Frequency Mixer SIM-ED12399/9

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB) @LO (dBm)		
		+10	+13	+16
1500.1	1530.1	14.68	12.30	13.20
1680.1	1710.1	16.95	9.36	6.88
1860.1	1890.1	10.40	7.15	6.30
2040.1	2070.1	7.19	6.45	6.06
2220.1	2250.1	6.48	6.17	5.97
2400.1	2430.1	6.47	6.23	6.06
2580.1	2610.1	6.62	6.32	6.18
2760.1	2790.1	6.80	6.52	6.29
2920.1	2950.1	6.67	6.43	6.30
3100.1	3130.1	6.46	6.25	6.09
3260.1	3290.1	6.35	6.13	6.02
3440.1	3470.1	6.46	6.23	6.14
3600.1	3630.1	6.45	6.32	6.26
3780.1	3810.1	6.43	6.35	6.31
3940.1	3970.1	6.50	6.34	6.29
4120.1	4150.1	6.91	6.52	6.37
4280.1	4310.1	7.51	6.97	6.69
4460.1	4490.1	7.35	6.84	6.53
4620.1	4650.1	7.46	6.78	6.49
4800.1	4830.1	8.02	7.24	6.78
4960.1	4990.1	7.99	7.20	6.83
5140.1	5170.1	7.97	7.03	6.65
5300.1	5330.1	8.08	7.05	6.56
5480.1	5510.1	8.13	7.06	6.68
5640.1	5670.1	8.16	7.23	6.92
5820.1	5850.1	8.37	7.18	6.93
5980.1	6010.1	8.58	7.01	6.78
6160.1	6190.1	8.02	7.13	6.93
6320.1	6350.1	7.51	7.02	6.90
6500.1	6530.1	7.35	6.97	6.88
6660.1	6690.1	7.44	7.01	6.93
6840.1	6870.1	7.74	7.17	7.13
7000.1	7030.1	9.40	7.92	7.73
7180.1	7210.1	11.15	8.44	8.07
7340.1	7370.1	14.30	8.74	8.03
7520.1	7550.1	18.98	9.85	8.67
7680.1	7710.1	19.68	9.99	8.80
7860.1	7890.1	25.82	11.33	9.52
8020.1	8050.1	36.39	14.16	10.19
8200.1	8230.1	46.67	19.52	11.24

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm) @LO (dBm)		
		+10	+13	+16
1500.1	1530.1	3.66	3.33	15.18
1680.1	1710.1	-0.19	6.82	15.68
1860.1	1890.1	6.27	18.80	16.04
2040.1	2070.1	20.69	17.00	17.60
2220.1	2250.1	19.66	19.86	19.17
2400.1	2430.1	22.24	19.46	19.19
2580.1	2610.1	25.70	20.40	20.21
2760.1	2790.1	22.88	21.92	19.15
2920.1	2950.1	22.83	22.77	23.18
3100.1	3130.1	22.88	22.73	22.92
3260.1	3290.1	20.64	21.74	21.98
3440.1	3470.1	20.80	18.91	20.51
3600.1	3630.1	18.99	20.20	23.95
3780.1	3810.1	19.95	24.60	24.39
3940.1	3970.1	15.89	21.12	25.40
4120.1	4150.1	20.64	18.01	19.51
4280.1	4310.1	25.35	20.29	22.71
4460.1	4490.1	22.86	19.61	19.87
4620.1	4650.1	25.37	20.97	20.09
4800.1	4830.1	21.04	21.89	19.83
4960.1	4990.1	18.42	20.48	19.38
5140.1	5170.1	18.01	20.68	18.63
5300.1	5330.1	15.84	19.04	19.05
5480.1	5510.1	15.45	19.48	19.80
5640.1	5670.1	16.34	21.23	21.54
5820.1	5850.1	15.96	22.65	24.95
5980.1	6010.1	16.18	22.63	24.33
6160.1	6190.1	15.47	22.11	23.97
6320.1	6350.1	16.06	23.55	24.53
6500.1	6530.1	16.67	22.37	24.33
6660.1	6690.1	16.39	20.64	22.66
6840.1	6870.1	16.38	19.29	21.16
7000.1	7030.1	20.86	20.91	22.84
7180.1	7210.1	18.07	20.90	23.74
7340.1	7370.1	10.19	20.78	23.50
7520.1	7550.1	5.44	18.72	22.33
7680.1	7710.1	4.66	16.71	21.52
7860.1	7890.1	1.14	16.02	19.00
8020.1	8050.1	-2.49	14.72	15.66
8200.1	8230.1	-4.77	5.47	13.63

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+9dBm (dB) @LO (dBm)		
		+10	+13	+16
1500.1	1530.1	1.62	1.52	3.54
1680.1	1710.1	-2.99	1.82	2.63
1860.1	1890.1	0.77	2.76	2.49
2040.1	2070.1	2.68	2.40	2.14
2220.1	2250.1	2.15	1.84	1.65
2400.1	2430.1	1.49	1.29	1.26
2580.1	2610.1	1.15	0.97	0.95
2760.1	2790.1	0.84	0.72	0.70
2920.1	2950.1	0.83	0.73	0.68
3100.1	3130.1	0.85	0.73	0.67
3260.1	3290.1	0.94	0.78	0.70
3440.1	3470.1	0.88	0.64	0.50
3600.1	3630.1	0.68	0.39	0.32
3780.1	3810.1	0.65	0.35	0.32
3940.1	3970.1	0.77	0.40	0.32
4120.1	4150.1	0.80	0.58	0.41
4280.1	4310.1	0.54	0.48	0.43
4460.1	4490.1	0.57	0.42	0.35
4620.1	4650.1	0.73	0.57	0.47
4800.1	4830.1	0.59	0.47	0.51
4960.1	4990.1	0.65	0.45	0.45
5140.1	5170.1	0.65	0.42	0.44
5300.1	5330.1	0.77	0.46	0.45
5480.1	5510.1	0.67	0.49	0.46
5640.1	5670.1	0.44	0.33	0.37
5820.1	5850.1	0.26	0.33	0.41
5980.1	6010.1	0.17	0.43	0.50
6160.1	6190.1	0.36	0.35	0.45
6320.1	6350.1	0.41	0.35	0.45
6500.1	6530.1	0.43	0.36	0.49
6660.1	6690.1	0.48	0.41	0.58
6840.1	6870.1	0.33	0.31	0.52
7000.1	7030.1	-0.05	0.20	0.32
7180.1	7210.1	-0.78	0.16	0.32
7340.1	7370.1	-2.92	0.06	0.30
7520.1	7550.1	-6.23	-0.27	0.26
7680.1	7710.1	-6.74	-0.23	0.37
7860.1	7890.1	-11.29	-0.23	0.21
8020.1	8050.1	-19.54	-1.11	0.32
8200.1	8230.1	-27.53	-4.68	0.86

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4750.1001MHz (dB) @LO (dBm) +13
3110.0	1640.1	11.70
2954.0	1796.1	10.18
2798.1	1952.0	8.21
2642.1	2108.0	7.43
2486.1	2264.0	6.62
2330.1	2420.0	5.96
2174.2	2575.9	6.29
2018.2	2731.9	6.78
1862.2	2887.9	7.74
1706.2	3043.9	9.01
1550.3	3199.8	8.99
1394.3	3355.8	8.72
1238.3	3511.8	8.12
1082.3	3667.8	8.02
926.4	3823.7	7.78
770.4	3979.7	7.16
614.4	4135.7	6.86
458.4	4291.7	6.56
302.5	4447.6	6.61
146.5	4603.6	7.00
10.0	4760.1	7.60
174.0	4924.1	7.39
338.1	5088.2	7.43
502.1	5252.2	7.56
666.1	5416.2	7.76
830.1	5580.2	7.94
994.2	5744.3	8.03
1178.7	5928.8	8.05
1342.7	6092.8	8.14
1527.2	6277.3	8.15
1691.3	6441.4	8.13
1875.8	6625.9	7.93
2039.8	6789.9	8.06
2224.3	6974.4	8.10
2388.4	7138.5	8.07
2572.9	7323.0	8.15
2736.9	7487.0	8.50
2921.4	7671.5	9.90
3085.5	7835.6	12.03
3270.0	8020.1	14.51

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2290.1001MHz (dB) @LO (dBm) +13
10.0	2300.1	6.66
110.0	2400.1	6.19
210.0	2500.1	6.08
310.0	2600.1	5.98
410.0	2700.1	5.98
510.0	2800.1	6.07
610.0	2900.1	6.14
710.0	3000.1	6.31
810.0	3100.1	6.45
910.0	3200.1	6.65
1010.0	3300.1	7.07
1110.0	3400.1	7.28
1210.0	3500.1	7.16
1310.0	3600.1	6.99
1410.0	3700.1	7.06
1510.0	3800.1	7.04
1610.0	3900.1	6.86
1710.0	4000.1	6.82
1810.0	4100.1	6.80
1910.0	4200.1	6.84
1990.0	4280.1	6.84
2090.0	4380.1	6.87
2170.0	4460.1	6.90
2270.0	4560.1	6.77
2350.0	4640.1	6.61
2450.0	4740.1	6.46
2530.0	4820.1	6.42
2630.0	4920.1	6.28
2710.0	5000.1	6.29
2810.0	5100.1	6.17
2890.0	5180.1	6.18
2990.0	5280.1	6.15
3070.0	5360.1	6.38
3170.0	5460.1	6.80
3250.0	5540.1	7.34
3350.0	5640.1	7.96
3430.0	5720.1	8.36
3530.0	5820.1	9.09
3610.0	5900.1	9.88
3710.0	6000.1	10.85

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=7210.1001MHz (dB) @LO (dBm) +13
1810.0	5400.1	11.14
1769.6	5440.5	11.36
1729.1	5481.0	11.00
1688.7	5521.4	11.06
1648.2	5561.9	10.71
1607.8	5602.3	10.63
1567.3	5642.8	10.62
1526.9	5683.2	10.34
1486.4	5723.7	10.29
1446.0	5764.1	10.03
1405.5	5804.6	9.89
1365.1	5845.0	9.82
1324.6	5885.5	9.74
1284.2	5925.9	9.67
1243.7	5966.4	9.57
1203.3	6006.8	9.45
1162.8	6047.3	9.30
1122.4	6087.7	9.34
1081.9	6128.2	9.16
1021.2	6188.9	9.18
980.8	6229.3	9.00
920.1	6290.0	8.99
879.7	6330.4	8.78
819.0	6391.1	8.78
778.5	6431.6	8.61
717.9	6492.2	8.57
677.4	6532.7	8.45
616.7	6593.4	8.39
576.3	6633.8	8.33
515.6	6694.5	8.32
475.2	6734.9	8.27
414.5	6795.6	8.27
374.0	6836.1	8.20
313.4	6896.7	8.24
272.9	6937.2	8.16
212.2	6997.9	8.18
171.8	7038.3	8.10
111.1	7099.0	8.15
70.7	7139.4	8.15
10.0	7200.1	8.71

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB) @LO (dBm)			LO-IF ISOLATION (dB) @LO (dBm)		
	+10	+13	+16	+10	+13	+16
1530.1	39.83	38.54	29.62	21.00	21.04	23.15
1710.1	35.16	35.97	32.68	19.01	19.28	21.05
1890.1	33.27	33.18	33.41	17.07	18.99	21.47
2070.1	32.93	33.83	34.50	17.55	20.27	22.77
2250.1	33.64	34.39	34.66	19.48	22.54	25.36
2430.1	33.59	34.64	34.64	22.22	25.44	27.62
2610.1	32.58	32.86	32.94	24.84	26.72	26.89
2790.1	31.50	31.46	30.70	26.03	25.64	24.18
2950.1	30.24	29.95	29.48	26.39	25.00	23.77
3130.1	29.87	29.41	28.77	26.52	24.98	23.37
3290.1	30.14	29.42	28.92	23.96	22.60	21.66
3470.1	29.79	29.16	28.60	22.45	21.32	20.60
3630.1	29.63	28.88	28.56	21.86	20.89	20.39
3810.1	29.74	28.94	28.61	21.70	21.19	20.95
3970.1	30.18	29.70	28.99	22.45	22.53	22.19
4150.1	29.57	29.23	28.60	24.31	24.81	24.90
4310.1	29.87	29.25	28.67	28.76	29.77	30.56
4490.1	29.80	29.14	28.55	32.83	31.19	29.86
4650.1	29.04	27.88	27.28	22.74	22.03	21.47
4830.1	27.83	26.65	26.09	17.43	17.23	17.00
4990.1	26.86	25.63	25.19	15.46	15.41	15.44
5170.1	26.56	25.34	24.95	14.75	14.87	15.04
5330.1	26.45	25.60	24.92	14.64	15.24	15.45
5510.1	26.16	24.99	24.33	15.46	15.94	16.32
5670.1	25.39	24.22	23.45	16.17	16.80	17.27
5850.1	24.53	23.42	22.67	17.19	18.06	18.77
6010.1	23.50	22.64	21.80	18.21	19.41	20.43
6190.1	22.37	21.87	21.04	19.73	21.42	22.87
6350.1	21.69	21.37	20.23	22.14	24.20	26.04
6530.1	21.03	21.01	20.34	25.51	28.18	31.20
6690.1	20.53	20.78	20.38	28.26	30.92	34.12
6870.1	20.29	20.90	20.68	27.89	29.05	30.44
7030.1	20.17	20.68	20.96	24.67	24.09	24.56
7210.1	20.43	21.09	21.40	21.00	20.00	20.32
7370.1	21.23	21.76	21.77	18.61	17.35	17.21
7550.1	22.33	22.72	22.94	15.98	15.04	15.00
7710.1	23.53	23.82	24.04	13.74	13.16	13.51
7890.1	24.59	24.84	24.93	11.48	11.05	11.12
8050.1	25.30	25.61	25.32	9.47	9.37	8.99
8230.1	24.50	24.42	24.70	7.34	7.17	7.39

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB) @LO (dBm)		
		+10	+13	+16
1500.1	1530.1	14.53	13.88	20.11
1680.1	1710.1	13.16	12.35	10.82
1860.1	1890.1	13.62	11.49	10.69
2040.1	2070.1	13.24	12.22	11.70
2220.1	2250.1	14.12	13.60	13.26
2400.1	2430.1	16.21	16.02	15.86
2580.1	2610.1	18.11	18.02	18.02
2760.1	2790.1	19.25	19.44	19.46
2920.1	2950.1	20.25	20.30	20.34
3100.1	3130.1	20.50	20.61	20.34
3260.1	3290.1	20.11	19.73	19.31
3440.1	3470.1	19.67	18.98	18.58
3600.1	3630.1	19.25	18.90	18.62
3780.1	3810.1	19.51	19.12	18.82
3940.1	3970.1	20.28	19.61	19.25
4120.1	4150.1	21.53	20.72	20.11
4280.1	4310.1	22.05	21.67	21.20
4460.1	4490.1	22.01	21.81	21.49
4620.1	4650.1	25.16	25.23	25.07
4800.1	4830.1	34.10	34.01	33.94
4960.1	4990.1	26.94	26.79	26.73
5140.1	5170.1	20.91	20.79	20.69
5300.1	5330.1	18.57	18.56	18.47
5480.1	5510.1	17.34	17.32	17.22
5640.1	5670.1	16.84	16.89	16.74
5820.1	5850.1	16.75	16.77	16.69
5980.1	6010.1	16.89	16.99	16.85
6160.1	6190.1	17.21	17.09	16.90
6320.1	6350.1	17.91	17.62	17.43
6500.1	6530.1	20.68	20.56	20.33
6660.1	6690.1	23.45	23.83	23.89
6840.1	6870.1	27.26	27.88	27.95
7000.1	7030.1	34.25	33.83	32.60
7180.1	7210.1	34.39	31.20	29.78
7340.1	7370.1	27.95	27.81	26.05
7520.1	7550.1	24.24	25.59	27.03
7680.1	7710.1	21.74	22.32	22.77
7860.1	7890.1	19.69	20.35	20.99
8020.1	8050.1	18.02	18.57	19.40
8200.1	8230.1	16.67	17.00	18.86

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1) @LO (dBm)		
		+10	+13	+16
1500.1	1530.1	3.79	2.53	1.12
1680.1	1710.1	4.48	2.32	1.57
1860.1	1890.1	3.30	2.17	1.89
2040.1	2070.1	2.84	2.49	2.32
2220.1	2250.1	3.03	2.84	2.73
2400.1	2430.1	3.30	3.13	3.02
2580.1	2610.1	3.43	3.22	3.13
2760.1	2790.1	3.56	3.37	3.17
2920.1	2950.1	3.56	3.36	3.22
3100.1	3130.1	3.59	3.40	3.20
3260.1	3290.1	3.56	3.31	3.15
3440.1	3470.1	3.16	2.88	2.75
3600.1	3630.1	2.89	2.75	2.63
3780.1	3810.1	2.95	2.77	2.64
3940.1	3970.1	3.13	2.84	2.69
4120.1	4150.1	3.50	3.02	2.72
4280.1	4310.1	3.86	3.40	3.09
4460.1	4490.1	3.91	3.43	3.02
4620.1	4650.1	3.77	3.22	2.86
4800.1	4830.1	4.25	3.72	3.27
4960.1	4990.1	4.11	3.59	3.20
5140.1	5170.1	3.98	3.45	3.04
5300.1	5330.1	4.26	3.68	3.32
5480.1	5510.1	4.09	3.54	3.27
5640.1	5670.1	3.71	3.24	3.04
5820.1	5850.1	4.02	3.35	3.16
5980.1	6010.1	4.31	3.41	3.19
6160.1	6190.1	3.98	3.40	3.19
6320.1	6350.1	3.78	3.37	3.17
6500.1	6530.1	3.67	3.30	3.10
6660.1	6690.1	3.95	3.50	3.31
6840.1	6870.1	4.22	3.64	3.43
7000.1	7030.1	4.68	3.80	3.55
7180.1	7210.1	5.38	4.24	3.81
7340.1	7370.1	6.39	4.61	3.97
7520.1	7550.1	7.44	5.25	4.52
7680.1	7710.1	8.35	5.77	5.00
7860.1	7890.1	8.77	6.03	5.17
8020.1	8050.1	9.13	6.58	5.31
8200.1	8230.1	9.23	7.38	5.04

LO (MHz)	LO VSWR (:1) @LO (dBm)		
	+10	+13	+16
1530.1	32.79	30.49	13.49
1710.1	25.19	18.70	10.82
1890.1	15.53	7.22	6.49
2070.1	4.72	4.33	5.06
2250.1	2.72	3.28	4.25
2430.1	1.98	2.73	3.70
2610.1	1.65	2.38	3.26
2790.1	1.50	2.17	2.96
2950.1	1.43	2.06	2.80
3130.1	1.46	2.11	2.88
3290.1	1.52	2.20	3.02
3470.1	1.54	2.22	3.05
3630.1	1.62	2.29	3.11
3810.1	2.01	2.59	3.42
3970.1	2.43	2.90	3.70
4150.1	2.93	3.26	3.87
4310.1	3.46	3.63	4.16
4490.1	4.02	4.03	4.50
4650.1	4.68	4.36	4.67
4830.1	5.36	4.54	4.59
4990.1	5.95	4.67	4.59
5170.1	6.97	5.16	4.88
5330.1	7.56	4.99	4.60
5510.1	7.60	4.84	4.31
5670.1	7.41	4.66	4.09
5850.1	6.86	4.06	3.50
6010.1	6.09	3.48	2.91
6190.1	5.07	2.95	2.48
6350.1	3.95	2.53	2.27
6530.1	3.34	2.29	2.17
6690.1	3.24	2.29	2.21
6870.1	3.62	2.57	2.41
7030.1	4.56	3.27	3.00
7210.1	5.70	4.05	3.56
7370.1	6.63	4.87	3.99
7550.1	7.56	5.91	4.64
7710.1	7.66	6.30	4.98
7890.1	7.38	6.61	5.36
8050.1	6.51	6.13	5.27
8230.1	5.30	5.13	4.78

IF (OUT) (MHz)	IF VSWR @LO=7200MHz (:1) @LO (dBm)		
	+10	+13	+16
10.0	1.72	1.14	1.38
89.8	1.73	1.19	1.45
169.5	1.84	1.26	1.46
269.3	2.00	1.35	1.51
349.0	2.21	1.46	1.55
448.8	2.45	1.59	1.61
528.5	2.72	1.72	1.67
628.2	2.96	1.89	1.79
708.0	3.21	2.01	1.86
807.7	3.47	2.15	1.97
887.5	3.59	2.21	2.00
987.2	3.97	2.37	2.11
1067.0	4.16	2.44	2.14
1166.7	4.53	2.52	2.18
1246.5	4.66	2.62	2.24
1346.2	4.68	2.57	2.17
1426.0	5.20	2.80	2.35
1525.7	5.38	2.86	2.37
1605.5	5.68	2.91	2.39
1705.2	5.63	2.88	2.36
1785.0	5.65	2.89	2.35
1884.7	5.75	2.87	2.34
1964.5	5.68	2.84	2.32
2064.2	5.42	2.77	2.29
2143.9	5.06	2.64	2.20
2243.7	4.59	2.49	2.11
2323.4	4.14	2.36	2.03
2423.2	3.61	2.21	1.96
2502.9	3.26	2.13	1.93
2602.6	2.82	2.03	1.91
2682.4	2.55	2.00	1.95
2782.1	2.19	1.97	2.01
2861.9	1.89	1.92	2.05
2961.6	1.61	2.00	2.25
3041.4	1.43	2.11	2.45
3141.1	1.37	2.31	2.77
3220.9	1.52	2.57	3.10
3320.6	1.83	2.92	3.52
3400.4	2.21	3.19	3.81
3500.1	2.88	3.66	4.29

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	+8	13	27	41	28	---	---	---	---	---
1	-	24	+0	51	16	39	53	53	---	---	---	---
2	75	58	63	58	60	60	61	76	65	---	---	---
3	>90	66	57	>77	66	>77	70	>77	>77	>77	---	---
4	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	---	---
5	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	---
6	---	---	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
7	---	---	---	>77	>77	>77	>77	>77	>77	>77	>77	>77
8	---	---	---	---	>77	>77	>77	>77	>77	>77	>77	>77
9	---	---	---	---	---	>77	>77	>77	>77	>77	>77	>77
10	---	---	---	---	---	---	>77	>77	>77	>77	>77	>77
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: **RF IN: 4750 MHz; -6.00 dBm.**
LO IN: 4780 MHz; +13.00 dBm
IF OUT: 30 MHz; -13.25 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	2	24	40	54	41	---	---	---	---	---
1	-	24	+0	54	17	42	56	54	---	---	---	---
2	55	45	52	49	51	55	52	68	59	---	---	---
3	79	45	36	61	53	68	56	59	67	72	---	---
4	>90	83	77	69	77	60	73	63	74	85	---	---
5	>90	82	84	>87	66	83	62	>87	66	85	83	---
6	---	---	>87	>87	>87	85	>87	82	>87	>87	>87	>87
7	---	---	---	>87	>87	>87	86	>87	>87	>87	>87	>87
8	---	---	---	---	>87	>87	>87	>87	>87	>87	>87	>87
9	---	---	---	---	---	>87	>87	>87	>87	>87	>87	>87
10	---	---	---	---	---	---	>87	>87	>87	>87	>87	>87
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 4750 MHz; 4.00 dBm.**
LO IN: 4780 MHz; +13.00 dBm
IF OUT: 30 MHz; -3.29 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.