

Frequency Mixer

SIM-83LH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+7	+10	+13
1500.1	1530.1	11.57	8.10	7.40
1680.1	1710.1	8.77	6.80	6.30
1860.1	1890.1	7.97	6.70	6.33
2040.1	2070.1	7.53	6.77	6.37
2220.1	2250.1	6.74	6.27	6.03
2400.1	2430.1	6.52	6.23	6.09
2580.1	2610.1	6.56	6.44	6.36
2760.1	2790.1	6.29	6.16	6.11
2940.1	2970.1	6.24	6.13	6.11
3120.1	3150.1	6.20	6.05	6.01
3300.1	3330.1	6.21	6.07	6.04
3480.1	3510.1	6.25	6.06	6.01
3660.1	3690.1	6.05	5.93	5.90
3840.1	3870.1	6.05	5.95	5.92
4020.1	4050.1	6.01	5.90	5.86
4200.1	4230.1	5.95	5.81	5.74
4380.1	4410.1	5.75	5.64	5.61
4560.1	4590.1	5.59	5.47	5.43
4720.1	4750.1	5.83	5.69	5.63
4900.1	4930.1	6.14	5.84	5.67
5060.1	5090.1	6.20	5.87	5.65
5240.1	5270.1	6.00	5.78	5.63
5400.1	5430.1	5.65	5.47	5.39
5580.1	5610.1	5.42	5.25	5.21
5740.1	5770.1	5.46	5.28	5.22
5920.1	5950.1	5.44	5.35	5.39
6080.1	6110.1	5.26	5.16	5.22
6260.1	6290.1	5.35	5.24	5.30
6420.1	6450.1	5.46	5.32	5.35
6600.1	6630.1	5.60	5.39	5.37
6760.1	6790.1	5.55	5.41	5.42
6940.1	6970.1	5.40	5.37	5.43
7100.1	7130.1	5.65	5.59	5.64
7280.1	7310.1	5.57	5.51	5.60
7440.1	7470.1	5.65	5.59	5.68
7620.1	7650.1	5.94	5.69	5.65
7780.1	7810.1	6.35	5.99	6.01
7960.1	7990.1	6.58	6.45	7.07
8120.1	8150.1	7.24	7.50	8.50
8300.1	8330.1	9.88	9.92	10.28

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+7	+10	+13
1500.1	1530.1	1.81	8.25	12.11
1680.1	1710.1	2.39	5.07	13.24
1860.1	1890.1	3.92	13.72	15.00
2040.1	2070.1	9.20	12.94	12.48
2220.1	2250.1	10.87	11.95	10.69
2400.1	2430.1	10.28	10.40	9.05
2580.1	2610.1	9.34	8.99	8.28
2760.1	2790.1	10.76	10.98	10.17
2940.1	2970.1	10.97	10.82	10.71
3120.1	3150.1	16.71	14.91	13.70
3300.1	3330.1	15.44	16.46	16.12
3480.1	3510.1	12.33	14.59	19.12
3660.1	3690.1	12.42	16.17	21.48
3840.1	3870.1	16.53	19.50	22.60
4020.1	4050.1	19.52	20.94	19.70
4200.1	4230.1	13.28	14.04	13.84
4380.1	4410.1	13.18	14.84	15.79
4560.1	4590.1	14.45	14.62	14.91
4720.1	4750.1	14.65	15.53	16.26
4900.1	4930.1	11.65	11.09	10.91
5060.1	5090.1	9.32	9.48	10.29
5240.1	5270.1	9.61	9.60	9.50
5400.1	5430.1	9.04	9.37	9.18
5580.1	5610.1	8.59	9.51	9.52
5740.1	5770.1	8.12	9.36	9.48
5920.1	5950.1	8.06	9.17	9.19
6080.1	6110.1	8.78	10.34	11.25
6260.1	6290.1	9.95	10.96	12.16
6420.1	6450.1	11.23	11.67	12.54
6600.1	6630.1	10.83	11.43	11.70
6760.1	6790.1	11.59	12.69	12.05
6940.1	6970.1	14.96	14.81	12.00
7100.1	7130.1	12.49	13.13	11.56
7280.1	7310.1	11.36	13.69	13.61
7440.1	7470.1	12.23	12.77	14.58
7620.1	7650.1	11.46	11.56	9.64
7780.1	7810.1	9.19	7.43	6.54
7960.1	7990.1	6.88	5.75	6.92
8120.1	8150.1	5.35	7.25	10.18
8300.1	8330.1	13.47	13.87	13.18

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+3dBm (dB)		
		@LO (dBm)		
		+7	+10	+13
1500.1	1530.1	2.09	2.76	2.30
1680.1	1710.1	3.45	2.84	1.96
1860.1	1890.1	3.06	2.64	2.13
2040.1	2070.1	2.59	2.27	2.00
2220.1	2250.1	2.58	2.26	1.97
2400.1	2430.1	2.34	1.99	1.74
2580.1	2610.1	1.84	1.60	1.39
2760.1	2790.1	1.50	1.36	1.28
2940.1	2970.1	1.30	1.12	1.04
3120.1	3150.1	1.03	0.83	0.77
3300.1	3330.1	0.86	0.69	0.57
3480.1	3510.1	0.87	0.64	0.46
3660.1	3690.1	0.74	0.46	0.33
3840.1	3870.1	0.75	0.54	0.41
4020.1	4050.1	1.01	0.75	0.58
4200.1	4230.1	1.28	0.99	0.77
4380.1	4410.1	1.25	1.05	0.91
4560.1	4590.1	1.02	0.78	0.62
4720.1	4750.1	1.41	1.14	0.94
4900.1	4930.1	1.82	1.61	1.38
5060.1	5090.1	1.91	1.70	1.48
5240.1	5270.1	2.12	1.91	1.73
5400.1	5430.1	2.26	2.08	1.89
5580.1	5610.1	2.17	1.97	1.81
5740.1	5770.1	2.04	1.83	1.66
5920.1	5950.1	1.94	1.70	1.55
6080.1	6110.1	1.60	1.43	1.36
6260.1	6290.1	1.41	1.16	1.08
6420.1	6450.1	1.41	1.16	1.07
6600.1	6630.1	1.39	1.27	1.26
6760.1	6790.1	1.54	1.42	1.41
6940.1	6970.1	1.38	1.25	1.35
7100.1	7130.1	1.32	1.23	1.33
7280.1	7310.1	1.09	0.91	0.94
7440.1	7470.1	1.32	1.04	0.92
7620.1	7650.1	1.92	1.88	1.94
7780.1	7810.1	2.42	2.49	2.62
7960.1	7990.1	2.49	2.45	2.14
8120.1	8150.1	2.54	2.11	1.56
8300.1	8330.1	1.87	1.25	1.24

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Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4850MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1690MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=8010.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
3289.9	1560.1	10.78	10.1	1700.1	6.94	3710.0	4300.1	10.65
3111.0	1739.0	8.95	110.1	1800.1	6.72	3610.0	4400.1	9.95
2952.0	1898.0	8.44	210.1	1900.1	6.67	3510.0	4500.1	9.27
2773.1	2076.9	7.65	310.1	2000.1	6.75	3410.0	4600.1	8.20
2614.0	2236.0	6.93	410.1	2100.1	6.69	3310.0	4700.1	8.04
2435.1	2414.9	6.16	510.1	2200.1	6.53	3210.0	4800.1	8.01
2276.1	2573.9	5.84	610.1	2300.1	6.23	3110.0	4900.1	8.01
2097.2	2752.8	6.13	710.1	2400.1	6.13	3010.0	5000.1	7.91
1938.2	2911.8	6.47	810.1	2500.1	6.27	2910.0	5100.1	7.80
1759.3	3090.7	7.07	910.1	2600.1	6.32	2810.0	5200.1	7.79
1600.3	3249.7	7.87	1010.1	2700.1	6.35	2710.0	5300.1	7.79
1421.4	3428.6	7.89	1110.1	2800.1	6.53	2610.0	5400.1	7.57
1262.3	3587.7	7.57	1210.1	2900.1	6.68	2510.0	5500.1	7.30
1083.4	3766.6	6.99	1310.1	3000.1	6.70	2410.0	5600.1	7.15
924.4	3925.6	6.38	1410.1	3100.1	6.78	2310.0	5700.1	7.17
745.5	4104.5	5.43	1510.1	3200.1	7.06	2210.0	5800.1	7.34
586.5	4263.5	5.28	1610.1	3300.1	7.13	2110.0	5900.1	7.44
407.6	4442.4	5.56	1710.1	3400.1	7.05	2010.0	6000.1	7.54
248.5	4601.5	5.77	1810.1	3500.1	6.94	1910.0	6100.1	7.51
69.6	4780.4	5.76	1910.1	3600.1	6.84	1810.0	6200.1	7.43
90.5	4940.5	5.88	2010.1	3700.1	6.97	1730.0	6280.1	7.31
271.6	5121.6	6.07	2110.1	3800.1	6.81	1630.0	6380.1	7.06
432.5	5282.5	6.37	2210.1	3900.1	6.70	1550.0	6460.1	7.03
613.6	5463.6	6.47	2310.1	4000.1	6.74	1450.0	6560.1	6.96
774.6	5624.6	6.37	2410.1	4100.1	6.83	1370.0	6640.1	6.93
955.7	5805.7	6.59	2510.1	4200.1	6.89	1270.0	6740.1	6.78
1116.7	5966.7	6.57	2610.1	4300.1	7.05	1190.0	6820.1	6.57
1297.7	6147.7	6.68	2710.1	4400.1	7.15	1090.0	6920.1	6.54
1458.7	6308.7	6.90	2810.1	4500.1	7.37	1010.0	7000.1	6.39
1639.8	6489.8	7.51	2910.1	4600.1	7.51	910.0	7100.1	6.29
1800.8	6650.8	7.82	3010.1	4700.1	7.55	830.0	7180.1	6.28
1981.9	6831.9	7.63	3110.1	4800.1	7.67	730.0	7280.1	6.16
2142.8	6992.8	7.30	3210.1	4900.1	7.75	650.0	7360.1	6.09
2323.9	7173.9	7.30	3310.1	5000.1	7.81	550.0	7460.1	6.08
2484.9	7334.9	7.10	3410.1	5100.1	7.85	470.0	7540.1	6.06
2666.0	7516.0	7.02	3510.1	5200.1	8.15	370.0	7640.1	5.95
2827.0	7677.0	6.87	3610.1	5300.1	8.63	290.0	7720.1	5.91
3008.0	7858.0	7.11	3710.1	5400.1	9.27	190.0	7820.1	6.01
3169.0	8019.0	8.09	3810.1	5500.1	9.84	110.0	7900.1	6.25
3350.1	8200.1	10.49	3910.1	5600.1	10.40	10.0	8000.1	6.73

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+7	+10	+13	+7	+10	+13
1530.1	43.76	37.24	35.54	21.83	22.36	23.88
1710.1	40.79	35.34	33.23	19.66	20.85	23.12
1890.1	33.31	31.50	31.36	18.69	20.65	22.75
2070.1	31.22	31.17	31.36	18.59	20.64	22.46
2250.1	33.39	33.60	33.70	19.25	21.35	23.14
2430.1	37.23	36.95	36.78	20.45	22.62	24.31
2610.1	38.83	37.48	36.02	21.78	23.44	23.97
2790.1	33.92	32.74	32.22	22.61	22.87	22.78
2970.1	30.92	29.72	28.61	22.89	22.93	21.92
3150.1	29.70	28.50	27.65	23.50	22.38	21.24
3330.1	29.22	28.00	26.94	24.26	23.03	21.77
3510.1	29.53	28.34	27.31	24.26	22.85	21.81
3690.1	30.14	28.92	27.88	25.16	23.86	22.94
3870.1	30.67	29.52	28.65	28.27	26.88	26.02
4050.1	31.52	30.19	29.41	32.82	31.67	31.16
4230.1	29.69	29.19	28.99	32.51	33.23	33.94
4410.1	28.68	28.12	28.00	23.97	23.59	23.39
4590.1	27.15	26.84	26.57	18.37	17.80	17.54
4750.1	27.17	26.91	26.55	15.40	15.04	14.73
4930.1	27.04	26.98	26.78	14.14	14.01	13.78
5090.1	26.10	25.85	25.43	14.36	14.17	13.84
5270.1	25.07	24.87	24.18	15.01	15.08	14.70
5430.1	24.08	23.65	23.10	15.94	15.99	15.83
5610.1	23.27	22.67	22.01	17.13	17.34	17.28
5770.1	22.56	21.68	20.90	18.36	18.77	18.81
5950.1	22.03	20.91	19.74	20.07	20.88	21.13
6110.1	20.96	20.11	18.91	21.74	22.91	23.52
6290.1	20.42	19.07	18.25	24.74	26.51	28.05
6450.1	20.33	19.06	18.38	26.82	29.39	32.33
6630.1	19.85	18.85	18.33	28.10	28.90	29.86
6790.1	19.94	19.07	18.61	29.81	29.76	30.09
6970.1	19.85	19.62	19.17	36.05	34.88	33.85
7130.1	19.31	19.34	18.83	33.32	32.95	31.93
7310.1	19.19	19.17	18.96	24.48	24.08	23.88
7470.1	19.29	19.47	19.43	20.13	19.95	19.97
7650.1	20.14	20.41	20.42	18.32	18.33	18.52
7810.1	20.20	20.77	20.59	16.47	16.67	16.59
7990.1	20.42	20.78	20.39	12.30	12.85	13.25
8150.1	22.18	22.14	21.49	9.60	10.39	10.96
8330.1	22.39	22.13	21.60	8.21	8.45	8.94

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
1500.1	1530.1	25.85	33.09	16.47
1679.8	1709.8	18.73	13.94	10.45
1859.6	1889.6	11.99	9.93	9.19
2039.3	2069.3	10.77	10.04	9.72
2219.0	2249.0	11.66	10.98	10.62
2398.8	2428.8	13.65	12.99	12.63
2578.5	2608.5	16.93	16.56	16.24
2758.3	2788.3	18.44	18.19	17.88
2938.0	2968.0	20.11	19.93	20.05
3117.7	3147.7	21.16	20.54	20.01
3297.5	3327.5	20.70	20.32	19.61
3477.2	3507.2	19.31	18.95	18.54
3656.9	3686.9	19.23	18.89	18.54
3836.7	3866.7	19.92	19.80	19.58
4016.4	4046.4	20.21	20.06	19.86
4196.2	4226.2	22.38	22.10	21.87
4375.9	4405.9	25.66	25.16	24.83
4555.6	4585.6	28.35	27.80	27.21
4735.4	4765.4	36.58	36.16	35.89
4915.1	4945.1	30.96	30.73	30.56
5094.8	5124.8	27.58	27.41	27.20
5274.6	5304.6	24.50	24.27	24.15
5434.3	5464.3	23.37	23.22	22.90
5614.1	5644.1	22.63	22.37	22.10
5773.8	5803.8	22.17	22.00	21.80
5953.6	5983.6	21.83	21.64	21.49
6113.3	6143.3	22.55	21.94	21.54
6293.1	6323.1	20.99	20.39	20.12
6452.8	6482.8	22.16	21.26	20.92
6632.6	6662.6	26.36	25.33	24.78
6792.4	6822.4	28.17	27.30	26.65
6972.1	7002.1	33.85	33.77	33.32
7131.9	7161.9	38.16	39.92	44.45
7311.6	7341.6	29.26	28.28	27.94
7471.4	7501.4	25.30	23.53	22.17
7651.1	7681.1	21.48	22.55	24.60
7810.9	7840.9	25.15	26.34	32.40
7990.6	8020.6	27.61	29.76	28.10
8150.4	8180.4	27.54	28.15	24.89
8330.1	8360.1	25.21	24.41	22.94

Frequency Mixer

SIM-83LH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=8000MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
1500.1	1530.1	4.01	2.65	2.41	1530.1	27.59	22.00	18.30	10.0	1.06	1.17	1.52
1679.8	1709.8	2.47	1.91	1.69	1710.1	22.00	14.87	11.24	89.8	1.12	1.20	1.59
1859.6	1889.6	1.89	1.47	1.33	1890.1	11.61	8.27	7.90	169.5	1.19	1.26	1.63
2039.3	2069.3	2.00	1.76	1.61	2070.1	6.13	5.77	6.32	269.3	1.34	1.35	1.64
2219.0	2249.0	2.28	2.09	1.96	2250.1	4.18	4.46	5.17	349.0	1.44	1.43	1.66
2398.8	2428.8	2.70	2.57	2.47	2430.1	3.00	3.48	4.23	448.7	1.61	1.52	1.66
2578.5	2608.5	3.00	2.97	2.92	2610.1	2.38	2.90	3.60	528.5	1.74	1.62	1.71
2758.3	2788.3	3.04	2.96	2.92	2790.1	2.07	2.58	3.23	628.2	1.90	1.73	1.75
2938.0	2968.0	3.06	2.92	2.86	2970.1	2.02	2.48	3.09	708.0	2.04	1.83	1.82
3117.7	3147.7	3.08	2.84	2.69	3150.1	2.04	2.51	3.12	807.7	2.24	1.99	1.90
3297.5	3327.5	2.95	2.73	2.55	3330.1	2.16	2.66	3.29	887.5	2.38	2.10	1.96
3477.2	3507.2	2.56	2.31	2.14	3510.1	2.39	2.88	3.48	987.2	2.61	2.28	2.05
3656.9	3686.9	2.31	2.13	1.99	3690.1	2.37	2.88	3.55	1067.0	2.77	2.41	2.11
3836.7	3866.7	2.36	2.22	2.10	3870.1	2.34	2.96	3.68	1166.7	2.91	2.51	2.13
4016.4	4046.4	2.49	2.34	2.22	4050.1	2.43	3.15	3.95	1246.5	3.05	2.63	2.18
4196.2	4226.2	2.75	2.59	2.47	4230.1	2.49	3.29	4.19	1346.2	3.10	2.65	2.11
4375.9	4405.9	2.56	2.39	2.28	4410.1	2.61	3.47	4.43	1425.9	3.20	2.73	2.17
4555.6	4585.6	2.16	1.98	1.83	4590.1	2.69	3.53	4.46	1525.7	3.24	2.74	2.14
4735.4	4765.4	2.28	2.14	2.02	4750.1	2.63	3.39	4.22	1605.4	3.28	2.77	2.14
4915.1	4945.1	2.85	2.62	2.43	4930.1	2.73	3.41	4.14	1705.1	3.32	2.77	2.11
5094.8	5124.8	2.89	2.68	2.48	5090.1	2.82	3.45	4.22	1784.9	3.50	2.89	2.18
5274.6	5304.6	2.63	2.44	2.29	5270.1	2.82	3.30	3.91	1884.6	3.54	2.90	2.17
5434.3	5464.3	2.39	2.22	2.07	5430.1	2.88	3.23	3.76	1964.4	3.62	2.95	2.20
5614.1	5644.1	2.18	2.01	1.87	5610.1	2.85	3.01	3.42	2064.1	3.58	2.91	2.17
5773.8	5803.8	2.07	1.95	1.85	5770.1	2.68	2.68	2.95	2143.9	3.54	2.88	2.17
5953.6	5983.6	1.85	1.79	1.76	5950.1	2.37	2.26	2.42	2243.6	3.47	2.82	2.18
6113.3	6143.3	1.85	1.71	1.65	6110.1	2.06	1.90	2.00	2323.4	3.41	2.79	2.21
6293.1	6323.1	1.84	1.69	1.63	6290.1	1.65	1.53	1.66	2423.1	3.32	2.72	2.22
6452.8	6482.8	1.87	1.69	1.59	6450.1	1.33	1.31	1.56	2502.9	3.26	2.71	2.28
6632.6	6662.6	1.96	1.80	1.69	6630.1	1.07	1.38	1.74	2602.6	3.13	2.63	2.33
6792.4	6822.4	1.85	1.74	1.68	6790.1	1.25	1.66	2.11	2682.3	3.02	2.58	2.39
6972.1	7002.1	1.74	1.67	1.61	6970.1	1.47	1.98	2.52	2782.1	2.93	2.57	2.49
7131.9	7161.9	1.90	1.85	1.82	7130.1	1.72	2.22	2.78	2861.8	2.90	2.62	2.66
7311.6	7341.6	1.76	1.72	1.71	7310.1	2.07	2.53	3.08	2961.5	2.95	2.74	2.89
7471.4	7501.4	1.66	1.52	1.45	7470.1	2.41	2.81	3.30	3041.3	2.97	2.86	3.14
7651.1	7681.1	1.98	1.80	1.67	7650.1	2.64	2.96	3.40	3141.0	3.07	3.07	3.48
7810.9	7840.9	2.38	2.15	1.94	7810.1	2.84	3.07	3.43	3220.8	3.01	3.12	3.65
7990.6	8020.6	2.46	2.29	2.22	7990.1	2.78	2.92	3.25	3320.5	3.23	3.47	4.13
8150.4	8180.4	2.29	2.23	2.37	8150.1	2.67	2.81	3.08	3400.3	3.48	3.87	4.67
8330.1	8360.1	2.55	2.49	2.47	8330.1	2.43	2.51	2.71	3500.0	3.95	4.54	5.54

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+14	1	23	20	---	---	---	---	---	---
1	-	27	+0	48	12	38	32	---	---	---	---	---
2	86	55	60	47	58	57	70	65	---	---	---	---
3	>90	>72	59	>72	61	>72	65	>72	>72	---	---	---
4	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	---	---
5	---	---	>72	>72	>72	>72	>72	>72	>72	>72	>72	---
6	---	---	---	>72	>72	>72	>72	>72	>72	>72	>72	>72
7	---	---	---	---	>72	>72	>72	>72	>72	>72	>72	>72
8	---	---	---	---	---	>72	>72	>72	>72	>72	>72	>72
9	---	---	---	---	---	---	>72	>72	>72	>72	>72	>72
10	---	---	---	---	---	---	---	>72	>72	>72	>72	>72
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

Test conditions:

RF IN: 4850 MHz; -12.00 dBm.

LO IN: 4880 MHz; +10.00 dBm

IF OUT: 30 MHz; -17.93 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+4	12	34	31	---	---	---	---	---	---
1	-	27	+0	50	13	39	32	---	---	---	---	---
2	66	50	50	34	49	40	58	52	---	---	---	---
3	>90	48	39	65	38	65	42	62	58	---	---	---
4	>90	72	63	56	71	50	72	61	75	>82	---	---
5	---	---	>82	72	59	80	58	>82	76	>82	>82	---
6	---	---	---	>82	>82	73	>82	68	>82	70	>82	>82
7	---	---	---	---	>82	>82	75	>82	71	>82	76	>82
8	---	---	---	---	---	>82	>82	79	>82	77	>82	>82
9	---	---	---	---	---	---	>82	>82	>82	>82	>82	>82
10	---	---	---	---	---	---	---	>82	>82	>82	>82	>82
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 4850 MHz; -2.00 dBm.

LO IN: 4880 MHz; +10.00 dBm

IF OUT: 30 MHz; -8.08 dBm

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

2. + entry denotes harmonics are in (dBc) above IF OUTPUT.

3. RF Cal represent the Harmonics level of the RF input signal to the mixer.