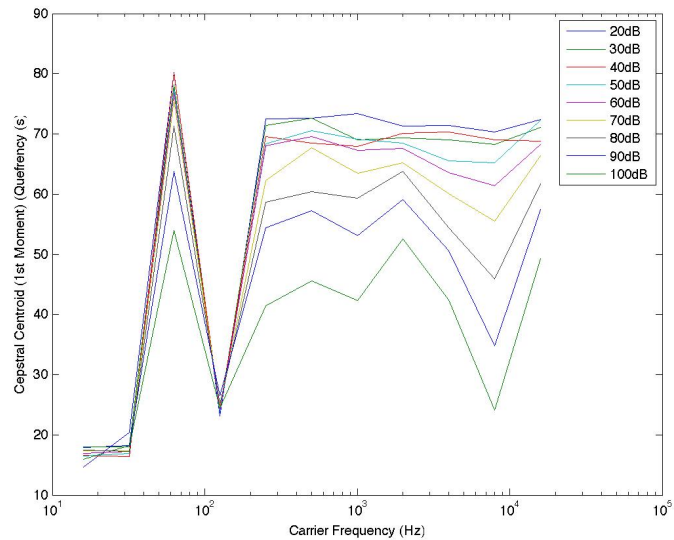


Sine Tone Testing

Analysers: Cepstrum

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

Hz/dB	20 dB	30 dB	40 dB	50 dB	60 dB	70 dB	80 dB	90 dB	100 dB
16 Hz	14.59	15.98	16.55	16.46	16.97	17.37	17.44	17.95	18.01
32 Hz	20.43	18.28	16.34	16.90	17.26	17.31	17.24	18.23	18.01
63 Hz	80.25	78.19	80.11	77.57	76.86	75.62	71.28	63.75	54.01
125 Hz	23.17	24.00	24.09	23.68	24.05	24.81	25.06	26.50	24.39
250 Hz	72.56	71.45	69.61	68.39	68.01	62.21	58.61	54.37	41.48
500 Hz	72.63	72.59	68.48	70.56	69.57	67.73	60.45	57.27	45.56
1000 Hz	73.37	69.05	67.95	69.16	67.26	63.45	59.30	53.11	42.28
2000 Hz	71.25	69.32	70.06	68.46	67.57	65.22	63.82	59.10	52.52
4000 Hz	71.47	69.03	70.30	65.57	63.54	60.06	54.39	50.57	42.38
8000 Hz	70.35	68.28	69.02	65.20	61.44	55.50	45.91	34.76	24.06
16000 Hz	72.45	71.04	68.81	72.29	68.23	66.38	61.68	57.43	49.34

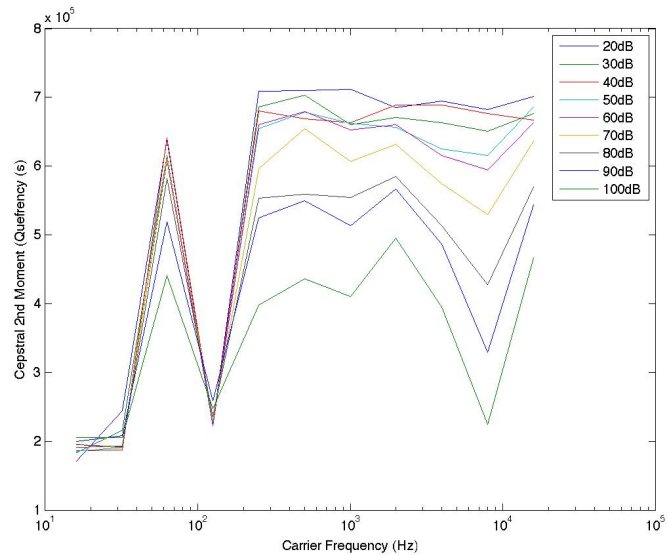


Sine Tone Testing

Analysers: Cepstrum

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

Hz/dB	20 dB	30 dB	40 dB	50 dB	60 dB	70 dB	80 dB	90 dB	100 dB
16 Hz	170608.80	183308.53	186205.62	185232.99	190950.45	196244.11	194861.70	199935.43	205093.89
32 Hz	244865.20	215439.13	186947.56	190702.79	193199.57	190442.84	192336.32	207778.76	205585.48
63 Hz	638815.24	615608.51	641059.40	613703.10	609171.61	612778.34	582224.83	519268.28	440579.39
125 Hz	224907.39	225508.65	226749.20	226966.25	222188.30	231347.75	235906.52	258705.14	247339.27
250 Hz	708648.32	686502.82	680338.90	654927.74	660344.32	596815.11	553009.24	524656.12	398073.66
500 Hz	709611.12	703592.70	668420.16	678707.28	679279.86	654999.45	559428.41	549771.84	436220.88
1000 Hz	711873.12	659838.34	663551.52	662251.64	652848.60	606853.12	554804.37	513738.53	410385.00
2000 Hz	684791.20	670960.36	689107.91	656755.98	660446.08	631247.25	585190.17	567176.60	495648.16
4000 Hz	694313.31	663062.07	688802.58	624844.44	615476.02	574556.94	513060.51	486861.31	394839.23
8000 Hz	682550.59	650505.69	676475.54	615085.18	594246.99	529763.63	427436.83	329109.81	224562.83
16000 Hz	701119.96	676143.17	666673.92	685966.09	663373.63	636670.93	569740.15	544149.67	466274.26

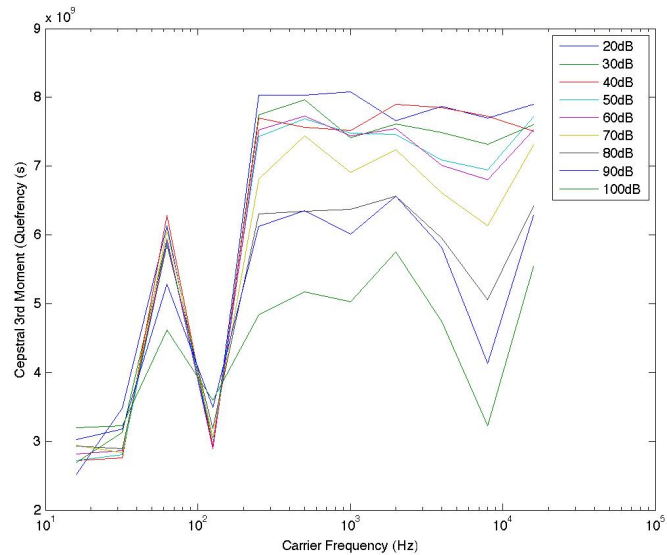


Sine Tone Testing

Analysers: Cepstrum

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

Hz/dB	20 dB	30 dB	40 dB	50 dB	60 dB	70 dB	80 dB	90 dB	100 dB
16 Hz	2516101782.29	2695744322.77	2719198314.26	2716547043.83	2813561429.50	2939100138.48	2930274710.64	3025777998.23	3199023683.9
32 Hz	3486764890.14	3134699077.09	2761669864.01	2808611025.41	2859083316.00	2831801049.49	2893760424.17	3181479810.27	3227460572.7
63 Hz	6134369428.34	5943979782.19	6286956197.62	5888499930.15	5933405518.86	6070777239.70	5854377751.49	5288028823.43	4619981488.7
125 Hz	2913224283.00	2911743926.28	2929850969.01	3021300373.37	2893480351.27	3053577761.04	3190450219.02	3493162261.85	3595086143.8
250 Hz	8028098335.72	7750594373.71	7697061041.04	7435446434.35	7527874453.01	6811362461.76	6305689354.06	6122397690.06	4838596973.3
500 Hz	8030361683.87	7969883899.49	7560035599.43	7685804107.26	7731468543.03	7442556059.62	6342509673.95	6352556984.92	5173152549.7
1000 Hz	8082181806.34	7412979970.18	7515802634.42	7477688543.55	7442798062.46	6906189618.36	6374335153.92	6014235102.92	5026884409.8
2000 Hz	7658685270.41	7608283217.55	7896622112.51	7461382253.10	7548155098.91	7242660253.22	6564489303.04	6564684456.84	5753125376.5
4000 Hz	7870813103.28	7484288116.64	7853674373.30	7085630238.67	7015546898.14	6610100327.89	5957655435.00	5820952935.41	4740274282.0
8000 Hz	7696665737.95	7313340465.52	7727444378.41	6940307997.67	6797265338.75	6130526299.23	5058122713.84	4131103135.44	3222479308.9
16000 Hz	7901863980.88	7601996384.37	7509588237.83	7714945946.05	7529959325.89	7304995842.64	6423433034.74	6286906505.53	5538926034.5

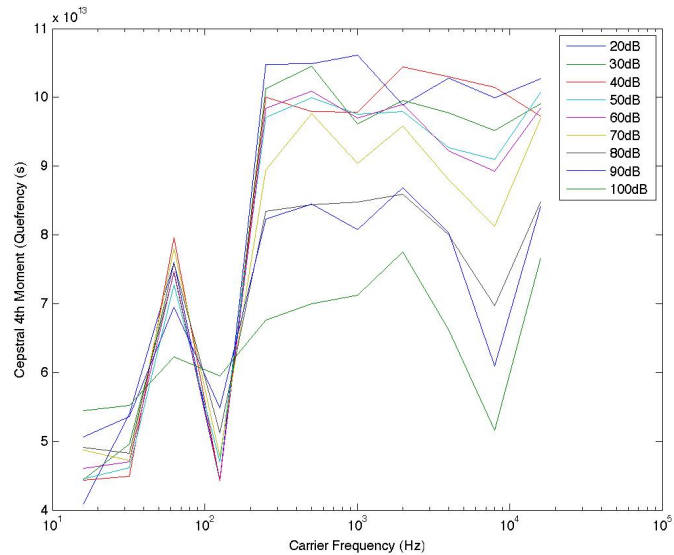


Sine Tone Testing

Analyser: Cepstrum

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

Hz/dB	20 dB	30 dB	40 dB	50 dB	60 dB	70 dB	80 dB
16 Hz	40899570785800.92	44478303727770.98	44384179508506.32	44546091710372.44	46066183661442.00	48684279227187.85	491025728454
32 Hz	53934149158644.43	49629464675852.34	44909356944738.80	46197150134560.94	47030474185411.53	47204622360163.16	482564331888
63 Hz	75989326616390.45	74483554689541.45	79658339866823.61	72750567731666.64	74667084164837.88	78009546130408.70	759124131281
125 Hz	44377277329712.04	44249713410676.12	44202507865028.39	46995197194092.88	44398026269572.53	47815585703112.84	511836314465
250 Hz	104808087009869.75	101243739737508.56	100044636798270.03	97074759730971.53	98432942725899.34	89495903772928.14	834009772199
500 Hz	104887713033435.64	104532883221327.12	97932115323795.09	99982302705126.50	100913016991157.16	97614944412263.05	844168137764
1000 Hz	106149440396136.58	96153369874105.84	97805514843106.28	97561196605277.52	96946431346679.09	90436895603104.38	847874643604
2000 Hz	98888084116104.38	99597324566906.16	104384645072342.25	97972284722362.25	99024619115658.02	95853007689131.06	859665323631
4000 Hz	102786889255817.53	97790342558689.22	102994916199172.16	92682946752066.45	92204509545591.62	87983072403389.50	800500496932
8000 Hz	99963295101339.58	95160388831968.27	101508384350310.70	91020995873279.27	89218119974727.62	81210809333274.53	697362073365
16000 Hz	102707566737471.97	99063929043668.55	97266841544170.06	100710297134866.00	98406742885822.52	96915460296798.59	847589469754

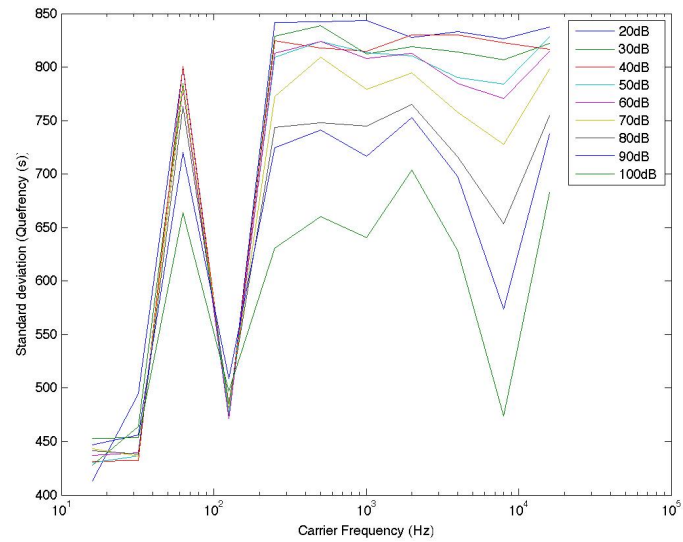


Sine Tone Testing

Analysers: Cepstrum

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	413.05	428.15	431.52	430.39	436.98	442.99	441.43	447.14	452.87
32 Hz	494.84	464.15	432.37	436.70	439.54	436.40	438.56	455.83	453.42
63 Hz	799.26	784.61	800.66	783.39	780.49	782.80	763.04	720.60	663.76
125 Hz	474.24	474.88	476.18	476.41	471.37	480.99	485.70	508.63	497.33
250 Hz	841.81	828.55	824.83	809.28	812.62	772.54	743.65	724.33	630.93
500 Hz	842.38	838.80	817.57	823.84	824.18	809.32	747.95	741.47	660.47
1000 Hz	843.73	812.30	814.59	813.79	807.99	779.01	744.85	716.75	640.61
2000 Hz	827.52	819.12	830.13	810.40	812.68	794.51	764.98	753.11	704.02
4000 Hz	833.25	814.29	829.94	790.47	784.52	758.00	716.28	697.75	628.36
8000 Hz	826.17	806.54	822.48	784.27	770.87	727.85	653.79	573.68	473.88
16000 Hz	837.33	822.28	816.50	828.23	814.48	797.92	754.81	737.66	682.84

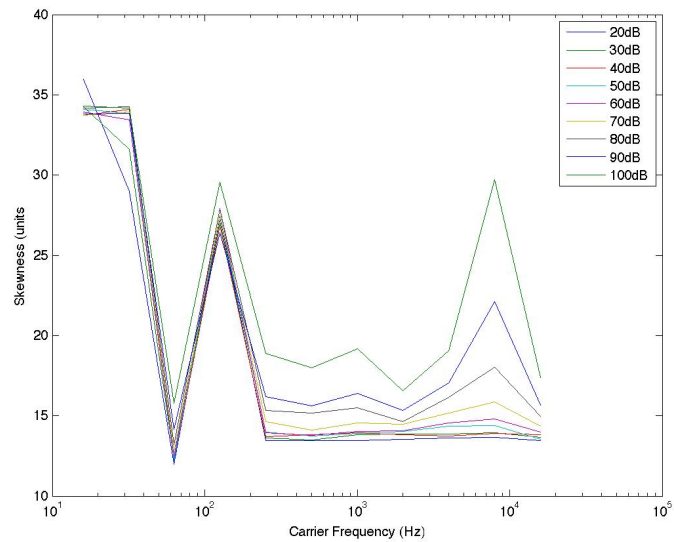


Sine Tone Testing

Analyser: Cepstrum

Time Series Output: 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	35.95	34.28	33.73	34.08	33.93	33.73	34.16	33.82	34.29
32 Hz	28.97	31.61	34.08	33.83	33.42	33.91	34.27	33.83	34.19
63 Hz	11.96	12.30	12.21	12.24	12.44	12.75	13.21	14.14	15.78
125 Hz	27.43	27.10	26.85	27.50	27.91	27.49	27.89	26.41	29.55
250 Hz	13.47	13.63	13.72	13.98	13.94	14.63	15.34	16.21	18.89
500 Hz	13.44	13.51	13.83	13.75	13.78	14.09	15.17	15.62	17.97
1000 Hz	13.45	13.83	13.93	13.91	14.03	14.56	15.48	16.39	19.17
2000 Hz	13.55	13.86	13.81	14.02	14.07	14.46	14.65	15.32	16.55
4000 Hz	13.60	13.86	13.74	14.33	14.56	15.17	16.16	17.06	19.06
8000 Hz	13.65	13.95	13.89	14.39	14.81	15.85	18.04	22.12	29.73
16000 Hz	13.46	13.67	13.81	13.55	13.98	14.36	14.97	15.64	17.39



Sine Tone Testing

Analyser: Cepstrum

Time Series Output: 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	1455.81	1309.39	1273.29	1295.83	1282.36	1257.43	1299.73	1271.52	1294.16
32 Hz	905.21	1089.69	1297.19	1274.18	1243.42	1288.18	1297.84	1256.46	1290.97
63 Hz	184.52	196.18	193.00	193.01	199.71	209.64	225.31	257.12	318.04
125 Hz	880.62	869.66	848.11	885.69	921.80	890.52	909.34	812.65	999.15
250 Hz	208.87	215.13	216.20	225.33	223.47	246.51	272.67	304.18	413.89
500 Hz	208.25	210.73	218.97	218.04	217.39	228.60	269.20	281.27	372.55
1000 Hz	209.21	220.62	222.62	223.75	225.65	243.32	278.39	309.45	426.19
2000 Hz	211.85	221.76	219.98	226.68	227.22	240.53	249.61	270.06	317.19
4000 Hz	213.22	222.16	216.94	237.60	243.31	265.72	301.97	336.31	421.38
8000 Hz	214.38	225.13	221.96	239.48	251.42	290.58	379.79	568.78	1028.74
16000 Hz	208.81	216.66	219.23	212.64	224.66	237.80	261.61	283.19	351.49

