This sheet is used to design the path to be analyzed, and to set path Input Parameters

PATH INPUT SIGNAL PARAMETERS:

Input Level At Freq Max (dBmV):	48.00
Tilt (dB):	12.50
Temp (Deg C):	23.00 <<< Change to ReCalculate
Tilt Freq Max (MHz):	870.00
Tilt Freq Min (MHz):	50.00

Note: Yellows blocks designate input parameters

CTB Add Factor (X*LOG)	20
XMOD Add Factor (X*LOG)	20
CSOLO Add Factor (X*LOG)	10
CSOHI Add Factor (X*LOG)	10

>>> Save Path to Baseline <<< Copy Baseline to Path

PATH INPUT SIGNAL/CARRIER TO NOISE

Analysis Freq (MHz)	Input Signal (dBmV)	Tilt Input Signal (dBmV)	Input C/N (dB)	Level Calculated C/N
50	35.50	35.50	94.67	94.67
250	38.55	38.55	97.72	97.72
425	41.22	41.22	100.39	100.39
550	43.12	43.12	102.29	102.29
650	44.65	44.65	103.82	103.82
750	46.17	46.17	105.34	105.34
870	48.00	48.00	107.17	107.17

1. Use Tilt Input Signal >>> <<< 2. Use Signal Level Calculated C/N

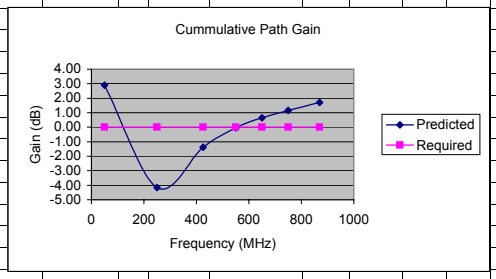
PATH INPUT DISTORTIONS

Max Freq (MHz)	Channel Loading	Input CTB	Input XMOD	Input CSO LO	Input CSO HI
550	79 CH Analog	210	210	210	210
650	95 CH Analog	210	210	210	210
750	112 CH Analog	210	210	210	210

Path Performance Indicated at: Lib Ref No: FWDMISC <<< Change to ReCalculate
Path Location No: 209
Component Label: Miscellanous components

NonLinear_Comp_Library_1_09.xls

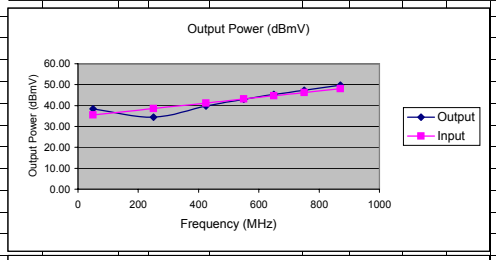
No:	Lib Ref No:	28		VB Function Label	Final Path Definition	Component Label
1	VBFN_RF_CABLE %	86	>>>>	VBFN40.0RFCABLE01-099%	VBFN40.0RFCABLE01-099%	RF Cable 01 40.0 dB 099%
2	VBFN_RF_PASSIVE %	85	>>>>	VBFN40.0PASSIVE01-001%	VBFN40.0PASSIVE01-001%	RF Passive 01 40.0 dB 001%
3	SOCKETLOSS	3	<		SOCKETLOSS	Socket Losses
4	CHOKE	5	<		CHOKE	Choke
5	TESTPOINT	6	<		TESTPOINT	Testpoint
6	INPUTDIPLEX	7	<		INPUTDIPLEX	Input Diplexer
7	PLUGPAD0.00DB	9	<		PLUGPAD0.00DB	Plug-in Pad 0.0 dB
8	VBFN_FWD_EQLZR	87	>>>>	VBFN26.0FWDEQLZ01050-87	VBFN26.0FWDEQLZ01050-870	Forward Eq01 26.0 dB
9	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry
10	FWDMISC	37	<		FWDMISC	Miscellanous components
11	aHYB_BGY887B	44	<		aHYB_BGY887B	Hybrid Amp BGY887B
12	THERMALCOMP	57	<		THERMALCOMP	Thermal Compensation
13	PLUGPAD2.0DB	15	<		PLUGPAD2.0DB	Plug-in Pad 2.0 dB
14	PLUGPAD3.0DB	17	<		PLUGPAD3.0DB	Plug-in Pad 3.0 dB
15	VBFN_FWD_EQLZR	87	>>>>	VBFN18.0FWDEQLZ02050-87	VBFN18.0FWDEQLZ02050-870	Forward Eq02 18.0 dB
16	DIPLEXROLLCOMP	58	<		DIPLEXROLLCOMP	Diplex Roll Compensation
17	FWDDEBUMPER	59	<		FWDDEBUMPER	Forward Debumper
18	SIOPECON_SIGCORR	60	<		SIOPECON_SIGCORR	Slope Control/ Signature Correctio
19	SYSCOMPEQUAL-0	61	<		SYSCOMPEQUAL-0	System Compensation Equalizer (
20	HYB_MHW8205	50	<		HYB_MHW8205	Hybrid Amp MHW8205
21	FWDMISC	37	<		FWDMISC	Miscellanous components
22	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry
23	SYSCOMPCONTL	64	<		SYSCOMPCONTL	System Compensation Controller
24	RFPOWERDVDR	65	<		RFPOWERDVDR	RF Power Divider
25	RFPOWERDVDR	65	<		RFPOWERDVDR	RF Power Divider
26	PLUGPAD2.5DB	16	<		PLUGPAD2.5DB	Plug-in Pad 2.5 dB
27	HYB_MHW8205	50	<		HYB_MHW8205	Hybrid Amp MHW8205
28	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry
29	EMSCONTROLFWD	67	<		EMSCONTROLFWD	EMS Control Forward
30	OUTPUTDIPLEX	8	<		OUTPUTDIPLEX	Output Diplexer
31	TESTPOINT	6	<		TESTPOINT	Testpoint
32	CHOKE	5	<		CHOKE	Choke
33	SEIZURE	4	<		SEIZURE	Seizure
34	FWDMISC	37	<		FWDMISC	Miscellanous components
35	----------	81	<	**Span 2:**	----------	Marker
36	VBFN_RF_CABLE %	86	>>>>	VBFN40.0RFCABLE01-099%	VBFN40.0RFCABLE01-099%	RF Cable 01 40.0 dB 099%
37	VBFN_RF_PASSIVE %	85	>>>>	VBFN40.0PASSIVE01-001%	VBFN40.0PASSIVE01-001%	RF Passive 01 40.0 dB 001%
38	SEIZURE	4	<		SEIZURE	Seizure
39	CHOKE	5	<		CHOKE	Choke
40	TESTPOINT	6	<		TESTPOINT	Testpoint
41	INPUTDIPLEX	7	<		INPUTDIPLEX	Input Diplexer
42	PLUGPAD0.00DB	9	<		PLUGPAD0.00DB	Plug-in Pad 0.0 dB
43	VBFN_FWD_EQLZR	87	>>>>	VBFN26.0FWDEQLZ01050-87	VBFN26.0FWDEQLZ01050-870	Forward Eq01 26.0 dB
44	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry
45	FWDMISC	37	<		FWDMISC	Miscellanous components
46	aHYB_BGY887B	44	<		aHYB_BGY887B	Hybrid Amp BGY887B
47	THERMALCOMP	57	<		THERMALCOMP	Thermal Compensation
48	PLUGPAD2.0DB	15	<		PLUGPAD2.0DB	Plug-in Pad 2.0 dB
49	PLUGPAD3.0DB	17	<		PLUGPAD3.0DB	Plug-in Pad 3.0 dB
50	VBFN_FWD_EQLZR	87	>>>>	VBFN18.0FWDEQLZ02050-87	VBFN18.0FWDEQLZ02050-870	Forward Eq02 18.0 dB
51	DIPLEXROLLCOMP	58	<		DIPLEXROLLCOMP	Diplex Roll Compensation
52	FWDDEBUMPER	59	<		FWDDEBUMPER	Forward Debumper
53	SIOPECON_SIGCORR	60	<		SIOPECON_SIGCORR	Slope Control/ Signature Correctio
54	SYSCOMPEQUAL-0	61	<		SYSCOMPEQUAL-0	System Compensation Equalizer (
55	HYB_MHW8205	50	<		HYB_MHW8205	Hybrid Amp MHW8205
56	FWDMISC	37	<		FWDMISC	Miscellanous components
57	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry
58	SYSCOMPCONTL	64	<		SYSCOMPCONTL	System Compensation Controller
59	RFPOWERDVDR	65	<		RFPOWERDVDR	RF Power Divider
60	RFPOWERDVDR	65	<		RFPOWERDVDR	RF Power Divider
61	PLUGPAD2.5DB	16	<		PLUGPAD2.5DB	Plug-in Pad 2.5 dB
62	HYB_MHW8205	50	<		HYB_MHW8205	Hybrid Amp MHW8205
63	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry
64	EMSCONTROLFWD	67	<		EMSCONTROLFWD	EMS Control Forward
65	OUTPUTDIPLEX	8	<		OUTPUTDIPLEX	Output Diplexer
66	TESTPOINT	6	<		TESTPOINT	Testpoint
67	CHOKE	5	<		CHOKE	Choke
68	SEIZURE	4	<		SEIZURE	Seizure
69	FWDMISC	37	<		FWDMISC	Miscellanous components
70	----------	81	<	**Span 3:**	----------	Marker
71	VBFN_RF_CABLE %	86	>>>>	VBFN40.0RFCABLE01-099%	VBFN40.0RFCABLE01-099%	RF Cable 01 40.0 dB 099%

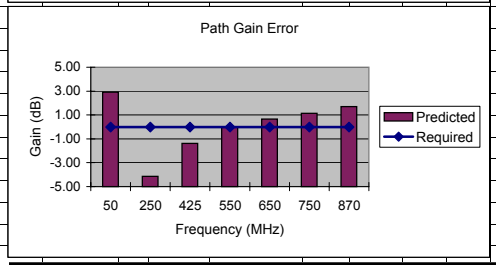


PATH OUTPUT PERFORMANCE (POWER, GAIN, TILT)

Req Output Level at Freq Max (dBmV): 48.00
Req Output Tilt (dB): 12.50

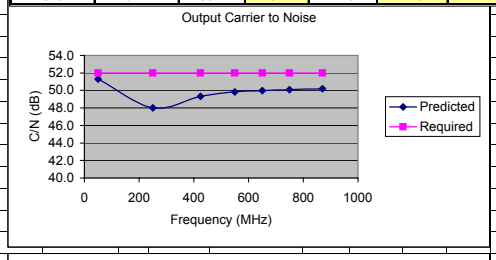
Freq (MHz)	Input Signal (dBmV)	Required Output Signal (dBmV)	Required Path Gain (dB)	Predicted Path Gain (dB)	Predicted Output Signal (dBmV)	Gain Error (dB)	Output Signal Error (dBmV)
50	35.50	35.50	0.00	2.90	38.40	2.90	2.90
250	38.55	38.55	0.00	-4.15	34.39	-4.15	-4.15
425	41.22	41.22	0.00	-1.38	39.84	-1.38	-1.38
550	43.12	43.12	0.00	-0.05	43.07	-0.05	-0.05
650	44.65	44.65	0.00	0.65	45.30	0.65	0.65
750	46.17	46.17	0.00	1.15	47.32	1.15	1.15
870	48.00	48.00	0.00	1.70	49.70	1.70	1.70





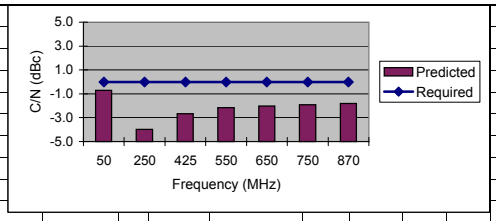
CARRIER TO NOISE PERFORMANCE

Frequency (MHz)	Input Carrier to Noise	Predicted Output C/N	Required Output C/N	C/N Margin	Node	EOL Required	Cascade Depth N (with Node)
50	94.67	51.3	52	-0.7	210	47	2.7
250	97.72	48.0	52	-4.0	210	47	1.3
425	100.39	49.3	52	-2.7	210	47	1.7
550	102.29	49.8	52	-2.2	210	47	1.9
650	103.82	50.0	52	-2.0	210	47	2.0
750	105.34	50.1	52	-1.9	210	47	2.0
870	107.17	50.2	52	-1.8	210	47	2.1



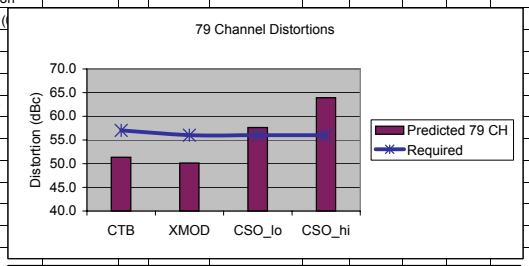
Carrier to Noise Margin

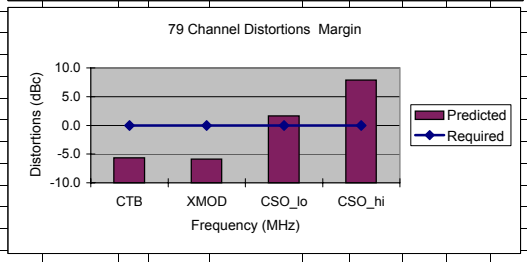
72	VBFN_RF_PASSIVE %	85	>>>>	VBFN40.0PASSIVE01-001%	VBFN40.0PASSIVE01-001%	RF Passive 01 40.0 dB 001%	
73	SEIZURE	4	<		SEIZURE	Seizure	
74	CHOKE	5	<		CHOKE	Choke	
75	TESTPOINT	6	<		TESTPOINT	Testpoint	
76	INPUTDIPLEX	7	<		INPUTDIPLEX	Input Diplexer	
77	PLUGPAD0.00DB	9	<		PLUGPAD0.00DB	Plug-in Pad 0.0 dB	
78	VBFN_FWD_EQLZR	87	>>>>	VBFN26.0FWDEQLZ01050-87	VBFN26.0FWDEQLZ01050-870	Forward Eq01 26.0 dB	
79	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry	
80	FWDMISC	37	<		FWDMISC	Miscellanous components	
81	aHYB_BGY887B	44	<		aHYB_BGY887B	Hybrid Amp BGY887B	
82	THERMALCOMP	57	<		THERMALCOMP	Thermal Compensation	
83	PLUGPAD2.0DB	15	<		PLUGPAD2.0DB	Plug-in Pad 2.0 dB	
84	PLUGPAD3.0DB	17	<		PLUGPAD3.0DB	Plug-in Pad 3.0 dB	
85	VBFN_FWD_EQLZR	87	>>>>	VBFN18.0FWDEQLZ02050-87	VBFN18.0FWDEQLZ02050-870	Forward Eq02 18.0 dB	
86	DIPLEXROLLCOMP	58	<		DIPLEXROLLCOMP	Diplex Roll Compensation	
87	FWDDEBUMPER	59	<		FWDDEBUMPER	Forward Debumper	
88	SIOPECON_SIGCORR	60	<		SIOPECON_SIGCORR	Slope Control/ Signature Correction	
89	SYSCOMPEQUAL-0	61	<		SYSCOMPEQUAL-0	System Compensation Equalizer (	
90	HYB_MHW8205	50	<		HYB_MHW8205	Hybrid Amp MHW8205	
91	FWDMISC	37	<		FWDMISC	Miscellanous components	
92	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry	
93	SYSCOMPCONTL	64	<		SYSCOMPCONTL	System Compensation Controller	
94	RFPOWERDVDR	65	<		RFPOWERDVDR	RF Power Divider	
95	RFPOWERDVDR	65	<		RFPOWERDVDR	RF Power Divider	
96	PLUGPAD2.5DB	16	<		PLUGPAD2.5DB	Plug-in Pad 2.5 dB	
97	HYB_MHW8205	50	<		HYB_MHW8205	Hybrid Amp MHW8205	
98	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry	
99	EMSCONTROLFWD	67	<		EMSCONTROLFWD	EMS Control Forward	
100	OUTPUTDIPLEX	8	<		OUTPUTDIPLEX	Output Diplexer	
101	TESTPOINT	6	<		TESTPOINT	Testpoint	
102	CHOKE	5	<		CHOKE	Choke	
103	SEIZURE	4	<		SEIZURE	Seizure	
104	FWDMISC	37	<		FWDMISC	Miscellanous components	
105	----------	81	<	**Span 4:**	----------	Marker	
106	VBFN_RF_CABLE %	86	>>>>	VBFN40.0RFCABLE01-099%	VBFN40.0RFCABLE01-099%	RF Cable 01 40.0 dB 099%	
107	VBFN_RF_PASSIVE %	85	>>>>	VBFN40.0PASSIVE01-001%	VBFN40.0PASSIVE01-001%	RF Passive 01 40.0 dB 001%	
108	SEIZURE	4	<		SEIZURE	Seizure	
109	CHOKE	5	<		CHOKE	Choke	
110	TESTPOINT	6	<		TESTPOINT	Testpoint	
111	INPUTDIPLEX	7	<		INPUTDIPLEX	Input Diplexer	
112	PLUGPAD0.00DB	9	<		PLUGPAD0.00DB	Plug-in Pad 0.0 dB	
113	VBFN_FWD_EQLZR	87	>>>>	VBFN26.0FWDEQLZ01050-87	VBFN26.0FWDEQLZ01050-870	Forward Eq01 26.0 dB	
114	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry	
115	FWDMISC	37	<		FWDMISC	Miscellanous components	
116	aHYB_BGY887B	44	<		aHYB_BGY887B	Hybrid Amp BGY887B	
117	THERMALCOMP	57	<		THERMALCOMP	Thermal Compensation	
118	PLUGPAD2.0DB	15	<		PLUGPAD2.0DB	Plug-in Pad 2.0 dB	
119	PLUGPAD3.0DB	17	<		PLUGPAD3.0DB	Plug-in Pad 3.0 dB	
120	VBFN_FWD_EQLZR	87	>>>>	VBFN18.0FWDEQLZ02050-87	VBFN18.0FWDEQLZ02050-870	Forward Eq02 18.0 dB	
121	DIPLEXROLLCOMP	58	<		DIPLEXROLLCOMP	Diplex Roll Compensation	
122	FWDDEBUMPER	59	<		FWDDEBUMPER	Forward Debumper	
123	SIOPECON_SIGCORR	60	<		SIOPECON_SIGCORR	Slope Control/ Signature Correctio	
124	SYSCOMPEQUAL-0	61	<		SYSCOMPEQUAL-0	System Compensation Equalizer (	
125	HYB_MHW8205	50	<		HYB_MHW8205	Hybrid Amp MHW8205	
126	FWDMISC	37	<		FWDMISC	Miscellanous components	
127	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry	
128	SYSCOMPCONTL	64	<		SYSCOMPCONTL	System Compensation Controller	
129	RFPOWERDVDR	65	<		RFPOWERDVDR	RF Power Divider	
130	RFPOWERDVDR	65	<		RFPOWERDVDR	RF Power Divider	
131	PLUGPAD2.5DB	16	<		PLUGPAD2.5DB	Plug-in Pad 2.5 dB	
132	HYB_MHW8205	50	<		HYB_MHW8205	Hybrid Amp MHW8205	
133	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry	
134	EMSCONTROLFWD	67	<		EMSCONTROLFWD	EMS Control Forward	
135	OUTPUTDIPLEX	8	<		OUTPUTDIPLEX	Output Diplexer	
136	TESTPOINT	6	<		TESTPOINT	Testpoint	
137	CHOKE	5	<		CHOKE	Choke	
138	SEIZURE	4	<		SEIZURE	Seizure	
139	FWDMISC	37	<		FWDMISC	Miscellanous components	
140	----------	81	<	**Span 5:**	----------	Marker	
141	VBFN_RF_CABLE %	86	>>>>	VBFN40.0RFCABLE01-099%	VBFN40.0RFCABLE01-099%	RF Cable 01 40.0 dB 099%	
142	VBFN_RF_PASSIVE %	85	>>>>	VBFN40.0PASSIVE01-001%	VBFN40.0PASSIVE01-001%	RF Passive 01 40.0 dB 001%	
143	SEIZURE	4	<		SEIZURE	Seizure	
144	CHOKE	5	<		CHOKE	Choke	
145	TESTPOINT	6	<		TESTPOINT	Testpoint	
146	INPUTDIPLEX	7	<		INPUTDIPLEX	Input Diplexer	
147	PLUGPAD0.00DB	9	<		PLUGPAD0.00DB	Plug-in Pad 0.0 dB	
148	VBFN_FWD_EQLZR	87	>>>>	VBFN26.0FWDEQLZ01050-87	VBFN26.0FWDEQLZ01050-870	Forward Eq01 26.0 dB	
149	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry	
150	FWDMISC	37	<		FWDMISC	Miscellanous components	
151	aHYB_BGY887B	44	<		aHYB_BGY887B	Hybrid Amp BGY887B	
152	THERMALCOMP	57	<		THERMALCOMP	Thermal Compensation	
153	PLUGPAD2.0DB	15	<		PLUGPAD2.0DB	Plug-in Pad 2.0 dB	
154	PLUGPAD3.0DB	17	<		PLUGPAD3.0DB	Plug-in Pad 3.0 dB	
155	VBFN_FWD_EQLZR	87	>>>>	VBFN18.0FWDEQLZ02050-87	VBFN18.0FWDEQLZ02050-870	Forward Eq02 18.0 dB	
156	DIPLEXROLLCOMP	58	<		DIPLEXROLLCOMP	Diplex Roll Compensation	
157	FWDDEBUMPER	59	<		FWDDEBUMPER	Forward Debumper	
158	SIOPECON_SIGCORR	60	<		SIOPECON_SIGCORR	Slope Control/ Signature Correctio	
159	SYSCOMPEQUAL-0	61	<		SYSCOMPEQUAL-0	System Compensation Equalizer (	



79 CHANNEL DISTORTION PERFORMANCE

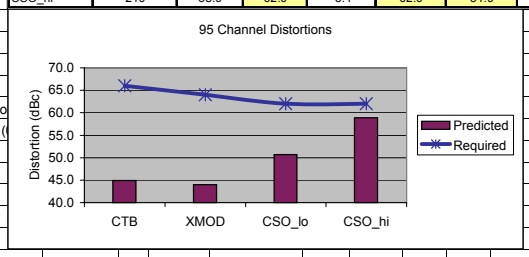
Station Distortions	Input Distortions	Predicted 79 CH	Required Output 79 CH	79 CH Distortion Margin	Node	EOL (79 ch)	Cascade Depth (N+K)/K
CTB	210	51.4	57.0	-5.6	210.0	57.0	0.43
XMOD	210	50.1	56.0	-5.9	210.0	56.0	0.42
CSO_lo	210	57.6	56.0	1.6	210.0	56.0	1.46
CSO_hi	210	63.9	56.0	7.9	210.0	56.0	6.15

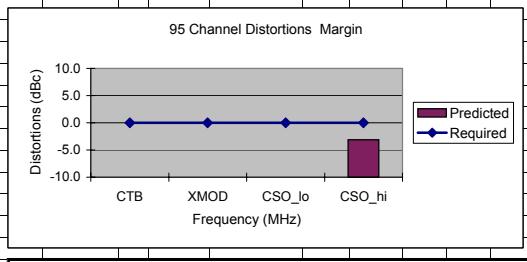




95 CHANNEL DISTORTION PERFORMANCE

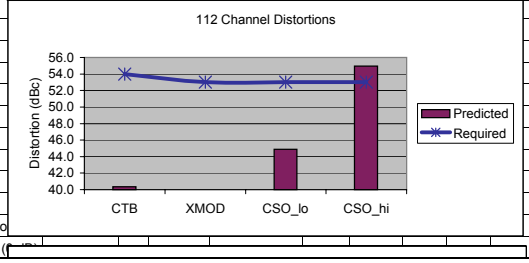
Station Distortions	Input Distortions	Predicted	Required Output 95 CH	95 CH Distortion Margin	Node	EOL (95 ch)	Cascade Depth (N+K)/K
CTB	210	45.0	66.0	-21.0	65.0	51.0	0.30
XMOD	210	44.0	64.0	-20.0	65.0	51.0	0.26
CSO_lo	210	50.7	62.0	-11.3	62.0	51.0	0.86
CSO_hi	210	58.9	62.0	-3.1	62.0	51.0	5.63



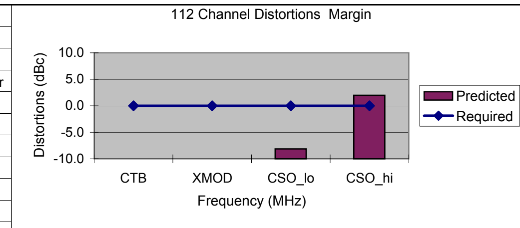


112 CHANNEL DISTORTION PERFORMANCE

Station Distortions	Input Distortions	Predicted	Required Output 95 CH	95 CH Distortion Margin	Node	EOL (95 ch)	Cascade Depth (N+K)/K
CTB	210	40.3	54.0	-13.7	65.0	51.0	0.15
XMOD	210	38.8	53.0	-14.2	65.0	51.0	0.12
CSO_lo	210	44.9	53.0	-8.1	62.0	51.0	0.23
CSO_hi	210	55.0	53.0	2.0	62.0	51.0	2.29



160	HYB_MHW8205	50	<		HYB_MHW8205	Hybrid Amp MHW8205
161	FWDMISC	37	<		FWDMISC	Miscellanous components
162	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry
163	SYSCOMPCONTL	64	<		SYSCOMPCONTL	System Compensation Controller
164	RFPOWERDVDR	65	<		RFPOWERDVDR	RF Power Divider
165	RFPOWERDVDR	65	<		RFPOWERDVDR	RF Power Divider
166	PLUGPAD2.5DB	16	<		PLUGPAD2.5DB	Plug-in Pad 2.5 dB
167	HYB_MHW8205	50	<		HYB_MHW8205	Hybrid Amp MHW8205
168	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry
169	EMSCONTROLFWD	67	<		EMSCONTROLFWD	EMS Control Forward
170	OUTPUTDIPLEX	8	<		OUTPUTDIPLEX	Output Diplexer
171	TESTPOINT	6	<		TESTPOINT	Testpoint
172	CHOKE	5	<		CHOKE	Choke
173	SEIZURE	4	<		SEIZURE	Seizure
174	FWDMISC	37	<		FWDMISC	Miscellanous components
175	---------------------------------	81	<	**Span 6:**	---------------------------------	Marker
176	VBFN_RF_CABLE %	86	>>>>	VBFN40.0RFCABLE01-099%	VBFN40.0RFCABLE01-099%	RF Cable 01 40.0 dB 099%
177	VBFN_RF_PASSIVE %	85	>>>>	VBFN40.0PASSIVE01-001%	VBFN40.0PASSIVE01-001%	RF Passive 01 40.0 dB 001%
178	SEIZURE	4	<		SEIZURE	Seizure
179	CHOKE	5	<		CHOKE	Choke
180	TESTPOINT	6	<		TESTPOINT	Testpoint
181	INPUTDIPLEX	7	<		INPUTDIPLEX	Input Diplexer
182	PLUGPAD0.00DB	9	<		PLUGPAD0.00DB	Plug-in Pad 0.0 dB
183	VBFN_FWD_EQLZR	87	>>>>	VBFN26.0FWDEQLZ01050-87	VBFN26.0FWDEQLZ01050-870	Forward Eq01 26.0 dB
184	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry
185	FWDMISC	37	<		FWDMISC	Miscellanous components
186	aHYB_BGY887B	44	<		aHYB_BGY887B	Hybrid Amp BGY887B
187	THERMALCOMP	57	<		THERMALCOMP	Thermal Compensation
188	PLUGPAD2.0DB	15	<		PLUGPAD2.0DB	Plug-in Pad 2.0 dB
189	PLUGPAD3.0DB	17	<		PLUGPAD3.0DB	Plug-in Pad 3.0 dB
190	VBFN_FWD_EQLZR	87	>>>>	VBFN18.0FWDEQLZ02050-87	VBFN18.0FWDEQLZ02050-870	Forward Eq02 18.0 dB
191	DIPLEXROLLCOMP	58	<		DIPLEXROLLCOMP	Diplex Roll Compensation
192	FWDDEBUMPER	59	<		FWDDEBUMPER	Forward Debumper
193	SIOPECON_SIGCORR	60	<		SIOPECON_SIGCORR	Slope Control/ Signature Correctio
194	SYSCOMPEQUAL-0	61	<		SYSCOMPEQUAL-0	System Compensation Equalizer (
195	HYB_MHW8205	50	<		HYB_MHW8205	Hybrid Amp MHW8205
196	FWDMISC	37	<		FWDMISC	Miscellanous components
197	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry
198	SYSCOMPCONTL	64	<		SYSCOMPCONTL	System Compensation Controller
199	RFPOWERDVDR	65	<		RFPOWERDVDR	RF Power Divider
200	RFPOWERDVDR	65	<		RFPOWERDVDR	RF Power Divider
201	PLUGPAD2.5DB	16	<		PLUGPAD2.5DB	Plug-in Pad 2.5 dB
202	HYB_MHW8205	50	<		HYB_MHW8205	Hybrid Amp MHW8205
203	FWDHYBMATCH	36	<		FWDHYBMATCH	Fwd Hybrid Matching Circuitry
204	EMSCONTROLFWD	67	<		EMSCONTROLFWD	EMS Control Forward
205	OUTPUTDIPLEX	8	<		OUTPUTDIPLEX	Output Diplexer
206	TESTPOINT	6	<		TESTPOINT	Testpoint
207	CHOKE	5	<		CHOKE	Choke
208	SEIZURE	4	<		SEIZURE	Seizure
209	FWDMISC	37	<	VBFN42.0RFCABLE01-070%	FWDMISC	Miscellanous components
		78				
		78				



OTHER PERFORMANCE MEASURES

Path Rarameter	Predicted	Required	Units	Min/Max/=	Margin
Cum Output CTB_79 550 (dBc)	51.3666941	65	dB	Max	13.633306
Cum Output CSOLO_79 550 (dBc)	57.6485585	65	dB	Min	-7.351442
Cum Output XMOD_112 750 (dBc)	38.7901899	65	dB	Min	-26.20981
Cum Output CSOHI_79 550 (dBc)	63.8898523	65	dB	Min	-1.110148
Cum Output CSOLO_95 650 (dBc)	50.7129383	65	dB	Min	-14.28706
Cum Noise Figure 750 (dB)	55.26405	1	dB	Max	-54.26405
Cum Output C/N 870 (dB)	50.1802849	48	dB	Max	-2.180285
Cum Output C/N 750 (dB)	50.0766817	1	dB	Max	-49.07668
Cum Output CSOHI_95 650 (dBc)	58.8634113	1	dB	Max	-57.86341
Cum Noise Figure 250 (dB)	49.696611	1	dB	Max	-48.69661
Cum Output C/N 550 (dB)	49.8320136	1	dB	Max	-48.83201
Device Noise Figure 250 (dB)	0.3	55	dB	Max	54.7
Cum Output CSOLO_79 550 (dBc)	57.6485585	55	dB	Max	-2.648558
Cum Output CTB_79 550 (dBc)	51.3666941	55	dB	Max	3.6333059
Cum Output CSOLO_112 750 (dBc	44.8955817	55	dB	Max	10.104418
Cum Output XMOD_112 750 (dBc)	38.7901899	55	dB	Max	16.20981
Cum Output CSOHI_112 750 (dBc)	54.966242	55	dB	Max	0.033758
		55	dB	Min	0
Device Signal Output 750 (dBmV)	22	23	dB	=	-1