

Frequency Mixer

SIM-14LH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+5dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+7	+10	+13			+7	+10	+13			+7	+10	+13
2800.1	2830.1	25.64	18.12	11.68	2800.1	2830.1	-8.48	-4.67	1.73	2800.1	2830.1	-8.55	-4.27	0.13
3055.1	3085.1	21.81	13.12	8.36	3055.1	3085.1	-6.92	-0.55	9.99	3055.1	3085.1	-7.90	-1.49	1.64
3310.1	3340.1	13.07	8.17	6.44	3310.1	3340.1	-0.78	9.28	14.78	3310.1	3340.1	-1.71	1.75	2.12
3565.1	3595.1	8.67	6.94	6.24	3565.1	3595.1	5.47	10.53	17.74	3565.1	3595.1	1.66	1.84	1.53
3820.1	3850.1	7.13	6.63	6.31	3820.1	3850.1	9.91	13.39	18.88	3820.1	3850.1	1.71	1.18	0.89
4075.1	4105.1	6.87	6.58	6.41	4075.1	4105.1	11.55	14.36	17.25	4075.1	4105.1	1.40	0.91	0.68
4330.1	4360.1	7.18	6.87	6.67	4330.1	4360.1	12.81	13.16	13.66	4330.1	4360.1	0.88	0.64	0.52
4585.1	4615.1	6.96	6.78	6.73	4585.1	4615.1	12.59	14.96	17.72	4585.1	4615.1	0.72	0.41	0.24
4840.1	4870.1	6.69	6.49	6.42	4840.1	4870.1	17.62	21.06	23.47	4840.1	4870.1	0.58	0.34	0.23
5095.1	5125.1	7.13	6.80	6.63	5095.1	5125.1	20.37	21.93	23.38	5095.1	5125.1	0.73	0.51	0.37
5350.1	5380.1	8.01	7.45	7.17	5350.1	5380.1	23.86	19.66	19.79	5350.1	5380.1	0.47	0.39	0.33
5605.1	5635.1	8.29	7.83	7.55	5605.1	5635.1	19.94	19.79	18.39	5605.1	5635.1	0.34	0.25	0.24
5860.1	5890.1	8.18	7.91	7.72	5860.1	5890.1	17.55	19.35	18.78	5860.1	5890.1	0.39	0.31	0.28
6115.1	6145.1	7.62	7.27	7.11	6115.1	6145.1	15.55	19.10	20.17	6115.1	6145.1	0.56	0.48	0.43
6370.1	6400.1	7.28	6.84	6.67	6370.1	6400.1	13.20	15.48	17.59	6370.1	6400.1	0.67	0.59	0.57
6625.1	6655.1	7.08	6.52	6.26	6625.1	6655.1	13.07	12.80	14.53	6625.1	6655.1	0.84	0.76	0.69
6880.1	6910.1	6.78	6.25	5.96	6880.1	6910.1	11.69	11.69	12.90	6880.1	6910.1	1.07	0.89	0.80
7135.1	7165.1	6.80	6.17	5.87	7135.1	7165.1	10.03	10.86	12.11	7135.1	7165.1	1.05	0.80	0.71
7390.1	7420.1	6.53	6.10	5.93	7390.1	7420.1	9.78	11.68	13.29	7390.1	7420.1	1.35	0.94	0.77
7645.1	7675.1	6.58	6.16	6.06	7645.1	7675.1	11.84	11.85	13.33	7645.1	7675.1	1.16	0.83	0.63
7900.1	7930.1	6.73	6.26	6.05	7900.1	7930.1	12.14	12.40	12.87	7900.1	7930.1	1.21	0.86	0.71
8180.6	8210.6	6.51	6.17	6.07	8180.6	8210.6	13.69	14.07	13.48	8180.6	8210.6	1.09	0.83	0.70
8435.6	8465.6	6.48	6.12	6.05	8435.6	8465.6	15.51	14.94	14.47	8435.6	8465.6	0.97	0.69	0.60
8716.1	8746.1	6.54	6.19	6.16	8716.1	8746.1	18.53	13.88	14.33	8716.1	8746.1	0.75	0.50	0.46
8971.1	9001.1	7.07	6.68	6.54	8971.1	9001.1	20.19	20.44	15.31	8971.1	9001.1	0.50	0.51	0.59
9251.6	9281.6	7.65	7.40	7.30	9251.6	9281.6	16.22	16.82	21.06	9251.6	9281.6	0.37	0.36	0.46
9506.6	9536.6	8.04	7.78	7.71	9506.6	9536.6	18.05	17.57	21.17	9506.6	9536.6	0.45	0.43	0.52
9787.1	9817.1	8.41	8.14	8.07	9787.1	9817.1	18.74	19.03	21.66	9787.1	9817.1	0.38	0.39	0.46
10042.1	10072.1	8.38	8.11	8.02	10042.1	10072.1	19.59	19.76	22.22	10042.1	10072.1	0.33	0.33	0.36
10322.6	10352.6	8.52	8.22	8.12	10322.6	10352.6	18.20	21.43	22.08	10322.6	10352.6	0.26	0.27	0.30
10577.6	10607.6	8.64	8.35	8.24	10577.6	10607.6	17.49	21.46	22.18	10577.6	10607.6	0.22	0.24	0.29
10858.1	10888.1	8.82	8.49	8.37	10858.1	10888.1	16.72	21.47	23.13	10858.1	10888.1	0.17	0.18	0.23
11113.1	11143.1	9.43	8.94	8.79	11113.1	11143.1	16.43	21.30	22.91	11113.1	11143.1	0.13	0.16	0.20
11393.6	11423.6	10.10	9.45	9.25	11393.6	11423.6	15.43	19.74	22.98	11393.6	11423.6	0.07	0.10	0.14
11648.6	11678.6	11.37	10.02	9.79	11648.6	11678.6	17.82	19.38	21.72	11648.6	11678.6	0.06	0.08	0.12
11929.1	11959.1	12.61	9.82	9.42	11929.1	11959.1	14.70	16.33	19.56	11929.1	11959.1	-0.59	0.03	0.13
12184.1	12214.1	12.34	9.79	9.42	12184.1	12214.1	16.89	16.54	19.25	12184.1	12214.1	-0.53	0.02	0.13
12464.6	12494.6	16.89	10.46	9.80	12464.6	12494.6	4.90	17.73	19.81	12464.6	12494.6	-3.59	-0.02	0.10
12719.6	12749.6	24.94	12.12	10.84	12719.6	12749.6	-0.01	23.51	19.99	12719.6	12749.6	-8.34	-0.08	0.04
13000.1	13030.1	24.72	12.51	11.00	13000.1	13030.1	0.37	23.74	20.54	13000.1	13030.1	-7.31	-0.09	0.06

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=6850MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3690MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=10010.09MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
3849.9	3000.1	20.80	10.1	3700.1	6.71	4510.0	5500.1	11.18
3656.9	3193.1	15.20	130.1	3820.1	6.24	4390.0	5620.1	10.62
3464.0	3386.0	11.63	250.1	3940.1	6.09	4270.0	5740.1	10.31
3271.0	3579.0	10.02	370.1	4060.1	5.96	4150.0	5860.1	9.68
3078.1	3771.9	9.49	490.1	4180.1	5.83	4030.0	5980.1	9.48
2885.1	3964.9	9.67	610.1	4300.1	5.92	3910.0	6100.1	9.38
2692.1	4157.9	9.41	730.1	4420.1	5.87	3790.0	6220.1	9.27
2499.2	4350.8	9.07	850.1	4540.1	5.84	3670.0	6340.1	9.50
2306.2	4543.8	8.76	970.1	4660.1	5.84	3550.0	6460.1	9.34
2113.3	4736.7	8.77	1090.1	4780.1	5.89	3430.0	6580.1	9.59
1920.3	4929.7	8.58	1210.1	4900.1	6.07	3310.0	6700.1	9.78
1727.3	5122.7	8.09	1330.1	5020.1	6.37	3190.0	6820.1	9.93
1534.4	5315.6	7.83	1450.1	5140.1	6.94	3070.0	6940.1	10.38
1341.4	5508.6	7.36	1570.1	5260.1	7.46	2950.0	7060.1	10.35
1148.5	5701.5	6.63	1690.1	5380.1	7.83	2830.0	7180.1	10.60
955.5	5894.5	6.03	1810.1	5500.1	7.86	2710.0	7300.1	10.75
762.5	6087.5	5.78	1930.1	5620.1	7.97	2590.0	7420.1	10.60
569.6	6280.4	5.77	2050.1	5740.1	8.15	2470.0	7540.1	10.48
376.6	6473.4	5.78	2170.1	5860.1	8.09	2350.0	7660.1	10.22
183.7	6666.3	5.98	2290.1	5980.1	8.01	2230.0	7780.1	9.79
10.0	6860.0	6.56	2410.1	6100.1	8.28	2110.0	7900.1	9.57
259.7	7109.7	6.54	2530.1	6220.1	8.45	1990.0	8020.1	9.42
486.7	7336.7	6.69	2650.1	6340.1	8.29	1870.0	8140.1	9.36
736.4	7586.4	6.65	2770.1	6460.1	8.28	1770.0	8240.1	9.30
963.4	7813.4	7.11	2890.1	6580.1	8.30	1650.0	8360.1	9.20
1213.1	8063.1	7.21	3010.1	6700.1	8.54	1550.0	8460.1	9.33
1440.1	8290.1	7.11	3130.1	6820.1	8.77	1430.0	8580.1	9.27
1689.8	8539.8	6.95	3250.1	6940.1	8.65	1330.0	8680.1	9.13
1916.8	8766.8	6.81	3370.1	7060.1	8.68	1210.0	8800.1	9.03
2166.5	9016.5	7.16	3490.1	7180.1	8.56	1110.0	8900.1	9.10
2393.6	9243.6	7.25	3610.1	7300.1	8.47	990.0	9020.1	9.20
2643.3	9493.3	7.27	3730.1	7420.1	7.98	890.0	9120.1	9.12
2870.3	9720.3	7.29	3850.1	7540.1	7.68	770.0	9240.1	9.08
3120.0	9970.0	7.64	3970.1	7660.1	7.74	670.0	9340.1	8.91
3347.0	10197.0	7.84	4090.1	7780.1	7.89	550.0	9460.1	8.74
3596.7	10446.7	8.86	4210.1	7900.1	7.95	450.0	9560.1	8.60
3823.7	10673.7	9.55	4330.1	8020.1	8.30	330.0	9680.1	8.39
4073.4	10923.4	9.91	4450.1	8140.1	8.83	230.0	9780.1	8.33
4300.4	11150.4	9.58	4570.1	8260.1	9.52	110.0	9900.1	8.24
4550.1	11400.1	10.42	4710.1	8400.1	10.67	10.0	10000.1	8.43

Frequency Mixer

SIM-14LH+

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)			RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)					@LO (dBm)		
	+7	+10	+13	+7	+10	+13			+7	+10	+13
2830.1	40.53	40.48	41.54	21.22	21.11	21.34	2800.1	2830.1	15.27	15.22	15.18
3085.1	38.90	39.04	38.54	19.80	19.78	20.57	3055.1	3085.1	15.97	17.32	15.54
3340.1	39.49	41.34	37.87	18.71	19.26	20.86	3310.1	3340.1	16.73	16.86	14.97
3595.1	41.95	42.56	39.30	17.28	18.58	20.29	3565.1	3595.1	18.08	17.77	17.56
3850.1	43.39	41.00	39.36	17.29	18.91	20.06	3820.1	3850.1	20.05	20.37	20.60
4105.1	40.00	38.89	38.49	18.32	19.16	19.72	4075.1	4105.1	21.21	21.26	20.86
4360.1	38.02	37.72	37.78	17.47	17.66	17.63	4330.1	4360.1	18.97	18.80	18.46
4615.1	37.46	37.14	36.69	16.41	16.08	15.71	4585.1	4615.1	18.01	17.80	17.55
4870.1	38.95	38.63	37.98	16.73	15.64	14.51	4840.1	4870.1	18.21	18.01	17.78
5125.1	42.19	42.30	41.67	16.39	14.86	13.69	5095.1	5125.1	20.71	20.43	20.16
5380.1	37.75	39.60	40.92	15.93	14.92	13.88	5350.1	5380.1	26.39	25.77	25.23
5635.1	35.97	37.63	39.45	15.21	14.74	14.19	5605.1	5635.1	27.06	26.64	26.13
5890.1	37.41	38.45	39.34	14.14	14.37	14.25	5860.1	5890.1	25.56	25.19	24.78
6145.1	36.66	38.47	40.03	13.78	14.66	14.98	6115.1	6145.1	24.94	24.47	24.13
6400.1	34.72	36.22	37.87	13.76	14.87	15.80	6370.1	6400.1	25.35	24.73	24.41
6655.1	32.89	34.51	36.09	13.97	15.33	16.66	6625.1	6655.1	26.81	26.34	25.94
6910.1	30.97	32.84	34.59	14.13	15.82	17.41	6880.1	6910.1	29.35	28.98	28.67
7165.1	28.91	30.98	33.01	13.72	15.53	17.16	7135.1	7165.1	34.72	35.14	35.30
7420.1	30.56	33.55	36.14	12.75	14.38	15.93	7390.1	7420.1	30.29	29.90	29.70
7675.1	34.03	35.37	34.43	13.34	14.70	15.14	7645.1	7675.1	25.49	24.88	24.44
7930.1	32.64	33.19	32.45	13.44	13.96	13.39	7900.1	7930.1	21.24	20.85	20.58
8210.6	30.06	29.01	28.29	14.95	14.20	13.23	8180.6	8210.6	16.95	16.61	16.42
8465.6	31.55	28.75	27.37	17.45	15.40	14.39	8435.6	8465.6	15.28	14.81	14.62
8746.1	37.34	36.95	34.42	20.11	18.80	18.03	8716.1	8746.1	17.93	16.99	16.53
9001.1	36.17	38.90	43.61	22.51	21.68	21.47	8971.1	9001.1	23.69	22.58	21.46
9281.6	35.53	36.73	39.34	26.93	26.76	26.00	9251.6	9281.6	27.11	25.41	23.65
9536.6	35.73	36.27	37.20	26.36	26.28	25.04	9506.6	9536.6	37.22	33.99	30.62
9817.1	34.94	35.06	35.30	23.36	23.12	22.37	9787.1	9817.1	37.12	39.26	43.00
10072.1	33.96	34.04	33.95	21.68	21.89	21.42	10042.1	10072.1	32.52	33.02	34.14
10352.6	33.63	33.40	33.56	22.01	22.34	22.39	10322.6	10352.6	28.97	29.40	30.40
10607.6	34.83	34.58	34.34	21.95	22.78	22.84	10577.6	10607.6	25.00	25.31	26.08
10888.1	37.28	37.23	36.82	23.39	24.09	24.09	10858.1	10888.1	25.99	26.09	26.54
11143.1	41.85	42.54	42.98	26.19	26.63	26.52	11113.1	11143.1	27.67	27.96	28.23
11423.6	46.79	50.35	49.01	27.47	28.00	27.70	11393.6	11423.6	27.93	28.22	28.51
11678.6	44.84	54.56	55.40	28.66	29.20	29.46	11648.6	11678.6	26.63	26.82	26.91
11959.1	39.89	45.08	61.14	28.55	29.59	29.77	11929.1	11959.1	23.59	24.03	24.01
12214.1	36.90	41.12	48.69	31.67	32.54	32.56	12184.1	12214.1	22.67	23.05	22.96
12494.6	35.68	38.25	42.36	35.33	36.19	36.09	12464.6	12494.6	19.55	20.57	20.53
12749.6	35.86	37.74	41.23	38.63	41.63	45.95	12719.6	12749.6	19.00	20.13	20.24
13030.1	36.79	38.58	40.39	37.11	40.64	59.31	13000.1	13030.1	17.67	18.55	18.90

Frequency Mixer

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Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=10000MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
2800.1	2830.1	5.83	4.24	2.66	2830.1	34.07	33.42	31.60	10.0	1.11	1.02	1.13
3055.1	3085.1	5.07	3.18	1.94	3085.1	25.19	24.14	19.32	129.7	1.16	1.09	1.16
3310.1	3340.1	3.53	2.27	1.93	3340.1	20.45	15.81	12.35	249.5	1.25	1.18	1.21
3565.1	3595.1	2.72	2.41	2.28	3595.1	11.61	8.43	8.16	369.2	1.39	1.30	1.29
3820.1	3850.1	2.75	2.65	2.59	3850.1	5.39	5.85	6.81	488.9	1.57	1.47	1.42
4075.1	4105.1	3.02	2.90	2.83	4105.1	3.68	4.54	5.47	608.7	1.76	1.64	1.57
4330.1	4360.1	3.33	3.18	3.05	4360.1	2.82	3.65	4.52	728.4	1.89	1.75	1.67
4585.1	4615.1	3.05	2.89	2.78	4615.1	2.07	2.73	3.47	848.1	2.08	1.92	1.80
4840.1	4870.1	3.10	2.87	2.71	4870.1	1.62	1.96	2.41	967.9	2.32	2.12	1.98
5095.1	5125.1	3.70	3.42	3.19	5125.1	1.34	1.41	1.76	1087.6	2.49	2.29	2.13
5350.1	5380.1	5.41	4.95	4.63	5380.1	1.11	1.28	1.68	1207.3	2.62	2.40	2.22
5605.1	5635.1	5.66	5.36	5.03	5635.1	1.14	1.57	2.05	1327.1	2.79	2.54	2.34
5860.1	5890.1	4.80	4.56	4.36	5890.1	1.40	1.92	2.48	1446.8	2.86	2.60	2.38
6115.1	6145.1	4.39	4.09	3.89	6145.1	1.63	2.15	2.72	1566.5	2.81	2.55	2.33
6370.1	6400.1	4.01	3.62	3.42	6400.1	1.96	2.43	3.02	1686.3	2.81	2.54	2.30
6625.1	6655.1	3.57	3.12	2.83	6655.1	2.23	2.66	3.16	1806.0	2.78	2.50	2.26
6880.1	6910.1	3.02	2.66	2.37	6910.1	2.47	2.86	3.43	1925.7	2.85	2.54	2.28
7135.1	7165.1	2.36	1.99	1.76	7165.1	2.71	2.92	3.37	2045.5	2.82	2.51	2.24
7390.1	7420.1	1.87	1.60	1.46	7420.1	3.10	3.03	3.37	2165.2	2.81	2.49	2.22
7645.1	7675.1	1.63	1.40	1.24	7675.1	3.62	3.26	3.28	2284.9	2.73	2.41	2.14
7900.1	7930.1	1.51	1.34	1.23	7930.1	3.48	2.89	2.65	2404.7	2.70	2.39	2.13
8180.6	8210.6	1.46	1.42	1.45	8210.6	2.92	2.31	2.14	2524.4	2.62	2.33	2.09
8435.6	8465.6	1.69	1.65	1.66	8465.6	2.51	1.92	1.77	2644.1	2.47	2.20	1.99
8716.1	8746.1	1.99	1.93	1.96	8746.1	2.24	1.72	1.60	2743.9	2.34	2.09	1.90
8971.1	9001.1	2.60	2.53	2.50	9001.1	1.90	1.56	1.55	2863.6	2.24	2.01	1.83
9251.6	9281.6	3.17	3.15	3.12	9281.6	1.62	1.38	1.49	2963.4	2.15	1.93	1.78
9506.6	9536.6	3.52	3.44	3.33	9536.6	1.39	1.33	1.62	3083.2	2.07	1.88	1.77
9787.1	9817.1	3.88	3.76	3.66	9817.1	1.44	1.58	1.93	3182.9	2.01	1.85	1.77
10042.1	10072.1	4.45	4.30	4.20	10072.1	1.80	1.92	2.28	3302.7	2.06	1.95	1.90
10322.6	10352.6	5.25	5.14	5.03	10352.6	2.34	2.26	2.53	3402.4	2.09	2.01	1.99
10577.6	10607.6	4.82	4.61	4.43	10607.6	2.76	2.49	2.67	3522.2	2.24	2.19	2.18
10858.1	10888.1	4.91	4.63	4.46	10888.1	2.86	2.45	2.51	3622.0	2.33	2.31	2.32
11113.1	11143.1	5.10	4.80	4.59	11143.1	3.26	2.69	2.67	3741.7	2.57	2.58	2.61
11393.6	11423.6	7.34	6.86	6.51	11423.6	4.09	3.09	2.86	3841.5	2.75	2.77	2.81
11648.6	11678.6	5.30	4.75	4.53	11678.6	6.19	4.10	3.49	3961.2	3.03	3.09	3.15
11929.1	11959.1	5.83	4.82	4.46	11959.1	8.43	5.14	3.83	4061.0	3.25	3.31	3.40
12184.1	12214.1	6.73	5.77	5.41	12214.1	9.08	5.56	3.98	4180.7	3.54	3.65	3.78
12464.6	12494.6	9.53	7.05	6.37	12494.6	7.22	5.27	3.63	4280.5	3.75	3.89	4.03
12719.6	12749.6	9.74	7.17	6.26	12749.6	5.25	4.47	3.17	4400.2	3.94	4.12	4.31
13000.1	13030.1	5.97	4.75	4.20	13030.1	4.60	3.90	2.76	4500.0	4.09	4.32	4.55

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	34	6	---	---	---	---	---	---	---
1	-	22	+0	42	26	37	---	---	---	---	---	---
2	78	58	48	56	47	66	46	---	---	---	---	---
3	>90	69	68	>74	56	>74	69	>74	---	---	---	---
4	---	---	>74	>74	>74	>74	>74	>74	>74	---	---	---
5	---	---	---	>74	>74	>74	>74	>74	>74	>74	---	---
6	---	---	---	---	>74	>74	>74	>74	>74	>74	>74	---
7	---	---	---	---	---	>74	>74	>74	>74	>74	>74	>74
8	---	---	---	---	---	---	>74	>74	>74	>74	>74	>74
9	---	---	---	---	---	---	---	>74	>74	>74	>74	>74
10	---	---	---	---	---	---	---	---	>74	>74	>74	>74
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 6850 MHz; -10.00 dBm.
 LO IN: 6880 MHz; +10.00 dBm
 IF OUT: 30 MHz; -16.45 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	43	17	---	---	---	---	---	---	---
1	-	22	+0	45	25	42	---	---	---	---	---	---
2	58	48	38	43	39	61	40	---	---	---	---	---
3	86	49	46	59	34	62	55	60	---	---	---	---
4	---	---	73	71	61	61	58	71	62	---	---	---
5	---	---	---	76	68	80	52	>83	63	71	---	---
6	---	---	---	---	>83	81	80	71	71	79	64	---
7	---	---	---	---	---	>83	82	>83	66	>83	77	74
8	---	---	---	---	---	---	>83	>83	>83	80	82	>83
9	---	---	---	---	---	---	---	>83	>83	>83	78	>83
10	---	---	---	---	---	---	---	---	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 6850 MHz; 0.00 dBm.
 LO IN: 6880 MHz; +10.00 dBm
 IF OUT: 30 MHz; -6.68 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.