

APPENDIX G: CONDUCTED POWER MEASUREMENTS FOR SUPPORTED LTE TRANSMISSION MODES

G.1 Power Tuning Targets

Band	Target Tuning Power in Head, Body-worn and Wireless Router measurements					
	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz
LTE700 (Band 17)	N/A	N/A	23.0	23.0	N/A	N/A
LTE850 (Band 5)	23.0	23.0	23.0	23.0	N/A	N/A
LTE1700/2100 (Band 4)	23.0	23.0	23.0	23.0	23.0	23.0
LTE1900 (Band 2)	23.0	23.0	23.0	23.0	23.0	23.0

G.2 Conducted Power from the Samples used in the Testing

HW: 2100; Type: RM-940; Serial number: 004402/47/342571/2 used for LTE700 (Band17) for Head, Body-worn and Wireless Router SAR measurements.

“Max Average Power (dBm)” column lists measured powers with MPR active. The “Reduced Power (dBm)” column lists measured powers with MPR and A-MPR active (as defined by 3GPP TS 36.101). A-MPR is not specified for LTE700 (Band 17) in this specification (Table 6.2.4-1).

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
706.5	23755	5	1	0	QPSK	23.48	-
706.5	23755	5	1	12	QPSK	23.31	-
706.5	23755	5	1	24	QPSK	23.35	-
706.5	23755	5	12	0	QPSK	22.45	-
706.5	23755	5	12	6	QPSK	22.47	-
706.5	23755	5	12	13	QPSK	22.38	-
706.5	23755	5	25	0	QPSK	22.37	-
706.5	23755	5	1	0	16QAM	22.49	-
706.5	23755	5	1	12	16QAM	22.42	-
706.5	23755	5	1	24	16QAM	22.47	-
706.5	23755	5	12	0	16QAM	21.41	-
706.5	23755	5	12	6	16QAM	21.40	-
706.5	23755	5	12	13	16QAM	21.34	-
706.5	23755	5	25	0	16QAM	21.29	-
710.0	23790	5	1	0	QPSK	23.28	-
710.0	23790	5	1	12	QPSK	23.33	-
710.0	23790	5	1	24	QPSK	23.35	-
710.0	23790	5	12	0	QPSK	22.33	-
710.0	23790	5	12	6	QPSK	22.38	-
710.0	23790	5	12	13	QPSK	22.35	-
710.0	23790	5	25	0	QPSK	22.23	-
710.0	23790	5	1	0	16QAM	22.46	-
710.0	23790	5	1	12	16QAM	22.52	-
710.0	23790	5	1	24	16QAM	22.54	-
710.0	23790	5	12	0	16QAM	21.28	-
710.0	23790	5	12	6	16QAM	21.31	-
710.0	23790	5	12	13	16QAM	21.31	-
710.0	23790	5	25	0	16QAM	21.21	-

(Table LTE700, 004402/47/342571/2 continues)

(Table LTE700, 004402/47/342571/2 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
713.5	23825	5	1	0	QPSK	23.30	-
713.5	23825	5	1	12	QPSK	23.22	-
713.5	23825	5	1	24	QPSK	23.38	-
713.5	23825	5	12	0	QPSK	22.29	-
713.5	23825	5	12	6	QPSK	22.29	-
713.5	23825	5	12	13	QPSK	22.30	-
713.5	23825	5	25	0	QPSK	22.24	-
713.5	23825	5	1	0	16QAM	22.43	-
713.5	23825	5	1	12	16QAM	22.44	-
713.5	23825	5	1	24	16QAM	22.55	-
713.5	23825	5	12	0	16QAM	21.31	-
713.5	23825	5	12	6	16QAM	21.32	-
713.5	23825	5	12	13	16QAM	21.30	-
713.5	23825	5	25	0	16QAM	21.22	-
709.0	23780	10	1	0	QPSK	23.27	-
709.0	23780	10	1	24	QPSK	23.31	-
709.0	23780	10	1	49	QPSK	23.27	-
709.0	23780	10	25	0	QPSK	22.29	-
709.0	23780	10	25	12	QPSK	22.33	-
709.0	23780	10	25	25	QPSK	22.29	-
709.0	23780	10	50	0	QPSK	22.14	-
709.0	23780	10	1	0	16QAM	22.19	-
709.0	23780	10	1	24	16QAM	22.21	-
709.0	23780	10	1	49	16QAM	22.22	-
709.0	23780	10	25	0	16QAM	21.30	-
709.0	23780	10	25	12	16QAM	21.30	-
709.0	23780	10	25	25	16QAM	21.28	-
709.0	23780	10	50	0	16QAM	21.12	-

(Table LTE700, 004402/47/342571/2 continues)

(Table LTE700, 004402/47/342571/2 continues)

710.0	23790	10	1	0	QPSK	23.34	-
710.0	23790	10	1	24	QPSK	23.30	-
710.0	23790	10	1	49	QPSK	23.22	-
710.0	23790	10	25	0	QPSK	22.27	-
710.0	23790	10	25	12	QPSK	22.22	-
710.0	23790	10	25	25	QPSK	22.28	-
710.0	23790	10	50	0	QPSK	22.11	-
710.0	23790	10	1	0	16QAM	22.10	-
710.0	23790	10	1	24	16QAM	22.04	-
710.0	23790	10	1	49	16QAM	22.02	-
710.0	23790	10	25	0	16QAM	21.23	-
710.0	23790	10	25	12	16QAM	21.19	-
710.0	23790	10	25	25	16QAM	21.21	-
710.0	23790	10	50	0	16QAM	21.14	-
711.0	23800	10	1	0	QPSK	23.17	-
711.0	23800	10	1	24	QPSK	23.26	-
711.0	23800	10	1	49	QPSK	23.31	-
711.0	23800	10	25	0	QPSK	22.25	-
711.0	23800	10	25	12	QPSK	22.21	-
711.0	23800	10	25	25	QPSK	22.21	-
711.0	23800	10	50	0	QPSK	22.19	-
711.0	23800	10	1	0	16QAM	21.93	-
711.0	23800	10	1	24	16QAM	22.05	-
711.0	23800	10	1	49	16QAM	22.09	-
711.0	23800	10	25	0	16QAM	21.22	-
711.0	23800	10	25	12	16QAM	21.24	-
711.0	23800	10	25	25	16QAM	21.24	-
711.0	23800	10	50	0	16QAM	21.16	-

HW: 2200; Type: RM-938; Serial number: 004402/47/497032/8 used for LTE700 (Band17) for Head, Body-worn and Wireless Router SAR measurements.

“Max Average Power (dBm)” column lists measured powers with MPR active. The “Reduced Power (dBm)” column lists measured powers with MPR and A-MPR active (as defined by 3GPP TS 36.101). A-MPR is not specified for LTE700 (Band 17) in this specification (Table 6.2.4-1).

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
706.5	23755	5	1	0	QPSK	22.79	-
706.5	23755	5	1	12	QPSK	22.73	-
706.5	23755	5	1	24	QPSK	22.80	-
706.5	23755	5	12	0	QPSK	21.82	-
706.5	23755	5	12	6	QPSK	21.73	-
706.5	23755	5	12	13	QPSK	21.83	-
706.5	23755	5	25	0	QPSK	21.78	-
706.5	23755	5	1	0	16QAM	21.53	-
706.5	23755	5	1	12	16QAM	21.45	-
706.5	23755	5	1	24	16QAM	21.54	-
706.5	23755	5	12	0	16QAM	20.77	-
706.5	23755	5	12	6	16QAM	20.79	-
706.5	23755	5	12	13	16QAM	20.72	-
706.5	23755	5	25	0	16QAM	20.80	-
710.0	23790	5	1	0	QPSK	22.67	-
710.0	23790	5	1	12	QPSK	22.68	-
710.0	23790	5	1	24	QPSK	22.74	-
710.0	23790	5	12	0	QPSK	21.62	-
710.0	23790	5	12	6	QPSK	21.65	-
710.0	23790	5	12	13	QPSK	21.59	-
710.0	23790	5	25	0	QPSK	21.61	-
710.0	23790	5	1	0	16QAM	21.58	-
710.0	23790	5	1	12	16QAM	21.59	-
710.0	23790	5	1	24	16QAM	21.67	-
710.0	23790	5	12	0	16QAM	20.67	-
710.0	23790	5	12	6	16QAM	20.67	-
710.0	23790	5	12	13	16QAM	20.62	-
710.0	23790	5	25	0	16QAM	20.60	-

(Table LTE700, 004402/47/497032/8 continues)

(Table LTE700, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
713.5	23825	5	1	0	QPSK	22.56	-
713.5	23825	5	1	12	QPSK	22.78	-
713.5	23825	5	1	24	QPSK	22.78	-
713.5	23825	5	12	0	QPSK	21.70	-
713.5	23825	5	12	6	QPSK	21.79	-
713.5	23825	5	12	13	QPSK	21.86	-
713.5	23825	5	25	0	QPSK	21.62	-
713.5	23825	5	1	0	16QAM	21.49	-
713.5	23825	5	1	12	16QAM	21.69	-
713.5	23825	5	1	24	16QAM	21.73	-
713.5	23825	5	12	0	16QAM	20.78	-
713.5	23825	5	12	6	16QAM	20.80	-
713.5	23825	5	12	13	16QAM	20.83	-
713.5	23825	5	25	0	16QAM	20.58	-
709.0	23780	10	1	0	QPSK	22.73	-
709.0	23780	10	1	24	QPSK	22.77	-
709.0	23780	10	1	49	QPSK	22.82	-
709.0	23780	10	25	0	QPSK	21.79	-
709.0	23780	10	25	12	QPSK	21.71	-
709.0	23780	10	25	25	QPSK	21.77	-
709.0	23780	10	50	0	QPSK	21.64	-
709.0	23780	10	1	0	16QAM	21.83	-
709.0	23780	10	1	24	16QAM	21.92	-
709.0	23780	10	1	49	16QAM	21.97	-
709.0	23780	10	25	0	16QAM	20.75	-
709.0	23780	10	25	12	16QAM	20.73	-
709.0	23780	10	25	25	16QAM	20.75	-
709.0	23780	10	50	0	16QAM	20.67	-

(Table LTE700, 004402/47/497032/8 continues)

(Table LTE700, 004402/47/497032/8 continues)

710.0	23790	10	1	0	QPSK	22.66	-
710.0	23790	10	1	24	QPSK	22.69	-
710.0	23790	10	1	49	QPSK	22.70	-
710.0	23790	10	25	0	QPSK	21.54	-
710.0	23790	10	25	12	QPSK	21.60	-
710.0	23790	10	25	25	QPSK	21.73	-
710.0	23790	10	50	0	QPSK	21.48	-
710.0	23790	10	1	0	16QAM	21.81	-
710.0	23790	10	1	24	16QAM	21.90	-
710.0	23790	10	1	49	16QAM	21.87	-
710.0	23790	10	25	0	16QAM	20.61	-
710.0	23790	10	25	12	16QAM	20.66	-
710.0	23790	10	25	25	16QAM	20.69	-
710.0	23790	10	50	0	16QAM	20.58	-
711.0	23800	10	1	0	QPSK	22.67	-
711.0	23800	10	1	24	QPSK	22.66	-
711.0	23800	10	1	49	QPSK	22.79	-
711.0	23800	10	25	0	QPSK	21.66	-
711.0	23800	10	25	12	QPSK	21.51	-
711.0	23800	10	25	25	QPSK	21.67	-
711.0	23800	10	50	0	QPSK	21.59	-
711.0	23800	10	1	0	16QAM	21.77	-
711.0	23800	10	1	24	16QAM	21.81	-
711.0	23800	10	1	49	16QAM	22.02	-
711.0	23800	10	25	0	16QAM	20.66	-
711.0	23800	10	25	12	16QAM	20.58	-
711.0	23800	10	25	25	16QAM	20.70	-
711.0	23800	10	50	0	16QAM	20.68	-

HW: 2100; Type: RM-940; Serial number: 004402/47/342576/1 used for LTE850 (Band 5) for Head, Body-worn and Wireless Router SAR measurements.

“Max Average Power (dBm)” column lists measured powers with MPR active. The “Reduced Power (dBm)” column lists measured powers with MPR and A-MPR active (as defined by 3GPP TS 36.101). A-MPR is not specified for LTE850 (Band 5) in this specification (Table 6.2.4-1).

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
824.7	20407	1.4	1	0	QPSK	23.16	-
824.7	20407	1.4	1	2	QPSK	23.16	-
824.7	20407	1.4	1	5	QPSK	23.15	-
824.7	20407	1.4	3	0	QPSK	23.19	-
824.7	20407	1.4	3	2	QPSK	23.19	-
824.7	20407	1.4	3	3	QPSK	23.18	-
824.7	20407	1.4	6	0	QPSK	22.18	-
824.7	20407	1.4	1	0	16QAM	21.94	-
824.7	20407	1.4	1	2	16QAM	21.94	-
824.7	20407	1.4	1	5	16QAM	21.91	-
824.7	20407	1.4	3	0	16QAM	22.01	-
824.7	20407	1.4	3	2	16QAM	22.02	-
824.7	20407	1.4	3	3	16QAM	22.06	-
824.7	20407	1.4	6	0	16QAM	21.10	-
836.5	20525	1.4	1	0	QPSK	23.15	-
836.5	20525	1.4	1	2	QPSK	23.18	-
836.5	20525	1.4	1	5	QPSK	23.17	-
836.5	20525	1.4	3	0	QPSK	23.21	-
836.5	20525	1.4	3	2	QPSK	23.17	-
836.5	20525	1.4	3	3	QPSK	23.17	-
836.5	20525	1.4	6	0	QPSK	22.19	-
836.5	20525	1.4	1	0	16QAM	21.94	-
836.5	20525	1.4	1	2	16QAM	21.86	-
836.5	20525	1.4	1	5	16QAM	21.95	-
836.5	20525	1.4	3	0	16QAM	22.07	-
836.5	20525	1.4	3	2	16QAM	22.05	-
836.5	20525	1.4	3	3	16QAM	22.08	-
836.5	20525	1.4	6	0	16QAM	21.18	-

(Table LTE850, 004402/47/342576/1 continues)

(Table LTE850, 004402/47/342576/1 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
848.3	20643	1.4	1	0	QPSK	23.26	-
848.3	20643	1.4	1	2	QPSK	23.29	-
848.3	20643	1.4	1	5	QPSK	23.21	-
848.3	20643	1.4	3	0	QPSK	23.30	-
848.3	20643	1.4	3	2	QPSK	23.31	-
848.3	20643	1.4	3	3	QPSK	23.25	-
848.3	20643	1.4	6	0	QPSK	22.39	-
848.3	20643	1.4	1	0	16QAM	22.15	-
848.3	20643	1.4	1	2	16QAM	22.17	-
848.3	20643	1.4	1	5	16QAM	22.13	-
848.3	20643	1.4	3	0	16QAM	22.33	-
848.3	20643	1.4	3	2	16QAM	22.35	-
848.3	20643	1.4	3	3	16QAM	22.34	-
848.3	20643	1.4	6	0	16QAM	21.32	-
825.5	20415	3	1	0	QPSK	23.12	-
825.5	20415	3	1	7	QPSK	23.07	-
825.5	20415	3	1	14	QPSK	23.08	-
825.5	20415	3	8	0	QPSK	22.10	-
825.5	20415	3	8	3	QPSK	22.11	-
825.5	20415	3	8	7	QPSK	22.05	-
825.5	20415	3	15	0	QPSK	22.12	-
825.5	20415	3	1	0	16QAM	22.22	-
825.5	20415	3	1	7	16QAM	22.25	-
825.5	20415	3	1	14	16QAM	22.23	-
825.5	20415	3	8	0	16QAM	20.96	-
825.5	20415	3	8	3	16QAM	20.98	-
825.5	20415	3	8	7	16QAM	20.93	-
825.5	20415	3	15	0	16QAM	21.09	-

(Table LTE850, 004402/47/342576/1 continues)

(Table LTE850, 004402/47/342576/1 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
836.5	20525	3	1	0	QPSK	23.15	-
836.5	20525	3	1	7	QPSK	23.16	-
836.5	20525	3	1	14	QPSK	23.09	-
836.5	20525	3	8	0	QPSK	22.11	-
836.5	20525	3	8	3	QPSK	22.11	-
836.5	20525	3	8	7	QPSK	22.13	-
836.5	20525	3	15	0	QPSK	22.09	-
836.5	20525	3	1	0	16QAM	22.25	-
836.5	20525	3	1	7	16QAM	22.26	-
836.5	20525	3	1	14	16QAM	22.25	-
836.5	20525	3	8	0	16QAM	21.01	-
836.5	20525	3	8	3	16QAM	21.03	-
836.5	20525	3	8	7	16QAM	21.00	-
836.5	20525	3	15	0	16QAM	21.11	-
847.5	20635	3	1	0	QPSK	23.26	-
847.5	20635	3	1	7	QPSK	23.32	-
847.5	20635	3	1	14	QPSK	23.28	-
847.5	20635	3	8	0	QPSK	22.18	-
847.5	20635	3	8	3	QPSK	22.28	-
847.5	20635	3	8	7	QPSK	22.28	-
847.5	20635	3	15	0	QPSK	22.17	-
847.5	20635	3	1	0	16QAM	22.48	-
847.5	20635	3	1	7	16QAM	22.46	-
847.5	20635	3	1	14	16QAM	22.44	-
847.5	20635	3	8	0	16QAM	21.10	-
847.5	20635	3	8	3	16QAM	21.17	-
847.5	20635	3	8	7	16QAM	21.15	-
847.5	20635	3	15	0	16QAM	21.19	-

(Table LTE850, 004402/47/342576/1 continues)

(Table LTE850, 004402/47/342576/1 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
826.5	20425	5	1	0	QPSK	23.10	-
826.5	20425	5	1	12	QPSK	23.10	-
826.5	20425	5	1	24	QPSK	23.17	-
826.5	20425	5	12	0	QPSK	22.06	-
826.5	20425	5	12	6	QPSK	22.07	-
826.5	20425	5	12	13	QPSK	22.09	-
826.5	20425	5	25	0	QPSK	21.98	-
826.5	20425	5	1	0	16QAM	22.07	-
826.5	20425	5	1	12	16QAM	22.01	-
826.5	20425	5	1	24	16QAM	22.04	-
826.5	20425	5	12	0	16QAM	21.00	-
826.5	20425	5	12	6	16QAM	20.94	-
826.5	20425	5	12	13	16QAM	20.98	-
826.5	20425	5	25	0	16QAM	20.89	-
836.5	20525	5	1	0	QPSK	23.20	-
836.5	20525	5	1	12	QPSK	23.16	-
836.5	20525	5	1	24	QPSK	23.10	-
836.5	20525	5	12	0	QPSK	22.15	-
836.5	20525	5	12	6	QPSK	22.13	-
836.5	20525	5	12	13	QPSK	22.15	-
836.5	20525	5	25	0	QPSK	22.04	-
836.5	20525	5	1	0	16QAM	22.14	-
836.5	20525	5	1	12	16QAM	22.08	-
836.5	20525	5	1	24	16QAM	21.99	-
836.5	20525	5	12	0	16QAM	21.02	-
836.5	20525	5	12	6	16QAM	21.11	-
836.5	20525	5	12	13	16QAM	21.10	-
836.5	20525	5	25	0	16QAM	20.99	-

(Table L LTE850, 004402/47/342576/1 continues)

(Table LTE850, 004402/47/342576/1 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
846.5	20625	5	1	0	QPSK	23.26	-
846.5	20625	5	1	12	QPSK	23.28	-
846.5	20625	5	1	24	QPSK	23.23	-
846.5	20625	5	12	0	QPSK	22.24	-
846.5	20625	5	12	6	QPSK	22.25	-
846.5	20625	5	12	13	QPSK	22.28	-
846.5	20625	5	25	0	QPSK	22.09	-
846.5	20625	5	1	0	16QAM	22.29	-
846.5	20625	5	1	12	16QAM	22.21	-
846.5	20625	5	1	24	16QAM	22.29	-
846.5	20625	5	12	0	16QAM	21.17	-
846.5	20625	5	12	6	16QAM	21.17	-
846.5	20625	5	12	13	16QAM	21.20	-
846.5	20625	5	25	0	16QAM	21.05	-
829.0	20450	10	1	0	QPSK	23.06	-
829.0	20450	10	1	24	QPSK	23.09	-
829.0	20450	10	1	49	QPSK	23.06	-
829.0	20450	10	25	0	QPSK	21.97	-
829.0	20450	10	25	12	QPSK	22.01	-
829.0	20450	10	25	25	QPSK	21.91	-
829.0	20450	10	50	0	QPSK	21.92	-
829.0	20450	10	1	0	16QAM	21.99	-
829.0	20450	10	1	24	16QAM	21.98	-
829.0	20450	10	1	49	16QAM	22.01	-
829.0	20450	10	25	0	16QAM	20.97	-
829.0	20450	10	25	12	16QAM	21.00	-
829.0	20450	10	25	25	16QAM	20.96	-
829.0	20450	10	50	0	16QAM	20.86	-

(Table LTE850, 004402/47/342576/1 continues)

(Table LTE850, 004402/47/342576/1 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
836.5	20525	10	1	0	QPSK	23.13	-
836.5	20525	10	1	24	QPSK	23.12	-
836.5	20525	10	1	49	QPSK	23.07	-
836.5	20525	10	25	0	QPSK	21.97	-
836.5	20525	10	25	12	QPSK	22.01	-
836.5	20525	10	25	25	QPSK	22.06	-
836.5	20525	10	50	0	QPSK	21.89	-
836.5	20525	10	1	0	16QAM	21.95	-
836.5	20525	10	1	24	16QAM	21.98	-
836.5	20525	10	1	49	16QAM	21.93	-
836.5	20525	10	25	0	16QAM	21.00	-
836.5	20525	10	25	12	16QAM	21.07	-
836.5	20525	10	25	25	16QAM	21.12	-
836.5	20525	10	50	0	16QAM	20.90	-
844.0	20600	10	1	0	QPSK	23.28	-
844.0	20600	10	1	24	QPSK	23.24	-
844.0	20600	10	1	49	QPSK	23.27	-
844.0	20600	10	25	0	QPSK	22.22	-
844.0	20600	10	25	12	QPSK	22.19	-
844.0	20600	10	25	25	QPSK	22.13	-
844.0	20600	10	50	0	QPSK	21.99	-
844.0	20600	10	1	0	16QAM	22.09	-
844.0	20600	10	1	24	16QAM	22.13	-
844.0	20600	10	1	49	16QAM	22.06	-
844.0	20600	10	25	0	16QAM	21.15	-
844.0	20600	10	25	12	16QAM	21.19	-
844.0	20600	10	25	25	16QAM	21.19	-
844.0	20600	10	50	0	16QAM	21.02	-

HW: 2200; Type: RM-938; Serial number: 004402/47/497032/8 used for LTE850 (Band 5) for Head, Body-worn and Wireless Router SAR measurements.

“Max Average Power (dBm)” column lists measured powers with MPR active. The “Reduced Power (dBm)” column lists measured powers with MPR and A-MPR active (as defined by 3GPP TS 36.101). A-MPR is not specified for LTE850 (Band 5) in this specification (Table 6.2.4-1).

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
824.7	20407	1.4	1	0	QPSK	22.91	-
824.7	20407	1.4	1	2	QPSK	22.90	-
824.7	20407	1.4	1	5	QPSK	22.91	-
824.7	20407	1.4	3	0	QPSK	23.04	-
824.7	20407	1.4	3	2	QPSK	23.04	-
824.7	20407	1.4	3	3	QPSK	22.85	-
824.7	20407	1.4	6	0	QPSK	22.06	-
824.7	20407	1.4	1	0	16QAM	22.03	-
824.7	20407	1.4	1	2	16QAM	22.06	-
824.7	20407	1.4	1	5	16QAM	22.04	-
824.7	20407	1.4	3	0	16QAM	21.93	-
824.7	20407	1.4	3	2	16QAM	21.99	-
824.7	20407	1.4	3	3	16QAM	21.99	-
824.7	20407	1.4	6	0	16QAM	21.05	-
836.5	20525	1.4	1	0	QPSK	22.95	-
836.5	20525	1.4	1	2	QPSK	22.92	-
836.5	20525	1.4	1	5	QPSK	22.95	-
836.5	20525	1.4	3	0	QPSK	22.97	-
836.5	20525	1.4	3	2	QPSK	22.94	-
836.5	20525	1.4	3	3	QPSK	22.93	-
836.5	20525	1.4	6	0	QPSK	21.96	-
836.5	20525	1.4	1	0	16QAM	22.03	-
836.5	20525	1.4	1	2	16QAM	22.07	-
836.5	20525	1.4	1	5	16QAM	22.03	-
836.5	20525	1.4	3	0	16QAM	22.01	-
836.5	20525	1.4	3	2	16QAM	22.02	-
836.5	20525	1.4	3	3	16QAM	22.01	-
836.5	20525	1.4	6	0	16QAM	21.17	-

(Table LTE850, 004402/47/497032/8 continues)

(Table LTE850, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
848.3	20643	1.4	1	0	QPSK	23.02	-
848.3	20643	1.4	1	2	QPSK	23.04	-
848.3	20643	1.4	1	5	QPSK	23.03	-
848.3	20643	1.4	3	0	QPSK	23.05	-
848.3	20643	1.4	3	2	QPSK	23.04	-
848.3	20643	1.4	3	3	QPSK	22.99	-
848.3	20643	1.4	6	0	QPSK	22.08	-
848.3	20643	1.4	1	0	16QAM	22.26	-
848.3	20643	1.4	1	2	16QAM	22.22	-
848.3	20643	1.4	1	5	16QAM	22.22	-
848.3	20643	1.4	3	0	16QAM	22.12	-
848.3	20643	1.4	3	2	16QAM	22.12	-
848.3	20643	1.4	3	3	16QAM	22.12	-
848.3	20643	1.4	6	0	16QAM	21.24	-
825.5	20415	3	1	0	QPSK	23.01	-
825.5	20415	3	1	7	QPSK	22.96	-
825.5	20415	3	1	14	QPSK	22.92	-
825.5	20415	3	8	0	QPSK	21.99	-
825.5	20415	3	8	3	QPSK	21.96	-
825.5	20415	3	8	7	QPSK	21.98	-
825.5	20415	3	15	0	QPSK	21.92	-
825.5	20415	3	1	0	16QAM	21.79	-
825.5	20415	3	1	7	16QAM	21.83	-
825.5	20415	3	1	14	16QAM	21.75	-
825.5	20415	3	8	0	16QAM	20.77	-
825.5	20415	3	8	3	16QAM	20.83	-
825.5	20415	3	8	7	16QAM	20.78	-
825.5	20415	3	15	0	16QAM	20.81	-

(Table LTE850, 004402/47/497032/8 continues)

(Table LTE850, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
836.5	20525	3	1	0	QPSK	22.89	-
836.5	20525	3	1	7	QPSK	22.95	-
836.5	20525	3	1	14	QPSK	22.94	-
836.5	20525	3	8	0	QPSK	21.91	-
836.5	20525	3	8	3	QPSK	21.89	-
836.5	20525	3	8	7	QPSK	21.96	-
836.5	20525	3	15	0	QPSK	21.91	-
836.5	20525	3	1	0	16QAM	21.79	-
836.5	20525	3	1	7	16QAM	21.89	-
836.5	20525	3	1	14	16QAM	21.85	-
836.5	20525	3	8	0	16QAM	20.87	-
836.5	20525	3	8	3	16QAM	20.90	-
836.5	20525	3	8	7	16QAM	20.87	-
836.5	20525	3	15	0	16QAM	20.87	-
847.5	20635	3	1	0	QPSK	23.12	-
847.5	20635	3	1	7	QPSK	23.10	-
847.5	20635	3	1	14	QPSK	23.04	-
847.5	20635	3	8	0	QPSK	22.15	-
847.5	20635	3	8	3	QPSK	22.07	-
847.5	20635	3	8	7	QPSK	22.12	-
847.5	20635	3	15	0	QPSK	22.07	-
847.5	20635	3	1	0	16QAM	22.02	-
847.5	20635	3	1	7	16QAM	22.00	-
847.5	20635	3	1	14	16QAM	21.97	-
847.5	20635	3	8	0	16QAM	20.90	-
847.5	20635	3	8	3	16QAM	20.90	-
847.5	20635	3	8	7	16QAM	20.94	-
847.5	20635	3	15	0	16QAM	21.05	-

(Table LTE850, 004402/47/497032/8 continues)

(Table LTE850, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
826.5	20425	5	1	0	QPSK	23.05	-
826.5	20425	5	1	12	QPSK	23.02	-
826.5	20425	5	1	24	QPSK	22.96	-
826.5	20425	5	12	0	QPSK	21.99	-
826.5	20425	5	12	6	QPSK	21.92	-
826.5	20425	5	12	13	QPSK	21.96	-
826.5	20425	5	25	0	QPSK	21.88	-
826.5	20425	5	1	0	16QAM	22.00	-
826.5	20425	5	1	12	16QAM	22.01	-
826.5	20425	5	1	24	16QAM	22.05	-
826.5	20425	5	12	0	16QAM	20.86	-
826.5	20425	5	12	6	16QAM	20.80	-
826.5	20425	5	12	13	16QAM	20.79	-
826.5	20425	5	25	0	16QAM	20.73	-
836.5	20525	5	1	0	QPSK	23.00	-
836.5	20525	5	1	12	QPSK	22.92	-
836.5	20525	5	1	24	QPSK	22.97	-
836.5	20525	5	12	0	QPSK	21.93	-
836.5	20525	5	12	6	QPSK	21.92	-
836.5	20525	5	12	13	QPSK	21.94	-
836.5	20525	5	25	0	QPSK	21.83	-
836.5	20525	5	1	0	16QAM	22.19	-
836.5	20525	5	1	12	16QAM	22.17	-
836.5	20525	5	1	24	16QAM	22.10	-
836.5	20525	5	12	0	16QAM	20.96	-
836.5	20525	5	12	6	16QAM	20.89	-
836.5	20525	5	12	13	16QAM	20.93	-
836.5	20525	5	25	0	16QAM	20.78	-

(Table LTE850, 004402/47/497032/8 continues)

(Table LTE850, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
846.5	20625	5	1	0	QPSK	22.94	-
846.5	20625	5	1	12	QPSK	22.95	-
846.5	20625	5	1	24	QPSK	22.86	-
846.5	20625	5	12	0	QPSK	21.86	-
846.5	20625	5	12	6	QPSK	22.00	-
846.5	20625	5	12	13	QPSK	21.91	-
846.5	20625	5	25	0	QPSK	21.81	-
846.5	20625	5	1	0	16QAM	22.12	-
846.5	20625	5	1	12	16QAM	22.22	-
846.5	20625	5	1	24	16QAM	22.09	-
846.5	20625	5	12	0	16QAM	20.95	-
846.5	20625	5	12	6	16QAM	21.01	-
846.5	20625	5	12	13	16QAM	21.00	-
846.5	20625	5	25	0	16QAM	20.80	-
829.0	20450	10	1	0	QPSK	22.98	-
829.0	20450	10	1	24	QPSK	22.95	-
829.0	20450	10	1	49	QPSK	22.95	-
829.0	20450	10	25	0	QPSK	21.84	-
829.0	20450	10	25	12	QPSK	21.87	-
829.0	20450	10	25	25	QPSK	21.82	-
829.0	20450	10	50	0	QPSK	21.82	-
829.0	20450	10	1	0	16QAM	21.57	-
829.0	20450	10	1	24	16QAM	21.53	-
829.0	20450	10	1	49	16QAM	21.55	-
829.0	20450	10	25	0	16QAM	20.74	-
829.0	20450	10	25	12	16QAM	20.74	-
829.0	20450	10	25	25	16QAM	20.72	-
829.0	20450	10	50	0	16QAM	20.75	-

(Table LTE850, 004402/47/497032/8 continues)

(Table LTE850, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
836.5	20525	10	1	0	QPSK	22.90	-
836.5	20525	10	1	24	QPSK	22.90	-
836.5	20525	10	1	49	QPSK	22.92	-
836.5	20525	10	25	0	QPSK	21.77	-
836.5	20525	10	25	12	QPSK	21.89	-
836.5	20525	10	25	25	QPSK	21.87	-
836.5	20525	10	50	0	QPSK	21.79	-
836.5	20525	10	1	0	16QAM	21.62	-
836.5	20525	10	1	24	16QAM	21.58	-
836.5	20525	10	1	49	16QAM	21.56	-
836.5	20525	10	25	0	16QAM	20.79	-
836.5	20525	10	25	12	16QAM	20.86	-
836.5	20525	10	25	25	16QAM	20.82	-
836.5	20525	10	50	0	16QAM	20.85	-
844.0	20600	10	1	0	QPSK	22.87	-
844.0	20600	10	1	24	QPSK	22.93	-
844.0	20600	10	1	49	QPSK	22.85	-
844.0	20600	10	25	0	QPSK	21.87	-
844.0	20600	10	25	12	QPSK	21.89	-
844.0	20600	10	25	25	QPSK	21.79	-
844.0	20600	10	50	0	QPSK	21.78	-
844.0	20600	10	1	0	16QAM	21.80	-
844.0	20600	10	1	24	16QAM	21.74	-
844.0	20600	10	1	49	16QAM	21.75	-
844.0	20600	10	25	0	16QAM	20.86	-
844.0	20600	10	25	12	16QAM	20.86	-
844.0	20600	10	25	25	16QAM	20.79	-
844.0	20600	10	50	0	16QAM	20.83	-

HW: 2100; Type: RM-940; Serial number: 004402/47/342574/6 used for LTE1700/2100 (Band4) for Head, Body-worn and Wireless Router SAR measurements.

“Max Average Power (dBm)” column lists measured powers with MPR active. The “Reduced Power (dBm)” column lists measured powers with MPR and A-MPR active (as defined by 3GPP TS 36.101). A-MPR is not specified for LTE1700/2100 (Band 4) in 1.4MHz Channel BW in this specification (Table 6.2.4-1).

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1710.7	19957	1.4	1	0	QPSK	23.36	-
1710.7	19957	1.4	1	2	QPSK	23.34	-
1710.7	19957	1.4	1	5	QPSK	23.30	-
1710.7	19957	1.4	3	0	QPSK	23.38	-
1710.7	19957	1.4	3	2	QPSK	23.35	-
1710.7	19957	1.4	3	3	QPSK	23.35	-
1710.7	19957	1.4	6	0	QPSK	22.38	-
1710.7	19957	1.4	1	0	16QAM	22.28	-
1710.7	19957	1.4	1	2	16QAM	22.26	-
1710.7	19957	1.4	1	5	16QAM	22.26	-
1710.7	19957	1.4	3	0	16QAM	22.47	-
1710.7	19957	1.4	3	2	16QAM	22.41	-
1710.7	19957	1.4	3	3	16QAM	22.48	-
1710.7	19957	1.4	6	0	16QAM	21.45	-
1732.5	20175	1.4	1	0	QPSK	23.36	-
1732.5	20175	1.4	1	2	QPSK	23.38	-
1732.5	20175	1.4	1	5	QPSK	23.39	-
1732.5	20175	1.4	3	0	QPSK	23.39	-
1732.5	20175	1.4	3	2	QPSK	23.37	-
1732.5	20175	1.4	3	3	QPSK	23.36	-
1732.5	20175	1.4	6	0	QPSK	22.37	-
1732.5	20175	1.4	1	0	16QAM	22.53	-
1732.5	20175	1.4	1	2	16QAM	22.61	-
1732.5	20175	1.4	1	5	16QAM	22.56	-
1732.5	20175	1.4	3	0	16QAM	22.47	-
1732.5	20175	1.4	3	2	16QAM	22.47	-
1732.5	20175	1.4	3	3	16QAM	22.42	-
1732.5	20175	1.4	6	0	16QAM	21.48	-

(Table LTE1700/2100, 004402/47/342574/6 continues)

(Table LTE1700/2100, 004402/47/342574/6 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1754.3	20393	1.4	1	0	QPSK	23.26	-
1754.3	20393	1.4	1	2	QPSK	23.26	-
1754.3	20393	1.4	1	5	QPSK	23.26	-
1754.3	20393	1.4	3	0	QPSK	23.22	-
1754.3	20393	1.4	3	2	QPSK	23.25	-
1754.3	20393	1.4	3	3	QPSK	23.27	-
1754.3	20393	1.4	6	0	QPSK	22.26	-
1754.3	20393	1.4	1	0	16QAM	22.41	-
1754.3	20393	1.4	1	2	16QAM	22.45	-
1754.3	20393	1.4	1	5	16QAM	22.44	-
1754.3	20393	1.4	3	0	16QAM	22.34	-
1754.3	20393	1.4	3	2	16QAM	22.34	-
1754.3	20393	1.4	3	3	16QAM	22.32	-
1754.3	20393	1.4	6	0	16QAM	21.4	-
1711.5	19965	3	1	0	QPSK	23.33	23.34
1711.5	19965	3	1	7	QPSK	23.29	23.3
1711.5	19965	3	1	14	QPSK	23.31	23.35
1711.5	19965	3	8	0	QPSK	22.32	21.31
1711.5	19965	3	8	3	QPSK	22.39	21.35
1711.5	19965	3	8	7	QPSK	22.29	21.33
1711.5	19965	3	15	0	QPSK	22.31	21.27
1711.5	19965	3	1	0	16QAM	22.25	22.62
1711.5	19965	3	1	7	16QAM	22.28	22.57
1711.5	19965	3	1	14	16QAM	22.16	22.56
1732.5	20175	3	8	0	16QAM	21.23	20.18
1732.5	20175	3	8	3	16QAM	21.19	20.18
1732.5	20175	3	8	7	16QAM	21.18	20.19
1732.5	20175	3	15	0	16QAM	21.33	20.27

(Table LTE1700/2100, 004402/47/342574/6 continues)

(Table LTE1700/2100, 004402/47/342574/6 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1732.5	20175	3	1	0	QPSK	23.33	23.37
1732.5	20175	3	1	7	QPSK	23.36	23.33
1732.5	20175	3	1	14	QPSK	23.28	23.35
1732.5	20175	3	8	0	QPSK	22.32	21.31
1732.5	20175	3	8	3	QPSK	22.32	21.30
1732.5	20175	3	8	7	QPSK	22.31	21.31
1732.5	20175	3	15	0	QPSK	22.22	21.27
1732.5	20175	3	1	0	16QAM	22.22	22.55
1732.5	20175	3	1	7	16QAM	22.21	22.52
1732.5	20175	3	1	14	16QAM	22.19	22.46
1732.5	20175	3	8	0	16QAM	21.21	20.25
1732.5	20175	3	8	3	16QAM	21.23	20.20
1732.5	20175	3	8	7	16QAM	21.20	20.21
1732.5	20175	3	15	0	16QAM	21.22	20.35
1753.5	20385	3	1	0	QPSK	23.15	23.20
1753.5	20385	3	1	7	QPSK	23.21	23.22
1753.5	20385	3	1	14	QPSK	23.18	23.24
1753.5	20385	3	8	0	QPSK	22.22	21.25
1753.5	20385	3	8	3	QPSK	22.17	21.19
1753.5	20385	3	8	7	QPSK	22.21	21.23
1753.5	20385	3	15	0	QPSK	22.12	21.16
1753.5	20385	3	1	0	16QAM	22.07	22.14
1753.5	20385	3	1	7	16QAM	22.11	22.12
1753.5	20385	3	1	14	16QAM	22.11	22.13
1753.5	20385	3	8	0	16QAM	21.10	20.06
1753.5	20385	3	8	3	16QAM	21.13	20.10
1753.5	20385	3	8	7	16QAM	21.10	20.10
1753.5	20385	3	15	0	16QAM	21.10	20.09

(Table LTE1700/2100, 004402/47/342574/6 continues)

(Table LTE1700/2100, 004402/47/342574/6 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1712.5	19975	5	1	0	QPSK	23.48	23.35
1712.5	19975	5	1	12	QPSK	23.45	23.30
1712.5	19975	5	1	24	QPSK	23.40	23.27
1712.5	19975	5	12	0	QPSK	22.41	21.32
1712.5	19975	5	12	6	QPSK	22.42	21.31
1712.5	19975	5	12	13	QPSK	22.41	21.29
1712.5	19975	5	25	0	QPSK	22.28	21.21
1712.5	19975	5	1	0	16QAM	22.58	22.46
1712.5	19975	5	1	12	16QAM	22.55	22.49
1712.5	19975	5	1	24	16QAM	22.54	22.43
1712.5	19975	5	12	0	16QAM	21.38	20.28
1712.5	19975	5	12	6	16QAM	21.35	20.23
1712.5	19975	5	12	13	16QAM	21.37	20.23
1712.5	19975	5	25	0	16QAM	21.22	20.13
1732.5	20175	5	1	0	QPSK	23.49	23.36
1732.5	20175	5	1	12	QPSK	23.46	23.39
1732.5	20175	5	1	24	QPSK	23.47	23.36
1732.5	20175	5	12	0	QPSK	22.40	21.29
1732.5	20175	5	12	6	QPSK	22.39	21.27
1732.5	20175	5	12	13	QPSK	22.38	21.25
1732.5	20175	5	25	0	QPSK	22.27	21.16
1732.5	20175	5	1	0	16QAM	22.51	22.46
1732.5	20175	5	1	12	16QAM	22.59	22.48
1732.5	20175	5	1	24	16QAM	22.55	22.47
1732.5	20175	5	12	0	16QAM	21.35	20.28
1732.5	20175	5	12	6	16QAM	21.31	20.32
1732.5	20175	5	12	13	16QAM	21.29	20.30
1732.5	20175	5	25	0	16QAM	21.17	20.11

(Table LTE1700/2100, 004402/47/342574/6 continues)

(Table LTE1700/2100, 004402/47/342574/6 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1752.5	20375	5	1	0	QPSK	23.37	23.29
1752.5	20375	5	1	12	QPSK	23.36	23.20
1752.5	20375	5	1	24	QPSK	23.33	23.23
1752.5	20375	5	12	0	QPSK	22.23	21.18
1752.5	20375	5	12	6	QPSK	22.27	21.16
1752.5	20375	5	12	13	QPSK	22.28	21.15
1752.5	20375	5	25	0	QPSK	22.12	21.08
1752.5	20375	5	1	0	16QAM	22.45	22.38
1752.5	20375	5	1	12	16QAM	22.48	22.28
1752.5	20375	5	1	24	16QAM	22.44	22.35
1752.5	20375	5	12	0	16QAM	21.15	20.10
1752.5	20375	5	12	6	16QAM	21.24	20.12
1752.5	20375	5	12	13	16QAM	21.30	20.10
1752.5	20375	5	25	0	16QAM	21.09	19.99
1715.0	20000	10	1	0	QPSK	23.38	23.36
1715.0	20000	10	1	24	QPSK	23.26	23.25
1715.0	20000	10	1	49	QPSK	23.16	23.20
1715.0	20000	10	25	0	QPSK	22.21	21.22
1715.0	20000	10	25	12	QPSK	22.15	21.24
1715.0	20000	10	25	25	QPSK	22.14	21.16
1715.0	20000	10	50	0	QPSK	22.00	21.07
1715.0	20000	10	1	0	16QAM	22.09	22.07
1715.0	20000	10	1	24	16QAM	22.01	22.03
1715.0	20000	10	1	49	16QAM	21.95	21.94
1715.0	20000	10	25	0	16QAM	21.17	20.20
1715.0	20000	10	25	12	16QAM	21.13	20.14
1715.0	20000	10	25	25	16QAM	21.12	20.12
1715.0	20000	10	50	0	16QAM	21.02	20.07

(Table LTE1700/2100, 004402/47/342574/6 continues)

(Table LTE1700/2100, 004402/47/342574/6 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1732.5	20175	10	1	0	QPSK	23.31	23.34
1732.5	20175	10	1	24	QPSK	23.27	23.28
1732.5	20175	10	1	49	QPSK	23.28	23.27
1732.5	20175	10	25	0	QPSK	22.22	21.24
1732.5	20175	10	25	12	QPSK	22.20	21.20
1732.5	20175	10	25	25	QPSK	22.11	21.18
1732.5	20175	10	50	0	QPSK	21.99	21.02
1732.5	20175	10	1	0	16QAM	22.06	22.12
1732.5	20175	10	1	24	16QAM	22.01	21.98
1732.5	20175	10	1	49	16QAM	21.89	22.01
1732.5	20175	10	25	0	16QAM	21.15	20.22
1732.5	20175	10	25	12	16QAM	21.14	20.16
1732.5	20175	10	25	25	16QAM	21.06	20.18
1732.5	20175	10	50	0	16QAM	20.98	20.08
1750.0	20350	10	1	0	QPSK	23.15	23.15
1750.0	20350	10	1	24	QPSK	23.07	23.11
1750.0	20350	10	1	49	QPSK	23.06	23.04
1750.0	20350	10	25	0	QPSK	21.99	21.02
1750.0	20350	10	25	12	QPSK	21.94	20.93
1750.0	20350	10	25	25	QPSK	21.94	20.93
1750.0	20350	10	50	0	QPSK	21.88	20.91
1750.0	20350	10	1	0	16QAM	21.83	21.89
1750.0	20350	10	1	24	16QAM	21.72	21.85
1750.0	20350	10	1	49	16QAM	21.70	21.84
1750.0	20350	10	25	0	16QAM	20.95	19.97
1750.0	20350	10	25	12	16QAM	20.78	19.89
1750.0	20350	10	25	25	16QAM	20.80	19.88
1750.0	20350	10	50	0	16QAM	20.81	19.92

(Table LTE1700/2100, 004402/47/342574/6 continues)

(Table LTE1700/2100, 004402/47/342574/6 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1717.5	20025	15	1	0	QPSK	23.31	23.34
1717.5	20025	15	1	36	QPSK	23.24	23.21
1717.5	20025	15	1	74	QPSK	23.15	23.11
1717.5	20025	15	37	0	QPSK	22.12	21.13
1717.5	20025	15	37	18	QPSK	22.04	21.07
1717.5	20025	15	37	38	QPSK	22.01	21.07
1717.5	20025	15	75	0	QPSK	22.03	21.06
1717.5	20025	15	1	0	16QAM	22.56	22.25
1717.5	20025	15	1	36	16QAM	22.47	22.16
1717.5	20025	15	1	74	16QAM	22.37	22.07
1717.5	20025	15	37	0	16QAM	21.07	20.10
1717.5	20025	15	37	18	16QAM	21.03	20.04
1717.5	20025	15	37	38	16QAM	20.96	19.97
1717.5	20025	15	75	0	16QAM	21.01	20.04
1732.5	20175	15	1	0	QPSK	23.24	23.22
1732.5	20175	15	1	36	QPSK	23.28	23.29
1732.5	20175	15	1	74	QPSK	23.12	23.14
1732.5	20175	15	37	0	QPSK	22.14	21.18
1732.5	20175	15	37	18	QPSK	22.07	21.08
1732.5	20175	15	37	38	QPSK	22.06	21.06
1732.5	20175	15	75	0	QPSK	22.02	21.05
1732.5	20175	15	1	0	16QAM	22.44	22.16
1732.5	20175	15	1	36	16QAM	22.50	22.18
1732.5	20175	15	1	74	16QAM	22.25	22.00
1732.5	20175	15	37	0	16QAM	21.05	20.04
1732.5	20175	15	37	18	16QAM	21.03	20.01
1732.5	20175	15	37	38	16QAM	20.96	19.95
1732.5	20175	15	75	0	16QAM	20.93	19.97

(Table LTE1700/2100, 004402/47/342574/6 continues)

(Table LTE1700/2100, 004402/47/342574/6 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1747.5	20325	15	1	0	QPSK	23.14	23.21
1747.5	20325	15	1	36	QPSK	22.98	22.99
1747.5	20325	15	1	74	QPSK	22.94	22.95
1747.5	20325	15	37	0	QPSK	21.88	20.90
1747.5	20325	15	37	18	QPSK	21.87	20.88
1747.5	20325	15	37	38	QPSK	21.81	20.79
1747.5	20325	15	75	0	QPSK	21.82	20.76
1747.5	20325	15	1	0	16QAM	22.29	22.31
1747.5	20325	15	1	36	16QAM	22.19	22.19
1747.5	20325	15	1	74	16QAM	22.14	22.14
1747.5	20325	15	37	0	16QAM	20.88	19.84
1747.5	20325	15	37	18	16QAM	20.84	19.75
1747.5	20325	15	37	38	16QAM	20.76	19.67
1747.5	20325	15	75	0	16QAM	20.77	19.74
1720.0	20050	20	1	0	QPSK	23.27	23.27
1720.0	20050	20	1	49	QPSK	23.17	23.19
1720.0	20050	20	1	99	QPSK	23.26	23.27
1720.0	20050	20	50	0	QPSK	21.99	21.01
1720.0	20050	20	50	24	QPSK	21.92	20.93
1720.0	20050	20	50	50	QPSK	21.8	20.83
1720.0	20050	20	100	0	QPSK	21.93	20.96
1720.0	20050	20	1	0	16QAM	22.40	22.26
1720.0	20050	20	1	49	16QAM	22.31	22.16
1720.0	20050	20	1	99	16QAM	22.36	22.20
1720.0	20050	20	50	0	16QAM	20.89	19.96
1720.0	20050	20	50	24	16QAM	20.77	19.87
1720.0	20050	20	50	50	16QAM	20.77	19.81
1720.0	20050	20	100	0	16QAM	20.89	19.93

(Table LTE1700/2100, 004402/47/342574/6 continues)

(Table for LTE1700/2100, 004402/47/342574/6 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1732.5	20175	20	1	0	QPSK	23.20	23.20
1732.5	20175	20	1	49	QPSK	23.34	23.34
1732.5	20175	20	1	99	QPSK	23.17	23.15
1732.5	20175	20	50	0	QPSK	21.98	20.97
1732.5	20175	20	50	24	QPSK	22.01	21.05
1732.5	20175	20	50	50	QPSK	21.98	20.99
1732.5	20175	20	100	0	QPSK	22.07	21.08
1732.5	20175	20	1	0	16QAM	22.23	22.14
1732.5	20175	20	1	49	16QAM	22.42	22.27
1732.5	20175	20	1	99	16QAM	22.22	22.11
1732.5	20175	20	50	0	16QAM	20.88	19.98
1732.5	20175	20	50	24	16QAM	20.97	20.04
1732.5	20175	20	50	50	16QAM	20.93	19.99
1732.5	20175	20	100	0	16QAM	21.03	20.09
1745.0	20300	20	1	0	QPSK	23.28	23.35
1745.0	20300	20	1	49	QPSK	23.07	23.20
1745.0	20300	20	1	99	QPSK	22.95	22.92
1745.0	20300	20	50	0	QPSK	21.89	21.02
1745.0	20300	20	50	24	QPSK	21.82	20.87
1745.0	20300	20	50	50	QPSK	21.77	20.83
1745.0	20300	20	100	0	QPSK	21.91	20.94
1745.0	20300	20	1	0	16QAM	22.40	22.35
1745.0	20300	20	1	49	16QAM	22.17	22.12
1745.0	20300	20	1	99	16QAM	22.00	21.95
1745.0	20300	20	50	0	16QAM	20.78	19.94
1745.0	20300	20	50	24	16QAM	20.73	19.78
1745.0	20300	20	50	50	16QAM	20.70	19.79
1745.0	20300	20	100	0	16QAM	20.81	19.85

HW: 2200; Type: RM-938; Serial number: 004402/47/497032/8 used for LTE1700/2100 (Band4) for Head, Body-worn and Wireless Router SAR measurements.

“Max Average Power (dBm)” column lists measured powers with MPR active. The “Reduced Power (dBm)” column lists measured powers with MPR and A-MPR active (as defined by 3GPP TS 36.101). A-MPR is not specified for LTE1700/2100 (Band 4) in 1.4MHz Channel BW in this specification (Table 6.2.4-1).

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1710.7	19957	1.4	1	0	QPSK	23.01	-
1710.7	19957	1.4	1	2	QPSK	22.98	-
1710.7	19957	1.4	1	5	QPSK	23.03	-
1710.7	19957	1.4	3	0	QPSK	22.93	-
1710.7	19957	1.4	3	2	QPSK	22.96	-
1710.7	19957	1.4	3	3	QPSK	22.93	-
1710.7	19957	1.4	6	0	QPSK	21.90	-
1710.7	19957	1.4	1	0	16QAM	22.15	-
1710.7	19957	1.4	1	2	16QAM	22.13	-
1710.7	19957	1.4	1	5	16QAM	22.12	-
1710.7	19957	1.4	3	0	16QAM	21.98	-
1710.7	19957	1.4	3	2	16QAM	21.96	-
1710.7	19957	1.4	3	3	16QAM	21.95	-
1710.7	19957	1.4	6	0	16QAM	20.99	-
1732.5	20175	1.4	1	0	QPSK	22.83	-
1732.5	20175	1.4	1	2	QPSK	22.80	-
1732.5	20175	1.4	1	5	QPSK	22.82	-
1732.5	20175	1.4	3	0	QPSK	22.77	-
1732.5	20175	1.4	3	2	QPSK	22.78	-
1732.5	20175	1.4	3	3	QPSK	22.74	-
1732.5	20175	1.4	6	0	QPSK	21.89	-
1732.5	20175	1.4	1	0	16QAM	21.88	-
1732.5	20175	1.4	1	2	16QAM	21.94	-
1732.5	20175	1.4	1	5	16QAM	21.70	-
1732.5	20175	1.4	3	0	16QAM	21.80	-
1732.5	20175	1.4	3	2	16QAM	21.78	-
1732.5	20175	1.4	3	3	16QAM	21.75	-
1732.5	20175	1.4	6	0	16QAM	20.79	-

(Table LTE1700/2100, 004402/47/497032/8 continues)

(Table LTE1700/2100, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1754.3	20393	1.4	1	0	QPSK	23.11	-
1754.3	20393	1.4	1	2	QPSK	23.08	-
1754.3	20393	1.4	1	5	QPSK	23.11	-
1754.3	20393	1.4	3	0	QPSK	23.07	-
1754.3	20393	1.4	3	2	QPSK	23.09	-
1754.3	20393	1.4	3	3	QPSK	23.12	-
1754.3	20393	1.4	6	0	QPSK	22.07	-
1754.3	20393	1.4	1	0	16QAM	21.93	-
1754.3	20393	1.4	1	2	16QAM	21.95	-
1754.3	20393	1.4	1	5	16QAM	21.96	-
1754.3	20393	1.4	3	0	16QAM	22.20	-
1754.3	20393	1.4	3	2	16QAM	22.17	-
1754.3	20393	1.4	3	3	16QAM	22.18	-
1754.3	20393	1.4	6	0	16QAM	21.10	-
1711.5	19965	3	1	0	QPSK	23.00	23.00
1711.5	19965	3	1	7	QPSK	23.07	23.10
1711.5	19965	3	1	14	QPSK	23.07	23.03
1711.5	19965	3	8	0	QPSK	21.90	21.01
1711.5	19965	3	8	3	QPSK	22.02	21.07
1711.5	19965	3	8	7	QPSK	22.01	21.04
1711.5	19965	3	15	0	QPSK	21.95	20.97
1711.5	19965	3	1	0	16QAM	21.69	21.90
1711.5	19965	3	1	7	16QAM	21.73	21.93
1711.5	19965	3	1	14	16QAM	21.75	21.91
1732.5	20175	3	8	0	16QAM	20.98	19.96
1732.5	20175	3	8	3	16QAM	21.05	20.02
1732.5	20175	3	8	7	16QAM	20.95	20.02
1732.5	20175	3	15	0	16QAM	21.01	20.04

(Table LTE1700/2100, 004402/47/497032/8 continues)

(Table LTE1700/2100, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1732.5	20175	3	1	0	QPSK	22.83	22.88
1732.5	20175	3	1	7	QPSK	22.83	22.84
1732.5	20175	3	1	14	QPSK	22.82	22.84
1732.5	20175	3	8	0	QPSK	21.85	20.88
1732.5	20175	3	8	3	QPSK	21.86	20.85
1732.5	20175	3	8	7	QPSK	21.76	20.83
1732.5	20175	3	15	0	QPSK	21.75	20.83
1732.5	20175	3	1	0	16QAM	21.54	21.64
1732.5	20175	3	1	7	16QAM	21.53	21.60
1732.5	20175	3	1	14	16QAM	21.47	21.50
1732.5	20175	3	8	0	16QAM	20.61	19.77
1732.5	20175	3	8	3	16QAM	20.63	19.79
1732.5	20175	3	8	7	16QAM	20.68	19.73
1732.5	20175	3	15	0	16QAM	20.63	19.88
1753.5	20385	3	1	0	QPSK	23.02	22.97
1753.5	20385	3	1	7	QPSK	23.12	23.07
1753.5	20385	3	1	14	QPSK	23.14	23.10
1753.5	20385	3	8	0	QPSK	21.92	20.99
1753.5	20385	3	8	3	QPSK	22.08	21.07
1753.5	20385	3	8	7	QPSK	22.06	21.09
1753.5	20385	3	15	0	QPSK	21.99	21.12
1753.5	20385	3	1	0	16QAM	21.76	21.66
1753.5	20385	3	1	7	16QAM	21.86	21.78
1753.5	20385	3	1	14	16QAM	21.80	21.74
1753.5	20385	3	8	0	16QAM	20.84	19.88
1753.5	20385	3	8	3	16QAM	20.94	20.03
1753.5	20385	3	8	7	16QAM	20.96	20.02
1753.5	20385	3	15	0	16QAM	20.94	20.04

(Table LTE1700/2100, 004402/47/497032/8 continues)

(Table LTE1700/2100, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1712.5	19975	5	1	0	QPSK	22.99	23.06
1712.5	19975	5	1	12	QPSK	23.05	23.14
1712.5	19975	5	1	24	QPSK	23.06	23.02
1712.5	19975	5	12	0	QPSK	22.04	21.08
1712.5	19975	5	12	6	QPSK	21.99	21.03
1712.5	19975	5	12	13	QPSK	21.93	20.98
1712.5	19975	5	25	0	QPSK	21.86	20.96
1712.5	19975	5	1	0	16QAM	22.18	21.88
1712.5	19975	5	1	12	16QAM	22.24	21.95
1712.5	19975	5	1	24	16QAM	22.25	21.90
1712.5	19975	5	12	0	16QAM	21.08	20.04
1712.5	19975	5	12	6	16QAM	21.04	19.94
1712.5	19975	5	12	13	16QAM	21.03	20.02
1712.5	19975	5	25	0	16QAM	20.81	19.83
1732.5	20175	5	1	0	QPSK	22.82	22.90
1732.5	20175	5	1	12	QPSK	22.79	22.85
1732.5	20175	5	1	24	QPSK	22.78	22.84
1732.5	20175	5	12	0	QPSK	21.81	20.89
1732.5	20175	5	12	6	QPSK	21.78	20.86
1732.5	20175	5	12	13	QPSK	21.68	20.84
1732.5	20175	5	25	0	QPSK	21.70	20.78
1732.5	20175	5	1	0	16QAM	21.99	21.79
1732.5	20175	5	1	12	16QAM	22.02	21.79
1732.5	20175	5	1	24	16QAM	21.94	21.63
1732.5	20175	5	12	0	16QAM	20.76	19.74
1732.5	20175	5	12	6	16QAM	20.78	19.79
1732.5	20175	5	12	13	16QAM	20.81	19.85
1732.5	20175	5	25	0	16QAM	20.61	19.66

(Table LTE1700/2100, 004402/47/497032/8 continues)

(Table LTE1700/2100, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1752.5	20375	5	1	0	QPSK	23.01	22.98
1752.5	20375	5	1	12	QPSK	22.98	22.96
1752.5	20375	5	1	24	QPSK	23.12	23.06
1752.5	20375	5	12	0	QPSK	21.90	20.92
1752.5	20375	5	12	6	QPSK	21.86	20.93
1752.5	20375	5	12	13	QPSK	22.05	21.04
1752.5	20375	5	25	0	QPSK	21.86	20.91
1752.5	20375	5	1	0	16QAM	22.16	21.86
1752.5	20375	5	1	12	16QAM	22.19	21.90
1752.5	20375	5	1	24	16QAM	22.26	22.02
1752.5	20375	5	12	0	16QAM	20.98	19.93
1752.5	20375	5	12	6	16QAM	20.96	19.93
1752.5	20375	5	12	13	16QAM	20.99	20.04
1752.5	20375	5	25	0	16QAM	20.92	19.86
1715.0	20000	10	1	0	QPSK	23.06	23.01
1715.0	20000	10	1	24	QPSK	23.08	23.09
1715.0	20000	10	1	49	QPSK	23.12	23.10
1715.0	20000	10	25	0	QPSK	21.93	20.94
1715.0	20000	10	25	12	QPSK	21.89	20.92
1715.0	20000	10	25	25	QPSK	21.81	20.91
1715.0	20000	10	50	0	QPSK	21.78	20.85
1715.0	20000	10	1	0	16QAM	21.95	22.22
1715.0	20000	10	1	24	16QAM	21.98	22.31
1715.0	20000	10	1	49	16QAM	22.04	22.34
1715.0	20000	10	25	0	16QAM	20.90	19.90
1715.0	20000	10	25	12	16QAM	20.92	19.96
1715.0	20000	10	25	25	16QAM	20.84	19.86
1715.0	20000	10	50	0	16QAM	20.80	19.84

(Table LTE1700/2100, 004402/47/497032/8 continues)

(Table LTE1700/2100, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1732.5	20175	10	1	0	QPSK	22.83	22.92
1732.5	20175	10	1	24	QPSK	22.89	22.90
1732.5	20175	10	1	49	QPSK	22.76	22.79
1732.5	20175	10	25	0	QPSK	21.69	20.77
1732.5	20175	10	25	12	QPSK	21.67	20.78
1732.5	20175	10	25	25	QPSK	21.64	20.76
1732.5	20175	10	50	0	QPSK	21.60	20.63
1732.5	20175	10	1	0	16QAM	21.79	22.07
1732.5	20175	10	1	24	16QAM	21.81	22.01
1732.5	20175	10	1	49	16QAM	21.65	21.95
1732.5	20175	10	25	0	16QAM	20.63	19.66
1732.5	20175	10	25	12	16QAM	20.58	19.65
1732.5	20175	10	25	25	16QAM	20.58	19.61
1732.5	20175	10	50	0	16QAM	20.61	19.62
1750.0	20350	10	1	0	QPSK	22.97	22.96
1750.0	20350	10	1	24	QPSK	22.89	22.88
1750.0	20350	10	1	49	QPSK	22.96	23.00
1750.0	20350	10	25	0	QPSK	21.74	20.80
1750.0	20350	10	25	12	QPSK	21.67	20.72
1750.0	20350	10	25	25	QPSK	21.65	20.74
1750.0	20350	10	50	0	QPSK	21.68	20.77
1750.0	20350	10	1	0	16QAM	21.90	21.89
1750.0	20350	10	1	24	16QAM	21.81	21.77
1750.0	20350	10	1	49	16QAM	21.88	21.84
1750.0	20350	10	25	0	16QAM	20.69	19.74
1750.0	20350	10	25	12	16QAM	20.68	19.70
1750.0	20350	10	25	25	16QAM	20.68	19.72
1750.0	20350	10	50	0	16QAM	20.76	19.73

(Table LTE1700/2100, 004402/47/497032/8 continues)

(Table LTE1700/2100, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1717.5	20025	15	1	0	QPSK	23.05	23.08
1717.5	20025	15	1	36	QPSK	23.13	23.15
1717.5	20025	15	1	74	QPSK	23.04	23.07
1717.5	20025	15	37	0	QPSK	21.88	20.90
1717.5	20025	15	37	18	QPSK	21.83	20.90
1717.5	20025	15	37	38	QPSK	21.87	20.94
1717.5	20025	15	75	0	QPSK	21.78	20.83
1717.5	20025	15	1	0	16QAM	22.09	22.01
1717.5	20025	15	1	36	16QAM	22.37	22.11
1717.5	20025	15	1	74	16QAM	22.09	22.04
1717.5	20025	15	37	0	16QAM	20.93	19.85
1717.5	20025	15	37	18	16QAM	20.87	19.80
1717.5	20025	15	37	38	16QAM	20.87	19.79
1717.5	20025	15	75	0	16QAM	20.80	19.86
1732.5	20175	15	1	0	QPSK	22.93	22.98
1732.5	20175	15	1	36	QPSK	22.79	22.82
1732.5	20175	15	1	74	QPSK	22.77	22.80
1732.5	20175	15	37	0	QPSK	21.60	20.74
1732.5	20175	15	37	18	QPSK	21.54	20.64
1732.5	20175	15	37	38	QPSK	21.57	20.60
1732.5	20175	15	75	0	QPSK	21.57	20.68
1732.5	20175	15	1	0	16QAM	22.09	22.06
1732.5	20175	15	1	36	16QAM	21.97	21.94
1732.5	20175	15	1	74	16QAM	21.85	21.83
1732.5	20175	15	37	0	16QAM	20.60	19.65
1732.5	20175	15	37	18	16QAM	20.58	19.61
1732.5	20175	15	37	38	16QAM	20.53	19.55
1732.5	20175	15	75	0	16QAM	20.55	19.62

(Table LTE1700/2100, 004402/47/497032/8 continues)

(Table LTE1700/2100, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1747.5	20325	15	1	0	QPSK	22.86	22.97
1747.5	20325	15	1	36	QPSK	22.82	22.83
1747.5	20325	15	1	74	QPSK	22.96	22.98
1747.5	20325	15	37	0	QPSK	21.66	20.75
1747.5	20325	15	37	18	QPSK	21.66	20.79
1747.5	20325	15	37	38	QPSK	21.58	20.71
1747.5	20325	15	75	0	QPSK	21.61	20.71
1747.5	20325	15	1	0	16QAM	21.74	22.00
1747.5	20325	15	1	36	16QAM	21.61	21.90
1747.5	20325	15	1	74	16QAM	21.76	22.02
1747.5	20325	15	37	0	16QAM	20.72	19.69
1747.5	20325	15	37	18	16QAM	20.75	19.71
1747.5	20325	15	37	38	16QAM	20.69	19.65
1747.5	20325	15	75	0	16QAM	20.61	19.69
1720.0	20050	20	1	0	QPSK	22.96	22.92
1720.0	20050	20	1	49	QPSK	23.00	23.03
1720.0	20050	20	1	99	QPSK	22.80	22.79
1720.0	20050	20	50	0	QPSK	21.80	20.79
1720.0	20050	20	50	24	QPSK	21.81	20.81
1720.0	20050	20	50	50	QPSK	21.63	20.70
1720.0	20050	20	100	0	QPSK	21.77	20.78
1720.0	20050	20	1	0	16QAM	21.64	21.84
1720.0	20050	20	1	49	16QAM	21.77	21.88
1720.0	20050	20	1	99	16QAM	21.47	21.66
1720.0	20050	20	50	0	16QAM	20.79	19.70
1720.0	20050	20	50	24	16QAM	20.78	19.78
1720.0	20050	20	50	50	16QAM	20.63	19.58
1720.0	20050	20	100	0	16QAM	20.71	19.67

(Table LTE1700/2100, 004402/47/497032/8 continues)

(Table for LTE1700/2100, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1732.5	20175	20	1	0	QPSK	22.95	22.93
1732.5	20175	20	1	49	QPSK	22.79	22.77
1732.5	20175	20	1	99	QPSK	22.80	22.70
1732.5	20175	20	50	0	QPSK	21.61	20.63
1732.5	20175	20	50	24	QPSK	21.55	20.58
1732.5	20175	20	50	50	QPSK	21.49	20.57
1732.5	20175	20	100	0	QPSK	21.53	20.70
1732.5	20175	20	1	0	16QAM	21.71	21.82
1732.5	20175	20	1	49	16QAM	21.53	21.67
1732.5	20175	20	1	99	16QAM	21.47	21.56
1732.5	20175	20	50	0	16QAM	20.58	19.58
1732.5	20175	20	50	24	16QAM	20.50	19.53
1732.5	20175	20	50	50	16QAM	20.50	19.53
1732.5	20175	20	100	0	16QAM	20.60	19.57
1745.0	20300	20	1	0	QPSK	22.90	22.83
1745.0	20300	20	1	49	QPSK	22.90	22.84
1745.0	20300	20	1	99	QPSK	22.94	22.88
1745.0	20300	20	50	0	QPSK	21.63	20.71
1745.0	20300	20	50	24	QPSK	21.69	20.72
1745.0	20300	20	50	50	QPSK	21.67	20.70
1745.0	20300	20	100	0	QPSK	21.60	20.66
1745.0	20300	20	1	0	16QAM	21.59	21.57
1745.0	20300	20	1	49	16QAM	21.60	21.53
1745.0	20300	20	1	99	16QAM	21.67	21.57
1745.0	20300	20	50	0	16QAM	20.61	19.69
1745.0	20300	20	50	24	16QAM	20.60	19.67
1745.0	20300	20	50	50	16QAM	20.64	19.74
1745.0	20300	20	100	0	16QAM	20.68	19.68

HW: 2100; Type: RM-940; Serial number: 004402/47/342581/1 used for LTE1900 (Band2) for Head, Body-worn and Wireless Router SAR measurements.

“Max Average Power (dBm)” column lists measured powers with MPR active. The “Reduced Power (dBm)” column lists measured powers with MPR and A-MPR active (as defined by 3GPP TS 36.101). A-MPR is not specified for LTE1900 (Band 2) in 1.4MHz Channel BW in this specification (Table 6.2.4-1).

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1850.7	18607	1.4	1	0	QPSK	23.21	-
1850.7	18607	1.4	1	2	QPSK	23.23	-
1850.7	18607	1.4	1	5	QPSK	23.24	-
1850.7	18607	1.4	3	0	QPSK	23.24	-
1850.7	18607	1.4	3	2	QPSK	23.28	-
1850.7	18607	1.4	3	3	QPSK	23.22	-
1850.7	18607	1.4	6	0	QPSK	22.20	-
1850.7	18607	1.4	1	0	16QAM	21.84	-
1850.7	18607	1.4	1	2	16QAM	21.89	-
1850.7	18607	1.4	1	5	16QAM	21.79	-
1850.7	18607	1.4	3	0	16QAM	22.32	-
1850.7	18607	1.4	3	2	16QAM	22.25	-
1850.7	18607	1.4	3	3	16QAM	22.34	-
1850.7	18607	1.4	6	0	16QAM	21.20	-
1880.0	18900	1.4	1	0	QPSK	23.03	-
1880.0	18900	1.4	1	2	QPSK	22.99	-
1880.0	18900	1.4	1	5	QPSK	22.99	-
1880.0	18900	1.4	3	0	QPSK	22.98	-
1880.0	18900	1.4	3	2	QPSK	23.04	-
1880.0	18900	1.4	3	3	QPSK	23.00	-
1880.0	18900	1.4	6	0	QPSK	22.13	-
1880.0	18900	1.4	1	0	16QAM	21.73	-
1880.0	18900	1.4	1	2	16QAM	21.71	-
1880.0	18900	1.4	1	5	16QAM	21.73	-
1880.0	18900	1.4	3	0	16QAM	22.15	-
1880.0	18900	1.4	3	2	16QAM	22.15	-
1880.0	18900	1.4	3	3	16QAM	22.12	-
1880.0	18900	1.4	6	0	16QAM	20.97	-

(Table LTE1900, 004402/47/342581/1 continues)

(Table LTE1900, 004402/47/342581/1 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1909.3	19193	1.4	1	0	QPSK	22.97	-
1909.3	19193	1.4	1	2	QPSK	22.93	-
1909.3	19193	1.4	1	5	QPSK	22.91	-
1909.3	19193	1.4	3	0	QPSK	22.94	-
1909.3	19193	1.4	3	2	QPSK	22.93	-
1909.3	19193	1.4	3	3	QPSK	22.95	-
1909.3	19193	1.4	6	0	QPSK	22.05	-
1909.3	19193	1.4	1	0	16QAM	21.86	-
1909.3	19193	1.4	1	2	16QAM	21.72	-
1909.3	19193	1.4	1	5	16QAM	21.85	-
1909.3	19193	1.4	3	0	16QAM	22.13	-
1909.3	19193	1.4	3	2	16QAM	22.13	-
1909.3	19193	1.4	3	3	16QAM	22.09	-
1909.3	19193	1.4	6	0	16QAM	21.06	-
1851.5	18615	3	1	0	QPSK	23.16	23.23
1851.5	18615	3	1	7	QPSK	23.13	23.25
1851.5	18615	3	1	14	QPSK	23.17	23.23
1851.5	18615	3	8	0	QPSK	22.16	21.18
1851.5	18615	3	8	3	QPSK	22.19	21.15
1851.5	18615	3	8	7	QPSK	22.18	21.14
1851.5	18615	3	15	0	QPSK	22.12	21.21
1851.5	18615	3	1	0	16QAM	21.95	22.40
1851.5	18615	3	1	7	16QAM	21.94	22.37
1851.5	18615	3	1	14	16QAM	21.97	22.33
1851.5	18615	3	8	0	16QAM	21.05	20.23
1851.5	18615	3	8	3	16QAM	21.13	20.21
1851.5	18615	3	8	7	16QAM	21.08	20.16
1851.5	18615	3	15	0	16QAM	21.13	20.19

(Table LTE1900, 004402/47/342581/1 continues)

(Table LTE1900, 004402/47/342581/1 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1880.0	18900	3	1	0	QPSK	23.03	23.07
1880.0	18900	3	1	7	QPSK	23.01	23.08
1880.0	18900	3	1	14	QPSK	23.10	23.17
1880.0	18900	3	8	0	QPSK	22.06	21.07
1880.0	18900	3	8	3	QPSK	22.04	21.09
1880.0	18900	3	8	7	QPSK	22.04	21.14
1880.0	18900	3	15	0	QPSK	22.02	21.00
1880.0	18900	3	1	0	16QAM	22.19	22.33
1880.0	18900	3	1	7	16QAM	22.06	22.30
1880.0	18900	3	1	14	16QAM	22.22	22.32
1880.0	18900	3	8	0	16QAM	21.01	20.10
1880.0	18900	3	8	3	16QAM	21.01	20.12
1880.0	18900	3	8	7	16QAM	21.01	20.07
1880.0	18900	3	15	0	16QAM	21.04	20.15
1908.5	19185	3	1	0	QPSK	23.06	23.05
1908.5	19185	3	1	7	QPSK	23.00	23.03
1908.5	19185	3	1	14	QPSK	22.88	22.99
1908.5	19185	3	8	0	QPSK	22.09	21.25
1908.5	19185	3	8	3	QPSK	22.04	21.22
1908.5	19185	3	8	7	QPSK	22.08	21.18
1908.5	19185	3	15	0	QPSK	22.05	21.13
1908.5	19185	3	1	0	16QAM	22.26	22.06
1908.5	19185	3	1	7	16QAM	22.20	22.01
1908.5	19185	3	1	14	16QAM	22.15	22.01
1908.5	19185	3	8	0	16QAM	21.10	20.28
1908.5	19185	3	8	3	16QAM	21.10	20.19
1908.5	19185	3	8	7	16QAM	20.95	20.25
1908.5	19185	3	15	0	16QAM	21.15	20.18

(Table LTE1900, 004402/47/342581/1 continues)

(Table LTE1900, 004402/47/342581/1 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1852.5	18625	5	1	0	QPSK	23.23	23.18
1852.5	18625	5	1	12	QPSK	23.26	23.22
1852.5	18625	5	1	24	QPSK	23.20	23.22
1852.5	18625	5	12	0	QPSK	22.13	21.15
1852.5	18625	5	12	6	QPSK	22.05	21.14
1852.5	18625	5	12	13	QPSK	22.07	21.17
1852.5	18625	5	25	0	QPSK	21.97	21.07
1852.5	18625	5	1	0	16QAM	22.11	21.86
1852.5	18625	5	1	12	16QAM	22.04	21.89
1852.5	18625	5	1	24	16QAM	22.11	21.92
1852.5	18625	5	12	0	16QAM	21.18	20.27
1852.5	18625	5	12	6	16QAM	21.16	20.26
1852.5	18625	5	12	13	16QAM	21.23	20.23
1852.5	18625	5	25	0	16QAM	21.11	20.08
1880.0	18900	5	1	0	QPSK	23.12	23.19
1880.0	18900	5	1	12	QPSK	23.11	23.11
1880.0	18900	5	1	24	QPSK	23.12	23.16
1880.0	18900	5	12	0	QPSK	22.03	21.02
1880.0	18900	5	12	6	QPSK	22.03	21.05
1880.0	18900	5	12	13	QPSK	22.08	21.10
1880.0	18900	5	25	0	QPSK	21.93	21.00
1880.0	18900	5	1	0	16QAM	22.05	21.98
1880.0	18900	5	1	12	16QAM	22.02	21.93
1880.0	18900	5	1	24	16QAM	22.06	21.95
1880.0	18900	5	12	0	16QAM	21.09	20.09
1880.0	18900	5	12	6	16QAM	21.08	20.16
1880.0	18900	5	12	13	16QAM	21.10	20.14
1880.0	18900	5	25	0	16QAM	20.99	20.04

(Table LTE1900, 004402/47/342581/1 continues)

(Table LTE1900, 004402/47/342581/1 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1907.5	19175	5	1	0	QPSK	22.99	23.00
1907.5	19175	5	1	12	QPSK	23.04	23.06
1907.5	19175	5	1	24	QPSK	22.96	22.98
1907.5	19175	5	12	0	QPSK	22.14	21.29
1907.5	19175	5	12	6	QPSK	22.14	21.25
1907.5	19175	5	12	13	QPSK	22.08	21.15
1907.5	19175	5	25	0	QPSK	22.02	21.18
1907.5	19175	5	1	0	16QAM	22.04	21.89
1907.5	19175	5	1	12	16QAM	22.07	21.94
1907.5	19175	5	1	24	16QAM	21.99	21.88
1907.5	19175	5	12	0	16QAM	21.26	20.34
1907.5	19175	5	12	6	16QAM	21.19	20.25
1907.5	19175	5	12	13	16QAM	21.15	20.16
1907.5	19175	5	25	0	16QAM	21.11	20.17
1855.0	18650	10	1	0	QPSK	23.22	23.26
1855.0	18650	10	1	24	QPSK	23.15	23.22
1855.0	18650	10	1	49	QPSK	23.19	23.23
1855.0	18650	10	25	0	QPSK	21.99	21.08
1855.0	18650	10	25	12	QPSK	21.99	21.06
1855.0	18650	10	25	25	QPSK	21.97	21.02
1855.0	18650	10	50	0	QPSK	21.88	20.97
1855.0	18650	10	1	0	16QAM	22.37	22.41
1855.0	18650	10	1	24	16QAM	22.32	22.32
1855.0	18650	10	1	49	16QAM	22.37	22.38
1855.0	18650	10	25	0	16QAM	21.00	20.15
1855.0	18650	10	25	12	16QAM	20.94	20.10
1855.0	18650	10	25	25	16QAM	20.98	20.11
1855.0	18650	10	50	0	16QAM	20.94	19.98

(Table LTE1900, 004402/47/342581/1 continues)

(Table LTE1900, 004402/47/342581/1 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1880.0	18900	10	1	0	QPSK	23.17	23.20
1880.0	18900	10	1	24	QPSK	23.12	23.09
1880.0	18900	10	1	49	QPSK	23.04	23.09
1880.0	18900	10	25	0	QPSK	21.95	20.94
1880.0	18900	10	25	12	QPSK	21.98	21.03
1880.0	18900	10	25	25	QPSK	21.99	21.07
1880.0	18900	10	50	0	QPSK	21.81	20.87
1880.0	18900	10	1	0	16QAM	22.38	22.37
1880.0	18900	10	1	24	16QAM	22.30	22.32
1880.0	18900	10	1	49	16QAM	22.27	22.36
1880.0	18900	10	25	0	16QAM	20.88	20.03
1880.0	18900	10	25	12	16QAM	20.92	20.09
1880.0	18900	10	25	25	16QAM	20.96	20.18
1880.0	18900	10	50	0	16QAM	20.86	19.99
1905.0	19150	10	1	0	QPSK	23.10	23.18
1905.0	19150	10	1	24	QPSK	23.02	23.10
1905.0	19150	10	1	49	QPSK	22.97	23.03
1905.0	19150	10	25	0	QPSK	22.11	21.21
1905.0	19150	10	25	12	QPSK	22.04	21.18
1905.0	19150	10	25	25	QPSK	22.05	21.18
1905.0	19150	10	50	0	QPSK	21.87	21.05
1905.0	19150	10	1	0	16QAM	22.07	22.47
1905.0	19150	10	1	24	16QAM	21.98	22.33
1905.0	19150	10	1	49	16QAM	21.99	22.28
1905.0	19150	10	25	0	16QAM	21.10	20.19
1905.0	19150	10	25	12	16QAM	21.06	20.20
1905.0	19150	10	25	25	16QAM	21.15	20.23
1905.0	19150	10	50	0	16QAM	20.92	20.10

(Table LTE1900, 004402/47/342581/1 continues)

(Table LTE1900, 004402/47/342581/1 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1857.5	18675	15	1	0	QPSK	23.22	23.27
1857.5	18675	15	1	36	QPSK	23.17	23.22
1857.5	18675	15	1	74	QPSK	23.25	23.30
1857.5	18675	15	37	0	QPSK	21.88	21.01
1857.5	18675	15	37	18	QPSK	21.86	20.97
1857.5	18675	15	37	38	QPSK	21.86	20.96
1857.5	18675	15	75	0	QPSK	21.91	21.04
1857.5	18675	15	1	0	16QAM	21.95	22.26
1857.5	18675	15	1	36	16QAM	21.90	22.25
1857.5	18675	15	1	74	16QAM	21.92	22.29
1857.5	18675	15	37	0	16QAM	21.03	20.04
1857.5	18675	15	37	18	16QAM	20.97	20.04
1857.5	18675	15	37	38	16QAM	20.95	20.01
1857.5	18675	15	75	0	16QAM	20.84	20.00
1880.0	18900	15	1	0	QPSK	23.19	23.30
1880.0	18900	15	1	36	QPSK	23.06	23.12
1880.0	18900	15	1	74	QPSK	23.06	23.14
1880.0	18900	15	37	0	QPSK	21.84	20.91
1880.0	18900	15	37	18	QPSK	21.92	20.97
1880.0	18900	15	37	38	QPSK	21.96	21.08
1880.0	18900	15	75	0	QPSK	21.84	20.95
1880.0	18900	15	1	0	16QAM	22.05	22.29
1880.0	18900	15	1	36	16QAM	21.97	22.24
1880.0	18900	15	1	74	16QAM	22.01	22.24
1880.0	18900	15	37	0	16QAM	20.86	19.99
1880.0	18900	15	37	18	16QAM	20.95	20.04
1880.0	18900	15	37	38	16QAM	20.95	20.14
1880.0	18900	15	75	0	16QAM	20.90	20.03

(Table LTE1900, 004402/47/342581/1 continues)

(Table LTE1900, 004402/47/342581/1 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1902.5	19125	15	1	0	QPSK	23.14	23.24
1902.5	19125	15	1	36	QPSK	23.09	23.12
1902.5	19125	15	1	74	QPSK	23.00	23.05
1902.5	19125	15	37	0	QPSK	22.18	21.24
1902.5	19125	15	37	18	QPSK	22.06	21.21
1902.5	19125	15	37	38	QPSK	21.92	21.14
1902.5	19125	15	75	0	QPSK	22.00	21.09
1902.5	19125	15	1	0	16QAM	22.10	22.33
1902.5	19125	15	1	36	16QAM	22.06	22.26
1902.5	19125	15	1	74	16QAM	21.95	22.18
1902.5	19125	15	37	0	16QAM	21.18	20.32
1902.5	19125	15	37	18	16QAM	21.07	20.24
1902.5	19125	15	37	38	16QAM	21.00	20.10
1902.5	19125	15	75	0	16QAM	21.05	20.16
1860.0	18700	20	1	0	QPSK	23.23	23.24
1860.0	18700	20	1	49	QPSK	23.24	23.19
1860.0	18700	20	1	99	QPSK	23.10	23.11
1860.0	18700	20	50	0	QPSK	21.89	20.98
1860.0	18700	20	50	24	QPSK	21.85	20.99
1860.0	18700	20	50	50	QPSK	21.88	20.99
1860.0	18700	20	100	0	QPSK	21.93	21.04
1860.0	18700	20	1	0	16QAM	22.13	21.90
1860.0	18700	20	1	49	16QAM	22.06	21.84
1860.0	18700	20	1	99	16QAM	21.98	21.77
1860.0	18700	20	50	0	16QAM	20.95	20.03
1860.0	18700	20	50	24	16QAM	20.95	20.01
1860.0	18700	20	50	50	16QAM	20.89	20.09
1860.0	18700	20	100	0	16QAM	20.97	20.06

(Table LTE1900, 004402/47/342581/1 continues)

(Table for LTE1900, 004402/47/342581/1 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1880.0	18900	20	1	0	QPSK	23.34	23.34
1880.0	18900	20	1	49	QPSK	23.09	23.11
1880.0	18900	20	1	99	QPSK	23.01	23.02
1880.0	18900	20	50	0	QPSK	21.88	20.93
1880.0	18900	20	50	24	QPSK	21.82	20.92
1880.0	18900	20	50	50	QPSK	21.90	20.94
1880.0	18900	20	100	0	QPSK	21.90	20.94
1880.0	18900	20	1	0	16QAM	22.21	22.07
1880.0	18900	20	1	49	16QAM	22.05	21.96
1880.0	18900	20	1	99	16QAM	22.00	21.90
1880.0	18900	20	50	0	16QAM	20.89	19.98
1880.0	18900	20	50	24	16QAM	20.93	19.98
1880.0	18900	20	50	50	16QAM	20.89	19.98
1880.0	18900	20	100	0	16QAM	20.93	20.02
1900.0	19100	20	1	0	QPSK	23.17	23.19
1900.0	19100	20	1	49	QPSK	23.19	23.20
1900.0	19100	20	1	99	QPSK	23.15	23.13
1900.0	19100	20	50	0	QPSK	22.01	21.18
1900.0	19100	20	50	24	QPSK	22.06	21.16
1900.0	19100	20	50	50	QPSK	21.96	21.13
1900.0	19100	20	100	0	QPSK	22.06	21.21
1900.0	19100	20	1	0	16QAM	22.12	22.04
1900.0	19100	20	1	49	16QAM	22.20	22.08
1900.0	19100	20	1	99	16QAM	22.05	21.93
1900.0	19100	20	50	0	16QAM	21.12	20.17
1900.0	19100	20	50	24	16QAM	21.06	20.17
1900.0	19100	20	50	50	16QAM	20.99	20.10
1900.0	19100	20	100	0	16QAM	21.11	20.28

HW: 2200; Type: RM-938; Serial number: 004402/47/497032/8 used for LTE1900 (Band2) for Head, Body-worn and Wireless Router SAR measurements.

“Max Average Power (dBm)” column lists measured powers with MPR active. The “Reduced Power (dBm)” column lists measured powers with MPR and A-MPR active (as defined by 3GPP TS 36.101). A-MPR is not specified for LTE1900 (Band 2) in 1.4MHz Channel BW in this specification (Table 6.2.4-1).

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1850.7	18607	1.4	1	0	QPSK	22.98	-
1850.7	18607	1.4	1	2	QPSK	23.00	-
1850.7	18607	1.4	1	5	QPSK	23.04	-
1850.7	18607	1.4	3	0	QPSK	23.06	-
1850.7	18607	1.4	3	2	QPSK	22.99	-
1850.7	18607	1.4	3	3	QPSK	23.01	-
1850.7	18607	1.4	6	0	QPSK	22.03	-
1850.7	18607	1.4	1	0	16QAM	22.08	-
1850.7	18607	1.4	1	2	16QAM	22.22	-
1850.7	18607	1.4	1	5	16QAM	22.11	-
1850.7	18607	1.4	3	0	16QAM	22.13	-
1850.7	18607	1.4	3	2	16QAM	22.12	-
1850.7	18607	1.4	3	3	16QAM	22.14	-
1850.7	18607	1.4	6	0	16QAM	21.12	-
1880.0	18900	1.4	1	0	QPSK	23.12	-
1880.0	18900	1.4	1	2	QPSK	23.15	-
1880.0	18900	1.4	1	5	QPSK	23.18	-
1880.0	18900	1.4	3	0	QPSK	23.10	-
1880.0	18900	1.4	3	2	QPSK	23.10	-
1880.0	18900	1.4	3	3	QPSK	23.16	-
1880.0	18900	1.4	6	0	QPSK	22.25	-
1880.0	18900	1.4	1	0	16QAM	22.22	-
1880.0	18900	1.4	1	2	16QAM	22.32	-
1880.0	18900	1.4	1	5	16QAM	22.24	-
1880.0	18900	1.4	3	0	16QAM	22.25	-
1880.0	18900	1.4	3	2	16QAM	22.25	-
1880.0	18900	1.4	3	3	16QAM	22.27	-
1880.0	18900	1.4	6	0	16QAM	21.31	-

(Table LTE1900, 004402/47/497032/8 continues)

(Table LTE1900, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1909.3	19193	1.4	1	0	QPSK	23.14	-
1909.3	19193	1.4	1	2	QPSK	23.10	-
1909.3	19193	1.4	1	5	QPSK	23.07	-
1909.3	19193	1.4	3	0	QPSK	23.13	-
1909.3	19193	1.4	3	2	QPSK	23.07	-
1909.3	19193	1.4	3	3	QPSK	23.12	-
1909.3	19193	1.4	6	0	QPSK	22.09	-
1909.3	19193	1.4	1	0	16QAM	22.25	-
1909.3	19193	1.4	1	2	16QAM	22.26	-
1909.3	19193	1.4	1	5	16QAM	22.21	-
1909.3	19193	1.4	3	0	16QAM	22.18	-
1909.3	19193	1.4	3	2	16QAM	22.17	-
1909.3	19193	1.4	3	3	16QAM	22.15	-
1909.3	19193	1.4	6	0	16QAM	21.29	-
1851.5	18615	3	1	0	QPSK	23.05	23.04
1851.5	18615	3	1	7	QPSK	23.02	23.02
1851.5	18615	3	1	14	QPSK	23.03	23.06
1851.5	18615	3	8	0	QPSK	22.02	21.00
1851.5	18615	3	8	3	QPSK	22.00	20.96
1851.5	18615	3	8	7	QPSK	22.00	20.92
1851.5	18615	3	15	0	QPSK	21.92	20.91
1851.5	18615	3	1	0	16QAM	21.89	21.91
1851.5	18615	3	1	7	16QAM	21.90	21.91
1851.5	18615	3	1	14	16QAM	21.84	21.92
1851.5	18615	3	8	0	16QAM	20.87	19.88
1851.5	18615	3	8	3	16QAM	20.83	19.87
1851.5	18615	3	8	7	16QAM	20.80	19.80
1851.5	18615	3	15	0	16QAM	20.88	19.97

(Table LTE1900, 004402/47/497032/8 continues)

(Table LTE1900, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1880.0	18900	3	1	0	QPSK	23.11	23.16
1880.0	18900	3	1	7	QPSK	23.17	23.14
1880.0	18900	3	1	14	QPSK	23.16	23.14
1880.0	18900	3	8	0	QPSK	22.12	21.14
1880.0	18900	3	8	3	QPSK	22.14	21.12
1880.0	18900	3	8	7	QPSK	22.13	21.14
1880.0	18900	3	15	0	QPSK	22.03	21.09
1880.0	18900	3	1	0	16QAM	22.05	22.10
1880.0	18900	3	1	7	16QAM	22.07	22.13
1880.0	18900	3	1	14	16QAM	22.07	22.13
1880.0	18900	3	8	0	16QAM	21.03	20.02
1880.0	18900	3	8	3	16QAM	21.04	20.00
1880.0	18900	3	8	7	16QAM	21.06	19.94
1880.0	18900	3	15	0	16QAM	21.04	20.09
1908.5	19185	3	1	0	QPSK	23.20	23.21
1908.5	19185	3	1	7	QPSK	23.13	23.17
1908.5	19185	3	1	14	QPSK	23.13	23.12
1908.5	19185	3	8	0	QPSK	22.21	21.31
1908.5	19185	3	8	3	QPSK	22.16	21.26
1908.5	19185	3	8	7	QPSK	22.12	21.25
1908.5	19185	3	15	0	QPSK	22.06	21.16
1908.5	19185	3	1	0	16QAM	22.12	22.14
1908.5	19185	3	1	7	16QAM	22.09	22.15
1908.5	19185	3	1	14	16QAM	22.04	22.10
1908.5	19185	3	8	0	16QAM	21.02	20.12
1908.5	19185	3	8	3	16QAM	21.04	20.14
1908.5	19185	3	8	7	16QAM	21.05	20.12
1908.5	19185	3	15	0	16QAM	21.16	20.29

(Table LTE1900, 004402/47/497032/8 continues)

(Table LTE1900, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1852.5	18625	5	1	0	QPSK	23.13	23.14
1852.5	18625	5	1	12	QPSK	23.06	23.02
1852.5	18625	5	1	24	QPSK	23.04	23.02
1852.5	18625	5	12	0	QPSK	21.98	20.96
1852.5	18625	5	12	6	QPSK	21.92	20.94
1852.5	18625	5	12	13	QPSK	21.93	20.93
1852.5	18625	5	25	0	QPSK	21.90	20.89
1852.5	18625	5	1	0	16QAM	22.16	22.18
1852.5	18625	5	1	12	16QAM	22.18	22.17
1852.5	18625	5	1	24	16QAM	22.20	22.19
1852.5	18625	5	12	0	16QAM	20.95	20.01
1852.5	18625	5	12	6	16QAM	20.91	20.05
1852.5	18625	5	12	13	16QAM	20.92	19.91
1852.5	18625	5	25	0	16QAM	20.81	19.92
1880.0	18900	5	1	0	QPSK	23.23	23.22
1880.0	18900	5	1	12	QPSK	23.14	23.16
1880.0	18900	5	1	24	QPSK	23.17	23.17
1880.0	18900	5	12	0	QPSK	22.04	21.13
1880.0	18900	5	12	6	QPSK	22.09	21.14
1880.0	18900	5	12	13	QPSK	22.12	21.17
1880.0	18900	5	25	0	QPSK	21.94	20.94
1880.0	18900	5	1	0	16QAM	22.43	22.43
1880.0	18900	5	1	12	16QAM	22.36	22.37
1880.0	18900	5	1	24	16QAM	22.37	22.40
1880.0	18900	5	12	0	16QAM	21.10	20.13
1880.0	18900	5	12	6	16QAM	21.11	20.15
1880.0	18900	5	12	13	16QAM	21.16	20.22
1880.0	18900	5	25	0	16QAM	20.97	20.04

(Table LTE1900, 004402/47/497032/8 continues)

(Table LTE1900, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1907.5	19175	5	1	0	QPSK	23.20	23.19
1907.5	19175	5	1	12	QPSK	23.19	23.16
1907.5	19175	5	1	24	QPSK	23.15	23.09
1907.5	19175	5	12	0	QPSK	22.15	21.34
1907.5	19175	5	12	6	QPSK	22.17	21.31
1907.5	19175	5	12	13	QPSK	22.12	21.23
1907.5	19175	5	25	0	QPSK	22.00	21.12
1907.5	19175	5	1	0	16QAM	22.42	22.14
1907.5	19175	5	1	12	16QAM	22.41	22.10
1907.5	19175	5	1	24	16QAM	22.25	21.94
1907.5	19175	5	12	0	16QAM	21.23	20.40
1907.5	19175	5	12	6	16QAM	21.25	20.39
1907.5	19175	5	12	13	16QAM	21.20	20.32
1907.5	19175	5	25	0	16QAM	21.11	20.33
1855.0	18650	10	1	0	QPSK	23.07	23.04
1855.0	18650	10	1	24	QPSK	22.96	23.02
1855.0	18650	10	1	49	QPSK	22.97	23.03
1855.0	18650	10	25	0	QPSK	21.84	20.87
1855.0	18650	10	25	12	QPSK	21.85	20.85
1855.0	18650	10	25	25	QPSK	21.82	20.82
1855.0	18650	10	50	0	QPSK	21.81	20.81
1855.0	18650	10	1	0	16QAM	21.72	21.81
1855.0	18650	10	1	24	16QAM	21.62	21.74
1855.0	18650	10	1	49	16QAM	21.64	21.75
1855.0	18650	10	25	0	16QAM	20.72	19.92
1855.0	18650	10	25	12	16QAM	20.80	19.91
1855.0	18650	10	25	25	16QAM	20.70	19.94
1855.0	18650	10	50	0	16QAM	20.69	19.91

(Table LTE1900, 004402/47/497032/8 continues)

(Table LTE1900, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1880.0	18900	10	1	0	QPSK	23.10	23.19
1880.0	18900	10	1	24	QPSK	23.06	23.16
1880.0	18900	10	1	49	QPSK	23.06	23.16
1880.0	18900	10	25	0	QPSK	21.95	21.00
1880.0	18900	10	25	12	QPSK	21.95	21.06
1880.0	18900	10	25	25	QPSK	22.02	21.08
1880.0	18900	10	50	0	QPSK	21.88	20.97
1880.0	18900	10	1	0	16QAM	21.86	21.92
1880.0	18900	10	1	24	16QAM	21.82	21.94
1880.0	18900	10	1	49	16QAM	21.77	21.89
1880.0	18900	10	25	0	16QAM	20.95	19.99
1880.0	18900	10	25	12	16QAM	20.99	20.06
1880.0	18900	10	25	25	16QAM	21.02	20.09
1880.0	18900	10	50	0	16QAM	21.01	20.02
1905.0	19150	10	1	0	QPSK	23.11	23.19
1905.0	19150	10	1	24	QPSK	23.16	23.26
1905.0	19150	10	1	49	QPSK	23.04	23.11
1905.0	19150	10	25	0	QPSK	22.01	21.20
1905.0	19150	10	25	12	QPSK	22.13	21.30
1905.0	19150	10	25	25	QPSK	22.02	21.23
1905.0	19150	10	50	0	QPSK	22.02	21.22
1905.0	19150	10	1	0	16QAM	21.93	22.04
1905.0	19150	10	1	24	16QAM	22.04	22.04
1905.0	19150	10	1	49	16QAM	21.84	21.92
1905.0	19150	10	25	0	16QAM	21.10	20.27
1905.0	19150	10	25	12	16QAM	21.19	20.34
1905.0	19150	10	25	25	16QAM	21.09	20.26
1905.0	19150	10	50	0	16QAM	21.11	20.22

(Table LTE1900, 004402/47/497032/8 continues)

(Table LTE1900, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1857.5	18675	15	1	0	QPSK	23.09	23.09
1857.5	18675	15	1	36	QPSK	23.05	23.04
1857.5	18675	15	1	74	QPSK	23.08	23.08
1857.5	18675	15	37	0	QPSK	21.86	20.84
1857.5	18675	15	37	18	QPSK	21.86	20.84
1857.5	18675	15	37	38	QPSK	21.85	20.81
1857.5	18675	15	75	0	QPSK	21.79	20.81
1857.5	18675	15	1	0	16QAM	22.22	22.18
1857.5	18675	15	1	36	16QAM	22.11	22.12
1857.5	18675	15	1	74	16QAM	22.12	22.12
1857.5	18675	15	37	0	16QAM	20.84	19.79
1857.5	18675	15	37	18	16QAM	20.76	19.85
1857.5	18675	15	37	38	16QAM	20.70	19.81
1857.5	18675	15	75	0	16QAM	20.79	19.88
1880.0	18900	15	1	0	QPSK	23.12	23.12
1880.0	18900	15	1	36	QPSK	23.15	23.16
1880.0	18900	15	1	74	QPSK	23.15	23.16
1880.0	18900	15	37	0	QPSK	21.90	20.99
1880.0	18900	15	37	18	QPSK	21.91	21.03
1880.0	18900	15	37	38	QPSK	22.06	21.11
1880.0	18900	15	75	0	QPSK	21.94	21.01
1880.0	18900	15	1	0	16QAM	22.39	22.36
1880.0	18900	15	1	36	16QAM	22.33	22.36
1880.0	18900	15	1	74	16QAM	22.33	22.31
1880.0	18900	15	37	0	16QAM	20.91	19.97
1880.0	18900	15	37	18	16QAM	20.97	20.05
1880.0	18900	15	37	38	16QAM	21.03	20.10
1880.0	18900	15	75	0	16QAM	20.96	20.02

(Table LTE1900, 004402/47/497032/8 continues)

(Table LTE1900, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1902.5	19125	15	1	0	QPSK	23.14	23.14
1902.5	19125	15	1	36	QPSK	23.28	23.28
1902.5	19125	15	1	74	QPSK	23.15	23.12
1902.5	19125	15	37	0	QPSK	22.06	21.23
1902.5	19125	15	37	18	QPSK	22.08	21.25
1902.5	19125	15	37	38	QPSK	22.13	21.27
1902.5	19125	15	75	0	QPSK	21.98	21.21
1902.5	19125	15	1	0	16QAM	22.32	22.35
1902.5	19125	15	1	36	16QAM	22.51	22.49
1902.5	19125	15	1	74	16QAM	22.29	22.32
1902.5	19125	15	37	0	16QAM	21.17	20.27
1902.5	19125	15	37	18	16QAM	21.20	20.25
1902.5	19125	15	37	38	16QAM	21.18	20.30
1902.5	19125	15	75	0	16QAM	21.14	20.25
1860.0	18700	20	1	0	QPSK	23.23	23.27
1860.0	18700	20	1	49	QPSK	23.18	23.14
1860.0	18700	20	1	99	QPSK	23.11	23.16
1860.0	18700	20	50	0	QPSK	21.98	20.94
1860.0	18700	20	50	24	QPSK	21.92	20.92
1860.0	18700	20	50	50	QPSK	21.93	20.90
1860.0	18700	20	100	0	QPSK	21.95	20.95
1860.0	18700	20	1	0	16QAM	22.11	22.37
1860.0	18700	20	1	49	16QAM	21.97	22.22
1860.0	18700	20	1	99	16QAM	22.01	22.23
1860.0	18700	20	50	0	16QAM	20.78	20.00
1860.0	18700	20	50	24	16QAM	20.89	19.91
1860.0	18700	20	50	50	16QAM	20.85	19.96
1860.0	18700	20	100	0	16QAM	20.91	20.07

(Table LTE1900, 004402/47/497032/8 continues)

(Table for LTE1900, 004402/47/497032/8 continues)

Frequency (MHz)	Channel Number	Bandwidth (MHz)	RB Number	RB Offset	Modulation	Max Average Power (dBm)	Reduced Power(dBm)
1880.0	18900	20	1	0	QPSK	23.25	23.24
1880.0	18900	20	1	49	QPSK	23.18	23.22
1880.0	18900	20	1	99	QPSK	23.07	23.11
1880.0	18900	20	50	0	QPSK	22.03	20.99
1880.0	18900	20	50	24	QPSK	21.98	21.02
1880.0	18900	20	50	50	QPSK	21.96	21.01
1880.0	18900	20	100	0	QPSK	21.91	21.04
1880.0	18900	20	1	0	16QAM	22.18	22.34
1880.0	18900	20	1	49	16QAM	22.13	22.30
1880.0	18900	20	1	99	16QAM	22.02	22.13
1880.0	18900	20	50	0	16QAM	21.01	20.02
1880.0	18900	20	50	24	16QAM	20.99	20.00
1880.0	18900	20	50	50	16QAM	20.98	20.02
1880.0	18900	20	100	0	16QAM	21.03	20.09
1900.0	19100	20	1	0	QPSK	23.09	23.12
1900.0	19100	20	1	49	QPSK	23.15	23.19
1900.0	19100	20	1	99	QPSK	23.05	23.08
1900.0	19100	20	50	0	QPSK	21.93	21.04
1900.0	19100	20	50	24	QPSK	21.93	21.07
1900.0	19100	20	50	50	QPSK	22.08	21.16
1900.0	19100	20	100	0	QPSK	21.89	21.06
1900.0	19100	20	1	0	16QAM	22.18	22.25
1900.0	19100	20	1	49	16QAM	22.21	22.28
1900.0	19100	20	1	99	16QAM	22.12	22.19
1900.0	19100	20	50	0	16QAM	20.94	20.07
1900.0	19100	20	50	24	16QAM	21.01	20.13
1900.0	19100	20	50	50	16QAM	21.08	20.18
1900.0	19100	20	100	0	16QAM	21.06	20.14

APPENDIX H: CONDUCTED POWER MEASUREMENTS FOR SUPPORTED GSM/GPRS/EGPRS TRANSMISSION MODES

H.1 Power Tuning Targets

GSM/GPRS/EGPRS 850			
Head, Body-worn and Wireless Router Body			
Slot configuration	Low channel	Mid channel	High channel
GSM 1-slot	32.5	32.5	32.5
GPRS 2-slot	30.0	30.0	30.0
GPRS 3-slot	28.2	28.2	28.2
GPRS 4-slot	27.0	27.0	27.0
EGPRS 1-slot	26.5	26.5	26.5
EGPRS 2-slot	26.0	26.0	26.0
EGPRS 3-slot	25.0	25.0	25.0
EGPRS 4-slot	23.0	23.0	23.0

GSM/GPRS/EGPRS 1900			
Head, Body-worn and Wireless Router Body			
Slot configuration	Low channel	Mid channel	High channel
GSM 1-slot	30.0	30.0	30.0
GPRS 2-slot	27.0	27.0	27.0
GPRS 3-slot	25.2	25.2	25.2
GPRS 4-slot	24.0	24.0	24.0
EGPRS 1-slot	25.5	25.5	25.5
EGPRS 2-slot	25.0	25.0	25.0
EGPRS 3-slot	24.0	24.0	24.0
EGPRS 4-slot	22.0	22.0	22.0

H.2 Conducted Power from the Samples used in the Testing

HW:2100; Type: RM-940; Serial number: 004402/47/342572/0 used for GSM/GPRS/EGPRS850 Head, Body-worn and Wireless Router SAR measurements

GSM/GPRS/EGPRS 850 Head, Body-worn and Wireless Router			
Slot configuration	CH 128 824.2 MHz	CH 190 836.6 MHz	CH 251 848.8 MHz
GSM 1-slot	32.63	32.67	32.67
GPRS 2-slot	30.01	30.04	30.00
GPRS 3-slot	28.24	28.24	28.14
GPRS 4-slot	27.27	27.22	27.13
EGPRS 1-slot	26.52	26.61	26.60
EGPRS 2-slot	25.72	25.87	25.92
EGPRS 3-slot	24.98	25.01	24.99
EGPRS 4-slot	22.88	23.02	23.03

HW:2200; Type: RM-938; Serial number: 004402/47/497037/7 used for GSM/GPRS/EGPRS850 Head, Body-worn and Wireless Router SAR measurements

GSM/GPRS/EGPRS 850 Head, Body-worn and Wireless Router			
Slot configuration	CH 128 824.2 MHz	CH 190 836.6 MHz	CH 251 848.8 MHz
GSM 1-slot	32.49	32.54	32.51
GPRS 2-slot	30.20	30.18	30.06
GPRS 3-slot	28.04	28.37	28.19
GPRS 4-slot	26.94	27.15	27.00
EGPRS 1-slot	26.43	26.37	26.25
EGPRS 2-slot	26.11	25.95	25.93
EGPRS 3-slot	24.85	24.75	24.74
EGPRS 4-slot	22.90	22.80	22.71

HW:2100; Type: RM-940; Serial number: 004402/47/342580 used for GSM/GPRS/EGPRS1900 Head and Body-worn and Wireless Router SAR measurements

GSM/GPRS/EGPRS 1900 Head, Body-worn and Wireless Router			
Slot configuration	CH 512 1850.2 MHz	CH 661 1880.0 MHz	CH 810 1909.8 MHz
GSM 1-slot	29.81	30.00	30.07
GPRS 2-slot	26.73	26.95	27.04
GPRS 3-slot	25.08	25.18	25.35
GPRS 4-slot	23.93	23.99	24.15
EGPRS 1-slot	25.34	25.47	25.53
EGPRS 2-slot	24.95	25.05	25.18
EGPRS 3-slot	23.75	23.88	24.02
EGPRS 4-slot	21.86	21.88	21.86

HW:2200; Type: RM-938; Serial number: 004402/47/497033/6 used for GSM/GPRS/EGPRS1900 Head and Body-worn and Wireless Router SAR measurements

GSM/GPRS/EGPRS 1900 Head, Body-worn and Wireless Router			
Slot configuration	CH 512 1850.2 MHz	CH 661 1880.0 MHz	CH 810 1909.8 MHz
GSM 1-slot	29.88	30.10	30.21
GPRS 2-slot	26.94	27.20	27.33
GPRS 3-slot	25.18	25.37	25.55
GPRS 4-slot	23.86	24.02	24.12
EGPRS 1-slot	25.49	25.51	25.66
EGPRS 2-slot	24.84	24.89	25.00
EGPRS 3-slot	24.19	24.17	24.15
EGPRS 4-slot	22.04	22.09	22.18

APPENDIX I: CONDUCTED POWER MEASUREMENTS FOR SUPPORTED WCDMA TRANSMISSION MODES

I.1 Power Tuning Targets

WCDMA 850 (Band 5) Head, Body-worn and Wireless Router			
Mode	Low channel	Mid channel	High channel
WCDMA	23.5	23.5	23.5

WCDMA1700/2100 (Band 4) Head and Body-worn			
Mode	Low channel	Mid channel	High channel
WCDMA	23.5	23.5	23.5

WCDMA1900 (Band 2) Head and Body-worn			
Mode	Low channel	Mid channel	High channel
WCDMA	23.5	23.5	23.5

I.2 Conducted Power from the Samples used in the Testing

HW:2100; Type: RM-940; Serial number: 004402/47/342572/0 used for WCDMA850 (Band 5) Head, Body-worn and Wireless router SAR measurements

WCDMA850 (Band 5)			
Mode	Low channel	Mid channel	High channel
WCDMA	23.67	23.50	23.66

HW:2200; Type: RM-938; Serial number: 004402/47/497037/7 used for WCDMA850 (Band 5) Head, Body-worn and Wireless router SAR measurements

WCDMA850 (Band 5)			
Mode	Low channel	Mid channel	High channel
WCDMA	23.34	23.36	23.46

HW:2100; Type: RM-940; Serial number: 004402/47/342580/3 used for WCDMA1700/2100 (Band 4) and for WCDMA1900 (Band 2) Head and Body-worn and Wireless Router SAR measurements

WCDMA1700/2100 (Band 4)			
Mode	Low channel	Mid channel	High channel
WCDMA	23.63	23.56	23.70
WCDMA1900 (Band 2)			
Mode	Low channel	Mid channel	High channel
WCDMA	23.59	23.75	23.74

HW:2200; Type: RM-938; Serial number: 004402/47/497033/6 used for WCDMA1700/2100 (Band 4) and for WCDMA1900 (Band 2) Head and Body-worn and Wireless Router SAR measurements

WCDMA1700/2100 (Band 4)			
Mode	Low channel	Mid channel	High channel
WCDMA	23.55	23.55	23.54
WCDMA1900 (Band 2)			
Mode	Low channel	Mid channel	High channel
WCDMA	23.39	23.60	23.61

WCDMA and HSUPA Subtest mode conducted powers, measured from a separate, fully representative sample are presented in Appendix D.

APPENDIX J: CONDUCTED POWER RESULTS FOR WLAN2450 AND WLAN5000

J.1 Power Tuning Targets for Head, Body worn and Wireless Router Measurements

WLAN 2.4 GHz Tuning Targets					
Mode	CH 1	CH 2	CH 6	CH 10	CH 11
b-mode WLAN DSSS 1 Mbps	16.0	16.0	16.0	16.0	16.0
b-mode WLAN DSSS 2 Mbps	15.5	15.5	15.5	15.5	15.5
b-mode WLAN DSSS 5.5 Mbps	15.5	15.5	15.5	15.5	15.5
b-mode WLAN DSSS 11 Mbps	15.5	15.5	15.5	15.5	15.5
g-mode WLAN OFDM 6 Mbps	14.0	14.0	14.0	14.0	14.0
g-mode WLAN OFDM 9 Mbps	13.5	13.5	13.5	13.5	13.5
g-mode WLAN OFDM 12 Mbps	13.5	13.5	13.5	13.5	13.5
g-mode WLAN OFDM 18 Mbps	13.5	13.5	13.5	13.5	13.5
g-mode WLAN OFDM 24 Mbps	13.0	13.0	13.0	13.0	13.0
g-mode WLAN OFDM 36 Mbps	13.0	13.0	13.0	13.0	13.0
g-mode WLAN OFDM 48 Mbps	12.0	12.0	12.0	12.0	12.0
g-mode WLAN OFDM 54 Mbps	12.0	12.0	12.0	12.0	12.0
n-mode MCS 0: OFDM 6.5 / 7.25 Mbps	13.0	13.0	13.0	13.0	13.0
n-mode MCS 1: OFDM 13.0 / 14.4 Mbps	13.0	13.0	13.0	13.0	13.0
n-mode MCS 2: OFDM 19.5 / 21.7 Mbps	13.0	13.0	13.0	13.0	13.0
n-mode MCS 3: OFDM 26.0 / 28.9 Mbps	12.0	12.0	12.0	12.0	12.0
n-mode MCS 4: OFDM 39.0 / 43.3 Mbps	12.0	12.0	12.0	12.0	12.0
n-mode MCS 5: OFDM 52.0 / 57.8 Mbps	11.0	11.0	11.0	11.0	11.0
n-mode MCS 6: OFDM 58.5 / 65.0 Mbps	11.0	11.0	11.0	11.0	11.0
n-mode MCS 7: OFDM 65.0 / 72.2 Mbps	11.0	11.0	11.0	11.0	11.0

HW: 2100; Type: RM-940

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 20 MHz Tuning Targets					
			36	40	44	48	52	56
802.11g	BPSK	6	13.0	13.0	13.0	13.0	13.0	13.0
802.11g	BPSK	9	12.5	12.5	12.5	12.5	12.5	12.5
802.11g	QPSK	12	12.5	12.5	12.5	12.5	12.5	12.5
802.11g	QPSK	18	12.5	12.5	12.5	12.5	12.5	12.5
802.11g	16QAM	24	12.0	12.0	12.0	12.0	12.0	12.0
802.11g	16QAM	36	12.0	12.0	12.0	12.0	12.0	12.0
802.11g	64QAM	48	11.0	11.0	11.0	11.0	11.0	11.0
802.11g	64QAM	54	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	BPSK	6.5 / 7.25	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	13.0 / 14.4	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	19.5 / 21.7	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	26.0 / 28.9	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	39.0 / 43.3	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	52.0 / 57.8	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	58.5 / 65.0	9.0	9.0	9.0	9.0	9.0	9.0
802.11n	64QAM	65.0 / 72.2	8.0	8.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	78.0 / 86.7	7.0	7.0	7.0	7.0	7.0	7.0

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 40 MHz Tuning Targets						
			38 (36+40)	42 (40+44)	46 (44+48)	50 (48+52)	54 (52+56)	58 (56+60)	62 (60+64)
802.11n	BPSK	13.5 / 15.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	27.0 / 30.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	40.5 / 45.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	54.0 / 60.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	81.0 / 90.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	108.0 / 120.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	121.5 / 135.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
802.11n	64QAM	135.0 / 150.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	162.0 / 180.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
802.11ac	256QAM	180.0 / 200.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

(Tables continues)

(Tables continues)

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 20 MHz Tuning Targets					
			60	64	100	104	108	112
802.11g	BPSK	6	13.0	13.0	13.0	13.0	13.0	13.0
802.11g	BPSK	9	12.5	12.5	12.5	12.5	12.5	12.5
802.11g	QPSK	12	12.5	12.5	12.5	12.5	12.5	12.5
802.11g	QPSK	18	12.5	12.5	12.5	12.5	12.5	12.5
802.11g	16QAM	24	12.0	12.0	12.0	12.0	12.0	12.0
802.11g	16QAM	36	12.0	12.0	12.0	12.0	12.0	12.0
802.11g	64QAM	48	11.0	11.0	11.0	11.0	11.0	11.0
802.11g	64QAM	54	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	BPSK	6.5 / 7.25	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	13.0 / 14.4	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	19.5 / 21.7	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	26.0 / 28.9	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	39.0 / 43.3	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	52.0 / 57.8	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	58.5 / 65.0	9.0	9.0	9.0	9.0	9.0	9.0
802.11n	64QAM	65.0 / 72.2	8.0	8.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	78.0 / 86.7	7.0	7.0	7.0	7.0	7.0	7.0

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 40 MHz Tuning Targets					
			102 (100+104)	106 (104+108)	110 (108+112)	114 (112+116)	118 (116+120)	122 (120+124)
802.11n	BPSK	13.5 / 15.0	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	27.0 / 30.0	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	40.5 / 45.0	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	54.0 / 60.0	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	81.0 / 90.0	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	108.0 / 120.0	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	121.5 / 135.0	9.0	9.0	9.0	9.0	9.0	9.0
802.11n	64QAM	135.0 / 150.0	8.0	8.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	162.0 / 180.0	7.0	7.0	7.0	7.0	7.0	7.0
802.11ac	256QAM	180.0 / 200.0	7.0	7.0	7.0	7.0	7.0	7.0

(Tables continues)

(Tables continues)

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 20 MHz Tuning Targets					
			116	120	124	128	132	136
802.11g	BPSK	6	13.0	13.0	13.0	13.0	13.0	13.0
802.11g	BPSK	9	12.5	12.5	12.5	12.5	12.5	12.5
802.11g	QPSK	12	12.5	12.5	12.5	12.5	12.5	12.5
802.11g	QPSK	18	12.5	12.5	12.5	12.5	12.5	12.5
802.11g	16QAM	24	12.0	12.0	12.0	12.0	12.0	12.0
802.11g	16QAM	36	12.0	12.0	12.0	12.0	12.0	12.0
802.11g	64QAM	48	11.0	11.0	11.0	11.0	11.0	11.0
802.11g	64QAM	54	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	BPSK	6.5 / 7.25	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	13.0 / 14.4	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	19.5 / 21.7	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	26.0 / 28.9	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	39.0 / 43.3	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	52.0 / 57.8	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	58.5 / 65.0	9.0	9.0	9.0	9.0	9.0	9.0
802.11n	64QAM	65.0 / 72.2	8.0	8.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	78.0 / 86.7	7.0	7.0	7.0	7.0	7.0	7.0

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 40 MHz Tuning Targets			
			126 (124+128)	130 (128+132)	134 (132+136)	138 (136+140)
802.11n	BPSK	13.5 / 15.0	12.0	12.0	12.0	12.0
802.11n	QPSK	27.0 / 30.0	12.0	12.0	12.0	12.0
802.11n	QPSK	40.5 / 45.0	11.0	11.0	11.0	11.0
802.11n	16QAM	54.0 / 60.0	11.0	11.0	11.0	11.0
802.11n	16QAM	81.0 / 90.0	10.0	10.0	10.0	10.0
802.11n	64QAM	108.0 / 120.0	10.0	10.0	10.0	10.0
802.11n	64QAM	121.5 / 135.0	9.0	9.0	9.0	9.0
802.11n	64QAM	135.0 / 150.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	162.0 / 180.0	7.0	7.0	7.0	7.0
802.11ac	256QAM	180.0 / 200.0	7.0	7.0	7.0	7.0

(Tables continues)

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Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 20 MHz Tuning Targets					
			140	149	153	157	161	165
802.11g	BPSK	6	13.0	13.0	13.0	13.0	13.0	13.0
802.11g	BPSK	9	12.5	12.5	12.5	12.5	12.5	12.5
802.11g	QPSK	12	12.5	12.5	12.5	12.5	12.5	12.5
802.11g	QPSK	18	12.5	12.5	12.5	12.5	12.5	12.5
802.11g	16QAM	24	12.0	12.0	12.0	12.0	12.0	12.0
802.11g	16QAM	36	12.0	12.0	12.0	12.0	12.0	12.0
802.11g	64QAM	48	11.0	11.0	11.0	11.0	11.0	11.0
802.11g	64QAM	54	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	BPSK	6.5 / 7.25	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	13.0 / 14.4	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	19.5 / 21.7	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	26.0 / 28.9	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	39.0 / 43.3	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	52.0 / 57.8	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	58.5 / 65.0	9.0	9.0	9.0	9.0	9.0	9.0
802.11n	64QAM	65.0 / 72.2	8.0	8.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	78.0 / 86.7	7.0	7.0	7.0	7.0	7.0	7.0

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 40 MHz Tuning Targets			
			151 (149+153)	155 (153+157)	159 (157+161)	163 (161+165)
802.11n	BPSK	13.5 / 15.0	12.0	12.0	12.0	12.0
802.11n	QPSK	27.0 / 30.0	12.0	12.0	12.0	12.0
802.11n	QPSK	40.5 / 45.0	11.0	11.0	11.0	11.0
802.11n	16QAM	54.0 / 60.0	11.0	11.0	11.0	11.0
802.11n	16QAM	81.0 / 90.0	10.0	10.0	10.0	10.0
802.11n	64QAM	108.0 / 120.0	10.0	10.0	10.0	10.0
802.11n	64QAM	121.5 / 135.0	9.0	9.0	9.0	9.0
802.11n	64QAM	135.0 / 150.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	162.0 / 180.0	7.0	7.0	7.0	7.0
802.11ac	256QAM	180.0 / 200.0	7.0	7.0	7.0	7.0

(Tables continues)

(Tables continues)

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 80 MHz Tuning Targets				
			42 (36-48)	58 (52-64)	106 (100-112)	138 (132-144)	155 (149+161)
802.11ac	BPSK	29.3 / 32.5	11.0	11.0	11.0	11.0	11.0
802.11ac	QPSK	58.5 / 65.0	11.0	11.0	11.0	11.0	11.0
802.11ac	QPSK	87.8 / 97.5	11.0	11.0	11.0	11.0	11.0
802.11ac	16QAM	117 / 130	10.0	10.0	10.0	10.0	10.0
802.11ac	16QAM	175.5 / 195.0	10.0	10.0	10.0	10.0	10.0
802.11ac	64QAM	234 / 260	9.0	9.0	9.0	9.0	9.0
802.11ac	64QAM	263.3 / 292.5	8.0	8.0	8.0	8.0	8.0
802.11ac	64QAM	292.5 / 325	8.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	351 / 390	7.0	7.0	7.0	7.0	7.0
802.11ac	256QAM	390 / 433.3	7.0	7.0	7.0	7.0	7.0

HW: 2200; Type: RM-938

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 20 MHz Tuning Targets					
			36	40	44	48	52	56
802.11g	BPSK	6	12.0	12.0	12.0	12.0	12.0	12.0
802.11g	BPSK	9	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	QPSK	12	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	QPSK	18	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	16QAM	24	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	16QAM	36	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	64QAM	48	11.0	11.0	11.0	11.0	11.0	11.0
802.11g	64QAM	54	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	BPSK	6.5 / 7.25	11.5	11.5	11.5	11.5	11.5	11.5
802.11n	QPSK	13.0 / 14.4	11.5	11.5	11.5	11.5	11.5	11.5
802.11n	QPSK	19.5 / 21.7	11.5	11.5	11.5	11.5	11.5	11.5
802.11n	16QAM	26.0 / 28.9	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	39.0 / 43.3	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	64QAM	52.0 / 57.8	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	58.5 / 65.0	9.0	9.0	9.0	9.0	9.0	9.0
802.11n	64QAM	65.0 / 72.2	9.0	9.0	9.0	9.0	9.0	9.0
802.11ac	256QAM	78.0 / 86.7	7.0	7.0	7.0	7.0	7.0	7.0

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 40 MHz Tuning Targets						
			38 (36+40)	42 (40+44)	46 (44+48)	50 (48+52)	54 (52+56)	58 (56+60)	62 (60+64)
802.11n	BPSK	13.5 / 15.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	27.0 / 30.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	40.5 / 45.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	54.0 / 60.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	81.0 / 90.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	108.0 / 120.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	121.5 / 135.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
802.11n	64QAM	135.0 / 150.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	162.0 / 180.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
802.11ac	256QAM	180.0 / 200.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

(Tables continues)

(Tables continues)

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 20 MHz Tuning Targets					
			60	64	100	104	108	112
802.11g	BPSK	6	12.0	12.0	12.0	12.0	12.0	12.0
802.11g	BPSK	9	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	QPSK	12	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	QPSK	18	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	16QAM	24	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	16QAM	36	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	64QAM	48	11.0	11.0	11.0	11.0	11.0	11.0
802.11g	64QAM	54	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	BPSK	6.5 / 7.25	11.5	11.5	11.5	11.5	11.5	11.5
802.11n	QPSK	13.0 / 14.4	11.5	11.5	11.5	11.5	11.5	11.5
802.11n	QPSK	19.5 / 21.7	11.5	11.5	11.5	11.5	11.5	11.5
802.11n	16QAM	26.0 / 28.9	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	39.0 / 43.3	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	64QAM	52.0 / 57.8	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	58.5 / 65.0	9.0	9.0	9.0	9.0	9.0	9.0
802.11n	64QAM	65.0 / 72.2	9.0	9.0	9.0	9.0	9.0	9.0
802.11ac	256QAM	78.0 / 86.7	7.0	7.0	7.0	7.0	7.0	7.0

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 40 MHz Tuning Targets					
			102 (100+104)	106 (104+108)	110 (108+112)	114 (112+116)	118 (116+120)	122 (120+124)
802.11n	BPSK	13.5 / 15.0	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	27.0 / 30.0	12.0	12.0	12.0	12.0	12.0	12.0
802.11n	QPSK	40.5 / 45.0	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	54.0 / 60.0	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	81.0 / 90.0	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	108.0 / 120.0	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	121.5 / 135.0	9.0	9.0	9.0	9.0	9.0	9.0
802.11n	64QAM	135.0 / 150.0	8.0	8.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	162.0 / 180.0	7.0	7.0	7.0	7.0	7.0	7.0
802.11ac	256QAM	180.0 / 200.0	7.0	7.0	7.0	7.0	7.0	7.0

(Tables continues)

(Tables continues)

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 20 MHz Tuning Targets					
			116	120	124	128	132	136
802.11g	BPSK	6	12.0	12.0	12.0	12.0	12.0	12.0
802.11g	BPSK	9	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	QPSK	12	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	QPSK	18	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	16QAM	24	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	16QAM	36	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	64QAM	48	11.0	11.0	11.0	11.0	11.0	11.0
802.11g	64QAM	54	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	BPSK	6.5 / 7.25	11.5	11.5	11.5	11.5	11.5	11.5
802.11n	QPSK	13.0 / 14.4	11.5	11.5	11.5	11.5	11.5	11.5
802.11n	QPSK	19.5 / 21.7	11.5	11.5	11.5	11.5	11.5	11.5
802.11n	16QAM	26.0 / 28.9	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	39.0 / 43.3	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	64QAM	52.0 / 57.8	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	58.5 / 65.0	9.0	9.0	9.0	9.0	9.0	9.0
802.11n	64QAM	65.0 / 72.2	9.0	9.0	9.0	9.0	9.0	9.0
802.11ac	256QAM	78.0 / 86.7	7.0	7.0	7.0	7.0	7.0	7.0

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 40 MHz Tuning Targets			
			126 (124+128)	130 (128+132)	134 (132+136)	138 (136+140)
802.11n	BPSK	13.5 / 15.0	12.0	12.0	12.0	12.0
802.11n	QPSK	27.0 / 30.0	12.0	12.0	12.0	12.0
802.11n	QPSK	40.5 / 45.0	11.0	11.0	11.0	11.0
802.11n	16QAM	54.0 / 60.0	11.0	11.0	11.0	11.0
802.11n	16QAM	81.0 / 90.0	10.0	10.0	10.0	10.0
802.11n	64QAM	108.0 / 120.0	10.0	10.0	10.0	10.0
802.11n	64QAM	121.5 / 135.0	9.0	9.0	9.0	9.0
802.11n	64QAM	135.0 / 150.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	162.0 / 180.0	7.0	7.0	7.0	7.0
802.11ac	256QAM	180.0 / 200.0	7.0	7.0	7.0	7.0

(Tables continues)

(Tables continues)

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 20 MHz Tuning Targets					
			140	149	153	157	161	165
802.11g	BPSK	6	12.0	12.0	12.0	12.0	12.0	12.0
802.11g	BPSK	9	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	QPSK	12	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	QPSK	18	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	16QAM	24	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	16QAM	36	11.5	11.5	11.5	11.5	11.5	11.5
802.11g	64QAM	48	11.0	11.0	11.0	11.0	11.0	11.0
802.11g	64QAM	54	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	BPSK	6.5 / 7.25	11.5	11.5	11.5	11.5	11.5	11.5
802.11n	QPSK	13.0 / 14.4	11.5	11.5	11.5	11.5	11.5	11.5
802.11n	QPSK	19.5 / 21.7	11.5	11.5	11.5	11.5	11.5	11.5
802.11n	16QAM	26.0 / 28.9	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	16QAM	39.0 / 43.3	11.0	11.0	11.0	11.0	11.0	11.0
802.11n	64QAM	52.0 / 57.8	10.0	10.0	10.0	10.0	10.0	10.0
802.11n	64QAM	58.5 / 65.0	9.0	9.0	9.0	9.0	9.0	9.0
802.11n	64QAM	65.0 / 72.2	9.0	9.0	9.0	9.0	9.0	9.0
802.11ac	256QAM	78.0 / 86.7	7.0	7.0	7.0	7.0	7.0	7.0

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 40 MHz Tuning Targets			
			151 (149+153)	155 (153+157)	159 (157+161)	163 (161+165)
802.11n	BPSK	13.5 / 15.0	12.0	12.0	12.0	12.0
802.11n	QPSK	27.0 / 30.0	12.0	12.0	12.0	12.0
802.11n	QPSK	40.5 / 45.0	11.0	11.0	11.0	11.0
802.11n	16QAM	54.0 / 60.0	11.0	11.0	11.0	11.0
802.11n	16QAM	81.0 / 90.0	10.0	10.0	10.0	10.0
802.11n	64QAM	108.0 / 120.0	10.0	10.0	10.0	10.0
802.11n	64QAM	121.5 / 135.0	9.0	9.0	9.0	9.0
802.11n	64QAM	135.0 / 150.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	162.0 / 180.0	7.0	7.0	7.0	7.0
802.11ac	256QAM	180.0 / 200.0	7.0	7.0	7.0	7.0

(Tables continues)

(Tables continues)

Standard	Modulation	Data speed [Mbps]	RLAN 5 GHz / 80 MHz Tuning Targets				
			42 (36-48)	58 (52-64)	106 (100-112)	138 (132-144)	155 (149+161)
802.11ac	BPSK	29.3 / 32.5	11.0	11.0	11.0	11.0	11.0
802.11ac	QPSK	58.5 / 65.0	11.0	11.0	11.0	11.0	11.0
802.11ac	QPSK	87.8 / 97.5	11.0	11.0	11.0	11.0	11.0
802.11ac	16QAM	117 / 130	10.0	10.0	10.0	10.0	10.0
802.11ac	16QAM	175.5 / 195.0	10.0	10.0	10.0	10.0	10.0
802.11ac	64QAM	234 / 260	9.0	9.0	9.0	9.0	9.0
802.11ac	64QAM	263.3 / 292.5	8.0	8.0	8.0	8.0	8.0
802.11ac	64QAM	292.5 / 325	8.0	8.0	8.0	8.0	8.0
802.11ac	256QAM	351 / 390	7.0	7.0	7.0	7.0	7.0
802.11ac	256QAM	390 / 433.3	7.0	7.0	7.0	7.0	7.0

J.2 Conducted Power from the Samples used in the Testing

HW:2100; Type: RM-940; Serial number: 004402/47/342578/7 used for WLAN2450 Head, Body-worn and Wireless router SAR measurements

WLAN 2.4 GHz Conducted Power Measurements					
Mode	CH 1	CH 2	CH 6	CH 10	CH 11
b-mode WLAN DSSS 1 Mbps	16.21	16.00	16.00	16.14	16.08
b-mode WLAN DSSS 2 Mbps	15.61	15.60	15.58	15.70	15.64
b-mode WLAN DSSS 5.5 Mbps	15.79	15.78	15.75	15.91	15.90
b-mode WLAN DSSS 11 Mbps	15.73	15.47	15.70	15.88	15.85
g-mode WLAN OFDM 6 Mbps	14.33	14.49	14.37	14.56	14.51
g-mode WLAN OFDM 9 Mbps	13.85	13.95	13.89	14.05	14.05
g-mode WLAN OFDM 12 Mbps	13.84	13.93	13.89	14.06	14.05
g-mode WLAN OFDM 18 Mbps	13.90	13.78	13.97	14.11	13.87
g-mode WLAN OFDM 24 Mbps	13.52	13.30	13.30	13.57	13.40
g-mode WLAN OFDM 36 Mbps	13.22	13.39	13.26	13.51	13.47
g-mode WLAN OFDM 48 Mbps	12.52	12.39	12.30	12.64	12.56
g-mode WLAN OFDM 54 Mbps	12.22	12.40	12.46	12.49	12.56
n-mode MCS 0: OFDM 6.5 / 7.25 Mbps	13.58	13.35	13.61	13.49	13.52
n-mode MCS 1: OFDM 13.0 / 14.4 Mbps	13.59	13.38	13.40	13.54	13.56
n-mode MCS 2: OFDM 19.5 / 21.7 Mbps	13.38	13.40	13.41	13.57	13.53
n-mode MCS 3: OFDM 26.0 / 28.9 Mbps	12.27	12.44	12.40	12.52	12.64
n-mode MCS 4: OFDM 39.0 / 43.3 Mbps	12.56	12.46	12.45	12.55	12.53
n-mode MCS 5: OFDM 52.0 / 57.8 Mbps	11.27	11.21	11.41	11.66	11.51
n-mode MCS 6: OFDM 58.5 / 65.0 Mbps	11.60	11.50	11.33	11.66	11.44
n-mode MCS 7: OFDM 65.0 / 72.2 Mbps	11.31	11.44	11.33	11.63	11.51

Type: RM-940; Serial number: 004402/47/342579/5 used for WLAN5000 Head and Body-worn measurements

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 20 MHz channel bandwidth: Measured values					
			36	40	44	48	52	56
802.11g	BPSK	6	13.70	13.97	13.87	13.63	13.82	13.82
802.11g	BPSK	9	13.26	13.80	13.34	13.07	13.27	13.30
802.11g	QPSK	12	13.29	13.82	13.32	13.11	13.26	13.29
802.11g	QPSK	18	13.32	13.48	13.38	13.11	13.33	13.29
802.11g	16QAM	24	12.74	12.97	12.89	12.65	12.77	12.87
802.11g	16QAM	36	12.79	12.99	12.96	12.67	12.85	12.80
802.11g	64QAM	48	11.91	12.03	11.90	11.58	11.97	11.53
802.11g	64QAM	54	11.99	12.00	11.99	11.78	11.57	11.85
802.11n	BPSK	6.5 / 7.25	12.84	13.03	12.91	12.66	12.83	12.85
802.11n	QPSK	13.0 / 14.4	12.85	13.06	12.95	12.69	12.84	12.90
802.11n	QPSK	19.5 / 21.7	12.88	13.10	12.95	12.72	12.90	12.87
802.11n	16QAM	26.0 / 28.9	11.86	12.09	12.00	11.73	11.55	11.87
802.11n	16QAM	39.0 / 43.3	11.85	12.17	12.02	11.69	11.58	11.63
802.11n	64QAM	52.0 / 57.8	10.56	10.83	10.71	10.77	10.56	10.67
802.11n	64QAM	58.5 / 65.0	10.15	9.86	9.77	9.50	9.65	9.66
802.11n	64QAM	65.0 / 72.2	10.14	9.83	9.61	9.85	9.59	9.65
802.11ac	256QAM	78.0 / 86.7	7.95	8.23	7.74	7.85	8.05	7.68

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 40 MHz channel bandwidth: Measured values						
			38 (36+40)	42 (40+44)	46 (44+48)	50 (48+52)	54 (52+56)	58 (56+60)	62 (60+64)
802.11n	BPSK	13.5 / 15.0	11.43	11.82	11.50	11.54	11.65	11.67	11.34
802.11n	QPSK	27.0 / 30.0	11.47	11.54	11.56	11.29	11.40	11.41	11.42
802.11n	QPSK	40.5 / 45.0	10.48	10.90	10.62	10.64	10.44	10.45	10.46
802.11n	16QAM	54.0 / 60.0	10.42	10.85	10.60	10.62	10.35	10.37	10.39
802.11n	16QAM	81.0 / 90.0	9.53	9.63	9.69	9.34	9.46	9.53	9.50
802.11n	64QAM	108.0 / 120.0	9.57	9.62	9.35	9.36	9.51	9.51	9.49
802.11n	64QAM	121.5 / 135.0	8.54	8.72	8.69	8.48	8.62	8.52	8.50
802.11n	64QAM	135.0 / 150.0	9.07	9.27	8.73	8.84	8.66	8.73	8.77
802.11ac	256QAM	351 / 390	7.33	7.01	7.15	6.73	6.86	6.55	6.86
802.11ac	256QAM	390 / 433.3	7.41	7.10	7.24	6.84	6.94	6.96	6.95

(Tables continues)

(Tables continues)

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 20 MHz channel bandwidth: Measured values					
			60	64	100	104	108	112
802.11g	BPSK	6	13.84	13.76	13.79	13.96	13.86	13.79
802.11g	BPSK	9	13.31	13.18	13.20	13.41	13.31	13.26
802.11g	QPSK	12	13.30	13.22	13.21	13.40	13.31	13.22
802.11g	QPSK	18	13.32	13.24	13.24	13.41	13.32	13.28
802.11g	16QAM	24	12.84	12.78	12.74	12.94	12.75	12.79
802.11g	16QAM	36	12.50	12.79	12.73	12.94	12.86	12.73
802.11g	64QAM	48	11.56	11.81	11.61	11.98	11.89	11.85
802.11g	64QAM	54	11.96	11.50	11.67	11.95	11.85	11.86
802.11n	BPSK	6.5 / 7.25	12.89	12.79	13.09	12.96	12.83	12.81
802.11n	QPSK	13.0 / 14.4	12.90	12.82	12.77	12.97	12.86	12.81
802.11n	QPSK	19.5 / 21.7	12.91	12.81	12.79	12.99	12.92	12.83
802.11n	16QAM	26.0 / 28.9	11.91	11.88	11.71	12.01	11.82	11.81
802.11n	16QAM	39.0 / 43.3	11.62	11.91	11.79	11.96	11.83	11.81
802.11n	64QAM	52.0 / 57.8	10.72	10.57	10.72	10.64	10.38	10.88
802.11n	64QAM	58.5 / 65.0	9.64	9.67	9.65	9.97	9.51	9.86
802.11n	64QAM	65.0 / 72.2	9.70	9.96	9.68	9.94	9.49	9.78
802.11ac	256QAM	78.0 / 86.7	7.71	8.00	7.73	7.53	7.87	7.81

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 40 MHz channel bandwidth: Measured values					
			102 (100+104)	106 (104+108)	110 (108+112)	114 (112+116)	118 (116+120)	122 (120+124)
802.11n	BPSK	13.5 / 15.0	11.28	11.29	11.30	11.22	11.30	11.33
802.11n	QPSK	27.0 / 30.0	11.34	11.41	11.37	11.27	11.37	11.39
802.11n	QPSK	40.5 / 45.0	10.28	10.28	10.29	10.54	10.26	10.69
802.11n	16QAM	54.0 / 60.0	10.18	10.27	10.21	10.18	10.23	10.66
802.11n	16QAM	81.0 / 90.0	9.26	9.29	9.80	9.26	9.20	9.36
802.11n	64QAM	108.0 / 120.0	9.25	9.27	9.81	9.26	9.21	9.32
802.11n	64QAM	121.5 / 135.0	8.74	8.82	8.77	8.74	8.19	8.61
802.11n	64QAM	135.0 / 150.0	8.76	8.88	8.56	8.74	8.82	8.97
802.11ac	256QAM	351 / 390	6.64	6.65	6.99	6.96	6.52	6.58
802.11ac	256QAM	390 / 433.3	6.72	6.76	6.76	6.54	6.60	6.66

(Tables continues)

(Tables continues)

Standard	Modulation	Data speed [Mbps]	RLAN 5 GHz / 20 MHz channel bandwidth: Measured values					
			116	120	124	128	132	136
802.11g	BPSK	6	13.78	13.83	13.68	13.87	13.92	13.83
802.11g	BPSK	9	13.22	13.29	13.54	13.38	13.47	13.37
802.11g	QPSK	12	13.57	13.68	13.19	13.40	13.46	13.36
802.11g	QPSK	18	13.25	13.31	13.55	13.43	13.51	13.38
802.11g	16QAM	24	12.73	12.81	12.68	12.94	12.59	12.97
802.11g	16QAM	36	12.70	12.78	12.74	12.56	12.64	12.92
802.11g	64QAM	48	11.82	11.71	11.76	11.52	11.60	11.92
802.11g	64QAM	54	11.79	11.83	11.77	11.59	11.63	11.64
802.11n	BPSK	6.5 / 7.25	12.76	12.85	13.08	12.94	13.03	12.92
802.11n	QPSK	13.0 / 14.4	12.81	12.86	13.10	12.97	13.06	12.95
802.11n	QPSK	19.5 / 21.7	12.81	12.87	12.76	13.01	13.06	12.99
802.11n	16QAM	26.0 / 28.9	11.76	11.82	12.13	11.58	11.65	11.91
802.11n	16QAM	39.0 / 43.3	11.85	11.85	11.78	11.99	12.06	12.02
802.11n	64QAM	52.0 / 57.8	10.89	10.93	10.84	10.62	11.11	10.63
802.11n	64QAM	58.5 / 65.0	9.86	9.97	9.79	9.59	9.73	9.71
802.11n	64QAM	65.0 / 72.2	9.44	9.92	9.77	9.59	9.71	10.03
802.11ac	256QAM	78.0 / 86.7	7.79	7.88	7.74	7.99	7.66	7.96

Standard	Modulation	Data speed [Mbps]	RLAN 5 GHz / 40 MHz channel bandwidth: Measured values			
			126 (124+128)	130 (128+132)	134 (132+136)	138 (136+140)
802.11n	BPSK	13.5 / 15.0	11.46	11.44	11.50	11.34
802.11n	QPSK	27.0 / 30.0	11.20	11.50	11.58	11.41
802.11n	QPSK	40.5 / 45.0	10.47	10.47	10.53	10.38
802.11n	16QAM	54.0 / 60.0	10.45	10.44	10.47	10.39
802.11n	16QAM	81.0 / 90.0	9.47	9.43	9.45	9.42
802.11n	64QAM	108.0 / 120.0	9.21	9.07	9.46	9.37
802.11n	64QAM	121.5 / 135.0	8.45	8.43	8.41	8.38
802.11n	64QAM	135.0 / 150.0	8.66	9.07	9.14	9.02
802.11ac	256QAM	351 / 390	6.36	6.84	6.91	6.76
802.11ac	256QAM	390 / 433.3	6.45	6.91	6.99	6.84

(Tables continues)

(Tables continues)

Standard	Modulation	Data speed [Mbps]	RLAN 5 GHz / 20 MHz channel bandwidth: Measured values					
			140	149	153	157	161	165
802.11g	BPSK	6	13.99	14.21	13.87	14.08	14.06	14.02
802.11g	BPSK	9	13.40	13.62	13.60	13.82	13.50	13.77
802.11g	QPSK	12	13.39	13.61	13.59	13.45	13.48	13.44
802.11g	QPSK	18	13.45	13.63	13.68	13.51	13.50	13.82
802.11g	16QAM	24	12.92	13.14	13.16	13.00	12.96	12.94
802.11g	16QAM	36	12.97	13.15	13.17	13.02	13.09	12.93
802.11g	64QAM	48	12.00	12.15	11.77	11.99	12.10	11.89
802.11g	64QAM	54	11.58	11.87	11.70	12.07	12.01	11.97
802.11n	BPSK	6.5 / 7.25	12.93	13.12	13.13	12.97	13.00	12.93
802.11n	QPSK	13.0 / 14.4	12.97	13.18	13.14	13.00	13.37	13.34
802.11n	QPSK	19.5 / 21.7	13.01	13.16	13.18	13.02	13.08	13.35
802.11n	16QAM	26.0 / 28.9	11.98	12.15	12.05	11.88	11.98	11.93
802.11n	16QAM	39.0 / 43.3	11.96	11.66	11.78	12.04	11.98	12.06
802.11n	64QAM	52.0 / 57.8	11.07	10.85	10.68	11.03	10.91	10.90
802.11n	64QAM	58.5 / 65.0	9.70	10.18	10.26	9.96	9.99	9.90
802.11n	64QAM	65.0 / 72.2	10.05	10.15	9.81	9.97	9.98	9.95
802.11ac	256QAM	78.0 / 86.7	7.88	8.01	8.02	7.87	7.90	7.83

Standard	Modulation	Data speed [Mbps]	RLAN 5 GHz / 40 MHz channel bandwidth: Measured values			
			151 (149+153)	155 (153+157)	159 (157+161)	163 (161+165)
802.11n	BPSK	13.5 / 15.0	11.34	11.58	11.54	11.16
802.11n	QPSK	27.0 / 30.0	11.36	11.66	11.60	11.61
802.11n	QPSK	40.5 / 45.0	10.67	10.51	10.51	10.53
802.11n	16QAM	54.0 / 60.0	10.69	10.46	10.49	10.49
802.11n	16QAM	81.0 / 90.0	9.62	9.44	9.75	9.78
802.11n	64QAM	108.0 / 120.0	9.62	9.50	9.86	9.42
802.11n	64QAM	121.5 / 135.0	8.59	8.50	8.50	8.35
802.11n	64QAM	135.0 / 150.0	9.20	8.65	8.89	9.01
802.11ac	256QAM	351 / 390	6.87	6.76	6.70	7.21
802.11ac	256QAM	390 / 433.3	6.97	6.84	7.30	7.30

(Tables continues)

(Tables continues)

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 80 MHz channel bandwidth: Measured values				
			42 (36-48)	58 (52-64)	106 (100-112)	138 (132-144)	155 (149+161)
802.11ac	BPSK	29.3 / 32.5	11.30	10.82	11.04		11.28
802.11ac	QPSK	58.5 / 65.0	11.35	10.78	11.06		11.28
802.11ac	QPSK	87.8 / 97.5	11.34	11.25	11.10		11.04
802.11ac	16QAM	117 / 130	10.38	10.26	10.14		10.41
802.11ac	16QAM	175.5 / 195.0	10.33	10.29	10.03		10.02
802.11ac	64QAM	234 / 260	9.01	9.02	9.11		9.41
802.11ac	64QAM	263.3 / 292.5	8.45	7.99	8.08		8.30
802.11ac	64QAM	292.5 / 325	8.51	8.44	8.08		8.31
802.11ac	256QAM	351 / 390	7.45	6.96	7.08		7.38
802.11ac	256QAM	390 / 433.3	7.48	7.41	7.06		7.38

HW:2200; Type: RM-938; Serial number: 004402/47/497038/5 used for WLAN2450 Head, Body-worn and Wireless router SAR measurements

WLAN 2.4 GHz Conducted Power Measurements					
Mode	CH 1	CH 2	CH 6	CH 10	CH 11
b-mode WLAN DSSS 1 Mbps	16.70	16.56	16.60	16.75	16.74
b-mode WLAN DSSS 2 Mbps	16.21	16.09	15.94	16.08	16.24
b-mode WLAN DSSS 5.5 Mbps	16.38	16.25	16.05	16.22	16.09
b-mode WLAN DSSS 11 Mbps	16.33	16.22	16.07	16.22	16.11
g-mode WLAN OFDM 6 Mbps	15.06	15.07	14.99	15.11	15.08
g-mode WLAN OFDM 9 Mbps	15.07	15.10	15.00	14.90	15.10
g-mode WLAN OFDM 12 Mbps	14.60	14.64	14.50	14.62	14.53
g-mode WLAN OFDM 18 Mbps	14.60	14.64	14.52	14.64	14.49
g-mode WLAN OFDM 24 Mbps	13.96	14.01	14.02	13.95	14.08
g-mode WLAN OFDM 36 Mbps	14.05	13.99	14.16	14.01	14.18
g-mode WLAN OFDM 48 Mbps	13.09	13.04	13.00	12.90	13.08
g-mode WLAN OFDM 54 Mbps	12.94	13.01	13.07	12.89	12.86
n-mode MCS 0: OFDM 6.5 / 7.25 Mbps	14.01	14.21	14.12	14.21	14.15
n-mode MCS 1: OFDM 13.0 / 14.4 Mbps	14.04	14.00	14.13	14.02	14.17
n-mode MCS 2: OFDM 19.5 / 21.7 Mbps	14.04	14.29	14.19	14.05	14.17
n-mode MCS 3: OFDM 26.0 / 28.9 Mbps	13.07	13.11	13.04	13.21	13.20
n-mode MCS 4: OFDM 39.0 / 43.3 Mbps	13.05	13.04	13.13	12.91	13.24
n-mode MCS 5: OFDM 52.0 / 57.8 Mbps	12.04	12.01	12.05	12.06	12.16
n-mode MCS 6: OFDM 58.5 / 65.0 Mbps	11.99	12.08	11.89	12.00	12.12
n-mode MCS 7: OFDM 65.0 / 72.2 Mbps	12.01	12.03	12.21	11.99	12.22

HW: 2200; Type: RM-938; Serial number: 004402/47/497030/2 used for WLAN5000 Head and Body-worn measurements

Standard	Modulation	Data speed [Mbps]	RLAN 5 GHz / 20 MHz channel bandwidth: Measured values					
			36	40	44	48	52	56
802.11g	BPSK	6	13.30	13.28	13.38	13.22	12.98	13.05
802.11g	BPSK	9	12.68	13.07	12.88	12.49	12.47	12.52
802.11g	QPSK	12	13.05	12.69	12.87	12.50	12.49	12.53
802.11g	QPSK	18	13.07	12.71	12.89	12.53	12.49	12.54
802.11g	16QAM	24	12.71	12.72	12.51	12.57	12.50	12.52
802.11g	16QAM	36	12.70	12.78	12.47	12.44	12.14	12.31
802.11g	64QAM	48	12.25	12.17	12.12	11.81	11.84	11.87
802.11g	64QAM	54	12.20	12.35	12.14	11.81	11.82	11.84
802.11n	BPSK	6.5 / 7.25	13.24	13.17	13.05	12.63	12.95	12.61
802.11n	QPSK	13.0 / 14.4	13.23	13.23	13.07	12.67	12.57	12.66
802.11n	QPSK	19.5 / 21.7	13.23	13.25	12.69	12.68	12.58	12.67
802.11n	16QAM	26.0 / 28.9	12.43	12.32	12.17	12.16	12.11	12.18
802.11n	16QAM	39.0 / 43.3	12.29	12.38	12.23	12.20	12.14	12.27
802.11n	64QAM	52.0 / 57.8	11.42	11.43	11.33	11.31	11.26	11.33
802.11n	64QAM	58.5 / 65.0	10.59	10.52	10.02	10.13	10.01	10.07
802.11n	64QAM	65.0 / 72.2	10.63	10.27	10.16	10.04	10.09	10.09
802.11ac	256QAM	78.0 / 86.7	8.15	8.47	8.33	8.02	7.93	8.03

Standard	Modulation	Data speed [Mbps]	RLAN 5 GHz / 40 MHz channel bandwidth: Measured values						
			38 (36+40)	42 (40+44)	46 (44+48)	50 (48+52)	54 (52+56)	58 (56+60)	62 (60+64)
802.11n	BPSK	13.5 / 15.0	12.19	12.07	11.90	11.92	11.94	11.61	11.57
802.11n	QPSK	27.0 / 30.0	12.22	12.10	11.97	11.97	11.99	12.04	11.63
802.11n	QPSK	40.5 / 45.0	11.32	11.20	11.06	11.05	11.05	10.75	10.74
802.11n	16QAM	54.0 / 60.0	11.26	11.12	10.99	10.97	11.03	10.73	10.74
802.11n	16QAM	81.0 / 90.0	10.37	9.85	10.05	10.06	9.69	9.74	9.73
802.11n	64QAM	108.0 / 120.0	10.31	9.86	10.18	9.67	9.64	9.71	9.70
802.11n	64QAM	121.5 / 135.0	9.03	8.96	8.76	8.77	8.75	8.85	8.80
802.11n	64QAM	135.0 / 150.0	9.27	9.25	8.99	9.02	9.01	9.02	8.57
802.11ac	256QAM	351 / 390	7.06	7.37	6.84	7.22	6.86	6.91	6.87
802.11ac	256QAM	390 / 433.3	7.53	7.46	6.93	6.93	7.33	6.99	6.94

(Tables continues)

(Tables continues)

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 20 MHz channel bandwidth: Measured values					
			60	64	100	104	108	112
802.11g	BPSK	6	13.11	12.95	13.10	12.91	12.88	12.93
802.11g	BPSK	9	12.56	12.61	12.97	12.36	12.38	12.41
802.11g	QPSK	12	12.56	12.34	12.99	12.37	12.35	12.43
802.11g	QPSK	18	12.35	12.37	13.01	12.39	12.39	12.44
802.11g	16QAM	24	12.37	12.36	12.59	12.42	12.38	12.37
802.11g	16QAM	36	12.35	12.44	12.67	12.46	12.36	12.44
802.11g	64QAM	48	11.83	11.85	12.10	11.95	11.88	11.89
802.11g	64QAM	54	12.03	11.94	12.00	12.04	11.87	11.97
802.11n	BPSK	6.5 / 7.25	12.61	12.55	12.86	12.49	12.49	12.58
802.11n	QPSK	13.0 / 14.4	12.65	12.55	12.59	12.04	12.52	12.60
802.11n	QPSK	19.5 / 21.7	12.66	12.61	12.61	12.04	12.51	12.64
802.11n	16QAM	26.0 / 28.9	11.93	12.16	12.16	12.01	12.08	11.74
802.11n	16QAM	39.0 / 43.3	12.24	12.15	12.20	12.12	12.06	11.77
802.11n	64QAM	52.0 / 57.8	10.98	11.01	11.20	11.03	10.68	11.15
802.11n	64QAM	58.5 / 65.0	9.60	10.09	10.01	9.55	9.54	9.73
802.11n	64QAM	65.0 / 72.2	9.56	10.03	9.66	9.58	9.67	9.70
802.11ac	256QAM	78.0 / 86.7	8.03	7.97	7.57	7.48	7.53	7.61

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 40 MHz channel bandwidth: Measured values					
			102 (100+104)	106 (104+108)	110 (108+112)	114 (112+116)	118 (116+120)	122 (120+124)
802.11n	BPSK	13.5 / 15.0	11.06	11.06	11.14	11.17	11.10	10.96
802.11n	QPSK	27.0 / 30.0	11.15	11.12	11.19	11.24	11.15	11.04
802.11n	QPSK	40.5 / 45.0	10.07	10.52	10.16	10.20	10.14	10.03
802.11n	16QAM	54.0 / 60.0	10.08	10.09	10.48	10.57	10.11	10.50
802.11n	16QAM	81.0 / 90.0	9.39	9.38	9.48	9.54	9.12	9.34
802.11n	64QAM	108.0 / 120.0	9.42	9.03	9.54	9.09	8.96	8.94
802.11n	64QAM	121.5 / 135.0	8.43	8.07	8.55	8.11	8.43	8.45
802.11n	64QAM	135.0 / 150.0	8.94	8.51	8.67	8.62	8.27	8.59
802.11ac	256QAM	351 / 390	6.47	6.46	6.55	6.61	6.54	6.40
802.11ac	256QAM	390 / 433.3	6.94	6.54	6.64	6.69	6.62	6.48

(Tables continues)

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Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 20 MHz channel bandwidth: Measured values					
			116	120	124	128	132	136
802.11g	BPSK	6	12.88	12.70	12.66	12.67	12.93	12.75
802.11g	BPSK	9	12.38	12.21	12.06	12.18	12.42	12.25
802.11g	QPSK	12	12.41	12.24	12.35	12.17	12.41	12.25
802.11g	QPSK	18	12.40	12.22	12.07	12.22	12.14	11.92
802.11g	16QAM	24	12.42	12.20	12.11	12.18	12.39	11.99
802.11g	16QAM	36	12.49	12.25	11.95	12.16	12.46	12.22
802.11g	64QAM	48	11.57	11.83	11.53	11.74	11.59	11.36
802.11g	64QAM	54	11.91	11.74	11.64	11.71	11.66	11.41
802.11n	BPSK	6.5 / 7.25	12.47	12.43	12.30	12.10	12.46	12.29
802.11n	QPSK	13.0 / 14.4	12.47	12.42	12.32	12.13	12.51	12.35
802.11n	QPSK	19.5 / 21.7	12.20	12.50	12.37	12.13	12.52	12.36
802.11n	16QAM	26.0 / 28.9	11.72	11.62	11.50	11.76	11.73	11.64
802.11n	16QAM	39.0 / 43.3	11.76	11.69	11.52	11.76	11.78	11.62
802.11n	64QAM	52.0 / 57.8	10.75	10.70	10.56	10.64	10.70	10.60
802.11n	64QAM	58.5 / 65.0	9.76	9.79	9.53	9.36	9.80	9.63
802.11n	64QAM	65.0 / 72.2	9.34	9.38	9.62	9.35	9.32	9.56
802.11ac	256QAM	78.0 / 86.7	7.63	7.60	7.47	7.28	7.69	7.53

Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 40 MHz channel bandwidth: Measured values			
			126 (124+128)	130 (128+132)	134 (132+136)	138 (136+140)
802.11n	BPSK	13.5 / 15.0	10.54	11.11	11.10	10.98
802.11n	QPSK	27.0 / 30.0	10.59	11.18	11.12	11.04
802.11n	QPSK	40.5 / 45.0	10.06	10.19	10.11	10.04
802.11n	16QAM	54.0 / 60.0	10.10	10.17	10.04	9.99
802.11n	16QAM	81.0 / 90.0	9.41	9.09	9.45	8.98
802.11n	64QAM	108.0 / 120.0	9.01	9.09	9.00	8.87
802.11n	64QAM	121.5 / 135.0	8.01	8.13	8.46	7.99
802.11n	64QAM	135.0 / 150.0	8.50	8.32	8.29	8.55
802.11ac	256QAM	351 / 390	6.46	6.10	6.53	6.44
802.11ac	256QAM	390 / 433.3	6.56	6.65	6.61	6.52

(Tables continues)

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Standard	Modulation	Data speed [Mbps]	RLAN 5 GHz / 20 MHz channel bandwidth: Measured values					
			140	149	153	157	161	165
802.11g	BPSK	6	12.62	12.51	12.69	12.69	12.48	12.63
802.11g	BPSK	9	12.11	12.33	12.20	12.48	11.91	12.07
802.11g	QPSK	12	12.13	12.01	12.20	12.47	11.90	12.07
802.11g	QPSK	18	12.13	12.34	12.20	12.53	11.91	12.13
802.11g	16QAM	24	12.15	11.98	12.19	12.21	11.91	12.10
802.11g	16QAM	36	12.25	12.01	12.22	12.16	11.91	12.12
802.11g	64QAM	48	11.22	11.56	11.69	11.78	11.36	11.49
802.11g	64QAM	54	11.62	11.54	11.74	11.65	11.45	11.62
802.11n	BPSK	6.5 / 7.25	11.85	11.90	11.95	12.36	11.64	11.74
802.11n	QPSK	13.0 / 14.4	11.86	11.86	11.99	11.87	12.19	11.75
802.11n	QPSK	19.5 / 21.7	11.89	11.91	11.68	11.91	12.20	11.72
802.11n	16QAM	26.0 / 28.9	11.75	11.74	11.88	12.16	11.95	11.58
802.11n	16QAM	39.0 / 43.3	11.13	11.78	11.98	12.18	11.65	11.59
802.11n	64QAM	52.0 / 57.8	10.71	10.93	11.01	10.81	10.69	10.74
802.11n	64QAM	58.5 / 65.0	9.77	9.92	10.11	9.97	9.73	9.77
802.11n	64QAM	65.0 / 72.2	9.80	9.84	10.00	10.33	9.76	9.78
802.11ac	256QAM	78.0 / 86.7	7.52	7.66	7.75	7.65	7.43	7.53

Standard	Modulation	Data speed [Mbps]	RLAN 5 GHz / 40 MHz channel bandwidth: Measured values			
			151 (149+153)	155 (153+157)	159 (157+161)	163 (161+165)
802.11n	BPSK	13.5 / 15.0	11.33	11.35	11.16	11.06
802.11n	QPSK	27.0 / 30.0	11.39	11.39	10.14	10.10
802.11n	QPSK	40.5 / 45.0	9.27	10.33	9.04	9.04
802.11n	16QAM	54.0 / 60.0	9.16	10.30	8.93	10.01
802.11n	16QAM	81.0 / 90.0	8.91	7.85	7.69	8.70
802.11n	64QAM	108.0 / 120.0	8.97	7.78	8.67	8.61
802.11n	64QAM	121.5 / 135.0	7.58	7.48	7.40	7.35
802.11n	64QAM	135.0 / 150.0	8.75	9.22	8.99	8.91
802.11ac	256QAM	351 / 390	6.07	6.63	6.44	6.39
802.11ac	256QAM	390 / 433.3	6.19	6.74	6.54	5.98

(Tables continues)

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Standard	Modulation	Data speed [MBPS]	RLAN 5 GHz / 80 MHz channel bandwidth: Measured values				
			42 (36-48)	58 (52-64)	106 (100-112)	138 (132-144)	155 (149+161)
802.11ac	BPSK	29.3 / 32.5	11.74	11.57	10.85	-	9.93
802.11ac	QPSK	58.5 / 65.0	11.76	11.13	10.83	-	8.87
802.11ac	QPSK	87.8 / 97.5	11.23	11.61	10.90	-	9.95
802.11ac	16QAM	117 / 130	10.32	10.12	9.76	-	9.27
802.11ac	16QAM	175.5 / 195.0	10.24	10.61	9.77	-	8.55
802.11ac	64QAM	234 / 260	9.45	9.32	8.84	-	8.15
802.11ac	64QAM	263.3 / 292.5	8.36	8.20	7.78	-	7.51
802.11ac	64QAM	292.5 / 325	8.38	8.31	7.86	-	7.54
802.11ac	256QAM	351 / 390	7.52	7.33	6.85	-	6.79
802.11ac	256QAM	390 / 433.3	7.49	7.37	6.90	-	6.84