

# Appendix



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## Effective (Isotropic) Radiated Power Output Data for SA

### Test Result

#### N77-3450-3550

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N77-3450-3550	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	26.55	23.55	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	26.43	23.43	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Outer_Full	25.42	22.42	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Left	26.58	23.58	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Right	26.44	23.44	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	25.49	22.49	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Left	25.98	22.98	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Right	25.79	22.79	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Outer_Full	24.51	21.51	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Left	23.58	20.58	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Right	23.44	20.44	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Outer_Full	23.94	20.94	30	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Left	22.11	19.11	30	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Right	21.99	18.99	30	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Outer_Full	22.02	19.02	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	25.53	22.53	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	25.73	22.73	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	24.7	21.7	30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Left	21.01	18.01	30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Right	26	23	30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	24.7	21.7	30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Left	24.98	21.98	30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Right	25.3	22.3	30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	23.65	20.65	30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Left	22.37	19.37	30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Right	22.5	19.5	30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Outer_Full	23.19	20.19	30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Left	21.2	18.2	30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Right	21.45	18.45	30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Outer_Full	21.25	18.25	30	PASS



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Table with 10 columns: Test ID, Sample No., Lot No., Modulation, Bandwidth, Modulation Error Rate (MER), Error Rate, Pass/Fail, etc. Rows include various modulation types like DFT-PI2BPSK, DFT-QPSK, DFT-16QAM, DFT-64QAM, and DFT-256QAM.



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N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Right	25.39	22.39	30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	24.31	21.31	30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Left	23.7	20.7	30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Right	23.8	20.8	30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	23.79	20.79	30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Left	22.23	19.23	30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Right	22.32	19.32	30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Outer_Full	21.85	18.85	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.23	23.23	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	26.98	23.98	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Outer_Full	25.6	22.6	30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Left	26.34	23.34	30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Right	26.89	23.89	30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	25.52	22.52	30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Left	25.27	22.27	30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Right	26.15	23.15	30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Outer_Full	24.54	21.54	30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Left	23.54	20.54	30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Right	24.36	21.36	30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Outer_Full	24.05	21.05	30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Left	22.05	19.05	30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Right	22.92	19.92	30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Outer_Full	22.16	19.16	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	26.11	23.11	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	25.23	22.23	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	24.92	21.92	30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Left	26.29	23.29	30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Right	25.23	22.23	30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	24.92	21.92	30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Left	25.15	22.15	30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Right	24.1	21.1	30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Outer_Full	23.96	20.96	30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Left	23.44	20.44	30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Right	22.43	19.43	30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Outer_Full	23.35	20.35	30	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Left	22.03	19.03	30	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Right	20.93	17.93	30	PASS



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Table with 11 columns: Test ID, Sample No., Lot No., Modulation, Constellation, Measurement Point, SNR, C/N, BER, and Result. Rows include various modulation schemes like DFT-256QAM, DFT-PI2BPSK, DFT-QPSK, and DFT-16QAM.



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Table with 11 columns: Test ID, Sample No., Lot No., Modulation, Bandwidth, Modulation, SNR, BER, BER, BER, Result. Rows include various DFT and DFT-PI2BPSK tests with results like PASS.



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Table with 11 columns: Test ID, Sample No., Lot No., Modulation, Bandwidth, Test Method, Mean, Std Dev, Pass/Fail, and Result. It contains 40 rows of test data for various modulation schemes like DFT-256QAM, DFT-PI2BPSK, DFT-QPSK, and DFT-16QAM.



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Table with 10 columns: Test ID, Sample No., Lot No., Modulation, Bandwidth, Modulation, SNR, BER, BER, BER, Result. Rows include various modulation schemes like DFT-QPSK, DFT-16QAM, DFT-64QAM, DFT-256QAM, and DFT-PI2BPSK.



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Table with 10 columns: Test ID, Sample No., Lot No., Modulation, Coding Rate, Constellation, SNR, BER, Error Type, Result. Rows include various modulation schemes like DFT-256QAM, DFT-PI2BPSK, DFT-QPSK, and DFT-16QAM.



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N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Right	26.66	23.66	30	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	24.94	21.94	30	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Left	25.54	22.54	30	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Right	25.86	22.86	30	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	23.85	20.85	30	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Left	23.19	20.19	30	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Right	23.5	20.5	30	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	23.38	20.38	30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Left	21.75	18.75	30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Right	22.13	19.13	30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	21.5	18.5	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	26.09	23.09	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.39	23.39	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	H	Outer_Full	24.89	21.89	30	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Left	26.16	23.16	30	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Right	26.68	23.68	30	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Outer_Full	24.86	21.86	30	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Left	25.56	22.56	30	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Right	25.97	22.97	30	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Outer_Full	23.87	20.87	30	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Left	23.17	20.17	30	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Right	23.55	20.55	30	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Outer_Full	23.44	20.44	30	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Left	21.74	18.74	30	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Right	22.17	19.17	30	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Outer_Full	21.48	18.48	30	PASS



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N77-3700-3980

Table with 10 columns: Band, SCS, Bandwidth, Modulation, Channel, RB Config, Power (dBm), EIRP (dBm), Limit (dBm), Verdict. It contains 40 rows of test results for N77-3700-3980, all showing 'PASS'.



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N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Left	26.94	23.94	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Right	26.95	23.95	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	25.7	22.7	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Left	26.22	23.22	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Right	26.3	23.3	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	24.6	21.6	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Left	23.3	20.3	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Right	23.04	20.04	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	24.26	21.26	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Left	22.13	19.13	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Right	22.26	19.26	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	22.12	19.12	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	27	24	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	26.97	23.97	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	26.21	23.21	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Left	26.89	23.89	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Right	22.53	19.53	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	26.26	23.26	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Left	26.17	23.17	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Right	26.01	23.01	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	25.32	22.32	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Left	24.5	21.5	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Right	24.33	21.33	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	24.78	21.78	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Left	22.83	19.83	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Right	22.6	19.6	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	22.67	19.67	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	26.89	23.89	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	26.84	23.84	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	27	24	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Left	26.99	23.99	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Right	26.83	23.83	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	26.78	23.78	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Left	26.69	23.69	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Right	26.73	23.73	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	26.14	23.14	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Left	25.97	22.97	30	PASS



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Table with 10 columns: Test ID, Sample No., Lot No., Modulation, Mode, Direction, SNR, BER, Pass/Fail, and Result. Contains 40 rows of test data for various modulation schemes like DFT-64QAM, DFT-256QAM, DFT-PI2BPSK, and DFT-QPSK.



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Table with 10 columns: Test ID, Parameter 1, Parameter 2, Modulation, Mode, Location, Value 1, Value 2, Value 3, Result. Rows include various DFT modulation tests (PI2BPSK, QPSK, 16QAM, 64QAM, 256QAM) across different locations (Inner\_1RB\_Left, Inner\_1RB\_Right, Outer\_Full) and modes (M, H, L).



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Table with 10 columns: ID, Parameter 1, Parameter 2, Modulation, Direction, Position, Value 1, Value 2, Count, Result. Rows include various modulation types like DFT-64QAM, DFT-256QAM, DFT-PI2BPSK, and DFT-QPSK.



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Table with 10 columns: Test ID, Sample No., Lot No., Modulation, Polarization, Position, Value 1, Value 2, Sample Size, Result. Contains 40 rows of test data.



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Table with 10 columns: Item ID, Sample No., Test No., Test Method, Modulation, Test Position, Result 1, Result 2, Sample Size, and Status. All results are PASS.



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Table with 10 columns: Test ID, Sample No., Lot No., Modulation, Error Rate, Test Method, Result 1, Result 2, Sample Size, Status. Contains 40 rows of test data.



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N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Right	25.99	22.99	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	25.27	22.27	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Left	24.23	21.23	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Right	24.33	21.33	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	24.85	21.85	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Left	22.2	19.2	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Right	22.38	19.38	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	22.8	19.8	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	25.99	22.99	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.58	23.58	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	26.42	23.42	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Left	26.09	23.09	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Right	26.75	23.75	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	26.33	23.33	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Left	26.1	23.1	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Right	26.73	23.73	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	25.36	22.36	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Left	24.33	21.33	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Right	25.01	22.01	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	24.88	21.88	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Left	22.45	19.45	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Right	23.09	20.09	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	22.84	19.84	30	PASS



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## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Duty Cycle	Factor	Result	Limit	Verdict
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	19.4%	7.12	1.42	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	19.4%	7.12	1.46	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	19.4%	7.12	1.27	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	19.4%	7.12	1.02	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	19.4%	7.12	1.11	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	19.4%	7.12	1.39	≤13	PASS



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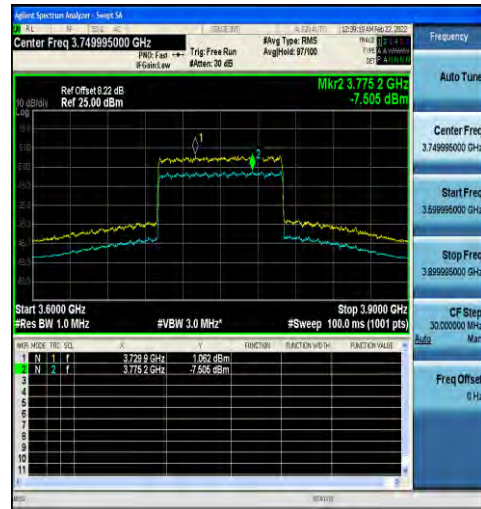
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Test Graphs



1-N77-3700-3980-30-100-L-1-DFT-256QAM-Outer\_Full-270@0-Ant1-8.54-19.4%-7.12-1.42-PASS-≤13



1-N77-3700-3980-30-100-L-2-CP-256QAM-Outer\_Full-273@0-Ant1-8.58-19.4%-7.12-1.46-PASS-≤13



1-N77-3700-3980-30-100-M-1-DFT-256QAM-Outer\_Full-270@0-Ant1-8.39-19.4%-7.12-1.27-PASS-≤13



1-N77-3700-3980-30-100-M-2-CP-256QAM-Outer\_Full-273@0-Ant1-8.14-19.4%-7.12-1.02-PASS-≤13



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1-N77-3700-3980-30-100-H-1-DFT-256QAM-Outer\_Full-270@0-Ant1-8.23-19.4%-7.12-1.11-PASS-≤13

1-N77-3700-3980-30-100-H-2-CP-256QAM-Outer\_Full-273@0-Ant1-8.51-19.4%-7.12-1.39-PASS-≤13



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## Modulation characteristics for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	see graph	PASS



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Test Graphs

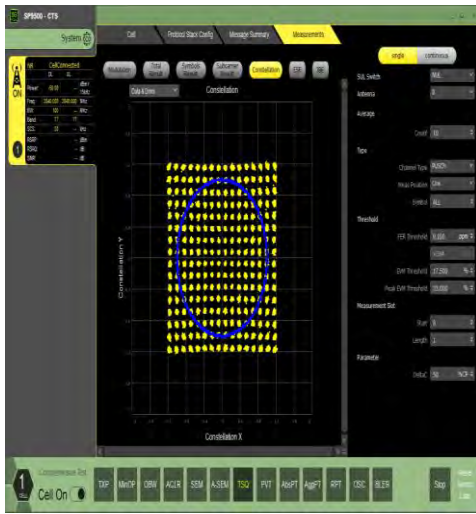
<p>1-N77-3700-3980-30-100-M-1-DFT-PI2BPSK-Outer_Full-270@0-Ant1-see graph-PASS</p>	<p>1-N77-3700-3980-30-100-M-2-DFT-QPSK-Outer_Full-270@0-Ant1-see graph-PASS</p>
<p>1-N77-3700-3980-30-100-M-3-DFT-16QAM-Outer_Full-270@0-Ant1-see graph-PASS</p>	<p>1-N77-3700-3980-30-100-M-4-DFT-64QAM-Outer_Full-270@0-Ant1-see graph-PASS</p>



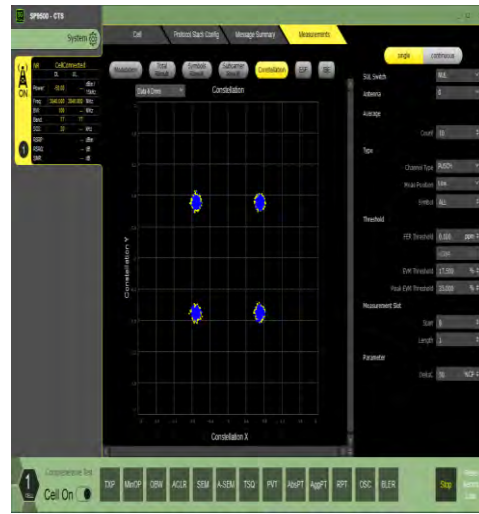
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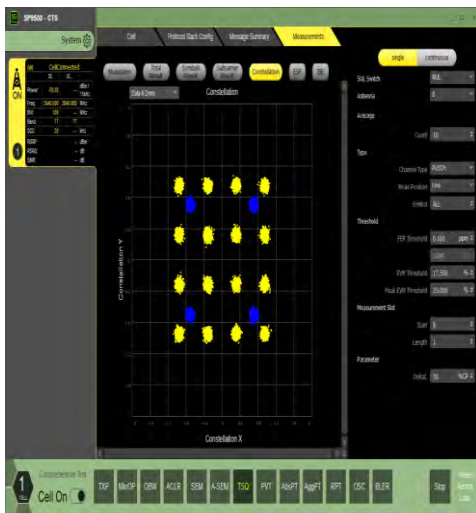




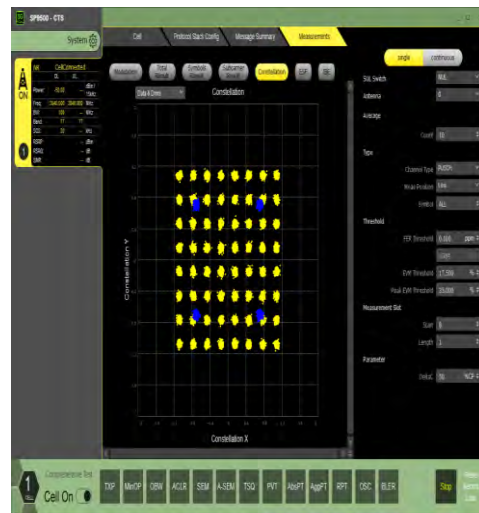
1-N77-3700-3980-30-100-M-5-DFT-256QAM-Outer\_Full-270@0-Ant1-see graph-PASS



1-N77-3700-3980-30-100-M-6-CP-QPSK-Outer\_Full-273@0-Ant1-see graph-PASS



1-N77-3700-3980-30-100-M-7-CP-16QAM-Outer\_Full-273@0-Ant1-see graph-PASS

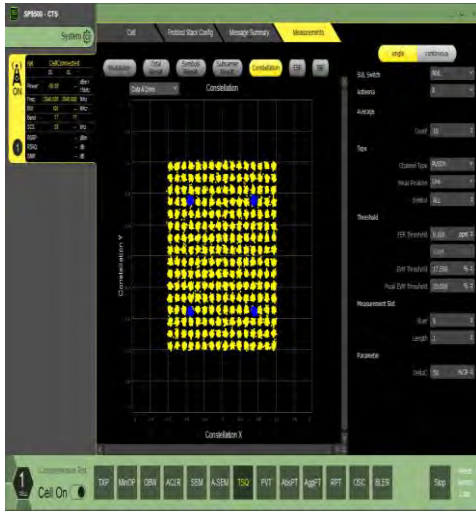


1-N77-3700-3980-30-100-M-8-CP-64QAM-Outer\_Full-273@0-Ant1-see graph-PASS



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1-N77-3700-3980-30-100-M-9-CP-256QAM-Outer\_F  
ull-273@0-Ant1-see graph-PASS



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## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	17.829	19.11	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	17.805	18.95	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	17.854	19.06	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	17.834	18.76	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	17.827	19.02	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	18.211	19.60	PASS
N77-3700-3980	30	20	CP-16QAM	L	Outer_Full	18.213	19.44	PASS
N77-3700-3980	30	20	CP-64QAM	L	Outer_Full	18.247	19.54	PASS
N77-3700-3980	30	20	CP-256QAM	L	Outer_Full	18.159	19.39	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.829	18.86	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.831	19.12	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	17.867	19.10	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	17.846	19.00	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.823	18.92	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.218	19.70	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.246	19.53	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	18.247	19.49	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	18.149	19.38	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	17.847	18.95	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	17.821	19.00	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	17.861	19.14	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	17.847	18.93	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	17.820	18.97	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	18.227	19.35	PASS
N77-3700-3980	30	20	CP-16QAM	H	Outer_Full	18.208	19.46	PASS
N77-3700-3980	30	20	CP-64QAM	H	Outer_Full	18.248	19.64	PASS
N77-3700-3980	30	20	CP-256QAM	H	Outer_Full	18.170	19.57	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	35.703	37.44	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	35.718	37.52	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	35.742	37.35	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	35.685	37.35	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	35.656	37.25	PASS



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N77-3700-3980	30	40	CP-QPSK	L	Outer_Full	37.785	39.49	PASS
N77-3700-3980	30	40	CP-16QAM	L	Outer_Full	37.789	39.49	PASS
N77-3700-3980	30	40	CP-64QAM	L	Outer_Full	37.763	39.57	PASS
N77-3700-3980	30	40	CP-256QAM	L	Outer_Full	37.808	39.51	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	35.711	37.34	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.685	37.43	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	35.718	37.36	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	35.721	37.41	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.662	37.44	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	37.789	39.49	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	37.813	39.52	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	37.743	39.63	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	37.755	39.38	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	35.707	37.33	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	35.707	37.35	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	35.690	37.32	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	35.711	37.40	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	35.684	37.39	PASS
N77-3700-3980	30	40	CP-QPSK	H	Outer_Full	37.762	39.62	PASS
N77-3700-3980	30	40	CP-16QAM	H	Outer_Full	37.800	39.55	PASS
N77-3700-3980	30	40	CP-64QAM	H	Outer_Full	37.754	39.58	PASS
N77-3700-3980	30	40	CP-256QAM	H	Outer_Full	37.829	39.52	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	45.641	47.59	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	45.690	47.67	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	45.641	47.54	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	45.650	47.46	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	45.746	47.59	PASS
N77-3700-3980	30	50	CP-QPSK	L	Outer_Full	47.441	49.41	PASS
N77-3700-3980	30	50	CP-16QAM	L	Outer_Full	47.458	49.45	PASS
N77-3700-3980	30	50	CP-64QAM	L	Outer_Full	47.393	49.43	PASS
N77-3700-3980	30	50	CP-256QAM	L	Outer_Full	47.417	49.45	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.626	47.73	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.685	47.61	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.680	47.53	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.692	47.62	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.718	47.69	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	47.457	49.49	PASS



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N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	47.494	49.55	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	47.414	49.33	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	47.400	49.44	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	45.697	47.60	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	45.699	47.56	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	45.695	47.48	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	45.668	47.47	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	45.760	47.54	PASS
N77-3700-3980	30	50	CP-QPSK	H	Outer_Full	47.423	49.49	PASS
N77-3700-3980	30	50	CP-16QAM	H	Outer_Full	47.477	49.40	PASS
N77-3700-3980	30	50	CP-64QAM	H	Outer_Full	47.405	49.45	PASS
N77-3700-3980	30	50	CP-256QAM	H	Outer_Full	47.404	49.42	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	57.819	60.16	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	57.673	60.16	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	57.857	60.10	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	57.805	60.12	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	57.710	60.05	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	57.762	60.07	PASS
N77-3700-3980	30	60	CP-16QAM	L	Outer_Full	57.769	60.15	PASS
N77-3700-3980	30	60	CP-64QAM	L	Outer_Full	57.848	60.04	PASS
N77-3700-3980	30	60	CP-256QAM	L	Outer_Full	57.744	60.10	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	57.645	60.14	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.667	60.08	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	57.827	60.15	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	57.781	60.09	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	57.714	60.05	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	57.748	60.09	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	57.746	59.91	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	57.843	59.97	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	57.705	60.07	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	57.691	60.11	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	57.663	60.23	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	57.840	60.22	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	57.810	60.17	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	57.688	60.07	PASS
N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	57.739	60.07	PASS
N77-3700-3980	30	60	CP-16QAM	H	Outer_Full	57.689	60.13	PASS



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N77-3700-3980	30	60	CP-64QAM	H	Outer_Full	57.819	59.81	PASS
N77-3700-3980	30	60	CP-256QAM	H	Outer_Full	57.741	60.06	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	77.081	79.79	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	77.233	80.06	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	77.243	79.89	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	76.987	79.99	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	77.008	79.81	PASS
N77-3700-3980	30	80	CP-QPSK	L	Outer_Full	77.331	80.22	PASS
N77-3700-3980	30	80	CP-16QAM	L	Outer_Full	77.362	80.21	PASS
N77-3700-3980	30	80	CP-64QAM	L	Outer_Full	77.467	79.95	PASS
N77-3700-3980	30	80	CP-256QAM	L	Outer_Full	77.571	80.18	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	77.065	79.77	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.211	79.78	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	77.145	79.96	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	76.963	79.87	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	76.975	79.79	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	77.358	80.18	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	77.415	80.04	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	77.449	80.07	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	77.498	80.03	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	77.005	79.84	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	77.082	79.85	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	77.167	79.99	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	76.960	80.02	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	77.019	79.71	PASS
N77-3700-3980	30	80	CP-QPSK	H	Outer_Full	77.330	80.24	PASS
N77-3700-3980	30	80	CP-16QAM	H	Outer_Full	77.449	80.15	PASS
N77-3700-3980	30	80	CP-64QAM	H	Outer_Full	77.388	80.20	PASS
N77-3700-3980	30	80	CP-256QAM	H	Outer_Full	77.509	80.15	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	85.512	88.63	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	85.472	88.70	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	85.738	88.77	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	85.543	88.81	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	85.586	88.79	PASS
N77-3700-3980	30	90	CP-QPSK	L	Outer_Full	87.494	90.43	PASS
N77-3700-3980	30	90	CP-16QAM	L	Outer_Full	87.330	90.55	PASS
N77-3700-3980	30	90	CP-64QAM	L	Outer_Full	87.370	90.71	PASS



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N77-3700-3980	30	90	CP-256QAM	L	Outer_Full	87.379	90.43	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	85.511	88.65	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	85.497	88.62	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	85.690	88.60	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	85.599	88.60	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	85.592	88.88	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	87.419	90.47	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	87.183	90.46	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	87.330	90.63	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	87.390	90.46	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	85.522	88.73	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	85.426	88.88	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	85.726	88.55	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	85.519	88.73	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	85.556	88.74	PASS
N77-3700-3980	30	90	CP-QPSK	H	Outer_Full	87.389	90.39	PASS
N77-3700-3980	30	90	CP-16QAM	H	Outer_Full	87.186	90.50	PASS
N77-3700-3980	30	90	CP-64QAM	H	Outer_Full	87.325	90.49	PASS
N77-3700-3980	30	90	CP-256QAM	H	Outer_Full	87.299	90.38	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	96.112	99.62	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	96.304	99.65	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	96.349	99.57	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	96.229	99.70	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	96.291	99.68	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	97.644	100.7	PASS
N77-3700-3980	30	100	CP-16QAM	L	Outer_Full	97.476	100.6	PASS
N77-3700-3980	30	100	CP-64QAM	L	Outer_Full	97.190	100.6	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	97.415	100.7	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	95.992	99.73	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	96.247	99.51	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	96.310	99.61	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	96.181	99.58	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	96.209	99.70	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	97.512	100.3	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	97.421	100.7	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	97.116	100.6	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	97.350	100.7	PASS



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N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	95.987	99.56	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	96.165	99.63	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	96.368	99.64	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	96.141	99.50	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	96.347	99.63	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	97.446	100.6	PASS
N77-3700-3980	30	100	CP-16QAM	H	Outer_Full	97.405	100.8	PASS
N77-3700-3980	30	100	CP-64QAM	H	Outer_Full	97.217	100.7	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	97.401	100.7	PASS



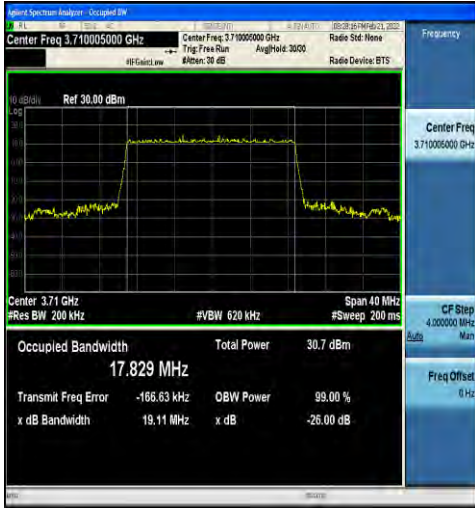
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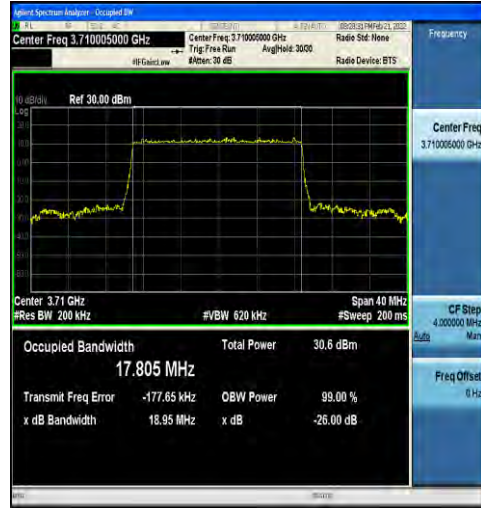
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Test Graphs



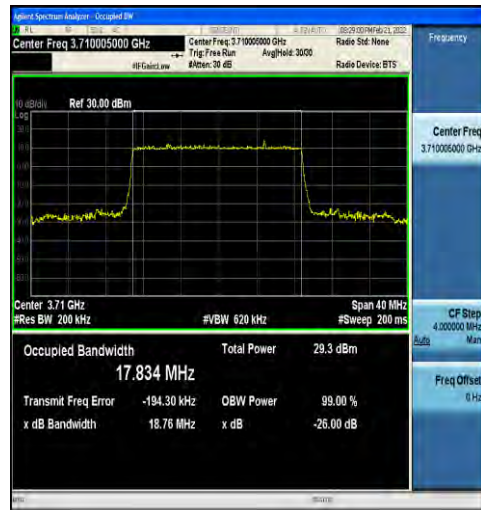
1-N77-3700-3980-30-20-L-1-DFT-QPSK-Outer\_Full-50@0-Ant1-17.829-19.11-≤20-PASS



1-N77-3700-3980-30-20-L-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-17.805-18.95-≤20-PASS



1-N77-3700-3980-30-20-L-3-DFT-16QAM-Outer\_Full-50@0-Ant1-17.854-19.06-≤20-PASS

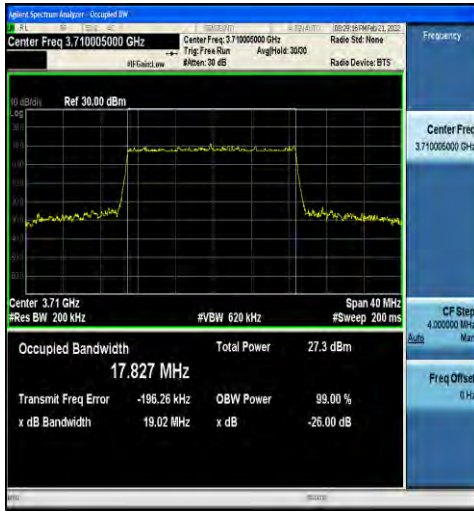


1-N77-3700-3980-30-20-L-4-DFT-64QAM-Outer\_Full-50@0-Ant1-17.834-18.76-≤20-PASS

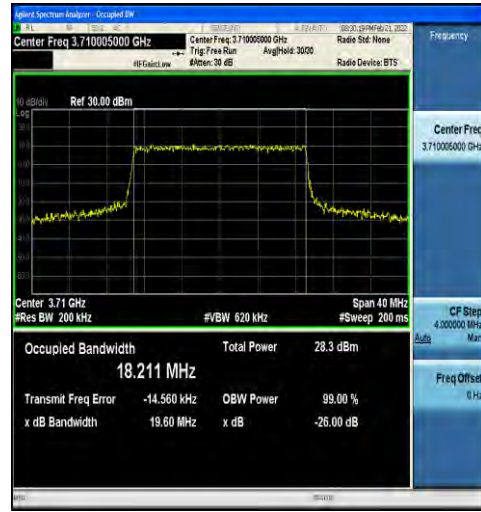


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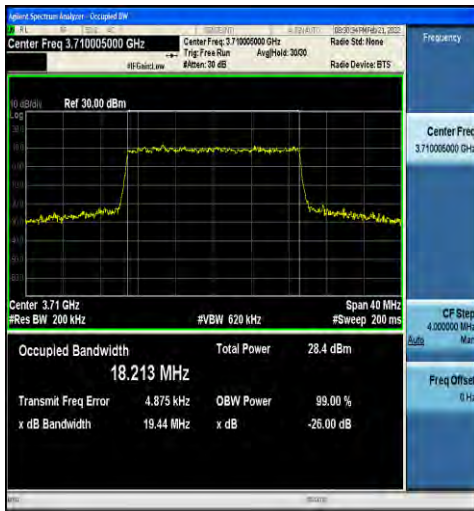
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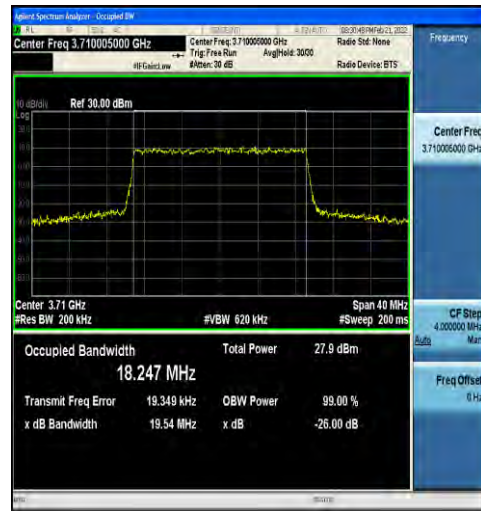
1-N77-3700-3980-30-20-L-5-DFT-256QAM-Outer\_Fu II-50@0-Ant1-17.827-19.02-≤20-PASS



1-N77-3700-3980-30-20-L-6-CP-QPSK-Outer\_Full-5 1@0-Ant1-18.211-19.60-≤20-PASS



1-N77-3700-3980-30-20-L-7-CP-16QAM-Outer\_Full-51@0-Ant1-18.213-19.44-≤20-PASS

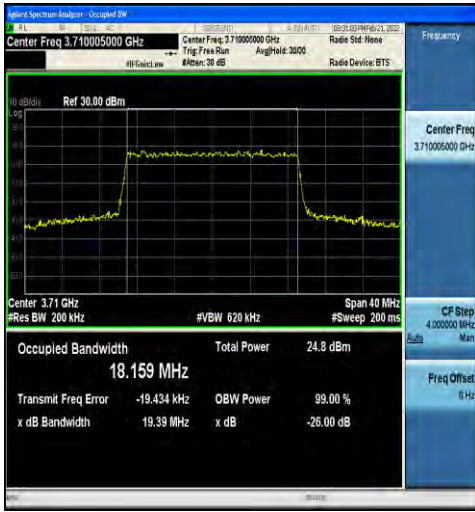


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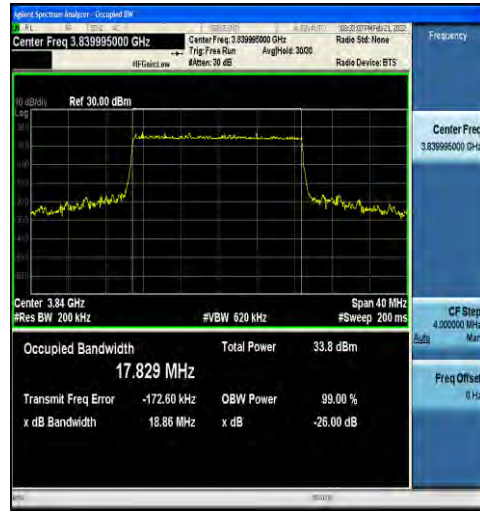


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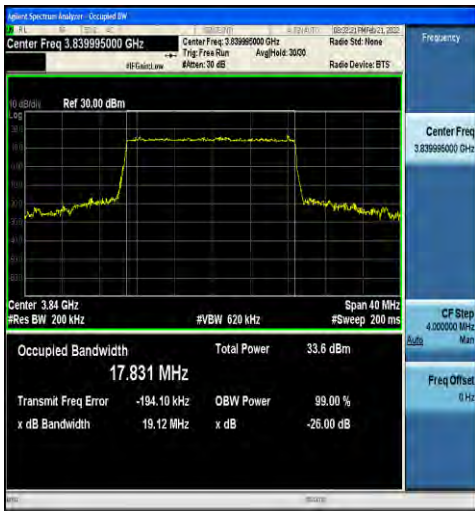
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1-N77-3700-3980-30-20-L-9-CP-256QAM-Outer\_Full-51@0-Ant1-18.159-19.39-≤20-PASS



1-N77-3700-3980-30-20-M-1-DFT-QPSK-Outer\_Full-50@0-Ant1-17.829-18.86-≤20-PASS



1-N77-3700-3980-30-20-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-17.831-19.12-≤20-PASS



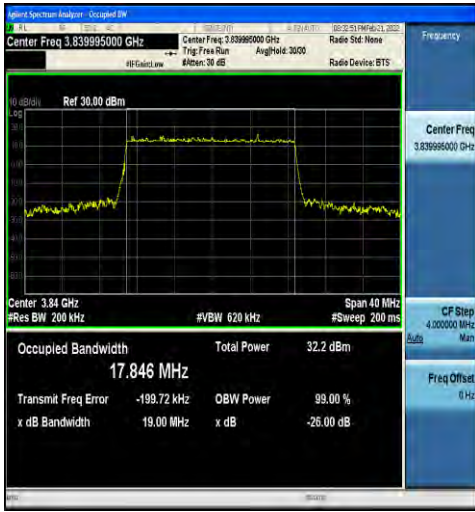
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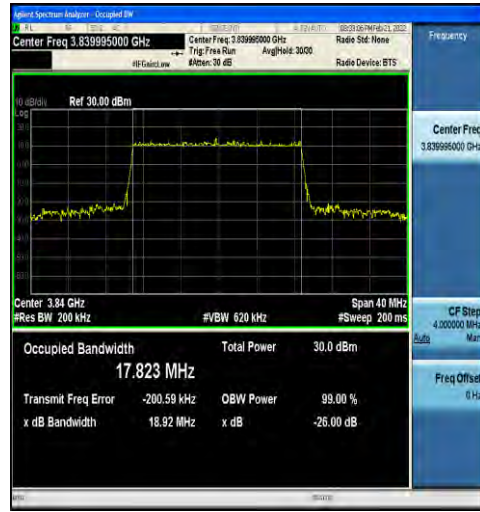
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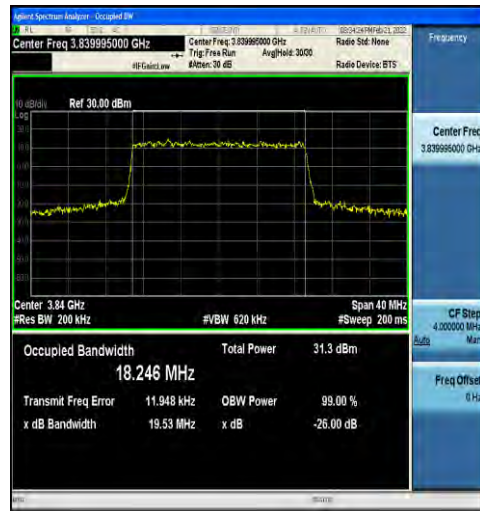
1-N77-3700-3980-30-20-M-4-DFT-64QAM-Outer\_Full-50@0-Ant1-17.846-19.00-≤20-PASS



1-N77-3700-3980-30-20-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-17.823-18.92-≤20-PASS



1-N77-3700-3980-30-20-M-6-CP-QPSK-Outer\_Full-51@0-Ant1-18.218-19.70-≤20-PASS



1-N77-3700-3980-30-20-M-7-CP-16QAM-Outer\_Full-51@0-Ant1-18.246-19.53-≤20-PASS



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