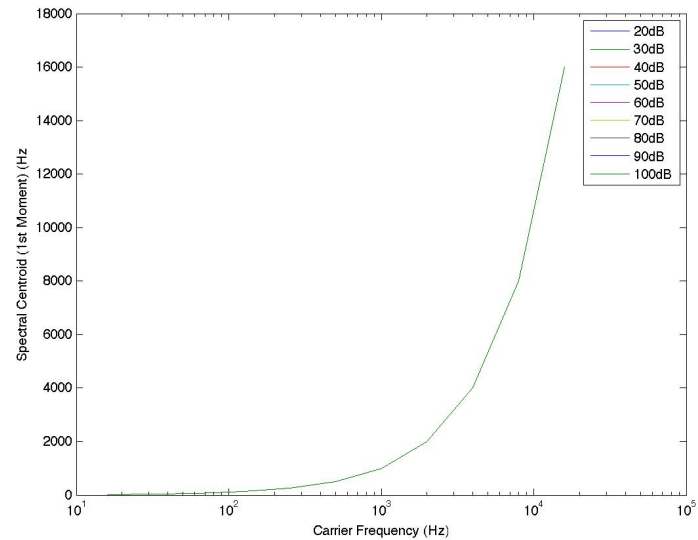


Sine Tone Testing

Analyser: FFT

Time Series Output: Spectral Centroid (1st Moment), Units: Hz.

Hz/dB	20 dB	30 dB	40 dB	50 dB	60 dB	70 dB	80 dB	90 dB	100 dB
16 Hz	12.37	12.29	12.28	12.28	12.28	12.28	12.28	12.28	12.28
32 Hz	31.54	31.40	31.39	31.39	31.39	31.39	31.39	31.39	31.39
63 Hz	63.14	63.04	63.03	63.03	63.03	63.03	63.03	63.03	63.03
125 Hz	125.18	125.07	125.06	125.06	125.06	125.06	125.06	125.06	125.06
250 Hz	250.25	250.13	250.12	250.12	250.12	250.12	250.12	250.12	250.12
500 Hz	500.38	500.26	500.25	500.24	500.24	500.24	500.24	500.24	500.24
1000 Hz	1000.61	1000.50	1000.49	1000.49	1000.49	1000.49	1000.49	1000.49	1000.49
2000 Hz	2001.09	2000.99	2000.98	2000.98	2000.98	2000.98	2000.98	2000.98	2000.98
4000 Hz	4002.04	4001.96	4001.95	4001.95	4001.95	4001.95	4001.95	4001.95	4001.95
8000 Hz	8003.94	8003.91	8003.91	8003.91	8003.91	8003.91	8003.91	8003.91	8003.91
16000 Hz	16007.76	16007.81	16007.82	16007.82	16007.82	16007.82	16007.82	16007.82	16007.82

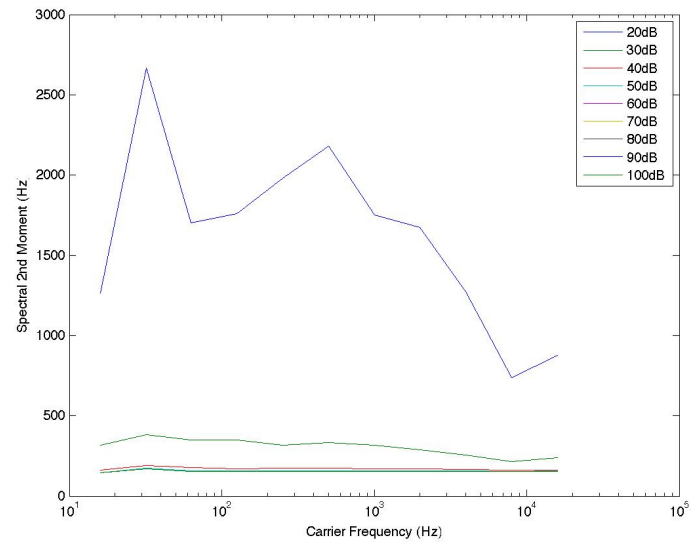


Sine Tone Testing

Analyser: FFT

Time Series Output: Spectral 2nd Moment, Units: Hz.

Hz/dB	20 dB	30 dB	40 dB	50 dB	60 dB	70 dB	80 dB	90 dB	100 dB
16 Hz	1266.86	317.72	159.83	147.05	145.87	145.78	145.77	145.77	145.77
32 Hz	2667.89	383.76	189.86	172.72	171.18	171.02	171.01	171.00	171.00
63 Hz	1702.71	347.97	175.78	156.61	154.90	154.75	154.74	154.73	154.73
125 Hz	1759.97	347.89	170.63	156.62	154.90	154.73	154.71	154.71	154.71
250 Hz	1978.91	315.23	174.62	156.63	154.87	154.73	154.71	154.71	154.71
500 Hz	2181.28	332.82	172.77	156.48	154.88	154.73	154.71	154.71	154.71
1000 Hz	1750.94	314.87	171.20	156.41	154.88	154.73	154.71	154.71	154.71
2000 Hz	1675.64	286.83	171.25	156.05	154.86	154.73	154.71	154.71	154.71
4000 Hz	1273.58	253.66	164.37	156.01	154.82	154.72	154.71	154.71	154.71
8000 Hz	735.81	214.02	160.47	155.21	154.78	154.72	154.71	154.71	154.71
16000 Hz	875.09	237.56	163.00	155.46	154.79	154.72	154.71	154.71	154.71

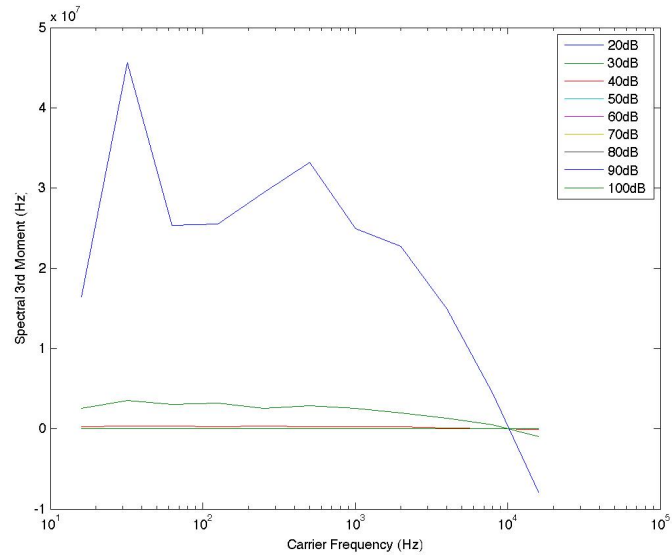


Sine Tone Testing

Analysers: FFT

Time Series Output: Spectral 3rd Moment, Units: Hz.

Hz/dB	20 dB	30 dB	40 dB	50 dB	60 dB	70 dB	80 dB	90 dB	100 dB
16 Hz	16481769.56	2541765.80	274464.39	28211.03	3341.61	1406.90	1085.73	1063.42	1061.48
32 Hz	45625570.18	3539695.67	305989.51	28485.59	2804.59	79.98	-177.42	-206.42	-208.75
63 Hz	25391073.60	3067899.78	345720.60	32126.99	2787.63	331.53	34.06	3.06	0.53
125 Hz	25507884.57	3206758.18	243344.06	31279.68	3189.90	366.58	31.20	4.50	1.68
250 Hz	29417569.41	2514585.48	326319.58	31595.84	2648.87	300.58	33.18	4.94	1.81
500 Hz	33206768.49	2869111.43	290947.09	28403.85	2742.44	271.09	33.07	3.44	0.49
1000 Hz	24941052.92	2562508.35	253290.31	26964.61	2683.78	228.96	24.10	2.76	0.38
2000 Hz	22770208.07	1957874.18	263341.91	19669.19	2195.90	234.28	18.71	2.16	0.17
4000 Hz	14988020.25	1357704.76	127143.01	18488.22	1481.39	175.55	17.42	1.58	0.15
8000 Hz	4437226.85	496262.68	47084.87	3789.66	568.10	49.06	4.38	0.41	0.05
16000 Hz	-7886105.23	-948524.69	-89000.66	-8283.81	-863.28	-101.49	-10.75	-0.69	-0.08

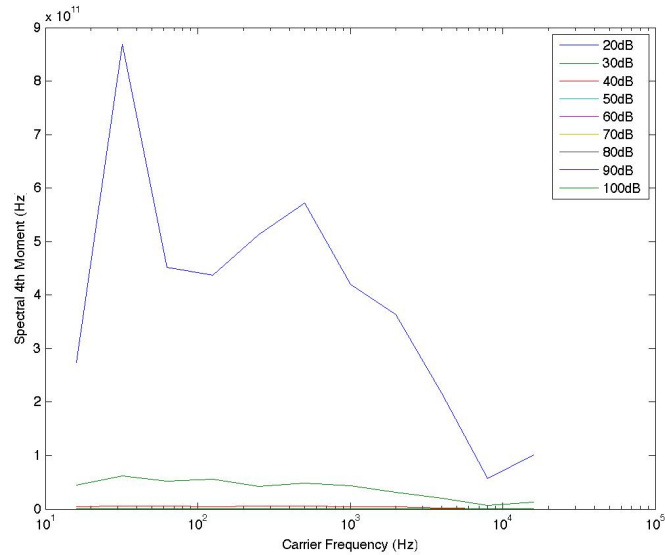


Sine Tone Testing

Analyser: FFT

Time Series Output: Spectral 4th Moment, Units: Hz.

Hz/dB	20 dB	30 dB	40 dB	50 dB	60 dB	70 dB	80 dB	90 dB	100 dB
16 Hz	273618450537.43	44383623099.51	4794978312.79	489471238.65	41251266.99	4624183.63	497957.89	109558.77	65401.85
32 Hz	868684128095.99	62178541011.54	5325303240.10	504900458.64	53122525.72	5389810.53	609951.76	137382.55	89693.35
63 Hz	451566713381.44	52151024644.09	6072056839.47	582695509.07	50822439.78	5936878.66	685401.58	119152.22	76932.54
125 Hz	437054113308.95	56282763395.90	4017232024.68	546934628.11	56366354.09	6663376.89	576593.46	124079.66	76168.45
250 Hz	512797064722.62	42098313712.70	5657201883.52	551581074.25	46070787.50	5363028.44	616070.83	131256.21	75690.47
500 Hz	571764252895.56	48853603119.21	4996771951.69	487394533.76	46585382.23	4688958.89	652815.01	128114.60	76659.45
1000 Hz	419846637045.26	43759043086.25	4148847905.98	455841254.97	44755581.36	3789370.11	467583.93	115609.69	75928.37
2000 Hz	363519621973.77	30828084696.94	4443726580.06	312674816.11	35154509.03	3777923.87	370529.07	106128.35	74400.76
4000 Hz	216977733345.47	20232197674.44	1825127947.53	277913875.07	21212149.22	2712929.12	335387.58	94102.72	73803.38
8000 Hz	57246614396.31	6829819492.29	642130605.19	53979922.12	7275463.08	744977.24	135821.71	76903.16	72358.01
16000 Hz	100602426723.46	12813605701.89	1159992026.91	110614301.47	11262634.75	1416024.05	217075.69	80871.71	72919.73

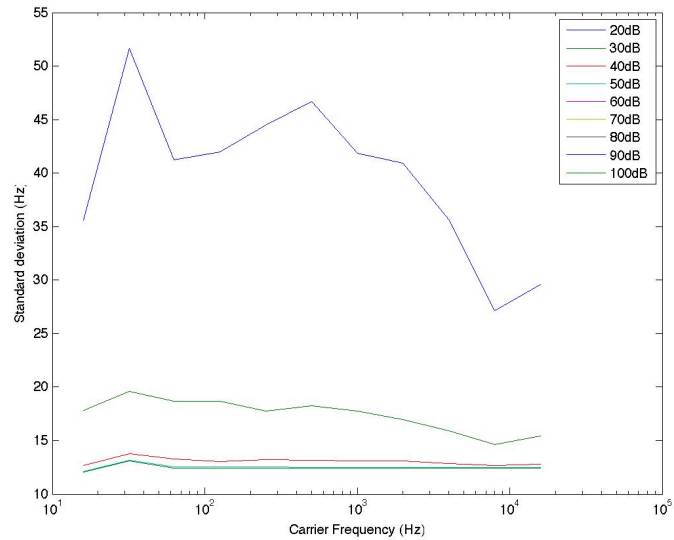


Sine Tone Testing

Analyser: FFT

Time Series Output: Standard deviation, Units: Hz.

Hz/dB	20 dB	30 dB	40 dB	50 dB	60 dB	70 dB	80 dB	90 dB	100 dB
16 Hz	35.59	17.82	12.64	12.13	12.08	12.07	12.07	12.07	12.07
32 Hz	51.65	19.59	13.78	13.14	13.08	13.08	13.08	13.08	13.08
63 Hz	41.26	18.65	13.26	12.51	12.45	12.44	12.44	12.44	12.44
125 Hz	41.95	18.65	13.06	12.51	12.45	12.44	12.44	12.44	12.44
250 Hz	44.48	17.75	13.21	12.52	12.44	12.44	12.44	12.44	12.44
500 Hz	46.70	18.24	13.14	12.51	12.45	12.44	12.44	12.44	12.44
1000 Hz	41.84	17.74	13.08	12.51	12.45	12.44	12.44	12.44	12.44
2000 Hz	40.93	16.94	13.09	12.49	12.44	12.44	12.44	12.44	12.44
4000 Hz	35.69	15.93	12.82	12.49	12.44	12.44	12.44	12.44	12.44
8000 Hz	27.13	14.63	12.67	12.46	12.44	12.44	12.44	12.44	12.44
16000 Hz	29.58	15.41	12.77	12.47	12.44	12.44	12.44	12.44	12.44

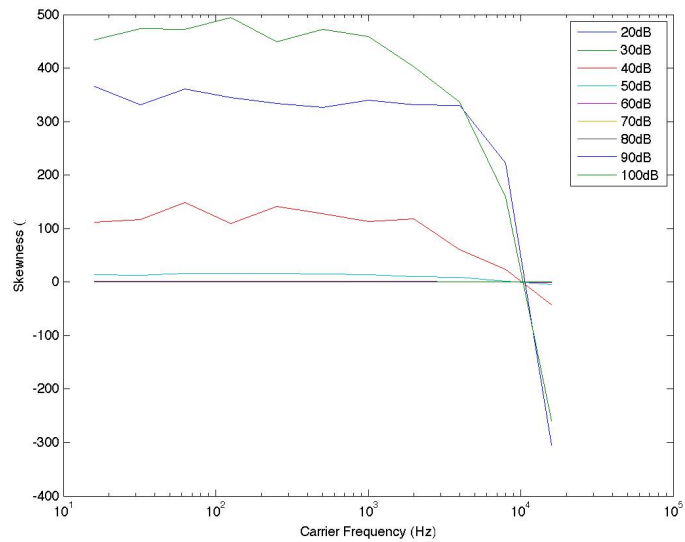


Sine Tone Testing

Analyser: FFT

Time Series Output: Skewness, Units: .

Hz/dB	20 dB	30 dB	40 dB	50 dB	60 dB	70 dB	80 dB	90 dB	100 dB
16 Hz	366.01	452.86	111.32	13.41	1.84	0.83	0.70	0.69	0.68
32 Hz	330.79	473.06	116.97	12.49	1.28	0.04	-0.08	-0.09	-0.09
63 Hz	361.38	472.64	148.34	16.39	1.45	0.17	0.02	0.00	0.00
125 Hz	345.49	494.14	109.17	15.95	1.65	0.19	0.02	0.00	0.00
250 Hz	334.17	449.28	141.41	16.12	1.37	0.16	0.02	0.00	0.00
500 Hz	325.96	472.54	128.11	14.51	1.42	0.14	0.02	0.00	0.00
1000 Hz	340.41	458.64	113.08	13.79	1.39	0.12	0.01	0.00	0.00
2000 Hz	331.97	403.03	117.51	10.09	1.14	0.12	0.01	0.00	0.00
4000 Hz	329.76	336.08	60.33	9.49	0.77	0.09	0.01	0.00	0.00
8000 Hz	222.31	158.50	23.16	1.96	0.30	0.03	0.00	0.00	0.00
16000 Hz	-304.64	-259.05	-42.77	-4.27	-0.45	-0.05	-0.01	-0.00	-0.00

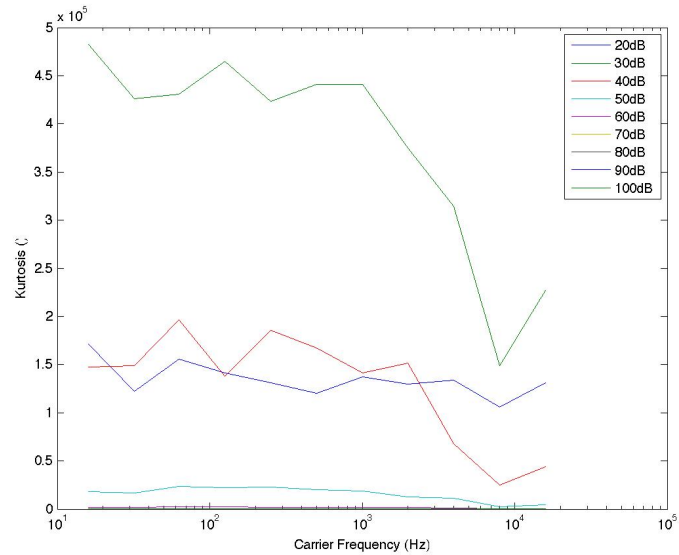


Sine Tone Testing

Analyser: FFT

Time Series Output: Kurtosis, Units: .

Hz/dB	20 dB	30 dB	40 dB	50 dB	60 dB	70 dB	80 dB	90 dB	100 dB
16 Hz	171062.14	482722.64	147414.69	17919.79	1572.20	176.39	19.14	4.33	2.99
32 Hz	122152.04	426335.50	148744.52	16966.75	1836.47	187.47	21.59	4.70	2.96
63 Hz	155753.72	430707.65	196509.93	23756.09	2118.51	247.94	28.63	4.98	3.21
125 Hz	141107.05	464919.04	137962.18	22279.23	2348.16	278.32	24.09	5.18	3.18
250 Hz	130945.88	423642.31	185521.87	22482.51	1920.75	224.02	25.74	5.48	3.16
500 Hz	120169.69	441041.00	167388.33	19905.75	1941.90	195.86	27.27	5.35	3.20
1000 Hz	136945.05	441373.00	141556.37	18634.12	1865.72	158.29	19.53	4.83	3.17
2000 Hz	129468.55	374704.81	151518.10	12839.41	1465.93	157.81	15.48	4.43	3.11
4000 Hz	133770.65	314450.93	67552.79	11418.44	884.94	113.33	14.01	3.93	3.08
8000 Hz	105734.92	149103.32	24935.76	2240.77	303.71	31.12	5.67	3.21	3.02
16000 Hz	131373.23	227045.56	43657.73	4576.98	470.07	59.15	9.07	3.38	3.05



Sine Tone Testing

Analyser: FFT

Time Series Output: Level, Units: dB.

Hz/dB	20 dB	30 dB	40 dB	50 dB	60 dB	70 dB	80 dB	90 dB	100 dB
16 Hz	21.18	31.18	41.18	51.18	61.18	71.18	81.18	91.18	101.18
32 Hz	20.11	30.11	40.11	50.11	60.11	70.11	80.11	90.11	100.11
63 Hz	20.02	30.03	40.02	50.02	60.02	70.02	80.02	90.02	100.02
125 Hz	20.03	30.02	40.02	50.02	60.02	70.02	80.02	90.02	100.02
250 Hz	20.02	30.02	40.02	50.02	60.02	70.02	80.02	90.02	100.02
500 Hz	20.02	30.02	40.02	50.02	60.02	70.02	80.02	90.02	100.02
1000 Hz	20.02	30.02	40.02	50.02	60.02	70.02	80.02	90.02	100.02
2000 Hz	20.02	30.02	40.02	50.02	60.02	70.02	80.02	90.02	100.02
4000 Hz	20.02	30.02	40.02	50.02	60.02	70.02	80.02	90.02	100.02
8000 Hz	20.02	30.02	40.02	50.02	60.02	70.02	80.02	90.02	100.02
16000 Hz	20.02	30.02	40.02	50.02	60.02	70.02	80.02	90.02	100.02

