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Appendix B.25

LTE CA_43C (3700-3800)



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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
43-43	10MHz-20MHz	QPSK-QPSK	44645-44789	1RB#0-0RB#0	24.75	18.65	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	44645-44789	50RB#0-100RB#0	23.73	17.63	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	44996-45140	1RB#0-0RB#0	24.49	18.39	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	44996-45140	50RB#0-100RB#0	23.46	17.36	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	45346-45490	1RB#0-0RB#0	21.45	15.35	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	45346-45490	50RB#0-100RB#0	23.07	16.97	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44645-44789	1RB#0-0RB#0	24.03	17.93	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44645-44789	50RB#0-100RB#0	22.74	16.64	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44996-45140	1RB#0-0RB#0	23.95	17.85	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44996-45140	50RB#0-100RB#0	22.45	16.35	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	45346-45490	1RB#0-0RB#0	23.45	17.35	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	45346-45490	50RB#0-100RB#0	22.08	15.98	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44645-44789	1RB#0-0RB#0	23.3	17.2	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44645-44789	50RB#0-100RB#0	22.75	16.65	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44996-45140	1RB#0-0RB#0	23.22	17.12	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44996-45140	50RB#0-100RB#0	22.46	16.36	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	45346-45490	1RB#0-0RB#0	22.73	16.63	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	45346-45490	50RB#0-100RB#0	22.07	15.97	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44645-44789	1RB#0-0RB#0	20.15	14.05	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44645-44789	50RB#0-100RB#0	20.72	14.62	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44996-45140	1RB#0-0RB#0	20.1	14	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44996-45140	50RB#0-100RB#0	20.49	14.39	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	45346-45490	1RB#0-0RB#0	19.75	13.65	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	45346-45490	50RB#0-100RB#0	20.11	14.01	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44668-44839	1RB#0-0RB#0	24.66	18.56	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44668-44839	75RB#0-100RB#0	23.69	17.59	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44993-45164	1RB#0-0RB#0	24.58	18.48	30	PASS



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43-43	15MHz-20MHz	QPSK-QPSK	44993-45164	75RB#0-100RB#0	23.31	17.21	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	45319-45490	1RB#0-0RB#0	23.93	17.83	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	45319-45490	75RB#0-100RB#0	23.1	17	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44668-44839	1RB#0-0RB#0	23.68	17.58	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44668-44839	75RB#0-100RB#0	22.71	16.61	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44993-45164	1RB#0-0RB#0	23.6	17.5	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44993-45164	75RB#0-100RB#0	22.33	16.23	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	45319-45490	1RB#0-0RB#0	22.95	16.85	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	45319-45490	75RB#0-100RB#0	22.12	16.02	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44668-44839	1RB#0-0RB#0	22.84	16.74	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44668-44839	75RB#0-100RB#0	22.69	16.59	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44993-45164	1RB#0-0RB#0	22.73	16.63	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44993-45164	75RB#0-100RB#0	22.1	16	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	45319-45490	1RB#0-0RB#0	22.12	16.02	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	45319-45490	75RB#0-100RB#0	21.46	15.36	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44668-44839	1RB#0-0RB#0	19.74	13.64	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44668-44839	75RB#0-100RB#0	20.71	14.61	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44993-45164	1RB#0-0RB#0	19.66	13.56	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44993-45164	75RB#0-100RB#0	20.3	14.2	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	45319-45490	1RB#0-0RB#0	19.04	12.94	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	45319-45490	75RB#0-100RB#0	20.13	14.03	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	44690-44834	100RB#0-50RB#0	23.72	17.62	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	44690-44834	1RB#0-0RB#0	24.65	18.55	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45041-45185	100RB#0-50RB#0	23.28	17.18	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45041-45185	1RB#0-0RB#0	24.56	18.46	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45391-45535	100RB#0-50RB#0	23.18	17.08	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45391-45535	1RB#0-0RB#0	23.95	17.85	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	44690-44834	100RB#0-50RB#0	22.68	16.58	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	44690-44834	1RB#0-0RB#0	24	17.9	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45041-45185	100RB#0-50RB#0	22.26	16.16	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45041-45185	1RB#0-0RB#0	23.67	17.57	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45391-45535	100RB#0-50RB#0	22.22	16.12	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45391-45535	1RB#0-0RB#0	22.89	16.79	30	PASS



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43-43	20MHz-10MHz	64QAM-64QAM	44690-44834	100RB#0-50RB#0	22.67	16.57	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	44690-44834	1RB#0-0RB#0	23.23	17.13	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45041-45185	100RB#0-50RB#0	22.11	16.01	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45041-45185	1RB#0-0RB#0	22.71	16.61	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45391-45535	100RB#0-50RB#0	21.56	15.46	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45391-45535	1RB#0-0RB#0	22.05	15.95	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	44690-44834	100RB#0-50RB#0	20.68	14.58	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	44690-44834	1RB#0-0RB#0	20.13	14.03	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45041-45185	100RB#0-50RB#0	20.29	14.19	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45041-45185	1RB#0-0RB#0	19.72	13.62	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45391-45535	100RB#0-50RB#0	20.19	14.09	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45391-45535	1RB#0-0RB#0	19.1	13	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	44690-44861	100RB#0-75RB#0	23.78	17.68	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	44690-44861	1RB#0-0RB#0	24.7	18.6	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45016-45187	100RB#0-75RB#0	23.47	17.37	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45016-45187	1RB#0-0RB#0	24.62	18.52	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45341-45512	100RB#0-75RB#0	23.15	17.05	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45341-45512	1RB#0-0RB#0	24.05	17.95	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	44690-44861	100RB#0-75RB#0	22.76	16.66	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	44690-44861	1RB#0-0RB#0	24	17.9	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45016-45187	100RB#0-75RB#0	22.47	16.37	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45016-45187	1RB#0-0RB#0	23.97	17.87	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45341-45512	100RB#0-75RB#0	22.13	16.03	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45341-45512	1RB#0-0RB#0	23.33	17.23	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	44690-44861	100RB#0-75RB#0	22.8	16.7	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	44690-44861	1RB#0-0RB#0	23.26	17.16	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45016-45187	100RB#0-75RB#0	22.48	16.38	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45016-45187	1RB#0-0RB#0	23.21	17.11	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45341-45512	100RB#0-75RB#0	22.1	16	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45341-45512	1RB#0-0RB#0	22.57	16.47	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	44690-44861	100RB#0-75RB#0	20.83	14.73	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	44690-44861	1RB#0-0RB#0	20.12	14.02	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	45016-45187	100RB#0-75RB#0	20.52	14.42	30	PASS



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43-43	20MHz-15MHz	256QAM-256QAM	45016-45187	1RB#0-0RB#0	20.13	14.03	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	45341-45512	100RB#0-75RB#0	20.16	14.06	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	45341-45512	1RB#0-0RB#0	19.45	13.35	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44690-44888	100RB#0-100RB#0	23.75	17.65	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44690-44888	1RB#0-0RB#0	24.69	18.59	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44991-45189	100RB#0-100RB#0	23.5	17.4	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44991-45189	1RB#0-0RB#0	24.62	18.52	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	45292-45490	100RB#0-100RB#0	23.11	17.01	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	45292-45490	1RB#0-0RB#0	24.07	17.97	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44690-44888	100RB#0-100RB#0	22.77	16.67	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44690-44888	1RB#0-0RB#0	23.95	17.85	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44991-45189	100RB#0-100RB#0	22.51	16.41	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44991-45189	1RB#0-0RB#0	23.99	17.89	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	45292-45490	100RB#0-100RB#0	22.13	16.03	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	45292-45490	1RB#0-0RB#0	23.43	17.33	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44690-44888	100RB#0-100RB#0	22.81	16.71	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44690-44888	1RB#0-0RB#0	23.26	17.16	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44991-45189	100RB#0-100RB#0	22.51	16.41	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44991-45189	1RB#0-0RB#0	23.27	17.17	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	45292-45490	100RB#0-100RB#0	22.15	16.05	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	45292-45490	1RB#0-0RB#0	22.7	16.6	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44690-44888	100RB#0-100RB#0	20.76	14.66	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44690-44888	1RB#0-0RB#0	20.12	14.02	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44991-45189	100RB#0-100RB#0	20.52	14.42	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44991-45189	1RB#0-0RB#0	20.11	14.01	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	45292-45490	100RB#0-100RB#0	20.14	14.04	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	45292-45490	1RB#0-0RB#0	19.5	13.4	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	44690-44807	100RB#0-25RB#0	23.74	17.64	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	44690-44807	1RB#0-0RB#0	24.73	18.63	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45065-45182	100RB#0-25RB#0	23.22	17.12	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45065-45182	1RB#0-0RB#0	24.44	18.34	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45440-45557	100RB#0-25RB#0	23.03	16.93	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45440-45557	1RB#0-0RB#0	24	17.9	30	PASS



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43-43	20MHz-5MHz	16QAM-16QAM	44690-44807	100RB#0-25RB#0	22.74	16.64	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	44690-44807	1RB#0-0RB#0	24.07	17.97	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45065-45182	100RB#0-25RB#0	22.3	16.2	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45065-45182	1RB#0-0RB#0	23.8	17.7	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45440-45557	100RB#0-25RB#0	22.09	15.99	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45440-45557	1RB#0-0RB#0	23.3	17.2	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	44690-44807	100RB#0-25RB#0	22.74	16.64	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	44690-44807	1RB#0-0RB#0	23.27	17.17	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45065-45182	100RB#0-25RB#0	22.29	16.19	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45065-45182	1RB#0-0RB#0	23.01	16.91	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45440-45557	100RB#0-25RB#0	22.08	15.98	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45440-45557	1RB#0-0RB#0	22.55	16.45	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	44690-44807	100RB#0-25RB#0	20.75	14.65	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	44690-44807	1RB#0-0RB#0	20.14	14.04	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45065-45182	100RB#0-25RB#0	20.29	14.19	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45065-45182	1RB#0-0RB#0	19.95	13.85	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45440-45557	100RB#0-25RB#0	20.13	14.03	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45440-45557	1RB#0-0RB#0	19.26	13.16	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44623-44740	1RB#0-0RB#0	24.75	18.65	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44623-44740	50RB#0-100RB#0	22.25	16.15	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44998-45115	1RB#0-0RB#0	21.86	15.76	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44998-45115	50RB#0-100RB#0	21.93	15.83	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	45373-45490	1RB#0-0RB#0	24	17.9	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	45373-45490	50RB#0-100RB#0	21.53	15.43	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44623-44740	1RB#0-0RB#0	24.09	17.99	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44623-44740	50RB#0-100RB#0	22.47	16.37	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44998-45115	1RB#0-0RB#0	23.92	17.82	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44998-45115	50RB#0-100RB#0	22.16	16.06	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	45373-45490	1RB#0-0RB#0	23.31	17.21	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	45373-45490	50RB#0-100RB#0	21.8	15.7	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44623-44740	1RB#0-0RB#0	23.37	17.27	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44623-44740	50RB#0-100RB#0	22.63	16.53	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44998-45115	1RB#0-0RB#0	23.24	17.14	30	PASS



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43-43	5MHz-20MHz	64QAM-64QAM	44998-45115	50RB#0-100RB#0	22.42	16.32	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	45373-45490	1RB#0-0RB#0	22.58	16.48	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	45373-45490	50RB#0-100RB#0	21.95	15.85	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44623-44740	1RB#0-0RB#0	20.11	14.01	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44623-44740	50RB#0-100RB#0	20.43	14.33	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44998-45115	1RB#0-0RB#0	20.01	13.91	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44998-45115	50RB#0-100RB#0	20.21	14.11	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	45373-45490	1RB#0-0RB#0	19.4	13.3	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	45373-45490	50RB#0-100RB#0	19.79	13.69	30	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	11.10	13	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44690-44888	100RB#0-100RB#0	11.06	13	PASS
43-43	20MHz-20MHz	QPSK-QPSK	45292-45490	100RB#0-100RB#0	11.04	13	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44491-44689	100RB#0-100RB#0	11.30	13	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44690-44888	100RB#0-100RB#0	11.26	13	PASS
43-43	20MHz-20MHz	16QAM-16QAM	45292-45490	100RB#0-100RB#0	11.30	13	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44491-44689	100RB#0-100RB#0	11.34	13	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44690-44888	100RB#0-100RB#0	11.32	13	PASS
43-43	20MHz-20MHz	64QAM-64QAM	45292-45490	100RB#0-100RB#0	11.24	13	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44491-44689	100RB#0-100RB#0	11.36	13	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44690-44888	100RB#0-100RB#0	11.38	13	PASS
43-43	20MHz-20MHz	256QAM-256QAM	45292-45490	100RB#0-100RB#0	11.34	13	PASS



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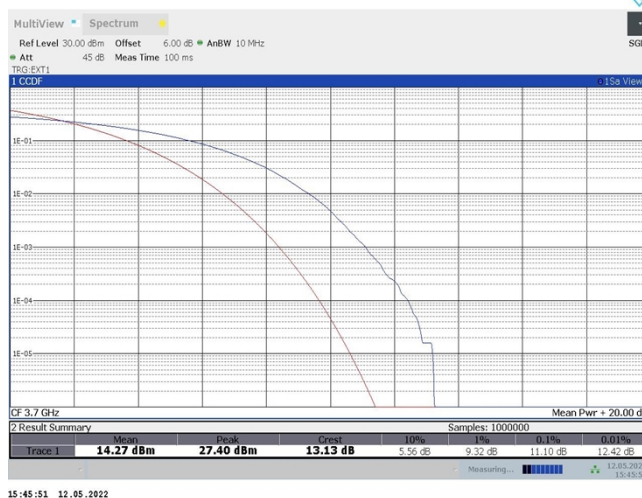
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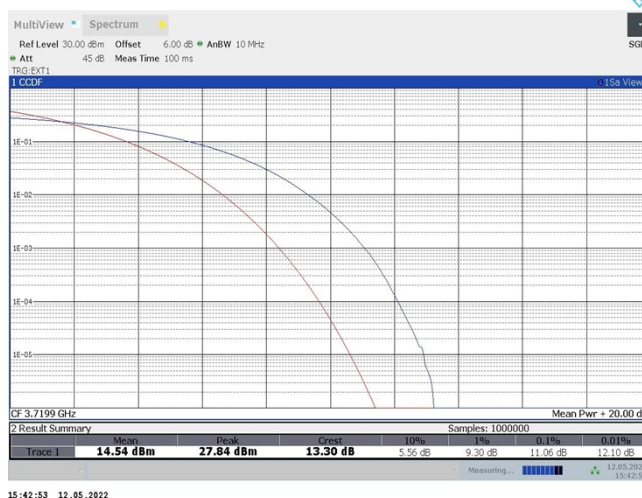
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Test Graphs

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43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-100RB#0-100RB#0



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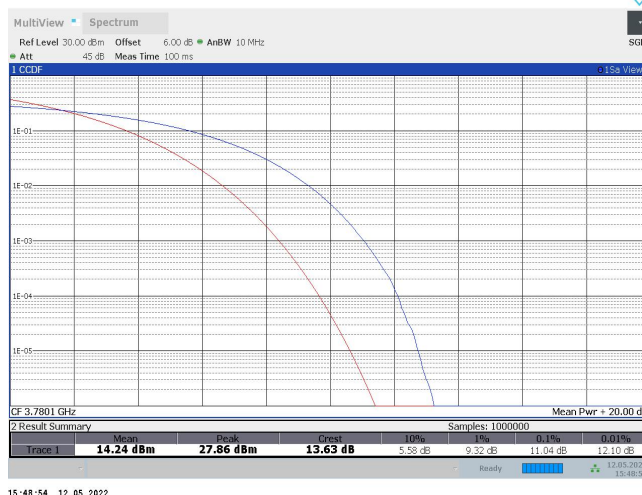
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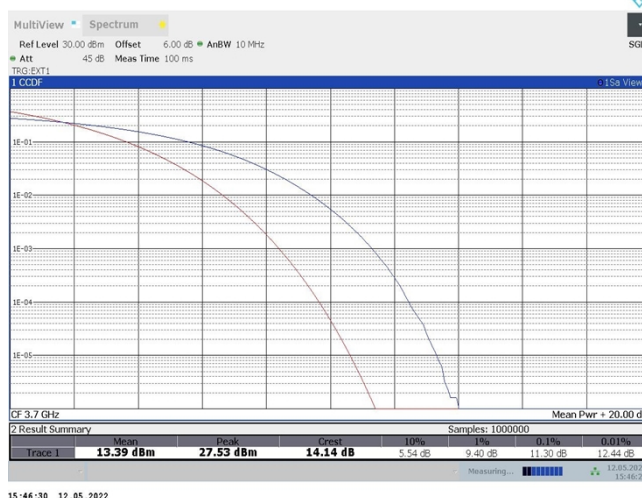
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43-43-20MHz-20MHz-16QAM-16QAM-44491-44689-100RB#0-100RB#0



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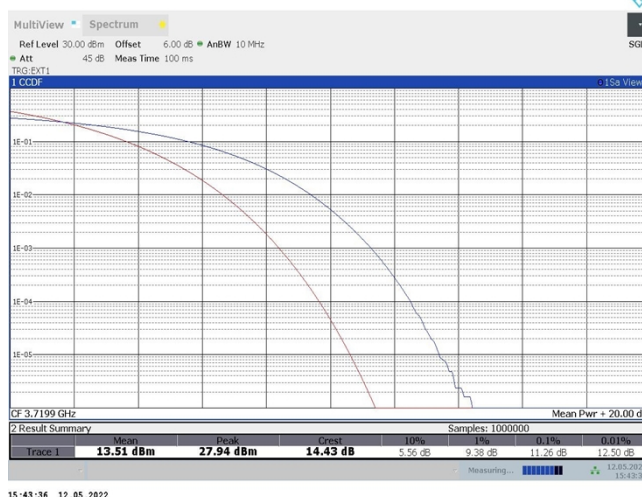
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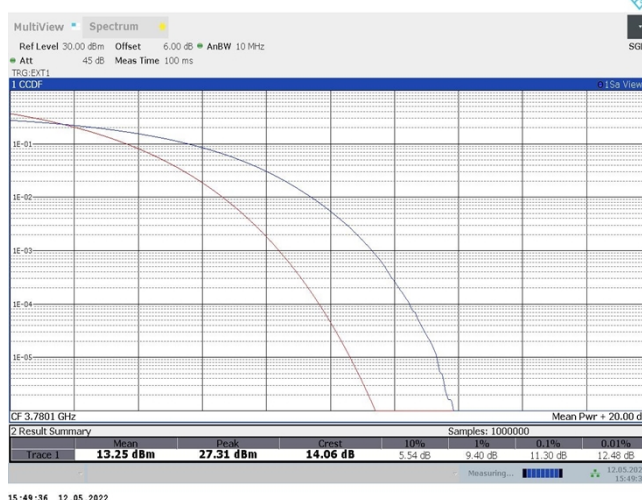
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43-43-20MHz-20MHz-16QAM-16QAM-44690-44888-100RB#0-100RB#0



43-43-20MHz-20MHz-16QAM-16QAM-45292-45490-100RB#0-100RB#0



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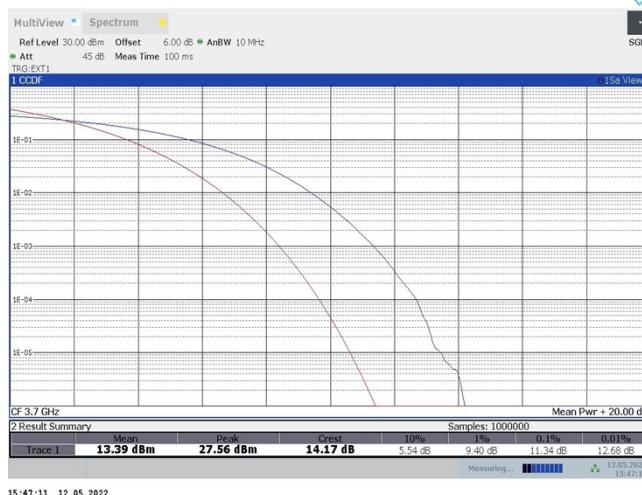
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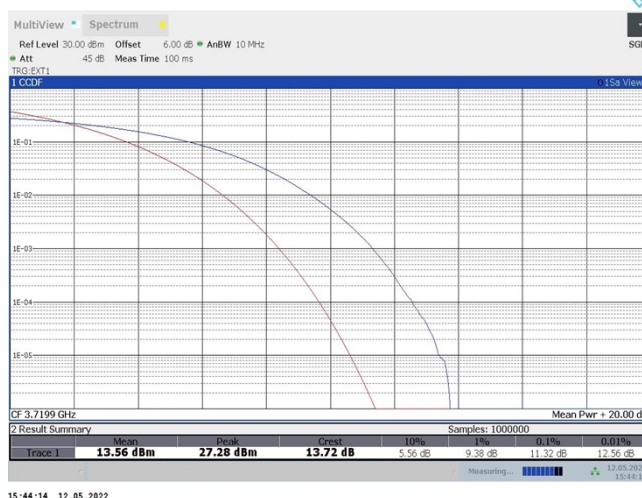
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43-43-20MHz-20MHz-64QAM-64QAM-44690-44888-100RB#0-100RB#0



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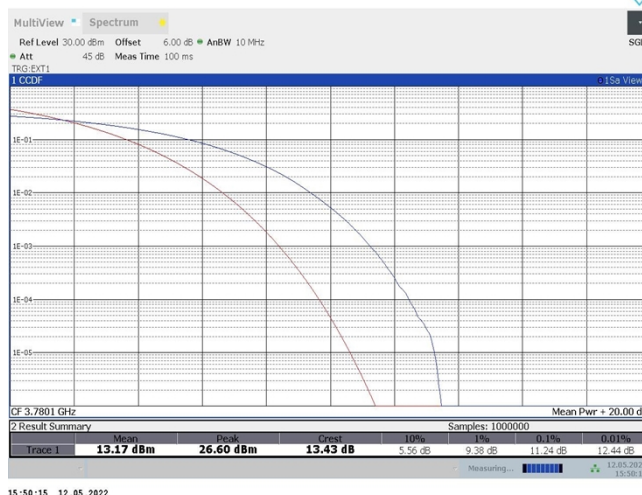
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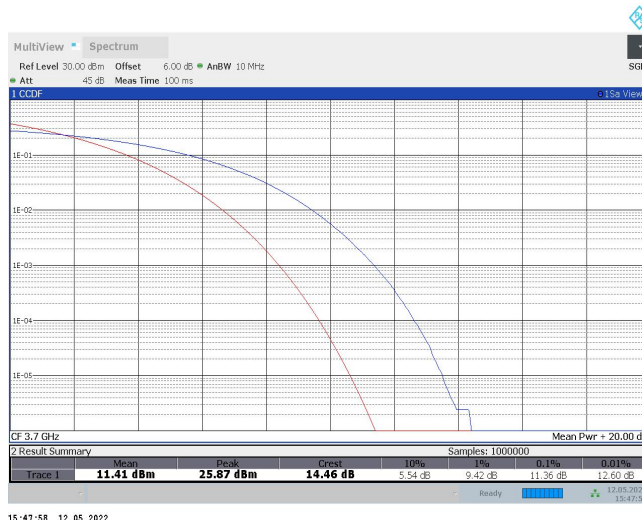
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43-43-20MHz-20MHz-256QAM-256QAM-44491-44689-100RB#0-100RB#0



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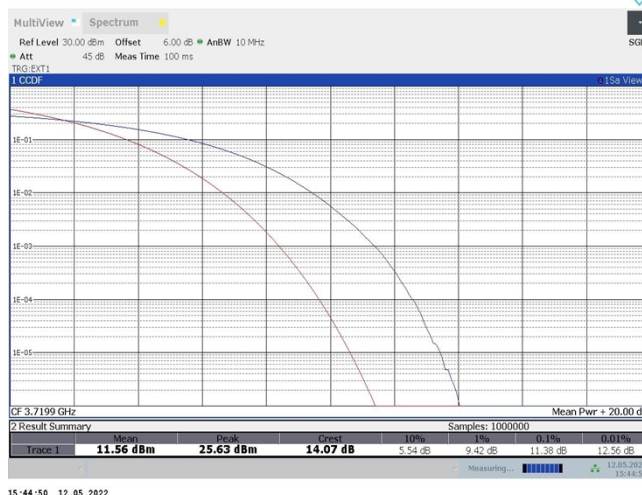
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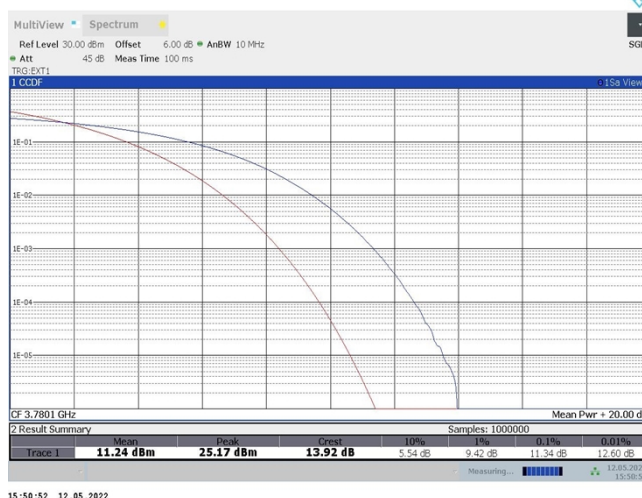
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43-43-20MHz-20MHz-256QAM-256QAM-44690-44888-100RB#0-100RB#0



43-43-20MHz-20MHz-256QAM-256QAM-45292-45490-100RB#0-100RB#0



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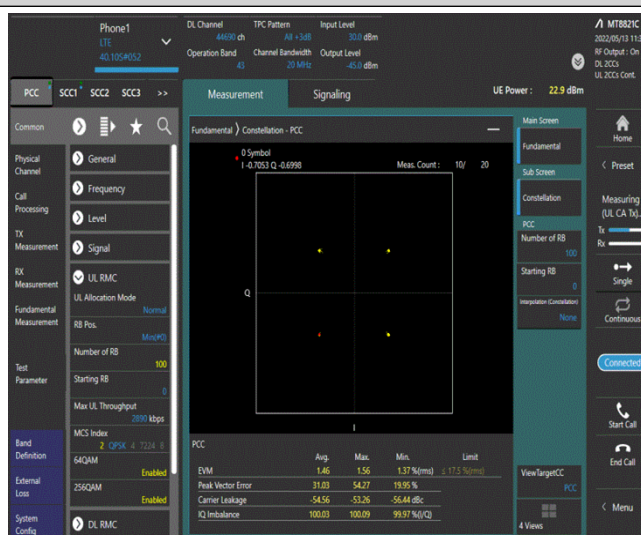
Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Verdict
43-43	20MHz-20MHz	QPSK-QPSK	44690-44888	100RB#0-100RB#0	PASS	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44690-44888	100RB#0-100RB#0	PASS	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44690-44888	100RB#0-100RB#0	PASS	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44690-44888	100RB#0-100RB#0	PASS	PASS

Test Graphs

43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-100RB#0-100RB#0



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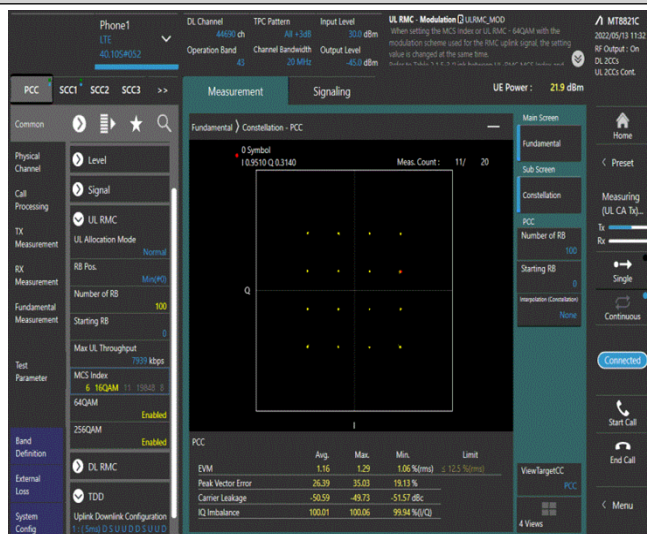
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43-43-20MHz-20MHz-16QAM-16QAM-44690-44888-100RB#0-100RB#0



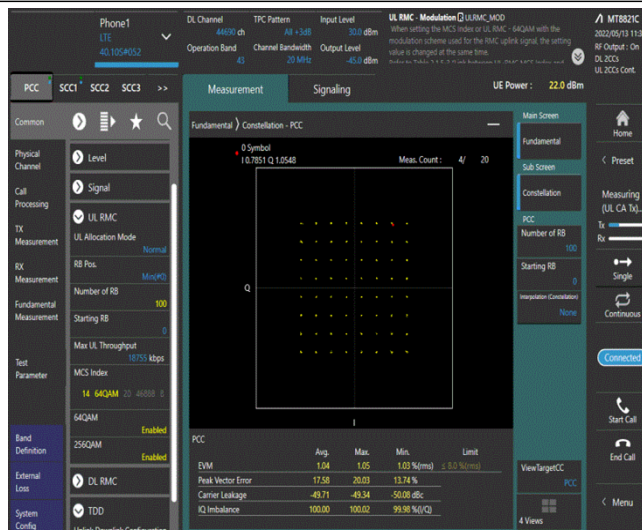
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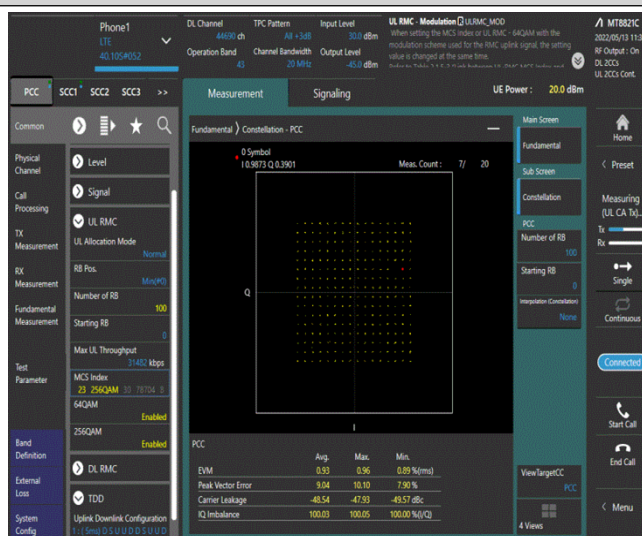
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43-43-20MHz-20MHz-64QAM-64QAM-44690-44888-100RB#0-100RB#0



43-43-20MHz-20MHz-256QAM-256QAM-44690-44888-100RB#0-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
43-43	10MHz-20MHz	QPSK-QPSK	44645-44789	50RB#0-100RB#0	27.900	30.13	PASS
43-43	10MHz-20MHz	QPSK-QPSK	44996-45140	50RB#0-100RB#0	27.616	33.47	PASS
43-43	10MHz-20MHz	QPSK-QPSK	45346-45490	50RB#0-100RB#0	27.694	32.40	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44645-44789	50RB#0-100RB#0	27.876	31.87	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44996-45140	50RB#0-100RB#0	27.807	32.27	PASS
43-43	10MHz-20MHz	16QAM-16QAM	45346-45490	50RB#0-100RB#0	27.852	33.60	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44645-44789	50RB#0-100RB#0	27.842	32.53	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44996-45140	50RB#0-100RB#0	27.852	32.27	PASS
43-43	10MHz-20MHz	64QAM-64QAM	45346-45490	50RB#0-100RB#0	27.967	33.47	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44645-44789	50RB#0-100RB#0	27.873	32.13	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44996-45140	50RB#0-100RB#0	27.899	32.93	PASS
43-43	10MHz-20MHz	256QAM-256QAM	45346-45490	50RB#0-100RB#0	27.918	32.67	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44668-44839	75RB#0-100RB#0	32.527	35.07	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44993-45164	75RB#0-100RB#0	32.526	35.20	PASS
43-43	15MHz-20MHz	QPSK-QPSK	45319-45490	75RB#0-100RB#0	32.723	34.93	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44668-44839	75RB#0-100RB#0	32.675	38.53	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44993-45164	75RB#0-100RB#0	32.661	37.60	PASS
43-43	15MHz-20MHz	16QAM-16QAM	45319-45490	75RB#0-100RB#0	32.688	38.27	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44668-44839	75RB#0-100RB#0	32.592	38.40	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44993-45164	75RB#0-100RB#0	32.636	38.00	PASS
43-43	15MHz-20MHz	64QAM-64QAM	45319-45490	75RB#0-100RB#0	32.594	38.40	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44668-44839	75RB#0-100RB#0	32.672	37.47	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44993-45164	75RB#0-100RB#0	32.588	37.33	PASS
43-43	15MHz-20MHz	256QAM-256QAM	45319-45490	75RB#0-100RB#0	32.705	38.13	PASS
43-43	20MHz-10MHz	QPSK-QPSK	44690-44834	100RB#0-50RB#0	27.800	30.27	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45041-45185	100RB#0-50RB#0	27.884	30.13	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45391-45535	100RB#0-50RB#0	27.947	30.27	PASS
43-43	20MHz-10MHz	16QAM-16QAM	44690-44834	100RB#0-50RB#0	27.906	33.60	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45041-45185	100RB#0-50RB#0	27.961	33.47	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45391-45535	100RB#0-50RB#0	27.973	33.47	PASS
43-43	20MHz-10MHz	64QAM-64QAM	44690-44834	100RB#0-50RB#0	27.937	33.47	PASS



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43-43	20MHz-10MHz	64QAM-64QAM	45041-45185	100RB#0-50RB#0	27.972	32.80	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45391-45535	100RB#0-50RB#0	27.946	34.53	PASS
43-43	20MHz-10MHz	256QAM-256QAM	44690-44834	100RB#0-50RB#0	27.972	32.93	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45041-45185	100RB#0-50RB#0	27.967	32.93	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45391-45535	100RB#0-50RB#0	28.008	34.27	PASS
43-43	20MHz-15MHz	QPSK-QPSK	44690-44861	100RB#0-75RB#0	32.613	35.07	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45016-45187	100RB#0-75RB#0	32.879	34.80	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45341-45512	100RB#0-75RB#0	32.507	38.40	PASS
43-43	20MHz-15MHz	16QAM-16QAM	44690-44861	100RB#0-75RB#0	32.720	37.87	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45016-45187	100RB#0-75RB#0	32.786	36.80	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45341-45512	100RB#0-75RB#0	32.727	36.80	PASS
43-43	20MHz-15MHz	64QAM-64QAM	44690-44861	100RB#0-75RB#0	32.718	37.60	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45016-45187	100RB#0-75RB#0	32.735	37.20	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45341-45512	100RB#0-75RB#0	32.799	37.87	PASS
43-43	20MHz-15MHz	256QAM-256QAM	44690-44861	100RB#0-75RB#0	32.734	36.93	PASS
43-43	20MHz-15MHz	256QAM-256QAM	45016-45187	100RB#0-75RB#0	32.657	41.07	PASS
43-43	20MHz-15MHz	256QAM-256QAM	45341-45512	100RB#0-75RB#0	32.803	37.33	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44991-45189	100RB#0-100RB#0	37.278	39.87	PASS
43-43	20MHz-20MHz	QPSK-QPSK	45292-45490	100RB#0-100RB#0	37.587	40.00	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44991-45189	100RB#0-100RB#0	37.486	42.53	PASS
43-43	20MHz-20MHz	16QAM-16QAM	45292-45490	100RB#0-100RB#0	37.539	42.40	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44991-45189	100RB#0-100RB#0	37.548	40.93	PASS
43-43	20MHz-20MHz	64QAM-64QAM	45292-45490	100RB#0-100RB#0	37.526	42.80	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44991-45189	100RB#0-100RB#0	37.496	43.87	PASS
43-43	20MHz-20MHz	256QAM-256QAM	45292-45490	100RB#0-100RB#0	37.605	43.87	PASS
43-43	20MHz-5MHz	QPSK-QPSK	44690-44807	100RB#0-25RB#0	22.764	24.25	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45065-45182	100RB#0-25RB#0	22.828	24.25	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45440-45557	100RB#0-25RB#0	22.860	24.83	PASS
43-43	20MHz-5MHz	16QAM-16QAM	44690-44807	100RB#0-25RB#0	22.897	26.33	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45065-45182	100RB#0-25RB#0	22.899	26.08	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45440-45557	100RB#0-25RB#0	22.895	26.33	PASS
43-43	20MHz-5MHz	64QAM-64QAM	44690-44807	100RB#0-25RB#0	22.847	25.92	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45065-45182	100RB#0-25RB#0	22.875	27.42	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45440-45557	100RB#0-25RB#0	22.896	26.25	PASS
43-43	20MHz-5MHz	256QAM-256QAM	44690-44807	100RB#0-25RB#0	22.905	25.58	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45065-45182	100RB#0-25RB#0	22.879	26.75	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45440-45557	100RB#0-25RB#0	22.888	27.00	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44623-44740	25RB#0-100RB#0	22.734	24.00	PASS



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43-43	5MHz-20MHz	QPSK-QPSK	44623-44740	25RB#0-100RB#0	22.527	24.08	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44998-45115	25RB#0-100RB#0	22.873	24.08	PASS
43-43	5MHz-20MHz	QPSK-QPSK	45373-45490	25RB#0-100RB#0	22.607	24.00	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44623-44740	25RB#0-100RB#0	22.897	25.08	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44623-44740	25RB#0-100RB#0	22.695	25.67	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44998-45115	25RB#0-100RB#0	22.675	25.08	PASS
43-43	5MHz-20MHz	16QAM-16QAM	45373-45490	25RB#0-100RB#0	22.667	25.33	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44623-44740	25RB#0-100RB#0	22.908	25.17	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44623-44740	25RB#0-100RB#0	22.651	25.00	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44998-45115	25RB#0-100RB#0	22.652	24.58	PASS
43-43	5MHz-20MHz	64QAM-64QAM	45373-45490	25RB#0-100RB#0	22.651	25.08	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44623-44740	25RB#0-100RB#0	22.921	25.17	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44623-44740	25RB#0-100RB#0	22.667	24.75	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44998-45115	25RB#0-100RB#0	22.663	24.75	PASS
43-43	5MHz-20MHz	256QAM-256QAM	45373-45490	25RB#0-100RB#0	22.714	25.25	PASS



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