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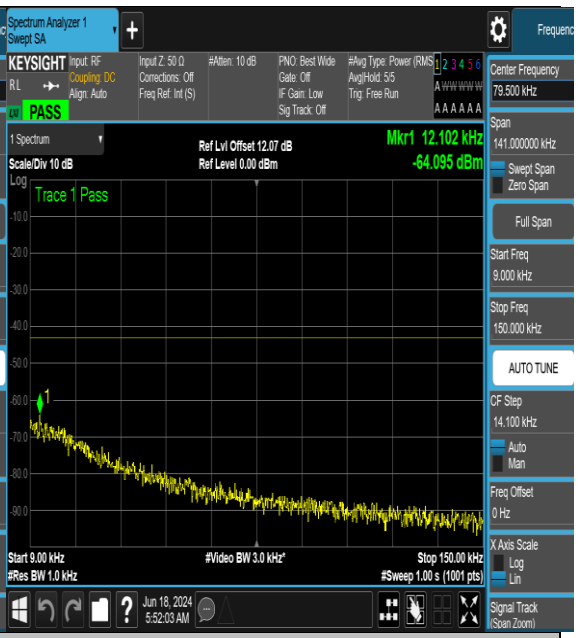

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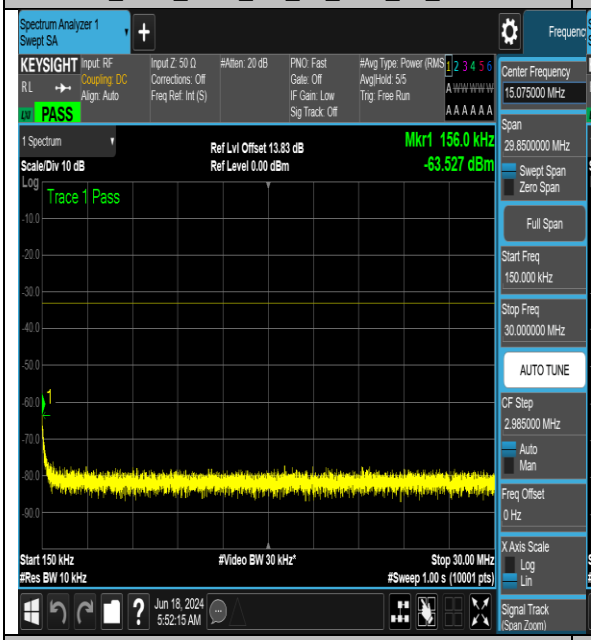

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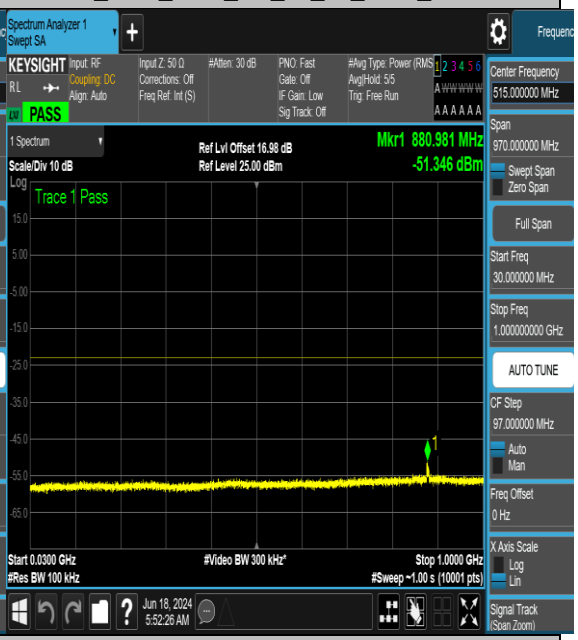

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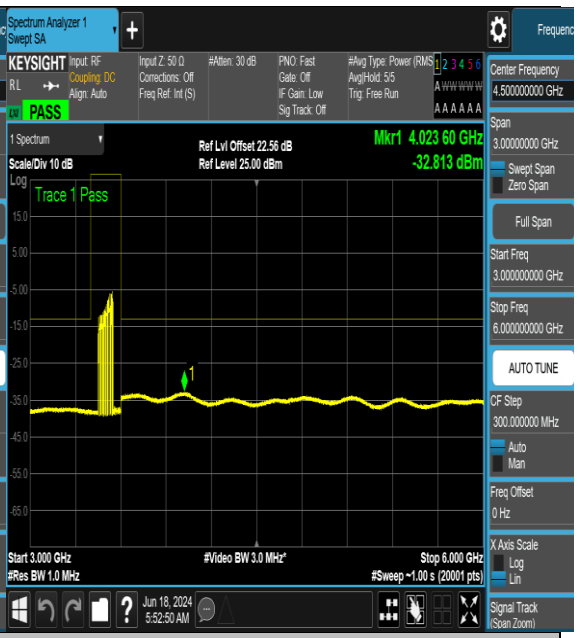

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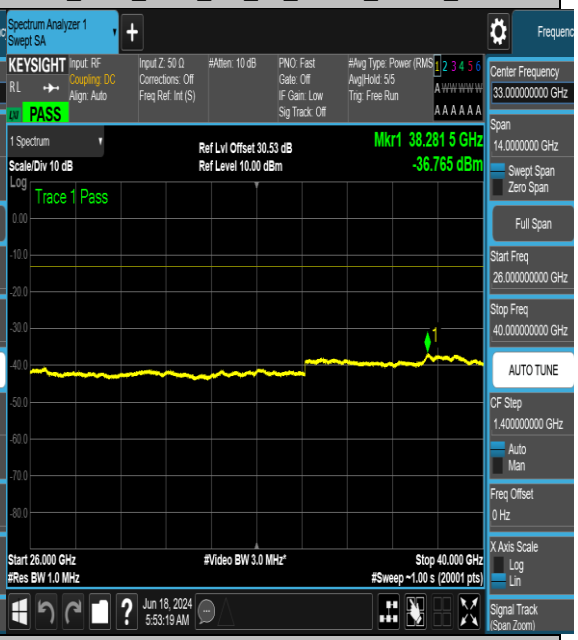

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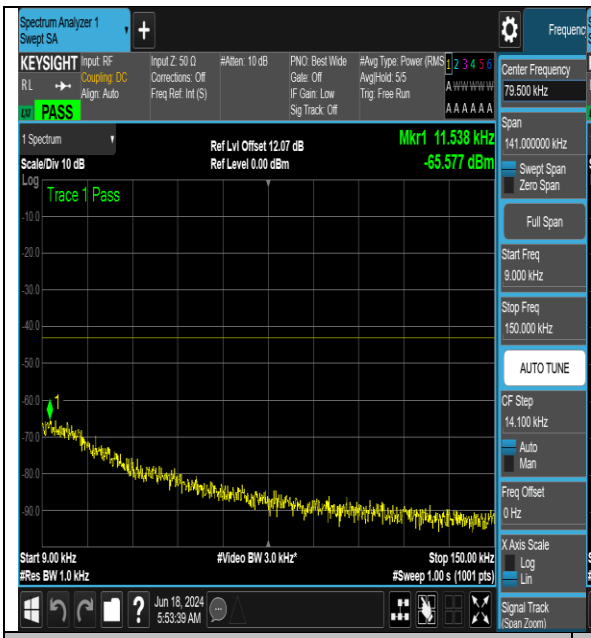

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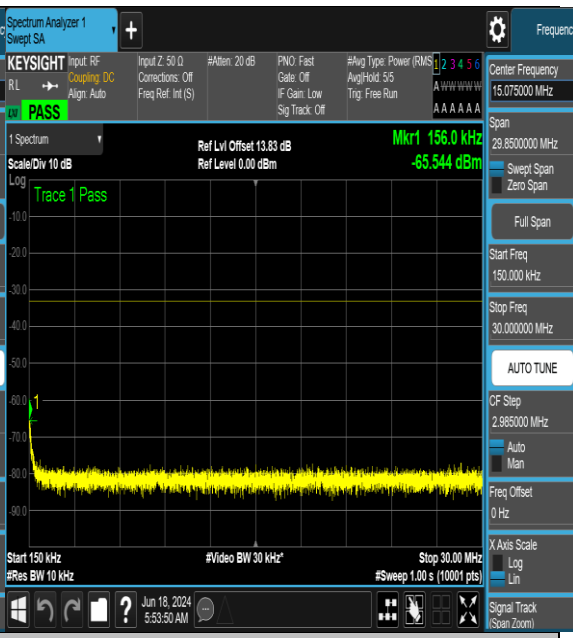

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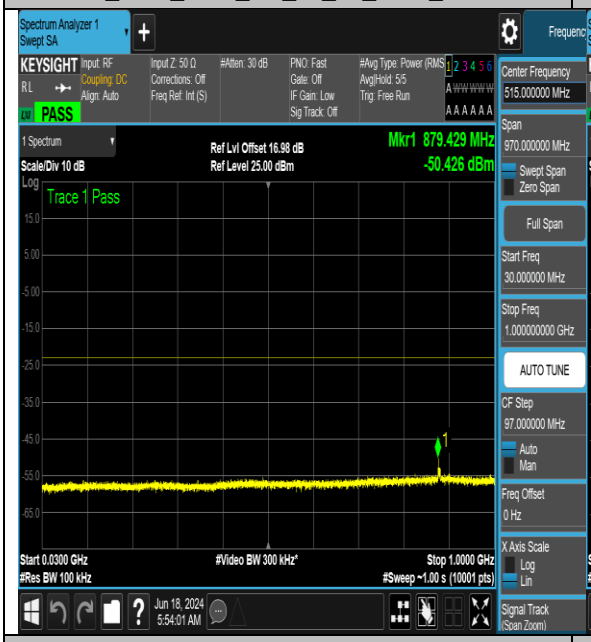

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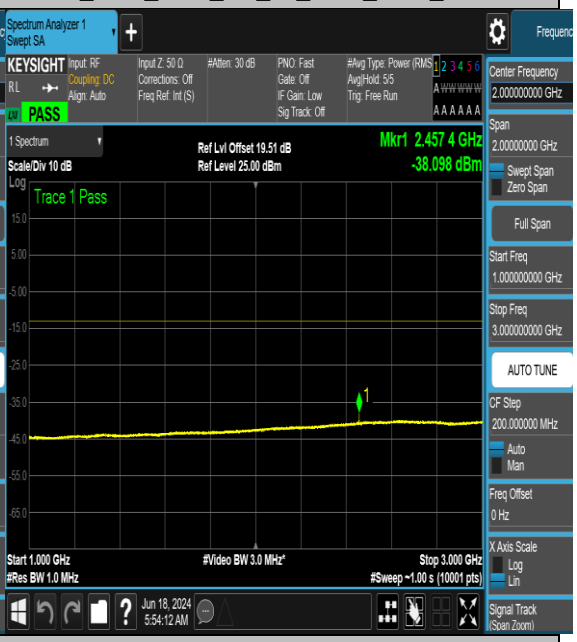

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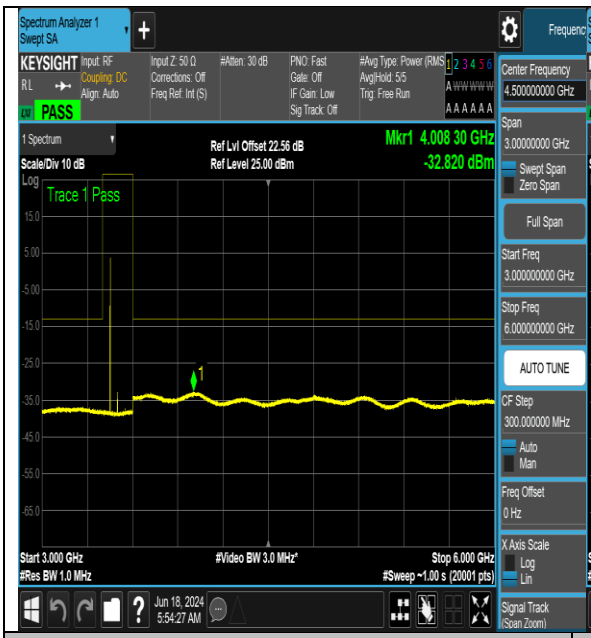

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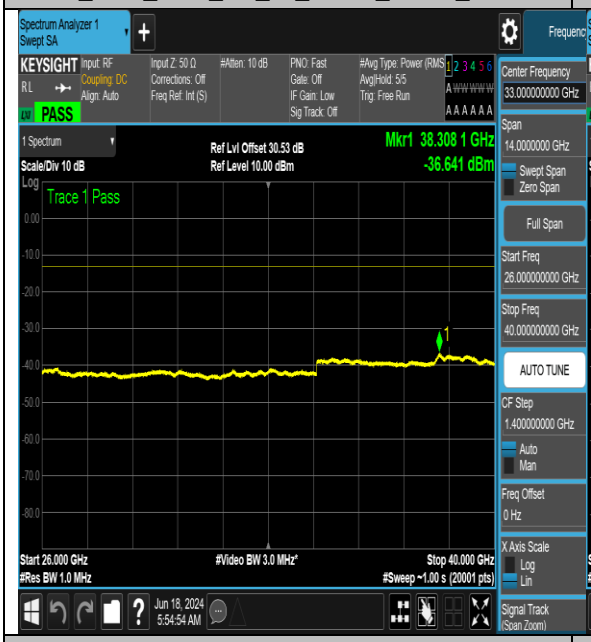

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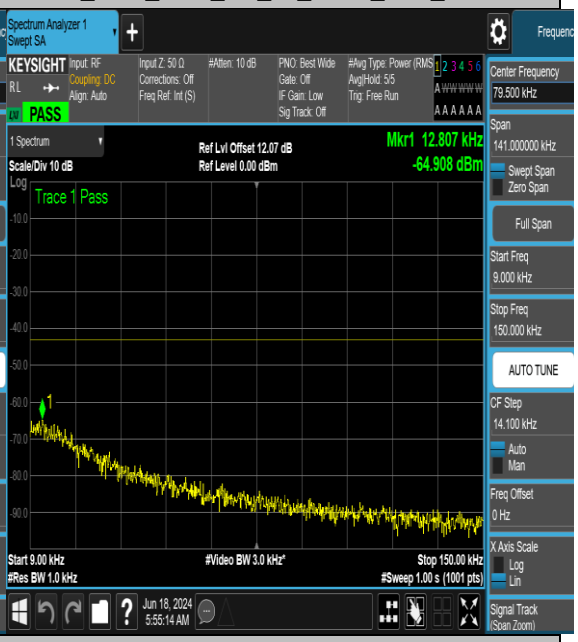

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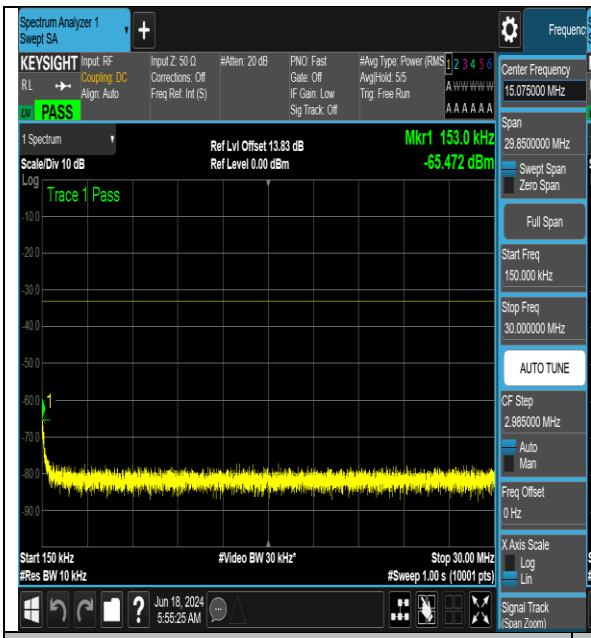

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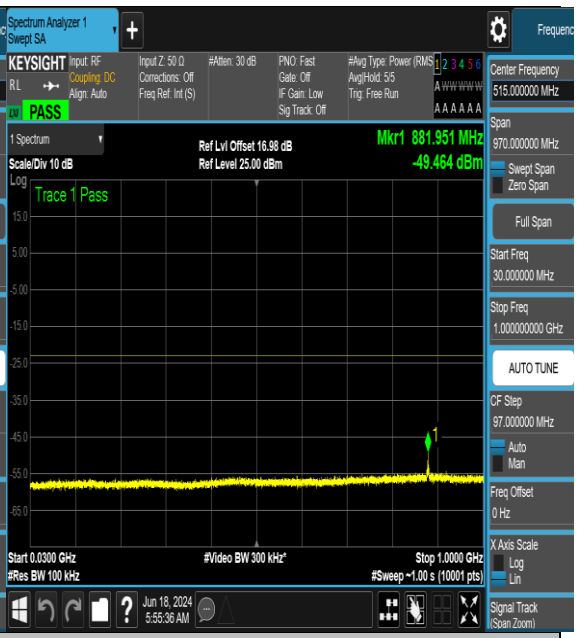

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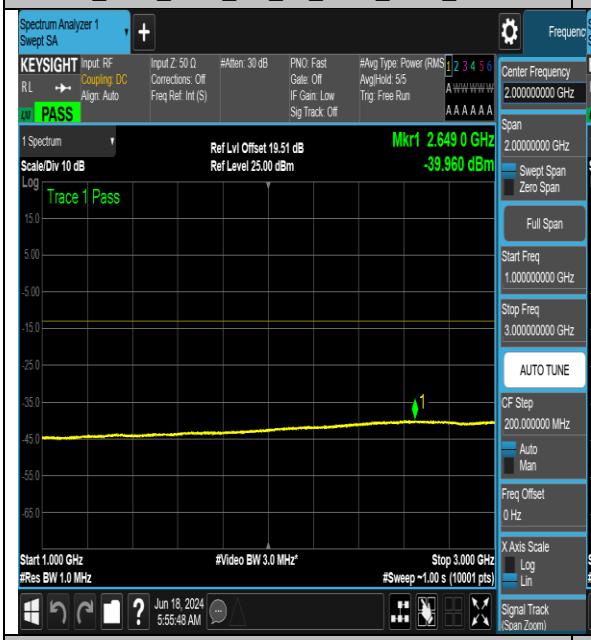

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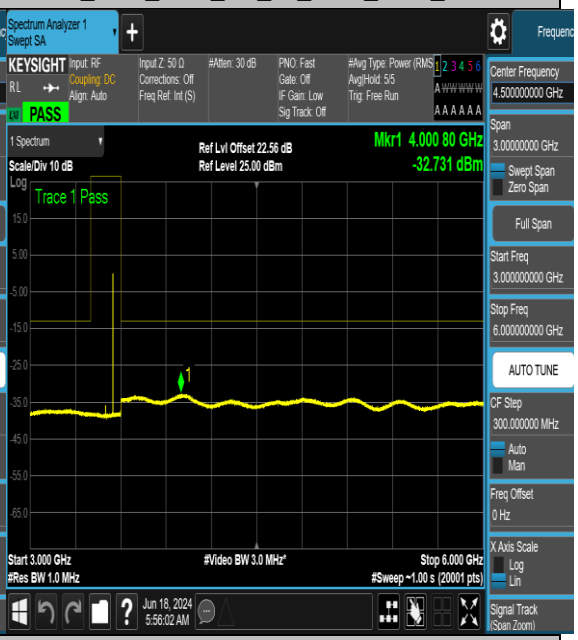

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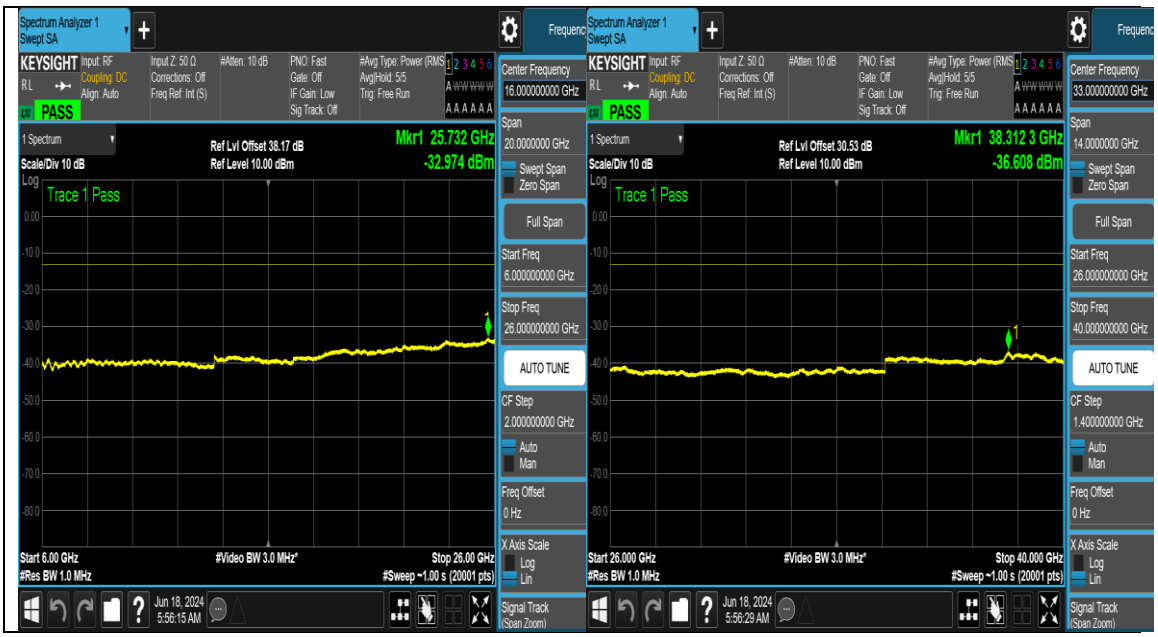
Spectrum Analyzer 1
Swept SA
KEYSIGHT
PASS
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
#Atten: 10 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 5/5
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Ref Lvl Offset 38.17 dB
Ref Level 10.00 dBm
Mkr1 25.732 GHz
-32.974 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)
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)
Jun 18, 2024
5:56:15 AM
Spectrum Analyzer 1
Swept SA
KEYSIGHT
PASS
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
#Atten: 10 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 5/5
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Ref Lvl Offset 30.53 dB
Ref Level 10.00 dBm
Mkr1 38.312 3 GHz
-36.608 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)
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)
Jun 18, 2024
5:56:29 AM

Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	-7.500000	-0.002171	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	-10.690000	-0.003094	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	-4.830000	-0.001398	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	-2.920000	-0.000845	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.640000	-0.002211	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	-9.810000	-0.002839	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	-12.530000	-0.003580	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	-2.130000	-0.000609	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	-4.520000	-0.001291	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	-10.600000	-0.003029	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	1.650000	0.000471	PASS
DC_5A_	30	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	-11.630000	-0.003323	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	-13.410000	-0.003783	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	-10.900000	-0.003075	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.350000	-0.002355	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	-15.360000	-0.004333	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	-7.650000	-0.002158	PASS
DC_5A_ n77A-34 50-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	0.070000	0.000020	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	-9.480000	-0.002742	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.320000	-0.002117	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	0.050000	0.000014	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	-13.590000	-0.003930	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	-4.740000	-0.001371	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	-5.060000	-0.001463	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	-9.340000	-0.002669	PASS
DC_5A_	30	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.460000	-0.001560	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	-8.390000	-0.002397	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	-11.250000	-0.003176	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	-8.170000	-0.002306	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.180000	-0.002309	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	-14.980000	-0.004229	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	-8.970000	-0.002532	PASS
DC_5A_ n77A-34 50-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	-7.900000	-0.002230	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	-9.420000	-0.002723	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.400000	-0.002139	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-7.280000	-0.002104	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-12.260000	-0.003543	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-11.190000	-0.003234	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	-12.640000	-0.003653	PASS
DC_5A_	30	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	-11.020000	-0.003149	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	-11.740000	-0.003354	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	-5.310000	-0.001517	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	0.130000	0.000037	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	-6.630000	-0.001894	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	-5.540000	-0.001583	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	-3.110000	-0.000879	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-7.930000	-0.002240	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.640000	-0.002441	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-23.640000	-0.006678	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-4.720000	-0.001333	PASS
DC_5A_ n77A-34 50-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.640000	-0.001876	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	VL	NT	-8.520000	-0.002459	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	VN	NT	-12.890000	-0.003720	PASS
DC_5A_	30	5+30	DFT-QPSK	M+L	Outer_Full	VH	NT	-7.130000	-0.002058	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	VL	NT	-18.440000	-0.005322	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.470000	-0.000424	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	VH	NT	-15.880000	-0.004583	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	VL	NT	-6.950000	-0.001986	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	VN	NT	-1.930000	-0.000551	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	VH	NT	-15.880000	-0.004537	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	VL	NT	-11.310000	-0.003231	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.690000	-0.001626	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	VH	NT	-8.620000	-0.002463	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	VL	NT	-9.500000	-0.002687	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	VN	NT	-12.150000	-0.003437	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	VH	NT	-9.310000	-0.002634	PASS
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	VL	NT	-10.110000	-0.002860	PASS
DC_5A_	30	5+30	DFT-16QAM	M+H	Outer_Full	VN	NT	-2.320000	-0.000656	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	VH	NT	-18.970000	-0.005366	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VL	NT	-5.550000	-0.001599	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.320000	-0.002110	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	VH	NT	-6.330000	-0.001824	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VL	NT	-11.510000	-0.003317	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.140000	-0.002058	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	VH	NT	-4.840000	-0.001395	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VL	NT	-7.680000	-0.002194	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VN	NT	-7.510000	-0.002146	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	VH	NT	-20.390000	-0.005826	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VL	NT	-5.180000	-0.001480	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VN	NT	-4.650000	-0.001329	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	VH	NT	-13.790000	-0.003940	PASS
DC_5A_	30	5+40	DFT-QPSK	M+H	Outer_Full	VL	NT	-11.080000	-0.003139	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	VN	NT	-16.960000	-0.004805	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	VH	NT	-9.690000	-0.002745	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VL	NT	2.290000	0.000649	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VN	NT	-12.520000	-0.003547	PASS
DC_5A_ n77A-34 50-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	VH	NT	-12.690000	-0.003595	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	VL	NT	-10.390000	-0.002990	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	VN	NT	-16.780000	-0.004829	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	VH	NT	-8.770000	-0.002524	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	VL	NT	-5.830000	-0.001678	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.830000	-0.000527	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	VH	NT	-7.220000	-0.002078	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.790000	-0.000510	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	VN	NT	-11.530000	-0.003294	PASS
DC_5A_	30	5+50	DFT-QPSK	M+M	Outer_Full	VH	NT	-3.890000	-0.001111	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	VL	NT	-11.490000	-0.003283	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	VN	NT	-10.460000	-0.002989	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	VH	NT	-3.090000	-0.000883	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	VL	NT	-8.340000	-0.002366	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	VN	NT	-12.440000	-0.003529	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	VH	NT	-10.890000	-0.003089	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	VL	NT	-11.910000	-0.003379	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	VN	NT	-13.440000	-0.003813	PASS
DC_5A_ n77A-34 50-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	VH	NT	-4.730000	-0.001342	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VL	NT	-8.350000	-0.002399	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VN	NT	-17.910000	-0.005147	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	VH	NT	-3.940000	-0.001132	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	VL	NT	-6.060000	-0.001741	PASS
DC_5A_	30	5+60	DFT-16QAM	M+L	Outer_Full	VN	NT	-14.220000	-0.004086	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	VH	NT	7.330000	0.002106	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VL	NT	-0.040000	-0.000011	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VN	NT	-10.000000	-0.002857	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	VH	NT	-7.090000	-0.002026	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VL	NT	-11.730000	-0.003351	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VN	NT	-12.570000	-0.003591	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	VH	NT	-6.710000	-0.001917	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VL	NT	-11.390000	-0.003236	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VN	NT	-7.450000	-0.002116	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.820000	-0.001653	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VL	NT	-8.880000	-0.002523	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VN	NT	-7.350000	-0.002088	PASS
DC_5A_ n77A-34 50-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	VH	NT	-0.210000	-0.000060	PASS
DC_5A_	30	5+70	DFT-QPSK	M+L	Outer_Full	VL	NT	-0.370000	-0.000106	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	VN	NT	-12.980000	-0.003725	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	VH	NT	-5.810000	-0.001667	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	VL	NT	-4.800000	-0.001377	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	VN	NT	-8.480000	-0.002433	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	VH	NT	-11.050000	-0.003171	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	VL	NT	-11.390000	-0.003254	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	VN	NT	2.080000	0.000594	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	VH	NT	0.970000	0.000277	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	VL	NT	0.880000	0.000250	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	VN	NT	-8.530000	-0.002437	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	VH	NT	-3.970000	-0.001134	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	VL	NT	-3.770000	-0.001073	PASS
DC_5A_ n77A-34 50-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.780000	-0.001075	PASS
DC_5A_	30	5+70	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.880000	-0.001957	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VL	NT	-6.590000	-0.001888	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VN	NT	-17.680000	-0.005066	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	VH	NT	-14.100000	-0.004040	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.550000	-0.000444	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VN	NT	-12.700000	-0.003639	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	VH	NT	-11.400000	-0.003266	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VL	NT	-11.390000	-0.003254	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VN	NT	-10.520000	-0.003006	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	VH	NT	0.820000	0.000234	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	VL	NT	-11.930000	-0.003409	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	VN	NT	-13.030000	-0.003723	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	VH	NT	-0.080000	-0.000023	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VL	NT	-6.100000	-0.001738	PASS
DC_5A_	30	5+80	DFT-QPSK	M+H	Outer_Full	VN	NT	-9.710000	-0.002766	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	VH	NT	-9.040000	-0.002575	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VL	NT	-7.500000	-0.002137	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.500000	-0.000997	PASS
DC_5A_ n77A-34 50-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	VH	NT	-10.490000	-0.002989	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	VL	NT	-9.070000	-0.002595	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.770000	-0.002223	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	VH	NT	-16.890000	-0.004833	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	VL	NT	-6.890000	-0.001971	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.060000	-0.002020	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	VH	NT	-1.200000	-0.000343	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	VL	NT	-5.450000	-0.001557	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	VN	NT	-5.650000	-0.001614	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	VH	NT	-1.480000	-0.000423	PASS
DC_5A_	30	5+90	DFT-16QAM	M+M	Outer_Full	VL	NT	-5.240000	-0.001497	PASS

n77A-34 50-3550										
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	VN	NT	-7.640000	-0.002183	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	VH	NT	-1.850000	-0.000529	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	VL	NT	0.810000	0.000231	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	VN	NT	-17.120000	-0.004884	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	VH	NT	-22.830000	-0.006514	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	VL	NT	-12.640000	-0.003606	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	VN	NT	-7.230000	-0.002063	PASS
DC_5A_ n77A-34 50-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	VH	NT	-12.750000	-0.003638	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VL	NT	-6.850000	-0.001957	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VN	NT	-7.380000	-0.002109	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	VH	NT	-11.120000	-0.003177	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.220000	-0.000349	PASS
DC_5A_ n77A-34 50-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.780000	-0.002223	PASS
DC_5A_	30	5+100	DFT-16QAM	M+L	Outer_Full	VH	NT	-14.370000	-0.004106	PASS

n77A-3450-3550										
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VL	NT	-12.760000	-0.003646	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VN	NT	-12.190000	-0.003483	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	VH	NT	8.770000	0.002506	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VL	NT	-4.400000	-0.001257	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VN	NT	-12.800000	-0.003657	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	VH	NT	-10.970000	-0.003134	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VL	NT	-16.250000	-0.004643	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VN	NT	-8.100000	-0.002314	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	VH	NT	-2.500000	-0.000714	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.070000	-0.001163	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	VN	NT	4.730000	0.001351	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	VH	NT	-4.150000	-0.001186	PASS

Frequency Error VS. Temperature

Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	-9.080000	-0.002628	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	-3.610000	-0.001045	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	-1.330000	-0.000385	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	-7.860000	-0.002275	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	-9.950000	-0.002880	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	-6.120000	-0.001771	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	-11.720000	-0.003392	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	-10.690000	-0.003094	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	-10.530000	-0.003048	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	-7.740000	-0.002240	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	-11.220000	-0.003247	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.260000	-0.000944	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	-4.950000	-0.001433	PASS
DC_5A_n77A-34	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	-8.770000	-0.002538	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	-2.540000	-0.000735	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	0.360000	0.000104	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	-12.530000	-0.003627	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	-2.800000	-0.000810	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	-8.980000	-0.002566	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.490000	-0.000997	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	0.340000	0.000097	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	-7.760000	-0.002217	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	-15.040000	-0.004297	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	-5.560000	-0.001589	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	-11.010000	-0.003146	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	-8.160000	-0.002331	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	-1.230000	-0.000351	PASS
DC_5A_n77A-34	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	-8.090000	-0.002311	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	-8.720000	-0.002491	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.480000	-0.001280	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	-9.380000	-0.002680	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	-7.420000	-0.002120	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	-5.700000	-0.001629	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	3.870000	0.001106	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	4.580000	0.001309	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	-10.170000	-0.002906	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	-3.620000	-0.001021	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	-9.560000	-0.002697	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	-9.260000	-0.002612	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	-3.890000	-0.001097	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	-7.520000	-0.002121	PASS
DC_5A_n77A-34	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	-1.590000	-0.000449	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	-16.800000	-0.004739	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	-5.990000	-0.001690	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	-20.510000	-0.005786	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	-1.860000	-0.000525	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	-4.880000	-0.001377	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.010000	-0.001977	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	-11.860000	-0.003346	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	-8.240000	-0.002324	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	-8.700000	-0.002454	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	-5.100000	-0.001439	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	4.310000	0.001216	PASS
DC_5A_n77A-3450-3550	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	-8.570000	-0.002417	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	-9.790000	-0.002832	PASS
DC_5A_n77A-34	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	-14.590000	-0.004220	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	-20.860000	-0.006033	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	-12.370000	-0.003578	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	-12.510000	-0.003618	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	-6.530000	-0.001889	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	-11.260000	-0.003257	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	-4.230000	-0.001223	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	-6.410000	-0.001854	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	-2.190000	-0.000633	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	-5.220000	-0.001510	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	-2.140000	-0.000619	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	-10.950000	-0.003167	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	-5.020000	-0.001452	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	-11.040000	-0.003193	PASS
DC_5A_n77A-34	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	-6.550000	-0.001894	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	-3.540000	-0.001024	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	-6.060000	-0.001753	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	-19.940000	-0.005697	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	-15.430000	-0.004409	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.030000	-0.001151	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	-5.570000	-0.001591	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	-8.940000	-0.002554	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	-6.290000	-0.001797	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	-9.450000	-0.002700	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	-12.890000	-0.003683	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	-2.300000	-0.000657	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	-6.730000	-0.001900	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	-13.640000	-0.003850	PASS
DC_5A_n77A-34	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	-6.040000	-0.001705	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	-8.150000	-0.002301	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	-10.450000	-0.002950	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	-9.050000	-0.002555	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	-13.720000	-0.003873	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	-2.770000	-0.000782	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	-11.660000	-0.003291	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	-9.960000	-0.002812	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	-10.600000	-0.002992	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	-8.610000	-0.002430	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	-8.560000	-0.002416	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	-13.090000	-0.003695	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	-6.190000	-0.001747	PASS
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	-21.240000	-0.005996	PASS
DC_5A_n77A-34	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	-12.970000	-0.003661	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	-15.840000	-0.004471	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-14.150000	-0.004090	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	-7.330000	-0.002119	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	-9.690000	-0.002801	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	-13.530000	-0.003910	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-2.260000	-0.000653	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	-16.430000	-0.004749	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	-16.579999	-0.004792	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	-19.480000	-0.005630	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	-4.010000	-0.001159	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	-11.150000	-0.003223	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	-16.230000	-0.004691	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-5.060000	-0.001462	PASS
DC_5A_n77A-34	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	-4.230000	-0.001223	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-0.930000	-0.000269	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	-4.560000	-0.001318	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	-8.830000	-0.002552	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-7.310000	-0.002113	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	-12.720000	-0.003676	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	-12.260000	-0.003503	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	-4.350000	-0.001243	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	-6.680000	-0.001909	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	-10.930000	-0.003123	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	-11.280000	-0.003223	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	-4.750000	-0.001357	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	-9.010000	-0.002574	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	-0.160000	-0.000046	PASS
DC_5A_n77A-34	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	-2.400000	-0.000686	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	-9.580000	-0.002737	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	-10.160000	-0.002903	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-6.480000	-0.001851	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	-7.090000	-0.002026	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	-7.640000	-0.002183	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	-11.260000	-0.003217	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	-7.120000	-0.002033	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	-10.230000	-0.002923	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	-14.370000	-0.004106	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-9.360000	-0.002644	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	-10.790000	-0.003048	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-9.360000	-0.002644	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-6.290000	-0.001777	PASS
DC_5A_n77A-34	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-5.510000	-0.001556	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-10.600000	-0.002994	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-8.570000	-0.002421	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-2.049999	-0.000579	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-15.270000	-0.004314	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-15.080000	-0.004260	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-2.810000	-0.000794	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-4.280000	-0.001209	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-12.940000	-0.003655	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	-9.220000	-0.002605	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-12.380000	-0.003497	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-15.610000	-0.004410	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	-19.120000	-0.005401	PASS
DC_5A_n77A-3450-3550	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-13.190000	-0.003726	PASS
DC_5A_n77A-34	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-30	-8.520000	-0.002459	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-20	-5.500000	-0.001587	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-10	-12.840000	-0.003706	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	0	-13.660000	-0.003942	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	10	-6.130000	-0.001769	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	20	-12.210000	-0.003524	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	30	-5.430000	-0.001567	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	40	-6.790000	-0.001960	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	50	-7.720000	-0.002228	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-30	-10.880000	-0.003140	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-20	-13.590000	-0.003922	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-10	-4.530000	-0.001307	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	0	-10.840000	-0.003128	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	10	-3.300000	-0.000952	PASS
DC_5A_n77A-34	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	20	-11.900000	-0.003434	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	30	-4.710000	-0.001359	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	40	-5.580000	-0.001610	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	50	2.150000	0.000620	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-30	-3.110000	-0.000889	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-20	-12.600000	-0.003600	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-10	-15.080000	-0.004309	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	0	-4.340000	-0.001240	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	10	-0.590000	-0.000169	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	20	-14.690000	-0.004197	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	30	-10.650000	-0.003043	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	40	-2.170000	-0.000620	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	50	-11.060000	-0.003160	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.270000	-0.002077	PASS
DC_5A_n77A-34	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-20	-5.870000	-0.001677	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-10	-0.740000	-0.000211	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	0	-4.580000	-0.001309	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	10	-5.270000	-0.001506	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	20	-10.360000	-0.002960	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	30	-4.560000	-0.001303	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	40	-5.000000	-0.001429	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	50	-8.350000	-0.002386	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-30	-4.080000	-0.001154	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-20	-11.780000	-0.003332	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-10	-7.640000	-0.002161	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	0	-6.040000	-0.001709	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	10	-20.930000	-0.005921	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	20	-8.780000	-0.002484	PASS
DC_5A_n77A-34	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	30	-3.040000	-0.000860	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	40	-10.650000	-0.003013	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	50	-9.620000	-0.002721	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-30	-3.350000	-0.000948	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-20	-3.650000	-0.001033	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-10	-10.100000	-0.002857	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	0	-4.800000	-0.001358	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	10	-7.290000	-0.002062	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	20	-6.770000	-0.001915	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	30	-9.250000	-0.002617	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	40	-4.860000	-0.001375	PASS
DC_5A_n77A-3450-3550	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	50	-12.360000	-0.003496	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-30	-10.130000	-0.002919	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.350000	-0.001254	PASS
DC_5A_n77A-34	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-10	-6.490000	-0.001870	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	0	-4.030000	-0.001161	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	10	-5.340000	-0.001539	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	20	-4.320000	-0.001245	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	30	-9.740000	-0.002807	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	40	-1.490000	-0.000429	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	50	-0.670000	-0.000193	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-30	-5.640000	-0.001625	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-20	2.700000	0.000778	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-10	0.520000	0.000150	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	0	-5.180000	-0.001493	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	10	-3.920000	-0.001130	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	20	-7.380000	-0.002127	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	30	-13.000000	-0.003746	PASS
DC_5A_n77A-34	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	40	-2.600000	-0.000749	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	50	-6.610000	-0.001905	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-30	-18.060000	-0.005160	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-20	-11.990000	-0.003426	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-10	-8.920000	-0.002549	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	0	-4.530000	-0.001294	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	10	-5.810000	-0.001660	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	20	-8.820000	-0.002520	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	30	-14.730000	-0.004209	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	40	-5.560000	-0.001589	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	50	-15.120000	-0.004320	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-30	-2.460000	-0.000703	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-20	-4.780000	-0.001366	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-10	-9.220000	-0.002634	PASS
DC_5A_n77A-34	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	0	-14.660000	-0.004189	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	10	-3.490000	-0.000997	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	20	-7.110000	-0.002030	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	30	-8.119999	-0.002320	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	40	-3.360000	-0.000960	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	50	-7.260000	-0.002074	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-30	-4.750000	-0.001346	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.370000	-0.000955	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-10	-8.119999	-0.002300	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	0	-7.830000	-0.002218	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	10	-2.790000	-0.000790	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	20	-13.760000	-0.003898	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	30	-4.019999	-0.001139	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	40	-12.120000	-0.003433	PASS
DC_5A_n77A-34	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	50	-5.820000	-0.001649	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-30	-0.930000	-0.000263	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-20	-1.500000	-0.000425	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-10	2.340000	0.000663	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	0	-4.460000	-0.001263	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	10	-10.390000	-0.002943	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	20	-10.080000	-0.002856	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	30	-0.110000	-0.000031	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	40	-6.500000	-0.001841	PASS
DC_5A_n77A-3450-3550	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	50	-10.280000	-0.002912	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-30	-3.150000	-0.000906	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-20	-2.290000	-0.000659	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-10	-9.760000	-0.002809	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	0	-7.930000	-0.002282	PASS
DC_5A_n77A-34	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	10	-11.630000	-0.003347	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	20	-3.900000	-0.001122	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	30	-4.150000	-0.001194	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	40	-10.080000	-0.002901	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	50	-11.910000	-0.003427	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-30	-6.200000	-0.001784	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-20	-8.060000	-0.002319	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.360000	-0.000967	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	0	-8.279999	-0.002383	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	10	-5.490000	-0.001580	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	20	-10.180000	-0.002930	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	30	-3.910000	-0.001125	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	40	-11.450000	-0.003295	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	50	-9.850000	-0.002835	PASS
DC_5A_n77A-34	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-30	-8.530000	-0.002437	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-20	-11.520000	-0.003291	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-10	-13.220000	-0.003777	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	0	-2.420000	-0.000691	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	10	2.780000	0.000794	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	20	-6.100000	-0.001743	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	30	-3.850000	-0.001100	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	40	-10.070000	-0.002877	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	50	-6.430000	-0.001837	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.870000	-0.002249	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.640000	-0.001040	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.510000	-0.001574	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	0	-7.960000	-0.002274	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	10	-5.470000	-0.001563	PASS
DC_5A_n77A-34	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	20	-2.790000	-0.000797	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	30	-5.900000	-0.001686	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	40	-13.030000	-0.003723	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	50	-4.930000	-0.001409	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-30	-1.850000	-0.000525	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-20	-7.650000	-0.002170	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-10	-17.760000	-0.005038	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	0	-7.610000	-0.002159	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	10	-11.640000	-0.003302	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	20	-9.720000	-0.002757	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	30	-13.150000	-0.003730	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	40	-6.960000	-0.001974	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	50	-7.180000	-0.002037	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-30	-12.370000	-0.003509	PASS
DC_5A_n77A-34	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-20	-8.770000	-0.002488	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-10	-4.730000	-0.001342	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	0	-14.930000	-0.004235	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	10	-7.770000	-0.002204	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	20	-10.870000	-0.003084	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	30	-4.050000	-0.001149	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	40	-2.790000	-0.000791	PASS
DC_5A_n77A-3450-3550	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	50	-8.720000	-0.002474	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-30	-4.860000	-0.001397	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-20	-3.280000	-0.000943	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-10	-11.120000	-0.003195	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	0	-7.590000	-0.002181	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	10	-8.840000	-0.002540	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	20	-10.060000	-0.002891	PASS
DC_5A_n77A-34	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	30	-9.410000	-0.002704	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	40	-12.040000	-0.003460	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	50	-17.790000	-0.005112	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-30	5.990000	0.001721	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-20	-7.710000	-0.002216	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-10	-6.690000	-0.001922	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	0	-2.060000	-0.000592	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	10	-7.040000	-0.002023	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	20	-7.290000	-0.002095	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	30	-3.600000	-0.001034	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	40	-9.470000	-0.002721	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	50	-5.790000	-0.001664	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-30	-10.010000	-0.002860	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-20	-11.510000	-0.003289	PASS
DC_5A_n77A-34	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-10	-8.240000	-0.002354	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	0	-7.390000	-0.002111	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	10	-12.370000	-0.003534	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	20	-1.200000	-0.000343	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	30	-7.010000	-0.002003	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	40	-7.660000	-0.002189	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	50	-7.780000	-0.002223	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-30	-11.930000	-0.003409	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-20	-0.020000	-0.000006	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-10	-14.650000	-0.004186	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	0	-4.580000	-0.001309	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	10	-6.800000	-0.001943	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	20	-3.210000	-0.000917	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	30	-6.200000	-0.001771	PASS
DC_5A_n77A-34	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	40	-15.240000	-0.004354	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	50	-7.870000	-0.002249	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-30	-9.400000	-0.002670	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-20	-11.310000	-0.003213	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-10	-6.230000	-0.001770	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	0	-6.090000	-0.001730	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	10	-15.160000	-0.004307	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	20	-10.360000	-0.002943	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	30	-7.220000	-0.002051	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	40	-21.690000	-0.006162	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	50	-8.850000	-0.002514	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-30	-8.289999	-0.002355	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-20	-15.820000	-0.004494	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-10	-10.900000	-0.003097	PASS
DC_5A_n77A-34	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	0	-8.840000	-0.002511	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	10	-8.580000	-0.002438	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	20	-9.920000	-0.002818	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	30	-2.630000	-0.000747	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	40	-10.060000	-0.002858	PASS
DC_5A_n77A-3450-3550	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	50	-14.240000	-0.004045	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-30	1.350000	0.000387	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-20	-5.990000	-0.001719	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	-10	-9.730000	-0.002792	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	0	-10.570000	-0.003033	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	10	-5.420000	-0.001555	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	20	-8.940000	-0.002565	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	30	-8.359999	-0.002399	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	40	-4.640000	-0.001331	PASS
DC_5A_n77A-34	30	5+70	DFT-QPSK	M+L	Outer_Full	NV	50	-13.090000	-0.003756	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-30	-11.030000	-0.003165	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-20	-4.960000	-0.001423	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	-10	-10.520000	-0.003019	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	0	-9.480000	-0.002720	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	10	-12.010000	-0.003446	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	20	-8.150000	-0.002339	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	30	-5.450000	-0.001564	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	40	-7.490000	-0.002149	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+L	Outer_Full	NV	50	-12.040000	-0.003455	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-30	-3.480000	-0.000994	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.940000	-0.000840	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	-10	-12.080000	-0.003451	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	0	-7.390000	-0.002111	PASS
DC_5A_n77A-34	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	10	-4.019999	-0.001149	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	20	-4.400000	-0.001257	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	30	-4.620000	-0.001320	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	40	-10.160000	-0.002903	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-QPSK	M+M	Outer_Full	NV	50	-13.150000	-0.003757	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-30	0.490000	0.000140	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-20	-4.730000	-0.001351	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.800000	-0.001657	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	0	-11.230000	-0.003209	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	10	-14.210000	-0.004060	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	20	-7.950000	-0.002271	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	30	-10.920000	-0.003120	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	40	-8.700000	-0.002486	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+M	Outer_Full	NV	50	-6.180000	-0.001766	PASS
DC_5A_n77A-34	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-30	-5.090000	-0.001448	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-20	-2.490000	-0.000708	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	-10	-9.770000	-0.002780	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	0	-14.070000	-0.004002	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	10	-0.880000	-0.000250	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	20	-8.800000	-0.002504	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	30	-9.630000	-0.002740	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	40	-8.220000	-0.002339	PASS
DC_5A_n77A-3450-3550	30	5+70	DFT-16QAM	M+H	Outer_Full	NV	50	-17.660000	-0.005024	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-30	-2.009999	-0.000576	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-20	-13.620000	-0.003903	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-10	-2.790000	-0.000799	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	0	-0.890000	-0.000255	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	10	-11.820000	-0.003387	PASS
DC_5A_n77A-34	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	20	-10.610000	-0.003040	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	30	-14.410000	-0.004129	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	40	-6.170000	-0.001768	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	50	-0.340000	-0.000097	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-30	-6.110000	-0.001751	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-20	-7.300000	-0.002092	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-10	-6.880000	-0.001971	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	0	-9.930000	-0.002845	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	10	-7.970000	-0.002284	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	20	-12.310000	-0.003527	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	30	-13.000000	-0.003725	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	40	1.780000	0.000510	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	50	-12.170000	-0.003487	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-30	-14.030000	-0.004009	PASS
DC_5A_n77A-34	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-20	-9.080000	-0.002594	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-10	-4.760000	-0.001360	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	0	-3.010000	-0.000860	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	10	-6.690000	-0.001911	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	20	-6.820000	-0.001949	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	30	-4.350000	-0.001243	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	40	0.940000	0.000269	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	50	-12.970000	-0.003706	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-30	-6.440000	-0.001840	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-20	-11.820000	-0.003377	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-10	-12.920000	-0.003691	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	0	-6.060000	-0.001731	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	10	-3.970000	-0.001134	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	20	-11.270000	-0.003220	PASS
DC_5A_n77A-34	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	30	-7.590000	-0.002169	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	40	-6.360000	-0.001817	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	50	-7.080000	-0.002023	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-30	-11.500000	-0.003276	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-20	-6.550000	-0.001866	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-10	-5.930000	-0.001689	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	0	-11.660000	-0.003322	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	10	-4.810000	-0.001370	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	20	-4.990000	-0.001422	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	30	-16.469999	-0.004692	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	40	-7.510000	-0.002140	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	50	-11.790000	-0.003359	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-30	-9.580000	-0.002729	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-20	-15.650000	-0.004459	PASS
DC_5A_n77A-34	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-10	-6.860000	-0.001954	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	0	-10.740000	-0.003060	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	10	-13.230000	-0.003769	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	20	-8.119999	-0.002313	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	30	-6.290000	-0.001792	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	40	-3.730000	-0.001063	PASS
DC_5A_n77A-3450-3550	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	50	-8.800000	-0.002507	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-30	-9.990000	-0.002858	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-20	-10.240000	-0.002930	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-10	-6.600000	-0.001888	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	0	-7.570000	-0.002166	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	10	-3.080000	-0.000881	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	20	-9.800000	-0.002804	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	30	-1.170000	-0.000335	PASS
DC_5A_n77A-34	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	40	-10.850000	-0.003104	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	50	-1.260000	-0.000361	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-30	-14.800000	-0.004235	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-20	-11.220000	-0.003210	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-10	-11.270000	-0.003225	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	0	-2.330000	-0.000667	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	10	-14.160000	-0.004052	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	20	-5.120000	-0.001465	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	30	-12.490000	-0.003574	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	40	-7.730000	-0.002212	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	50	-5.280000	-0.001511	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-30	-3.950000	-0.001129	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-20	-7.930000	-0.002266	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-10	-10.690000	-0.003054	PASS
DC_5A_n77A-34	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	0	-10.820000	-0.003091	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	10	-3.640000	-0.001040	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	20	2.730000	0.000780	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	30	-7.910000	-0.002260	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	40	-10.550000	-0.003014	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	50	-2.470000	-0.000706	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-30	-5.700000	-0.001629	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-20	-6.940000	-0.001983	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-10	-3.510000	-0.001003	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	0	-6.730000	-0.001923	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	10	-16.780000	-0.004794	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	20	-8.000000	-0.002286	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	30	-6.530000	-0.001866	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	40	-6.320000	-0.001806	PASS
DC_5A_n77A-34	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	50	-9.710000	-0.002774	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-30	-4.390000	-0.001253	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-20	-16.350000	-0.004665	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-10	-13.690000	-0.003906	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	0	-9.770000	-0.002787	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	10	-10.190000	-0.002907	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	20	-14.420000	-0.004114	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	30	-10.380000	-0.002961	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	40	-4.059999	-0.001158	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	50	-11.490000	-0.003278	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-30	-12.270000	-0.003501	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-20	-6.180000	-0.001763	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-10	-5.930000	-0.001692	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	0	-4.640000	-0.001324	PASS
DC_5A_n77A-34	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	10	-7.840000	-0.002237	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	20	-10.160000	-0.002899	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	30	-9.470000	-0.002702	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	40	-10.870000	-0.003101	PASS
DC_5A_n77A-3450-3550	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	50	-1.070000	-0.000305	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-30	-8.359999	-0.002389	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-20	-9.150000	-0.002614	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-10	-5.350000	-0.001529	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	0	-9.030000	-0.002580	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	10	-8.820000	-0.002520	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	20	-6.450000	-0.001843	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	30	-12.040000	-0.003440	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	40	-12.020000	-0.003434	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	50	-4.730000	-0.001351	PASS
DC_5A_n77A-34	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-30	-6.370000	-0.001820	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-20	-15.370000	-0.004391	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-10	-15.150000	-0.004329	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	0	-3.670000	-0.001049	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	10	3.120000	0.000891	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	20	-8.350000	-0.002386	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	30	-3.930000	-0.001123	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	40	-8.080000	-0.002309	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	50	-4.870000	-0.001391	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-30	-11.160000	-0.003189	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-20	-1.450000	-0.000414	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-10	-12.010000	-0.003431	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	0	-13.860000	-0.003960	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	10	-15.560000	-0.004446	PASS
DC_5A_n77A-34	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	20	-7.960000	-0.002274	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	30	-3.700000	-0.001057	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	40	-4.400000	-0.001257	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	50	-7.270000	-0.002077	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.870000	-0.002249	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-20	-2.120000	-0.000606	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-10	-9.630000	-0.002751	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	0	-18.470000	-0.005277	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	10	-14.370000	-0.004106	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	20	-12.120000	-0.003463	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	30	-12.100000	-0.003457	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	40	-4.410000	-0.001260	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	50	-5.720000	-0.001634	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-30	-10.700000	-0.003057	PASS
DC_5A_n77A-34	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-20	-2.650000	-0.000757	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-10	-6.820000	-0.001949	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	0	3.260000	0.000931	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	10	-12.830000	-0.003666	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	20	-6.420000	-0.001834	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	30	-13.610000	-0.003889	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	40	-1.930000	-0.000551	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	50	-7.150000	-0.002043	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-30	-8.260000	-0.002360	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-20	-4.550000	-0.001300	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-10	-10.760000	-0.003074	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	0	-5.380000	-0.001537	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	10	-15.340000	-0.004383	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	20	-10.710000	-0.003060	PASS
DC_5A_n77A-34	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	30	4.510000	0.001289	PASS

50-3550										
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	40	-9.250000	-0.002643	PASS
DC_5A_n77A-3450-3550	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	50	-3.850000	-0.001100	PASS