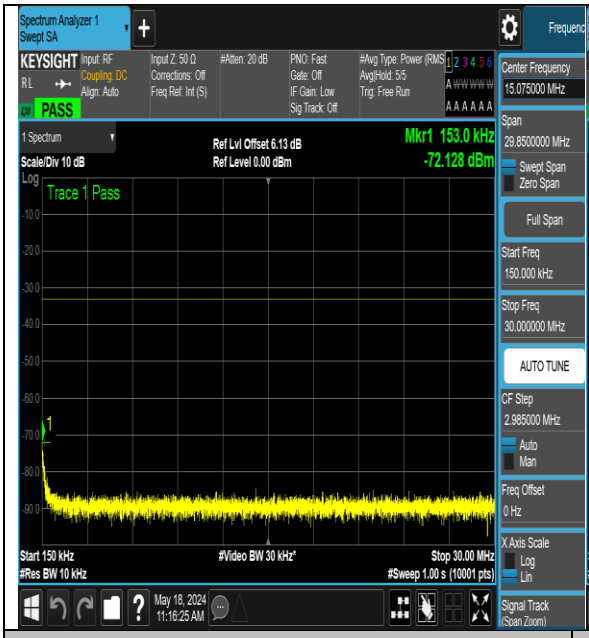
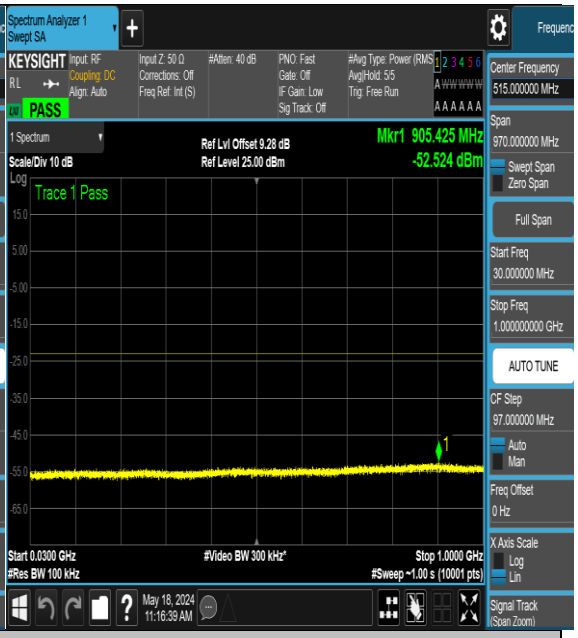


NTNV_N78-3450-3550_PC2_30_100_H_TID20_NS_01_1000_3000_#1



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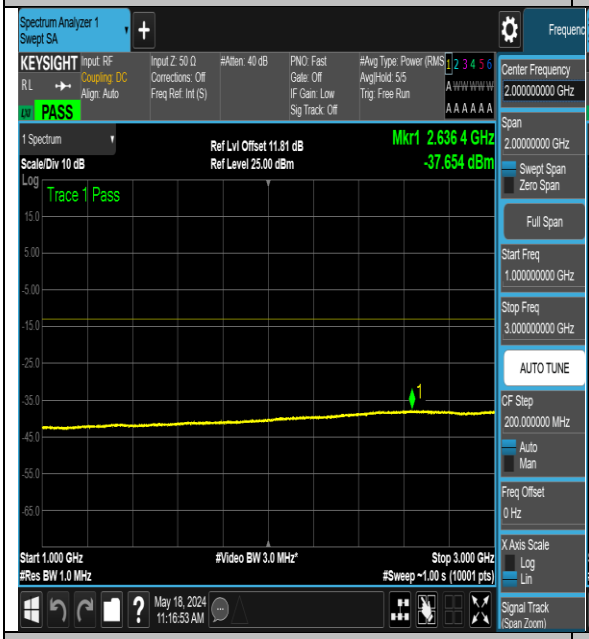

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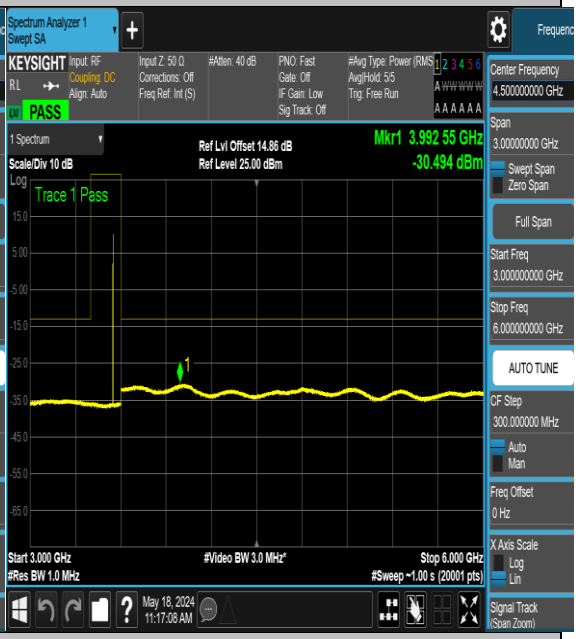
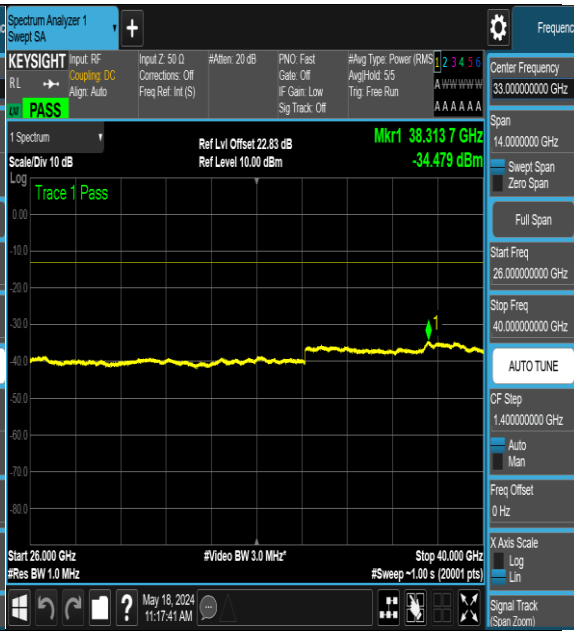


NTNV_N78-3450-3550_PC2_30_100_H_TID20_NS_01_26000_40000_#1

Spectrum Analyzer 1
Swept SA
KEYSIGHT
PASS
Center Frequency
16.000000000 GHz
Span
20.0000000 GHz
Swept Span
Zero Span
Full Span
Start Freq
6.000000000 GHz
Stop Freq
26.000000000 GHz
AUTO TUNE
CF Step
2.000000000 GHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
1 Spectrum
Scale/Div 10 dB
Ref Lvl Offset 30.47 dB
Ref Level 10.00 dBm
Mkr1 25.722 GHz
-30.879 dBm
Trace 1 Pass
Start 6.00 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 26.00 GHz
#Sweep ~1.00 s (20001 pts)
May 18, 2024
11:17:25 AM


Spectrum Analyzer 1
Swept SA
KEYSIGHT
PASS
Center Frequency
33.000000000 GHz
Span
14.0000000 GHz
Swept Span
Zero Span
Full Span
Start Freq
26.000000000 GHz
Stop Freq
40.000000000 GHz
AUTO TUNE
CF Step
1.400000000 GHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
1 Spectrum
Scale/Div 10 dB
Ref Lvl Offset 22.83 dB
Ref Level 10.00 dBm
Mkr1 38.313 7 GHz
-34.479 dBm
Trace 1 Pass
Start 26.000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
Stop 40.000 GHz
#Sweep ~1.00 s (20001 pts)
May 18, 2024
11:17:41 AM

Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-3450-3550	30	10	DFT-QPSK	L	Outer_Full	VL	NT	-4.10	0.00	PASS
N78-3450-3550	30	10	DFT-QPSK	L	Outer_Full	VN	NT	-7.14	0.00	PASS
N78-3450-3550	30	10	DFT-QPSK	L	Outer_Full	VH	NT	-7.90	0.00	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Outer_Full	VL	NT	-13.65	0.00	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Outer_Full	VN	NT	-1.81	0.00	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Outer_Full	VH	NT	-9.69	0.00	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VL	NT	-16.10	0.00	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VN	NT	-8.08	0.00	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	VH	NT	-12.71	0.00	PASS
N78-3450-3550	30	10	DFT-16QAM	M	Outer_Full	VL	NT	-5.21	0.00	PASS
N78-3450-3550	30	10	DFT-16QAM	M	Outer_Full	VN	NT	-6.82	0.00	PASS
N78-3450-3550	30	10	DFT-16QAM	M	Outer_Full	VH	NT	-8.00	0.00	PASS
N78-3450-3550	30	10	DFT-QPSK	H	Outer_Full	VL	NT	-4.44	0.00	PASS
N78-3450-3550	30	10	DFT-QPSK	H	Outer_Full	VN	NT	-5.90	0.00	PASS
N78-3450-3550	30	10	DFT-QPSK	H	Outer_Full	VH	NT	2.37	0.00	PASS
N78-3450-3550	30	10	DFT-16QAM	H	Outer_Full	VL	NT	-11.42	0.00	PASS
N78-345	30	10	DFT-16QAM	H	Outer_Full	VN	NT	-0.68	0.00	PASS

0-3550										
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	VH	NT	-3.92	0.00	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	VL	NT	-11.57	0.00	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	VN	NT	-4.69	0.00	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	VH	NT	-24.27	-0.01	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	VL	NT	-14.68	0.00	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	VN	NT	-4.67	0.00	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	VH	NT	-8.12	0.00	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	VL	NT	-14.33	0.00	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	VN	NT	-5.66	0.00	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	VH	NT	-22.36	-0.01	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	VL	NT	-6.77	0.00	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	VN	NT	-12.54	0.00	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	VH	NT	-13.85	0.00	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	VL	NT	3.81	0.00	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	VN	NT	5.71	0.00	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	VH	NT	-12.80	0.00	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	VL	NT	-1.48	0.00	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	VN	NT	-20.28	-0.01	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	VH	NT	-9.32	0.00	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VL	NT	-9.20	0.00	PASS

N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-13.81	0.00	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VH	NT	-10.67	0.00	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VL	NT	-11.90	0.00	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VN	NT	-0.61	0.00	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VH	NT	-7.07	0.00	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VL	NT	1.28	0.00	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VN	NT	0.79	0.00	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-11.90	0.00	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VL	NT	-5.87	0.00	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VN	NT	-15.03	0.00	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VH	NT	-24.75	-0.01	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VL	NT	-9.35	0.00	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VN	NT	-2.15	0.00	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VH	NT	-4.08	0.00	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VL	NT	2.69	0.00	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VN	NT	-6.47	0.00	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VH	NT	-3.25	0.00	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	VL	NT	-6.09	0.00	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	VN	NT	-19.23	-0.01	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	VH	NT	-13.43	0.00	PASS
N78-345	30	30	DFT-16QAM	L	Outer_Full	VL	NT	-12.87	0.00	PASS

0-3550										
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	VN	NT	9.19	0.00	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	VH	NT	-4.43	0.00	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	VL	NT	-16.25	0.00	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	VN	NT	-5.36	0.00	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	VH	NT	2.41	0.00	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	VL	NT	-4.63	0.00	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	VN	NT	0.46	0.00	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	VH	NT	-9.46	0.00	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	VL	NT	-15.19	0.00	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	VN	NT	-17.61	0.00	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	VH	NT	-6.05	0.00	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	VL	NT	-5.30	0.00	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	VN	NT	-5.04	0.00	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	VH	NT	-6.48	0.00	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VL	NT	4.18	0.00	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-11.37	0.00	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VH	NT	12.65	0.00	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	VL	NT	-14.46	0.00	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	VN	NT	-2.96	0.00	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	VH	NT	1.49	0.00	PASS

N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-13.91	0.00	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-2.14	0.00	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-0.02	0.00	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VL	NT	-3.63	0.00	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VN	NT	-9.29	0.00	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VH	NT	-11.27	0.00	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VL	NT	13.28	0.00	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VN	NT	-16.56	0.00	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VH	NT	0.66	0.00	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VL	NT	-21.86	-0.01	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VN	NT	-19.87	-0.01	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VH	NT	-2.74	0.00	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VL	NT	-1.62	0.00	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VN	NT	-12.42	0.00	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VH	NT	4.85	0.00	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VL	NT	-7.10	0.00	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VN	NT	-0.67	0.00	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VH	NT	5.84	0.00	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-5.30	0.00	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-1.22	0.00	PASS
N78-345	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-4.11	0.00	PASS

0-3550										
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VL	NT	-1.65	0.00	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VN	NT	-14.95	0.00	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VH	NT	-9.94	0.00	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VL	NT	-4.20	0.00	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VN	NT	-2.04	0.00	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VH	NT	-17.09	0.00	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VL	NT	-14.98	0.00	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VN	NT	-10.02	0.00	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VH	NT	-11.39	0.00	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VL	NT	-12.81	0.00	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-10.23	0.00	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VH	NT	-5.25	0.00	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VL	NT	-17.14	0.00	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-7.46	0.00	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VH	NT	0.19	0.00	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-5.68	0.00	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VN	NT	5.68	0.00	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-8.76	0.00	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VL	NT	-20.58	-0.01	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VN	NT	9.11	0.00	PASS

N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VH	NT	-0.91	0.00	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VL	NT	5.26	0.00	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VN	NT	-16.38	0.00	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VH	NT	0.68	0.00	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VL	NT	-5.05	0.00	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VN	NT	0.90	0.00	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VH	NT	-14.71	0.00	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VL	NT	-17.36	0.00	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VN	NT	1.42	0.00	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VH	NT	2.67	0.00	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VL	NT	11.21	0.00	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VN	NT	-5.78	0.00	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VH	NT	-13.23	0.00	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-5.80	0.00	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-16.07	0.00	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-1.58	0.00	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VL	NT	-4.73	0.00	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VN	NT	-15.57	0.00	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VH	NT	-23.66	-0.01	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VL	NT	-6.49	0.00	PASS
N78-345	30	70	DFT-QPSK	H	Outer_Full	VN	NT	2.74	0.00	PASS

0-3550										
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VH	NT	-10.18	0.00	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VL	NT	6.61	0.00	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VN	NT	-21.58	-0.01	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VH	NT	-4.75	0.00	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VL	NT	-5.74	0.00	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VN	NT	9.94	0.00	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VH	NT	-3.80	0.00	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VL	NT	-18.61	-0.01	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VN	NT	-6.16	0.00	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VH	NT	-11.83	0.00	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VL	NT	2.30	0.00	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-5.32	0.00	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-18.75	-0.01	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VL	NT	-14.66	0.00	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VN	NT	-7.66	0.00	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VH	NT	-8.40	0.00	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VL	NT	-2.90	0.00	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-4.69	0.00	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VH	NT	4.74	0.00	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VL	NT	-18.94	-0.01	PASS

N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VN	NT	-6.70	0.00	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VH	NT	-6.20	0.00	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VL	NT	-7.58	0.00	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VN	NT	-6.25	0.00	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VH	NT	-7.93	0.00	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VL	NT	1.55	0.00	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VN	NT	-0.46	0.00	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VH	NT	-4.82	0.00	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-6.12	0.00	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-15.33	0.00	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VH	NT	6.07	0.00	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VL	NT	-0.62	0.00	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VN	NT	-8.48	0.00	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VH	NT	-7.56	0.00	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VL	NT	-8.88	0.00	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-9.34	0.00	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VH	NT	-11.89	0.00	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VL	NT	-14.17	0.00	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VN	NT	-11.49	0.00	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VH	NT	-10.20	0.00	PASS
N78-345	30	100	DFT-QPSK	L	Outer_Full	VL	NT	-6.44	0.00	PASS

0-3550										
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-9.73	0.00	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VH	NT	-8.31	0.00	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VL	NT	6.38	0.00	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VN	NT	-15.38	0.00	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VH	NT	-3.43	0.00	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-17.01	0.00	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-10.36	0.00	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-4.61	0.00	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VL	NT	-2.77	0.00	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VN	NT	-7.30	0.00	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VH	NT	-0.10	0.00	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VL	NT	-14.13	0.00	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-11.21	0.00	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VH	NT	-4.67	0.00	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VL	NT	-4.53	0.00	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VN	NT	-4.36	0.00	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VH	NT	0.22	0.00	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict

N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-30	-1.839583	-0.000532	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-20	-1.270155	-0.000368	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-10	-9.465486	-0.002740	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	0	-3.713368	-0.001075	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	10	-4.900654	-0.001418	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	20	-7.275994	-0.002106	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	30	5.554419	0.001608	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	40	1.020615	0.000295	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	50	-6.669722	-0.001930	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	-30	5.833482	0.001688	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	-20	-9.583205	-0.002774	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	-10	-11.088312	-0.003209	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	0	-10.859375	-0.003143	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	10	-3.488315	-0.001010	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	20	-10.112357	-0.002927	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	30	-12.491813	-0.003616	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	40	-12.287457	-0.003556	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	50	-9.466878	-0.002740	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-30	-5.090126	-0.001454	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-20	0.275586	0.000079	PASS
N78-345	30	10	DFT-QPSK	M	Outer_Full	NV	-10	-3.165452	-0.000904	PASS

0-3550										
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	0	-10.828982	-0.003094	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	10	-13.957953	-0.003988	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	20	-9.731576	-0.002780	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	30	-9.105698	-0.002602	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	40	-9.756516	-0.002788	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	50	3.742336	0.001069	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	-30	-7.513503	-0.002147	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	-20	-5.526099	-0.001579	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	-10	-7.076510	-0.002022	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	0	-9.637931	-0.002754	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	10	-8.611894	-0.002461	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	20	1.995658	0.000570	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	30	-9.544260	-0.002727	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	40	-18.860207	-0.005389	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	50	-19.252378	-0.005501	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-30	-6.981367	-0.001969	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-20	-7.784291	-0.002196	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-10	-14.894796	-0.004202	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	0	-10.745855	-0.003031	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	10	-12.196630	-0.003441	PASS

N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	20	7.493212	0.002114	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	30	-3.744303	-0.001056	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	40	-15.095349	-0.004258	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	50	-11.954205	-0.003372	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	-30	-4.615026	-0.001302	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	-20	-6.216637	-0.001754	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	-10	4.912931	0.001386	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	0	-11.824776	-0.003336	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	10	-12.207855	-0.003444	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	20	-6.463729	-0.001823	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	30	-10.192592	-0.002875	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	40	-9.673120	-0.002729	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	50	-4.263353	-0.001203	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-30	-3.008985	-0.000870	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-20	-15.335355	-0.004435	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-10	-21.536987	-0.006229	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	0	-25.717752	-0.007438	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	10	-3.114006	-0.000901	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	20	-22.138050	-0.006403	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	30	-13.234509	-0.003828	PASS
N78-345	30	15	DFT-QPSK	L	Outer_Full	NV	40	-12.108416	-0.003502	PASS

0-3550										
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	50	-9.937739	-0.002874	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	-30	-1.388687	-0.000402	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	-20	-19.779140	-0.005721	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	-10	-2.805556	-0.000811	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	0	8.208580	0.002374	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	10	-8.490305	-0.002456	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	20	-10.749125	-0.003109	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	30	-5.835173	-0.001688	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	40	-0.625535	-0.000181	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	50	-6.730079	-0.001947	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-30	-17.960367	-0.005132	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-20	-16.401230	-0.004686	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-10	-4.946706	-0.001413	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	0	5.736904	0.001639	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	10	-14.194385	-0.004056	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	20	-19.146147	-0.005470	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	30	-19.832108	-0.005666	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	40	-15.311750	-0.004375	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	50	-22.606625	-0.006459	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	-30	-5.225567	-0.001493	PASS

N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	-20	-7.557722	-0.002159	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	-10	-19.573940	-0.005593	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	0	-7.453142	-0.002129	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	10	0.285611	0.000082	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	20	-10.757730	-0.003074	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	30	-2.912924	-0.000832	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	40	-12.036661	-0.003439	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	50	-11.191354	-0.003198	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-30	-27.265511	-0.007697	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-20	-14.349673	-0.004051	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-10	-3.192171	-0.000901	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	0	-2.161879	-0.000610	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	10	-22.484543	-0.006347	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	20	-2.787829	-0.000787	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	30	-18.468513	-0.005213	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	40	-9.275682	-0.002618	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	50	-14.592039	-0.004119	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	-30	-3.921761	-0.001107	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	-20	-7.321024	-0.002067	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	-10	-5.917503	-0.001670	PASS
N78-345	30	15	DFT-16QAM	H	Outer_Full	NV	0	-1.482135	-0.000418	PASS

0-3550										
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	10	6.401552	0.001807	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	20	-12.042618	-0.003399	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	30	-15.912615	-0.004492	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	40	-2.938493	-0.000829	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	50	-13.784754	-0.003891	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-30	-6.853229	-0.001981	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-20	-4.311646	-0.001246	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-10	3.685006	0.001065	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	0	-2.832921	-0.000819	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	10	-2.860481	-0.000827	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	20	5.921978	0.001712	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	30	-7.819308	-0.002260	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	40	-12.291590	-0.003552	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	50	-8.458737	-0.002445	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-30	-13.055729	-0.003773	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-20	3.585697	0.001036	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-10	-8.318123	-0.002404	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	0	-10.257210	-0.002965	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	10	-6.321604	-0.001827	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	20	-22.381800	-0.006469	PASS

N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	30	-14.884133	-0.004302	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	40	2.897210	0.000837	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	50	-13.251320	-0.003830	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-2.751884	-0.000786	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-20	0.367496	0.000105	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-20.444317	-0.005841	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	0	-17.566139	-0.005019	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	10	1.005002	0.000287	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	20	0.337547	0.000096	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	30	-15.019200	-0.004291	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	40	2.486915	0.000711	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	50	-7.350315	-0.002100	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-30	6.875097	0.001964	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-20	-14.291184	-0.004083	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-10	-10.391729	-0.002969	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	0	-3.985567	-0.001139	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	10	-18.324215	-0.005235	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	20	-10.508587	-0.003002	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	30	1.574587	0.000450	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	40	-12.810183	-0.003660	PASS
N78-345	30	20	DFT-16QAM	M	Outer_Full	NV	50	-1.602608	-0.000458	PASS

0-3550										
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-30	-2.788701	-0.000788	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-20	-21.635595	-0.006112	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-10	-7.739254	-0.002186	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	0	-5.937708	-0.001677	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	10	-4.186877	-0.001183	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	20	-8.311064	-0.002348	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	30	-11.635883	-0.003287	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	40	3.955339	0.001117	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	50	-1.781686	-0.000503	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-30	-7.143082	-0.002018	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-20	-12.572540	-0.003552	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-10	-12.510192	-0.003534	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	0	-5.818443	-0.001644	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	10	-12.215435	-0.003451	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	20	4.054889	0.001145	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	30	-16.359606	-0.004621	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	40	-2.611049	-0.000738	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	50	-5.412939	-0.001529	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	-30	-7.902594	-0.002281	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	-20	-1.231855	-0.000356	PASS

N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	-10	-14.822357	-0.004278	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	0	-13.178017	-0.003803	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	10	-19.924101	-0.005750	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	20	-10.384826	-0.002997	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	30	-15.452944	-0.004460	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	40	-2.920769	-0.000843	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	50	-3.503186	-0.001011	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	-30	6.265707	0.001808	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	-20	2.202094	0.000636	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	-10	-7.727614	-0.002230	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	0	-23.860762	-0.006886	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	10	-7.781963	-0.002246	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	20	-2.342620	-0.000676	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	30	-7.104474	-0.002050	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	40	-8.445074	-0.002437	PASS
N78-345 0-3550	30	30	DFT-16QAM	L	Outer_Full	NV	50	0.808916	0.000233	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-30	-5.873375	-0.001678	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-20	-1.985435	-0.000567	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-10	-6.740057	-0.001926	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	0	3.313023	0.000947	PASS
N78-345	30	30	DFT-QPSK	M	Outer_Full	NV	10	-6.536485	-0.001868	PASS

0-3550										
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	20	1.854704	0.000530	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	30	-14.645085	-0.004184	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	40	-1.521528	-0.000435	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	50	-12.278615	-0.003508	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	-30	-1.615057	-0.000461	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	-20	-10.572343	-0.003021	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	-10	5.062372	0.001446	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	0	-8.429417	-0.002408	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	10	0.329149	0.000094	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	20	-4.928469	-0.001408	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	30	4.573477	0.001307	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	40	1.088884	0.000311	PASS
N78-345 0-3550	30	30	DFT-16QAM	M	Outer_Full	NV	50	-0.614815	-0.000176	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	-30	-17.920345	-0.005069	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	-20	-10.857847	-0.003072	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	-10	-10.763924	-0.003045	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	0	-9.921529	-0.002807	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	10	-11.560230	-0.003270	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	20	-8.794289	-0.002488	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	30	-8.552584	-0.002419	PASS

N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	40	8.055429	0.002279	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	50	-13.500246	-0.003819	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	-30	-14.816960	-0.004192	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	-20	-26.645567	-0.007538	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	-10	-4.992857	-0.001412	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	0	-14.855943	-0.004203	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	10	-4.965574	-0.001405	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	20	0.118799	0.000034	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	30	-22.689507	-0.006419	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	40	-21.128342	-0.005977	PASS
N78-345 0-3550	30	30	DFT-16QAM	H	Outer_Full	NV	50	4.594820	0.001300	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-30	-15.324348	-0.004416	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-20	-5.921684	-0.001707	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-10	-5.683228	-0.001638	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	0	-12.553485	-0.003618	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	10	-6.348661	-0.001830	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	20	-9.929900	-0.002862	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	30	-12.771755	-0.003681	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	40	-6.522098	-0.001880	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	50	-2.399199	-0.000691	PASS
N78-345	30	40	DFT-16QAM	L	Outer_Full	NV	-30	-13.144093	-0.003788	PASS

0-3550										
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-20	-14.517847	-0.004184	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-10	-14.468128	-0.004169	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	0	-5.967029	-0.001720	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	10	-16.708998	-0.004815	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	20	-8.293000	-0.002390	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	30	-1.624880	-0.000468	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	40	-21.733238	-0.006263	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	50	-6.880796	-0.001983	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-13.914660	-0.003976	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-1.907788	-0.000545	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-10.019184	-0.002863	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	0	-10.406287	-0.002973	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	10	-5.917938	-0.001691	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	20	3.287430	0.000939	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	30	-6.875650	-0.001964	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	40	-7.972659	-0.002278	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	50	-4.129073	-0.001180	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	-30	-15.295426	-0.004370	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	-20	-7.867858	-0.002248	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	-10	-7.382048	-0.002109	PASS

N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	0	-21.575430	-0.006164	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	10	-8.147715	-0.002328	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	20	-2.320110	-0.000663	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	30	-13.846728	-0.003956	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	40	-15.865650	-0.004533	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	50	-4.448977	-0.001271	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-30	5.673429	0.001607	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-20	2.939585	0.000833	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-10	-6.145224	-0.001741	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	0	2.989990	0.000847	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	10	-4.063509	-0.001151	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	20	-6.343274	-0.001797	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	30	-19.022295	-0.005389	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	40	-5.168953	-0.001464	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	50	-7.356141	-0.002084	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-30	-14.129220	-0.004003	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-20	-3.824245	-0.001083	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-10	-2.575974	-0.000730	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	0	-16.105873	-0.004563	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	10	-1.348393	-0.000382	PASS
N78-345	30	40	DFT-16QAM	H	Outer_Full	NV	20	1.426578	0.000404	PASS

0-3550										
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	30	-13.470802	-0.003816	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	40	-10.823951	-0.003066	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	50	-19.074152	-0.005403	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-30	-9.927860	-0.002857	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-20	-10.276375	-0.002957	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-10	0.653096	0.000188	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	0	-5.166758	-0.001487	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	10	-1.299508	-0.000374	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	20	-15.234226	-0.004384	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	30	-1.879182	-0.000541	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	40	0.998165	0.000287	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	50	-6.144886	-0.001768	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-30	-8.981142	-0.002585	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-20	-12.561862	-0.003615	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-10	-4.622337	-0.001330	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	0	-15.948394	-0.004589	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	10	-10.096501	-0.002905	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	20	-5.233329	-0.001506	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	30	-16.336164	-0.004701	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	40	-5.141983	-0.001480	PASS

N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	50	6.440935	0.001854	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-30	0.225925	0.000065	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-6.322701	-0.001806	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-7.200601	-0.002057	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	0	-6.302468	-0.001801	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	10	-13.052478	-0.003729	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	20	5.510876	0.001575	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	30	-7.733988	-0.002210	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	40	-0.382759	-0.000109	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	50	-1.811110	-0.000517	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-30	-2.984171	-0.000853	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-20	-12.627036	-0.003608	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-10	-1.734647	-0.000496	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	0	-9.241869	-0.002641	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	10	-13.703616	-0.003915	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	20	-11.420350	-0.003263	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	30	-9.519581	-0.002720	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	40	-18.763886	-0.005361	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	50	-3.634066	-0.001038	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-30	6.854004	0.001944	PASS
N78-345	30	50	DFT-QPSK	H	Outer_Full	NV	-20	-5.057761	-0.001435	PASS

0-3550										
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-10	-15.585064	-0.004421	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	0	-11.640780	-0.003302	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	10	3.491447	0.000990	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	20	-13.753921	-0.003902	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	30	-9.147496	-0.002595	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	40	-4.344005	-0.001232	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	50	-4.709454	-0.001336	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-30	-0.963883	-0.000273	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-20	5.733292	0.001626	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-10	-29.850910	-0.008468	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	0	0.691564	0.000196	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	10	-0.716796	-0.000203	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	20	-16.897537	-0.004794	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	30	5.469574	0.001552	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	40	-11.785378	-0.003343	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	50	4.870543	0.001382	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-30	-15.341606	-0.004409	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-20	-14.453994	-0.004153	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-10	-12.532503	-0.003601	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	0	-10.206941	-0.002933	PASS

N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	10	-4.216198	-0.001212	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	20	-11.671565	-0.003354	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	30	-6.447368	-0.001853	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	40	-15.807125	-0.004542	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	50	-6.863712	-0.001972	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-30	-19.968229	-0.005738	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-20	-8.231451	-0.002365	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-10	-7.187538	-0.002065	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	0	-2.033944	-0.000584	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	10	-9.665063	-0.002777	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	20	-3.025233	-0.000869	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	30	-8.071541	-0.002319	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	40	0.689064	0.000198	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	50	-1.822010	-0.000524	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-19.224821	-0.005493	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-3.479307	-0.000994	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-10	5.558302	0.001588	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	0	-18.917789	-0.005405	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	10	-10.551174	-0.003015	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	20	-6.250568	-0.001786	PASS
N78-345	30	60	DFT-QPSK	M	Outer_Full	NV	30	1.850163	0.000529	PASS

0-3550										
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	40	-2.960842	-0.000846	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	50	15.231974	0.004352	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-30	4.975724	0.001422	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-20	-3.614530	-0.001033	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-10	2.585473	0.000739	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	0	-5.615057	-0.001604	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	10	-7.135110	-0.002039	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	20	7.327908	0.002094	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	30	-2.945145	-0.000841	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	40	7.734346	0.002210	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	50	-8.003209	-0.002287	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-30	-0.352602	-0.000100	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-20	2.038437	0.000579	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-10	3.699728	0.001051	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	0	-4.977003	-0.001414	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	10	-4.143532	-0.001177	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	20	-12.617532	-0.003585	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	30	12.530061	0.003560	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	40	1.672491	0.000475	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	50	4.635224	0.001317	PASS

N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	-30	4.777284	0.001357	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	-20	-3.656375	-0.001039	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	-10	-2.446447	-0.000695	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	0	-5.002175	-0.001421	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	10	-15.355342	-0.004362	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	20	-17.178520	-0.004880	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	30	-12.415965	-0.003527	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	40	-9.624827	-0.002734	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	50	-7.713760	-0.002191	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-30	9.508440	0.002728	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-20	-0.493574	-0.000142	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-10	-10.968272	-0.003147	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	0	10.316475	0.002960	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	10	-12.342347	-0.003542	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	20	-10.896912	-0.003127	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	30	0.120289	0.000035	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	40	-10.597999	-0.003041	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	50	-9.358801	-0.002685	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-30	-7.849688	-0.002252	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-20	-10.847297	-0.003113	PASS
N78-345	30	70	DFT-16QAM	L	Outer_Full	NV	-10	-4.844622	-0.001390	PASS

0-3550										
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	0	-4.447949	-0.001276	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	10	2.003596	0.000575	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	20	-10.751717	-0.003085	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	30	-2.722595	-0.000781	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	40	-4.088682	-0.001173	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	50	-6.704608	-0.001924	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-30	3.192868	0.000912	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-4.412417	-0.001261	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-13.039868	-0.003726	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	0	5.116165	0.001462	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	10	-5.919027	-0.001691	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	20	-14.346957	-0.004099	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	30	-3.457149	-0.000988	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	40	-9.709814	-0.002774	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	50	-8.818790	-0.002520	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-30	7.821598	0.002235	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-20	-0.339468	-0.000097	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-10	0.776485	0.000222	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	0	-4.710783	-0.001346	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	10	-5.985612	-0.001710	PASS

N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	20	7.951628	0.002272	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	30	-15.656796	-0.004473	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	40	-7.120197	-0.002034	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	50	-8.286710	-0.002368	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-30	-22.634956	-0.006440	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-20	-10.090391	-0.002871	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-10	-15.069880	-0.004287	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	0	-11.574533	-0.003293	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	10	-8.923311	-0.002539	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	20	-2.289050	-0.000651	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	30	-5.176713	-0.001473	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	40	-17.385212	-0.004946	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	50	-16.038094	-0.004563	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-30	-1.408428	-0.000401	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-20	-15.833314	-0.004504	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-10	-11.174125	-0.003179	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	0	-2.770532	-0.000788	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	10	-6.872618	-0.001955	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	20	-11.795868	-0.003356	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	30	-16.182878	-0.004604	PASS
N78-345	30	70	DFT-16QAM	H	Outer_Full	NV	40	-9.758577	-0.002776	PASS

0-3550										
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	50	-11.345066	-0.003228	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-30	-11.056869	-0.003168	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-20	-3.686399	-0.001056	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-10	-13.737741	-0.003936	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	0	1.852727	0.000531	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	10	-9.667406	-0.002770	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	20	-7.841877	-0.002247	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	30	-7.770051	-0.002226	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	40	0.184839	0.000053	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	50	-0.440905	-0.000126	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-30	-8.591687	-0.002462	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-20	-2.564085	-0.000735	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-10	-7.121143	-0.002040	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	0	3.769570	0.001080	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	10	3.605274	0.001033	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	20	-8.188788	-0.002346	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	30	-11.256322	-0.003225	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	40	-0.833300	-0.000239	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	50	-3.624964	-0.001039	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-4.610940	-0.001317	PASS

N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-20	0.672547	0.000192	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-7.426357	-0.002122	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	0	1.916667	0.000548	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	10	3.310586	0.000946	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	20	-4.027534	-0.001151	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	30	-1.566065	-0.000447	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	40	-17.460991	-0.004989	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	50	3.872174	0.001106	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-30	0.213236	0.000061	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-20	6.976778	0.001993	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-10	4.095942	0.001170	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	0	-4.023205	-0.001149	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	10	-13.003641	-0.003715	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	20	0.109474	0.000031	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	30	0.338780	0.000097	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	40	1.209468	0.000346	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	50	12.881373	0.003680	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-30	5.895437	0.001680	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-20	3.623600	0.001032	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-10	8.665394	0.002469	PASS
N78-345	30	80	DFT-QPSK	H	Outer_Full	NV	0	-3.884899	-0.001107	PASS

0-3550										
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	10	-8.991428	-0.002562	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	20	-5.913515	-0.001685	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	30	-9.509683	-0.002709	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	40	-8.611423	-0.002453	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	50	2.623177	0.000747	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-30	-0.899576	-0.000256	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-20	-0.820315	-0.000234	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-10	3.061354	0.000872	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	0	5.530332	0.001576	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	10	0.520929	0.000148	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	20	0.465473	0.000133	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	30	0.813430	0.000232	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	40	-5.428215	-0.001547	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	50	-9.404724	-0.002679	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-30	-2.847538	-0.000815	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-20	-0.829425	-0.000237	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-10	3.673468	0.001051	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	0	-16.770851	-0.004799	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	10	-0.860059	-0.000246	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	20	-12.693311	-0.003632	PASS

N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	30	-20.042706	-0.005735	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	40	8.353413	0.002390	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	50	-10.971350	-0.003139	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	-30	-6.472823	-0.001852	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	-20	-4.833237	-0.001383	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	-10	-12.637952	-0.003616	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	0	-13.684497	-0.003915	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	10	5.361956	0.001534	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	20	-11.877801	-0.003399	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	30	-11.349644	-0.003247	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	40	3.718116	0.001064	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	50	-6.944761	-0.001987	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-30	2.970050	0.000849	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-4.501042	-0.001286	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-7.263084	-0.002075	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	0	-5.773928	-0.001650	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	10	0.694324	0.000198	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	20	-9.138895	-0.002611	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	30	-9.663519	-0.002761	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	40	-11.716297	-0.003348	PASS
N78-345	30	90	DFT-QPSK	M	Outer_Full	NV	50	-12.605494	-0.003602	PASS

0-3550										
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-30	1.261622	0.000360	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-20	-3.161544	-0.000903	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-10	-5.944657	-0.001698	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	0	-5.249485	-0.001500	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	10	-11.084585	-0.003167	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	20	4.846381	0.001385	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	30	-8.705496	-0.002487	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	40	-5.563194	-0.001589	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	50	-7.215660	-0.002062	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-30	-15.196969	-0.004336	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-20	-20.781094	-0.005929	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-10	-11.648394	-0.003323	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	0	-17.722054	-0.005056	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	10	-7.562153	-0.002158	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	20	-2.346959	-0.000670	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	30	-3.303811	-0.000943	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	40	-12.520319	-0.003572	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	50	-11.792035	-0.003364	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-30	-6.401922	-0.001827	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-20	-17.096876	-0.004878	PASS

N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-10	-9.540691	-0.002722	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	0	-10.734045	-0.003063	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	10	-3.336917	-0.000952	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	20	-19.822994	-0.005656	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	30	0.633055	0.000181	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	40	-19.383707	-0.005530	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	50	-5.987610	-0.001708	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-30	0.112044	0.000032	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-20	-11.005694	-0.003144	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-10	-5.389915	-0.001540	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	0	-11.772915	-0.003364	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	10	2.162506	0.000618	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	20	-7.099800	-0.002029	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	30	-12.988950	-0.003711	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	40	7.288000	0.002082	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	50	-1.833634	-0.000524	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-30	-13.097860	-0.003742	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-20	-8.575391	-0.002450	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-10	-0.394423	-0.000113	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	0	-5.588005	-0.001597	PASS
N78-345	30	100	DFT-16QAM	L	Outer_Full	NV	10	-6.613739	-0.001890	PASS

0-3550										
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	20	-7.800514	-0.002229	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	30	-2.202329	-0.000629	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	40	0.027201	0.000008	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	50	-13.564275	-0.003875	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-7.012895	-0.002004	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-4.942711	-0.001412	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-6.898205	-0.001971	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	0	-14.542394	-0.004155	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	10	-7.287291	-0.002082	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	20	-22.054504	-0.006301	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	30	-6.005880	-0.001716	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	40	-4.282999	-0.001224	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	50	-9.570279	-0.002734	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-30	-5.788678	-0.001654	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-20	-8.894367	-0.002541	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-10	6.241561	0.001783	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	0	-4.889071	-0.001397	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	10	4.931497	0.001409	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	20	-8.054536	-0.002301	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	30	-18.520124	-0.005291	PASS

N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	40	-6.963881	-0.001990	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	50	-18.450897	-0.005272	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-30	-8.632523	-0.002466	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-20	-7.487506	-0.002139	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-10	-5.654563	-0.001616	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	0	1.743266	0.000498	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	10	-16.070892	-0.004592	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	20	-10.844048	-0.003098	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	30	-3.795214	-0.001084	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	40	2.484215	0.000710	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	50	-4.705860	-0.001345	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-30	-3.465119	-0.000990	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-20	-12.941614	-0.003698	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-10	-6.208673	-0.001774	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	0	-9.414821	-0.002690	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	10	-7.304429	-0.002087	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	20	-3.997896	-0.001142	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	30	-15.242782	-0.004355	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	40	-3.126412	-0.000893	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	50	-0.232915	-0.000067	PASS