

Frequency Mixer

SIM-153MH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+10	+13	+16
2500.1	2530.1	22.84	17.96	12.20
2815.1	2845.1	15.31	10.24	7.40
3130.1	3160.1	11.29	7.47	6.18
3445.1	3475.1	8.05	6.62	6.06
3760.1	3790.1	6.64	6.24	6.05
4075.1	4105.1	6.72	6.55	6.51
4390.1	4420.1	6.95	6.82	6.82
4705.1	4735.1	6.66	6.56	6.54
5020.1	5050.1	7.30	7.07	6.95
5335.1	5365.1	7.72	7.42	7.26
5650.1	5680.1	7.78	7.55	7.41
5965.1	5995.1	7.48	7.29	7.21
6280.1	6310.1	6.89	6.65	6.58
6595.1	6625.1	6.45	6.09	5.99
6910.1	6940.1	6.03	5.69	5.58
7225.1	7255.1	5.93	5.64	5.55
7540.1	7570.1	5.99	5.84	5.94
7855.1	7885.1	6.33	6.18	6.31
8170.1	8200.1	6.26	6.13	6.27
8485.1	8515.1	6.41	6.34	6.51
8800.1	8830.1	6.68	6.56	6.66
9146.6	9176.6	7.67	7.67	7.89
9461.6	9491.6	8.16	8.12	8.30
9808.1	9838.1	8.75	8.67	8.74
10123.1	10153.1	8.55	8.42	8.41
10469.6	10499.6	8.73	8.62	8.65
10784.6	10814.6	8.91	8.77	8.79
11131.1	11161.1	9.51	9.29	9.27
11446.1	11476.1	9.96	9.75	9.75
11792.6	11822.6	9.67	9.36	9.36
12107.6	12137.6	9.78	9.11	9.07
12454.1	12484.1	10.22	9.64	9.75
12769.1	12799.1	10.65	9.99	10.11
13115.6	13145.6	10.51	10.03	10.17
13430.6	13460.6	9.31	9.11	9.30
13777.1	13807.1	8.04	7.98	8.19
14092.1	14122.1	7.46	7.47	7.73
14438.6	14468.6	7.78	7.83	8.06
14753.6	14783.6	8.21	8.27	8.64
15100.1	15130.1	8.80	8.87	9.11

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+10	+13	+16
2500.1	2530.1	-0.44	1.00	5.41
2815.1	2845.1	-1.75	3.42	9.43
3130.1	3160.1	1.90	20.82	13.54
3445.1	3475.1	7.02	12.40	15.57
3760.1	3790.1	11.11	14.85	17.57
4075.1	4105.1	12.37	15.27	17.89
4390.1	4420.1	12.00	13.27	15.97
4705.1	4735.1	20.55	22.92	23.19
5020.1	5050.1	20.37	21.09	21.71
5335.1	5365.1	19.24	17.46	17.23
5650.1	5680.1	20.00	19.97	18.34
5965.1	5995.1	17.10	19.11	18.55
6280.1	6310.1	13.04	15.32	16.14
6595.1	6625.1	11.21	12.17	13.62
6910.1	6940.1	9.65	10.63	12.18
7225.1	7255.1	9.50	10.83	12.11
7540.1	7570.1	11.00	11.99	13.06
7855.1	7885.1	12.46	12.69	13.74
8170.1	8200.1	14.35	14.03	14.18
8485.1	8515.1	14.95	14.29	15.68
8800.1	8830.1	19.00	16.82	15.52
9146.6	9176.6	17.11	20.25	14.82
9461.6	9491.6	18.19	19.94	14.95
9808.1	9838.1	19.77	21.21	18.27
10123.1	10153.1	20.44	21.04	20.50
10469.6	10499.6	21.91	22.15	21.27
10784.6	10814.6	20.34	22.27	21.73
11131.1	11161.1	19.51	22.42	22.19
11446.1	11476.1	18.74	22.08	22.16
11792.6	11822.6	17.05	20.60	20.62
12107.6	12137.6	16.63	18.83	19.65
12454.1	12484.1	18.24	19.55	18.28
12769.1	12799.1	20.40	19.71	15.94
13115.6	13145.6	20.75	19.97	13.53
13430.6	13460.6	18.97	18.09	12.39
13777.1	13807.1	15.79	14.96	11.73
14092.1	14122.1	14.39	14.20	11.16
14438.6	14468.6	15.47	15.72	13.31
14753.6	14783.6	16.74	17.28	12.83
15100.1	15130.1	16.65	17.56	14.11

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+7dBm (dB)		
		@LO (dBm)		
		+10	+13	+16
2500.1	2530.1	-3.10	-1.21	1.90
2815.1	2845.1	0.07	2.41	3.61
3130.1	3160.1	1.16	3.29	3.30
3445.1	3475.1	3.04	3.02	2.63
3760.1	3790.1	2.57	2.08	1.74
4075.1	4105.1	1.84	1.43	1.16
4390.1	4420.1	1.39	1.03	0.77
4705.1	4735.1	1.11	0.86	0.68
5020.1	5050.1	1.41	1.16	0.93
5335.1	5365.1	1.24	1.08	0.93
5650.1	5680.1	1.05	0.91	0.81
5965.1	5995.1	1.04	0.98	0.92
6280.1	6310.1	1.45	1.35	1.28
6595.1	6625.1	1.82	1.67	1.55
6910.1	6940.1	2.15	1.92	1.74
7225.1	7255.1	2.24	1.95	1.70
7540.1	7570.1	2.07	1.64	1.41
7855.1	7885.1	1.87	1.47	1.24
8170.1	8200.1	1.79	1.48	1.33
8485.1	8515.1	1.42	1.27	1.34
8800.1	8830.1	1.44	1.41	1.62
9146.6	9176.6	1.00	1.14	1.48
9461.6	9491.6	0.89	0.91	1.05
9808.1	9838.1	0.67	0.69	0.78
10123.1	10153.1	0.68	0.70	0.81
10469.6	10499.6	0.48	0.58	0.74
10784.6	10814.6	0.39	0.48	0.62
11131.1	11161.1	0.26	0.38	0.51
11446.1	11476.1	0.18	0.31	0.49
11792.6	11822.6	0.16	0.35	0.67
12107.6	12137.6	0.23	0.41	0.77
12454.1	12484.1	0.15	0.40	0.97
12769.1	12799.1	0.16	0.41	1.09
13115.6	13145.6	0.30	0.55	1.24
13430.6	13460.6	0.72	1.03	1.66
13777.1	13807.1	1.38	1.66	2.03
14092.1	14122.1	1.40	1.68	2.09
14438.6	14468.6	1.08	1.39	1.75
14753.6	14783.6	0.54	0.94	1.43
15100.1	15130.1	0.50	0.83	1.16

REV. X3

SIM-153MH+

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=9100MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3190MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=15010.09MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+13			+13			+13
4599.9	4500.1	11.54	10.1	3200.1	7.82	3510.0	11500.1	10.06
4369.3	4730.7	10.20	130.1	3320.1	6.32	3430.0	11580.1	10.16
4138.6	4961.4	9.37	250.1	3440.1	6.26	3350.0	11660.1	10.16
3908.0	5192.0	9.12	370.1	3560.1	6.09	3250.0	11760.1	10.28
3677.3	5422.7	8.21	490.1	3680.1	5.87	3170.0	11840.1	10.24
3446.7	5653.3	7.89	610.1	3800.1	5.85	3070.0	11940.1	10.31
3216.0	5884.0	8.50	730.1	3920.1	5.70	2990.0	12020.1	10.19
2985.4	6114.6	8.62	850.1	4040.1	5.78	2890.0	12120.1	10.33
2754.7	6345.3	8.73	970.1	4160.1	5.77	2810.0	12200.1	10.19
2524.1	6575.9	9.21	1090.1	4280.1	5.79	2710.0	12300.1	10.09
2293.4	6806.6	9.28	1210.1	4400.1	5.78	2630.0	12380.1	10.08
2062.8	7037.2	8.96	1330.1	4520.1	5.87	2530.0	12480.1	10.02
1832.1	7267.9	8.26	1450.1	4640.1	6.26	2450.0	12560.1	9.90
1601.5	7498.5	8.06	1570.1	4760.1	6.69	2350.0	12660.1	9.60
1370.8	7729.2	8.01	1690.1	4880.1	7.07	2270.0	12740.1	9.80
1140.2	7959.8	8.30	1810.1	5000.1	7.44	2170.0	12840.1	9.62
909.5	8190.5	8.29	1930.1	5120.1	7.73	2090.0	12920.1	9.45
678.9	8421.1	7.86	2050.1	5240.1	8.09	1990.0	13020.1	9.28
448.2	8651.8	7.48	2170.1	5360.1	7.96	1910.0	13100.1	9.11
217.6	8882.4	7.20	2290.1	5480.1	7.56	1810.0	13200.1	8.98
10.0	9110.0	7.92	2410.1	5600.1	7.56	1730.0	13280.1	8.93
240.5	9340.5	7.40	2530.1	5720.1	7.59	1630.0	13380.1	8.79
450.0	9550.0	7.44	2650.1	5840.1	7.49	1550.0	13460.1	8.80
680.4	9780.4	7.57	2750.1	5940.1	7.37	1450.0	13560.1	8.83
889.9	9989.9	7.77	2870.1	6060.1	7.26	1370.0	13640.1	8.62
1120.4	10220.4	8.01	2970.1	6160.1	7.25	1270.0	13740.1	8.57
1329.9	10429.9	7.96	3090.1	6280.1	7.18	1190.0	13820.1	8.44
1560.3	10660.3	8.29	3190.1	6380.1	7.09	1090.0	13920.1	8.39
1769.8	10869.8	8.43	3310.1	6500.1	7.28	1010.0	14000.1	8.40
2000.3	11100.3	8.41	3410.1	6600.1	7.32	910.0	14100.1	8.42
2209.8	11309.8	8.64	3530.1	6720.1	7.43	830.0	14180.1	8.53
2440.3	11540.3	9.61	3630.1	6820.1	7.36	730.0	14280.1	8.63
2649.8	11749.8	9.97	3750.1	6940.1	7.38	650.0	14360.1	8.86
2880.2	11980.2	9.54	3850.1	7040.1	7.36	550.0	14460.1	9.04
3089.7	12189.7	9.54	3970.1	7160.1	7.44	470.0	14540.1	9.04
3320.2	12420.2	9.46	4070.1	7260.1	7.82	370.0	14640.1	8.92
3529.7	12629.7	9.50	4190.1	7380.1	8.15	290.0	14720.1	8.77
3760.1	12860.1	9.52	4290.1	7480.1	8.66	190.0	14820.1	8.57
3969.6	13069.6	9.54	4410.1	7600.1	9.24	110.0	14900.1	8.60
4200.1	13300.1	10.66	4510.1	7700.1	9.96	10.0	15000.1	9.13

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+10	+13	+16	+10	+13	+16
2530.1	44.24	44.24	45.72	22.55	22.53	22.67
2845.1	39.72	41.39	37.55	21.10	21.16	22.04
3160.1	38.96	38.92	35.91	19.81	20.38	21.98
3475.1	42.06	40.84	38.28	18.29	19.60	20.90
3790.1	43.53	40.99	39.44	18.40	19.51	20.03
4105.1	36.62	35.97	35.33	18.43	18.58	18.34
4420.1	35.63	35.74	35.72	16.18	15.72	15.33
4735.1	36.57	36.09	35.61	15.55	14.64	14.00
5050.1	38.96	39.44	39.43	14.74	13.67	12.96
5365.1	36.98	39.10	41.07	15.02	14.28	13.77
5680.1	36.46	38.50	40.67	14.95	14.75	14.54
5995.1	36.99	39.39	42.04	14.70	15.14	15.37
6310.1	36.20	39.48	43.45	14.88	15.92	16.71
6625.1	35.77	39.34	43.02	15.36	16.78	18.08
6940.1	35.77	39.12	40.34	15.46	17.26	18.96
7255.1	34.78	34.61	33.59	15.63	17.42	18.91
7570.1	31.93	31.32	30.62	15.81	16.05	15.76
7885.1	29.79	30.21	30.46	14.87	13.70	12.60
8200.1	30.08	29.17	28.67	15.56	13.93	12.88
8515.1	35.74	34.04	32.52	19.20	17.97	17.26
8830.1	34.95	37.33	37.49	24.00	22.79	21.92
9176.6	32.07	32.52	32.92	24.01	22.81	21.38
9491.6	29.89	29.95	30.20	19.78	19.59	19.00
9838.1	31.10	31.60	32.16	19.10	19.44	19.29
10153.1	31.09	31.63	32.25	20.66	21.29	21.32
10499.6	33.18	33.44	33.73	22.22	22.83	22.93
10814.6	36.06	36.02	36.09	25.47	26.17	26.32
11161.1	39.15	38.63	38.21	28.78	29.55	29.83
11476.1	42.37	41.27	40.37	30.24	30.78	30.80
11822.6	42.17	42.44	40.22	29.90	30.35	30.00
12137.6	39.26	39.92	37.20	31.26	32.37	31.64
12484.1	38.04	37.62	33.62	34.90	34.55	31.93
12799.1	39.26	43.00	35.25	36.89	33.82	30.64
13145.6	33.76	34.33	32.24	33.78	30.46	28.42
13460.6	27.49	27.33	26.89	28.75	26.93	25.78
13807.1	24.02	24.45	24.66	25.74	25.14	24.75
14122.1	22.23	22.97	23.49	25.95	25.86	25.72
14468.6	21.89	22.64	23.11	28.27	28.97	29.30
14783.6	21.10	22.04	22.66	28.46	30.01	31.06
15130.1	20.71	21.99	22.63	23.62	24.94	25.71

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+10	+13	+16
2500.1	2530.1	15.70	15.48	14.53
2815.1	2845.1	15.58	15.88	12.30
3130.1	3160.1	18.54	17.66	15.34
3445.1	3475.1	19.54	19.30	19.78
3760.1	3790.1	24.17	24.47	24.19
4075.1	4105.1	21.93	21.08	20.10
4390.1	4420.1	18.89	18.53	18.23
4705.1	4735.1	19.12	18.80	18.50
5020.1	5050.1	24.19	23.71	23.26
5335.1	5365.1	28.54	27.78	26.99
5650.1	5680.1	26.68	26.30	25.86
5965.1	5995.1	25.37	24.87	24.50
6280.1	6310.1	25.89	25.33	24.96
6595.1	6625.1	28.38	27.94	27.53
6910.1	6940.1	34.52	34.39	34.16
7225.1	7255.1	35.26	35.29	35.32
7540.1	7570.1	24.28	23.86	23.55
7855.1	7885.1	20.96	20.72	20.51
8170.1	8200.1	18.37	18.23	18.25
8485.1	8515.1	20.16	19.59	19.52
8800.1	8830.1	47.75	38.05	31.93
9146.6	9176.6	26.60	26.82	25.80
9461.6	9491.6	21.25	21.52	21.89
9808.1	9838.1	19.02	19.26	19.58
10123.1	10153.1	18.89	19.20	19.57
10469.6	10499.6	19.15	19.42	19.76
10784.6	10814.6	21.49	21.77	22.03
11131.1	11161.1	24.67	25.01	25.32
11446.1	11476.1	24.52	24.69	24.82
11792.6	11822.6	21.67	21.72	21.75
12107.6	12137.6	19.47	19.48	19.42
12454.1	12484.1	16.82	16.95	16.94
12769.1	12799.1	16.75	16.94	17.07
13115.6	13145.6	17.42	17.60	17.74
13430.6	13460.6	17.33	17.47	17.61
13777.1	13807.1	16.06	16.21	16.46
14092.1	14122.1	16.15	16.39	16.75
14438.6	14468.6	19.56	19.70	19.84
14753.6	14783.6	22.40	22.17	22.10
15100.1	15130.1	25.75	25.34	25.14

Frequency Mixer

SIM-153MH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=15000MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+10	+13	+16		+10	+13	+16		+10	+13	+16
2500.1	2530.1	5.13	3.97	2.60	2530.1	31.03	29.96	27.59	10.0	1.14	1.05	1.18
2815.1	2845.1	3.16	2.09	1.38	2845.1	25.56	24.83	19.98	110.2	1.23	1.12	1.21
3130.1	3160.1	2.65	1.83	1.65	3160.1	21.46	17.57	14.03	210.5	1.35	1.25	1.29
3445.1	3475.1	2.45	2.25	2.22	3475.1	13.29	10.19	10.31	310.7	1.52	1.40	1.39
3760.1	3790.1	2.89	2.80	2.78	3790.1	6.05	6.76	7.70	411.0	1.70	1.56	1.53
4075.1	4105.1	3.07	2.97	2.91	4105.1	4.22	5.22	6.17	511.2	1.90	1.75	1.69
4390.1	4420.1	3.11	2.97	2.88	4420.1	3.11	3.95	4.79	611.4	2.12	1.95	1.87
4705.1	4735.1	3.05	2.86	2.70	4735.1	2.17	2.73	3.31	711.7	2.32	2.13	2.04
5020.1	5050.1	4.25	3.95	3.72	5050.1	1.45	1.81	2.20	811.9	2.46	2.27	2.17
5335.1	5365.1	5.31	4.95	4.64	5365.1	1.38	1.82	2.27	912.2	2.54	2.35	2.24
5650.1	5680.1	4.96	4.70	4.45	5680.1	1.86	2.47	3.10	1012.4	2.53	2.33	2.23
5965.1	5995.1	4.23	4.00	3.78	5995.1	2.25	2.93	3.66	1112.6	2.52	2.29	2.17
6280.1	6310.1	3.65	3.35	3.16	6310.1	2.66	3.33	4.07	1232.9	2.43	2.18	2.06
6595.1	6625.1	3.02	2.64	2.41	6625.1	3.06	3.67	4.34	1333.2	2.36	2.09	1.97
6910.1	6940.1	2.30	1.99	1.78	6940.1	3.14	3.66	4.24	1453.4	2.31	2.01	1.86
7225.1	7255.1	1.57	1.38	1.25	7255.1	3.24	3.62	4.15	1553.7	2.31	1.99	1.82
7540.1	7570.1	1.09	1.07	1.18	7570.1	3.47	3.54	3.81	1674.0	2.26	1.93	1.74
7855.1	7885.1	1.17	1.27	1.40	7885.1	3.17	2.97	3.00	1774.2	2.24	1.90	1.71
8170.1	8200.1	1.63	1.73	1.87	8200.1	2.49	2.23	2.23	1894.5	2.22	1.89	1.69
8485.1	8515.1	2.18	2.29	2.41	8515.1	1.93	1.73	1.77	1994.7	2.21	1.89	1.69
8800.1	8830.1	2.66	2.71	2.79	8830.1	1.54	1.49	1.64	2115.0	2.22	1.90	1.71
9146.6	9176.6	3.52	3.54	3.71	9176.6	1.24	1.48	1.78	2215.3	2.24	1.94	1.75
9461.6	9491.6	3.80	3.75	3.75	9491.6	1.36	1.72	2.10	2335.6	2.32	2.02	1.85
9808.1	9838.1	4.60	4.54	4.39	9838.1	1.80	2.24	2.69	2435.8	2.46	2.18	2.01
10123.1	10153.1	5.06	4.95	4.86	10153.1	2.22	2.58	3.06	2556.1	2.71	2.42	2.25
10469.6	10499.6	5.09	4.93	4.80	10499.6	2.64	2.93	3.40	2656.3	2.88	2.58	2.39
10784.6	10814.6	4.98	4.83	4.57	10814.6	2.89	2.92	3.26	2776.6	2.87	2.59	2.41
11131.1	11161.1	5.03	4.82	4.69	11161.1	3.36	3.09	3.27	2876.8	2.75	2.51	2.36
11446.1	11476.1	5.83	5.46	5.39	11476.1	3.95	3.45	3.52	2997.1	2.61	2.41	2.30
11792.6	11822.6	5.93	5.52	5.16	11822.6	4.52	3.51	3.27	3097.4	2.56	2.39	2.31
12107.6	12137.6	5.89	5.33	4.91	12137.6	5.56	3.70	3.06	3217.7	2.53	2.40	2.37
12454.1	12484.1	5.95	5.22	4.84	12484.1	4.46	2.99	2.30	3317.9	2.56	2.46	2.45
12769.1	12799.1	5.20	4.56	4.12	12799.1	3.43	2.34	1.76	3438.2	2.64	2.58	2.60
13115.6	13145.6	3.79	3.48	3.10	13145.6	2.95	2.20	1.96	3538.4	2.71	2.67	2.71
13430.6	13460.6	3.30	3.03	2.73	13460.6	2.51	2.42	2.58	3658.7	2.82	2.82	2.89
13777.1	13807.1	2.38	2.18	2.00	13807.1	2.49	2.95	3.37	3758.9	2.92	2.94	3.04
14092.1	14122.1	1.36	1.28	1.19	14122.1	2.71	3.30	3.82	3879.2	3.07	3.15	3.29
14438.6	14468.6	1.31	1.39	1.47	14468.6	2.98	3.43	3.79	3979.5	3.22	3.35	3.52
14753.6	14783.6	1.97	2.09	2.15	14783.6	2.92	3.14	3.40	4099.8	3.40	3.58	3.78
15100.1	15130.1	2.87	2.90	3.00	15130.1	2.12	2.19	2.26	4200.0	3.65	3.89	4.13

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+14	17	10	---	---	---	---	---	---	---
1	-	16	+0	36	27	44	---	---	---	---	---	---
2	83	55	43	52	42	56	52	---	---	---	---	---
3	89	>70	67	>70	63	68	>70	>70	---	---	---	---
4	---	---	>70	>70	>70	>70	>70	>70	>70	---	---	---
5	---	---	---	>70	>70	>70	>70	>70	>70	>70	---	---
6	---	---	---	---	>70	>70	>70	>70	>70	>70	>70	---
7	---	---	---	---	---	>70	>70	>70	>70	>70	>70	>70
8	---	---	---	---	---	---	>70	>70	>70	>70	>70	>70
9	---	---	---	---	---	---	---	>70	>70	>70	>70	>70
10	---	---	---	---	---	---	---	---	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions:

RF IN: 7700 MHz; -8.00 dBm.
LO IN: 7730 MHz; +13.00 dBm
IF OUT: 30 MHz; -19.75 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+4	26	21	---	---	---	---	---	---	---
1	-	16	+0	38	26	48	---	---	---	---	---	---
2	64	46	35	42	35	49	46	---	---	---	---	---
3	61	63	50	58	43	53	61	68	---	---	---	---
4	---	---	73	69	59	78	55	66	65	---	---	---
5	---	---	---	>80	78	>80	67	68	72	>80	---	---
6	---	---	---	---	>80	>80	77	>80	73	>80	79	---
7	---	---	---	---	---	>80	>80	>80	>80	79	>80	>80
8	---	---	---	---	---	---	>80	>80	>80	>80	>80	>80
9	---	---	---	---	---	---	---	>80	>80	>80	>80	>80
10	---	---	---	---	---	---	---	---	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 7700 MHz; 2.00 dBm.
LO IN: 7730 MHz; +13.00 dBm
IF OUT: 30 MHz; -10.15 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.