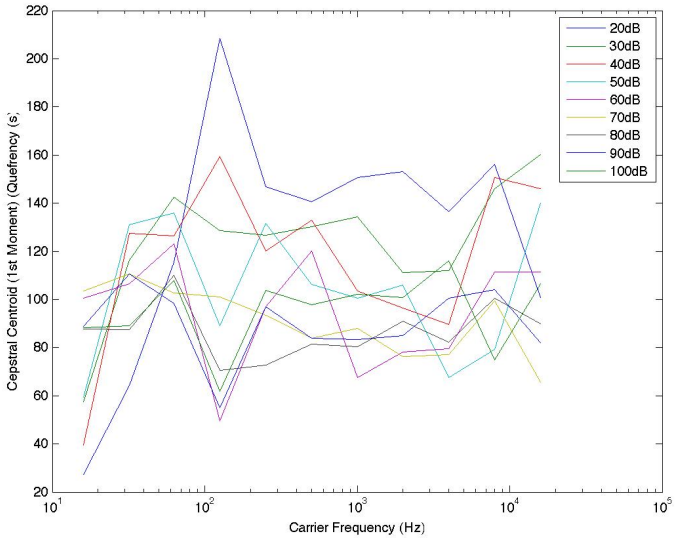
Sine Tone Testing

Analyser: CepstrumComplex

Time Series Output: Cepstral Centroid (1st Moment), Units: Quefrency (s).

Hz/dB	**20 dB**	**30 dB**	**40 dB**	**50 dB**	**60 dB**	**70 dB**	**80 dB**	**90 dB**	**100 dB**
16 Hz	27.13	57.40	39.61	59.31	100.64	103.58	87.62	88.89	88.17
32 Hz	64.19	116.40	127.53	131.10	106.57	110.52	87.50	110.67	89.20
63 Hz	115.62	142.60	126.41	135.81	123.04	102.73	110.05	98.47	107.94
125 Hz	208.49	128.51	159.39	89.10	49.44	101.06	70.66	55.11	61.86
250 Hz	146.71	126.54	120.25	131.47	97.06	93.56	72.71	96.85	103.87
500 Hz	140.52	130.33	132.90	106.26	120.11	83.96	81.41	84.02	97.88
1000 Hz	150.57	134.34	103.62	100.52	67.51	88.03	80.44	83.22	102.12
2000 Hz	153.00	111.03	96.48	105.89	78.19	76.37	91.08	84.85	100.76
4000 Hz	136.37	112.03	89.61	67.52	79.60	77.16	82.23	100.65	116.01
8000 Hz	156.06	146.04	150.56	79.20	111.44	99.35	100.65	104.09	74.79
16000 Hz	100.83	160.11	146.15	139.96	111.52	65.61	89.98	81.89	106.59

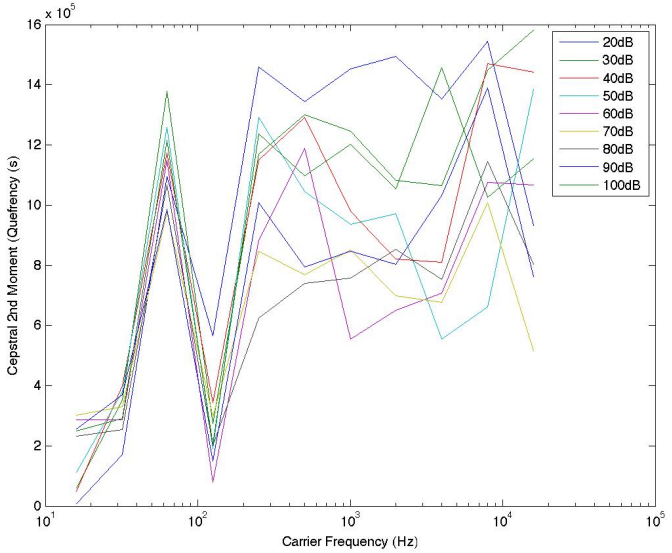


Sine Tone Testing

Analyser: CepstrumComplex

Time Series Output: Cepstral 2nd Moment, Units: Quefrency (s).

Hz/dB	**20 dB**	**30 dB**	**40 dB**	**50 dB**	**60 dB**	**70 dB**	**80 dB**	**90 dB**	**100 dB**
16 Hz	7793.80	58908.75	49562.61	111593.80	285941.00	302494.06	232131.59	255200.29	249222.24
32 Hz	171719.22	352788.19	399725.91	380895.75	287709.72	329285.62	253270.34	370005.82	291913.60
63 Hz	1096105.42	1378609.84	1173148.50	1259779.96	1150939.65	975948.22	1066606.92	986339.47	1215457.13
125 Hz	565599.23	272641.62	343539.06	191362.99	80625.83	298524.37	201179.17	149994.29	205084.35
250 Hz	1459956.37	1169575.13	1148942.54	1291104.79	884140.96	846215.30	625482.41	1008746.71	1236362.50
500 Hz	1344615.05	1300259.10	1292033.02	1044935.83	1189667.74	767816.70	739691.35	794715.43	1098358.95
1000 Hz	1453907.26	1245126.67	980302.34	935190.19	553943.07	850581.69	757253.72	847016.43	1203122.99
2000 Hz	1494852.19	1082849.14	819704.57	971434.55	651209.32	698642.73	853596.47	802564.87	1054456.31
4000 Hz	1351616.09	1065518.41	810734.14	553910.56	706354.41	676971.16	753465.21	1031266.91	1457297.70
8000 Hz	1544746.65	1449336.87	1469320.46	661576.33	1076641.93	1008483.96	1146021.21	1389953.24	1025604.87
16000 Hz	932085.41	1580979.47	1442377.78	1385396.05	1066742.55	515028.82	803033.67	761249.06	1155297.41

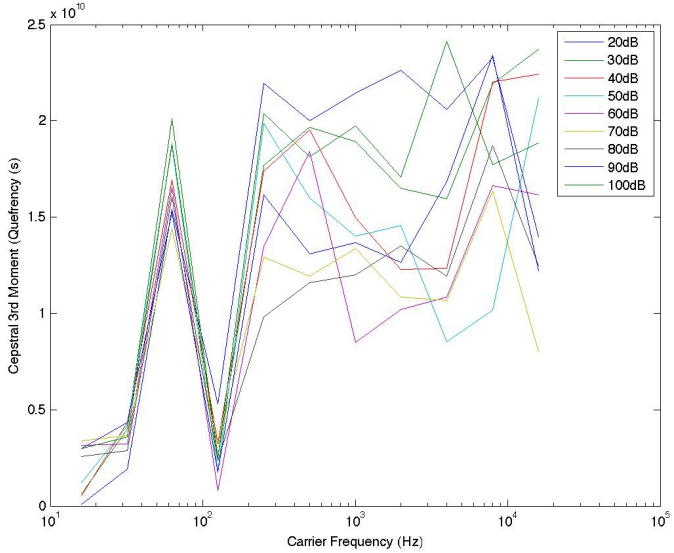


Sine Tone Testing

Analyser: CepstrumComplex

Time Series Output: Cepstral 3rd Moment, Units: Quefrency (s).

Hz/dB	**20 dB**	**30 dB**	**40 dB**	**50 dB**	**60 dB**	**70 dB**	**80 dB**	**90 dB**	
16 Hz	87222384.47	644311226.29	540904768.81	1223221693.65	3138675180.49	3374922036.28	2577932552.10	2985484389.16	29
32 Hz	1917072806.98	4008972077.65	4336047665.19	4160952786.78	3210602835.76	3660789013.01	2884527534.19	4346856348.47	36
63 Hz	15426416855.64	20097402833.91	16945461630.12	18723793729.10	16526284508.12	14416271083.48	16057411829.48	15251643233.45	188
125 Hz	5281623008.04	2553491266.37	3243916885.88	1829643789.65	788016273.09	3136426913.21	2353091857.85	1737823850.56	25
250 Hz	21942855732.70	17705846266.73	17373371462.60	19884649909.38	13457995561.72	12933274657.34	9813087839.49	16153159090.41	203
500 Hz	20013489788.70	19683112739.18	19539976293.94	15989701334.49	18410673115.38	11942087736.46	11593662013.06	13089680221.10	181
1000 Hz	21456929387.46	18936960645.00	14953043564.05	14025847005.87	8492420080.30	13376967624.64	12021376405.85	13687020012.99	197
2000 Hz	22640976146.43	16513053360.69	12293592248.08	14575444372.66	10197829353.33	10848044695.72	13521551326.97	12646527785.02	170
4000 Hz	20589298917.46	15966245872.10	12334801064.84	8547177602.33	10863268048.98	10683704557.40	11928288887.48	16847875001.39	241
8000 Hz	23286287459.95	21907851212.66	22025279338.71	10163227210.19	16644789399.23	16374665106.64	18731528381.50	23431687777.30	177
16000 Hz	13990256523.68	23723640692.97	22427851261.85	21177644569.90	16165005946.19	8008021196.95	12468900572.62	12217077902.63	188

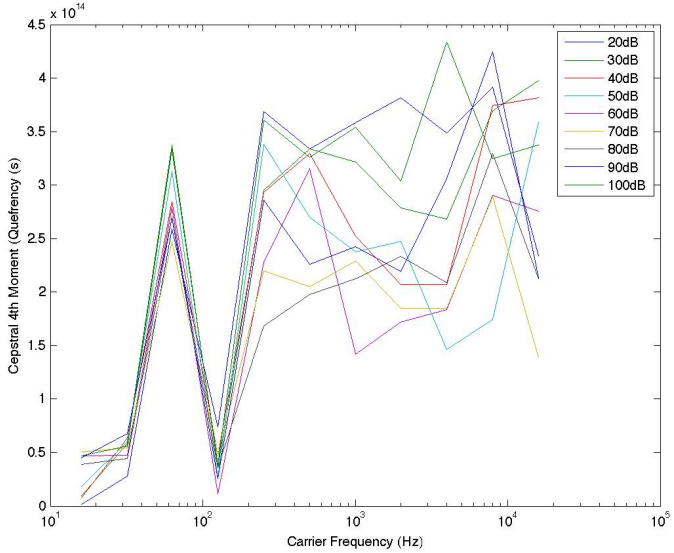


Sine Tone Testing

Analyser: CepstrumComplex

Time Series Output: Cepstral 4th Moment, Units: Quefrency (s).

Hz/dB	**20 dB**	**30 dB**	**40 dB**	**50 dB**	**60 dB**	**70 dB**	
16 Hz	1264852998344.14	9447575627530.05	7950964272154.74	18329964650884.43	47195724600841.59	50361964574430.36	3881420168
32 Hz	27873245014759.17	58775277037440.92	63151587858081.36	60454186178074.92	47503471280277.18	54522047834801.78	4424134560
63 Hz	258784188189173.78	337485739692157.19	285052102407410.56	312783903978250.50	279207073133037.44	247396170404392.62	26991717273
125 Hz	74071634385983.88	36396405098158.45	46504230249601.75	26557353678884.53	11322305604706.70	46219748723956.41	3609941298
250 Hz	368506298597315.31	294894356573369.88	293249053889076.50	337908376511689.88	227815741558591.38	220051016179599.31	16856118063
500 Hz	333818663517528.00	333959992696792.38	329227890993127.88	269905635675151.06	315499235932008.56	205142492971491.41	19776676380
1000 Hz	358133142563562.25	321351167218762.00	252328721241338.31	237412364362451.56	141657472487588.81	229140133401228.94	21218541382
2000 Hz	381812187489327.19	278770597606321.88	207099175876241.56	247634454841799.50	172033873093370.22	184849763263936.25	23357262134
4000 Hz	348384299871686.12	268061858247094.91	206940141027801.38	146230403864086.56	183341128547403.81	184879827750033.16	20903211319
8000 Hz	391468661972591.12	369324603456371.31	374447209182374.31	174476624226908.69	290539836201259.50	289212258599342.38	32979772911
16000 Hz	233606411855035.81	397776787987652.19	381453304936928.31	359074470940405.00	275469476746149.34	138993881482756.53	21228949874

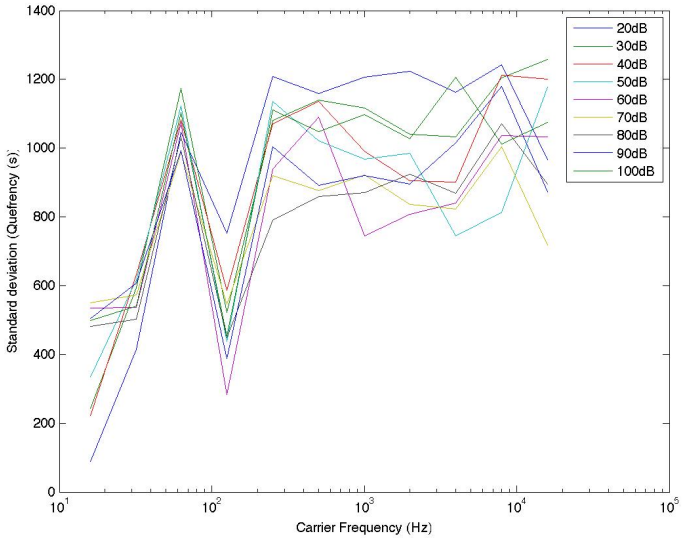


Sine Tone Testing

Analyser: CepstrumComplex

Time Series Output: Standard deviation, Units: Quefrency (s).

Hz/dB	**20 dB**	**30 dB**	**40 dB**	**50 dB**	**60 dB**	**70 dB**	**80 dB**	**90 dB**	**100 dB**
16 Hz	88.28	242.71	222.63	334.06	534.73	549.99	481.80	505.17	499.22
32 Hz	414.39	593.96	632.24	617.17	536.39	573.83	503.26	608.28	540.29
63 Hz	1046.95	1174.14	1083.12	1122.40	1072.82	987.90	1032.77	993.15	1102.48
125 Hz	752.06	522.15	586.12	437.45	283.95	546.37	448.53	387.29	452.86
250 Hz	1208.29	1081.47	1071.89	1136.27	940.29	919.90	790.87	1004.36	1111.92
500 Hz	1159.57	1140.29	1136.68	1022.22	1090.72	876.24	860.04	891.47	1048.03
1000 Hz	1205.78	1115.85	990.10	967.05	744.27	922.27	870.20	920.33	1096.87
2000 Hz	1222.64	1040.60	905.37	985.60	806.97	835.85	923.90	895.86	1026.87
4000 Hz	1162.58	1032.23	900.41	744.25	840.45	822.78	868.02	1015.50	1207.19
8000 Hz	1242.88	1203.88	1212.16	813.37	1037.60	1004.23	1070.52	1178.96	1012.72
16000 Hz	965.44	1257.37	1200.99	1177.03	1032.82	717.65	896.12	872.50	1074.84

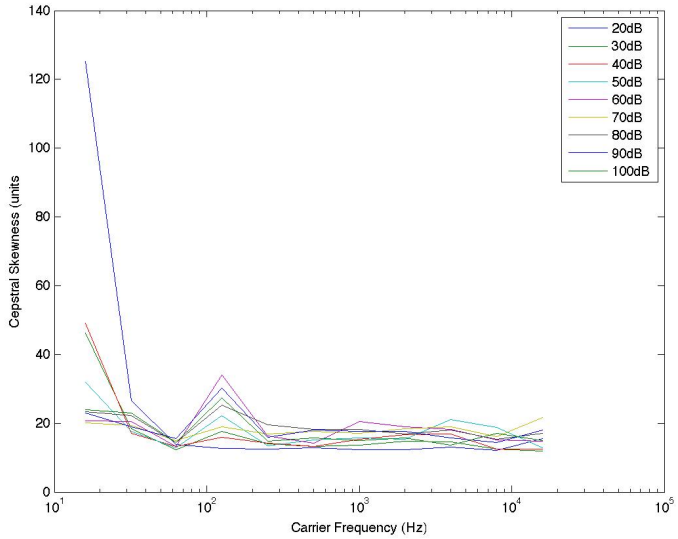


Sine Tone Testing

Analyser: CepstrumComplex

Time Series Output: Cepstral Skewness, Units: units.

Hz/dB	**20 dB**	**30 dB**	**40 dB**	**50 dB**	**60 dB**	**70 dB**	**80 dB**	**90 dB**	**100 dB**
16 Hz	125.22	46.31	49.02	31.98	20.78	20.18	23.41	22.97	23.92
32 Hz	26.62	18.39	17.13	17.68	20.41	19.39	22.23	18.89	22.96
63 Hz	13.77	12.33	13.32	12.97	13.34	14.96	14.47	15.45	14.32
125 Hz	12.65	17.66	15.84	22.25	34.01	18.99	25.27	30.29	27.45
250 Hz	12.44	13.93	14.13	13.47	16.28	16.92	19.58	15.93	14.78
500 Hz	12.78	13.32	13.31	15.17	14.15	17.69	18.21	17.94	15.68
1000 Hz	12.32	13.57	15.42	15.71	20.51	17.03	18.17	17.63	15.04
2000 Hz	12.21	14.73	16.75	15.34	18.91	18.47	16.82	17.66	15.69
4000 Hz	13.12	14.61	16.96	21.08	18.26	19.07	18.08	15.71	13.66
8000 Hz	12.14	12.53	12.47	18.80	15.12	16.09	15.27	14.33	17.06
16000 Hz	15.56	11.96	12.58	12.94	14.80	21.58	17.13	18.07	15.02



Sine Tone Testing

Analyser: CepstrumComplex

Time Series Output: Cepstral Kurtosis, Units: units.

Hz/dB	**20 dB**	**30 dB**	**40 dB**	**50 dB**	**60 dB**	**70 dB**	**80 dB**	**90 dB**	**100 dB**
16 Hz	20840.18	2799.98	3234.21	1397.45	585.55	549.24	745.87	688.31	749.23
32 Hz	933.46	456.06	398.90	424.49	565.95	518.01	658.94	475.07	673.99
63 Hz	220.58	177.77	207.38	193.62	208.52	259.90	240.06	271.96	228.25
125 Hz	235.61	474.67	380.57	712.75	1721.46	529.75	844.89	1203.04	961.16
250 Hz	172.60	217.05	222.18	201.41	294.17	314.04	424.25	278.30	239.12
500 Hz	182.47	197.90	196.99	254.83	222.30	346.61	367.34	352.58	265.94
1000 Hz	170.69	204.88	262.86	275.02	467.15	319.31	364.05	341.34	245.47
2000 Hz	167.64	240.02	311.79	262.77	396.56	378.01	315.73	341.13	271.07
4000 Hz	191.72	237.71	317.80	490.56	369.77	400.04	361.60	271.66	202.57
8000 Hz	165.20	175.26	173.92	390.67	252.21	285.57	256.08	220.58	309.86
16000 Hz	269.61	159.64	176.00	186.87	242.75	514.41	326.96	362.45	246.14