

# Frequency Mixer

# ZX05-83+

## 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=+1dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+4	+7	+10			+4	+7	+10			+4	+7	+10
1500.1	1530.1	18.18	11.14	7.84	1500.1	1530.1	-6.78	0.75	7.25	1500.1	1530.1	-3.09	1.03	1.74
1680.1	1710.1	13.70	8.72	6.85	1680.1	1710.1	-4.36	0.64	4.59	1680.1	1710.1	0.02	1.94	1.57
1860.1	1890.1	10.82	7.92	6.71	1860.1	1890.1	-1.82	3.43	12.08	1860.1	1890.1	1.47	1.86	1.60
2040.1	2070.1	9.15	7.43	6.67	2040.1	2070.1	3.06	8.66	12.77	2040.1	2070.1	1.35	1.63	1.42
2220.1	2250.1	7.57	6.62	6.20	2220.1	2250.1	7.74	11.68	13.07	2220.1	2250.1	1.78	1.62	1.39
2400.1	2430.1	6.94	6.49	6.20	2400.1	2430.1	9.61	10.66	11.12	2400.1	2430.1	1.61	1.32	1.11
2580.1	2610.1	6.77	6.56	6.45	2580.1	2610.1	9.76	9.56	9.18	2580.1	2610.1	1.15	0.92	0.80
2760.1	2790.1	6.62	6.33	6.20	2760.1	2790.1	10.23	10.41	11.18	2760.1	2790.1	0.89	0.78	0.78
2940.1	2970.1	6.53	6.28	6.19	2940.1	2970.1	12.96	11.63	9.82	2940.1	2970.1	0.89	0.69	0.62
3120.1	3150.1	6.52	6.22	6.06	3120.1	3150.1	16.47	16.76	14.74	3120.1	3150.1	0.67	0.52	0.46
3300.1	3330.1	6.57	6.22	6.08	3300.1	3330.1	17.90	16.40	16.90	3300.1	3330.1	0.55	0.45	0.37
3480.1	3510.1	6.58	6.19	6.03	3480.1	3510.1	12.10	11.49	15.52	3480.1	3510.1	0.59	0.44	0.29
3660.1	3690.1	6.25	5.96	5.86	3660.1	3690.1	9.89	12.46	16.29	3660.1	3690.1	0.60	0.29	0.17
3840.1	3870.1	6.19	5.98	5.90	3840.1	3870.1	14.52	18.09	21.05	3840.1	3870.1	0.54	0.26	0.19
4020.1	4050.1	6.08	5.89	5.81	4020.1	4050.1	16.39	19.82	21.09	4020.1	4050.1	0.55	0.32	0.23
4200.1	4230.1	6.07	5.81	5.67	4200.1	4230.1	10.89	12.20	12.96	4200.1	4230.1	0.82	0.54	0.37
4380.1	4410.1	5.88	5.61	5.50	4380.1	4410.1	11.84	12.85	14.54	4380.1	4410.1	0.78	0.57	0.46
4560.1	4590.1	5.71	5.47	5.36	4560.1	4590.1	14.43	14.53	14.58	4560.1	4590.1	0.69	0.45	0.33
4720.1	4750.1	6.05	5.77	5.64	4720.1	4750.1	12.80	13.38	14.09	4720.1	4750.1	1.02	0.71	0.57
4900.1	4930.1	6.54	6.05	5.74	4900.1	4930.1	11.53	10.39	9.77	4900.1	4930.1	1.35	1.10	0.96
5060.1	5090.1	6.58	6.11	5.82	5060.1	5090.1	8.87	9.36	9.87	5060.1	5090.1	1.38	1.13	1.00
5240.1	5270.1	6.23	5.83	5.62	5240.1	5270.1	8.30	9.57	9.53	5240.1	5270.1	1.42	1.24	1.12
5400.1	5430.1	5.95	5.57	5.37	5400.1	5430.1	7.39	9.23	9.66	5400.1	5430.1	1.37	1.19	1.08
5580.1	5610.1	5.82	5.40	5.23	5580.1	5610.1	6.63	8.78	9.81	5580.1	5610.1	1.31	1.11	1.02
5740.1	5770.1	5.95	5.46	5.30	5740.1	5770.1	6.38	8.32	9.79	5740.1	5770.1	1.24	0.96	0.88
5920.1	5950.1	5.78	5.40	5.30	5920.1	5950.1	8.03	8.31	9.99	5920.1	5950.1	1.14	0.94	0.86
6080.1	6110.1	5.89	5.41	5.29	6080.1	6110.1	8.68	8.67	10.45	6080.1	6110.1	0.88	0.69	0.61
6260.1	6290.1	5.91	5.51	5.40	6260.1	6290.1	11.07	10.57	11.16	6260.1	6290.1	0.80	0.66	0.53
6420.1	6450.1	6.04	5.65	5.51	6420.1	6450.1	12.17	11.84	11.79	6420.1	6450.1	0.83	0.68	0.60
6600.1	6630.1	6.12	5.77	5.58	6600.1	6630.1	10.57	11.15	11.63	6600.1	6630.1	0.77	0.71	0.74
6760.1	6790.1	5.94	5.66	5.56	6760.1	6790.1	11.08	13.02	13.73	6760.1	6790.1	0.85	0.76	0.81
6940.1	6970.1	5.82	5.62	5.58	6940.1	6970.1	12.65	14.56	14.70	6940.1	6970.1	0.81	0.63	0.66
7100.1	7130.1	5.95	5.73	5.68	7100.1	7130.1	11.13	12.82	14.33	7100.1	7130.1	0.73	0.56	0.60
7280.1	7310.1	6.02	5.72	5.65	7280.1	7310.1	12.95	11.74	13.63	7280.1	7310.1	0.74	0.47	0.35
7440.1	7470.1	6.59	6.08	5.85	7440.1	7470.1	13.32	13.50	13.27	7440.1	7470.1	1.03	0.81	0.73
7620.1	7650.1	7.09	6.29	5.96	7620.1	7650.1	8.82	9.66	10.53	7620.1	7650.1	1.36	1.50	1.72
7780.1	7810.1	7.40	6.46	6.13	7780.1	7810.1	7.45	9.32	7.53	7780.1	7810.1	1.56	1.60	1.86
7960.1	7990.1	8.07	6.87	6.68	7960.1	7990.1	4.63	6.52	4.76	7960.1	7990.1	1.68	1.74	1.92
8120.1	8150.1	8.45	7.74	8.19	8120.1	8150.1	1.73	3.90	7.03	8120.1	8150.1	2.51	1.84	1.35
8300.1	8330.1	11.16	10.87	10.66	8300.1	8330.1	2.59	11.69	16.30	8300.1	8330.1	2.46	0.96	0.58

## Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=5150MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2190MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=8010.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+7			+7			+7
3649.9	1500.1	12.42	110.1	2300.1	6.36	3710.0	4300.1	10.48
3456.1	1693.9	11.62	210.1	2400.1	6.08	3610.0	4400.1	9.79
3262.2	1887.8	9.68	310.1	2500.1	6.17	3510.0	4500.1	9.09
3068.4	2081.6	8.76	410.1	2600.1	6.21	3410.0	4600.1	8.24
2874.5	2275.5	7.98	510.1	2700.1	6.17	3310.0	4700.1	8.15
2680.7	2469.3	6.73	610.1	2800.1	6.02	3210.0	4800.1	8.08
2486.9	2663.1	5.72	710.1	2900.1	6.02	3110.0	4900.1	8.04
2293.0	2857.0	6.27	810.1	3000.1	5.98	3010.0	5000.1	8.09
2099.2	3050.8	7.01	910.1	3100.1	6.08	2910.0	5100.1	8.08
1905.3	3244.7	7.74	1010.1	3200.1	6.21	2810.0	5200.1	8.10
1711.5	3438.5	8.53	1110.1	3300.1	6.52	2710.0	5300.1	8.07
1517.7	3632.3	7.49	1210.1	3400.1	7.00	2610.0	5400.1	7.81
1323.8	3826.2	6.82	1310.1	3500.1	7.21	2510.0	5500.1	7.55
1130.0	4020.0	6.43	1410.1	3600.1	7.08	2410.0	5600.1	7.43
936.1	4213.9	6.36	1510.1	3700.1	7.08	2310.0	5700.1	7.45
742.3	4407.7	6.22	1610.1	3800.1	7.36	2210.0	5800.1	7.63
548.4	4601.6	5.99	1710.1	3900.1	7.22	2110.0	5900.1	7.82
354.6	4795.4	6.02	1810.1	4000.1	7.11	2010.0	6000.1	7.89
182.3	4967.7	5.78	1910.1	4100.1	7.05	1910.0	6100.1	7.85
10.0	5160.0	6.33	2010.1	4200.1	7.16	1810.0	6200.1	7.80
157.8	5307.8	5.84	2110.1	4300.1	7.28	1730.0	6280.1	7.66
324.0	5474.0	5.86	2210.1	4400.1	7.49	1630.0	6380.1	7.47
471.8	5621.8	5.85	2310.1	4500.1	7.51	1550.0	6460.1	7.41
638.0	5788.0	6.16	2410.1	4600.1	7.56	1450.0	6560.1	7.25
785.8	5935.8	6.13	2510.1	4700.1	7.70	1370.0	6640.1	7.22
952.0	6102.0	6.44	2610.1	4800.1	7.81	1270.0	6740.1	7.12
1099.8	6249.8	6.60	2710.1	4900.1	7.97	1190.0	6820.1	6.92
1266.0	6416.0	6.74	2810.1	5000.1	8.04	1090.0	6920.1	6.91
1413.8	6563.8	7.08	2910.1	5100.1	7.96	1010.0	7000.1	6.78
1580.1	6730.0	7.38	3010.1	5200.1	7.83	910.0	7100.1	6.75
1727.8	6877.8	7.20	3090.1	5280.1	7.80	830.0	7180.1	6.74
1894.1	7044.1	7.29	3190.1	5380.1	7.52	730.0	7280.1	6.71
2041.8	7191.8	7.20	3270.1	5460.1	7.72	650.0	7360.1	6.62
2208.1	7358.1	7.43	3370.1	5560.1	7.92	550.0	7460.1	6.51
2355.8	7505.8	7.52	3450.1	5640.1	8.09	470.0	7540.1	6.41
2522.1	7672.1	7.33	3550.1	5740.1	8.25	370.0	7640.1	6.11
2669.8	7819.8	7.58	3630.1	5820.1	8.63	290.0	7720.1	6.14
2836.1	7986.1	8.10	3730.1	5920.1	9.11	190.0	7820.1	6.30
2983.9	8133.9	9.84	3810.1	6000.1	9.72	110.0	7900.1	6.52
3150.1	8300.1	13.24	3910.1	6100.1	10.66	10.0	8000.1	7.14

# Frequency Mixer

# ZX05-83+

## Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+4	+7	+10	+4	+7	+10
1530.1	48.75	42.90	36.95	21.84	22.22	22.83
1710.1	45.22	40.77	35.63	19.81	20.08	21.37
1890.1	37.62	33.70	31.76	17.96	19.22	21.21
2070.1	33.05	32.03	31.95	17.19	19.24	21.33
2250.1	34.66	34.58	34.80	17.74	19.97	22.13
2430.1	37.35	37.62	37.29	18.80	21.27	23.38
2610.1	38.73	37.99	36.80	20.30	22.54	24.03
2790.1	33.32	32.63	31.77	21.65	23.19	23.24
2970.1	32.09	30.28	29.08	22.34	23.37	23.26
3150.1	30.84	29.37	28.03	23.88	23.84	22.29
3330.1	31.01	28.95	27.61	26.19	24.48	22.91
3510.1	31.15	29.29	27.86	26.98	24.29	22.75
3690.1	30.98	29.05	27.85	27.74	25.22	23.85
3870.1	31.21	29.54	28.61	30.14	27.94	26.94
4050.1	31.91	30.82	29.47	32.70	32.69	32.25
4230.1	29.68	29.14	28.52	30.63	31.31	31.74
4410.1	28.42	27.95	27.75	24.16	23.21	22.79
4590.1	27.34	26.79	26.65	19.00	18.21	17.97
4750.1	27.42	27.03	26.95	16.56	16.12	16.04
4930.1	26.74	26.51	26.39	15.72	15.69	15.69
5090.1	25.94	25.50	25.42	15.92	16.05	16.33
5270.1	24.87	24.55	24.30	16.39	16.95	17.35
5430.1	23.94	23.59	23.30	17.02	17.91	18.57
5610.1	23.49	22.83	22.34	18.09	19.23	20.19
5770.1	23.33	22.09	21.40	19.29	20.59	21.93
5950.1	22.34	21.62	20.67	20.67	22.41	24.13
6110.1	21.80	20.58	19.73	22.60	24.40	26.30
6290.1	20.99	19.93	18.76	24.88	27.11	29.24
6450.1	20.59	19.76	18.68	25.84	26.31	26.68
6630.1	20.07	19.50	18.62	26.35	25.33	24.59
6790.1	19.92	19.83	19.00	28.42	27.20	26.12
6970.1	19.51	19.30	19.17	34.37	33.17	32.26
7130.1	18.71	19.16	19.16	28.39	28.59	28.68
7310.1	19.08	19.60	19.40	22.35	21.89	21.41
7470.1	19.50	20.09	20.35	18.86	18.42	18.11
7650.1	20.27	20.75	21.16	18.68	18.54	18.64
7810.1	20.07	20.56	21.02	15.75	15.19	15.40
7990.1	21.19	21.58	22.01	12.55	11.56	12.01
8150.1	23.19	23.54	23.48	10.18	9.17	9.69
8330.1	24.22	23.28	23.20	8.27	7.91	8.15

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+4	+7	+10
1500.1	1530.1	21.65	26.43	39.20
1679.8	1709.8	20.20	18.75	13.81
1859.6	1889.6	16.45	12.12	10.22
2039.3	2069.3	12.86	11.11	10.40
2219.0	2249.0	13.42	12.09	11.48
2398.8	2428.8	15.37	14.36	13.70
2578.5	2608.5	18.12	17.51	17.15
2758.3	2788.3	19.77	19.20	18.98
2938.0	2968.0	20.95	20.73	20.39
3117.7	3147.7	21.67	21.55	20.93
3297.5	3327.5	21.24	20.94	20.51
3477.2	3507.2	20.31	19.78	19.32
3656.9	3686.9	20.10	19.74	19.28
3836.7	3866.7	20.36	20.14	19.93
4016.4	4046.4	20.99	20.79	20.58
4196.2	4226.2	23.38	23.03	22.74
4375.9	4405.9	28.08	27.40	26.83
4555.6	4585.6	31.93	31.25	30.58
4735.4	4765.4	34.67	34.19	33.99
4915.1	4945.1	30.51	30.11	29.87
5094.8	5124.8	27.18	27.04	26.86
5274.6	5304.6	24.45	24.15	23.94
5434.3	5464.3	23.57	23.23	23.05
5614.1	5644.1	22.93	22.65	22.40
5773.8	5803.8	22.82	22.42	22.32
5953.6	5983.6	23.99	23.07	22.58
6113.3	6143.3	24.04	23.47	22.99
6293.1	6323.1	22.10	21.05	20.49
6452.8	6482.8	24.73	23.19	22.24
6632.6	6662.6	29.18	27.87	26.86
6792.4	6822.4	31.42	29.81	28.71
6972.1	7002.1	37.73	35.23	33.27
7131.9	7161.9	47.21	46.45	38.07
7311.6	7341.6	39.61	38.66	34.28
7471.4	7501.4	29.70	28.29	28.29
7651.1	7681.1	24.60	25.60	25.43
7810.9	7840.9	26.75	28.79	29.26
7990.6	8020.6	24.14	27.85	29.92
8150.4	8180.4	22.63	26.47	27.09
8330.1	8360.1	24.84	25.93	24.45

# Frequency Mixer

# ZX05-83+

## Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=800MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+4	+7	+10		+4	+7	+10		+4	+7	+10
1500.1	1530.1	7.17	3.89	2.67	1530.1	31.60	28.03	22.00	10.0	1.51	1.05	1.24
1679.8	1709.8	3.98	2.45	1.90	1710.1	26.74	22.58	15.00	89.8	1.51	1.11	1.27
1859.6	1889.6	2.82	1.84	1.44	1890.1	19.11	11.85	8.51	169.5	1.54	1.17	1.31
2039.3	2069.3	2.56	2.00	1.75	2070.1	8.99	6.26	6.03	269.3	1.69	1.31	1.37
2219.0	2249.0	2.71	2.33	2.15	2250.1	4.72	4.26	4.63	349.0	1.80	1.42	1.44
2398.8	2428.8	3.02	2.83	2.69	2430.1	2.96	3.06	3.63	448.7	2.02	1.57	1.51
2578.5	2608.5	3.23	3.14	3.09	2610.1	2.15	2.40	3.00	528.5	2.21	1.69	1.58
2758.3	2788.3	3.34	3.17	3.08	2790.1	1.81	2.08	2.65	628.2	2.46	1.87	1.68
2938.0	2968.0	3.43	3.17	3.02	2970.1	1.81	2.02	2.53	708.0	2.66	2.00	1.78
3117.7	3147.7	3.48	3.18	2.92	3150.1	1.81	2.02	2.52	807.7	2.95	2.19	1.92
3297.5	3327.5	3.40	3.07	2.82	3330.1	1.85	2.10	2.61	887.5	3.15	2.34	2.03
3477.2	3507.2	2.97	2.54	2.30	3510.1	2.07	2.30	2.76	987.2	3.51	2.58	2.20
3656.9	3686.9	2.53	2.28	2.11	3690.1	2.05	2.26	2.78	1067.0	3.75	2.75	2.33
3836.7	3866.7	2.46	2.25	2.12	3870.1	1.93	2.30	2.91	1166.7	3.99	2.92	2.44
4016.4	4046.4	2.48	2.29	2.15	4050.1	1.93	2.47	3.18	1246.5	4.15	3.03	2.53
4196.2	4226.2	2.74	2.53	2.36	4230.1	1.90	2.57	3.40	1346.2	4.32	3.09	2.55
4375.9	4405.9	2.66	2.39	2.23	4410.1	1.99	2.74	3.63	1425.9	4.51	3.21	2.66
4555.6	4585.6	2.18	1.95	1.79	4590.1	2.09	2.86	3.75	1525.7	4.73	3.29	2.70
4735.4	4765.4	2.33	2.14	2.02	4750.1	2.17	2.88	3.71	1605.4	4.92	3.40	2.77
4915.1	4945.1	2.87	2.62	2.42	4930.1	2.35	2.97	3.73	1705.1	5.07	3.46	2.78
5094.8	5124.8	2.78	2.56	2.39	5090.1	2.53	3.08	3.81	1784.9	5.30	3.64	2.89
5274.6	5304.6	2.55	2.35	2.19	5270.1	2.79	3.10	3.67	1884.6	5.51	3.71	2.92
5434.3	5464.3	2.47	2.24	2.10	5430.1	3.04	3.17	3.61	1964.4	5.63	3.79	2.97
5614.1	5644.1	2.33	2.11	1.99	5610.1	3.23	3.11	3.40	2064.1	5.66	3.79	2.94
5773.8	5803.8	2.26	2.05	1.95	5770.1	3.31	2.95	3.04	2143.9	5.63	3.76	2.93
5953.6	5983.6	2.18	1.92	1.84	5950.1	3.09	2.57	2.51	2243.6	5.51	3.69	2.86
6113.3	6143.3	2.21	1.95	1.83	6110.1	2.70	2.18	2.05	2323.4	5.38	3.60	2.80
6293.1	6323.1	2.20	1.97	1.83	6290.1	2.17	1.69	1.59	2423.1	5.14	3.48	2.72
6452.8	6482.8	2.27	2.03	1.87	6450.1	1.77	1.32	1.35	2502.9	4.98	3.39	2.69
6632.6	6662.6	2.32	2.13	1.98	6630.1	1.32	1.10	1.45	2602.6	4.67	3.23	2.61
6792.4	6822.4	2.15	2.00	1.90	6790.1	1.08	1.34	1.78	2682.3	4.39	3.10	2.57
6972.1	7002.1	2.10	1.99	1.92	6970.1	1.18	1.64	2.17	2782.1	4.15	3.00	2.55
7131.9	7161.9	2.12	2.02	1.97	7130.1	1.58	1.97	2.51	2861.8	3.88	2.94	2.60
7311.6	7341.6	1.95	1.75	1.66	7310.1	2.15	2.45	2.94	2961.5	3.79	2.96	2.70
7471.4	7501.4	2.45	2.07	1.85	7470.1	2.65	2.87	3.29	3041.3	3.58	2.94	2.80
7651.1	7681.1	2.92	2.52	2.29	7650.1	3.27	3.30	3.66	3141.0	3.53	3.04	3.04
7810.9	7840.9	3.00	2.56	2.31	7810.1	4.00	3.63	3.81	3220.8	3.27	3.02	3.18
7990.6	8020.6	3.11	2.56	2.29	7990.1	4.21	3.60	3.60	3320.5	3.24	3.24	3.60
8150.4	8180.4	2.87	2.31	2.22	8150.1	3.70	3.26	3.28	3400.3	3.13	3.42	3.96
8330.1	8360.1	2.54	2.54	2.56	8330.1	2.85	2.82	2.80	3500.0	3.18	3.80	4.59

## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	11	18	27	---	---	---	---	---	---
1	-	20	+0	35	20	33	45	---	---	---	---	---
2	>90	51	55	51	51	53	51	>70	---	---	---	---
3	>90	57	55	>70	57	>70	>70	64	>70	---	---	---
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	---	---
5	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70	---
6	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	---	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70
8	---	---	---	---	---	>70	>70	>70	>70	>70	>70	>70
9	---	---	---	---	---	---	>70	>70	>70	>70	>70	>70
10	---	---	---	---	---	---	---	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 5150 MHz; -14.00 dBm.  
 LO IN: 5180 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -20.15 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	20	28	39	---	---	---	---	---	---
1	-	19	+0	36	20	39	47	---	---	---	---	---
2	71	42	45	38	42	55	45	59	---	---	---	---
3	>90	36	34	60	35	60	53	49	59	---	---	---
4	>90	68	58	54	66	50	63	58	58	71	---	---
5	---	---	77	65	60	76	56	>80	68	63	76	---
6	---	---	---	>80	>80	70	>80	63	79	71	70	>80
7	---	---	---	---	>80	>80	78	>80	71	>80	78	76
8	---	---	---	---	---	>80	>80	>80	>80	74	>80	>80
9	---	---	---	---	---	---	>80	>80	>80	>80	>80	>80
10	---	---	---	---	---	---	---	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 5150 MHz; -4.00 dBm.  
 LO IN: 5180 MHz; +7.00 dBm  
 IF OUT: 30 MHz; -10.12 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.