Frequency Mixer HJK-412H+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=1300.1MHz (dB)		
		@LO (dBm)		
		+15	+17	+19
605.0	1905.1	9.08	9.70	9.72
730.0	2030.1	9.13	8.96	8.91
830.0	2130.1	9.39	9.30	9.30
955.0	2255.1	9.72	9.78	9.79
1055.0	2355.1	9.93	10.00	10.07
1180.0	2480.1	10.03	10.11	10.21
1305.0	2605.1	9.78	9.84	9.95
1430.0	2730.1	9.25	9.28	9.32
1530.0	2830.1	8.57	8.56	8.56
1655.0	2955.1	8.24	8.19	8.16
1780.0	3080.1	8.33	8.26	8.23
1880.0	3180.1	8.99	8.95	8.95
2005.0	3305.1	10.12	10.10	10.12
2130.0	3430.1	9.74	9.67	9.64
2255.0	3555.1	9.44	9.36	9.32
2355.0	3655.1	9.14	9.02	8.93
2480.0	3780.1	9.36	9.22	9.14
2605.0	3905.1	9.18	8.99	8.87
2705.0	4005.1	9.93	9.74	9.60
2830.0	4130.1	10.10	9.91	9.77
2955.0	4255.1	10.34	10.18	10.07
3075.0	4375.1	10.58	10.45	10.36
3175.0	4475.1	10.71	10.58	10.49
3300.0	4600.1	10.82	10.71	10.63
3425.0	4725.1	10.72	10.59	10.52
3525.0	4825.1	10.54	10.39	10.30
3650.0	4950.1	10.56	10.41	10.30
3775.0	5075.1	10.53	10.37	10.25
3900.0	5200.1	10.47	10.28	10.12
4000.0	5300.1	10.53	10.35	10.17
4125.0	5425.1	10.73	10.57	10.44
4250.0	5550.1	11.20	11.06	10.97
4350.0	5650.1	11.59	11.49	11.44
4500.0	5800.1	11.25	11.10	10.98
4600.0	5900.1	11.29	11.13	11.02
4725.0	6025.1	11.40	11.21	11.09
4825.0	6125.1	11.62	11.43	11.30
4950.0	6250.1	11.90	11.69	11.54
5075.0	6375.1	12.10	11.84	11.70
5200.0	6500.1	12.31	12.02	11.85

RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm)		
		@LO (dBm)		
		+15	+17	+19
605.0	1905.1	16.17	12.48	11.23
730.0	2030.1	24.65	27.87	23.98
830.0	2130.1	26.36	24.55	23.90
955.0	2255.1	27.43	33.85	28.54
1055.0	2355.1	29.18	29.58	34.59
1180.0	2480.1	35.17	42.55	32.35
1305.0	2605.1	38.71	34.58	31.78
1430.0	2730.1	31.25	37.58	36.08
1530.0	2830.1	34.14	32.91	33.54
1655.0	2955.1	27.14	28.31	29.39
1780.0	3080.1	22.46	23.36	24.56
1880.0	3180.1	23.40	25.04	26.56
2005.0	3305.1	23.67	27.16	29.12
2130.0	3430.1	23.15	25.66	27.98
2255.0	3555.1	21.63	23.47	26.13
2355.0	3655.1	20.48	22.64	24.64
2480.0	3780.1	21.45	23.73	26.07
2605.0	3905.1	21.42	23.13	25.20
2705.0	4005.1	22.11	23.99	26.20
2830.0	4130.1	22.11	25.06	27.29
2955.0	4255.1	22.56	25.05	27.56
3075.0	4375.1	22.76	25.35	29.46
3175.0	4475.1	22.06	24.53	27.17
3300.0	4600.1	22.30	24.70	28.20
3425.0	4725.1	22.16	24.14	26.92
3525.0	4825.1	22.14	23.63	26.20
3650.0	4950.1	22.40	24.30	26.66
3775.0	5075.1	24.30	25.70	28.41
3900.0	5200.1	22.89	24.18	25.98
4000.0	5300.1	22.24	23.91	25.15
4125.0	5425.1	21.75	22.96	24.15
4250.0	5550.1	20.07	21.30	22.39
4350.0	5650.1	19.24	20.72	21.81
4500.0	5800.1	17.88	19.15	20.50
4600.0	5900.1	18.28	19.78	21.25
4725.0	6025.1	17.99	19.70	21.13
4825.0	6125.1	17.15	19.07	20.63
4950.0	6250.1	16.25	18.66	20.27
5075.0	6375.1	15.81	18.56	20.42
5200.0	6500.1	15.74	18.99	21.21

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+14dBm (dB)		
		@LO (dBm)		
		+15	+17	+19
605.0	1905.1	0.04	-0.87	-0.59
730.0	2030.1	-0.02	0.00	0.18
830.0	2130.1	-0.08	0.03	0.12
955.0	2255.1	0.03	0.01	0.02
1055.0	2355.1	0.00	0.00	-0.01
1180.0	2480.1	0.00	0.00	-0.02
1305.0	2605.1	0.00	0.01	-0.01
1430.0	2730.1	0.05	0.03	0.02
1530.0	2830.1	0.15	0.08	0.05
1655.0	2955.1	0.45	0.24	0.13
1780.0	3080.1	1.05	0.61	0.31
1880.0	3180.1	0.85	0.49	0.25
2005.0	3305.1	0.54	0.28	0.13
2130.0	3430.1	0.56	0.30	0.16
2255.0	3555.1	0.69	0.37	0.20
2355.0	3655.1	0.91	0.53	0.30
2480.0	3780.1	0.77	0.46	0.28
2605.0	3905.1	0.79	0.50	0.31
2705.0	4005.1	0.75	0.45	0.28
2830.0	4130.1	0.70	0.43	0.26
2955.0	4255.1	0.62	0.37	0.23
3075.0	4375.1	0.60	0.35	0.21
3175.0	4475.1	0.64	0.39	0.23
3300.0	4600.1	0.64	0.38	0.23
3425.0	4725.1	0.69	0.43	0.26
3525.0	4825.1	0.78	0.55	0.36
3650.0	4950.1	0.83	0.57	0.38
3775.0	5075.1	0.98	0.67	0.45
3900.0	5200.1	1.21	0.84	0.57
4000.0	5300.1	1.17	0.81	0.56
4137.8	5437.9	1.22	0.82	0.59
4278.7	5578.8	1.43	0.89	0.58
4391.5	5691.6	1.49	0.83	0.43
4532.4	5832.5	1.64	1.01	0.63
4673.4	5973.5	2.15	1.31	0.78
4814.4	6114.5	2.60	1.71	1.11
4927.1	6227.2	2.97	2.01	1.26
5068.1	6368.2	3.06	2.06	1.28
5209.0	6509.1	3.45	2.41	1.44
5350.0	6650.1	4.57	3.26	2.22

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2650.1MHz (dB) @LO (dBm) +17
1500.1	1150.0	12.59
1430.1	1220.0	12.16
1360.1	1290.0	10.94
1290.1	1360.0	10.94
1220.1	1430.0	11.04
1150.1	1500.0	10.49
1080.1	1570.0	10.05
1010.1	1640.0	9.57
940.1	1710.0	8.98
870.1	1780.0	8.63
800.1	1850.0	8.61
730.1	1920.0	8.64
660.1	1990.0	8.70
580.1	2070.0	8.61
510.1	2140.0	8.70
440.1	2210.0	9.01
370.1	2280.0	9.15
300.1	2350.0	9.65
230.1	2420.0	10.57
160.1	2490.0	12.10
419.9	3070.0	10.65
519.9	3170.0	10.23
619.9	3270.0	10.17
719.9	3370.0	9.91
819.9	3470.0	9.74
919.9	3570.0	9.57
1019.9	3670.0	9.35
1119.9	3770.0	9.07
1219.9	3870.0	9.04
1319.9	3970.0	9.08
1419.9	4070.0	9.30
1519.9	4170.0	9.50
1619.9	4270.0	9.74
1719.9	4370.0	10.05
1819.9	4470.0	10.49
1919.9	4570.0	10.81
2019.9	4670.0	11.14
2119.9	4770.0	11.52
2219.9	4870.0	12.08
2319.9	4970.0	12.37

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=800.1MHz (dB) @LO (dBm) +17
304.9	1105.0	12.53
344.9	1145.0	10.47
394.9	1195.0	9.20
444.9	1245.0	8.25
494.9	1295.0	8.33
534.9	1335.0	8.02
584.9	1385.0	8.01
634.9	1435.0	8.21
684.9	1485.0	8.62
734.9	1535.0	8.30
774.9	1575.0	8.55
824.9	1625.0	8.82
874.9	1675.0	8.95
924.9	1725.0	9.32
974.9	1775.0	9.30
1014.9	1815.0	9.25
1064.9	1865.0	9.24
1109.9	1910.0	9.10
1184.9	1985.0	9.23
1259.9	2060.0	9.39
1319.9	2120.0	9.44
1394.9	2195.0	9.58
1469.9	2270.0	9.43
1544.9	2345.0	9.67
1619.9	2420.0	9.97
1679.9	2480.0	9.68
1754.9	2555.0	9.66
1829.9	2630.0	9.75
1904.9	2705.0	10.08
1979.9	2780.0	10.21
2039.9	2840.0	10.60
2114.9	2915.0	10.60
2189.9	2990.0	11.16
2264.9	3065.0	11.27
2339.9	3140.0	11.51
2399.9	3200.0	12.18
2474.9	3275.0	12.47
2549.9	3350.0	12.78
2624.9	3425.0	12.75
2699.9	3500.0	12.97

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4500.1MHz (dB) @LO (dBm) +17
2445.1	2055.0	10.35
2405.1	2095.0	10.52
2355.1	2145.0	10.91
2315.1	2185.0	11.41
2265.1	2235.0	11.85
2225.1	2275.0	12.10
2175.1	2325.0	11.96
2135.1	2365.0	11.61
2085.1	2415.0	10.70
2035.1	2465.0	9.93
1995.1	2505.0	9.67
1945.1	2555.0	9.33
1905.1	2595.0	9.33
1855.1	2645.0	9.09
1815.1	2685.0	8.97
1765.1	2735.0	8.90
1715.1	2785.0	9.01
1675.1	2825.0	8.99
1625.1	2875.0	9.12
1585.1	2915.0	9.27
1535.1	2965.0	9.38
1495.1	3005.0	9.30
1445.1	3055.0	9.54
1405.1	3095.0	9.55
1314.1	3186.0	9.70
1204.1	3296.0	9.62
1116.1	3384.0	9.77
1006.1	3494.0	10.07
918.1	3582.0	10.24
808.1	3692.0	10.39
720.1	3780.0	10.60
610.1	3890.0	10.81
500.1	4000.0	11.10
450.1	4050.0	10.95
400.1	4100.0	11.08
360.1	4140.0	11.36
310.1	4190.0	11.58
270.1	4230.0	11.65
220.1	4280.0	12.03
170.1	4330.0	12.74

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB) @LO (dBm)			LO-IF ISOLATION (dB) @LO (dBm)		
	+15	+17	+19	+15	+17	+19
1905.1	24.92	24.60	24.36	27.39	27.22	27.10
2030.1	32.82	32.73	32.65	28.28	28.33	28.40
2130.1	38.22	38.14	38.09	30.81	30.92	31.01
2255.1	48.64	47.90	47.40	30.60	30.78	30.96
2355.1	47.70	47.16	46.71	30.70	30.89	31.10
2480.1	41.91	41.77	41.59	31.02	31.20	31.40
2605.1	33.61	33.49	33.30	30.09	30.27	30.50
2730.1	26.54	26.67	27.31	33.96	34.74	36.46
2830.1	35.56	35.58	35.59	41.92	41.64	41.23
2955.1	42.52	41.61	41.28	40.78	40.64	40.56
3080.1	41.00	41.84	42.26	37.67	37.48	37.35
3180.1	29.50	29.33	29.13	37.69	37.44	37.27
3305.1	29.99	29.81	29.67	34.83	34.41	34.02
3430.1	33.61	33.50	33.41	33.74	33.35	32.96
3555.1	35.99	36.02	36.01	33.47	33.07	32.73
3655.1	36.65	36.65	36.63	33.55	33.19	32.83
3780.1	36.71	36.87	36.95	34.13	33.70	33.30
3905.1	33.26	33.34	33.34	35.74	35.35	34.97
4005.1	31.99	31.84	31.68	36.80	36.61	36.43
4130.1	29.56	29.42	29.22	36.98	36.78	36.61
4255.1	26.83	26.74	26.63	35.91	35.56	35.24
4375.1	27.56	27.51	27.49	37.82	37.28	36.84
4475.1	29.64	29.64	29.62	42.36	41.43	40.88
4600.1	30.03	30.00	29.98	42.66	43.23	43.73
4725.1	30.70	30.63	30.58	38.44	38.97	39.45
4825.1	30.49	30.37	30.26	36.33	36.65	36.98
4950.1	30.66	30.56	30.47	38.90	39.48	40.45
5075.1	31.43	31.37	31.30	40.64	41.19	41.87
5200.1	31.51	31.53	31.55	39.04	39.22	39.54
5300.1	30.84	30.90	30.97	35.19	35.13	35.10
5425.1	28.70	28.66	28.61	28.78	28.60	28.46
5550.1	28.67	28.60	28.54	27.84	28.03	28.24
5650.1	30.52	30.44	30.39	29.69	30.01	30.37
5800.1	29.74	29.52	29.33	29.70	29.80	29.88
5900.1	28.31	28.04	27.80	28.06	28.04	28.00
6025.1	27.33	27.19	27.06	26.82	26.82	26.82
6125.1	27.63	27.54	27.45	26.75	26.85	26.92
6250.1	28.51	28.41	28.30	28.11	28.29	28.43
6375.1	29.17	29.06	28.95	34.92	35.07	35.20
6500.1	30.18	30.09	30.03	36.36	36.38	36.38

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB) @LO (dBm)		
		+15	+17	+19
605.0	1905.1	27.45	26.15	37.95
730.0	2030.1	32.83	43.22	40.05
830.0	2130.1	47.71	44.17	41.74
955.0	2255.1	43.69	46.04	52.71
1055.0	2355.1	41.82	43.97	47.57
1180.0	2480.1	40.63	41.56	42.54
1305.0	2605.1	37.94	38.45	39.43
1430.0	2730.1	35.00	35.53	36.45
1530.0	2830.1	40.20	40.32	38.57
1655.0	2955.1	47.76	48.42	45.67
1780.0	3080.1	39.87	39.90	40.90
1880.0	3180.1	28.58	28.22	28.25
2005.0	3305.1	27.66	27.60	27.92
2130.0	3430.1	30.13	30.07	30.22
2255.0	3555.1	34.19	34.50	35.14
2355.0	3655.1	30.22	30.42	30.94
2480.0	3780.1	28.11	28.26	28.46
2605.0	3905.1	27.15	27.15	27.25
2705.0	4005.1	25.34	25.22	25.27
2830.0	4130.1	37.08	36.88	36.79
2955.0	4255.1	41.81	41.34	40.91
3075.0	4375.1	41.73	40.66	39.78
3175.0	4475.1	42.79	41.58	40.40
3300.0	4600.1	40.44	39.24	38.29
3425.0	4725.1	39.32	38.24	37.15
3525.0	4825.1	37.84	36.86	35.94
3650.0	4950.1	34.80	33.91	33.37
3775.0	5075.1	33.57	32.84	32.04
3900.0	5200.1	31.98	31.56	31.26
4000.0	5300.1	28.10	27.80	27.60
4125.0	5425.1	25.19	24.95	24.68
4250.0	5550.1	22.62	22.28	21.97
4350.0	5650.1	23.81	23.61	23.42
4500.0	5800.1	22.26	22.09	21.96
4600.0	5900.1	21.02	20.86	20.71
4725.0	6025.1	20.18	20.07	19.97
4825.0	6125.1	19.57	19.46	19.31
4950.0	6250.1	19.78	19.72	19.61
5075.0	6375.1	19.99	20.00	19.99
5200.0	6500.1	20.11	20.16	20.16

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1) @LO (dBm)		
		+15	+17	+19
605.0	1905.1	6.89	8.17	3.04
730.0	2030.1	4.03	4.29	4.73
830.0	2130.1	4.46	4.49	4.70
955.0	2255.1	4.39	4.52	4.77
1055.0	2355.1	4.35	4.56	4.70
1180.0	2480.1	4.15	4.33	4.54
1305.0	2605.1	3.66	3.83	3.96
1430.0	2730.1	3.04	3.15	3.25
1530.0	2830.1	2.65	2.72	2.80
1655.0	2955.1	2.53	2.59	2.66
1780.0	3080.1	2.55	2.58	2.63
1880.0	3180.1	2.68	2.68	2.69
2005.0	3305.1	3.33	3.38	3.44
2130.0	3430.1	3.09	3.13	3.18
2255.0	3555.1	2.86	2.89	2.93
2355.0	3655.1	2.80	2.81	2.83
2480.0	3780.1	2.79	2.80	2.81
2605.0	3905.1	2.67	2.65	2.64
2705.0	4005.1	2.61	2.58	2.57
2830.0	4130.1	2.89	2.88	2.87
2955.0	4255.1	2.75	2.74	2.74
3075.0	4375.1	2.55	2.55	2.56
3175.0	4475.1	2.39	2.39	2.39
3300.0	4600.1	2.22	2.22	2.23
3425.0	4725.1	2.06	2.07	2.08
3525.0	4825.1	1.95	1.95	1.96
3650.0	4950.1	1.78	1.79	1.81
3775.0	5075.1	1.69	1.70	1.72
3900.0	5200.1	1.62	1.64	1.67
4000.0	5300.1	1.61	1.64	1.67
4125.0	5425.1	1.62	1.66	1.70
4250.0	5550.1	1.59	1.62	1.66
4350.0	5650.1	1.56	1.59	1.62
4500.0	5800.1	1.88	1.93	1.98
4600.0	5900.1	2.01	2.08	2.15
4725.0	6025.1	2.18	2.24	2.31
4825.0	6125.1	2.38	2.45	2.53
4950.0	6250.1	2.53	2.60	2.71
5075.0	6375.1	2.76	2.85	2.95
5200.0	6500.1	2.96	3.02	3.11

LO (MHz)	LO VSWR (:1) @LO (dBm)		
	+15	+17	+19
1905.1	3.85	3.84	3.82
2030.1	4.55	4.56	4.57
2130.1	5.18	5.19	5.20
2255.1	6.01	6.00	5.96
2355.1	6.73	6.70	6.63
2480.1	7.17	7.12	6.98
2605.1	8.38	8.32	8.20
2730.1	7.60	7.56	7.53
2830.1	7.92	7.86	7.79
2955.1	8.01	7.85	7.59
3080.1	7.65	7.51	7.31
3180.1	6.91	6.79	6.61
3305.1	6.75	6.74	6.68
3430.1	6.12	6.06	5.95
3555.1	5.34	5.25	5.10
3655.1	4.29	4.24	4.15
3780.1	3.70	3.69	3.66
3905.1	3.62	3.61	3.60
4005.1	3.20	3.19	3.18
4130.1	2.69	2.66	2.63
4255.1	2.25	2.24	2.22
4375.1	2.00	2.00	1.99
4475.1	1.91	1.91	1.91
4600.1	1.97	1.97	1.97
4725.1	2.21	2.21	2.22
4825.1	2.47	2.47	2.48
4950.1	2.94	2.95	2.96
5075.1	3.41	3.41	3.41
5200.1	3.79	3.77	3.74
5300.1	4.05	4.03	3.99
5425.1	4.33	4.33	4.33
5550.1	4.55	4.55	4.56
5650.1	4.72	4.73	4.73
5775.1	4.94	4.93	4.90
5900.1	5.03	5.01	4.97
6025.1	5.11	5.12	5.11
6125.1	5.13	5.14	5.13
6250.1	5.20	5.21	5.21
6375.1	4.97	4.97	4.95
6500.1	4.68	4.68	4.66

IF (OUT) (MHz)	IF VSWR @LO=5000.1MHz (:1) @LO (dBm)		
	+15	+17	+19
303.0	3.69	3.88	4.08
363.0	3.38	3.58	3.78
443.0	3.14	3.33	3.53
503.0	3.01	3.18	3.36
583.0	2.86	3.00	3.15
643.0	2.78	2.88	3.00
723.0	2.67	2.76	2.85
803.0	2.59	2.65	2.73
863.0	2.48	2.54	2.60
943.0	2.28	2.32	2.37
1003.0	2.19	2.22	2.26
1083.0	1.98	2.00	2.03
1163.0	1.82	1.83	1.85
1223.0	1.69	1.70	1.72
1300.0	1.57	1.58	1.59
1315.0	1.54	1.55	1.56
1335.0	1.51	1.52	1.53
1355.0	1.48	1.49	1.50
1370.0	1.44	1.45	1.46
1390.0	1.44	1.45	1.46
1405.0	1.42	1.43	1.45
1425.0	1.37	1.38	1.40
1440.0	1.35	1.36	1.39
1460.0	1.33	1.35	1.37
1480.0	1.33	1.34	1.37
1500.0	1.30	1.33	1.36
1542.0	1.28	1.31	1.35
1575.0	1.27	1.30	1.34
1619.0	1.26	1.30	1.34
1663.0	1.27	1.32	1.37
1696.0	1.31	1.36	1.42
1740.0	1.34	1.39	1.45
1773.0	1.38	1.43	1.49
1817.0	1.41	1.46	1.52
1861.0	1.49	1.54	1.60
1894.0	1.54	1.60	1.66
1938.0	1.63	1.69	1.75
1971.0	1.72	1.79	1.86
2015.0	1.84	1.92	1.99
2059.0	1.96	2.05	2.14

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	---	---	2.27	0.97	29.70	27.81	38.93	54.87	---	---	---	---
1	---	26.92	---	52.01	37.15	35.58	48.32	77.19	---	---	---	---
2	97.09	51.29	58.38	56.45	66.49	80.10	70.57	78.38	70.94	---	---	---
3	128.66	80.56	59.16	78.15	60.89	82.00	70.05	88.60	88.07	94.87	---	---
4	130.72	102.66	93.72	89.16	86.90	90.57	107.14	101.55	106.92	109.08	106.04	---
5	128.11	110.98	102.20	108.93	85.33	99.99	99.39	114.10	110.78	110.13	108.97	---
6	126.62	111.39	113.35	110.09	107.53	111.17	102.74	114.78	109.39	112.01	110.57	108.95
7	127.14	112.12	112.19	114.05	112.58	90.30	102.68	108.30	113.67	112.69	111.11	109.31
8	124.21	107.69	110.17	112.04	114.59	114.81	114.00	114.26	115.20	114.66	112.43	110.68
9	121.94	106.29	109.34	110.98	114.50	113.10	114.85	115.70	111.15	115.80	114.18	112.76
10	124.06	---	107.90	109.81	112.57	114.33	115.28	113.81	115.07	114.31	112.92	114.15
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 2900 MHz; 0 dBm.**
LO IN: 4200 MHz; +17.00 dBm
IF OUT: 1300 MHz; -9.84 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	---	---	12.73	12.61	31.91	38.15	54.38	61.39	---	---	---	---
1	---	24.99	---	55.59	37.40	36.43	51.25	77.89	---	---	---	---
2	77.19	41.35	49.88	45.94	57.90	70.75	61.63	70.35	69.96	---	---	---
3	101.99	57.69	35.88	53.63	38.32	58.15	50.90	69.39	79.85	80.81	---	---
4	131.44	74.65	88.89	69.63	53.79	61.33	66.99	72.10	74.03	94.38	100.49	---
5	110.28	93.49	83.91	83.46	62.62	74.28	74.91	88.87	88.10	88.32	105.25	---
6	126.49	101.84	93.11	74.42	76.50	73.62	70.92	87.84	90.28	87.59	104.33	101.07
7	114.32	109.85	95.45	93.12	86.31	83.62	66.61	80.66	79.40	85.95	88.27	109.23
8	124.47	113.40	111.28	106.90	105.06	91.82	75.93	81.30	87.51	96.78	97.94	110.56
9	123.21	112.66	115.79	105.84	94.33	101.28	83.72	89.81	84.42	99.31	96.37	111.10
10	124.32	---	114.16	115.35	105.78	103.32	103.96	88.53	82.41	89.21	97.17	100.54
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 2900 MHz; +10 dBm.**
LO IN: 4200 MHz; +17.00 dBm
IF OUT: 1300 MHz; -0.84 dBm

Notes: 1. All Harmonics are in (dBc) relative to IF OUTPUT