

## 5.2 RF Output Power Spot-check

15 KHz:

### Appendix 5G NR -n5 - SCS 15KHz

#### 1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n5	15	5	165300	12@6	DFT_BPSK	23.55	-6.8	14.60	38.45	16.75	38.45	PASS
n5	15	5	165300	1@1	DFT_BPSK	23.46	-6.8	14.51	38.45	16.66	38.45	PASS
n5	15	5	165300	1@23	DFT_BPSK	23.52	-6.8	14.57	38.45	16.72	38.45	PASS
n5	15	5	165300	12@6	DFT_QPSK	23.50	-6.8	14.55	38.45	16.70	38.45	PASS
n5	15	5	165300	1@1	DFT_QPSK	23.35	-6.8	14.40	38.45	16.55	38.45	PASS
n5	15	5	165300	1@23	DFT_QPSK	23.33	-6.8	14.38	38.45	16.53	38.45	PASS
n5	15	5	165300	12@6	DFT_QAM16	22.62	-6.8	13.67	38.45	15.82	38.45	PASS
n5	15	5	165300	1@1	DFT_QAM16	22.64	-6.8	13.69	38.45	15.84	38.45	PASS
n5	15	5	165300	1@23	DFT_QAM16	22.66	-6.8	13.71	38.45	15.86	38.45	PASS
n5	15	5	165300	12@6	DFT_QAM64	21.05	-6.8	12.10	38.45	14.25	38.45	PASS
n5	15	5	165300	1@1	DFT_QAM64	21.08	-6.8	12.13	38.45	14.28	38.45	PASS
n5	15	5	165300	1@23	DFT_QAM64	21.36	-6.8	12.41	38.45	14.56	38.45	PASS
n5	15	5	165300	12@6	DFT_QAM256	19.01	-6.8	10.06	38.45	12.21	38.45	PASS
n5	15	5	165300	1@1	DFT_QAM256	19.28	-6.8	10.33	38.45	12.48	38.45	PASS
n5	15	5	165300	1@23	DFT_QAM256	19.19	-6.8	10.24	38.45	12.39	38.45	PASS
n5	15	5	165300	13@6	CP_QPSK	21.94	-6.8	12.99	38.45	15.14	38.45	PASS
n5	15	5	165300	1@1	CP_QPSK	21.84	-6.8	12.89	38.45	15.04	38.45	PASS
n5	15	5	165300	1@23	CP_QPSK	21.79	-6.8	12.84	38.45	14.99	38.45	PASS
n5	15	5	165300	13@6	CP_QAM16	21.38	-6.8	12.43	38.45	14.58	38.45	PASS
n5	15	5	165300	1@1	CP_QAM16	21.72	-6.8	12.77	38.45	14.92	38.45	PASS
n5	15	5	165300	1@23	CP_QAM16	21.67	-6.8	12.72	38.45	14.87	38.45	PASS

n5	15	5	165300	13@6	CP_QAM6 4	19.93	-6.8	10.98	38.45	13.13	38.45	PASS
n5	15	5	165300	1@1	CP_QAM6 4	20.13	-6.8	11.18	38.45	13.33	38.45	PASS
n5	15	5	165300	1@23	CP_QAM6 4	20.14	-6.8	11.19	38.45	13.34	38.45	PASS
n5	15	5	165300	13@6	CP_QAM2 56	16.99	-6.8	8.04	38.45	10.19	38.45	PASS
n5	15	5	165300	1@1	CP_QAM2 56	16.92	-6.8	7.97	38.45	10.12	38.45	PASS
n5	15	5	165300	1@23	CP_QAM2 56	16.58	-6.8	7.63	38.45	9.78	38.45	PASS
n5	15	5	167300	12@6	DFT_BPS K	23.32	-6.8	14.37	38.45	16.52	38.45	PASS
n5	15	5	167300	1@1	DFT_BPS K	23.41	-6.8	14.46	38.45	16.61	38.45	PASS
n5	15	5	167300	1@23	DFT_BPS K	23.21	-6.8	14.26	38.45	16.41	38.45	PASS
n5	15	5	167300	12@6	DFT_QPS K	23.33	-6.8	14.38	38.45	16.53	38.45	PASS
n5	15	5	167300	1@1	DFT_QPS K	23.18	-6.8	14.23	38.45	16.38	38.45	PASS
n5	15	5	167300	1@23	DFT_QPS K	23.07	-6.8	14.12	38.45	16.27	38.45	PASS
n5	15	5	167300	12@6	DFT_QAM 16	22.36	-6.8	13.41	38.45	15.56	38.45	PASS
n5	15	5	167300	1@1	DFT_QAM 16	22.78	-6.8	13.83	38.45	15.98	38.45	PASS
n5	15	5	167300	1@23	DFT_QAM 16	22.55	-6.8	13.60	38.45	15.75	38.45	PASS
n5	15	5	167300	12@6	DFT_QAM 64	20.80	-6.8	11.85	38.45	14.00	38.45	PASS
n5	15	5	167300	1@1	DFT_QAM 64	21.16	-6.8	12.21	38.45	14.36	38.45	PASS
n5	15	5	167300	1@23	DFT_QAM 64	21.06	-6.8	12.11	38.45	14.26	38.45	PASS
n5	15	5	167300	12@6	DFT_QAM 256	18.74	-6.8	9.79	38.45	11.94	38.45	PASS
n5	15	5	167300	1@1	DFT_QAM 256	19.03	-6.8	10.08	38.45	12.23	38.45	PASS
n5	15	5	167300	1@23	DFT_QAM 256	18.98	-6.8	10.03	38.45	12.18	38.45	PASS
n5	15	5	167300	13@6	CP_QPSK	21.69	-6.8	12.74	38.45	14.89	38.45	PASS
n5	15	5	167300	1@1	CP_QPSK	21.81	-6.8	12.86	38.45	15.01	38.45	PASS
n5	15	5	167300	1@23	CP_QPSK	21.47	-6.8	12.52	38.45	14.67	38.45	PASS
n5	15	5	167300	13@6	CP_QAM1 6	21.18	-6.8	12.23	38.45	14.38	38.45	PASS
n5	15	5	167300	1@1	CP_QAM1 6	21.32	-6.8	12.37	38.45	14.52	38.45	PASS
n5	15	5	167300	1@23	CP_QAM1 6	21.07	-6.8	12.12	38.45	14.27	38.45	PASS

n5	15	5	167300	13@6	CP_QAM6 4	19.77	-6.8	10.82	38.45	12.97	38.45	PASS
n5	15	5	167300	1@1	CP_QAM6 4	19.92	-6.8	10.97	38.45	13.12	38.45	PASS
n5	15	5	167300	1@23	CP_QAM6 4	19.69	-6.8	10.74	38.45	12.89	38.45	PASS
n5	15	5	167300	13@6	CP_QAM2 56	16.76	-6.8	7.81	38.45	9.96	38.45	PASS
n5	15	5	167300	1@1	CP_QAM2 56	16.83	-6.8	7.88	38.45	10.03	38.45	PASS
n5	15	5	167300	1@23	CP_QAM2 56	16.37	-6.8	7.42	38.45	9.57	38.45	PASS
n5	15	5	169300	12@6	DFT_BPS K	23.16	-6.8	14.21	38.45	16.36	38.45	PASS
n5	15	5	169300	1@1	DFT_BPS K	23.13	-6.8	14.18	38.45	16.33	38.45	PASS
n5	15	5	169300	1@23	DFT_BPS K	23.06	-6.8	14.11	38.45	16.26	38.45	PASS
n5	15	5	169300	12@6	DFT_QPS K	23.22	-6.8	14.27	38.45	16.42	38.45	PASS
n5	15	5	169300	1@1	DFT_QPS K	22.94	-6.8	13.99	38.45	16.14	38.45	PASS
n5	15	5	169300	1@23	DFT_QPS K	22.97	-6.8	14.02	38.45	16.17	38.45	PASS
n5	15	5	169300	12@6	DFT_QAM 16	22.18	-6.8	13.23	38.45	15.38	38.45	PASS
n5	15	5	169300	1@1	DFT_QAM 16	22.32	-6.8	13.37	38.45	15.52	38.45	PASS
n5	15	5	169300	1@23	DFT_QAM 16	22.30	-6.8	13.35	38.45	15.50	38.45	PASS
n5	15	5	169300	12@6	DFT_QAM 64	20.70	-6.8	11.75	38.45	13.90	38.45	PASS
n5	15	5	169300	1@1	DFT_QAM 64	20.70	-6.8	11.75	38.45	13.90	38.45	PASS
n5	15	5	169300	1@23	DFT_QAM 64	20.70	-6.8	11.75	38.45	13.90	38.45	PASS
n5	15	5	169300	12@6	DFT_QAM 256	18.65	-6.8	9.70	38.45	11.85	38.45	PASS
n5	15	5	169300	1@1	DFT_QAM 256	18.89	-6.8	9.94	38.45	12.09	38.45	PASS
n5	15	5	169300	1@23	DFT_QAM 256	18.90	-6.8	9.95	38.45	12.10	38.45	PASS
n5	15	5	169300	13@6	CP_QPSK	21.58	-6.8	12.63	38.45	14.78	38.45	PASS
n5	15	5	169300	1@1	CP_QPSK	21.47	-6.8	12.52	38.45	14.67	38.45	PASS
n5	15	5	169300	1@23	CP_QPSK	21.37	-6.8	12.42	38.45	14.57	38.45	PASS
n5	15	5	169300	13@6	CP_QAM1 6	20.99	-6.8	12.04	38.45	14.19	38.45	PASS
n5	15	5	169300	1@1	CP_QAM1 6	21.26	-6.8	12.31	38.45	14.46	38.45	PASS
n5	15	5	169300	1@23	CP_QAM1 6	21.11	-6.8	12.16	38.45	14.31	38.45	PASS

n5	15	5	169300	13@6	CP_QAM6 4	19.60	-6.8	10.65	38.45	12.80	38.45	PASS
n5	15	5	169300	1@1	CP_QAM6 4	19.80	-6.8	10.85	38.45	13.00	38.45	PASS
n5	15	5	169300	1@23	CP_QAM6 4	19.77	-6.8	10.82	38.45	12.97	38.45	PASS
n5	15	5	169300	13@6	CP_QAM2 56	16.71	-6.8	7.76	38.45	9.91	38.45	PASS
n5	15	5	169300	1@1	CP_QAM2 56	16.13	-6.8	7.18	38.45	9.33	38.45	PASS
n5	15	5	169300	1@23	CP_QAM2 56	16.59	-6.8	7.64	38.45	9.79	38.45	PASS
n5	15	10	165800	25@12	DFT_BPS K	23.35	-6.8	14.40	38.45	16.55	38.45	PASS
n5	15	10	165800	1@1	DFT_BPS K	23.28	-6.8	14.33	38.45	16.48	38.45	PASS
n5	15	10	165800	1@50	DFT_BPS K	23.17	-6.8	14.22	38.45	16.37	38.45	PASS
n5	15	10	165800	25@12	DFT_QPS K	23.34	-6.8	14.39	38.45	16.54	38.45	PASS
n5	15	10	165800	1@1	DFT_QPS K	23.16	-6.8	14.21	38.45	16.36	38.45	PASS
n5	15	10	165800	1@50	DFT_QPS K	23.12	-6.8	14.17	38.45	16.32	38.45	PASS
n5	15	10	165800	25@12	DFT_QAM 16	22.32	-6.8	13.37	38.45	15.52	38.45	PASS
n5	15	10	165800	1@1	DFT_QAM 16	22.44	-6.8	13.49	38.45	15.64	38.45	PASS
n5	15	10	165800	1@50	DFT_QAM 16	22.52	-6.8	13.57	38.45	15.72	38.45	PASS
n5	15	10	165800	25@12	DFT_QAM 64	20.83	-6.8	11.88	38.45	14.03	38.45	PASS
n5	15	10	165800	1@1	DFT_QAM 64	21.01	-6.8	12.06	38.45	14.21	38.45	PASS
n5	15	10	165800	1@50	DFT_QAM 64	21.05	-6.8	12.10	38.45	14.25	38.45	PASS
n5	15	10	165800	25@12	DFT_QAM 256	18.73	-6.8	9.78	38.45	11.93	38.45	PASS
n5	15	10	165800	1@1	DFT_QAM 256	19.08	-6.8	10.13	38.45	12.28	38.45	PASS
n5	15	10	165800	1@50	DFT_QAM 256	18.96	-6.8	10.01	38.45	12.16	38.45	PASS
n5	15	10	165800	26@13	CP_QPSK	21.79	-6.8	12.84	38.45	14.99	38.45	PASS
n5	15	10	165800	1@1	CP_QPSK	21.60	-6.8	12.65	38.45	14.80	38.45	PASS
n5	15	10	165800	1@50	CP_QPSK	21.44	-6.8	12.49	38.45	14.64	38.45	PASS
n5	15	10	165800	26@13	CP_QAM1 6	21.34	-6.8	12.39	38.45	14.54	38.45	PASS
n5	15	10	165800	1@1	CP_QAM1 6	21.16	-6.8	12.21	38.45	14.36	38.45	PASS
n5	15	10	165800	1@50	CP_QAM1 6	21.12	-6.8	12.17	38.45	14.32	38.45	PASS

n5	15	10	165800	26@13	CP_QAM6 4	19.77	-6.8	10.82	38.45	12.97	38.45	PASS
n5	15	10	165800	1@1	CP_QAM6 4	19.94	-6.8	10.99	38.45	13.14	38.45	PASS
n5	15	10	165800	1@50	CP_QAM6 4	19.74	-6.8	10.79	38.45	12.94	38.45	PASS
n5	15	10	165800	26@13	CP_QAM2 56	16.75	-6.8	7.80	38.45	9.95	38.45	PASS
n5	15	10	165800	1@1	CP_QAM2 56	16.80	-6.8	7.85	38.45	10.00	38.45	PASS
n5	15	10	165800	1@50	CP_QAM2 56	16.29	-6.8	7.34	38.45	9.49	38.45	PASS
n5	15	10	167300	25@12	DFT_BPS K	23.09	-6.8	14.14	38.45	16.29	38.45	PASS
n5	15	10	167300	1@1	DFT_BPS K	23.16	-6.8	14.21	38.45	16.36	38.45	PASS
n5	15	10	167300	1@50	DFT_BPS K	22.89	-6.8	13.94	38.45	16.09	38.45	PASS
n5	15	10	167300	25@12	DFT_QPS K	23.15	-6.8	14.20	38.45	16.35	38.45	PASS
n5	15	10	167300	1@1	DFT_QPS K	23.09	-6.8	14.14	38.45	16.29	38.45	PASS
n5	15	10	167300	1@50	DFT_QPS K	22.79	-6.8	13.84	38.45	15.99	38.45	PASS
n5	15	10	167300	25@12	DFT_QAM 16	22.13	-6.8	13.18	38.45	15.33	38.45	PASS
n5	15	10	167300	1@1	DFT_QAM 16	22.02	-6.8	13.07	38.45	15.22	38.45	PASS
n5	15	10	167300	1@50	DFT_QAM 16	22.15	-6.8	13.20	38.45	15.35	38.45	PASS
n5	15	10	167300	25@12	DFT_QAM 64	20.73	-6.8	11.78	38.45	13.93	38.45	PASS
n5	15	10	167300	1@1	DFT_QAM 64	20.77	-6.8	11.82	38.45	13.97	38.45	PASS
n5	15	10	167300	1@50	DFT_QAM 64	20.47	-6.8	11.52	38.45	13.67	38.45	PASS
n5	15	10	167300	25@12	DFT_QAM 256	18.64	-6.8	9.69	38.45	11.84	38.45	PASS
n5	15	10	167300	1@1	DFT_QAM 256	19.02	-6.8	10.07	38.45	12.22	38.45	PASS
n5	15	10	167300	1@50	DFT_QAM 256	18.54	-6.8	9.59	38.45	11.74	38.45	PASS
n5	15	10	167300	26@13	CP_QPSK	21.55	-6.8	12.60	38.45	14.75	38.45	PASS
n5	15	10	167300	1@1	CP_QPSK	21.58	-6.8	12.63	38.45	14.78	38.45	PASS
n5	15	10	167300	1@50	CP_QPSK	21.34	-6.8	12.39	38.45	14.54	38.45	PASS
n5	15	10	167300	26@13	CP_QAM1 6	21.12	-6.8	12.17	38.45	14.32	38.45	PASS
n5	15	10	167300	1@1	CP_QAM1 6	21.21	-6.8	12.26	38.45	14.41	38.45	PASS
n5	15	10	167300	1@50	CP_QAM1 6	21.02	-6.8	12.07	38.45	14.22	38.45	PASS

n5	15	10	167300	26@13	CP_QAM6 4	19.62	-6.8	10.67	38.45	12.82	38.45	PASS
n5	15	10	167300	1@1	CP_QAM6 4	19.91	-6.8	10.96	38.45	13.11	38.45	PASS
n5	15	10	167300	1@50	CP_QAM6 4	19.75	-6.8	10.80	38.45	12.95	38.45	PASS
n5	15	10	167300	26@13	CP_QAM2 56	16.65	-6.8	7.70	38.45	9.85	38.45	PASS
n5	15	10	167300	1@1	CP_QAM2 56	16.73	-6.8	7.78	38.45	9.93	38.45	PASS
n5	15	10	167300	1@50	CP_QAM2 56	15.97	-6.8	7.02	38.45	9.17	38.45	PASS
n5	15	10	168800	25@12	DFT_BPS K	22.92	-6.8	13.97	38.45	16.12	38.45	PASS
n5	15	10	168800	1@1	DFT_BPS K	22.97	-6.8	14.02	38.45	16.17	38.45	PASS
n5	15	10	168800	1@50	DFT_BPS K	22.96	-6.8	14.01	38.45	16.16	38.45	PASS
n5	15	10	168800	25@12	DFT_QPS K	22.99	-6.8	14.04	38.45	16.19	38.45	PASS
n5	15	10	168800	1@1	DFT_QPS K	22.76	-6.8	13.81	38.45	15.96	38.45	PASS
n5	15	10	168800	1@50	DFT_QPS K	22.78	-6.8	13.83	38.45	15.98	38.45	PASS
n5	15	10	168800	25@12	DFT_QAM 16	22.03	-6.8	13.08	38.45	15.23	38.45	PASS
n5	15	10	168800	1@1	DFT_QAM 16	22.20	-6.8	13.25	38.45	15.40	38.45	PASS
n5	15	10	168800	1@50	DFT_QAM 16	22.18	-6.8	13.23	38.45	15.38	38.45	PASS
n5	15	10	168800	25@12	DFT_QAM 64	20.58	-6.8	11.63	38.45	13.78	38.45	PASS
n5	15	10	168800	1@1	DFT_QAM 64	20.69	-6.8	11.74	38.45	13.89	38.45	PASS
n5	15	10	168800	1@50	DFT_QAM 64	20.84	-6.8	11.89	38.45	14.04	38.45	PASS
n5	15	10	168800	25@12	DFT_QAM 256	18.34	-6.8	9.39	38.45	11.54	38.45	PASS
n5	15	10	168800	1@1	DFT_QAM 256	18.77	-6.8	9.82	38.45	11.97	38.45	PASS
n5	15	10	168800	1@50	DFT_QAM 256	18.76	-6.8	9.81	38.45	11.96	38.45	PASS
n5	15	10	168800	26@13	CP_QPSK	21.47	-6.8	12.52	38.45	14.67	38.45	PASS
n5	15	10	168800	1@1	CP_QPSK	21.28	-6.8	12.33	38.45	14.48	38.45	PASS
n5	15	10	168800	1@50	CP_QPSK	21.37	-6.8	12.42	38.45	14.57	38.45	PASS
n5	15	10	168800	26@13	CP_QAM1 6	21.00	-6.8	12.05	38.45	14.20	38.45	PASS
n5	15	10	168800	1@1	CP_QAM1 6	20.91	-6.8	11.96	38.45	14.11	38.45	PASS
n5	15	10	168800	1@50	CP_QAM1 6	20.94	-6.8	11.99	38.45	14.14	38.45	PASS

n5	15	10	168800	26@13	CP_QAM6 4	19.42	-6.8	10.47	38.45	12.62	38.45	PASS
n5	15	10	168800	1@1	CP_QAM6 4	19.46	-6.8	10.51	38.45	12.66	38.45	PASS
n5	15	10	168800	1@50	CP_QAM6 4	19.60	-6.8	10.65	38.45	12.80	38.45	PASS
n5	15	10	168800	26@13	CP_QAM2 56	16.50	-6.8	7.55	38.45	9.70	38.45	PASS
n5	15	10	168800	1@1	CP_QAM2 56	16.49	-6.8	7.54	38.45	9.69	38.45	PASS
n5	15	10	168800	1@50	CP_QAM2 56	16.06	-6.8	7.11	38.45	9.26	38.45	PASS
n5	15	15	166300	36@18	DFT_BPS K	23.47	-6.8	14.52	38.45	16.67	38.45	PASS
n5	15	15	166300	1@1	DFT_BPS K	23.40	-6.8	14.45	38.45	16.60	38.45	PASS
n5	15	15	166300	1@77	DFT_BPS K	23.14	-6.8	14.19	38.45	16.34	38.45	PASS
n5	15	15	166300	36@18	DFT_QPS K	23.40	-6.8	14.45	38.45	16.60	38.45	PASS
n5	15	15	166300	1@1	DFT_QPS K	23.23	-6.8	14.28	38.45	16.43	38.45	PASS
n5	15	15	166300	1@77	DFT_QPS K	22.90	-6.8	13.95	38.45	16.10	38.45	PASS
n5	15	15	166300	36@18	DFT_QAM 16	22.51	-6.8	13.56	38.45	15.71	38.45	PASS
n5	15	15	166300	1@1	DFT_QAM 16	22.54	-6.8	13.59	38.45	15.74	38.45	PASS
n5	15	15	166300	1@77	DFT_QAM 16	22.26	-6.8	13.31	38.45	15.46	38.45	PASS
n5	15	15	166300	36@18	DFT_QAM 64	20.91	-6.8	11.96	38.45	14.11	38.45	PASS
n5	15	15	166300	1@1	DFT_QAM 64	21.03	-6.8	12.08	38.45	14.23	38.45	PASS
n5	15	15	166300	1@77	DFT_QAM 64	20.90	-6.8	11.95	38.45	14.10	38.45	PASS
n5	15	15	166300	36@18	DFT_QAM 256	18.88	-6.8	9.93	38.45	12.08	38.45	PASS
n5	15	15	166300	1@1	DFT_QAM 256	19.20	-6.8	10.25	38.45	12.40	38.45	PASS
n5	15	15	166300	1@77	DFT_QAM 256	18.90	-6.8	9.95	38.45	12.10	38.45	PASS
n5	15	15	166300	39@19	CP_QPSK	21.91	-6.8	12.96	38.45	15.11	38.45	PASS
n5	15	15	166300	1@1	CP_QPSK	21.64	-6.8	12.69	38.45	14.84	38.45	PASS
n5	15	15	166300	1@77	CP_QPSK	21.45	-6.8	12.50	38.45	14.65	38.45	PASS
n5	15	15	166300	39@19	CP_QAM1 6	21.45	-6.8	12.50	38.45	14.65	38.45	PASS
n5	15	15	166300	1@1	CP_QAM1 6	21.38	-6.8	12.43	38.45	14.58	38.45	PASS
n5	15	15	166300	1@77	CP_QAM1 6	21.03	-6.8	12.08	38.45	14.23	38.45	PASS

n5	15	15	166300	39@19	CP_QAM6 4	19.96	-6.8	11.01	38.45	13.16	38.45	PASS
n5	15	15	166300	1@1	CP_QAM6 4	20.05	-6.8	11.10	38.45	13.25	38.45	PASS
n5	15	15	166300	1@77	CP_QAM6 4	19.77	-6.8	10.82	38.45	12.97	38.45	PASS
n5	15	15	166300	39@19	CP_QAM2 56	16.86	-6.8	7.91	38.45	10.06	38.45	PASS
n5	15	15	166300	1@1	CP_QAM2 56	16.84	-6.8	7.89	38.45	10.04	38.45	PASS
n5	15	15	166300	1@77	CP_QAM2 56	16.23	-6.8	7.28	38.45	9.43	38.45	PASS
n5	15	15	167300	36@18	DFT_BPS K	23.34	-6.8	14.39	38.45	16.54	38.45	PASS
n5	15	15	167300	1@1	DFT_BPS K	23.26	-6.8	14.31	38.45	16.46	38.45	PASS
n5	15	15	167300	1@77	DFT_BPS K	23.03	-6.8	14.08	38.45	16.23	38.45	PASS
n5	15	15	167300	36@18	DFT_QPS K	23.34	-6.8	14.39	38.45	16.54	38.45	PASS
n5	15	15	167300	1@1	DFT_QPS K	23.15	-6.8	14.20	38.45	16.35	38.45	PASS
n5	15	15	167300	1@77	DFT_QPS K	22.90	-6.8	13.95	38.45	16.10	38.45	PASS
n5	15	15	167300	36@18	DFT_QAM 16	22.37	-6.8	13.42	38.45	15.57	38.45	PASS
n5	15	15	167300	1@1	DFT_QAM 16	22.48	-6.8	13.53	38.45	15.68	38.45	PASS
n5	15	15	167300	1@77	DFT_QAM 16	22.25	-6.8	13.30	38.45	15.45	38.45	PASS
n5	15	15	167300	36@18	DFT_QAM 64	20.80	-6.8	11.85	38.45	14.00	38.45	PASS
n5	15	15	167300	1@1	DFT_QAM 64	21.15	-6.8	12.20	38.45	14.35	38.45	PASS
n5	15	15	167300	1@77	DFT_QAM 64	20.61	-6.8	11.66	38.45	13.81	38.45	PASS
n5	15	15	167300	36@18	DFT_QAM 256	18.77	-6.8	9.82	38.45	11.97	38.45	PASS
n5	15	15	167300	1@1	DFT_QAM 256	19.16	-6.8	10.21	38.45	12.36	38.45	PASS
n5	15	15	167300	1@77	DFT_QAM 256	18.72	-6.8	9.77	38.45	11.92	38.45	PASS
n5	15	15	167300	39@19	CP_QPSK	21.80	-6.8	12.85	38.45	15.00	38.45	PASS
n5	15	15	167300	1@1	CP_QPSK	21.72	-6.8	12.77	38.45	14.92	38.45	PASS
n5	15	15	167300	1@77	CP_QPSK	21.34	-6.8	12.39	38.45	14.54	38.45	PASS
n5	15	15	167300	39@19	CP_QAM1 6	21.22	-6.8	12.27	38.45	14.42	38.45	PASS
n5	15	15	167300	1@1	CP_QAM1 6	21.32	-6.8	12.37	38.45	14.52	38.45	PASS
n5	15	15	167300	1@77	CP_QAM1 6	21.35	-6.8	12.40	38.45	14.55	38.45	PASS



n5	15	15	167300	39@19	CP_QAM6 4	19.73	-6.8	10.78	38.45	12.93	38.45	PASS
n5	15	15	167300	1@1	CP_QAM6 4	20.10	-6.8	11.15	38.45	13.30	38.45	PASS
n5	15	15	167300	1@77	CP_QAM6 4	19.79	-6.8	10.84	38.45	12.99	38.45	PASS
n5	15	15	167300	39@19	CP_QAM2 56	16.68	-6.8	7.73	38.45	9.88	38.45	PASS
n5	15	15	167300	1@1	CP_QAM2 56	16.88	-6.8	7.93	38.45	10.08	38.45	PASS
n5	15	15	167300	1@77	CP_QAM2 56	16.50	-6.8	7.55	38.45	9.70	38.45	PASS
n5	15	15	168300	36@18	DFT_BPS K	23.19	-6.8	14.24	38.45	16.39	38.45	PASS
n5	15	15	168300	1@1	DFT_BPS K	23.18	-6.8	14.23	38.45	16.38	38.45	PASS
n5	15	15	168300	1@77	DFT_BPS K	23.01	-6.8	14.06	38.45	16.21	38.45	PASS
n5	15	15	168300	36@18	DFT_QPS K	23.16	-6.8	14.21	38.45	16.36	38.45	PASS
n5	15	15	168300	1@1	DFT_QPS K	23.13	-6.8	14.18	38.45	16.33	38.45	PASS
n5	15	15	168300	1@77	DFT_QPS K	22.93	-6.8	13.98	38.45	16.13	38.45	PASS
n5	15	15	168300	36@18	DFT_QAM 16	22.24	-6.8	13.29	38.45	15.44	38.45	PASS
n5	15	15	168300	1@1	DFT_QAM 16	22.46	-6.8	13.51	38.45	15.66	38.45	PASS
n5	15	15	168300	1@77	DFT_QAM 16	22.14	-6.8	13.19	38.45	15.34	38.45	PASS
n5	15	15	168300	36@18	DFT_QAM 64	20.64	-6.8	11.69	38.45	13.84	38.45	PASS
n5	15	15	168300	1@1	DFT_QAM 64	21.16	-6.8	12.21	38.45	14.36	38.45	PASS
n5	15	15	168300	1@77	DFT_QAM 64	20.83	-6.8	11.88	38.45	14.03	38.45	PASS
n5	15	15	168300	36@18	DFT_QAM 256	18.57	-6.8	9.62	38.45	11.77	38.45	PASS
n5	15	15	168300	1@1	DFT_QAM 256	19.02	-6.8	10.07	38.45	12.22	38.45	PASS
n5	15	15	168300	1@77	DFT_QAM 256	18.84	-6.8	9.89	38.45	12.04	38.45	PASS
n5	15	15	168300	39@19	CP_QPSK	21.63	-6.8	12.68	38.45	14.83	38.45	PASS
n5	15	15	168300	1@1	CP_QPSK	21.69	-6.8	12.74	38.45	14.89	38.45	PASS
n5	15	15	168300	1@77	CP_QPSK	21.39	-6.8	12.44	38.45	14.59	38.45	PASS
n5	15	15	168300	39@19	CP_QAM1 6	21.11	-6.8	12.16	38.45	14.31	38.45	PASS
n5	15	15	168300	1@1	CP_QAM1 6	21.50	-6.8	12.55	38.45	14.70	38.45	PASS
n5	15	15	168300	1@77	CP_QAM1 6	21.29	-6.8	12.34	38.45	14.49	38.45	PASS

n5	15	15	168300	39@19	CP_QAM6 4	19.62	-6.8	10.67	38.45	12.82	38.45	PASS
n5	15	15	168300	1@1	CP_QAM6 4	19.98	-6.8	11.03	38.45	13.18	38.45	PASS
n5	15	15	168300	1@77	CP_QAM6 4	19.72	-6.8	10.77	38.45	12.92	38.45	PASS
n5	15	15	168300	39@19	CP_QAM2 56	16.57	-6.8	7.62	38.45	9.77	38.45	PASS
n5	15	15	168300	1@1	CP_QAM2 56	16.74	-6.8	7.79	38.45	9.94	38.45	PASS
n5	15	15	168300	1@77	CP_QAM2 56	16.59	-6.8	7.64	38.45	9.79	38.45	PASS
n5	15	20	166800	50@25	DFT_BPS K	23.39	-6.8	14.44	38.45	16.59	38.45	PASS
n5	15	20	166800	1@1	DFT_BPS K	23.38	-6.8	14.43	38.45	16.58	38.45	PASS
n5	15	20	166800	1@104	DFT_BPS K	22.95	-6.8	14.00	38.45	16.15	38.45	PASS
n5	15	20	166800	50@25	DFT_QPS K	23.35	-6.8	14.40	38.45	16.55	38.45	PASS
n5	15	20	166800	1@1	DFT_QPS K	23.18	-6.8	14.23	38.45	16.38	38.45	PASS
n5	15	20	166800	1@104	DFT_QPS K	22.80	-6.8	13.85	38.45	16.00	38.45	PASS
n5	15	20	166800	50@25	DFT_QAM 16	22.35	-6.8	13.40	38.45	15.55	38.45	PASS
n5	15	20	166800	1@1	DFT_QAM 16	22.50	-6.8	13.55	38.45	15.70	38.45	PASS
n5	15	20	166800	1@104	DFT_QAM 16	22.23	-6.8	13.28	38.45	15.43	38.45	PASS
n5	15	20	166800	50@25	DFT_QAM 64	20.85	-6.8	11.90	38.45	14.05	38.45	PASS
n5	15	20	166800	1@1	DFT_QAM 64	21.21	-6.8	12.26	38.45	14.41	38.45	PASS
n5	15	20	166800	1@104	DFT_QAM 64	20.83	-6.8	11.88	38.45	14.03	38.45	PASS
n5	15	20	166800	50@25	DFT_QAM 256	18.83	-6.8	9.88	38.45	12.03	38.45	PASS
n5	15	20	166800	1@1	DFT_QAM 256	19.18	-6.8	10.23	38.45	12.38	38.45	PASS
n5	15	20	166800	1@104	DFT_QAM 256	18.75	-6.8	9.80	38.45	11.95	38.45	PASS
n5	15	20	166800	53@26	CP_QPSK	21.83	-6.8	12.88	38.45	15.03	38.45	PASS
n5	15	20	166800	1@1	CP_QPSK	21.77	-6.8	12.82	38.45	14.97	38.45	PASS
n5	15	20	166800	1@104	CP_QPSK	21.45	-6.8	12.50	38.45	14.65	38.45	PASS
n5	15	20	166800	53@26	CP_QAM1 6	21.36	-6.8	12.41	38.45	14.56	38.45	PASS
n5	15	20	166800	1@1	CP_QAM1 6	21.31	-6.8	12.36	38.45	14.51	38.45	PASS
n5	15	20	166800	1@104	CP_QAM1 6	20.95	-6.8	12.00	38.45	14.15	38.45	PASS

n5	15	20	166800	53@26	CP_QAM6 4	19.81	-6.8	10.86	38.45	13.01	38.45	PASS
n5	15	20	166800	1@1	CP_QAM6 4	20.02	-6.8	11.07	38.45	13.22	38.45	PASS
n5	15	20	166800	1@104	CP_QAM6 4	19.71	-6.8	10.76	38.45	12.91	38.45	PASS
n5	15	20	166800	53@26	CP_QAM2 56	16.85	-6.8	7.90	38.45	10.05	38.45	PASS
n5	15	20	166800	1@1	CP_QAM2 56	16.81	-6.8	7.86	38.45	10.01	38.45	PASS
n5	15	20	166800	1@104	CP_QAM2 56	16.48	-6.8	7.53	38.45	9.68	38.45	PASS
n5	15	20	167300	50@25	DFT_BPS K	23.28	-6.8	14.33	38.45	16.48	38.45	PASS
n5	15	20	167300	1@1	DFT_BPS K	23.31	-6.8	14.36	38.45	16.51	38.45	PASS
n5	15	20	167300	1@104	DFT_BPS K	23.02	-6.8	14.07	38.45	16.22	38.45	PASS
n5	15	20	167300	50@25	DFT_QPS K	23.30	-6.8	14.35	38.45	16.50	38.45	PASS
n5	15	20	167300	1@1	DFT_QPS K	23.14	-6.8	14.19	38.45	16.34	38.45	PASS
n5	15	20	167300	1@104	DFT_QPS K	22.80	-6.8	13.85	38.45	16.00	38.45	PASS
n5	15	20	167300	50@25	DFT_QAM 16	22.33	-6.8	13.38	38.45	15.53	38.45	PASS
n5	15	20	167300	1@1	DFT_QAM 16	22.49	-6.8	13.54	38.45	15.69	38.45	PASS
n5	15	20	167300	1@104	DFT_QAM 16	21.86	-6.8	12.91	38.45	15.06	38.45	PASS
n5	15	20	167300	50@25	DFT_QAM 64	20.70	-6.8	11.75	38.45	13.90	38.45	PASS
n5	15	20	167300	1@1	DFT_QAM 64	20.97	-6.8	12.02	38.45	14.17	38.45	PASS
n5	15	20	167300	1@104	DFT_QAM 64	20.56	-6.8	11.61	38.45	13.76	38.45	PASS
n5	15	20	167300	50@25	DFT_QAM 256	18.79	-6.8	9.84	38.45	11.99	38.45	PASS
n5	15	20	167300	1@1	DFT_QAM 256	19.06	-6.8	10.11	38.45	12.26	38.45	PASS
n5	15	20	167300	1@104	DFT_QAM 256	18.69	-6.8	9.74	38.45	11.89	38.45	PASS
n5	15	20	167300	53@26	CP_QPSK	21.75	-6.8	12.80	38.45	14.95	38.45	PASS
n5	15	20	167300	1@1	CP_QPSK	21.74	-6.8	12.79	38.45	14.94	38.45	PASS
n5	15	20	167300	1@104	CP_QPSK	21.23	-6.8	12.28	38.45	14.43	38.45	PASS
n5	15	20	167300	53@26	CP_QAM1 6	21.22	-6.8	12.27	38.45	14.42	38.45	PASS
n5	15	20	167300	1@1	CP_QAM1 6	21.37	-6.8	12.42	38.45	14.57	38.45	PASS
n5	15	20	167300	1@104	CP_QAM1 6	21.10	-6.8	12.15	38.45	14.30	38.45	PASS

n5	15	20	167300	53@26	CP_QAM6 4	19.75	-6.8	10.80	38.45	12.95	38.45	PASS
n5	15	20	167300	1@1	CP_QAM6 4	20.18	-6.8	11.23	38.45	13.38	38.45	PASS
n5	15	20	167300	1@104	CP_QAM6 4	19.73	-6.8	10.78	38.45	12.93	38.45	PASS
n5	15	20	167300	53@26	CP_QAM2 56	16.75	-6.8	7.80	38.45	9.95	38.45	PASS
n5	15	20	167300	1@1	CP_QAM2 56	16.37	-6.8	7.42	38.45	9.57	38.45	PASS
n5	15	20	167300	1@104	CP_QAM2 56	16.55	-6.8	7.60	38.45	9.75	38.45	PASS
n5	15	20	167800	50@25	DFT_BPS K	23.18	-6.8	14.23	38.45	16.38	38.45	PASS
n5	15	20	167800	1@1	DFT_BPS K	23.17	-6.8	14.22	38.45	16.37	38.45	PASS
n5	15	20	167800	1@104	DFT_BPS K	22.96	-6.8	14.01	38.45	16.16	38.45	PASS
n5	15	20	167800	50@25	DFT_QPS K	23.28	-6.8	14.33	38.45	16.48	38.45	PASS
n5	15	20	167800	1@1	DFT_QPS K	23.11	-6.8	14.16	38.45	16.31	38.45	PASS
n5	15	20	167800	1@104	DFT_QPS K	22.86	-6.8	13.91	38.45	16.06	38.45	PASS
n5	15	20	167800	50@25	DFT_QAM 16	22.19	-6.8	13.24	38.45	15.39	38.45	PASS
n5	15	20	167800	1@1	DFT_QAM 16	22.17	-6.8	13.22	38.45	15.37	38.45	PASS
n5	15	20	167800	1@104	DFT_QAM 16	22.20	-6.8	13.25	38.45	15.40	38.45	PASS
n5	15	20	167800	50@25	DFT_QAM 64	20.74	-6.8	11.79	38.45	13.94	38.45	PASS
n5	15	20	167800	1@1	DFT_QAM 64	20.88	-6.8	11.93	38.45	14.08	38.45	PASS
n5	15	20	167800	1@104	DFT_QAM 64	20.85	-6.8	11.90	38.45	14.05	38.45	PASS
n5	15	20	167800	50@25	DFT_QAM 256	18.74	-6.8	9.79	38.45	11.94	38.45	PASS
n5	15	20	167800	1@1	DFT_QAM 256	19.03	-6.8	10.08	38.45	12.23	38.45	PASS
n5	15	20	167800	1@104	DFT_QAM 256	18.78	-6.8	9.83	38.45	11.98	38.45	PASS
n5	15	20	167800	53@26	CP_QPSK	21.68	-6.8	12.73	38.45	14.88	38.45	PASS
n5	15	20	167800	1@1	CP_QPSK	21.60	-6.8	12.65	38.45	14.80	38.45	PASS
n5	15	20	167800	1@104	CP_QPSK	21.41	-6.8	12.46	38.45	14.61	38.45	PASS
n5	15	20	167800	53@26	CP_QAM1 6	21.13	-6.8	12.18	38.45	14.33	38.45	PASS
n5	15	20	167800	1@1	CP_QAM1 6	21.37	-6.8	12.42	38.45	14.57	38.45	PASS
n5	15	20	167800	1@104	CP_QAM1 6	20.97	-6.8	12.02	38.45	14.17	38.45	PASS

n5	15	20	167800	53@26	CP_QAM6 4	19.68	-6.8	10.73	38.45	12.88	38.45	PASS
n5	15	20	167800	1@1	CP_QAM6 4	20.02	-6.8	11.07	38.45	13.22	38.45	PASS
n5	15	20	167800	1@104	CP_QAM6 4	19.74	-6.8	10.79	38.45	12.94	38.45	PASS
n5	15	20	167800	53@26	CP_QAM2 56	16.69	-6.8	7.74	38.45	9.89	38.45	PASS
n5	15	20	167800	1@1	CP_QAM2 56	16.73	-6.8	7.78	38.45	9.93	38.45	PASS
n5	15	20	167800	1@104	CP_QAM2 56	15.91	-6.8	6.96	38.45	9.11	38.45	PASS

Appendix 5G NR -n7 - SCS 15KHz

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n7	15	5	500500	12@6	DFT_BPSK	22.15	-3.76	16.24	33.01	18.39	33.01	PASS
n7	15	5	500500	1@1	DFT_BPSK	22.27	-3.76	16.36	33.01	18.51	33.01	PASS
n7	15	5	500500	1@23	DFT_BPSK	22.16	-3.76	16.25	33.01	18.40	33.01	PASS
n7	15	5	500500	12@6	DFT_QPSK	22.20	-3.76	16.29	33.01	18.44	33.01	PASS
n7	15	5	500500	1@1	DFT_QPSK	22.10	-3.76	16.19	33.01	18.34	33.01	PASS
n7	15	5	500500	1@23	DFT_QPSK	22.06	-3.76	16.15	33.01	18.30	33.01	PASS
n7	15	5	500500	12@6	DFT_QAM16	21.23	-3.76	15.32	33.01	17.47	33.01	PASS
n7	15	5	500500	1@1	DFT_QAM16	21.39	-3.76	15.48	33.01	17.63	33.01	PASS
n7	15	5	500500	1@23	DFT_QAM16	20.91	-3.76	15.00	33.01	17.15	33.01	PASS
n7	15	5	500500	12@6	DFT_QAM64	19.68	-3.76	13.77	33.01	15.92	33.01	PASS
n7	15	5	500500	1@1	DFT_QAM64	19.68	-3.76	13.77	33.01	15.92	33.01	PASS
n7	15	5	500500	1@23	DFT_QAM64	19.90	-3.76	13.99	33.01	16.14	33.01	PASS
n7	15	5	500500	12@6	DFT_QAM256	17.72	-3.76	11.81	33.01	13.96	33.01	PASS
n7	15	5	500500	1@1	DFT_QAM256	17.64	-3.76	11.73	33.01	13.88	33.01	PASS
n7	15	5	500500	1@23	DFT_QAM256	17.36	-3.76	11.45	33.01	13.60	33.01	PASS
n7	15	5	500500	13@6	CP_QPSK	20.72	-3.76	14.81	33.01	16.96	33.01	PASS
n7	15	5	500500	1@1	CP_QPSK	20.58	-3.76	14.67	33.01	16.82	33.01	PASS
n7	15	5	500500	1@23	CP_QPSK	20.63	-3.76	14.72	33.01	16.87	33.01	PASS
n7	15	5	500500	13@6	CP_QAM16	20.25	-3.76	14.34	33.01	16.49	33.01	PASS
n7	15	5	500500	1@1	CP_QAM16	20.16	-3.76	14.25	33.01	16.40	33.01	PASS
n7	15	5	500500	1@23	CP_QAM16	20.27	-3.76	14.36	33.01	16.51	33.01	PASS
n7	15	5	500500	13@6	CP_QAM64	18.53	-3.76	12.62	33.01	14.77	33.01	PASS
n7	15	5	500500	1@1	CP_QAM64	18.38	-3.76	12.47	33.01	14.62	33.01	PASS
n7	15	5	500500	1@23	CP_QAM64	18.88	-3.76	12.97	33.01	15.12	33.01	PASS
n7	15	5	500500	13@6	CP_QAM256	15.72	-3.76	9.81	33.01	11.96	33.01	PASS
n7	15	5	500500	1@1	CP_QAM256	15.50	-3.76	9.59	33.01	11.74	33.01	PASS

n7	15	5	500500	1@23	CP_QAM25 6	15.59	-3.76	9.68	33.01	11.83	33.01	PASS
n7	15	5	507000	12@6	DFT_BPSK	21.87	-3.76	15.96	33.01	18.11	33.01	PASS
n7	15	5	507000	1@1	DFT_BPSK	21.90	-3.76	15.99	33.01	18.14	33.01	PASS
n7	15	5	507000	1@23	DFT_BPSK	21.91	-3.76	16.00	33.01	18.15	33.01	PASS
n7	15	5	507000	12@6	DFT_QPSK	21.92	-3.76	16.01	33.01	18.16	33.01	PASS
n7	15	5	507000	1@1	DFT_QPSK	21.76	-3.76	15.85	33.01	18.00	33.01	PASS
n7	15	5	507000	1@23	DFT_QPSK	21.72	-3.76	15.81	33.01	17.96	33.01	PASS
n7	15	5	507000	12@6	DFT_QAM1 6	20.93	-3.76	15.02	33.01	17.17	33.01	PASS
n7	15	5	507000	1@1	DFT_QAM1 6	20.69	-3.76	14.78	33.01	16.93	33.01	PASS
n7	15	5	507000	1@23	DFT_QAM1 6	20.67	-3.76	14.76	33.01	16.91	33.01	PASS
n7	15	5	507000	12@6	DFT_QAM6 4	19.51	-3.76	13.60	33.01	15.75	33.01	PASS
n7	15	5	507000	1@1	DFT_QAM6 4	19.56	-3.76	13.65	33.01	15.80	33.01	PASS
n7	15	5	507000	1@23	DFT_QAM6 4	19.81	-3.76	13.90	33.01	16.05	33.01	PASS
n7	15	5	507000	12@6	DFT_QAM2 56	17.49	-3.76	11.58	33.01	13.73	33.01	PASS
n7	15	5	507000	1@1	DFT_QAM2 56	17.20	-3.76	11.29	33.01	13.44	33.01	PASS
n7	15	5	507000	1@23	DFT_QAM2 56	17.10	-3.76	11.19	33.01	13.34	33.01	PASS
n7	15	5	507000	13@6	CP_QPSK	20.36	-3.76	14.45	33.01	16.60	33.01	PASS
n7	15	5	507000	1@1	CP_QPSK	20.46	-3.76	14.55	33.01	16.70	33.01	PASS
n7	15	5	507000	1@23	CP_QPSK	20.39	-3.76	14.48	33.01	16.63	33.01	PASS
n7	15	5	507000	13@6	CP_QAM16	19.95	-3.76	14.04	33.01	16.19	33.01	PASS
n7	15	5	507000	1@1	CP_QAM16	20.07	-3.76	14.16	33.01	16.31	33.01	PASS
n7	15	5	507000	1@23	CP_QAM16	19.91	-3.76	14.00	33.01	16.15	33.01	PASS
n7	15	5	507000	13@6	CP_QAM64	18.37	-3.76	12.46	33.01	14.61	33.01	PASS
n7	15	5	507000	1@1	CP_QAM64	18.28	-3.76	12.37	33.01	14.52	33.01	PASS
n7	15	5	507000	1@23	CP_QAM64	18.19	-3.76	12.28	33.01	14.43	33.01	PASS
n7	15	5	507000	13@6	CP_QAM25 6	15.60	-3.76	9.69	33.01	11.84	33.01	PASS
n7	15	5	507000	1@1	CP_QAM25 6	15.51	-3.76	9.60	33.01	11.75	33.01	PASS
n7	15	5	507000	1@23	CP_QAM25 6	15.45	-3.76	9.54	33.01	11.69	33.01	PASS
n7	15	5	513500	12@6	DFT_BPSK	21.99	-3.76	16.08	33.01	18.23	33.01	PASS
n7	15	5	513500	1@1	DFT_BPSK	21.99	-3.76	16.08	33.01	18.23	33.01	PASS
n7	15	5	513500	1@23	DFT_BPSK	21.85	-3.76	15.94	33.01	18.09	33.01	PASS
n7	15	5	513500	12@6	DFT_QPSK	22.02	-3.76	16.11	33.01	18.26	33.01	PASS
n7	15	5	513500	1@1	DFT_QPSK	21.89	-3.76	15.98	33.01	18.13	33.01	PASS

n7	15	5	513500	1@23	DFT_QPSK	21.81	-3.76	15.90	33.01	18.05	33.01	PASS
n7	15	5	513500	12@6	DFT_QAM1 6	20.95	-3.76	15.04	33.01	17.19	33.01	PASS
n7	15	5	513500	1@1	DFT_QAM1 6	20.87	-3.76	14.96	33.01	17.11	33.01	PASS
n7	15	5	513500	1@23	DFT_QAM1 6	20.67	-3.76	14.76	33.01	16.91	33.01	PASS
n7	15	5	513500	12@6	DFT_QAM6 4	19.55	-3.76	13.64	33.01	15.79	33.01	PASS
n7	15	5	513500	1@1	DFT_QAM6 4	19.73	-3.76	13.82	33.01	15.97	33.01	PASS
n7	15	5	513500	1@23	DFT_QAM6 4	19.45	-3.76	13.54	33.01	15.69	33.01	PASS
n7	15	5	513500	12@6	DFT_QAM2 56	17.46	-3.76	11.55	33.01	13.70	33.01	PASS
n7	15	5	513500	1@1	DFT_QAM2 56	17.49	-3.76	11.58	33.01	13.73	33.01	PASS
n7	15	5	513500	1@23	DFT_QAM2 56	17.17	-3.76	11.26	33.01	13.41	33.01	PASS
n7	15	5	513500	13@6	CP_QPSK	20.49	-3.76	14.58	33.01	16.73	33.01	PASS
n7	15	5	513500	1@1	CP_QPSK	20.37	-3.76	14.46	33.01	16.61	33.01	PASS
n7	15	5	513500	1@23	CP_QPSK	20.39	-3.76	14.48	33.01	16.63	33.01	PASS
n7	15	5	513500	13@6	CP_QAM16	19.98	-3.76	14.07	33.01	16.22	33.01	PASS
n7	15	5	513500	1@1	CP_QAM16	20.05	-3.76	14.14	33.01	16.29	33.01	PASS
n7	15	5	513500	1@23	CP_QAM16	20.02	-3.76	14.11	33.01	16.26	33.01	PASS
n7	15	5	513500	13@6	CP_QAM64	18.43	-3.76	12.52	33.01	14.67	33.01	PASS
n7	15	5	513500	1@1	CP_QAM64	18.11	-3.76	12.20	33.01	14.35	33.01	PASS
n7	15	5	513500	1@23	CP_QAM64	18.10	-3.76	12.19	33.01	14.34	33.01	PASS
n7	15	5	513500	13@6	CP_QAM25 6	15.62	-3.76	9.71	33.01	11.86	33.01	PASS
n7	15	5	513500	1@1	CP_QAM25 6	15.55	-3.76	9.64	33.01	11.79	33.01	PASS
n7	15	5	513500	1@23	CP_QAM25 6	15.45	-3.76	9.54	33.01	11.69	33.01	PASS
n7	15	10	501000	25@12	DFT_BPSK	22.06	-3.76	16.15	33.01	18.30	33.01	PASS
n7	15	10	501000	1@1	DFT_BPSK	22.03	-3.76	16.12	33.01	18.27	33.01	PASS
n7	15	10	501000	1@50	DFT_BPSK	21.94	-3.76	16.03	33.01	18.18	33.01	PASS
n7	15	10	501000	25@12	DFT_QPSK	22.04	-3.76	16.13	33.01	18.28	33.01	PASS
n7	15	10	501000	1@1	DFT_QPSK	21.92	-3.76	16.01	33.01	18.16	33.01	PASS
n7	15	10	501000	1@50	DFT_QPSK	21.88	-3.76	15.97	33.01	18.12	33.01	PASS
n7	15	10	501000	25@12	DFT_QAM1 6	20.90	-3.76	14.99	33.01	17.14	33.01	PASS
n7	15	10	501000	1@1	DFT_QAM1 6	20.92	-3.76	15.01	33.01	17.16	33.01	PASS
n7	15	10	501000	1@50	DFT_QAM1 6	20.87	-3.76	14.96	33.01	17.11	33.01	PASS
n7	15	10	501000	25@12	DFT_QAM6	19.45	-3.76	13.54	33.01	15.69	33.01	PASS



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n7	15	10	501000	1@1	DFT_QAM6 4	19.54	-3.76	13.63	33.01	15.78	33.01	PASS	
n7	15	10	501000	1@50	DFT_QAM6 4	19.51	-3.76	13.60	33.01	15.75	33.01	PASS	
n7	15	10	501000	25@12	DFT_QAM2 56	17.45	-3.76	11.54	33.01	13.69	33.01	PASS	
n7	15	10	501000	1@1	DFT_QAM2 56	17.51	-3.76	11.60	33.01	13.75	33.01	PASS	
n7	15	10	501000	1@50	DFT_QAM2 56	17.13	-3.76	11.22	33.01	13.37	33.01	PASS	
n7	15	10	501000	26@13	CP_QPSK	20.48	-3.76	14.57	33.01	16.72	33.01	PASS	
n7	15	10	501000	1@1	CP_QPSK	20.44	-3.76	14.53	33.01	16.68	33.01	PASS	
n7	15	10	501000	1@50	CP_QPSK	20.38	-3.76	14.47	33.01	16.62	33.01	PASS	
n7	15	10	501000	26@13	CP_QAM16	19.92	-3.76	14.01	33.01	16.16	33.01	PASS	
n7	15	10	501000	1@1	CP_QAM16	20.14	-3.76	14.23	33.01	16.38	33.01	PASS	
n7	15	10	501000	1@50	CP_QAM16	20.01	-3.76	14.10	33.01	16.25	33.01	PASS	
n7	15	10	501000	26@13	CP_QAM64	18.42	-3.76	12.51	33.01	14.66	33.01	PASS	
n7	15	10	501000	1@1	CP_QAM64	18.23	-3.76	12.32	33.01	14.47	33.01	PASS	
n7	15	10	501000	1@50	CP_QAM64	18.22	-3.76	12.31	33.01	14.46	33.01	PASS	
n7	15	10	501000	26@13	CP_QAM25 6	15.56	-3.76	9.65	33.01	11.80	33.01	PASS	
n7	15	10	501000	1@1	CP_QAM25 6	15.55	-3.76	9.64	33.01	11.79	33.01	PASS	
n7	15	10	501000	1@50	CP_QAM25 6	15.49	-3.76	9.58	33.01	11.73	33.01	PASS	
n7	15	10	507000	25@12	DFT_BPSK	21.70	-3.76	15.79	33.01	17.94	33.01	PASS	
n7	15	10	507000	1@1	DFT_BPSK	21.75	-3.76	15.84	33.01	17.99	33.01	PASS	
n7	15	10	507000	1@50	DFT_BPSK	21.58	-3.76	15.67	33.01	17.82	33.01	PASS	
n7	15	10	507000	25@12	DFT_QPSK	21.80	-3.76	15.89	33.01	18.04	33.01	PASS	
n7	15	10	507000	1@1	DFT_QPSK	21.65	-3.76	15.74	33.01	17.89	33.01	PASS	
n7	15	10	507000	1@50	DFT_QPSK	21.50	-3.76	15.59	33.01	17.74	33.01	PASS	
n7	15	10	507000	25@12	DFT_QAM1 6	20.78	-3.76	14.87	33.01	17.02	33.01	PASS	
n7	15	10	507000	1@1	DFT_QAM1 6	20.74	-3.76	14.83	33.01	16.98	33.01	PASS	
n7	15	10	507000	1@50	DFT_QAM1 6	20.55	-3.76	14.64	33.01	16.79	33.01	PASS	
n7	15	10	507000	25@12	DFT_QAM6 4	19.17	-3.76	13.26	33.01	15.41	33.01	PASS	
n7	15	10	507000	1@1	DFT_QAM6 4	19.55	-3.76	13.64	33.01	15.79	33.01	PASS	
n7	15	10	507000	1@50	DFT_QAM6 4	19.55	-3.76	13.64	33.01	15.79	33.01	PASS	
n7	15	10	507000	25@12	DFT_QAM2 56	17.22	-3.76	11.31	33.01	13.46	33.01	PASS	
n7	15	10	507000	1@1	DFT_QAM2	17.01	-3.76	11.10	33.01	13.25	33.01	PASS	

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n7	15	10	507000	1@50	DFT_QAM2 56	17.08	-3.76	11.17	33.01	13.32	33.01	PASS
n7	15	10	507000	26@13	CP_QPSK	20.25	-3.76	14.34	33.01	16.49	33.01	PASS
n7	15	10	507000	1@1	CP_QPSK	20.35	-3.76	14.44	33.01	16.59	33.01	PASS
n7	15	10	507000	1@50	CP_QPSK	20.16	-3.76	14.25	33.01	16.40	33.01	PASS
n7	15	10	507000	26@13	CP_QAM16	19.77	-3.76	13.86	33.01	16.01	33.01	PASS
n7	15	10	507000	1@1	CP_QAM16	19.92	-3.76	14.01	33.01	16.16	33.01	PASS
n7	15	10	507000	1@50	CP_QAM16	19.71	-3.76	13.80	33.01	15.95	33.01	PASS
n7	15	10	507000	26@13	CP_QAM64	18.24	-3.76	12.33	33.01	14.48	33.01	PASS
n7	15	10	507000	1@1	CP_QAM64	18.38	-3.76	12.47	33.01	14.62	33.01	PASS
n7	15	10	507000	1@50	CP_QAM64	17.83	-3.76	11.92	33.01	14.07	33.01	PASS
n7	15	10	507000	26@13	CP_QAM25 6	15.28	-3.76	9.37	33.01	11.52	33.01	PASS
n7	15	10	507000	1@1	CP_QAM25 6	15.31	-3.76	9.40	33.01	11.55	33.01	PASS
n7	15	10	507000	1@50	CP_QAM25 6	15.23	-3.76	9.32	33.01	11.47	33.01	PASS
n7	15	10	513000	25@12	DFT_BPSK	21.83	-3.76	15.92	33.01	18.07	33.01	PASS
n7	15	10	513000	1@1	DFT_BPSK	21.70	-3.76	15.79	33.01	17.94	33.01	PASS
n7	15	10	513000	1@50	DFT_BPSK	21.68	-3.76	15.77	33.01	17.92	33.01	PASS
n7	15	10	513000	25@12	DFT_QPSK	21.81	-3.76	15.90	33.01	18.05	33.01	PASS
n7	15	10	513000	1@1	DFT_QPSK	21.64	-3.76	15.73	33.01	17.88	33.01	PASS
n7	15	10	513000	1@50	DFT_QPSK	21.60	-3.76	15.69	33.01	17.84	33.01	PASS
n7	15	10	513000	25@12	DFT_QAM1 6	20.81	-3.76	14.90	33.01	17.05	33.01	PASS
n7	15	10	513000	1@1	DFT_QAM1 6	20.39	-3.76	14.48	33.01	16.63	33.01	PASS
n7	15	10	513000	1@50	DFT_QAM1 6	20.41	-3.76	14.50	33.01	16.65	33.01	PASS
n7	15	10	513000	25@12	DFT_QAM6 4	19.27	-3.76	13.36	33.01	15.51	33.01	PASS
n7	15	10	513000	1@1	DFT_QAM6 4	19.65	-3.76	13.74	33.01	15.89	33.01	PASS
n7	15	10	513000	1@50	DFT_QAM6 4	19.63	-3.76	13.72	33.01	15.87	33.01	PASS
n7	15	10	513000	25@12	DFT_QAM2 56	17.26	-3.76	11.35	33.01	13.50	33.01	PASS
n7	15	10	513000	1@1	DFT_QAM2 56	17.02	-3.76	11.11	33.01	13.26	33.01	PASS
n7	15	10	513000	1@50	DFT_QAM2 56	17.12	-3.76	11.21	33.01	13.36	33.01	PASS
n7	15	10	513000	26@13	CP_QPSK	20.30	-3.76	14.39	33.01	16.54	33.01	PASS
n7	15	10	513000	1@1	CP_QPSK	20.23	-3.76	14.32	33.01	16.47	33.01	PASS
n7	15	10	513000	1@50	CP_QPSK	20.18	-3.76	14.27	33.01	16.42	33.01	PASS
n7	15	10	513000	26@13	CP_QAM16	19.75	-3.76	13.84	33.01	15.99	33.01	PASS

n7	15	10	513000	1@1	CP_QAM16	19.81	-3.76	13.90	33.01	16.05	33.01	PASS
n7	15	10	513000	1@50	CP_QAM16	19.81	-3.76	13.90	33.01	16.05	33.01	PASS
n7	15	10	513000	26@13	CP_QAM64	18.26	-3.76	12.35	33.01	14.50	33.01	PASS
n7	15	10	513000	1@1	CP_QAM64	18.20	-3.76	12.29	33.01	14.44	33.01	PASS
n7	15	10	513000	1@50	CP_QAM64	17.81	-3.76	11.90	33.01	14.05	33.01	PASS
n7	15	10	513000	26@13	CP_QAM256	15.43	-3.76	9.52	33.01	11.67	33.01	PASS
n7	15	10	513000	1@1	CP_QAM256	15.28	-3.76	9.37	33.01	11.52	33.01	PASS
n7	15	10	513000	1@50	CP_QAM256	15.21	-3.76	9.30	33.01	11.45	33.01	PASS
n7	15	15	501500	36@18	DFT_BPSK	22.13	-3.76	16.22	33.01	18.37	33.01	PASS
n7	15	15	501500	1@1	DFT_BPSK	22.03	-3.76	16.12	33.01	18.27	33.01	PASS
n7	15	15	501500	1@77	DFT_BPSK	22.05	-3.76	16.14	33.01	18.29	33.01	PASS
n7	15	15	501500	36@18	DFT_QPSK	22.14	-3.76	16.23	33.01	18.38	33.01	PASS
n7	15	15	501500	1@1	DFT_QPSK	22.02	-3.76	16.11	33.01	18.26	33.01	PASS
n7	15	15	501500	1@77	DFT_QPSK	21.96	-3.76	16.05	33.01	18.20	33.01	PASS
n7	15	15	501500	36@18	DFT_QAM16	21.15	-3.76	15.24	33.01	17.39	33.01	PASS
n7	15	15	501500	1@1	DFT_QAM16	20.97	-3.76	15.06	33.01	17.21	33.01	PASS
n7	15	15	501500	1@77	DFT_QAM16	20.69	-3.76	14.78	33.01	16.93	33.01	PASS
n7	15	15	501500	36@18	DFT_QAM64	19.49	-3.76	13.58	33.01	15.73	33.01	PASS
n7	15	15	501500	1@1	DFT_QAM64	19.61	-3.76	13.70	33.01	15.85	33.01	PASS
n7	15	15	501500	1@77	DFT_QAM64	19.86	-3.76	13.95	33.01	16.10	33.01	PASS
n7	15	15	501500	36@18	DFT_QAM256	17.63	-3.76	11.72	33.01	13.87	33.01	PASS
n7	15	15	501500	1@1	DFT_QAM256	17.56	-3.76	11.65	33.01	13.80	33.01	PASS
n7	15	15	501500	1@77	DFT_QAM256	17.46	-3.76	11.55	33.01	13.70	33.01	PASS
n7	15	15	501500	39@19	CP_QPSK	20.51	-3.76	14.60	33.01	16.75	33.01	PASS
n7	15	15	501500	1@1	CP_QPSK	20.59	-3.76	14.68	33.01	16.83	33.01	PASS
n7	15	15	501500	1@77	CP_QPSK	20.52	-3.76	14.61	33.01	16.76	33.01	PASS
n7	15	15	501500	39@19	CP_QAM16	20.08	-3.76	14.17	33.01	16.32	33.01	PASS
n7	15	15	501500	1@1	CP_QAM16	20.08	-3.76	14.17	33.01	16.32	33.01	PASS
n7	15	15	501500	1@77	CP_QAM16	20.09	-3.76	14.18	33.01	16.33	33.01	PASS
n7	15	15	501500	39@19	CP_QAM64	18.57	-3.76	12.66	33.01	14.81	33.01	PASS
n7	15	15	501500	1@1	CP_QAM64	18.21	-3.76	12.30	33.01	14.45	33.01	PASS
n7	15	15	501500	1@77	CP_QAM64	18.09	-3.76	12.18	33.01	14.33	33.01	PASS
n7	15	15	501500	39@19	CP_QAM256	15.68	-3.76	9.77	33.01	11.92	33.01	PASS

n7	15	15	501500	1@1	CP_QAM25 6	15.55	-3.76	9.64	33.01	11.79	33.01	PASS
n7	15	15	501500	1@77	CP_QAM25 6	15.56	-3.76	9.65	33.01	11.80	33.01	PASS
n7	15	15	507000	36@18	DFT_BPSK	21.91	-3.76	16.00	33.01	18.15	33.01	PASS
n7	15	15	507000	1@1	DFT_BPSK	21.94	-3.76	16.03	33.01	18.18	33.01	PASS
n7	15	15	507000	1@77	DFT_BPSK	21.59	-3.76	15.68	33.01	17.83	33.01	PASS
n7	15	15	507000	36@18	DFT_QPSK	21.85	-3.76	15.94	33.01	18.09	33.01	PASS
n7	15	15	507000	1@1	DFT_QPSK	21.82	-3.76	15.91	33.01	18.06	33.01	PASS
n7	15	15	507000	1@77	DFT_QPSK	21.44	-3.76	15.53	33.01	17.68	33.01	PASS
n7	15	15	507000	36@18	DFT_QAM1 6	20.88	-3.76	14.97	33.01	17.12	33.01	PASS
n7	15	15	507000	1@1	DFT_QAM1 6	20.68	-3.76	14.77	33.01	16.92	33.01	PASS
n7	15	15	507000	1@77	DFT_QAM1 6	20.46	-3.76	14.55	33.01	16.70	33.01	PASS
n7	15	15	507000	36@18	DFT_QAM6 4	19.38	-3.76	13.47	33.01	15.62	33.01	PASS
n7	15	15	507000	1@1	DFT_QAM6 4	19.39	-3.76	13.48	33.01	15.63	33.01	PASS
n7	15	15	507000	1@77	DFT_QAM6 4	19.10	-3.76	13.19	33.01	15.34	33.01	PASS
n7	15	15	507000	36@18	DFT_QAM2 56	17.37	-3.76	11.46	33.01	13.61	33.01	PASS
n7	15	15	507000	1@1	DFT_QAM2 56	17.49	-3.76	11.58	33.01	13.73	33.01	PASS
n7	15	15	507000	1@77	DFT_QAM2 56	16.83	-3.76	10.92	33.01	13.07	33.01	PASS
n7	15	15	507000	39@19	CP_QPSK	20.35	-3.76	14.44	33.01	16.59	33.01	PASS
n7	15	15	507000	1@1	CP_QPSK	20.50	-3.76	14.59	33.01	16.74	33.01	PASS
n7	15	15	507000	1@77	CP_QPSK	20.22	-3.76	14.31	33.01	16.46	33.01	PASS
n7	15	15	507000	39@19	CP_QAM16	19.87	-3.76	13.96	33.01	16.11	33.01	PASS
n7	15	15	507000	1@1	CP_QAM16	20.08	-3.76	14.17	33.01	16.32	33.01	PASS
n7	15	15	507000	1@77	CP_QAM16	19.74	-3.76	13.83	33.01	15.98	33.01	PASS
n7	15	15	507000	39@19	CP_QAM64	18.39	-3.76	12.48	33.01	14.63	33.01	PASS
n7	15	15	507000	1@1	CP_QAM64	19.03	-3.76	13.12	33.01	15.27	33.01	PASS
n7	15	15	507000	1@77	CP_QAM64	17.78	-3.76	11.87	33.01	14.02	33.01	PASS
n7	15	15	507000	39@19	CP_QAM25 6	15.57	-3.76	9.66	33.01	11.81	33.01	PASS
n7	15	15	507000	1@1	CP_QAM25 6	15.30	-3.76	9.39	33.01	11.54	33.01	PASS
n7	15	15	507000	1@77	CP_QAM25 6	15.12	-3.76	9.21	33.01	11.36	33.01	PASS
n7	15	15	512500	36@18	DFT_BPSK	21.97	-3.76	16.06	33.01	18.21	33.01	PASS
n7	15	15	512500	1@1	DFT_BPSK	21.67	-3.76	15.76	33.01	17.91	33.01	PASS
n7	15	15	512500	1@77	DFT_BPSK	21.83	-3.76	15.92	33.01	18.07	33.01	PASS

n7	15	15	512500	36@18	DFT_QPSK	21.93	-3.76	16.02	33.01	18.17	33.01	PASS
n7	15	15	512500	1@1	DFT_QPSK	21.60	-3.76	15.69	33.01	17.84	33.01	PASS
n7	15	15	512500	1@77	DFT_QPSK	21.60	-3.76	15.69	33.01	17.84	33.01	PASS
n7	15	15	512500	36@18	DFT_QAM1 6	20.97	-3.76	15.06	33.01	17.21	33.01	PASS
n7	15	15	512500	1@1	DFT_QAM1 6	20.51	-3.76	14.60	33.01	16.75	33.01	PASS
n7	15	15	512500	1@77	DFT_QAM1 6	20.61	-3.76	14.70	33.01	16.85	33.01	PASS
n7	15	15	512500	36@18	DFT_QAM6 4	19.32	-3.76	13.41	33.01	15.56	33.01	PASS
n7	15	15	512500	1@1	DFT_QAM6 4	19.46	-3.76	13.55	33.01	15.70	33.01	PASS
n7	15	15	512500	1@77	DFT_QAM6 4	19.58	-3.76	13.67	33.01	15.82	33.01	PASS
n7	15	15	512500	36@18	DFT_QAM2 56	17.42	-3.76	11.51	33.01	13.66	33.01	PASS
n7	15	15	512500	1@1	DFT_QAM2 56	17.23	-3.76	11.32	33.01	13.47	33.01	PASS
n7	15	15	512500	1@77	DFT_QAM2 56	17.37	-3.76	11.46	33.01	13.61	33.01	PASS
n7	15	15	512500	39@19	CP_QPSK	20.41	-3.76	14.50	33.01	16.65	33.01	PASS
n7	15	15	512500	1@1	CP_QPSK	20.27	-3.76	14.36	33.01	16.51	33.01	PASS
n7	15	15	512500	1@77	CP_QPSK	20.23	-3.76	14.32	33.01	16.47	33.01	PASS
n7	15	15	512500	39@19	CP_QAM16	19.93	-3.76	14.02	33.01	16.17	33.01	PASS
n7	15	15	512500	1@1	CP_QAM16	19.68	-3.76	13.77	33.01	15.92	33.01	PASS
n7	15	15	512500	1@77	CP_QAM16	19.84	-3.76	13.93	33.01	16.08	33.01	PASS
n7	15	15	512500	39@19	CP_QAM64	18.40	-3.76	12.49	33.01	14.64	33.01	PASS
n7	15	15	512500	1@1	CP_QAM64	17.89	-3.76	11.98	33.01	14.13	33.01	PASS
n7	15	15	512500	1@77	CP_QAM64	18.91	-3.76	13.00	33.01	15.15	33.01	PASS
n7	15	15	512500	39@19	CP_QAM25 6	15.45	-3.76	9.54	33.01	11.69	33.01	PASS
n7	15	15	512500	1@1	CP_QAM25 6	15.29	-3.76	9.38	33.01	11.53	33.01	PASS
n7	15	15	512500	1@77	CP_QAM25 6	15.20	-3.76	9.29	33.01	11.44	33.01	PASS
n7	15	20	502000	50@25	DFT_BPSK	22.18	-3.76	16.27	33.01	18.42	33.01	PASS
n7	15	20	502000	1@1	DFT_BPSK	22.08	-3.76	16.17	33.01	18.32	33.01	PASS
n7	15	20	502000	1@104	DFT_BPSK	21.98	-3.76	16.07	33.01	18.22	33.01	PASS
n7	15	20	502000	50@25	DFT_QPSK	22.12	-3.76	16.21	33.01	18.36	33.01	PASS
n7	15	20	502000	1@1	DFT_QPSK	21.86	-3.76	15.95	33.01	18.10	33.01	PASS
n7	15	20	502000	1@104	DFT_QPSK	21.80	-3.76	15.89	33.01	18.04	33.01	PASS
n7	15	20	502000	50@25	DFT_QAM1 6	21.14	-3.76	15.23	33.01	17.38	33.01	PASS
n7	15	20	502000	1@1	DFT_QAM1 6	21.24	-3.76	15.33	33.01	17.48	33.01	PASS

n7	15	20	502000	1@104	DFT_QAM1 6	20.67	-3.76	14.76	33.01	16.91	33.01	PASS
n7	15	20	502000	50@25	DFT_QAM6 4	19.61	-3.76	13.70	33.01	15.85	33.01	PASS
n7	15	20	502000	1@1	DFT_QAM6 4	19.53	-3.76	13.62	33.01	15.77	33.01	PASS
n7	15	20	502000	1@104	DFT_QAM6 4	19.41	-3.76	13.50	33.01	15.65	33.01	PASS
n7	15	20	502000	50@25	DFT_QAM2 56	17.49	-3.76	11.58	33.01	13.73	33.01	PASS
n7	15	20	502000	1@1	DFT_QAM2 56	17.56	-3.76	11.65	33.01	13.80	33.01	PASS
n7	15	20	502000	1@104	DFT_QAM2 56	17.52	-3.76	11.61	33.01	13.76	33.01	PASS
n7	15	20	502000	53@26	CP_QPSK	20.56	-3.76	14.65	33.01	16.80	33.01	PASS
n7	15	20	502000	1@1	CP_QPSK	20.39	-3.76	14.48	33.01	16.63	33.01	PASS
n7	15	20	502000	1@104	CP_QPSK	20.48	-3.76	14.57	33.01	16.72	33.01	PASS
n7	15	20	502000	53@26	CP_QAM16	20.18	-3.76	14.27	33.01	16.42	33.01	PASS
n7	15	20	502000	1@1	CP_QAM16	20.06	-3.76	14.15	33.01	16.30	33.01	PASS
n7	15	20	502000	1@104	CP_QAM16	20.05	-3.76	14.14	33.01	16.29	33.01	PASS
n7	15	20	502000	53@26	CP_QAM64	18.65	-3.76	12.74	33.01	14.89	33.01	PASS
n7	15	20	502000	1@1	CP_QAM64	18.82	-3.76	12.91	33.01	15.06	33.01	PASS
n7	15	20	502000	1@104	CP_QAM64	18.23	-3.76	12.32	33.01	14.47	33.01	PASS
n7	15	20	502000	53@26	CP_QAM25 6	15.77	-3.76	9.86	33.01	12.01	33.01	PASS
n7	15	20	502000	1@1	CP_QAM25 6	15.63	-3.76	9.72	33.01	11.87	33.01	PASS
n7	15	20	502000	1@104	CP_QAM25 6	15.50	-3.76	9.59	33.01	11.74	33.01	PASS
n7	15	20	507000	50@25	DFT_BPSK	21.92	-3.76	16.01	33.01	18.16	33.01	PASS
n7	15	20	507000	1@1	DFT_BPSK	21.93	-3.76	16.02	33.01	18.17	33.01	PASS
n7	15	20	507000	1@104	DFT_BPSK	21.54	-3.76	15.63	33.01	17.78	33.01	PASS
n7	15	20	507000	50@25	DFT_QPSK	21.94	-3.76	16.03	33.01	18.18	33.01	PASS
n7	15	20	507000	1@1	DFT_QPSK	21.79	-3.76	15.88	33.01	18.03	33.01	PASS
n7	15	20	507000	1@104	DFT_QPSK	21.49	-3.76	15.58	33.01	17.73	33.01	PASS
n7	15	20	507000	50@25	DFT_QAM1 6	20.91	-3.76	15.00	33.01	17.15	33.01	PASS
n7	15	20	507000	1@1	DFT_QAM1 6	20.83	-3.76	14.92	33.01	17.07	33.01	PASS
n7	15	20	507000	1@104	DFT_QAM1 6	20.51	-3.76	14.60	33.01	16.75	33.01	PASS
n7	15	20	507000	50@25	DFT_QAM6 4	19.40	-3.76	13.49	33.01	15.64	33.01	PASS
n7	15	20	507000	1@1	DFT_QAM6 4	19.58	-3.76	13.67	33.01	15.82	33.01	PASS
n7	15	20	507000	1@104	DFT_QAM6 4	19.33	-3.76	13.42	33.01	15.57	33.01	PASS

n7	15	20	507000	50@25	DFT_QAM2 56	17.34	-3.76	11.43	33.01	13.58	33.01	PASS
n7	15	20	507000	1@1	DFT_QAM2 56	17.10	-3.76	11.19	33.01	13.34	33.01	PASS
n7	15	20	507000	1@104	DFT_QAM2 56	17.03	-3.76	11.12	33.01	13.27	33.01	PASS
n7	15	20	507000	53@26	CP_QPSK	20.41	-3.76	14.50	33.01	16.65	33.01	PASS
n7	15	20	507000	1@1	CP_QPSK	20.42	-3.76	14.51	33.01	16.66	33.01	PASS
n7	15	20	507000	1@104	CP_QPSK	20.06	-3.76	14.15	33.01	16.30	33.01	PASS
n7	15	20	507000	53@26	CP_QAM16	19.88	-3.76	13.97	33.01	16.12	33.01	PASS
n7	15	20	507000	1@1	CP_QAM16	20.01	-3.76	14.10	33.01	16.25	33.01	PASS
n7	15	20	507000	1@104	CP_QAM16	19.67	-3.76	13.76	33.01	15.91	33.01	PASS
n7	15	20	507000	53@26	CP_QAM64	18.32	-3.76	12.41	33.01	14.56	33.01	PASS
n7	15	20	507000	1@1	CP_QAM64	18.44	-3.76	12.53	33.01	14.68	33.01	PASS
n7	15	20	507000	1@104	CP_QAM64	18.19	-3.76	12.28	33.01	14.43	33.01	PASS
n7	15	20	507000	53@26	CP_QAM25 6	15.45	-3.76	9.54	33.01	11.69	33.01	PASS
n7	15	20	507000	1@1	CP_QAM25 6	15.51	-3.76	9.60	33.01	11.75	33.01	PASS
n7	15	20	507000	1@104	CP_QAM25 6	15.12	-3.76	9.21	33.01	11.36	33.01	PASS
n7	15	20	512000	50@25	DFT_BPSK	21.95	-3.76	16.04	33.01	18.19	33.01	PASS
n7	15	20	512000	1@1	DFT_BPSK	21.53	-3.76	15.62	33.01	17.77	33.01	PASS
n7	15	20	512000	1@104	DFT_BPSK	21.79	-3.76	15.88	33.01	18.03	33.01	PASS
n7	15	20	512000	50@25	DFT_QPSK	21.96	-3.76	16.05	33.01	18.20	33.01	PASS
n7	15	20	512000	1@1	DFT_QPSK	21.45	-3.76	15.54	33.01	17.69	33.01	PASS
n7	15	20	512000	1@104	DFT_QPSK	21.69	-3.76	15.78	33.01	17.93	33.01	PASS
n7	15	20	512000	50@25	DFT_QAM1 6	20.94	-3.76	15.03	33.01	17.18	33.01	PASS
n7	15	20	512000	1@1	DFT_QAM1 6	20.77	-3.76	14.86	33.01	17.01	33.01	PASS
n7	15	20	512000	1@104	DFT_QAM1 6	20.56	-3.76	14.65	33.01	16.80	33.01	PASS
n7	15	20	512000	50@25	DFT_QAM6 4	19.45	-3.76	13.54	33.01	15.69	33.01	PASS
n7	15	20	512000	1@1	DFT_QAM6 4	19.02	-3.76	13.11	33.01	15.26	33.01	PASS
n7	15	20	512000	1@104	DFT_QAM6 4	19.28	-3.76	13.37	33.01	15.52	33.01	PASS
n7	15	20	512000	50@25	DFT_QAM2 56	17.41	-3.76	11.50	33.01	13.65	33.01	PASS
n7	15	20	512000	1@1	DFT_QAM2 56	16.82	-3.76	10.91	33.01	13.06	33.01	PASS
n7	15	20	512000	1@104	DFT_QAM2 56	16.96	-3.76	11.05	33.01	13.20	33.01	PASS
n7	15	20	512000	53@26	CP_QPSK	20.36	-3.76	14.45	33.01	16.60	33.01	PASS
n7	15	20	512000	1@1	CP_QPSK	20.06	-3.76	14.15	33.01	16.30	33.01	PASS

n7	15	20	512000	1@104	CP_QPSK	20.18	-3.76	14.27	33.01	16.42	33.01	PASS
n7	15	20	512000	53@26	CP_QAM16	19.95	-3.76	14.04	33.01	16.19	33.01	PASS
n7	15	20	512000	1@1	CP_QAM16	19.67	-3.76	13.76	33.01	15.91	33.01	PASS
n7	15	20	512000	1@104	CP_QAM16	19.89	-3.76	13.98	33.01	16.13	33.01	PASS
n7	15	20	512000	53@26	CP_QAM64	18.46	-3.76	12.55	33.01	14.70	33.01	PASS
n7	15	20	512000	1@1	CP_QAM64	18.31	-3.76	12.40	33.01	14.55	33.01	PASS
n7	15	20	512000	1@104	CP_QAM64	18.57	-3.76	12.66	33.01	14.81	33.01	PASS
n7	15	20	512000	53@26	CP_QAM25 6	15.52	-3.76	9.61	33.01	11.76	33.01	PASS
n7	15	20	512000	1@1	CP_QAM25 6	15.07	-3.76	9.16	33.01	11.31	33.01	PASS
n7	15	20	512000	1@104	CP_QAM25 6	15.41	-3.76	9.50	33.01	11.65	33.01	PASS



Appendix 5G NR -n12 - SCS 15KHz

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n12	15	5	140300	12@6	DFT_BPSK	23.52	-8.16	13.21	34.77	15.36	34.77	PASS
n12	15	5	140300	1@1	DFT_BPSK	23.36	-8.16	13.05	34.77	15.20	34.77	PASS
n12	15	5	140300	1@23	DFT_BPSK	23.48	-8.16	13.17	34.77	15.32	34.77	PASS
n12	15	5	140300	12@6	DFT_QPSK	23.49	-8.16	13.18	34.77	15.33	34.77	PASS
n12	15	5	140300	1@1	DFT_QPSK	23.21	-8.16	12.90	34.77	15.05	34.77	PASS
n12	15	5	140300	1@23	DFT_QPSK	23.35	-8.16	13.04	34.77	15.19	34.77	PASS
n12	15	5	140300	12@6	DFT_QAM16	22.64	-8.16	12.33	34.77	14.48	34.77	PASS
n12	15	5	140300	1@1	DFT_QAM16	22.31	-8.16	12.00	34.77	14.15	34.77	PASS
n12	15	5	140300	1@23	DFT_QAM16	22.42	-8.16	12.11	34.77	14.26	34.77	PASS
n12	15	5	140300	12@6	DFT_QAM64	21.05	-8.16	10.74	34.77	12.89	34.77	PASS
n12	15	5	140300	1@1	DFT_QAM64	21.16	-8.16	10.85	34.77	13.00	34.77	PASS
n12	15	5	140300	1@23	DFT_QAM64	21.12	-8.16	10.81	34.77	12.96	34.77	PASS
n12	15	5	140300	12@6	DFT_QAM256	19.03	-8.16	8.72	34.77	10.87	34.77	PASS
n12	15	5	140300	1@1	DFT_QAM256	19.30	-8.16	8.99	34.77	11.14	34.77	PASS
n12	15	5	140300	1@23	DFT_QAM256	19.28	-8.16	8.97	34.77	11.12	34.77	PASS
n12	15	5	140300	13@6	CP_QPSK	21.97	-8.16	11.66	34.77	13.81	34.77	PASS
n12	15	5	140300	1@1	CP_QPSK	21.81	-8.16	11.50	34.77	13.65	34.77	PASS
n12	15	5	140300	1@23	CP_QPSK	21.86	-8.16	11.55	34.77	13.70	34.77	PASS
n12	15	5	140300	13@6	CP_QAM16	21.42	-8.16	11.11	34.77	13.26	34.77	PASS
n12	15	5	140300	1@1	CP_QAM16	21.44	-8.16	11.13	34.77	13.28	34.77	PASS
n12	15	5	140300	1@23	CP_QAM16	21.51	-8.16	11.20	34.77	13.35	34.77	PASS
n12	15	5	140300	13@6	CP_QAM64	20.00	-8.16	9.69	34.77	11.84	34.77	PASS
n12	15	5	140300	1@1	CP_QAM64	20.20	-8.16	9.89	34.77	12.04	34.77	PASS
n12	15	5	140300	1@23	CP_QAM64	20.24	-8.16	9.93	34.77	12.08	34.77	PASS
n12	15	5	140300	13@6	CP_QAM256	17.05	-8.16	6.74	34.77	8.89	34.77	PASS
n12	15	5	140300	1@1	CP_QAM256	16.41	-8.16	6.10	34.77	8.25	34.77	PASS
n12	15	5	140300	1@23	CP_QAM256	16.97	-8.16	6.66	34.77	8.81	34.77	PASS

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n12	15	5	141500	12@6	DFT_BPSK	23.41	-8.16	13.10	34.77	15.25	34.77	PASS
n12	15	5	141500	1@1	DFT_BPSK	23.45	-8.16	13.14	34.77	15.29	34.77	PASS
n12	15	5	141500	1@23	DFT_BPSK	23.40	-8.16	13.09	34.77	15.24	34.77	PASS
n12	15	5	141500	12@6	DFT_QPSK	23.42	-8.16	13.11	34.77	15.26	34.77	PASS
n12	15	5	141500	1@1	DFT_QPSK	23.30	-8.16	12.99	34.77	15.14	34.77	PASS
n12	15	5	141500	1@23	DFT_QPSK	23.22	-8.16	12.91	34.77	15.06	34.77	PASS
n12	15	5	141500	12@6	DFT_QAM1 6	22.52	-8.16	12.21	34.77	14.36	34.77	PASS
n12	15	5	141500	1@1	DFT_QAM1 6	22.69	-8.16	12.38	34.77	14.53	34.77	PASS
n12	15	5	141500	1@23	DFT_QAM1 6	22.73	-8.16	12.42	34.77	14.57	34.77	PASS
n12	15	5	141500	12@6	DFT_QAM6 4	20.94	-8.16	10.63	34.77	12.78	34.77	PASS
n12	15	5	141500	1@1	DFT_QAM6 4	21.15	-8.16	10.84	34.77	12.99	34.77	PASS
n12	15	5	141500	1@23	DFT_QAM6 4	21.32	-8.16	11.01	34.77	13.16	34.77	PASS
n12	15	5	141500	12@6	DFT_QAM2 56	18.87	-8.16	8.56	34.77	10.71	34.77	PASS
n12	15	5	141500	1@1	DFT_QAM2 56	19.33	-8.16	9.02	34.77	11.17	34.77	PASS
n12	15	5	141500	1@23	DFT_QAM2 56	19.22	-8.16	8.91	34.77	11.06	34.77	PASS
n12	15	5	141500	13@6	CP_QPSK	21.86	-8.16	11.55	34.77	13.70	34.77	PASS
n12	15	5	141500	1@1	CP_QPSK	21.94	-8.16	11.63	34.77	13.78	34.77	PASS
n12	15	5	141500	1@23	CP_QPSK	21.69	-8.16	11.38	34.77	13.53	34.77	PASS
n12	15	5	141500	13@6	CP_QAM16	21.29	-8.16	10.98	34.77	13.13	34.77	PASS
n12	15	5	141500	1@1	CP_QAM16	21.39	-8.16	11.08	34.77	13.23	34.77	PASS
n12	15	5	141500	1@23	CP_QAM16	21.35	-8.16	11.04	34.77	13.19	34.77	PASS
n12	15	5	141500	13@6	CP_QAM64	19.89	-8.16	9.58	34.77	11.73	34.77	PASS
n12	15	5	141500	1@1	CP_QAM64	20.13	-8.16	9.82	34.77	11.97	34.77	PASS
n12	15	5	141500	1@23	CP_QAM64	20.06	-8.16	9.75	34.77	11.90	34.77	PASS
n12	15	5	141500	13@6	CP_QAM25 6	16.90	-8.16	6.59	34.77	8.74	34.77	PASS
n12	15	5	141500	1@1	CP_QAM25 6	16.71	-8.16	6.40	34.77	8.55	34.77	PASS
n12	15	5	141500	1@23	CP_QAM25 6	16.92	-8.16	6.61	34.77	8.76	34.77	PASS
n12	15	5	142700	12@6	DFT_BPSK	23.24	-8.16	12.93	34.77	15.08	34.77	PASS
n12	15	5	142700	1@1	DFT_BPSK	23.36	-8.16	13.05	34.77	15.20	34.77	PASS
n12	15	5	142700	1@23	DFT_BPSK	23.18	-8.16	12.87	34.77	15.02	34.77	PASS
n12	15	5	142700	12@6	DFT_QPSK	23.29	-8.16	12.98	34.77	15.13	34.77	PASS
n12	15	5	142700	1@1	DFT_QPSK	23.20	-8.16	12.89	34.77	15.04	34.77	PASS

n12	15	5	142700	1@23	DFT_QPSK	23.03	-8.16	12.72	34.77	14.87	34.77	PASS
n12	15	5	142700	12@6	DFT_QAM1 6	22.41	-8.16	12.10	34.77	14.25	34.77	PASS
n12	15	5	142700	1@1	DFT_QAM1 6	22.74	-8.16	12.43	34.77	14.58	34.77	PASS
n12	15	5	142700	1@23	DFT_QAM1 6	22.52	-8.16	12.21	34.77	14.36	34.77	PASS
n12	15	5	142700	12@6	DFT_QAM6 4	20.75	-8.16	10.44	34.77	12.59	34.77	PASS
n12	15	5	142700	1@1	DFT_QAM6 4	21.24	-8.16	10.93	34.77	13.08	34.77	PASS
n12	15	5	142700	1@23	DFT_QAM6 4	20.91	-8.16	10.60	34.77	12.75	34.77	PASS
n12	15	5	142700	12@6	DFT_QAM2 56	18.79	-8.16	8.48	34.77	10.63	34.77	PASS
n12	15	5	142700	1@1	DFT_QAM2 56	19.02	-8.16	8.71	34.77	10.86	34.77	PASS
n12	15	5	142700	1@23	DFT_QAM2 56	19.00	-8.16	8.69	34.77	10.84	34.77	PASS
n12	15	5	142700	13@6	CP_QPSK	21.80	-8.16	11.49	34.77	13.64	34.77	PASS
n12	15	5	142700	1@1	CP_QPSK	21.63	-8.16	11.32	34.77	13.47	34.77	PASS
n12	15	5	142700	1@23	CP_QPSK	21.53	-8.16	11.22	34.77	13.37	34.77	PASS
n12	15	5	142700	13@6	CP_QAM16	21.15	-8.16	10.84	34.77	12.99	34.77	PASS
n12	15	5	142700	1@1	CP_QAM16	21.32	-8.16	11.01	34.77	13.16	34.77	PASS
n12	15	5	142700	1@23	CP_QAM16	21.01	-8.16	10.70	34.77	12.85	34.77	PASS
n12	15	5	142700	13@6	CP_QAM64	19.72	-8.16	9.41	34.77	11.56	34.77	PASS
n12	15	5	142700	1@1	CP_QAM64	20.04	-8.16	9.73	34.77	11.88	34.77	PASS
n12	15	5	142700	1@23	CP_QAM64	19.82	-8.16	9.51	34.77	11.66	34.77	PASS
n12	15	5	142700	13@6	CP_QAM25 6	16.75	-8.16	6.44	34.77	8.59	34.77	PASS
n12	15	5	142700	1@1	CP_QAM25 6	16.88	-8.16	6.57	34.77	8.72	34.77	PASS
n12	15	5	142700	1@23	CP_QAM25 6	16.30	-8.16	5.99	34.77	8.14	34.77	PASS
n12	15	10	140800	25@12	DFT_BPSK	23.28	-8.16	12.97	34.77	15.12	34.77	PASS
n12	15	10	140800	1@1	DFT_BPSK	23.22	-8.16	12.91	34.77	15.06	34.77	PASS
n12	15	10	140800	1@50	DFT_BPSK	23.17	-8.16	12.86	34.77	15.01	34.77	PASS
n12	15	10	140800	25@12	DFT_QPSK	23.39	-8.16	13.08	34.77	15.23	34.77	PASS
n12	15	10	140800	1@1	DFT_QPSK	23.06	-8.16	12.75	34.77	14.90	34.77	PASS
n12	15	10	140800	1@50	DFT_QPSK	23.03	-8.16	12.72	34.77	14.87	34.77	PASS
n12	15	10	140800	25@12	DFT_QAM1 6	22.39	-8.16	12.08	34.77	14.23	34.77	PASS
n12	15	10	140800	1@1	DFT_QAM1 6	22.44	-8.16	12.13	34.77	14.28	34.77	PASS
n12	15	10	140800	1@50	DFT_QAM1 6	22.49	-8.16	12.18	34.77	14.33	34.77	PASS
n12	15	10	140800	25@12	DFT_QAM6	20.91	-8.16	10.60	34.77	12.75	34.77	PASS

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n12	15	10	140800	1@1	DFT_QAM6 4	20.92	-8.16	10.61	34.77	12.76	34.77	PASS	
n12	15	10	140800	1@50	DFT_QAM6 4	21.04	-8.16	10.73	34.77	12.88	34.77	PASS	
n12	15	10	140800	25@12	DFT_QAM2 56	18.88	-8.16	8.57	34.77	10.72	34.77	PASS	
n12	15	10	140800	1@1	DFT_QAM2 56	19.14	-8.16	8.83	34.77	10.98	34.77	PASS	
n12	15	10	140800	1@50	DFT_QAM2 56	19.03	-8.16	8.72	34.77	10.87	34.77	PASS	
n12	15	10	140800	26@13	CP_QPSK	21.76	-8.16	11.45	34.77	13.60	34.77	PASS	
n12	15	10	140800	1@1	CP_QPSK	21.67	-8.16	11.36	34.77	13.51	34.77	PASS	
n12	15	10	140800	1@50	CP_QPSK	21.49	-8.16	11.18	34.77	13.33	34.77	PASS	
n12	15	10	140800	26@13	CP_QAM16	21.35	-8.16	11.04	34.77	13.19	34.77	PASS	
n12	15	10	140800	1@1	CP_QAM16	21.22	-8.16	10.91	34.77	13.06	34.77	PASS	
n12	15	10	140800	1@50	CP_QAM16	21.17	-8.16	10.86	34.77	13.01	34.77	PASS	
n12	15	10	140800	26@13	CP_QAM64	19.74	-8.16	9.43	34.77	11.58	34.77	PASS	
n12	15	10	140800	1@1	CP_QAM64	19.95	-8.16	9.64	34.77	11.79	34.77	PASS	
n12	15	10	140800	1@50	CP_QAM64	19.90	-8.16	9.59	34.77	11.74	34.77	PASS	
n12	15	10	140800	26@13	CP_QAM25 6	16.74	-8.16	6.43	34.77	8.58	34.77	PASS	
n12	15	10	140800	1@1	CP_QAM25 6	16.48	-8.16	6.17	34.77	8.32	34.77	PASS	
n12	15	10	140800	1@50	CP_QAM25 6	16.70	-8.16	6.39	34.77	8.54	34.77	PASS	
n12	15	10	141500	25@12	DFT_BPSK	23.21	-8.16	12.90	34.77	15.05	34.77	PASS	
n12	15	10	141500	1@1	DFT_BPSK	23.27	-8.16	12.96	34.77	15.11	34.77	PASS	
n12	15	10	141500	1@50	DFT_BPSK	23.10	-8.16	12.79	34.77	14.94	34.77	PASS	
n12	15	10	141500	25@12	DFT_QPSK	23.24	-8.16	12.93	34.77	15.08	34.77	PASS	
n12	15	10	141500	1@1	DFT_QPSK	23.08	-8.16	12.77	34.77	14.92	34.77	PASS	
n12	15	10	141500	1@50	DFT_QPSK	22.93	-8.16	12.62	34.77	14.77	34.77	PASS	
n12	15	10	141500	25@12	DFT_QAM1 6	22.25	-8.16	11.94	34.77	14.09	34.77	PASS	
n12	15	10	141500	1@1	DFT_QAM1 6	22.38	-8.16	12.07	34.77	14.22	34.77	PASS	
n12	15	10	141500	1@50	DFT_QAM1 6	22.04	-8.16	11.73	34.77	13.88	34.77	PASS	
n12	15	10	141500	25@12	DFT_QAM6 4	20.77	-8.16	10.46	34.77	12.61	34.77	PASS	
n12	15	10	141500	1@1	DFT_QAM6 4	20.81	-8.16	10.50	34.77	12.65	34.77	PASS	
n12	15	10	141500	1@50	DFT_QAM6 4	20.94	-8.16	10.63	34.77	12.78	34.77	PASS	
n12	15	10	141500	25@12	DFT_QAM2 56	18.83	-8.16	8.52	34.77	10.67	34.77	PASS	
n12	15	10	141500	1@1	DFT_QAM2	19.04	-8.16	8.73	34.77	10.88	34.77	PASS	

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n12	15	10	141500	1@50	DFT_QAM2 56	18.70	-8.16	8.39	34.77	10.54	34.77	PASS
n12	15	10	141500	26@13	CP_QPSK	21.70	-8.16	11.39	34.77	13.54	34.77	PASS
n12	15	10	141500	1@1	CP_QPSK	21.65	-8.16	11.34	34.77	13.49	34.77	PASS
n12	15	10	141500	1@50	CP_QPSK	21.42	-8.16	11.11	34.77	13.26	34.77	PASS
n12	15	10	141500	26@13	CP_QAM16	21.26	-8.16	10.95	34.77	13.10	34.77	PASS
n12	15	10	141500	1@1	CP_QAM16	21.28	-8.16	10.97	34.77	13.12	34.77	PASS
n12	15	10	141500	1@50	CP_QAM16	21.15	-8.16	10.84	34.77	12.99	34.77	PASS
n12	15	10	141500	26@13	CP_QAM64	19.73	-8.16	9.42	34.77	11.57	34.77	PASS
n12	15	10	141500	1@1	CP_QAM64	20.03	-8.16	9.72	34.77	11.87	34.77	PASS
n12	15	10	141500	1@50	CP_QAM64	19.84	-8.16	9.53	34.77	11.68	34.77	PASS
n12	15	10	141500	26@13	CP_QAM25 6	16.75	-8.16	6.44	34.77	8.59	34.77	PASS
n12	15	10	141500	1@1	CP_QAM25 6	16.35	-8.16	6.04	34.77	8.19	34.77	PASS
n12	15	10	141500	1@50	CP_QAM25 6	16.60	-8.16	6.29	34.77	8.44	34.77	PASS
n12	15	10	142200	25@12	DFT_BPSK	23.22	-8.16	12.91	34.77	15.06	34.77	PASS
n12	15	10	142200	1@1	DFT_BPSK	23.17	-8.16	12.86	34.77	15.01	34.77	PASS
n12	15	10	142200	1@50	DFT_BPSK	22.90	-8.16	12.59	34.77	14.74	34.77	PASS
n12	15	10	142200	25@12	DFT_QPSK	23.19	-8.16	12.88	34.77	15.03	34.77	PASS
n12	15	10	142200	1@1	DFT_QPSK	23.05	-8.16	12.74	34.77	14.89	34.77	PASS
n12	15	10	142200	1@50	DFT_QPSK	22.74	-8.16	12.43	34.77	14.58	34.77	PASS
n12	15	10	142200	25@12	DFT_QAM1 6	22.13	-8.16	11.82	34.77	13.97	34.77	PASS
n12	15	10	142200	1@1	DFT_QAM1 6	22.09	-8.16	11.78	34.77	13.93	34.77	PASS
n12	15	10	142200	1@50	DFT_QAM1 6	21.78	-8.16	11.47	34.77	13.62	34.77	PASS
n12	15	10	142200	25@12	DFT_QAM6 4	20.81	-8.16	10.50	34.77	12.65	34.77	PASS
n12	15	10	142200	1@1	DFT_QAM6 4	21.09	-8.16	10.78	34.77	12.93	34.77	PASS
n12	15	10	142200	1@50	DFT_QAM6 4	20.83	-8.16	10.52	34.77	12.67	34.77	PASS
n12	15	10	142200	25@12	DFT_QAM2 56	18.74	-8.16	8.43	34.77	10.58	34.77	PASS
n12	15	10	142200	1@1	DFT_QAM2 56	19.07	-8.16	8.76	34.77	10.91	34.77	PASS
n12	15	10	142200	1@50	DFT_QAM2 56	18.77	-8.16	8.46	34.77	10.61	34.77	PASS
n12	15	10	142200	26@13	CP_QPSK	21.68	-8.16	11.37	34.77	13.52	34.77	PASS
n12	15	10	142200	1@1	CP_QPSK	21.51	-8.16	11.20	34.77	13.35	34.77	PASS
n12	15	10	142200	1@50	CP_QPSK	21.22	-8.16	10.91	34.77	13.06	34.77	PASS
n12	15	10	142200	26@13	CP_QAM16	21.19	-8.16	10.88	34.77	13.03	34.77	PASS

n12	15	10	142200	1@1	CP_QAM16	21.21	-8.16	10.90	34.77	13.05	34.77	PASS
n12	15	10	142200	1@50	CP_QAM16	20.95	-8.16	10.64	34.77	12.79	34.77	PASS
n12	15	10	142200	26@13	CP_QAM64	19.58	-8.16	9.27	34.77	11.42	34.77	PASS
n12	15	10	142200	1@1	CP_QAM64	19.96	-8.16	9.65	34.77	11.80	34.77	PASS
n12	15	10	142200	1@50	CP_QAM64	19.64	-8.16	9.33	34.77	11.48	34.77	PASS
n12	15	10	142200	26@13	CP_QAM25 6	16.62	-8.16	6.31	34.77	8.46	34.77	PASS
n12	15	10	142200	1@1	CP_QAM25 6	16.75	-8.16	6.44	34.77	8.59	34.77	PASS
n12	15	10	142200	1@50	CP_QAM25 6	15.95	-8.16	5.64	34.77	7.79	34.77	PASS
n12	15	15	141300	36@18	DFT_BPSK	23.41	-8.16	13.10	34.77	15.25	34.77	PASS
n12	15	15	141300	1@1	DFT_BPSK	23.19	-8.16	12.88	34.77	15.03	34.77	PASS
n12	15	15	141300	1@77	DFT_BPSK	23.07	-8.16	12.76	34.77	14.91	34.77	PASS
n12	15	15	141300	36@18	DFT_QPSK	23.40	-8.16	13.09	34.77	15.24	34.77	PASS
n12	15	15	141300	1@1	DFT_QPSK	23.10	-8.16	12.79	34.77	14.94	34.77	PASS
n12	15	15	141300	1@77	DFT_QPSK	22.94	-8.16	12.63	34.77	14.78	34.77	PASS
n12	15	15	141300	36@18	DFT_QAM1 6	22.47	-8.16	12.16	34.77	14.31	34.77	PASS
n12	15	15	141300	1@1	DFT_QAM1 6	22.54	-8.16	12.23	34.77	14.38	34.77	PASS
n12	15	15	141300	1@77	DFT_QAM1 6	22.05	-8.16	11.74	34.77	13.89	34.77	PASS
n12	15	15	141300	36@18	DFT_QAM6 4	20.97	-8.16	10.66	34.77	12.81	34.77	PASS
n12	15	15	141300	1@1	DFT_QAM6 4	20.92	-8.16	10.61	34.77	12.76	34.77	PASS
n12	15	15	141300	1@77	DFT_QAM6 4	21.07	-8.16	10.76	34.77	12.91	34.77	PASS
n12	15	15	141300	36@18	DFT_QAM2 56	18.89	-8.16	8.58	34.77	10.73	34.77	PASS
n12	15	15	141300	1@1	DFT_QAM2 56	19.02	-8.16	8.71	34.77	10.86	34.77	PASS
n12	15	15	141300	1@77	DFT_QAM2 56	18.75	-8.16	8.44	34.77	10.59	34.77	PASS
n12	15	15	141300	39@19	CP_QPSK	21.93	-8.16	11.62	34.77	13.77	34.77	PASS
n12	15	15	141300	1@1	CP_QPSK	21.60	-8.16	11.29	34.77	13.44	34.77	PASS
n12	15	15	141300	1@77	CP_QPSK	21.57	-8.16	11.26	34.77	13.41	34.77	PASS
n12	15	15	141300	39@19	CP_QAM16	21.45	-8.16	11.14	34.77	13.29	34.77	PASS
n12	15	15	141300	1@1	CP_QAM16	21.34	-8.16	11.03	34.77	13.18	34.77	PASS
n12	15	15	141300	1@77	CP_QAM16	21.12	-8.16	10.81	34.77	12.96	34.77	PASS
n12	15	15	141300	39@19	CP_QAM64	19.95	-8.16	9.64	34.77	11.79	34.77	PASS
n12	15	15	141300	1@1	CP_QAM64	20.05	-8.16	9.74	34.77	11.89	34.77	PASS
n12	15	15	141300	1@77	CP_QAM64	19.78	-8.16	9.47	34.77	11.62	34.77	PASS
n12	15	15	141300	39@19	CP_QAM25 6	16.82	-8.16	6.51	34.77	8.66	34.77	PASS

n12	15	15	141300	1@1	CP_QAM25 6	16.44	-8.16	6.13	34.77	8.28	34.77	PASS
n12	15	15	141300	1@77	CP_QAM25 6	16.26	-8.16	5.95	34.77	8.10	34.77	PASS
n12	15	15	141500	36@18	DFT_BPSK	23.46	-8.16	13.15	34.77	15.30	34.77	PASS
n12	15	15	141500	1@1	DFT_BPSK	23.26	-8.16	12.95	34.77	15.10	34.77	PASS
n12	15	15	141500	1@77	DFT_BPSK	23.07	-8.16	12.76	34.77	14.91	34.77	PASS
n12	15	15	141500	36@18	DFT_QPSK	23.42	-8.16	13.11	34.77	15.26	34.77	PASS
n12	15	15	141500	1@1	DFT_QPSK	23.22	-8.16	12.91	34.77	15.06	34.77	PASS
n12	15	15	141500	1@77	DFT_QPSK	23.00	-8.16	12.69	34.77	14.84	34.77	PASS
n12	15	15	141500	36@18	DFT_QAM1 6	22.50	-8.16	12.19	34.77	14.34	34.77	PASS
n12	15	15	141500	1@1	DFT_QAM1 6	22.57	-8.16	12.26	34.77	14.41	34.77	PASS
n12	15	15	141500	1@77	DFT_QAM1 6	22.22	-8.16	11.91	34.77	14.06	34.77	PASS
n12	15	15	141500	36@18	DFT_QAM6 4	21.01	-8.16	10.70	34.77	12.85	34.77	PASS
n12	15	15	141500	1@1	DFT_QAM6 4	21.21	-8.16	10.90	34.77	13.05	34.77	PASS
n12	15	15	141500	1@77	DFT_QAM6 4	20.67	-8.16	10.36	34.77	12.51	34.77	PASS
n12	15	15	141500	36@18	DFT_QAM2 56	18.91	-8.16	8.60	34.77	10.75	34.77	PASS
n12	15	15	141500	1@1	DFT_QAM2 56	19.16	-8.16	8.85	34.77	11.00	34.77	PASS
n12	15	15	141500	1@77	DFT_QAM2 56	18.73	-8.16	8.42	34.77	10.57	34.77	PASS
n12	15	15	141500	39@19	CP_QPSK	21.88	-8.16	11.57	34.77	13.72	34.77	PASS
n12	15	15	141500	1@1	CP_QPSK	21.74	-8.16	11.43	34.77	13.58	34.77	PASS
n12	15	15	141500	1@77	CP_QPSK	21.41	-8.16	11.10	34.77	13.25	34.77	PASS
n12	15	15	141500	39@19	CP_QAM16	21.38	-8.16	11.07	34.77	13.22	34.77	PASS
n12	15	15	141500	1@1	CP_QAM16	21.37	-8.16	11.06	34.77	13.21	34.77	PASS
n12	15	15	141500	1@77	CP_QAM16	21.15	-8.16	10.84	34.77	12.99	34.77	PASS
n12	15	15	141500	39@19	CP_QAM64	19.84	-8.16	9.53	34.77	11.68	34.77	PASS
n12	15	15	141500	1@1	CP_QAM64	20.10	-8.16	9.79	34.77	11.94	34.77	PASS
n12	15	15	141500	1@77	CP_QAM64	19.91	-8.16	9.60	34.77	11.75	34.77	PASS
n12	15	15	141500	39@19	CP_QAM25 6	16.82	-8.16	6.51	34.77	8.66	34.77	PASS
n12	15	15	141500	1@1	CP_QAM25 6	16.48	-8.16	6.17	34.77	8.32	34.77	PASS
n12	15	15	141500	1@77	CP_QAM25 6	16.23	-8.16	5.92	34.77	8.07	34.77	PASS
n12	15	15	141700	36@18	DFT_BPSK	23.43	-8.16	13.12	34.77	15.27	34.77	PASS
n12	15	15	141700	1@1	DFT_BPSK	23.40	-8.16	13.09	34.77	15.24	34.77	PASS
n12	15	15	141700	1@77	DFT_BPSK	22.91	-8.16	12.60	34.77	14.75	34.77	PASS

n12	15	15	141700	36@18	DFT_QPSK	23.36	-8.16	13.05	34.77	15.20	34.77	PASS
n12	15	15	141700	1@1	DFT_QPSK	23.24	-8.16	12.93	34.77	15.08	34.77	PASS
n12	15	15	141700	1@77	DFT_QPSK	22.88	-8.16	12.57	34.77	14.72	34.77	PASS
n12	15	15	141700	36@18	DFT_QAM1 6	22.52	-8.16	12.21	34.77	14.36	34.77	PASS
n12	15	15	141700	1@1	DFT_QAM1 6	22.59	-8.16	12.28	34.77	14.43	34.77	PASS
n12	15	15	141700	1@77	DFT_QAM1 6	22.16	-8.16	11.85	34.77	14.00	34.77	PASS
n12	15	15	141700	36@18	DFT_QAM6 4	20.89	-8.16	10.58	34.77	12.73	34.77	PASS
n12	15	15	141700	1@1	DFT_QAM6 4	21.28	-8.16	10.97	34.77	13.12	34.77	PASS
n12	15	15	141700	1@77	DFT_QAM6 4	20.91	-8.16	10.60	34.77	12.75	34.77	PASS
n12	15	15	141700	36@18	DFT_QAM2 56	18.95	-8.16	8.64	34.77	10.79	34.77	PASS
n12	15	15	141700	1@1	DFT_QAM2 56	19.21	-8.16	8.90	34.77	11.05	34.77	PASS
n12	15	15	141700	1@77	DFT_QAM2 56	18.79	-8.16	8.48	34.77	10.63	34.77	PASS
n12	15	15	141700	39@19	CP_QPSK	21.86	-8.16	11.55	34.77	13.70	34.77	PASS
n12	15	15	141700	1@1	CP_QPSK	21.61	-8.16	11.30	34.77	13.45	34.77	PASS
n12	15	15	141700	1@77	CP_QPSK	21.42	-8.16	11.11	34.77	13.26	34.77	PASS
n12	15	15	141700	39@19	CP_QAM16	21.39	-8.16	11.08	34.77	13.23	34.77	PASS
n12	15	15	141700	1@1	CP_QAM16	21.58	-8.16	11.27	34.77	13.42	34.77	PASS
n12	15	15	141700	1@77	CP_QAM16	21.30	-8.16	10.99	34.77	13.14	34.77	PASS
n12	15	15	141700	39@19	CP_QAM64	19.91	-8.16	9.60	34.77	11.75	34.77	PASS
n12	15	15	141700	1@1	CP_QAM64	20.08	-8.16	9.77	34.77	11.92	34.77	PASS
n12	15	15	141700	1@77	CP_QAM64	19.69	-8.16	9.38	34.77	11.53	34.77	PASS
n12	15	15	141700	39@19	CP_QAM25 6	16.85	-8.16	6.54	34.77	8.69	34.77	PASS
n12	15	15	141700	1@1	CP_QAM25 6	16.94	-8.16	6.63	34.77	8.78	34.77	PASS
n12	15	15	141700	1@77	CP_QAM25 6	16.55	-8.16	6.24	34.77	8.39	34.77	PASS



Appendix 5G NR -n38 - SCS 15KHz

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n38	15	5	514500	12@6	DFT_BPSK	22.58	-3.76	16.67	33.01	18.82	33.01	PASS
n38	15	5	514500	1@1	DFT_BPSK	22.60	-3.76	16.69	33.01	18.84	33.01	PASS
n38	15	5	514500	1@23	DFT_BPSK	22.38	-3.76	16.47	33.01	18.62	33.01	PASS
n38	15	5	514500	12@6	DFT_QPSK	22.55	-3.76	16.64	33.01	18.79	33.01	PASS
n38	15	5	514500	1@1	DFT_QPSK	22.33	-3.76	16.42	33.01	18.57	33.01	PASS
n38	15	5	514500	1@23	DFT_QPSK	22.21	-3.76	16.30	33.01	18.45	33.01	PASS
n38	15	5	514500	12@6	DFT_QAM16	21.56	-3.76	15.65	33.01	17.80	33.01	PASS
n38	15	5	514500	1@1	DFT_QAM16	21.76	-3.76	15.85	33.01	18.00	33.01	PASS
n38	15	5	514500	1@23	DFT_QAM16	21.66	-3.76	15.75	33.01	17.90	33.01	PASS
n38	15	5	514500	12@6	DFT_QAM64	20.12	-3.76	14.21	33.01	16.36	33.01	PASS
n38	15	5	514500	1@1	DFT_QAM64	20.03	-3.76	14.12	33.01	16.27	33.01	PASS
n38	15	5	514500	1@23	DFT_QAM64	19.94	-3.76	14.03	33.01	16.18	33.01	PASS
n38	15	5	514500	12@6	DFT_QAM256	18.05	-3.76	12.14	33.01	14.29	33.01	PASS
n38	15	5	514500	1@1	DFT_QAM256	18.24	-3.76	12.33	33.01	14.48	33.01	PASS
n38	15	5	514500	1@23	DFT_QAM256	18.19	-3.76	12.28	33.01	14.43	33.01	PASS
n38	15	5	514500	13@6	CP_QPSK	20.99	-3.76	15.08	33.01	17.23	33.01	PASS
n38	15	5	514500	1@1	CP_QPSK	20.92	-3.76	15.01	33.01	17.16	33.01	PASS
n38	15	5	514500	1@23	CP_QPSK	20.84	-3.76	14.93	33.01	17.08	33.01	PASS
n38	15	5	514500	13@6	CP_QAM16	20.41	-3.76	14.50	33.01	16.65	33.01	PASS
n38	15	5	514500	1@1	CP_QAM16	20.45	-3.76	14.54	33.01	16.69	33.01	PASS
n38	15	5	514500	1@23	CP_QAM16	20.61	-3.76	14.70	33.01	16.85	33.01	PASS
n38	15	5	514500	13@6	CP_QAM64	18.92	-3.76	13.01	33.01	15.16	33.01	PASS
n38	15	5	514500	1@1	CP_QAM64	18.69	-3.76	12.78	33.01	14.93	33.01	PASS
n38	15	5	514500	1@23	CP_QAM64	19.05	-3.76	13.14	33.01	15.29	33.01	PASS
n38	15	5	514500	13@6	CP_QAM256	16.01	-3.76	10.10	33.01	12.25	33.01	PASS
n38	15	5	514500	1@1	CP_QAM256	16.44	-3.76	10.53	33.01	12.68	33.01	PASS
n38	15	5	514500	1@23	CP_QAM256	16.51	-3.76	10.60	33.01	12.75	33.01	PASS

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n38	15	5	518500	12@6	DFT_BPSK	22.32	-3.76	16.41	33.01	18.56	33.01	PASS
n38	15	5	518500	1@1	DFT_BPSK	22.30	-3.76	16.39	33.01	18.54	33.01	PASS
n38	15	5	518500	1@23	DFT_BPSK	22.36	-3.76	16.45	33.01	18.60	33.01	PASS
n38	15	5	518500	12@6	DFT_QPSK	22.36	-3.76	16.45	33.01	18.60	33.01	PASS
n38	15	5	518500	1@1	DFT_QPSK	22.16	-3.76	16.25	33.01	18.40	33.01	PASS
n38	15	5	518500	1@23	DFT_QPSK	22.21	-3.76	16.30	33.01	18.45	33.01	PASS
n38	15	5	518500	12@6	DFT_QAM1 6	21.38	-3.76	15.47	33.01	17.62	33.01	PASS
n38	15	5	518500	1@1	DFT_QAM1 6	21.26	-3.76	15.35	33.01	17.50	33.01	PASS
n38	15	5	518500	1@23	DFT_QAM1 6	21.34	-3.76	15.43	33.01	17.58	33.01	PASS
n38	15	5	518500	12@6	DFT_QAM6 4	19.88	-3.76	13.97	33.01	16.12	33.01	PASS
n38	15	5	518500	1@1	DFT_QAM6 4	20.03	-3.76	14.12	33.01	16.27	33.01	PASS
n38	15	5	518500	1@23	DFT_QAM6 4	19.74	-3.76	13.83	33.01	15.98	33.01	PASS
n38	15	5	518500	12@6	DFT_QAM2 56	17.86	-3.76	11.95	33.01	14.10	33.01	PASS
n38	15	5	518500	1@1	DFT_QAM2 56	17.93	-3.76	12.02	33.01	14.17	33.01	PASS
n38	15	5	518500	1@23	DFT_QAM2 56	18.05	-3.76	12.14	33.01	14.29	33.01	PASS
n38	15	5	518500	13@6	CP_QPSK	20.77	-3.76	14.86	33.01	17.01	33.01	PASS
n38	15	5	518500	1@1	CP_QPSK	20.55	-3.76	14.64	33.01	16.79	33.01	PASS
n38	15	5	518500	1@23	CP_QPSK	20.64	-3.76	14.73	33.01	16.88	33.01	PASS
n38	15	5	518500	13@6	CP_QAM16	20.30	-3.76	14.39	33.01	16.54	33.01	PASS
n38	15	5	518500	1@1	CP_QAM16	20.45	-3.76	14.54	33.01	16.69	33.01	PASS
n38	15	5	518500	1@23	CP_QAM16	20.29	-3.76	14.38	33.01	16.53	33.01	PASS
n38	15	5	518500	13@6	CP_QAM64	18.71	-3.76	12.80	33.01	14.95	33.01	PASS
n38	15	5	518500	1@1	CP_QAM64	18.86	-3.76	12.95	33.01	15.10	33.01	PASS
n38	15	5	518500	1@23	CP_QAM64	18.64	-3.76	12.73	33.01	14.88	33.01	PASS
n38	15	5	518500	13@6	CP_QAM25 6	15.90	-3.76	9.99	33.01	12.14	33.01	PASS
n38	15	5	518500	1@1	CP_QAM25 6	16.17	-3.76	10.26	33.01	12.41	33.01	PASS
n38	15	5	518500	1@23	CP_QAM25 6	16.13	-3.76	10.22	33.01	12.37	33.01	PASS
n38	15	5	523500	12@6	DFT_BPSK	22.17	-3.76	16.26	33.01	18.41	33.01	PASS
n38	15	5	523500	1@1	DFT_BPSK	22.23	-3.76	16.32	33.01	18.47	33.01	PASS
n38	15	5	523500	1@23	DFT_BPSK	22.05	-3.76	16.14	33.01	18.29	33.01	PASS
n38	15	5	523500	12@6	DFT_QPSK	22.13	-3.76	16.22	33.01	18.37	33.01	PASS
n38	15	5	523500	1@1	DFT_QPSK	22.04	-3.76	16.13	33.01	18.28	33.01	PASS

n38	15	5	523500	1@23	DFT_QPSK	22.01	-3.76	16.10	33.01	18.25	33.01	PASS
n38	15	5	523500	12@6	DFT_QAM1 6	21.36	-3.76	15.45	33.01	17.60	33.01	PASS
n38	15	5	523500	1@1	DFT_QAM1 6	21.50	-3.76	15.59	33.01	17.74	33.01	PASS
n38	15	5	523500	1@23	DFT_QAM1 6	21.45	-3.76	15.54	33.01	17.69	33.01	PASS
n38	15	5	523500	12@6	DFT_QAM6 4	19.70	-3.76	13.79	33.01	15.94	33.01	PASS
n38	15	5	523500	1@1	DFT_QAM6 4	19.64	-3.76	13.73	33.01	15.88	33.01	PASS
n38	15	5	523500	1@23	DFT_QAM6 4	19.50	-3.76	13.59	33.01	15.74	33.01	PASS
n38	15	5	523500	12@6	DFT_QAM2 56	17.67	-3.76	11.76	33.01	13.91	33.01	PASS
n38	15	5	523500	1@1	DFT_QAM2 56	17.94	-3.76	12.03	33.01	14.18	33.01	PASS
n38	15	5	523500	1@23	DFT_QAM2 56	17.72	-3.76	11.81	33.01	13.96	33.01	PASS
n38	15	5	523500	13@6	CP_QPSK	20.57	-3.76	14.66	33.01	16.81	33.01	PASS
n38	15	5	523500	1@1	CP_QPSK	20.65	-3.76	14.74	33.01	16.89	33.01	PASS
n38	15	5	523500	1@23	CP_QPSK	20.46	-3.76	14.55	33.01	16.70	33.01	PASS
n38	15	5	523500	13@6	CP_QAM16	20.17	-3.76	14.26	33.01	16.41	33.01	PASS
n38	15	5	523500	1@1	CP_QAM16	20.45	-3.76	14.54	33.01	16.69	33.01	PASS
n38	15	5	523500	1@23	CP_QAM16	20.06	-3.76	14.15	33.01	16.30	33.01	PASS
n38	15	5	523500	13@6	CP_QAM64	18.62	-3.76	12.71	33.01	14.86	33.01	PASS
n38	15	5	523500	1@1	CP_QAM64	18.89	-3.76	12.98	33.01	15.13	33.01	PASS
n38	15	5	523500	1@23	CP_QAM64	18.76	-3.76	12.85	33.01	15.00	33.01	PASS
n38	15	5	523500	13@6	CP_QAM25 6	15.78	-3.76	9.87	33.01	12.02	33.01	PASS
n38	15	5	523500	1@1	CP_QAM25 6	16.08	-3.76	10.17	33.01	12.32	33.01	PASS
n38	15	5	523500	1@23	CP_QAM25 6	15.92	-3.76	10.01	33.01	12.16	33.01	PASS
n38	15	10	515000	25@12	DFT_BPSK	22.33	-3.76	16.42	33.01	18.57	33.01	PASS
n38	15	10	515000	1@1	DFT_BPSK	22.31	-3.76	16.40	33.01	18.55	33.01	PASS
n38	15	10	515000	1@50	DFT_BPSK	22.08	-3.76	16.17	33.01	18.32	33.01	PASS
n38	15	10	515000	25@12	DFT_QPSK	22.33	-3.76	16.42	33.01	18.57	33.01	PASS
n38	15	10	515000	1@1	DFT_QPSK	22.19	-3.76	16.28	33.01	18.43	33.01	PASS
n38	15	10	515000	1@50	DFT_QPSK	22.05	-3.76	16.14	33.01	18.29	33.01	PASS
n38	15	10	515000	25@12	DFT_QAM1 6	21.33	-3.76	15.42	33.01	17.57	33.01	PASS
n38	15	10	515000	1@1	DFT_QAM1 6	21.50	-3.76	15.59	33.01	17.74	33.01	PASS
n38	15	10	515000	1@50	DFT_QAM1 6	21.36	-3.76	15.45	33.01	17.60	33.01	PASS
n38	15	10	515000	25@12	DFT_QAM6	19.85	-3.76	13.94	33.01	16.09	33.01	PASS

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n38	15	10	515000	1@1	DFT_QAM6 4	19.65	-3.76	13.74	33.01	15.89	33.01	PASS	
n38	15	10	515000	1@50	DFT_QAM6 4	19.47	-3.76	13.56	33.01	15.71	33.01	PASS	
n38	15	10	515000	25@12	DFT_QAM2 56	17.71	-3.76	11.80	33.01	13.95	33.01	PASS	
n38	15	10	515000	1@1	DFT_QAM2 56	17.95	-3.76	12.04	33.01	14.19	33.01	PASS	
n38	15	10	515000	1@50	DFT_QAM2 56	17.89	-3.76	11.98	33.01	14.13	33.01	PASS	
n38	15	10	515000	26@13	CP_QPSK	20.75	-3.76	14.84	33.01	16.99	33.01	PASS	
n38	15	10	515000	1@1	CP_QPSK	20.77	-3.76	14.86	33.01	17.01	33.01	PASS	
n38	15	10	515000	1@50	CP_QPSK	20.45	-3.76	14.54	33.01	16.69	33.01	PASS	
n38	15	10	515000	26@13	CP_QAM16	20.21	-3.76	14.30	33.01	16.45	33.01	PASS	
n38	15	10	515000	1@1	CP_QAM16	20.48	-3.76	14.57	33.01	16.72	33.01	PASS	
n38	15	10	515000	1@50	CP_QAM16	20.09	-3.76	14.18	33.01	16.33	33.01	PASS	
n38	15	10	515000	26@13	CP_QAM64	18.72	-3.76	12.81	33.01	14.96	33.01	PASS	
n38	15	10	515000	1@1	CP_QAM64	18.86	-3.76	12.95	33.01	15.10	33.01	PASS	
n38	15	10	515000	1@50	CP_QAM64	18.45	-3.76	12.54	33.01	14.69	33.01	PASS	
n38	15	10	515000	26@13	CP_QAM25 6	15.80	-3.76	9.89	33.01	12.04	33.01	PASS	
n38	15	10	515000	1@1	CP_QAM25 6	16.20	-3.76	10.29	33.01	12.44	33.01	PASS	
n38	15	10	515000	1@50	CP_QAM25 6	16.04	-3.76	10.13	33.01	12.28	33.01	PASS	
n38	15	10	519000	25@12	DFT_BPSK	22.08	-3.76	16.17	33.01	18.32	33.01	PASS	
n38	15	10	519000	1@1	DFT_BPSK	22.06	-3.76	16.15	33.01	18.30	33.01	PASS	
n38	15	10	519000	1@50	DFT_BPSK	22.24	-3.76	16.33	33.01	18.48	33.01	PASS	
n38	15	10	519000	25@12	DFT_QPSK	22.12	-3.76	16.21	33.01	18.36	33.01	PASS	
n38	15	10	519000	1@1	DFT_QPSK	21.87	-3.76	15.96	33.01	18.11	33.01	PASS	
n38	15	10	519000	1@50	DFT_QPSK	22.01	-3.76	16.10	33.01	18.25	33.01	PASS	
n38	15	10	519000	25@12	DFT_QAM1 6	21.21	-3.76	15.30	33.01	17.45	33.01	PASS	
n38	15	10	519000	1@1	DFT_QAM1 6	21.10	-3.76	15.19	33.01	17.34	33.01	PASS	
n38	15	10	519000	1@50	DFT_QAM1 6	21.33	-3.76	15.42	33.01	17.57	33.01	PASS	
n38	15	10	519000	25@12	DFT_QAM6 4	19.67	-3.76	13.76	33.01	15.91	33.01	PASS	
n38	15	10	519000	1@1	DFT_QAM6 4	19.76	-3.76	13.85	33.01	16.00	33.01	PASS	
n38	15	10	519000	1@50	DFT_QAM6 4	19.89	-3.76	13.98	33.01	16.13	33.01	PASS	
n38	15	10	519000	25@12	DFT_QAM2 56	17.52	-3.76	11.61	33.01	13.76	33.01	PASS	
n38	15	10	519000	1@1	DFT_QAM2	17.74	-3.76	11.83	33.01	13.98	33.01	PASS	

					56								
n38	15	10	519000	1@50	DFT_QAM2 56	17.88	-3.76	11.97	33.01	14.12	33.01	PASS	
n38	15	10	519000	26@13	CP_QPSK	20.65	-3.76	14.74	33.01	16.89	33.01	PASS	
n38	15	10	519000	1@1	CP_QPSK	20.31	-3.76	14.40	33.01	16.55	33.01	PASS	
n38	15	10	519000	1@50	CP_QPSK	20.57	-3.76	14.66	33.01	16.81	33.01	PASS	
n38	15	10	519000	26@13	CP_QAM16	20.08	-3.76	14.17	33.01	16.32	33.01	PASS	
n38	15	10	519000	1@1	CP_QAM16	20.00	-3.76	14.09	33.01	16.24	33.01	PASS	
n38	15	10	519000	1@50	CP_QAM16	20.34	-3.76	14.43	33.01	16.58	33.01	PASS	
n38	15	10	519000	26@13	CP_QAM64	18.63	-3.76	12.72	33.01	14.87	33.01	PASS	
n38	15	10	519000	1@1	CP_QAM64	18.41	-3.76	12.50	33.01	14.65	33.01	PASS	
n38	15	10	519000	1@50	CP_QAM64	18.92	-3.76	13.01	33.01	15.16	33.01	PASS	
n38	15	10	519000	26@13	CP_QAM25 6	15.73	-3.76	9.82	33.01	11.97	33.01	PASS	
n38	15	10	519000	1@1	CP_QAM25 6	15.92	-3.76	10.01	33.01	12.16	33.01	PASS	
n38	15	10	519000	1@50	CP_QAM25 6	15.96	-3.76	10.05	33.01	12.20	33.01	PASS	
n38	15	10	523000	25@12	DFT_BPSK	22.09	-3.76	16.18	33.01	18.33	33.01	PASS	
n38	15	10	523000	1@1	DFT_BPSK	22.16	-3.76	16.25	33.01	18.40	33.01	PASS	
n38	15	10	523000	1@50	DFT_BPSK	21.93	-3.76	16.02	33.01	18.17	33.01	PASS	
n38	15	10	523000	25@12	DFT_QPSK	22.07	-3.76	16.16	33.01	18.31	33.01	PASS	
n38	15	10	523000	1@1	DFT_QPSK	22.02	-3.76	16.11	33.01	18.26	33.01	PASS	
n38	15	10	523000	1@50	DFT_QPSK	21.74	-3.76	15.83	33.01	17.98	33.01	PASS	
n38	15	10	523000	25@12	DFT_QAM1 6	21.05	-3.76	15.14	33.01	17.29	33.01	PASS	
n38	15	10	523000	1@1	DFT_QAM1 6	21.18	-3.76	15.27	33.01	17.42	33.01	PASS	
n38	15	10	523000	1@50	DFT_QAM1 6	21.14	-3.76	15.23	33.01	17.38	33.01	PASS	
n38	15	10	523000	25@12	DFT_QAM6 4	19.54	-3.76	13.63	33.01	15.78	33.01	PASS	
n38	15	10	523000	1@1	DFT_QAM6 4	19.88	-3.76	13.97	33.01	16.12	33.01	PASS	
n38	15	10	523000	1@50	DFT_QAM6 4	19.23	-3.76	13.32	33.01	15.47	33.01	PASS	
n38	15	10	523000	25@12	DFT_QAM2 56	17.54	-3.76	11.63	33.01	13.78	33.01	PASS	
n38	15	10	523000	1@1	DFT_QAM2 56	17.87	-3.76	11.96	33.01	14.11	33.01	PASS	
n38	15	10	523000	1@50	DFT_QAM2 56	17.50	-3.76	11.59	33.01	13.74	33.01	PASS	
n38	15	10	523000	26@13	CP_QPSK	20.50	-3.76	14.59	33.01	16.74	33.01	PASS	
n38	15	10	523000	1@1	CP_QPSK	20.57	-3.76	14.66	33.01	16.81	33.01	PASS	
n38	15	10	523000	1@50	CP_QPSK	20.39	-3.76	14.48	33.01	16.63	33.01	PASS	
n38	15	10	523000	26@13	CP_QAM16	20.01	-3.76	14.10	33.01	16.25	33.01	PASS	

n38	15	10	523000	1@1	CP_QAM16	20.31	-3.76	14.40	33.01	16.55	33.01	PASS
n38	15	10	523000	1@50	CP_QAM16	19.85	-3.76	13.94	33.01	16.09	33.01	PASS
n38	15	10	523000	26@13	CP_QAM64	18.50	-3.76	12.59	33.01	14.74	33.01	PASS
n38	15	10	523000	1@1	CP_QAM64	18.40	-3.76	12.49	33.01	14.64	33.01	PASS
n38	15	10	523000	1@50	CP_QAM64	18.47	-3.76	12.56	33.01	14.71	33.01	PASS
n38	15	10	523000	26@13	CP_QAM256	15.66	-3.76	9.75	33.01	11.90	33.01	PASS
n38	15	10	523000	1@1	CP_QAM256	16.00	-3.76	10.09	33.01	12.24	33.01	PASS
n38	15	10	523000	1@50	CP_QAM256	15.74	-3.76	9.83	33.01	11.98	33.01	PASS
n38	15	15	515500	36@18	DFT_BPSK	22.43	-3.76	16.52	33.01	18.67	33.01	PASS
n38	15	15	515500	1@1	DFT_BPSK	22.48	-3.76	16.57	33.01	18.72	33.01	PASS
n38	15	15	515500	1@77	DFT_BPSK	22.17	-3.76	16.26	33.01	18.41	33.01	PASS
n38	15	15	515500	36@18	DFT_QPSK	22.46	-3.76	16.55	33.01	18.70	33.01	PASS
n38	15	15	515500	1@1	DFT_QPSK	22.32	-3.76	16.41	33.01	18.56	33.01	PASS
n38	15	15	515500	1@77	DFT_QPSK	21.93	-3.76	16.02	33.01	18.17	33.01	PASS
n38	15	15	515500	36@18	DFT_QAM16	21.40	-3.76	15.49	33.01	17.64	33.01	PASS
n38	15	15	515500	1@1	DFT_QAM16	21.69	-3.76	15.78	33.01	17.93	33.01	PASS
n38	15	15	515500	1@77	DFT_QAM16	21.26	-3.76	15.35	33.01	17.50	33.01	PASS
n38	15	15	515500	36@18	DFT_QAM64	19.91	-3.76	14.00	33.01	16.15	33.01	PASS
n38	15	15	515500	1@1	DFT_QAM64	19.81	-3.76	13.90	33.01	16.05	33.01	PASS
n38	15	15	515500	1@77	DFT_QAM64	19.56	-3.76	13.65	33.01	15.80	33.01	PASS
n38	15	15	515500	36@18	DFT_QAM256	17.83	-3.76	11.92	33.01	14.07	33.01	PASS
n38	15	15	515500	1@1	DFT_QAM256	18.19	-3.76	12.28	33.01	14.43	33.01	PASS
n38	15	15	515500	1@77	DFT_QAM256	17.90	-3.76	11.99	33.01	14.14	33.01	PASS
n38	15	15	515500	39@19	CP_QPSK	20.83	-3.76	14.92	33.01	17.07	33.01	PASS
n38	15	15	515500	1@1	CP_QPSK	20.83	-3.76	14.92	33.01	17.07	33.01	PASS
n38	15	15	515500	1@77	CP_QPSK	20.56	-3.76	14.65	33.01	16.80	33.01	PASS
n38	15	15	515500	39@19	CP_QAM16	20.34	-3.76	14.43	33.01	16.58	33.01	PASS
n38	15	15	515500	1@1	CP_QAM16	20.39	-3.76	14.48	33.01	16.63	33.01	PASS
n38	15	15	515500	1@77	CP_QAM16	20.09	-3.76	14.18	33.01	16.33	33.01	PASS
n38	15	15	515500	39@19	CP_QAM64	18.80	-3.76	12.89	33.01	15.04	33.01	PASS
n38	15	15	515500	1@1	CP_QAM64	19.10	-3.76	13.19	33.01	15.34	33.01	PASS
n38	15	15	515500	1@77	CP_QAM64	18.54	-3.76	12.63	33.01	14.78	33.01	PASS
n38	15	15	515500	39@19	CP_QAM256	16.04	-3.76	10.13	33.01	12.28	33.01	PASS

n38	15	15	515500	1@1	CP_QAM25 6	16.28	-3.76	10.37	33.01	12.52	33.01	PASS
n38	15	15	515500	1@77	CP_QAM25 6	15.96	-3.76	10.05	33.01	12.20	33.01	PASS
n38	15	15	519000	36@18	DFT_BPSK	22.30	-3.76	16.39	33.01	18.54	33.01	PASS
n38	15	15	519000	1@1	DFT_BPSK	22.10	-3.76	16.19	33.01	18.34	33.01	PASS
n38	15	15	519000	1@77	DFT_BPSK	22.31	-3.76	16.40	33.01	18.55	33.01	PASS
n38	15	15	519000	36@18	DFT_QPSK	22.23	-3.76	16.32	33.01	18.47	33.01	PASS
n38	15	15	519000	1@1	DFT_QPSK	21.98	-3.76	16.07	33.01	18.22	33.01	PASS
n38	15	15	519000	1@77	DFT_QPSK	22.15	-3.76	16.24	33.01	18.39	33.01	PASS
n38	15	15	519000	36@18	DFT_QAM1 6	21.35	-3.76	15.44	33.01	17.59	33.01	PASS
n38	15	15	519000	1@1	DFT_QAM1 6	21.28	-3.76	15.37	33.01	17.52	33.01	PASS
n38	15	15	519000	1@77	DFT_QAM1 6	21.33	-3.76	15.42	33.01	17.57	33.01	PASS
n38	15	15	519000	36@18	DFT_QAM6 4	19.73	-3.76	13.82	33.01	15.97	33.01	PASS
n38	15	15	519000	1@1	DFT_QAM6 4	19.45	-3.76	13.54	33.01	15.69	33.01	PASS
n38	15	15	519000	1@77	DFT_QAM6 4	19.58	-3.76	13.67	33.01	15.82	33.01	PASS
n38	15	15	519000	36@18	DFT_QAM2 56	17.63	-3.76	11.72	33.01	13.87	33.01	PASS
n38	15	15	519000	1@1	DFT_QAM2 56	17.79	-3.76	11.88	33.01	14.03	33.01	PASS
n38	15	15	519000	1@77	DFT_QAM2 56	18.00	-3.76	12.09	33.01	14.24	33.01	PASS
n38	15	15	519000	39@19	CP_QPSK	20.70	-3.76	14.79	33.01	16.94	33.01	PASS
n38	15	15	519000	1@1	CP_QPSK	20.40	-3.76	14.49	33.01	16.64	33.01	PASS
n38	15	15	519000	1@77	CP_QPSK	20.68	-3.76	14.77	33.01	16.92	33.01	PASS
n38	15	15	519000	39@19	CP_QAM16	20.30	-3.76	14.39	33.01	16.54	33.01	PASS
n38	15	15	519000	1@1	CP_QAM16	20.30	-3.76	14.39	33.01	16.54	33.01	PASS
n38	15	15	519000	1@77	CP_QAM16	20.52	-3.76	14.61	33.01	16.76	33.01	PASS
n38	15	15	519000	39@19	CP_QAM64	18.77	-3.76	12.86	33.01	15.01	33.01	PASS
n38	15	15	519000	1@1	CP_QAM64	18.81	-3.76	12.90	33.01	15.05	33.01	PASS
n38	15	15	519000	1@77	CP_QAM64	18.78	-3.76	12.87	33.01	15.02	33.01	PASS
n38	15	15	519000	39@19	CP_QAM25 6	15.85	-3.76	9.94	33.01	12.09	33.01	PASS
n38	15	15	519000	1@1	CP_QAM25 6	15.89	-3.76	9.98	33.01	12.13	33.01	PASS
n38	15	15	519000	1@77	CP_QAM25 6	16.21	-3.76	10.30	33.01	12.45	33.01	PASS
n38	15	15	522500	36@18	DFT_BPSK	22.29	-3.76	16.38	33.01	18.53	33.01	PASS
n38	15	15	522500	1@1	DFT_BPSK	22.18	-3.76	16.27	33.01	18.42	33.01	PASS
n38	15	15	522500	1@77	DFT_BPSK	21.91	-3.76	16.00	33.01	18.15	33.01	PASS

n38	15	15	522500	36@18	DFT_QPSK	22.33	-3.76	16.42	33.01	18.57	33.01	PASS
n38	15	15	522500	1@1	DFT_QPSK	22.17	-3.76	16.26	33.01	18.41	33.01	PASS
n38	15	15	522500	1@77	DFT_QPSK	21.83	-3.76	15.92	33.01	18.07	33.01	PASS
n38	15	15	522500	36@18	DFT_QAM1 6	21.31	-3.76	15.40	33.01	17.55	33.01	PASS
n38	15	15	522500	1@1	DFT_QAM1 6	21.49	-3.76	15.58	33.01	17.73	33.01	PASS
n38	15	15	522500	1@77	DFT_QAM1 6	21.14	-3.76	15.23	33.01	17.38	33.01	PASS
n38	15	15	522500	36@18	DFT_QAM6 4	19.83	-3.76	13.92	33.01	16.07	33.01	PASS
n38	15	15	522500	1@1	DFT_QAM6 4	19.75	-3.76	13.84	33.01	15.99	33.01	PASS
n38	15	15	522500	1@77	DFT_QAM6 4	19.38	-3.76	13.47	33.01	15.62	33.01	PASS
n38	15	15	522500	36@18	DFT_QAM2 56	17.72	-3.76	11.81	33.01	13.96	33.01	PASS
n38	15	15	522500	1@1	DFT_QAM2 56	17.91	-3.76	12.00	33.01	14.15	33.01	PASS
n38	15	15	522500	1@77	DFT_QAM2 56	17.83	-3.76	11.92	33.01	14.07	33.01	PASS
n38	15	15	522500	39@19	CP_QPSK	20.71	-3.76	14.80	33.01	16.95	33.01	PASS
n38	15	15	522500	1@1	CP_QPSK	20.55	-3.76	14.64	33.01	16.79	33.01	PASS
n38	15	15	522500	1@77	CP_QPSK	20.28	-3.76	14.37	33.01	16.52	33.01	PASS
n38	15	15	522500	39@19	CP_QAM16	20.27	-3.76	14.36	33.01	16.51	33.01	PASS
n38	15	15	522500	1@1	CP_QAM16	20.45	-3.76	14.54	33.01	16.69	33.01	PASS
n38	15	15	522500	1@77	CP_QAM16	20.15	-3.76	14.24	33.01	16.39	33.01	PASS
n38	15	15	522500	39@19	CP_QAM64	18.67	-3.76	12.76	33.01	14.91	33.01	PASS
n38	15	15	522500	1@1	CP_QAM64	19.05	-3.76	13.14	33.01	15.29	33.01	PASS
n38	15	15	522500	1@77	CP_QAM64	18.74	-3.76	12.83	33.01	14.98	33.01	PASS
n38	15	15	522500	39@19	CP_QAM25 6	15.94	-3.76	10.03	33.01	12.18	33.01	PASS
n38	15	15	522500	1@1	CP_QAM25 6	16.18	-3.76	10.27	33.01	12.42	33.01	PASS
n38	15	15	522500	1@77	CP_QAM25 6	15.76	-3.76	9.85	33.01	12.00	33.01	PASS
n38	15	20	516000	50@25	DFT_BPSK	22.38	-3.76	16.47	33.01	18.62	33.01	PASS
n38	15	20	516000	1@1	DFT_BPSK	22.47	-3.76	16.56	33.01	18.71	33.01	PASS
n38	15	20	516000	1@104	DFT_BPSK	22.16	-3.76	16.25	33.01	18.40	33.01	PASS
n38	15	20	516000	50@25	DFT_QPSK	22.32	-3.76	16.41	33.01	18.56	33.01	PASS
n38	15	20	516000	1@1	DFT_QPSK	22.24	-3.76	16.33	33.01	18.48	33.01	PASS
n38	15	20	516000	1@104	DFT_QPSK	21.97	-3.76	16.06	33.01	18.21	33.01	PASS
n38	15	20	516000	50@25	DFT_QAM1 6	21.33	-3.76	15.42	33.01	17.57	33.01	PASS
n38	15	20	516000	1@1	DFT_QAM1 6	21.57	-3.76	15.66	33.01	17.81	33.01	PASS



n38	15	20	516000	1@104	DFT_QAM1 6	21.29	-3.76	15.38	33.01	17.53	33.01	PASS
n38	15	20	516000	50@25	DFT_QAM6 4	19.87	-3.76	13.96	33.01	16.11	33.01	PASS
n38	15	20	516000	1@1	DFT_QAM6 4	19.83	-3.76	13.92	33.01	16.07	33.01	PASS
n38	15	20	516000	1@104	DFT_QAM6 4	19.53	-3.76	13.62	33.01	15.77	33.01	PASS
n38	15	20	516000	50@25	DFT_QAM2 56	17.80	-3.76	11.89	33.01	14.04	33.01	PASS
n38	15	20	516000	1@1	DFT_QAM2 56	18.18	-3.76	12.27	33.01	14.42	33.01	PASS
n38	15	20	516000	1@104	DFT_QAM2 56	17.86	-3.76	11.95	33.01	14.10	33.01	PASS
n38	15	20	516000	53@26	CP_QPSK	20.77	-3.76	14.86	33.01	17.01	33.01	PASS
n38	15	20	516000	1@1	CP_QPSK	20.63	-3.76	14.72	33.01	16.87	33.01	PASS
n38	15	20	516000	1@104	CP_QPSK	20.46	-3.76	14.55	33.01	16.70	33.01	PASS
n38	15	20	516000	53@26	CP_QAM16	20.32	-3.76	14.41	33.01	16.56	33.01	PASS
n38	15	20	516000	1@1	CP_QAM16	20.19	-3.76	14.28	33.01	16.43	33.01	PASS
n38	15	20	516000	1@104	CP_QAM16	20.00	-3.76	14.09	33.01	16.24	33.01	PASS
n38	15	20	516000	53@26	CP_QAM64	18.87	-3.76	12.96	33.01	15.11	33.01	PASS
n38	15	20	516000	1@1	CP_QAM64	19.13	-3.76	13.22	33.01	15.37	33.01	PASS
n38	15	20	516000	1@104	CP_QAM64	18.55	-3.76	12.64	33.01	14.79	33.01	PASS
n38	15	20	516000	53@26	CP_QAM25 6	15.86	-3.76	9.95	33.01	12.10	33.01	PASS
n38	15	20	516000	1@1	CP_QAM25 6	16.28	-3.76	10.37	33.01	12.52	33.01	PASS
n38	15	20	516000	1@104	CP_QAM25 6	15.86	-3.76	9.95	33.01	12.10	33.01	PASS
n38	15	20	519000	50@25	DFT_BPSK	22.24	-3.76	16.33	33.01	18.48	33.01	PASS
n38	15	20	519000	1@1	DFT_BPSK	22.05	-3.76	16.14	33.01	18.29	33.01	PASS
n38	15	20	519000	1@104	DFT_BPSK	22.29	-3.76	16.38	33.01	18.53	33.01	PASS
n38	15	20	519000	50@25	DFT_QPSK	22.37	-3.76	16.46	33.01	18.61	33.01	PASS
n38	15	20	519000	1@1	DFT_QPSK	21.96	-3.76	16.05	33.01	18.20	33.01	PASS
n38	15	20	519000	1@104	DFT_QPSK	22.10	-3.76	16.19	33.01	18.34	33.01	PASS
n38	15	20	519000	50@25	DFT_QAM1 6	21.36	-3.76	15.45	33.01	17.60	33.01	PASS
n38	15	20	519000	1@1	DFT_QAM1 6	21.31	-3.76	15.40	33.01	17.55	33.01	PASS
n38	15	20	519000	1@104	DFT_QAM1 6	21.58	-3.76	15.67	33.01	17.82	33.01	PASS
n38	15	20	519000	50@25	DFT_QAM6 4	19.79	-3.76	13.88	33.01	16.03	33.01	PASS
n38	15	20	519000	1@1	DFT_QAM6 4	19.51	-3.76	13.60	33.01	15.75	33.01	PASS
n38	15	20	519000	1@104	DFT_QAM6 4	20.08	-3.76	14.17	33.01	16.32	33.01	PASS

n38	15	20	519000	50@25	DFT_QAM2 56	17.77	-3.76	11.86	33.01	14.01	33.01	PASS
n38	15	20	519000	1@1	DFT_QAM2 56	17.81	-3.76	11.90	33.01	14.05	33.01	PASS
n38	15	20	519000	1@104	DFT_QAM2 56	17.92	-3.76	12.01	33.01	14.16	33.01	PASS
n38	15	20	519000	53@26	CP_QPSK	20.72	-3.76	14.81	33.01	16.96	33.01	PASS
n38	15	20	519000	1@1	CP_QPSK	20.32	-3.76	14.41	33.01	16.56	33.01	PASS
n38	15	20	519000	1@104	CP_QPSK	20.68	-3.76	14.77	33.01	16.92	33.01	PASS
n38	15	20	519000	53@26	CP_QAM16	20.29	-3.76	14.38	33.01	16.53	33.01	PASS
n38	15	20	519000	1@1	CP_QAM16	20.01	-3.76	14.10	33.01	16.25	33.01	PASS
n38	15	20	519000	1@104	CP_QAM16	20.19	-3.76	14.28	33.01	16.43	33.01	PASS
n38	15	20	519000	53@26	CP_QAM64	18.71	-3.76	12.80	33.01	14.95	33.01	PASS
n38	15	20	519000	1@1	CP_QAM64	18.25	-3.76	12.34	33.01	14.49	33.01	PASS
n38	15	20	519000	1@104	CP_QAM64	18.87	-3.76	12.96	33.01	15.11	33.01	PASS
n38	15	20	519000	53@26	CP_QAM25 6	15.92	-3.76	10.01	33.01	12.16	33.01	PASS
n38	15	20	519000	1@1	CP_QAM25 6	15.91	-3.76	10.00	33.01	12.15	33.01	PASS
n38	15	20	519000	1@104	CP_QAM25 6	16.12	-3.76	10.21	33.01	12.36	33.01	PASS
n38	15	20	522000	50@25	DFT_BPSK	22.41	-3.76	16.50	33.01	18.65	33.01	PASS
n38	15	20	522000	1@1	DFT_BPSK	22.19	-3.76	16.28	33.01	18.43	33.01	PASS
n38	15	20	522000	1@104	DFT_BPSK	21.88	-3.76	15.97	33.01	18.12	33.01	PASS
n38	15	20	522000	50@25	DFT_QPSK	22.41	-3.76	16.50	33.01	18.65	33.01	PASS
n38	15	20	522000	1@1	DFT_QPSK	22.19	-3.76	16.28	33.01	18.43	33.01	PASS
n38	15	20	522000	1@104	DFT_QPSK	21.81	-3.76	15.90	33.01	18.05	33.01	PASS
n38	15	20	522000	50@25	DFT_QAM1 6	21.35	-3.76	15.44	33.01	17.59	33.01	PASS
n38	15	20	522000	1@1	DFT_QAM1 6	21.48	-3.76	15.57	33.01	17.72	33.01	PASS
n38	15	20	522000	1@104	DFT_QAM1 6	21.15	-3.76	15.24	33.01	17.39	33.01	PASS
n38	15	20	522000	50@25	DFT_QAM6 4	19.91	-3.76	14.00	33.01	16.15	33.01	PASS
n38	15	20	522000	1@1	DFT_QAM6 4	19.57	-3.76	13.66	33.01	15.81	33.01	PASS
n38	15	20	522000	1@104	DFT_QAM6 4	19.66	-3.76	13.75	33.01	15.90	33.01	PASS
n38	15	20	522000	50@25	DFT_QAM2 56	17.80	-3.76	11.89	33.01	14.04	33.01	PASS
n38	15	20	522000	1@1	DFT_QAM2 56	17.98	-3.76	12.07	33.01	14.22	33.01	PASS
n38	15	20	522000	1@104	DFT_QAM2 56	17.68	-3.76	11.77	33.01	13.92	33.01	PASS
n38	15	20	522000	53@26	CP_QPSK	20.81	-3.76	14.90	33.01	17.05	33.01	PASS
n38	15	20	522000	1@1	CP_QPSK	20.57	-3.76	14.66	33.01	16.81	33.01	PASS

n38	15	20	522000	1@104	CP_QPSK	20.29	-3.76	14.38	33.01	16.53	33.01	PASS
n38	15	20	522000	53@26	CP_QAM16	20.35	-3.76	14.44	33.01	16.59	33.01	PASS
n38	15	20	522000	1@1	CP_QAM16	20.15	-3.76	14.24	33.01	16.39	33.01	PASS
n38	15	20	522000	1@104	CP_QAM16	20.12	-3.76	14.21	33.01	16.36	33.01	PASS
n38	15	20	522000	53@26	CP_QAM64	18.79	-3.76	12.88	33.01	15.03	33.01	PASS
n38	15	20	522000	1@1	CP_QAM64	18.81	-3.76	12.90	33.01	15.05	33.01	PASS
n38	15	20	522000	1@104	CP_QAM64	18.17	-3.76	12.26	33.01	14.41	33.01	PASS
n38	15	20	522000	53@26	CP_QAM256	15.91	-3.76	10.00	33.01	12.15	33.01	PASS
n38	15	20	522000	1@1	CP_QAM256	15.96	-3.76	10.05	33.01	12.20	33.01	PASS
n38	15	20	522000	1@104	CP_QAM256	15.81	-3.76	9.90	33.01	12.05	33.01	PASS
n38	15	40	518000	108@54	DFT_BPSK	22.23	-3.76	16.32	33.01	18.47	33.01	PASS
n38	15	40	518000	1@1	DFT_BPSK	21.91	-3.76	16.00	33.01	18.15	33.01	PASS
n38	15	40	518000	1@214	DFT_BPSK	21.70	-3.76	15.79	33.01	17.94	33.01	PASS
n38	15	40	518000	108@54	DFT_QPSK	22.33	-3.76	16.42	33.01	18.57	33.01	PASS
n38	15	40	518000	1@1	DFT_QPSK	21.76	-3.76	15.85	33.01	18.00	33.01	PASS
n38	15	40	518000	1@214	DFT_QPSK	21.60	-3.76	15.69	33.01	17.84	33.01	PASS
n38	15	40	518000	108@54	DFT_QAM16	21.29	-3.76	15.38	33.01	17.53	33.01	PASS
n38	15	40	518000	1@1	DFT_QAM16	21.17	-3.76	15.26	33.01	17.41	33.01	PASS
n38	15	40	518000	1@214	DFT_QAM16	20.96	-3.76	15.05	33.01	17.20	33.01	PASS
n38	15	40	518000	108@54	DFT_QAM64	19.78	-3.76	13.87	33.01	16.02	33.01	PASS
n38	15	40	518000	1@1	DFT_QAM64	19.71	-3.76	13.80	33.01	15.95	33.01	PASS
n38	15	40	518000	1@214	DFT_QAM64	19.53	-3.76	13.62	33.01	15.77	33.01	PASS
n38	15	40	518000	108@54	DFT_QAM256	17.67	-3.76	11.76	33.01	13.91	33.01	PASS
n38	15	40	518000	1@1	DFT_QAM256	17.53	-3.76	11.62	33.01	13.77	33.01	PASS
n38	15	40	518000	1@214	DFT_QAM256	17.54	-3.76	11.63	33.01	13.78	33.01	PASS
n38	15	40	518000	108@54	CP_QPSK	20.72	-3.76	14.81	33.01	16.96	33.01	PASS
n38	15	40	518000	1@1	CP_QPSK	20.36	-3.76	14.45	33.01	16.60	33.01	PASS
n38	15	40	518000	1@214	CP_QPSK	20.08	-3.76	14.17	33.01	16.32	33.01	PASS
n38	15	40	518000	108@54	CP_QAM16	20.24	-3.76	14.33	33.01	16.48	33.01	PASS
n38	15	40	518000	1@1	CP_QAM16	20.12	-3.76	14.21	33.01	16.36	33.01	PASS
n38	15	40	518000	1@214	CP_QAM16	19.68	-3.76	13.77	33.01	15.92	33.01	PASS
n38	15	40	518000	108@54	CP_QAM64	18.78	-3.76	12.87	33.01	15.02	33.01	PASS
n38	15	40	518000	1@1	CP_QAM64	18.08	-3.76	12.17	33.01	14.32	33.01	PASS

n38	15	40	518000	1@214	CP_QAM64	18.00	-3.76	12.09	33.01	14.24	33.01	PASS
n38	15	40	518000	108@54	CP_QAM256	15.81	-3.76	9.90	33.01	12.05	33.01	PASS
n38	15	40	518000	1@1	CP_QAM256	15.73	-3.76	9.82	33.01	11.97	33.01	PASS
n38	15	40	518000	1@214	CP_QAM256	15.70	-3.76	9.79	33.01	11.94	33.01	PASS
n38	15	40	519000	108@54	DFT_BPSK	22.22	-3.76	16.31	33.01	18.46	33.01	PASS
n38	15	40	519000	1@1	DFT_BPSK	21.84	-3.76	15.93	33.01	18.08	33.01	PASS
n38	15	40	519000	1@214	DFT_BPSK	21.59	-3.76	15.68	33.01	17.83	33.01	PASS
n38	15	40	519000	108@54	DFT_QPSK	22.27	-3.76	16.36	33.01	18.51	33.01	PASS
n38	15	40	519000	1@1	DFT_QPSK	21.71	-3.76	15.80	33.01	17.95	33.01	PASS
n38	15	40	519000	1@214	DFT_QPSK	21.44	-3.76	15.53	33.01	17.68	33.01	PASS
n38	15	40	519000	108@54	DFT_QAM16	21.30	-3.76	15.39	33.01	17.54	33.01	PASS
n38	15	40	519000	1@1	DFT_QAM16	20.95	-3.76	15.04	33.01	17.19	33.01	PASS
n38	15	40	519000	1@214	DFT_QAM16	20.82	-3.76	14.91	33.01	17.06	33.01	PASS
n38	15	40	519000	108@54	DFT_QAM64	19.72	-3.76	13.81	33.01	15.96	33.01	PASS
n38	15	40	519000	1@1	DFT_QAM64	19.17	-3.76	13.26	33.01	15.41	33.01	PASS
n38	15	40	519000	1@214	DFT_QAM64	19.21	-3.76	13.30	33.01	15.45	33.01	PASS
n38	15	40	519000	108@54	DFT_QAM256	17.75	-3.76	11.84	33.01	13.99	33.01	PASS
n38	15	40	519000	1@1	DFT_QAM256	17.55	-3.76	11.64	33.01	13.79	33.01	PASS
n38	15	40	519000	1@214	DFT_QAM256	17.40	-3.76	11.49	33.01	13.64	33.01	PASS
n38	15	40	519000	108@54	CP_QPSK	20.76	-3.76	14.85	33.01	17.00	33.01	PASS
n38	15	40	519000	1@1	CP_QPSK	20.06	-3.76	14.15	33.01	16.30	33.01	PASS
n38	15	40	519000	1@214	CP_QPSK	19.96	-3.76	14.05	33.01	16.20	33.01	PASS
n38	15	40	519000	108@54	CP_QAM16	20.28	-3.76	14.37	33.01	16.52	33.01	PASS
n38	15	40	519000	1@1	CP_QAM16	20.01	-3.76	14.10	33.01	16.25	33.01	PASS
n38	15	40	519000	1@214	CP_QAM16	19.67	-3.76	13.76	33.01	15.91	33.01	PASS
n38	15	40	519000	108@54	CP_QAM64	18.74	-3.76	12.83	33.01	14.98	33.01	PASS
n38	15	40	519000	1@1	CP_QAM64	18.51	-3.76	12.60	33.01	14.75	33.01	PASS
n38	15	40	519000	1@214	CP_QAM64	18.36	-3.76	12.45	33.01	14.60	33.01	PASS
n38	15	40	519000	108@54	CP_QAM256	15.86	-3.76	9.95	33.01	12.10	33.01	PASS
n38	15	40	519000	1@1	CP_QAM256	15.71	-3.76	9.80	33.01	11.95	33.01	PASS
n38	15	40	519000	1@214	CP_QAM256	15.50	-3.76	9.59	33.01	11.74	33.01	PASS
n38	15	40	520000	108@54	DFT_BPSK	22.27	-3.76	16.36	33.01	18.51	33.01	PASS

n38	15	40	520000	1@1	DFT_BPSK	21.73	-3.76	15.82	33.01	17.97	33.01	PASS
n38	15	40	520000	1@214	DFT_BPSK	21.43	-3.76	15.52	33.01	17.67	33.01	PASS
n38	15	40	520000	108@54	DFT_QPSK	22.28	-3.76	16.37	33.01	18.52	33.01	PASS
n38	15	40	520000	1@1	DFT_QPSK	21.63	-3.76	15.72	33.01	17.87	33.01	PASS
n38	15	40	520000	1@214	DFT_QPSK	21.35	-3.76	15.44	33.01	17.59	33.01	PASS
n38	15	40	520000	108@54	DFT_QAM16	21.29	-3.76	15.38	33.01	17.53	33.01	PASS
n38	15	40	520000	1@1	DFT_QAM16	20.71	-3.76	14.80	33.01	16.95	33.01	PASS
n38	15	40	520000	1@214	DFT_QAM16	20.63	-3.76	14.72	33.01	16.87	33.01	PASS
n38	15	40	520000	108@54	DFT_QAM64	19.78	-3.76	13.87	33.01	16.02	33.01	PASS
n38	15	40	520000	1@1	DFT_QAM64	19.26	-3.76	13.35	33.01	15.50	33.01	PASS
n38	15	40	520000	1@214	DFT_QAM64	19.04	-3.76	13.13	33.01	15.28	33.01	PASS
n38	15	40	520000	108@54	DFT_QAM256	17.72	-3.76	11.81	33.01	13.96	33.01	PASS
n38	15	40	520000	1@1	DFT_QAM256	17.26	-3.76	11.35	33.01	13.50	33.01	PASS
n38	15	40	520000	1@214	DFT_QAM256	17.31	-3.76	11.40	33.01	13.55	33.01	PASS
n38	15	40	520000	108@54	CP_QPSK	20.77	-3.76	14.86	33.01	17.01	33.01	PASS
n38	15	40	520000	1@1	CP_QPSK	20.13	-3.76	14.22	33.01	16.37	33.01	PASS
n38	15	40	520000	1@214	CP_QPSK	19.88	-3.76	13.97	33.01	16.12	33.01	PASS
n38	15	40	520000	108@54	CP_QAM16	20.33	-3.76	14.42	33.01	16.57	33.01	PASS
n38	15	40	520000	1@1	CP_QAM16	19.92	-3.76	14.01	33.01	16.16	33.01	PASS
n38	15	40	520000	1@214	CP_QAM16	19.53	-3.76	13.62	33.01	15.77	33.01	PASS
n38	15	40	520000	108@54	CP_QAM64	18.85	-3.76	12.94	33.01	15.09	33.01	PASS
n38	15	40	520000	1@1	CP_QAM64	18.39	-3.76	12.48	33.01	14.63	33.01	PASS
n38	15	40	520000	1@214	CP_QAM64	17.93	-3.76	12.02	33.01	14.17	33.01	PASS
n38	15	40	520000	108@54	CP_QAM256	15.89	-3.76	9.98	33.01	12.13	33.01	PASS
n38	15	40	520000	1@1	CP_QAM256	15.48	-3.76	9.57	33.01	11.72	33.01	PASS
n38	15	40	520000	1@214	CP_QAM256	15.33	-3.76	9.42	33.01	11.57	33.01	PASS

Appendix 5G NR -n41 - SCS 15KHz

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n41	15	10	500202	25@12	DFT_BPSK	21.64	-3.76	15.73	33.01	17.88	33.01	PASS
n41	15	10	500202	1@1	DFT_BPSK	21.71	-3.76	15.80	33.01	17.95	33.01	PASS
n41	15	10	500202	1@50	DFT_BPSK	21.56	-3.76	15.65	33.01	17.80	33.01	PASS
n41	15	10	500202	25@12	DFT_QPSK	21.72	-3.76	15.81	33.01	17.96	33.01	PASS
n41	15	10	500202	1@1	DFT_QPSK	21.67	-3.76	15.76	33.01	17.91	33.01	PASS
n41	15	10	500202	1@50	DFT_QPSK	21.45	-3.76	15.54	33.01	17.69	33.01	PASS
n41	15	10	500202	25@12	DFT_QAM16	20.70	-3.76	14.79	33.01	16.94	33.01	PASS
n41	15	10	500202	1@1	DFT_QAM16	20.44	-3.76	14.53	33.01	16.68	33.01	PASS
n41	15	10	500202	1@50	DFT_QAM16	20.80	-3.76	14.89	33.01	17.04	33.01	PASS
n41	15	10	500202	25@12	DFT_QAM64	19.15	-3.76	13.24	33.01	15.39	33.01	PASS
n41	15	10	500202	1@1	DFT_QAM64	19.19	-3.76	13.28	33.01	15.43	33.01	PASS
n41	15	10	500202	1@50	DFT_QAM64	19.41	-3.76	13.50	33.01	15.65	33.01	PASS
n41	15	10	500202	25@12	DFT_QAM256	17.31	-3.76	11.40	33.01	13.55	33.01	PASS
n41	15	10	500202	1@1	DFT_QAM256	17.44	-3.76	11.53	33.01	13.68	33.01	PASS
n41	15	10	500202	1@50	DFT_QAM256	16.93	-3.76	11.02	33.01	13.17	33.01	PASS
n41	15	10	500202	26@13	CP_QPSK	20.20	-3.76	14.29	33.01	16.44	33.01	PASS
n41	15	10	500202	1@1	CP_QPSK	20.17	-3.76	14.26	33.01	16.41	33.01	PASS
n41	15	10	500202	1@50	CP_QPSK	20.07	-3.76	14.16	33.01	16.31	33.01	PASS
n41	15	10	500202	26@13	CP_QAM16	19.66	-3.76	13.75	33.01	15.90	33.01	PASS
n41	15	10	500202	1@1	CP_QAM16	19.90	-3.76	13.99	33.01	16.14	33.01	PASS
n41	15	10	500202	1@50	CP_QAM16	19.76	-3.76	13.85	33.01	16.00	33.01	PASS
n41	15	10	500202	26@13	CP_QAM64	18.10	-3.76	12.19	33.01	14.34	33.01	PASS
n41	15	10	500202	1@1	CP_QAM64	17.91	-3.76	12.00	33.01	14.15	33.01	PASS
n41	15	10	500202	1@50	CP_QAM64	17.83	-3.76	11.92	33.01	14.07	33.01	PASS
n41	15	10	500202	26@13	CP_QAM256	15.28	-3.76	9.37	33.01	11.52	33.01	PASS
n41	15	10	500202	1@1	CP_QAM256	15.31	-3.76	9.40	33.01	11.55	33.01	PASS
n41	15	10	500202	1@50	CP_QAM256	15.18	-3.76	9.27	33.01	11.42	33.01	PASS

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n41	15	10	518601	25@12	DFT_BPSK	21.07	-3.76	15.16	33.01	17.31	33.01	PASS
n41	15	10	518601	1@1	DFT_BPSK	20.96	-3.76	15.05	33.01	17.20	33.01	PASS
n41	15	10	518601	1@50	DFT_BPSK	21.09	-3.76	15.18	33.01	17.33	33.01	PASS
n41	15	10	518601	25@12	DFT_QPSK	21.14	-3.76	15.23	33.01	17.38	33.01	PASS
n41	15	10	518601	1@1	DFT_QPSK	20.91	-3.76	15.00	33.01	17.15	33.01	PASS
n41	15	10	518601	1@50	DFT_QPSK	21.05	-3.76	15.14	33.01	17.29	33.01	PASS
n41	15	10	518601	25@12	DFT_QAM1 6	20.01	-3.76	14.10	33.01	16.25	33.01	PASS
n41	15	10	518601	1@1	DFT_QAM1 6	19.94	-3.76	14.03	33.01	16.18	33.01	PASS
n41	15	10	518601	1@50	DFT_QAM1 6	20.12	-3.76	14.21	33.01	16.36	33.01	PASS
n41	15	10	518601	25@12	DFT_QAM6 4	18.55	-3.76	12.64	33.01	14.79	33.01	PASS
n41	15	10	518601	1@1	DFT_QAM6 4	18.89	-3.76	12.98	33.01	15.13	33.01	PASS
n41	15	10	518601	1@50	DFT_QAM6 4	19.09	-3.76	13.18	33.01	15.33	33.01	PASS
n41	15	10	518601	25@12	DFT_QAM2 56	16.54	-3.76	10.63	33.01	12.78	33.01	PASS
n41	15	10	518601	1@1	DFT_QAM2 56	16.21	-3.76	10.30	33.01	12.45	33.01	PASS
n41	15	10	518601	1@50	DFT_QAM2 56	16.56	-3.76	10.65	33.01	12.80	33.01	PASS
n41	15	10	518601	26@13	CP_QPSK	19.61	-3.76	13.70	33.01	15.85	33.01	PASS
n41	15	10	518601	1@1	CP_QPSK	19.57	-3.76	13.66	33.01	15.81	33.01	PASS
n41	15	10	518601	1@50	CP_QPSK	19.73	-3.76	13.82	33.01	15.97	33.01	PASS
n41	15	10	518601	26@13	CP_QAM16	19.02	-3.76	13.11	33.01	15.26	33.01	PASS
n41	15	10	518601	1@1	CP_QAM16	19.16	-3.76	13.25	33.01	15.40	33.01	PASS
n41	15	10	518601	1@50	CP_QAM16	19.28	-3.76	13.37	33.01	15.52	33.01	PASS
n41	15	10	518601	26@13	CP_QAM64	17.48	-3.76	11.57	33.01	13.72	33.01	PASS
n41	15	10	518601	1@1	CP_QAM64	17.51	-3.76	11.60	33.01	13.75	33.01	PASS
n41	15	10	518601	1@50	CP_QAM64	17.65	-3.76	11.74	33.01	13.89	33.01	PASS
n41	15	10	518601	26@13	CP_QAM25 6	14.72	-3.76	8.81	33.01	10.96	33.01	PASS
n41	15	10	518601	1@1	CP_QAM25 6	14.54	-3.76	8.63	33.01	10.78	33.01	PASS
n41	15	10	518601	1@50	CP_QAM25 6	14.68	-3.76	8.77	33.01	10.92	33.01	PASS
n41	15	10	537000	25@12	DFT_BPSK	21.58	-3.76	15.67	33.01	17.82	33.01	PASS
n41	15	10	537000	1@1	DFT_BPSK	21.34	-3.76	15.43	33.01	17.58	33.01	PASS
n41	15	10	537000	1@50	DFT_BPSK	21.51	-3.76	15.60	33.01	17.75	33.01	PASS
n41	15	10	537000	25@12	DFT_QPSK	21.56	-3.76	15.65	33.01	17.80	33.01	PASS
n41	15	10	537000	1@1	DFT_QPSK	21.27	-3.76	15.36	33.01	17.51	33.01	PASS

n41	15	10	537000	1@50	DFT_QPSK	21.45	-3.76	15.54	33.01	17.69	33.01	PASS
n41	15	10	537000	25@12	DFT_QAM1 6	20.46	-3.76	14.55	33.01	16.70	33.01	PASS
n41	15	10	537000	1@1	DFT_QAM1 6	20.32	-3.76	14.41	33.01	16.56	33.01	PASS
n41	15	10	537000	1@50	DFT_QAM1 6	20.50	-3.76	14.59	33.01	16.74	33.01	PASS
n41	15	10	537000	25@12	DFT_QAM6 4	19.09	-3.76	13.18	33.01	15.33	33.01	PASS
n41	15	10	537000	1@1	DFT_QAM6 4	19.07	-3.76	13.16	33.01	15.31	33.01	PASS
n41	15	10	537000	1@50	DFT_QAM6 4	19.38	-3.76	13.47	33.01	15.62	33.01	PASS
n41	15	10	537000	25@12	DFT_QAM2 56	17.07	-3.76	11.16	33.01	13.31	33.01	PASS
n41	15	10	537000	1@1	DFT_QAM2 56	16.75	-3.76	10.84	33.01	12.99	33.01	PASS
n41	15	10	537000	1@50	DFT_QAM2 56	16.68	-3.76	10.77	33.01	12.92	33.01	PASS
n41	15	10	537000	26@13	CP_QPSK	20.08	-3.76	14.17	33.01	16.32	33.01	PASS
n41	15	10	537000	1@1	CP_QPSK	19.89	-3.76	13.98	33.01	16.13	33.01	PASS
n41	15	10	537000	1@50	CP_QPSK	20.00	-3.76	14.09	33.01	16.24	33.01	PASS
n41	15	10	537000	26@13	CP_QAM16	19.45	-3.76	13.54	33.01	15.69	33.01	PASS
n41	15	10	537000	1@1	CP_QAM16	19.45	-3.76	13.54	33.01	15.69	33.01	PASS
n41	15	10	537000	1@50	CP_QAM16	19.63	-3.76	13.72	33.01	15.87	33.01	PASS
n41	15	10	537000	26@13	CP_QAM64	17.90	-3.76	11.99	33.01	14.14	33.01	PASS
n41	15	10	537000	1@1	CP_QAM64	17.50	-3.76	11.59	33.01	13.74	33.01	PASS
n41	15	10	537000	1@50	CP_QAM64	17.69	-3.76	11.78	33.01	13.93	33.01	PASS
n41	15	10	537000	26@13	CP_QAM25 6	15.23	-3.76	9.32	33.01	11.47	33.01	PASS
n41	15	10	537000	1@1	CP_QAM25 6	14.89	-3.76	8.98	33.01	11.13	33.01	PASS
n41	15	10	537000	1@50	CP_QAM25 6	15.07	-3.76	9.16	33.01	11.31	33.01	PASS
n41	15	15	500700	36@18	DFT_BPSK	21.81	-3.76	15.90	33.01	18.05	33.01	PASS
n41	15	15	500700	1@1	DFT_BPSK	21.79	-3.76	15.88	33.01	18.03	33.01	PASS
n41	15	15	500700	1@77	DFT_BPSK	21.70	-3.76	15.79	33.01	17.94	33.01	PASS
n41	15	15	500700	36@18	DFT_QPSK	21.84	-3.76	15.93	33.01	18.08	33.01	PASS
n41	15	15	500700	1@1	DFT_QPSK	21.68	-3.76	15.77	33.01	17.92	33.01	PASS
n41	15	15	500700	1@77	DFT_QPSK	21.53	-3.76	15.62	33.01	17.77	33.01	PASS
n41	15	15	500700	36@18	DFT_QAM1 6	20.86	-3.76	14.95	33.01	17.10	33.01	PASS
n41	15	15	500700	1@1	DFT_QAM1 6	20.76	-3.76	14.85	33.01	17.00	33.01	PASS
n41	15	15	500700	1@77	DFT_QAM1 6	20.60	-3.76	14.69	33.01	16.84	33.01	PASS
n41	15	15	500700	36@18	DFT_QAM6	19.23	-3.76	13.32	33.01	15.47	33.01	PASS



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n41	15	15	500700	1@1	DFT_QAM6 4	19.62	-3.76	13.71	33.01	15.86	33.01	PASS	
n41	15	15	500700	1@77	DFT_QAM6 4	19.42	-3.76	13.51	33.01	15.66	33.01	PASS	
n41	15	15	500700	36@18	DFT_QAM2 56	17.46	-3.76	11.55	33.01	13.70	33.01	PASS	
n41	15	15	500700	1@1	DFT_QAM2 56	17.24	-3.76	11.33	33.01	13.48	33.01	PASS	
n41	15	15	500700	1@77	DFT_QAM2 56	17.03	-3.76	11.12	33.01	13.27	33.01	PASS	
n41	15	15	500700	39@19	CP_QPSK	20.30	-3.76	14.39	33.01	16.54	33.01	PASS	
n41	15	15	500700	1@1	CP_QPSK	20.35	-3.76	14.44	33.01	16.59	33.01	PASS	
n41	15	15	500700	1@77	CP_QPSK	20.23	-3.76	14.32	33.01	16.47	33.01	PASS	
n41	15	15	500700	39@19	CP_QAM16	19.82	-3.76	13.91	33.01	16.06	33.01	PASS	
n41	15	15	500700	1@1	CP_QAM16	19.98	-3.76	14.07	33.01	16.22	33.01	PASS	
n41	15	15	500700	1@77	CP_QAM16	19.79	-3.76	13.88	33.01	16.03	33.01	PASS	
n41	15	15	500700	39@19	CP_QAM64	18.29	-3.76	12.38	33.01	14.53	33.01	PASS	
n41	15	15	500700	1@1	CP_QAM64	18.36	-3.76	12.45	33.01	14.60	33.01	PASS	
n41	15	15	500700	1@77	CP_QAM64	18.20	-3.76	12.29	33.01	14.44	33.01	PASS	
n41	15	15	500700	39@19	CP_QAM25 6	15.49	-3.76	9.58	33.01	11.73	33.01	PASS	
n41	15	15	500700	1@1	CP_QAM25 6	15.40	-3.76	9.49	33.01	11.64	33.01	PASS	
n41	15	15	500700	1@77	CP_QAM25 6	15.21	-3.76	9.30	33.01	11.45	33.01	PASS	
n41	15	15	518601	36@18	DFT_BPSK	21.29	-3.76	15.38	33.01	17.53	33.01	PASS	
n41	15	15	518601	1@1	DFT_BPSK	21.04	-3.76	15.13	33.01	17.28	33.01	PASS	
n41	15	15	518601	1@77	DFT_BPSK	21.32	-3.76	15.41	33.01	17.56	33.01	PASS	
n41	15	15	518601	36@18	DFT_QPSK	21.22	-3.76	15.31	33.01	17.46	33.01	PASS	
n41	15	15	518601	1@1	DFT_QPSK	20.93	-3.76	15.02	33.01	17.17	33.01	PASS	
n41	15	15	518601	1@77	DFT_QPSK	21.14	-3.76	15.23	33.01	17.38	33.01	PASS	
n41	15	15	518601	36@18	DFT_QAM1 6	20.29	-3.76	14.38	33.01	16.53	33.01	PASS	
n41	15	15	518601	1@1	DFT_QAM1 6	19.88	-3.76	13.97	33.01	16.12	33.01	PASS	
n41	15	15	518601	1@77	DFT_QAM1 6	20.10	-3.76	14.19	33.01	16.34	33.01	PASS	
n41	15	15	518601	36@18	DFT_QAM6 4	18.65	-3.76	12.74	33.01	14.89	33.01	PASS	
n41	15	15	518601	1@1	DFT_QAM6 4	18.81	-3.76	12.90	33.01	15.05	33.01	PASS	
n41	15	15	518601	1@77	DFT_QAM6 4	18.97	-3.76	13.06	33.01	15.21	33.01	PASS	
n41	15	15	518601	36@18	DFT_QAM2 56	16.62	-3.76	10.71	33.01	12.86	33.01	PASS	
n41	15	15	518601	1@1	DFT_QAM2	16.29	-3.76	10.38	33.01	12.53	33.01	PASS	

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n41	15	15	518601	1@77	DFT_QAM2 56	16.91	-3.76	11.00	33.01	13.15	33.01	PASS	
n41	15	15	518601	39@19	CP_QPSK	19.76	-3.76	13.85	33.01	16.00	33.01	PASS	
n41	15	15	518601	1@1	CP_QPSK	19.62	-3.76	13.71	33.01	15.86	33.01	PASS	
n41	15	15	518601	1@77	CP_QPSK	19.83	-3.76	13.92	33.01	16.07	33.01	PASS	
n41	15	15	518601	39@19	CP_QAM16	19.23	-3.76	13.32	33.01	15.47	33.01	PASS	
n41	15	15	518601	1@1	CP_QAM16	19.04	-3.76	13.13	33.01	15.28	33.01	PASS	
n41	15	15	518601	1@77	CP_QAM16	19.39	-3.76	13.48	33.01	15.63	33.01	PASS	
n41	15	15	518601	39@19	CP_QAM64	17.64	-3.76	11.73	33.01	13.88	33.01	PASS	
n41	15	15	518601	1@1	CP_QAM64	18.22	-3.76	12.31	33.01	14.46	33.01	PASS	
n41	15	15	518601	1@77	CP_QAM64	18.40	-3.76	12.49	33.01	14.64	33.01	PASS	
n41	15	15	518601	39@19	CP_QAM25 6	14.82	-3.76	8.91	33.01	11.06	33.01	PASS	
n41	15	15	518601	1@1	CP_QAM25 6	14.66	-3.76	8.75	33.01	10.90	33.01	PASS	
n41	15	15	518601	1@77	CP_QAM25 6	14.81	-3.76	8.90	33.01	11.05	33.01	PASS	
n41	15	15	536499	36@18	DFT_BPSK	21.57	-3.76	15.66	33.01	17.81	33.01	PASS	
n41	15	15	536499	1@1	DFT_BPSK	21.22	-3.76	15.31	33.01	17.46	33.01	PASS	
n41	15	15	536499	1@77	DFT_BPSK	21.58	-3.76	15.67	33.01	17.82	33.01	PASS	
n41	15	15	536499	36@18	DFT_QPSK	21.62	-3.76	15.71	33.01	17.86	33.01	PASS	
n41	15	15	536499	1@1	DFT_QPSK	21.05	-3.76	15.14	33.01	17.29	33.01	PASS	
n41	15	15	536499	1@77	DFT_QPSK	21.55	-3.76	15.64	33.01	17.79	33.01	PASS	
n41	15	15	536499	36@18	DFT_QAM1 6	20.55	-3.76	14.64	33.01	16.79	33.01	PASS	
n41	15	15	536499	1@1	DFT_QAM1 6	19.95	-3.76	14.04	33.01	16.19	33.01	PASS	
n41	15	15	536499	1@77	DFT_QAM1 6	20.38	-3.76	14.47	33.01	16.62	33.01	PASS	
n41	15	15	536499	36@18	DFT_QAM6 4	19.07	-3.76	13.16	33.01	15.31	33.01	PASS	
n41	15	15	536499	1@1	DFT_QAM6 4	18.72	-3.76	12.81	33.01	14.96	33.01	PASS	
n41	15	15	536499	1@77	DFT_QAM6 4	19.42	-3.76	13.51	33.01	15.66	33.01	PASS	
n41	15	15	536499	36@18	DFT_QAM2 56	17.06	-3.76	11.15	33.01	13.30	33.01	PASS	
n41	15	15	536499	1@1	DFT_QAM2 56	16.71	-3.76	10.80	33.01	12.95	33.01	PASS	
n41	15	15	536499	1@77	DFT_QAM2 56	16.77	-3.76	10.86	33.01	13.01	33.01	PASS	
n41	15	15	536499	39@19	CP_QPSK	20.11	-3.76	14.20	33.01	16.35	33.01	PASS	
n41	15	15	536499	1@1	CP_QPSK	19.70	-3.76	13.79	33.01	15.94	33.01	PASS	
n41	15	15	536499	1@77	CP_QPSK	20.15	-3.76	14.24	33.01	16.39	33.01	PASS	
n41	15	15	536499	39@19	CP_QAM16	19.55	-3.76	13.64	33.01	15.79	33.01	PASS	

n41	15	15	536499	1@1	CP_QAM16	19.20	-3.76	13.29	33.01	15.44	33.01	PASS
n41	15	15	536499	1@77	CP_QAM16	19.63	-3.76	13.72	33.01	15.87	33.01	PASS
n41	15	15	536499	39@19	CP_QAM64	18.02	-3.76	12.11	33.01	14.26	33.01	PASS
n41	15	15	536499	1@1	CP_QAM64	18.33	-3.76	12.42	33.01	14.57	33.01	PASS
n41	15	15	536499	1@77	CP_QAM64	18.72	-3.76	12.81	33.01	14.96	33.01	PASS
n41	15	15	536499	39@19	CP_QAM25 6	15.28	-3.76	9.37	33.01	11.52	33.01	PASS
n41	15	15	536499	1@1	CP_QAM25 6	14.74	-3.76	8.83	33.01	10.98	33.01	PASS
n41	15	15	536499	1@77	CP_QAM25 6	15.12	-3.76	9.21	33.01	11.36	33.01	PASS
n41	15	20	501201	50@25	DFT_BPSK	21.85	-3.76	15.94	33.01	18.09	33.01	PASS
n41	15	20	501201	1@1	DFT_BPSK	21.83	-3.76	15.92	33.01	18.07	33.01	PASS
n41	15	20	501201	1@104	DFT_BPSK	21.61	-3.76	15.70	33.01	17.85	33.01	PASS
n41	15	20	501201	50@25	DFT_QPSK	21.85	-3.76	15.94	33.01	18.09	33.01	PASS
n41	15	20	501201	1@1	DFT_QPSK	21.71	-3.76	15.80	33.01	17.95	33.01	PASS
n41	15	20	501201	1@104	DFT_QPSK	21.59	-3.76	15.68	33.01	17.83	33.01	PASS
n41	15	20	501201	50@25	DFT_QAM1 6	20.80	-3.76	14.89	33.01	17.04	33.01	PASS
n41	15	20	501201	1@1	DFT_QAM1 6	20.45	-3.76	14.54	33.01	16.69	33.01	PASS
n41	15	20	501201	1@104	DFT_QAM1 6	20.43	-3.76	14.52	33.01	16.67	33.01	PASS
n41	15	20	501201	50@25	DFT_QAM6 4	19.30	-3.76	13.39	33.01	15.54	33.01	PASS
n41	15	20	501201	1@1	DFT_QAM6 4	19.37	-3.76	13.46	33.01	15.61	33.01	PASS
n41	15	20	501201	1@104	DFT_QAM6 4	19.17	-3.76	13.26	33.01	15.41	33.01	PASS
n41	15	20	501201	50@25	DFT_QAM2 56	17.41	-3.76	11.50	33.01	13.65	33.01	PASS
n41	15	20	501201	1@1	DFT_QAM2 56	17.51	-3.76	11.60	33.01	13.75	33.01	PASS
n41	15	20	501201	1@104	DFT_QAM2 56	17.00	-3.76	11.09	33.01	13.24	33.01	PASS
n41	15	20	501201	53@26	CP_QPSK	20.31	-3.76	14.40	33.01	16.55	33.01	PASS
n41	15	20	501201	1@1	CP_QPSK	20.37	-3.76	14.46	33.01	16.61	33.01	PASS
n41	15	20	501201	1@104	CP_QPSK	20.24	-3.76	14.33	33.01	16.48	33.01	PASS
n41	15	20	501201	53@26	CP_QAM16	19.79	-3.76	13.88	33.01	16.03	33.01	PASS
n41	15	20	501201	1@1	CP_QAM16	19.80	-3.76	13.89	33.01	16.04	33.01	PASS
n41	15	20	501201	1@104	CP_QAM16	19.83	-3.76	13.92	33.01	16.07	33.01	PASS
n41	15	20	501201	53@26	CP_QAM64	18.28	-3.76	12.37	33.01	14.52	33.01	PASS
n41	15	20	501201	1@1	CP_QAM64	17.87	-3.76	11.96	33.01	14.11	33.01	PASS
n41	15	20	501201	1@104	CP_QAM64	17.84	-3.76	11.93	33.01	14.08	33.01	PASS
n41	15	20	501201	53@26	CP_QAM25 6	15.43	-3.76	9.52	33.01	11.67	33.01	PASS

n41	15	20	501201	1@1	CP_QAM25 6	15.39	-3.76	9.48	33.01	11.63	33.01	PASS
n41	15	20	501201	1@104	CP_QAM25 6	15.17	-3.76	9.26	33.01	11.41	33.01	PASS
n41	15	20	518601	50@25	DFT_BPSK	21.25	-3.76	15.34	33.01	17.49	33.01	PASS
n41	15	20	518601	1@1	DFT_BPSK	21.06	-3.76	15.15	33.01	17.30	33.01	PASS
n41	15	20	518601	1@104	DFT_BPSK	21.29	-3.76	15.38	33.01	17.53	33.01	PASS
n41	15	20	518601	50@25	DFT_QPSK	21.29	-3.76	15.38	33.01	17.53	33.01	PASS
n41	15	20	518601	1@1	DFT_QPSK	20.95	-3.76	15.04	33.01	17.19	33.01	PASS
n41	15	20	518601	1@104	DFT_QPSK	21.12	-3.76	15.21	33.01	17.36	33.01	PASS
n41	15	20	518601	50@25	DFT_QAM1 6	20.24	-3.76	14.33	33.01	16.48	33.01	PASS
n41	15	20	518601	1@1	DFT_QAM1 6	20.25	-3.76	14.34	33.01	16.49	33.01	PASS
n41	15	20	518601	1@104	DFT_QAM1 6	20.53	-3.76	14.62	33.01	16.77	33.01	PASS
n41	15	20	518601	50@25	DFT_QAM6 4	18.77	-3.76	12.86	33.01	15.01	33.01	PASS
n41	15	20	518601	1@1	DFT_QAM6 4	18.51	-3.76	12.60	33.01	14.75	33.01	PASS
n41	15	20	518601	1@104	DFT_QAM6 4	19.11	-3.76	13.20	33.01	15.35	33.01	PASS
n41	15	20	518601	50@25	DFT_QAM2 56	16.77	-3.76	10.86	33.01	13.01	33.01	PASS
n41	15	20	518601	1@1	DFT_QAM2 56	16.27	-3.76	10.36	33.01	12.51	33.01	PASS
n41	15	20	518601	1@104	DFT_QAM2 56	16.74	-3.76	10.83	33.01	12.98	33.01	PASS
n41	15	20	518601	53@26	CP_QPSK	19.78	-3.76	13.87	33.01	16.02	33.01	PASS
n41	15	20	518601	1@1	CP_QPSK	19.52	-3.76	13.61	33.01	15.76	33.01	PASS
n41	15	20	518601	1@104	CP_QPSK	19.73	-3.76	13.82	33.01	15.97	33.01	PASS
n41	15	20	518601	53@26	CP_QAM16	19.29	-3.76	13.38	33.01	15.53	33.01	PASS
n41	15	20	518601	1@1	CP_QAM16	19.26	-3.76	13.35	33.01	15.50	33.01	PASS
n41	15	20	518601	1@104	CP_QAM16	19.39	-3.76	13.48	33.01	15.63	33.01	PASS
n41	15	20	518601	53@26	CP_QAM64	17.72	-3.76	11.81	33.01	13.96	33.01	PASS
n41	15	20	518601	1@1	CP_QAM64	17.19	-3.76	11.28	33.01	13.43	33.01	PASS
n41	15	20	518601	1@104	CP_QAM64	17.47	-3.76	11.56	33.01	13.71	33.01	PASS
n41	15	20	518601	53@26	CP_QAM25 6	14.87	-3.76	8.96	33.01	11.11	33.01	PASS
n41	15	20	518601	1@1	CP_QAM25 6	14.53	-3.76	8.62	33.01	10.77	33.01	PASS
n41	15	20	518601	1@104	CP_QAM25 6	14.86	-3.76	8.95	33.01	11.10	33.01	PASS
n41	15	20	535998	50@25	DFT_BPSK	21.53	-3.76	15.62	33.01	17.77	33.01	PASS
n41	15	20	535998	1@1	DFT_BPSK	20.84	-3.76	14.93	33.01	17.08	33.01	PASS
n41	15	20	535998	1@104	DFT_BPSK	21.66	-3.76	15.75	33.01	17.90	33.01	PASS

n41	15	20	535998	50@25	DFT_QPSK	21.52	-3.76	15.61	33.01	17.76	33.01	PASS
n41	15	20	535998	1@1	DFT_QPSK	20.80	-3.76	14.89	33.01	17.04	33.01	PASS
n41	15	20	535998	1@104	DFT_QPSK	21.53	-3.76	15.62	33.01	17.77	33.01	PASS
n41	15	20	535998	50@25	DFT_QAM1 6	20.56	-3.76	14.65	33.01	16.80	33.01	PASS
n41	15	20	535998	1@1	DFT_QAM1 6	19.62	-3.76	13.71	33.01	15.86	33.01	PASS
n41	15	20	535998	1@104	DFT_QAM1 6	20.83	-3.76	14.92	33.01	17.07	33.01	PASS
n41	15	20	535998	50@25	DFT_QAM6 4	18.98	-3.76	13.07	33.01	15.22	33.01	PASS
n41	15	20	535998	1@1	DFT_QAM6 4	18.62	-3.76	12.71	33.01	14.86	33.01	PASS
n41	15	20	535998	1@104	DFT_QAM6 4	19.36	-3.76	13.45	33.01	15.60	33.01	PASS
n41	15	20	535998	50@25	DFT_QAM2 56	17.01	-3.76	11.10	33.01	13.25	33.01	PASS
n41	15	20	535998	1@1	DFT_QAM2 56	16.06	-3.76	10.15	33.01	12.30	33.01	PASS
n41	15	20	535998	1@104	DFT_QAM2 56	17.14	-3.76	11.23	33.01	13.38	33.01	PASS
n41	15	20	535998	53@26	CP_QPSK	19.99	-3.76	14.08	33.01	16.23	33.01	PASS
n41	15	20	535998	1@1	CP_QPSK	19.30	-3.76	13.39	33.01	15.54	33.01	PASS
n41	15	20	535998	1@104	CP_QPSK	20.08	-3.76	14.17	33.01	16.32	33.01	PASS
n41	15	20	535998	53@26	CP_QAM16	19.50	-3.76	13.59	33.01	15.74	33.01	PASS
n41	15	20	535998	1@1	CP_QAM16	19.11	-3.76	13.20	33.01	15.35	33.01	PASS
n41	15	20	535998	1@104	CP_QAM16	19.72	-3.76	13.81	33.01	15.96	33.01	PASS
n41	15	20	535998	53@26	CP_QAM64	17.96	-3.76	12.05	33.01	14.20	33.01	PASS
n41	15	20	535998	1@1	CP_QAM64	17.64	-3.76	11.73	33.01	13.88	33.01	PASS
n41	15	20	535998	1@104	CP_QAM64	17.74	-3.76	11.83	33.01	13.98	33.01	PASS
n41	15	20	535998	53@26	CP_QAM25 6	15.11	-3.76	9.20	33.01	11.35	33.01	PASS
n41	15	20	535998	1@1	CP_QAM25 6	14.43	-3.76	8.52	33.01	10.67	33.01	PASS
n41	15	20	535998	1@104	CP_QAM25 6	15.02	-3.76	9.11	33.01	11.26	33.01	PASS
n41	15	30	502200	80@40	DFT_BPSK	21.83	-3.76	15.92	33.01	18.07	33.01	PASS
n41	15	30	502200	1@1	DFT_BPSK	21.66	-3.76	15.75	33.01	17.90	33.01	PASS
n41	15	30	502200	1@158	DFT_BPSK	21.42	-3.76	15.51	33.01	17.66	33.01	PASS
n41	15	30	502200	80@40	DFT_QPSK	21.75	-3.76	15.84	33.01	17.99	33.01	PASS
n41	15	30	502200	1@1	DFT_QPSK	21.49	-3.76	15.58	33.01	17.73	33.01	PASS
n41	15	30	502200	1@158	DFT_QPSK	21.33	-3.76	15.42	33.01	17.57	33.01	PASS
n41	15	30	502200	80@40	DFT_QAM1 6	20.79	-3.76	14.88	33.01	17.03	33.01	PASS
n41	15	30	502200	1@1	DFT_QAM1 6	20.80	-3.76	14.89	33.01	17.04	33.01	PASS

n41	15	30	502200	1@158	DFT_QAM1 6	20.14	-3.76	14.23	33.01	16.38	33.01	PASS
n41	15	30	502200	80@40	DFT_QAM6 4	19.24	-3.76	13.33	33.01	15.48	33.01	PASS
n41	15	30	502200	1@1	DFT_QAM6 4	19.45	-3.76	13.54	33.01	15.69	33.01	PASS
n41	15	30	502200	1@158	DFT_QAM6 4	19.23	-3.76	13.32	33.01	15.47	33.01	PASS
n41	15	30	502200	80@40	DFT_QAM2 56	17.44	-3.76	11.53	33.01	13.68	33.01	PASS
n41	15	30	502200	1@1	DFT_QAM2 56	16.90	-3.76	10.99	33.01	13.14	33.01	PASS
n41	15	30	502200	1@158	DFT_QAM2 56	16.81	-3.76	10.90	33.01	13.05	33.01	PASS
n41	15	30	502200	80@40	CP_QPSK	20.29	-3.76	14.38	33.01	16.53	33.01	PASS
n41	15	30	502200	1@1	CP_QPSK	20.10	-3.76	14.19	33.01	16.34	33.01	PASS
n41	15	30	502200	1@158	CP_QPSK	19.97	-3.76	14.06	33.01	16.21	33.01	PASS
n41	15	30	502200	80@40	CP_QAM16	19.82	-3.76	13.91	33.01	16.06	33.01	PASS
n41	15	30	502200	1@1	CP_QAM16	19.69	-3.76	13.78	33.01	15.93	33.01	PASS
n41	15	30	502200	1@158	CP_QAM16	19.52	-3.76	13.61	33.01	15.76	33.01	PASS
n41	15	30	502200	80@40	CP_QAM64	18.32	-3.76	12.41	33.01	14.56	33.01	PASS
n41	15	30	502200	1@1	CP_QAM64	18.35	-3.76	12.44	33.01	14.59	33.01	PASS
n41	15	30	502200	1@158	CP_QAM64	17.66	-3.76	11.75	33.01	13.90	33.01	PASS
n41	15	30	502200	80@40	CP_QAM25 6	15.43	-3.76	9.52	33.01	11.67	33.01	PASS
n41	15	30	502200	1@1	CP_QAM25 6	14.95	-3.76	9.04	33.01	11.19	33.01	PASS
n41	15	30	502200	1@158	CP_QAM25 6	15.05	-3.76	9.14	33.01	11.29	33.01	PASS
n41	15	30	518601	80@40	DFT_BPSK	21.26	-3.76	15.35	33.01	17.50	33.01	PASS
n41	15	30	518601	1@1	DFT_BPSK	20.88	-3.76	14.97	33.01	17.12	33.01	PASS
n41	15	30	518601	1@158	DFT_BPSK	21.04	-3.76	15.13	33.01	17.28	33.01	PASS
n41	15	30	518601	80@40	DFT_QPSK	21.32	-3.76	15.41	33.01	17.56	33.01	PASS
n41	15	30	518601	1@1	DFT_QPSK	20.79	-3.76	14.88	33.01	17.03	33.01	PASS
n41	15	30	518601	1@158	DFT_QPSK	20.93	-3.76	15.02	33.01	17.17	33.01	PASS
n41	15	30	518601	80@40	DFT_QAM1 6	20.30	-3.76	14.39	33.01	16.54	33.01	PASS
n41	15	30	518601	1@1	DFT_QAM1 6	19.74	-3.76	13.83	33.01	15.98	33.01	PASS
n41	15	30	518601	1@158	DFT_QAM1 6	19.88	-3.76	13.97	33.01	16.12	33.01	PASS
n41	15	30	518601	80@40	DFT_QAM6 4	18.76	-3.76	12.85	33.01	15.00	33.01	PASS
n41	15	30	518601	1@1	DFT_QAM6 4	18.75	-3.76	12.84	33.01	14.99	33.01	PASS
n41	15	30	518601	1@158	DFT_QAM6 4	18.62	-3.76	12.71	33.01	14.86	33.01	PASS

n41	15	30	518601	80@40	DFT_QAM2 56	16.79	-3.76	10.88	33.01	13.03	33.01	PASS
n41	15	30	518601	1@1	DFT_QAM2 56	16.11	-3.76	10.20	33.01	12.35	33.01	PASS
n41	15	30	518601	1@158	DFT_QAM2 56	16.26	-3.76	10.35	33.01	12.50	33.01	PASS
n41	15	30	518601	80@40	CP_QPSK	19.73	-3.76	13.82	33.01	15.97	33.01	PASS
n41	15	30	518601	1@1	CP_QPSK	19.42	-3.76	13.51	33.01	15.66	33.01	PASS
n41	15	30	518601	1@158	CP_QPSK	19.61	-3.76	13.70	33.01	15.85	33.01	PASS
n41	15	30	518601	80@40	CP_QAM16	19.30	-3.76	13.39	33.01	15.54	33.01	PASS
n41	15	30	518601	1@1	CP_QAM16	19.06	-3.76	13.15	33.01	15.30	33.01	PASS
n41	15	30	518601	1@158	CP_QAM16	19.28	-3.76	13.37	33.01	15.52	33.01	PASS
n41	15	30	518601	80@40	CP_QAM64	17.74	-3.76	11.83	33.01	13.98	33.01	PASS
n41	15	30	518601	1@1	CP_QAM64	17.13	-3.76	11.22	33.01	13.37	33.01	PASS
n41	15	30	518601	1@158	CP_QAM64	17.36	-3.76	11.45	33.01	13.60	33.01	PASS
n41	15	30	518601	80@40	CP_QAM25 6	14.79	-3.76	8.88	33.01	11.03	33.01	PASS
n41	15	30	518601	1@1	CP_QAM25 6	14.51	-3.76	8.60	33.01	10.75	33.01	PASS
n41	15	30	518601	1@158	CP_QAM25 6	14.66	-3.76	8.75	33.01	10.90	33.01	PASS
n41	15	30	534999	80@40	DFT_BPSK	21.22	-3.76	15.31	33.01	17.46	33.01	PASS
n41	15	30	534999	1@1	DFT_BPSK	20.66	-3.76	14.75	33.01	16.90	33.01	PASS
n41	15	30	534999	1@158	DFT_BPSK	21.45	-3.76	15.54	33.01	17.69	33.01	PASS
n41	15	30	534999	80@40	DFT_QPSK	21.34	-3.76	15.43	33.01	17.58	33.01	PASS
n41	15	30	534999	1@1	DFT_QPSK	20.52	-3.76	14.61	33.01	16.76	33.01	PASS
n41	15	30	534999	1@158	DFT_QPSK	21.26	-3.76	15.35	33.01	17.50	33.01	PASS
n41	15	30	534999	80@40	DFT_QAM1 6	20.25	-3.76	14.34	33.01	16.49	33.01	PASS
n41	15	30	534999	1@1	DFT_QAM1 6	19.45	-3.76	13.54	33.01	15.69	33.01	PASS
n41	15	30	534999	1@158	DFT_QAM1 6	20.17	-3.76	14.26	33.01	16.41	33.01	PASS
n41	15	30	534999	80@40	DFT_QAM6 4	18.66	-3.76	12.75	33.01	14.90	33.01	PASS
n41	15	30	534999	1@1	DFT_QAM6 4	18.62	-3.76	12.71	33.01	14.86	33.01	PASS
n41	15	30	534999	1@158	DFT_QAM6 4	19.29	-3.76	13.38	33.01	15.53	33.01	PASS
n41	15	30	534999	80@40	DFT_QAM2 56	16.73	-3.76	10.82	33.01	12.97	33.01	PASS
n41	15	30	534999	1@1	DFT_QAM2 56	15.85	-3.76	9.94	33.01	12.09	33.01	PASS
n41	15	30	534999	1@158	DFT_QAM2 56	16.90	-3.76	10.99	33.01	13.14	33.01	PASS
n41	15	30	534999	80@40	CP_QPSK	19.74	-3.76	13.83	33.01	15.98	33.01	PASS
n41	15	30	534999	1@1	CP_QPSK	19.25	-3.76	13.34	33.01	15.49	33.01	PASS

n41	15	30	534999	1@158	CP_QPSK	19.92	-3.76	14.01	33.01	16.16	33.01	PASS
n41	15	30	534999	80@40	CP_QAM16	19.29	-3.76	13.38	33.01	15.53	33.01	PASS
n41	15	30	534999	1@1	CP_QAM16	18.76	-3.76	12.85	33.01	15.00	33.01	PASS
n41	15	30	534999	1@158	CP_QAM16	19.61	-3.76	13.70	33.01	15.85	33.01	PASS
n41	15	30	534999	80@40	CP_QAM64	17.80	-3.76	11.89	33.01	14.04	33.01	PASS
n41	15	30	534999	1@1	CP_QAM64	16.90	-3.76	10.99	33.01	13.14	33.01	PASS
n41	15	30	534999	1@158	CP_QAM64	17.56	-3.76	11.65	33.01	13.80	33.01	PASS
n41	15	30	534999	80@40	CP_QAM256	14.80	-3.76	8.89	33.01	11.04	33.01	PASS
n41	15	30	534999	1@1	CP_QAM256	14.38	-3.76	8.47	33.01	10.62	33.01	PASS
n41	15	30	534999	1@158	CP_QAM256	15.05	-3.76	9.14	33.01	11.29	33.01	PASS
n41	15	40	503202	108@54	DFT_BPSK	21.84	-3.76	15.93	33.01	18.08	33.01	PASS
n41	15	40	503202	1@1	DFT_BPSK	21.34	-3.76	15.43	33.01	17.58	33.01	PASS
n41	15	40	503202	1@214	DFT_BPSK	21.00	-3.76	15.09	33.01	17.24	33.01	PASS
n41	15	40	503202	108@54	DFT_QPSK	21.88	-3.76	15.97	33.01	18.12	33.01	PASS
n41	15	40	503202	1@1	DFT_QPSK	21.31	-3.76	15.40	33.01	17.55	33.01	PASS
n41	15	40	503202	1@214	DFT_QPSK	20.89	-3.76	14.98	33.01	17.13	33.01	PASS
n41	15	40	503202	108@54	DFT_QAM16	20.80	-3.76	14.89	33.01	17.04	33.01	PASS
n41	15	40	503202	1@1	DFT_QAM16	20.08	-3.76	14.17	33.01	16.32	33.01	PASS
n41	15	40	503202	1@214	DFT_QAM16	19.74	-3.76	13.83	33.01	15.98	33.01	PASS
n41	15	40	503202	108@54	DFT_QAM64	19.34	-3.76	13.43	33.01	15.58	33.01	PASS
n41	15	40	503202	1@1	DFT_QAM64	19.19	-3.76	13.28	33.01	15.43	33.01	PASS
n41	15	40	503202	1@214	DFT_QAM64	18.74	-3.76	12.83	33.01	14.98	33.01	PASS
n41	15	40	503202	108@54	DFT_QAM256	17.47	-3.76	11.56	33.01	13.71	33.01	PASS
n41	15	40	503202	1@1	DFT_QAM256	17.08	-3.76	11.17	33.01	13.32	33.01	PASS
n41	15	40	503202	1@214	DFT_QAM256	16.59	-3.76	10.68	33.01	12.83	33.01	PASS
n41	15	40	503202	108@54	CP_QPSK	20.34	-3.76	14.43	33.01	16.58	33.01	PASS
n41	15	40	503202	1@1	CP_QPSK	19.92	-3.76	14.01	33.01	16.16	33.01	PASS
n41	15	40	503202	1@214	CP_QPSK	19.57	-3.76	13.66	33.01	15.81	33.01	PASS
n41	15	40	503202	108@54	CP_QAM16	19.82	-3.76	13.91	33.01	16.06	33.01	PASS
n41	15	40	503202	1@1	CP_QAM16	19.52	-3.76	13.61	33.01	15.76	33.01	PASS
n41	15	40	503202	1@214	CP_QAM16	19.08	-3.76	13.17	33.01	15.32	33.01	PASS
n41	15	40	503202	108@54	CP_QAM64	18.35	-3.76	12.44	33.01	14.59	33.01	PASS
n41	15	40	503202	1@1	CP_QAM64	18.53	-3.76	12.62	33.01	14.77	33.01	PASS



n41	15	40	503202	1@214	CP_QAM64	18.14	-3.76	12.23	33.01	14.38	33.01	PASS
n41	15	40	503202	108@54	CP_QAM25 6	15.41	-3.76	9.50	33.01	11.65	33.01	PASS
n41	15	40	503202	1@1	CP_QAM25 6	14.77	-3.76	8.86	33.01	11.01	33.01	PASS
n41	15	40	503202	1@214	CP_QAM25 6	14.46	-3.76	8.55	33.01	10.70	33.01	PASS
n41	15	40	518598	108@54	DFT_BPSK	21.27	-3.76	15.36	33.01	17.51	33.01	PASS
n41	15	40	518598	1@1	DFT_BPSK	20.79	-3.76	14.88	33.01	17.03	33.01	PASS
n41	15	40	518598	1@214	DFT_BPSK	20.76	-3.76	14.85	33.01	17.00	33.01	PASS
n41	15	40	518598	108@54	DFT_QPSK	21.27	-3.76	15.36	33.01	17.51	33.01	PASS
n41	15	40	518598	1@1	DFT_QPSK	20.74	-3.76	14.83	33.01	16.98	33.01	PASS
n41	15	40	518598	1@214	DFT_QPSK	20.66	-3.76	14.75	33.01	16.90	33.01	PASS
n41	15	40	518598	108@54	DFT_QAM1 6	20.28	-3.76	14.37	33.01	16.52	33.01	PASS
n41	15	40	518598	1@1	DFT_QAM1 6	19.61	-3.76	13.70	33.01	15.85	33.01	PASS
n41	15	40	518598	1@214	DFT_QAM1 6	19.53	-3.76	13.62	33.01	15.77	33.01	PASS
n41	15	40	518598	108@54	DFT_QAM6 4	18.84	-3.76	12.93	33.01	15.08	33.01	PASS
n41	15	40	518598	1@1	DFT_QAM6 4	18.61	-3.76	12.70	33.01	14.85	33.01	PASS
n41	15	40	518598	1@214	DFT_QAM6 4	18.52	-3.76	12.61	33.01	14.76	33.01	PASS
n41	15	40	518598	108@54	DFT_QAM2 56	16.80	-3.76	10.89	33.01	13.04	33.01	PASS
n41	15	40	518598	1@1	DFT_QAM2 56	16.40	-3.76	10.49	33.01	12.64	33.01	PASS
n41	15	40	518598	1@214	DFT_QAM2 56	15.92	-3.76	10.01	33.01	12.16	33.01	PASS
n41	15	40	518598	108@54	CP_QPSK	19.77	-3.76	13.86	33.01	16.01	33.01	PASS
n41	15	40	518598	1@1	CP_QPSK	19.43	-3.76	13.52	33.01	15.67	33.01	PASS
n41	15	40	518598	1@214	CP_QPSK	19.33	-3.76	13.42	33.01	15.57	33.01	PASS
n41	15	40	518598	108@54	CP_QAM16	19.37	-3.76	13.46	33.01	15.61	33.01	PASS
n41	15	40	518598	1@1	CP_QAM16	19.00	-3.76	13.09	33.01	15.24	33.01	PASS
n41	15	40	518598	1@214	CP_QAM16	18.90	-3.76	12.99	33.01	15.14	33.01	PASS
n41	15	40	518598	108@54	CP_QAM64	17.76	-3.76	11.85	33.01	14.00	33.01	PASS
n41	15	40	518598	1@1	CP_QAM64	17.98	-3.76	12.07	33.01	14.22	33.01	PASS
n41	15	40	518598	1@214	CP_QAM64	17.83	-3.76	11.92	33.01	14.07	33.01	PASS
n41	15	40	518598	108@54	CP_QAM25 6	14.93	-3.76	9.02	33.01	11.17	33.01	PASS
n41	15	40	518598	1@1	CP_QAM25 6	14.28	-3.76	8.37	33.01	10.52	33.01	PASS
n41	15	40	518598	1@214	CP_QAM25 6	14.26	-3.76	8.35	33.01	10.50	33.01	PASS
n41	15	40	534000	108@54	DFT_BPSK	21.17	-3.76	15.26	33.01	17.41	33.01	PASS

n41	15	40	534000	1@1	DFT_BPSK	20.65	-3.76	14.74	33.01	16.89	33.01	PASS
n41	15	40	534000	1@214	DFT_BPSK	21.22	-3.76	15.31	33.01	17.46	33.01	PASS
n41	15	40	534000	108@54	DFT_QPSK	21.20	-3.76	15.29	33.01	17.44	33.01	PASS
n41	15	40	534000	1@1	DFT_QPSK	20.56	-3.76	14.65	33.01	16.80	33.01	PASS
n41	15	40	534000	1@214	DFT_QPSK	21.09	-3.76	15.18	33.01	17.33	33.01	PASS
n41	15	40	534000	108@54	DFT_QAM16	20.12	-3.76	14.21	33.01	16.36	33.01	PASS
n41	15	40	534000	1@1	DFT_QAM16	19.46	-3.76	13.55	33.01	15.70	33.01	PASS
n41	15	40	534000	1@214	DFT_QAM16	20.01	-3.76	14.10	33.01	16.25	33.01	PASS
n41	15	40	534000	108@54	DFT_QAM64	18.67	-3.76	12.76	33.01	14.91	33.01	PASS
n41	15	40	534000	1@1	DFT_QAM64	18.30	-3.76	12.39	33.01	14.54	33.01	PASS
n41	15	40	534000	1@214	DFT_QAM64	18.76	-3.76	12.85	33.01	15.00	33.01	PASS
n41	15	40	534000	108@54	DFT_QAM256	16.57	-3.76	10.66	33.01	12.81	33.01	PASS
n41	15	40	534000	1@1	DFT_QAM256	16.23	-3.76	10.32	33.01	12.47	33.01	PASS
n41	15	40	534000	1@214	DFT_QAM256	16.45	-3.76	10.54	33.01	12.69	33.01	PASS
n41	15	40	534000	108@54	CP_QPSK	19.59	-3.76	13.68	33.01	15.83	33.01	PASS
n41	15	40	534000	1@1	CP_QPSK	19.21	-3.76	13.30	33.01	15.45	33.01	PASS
n41	15	40	534000	1@214	CP_QPSK	19.67	-3.76	13.76	33.01	15.91	33.01	PASS
n41	15	40	534000	108@54	CP_QAM16	19.05	-3.76	13.14	33.01	15.29	33.01	PASS
n41	15	40	534000	1@1	CP_QAM16	18.87	-3.76	12.96	33.01	15.11	33.01	PASS
n41	15	40	534000	1@214	CP_QAM16	19.16	-3.76	13.25	33.01	15.40	33.01	PASS
n41	15	40	534000	108@54	CP_QAM64	17.55	-3.76	11.64	33.01	13.79	33.01	PASS
n41	15	40	534000	1@1	CP_QAM64	17.80	-3.76	11.89	33.01	14.04	33.01	PASS
n41	15	40	534000	1@214	CP_QAM64	18.26	-3.76	12.35	33.01	14.50	33.01	PASS
n41	15	40	534000	108@54	CP_QAM256	14.68	-3.76	8.77	33.01	10.92	33.01	PASS
n41	15	40	534000	1@1	CP_QAM256	14.11	-3.76	8.20	33.01	10.35	33.01	PASS
n41	15	40	534000	1@214	CP_QAM256	14.63	-3.76	8.72	33.01	10.87	33.01	PASS
n41	15	50	504201	135@67	DFT_BPSK	21.79	-3.76	15.88	33.01	18.03	33.01	PASS
n41	15	50	504201	1@1	DFT_BPSK	21.58	-3.76	15.67	33.01	17.82	33.01	PASS
n41	15	50	504201	1@268	DFT_BPSK	21.09	-3.76	15.18	33.01	17.33	33.01	PASS
n41	15	50	504201	135@67	DFT_QPSK	21.79	-3.76	15.88	33.01	18.03	33.01	PASS
n41	15	50	504201	1@1	DFT_QPSK	21.53	-3.76	15.62	33.01	17.77	33.01	PASS
n41	15	50	504201	1@268	DFT_QPSK	21.00	-3.76	15.09	33.01	17.24	33.01	PASS
n41	15	50	504201	135@67	DFT_QAM16	20.83	-3.76	14.92	33.01	17.07	33.01	PASS

n41	15	50	504201	1@1	DFT_QAM1 6	20.82	-3.76	14.91	33.01	17.06	33.01	PASS
n41	15	50	504201	1@268	DFT_QAM1 6	20.32	-3.76	14.41	33.01	16.56	33.01	PASS
n41	15	50	504201	135@67	DFT_QAM6 4	19.18	-3.76	13.27	33.01	15.42	33.01	PASS
n41	15	50	504201	1@1	DFT_QAM6 4	19.54	-3.76	13.63	33.01	15.78	33.01	PASS
n41	15	50	504201	1@268	DFT_QAM6 4	18.85	-3.76	12.94	33.01	15.09	33.01	PASS
n41	15	50	504201	135@67	DFT_QAM2 56	17.34	-3.76	11.43	33.01	13.58	33.01	PASS
n41	15	50	504201	1@1	DFT_QAM2 56	17.08	-3.76	11.17	33.01	13.32	33.01	PASS
n41	15	50	504201	1@268	DFT_QAM2 56	16.36	-3.76	10.45	33.01	12.60	33.01	PASS
n41	15	50	504201	135@67	CP_QPSK	20.16	-3.76	14.25	33.01	16.40	33.01	PASS
n41	15	50	504201	1@1	CP_QPSK	20.15	-3.76	14.24	33.01	16.39	33.01	PASS
n41	15	50	504201	1@268	CP_QPSK	19.75	-3.76	13.84	33.01	15.99	33.01	PASS
n41	15	50	504201	135@67	CP_QAM16	19.73	-3.76	13.82	33.01	15.97	33.01	PASS
n41	15	50	504201	1@1	CP_QAM16	19.81	-3.76	13.90	33.01	16.05	33.01	PASS
n41	15	50	504201	1@268	CP_QAM16	19.22	-3.76	13.31	33.01	15.46	33.01	PASS
n41	15	50	504201	135@67	CP_QAM64	18.22	-3.76	12.31	33.01	14.46	33.01	PASS
n41	15	50	504201	1@1	CP_QAM64	17.77	-3.76	11.86	33.01	14.01	33.01	PASS
n41	15	50	504201	1@268	CP_QAM64	17.29	-3.76	11.38	33.01	13.53	33.01	PASS
n41	15	50	504201	135@67	CP_QAM25 6	15.32	-3.76	9.41	33.01	11.56	33.01	PASS
n41	15	50	504201	1@1	CP_QAM25 6	15.19	-3.76	9.28	33.01	11.43	33.01	PASS
n41	15	50	504201	1@268	CP_QAM25 6	14.72	-3.76	8.81	33.01	10.96	33.01	PASS
n41	15	50	518601	135@67	DFT_BPSK	21.28	-3.76	15.37	33.01	17.52	33.01	PASS
n41	15	50	518601	1@1	DFT_BPSK	21.25	-3.76	15.34	33.01	17.49	33.01	PASS
n41	15	50	518601	1@268	DFT_BPSK	20.91	-3.76	15.00	33.01	17.15	33.01	PASS
n41	15	50	518601	135@67	DFT_QPSK	21.27	-3.76	15.36	33.01	17.51	33.01	PASS
n41	15	50	518601	1@1	DFT_QPSK	20.97	-3.76	15.06	33.01	17.21	33.01	PASS
n41	15	50	518601	1@268	DFT_QPSK	20.77	-3.76	14.86	33.01	17.01	33.01	PASS
n41	15	50	518601	135@67	DFT_QAM1 6	20.30	-3.76	14.39	33.01	16.54	33.01	PASS
n41	15	50	518601	1@1	DFT_QAM1 6	20.18	-3.76	14.27	33.01	16.42	33.01	PASS
n41	15	50	518601	1@268	DFT_QAM1 6	19.82	-3.76	13.91	33.01	16.06	33.01	PASS
n41	15	50	518601	135@67	DFT_QAM6 4	18.75	-3.76	12.84	33.01	14.99	33.01	PASS
n41	15	50	518601	1@1	DFT_QAM6 4	19.05	-3.76	13.14	33.01	15.29	33.01	PASS

n41	15	50	518601	1@268	DFT_QAM6 4	18.74	-3.76	12.83	33.01	14.98	33.01	PASS
n41	15	50	518601	135@67	DFT_QAM2 56	16.60	-3.76	10.69	33.01	12.84	33.01	PASS
n41	15	50	518601	1@1	DFT_QAM2 56	16.41	-3.76	10.50	33.01	12.65	33.01	PASS
n41	15	50	518601	1@268	DFT_QAM2 56	16.18	-3.76	10.27	33.01	12.42	33.01	PASS
n41	15	50	518601	135@67	CP_QPSK	19.67	-3.76	13.76	33.01	15.91	33.01	PASS
n41	15	50	518601	1@1	CP_QPSK	19.80	-3.76	13.89	33.01	16.04	33.01	PASS
n41	15	50	518601	1@268	CP_QPSK	19.38	-3.76	13.47	33.01	15.62	33.01	PASS
n41	15	50	518601	135@67	CP_QAM16	19.24	-3.76	13.33	33.01	15.48	33.01	PASS
n41	15	50	518601	1@1	CP_QAM16	19.35	-3.76	13.44	33.01	15.59	33.01	PASS
n41	15	50	518601	1@268	CP_QAM16	19.04	-3.76	13.13	33.01	15.28	33.01	PASS
n41	15	50	518601	135@67	CP_QAM64	17.66	-3.76	11.75	33.01	13.90	33.01	PASS
n41	15	50	518601	1@1	CP_QAM64	17.22	-3.76	11.31	33.01	13.46	33.01	PASS
n41	15	50	518601	1@268	CP_QAM64	16.94	-3.76	11.03	33.01	13.18	33.01	PASS
n41	15	50	518601	135@67	CP_QAM25 6	14.73	-3.76	8.82	33.01	10.97	33.01	PASS
n41	15	50	518601	1@1	CP_QAM25 6	14.72	-3.76	8.81	33.01	10.96	33.01	PASS
n41	15	50	518601	1@268	CP_QAM25 6	14.42	-3.76	8.51	33.01	10.66	33.01	PASS
n41	15	50	532998	135@67	DFT_BPSK	21.14	-3.76	15.23	33.01	17.38	33.01	PASS
n41	15	50	532998	1@1	DFT_BPSK	20.94	-3.76	15.03	33.01	17.18	33.01	PASS
n41	15	50	532998	1@268	DFT_BPSK	21.50	-3.76	15.59	33.01	17.74	33.01	PASS
n41	15	50	532998	135@67	DFT_QPSK	21.10	-3.76	15.19	33.01	17.34	33.01	PASS
n41	15	50	532998	1@1	DFT_QPSK	20.76	-3.76	14.85	33.01	17.00	33.01	PASS
n41	15	50	532998	1@268	DFT_QPSK	21.33	-3.76	15.42	33.01	17.57	33.01	PASS
n41	15	50	532998	135@67	DFT_QAM1 6	20.10	-3.76	14.19	33.01	16.34	33.01	PASS
n41	15	50	532998	1@1	DFT_QAM1 6	19.68	-3.76	13.77	33.01	15.92	33.01	PASS
n41	15	50	532998	1@268	DFT_QAM1 6	20.47	-3.76	14.56	33.01	16.71	33.01	PASS
n41	15	50	532998	135@67	DFT_QAM6 4	18.59	-3.76	12.68	33.01	14.83	33.01	PASS
n41	15	50	532998	1@1	DFT_QAM6 4	18.76	-3.76	12.85	33.01	15.00	33.01	PASS
n41	15	50	532998	1@268	DFT_QAM6 4	19.42	-3.76	13.51	33.01	15.66	33.01	PASS
n41	15	50	532998	135@67	DFT_QAM2 56	16.50	-3.76	10.59	33.01	12.74	33.01	PASS
n41	15	50	532998	1@1	DFT_QAM2 56	16.46	-3.76	10.55	33.01	12.70	33.01	PASS
n41	15	50	532998	1@268	DFT_QAM2 56	16.95	-3.76	11.04	33.01	13.19	33.01	PASS

n41	15	50	532998	135@67	CP_QPSK	19.54	-3.76	13.63	33.01	15.78	33.01	PASS
n41	15	50	532998	1@1	CP_QPSK	19.57	-3.76	13.66	33.01	15.81	33.01	PASS
n41	15	50	532998	1@268	CP_QPSK	20.00	-3.76	14.09	33.01	16.24	33.01	PASS
n41	15	50	532998	135@67	CP_QAM16	19.12	-3.76	13.21	33.01	15.36	33.01	PASS
n41	15	50	532998	1@1	CP_QAM16	19.12	-3.76	13.21	33.01	15.36	33.01	PASS
n41	15	50	532998	1@268	CP_QAM16	19.62	-3.76	13.71	33.01	15.86	33.01	PASS
n41	15	50	532998	135@67	CP_QAM64	17.50	-3.76	11.59	33.01	13.74	33.01	PASS
n41	15	50	532998	1@1	CP_QAM64	17.56	-3.76	11.65	33.01	13.80	33.01	PASS
n41	15	50	532998	1@268	CP_QAM64	17.59	-3.76	11.68	33.01	13.83	33.01	PASS
n41	15	50	532998	135@67	CP_QAM25 6	14.59	-3.76	8.68	33.01	10.83	33.01	PASS
n41	15	50	532998	1@1	CP_QAM25 6	14.63	-3.76	8.72	33.01	10.87	33.01	PASS
n41	15	50	532998	1@268	CP_QAM25 6	15.00	-3.76	9.09	33.01	11.24	33.01	PASS

Appendix 5G NR -n66 - SCS 15KHz

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n66	15	5	342500	12@6	DFT_BPSK	21.96	-4.38	15.43	30	17.58	30	PASS
n66	15	5	342500	1@1	DFT_BPSK	22.00	-4.38	15.47	30	17.62	30	PASS
n66	15	5	342500	1@23	DFT_BPSK	21.91	-4.38	15.38	30	17.53	30	PASS
n66	15	5	342500	12@6	DFT_QPSK	22.08	-4.38	15.55	30	17.70	30	PASS
n66	15	5	342500	1@1	DFT_QPSK	21.91	-4.38	15.38	30	17.53	30	PASS
n66	15	5	342500	1@23	DFT_QPSK	21.90	-4.38	15.37	30	17.52	30	PASS
n66	15	5	342500	12@6	DFT_QAM16	21.06	-4.38	14.53	30	16.68	30	PASS
n66	15	5	342500	1@1	DFT_QAM16	20.72	-4.38	14.19	30	16.34	30	PASS
n66	15	5	342500	1@23	DFT_QAM16	20.98	-4.38	14.45	30	16.60	30	PASS
n66	15	5	342500	12@6	DFT_QAM64	19.65	-4.38	13.12	30	15.27	30	PASS
n66	15	5	342500	1@1	DFT_QAM64	20.01	-4.38	13.48	30	15.63	30	PASS
n66	15	5	342500	1@23	DFT_QAM64	19.84	-4.38	13.31	30	15.46	30	PASS
n66	15	5	342500	12@6	DFT_QAM256	17.75	-4.38	11.22	30	13.37	30	PASS
n66	15	5	342500	1@1	DFT_QAM256	17.66	-4.38	11.13	30	13.28	30	PASS
n66	15	5	342500	1@23	DFT_QAM256	17.40	-4.38	10.87	30	13.02	30	PASS
n66	15	5	342500	13@6	CP_QPSK	20.69	-4.38	14.16	30	16.31	30	PASS
n66	15	5	342500	1@1	CP_QPSK	20.72	-4.38	14.19	30	16.34	30	PASS
n66	15	5	342500	1@23	CP_QPSK	20.67	-4.38	14.14	30	16.29	30	PASS
n66	15	5	342500	13@6	CP_QAM16	20.33	-4.38	13.80	30	15.95	30	PASS
n66	15	5	342500	1@1	CP_QAM16	20.27	-4.38	13.74	30	15.89	30	PASS
n66	15	5	342500	1@23	CP_QAM16	20.26	-4.38	13.73	30	15.88	30	PASS
n66	15	5	342500	13@6	CP_QAM64	18.65	-4.38	12.12	30	14.27	30	PASS
n66	15	5	342500	1@1	CP_QAM64	18.31	-4.38	11.78	30	13.93	30	PASS
n66	15	5	342500	1@23	CP_QAM64	18.24	-4.38	11.71	30	13.86	30	PASS
n66	15	5	342500	13@6	CP_QAM256	15.57	-4.38	9.04	30	11.19	30	PASS
n66	15	5	342500	1@1	CP_QAM256	15.61	-4.38	9.08	30	11.23	30	PASS
n66	15	5	342500	1@23	CP_QAM256	15.48	-4.38	8.95	30	11.10	30	PASS

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n66	15	5	349000	12@6	DFT_BPSK	21.84	-4.38	15.31	30	17.46	30	PASS
n66	15	5	349000	1@1	DFT_BPSK	21.87	-4.38	15.34	30	17.49	30	PASS
n66	15	5	349000	1@23	DFT_BPSK	21.76	-4.38	15.23	30	17.38	30	PASS
n66	15	5	349000	12@6	DFT_QPSK	21.86	-4.38	15.33	30	17.48	30	PASS
n66	15	5	349000	1@1	DFT_QPSK	21.68	-4.38	15.15	30	17.30	30	PASS
n66	15	5	349000	1@23	DFT_QPSK	21.58	-4.38	15.05	30	17.20	30	PASS
n66	15	5	349000	12@6	DFT_QAM1 6	20.86	-4.38	14.33	30	16.48	30	PASS
n66	15	5	349000	1@1	DFT_QAM1 6	20.55	-4.38	14.02	30	16.17	30	PASS
n66	15	5	349000	1@23	DFT_QAM1 6	20.88	-4.38	14.35	30	16.50	30	PASS
n66	15	5	349000	12@6	DFT_QAM6 4	19.50	-4.38	12.97	30	15.12	30	PASS
n66	15	5	349000	1@1	DFT_QAM6 4	19.88	-4.38	13.35	30	15.50	30	PASS
n66	15	5	349000	1@23	DFT_QAM6 4	19.58	-4.38	13.05	30	15.20	30	PASS
n66	15	5	349000	12@6	DFT_QAM2 56	17.56	-4.38	11.03	30	13.18	30	PASS
n66	15	5	349000	1@1	DFT_QAM2 56	17.25	-4.38	10.72	30	12.87	30	PASS
n66	15	5	349000	1@23	DFT_QAM2 56	17.34	-4.38	10.81	30	12.96	30	PASS
n66	15	5	349000	13@6	CP_QPSK	20.21	-4.38	13.68	30	15.83	30	PASS
n66	15	5	349000	1@1	CP_QPSK	20.31	-4.38	13.78	30	15.93	30	PASS
n66	15	5	349000	1@23	CP_QPSK	20.22	-4.38	13.69	30	15.84	30	PASS
n66	15	5	349000	13@6	CP_QAM16	19.99	-4.38	13.46	30	15.61	30	PASS
n66	15	5	349000	1@1	CP_QAM16	20.08	-4.38	13.55	30	15.70	30	PASS
n66	15	5	349000	1@23	CP_QAM16	19.95	-4.38	13.42	30	15.57	30	PASS
n66	15	5	349000	13@6	CP_QAM64	18.32	-4.38	11.79	30	13.94	30	PASS
n66	15	5	349000	1@1	CP_QAM64	18.53	-4.38	12.00	30	14.15	30	PASS
n66	15	5	349000	1@23	CP_QAM64	18.14	-4.38	11.61	30	13.76	30	PASS
n66	15	5	349000	13@6	CP_QAM25 6	15.40	-4.38	8.87	30	11.02	30	PASS
n66	15	5	349000	1@1	CP_QAM25 6	15.35	-4.38	8.82	30	10.97	30	PASS
n66	15	5	349000	1@23	CP_QAM25 6	15.27	-4.38	8.74	30	10.89	30	PASS
n66	15	5	355500	12@6	DFT_BPSK	21.88	-4.38	15.35	30	17.50	30	PASS
n66	15	5	355500	1@1	DFT_BPSK	21.80	-4.38	15.27	30	17.42	30	PASS
n66	15	5	355500	1@23	DFT_BPSK	21.91	-4.38	15.38	30	17.53	30	PASS
n66	15	5	355500	12@6	DFT_QPSK	21.92	-4.38	15.39	30	17.54	30	PASS
n66	15	5	355500	1@1	DFT_QPSK	21.76	-4.38	15.23	30	17.38	30	PASS

n66	15	5	355500	1@23	DFT_QPSK	21.71	-4.38	15.18	30	17.33	30	PASS
n66	15	5	355500	12@6	DFT_QAM1 6	20.96	-4.38	14.43	30	16.58	30	PASS
n66	15	5	355500	1@1	DFT_QAM1 6	20.66	-4.38	14.13	30	16.28	30	PASS
n66	15	5	355500	1@23	DFT_QAM1 6	20.60	-4.38	14.07	30	16.22	30	PASS
n66	15	5	355500	12@6	DFT_QAM6 4	19.68	-4.38	13.15	30	15.30	30	PASS
n66	15	5	355500	1@1	DFT_QAM6 4	19.77	-4.38	13.24	30	15.39	30	PASS
n66	15	5	355500	1@23	DFT_QAM6 4	19.79	-4.38	13.26	30	15.41	30	PASS
n66	15	5	355500	12@6	DFT_QAM2 56	17.58	-4.38	11.05	30	13.20	30	PASS
n66	15	5	355500	1@1	DFT_QAM2 56	17.20	-4.38	10.67	30	12.82	30	PASS
n66	15	5	355500	1@23	DFT_QAM2 56	17.64	-4.38	11.11	30	13.26	30	PASS
n66	15	5	355500	13@6	CP_QPSK	20.37	-4.38	13.84	30	15.99	30	PASS
n66	15	5	355500	1@1	CP_QPSK	20.37	-4.38	13.84	30	15.99	30	PASS
n66	15	5	355500	1@23	CP_QPSK	20.30	-4.38	13.77	30	15.92	30	PASS
n66	15	5	355500	13@6	CP_QAM16	20.23	-4.38	13.70	30	15.85	30	PASS
n66	15	5	355500	1@1	CP_QAM16	20.10	-4.38	13.57	30	15.72	30	PASS
n66	15	5	355500	1@23	CP_QAM16	20.06	-4.38	13.53	30	15.68	30	PASS
n66	15	5	355500	13@6	CP_QAM64	18.54	-4.38	12.01	30	14.16	30	PASS
n66	15	5	355500	1@1	CP_QAM64	18.26	-4.38	11.73	30	13.88	30	PASS
n66	15	5	355500	1@23	CP_QAM64	18.25	-4.38	11.72	30	13.87	30	PASS
n66	15	5	355500	13@6	CP_QAM25 6	15.50	-4.38	8.97	30	11.12	30	PASS
n66	15	5	355500	1@1	CP_QAM25 6	15.28	-4.38	8.75	30	10.90	30	PASS
n66	15	5	355500	1@23	CP_QAM25 6	15.40	-4.38	8.87	30	11.02	30	PASS
n66	15	10	343000	25@12	DFT_BPSK	21.79	-4.38	15.26	30	17.41	30	PASS
n66	15	10	343000	1@1	DFT_BPSK	21.75	-4.38	15.22	30	17.37	30	PASS
n66	15	10	343000	1@50	DFT_BPSK	21.80	-4.38	15.27	30	17.42	30	PASS
n66	15	10	343000	25@12	DFT_QPSK	21.80	-4.38	15.27	30	17.42	30	PASS
n66	15	10	343000	1@1	DFT_QPSK	21.52	-4.38	14.99	30	17.14	30	PASS
n66	15	10	343000	1@50	DFT_QPSK	21.64	-4.38	15.11	30	17.26	30	PASS
n66	15	10	343000	25@12	DFT_QAM1 6	20.83	-4.38	14.30	30	16.45	30	PASS
n66	15	10	343000	1@1	DFT_QAM1 6	20.53	-4.38	14.00	30	16.15	30	PASS
n66	15	10	343000	1@50	DFT_QAM1 6	20.50	-4.38	13.97	30	16.12	30	PASS
n66	15	10	343000	25@12	DFT_QAM6	19.33	-4.38	12.80	30	14.95	30	PASS



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n66	15	10	343000	1@1	DFT_QAM6 4	19.65	-4.38	13.12	30	15.27	30	PASS	
n66	15	10	343000	1@50	DFT_QAM6 4	19.63	-4.38	13.10	30	15.25	30	PASS	
n66	15	10	343000	25@12	DFT_QAM2 56	17.37	-4.38	10.84	30	12.99	30	PASS	
n66	15	10	343000	1@1	DFT_QAM2 56	17.52	-4.38	10.99	30	13.14	30	PASS	
n66	15	10	343000	1@50	DFT_QAM2 56	17.47	-4.38	10.94	30	13.09	30	PASS	
n66	15	10	343000	26@13	CP_QPSK	20.38	-4.38	13.85	30	16.00	30	PASS	
n66	15	10	343000	1@1	CP_QPSK	20.32	-4.38	13.79	30	15.94	30	PASS	
n66	15	10	343000	1@50	CP_QPSK	20.38	-4.38	13.85	30	16.00	30	PASS	
n66	15	10	343000	26@13	CP_QAM16	19.84	-4.38	13.31	30	15.46	30	PASS	
n66	15	10	343000	1@1	CP_QAM16	20.00	-4.38	13.47	30	15.62	30	PASS	
n66	15	10	343000	1@50	CP_QAM16	19.84	-4.38	13.31	30	15.46	30	PASS	
n66	15	10	343000	26@13	CP_QAM64	18.29	-4.38	11.76	30	13.91	30	PASS	
n66	15	10	343000	1@1	CP_QAM64	19.03	-4.38	12.50	30	14.65	30	PASS	
n66	15	10	343000	1@50	CP_QAM64	18.06	-4.38	11.53	30	13.68	30	PASS	
n66	15	10	343000	26@13	CP_QAM25 6	15.34	-4.38	8.81	30	10.96	30	PASS	
n66	15	10	343000	1@1	CP_QAM25 6	15.11	-4.38	8.58	30	10.73	30	PASS	
n66	15	10	343000	1@50	CP_QAM25 6	15.16	-4.38	8.63	30	10.78	30	PASS	
n66	15	10	349000	25@12	DFT_BPSK	21.65	-4.38	15.12	30	17.27	30	PASS	
n66	15	10	349000	1@1	DFT_BPSK	21.61	-4.38	15.08	30	17.23	30	PASS	
n66	15	10	349000	1@50	DFT_BPSK	21.49	-4.38	14.96	30	17.11	30	PASS	
n66	15	10	349000	25@12	DFT_QPSK	21.60	-4.38	15.07	30	17.22	30	PASS	
n66	15	10	349000	1@1	DFT_QPSK	21.45	-4.38	14.92	30	17.07	30	PASS	
n66	15	10	349000	1@50	DFT_QPSK	21.29	-4.38	14.76	30	16.91	30	PASS	
n66	15	10	349000	25@12	DFT_QAM1 6	20.44	-4.38	13.91	30	16.06	30	PASS	
n66	15	10	349000	1@1	DFT_QAM1 6	20.87	-4.38	14.34	30	16.49	30	PASS	
n66	15	10	349000	1@50	DFT_QAM1 6	20.22	-4.38	13.69	30	15.84	30	PASS	
n66	15	10	349000	25@12	DFT_QAM6 4	19.21	-4.38	12.68	30	14.83	30	PASS	
n66	15	10	349000	1@1	DFT_QAM6 4	19.53	-4.38	13.00	30	15.15	30	PASS	
n66	15	10	349000	1@50	DFT_QAM6 4	19.24	-4.38	12.71	30	14.86	30	PASS	
n66	15	10	349000	25@12	DFT_QAM2 56	17.16	-4.38	10.63	30	12.78	30	PASS	
n66	15	10	349000	1@1	DFT_QAM2	17.24	-4.38	10.71	30	12.86	30	PASS	

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n66	15	10	349000	1@50	DFT_QAM2 56	17.03	-4.38	10.50	30	12.65	30	PASS
n66	15	10	349000	26@13	CP_QPSK	20.03	-4.38	13.50	30	15.65	30	PASS
n66	15	10	349000	1@1	CP_QPSK	19.98	-4.38	13.45	30	15.60	30	PASS
n66	15	10	349000	1@50	CP_QPSK	19.78	-4.38	13.25	30	15.40	30	PASS
n66	15	10	349000	26@13	CP_QAM16	19.53	-4.38	13.00	30	15.15	30	PASS
n66	15	10	349000	1@1	CP_QAM16	19.90	-4.38	13.37	30	15.52	30	PASS
n66	15	10	349000	1@50	CP_QAM16	19.77	-4.38	13.24	30	15.39	30	PASS
n66	15	10	349000	26@13	CP_QAM64	18.19	-4.38	11.66	30	13.81	30	PASS
n66	15	10	349000	1@1	CP_QAM64	17.96	-4.38	11.43	30	13.58	30	PASS
n66	15	10	349000	1@50	CP_QAM64	17.84	-4.38	11.31	30	13.46	30	PASS
n66	15	10	349000	26@13	CP_QAM25 6	15.12	-4.38	8.59	30	10.74	30	PASS
n66	15	10	349000	1@1	CP_QAM25 6	15.06	-4.38	8.53	30	10.68	30	PASS
n66	15	10	349000	1@50	CP_QAM25 6	14.81	-4.38	8.28	30	10.43	30	PASS
n66	15	10	355000	25@12	DFT_BPSK	21.66	-4.38	15.13	30	17.28	30	PASS
n66	15	10	355000	1@1	DFT_BPSK	21.68	-4.38	15.15	30	17.30	30	PASS
n66	15	10	355000	1@50	DFT_BPSK	21.59	-4.38	15.06	30	17.21	30	PASS
n66	15	10	355000	25@12	DFT_QPSK	21.68	-4.38	15.15	30	17.30	30	PASS
n66	15	10	355000	1@1	DFT_QPSK	21.53	-4.38	15.00	30	17.15	30	PASS
n66	15	10	355000	1@50	DFT_QPSK	21.52	-4.38	14.99	30	17.14	30	PASS
n66	15	10	355000	25@12	DFT_QAM1 6	20.77	-4.38	14.24	30	16.39	30	PASS
n66	15	10	355000	1@1	DFT_QAM1 6	20.61	-4.38	14.08	30	16.23	30	PASS
n66	15	10	355000	1@50	DFT_QAM1 6	20.56	-4.38	14.03	30	16.18	30	PASS
n66	15	10	355000	25@12	DFT_QAM6 4	19.38	-4.38	12.85	30	15.00	30	PASS
n66	15	10	355000	1@1	DFT_QAM6 4	19.61	-4.38	13.08	30	15.23	30	PASS
n66	15	10	355000	1@50	DFT_QAM6 4	19.65	-4.38	13.12	30	15.27	30	PASS
n66	15	10	355000	25@12	DFT_QAM2 56	17.40	-4.38	10.87	30	13.02	30	PASS
n66	15	10	355000	1@1	DFT_QAM2 56	17.06	-4.38	10.53	30	12.68	30	PASS
n66	15	10	355000	1@50	DFT_QAM2 56	17.23	-4.38	10.70	30	12.85	30	PASS
n66	15	10	355000	26@13	CP_QPSK	20.15	-4.38	13.62	30	15.77	30	PASS
n66	15	10	355000	1@1	CP_QPSK	20.13	-4.38	13.60	30	15.75	30	PASS
n66	15	10	355000	1@50	CP_QPSK	20.09	-4.38	13.56	30	15.71	30	PASS
n66	15	10	355000	26@13	CP_QAM16	19.86	-4.38	13.33	30	15.48	30	PASS

n66	15	10	355000	1@1	CP_QAM16	19.99	-4.38	13.46	30	15.61	30	PASS
n66	15	10	355000	1@50	CP_QAM16	19.81	-4.38	13.28	30	15.43	30	PASS
n66	15	10	355000	26@13	CP_QAM64	18.29	-4.38	11.76	30	13.91	30	PASS
n66	15	10	355000	1@1	CP_QAM64	18.30	-4.38	11.77	30	13.92	30	PASS
n66	15	10	355000	1@50	CP_QAM64	18.31	-4.38	11.78	30	13.93	30	PASS
n66	15	10	355000	26@13	CP_QAM256	15.15	-4.38	8.62	30	10.77	30	PASS
n66	15	10	355000	1@1	CP_QAM256	15.15	-4.38	8.62	30	10.77	30	PASS
n66	15	10	355000	1@50	CP_QAM256	15.13	-4.38	8.60	30	10.75	30	PASS
n66	15	15	343500	36@18	DFT_BPSK	21.90	-4.38	15.37	30	17.52	30	PASS
n66	15	15	343500	1@1	DFT_BPSK	21.90	-4.38	15.37	30	17.52	30	PASS
n66	15	15	343500	1@77	DFT_BPSK	21.88	-4.38	15.35	30	17.50	30	PASS
n66	15	15	343500	36@18	DFT_QPSK	21.97	-4.38	15.44	30	17.59	30	PASS
n66	15	15	343500	1@1	DFT_QPSK	21.75	-4.38	15.22	30	17.37	30	PASS
n66	15	15	343500	1@77	DFT_QPSK	21.76	-4.38	15.23	30	17.38	30	PASS
n66	15	15	343500	36@18	DFT_QAM16	20.93	-4.38	14.40	30	16.55	30	PASS
n66	15	15	343500	1@1	DFT_QAM16	20.48	-4.38	13.95	30	16.10	30	PASS
n66	15	15	343500	1@77	DFT_QAM16	20.80	-4.38	14.27	30	16.42	30	PASS
n66	15	15	343500	36@18	DFT_QAM64	19.51	-4.38	12.98	30	15.13	30	PASS
n66	15	15	343500	1@1	DFT_QAM64	19.83	-4.38	13.30	30	15.45	30	PASS
n66	15	15	343500	1@77	DFT_QAM64	19.50	-4.38	12.97	30	15.12	30	PASS
n66	15	15	343500	36@18	DFT_QAM256	17.47	-4.38	10.94	30	13.09	30	PASS
n66	15	15	343500	1@1	DFT_QAM256	17.14	-4.38	10.61	30	12.76	30	PASS
n66	15	15	343500	1@77	DFT_QAM256	17.48	-4.38	10.95	30	13.10	30	PASS
n66	15	15	343500	39@19	CP_QPSK	20.46	-4.38	13.93	30	16.08	30	PASS
n66	15	15	343500	1@1	CP_QPSK	20.47	-4.38	13.94	30	16.09	30	PASS
n66	15	15	343500	1@77	CP_QPSK	20.36	-4.38	13.83	30	15.98	30	PASS
n66	15	15	343500	39@19	CP_QAM16	20.06	-4.38	13.53	30	15.68	30	PASS
n66	15	15	343500	1@1	CP_QAM16	20.11	-4.38	13.58	30	15.73	30	PASS
n66	15	15	343500	1@77	CP_QAM16	20.21	-4.38	13.68	30	15.83	30	PASS
n66	15	15	343500	39@19	CP_QAM64	18.58	-4.38	12.05	30	14.20	30	PASS
n66	15	15	343500	1@1	CP_QAM64	18.25	-4.38	11.72	30	13.87	30	PASS
n66	15	15	343500	1@77	CP_QAM64	18.22	-4.38	11.69	30	13.84	30	PASS
n66	15	15	343500	39@19	CP_QAM256	15.43	-4.38	8.90	30	11.05	30	PASS

n66	15	15	343500	1@1	CP_QAM25 6	15.27	-4.38	8.74	30	10.89	30	PASS
n66	15	15	343500	1@77	CP_QAM25 6	15.28	-4.38	8.75	30	10.90	30	PASS
n66	15	15	349000	36@18	DFT_BPSK	21.68	-4.38	15.15	30	17.30	30	PASS
n66	15	15	349000	1@1	DFT_BPSK	21.74	-4.38	15.21	30	17.36	30	PASS
n66	15	15	349000	1@77	DFT_BPSK	21.36	-4.38	14.83	30	16.98	30	PASS
n66	15	15	349000	36@18	DFT_QPSK	21.61	-4.38	15.08	30	17.23	30	PASS
n66	15	15	349000	1@1	DFT_QPSK	21.66	-4.38	15.13	30	17.28	30	PASS
n66	15	15	349000	1@77	DFT_QPSK	21.45	-4.38	14.92	30	17.07	30	PASS
n66	15	15	349000	36@18	DFT_QAM1 6	20.68	-4.38	14.15	30	16.30	30	PASS
n66	15	15	349000	1@1	DFT_QAM1 6	20.55	-4.38	14.02	30	16.17	30	PASS
n66	15	15	349000	1@77	DFT_QAM1 6	20.28	-4.38	13.75	30	15.90	30	PASS
n66	15	15	349000	36@18	DFT_QAM6 4	19.42	-4.38	12.89	30	15.04	30	PASS
n66	15	15	349000	1@1	DFT_QAM6 4	19.71	-4.38	13.18	30	15.33	30	PASS
n66	15	15	349000	1@77	DFT_QAM6 4	19.27	-4.38	12.74	30	14.89	30	PASS
n66	15	15	349000	36@18	DFT_QAM2 56	17.45	-4.38	10.92	30	13.07	30	PASS
n66	15	15	349000	1@1	DFT_QAM2 56	17.47	-4.38	10.94	30	13.09	30	PASS
n66	15	15	349000	1@77	DFT_QAM2 56	16.91	-4.38	10.38	30	12.53	30	PASS
n66	15	15	349000	39@19	CP_QPSK	20.10	-4.38	13.57	30	15.72	30	PASS
n66	15	15	349000	1@1	CP_QPSK	20.28	-4.38	13.75	30	15.90	30	PASS
n66	15	15	349000	1@77	CP_QPSK	20.01	-4.38	13.48	30	15.63	30	PASS
n66	15	15	349000	39@19	CP_QAM16	19.79	-4.38	13.26	30	15.41	30	PASS
n66	15	15	349000	1@1	CP_QAM16	20.12	-4.38	13.59	30	15.74	30	PASS
n66	15	15	349000	1@77	CP_QAM16	19.56	-4.38	13.03	30	15.18	30	PASS
n66	15	15	349000	39@19	CP_QAM64	18.17	-4.38	11.64	30	13.79	30	PASS
n66	15	15	349000	1@1	CP_QAM64	19.02	-4.38	12.49	30	14.64	30	PASS
n66	15	15	349000	1@77	CP_QAM64	17.85	-4.38	11.32	30	13.47	30	PASS
n66	15	15	349000	39@19	CP_QAM25 6	15.11	-4.38	8.58	30	10.73	30	PASS
n66	15	15	349000	1@1	CP_QAM25 6	15.25	-4.38	8.72	30	10.87	30	PASS
n66	15	15	349000	1@77	CP_QAM25 6	14.85	-4.38	8.32	30	10.47	30	PASS
n66	15	15	354500	36@18	DFT_BPSK	21.79	-4.38	15.26	30	17.41	30	PASS
n66	15	15	354500	1@1	DFT_BPSK	21.55	-4.38	15.02	30	17.17	30	PASS
n66	15	15	354500	1@77	DFT_BPSK	21.65	-4.38	15.12	30	17.27	30	PASS

n66	15	15	354500	36@18	DFT_QPSK	21.78	-4.38	15.25	30	17.40	30	PASS
n66	15	15	354500	1@1	DFT_QPSK	21.50	-4.38	14.97	30	17.12	30	PASS
n66	15	15	354500	1@77	DFT_QPSK	21.59	-4.38	15.06	30	17.21	30	PASS
n66	15	15	354500	36@18	DFT_QAM1 6	20.79	-4.38	14.26	30	16.41	30	PASS
n66	15	15	354500	1@1	DFT_QAM1 6	20.38	-4.38	13.85	30	16.00	30	PASS
n66	15	15	354500	1@77	DFT_QAM1 6	20.43	-4.38	13.90	30	16.05	30	PASS
n66	15	15	354500	36@18	DFT_QAM6 4	19.44	-4.38	12.91	30	15.06	30	PASS
n66	15	15	354500	1@1	DFT_QAM6 4	19.48	-4.38	12.95	30	15.10	30	PASS
n66	15	15	354500	1@77	DFT_QAM6 4	19.57	-4.38	13.04	30	15.19	30	PASS
n66	15	15	354500	36@18	DFT_QAM2 56	17.50	-4.38	10.97	30	13.12	30	PASS
n66	15	15	354500	1@1	DFT_QAM2 56	17.00	-4.38	10.47	30	12.62	30	PASS
n66	15	15	354500	1@77	DFT_QAM2 56	17.11	-4.38	10.58	30	12.73	30	PASS
n66	15	15	354500	39@19	CP_QPSK	20.29	-4.38	13.76	30	15.91	30	PASS
n66	15	15	354500	1@1	CP_QPSK	20.21	-4.38	13.68	30	15.83	30	PASS
n66	15	15	354500	1@77	CP_QPSK	20.13	-4.38	13.60	30	15.75	30	PASS
n66	15	15	354500	39@19	CP_QAM16	20.04	-4.38	13.51	30	15.66	30	PASS
n66	15	15	354500	1@1	CP_QAM16	19.84	-4.38	13.31	30	15.46	30	PASS
n66	15	15	354500	1@77	CP_QAM16	19.98	-4.38	13.45	30	15.60	30	PASS
n66	15	15	354500	39@19	CP_QAM64	18.50	-4.38	11.97	30	14.12	30	PASS
n66	15	15	354500	1@1	CP_QAM64	18.00	-4.38	11.47	30	13.62	30	PASS
n66	15	15	354500	1@77	CP_QAM64	19.02	-4.38	12.49	30	14.64	30	PASS
n66	15	15	354500	39@19	CP_QAM25 6	15.39	-4.38	8.86	30	11.01	30	PASS
n66	15	15	354500	1@1	CP_QAM25 6	15.06	-4.38	8.53	30	10.68	30	PASS
n66	15	15	354500	1@77	CP_QAM25 6	15.14	-4.38	8.61	30	10.76	30	PASS
n66	15	20	344000	50@25	DFT_BPSK	21.89	-4.38	15.36	30	17.51	30	PASS
n66	15	20	344000	1@1	DFT_BPSK	21.69	-4.38	15.16	30	17.31	30	PASS
n66	15	20	344000	1@104	DFT_BPSK	21.79	-4.38	15.26	30	17.41	30	PASS
n66	15	20	344000	50@25	DFT_QPSK	21.87	-4.38	15.34	30	17.49	30	PASS
n66	15	20	344000	1@1	DFT_QPSK	21.52	-4.38	14.99	30	17.14	30	PASS
n66	15	20	344000	1@104	DFT_QPSK	21.65	-4.38	15.12	30	17.27	30	PASS
n66	15	20	344000	50@25	DFT_QAM1 6	20.96	-4.38	14.43	30	16.58	30	PASS
n66	15	20	344000	1@1	DFT_QAM1 6	20.61	-4.38	14.08	30	16.23	30	PASS

n66	15	20	344000	1@104	DFT_QAM1 6	20.66	-4.38	14.13	30	16.28	30	PASS
n66	15	20	344000	50@25	DFT_QAM6 4	19.57	-4.38	13.04	30	15.19	30	PASS
n66	15	20	344000	1@1	DFT_QAM6 4	19.51	-4.38	12.98	30	15.13	30	PASS
n66	15	20	344000	1@104	DFT_QAM6 4	19.85	-4.38	13.32	30	15.47	30	PASS
n66	15	20	344000	50@25	DFT_QAM2 56	17.66	-4.38	11.13	30	13.28	30	PASS
n66	15	20	344000	1@1	DFT_QAM2 56	17.21	-4.38	10.68	30	12.83	30	PASS
n66	15	20	344000	1@104	DFT_QAM2 56	17.30	-4.38	10.77	30	12.92	30	PASS
n66	15	20	344000	53@26	CP_QPSK	20.62	-4.38	14.09	30	16.24	30	PASS
n66	15	20	344000	1@1	CP_QPSK	20.38	-4.38	13.85	30	16.00	30	PASS
n66	15	20	344000	1@104	CP_QPSK	20.36	-4.38	13.83	30	15.98	30	PASS
n66	15	20	344000	53@26	CP_QAM16	20.08	-4.38	13.55	30	15.70	30	PASS
n66	15	20	344000	1@1	CP_QAM16	19.86	-4.38	13.33	30	15.48	30	PASS
n66	15	20	344000	1@104	CP_QAM16	20.15	-4.38	13.62	30	15.77	30	PASS
n66	15	20	344000	53@26	CP_QAM64	18.64	-4.38	12.11	30	14.26	30	PASS
n66	15	20	344000	1@1	CP_QAM64	18.12	-4.38	11.59	30	13.74	30	PASS
n66	15	20	344000	1@104	CP_QAM64	18.21	-4.38	11.68	30	13.83	30	PASS
n66	15	20	344000	53@26	CP_QAM25 6	15.55	-4.38	9.02	30	11.17	30	PASS
n66	15	20	344000	1@1	CP_QAM25 6	15.31	-4.38	8.78	30	10.93	30	PASS
n66	15	20	344000	1@104	CP_QAM25 6	15.44	-4.38	8.91	30	11.06	30	PASS
n66	15	20	349000	50@25	DFT_BPSK	21.59	-4.38	15.06	30	17.21	30	PASS
n66	15	20	349000	1@1	DFT_BPSK	21.65	-4.38	15.12	30	17.27	30	PASS
n66	15	20	349000	1@104	DFT_BPSK	21.57	-4.38	15.04	30	17.19	30	PASS
n66	15	20	349000	50@25	DFT_QPSK	21.76	-4.38	15.23	30	17.38	30	PASS
n66	15	20	349000	1@1	DFT_QPSK	21.63	-4.38	15.10	30	17.25	30	PASS
n66	15	20	349000	1@104	DFT_QPSK	21.45	-4.38	14.92	30	17.07	30	PASS
n66	15	20	349000	50@25	DFT_QAM1 6	20.81	-4.38	14.28	30	16.43	30	PASS
n66	15	20	349000	1@1	DFT_QAM1 6	20.57	-4.38	14.04	30	16.19	30	PASS
n66	15	20	349000	1@104	DFT_QAM1 6	20.77	-4.38	14.24	30	16.39	30	PASS
n66	15	20	349000	50@25	DFT_QAM6 4	19.40	-4.38	12.87	30	15.02	30	PASS
n66	15	20	349000	1@1	DFT_QAM6 4	19.48	-4.38	12.95	30	15.10	30	PASS
n66	15	20	349000	1@104	DFT_QAM6 4	19.20	-4.38	12.67	30	14.82	30	PASS

n66	15	20	349000	50@25	DFT_QAM2 56	17.31	-4.38	10.78	30	12.93	30	PASS
n66	15	20	349000	1@1	DFT_QAM2 56	17.24	-4.38	10.71	30	12.86	30	PASS
n66	15	20	349000	1@104	DFT_QAM2 56	16.92	-4.38	10.39	30	12.54	30	PASS
n66	15	20	349000	53@26	CP_QPSK	20.26	-4.38	13.73	30	15.88	30	PASS
n66	15	20	349000	1@1	CP_QPSK	20.33	-4.38	13.80	30	15.95	30	PASS
n66	15	20	349000	1@104	CP_QPSK	19.88	-4.38	13.35	30	15.50	30	PASS
n66	15	20	349000	53@26	CP_QAM16	19.84	-4.38	13.31	30	15.46	30	PASS
n66	15	20	349000	1@1	CP_QAM16	19.98	-4.38	13.45	30	15.60	30	PASS
n66	15	20	349000	1@104	CP_QAM16	19.77	-4.38	13.24	30	15.39	30	PASS
n66	15	20	349000	53@26	CP_QAM64	18.40	-4.38	11.87	30	14.02	30	PASS
n66	15	20	349000	1@1	CP_QAM64	18.67	-4.38	12.14	30	14.29	30	PASS
n66	15	20	349000	1@104	CP_QAM64	17.84	-4.38	11.31	30	13.46	30	PASS
n66	15	20	349000	53@26	CP_QAM25 6	15.12	-4.38	8.59	30	10.74	30	PASS
n66	15	20	349000	1@1	CP_QAM25 6	15.19	-4.38	8.66	30	10.81	30	PASS
n66	15	20	349000	1@104	CP_QAM25 6	14.93	-4.38	8.40	30	10.55	30	PASS
n66	15	20	354000	50@25	DFT_BPSK	21.88	-4.38	15.35	30	17.50	30	PASS
n66	15	20	354000	1@1	DFT_BPSK	21.64	-4.38	15.11	30	17.26	30	PASS
n66	15	20	354000	1@104	DFT_BPSK	21.59	-4.38	15.06	30	17.21	30	PASS
n66	15	20	354000	50@25	DFT_QPSK	21.95	-4.38	15.42	30	17.57	30	PASS
n66	15	20	354000	1@1	DFT_QPSK	21.57	-4.38	15.04	30	17.19	30	PASS
n66	15	20	354000	1@104	DFT_QPSK	21.51	-4.38	14.98	30	17.13	30	PASS
n66	15	20	354000	50@25	DFT_QAM1 6	20.92	-4.38	14.39	30	16.54	30	PASS
n66	15	20	354000	1@1	DFT_QAM1 6	20.85	-4.38	14.32	30	16.47	30	PASS
n66	15	20	354000	1@104	DFT_QAM1 6	20.34	-4.38	13.81	30	15.96	30	PASS
n66	15	20	354000	50@25	DFT_QAM6 4	19.56	-4.38	13.03	30	15.18	30	PASS
n66	15	20	354000	1@1	DFT_QAM6 4	19.23	-4.38	12.70	30	14.85	30	PASS
n66	15	20	354000	1@104	DFT_QAM6 4	19.27	-4.38	12.74	30	14.89	30	PASS
n66	15	20	354000	50@25	DFT_QAM2 56	17.52	-4.38	10.99	30	13.14	30	PASS
n66	15	20	354000	1@1	DFT_QAM2 56	17.38	-4.38	10.85	30	13.00	30	PASS
n66	15	20	354000	1@104	DFT_QAM2 56	17.13	-4.38	10.60	30	12.75	30	PASS
n66	15	20	354000	53@26	CP_QPSK	20.45	-4.38	13.92	30	16.07	30	PASS
n66	15	20	354000	1@1	CP_QPSK	20.01	-4.38	13.48	30	15.63	30	PASS

n66	15	20	354000	1@104	CP_QPSK	20.01	-4.38	13.48	30	15.63	30	PASS
n66	15	20	354000	53@26	CP_QAM16	20.02	-4.38	13.49	30	15.64	30	PASS
n66	15	20	354000	1@1	CP_QAM16	19.89	-4.38	13.36	30	15.51	30	PASS
n66	15	20	354000	1@104	CP_QAM16	19.94	-4.38	13.41	30	15.56	30	PASS
n66	15	20	354000	53@26	CP_QAM64	18.61	-4.38	12.08	30	14.23	30	PASS
n66	15	20	354000	1@1	CP_QAM64	18.39	-4.38	11.86	30	14.01	30	PASS
n66	15	20	354000	1@104	CP_QAM64	18.67	-4.38	12.14	30	14.29	30	PASS
n66	15	20	354000	53@26	CP_QAM256	15.40	-4.38	8.87	30	11.02	30	PASS
n66	15	20	354000	1@1	CP_QAM256	15.05	-4.38	8.52	30	10.67	30	PASS
n66	15	20	354000	1@104	CP_QAM256	15.26	-4.38	8.73	30	10.88	30	PASS
n66	15	40	346000	108@54	DFT_BPSK	21.94	-4.38	15.41	30	17.56	30	PASS
n66	15	40	346000	1@1	DFT_BPSK	21.29	-4.38	14.76	30	16.91	30	PASS
n66	15	40	346000	1@214	DFT_BPSK	21.13	-4.38	14.60	30	16.75	30	PASS
n66	15	40	346000	108@54	DFT_QPSK	21.95	-4.38	15.42	30	17.57	30	PASS
n66	15	40	346000	1@1	DFT_QPSK	21.17	-4.38	14.64	30	16.79	30	PASS
n66	15	40	346000	1@214	DFT_QPSK	21.10	-4.38	14.57	30	16.72	30	PASS
n66	15	40	346000	108@54	DFT_QAM16	20.91	-4.38	14.38	30	16.53	30	PASS
n66	15	40	346000	1@1	DFT_QAM16	20.01	-4.38	13.48	30	15.63	30	PASS
n66	15	40	346000	1@214	DFT_QAM16	20.03	-4.38	13.50	30	15.65	30	PASS
n66	15	40	346000	108@54	DFT_QAM64	19.46	-4.38	12.93	30	15.08	30	PASS
n66	15	40	346000	1@1	DFT_QAM64	19.28	-4.38	12.75	30	14.90	30	PASS
n66	15	40	346000	1@214	DFT_QAM64	19.14	-4.38	12.61	30	14.76	30	PASS
n66	15	40	346000	108@54	DFT_QAM256	17.64	-4.38	11.11	30	13.26	30	PASS
n66	15	40	346000	1@1	DFT_QAM256	16.75	-4.38	10.22	30	12.37	30	PASS
n66	15	40	346000	1@214	DFT_QAM256	16.81	-4.38	10.28	30	12.43	30	PASS
n66	15	40	346000	108@54	CP_QPSK	20.53	-4.38	14.00	30	16.15	30	PASS
n66	15	40	346000	1@1	CP_QPSK	19.92	-4.38	13.39	30	15.54	30	PASS
n66	15	40	346000	1@214	CP_QPSK	19.44	-4.38	12.91	30	15.06	30	PASS
n66	15	40	346000	108@54	CP_QAM16	19.97	-4.38	13.44	30	15.59	30	PASS
n66	15	40	346000	1@1	CP_QAM16	19.48	-4.38	12.95	30	15.10	30	PASS
n66	15	40	346000	1@214	CP_QAM16	19.26	-4.38	12.73	30	14.88	30	PASS
n66	15	40	346000	108@54	CP_QAM64	18.49	-4.38	11.96	30	14.11	30	PASS
n66	15	40	346000	1@1	CP_QAM64	17.90	-4.38	11.37	30	13.52	30	PASS



n66	15	40	346000	1@214	CP_QAM64	17.36	-4.38	10.83	30	12.98	30	PASS
n66	15	40	346000	108@54	CP_QAM256	15.33	-4.38	8.80	30	10.95	30	PASS
n66	15	40	346000	1@1	CP_QAM256	14.64	-4.38	8.11	30	10.26	30	PASS
n66	15	40	346000	1@214	CP_QAM256	14.42	-4.38	7.89	30	10.04	30	PASS
n66	15	40	349000	108@54	DFT_BPSK	21.55	-4.38	15.02	30	17.17	30	PASS
n66	15	40	349000	1@1	DFT_BPSK	21.23	-4.38	14.70	30	16.85	30	PASS
n66	15	40	349000	1@214	DFT_BPSK	21.14	-4.38	14.61	30	16.76	30	PASS
n66	15	40	349000	108@54	DFT_QPSK	21.71	-4.38	15.18	30	17.33	30	PASS
n66	15	40	349000	1@1	DFT_QPSK	21.08	-4.38	14.55	30	16.70	30	PASS
n66	15	40	349000	1@214	DFT_QPSK	21.07	-4.38	14.54	30	16.69	30	PASS
n66	15	40	349000	108@54	DFT_QAM16	20.69	-4.38	14.16	30	16.31	30	PASS
n66	15	40	349000	1@1	DFT_QAM16	19.96	-4.38	13.43	30	15.58	30	PASS
n66	15	40	349000	1@214	DFT_QAM16	20.41	-4.38	13.88	30	16.03	30	PASS
n66	15	40	349000	108@54	DFT_QAM64	19.40	-4.38	12.87	30	15.02	30	PASS
n66	15	40	349000	1@1	DFT_QAM64	19.34	-4.38	12.81	30	14.96	30	PASS
n66	15	40	349000	1@214	DFT_QAM64	19.20	-4.38	12.67	30	14.82	30	PASS
n66	15	40	349000	108@54	DFT_QAM256	17.29	-4.38	10.76	30	12.91	30	PASS
n66	15	40	349000	1@1	DFT_QAM256	16.76	-4.38	10.23	30	12.38	30	PASS
n66	15	40	349000	1@214	DFT_QAM256	16.40	-4.38	9.87	30	12.02	30	PASS
n66	15	40	349000	108@54	CP_QPSK	20.19	-4.38	13.66	30	15.81	30	PASS
n66	15	40	349000	1@1	CP_QPSK	20.10	-4.38	13.57	30	15.72	30	PASS
n66	15	40	349000	1@214	CP_QPSK	19.67	-4.38	13.14	30	15.29	30	PASS
n66	15	40	349000	108@54	CP_QAM16	19.79	-4.38	13.26	30	15.41	30	PASS
n66	15	40	349000	1@1	CP_QAM16	19.68	-4.38	13.15	30	15.30	30	PASS
n66	15	40	349000	1@214	CP_QAM16	19.32	-4.38	12.79	30	14.94	30	PASS
n66	15	40	349000	108@54	CP_QAM64	18.25	-4.38	11.72	30	13.87	30	PASS
n66	15	40	349000	1@1	CP_QAM64	17.57	-4.38	11.04	30	13.19	30	PASS
n66	15	40	349000	1@214	CP_QAM64	17.71	-4.38	11.18	30	13.33	30	PASS
n66	15	40	349000	108@54	CP_QAM256	15.16	-4.38	8.63	30	10.78	30	PASS
n66	15	40	349000	1@1	CP_QAM256	14.73	-4.38	8.20	30	10.35	30	PASS
n66	15	40	349000	1@214	CP_QAM256	14.73	-4.38	8.20	30	10.35	30	PASS
n66	15	40	352000	108@54	DFT_BPSK	21.84	-4.38	15.31	30	17.46	30	PASS

n66	15	40	352000	1@1	DFT_BPSK	21.35	-4.38	14.82	30	16.97	30	PASS
n66	15	40	352000	1@214	DFT_BPSK	21.23	-4.38	14.70	30	16.85	30	PASS
n66	15	40	352000	108@54	DFT_QPSK	21.79	-4.38	15.26	30	17.41	30	PASS
n66	15	40	352000	1@1	DFT_QPSK	21.15	-4.38	14.62	30	16.77	30	PASS
n66	15	40	352000	1@214	DFT_QPSK	21.13	-4.38	14.60	30	16.75	30	PASS
n66	15	40	352000	108@54	DFT_QAM16	20.85	-4.38	14.32	30	16.47	30	PASS
n66	15	40	352000	1@1	DFT_QAM16	20.11	-4.38	13.58	30	15.73	30	PASS
n66	15	40	352000	1@214	DFT_QAM16	20.11	-4.38	13.58	30	15.73	30	PASS
n66	15	40	352000	108@54	DFT_QAM64	19.48	-4.38	12.95	30	15.10	30	PASS
n66	15	40	352000	1@1	DFT_QAM64	19.28	-4.38	12.75	30	14.90	30	PASS
n66	15	40	352000	1@214	DFT_QAM64	19.23	-4.38	12.70	30	14.85	30	PASS
n66	15	40	352000	108@54	DFT_QAM256	17.46	-4.38	10.93	30	13.08	30	PASS
n66	15	40	352000	1@1	DFT_QAM256	16.73	-4.38	10.20	30	12.35	30	PASS
n66	15	40	352000	1@214	DFT_QAM256	16.74	-4.38	10.21	30	12.36	30	PASS
n66	15	40	352000	108@54	CP_QPSK	20.27	-4.38	13.74	30	15.89	30	PASS
n66	15	40	352000	1@1	CP_QPSK	19.92	-4.38	13.39	30	15.54	30	PASS
n66	15	40	352000	1@214	CP_QPSK	19.80	-4.38	13.27	30	15.42	30	PASS
n66	15	40	352000	108@54	CP_QAM16	19.99	-4.38	13.46	30	15.61	30	PASS
n66	15	40	352000	1@1	CP_QAM16	19.53	-4.38	13.00	30	15.15	30	PASS
n66	15	40	352000	1@214	CP_QAM16	19.51	-4.38	12.98	30	15.13	30	PASS
n66	15	40	352000	108@54	CP_QAM64	18.36	-4.38	11.83	30	13.98	30	PASS
n66	15	40	352000	1@1	CP_QAM64	17.69	-4.38	11.16	30	13.31	30	PASS
n66	15	40	352000	1@214	CP_QAM64	18.57	-4.38	12.04	30	14.19	30	PASS
n66	15	40	352000	108@54	CP_QAM256	15.42	-4.38	8.89	30	11.04	30	PASS
n66	15	40	352000	1@1	CP_QAM256	14.78	-4.38	8.25	30	10.40	30	PASS
n66	15	40	352000	1@214	CP_QAM256	14.81	-4.38	8.28	30	10.43	30	PASS

Appendix 5G NR -n77 - SCS 15KHz(3450-3550)

1 Conducted output power for NR FR1

Band	SCS (kHz)	Band width (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n77(3450-3550)	15	10	630334	25@12	DFT_BPSK	20.97	-1.85	16.97	33.01	19.12	33.01	PASS
n77(3450-3550)	15	10	630334	1@1	DFT_BPSK	20.77	-1.85	16.77	33.01	18.92	33.01	PASS
n77(3450-3550)	15	10	630334	1@50	DFT_BPSK	21.16	-1.85	17.16	33.01	19.31	33.01	PASS
n77(3450-3550)	15	10	630334	25@12	DFT_QPSK	20.99	-1.85	16.99	33.01	19.14	33.01	PASS
n77(3450-3550)	15	10	630334	1@1	DFT_QPSK	20.56	-1.85	16.56	33.01	18.71	33.01	PASS
n77(3450-3550)	15	10	630334	1@50	DFT_QPSK	21.07	-1.85	17.07	33.01	19.22	33.01	PASS
n77(3450-3550)	15	10	630334	25@12	DFT_QAM16	19.95	-1.85	15.95	33.01	18.10	33.01	PASS
n77(3450-3550)	15	10	630334	1@1	DFT_QAM16	20.00	-1.85	16.00	33.01	18.15	33.01	PASS
n77(3450-3550)	15	10	630334	1@50	DFT_QAM16	20.30	-1.85	16.30	33.01	18.45	33.01	PASS
n77(3450-3550)	15	10	630334	25@12	DFT_QAM64	18.54	-1.85	14.54	33.01	16.69	33.01	PASS
n77(3450-3550)	15	10	630334	1@1	DFT_QAM64	18.66	-1.85	14.66	33.01	16.81	33.01	PASS
n77(3450-3550)	15	10	630334	1@50	DFT_QAM64	19.03	-1.85	15.03	33.01	17.18	33.01	PASS
n77(3450-3550)	15	10	630334	25@12	DFT_QAM256	16.67	-1.85	12.67	33.01	14.82	33.01	PASS
n77(3450-3550)	15	10	630334	1@1	DFT_QAM256	16.74	-1.85	12.74	33.01	14.89	33.01	PASS
n77(3450-3550)	15	10	630334	1@50	DFT_QAM256	16.87	-1.85	12.87	33.01	15.02	33.01	PASS
n77(3450-3550)	15	10	630334	26@13	CP_QPSK	19.48	-1.85	15.48	33.01	17.63	33.01	PASS
n77(3450-3550)	15	10	630334	1@1	CP_QPSK	19.18	-1.85	15.18	33.01	17.33	33.01	PASS
n77(3450-3550)	15	10	630334	1@50	CP_QPSK	19.54	-1.85	15.54	33.01	17.69	33.01	PASS
n77(3450-3550)	15	10	630334	26@13	CP_QAM16	19.02	-1.85	15.02	33.01	17.17	33.01	PASS
n77(3450-3550)	15	10	630334	1@1	CP_QAM16	19.05	-1.85	15.05	33.01	17.20	33.01	PASS
n77(3450-3550)	15	10	630334	1@50	CP_QAM16	19.58	-1.85	15.58	33.01	17.73	33.01	PASS
n77(3450-3550)	15	10	630334	26@13	CP_QAM	17.40	-1.85	13.40	33.01	15.55	33.01	PASS

0-3550)					64								
n77(345 0-3550)	15	10	630334	1@1	CP_QAM 64	17.36	-1.85	13.36	33.01	15.51	33.01	PASS	
n77(345 0-3550)	15	10	630334	1@50	CP_QAM 64	17.84	-1.85	13.84	33.01	15.99	33.01	PASS	
n77(345 0-3550)	15	10	630334	26@13	CP_QAM 256	14.54	-1.85	10.54	33.01	12.69	33.01	PASS	
n77(345 0-3550)	15	10	630334	1@1	CP_QAM 256	14.37	-1.85	10.37	33.01	12.52	33.01	PASS	
n77(345 0-3550)	15	10	630334	1@50	CP_QAM 256	14.27	-1.85	10.27	33.01	12.42	33.01	PASS	
n77(345 0-3550)	15	10	633334	25@12	DFT_BP SK	21.48	-1.85	17.48	33.01	19.63	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@1	DFT_BP SK	21.18	-1.85	17.18	33.01	19.33	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@50	DFT_BP SK	21.50	-1.85	17.50	33.01	19.65	33.01	PASS	
n77(345 0-3550)	15	10	633334	25@12	DFT_QP SK	21.42	-1.85	17.42	33.01	19.57	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@1	DFT_QP SK	21.12	-1.85	17.12	33.01	19.27	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@50	DFT_QP SK	21.42	-1.85	17.42	33.01	19.57	33.01	PASS	
n77(345 0-3550)	15	10	633334	25@12	DFT_QA M16	20.42	-1.85	16.42	33.01	18.57	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@1	DFT_QA M16	20.60	-1.85	16.60	33.01	18.75	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@50	DFT_QA M16	20.90	-1.85	16.90	33.01	19.05	33.01	PASS	
n77(345 0-3550)	15	10	633334	25@12	DFT_QA M64	18.95	-1.85	14.95	33.01	17.10	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@1	DFT_QA M64	19.10	-1.85	15.10	33.01	17.25	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@50	DFT_QA M64	19.39	-1.85	15.39	33.01	17.54	33.01	PASS	
n77(345 0-3550)	15	10	633334	25@12	DFT_QA M256	17.15	-1.85	13.15	33.01	15.30	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@1	DFT_QA M256	17.15	-1.85	13.15	33.01	15.30	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@50	DFT_QA M256	17.45	-1.85	13.45	33.01	15.60	33.01	PASS	
n77(345 0-3550)	15	10	633334	26@13	CP_QPS K	19.91	-1.85	15.91	33.01	18.06	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@1	CP_QPS K	19.75	-1.85	15.75	33.01	17.90	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@50	CP_QPS K	20.03	-1.85	16.03	33.01	18.18	33.01	PASS	
n77(345 0-3550)	15	10	633334	26@13	CP_QAM 16	19.46	-1.85	15.46	33.01	17.61	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@1	CP_QAM 16	19.27	-1.85	15.27	33.01	17.42	33.01	PASS	
n77(345 0-3550)	15	10	633334	1@50	CP_QAM	19.64	-1.85	15.64	33.01	17.79	33.01	PASS	

0-3550)					16							
n77(345 0-3550)	15	10	633334	26@13	CP_QAM 64	17.89	-1.85	13.89	33.01	16.04	33.01	PASS
n77(345 0-3550)	15	10	633334	1@1	CP_QAM 64	17.75	-1.85	13.75	33.01	15.90	33.01	PASS
n77(345 0-3550)	15	10	633334	1@50	CP_QAM 64	18.14	-1.85	14.14	33.01	16.29	33.01	PASS
n77(345 0-3550)	15	10	633334	26@13	CP_QAM 256	15.04	-1.85	11.04	33.01	13.19	33.01	PASS
n77(345 0-3550)	15	10	633334	1@1	CP_QAM 256	14.57	-1.85	10.57	33.01	12.72	33.01	PASS
n77(345 0-3550)	15	10	633334	1@50	CP_QAM 256	14.80	-1.85	10.80	33.01	12.95	33.01	PASS
n77(345 0-3550)	15	10	636332	25@12	DFT_BP SK	21.75	-1.85	17.75	33.01	19.90	33.01	PASS
n77(345 0-3550)	15	10	636332	1@1	DFT_BP SK	21.61	-1.85	17.61	33.01	19.76	33.01	PASS
n77(345 0-3550)	15	10	636332	1@50	DFT_BP SK	21.73	-1.85	17.73	33.01	19.88	33.01	PASS
n77(345 0-3550)	15	10	636332	25@12	DFT_QP SK	21.76	-1.85	17.76	33.01	19.91	33.01	PASS
n77(345 0-3550)	15	10	636332	1@1	DFT_QP SK	21.49	-1.85	17.49	33.01	19.64	33.01	PASS
n77(345 0-3550)	15	10	636332	1@50	DFT_QP SK	21.59	-1.85	17.59	33.01	19.74	33.01	PASS
n77(345 0-3550)	15	10	636332	25@12	DFT_QA M16	20.64	-1.85	16.64	33.01	18.79	33.01	PASS
n77(345 0-3550)	15	10	636332	1@1	DFT_QA M16	20.87	-1.85	16.87	33.01	19.02	33.01	PASS
n77(345 0-3550)	15	10	636332	1@50	DFT_QA M16	21.09	-1.85	17.09	33.01	19.24	33.01	PASS
n77(345 0-3550)	15	10	636332	25@12	DFT_QA M64	19.25	-1.85	15.25	33.01	17.40	33.01	PASS
n77(345 0-3550)	15	10	636332	1@1	DFT_QA M64	19.27	-1.85	15.27	33.01	17.42	33.01	PASS
n77(345 0-3550)	15	10	636332	1@50	DFT_QA M64	19.52	-1.85	15.52	33.01	17.67	33.01	PASS
n77(345 0-3550)	15	10	636332	25@12	DFT_QA M256	17.15	-1.85	13.15	33.01	15.30	33.01	PASS
n77(345 0-3550)	15	10	636332	1@1	DFT_QA M256	17.41	-1.85	13.41	33.01	15.56	33.01	PASS
n77(345 0-3550)	15	10	636332	1@50	DFT_QA M256	17.50	-1.85	13.50	33.01	15.65	33.01	PASS
n77(345 0-3550)	15	10	636332	26@13	CP_QPS K	20.21	-1.85	16.21	33.01	18.36	33.01	PASS
n77(345 0-3550)	15	10	636332	1@1	CP_QPS K	20.11	-1.85	16.11	33.01	18.26	33.01	PASS
n77(345 0-3550)	15	10	636332	1@50	CP_QPS K	20.26	-1.85	16.26	33.01	18.41	33.01	PASS
n77(345 0-3550)	15	10	636332	26@13	CP_QAM 16	19.81	-1.85	15.81	33.01	17.96	33.01	PASS
n77(345 0-3550)	15	10	636332	1@1	CP_QAM	19.71	-1.85	15.71	33.01	17.86	33.01	PASS

0-3550)					16							
n77(345 0-3550)	15	10	636332	1@50	CP_QAM 16	19.81	-1.85	15.81	33.01	17.96	33.01	PASS
n77(345 0-3550)	15	10	636332	26@13	CP_QAM 64	18.21	-1.85	14.21	33.01	16.36	33.01	PASS
n77(345 0-3550)	15	10	636332	1@1	CP_QAM 64	18.27	-1.85	14.27	33.01	16.42	33.01	PASS
n77(345 0-3550)	15	10	636332	1@50	CP_QAM 64	18.34	-1.85	14.34	33.01	16.49	33.01	PASS
n77(345 0-3550)	15	10	636332	26@13	CP_QAM 256	15.27	-1.85	11.27	33.01	13.42	33.01	PASS
n77(345 0-3550)	15	10	636332	1@1	CP_QAM 256	15.30	-1.85	11.30	33.01	13.45	33.01	PASS
n77(345 0-3550)	15	10	636332	1@50	CP_QAM 256	15.03	-1.85	11.03	33.01	13.18	33.01	PASS
n77(345 0-3550)	15	15	630500	36@18	DFT_BP SK	21.26	-1.85	17.26	33.01	19.41	33.01	PASS
n77(345 0-3550)	15	15	630500	1@1	DFT_BP SK	20.87	-1.85	16.87	33.01	19.02	33.01	PASS
n77(345 0-3550)	15	15	630500	1@77	DFT_BP SK	21.40	-1.85	17.40	33.01	19.55	33.01	PASS
n77(345 0-3550)	15	15	630500	36@18	DFT_QP SK	21.29	-1.85	17.29	33.01	19.44	33.01	PASS
n77(345 0-3550)	15	15	630500	1@1	DFT_QP SK	20.74	-1.85	16.74	33.01	18.89	33.01	PASS
n77(345 0-3550)	15	15	630500	1@77	DFT_QP SK	21.29	-1.85	17.29	33.01	19.44	33.01	PASS
n77(345 0-3550)	15	15	630500	36@18	DFT_QA M16	20.24	-1.85	16.24	33.01	18.39	33.01	PASS
n77(345 0-3550)	15	15	630500	1@1	DFT_QA M16	20.04	-1.85	16.04	33.01	18.19	33.01	PASS
n77(345 0-3550)	15	15	630500	1@77	DFT_QA M16	20.56	-1.85	16.56	33.01	18.71	33.01	PASS
n77(345 0-3550)	15	15	630500	36@18	DFT_QA M64	18.67	-1.85	14.67	33.01	16.82	33.01	PASS
n77(345 0-3550)	15	15	630500	1@1	DFT_QA M64	18.78	-1.85	14.78	33.01	16.93	33.01	PASS
n77(345 0-3550)	15	15	630500	1@77	DFT_QA M64	19.30	-1.85	15.30	33.01	17.45	33.01	PASS
n77(345 0-3550)	15	15	630500	36@18	DFT_QA M256	16.86	-1.85	12.86	33.01	15.01	33.01	PASS
n77(345 0-3550)	15	15	630500	1@1	DFT_QA M256	16.86	-1.85	12.86	33.01	15.01	33.01	PASS
n77(345 0-3550)	15	15	630500	1@77	DFT_QA M256	17.13	-1.85	13.13	33.01	15.28	33.01	PASS
n77(345 0-3550)	15	15	630500	39@19	CP_QPS K	19.80	-1.85	15.80	33.01	17.95	33.01	PASS
n77(345 0-3550)	15	15	630500	1@1	CP_QPS K	19.20	-1.85	15.20	33.01	17.35	33.01	PASS
n77(345 0-3550)	15	15	630500	1@77	CP_QPS K	19.92	-1.85	15.92	33.01	18.07	33.01	PASS
n77(345 0-3550)	15	15	630500	39@19	CP_QAM	19.21	-1.85	15.21	33.01	17.36	33.01	PASS

0-3550)					16								
n77(345 0-3550)	15	15	630500	1@1	CP_QAM 16	19.21	-1.85	15.21	33.01	17.36	33.01	PASS	
n77(345 0-3550)	15	15	630500	1@77	CP_QAM 16	19.66	-1.85	15.66	33.01	17.81	33.01	PASS	
n77(345 0-3550)	15	15	630500	39@19	CP_QAM 64	17.81	-1.85	13.81	33.01	15.96	33.01	PASS	
n77(345 0-3550)	15	15	630500	1@1	CP_QAM 64	17.59	-1.85	13.59	33.01	15.74	33.01	PASS	
n77(345 0-3550)	15	15	630500	1@77	CP_QAM 64	18.00	-1.85	14.00	33.01	16.15	33.01	PASS	
n77(345 0-3550)	15	15	630500	39@19	CP_QAM 256	14.81	-1.85	10.81	33.01	12.96	33.01	PASS	
n77(345 0-3550)	15	15	630500	1@1	CP_QAM 256	14.43	-1.85	10.43	33.01	12.58	33.01	PASS	
n77(345 0-3550)	15	15	630500	1@77	CP_QAM 256	14.62	-1.85	10.62	33.01	12.77	33.01	PASS	
n77(345 0-3550)	15	15	633334	36@18	DFT_BP SK	21.50	-1.85	17.50	33.01	19.65	33.01	PASS	
n77(345 0-3550)	15	15	633334	1@1	DFT_BP SK	21.17	-1.85	17.17	33.01	19.32	33.01	PASS	
n77(345 0-3550)	15	15	633334	1@77	DFT_BP SK	21.51	-1.85	17.51	33.01	19.66	33.01	PASS	
n77(345 0-3550)	15	15	633334	36@18	DFT_QP SK	21.52	-1.85	17.52	33.01	19.67	33.01	PASS	
n77(345 0-3550)	15	15	633334	1@1	DFT_QP SK	21.13	-1.85	17.13	33.01	19.28	33.01	PASS	
n77(345 0-3550)	15	15	633334	1@77	DFT_QP SK	21.47	-1.85	17.47	33.01	19.62	33.01	PASS	
n77(345 0-3550)	15	15	633334	36@18	DFT_QA M16	20.54	-1.85	16.54	33.01	18.69	33.01	PASS	
n77(345 0-3550)	15	15	633334	1@1	DFT_QA M16	20.21	-1.85	16.21	33.01	18.36	33.01	PASS	
n77(345 0-3550)	15	15	633334	1@77	DFT_QA M16	20.58	-1.85	16.58	33.01	18.73	33.01	PASS	
n77(345 0-3550)	15	15	633334	36@18	DFT_QA M64	19.10	-1.85	15.10	33.01	17.25	33.01	PASS	
n77(345 0-3550)	15	15	633334	1@1	DFT_QA M64	19.13	-1.85	15.13	33.01	17.28	33.01	PASS	
n77(345 0-3550)	15	15	633334	1@77	DFT_QA M64	19.15	-1.85	15.15	33.01	17.30	33.01	PASS	
n77(345 0-3550)	15	15	633334	36@18	DFT_QA M256	17.14	-1.85	13.14	33.01	15.29	33.01	PASS	
n77(345 0-3550)	15	15	633334	1@1	DFT_QA M256	17.15	-1.85	13.15	33.01	15.30	33.01	PASS	
n77(345 0-3550)	15	15	633334	1@77	DFT_QA M256	17.40	-1.85	13.40	33.01	15.55	33.01	PASS	
n77(345 0-3550)	15	15	633334	39@19	CP_QPS K	20.01	-1.85	16.01	33.01	18.16	33.01	PASS	
n77(345 0-3550)	15	15	633334	1@1	CP_QPS K	19.65	-1.85	15.65	33.01	17.80	33.01	PASS	
n77(345 0-3550)	15	15	633334	1@77	CP_QPS	20.07	-1.85	16.07	33.01	18.22	33.01	PASS	

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n77(345 0-3550)	15	15	633334	39@19	CP_QAM 16	19.51	-1.85	15.51	33.01	17.66	33.01	PASS
n77(345 0-3550)	15	15	633334	1@1	CP_QAM 16	19.35	-1.85	15.35	33.01	17.50	33.01	PASS
n77(345 0-3550)	15	15	633334	1@77	CP_QAM 16	19.80	-1.85	15.80	33.01	17.95	33.01	PASS
n77(345 0-3550)	15	15	633334	39@19	CP_QAM 64	17.99	-1.85	13.99	33.01	16.14	33.01	PASS
n77(345 0-3550)	15	15	633334	1@1	CP_QAM 64	17.86	-1.85	13.86	33.01	16.01	33.01	PASS
n77(345 0-3550)	15	15	633334	1@77	CP_QAM 64	18.35	-1.85	14.35	33.01	16.50	33.01	PASS
n77(345 0-3550)	15	15	633334	39@19	CP_QAM 256	15.10	-1.85	11.10	33.01	13.25	33.01	PASS
n77(345 0-3550)	15	15	633334	1@1	CP_QAM 256	14.33	-1.85	10.33	33.01	12.48	33.01	PASS
n77(345 0-3550)	15	15	633334	1@77	CP_QAM 256	15.36	-1.85	11.36	33.01	13.51	33.01	PASS
n77(345 0-3550)	15	15	636166	36@18	DFT_BP SK	21.91	-1.85	17.91	33.01	20.06	33.01	PASS
n77(345 0-3550)	15	15	636166	1@1	DFT_BP SK	21.59	-1.85	17.59	33.01	19.74	33.01	PASS
n77(345 0-3550)	15	15	636166	1@77	DFT_BP SK	21.70	-1.85	17.70	33.01	19.85	33.01	PASS
n77(345 0-3550)	15	15	636166	36@18	DFT_QP SK	21.80	-1.85	17.80	33.01	19.95	33.01	PASS
n77(345 0-3550)	15	15	636166	1@1	DFT_QP SK	21.41	-1.85	17.41	33.01	19.56	33.01	PASS
n77(345 0-3550)	15	15	636166	1@77	DFT_QP SK	21.67	-1.85	17.67	33.01	19.82	33.01	PASS
n77(345 0-3550)	15	15	636166	36@18	DFT_QA M16	20.89	-1.85	16.89	33.01	19.04	33.01	PASS
n77(345 0-3550)	15	15	636166	1@1	DFT_QA M16	20.75	-1.85	16.75	33.01	18.90	33.01	PASS
n77(345 0-3550)	15	15	636166	1@77	DFT_QA M16	21.08	-1.85	17.08	33.01	19.23	33.01	PASS
n77(345 0-3550)	15	15	636166	36@18	DFT_QA M64	19.38	-1.85	15.38	33.01	17.53	33.01	PASS
n77(345 0-3550)	15	15	636166	1@1	DFT_QA M64	19.44	-1.85	15.44	33.01	17.59	33.01	PASS
n77(345 0-3550)	15	15	636166	1@77	DFT_QA M64	19.33	-1.85	15.33	33.01	17.48	33.01	PASS
n77(345 0-3550)	15	15	636166	36@18	DFT_QA M256	17.29	-1.85	13.29	33.01	15.44	33.01	PASS
n77(345 0-3550)	15	15	636166	1@1	DFT_QA M256	17.56	-1.85	13.56	33.01	15.71	33.01	PASS
n77(345 0-3550)	15	15	636166	1@77	DFT_QA M256	17.41	-1.85	13.41	33.01	15.56	33.01	PASS
n77(345 0-3550)	15	15	636166	39@19	CP_QPS K	20.30	-1.85	16.30	33.01	18.45	33.01	PASS



n77(345 0-3550)	15	15	636166	1@1	CP_QPS K	20.04	-1.85	16.04	33.01	18.19	33.01	PASS
n77(345 0-3550)	15	15	636166	1@77	CP_QPS K	20.26	-1.85	16.26	33.01	18.41	33.01	PASS
n77(345 0-3550)	15	15	636166	39@19	CP_QAM 16	19.79	-1.85	15.79	33.01	17.94	33.01	PASS
n77(345 0-3550)	15	15	636166	1@1	CP_QAM 16	19.64	-1.85	15.64	33.01	17.79	33.01	PASS
n77(345 0-3550)	15	15	636166	1@77	CP_QAM 16	19.93	-1.85	15.93	33.01	18.08	33.01	PASS
n77(345 0-3550)	15	15	636166	39@19	CP_QAM 64	18.42	-1.85	14.42	33.01	16.57	33.01	PASS
n77(345 0-3550)	15	15	636166	1@1	CP_QAM 64	18.16	-1.85	14.16	33.01	16.31	33.01	PASS
n77(345 0-3550)	15	15	636166	1@77	CP_QAM 64	18.53	-1.85	14.53	33.01	16.68	33.01	PASS
n77(345 0-3550)	15	15	636166	39@19	CP_QAM 256	15.45	-1.85	11.45	33.01	13.60	33.01	PASS
n77(345 0-3550)	15	15	636166	1@1	CP_QAM 256	15.22	-1.85	11.22	33.01	13.37	33.01	PASS
n77(345 0-3550)	15	15	636166	1@77	CP_QAM 256	15.03	-1.85	11.03	33.01	13.18	33.01	PASS
n77(345 0-3550)	15	20	630668	50@25	DFT_BP SK	21.40	-1.85	17.40	33.01	19.55	33.01	PASS
n77(345 0-3550)	15	20	630668	1@1	DFT_BP SK	20.87	-1.85	16.87	33.01	19.02	33.01	PASS
n77(345 0-3550)	15	20	630668	1@104	DFT_BP SK	21.43	-1.85	17.43	33.01	19.58	33.01	PASS
n77(345 0-3550)	15	20	630668	50@25	DFT_QP SK	21.40	-1.85	17.40	33.01	19.55	33.01	PASS
n77(345 0-3550)	15	20	630668	1@1	DFT_QP SK	20.75	-1.85	16.75	33.01	18.90	33.01	PASS
n77(345 0-3550)	15	20	630668	1@104	DFT_QP SK	21.25	-1.85	17.25	33.01	19.40	33.01	PASS
n77(345 0-3550)	15	20	630668	50@25	DFT_QA M16	20.38	-1.85	16.38	33.01	18.53	33.01	PASS
n77(345 0-3550)	15	20	630668	1@1	DFT_QA M16	20.18	-1.85	16.18	33.01	18.33	33.01	PASS
n77(345 0-3550)	15	20	630668	1@104	DFT_QA M16	20.84	-1.85	16.84	33.01	18.99	33.01	PASS
n77(345 0-3550)	15	20	630668	50@25	DFT_QA M64	18.89	-1.85	14.89	33.01	17.04	33.01	PASS
n77(345 0-3550)	15	20	630668	1@1	DFT_QA M64	18.75	-1.85	14.75	33.01	16.90	33.01	PASS
n77(345 0-3550)	15	20	630668	1@104	DFT_QA M64	19.16	-1.85	15.16	33.01	17.31	33.01	PASS
n77(345 0-3550)	15	20	630668	50@25	DFT_QA M256	16.95	-1.85	12.95	33.01	15.10	33.01	PASS
n77(345 0-3550)	15	20	630668	1@1	DFT_QA M256	16.65	-1.85	12.65	33.01	14.80	33.01	PASS
n77(345 0-3550)	15	20	630668	1@104	DFT_QA M256	17.42	-1.85	13.42	33.01	15.57	33.01	PASS

n77(345 0-3550)	15	20	630668	53@26	CP_QPS K	19.83	-1.85	15.83	33.01	17.98	33.01	PASS
n77(345 0-3550)	15	20	630668	1@1	CP_QPS K	19.16	-1.85	15.16	33.01	17.31	33.01	PASS
n77(345 0-3550)	15	20	630668	1@104	CP_QPS K	19.73	-1.85	15.73	33.01	17.88	33.01	PASS
n77(345 0-3550)	15	20	630668	53@26	CP_QAM 16	19.35	-1.85	15.35	33.01	17.50	33.01	PASS
n77(345 0-3550)	15	20	630668	1@1	CP_QAM 16	18.83	-1.85	14.83	33.01	16.98	33.01	PASS
n77(345 0-3550)	15	20	630668	1@104	CP_QAM 16	19.74	-1.85	15.74	33.01	17.89	33.01	PASS
n77(345 0-3550)	15	20	630668	53@26	CP_QAM 64	17.85	-1.85	13.85	33.01	16.00	33.01	PASS
n77(345 0-3550)	15	20	630668	1@1	CP_QAM 64	17.32	-1.85	13.32	33.01	15.47	33.01	PASS
n77(345 0-3550)	15	20	630668	1@104	CP_QAM 64	18.08	-1.85	14.08	33.01	16.23	33.01	PASS
n77(345 0-3550)	15	20	630668	53@26	CP_QAM 256	14.93	-1.85	10.93	33.01	13.08	33.01	PASS
n77(345 0-3550)	15	20	630668	1@1	CP_QAM 256	14.41	-1.85	10.41	33.01	12.56	33.01	PASS
n77(345 0-3550)	15	20	630668	1@104	CP_QAM 256	14.75	-1.85	10.75	33.01	12.90	33.01	PASS
n77(345 0-3550)	15	20	633334	50@25	DFT_BP SK	21.62	-1.85	17.62	33.01	19.77	33.01	PASS
n77(345 0-3550)	15	20	633334	1@1	DFT_BP SK	21.12	-1.85	17.12	33.01	19.27	33.01	PASS
n77(345 0-3550)	15	20	633334	1@104	DFT_BP SK	21.58	-1.85	17.58	33.01	19.73	33.01	PASS
n77(345 0-3550)	15	20	633334	50@25	DFT_QP SK	21.59	-1.85	17.59	33.01	19.74	33.01	PASS
n77(345 0-3550)	15	20	633334	1@1	DFT_QP SK	20.91	-1.85	16.91	33.01	19.06	33.01	PASS
n77(345 0-3550)	15	20	633334	1@104	DFT_QP SK	21.48	-1.85	17.48	33.01	19.63	33.01	PASS
n77(345 0-3550)	15	20	633334	50@25	DFT_QA M16	20.62	-1.85	16.62	33.01	18.77	33.01	PASS
n77(345 0-3550)	15	20	633334	1@1	DFT_QA M16	20.31	-1.85	16.31	33.01	18.46	33.01	PASS
n77(345 0-3550)	15	20	633334	1@104	DFT_QA M16	20.77	-1.85	16.77	33.01	18.92	33.01	PASS
n77(345 0-3550)	15	20	633334	50@25	DFT_QA M64	19.14	-1.85	15.14	33.01	17.29	33.01	PASS
n77(345 0-3550)	15	20	633334	1@1	DFT_QA M64	18.71	-1.85	14.71	33.01	16.86	33.01	PASS
n77(345 0-3550)	15	20	633334	1@104	DFT_QA M64	19.22	-1.85	15.22	33.01	17.37	33.01	PASS
n77(345 0-3550)	15	20	633334	50@25	DFT_QA M256	17.17	-1.85	13.17	33.01	15.32	33.01	PASS
n77(345 0-3550)	15	20	633334	1@1	DFT_QA M256	17.00	-1.85	13.00	33.01	15.15	33.01	PASS

n77(345 0-3550)	15	20	633334	1@104	DFT_QA M256	17.47	-1.85	13.47	33.01	15.62	33.01	PASS
n77(345 0-3550)	15	20	633334	53@26	CP_QPS K	20.09	-1.85	16.09	33.01	18.24	33.01	PASS
n77(345 0-3550)	15	20	633334	1@1	CP_QPS K	19.56	-1.85	15.56	33.01	17.71	33.01	PASS
n77(345 0-3550)	15	20	633334	1@104	CP_QPS K	20.06	-1.85	16.06	33.01	18.21	33.01	PASS
n77(345 0-3550)	15	20	633334	53@26	CP_QAM 16	19.59	-1.85	15.59	33.01	17.74	33.01	PASS
n77(345 0-3550)	15	20	633334	1@1	CP_QAM 16	19.19	-1.85	15.19	33.01	17.34	33.01	PASS
n77(345 0-3550)	15	20	633334	1@104	CP_QAM 16	19.83	-1.85	15.83	33.01	17.98	33.01	PASS
n77(345 0-3550)	15	20	633334	53@26	CP_QAM 64	18.07	-1.85	14.07	33.01	16.22	33.01	PASS
n77(345 0-3550)	15	20	633334	1@1	CP_QAM 64	17.68	-1.85	13.68	33.01	15.83	33.01	PASS
n77(345 0-3550)	15	20	633334	1@104	CP_QAM 64	18.13	-1.85	14.13	33.01	16.28	33.01	PASS
n77(345 0-3550)	15	20	633334	53@26	CP_QAM 256	15.18	-1.85	11.18	33.01	13.33	33.01	PASS
n77(345 0-3550)	15	20	633334	1@1	CP_QAM 256	14.71	-1.85	10.71	33.01	12.86	33.01	PASS
n77(345 0-3550)	15	20	633334	1@104	CP_QAM 256	15.23	-1.85	11.23	33.01	13.38	33.01	PASS
n77(345 0-3550)	15	20	636000	50@25	DFT_BP SK	21.79	-1.85	17.79	33.01	19.94	33.01	PASS
n77(345 0-3550)	15	20	636000	1@1	DFT_BP SK	21.42	-1.85	17.42	33.01	19.57	33.01	PASS
n77(345 0-3550)	15	20	636000	1@104	DFT_BP SK	21.71	-1.85	17.71	33.01	19.86	33.01	PASS
n77(345 0-3550)	15	20	636000	50@25	DFT_QP SK	21.75	-1.85	17.75	33.01	19.90	33.01	PASS
n77(345 0-3550)	15	20	636000	1@1	DFT_QP SK	21.27	-1.85	17.27	33.01	19.42	33.01	PASS
n77(345 0-3550)	15	20	636000	1@104	DFT_QP SK	21.74	-1.85	17.74	33.01	19.89	33.01	PASS
n77(345 0-3550)	15	20	636000	50@25	DFT_QA M16	20.77	-1.85	16.77	33.01	18.92	33.01	PASS
n77(345 0-3550)	15	20	636000	1@1	DFT_QA M16	20.57	-1.85	16.57	33.01	18.72	33.01	PASS
n77(345 0-3550)	15	20	636000	1@104	DFT_QA M16	21.03	-1.85	17.03	33.01	19.18	33.01	PASS
n77(345 0-3550)	15	20	636000	50@25	DFT_QA M64	19.19	-1.85	15.19	33.01	17.34	33.01	PASS
n77(345 0-3550)	15	20	636000	1@1	DFT_QA M64	19.14	-1.85	15.14	33.01	17.29	33.01	PASS
n77(345 0-3550)	15	20	636000	1@104	DFT_QA M64	19.65	-1.85	15.65	33.01	17.80	33.01	PASS
n77(345 0-3550)	15	20	636000	50@25	DFT_QA M256	17.31	-1.85	13.31	33.01	15.46	33.01	PASS

n77(3450-3550)	15	20	636000	1@1	DFT_QA M256	17.20	-1.85	13.20	33.01	15.35	33.01	PASS
n77(3450-3550)	15	20	636000	1@104	DFT_QA M256	17.52	-1.85	13.52	33.01	15.67	33.01	PASS
n77(3450-3550)	15	20	636000	53@26	CP_QPS K	20.18	-1.85	16.18	33.01	18.33	33.01	PASS
n77(3450-3550)	15	20	636000	1@1	CP_QPS K	19.85	-1.85	15.85	33.01	18.00	33.01	PASS
n77(3450-3550)	15	20	636000	1@104	CP_QPS K	20.21	-1.85	16.21	33.01	18.36	33.01	PASS
n77(3450-3550)	15	20	636000	53@26	CP_QAM 16	19.90	-1.85	15.90	33.01	18.05	33.01	PASS
n77(3450-3550)	15	20	636000	1@1	CP_QAM 16	19.42	-1.85	15.42	33.01	17.57	33.01	PASS
n77(3450-3550)	15	20	636000	1@104	CP_QAM 16	19.89	-1.85	15.89	33.01	18.04	33.01	PASS
n77(3450-3550)	15	20	636000	53@26	CP_QAM 64	18.24	-1.85	14.24	33.01	16.39	33.01	PASS
n77(3450-3550)	15	20	636000	1@1	CP_QAM 64	17.89	-1.85	13.89	33.01	16.04	33.01	PASS
n77(3450-3550)	15	20	636000	1@104	CP_QAM 64	18.19	-1.85	14.19	33.01	16.34	33.01	PASS
n77(3450-3550)	15	20	636000	53@26	CP_QAM 256	15.35	-1.85	11.35	33.01	13.50	33.01	PASS
n77(3450-3550)	15	20	636000	1@1	CP_QAM 256	14.63	-1.85	10.63	33.01	12.78	33.01	PASS
n77(3450-3550)	15	20	636000	1@104	CP_QAM 256	15.06	-1.85	11.06	33.01	13.21	33.01	PASS
n77(3450-3550)	15	30	631000	80@40	DFT_BP SK	21.55	-1.85	17.55	33.01	19.70	33.01	PASS
n77(3450-3550)	15	30	631000	1@1	DFT_BP SK	20.66	-1.85	16.66	33.01	18.81	33.01	PASS
n77(3450-3550)	15	30	631000	1@158	DFT_BP SK	21.08	-1.85	17.08	33.01	19.23	33.01	PASS
n77(3450-3550)	15	30	631000	80@40	DFT_QP SK	21.55	-1.85	17.55	33.01	19.70	33.01	PASS
n77(3450-3550)	15	30	631000	1@1	DFT_QP SK	20.57	-1.85	16.57	33.01	18.72	33.01	PASS
n77(3450-3550)	15	30	631000	1@158	DFT_QP SK	20.90	-1.85	16.90	33.01	19.05	33.01	PASS
n77(3450-3550)	15	30	631000	80@40	DFT_QA M16	20.59	-1.85	16.59	33.01	18.74	33.01	PASS
n77(3450-3550)	15	30	631000	1@1	DFT_QA M16	19.88	-1.85	15.88	33.01	18.03	33.01	PASS
n77(3450-3550)	15	30	631000	1@158	DFT_QA M16	20.20	-1.85	16.20	33.01	18.35	33.01	PASS
n77(3450-3550)	15	30	631000	80@40	DFT_QA M64	19.03	-1.85	15.03	33.01	17.18	33.01	PASS
n77(3450-3550)	15	30	631000	1@1	DFT_QA M64	18.35	-1.85	14.35	33.01	16.50	33.01	PASS
n77(3450-3550)	15	30	631000	1@158	DFT_QA M64	18.99	-1.85	14.99	33.01	17.14	33.01	PASS

n77(345 0-3550)	15	30	631000	80@40	DFT_QA M256	17.12	-1.85	13.12	33.01	15.27	33.01	PASS
n77(345 0-3550)	15	30	631000	1@1	DFT_QA M256	16.68	-1.85	12.68	33.01	14.83	33.01	PASS
n77(345 0-3550)	15	30	631000	1@158	DFT_QA M256	16.92	-1.85	12.92	33.01	15.07	33.01	PASS
n77(345 0-3550)	15	30	631000	80@40	CP_QPS K	19.93	-1.85	15.93	33.01	18.08	33.01	PASS
n77(345 0-3550)	15	30	631000	1@1	CP_QPS K	19.13	-1.85	15.13	33.01	17.28	33.01	PASS
n77(345 0-3550)	15	30	631000	1@158	CP_QPS K	19.39	-1.85	15.39	33.01	17.54	33.01	PASS
n77(345 0-3550)	15	30	631000	80@40	CP_QAM 16	19.43	-1.85	15.43	33.01	17.58	33.01	PASS
n77(345 0-3550)	15	30	631000	1@1	CP_QAM 16	19.05	-1.85	15.05	33.01	17.20	33.01	PASS
n77(345 0-3550)	15	30	631000	1@158	CP_QAM 16	19.09	-1.85	15.09	33.01	17.24	33.01	PASS
n77(345 0-3550)	15	30	631000	80@40	CP_QAM 64	18.01	-1.85	14.01	33.01	16.16	33.01	PASS
n77(345 0-3550)	15	30	631000	1@1	CP_QAM 64	17.28	-1.85	13.28	33.01	15.43	33.01	PASS
n77(345 0-3550)	15	30	631000	1@158	CP_QAM 64	17.61	-1.85	13.61	33.01	15.76	33.01	PASS
n77(345 0-3550)	15	30	631000	80@40	CP_QAM 256	15.12	-1.85	11.12	33.01	13.27	33.01	PASS
n77(345 0-3550)	15	30	631000	1@1	CP_QAM 256	14.05	-1.85	10.05	33.01	12.20	33.01	PASS
n77(345 0-3550)	15	30	631000	1@158	CP_QAM 256	14.66	-1.85	10.66	33.01	12.81	33.01	PASS
n77(345 0-3550)	15	30	633334	80@40	DFT_BP SK	21.56	-1.85	17.56	33.01	19.71	33.01	PASS
n77(345 0-3550)	15	30	633334	1@1	DFT_BP SK	20.83	-1.85	16.83	33.01	18.98	33.01	PASS
n77(345 0-3550)	15	30	633334	1@158	DFT_BP SK	21.26	-1.85	17.26	33.01	19.41	33.01	PASS
n77(345 0-3550)	15	30	633334	80@40	DFT_QP SK	21.64	-1.85	17.64	33.01	19.79	33.01	PASS
n77(345 0-3550)	15	30	633334	1@1	DFT_QP SK	20.77	-1.85	16.77	33.01	18.92	33.01	PASS
n77(345 0-3550)	15	30	633334	1@158	DFT_QP SK	21.23	-1.85	17.23	33.01	19.38	33.01	PASS
n77(345 0-3550)	15	30	633334	80@40	DFT_QA M16	20.65	-1.85	16.65	33.01	18.80	33.01	PASS
n77(345 0-3550)	15	30	633334	1@1	DFT_QA M16	20.17	-1.85	16.17	33.01	18.32	33.01	PASS
n77(345 0-3550)	15	30	633334	1@158	DFT_QA M16	20.64	-1.85	16.64	33.01	18.79	33.01	PASS
n77(345 0-3550)	15	30	633334	80@40	DFT_QA M64	19.13	-1.85	15.13	33.01	17.28	33.01	PASS
n77(345 0-3550)	15	30	633334	1@1	DFT_QA M64	18.52	-1.85	14.52	33.01	16.67	33.01	PASS

n77(345 0-3550)	15	30	633334	1@158	DFT_QA M64	19.26	-1.85	15.26	33.01	17.41	33.01	PASS
n77(345 0-3550)	15	30	633334	80@40	DFT_QA M256	17.17	-1.85	13.17	33.01	15.32	33.01	PASS
n77(345 0-3550)	15	30	633334	1@1	DFT_QA M256	16.73	-1.85	12.73	33.01	14.88	33.01	PASS
n77(345 0-3550)	15	30	633334	1@158	DFT_QA M256	17.12	-1.85	13.12	33.01	15.27	33.01	PASS
n77(345 0-3550)	15	30	633334	80@40	CP_QPS K	20.02	-1.85	16.02	33.01	18.17	33.01	PASS
n77(345 0-3550)	15	30	633334	1@1	CP_QPS K	19.34	-1.85	15.34	33.01	17.49	33.01	PASS
n77(345 0-3550)	15	30	633334	1@158	CP_QPS K	19.89	-1.85	15.89	33.01	18.04	33.01	PASS
n77(345 0-3550)	15	30	633334	80@40	CP_QAM 16	19.56	-1.85	15.56	33.01	17.71	33.01	PASS
n77(345 0-3550)	15	30	633334	1@1	CP_QAM 16	19.03	-1.85	15.03	33.01	17.18	33.01	PASS
n77(345 0-3550)	15	30	633334	1@158	CP_QAM 16	19.46	-1.85	15.46	33.01	17.61	33.01	PASS
n77(345 0-3550)	15	30	633334	80@40	CP_QAM 64	18.08	-1.85	14.08	33.01	16.23	33.01	PASS
n77(345 0-3550)	15	30	633334	1@1	CP_QAM 64	17.49	-1.85	13.49	33.01	15.64	33.01	PASS
n77(345 0-3550)	15	30	633334	1@158	CP_QAM 64	17.96	-1.85	13.96	33.01	16.11	33.01	PASS
n77(345 0-3550)	15	30	633334	80@40	CP_QAM 256	15.24	-1.85	11.24	33.01	13.39	33.01	PASS
n77(345 0-3550)	15	30	633334	1@1	CP_QAM 256	14.53	-1.85	10.53	33.01	12.68	33.01	PASS
n77(345 0-3550)	15	30	633334	1@158	CP_QAM 256	15.03	-1.85	11.03	33.01	13.18	33.01	PASS
n77(345 0-3550)	15	30	635666	80@40	DFT_BP SK	21.67	-1.85	17.67	33.01	19.82	33.01	PASS
n77(345 0-3550)	15	30	635666	1@1	DFT_BP SK	21.21	-1.85	17.21	33.01	19.36	33.01	PASS
n77(345 0-3550)	15	30	635666	1@158	DFT_BP SK	21.56	-1.85	17.56	33.01	19.71	33.01	PASS
n77(345 0-3550)	15	30	635666	80@40	DFT_QP SK	21.74	-1.85	17.74	33.01	19.89	33.01	PASS
n77(345 0-3550)	15	30	635666	1@1	DFT_QP SK	21.16	-1.85	17.16	33.01	19.31	33.01	PASS
n77(345 0-3550)	15	30	635666	1@158	DFT_QP SK	21.46	-1.85	17.46	33.01	19.61	33.01	PASS
n77(345 0-3550)	15	30	635666	80@40	DFT_QA M16	20.77	-1.85	16.77	33.01	18.92	33.01	PASS
n77(345 0-3550)	15	30	635666	1@1	DFT_QA M16	20.23	-1.85	16.23	33.01	18.38	33.01	PASS
n77(345 0-3550)	15	30	635666	1@158	DFT_QA M16	20.58	-1.85	16.58	33.01	18.73	33.01	PASS
n77(345 0-3550)	15	30	635666	80@40	DFT_QA M64	19.27	-1.85	15.27	33.01	17.42	33.01	PASS

n77(345 0-3550)	15	30	635666	1@1	DFT_QA M64	19.19	-1.85	15.19	33.01	17.34	33.01	PASS
n77(345 0-3550)	15	30	635666	1@158	DFT_QA M64	19.24	-1.85	15.24	33.01	17.39	33.01	PASS
n77(345 0-3550)	15	30	635666	80@40	DFT_QA M256	17.31	-1.85	13.31	33.01	15.46	33.01	PASS
n77(345 0-3550)	15	30	635666	1@1	DFT_QA M256	17.24	-1.85	13.24	33.01	15.39	33.01	PASS
n77(345 0-3550)	15	30	635666	1@158	DFT_QA M256	17.37	-1.85	13.37	33.01	15.52	33.01	PASS
n77(345 0-3550)	15	30	635666	80@40	CP_QPS K	20.18	-1.85	16.18	33.01	18.33	33.01	PASS
n77(345 0-3550)	15	30	635666	1@1	CP_QPS K	19.75	-1.85	15.75	33.01	17.90	33.01	PASS
n77(345 0-3550)	15	30	635666	1@158	CP_QPS K	20.08	-1.85	16.08	33.01	18.23	33.01	PASS
n77(345 0-3550)	15	30	635666	80@40	CP_QAM 16	19.71	-1.85	15.71	33.01	17.86	33.01	PASS
n77(345 0-3550)	15	30	635666	1@1	CP_QAM 16	19.36	-1.85	15.36	33.01	17.51	33.01	PASS
n77(345 0-3550)	15	30	635666	1@158	CP_QAM 16	19.56	-1.85	15.56	33.01	17.71	33.01	PASS
n77(345 0-3550)	15	30	635666	80@40	CP_QAM 64	18.19	-1.85	14.19	33.01	16.34	33.01	PASS
n77(345 0-3550)	15	30	635666	1@1	CP_QAM 64	17.89	-1.85	13.89	33.01	16.04	33.01	PASS
n77(345 0-3550)	15	30	635666	1@158	CP_QAM 64	18.21	-1.85	14.21	33.01	16.36	33.01	PASS
n77(345 0-3550)	15	30	635666	80@40	CP_QAM 256	15.35	-1.85	11.35	33.01	13.50	33.01	PASS
n77(345 0-3550)	15	30	635666	1@1	CP_QAM 256	14.89	-1.85	10.89	33.01	13.04	33.01	PASS
n77(345 0-3550)	15	30	635666	1@158	CP_QAM 256	14.73	-1.85	10.73	33.01	12.88	33.01	PASS
n77(345 0-3550)	15	40	631334	108@5 4	DFT_BP SK	21.51	-1.85	17.51	33.01	19.66	33.01	PASS
n77(345 0-3550)	15	40	631334	1@1	DFT_BP SK	20.41	-1.85	16.41	33.01	18.56	33.01	PASS
n77(345 0-3550)	15	40	631334	1@214	DFT_BP SK	20.71	-1.85	16.71	33.01	18.86	33.01	PASS
n77(345 0-3550)	15	40	631334	108@5 4	DFT_QP SK	21.56	-1.85	17.56	33.01	19.71	33.01	PASS
n77(345 0-3550)	15	40	631334	1@1	DFT_QP SK	20.29	-1.85	16.29	33.01	18.44	33.01	PASS
n77(345 0-3550)	15	40	631334	1@214	DFT_QP SK	20.57	-1.85	16.57	33.01	18.72	33.01	PASS
n77(345 0-3550)	15	40	631334	108@5 4	DFT_QA M16	20.50	-1.85	16.50	33.01	18.65	33.01	PASS
n77(345 0-3550)	15	40	631334	1@1	DFT_QA M16	19.87	-1.85	15.87	33.01	18.02	33.01	PASS
n77(345 0-3550)	15	40	631334	1@214	DFT_QA M16	19.85	-1.85	15.85	33.01	18.00	33.01	PASS

n77(345 0-3550)	15	40	631334	108@5 4	DFT_QA M64	19.03	-1.85	15.03	33.01	17.18	33.01	PASS
n77(345 0-3550)	15	40	631334	1@1	DFT_QA M64	18.10	-1.85	14.10	33.01	16.25	33.01	PASS
n77(345 0-3550)	15	40	631334	1@214	DFT_QA M64	18.61	-1.85	14.61	33.01	16.76	33.01	PASS
n77(345 0-3550)	15	40	631334	108@5 4	DFT_QA M256	17.19	-1.85	13.19	33.01	15.34	33.01	PASS
n77(345 0-3550)	15	40	631334	1@1	DFT_QA M256	16.40	-1.85	12.40	33.01	14.55	33.01	PASS
n77(345 0-3550)	15	40	631334	1@214	DFT_QA M256	16.63	-1.85	12.63	33.01	14.78	33.01	PASS
n77(345 0-3550)	15	40	631334	108@5 4	CP_QPS K	19.95	-1.85	15.95	33.01	18.10	33.01	PASS
n77(345 0-3550)	15	40	631334	1@1	CP_QPS K	19.02	-1.85	15.02	33.01	17.17	33.01	PASS
n77(345 0-3550)	15	40	631334	1@214	CP_QPS K	19.18	-1.85	15.18	33.01	17.33	33.01	PASS
n77(345 0-3550)	15	40	631334	108@5 4	CP_QAM 16	19.37	-1.85	15.37	33.01	17.52	33.01	PASS
n77(345 0-3550)	15	40	631334	1@1	CP_QAM 16	18.56	-1.85	14.56	33.01	16.71	33.01	PASS
n77(345 0-3550)	15	40	631334	1@214	CP_QAM 16	18.77	-1.85	14.77	33.01	16.92	33.01	PASS
n77(345 0-3550)	15	40	631334	108@5 4	CP_QAM 64	17.97	-1.85	13.97	33.01	16.12	33.01	PASS
n77(345 0-3550)	15	40	631334	1@1	CP_QAM 64	17.08	-1.85	13.08	33.01	15.23	33.01	PASS
n77(345 0-3550)	15	40	631334	1@214	CP_QAM 64	17.33	-1.85	13.33	33.01	15.48	33.01	PASS
n77(345 0-3550)	15	40	631334	108@5 4	CP_QAM 256	15.10	-1.85	11.10	33.01	13.25	33.01	PASS
n77(345 0-3550)	15	40	631334	1@1	CP_QAM 256	13.80	-1.85	9.80	33.01	11.95	33.01	PASS
n77(345 0-3550)	15	40	631334	1@214	CP_QAM 256	13.96	-1.85	9.96	33.01	12.11	33.01	PASS
n77(345 0-3550)	15	40	633334	108@5 4	DFT_BP SK	21.67	-1.85	17.67	33.01	19.82	33.01	PASS
n77(345 0-3550)	15	40	633334	1@1	DFT_BP SK	20.76	-1.85	16.76	33.01	18.91	33.01	PASS
n77(345 0-3550)	15	40	633334	1@214	DFT_BP SK	20.97	-1.85	16.97	33.01	19.12	33.01	PASS
n77(345 0-3550)	15	40	633334	108@5 4	DFT_QP SK	21.60	-1.85	17.60	33.01	19.75	33.01	PASS
n77(345 0-3550)	15	40	633334	1@1	DFT_QP SK	20.69	-1.85	16.69	33.01	18.84	33.01	PASS
n77(345 0-3550)	15	40	633334	1@214	DFT_QP SK	20.83	-1.85	16.83	33.01	18.98	33.01	PASS
n77(345 0-3550)	15	40	633334	108@5 4	DFT_QA M16	20.65	-1.85	16.65	33.01	18.80	33.01	PASS
n77(345 0-3550)	15	40	633334	1@1	DFT_QA M16	20.15	-1.85	16.15	33.01	18.30	33.01	PASS



n77(345 0-3550)	15	40	633334	1@214	DFT_QA M16	20.34	-1.85	16.34	33.01	18.49	33.01	PASS
n77(345 0-3550)	15	40	633334	108@5 4	DFT_QA M64	19.10	-1.85	15.10	33.01	17.25	33.01	PASS
n77(345 0-3550)	15	40	633334	1@1	DFT_QA M64	18.64	-1.85	14.64	33.01	16.79	33.01	PASS
n77(345 0-3550)	15	40	633334	1@214	DFT_QA M64	18.95	-1.85	14.95	33.01	17.10	33.01	PASS
n77(345 0-3550)	15	40	633334	108@5 4	DFT_QA M256	17.22	-1.85	13.22	33.01	15.37	33.01	PASS
n77(345 0-3550)	15	40	633334	1@1	DFT_QA M256	16.69	-1.85	12.69	33.01	14.84	33.01	PASS
n77(345 0-3550)	15	40	633334	1@214	DFT_QA M256	16.99	-1.85	12.99	33.01	15.14	33.01	PASS
n77(345 0-3550)	15	40	633334	108@5 4	CP_QPS K	20.11	-1.85	16.11	33.01	18.26	33.01	PASS
n77(345 0-3550)	15	40	633334	1@1	CP_QPS K	19.16	-1.85	15.16	33.01	17.31	33.01	PASS
n77(345 0-3550)	15	40	633334	1@214	CP_QPS K	19.44	-1.85	15.44	33.01	17.59	33.01	PASS
n77(345 0-3550)	15	40	633334	108@5 4	CP_QAM 16	19.51	-1.85	15.51	33.01	17.66	33.01	PASS
n77(345 0-3550)	15	40	633334	1@1	CP_QAM 16	18.94	-1.85	14.94	33.01	17.09	33.01	PASS
n77(345 0-3550)	15	40	633334	1@214	CP_QAM 16	19.10	-1.85	15.10	33.01	17.25	33.01	PASS
n77(345 0-3550)	15	40	633334	108@5 4	CP_QAM 64	18.11	-1.85	14.11	33.01	16.26	33.01	PASS
n77(345 0-3550)	15	40	633334	1@1	CP_QAM 64	17.48	-1.85	13.48	33.01	15.63	33.01	PASS
n77(345 0-3550)	15	40	633334	1@214	CP_QAM 64	17.72	-1.85	13.72	33.01	15.87	33.01	PASS
n77(345 0-3550)	15	40	633334	108@5 4	CP_QAM 256	15.17	-1.85	11.17	33.01	13.32	33.01	PASS
n77(345 0-3550)	15	40	633334	1@1	CP_QAM 256	14.03	-1.85	10.03	33.01	12.18	33.01	PASS
n77(345 0-3550)	15	40	633334	1@214	CP_QAM 256	14.74	-1.85	10.74	33.01	12.89	33.01	PASS
n77(345 0-3550)	15	40	635332	108@5 4	DFT_BP SK	21.63	-1.85	17.63	33.01	19.78	33.01	PASS
n77(345 0-3550)	15	40	635332	1@1	DFT_BP SK	21.21	-1.85	17.21	33.01	19.36	33.01	PASS
n77(345 0-3550)	15	40	635332	1@214	DFT_BP SK	21.24	-1.85	17.24	33.01	19.39	33.01	PASS
n77(345 0-3550)	15	40	635332	108@5 4	DFT_QP SK	21.56	-1.85	17.56	33.01	19.71	33.01	PASS
n77(345 0-3550)	15	40	635332	1@1	DFT_QP SK	21.04	-1.85	17.04	33.01	19.19	33.01	PASS
n77(345 0-3550)	15	40	635332	1@214	DFT_QP SK	21.18	-1.85	17.18	33.01	19.33	33.01	PASS
n77(345 0-3550)	15	40	635332	108@5 4	DFT_QA M16	20.59	-1.85	16.59	33.01	18.74	33.01	PASS

n77(345 0-3550)	15	40	635332	1@1	DFT_QA M16	20.19	-1.85	16.19	33.01	18.34	33.01	PASS
n77(345 0-3550)	15	40	635332	1@214	DFT_QA M16	20.60	-1.85	16.60	33.01	18.75	33.01	PASS
n77(345 0-3550)	15	40	635332	108@5 4	DFT_QA M64	19.09	-1.85	15.09	33.01	17.24	33.01	PASS
n77(345 0-3550)	15	40	635332	1@1	DFT_QA M64	19.10	-1.85	15.10	33.01	17.25	33.01	PASS
n77(345 0-3550)	15	40	635332	1@214	DFT_QA M64	19.01	-1.85	15.01	33.01	17.16	33.01	PASS
n77(345 0-3550)	15	40	635332	108@5 4	DFT_QA M256	17.20	-1.85	13.20	33.01	15.35	33.01	PASS
n77(345 0-3550)	15	40	635332	1@1	DFT_QA M256	16.96	-1.85	12.96	33.01	15.11	33.01	PASS
n77(345 0-3550)	15	40	635332	1@214	DFT_QA M256	17.05	-1.85	13.05	33.01	15.20	33.01	PASS
n77(345 0-3550)	15	40	635332	108@5 4	CP_QPS K	20.08	-1.85	16.08	33.01	18.23	33.01	PASS
n77(345 0-3550)	15	40	635332	1@1	CP_QPS K	19.66	-1.85	15.66	33.01	17.81	33.01	PASS
n77(345 0-3550)	15	40	635332	1@214	CP_QPS K	19.84	-1.85	15.84	33.01	17.99	33.01	PASS
n77(345 0-3550)	15	40	635332	108@5 4	CP_QAM 16	19.43	-1.85	15.43	33.01	17.58	33.01	PASS
n77(345 0-3550)	15	40	635332	1@1	CP_QAM 16	19.19	-1.85	15.19	33.01	17.34	33.01	PASS
n77(345 0-3550)	15	40	635332	1@214	CP_QAM 16	19.38	-1.85	15.38	33.01	17.53	33.01	PASS
n77(345 0-3550)	15	40	635332	108@5 4	CP_QAM 64	18.07	-1.85	14.07	33.01	16.22	33.01	PASS
n77(345 0-3550)	15	40	635332	1@1	CP_QAM 64	17.76	-1.85	13.76	33.01	15.91	33.01	PASS
n77(345 0-3550)	15	40	635332	1@214	CP_QAM 64	17.95	-1.85	13.95	33.01	16.10	33.01	PASS
n77(345 0-3550)	15	40	635332	108@5 4	CP_QAM 256	15.23	-1.85	11.23	33.01	13.38	33.01	PASS
n77(345 0-3550)	15	40	635332	1@1	CP_QAM 256	14.39	-1.85	10.39	33.01	12.54	33.01	PASS
n77(345 0-3550)	15	40	635332	1@214	CP_QAM 256	15.05	-1.85	11.05	33.01	13.20	33.01	PASS
n77(345 0-3550)	15	50	631668	135@6 7	DFT_BP SK	21.47	-1.85	17.47	33.01	19.62	33.01	PASS
n77(345 0-3550)	15	50	631668	1@1	DFT_BP SK	20.77	-1.85	16.77	33.01	18.92	33.01	PASS
n77(345 0-3550)	15	50	631668	1@268	DFT_BP SK	21.39	-1.85	17.39	33.01	19.54	33.01	PASS
n77(345 0-3550)	15	50	631668	135@6 7	DFT_QP SK	21.55	-1.85	17.55	33.01	19.70	33.01	PASS
n77(345 0-3550)	15	50	631668	1@1	DFT_QP SK	20.59	-1.85	16.59	33.01	18.74	33.01	PASS
n77(345 0-3550)	15	50	631668	1@268	DFT_QP SK	21.27	-1.85	17.27	33.01	19.42	33.01	PASS

n77(345 0-3550)	15	50	631668	135@6 7	DFT_QA M16	20.55	-1.85	16.55	33.01	18.70	33.01	PASS
n77(345 0-3550)	15	50	631668	1@1	DFT_QA M16	20.18	-1.85	16.18	33.01	18.33	33.01	PASS
n77(345 0-3550)	15	50	631668	1@268	DFT_QA M16	20.63	-1.85	16.63	33.01	18.78	33.01	PASS
n77(345 0-3550)	15	50	631668	135@6 7	DFT_QA M64	19.04	-1.85	15.04	33.01	17.19	33.01	PASS
n77(345 0-3550)	15	50	631668	1@1	DFT_QA M64	18.51	-1.85	14.51	33.01	16.66	33.01	PASS
n77(345 0-3550)	15	50	631668	1@268	DFT_QA M64	19.09	-1.85	15.09	33.01	17.24	33.01	PASS
n77(345 0-3550)	15	50	631668	135@6 7	DFT_QA M256	17.05	-1.85	13.05	33.01	15.20	33.01	PASS
n77(345 0-3550)	15	50	631668	1@1	DFT_QA M256	16.64	-1.85	12.64	33.01	14.79	33.01	PASS
n77(345 0-3550)	15	50	631668	1@268	DFT_QA M256	17.34	-1.85	13.34	33.01	15.49	33.01	PASS
n77(345 0-3550)	15	50	631668	135@6 7	CP_QPS K	19.95	-1.85	15.95	33.01	18.10	33.01	PASS
n77(345 0-3550)	15	50	631668	1@1	CP_QPS K	19.25	-1.85	15.25	33.01	17.40	33.01	PASS
n77(345 0-3550)	15	50	631668	1@268	CP_QPS K	19.80	-1.85	15.80	33.01	17.95	33.01	PASS
n77(345 0-3550)	15	50	631668	135@6 7	CP_QAM 16	19.50	-1.85	15.50	33.01	17.65	33.01	PASS
n77(345 0-3550)	15	50	631668	1@1	CP_QAM 16	19.03	-1.85	15.03	33.01	17.18	33.01	PASS
n77(345 0-3550)	15	50	631668	1@268	CP_QAM 16	19.43	-1.85	15.43	33.01	17.58	33.01	PASS
n77(345 0-3550)	15	50	631668	135@6 7	CP_QAM 64	17.94	-1.85	13.94	33.01	16.09	33.01	PASS
n77(345 0-3550)	15	50	631668	1@1	CP_QAM 64	17.51	-1.85	13.51	33.01	15.66	33.01	PASS
n77(345 0-3550)	15	50	631668	1@268	CP_QAM 64	18.06	-1.85	14.06	33.01	16.21	33.01	PASS
n77(345 0-3550)	15	50	631668	135@6 7	CP_QAM 256	15.06	-1.85	11.06	33.01	13.21	33.01	PASS
n77(345 0-3550)	15	50	631668	1@1	CP_QAM 256	14.44	-1.85	10.44	33.01	12.59	33.01	PASS
n77(345 0-3550)	15	50	631668	1@268	CP_QAM 256	15.10	-1.85	11.10	33.01	13.25	33.01	PASS
n77(345 0-3550)	15	50	633334	135@6 7	DFT_BP SK	21.65	-1.85	17.65	33.01	19.80	33.01	PASS
n77(345 0-3550)	15	50	633334	1@1	DFT_BP SK	21.18	-1.85	17.18	33.01	19.33	33.01	PASS
n77(345 0-3550)	15	50	633334	1@268	DFT_BP SK	21.21	-1.85	17.21	33.01	19.36	33.01	PASS
n77(345 0-3550)	15	50	633334	135@6 7	DFT_QP SK	21.58	-1.85	17.58	33.01	19.73	33.01	PASS
n77(345 0-3550)	15	50	633334	1@1	DFT_QP SK	21.16	-1.85	17.16	33.01	19.31	33.01	PASS

n77(345 0-3550)	15	50	633334	1@268	DFT_QP SK	21.17	-1.85	17.17	33.01	19.32	33.01	PASS
n77(345 0-3550)	15	50	633334	135@6 7	DFT_QA M16	20.61	-1.85	16.61	33.01	18.76	33.01	PASS
n77(345 0-3550)	15	50	633334	1@1	DFT_QA M16	20.41	-1.85	16.41	33.01	18.56	33.01	PASS
n77(345 0-3550)	15	50	633334	1@268	DFT_QA M16	20.43	-1.85	16.43	33.01	18.58	33.01	PASS
n77(345 0-3550)	15	50	633334	135@6 7	DFT_QA M64	19.15	-1.85	15.15	33.01	17.30	33.01	PASS
n77(345 0-3550)	15	50	633334	1@1	DFT_QA M64	19.16	-1.85	15.16	33.01	17.31	33.01	PASS
n77(345 0-3550)	15	50	633334	1@268	DFT_QA M64	19.13	-1.85	15.13	33.01	17.28	33.01	PASS
n77(345 0-3550)	15	50	633334	135@6 7	DFT_QA M256	17.23	-1.85	13.23	33.01	15.38	33.01	PASS
n77(345 0-3550)	15	50	633334	1@1	DFT_QA M256	17.16	-1.85	13.16	33.01	15.31	33.01	PASS
n77(345 0-3550)	15	50	633334	1@268	DFT_QA M256	17.19	-1.85	13.19	33.01	15.34	33.01	PASS
n77(345 0-3550)	15	50	633334	135@6 7	CP_QPS K	20.03	-1.85	16.03	33.01	18.18	33.01	PASS
n77(345 0-3550)	15	50	633334	1@1	CP_QPS K	19.65	-1.85	15.65	33.01	17.80	33.01	PASS
n77(345 0-3550)	15	50	633334	1@268	CP_QPS K	19.81	-1.85	15.81	33.01	17.96	33.01	PASS
n77(345 0-3550)	15	50	633334	135@6 7	CP_QAM 16	19.65	-1.85	15.65	33.01	17.80	33.01	PASS
n77(345 0-3550)	15	50	633334	1@1	CP_QAM 16	19.37	-1.85	15.37	33.01	17.52	33.01	PASS
n77(345 0-3550)	15	50	633334	1@268	CP_QAM 16	19.56	-1.85	15.56	33.01	17.71	33.01	PASS
n77(345 0-3550)	15	50	633334	135@6 7	CP_QAM 64	18.08	-1.85	14.08	33.01	16.23	33.01	PASS
n77(345 0-3550)	15	50	633334	1@1	CP_QAM 64	17.81	-1.85	13.81	33.01	15.96	33.01	PASS
n77(345 0-3550)	15	50	633334	1@268	CP_QAM 64	17.86	-1.85	13.86	33.01	16.01	33.01	PASS
n77(345 0-3550)	15	50	633334	135@6 7	CP_QAM 256	15.19	-1.85	11.19	33.01	13.34	33.01	PASS
n77(345 0-3550)	15	50	633334	1@1	CP_QAM 256	14.54	-1.85	10.54	33.01	12.69	33.01	PASS
n77(345 0-3550)	15	50	633334	1@268	CP_QAM 256	14.92	-1.85	10.92	33.01	13.07	33.01	PASS
n77(345 0-3550)	15	50	635000	135@6 7	DFT_BP SK	21.60	-1.85	17.60	33.01	19.75	33.01	PASS
n77(345 0-3550)	15	50	635000	1@1	DFT_BP SK	21.45	-1.85	17.45	33.01	19.60	33.01	PASS
n77(345 0-3550)	15	50	635000	1@268	DFT_BP SK	21.65	-1.85	17.65	33.01	19.80	33.01	PASS
n77(345 0-3550)	15	50	635000	135@6 7	DFT_QP SK	21.65	-1.85	17.65	33.01	19.80	33.01	PASS

n77(345 0-3550)	15	50	635000	1@1	DFT_QP SK	21.36	-1.85	17.36	33.01	19.51	33.01	PASS
n77(345 0-3550)	15	50	635000	1@268	DFT_QP SK	21.49	-1.85	17.49	33.01	19.64	33.01	PASS
n77(345 0-3550)	15	50	635000	135@6 7	DFT_QA M16	20.66	-1.85	16.66	33.01	18.81	33.01	PASS
n77(345 0-3550)	15	50	635000	1@1	DFT_QA M16	20.63	-1.85	16.63	33.01	18.78	33.01	PASS
n77(345 0-3550)	15	50	635000	1@268	DFT_QA M16	20.84	-1.85	16.84	33.01	18.99	33.01	PASS
n77(345 0-3550)	15	50	635000	135@6 7	DFT_QA M64	19.16	-1.85	15.16	33.01	17.31	33.01	PASS
n77(345 0-3550)	15	50	635000	1@1	DFT_QA M64	19.04	-1.85	15.04	33.01	17.19	33.01	PASS
n77(345 0-3550)	15	50	635000	1@268	DFT_QA M64	19.58	-1.85	15.58	33.01	17.73	33.01	PASS
n77(345 0-3550)	15	50	635000	135@6 7	DFT_QA M256	17.20	-1.85	13.20	33.01	15.35	33.01	PASS
n77(345 0-3550)	15	50	635000	1@1	DFT_QA M256	17.43	-1.85	13.43	33.01	15.58	33.01	PASS
n77(345 0-3550)	15	50	635000	1@268	DFT_QA M256	17.51	-1.85	13.51	33.01	15.66	33.01	PASS
n77(345 0-3550)	15	50	635000	135@6 7	CP_QPS K	20.04	-1.85	16.04	33.01	18.19	33.01	PASS
n77(345 0-3550)	15	50	635000	1@1	CP_QPS K	19.96	-1.85	15.96	33.01	18.11	33.01	PASS
n77(345 0-3550)	15	50	635000	1@268	CP_QPS K	20.09	-1.85	16.09	33.01	18.24	33.01	PASS
n77(345 0-3550)	15	50	635000	135@6 7	CP_QAM 16	19.61	-1.85	15.61	33.01	17.76	33.01	PASS
n77(345 0-3550)	15	50	635000	1@1	CP_QAM 16	19.74	-1.85	15.74	33.01	17.89	33.01	PASS
n77(345 0-3550)	15	50	635000	1@268	CP_QAM 16	19.79	-1.85	15.79	33.01	17.94	33.01	PASS
n77(345 0-3550)	15	50	635000	135@6 7	CP_QAM 64	18.10	-1.85	14.10	33.01	16.25	33.01	PASS
n77(345 0-3550)	15	50	635000	1@1	CP_QAM 64	18.06	-1.85	14.06	33.01	16.21	33.01	PASS
n77(345 0-3550)	15	50	635000	1@268	CP_QAM 64	18.31	-1.85	14.31	33.01	16.46	33.01	PASS
n77(345 0-3550)	15	50	635000	135@6 7	CP_QAM 256	15.17	-1.85	11.17	33.01	13.32	33.01	PASS
n77(345 0-3550)	15	50	635000	1@1	CP_QAM 256	14.81	-1.85	10.81	33.01	12.96	33.01	PASS
n77(345 0-3550)	15	50	635000	1@268	CP_QAM 256	15.02	-1.85	11.02	33.01	13.17	33.01	PASS

Appendix 5G NR -n77 - SCS 15KHz(3550-3700)

1 Conducted output power for NR FR1

Band	SCS (kHz)	Band width (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n77(3550-3700)	15	10	637000	25@12	DFT_BPSK	21.84	-1.85	17.84	33.01	19.99	33.01	PASS
n77(3550-3700)	15	10	637000	1@1	DFT_BPSK	21.71	-1.85	17.71	33.01	19.86	33.01	PASS
n77(3550-3700)	15	10	637000	1@50	DFT_BPSK	21.76	-1.85	17.76	33.01	19.91	33.01	PASS
n77(3550-3700)	15	10	637000	25@12	DFT_QPSK	21.84	-1.85	17.84	33.01	19.99	33.01	PASS
n77(3550-3700)	15	10	637000	1@1	DFT_QPSK	21.58	-1.85	17.58	33.01	19.73	33.01	PASS
n77(3550-3700)	15	10	637000	1@50	DFT_QPSK	21.68	-1.85	17.68	33.01	19.83	33.01	PASS
n77(3550-3700)	15	10	637000	25@12	DFT_QAM16	20.74	-1.85	16.74	33.01	18.89	33.01	PASS
n77(3550-3700)	15	10	637000	1@1	DFT_QAM16	20.89	-1.85	16.89	33.01	19.04	33.01	PASS
n77(3550-3700)	15	10	637000	1@50	DFT_QAM16	21.06	-1.85	17.06	33.01	19.21	33.01	PASS
n77(3550-3700)	15	10	637000	25@12	DFT_QAM64	19.34	-1.85	15.34	33.01	17.49	33.01	PASS
n77(3550-3700)	15	10	637000	1@1	DFT_QAM64	19.71	-1.85	15.71	33.01	17.86	33.01	PASS
n77(3550-3700)	15	10	637000	1@50	DFT_QAM64	19.56	-1.85	15.56	33.01	17.71	33.01	PASS
n77(3550-3700)	15	10	637000	25@12	DFT_QAM256	17.32	-1.85	13.32	33.01	15.47	33.01	PASS
n77(3550-3700)	15	10	637000	1@1	DFT_QAM256	17.50	-1.85	13.50	33.01	15.65	33.01	PASS
n77(3550-3700)	15	10	637000	1@50	DFT_QAM256	17.57	-1.85	13.57	33.01	15.72	33.01	PASS
n77(3550-3700)	15	10	637000	26@13	CP_QPSK	20.26	-1.85	16.26	33.01	18.41	33.01	PASS
n77(3550-3700)	15	10	637000	1@1	CP_QPSK	20.17	-1.85	16.17	33.01	18.32	33.01	PASS
n77(3550-3700)	15	10	637000	1@50	CP_QPSK	20.20	-1.85	16.20	33.01	18.35	33.01	PASS
n77(3550-3700)	15	10	637000	26@13	CP_QAM16	19.88	-1.85	15.88	33.01	18.03	33.01	PASS
n77(3550-3700)	15	10	637000	1@1	CP_QAM16	19.68	-1.85	15.68	33.01	17.83	33.01	PASS
n77(3550-3700)	15	10	637000	1@50	CP_QAM16	19.94	-1.85	15.94	33.01	18.09	33.01	PASS

n77(355 0-3700)	15	10	637000	26@13	CP_QAM 64	18.28	-1.85	14.28	33.01	16.43	33.01	PASS
n77(355 0-3700)	15	10	637000	1@1	CP_QAM 64	18.37	-1.85	14.37	33.01	16.52	33.01	PASS
n77(355 0-3700)	15	10	637000	1@50	CP_QAM 64	18.56	-1.85	14.56	33.01	16.71	33.01	PASS
n77(355 0-3700)	15	10	637000	26@13	CP_QAM 256	15.40	-1.85	11.40	33.01	13.55	33.01	PASS
n77(355 0-3700)	15	10	637000	1@1	CP_QAM 256	15.36	-1.85	11.36	33.01	13.51	33.01	PASS
n77(355 0-3700)	15	10	637000	1@50	CP_QAM 256	15.34	-1.85	11.34	33.01	13.49	33.01	PASS
n77(355 0-3700)	15	10	641666	25@12	DFT_BP SK	21.45	-1.85	17.45	33.01	19.60	33.01	PASS
n77(355 0-3700)	15	10	641666	1@1	DFT_BP SK	21.53	-1.85	17.53	33.01	19.68	33.01	PASS
n77(355 0-3700)	15	10	641666	1@50	DFT_BP SK	21.39	-1.85	17.39	33.01	19.54	33.01	PASS
n77(355 0-3700)	15	10	641666	25@12	DFT_QP SK	21.45	-1.85	17.45	33.01	19.60	33.01	PASS
n77(355 0-3700)	15	10	641666	1@1	DFT_QP SK	21.42	-1.85	17.42	33.01	19.57	33.01	PASS
n77(355 0-3700)	15	10	641666	1@50	DFT_QP SK	21.28	-1.85	17.28	33.01	19.43	33.01	PASS
n77(355 0-3700)	15	10	641666	25@12	DFT_QA M16	20.51	-1.85	16.51	33.01	18.66	33.01	PASS
n77(355 0-3700)	15	10	641666	1@1	DFT_QA M16	20.91	-1.85	16.91	33.01	19.06	33.01	PASS
n77(355 0-3700)	15	10	641666	1@50	DFT_QA M16	20.79	-1.85	16.79	33.01	18.94	33.01	PASS
n77(355 0-3700)	15	10	641666	25@12	DFT_QA M64	18.93	-1.85	14.93	33.01	17.08	33.01	PASS
n77(355 0-3700)	15	10	641666	1@1	DFT_QA M64	19.41	-1.85	15.41	33.01	17.56	33.01	PASS
n77(355 0-3700)	15	10	641666	1@50	DFT_QA M64	19.03	-1.85	15.03	33.01	17.18	33.01	PASS
n77(355 0-3700)	15	10	641666	25@12	DFT_QA M256	16.94	-1.85	12.94	33.01	15.09	33.01	PASS
n77(355 0-3700)	15	10	641666	1@1	DFT_QA M256	17.28	-1.85	13.28	33.01	15.43	33.01	PASS
n77(355 0-3700)	15	10	641666	1@50	DFT_QA M256	17.09	-1.85	13.09	33.01	15.24	33.01	PASS
n77(355 0-3700)	15	10	641666	26@13	CP_QPS K	19.83	-1.85	15.83	33.01	17.98	33.01	PASS
n77(355 0-3700)	15	10	641666	1@1	CP_QPS K	20.04	-1.85	16.04	33.01	18.19	33.01	PASS
n77(355 0-3700)	15	10	641666	1@50	CP_QPS K	19.78	-1.85	15.78	33.01	17.93	33.01	PASS
n77(355 0-3700)	15	10	641666	26@13	CP_QAM 16	19.43	-1.85	15.43	33.01	17.58	33.01	PASS
n77(355 0-3700)	15	10	641666	1@1	CP_QAM 16	19.41	-1.85	15.41	33.01	17.56	33.01	PASS

n77(355 0-3700)	15	10	641666	1@50	CP_QAM 16	19.53	-1.85	15.53	33.01	17.68	33.01	PASS
n77(355 0-3700)	15	10	641666	26@13	CP_QAM 64	17.88	-1.85	13.88	33.01	16.03	33.01	PASS
n77(355 0-3700)	15	10	641666	1@1	CP_QAM 64	18.18	-1.85	14.18	33.01	16.33	33.01	PASS
n77(355 0-3700)	15	10	641666	1@50	CP_QAM 64	17.96	-1.85	13.96	33.01	16.11	33.01	PASS
n77(355 0-3700)	15	10	641666	26@13	CP_QAM 256	15.03	-1.85	11.03	33.01	13.18	33.01	PASS
n77(355 0-3700)	15	10	641666	1@1	CP_QAM 256	15.15	-1.85	11.15	33.01	13.30	33.01	PASS
n77(355 0-3700)	15	10	641666	1@50	CP_QAM 256	14.69	-1.85	10.69	33.01	12.84	33.01	PASS
n77(355 0-3700)	15	10	646332	25@12	DFT_BP SK	20.25	-1.85	16.25	33.01	18.40	33.01	PASS
n77(355 0-3700)	15	10	646332	1@1	DFT_BP SK	20.40	-1.85	16.40	33.01	18.55	33.01	PASS
n77(355 0-3700)	15	10	646332	1@50	DFT_BP SK	20.11	-1.85	16.11	33.01	18.26	33.01	PASS
n77(355 0-3700)	15	10	646332	25@12	DFT_QP SK	20.20	-1.85	16.20	33.01	18.35	33.01	PASS
n77(355 0-3700)	15	10	646332	1@1	DFT_QP SK	20.20	-1.85	16.20	33.01	18.35	33.01	PASS
n77(355 0-3700)	15	10	646332	1@50	DFT_QP SK	20.01	-1.85	16.01	33.01	18.16	33.01	PASS
n77(355 0-3700)	15	10	646332	25@12	DFT_QA M16	19.24	-1.85	15.24	33.01	17.39	33.01	PASS
n77(355 0-3700)	15	10	646332	1@1	DFT_QA M16	19.30	-1.85	15.30	33.01	17.45	33.01	PASS
n77(355 0-3700)	15	10	646332	1@50	DFT_QA M16	19.37	-1.85	15.37	33.01	17.52	33.01	PASS
n77(355 0-3700)	15	10	646332	25@12	DFT_QA M64	17.84	-1.85	13.84	33.01	15.99	33.01	PASS
n77(355 0-3700)	15	10	646332	1@1	DFT_QA M64	17.94	-1.85	13.94	33.01	16.09	33.01	PASS
n77(355 0-3700)	15	10	646332	1@50	DFT_QA M64	17.98	-1.85	13.98	33.01	16.13	33.01	PASS
n77(355 0-3700)	15	10	646332	25@12	DFT_QA M256	15.72	-1.85	11.72	33.01	13.87	33.01	PASS
n77(355 0-3700)	15	10	646332	1@1	DFT_QA M256	16.19	-1.85	12.19	33.01	14.34	33.01	PASS
n77(355 0-3700)	15	10	646332	1@50	DFT_QA M256	15.92	-1.85	11.92	33.01	14.07	33.01	PASS
n77(355 0-3700)	15	10	646332	26@13	CP_QPS K	18.73	-1.85	14.73	33.01	16.88	33.01	PASS
n77(355 0-3700)	15	10	646332	1@1	CP_QPS K	18.83	-1.85	14.83	33.01	16.98	33.01	PASS
n77(355 0-3700)	15	10	646332	1@50	CP_QPS K	18.49	-1.85	14.49	33.01	16.64	33.01	PASS
n77(355 0-3700)	15	10	646332	26@13	CP_QAM 16	18.26	-1.85	14.26	33.01	16.41	33.01	PASS



n77(355 0-3700)	15	10	646332	1@1	CP_QAM 16	18.44	-1.85	14.44	33.01	16.59	33.01	PASS
n77(355 0-3700)	15	10	646332	1@50	CP_QAM 16	18.14	-1.85	14.14	33.01	16.29	33.01	PASS
n77(355 0-3700)	15	10	646332	26@13	CP_QAM 64	16.69	-1.85	12.69	33.01	14.84	33.01	PASS
n77(355 0-3700)	15	10	646332	1@1	CP_QAM 64	16.96	-1.85	12.96	33.01	15.11	33.01	PASS
n77(355 0-3700)	15	10	646332	1@50	CP_QAM 64	16.76	-1.85	12.76	33.01	14.91	33.01	PASS
n77(355 0-3700)	15	10	646332	26@13	CP_QAM 256	13.93	-1.85	9.93	33.01	12.08	33.01	PASS
n77(355 0-3700)	15	10	646332	1@1	CP_QAM 256	13.53	-1.85	9.53	33.01	11.68	33.01	PASS
n77(355 0-3700)	15	10	646332	1@50	CP_QAM 256	13.62	-1.85	9.62	33.01	11.77	33.01	PASS
n77(355 0-3700)	15	15	637168	36@18	DFT_BP SK	22.05	-1.85	18.05	33.01	20.20	33.01	PASS
n77(355 0-3700)	15	15	637168	1@1	DFT_BP SK	21.86	-1.85	17.86	33.01	20.01	33.01	PASS
n77(355 0-3700)	15	15	637168	1@77	DFT_BP SK	21.98	-1.85	17.98	33.01	20.13	33.01	PASS
n77(355 0-3700)	15	15	637168	36@18	DFT_QP SK	22.02	-1.85	18.02	33.01	20.17	33.01	PASS
n77(355 0-3700)	15	15	637168	1@1	DFT_QP SK	21.70	-1.85	17.70	33.01	19.85	33.01	PASS
n77(355 0-3700)	15	15	637168	1@77	DFT_QP SK	21.83	-1.85	17.83	33.01	19.98	33.01	PASS
n77(355 0-3700)	15	15	637168	36@18	DFT_QA M16	21.02	-1.85	17.02	33.01	19.17	33.01	PASS
n77(355 0-3700)	15	15	637168	1@1	DFT_QA M16	21.02	-1.85	17.02	33.01	19.17	33.01	PASS
n77(355 0-3700)	15	15	637168	1@77	DFT_QA M16	21.19	-1.85	17.19	33.01	19.34	33.01	PASS
n77(355 0-3700)	15	15	637168	36@18	DFT_QA M64	19.48	-1.85	15.48	33.01	17.63	33.01	PASS
n77(355 0-3700)	15	15	637168	1@1	DFT_QA M64	19.71	-1.85	15.71	33.01	17.86	33.01	PASS
n77(355 0-3700)	15	15	637168	1@77	DFT_QA M64	19.52	-1.85	15.52	33.01	17.67	33.01	PASS
n77(355 0-3700)	15	15	637168	36@18	DFT_QA M256	17.46	-1.85	13.46	33.01	15.61	33.01	PASS
n77(355 0-3700)	15	15	637168	1@1	DFT_QA M256	17.66	-1.85	13.66	33.01	15.81	33.01	PASS
n77(355 0-3700)	15	15	637168	1@77	DFT_QA M256	17.72	-1.85	13.72	33.01	15.87	33.01	PASS
n77(355 0-3700)	15	15	637168	39@19	CP_QPS K	20.54	-1.85	16.54	33.01	18.69	33.01	PASS
n77(355 0-3700)	15	15	637168	1@1	CP_QPS K	20.32	-1.85	16.32	33.01	18.47	33.01	PASS
n77(355 0-3700)	15	15	637168	1@77	CP_QPS K	20.38	-1.85	16.38	33.01	18.53	33.01	PASS

n77(355 0-3700)	15	15	637168	39@19	CP_QAM 16	20.00	-1.85	16.00	33.01	18.15	33.01	PASS
n77(355 0-3700)	15	15	637168	1@1	CP_QAM 16	19.92	-1.85	15.92	33.01	18.07	33.01	PASS
n77(355 0-3700)	15	15	637168	1@77	CP_QAM 16	19.92	-1.85	15.92	33.01	18.07	33.01	PASS
n77(355 0-3700)	15	15	637168	39@19	CP_QAM 64	18.56	-1.85	14.56	33.01	16.71	33.01	PASS
n77(355 0-3700)	15	15	637168	1@1	CP_QAM 64	18.44	-1.85	14.44	33.01	16.59	33.01	PASS
n77(355 0-3700)	15	15	637168	1@77	CP_QAM 64	18.55	-1.85	14.55	33.01	16.70	33.01	PASS
n77(355 0-3700)	15	15	637168	39@19	CP_QAM 256	15.57	-1.85	11.57	33.01	13.72	33.01	PASS
n77(355 0-3700)	15	15	637168	1@1	CP_QAM 256	15.39	-1.85	11.39	33.01	13.54	33.01	PASS
n77(355 0-3700)	15	15	637168	1@77	CP_QAM 256	15.61	-1.85	11.61	33.01	13.76	33.01	PASS
n77(355 0-3700)	15	15	641666	36@18	DFT_BP SK	21.61	-1.85	17.61	33.01	19.76	33.01	PASS
n77(355 0-3700)	15	15	641666	1@1	DFT_BP SK	21.68	-1.85	17.68	33.01	19.83	33.01	PASS
n77(355 0-3700)	15	15	641666	1@77	DFT_BP SK	21.46	-1.85	17.46	33.01	19.61	33.01	PASS
n77(355 0-3700)	15	15	641666	36@18	DFT_QP SK	21.62	-1.85	17.62	33.01	19.77	33.01	PASS
n77(355 0-3700)	15	15	641666	1@1	DFT_QP SK	21.57	-1.85	17.57	33.01	19.72	33.01	PASS
n77(355 0-3700)	15	15	641666	1@77	DFT_QP SK	21.37	-1.85	17.37	33.01	19.52	33.01	PASS
n77(355 0-3700)	15	15	641666	36@18	DFT_QA M16	20.70	-1.85	16.70	33.01	18.85	33.01	PASS
n77(355 0-3700)	15	15	641666	1@1	DFT_QA M16	21.00	-1.85	17.00	33.01	19.15	33.01	PASS
n77(355 0-3700)	15	15	641666	1@77	DFT_QA M16	20.72	-1.85	16.72	33.01	18.87	33.01	PASS
n77(355 0-3700)	15	15	641666	36@18	DFT_QA M64	19.11	-1.85	15.11	33.01	17.26	33.01	PASS
n77(355 0-3700)	15	15	641666	1@1	DFT_QA M64	19.63	-1.85	15.63	33.01	17.78	33.01	PASS
n77(355 0-3700)	15	15	641666	1@77	DFT_QA M64	18.99	-1.85	14.99	33.01	17.14	33.01	PASS
n77(355 0-3700)	15	15	641666	36@18	DFT_QA M256	17.11	-1.85	13.11	33.01	15.26	33.01	PASS
n77(355 0-3700)	15	15	641666	1@1	DFT_QA M256	17.24	-1.85	13.24	33.01	15.39	33.01	PASS
n77(355 0-3700)	15	15	641666	1@77	DFT_QA M256	17.08	-1.85	13.08	33.01	15.23	33.01	PASS
n77(355 0-3700)	15	15	641666	39@19	CP_QPS K	20.04	-1.85	16.04	33.01	18.19	33.01	PASS
n77(355 0-3700)	15	15	641666	1@1	CP_QPS K	20.20	-1.85	16.20	33.01	18.35	33.01	PASS

n77(355 0-3700)	15	15	641666	1@77	CP_QPS K	19.87	-1.85	15.87	33.01	18.02	33.01	PASS
n77(355 0-3700)	15	15	641666	39@19	CP_QAM 16	19.62	-1.85	15.62	33.01	17.77	33.01	PASS
n77(355 0-3700)	15	15	641666	1@1	CP_QAM 16	19.84	-1.85	15.84	33.01	17.99	33.01	PASS
n77(355 0-3700)	15	15	641666	1@77	CP_QAM 16	19.56	-1.85	15.56	33.01	17.71	33.01	PASS
n77(355 0-3700)	15	15	641666	39@19	CP_QAM 64	18.14	-1.85	14.14	33.01	16.29	33.01	PASS
n77(355 0-3700)	15	15	641666	1@1	CP_QAM 64	18.33	-1.85	14.33	33.01	16.48	33.01	PASS
n77(355 0-3700)	15	15	641666	1@77	CP_QAM 64	18.15	-1.85	14.15	33.01	16.30	33.01	PASS
n77(355 0-3700)	15	15	641666	39@19	CP_QAM 256	15.14	-1.85	11.14	33.01	13.29	33.01	PASS
n77(355 0-3700)	15	15	641666	1@1	CP_QAM 256	15.36	-1.85	11.36	33.01	13.51	33.01	PASS
n77(355 0-3700)	15	15	641666	1@77	CP_QAM 256	14.74	-1.85	10.74	33.01	12.89	33.01	PASS
n77(355 0-3700)	15	15	646166	36@18	DFT_BP SK	20.55	-1.85	16.55	33.01	18.70	33.01	PASS
n77(355 0-3700)	15	15	646166	1@1	DFT_BP SK	20.70	-1.85	16.70	33.01	18.85	33.01	PASS
n77(355 0-3700)	15	15	646166	1@77	DFT_BP SK	20.21	-1.85	16.21	33.01	18.36	33.01	PASS
n77(355 0-3700)	15	15	646166	36@18	DFT_QP SK	20.56	-1.85	16.56	33.01	18.71	33.01	PASS
n77(355 0-3700)	15	15	646166	1@1	DFT_QP SK	20.62	-1.85	16.62	33.01	18.77	33.01	PASS
n77(355 0-3700)	15	15	646166	1@77	DFT_QP SK	20.09	-1.85	16.09	33.01	18.24	33.01	PASS
n77(355 0-3700)	15	15	646166	36@18	DFT_QA M16	19.59	-1.85	15.59	33.01	17.74	33.01	PASS
n77(355 0-3700)	15	15	646166	1@1	DFT_QA M16	19.90	-1.85	15.90	33.01	18.05	33.01	PASS
n77(355 0-3700)	15	15	646166	1@77	DFT_QA M16	19.38	-1.85	15.38	33.01	17.53	33.01	PASS
n77(355 0-3700)	15	15	646166	36@18	DFT_QA M64	18.09	-1.85	14.09	33.01	16.24	33.01	PASS
n77(355 0-3700)	15	15	646166	1@1	DFT_QA M64	18.29	-1.85	14.29	33.01	16.44	33.01	PASS
n77(355 0-3700)	15	15	646166	1@77	DFT_QA M64	18.06	-1.85	14.06	33.01	16.21	33.01	PASS
n77(355 0-3700)	15	15	646166	36@18	DFT_QA M256	16.00	-1.85	12.00	33.01	14.15	33.01	PASS
n77(355 0-3700)	15	15	646166	1@1	DFT_QA M256	16.48	-1.85	12.48	33.01	14.63	33.01	PASS
n77(355 0-3700)	15	15	646166	1@77	DFT_QA M256	15.97	-1.85	11.97	33.01	14.12	33.01	PASS
n77(355 0-3700)	15	15	646166	39@19	CP_QPS K	19.00	-1.85	15.00	33.01	17.15	33.01	PASS

n77(355 0-3700)	15	15	646166	1@1	CP_QPS K	19.17	-1.85	15.17	33.01	17.32	33.01	PASS
n77(355 0-3700)	15	15	646166	1@77	CP_QPS K	18.67	-1.85	14.67	33.01	16.82	33.01	PASS
n77(355 0-3700)	15	15	646166	39@19	CP_QAM 16	18.49	-1.85	14.49	33.01	16.64	33.01	PASS
n77(355 0-3700)	15	15	646166	1@1	CP_QAM 16	18.77	-1.85	14.77	33.01	16.92	33.01	PASS
n77(355 0-3700)	15	15	646166	1@77	CP_QAM 16	18.35	-1.85	14.35	33.01	16.50	33.01	PASS
n77(355 0-3700)	15	15	646166	39@19	CP_QAM 64	17.02	-1.85	13.02	33.01	15.17	33.01	PASS
n77(355 0-3700)	15	15	646166	1@1	CP_QAM 64	17.31	-1.85	13.31	33.01	15.46	33.01	PASS
n77(355 0-3700)	15	15	646166	1@77	CP_QAM 64	16.79	-1.85	12.79	33.01	14.94	33.01	PASS
n77(355 0-3700)	15	15	646166	39@19	CP_QAM 256	14.07	-1.85	10.07	33.01	12.22	33.01	PASS
n77(355 0-3700)	15	15	646166	1@1	CP_QAM 256	14.28	-1.85	10.28	33.01	12.43	33.01	PASS
n77(355 0-3700)	15	15	646166	1@77	CP_QAM 256	13.88	-1.85	9.88	33.01	12.03	33.01	PASS
n77(355 0-3700)	15	20	637334	50@25	DFT_BP SK	22.02	-1.85	18.02	33.01	20.17	33.01	PASS
n77(355 0-3700)	15	20	637334	1@1	DFT_BP SK	21.74	-1.85	17.74	33.01	19.89	33.01	PASS
n77(355 0-3700)	15	20	637334	1@104	DFT_BP SK	21.97	-1.85	17.97	33.01	20.12	33.01	PASS
n77(355 0-3700)	15	20	637334	50@25	DFT_QP SK	22.01	-1.85	18.01	33.01	20.16	33.01	PASS
n77(355 0-3700)	15	20	637334	1@1	DFT_QP SK	21.65	-1.85	17.65	33.01	19.80	33.01	PASS
n77(355 0-3700)	15	20	637334	1@104	DFT_QP SK	21.87	-1.85	17.87	33.01	20.02	33.01	PASS
n77(355 0-3700)	15	20	637334	50@25	DFT_QA M16	21.11	-1.85	17.11	33.01	19.26	33.01	PASS
n77(355 0-3700)	15	20	637334	1@1	DFT_QA M16	21.06	-1.85	17.06	33.01	19.21	33.01	PASS
n77(355 0-3700)	15	20	637334	1@104	DFT_QA M16	20.90	-1.85	16.90	33.01	19.05	33.01	PASS
n77(355 0-3700)	15	20	637334	50@25	DFT_QA M64	19.56	-1.85	15.56	33.01	17.71	33.01	PASS
n77(355 0-3700)	15	20	637334	1@1	DFT_QA M64	19.34	-1.85	15.34	33.01	17.49	33.01	PASS
n77(355 0-3700)	15	20	637334	1@104	DFT_QA M64	19.84	-1.85	15.84	33.01	17.99	33.01	PASS
n77(355 0-3700)	15	20	637334	50@25	DFT_QA M256	17.55	-1.85	13.55	33.01	15.70	33.01	PASS
n77(355 0-3700)	15	20	637334	1@1	DFT_QA M256	17.63	-1.85	13.63	33.01	15.78	33.01	PASS
n77(355 0-3700)	15	20	637334	1@104	DFT_QA M256	17.54	-1.85	13.54	33.01	15.69	33.01	PASS

n77(355 0-3700)	15	20	637334	53@26	CP_QPS K	20.55	-1.85	16.55	33.01	18.70	33.01	PASS
n77(355 0-3700)	15	20	637334	1@1	CP_QPS K	20.20	-1.85	16.20	33.01	18.35	33.01	PASS
n77(355 0-3700)	15	20	637334	1@104	CP_QPS K	20.43	-1.85	16.43	33.01	18.58	33.01	PASS
n77(355 0-3700)	15	20	637334	53@26	CP_QAM 16	20.07	-1.85	16.07	33.01	18.22	33.01	PASS
n77(355 0-3700)	15	20	637334	1@1	CP_QAM 16	19.95	-1.85	15.95	33.01	18.10	33.01	PASS
n77(355 0-3700)	15	20	637334	1@104	CP_QAM 16	19.98	-1.85	15.98	33.01	18.13	33.01	PASS
n77(355 0-3700)	15	20	637334	53@26	CP_QAM 64	18.53	-1.85	14.53	33.01	16.68	33.01	PASS
n77(355 0-3700)	15	20	637334	1@1	CP_QAM 64	18.50	-1.85	14.50	33.01	16.65	33.01	PASS
n77(355 0-3700)	15	20	637334	1@104	CP_QAM 64	18.55	-1.85	14.55	33.01	16.70	33.01	PASS
n77(355 0-3700)	15	20	637334	53@26	CP_QAM 256	15.57	-1.85	11.57	33.01	13.72	33.01	PASS
n77(355 0-3700)	15	20	637334	1@1	CP_QAM 256	15.39	-1.85	11.39	33.01	13.54	33.01	PASS
n77(355 0-3700)	15	20	637334	1@104	CP_QAM 256	15.59	-1.85	11.59	33.01	13.74	33.01	PASS
n77(355 0-3700)	15	20	641666	50@25	DFT_BP SK	21.65	-1.85	17.65	33.01	19.80	33.01	PASS
n77(355 0-3700)	15	20	641666	1@1	DFT_BP SK	21.73	-1.85	17.73	33.01	19.88	33.01	PASS
n77(355 0-3700)	15	20	641666	1@104	DFT_BP SK	21.53	-1.85	17.53	33.01	19.68	33.01	PASS
n77(355 0-3700)	15	20	641666	50@25	DFT_QP SK	21.64	-1.85	17.64	33.01	19.79	33.01	PASS
n77(355 0-3700)	15	20	641666	1@1	DFT_QP SK	21.58	-1.85	17.58	33.01	19.73	33.01	PASS
n77(355 0-3700)	15	20	641666	1@104	DFT_QP SK	21.38	-1.85	17.38	33.01	19.53	33.01	PASS
n77(355 0-3700)	15	20	641666	50@25	DFT_QA M16	20.68	-1.85	16.68	33.01	18.83	33.01	PASS
n77(355 0-3700)	15	20	641666	1@1	DFT_QA M16	21.16	-1.85	17.16	33.01	19.31	33.01	PASS
n77(355 0-3700)	15	20	641666	1@104	DFT_QA M16	20.76	-1.85	16.76	33.01	18.91	33.01	PASS
n77(355 0-3700)	15	20	641666	50@25	DFT_QA M64	19.09	-1.85	15.09	33.01	17.24	33.01	PASS
n77(355 0-3700)	15	20	641666	1@1	DFT_QA M64	19.51	-1.85	15.51	33.01	17.66	33.01	PASS
n77(355 0-3700)	15	20	641666	1@104	DFT_QA M64	19.27	-1.85	15.27	33.01	17.42	33.01	PASS
n77(355 0-3700)	15	20	641666	50@25	DFT_QA M256	17.12	-1.85	13.12	33.01	15.27	33.01	PASS
n77(355 0-3700)	15	20	641666	1@1	DFT_QA M256	17.61	-1.85	13.61	33.01	15.76	33.01	PASS

n77(355 0-3700)	15	20	641666	1@104	DFT_QA M256	17.14	-1.85	13.14	33.01	15.29	33.01	PASS
n77(355 0-3700)	15	20	641666	53@26	CP_QPS K	20.14	-1.85	16.14	33.01	18.29	33.01	PASS
n77(355 0-3700)	15	20	641666	1@1	CP_QPS K	20.18	-1.85	16.18	33.01	18.33	33.01	PASS
n77(355 0-3700)	15	20	641666	1@104	CP_QPS K	19.96	-1.85	15.96	33.01	18.11	33.01	PASS
n77(355 0-3700)	15	20	641666	53@26	CP_QAM 16	19.58	-1.85	15.58	33.01	17.73	33.01	PASS
n77(355 0-3700)	15	20	641666	1@1	CP_QAM 16	19.74	-1.85	15.74	33.01	17.89	33.01	PASS
n77(355 0-3700)	15	20	641666	1@104	CP_QAM 16	19.58	-1.85	15.58	33.01	17.73	33.01	PASS
n77(355 0-3700)	15	20	641666	53@26	CP_QAM 64	18.12	-1.85	14.12	33.01	16.27	33.01	PASS
n77(355 0-3700)	15	20	641666	1@1	CP_QAM 64	18.50	-1.85	14.50	33.01	16.65	33.01	PASS
n77(355 0-3700)	15	20	641666	1@104	CP_QAM 64	17.98	-1.85	13.98	33.01	16.13	33.01	PASS
n77(355 0-3700)	15	20	641666	53@26	CP_QAM 256	15.24	-1.85	11.24	33.01	13.39	33.01	PASS
n77(355 0-3700)	15	20	641666	1@1	CP_QAM 256	14.93	-1.85	10.93	33.01	13.08	33.01	PASS
n77(355 0-3700)	15	20	641666	1@104	CP_QAM 256	15.12	-1.85	11.12	33.01	13.27	33.01	PASS
n77(355 0-3700)	15	20	646000	50@25	DFT_BP SK	20.68	-1.85	16.68	33.01	18.83	33.01	PASS
n77(355 0-3700)	15	20	646000	1@1	DFT_BP SK	20.85	-1.85	16.85	33.01	19.00	33.01	PASS
n77(355 0-3700)	15	20	646000	1@104	DFT_BP SK	20.19	-1.85	16.19	33.01	18.34	33.01	PASS
n77(355 0-3700)	15	20	646000	50@25	DFT_QP SK	20.67	-1.85	16.67	33.01	18.82	33.01	PASS
n77(355 0-3700)	15	20	646000	1@1	DFT_QP SK	20.70	-1.85	16.70	33.01	18.85	33.01	PASS
n77(355 0-3700)	15	20	646000	1@104	DFT_QP SK	20.01	-1.85	16.01	33.01	18.16	33.01	PASS
n77(355 0-3700)	15	20	646000	50@25	DFT_QA M16	19.76	-1.85	15.76	33.01	17.91	33.01	PASS
n77(355 0-3700)	15	20	646000	1@1	DFT_QA M16	19.99	-1.85	15.99	33.01	18.14	33.01	PASS
n77(355 0-3700)	15	20	646000	1@104	DFT_QA M16	19.39	-1.85	15.39	33.01	17.54	33.01	PASS
n77(355 0-3700)	15	20	646000	50@25	DFT_QA M64	18.13	-1.85	14.13	33.01	16.28	33.01	PASS
n77(355 0-3700)	15	20	646000	1@1	DFT_QA M64	18.67	-1.85	14.67	33.01	16.82	33.01	PASS
n77(355 0-3700)	15	20	646000	1@104	DFT_QA M64	18.02	-1.85	14.02	33.01	16.17	33.01	PASS
n77(355 0-3700)	15	20	646000	50@25	DFT_QA M256	16.13	-1.85	12.13	33.01	14.28	33.01	PASS

n77(355 0-3700)	15	20	646000	1@1	DFT_QA M256	16.59	-1.85	12.59	33.01	14.74	33.01	PASS
n77(355 0-3700)	15	20	646000	1@104	DFT_QA M256	15.90	-1.85	11.90	33.01	14.05	33.01	PASS
n77(355 0-3700)	15	20	646000	53@26	CP_QPS K	19.07	-1.85	15.07	33.01	17.22	33.01	PASS
n77(355 0-3700)	15	20	646000	1@1	CP_QPS K	19.28	-1.85	15.28	33.01	17.43	33.01	PASS
n77(355 0-3700)	15	20	646000	1@104	CP_QPS K	18.62	-1.85	14.62	33.01	16.77	33.01	PASS
n77(355 0-3700)	15	20	646000	53@26	CP_QAM 16	18.73	-1.85	14.73	33.01	16.88	33.01	PASS
n77(355 0-3700)	15	20	646000	1@1	CP_QAM 16	19.06	-1.85	15.06	33.01	17.21	33.01	PASS
n77(355 0-3700)	15	20	646000	1@104	CP_QAM 16	18.30	-1.85	14.30	33.01	16.45	33.01	PASS
n77(355 0-3700)	15	20	646000	53@26	CP_QAM 64	17.06	-1.85	13.06	33.01	15.21	33.01	PASS
n77(355 0-3700)	15	20	646000	1@1	CP_QAM 64	17.40	-1.85	13.40	33.01	15.55	33.01	PASS
n77(355 0-3700)	15	20	646000	1@104	CP_QAM 64	16.73	-1.85	12.73	33.01	14.88	33.01	PASS
n77(355 0-3700)	15	20	646000	53@26	CP_QAM 256	14.16	-1.85	10.16	33.01	12.31	33.01	PASS
n77(355 0-3700)	15	20	646000	1@1	CP_QAM 256	14.45	-1.85	10.45	33.01	12.60	33.01	PASS
n77(355 0-3700)	15	20	646000	1@104	CP_QAM 256	13.54	-1.85	9.54	33.01	11.69	33.01	PASS
n77(355 0-3700)	15	30	637668	80@40	DFT_BP SK	22.03	-1.85	18.03	33.01	20.18	33.01	PASS
n77(355 0-3700)	15	30	637668	1@1	DFT_BP SK	21.64	-1.85	17.64	33.01	19.79	33.01	PASS
n77(355 0-3700)	15	30	637668	1@158	DFT_BP SK	21.77	-1.85	17.77	33.01	19.92	33.01	PASS
n77(355 0-3700)	15	30	637668	80@40	DFT_QP SK	22.07	-1.85	18.07	33.01	20.22	33.01	PASS
n77(355 0-3700)	15	30	637668	1@1	DFT_QP SK	21.52	-1.85	17.52	33.01	19.67	33.01	PASS
n77(355 0-3700)	15	30	637668	1@158	DFT_QP SK	21.74	-1.85	17.74	33.01	19.89	33.01	PASS
n77(355 0-3700)	15	30	637668	80@40	DFT_QA M16	21.08	-1.85	17.08	33.01	19.23	33.01	PASS
n77(355 0-3700)	15	30	637668	1@1	DFT_QA M16	20.89	-1.85	16.89	33.01	19.04	33.01	PASS
n77(355 0-3700)	15	30	637668	1@158	DFT_QA M16	21.10	-1.85	17.10	33.01	19.25	33.01	PASS
n77(355 0-3700)	15	30	637668	80@40	DFT_QA M64	19.57	-1.85	15.57	33.01	17.72	33.01	PASS
n77(355 0-3700)	15	30	637668	1@1	DFT_QA M64	19.39	-1.85	15.39	33.01	17.54	33.01	PASS
n77(355 0-3700)	15	30	637668	1@158	DFT_QA M64	19.49	-1.85	15.49	33.01	17.64	33.01	PASS

n77(355 0-3700)	15	30	637668	80@40	DFT_QA M256	17.52	-1.85	13.52	33.01	15.67	33.01	PASS
n77(355 0-3700)	15	30	637668	1@1	DFT_QA M256	17.52	-1.85	13.52	33.01	15.67	33.01	PASS
n77(355 0-3700)	15	30	637668	1@158	DFT_QA M256	17.42	-1.85	13.42	33.01	15.57	33.01	PASS
n77(355 0-3700)	15	30	637668	80@40	CP_QPS K	20.57	-1.85	16.57	33.01	18.72	33.01	PASS
n77(355 0-3700)	15	30	637668	1@1	CP_QPS K	20.01	-1.85	16.01	33.01	18.16	33.01	PASS
n77(355 0-3700)	15	30	637668	1@158	CP_QPS K	20.17	-1.85	16.17	33.01	18.32	33.01	PASS
n77(355 0-3700)	15	30	637668	80@40	CP_QAM 16	19.99	-1.85	15.99	33.01	18.14	33.01	PASS
n77(355 0-3700)	15	30	637668	1@1	CP_QAM 16	19.77	-1.85	15.77	33.01	17.92	33.01	PASS
n77(355 0-3700)	15	30	637668	1@158	CP_QAM 16	19.87	-1.85	15.87	33.01	18.02	33.01	PASS
n77(355 0-3700)	15	30	637668	80@40	CP_QAM 64	18.55	-1.85	14.55	33.01	16.70	33.01	PASS
n77(355 0-3700)	15	30	637668	1@1	CP_QAM 64	18.38	-1.85	14.38	33.01	16.53	33.01	PASS
n77(355 0-3700)	15	30	637668	1@158	CP_QAM 64	18.51	-1.85	14.51	33.01	16.66	33.01	PASS
n77(355 0-3700)	15	30	637668	80@40	CP_QAM 256	15.66	-1.85	11.66	33.01	13.81	33.01	PASS
n77(355 0-3700)	15	30	637668	1@1	CP_QAM 256	14.91	-1.85	10.91	33.01	13.06	33.01	PASS
n77(355 0-3700)	15	30	637668	1@158	CP_QAM 256	15.02	-1.85	11.02	33.01	13.17	33.01	PASS
n77(355 0-3700)	15	30	641666	80@40	DFT_BP SK	21.60	-1.85	17.60	33.01	19.75	33.01	PASS
n77(355 0-3700)	15	30	641666	1@1	DFT_BP SK	21.77	-1.85	17.77	33.01	19.92	33.01	PASS
n77(355 0-3700)	15	30	641666	1@158	DFT_BP SK	21.33	-1.85	17.33	33.01	19.48	33.01	PASS
n77(355 0-3700)	15	30	641666	80@40	DFT_QP SK	21.62	-1.85	17.62	33.01	19.77	33.01	PASS
n77(355 0-3700)	15	30	641666	1@1	DFT_QP SK	21.63	-1.85	17.63	33.01	19.78	33.01	PASS
n77(355 0-3700)	15	30	641666	1@158	DFT_QP SK	21.24	-1.85	17.24	33.01	19.39	33.01	PASS
n77(355 0-3700)	15	30	641666	80@40	DFT_QA M16	20.69	-1.85	16.69	33.01	18.84	33.01	PASS
n77(355 0-3700)	15	30	641666	1@1	DFT_QA M16	20.90	-1.85	16.90	33.01	19.05	33.01	PASS
n77(355 0-3700)	15	30	641666	1@158	DFT_QA M16	20.53	-1.85	16.53	33.01	18.68	33.01	PASS
n77(355 0-3700)	15	30	641666	80@40	DFT_QA M64	19.09	-1.85	15.09	33.01	17.24	33.01	PASS
n77(355 0-3700)	15	30	641666	1@1	DFT_QA M64	19.68	-1.85	15.68	33.01	17.83	33.01	PASS



n77(355 0-3700)	15	30	641666	1@158	DFT_QA M64	18.93	-1.85	14.93	33.01	17.08	33.01	PASS
n77(355 0-3700)	15	30	641666	80@40	DFT_QA M256	17.14	-1.85	13.14	33.01	15.29	33.01	PASS
n77(355 0-3700)	15	30	641666	1@1	DFT_QA M256	17.40	-1.85	13.40	33.01	15.55	33.01	PASS
n77(355 0-3700)	15	30	641666	1@158	DFT_QA M256	17.28	-1.85	13.28	33.01	15.43	33.01	PASS
n77(355 0-3700)	15	30	641666	80@40	CP_QPS K	20.11	-1.85	16.11	33.01	18.26	33.01	PASS
n77(355 0-3700)	15	30	641666	1@1	CP_QPS K	20.26	-1.85	16.26	33.01	18.41	33.01	PASS
n77(355 0-3700)	15	30	641666	1@158	CP_QPS K	19.80	-1.85	15.80	33.01	17.95	33.01	PASS
n77(355 0-3700)	15	30	641666	80@40	CP_QAM 16	19.63	-1.85	15.63	33.01	17.78	33.01	PASS
n77(355 0-3700)	15	30	641666	1@1	CP_QAM 16	19.89	-1.85	15.89	33.01	18.04	33.01	PASS
n77(355 0-3700)	15	30	641666	1@158	CP_QAM 16	19.47	-1.85	15.47	33.01	17.62	33.01	PASS
n77(355 0-3700)	15	30	641666	80@40	CP_QAM 64	18.12	-1.85	14.12	33.01	16.27	33.01	PASS
n77(355 0-3700)	15	30	641666	1@1	CP_QAM 64	18.36	-1.85	14.36	33.01	16.51	33.01	PASS
n77(355 0-3700)	15	30	641666	1@158	CP_QAM 64	17.96	-1.85	13.96	33.01	16.11	33.01	PASS
n77(355 0-3700)	15	30	641666	80@40	CP_QAM 256	15.26	-1.85	11.26	33.01	13.41	33.01	PASS
n77(355 0-3700)	15	30	641666	1@1	CP_QAM 256	15.40	-1.85	11.40	33.01	13.55	33.01	PASS
n77(355 0-3700)	15	30	641666	1@158	CP_QAM 256	14.93	-1.85	10.93	33.01	13.08	33.01	PASS
n77(355 0-3700)	15	30	645666	80@40	DFT_BP SK	20.79	-1.85	16.79	33.01	18.94	33.01	PASS
n77(355 0-3700)	15	30	645666	1@1	DFT_BP SK	20.36	-1.85	16.36	33.01	18.51	33.01	PASS
n77(355 0-3700)	15	30	645666	1@158	DFT_BP SK	19.80	-1.85	15.80	33.01	17.95	33.01	PASS
n77(355 0-3700)	15	30	645666	80@40	DFT_QP SK	20.78	-1.85	16.78	33.01	18.93	33.01	PASS
n77(355 0-3700)	15	30	645666	1@1	DFT_QP SK	20.38	-1.85	16.38	33.01	18.53	33.01	PASS
n77(355 0-3700)	15	30	645666	1@158	DFT_QP SK	19.81	-1.85	15.81	33.01	17.96	33.01	PASS
n77(355 0-3700)	15	30	645666	80@40	DFT_QA M16	19.74	-1.85	15.74	33.01	17.89	33.01	PASS
n77(355 0-3700)	15	30	645666	1@1	DFT_QA M16	19.68	-1.85	15.68	33.01	17.83	33.01	PASS
n77(355 0-3700)	15	30	645666	1@158	DFT_QA M16	18.89	-1.85	14.89	33.01	17.04	33.01	PASS
n77(355 0-3700)	15	30	645666	80@40	DFT_QA M64	18.29	-1.85	14.29	33.01	16.44	33.01	PASS

n77(355 0-3700)	15	30	645666	1@1	DFT_QA M64	18.07	-1.85	14.07	33.01	16.22	33.01	PASS
n77(355 0-3700)	15	30	645666	1@158	DFT_QA M64	17.60	-1.85	13.60	33.01	15.75	33.01	PASS
n77(355 0-3700)	15	30	645666	80@40	DFT_QA M256	16.21	-1.85	12.21	33.01	14.36	33.01	PASS
n77(355 0-3700)	15	30	645666	1@1	DFT_QA M256	16.15	-1.85	12.15	33.01	14.30	33.01	PASS
n77(355 0-3700)	15	30	645666	1@158	DFT_QA M256	15.57	-1.85	11.57	33.01	13.72	33.01	PASS
n77(355 0-3700)	15	30	645666	80@40	CP_QPS K	19.25	-1.85	15.25	33.01	17.40	33.01	PASS
n77(355 0-3700)	15	30	645666	1@1	CP_QPS K	19.00	-1.85	15.00	33.01	17.15	33.01	PASS
n77(355 0-3700)	15	30	645666	1@158	CP_QPS K	18.41	-1.85	14.41	33.01	16.56	33.01	PASS
n77(355 0-3700)	15	30	645666	80@40	CP_QAM 16	18.76	-1.85	14.76	33.01	16.91	33.01	PASS
n77(355 0-3700)	15	30	645666	1@1	CP_QAM 16	18.54	-1.85	14.54	33.01	16.69	33.01	PASS
n77(355 0-3700)	15	30	645666	1@158	CP_QAM 16	18.11	-1.85	14.11	33.01	16.26	33.01	PASS
n77(355 0-3700)	15	30	645666	80@40	CP_QAM 64	17.23	-1.85	13.23	33.01	15.38	33.01	PASS
n77(355 0-3700)	15	30	645666	1@1	CP_QAM 64	17.06	-1.85	13.06	33.01	15.21	33.01	PASS
n77(355 0-3700)	15	30	645666	1@158	CP_QAM 64	16.53	-1.85	12.53	33.01	14.68	33.01	PASS
n77(355 0-3700)	15	30	645666	80@40	CP_QAM 256	14.46	-1.85	10.46	33.01	12.61	33.01	PASS
n77(355 0-3700)	15	30	645666	1@1	CP_QAM 256	14.10	-1.85	10.10	33.01	12.25	33.01	PASS
n77(355 0-3700)	15	30	645666	1@158	CP_QAM 256	13.57	-1.85	9.57	33.01	11.72	33.01	PASS
n77(355 0-3700)	15	40	638000	108@5 4	DFT_BP SK	22.05	-1.85	18.05	33.01	20.20	33.01	PASS
n77(355 0-3700)	15	40	638000	1@1	DFT_BP SK	21.35	-1.85	17.35	33.01	19.50	33.01	PASS
n77(355 0-3700)	15	40	638000	1@214	DFT_BP SK	21.40	-1.85	17.40	33.01	19.55	33.01	PASS
n77(355 0-3700)	15	40	638000	108@5 4	DFT_QP SK	22.04	-1.85	18.04	33.01	20.19	33.01	PASS
n77(355 0-3700)	15	40	638000	1@1	DFT_QP SK	21.27	-1.85	17.27	33.01	19.42	33.01	PASS
n77(355 0-3700)	15	40	638000	1@214	DFT_QP SK	21.40	-1.85	17.40	33.01	19.55	33.01	PASS
n77(355 0-3700)	15	40	638000	108@5 4	DFT_QA M16	21.09	-1.85	17.09	33.01	19.24	33.01	PASS
n77(355 0-3700)	15	40	638000	1@1	DFT_QA M16	20.38	-1.85	16.38	33.01	18.53	33.01	PASS
n77(355 0-3700)	15	40	638000	1@214	DFT_QA M16	20.83	-1.85	16.83	33.01	18.98	33.01	PASS

n77(355 0-3700)	15	40	638000	108@5 4	DFT_QA M64	19.54	-1.85	15.54	33.01	17.69	33.01	PASS
n77(355 0-3700)	15	40	638000	1@1	DFT_QA M64	19.12	-1.85	15.12	33.01	17.27	33.01	PASS
n77(355 0-3700)	15	40	638000	1@214	DFT_QA M64	19.46	-1.85	15.46	33.01	17.61	33.01	PASS
n77(355 0-3700)	15	40	638000	108@5 4	DFT_QA M256	17.62	-1.85	13.62	33.01	15.77	33.01	PASS
n77(355 0-3700)	15	40	638000	1@1	DFT_QA M256	17.11	-1.85	13.11	33.01	15.26	33.01	PASS
n77(355 0-3700)	15	40	638000	1@214	DFT_QA M256	17.35	-1.85	13.35	33.01	15.50	33.01	PASS
n77(355 0-3700)	15	40	638000	108@5 4	CP_QPS K	20.58	-1.85	16.58	33.01	18.73	33.01	PASS
n77(355 0-3700)	15	40	638000	1@1	CP_QPS K	19.89	-1.85	15.89	33.01	18.04	33.01	PASS
n77(355 0-3700)	15	40	638000	1@214	CP_QPS K	19.97	-1.85	15.97	33.01	18.12	33.01	PASS
n77(355 0-3700)	15	40	638000	108@5 4	CP_QAM 16	20.07	-1.85	16.07	33.01	18.22	33.01	PASS
n77(355 0-3700)	15	40	638000	1@1	CP_QAM 16	19.51	-1.85	15.51	33.01	17.66	33.01	PASS
n77(355 0-3700)	15	40	638000	1@214	CP_QAM 16	19.93	-1.85	15.93	33.01	18.08	33.01	PASS
n77(355 0-3700)	15	40	638000	108@5 4	CP_QAM 64	18.49	-1.85	14.49	33.01	16.64	33.01	PASS
n77(355 0-3700)	15	40	638000	1@1	CP_QAM 64	18.04	-1.85	14.04	33.01	16.19	33.01	PASS
n77(355 0-3700)	15	40	638000	1@214	CP_QAM 64	18.28	-1.85	14.28	33.01	16.43	33.01	PASS
n77(355 0-3700)	15	40	638000	108@5 4	CP_QAM 256	15.68	-1.85	11.68	33.01	13.83	33.01	PASS
n77(355 0-3700)	15	40	638000	1@1	CP_QAM 256	15.06	-1.85	11.06	33.01	13.21	33.01	PASS
n77(355 0-3700)	15	40	638000	1@214	CP_QAM 256	14.63	-1.85	10.63	33.01	12.78	33.01	PASS
n77(355 0-3700)	15	40	641666	108@5 4	DFT_BP SK	21.65	-1.85	17.65	33.01	19.80	33.01	PASS
n77(355 0-3700)	15	40	641666	1@1	DFT_BP SK	21.69	-1.85	17.69	33.01	19.84	33.01	PASS
n77(355 0-3700)	15	40	641666	1@214	DFT_BP SK	21.08	-1.85	17.08	33.01	19.23	33.01	PASS
n77(355 0-3700)	15	40	641666	108@5 4	DFT_QP SK	21.73	-1.85	17.73	33.01	19.88	33.01	PASS
n77(355 0-3700)	15	40	641666	1@1	DFT_QP SK	21.52	-1.85	17.52	33.01	19.67	33.01	PASS
n77(355 0-3700)	15	40	641666	1@214	DFT_QP SK	20.88	-1.85	16.88	33.01	19.03	33.01	PASS
n77(355 0-3700)	15	40	641666	108@5 4	DFT_QA M16	20.71	-1.85	16.71	33.01	18.86	33.01	PASS
n77(355 0-3700)	15	40	641666	1@1	DFT_QA M16	20.61	-1.85	16.61	33.01	18.76	33.01	PASS

n77(355 0-3700)	15	40	641666	1@214	DFT_QA M16	20.04	-1.85	16.04	33.01	18.19	33.01	PASS
n77(355 0-3700)	15	40	641666	108@5 4	DFT_QA M64	19.23	-1.85	15.23	33.01	17.38	33.01	PASS
n77(355 0-3700)	15	40	641666	1@1	DFT_QA M64	19.59	-1.85	15.59	33.01	17.74	33.01	PASS
n77(355 0-3700)	15	40	641666	1@214	DFT_QA M64	18.96	-1.85	14.96	33.01	17.11	33.01	PASS
n77(355 0-3700)	15	40	641666	108@5 4	DFT_QA M256	17.22	-1.85	13.22	33.01	15.37	33.01	PASS
n77(355 0-3700)	15	40	641666	1@1	DFT_QA M256	17.43	-1.85	13.43	33.01	15.58	33.01	PASS
n77(355 0-3700)	15	40	641666	1@214	DFT_QA M256	16.71	-1.85	12.71	33.01	14.86	33.01	PASS
n77(355 0-3700)	15	40	641666	108@5 4	CP_QPS K	20.10	-1.85	16.10	33.01	18.25	33.01	PASS
n77(355 0-3700)	15	40	641666	1@1	CP_QPS K	20.16	-1.85	16.16	33.01	18.31	33.01	PASS
n77(355 0-3700)	15	40	641666	1@214	CP_QPS K	19.58	-1.85	15.58	33.01	17.73	33.01	PASS
n77(355 0-3700)	15	40	641666	108@5 4	CP_QAM 16	19.70	-1.85	15.70	33.01	17.85	33.01	PASS
n77(355 0-3700)	15	40	641666	1@1	CP_QAM 16	19.81	-1.85	15.81	33.01	17.96	33.01	PASS
n77(355 0-3700)	15	40	641666	1@214	CP_QAM 16	19.36	-1.85	15.36	33.01	17.51	33.01	PASS
n77(355 0-3700)	15	40	641666	108@5 4	CP_QAM 64	18.16	-1.85	14.16	33.01	16.31	33.01	PASS
n77(355 0-3700)	15	40	641666	1@1	CP_QAM 64	18.34	-1.85	14.34	33.01	16.49	33.01	PASS
n77(355 0-3700)	15	40	641666	1@214	CP_QAM 64	17.74	-1.85	13.74	33.01	15.89	33.01	PASS
n77(355 0-3700)	15	40	641666	108@5 4	CP_QAM 256	15.31	-1.85	11.31	33.01	13.46	33.01	PASS
n77(355 0-3700)	15	40	641666	1@1	CP_QAM 256	15.36	-1.85	11.36	33.01	13.51	33.01	PASS
n77(355 0-3700)	15	40	641666	1@214	CP_QAM 256	14.13	-1.85	10.13	33.01	12.28	33.01	PASS
n77(355 0-3700)	15	40	645332	108@5 4	DFT_BP SK	20.85	-1.85	16.85	33.01	19.00	33.01	PASS
n77(355 0-3700)	15	40	645332	1@1	DFT_BP SK	20.14	-1.85	16.14	33.01	18.29	33.01	PASS
n77(355 0-3700)	15	40	645332	1@214	DFT_BP SK	19.72	-1.85	15.72	33.01	17.87	33.01	PASS
n77(355 0-3700)	15	40	645332	108@5 4	DFT_QP SK	20.80	-1.85	16.80	33.01	18.95	33.01	PASS
n77(355 0-3700)	15	40	645332	1@1	DFT_QP SK	20.07	-1.85	16.07	33.01	18.22	33.01	PASS
n77(355 0-3700)	15	40	645332	1@214	DFT_QP SK	19.53	-1.85	15.53	33.01	17.68	33.01	PASS
n77(355 0-3700)	15	40	645332	108@5 4	DFT_QA M16	19.84	-1.85	15.84	33.01	17.99	33.01	PASS

n77(355 0-3700)	15	40	645332	1@1	DFT_QA M16	19.38	-1.85	15.38	33.01	17.53	33.01	PASS
n77(355 0-3700)	15	40	645332	1@214	DFT_QA M16	18.88	-1.85	14.88	33.01	17.03	33.01	PASS
n77(355 0-3700)	15	40	645332	108@5 4	DFT_QA M64	18.23	-1.85	14.23	33.01	16.38	33.01	PASS
n77(355 0-3700)	15	40	645332	1@1	DFT_QA M64	17.86	-1.85	13.86	33.01	16.01	33.01	PASS
n77(355 0-3700)	15	40	645332	1@214	DFT_QA M64	17.35	-1.85	13.35	33.01	15.50	33.01	PASS
n77(355 0-3700)	15	40	645332	108@5 4	DFT_QA M256	16.27	-1.85	12.27	33.01	14.42	33.01	PASS
n77(355 0-3700)	15	40	645332	1@1	DFT_QA M256	16.06	-1.85	12.06	33.01	14.21	33.01	PASS
n77(355 0-3700)	15	40	645332	1@214	DFT_QA M256	15.52	-1.85	11.52	33.01	13.67	33.01	PASS
n77(355 0-3700)	15	40	645332	108@5 4	CP_QPS K	19.25	-1.85	15.25	33.01	17.40	33.01	PASS
n77(355 0-3700)	15	40	645332	1@1	CP_QPS K	18.70	-1.85	14.70	33.01	16.85	33.01	PASS
n77(355 0-3700)	15	40	645332	1@214	CP_QPS K	18.14	-1.85	14.14	33.01	16.29	33.01	PASS
n77(355 0-3700)	15	40	645332	108@5 4	CP_QAM 16	18.83	-1.85	14.83	33.01	16.98	33.01	PASS
n77(355 0-3700)	15	40	645332	1@1	CP_QAM 16	18.50	-1.85	14.50	33.01	16.65	33.01	PASS
n77(355 0-3700)	15	40	645332	1@214	CP_QAM 16	18.10	-1.85	14.10	33.01	16.25	33.01	PASS
n77(355 0-3700)	15	40	645332	108@5 4	CP_QAM 64	17.28	-1.85	13.28	33.01	15.43	33.01	PASS
n77(355 0-3700)	15	40	645332	1@1	CP_QAM 64	16.82	-1.85	12.82	33.01	14.97	33.01	PASS
n77(355 0-3700)	15	40	645332	1@214	CP_QAM 64	16.35	-1.85	12.35	33.01	14.50	33.01	PASS
n77(355 0-3700)	15	40	645332	108@5 4	CP_QAM 256	14.44	-1.85	10.44	33.01	12.59	33.01	PASS
n77(355 0-3700)	15	40	645332	1@1	CP_QAM 256	13.86	-1.85	9.86	33.01	12.01	33.01	PASS
n77(355 0-3700)	15	40	645332	1@214	CP_QAM 256	13.03	-1.85	9.03	33.01	11.18	33.01	PASS
n77(355 0-3700)	15	50	638334	135@6 7	DFT_BP SK	22.15	-1.85	18.15	33.01	20.30	33.01	PASS
n77(355 0-3700)	15	50	638334	1@1	DFT_BP SK	21.71	-1.85	17.71	33.01	19.86	33.01	PASS
n77(355 0-3700)	15	50	638334	1@268	DFT_BP SK	22.00	-1.85	18.00	33.01	20.15	33.01	PASS
n77(355 0-3700)	15	50	638334	135@6 7	DFT_QP SK	22.16	-1.85	18.16	33.01	20.31	33.01	PASS
n77(355 0-3700)	15	50	638334	1@1	DFT_QP SK	21.66	-1.85	17.66	33.01	19.81	33.01	PASS
n77(355 0-3700)	15	50	638334	1@268	DFT_QP SK	21.95	-1.85	17.95	33.01	20.10	33.01	PASS

n77(355 0-3700)	15	50	638334	135@6 7	DFT_QA M16	21.12	-1.85	17.12	33.01	19.27	33.01	PASS
n77(355 0-3700)	15	50	638334	1@1	DFT_QA M16	21.02	-1.85	17.02	33.01	19.17	33.01	PASS
n77(355 0-3700)	15	50	638334	1@268	DFT_QA M16	21.40	-1.85	17.40	33.01	19.55	33.01	PASS
n77(355 0-3700)	15	50	638334	135@6 7	DFT_QA M64	19.63	-1.85	15.63	33.01	17.78	33.01	PASS
n77(355 0-3700)	15	50	638334	1@1	DFT_QA M64	19.39	-1.85	15.39	33.01	17.54	33.01	PASS
n77(355 0-3700)	15	50	638334	1@268	DFT_QA M64	19.90	-1.85	15.90	33.01	18.05	33.01	PASS
n77(355 0-3700)	15	50	638334	135@6 7	DFT_QA M256	17.61	-1.85	13.61	33.01	15.76	33.01	PASS
n77(355 0-3700)	15	50	638334	1@1	DFT_QA M256	17.52	-1.85	13.52	33.01	15.67	33.01	PASS
n77(355 0-3700)	15	50	638334	1@268	DFT_QA M256	17.75	-1.85	13.75	33.01	15.90	33.01	PASS
n77(355 0-3700)	15	50	638334	135@6 7	CP_QPS K	20.63	-1.85	16.63	33.01	18.78	33.01	PASS
n77(355 0-3700)	15	50	638334	1@1	CP_QPS K	20.24	-1.85	16.24	33.01	18.39	33.01	PASS
n77(355 0-3700)	15	50	638334	1@268	CP_QPS K	20.37	-1.85	16.37	33.01	18.52	33.01	PASS
n77(355 0-3700)	15	50	638334	135@6 7	CP_QAM 16	20.11	-1.85	16.11	33.01	18.26	33.01	PASS
n77(355 0-3700)	15	50	638334	1@1	CP_QAM 16	19.75	-1.85	15.75	33.01	17.90	33.01	PASS
n77(355 0-3700)	15	50	638334	1@268	CP_QAM 16	20.11	-1.85	16.11	33.01	18.26	33.01	PASS
n77(355 0-3700)	15	50	638334	135@6 7	CP_QAM 64	18.63	-1.85	14.63	33.01	16.78	33.01	PASS
n77(355 0-3700)	15	50	638334	1@1	CP_QAM 64	18.31	-1.85	14.31	33.01	16.46	33.01	PASS
n77(355 0-3700)	15	50	638334	1@268	CP_QAM 64	18.56	-1.85	14.56	33.01	16.71	33.01	PASS
n77(355 0-3700)	15	50	638334	135@6 7	CP_QAM 256	15.77	-1.85	11.77	33.01	13.92	33.01	PASS
n77(355 0-3700)	15	50	638334	1@1	CP_QAM 256	15.40	-1.85	11.40	33.01	13.55	33.01	PASS
n77(355 0-3700)	15	50	638334	1@268	CP_QAM 256	15.38	-1.85	11.38	33.01	13.53	33.01	PASS
n77(355 0-3700)	15	50	641666	135@6 7	DFT_BP SK	21.71	-1.85	17.71	33.01	19.86	33.01	PASS
n77(355 0-3700)	15	50	641666	1@1	DFT_BP SK	22.04	-1.85	18.04	33.01	20.19	33.01	PASS
n77(355 0-3700)	15	50	641666	1@268	DFT_BP SK	21.15	-1.85	17.15	33.01	19.30	33.01	PASS
n77(355 0-3700)	15	50	641666	135@6 7	DFT_QP SK	21.68	-1.85	17.68	33.01	19.83	33.01	PASS
n77(355 0-3700)	15	50	641666	1@1	DFT_QP SK	21.88	-1.85	17.88	33.01	20.03	33.01	PASS

n77(355 0-3700)	15	50	641666	1@268	DFT_QP SK	21.05	-1.85	17.05	33.01	19.20	33.01	PASS
n77(355 0-3700)	15	50	641666	135@6 7	DFT_QA M16	20.74	-1.85	16.74	33.01	18.89	33.01	PASS
n77(355 0-3700)	15	50	641666	1@1	DFT_QA M16	21.38	-1.85	17.38	33.01	19.53	33.01	PASS
n77(355 0-3700)	15	50	641666	1@268	DFT_QA M16	20.38	-1.85	16.38	33.01	18.53	33.01	PASS
n77(355 0-3700)	15	50	641666	135@6 7	DFT_QA M64	19.21	-1.85	15.21	33.01	17.36	33.01	PASS
n77(355 0-3700)	15	50	641666	1@1	DFT_QA M64	19.88	-1.85	15.88	33.01	18.03	33.01	PASS
n77(355 0-3700)	15	50	641666	1@268	DFT_QA M64	19.02	-1.85	15.02	33.01	17.17	33.01	PASS
n77(355 0-3700)	15	50	641666	135@6 7	DFT_QA M256	17.21	-1.85	13.21	33.01	15.36	33.01	PASS
n77(355 0-3700)	15	50	641666	1@1	DFT_QA M256	17.62	-1.85	13.62	33.01	15.77	33.01	PASS
n77(355 0-3700)	15	50	641666	1@268	DFT_QA M256	16.78	-1.85	12.78	33.01	14.93	33.01	PASS
n77(355 0-3700)	15	50	641666	135@6 7	CP_QPS K	20.17	-1.85	16.17	33.01	18.32	33.01	PASS
n77(355 0-3700)	15	50	641666	1@1	CP_QPS K	20.49	-1.85	16.49	33.01	18.64	33.01	PASS
n77(355 0-3700)	15	50	641666	1@268	CP_QPS K	19.64	-1.85	15.64	33.01	17.79	33.01	PASS
n77(355 0-3700)	15	50	641666	135@6 7	CP_QAM 16	19.76	-1.85	15.76	33.01	17.91	33.01	PASS
n77(355 0-3700)	15	50	641666	1@1	CP_QAM 16	19.98	-1.85	15.98	33.01	18.13	33.01	PASS
n77(355 0-3700)	15	50	641666	1@268	CP_QAM 16	19.15	-1.85	15.15	33.01	17.30	33.01	PASS
n77(355 0-3700)	15	50	641666	135@6 7	CP_QAM 64	18.14	-1.85	14.14	33.01	16.29	33.01	PASS
n77(355 0-3700)	15	50	641666	1@1	CP_QAM 64	18.52	-1.85	14.52	33.01	16.67	33.01	PASS
n77(355 0-3700)	15	50	641666	1@268	CP_QAM 64	17.62	-1.85	13.62	33.01	15.77	33.01	PASS
n77(355 0-3700)	15	50	641666	135@6 7	CP_QAM 256	15.36	-1.85	11.36	33.01	13.51	33.01	PASS
n77(355 0-3700)	15	50	641666	1@1	CP_QAM 256	15.27	-1.85	11.27	33.01	13.42	33.01	PASS
n77(355 0-3700)	15	50	641666	1@268	CP_QAM 256	14.56	-1.85	10.56	33.01	12.71	33.01	PASS
n77(355 0-3700)	15	50	645000	135@6 7	DFT_BP SK	20.80	-1.85	16.80	33.01	18.95	33.01	PASS
n77(355 0-3700)	15	50	645000	1@1	DFT_BP SK	20.96	-1.85	16.96	33.01	19.11	33.01	PASS
n77(355 0-3700)	15	50	645000	1@268	DFT_BP SK	20.03	-1.85	16.03	33.01	18.18	33.01	PASS
n77(355 0-3700)	15	50	645000	135@6 7	DFT_QP SK	20.85	-1.85	16.85	33.01	19.00	33.01	PASS

n77(355 0-3700)	15	50	645000	1@1	DFT_QP SK	20.92	-1.85	16.92	33.01	19.07	33.01	PASS
n77(355 0-3700)	15	50	645000	1@268	DFT_QP SK	19.83	-1.85	15.83	33.01	17.98	33.01	PASS
n77(355 0-3700)	15	50	645000	135@6 7	DFT_QA M16	19.89	-1.85	15.89	33.01	18.04	33.01	PASS
n77(355 0-3700)	15	50	645000	1@1	DFT_QA M16	20.18	-1.85	16.18	33.01	18.33	33.01	PASS
n77(355 0-3700)	15	50	645000	1@268	DFT_QA M16	19.16	-1.85	15.16	33.01	17.31	33.01	PASS
n77(355 0-3700)	15	50	645000	135@6 7	DFT_QA M64	18.40	-1.85	14.40	33.01	16.55	33.01	PASS
n77(355 0-3700)	15	50	645000	1@1	DFT_QA M64	18.69	-1.85	14.69	33.01	16.84	33.01	PASS
n77(355 0-3700)	15	50	645000	1@268	DFT_QA M64	17.60	-1.85	13.60	33.01	15.75	33.01	PASS
n77(355 0-3700)	15	50	645000	135@6 7	DFT_QA M256	16.30	-1.85	12.30	33.01	14.45	33.01	PASS
n77(355 0-3700)	15	50	645000	1@1	DFT_QA M256	16.85	-1.85	12.85	33.01	15.00	33.01	PASS
n77(355 0-3700)	15	50	645000	1@268	DFT_QA M256	15.83	-1.85	11.83	33.01	13.98	33.01	PASS
n77(355 0-3700)	15	50	645000	135@6 7	CP_QPS K	19.33	-1.85	15.33	33.01	17.48	33.01	PASS
n77(355 0-3700)	15	50	645000	1@1	CP_QPS K	19.50	-1.85	15.50	33.01	17.65	33.01	PASS
n77(355 0-3700)	15	50	645000	1@268	CP_QPS K	18.56	-1.85	14.56	33.01	16.71	33.01	PASS
n77(355 0-3700)	15	50	645000	135@6 7	CP_QAM 16	18.79	-1.85	14.79	33.01	16.94	33.01	PASS
n77(355 0-3700)	15	50	645000	1@1	CP_QAM 16	19.08	-1.85	15.08	33.01	17.23	33.01	PASS
n77(355 0-3700)	15	50	645000	1@268	CP_QAM 16	18.39	-1.85	14.39	33.01	16.54	33.01	PASS
n77(355 0-3700)	15	50	645000	135@6 7	CP_QAM 64	17.26	-1.85	13.26	33.01	15.41	33.01	PASS
n77(355 0-3700)	15	50	645000	1@1	CP_QAM 64	17.65	-1.85	13.65	33.01	15.80	33.01	PASS
n77(355 0-3700)	15	50	645000	1@268	CP_QAM 64	16.64	-1.85	12.64	33.01	14.79	33.01	PASS
n77(355 0-3700)	15	50	645000	135@6 7	CP_QAM 256	14.42	-1.85	10.42	33.01	12.57	33.01	PASS
n77(355 0-3700)	15	50	645000	1@1	CP_QAM 256	14.42	-1.85	10.42	33.01	12.57	33.01	PASS
n77(355 0-3700)	15	50	645000	1@268	CP_QAM 256	13.35	-1.85	9.35	33.01	11.50	33.01	PASS



Appendix 5G NR -n77 - SCS 15KHz(3700-3980)

1 Conducted output power for NR FR1

Band	SCS (kHz)	Band width (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n77(3700-3980)	15	10	647000	25@12	DFT_BPSK	22.96	-1.85	18.96	33.01	21.11	33.01	PASS
n77(3700-3980)	15	10	647000	1@1	DFT_BPSK	22.97	-1.85	18.97	33.01	21.12	33.01	PASS
n77(3700-3980)	15	10	647000	1@50	DFT_BPSK	22.90	-1.85	18.90	33.01	21.05	33.01	PASS
n77(3700-3980)	15	10	647000	25@12	DFT_QPSK	22.91	-1.85	18.91	33.01	21.06	33.01	PASS
n77(3700-3980)	15	10	647000	1@1	DFT_QPSK	22.81	-1.85	18.81	33.01	20.96	33.01	PASS
n77(3700-3980)	15	10	647000	1@50	DFT_QPSK	22.75	-1.85	18.75	33.01	20.90	33.01	PASS
n77(3700-3980)	15	10	647000	25@12	DFT_QAM16	21.94	-1.85	17.94	33.01	20.09	33.01	PASS
n77(3700-3980)	15	10	647000	1@1	DFT_QAM16	21.89	-1.85	17.89	33.01	20.04	33.01	PASS
n77(3700-3980)	15	10	647000	1@50	DFT_QAM16	21.75	-1.85	17.75	33.01	19.90	33.01	PASS
n77(3700-3980)	15	10	647000	25@12	DFT_QAM64	20.57	-1.85	16.57	33.01	18.72	33.01	PASS
n77(3700-3980)	15	10	647000	1@1	DFT_QAM64	20.52	-1.85	16.52	33.01	18.67	33.01	PASS
n77(3700-3980)	15	10	647000	1@50	DFT_QAM64	20.59	-1.85	16.59	33.01	18.74	33.01	PASS
n77(3700-3980)	15	10	647000	25@12	DFT_QAM256	18.55	-1.85	14.55	33.01	16.70	33.01	PASS
n77(3700-3980)	15	10	647000	1@1	DFT_QAM256	18.80	-1.85	14.80	33.01	16.95	33.01	PASS
n77(3700-3980)	15	10	647000	1@50	DFT_QAM256	18.82	-1.85	14.82	33.01	16.97	33.01	PASS
n77(3700-3980)	15	10	647000	26@13	CP_QPSK	21.46	-1.85	17.46	33.01	19.61	33.01	PASS
n77(3700-3980)	15	10	647000	1@1	CP_QPSK	21.46	-1.85	17.46	33.01	19.61	33.01	PASS
n77(3700-3980)	15	10	647000	1@50	CP_QPSK	21.38	-1.85	17.38	33.01	19.53	33.01	PASS
n77(3700-3980)	15	10	647000	26@13	CP_QAM16	20.99	-1.85	16.99	33.01	19.14	33.01	PASS
n77(3700-3980)	15	10	647000	1@1	CP_QAM16	21.48	-1.85	17.48	33.01	19.63	33.01	PASS
n77(3700-3980)	15	10	647000	1@50	CP_QAM16	21.39	-1.85	17.39	33.01	19.54	33.01	PASS

n77(370 0-3980)	15	10	647000	26@13	CP_QAM 64	19.53	-1.85	15.53	33.01	17.68	33.01	PASS
n77(370 0-3980)	15	10	647000	1@1	CP_QAM 64	19.48	-1.85	15.48	33.01	17.63	33.01	PASS
n77(370 0-3980)	15	10	647000	1@50	CP_QAM 64	19.43	-1.85	15.43	33.01	17.58	33.01	PASS
n77(370 0-3980)	15	10	647000	26@13	CP_QAM 256	16.50	-1.85	12.50	33.01	14.65	33.01	PASS
n77(370 0-3980)	15	10	647000	1@1	CP_QAM 256	16.51	-1.85	12.51	33.01	14.66	33.01	PASS
n77(370 0-3980)	15	10	647000	1@50	CP_QAM 256	16.55	-1.85	12.55	33.01	14.70	33.01	PASS
n77(370 0-3980)	15	10	656000	25@12	DFT_BP SK	22.24	-1.85	18.24	33.01	20.39	33.01	PASS
n77(370 0-3980)	15	10	656000	1@1	DFT_BP SK	22.30	-1.85	18.30	33.01	20.45	33.01	PASS
n77(370 0-3980)	15	10	656000	1@50	DFT_BP SK	22.12	-1.85	18.12	33.01	20.27	33.01	PASS
n77(370 0-3980)	15	10	656000	25@12	DFT_QP SK	22.22	-1.85	18.22	33.01	20.37	33.01	PASS
n77(370 0-3980)	15	10	656000	1@1	DFT_QP SK	22.11	-1.85	18.11	33.01	20.26	33.01	PASS
n77(370 0-3980)	15	10	656000	1@50	DFT_QP SK	22.02	-1.85	18.02	33.01	20.17	33.01	PASS
n77(370 0-3980)	15	10	656000	25@12	DFT_QA M16	21.17	-1.85	17.17	33.01	19.32	33.01	PASS
n77(370 0-3980)	15	10	656000	1@1	DFT_QA M16	21.48	-1.85	17.48	33.01	19.63	33.01	PASS
n77(370 0-3980)	15	10	656000	1@50	DFT_QA M16	21.43	-1.85	17.43	33.01	19.58	33.01	PASS
n77(370 0-3980)	15	10	656000	25@12	DFT_QA M64	19.91	-1.85	15.91	33.01	18.06	33.01	PASS
n77(370 0-3980)	15	10	656000	1@1	DFT_QA M64	19.98	-1.85	15.98	33.01	18.13	33.01	PASS
n77(370 0-3980)	15	10	656000	1@50	DFT_QA M64	19.62	-1.85	15.62	33.01	17.77	33.01	PASS
n77(370 0-3980)	15	10	656000	25@12	DFT_QA M256	17.85	-1.85	13.85	33.01	16.00	33.01	PASS
n77(370 0-3980)	15	10	656000	1@1	DFT_QA M256	18.22	-1.85	14.22	33.01	16.37	33.01	PASS
n77(370 0-3980)	15	10	656000	1@50	DFT_QA M256	17.68	-1.85	13.68	33.01	15.83	33.01	PASS
n77(370 0-3980)	15	10	656000	26@13	CP_QPS K	20.66	-1.85	16.66	33.01	18.81	33.01	PASS
n77(370 0-3980)	15	10	656000	1@1	CP_QPS K	20.69	-1.85	16.69	33.01	18.84	33.01	PASS
n77(370 0-3980)	15	10	656000	1@50	CP_QPS K	20.63	-1.85	16.63	33.01	18.78	33.01	PASS
n77(370 0-3980)	15	10	656000	26@13	CP_QAM 16	20.22	-1.85	16.22	33.01	18.37	33.01	PASS
n77(370 0-3980)	15	10	656000	1@1	CP_QAM 16	20.79	-1.85	16.79	33.01	18.94	33.01	PASS

n77(370 0-3980)	15	10	656000	1@50	CP_QAM 16	20.75	-1.85	16.75	33.01	18.90	33.01	PASS
n77(370 0-3980)	15	10	656000	26@13	CP_QAM 64	18.79	-1.85	14.79	33.01	16.94	33.01	PASS
n77(370 0-3980)	15	10	656000	1@1	CP_QAM 64	18.71	-1.85	14.71	33.01	16.86	33.01	PASS
n77(370 0-3980)	15	10	656000	1@50	CP_QAM 64	18.65	-1.85	14.65	33.01	16.80	33.01	PASS
n77(370 0-3980)	15	10	656000	26@13	CP_QAM 256	15.93	-1.85	11.93	33.01	14.08	33.01	PASS
n77(370 0-3980)	15	10	656000	1@1	CP_QAM 256	16.21	-1.85	12.21	33.01	14.36	33.01	PASS
n77(370 0-3980)	15	10	656000	1@50	CP_QAM 256	15.75	-1.85	11.75	33.01	13.90	33.01	PASS
n77(370 0-3980)	15	10	665000	25@12	DFT_BP SK	22.72	-1.85	18.72	33.01	20.87	33.01	PASS
n77(370 0-3980)	15	10	665000	1@1	DFT_BP SK	22.69	-1.85	18.69	33.01	20.84	33.01	PASS
n77(370 0-3980)	15	10	665000	1@50	DFT_BP SK	22.88	-1.85	18.88	33.01	21.03	33.01	PASS
n77(370 0-3980)	15	10	665000	25@12	DFT_QP SK	22.81	-1.85	18.81	33.01	20.96	33.01	PASS
n77(370 0-3980)	15	10	665000	1@1	DFT_QP SK	22.58	-1.85	18.58	33.01	20.73	33.01	PASS
n77(370 0-3980)	15	10	665000	1@50	DFT_QP SK	22.75	-1.85	18.75	33.01	20.90	33.01	PASS
n77(370 0-3980)	15	10	665000	25@12	DFT_QA M16	21.71	-1.85	17.71	33.01	19.86	33.01	PASS
n77(370 0-3980)	15	10	665000	1@1	DFT_QA M16	21.95	-1.85	17.95	33.01	20.10	33.01	PASS
n77(370 0-3980)	15	10	665000	1@50	DFT_QA M16	21.74	-1.85	17.74	33.01	19.89	33.01	PASS
n77(370 0-3980)	15	10	665000	25@12	DFT_QA M64	20.50	-1.85	16.50	33.01	18.65	33.01	PASS
n77(370 0-3980)	15	10	665000	1@1	DFT_QA M64	20.42	-1.85	16.42	33.01	18.57	33.01	PASS
n77(370 0-3980)	15	10	665000	1@50	DFT_QA M64	20.68	-1.85	16.68	33.01	18.83	33.01	PASS
n77(370 0-3980)	15	10	665000	25@12	DFT_QA M256	18.35	-1.85	14.35	33.01	16.50	33.01	PASS
n77(370 0-3980)	15	10	665000	1@1	DFT_QA M256	18.31	-1.85	14.31	33.01	16.46	33.01	PASS
n77(370 0-3980)	15	10	665000	1@50	DFT_QA M256	18.52	-1.85	14.52	33.01	16.67	33.01	PASS
n77(370 0-3980)	15	10	665000	26@13	CP_QPS K	21.22	-1.85	17.22	33.01	19.37	33.01	PASS
n77(370 0-3980)	15	10	665000	1@1	CP_QPS K	21.24	-1.85	17.24	33.01	19.39	33.01	PASS
n77(370 0-3980)	15	10	665000	1@50	CP_QPS K	21.43	-1.85	17.43	33.01	19.58	33.01	PASS
n77(370 0-3980)	15	10	665000	26@13	CP_QAM 16	20.76	-1.85	16.76	33.01	18.91	33.01	PASS

n77(370 0-3980)	15	10	665000	1@1	CP_QAM 16	21.20	-1.85	17.20	33.01	19.35	33.01	PASS
n77(370 0-3980)	15	10	665000	1@50	CP_QAM 16	21.37	-1.85	17.37	33.01	19.52	33.01	PASS
n77(370 0-3980)	15	10	665000	26@13	CP_QAM 64	19.31	-1.85	15.31	33.01	17.46	33.01	PASS
n77(370 0-3980)	15	10	665000	1@1	CP_QAM 64	19.14	-1.85	15.14	33.01	17.29	33.01	PASS
n77(370 0-3980)	15	10	665000	1@50	CP_QAM 64	19.40	-1.85	15.40	33.01	17.55	33.01	PASS
n77(370 0-3980)	15	10	665000	26@13	CP_QAM 256	16.55	-1.85	12.55	33.01	14.70	33.01	PASS
n77(370 0-3980)	15	10	665000	1@1	CP_QAM 256	16.76	-1.85	12.76	33.01	14.91	33.01	PASS
n77(370 0-3980)	15	10	665000	1@50	CP_QAM 256	16.51	-1.85	12.51	33.01	14.66	33.01	PASS
n77(370 0-3980)	15	15	647168	36@18	DFT_BP SK	23.16	-1.85	19.16	33.01	21.31	33.01	PASS
n77(370 0-3980)	15	15	647168	1@1	DFT_BP SK	23.03	-1.85	19.03	33.01	21.18	33.01	PASS
n77(370 0-3980)	15	15	647168	1@77	DFT_BP SK	23.00	-1.85	19.00	33.01	21.15	33.01	PASS
n77(370 0-3980)	15	15	647168	36@18	DFT_QP SK	23.12	-1.85	19.12	33.01	21.27	33.01	PASS
n77(370 0-3980)	15	15	647168	1@1	DFT_QP SK	22.98	-1.85	18.98	33.01	21.13	33.01	PASS
n77(370 0-3980)	15	15	647168	1@77	DFT_QP SK	22.85	-1.85	18.85	33.01	21.00	33.01	PASS
n77(370 0-3980)	15	15	647168	36@18	DFT_QA M16	22.02	-1.85	18.02	33.01	20.17	33.01	PASS
n77(370 0-3980)	15	15	647168	1@1	DFT_QA M16	22.42	-1.85	18.42	33.01	20.57	33.01	PASS
n77(370 0-3980)	15	15	647168	1@77	DFT_QA M16	22.44	-1.85	18.44	33.01	20.59	33.01	PASS
n77(370 0-3980)	15	15	647168	36@18	DFT_QA M64	20.68	-1.85	16.68	33.01	18.83	33.01	PASS
n77(370 0-3980)	15	15	647168	1@1	DFT_QA M64	20.66	-1.85	16.66	33.01	18.81	33.01	PASS
n77(370 0-3980)	15	15	647168	1@77	DFT_QA M64	20.72	-1.85	16.72	33.01	18.87	33.01	PASS
n77(370 0-3980)	15	15	647168	36@18	DFT_QA M256	18.72	-1.85	14.72	33.01	16.87	33.01	PASS
n77(370 0-3980)	15	15	647168	1@1	DFT_QA M256	19.03	-1.85	15.03	33.01	17.18	33.01	PASS
n77(370 0-3980)	15	15	647168	1@77	DFT_QA M256	18.95	-1.85	14.95	33.01	17.10	33.01	PASS
n77(370 0-3980)	15	15	647168	39@19	CP_QPS K	21.60	-1.85	17.60	33.01	19.75	33.01	PASS
n77(370 0-3980)	15	15	647168	1@1	CP_QPS K	21.55	-1.85	17.55	33.01	19.70	33.01	PASS
n77(370 0-3980)	15	15	647168	1@77	CP_QPS K	21.49	-1.85	17.49	33.01	19.64	33.01	PASS

n77(370 0-3980)	15	15	647168	39@19	CP_QAM 16	21.08	-1.85	17.08	33.01	19.23	33.01	PASS
n77(370 0-3980)	15	15	647168	1@1	CP_QAM 16	21.18	-1.85	17.18	33.01	19.33	33.01	PASS
n77(370 0-3980)	15	15	647168	1@77	CP_QAM 16	21.03	-1.85	17.03	33.01	19.18	33.01	PASS
n77(370 0-3980)	15	15	647168	39@19	CP_QAM 64	19.68	-1.85	15.68	33.01	17.83	33.01	PASS
n77(370 0-3980)	15	15	647168	1@1	CP_QAM 64	19.48	-1.85	15.48	33.01	17.63	33.01	PASS
n77(370 0-3980)	15	15	647168	1@77	CP_QAM 64	19.44	-1.85	15.44	33.01	17.59	33.01	PASS
n77(370 0-3980)	15	15	647168	39@19	CP_QAM 256	16.70	-1.85	12.70	33.01	14.85	33.01	PASS
n77(370 0-3980)	15	15	647168	1@1	CP_QAM 256	16.64	-1.85	12.64	33.01	14.79	33.01	PASS
n77(370 0-3980)	15	15	647168	1@77	CP_QAM 256	17.07	-1.85	13.07	33.01	15.22	33.01	PASS
n77(370 0-3980)	15	15	656000	36@18	DFT_BP SK	22.40	-1.85	18.40	33.01	20.55	33.01	PASS
n77(370 0-3980)	15	15	656000	1@1	DFT_BP SK	22.24	-1.85	18.24	33.01	20.39	33.01	PASS
n77(370 0-3980)	15	15	656000	1@77	DFT_BP SK	22.14	-1.85	18.14	33.01	20.29	33.01	PASS
n77(370 0-3980)	15	15	656000	36@18	DFT_QP SK	22.42	-1.85	18.42	33.01	20.57	33.01	PASS
n77(370 0-3980)	15	15	656000	1@1	DFT_QP SK	22.25	-1.85	18.25	33.01	20.40	33.01	PASS
n77(370 0-3980)	15	15	656000	1@77	DFT_QP SK	22.10	-1.85	18.10	33.01	20.25	33.01	PASS
n77(370 0-3980)	15	15	656000	36@18	DFT_QA M16	21.35	-1.85	17.35	33.01	19.50	33.01	PASS
n77(370 0-3980)	15	15	656000	1@1	DFT_QA M16	21.74	-1.85	17.74	33.01	19.89	33.01	PASS
n77(370 0-3980)	15	15	656000	1@77	DFT_QA M16	21.59	-1.85	17.59	33.01	19.74	33.01	PASS
n77(370 0-3980)	15	15	656000	36@18	DFT_QA M64	20.03	-1.85	16.03	33.01	18.18	33.01	PASS
n77(370 0-3980)	15	15	656000	1@1	DFT_QA M64	19.74	-1.85	15.74	33.01	17.89	33.01	PASS
n77(370 0-3980)	15	15	656000	1@77	DFT_QA M64	19.65	-1.85	15.65	33.01	17.80	33.01	PASS
n77(370 0-3980)	15	15	656000	36@18	DFT_QA M256	18.12	-1.85	14.12	33.01	16.27	33.01	PASS
n77(370 0-3980)	15	15	656000	1@1	DFT_QA M256	17.85	-1.85	13.85	33.01	16.00	33.01	PASS
n77(370 0-3980)	15	15	656000	1@77	DFT_QA M256	18.15	-1.85	14.15	33.01	16.30	33.01	PASS
n77(370 0-3980)	15	15	656000	39@19	CP_QPS K	20.85	-1.85	16.85	33.01	19.00	33.01	PASS
n77(370 0-3980)	15	15	656000	1@1	CP_QPS K	20.70	-1.85	16.70	33.01	18.85	33.01	PASS

n77(370 0-3980)	15	15	656000	1@77	CP_QPS K	20.58	-1.85	16.58	33.01	18.73	33.01	PASS
n77(370 0-3980)	15	15	656000	39@19	CP_QAM 16	20.39	-1.85	16.39	33.01	18.54	33.01	PASS
n77(370 0-3980)	15	15	656000	1@1	CP_QAM 16	20.30	-1.85	16.30	33.01	18.45	33.01	PASS
n77(370 0-3980)	15	15	656000	1@77	CP_QAM 16	20.35	-1.85	16.35	33.01	18.50	33.01	PASS
n77(370 0-3980)	15	15	656000	39@19	CP_QAM 64	19.00	-1.85	15.00	33.01	17.15	33.01	PASS
n77(370 0-3980)	15	15	656000	1@1	CP_QAM 64	18.76	-1.85	14.76	33.01	16.91	33.01	PASS
n77(370 0-3980)	15	15	656000	1@77	CP_QAM 64	18.77	-1.85	14.77	33.01	16.92	33.01	PASS
n77(370 0-3980)	15	15	656000	39@19	CP_QAM 256	15.98	-1.85	11.98	33.01	14.13	33.01	PASS
n77(370 0-3980)	15	15	656000	1@1	CP_QAM 256	15.90	-1.85	11.90	33.01	14.05	33.01	PASS
n77(370 0-3980)	15	15	656000	1@77	CP_QAM 256	16.16	-1.85	12.16	33.01	14.31	33.01	PASS
n77(370 0-3980)	15	15	664832	36@18	DFT_BP SK	22.85	-1.85	18.85	33.01	21.00	33.01	PASS
n77(370 0-3980)	15	15	664832	1@1	DFT_BP SK	22.51	-1.85	18.51	33.01	20.66	33.01	PASS
n77(370 0-3980)	15	15	664832	1@77	DFT_BP SK	22.95	-1.85	18.95	33.01	21.10	33.01	PASS
n77(370 0-3980)	15	15	664832	36@18	DFT_QP SK	22.85	-1.85	18.85	33.01	21.00	33.01	PASS
n77(370 0-3980)	15	15	664832	1@1	DFT_QP SK	22.69	-1.85	18.69	33.01	20.84	33.01	PASS
n77(370 0-3980)	15	15	664832	1@77	DFT_QP SK	22.84	-1.85	18.84	33.01	20.99	33.01	PASS
n77(370 0-3980)	15	15	664832	36@18	DFT_QA M16	21.80	-1.85	17.80	33.01	19.95	33.01	PASS
n77(370 0-3980)	15	15	664832	1@1	DFT_QA M16	22.14	-1.85	18.14	33.01	20.29	33.01	PASS
n77(370 0-3980)	15	15	664832	1@77	DFT_QA M16	22.30	-1.85	18.30	33.01	20.45	33.01	PASS
n77(370 0-3980)	15	15	664832	36@18	DFT_QA M64	20.34	-1.85	16.34	33.01	18.49	33.01	PASS
n77(370 0-3980)	15	15	664832	1@1	DFT_QA M64	20.23	-1.85	16.23	33.01	18.38	33.01	PASS
n77(370 0-3980)	15	15	664832	1@77	DFT_QA M64	20.52	-1.85	16.52	33.01	18.67	33.01	PASS
n77(370 0-3980)	15	15	664832	36@18	DFT_QA M256	18.56	-1.85	14.56	33.01	16.71	33.01	PASS
n77(370 0-3980)	15	15	664832	1@1	DFT_QA M256	18.80	-1.85	14.80	33.01	16.95	33.01	PASS
n77(370 0-3980)	15	15	664832	1@77	DFT_QA M256	18.93	-1.85	14.93	33.01	17.08	33.01	PASS
n77(370 0-3980)	15	15	664832	39@19	CP_QPS K	21.36	-1.85	17.36	33.01	19.51	33.01	PASS

n77(370 0-3980)	15	15	664832	1@1	CP_QPS K	21.33	-1.85	17.33	33.01	19.48	33.01	PASS
n77(370 0-3980)	15	15	664832	1@77	CP_QPS K	21.42	-1.85	17.42	33.01	19.57	33.01	PASS
n77(370 0-3980)	15	15	664832	39@19	CP_QAM 16	20.89	-1.85	16.89	33.01	19.04	33.01	PASS
n77(370 0-3980)	15	15	664832	1@1	CP_QAM 16	20.74	-1.85	16.74	33.01	18.89	33.01	PASS
n77(370 0-3980)	15	15	664832	1@77	CP_QAM 16	21.18	-1.85	17.18	33.01	19.33	33.01	PASS
n77(370 0-3980)	15	15	664832	39@19	CP_QAM 64	19.47	-1.85	15.47	33.01	17.62	33.01	PASS
n77(370 0-3980)	15	15	664832	1@1	CP_QAM 64	19.19	-1.85	15.19	33.01	17.34	33.01	PASS
n77(370 0-3980)	15	15	664832	1@77	CP_QAM 64	19.44	-1.85	15.44	33.01	17.59	33.01	PASS
n77(370 0-3980)	15	15	664832	39@19	CP_QAM 256	16.51	-1.85	12.51	33.01	14.66	33.01	PASS
n77(370 0-3980)	15	15	664832	1@1	CP_QAM 256	16.43	-1.85	12.43	33.01	14.58	33.01	PASS
n77(370 0-3980)	15	15	664832	1@77	CP_QAM 256	16.90	-1.85	12.90	33.01	15.05	33.01	PASS
n77(370 0-3980)	15	20	647334	50@25	DFT_BP SK	23.16	-1.85	19.16	33.01	21.31	33.01	PASS
n77(370 0-3980)	15	20	647334	1@1	DFT_BP SK	23.06	-1.85	19.06	33.01	21.21	33.01	PASS
n77(370 0-3980)	15	20	647334	1@104	DFT_BP SK	23.10	-1.85	19.10	33.01	21.25	33.01	PASS
n77(370 0-3980)	15	20	647334	50@25	DFT_QP SK	23.19	-1.85	19.19	33.01	21.34	33.01	PASS
n77(370 0-3980)	15	20	647334	1@1	DFT_QP SK	22.95	-1.85	18.95	33.01	21.10	33.01	PASS
n77(370 0-3980)	15	20	647334	1@104	DFT_QP SK	22.90	-1.85	18.90	33.01	21.05	33.01	PASS
n77(370 0-3980)	15	20	647334	50@25	DFT_QA M16	22.20	-1.85	18.20	33.01	20.35	33.01	PASS
n77(370 0-3980)	15	20	647334	1@1	DFT_QA M16	22.10	-1.85	18.10	33.01	20.25	33.01	PASS
n77(370 0-3980)	15	20	647334	1@104	DFT_QA M16	22.03	-1.85	18.03	33.01	20.18	33.01	PASS
n77(370 0-3980)	15	20	647334	50@25	DFT_QA M64	20.70	-1.85	16.70	33.01	18.85	33.01	PASS
n77(370 0-3980)	15	20	647334	1@1	DFT_QA M64	20.85	-1.85	16.85	33.01	19.00	33.01	PASS
n77(370 0-3980)	15	20	647334	1@104	DFT_QA M64	20.64	-1.85	16.64	33.01	18.79	33.01	PASS
n77(370 0-3980)	15	20	647334	50@25	DFT_QA M256	18.72	-1.85	14.72	33.01	16.87	33.01	PASS
n77(370 0-3980)	15	20	647334	1@1	DFT_QA M256	19.00	-1.85	15.00	33.01	17.15	33.01	PASS
n77(370 0-3980)	15	20	647334	1@104	DFT_QA M256	19.03	-1.85	15.03	33.01	17.18	33.01	PASS

n77(370 0-3980)	15	20	647334	53@26	CP_QPS K	21.64	-1.85	17.64	33.01	19.79	33.01	PASS
n77(370 0-3980)	15	20	647334	1@1	CP_QPS K	21.58	-1.85	17.58	33.01	19.73	33.01	PASS
n77(370 0-3980)	15	20	647334	1@104	CP_QPS K	21.60	-1.85	17.60	33.01	19.75	33.01	PASS
n77(370 0-3980)	15	20	647334	53@26	CP_QAM 16	21.22	-1.85	17.22	33.01	19.37	33.01	PASS
n77(370 0-3980)	15	20	647334	1@1	CP_QAM 16	21.18	-1.85	17.18	33.01	19.33	33.01	PASS
n77(370 0-3980)	15	20	647334	1@104	CP_QAM 16	21.08	-1.85	17.08	33.01	19.23	33.01	PASS
n77(370 0-3980)	15	20	647334	53@26	CP_QAM 64	19.73	-1.85	15.73	33.01	17.88	33.01	PASS
n77(370 0-3980)	15	20	647334	1@1	CP_QAM 64	19.51	-1.85	15.51	33.01	17.66	33.01	PASS
n77(370 0-3980)	15	20	647334	1@104	CP_QAM 64	19.59	-1.85	15.59	33.01	17.74	33.01	PASS
n77(370 0-3980)	15	20	647334	53@26	CP_QAM 256	16.80	-1.85	12.80	33.01	14.95	33.01	PASS
n77(370 0-3980)	15	20	647334	1@1	CP_QAM 256	16.68	-1.85	12.68	33.01	14.83	33.01	PASS
n77(370 0-3980)	15	20	647334	1@104	CP_QAM 256	16.69	-1.85	12.69	33.01	14.84	33.01	PASS
n77(370 0-3980)	15	20	656000	50@25	DFT_BP SK	22.46	-1.85	18.46	33.01	20.61	33.01	PASS
n77(370 0-3980)	15	20	656000	1@1	DFT_BP SK	22.26	-1.85	18.26	33.01	20.41	33.01	PASS
n77(370 0-3980)	15	20	656000	1@104	DFT_BP SK	22.11	-1.85	18.11	33.01	20.26	33.01	PASS
n77(370 0-3980)	15	20	656000	50@25	DFT_QP SK	22.44	-1.85	18.44	33.01	20.59	33.01	PASS
n77(370 0-3980)	15	20	656000	1@1	DFT_QP SK	22.10	-1.85	18.10	33.01	20.25	33.01	PASS
n77(370 0-3980)	15	20	656000	1@104	DFT_QP SK	21.91	-1.85	17.91	33.01	20.06	33.01	PASS
n77(370 0-3980)	15	20	656000	50@25	DFT_QA M16	21.38	-1.85	17.38	33.01	19.53	33.01	PASS
n77(370 0-3980)	15	20	656000	1@1	DFT_QA M16	21.50	-1.85	17.50	33.01	19.65	33.01	PASS
n77(370 0-3980)	15	20	656000	1@104	DFT_QA M16	20.94	-1.85	16.94	33.01	19.09	33.01	PASS
n77(370 0-3980)	15	20	656000	50@25	DFT_QA M64	20.00	-1.85	16.00	33.01	18.15	33.01	PASS
n77(370 0-3980)	15	20	656000	1@1	DFT_QA M64	20.00	-1.85	16.00	33.01	18.15	33.01	PASS
n77(370 0-3980)	15	20	656000	1@104	DFT_QA M64	19.65	-1.85	15.65	33.01	17.80	33.01	PASS
n77(370 0-3980)	15	20	656000	50@25	DFT_QA M256	18.02	-1.85	14.02	33.01	16.17	33.01	PASS
n77(370 0-3980)	15	20	656000	1@1	DFT_QA M256	18.17	-1.85	14.17	33.01	16.32	33.01	PASS



n77(370 0-3980)	15	20	656000	1@104	DFT_QA M256	17.99	-1.85	13.99	33.01	16.14	33.01	PASS
n77(370 0-3980)	15	20	656000	53@26	CP_QPS K	20.86	-1.85	16.86	33.01	19.01	33.01	PASS
n77(370 0-3980)	15	20	656000	1@1	CP_QPS K	20.81	-1.85	16.81	33.01	18.96	33.01	PASS
n77(370 0-3980)	15	20	656000	1@104	CP_QPS K	20.62	-1.85	16.62	33.01	18.77	33.01	PASS
n77(370 0-3980)	15	20	656000	53@26	CP_QAM 16	20.36	-1.85	16.36	33.01	18.51	33.01	PASS
n77(370 0-3980)	15	20	656000	1@1	CP_QAM 16	20.78	-1.85	16.78	33.01	18.93	33.01	PASS
n77(370 0-3980)	15	20	656000	1@104	CP_QAM 16	20.10	-1.85	16.10	33.01	18.25	33.01	PASS
n77(370 0-3980)	15	20	656000	53@26	CP_QAM 64	18.94	-1.85	14.94	33.01	17.09	33.01	PASS
n77(370 0-3980)	15	20	656000	1@1	CP_QAM 64	18.66	-1.85	14.66	33.01	16.81	33.01	PASS
n77(370 0-3980)	15	20	656000	1@104	CP_QAM 64	18.40	-1.85	14.40	33.01	16.55	33.01	PASS
n77(370 0-3980)	15	20	656000	53@26	CP_QAM 256	16.05	-1.85	12.05	33.01	14.20	33.01	PASS
n77(370 0-3980)	15	20	656000	1@1	CP_QAM 256	16.28	-1.85	12.28	33.01	14.43	33.01	PASS
n77(370 0-3980)	15	20	656000	1@104	CP_QAM 256	16.23	-1.85	12.23	33.01	14.38	33.01	PASS
n77(370 0-3980)	15	20	664666	50@25	DFT_BP SK	22.90	-1.85	18.90	33.01	21.05	33.01	PASS
n77(370 0-3980)	15	20	664666	1@1	DFT_BP SK	22.80	-1.85	18.80	33.01	20.95	33.01	PASS
n77(370 0-3980)	15	20	664666	1@104	DFT_BP SK	22.93	-1.85	18.93	33.01	21.08	33.01	PASS
n77(370 0-3980)	15	20	664666	50@25	DFT_QP SK	22.87	-1.85	18.87	33.01	21.02	33.01	PASS
n77(370 0-3980)	15	20	664666	1@1	DFT_QP SK	22.70	-1.85	18.70	33.01	20.85	33.01	PASS
n77(370 0-3980)	15	20	664666	1@104	DFT_QP SK	22.78	-1.85	18.78	33.01	20.93	33.01	PASS
n77(370 0-3980)	15	20	664666	50@25	DFT_QA M16	21.88	-1.85	17.88	33.01	20.03	33.01	PASS
n77(370 0-3980)	15	20	664666	1@1	DFT_QA M16	22.16	-1.85	18.16	33.01	20.31	33.01	PASS
n77(370 0-3980)	15	20	664666	1@104	DFT_QA M16	21.87	-1.85	17.87	33.01	20.02	33.01	PASS
n77(370 0-3980)	15	20	664666	50@25	DFT_QA M64	20.40	-1.85	16.40	33.01	18.55	33.01	PASS
n77(370 0-3980)	15	20	664666	1@1	DFT_QA M64	20.51	-1.85	16.51	33.01	18.66	33.01	PASS
n77(370 0-3980)	15	20	664666	1@104	DFT_QA M64	20.62	-1.85	16.62	33.01	18.77	33.01	PASS
n77(370 0-3980)	15	20	664666	50@25	DFT_QA M256	18.53	-1.85	14.53	33.01	16.68	33.01	PASS

n77(370 0-3980)	15	20	664666	1@1	DFT_QA M256	18.46	-1.85	14.46	33.01	16.61	33.01	PASS
n77(370 0-3980)	15	20	664666	1@104	DFT_QA M256	18.61	-1.85	14.61	33.01	16.76	33.01	PASS
n77(370 0-3980)	15	20	664666	53@26	CP_QPS K	21.32	-1.85	17.32	33.01	19.47	33.01	PASS
n77(370 0-3980)	15	20	664666	1@1	CP_QPS K	21.36	-1.85	17.36	33.01	19.51	33.01	PASS
n77(370 0-3980)	15	20	664666	1@104	CP_QPS K	21.51	-1.85	17.51	33.01	19.66	33.01	PASS
n77(370 0-3980)	15	20	664666	53@26	CP_QAM 16	20.87	-1.85	16.87	33.01	19.02	33.01	PASS
n77(370 0-3980)	15	20	664666	1@1	CP_QAM 16	20.81	-1.85	16.81	33.01	18.96	33.01	PASS
n77(370 0-3980)	15	20	664666	1@104	CP_QAM 16	20.87	-1.85	16.87	33.01	19.02	33.01	PASS
n77(370 0-3980)	15	20	664666	53@26	CP_QAM 64	19.47	-1.85	15.47	33.01	17.62	33.01	PASS
n77(370 0-3980)	15	20	664666	1@1	CP_QAM 64	19.43	-1.85	15.43	33.01	17.58	33.01	PASS
n77(370 0-3980)	15	20	664666	1@104	CP_QAM 64	19.53	-1.85	15.53	33.01	17.68	33.01	PASS
n77(370 0-3980)	15	20	664666	53@26	CP_QAM 256	16.56	-1.85	12.56	33.01	14.71	33.01	PASS
n77(370 0-3980)	15	20	664666	1@1	CP_QAM 256	16.97	-1.85	12.97	33.01	15.12	33.01	PASS
n77(370 0-3980)	15	20	664666	1@104	CP_QAM 256	16.53	-1.85	12.53	33.01	14.68	33.01	PASS
n77(370 0-3980)	15	30	647668	80@40	DFT_BP SK	23.14	-1.85	19.14	33.01	21.29	33.01	PASS
n77(370 0-3980)	15	30	647668	1@1	DFT_BP SK	22.87	-1.85	18.87	33.01	21.02	33.01	PASS
n77(370 0-3980)	15	30	647668	1@158	DFT_BP SK	22.92	-1.85	18.92	33.01	21.07	33.01	PASS
n77(370 0-3980)	15	30	647668	80@40	DFT_QP SK	23.10	-1.85	19.10	33.01	21.25	33.01	PASS
n77(370 0-3980)	15	30	647668	1@1	DFT_QP SK	22.70	-1.85	18.70	33.01	20.85	33.01	PASS
n77(370 0-3980)	15	30	647668	1@158	DFT_QP SK	22.79	-1.85	18.79	33.01	20.94	33.01	PASS
n77(370 0-3980)	15	30	647668	80@40	DFT_QA M16	22.10	-1.85	18.10	33.01	20.25	33.01	PASS
n77(370 0-3980)	15	30	647668	1@1	DFT_QA M16	21.72	-1.85	17.72	33.01	19.87	33.01	PASS
n77(370 0-3980)	15	30	647668	1@158	DFT_QA M16	22.21	-1.85	18.21	33.01	20.36	33.01	PASS
n77(370 0-3980)	15	30	647668	80@40	DFT_QA M64	20.76	-1.85	16.76	33.01	18.91	33.01	PASS
n77(370 0-3980)	15	30	647668	1@1	DFT_QA M64	20.24	-1.85	16.24	33.01	18.39	33.01	PASS
n77(370 0-3980)	15	30	647668	1@158	DFT_QA M64	20.27	-1.85	16.27	33.01	18.42	33.01	PASS

n77(370 0-3980)	15	30	647668	80@40	DFT_QA M256	18.76	-1.85	14.76	33.01	16.91	33.01	PASS
n77(370 0-3980)	15	30	647668	1@1	DFT_QA M256	18.38	-1.85	14.38	33.01	16.53	33.01	PASS
n77(370 0-3980)	15	30	647668	1@158	DFT_QA M256	18.47	-1.85	14.47	33.01	16.62	33.01	PASS
n77(370 0-3980)	15	30	647668	80@40	CP_QPS K	21.59	-1.85	17.59	33.01	19.74	33.01	PASS
n77(370 0-3980)	15	30	647668	1@1	CP_QPS K	21.27	-1.85	17.27	33.01	19.42	33.01	PASS
n77(370 0-3980)	15	30	647668	1@158	CP_QPS K	21.42	-1.85	17.42	33.01	19.57	33.01	PASS
n77(370 0-3980)	15	30	647668	80@40	CP_QAM 16	21.07	-1.85	17.07	33.01	19.22	33.01	PASS
n77(370 0-3980)	15	30	647668	1@1	CP_QAM 16	20.79	-1.85	16.79	33.01	18.94	33.01	PASS
n77(370 0-3980)	15	30	647668	1@158	CP_QAM 16	20.90	-1.85	16.90	33.01	19.05	33.01	PASS
n77(370 0-3980)	15	30	647668	80@40	CP_QAM 64	19.73	-1.85	15.73	33.01	17.88	33.01	PASS
n77(370 0-3980)	15	30	647668	1@1	CP_QAM 64	19.17	-1.85	15.17	33.01	17.32	33.01	PASS
n77(370 0-3980)	15	30	647668	1@158	CP_QAM 64	19.27	-1.85	15.27	33.01	17.42	33.01	PASS
n77(370 0-3980)	15	30	647668	80@40	CP_QAM 256	16.70	-1.85	12.70	33.01	14.85	33.01	PASS
n77(370 0-3980)	15	30	647668	1@1	CP_QAM 256	16.76	-1.85	12.76	33.01	14.91	33.01	PASS
n77(370 0-3980)	15	30	647668	1@158	CP_QAM 256	16.81	-1.85	12.81	33.01	14.96	33.01	PASS
n77(370 0-3980)	15	30	656000	80@40	DFT_BP SK	22.37	-1.85	18.37	33.01	20.52	33.01	PASS
n77(370 0-3980)	15	30	656000	1@1	DFT_BP SK	21.77	-1.85	17.77	33.01	19.92	33.01	PASS
n77(370 0-3980)	15	30	656000	1@158	DFT_BP SK	21.67	-1.85	17.67	33.01	19.82	33.01	PASS
n77(370 0-3980)	15	30	656000	80@40	DFT_QP SK	22.24	-1.85	18.24	33.01	20.39	33.01	PASS
n77(370 0-3980)	15	30	656000	1@1	DFT_QP SK	21.78	-1.85	17.78	33.01	19.93	33.01	PASS
n77(370 0-3980)	15	30	656000	1@158	DFT_QP SK	21.60	-1.85	17.60	33.01	19.75	33.01	PASS
n77(370 0-3980)	15	30	656000	80@40	DFT_QA M16	21.28	-1.85	17.28	33.01	19.43	33.01	PASS
n77(370 0-3980)	15	30	656000	1@1	DFT_QA M16	20.74	-1.85	16.74	33.01	18.89	33.01	PASS
n77(370 0-3980)	15	30	656000	1@158	DFT_QA M16	20.66	-1.85	16.66	33.01	18.81	33.01	PASS
n77(370 0-3980)	15	30	656000	80@40	DFT_QA M64	19.93	-1.85	15.93	33.01	18.08	33.01	PASS
n77(370 0-3980)	15	30	656000	1@1	DFT_QA M64	19.42	-1.85	15.42	33.01	17.57	33.01	PASS

n77(370 0-3980)	15	30	656000	1@158	DFT_QA M64	19.29	-1.85	15.29	33.01	17.44	33.01	PASS
n77(370 0-3980)	15	30	656000	80@40	DFT_QA M256	17.95	-1.85	13.95	33.01	16.10	33.01	PASS
n77(370 0-3980)	15	30	656000	1@1	DFT_QA M256	17.69	-1.85	13.69	33.01	15.84	33.01	PASS
n77(370 0-3980)	15	30	656000	1@158	DFT_QA M256	17.39	-1.85	13.39	33.01	15.54	33.01	PASS
n77(370 0-3980)	15	30	656000	80@40	CP_QPS K	20.82	-1.85	16.82	33.01	18.97	33.01	PASS
n77(370 0-3980)	15	30	656000	1@1	CP_QPS K	20.35	-1.85	16.35	33.01	18.50	33.01	PASS
n77(370 0-3980)	15	30	656000	1@158	CP_QPS K	20.21	-1.85	16.21	33.01	18.36	33.01	PASS
n77(370 0-3980)	15	30	656000	80@40	CP_QAM 16	20.21	-1.85	16.21	33.01	18.36	33.01	PASS
n77(370 0-3980)	15	30	656000	1@1	CP_QAM 16	20.02	-1.85	16.02	33.01	18.17	33.01	PASS
n77(370 0-3980)	15	30	656000	1@158	CP_QAM 16	19.92	-1.85	15.92	33.01	18.07	33.01	PASS
n77(370 0-3980)	15	30	656000	80@40	CP_QAM 64	18.94	-1.85	14.94	33.01	17.09	33.01	PASS
n77(370 0-3980)	15	30	656000	1@1	CP_QAM 64	18.27	-1.85	14.27	33.01	16.42	33.01	PASS
n77(370 0-3980)	15	30	656000	1@158	CP_QAM 64	18.08	-1.85	14.08	33.01	16.23	33.01	PASS
n77(370 0-3980)	15	30	656000	80@40	CP_QAM 256	15.89	-1.85	11.89	33.01	14.04	33.01	PASS
n77(370 0-3980)	15	30	656000	1@1	CP_QAM 256	15.61	-1.85	11.61	33.01	13.76	33.01	PASS
n77(370 0-3980)	15	30	656000	1@158	CP_QAM 256	15.50	-1.85	11.50	33.01	13.65	33.01	PASS
n77(370 0-3980)	15	30	664332	80@40	DFT_BP SK	22.85	-1.85	18.85	33.01	21.00	33.01	PASS
n77(370 0-3980)	15	30	664332	1@1	DFT_BP SK	22.43	-1.85	18.43	33.01	20.58	33.01	PASS
n77(370 0-3980)	15	30	664332	1@158	DFT_BP SK	22.67	-1.85	18.67	33.01	20.82	33.01	PASS
n77(370 0-3980)	15	30	664332	80@40	DFT_QP SK	22.86	-1.85	18.86	33.01	21.01	33.01	PASS
n77(370 0-3980)	15	30	664332	1@1	DFT_QP SK	22.32	-1.85	18.32	33.01	20.47	33.01	PASS
n77(370 0-3980)	15	30	664332	1@158	DFT_QP SK	22.61	-1.85	18.61	33.01	20.76	33.01	PASS
n77(370 0-3980)	15	30	664332	80@40	DFT_QA M16	21.84	-1.85	17.84	33.01	19.99	33.01	PASS
n77(370 0-3980)	15	30	664332	1@1	DFT_QA M16	21.39	-1.85	17.39	33.01	19.54	33.01	PASS
n77(370 0-3980)	15	30	664332	1@158	DFT_QA M16	22.00	-1.85	18.00	33.01	20.15	33.01	PASS
n77(370 0-3980)	15	30	664332	80@40	DFT_QA M64	20.45	-1.85	16.45	33.01	18.60	33.01	PASS

n77(370 0-3980)	15	30	664332	1@1	DFT_QA M64	20.25	-1.85	16.25	33.01	18.40	33.01	PASS
n77(370 0-3980)	15	30	664332	1@158	DFT_QA M64	20.23	-1.85	16.23	33.01	18.38	33.01	PASS
n77(370 0-3980)	15	30	664332	80@40	DFT_QA M256	18.52	-1.85	14.52	33.01	16.67	33.01	PASS
n77(370 0-3980)	15	30	664332	1@1	DFT_QA M256	18.46	-1.85	14.46	33.01	16.61	33.01	PASS
n77(370 0-3980)	15	30	664332	1@158	DFT_QA M256	18.33	-1.85	14.33	33.01	16.48	33.01	PASS
n77(370 0-3980)	15	30	664332	80@40	CP_QPS K	21.29	-1.85	17.29	33.01	19.44	33.01	PASS
n77(370 0-3980)	15	30	664332	1@1	CP_QPS K	21.05	-1.85	17.05	33.01	19.20	33.01	PASS
n77(370 0-3980)	15	30	664332	1@158	CP_QPS K	21.12	-1.85	17.12	33.01	19.27	33.01	PASS
n77(370 0-3980)	15	30	664332	80@40	CP_QAM 16	20.88	-1.85	16.88	33.01	19.03	33.01	PASS
n77(370 0-3980)	15	30	664332	1@1	CP_QAM 16	20.98	-1.85	16.98	33.01	19.13	33.01	PASS
n77(370 0-3980)	15	30	664332	1@158	CP_QAM 16	21.19	-1.85	17.19	33.01	19.34	33.01	PASS
n77(370 0-3980)	15	30	664332	80@40	CP_QAM 64	19.46	-1.85	15.46	33.01	17.61	33.01	PASS
n77(370 0-3980)	15	30	664332	1@1	CP_QAM 64	18.99	-1.85	14.99	33.01	17.14	33.01	PASS
n77(370 0-3980)	15	30	664332	1@158	CP_QAM 64	19.16	-1.85	15.16	33.01	17.31	33.01	PASS
n77(370 0-3980)	15	30	664332	80@40	CP_QAM 256	16.48	-1.85	12.48	33.01	14.63	33.01	PASS
n77(370 0-3980)	15	30	664332	1@1	CP_QAM 256	16.58	-1.85	12.58	33.01	14.73	33.01	PASS
n77(370 0-3980)	15	30	664332	1@158	CP_QAM 256	16.29	-1.85	12.29	33.01	14.44	33.01	PASS
n77(370 0-3980)	15	40	648000	108@5 4	DFT_BP SK	23.17	-1.85	19.17	33.01	21.32	33.01	PASS
n77(370 0-3980)	15	40	648000	1@1	DFT_BP SK	22.61	-1.85	18.61	33.01	20.76	33.01	PASS
n77(370 0-3980)	15	40	648000	1@214	DFT_BP SK	22.46	-1.85	18.46	33.01	20.61	33.01	PASS
n77(370 0-3980)	15	40	648000	108@5 4	DFT_QP SK	23.17	-1.85	19.17	33.01	21.32	33.01	PASS
n77(370 0-3980)	15	40	648000	1@1	DFT_QP SK	22.56	-1.85	18.56	33.01	20.71	33.01	PASS
n77(370 0-3980)	15	40	648000	1@214	DFT_QP SK	22.38	-1.85	18.38	33.01	20.53	33.01	PASS
n77(370 0-3980)	15	40	648000	108@5 4	DFT_QA M16	22.20	-1.85	18.20	33.01	20.35	33.01	PASS
n77(370 0-3980)	15	40	648000	1@1	DFT_QA M16	21.58	-1.85	17.58	33.01	19.73	33.01	PASS
n77(370 0-3980)	15	40	648000	1@214	DFT_QA M16	21.77	-1.85	17.77	33.01	19.92	33.01	PASS

n77(370 0-3980)	15	40	648000	108@5 4	DFT_QA M64	20.80	-1.85	16.80	33.01	18.95	33.01	PASS
n77(370 0-3980)	15	40	648000	1@1	DFT_QA M64	20.41	-1.85	16.41	33.01	18.56	33.01	PASS
n77(370 0-3980)	15	40	648000	1@214	DFT_QA M64	19.98	-1.85	15.98	33.01	18.13	33.01	PASS
n77(370 0-3980)	15	40	648000	108@5 4	DFT_QA M256	18.76	-1.85	14.76	33.01	16.91	33.01	PASS
n77(370 0-3980)	15	40	648000	1@1	DFT_QA M256	18.61	-1.85	14.61	33.01	16.76	33.01	PASS
n77(370 0-3980)	15	40	648000	1@214	DFT_QA M256	18.14	-1.85	14.14	33.01	16.29	33.01	PASS
n77(370 0-3980)	15	40	648000	108@5 4	CP_QPS K	21.66	-1.85	17.66	33.01	19.81	33.01	PASS
n77(370 0-3980)	15	40	648000	1@1	CP_QPS K	21.19	-1.85	17.19	33.01	19.34	33.01	PASS
n77(370 0-3980)	15	40	648000	1@214	CP_QPS K	21.11	-1.85	17.11	33.01	19.26	33.01	PASS
n77(370 0-3980)	15	40	648000	108@5 4	CP_QAM 16	21.16	-1.85	17.16	33.01	19.31	33.01	PASS
n77(370 0-3980)	15	40	648000	1@1	CP_QAM 16	20.65	-1.85	16.65	33.01	18.80	33.01	PASS
n77(370 0-3980)	15	40	648000	1@214	CP_QAM 16	20.50	-1.85	16.50	33.01	18.65	33.01	PASS
n77(370 0-3980)	15	40	648000	108@5 4	CP_QAM 64	19.74	-1.85	15.74	33.01	17.89	33.01	PASS
n77(370 0-3980)	15	40	648000	1@1	CP_QAM 64	19.07	-1.85	15.07	33.01	17.22	33.01	PASS
n77(370 0-3980)	15	40	648000	1@214	CP_QAM 64	19.04	-1.85	15.04	33.01	17.19	33.01	PASS
n77(370 0-3980)	15	40	648000	108@5 4	CP_QAM 256	16.73	-1.85	12.73	33.01	14.88	33.01	PASS
n77(370 0-3980)	15	40	648000	1@1	CP_QAM 256	16.22	-1.85	12.22	33.01	14.37	33.01	PASS
n77(370 0-3980)	15	40	648000	1@214	CP_QAM 256	16.17	-1.85	12.17	33.01	14.32	33.01	PASS
n77(370 0-3980)	15	40	656000	108@5 4	DFT_BP SK	22.29	-1.85	18.29	33.01	20.44	33.01	PASS
n77(370 0-3980)	15	40	656000	1@1	DFT_BP SK	21.56	-1.85	17.56	33.01	19.71	33.01	PASS
n77(370 0-3980)	15	40	656000	1@214	DFT_BP SK	21.50	-1.85	17.50	33.01	19.65	33.01	PASS
n77(370 0-3980)	15	40	656000	108@5 4	DFT_QP SK	22.31	-1.85	18.31	33.01	20.46	33.01	PASS
n77(370 0-3980)	15	40	656000	1@1	DFT_QP SK	21.50	-1.85	17.50	33.01	19.65	33.01	PASS
n77(370 0-3980)	15	40	656000	1@214	DFT_QP SK	21.41	-1.85	17.41	33.01	19.56	33.01	PASS
n77(370 0-3980)	15	40	656000	108@5 4	DFT_QA M16	21.26	-1.85	17.26	33.01	19.41	33.01	PASS
n77(370 0-3980)	15	40	656000	1@1	DFT_QA M16	20.43	-1.85	16.43	33.01	18.58	33.01	PASS

n77(370 0-3980)	15	40	656000	1@214	DFT_QA M16	20.34	-1.85	16.34	33.01	18.49	33.01	PASS
n77(370 0-3980)	15	40	656000	108@5 4	DFT_QA M64	19.91	-1.85	15.91	33.01	18.06	33.01	PASS
n77(370 0-3980)	15	40	656000	1@1	DFT_QA M64	19.16	-1.85	15.16	33.01	17.31	33.01	PASS
n77(370 0-3980)	15	40	656000	1@214	DFT_QA M64	19.01	-1.85	15.01	33.01	17.16	33.01	PASS
n77(370 0-3980)	15	40	656000	108@5 4	DFT_QA M256	17.98	-1.85	13.98	33.01	16.13	33.01	PASS
n77(370 0-3980)	15	40	656000	1@1	DFT_QA M256	17.17	-1.85	13.17	33.01	15.32	33.01	PASS
n77(370 0-3980)	15	40	656000	1@214	DFT_QA M256	17.47	-1.85	13.47	33.01	15.62	33.01	PASS
n77(370 0-3980)	15	40	656000	108@5 4	CP_QPS K	20.74	-1.85	16.74	33.01	18.89	33.01	PASS
n77(370 0-3980)	15	40	656000	1@1	CP_QPS K	20.11	-1.85	16.11	33.01	18.26	33.01	PASS
n77(370 0-3980)	15	40	656000	1@214	CP_QPS K	19.96	-1.85	15.96	33.01	18.11	33.01	PASS
n77(370 0-3980)	15	40	656000	108@5 4	CP_QAM 16	20.29	-1.85	16.29	33.01	18.44	33.01	PASS
n77(370 0-3980)	15	40	656000	1@1	CP_QAM 16	19.74	-1.85	15.74	33.01	17.89	33.01	PASS
n77(370 0-3980)	15	40	656000	1@214	CP_QAM 16	19.59	-1.85	15.59	33.01	17.74	33.01	PASS
n77(370 0-3980)	15	40	656000	108@5 4	CP_QAM 64	18.84	-1.85	14.84	33.01	16.99	33.01	PASS
n77(370 0-3980)	15	40	656000	1@1	CP_QAM 64	18.03	-1.85	14.03	33.01	16.18	33.01	PASS
n77(370 0-3980)	15	40	656000	1@214	CP_QAM 64	18.04	-1.85	14.04	33.01	16.19	33.01	PASS
n77(370 0-3980)	15	40	656000	108@5 4	CP_QAM 256	15.90	-1.85	11.90	33.01	14.05	33.01	PASS
n77(370 0-3980)	15	40	656000	1@1	CP_QAM 256	15.14	-1.85	11.14	33.01	13.29	33.01	PASS
n77(370 0-3980)	15	40	656000	1@214	CP_QAM 256	15.50	-1.85	11.50	33.01	13.65	33.01	PASS
n77(370 0-3980)	15	40	664000	108@5 4	DFT_BP SK	22.86	-1.85	18.86	33.01	21.01	33.01	PASS
n77(370 0-3980)	15	40	664000	1@1	DFT_BP SK	21.86	-1.85	17.86	33.01	20.01	33.01	PASS
n77(370 0-3980)	15	40	664000	1@214	DFT_BP SK	22.51	-1.85	18.51	33.01	20.66	33.01	PASS
n77(370 0-3980)	15	40	664000	108@5 4	DFT_QP SK	22.91	-1.85	18.91	33.01	21.06	33.01	PASS
n77(370 0-3980)	15	40	664000	1@1	DFT_QP SK	21.69	-1.85	17.69	33.01	19.84	33.01	PASS
n77(370 0-3980)	15	40	664000	1@214	DFT_QP SK	22.34	-1.85	18.34	33.01	20.49	33.01	PASS
n77(370 0-3980)	15	40	664000	108@5 4	DFT_QA M16	21.90	-1.85	17.90	33.01	20.05	33.01	PASS

n77(370 0-3980)	15	40	664000	1@1	DFT_QA M16	20.84	-1.85	16.84	33.01	18.99	33.01	PASS
n77(370 0-3980)	15	40	664000	1@214	DFT_QA M16	21.39	-1.85	17.39	33.01	19.54	33.01	PASS
n77(370 0-3980)	15	40	664000	108@5 4	DFT_QA M64	20.52	-1.85	16.52	33.01	18.67	33.01	PASS
n77(370 0-3980)	15	40	664000	1@1	DFT_QA M64	19.39	-1.85	15.39	33.01	17.54	33.01	PASS
n77(370 0-3980)	15	40	664000	1@214	DFT_QA M64	20.05	-1.85	16.05	33.01	18.20	33.01	PASS
n77(370 0-3980)	15	40	664000	108@5 4	DFT_QA M256	18.55	-1.85	14.55	33.01	16.70	33.01	PASS
n77(370 0-3980)	15	40	664000	1@1	DFT_QA M256	17.43	-1.85	13.43	33.01	15.58	33.01	PASS
n77(370 0-3980)	15	40	664000	1@214	DFT_QA M256	18.21	-1.85	14.21	33.01	16.36	33.01	PASS
n77(370 0-3980)	15	40	664000	108@5 4	CP_QPS K	21.31	-1.85	17.31	33.01	19.46	33.01	PASS
n77(370 0-3980)	15	40	664000	1@1	CP_QPS K	20.44	-1.85	16.44	33.01	18.59	33.01	PASS
n77(370 0-3980)	15	40	664000	1@214	CP_QPS K	21.04	-1.85	17.04	33.01	19.19	33.01	PASS
n77(370 0-3980)	15	40	664000	108@5 4	CP_QAM 16	20.82	-1.85	16.82	33.01	18.97	33.01	PASS
n77(370 0-3980)	15	40	664000	1@1	CP_QAM 16	19.88	-1.85	15.88	33.01	18.03	33.01	PASS
n77(370 0-3980)	15	40	664000	1@214	CP_QAM 16	20.61	-1.85	16.61	33.01	18.76	33.01	PASS
n77(370 0-3980)	15	40	664000	108@5 4	CP_QAM 64	19.45	-1.85	15.45	33.01	17.60	33.01	PASS
n77(370 0-3980)	15	40	664000	1@1	CP_QAM 64	18.21	-1.85	14.21	33.01	16.36	33.01	PASS
n77(370 0-3980)	15	40	664000	1@214	CP_QAM 64	18.92	-1.85	14.92	33.01	17.07	33.01	PASS
n77(370 0-3980)	15	40	664000	108@5 4	CP_QAM 256	16.49	-1.85	12.49	33.01	14.64	33.01	PASS
n77(370 0-3980)	15	40	664000	1@1	CP_QAM 256	15.70	-1.85	11.70	33.01	13.85	33.01	PASS
n77(370 0-3980)	15	40	664000	1@214	CP_QAM 256	16.14	-1.85	12.14	33.01	14.29	33.01	PASS
n77(370 0-3980)	15	50	648334	135@6 7	DFT_BP SK	23.29	-1.85	19.29	33.01	21.44	33.01	PASS
n77(370 0-3980)	15	50	648334	1@1	DFT_BP SK	23.02	-1.85	19.02	33.01	21.17	33.01	PASS
n77(370 0-3980)	15	50	648334	1@268	DFT_BP SK	22.58	-1.85	18.58	33.01	20.73	33.01	PASS
n77(370 0-3980)	15	50	648334	135@6 7	DFT_QP SK	23.25	-1.85	19.25	33.01	21.40	33.01	PASS
n77(370 0-3980)	15	50	648334	1@1	DFT_QP SK	22.89	-1.85	18.89	33.01	21.04	33.01	PASS
n77(370 0-3980)	15	50	648334	1@268	DFT_QP SK	22.57	-1.85	18.57	33.01	20.72	33.01	PASS



n77(370 0-3980)	15	50	648334	135@6 7	DFT_QA M16	22.29	-1.85	18.29	33.01	20.44	33.01	PASS
n77(370 0-3980)	15	50	648334	1@1	DFT_QA M16	21.94	-1.85	17.94	33.01	20.09	33.01	PASS
n77(370 0-3980)	15	50	648334	1@268	DFT_QA M16	21.59	-1.85	17.59	33.01	19.74	33.01	PASS
n77(370 0-3980)	15	50	648334	135@6 7	DFT_QA M64	20.82	-1.85	16.82	33.01	18.97	33.01	PASS
n77(370 0-3980)	15	50	648334	1@1	DFT_QA M64	20.62	-1.85	16.62	33.01	18.77	33.01	PASS
n77(370 0-3980)	15	50	648334	1@268	DFT_QA M64	20.23	-1.85	16.23	33.01	18.38	33.01	PASS
n77(370 0-3980)	15	50	648334	135@6 7	DFT_QA M256	18.83	-1.85	14.83	33.01	16.98	33.01	PASS
n77(370 0-3980)	15	50	648334	1@1	DFT_QA M256	19.02	-1.85	15.02	33.01	17.17	33.01	PASS
n77(370 0-3980)	15	50	648334	1@268	DFT_QA M256	18.30	-1.85	14.30	33.01	16.45	33.01	PASS
n77(370 0-3980)	15	50	648334	135@6 7	CP_QPS K	21.68	-1.85	17.68	33.01	19.83	33.01	PASS
n77(370 0-3980)	15	50	648334	1@1	CP_QPS K	21.51	-1.85	17.51	33.01	19.66	33.01	PASS
n77(370 0-3980)	15	50	648334	1@268	CP_QPS K	21.22	-1.85	17.22	33.01	19.37	33.01	PASS
n77(370 0-3980)	15	50	648334	135@6 7	CP_QAM 16	21.23	-1.85	17.23	33.01	19.38	33.01	PASS
n77(370 0-3980)	15	50	648334	1@1	CP_QAM 16	21.03	-1.85	17.03	33.01	19.18	33.01	PASS
n77(370 0-3980)	15	50	648334	1@268	CP_QAM 16	21.14	-1.85	17.14	33.01	19.29	33.01	PASS
n77(370 0-3980)	15	50	648334	135@6 7	CP_QAM 64	19.78	-1.85	15.78	33.01	17.93	33.01	PASS
n77(370 0-3980)	15	50	648334	1@1	CP_QAM 64	19.45	-1.85	15.45	33.01	17.60	33.01	PASS
n77(370 0-3980)	15	50	648334	1@268	CP_QAM 64	19.18	-1.85	15.18	33.01	17.33	33.01	PASS
n77(370 0-3980)	15	50	648334	135@6 7	CP_QAM 256	16.80	-1.85	12.80	33.01	14.95	33.01	PASS
n77(370 0-3980)	15	50	648334	1@1	CP_QAM 256	16.69	-1.85	12.69	33.01	14.84	33.01	PASS
n77(370 0-3980)	15	50	648334	1@268	CP_QAM 256	16.25	-1.85	12.25	33.01	14.40	33.01	PASS
n77(370 0-3980)	15	50	656000	135@6 7	DFT_BP SK	22.41	-1.85	18.41	33.01	20.56	33.01	PASS
n77(370 0-3980)	15	50	656000	1@1	DFT_BP SK	21.80	-1.85	17.80	33.01	19.95	33.01	PASS
n77(370 0-3980)	15	50	656000	1@268	DFT_BP SK	21.95	-1.85	17.95	33.01	20.10	33.01	PASS
n77(370 0-3980)	15	50	656000	135@6 7	DFT_QP SK	22.35	-1.85	18.35	33.01	20.50	33.01	PASS
n77(370 0-3980)	15	50	656000	1@1	DFT_QP SK	21.76	-1.85	17.76	33.01	19.91	33.01	PASS

n77(370 0-3980)	15	50	656000	1@268	DFT_QP SK	21.86	-1.85	17.86	33.01	20.01	33.01	PASS
n77(370 0-3980)	15	50	656000	135@6 7	DFT_QA M16	21.33	-1.85	17.33	33.01	19.48	33.01	PASS
n77(370 0-3980)	15	50	656000	1@1	DFT_QA M16	20.85	-1.85	16.85	33.01	19.00	33.01	PASS
n77(370 0-3980)	15	50	656000	1@268	DFT_QA M16	20.88	-1.85	16.88	33.01	19.03	33.01	PASS
n77(370 0-3980)	15	50	656000	135@6 7	DFT_QA M64	20.00	-1.85	16.00	33.01	18.15	33.01	PASS
n77(370 0-3980)	15	50	656000	1@1	DFT_QA M64	19.54	-1.85	15.54	33.01	17.69	33.01	PASS
n77(370 0-3980)	15	50	656000	1@268	DFT_QA M64	19.47	-1.85	15.47	33.01	17.62	33.01	PASS
n77(370 0-3980)	15	50	656000	135@6 7	DFT_QA M256	17.95	-1.85	13.95	33.01	16.10	33.01	PASS
n77(370 0-3980)	15	50	656000	1@1	DFT_QA M256	17.88	-1.85	13.88	33.01	16.03	33.01	PASS
n77(370 0-3980)	15	50	656000	1@268	DFT_QA M256	17.85	-1.85	13.85	33.01	16.00	33.01	PASS
n77(370 0-3980)	15	50	656000	135@6 7	CP_QPS K	20.73	-1.85	16.73	33.01	18.88	33.01	PASS
n77(370 0-3980)	15	50	656000	1@1	CP_QPS K	20.49	-1.85	16.49	33.01	18.64	33.01	PASS
n77(370 0-3980)	15	50	656000	1@268	CP_QPS K	20.43	-1.85	16.43	33.01	18.58	33.01	PASS
n77(370 0-3980)	15	50	656000	135@6 7	CP_QAM 16	20.26	-1.85	16.26	33.01	18.41	33.01	PASS
n77(370 0-3980)	15	50	656000	1@1	CP_QAM 16	19.93	-1.85	15.93	33.01	18.08	33.01	PASS
n77(370 0-3980)	15	50	656000	1@268	CP_QAM 16	20.18	-1.85	16.18	33.01	18.33	33.01	PASS
n77(370 0-3980)	15	50	656000	135@6 7	CP_QAM 64	18.93	-1.85	14.93	33.01	17.08	33.01	PASS
n77(370 0-3980)	15	50	656000	1@1	CP_QAM 64	18.56	-1.85	14.56	33.01	16.71	33.01	PASS
n77(370 0-3980)	15	50	656000	1@268	CP_QAM 64	18.38	-1.85	14.38	33.01	16.53	33.01	PASS
n77(370 0-3980)	15	50	656000	135@6 7	CP_QAM 256	16.00	-1.85	12.00	33.01	14.15	33.01	PASS
n77(370 0-3980)	15	50	656000	1@1	CP_QAM 256	15.69	-1.85	11.69	33.01	13.84	33.01	PASS
n77(370 0-3980)	15	50	656000	1@268	CP_QAM 256	15.74	-1.85	11.74	33.01	13.89	33.01	PASS
n77(370 0-3980)	15	50	663666	135@6 7	DFT_BP SK	22.85	-1.85	18.85	33.01	21.00	33.01	PASS
n77(370 0-3980)	15	50	663666	1@1	DFT_BP SK	22.00	-1.85	18.00	33.01	20.15	33.01	PASS
n77(370 0-3980)	15	50	663666	1@268	DFT_BP SK	22.84	-1.85	18.84	33.01	20.99	33.01	PASS
n77(370 0-3980)	15	50	663666	135@6 7	DFT_QP SK	22.94	-1.85	18.94	33.01	21.09	33.01	PASS

n77(370 0-3980)	15	50	663666	1@1	DFT_QP SK	21.86	-1.85	17.86	33.01	20.01	33.01	PASS
n77(370 0-3980)	15	50	663666	1@268	DFT_QP SK	22.76	-1.85	18.76	33.01	20.91	33.01	PASS
n77(370 0-3980)	15	50	663666	135@6 7	DFT_QA M16	21.85	-1.85	17.85	33.01	20.00	33.01	PASS
n77(370 0-3980)	15	50	663666	1@1	DFT_QA M16	21.20	-1.85	17.20	33.01	19.35	33.01	PASS
n77(370 0-3980)	15	50	663666	1@268	DFT_QA M16	21.78	-1.85	17.78	33.01	19.93	33.01	PASS
n77(370 0-3980)	15	50	663666	135@6 7	DFT_QA M64	20.59	-1.85	16.59	33.01	18.74	33.01	PASS
n77(370 0-3980)	15	50	663666	1@1	DFT_QA M64	19.78	-1.85	15.78	33.01	17.93	33.01	PASS
n77(370 0-3980)	15	50	663666	1@268	DFT_QA M64	20.60	-1.85	16.60	33.01	18.75	33.01	PASS
n77(370 0-3980)	15	50	663666	135@6 7	DFT_QA M256	18.56	-1.85	14.56	33.01	16.71	33.01	PASS
n77(370 0-3980)	15	50	663666	1@1	DFT_QA M256	17.65	-1.85	13.65	33.01	15.80	33.01	PASS
n77(370 0-3980)	15	50	663666	1@268	DFT_QA M256	18.89	-1.85	14.89	33.01	17.04	33.01	PASS
n77(370 0-3980)	15	50	663666	135@6 7	CP_QPS K	21.28	-1.85	17.28	33.01	19.43	33.01	PASS
n77(370 0-3980)	15	50	663666	1@1	CP_QPS K	20.44	-1.85	16.44	33.01	18.59	33.01	PASS
n77(370 0-3980)	15	50	663666	1@268	CP_QPS K	21.43	-1.85	17.43	33.01	19.58	33.01	PASS
n77(370 0-3980)	15	50	663666	135@6 7	CP_QAM 16	20.83	-1.85	16.83	33.01	18.98	33.01	PASS
n77(370 0-3980)	15	50	663666	1@1	CP_QAM 16	19.95	-1.85	15.95	33.01	18.10	33.01	PASS
n77(370 0-3980)	15	50	663666	1@268	CP_QAM 16	21.39	-1.85	17.39	33.01	19.54	33.01	PASS
n77(370 0-3980)	15	50	663666	135@6 7	CP_QAM 64	19.46	-1.85	15.46	33.01	17.61	33.01	PASS
n77(370 0-3980)	15	50	663666	1@1	CP_QAM 64	18.47	-1.85	14.47	33.01	16.62	33.01	PASS
n77(370 0-3980)	15	50	663666	1@268	CP_QAM 64	19.36	-1.85	15.36	33.01	17.51	33.01	PASS
n77(370 0-3980)	15	50	663666	135@6 7	CP_QAM 256	16.50	-1.85	12.50	33.01	14.65	33.01	PASS
n77(370 0-3980)	15	50	663666	1@1	CP_QAM 256	15.64	-1.85	11.64	33.01	13.79	33.01	PASS
n77(370 0-3980)	15	50	663666	1@268	CP_QAM 256	16.54	-1.85	12.54	33.01	14.69	33.01	PASS

30 KHz:

Appendix 5G NR -n5 - SCS 30KHz

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n5	30	10	165800	12@6	DFT_BPSK	23.13	-6.8	14.18	38.45	16.33	38.45	PASS
n5	30	10	165800	1@1	DFT_BPSK	23.03	-6.8	14.08	38.45	16.23	38.45	PASS
n5	30	10	165800	1@22	DFT_BPSK	23.02	-6.8	14.07	38.45	16.22	38.45	PASS
n5	30	10	165800	12@6	DFT_QPSK	23.24	-6.8	14.29	38.45	16.44	38.45	PASS
n5	30	10	165800	1@1	DFT_QPSK	23.03	-6.8	14.08	38.45	16.23	38.45	PASS
n5	30	10	165800	1@22	DFT_QPSK	23.03	-6.8	14.08	38.45	16.23	38.45	PASS
n5	30	10	165800	12@6	DFT_QAM16	22.28	-6.8	13.33	38.45	15.48	38.45	PASS
n5	30	10	165800	1@1	DFT_QAM16	22.33	-6.8	13.38	38.45	15.53	38.45	PASS
n5	30	10	165800	1@22	DFT_QAM16	22.33	-6.8	13.38	38.45	15.53	38.45	PASS
n5	30	10	165800	12@6	DFT_QAM64	20.70	-6.8	11.75	38.45	13.90	38.45	PASS
n5	30	10	165800	1@1	DFT_QAM64	20.82	-6.8	11.87	38.45	14.02	38.45	PASS
n5	30	10	165800	1@22	DFT_QAM64	20.51	-6.8	11.56	38.45	13.71	38.45	PASS
n5	30	10	165800	12@6	DFT_QAM256	18.76	-6.8	9.81	38.45	11.96	38.45	PASS
n5	30	10	165800	1@1	DFT_QAM256	18.77	-6.8	9.82	38.45	11.97	38.45	PASS
n5	30	10	165800	1@22	DFT_QAM256	18.83	-6.8	9.88	38.45	12.03	38.45	PASS
n5	30	10	165800	12@6	CP_QPSK	21.60	-6.8	12.65	38.45	14.80	38.45	PASS
n5	30	10	165800	1@1	CP_QPSK	21.40	-6.8	12.45	38.45	14.60	38.45	PASS
n5	30	10	165800	1@22	CP_QPSK	21.49	-6.8	12.54	38.45	14.69	38.45	PASS
n5	30	10	165800	12@6	CP_QAM16	21.12	-6.8	12.17	38.45	14.32	38.45	PASS
n5	30	10	165800	1@1	CP_QAM16	21.24	-6.8	12.29	38.45	14.44	38.45	PASS
n5	30	10	165800	1@22	CP_QAM16	21.08	-6.8	12.13	38.45	14.28	38.45	PASS
n5	30	10	165800	12@6	CP_QAM64	19.65	-6.8	10.70	38.45	12.85	38.45	PASS
n5	30	10	165800	1@1	CP_QAM64	19.51	-6.8	10.56	38.45	12.71	38.45	PASS
n5	30	10	165800	1@22	CP_QAM64	19.55	-6.8	10.60	38.45	12.75	38.45	PASS
n5	30	10	165800	12@6	CP_QAM256	16.61	-6.8	7.66	38.45	9.81	38.45	PASS
n5	30	10	165800	1@1	CP_QAM256	16.79	-6.8	7.84	38.45	9.99	38.45	PASS

					6								
n5	30	10	165800	1@22	CP_QAM25 6	16.89	-6.8	7.94	38.45	10.09	38.45	PASS	
n5	30	10	167300	12@6	DFT_BPSK	23.04	-6.8	14.09	38.45	16.24	38.45	PASS	
n5	30	10	167300	1@1	DFT_BPSK	23.01	-6.8	14.06	38.45	16.21	38.45	PASS	
n5	30	10	167300	1@22	DFT_BPSK	22.93	-6.8	13.98	38.45	16.13	38.45	PASS	
n5	30	10	167300	12@6	DFT_QPSK	23.14	-6.8	14.19	38.45	16.34	38.45	PASS	
n5	30	10	167300	1@1	DFT_QPSK	23.05	-6.8	14.10	38.45	16.25	38.45	PASS	
n5	30	10	167300	1@22	DFT_QPSK	22.80	-6.8	13.85	38.45	16.00	38.45	PASS	
n5	30	10	167300	12@6	DFT_QAM1 6	22.19	-6.8	13.24	38.45	15.39	38.45	PASS	
n5	30	10	167300	1@1	DFT_QAM1 6	22.24	-6.8	13.29	38.45	15.44	38.45	PASS	
n5	30	10	167300	1@22	DFT_QAM1 6	21.93	-6.8	12.98	38.45	15.13	38.45	PASS	
n5	30	10	167300	12@6	DFT_QAM6 4	20.62	-6.8	11.67	38.45	13.82	38.45	PASS	
n5	30	10	167300	1@1	DFT_QAM6 4	20.64	-6.8	11.69	38.45	13.84	38.45	PASS	
n5	30	10	167300	1@22	DFT_QAM6 4	20.58	-6.8	11.63	38.45	13.78	38.45	PASS	
n5	30	10	167300	12@6	DFT_QAM2 56	18.57	-6.8	9.62	38.45	11.77	38.45	PASS	
n5	30	10	167300	1@1	DFT_QAM2 56	18.70	-6.8	9.75	38.45	11.90	38.45	PASS	
n5	30	10	167300	1@22	DFT_QAM2 56	18.63	-6.8	9.68	38.45	11.83	38.45	PASS	
n5	30	10	167300	12@6	CP_QPSK	21.53	-6.8	12.58	38.45	14.73	38.45	PASS	
n5	30	10	167300	1@1	CP_QPSK	21.55	-6.8	12.60	38.45	14.75	38.45	PASS	
n5	30	10	167300	1@22	CP_QPSK	21.36	-6.8	12.41	38.45	14.56	38.45	PASS	
n5	30	10	167300	12@6	CP_QAM16	21.05	-6.8	12.10	38.45	14.25	38.45	PASS	
n5	30	10	167300	1@1	CP_QAM16	21.25	-6.8	12.30	38.45	14.45	38.45	PASS	
n5	30	10	167300	1@22	CP_QAM16	21.11	-6.8	12.16	38.45	14.31	38.45	PASS	
n5	30	10	167300	12@6	CP_QAM64	19.49	-6.8	10.54	38.45	12.69	38.45	PASS	
n5	30	10	167300	1@1	CP_QAM64	19.70	-6.8	10.75	38.45	12.90	38.45	PASS	
n5	30	10	167300	1@22	CP_QAM64	19.51	-6.8	10.56	38.45	12.71	38.45	PASS	
n5	30	10	167300	12@6	CP_QAM25 6	16.50	-6.8	7.55	38.45	9.70	38.45	PASS	
n5	30	10	167300	1@1	CP_QAM25 6	16.79	-6.8	7.84	38.45	9.99	38.45	PASS	
n5	30	10	167300	1@22	CP_QAM25 6	16.61	-6.8	7.66	38.45	9.81	38.45	PASS	
n5	30	10	168800	12@6	DFT_BPSK	22.97	-6.8	14.02	38.45	16.17	38.45	PASS	
n5	30	10	168800	1@1	DFT_BPSK	22.98	-6.8	14.03	38.45	16.18	38.45	PASS	
n5	30	10	168800	1@22	DFT_BPSK	22.99	-6.8	14.04	38.45	16.19	38.45	PASS	

n5	30	10	168800	12@6	DFT_QPSK	23.06	-6.8	14.11	38.45	16.26	38.45	PASS
n5	30	10	168800	1@1	DFT_QPSK	22.87	-6.8	13.92	38.45	16.07	38.45	PASS
n5	30	10	168800	1@22	DFT_QPSK	22.94	-6.8	13.99	38.45	16.14	38.45	PASS
n5	30	10	168800	12@6	DFT_QAM1 6	22.20	-6.8	13.25	38.45	15.40	38.45	PASS
n5	30	10	168800	1@1	DFT_QAM1 6	22.16	-6.8	13.21	38.45	15.36	38.45	PASS
n5	30	10	168800	1@22	DFT_QAM1 6	22.23	-6.8	13.28	38.45	15.43	38.45	PASS
n5	30	10	168800	12@6	DFT_QAM6 4	20.58	-6.8	11.63	38.45	13.78	38.45	PASS
n5	30	10	168800	1@1	DFT_QAM6 4	20.70	-6.8	11.75	38.45	13.90	38.45	PASS
n5	30	10	168800	1@22	DFT_QAM6 4	20.41	-6.8	11.46	38.45	13.61	38.45	PASS
n5	30	10	168800	12@6	DFT_QAM2 56	18.59	-6.8	9.64	38.45	11.79	38.45	PASS
n5	30	10	168800	1@1	DFT_QAM2 56	18.61	-6.8	9.66	38.45	11.81	38.45	PASS
n5	30	10	168800	1@22	DFT_QAM2 56	18.59	-6.8	9.64	38.45	11.79	38.45	PASS
n5	30	10	168800	12@6	CP_QPSK	21.46	-6.8	12.51	38.45	14.66	38.45	PASS
n5	30	10	168800	1@1	CP_QPSK	21.30	-6.8	12.35	38.45	14.50	38.45	PASS
n5	30	10	168800	1@22	CP_QPSK	21.56	-6.8	12.61	38.45	14.76	38.45	PASS
n5	30	10	168800	12@6	CP_QAM16	21.05	-6.8	12.10	38.45	14.25	38.45	PASS
n5	30	10	168800	1@1	CP_QAM16	21.09	-6.8	12.14	38.45	14.29	38.45	PASS
n5	30	10	168800	1@22	CP_QAM16	20.95	-6.8	12.00	38.45	14.15	38.45	PASS
n5	30	10	168800	12@6	CP_QAM64	19.46	-6.8	10.51	38.45	12.66	38.45	PASS
n5	30	10	168800	1@1	CP_QAM64	19.41	-6.8	10.46	38.45	12.61	38.45	PASS
n5	30	10	168800	1@22	CP_QAM64	19.61	-6.8	10.66	38.45	12.81	38.45	PASS
n5	30	10	168800	12@6	CP_QAM25 6	16.50	-6.8	7.55	38.45	9.70	38.45	PASS
n5	30	10	168800	1@1	CP_QAM25 6	16.65	-6.8	7.70	38.45	9.85	38.45	PASS
n5	30	10	168800	1@22	CP_QAM25 6	16.71	-6.8	7.76	38.45	9.91	38.45	PASS
n5	30	15	166300	18@9	DFT_BPSK	23.12	-6.8	14.17	38.45	16.32	38.45	PASS
n5	30	15	166300	1@1	DFT_BPSK	22.98	-6.8	14.03	38.45	16.18	38.45	PASS
n5	30	15	166300	1@36	DFT_BPSK	22.96	-6.8	14.01	38.45	16.16	38.45	PASS
n5	30	15	166300	18@9	DFT_QPSK	23.16	-6.8	14.21	38.45	16.36	38.45	PASS
n5	30	15	166300	1@1	DFT_QPSK	22.90	-6.8	13.95	38.45	16.10	38.45	PASS
n5	30	15	166300	1@36	DFT_QPSK	22.81	-6.8	13.86	38.45	16.01	38.45	PASS
n5	30	15	166300	18@9	DFT_QAM1 6	22.13	-6.8	13.18	38.45	15.33	38.45	PASS
n5	30	15	166300	1@1	DFT_QAM1 6	22.02	-6.8	13.07	38.45	15.22	38.45	PASS

n5	30	15	166300	1@36	DFT_QAM1 6	21.91	-6.8	12.96	38.45	15.11	38.45	PASS
n5	30	15	166300	18@9	DFT_QAM6 4	20.50	-6.8	11.55	38.45	13.70	38.45	PASS
n5	30	15	166300	1@1	DFT_QAM6 4	20.42	-6.8	11.47	38.45	13.62	38.45	PASS
n5	30	15	166300	1@36	DFT_QAM6 4	20.72	-6.8	11.77	38.45	13.92	38.45	PASS
n5	30	15	166300	18@9	DFT_QAM2 56	18.51	-6.8	9.56	38.45	11.71	38.45	PASS
n5	30	15	166300	1@1	DFT_QAM2 56	18.78	-6.8	9.83	38.45	11.98	38.45	PASS
n5	30	15	166300	1@36	DFT_QAM2 56	18.60	-6.8	9.65	38.45	11.80	38.45	PASS
n5	30	15	166300	19@9	CP_QPSK	21.63	-6.8	12.68	38.45	14.83	38.45	PASS
n5	30	15	166300	1@1	CP_QPSK	21.42	-6.8	12.47	38.45	14.62	38.45	PASS
n5	30	15	166300	1@36	CP_QPSK	21.33	-6.8	12.38	38.45	14.53	38.45	PASS
n5	30	15	166300	19@9	CP_QAM16	21.08	-6.8	12.13	38.45	14.28	38.45	PASS
n5	30	15	166300	1@1	CP_QAM16	21.06	-6.8	12.11	38.45	14.26	38.45	PASS
n5	30	15	166300	1@36	CP_QAM16	20.97	-6.8	12.02	38.45	14.17	38.45	PASS
n5	30	15	166300	19@9	CP_QAM64	19.58	-6.8	10.63	38.45	12.78	38.45	PASS
n5	30	15	166300	1@1	CP_QAM64	19.56	-6.8	10.61	38.45	12.76	38.45	PASS
n5	30	15	166300	1@36	CP_QAM64	19.36	-6.8	10.41	38.45	12.56	38.45	PASS
n5	30	15	166300	19@9	CP_QAM25 6	16.58	-6.8	7.63	38.45	9.78	38.45	PASS
n5	30	15	166300	1@1	CP_QAM25 6	16.75	-6.8	7.80	38.45	9.95	38.45	PASS
n5	30	15	166300	1@36	CP_QAM25 6	16.62	-6.8	7.67	38.45	9.82	38.45	PASS
n5	30	15	167300	18@9	DFT_BPSK	23.03	-6.8	14.08	38.45	16.23	38.45	PASS
n5	30	15	167300	1@1	DFT_BPSK	23.03	-6.8	14.08	38.45	16.23	38.45	PASS
n5	30	15	167300	1@36	DFT_BPSK	22.89	-6.8	13.94	38.45	16.09	38.45	PASS
n5	30	15	167300	18@9	DFT_QPSK	23.03	-6.8	14.08	38.45	16.23	38.45	PASS
n5	30	15	167300	1@1	DFT_QPSK	22.94	-6.8	13.99	38.45	16.14	38.45	PASS
n5	30	15	167300	1@36	DFT_QPSK	22.81	-6.8	13.86	38.45	16.01	38.45	PASS
n5	30	15	167300	18@9	DFT_QAM1 6	22.07	-6.8	13.12	38.45	15.27	38.45	PASS
n5	30	15	167300	1@1	DFT_QAM1 6	22.27	-6.8	13.32	38.45	15.47	38.45	PASS
n5	30	15	167300	1@36	DFT_QAM1 6	22.08	-6.8	13.13	38.45	15.28	38.45	PASS
n5	30	15	167300	18@9	DFT_QAM6 4	20.42	-6.8	11.47	38.45	13.62	38.45	PASS
n5	30	15	167300	1@1	DFT_QAM6 4	20.51	-6.8	11.56	38.45	13.71	38.45	PASS
n5	30	15	167300	1@36	DFT_QAM6 4	20.24	-6.8	11.29	38.45	13.44	38.45	PASS

n5	30	15	167300	18@9	DFT_QAM2 56	18.40	-6.8	9.45	38.45	11.60	38.45	PASS
n5	30	15	167300	1@1	DFT_QAM2 56	18.83	-6.8	9.88	38.45	12.03	38.45	PASS
n5	30	15	167300	1@36	DFT_QAM2 56	18.43	-6.8	9.48	38.45	11.63	38.45	PASS
n5	30	15	167300	19@9	CP_QPSK	21.57	-6.8	12.62	38.45	14.77	38.45	PASS
n5	30	15	167300	1@1	CP_QPSK	21.51	-6.8	12.56	38.45	14.71	38.45	PASS
n5	30	15	167300	1@36	CP_QPSK	21.34	-6.8	12.39	38.45	14.54	38.45	PASS
n5	30	15	167300	19@9	CP_QAM16	20.92	-6.8	11.97	38.45	14.12	38.45	PASS
n5	30	15	167300	1@1	CP_QAM16	21.01	-6.8	12.06	38.45	14.21	38.45	PASS
n5	30	15	167300	1@36	CP_QAM16	20.84	-6.8	11.89	38.45	14.04	38.45	PASS
n5	30	15	167300	19@9	CP_QAM64	19.48	-6.8	10.53	38.45	12.68	38.45	PASS
n5	30	15	167300	1@1	CP_QAM64	19.58	-6.8	10.63	38.45	12.78	38.45	PASS
n5	30	15	167300	1@36	CP_QAM64	19.32	-6.8	10.37	38.45	12.52	38.45	PASS
n5	30	15	167300	19@9	CP_QAM25 6	16.41	-6.8	7.46	38.45	9.61	38.45	PASS
n5	30	15	167300	1@1	CP_QAM25 6	16.72	-6.8	7.77	38.45	9.92	38.45	PASS
n5	30	15	167300	1@36	CP_QAM25 6	16.57	-6.8	7.62	38.45	9.77	38.45	PASS
n5	30	15	168300	18@9	DFT_BPSK	23.01	-6.8	14.06	38.45	16.21	38.45	PASS
n5	30	15	168300	1@1	DFT_BPSK	22.84	-6.8	13.89	38.45	16.04	38.45	PASS
n5	30	15	168300	1@36	DFT_BPSK	23.00	-6.8	14.05	38.45	16.20	38.45	PASS
n5	30	15	168300	18@9	DFT_QPSK	23.04	-6.8	14.09	38.45	16.24	38.45	PASS
n5	30	15	168300	1@1	DFT_QPSK	22.76	-6.8	13.81	38.45	15.96	38.45	PASS
n5	30	15	168300	1@36	DFT_QPSK	22.85	-6.8	13.90	38.45	16.05	38.45	PASS
n5	30	15	168300	18@9	DFT_QAM1 6	22.04	-6.8	13.09	38.45	15.24	38.45	PASS
n5	30	15	168300	1@1	DFT_QAM1 6	22.00	-6.8	13.05	38.45	15.20	38.45	PASS
n5	30	15	168300	1@36	DFT_QAM1 6	22.17	-6.8	13.22	38.45	15.37	38.45	PASS
n5	30	15	168300	18@9	DFT_QAM6 4	20.44	-6.8	11.49	38.45	13.64	38.45	PASS
n5	30	15	168300	1@1	DFT_QAM6 4	20.47	-6.8	11.52	38.45	13.67	38.45	PASS
n5	30	15	168300	1@36	DFT_QAM6 4	20.54	-6.8	11.59	38.45	13.74	38.45	PASS
n5	30	15	168300	18@9	DFT_QAM2 56	18.37	-6.8	9.42	38.45	11.57	38.45	PASS
n5	30	15	168300	1@1	DFT_QAM2 56	18.64	-6.8	9.69	38.45	11.84	38.45	PASS
n5	30	15	168300	1@36	DFT_QAM2 56	18.66	-6.8	9.71	38.45	11.86	38.45	PASS
n5	30	15	168300	19@9	CP_QPSK	21.46	-6.8	12.51	38.45	14.66	38.45	PASS



n5	30	15	168300	1@1	CP_QPSK	21.33	-6.8	12.38	38.45	14.53	38.45	PASS
n5	30	15	168300	1@36	CP_QPSK	21.42	-6.8	12.47	38.45	14.62	38.45	PASS
n5	30	15	168300	19@9	CP_QAM16	20.94	-6.8	11.99	38.45	14.14	38.45	PASS
n5	30	15	168300	1@1	CP_QAM16	21.11	-6.8	12.16	38.45	14.31	38.45	PASS
n5	30	15	168300	1@36	CP_QAM16	21.09	-6.8	12.14	38.45	14.29	38.45	PASS
n5	30	15	168300	19@9	CP_QAM64	19.46	-6.8	10.51	38.45	12.66	38.45	PASS
n5	30	15	168300	1@1	CP_QAM64	19.18	-6.8	10.23	38.45	12.38	38.45	PASS
n5	30	15	168300	1@36	CP_QAM64	19.52	-6.8	10.57	38.45	12.72	38.45	PASS
n5	30	15	168300	19@9	CP_QAM256	16.35	-6.8	7.40	38.45	9.55	38.45	PASS
n5	30	15	168300	1@1	CP_QAM256	16.81	-6.8	7.86	38.45	10.01	38.45	PASS
n5	30	15	168300	1@36	CP_QAM256	16.89	-6.8	7.94	38.45	10.09	38.45	PASS
n5	30	20	166800	25@12	DFT_BPSK	23.04	-6.8	14.09	38.45	16.24	38.45	PASS
n5	30	20	166800	1@1	DFT_BPSK	22.97	-6.8	14.02	38.45	16.17	38.45	PASS
n5	30	20	166800	1@49	DFT_BPSK	22.80	-6.8	13.85	38.45	16.00	38.45	PASS
n5	30	20	166800	25@12	DFT_QPSK	23.14	-6.8	14.19	38.45	16.34	38.45	PASS
n5	30	20	166800	1@1	DFT_QPSK	22.79	-6.8	13.84	38.45	15.99	38.45	PASS
n5	30	20	166800	1@49	DFT_QPSK	22.72	-6.8	13.77	38.45	15.92	38.45	PASS
n5	30	20	166800	25@12	DFT_QAM16	22.13	-6.8	13.18	38.45	15.33	38.45	PASS
n5	30	20	166800	1@1	DFT_QAM16	22.16	-6.8	13.21	38.45	15.36	38.45	PASS
n5	30	20	166800	1@49	DFT_QAM16	22.05	-6.8	13.10	38.45	15.25	38.45	PASS
n5	30	20	166800	25@12	DFT_QAM64	20.58	-6.8	11.63	38.45	13.78	38.45	PASS
n5	30	20	166800	1@1	DFT_QAM64	20.40	-6.8	11.45	38.45	13.60	38.45	PASS
n5	30	20	166800	1@49	DFT_QAM64	20.28	-6.8	11.33	38.45	13.48	38.45	PASS
n5	30	20	166800	25@12	DFT_QAM256	18.52	-6.8	9.57	38.45	11.72	38.45	PASS
n5	30	20	166800	1@1	DFT_QAM256	18.65	-6.8	9.70	38.45	11.85	38.45	PASS
n5	30	20	166800	1@49	DFT_QAM256	18.57	-6.8	9.62	38.45	11.77	38.45	PASS
n5	30	20	166800	25@12	CP_QPSK	21.47	-6.8	12.52	38.45	14.67	38.45	PASS
n5	30	20	166800	1@1	CP_QPSK	21.43	-6.8	12.48	38.45	14.63	38.45	PASS
n5	30	20	166800	1@49	CP_QPSK	21.18	-6.8	12.23	38.45	14.38	38.45	PASS
n5	30	20	166800	25@12	CP_QAM16	21.08	-6.8	12.13	38.45	14.28	38.45	PASS
n5	30	20	166800	1@1	CP_QAM16	21.10	-6.8	12.15	38.45	14.30	38.45	PASS
n5	30	20	166800	1@49	CP_QAM16	21.00	-6.8	12.05	38.45	14.20	38.45	PASS
n5	30	20	166800	25@12	CP_QAM64	19.47	-6.8	10.52	38.45	12.67	38.45	PASS

n5	30	20	166800	1@1	CP_QAM64	19.52	-6.8	10.57	38.45	12.72	38.45	PASS
n5	30	20	166800	1@49	CP_QAM64	19.30	-6.8	10.35	38.45	12.50	38.45	PASS
n5	30	20	166800	25@12	CP_QAM25 6	16.44	-6.8	7.49	38.45	9.64	38.45	PASS
n5	30	20	166800	1@1	CP_QAM25 6	16.72	-6.8	7.77	38.45	9.92	38.45	PASS
n5	30	20	166800	1@49	CP_QAM25 6	16.44	-6.8	7.49	38.45	9.64	38.45	PASS
n5	30	20	167300	25@12	DFT_BPSK	23.07	-6.8	14.12	38.45	16.27	38.45	PASS
n5	30	20	167300	1@1	DFT_BPSK	22.97	-6.8	14.02	38.45	16.17	38.45	PASS
n5	30	20	167300	1@49	DFT_BPSK	22.87	-6.8	13.92	38.45	16.07	38.45	PASS
n5	30	20	167300	25@12	DFT_QPSK	23.11	-6.8	14.16	38.45	16.31	38.45	PASS
n5	30	20	167300	1@1	DFT_QPSK	22.93	-6.8	13.98	38.45	16.13	38.45	PASS
n5	30	20	167300	1@49	DFT_QPSK	22.72	-6.8	13.77	38.45	15.92	38.45	PASS
n5	30	20	167300	25@12	DFT_QAM1 6	22.12	-6.8	13.17	38.45	15.32	38.45	PASS
n5	30	20	167300	1@1	DFT_QAM1 6	22.16	-6.8	13.21	38.45	15.36	38.45	PASS
n5	30	20	167300	1@49	DFT_QAM1 6	22.00	-6.8	13.05	38.45	15.20	38.45	PASS
n5	30	20	167300	25@12	DFT_QAM6 4	20.54	-6.8	11.59	38.45	13.74	38.45	PASS
n5	30	20	167300	1@1	DFT_QAM6 4	20.39	-6.8	11.44	38.45	13.59	38.45	PASS
n5	30	20	167300	1@49	DFT_QAM6 4	20.38	-6.8	11.43	38.45	13.58	38.45	PASS
n5	30	20	167300	25@12	DFT_QAM2 56	18.52	-6.8	9.57	38.45	11.72	38.45	PASS
n5	30	20	167300	1@1	DFT_QAM2 56	18.59	-6.8	9.64	38.45	11.79	38.45	PASS
n5	30	20	167300	1@49	DFT_QAM2 56	18.44	-6.8	9.49	38.45	11.64	38.45	PASS
n5	30	20	167300	25@12	CP_QPSK	21.54	-6.8	12.59	38.45	14.74	38.45	PASS
n5	30	20	167300	1@1	CP_QPSK	21.41	-6.8	12.46	38.45	14.61	38.45	PASS
n5	30	20	167300	1@49	CP_QPSK	21.30	-6.8	12.35	38.45	14.50	38.45	PASS
n5	30	20	167300	25@12	CP_QAM16	21.10	-6.8	12.15	38.45	14.30	38.45	PASS
n5	30	20	167300	1@1	CP_QAM16	21.10	-6.8	12.15	38.45	14.30	38.45	PASS
n5	30	20	167300	1@49	CP_QAM16	20.86	-6.8	11.91	38.45	14.06	38.45	PASS
n5	30	20	167300	25@12	CP_QAM64	19.56	-6.8	10.61	38.45	12.76	38.45	PASS
n5	30	20	167300	1@1	CP_QAM64	19.59	-6.8	10.64	38.45	12.79	38.45	PASS
n5	30	20	167300	1@49	CP_QAM64	19.45	-6.8	10.50	38.45	12.65	38.45	PASS
n5	30	20	167300	25@12	CP_QAM25 6	16.49	-6.8	7.54	38.45	9.69	38.45	PASS
n5	30	20	167300	1@1	CP_QAM25 6	16.62	-6.8	7.67	38.45	9.82	38.45	PASS
n5	30	20	167300	1@49	CP_QAM25	16.33	-6.8	7.38	38.45	9.53	38.45	PASS

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n5	30	20	167800	25@12	DFT_BPSK	23.05	-6.8	14.10	38.45	16.25	38.45	PASS
n5	30	20	167800	1@1	DFT_BPSK	22.99	-6.8	14.04	38.45	16.19	38.45	PASS
n5	30	20	167800	1@49	DFT_BPSK	22.82	-6.8	13.87	38.45	16.02	38.45	PASS
n5	30	20	167800	25@12	DFT_QPSK	22.99	-6.8	14.04	38.45	16.19	38.45	PASS
n5	30	20	167800	1@1	DFT_QPSK	22.83	-6.8	13.88	38.45	16.03	38.45	PASS
n5	30	20	167800	1@49	DFT_QPSK	22.82	-6.8	13.87	38.45	16.02	38.45	PASS
n5	30	20	167800	25@12	DFT_QAM1 6	22.07	-6.8	13.12	38.45	15.27	38.45	PASS
n5	30	20	167800	1@1	DFT_QAM1 6	22.03	-6.8	13.08	38.45	15.23	38.45	PASS
n5	30	20	167800	1@49	DFT_QAM1 6	21.91	-6.8	12.96	38.45	15.11	38.45	PASS
n5	30	20	167800	25@12	DFT_QAM6 4	20.58	-6.8	11.63	38.45	13.78	38.45	PASS
n5	30	20	167800	1@1	DFT_QAM6 4	20.39	-6.8	11.44	38.45	13.59	38.45	PASS
n5	30	20	167800	1@49	DFT_QAM6 4	20.35	-6.8	11.40	38.45	13.55	38.45	PASS
n5	30	20	167800	25@12	DFT_QAM2 56	18.41	-6.8	9.46	38.45	11.61	38.45	PASS
n5	30	20	167800	1@1	DFT_QAM2 56	18.56	-6.8	9.61	38.45	11.76	38.45	PASS
n5	30	20	167800	1@49	DFT_QAM2 56	18.42	-6.8	9.47	38.45	11.62	38.45	PASS
n5	30	20	167800	25@12	CP_QPSK	21.52	-6.8	12.57	38.45	14.72	38.45	PASS
n5	30	20	167800	1@1	CP_QPSK	21.36	-6.8	12.41	38.45	14.56	38.45	PASS
n5	30	20	167800	1@49	CP_QPSK	21.36	-6.8	12.41	38.45	14.56	38.45	PASS
n5	30	20	167800	25@12	CP_QAM16	21.12	-6.8	12.17	38.45	14.32	38.45	PASS
n5	30	20	167800	1@1	CP_QAM16	21.04	-6.8	12.09	38.45	14.24	38.45	PASS
n5	30	20	167800	1@49	CP_QAM16	20.98	-6.8	12.03	38.45	14.18	38.45	PASS
n5	30	20	167800	25@12	CP_QAM64	19.50	-6.8	10.55	38.45	12.70	38.45	PASS
n5	30	20	167800	1@1	CP_QAM64	19.55	-6.8	10.60	38.45	12.75	38.45	PASS
n5	30	20	167800	1@49	CP_QAM64	19.48	-6.8	10.53	38.45	12.68	38.45	PASS
n5	30	20	167800	25@12	CP_QAM25 6	16.51	-6.8	7.56	38.45	9.71	38.45	PASS
n5	30	20	167800	1@1	CP_QAM25 6	16.64	-6.8	7.69	38.45	9.84	38.45	PASS
n5	30	20	167800	1@49	CP_QAM25 6	16.46	-6.8	7.51	38.45	9.66	38.45	PASS

Appendix 5G NR -n7 - SCS 30KHz

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n7	30	10	501000	12@6	DFT_BPSK	22.74	-3.76	16.83	33.01	18.98	33.01	PASS
n7	30	10	501000	1@1	DFT_BPSK	22.70	-3.76	16.79	33.01	18.94	33.01	PASS
n7	30	10	501000	1@22	DFT_BPSK	22.73	-3.76	16.82	33.01	18.97	33.01	PASS
n7	30	10	501000	12@6	DFT_QPSK	22.81	-3.76	16.90	33.01	19.05	33.01	PASS
n7	30	10	501000	1@1	DFT_QPSK	22.63	-3.76	16.72	33.01	18.87	33.01	PASS
n7	30	10	501000	1@22	DFT_QPSK	22.59	-3.76	16.68	33.01	18.83	33.01	PASS
n7	30	10	501000	12@6	DFT_QAM16	21.89	-3.76	15.98	33.01	18.13	33.01	PASS
n7	30	10	501000	1@1	DFT_QAM16	21.95	-3.76	16.04	33.01	18.19	33.01	PASS
n7	30	10	501000	1@22	DFT_QAM16	21.96	-3.76	16.05	33.01	18.20	33.01	PASS
n7	30	10	501000	12@6	DFT_QAM64	20.39	-3.76	14.48	33.01	16.63	33.01	PASS
n7	30	10	501000	1@1	DFT_QAM64	20.15	-3.76	14.24	33.01	16.39	33.01	PASS
n7	30	10	501000	1@22	DFT_QAM64	20.17	-3.76	14.26	33.01	16.41	33.01	PASS
n7	30	10	501000	12@6	DFT_QAM256	18.28	-3.76	12.37	33.01	14.52	33.01	PASS
n7	30	10	501000	1@1	DFT_QAM256	18.49	-3.76	12.58	33.01	14.73	33.01	PASS
n7	30	10	501000	1@22	DFT_QAM256	18.45	-3.76	12.54	33.01	14.69	33.01	PASS
n7	30	10	501000	12@6	CP_QPSK	21.25	-3.76	15.34	33.01	17.49	33.01	PASS
n7	30	10	501000	1@1	CP_QPSK	21.27	-3.76	15.36	33.01	17.51	33.01	PASS
n7	30	10	501000	1@22	CP_QPSK	21.26	-3.76	15.35	33.01	17.50	33.01	PASS
n7	30	10	501000	12@6	CP_QAM16	20.78	-3.76	14.87	33.01	17.02	33.01	PASS
n7	30	10	501000	1@1	CP_QAM16	20.72	-3.76	14.81	33.01	16.96	33.01	PASS
n7	30	10	501000	1@22	CP_QAM16	20.69	-3.76	14.78	33.01	16.93	33.01	PASS
n7	30	10	501000	12@6	CP_QAM64	19.19	-3.76	13.28	33.01	15.43	33.01	PASS
n7	30	10	501000	1@1	CP_QAM64	19.14	-3.76	13.23	33.01	15.38	33.01	PASS
n7	30	10	501000	1@22	CP_QAM64	19.25	-3.76	13.34	33.01	15.49	33.01	PASS
n7	30	10	501000	12@6	CP_QAM256	16.37	-3.76	10.46	33.01	12.61	33.01	PASS
n7	30	10	501000	1@1	CP_QAM256	16.73	-3.76	10.82	33.01	12.97	33.01	PASS

n7	30	10	501000	1@22	CP_QAM25 6	16.62	-3.76	10.71	33.01	12.86	33.01	PASS
n7	30	10	507000	12@6	DFT_BPSK	22.50	-3.76	16.59	33.01	18.74	33.01	PASS
n7	30	10	507000	1@1	DFT_BPSK	22.58	-3.76	16.67	33.01	18.82	33.01	PASS
n7	30	10	507000	1@22	DFT_BPSK	22.47	-3.76	16.56	33.01	18.71	33.01	PASS
n7	30	10	507000	12@6	DFT_QPSK	22.63	-3.76	16.72	33.01	18.87	33.01	PASS
n7	30	10	507000	1@1	DFT_QPSK	22.41	-3.76	16.50	33.01	18.65	33.01	PASS
n7	30	10	507000	1@22	DFT_QPSK	22.35	-3.76	16.44	33.01	18.59	33.01	PASS
n7	30	10	507000	12@6	DFT_QAM1 6	21.66	-3.76	15.75	33.01	17.90	33.01	PASS
n7	30	10	507000	1@1	DFT_QAM1 6	21.76	-3.76	15.85	33.01	18.00	33.01	PASS
n7	30	10	507000	1@22	DFT_QAM1 6	21.69	-3.76	15.78	33.01	17.93	33.01	PASS
n7	30	10	507000	12@6	DFT_QAM6 4	20.08	-3.76	14.17	33.01	16.32	33.01	PASS
n7	30	10	507000	1@1	DFT_QAM6 4	19.85	-3.76	13.94	33.01	16.09	33.01	PASS
n7	30	10	507000	1@22	DFT_QAM6 4	20.17	-3.76	14.26	33.01	16.41	33.01	PASS
n7	30	10	507000	12@6	DFT_QAM2 56	18.15	-3.76	12.24	33.01	14.39	33.01	PASS
n7	30	10	507000	1@1	DFT_QAM2 56	18.25	-3.76	12.34	33.01	14.49	33.01	PASS
n7	30	10	507000	1@22	DFT_QAM2 56	18.10	-3.76	12.19	33.01	14.34	33.01	PASS
n7	30	10	507000	12@6	CP_QPSK	20.97	-3.76	15.06	33.01	17.21	33.01	PASS
n7	30	10	507000	1@1	CP_QPSK	21.07	-3.76	15.16	33.01	17.31	33.01	PASS
n7	30	10	507000	1@22	CP_QPSK	20.84	-3.76	14.93	33.01	17.08	33.01	PASS
n7	30	10	507000	12@6	CP_QAM16	20.57	-3.76	14.66	33.01	16.81	33.01	PASS
n7	30	10	507000	1@1	CP_QAM16	20.71	-3.76	14.80	33.01	16.95	33.01	PASS
n7	30	10	507000	1@22	CP_QAM16	20.33	-3.76	14.42	33.01	16.57	33.01	PASS
n7	30	10	507000	12@6	CP_QAM64	19.02	-3.76	13.11	33.01	15.26	33.01	PASS
n7	30	10	507000	1@1	CP_QAM64	19.17	-3.76	13.26	33.01	15.41	33.01	PASS
n7	30	10	507000	1@22	CP_QAM64	19.00	-3.76	13.09	33.01	15.24	33.01	PASS
n7	30	10	507000	12@6	CP_QAM25 6	16.11	-3.76	10.20	33.01	12.35	33.01	PASS
n7	30	10	507000	1@1	CP_QAM25 6	16.49	-3.76	10.58	33.01	12.73	33.01	PASS
n7	30	10	507000	1@22	CP_QAM25 6	16.50	-3.76	10.59	33.01	12.74	33.01	PASS
n7	30	10	513000	12@6	DFT_BPSK	22.49	-3.76	16.58	33.01	18.73	33.01	PASS
n7	30	10	513000	1@1	DFT_BPSK	22.39	-3.76	16.48	33.01	18.63	33.01	PASS
n7	30	10	513000	1@22	DFT_BPSK	22.46	-3.76	16.55	33.01	18.70	33.01	PASS
n7	30	10	513000	12@6	DFT_QPSK	22.59	-3.76	16.68	33.01	18.83	33.01	PASS

n7	30	10	513000	1@1	DFT_QPSK	22.30	-3.76	16.39	33.01	18.54	33.01	PASS
n7	30	10	513000	1@22	DFT_QPSK	22.32	-3.76	16.41	33.01	18.56	33.01	PASS
n7	30	10	513000	12@6	DFT_QAM1 6	21.72	-3.76	15.81	33.01	17.96	33.01	PASS
n7	30	10	513000	1@1	DFT_QAM1 6	21.72	-3.76	15.81	33.01	17.96	33.01	PASS
n7	30	10	513000	1@22	DFT_QAM1 6	21.52	-3.76	15.61	33.01	17.76	33.01	PASS
n7	30	10	513000	12@6	DFT_QAM6 4	20.16	-3.76	14.25	33.01	16.40	33.01	PASS
n7	30	10	513000	1@1	DFT_QAM6 4	19.86	-3.76	13.95	33.01	16.10	33.01	PASS
n7	30	10	513000	1@22	DFT_QAM6 4	19.89	-3.76	13.98	33.01	16.13	33.01	PASS
n7	30	10	513000	12@6	DFT_QAM2 56	18.10	-3.76	12.19	33.01	14.34	33.01	PASS
n7	30	10	513000	1@1	DFT_QAM2 56	18.16	-3.76	12.25	33.01	14.40	33.01	PASS
n7	30	10	513000	1@22	DFT_QAM2 56	18.22	-3.76	12.31	33.01	14.46	33.01	PASS
n7	30	10	513000	12@6	CP_QPSK	20.91	-3.76	15.00	33.01	17.15	33.01	PASS
n7	30	10	513000	1@1	CP_QPSK	20.86	-3.76	14.95	33.01	17.10	33.01	PASS
n7	30	10	513000	1@22	CP_QPSK	20.77	-3.76	14.86	33.01	17.01	33.01	PASS
n7	30	10	513000	12@6	CP_QAM16	20.65	-3.76	14.74	33.01	16.89	33.01	PASS
n7	30	10	513000	1@1	CP_QAM16	20.61	-3.76	14.70	33.01	16.85	33.01	PASS
n7	30	10	513000	1@22	CP_QAM16	20.64	-3.76	14.73	33.01	16.88	33.01	PASS
n7	30	10	513000	12@6	CP_QAM64	18.99	-3.76	13.08	33.01	15.23	33.01	PASS
n7	30	10	513000	1@1	CP_QAM64	19.01	-3.76	13.10	33.01	15.25	33.01	PASS
n7	30	10	513000	1@22	CP_QAM64	19.03	-3.76	13.12	33.01	15.27	33.01	PASS
n7	30	10	513000	12@6	CP_QAM25 6	16.14	-3.76	10.23	33.01	12.38	33.01	PASS
n7	30	10	513000	1@1	CP_QAM25 6	16.39	-3.76	10.48	33.01	12.63	33.01	PASS
n7	30	10	513000	1@22	CP_QAM25 6	16.42	-3.76	10.51	33.01	12.66	33.01	PASS
n7	30	15	501500	18@9	DFT_BPSK	22.64	-3.76	16.73	33.01	18.88	33.01	PASS
n7	30	15	501500	1@1	DFT_BPSK	22.63	-3.76	16.72	33.01	18.87	33.01	PASS
n7	30	15	501500	1@36	DFT_BPSK	22.57	-3.76	16.66	33.01	18.81	33.01	PASS
n7	30	15	501500	18@9	DFT_QPSK	22.61	-3.76	16.70	33.01	18.85	33.01	PASS
n7	30	15	501500	1@1	DFT_QPSK	22.51	-3.76	16.60	33.01	18.75	33.01	PASS
n7	30	15	501500	1@36	DFT_QPSK	22.47	-3.76	16.56	33.01	18.71	33.01	PASS
n7	30	15	501500	18@9	DFT_QAM1 6	21.62	-3.76	15.71	33.01	17.86	33.01	PASS
n7	30	15	501500	1@1	DFT_QAM1 6	21.89	-3.76	15.98	33.01	18.13	33.01	PASS
n7	30	15	501500	1@36	DFT_QAM1	21.85	-3.76	15.94	33.01	18.09	33.01	PASS

					6								
n7	30	15	501500	18@9	DFT_QAM6 4	20.15	-3.76	14.24	33.01	16.39	33.01	PASS	
n7	30	15	501500	1@1	DFT_QAM6 4	20.00	-3.76	14.09	33.01	16.24	33.01	PASS	
n7	30	15	501500	1@36	DFT_QAM6 4	20.29	-3.76	14.38	33.01	16.53	33.01	PASS	
n7	30	15	501500	18@9	DFT_QAM2 56	18.01	-3.76	12.10	33.01	14.25	33.01	PASS	
n7	30	15	501500	1@1	DFT_QAM2 56	18.36	-3.76	12.45	33.01	14.60	33.01	PASS	
n7	30	15	501500	1@36	DFT_QAM2 56	18.28	-3.76	12.37	33.01	14.52	33.01	PASS	
n7	30	15	501500	19@9	CP_QPSK	21.10	-3.76	15.19	33.01	17.34	33.01	PASS	
n7	30	15	501500	1@1	CP_QPSK	21.01	-3.76	15.10	33.01	17.25	33.01	PASS	
n7	30	15	501500	1@36	CP_QPSK	21.00	-3.76	15.09	33.01	17.24	33.01	PASS	
n7	30	15	501500	19@9	CP_QAM16	20.52	-3.76	14.61	33.01	16.76	33.01	PASS	
n7	30	15	501500	1@1	CP_QAM16	20.57	-3.76	14.66	33.01	16.81	33.01	PASS	
n7	30	15	501500	1@36	CP_QAM16	20.74	-3.76	14.83	33.01	16.98	33.01	PASS	
n7	30	15	501500	19@9	CP_QAM64	19.14	-3.76	13.23	33.01	15.38	33.01	PASS	
n7	30	15	501500	1@1	CP_QAM64	19.20	-3.76	13.29	33.01	15.44	33.01	PASS	
n7	30	15	501500	1@36	CP_QAM64	19.15	-3.76	13.24	33.01	15.39	33.01	PASS	
n7	30	15	501500	19@9	CP_QAM25 6	16.16	-3.76	10.25	33.01	12.40	33.01	PASS	
n7	30	15	501500	1@1	CP_QAM25 6	16.59	-3.76	10.68	33.01	12.83	33.01	PASS	
n7	30	15	501500	1@36	CP_QAM25 6	16.53	-3.76	10.62	33.01	12.77	33.01	PASS	
n7	30	15	507000	18@9	DFT_BPSK	22.50	-3.76	16.59	33.01	18.74	33.01	PASS	
n7	30	15	507000	1@1	DFT_BPSK	22.44	-3.76	16.53	33.01	18.68	33.01	PASS	
n7	30	15	507000	1@36	DFT_BPSK	22.29	-3.76	16.38	33.01	18.53	33.01	PASS	
n7	30	15	507000	18@9	DFT_QPSK	22.46	-3.76	16.55	33.01	18.70	33.01	PASS	
n7	30	15	507000	1@1	DFT_QPSK	22.30	-3.76	16.39	33.01	18.54	33.01	PASS	
n7	30	15	507000	1@36	DFT_QPSK	22.19	-3.76	16.28	33.01	18.43	33.01	PASS	
n7	30	15	507000	18@9	DFT_QAM1 6	21.52	-3.76	15.61	33.01	17.76	33.01	PASS	
n7	30	15	507000	1@1	DFT_QAM1 6	21.63	-3.76	15.72	33.01	17.87	33.01	PASS	
n7	30	15	507000	1@36	DFT_QAM1 6	21.42	-3.76	15.51	33.01	17.66	33.01	PASS	
n7	30	15	507000	18@9	DFT_QAM6 4	20.01	-3.76	14.10	33.01	16.25	33.01	PASS	
n7	30	15	507000	1@1	DFT_QAM6 4	19.85	-3.76	13.94	33.01	16.09	33.01	PASS	
n7	30	15	507000	1@36	DFT_QAM6 4	19.62	-3.76	13.71	33.01	15.86	33.01	PASS	

n7	30	15	507000	18@9	DFT_QAM2 56	17.86	-3.76	11.95	33.01	14.10	33.01	PASS
n7	30	15	507000	1@1	DFT_QAM2 56	18.27	-3.76	12.36	33.01	14.51	33.01	PASS
n7	30	15	507000	1@36	DFT_QAM2 56	17.98	-3.76	12.07	33.01	14.22	33.01	PASS
n7	30	15	507000	19@9	CP_QPSK	20.96	-3.76	15.05	33.01	17.20	33.01	PASS
n7	30	15	507000	1@1	CP_QPSK	20.97	-3.76	15.06	33.01	17.21	33.01	PASS
n7	30	15	507000	1@36	CP_QPSK	20.73	-3.76	14.82	33.01	16.97	33.01	PASS
n7	30	15	507000	19@9	CP_QAM16	20.42	-3.76	14.51	33.01	16.66	33.01	PASS
n7	30	15	507000	1@1	CP_QAM16	20.76	-3.76	14.85	33.01	17.00	33.01	PASS
n7	30	15	507000	1@36	CP_QAM16	20.54	-3.76	14.63	33.01	16.78	33.01	PASS
n7	30	15	507000	19@9	CP_QAM64	18.90	-3.76	12.99	33.01	15.14	33.01	PASS
n7	30	15	507000	1@1	CP_QAM64	18.69	-3.76	12.78	33.01	14.93	33.01	PASS
n7	30	15	507000	1@36	CP_QAM64	18.45	-3.76	12.54	33.01	14.69	33.01	PASS
n7	30	15	507000	19@9	CP_QAM25 6	16.08	-3.76	10.17	33.01	12.32	33.01	PASS
n7	30	15	507000	1@1	CP_QAM25 6	16.72	-3.76	10.81	33.01	12.96	33.01	PASS
n7	30	15	507000	1@36	CP_QAM25 6	16.52	-3.76	10.61	33.01	12.76	33.01	PASS
n7	30	15	512500	18@9	DFT_BPSK	22.52	-3.76	16.61	33.01	18.76	33.01	PASS
n7	30	15	512500	1@1	DFT_BPSK	22.26	-3.76	16.35	33.01	18.50	33.01	PASS
n7	30	15	512500	1@36	DFT_BPSK	22.28	-3.76	16.37	33.01	18.52	33.01	PASS
n7	30	15	512500	18@9	DFT_QPSK	22.47	-3.76	16.56	33.01	18.71	33.01	PASS
n7	30	15	512500	1@1	DFT_QPSK	22.14	-3.76	16.23	33.01	18.38	33.01	PASS
n7	30	15	512500	1@36	DFT_QPSK	22.21	-3.76	16.30	33.01	18.45	33.01	PASS
n7	30	15	512500	18@9	DFT_QAM1 6	21.48	-3.76	15.57	33.01	17.72	33.01	PASS
n7	30	15	512500	1@1	DFT_QAM1 6	21.55	-3.76	15.64	33.01	17.79	33.01	PASS
n7	30	15	512500	1@36	DFT_QAM1 6	21.65	-3.76	15.74	33.01	17.89	33.01	PASS
n7	30	15	512500	18@9	DFT_QAM6 4	19.91	-3.76	14.00	33.01	16.15	33.01	PASS
n7	30	15	512500	1@1	DFT_QAM6 4	19.69	-3.76	13.78	33.01	15.93	33.01	PASS
n7	30	15	512500	1@36	DFT_QAM6 4	19.79	-3.76	13.88	33.01	16.03	33.01	PASS
n7	30	15	512500	18@9	DFT_QAM2 56	17.93	-3.76	12.02	33.01	14.17	33.01	PASS
n7	30	15	512500	1@1	DFT_QAM2 56	18.12	-3.76	12.21	33.01	14.36	33.01	PASS
n7	30	15	512500	1@36	DFT_QAM2 56	18.12	-3.76	12.21	33.01	14.36	33.01	PASS
n7	30	15	512500	19@9	CP_QPSK	20.92	-3.76	15.01	33.01	17.16	33.01	PASS



n7	30	15	512500	1@1	CP_QPSK	20.80	-3.76	14.89	33.01	17.04	33.01	PASS
n7	30	15	512500	1@36	CP_QPSK	20.81	-3.76	14.90	33.01	17.05	33.01	PASS
n7	30	15	512500	19@9	CP_QAM16	20.40	-3.76	14.49	33.01	16.64	33.01	PASS
n7	30	15	512500	1@1	CP_QAM16	20.52	-3.76	14.61	33.01	16.76	33.01	PASS
n7	30	15	512500	1@36	CP_QAM16	20.34	-3.76	14.43	33.01	16.58	33.01	PASS
n7	30	15	512500	19@9	CP_QAM64	19.02	-3.76	13.11	33.01	15.26	33.01	PASS
n7	30	15	512500	1@1	CP_QAM64	18.54	-3.76	12.63	33.01	14.78	33.01	PASS
n7	30	15	512500	1@36	CP_QAM64	18.82	-3.76	12.91	33.01	15.06	33.01	PASS
n7	30	15	512500	19@9	CP_QAM256	16.09	-3.76	10.18	33.01	12.33	33.01	PASS
n7	30	15	512500	1@1	CP_QAM256	16.59	-3.76	10.68	33.01	12.83	33.01	PASS
n7	30	15	512500	1@36	CP_QAM256	16.69	-3.76	10.78	33.01	12.93	33.01	PASS
n7	30	20	502000	25@12	DFT_BPSK	22.62	-3.76	16.71	33.01	18.86	33.01	PASS
n7	30	20	502000	1@1	DFT_BPSK	22.49	-3.76	16.58	33.01	18.73	33.01	PASS
n7	30	20	502000	1@49	DFT_BPSK	22.48	-3.76	16.57	33.01	18.72	33.01	PASS
n7	30	20	502000	25@12	DFT_QPSK	22.69	-3.76	16.78	33.01	18.93	33.01	PASS
n7	30	20	502000	1@1	DFT_QPSK	22.32	-3.76	16.41	33.01	18.56	33.01	PASS
n7	30	20	502000	1@49	DFT_QPSK	22.39	-3.76	16.48	33.01	18.63	33.01	PASS
n7	30	20	502000	25@12	DFT_QAM16	21.70	-3.76	15.79	33.01	17.94	33.01	PASS
n7	30	20	502000	1@1	DFT_QAM16	21.78	-3.76	15.87	33.01	18.02	33.01	PASS
n7	30	20	502000	1@49	DFT_QAM16	21.70	-3.76	15.79	33.01	17.94	33.01	PASS
n7	30	20	502000	25@12	DFT_QAM64	20.07	-3.76	14.16	33.01	16.31	33.01	PASS
n7	30	20	502000	1@1	DFT_QAM64	20.03	-3.76	14.12	33.01	16.27	33.01	PASS
n7	30	20	502000	1@49	DFT_QAM64	20.03	-3.76	14.12	33.01	16.27	33.01	PASS
n7	30	20	502000	25@12	DFT_QAM256	18.04	-3.76	12.13	33.01	14.28	33.01	PASS
n7	30	20	502000	1@1	DFT_QAM256	18.35	-3.76	12.44	33.01	14.59	33.01	PASS
n7	30	20	502000	1@49	DFT_QAM256	18.25	-3.76	12.34	33.01	14.49	33.01	PASS
n7	30	20	502000	25@12	CP_QPSK	21.09	-3.76	15.18	33.01	17.33	33.01	PASS
n7	30	20	502000	1@1	CP_QPSK	20.92	-3.76	15.01	33.01	17.16	33.01	PASS
n7	30	20	502000	1@49	CP_QPSK	21.02	-3.76	15.11	33.01	17.26	33.01	PASS
n7	30	20	502000	25@12	CP_QAM16	20.60	-3.76	14.69	33.01	16.84	33.01	PASS
n7	30	20	502000	1@1	CP_QAM16	20.70	-3.76	14.79	33.01	16.94	33.01	PASS
n7	30	20	502000	1@49	CP_QAM16	20.74	-3.76	14.83	33.01	16.98	33.01	PASS
n7	30	20	502000	25@12	CP_QAM64	19.09	-3.76	13.18	33.01	15.33	33.01	PASS

n7	30	20	502000	1@1	CP_QAM64	19.01	-3.76	13.10	33.01	15.25	33.01	PASS
n7	30	20	502000	1@49	CP_QAM64	18.94	-3.76	13.03	33.01	15.18	33.01	PASS
n7	30	20	502000	25@12	CP_QAM25 6	16.20	-3.76	10.29	33.01	12.44	33.01	PASS
n7	30	20	502000	1@1	CP_QAM25 6	16.55	-3.76	10.64	33.01	12.79	33.01	PASS
n7	30	20	502000	1@49	CP_QAM25 6	16.39	-3.76	10.48	33.01	12.63	33.01	PASS
n7	30	20	507000	25@12	DFT_BPSK	22.50	-3.76	16.59	33.01	18.74	33.01	PASS
n7	30	20	507000	1@1	DFT_BPSK	22.39	-3.76	16.48	33.01	18.63	33.01	PASS
n7	30	20	507000	1@49	DFT_BPSK	22.23	-3.76	16.32	33.01	18.47	33.01	PASS
n7	30	20	507000	25@12	DFT_QPSK	22.49	-3.76	16.58	33.01	18.73	33.01	PASS
n7	30	20	507000	1@1	DFT_QPSK	22.39	-3.76	16.48	33.01	18.63	33.01	PASS
n7	30	20	507000	1@49	DFT_QPSK	22.13	-3.76	16.22	33.01	18.37	33.01	PASS
n7	30	20	507000	25@12	DFT_QAM1 6	21.53	-3.76	15.62	33.01	17.77	33.01	PASS
n7	30	20	507000	1@1	DFT_QAM1 6	21.57	-3.76	15.66	33.01	17.81	33.01	PASS
n7	30	20	507000	1@49	DFT_QAM1 6	21.37	-3.76	15.46	33.01	17.61	33.01	PASS
n7	30	20	507000	25@12	DFT_QAM6 4	19.91	-3.76	14.00	33.01	16.15	33.01	PASS
n7	30	20	507000	1@1	DFT_QAM6 4	20.07	-3.76	14.16	33.01	16.31	33.01	PASS
n7	30	20	507000	1@49	DFT_QAM6 4	19.81	-3.76	13.90	33.01	16.05	33.01	PASS
n7	30	20	507000	25@12	DFT_QAM2 56	17.97	-3.76	12.06	33.01	14.21	33.01	PASS
n7	30	20	507000	1@1	DFT_QAM2 56	18.13	-3.76	12.22	33.01	14.37	33.01	PASS
n7	30	20	507000	1@49	DFT_QAM2 56	17.93	-3.76	12.02	33.01	14.17	33.01	PASS
n7	30	20	507000	25@12	CP_QPSK	20.93	-3.76	15.02	33.01	17.17	33.01	PASS
n7	30	20	507000	1@1	CP_QPSK	20.93	-3.76	15.02	33.01	17.17	33.01	PASS
n7	30	20	507000	1@49	CP_QPSK	20.70	-3.76	14.79	33.01	16.94	33.01	PASS
n7	30	20	507000	25@12	CP_QAM16	20.53	-3.76	14.62	33.01	16.77	33.01	PASS
n7	30	20	507000	1@1	CP_QAM16	20.59	-3.76	14.68	33.01	16.83	33.01	PASS
n7	30	20	507000	1@49	CP_QAM16	20.35	-3.76	14.44	33.01	16.59	33.01	PASS
n7	30	20	507000	25@12	CP_QAM64	18.87	-3.76	12.96	33.01	15.11	33.01	PASS
n7	30	20	507000	1@1	CP_QAM64	18.79	-3.76	12.88	33.01	15.03	33.01	PASS
n7	30	20	507000	1@49	CP_QAM64	18.82	-3.76	12.91	33.01	15.06	33.01	PASS
n7	30	20	507000	25@12	CP_QAM25 6	16.06	-3.76	10.15	33.01	12.30	33.01	PASS
n7	30	20	507000	1@1	CP_QAM25 6	16.42	-3.76	10.51	33.01	12.66	33.01	PASS
n7	30	20	507000	1@49	CP_QAM25	16.13	-3.76	10.22	33.01	12.37	33.01	PASS

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n7	30	20	512000	25@12	DFT_BPSK	22.45	-3.76	16.54	33.01	18.69	33.01	PASS
n7	30	20	512000	1@1	DFT_BPSK	22.16	-3.76	16.25	33.01	18.40	33.01	PASS
n7	30	20	512000	1@49	DFT_BPSK	22.33	-3.76	16.42	33.01	18.57	33.01	PASS
n7	30	20	512000	25@12	DFT_QPSK	22.47	-3.76	16.56	33.01	18.71	33.01	PASS
n7	30	20	512000	1@1	DFT_QPSK	22.10	-3.76	16.19	33.01	18.34	33.01	PASS
n7	30	20	512000	1@49	DFT_QPSK	22.19	-3.76	16.28	33.01	18.43	33.01	PASS
n7	30	20	512000	25@12	DFT_QAM1 6	21.52	-3.76	15.61	33.01	17.76	33.01	PASS
n7	30	20	512000	1@1	DFT_QAM1 6	21.44	-3.76	15.53	33.01	17.68	33.01	PASS
n7	30	20	512000	1@49	DFT_QAM1 6	21.29	-3.76	15.38	33.01	17.53	33.01	PASS
n7	30	20	512000	25@12	DFT_QAM6 4	19.97	-3.76	14.06	33.01	16.21	33.01	PASS
n7	30	20	512000	1@1	DFT_QAM6 4	19.57	-3.76	13.66	33.01	15.81	33.01	PASS
n7	30	20	512000	1@49	DFT_QAM6 4	19.67	-3.76	13.76	33.01	15.91	33.01	PASS
n7	30	20	512000	25@12	DFT_QAM2 56	17.86	-3.76	11.95	33.01	14.10	33.01	PASS
n7	30	20	512000	1@1	DFT_QAM2 56	17.75	-3.76	11.84	33.01	13.99	33.01	PASS
n7	30	20	512000	1@49	DFT_QAM2 56	18.02	-3.76	12.11	33.01	14.26	33.01	PASS
n7	30	20	512000	25@12	CP_QPSK	20.83	-3.76	14.92	33.01	17.07	33.01	PASS
n7	30	20	512000	1@1	CP_QPSK	20.52	-3.76	14.61	33.01	16.76	33.01	PASS
n7	30	20	512000	1@49	CP_QPSK	20.63	-3.76	14.72	33.01	16.87	33.01	PASS
n7	30	20	512000	25@12	CP_QAM16	20.48	-3.76	14.57	33.01	16.72	33.01	PASS
n7	30	20	512000	1@1	CP_QAM16	20.34	-3.76	14.43	33.01	16.58	33.01	PASS
n7	30	20	512000	1@49	CP_QAM16	20.53	-3.76	14.62	33.01	16.77	33.01	PASS
n7	30	20	512000	25@12	CP_QAM64	18.92	-3.76	13.01	33.01	15.16	33.01	PASS
n7	30	20	512000	1@1	CP_QAM64	18.62	-3.76	12.71	33.01	14.86	33.01	PASS
n7	30	20	512000	1@49	CP_QAM64	18.87	-3.76	12.96	33.01	15.11	33.01	PASS
n7	30	20	512000	25@12	CP_QAM25 6	16.04	-3.76	10.13	33.01	12.28	33.01	PASS
n7	30	20	512000	1@1	CP_QAM25 6	16.14	-3.76	10.23	33.01	12.38	33.01	PASS
n7	30	20	512000	1@49	CP_QAM25 6	16.43	-3.76	10.52	33.01	12.67	33.01	PASS

Appendix 5G NR -n12 - SCS 30KHz

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n12	30	10	140800	12@6	DFT_BPSK	23.58	-8.16	13.27	34.77	15.42	34.77	PASS
n12	30	10	140800	1@1	DFT_BPSK	23.53	-8.16	13.22	34.77	15.37	34.77	PASS
n12	30	10	140800	1@22	DFT_BPSK	23.43	-8.16	13.12	34.77	15.27	34.77	PASS
n12	30	10	140800	12@6	DFT_QPSK	23.68	-8.16	13.37	34.77	15.52	34.77	PASS
n12	30	10	140800	1@1	DFT_QPSK	23.45	-8.16	13.14	34.77	15.29	34.77	PASS
n12	30	10	140800	1@22	DFT_QPSK	23.34	-8.16	13.03	34.77	15.18	34.77	PASS
n12	30	10	140800	12@6	DFT_QAM16	22.72	-8.16	12.41	34.77	14.56	34.77	PASS
n12	30	10	140800	1@1	DFT_QAM16	22.84	-8.16	12.53	34.77	14.68	34.77	PASS
n12	30	10	140800	1@22	DFT_QAM16	22.68	-8.16	12.37	34.77	14.52	34.77	PASS
n12	30	10	140800	12@6	DFT_QAM64	21.05	-8.16	10.74	34.77	12.89	34.77	PASS
n12	30	10	140800	1@1	DFT_QAM64	21.08	-8.16	10.77	34.77	12.92	34.77	PASS
n12	30	10	140800	1@22	DFT_QAM64	20.82	-8.16	10.51	34.77	12.66	34.77	PASS
n12	30	10	140800	12@6	DFT_QAM256	19.14	-8.16	8.83	34.77	10.98	34.77	PASS
n12	30	10	140800	1@1	DFT_QAM256	19.34	-8.16	9.03	34.77	11.18	34.77	PASS
n12	30	10	140800	1@22	DFT_QAM256	19.23	-8.16	8.92	34.77	11.07	34.77	PASS
n12	30	10	140800	12@6	CP_QPSK	22.16	-8.16	11.85	34.77	14.00	34.77	PASS
n12	30	10	140800	1@1	CP_QPSK	21.90	-8.16	11.59	34.77	13.74	34.77	PASS
n12	30	10	140800	1@22	CP_QPSK	21.86	-8.16	11.55	34.77	13.70	34.77	PASS
n12	30	10	140800	12@6	CP_QAM16	21.74	-8.16	11.43	34.77	13.58	34.77	PASS
n12	30	10	140800	1@1	CP_QAM16	21.50	-8.16	11.19	34.77	13.34	34.77	PASS
n12	30	10	140800	1@22	CP_QAM16	21.61	-8.16	11.30	34.77	13.45	34.77	PASS
n12	30	10	140800	12@6	CP_QAM64	20.08	-8.16	9.77	34.77	11.92	34.77	PASS
n12	30	10	140800	1@1	CP_QAM64	20.13	-8.16	9.82	34.77	11.97	34.77	PASS
n12	30	10	140800	1@22	CP_QAM64	19.84	-8.16	9.53	34.77	11.68	34.77	PASS
n12	30	10	140800	12@6	CP_QAM256	17.01	-8.16	6.70	34.77	8.85	34.77	PASS
n12	30	10	140800	1@1	CP_QAM256	17.27	-8.16	6.96	34.77	9.11	34.77	PASS

n12	30	10	140800	1@22	CP_QAM25 6	17.11	-8.16	6.80	34.77	8.95	34.77	PASS
n12	30	10	141500	12@6	DFT_BPSK	23.44	-8.16	13.13	34.77	15.28	34.77	PASS
n12	30	10	141500	1@1	DFT_BPSK	23.46	-8.16	13.15	34.77	15.30	34.77	PASS
n12	30	10	141500	1@22	DFT_BPSK	23.34	-8.16	13.03	34.77	15.18	34.77	PASS
n12	30	10	141500	12@6	DFT_QPSK	23.59	-8.16	13.28	34.77	15.43	34.77	PASS
n12	30	10	141500	1@1	DFT_QPSK	23.43	-8.16	13.12	34.77	15.27	34.77	PASS
n12	30	10	141500	1@22	DFT_QPSK	23.24	-8.16	12.93	34.77	15.08	34.77	PASS
n12	30	10	141500	12@6	DFT_QAM1 6	22.67	-8.16	12.36	34.77	14.51	34.77	PASS
n12	30	10	141500	1@1	DFT_QAM1 6	22.69	-8.16	12.38	34.77	14.53	34.77	PASS
n12	30	10	141500	1@22	DFT_QAM1 6	22.54	-8.16	12.23	34.77	14.38	34.77	PASS
n12	30	10	141500	12@6	DFT_QAM6 4	21.05	-8.16	10.74	34.77	12.89	34.77	PASS
n12	30	10	141500	1@1	DFT_QAM6 4	20.92	-8.16	10.61	34.77	12.76	34.77	PASS
n12	30	10	141500	1@22	DFT_QAM6 4	20.98	-8.16	10.67	34.77	12.82	34.77	PASS
n12	30	10	141500	12@6	DFT_QAM2 56	19.13	-8.16	8.82	34.77	10.97	34.77	PASS
n12	30	10	141500	1@1	DFT_QAM2 56	19.29	-8.16	8.98	34.77	11.13	34.77	PASS
n12	30	10	141500	1@22	DFT_QAM2 56	19.11	-8.16	8.80	34.77	10.95	34.77	PASS
n12	30	10	141500	12@6	CP_QPSK	22.09	-8.16	11.78	34.77	13.93	34.77	PASS
n12	30	10	141500	1@1	CP_QPSK	22.01	-8.16	11.70	34.77	13.85	34.77	PASS
n12	30	10	141500	1@22	CP_QPSK	21.63	-8.16	11.32	34.77	13.47	34.77	PASS
n12	30	10	141500	12@6	CP_QAM16	21.54	-8.16	11.23	34.77	13.38	34.77	PASS
n12	30	10	141500	1@1	CP_QAM16	21.72	-8.16	11.41	34.77	13.56	34.77	PASS
n12	30	10	141500	1@22	CP_QAM16	21.51	-8.16	11.20	34.77	13.35	34.77	PASS
n12	30	10	141500	12@6	CP_QAM64	20.03	-8.16	9.72	34.77	11.87	34.77	PASS
n12	30	10	141500	1@1	CP_QAM64	20.19	-8.16	9.88	34.77	12.03	34.77	PASS
n12	30	10	141500	1@22	CP_QAM64	19.93	-8.16	9.62	34.77	11.77	34.77	PASS
n12	30	10	141500	12@6	CP_QAM25 6	16.92	-8.16	6.61	34.77	8.76	34.77	PASS
n12	30	10	141500	1@1	CP_QAM25 6	17.24	-8.16	6.93	34.77	9.08	34.77	PASS
n12	30	10	141500	1@22	CP_QAM25 6	17.03	-8.16	6.72	34.77	8.87	34.77	PASS
n12	30	10	142200	12@6	DFT_BPSK	23.37	-8.16	13.06	34.77	15.21	34.77	PASS
n12	30	10	142200	1@1	DFT_BPSK	23.44	-8.16	13.13	34.77	15.28	34.77	PASS
n12	30	10	142200	1@22	DFT_BPSK	23.24	-8.16	12.93	34.77	15.08	34.77	PASS
n12	30	10	142200	12@6	DFT_QPSK	23.47	-8.16	13.16	34.77	15.31	34.77	PASS

n12	30	10	142200	1@1	DFT_QPSK	23.45	-8.16	13.14	34.77	15.29	34.77	PASS
n12	30	10	142200	1@22	DFT_QPSK	23.16	-8.16	12.85	34.77	15.00	34.77	PASS
n12	30	10	142200	12@6	DFT_QAM16	22.69	-8.16	12.38	34.77	14.53	34.77	PASS
n12	30	10	142200	1@1	DFT_QAM16	22.72	-8.16	12.41	34.77	14.56	34.77	PASS
n12	30	10	142200	1@22	DFT_QAM16	22.40	-8.16	12.09	34.77	14.24	34.77	PASS
n12	30	10	142200	12@6	DFT_QAM64	20.93	-8.16	10.62	34.77	12.77	34.77	PASS
n12	30	10	142200	1@1	DFT_QAM64	21.18	-8.16	10.87	34.77	13.02	34.77	PASS
n12	30	10	142200	1@22	DFT_QAM64	20.55	-8.16	10.24	34.77	12.39	34.77	PASS
n12	30	10	142200	12@6	DFT_QAM256	19.05	-8.16	8.74	34.77	10.89	34.77	PASS
n12	30	10	142200	1@1	DFT_QAM256	19.17	-8.16	8.86	34.77	11.01	34.77	PASS
n12	30	10	142200	1@22	DFT_QAM256	18.94	-8.16	8.63	34.77	10.78	34.77	PASS
n12	30	10	142200	12@6	CP_QPSK	22.02	-8.16	11.71	34.77	13.86	34.77	PASS
n12	30	10	142200	1@1	CP_QPSK	21.84	-8.16	11.53	34.77	13.68	34.77	PASS
n12	30	10	142200	1@22	CP_QPSK	21.70	-8.16	11.39	34.77	13.54	34.77	PASS
n12	30	10	142200	12@6	CP_QAM16	21.54	-8.16	11.23	34.77	13.38	34.77	PASS
n12	30	10	142200	1@1	CP_QAM16	21.43	-8.16	11.12	34.77	13.27	34.77	PASS
n12	30	10	142200	1@22	CP_QAM16	21.38	-8.16	11.07	34.77	13.22	34.77	PASS
n12	30	10	142200	12@6	CP_QAM64	19.89	-8.16	9.58	34.77	11.73	34.77	PASS
n12	30	10	142200	1@1	CP_QAM64	19.94	-8.16	9.63	34.77	11.78	34.77	PASS
n12	30	10	142200	1@22	CP_QAM64	19.73	-8.16	9.42	34.77	11.57	34.77	PASS
n12	30	10	142200	12@6	CP_QAM256	16.88	-8.16	6.57	34.77	8.72	34.77	PASS
n12	30	10	142200	1@1	CP_QAM256	17.18	-8.16	6.87	34.77	9.02	34.77	PASS
n12	30	10	142200	1@22	CP_QAM256	16.98	-8.16	6.67	34.77	8.82	34.77	PASS
n12	30	15	141300	18@9	DFT_BPSK	23.48	-8.16	13.17	34.77	15.32	34.77	PASS
n12	30	15	141300	1@1	DFT_BPSK	23.48	-8.16	13.17	34.77	15.32	34.77	PASS
n12	30	15	141300	1@36	DFT_BPSK	23.19	-8.16	12.88	34.77	15.03	34.77	PASS
n12	30	15	141300	18@9	DFT_QPSK	23.54	-8.16	13.23	34.77	15.38	34.77	PASS
n12	30	15	141300	1@1	DFT_QPSK	23.45	-8.16	13.14	34.77	15.29	34.77	PASS
n12	30	15	141300	1@36	DFT_QPSK	23.12	-8.16	12.81	34.77	14.96	34.77	PASS
n12	30	15	141300	18@9	DFT_QAM16	22.46	-8.16	12.15	34.77	14.30	34.77	PASS
n12	30	15	141300	1@1	DFT_QAM16	22.60	-8.16	12.29	34.77	14.44	34.77	PASS
n12	30	15	141300	1@36	DFT_QAM16	22.41	-8.16	12.10	34.77	14.25	34.77	PASS

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n12	30	15	141300	18@9	DFT_QAM6 4	21.03	-8.16	10.72	34.77	12.87	34.77	PASS	
n12	30	15	141300	1@1	DFT_QAM6 4	20.94	-8.16	10.63	34.77	12.78	34.77	PASS	
n12	30	15	141300	1@36	DFT_QAM6 4	20.86	-8.16	10.55	34.77	12.70	34.77	PASS	
n12	30	15	141300	18@9	DFT_QAM2 56	18.89	-8.16	8.58	34.77	10.73	34.77	PASS	
n12	30	15	141300	1@1	DFT_QAM2 56	19.11	-8.16	8.80	34.77	10.95	34.77	PASS	
n12	30	15	141300	1@36	DFT_QAM2 56	18.99	-8.16	8.68	34.77	10.83	34.77	PASS	
n12	30	15	141300	19@9	CP_QPSK	22.00	-8.16	11.69	34.77	13.84	34.77	PASS	
n12	30	15	141300	1@1	CP_QPSK	21.85	-8.16	11.54	34.77	13.69	34.77	PASS	
n12	30	15	141300	1@36	CP_QPSK	21.61	-8.16	11.30	34.77	13.45	34.77	PASS	
n12	30	15	141300	19@9	CP_QAM16	21.42	-8.16	11.11	34.77	13.26	34.77	PASS	
n12	30	15	141300	1@1	CP_QAM16	21.48	-8.16	11.17	34.77	13.32	34.77	PASS	
n12	30	15	141300	1@36	CP_QAM16	21.40	-8.16	11.09	34.77	13.24	34.77	PASS	
n12	30	15	141300	19@9	CP_QAM64	19.97	-8.16	9.66	34.77	11.81	34.77	PASS	
n12	30	15	141300	1@1	CP_QAM64	20.03	-8.16	9.72	34.77	11.87	34.77	PASS	
n12	30	15	141300	1@36	CP_QAM64	19.86	-8.16	9.55	34.77	11.70	34.77	PASS	
n12	30	15	141300	19@9	CP_QAM25 6	16.95	-8.16	6.64	34.77	8.79	34.77	PASS	
n12	30	15	141300	1@1	CP_QAM25 6	17.18	-8.16	6.87	34.77	9.02	34.77	PASS	
n12	30	15	141300	1@36	CP_QAM25 6	16.97	-8.16	6.66	34.77	8.81	34.77	PASS	
n12	30	15	141500	18@9	DFT_BPSK	23.47	-8.16	13.16	34.77	15.31	34.77	PASS	
n12	30	15	141500	1@1	DFT_BPSK	23.53	-8.16	13.22	34.77	15.37	34.77	PASS	
n12	30	15	141500	1@36	DFT_BPSK	23.15	-8.16	12.84	34.77	14.99	34.77	PASS	
n12	30	15	141500	18@9	DFT_QPSK	23.49	-8.16	13.18	34.77	15.33	34.77	PASS	
n12	30	15	141500	1@1	DFT_QPSK	23.40	-8.16	13.09	34.77	15.24	34.77	PASS	
n12	30	15	141500	1@36	DFT_QPSK	23.13	-8.16	12.82	34.77	14.97	34.77	PASS	
n12	30	15	141500	18@9	DFT_QAM1 6	22.58	-8.16	12.27	34.77	14.42	34.77	PASS	
n12	30	15	141500	1@1	DFT_QAM1 6	22.74	-8.16	12.43	34.77	14.58	34.77	PASS	
n12	30	15	141500	1@36	DFT_QAM1 6	22.42	-8.16	12.11	34.77	14.26	34.77	PASS	
n12	30	15	141500	18@9	DFT_QAM6 4	20.93	-8.16	10.62	34.77	12.77	34.77	PASS	
n12	30	15	141500	1@1	DFT_QAM6 4	20.93	-8.16	10.62	34.77	12.77	34.77	PASS	
n12	30	15	141500	1@36	DFT_QAM6 4	20.94	-8.16	10.63	34.77	12.78	34.77	PASS	

n12	30	15	141500	18@9	DFT_QAM2 56	18.92	-8.16	8.61	34.77	10.76	34.77	PASS
n12	30	15	141500	1@1	DFT_QAM2 56	19.26	-8.16	8.95	34.77	11.10	34.77	PASS
n12	30	15	141500	1@36	DFT_QAM2 56	18.90	-8.16	8.59	34.77	10.74	34.77	PASS
n12	30	15	141500	19@9	CP_QPSK	21.97	-8.16	11.66	34.77	13.81	34.77	PASS
n12	30	15	141500	1@1	CP_QPSK	21.80	-8.16	11.49	34.77	13.64	34.77	PASS
n12	30	15	141500	1@36	CP_QPSK	21.67	-8.16	11.36	34.77	13.51	34.77	PASS
n12	30	15	141500	19@9	CP_QAM16	21.49	-8.16	11.18	34.77	13.33	34.77	PASS
n12	30	15	141500	1@1	CP_QAM16	21.47	-8.16	11.16	34.77	13.31	34.77	PASS
n12	30	15	141500	1@36	CP_QAM16	21.14	-8.16	10.83	34.77	12.98	34.77	PASS
n12	30	15	141500	19@9	CP_QAM64	20.04	-8.16	9.73	34.77	11.88	34.77	PASS
n12	30	15	141500	1@1	CP_QAM64	19.87	-8.16	9.56	34.77	11.71	34.77	PASS
n12	30	15	141500	1@36	CP_QAM64	19.57	-8.16	9.26	34.77	11.41	34.77	PASS
n12	30	15	141500	19@9	CP_QAM25 6	16.97	-8.16	6.66	34.77	8.81	34.77	PASS
n12	30	15	141500	1@1	CP_QAM25 6	17.27	-8.16	6.96	34.77	9.11	34.77	PASS
n12	30	15	141500	1@36	CP_QAM25 6	17.00	-8.16	6.69	34.77	8.84	34.77	PASS
n12	30	15	141700	18@9	DFT_BPSK	23.42	-8.16	13.11	34.77	15.26	34.77	PASS
n12	30	15	141700	1@1	DFT_BPSK	23.57	-8.16	13.26	34.77	15.41	34.77	PASS
n12	30	15	141700	1@36	DFT_BPSK	23.14	-8.16	12.83	34.77	14.98	34.77	PASS
n12	30	15	141700	18@9	DFT_QPSK	23.54	-8.16	13.23	34.77	15.38	34.77	PASS
n12	30	15	141700	1@1	DFT_QPSK	23.46	-8.16	13.15	34.77	15.30	34.77	PASS
n12	30	15	141700	1@36	DFT_QPSK	23.02	-8.16	12.71	34.77	14.86	34.77	PASS
n12	30	15	141700	18@9	DFT_QAM1 6	22.46	-8.16	12.15	34.77	14.30	34.77	PASS
n12	30	15	141700	1@1	DFT_QAM1 6	22.75	-8.16	12.44	34.77	14.59	34.77	PASS
n12	30	15	141700	1@36	DFT_QAM1 6	22.33	-8.16	12.02	34.77	14.17	34.77	PASS
n12	30	15	141700	18@9	DFT_QAM6 4	20.94	-8.16	10.63	34.77	12.78	34.77	PASS
n12	30	15	141700	1@1	DFT_QAM6 4	20.96	-8.16	10.65	34.77	12.80	34.77	PASS
n12	30	15	141700	1@36	DFT_QAM6 4	20.55	-8.16	10.24	34.77	12.39	34.77	PASS
n12	30	15	141700	18@9	DFT_QAM2 56	18.88	-8.16	8.57	34.77	10.72	34.77	PASS
n12	30	15	141700	1@1	DFT_QAM2 56	19.36	-8.16	9.05	34.77	11.20	34.77	PASS
n12	30	15	141700	1@36	DFT_QAM2 56	18.83	-8.16	8.52	34.77	10.67	34.77	PASS
n12	30	15	141700	19@9	CP_QPSK	21.86	-8.16	11.55	34.77	13.70	34.77	PASS



n12	30	15	141700	1@1	CP_QPSK	21.91	-8.16	11.60	34.77	13.75	34.77	PASS
n12	30	15	141700	1@36	CP_QPSK	21.56	-8.16	11.25	34.77	13.40	34.77	PASS
n12	30	15	141700	19@9	CP_QAM16	21.52	-8.16	11.21	34.77	13.36	34.77	PASS
n12	30	15	141700	1@1	CP_QAM16	21.62	-8.16	11.31	34.77	13.46	34.77	PASS
n12	30	15	141700	1@36	CP_QAM16	21.29	-8.16	10.98	34.77	13.13	34.77	PASS
n12	30	15	141700	19@9	CP_QAM64	19.91	-8.16	9.60	34.77	11.75	34.77	PASS
n12	30	15	141700	1@1	CP_QAM64	20.10	-8.16	9.79	34.77	11.94	34.77	PASS
n12	30	15	141700	1@36	CP_QAM64	19.59	-8.16	9.28	34.77	11.43	34.77	PASS
n12	30	15	141700	19@9	CP_QAM25 6	16.89	-8.16	6.58	34.77	8.73	34.77	PASS
n12	30	15	141700	1@1	CP_QAM25 6	17.22	-8.16	6.91	34.77	9.06	34.77	PASS
n12	30	15	141700	1@36	CP_QAM25 6	17.02	-8.16	6.71	34.77	8.86	34.77	PASS

Appendix 5G NR -n38 - SCS 30KHz

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n38	30	10	515000	12@6	DFT_BPSK	22.62	-3.76	16.71	33.01	18.86	33.01	PASS
n38	30	10	515000	1@1	DFT_BPSK	22.66	-3.76	16.75	33.01	18.90	33.01	PASS
n38	30	10	515000	1@22	DFT_BPSK	22.51	-3.76	16.60	33.01	18.75	33.01	PASS
n38	30	10	515000	12@6	DFT_QPSK	22.62	-3.76	16.71	33.01	18.86	33.01	PASS
n38	30	10	515000	1@1	DFT_QPSK	22.48	-3.76	16.57	33.01	18.72	33.01	PASS
n38	30	10	515000	1@22	DFT_QPSK	22.38	-3.76	16.47	33.01	18.62	33.01	PASS
n38	30	10	515000	12@6	DFT_QAM16	21.73	-3.76	15.82	33.01	17.97	33.01	PASS
n38	30	10	515000	1@1	DFT_QAM16	21.66	-3.76	15.75	33.01	17.90	33.01	PASS
n38	30	10	515000	1@22	DFT_QAM16	21.72	-3.76	15.81	33.01	17.96	33.01	PASS
n38	30	10	515000	12@6	DFT_QAM64	20.21	-3.76	14.30	33.01	16.45	33.01	PASS
n38	30	10	515000	1@1	DFT_QAM64	20.18	-3.76	14.27	33.01	16.42	33.01	PASS
n38	30	10	515000	1@22	DFT_QAM64	19.84	-3.76	13.93	33.01	16.08	33.01	PASS
n38	30	10	515000	12@6	DFT_QAM256	18.19	-3.76	12.28	33.01	14.43	33.01	PASS
n38	30	10	515000	1@1	DFT_QAM256	18.29	-3.76	12.38	33.01	14.53	33.01	PASS
n38	30	10	515000	1@22	DFT_QAM256	18.02	-3.76	12.11	33.01	14.26	33.01	PASS
n38	30	10	515000	12@6	CP_QPSK	21.03	-3.76	15.12	33.01	17.27	33.01	PASS
n38	30	10	515000	1@1	CP_QPSK	20.96	-3.76	15.05	33.01	17.20	33.01	PASS
n38	30	10	515000	1@22	CP_QPSK	20.71	-3.76	14.80	33.01	16.95	33.01	PASS
n38	30	10	515000	12@6	CP_QAM16	20.62	-3.76	14.71	33.01	16.86	33.01	PASS
n38	30	10	515000	1@1	CP_QAM16	20.68	-3.76	14.77	33.01	16.92	33.01	PASS
n38	30	10	515000	1@22	CP_QAM16	20.52	-3.76	14.61	33.01	16.76	33.01	PASS
n38	30	10	515000	12@6	CP_QAM64	18.99	-3.76	13.08	33.01	15.23	33.01	PASS
n38	30	10	515000	1@1	CP_QAM64	19.19	-3.76	13.28	33.01	15.43	33.01	PASS
n38	30	10	515000	1@22	CP_QAM64	18.99	-3.76	13.08	33.01	15.23	33.01	PASS
n38	30	10	515000	12@6	CP_QAM256	16.22	-3.76	10.31	33.01	12.46	33.01	PASS
n38	30	10	515000	1@1	CP_QAM256	16.57	-3.76	10.66	33.01	12.81	33.01	PASS

n38	30	10	515000	1@22	CP_QAM25 6	16.39	-3.76	10.48	33.01	12.63	33.01	PASS
n38	30	10	519000	12@6	DFT_BPSK	22.49	-3.76	16.58	33.01	18.73	33.01	PASS
n38	30	10	519000	1@1	DFT_BPSK	22.31	-3.76	16.40	33.01	18.55	33.01	PASS
n38	30	10	519000	1@22	DFT_BPSK	22.43	-3.76	16.52	33.01	18.67	33.01	PASS
n38	30	10	519000	12@6	DFT_QPSK	22.52	-3.76	16.61	33.01	18.76	33.01	PASS
n38	30	10	519000	1@1	DFT_QPSK	22.28	-3.76	16.37	33.01	18.52	33.01	PASS
n38	30	10	519000	1@22	DFT_QPSK	22.29	-3.76	16.38	33.01	18.53	33.01	PASS
n38	30	10	519000	12@6	DFT_QAM1 6	21.63	-3.76	15.72	33.01	17.87	33.01	PASS
n38	30	10	519000	1@1	DFT_QAM1 6	21.52	-3.76	15.61	33.01	17.76	33.01	PASS
n38	30	10	519000	1@22	DFT_QAM1 6	21.49	-3.76	15.58	33.01	17.73	33.01	PASS
n38	30	10	519000	12@6	DFT_QAM6 4	20.05	-3.76	14.14	33.01	16.29	33.01	PASS
n38	30	10	519000	1@1	DFT_QAM6 4	20.10	-3.76	14.19	33.01	16.34	33.01	PASS
n38	30	10	519000	1@22	DFT_QAM6 4	19.78	-3.76	13.87	33.01	16.02	33.01	PASS
n38	30	10	519000	12@6	DFT_QAM2 56	17.92	-3.76	12.01	33.01	14.16	33.01	PASS
n38	30	10	519000	1@1	DFT_QAM2 56	18.02	-3.76	12.11	33.01	14.26	33.01	PASS
n38	30	10	519000	1@22	DFT_QAM2 56	18.14	-3.76	12.23	33.01	14.38	33.01	PASS
n38	30	10	519000	12@6	CP_QPSK	20.91	-3.76	15.00	33.01	17.15	33.01	PASS
n38	30	10	519000	1@1	CP_QPSK	20.62	-3.76	14.71	33.01	16.86	33.01	PASS
n38	30	10	519000	1@22	CP_QPSK	20.90	-3.76	14.99	33.01	17.14	33.01	PASS
n38	30	10	519000	12@6	CP_QAM16	20.54	-3.76	14.63	33.01	16.78	33.01	PASS
n38	30	10	519000	1@1	CP_QAM16	20.33	-3.76	14.42	33.01	16.57	33.01	PASS
n38	30	10	519000	1@22	CP_QAM16	20.47	-3.76	14.56	33.01	16.71	33.01	PASS
n38	30	10	519000	12@6	CP_QAM64	18.90	-3.76	12.99	33.01	15.14	33.01	PASS
n38	30	10	519000	1@1	CP_QAM64	18.64	-3.76	12.73	33.01	14.88	33.01	PASS
n38	30	10	519000	1@22	CP_QAM64	19.03	-3.76	13.12	33.01	15.27	33.01	PASS
n38	30	10	519000	12@6	CP_QAM25 6	16.04	-3.76	10.13	33.01	12.28	33.01	PASS
n38	30	10	519000	1@1	CP_QAM25 6	16.27	-3.76	10.36	33.01	12.51	33.01	PASS
n38	30	10	519000	1@22	CP_QAM25 6	16.36	-3.76	10.45	33.01	12.60	33.01	PASS
n38	30	10	523000	12@6	DFT_BPSK	22.30	-3.76	16.39	33.01	18.54	33.01	PASS
n38	30	10	523000	1@1	DFT_BPSK	22.42	-3.76	16.51	33.01	18.66	33.01	PASS
n38	30	10	523000	1@22	DFT_BPSK	22.18	-3.76	16.27	33.01	18.42	33.01	PASS
n38	30	10	523000	12@6	DFT_QPSK	22.36	-3.76	16.45	33.01	18.60	33.01	PASS

n38	30	10	523000	1@1	DFT_QPSK	22.28	-3.76	16.37	33.01	18.52	33.01	PASS
n38	30	10	523000	1@22	DFT_QPSK	22.03	-3.76	16.12	33.01	18.27	33.01	PASS
n38	30	10	523000	12@6	DFT_QAM16	21.48	-3.76	15.57	33.01	17.72	33.01	PASS
n38	30	10	523000	1@1	DFT_QAM16	21.62	-3.76	15.71	33.01	17.86	33.01	PASS
n38	30	10	523000	1@22	DFT_QAM16	21.23	-3.76	15.32	33.01	17.47	33.01	PASS
n38	30	10	523000	12@6	DFT_QAM64	19.84	-3.76	13.93	33.01	16.08	33.01	PASS
n38	30	10	523000	1@1	DFT_QAM64	19.69	-3.76	13.78	33.01	15.93	33.01	PASS
n38	30	10	523000	1@22	DFT_QAM64	19.52	-3.76	13.61	33.01	15.76	33.01	PASS
n38	30	10	523000	12@6	DFT_QAM256	17.92	-3.76	12.01	33.01	14.16	33.01	PASS
n38	30	10	523000	1@1	DFT_QAM256	18.04	-3.76	12.13	33.01	14.28	33.01	PASS
n38	30	10	523000	1@22	DFT_QAM256	17.84	-3.76	11.93	33.01	14.08	33.01	PASS
n38	30	10	523000	12@6	CP_QPSK	20.80	-3.76	14.89	33.01	17.04	33.01	PASS
n38	30	10	523000	1@1	CP_QPSK	20.73	-3.76	14.82	33.01	16.97	33.01	PASS
n38	30	10	523000	1@22	CP_QPSK	20.65	-3.76	14.74	33.01	16.89	33.01	PASS
n38	30	10	523000	12@6	CP_QAM16	20.40	-3.76	14.49	33.01	16.64	33.01	PASS
n38	30	10	523000	1@1	CP_QAM16	20.62	-3.76	14.71	33.01	16.86	33.01	PASS
n38	30	10	523000	1@22	CP_QAM16	20.31	-3.76	14.40	33.01	16.55	33.01	PASS
n38	30	10	523000	12@6	CP_QAM64	18.70	-3.76	12.79	33.01	14.94	33.01	PASS
n38	30	10	523000	1@1	CP_QAM64	19.03	-3.76	13.12	33.01	15.27	33.01	PASS
n38	30	10	523000	1@22	CP_QAM64	18.50	-3.76	12.59	33.01	14.74	33.01	PASS
n38	30	10	523000	12@6	CP_QAM256	15.89	-3.76	9.98	33.01	12.13	33.01	PASS
n38	30	10	523000	1@1	CP_QAM256	16.40	-3.76	10.49	33.01	12.64	33.01	PASS
n38	30	10	523000	1@22	CP_QAM256	16.11	-3.76	10.20	33.01	12.35	33.01	PASS
n38	30	15	515500	18@9	DFT_BPSK	22.55	-3.76	16.64	33.01	18.79	33.01	PASS
n38	30	15	515500	1@1	DFT_BPSK	22.58	-3.76	16.67	33.01	18.82	33.01	PASS
n38	30	15	515500	1@36	DFT_BPSK	22.30	-3.76	16.39	33.01	18.54	33.01	PASS
n38	30	15	515500	18@9	DFT_QPSK	22.53	-3.76	16.62	33.01	18.77	33.01	PASS
n38	30	15	515500	1@1	DFT_QPSK	22.40	-3.76	16.49	33.01	18.64	33.01	PASS
n38	30	15	515500	1@36	DFT_QPSK	22.11	-3.76	16.20	33.01	18.35	33.01	PASS
n38	30	15	515500	18@9	DFT_QAM16	21.52	-3.76	15.61	33.01	17.76	33.01	PASS
n38	30	15	515500	1@1	DFT_QAM16	21.65	-3.76	15.74	33.01	17.89	33.01	PASS
n38	30	15	515500	1@36	DFT_QAM16	21.49	-3.76	15.58	33.01	17.73	33.01	PASS

					6								
n38	30	15	515500	18@9	DFT_QAM6 4	19.94	-3.76	14.03	33.01	16.18	33.01	PASS	
n38	30	15	515500	1@1	DFT_QAM6 4	20.32	-3.76	14.41	33.01	16.56	33.01	PASS	
n38	30	15	515500	1@36	DFT_QAM6 4	19.97	-3.76	14.06	33.01	16.21	33.01	PASS	
n38	30	15	515500	18@9	DFT_QAM2 56	18.00	-3.76	12.09	33.01	14.24	33.01	PASS	
n38	30	15	515500	1@1	DFT_QAM2 56	18.31	-3.76	12.40	33.01	14.55	33.01	PASS	
n38	30	15	515500	1@36	DFT_QAM2 56	18.05	-3.76	12.14	33.01	14.29	33.01	PASS	
n38	30	15	515500	19@9	CP_QPSK	20.99	-3.76	15.08	33.01	17.23	33.01	PASS	
n38	30	15	515500	1@1	CP_QPSK	20.99	-3.76	15.08	33.01	17.23	33.01	PASS	
n38	30	15	515500	1@36	CP_QPSK	20.62	-3.76	14.71	33.01	16.86	33.01	PASS	
n38	30	15	515500	19@9	CP_QAM16	20.47	-3.76	14.56	33.01	16.71	33.01	PASS	
n38	30	15	515500	1@1	CP_QAM16	20.76	-3.76	14.85	33.01	17.00	33.01	PASS	
n38	30	15	515500	1@36	CP_QAM16	20.33	-3.76	14.42	33.01	16.57	33.01	PASS	
n38	30	15	515500	19@9	CP_QAM64	19.00	-3.76	13.09	33.01	15.24	33.01	PASS	
n38	30	15	515500	1@1	CP_QAM64	18.90	-3.76	12.99	33.01	15.14	33.01	PASS	
n38	30	15	515500	1@36	CP_QAM64	18.69	-3.76	12.78	33.01	14.93	33.01	PASS	
n38	30	15	515500	19@9	CP_QAM25 6	16.06	-3.76	10.15	33.01	12.30	33.01	PASS	
n38	30	15	515500	1@1	CP_QAM25 6	16.52	-3.76	10.61	33.01	12.76	33.01	PASS	
n38	30	15	515500	1@36	CP_QAM25 6	16.33	-3.76	10.42	33.01	12.57	33.01	PASS	
n38	30	15	519000	18@9	DFT_BPSK	22.37	-3.76	16.46	33.01	18.61	33.01	PASS	
n38	30	15	519000	1@1	DFT_BPSK	22.23	-3.76	16.32	33.01	18.47	33.01	PASS	
n38	30	15	519000	1@36	DFT_BPSK	22.39	-3.76	16.48	33.01	18.63	33.01	PASS	
n38	30	15	519000	18@9	DFT_QPSK	22.46	-3.76	16.55	33.01	18.70	33.01	PASS	
n38	30	15	519000	1@1	DFT_QPSK	22.16	-3.76	16.25	33.01	18.40	33.01	PASS	
n38	30	15	519000	1@36	DFT_QPSK	22.23	-3.76	16.32	33.01	18.47	33.01	PASS	
n38	30	15	519000	18@9	DFT_QAM1 6	21.47	-3.76	15.56	33.01	17.71	33.01	PASS	
n38	30	15	519000	1@1	DFT_QAM1 6	21.55	-3.76	15.64	33.01	17.79	33.01	PASS	
n38	30	15	519000	1@36	DFT_QAM1 6	21.65	-3.76	15.74	33.01	17.89	33.01	PASS	
n38	30	15	519000	18@9	DFT_QAM6 4	19.83	-3.76	13.92	33.01	16.07	33.01	PASS	
n38	30	15	519000	1@1	DFT_QAM6 4	19.69	-3.76	13.78	33.01	15.93	33.01	PASS	
n38	30	15	519000	1@36	DFT_QAM6 4	19.91	-3.76	14.00	33.01	16.15	33.01	PASS	

n38	30	15	519000	18@9	DFT_QAM2 56	17.79	-3.76	11.88	33.01	14.03	33.01	PASS
n38	30	15	519000	1@1	DFT_QAM2 56	17.97	-3.76	12.06	33.01	14.21	33.01	PASS
n38	30	15	519000	1@36	DFT_QAM2 56	18.02	-3.76	12.11	33.01	14.26	33.01	PASS
n38	30	15	519000	19@9	CP_QPSK	20.89	-3.76	14.98	33.01	17.13	33.01	PASS
n38	30	15	519000	1@1	CP_QPSK	20.66	-3.76	14.75	33.01	16.90	33.01	PASS
n38	30	15	519000	1@36	CP_QPSK	20.73	-3.76	14.82	33.01	16.97	33.01	PASS
n38	30	15	519000	19@9	CP_QAM16	20.32	-3.76	14.41	33.01	16.56	33.01	PASS
n38	30	15	519000	1@1	CP_QAM16	20.50	-3.76	14.59	33.01	16.74	33.01	PASS
n38	30	15	519000	1@36	CP_QAM16	20.66	-3.76	14.75	33.01	16.90	33.01	PASS
n38	30	15	519000	19@9	CP_QAM64	18.92	-3.76	13.01	33.01	15.16	33.01	PASS
n38	30	15	519000	1@1	CP_QAM64	18.74	-3.76	12.83	33.01	14.98	33.01	PASS
n38	30	15	519000	1@36	CP_QAM64	19.01	-3.76	13.10	33.01	15.25	33.01	PASS
n38	30	15	519000	19@9	CP_QAM25 6	15.93	-3.76	10.02	33.01	12.17	33.01	PASS
n38	30	15	519000	1@1	CP_QAM25 6	16.27	-3.76	10.36	33.01	12.51	33.01	PASS
n38	30	15	519000	1@36	CP_QAM25 6	16.41	-3.76	10.50	33.01	12.65	33.01	PASS
n38	30	15	522500	18@9	DFT_BPSK	22.39	-3.76	16.48	33.01	18.63	33.01	PASS
n38	30	15	522500	1@1	DFT_BPSK	22.38	-3.76	16.47	33.01	18.62	33.01	PASS
n38	30	15	522500	1@36	DFT_BPSK	22.13	-3.76	16.22	33.01	18.37	33.01	PASS
n38	30	15	522500	18@9	DFT_QPSK	22.41	-3.76	16.50	33.01	18.65	33.01	PASS
n38	30	15	522500	1@1	DFT_QPSK	22.21	-3.76	16.30	33.01	18.45	33.01	PASS
n38	30	15	522500	1@36	DFT_QPSK	21.97	-3.76	16.06	33.01	18.21	33.01	PASS
n38	30	15	522500	18@9	DFT_QAM1 6	21.41	-3.76	15.50	33.01	17.65	33.01	PASS
n38	30	15	522500	1@1	DFT_QAM1 6	21.60	-3.76	15.69	33.01	17.84	33.01	PASS
n38	30	15	522500	1@36	DFT_QAM1 6	21.24	-3.76	15.33	33.01	17.48	33.01	PASS
n38	30	15	522500	18@9	DFT_QAM6 4	19.77	-3.76	13.86	33.01	16.01	33.01	PASS
n38	30	15	522500	1@1	DFT_QAM6 4	19.79	-3.76	13.88	33.01	16.03	33.01	PASS
n38	30	15	522500	1@36	DFT_QAM6 4	19.44	-3.76	13.53	33.01	15.68	33.01	PASS
n38	30	15	522500	18@9	DFT_QAM2 56	17.82	-3.76	11.91	33.01	14.06	33.01	PASS
n38	30	15	522500	1@1	DFT_QAM2 56	18.06	-3.76	12.15	33.01	14.30	33.01	PASS
n38	30	15	522500	1@36	DFT_QAM2 56	17.79	-3.76	11.88	33.01	14.03	33.01	PASS
n38	30	15	522500	19@9	CP_QPSK	20.83	-3.76	14.92	33.01	17.07	33.01	PASS

n38	30	15	522500	1@1	CP_QPSK	20.89	-3.76	14.98	33.01	17.13	33.01	PASS
n38	30	15	522500	1@36	CP_QPSK	20.61	-3.76	14.70	33.01	16.85	33.01	PASS
n38	30	15	522500	19@9	CP_QAM16	20.30	-3.76	14.39	33.01	16.54	33.01	PASS
n38	30	15	522500	1@1	CP_QAM16	20.66	-3.76	14.75	33.01	16.90	33.01	PASS
n38	30	15	522500	1@36	CP_QAM16	20.29	-3.76	14.38	33.01	16.53	33.01	PASS
n38	30	15	522500	19@9	CP_QAM64	18.86	-3.76	12.95	33.01	15.10	33.01	PASS
n38	30	15	522500	1@1	CP_QAM64	18.93	-3.76	13.02	33.01	15.17	33.01	PASS
n38	30	15	522500	1@36	CP_QAM64	18.45	-3.76	12.54	33.01	14.69	33.01	PASS
n38	30	15	522500	19@9	CP_QAM256	15.98	-3.76	10.07	33.01	12.22	33.01	PASS
n38	30	15	522500	1@1	CP_QAM256	16.45	-3.76	10.54	33.01	12.69	33.01	PASS
n38	30	15	522500	1@36	CP_QAM256	15.94	-3.76	10.03	33.01	12.18	33.01	PASS
n38	30	20	516000	25@12	DFT_BPSK	22.47	-3.76	16.56	33.01	18.71	33.01	PASS
n38	30	20	516000	1@1	DFT_BPSK	22.48	-3.76	16.57	33.01	18.72	33.01	PASS
n38	30	20	516000	1@49	DFT_BPSK	22.18	-3.76	16.27	33.01	18.42	33.01	PASS
n38	30	20	516000	25@12	DFT_QPSK	22.47	-3.76	16.56	33.01	18.71	33.01	PASS
n38	30	20	516000	1@1	DFT_QPSK	22.40	-3.76	16.49	33.01	18.64	33.01	PASS
n38	30	20	516000	1@49	DFT_QPSK	22.03	-3.76	16.12	33.01	18.27	33.01	PASS
n38	30	20	516000	25@12	DFT_QAM16	21.51	-3.76	15.60	33.01	17.75	33.01	PASS
n38	30	20	516000	1@1	DFT_QAM16	21.81	-3.76	15.90	33.01	18.05	33.01	PASS
n38	30	20	516000	1@49	DFT_QAM16	21.41	-3.76	15.50	33.01	17.65	33.01	PASS
n38	30	20	516000	25@12	DFT_QAM64	19.91	-3.76	14.00	33.01	16.15	33.01	PASS
n38	30	20	516000	1@1	DFT_QAM64	19.94	-3.76	14.03	33.01	16.18	33.01	PASS
n38	30	20	516000	1@49	DFT_QAM64	19.62	-3.76	13.71	33.01	15.86	33.01	PASS
n38	30	20	516000	25@12	DFT_QAM256	17.86	-3.76	11.95	33.01	14.10	33.01	PASS
n38	30	20	516000	1@1	DFT_QAM256	18.30	-3.76	12.39	33.01	14.54	33.01	PASS
n38	30	20	516000	1@49	DFT_QAM256	17.87	-3.76	11.96	33.01	14.11	33.01	PASS
n38	30	20	516000	25@12	CP_QPSK	20.92	-3.76	15.01	33.01	17.16	33.01	PASS
n38	30	20	516000	1@1	CP_QPSK	20.96	-3.76	15.05	33.01	17.20	33.01	PASS
n38	30	20	516000	1@49	CP_QPSK	20.74	-3.76	14.83	33.01	16.98	33.01	PASS
n38	30	20	516000	25@12	CP_QAM16	20.44	-3.76	14.53	33.01	16.68	33.01	PASS
n38	30	20	516000	1@1	CP_QAM16	20.71	-3.76	14.80	33.01	16.95	33.01	PASS
n38	30	20	516000	1@49	CP_QAM16	20.19	-3.76	14.28	33.01	16.43	33.01	PASS
n38	30	20	516000	25@12	CP_QAM64	18.88	-3.76	12.97	33.01	15.12	33.01	PASS

n38	30	20	516000	1@1	CP_QAM64	18.81	-3.76	12.90	33.01	15.05	33.01	PASS
n38	30	20	516000	1@49	CP_QAM64	18.58	-3.76	12.67	33.01	14.82	33.01	PASS
n38	30	20	516000	25@12	CP_QAM25 6	16.00	-3.76	10.09	33.01	12.24	33.01	PASS
n38	30	20	516000	1@1	CP_QAM25 6	16.56	-3.76	10.65	33.01	12.80	33.01	PASS
n38	30	20	516000	1@49	CP_QAM25 6	16.26	-3.76	10.35	33.01	12.50	33.01	PASS
n38	30	20	519000	25@12	DFT_BPSK	22.42	-3.76	16.51	33.01	18.66	33.01	PASS
n38	30	20	519000	1@1	DFT_BPSK	22.25	-3.76	16.34	33.01	18.49	33.01	PASS
n38	30	20	519000	1@49	DFT_BPSK	22.32	-3.76	16.41	33.01	18.56	33.01	PASS
n38	30	20	519000	25@12	DFT_QPSK	22.42	-3.76	16.51	33.01	18.66	33.01	PASS
n38	30	20	519000	1@1	DFT_QPSK	22.10	-3.76	16.19	33.01	18.34	33.01	PASS
n38	30	20	519000	1@49	DFT_QPSK	22.21	-3.76	16.30	33.01	18.45	33.01	PASS
n38	30	20	519000	25@12	DFT_QAM1 6	21.43	-3.76	15.52	33.01	17.67	33.01	PASS
n38	30	20	519000	1@1	DFT_QAM1 6	21.48	-3.76	15.57	33.01	17.72	33.01	PASS
n38	30	20	519000	1@49	DFT_QAM1 6	21.64	-3.76	15.73	33.01	17.88	33.01	PASS
n38	30	20	519000	25@12	DFT_QAM6 4	19.85	-3.76	13.94	33.01	16.09	33.01	PASS
n38	30	20	519000	1@1	DFT_QAM6 4	19.52	-3.76	13.61	33.01	15.76	33.01	PASS
n38	30	20	519000	1@49	DFT_QAM6 4	19.72	-3.76	13.81	33.01	15.96	33.01	PASS
n38	30	20	519000	25@12	DFT_QAM2 56	17.75	-3.76	11.84	33.01	13.99	33.01	PASS
n38	30	20	519000	1@1	DFT_QAM2 56	17.85	-3.76	11.94	33.01	14.09	33.01	PASS
n38	30	20	519000	1@49	DFT_QAM2 56	18.05	-3.76	12.14	33.01	14.29	33.01	PASS
n38	30	20	519000	25@12	CP_QPSK	20.84	-3.76	14.93	33.01	17.08	33.01	PASS
n38	30	20	519000	1@1	CP_QPSK	20.67	-3.76	14.76	33.01	16.91	33.01	PASS
n38	30	20	519000	1@49	CP_QPSK	20.79	-3.76	14.88	33.01	17.03	33.01	PASS
n38	30	20	519000	25@12	CP_QAM16	20.39	-3.76	14.48	33.01	16.63	33.01	PASS
n38	30	20	519000	1@1	CP_QAM16	20.35	-3.76	14.44	33.01	16.59	33.01	PASS
n38	30	20	519000	1@49	CP_QAM16	20.47	-3.76	14.56	33.01	16.71	33.01	PASS
n38	30	20	519000	25@12	CP_QAM64	18.83	-3.76	12.92	33.01	15.07	33.01	PASS
n38	30	20	519000	1@1	CP_QAM64	18.56	-3.76	12.65	33.01	14.80	33.01	PASS
n38	30	20	519000	1@49	CP_QAM64	18.76	-3.76	12.85	33.01	15.00	33.01	PASS
n38	30	20	519000	25@12	CP_QAM25 6	15.93	-3.76	10.02	33.01	12.17	33.01	PASS
n38	30	20	519000	1@1	CP_QAM25 6	16.17	-3.76	10.26	33.01	12.41	33.01	PASS
n38	30	20	519000	1@49	CP_QAM25	16.26	-3.76	10.35	33.01	12.50	33.01	PASS



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n38	30	20	522000	25@12	DFT_BPSK	22.48	-3.76	16.57	33.01	18.72	33.01	PASS
n38	30	20	522000	1@1	DFT_BPSK	22.30	-3.76	16.39	33.01	18.54	33.01	PASS
n38	30	20	522000	1@49	DFT_BPSK	21.98	-3.76	16.07	33.01	18.22	33.01	PASS
n38	30	20	522000	25@12	DFT_QPSK	22.45	-3.76	16.54	33.01	18.69	33.01	PASS
n38	30	20	522000	1@1	DFT_QPSK	22.27	-3.76	16.36	33.01	18.51	33.01	PASS
n38	30	20	522000	1@49	DFT_QPSK	21.93	-3.76	16.02	33.01	18.17	33.01	PASS
n38	30	20	522000	25@12	DFT_QAM1 6	21.53	-3.76	15.62	33.01	17.77	33.01	PASS
n38	30	20	522000	1@1	DFT_QAM1 6	21.59	-3.76	15.68	33.01	17.83	33.01	PASS
n38	30	20	522000	1@49	DFT_QAM1 6	21.26	-3.76	15.35	33.01	17.50	33.01	PASS
n38	30	20	522000	25@12	DFT_QAM6 4	19.92	-3.76	14.01	33.01	16.16	33.01	PASS
n38	30	20	522000	1@1	DFT_QAM6 4	20.09	-3.76	14.18	33.01	16.33	33.01	PASS
n38	30	20	522000	1@49	DFT_QAM6 4	19.81	-3.76	13.90	33.01	16.05	33.01	PASS
n38	30	20	522000	25@12	DFT_QAM2 56	17.83	-3.76	11.92	33.01	14.07	33.01	PASS
n38	30	20	522000	1@1	DFT_QAM2 56	18.05	-3.76	12.14	33.01	14.29	33.01	PASS
n38	30	20	522000	1@49	DFT_QAM2 56	17.71	-3.76	11.80	33.01	13.95	33.01	PASS
n38	30	20	522000	25@12	CP_QPSK	20.87	-3.76	14.96	33.01	17.11	33.01	PASS
n38	30	20	522000	1@1	CP_QPSK	20.68	-3.76	14.77	33.01	16.92	33.01	PASS
n38	30	20	522000	1@49	CP_QPSK	20.38	-3.76	14.47	33.01	16.62	33.01	PASS
n38	30	20	522000	25@12	CP_QAM16	20.44	-3.76	14.53	33.01	16.68	33.01	PASS
n38	30	20	522000	1@1	CP_QAM16	20.28	-3.76	14.37	33.01	16.52	33.01	PASS
n38	30	20	522000	1@49	CP_QAM16	20.13	-3.76	14.22	33.01	16.37	33.01	PASS
n38	30	20	522000	25@12	CP_QAM64	18.92	-3.76	13.01	33.01	15.16	33.01	PASS
n38	30	20	522000	1@1	CP_QAM64	18.74	-3.76	12.83	33.01	14.98	33.01	PASS
n38	30	20	522000	1@49	CP_QAM64	18.57	-3.76	12.66	33.01	14.81	33.01	PASS
n38	30	20	522000	25@12	CP_QAM25 6	16.01	-3.76	10.10	33.01	12.25	33.01	PASS
n38	30	20	522000	1@1	CP_QAM25 6	16.32	-3.76	10.41	33.01	12.56	33.01	PASS
n38	30	20	522000	1@49	CP_QAM25 6	16.04	-3.76	10.13	33.01	12.28	33.01	PASS
n38	30	40	518000	50@25	DFT_BPSK	22.32	-3.76	16.41	33.01	18.56	33.01	PASS
n38	30	40	518000	1@1	DFT_BPSK	22.11	-3.76	16.20	33.01	18.35	33.01	PASS
n38	30	40	518000	1@104	DFT_BPSK	21.96	-3.76	16.05	33.01	18.20	33.01	PASS
n38	30	40	518000	50@25	DFT_QPSK	22.32	-3.76	16.41	33.01	18.56	33.01	PASS
n38	30	40	518000	1@1	DFT_QPSK	21.97	-3.76	16.06	33.01	18.21	33.01	PASS

n38	30	40	518000	1@104	DFT_QPSK	21.88	-3.76	15.97	33.01	18.12	33.01	PASS
n38	30	40	518000	50@25	DFT_QAM1 6	21.32	-3.76	15.41	33.01	17.56	33.01	PASS
n38	30	40	518000	1@1	DFT_QAM1 6	21.30	-3.76	15.39	33.01	17.54	33.01	PASS
n38	30	40	518000	1@104	DFT_QAM1 6	21.18	-3.76	15.27	33.01	17.42	33.01	PASS
n38	30	40	518000	50@25	DFT_QAM6 4	19.88	-3.76	13.97	33.01	16.12	33.01	PASS
n38	30	40	518000	1@1	DFT_QAM6 4	19.85	-3.76	13.94	33.01	16.09	33.01	PASS
n38	30	40	518000	1@104	DFT_QAM6 4	19.34	-3.76	13.43	33.01	15.58	33.01	PASS
n38	30	40	518000	50@25	DFT_QAM2 56	17.77	-3.76	11.86	33.01	14.01	33.01	PASS
n38	30	40	518000	1@1	DFT_QAM2 56	17.77	-3.76	11.86	33.01	14.01	33.01	PASS
n38	30	40	518000	1@104	DFT_QAM2 56	17.63	-3.76	11.72	33.01	13.87	33.01	PASS
n38	30	40	518000	53@26	CP_QPSK	20.88	-3.76	14.97	33.01	17.12	33.01	PASS
n38	30	40	518000	1@1	CP_QPSK	20.50	-3.76	14.59	33.01	16.74	33.01	PASS
n38	30	40	518000	1@104	CP_QPSK	20.31	-3.76	14.40	33.01	16.55	33.01	PASS
n38	30	40	518000	53@26	CP_QAM16	20.33	-3.76	14.42	33.01	16.57	33.01	PASS
n38	30	40	518000	1@1	CP_QAM16	20.27	-3.76	14.36	33.01	16.51	33.01	PASS
n38	30	40	518000	1@104	CP_QAM16	19.96	-3.76	14.05	33.01	16.20	33.01	PASS
n38	30	40	518000	53@26	CP_QAM64	18.88	-3.76	12.97	33.01	15.12	33.01	PASS
n38	30	40	518000	1@1	CP_QAM64	18.37	-3.76	12.46	33.01	14.61	33.01	PASS
n38	30	40	518000	1@104	CP_QAM64	18.36	-3.76	12.45	33.01	14.60	33.01	PASS
n38	30	40	518000	53@26	CP_QAM25 6	15.97	-3.76	10.06	33.01	12.21	33.01	PASS
n38	30	40	518000	1@1	CP_QAM25 6	16.18	-3.76	10.27	33.01	12.42	33.01	PASS
n38	30	40	518000	1@104	CP_QAM25 6	15.90	-3.76	9.99	33.01	12.14	33.01	PASS
n38	30	40	519000	50@25	DFT_BPSK	22.37	-3.76	16.46	33.01	18.61	33.01	PASS
n38	30	40	519000	1@1	DFT_BPSK	22.03	-3.76	16.12	33.01	18.27	33.01	PASS
n38	30	40	519000	1@104	DFT_BPSK	21.85	-3.76	15.94	33.01	18.09	33.01	PASS
n38	30	40	519000	50@25	DFT_QPSK	22.39	-3.76	16.48	33.01	18.63	33.01	PASS
n38	30	40	519000	1@1	DFT_QPSK	21.79	-3.76	15.88	33.01	18.03	33.01	PASS
n38	30	40	519000	1@104	DFT_QPSK	21.74	-3.76	15.83	33.01	17.98	33.01	PASS
n38	30	40	519000	50@25	DFT_QAM1 6	21.39	-3.76	15.48	33.01	17.63	33.01	PASS
n38	30	40	519000	1@1	DFT_QAM1 6	21.20	-3.76	15.29	33.01	17.44	33.01	PASS
n38	30	40	519000	1@104	DFT_QAM1 6	20.88	-3.76	14.97	33.01	17.12	33.01	PASS

n38	30	40	519000	50@25	DFT_QAM6 4	19.79	-3.76	13.88	33.01	16.03	33.01	PASS
n38	30	40	519000	1@1	DFT_QAM6 4	19.37	-3.76	13.46	33.01	15.61	33.01	PASS
n38	30	40	519000	1@104	DFT_QAM6 4	19.38	-3.76	13.47	33.01	15.62	33.01	PASS
n38	30	40	519000	50@25	DFT_QAM2 56	17.84	-3.76	11.93	33.01	14.08	33.01	PASS
n38	30	40	519000	1@1	DFT_QAM2 56	17.55	-3.76	11.64	33.01	13.79	33.01	PASS
n38	30	40	519000	1@104	DFT_QAM2 56	17.40	-3.76	11.49	33.01	13.64	33.01	PASS
n38	30	40	519000	53@26	CP_QPSK	20.82	-3.76	14.91	33.01	17.06	33.01	PASS
n38	30	40	519000	1@1	CP_QPSK	20.31	-3.76	14.40	33.01	16.55	33.01	PASS
n38	30	40	519000	1@104	CP_QPSK	20.12	-3.76	14.21	33.01	16.36	33.01	PASS
n38	30	40	519000	53@26	CP_QAM16	20.30	-3.76	14.39	33.01	16.54	33.01	PASS
n38	30	40	519000	1@1	CP_QAM16	20.18	-3.76	14.27	33.01	16.42	33.01	PASS
n38	30	40	519000	1@104	CP_QAM16	20.00	-3.76	14.09	33.01	16.24	33.01	PASS
n38	30	40	519000	53@26	CP_QAM64	18.78	-3.76	12.87	33.01	15.02	33.01	PASS
n38	30	40	519000	1@1	CP_QAM64	18.43	-3.76	12.52	33.01	14.67	33.01	PASS
n38	30	40	519000	1@104	CP_QAM64	18.32	-3.76	12.41	33.01	14.56	33.01	PASS
n38	30	40	519000	53@26	CP_QAM25 6	15.96	-3.76	10.05	33.01	12.20	33.01	PASS
n38	30	40	519000	1@1	CP_QAM25 6	16.03	-3.76	10.12	33.01	12.27	33.01	PASS
n38	30	40	519000	1@104	CP_QAM25 6	15.85	-3.76	9.94	33.01	12.09	33.01	PASS
n38	30	40	520000	50@25	DFT_BPSK	22.43	-3.76	16.52	33.01	18.67	33.01	PASS
n38	30	40	520000	1@1	DFT_BPSK	21.91	-3.76	16.00	33.01	18.15	33.01	PASS
n38	30	40	520000	1@104	DFT_BPSK	21.65	-3.76	15.74	33.01	17.89	33.01	PASS
n38	30	40	520000	50@25	DFT_QPSK	22.44	-3.76	16.53	33.01	18.68	33.01	PASS
n38	30	40	520000	1@1	DFT_QPSK	21.76	-3.76	15.85	33.01	18.00	33.01	PASS
n38	30	40	520000	1@104	DFT_QPSK	21.46	-3.76	15.55	33.01	17.70	33.01	PASS
n38	30	40	520000	50@25	DFT_QAM1 6	21.40	-3.76	15.49	33.01	17.64	33.01	PASS
n38	30	40	520000	1@1	DFT_QAM1 6	20.94	-3.76	15.03	33.01	17.18	33.01	PASS
n38	30	40	520000	1@104	DFT_QAM1 6	20.72	-3.76	14.81	33.01	16.96	33.01	PASS
n38	30	40	520000	50@25	DFT_QAM6 4	19.85	-3.76	13.94	33.01	16.09	33.01	PASS
n38	30	40	520000	1@1	DFT_QAM6 4	19.28	-3.76	13.37	33.01	15.52	33.01	PASS
n38	30	40	520000	1@104	DFT_QAM6 4	19.26	-3.76	13.35	33.01	15.50	33.01	PASS
n38	30	40	520000	50@25	DFT_QAM2 56	17.87	-3.76	11.96	33.01	14.11	33.01	PASS

n38	30	40	520000	1@1	DFT_QAM2 56	17.65	-3.76	11.74	33.01	13.89	33.01	PASS
n38	30	40	520000	1@104	DFT_QAM2 56	17.35	-3.76	11.44	33.01	13.59	33.01	PASS
n38	30	40	520000	53@26	CP_QPSK	20.89	-3.76	14.98	33.01	17.13	33.01	PASS
n38	30	40	520000	1@1	CP_QPSK	20.23	-3.76	14.32	33.01	16.47	33.01	PASS
n38	30	40	520000	1@104	CP_QPSK	20.06	-3.76	14.15	33.01	16.30	33.01	PASS
n38	30	40	520000	53@26	CP_QAM16	20.37	-3.76	14.46	33.01	16.61	33.01	PASS
n38	30	40	520000	1@1	CP_QAM16	19.94	-3.76	14.03	33.01	16.18	33.01	PASS
n38	30	40	520000	1@104	CP_QAM16	19.82	-3.76	13.91	33.01	16.06	33.01	PASS
n38	30	40	520000	53@26	CP_QAM64	18.85	-3.76	12.94	33.01	15.09	33.01	PASS
n38	30	40	520000	1@1	CP_QAM64	18.46	-3.76	12.55	33.01	14.70	33.01	PASS
n38	30	40	520000	1@104	CP_QAM64	18.13	-3.76	12.22	33.01	14.37	33.01	PASS
n38	30	40	520000	53@26	CP_QAM25 6	15.94	-3.76	10.03	33.01	12.18	33.01	PASS
n38	30	40	520000	1@1	CP_QAM25 6	15.85	-3.76	9.94	33.01	12.09	33.01	PASS
n38	30	40	520000	1@104	CP_QAM25 6	15.65	-3.76	9.74	33.01	11.89	33.01	PASS

Appendix 5G NR -n41 - SCS 30KHz

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n41	30	20	501204	25@12	DFT_BPSK	22.27	-3.76	16.36	33.01	18.51	33.01	PASS
n41	30	20	501204	1@1	DFT_BPSK	22.31	-3.76	16.40	33.01	18.55	33.01	PASS
n41	30	20	501204	1@49	DFT_BPSK	22.21	-3.76	16.30	33.01	18.45	33.01	PASS
n41	30	20	501204	25@12	DFT_QPSK	22.36	-3.76	16.45	33.01	18.60	33.01	PASS
n41	30	20	501204	1@1	DFT_QPSK	22.16	-3.76	16.25	33.01	18.40	33.01	PASS
n41	30	20	501204	1@49	DFT_QPSK	22.08	-3.76	16.17	33.01	18.32	33.01	PASS
n41	30	20	501204	25@12	DFT_QAM16	21.34	-3.76	15.43	33.01	17.58	33.01	PASS
n41	30	20	501204	1@1	DFT_QAM16	21.51	-3.76	15.60	33.01	17.75	33.01	PASS
n41	30	20	501204	1@49	DFT_QAM16	21.48	-3.76	15.57	33.01	17.72	33.01	PASS
n41	30	20	501204	25@12	DFT_QAM64	19.88	-3.76	13.97	33.01	16.12	33.01	PASS
n41	30	20	501204	1@1	DFT_QAM64	20.02	-3.76	14.11	33.01	16.26	33.01	PASS
n41	30	20	501204	1@49	DFT_QAM64	19.86	-3.76	13.95	33.01	16.10	33.01	PASS
n41	30	20	501204	25@12	DFT_QAM256	17.90	-3.76	11.99	33.01	14.14	33.01	PASS
n41	30	20	501204	1@1	DFT_QAM256	18.12	-3.76	12.21	33.01	14.36	33.01	PASS
n41	30	20	501204	1@49	DFT_QAM256	18.01	-3.76	12.10	33.01	14.25	33.01	PASS
n41	30	20	501204	25@12	CP_QPSK	20.79	-3.76	14.88	33.01	17.03	33.01	PASS
n41	30	20	501204	1@1	CP_QPSK	20.69	-3.76	14.78	33.01	16.93	33.01	PASS
n41	30	20	501204	1@49	CP_QPSK	20.70	-3.76	14.79	33.01	16.94	33.01	PASS
n41	30	20	501204	25@12	CP_QAM16	20.33	-3.76	14.42	33.01	16.57	33.01	PASS
n41	30	20	501204	1@1	CP_QAM16	20.26	-3.76	14.35	33.01	16.50	33.01	PASS
n41	30	20	501204	1@49	CP_QAM16	20.40	-3.76	14.49	33.01	16.64	33.01	PASS
n41	30	20	501204	25@12	CP_QAM64	18.71	-3.76	12.80	33.01	14.95	33.01	PASS
n41	30	20	501204	1@1	CP_QAM64	18.87	-3.76	12.96	33.01	15.11	33.01	PASS
n41	30	20	501204	1@49	CP_QAM64	18.75	-3.76	12.84	33.01	14.99	33.01	PASS
n41	30	20	501204	25@12	CP_QAM256	15.95	-3.76	10.04	33.01	12.19	33.01	PASS
n41	30	20	501204	1@1	CP_QAM256	16.26	-3.76	10.35	33.01	12.50	33.01	PASS

n41	30	20	501204	1@49	CP_QAM25 6	16.17	-3.76	10.26	33.01	12.41	33.01	PASS
n41	30	20	518598	25@12	DFT_BPSK	21.81	-3.76	15.90	33.01	18.05	33.01	PASS
n41	30	20	518598	1@1	DFT_BPSK	21.68	-3.76	15.77	33.01	17.92	33.01	PASS
n41	30	20	518598	1@49	DFT_BPSK	21.73	-3.76	15.82	33.01	17.97	33.01	PASS
n41	30	20	518598	25@12	DFT_QPSK	21.79	-3.76	15.88	33.01	18.03	33.01	PASS
n41	30	20	518598	1@1	DFT_QPSK	21.49	-3.76	15.58	33.01	17.73	33.01	PASS
n41	30	20	518598	1@49	DFT_QPSK	21.61	-3.76	15.70	33.01	17.85	33.01	PASS
n41	30	20	518598	25@12	DFT_QAM1 6	20.84	-3.76	14.93	33.01	17.08	33.01	PASS
n41	30	20	518598	1@1	DFT_QAM1 6	20.87	-3.76	14.96	33.01	17.11	33.01	PASS
n41	30	20	518598	1@49	DFT_QAM1 6	21.04	-3.76	15.13	33.01	17.28	33.01	PASS
n41	30	20	518598	25@12	DFT_QAM6 4	19.25	-3.76	13.34	33.01	15.49	33.01	PASS
n41	30	20	518598	1@1	DFT_QAM6 4	18.94	-3.76	13.03	33.01	15.18	33.01	PASS
n41	30	20	518598	1@49	DFT_QAM6 4	19.48	-3.76	13.57	33.01	15.72	33.01	PASS
n41	30	20	518598	25@12	DFT_QAM2 56	17.16	-3.76	11.25	33.01	13.40	33.01	PASS
n41	30	20	518598	1@1	DFT_QAM2 56	17.28	-3.76	11.37	33.01	13.52	33.01	PASS
n41	30	20	518598	1@49	DFT_QAM2 56	17.38	-3.76	11.47	33.01	13.62	33.01	PASS
n41	30	20	518598	25@12	CP_QPSK	20.25	-3.76	14.34	33.01	16.49	33.01	PASS
n41	30	20	518598	1@1	CP_QPSK	20.08	-3.76	14.17	33.01	16.32	33.01	PASS
n41	30	20	518598	1@49	CP_QPSK	20.27	-3.76	14.36	33.01	16.51	33.01	PASS
n41	30	20	518598	25@12	CP_QAM16	19.74	-3.76	13.83	33.01	15.98	33.01	PASS
n41	30	20	518598	1@1	CP_QAM16	19.81	-3.76	13.90	33.01	16.05	33.01	PASS
n41	30	20	518598	1@49	CP_QAM16	19.90	-3.76	13.99	33.01	16.14	33.01	PASS
n41	30	20	518598	25@12	CP_QAM64	18.12	-3.76	12.21	33.01	14.36	33.01	PASS
n41	30	20	518598	1@1	CP_QAM64	17.89	-3.76	11.98	33.01	14.13	33.01	PASS
n41	30	20	518598	1@49	CP_QAM64	18.34	-3.76	12.43	33.01	14.58	33.01	PASS
n41	30	20	518598	25@12	CP_QAM25 6	15.31	-3.76	9.40	33.01	11.55	33.01	PASS
n41	30	20	518598	1@1	CP_QAM25 6	15.62	-3.76	9.71	33.01	11.86	33.01	PASS
n41	30	20	518598	1@49	CP_QAM25 6	15.66	-3.76	9.75	33.01	11.90	33.01	PASS
n41	30	20	535998	25@12	DFT_BPSK	21.69	-3.76	15.78	33.01	17.93	33.01	PASS
n41	30	20	535998	1@1	DFT_BPSK	21.09	-3.76	15.18	33.01	17.33	33.01	PASS
n41	30	20	535998	1@49	DFT_BPSK	21.79	-3.76	15.88	33.01	18.03	33.01	PASS
n41	30	20	535998	25@12	DFT_QPSK	21.71	-3.76	15.80	33.01	17.95	33.01	PASS

n41	30	20	535998	1@1	DFT_QPSK	20.98	-3.76	15.07	33.01	17.22	33.01	PASS
n41	30	20	535998	1@49	DFT_QPSK	21.60	-3.76	15.69	33.01	17.84	33.01	PASS
n41	30	20	535998	25@12	DFT_QAM1 6	20.69	-3.76	14.78	33.01	16.93	33.01	PASS
n41	30	20	535998	1@1	DFT_QAM1 6	20.37	-3.76	14.46	33.01	16.61	33.01	PASS
n41	30	20	535998	1@49	DFT_QAM1 6	20.93	-3.76	15.02	33.01	17.17	33.01	PASS
n41	30	20	535998	25@12	DFT_QAM6 4	19.19	-3.76	13.28	33.01	15.43	33.01	PASS
n41	30	20	535998	1@1	DFT_QAM6 4	18.37	-3.76	12.46	33.01	14.61	33.01	PASS
n41	30	20	535998	1@49	DFT_QAM6 4	19.04	-3.76	13.13	33.01	15.28	33.01	PASS
n41	30	20	535998	25@12	DFT_QAM2 56	17.05	-3.76	11.14	33.01	13.29	33.01	PASS
n41	30	20	535998	1@1	DFT_QAM2 56	16.78	-3.76	10.87	33.01	13.02	33.01	PASS
n41	30	20	535998	1@49	DFT_QAM2 56	17.39	-3.76	11.48	33.01	13.63	33.01	PASS
n41	30	20	535998	25@12	CP_QPSK	20.16	-3.76	14.25	33.01	16.40	33.01	PASS
n41	30	20	535998	1@1	CP_QPSK	19.60	-3.76	13.69	33.01	15.84	33.01	PASS
n41	30	20	535998	1@49	CP_QPSK	20.28	-3.76	14.37	33.01	16.52	33.01	PASS
n41	30	20	535998	25@12	CP_QAM16	19.68	-3.76	13.77	33.01	15.92	33.01	PASS
n41	30	20	535998	1@1	CP_QAM16	19.14	-3.76	13.23	33.01	15.38	33.01	PASS
n41	30	20	535998	1@49	CP_QAM16	19.86	-3.76	13.95	33.01	16.10	33.01	PASS
n41	30	20	535998	25@12	CP_QAM64	18.24	-3.76	12.33	33.01	14.48	33.01	PASS
n41	30	20	535998	1@1	CP_QAM64	17.69	-3.76	11.78	33.01	13.93	33.01	PASS
n41	30	20	535998	1@49	CP_QAM64	18.01	-3.76	12.10	33.01	14.25	33.01	PASS
n41	30	20	535998	25@12	CP_QAM25 6	15.25	-3.76	9.34	33.01	11.49	33.01	PASS
n41	30	20	535998	1@1	CP_QAM25 6	15.20	-3.76	9.29	33.01	11.44	33.01	PASS
n41	30	20	535998	1@49	CP_QAM25 6	15.68	-3.76	9.77	33.01	11.92	33.01	PASS
n41	30	30	502200	36@18	DFT_BPSK	22.43	-3.76	16.52	33.01	18.67	33.01	PASS
n41	30	30	502200	1@1	DFT_BPSK	22.20	-3.76	16.29	33.01	18.44	33.01	PASS
n41	30	30	502200	1@76	DFT_BPSK	22.04	-3.76	16.13	33.01	18.28	33.01	PASS
n41	30	30	502200	36@18	DFT_QPSK	22.39	-3.76	16.48	33.01	18.63	33.01	PASS
n41	30	30	502200	1@1	DFT_QPSK	22.07	-3.76	16.16	33.01	18.31	33.01	PASS
n41	30	30	502200	1@76	DFT_QPSK	21.87	-3.76	15.96	33.01	18.11	33.01	PASS
n41	30	30	502200	36@18	DFT_QAM1 6	21.36	-3.76	15.45	33.01	17.60	33.01	PASS
n41	30	30	502200	1@1	DFT_QAM1 6	21.49	-3.76	15.58	33.01	17.73	33.01	PASS
n41	30	30	502200	1@76	DFT_QAM1	21.33	-3.76	15.42	33.01	17.57	33.01	PASS

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n41	30	30	502200	36@18	DFT_QAM6 4	19.87	-3.76	13.96	33.01	16.11	33.01	PASS	
n41	30	30	502200	1@1	DFT_QAM6 4	19.84	-3.76	13.93	33.01	16.08	33.01	PASS	
n41	30	30	502200	1@76	DFT_QAM6 4	19.73	-3.76	13.82	33.01	15.97	33.01	PASS	
n41	30	30	502200	36@18	DFT_QAM2 56	17.97	-3.76	12.06	33.01	14.21	33.01	PASS	
n41	30	30	502200	1@1	DFT_QAM2 56	18.01	-3.76	12.10	33.01	14.25	33.01	PASS	
n41	30	30	502200	1@76	DFT_QAM2 56	17.91	-3.76	12.00	33.01	14.15	33.01	PASS	
n41	30	30	502200	39@19	CP_QPSK	20.85	-3.76	14.94	33.01	17.09	33.01	PASS	
n41	30	30	502200	1@1	CP_QPSK	20.57	-3.76	14.66	33.01	16.81	33.01	PASS	
n41	30	30	502200	1@76	CP_QPSK	20.54	-3.76	14.63	33.01	16.78	33.01	PASS	
n41	30	30	502200	39@19	CP_QAM16	20.38	-3.76	14.47	33.01	16.62	33.01	PASS	
n41	30	30	502200	1@1	CP_QAM16	20.36	-3.76	14.45	33.01	16.60	33.01	PASS	
n41	30	30	502200	1@76	CP_QAM16	20.04	-3.76	14.13	33.01	16.28	33.01	PASS	
n41	30	30	502200	39@19	CP_QAM64	18.82	-3.76	12.91	33.01	15.06	33.01	PASS	
n41	30	30	502200	1@1	CP_QAM64	18.76	-3.76	12.85	33.01	15.00	33.01	PASS	
n41	30	30	502200	1@76	CP_QAM64	18.64	-3.76	12.73	33.01	14.88	33.01	PASS	
n41	30	30	502200	39@19	CP_QAM25 6	15.91	-3.76	10.00	33.01	12.15	33.01	PASS	
n41	30	30	502200	1@1	CP_QAM25 6	16.21	-3.76	10.30	33.01	12.45	33.01	PASS	
n41	30	30	502200	1@76	CP_QAM25 6	16.07	-3.76	10.16	33.01	12.31	33.01	PASS	
n41	30	30	518598	36@18	DFT_BPSK	21.81	-3.76	15.90	33.01	18.05	33.01	PASS	
n41	30	30	518598	1@1	DFT_BPSK	21.51	-3.76	15.60	33.01	17.75	33.01	PASS	
n41	30	30	518598	1@76	DFT_BPSK	21.55	-3.76	15.64	33.01	17.79	33.01	PASS	
n41	30	30	518598	36@18	DFT_QPSK	21.81	-3.76	15.90	33.01	18.05	33.01	PASS	
n41	30	30	518598	1@1	DFT_QPSK	21.41	-3.76	15.50	33.01	17.65	33.01	PASS	
n41	30	30	518598	1@76	DFT_QPSK	21.52	-3.76	15.61	33.01	17.76	33.01	PASS	
n41	30	30	518598	36@18	DFT_QAM1 6	20.69	-3.76	14.78	33.01	16.93	33.01	PASS	
n41	30	30	518598	1@1	DFT_QAM1 6	20.76	-3.76	14.85	33.01	17.00	33.01	PASS	
n41	30	30	518598	1@76	DFT_QAM1 6	20.87	-3.76	14.96	33.01	17.11	33.01	PASS	
n41	30	30	518598	36@18	DFT_QAM6 4	19.24	-3.76	13.33	33.01	15.48	33.01	PASS	
n41	30	30	518598	1@1	DFT_QAM6 4	19.05	-3.76	13.14	33.01	15.29	33.01	PASS	
n41	30	30	518598	1@76	DFT_QAM6 4	19.10	-3.76	13.19	33.01	15.34	33.01	PASS	



n41	30	30	518598	36@18	DFT_QAM2 56	17.24	-3.76	11.33	33.01	13.48	33.01	PASS
n41	30	30	518598	1@1	DFT_QAM2 56	17.27	-3.76	11.36	33.01	13.51	33.01	PASS
n41	30	30	518598	1@76	DFT_QAM2 56	17.38	-3.76	11.47	33.01	13.62	33.01	PASS
n41	30	30	518598	39@19	CP_QPSK	20.21	-3.76	14.30	33.01	16.45	33.01	PASS
n41	30	30	518598	1@1	CP_QPSK	20.06	-3.76	14.15	33.01	16.30	33.01	PASS
n41	30	30	518598	1@76	CP_QPSK	20.18	-3.76	14.27	33.01	16.42	33.01	PASS
n41	30	30	518598	39@19	CP_QAM16	19.80	-3.76	13.89	33.01	16.04	33.01	PASS
n41	30	30	518598	1@1	CP_QAM16	19.59	-3.76	13.68	33.01	15.83	33.01	PASS
n41	30	30	518598	1@76	CP_QAM16	19.66	-3.76	13.75	33.01	15.90	33.01	PASS
n41	30	30	518598	39@19	CP_QAM64	18.21	-3.76	12.30	33.01	14.45	33.01	PASS
n41	30	30	518598	1@1	CP_QAM64	17.70	-3.76	11.79	33.01	13.94	33.01	PASS
n41	30	30	518598	1@76	CP_QAM64	17.80	-3.76	11.89	33.01	14.04	33.01	PASS
n41	30	30	518598	39@19	CP_QAM25 6	15.36	-3.76	9.45	33.01	11.60	33.01	PASS
n41	30	30	518598	1@1	CP_QAM25 6	15.61	-3.76	9.70	33.01	11.85	33.01	PASS
n41	30	30	518598	1@76	CP_QAM25 6	15.61	-3.76	9.70	33.01	11.85	33.01	PASS
n41	30	30	534996	36@18	DFT_BPSK	21.48	-3.76	15.57	33.01	17.72	33.01	PASS
n41	30	30	534996	1@1	DFT_BPSK	21.00	-3.76	15.09	33.01	17.24	33.01	PASS
n41	30	30	534996	1@76	DFT_BPSK	21.55	-3.76	15.64	33.01	17.79	33.01	PASS
n41	30	30	534996	36@18	DFT_QPSK	21.49	-3.76	15.58	33.01	17.73	33.01	PASS
n41	30	30	534996	1@1	DFT_QPSK	20.89	-3.76	14.98	33.01	17.13	33.01	PASS
n41	30	30	534996	1@76	DFT_QPSK	21.52	-3.76	15.61	33.01	17.76	33.01	PASS
n41	30	30	534996	36@18	DFT_QAM1 6	20.51	-3.76	14.60	33.01	16.75	33.01	PASS
n41	30	30	534996	1@1	DFT_QAM1 6	20.19	-3.76	14.28	33.01	16.43	33.01	PASS
n41	30	30	534996	1@76	DFT_QAM1 6	20.89	-3.76	14.98	33.01	17.13	33.01	PASS
n41	30	30	534996	36@18	DFT_QAM6 4	19.03	-3.76	13.12	33.01	15.27	33.01	PASS
n41	30	30	534996	1@1	DFT_QAM6 4	18.52	-3.76	12.61	33.01	14.76	33.01	PASS
n41	30	30	534996	1@76	DFT_QAM6 4	19.01	-3.76	13.10	33.01	15.25	33.01	PASS
n41	30	30	534996	36@18	DFT_QAM2 56	16.90	-3.76	10.99	33.01	13.14	33.01	PASS
n41	30	30	534996	1@1	DFT_QAM2 56	16.74	-3.76	10.83	33.01	12.98	33.01	PASS
n41	30	30	534996	1@76	DFT_QAM2 56	17.33	-3.76	11.42	33.01	13.57	33.01	PASS
n41	30	30	534996	39@19	CP_QPSK	19.90	-3.76	13.99	33.01	16.14	33.01	PASS

n41	30	30	534996	1@1	CP_QPSK	19.62	-3.76	13.71	33.01	15.86	33.01	PASS
n41	30	30	534996	1@76	CP_QPSK	20.13	-3.76	14.22	33.01	16.37	33.01	PASS
n41	30	30	534996	39@19	CP_QAM16	19.49	-3.76	13.58	33.01	15.73	33.01	PASS
n41	30	30	534996	1@1	CP_QAM16	19.34	-3.76	13.43	33.01	15.58	33.01	PASS
n41	30	30	534996	1@76	CP_QAM16	19.90	-3.76	13.99	33.01	16.14	33.01	PASS
n41	30	30	534996	39@19	CP_QAM64	17.95	-3.76	12.04	33.01	14.19	33.01	PASS
n41	30	30	534996	1@1	CP_QAM64	17.49	-3.76	11.58	33.01	13.73	33.01	PASS
n41	30	30	534996	1@76	CP_QAM64	18.10	-3.76	12.19	33.01	14.34	33.01	PASS
n41	30	30	534996	39@19	CP_QAM256	15.11	-3.76	9.20	33.01	11.35	33.01	PASS
n41	30	30	534996	1@1	CP_QAM256	15.28	-3.76	9.37	33.01	11.52	33.01	PASS
n41	30	30	534996	1@76	CP_QAM256	15.61	-3.76	9.70	33.01	11.85	33.01	PASS
n41	30	40	503202	50@25	DFT_BPSK	22.39	-3.76	16.48	33.01	18.63	33.01	PASS
n41	30	40	503202	1@1	DFT_BPSK	21.93	-3.76	16.02	33.01	18.17	33.01	PASS
n41	30	40	503202	1@104	DFT_BPSK	21.67	-3.76	15.76	33.01	17.91	33.01	PASS
n41	30	40	503202	50@25	DFT_QPSK	22.37	-3.76	16.46	33.01	18.61	33.01	PASS
n41	30	40	503202	1@1	DFT_QPSK	21.77	-3.76	15.86	33.01	18.01	33.01	PASS
n41	30	40	503202	1@104	DFT_QPSK	21.56	-3.76	15.65	33.01	17.80	33.01	PASS
n41	30	40	503202	50@25	DFT_QAM16	21.33	-3.76	15.42	33.01	17.57	33.01	PASS
n41	30	40	503202	1@1	DFT_QAM16	21.08	-3.76	15.17	33.01	17.32	33.01	PASS
n41	30	40	503202	1@104	DFT_QAM16	20.85	-3.76	14.94	33.01	17.09	33.01	PASS
n41	30	40	503202	50@25	DFT_QAM64	19.87	-3.76	13.96	33.01	16.11	33.01	PASS
n41	30	40	503202	1@1	DFT_QAM64	19.45	-3.76	13.54	33.01	15.69	33.01	PASS
n41	30	40	503202	1@104	DFT_QAM64	19.25	-3.76	13.34	33.01	15.49	33.01	PASS
n41	30	40	503202	50@25	DFT_QAM256	18.02	-3.76	12.11	33.01	14.26	33.01	PASS
n41	30	40	503202	1@1	DFT_QAM256	17.86	-3.76	11.95	33.01	14.10	33.01	PASS
n41	30	40	503202	1@104	DFT_QAM256	17.46	-3.76	11.55	33.01	13.70	33.01	PASS
n41	30	40	503202	53@26	CP_QPSK	20.86	-3.76	14.95	33.01	17.10	33.01	PASS
n41	30	40	503202	1@1	CP_QPSK	20.43	-3.76	14.52	33.01	16.67	33.01	PASS
n41	30	40	503202	1@104	CP_QPSK	20.24	-3.76	14.33	33.01	16.48	33.01	PASS
n41	30	40	503202	53@26	CP_QAM16	20.32	-3.76	14.41	33.01	16.56	33.01	PASS
n41	30	40	503202	1@1	CP_QAM16	19.98	-3.76	14.07	33.01	16.22	33.01	PASS
n41	30	40	503202	1@104	CP_QAM16	19.99	-3.76	14.08	33.01	16.23	33.01	PASS
n41	30	40	503202	53@26	CP_QAM64	18.78	-3.76	12.87	33.01	15.02	33.01	PASS

n41	30	40	503202	1@1	CP_QAM64	18.31	-3.76	12.40	33.01	14.55	33.01	PASS
n41	30	40	503202	1@104	CP_QAM64	17.80	-3.76	11.89	33.01	14.04	33.01	PASS
n41	30	40	503202	53@26	CP_QAM25 6	15.93	-3.76	10.02	33.01	12.17	33.01	PASS
n41	30	40	503202	1@1	CP_QAM25 6	16.03	-3.76	10.12	33.01	12.27	33.01	PASS
n41	30	40	503202	1@104	CP_QAM25 6	16.00	-3.76	10.09	33.01	12.24	33.01	PASS
n41	30	40	518598	50@25	DFT_BPSK	21.74	-3.76	15.83	33.01	17.98	33.01	PASS
n41	30	40	518598	1@1	DFT_BPSK	21.48	-3.76	15.57	33.01	17.72	33.01	PASS
n41	30	40	518598	1@104	DFT_BPSK	21.34	-3.76	15.43	33.01	17.58	33.01	PASS
n41	30	40	518598	50@25	DFT_QPSK	21.76	-3.76	15.85	33.01	18.00	33.01	PASS
n41	30	40	518598	1@1	DFT_QPSK	21.33	-3.76	15.42	33.01	17.57	33.01	PASS
n41	30	40	518598	1@104	DFT_QPSK	21.19	-3.76	15.28	33.01	17.43	33.01	PASS
n41	30	40	518598	50@25	DFT_QAM1 6	20.81	-3.76	14.90	33.01	17.05	33.01	PASS
n41	30	40	518598	1@1	DFT_QAM1 6	20.53	-3.76	14.62	33.01	16.77	33.01	PASS
n41	30	40	518598	1@104	DFT_QAM1 6	20.41	-3.76	14.50	33.01	16.65	33.01	PASS
n41	30	40	518598	50@25	DFT_QAM6 4	19.29	-3.76	13.38	33.01	15.53	33.01	PASS
n41	30	40	518598	1@1	DFT_QAM6 4	18.84	-3.76	12.93	33.01	15.08	33.01	PASS
n41	30	40	518598	1@104	DFT_QAM6 4	18.71	-3.76	12.80	33.01	14.95	33.01	PASS
n41	30	40	518598	50@25	DFT_QAM2 56	17.29	-3.76	11.38	33.01	13.53	33.01	PASS
n41	30	40	518598	1@1	DFT_QAM2 56	16.95	-3.76	11.04	33.01	13.19	33.01	PASS
n41	30	40	518598	1@104	DFT_QAM2 56	16.75	-3.76	10.84	33.01	12.99	33.01	PASS
n41	30	40	518598	53@26	CP_QPSK	20.25	-3.76	14.34	33.01	16.49	33.01	PASS
n41	30	40	518598	1@1	CP_QPSK	19.76	-3.76	13.85	33.01	16.00	33.01	PASS
n41	30	40	518598	1@104	CP_QPSK	19.70	-3.76	13.79	33.01	15.94	33.01	PASS
n41	30	40	518598	53@26	CP_QAM16	19.77	-3.76	13.86	33.01	16.01	33.01	PASS
n41	30	40	518598	1@1	CP_QAM16	19.71	-3.76	13.80	33.01	15.95	33.01	PASS
n41	30	40	518598	1@104	CP_QAM16	19.50	-3.76	13.59	33.01	15.74	33.01	PASS
n41	30	40	518598	53@26	CP_QAM64	18.29	-3.76	12.38	33.01	14.53	33.01	PASS
n41	30	40	518598	1@1	CP_QAM64	17.97	-3.76	12.06	33.01	14.21	33.01	PASS
n41	30	40	518598	1@104	CP_QAM64	17.82	-3.76	11.91	33.01	14.06	33.01	PASS
n41	30	40	518598	53@26	CP_QAM25 6	15.41	-3.76	9.50	33.01	11.65	33.01	PASS
n41	30	40	518598	1@1	CP_QAM25 6	15.42	-3.76	9.51	33.01	11.66	33.01	PASS
n41	30	40	518598	1@104	CP_QAM25	15.31	-3.76	9.40	33.01	11.55	33.01	PASS

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n41	30	40	534000	50@25	DFT_BPSK	21.33	-3.76	15.42	33.01	17.57	33.01	PASS
n41	30	40	534000	1@1	DFT_BPSK	21.08	-3.76	15.17	33.01	17.32	33.01	PASS
n41	30	40	534000	1@104	DFT_BPSK	21.45	-3.76	15.54	33.01	17.69	33.01	PASS
n41	30	40	534000	50@25	DFT_QPSK	21.36	-3.76	15.45	33.01	17.60	33.01	PASS
n41	30	40	534000	1@1	DFT_QPSK	20.96	-3.76	15.05	33.01	17.20	33.01	PASS
n41	30	40	534000	1@104	DFT_QPSK	21.25	-3.76	15.34	33.01	17.49	33.01	PASS
n41	30	40	534000	50@25	DFT_QAM1 6	20.39	-3.76	14.48	33.01	16.63	33.01	PASS
n41	30	40	534000	1@1	DFT_QAM1 6	20.37	-3.76	14.46	33.01	16.61	33.01	PASS
n41	30	40	534000	1@104	DFT_QAM1 6	20.73	-3.76	14.82	33.01	16.97	33.01	PASS
n41	30	40	534000	50@25	DFT_QAM6 4	18.87	-3.76	12.96	33.01	15.11	33.01	PASS
n41	30	40	534000	1@1	DFT_QAM6 4	18.46	-3.76	12.55	33.01	14.70	33.01	PASS
n41	30	40	534000	1@104	DFT_QAM6 4	19.06	-3.76	13.15	33.01	15.30	33.01	PASS
n41	30	40	534000	50@25	DFT_QAM2 56	16.86	-3.76	10.95	33.01	13.10	33.01	PASS
n41	30	40	534000	1@1	DFT_QAM2 56	16.80	-3.76	10.89	33.01	13.04	33.01	PASS
n41	30	40	534000	1@104	DFT_QAM2 56	16.94	-3.76	11.03	33.01	13.18	33.01	PASS
n41	30	40	534000	53@26	CP_QPSK	19.86	-3.76	13.95	33.01	16.10	33.01	PASS
n41	30	40	534000	1@1	CP_QPSK	19.50	-3.76	13.59	33.01	15.74	33.01	PASS
n41	30	40	534000	1@104	CP_QPSK	19.80	-3.76	13.89	33.01	16.04	33.01	PASS
n41	30	40	534000	53@26	CP_QAM16	19.30	-3.76	13.39	33.01	15.54	33.01	PASS
n41	30	40	534000	1@1	CP_QAM16	19.19	-3.76	13.28	33.01	15.43	33.01	PASS
n41	30	40	534000	1@104	CP_QAM16	19.68	-3.76	13.77	33.01	15.92	33.01	PASS
n41	30	40	534000	53@26	CP_QAM64	17.85	-3.76	11.94	33.01	14.09	33.01	PASS
n41	30	40	534000	1@1	CP_QAM64	17.53	-3.76	11.62	33.01	13.77	33.01	PASS
n41	30	40	534000	1@104	CP_QAM64	17.81	-3.76	11.90	33.01	14.05	33.01	PASS
n41	30	40	534000	53@26	CP_QAM25 6	14.96	-3.76	9.05	33.01	11.20	33.01	PASS
n41	30	40	534000	1@1	CP_QAM25 6	15.06	-3.76	9.15	33.01	11.30	33.01	PASS
n41	30	40	534000	1@104	CP_QAM25 6	15.47	-3.76	9.56	33.01	11.71	33.01	PASS
n41	30	50	504204	64@32	DFT_BPSK	22.32	-3.76	16.41	33.01	18.56	33.01	PASS
n41	30	50	504204	1@1	DFT_BPSK	22.19	-3.76	16.28	33.01	18.43	33.01	PASS
n41	30	50	504204	1@131	DFT_BPSK	21.86	-3.76	15.95	33.01	18.10	33.01	PASS
n41	30	50	504204	64@32	DFT_QPSK	22.26	-3.76	16.35	33.01	18.50	33.01	PASS
n41	30	50	504204	1@1	DFT_QPSK	22.07	-3.76	16.16	33.01	18.31	33.01	PASS

n41	30	50	504204	1@131	DFT_QPSK	21.67	-3.76	15.76	33.01	17.91	33.01	PASS
n41	30	50	504204	64@32	DFT_QAM1 6	21.29	-3.76	15.38	33.01	17.53	33.01	PASS
n41	30	50	504204	1@1	DFT_QAM1 6	21.23	-3.76	15.32	33.01	17.47	33.01	PASS
n41	30	50	504204	1@131	DFT_QAM1 6	21.13	-3.76	15.22	33.01	17.37	33.01	PASS
n41	30	50	504204	64@32	DFT_QAM6 4	19.83	-3.76	13.92	33.01	16.07	33.01	PASS
n41	30	50	504204	1@1	DFT_QAM6 4	19.58	-3.76	13.67	33.01	15.82	33.01	PASS
n41	30	50	504204	1@131	DFT_QAM6 4	19.32	-3.76	13.41	33.01	15.56	33.01	PASS
n41	30	50	504204	64@32	DFT_QAM2 56	17.96	-3.76	12.05	33.01	14.20	33.01	PASS
n41	30	50	504204	1@1	DFT_QAM2 56	17.94	-3.76	12.03	33.01	14.18	33.01	PASS
n41	30	50	504204	1@131	DFT_QAM2 56	17.30	-3.76	11.39	33.01	13.54	33.01	PASS
n41	30	50	504204	67@33	CP_QPSK	20.82	-3.76	14.91	33.01	17.06	33.01	PASS
n41	30	50	504204	1@1	CP_QPSK	20.50	-3.76	14.59	33.01	16.74	33.01	PASS
n41	30	50	504204	1@131	CP_QPSK	20.19	-3.76	14.28	33.01	16.43	33.01	PASS
n41	30	50	504204	67@33	CP_QAM16	20.34	-3.76	14.43	33.01	16.58	33.01	PASS
n41	30	50	504204	1@1	CP_QAM16	20.25	-3.76	14.34	33.01	16.49	33.01	PASS
n41	30	50	504204	1@131	CP_QAM16	19.90	-3.76	13.99	33.01	16.14	33.01	PASS
n41	30	50	504204	67@33	CP_QAM64	18.72	-3.76	12.81	33.01	14.96	33.01	PASS
n41	30	50	504204	1@1	CP_QAM64	18.68	-3.76	12.77	33.01	14.92	33.01	PASS
n41	30	50	504204	1@131	CP_QAM64	18.15	-3.76	12.24	33.01	14.39	33.01	PASS
n41	30	50	504204	67@33	CP_QAM25 6	15.94	-3.76	10.03	33.01	12.18	33.01	PASS
n41	30	50	504204	1@1	CP_QAM25 6	16.24	-3.76	10.33	33.01	12.48	33.01	PASS
n41	30	50	504204	1@131	CP_QAM25 6	15.83	-3.76	9.92	33.01	12.07	33.01	PASS
n41	30	50	518598	64@32	DFT_BPSK	21.80	-3.76	15.89	33.01	18.04	33.01	PASS
n41	30	50	518598	1@1	DFT_BPSK	21.86	-3.76	15.95	33.01	18.10	33.01	PASS
n41	30	50	518598	1@131	DFT_BPSK	21.40	-3.76	15.49	33.01	17.64	33.01	PASS
n41	30	50	518598	64@32	DFT_QPSK	21.84	-3.76	15.93	33.01	18.08	33.01	PASS
n41	30	50	518598	1@1	DFT_QPSK	21.66	-3.76	15.75	33.01	17.90	33.01	PASS
n41	30	50	518598	1@131	DFT_QPSK	21.25	-3.76	15.34	33.01	17.49	33.01	PASS
n41	30	50	518598	64@32	DFT_QAM1 6	20.84	-3.76	14.93	33.01	17.08	33.01	PASS
n41	30	50	518598	1@1	DFT_QAM1 6	21.11	-3.76	15.20	33.01	17.35	33.01	PASS
n41	30	50	518598	1@131	DFT_QAM1 6	20.72	-3.76	14.81	33.01	16.96	33.01	PASS

n41	30	50	518598	64@32	DFT_QAM6 4	19.31	-3.76	13.40	33.01	15.55	33.01	PASS
n41	30	50	518598	1@1	DFT_QAM6 4	19.15	-3.76	13.24	33.01	15.39	33.01	PASS
n41	30	50	518598	1@131	DFT_QAM6 4	18.95	-3.76	13.04	33.01	15.19	33.01	PASS
n41	30	50	518598	64@32	DFT_QAM2 56	17.31	-3.76	11.40	33.01	13.55	33.01	PASS
n41	30	50	518598	1@1	DFT_QAM2 56	17.49	-3.76	11.58	33.01	13.73	33.01	PASS
n41	30	50	518598	1@131	DFT_QAM2 56	16.94	-3.76	11.03	33.01	13.18	33.01	PASS
n41	30	50	518598	67@33	CP_QPSK	20.30	-3.76	14.39	33.01	16.54	33.01	PASS
n41	30	50	518598	1@1	CP_QPSK	20.22	-3.76	14.31	33.01	16.46	33.01	PASS
n41	30	50	518598	1@131	CP_QPSK	19.80	-3.76	13.89	33.01	16.04	33.01	PASS
n41	30	50	518598	67@33	CP_QAM16	19.72	-3.76	13.81	33.01	15.96	33.01	PASS
n41	30	50	518598	1@1	CP_QAM16	20.05	-3.76	14.14	33.01	16.29	33.01	PASS
n41	30	50	518598	1@131	CP_QAM16	19.65	-3.76	13.74	33.01	15.89	33.01	PASS
n41	30	50	518598	67@33	CP_QAM64	18.24	-3.76	12.33	33.01	14.48	33.01	PASS
n41	30	50	518598	1@1	CP_QAM64	18.26	-3.76	12.35	33.01	14.50	33.01	PASS
n41	30	50	518598	1@131	CP_QAM64	17.84	-3.76	11.93	33.01	14.08	33.01	PASS
n41	30	50	518598	67@33	CP_QAM25 6	15.34	-3.76	9.43	33.01	11.58	33.01	PASS
n41	30	50	518598	1@1	CP_QAM25 6	15.91	-3.76	10.00	33.01	12.15	33.01	PASS
n41	30	50	518598	1@131	CP_QAM25 6	15.32	-3.76	9.41	33.01	11.56	33.01	PASS
n41	30	50	532998	64@32	DFT_BPSK	21.42	-3.76	15.51	33.01	17.66	33.01	PASS
n41	30	50	532998	1@1	DFT_BPSK	21.40	-3.76	15.49	33.01	17.64	33.01	PASS
n41	30	50	532998	1@131	DFT_BPSK	21.64	-3.76	15.73	33.01	17.88	33.01	PASS
n41	30	50	532998	64@32	DFT_QPSK	21.35	-3.76	15.44	33.01	17.59	33.01	PASS
n41	30	50	532998	1@1	DFT_QPSK	21.30	-3.76	15.39	33.01	17.54	33.01	PASS
n41	30	50	532998	1@131	DFT_QPSK	21.55	-3.76	15.64	33.01	17.79	33.01	PASS
n41	30	50	532998	64@32	DFT_QAM1 6	20.35	-3.76	14.44	33.01	16.59	33.01	PASS
n41	30	50	532998	1@1	DFT_QAM1 6	20.72	-3.76	14.81	33.01	16.96	33.01	PASS
n41	30	50	532998	1@131	DFT_QAM1 6	20.87	-3.76	14.96	33.01	17.11	33.01	PASS
n41	30	50	532998	64@32	DFT_QAM6 4	18.88	-3.76	12.97	33.01	15.12	33.01	PASS
n41	30	50	532998	1@1	DFT_QAM6 4	18.70	-3.76	12.79	33.01	14.94	33.01	PASS
n41	30	50	532998	1@131	DFT_QAM6 4	19.37	-3.76	13.46	33.01	15.61	33.01	PASS
n41	30	50	532998	64@32	DFT_QAM2 56	16.93	-3.76	11.02	33.01	13.17	33.01	PASS

n41	30	50	532998	1@1	DFT_QAM2 56	16.99	-3.76	11.08	33.01	13.23	33.01	PASS
n41	30	50	532998	1@131	DFT_QAM2 56	17.34	-3.76	11.43	33.01	13.58	33.01	PASS
n41	30	50	532998	67@33	CP_QPSK	19.80	-3.76	13.89	33.01	16.04	33.01	PASS
n41	30	50	532998	1@1	CP_QPSK	19.89	-3.76	13.98	33.01	16.13	33.01	PASS
n41	30	50	532998	1@131	CP_QPSK	20.14	-3.76	14.23	33.01	16.38	33.01	PASS
n41	30	50	532998	67@33	CP_QAM16	19.38	-3.76	13.47	33.01	15.62	33.01	PASS
n41	30	50	532998	1@1	CP_QAM16	19.60	-3.76	13.69	33.01	15.84	33.01	PASS
n41	30	50	532998	1@131	CP_QAM16	19.86	-3.76	13.95	33.01	16.10	33.01	PASS
n41	30	50	532998	67@33	CP_QAM64	17.86	-3.76	11.95	33.01	14.10	33.01	PASS
n41	30	50	532998	1@1	CP_QAM64	17.96	-3.76	12.05	33.01	14.20	33.01	PASS
n41	30	50	532998	1@131	CP_QAM64	18.29	-3.76	12.38	33.01	14.53	33.01	PASS
n41	30	50	532998	67@33	CP_QAM25 6	14.92	-3.76	9.01	33.01	11.16	33.01	PASS
n41	30	50	532998	1@1	CP_QAM25 6	15.45	-3.76	9.54	33.01	11.69	33.01	PASS
n41	30	50	532998	1@131	CP_QAM25 6	15.78	-3.76	9.87	33.01	12.02	33.01	PASS
n41	30	60	505200	81@40	DFT_BPSK	22.25	-3.76	16.34	33.01	18.49	33.01	PASS
n41	30	60	505200	1@1	DFT_BPSK	22.10	-3.76	16.19	33.01	18.34	33.01	PASS
n41	30	60	505200	1@160	DFT_BPSK	21.74	-3.76	15.83	33.01	17.98	33.01	PASS
n41	30	60	505200	81@40	DFT_QPSK	22.29	-3.76	16.38	33.01	18.53	33.01	PASS
n41	30	60	505200	1@1	DFT_QPSK	22.00	-3.76	16.09	33.01	18.24	33.01	PASS
n41	30	60	505200	1@160	DFT_QPSK	21.57	-3.76	15.66	33.01	17.81	33.01	PASS
n41	30	60	505200	81@40	DFT_QAM1 6	21.23	-3.76	15.32	33.01	17.47	33.01	PASS
n41	30	60	505200	1@1	DFT_QAM1 6	21.02	-3.76	15.11	33.01	17.26	33.01	PASS
n41	30	60	505200	1@160	DFT_QAM1 6	20.68	-3.76	14.77	33.01	16.92	33.01	PASS
n41	30	60	505200	81@40	DFT_QAM6 4	19.68	-3.76	13.77	33.01	15.92	33.01	PASS
n41	30	60	505200	1@1	DFT_QAM6 4	19.62	-3.76	13.71	33.01	15.86	33.01	PASS
n41	30	60	505200	1@160	DFT_QAM6 4	19.11	-3.76	13.20	33.01	15.35	33.01	PASS
n41	30	60	505200	81@40	DFT_QAM2 56	17.93	-3.76	12.02	33.01	14.17	33.01	PASS
n41	30	60	505200	1@1	DFT_QAM2 56	18.05	-3.76	12.14	33.01	14.29	33.01	PASS
n41	30	60	505200	1@160	DFT_QAM2 56	17.38	-3.76	11.47	33.01	13.62	33.01	PASS
n41	30	60	505200	81@40	CP_QPSK	20.70	-3.76	14.79	33.01	16.94	33.01	PASS
n41	30	60	505200	1@1	CP_QPSK	20.54	-3.76	14.63	33.01	16.78	33.01	PASS
n41	30	60	505200	1@160	CP_QPSK	20.22	-3.76	14.31	33.01	16.46	33.01	PASS

n41	30	60	505200	81@40	CP_QAM16	20.31	-3.76	14.40	33.01	16.55	33.01	PASS
n41	30	60	505200	1@1	CP_QAM16	20.28	-3.76	14.37	33.01	16.52	33.01	PASS
n41	30	60	505200	1@160	CP_QAM16	19.83	-3.76	13.92	33.01	16.07	33.01	PASS
n41	30	60	505200	81@40	CP_QAM64	18.72	-3.76	12.81	33.01	14.96	33.01	PASS
n41	30	60	505200	1@1	CP_QAM64	18.44	-3.76	12.53	33.01	14.68	33.01	PASS
n41	30	60	505200	1@160	CP_QAM64	18.08	-3.76	12.17	33.01	14.32	33.01	PASS
n41	30	60	505200	81@40	CP_QAM25 6	15.77	-3.76	9.86	33.01	12.01	33.01	PASS
n41	30	60	505200	1@1	CP_QAM25 6	16.18	-3.76	10.27	33.01	12.42	33.01	PASS
n41	30	60	505200	1@160	CP_QAM25 6	15.74	-3.76	9.83	33.01	11.98	33.01	PASS
n41	30	60	518598	81@40	DFT_BPSK	21.84	-3.76	15.93	33.01	18.08	33.01	PASS
n41	30	60	518598	1@1	DFT_BPSK	21.72	-3.76	15.81	33.01	17.96	33.01	PASS
n41	30	60	518598	1@160	DFT_BPSK	21.21	-3.76	15.30	33.01	17.45	33.01	PASS
n41	30	60	518598	81@40	DFT_QPSK	21.85	-3.76	15.94	33.01	18.09	33.01	PASS
n41	30	60	518598	1@1	DFT_QPSK	21.63	-3.76	15.72	33.01	17.87	33.01	PASS
n41	30	60	518598	1@160	DFT_QPSK	20.94	-3.76	15.03	33.01	17.18	33.01	PASS
n41	30	60	518598	81@40	DFT_QAM1 6	20.82	-3.76	14.91	33.01	17.06	33.01	PASS
n41	30	60	518598	1@1	DFT_QAM1 6	20.94	-3.76	15.03	33.01	17.18	33.01	PASS
n41	30	60	518598	1@160	DFT_QAM1 6	20.31	-3.76	14.40	33.01	16.55	33.01	PASS
n41	30	60	518598	81@40	DFT_QAM6 4	19.29	-3.76	13.38	33.01	15.53	33.01	PASS
n41	30	60	518598	1@1	DFT_QAM6 4	19.15	-3.76	13.24	33.01	15.39	33.01	PASS
n41	30	60	518598	1@160	DFT_QAM6 4	18.49	-3.76	12.58	33.01	14.73	33.01	PASS
n41	30	60	518598	81@40	DFT_QAM2 56	17.26	-3.76	11.35	33.01	13.50	33.01	PASS
n41	30	60	518598	1@1	DFT_QAM2 56	17.41	-3.76	11.50	33.01	13.65	33.01	PASS
n41	30	60	518598	1@160	DFT_QAM2 56	16.80	-3.76	10.89	33.01	13.04	33.01	PASS
n41	30	60	518598	81@40	CP_QPSK	20.23	-3.76	14.32	33.01	16.47	33.01	PASS
n41	30	60	518598	1@1	CP_QPSK	20.27	-3.76	14.36	33.01	16.51	33.01	PASS
n41	30	60	518598	1@160	CP_QPSK	19.67	-3.76	13.76	33.01	15.91	33.01	PASS
n41	30	60	518598	81@40	CP_QAM16	19.80	-3.76	13.89	33.01	16.04	33.01	PASS
n41	30	60	518598	1@1	CP_QAM16	20.03	-3.76	14.12	33.01	16.27	33.01	PASS
n41	30	60	518598	1@160	CP_QAM16	19.12	-3.76	13.21	33.01	15.36	33.01	PASS
n41	30	60	518598	81@40	CP_QAM64	18.25	-3.76	12.34	33.01	14.49	33.01	PASS
n41	30	60	518598	1@1	CP_QAM64	17.97	-3.76	12.06	33.01	14.21	33.01	PASS
n41	30	60	518598	1@160	CP_QAM64	17.49	-3.76	11.58	33.01	13.73	33.01	PASS



n41	30	60	518598	81@40	CP_QAM25 6	15.45	-3.76	9.54	33.01	11.69	33.01	PASS
n41	30	60	518598	1@1	CP_QAM25 6	15.91	-3.76	10.00	33.01	12.15	33.01	PASS
n41	30	60	518598	1@160	CP_QAM25 6	15.17	-3.76	9.26	33.01	11.41	33.01	PASS
n41	30	60	531996	81@40	DFT_BPSK	21.46	-3.76	15.55	33.01	17.70	33.01	PASS
n41	30	60	531996	1@1	DFT_BPSK	21.11	-3.76	15.20	33.01	17.35	33.01	PASS
n41	30	60	531996	1@160	DFT_BPSK	21.40	-3.76	15.49	33.01	17.64	33.01	PASS
n41	30	60	531996	81@40	DFT_QPSK	21.41	-3.76	15.50	33.01	17.65	33.01	PASS
n41	30	60	531996	1@1	DFT_QPSK	20.86	-3.76	14.95	33.01	17.10	33.01	PASS
n41	30	60	531996	1@160	DFT_QPSK	21.36	-3.76	15.45	33.01	17.60	33.01	PASS
n41	30	60	531996	81@40	DFT_QAM1 6	20.43	-3.76	14.52	33.01	16.67	33.01	PASS
n41	30	60	531996	1@1	DFT_QAM1 6	20.23	-3.76	14.32	33.01	16.47	33.01	PASS
n41	30	60	531996	1@160	DFT_QAM1 6	20.64	-3.76	14.73	33.01	16.88	33.01	PASS
n41	30	60	531996	81@40	DFT_QAM6 4	18.89	-3.76	12.98	33.01	15.13	33.01	PASS
n41	30	60	531996	1@1	DFT_QAM6 4	18.41	-3.76	12.50	33.01	14.65	33.01	PASS
n41	30	60	531996	1@160	DFT_QAM6 4	18.86	-3.76	12.95	33.01	15.10	33.01	PASS
n41	30	60	531996	81@40	DFT_QAM2 56	16.90	-3.76	10.99	33.01	13.14	33.01	PASS
n41	30	60	531996	1@1	DFT_QAM2 56	16.70	-3.76	10.79	33.01	12.94	33.01	PASS
n41	30	60	531996	1@160	DFT_QAM2 56	17.25	-3.76	11.34	33.01	13.49	33.01	PASS
n41	30	60	531996	81@40	CP_QPSK	19.84	-3.76	13.93	33.01	16.08	33.01	PASS
n41	30	60	531996	1@1	CP_QPSK	19.60	-3.76	13.69	33.01	15.84	33.01	PASS
n41	30	60	531996	1@160	CP_QPSK	19.99	-3.76	14.08	33.01	16.23	33.01	PASS
n41	30	60	531996	81@40	CP_QAM16	19.38	-3.76	13.47	33.01	15.62	33.01	PASS
n41	30	60	531996	1@1	CP_QAM16	19.38	-3.76	13.47	33.01	15.62	33.01	PASS
n41	30	60	531996	1@160	CP_QAM16	19.79	-3.76	13.88	33.01	16.03	33.01	PASS
n41	30	60	531996	81@40	CP_QAM64	17.91	-3.76	12.00	33.01	14.15	33.01	PASS
n41	30	60	531996	1@1	CP_QAM64	17.22	-3.76	11.31	33.01	13.46	33.01	PASS
n41	30	60	531996	1@160	CP_QAM64	17.98	-3.76	12.07	33.01	14.22	33.01	PASS
n41	30	60	531996	81@40	CP_QAM25 6	14.92	-3.76	9.01	33.01	11.16	33.01	PASS
n41	30	60	531996	1@1	CP_QAM25 6	15.10	-3.76	9.19	33.01	11.34	33.01	PASS
n41	30	60	531996	1@160	CP_QAM25 6	15.59	-3.76	9.68	33.01	11.83	33.01	PASS
n41	30	80	507204	108@54	DFT_BPSK	22.22	-3.76	16.31	33.01	18.46	33.01	PASS

n41	30	80	507204	1@1	DFT_BPSK	21.96	-3.76	16.05	33.01	18.20	33.01	PASS
n41	30	80	507204	1@215	DFT_BPSK	21.38	-3.76	15.47	33.01	17.62	33.01	PASS
n41	30	80	507204	108@54	DFT_QPSK	22.16	-3.76	16.25	33.01	18.40	33.01	PASS
n41	30	80	507204	1@1	DFT_QPSK	21.70	-3.76	15.79	33.01	17.94	33.01	PASS
n41	30	80	507204	1@215	DFT_QPSK	21.21	-3.76	15.30	33.01	17.45	33.01	PASS
n41	30	80	507204	108@54	DFT_QAM16	21.16	-3.76	15.25	33.01	17.40	33.01	PASS
n41	30	80	507204	1@1	DFT_QAM16	20.92	-3.76	15.01	33.01	17.16	33.01	PASS
n41	30	80	507204	1@215	DFT_QAM16	20.40	-3.76	14.49	33.01	16.64	33.01	PASS
n41	30	80	507204	108@54	DFT_QAM64	19.65	-3.76	13.74	33.01	15.89	33.01	PASS
n41	30	80	507204	1@1	DFT_QAM64	19.43	-3.76	13.52	33.01	15.67	33.01	PASS
n41	30	80	507204	1@215	DFT_QAM64	18.91	-3.76	13.00	33.01	15.15	33.01	PASS
n41	30	80	507204	108@54	DFT_QAM256	17.67	-3.76	11.76	33.01	13.91	33.01	PASS
n41	30	80	507204	1@1	DFT_QAM256	17.88	-3.76	11.97	33.01	14.12	33.01	PASS
n41	30	80	507204	1@215	DFT_QAM256	17.00	-3.76	11.09	33.01	13.24	33.01	PASS
n41	30	80	507204	109@54	CP_QPSK	20.62	-3.76	14.71	33.01	16.86	33.01	PASS
n41	30	80	507204	1@1	CP_QPSK	20.51	-3.76	14.60	33.01	16.75	33.01	PASS
n41	30	80	507204	1@215	CP_QPSK	19.92	-3.76	14.01	33.01	16.16	33.01	PASS
n41	30	80	507204	109@54	CP_QAM16	20.14	-3.76	14.23	33.01	16.38	33.01	PASS
n41	30	80	507204	1@1	CP_QAM16	20.07	-3.76	14.16	33.01	16.31	33.01	PASS
n41	30	80	507204	1@215	CP_QAM16	19.48	-3.76	13.57	33.01	15.72	33.01	PASS
n41	30	80	507204	109@54	CP_QAM64	18.64	-3.76	12.73	33.01	14.88	33.01	PASS
n41	30	80	507204	1@1	CP_QAM64	18.30	-3.76	12.39	33.01	14.54	33.01	PASS
n41	30	80	507204	1@215	CP_QAM64	17.77	-3.76	11.86	33.01	14.01	33.01	PASS
n41	30	80	507204	109@54	CP_QAM256	15.77	-3.76	9.86	33.01	12.01	33.01	PASS
n41	30	80	507204	1@1	CP_QAM256	16.05	-3.76	10.14	33.01	12.29	33.01	PASS
n41	30	80	507204	1@215	CP_QAM256	15.32	-3.76	9.41	33.01	11.56	33.01	PASS
n41	30	80	518598	108@54	DFT_BPSK	21.79	-3.76	15.88	33.01	18.03	33.01	PASS
n41	30	80	518598	1@1	DFT_BPSK	21.67	-3.76	15.76	33.01	17.91	33.01	PASS
n41	30	80	518598	1@215	DFT_BPSK	20.89	-3.76	14.98	33.01	17.13	33.01	PASS
n41	30	80	518598	108@54	DFT_QPSK	21.84	-3.76	15.93	33.01	18.08	33.01	PASS
n41	30	80	518598	1@1	DFT_QPSK	21.39	-3.76	15.48	33.01	17.63	33.01	PASS
n41	30	80	518598	1@215	DFT_QPSK	20.67	-3.76	14.76	33.01	16.91	33.01	PASS
n41	30	80	518598	108@54	DFT_QAM16	20.78	-3.76	14.87	33.01	17.02	33.01	PASS

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n41	30	80	518598	1@1	DFT_QAM1 6	20.59	-3.76	14.68	33.01	16.83	33.01	PASS	
n41	30	80	518598	1@215	DFT_QAM1 6	19.84	-3.76	13.93	33.01	16.08	33.01	PASS	
n41	30	80	518598	108@54	DFT_QAM6 4	19.31	-3.76	13.40	33.01	15.55	33.01	PASS	
n41	30	80	518598	1@1	DFT_QAM6 4	19.06	-3.76	13.15	33.01	15.30	33.01	PASS	
n41	30	80	518598	1@215	DFT_QAM6 4	18.37	-3.76	12.46	33.01	14.61	33.01	PASS	
n41	30	80	518598	108@54	DFT_QAM2 56	17.29	-3.76	11.38	33.01	13.53	33.01	PASS	
n41	30	80	518598	1@1	DFT_QAM2 56	17.18	-3.76	11.27	33.01	13.42	33.01	PASS	
n41	30	80	518598	1@215	DFT_QAM2 56	16.48	-3.76	10.57	33.01	12.72	33.01	PASS	
n41	30	80	518598	109@54	CP_QPSK	20.30	-3.76	14.39	33.01	16.54	33.01	PASS	
n41	30	80	518598	1@1	CP_QPSK	20.26	-3.76	14.35	33.01	16.50	33.01	PASS	
n41	30	80	518598	1@215	CP_QPSK	19.45	-3.76	13.54	33.01	15.69	33.01	PASS	
n41	30	80	518598	109@54	CP_QAM16	19.76	-3.76	13.85	33.01	16.00	33.01	PASS	
n41	30	80	518598	1@1	CP_QAM16	19.80	-3.76	13.89	33.01	16.04	33.01	PASS	
n41	30	80	518598	1@215	CP_QAM16	19.06	-3.76	13.15	33.01	15.30	33.01	PASS	
n41	30	80	518598	109@54	CP_QAM64	18.37	-3.76	12.46	33.01	14.61	33.01	PASS	
n41	30	80	518598	1@1	CP_QAM64	17.98	-3.76	12.07	33.01	14.22	33.01	PASS	
n41	30	80	518598	1@215	CP_QAM64	17.18	-3.76	11.27	33.01	13.42	33.01	PASS	
n41	30	80	518598	109@54	CP_QAM25 6	15.45	-3.76	9.54	33.01	11.69	33.01	PASS	
n41	30	80	518598	1@1	CP_QAM25 6	15.55	-3.76	9.64	33.01	11.79	33.01	PASS	
n41	30	80	518598	1@215	CP_QAM25 6	14.75	-3.76	8.84	33.01	10.99	33.01	PASS	
n41	30	80	529998	108@54	DFT_BPSK	21.52	-3.76	15.61	33.01	17.76	33.01	PASS	
n41	30	80	529998	1@1	DFT_BPSK	21.26	-3.76	15.35	33.01	17.50	33.01	PASS	
n41	30	80	529998	1@215	DFT_BPSK	21.38	-3.76	15.47	33.01	17.62	33.01	PASS	
n41	30	80	529998	108@54	DFT_QPSK	21.43	-3.76	15.52	33.01	17.67	33.01	PASS	
n41	30	80	529998	1@1	DFT_QPSK	21.16	-3.76	15.25	33.01	17.40	33.01	PASS	
n41	30	80	529998	1@215	DFT_QPSK	21.21	-3.76	15.30	33.01	17.45	33.01	PASS	
n41	30	80	529998	108@54	DFT_QAM1 6	20.51	-3.76	14.60	33.01	16.75	33.01	PASS	
n41	30	80	529998	1@1	DFT_QAM1 6	20.52	-3.76	14.61	33.01	16.76	33.01	PASS	
n41	30	80	529998	1@215	DFT_QAM1 6	20.60	-3.76	14.69	33.01	16.84	33.01	PASS	
n41	30	80	529998	108@54	DFT_QAM6 4	18.98	-3.76	13.07	33.01	15.22	33.01	PASS	

n41	30	80	529998	1@1	DFT_QAM6 4	18.53	-3.76	12.62	33.01	14.77	33.01	PASS
n41	30	80	529998	1@215	DFT_QAM6 4	18.95	-3.76	13.04	33.01	15.19	33.01	PASS
n41	30	80	529998	108@54	DFT_QAM2 56	16.88	-3.76	10.97	33.01	13.12	33.01	PASS
n41	30	80	529998	1@1	DFT_QAM2 56	16.86	-3.76	10.95	33.01	13.10	33.01	PASS
n41	30	80	529998	1@215	DFT_QAM2 56	17.10	-3.76	11.19	33.01	13.34	33.01	PASS
n41	30	80	529998	109@54	CP_QPSK	19.96	-3.76	14.05	33.01	16.20	33.01	PASS
n41	30	80	529998	1@1	CP_QPSK	19.71	-3.76	13.80	33.01	15.95	33.01	PASS
n41	30	80	529998	1@215	CP_QPSK	19.89	-3.76	13.98	33.01	16.13	33.01	PASS
n41	30	80	529998	109@54	CP_QAM16	19.43	-3.76	13.52	33.01	15.67	33.01	PASS
n41	30	80	529998	1@1	CP_QAM16	19.48	-3.76	13.57	33.01	15.72	33.01	PASS
n41	30	80	529998	1@215	CP_QAM16	19.67	-3.76	13.76	33.01	15.91	33.01	PASS
n41	30	80	529998	109@54	CP_QAM64	17.91	-3.76	12.00	33.01	14.15	33.01	PASS
n41	30	80	529998	1@1	CP_QAM64	17.45	-3.76	11.54	33.01	13.69	33.01	PASS
n41	30	80	529998	1@215	CP_QAM64	17.57	-3.76	11.66	33.01	13.81	33.01	PASS
n41	30	80	529998	109@54	CP_QAM25 6	15.14	-3.76	9.23	33.01	11.38	33.01	PASS
n41	30	80	529998	1@1	CP_QAM25 6	15.31	-3.76	9.40	33.01	11.55	33.01	PASS
n41	30	80	529998	1@215	CP_QAM25 6	15.42	-3.76	9.51	33.01	11.66	33.01	PASS
n41	30	90	508200	120@60	DFT_BPSK	22.12	-3.76	16.21	33.01	18.36	33.01	PASS
n41	30	90	508200	1@1	DFT_BPSK	21.73	-3.76	15.82	33.01	17.97	33.01	PASS
n41	30	90	508200	1@243	DFT_BPSK	21.02	-3.76	15.11	33.01	17.26	33.01	PASS
n41	30	90	508200	120@60	DFT_QPSK	22.15	-3.76	16.24	33.01	18.39	33.01	PASS
n41	30	90	508200	1@1	DFT_QPSK	21.62	-3.76	15.71	33.01	17.86	33.01	PASS
n41	30	90	508200	1@243	DFT_QPSK	20.96	-3.76	15.05	33.01	17.20	33.01	PASS
n41	30	90	508200	120@60	DFT_QAM1 6	21.12	-3.76	15.21	33.01	17.36	33.01	PASS
n41	30	90	508200	1@1	DFT_QAM1 6	20.94	-3.76	15.03	33.01	17.18	33.01	PASS
n41	30	90	508200	1@243	DFT_QAM1 6	20.24	-3.76	14.33	33.01	16.48	33.01	PASS
n41	30	90	508200	120@60	DFT_QAM6 4	19.68	-3.76	13.77	33.01	15.92	33.01	PASS
n41	30	90	508200	1@1	DFT_QAM6 4	19.34	-3.76	13.43	33.01	15.58	33.01	PASS
n41	30	90	508200	1@243	DFT_QAM6 4	18.53	-3.76	12.62	33.01	14.77	33.01	PASS
n41	30	90	508200	120@60	DFT_QAM2 56	17.51	-3.76	11.60	33.01	13.75	33.01	PASS
n41	30	90	508200	1@1	DFT_QAM2 56	17.77	-3.76	11.86	33.01	14.01	33.01	PASS

n41	30	90	508200	1@243	DFT_QAM2 56	16.73	-3.76	10.82	33.01	12.97	33.01	PASS
n41	30	90	508200	123@61	CP_QPSK	20.60	-3.76	14.69	33.01	16.84	33.01	PASS
n41	30	90	508200	1@1	CP_QPSK	20.27	-3.76	14.36	33.01	16.51	33.01	PASS
n41	30	90	508200	1@243	CP_QPSK	19.59	-3.76	13.68	33.01	15.83	33.01	PASS
n41	30	90	508200	123@61	CP_QAM16	20.03	-3.76	14.12	33.01	16.27	33.01	PASS
n41	30	90	508200	1@1	CP_QAM16	19.74	-3.76	13.83	33.01	15.98	33.01	PASS
n41	30	90	508200	1@243	CP_QAM16	19.01	-3.76	13.10	33.01	15.25	33.01	PASS
n41	30	90	508200	123@61	CP_QAM64	18.55	-3.76	12.64	33.01	14.79	33.01	PASS
n41	30	90	508200	1@1	CP_QAM64	18.12	-3.76	12.21	33.01	14.36	33.01	PASS
n41	30	90	508200	1@243	CP_QAM64	17.39	-3.76	11.48	33.01	13.63	33.01	PASS
n41	30	90	508200	123@61	CP_QAM25 6	15.65	-3.76	9.74	33.01	11.89	33.01	PASS
n41	30	90	508200	1@1	CP_QAM25 6	15.87	-3.76	9.96	33.01	12.11	33.01	PASS
n41	30	90	508200	1@243	CP_QAM25 6	15.03	-3.76	9.12	33.01	11.27	33.01	PASS
n41	30	90	518598	120@60	DFT_BPSK	21.84	-3.76	15.93	33.01	18.08	33.01	PASS
n41	30	90	518598	1@1	DFT_BPSK	21.41	-3.76	15.50	33.01	17.65	33.01	PASS
n41	30	90	518598	1@243	DFT_BPSK	20.78	-3.76	14.87	33.01	17.02	33.01	PASS
n41	30	90	518598	120@60	DFT_QPSK	21.86	-3.76	15.95	33.01	18.10	33.01	PASS
n41	30	90	518598	1@1	DFT_QPSK	21.21	-3.76	15.30	33.01	17.45	33.01	PASS
n41	30	90	518598	1@243	DFT_QPSK	20.66	-3.76	14.75	33.01	16.90	33.01	PASS
n41	30	90	518598	120@60	DFT_QAM1 6	20.75	-3.76	14.84	33.01	16.99	33.01	PASS
n41	30	90	518598	1@1	DFT_QAM1 6	20.62	-3.76	14.71	33.01	16.86	33.01	PASS
n41	30	90	518598	1@243	DFT_QAM1 6	20.06	-3.76	14.15	33.01	16.30	33.01	PASS
n41	30	90	518598	120@60	DFT_QAM6 4	19.36	-3.76	13.45	33.01	15.60	33.01	PASS
n41	30	90	518598	1@1	DFT_QAM6 4	18.76	-3.76	12.85	33.01	15.00	33.01	PASS
n41	30	90	518598	1@243	DFT_QAM6 4	18.16	-3.76	12.25	33.01	14.40	33.01	PASS
n41	30	90	518598	120@60	DFT_QAM2 56	17.18	-3.76	11.27	33.01	13.42	33.01	PASS
n41	30	90	518598	1@1	DFT_QAM2 56	16.88	-3.76	10.97	33.01	13.12	33.01	PASS
n41	30	90	518598	1@243	DFT_QAM2 56	16.50	-3.76	10.59	33.01	12.74	33.01	PASS
n41	30	90	518598	123@61	CP_QPSK	20.32	-3.76	14.41	33.01	16.56	33.01	PASS
n41	30	90	518598	1@1	CP_QPSK	20.04	-3.76	14.13	33.01	16.28	33.01	PASS
n41	30	90	518598	1@243	CP_QPSK	19.33	-3.76	13.42	33.01	15.57	33.01	PASS
n41	30	90	518598	123@61	CP_QAM16	19.76	-3.76	13.85	33.01	16.00	33.01	PASS

n41	30	90	518598	1@1	CP_QAM16	19.54	-3.76	13.63	33.01	15.78	33.01	PASS
n41	30	90	518598	1@243	CP_QAM16	18.86	-3.76	12.95	33.01	15.10	33.01	PASS
n41	30	90	518598	123@61	CP_QAM64	18.16	-3.76	12.25	33.01	14.40	33.01	PASS
n41	30	90	518598	1@1	CP_QAM64	17.83	-3.76	11.92	33.01	14.07	33.01	PASS
n41	30	90	518598	1@243	CP_QAM64	17.31	-3.76	11.40	33.01	13.55	33.01	PASS
n41	30	90	518598	123@61	CP_QAM256	15.42	-3.76	9.51	33.01	11.66	33.01	PASS
n41	30	90	518598	1@1	CP_QAM256	15.60	-3.76	9.69	33.01	11.84	33.01	PASS
n41	30	90	518598	1@243	CP_QAM256	15.02	-3.76	9.11	33.01	11.26	33.01	PASS
n41	30	90	528996	120@60	DFT_BPSK	21.47	-3.76	15.56	33.01	17.71	33.01	PASS
n41	30	90	528996	1@1	DFT_BPSK	21.25	-3.76	15.34	33.01	17.49	33.01	PASS
n41	30	90	528996	1@243	DFT_BPSK	21.25	-3.76	15.34	33.01	17.49	33.01	PASS
n41	30	90	528996	120@60	DFT_QPSK	21.49	-3.76	15.58	33.01	17.73	33.01	PASS
n41	30	90	528996	1@1	DFT_QPSK	21.14	-3.76	15.23	33.01	17.38	33.01	PASS
n41	30	90	528996	1@243	DFT_QPSK	21.06	-3.76	15.15	33.01	17.30	33.01	PASS
n41	30	90	528996	120@60	DFT_QAM16	20.52	-3.76	14.61	33.01	16.76	33.01	PASS
n41	30	90	528996	1@1	DFT_QAM16	20.33	-3.76	14.42	33.01	16.57	33.01	PASS
n41	30	90	528996	1@243	DFT_QAM16	20.35	-3.76	14.44	33.01	16.59	33.01	PASS
n41	30	90	528996	120@60	DFT_QAM64	18.97	-3.76	13.06	33.01	15.21	33.01	PASS
n41	30	90	528996	1@1	DFT_QAM64	18.79	-3.76	12.88	33.01	15.03	33.01	PASS
n41	30	90	528996	1@243	DFT_QAM64	18.81	-3.76	12.90	33.01	15.05	33.01	PASS
n41	30	90	528996	120@60	DFT_QAM256	16.88	-3.76	10.97	33.01	13.12	33.01	PASS
n41	30	90	528996	1@1	DFT_QAM256	16.93	-3.76	11.02	33.01	13.17	33.01	PASS
n41	30	90	528996	1@243	DFT_QAM256	16.94	-3.76	11.03	33.01	13.18	33.01	PASS
n41	30	90	528996	123@61	CP_QPSK	19.98	-3.76	14.07	33.01	16.22	33.01	PASS
n41	30	90	528996	1@1	CP_QPSK	19.76	-3.76	13.85	33.01	16.00	33.01	PASS
n41	30	90	528996	1@243	CP_QPSK	19.74	-3.76	13.83	33.01	15.98	33.01	PASS
n41	30	90	528996	123@61	CP_QAM16	19.42	-3.76	13.51	33.01	15.66	33.01	PASS
n41	30	90	528996	1@1	CP_QAM16	19.26	-3.76	13.35	33.01	15.50	33.01	PASS
n41	30	90	528996	1@243	CP_QAM16	19.24	-3.76	13.33	33.01	15.48	33.01	PASS
n41	30	90	528996	123@61	CP_QAM64	17.85	-3.76	11.94	33.01	14.09	33.01	PASS
n41	30	90	528996	1@1	CP_QAM64	17.60	-3.76	11.69	33.01	13.84	33.01	PASS
n41	30	90	528996	1@243	CP_QAM64	17.73	-3.76	11.82	33.01	13.97	33.01	PASS
n41	30	90	528996	123@61	CP_QAM256	15.05	-3.76	9.14	33.01	11.29	33.01	PASS

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n41	30	90	528996	1@1	CP_QAM25 6	15.30	-3.76	9.39	33.01	11.54	33.01	PASS	
n41	30	90	528996	1@243	CP_QAM25 6	15.38	-3.76	9.47	33.01	11.62	33.01	PASS	
n41	30	100	509202	135@67	DFT_BPSK	22.07	-3.76	16.16	33.01	18.31	33.01	PASS	
n41	30	100	509202	1@1	DFT_BPSK	21.68	-3.76	15.77	33.01	17.92	33.01	PASS	
n41	30	100	509202	1@271	DFT_BPSK	20.98	-3.76	15.07	33.01	17.22	33.01	PASS	
n41	30	100	509202	135@67	DFT_QPSK	22.06	-3.76	16.15	33.01	18.30	33.01	PASS	
n41	30	100	509202	1@1	DFT_QPSK	21.52	-3.76	15.61	33.01	17.76	33.01	PASS	
n41	30	100	509202	1@271	DFT_QPSK	20.73	-3.76	14.82	33.01	16.97	33.01	PASS	
n41	30	100	509202	135@67	DFT_QAM1 6	21.06	-3.76	15.15	33.01	17.30	33.01	PASS	
n41	30	100	509202	1@1	DFT_QAM1 6	20.58	-3.76	14.67	33.01	16.82	33.01	PASS	
n41	30	100	509202	1@271	DFT_QAM1 6	19.93	-3.76	14.02	33.01	16.17	33.01	PASS	
n41	30	100	509202	135@67	DFT_QAM6 4	19.55	-3.76	13.64	33.01	15.79	33.01	PASS	
n41	30	100	509202	1@1	DFT_QAM6 4	19.18	-3.76	13.27	33.01	15.42	33.01	PASS	
n41	30	100	509202	1@271	DFT_QAM6 4	18.38	-3.76	12.47	33.01	14.62	33.01	PASS	
n41	30	100	509202	135@67	DFT_QAM2 56	17.58	-3.76	11.67	33.01	13.82	33.01	PASS	
n41	30	100	509202	1@1	DFT_QAM2 56	17.58	-3.76	11.67	33.01	13.82	33.01	PASS	
n41	30	100	509202	1@271	DFT_QAM2 56	16.43	-3.76	10.52	33.01	12.67	33.01	PASS	
n41	30	100	509202	137@68	CP_QPSK	20.51	-3.76	14.60	33.01	16.75	33.01	PASS	
n41	30	100	509202	1@1	CP_QPSK	19.93	-3.76	14.02	33.01	16.17	33.01	PASS	
n41	30	100	509202	1@271	CP_QPSK	19.27	-3.76	13.36	33.01	15.51	33.01	PASS	
n41	30	100	509202	137@68	CP_QAM16	20.02	-3.76	14.11	33.01	16.26	33.01	PASS	
n41	30	100	509202	1@1	CP_QAM16	19.70	-3.76	13.79	33.01	15.94	33.01	PASS	
n41	30	100	509202	1@271	CP_QAM16	19.03	-3.76	13.12	33.01	15.27	33.01	PASS	
n41	30	100	509202	137@68	CP_QAM64	18.60	-3.76	12.69	33.01	14.84	33.01	PASS	
n41	30	100	509202	1@1	CP_QAM64	18.11	-3.76	12.20	33.01	14.35	33.01	PASS	
n41	30	100	509202	1@271	CP_QAM64	17.47	-3.76	11.56	33.01	13.71	33.01	PASS	
n41	30	100	509202	137@68	CP_QAM25 6	15.76	-3.76	9.85	33.01	12.00	33.01	PASS	
n41	30	100	509202	1@1	CP_QAM25 6	15.75	-3.76	9.84	33.01	11.99	33.01	PASS	
n41	30	100	509202	1@271	CP_QAM25 6	14.85	-3.76	8.94	33.01	11.09	33.01	PASS	
n41	30	100	518598	135@67	DFT_BPSK	21.75	-3.76	15.84	33.01	17.99	33.01	PASS	
n41	30	100	518598	1@1	DFT_BPSK	21.26	-3.76	15.35	33.01	17.50	33.01	PASS	

n41	30	100	518598	1@271	DFT_BPSK	20.64	-3.76	14.73	33.01	16.88	33.01	PASS
n41	30	100	518598	135@67	DFT_QPSK	21.77	-3.76	15.86	33.01	18.01	33.01	PASS
n41	30	100	518598	1@1	DFT_QPSK	21.03	-3.76	15.12	33.01	17.27	33.01	PASS
n41	30	100	518598	1@271	DFT_QPSK	20.62	-3.76	14.71	33.01	16.86	33.01	PASS
n41	30	100	518598	135@67	DFT_QAM1 6	20.78	-3.76	14.87	33.01	17.02	33.01	PASS
n41	30	100	518598	1@1	DFT_QAM1 6	20.32	-3.76	14.41	33.01	16.56	33.01	PASS
n41	30	100	518598	1@271	DFT_QAM1 6	19.87	-3.76	13.96	33.01	16.11	33.01	PASS
n41	30	100	518598	135@67	DFT_QAM6 4	19.25	-3.76	13.34	33.01	15.49	33.01	PASS
n41	30	100	518598	1@1	DFT_QAM6 4	18.59	-3.76	12.68	33.01	14.83	33.01	PASS
n41	30	100	518598	1@271	DFT_QAM6 4	18.10	-3.76	12.19	33.01	14.34	33.01	PASS
n41	30	100	518598	135@67	DFT_QAM2 56	17.29	-3.76	11.38	33.01	13.53	33.01	PASS
n41	30	100	518598	1@1	DFT_QAM2 56	16.78	-3.76	10.87	33.01	13.02	33.01	PASS
n41	30	100	518598	1@271	DFT_QAM2 56	16.41	-3.76	10.50	33.01	12.65	33.01	PASS
n41	30	100	518598	137@68	CP_QPSK	20.24	-3.76	14.33	33.01	16.48	33.01	PASS
n41	30	100	518598	1@1	CP_QPSK	19.76	-3.76	13.85	33.01	16.00	33.01	PASS
n41	30	100	518598	1@271	CP_QPSK	19.23	-3.76	13.32	33.01	15.47	33.01	PASS
n41	30	100	518598	137@68	CP_QAM16	19.73	-3.76	13.82	33.01	15.97	33.01	PASS
n41	30	100	518598	1@1	CP_QAM16	19.45	-3.76	13.54	33.01	15.69	33.01	PASS
n41	30	100	518598	1@271	CP_QAM16	19.00	-3.76	13.09	33.01	15.24	33.01	PASS
n41	30	100	518598	137@68	CP_QAM64	18.26	-3.76	12.35	33.01	14.50	33.01	PASS
n41	30	100	518598	1@1	CP_QAM64	17.64	-3.76	11.73	33.01	13.88	33.01	PASS
n41	30	100	518598	1@271	CP_QAM64	17.06	-3.76	11.15	33.01	13.30	33.01	PASS
n41	30	100	518598	137@68	CP_QAM25 6	15.39	-3.76	9.48	33.01	11.63	33.01	PASS
n41	30	100	518598	1@1	CP_QAM25 6	15.38	-3.76	9.47	33.01	11.62	33.01	PASS
n41	30	100	518598	1@271	CP_QAM25 6	14.92	-3.76	9.01	33.01	11.16	33.01	PASS
n41	30	100	528000	135@67	DFT_BPSK	21.53	-3.76	15.62	33.01	17.77	33.01	PASS
n41	30	100	528000	1@1	DFT_BPSK	20.90	-3.76	14.99	33.01	17.14	33.01	PASS
n41	30	100	528000	1@271	DFT_BPSK	21.06	-3.76	15.15	33.01	17.30	33.01	PASS
n41	30	100	528000	135@67	DFT_QPSK	21.57	-3.76	15.66	33.01	17.81	33.01	PASS
n41	30	100	528000	1@1	DFT_QPSK	20.72	-3.76	14.81	33.01	16.96	33.01	PASS
n41	30	100	528000	1@271	DFT_QPSK	20.87	-3.76	14.96	33.01	17.11	33.01	PASS
n41	30	100	528000	135@67	DFT_QAM1 6	20.55	-3.76	14.64	33.01	16.79	33.01	PASS



n41	30	100	528000	1@1	DFT_QAM1 6	19.96	-3.76	14.05	33.01	16.20	33.01	PASS
n41	30	100	528000	1@271	DFT_QAM1 6	20.23	-3.76	14.32	33.01	16.47	33.01	PASS
n41	30	100	528000	135@67	DFT_QAM6 4	19.00	-3.76	13.09	33.01	15.24	33.01	PASS
n41	30	100	528000	1@1	DFT_QAM6 4	18.24	-3.76	12.33	33.01	14.48	33.01	PASS
n41	30	100	528000	1@271	DFT_QAM6 4	18.42	-3.76	12.51	33.01	14.66	33.01	PASS
n41	30	100	528000	135@67	DFT_QAM2 56	17.00	-3.76	11.09	33.01	13.24	33.01	PASS
n41	30	100	528000	1@1	DFT_QAM2 56	16.41	-3.76	10.50	33.01	12.65	33.01	PASS
n41	30	100	528000	1@271	DFT_QAM2 56	16.61	-3.76	10.70	33.01	12.85	33.01	PASS
n41	30	100	528000	137@68	CP_QPSK	20.03	-3.76	14.12	33.01	16.27	33.01	PASS
n41	30	100	528000	1@1	CP_QPSK	19.47	-3.76	13.56	33.01	15.71	33.01	PASS
n41	30	100	528000	1@271	CP_QPSK	19.56	-3.76	13.65	33.01	15.80	33.01	PASS
n41	30	100	528000	137@68	CP_QAM16	19.45	-3.76	13.54	33.01	15.69	33.01	PASS
n41	30	100	528000	1@1	CP_QAM16	18.90	-3.76	12.99	33.01	15.14	33.01	PASS
n41	30	100	528000	1@271	CP_QAM16	19.36	-3.76	13.45	33.01	15.60	33.01	PASS
n41	30	100	528000	137@68	CP_QAM64	18.00	-3.76	12.09	33.01	14.24	33.01	PASS
n41	30	100	528000	1@1	CP_QAM64	17.10	-3.76	11.19	33.01	13.34	33.01	PASS
n41	30	100	528000	1@271	CP_QAM64	17.33	-3.76	11.42	33.01	13.57	33.01	PASS
n41	30	100	528000	137@68	CP_QAM25 6	15.11	-3.76	9.20	33.01	11.35	33.01	PASS
n41	30	100	528000	1@1	CP_QAM25 6	15.07	-3.76	9.16	33.01	11.31	33.01	PASS
n41	30	100	528000	1@271	CP_QAM25 6	15.33	-3.76	9.42	33.01	11.57	33.01	PASS

Appendix 5G NR -n66 - SCS 30KHz

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n66	30	10	343000	12@6	DFT_BPSK	22.65	-4.38	16.12	30	18.27	30	PASS
n66	30	10	343000	1@1	DFT_BPSK	22.66	-4.38	16.13	30	18.28	30	PASS
n66	30	10	343000	1@22	DFT_BPSK	22.63	-4.38	16.10	30	18.25	30	PASS
n66	30	10	343000	12@6	DFT_QPSK	22.66	-4.38	16.13	30	18.28	30	PASS
n66	30	10	343000	1@1	DFT_QPSK	22.56	-4.38	16.03	30	18.18	30	PASS
n66	30	10	343000	1@22	DFT_QPSK	22.47	-4.38	15.94	30	18.09	30	PASS
n66	30	10	343000	12@6	DFT_QAM16	21.67	-4.38	15.14	30	17.29	30	PASS
n66	30	10	343000	1@1	DFT_QAM16	21.82	-4.38	15.29	30	17.44	30	PASS
n66	30	10	343000	1@22	DFT_QAM16	21.85	-4.38	15.32	30	17.47	30	PASS
n66	30	10	343000	12@6	DFT_QAM64	20.37	-4.38	13.84	30	15.99	30	PASS
n66	30	10	343000	1@1	DFT_QAM64	20.15	-4.38	13.62	30	15.77	30	PASS
n66	30	10	343000	1@22	DFT_QAM64	20.50	-4.38	13.97	30	16.12	30	PASS
n66	30	10	343000	12@6	DFT_QAM256	18.37	-4.38	11.84	30	13.99	30	PASS
n66	30	10	343000	1@1	DFT_QAM256	18.46	-4.38	11.93	30	14.08	30	PASS
n66	30	10	343000	1@22	DFT_QAM256	18.47	-4.38	11.94	30	14.09	30	PASS
n66	30	10	343000	12@6	CP_QPSK	21.26	-4.38	14.73	30	16.88	30	PASS
n66	30	10	343000	1@1	CP_QPSK	21.10	-4.38	14.57	30	16.72	30	PASS
n66	30	10	343000	1@22	CP_QPSK	21.10	-4.38	14.57	30	16.72	30	PASS
n66	30	10	343000	12@6	CP_QAM16	20.91	-4.38	14.38	30	16.53	30	PASS
n66	30	10	343000	1@1	CP_QAM16	20.89	-4.38	14.36	30	16.51	30	PASS
n66	30	10	343000	1@22	CP_QAM16	20.89	-4.38	14.36	30	16.51	30	PASS
n66	30	10	343000	12@6	CP_QAM64	19.17	-4.38	12.64	30	14.79	30	PASS
n66	30	10	343000	1@1	CP_QAM64	19.16	-4.38	12.63	30	14.78	30	PASS
n66	30	10	343000	1@22	CP_QAM64	19.36	-4.38	12.83	30	14.98	30	PASS
n66	30	10	343000	12@6	CP_QAM256	16.19	-4.38	9.66	30	11.81	30	PASS
n66	30	10	343000	1@1	CP_QAM256	16.59	-4.38	10.06	30	12.21	30	PASS
n66	30	10	343000	1@22	CP_QAM256	16.66	-4.38	10.13	30	12.28	30	PASS

n66	30	10	349000	12@6	DFT_BPSK	22.33	-4.38	15.80	30	17.95	30	PASS
n66	30	10	349000	1@1	DFT_BPSK	22.33	-4.38	15.80	30	17.95	30	PASS
n66	30	10	349000	1@22	DFT_BPSK	22.21	-4.38	15.68	30	17.83	30	PASS
n66	30	10	349000	12@6	DFT_QPSK	22.36	-4.38	15.83	30	17.98	30	PASS
n66	30	10	349000	1@1	DFT_QPSK	22.28	-4.38	15.75	30	17.90	30	PASS
n66	30	10	349000	1@22	DFT_QPSK	22.10	-4.38	15.57	30	17.72	30	PASS
n66	30	10	349000	12@6	DFT_QAM1 6	21.39	-4.38	14.86	30	17.01	30	PASS
n66	30	10	349000	1@1	DFT_QAM1 6	21.65	-4.38	15.12	30	17.27	30	PASS
n66	30	10	349000	1@22	DFT_QAM1 6	21.47	-4.38	14.94	30	17.09	30	PASS
n66	30	10	349000	12@6	DFT_QAM6 4	20.04	-4.38	13.51	30	15.66	30	PASS
n66	30	10	349000	1@1	DFT_QAM6 4	20.00	-4.38	13.47	30	15.62	30	PASS
n66	30	10	349000	1@22	DFT_QAM6 4	19.78	-4.38	13.25	30	15.40	30	PASS
n66	30	10	349000	12@6	DFT_QAM2 56	18.08	-4.38	11.55	30	13.70	30	PASS
n66	30	10	349000	1@1	DFT_QAM2 56	18.33	-4.38	11.80	30	13.95	30	PASS
n66	30	10	349000	1@22	DFT_QAM2 56	18.13	-4.38	11.60	30	13.75	30	PASS
n66	30	10	349000	12@6	CP_QPSK	20.79	-4.38	14.26	30	16.41	30	PASS
n66	30	10	349000	1@1	CP_QPSK	20.86	-4.38	14.33	30	16.48	30	PASS
n66	30	10	349000	1@22	CP_QPSK	20.51	-4.38	13.98	30	16.13	30	PASS
n66	30	10	349000	12@6	CP_QAM16	20.54	-4.38	14.01	30	16.16	30	PASS
n66	30	10	349000	1@1	CP_QAM16	20.41	-4.38	13.88	30	16.03	30	PASS
n66	30	10	349000	1@22	CP_QAM16	20.56	-4.38	14.03	30	16.18	30	PASS
n66	30	10	349000	12@6	CP_QAM64	18.91	-4.38	12.38	30	14.53	30	PASS
n66	30	10	349000	1@1	CP_QAM64	18.90	-4.38	12.37	30	14.52	30	PASS
n66	30	10	349000	1@22	CP_QAM64	18.87	-4.38	12.34	30	14.49	30	PASS
n66	30	10	349000	12@6	CP_QAM25 6	15.91	-4.38	9.38	30	11.53	30	PASS
n66	30	10	349000	1@1	CP_QAM25 6	16.31	-4.38	9.78	30	11.93	30	PASS
n66	30	10	349000	1@22	CP_QAM25 6	16.17	-4.38	9.64	30	11.79	30	PASS
n66	30	10	355000	12@6	DFT_BPSK	22.37	-4.38	15.84	30	17.99	30	PASS
n66	30	10	355000	1@1	DFT_BPSK	22.36	-4.38	15.83	30	17.98	30	PASS
n66	30	10	355000	1@22	DFT_BPSK	22.33	-4.38	15.80	30	17.95	30	PASS
n66	30	10	355000	12@6	DFT_QPSK	22.44	-4.38	15.91	30	18.06	30	PASS
n66	30	10	355000	1@1	DFT_QPSK	22.25	-4.38	15.72	30	17.87	30	PASS
n66	30	10	355000	1@22	DFT_QPSK	22.09	-4.38	15.56	30	17.71	30	PASS

n66	30	10	355000	12@6	DFT_QAM1 6	21.43	-4.38	14.90	30	17.05	30	PASS
n66	30	10	355000	1@1	DFT_QAM1 6	21.55	-4.38	15.02	30	17.17	30	PASS
n66	30	10	355000	1@22	DFT_QAM1 6	21.50	-4.38	14.97	30	17.12	30	PASS
n66	30	10	355000	12@6	DFT_QAM6 4	20.09	-4.38	13.56	30	15.71	30	PASS
n66	30	10	355000	1@1	DFT_QAM6 4	19.94	-4.38	13.41	30	15.56	30	PASS
n66	30	10	355000	1@22	DFT_QAM6 4	19.97	-4.38	13.44	30	15.59	30	PASS
n66	30	10	355000	12@6	DFT_QAM2 56	18.07	-4.38	11.54	30	13.69	30	PASS
n66	30	10	355000	1@1	DFT_QAM2 56	18.23	-4.38	11.70	30	13.85	30	PASS
n66	30	10	355000	1@22	DFT_QAM2 56	18.19	-4.38	11.66	30	13.81	30	PASS
n66	30	10	355000	12@6	CP_QPSK	20.87	-4.38	14.34	30	16.49	30	PASS
n66	30	10	355000	1@1	CP_QPSK	20.82	-4.38	14.29	30	16.44	30	PASS
n66	30	10	355000	1@22	CP_QPSK	20.56	-4.38	14.03	30	16.18	30	PASS
n66	30	10	355000	12@6	CP_QAM16	20.50	-4.38	13.97	30	16.12	30	PASS
n66	30	10	355000	1@1	CP_QAM16	20.72	-4.38	14.19	30	16.34	30	PASS
n66	30	10	355000	1@22	CP_QAM16	20.38	-4.38	13.85	30	16.00	30	PASS
n66	30	10	355000	12@6	CP_QAM64	18.92	-4.38	12.39	30	14.54	30	PASS
n66	30	10	355000	1@1	CP_QAM64	18.69	-4.38	12.16	30	14.31	30	PASS
n66	30	10	355000	1@22	CP_QAM64	18.74	-4.38	12.21	30	14.36	30	PASS
n66	30	10	355000	12@6	CP_QAM25 6	15.92	-4.38	9.39	30	11.54	30	PASS
n66	30	10	355000	1@1	CP_QAM25 6	16.21	-4.38	9.68	30	11.83	30	PASS
n66	30	10	355000	1@22	CP_QAM25 6	16.49	-4.38	9.96	30	12.11	30	PASS
n66	30	15	343500	18@9	DFT_BPSK	22.52	-4.38	15.99	30	18.14	30	PASS
n66	30	15	343500	1@1	DFT_BPSK	22.49	-4.38	15.96	30	18.11	30	PASS
n66	30	15	343500	1@36	DFT_BPSK	22.59	-4.38	16.06	30	18.21	30	PASS
n66	30	15	343500	18@9	DFT_QPSK	22.56	-4.38	16.03	30	18.18	30	PASS
n66	30	15	343500	1@1	DFT_QPSK	22.35	-4.38	15.82	30	17.97	30	PASS
n66	30	15	343500	1@36	DFT_QPSK	22.41	-4.38	15.88	30	18.03	30	PASS
n66	30	15	343500	18@9	DFT_QAM1 6	21.64	-4.38	15.11	30	17.26	30	PASS
n66	30	15	343500	1@1	DFT_QAM1 6	21.68	-4.38	15.15	30	17.30	30	PASS
n66	30	15	343500	1@36	DFT_QAM1 6	21.79	-4.38	15.26	30	17.41	30	PASS
n66	30	15	343500	18@9	DFT_QAM6 4	20.31	-4.38	13.78	30	15.93	30	PASS

n66	30	15	343500	1@1	DFT_QAM6 4	20.12	-4.38	13.59	30	15.74	30	PASS
n66	30	15	343500	1@36	DFT_QAM6 4	20.26	-4.38	13.73	30	15.88	30	PASS
n66	30	15	343500	18@9	DFT_QAM2 56	18.24	-4.38	11.71	30	13.86	30	PASS
n66	30	15	343500	1@1	DFT_QAM2 56	18.49	-4.38	11.96	30	14.11	30	PASS
n66	30	15	343500	1@36	DFT_QAM2 56	18.51	-4.38	11.98	30	14.13	30	PASS
n66	30	15	343500	19@9	CP_QPSK	21.22	-4.38	14.69	30	16.84	30	PASS
n66	30	15	343500	1@1	CP_QPSK	21.06	-4.38	14.53	30	16.68	30	PASS
n66	30	15	343500	1@36	CP_QPSK	21.07	-4.38	14.54	30	16.69	30	PASS
n66	30	15	343500	19@9	CP_QAM16	20.74	-4.38	14.21	30	16.36	30	PASS
n66	30	15	343500	1@1	CP_QAM16	20.67	-4.38	14.14	30	16.29	30	PASS
n66	30	15	343500	1@36	CP_QAM16	20.71	-4.38	14.18	30	16.33	30	PASS
n66	30	15	343500	19@9	CP_QAM64	19.26	-4.38	12.73	30	14.88	30	PASS
n66	30	15	343500	1@1	CP_QAM64	19.13	-4.38	12.60	30	14.75	30	PASS
n66	30	15	343500	1@36	CP_QAM64	18.94	-4.38	12.41	30	14.56	30	PASS
n66	30	15	343500	19@9	CP_QAM25 6	16.18	-4.38	9.65	30	11.80	30	PASS
n66	30	15	343500	1@1	CP_QAM25 6	16.81	-4.38	10.28	30	12.43	30	PASS
n66	30	15	343500	1@36	CP_QAM25 6	16.74	-4.38	10.21	30	12.36	30	PASS
n66	30	15	349000	18@9	DFT_BPSK	22.34	-4.38	15.81	30	17.96	30	PASS
n66	30	15	349000	1@1	DFT_BPSK	22.38	-4.38	15.85	30	18.00	30	PASS
n66	30	15	349000	1@36	DFT_BPSK	22.06	-4.38	15.53	30	17.68	30	PASS
n66	30	15	349000	18@9	DFT_QPSK	22.35	-4.38	15.82	30	17.97	30	PASS
n66	30	15	349000	1@1	DFT_QPSK	22.17	-4.38	15.64	30	17.79	30	PASS
n66	30	15	349000	1@36	DFT_QPSK	22.03	-4.38	15.50	30	17.65	30	PASS
n66	30	15	349000	18@9	DFT_QAM1 6	21.36	-4.38	14.83	30	16.98	30	PASS
n66	30	15	349000	1@1	DFT_QAM1 6	21.52	-4.38	14.99	30	17.14	30	PASS
n66	30	15	349000	1@36	DFT_QAM1 6	21.34	-4.38	14.81	30	16.96	30	PASS
n66	30	15	349000	18@9	DFT_QAM6 4	20.02	-4.38	13.49	30	15.64	30	PASS
n66	30	15	349000	1@1	DFT_QAM6 4	20.06	-4.38	13.53	30	15.68	30	PASS
n66	30	15	349000	1@36	DFT_QAM6 4	19.77	-4.38	13.24	30	15.39	30	PASS
n66	30	15	349000	18@9	DFT_QAM2 56	17.86	-4.38	11.33	30	13.48	30	PASS
n66	30	15	349000	1@1	DFT_QAM2 56	18.22	-4.38	11.69	30	13.84	30	PASS

n66	30	15	349000	1@36	DFT_QAM256	18.10	-4.38	11.57	30	13.72	30	PASS
n66	30	15	349000	19@9	CP_QPSK	20.81	-4.38	14.28	30	16.43	30	PASS
n66	30	15	349000	1@1	CP_QPSK	20.91	-4.38	14.38	30	16.53	30	PASS
n66	30	15	349000	1@36	CP_QPSK	20.61	-4.38	14.08	30	16.23	30	PASS
n66	30	15	349000	19@9	CP_QAM16	20.44	-4.38	13.91	30	16.06	30	PASS
n66	30	15	349000	1@1	CP_QAM16	20.79	-4.38	14.26	30	16.41	30	PASS
n66	30	15	349000	1@36	CP_QAM16	20.53	-4.38	14.00	30	16.15	30	PASS
n66	30	15	349000	19@9	CP_QAM64	19.02	-4.38	12.49	30	14.64	30	PASS
n66	30	15	349000	1@1	CP_QAM64	19.10	-4.38	12.57	30	14.72	30	PASS
n66	30	15	349000	1@36	CP_QAM64	18.85	-4.38	12.32	30	14.47	30	PASS
n66	30	15	349000	19@9	CP_QAM256	15.85	-4.38	9.32	30	11.47	30	PASS
n66	30	15	349000	1@1	CP_QAM256	16.41	-4.38	9.88	30	12.03	30	PASS
n66	30	15	349000	1@36	CP_QAM256	16.17	-4.38	9.64	30	11.79	30	PASS
n66	30	15	354500	18@9	DFT_BPSK	22.34	-4.38	15.81	30	17.96	30	PASS
n66	30	15	354500	1@1	DFT_BPSK	22.23	-4.38	15.70	30	17.85	30	PASS
n66	30	15	354500	1@36	DFT_BPSK	22.29	-4.38	15.76	30	17.91	30	PASS
n66	30	15	354500	18@9	DFT_QPSK	22.37	-4.38	15.84	30	17.99	30	PASS
n66	30	15	354500	1@1	DFT_QPSK	22.14	-4.38	15.61	30	17.76	30	PASS
n66	30	15	354500	1@36	DFT_QPSK	22.13	-4.38	15.60	30	17.75	30	PASS
n66	30	15	354500	18@9	DFT_QAM16	21.35	-4.38	14.82	30	16.97	30	PASS
n66	30	15	354500	1@1	DFT_QAM16	21.30	-4.38	14.77	30	16.92	30	PASS
n66	30	15	354500	1@36	DFT_QAM16	21.18	-4.38	14.65	30	16.80	30	PASS
n66	30	15	354500	18@9	DFT_QAM64	20.04	-4.38	13.51	30	15.66	30	PASS
n66	30	15	354500	1@1	DFT_QAM64	19.81	-4.38	13.28	30	15.43	30	PASS
n66	30	15	354500	1@36	DFT_QAM64	19.79	-4.38	13.26	30	15.41	30	PASS
n66	30	15	354500	18@9	DFT_QAM256	17.95	-4.38	11.42	30	13.57	30	PASS
n66	30	15	354500	1@1	DFT_QAM256	17.94	-4.38	11.41	30	13.56	30	PASS
n66	30	15	354500	1@36	DFT_QAM256	17.95	-4.38	11.42	30	13.57	30	PASS
n66	30	15	354500	19@9	CP_QPSK	20.79	-4.38	14.26	30	16.41	30	PASS
n66	30	15	354500	1@1	CP_QPSK	20.60	-4.38	14.07	30	16.22	30	PASS
n66	30	15	354500	1@36	CP_QPSK	20.43	-4.38	13.90	30	16.05	30	PASS
n66	30	15	354500	19@9	CP_QAM16	20.41	-4.38	13.88	30	16.03	30	PASS

n66	30	15	354500	1@1	CP_QAM16	20.59	-4.38	14.06	30	16.21	30	PASS
n66	30	15	354500	1@36	CP_QAM16	20.55	-4.38	14.02	30	16.17	30	PASS
n66	30	15	354500	19@9	CP_QAM64	19.04	-4.38	12.51	30	14.66	30	PASS
n66	30	15	354500	1@1	CP_QAM64	18.95	-4.38	12.42	30	14.57	30	PASS
n66	30	15	354500	1@36	CP_QAM64	19.01	-4.38	12.48	30	14.63	30	PASS
n66	30	15	354500	19@9	CP_QAM256	15.92	-4.38	9.39	30	11.54	30	PASS
n66	30	15	354500	1@1	CP_QAM256	16.12	-4.38	9.59	30	11.74	30	PASS
n66	30	15	354500	1@36	CP_QAM256	16.18	-4.38	9.65	30	11.80	30	PASS
n66	30	20	344000	25@12	DFT_BPSK	22.61	-4.38	16.08	30	18.23	30	PASS
n66	30	20	344000	1@1	DFT_BPSK	22.48	-4.38	15.95	30	18.10	30	PASS
n66	30	20	344000	1@49	DFT_BPSK	22.49	-4.38	15.96	30	18.11	30	PASS
n66	30	20	344000	25@12	DFT_QPSK	22.59	-4.38	16.06	30	18.21	30	PASS
n66	30	20	344000	1@1	DFT_QPSK	22.34	-4.38	15.81	30	17.96	30	PASS
n66	30	20	344000	1@49	DFT_QPSK	22.36	-4.38	15.83	30	17.98	30	PASS
n66	30	20	344000	25@12	DFT_QAM16	21.71	-4.38	15.18	30	17.33	30	PASS
n66	30	20	344000	1@1	DFT_QAM16	21.78	-4.38	15.25	30	17.40	30	PASS
n66	30	20	344000	1@49	DFT_QAM16	21.67	-4.38	15.14	30	17.29	30	PASS
n66	30	20	344000	25@12	DFT_QAM64	20.30	-4.38	13.77	30	15.92	30	PASS
n66	30	20	344000	1@1	DFT_QAM64	20.35	-4.38	13.82	30	15.97	30	PASS
n66	30	20	344000	1@49	DFT_QAM64	20.08	-4.38	13.55	30	15.70	30	PASS
n66	30	20	344000	25@12	DFT_QAM256	18.13	-4.38	11.60	30	13.75	30	PASS
n66	30	20	344000	1@1	DFT_QAM256	18.38	-4.38	11.85	30	14.00	30	PASS
n66	30	20	344000	1@49	DFT_QAM256	18.36	-4.38	11.83	30	13.98	30	PASS
n66	30	20	344000	25@12	CP_QPSK	21.22	-4.38	14.69	30	16.84	30	PASS
n66	30	20	344000	1@1	CP_QPSK	21.02	-4.38	14.49	30	16.64	30	PASS
n66	30	20	344000	1@49	CP_QPSK	20.80	-4.38	14.27	30	16.42	30	PASS
n66	30	20	344000	25@12	CP_QAM16	20.80	-4.38	14.27	30	16.42	30	PASS
n66	30	20	344000	1@1	CP_QAM16	20.77	-4.38	14.24	30	16.39	30	PASS
n66	30	20	344000	1@49	CP_QAM16	20.65	-4.38	14.12	30	16.27	30	PASS
n66	30	20	344000	25@12	CP_QAM64	19.26	-4.38	12.73	30	14.88	30	PASS
n66	30	20	344000	1@1	CP_QAM64	19.27	-4.38	12.74	30	14.89	30	PASS
n66	30	20	344000	1@49	CP_QAM64	19.10	-4.38	12.57	30	14.72	30	PASS
n66	30	20	344000	25@12	CP_QAM256	16.18	-4.38	9.65	30	11.80	30	PASS

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n66	30	20	344000	1@1	CP_QAM25 6	16.60	-4.38	10.07	30	12.22	30	PASS
n66	30	20	344000	1@49	CP_QAM25 6	16.50	-4.38	9.97	30	12.12	30	PASS
n66	30	20	349000	25@12	DFT_BPSK	22.29	-4.38	15.76	30	17.91	30	PASS
n66	30	20	349000	1@1	DFT_BPSK	22.36	-4.38	15.83	30	17.98	30	PASS
n66	30	20	349000	1@49	DFT_BPSK	22.14	-4.38	15.61	30	17.76	30	PASS
n66	30	20	349000	25@12	DFT_QPSK	22.38	-4.38	15.85	30	18.00	30	PASS
n66	30	20	349000	1@1	DFT_QPSK	22.23	-4.38	15.70	30	17.85	30	PASS
n66	30	20	349000	1@49	DFT_QPSK	21.94	-4.38	15.41	30	17.56	30	PASS
n66	30	20	349000	25@12	DFT_QAM1 6	21.33	-4.38	14.80	30	16.95	30	PASS
n66	30	20	349000	1@1	DFT_QAM1 6	21.58	-4.38	15.05	30	17.20	30	PASS
n66	30	20	349000	1@49	DFT_QAM1 6	21.31	-4.38	14.78	30	16.93	30	PASS
n66	30	20	349000	25@12	DFT_QAM6 4	20.03	-4.38	13.50	30	15.65	30	PASS
n66	30	20	349000	1@1	DFT_QAM6 4	19.93	-4.38	13.40	30	15.55	30	PASS
n66	30	20	349000	1@49	DFT_QAM6 4	20.03	-4.38	13.50	30	15.65	30	PASS
n66	30	20	349000	25@12	DFT_QAM2 56	17.88	-4.38	11.35	30	13.50	30	PASS
n66	30	20	349000	1@1	DFT_QAM2 56	18.29	-4.38	11.76	30	13.91	30	PASS
n66	30	20	349000	1@49	DFT_QAM2 56	17.95	-4.38	11.42	30	13.57	30	PASS
n66	30	20	349000	25@12	CP_QPSK	20.77	-4.38	14.24	30	16.39	30	PASS
n66	30	20	349000	1@1	CP_QPSK	20.74	-4.38	14.21	30	16.36	30	PASS
n66	30	20	349000	1@49	CP_QPSK	20.49	-4.38	13.96	30	16.11	30	PASS
n66	30	20	349000	25@12	CP_QAM16	20.53	-4.38	14.00	30	16.15	30	PASS
n66	30	20	349000	1@1	CP_QAM16	20.52	-4.38	13.99	30	16.14	30	PASS
n66	30	20	349000	1@49	CP_QAM16	20.40	-4.38	13.87	30	16.02	30	PASS
n66	30	20	349000	25@12	CP_QAM64	18.94	-4.38	12.41	30	14.56	30	PASS
n66	30	20	349000	1@1	CP_QAM64	19.12	-4.38	12.59	30	14.74	30	PASS
n66	30	20	349000	1@49	CP_QAM64	18.62	-4.38	12.09	30	14.24	30	PASS
n66	30	20	349000	25@12	CP_QAM25 6	15.91	-4.38	9.38	30	11.53	30	PASS
n66	30	20	349000	1@1	CP_QAM25 6	16.41	-4.38	9.88	30	12.03	30	PASS
n66	30	20	349000	1@49	CP_QAM25 6	16.04	-4.38	9.51	30	11.66	30	PASS
n66	30	20	354000	25@12	DFT_BPSK	22.38	-4.38	15.85	30	18.00	30	PASS
n66	30	20	354000	1@1	DFT_BPSK	22.26	-4.38	15.73	30	17.88	30	PASS



n66	30	20	354000	1@49	DFT_BPSK	22.12	-4.38	15.59	30	17.74	30	PASS
n66	30	20	354000	25@12	DFT_QPSK	22.44	-4.38	15.91	30	18.06	30	PASS
n66	30	20	354000	1@1	DFT_QPSK	22.03	-4.38	15.50	30	17.65	30	PASS
n66	30	20	354000	1@49	DFT_QPSK	21.95	-4.38	15.42	30	17.57	30	PASS
n66	30	20	354000	25@12	DFT_QAM16	21.45	-4.38	14.92	30	17.07	30	PASS
n66	30	20	354000	1@1	DFT_QAM16	21.35	-4.38	14.82	30	16.97	30	PASS
n66	30	20	354000	1@49	DFT_QAM16	21.27	-4.38	14.74	30	16.89	30	PASS
n66	30	20	354000	25@12	DFT_QAM64	20.07	-4.38	13.54	30	15.69	30	PASS
n66	30	20	354000	1@1	DFT_QAM64	19.75	-4.38	13.22	30	15.37	30	PASS
n66	30	20	354000	1@49	DFT_QAM64	19.78	-4.38	13.25	30	15.40	30	PASS
n66	30	20	354000	25@12	DFT_QAM256	17.99	-4.38	11.46	30	13.61	30	PASS
n66	30	20	354000	1@1	DFT_QAM256	18.08	-4.38	11.55	30	13.70	30	PASS
n66	30	20	354000	1@49	DFT_QAM256	17.98	-4.38	11.45	30	13.60	30	PASS
n66	30	20	354000	25@12	CP_QPSK	20.87	-4.38	14.34	30	16.49	30	PASS
n66	30	20	354000	1@1	CP_QPSK	20.75	-4.38	14.22	30	16.37	30	PASS
n66	30	20	354000	1@49	CP_QPSK	20.69	-4.38	14.16	30	16.31	30	PASS
n66	30	20	354000	25@12	CP_QAM16	20.60	-4.38	14.07	30	16.22	30	PASS
n66	30	20	354000	1@1	CP_QAM16	20.59	-4.38	14.06	30	16.21	30	PASS
n66	30	20	354000	1@49	CP_QAM16	20.35	-4.38	13.82	30	15.97	30	PASS
n66	30	20	354000	25@12	CP_QAM64	19.05	-4.38	12.52	30	14.67	30	PASS
n66	30	20	354000	1@1	CP_QAM64	18.86	-4.38	12.33	30	14.48	30	PASS
n66	30	20	354000	1@49	CP_QAM64	18.90	-4.38	12.37	30	14.52	30	PASS
n66	30	20	354000	25@12	CP_QAM256	15.92	-4.38	9.39	30	11.54	30	PASS
n66	30	20	354000	1@1	CP_QAM256	16.20	-4.38	9.67	30	11.82	30	PASS
n66	30	20	354000	1@49	CP_QAM256	16.27	-4.38	9.74	30	11.89	30	PASS
n66	30	40	346000	50@25	DFT_BPSK	22.51	-4.38	15.98	30	18.13	30	PASS
n66	30	40	346000	1@1	DFT_BPSK	22.04	-4.38	15.51	30	17.66	30	PASS
n66	30	40	346000	1@104	DFT_BPSK	21.83	-4.38	15.30	30	17.45	30	PASS
n66	30	40	346000	50@25	DFT_QPSK	22.55	-4.38	16.02	30	18.17	30	PASS
n66	30	40	346000	1@1	DFT_QPSK	21.82	-4.38	15.29	30	17.44	30	PASS
n66	30	40	346000	1@104	DFT_QPSK	21.63	-4.38	15.10	30	17.25	30	PASS
n66	30	40	346000	50@25	DFT_QAM16	21.42	-4.38	14.89	30	17.04	30	PASS

n66	30	40	346000	1@1	DFT_QAM1 6	21.35	-4.38	14.82	30	16.97	30	PASS
n66	30	40	346000	1@104	DFT_QAM1 6	20.96	-4.38	14.43	30	16.58	30	PASS
n66	30	40	346000	50@25	DFT_QAM6 4	20.14	-4.38	13.61	30	15.76	30	PASS
n66	30	40	346000	1@1	DFT_QAM6 4	19.95	-4.38	13.42	30	15.57	30	PASS
n66	30	40	346000	1@104	DFT_QAM6 4	19.33	-4.38	12.80	30	14.95	30	PASS
n66	30	40	346000	50@25	DFT_QAM2 56	18.15	-4.38	11.62	30	13.77	30	PASS
n66	30	40	346000	1@1	DFT_QAM2 56	18.00	-4.38	11.47	30	13.62	30	PASS
n66	30	40	346000	1@104	DFT_QAM2 56	17.67	-4.38	11.14	30	13.29	30	PASS
n66	30	40	346000	53@26	CP_QPSK	21.11	-4.38	14.58	30	16.73	30	PASS
n66	30	40	346000	1@1	CP_QPSK	20.61	-4.38	14.08	30	16.23	30	PASS
n66	30	40	346000	1@104	CP_QPSK	20.29	-4.38	13.76	30	15.91	30	PASS
n66	30	40	346000	53@26	CP_QAM16	20.70	-4.38	14.17	30	16.32	30	PASS
n66	30	40	346000	1@1	CP_QAM16	20.35	-4.38	13.82	30	15.97	30	PASS
n66	30	40	346000	1@104	CP_QAM16	20.11	-4.38	13.58	30	15.73	30	PASS
n66	30	40	346000	53@26	CP_QAM64	19.18	-4.38	12.65	30	14.80	30	PASS
n66	30	40	346000	1@1	CP_QAM64	18.51	-4.38	11.98	30	14.13	30	PASS
n66	30	40	346000	1@104	CP_QAM64	18.56	-4.38	12.03	30	14.18	30	PASS
n66	30	40	346000	53@26	CP_QAM25 6	16.10	-4.38	9.57	30	11.72	30	PASS
n66	30	40	346000	1@1	CP_QAM25 6	16.13	-4.38	9.60	30	11.75	30	PASS
n66	30	40	346000	1@104	CP_QAM25 6	15.83	-4.38	9.30	30	11.45	30	PASS
n66	30	40	349000	50@25	DFT_BPSK	22.41	-4.38	15.88	30	18.03	30	PASS
n66	30	40	349000	1@1	DFT_BPSK	22.10	-4.38	15.57	30	17.72	30	PASS
n66	30	40	349000	1@104	DFT_BPSK	21.83	-4.38	15.30	30	17.45	30	PASS
n66	30	40	349000	50@25	DFT_QPSK	22.34	-4.38	15.81	30	17.96	30	PASS
n66	30	40	349000	1@1	DFT_QPSK	21.88	-4.38	15.35	30	17.50	30	PASS
n66	30	40	349000	1@104	DFT_QPSK	21.64	-4.38	15.11	30	17.26	30	PASS
n66	30	40	349000	50@25	DFT_QAM1 6	21.45	-4.38	14.92	30	17.07	30	PASS
n66	30	40	349000	1@1	DFT_QAM1 6	21.32	-4.38	14.79	30	16.94	30	PASS
n66	30	40	349000	1@104	DFT_QAM1 6	21.01	-4.38	14.48	30	16.63	30	PASS
n66	30	40	349000	50@25	DFT_QAM6 4	20.06	-4.38	13.53	30	15.68	30	PASS
n66	30	40	349000	1@1	DFT_QAM6 4	19.96	-4.38	13.43	30	15.58	30	PASS

n66	30	40	349000	1@104	DFT_QAM6 4	19.31	-4.38	12.78	30	14.93	30	PASS
n66	30	40	349000	50@25	DFT_QAM2 56	17.99	-4.38	11.46	30	13.61	30	PASS
n66	30	40	349000	1@1	DFT_QAM2 56	17.90	-4.38	11.37	30	13.52	30	PASS
n66	30	40	349000	1@104	DFT_QAM2 56	17.63	-4.38	11.10	30	13.25	30	PASS
n66	30	40	349000	53@26	CP_QPSK	20.77	-4.38	14.24	30	16.39	30	PASS
n66	30	40	349000	1@1	CP_QPSK	20.60	-4.38	14.07	30	16.22	30	PASS
n66	30	40	349000	1@104	CP_QPSK	20.23	-4.38	13.70	30	15.85	30	PASS
n66	30	40	349000	53@26	CP_QAM16	20.41	-4.38	13.88	30	16.03	30	PASS
n66	30	40	349000	1@1	CP_QAM16	20.20	-4.38	13.67	30	15.82	30	PASS
n66	30	40	349000	1@104	CP_QAM16	20.13	-4.38	13.60	30	15.75	30	PASS
n66	30	40	349000	53@26	CP_QAM64	18.98	-4.38	12.45	30	14.60	30	PASS
n66	30	40	349000	1@1	CP_QAM64	18.79	-4.38	12.26	30	14.41	30	PASS
n66	30	40	349000	1@104	CP_QAM64	18.53	-4.38	12.00	30	14.15	30	PASS
n66	30	40	349000	53@26	CP_QAM25 6	15.99	-4.38	9.46	30	11.61	30	PASS
n66	30	40	349000	1@1	CP_QAM25 6	16.06	-4.38	9.53	30	11.68	30	PASS
n66	30	40	349000	1@104	CP_QAM25 6	15.86	-4.38	9.33	30	11.48	30	PASS
n66	30	40	352000	50@25	DFT_BPSK	22.30	-4.38	15.77	30	17.92	30	PASS
n66	30	40	352000	1@1	DFT_BPSK	21.97	-4.38	15.44	30	17.59	30	PASS
n66	30	40	352000	1@104	DFT_BPSK	21.83	-4.38	15.30	30	17.45	30	PASS
n66	30	40	352000	50@25	DFT_QPSK	22.33	-4.38	15.80	30	17.95	30	PASS
n66	30	40	352000	1@1	DFT_QPSK	21.77	-4.38	15.24	30	17.39	30	PASS
n66	30	40	352000	1@104	DFT_QPSK	21.68	-4.38	15.15	30	17.30	30	PASS
n66	30	40	352000	50@25	DFT_QAM1 6	21.31	-4.38	14.78	30	16.93	30	PASS
n66	30	40	352000	1@1	DFT_QAM1 6	20.98	-4.38	14.45	30	16.60	30	PASS
n66	30	40	352000	1@104	DFT_QAM1 6	20.79	-4.38	14.26	30	16.41	30	PASS
n66	30	40	352000	50@25	DFT_QAM6 4	20.00	-4.38	13.47	30	15.62	30	PASS
n66	30	40	352000	1@1	DFT_QAM6 4	19.69	-4.38	13.16	30	15.31	30	PASS
n66	30	40	352000	1@104	DFT_QAM6 4	19.39	-4.38	12.86	30	15.01	30	PASS
n66	30	40	352000	50@25	DFT_QAM2 56	17.90	-4.38	11.37	30	13.52	30	PASS
n66	30	40	352000	1@1	DFT_QAM2 56	17.84	-4.38	11.31	30	13.46	30	PASS
n66	30	40	352000	1@104	DFT_QAM2 56	17.52	-4.38	10.99	30	13.14	30	PASS

n66	30	40	352000	53@26	CP_QPSK	20.73	-4.38	14.20	30	16.35	30	PASS
n66	30	40	352000	1@1	CP_QPSK	20.30	-4.38	13.77	30	15.92	30	PASS
n66	30	40	352000	1@104	CP_QPSK	20.16	-4.38	13.63	30	15.78	30	PASS
n66	30	40	352000	53@26	CP_QAM16	20.40	-4.38	13.87	30	16.02	30	PASS
n66	30	40	352000	1@1	CP_QAM16	20.27	-4.38	13.74	30	15.89	30	PASS
n66	30	40	352000	1@104	CP_QAM16	19.97	-4.38	13.44	30	15.59	30	PASS
n66	30	40	352000	53@26	CP_QAM64	18.88	-4.38	12.35	30	14.50	30	PASS
n66	30	40	352000	1@1	CP_QAM64	18.57	-4.38	12.04	30	14.19	30	PASS
n66	30	40	352000	1@104	CP_QAM64	18.46	-4.38	11.93	30	14.08	30	PASS
n66	30	40	352000	53@26	CP_QAM25 6	15.93	-4.38	9.40	30	11.55	30	PASS
n66	30	40	352000	1@1	CP_QAM25 6	15.85	-4.38	9.32	30	11.47	30	PASS
n66	30	40	352000	1@104	CP_QAM25 6	15.77	-4.38	9.24	30	11.39	30	PASS