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Appendix B.29

NR Band n77(3450-3550)



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANT101

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N77-3450-3550	30	10	DFT-PI2BPSK	L	1@1	23.11	21.03	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	L	1@22	22.98	20.90	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	L	24@0	22.59	20.51	30	PASS
N77-3450-3550	30	10	DFT-QPSK	L	1@1	23.12	21.04	30	PASS
N77-3450-3550	30	10	DFT-QPSK	L	1@22	23.05	20.97	30	PASS
N77-3450-3550	30	10	DFT-QPSK	L	24@0	22.05	19.97	30	PASS
N77-3450-3550	30	10	DFT-16QAM	L	1@1	22.03	19.95	30	PASS
N77-3450-3550	30	10	DFT-16QAM	L	1@22	21.86	19.78	30	PASS
N77-3450-3550	30	10	DFT-16QAM	L	24@0	21.12	19.04	30	PASS
N77-3450-3550	30	10	DFT-64QAM	L	1@1	20.43	18.35	30	PASS
N77-3450-3550	30	10	DFT-64QAM	L	1@22	20.35	18.27	30	PASS
N77-3450-3550	30	10	DFT-64QAM	L	24@0	20.56	18.48	30	PASS
N77-3450-3550	30	10	DFT-256QAM	L	1@1	18.80	16.72	30	PASS
N77-3450-3550	30	10	DFT-256QAM	L	1@22	18.79	16.71	30	PASS
N77-3450-3550	30	10	DFT-256QAM	L	24@0	18.86	16.78	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	М	1@1	23.05	20.97	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	М	1@22	22.90	20.82	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	М	24@0	22.47	20.39	30	PASS
N77-3450-3550	30	10	DFT-QPSK	М	1@1	23.10	21.02	30	PASS
N77-3450-3550	30	10	DFT-QPSK	М	1@22	22.90	20.82	30	PASS
N77-3450-3550	30	10	DFT-QPSK	М	24@0	21.94	19.86	30	PASS
N77-3450-3550	30	10	DFT-16QAM	М	1@1	21.92	19.84	30	PASS
N77-3450-3550	30	10	DFT-16QAM	М	1@22	21.78	19.70	30	PASS
N77-3450-3550	30	10	DFT-16QAM	М	24@0	20.98	18.90	30	PASS
N77-3450-3550	30	10	DFT-64QAM	М	1@1	20.38	18.30	30	PASS
N77-3450-3550	30	10	DFT-64QAM	М	1@22	20.23	18.15	30	PASS
N77-3450-3550	30	10	DFT-64QAM	М	24@0	20.50	18.42	30	PASS
N77-3450-3550	30	10	DFT-256QAM	М	1@1	18.77	16.69	30	PASS
N77-3450-3550	30	10	DFT-256QAM	М	1@22	18.65	16.57	30	PASS
N77-3450-3550	30	10	DFT-256QAM	М	24@0	18.83	16.75	30	PASS



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N77-3450-3550 30 10 DFT-PI2BPSK H 1@1 22.81 20.73 30 PAS N77-3450-3550 30 10 DFT-PI2BPSK H 1@22 22.80 20.72 30 PAS N77-3450-3550 30 10 DFT-PI2BPSK H 24@0 22.36 20.28 30 PAS N77-3450-3550 30 10 DFT-QPSK H 1@1 22.87 20.79 30 PAS N77-3450-3550 30 10 DFT-QPSK H 1@22 22.88 20.80 30 PAS N77-3450-3550 30 10 DFT-QPSK H 24@0 21.77 19.69 30 PAS N77-3450-3550 30 10 DFT-16QAM H 1@21 21.82 19.74 30 PAS N77-3450-3550 30 10 DFT-16QAM H 1@1 20.12 18.04 30 PAS N77-3450-3550 30 10
N77-3450-3550 30 10 DFT-PI2BPSK H 24@0 22.36 20.28 30 PAS N77-3450-3550 30 10 DFT-QPSK H 1@1 22.87 20.79 30 PAS N77-3450-3550 30 10 DFT-QPSK H 1@22 22.88 20.80 30 PAS N77-3450-3550 30 10 DFT-QPSK H 24@0 21.77 19.69 30 PAS N77-3450-3550 30 10 DFT-16QAM H 1@1 21.82 19.74 30 PAS N77-3450-3550 30 10 DFT-16QAM H 1@22 21.67 19.59 30 PAS N77-3450-3550 30 10 DFT-16QAM H 24@0 20.84 18.76 30 PAS N77-3450-3550 30 10 DFT-64QAM H 1@1 20.12 18.04 30 PAS N77-3450-3550 30 10
N77-3450-3550 30 10 DFT-QPSK H 1@1 22.87 20.79 30 PAS N77-3450-3550 30 10 DFT-QPSK H 1@22 22.88 20.80 30 PAS N77-3450-3550 30 10 DFT-QPSK H 24@0 21.77 19.69 30 PAS N77-3450-3550 30 10 DFT-16QAM H 1@1 21.82 19.74 30 PAS N77-3450-3550 30 10 DFT-16QAM H 1@22 21.67 19.59 30 PAS N77-3450-3550 30 10 DFT-16QAM H 24@0 20.84 18.76 30 PAS N77-3450-3550 30 10 DFT-64QAM H 1@1 20.12 18.04 30 PAS N77-3450-3550 30 10 DFT-64QAM H 1@22 20.15 18.07 30 PAS N77-3450-3550 30 10 <t< td=""></t<>
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N77-3450-3550 30 10 DFT-256QAM H 1@22 18.61 16.53 30 PAS N77-3450-3550 30 10 DFT-256QAM H 24@0 18.61 16.53 30 PAS N77-3450-3550 30 15 DFT-PI2BPSK L 1@1 23.28 21.20 30 PAS
N77-3450-3550 30 10 DFT-256QAM H 24@0 18.61 16.53 30 PAS N77-3450-3550 30 15 DFT-PI2BPSK L 1@1 23.28 21.20 30 PAS
N77-3450-3550 30 15 DFT-PI2BPSK L 1@1 23.28 21.20 30 PAS
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N77-3450-3550 30 15 DFT-PI2BPSK L 1@36 23.08 21.00 30 PAS
N77-3450-3550 30 15 DFT-PI2BPSK L 36@0 22.67 20.59 30 PAS
N77-3450-3550 30 15 DFT-QPSK L 1@1 23.32 21.24 30 PAS
N77-3450-3550 30 15 DFT-QPSK L 1@36 23.16 21.08 30 PAS
N77-3450-3550 30 15 DFT-QPSK L 36@0 22.16 20.08 30 PAS
N77-3450-3550 30 15 DFT-16QAM L 1@1 22.14 20.06 30 PAS
N77-3450-3550 30 15 DFT-16QAM L 1@36 21.94 19.86 30 PAS
N77-3450-3550 30 15 DFT-16QAM L 36@0 21.17 19.09 30 PAS
N77-3450-3550 30 15 DFT-64QAM L 1@1 20.56 18.48 30 PAS
N77-3450-3550 30 15 DFT-64QAM L 1@36 20.42 18.34 30 PAS
N77-3450-3550 30 15 DFT-64QAM L 36@0 20.65 18.57 30 PAS
N77-3450-3550 30 15 DFT-256QAM L 1@1 19.04 16.96 30 PAS
N77-3450-3550 30 15 DFT-256QAM L 1@36 18.89 16.81 30 PAS
N77-3450-3550 30 15 DFT-256QAM L 36@0 19.02 16.94 30 PAS
N77-3450-3550 30 15 DFT-PI2BPSK M 1@1 23.12 21.04 30 PAS
N77-3450-3550 30 15 DFT-PI2BPSK M 1@36 22.96 20.88 30 PAS
N77-3450-3550 30 15 DFT-PI2BPSK M 36@0 22.55 20.47 30 PAS
N77-3450-3550 30 15 DFT-QPSK M 1@1 23.19 21.11 30 PAS
N77-3450-3550 30 15 DFT-QPSK M 1@36 23.07 20.99 30 PAS
N77-3450-3550 30 15 DFT-QPSK M 36@0 22.07 19.99 30 PAS



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								1	,
N77-3450-3550	30	15	DFT-16QAM	М	1@1	22.00	19.92	30	PASS
N77-3450-3550	30	15	DFT-16QAM	М	1@36	21.82	19.74	30	PASS
N77-3450-3550	30	15	DFT-16QAM	М	36@0	21.05	18.97	30	PASS
N77-3450-3550	30	15	DFT-64QAM	М	1@1	20.43	18.35	30	PASS
N77-3450-3550	30	15	DFT-64QAM	М	1@36	20.30	18.22	30	PASS
N77-3450-3550	30	15	DFT-64QAM	М	36@0	20.51	18.43	30	PASS
N77-3450-3550	30	15	DFT-256QAM	М	1@1	18.91	16.83	30	PASS
N77-3450-3550	30	15	DFT-256QAM	М	1@36	18.72	16.64	30	PASS
N77-3450-3550	30	15	DFT-256QAM	М	36@0	18.92	16.84	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	Н	1@1	23.09	21.01	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	Н	1@36	22.98	20.90	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	Н	36@0	22.47	20.39	30	PASS
N77-3450-3550	30	15	DFT-QPSK	Н	1@1	23.19	21.11	30	PASS
N77-3450-3550	30	15	DFT-QPSK	Н	1@36	23.07	20.99	30	PASS
N77-3450-3550	30	15	DFT-QPSK	Н	36@0	21.98	19.90	30	PASS
N77-3450-3550	30	15	DFT-16QAM	Н	1@1	21.99	19.91	30	PASS
N77-3450-3550	30	15	DFT-16QAM	Н	1@36	21.90	19.82	30	PASS
N77-3450-3550	30	15	DFT-16QAM	Н	36@0	21.01	18.93	30	PASS
N77-3450-3550	30	15	DFT-64QAM	Н	1@1	20.36	18.28	30	PASS
N77-3450-3550	30	15	DFT-64QAM	Н	1@36	20.29	18.21	30	PASS
N77-3450-3550	30	15	DFT-64QAM	Н	36@0	20.48	18.40	30	PASS
N77-3450-3550	30	15	DFT-256QAM	Н	1@1	18.91	16.83	30	PASS
N77-3450-3550	30	15	DFT-256QAM	Н	1@36	18.72	16.64	30	PASS
N77-3450-3550	30	15	DFT-256QAM	Н	36@0	18.86	16.78	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	1@1	23.26	21.18	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	1@49	23.06	20.98	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	50@0	22.72	20.64	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	1@1	23.35	21.27	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	1@49	23.15	21.07	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	50@0	22.14	20.06	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	1@1	22.27	20.19	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	1@49	22.04	19.96	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	50@0	21.19	19.11	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	1@1	20.63	18.55	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	1@49	20.41	18.33	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	50@0	20.69	18.61	30	PASS



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N77-3450-3550 30 20 DFT-256QAM L 1@1 19.05 16.97 30 PASS N77-3450-3550 30 20 DFT-256QAM L 1@49 18.88 16.80 30 PASS N77-3450-3550 30 20 DFT-P12BPSK M 1@1 23.25 21.17 30 PASS N77-3450-3550 30 20 DFT-P12BPSK M 1@49 23.02 20.94 30 PASS N77-3450-3550 30 20 DFT-P12BPSK M 1@49 23.02 20.94 30 PASS N77-3450-3550 30 20 DFT-P12BPSK M 50@0 22.09 20.01 30 PASS N77-3450-3550 30 20 DFT-QPSK M 1@49 23.04 20.96 30 PASS N77-3450-3550 30 20 DFT-QPSK M 50@0 22.08 20.00 30 PASS N77-3450-3550 30 <t< th=""></t<>
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N77-3450-3550 30 20 DFT-16QAM H 1@49 21.90 19.82 30 PAS
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N77-3450-3550 30 20 DFT-256QAM H 50@0 18.84 16.76 30 PAS
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N77-3450-3550 30 30 DFT-PI2BPSK L 1@76 23.28 21.20 30 PAS
N77-3450-3550 30 30 DFT-PI2BPSK L 75@0 22.65 20.57 30 PAS



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N77-3450-3550	30	30	DFT-QPSK	L	1@1	23.37	21.29	30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	1@76	23.38	21.30	30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	75@0	22.18	20.10	30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	1@1	22.22	20.14	30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	1@76	22.25	20.17	30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	75@0	21.14	19.06	30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	1@1	20.61	18.53	30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	1@76	20.59	18.51	30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	75@0	20.65	18.57	30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	1@1	19.05	16.97	30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	1@76	19.05	16.97	30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	75@0	19.03	16.95	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	М	1@1	23.35	21.27	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	М	1@76	23.06	20.98	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	М	75@0	22.63	20.55	30	PASS
N77-3450-3550	30	30	DFT-QPSK	М	1@1	23.42	21.34	30	PASS
N77-3450-3550	30	30	DFT-QPSK	М	1@76	23.14	21.06	30	PASS
N77-3450-3550	30	30	DFT-QPSK	М	75@0	22.11	20.03	30	PASS
N77-3450-3550	30	30	DFT-16QAM	М	1@1	22.32	20.24	30	PASS
N77-3450-3550	30	30	DFT-16QAM	М	1@76	22.05	19.97	30	PASS
N77-3450-3550	30	30	DFT-16QAM	М	75@0	21.05	18.97	30	PASS
N77-3450-3550	30	30	DFT-64QAM	М	1@1	20.65	18.57	30	PASS
N77-3450-3550	30	30	DFT-64QAM	М	1@76	20.36	18.28	30	PASS
N77-3450-3550	30	30	DFT-64QAM	М	75@0	20.62	18.54	30	PASS
N77-3450-3550	30	30	DFT-256QAM	М	1@1	19.14	17.06	30	PASS
N77-3450-3550	30	30	DFT-256QAM	М	1@76	18.88	16.80	30	PASS
N77-3450-3550	30	30	DFT-256QAM	М	75@0	18.98	16.90	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	Н	1@1	23.30	21.22	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	Н	1@76	23.07	20.99	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	Н	75@0	22.76	20.68	30	PASS
N77-3450-3550	30	30	DFT-QPSK	Н	1@1	23.43	21.35	30	PASS
N77-3450-3550	30	30	DFT-QPSK	Н	1@76	23.14	21.06	30	PASS
N77-3450-3550	30	30	DFT-QPSK	Н	75@0	22.24	20.16	30	PASS
N77-3450-3550	30	30	DFT-16QAM	Н	1@1	22.24	20.16	30	PASS
N77-3450-3550	30	30	DFT-16QAM	Н	1@76	22.08	20.00	30	PASS
N77-3450-3550	30	30	DFT-16QAM	Н	75@0	21.21	19.13	30	PASS



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N77-3450-3550 30 30 DFT-64QAM H 1@1 20.68 18.60 30 PAS N77-3450-3550 30 30 DFT-64QAM H 1@76 20.38 18.30 30 PAS N77-3450-3550 30 30 DFT-64QAM H 75@0 20.75 18.67 30 PAS N77-3450-3550 30 30 DFT-256QAM H 1@1 19.13 17.05 30 PAS N77-3450-3550 30 30 DFT-256QAM H 1@76 18.86 16.78 30 PAS N77-3450-3550 30 40 DFT-PI2BPSK L 1@1 23.44 21.36 30 PAS N77-3450-3550 30 40 DFT-PI2BPSK L 1@104 23.42 21.34 30 PAS N77-3450-3550 30 40 DFT-QPSK L 1@1 23.49 21.41 30 PAS N77-3450-3550 30 40
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Report No.: SZCR240400116002

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N77-3450-3550 30 40 DFT-PI2BPSK H 1@1 23.20 21.12 30 PASS N77-3450-3550 30 40 DFT-PI2BPSK H 100@0 22.17 20.09 30 PASS N77-3450-3550 30 40 DFT-PI2BPSK H 1@10 23.20 21.12 30 PASS N77-3450-3550 30 40 DFT-QPSK H 1@10 23.20 21.12 30 PASS N77-3450-3550 30 40 DFT-QPSK H 1@10 23.20 21.12 30 PASS N77-3450-3550 30 40 DFT-QPSK H 1@10 23.20 21.12 30 PASS N77-3450-3550 30 40 DFT-QPSK H 1@10 22.11 20.03 30 PASS N77-3450-3550 30 40 DFT-16QAM H 1@10 22.01 19.93 30 PASS N77-3450-3550 30 40 DFT-16QAM H 1@10 22.01 19.93 30 PASS N77-3450-3550 30 40 DFT-16QAM H 1@10 22.01 19.93 30 PASS N77-3450-3550 30 40 DFT-6QAM H 1@10 22.01 19.93 30 PASS N77-3450-3550 30 40 DFT-6QAM H 1@10 20.41 18.33 30 PASS N77-3450-3550 30 40 DFT-6QAM H 1@10 20.41 18.33 30 PASS N77-3450-3550 30 40 DFT-6QAM H 1@10 20.41 18.33 30 PASS N77-3450-3550 30 40 DFT-6QAM H 1@10 20.41 18.63 30 PASS N77-3450-3550 30 40 DFT-256QAM H 1@10 20.41 18.63 30 PASS N77-3450-3550 30 40 DFT-256QAM H 1@10 40 20.41 18.68 16.80 30 PASS N77-3450-3550 30 40 DFT-256QAM H 1@10 40 20.41 18.63 30 PASS N77-3450-3550 30 40 DFT-256QAM H 1@10 40 20.41 18.68 16.80 30 PASS N77-3450-3550 30 40 DFT-256QAM H 1@10 40 19.07 16.99 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@1 23.28 21.20 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@13 22.73 20.65 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@13 22.73 20.65 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@13 22.73 20.65 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@13 22.75 20.07 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@13 22.75 20.07 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@13 22.75 20.07 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@13 22.75 20.07 30 PASS N77-3450-3550 30 50 DFT-GPAM L 1@13 22.75 20.07 30 PASS N77-3450-3550 30 50 DFT-GPAM L 1@13 22.75 20.07 30 PASS N77-3450-3550 30 50 DFT-GPAM L 1@13 22.75 20.07 30 PASS N77-3450-3550 30 50 DFT-GPAM L 1@13 20.03 17.95 30 PASS N77-3450-3550 30 50 DFT-GPAM L 1@13 20.03 17.95 30 PASS N77-3450-3550 30 50 DFT-GPAM L 1@13 20.03 17.95 30 PASS N77-3450-3550 30 50 DFT-GPAM L 1@13 20.03 17.95 30 PASS N77-3450-3550 30 50 DFT-GP			1	T		T		1	T	1
N77-3450-3550 30	N77-3450-3550	30	40	DFT-PI2BPSK	Н	1@1	23.20	21.12	30	PASS
N77-3450-3550 30	N77-3450-3550	30	40	DFT-PI2BPSK	Н	1@104	23.27	21.19	30	PASS
N77-3450-3550 30	N77-3450-3550	30	40	DFT-PI2BPSK	Н	100@0	22.17	20.09	30	PASS
N77-3450-3550 30	N77-3450-3550	30	40	DFT-QPSK	Н	1@1	23.20	21.12	30	PASS
N77-3450-3550 30	N77-3450-3550	30	40	DFT-QPSK	Н	1@104	23.21	21.13	30	PASS
N77-3450-3550 30 40 DFT-16QAM H 1@104 22.11 20.03 30 PASS N77-3450-3550 30 40 DFT-16QAM H 100@0 21.15 19.07 30 PASS N77-3450-3550 30 40 DFT-64QAM H 1@104 20.41 18.33 30 PASS N77-3450-3550 30 40 DFT-64QAM H 1@104 20.41 18.33 30 PASS N77-3450-3550 30 40 DFT-256QAM H 1@10 18.88 16.80 30 PASS N77-3450-3550 30 40 DFT-256QAM H 1@104 18.88 16.80 30 PASS N77-3450-3550 30 40 DFT-256QAM H 1@00 18.07 16.99 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@13 22.73 20.65 30 PASS N77-3450-3550 30	N77-3450-3550	30	40	DFT-QPSK	Н	100@0	22.18	20.10	30	PASS
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N77-3450-3550 30 40 DFT-64QAM H 1@104 20.41 18.33 30 PASS N77-3450-3550 30 40 DFT-64QAM H 100@0 20.71 18.63 30 PASS N77-3450-3550 30 40 DFT-256QAM H 1@11 18.88 16.80 30 PASS N77-3450-3550 30 40 DFT-256QAM H 1@104 18.88 16.80 30 PASS N77-3450-3550 30 40 DFT-256QAM H 100@0 19.07 16.99 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@11 23.28 21.20 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@131 22.73 20.65 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@11 23.38 21.30 30 PASS N77-3450-3550 30	N77-3450-3550	30	40	DFT-16QAM	Н	100@0	21.15	19.07	30	PASS
N77-3450-3550 30 40 DFT-64QAM H 100@0 20.71 18.63 30 PASS N77-3450-3550 30 40 DFT-256QAM H 1@11 18.88 16.80 30 PASS N77-3450-3550 30 40 DFT-256QAM H 1@104 18.88 16.80 30 PASS N77-3450-3550 30 40 DFT-256QAM H 100@0 19.07 16.99 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@11 23.28 21.20 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@131 22.73 20.65 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@11 23.38 21.30 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@131 22.78 20.70 30 PASS N77-3450-3550 30	N77-3450-3550	30	40	DFT-64QAM	Н	1@1	20.38	18.30	30	PASS
N77-3450-3550 30 40 DFT-256QAM H 1@1 18.88 16.80 30 PASS N77-3450-3550 30 40 DFT-256QAM H 1@104 18.88 16.80 30 PASS N77-3450-3550 30 40 DFT-256QAM H 100@0 19.07 16.99 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@13 22.73 20.65 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@13 22.73 20.65 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@13 22.73 20.65 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@13 22.73 20.70 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@131 22.73 20.71 30 PASS N77-3450-3550 30	N77-3450-3550	30	40	DFT-64QAM	Η	1@104	20.41	18.33	30	PASS
N77-3450-3550 30 40 DFT-256QAM H 1@104 18.88 16.80 30 PASS N77-3450-3550 30 40 DFT-256QAM H 100@0 19.07 16.99 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@131 22.73 20.65 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 128@0 22.62 20.54 30 PASS N77-3450-3550 30 50 DFT-QPSK L 128@0 22.62 20.54 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@131 22.78 20.70 30 PASS N77-3450-3550 30 50 DFT-QPSK L 128@0 22.09 20.01 30 PASS N77-3450-3550 30 50 DFT-16QAM L 1@13 21.60 19.52 30 PASS N77-3450-3550 30	N77-3450-3550	30	40	DFT-64QAM	Н	100@0	20.71	18.63	30	PASS
N77-3450-3550 30 40 DFT-256QAM H 100@0 19.07 16.99 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@1 23.28 21.20 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 1@131 22.73 20.65 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 128@0 22.62 20.54 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@131 22.78 20.70 30 PASS N77-3450-3550 30 50 DFT-QPSK L 128@0 22.09 20.01 30 PASS N77-3450-3550 30 50 DFT-16QPSK L 1@131 22.78 20.70 30 PASS N77-3450-3550 30 50 DFT-16QAM L 1@131 21.60 19.52 30 PASS N77-3450-3550 30	N77-3450-3550	30	40	DFT-256QAM	Н	1@1	18.88	16.80	30	PASS
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N77-3450-3550 30 50 DFT-PI2BPSK L 1@131 22.73 20.65 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK L 128@0 22.62 20.54 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@1 23.38 21.30 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@131 22.78 20.70 30 PASS N77-3450-3550 30 50 DFT-QPSK L 128@0 22.09 20.01 30 PASS N77-3450-3550 30 50 DFT-16QAM L 1@11 22.25 20.17 30 PASS N77-3450-3550 30 50 DFT-16QAM L 1@131 21.60 19.52 30 PASS N77-3450-3550 30 50 DFT-6QAM L 1@131 20.03 17.95 30 PASS N77-3450-3550 30 <td< td=""><td>N77-3450-3550</td><td>30</td><td>40</td><td>DFT-256QAM</td><td>Н</td><td>100@0</td><td>19.07</td><td>16.99</td><td>30</td><td>PASS</td></td<>	N77-3450-3550	30	40	DFT-256QAM	Н	100@0	19.07	16.99	30	PASS
N77-3450-3550 30 50 DFT-PI2BPSK L 128@0 22.62 20.54 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@11 23.38 21.30 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@131 22.78 20.70 30 PASS N77-3450-3550 30 50 DFT-QPSK L 128@0 22.09 20.01 30 PASS N77-3450-3550 30 50 DFT-16QAM L 1@13 21.60 19.52 30 PASS N77-3450-3550 30 50 DFT-16QAM L 128@0 21.08 19.00 30 PASS N77-3450-3550 30 50 DFT-6QAM L 1@13 20.60 19.52 30 PASS N77-3450-3550 30 50 DFT-6QAM L 1@13 20.03 17.95 30 PASS N77-3450-3550 30 50<	N77-3450-3550	30	50	DFT-PI2BPSK	L	1@1	23.28	21.20	30	PASS
N77-3450-3550 30 50 DFT-QPSK L 1@1 23.38 21.30 30 PASS N77-3450-3550 30 50 DFT-QPSK L 1@131 22.78 20.70 30 PASS N77-3450-3550 30 50 DFT-QPSK L 128@0 22.09 20.01 30 PASS N77-3450-3550 30 50 DFT-16QAM L 1@131 21.60 19.52 30 PASS N77-3450-3550 30 50 DFT-16QAM L 1@131 21.60 19.52 30 PASS N77-3450-3550 30 50 DFT-16QAM L 1@131 20.03 19.00 30 PASS N77-3450-3550 30 50 DFT-64QAM L 1@131 20.03 17.95 30 PASS N77-3450-3550 30 50 DFT-64QAM L 1@131 20.03 17.95 30 PASS N77-3450-3550 30 5	N77-3450-3550	30	50	DFT-PI2BPSK	L	1@131	22.73	20.65	30	PASS
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N77-3450-3550 30 50 DFT-64QAM L 1@131 20.03 17.95 30 PASS N77-3450-3550 30 50 DFT-64QAM L 128@0 20.56 18.48 30 PASS N77-3450-3550 30 50 DFT-256QAM L 1@1 19.14 17.06 30 PASS N77-3450-3550 30 50 DFT-256QAM L 1@131 18.51 16.43 30 PASS N77-3450-3550 30 50 DFT-256QAM L 128@0 19.01 16.93 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK M 1@1 23.04 20.96 30 PASS N77-3450-3550 30 50 DFT-PI2BPSK M 1@131 23.11 21.03 30 PASS N77-3450-3550 30 50 DFT-QPSK M 1@131 23.01 20.93 30 PASS N77-3450-3550 30	N77-3450-3550	30	50	DFT-16QAM	L	128@0	21.08	19.00	30	PASS
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N77-3450-3550 30 60 DFT-256QAM M 1@1 18.77 16.69 30 PASS N77-3450-3550 30 60 DFT-256QAM M 1@160 18.69 16.61 30 PASS N77-3450-3550 30 60 DFT-256QAM M 162@0 18.88 16.80 30 PASS N77-3450-3550 30 60 DFT-PI2BPSK H 1@16 22.78 20.70 30 PASS N77-3450-3550 30 60 DFT-PI2BPSK H 1@160 22.78 20.70 30 PASS N77-3450-3550 30 60 DFT-PI2BPSK H 1@160 22.78 20.70 30 PASS N77-3450-3550 30 60 DFT-QPSK H 1@160 22.86 20.78 30 PASS N77-3450-3550 30 60 DFT-16QAM H 1@160 21.88 19.80 30 PASS N77-3450-3550 30	N77-3450-3550	30	60	DFT-64QAM	М	1@160	20.28	18.20	30	PASS
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N77-3450-3550 30 60 DFT-PI2BPSK H 162@0 22.40 20.32 30 PASS N77-3450-3550 30 60 DFT-QPSK H 1@1 23.16 21.08 30 PASS N77-3450-3550 30 60 DFT-QPSK H 1@160 22.86 20.78 30 PASS N77-3450-3550 30 60 DFT-QPSK H 162@0 21.88 19.80 30 PASS N77-3450-3550 30 60 DFT-16QAM H 1@160 21.68 19.80 30 PASS N77-3450-3550 30 60 DFT-16QAM H 1@160 21.68 19.60 30 PASS N77-3450-3550 30 60 DFT-16QAM H 1@160 20.88 18.80 30 PASS N77-3450-3550 30 60 DFT-64QAM H 1@160 20.09 18.01 30 PASS N77-3450-3550 30 <td< td=""><td>N77-3450-3550</td><td>30</td><td>60</td><td>DFT-PI2BPSK</td><td>Н</td><td>1@1</td><td>23.02</td><td>20.94</td><td>30</td><td>PASS</td></td<>	N77-3450-3550	30	60	DFT-PI2BPSK	Н	1@1	23.02	20.94	30	PASS
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N77-3450-3550 30 60 DFT-QPSK H 1@160 22.86 20.78 30 PASS N77-3450-3550 30 60 DFT-QPSK H 162@0 21.88 19.80 30 PASS N77-3450-3550 30 60 DFT-16QAM H 1@16 21.68 19.60 30 PASS N77-3450-3550 30 60 DFT-16QAM H 162@0 20.88 18.80 30 PASS N77-3450-3550 30 60 DFT-64QAM H 1@1 20.33 18.25 30 PASS N77-3450-3550 30 60 DFT-64QAM H 1@160 20.09 18.01 30 PASS N77-3450-3550 30 60 DFT-64QAM H 162@0 20.36 18.28 30 PASS N77-3450-3550 30 60 DFT-256QAM H 1@160 18.56 16.48 30 PASS N77-3450-3550 30	N77-3450-3550	30	60	DFT-PI2BPSK	Н	162@0	22.40	20.32	30	PASS
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N77-3450-3550 30 60 DFT-16QAM H 1@1 21.96 19.88 30 PASS N77-3450-3550 30 60 DFT-16QAM H 1@160 21.68 19.60 30 PASS N77-3450-3550 30 60 DFT-16QAM H 162@0 20.88 18.80 30 PASS N77-3450-3550 30 60 DFT-64QAM H 1@1 20.33 18.25 30 PASS N77-3450-3550 30 60 DFT-64QAM H 1@160 20.09 18.01 30 PASS N77-3450-3550 30 60 DFT-64QAM H 162@0 20.36 18.28 30 PASS N77-3450-3550 30 60 DFT-256QAM H 1@160 18.56 16.48 30 PASS N77-3450-3550 30 60 DFT-256QAM H 162@0 18.76 16.68 30 PASS N77-3450-3550 30 <t< td=""><td>N77-3450-3550</td><td>30</td><td>60</td><td>DFT-QPSK</td><td>Н</td><td>1@160</td><td>22.86</td><td>20.78</td><td>30</td><td>PASS</td></t<>	N77-3450-3550	30	60	DFT-QPSK	Н	1@160	22.86	20.78	30	PASS
N77-3450-3550 30 60 DFT-16QAM H 1@160 21.68 19.60 30 PASS N77-3450-3550 30 60 DFT-16QAM H 162@0 20.88 18.80 30 PASS N77-3450-3550 30 60 DFT-64QAM H 1@160 20.09 18.01 30 PASS N77-3450-3550 30 60 DFT-64QAM H 162@0 20.36 18.28 30 PASS N77-3450-3550 30 60 DFT-256QAM H 1@1 18.86 16.78 30 PASS N77-3450-3550 30 60 DFT-256QAM H 1@160 18.56 16.48 30 PASS N77-3450-3550 30 60 DFT-256QAM H 162@0 18.76 16.68 30 PASS N77-3450-3550 30 70 DFT-PI2BPSK L 1@1 22.96 20.88 30 PASS	N77-3450-3550	30	60	DFT-QPSK	Η	162@0	21.88	19.80	30	PASS
N77-3450-3550 30 60 DFT-16QAM H 162@0 20.88 18.80 30 PASS N77-3450-3550 30 60 DFT-64QAM H 1@1 20.33 18.25 30 PASS N77-3450-3550 30 60 DFT-64QAM H 1@160 20.09 18.01 30 PASS N77-3450-3550 30 60 DFT-64QAM H 162@0 20.36 18.28 30 PASS N77-3450-3550 30 60 DFT-256QAM H 1@1 18.86 16.78 30 PASS N77-3450-3550 30 60 DFT-256QAM H 1@160 18.56 16.48 30 PASS N77-3450-3550 30 60 DFT-256QAM H 162@0 18.76 16.68 30 PASS N77-3450-3550 30 70 DFT-PI2BPSK L 1@1 22.96 20.88 30 PASS	N77-3450-3550	30	60	DFT-16QAM	Η	1@1	21.96	19.88	30	PASS
N77-3450-3550 30 60 DFT-64QAM H 1@1 20.33 18.25 30 PASS N77-3450-3550 30 60 DFT-64QAM H 1@160 20.09 18.01 30 PASS N77-3450-3550 30 60 DFT-64QAM H 162@0 20.36 18.28 30 PASS N77-3450-3550 30 60 DFT-256QAM H 1@160 18.56 16.48 30 PASS N77-3450-3550 30 60 DFT-256QAM H 1@2@0 18.76 16.68 30 PASS N77-3450-3550 30 70 DFT-PI2BPSK L 1@1 22.96 20.88 30 PASS	N77-3450-3550	30	60	DFT-16QAM	Н	1@160	21.68	19.60	30	PASS
N77-3450-3550 30 60 DFT-64QAM H 1@160 20.09 18.01 30 PASS N77-3450-3550 30 60 DFT-64QAM H 162@0 20.36 18.28 30 PASS N77-3450-3550 30 60 DFT-256QAM H 1@1 18.86 16.78 30 PASS N77-3450-3550 30 60 DFT-256QAM H 1@160 18.56 16.48 30 PASS N77-3450-3550 30 60 DFT-256QAM H 162@0 18.76 16.68 30 PASS N77-3450-3550 30 70 DFT-PI2BPSK L 1@1 22.96 20.88 30 PASS	N77-3450-3550	30	60	DFT-16QAM	Н	162@0	20.88	18.80	30	PASS
N77-3450-3550 30 60 DFT-64QAM H 162@0 20.36 18.28 30 PASS N77-3450-3550 30 60 DFT-256QAM H 1@1 18.86 16.78 30 PASS N77-3450-3550 30 60 DFT-256QAM H 1@160 18.56 16.48 30 PASS N77-3450-3550 30 60 DFT-256QAM H 162@0 18.76 16.68 30 PASS N77-3450-3550 30 70 DFT-PI2BPSK L 1@1 22.96 20.88 30 PASS	N77-3450-3550	30	60	DFT-64QAM	Н	1@1	20.33	18.25	30	PASS
N77-3450-3550 30 60 DFT-256QAM H 1@1 18.86 16.78 30 PASS N77-3450-3550 30 60 DFT-256QAM H 1@160 18.56 16.48 30 PASS N77-3450-3550 30 60 DFT-256QAM H 162@0 18.76 16.68 30 PASS N77-3450-3550 30 70 DFT-PI2BPSK L 1@1 22.96 20.88 30 PASS	N77-3450-3550	30	60	DFT-64QAM	Н	1@160	20.09	18.01	30	PASS
N77-3450-3550 30 60 DFT-256QAM H 1@160 18.56 16.48 30 PASS N77-3450-3550 30 60 DFT-256QAM H 162@0 18.76 16.68 30 PASS N77-3450-3550 30 70 DFT-PI2BPSK L 1@1 22.96 20.88 30 PASS	N77-3450-3550	30	60	DFT-64QAM	Н	162@0	20.36	18.28	30	PASS
N77-3450-3550 30 60 DFT-256QAM H 162@0 18.76 16.68 30 PASS N77-3450-3550 30 70 DFT-PI2BPSK L 1@1 22.96 20.88 30 PASS	N77-3450-3550	30	60	DFT-256QAM	Η	1@1	18.86	16.78	30	PASS
N77-3450-3550 30 70 DFT-PI2BPSK L 1@1 22.96 20.88 30 PASS	N77-3450-3550	30	60	DFT-256QAM	Н	1@160	18.56	16.48	30	PASS
	N77-3450-3550	30	60	DFT-256QAM	Н	162@0	18.76	16.68	30	PASS
N77-3450-3550 30 70 DFT-PI2BPSK L 1@187 22.84 20.76 30 PASS	N77-3450-3550	30	70	DFT-PI2BPSK	L	1@1	22.96	20.88	30	PASS
	N77-3450-3550	30	70	DFT-PI2BPSK	L	1@187	22.84	20.76	30	PASS
N77-3450-3550 30 70 DFT-PI2BPSK L 180@0 22.42 20.34 30 PASS	N77-3450-3550	30	70	DFT-PI2BPSK	L	180@0	22.42	20.34	30	PASS



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		T	1		1		1	1	1
N77-3450-3550	30	70	DFT-QPSK	L	1@1	23.03	20.95	30	PASS
N77-3450-3550	30	70	DFT-QPSK	L	1@187	22.92	20.84	30	PASS
N77-3450-3550	30	70	DFT-QPSK	L	180@0	21.90	19.82	30	PASS
N77-3450-3550	30	70	DFT-16QAM	L	1@1	21.84	19.76	30	PASS
N77-3450-3550	30	70	DFT-16QAM	L	1@187	21.74	19.66	30	PASS
N77-3450-3550	30	70	DFT-16QAM	L	180@0	20.91	18.83	30	PASS
N77-3450-3550	30	70	DFT-64QAM	L	1@1	20.26	18.18	30	PASS
N77-3450-3550	30	70	DFT-64QAM	L	1@187	20.18	18.10	30	PASS
N77-3450-3550	30	70	DFT-64QAM	L	180@0	20.37	18.29	30	PASS
N77-3450-3550	30	70	DFT-256QAM	L	1@1	18.77	16.69	30	PASS
N77-3450-3550	30	70	DFT-256QAM	L	1@187	18.64	16.56	30	PASS
N77-3450-3550	30	70	DFT-256QAM	L	180@0	18.83	16.75	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	М	1@1	22.83	20.75	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	М	1@187	22.83	20.75	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	М	180@0	22.45	20.37	30	PASS
N77-3450-3550	30	70	DFT-QPSK	М	1@1	22.90	20.82	30	PASS
N77-3450-3550	30	70	DFT-QPSK	М	1@187	22.95	20.87	30	PASS
N77-3450-3550	30	70	DFT-QPSK	М	180@0	21.90	19.82	30	PASS
N77-3450-3550	30	70	DFT-16QAM	М	1@1	21.77	19.69	30	PASS
N77-3450-3550	30	70	DFT-16QAM	М	1@187	21.78	19.70	30	PASS
N77-3450-3550	30	70	DFT-16QAM	М	180@0	20.91	18.83	30	PASS
N77-3450-3550	30	70	DFT-64QAM	М	1@1	20.11	18.03	30	PASS
N77-3450-3550	30	70	DFT-64QAM	М	1@187	20.20	18.12	30	PASS
N77-3450-3550	30	70	DFT-64QAM	М	180@0	20.43	18.35	30	PASS
N77-3450-3550	30	70	DFT-256QAM	М	1@1	18.59	16.51	30	PASS
N77-3450-3550	30	70	DFT-256QAM	М	1@187	18.68	16.60	30	PASS
N77-3450-3550	30	70	DFT-256QAM	М	180@0	18.82	16.74	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	Н	1@1	22.94	20.86	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	Н	1@187	22.73	20.65	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	Н	180@0	22.33	20.25	30	PASS
N77-3450-3550	30	70	DFT-QPSK	Н	1@1	23.06	20.98	30	PASS
N77-3450-3550	30	70	DFT-QPSK	Н	1@187	22.88	20.80	30	PASS
N77-3450-3550	30	70	DFT-QPSK	Н	180@0	21.80	19.72	30	PASS
N77-3450-3550	30	70	DFT-16QAM	Н	1@1	21.94	19.86	30	PASS
N77-3450-3550	30	70	DFT-16QAM	Н	1@187	21.62	19.54	30	PASS
N77-3450-3550	30	70	DFT-16QAM	Н	180@0	20.82	18.74	30	PASS



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N77-3450-3550 30 70 DFT-64QAM H 1@11 20.23 18.15 30 PASS N77-3450-3550 30 70 DFT-64QAM H 180@0 20.30 18.22 30 PASS N77-3450-3550 30 70 DFT-64QAM H 180@0 20.30 18.22 30 PASS N77-3450-3550 30 70 DFT-256QAM H 1@11 18.78 16.70 30 PASS N77-3450-3550 30 70 DFT-256QAM H 1@16 18.78 16.70 30 PASS N77-3450-3550 30 70 DFT-256QAM H 180@0 18.72 16.64 30 PASS N77-3450-3550 30 70 DFT-256QAM H 180@0 18.72 16.64 30 PASS N77-3450-3550 30 80 DFT-P12BPSK L 1@11 22.96 20.88 30 PASS N77-3450-3550 30 80 DFT-P12BPSK L 1@12 12.266 20.88 30 PASS N77-3450-3550 30 80 DFT-P12BPSK L 1@12 12.266 20.83 30 PASS N77-3450-3550 30 80 DFT-0PSK L 1@15 22.86 20.78 30 PASS N77-3450-3550 30 80 DFT-0PSK L 1@215 22.91 20.83 30 PASS N77-3450-3550 30 80 DFT-0PSK L 1@215 22.91 20.83 30 PASS N77-3450-3550 30 80 DFT-0PSK L 1@215 22.91 20.83 30 PASS N77-3450-3550 30 80 DFT-0PSK L 1@215 22.91 19.86 30 PASS N77-3450-3550 30 80 DFT-16QAM L 1@215 21.91 19.86 30 PASS N77-3450-3550 30 80 DFT-16QAM L 1@215 21.91 19.86 30 PASS N77-3450-3550 30 80 DFT-16QAM L 1@215 21.75 19.67 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 21.75 19.67 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 18.64 16.75 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@215 22.81 20.73 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@215 22.81 20.73 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@215 20.11 18.03 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@215 20.01 18.03 30 PASS N77-34	N== 0.4=0.0==0			DET 040444		101	00.00	10.45		D4.00
N77-3450-3550 30	N77-3450-3550	30	70	DFT-64QAM	Н	1@1	20.23	18.15	30	PASS
N77-3450-3550 30 70 DFT-256QAM H 1@1 18.78 16.70 30 PASS N77-3450-3550 30 70 DFT-256QAM H 1@187 18.56 16.48 30 PASS N77-3450-3550 30 70 DFT-256QAM H 180@0 18.72 16.64 30 PASS N77-3450-3550 30 80 DFT-P12BPSK L 1@12 22.96 20.88 30 PASS N77-3450-3550 30 80 DFT-P12BPSK L 216@0 22.43 20.35 30 PASS N77-3450-3550 30 80 DFT-QPSK L 1@1 23.10 21.02 30 PASS N77-3450-3550 30 80 DFT-QPSK L 1@215 22.91 20.83 30 PASS N77-3450-3550 30 80 DFT-GPSK L 216@0 21.91 19.83 30 PASS N77-3450-3550 30 <										-
N77-3450-3550 30 70 DFT-256QAM H 1@187 18.56 16.48 30 PASS N77-3450-3550 30 70 DFT-256QAM H 180@0 18.72 16.64 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK L 1@1 22.96 20.88 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK L 1@215 22.86 20.78 30 PASS N77-3450-3550 30 80 DFT-QPSK L 1@16 23.10 21.02 30 PASS N77-3450-3550 30 80 DFT-QPSK L 1@215 22.91 20.83 30 PASS N77-3450-3550 30 80 DFT-GPSK L 216@0 21.91 19.83 30 PASS N77-3450-3550 30 80 DFT-GPSK L 216@0 21.91 19.83 30 PASS N77-3450-3550 30 <						+				
N77-3450-3550 30 70 DFT-256QAM H 180@0 18.72 16.64 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK L 1@1 22.96 20.88 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK L 1@215 22.86 20.78 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK L 216@0 22.43 20.35 30 PASS N77-3450-3550 30 80 DFT-QPSK L 1@11 23.10 21.02 30 PASS N77-3450-3550 30 80 DFT-QPSK L 216@0 21.91 19.83 30 PASS N77-3450-3550 30 80 DFT-16QAM L 1@11 21.94 19.86 30 PASS N77-3450-3550 30 80 DFT-6QAM L 216@0 29.91 18.83 30 PASS N77-3450-3550 30	N77-3450-3550	30	70	DFT-256QAM	Н	1@1	18.78	16.70	30	PASS
N77-3450-3550 30 80 DFT-PI2BPSK L 1@1 22.96 20.88 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK L 1@215 22.86 20.78 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK L 1@11 23.10 21.02 30 PASS N77-3450-3550 30 80 DFT-QPSK L 1@215 22.91 20.83 30 PASS N77-3450-3550 30 80 DFT-QPSK L 216@0 21.91 19.83 30 PASS N77-3450-3550 30 80 DFT-16QAM L 1@1215 21.91 19.83 30 PASS N77-3450-3550 30 80 DFT-16QAM L 1@215 21.75 19.67 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.03 30 PASS N77-3450-3550 30	N77-3450-3550	30	70	DFT-256QAM	Н	1@187	18.56	16.48	30	PASS
N77-3450-3550 30 80 DFT-PI2BPSK L 1@215 22.86 20.78 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK L 216@0 22.43 20.35 30 PASS N77-3450-3550 30 80 DFT-QPSK L 1@11 23.10 21.02 30 PASS N77-3450-3550 30 80 DFT-QPSK L 11@215 22.91 20.83 30 PASS N77-3450-3550 30 80 DFT-16QAM L 11@1 21.91 19.83 30 PASS N77-3450-3550 30 80 DFT-16QAM L 11@215 21.75 19.67 30 PASS N77-3450-3550 30 80 DFT-6QAM L 11@215 21.75 19.67 30 PASS N77-3450-3550 30 80 DFT-64QAM L 11@215 20.14 18.06 30 PASS N77-3450-3550 30	N77-3450-3550	30	70	DFT-256QAM	Н	180@0	18.72	16.64	30	PASS
N77-3450-3550 30 80 DFT-PI2BPSK L 216@0 22.43 20.35 30 PASS N77-3450-3550 30 80 DFT-QPSK L 1@1 23.10 21.02 30 PASS N77-3450-3550 30 80 DFT-QPSK L 216@0 21.91 19.83 30 PASS N77-3450-3550 30 80 DFT-16QAM L 1@1 21.94 19.86 30 PASS N77-3450-3550 30 80 DFT-16QAM L 1@215 21.75 19.67 30 PASS N77-3450-3550 30 80 DFT-16QAM L 216@0 20.91 18.83 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.43 18.35 30 PASS N77-3450-3550 30	N77-3450-3550	30	80	DFT-PI2BPSK	L	1@1	22.96	20.88	30	PASS
N77-3450-3550 30 80 DFT-QPSK L 1@1 23.10 21.02 30 PASS N77-3450-3550 30 80 DFT-QPSK L 1@215 22.91 20.83 30 PASS N77-3450-3550 30 80 DFT-16QAM L 216@0 21.91 19.83 30 PASS N77-3450-3550 30 80 DFT-16QAM L 1@215 21.75 19.67 30 PASS N77-3450-3550 30 80 DFT-16QAM L 216@0 20.91 18.83 30 PASS N77-3450-3550 30 80 DFT-6QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-6QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 18.63 16.57 30 PASS N77-3450-3550 30 8	N77-3450-3550	30	80	DFT-PI2BPSK	L	1@215	22.86	20.78	30	PASS
N77-3450-3550 30 80 DFT-QPSK L 1@215 22.91 20.83 30 PASS N77-3450-3550 30 80 DFT-QPSK L 216@0 21.91 19.83 30 PASS N77-3450-3550 30 80 DFT-16QAM L 1@215 21.75 19.67 30 PASS N77-3450-3550 30 80 DFT-16QAM L 216@0 20.91 18.83 30 PASS N77-3450-3550 30 80 DFT-6QAM L 1@1 20.30 18.22 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 18.63 16.55 30 PASS N77-3450-3550 30	N77-3450-3550	30	80	DFT-PI2BPSK	L	216@0	22.43	20.35	30	PASS
N77-3450-3550 30 80 DFT-QPSK L 216@0 21.91 19.83 30 PASS N77-3450-3550 30 80 DFT-16QAM L 1@1 21.94 19.86 30 PASS N77-3450-3550 30 80 DFT-16QAM L 1@215 21.75 19.67 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@1 20.30 18.22 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@1 18.80 16.72 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 18.63 16.55 30 PASS N77-3450-3550 30 8	N77-3450-3550	30	80	DFT-QPSK	L	1@1	23.10	21.02	30	PASS
N77-3450-3550 30 80 DFT-16QAM L 1@1 21.94 19.86 30 PASS N77-3450-3550 30 80 DFT-16QAM L 1@215 21.75 19.67 30 PASS N77-3450-3550 30 80 DFT-6QAM L 216@0 20.91 18.83 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@11 20.30 18.22 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-64QAM L 216@0 20.43 18.35 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-P256QAM L 216@0 18.84 16.76 30 PASS N77-3450-3550 30 <	N77-3450-3550	30	80	DFT-QPSK	L	1@215	22.91	20.83	30	PASS
N77-3450-3550 30 80 DFT-16QAM L 1@215 21.75 19.67 30 PASS N77-3450-3550 30 80 DFT-16QAM L 216@0 20.91 18.83 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@1 20.30 18.22 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 18.63 16.52 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM L 216@0 18.84 16.76 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@1 12.73 10.65 30 PASS N77-3450-3550 30	N77-3450-3550	30	80	DFT-QPSK	L	216@0	21.91	19.83	30	PASS
N77-3450-3550 30 80 DFT-16QAM L 216@0 20.91 18.83 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@1 20.30 18.22 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-64QAM L 216@0 20.43 18.35 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@1 18.80 16.72 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-P12BPSK M 1@1 12.73 10.65 30 PASS N77-3450-3550 30 80 DFT-P12BPSK M 1@215 22.75 20.67 30 PASS N77-3450-3550 30	N77-3450-3550	30	80	DFT-16QAM	L	1@1	21.94	19.86	30	PASS
N77-3450-3550 30 80 DFT-64QAM L 1@1 20.30 18.22 30 PASS N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-64QAM L 216@0 20.43 18.35 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@1 18.80 16.72 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM L 216@0 18.84 16.76 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@1 12.73 10.65 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@215 22.37 20.29 30 PASS N77-3450-3550 30	N77-3450-3550	30	80	DFT-16QAM	L	1@215	21.75	19.67	30	PASS
N77-3450-3550 30 80 DFT-64QAM L 1@215 20.14 18.06 30 PASS N77-3450-3550 30 80 DFT-64QAM L 216@0 20.43 18.35 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@1 18.80 16.72 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM L 216@0 18.84 16.76 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@1 12.73 10.65 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@215 22.75 20.67 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@215 22.37 20.29 30 PASS N77-3450-3550 30	N77-3450-3550	30	80	DFT-16QAM	L	216@0	20.91	18.83	30	PASS
N77-3450-3550 30 80 DFT-64QAM L 216@0 20.43 18.35 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@1 18.80 16.72 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM L 216@0 18.84 16.76 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@1 12.73 10.65 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@215 22.75 20.67 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@215 22.37 20.29 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@215 22.81 20.73 30 PASS N77-3450-3550 30	N77-3450-3550	30	80	DFT-64QAM	L	1@1	20.30	18.22	30	PASS
N77-3450-3550 30 80 DFT-256QAM L 1@1 18.80 16.72 30 PASS N77-3450-3550 30 80 DFT-256QAM L 1@215 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM L 216@0 18.84 16.76 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@1 12.73 10.65 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@215 22.75 20.67 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 216@0 22.37 20.29 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@1 22.90 20.82 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@215 22.81 20.73 30 PASS N77-3450-3550 30	N77-3450-3550	30	80	DFT-64QAM	L	1@215	20.14	18.06	30	PASS
N77-3450-3550 30 80 DFT-256QAM L 1@215 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM L 216@0 18.84 16.76 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@1 12.73 10.65 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@215 22.75 20.67 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 216@0 22.37 20.29 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@215 22.81 20.73 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@215 22.81 20.73 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@215 21.86 19.78 30 PASS N77-3450-3550 30	N77-3450-3550	30	80	DFT-64QAM	L	216@0	20.43	18.35	30	PASS
N77-3450-3550 30 80 DFT-256QAM L 216@0 18.84 16.76 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@1 12.73 10.65 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@215 22.75 20.67 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 216@0 22.37 20.29 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@1 22.90 20.82 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@215 22.81 20.73 30 PASS N77-3450-3550 30 80 DFT-QPSK M 216@0 21.86 19.78 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@215 21.63 19.75 30 PASS N77-3450-3550 30	N77-3450-3550	30	80	DFT-256QAM	L	1@1	18.80	16.72	30	PASS
N77-3450-3550 30 80 DFT-PI2BPSK M 1@1 12.73 10.65 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 1@215 22.75 20.67 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 216@0 22.37 20.29 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@1 22.90 20.82 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@215 22.81 20.73 30 PASS N77-3450-3550 30 80 DFT-QPSK M 216@0 21.86 19.78 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@1 21.78 19.70 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@215 21.63 19.55 30 PASS N77-3450-3550 30 <td< td=""><td>N77-3450-3550</td><td>30</td><td>80</td><td>DFT-256QAM</td><td>L</td><td>1@215</td><td>18.63</td><td>16.55</td><td>30</td><td>PASS</td></td<>	N77-3450-3550	30	80	DFT-256QAM	L	1@215	18.63	16.55	30	PASS
N77-3450-3550 30 80 DFT-PI2BPSK M 1@215 22.75 20.67 30 PASS N77-3450-3550 30 80 DFT-PI2BPSK M 216@0 22.37 20.29 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@1 22.90 20.82 30 PASS N77-3450-3550 30 80 DFT-QPSK M 216@0 21.86 19.78 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@1 21.78 19.70 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@215 21.63 19.55 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@215 21.63 19.55 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@1 20.12 18.04 30 PASS N77-3450-3550 30	N77-3450-3550	30	80	DFT-256QAM	L	216@0	18.84	16.76	30	PASS
N77-3450-3550 30 80 DFT-PI2BPSK M 216@0 22.37 20.29 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@1 22.90 20.82 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@215 22.81 20.73 30 PASS N77-3450-3550 30 80 DFT-QPSK M 216@0 21.86 19.78 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@1 21.78 19.70 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@215 21.63 19.55 30 PASS N77-3450-3550 30 80 DFT-16QAM M 216@0 20.88 18.80 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@215 20.11 18.03 30 PASS N77-3450-3550 30 8	N77-3450-3550	30	80	DFT-PI2BPSK	М	1@1	12.73	10.65	30	PASS
N77-3450-3550 30 80 DFT-QPSK M 1@1 22.90 20.82 30 PASS N77-3450-3550 30 80 DFT-QPSK M 1@215 22.81 20.73 30 PASS N77-3450-3550 30 80 DFT-QPSK M 216@0 21.86 19.78 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@1 21.78 19.70 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@215 21.63 19.55 30 PASS N77-3450-3550 30 80 DFT-16QAM M 216@0 20.88 18.80 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@1 20.12 18.04 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@215 20.11 18.03 30 PASS N77-3450-3550 30 80 <td>N77-3450-3550</td> <td>30</td> <td>80</td> <td>DFT-PI2BPSK</td> <td>М</td> <td>1@215</td> <td>22.75</td> <td>20.67</td> <td>30</td> <td>PASS</td>	N77-3450-3550	30	80	DFT-PI2BPSK	М	1@215	22.75	20.67	30	PASS
N77-3450-3550 30 80 DFT-QPSK M 1@215 22.81 20.73 30 PASS N77-3450-3550 30 80 DFT-QPSK M 216@0 21.86 19.78 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@1 21.78 19.70 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@215 21.63 19.55 30 PASS N77-3450-3550 30 80 DFT-16QAM M 216@0 20.88 18.80 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@1 20.12 18.04 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@215 20.11 18.03 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@215 18.56 16.48 30 PASS N77-3450-3550 30 8	N77-3450-3550	30	80	DFT-PI2BPSK	М	216@0	22.37	20.29	30	PASS
N77-3450-3550 30 80 DFT-QPSK M 216@0 21.86 19.78 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@1 21.78 19.70 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@215 21.63 19.55 30 PASS N77-3450-3550 30 80 DFT-16QAM M 216@0 20.88 18.80 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@1 20.12 18.04 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@215 20.11 18.03 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@1 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@215 18.56 16.48 30 PASS	N77-3450-3550	30	80	DFT-QPSK	М	1@1	22.90	20.82	30	PASS
N77-3450-3550 30 80 DFT-16QAM M 1@1 21.78 19.70 30 PASS N77-3450-3550 30 80 DFT-16QAM M 1@215 21.63 19.55 30 PASS N77-3450-3550 30 80 DFT-16QAM M 216@0 20.88 18.80 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@1 20.12 18.04 30 PASS N77-3450-3550 30 80 DFT-64QAM M 216@0 20.43 18.35 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@1 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@215 18.56 16.48 30 PASS	N77-3450-3550	30	80	DFT-QPSK	М	1@215	22.81	20.73	30	PASS
N77-3450-3550 30 80 DFT-16QAM M 1@215 21.63 19.55 30 PASS N77-3450-3550 30 80 DFT-16QAM M 216@0 20.88 18.80 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@1 20.12 18.04 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@215 20.11 18.03 30 PASS N77-3450-3550 30 80 DFT-64QAM M 216@0 20.43 18.35 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@1 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@215 18.56 16.48 30 PASS	N77-3450-3550	30	80	DFT-QPSK	М	216@0	21.86	19.78	30	PASS
N77-3450-3550 30 80 DFT-16QAM M 216@0 20.88 18.80 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@1 20.12 18.04 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@215 20.11 18.03 30 PASS N77-3450-3550 30 80 DFT-64QAM M 216@0 20.43 18.35 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@1 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@215 18.56 16.48 30 PASS	N77-3450-3550	30	80	DFT-16QAM	М	1@1	21.78	19.70	30	PASS
N77-3450-3550 30 80 DFT-64QAM M 1@1 20.12 18.04 30 PASS N77-3450-3550 30 80 DFT-64QAM M 1@215 20.11 18.03 30 PASS N77-3450-3550 30 80 DFT-64QAM M 216@0 20.43 18.35 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@1 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@215 18.56 16.48 30 PASS	N77-3450-3550	30	80	DFT-16QAM	М	1@215	21.63	19.55	30	PASS
N77-3450-3550 30 80 DFT-64QAM M 1@215 20.11 18.03 30 PASS N77-3450-3550 30 80 DFT-64QAM M 216@0 20.43 18.35 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@1 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@215 18.56 16.48 30 PASS	N77-3450-3550	30	80	DFT-16QAM	М	216@0	20.88	18.80	30	PASS
N77-3450-3550 30 80 DFT-64QAM M 216@0 20.43 18.35 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@1 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@215 18.56 16.48 30 PASS	N77-3450-3550	30	80	DFT-64QAM	М	1@1	20.12	18.04	30	PASS
N77-3450-3550 30 80 DFT-256QAM M 1@1 18.63 16.55 30 PASS N77-3450-3550 30 80 DFT-256QAM M 1@215 18.56 16.48 30 PASS	N77-3450-3550	30	80	DFT-64QAM	М	1@215	20.11	18.03	30	PASS
N77-3450-3550 30 80 DFT-256QAM M 1@215 18.56 16.48 30 PASS	N77-3450-3550	30	80	DFT-64QAM	М	216@0	20.43	18.35	30	PASS
	N77-3450-3550	30	80	DFT-256QAM	М	1@1	18.63	16.55	30	PASS
N77-3450-3550 30 80 DFT-256QAM M 216@0 18.80 16.72 30 PASS	N77-3450-3550	30	80	DFT-256QAM	М	1@215	18.56	16.48	30	PASS
	N77-3450-3550	30	80	DFT-256QAM	М	216@0	18.80	16.72	30	PASS



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N77-3450-3550 30 90 DFT-QPSK M 1@243 22.81 20.73 30 PASS	N77-3450-3550	30	90	DFT-QPSK	М	1@1	22.97	20.89	30	PASS
	N77-3450-3550	30	90	DFT-QPSK	М	1@243	22.81		30	
	N77-3450-3550	30	90	DFT-QPSK	М	240@0		19.81	30	PASS



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N77-3450-3550 30 90 DFT-16QAM H 1@243 21.50 19.42 30 PASS N77-3450-3550 30 90 DFT-16QAM H 240@0 20.92 18.84 30 PASS N77-3450-3550 30 90 DFT-64QAM H 1@1 20.21 18.13 30 PASS N77-3450-3550 30 90 DFT-64QAM H 1@243 19.89 17.81 30 PASS N77-3450-3550 30 90 DFT-64QAM H 240@0 20.43 18.35 30 PASS N77-3450-3550 30 90 DFT-256QAM H 1@1 18.72 16.64 30 PASS N77-3450-3550 30 90 DFT-256QAM H 1@243 18.44 16.36 30 PASS N77-3450-3550 30 90 DFT-P12BPSK M 1@1 23.00 20.92 30 PASS N77-3450-3550 30 <t< td=""><td>N77-3450-3550</td><td>30</td><td>90</td><td>DFT-QPSK</td><td>Н</td><td>240@0</td><td>21.90</td><td>19.82</td><td>30</td><td>PASS</td></t<>	N77-3450-3550	30	90	DFT-QPSK	Н	240@0	21.90	19.82	30	PASS
N77-3450-3550 30 90 DFT-16QAM H 240@0 20.92 18.84 30 PASS N77-3450-3550 30 90 DFT-64QAM H 1@1 20.21 18.13 30 PASS N77-3450-3550 30 90 DFT-64QAM H 1@243 19.89 17.81 30 PASS N77-3450-3550 30 90 DFT-64QAM H 240@0 20.43 18.35 30 PASS N77-3450-3550 30 90 DFT-256QAM H 1@1 18.72 16.64 30 PASS N77-3450-3550 30 90 DFT-256QAM H 1@243 18.44 16.36 30 PASS N77-3450-3550 30 90 DFT-P12BPSK M 1@1 23.00 20.92 30 PASS N77-3450-3550 30 100 DFT-P12BPSK M 1@271 22.80 20.72 30 PASS N77-3450-3550 30	N77-3450-3550	30	90	DFT-16QAM	Н	1@1	21.82	19.74	30	PASS
N77-3450-3550 30 90 DFT-64QAM H 1@1 20.21 18.13 30 PASS N77-3450-3550 30 90 DFT-64QAM H 1@243 19.89 17.81 30 PASS N77-3450-3550 30 90 DFT-64QAM H 240@0 20.43 18.35 30 PASS N77-3450-3550 30 90 DFT-256QAM H 1@1 18.72 16.64 30 PASS N77-3450-3550 30 90 DFT-256QAM H 1@243 18.44 16.36 30 PASS N77-3450-3550 30 90 DFT-256QAM H 240@0 18.81 16.73 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 1@1 23.00 20.92 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 1@271 22.80 20.72 30 PASS N77-3450-3550 30	N77-3450-3550	30	90	DFT-16QAM	Н	1@243	21.50	19.42	30	PASS
N77-3450-3550 30 90 DFT-64QAM H 1@243 19.89 17.81 30 PASS N77-3450-3550 30 90 DFT-64QAM H 240@0 20.43 18.35 30 PASS N77-3450-3550 30 90 DFT-256QAM H 1@1 18.72 16.64 30 PASS N77-3450-3550 30 90 DFT-256QAM H 1@243 18.44 16.36 30 PASS N77-3450-3550 30 90 DFT-256QAM H 240@0 18.81 16.73 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 1@1 23.00 20.92 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 1@271 22.80 20.72 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@271 22.89 20.81 30 PASS N77-3450-3550 30	N77-3450-3550	30	90	DFT-16QAM	Н	240@0	20.92	18.84	30	PASS
N77-3450-3550 30 90 DFT-64QAM H 240@0 20.43 18.35 30 PASS N77-3450-3550 30 90 DFT-256QAM H 1@1 18.72 16.64 30 PASS N77-3450-3550 30 90 DFT-256QAM H 1@243 18.44 16.36 30 PASS N77-3450-3550 30 90 DFT-256QAM H 240@0 18.81 16.73 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 1@1 23.00 20.92 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 1@271 22.80 20.72 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 270@0 22.45 20.37 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@271 22.89 20.81 30 PASS N77-3450-3550 30	N77-3450-3550	30	90	DFT-64QAM	Н	1@1	20.21	18.13	30	PASS
N77-3450-3550 30 90 DFT-256QAM H 1@1 18.72 16.64 30 PASS N77-3450-3550 30 90 DFT-256QAM H 1@243 18.44 16.36 30 PASS N77-3450-3550 30 90 DFT-256QAM H 240@0 18.81 16.73 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 1@1 23.00 20.92 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 1@271 22.80 20.72 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 270@0 22.45 20.37 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@1 23.14 21.06 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@271 22.89 20.81 30 PASS N77-3450-3550 30	N77-3450-3550	30	90	DFT-64QAM	Н	1@243	19.89	17.81	30	PASS
N77-3450-3550 30 90 DFT-256QAM H 1@243 18.44 16.36 30 PASS N77-3450-3550 30 90 DFT-256QAM H 240@0 18.81 16.73 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 1@1 23.00 20.92 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 270@0 22.45 20.37 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 270@0 22.45 20.37 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@1 23.14 21.06 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@271 22.89 20.81 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@1 22.01 19.93 30 PASS N77-3450-3550 30	N77-3450-3550	30	90	DFT-64QAM	Н	240@0	20.43	18.35	30	PASS
N77-3450-3550 30 90 DFT-256QAM H 240@0 18.81 16.73 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 1@1 23.00 20.92 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 1@271 22.80 20.72 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 270@0 22.45 20.37 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@1 23.14 21.06 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@271 22.89 20.81 30 PASS N77-3450-3550 30 100 DFT-PI2PSK M 270@0 21.91 19.83 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@1 22.01 19.93 30 PASS N77-3450-3550 30	N77-3450-3550	30	90	DFT-256QAM	Н	1@1	18.72	16.64	30	PASS
N77-3450-3550 30 100 DFT-PI2BPSK M 1@1 23.00 20.92 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 1@271 22.80 20.72 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 270@0 22.45 20.37 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@1 23.14 21.06 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@271 22.89 20.81 30 PASS N77-3450-3550 30 100 DFT-QPSK M 270@0 21.91 19.83 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@1 22.01 19.93 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@271 21.73 19.65 30 PASS N77-3450-3550 30	N77-3450-3550	30	90	DFT-256QAM	Н	1@243	18.44	16.36	30	PASS
N77-3450-3550 30 100 DFT-PI2BPSK M 1@271 22.80 20.72 30 PASS N77-3450-3550 30 100 DFT-PI2BPSK M 270@0 22.45 20.37 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@1 23.14 21.06 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@271 22.89 20.81 30 PASS N77-3450-3550 30 100 DFT-QPSK M 270@0 21.91 19.83 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@1 22.01 19.93 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@271 21.73 19.65 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@1 20.37 18.29 30 PASS N77-3450-3550 30	N77-3450-3550	30	90	DFT-256QAM	Η	240@0	18.81	16.73	30	PASS
N77-3450-3550 30 100 DFT-PI2BPSK M 270@0 22.45 20.37 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@1 23.14 21.06 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@271 22.89 20.81 30 PASS N77-3450-3550 30 100 DFT-QPSK M 270@0 21.91 19.83 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@1 22.01 19.93 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@271 21.73 19.65 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@1 20.37 18.29 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@271 20.07 17.99 30 PASS	N77-3450-3550	30	100	DFT-PI2BPSK	М	1@1	23.00	20.92	30	PASS
N77-3450-3550 30 100 DFT-QPSK M 1@1 23.14 21.06 30 PASS N77-3450-3550 30 100 DFT-QPSK M 1@271 22.89 20.81 30 PASS N77-3450-3550 30 100 DFT-QPSK M 270@0 21.91 19.83 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@1 22.01 19.93 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@271 21.73 19.65 30 PASS N77-3450-3550 30 100 DFT-16QAM M 270@0 20.89 18.81 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@1 20.37 18.29 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@271 20.07 17.99 30 PASS	N77-3450-3550	30	100	DFT-PI2BPSK	М	1@271	22.80	20.72	30	PASS
N77-3450-3550 30 100 DFT-QPSK M 1@271 22.89 20.81 30 PASS N77-3450-3550 30 100 DFT-QPSK M 270@0 21.91 19.83 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@1 22.01 19.93 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@271 21.73 19.65 30 PASS N77-3450-3550 30 100 DFT-16QAM M 270@0 20.89 18.81 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@1 20.37 18.29 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@271 20.07 17.99 30 PASS	N77-3450-3550	30	100	DFT-PI2BPSK	М	270@0	22.45	20.37	30	PASS
N77-3450-3550 30 100 DFT-QPSK M 270@0 21.91 19.83 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@1 22.01 19.93 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@271 21.73 19.65 30 PASS N77-3450-3550 30 100 DFT-16QAM M 270@0 20.89 18.81 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@1 20.37 18.29 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@271 20.07 17.99 30 PASS	N77-3450-3550	30	100	DFT-QPSK	М	1@1	23.14	21.06	30	PASS
N77-3450-3550 30 100 DFT-16QAM M 1@1 22.01 19.93 30 PASS N77-3450-3550 30 100 DFT-16QAM M 1@271 21.73 19.65 30 PASS N77-3450-3550 30 100 DFT-16QAM M 270@0 20.89 18.81 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@1 20.37 18.29 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@271 20.07 17.99 30 PASS	N77-3450-3550	30	100	DFT-QPSK	М	1@271	22.89	20.81	30	PASS
N77-3450-3550 30 100 DFT-16QAM M 1@271 21.73 19.65 30 PASS N77-3450-3550 30 100 DFT-16QAM M 270@0 20.89 18.81 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@1 20.37 18.29 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@271 20.07 17.99 30 PASS	N77-3450-3550	30	100	DFT-QPSK	М	270@0	21.91	19.83	30	PASS
N77-3450-3550 30 100 DFT-16QAM M 270@0 20.89 18.81 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@1 20.37 18.29 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@271 20.07 17.99 30 PASS	N77-3450-3550	30	100	DFT-16QAM	М	1@1	22.01	19.93	30	PASS
N77-3450-3550 30 100 DFT-64QAM M 1@1 20.37 18.29 30 PASS N77-3450-3550 30 100 DFT-64QAM M 1@271 20.07 17.99 30 PASS	N77-3450-3550	30	100	DFT-16QAM	М	1@271	21.73	19.65	30	PASS
N77-3450-3550 30 100 DFT-64QAM M 1@271 20.07 17.99 30 PASS	N77-3450-3550	30	100	DFT-16QAM	М	270@0	20.89	18.81	30	PASS
	N77-3450-3550	30	100	DFT-64QAM	М	1@1	20.37	18.29	30	PASS
N77-3450-3550 30 100 DFT-64QAM M 270@0 20.37 18.29 30 PASS	N77-3450-3550	30	100	DFT-64QAM	М	1@271	20.07	17.99	30	PASS
	N77-3450-3550	30	100	DFT-64QAM	М	270@0	20.37	18.29	30	PASS



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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N77-3450-3550	30	100	DFT-256QAM	М	1@1	18.85	16.77	30	PASS
N77-3450-3550	30	100	DFT-256QAM	М	1@271	18.56	16.48	30	PASS
N77-3450-3550	30	100	DFT-256QAM	М	270@0	18.83	16.75	30	PASS



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Field Strength of Spurious Radiation

Test Band = n77 3450-3550 ANT13_ TM1 Test Channel = mid

Final Data List										
NO.	Frequency	Reading	AF	Factor	Level	Limit	Margin	Dolority		
NO.	[MHz]	[dBµV]	[dB/m]	[dB]	[dBm]	[dBm]	[dB]	Polarity		
1	6910.0000	43.94	35.59	-45.96	-61.69	-13.00	48.69	Horizontal		
2	10365.0000	38.57	38.84	-40.40	-58.25	-13.00	45.25	Horizontal		
3	13820.0000	36.01	41.18	-38.03	-56.10	-13.00	43.10	Horizontal		
4	17275.0000	34.32	43.06	-36.69	-54.57	-13.00	41.57	Horizontal		

Final	Final Data List										
NO.	Frequency	Reading	AF	Factor	Level	Limit	Margin	Dolority			
NO.	[MHz]	[dBµV]	[dB/m]	[dB]	[dBm]	[dBm]	[dB]	Polarity			
1	6910.0000	43.91	35.59	-45.96	-61.72	-13.00	48.72	Vertical			
2	7807.6154	43.40	36.28	-44.08	-59.66	-13.00	46.66	Vertical			
3	9349.2675	40.87	36.90	-42.02	-59.51	-13.00	46.51	Vertical			
4	10365.0000	38.88	38.84	-40.40	-57.94	-13.00	44.94	Vertical			
5	13820.0000	36.64	41.18	-38.03	-55.47	-13.00	42.47	Vertical			
6	17275.0000	34.10	43.06	-36.69	-54.79	-13.00	41.79	Vertical			



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Test Band = DC_7A_n77A 3450-3550_ TM1 Test Channel = mid

Final	l Data List							
NO.	Frequency	Reading	AF	Factor	Level	Limit	Margin	Polarity
NO.	[MHz]	[dBµV]	[dB/m]	[dB]	[dBm]	[dBm]	[dB]	Polatily
1	6910.0000	42.96	35.59	-45.96	-62.67	-13.00	49.67	Horizontal
2	7598.3049	45.12	36.36	-44.31	-58.09	-13.00	45.09	Horizontal
3	9447.0224	40.60	37.13	-41.77	-59.30	-13.00	46.30	Horizontal
4	10365.0000	38.19	38.84	-40.40	-58.63	-13.00	45.63	Horizontal
5	13820.0000	35.87	41.18	-38.03	-56.24	-13.00	43.24	Horizontal
6	17275.0000	33.22	43.06	-36.69	-55.67	-13.00	42.67	Horizontal

Final	Final Data List										
NO.	Frequency	Reading	AF	Factor	Level	Limit	Margin	Polarity			
NO.	[MHz]	[dBµV]	[dB/m]	[dB]	[dBm]	[dBm]	[dB]	Polarity			
1	6910.0000	43.47	35.59	-45.96	-62.16	-13.00	49.16	Vertical			
2	7598.3049	46.40	36.36	-44.31	-56.81	-13.00	43.81	Vertical			
3	9263.5882	40.83	36.71	-42.30	-60.02	-13.00	47.02	Vertical			
4	10365.0000	38.10	38.84	-40.40	-58.72	-13.00	45.72	Vertical			
5	13820.0000	35.68	41.18	-38.03	-56.43	-13.00	43.43	Vertical			
6	17275.0000	33.08	43.06	-36.69	-55.81	-13.00	42.81	Vertical			

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---



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邮编: 518057

sgs.china@sgs.com

t (86-755) 26012053