

Frequency Mixer

ZX05-153MH+

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	41.39	28.39	16.39
2815.1	2845.1	24.45	13.75	8.18
3130.1	3160.1	12.34	7.43	6.34
3445.1	3475.1	7.41	6.59	6.23
3760.1	3790.1	6.62	6.29	6.15
4075.1	4105.1	6.35	6.18	6.10
4390.1	4420.1	6.14	5.97	5.91
4705.1	4735.1	5.93	5.86	5.87
5020.1	5050.1	6.10	5.97	5.94
5335.1	5365.1	6.83	6.54	6.38
5650.1	5680.1	6.66	6.44	6.32
5965.1	5995.1	6.22	6.07	6.02
6280.1	6310.1	5.93	5.79	5.75
6595.1	6625.1	5.84	5.60	5.54
6910.1	6940.1	5.84	5.56	5.46
7225.1	7255.1	5.65	5.38	5.30
7540.1	7570.1	5.55	5.31	5.31
7855.1	7885.1	5.60	5.48	5.66
8170.1	8200.1	5.64	5.61	5.84
8485.1	8515.1	5.72	5.71	5.96
8800.1	8830.1	5.92	5.85	5.98
9146.6	9176.6	6.46	6.48	6.67
9461.6	9491.6	7.29	7.22	7.36
9808.1	9838.1	8.03	8.02	8.20
10123.1	10153.1	8.65	8.61	8.71
10469.6	10499.6	8.60	8.57	8.65
10784.6	10814.6	8.75	8.64	8.67
11131.1	11161.1	8.96	8.82	8.80
11446.1	11476.1	8.68	8.49	8.47
11792.6	11822.6	8.90	8.58	8.55
12107.6	12137.6	9.49	8.89	8.86
12454.1	12484.1	9.15	8.67	8.71
12769.1	12799.1	8.78	8.34	8.43
13115.6	13145.6	7.85	7.57	7.71
13430.6	13460.6	7.69	7.59	7.73
13777.1	13807.1	7.86	7.80	7.93
14092.1	14122.1	7.95	7.91	8.03
14438.6	14468.6	8.76	8.68	8.80
14753.6	14783.6	8.53	8.45	8.73
15100.1	15130.1	10.04	9.93	10.16

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+10	+13	+16
2500.1	2530.1	-10.34	-12.19	-4.56
2815.1	2845.1	-11.09	-3.96	7.91
3130.1	3160.1	-2.59	11.53	15.04
3445.1	3475.1	7.77	14.56	18.35
3760.1	3790.1	11.98	16.25	17.42
4075.1	4105.1	13.82	17.59	20.95
4390.1	4420.1	12.78	13.61	15.76
4705.1	4735.1	21.04	21.07	21.06
5020.1	5050.1	15.84	16.91	17.51
5335.1	5365.1	18.09	16.66	16.59
5650.1	5680.1	18.82	18.56	16.57
5965.1	5995.1	15.84	17.46	17.07
6280.1	6310.1	13.36	15.87	16.43
6595.1	6625.1	11.87	13.57	15.28
6910.1	6940.1	11.95	12.13	13.75
7225.1	7255.1	11.34	11.95	13.32
7540.1	7570.1	11.89	12.06	13.20
7855.1	7885.1	12.17	11.71	11.83
8170.1	8200.1	14.20	13.68	13.09
8485.1	8515.1	13.32	12.47	17.45
8800.1	8830.1	19.43	15.95	15.75
9146.6	9176.6	15.77	18.14	15.01
9461.6	9491.6	18.31	20.03	14.52
9808.1	9838.1	19.16	18.72	15.37
10123.1	10153.1	19.67	19.69	17.70
10469.6	10499.6	19.70	19.71	19.67
10784.6	10814.6	19.62	19.68	19.67
11131.1	11161.1	19.23	19.59	19.60
11446.1	11476.1	16.69	19.54	19.76
11792.6	11822.6	14.95	18.85	19.24
12107.6	12137.6	14.85	17.72	18.73
12454.1	12484.1	16.06	17.36	17.44
12769.1	12799.1	16.01	16.37	15.13
13115.6	13145.6	17.49	16.81	14.94
13430.6	13460.6	17.38	17.02	14.61
13777.1	13807.1	18.21	17.32	15.12
14092.1	14122.1	18.31	17.62	14.27
14438.6	14468.6	17.96	17.91	13.24
14753.6	14783.6	16.79	16.67	10.16
15100.1	15130.1	15.47	16.82	13.01

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+5dBm (dB)		
		@LO (dBm)		
		+10	+13	+16
2500.1	2530.1	-8.65	-5.10	-1.12
2815.9	2845.9	-4.57	-0.62	1.91
3131.7	3161.7	-0.60	2.06	1.99
3447.5	3477.5	1.82	1.47	1.21
3763.3	3793.3	1.26	0.89	0.75
4079.0	4109.0	0.84	0.61	0.51
4394.8	4424.8	0.73	0.54	0.45
4710.6	4740.6	0.53	0.40	0.37
5026.4	5056.4	0.65	0.48	0.41
5342.2	5372.2	0.79	0.69	0.64
5658.0	5688.0	0.90	0.75	0.67
5973.8	6003.8	0.99	0.89	0.82
6289.6	6319.6	0.87	0.82	0.80
6605.4	6635.4	0.92	0.83	0.81
6921.2	6951.2	1.00	0.87	0.81
7236.9	7266.9	1.03	0.90	0.86
7552.7	7582.7	1.19	0.92	0.81
7868.5	7898.5	1.18	0.98	0.95
8184.3	8214.3	1.12	1.03	0.99
8500.1	8530.1	0.89	0.89	1.02
8815.9	8845.9	0.77	0.86	1.10
9131.7	9161.7	0.81	0.95	1.25
9447.5	9477.5	0.72	0.80	0.98
9794.8	9824.8	0.53	0.64	0.82
10110.6	10140.6	0.38	0.45	0.59
10458.0	10488.0	0.33	0.37	0.51
10773.8	10803.8	0.23	0.26	0.35
11121.2	11151.2	0.18	0.23	0.34
11436.9	11466.9	0.12	0.21	0.32
11784.3	11814.3	0.12	0.23	0.42
12100.1	12130.1	0.00	0.19	0.45
12447.5	12477.5	0.01	0.26	0.69
12763.3	12793.3	0.17	0.47	1.11
13110.6	13140.6	0.41	0.63	1.20
13426.4	13456.4	0.53	0.77	1.31
13773.8	13803.8	0.60	0.86	1.28
14089.6	14119.6	0.81	1.13	1.59
14436.9	14466.9	0.63	0.99	1.45
14752.7	14782.7	0.53	0.92	1.15
15100.1	15130.1	0.35	0.69	1.19

REV. X2

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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)=15010.099MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+13			+13			+13
4599.9	4500.1	9.82	10.1	3200.1	7.81	3510.0	11500.1	11.08
4369.3	4730.7	9.24	130.1	3320.1	7.06	3430.0	11580.1	10.89
4138.6	4961.4	9.27	250.1	3440.1	6.64	3350.0	11660.1	10.84
3908.0	5192.0	8.53	370.1	3560.1	6.34	3250.0	11760.1	10.77
3677.3	5422.7	7.61	490.1	3680.1	6.12	3170.0	11840.1	10.98
3446.7	5653.3	7.37	610.1	3800.1	6.09	3070.0	11940.1	10.94
3216.0	5884.0	7.63	730.1	3920.1	6.09	2990.0	12020.1	10.70
2985.4	6114.6	8.03	850.1	4040.1	6.15	2890.0	12120.1	10.64
2754.7	6345.3	7.84	970.1	4160.1	6.30	2810.0	12200.1	10.35
2524.1	6575.9	8.08	1090.1	4280.1	6.35	2710.0	12300.1	10.23
2293.4	6806.6	8.22	1210.1	4400.1	6.43	2630.0	12380.1	10.29
2062.8	7037.2	7.90	1330.1	4520.1	6.50	2530.0	12480.1	10.20
1832.1	7267.9	7.39	1450.1	4640.1	6.73	2450.0	12560.1	10.11
1601.5	7498.5	7.16	1570.1	4760.1	7.24	2350.0	12660.1	9.91
1370.8	7729.2	7.15	1690.1	4880.1	7.64	2270.0	12740.1	9.87
1140.2	7959.8	7.03	1810.1	5000.1	7.97	2170.0	12840.1	9.62
909.5	8190.5	6.93	1930.1	5120.1	8.01	2090.0	12920.1	9.48
678.9	8421.1	6.79	2050.1	5240.1	8.23	1990.0	13020.1	9.22
448.2	8651.8	6.35	2170.1	5360.1	8.20	1910.0	13100.1	8.98
217.6	8882.4	6.09	2290.1	5480.1	7.99	1810.0	13200.1	8.90
10.0	9110.0	6.51	2410.1	5600.1	7.98	1730.0	13280.1	8.78
240.5	9340.5	6.13	2530.1	5720.1	8.11	1630.0	13380.1	8.67
450.0	9550.0	6.22	2650.1	5840.1	8.09	1550.0	13460.1	8.64
680.4	9780.4	6.53	2750.1	5940.1	8.05	1450.0	13560.1	8.55
889.9	9989.9	6.88	2870.1	6060.1	7.89	1370.0	13640.1	8.53
1120.4	10220.4	7.02	2970.1	6160.1	7.96	1270.0	13740.1	8.45
1329.9	10429.9	7.15	3090.1	6280.1	7.78	1190.0	13820.1	8.43
1560.3	10660.3	7.31	3190.1	6380.1	7.84	1090.0	13920.1	8.49
1769.8	10869.8	7.42	3310.1	6500.1	7.76	1010.0	14000.1	8.49
2000.3	11100.3	7.63	3410.1	6600.1	7.77	910.0	14100.1	8.55
2209.8	11309.8	7.86	3530.1	6720.1	7.90	830.0	14180.1	8.60
2440.3	11540.3	8.01	3630.1	6820.1	8.00	730.0	14280.1	8.55
2649.8	11749.8	8.11	3750.1	6940.1	8.13	650.0	14360.1	8.56
2880.2	11980.2	8.23	3850.1	7040.1	8.16	550.0	14460.1	8.54
3089.7	12189.7	9.39	3970.1	7160.1	8.25	470.0	14540.1	8.56
3320.2	12420.2	9.06	4070.1	7260.1	8.51	370.0	14640.1	8.56
3529.7	12629.7	9.04	4190.1	7380.1	8.94	290.0	14720.1	8.56
3760.1	12860.1	8.73	4290.1	7480.1	9.49	190.0	14820.1	8.61
3969.6	13069.6	8.83	4410.1	7600.1	10.16	110.0	14900.1	8.75
4200.1	13300.1	9.92	4510.1	7700.1	10.72	10.0	15000.1	9.15

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	45.34	45.26	45.71	24.64	24.50	24.69
2845.1	42.11	43.83	43.55	22.42	22.61	22.97
3160.1	42.77	46.48	41.62	20.64	21.18	22.45
3475.1	57.23	47.35	44.05	19.31	20.72	21.74
3790.1	52.72	50.19	48.15	19.11	19.93	19.94
4105.1	43.08	43.47	43.41	18.22	18.34	18.03
4420.1	41.49	42.26	42.55	16.99	16.69	16.09
4735.1	39.32	38.88	38.34	15.23	14.44	13.67
5050.1	40.19	39.54	39.03	14.00	12.98	12.39
5365.1	38.55	39.17	39.70	14.07	13.18	12.91
5680.1	37.51	39.07	40.55	14.58	14.30	14.24
5995.1	38.39	40.11	41.75	15.36	15.70	16.04
6310.1	36.80	39.55	42.29	15.95	17.02	17.86
6625.1	37.82	39.86	41.17	16.41	17.98	19.16
6940.1	38.07	39.63	40.08	16.68	18.56	20.21
7255.1	37.01	36.95	36.43	16.11	17.61	18.76
7570.1	36.66	36.56	35.41	15.08	14.96	14.76
7885.1	32.17	31.71	31.72	13.84	12.43	11.69
8200.1	29.66	28.74	28.32	14.00	12.69	11.70
8515.1	35.38	34.47	32.77	17.58	16.84	15.89
8830.1	44.33	54.80	55.91	22.04	21.23	20.58
9176.6	33.70	33.51	33.56	24.67	23.68	22.65
9491.6	29.51	28.97	28.96	21.14	20.63	19.87
9838.1	29.92	29.96	30.49	18.43	18.25	18.14
10153.1	31.78	32.43	33.45	18.03	18.06	18.02
10499.6	36.47	38.66	41.26	21.26	21.68	21.32
10814.6	37.31	38.91	40.94	24.13	24.65	25.03
11161.1	36.25	37.94	38.84	27.27	28.01	28.18
11476.1	33.64	35.38	36.98	30.84	31.34	31.59
11822.6	31.17	32.26	32.93	33.91	34.49	34.17
12137.6	31.36	31.49	31.48	37.33	36.97	36.20
12484.1	31.72	29.74	27.84	39.21	37.24	34.87
12799.1	31.30	27.93	25.66	40.55	38.38	35.78
13145.6	27.53	26.62	25.71	39.33	37.23	35.07
13460.6	25.78	26.57	27.16	36.40	35.33	34.28
13807.1	26.85	28.30	29.24	32.81	32.65	32.09
14122.1	29.55	29.89	29.71	29.31	29.55	29.29
14468.6	29.32	28.29	27.79	24.65	24.85	24.96
14783.6	24.11	24.87	25.14	19.31	19.98	20.22
15130.1	16.33	16.44	16.37	14.75	15.72	16.34

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+10	+13	+16
2500.1	2530.1	15.58	15.51	15.47
2815.1	2845.1	15.59	16.00	13.65
3130.1	3160.1	18.94	16.60	15.01
3445.1	3475.1	18.50	18.11	18.30
3760.1	3790.1	21.98	22.21	22.19
4075.1	4105.1	21.23	20.66	19.98
4390.1	4420.1	18.84	18.55	18.25
4705.1	4735.1	18.81	18.59	18.40
5020.1	5050.1	21.54	21.05	20.63
5335.1	5365.1	26.76	26.11	25.38
5650.1	5680.1	25.64	25.36	25.07
5965.1	5995.1	25.22	24.91	24.69
6280.1	6310.1	26.50	26.16	25.91
6595.1	6625.1	28.95	28.65	28.36
6910.1	6940.1	34.68	34.41	34.19
7225.1	7255.1	37.19	36.85	36.61
7540.1	7570.1	25.36	25.00	24.74
7855.1	7885.1	19.90	19.51	19.34
8170.1	8200.1	17.62	17.37	17.27
8485.1	8515.1	18.36	17.88	17.95
8800.1	8830.1	23.60	22.74	22.20
9146.6	9176.6	38.65	40.94	33.81
9461.6	9491.6	18.88	19.15	19.79
9808.1	9838.1	18.43	18.62	18.83
10123.1	10153.1	18.54	18.87	19.19
10469.6	10499.6	21.65	22.22	22.76
10784.6	10814.6	22.30	22.82	23.25
11131.1	11161.1	25.87	26.33	26.79
11446.1	11476.1	28.42	28.91	29.31
11792.6	11822.6	30.71	31.03	31.23
12107.6	12137.6	32.95	32.80	32.53
12454.1	12484.1	33.04	33.06	32.53
12769.1	12799.1	30.59	30.59	30.58
13115.6	13145.6	28.41	28.45	28.36
13430.6	13460.6	26.87	26.88	26.89
13777.1	13807.1	25.33	25.36	25.40
14092.1	14122.1	25.03	25.09	25.14
14438.6	14468.6	26.72	26.77	26.91
14753.6	14783.6	26.02	25.96	25.93
15100.1	15130.1	13.58	13.59	13.66

Frequency Mixer

ZX05-153MH+

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	4.87	3.95	2.86	2530.1	36.97	34.75	31.03	10.0	1.36	1.62	1.97
2815.1	2845.1	3.25	2.33	1.60	2845.1	35.46	33.42	26.74	110.2	1.40	1.70	2.05
3130.1	3160.1	3.14	2.31	2.10	3160.1	28.03	20.70	16.89	210.5	1.43	1.74	2.09
3445.1	3475.1	2.92	2.69	2.61	3475.1	12.80	11.69	12.44	310.7	1.28	1.51	1.78
3760.1	3790.1	2.98	2.84	2.77	3790.1	6.81	7.97	9.43	411.0	1.12	1.12	1.37
4075.1	4105.1	2.89	2.75	2.63	4105.1	4.59	5.74	6.81	511.2	1.37	1.17	1.28
4390.1	4420.1	2.63	2.46	2.32	4420.1	3.17	3.96	4.77	611.4	1.61	1.41	1.39
4705.1	4735.1	2.40	2.24	2.11	4735.1	2.17	2.72	3.28	711.7	1.77	1.57	1.50
5020.1	5050.1	2.86	2.62	2.45	5050.1	1.58	1.99	2.43	811.9	1.91	1.70	1.59
5335.1	5365.1	3.76	3.47	3.23	5365.1	1.56	2.04	2.52	912.2	2.03	1.80	1.65
5650.1	5680.1	3.49	3.30	3.13	5680.1	2.04	2.68	3.31	1012.4	2.12	1.88	1.70
5965.1	5995.1	3.14	2.97	2.84	5995.1	2.62	3.44	4.29	1112.6	2.33	2.05	1.81
6280.1	6310.1	2.84	2.67	2.54	6310.1	3.20	4.02	4.95	1232.9	2.45	2.14	1.85
6595.1	6625.1	2.62	2.36	2.18	6625.1	3.62	4.27	5.06	1333.2	2.48	2.17	1.85
6910.1	6940.1	2.31	2.05	1.87	6940.1	3.67	4.16	4.75	1453.4	2.60	2.26	1.91
7225.1	7255.1	1.92	1.70	1.55	7255.1	3.43	3.60	3.95	1553.7	2.67	2.32	1.95
7540.1	7570.1	1.68	1.47	1.35	7570.1	3.02	2.94	3.05	1674.0	2.62	2.29	1.91
7855.1	7885.1	1.53	1.40	1.37	7885.1	2.48	2.34	2.37	1774.2	2.69	2.33	1.93
8170.1	8200.1	1.66	1.67	1.73	8200.1	1.92	1.87	2.02	1894.5	2.62	2.27	1.88
8485.1	8515.1	2.03	2.07	2.19	8515.1	1.81	1.82	2.00	1994.7	2.62	2.27	1.88
8800.1	8830.1	2.42	2.44	2.53	8830.1	1.65	1.84	2.13	2115.0	2.56	2.23	1.84
9146.6	9176.6	3.07	3.10	3.17	9176.6	1.74	2.00	2.34	2215.3	2.54	2.21	1.84
9461.6	9491.6	3.68	3.59	3.52	9491.6	1.77	2.01	2.35	2335.6	2.52	2.20	1.86
9808.1	9838.1	4.62	4.53	4.44	9838.1	1.71	1.91	2.23	2435.8	2.55	2.25	1.93
10123.1	10153.1	4.72	4.61	4.50	10153.1	1.69	1.94	2.31	2556.1	2.71	2.42	2.13
10469.6	10499.6	5.59	5.49	5.34	10499.6	1.93	2.27	2.69	2656.3	3.08	2.79	2.47
10784.6	10814.6	5.77	5.56	5.38	10814.6	2.43	2.76	3.22	2776.6	3.33	3.01	2.67
11131.1	11161.1	6.17	5.89	5.61	11161.1	3.31	3.39	3.77	2876.8	3.20	2.93	2.63
11446.1	11476.1	5.27	4.95	4.74	11476.1	4.55	4.16	4.33	2997.1	3.17	2.93	2.69
11792.6	11822.6	4.80	4.47	4.24	11822.6	5.93	4.57	4.29	3097.4	3.05	2.86	2.68
12107.6	12137.6	5.34	4.77	4.45	12137.6	7.38	4.89	4.10	3217.7	3.00	2.83	2.72
12454.1	12484.1	4.68	4.15	3.79	12484.1	7.83	4.69	3.49	3317.9	2.91	2.78	2.73
12769.1	12799.1	3.97	3.52	3.22	12799.1	7.11	4.08	2.83	3438.2	2.92	2.82	2.86
13115.6	13145.6	4.14	3.70	3.41	13145.6	4.99	3.47	2.93	3538.4	2.92	2.86	2.98
13430.6	13460.6	3.76	3.49	3.24	13460.6	3.49	3.36	3.54	3658.7	3.10	3.09	3.27
13777.1	13807.1	3.23	3.04	2.86	13807.1	3.20	3.80	4.46	3758.9	3.21	3.24	3.47
14092.1	14122.1	3.54	3.34	3.14	14122.1	3.35	4.15	4.93	3879.2	3.40	3.47	3.76
14438.6	14468.6	3.54	3.31	3.06	14468.6	3.37	3.96	4.55	3979.5	3.42	3.54	3.87
14753.6	14783.6	2.75	2.54	2.29	14783.6	3.29	3.62	4.01	4099.8	3.55	3.75	4.17
15100.1	15130.1	1.88	1.80	1.71	15130.1	2.75	2.81	2.96	4200.0	3.63	3.87	4.33

Harmonics Tables

	RF HARMONICS ORDER	(-dBm)											
		(-dBc)											
0		-	-	+13	18	5	---	---	---	---	---	---	---
1		-	16	+0	32	23	38	---	---	---	---	---	---
2		73	58	41	46	49	51	46	---	---	---	---	---
3		>90	62	64	>76	55	63	68	67	---	---	---	---
4		---	---	>76	>76	>76	>76	>76	>76	>76	---	---	---
5		---	---	---	>76	>76	>76	>76	>76	>76	>76	---	---
6		---	---	---	---	>76	>76	>76	>76	>76	>76	>76	---
7		---	---	---	---	---	>76	>76	>76	>76	>76	>76	>76
8		---	---	---	---	---	---	>76	>76	>76	>76	>76	>76
9		---	---	---	---	---	---	---	>76	>76	>76	>76	>76
10		---	---	---	---	---	---	---	---	>76	>76	>76	>76
RF CAL		0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 7750 MHz; -8.00 dBm.
LO IN: 7780 MHz; +13.00 dBm
IF OUT: 30 MHz; -13.69 dBm

	RF HARMONICS ORDER	(-dBm)											
		(-dBc)											
0		-	-	+3	29	16	---	---	---	---	---	---	---
1		-	15	+0	36	23	50	---	---	---	---	---	---
2		53	43	30	37	41	44	41	---	---	---	---	---
3		67	42	43	52	37	46	52	55	---	---	---	---
4		---	---	60	61	57	48	66	55	60	---	---	---
5		---	---	---	68	76	73	56	56	63	60	---	---
6		---	---	---	---	71	69	71	60	76	66	70	---
7		---	---	---	---	---	83	79	83	69	67	73	67
8		---	---	---	---	---	---	82	81	85	64	78	77
9		---	---	---	---	---	---	---	>86	>86	85	79	79
10		---	---	---	---	---	---	---	---	>86	>86	>86	70
RF CAL		0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 7750 MHz; 2.00 dBm.
LO IN: 7780 MHz; +13.00 dBm
IF OUT: 30 MHz; -3.98 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.