Low Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Power (dBm/10MHz)	0	12.99	12.86	12.99	12.65
	1	13.44	13.23	13.46	13.04
	2	13.45	13.27	13.58	13.15
	3	13.22	12.93	13.25	12.93
	4	13.54	13.36	13.51	13.17
	5	13.34	13.19	13.47	13.05
	6	13.16	13.04	13.23	12.88
	7	13.27	13.07	13.38	13.44
	8	13.03	12.76	13.07	12.62
	9	13.33	13.08	13.22	13.69
	10	13.17	13.17	13.31	12.86
	11	13.21	12.96	13.30	12.96
	12	13.12	13.00	13.19	12.74
	13	13.14	13.09	13.27	12.83
	14	13.38	13.20	13.38	13.03
	15	13.12	13.07	13.21	12.76
	16	13.51	13.19	13.47	13.57
	17	13.47	13.26	13.49	13.15
	18	13.22	13.11	13.31	12.91
	19	13.32	13.18	13.37	13.02
	20	13.43	13.21	13.38	13.35
	21	13.18	13.02	13.26	12.90
	22	13.15	13.04	13.18	12.83
	23	13.19	13.11	13.24	13.79
	24	13.10	12.86	13.13	12.73
	25	13.47	13.27	13.43	13.03
	26	13.32	13.10	13.42	13.07
	27	13.42	13.04	13.41	13.04
	28	13.51	13.37	13.57	13.77
	29	13.52	13.23	13.47	13.21
	30	13.21	13.12	13.34	12.87
	31	13.68	13.18	13.53	13.18
	32	12.83	12.61	12.96	12.49
	33	13.26	12.94	13.38	12.97
	34	13.76	13.60	13.32	13.64
	35	12.97	12.76	12.99	13.56
	36	12.96	12.88	13.01	13.49
	37	13.20	12.89	13.32	13.02
	38	13.32	13.21	13.48	13.12
	39	13.12	13.05	13.42	**13.80**
	40	13.13	12.55	13.04	12.76
	41	13.52	12.94	13.50	13.21
	42	13.11	12.44	13.18	13.50
	43	12.99	12.48	13.14	12.79
	44	13.05	12.30	13.14	12.80
	45	13.11	12.43	13.18	12.73
	46	13.46	12.74	13.58	13.16
	47	13.10	12.49	13.25	12.79
	48	13.19	12.48	13.20	12.80
	49	13.30	12.78	13.42	13.79
	50	13.19	12.50	13.31	12.89
	51	13.11	12.56	13.11	12.71
	52	13.36	12.53	13.35	13.03
	53	13.37	12.70	13.46	13.09
	54	13.38	12.83	13.49	13.07
	55	13.26	12.72	13.31	13.44
	56	13.47	13.26	13.63	13.20
	57	13.36	13.07	13.44	13.01
	58	13.14	13.14	13.32	13.69
	59	13.50	13.24	13.61	13.28
	60	13.16	12.81	13.22	12.83
	61	13.54	13.25	13.62	13.45
	62	13.35	13.10	13.49	13.11
	63	13.73	13.41	13.67	13.74
MIMO Power (dBm/10MHz)		31.35	31.04	31.40	31.19
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/10MHz)		45.80	45.49	45.85	45.64
e.i.r.p Limit (dBm/10MHz)		47.00			

Mid Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Power (dBm/10MHz)	0	13.36	12.74	13.62	13.14
	1	13.45	12.95	13.68	13.12
	2	13.32	12.94	13.56	13.26
	3	13.34	12.15	13.45	12.94
	4	13.57	12.89	13.79	13.16
	5	13.35	12.79	13.54	12.47
	6	13.29	12.93	13.49	12.46
	7	13.31	12.81	13.48	12.31
	8	13.04	12.76	12.29	12.84
	9	13.25	12.87	13.32	12.78
	10	13.39	12.92	13.46	12.99
	11	13.11	12.96	12.66	12.88
	12	13.55	12.86	13.70	13.34
	13	13.23	12.88	13.38	12.26
	14	13.33	12.88	13.47	13.09
	15	13.22	12.96	12.39	12.97
	16	13.26	13.04	13.39	12.59
	17	13.31	13.11	13.44	13.00
	18	13.15	12.81	13.29	12.89
	19	13.40	13.16	13.53	12.73
	20	13.68	12.68	13.10	13.38
	21	13.01	12.76	12.48	12.72
	22	13.35	13.08	13.38	12.96
	23	13.20	12.23	13.33	12.91
	24	13.32	12.39	13.34	12.93
	25	13.30	12.84	13.43	13.01
	26	13.21	12.52	12.71	12.24
	27	13.15	12.07	12.60	12.83
	28	13.39	12.40	13.50	12.38
	29	13.10	12.68	13.22	12.12
	30	13.28	12.68	13.40	12.95
	31	13.21	12.78	13.32	12.87
	32	13.27	12.42	13.39	12.33
	33	13.05	12.42	13.16	12.03
	34	13.34	12.96	13.15	13.54
	35	13.32	12.76	13.43	13.01
	36	13.35	12.79	13.47	13.02
	37	13.56	12.83	13.76	13.22
	38	13.27	12.67	13.38	12.91
	39	13.18	12.49	13.27	12.80
	40	13.21	12.07	13.32	12.84
	41	13.29	12.13	13.40	12.92
	42	13.32	12.18	13.43	12.93
	43	13.20	12.16	12.46	12.79
	44	13.63	12.42	13.72	13.16
	45	13.16	12.18	12.35	12.76
	46	13.46	12.07	12.80	12.95
	47	13.31	12.09	13.28	12.55
	48	13.33	12.27	13.38	12.90
	49	13.45	12.49	13.52	12.46
	50	13.14	12.17	13.23	12.17
	51	13.26	12.18	12.68	12.84
	52	13.56	12.31	13.65	12.57
	53	12.90	12.03	12.09	12.50
	54	13.50	12.38	13.58	12.95
	55	13.16	12.21	12.50	12.36
	56	13.65	12.96	13.72	12.75
	57	13.27	12.67	13.34	12.82
	58	13.39	12.56	13.47	12.94
	59	13.71	12.88	13.02	13.24
	60	13.58	12.76	13.66	13.03
	61	13.51	12.95	13.59	13.05
	62	13.37	12.37	12.69	12.84
	63	**13.77**	13.00	12.78	13.23
MIMO Power (dBm/10MHz)		31.39	30.69	31.32	30.90
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/10MHz)		45.84	45.14	45.77	45.35
e.i.r.p Limit (dBm/10MHz)		47.00			

High Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Power (dBm/10MHz)	0	12.81	12.48	12.98	12.46
	1	13.12	12.76	13.01	12.69
	2	13.31	12.55	13.12	12.81
	3	13.32	12.71	13.11	12.81
	4	13.61	12.89	13.45	13.60
	5	13.08	12.83	13.03	12.85
	6	13.25	12.85	13.36	12.91
	7	13.25	12.67	13.08	12.85
	8	13.00	12.47	13.11	12.70
	9	13.12	12.60	12.97	12.66
	10	13.31	12.75	13.12	12.81
	11	13.12	12.73	13.08	13.12
	12	13.37	12.96	13.18	12.83
	13	12.83	12.65	12.84	12.49
	14	13.46	12.72	13.18	12.82
	15	13.04	12.62	13.02	12.85
	16	13.62	12.85	13.48	13.17
	17	12.99	12.77	13.06	13.46
	18	13.10	12.46	13.07	13.53
	19	13.22	12.88	13.20	12.79
	20	13.33	12.88	13.12	12.77
	21	12.95	12.55	13.08	12.55
	22	13.18	12.79	13.14	12.80
	23	13.10	12.65	12.98	13.14
	24	13.13	12.87	13.09	12.73
	25	13.15	12.66	12.93	12.67
	26	13.03	12.57	13.01	12.70
	27	13.00	12.50	13.23	12.67
	28	13.38	12.69	13.35	13.00
	29	13.28	12.43	13.08	13.03
	30	13.13	12.67	12.98	13.55
	31	13.09	12.51	12.86	13.43
	32	13.11	12.53	13.08	13.56
	33	13.19	12.21	13.17	13.07
	34	13.56	13.20	13.53	12.90
	35	13.27	12.67	13.06	12.90
	36	13.03	12.66	13.25	12.74
	37	13.05	12.90	13.02	13.55
	38	13.26	12.54	13.23	13.58
	39	13.19	12.44	12.88	13.34
	40	13.31	12.78	13.28	12.93
	41	13.32	12.95	13.25	13.03
	42	13.17	12.54	13.08	12.70
	43	13.33	12.93	13.19	12.94
	44	12.99	12.39	13.18	13.09
	45	12.86	12.41	12.83	12.53
	46	13.52	13.00	13.30	12.99
	47	13.24	12.75	13.18	13.47
	48	13.19	12.69	13.15	12.79
	49	12.99	12.42	12.94	12.73
	50	13.30	12.59	12.98	12.63
	51	13.21	12.50	13.14	12.60
	52	13.25	12.60	13.05	12.72
	53	13.32	12.61	13.10	13.57
	54	13.52	13.00	13.47	12.93
	55	13.33	12.81	13.14	12.79
	56	13.08	13.00	13.04	12.85
	57	13.44	12.37	13.40	13.66
	58	13.52	12.59	13.22	12.98
	59	13.42	12.77	13.38	13.13
	60	13.30	12.71	13.19	12.91
	61	13.37	12.72	13.31	13.49
	62	13.07	12.63	13.02	13.52
	63	13.51	13.03	13.47	13.19
MIMO Power (dBm/10MHz)		31.28	30.75	31.20	31.06
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/10MHz)		45.73	45.20	45.65	45.51
e.i.r.p Limit (dBm/10MHz)		47.00			

Table 8-14. Power Spectral Density Table (LTE_1C_10M)

Low Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Power (dBm/10MHz)	0	13.39	13.48	13.89	13.46
	1	13.93	13.75	14.37	13.94
	2	13.74	13.91	14.20	13.78
	3	13.69	13.74	14.14	13.71
	4	14.04	14.02	14.46	14.03
	5	13.92	13.89	14.33	13.91
	6	13.69	13.78	14.07	13.64
	7	13.70	13.77	14.16	13.63
	8	13.52	13.60	14.01	13.48
	9	13.74	13.70	14.12	13.70
	10	13.73	13.58	14.07	13.65
	11	13.72	13.74	14.29	13.66
	12	13.69	13.82	14.06	13.59
	13	13.79	13.95	14.23	13.66
	14	13.81	13.78	14.23	13.70
	15	13.62	13.72	14.21	13.54
	16	13.99	13.95	14.38	13.81
	17	14.01	13.94	14.28	13.80
	18	13.76	13.49	13.98	13.57
	19	13.78	13.70	14.10	13.72
	20	13.77	13.54	14.18	13.71
	21	13.62	13.45	13.93	13.52
	22	13.70	13.69	14.10	13.69
	23	13.60	13.52	14.04	13.53
	24	13.62	13.52	14.00	13.63
	25	13.83	13.64	14.25	13.82
	26	13.61	13.60	14.05	13.63
	27	13.65	13.71	14.08	13.65
	28	13.98	13.84	14.32	13.90
	29	13.85	13.79	14.15	13.72
	30	13.50	13.57	14.02	13.56
	31	13.76	13.67	14.17	13.75
	32	13.24	13.09	13.87	13.55
	33	13.60	13.24	14.21	13.79
	34	**14.14**	13.86	14.42	13.90
	35	13.27	13.05	13.93	13.41
	36	13.40	13.21	13.95	13.52
	37	13.63	13.34	14.05	13.62
	38	13.66	13.66	14.50	14.08
	39	13.42	13.18	13.98	13.46
	40	13.43	13.14	13.89	13.48
	41	13.86	13.81	14.30	13.88
	42	13.54	13.40	14.10	13.67
	43	13.26	13.28	13.92	13.49
	44	13.22	13.25	13.95	13.57
	45	13.41	13.54	13.99	13.58
	46	13.80	13.81	14.49	14.06
	47	13.39	13.41	14.09	13.62
	48	13.33	13.31	13.97	13.55
	49	13.50	13.46	14.13	13.70
	50	13.45	13.45	13.98	13.51
	51	13.35	13.24	13.86	13.42
	52	13.50	13.38	14.16	13.73
	53	13.61	13.64	14.21	13.79
	54	13.71	13.72	14.38	13.96
	55	13.43	13.79	14.26	13.83
	56	13.72	13.62	**14.60**	14.17
	57	13.44	13.28	14.53	14.06
	58	13.51	13.34	14.17	13.70
	59	13.44	13.52	14.13	13.74
	60	13.22	12.99	14.13	13.60
	61	13.69	13.63	14.22	13.79
	62	13.36	13.37	14.12	13.59
	63	13.72	13.53	14.18	13.66
MIMO Power (dBm/10MHz)		31.69	31.64	32.21	31.76
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/10MHz)		46.14	46.09	46.66	46.21
e.i.r.p Limit (dBm/10MHz)		47.00			

Mid Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Power (dBm/10MHz)	0	13.14	12.67	13.07	13.20
	1	13.41	12.77	13.24	13.29
	2	13.06	12.63	13.01	13.16
	3	13.18	12.80	13.12	13.11
	4	13.39	12.76	13.24	13.39
	5	13.44	12.77	13.28	13.35
	6	13.38	12.80	13.23	13.28
	7	13.22	12.63	13.07	13.14
	8	12.96	12.49	12.91	13.00
	9	13.07	12.52	12.91	13.03
	10	13.19	12.66	13.14	13.16
	11	13.15	12.48	12.88	13.05
	12	13.55	12.86	13.25	13.46
	13	13.14	12.73	12.94	13.14
	14	13.15	12.77	12.99	13.17
	15	13.09	12.54	12.92	13.08
	16	13.29	12.54	13.00	13.16
	17	13.25	12.51	12.99	13.20
	18	13.05	12.45	12.88	13.02
	19	13.28	12.61	13.07	13.22
	20	13.65	13.15	13.41	13.58
	21	12.86	12.23	12.70	12.85
	22	13.24	12.66	13.04	13.26
	23	13.11	12.38	12.85	13.06
	24	13.19	12.58	13.00	13.22
	25	13.29	12.50	12.98	13.21
	26	13.14	12.39	12.87	13.07
	27	13.06	12.36	12.79	12.93
	28	13.37	12.63	13.06	13.30
	29	13.00	12.37	12.88	13.02
	30	13.17	12.51	12.91	13.12
	31	13.17	12.58	12.92	13.08
	32	13.07	12.87	12.99	13.20
	33	12.72	12.66	12.77	12.84
	34	13.33	13.49	13.39	13.48
	35	12.96	12.91	12.99	13.07
	36	13.03	12.97	13.01	13.23
	37	13.41	13.35	13.20	13.35
	38	13.39	12.90	13.29	13.39
	39	12.92	12.87	12.78	12.93
	40	13.18	12.12	12.82	12.97
	41	13.23	12.32	12.94	13.09
	42	13.08	12.50	12.96	13.02
	43	13.12	12.34	12.80	12.97
	44	13.56	12.65	13.25	13.49
	45	12.97	12.28	12.81	13.01
	46	13.52	12.70	13.31	13.42
	47	13.06	12.36	12.95	13.06
	48	13.20	12.42	12.96	13.10
	49	13.34	12.54	13.07	13.29
	50	13.02	12.15	12.79	12.92
	51	13.14	12.24	12.81	13.02
	52	13.47	12.54	13.14	13.33
	53	12.84	11.94	12.56	12.78
	54	13.39	12.59	13.11	13.28
	55	13.33	12.34	13.05	13.19
	56	13.92	13.44	13.61	13.70
	57	13.46	12.89	13.19	13.37
	58	13.22	13.12	13.05	13.13
	59	13.35	13.08	13.08	13.39
	60	13.45	12.95	13.13	13.26
	61	13.29	13.17	13.13	13.23
	62	13.12	12.99	12.99	13.15
	63	13.12	13.35	13.04	13.20
MIMO Power (dBm/10MHz)		31.28	30.74	31.09	31.24
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/10MHz)		45.73	45.19	45.54	45.69
e.i.r.p Limit (dBm/10MHz)		47.00			

High Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Power (dBm/10MHz)	0	12.64	12.29	12.61	12.82
	1	12.86	12.39	12.95	13.06
	2	13.01	12.52	13.00	12.47
	3	13.02	12.61	13.02	12.43
	4	13.27	12.88	13.25	12.66
	5	12.88	12.52	12.86	13.13
	6	13.09	12.68	13.11	13.26
	7	12.88	12.56	12.87	13.11
	8	12.80	12.43	12.81	13.02
	9	12.88	12.49	12.88	13.17
	10	12.96	12.70	12.98	13.23
	11	12.98	12.65	12.99	13.16
	12	13.06	12.61	13.06	13.35
	13	12.75	12.25	12.77	12.93
	14	13.08	12.59	13.09	12.52
	15	12.91	12.51	12.90	13.02
	16	13.17	12.74	13.17	12.63
	17	12.91	12.35	12.90	13.08
	18	12.94	12.52	12.93	13.08
	19	13.12	12.80	13.13	13.29
	20	13.04	12.57	13.02	13.29
	21	12.76	12.29	12.76	12.97
	22	12.99	12.64	12.98	13.20
	23	12.84	12.55	12.84	12.96
	24	12.91	12.47	12.90	13.12
	25	12.79	12.39	12.78	13.05
	26	12.92	12.46	12.90	13.03
	27	12.84	12.47	12.83	12.96
	28	13.07	12.58	13.06	13.23
	29	12.94	12.48	12.91	13.15
	30	12.94	12.60	12.92	13.13
	31	12.77	12.28	12.76	12.94
	32	12.98	12.70	12.96	13.19
	33	13.21	12.85	13.11	13.22
	34	12.92	13.15	12.92	13.11
	35	12.88	12.77	12.96	13.08
	36	12.80	12.67	12.81	13.10
	37	12.90	12.68	12.89	13.10
	38	13.22	13.00	13.21	13.43
	39	12.81	12.67	12.79	12.99
	40	13.02	12.52	13.00	13.30
	41	12.98	12.34	12.96	13.18
	42	12.73	12.37	12.71	12.94
	43	13.05	12.62	13.04	13.24
	44	12.79	12.25	12.81	13.11
	45	12.77	12.24	12.77	13.03
	46	13.04	12.53	13.04	13.26
	47	13.08	12.57	13.07	13.27
	48	12.97	12.44	12.96	13.17
	49	12.75	12.28	12.74	12.98
	50	12.81	12.36	12.81	13.01
	51	12.87	12.40	12.87	12.99
	52	12.95	12.44	12.94	13.20
	53	12.84	12.28	12.82	13.08
	54	13.06	12.65	13.06	13.35
	55	12.99	12.66	13.02	13.20
	56	13.03	12.75	13.04	13.23
	57	13.00	12.68	13.10	13.26
	58	13.06	12.96	13.05	13.31
	59	13.13	13.08	13.13	13.29
	60	13.03	12.79	13.12	13.27
	61	12.94	12.86	13.16	13.20
	62	12.86	12.79	12.86	13.08
	63	12.92	13.08	13.03	13.11
MIMO Power (dBm/10MHz)		31.01	30.65	31.01	31.16
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/10MHz)		45.46	45.10	45.46	45.61
e.i.r.p Limit (dBm/10MHz)		47.00			

Table 8-15. Power Spectral Density Table (LTE_1C_20M)

Low Channel	Port	LTE_2C_20M+20M		LTE_3C_10M+10M+10M		LTE_3C_10M+20M+20M		LTE_3C_20M+20M+20M	
		QPSK	QAM	QPSK	QAM	QPSK	QAM	QPSK	QAM
Conducted Power (dBm/10MHz)	0	14.10	13.34	13.81	12.98	14.03	13.12	13.92	13.41
	1	14.46	13.63	14.03	13.31	14.21	13.50	14.31	13.91
	2	14.37	13.62	14.33	13.43	14.44	13.18	14.32	13.72
	3	14.29	13.54	14.05	13.34	14.15	13.32	14.29	13.94
	4	14.64	13.91	14.30	13.60	14.42	13.85	14.61	14.19
	5	14.56	13.84	14.14	13.37	14.28	13.47	14.33	13.96
	6	14.20	13.58	14.05	13.21	14.09	13.56	14.14	13.80
	7	14.28	13.48	14.20	13.33	14.18	13.26	14.28	13.88
	8	14.13	13.41	13.80	12.82	13.92	13.07	14.11	13.24
	9	14.34	13.55	14.11	13.23	14.21	13.32	14.29	13.91
	10	14.27	13.57	14.15	13.23	14.15	13.67	14.23	13.78
	11	14.25	13.65	14.12	13.38	14.15	13.36	14.28	13.76
	12	14.34	13.72	13.89	13.21	14.00	13.23	14.25	13.77
	13	14.35	13.60	13.95	13.14	14.14	13.30	14.20	13.84
	14	14.30	13.72	14.27	13.38	14.27	13.28	14.36	13.85
	15	14.13	13.52	14.08	13.23	14.11	13.15	14.25	13.77
	16	14.54	13.85	14.18	13.36	14.31	13.58	14.52	14.14
	17	14.45	13.74	14.26	13.47	14.38	13.41	14.47	14.12
	18	14.22	13.49	14.10	13.32	14.22	13.33	14.28	13.77
	19	14.36	13.57	14.20	13.47	14.27	13.49	14.37	13.90
	20	14.37	13.55	14.14	13.42	14.26	13.41	14.33	13.93
	21	14.24	13.57	14.01	13.08	14.15	13.08	14.22	13.75
	22	14.38	13.65	14.20	13.42	14.22	13.46	14.40	13.90
	23	14.18	13.36	14.07	13.42	14.10	13.25	14.25	13.67
	24	14.28	13.63	13.89	13.05	14.00	13.25	14.23	13.71
	25	14.47	13.76	14.16	13.46	14.27	13.12	14.30	13.85
	26	14.27	13.49	14.23	13.33	14.23	13.35	14.32	13.89
	27	14.40	13.75	14.19	13.36	14.23	13.35	14.30	13.75
	28	14.68	13.88	14.28	13.35	14.44	13.73	14.68	14.11
	29	14.47	13.80	14.15	13.38	14.24	13.20	14.45	13.91
	30	14.21	13.49	14.03	13.18	14.27	13.14	14.22	13.83
	31	14.41	13.77	14.37	13.51	14.52	13.56	14.51	13.87
	32	13.97	13.79	13.72	13.02	13.87	13.57	14.19	13.68
	33	14.36	13.88	14.02	13.48	14.19	13.90	14.36	14.10
	34	14.89	14.56	14.77	14.26	14.77	14.50	**14.90**	**14.59**
	35	14.09	13.61	13.92	13.28	13.90	13.49	14.10	13.76
	36	14.22	13.74	13.88	13.31	13.92	13.70	14.23	13.90
	37	14.42	13.91	13.99	13.36	14.14	14.12	14.32	14.13
	38	14.45	14.17	14.33	13.76	14.34	14.11	14.51	13.69
	39	14.18	13.95	14.18	13.56	14.19	13.45	14.27	13.72
	40	14.24	13.27	13.99	12.87	14.16	12.86	14.20	13.50
	41	14.69	13.91	14.34	13.24	14.60	13.50	14.56	13.94
	42	14.29	13.52	14.13	13.43	14.15	13.27	14.28	13.77
	43	14.11	13.29	13.99	13.05	13.96	12.92	14.12	13.54
	44	14.20	13.27	13.83	12.95	14.03	12.98	14.28	13.57
	45	14.31	13.34	13.93	13.08	14.19	13.12	14.27	13.60
	46	14.59	13.75	14.47	13.66	14.56	13.80	14.66	13.90
	47	14.30	13.32	14.07	13.01	14.12	12.97	14.32	13.62
	48	14.27	13.29	13.88	12.84	14.12	13.20	14.36	13.55
	49	14.34	13.50	14.04	13.10	14.27	13.22	14.29	13.74
	50	14.26	13.34	14.13	13.14	13.96	12.91	14.29	13.64
	51	14.17	13.13	14.04	12.93	13.73	13.03	14.26	13.54
	52	14.42	13.49	14.09	13.03	13.91	13.18	14.44	13.82
	53	14.42	13.51	14.13	13.11	14.05	13.00	14.45	13.78
	54	14.51	13.57	14.31	13.41	14.20	13.66	14.53	13.90
	55	14.38	13.41	14.16	13.17	13.99	13.29	14.45	13.82
	56	14.61	14.42	14.33	13.96	14.21	14.26	14.66	14.43
	57	14.40	14.02	14.08	13.52	13.87	13.80	14.30	14.07
	58	14.39	13.83	14.23	13.80	13.76	14.09	14.40	14.11
	59	14.50	14.15	14.41	13.68	14.11	14.05	14.55	14.13
	60	14.31	13.87	13.93	13.44	13.75	13.63	14.34	14.05
	61	14.56	14.03	14.20	13.85	13.94	13.98	14.55	14.32
	62	14.31	13.99	14.31	12.30	13.91	13.75	14.31	13.97
	63	14.71	14.14	14.46	13.85	14.15	14.20	14.67	14.39
MIMO Power (dBm/MHz)		32.42	31.74	32.19	31.39	32.22	31.53	32.42	31.93
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45	14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/MHz)		46.87	46.19	46.64	45.84	46.67	45.98	46.87	46.38
e.i.r.p Limit (dBm/MHz)		47.00							

Mid Channel	Port	LTE_2C_20M+20M		LTE_3C_10M+10M+10M		LTE_3C_10M+20M+20M		LTE_3C_20M+20M+20M	
		QPSK	QAM	QPSK	QAM	QPSK	QAM	QPSK	QAM
Conducted Power (dBm/10MHz)	0	13.51	12.88	13.06	12.39	13.10	12.54	13.43	12.86
	1	13.70	13.14	13.18	12.53	13.30	12.81	13.59	13.25
	2	13.45	12.90	13.30	12.31	13.28	12.77	13.52	12.89
	3	13.29	12.72	13.09	12.31	13.19	12.60	13.41	12.93
	4	13.64	13.10	13.33	12.49	13.22	12.83	13.63	13.23
	5	13.54	12.89	13.22	12.42	13.37	12.86	13.67	12.94
	6	13.33	12.76	13.09	12.46	13.18	12.80	13.45	13.02
	7	13.36	12.83	13.24	12.31	13.09	12.64	13.42	12.85
	8	13.31	12.60	12.80	12.42	12.90	12.48	13.25	12.91
	9	13.44	12.81	12.89	12.54	13.02	12.37	13.36	12.79
	10	13.35	12.82	13.11	12.40	13.16	12.75	13.53	12.91
	11	13.33	12.64	13.22	12.36	13.17	12.52	13.37	13.03
	12	13.61	13.01	13.29	12.41	13.24	12.68	13.61	13.20
	13	13.37	12.76	12.98	12.34	13.15	12.68	13.47	12.86
	14	13.52	12.73	13.20	12.53	13.39	12.77	13.52	13.00
	15	13.31	12.66	12.99	12.36	13.04	12.48	13.32	12.83
	16	13.35	12.83	13.00	12.71	13.23	12.54	13.48	13.00
	17	13.35	12.81	13.05	12.65	13.15	12.61	13.39	12.95
	18	13.31	12.61	12.98	12.37	13.04	12.48	13.36	12.75
	19	13.34	12.81	13.16	12.78	13.19	12.60	13.44	13.03
	20	13.70	13.13	13.25	12.41	13.30	12.84	13.70	13.25
	21	13.07	12.51	12.76	12.36	12.86	12.26	13.03	12.70
	22	13.35	12.79	13.24	12.32	13.29	12.80	13.58	12.99
	23	13.28	12.66	13.02	12.34	12.98	12.59	13.34	12.84
	24	13.47	12.90	13.27	12.78	13.32	12.75	13.61	12.97
	25	13.55	12.77	12.93	12.64	13.03	12.47	13.44	12.94
	26	13.31	12.73	12.92	12.32	13.10	12.39	13.28	12.74
	27	13.37	12.74	13.06	12.47	13.19	12.58	13.38	12.92
	28	13.69	12.92	13.13	12.75	13.39	12.69	13.55	13.21
	29	13.33	12.65	12.93	12.35	12.97	12.38	13.20	12.73
	30	13.42	12.82	13.13	12.38	13.23	12.45	13.45	12.85
	31	13.38	12.79	13.24	12.36	13.05	12.45	13.52	12.86
	32	13.36	12.92	13.15	12.95	13.26	13.12	13.57	13.32
	33	13.40	12.94	12.77	12.69	13.19	12.94	13.41	13.28
	34	13.95	13.66	13.72	13.42	13.53	13.57	13.90	13.85
	35	13.36	13.18	13.28	12.89	13.23	13.15	13.45	13.43
	36	13.49	13.13	13.03	13.09	13.11	13.11	13.45	13.17
	37	13.75	13.12	13.13	13.18	13.43	13.35	13.64	13.51
	38	13.47	13.23	13.13	12.95	13.31	13.15	13.61	13.14
	39	13.23	12.98	13.00	12.59	12.97	12.71	13.28	13.02
	40	13.18	12.37	12.67	12.45	12.78	12.15	13.12	12.60
	41	13.52	12.81	13.06	12.36	13.32	12.53	13.63	13.05
	42	13.45	12.87	13.13	12.50	13.10	12.48	13.36	12.73
	43	13.33	12.35	13.02	12.43	13.00	12.24	13.21	12.62
	44	13.68	12.83	13.31	12.56	13.14	12.67	13.52	13.02
	45	13.40	12.65	13.08	12.37	12.94	12.35	13.22	12.56
	46	13.59	12.83	13.22	12.70	13.27	12.52	13.60	11.99
	47	13.41	12.46	13.04	12.48	13.09	12.40	13.34	12.73
	48	13.54	12.56	12.93	12.25	13.21	12.40	13.39	12.77
	49	13.60	12.82	13.12	12.58	13.33	12.75	13.55	13.00
	50	13.37	12.65	13.06	12.41	12.98	12.47	13.38	12.58
	51	13.35	12.65	13.10	12.34	13.14	12.48	13.44	12.80
	52	13.58	12.85	13.05	12.67	13.25	12.41	13.52	12.93
	53	13.19	12.31	12.83	12.12	12.81	12.10	13.33	12.61
	54	13.53	12.78	13.38	12.54	13.37	12.75	13.75	12.92
	55	13.40	12.52	13.15	12.34	13.04	12.53	13.51	12.81
	56	13.72	13.31	13.22	13.25	13.39	13.37	13.76	13.68
	57	13.42	13.05	12.93	12.87	12.85	12.88	13.43	13.24
	58	13.57	13.16	13.33	13.05	13.22	13.01	13.57	13.42
	59	13.59	13.47	13.20	13.21	13.35	13.17	13.73	13.47
	60	13.63	13.14	13.31	12.99	13.18	13.20	13.51	13.50
	61	13.71	13.12	13.27	12.88	13.22	12.96	13.60	13.46
	62	13.53	13.12	13.04	12.91	13.03	12.73	13.34	13.36
	63	13.80	13.44	13.57	13.33	13.33	13.35	13.77	13.57
MIMO Power (dBm/MHz)		31.52	30.93	31.18	30.66	31.23	30.77	31.54	31.08
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45	14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/MHz)		45.97	45.38	45.63	45.11	45.68	45.22	45.99	45.53
e.i.r.p Limit (dBm/MHz)		47.00							

High Channel	Port	LTE_2C_20M+20M		LTE_3C_10M+10M+10M		LTE_3C_10M+20M+20M		LTE_3C_20M+20M+20M	
		QPSK	QAM	QPSK	QAM	QPSK	QAM	QPSK	QAM
Conducted Power (dBm/10MHz)	0	13.14	12.56	13.46	12.38	12.65	12.43	13.31	12.33
	1	13.31	12.55	13.44	12.50	12.80	12.69	13.53	12.54
	2	13.36	12.76	13.64	12.25	12.91	12.38	13.67	12.47
	3	13.38	12.74	13.56	12.20	12.96	12.29	13.55	12.46
	4	13.89	13.28	14.14	12.64	13.31	12.65	13.98	12.91
	5	13.52	12.72	13.62	12.59	12.92	12.69	13.60	12.59
	6	13.29	12.78	13.64	12.34	13.00	12.40	13.73	12.52
	7	13.37	12.82	13.62	12.59	12.88	12.91	13.54	12.41
	8	13.45	12.72	13.56	12.55	12.75	12.23	13.42	11.81
	9	13.39	12.79	13.43	12.60	12.81	12.28	13.51	12.38
	10	13.24	12.75	13.42	12.55	12.87	12.29	13.61	12.36
	11	13.37	12.67	13.57	12.21	12.84	12.34	13.54	12.50
	12	13.62	13.00	13.58	12.65	13.13	12.36	13.80	12.57
	13	13.25	12.56	13.37	12.40	12.69	12.72	13.45	12.28
	14	13.48	12.89	13.68	12.34	12.97	12.33	13.71	12.56
	15	13.28	12.69	13.48	12.59	12.76	12.18	13.45	12.42
	16	13.63	13.17	13.90	12.55	13.18	12.73	13.92	11.62
	17	13.37	12.69	13.50	12.50	12.86	12.70	13.46	12.40
	18	13.37	12.75	13.48	12.55	12.89	12.58	13.54	12.34
	19	13.50	12.89	13.65	12.36	12.98	12.38	13.61	12.44
	20	13.57	13.02	13.57	12.69	13.10	12.22	13.84	12.74
	21	13.28	12.58	13.37	12.37	12.61	12.60	13.29	12.24
	22	13.54	12.62	13.65	12.30	12.83	12.32	13.55	12.43
	23	13.23	12.67	13.34	12.52	12.66	12.77	13.36	12.22
	24	13.47	12.89	13.49	12.60	12.76	12.16	13.37	12.48
	25	13.42	12.69	13.45	12.53	12.63	12.15	13.26	12.33
	26	13.42	12.61	13.54	12.54	12.80	12.12	13.50	12.39
	27	13.29	12.70	13.28	12.44	12.80	12.06	13.48	12.40
	28	13.80	13.02	13.89	12.27	13.13	12.44	13.71	12.69
	29	13.34	12.77	13.38	12.60	12.79	12.57	13.42	12.24
	30	13.50	12.70	13.65	12.19	12.83	12.21	13.47	12.47
	31	13.46	12.84	13.62	12.22	12.86	12.79	13.47	12.32
	32	13.52	13.10	13.68	12.95	12.84	13.08	13.53	13.35
	33	13.35	13.01	13.31	13.11	12.79	12.77	13.41	13.36
	34	13.86	13.53	14.04	13.43	13.32	13.42	14.01	13.75
	35	13.33	13.13	13.52	12.97	12.89	12.23	13.63	13.43
	36	13.51	13.19	13.47	12.87	12.82	13.05	13.47	13.29
	37	13.32	13.04	13.40	12.82	12.80	13.07	13.39	13.39
	38	13.55	13.34	13.88	13.25	13.13	13.32	13.83	13.55
	39	13.23	13.13	13.38	12.85	12.70	12.86	13.35	13.33
	40	13.42	12.66	13.43	12.52	12.81	12.71	13.50	12.22
	41	13.58	12.83	13.69	12.69	13.03	12.17	13.66	12.52
	42	13.21	12.41	13.31	12.28	12.70	12.53	13.38	12.23
	43	13.49	12.61	13.72	12.55	12.85	13.06	13.58	12.23
	44	13.56	12.69	13.55	12.33	12.89	12.21	13.53	12.41
	45	13.26	12.33	13.32	12.21	12.68	12.48	13.28	12.19
	46	13.51	12.65	13.88	12.41	13.07	12.26	13.74	12.39
	47	13.44	12.56	13.58	12.34	12.83	12.10	13.54	11.03
	48	13.37	12.68	13.48	12.20	12.83	12.60	13.49	12.24
	49	13.31	12.62	13.42	12.37	12.76	12.59	13.44	12.31
	50	13.26	12.55	13.43	12.33	12.75	12.44	13.43	12.22
	51	13.30	12.45	13.46	12.24	12.81	12.84	13.41	12.07
	52	13.47	12.70	13.59	12.26	12.88	12.10	13.57	12.18
	53	13.29	12.54	13.49	12.17	12.85	12.44	13.52	12.17
	54	13.68	12.74	13.98	12.52	13.21	12.26	13.91	12.49
	55	13.40	12.60	13.57	12.55	12.85	12.88	13.59	12.29
	56	13.55	13.33	13.69	13.11	12.88	13.18	13.66	13.60
	57	13.39	12.98	13.51	12.95	12.73	12.94	13.46	13.32
	58	13.57	13.35	13.65	13.12	12.96	13.27	13.65	13.52
	59	13.76	13.49	13.97	13.34	13.22	13.43	13.87	13.71
	60	13.37	13.14	13.49	13.11	12.91	13.05	13.49	13.38
	61	13.62	13.26	13.68	13.09	13.04	13.04	13.70	13.40
	62	13.33	13.28	13.55	12.87	12.80	13.15	13.50	13.29
	63	13.75	13.57	13.90	13.53	13.30	13.46	13.89	13.66
MIMO Power (dBm/MHz)		31.50	30.92	31.64	30.67	30.95	30.69	31.63	30.71
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45	14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/MHz)		45.95	45.37	46.09	45.12	45.40	45.14	46.08	45.16
e.i.r.p Limit (dBm/MHz)		47.00							

Table 8-16. Power Spectral Density Table (LTE_Multi-carrier)

Low Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Power (dBm/10MHz)	0	13.47	13.55	13.61	13.24
	1	13.85	13.90	14.03	13.66
	2	13.80	13.78	13.87	13.51
	3	13.79	13.71	13.85	13.52
	4	13.68	13.71	13.78	13.40
	5	13.92	13.96	14.02	13.65
	6	13.69	13.68	13.76	13.39
	7	13.78	13.77	13.78	13.41
	8	13.47	13.58	13.65	13.32
	9	13.75	13.84	13.85	13.54
	10	13.75	13.79	13.80	13.45
	11	13.73	13.71	13.80	13.44
	12	13.75	13.76	13.82	13.46
	13	13.75	13.84	13.85	13.55
	14	13.88	13.88	13.93	13.52
	15	13.65	13.62	13.60	13.33
	16	13.95	14.01	13.98	13.72
	17	14.01	13.99	14.04	13.74
	18	13.74	13.75	13.78	13.42
	19	13.85	13.83	13.91	13.59
	20	13.81	13.83	13.90	13.58
	21	13.70	13.69	13.71	13.44
	22	13.81	13.82	13.90	13.54
	23	13.62	13.64	13.71	13.38
	24	13.65	13.75	13.79	13.47
	25	13.84	13.94	13.96	13.70
	26	13.77	13.80	13.77	13.45
	27	13.77	13.80	13.84	13.57
	28	13.92	14.03	14.05	13.78
	29	13.83	13.92	13.98	13.67
	30	13.58	13.69	13.72	13.35
	31	13.80	13.88	13.87	13.59
	32	13.37	13.37	13.31	12.96
	33	13.76	13.83	13.75	13.45
	34	13.88	13.96	13.92	13.62
	35	13.53	13.58	13.52	13.23
	36	13.57	13.67	13.64	13.41
	37	13.79	13.81	13.84	13.50
	38	**14.07**	**14.19**	14.10	13.86
	39	13.61	13.64	13.60	13.26
	40	13.59	13.61	13.64	13.36
	41	13.85	13.90	13.71	13.43
	42	13.69	13.82	13.69	13.45
	43	13.53	13.57	13.47	13.13
	44	13.57	13.63	13.57	13.28
	45	13.62	13.73	13.63	13.39
	46	13.91	13.95	13.91	13.62
	47	13.69	13.67	13.62	13.38
	48	13.59	13.72	13.69	13.31
	49	13.76	13.83	13.80	13.47
	50	13.69	13.74	13.60	13.32
	51	13.56	13.65	13.53	13.24
	52	13.73	13.89	13.77	13.53
	53	13.79	13.93	13.81	13.53
	54	13.76	13.70	13.72	13.41
	55	13.63	13.61	13.66	13.25
	56	13.71	13.82	13.78	13.48
	57	13.96	14.13	14.07	13.76
	58	13.81	13.82	13.78	13.47
	59	13.75	13.72	13.73	13.30
	60	13.72	13.74	13.74	13.34
	61	13.86	13.91	13.89	13.54
	62	13.73	13.75	13.75	13.39
	63	13.81	13.83	13.73	13.46
MIMO Power (dBm/10MHz)		31.80	31.85	31.84	31.53
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/10MHz)		46.25	46.30	46.29	45.98
e.i.r.p Limit (dBm/10MHz)		47.00			

Mid Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Power (dBm/10MHz)	0	12.84	12.80	12.88	12.72
	1	13.01	12.99	12.99	13.05
	2	12.83	12.76	12.79	12.75
	3	12.74	12.74	12.75	12.69
	4	12.74	12.73	12.82	12.73
	5	13.05	13.07	13.00	13.03
	6	12.95	12.87	12.89	12.87
	7	12.68	12.75	12.73	12.69
	8	12.65	12.71	12.65	12.59
	9	12.72	12.72	12.71	12.63
	10	12.85	12.77	12.84	12.74
	11	12.68	12.70	12.72	12.56
	12	13.16	13.13	13.13	13.12
	13	12.92	12.82	12.86	12.80
	14	12.86	12.86	12.88	12.80
	15	12.65	12.70	12.71	12.62
	16	12.85	12.90	12.85	12.79
	17	12.91	12.89	13.00	12.89
	18	12.72	12.66	12.78	12.63
	19	12.91	12.92	12.88	12.75
	20	13.26	13.30	13.33	13.17
	21	12.62	12.60	12.60	12.49
	22	12.92	12.84	12.89	12.84
	23	12.68	12.67	12.76	12.61
	24	12.85	12.90	12.86	12.82
	25	12.91	12.86	12.92	12.83
	26	12.70	12.73	12.75	12.60
	27	12.69	12.63	12.63	12.57
	28	12.99	12.90	12.92	12.86
	29	12.82	12.79	12.77	12.75
	30	12.83	12.80	12.83	12.69
	31	12.77	12.68	12.76	12.61
	32	12.54	12.61	12.46	12.50
	33	12.60	12.48	12.46	12.54
	34	12.89	12.83	12.78	12.71
	35	12.71	12.67	12.70	12.57
	36	12.83	12.87	12.79	12.72
	37	13.07	13.01	13.00	13.01
	38	13.03	12.96	12.98	12.95
	39	12.52	12.51	12.49	12.45
	40	12.62	12.59	12.62	12.57
	41	12.54	12.50	12.51	12.60
	42	12.75	12.66	12.70	12.72
	43	12.56	12.55	12.54	12.58
	44	13.07	13.09	13.11	13.15
	45	12.70	12.67	12.70	12.76
	46	12.92	12.84	12.88	12.94
	47	12.70	12.58	12.64	12.67
	48	12.80	12.71	12.78	12.85
	49	12.92	12.89	12.98	12.97
	50	12.65	12.62	12.60	12.72
	51	12.63	12.55	12.67	12.63
	52	13.00	13.00	13.09	13.08
	53	12.39	12.37	12.47	12.49
	54	12.62	12.62	12.68	12.64
	55	12.44	12.42	12.47	12.52
	56	12.82	12.78	12.78	12.84
	57	12.98	12.88	13.00	13.08
	58	12.80	12.79	12.77	12.87
	59	12.77	12.68	12.97	12.87
	60	12.86	12.77	12.81	12.83
	61	12.95	12.90	12.93	13.01
	62	12.73	12.71	12.72	12.82
	63	12.80	12.69	12.80	12.78
MIMO Power (dBm/10MHz)		30.86	30.83	30.86	30.83
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/10MHz)		45.31	45.28	45.31	45.28
e.i.r.p Limit (dBm/10MHz)		47.00			

High Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Power (dBm/10MHz)	0	13.02	12.72	13.11	13.02
	1	13.42	13.01	13.40	13.37
	2	13.50	13.08	13.53	13.50
	3	13.40	13.03	13.42	13.46
	4	13.51	13.14	13.53	13.56
	5	13.35	13.03	13.42	13.38
	6	13.57	13.13	13.57	13.56
	7	13.32	12.96	13.35	13.36
	8	13.26	12.87	13.28	13.20
	9	13.38	13.04	13.44	13.36
	10	13.44	13.08	13.54	13.46
	11	13.40	13.11	13.47	13.43
	12	13.50	13.25	13.61	13.48
	13	13.27	12.97	13.27	13.26
	14	13.53	13.24	13.60	13.49
	15	13.26	12.97	13.29	13.30
	16	13.72	13.42	13.73	13.66
	17	13.41	13.09	13.41	13.44
	18	13.39	13.12	13.39	13.37
	19	13.57	13.23	13.56	13.56
	20	13.56	13.19	13.51	13.54
	21	13.20	12.89	13.29	13.24
	22	13.46	13.14	13.46	13.45
	23	13.29	13.03	13.29	13.22
	24	13.40	13.05	13.39	13.33
	25	13.31	12.97	13.29	13.24
	26	13.34	13.02	13.35	13.37
	27	13.31	12.99	13.30	13.23
	28	13.54	13.16	13.48	13.46
	29	13.44	13.13	13.44	13.44
	30	13.47	13.06	13.42	13.35
	31	13.31	13.00	13.27	13.26
	32	13.20	12.81	13.09	13.13
	33	13.35	13.03	13.41	13.28
	34	13.31	13.00	13.33	13.31
	35	13.25	12.99	13.32	13.24
	36	13.23	12.87	13.26	13.27
	37	13.25	12.97	13.34	13.23
	38	13.69	13.25	13.67	13.63
	39	13.18	12.82	13.15	13.14
	40	13.34	12.98	13.38	13.33
	41	13.35	12.96	13.31	13.34
	42	13.07	12.74	13.09	13.09
	43	13.38	13.04	13.33	13.28
	44	13.17	12.79	13.16	13.10
	45	13.13	12.85	13.13	13.14
	46	13.56	13.21	13.52	13.49
	47	13.40	13.00	13.40	13.30
	48	13.39	13.04	13.38	13.34
	49	13.15	12.81	13.15	13.10
	50	13.20	12.90	13.19	13.20
	51	13.15	12.89	13.18	13.20
	52	13.30	12.95	13.30	13.29
	53	13.26	12.86	13.25	13.25
	54	13.34	13.08	13.39	13.37
	55	13.15	12.83	13.24	13.14
	56	12.96	12.67	12.87	12.91
	57	13.30	12.90	13.33	13.30
	58	13.40	13.10	13.46	13.41
	59	13.44	13.06	13.42	13.44
	60	13.39	13.09	13.43	13.38
	61	13.30	12.96	13.35	13.36
	62	13.31	12.95	13.27	13.26
	63	13.23	12.97	13.31	13.24
MIMO Power (dBm/10MHz)		31.41	31.07	31.42	31.39
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/10MHz)		45.86	45.52	45.87	45.84
e.i.r.p Limit (dBm/10MHz)		47.00			

Table 8-17. Power Spectral Density Table (NR_1C_20M)

Low Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Power (dBm/10MHz)	0	12.82	12.92	13.37	12.91
	1	13.24	13.38	**13.86**	13.40
	2	12.95	13.16	13.54	13.13
	3	13.00	13.19	13.54	13.18
	4	13.14	13.35	13.67	13.29
	5	13.31	13.36	13.83	13.42
	6	13.08	13.23	13.62	13.18
	7	12.88	13.12	13.44	13.09
	8	12.70	12.87	13.32	12.87
	9	13.01	13.13	13.51	13.10
	10	13.26	13.47	13.85	13.41
	11	12.97	13.11	13.53	13.17
	12	13.04	13.17	13.67	13.21
	13	13.06	13.26	13.70	13.32
	14	13.10	13.19	13.62	13.30
	15	12.71	12.87	13.26	12.89
	16	13.23	13.41	13.81	13.42
	17	13.25	13.34	13.77	13.34
	18	12.79	12.93	13.35	12.88
	19	13.05	13.30	13.68	13.31
	20	13.03	13.20	13.55	13.22
	21	12.82	12.95	13.35	12.94
	22	13.37	13.56	13.57	13.51
	23	12.87	12.99	13.38	13.05
	24	13.02	13.24	13.60	13.21
	25	13.12	13.28	13.73	13.29
	26	12.96	13.03	13.52	13.15
	27	13.01	13.18	13.60	13.23
	28	13.27	13.42	13.83	13.45
	29	13.05	13.19	13.59	13.17
	30	12.83	13.05	13.35	13.00
	31	13.06	13.27	13.65	13.22
	32	12.64	12.66	13.07	12.72
	33	13.13	13.18	13.56	13.17
	34	13.33	13.46	13.45	13.51
	35	12.67	12.79	13.16	12.84
	36	12.94	13.06	13.48	13.04
	37	13.26	13.25	13.66	13.26
	38	13.15	13.45	13.46	13.51
	39	12.66	12.70	13.16	12.71
	40	12.71	12.81	13.26	12.80
	41	13.09	12.99	13.41	13.09
	42	13.20	13.39	13.77	13.36
	43	12.75	12.83	13.26	12.91
	44	12.92	12.97	13.48	13.02
	45	12.95	13.07	13.53	13.10
	46	13.54	13.77	13.73	13.78
	47	12.97	12.98	13.37	12.94
	48	13.04	13.18	13.56	13.08
	49	13.06	13.22	13.63	13.17
	50	12.76	12.89	13.28	12.86
	51	12.83	12.95	13.31	12.90
	52	13.01	13.18	13.56	13.18
	53	12.91	13.20	13.54	13.10
	54	13.10	13.27	13.57	13.16
	55	13.01	13.18	13.60	13.09
	56	13.10	13.25	13.63	13.15
	57	**13.67**	13.39	13.81	13.29
	58	13.30	13.40	13.81	13.35
	59	12.97	13.27	13.63	13.21
	60	13.06	13.22	13.64	13.19
	61	13.29	13.36	13.79	13.38
	62	12.76	12.95	13.25	12.89
	63	13.10	13.27	13.57	13.16
MIMO Power (dBm/10MHz)		31.10	31.23	31.61	31.23
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/10MHz)		45.55	45.68	46.06	45.68
e.i.r.p Limit (dBm/10MHz)		47.00			

Mid Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Power (dBm/10MHz)	0	12.85	12.78	13.38	12.98
	1	13.15	12.95	13.50	13.14
	2	13.01	12.77	13.39	13.03
	3	12.88	12.75	13.39	12.95
	4	12.91	12.76	13.37	12.92
	5	13.23	13.02	13.59	13.22
	6	13.08	12.86	13.58	13.17
	7	12.85	12.75	13.38	12.98
	8	12.85	12.63	13.22	12.90
	9	12.82	12.68	13.26	12.89
	10	13.07	12.80	13.49	13.03
	11	12.89	12.69	13.22	12.92
	12	13.30	13.12	13.73	13.30
	13	13.01	12.87	13.46	13.04
	14	13.02	12.90	13.48	13.09
	15	12.84	12.71	13.27	12.96
	16	13.03	12.86	13.44	13.08
	17	13.10	12.91	13.53	13.06
	18	12.95	12.77	13.34	12.88
	19	13.08	12.92	13.53	13.16
	20	13.44	13.29	13.81	13.50
	21	12.69	12.62	13.12	12.82
	22	13.11	12.94	13.51	13.13
	23	12.86	12.72	13.29	12.96
	24	13.01	12.82	13.43	13.02
	25	13.06	12.84	13.45	13.04
	26	12.94	12.71	13.35	12.92
	27	12.78	12.61	13.18	12.86
	28	13.04	12.94	13.48	13.08
	29	12.86	12.73	13.32	12.90
	30	13.01	12.80	13.38	13.05
	31	12.86	12.76	13.31	12.93
	32	12.91	12.68	13.18	12.72
	33	12.82	12.61	13.09	12.69
	34	13.17	12.97	13.52	13.06
	35	12.90	12.78	13.27	12.92
	36	13.08	12.92	13.38	12.98
	37	13.40	13.17	13.55	13.19
	38	13.15	13.10	13.66	13.20
	39	12.73	12.68	13.14	12.72
	40	12.85	12.71	13.23	12.77
	41	12.87	12.69	13.06	12.68
	42	12.97	12.74	13.34	12.93
	43	12.77	12.68	13.09	12.74
	44	13.34	13.18	13.64	13.25
	45	12.90	12.74	13.25	12.85
	46	13.14	13.00	13.52	13.13
	47	12.90	12.79	13.23	12.83
	48	13.08	12.86	13.35	13.00
	49	13.21	12.94	13.46	13.08
	50	12.91	12.88	13.22	12.83
	51	12.95	12.90	13.23	12.89
	52	13.28	13.30	13.58	13.19
	53	12.56	12.67	13.01	12.63
	54	12.91	12.88	13.20	12.82
	55	12.76	12.72	13.06	12.67
	56	13.04	13.06	13.37	13.01
	57	13.62	13.11	13.43	13.11
	58	13.12	13.05	13.37	13.05
	59	13.08	13.18	13.53	13.14
	60	13.16	13.11	13.38	13.04
	61	13.17	13.17	13.45	13.08
	62	13.07	13.04	13.32	12.99
	63	13.09	13.08	13.38	12.95
MIMO Power (dBm/10MHz)		31.07	30.94	31.43	31.05
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/10MHz)		45.52	45.39	45.88	45.50
e.i.r.p Limit (dBm/10MHz)		47.00			

High Channel	Port	QPSK	16QAM	64QAM	256QAM
Conducted Power (dBm/10MHz)	0	12.87	12.75	13.15	12.90
	1	13.00	12.99	13.38	13.01
	2	13.21	13.06	13.52	13.16
	3	13.12	13.08	13.37	13.12
	4	13.40	13.21	13.67	13.35
	5	13.19	13.04	13.37	13.14
	6	13.19	13.11	13.49	13.16
	7	13.09	12.97	13.29	13.09
	8	12.99	12.98	13.36	13.13
	9	12.79	12.90	13.36	13.11
	10	13.05	13.04	13.39	13.12
	11	13.06	12.99	13.34	13.07
	12	13.23	13.08	13.50	13.22
	13	12.93	12.81	13.23	12.98
	14	13.31	13.16	13.55	13.22
	15	13.03	12.83	13.28	12.98
	16	13.31	13.18	13.60	13.34
	17	13.15	13.05	13.47	13.14
	18	13.08	12.92	13.37	13.09
	19	13.31	13.14	13.55	13.25
	20	13.19	13.16	13.57	13.27
	21	12.98	12.85	13.28	13.00
	22	13.20	13.13	13.53	13.20
	23	13.01	12.82	13.22	12.98
	24	13.10	12.97	13.37	13.10
	25	13.10	12.88	13.34	13.09
	26	13.15	12.90	13.37	13.07
	27	12.93	12.82	13.23	13.01
	28	13.30	13.08	13.48	13.22
	29	13.15	12.93	13.32	13.07
	30	13.05	12.96	13.40	13.14
	31	12.99	12.82	13.29	13.00
	32	13.07	12.31	12.76	12.93
	33	13.05	12.38	12.82	12.99
	34	13.19	12.46	12.97	13.10
	35	13.08	12.29	12.88	13.07
	36	13.08	12.51	12.98	13.03
	37	13.14	12.22	12.96	13.03
	38	13.27	12.56	13.38	13.44
	39	12.98	12.07	12.80	12.93
	40	13.13	12.90	13.34	13.12
	41	13.18	12.87	13.37	13.06
	42	12.94	12.69	13.25	12.89
	43	13.22	12.91	13.36	13.17
	44	13.08	12.86	13.30	13.07
	45	12.99	12.71	13.13	12.92
	46	13.33	13.12	13.62	13.37
	47	13.16	12.92	13.31	13.09
	48	13.11	12.92	13.37	13.10
	49	13.04	12.75	13.22	12.93
	50	13.11	12.74	13.16	12.95
	51	12.99	12.76	13.12	12.88
	52	13.19	12.96	13.43	13.14
	53	12.82	12.77	13.22	12.97
	54	13.23	12.98	13.41	13.21
	55	13.12	12.84	13.25	12.96
	56	13.14	12.78	13.18	13.01
	57	13.40	12.88	13.31	13.14
	58	13.22	12.99	13.40	13.14
	59	13.29	13.09	13.47	13.29
	60	13.23	12.92	13.31	13.11
	61	13.12	12.92	13.34	13.05
	62	13.06	12.86	13.28	13.06
	63	13.05	12.88	13.25	13.03
MIMO Power (dBm/10MHz)		31.18	30.93	31.37	31.16
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/10MHz)		45.63	45.38	45.82	45.61
e.i.r.p Limit (dBm/10MHz)		47.00			

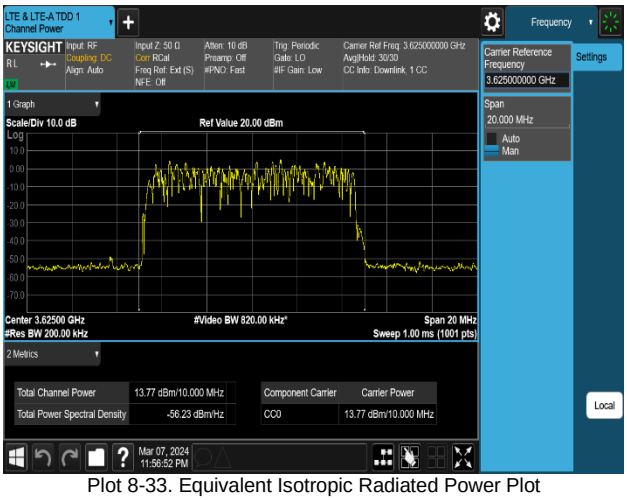
Table 8-18. Power Spectral Density Table (NR_1C_40M)

Low Channel	Port	NR_2C_20M+40M		NR_2C_40M+40M	
		QPSK	QAM	QPSK	QAM
Conducted Power (dBm/10MHz)	0	13.09	13.73	13.36	12.99
	1	13.41	13.25	13.69	13.41
	2	13.38	13.95	13.45	13.17
	3	13.41	13.16	13.43	13.20
	4	13.23	13.82	13.63	13.31
	5	13.53	13.31	13.70	13.39
	6	13.31	13.87	13.63	13.32
	7	13.36	13.14	13.46	13.18
	8	13.13	13.70	13.19	12.94
	9	13.36	13.13	13.48	13.20
	10	13.36	13.89	13.80	13.49
	11	13.32	13.87	13.52	13.17
	12	13.32	13.93	13.57	13.28
	13	13.43	13.92	13.61	13.36
	14	13.41	13.23	13.58	13.28
	15	13.20	13.82	13.28	12.96
	16	13.54	13.42	13.76	13.50
	17	13.63	13.35	13.69	13.35
	18	13.33	13.89	13.28	12.96
	19	13.44	13.30	13.60	13.33
	20	13.44	13.19	13.58	13.27
	21	13.27	13.86	13.28	13.08
	22	13.44	13.33	13.85	13.61
	23	13.25	13.90	13.35	13.06
	24	13.29	13.89	13.56	13.27
	25	13.39	13.27	13.57	13.38
	26	13.33	13.95	13.45	13.16
	27	13.38	**13.98**	13.50	13.26
	28	13.59	13.50	13.77	13.52
	29	13.42	13.30	13.51	13.23
	30	13.25	13.82	13.40	13.07
	31	13.49	13.41	13.61	13.30
	32	12.79	13.44	12.79	12.96
	33	13.27	13.88	13.34	13.27
	34	13.44	13.35	13.67	13.56
	35	13.10	13.69	12.89	12.96
	36	13.18	13.72	13.19	13.23
	37	13.30	13.87	13.47	13.36
	38	13.74	13.57	13.67	13.70
	39	13.13	13.75	13.02	12.89
	40	13.18	13.81	13.31	12.96
	41	13.26	13.90	13.65	13.23
	42	13.31	13.88	13.78	13.46
	43	13.09	13.67	13.33	13.00
	44	13.20	13.80	13.41	13.07
	45	13.21	13.78	13.47	13.20
	46	13.51	13.53	**14.27**	13.85
	47	13.29	13.12	13.42	13.05
	48	13.24	13.77	13.54	13.18
	49	13.30	13.88	13.56	13.25
	50	13.22	13.12	13.34	13.05
	51	13.11	13.71	13.39	13.04
	52	13.40	13.27	13.66	13.31
	53	13.47	13.35	13.65	13.34
	54	13.29	13.87	13.63	13.41
	55	13.26	13.81	13.64	13.24
	56	13.32	13.96	13.71	13.31
	57	13.53	13.41	13.71	13.46
	58	13.33	13.94	13.79	13.52
	59	13.43	13.32	13.75	13.35
	60	13.27	13.97	13.63	13.22
	61	13.41	13.31	13.73	13.48
	62	13.33	13.90	13.34	13.10
	63	13.37	13.25	13.72	13.28
MIMO Power (dBm/MHz)		31.39	31.69	31.59	31.32
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/MHz)		45.84	46.14	46.04	45.77
p Limit (dBm/MHz)		47.00			

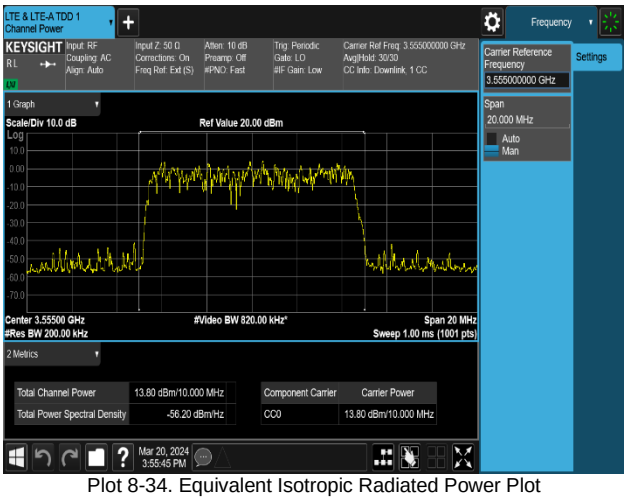
Mid Channel	Port	NR_2C_20M+40M		NR_2C_40M+40M	
		QPSK	QAM	QPSK	QAM
Conducted Power (dBm/10MHz)	0	12.89	13.04	12.92	13.25
	1	12.90	13.30	13.14	13.54
	2	12.75	13.09	13.06	13.33
	3	12.71	13.03	12.97	13.30
	4	12.61	12.94	12.90	13.18
	5	12.81	13.21	13.12	13.43
	6	12.84	13.12	12.93	13.28
	7	12.71	12.99	12.88	13.30
	8	12.49	12.80	12.70	13.13
	9	12.62	12.98	12.92	13.25
	10	12.85	13.17	13.03	13.40
	11	12.69	12.99	12.91	13.32
	12	12.90	13.23	13.18	13.49
	13	12.73	13.12	13.02	13.38
	14	12.97	13.25	13.18	13.48
	15	12.60	12.87	12.85	13.17
	16	12.92	13.23	13.09	13.51
	17	12.82	13.09	13.03	13.33
	18	12.68	12.93	12.85	13.20
	19	12.66	13.04	13.01	13.27
	20	13.01	13.40	13.10	13.46
	21	12.35	12.66	12.59	12.95
	22	12.86	13.13	13.07	13.45
	23	12.64	12.88	12.87	13.17
	24	12.85	13.16	13.08	13.44
	25	12.76	13.13	13.08	13.35
	26	12.69	13.02	12.88	13.31
	27	12.75	12.94	12.91	13.31
	28	12.91	13.21	13.13	13.46
	29	12.62	12.89	12.76	13.11
	30	12.78	13.04	12.99	13.31
	31	12.75	13.07	13.04	13.33
	32	12.55	12.94	12.86	13.22
	33	12.58	12.97	12.95	13.23
	34	12.93	13.25	13.01	13.29
	35	12.65	13.06	12.96	13.31
	36	12.74	13.10	13.05	13.34
	37	12.87	13.28	13.18	13.56
	38	13.07	13.43	13.39	13.69
	39	12.55	12.89	12.78	13.09
	40	12.48	12.86	12.70	12.98
	41	12.61	13.05	12.91	13.23
	42	12.60	12.95	12.96	13.37
	43	12.47	12.77	12.76	13.17
	44	12.89	13.27	13.11	13.45
	45	12.59	12.89	12.86	13.19
	46	12.91	13.32	13.29	13.61
	47	12.59	12.96	12.87	13.24
	48	12.65	13.09	12.99	13.36
	49	12.81	13.24	13.16	13.44
	50	12.56	12.92	12.91	13.19
	51	12.64	12.99	12.90	13.21
	52	12.84	13.15	13.05	13.50
	53	12.50	12.89	12.83	13.18
	54	12.74	13.09	12.91	13.34
	55	12.48	12.84	12.75	13.10
	56	12.82	13.11	12.84	13.17
	57	12.81	13.12	13.13	13.43
	58	12.83	13.20	13.10	13.41
	59	12.86	13.17	13.18	13.48
	60	12.84	13.13	13.11	13.37
	61	12.85	13.27	13.16	13.53
	62	12.71	13.04	12.95	13.28
	63	12.72	13.11	13.04	13.44
MIMO Power (dBm/MHz)		30.80	31.13	31.05	31.39
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/MHz)		45.25	45.58	45.50	45.84
p Limit (dBm/MHz)		47.00			

High Channel	Port	NR_2C_20M+40M		NR_2C_40M+40M	
		QPSK	QAM	QPSK	QAM
Conducted Power (dBm/10MHz)	0	12.82	12.89	12.67	13.18
	1	12.97	13.09	12.79	13.20
	2	13.09	13.16	12.88	13.32
	3	13.10	13.13	12.81	13.19
	4	13.36	13.31	12.79	13.24
	5	13.24	13.28	12.97	13.43
	6	13.20	13.27	12.99	13.46
	7	13.09	13.14	12.75	13.15
	8	13.05	13.06	12.67	13.15
	9	13.05	13.08	12.67	13.10
	10	13.08	13.17	12.85	13.30
	11	13.08	13.19	12.70	13.16
	12	13.38	13.43	13.03	13.57
	13	12.99	13.13	12.80	13.28
	14	13.21	13.25	12.87	13.40
	15	12.97	13.12	12.65	13.17
	16	13.24	13.25	12.80	13.30
	17	13.07	13.25	12.80	13.35
	18	13.09	13.12	12.81	13.20
	19	13.20	13.19	12.94	13.36
	20	13.43	13.61	13.20	13.72
	21	12.94	12.84	12.42	12.92
	22	13.15	13.11	12.92	13.35
	23	12.94	12.97	12.63	13.10
	24	12.99	13.13	12.73	13.18
	25	13.02	13.02	12.78	13.26
	26	13.08	13.15	12.83	13.27
	27	13.14	13.22	12.68	13.16
	28	13.17	13.38	12.89	13.32
	29	12.96	13.03	12.74	13.16
	30	13.07	13.15	12.76	13.17
	31	12.88	13.00	12.63	13.09
	32	12.95	13.00	12.58	12.94
	33	12.95	13.00	12.47	12.89
	34	13.17	13.16	13.06	13.52
	35	13.11	13.19	12.72	13.18
	36	12.99	13.12	12.73	13.22
	37	13.07	13.19	12.93	13.42
	38	13.43	13.50	13.20	13.58
	39	12.89	13.09	12.59	13.02
	40	13.04	13.07	12.68	13.06
	41	13.10	13.16	12.82	13.17
	42	12.96	13.06	12.84	13.23
	43	13.20	13.20	12.63	13.08
	44	13.19	13.21	12.99	13.50
	45	12.89	13.03	12.58	13.05
	46	13.38	13.34	12.98	13.49
	47	13.13	13.12	12.73	13.13
	48	13.12	13.15	12.74	13.17
	49	13.01	13.22	12.87	13.30
	50	12.98	13.08	12.71	13.24
	51	12.92	13.06	12.63	13.16
	52	13.12	13.22	12.97	13.38
	53	12.92	13.00	12.52	12.96
	54	13.21	13.21	12.94	13.36
	55	13.01	13.05	12.63	13.14
	56	12.99	13.12	12.98	13.41
	57	13.02	13.24	12.86	13.36
	58	13.19	13.31	12.85	13.36
	59	13.28	13.28	13.02	13.47
	60	13.05	13.10	12.72	13.17
	61	13.01	13.04	12.70	13.15
	62	13.02	13.16	12.87	13.32
	63	13.00	12.97	12.67	13.18
MIMO Power (dBm/MHz)		31.15	31.22	30.86	31.31
Common Ant. Gain (dBi)		14.45	14.45	14.45	14.45
e.i.r.p PSD (dBm/MHz)		45.60	45.67	45.31	45.76
p Limit (dBm/MHz)		47.00			

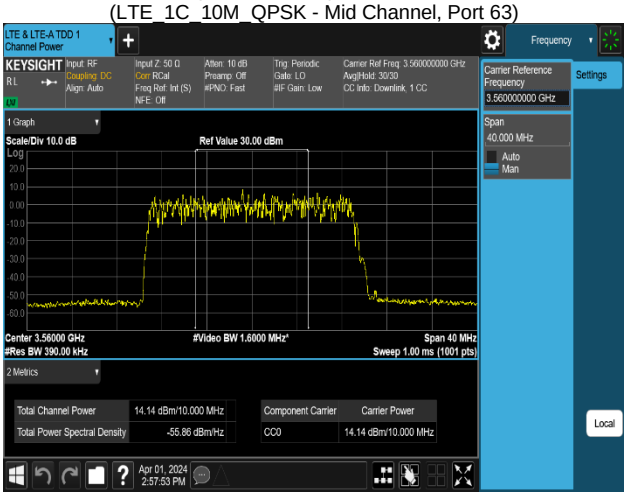
Table 8-19. Power Spectral Density Table (NR_Multi-carrier)



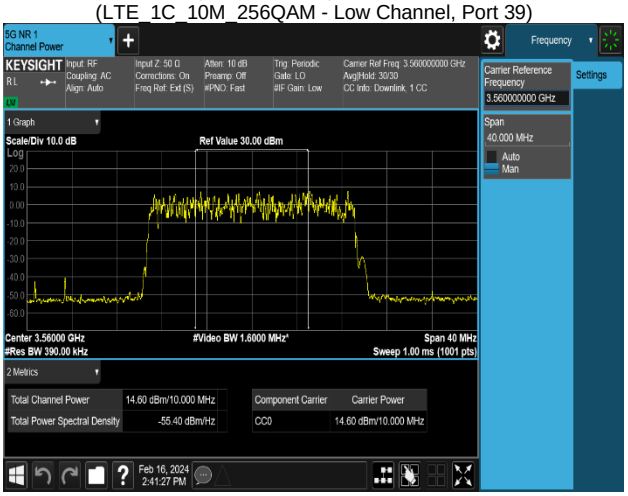
Plot 8-33. Equivalent Isotropic Radiated Power Plot
(LTE_1C_10M_QPSK - Mid Channel, Port 63)



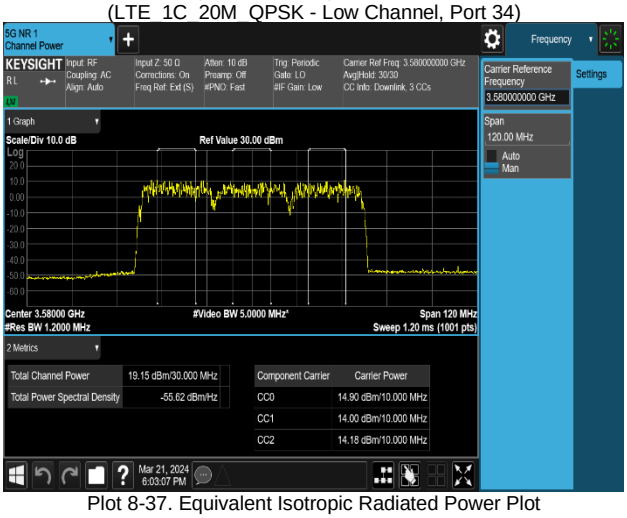
Plot 8-34. Equivalent Isotropic Radiated Power Plot
(LTE_1C_10M_256QAM - Low Channel, Port 39)



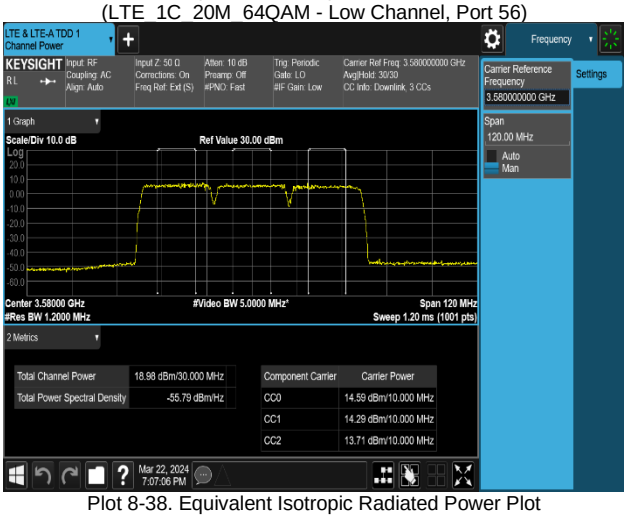
Plot 8-35. Equivalent Isotropic Radiated Power Plot
(LTE_1C_20M_QPSK - Low Channel, Port 34)



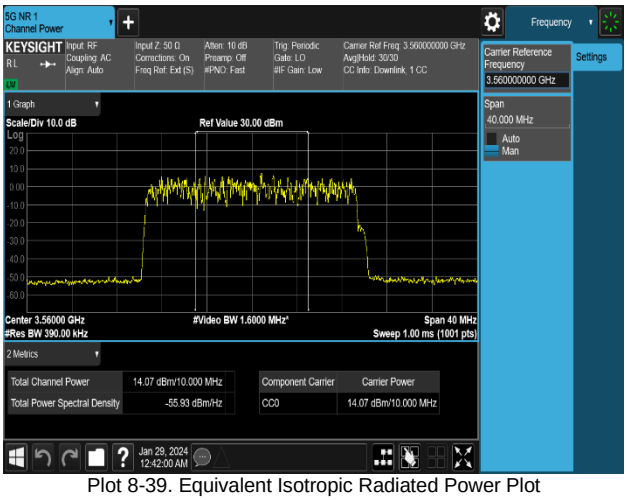
Plot 8-36. Equivalent Isotropic Radiated Power Plot
(LTE_1C_20M_64QAM - Low Channel, Port 56)



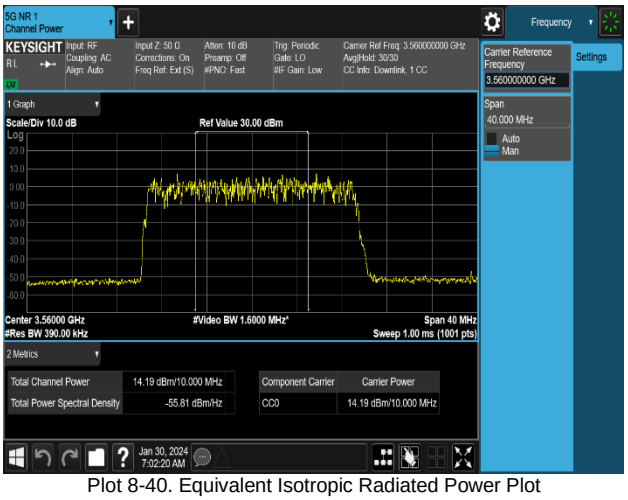
Plot 8-37. Equivalent Isotropic Radiated Power Plot
(LTE_3C_ 20M+20M+20M_QPSK - Low Channel, Port 34)



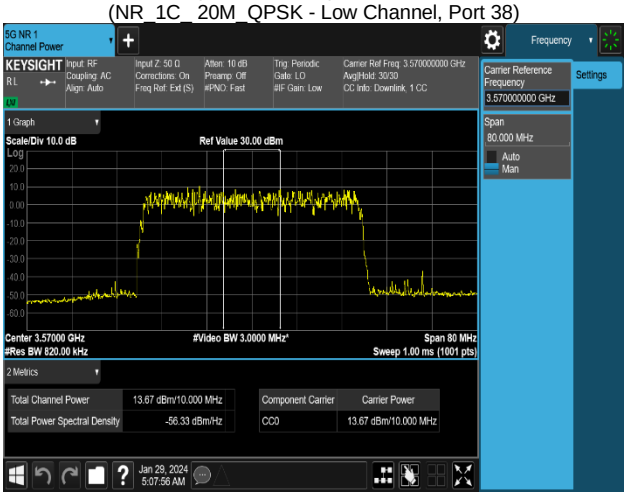
Plot 8-38. Equivalent Isotropic Radiated Power Plot
(LTE_3C_ 20M+20M+20M_16QAM - Low Channel, Port 34)



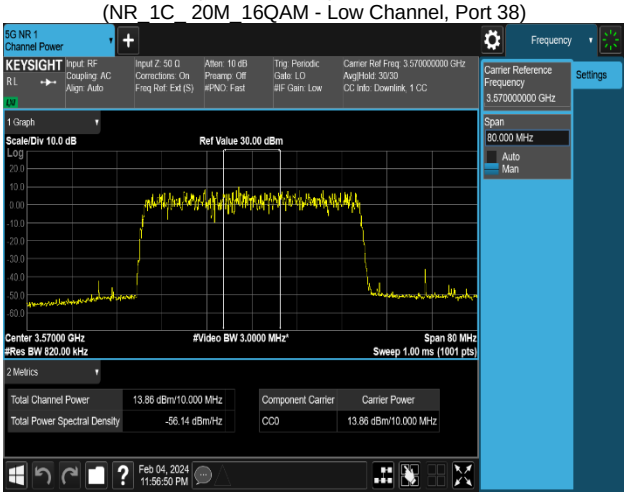
Plot 8-39. Equivalent Isotropic Radiated Power Plot
(NR_1C_20M_QPSK - Low Channel, Port 38)



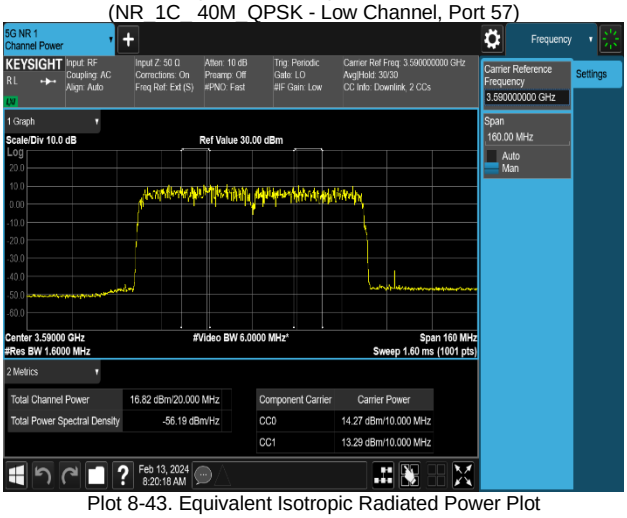
Plot 8-40. Equivalent Isotropic Radiated Power Plot
(NR_1C_20M_16QAM - Low Channel, Port 38)



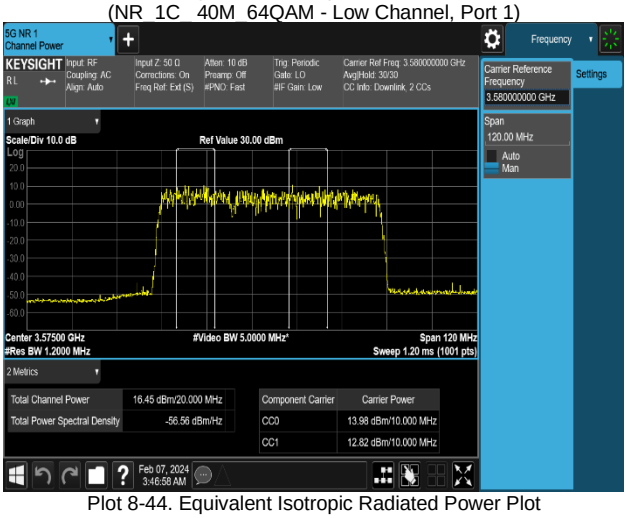
Plot 8-41. Equivalent Isotropic Radiated Power Plot
(NR_1C_40M_QPSK - Low Channel, Port 57)



Plot 8-42. Equivalent Isotropic Radiated Power Plot
(NR_1C_40M_64QAM - Low Channel, Port 1)



Plot 8-43. Equivalent Isotropic Radiated Power Plot
(NR_2C_40M+40M_QPSK - Low Channel, Port 46)



Plot 8-44. Equivalent Isotropic Radiated Power Plot
(NR_2C_20M+20M_16QAM - Low Channel, Port 27)

8.5 Peak To Average Power Ratio (PAPR)

Test Overview

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

Test Procedure Used

ANSI C63.26 - Section 5.2.3.4.
KDB 971168 D01 v03r01 - Section 5.7

Test Setting

The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The spectrum analyzer settings were as follows:

1. The signal analyzer's CCDF function is enabled.
2. Frequency = carrier center frequency
3. Measurement BW ≥ OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed.
   For continuous signals (>98% duty cycle), the measurement interval was set to 1ms.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

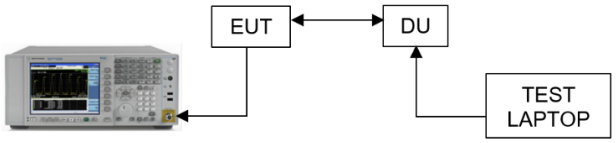


Figure 8-4. Test Instrument & Measurement Setup

Limit

§ 96.41 (g)
Peak-to-average power ratio (PAPR) limit shall not exceed 13 dB for more than 0.1% of the time.

Low Channel	Port	QPSK	16QAM	64QAM	256QAM
Peak to average ratio (dB)	0	8.41	8.50	8.33	8.73
	1	8.43	8.50	8.33	8.74
	2	8.48	8.53	8.40	8.65
	3	**8.53**	8.51	8.39	8.65
	4	8.45	8.52	8.34	8.80
	5	8.43	8.48	8.32	**8.82**
	6	8.51	8.50	8.40	8.69
	7	8.50	8.42	8.35	8.76
	8	8.39	8.52	8.33	8.62
	9	8.41	8.51	8.30	8.69
	10	8.29	8.51	8.35	8.71
	11	8.29	8.53	8.35	8.68
	12	8.44	8.49	8.27	8.55
	13	8.41	8.50	8.27	8.63
	14	8.34	8.51	8.29	8.70
	15	8.26	8.50	8.28	8.82
	16	8.23	8.51	8.30	8.47
	17	8.17	8.51	8.39	8.66
	18	8.39	8.51	8.26	8.57
	19	8.41	8.53	8.26	8.56
	20	8.27	8.46	8.26	8.46
	21	8.20	8.51	8.34	8.60
	22	8.42	8.49	8.27	8.64
	23	8.37	8.52	8.28	8.65
	24	8.33	8.49	8.28	8.61
	25	8.38	8.56	8.31	8.41
	26	8.34	8.52	8.25	8.58
	27	8.33	8.50	8.32	8.51
	28	8.43	8.51	8.38	8.48
	29	8.39	8.51	8.38	8.67
	30	8.31	8.52	8.32	8.42
	31	8.31	8.51	8.32	8.65
	32	8.28	8.55	8.33	8.74
	33	8.27	8.56	8.38	8.58
	34	8.47	8.55	8.41	8.76
	35	8.48	8.52	8.43	8.65
	36	8.26	8.50	8.31	8.61
	37	8.23	8.52	8.35	8.73
	38	8.47	8.55	8.46	8.63
	39	8.51	8.51	8.48	8.62
	40	8.25	8.53	8.36	8.68
	41	8.24	8.51	8.33	8.59
	42	8.28	8.53	8.40	8.57
	43	8.30	8.55	8.45	8.58
	44	8.29	8.54	8.34	8.64
	45	8.26	8.59	8.32	8.01
	46	8.29	8.53	8.45	8.64
	47	8.36	8.53	8.45	8.45
	48	8.38	8.54	8.40	8.65
	49	8.40	8.53	8.23	8.52
	50	8.48	8.54	8.41	8.62
	51	8.47	8.51	8.41	8.64
	52	8.43	8.54	8.26	8.58
	53	8.39	8.56	8.26	8.71
	54	8.45	8.56	8.27	8.57
	55	8.48	8.52	8.26	8.59
	56	8.41	8.51	8.28	8.59
	57	8.37	8.53	8.32	8.57
	58	8.48	8.54	8.24	8.56
	59	8.46	8.52	8.28	8.67
	60	8.41	8.52	8.28	8.65
	61	8.36	8.51	8.30	8.67
	62	8.37	8.51	8.27	8.71
	63	8.50	8.55	8.31	8.41

Mid Channel	Port	QPSK	16QAM	64QAM	256QAM
Peak to average ratio (dB)	0	8.52	8.51	8.21	8.61
	1	8.50	8.56	8.20	8.60
	2	8.26	8.52	8.29	8.53
	3	8.29	8.52	8.28	8.55
	4	8.52	8.48	8.21	8.62
	5	8.52	8.51	8.22	8.62
	6	8.34	8.54	8.28	8.54
	7	8.31	8.53	8.29	8.54
	8	8.49	8.52	8.22	8.61
	9	8.50	8.53	8.24	8.62
	10	8.31	8.56	8.31	8.56
	11	8.31	8.53	8.31	8.54
	12	8.36	8.53	8.28	8.67
	13	8.39	8.53	8.27	8.58
	14	8.27	8.54	8.36	8.56
	15	8.27	8.52	8.40	8.53
	16	8.35	8.52	8.44	8.60
	17	8.34	8.40	8.16	8.52
	18	8.32	8.51	8.36	8.65
	19	8.34	8.53	8.41	8.70
	20	8.33	8.47	8.47	8.63
	21	8.37	8.52	8.20	8.50
	22	8.33	8.49	8.39	8.66
	23	8.33	8.51	8.38	8.63
	24	8.35	8.52	8.46	8.60
	25	8.35	8.49	8.46	8.63
	26	8.33	8.50	8.46	8.51
	27	8.32	8.53	8.46	8.55
	28	8.35	8.55	8.39	8.52
	29	8.35	8.50	8.34	8.50
	30	8.34	8.43	8.46	8.57
	31	8.31	8.52	8.44	8.52
	32	8.37	8.56	8.22	8.57
	33	8.38	8.57	8.20	8.51
	34	8.48	8.55	8.25	8.52
	35	8.51	8.54	8.24	8.52
	36	8.34	8.53	8.19	8.55
	37	8.36	8.54	8.18	8.56
	38	8.49	8.55	8.25	8.49
	39	8.51	8.55	8.25	8.51
	40	8.32	8.56	8.18	8.52
	41	8.36	8.52	8.19	8.51
	42	8.31	8.53	8.23	8.51
	43	8.32	8.73	8.25	8.49
	44	8.35	8.56	8.21	8.54
	45	8.36	8.52	8.21	8.50
	46	8.39	8.52	8.26	8.52
	47	8.38	8.52	8.28	8.48
	48	8.34	8.55	8.34	8.52
	49	8.34	8.56	8.22	8.68
	50	8.35	8.53	8.46	8.58
	51	8.33	8.53	8.47	8.59
	52	8.34	8.52	8.46	8.51
	53	8.35	8.50	8.27	8.62
	54	8.34	8.53	8.43	8.56
	55	8.35	8.54	8.40	8.55
	56	8.35	8.59	8.45	8.52
	57	8.36	8.58	8.45	8.51
	58	8.33	8.52	8.40	8.46
	59	8.32	8.52	8.39	8.47
	60	8.34	8.54	8.45	8.52
	61	8.35	8.54	8.45	8.57
	62	8.34	8.58	8.39	8.55
	63	8.51	8.57	8.39	8.49

High Channel	Port	QPSK	16QAM	64QAM	256QAM
Peak to average ratio (dB)	0	8.17	8.53	8.47	8.60
	1	8.16	8.53	8.50	8.63
	2	8.03	8.52	8.37	8.62
	3	8.00	8.53	8.36	8.58
	4	8.22	8.54	8.49	8.61
	5	8.21	8.50	8.48	8.62
	6	7.90	8.52	8.38	8.61
	7	7.99	8.53	8.38	8.61
	8	8.25	8.53	8.49	8.63
	9	8.18	8.52	8.48	8.67
	10	8.17	8.51	8.38	8.65
	11	8.16	8.53	8.36	8.58
	12	8.19	8.49	8.47	8.59
	13	8.17	8.53	8.48	8.60
	14	8.13	8.54	8.38	8.65
	15	8.12	8.53	8.36	8.61
	16	8.17	8.51	8.37	8.62
	17	8.18	8.52	8.26	8.59
	18	8.14	8.52	8.40	8.54
	19	8.17	8.53	8.41	8.55
	20	8.14	8.50	8.35	8.60
	21	8.18	8.51	8.26	8.56
	22	8.11	8.52	8.39	8.57
	23	8.17	8.52	8.40	8.56
	24	8.17	8.50	8.34	8.57
	25	8.17	8.51	8.36	8.57
	26	8.15	8.51	8.41	8.51
	27	8.16	8.51	8.40	8.52
	28	8.18	8.52	8.44	8.50
	29	8.19	8.50	8.38	8.49
	30	8.17	8.55	8.39	8.48
	31	8.18	8.52	8.41	8.47
	32	8.32	8.56	8.42	8.50
	33	8.36	8.55	8.44	8.46
	34	8.04	8.56	8.35	8.48
	35	8.06	8.61	8.36	8.51
	36	8.44	8.56	8.42	8.43
	37	8.41	8.57	8.42	8.42
	38	8.06	8.54	8.35	8.46
	39	8.06	8.56	8.34	8.53
	40	8.32	8.57	8.43	8.44
	41	8.27	8.54	8.41	8.44
	42	8.18	8.53	8.34	8.51
	43	8.19	8.54	8.34	8.51
	44	8.29	8.52	8.42	8.51
	45	8.27	8.54	8.43	8.46
	46	8.17	8.53	8.34	8.49
	47	8.17	8.53	8.33	8.47
	48	8.19	8.54	8.37	8.44
	49	8.19	8.56	8.25	8.59
	50	8.17	8.53	8.41	8.50
	51	8.18	8.52	8.42	8.44
	52	8.18	8.54	8.48	8.46
	53	8.19	8.53	8.29	8.57
	54	8.18	8.55	8.43	8.53
	55	8.18	8.53	8.43	8.50
	56	8.20	8.56	8.47	8.48
	57	8.19	8.55	8.47	8.46
	58	8.33	8.53	8.47	8.50
	59	8.32	8.55	8.47	8.48
	60	8.30	8.52	8.45	8.50
	61	8.31	8.54	8.46	8.47
	62	8.32	8.54	8.45	8.47
	63	8.31	8.52	8.45	8.45

Table 8-20. Peak To Average Power Ratio Table (LTE_1C_10M)

Low Channel	Port	QPSK	16QAM	64QAM	256QAM
Peak to average ratio (dB)	0	8.68	8.52	8.53	8.70
	1	8.69	8.57	8.52	8.63
	2	8.75	8.53	8.49	8.67
	3	8.77	8.51	8.51	8.67
	4	8.68	8.55	8.52	8.56
	5	8.71	8.55	8.52	8.54
	6	8.77	8.50	8.46	8.70
	7	8.74	8.51	8.48	8.69
	8	8.67	8.51	8.48	8.52
	9	8.67	8.53	8.49	8.52
	10	8.70	8.53	8.49	8.72
	11	8.69	8.50	8.46	8.70
	12	8.64	8.53	8.47	8.51
	13	8.64	8.54	8.47	8.54
	14	8.70	8.52	8.49	8.71
	15	8.67	8.53	8.49	8.68
	16	8.71	8.53	8.42	8.67
	17	8.71	8.51	8.41	8.68
	18	8.74	8.51	8.35	8.68
	19	8.77	8.54	8.30	8.66
	20	8.73	8.44	8.45	8.66
	21	8.76	8.54	8.43	8.64
	22	8.75	8.54	8.34	8.65
	23	8.72	8.53	8.36	8.55
	24	8.73	8.52	8.48	8.52
	25	8.75	8.53	8.46	8.53
	26	8.66	8.53	8.41	8.52
	27	8.67	8.51	8.37	8.53
	28	8.75	8.51	8.48	8.56
	29	8.74	8.54	8.46	8.54
	30	8.61	8.54	8.45	8.51
	31	8.65	8.54	8.38	8.56
	32	8.75	8.55	8.52	8.68
	33	8.77	8.57	8.54	8.67
	34	8.67	8.57	8.48	8.53
	35	8.67	8.52	8.46	8.52
	36	8.68	8.56	8.55	8.66
	37	8.68	8.54	8.55	8.67
	38	8.70	8.55	8.51	8.53
	39	8.68	8.52	8.50	8.53
	40	8.69	8.51	8.53	8.59
	41	8.67	8.53	8.50	8.64
	42	8.69	8.56	8.51	8.53
	43	8.72	8.56	8.48	8.53
	44	8.70	8.54	8.57	8.66
	45	8.68	8.53	8.50	8.67
	46	8.73	8.53	8.49	8.52
	47	8.69	8.52	8.51	8.53
	48	8.75	8.55	8.47	8.57
	49	8.74	8.53	8.49	8.57
	50	8.71	8.56	8.44	8.54
	51	8.71	8.53	8.42	8.54
	52	8.74	8.52	8.47	8.52
	53	8.72	8.53	8.46	8.53
	54	8.76	8.53	8.43	8.53
	55	8.74	8.50	8.44	8.53
	56	8.72	8.39	8.48	8.55
	57	8.70	8.53	8.49	8.53
	58	8.76	8.52	8.42	8.54
	59	8.74	8.54	8.44	8.53
	60	8.70	8.55	8.48	8.54
	61	8.70	8.53	8.48	8.53
	62	8.75	8.55	8.46	8.54
	63	8.74	8.53	8.48	8.53

Mid Channel	Port	QPSK	16QAM	64QAM	256QAM
Peak to average ratio (dB)	0	8.75	8.46	8.45	8.46
	1	8.76	8.53	8.40	8.48
	2	8.74	8.52	8.50	8.65
	3	8.75	8.55	8.49	8.67
	4	8.75	8.54	8.33	8.47
	5	8.75	8.52	8.27	8.47
	6	8.74	8.53	8.49	8.71
	7	8.73	8.54	8.43	8.73
	8	8.77	8.52	8.28	8.56
	9	8.76	8.55	8.27	8.55
	10	8.72	8.54	8.32	8.73
	11	8.72	8.54	8.29	**8.74**
	12	8.79	8.53	8.35	8.55
	13	8.75	8.45	8.41	8.55
	14	8.75	8.50	8.26	8.72
	15	8.75	8.51	8.27	8.74
	16	8.64	8.53	8.37	8.70
	17	8.67	8.55	8.37	8.68
	18	8.63	8.53	8.27	8.62
	19	8.65	8.53	8.27	8.63
	20	8.70	8.53	8.42	8.66
	21	8.67	8.52	8.42	8.64
	22	8.62	8.52	8.33	8.60
	23	8.64	8.50	8.37	8.61
	24	8.66	8.53	8.46	8.63
	25	8.65	8.52	8.49	8.63
	26	8.66	8.55	8.44	8.59
	27	8.74	8.44	8.49	8.60
	28	8.74	8.52	8.32	8.62
	29	8.75	8.53	8.30	8.61
	30	8.69	8.52	8.53	8.57
	31	8.68	8.54	8.49	8.57
	32	8.68	8.50	8.26	8.51
	33	8.68	8.49	8.52	8.53
	34	8.73	8.48	8.41	8.57
	35	8.70	8.49	8.41	8.58
	36	8.70	8.50	8.47	8.54
	37	8.68	8.49	8.49	8.59
	38	8.72	8.47	8.39	8.54
	39	8.71	8.47	8.37	8.54
	40	8.65	8.53	8.48	8.55
	41	8.64	8.53	8.47	8.56
	42	8.73	8.56	8.34	8.55
	43	8.73	8.52	8.34	8.55
	44	8.66	8.52	8.45	8.55
	45	8.64	8.51	8.47	8.56
	46	8.73	8.53	8.37	8.57
	47	8.69	8.54	8.37	8.59
	48	8.74	8.54	8.37	8.53
	49	8.74	8.54	8.40	8.54
	50	8.70	8.53	8.24	8.46
	51	8.70	8.54	8.24	8.49
	52	8.70	8.54	8.40	8.56
	53	8.72	8.53	8.40	8.56
	54	8.70	8.52	8.25	8.61
	55	8.68	8.53	8.25	8.60
	56	8.70	8.43	8.42	8.59
	57	8.70	8.48	8.42	8.59
	58	8.69	8.48	8.25	8.59
	59	8.67	8.49	8.24	8.60
	60	8.70	8.48	8.47	8.59
	61	8.71	8.45	8.48	8.60
	62	8.68	8.50	8.51	8.59
	63	8.70	8.47	8.48	8.61

High Channel	Port	QPSK	16QAM	64QAM	256QAM
Peak to average ratio (dB)	0	8.71	8.54	8.41	8.54
	1	8.72	8.52	8.42	8.60
	2	8.71	8.52	8.27	8.57
	3	8.69	8.52	8.23	8.58
	4	8.64	8.51	8.41	8.51
	5	8.64	8.52	8.41	8.54
	6	8.73	8.51	8.22	8.56
	7	8.73	8.53	8.28	8.56
	8	8.65	8.52	8.40	8.53
	9	8.68	8.53	8.41	8.59
	10	8.72	8.51	8.32	8.52
	11	8.72	8.51	8.33	8.54
	12	8.67	8.56	8.42	8.55
	13	8.71	8.54	8.24	8.61
	14	8.72	8.60	8.35	8.65
	15	8.73	8.52	8.33	8.66
	16	8.72	8.52	8.43	8.56
	17	8.71	8.52	8.38	8.59
	18	8.67	8.52	8.31	8.65
	19	8.69	8.51	8.31	8.60
	20	8.72	8.52	8.42	8.62
	21	8.68	8.53	8.39	8.61
	22	8.74	8.50	8.38	8.63
	23	8.74	8.53	8.31	8.59
	24	8.74	8.54	8.38	8.63
	25	8.75	8.53	8.33	8.62
	26	8.71	8.54	8.30	8.59
	27	8.72	8.52	8.32	8.57
	28	**8.85**	8.54	8.42	8.62
	29	8.76	8.56	8.40	8.61
	30	8.75	8.53	8.39	8.61
	31	8.79	8.51	8.38	8.59
	32	8.68	8.47	8.32	8.67
	33	8.68	8.49	8.33	8.71
	34	8.76	8.69	8.31	8.55
	35	8.77	8.48	8.36	8.55
	36	8.67	8.46	8.23	8.64
	37	8.69	8.47	8.25	8.67
	38	8.74	8.52	8.35	8.54
	39	8.73	8.50	8.32	8.55
	40	8.74	8.52	8.55	8.64
	41	8.71	8.55	8.54	8.42
	42	8.74	8.50	8.48	8.65
	43	8.72	8.54	8.50	8.62
	44	8.75	8.57	8.54	8.49
	45	8.75	8.55	8.55	8.47
	46	8.70	8.54	8.49	8.63
	47	8.69	8.53	8.49	8.66
	48	8.80	8.53	8.41	8.50
	49	8.80	8.53	8.42	8.52
	50	8.79	8.56	8.45	8.73
	51	8.77	8.53	8.44	8.74
	52	8.81	8.54	8.41	8.57
	53	8.79	8.54	8.43	8.57
	54	8.81	8.55	8.49	8.74
	55	8.80	8.52	8.49	8.72
	56	8.80	8.49	8.49	8.50
	57	8.79	8.46	8.51	8.50
	58	8.79	8.47	8.48	8.62
	59	8.80	8.47	8.48	8.62
	60	8.81	8.49	8.51	8.44
	61	8.80	8.51	8.50	8.47
	62	8.78	8.50	8.49	8.57
	63	8.79	8.48	8.50	8.59

Table 8-21. Peak To Average Power Ratio Table (LTE_1C_20M)

CH	LTE_2C_ 20M+20M	LTE_3C_ 10M+10M+10M	LTE_3C_ 10M+20M+20M	LTE_3C_ 20M+20M+20M
	QPSK	QPSK	QPSK	QPSK
Low	8.60	**8.89**	8.35	**8.54**
Mid	8.52	8.69	8.45	8.42
High	**8.70**	8.68	**8.48**	9.16

Table 8-22. Peak To Average Power Ratio Table (LTE_Multi-carrier)

Low Channel	Port	QPSK	16QAM	64QAM	256QAM
Peak to average ratio (dB)	0	8.37	8.39	8.55	8.23
	1	8.38	8.43	8.55	8.24
	2	8.37	8.55	8.57	8.41
	3	8.39	8.53	8.63	8.40
	4	8.37	8.53	8.51	8.24
	5	8.38	8.60	8.64	8.24
	6	8.38	8.51	8.63	8.40
	7	8.37	8.54	8.70	8.38
	8	8.37	8.45	8.67	8.23
	9	8.37	8.53	8.69	8.23
	10	8.41	8.39	8.59	8.39
	11	8.41	8.41	8.58	8.41
	12	8.39	8.34	8.52	8.25
	13	8.38	8.57	8.56	8.25
	14	8.40	8.46	8.59	8.41
	15	8.39	8.53	8.75	8.40
	16	8.16	8.46	8.63	8.24
	17	8.18	8.60	8.65	8.23
	18	8.35	8.63	8.72	8.24
	19	8.34	8.54	8.69	8.24
	20	8.19	8.45	8.61	8.24
	21	8.24	8.42	8.64	8.23
	22	8.36	8.48	8.65	8.25
	23	8.35	8.53	8.63	8.23
	24	8.23	8.61	8.66	8.25
	25	8.23	8.63	8.66	8.23
	26	8.35	8.60	8.67	8.25
	27	8.35	8.51	8.72	8.25
	28	8.24	8.58	8.76	8.23
	29	8.24	8.60	8.68	8.36
	30	8.36	8.61	8.68	8.36
	31	8.36	8.51	8.67	8.35
	32	8.36	8.61	8.66	8.35
	33	8.36	8.46	**8.76**	8.35
	34	8.38	8.54	8.59	8.33
	35	8.38	8.62	8.65	8.38
	36	8.15	8.49	8.61	8.36
	37	8.15	8.48	8.60	8.36
	38	8.14	8.59	8.53	8.36
	39	8.14	8.55	8.40	8.36
	40	8.16	8.65	8.41	8.37
	41	8.14	8.59	8.30	8.36
	42	8.15	8.55	8.59	8.35
	43	8.15	8.63	8.46	8.30
	44	8.18	8.46	8.59	8.39
	45	8.16	8.48	8.51	8.39
	46	8.18	8.60	8.21	8.29
	47	8.16	8.60	8.23	8.29
	48	8.40	8.58	8.27	8.36
	49	8.42	8.59	8.29	8.36
	50	8.21	8.55	8.31	8.38
	51	8.21	8.51	8.36	8.37
	52	8.40	8.61	8.31	8.37
	53	8.41	8.57	8.34	8.34
	54	8.24	8.52	8.40	8.37
	55	8.22	8.44	8.41	8.37
	56	8.41	8.47	8.41	8.38
	57	8.40	8.53	8.44	8.36
	58	8.22	8.55	8.35	8.37
	59	8.22	8.65	8.35	8.35
	60	8.41	8.61	8.39	8.36
	61	8.41	8.46	8.39	8.36
	62	8.23	8.47	8.35	8.37
	63	8.22	8.57	8.36	8.37

Mid Channel	Port	QPSK	16QAM	64QAM	256QAM
Peak to average ratio (dB)	0	8.24	8.38	8.21	8.27
	1	8.29	8.44	8.20	8.30
	2	8.35	8.41	8.21	8.27
	3	8.36	8.37	8.19	8.28
	4	8.21	8.37	8.18	8.34
	5	8.28	8.37	8.21	8.35
	6	8.31	8.39	8.19	8.34
	7	8.34	8.38	8.21	8.32
	8	8.24	8.37	8.19	8.34
	9	8.27	8.39	8.19	8.34
	10	8.34	8.42	8.21	8.34
	11	8.35	8.39	8.20	8.32
	12	8.22	8.39	8.22	8.35
	13	8.27	8.39	8.21	8.33
	14	8.34	8.41	8.21	8.28
	15	8.35	8.42	8.19	8.28
	16	8.21	8.52	8.61	8.42
	17	8.14	8.50	8.57	8.44
	18	8.17	8.43	8.31	8.38
	19	8.19	8.43	8.32	8.38
	20	8.13	8.48	8.59	8.43
	21	8.17	8.48	8.59	8.43
	22	8.23	8.48	8.31	8.37
	23	8.28	8.45	8.32	8.37
	24	8.17	8.44	8.60	8.43
	25	8.14	8.45	8.57	8.47
	26	8.21	8.49	8.38	8.36
	27	8.19	8.49	8.36	8.38
	28	8.19	8.41	8.58	8.41
	29	8.18	8.42	8.56	8.44
	30	8.24	8.44	8.38	8.39
	31	8.16	8.41	8.35	8.35
	32	**8.48**	8.43	8.28	8.37
	33	8.40	8.42	8.30	8.35
	34	8.19	8.43	8.25	8.32
	35	8.21	8.42	8.26	8.31
	36	8.38	8.40	8.27	8.32
	37	8.41	8.44	8.30	8.35
	38	8.19	8.40	8.25	8.31
	39	8.20	8.40	8.27	8.32
	40	8.35	8.41	8.26	8.33
	41	8.38	8.45	8.26	8.35
	42	8.19	8.42	8.26	8.35
	43	8.20	8.42	8.26	8.34
	44	8.34	8.44	8.27	8.37
	45	8.34	8.45	8.29	8.37
	46	8.38	8.41	8.27	8.36
	47	8.40	8.41	8.30	8.36
	48	8.30	8.39	8.51	8.32
	49	8.29	8.40	8.51	8.31
	50	8.30	8.43	8.51	8.35
	51	8.31	8.43	8.48	8.36
	52	8.30	8.42	8.48	8.26
	53	8.30	8.41	8.50	8.21
	54	8.33	8.45	8.51	8.44
	55	8.30	8.44	8.50	8.43
	56	8.32	8.44	8.25	8.36
	57	8.31	8.46	8.21	8.33
	58	8.31	8.48	8.37	8.26
	59	8.30	8.42	8.37	8.27
	60	8.30	8.48	8.19	8.35
	61	8.30	8.50	8.19	8.36
	62	8.30	8.45	8.36	8.28
	63	8.29	8.44	8.38	8.28

High Channel	Port	QPSK	16QAM	64QAM	256QAM
Peak to average ratio (dB)	0	8.19	8.43	8.41	8.29
	1	8.22	8.46	8.42	8.31
	2	8.24	8.45	8.51	8.30
	3	8.24	8.42	8.52	8.28
	4	8.21	8.46	8.44	8.30
	5	8.20	8.44	8.46	8.28
	6	8.23	8.43	8.54	8.30
	7	8.23	8.43	8.22	8.28
	8	8.24	8.43	8.24	8.28
	9	8.23	8.42	8.27	8.30
	10	8.25	8.41	8.20	8.28
	11	8.27	8.42	8.22	8.29
	12	8.24	8.43	8.23	8.29
	13	8.27	8.44	8.23	8.30
	14	8.27	8.44	8.22	8.28
	15	8.27	8.44	8.22	8.29
	16	8.42	8.48	8.17	8.26
	17	8.42	8.44	8.19	8.29
	18	8.20	8.45	8.17	8.26
	19	8.20	8.43	8.19	8.29
	20	8.43	8.43	8.22	8.29
	21	8.41	8.44	8.29	8.29
	22	8.16	8.45	8.27	8.29
	23	8.17	8.47	8.28	8.30
	24	8.40	8.45	8.28	8.32
	25	8.40	8.45	8.30	8.33
	26	8.18	8.43	8.29	8.32
	27	8.16	8.55	8.29	8.35
	28	8.41	8.50	8.29	8.35
	29	8.40	8.43	8.23	8.32
	30	8.17	8.52	8.30	8.37
	31	8.18	8.53	8.24	8.35
	32	8.20	8.52	8.23	8.24
	33	8.18	8.41	8.26	8.25
	34	8.22	8.49	8.23	8.32
	35	8.20	8.53	8.23	8.32
	36	8.20	8.52	8.22	8.21
	37	8.20	8.50	8.20	8.30
	38	8.20	8.51	8.27	8.23
	39	8.19	8.52	8.28	8.21
	40	8.19	8.49	8.16	8.28
	41	8.20	8.54	8.17	8.25
	42	8.20	8.54	8.30	8.24
	43	8.20	8.53	8.28	8.24
	44	8.18	8.55	8.21	8.26
	45	8.18	8.53	8.19	8.28
	46	8.17	8.54	8.29	8.26
	47	8.19	8.53	8.28	8.24
	48	8.41	8.48	8.21	8.23
	49	8.42	8.44	8.21	8.24
	50	8.31	8.54	8.27	8.23
	51	8.32	8.52	8.28	8.23
	52	8.42	8.47	8.22	8.22
	53	8.42	8.47	8.26	8.25
	54	8.37	8.49	8.29	8.26
	55	8.35	8.45	8.29	8.24
	56	8.22	8.45	8.21	8.27
	57	8.21	8.45	8.23	8.25
	58	8.34	8.46	8.21	8.26
	59	8.32	8.47	8.21	8.23
	60	8.24	8.44	8.24	8.25
	61	8.24	8.43	8.22	8.27
	62	8.33	8.45	8.27	8.25
	63	8.32	8.43	8.27	8.24

Table 8-23. Peak To Average Power Ratio Table (NR_1C_20M)

Low Channel	Port	QPSK	16QAM	64QAM	256QAM
Peak to average ratio (dB)	0	8.44	8.42	8.41	8.46
	1	8.49	8.43	8.40	8.40
	2	8.41	8.35	8.38	8.47
	3	8.40	8.36	8.37	8.48
	4	8.43	8.42	8.40	8.38
	5	8.45	8.43	8.43	8.37
	6	8.39	8.43	8.39	8.49
	7	8.41	8.45	8.40	8.49
	8	8.46	8.38	8.42	8.37
	9	8.46	8.38	8.42	8.37
	10	8.36	8.46	8.39	8.49
	11	8.34	8.48	8.38	8.49
	12	8.39	8.33	8.41	8.37
	13	8.40	8.35	8.41	8.37
	14	8.34	8.50	8.34	8.49
	15	8.35	8.51	8.34	8.48
	16	8.39	8.34	8.41	8.38
	17	8.40	8.34	8.39	8.36
	18	8.40	8.38	8.39	8.46
	19	8.42	8.42	8.40	8.47
	20	8.40	8.34	8.41	8.34
	21	8.41	8.36	8.40	8.33
	22	8.35	8.38	8.40	8.40
	23	8.37	8.39	8.40	8.38
	24	8.39	8.36	8.40	8.25
	25	8.42	8.36	8.38	8.25
	26	8.41	8.37	8.41	8.40
	27	8.40	8.37	8.42	8.39
	28	8.41	8.40	8.40	8.25
	29	8.40	8.41	8.41	8.25
	30	8.39	8.35	8.42	8.41
	31	8.41	8.35	8.41	8.39
	32	8.45	8.47	8.41	8.31
	33	8.45	8.44	8.41	8.30
	34	8.36	8.36	8.41	8.36
	35	8.39	8.34	8.42	8.36
	36	8.44	8.45	8.42	8.30
	37	8.47	8.41	8.41	8.30
	38	8.40	8.36	8.38	8.39
	39	8.39	8.35	8.41	8.38
	40	8.42	8.48	8.43	8.26
	41	8.43	8.47	8.42	8.29
	42	8.40	8.35	8.41	8.39
	43	8.36	8.35	8.40	8.40
	44	8.44	8.50	8.42	8.26
	45	8.46	8.47	8.42	8.27
	46	8.34	8.36	8.41	8.42
	47	8.38	8.36	8.38	8.44
	48	8.44	8.43	8.40	8.21
	49	8.45	8.45	8.41	8.21
	50	8.39	8.34	8.40	8.38
	51	8.40	8.34	8.40	8.39
	52	8.46	8.46	8.42	8.27
	53	8.44	8.45	8.40	8.30
	54	8.39	8.34	8.41	8.40
	55	8.40	8.32	8.40	8.44
	56	8.49	8.45	8.42	8.30
	57	8.50	**8.52**	8.42	8.29
	58	8.43	8.39	8.40	8.39
	59	8.39	8.33	8.41	8.45
	60	8.50	8.47	8.42	8.39
	61	8.52	8.46	8.41	8.38
	62	8.47	8.38	8.41	8.45
	63	8.45	8.38	8.42	8.46

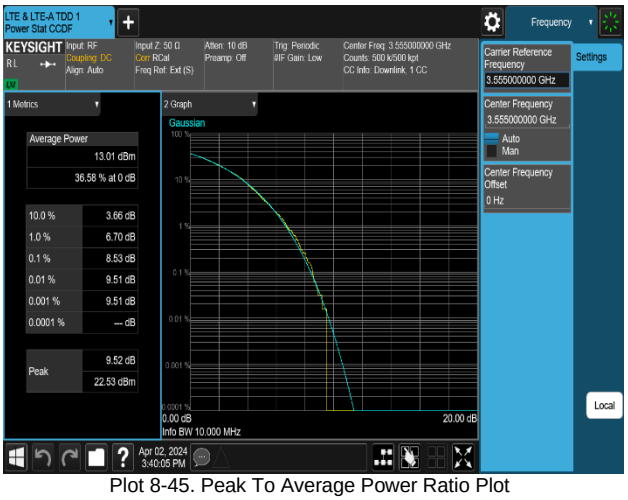
Mid Channel	Port	QPSK	16QAM	64QAM	256QAM
Peak to average ratio (dB)	0	8.38	8.48	8.37	8.27
	1	8.40	8.50	8.36	8.27
	2	8.43	8.47	8.41	8.46
	3	8.42	8.46	8.41	8.47
	4	8.44	8.43	8.36	8.29
	5	8.45	8.44	8.38	8.27
	6	8.38	8.40	8.44	8.46
	7	8.40	8.36	8.43	8.46
	8	8.48	8.44	8.38	8.31
	9	8.50	8.43	8.36	8.31
	10	8.41	8.33	8.45	8.49
	11	8.41	8.32	8.44	8.50
	12	8.50	8.46	8.40	8.39
	13	8.49	8.45	8.37	8.39
	14	8.41	8.33	8.44	8.52
	15	8.41	8.31	8.44	8.48
	16	8.50	8.46	8.43	8.39
	17	8.49	8.46	8.42	8.40
	18	8.41	8.47	8.41	8.50
	19	8.43	8.47	8.41	8.52
	20	8.52	8.45	8.41	8.44
	21	8.51	8.46	8.43	8.41
	22	8.40	8.48	8.39	8.50
	23	8.39	8.46	8.41	8.52
	24	8.52	8.44	8.41	8.39
	25	8.50	8.45	8.41	8.39
	26	8.38	8.48	8.37	8.44
	27	8.39	8.48	8.41	8.39
	28	8.48	8.44	8.42	8.32
	29	8.50	8.45	8.42	8.27
	30	8.40	8.45	8.42	8.39
	31	8.39	8.45	8.46	8.39
	32	8.46	8.43	8.40	8.36
	33	8.43	8.44	8.35	8.41
	34	8.39	8.44	8.38	8.32
	35	8.36	8.39	8.37	8.36
	36	8.45	8.42	8.38	8.40
	37	8.44	8.45	8.38	8.41
	38	8.37	8.47	8.40	8.36
	39	8.41	8.43	8.41	8.33
	40	8.50	8.43	8.37	8.37
	41	8.50	8.43	8.38	8.37
	42	8.42	8.46	8.43	8.36
	43	8.41	8.44	8.42	8.34
	44	8.51	8.42	8.37	8.41
	45	8.49	8.44	8.37	8.43
	46	8.38	8.47	8.40	8.27
	47	8.39	8.48	8.38	8.27
	48	8.48	8.45	8.37	8.44
	49	8.48	8.49	8.39	8.42
	50	8.38	8.45	8.43	8.34
	51	8.39	8.46	8.42	8.33
	52	8.51	8.45	8.37	8.45
	53	8.49	8.46	8.37	8.45
	54	8.40	8.43	8.42	8.33
	55	8.41	8.45	8.41	8.32
	56	8.47	8.44	8.38	8.44
	57	8.46	8.46	8.38	8.45
	58	8.47	8.44	8.38	8.34
	59	8.46	8.43	8.37	8.32
	60	8.45	8.46	8.38	8.45
	61	8.45	8.45	8.38	8.43
	62	8.48	8.46	8.37	8.32
	63	8.46	8.46	8.37	8.29

High Channel	Port	QPSK	16QAM	64QAM	256QAM
Peak to average ratio (dB)	0	8.44	8.45	8.32	8.36
	1	8.47	8.45	8.34	8.37
	2	8.45	8.45	8.41	8.31
	3	8.48	8.48	8.35	8.33
	4	8.41	8.43	8.35	8.33
	5	8.45	8.40	8.36	8.35
	6	8.44	8.37	8.36	8.36
	7	8.48	8.40	8.39	8.38
	8	8.44	8.45	8.37	8.37
	9	8.47	8.45	8.35	8.42
	10	8.44	8.46	8.40	8.41
	11	8.43	8.43	8.43	8.44
	12	8.47	8.45	8.39	8.37
	13	8.53	8.45	8.37	8.37
	14	8.44	8.48	8.45	8.42
	15	8.45	8.47	8.44	8.44
	16	**8.55**	8.43	8.39	8.38
	17	8.44	8.42	8.40	8.35
	18	8.44	8.43	8.41	8.33
	19	8.42	8.45	8.39	8.34
	20	8.45	8.45	8.33	8.37
	21	8.40	8.45	8.38	8.36
	22	8.42	8.48	8.40	8.39
	23	8.41	8.49	8.41	8.41
	24	8.44	8.45	8.36	8.38
	25	8.38	8.46	8.35	8.30
	26	8.47	8.46	8.41	8.34
	27	8.45	8.45	8.38	8.33
	28	8.37	8.42	8.35	8.40
	29	8.36	8.49	8.34	8.39
	30	8.47	8.41	8.44	8.34
	31	8.46	8.46	8.42	8.35
	32	8.36	8.40	8.26	8.32
	33	8.35	8.42	8.26	8.37
	34	8.42	8.47	8.36	8.35
	35	8.40	8.44	8.41	8.36
	36	8.33	8.39	8.30	8.32
	37	8.39	8.43	8.32	8.34
	38	8.43	8.45	8.38	8.35
	39	8.44	8.43	8.42	8.35
	40	8.37	8.39	8.31	8.33
	41	8.38	8.39	8.34	8.32
	42	8.45	8.46	8.41	8.36
	43	8.48	8.45	8.41	8.39
	44	8.38	8.42	8.36	8.38
	45	8.37	8.45	8.37	8.40
	46	8.45	8.43	8.42	8.34
	47	8.48	8.46	8.44	8.30
	48	8.39	8.44	8.33	8.38
	49	8.35	8.45	8.32	8.45
	50	8.40	8.44	8.32	8.35
	51	8.39	8.46	8.34	8.39
	52	8.33	8.43	8.36	8.44
	53	8.33	8.40	8.36	8.46
	54	8.48	8.48	8.37	8.36
	55	8.48	8.45	8.36	8.34
	56	8.33	8.44	8.38	8.48
	57	8.36	8.50	8.40	8.47
	58	8.42	8.46	8.39	8.41
	59	8.51	8.45	8.35	8.38
	60	8.40	8.47	8.41	8.47
	61	8.40	8.50	8.40	8.45
	62	8.49	8.44	8.41	8.33
	63	8.48	8.48	8.36	8.30

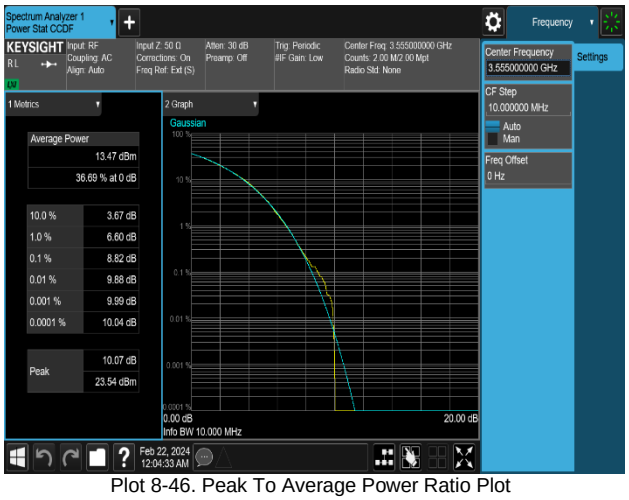
Table 8-24. Peak To Average Power Ratio Table (NR_1C_40M)

CH	NR_2C_20M+40M	NR_2C_40M+40M
	QPSK	QPSK
Low	8.42	8.41
Mid	**8.48**	8.42
High	8.42	**8.43**

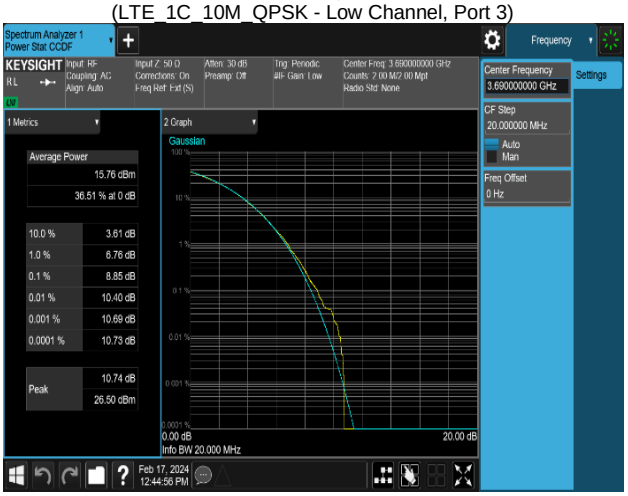
Table 8-25. Peak To Average Power Ratio Table (NR_Multi-carrier)



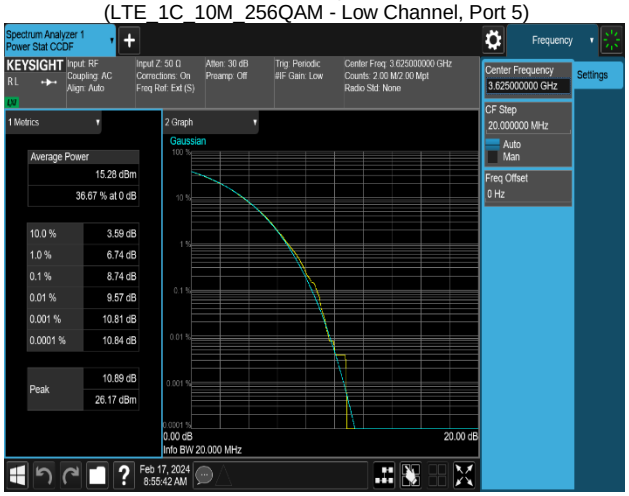
Plot 8-45. Peak To Average Power Ratio Plot
(LTE_1C_10M_QPSK - Low Channel, Port 3)



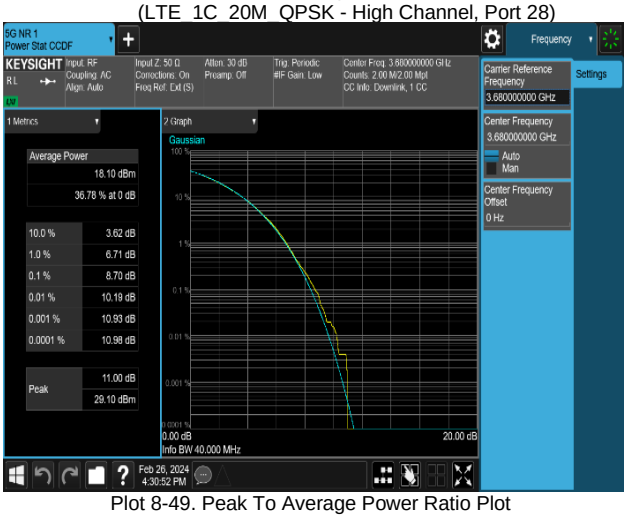
Plot 8-46. Peak To Average Power Ratio Plot
(LTE_1C_10M_256QAM - Low Channel, Port 5)



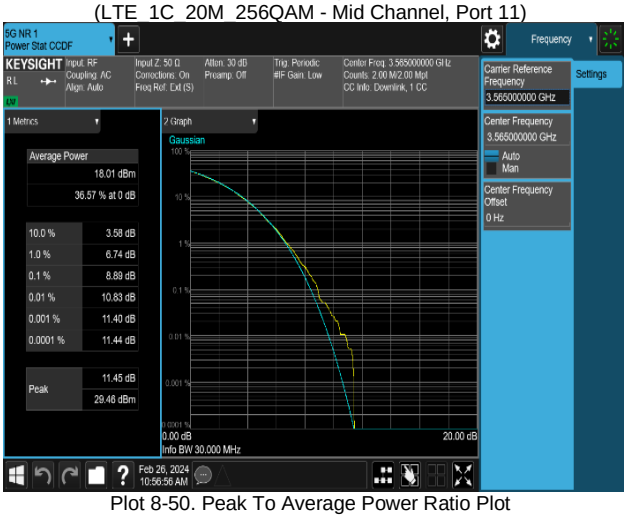
Plot 8-47. Peak To Average Power Ratio Plot
(LTE_1C_20M_QPSK - High Channel, Port 28)



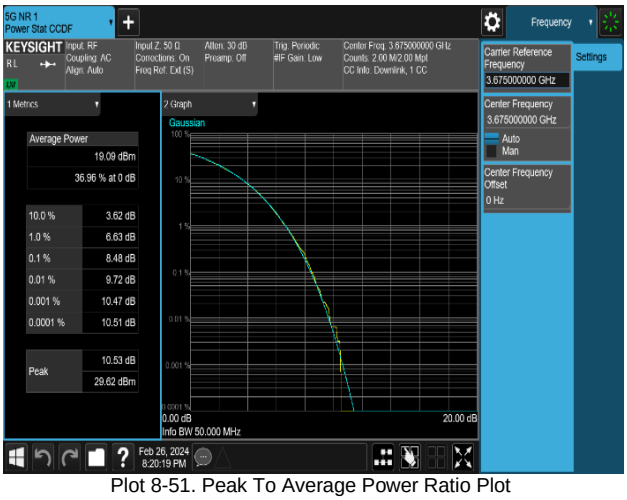
Plot 8-48. Peak To Average Power Ratio Plot
(LTE_1C_20M_256QAM - Mid Channel, Port 11)



Plot 8-49. Peak To Average Power Ratio Plot
(LTE_2C_20M+20M_QPSK - High Channel, Port 0)

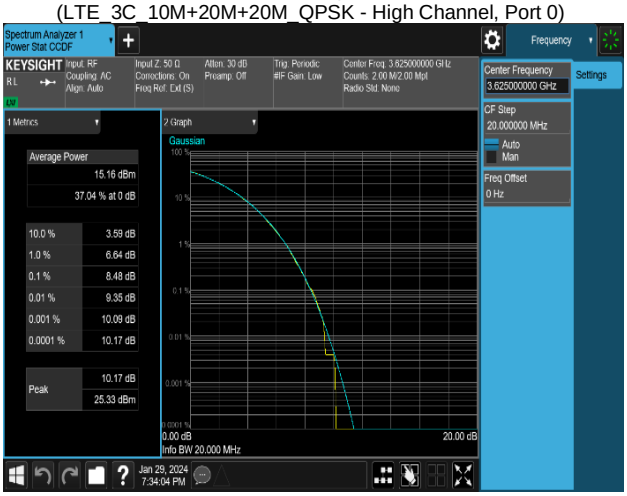


Plot 8-50. Peak To Average Power Ratio Plot
(LTE_3C_10M+10M+10M_QPSK - Low Channel, Port 0)

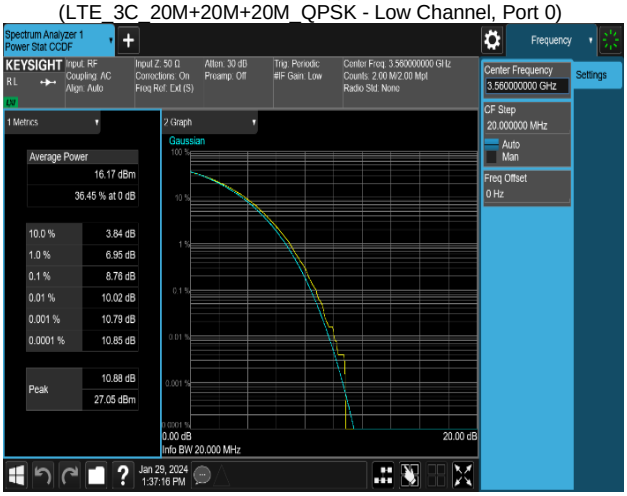


Plot 8-51. Peak To Average Power Ratio Plot
(LTE_3C_10M+20M+20M_QPSK - High Channel, Port 0)

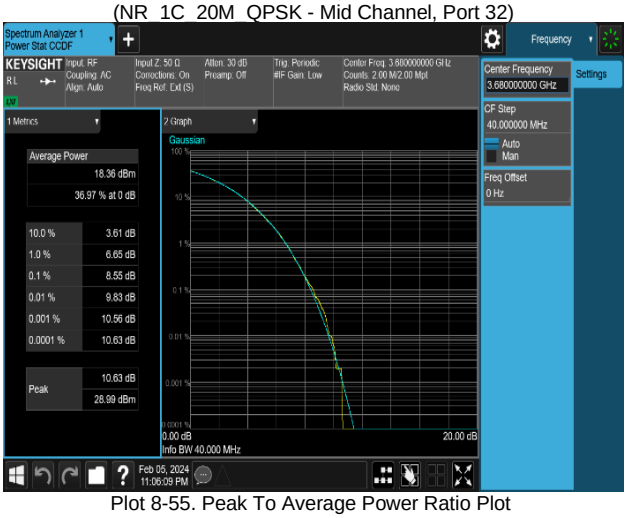
Plot 8-52. Peak To Average Power Ratio Plot
(LTE_3C_20M+20M+20M_QPSK - Low Channel, Port 0)



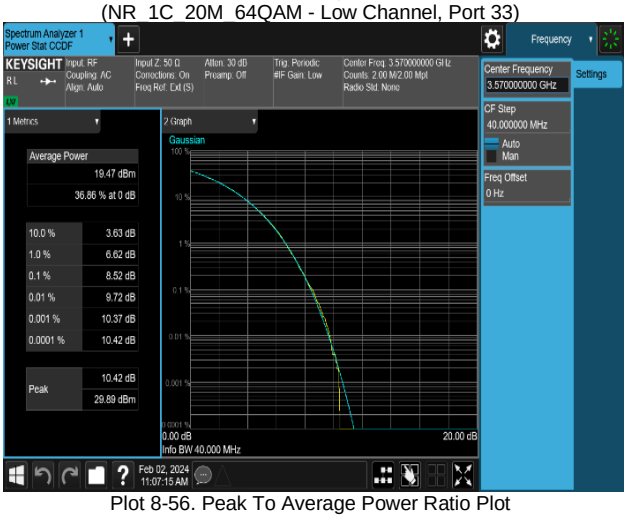
Plot 8-53. Peak To Average Power Ratio Plot
(NR_1C_20M_QPSK - Mid Channel, Port 32)



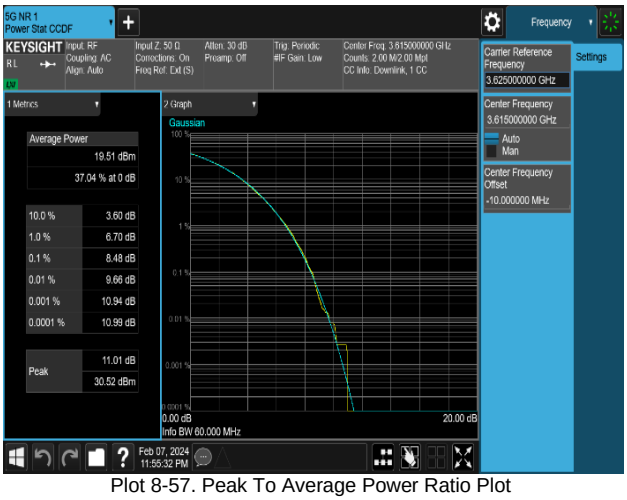
Plot 8-54. Peak To Average Power Ratio Plot
(NR_1C_20M_64QAM - Low Channel, Port 33)



Plot 8-55. Peak To Average Power Ratio Plot
(NR_1C_40M_QPSK - High Channel, Port 16)



Plot 8-56. Peak To Average Power Ratio Plot
(NR_1C_40M_16QAM - Low Channel, Port 57)



Plot 8-57. Peak To Average Power Ratio Plot
(NR_2C_20M+40M_QPSK - Mid Channel, Port 0)

Plot 8-58. Peak To Average Power Ratio Plot
(NR_2C_40M+40M_QPSK - High Channel, Port 0)

8.6 Channel Edge Emissions at Antenna Terminal

Test Overview

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. All modes of operation were investigated, and the worst case configuration results are reported in this section.

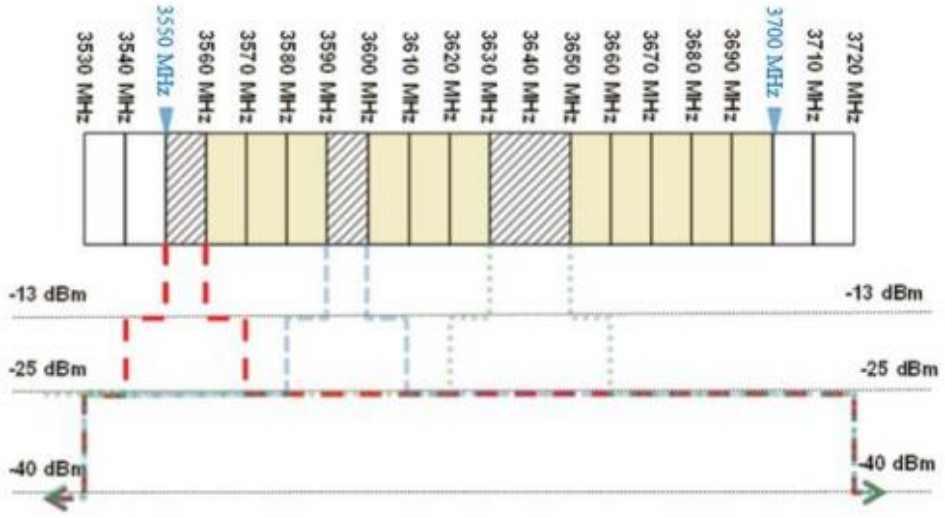
Test Procedure Used

ANSI C63.26 - Section 5.2.3.4.
KDB 971168 D01 v03r01 - Section 5.7
KDB 662911 D01 v02r01 - Section E)3)

Test Setting

1. Start and stop frequency were set such that the Channel Edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the Channel Edge
3. RBW: 1% of fundamental for measurements within 1 MHz immediately outside the authorized channel
   1 MHz for beyond 1 MHz outside the authorized channel.
4. VBW ≥ 3 x RBW
5. Detector = RMS
6. Number of sweep points ≥ 2 x Span/RBW
7. Trace mode = trace average
8. Sweep time = auto couple
9. The trace was allowed to stabilize

Limit
§ 96.41 (e)



- Within 0 MHz to 10 MHz above and below the assigned channel ≤ −13 dBm/MHz
- Greater than 10 MHz above and below the assigned channel ≤ −25 dBm/MHz
- Any emission below 3530 MHz and above 3720 MHz ≤ −40 dBm/MHz

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

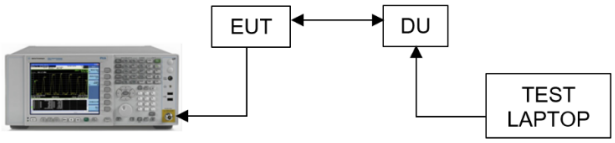


Figure 8-5. Test Instrument & Measurement Setup

Test Notes

1. All modes of operation were investigated and the worst configuration result plots are reported.

2. When detected Emission, this value has been applied as reference offset in the spectrum analyzer. Duty cycle correction factor was added to spectrum analyzer.

3. Per Section 96.41(e)(3)—resolution bandwidth 1% of fundamental for measurements within 1 MHz immediately outside the authorized channel; and 1 MHz for beyond 1 MHz outside the authorized channel.

4. The limits were adjusted by a factor of [-10*log (n)] dB to account for the device operation as a n port MIMO transmitter, as per FCC KDB 622911. MIMO Factor calculation as below:

5. When the channel edge detect with a margin of under 1dB to Limit, That used to integration method was performed using the spectrum analyzer's band power functions. The spectrum analyzer marker was placed at one-half of the RBW away from the band edge. The integration value was set to a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter.

Frequency range	Basic Limit (dBm/MHz)	MIMO Factor (dB)	Adjusted limit (dBm)
		64T	64T
0 MHz to 10 MHz above and below the assigned channel	-13.00	18.06	- 31.06
10 MHz above and below the assigned channel	-25.00	18.06	- 43.06
below 3530 MHz and above 3720 MHz	-40.00	18.06	- 58.06
Note: Adjusted limit (dBm/MHz) = Basic limit (dBm/1MHz) - MIMO Factor			

CH	Port	Measured Range (GHz)	Max. Value (dBm)				Limit (dBm)	Worst Margin(dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	3.530 to 3.540	-57.54	-57.74	-58.09	-57.08	-43.06	-14.02
		3.540 to 3.549	-38.00	-39.32	-37.51	-36.48	-31.06	-5.42
		3.549 to 3.550	-53.94	-56.05	-54.89	-52.59	-31.06	-21.53
		3.560 to 3.561	-53.43	-52.26	-52.56	-53.11	-31.06	-21.20
		3.561 to 3.570	-36.81	-37.13	-35.73	-36.09	-31.06	-4.67
		3.570 to 3.720	-55.17	-55.39	-55.37	-55.61	-43.06	-12.11
	1	3.530 to 3.540	-57.43	-57.31	-57.47	-56.72	-43.06	-13.66
		3.540 to 3.549	-36.81	-37.00	-36.91	-38.43	-31.06	-5.75
		3.549 to 3.550	-55.72	-54.02	-53.92	-53.10	-31.06	-22.04
		3.560 to 3.561	-53.45	-53.99	-51.99	-52.36	-31.06	-20.93
		3.561 to 3.570	-34.94	-36.24	-35.67	-35.41	-31.06	-3.88
		3.570 to 3.720	-55.25	-55.03	-55.19	-55.23	-43.06	-11.97
	2	3.530 to 3.540	-58.45	-58.35	-58.78	-58.04	-43.06	-14.98
		3.540 to 3.549	-36.59	-37.17	-37.11	-36.37	-31.06	-5.31
		3.549 to 3.550	-53.81	-54.00	-56.03	-53.81	-31.06	-22.75
		3.560 to 3.561	-53.34	-53.77	-53.34	-52.55	-31.06	-21.49
		3.561 to 3.570	-35.47	-35.77	-35.27	-35.27	-31.06	-4.21
		3.570 to 3.720	-54.96	-54.62	-54.93	-54.95	-43.06	-11.56
	3	3.530 to 3.540	-57.36	-57.27	-57.33	-56.77	-43.06	-13.71
		3.540 to 3.549	-37.83	-37.01	-37.43	-37.37	-31.06	-5.95
		3.549 to 3.550	-53.16	-54.09	-54.15	-54.01	-31.06	-22.10
		3.560 to 3.561	-54.02	-51.56	-53.36	-52.20	-31.06	-20.50
		3.561 to 3.570	-36.87	-35.44	-36.86	-35.29	-31.06	-4.23
		3.570 to 3.720	-55.74	-55.31	-55.77	-53.83	-43.06	-10.77
	4	3.530 to 3.540	-57.37	-57.28	-57.39	-55.66	-43.06	-12.60
		3.540 to 3.549	-37.05	-37.05	-35.96	-37.20	-31.06	-4.90
		3.549 to 3.550	-52.33	-54.54	-54.62	-50.83	-31.06	-19.77
		3.560 to 3.561	-53.43	-52.15	-51.77	-48.49	-31.06	-17.43
		3.561 to 3.570	-36.29	-35.68	-36.55	-34.36	-31.06	-3.30
		3.570 to 3.720	-53.70	-54.47	-54.74	-53.77	-43.06	-10.64
	5	3.530 to 3.540	-56.87	-56.95	-56.33	-55.85	-43.06	-12.79
		3.540 to 3.549	-37.28	-38.12	-36.29	-37.32	-31.06	-5.23
		3.549 to 3.550	-53.48	-54.47	-54.07	-52.27	-31.06	-21.21
		3.560 to 3.561	-53.81	-52.92	-53.54	-51.35	-31.06	-20.29
		3.561 to 3.570	-35.31	-35.05	-35.64	-35.33	-31.06	-3.99
		3.570 to 3.720	-54.87	-54.55	-55.16	-54.82	-43.06	-11.49
	6	3.530 to 3.540	-57.05	-57.05	-57.13	-55.98	-43.06	-12.92
		3.540 to 3.549	-37.26	-37.02	-37.07	-37.42	-31.06	-5.96
		3.549 to 3.550	-53.94	-54.52	-54.35	-51.78	-31.06	-20.72
		3.560 to 3.561	-53.86	-54.06	-51.52	-51.16	-31.06	-20.10
		3.561 to 3.570	-35.71	-36.90	-35.17	-35.44	-31.06	-4.11
		3.570 to 3.720	-54.61	-54.44	-55.00	-54.14	-43.06	-11.08
	7	3.530 to 3.540	-56.93	-56.70	-56.10	-55.47	-43.06	-12.41
		3.540 to 3.549	-37.63	-37.55	-36.59	-36.84	-31.06	-5.53
		3.549 to 3.550	-52.70	-54.10	-52.94	-52.34	-31.06	-21.28
		3.560 to 3.561	-52.75	-52.21	-51.94	-51.72	-31.06	-20.66

		3.561 to 3.570	-35.88	-35.75	-34.43	-35.27	-31.06	-3.37
		3.570 to 3.720	-54.80	-54.51	-54.96	-54.47	-43.06	-11.41
	8	3.530 to 3.540	-58.22	-58.35	-58.27	-57.78	-43.06	-14.72
		3.540 to 3.549	-37.01	-37.68	-37.07	-37.56	-31.06	-5.95
		3.549 to 3.550	-54.35	-55.11	-54.83	-52.66	-31.06	-21.60
		3.560 to 3.561	-54.21	-54.11	-52.72	-50.72	-31.06	-19.66
		3.561 to 3.570	-35.67	-36.39	-36.44	-36.40	-31.06	-4.61
		3.570 to 3.720	-55.25	-55.12	-55.32	-54.56	-43.06	-11.50
	9	3.530 to 3.540	-57.07	-57.13	-57.26	-56.81	-43.06	-13.75
		3.540 to 3.549	-35.91	-36.49	-36.71	-37.02	-31.06	-4.85
		3.549 to 3.550	-55.48	-55.16	-55.37	-54.50	-31.06	-23.44
		3.560 to 3.561	-54.55	-53.42	-52.44	-51.90	-31.06	-20.84
		3.561 to 3.570	-36.36	-35.43	-35.64	-35.03	-31.06	-3.97
		3.570 to 3.720	-54.51	-55.35	-55.32	-55.82	-43.06	-11.45
	10	3.530 to 3.540	-57.32	-57.87	-56.65	-57.02	-43.06	-13.59
		3.540 to 3.549	-37.54	-37.47	-37.70	-37.42	-31.06	-6.36
		3.549 to 3.550	-52.07	-54.62	-53.37	-54.89	-31.06	-21.01
		3.560 to 3.561	-54.65	-53.73	-53.93	-53.69	-31.06	-22.63
		3.561 to 3.570	-36.01	-36.53	-36.68	-35.48	-31.06	-4.42
		3.570 to 3.720	-55.03	-54.81	-54.89	-54.87	-43.06	-11.75
	11	3.530 to 3.540	-57.26	-57.09	-56.84	-55.60	-43.06	-12.54
		3.540 to 3.549	-38.03	-37.18	-37.08	-37.43	-31.06	-6.02
		3.549 to 3.550	-53.36	-54.82	-52.93	-52.85	-31.06	-21.79
		3.560 to 3.561	-52.71	-53.80	-52.39	-53.89	-31.06	-21.33
		3.561 to 3.570	-37.54	-36.85	-36.22	-35.20	-31.06	-4.14
		3.570 to 3.720	-55.25	-55.33	-55.32	-55.66	-43.06	-12.19
	12	3.530 to 3.540	-57.43	-57.40	-55.86	-57.31	-43.06	-12.80
		3.540 to 3.549	-37.60	-37.69	-37.24	-37.12	-31.06	-6.06
		3.549 to 3.550	-54.66	-54.05	-55.22	-52.21	-31.06	-21.15
		3.560 to 3.561	-53.34	-54.09	-53.91	-53.61	-31.06	-22.28
		3.561 to 3.570	-36.37	-35.93	-36.06	-35.69	-31.06	-4.63
		3.570 to 3.720	-55.23	-55.34	-55.01	-55.16	-43.06	-11.95
	13	3.530 to 3.540	-56.28	-56.90	-56.79	-53.65	-43.06	-10.59
		3.540 to 3.549	-38.29	-37.49	-37.33	-37.03	-31.06	-5.97
		3.549 to 3.550	-52.91	-54.16	-52.89	-49.94	-31.06	-18.88
		3.560 to 3.561	-51.91	-53.93	-53.48	-48.62	-31.06	-17.56
		3.561 to 3.570	-35.25	-35.99	-36.21	-35.48	-31.06	-4.19
		3.570 to 3.720	-53.60	-55.20	-55.38	-51.39	-43.06	-8.33
	14	3.530 to 3.540	-57.23	-57.41	-56.85	-57.33	-43.06	-13.79
		3.540 to 3.549	-37.60	-38.13	-37.52	-36.97	-31.06	-5.91
		3.549 to 3.550	-54.73	-54.77	-52.64	-54.89	-31.06	-21.58
		3.560 to 3.561	-53.82	-53.49	-51.47	-52.72	-31.06	-20.41
		3.561 to 3.570	-35.20	-36.40	-36.35	-35.40	-31.06	-4.14
		3.570 to 3.720	-54.72	-54.95	-55.31	-54.93	-43.06	-11.66
	15	3.530 to 3.540	-56.36	-57.21	-57.31	-54.15	-43.06	-11.09
		3.540 to 3.549	-37.25	-37.24	-37.73	-37.30	-31.06	-6.18
		3.549 to 3.550	-53.66	-54.77	-54.67	-50.85	-31.06	-19.79
		3.560 to 3.561	-51.97	-53.35	-53.80	-50.94	-31.06	-19.88
		3.561 to 3.570	-35.81	-36.98	-35.61	-35.57	-31.06	-4.51

		3.570 to 3.720	-54.32	-55.03	-55.16	-53.92	-43.06	-10.86
	16	3.530 to 3.540	-57.28	-57.70	-57.06	-57.65	-43.06	-14.00
		3.540 to 3.549	-36.60	-36.99	-37.60	-38.53	-31.06	-5.54
		3.549 to 3.550	-54.68	-53.98	-53.21	-54.97	-31.06	-22.15
		3.560 to 3.561	-53.91	-52.75	-52.68	-53.06	-31.06	-21.62
		3.561 to 3.570	-36.06	-35.69	-36.42	-35.66	-31.06	-4.60
		3.570 to 3.720	-54.98	-54.97	-55.14	-55.82	-43.06	-11.91
	17	3.530 to 3.540	-56.37	-56.74	-55.61	-56.46	-43.06	-12.55
		3.540 to 3.549	-37.66	-36.80	-37.24	-37.15	-31.06	-5.74
		3.549 to 3.550	-55.29	-54.15	-52.77	-54.05	-31.06	-21.71
		3.560 to 3.561	-53.43	-51.88	-51.67	-53.83	-31.06	-20.61
		3.561 to 3.570	-36.27	-36.60	-34.53	-35.64	-31.06	-3.47
		3.570 to 3.720	-55.14	-55.24	-54.80	-55.40	-43.06	-11.74
	18	3.530 to 3.540	-58.30	-58.36	-58.42	-57.75	-43.06	-14.69
		3.540 to 3.549	-36.59	-37.68	-36.88	-37.85	-31.06	-5.53
		3.549 to 3.550	-54.68	-56.27	-53.94	-53.04	-31.06	-21.98
		3.560 to 3.561	-53.58	-55.58	-54.18	-53.77	-31.06	-22.52
		3.561 to 3.570	-36.91	-36.92	-36.17	-35.27	-31.06	-4.21
		3.570 to 3.720	-54.63	-55.31	-55.02	-55.52	-43.06	-11.57
	19	3.530 to 3.540	-56.84	-57.18	-56.51	-57.10	-43.06	-13.45
		3.540 to 3.549	-37.80	-37.41	-37.65	-37.51	-31.06	-6.35
		3.549 to 3.550	-53.31	-54.90	-53.39	-54.82	-31.06	-22.25
		3.560 to 3.561	-53.59	-51.71	-52.84	-54.11	-31.06	-20.65
		3.561 to 3.570	-36.89	-36.26	-35.30	-35.47	-31.06	-4.24
		3.570 to 3.720	-53.22	-54.97	-55.34	-55.28	-43.06	-10.16
	20	3.530 to 3.540	-58.42	-58.96	-58.85	**-58.92**	-43.06	-15.36
		3.540 to 3.549	-37.99	-37.60	-37.10	**-37.51**	-31.06	-6.04
		3.549 to 3.550	-51.69	-55.77	-55.73	**-54.81**	-31.06	-20.63
		3.560 to 3.561	-52.60	-53.84	-52.82	**-52.19**	-31.06	-21.13
		3.561 to 3.570	-36.75	-36.53	-35.51	**-34.29**	-31.06	**-3.23**
		3.570 to 3.720	-55.38	-55.62	-55.06	**-55.55**	-43.06	-12.00
	21	3.530 to 3.540	-56.92	-56.97	-57.14	-55.89	-43.06	-12.83
		3.540 to 3.549	-37.03	-37.03	-37.45	-37.17	-31.06	-5.97
		3.549 to 3.550	-54.32	-54.48	-53.94	-52.83	-31.06	-21.77
		3.560 to 3.561	-53.45	-53.18	-53.54	-53.69	-31.06	-22.12
		3.561 to 3.570	-35.92	-35.95	-36.38	-34.45	-31.06	-3.39
		3.570 to 3.720	-54.86	-55.32	-55.02	-55.30	-43.06	-11.80
	22	3.530 to 3.540	-57.68	-57.85	-57.54	-57.71	-43.06	-14.48
		3.540 to 3.549	-36.96	-37.08	-37.64	-37.40	-31.06	-5.90
		3.549 to 3.550	-55.69	-53.96	-55.90	-53.03	-31.06	-21.97
		3.560 to 3.561	-51.90	-54.22	-53.14	-54.13	-31.06	-20.84
		3.561 to 3.570	-35.04	-36.26	-35.94	-36.06	-31.06	-3.98
		3.570 to 3.720	-54.69	-55.33	-54.93	-54.95	-43.06	-11.63
	23	3.530 to 3.540	-55.86	-57.29	-57.48	-54.89	-43.06	-11.83
		3.540 to 3.549	-36.78	-37.65	-37.74	-36.85	-31.06	-5.72
		3.549 to 3.550	-54.78	-54.00	-54.50	-51.25	-31.06	-20.19
		3.560 to 3.561	-53.32	-53.70	-52.98	-51.16	-31.06	-20.10
		3.561 to 3.570	-36.03	-36.42	-36.41	-36.08	-31.06	-4.97
		3.570 to 3.720	-55.16	-54.59	-55.20	-54.38	-43.06	-11.32

	24	3.530 to 3.540	-58.69	-58.60	-58.46	-58.00	-43.06	-14.94
		3.540 to 3.549	-38.48	-37.37	-37.51	-37.19	-31.06	-6.13
		3.549 to 3.550	-54.24	-55.92	-55.67	-53.28	-31.06	-22.22
		3.560 to 3.561	-53.61	-53.39	-53.31	-52.01	-31.06	-20.95
		3.561 to 3.570	-35.80	-35.64	-36.48	-35.72	-31.06	-4.58
		3.570 to 3.720	-55.06	-55.57	-55.45	-55.50	-43.06	-12.00
	25	3.530 to 3.540	-55.18	-57.20	-57.15	-55.71	-43.06	-12.12
		3.540 to 3.549	-37.71	-37.09	-36.35	-37.45	-31.06	-5.29
		3.549 to 3.550	-56.18	-54.89	-53.54	-52.61	-31.06	-21.55
		3.560 to 3.561	-53.14	-54.06	-52.87	-51.98	-31.06	-20.92
		3.561 to 3.570	-36.61	-35.66	-35.34	-35.94	-31.06	-4.28
		3.570 to 3.720	-54.47	-54.89	-54.91	-55.25	-43.06	-11.41
	26	3.530 to 3.540	-57.50	-57.95	-58.24	-54.80	-43.06	-11.74
		3.540 to 3.549	-36.70	-36.84	-36.45	-37.50	-31.06	-5.39
		3.549 to 3.550	-53.82	-55.60	-52.42	-50.53	-31.06	-19.47
		3.560 to 3.561	-53.33	-52.21	-53.78	-50.85	-31.06	-19.79
		3.561 to 3.570	-34.99	-36.80	-35.40	-35.27	-31.06	-3.93
		3.570 to 3.720	-55.10	-54.59	-55.01	-52.94	-43.06	-9.88
	27	3.530 to 3.540	-56.76	-57.10	-57.12	-54.22	-43.06	-11.16
		3.540 to 3.549	-37.47	-38.51	-36.81	-36.71	-31.06	-5.65
		3.549 to 3.550	-55.26	-54.28	-55.09	-51.27	-31.06	-20.21
		3.560 to 3.561	-53.01	-52.96	-51.05	-51.00	-31.06	-19.94
		3.561 to 3.570	-36.79	-37.13	-35.55	-35.28	-31.06	-4.22
		3.570 to 3.720	-54.85	-54.75	-54.79	-53.06	-43.06	-10.00
	28	3.530 to 3.540	-57.13	-57.24	-57.25	-57.17	-43.06	-14.07
		3.540 to 3.549	-36.60	-37.20	-37.10	-37.41	-31.06	-5.54
		3.549 to 3.550	-54.45	-55.98	-55.92	-54.91	-31.06	-23.39
		3.560 to 3.561	-53.69	-52.81	-51.71	-53.15	-31.06	-20.65
		3.561 to 3.570	-35.73	-35.69	-35.84	-35.51	-31.06	-4.45
		3.570 to 3.720	-54.41	-54.92	-54.59	-54.91	-43.06	-11.35
	29	3.530 to 3.540	-53.27	-56.42	-56.40	-54.58	-43.06	-10.21
		3.540 to 3.549	-37.46	-38.40	-37.17	-36.17	-31.06	-5.11
		3.549 to 3.550	-51.80	-53.87	-54.12	-51.07	-31.06	-20.01
		3.560 to 3.561	-50.19	-54.31	-50.60	-51.15	-31.06	-19.13
		3.561 to 3.570	-35.57	-35.78	-35.80	-34.40	-31.06	-3.34
		3.570 to 3.720	-54.07	-54.48	-54.41	-54.74	-43.06	-11.01
	30	3.530 to 3.540	-59.85	-59.80	-59.62	-59.61	-43.06	-16.55
		3.540 to 3.549	-36.57	-37.79	-37.02	-37.16	-31.06	-5.51
		3.549 to 3.550	-54.22	-55.79	-53.95	-54.08	-31.06	-22.89
		3.560 to 3.561	-53.05	-52.97	-51.77	-52.54	-31.06	-20.71
		3.561 to 3.570	-36.17	-37.01	-35.47	-36.37	-31.06	-4.41
		3.570 to 3.720	-54.85	-54.57	-54.43	-55.09	-43.06	-11.37
	31	3.530 to 3.540	-56.72	-57.28	-56.51	-56.37	-43.06	-13.31
		3.540 to 3.549	-36.71	-37.24	-37.11	-37.34	-31.06	-5.65
		3.549 to 3.550	-53.42	-53.91	-53.67	-52.63	-31.06	-21.57
		3.560 to 3.561	-52.05	-53.31	-53.24	-52.03	-31.06	-20.97
		3.561 to 3.570	-34.86	-35.29	-34.85	-35.75	-31.06	-3.79
		3.570 to 3.720	-51.06	-54.28	-54.33	-54.69	-43.06	-8.00
	32	3.530 to 3.540	-56.98	-57.11	-57.07	-56.95	-43.06	-13.89

		3.540 to 3.549	-37.50	-37.04	-38.21	-39.30	-31.06	-5.98
		3.549 to 3.550	-54.12	-53.81	-52.14	-54.54	-31.06	-21.08
		3.560 to 3.561	-54.15	-52.81	-52.64	-53.54	-31.06	-21.58
		3.561 to 3.570	-36.28	-37.11	-36.31	-36.80	-31.06	-5.22
		3.570 to 3.720	-54.07	-52.54	-54.24	-54.85	-43.06	-9.48
	33	3.530 to 3.540	-57.35	-57.02	-57.24	-55.26	-43.06	-12.20
		3.540 to 3.549	-37.18	-37.18	-37.57	-35.89	-31.06	-4.83
		3.549 to 3.550	-52.79	-55.22	-53.90	-50.40	-31.06	-19.34
		3.560 to 3.561	-53.16	-53.90	-50.33	-50.38	-31.06	-19.27
		3.561 to 3.570	-36.40	-35.66	-36.51	-36.25	-31.06	-4.60
		3.570 to 3.720	-54.63	-54.86	-54.48	-54.13	-43.06	-11.07
	34	3.530 to 3.540	-54.54	-56.10	-56.39	-55.51	-43.06	-11.48
		3.540 to 3.549	-36.37	-36.70	-36.05	-35.65	-31.06	-4.59
		3.549 to 3.550	-53.28	-53.51	-54.02	-52.72	-31.06	-21.66
		3.560 to 3.561	-52.12	-53.56	-52.53	-50.91	-31.06	-19.85
		3.561 to 3.570	-35.33	-35.04	-35.40	-35.03	-31.06	-3.97
		3.570 to 3.720	-53.79	-54.00	-54.25	-53.91	-43.06	-10.73
	35	3.530 to 3.540	-56.37	-56.73	-56.68	-55.81	-43.06	-12.75
		3.540 to 3.549	-37.60	-37.66	-36.78	-38.10	-31.06	-5.72
		3.549 to 3.550	-52.65	-53.96	-54.37	-54.74	-31.06	-21.59
		3.560 to 3.561	-53.00	-52.23	-50.63	-53.09	-31.06	-19.57
		3.561 to 3.570	-36.75	-36.47	-36.88	-35.22	-31.06	-4.16
		3.570 to 3.720	-55.04	-55.06	-54.87	-55.33	-43.06	-11.81
	36	3.530 to 3.540	-57.48	-57.16	-57.50	-57.31	-43.06	-14.10
		3.540 to 3.549	-37.40	-39.02	-36.85	-37.67	-31.06	-5.79
		3.549 to 3.550	-53.61	-56.67	-54.44	-54.86	-31.06	-22.55
		3.560 to 3.561	-53.09	-53.55	-53.99	-52.28	-31.06	-21.22
		3.561 to 3.570	-35.89	-36.64	-36.26	-35.99	-31.06	-4.83
		3.570 to 3.720	-54.88	-54.87	-55.42	-54.77	-43.06	-11.71
	37	3.530 to 3.540	-57.52	-57.94	-57.09	-56.76	-43.06	-13.70
		3.540 to 3.549	-36.82	-37.70	-36.96	-37.38	-31.06	-5.76
		3.549 to 3.550	-54.76	-53.10	-54.11	-53.06	-31.06	-22.00
		3.560 to 3.561	-51.09	-50.92	-52.29	-51.31	-31.06	-19.86
		3.561 to 3.570	-35.47	-36.59	-36.53	-35.38	-31.06	-4.32
		3.570 to 3.720	-54.84	-54.67	-54.73	-54.21	-43.06	-11.15
	38	3.530 to 3.540	-57.47	-57.44	-57.70	-57.39	-43.06	-14.33
		3.540 to 3.549	-36.53	-36.26	-37.45	-37.05	-31.06	-5.20
		3.549 to 3.550	-52.62	-55.34	-54.25	-53.17	-31.06	-21.56
		3.560 to 3.561	-52.73	-52.75	-50.75	-53.61	-31.06	-19.69
		3.561 to 3.570	-35.94	-35.80	-36.61	-35.88	-31.06	-4.74
		3.570 to 3.720	-54.29	-54.36	-54.94	-55.14	-43.06	-11.23
	39	3.530 to 3.540	-58.47	-57.97	-58.40	-56.65	-43.06	-13.59
		3.540 to 3.549	-37.42	-37.88	-37.83	-37.23	-31.06	-6.17
		3.549 to 3.550	-53.75	-52.01	-53.97	-50.45	-31.06	-19.39
		3.560 to 3.561	-53.51	-53.01	-52.90	-50.33	-31.06	-19.27
		3.561 to 3.570	-35.85	-34.73	-36.48	-34.99	-31.06	-3.67
		3.570 to 3.720	-54.52	-54.91	-55.08	-52.82	-43.06	-9.76
	40	3.530 to 3.540	-56.77	-56.66	-57.12	-56.77	-43.06	-13.60
		3.540 to 3.549	-38.28	-37.81	-37.33	-37.80	-31.06	-6.27