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Appendix B.3

LTE Band 4



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.58	25.44	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.59	25.45	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.22	25.08	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.61	24.47	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.51	24.37	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.38	25.24	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.96	24.82	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.52	24.38	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.52	24.38	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.03	24.89	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.01	24.87	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.5	24.36	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.74	24.6	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.67	24.53	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.19	24.05	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.76	23.62	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.6	24.46	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.14	24	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.1	23.96	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.68	23.54	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.66	24.52	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.15	24.01	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.09	23.95	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.68	23.54	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	20.92	23.78	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	20.48	23.34	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	20.38	23.24	30	PASS



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Band4	1.4MHz	64QAM	19957	6RB#0	19.74	22.6	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.87	23.73	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	20.37	23.23	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	20.33	23.19	30	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	19.67	22.53	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	20.32	23.18	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	20.35	23.21	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	20.31	23.17	30	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.63	22.49	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#0	17.79	20.65	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#2	17.8	20.66	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#5	17.85	20.71	30	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	17.68	20.54	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#0	17.71	20.57	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#2	17.76	20.62	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#5	17.68	20.54	30	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	17.59	20.45	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#0	17.71	20.57	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#2	17.67	20.53	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#5	17.67	20.53	30	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	17.58	20.44	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.57	25.43	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.54	25.4	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.05	24.91	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.58	24.44	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	20.29	23.15	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.46	25.32	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.36	25.22	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.48	24.34	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	20.95	23.81	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.03	24.89	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.97	24.83	30	PASS
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Band4	3MHz	QPSK	20385	15RB#0	21.51	24.37	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.71	24.57	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.7	24.56	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.3	24.16	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.76	23.62	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.62	24.48	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.1	23.96	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.1	23.96	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.61	23.47	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.61	24.47	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.61	24.47	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.09	23.95	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.66	23.52	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.92	23.78	30	PASS
Band4	3MHz	64QAM	19965	1RB#8	20.92	23.78	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.41	23.27	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.77	22.63	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	20.72	23.58	30	PASS
Band4	3MHz	64QAM	20175	1RB#8	20.33	23.19	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.32	23.18	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.66	22.52	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	20.84	23.7	30	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.31	23.17	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.35	23.21	30	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.71	22.57	30	PASS
Band4	3MHz	256QAM	19965	1RB#0	17.83	20.69	30	PASS
Band4	3MHz	256QAM	19965	1RB#8	17.76	20.62	30	PASS
Band4	3MHz	256QAM	19965	1RB#14	17.72	20.58	30	PASS
Band4	3MHz	256QAM	19965	15RB#0	17.74	20.6	30	PASS
Band4	3MHz	256QAM	20175	1RB#0	17.73	20.59	30	PASS
Band4	3MHz	256QAM	20175	1RB#8	17.69	20.55	30	PASS
Band4	3MHz	256QAM	20175	1RB#14	17.73	20.59	30	PASS
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3MHz	256QAM	20175	15RB#0	17.6	20.46	30	PASS
3MHz	256QAM	20385	1RB#0	17.67	20.53	30	PASS
3MHz	256QAM	20385	1RB#8	17.73	20.59	30	PASS
3MHz	256QAM	20385	1RB#14	17.69	20.55	30	PASS
3MHz	256QAM	20385	15RB#0	17.63	20.49	30	PASS
5MHz	QPSK	19975	1RB#0	22.61	25.47	30	PASS
5MHz	QPSK	19975	1RB#12	22.65	25.51	30	PASS
5MHz	QPSK	19975	1RB#24	22.18	25.04	30	PASS
5MHz	QPSK	19975	25RB#0	21.59	24.45	30	PASS
5MHz	QPSK	20175	1RB#0	21.29	24.15	30	PASS
5MHz	QPSK	20175	1RB#12	22.6	25.46	30	PASS
5MHz	QPSK	20175	1RB#24	22.07	24.93	30	PASS
5MHz	QPSK	20175	25RB#0	21.53	24.39	30	PASS
5MHz	QPSK	20375	1RB#0	21.2	24.06	30	PASS
5MHz	QPSK	20375	1RB#12	22.32	25.18	30	PASS
5MHz	QPSK	20375	1RB#24	22.06	24.92	30	PASS
5MHz	QPSK	20375	25RB#0	21.53	24.39	30	PASS
5MHz	16QAM	19975	1RB#0	21.73	24.59	30	PASS
5MHz	16QAM	19975	1RB#12	21.72	24.58	30	PASS
5MHz	16QAM	19975	1RB#24	21.72	24.58	30	PASS
5MHz	16QAM	19975	25RB#0	20.75	23.61	30	PASS
5MHz	16QAM	20175	1RB#0	21.64	24.5	30	PASS
5MHz	16QAM	20175	1RB#12	21.17	24.03	30	PASS
5MHz	16QAM	20175	1RB#24	21.13	23.99	30	PASS
5MHz	16QAM	20175	25RB#0	20.72	23.58	30	PASS
5MHz	16QAM	20375	1RB#0	21.58	24.44	30	PASS
5MHz	16QAM	20375	1RB#12	21.23	24.09	30	PASS
5MHz	16QAM	20375	1RB#24	21.13	23.99	30	PASS
5MHz	16QAM	20375	25RB#0	20.73	23.59	30	PASS
5MHz	64QAM	19975	1RB#0	20.94	23.8	30	PASS
5MHz	64QAM	19975	1RB#12	20.94	23.8	30	PASS
5MHz	64QAM	19975	1RB#24	20.37	23.23	30	PASS
	3MHz 3MHz 3MHz 3MHz 3MHz 5MHz 5MHz 5MHz 5MHz 5MHz 5MHz 5MHz 5	3MHz 256QAM 3MHz 256QAM 3MHz 256QAM 3MHz 256QAM 3MHz 256QAM 5MHz QPSK 5MHz 16QAM 5MHz 64QAM	3MHz 256QAM 20385 3MHz 256QAM 20385 3MHz 256QAM 20385 3MHz 256QAM 20385 5MHz QPSK 19975 5MHz QPSK 19975 5MHz QPSK 19975 5MHz QPSK 19975 5MHz QPSK 20175 5MHz QPSK 20175 5MHz QPSK 20175 5MHz QPSK 20175 5MHz QPSK 20375 5MHz QPSK 20375 5MHz QPSK 20375 5MHz QPSK 20375 5MHz 16QAM 19975 5MHz 16QAM 19975 5MHz 16QAM 20175 5MHz 16QAM <td>3MHz 256QAM 20385 1RB#0 3MHz 256QAM 20385 1RB#8 3MHz 256QAM 20385 1RB#14 3MHz 256QAM 20385 15RB#0 5MHz QPSK 19975 1RB#0 5MHz QPSK 19975 1RB#12 5MHz QPSK 19975 25RB#0 5MHz QPSK 19975 25RB#0 5MHz QPSK 20175 1RB#24 5MHz QPSK 20175 1RB#0 5MHz QPSK 20175 1RB#24 5MHz QPSK 20175 1RB#0 5MHz QPSK 20175 1RB#0 5MHz QPSK 20375 1RB#0 5MHz QPSK 20375 1RB#24 5MHz QPSK 20375 1RB#0 5MHz 16QAM 19975 1RB#0 5MHz 16QAM 19975 1RB#0 5MHz 16QAM <t< td=""><td>3MHz 256QAM 20175 15RB#0 17.6 3MHz 256QAM 20385 1RB#0 17.67 3MHz 256QAM 20385 1RB#8 17.73 3MHz 256QAM 20385 1RB#14 17.69 3MHz 256QAM 20385 15RB#0 17.63 5MHz QPSK 19975 1RB#0 22.61 5MHz QPSK 19975 1RB#12 22.65 5MHz QPSK 19975 1RB#24 22.18 5MHz QPSK 19975 25RB#0 21.59 5MHz QPSK 20175 1RB#0 21.29 5MHz QPSK 20175 1RB#0 21.29 5MHz QPSK 20175 1RB#0 21.53 5MHz QPSK 20175 1RB#0 21.53 5MHz QPSK 20375 1RB#0 21.2 5MHz QPSK 20375 1RB#0 21.53 5MHz 16QAM<!--</td--><td>3MHz 256QAM 20175 15RB#0 17.6 20.46 3MHz 256QAM 20385 1RB#0 17.67 20.53 3MHz 256QAM 20385 1RB#8 17.73 20.59 3MHz 256QAM 20385 1RB#0 17.63 20.49 5MHz QPSK 19975 1RB#0 22.61 25.47 5MHz QPSK 19975 1RB#12 22.65 25.51 5MHz QPSK 19975 1RB#24 22.18 25.04 5MHz QPSK 19975 25RB#0 21.59 24.45 5MHz QPSK 20175 1RB#0 21.29 24.15 5MHz QPSK 20175 1RB#0 21.29 24.15 5MHz QPSK 20175 1RB#24 22.07 24.93 5MHz QPSK 20175 25RB#0 21.53 24.39 5MHz QPSK 20375 1RB#0 21.2 24.06</td><td>3MHz 256QAM 20175 15RB#0 17.6 20.46 30 3MHz 256QAM 20385 1RB#0 17.67 20.53 30 3MHz 256QAM 20385 1RB#8 17.73 20.59 30 3MHz 256QAM 20385 1RB#14 17.69 20.55 30 3MHz 256QAM 20385 1SRB#0 17.63 20.49 30 5MHz QPSK 19975 1RB#0 22.61 25.47 30 5MHz QPSK 19975 1RB#12 22.65 25.51 30 5MHz QPSK 19975 1RB#0 21.59 24.45 30 5MHz QPSK 19975 2SRB#0 21.59 24.45 30 5MHz QPSK 20175 1RB#0 21.29 24.15 30 5MHz QPSK 20175 1RB#24 22.07 24.93 30 5MHz QPSK 20175 2SRB#0</td></td></t<></td>	3MHz 256QAM 20385 1RB#0 3MHz 256QAM 20385 1RB#8 3MHz 256QAM 20385 1RB#14 3MHz 256QAM 20385 15RB#0 5MHz QPSK 19975 1RB#0 5MHz QPSK 19975 1RB#12 5MHz QPSK 19975 25RB#0 5MHz QPSK 19975 25RB#0 5MHz QPSK 20175 1RB#24 5MHz QPSK 20175 1RB#0 5MHz QPSK 20175 1RB#24 5MHz QPSK 20175 1RB#0 5MHz QPSK 20175 1RB#0 5MHz QPSK 20375 1RB#0 5MHz QPSK 20375 1RB#24 5MHz QPSK 20375 1RB#0 5MHz 16QAM 19975 1RB#0 5MHz 16QAM 19975 1RB#0 5MHz 16QAM <t< td=""><td>3MHz 256QAM 20175 15RB#0 17.6 3MHz 256QAM 20385 1RB#0 17.67 3MHz 256QAM 20385 1RB#8 17.73 3MHz 256QAM 20385 1RB#14 17.69 3MHz 256QAM 20385 15RB#0 17.63 5MHz QPSK 19975 1RB#0 22.61 5MHz QPSK 19975 1RB#12 22.65 5MHz QPSK 19975 1RB#24 22.18 5MHz QPSK 19975 25RB#0 21.59 5MHz QPSK 20175 1RB#0 21.29 5MHz QPSK 20175 1RB#0 21.29 5MHz QPSK 20175 1RB#0 21.53 5MHz QPSK 20175 1RB#0 21.53 5MHz QPSK 20375 1RB#0 21.2 5MHz QPSK 20375 1RB#0 21.53 5MHz 16QAM<!--</td--><td>3MHz 256QAM 20175 15RB#0 17.6 20.46 3MHz 256QAM 20385 1RB#0 17.67 20.53 3MHz 256QAM 20385 1RB#8 17.73 20.59 3MHz 256QAM 20385 1RB#0 17.63 20.49 5MHz QPSK 19975 1RB#0 22.61 25.47 5MHz QPSK 19975 1RB#12 22.65 25.51 5MHz QPSK 19975 1RB#24 22.18 25.04 5MHz QPSK 19975 25RB#0 21.59 24.45 5MHz QPSK 20175 1RB#0 21.29 24.15 5MHz QPSK 20175 1RB#0 21.29 24.15 5MHz QPSK 20175 1RB#24 22.07 24.93 5MHz QPSK 20175 25RB#0 21.53 24.39 5MHz QPSK 20375 1RB#0 21.2 24.06</td><td>3MHz 256QAM 20175 15RB#0 17.6 20.46 30 3MHz 256QAM 20385 1RB#0 17.67 20.53 30 3MHz 256QAM 20385 1RB#8 17.73 20.59 30 3MHz 256QAM 20385 1RB#14 17.69 20.55 30 3MHz 256QAM 20385 1SRB#0 17.63 20.49 30 5MHz QPSK 19975 1RB#0 22.61 25.47 30 5MHz QPSK 19975 1RB#12 22.65 25.51 30 5MHz QPSK 19975 1RB#0 21.59 24.45 30 5MHz QPSK 19975 2SRB#0 21.59 24.45 30 5MHz QPSK 20175 1RB#0 21.29 24.15 30 5MHz QPSK 20175 1RB#24 22.07 24.93 30 5MHz QPSK 20175 2SRB#0</td></td></t<>	3MHz 256QAM 20175 15RB#0 17.6 3MHz 256QAM 20385 1RB#0 17.67 3MHz 256QAM 20385 1RB#8 17.73 3MHz 256QAM 20385 1RB#14 17.69 3MHz 256QAM 20385 15RB#0 17.63 5MHz QPSK 19975 1RB#0 22.61 5MHz QPSK 19975 1RB#12 22.65 5MHz QPSK 19975 1RB#24 22.18 5MHz QPSK 19975 25RB#0 21.59 5MHz QPSK 20175 1RB#0 21.29 5MHz QPSK 20175 1RB#0 21.29 5MHz QPSK 20175 1RB#0 21.53 5MHz QPSK 20175 1RB#0 21.53 5MHz QPSK 20375 1RB#0 21.2 5MHz QPSK 20375 1RB#0 21.53 5MHz 16QAM </td <td>3MHz 256QAM 20175 15RB#0 17.6 20.46 3MHz 256QAM 20385 1RB#0 17.67 20.53 3MHz 256QAM 20385 1RB#8 17.73 20.59 3MHz 256QAM 20385 1RB#0 17.63 20.49 5MHz QPSK 19975 1RB#0 22.61 25.47 5MHz QPSK 19975 1RB#12 22.65 25.51 5MHz QPSK 19975 1RB#24 22.18 25.04 5MHz QPSK 19975 25RB#0 21.59 24.45 5MHz QPSK 20175 1RB#0 21.29 24.15 5MHz QPSK 20175 1RB#0 21.29 24.15 5MHz QPSK 20175 1RB#24 22.07 24.93 5MHz QPSK 20175 25RB#0 21.53 24.39 5MHz QPSK 20375 1RB#0 21.2 24.06</td> <td>3MHz 256QAM 20175 15RB#0 17.6 20.46 30 3MHz 256QAM 20385 1RB#0 17.67 20.53 30 3MHz 256QAM 20385 1RB#8 17.73 20.59 30 3MHz 256QAM 20385 1RB#14 17.69 20.55 30 3MHz 256QAM 20385 1SRB#0 17.63 20.49 30 5MHz QPSK 19975 1RB#0 22.61 25.47 30 5MHz QPSK 19975 1RB#12 22.65 25.51 30 5MHz QPSK 19975 1RB#0 21.59 24.45 30 5MHz QPSK 19975 2SRB#0 21.59 24.45 30 5MHz QPSK 20175 1RB#0 21.29 24.15 30 5MHz QPSK 20175 1RB#24 22.07 24.93 30 5MHz QPSK 20175 2SRB#0</td>	3MHz 256QAM 20175 15RB#0 17.6 20.46 3MHz 256QAM 20385 1RB#0 17.67 20.53 3MHz 256QAM 20385 1RB#8 17.73 20.59 3MHz 256QAM 20385 1RB#0 17.63 20.49 5MHz QPSK 19975 1RB#0 22.61 25.47 5MHz QPSK 19975 1RB#12 22.65 25.51 5MHz QPSK 19975 1RB#24 22.18 25.04 5MHz QPSK 19975 25RB#0 21.59 24.45 5MHz QPSK 20175 1RB#0 21.29 24.15 5MHz QPSK 20175 1RB#0 21.29 24.15 5MHz QPSK 20175 1RB#24 22.07 24.93 5MHz QPSK 20175 25RB#0 21.53 24.39 5MHz QPSK 20375 1RB#0 21.2 24.06	3MHz 256QAM 20175 15RB#0 17.6 20.46 30 3MHz 256QAM 20385 1RB#0 17.67 20.53 30 3MHz 256QAM 20385 1RB#8 17.73 20.59 30 3MHz 256QAM 20385 1RB#14 17.69 20.55 30 3MHz 256QAM 20385 1SRB#0 17.63 20.49 30 5MHz QPSK 19975 1RB#0 22.61 25.47 30 5MHz QPSK 19975 1RB#12 22.65 25.51 30 5MHz QPSK 19975 1RB#0 21.59 24.45 30 5MHz QPSK 19975 2SRB#0 21.59 24.45 30 5MHz QPSK 20175 1RB#0 21.29 24.15 30 5MHz QPSK 20175 1RB#24 22.07 24.93 30 5MHz QPSK 20175 2SRB#0



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Band4	5MHz	64QAM	19975	25RB#0	19.74	22.6	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	20.87	23.73	30	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.36	23.22	30	PASS
Band4	5MHz	64QAM	20175	1RB#24	20.34	23.2	30	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.72	22.58	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.77	23.63	30	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.35	23.21	30	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.36	23.22	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.7	22.56	30	PASS
Band4	5MHz	256QAM	19975	1RB#0	17.83	20.69	30	PASS
Band4	5MHz	256QAM	19975	1RB#12	17.77	20.63	30	PASS
Band4	5MHz	256QAM	19975	1RB#24	17.85	20.71	30	PASS
Band4	5MHz	256QAM	19975	25RB#0	17.76	20.62	30	PASS
Band4	5MHz	256QAM	20175	1RB#0	17.79	20.65	30	PASS
Band4	5MHz	256QAM	20175	1RB#12	17.75	20.61	30	PASS
Band4	5MHz	256QAM	20175	1RB#24	17.66	20.52	30	PASS
Band4	5MHz	256QAM	20175	25RB#0	17.67	20.53	30	PASS
Band4	5MHz	256QAM	20375	1RB#0	17.67	20.53	30	PASS
Band4	5MHz	256QAM	20375	1RB#12	17.71	20.57	30	PASS
Band4	5MHz	256QAM	20375	1RB#24	17.75	20.61	30	PASS
Band4	5MHz	256QAM	20375	25RB#0	17.68	20.54	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.55	25.41	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.62	25.48	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.04	24.9	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.62	24.48	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.19	24.05	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.57	25.43	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.97	24.83	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.58	24.44	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.9	24.76	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.52	25.38	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.23	25.09	30	PASS



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				Page:	7 01 1	T	
10MHz	QPSK	20350	50RB#0	21.51	24.37	30	PASS
10MHz	16QAM	20000	1RB#0	21.69	24.55	30	PASS
10MHz	16QAM	20000	1RB#24	21.48	24.34	30	PASS
10MHz	16QAM	20000	1RB#49	21.17	24.03	30	PASS
10MHz	16QAM	20000	50RB#0	20.76	23.62	30	PASS
10MHz	16QAM	20175	1RB#0	21.6	24.46	30	PASS
10MHz	16QAM	20175	1RB#24	21.63	24.49	30	PASS
10MHz	16QAM	20175	1RB#49	21.14	24	30	PASS
10MHz	16QAM	20175	50RB#0	20.7	23.56	30	PASS
10MHz	16QAM	20350	1RB#0	21.48	24.34	30	PASS
10MHz	16QAM	20350	1RB#24	21.23	24.09	30	PASS
10MHz	16QAM	20350	1RB#49	21.1	23.96	30	PASS
10MHz	16QAM	20350	50RB#0	20.63	23.49	30	PASS
10MHz	64QAM	20000	1RB#0	20.89	23.75	30	PASS
10MHz	64QAM	20000	1RB#24	20.47	23.33	30	PASS
10MHz	64QAM	20000	1RB#49	20.43	23.29	30	PASS
10MHz	64QAM	20000	50RB#0	19.77	22.63	30	PASS
10MHz	64QAM	20175	1RB#0	20.82	23.68	30	PASS
10MHz	64QAM	20175	1RB#24	20.39	23.25	30	PASS
10MHz	64QAM	20175	1RB#49	20.33	23.19	30	PASS
10MHz	64QAM	20175	50RB#0	19.7	22.56	30	PASS
10MHz	64QAM	20350	1RB#0	20.69	23.55	30	PASS
10MHz	64QAM	20350	1RB#24	20.81	23.67	30	PASS
10MHz	64QAM	20350	1RB#49	20.66	23.52	30	PASS
10MHz	64QAM	20350	50RB#0	19.61	22.47	30	PASS
10MHz	256QAM	20000	1RB#0	17.71	20.57	30	PASS
10MHz	256QAM	20000	1RB#24	17.8	20.66	30	PASS
10MHz	256QAM	20000	1RB#49	17.78	20.64	30	PASS
10MHz	256QAM	20000	50RB#0	17.72	20.58	30	PASS
10MHz	256QAM	20175	1RB#0	17.74	20.6	30	PASS
10MHz	256QAM	20175	1RB#24	17.78	20.64	30	PASS
10MHz	256QAM	20175	1RB#49	17.68	20.54	30	PASS
	10MHz	10MHz 16QAM 10MHz 64QAM 10MHz 256QAM 10MHz 256QAM 10MHz 256QAM 10MHz 256QAM 10MHz 256QAM 10MHz 256QAM	10MHz 16QAM 20000 10MHz 16QAM 20000 10MHz 16QAM 20000 10MHz 16QAM 20175 10MHz 16QAM 20175 10MHz 16QAM 20175 10MHz 16QAM 20350 10MHz 64QAM 20000 10MHz 64QAM 20000 10MHz 64QAM 20000 10MHz 64QAM 20175 10MHz 64QAM 20175 10MHz 64QAM 20175 10MHz 64QAM 20350 10MHz 64QAM 20350 10MHz 64QAM 20350 10MHz 64QAM 20350 10MHz 64QAM 20350 <td< td=""><td>10MHz 16QAM 20000 1RB#0 10MHz 16QAM 20000 1RB#24 10MHz 16QAM 20000 1RB#49 10MHz 16QAM 20175 1RB#0 10MHz 16QAM 20175 1RB#24 10MHz 16QAM 20175 1RB#49 10MHz 16QAM 20175 50RB#0 10MHz 16QAM 20350 1RB#49 10MHz 16QAM 20350 1RB#24 10MHz 16QAM 20350 1RB#49 10MHz 16QAM 20350 1RB#49 10MHz 16QAM 20350 1RB#0 10MHz 16QAM 20350 1RB#0 10MHz 64QAM 20000 1RB#0 10MHz 64QAM 20000 1RB#49 10MHz 64QAM 20000 1RB#24 10MHz 64QAM 20175 1RB#0 10MHz 64QAM 20175 1RB#0 10MHz</td><td>10MHz QPSK 20350 50RB#0 21.51 10MHz 16QAM 20000 1RB#0 21.69 10MHz 16QAM 20000 1RB#24 21.48 10MHz 16QAM 20000 1RB#49 21.17 10MHz 16QAM 20000 50RB#0 20.76 10MHz 16QAM 20175 1RB#0 21.6 10MHz 16QAM 20175 1RB#24 21.63 10MHz 16QAM 20175 1RB#49 21.14 10MHz 16QAM 20175 50RB#0 20.7 10MHz 16QAM 20175 50RB#0 20.7 10MHz 16QAM 20350 1RB#0 21.48 10MHz 16QAM 20350 1RB#0 21.48 10MHz 16QAM 20350 1RB#49 21.1 10MHz 16QAM 20350 1RB#0 20.63 10MHz 64QAM 20000 1RB#24 20.47 10MHz<td>10MHz QPSK 20350 50RB#0 21.51 24.37 10MHz 16QAM 20000 1RB#0 21.69 24.55 10MHz 16QAM 20000 1RB#24 21.48 24.34 10MHz 16QAM 20000 50RB#0 20.76 23.62 10MHz 16QAM 20175 1RB#0 21.6 24.46 10MHz 16QAM 20175 1RB#24 21.63 24.49 10MHz 16QAM 20175 1RB#24 21.63 24.49 10MHz 16QAM 20175 1RB#49 21.14 24 10MHz 16QAM 20175 50RB#0 20.7 23.56 10MHz 16QAM 20350 1RB#0 21.48 24.34 10MHz 16QAM 20350 1RB#49 21.1 23.96 10MHz 16QAM 20350 1RB#49 21.1 23.96 10MHz 16QAM 20350 50RB#0 20.63 23.49</td><td>10MHz QPSK 20350 50RB#0 21.51 24.37 30 10MHz 16QAM 20000 1RB#0 21.69 24.55 30 10MHz 16QAM 20000 1RB#24 21.48 24.34 30 10MHz 16QAM 20000 50RB#0 20.76 23.62 30 10MHz 16QAM 20175 1RB#0 21.6 24.46 30 10MHz 16QAM 20175 1RB#0 21.6 24.49 30 10MHz 16QAM 20175 1RB#24 21.63 24.49 30 10MHz 16QAM 20175 50RB#0 20.7 23.56 30 10MHz 16QAM 20175 50RB#0 20.7 23.56 30 10MHz 16QAM 20350 1RB#0 21.48 24.34 30 10MHz 16QAM 20350 1RB#24 21.23 24.09 30 10MHz 16QAM 20350 1RB#4</td></td></td<>	10MHz 16QAM 20000 1RB#0 10MHz 16QAM 20000 1RB#24 10MHz 16QAM 20000 1RB#49 10MHz 16QAM 20175 1RB#0 10MHz 16QAM 20175 1RB#24 10MHz 16QAM 20175 1RB#49 10MHz 16QAM 20175 50RB#0 10MHz 16QAM 20350 1RB#49 10MHz 16QAM 20350 1RB#24 10MHz 16QAM 20350 1RB#49 10MHz 16QAM 20350 1RB#49 10MHz 16QAM 20350 1RB#0 10MHz 16QAM 20350 1RB#0 10MHz 64QAM 20000 1RB#0 10MHz 64QAM 20000 1RB#49 10MHz 64QAM 20000 1RB#24 10MHz 64QAM 20175 1RB#0 10MHz 64QAM 20175 1RB#0 10MHz	10MHz QPSK 20350 50RB#0 21.51 10MHz 16QAM 20000 1RB#0 21.69 10MHz 16QAM 20000 1RB#24 21.48 10MHz 16QAM 20000 1RB#49 21.17 10MHz 16QAM 20000 50RB#0 20.76 10MHz 16QAM 20175 1RB#0 21.6 10MHz 16QAM 20175 1RB#24 21.63 10MHz 16QAM 20175 1RB#49 21.14 10MHz 16QAM 20175 50RB#0 20.7 10MHz 16QAM 20175 50RB#0 20.7 10MHz 16QAM 20350 1RB#0 21.48 10MHz 16QAM 20350 1RB#0 21.48 10MHz 16QAM 20350 1RB#49 21.1 10MHz 16QAM 20350 1RB#0 20.63 10MHz 64QAM 20000 1RB#24 20.47 10MHz <td>10MHz QPSK 20350 50RB#0 21.51 24.37 10MHz 16QAM 20000 1RB#0 21.69 24.55 10MHz 16QAM 20000 1RB#24 21.48 24.34 10MHz 16QAM 20000 50RB#0 20.76 23.62 10MHz 16QAM 20175 1RB#0 21.6 24.46 10MHz 16QAM 20175 1RB#24 21.63 24.49 10MHz 16QAM 20175 1RB#24 21.63 24.49 10MHz 16QAM 20175 1RB#49 21.14 24 10MHz 16QAM 20175 50RB#0 20.7 23.56 10MHz 16QAM 20350 1RB#0 21.48 24.34 10MHz 16QAM 20350 1RB#49 21.1 23.96 10MHz 16QAM 20350 1RB#49 21.1 23.96 10MHz 16QAM 20350 50RB#0 20.63 23.49</td> <td>10MHz QPSK 20350 50RB#0 21.51 24.37 30 10MHz 16QAM 20000 1RB#0 21.69 24.55 30 10MHz 16QAM 20000 1RB#24 21.48 24.34 30 10MHz 16QAM 20000 50RB#0 20.76 23.62 30 10MHz 16QAM 20175 1RB#0 21.6 24.46 30 10MHz 16QAM 20175 1RB#0 21.6 24.49 30 10MHz 16QAM 20175 1RB#24 21.63 24.49 30 10MHz 16QAM 20175 50RB#0 20.7 23.56 30 10MHz 16QAM 20175 50RB#0 20.7 23.56 30 10MHz 16QAM 20350 1RB#0 21.48 24.34 30 10MHz 16QAM 20350 1RB#24 21.23 24.09 30 10MHz 16QAM 20350 1RB#4</td>	10MHz QPSK 20350 50RB#0 21.51 24.37 10MHz 16QAM 20000 1RB#0 21.69 24.55 10MHz 16QAM 20000 1RB#24 21.48 24.34 10MHz 16QAM 20000 50RB#0 20.76 23.62 10MHz 16QAM 20175 1RB#0 21.6 24.46 10MHz 16QAM 20175 1RB#24 21.63 24.49 10MHz 16QAM 20175 1RB#24 21.63 24.49 10MHz 16QAM 20175 1RB#49 21.14 24 10MHz 16QAM 20175 50RB#0 20.7 23.56 10MHz 16QAM 20350 1RB#0 21.48 24.34 10MHz 16QAM 20350 1RB#49 21.1 23.96 10MHz 16QAM 20350 1RB#49 21.1 23.96 10MHz 16QAM 20350 50RB#0 20.63 23.49	10MHz QPSK 20350 50RB#0 21.51 24.37 30 10MHz 16QAM 20000 1RB#0 21.69 24.55 30 10MHz 16QAM 20000 1RB#24 21.48 24.34 30 10MHz 16QAM 20000 50RB#0 20.76 23.62 30 10MHz 16QAM 20175 1RB#0 21.6 24.46 30 10MHz 16QAM 20175 1RB#0 21.6 24.49 30 10MHz 16QAM 20175 1RB#24 21.63 24.49 30 10MHz 16QAM 20175 50RB#0 20.7 23.56 30 10MHz 16QAM 20175 50RB#0 20.7 23.56 30 10MHz 16QAM 20350 1RB#0 21.48 24.34 30 10MHz 16QAM 20350 1RB#24 21.23 24.09 30 10MHz 16QAM 20350 1RB#4



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Band4	10MHz	256QAM	20175	50RB#0	17.65	20.51	30	PASS
Band4	10MHz	256QAM	20350	1RB#0	17.59	20.45	30	PASS
Band4	10MHz	256QAM	20350	1RB#24	17.66	20.52	30	PASS
Band4	10MHz	256QAM	20350	1RB#49	17.65	20.51	30	PASS
Band4	10MHz	256QAM	20350	50RB#0	17.6	20.46	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.45	25.31	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.55	25.41	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	22	24.86	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.56	24.42	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.22	24.08	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.52	25.38	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.99	24.85	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.57	24.43	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	21.06	23.92	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.44	25.3	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.19	25.05	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.43	24.29	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.64	24.5	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.29	24.15	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.15	24.01	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.67	23.53	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.56	24.42	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.72	24.58	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.08	23.94	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.65	23.51	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.49	24.35	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.34	24.2	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.13	23.99	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.6	23.46	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.84	23.7	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	20.87	23.73	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	20.37	23.23	30	PASS
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Band4	15MHz	64QAM	20025	75RB#0	19.68	22.54	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	20.79	23.65	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.28	23.14	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.33	23.19	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.66	22.52	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	20.73	23.59	30	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.3	23.16	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	20.37	23.23	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.63	22.49	30	PASS
Band4	15MHz	256QAM	20025	1RB#0	17.76	20.62	30	PASS
Band4	15MHz	256QAM	20025	1RB#38	17.76	20.62	30	PASS
Band4	15MHz	256QAM	20025	1RB#74	17.75	20.61	30	PASS
Band4	15MHz	256QAM	20025	75RB#0	17.66	20.52	30	PASS
Band4	15MHz	256QAM	20175	1RB#0	17.58	20.44	30	PASS
Band4	15MHz	256QAM	20175	1RB#38	17.74	20.6	30	PASS
Band4	15MHz	256QAM	20175	1RB#74	17.67	20.53	30	PASS
Band4	15MHz	256QAM	20175	75RB#0	17.63	20.49	30	PASS
Band4	15MHz	256QAM	20325	1RB#0	17.55	20.41	30	PASS
Band4	15MHz	256QAM	20325	1RB#38	17.66	20.52	30	PASS
Band4	15MHz	256QAM	20325	1RB#74	17.72	20.58	30	PASS
Band4	15MHz	256QAM	20325	75RB#0	17.58	20.44	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.44	25.3	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.57	25.43	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	22	24.86	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.51	24.37	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	21.18	24.04	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.52	25.38	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.94	24.8	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.58	24.44	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.92	24.78	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	21.99	24.85	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.09	24.95	30	PASS



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20MHz	QPSK	20300	100RB#0	21.43	24.29	30	PASS
20MHz	16QAM	20050	1RB#0	21.57	24.43	30	PASS
20MHz	16QAM	20050	1RB#49	21.42	24.28	30	PASS
20MHz	16QAM	20050	1RB#99	21.1	23.96	30	PASS
20MHz	16QAM	20050	100RB#0	20.65	23.51	30	PASS
20MHz	16QAM	20175	1RB#0	21.04	23.9	30	PASS
20MHz	16QAM	20175	1RB#49	21.12	23.98	30	PASS
20MHz	16QAM	20175	1RB#99	21.06	23.92	30	PASS
20MHz	16QAM	20175	100RB#0	20.69	23.55	30	PASS
20MHz	16QAM	20300	1RB#0	21.46	24.32	30	PASS
20MHz	16QAM	20300	1RB#49	21.25	24.11	30	PASS
20MHz	16QAM	20300	1RB#99	21.3	24.16	30	PASS
20MHz	16QAM	20300	100RB#0	20.57	23.43	30	PASS
20MHz	64QAM	20050	1RB#0	20.73	23.59	30	PASS
20MHz	64QAM	20050	1RB#49	20.39	23.25	30	PASS
20MHz	64QAM	20050	1RB#99	20.33	23.19	30	PASS
20MHz	64QAM	20050	100RB#0	19.63	22.49	30	PASS
20MHz	64QAM	20175	1RB#0	20.66	23.52	30	PASS
20MHz	64QAM	20175	1RB#49	20.4	23.26	30	PASS
20MHz	64QAM	20175	1RB#99	20.34	23.2	30	PASS
20MHz	64QAM	20175	100RB#0	19.7	22.56	30	PASS
20MHz	64QAM	20300	1RB#0	20.69	23.55	30	PASS
20MHz	64QAM	20300	1RB#49	20.32	23.18	30	PASS
20MHz	64QAM	20300	1RB#99	20.32	23.18	30	PASS
20MHz	64QAM	20300	100RB#0	19.58	22.44	30	PASS
20MHz	256QAM	20050	1RB#0	17.64	20.5	30	PASS
20MHz	256QAM	20050	1RB#49	17.75	20.61	30	PASS
20MHz	256QAM	20050	1RB#99	17.76	20.62	30	PASS
20MHz	256QAM	20050	100RB#0	17.6	20.46	30	PASS
20MHz	256QAM	20175	1RB#0	17.6	20.46	30	PASS
20MHz	256QAM	20175	1RB#49	17.77	20.63	30	PASS
20MHz	256QAM	20175	1RB#99	17.64	20.5	30	PASS
	20MHz	20MHz 16QAM 20MHz 64QAM 20MHz 256QAM 2	20MHz 16QAM 20050 20MHz 16QAM 20050 20MHz 16QAM 20050 20MHz 16QAM 20050 20MHz 16QAM 20175 20MHz 16QAM 20175 20MHz 16QAM 20175 20MHz 16QAM 20300 20MHz 64QAM 20050 20MHz 64QAM 20050 20MHz 64QAM 20050 20MHz 64QAM 20175 20MHz 64QAM 20175 20MHz 64QAM 20175 20MHz 64QAM 20175 20MHz 64QAM 20300 20MHz 64QAM 20300 20MHz 64QAM 20300 20MHz 64QAM 20300 <td< td=""><td>20MHz 16QAM 20050 1RB#0 20MHz 16QAM 20050 1RB#49 20MHz 16QAM 20050 1RB#99 20MHz 16QAM 20050 100RB#0 20MHz 16QAM 20175 1RB#0 20MHz 16QAM 20175 1RB#49 20MHz 16QAM 20175 100RB#0 20MHz 16QAM 20300 1RB#0 20MHz 16QAM 20300 1RB#0 20MHz 16QAM 20300 1RB#49 20MHz 16QAM 20300 1RB#99 20MHz 16QAM 20300 100RB#0 20MHz 64QAM 20050 1RB#0 20MHz 64QAM 20050 1RB#99 20MHz 64QAM 20050 1RB#99 20MHz 64QAM 20175 1RB#0 20MHz 64QAM 20175 1RB#99 20MHz 64QAM 20175 1RB#99 20MHz</td><td>20MHz QPSK 20300 100RB#0 21.43 20MHz 16QAM 20050 1RB#0 21.57 20MHz 16QAM 20050 1RB#49 21.42 20MHz 16QAM 20050 1RB#99 21.1 20MHz 16QAM 20050 100RB#0 20.65 20MHz 16QAM 20175 1RB#0 21.04 20MHz 16QAM 20175 1RB#99 21.06 20MHz 16QAM 20175 1RB#99 21.06 20MHz 16QAM 20175 100RB#0 20.69 20MHz 16QAM 20300 1RB#0 21.46 20MHz 16QAM 20300 1RB#0 21.3 20MHz 16QAM 20300 1RB#99 21.3 20MHz 16QAM 20300 1RB#99 20.57 20MHz 64QAM 20050 1RB#0 20.73 20MHz 64QAM 20050 1RB#99 20.33 20MH</td><td>20MHz QPSK 20300 100RB#0 21.43 24.29 20MHz 16QAM 20050 1RB#0 21.57 24.43 20MHz 16QAM 20050 1RB#49 21.42 24.28 20MHz 16QAM 20050 100RB#0 20.65 23.51 20MHz 16QAM 20175 1RB#0 21.04 23.9 20MHz 16QAM 20175 1RB#49 21.12 23.98 20MHz 16QAM 20175 1RB#99 21.06 23.92 20MHz 16QAM 20175 1RB#99 21.06 23.92 20MHz 16QAM 20175 100RB#0 20.69 23.55 20MHz 16QAM 20300 1RB#0 21.46 24.32 20MHz 16QAM 20300 1RB#49 21.25 24.11 20MHz 16QAM 20300 1RB#99 21.3 24.16 20MHz 64QAM 20050 1RB#0 20.57 23.43</td><td>20MHz QPSK 20300 100RB#0 21.43 24.29 30 20MHz 16QAM 20050 1RB#0 21.57 24.43 30 20MHz 16QAM 20050 1RB#49 21.42 24.28 30 20MHz 16QAM 20050 1RB#99 21.1 23.96 30 20MHz 16QAM 20050 100RB#0 20.65 23.51 30 20MHz 16QAM 20175 1RB#0 21.04 23.9 30 20MHz 16QAM 20175 1RB#49 21.12 23.98 30 20MHz 16QAM 20175 1RB#99 21.06 23.92 30 20MHz 16QAM 20175 100RB#0 20.69 23.55 30 20MHz 16QAM 20300 1RB#0 21.46 24.32 30 20MHz 16QAM 20300 1RB#49 21.25 24.11 30 20MHz 16QAM 20300 <td< td=""></td<></td></td<>	20MHz 16QAM 20050 1RB#0 20MHz 16QAM 20050 1RB#49 20MHz 16QAM 20050 1RB#99 20MHz 16QAM 20050 100RB#0 20MHz 16QAM 20175 1RB#0 20MHz 16QAM 20175 1RB#49 20MHz 16QAM 20175 100RB#0 20MHz 16QAM 20300 1RB#0 20MHz 16QAM 20300 1RB#0 20MHz 16QAM 20300 1RB#49 20MHz 16QAM 20300 1RB#99 20MHz 16QAM 20300 100RB#0 20MHz 64QAM 20050 1RB#0 20MHz 64QAM 20050 1RB#99 20MHz 64QAM 20050 1RB#99 20MHz 64QAM 20175 1RB#0 20MHz 64QAM 20175 1RB#99 20MHz 64QAM 20175 1RB#99 20MHz	20MHz QPSK 20300 100RB#0 21.43 20MHz 16QAM 20050 1RB#0 21.57 20MHz 16QAM 20050 1RB#49 21.42 20MHz 16QAM 20050 1RB#99 21.1 20MHz 16QAM 20050 100RB#0 20.65 20MHz 16QAM 20175 1RB#0 21.04 20MHz 16QAM 20175 1RB#99 21.06 20MHz 16QAM 20175 1RB#99 21.06 20MHz 16QAM 20175 100RB#0 20.69 20MHz 16QAM 20300 1RB#0 21.46 20MHz 16QAM 20300 1RB#0 21.3 20MHz 16QAM 20300 1RB#99 21.3 20MHz 16QAM 20300 1RB#99 20.57 20MHz 64QAM 20050 1RB#0 20.73 20MHz 64QAM 20050 1RB#99 20.33 20MH	20MHz QPSK 20300 100RB#0 21.43 24.29 20MHz 16QAM 20050 1RB#0 21.57 24.43 20MHz 16QAM 20050 1RB#49 21.42 24.28 20MHz 16QAM 20050 100RB#0 20.65 23.51 20MHz 16QAM 20175 1RB#0 21.04 23.9 20MHz 16QAM 20175 1RB#49 21.12 23.98 20MHz 16QAM 20175 1RB#99 21.06 23.92 20MHz 16QAM 20175 1RB#99 21.06 23.92 20MHz 16QAM 20175 100RB#0 20.69 23.55 20MHz 16QAM 20300 1RB#0 21.46 24.32 20MHz 16QAM 20300 1RB#49 21.25 24.11 20MHz 16QAM 20300 1RB#99 21.3 24.16 20MHz 64QAM 20050 1RB#0 20.57 23.43	20MHz QPSK 20300 100RB#0 21.43 24.29 30 20MHz 16QAM 20050 1RB#0 21.57 24.43 30 20MHz 16QAM 20050 1RB#49 21.42 24.28 30 20MHz 16QAM 20050 1RB#99 21.1 23.96 30 20MHz 16QAM 20050 100RB#0 20.65 23.51 30 20MHz 16QAM 20175 1RB#0 21.04 23.9 30 20MHz 16QAM 20175 1RB#49 21.12 23.98 30 20MHz 16QAM 20175 1RB#99 21.06 23.92 30 20MHz 16QAM 20175 100RB#0 20.69 23.55 30 20MHz 16QAM 20300 1RB#0 21.46 24.32 30 20MHz 16QAM 20300 1RB#49 21.25 24.11 30 20MHz 16QAM 20300 <td< td=""></td<>



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Band4	20MHz	256QAM	20175	100RB#0	17.64	20.5	30	PASS
Band4	20MHz	256QAM	20300	1RB#0	17.55	20.41	30	PASS
Band4	20MHz	256QAM	20300	1RB#49	17.73	20.59	30	PASS
Band4	20MHz	256QAM	20300	1RB#99	17.69	20.55	30	PASS
Band4	20MHz	256QAM	20300	100RB#0	17.49	20.35	30	PASS



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Field Strength of Spurious Radiation

Test Band = LTE Band4_ TM1
Test Channel = Low

Final	Final Data List										
NO.	Frequency	Reading	Factor	A E [- D /]	Level	Limit	Margin	Height	Angle	Dalarita	
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity	
1	3422.1800	41.88	-46.28	29.45	-70.21	-13.00	57.21	236	288	Horizontal	
2	5133.2700	39.29	-45.34	32.95	-68.36	-13.00	55.36	215	259	Horizontal	
3	6844.3600	39.85	-44.14	35.89	-63.66	-13.00	50.66	145	336	Horizontal	
4	8555.4500	37.76	-41.46	37.66	-61.30	-13.00	48.30	169	259	Horizontal	
5	10266.5400	33.89	-39.23	38.83	-61.77	-13.00	48.77	192	259	Horizontal	
6	11977.6300	31.74	-37.51	38.95	-62.09	-13.00	49.09	174	243	Horizontal	

Final Data List										
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Height	Angle	Dolovitu
NO.	[MHz]	[dBµV]	[dB]	AF[ub/III]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3422.1800	43.04	-46.28	29.45	-69.05	-13.00	56.05	258	3	Vertical
2	5133.2700	40.09	-45.34	32.95	-67.56	-13.00	54.56	147	270	Vertical
3	6844.3600	40.34	-44.14	35.89	-63.17	-13.00	50.17	159	256	Vertical
4	8555.4500	37.34	-41.46	37.66	-61.72	-13.00	48.72	136	353	Vertical
5	10266.5400	34.58	-39.23	38.83	-61.08	-13.00	48.08	256	104	Vertical
6	11977.6300	31.97	-37.51	38.95	-61.86	-13.00	48.86	291	13	Vertical



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Test Band = LTE Band4_ TM1 Test Channel = Mid

Final Data List											
NO	Frequency	Reading	Factor	V [[4] [] /]	Level	Limit	Margin	Height	Angle	Polarity	
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]		
1	3447.1800	42.10	-46.27	29.47	-69.96	-13.00	56.96	254	44	Horizontal	
2	5170.7700	39.67	-45.31	32.97	-67.92	-13.00	54.92	174	244	Horizontal	
3	6894.3600	40.05	-44.10	35.95	-63.36	-13.00	50.36	185	360	Horizontal	
4	8617.9500	37.25	-41.40	37.78	-61.63	-13.00	48.63	155	44	Horizontal	
5	10341.5400	34.73	-39.06	38.85	-60.74	-13.00	47.74	123	182	Horizontal	
6	12065.1300	32.19	-37.44	39.02	-61.49	-13.00	48.49	291	258	Horizontal	

Final Data List										
	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Height	Angle	Polarity
NO.	[MHz]	[dBµV]	[dB]		[dBm]	[dBm]	[dB]	[cm]	[°]	
1	3447.1800	42.19	-46.27	29.47	-69.87	-13.00	56.87	246	92	Vertical
2	5170.7700	41.67	-45.31	32.97	-65.92	-13.00	52.92	128	359	Vertical
3	6894.3600	39.62	-44.10	35.95	-63.79	-13.00	50.79	196	337	Vertical
4	8617.9500	37.87	-41.40	37.78	-61.01	-13.00	48.01	135	355	Vertical
5	10341.5400	34.21	-39.06	38.85	-61.26	-13.00	48.26	172	320	Vertical
6	12065.1300	32.11	-37.44	39.02	-61.57	-13.00	48.57	288	261	Vertical



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Test Band = LTE Band4_ TM1 Test Channel = High

Final Data List											
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Height	Angle	Polarity	
NO.	[MHz]	[dBµV]	[dB]		[dBm]	[dBm]	[dB]	[cm]	[°]		
1	3472.1800	42.16	-46.27	29.50	-69.87	-13.00	56.87	236	30	Horizontal	
2	5208.2700	40.44	-45.26	32.98	-67.10	-13.00	54.10	215	167	Horizontal	
3	6944.3600	39.53	-43.85	36.01	-63.57	-13.00	50.57	195	167	Horizontal	
4	8680.4500	37.73	-41.62	37.88	-61.27	-13.00	48.27	175	227	Horizontal	
5	10416.5400	33.17	-38.97	38.88	-62.19	-13.00	49.19	148	77	Horizontal	
6	12152.6300	32.73	-37.42	39.09	-60.86	-13.00	47.86	128	91	Horizontal	

Final Data List										
NO.	Frequency	Reading	Factor	VE[qD/m]	Level	Limit	Margin	Height	Angle	Polarity
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	
1	3472.1800	42.38	-46.27	29.50	-69.65	-13.00	56.65	233	360	Vertical
2	5208.2700	40.12	-45.26	32.98	-67.42	-13.00	54.42	265	30	Vertical
3	6944.3600	39.37	-43.85	36.01	-63.73	-13.00	50.73	299	4	Vertical
4	8680.4500	37.52	-41.62	37.88	-61.48	-13.00	48.48	145	261	Vertical
5	10416.5400	33.47	-38.97	38.88	-61.89	-13.00	48.89	220	198	Vertical
6	12152.6300	32.99	-37.42	39.09	-60.60	-13.00	47.60	215	360	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit - Level

---End of Attachment---



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