

Frequency Mixer

ZX05-ED12902/14

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=+9dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
+10	+13	+16	+10	+13	+16	+10	+13	+16						
670.0	700.0	25.39	14.44	8.64	670.0	700.0	-5.16	1.78	8.44	670.0	700.0	-10.24	-1.99	1.07
770.0	800.0	11.87	7.93	6.43	770.0	800.0	3.86	7.57	15.92	770.0	800.0	1.57	2.49	2.30
870.0	900.0	8.88	7.12	6.33	870.0	900.0	7.14	10.80	13.84	870.0	900.0	1.95	2.45	2.48
970.0	1000.0	7.81	7.01	6.49	970.0	1000.0	10.78	11.58	12.38	970.0	1000.0	2.00	2.02	1.97
1070.0	1100.0	6.92	6.41	6.02	1070.0	1100.0	13.57	16.04	18.28	1070.0	1100.0	1.90	1.82	1.66
1170.0	1200.0	6.44	6.23	6.12	1170.0	1200.0	15.71	17.37	17.69	1170.0	1200.0	1.44	1.21	1.09
1270.0	1300.0	6.53	6.30	6.16	1270.0	1300.0	23.12	16.40	19.81	1270.0	1300.0	0.93	0.69	0.67
1370.0	1400.0	6.43	6.17	6.08	1370.0	1400.0	22.42	25.69	18.69	1370.0	1400.0	0.78	0.55	0.42
1470.0	1500.0	6.34	5.95	5.88	1470.0	1500.0	28.90	18.76	18.56	1470.0	1500.0	0.72	0.57	0.46
1570.0	1600.0	6.31	5.97	5.85	1570.0	1600.0	22.62	23.55	23.20	1570.0	1600.0	0.75	0.55	0.46
1670.0	1700.0	6.41	6.00	5.86	1670.0	1700.0	26.39	22.11	20.52	1670.0	1700.0	0.82	0.56	0.44
1770.0	1800.0	6.71	6.23	6.07	1770.0	1800.0	17.64	20.09	24.80	1770.0	1800.0	0.78	0.60	0.36
1870.0	1900.0	6.58	6.24	6.15	1870.0	1900.0	18.52	25.60	28.62	1870.0	1900.0	0.85	0.51	0.35
1970.0	2000.0	6.54	6.29	6.18	1970.0	2000.0	23.41	24.14	22.67	1970.0	2000.0	0.80	0.47	0.34
2070.0	2100.0	6.45	6.17	6.06	2070.0	2100.0	22.17	22.08	22.94	2070.0	2100.0	0.88	0.58	0.44
2170.0	2200.0	6.65	6.24	6.06	2170.0	2200.0	26.62	21.36	20.96	2170.0	2200.0	0.90	0.70	0.58
2270.0	2300.0	6.61	6.08	5.86	2270.0	2300.0	17.65	18.22	19.79	2270.0	2300.0	0.88	0.74	0.66
2370.0	2400.0	6.08	5.63	5.45	2370.0	2400.0	16.69	16.92	17.60	2370.0	2400.0	1.22	0.91	0.78
2470.0	2500.0	6.41	5.81	5.60	2470.0	2500.0	16.91	28.12	26.61	2470.0	2500.0	1.15	0.98	0.79
2570.0	2600.0	6.86	6.15	5.79	2570.0	2600.0	16.53	14.34	15.20	2570.0	2600.0	1.30	1.24	1.19
2650.0	2680.0	6.36	5.58	5.18	2650.0	2680.0	13.82	14.99	14.82	2650.0	2680.0	1.19	1.32	1.33
2750.0	2780.0	6.03	5.45	5.09	2750.0	2780.0	11.36	12.21	13.04	2750.0	2780.0	1.51	1.38	1.38
2830.0	2860.0	5.81	5.37	5.04	2830.0	2860.0	10.65	10.81	13.64	2830.0	2860.0	1.50	1.30	1.22
2930.0	2960.0	5.64	4.92	4.80	2930.0	2960.0	10.94	18.97	20.21	2930.0	2960.0	1.41	1.18	0.95
3010.0	3040.0	5.24	4.91	4.88	3010.0	3040.0	16.74	20.46	21.81	3010.0	3040.0	1.53	0.75	0.66
3110.0	3140.0	5.18	5.02	5.06	3110.0	3140.0	18.32	19.70	22.49	3110.0	3140.0	1.26	0.47	0.38
3190.0	3220.0	5.38	5.20	5.21	3190.0	3220.0	18.59	21.39	22.64	3190.0	3220.0	1.17	0.41	0.29
3290.0	3320.0	5.49	5.38	5.44	3290.0	3320.0	20.20	23.51	21.80	3290.0	3320.0	1.22	0.57	0.32
3370.0	3400.0	5.83	5.64	5.63	3370.0	3400.0	20.95	22.83	23.60	3370.0	3400.0	1.29	0.75	0.56
3470.0	3500.0	6.41	6.06	5.98	3470.0	3500.0	18.06	22.09	20.86	3470.0	3500.0	1.28	0.85	0.62
3550.0	3580.0	6.84	6.34	6.16	3550.0	3580.0	19.11	22.35	20.83	3550.0	3580.0	1.08	0.78	0.60
3650.0	3680.0	7.20	6.69	6.54	3650.0	3680.0	23.87	23.55	22.71	3650.0	3680.0	0.60	0.43	0.37
3730.0	3760.0	7.53	6.68	6.49	3730.0	3760.0	24.36	22.25	22.74	3730.0	3760.0	0.58	0.48	0.40
3830.0	3860.0	8.05	7.07	6.84	3830.0	3860.0	20.51	24.06	25.13	3830.0	3860.0	0.61	0.43	0.35
3910.0	3940.0	9.06	7.68	7.28	3910.0	3940.0	22.04	22.76	25.62	3910.0	3940.0	0.35	0.38	0.43
4010.0	4040.0	9.55	7.98	7.53	4010.0	4040.0	23.51	20.07	24.95	4010.0	4040.0	0.13	0.22	0.28
4090.0	4120.0	10.40	8.15	7.64	4090.0	4120.0	20.41	19.47	22.58	4090.0	4120.0	-0.19	0.13	0.19
4190.0	4220.0	11.67	8.25	7.61	4190.0	4220.0	15.37	23.62	20.95	4190.0	4220.0	-0.96	0.17	0.20
4270.0	4300.0	14.06	8.38	7.63	4270.0	4300.0	8.20	23.28	23.13	4270.0	4300.0	-2.81	0.23	0.25
4370.0	4400.0	18.83	9.39	7.92	4370.0	4400.0	3.94	23.87	26.05	4370.0	4400.0	-6.24	0.07	0.25

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Frequency Mixer

ZX05-ED12902/14

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2512MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=813.9MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4210.1001MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+13			+13			+13
1412.0	1100.0	10.84	10.1	824.0	7.61	1350.1	2860.0	11.40
1337.2	1174.8	9.39	50.1	864.0	6.91	1310.1	2900.0	10.92
1262.5	1249.5	7.25	90.1	904.0	6.78	1270.1	2940.0	10.06
1187.7	1324.3	6.75	130.1	944.0	6.96	1230.1	2980.0	9.71
1112.9	1399.1	7.50	170.1	984.0	6.72	1190.1	3020.0	10.16
1038.1	1473.9	7.64	210.1	1024.0	6.55	1150.1	3060.0	9.80
963.4	1548.6	8.02	250.1	1064.0	6.36	1110.1	3100.0	9.46
888.6	1623.4	9.31	290.1	1104.0	6.06	1070.1	3140.0	9.13
813.8	1698.2	9.27	330.1	1144.0	5.94	1030.1	3180.0	8.97
739.0	1773.0	8.10	370.1	1184.0	6.05	990.1	3220.0	9.03
664.3	1847.7	7.09	410.1	1224.0	6.02	950.1	3260.0	9.08
589.5	1922.5	6.50	450.1	1264.0	5.92	910.1	3300.0	9.25
514.7	1997.3	6.34	490.1	1304.0	5.93	870.1	3340.0	9.29
439.9	2072.1	5.88	530.1	1344.0	5.96	830.1	3380.0	9.19
365.2	2146.8	5.58	570.1	1384.0	6.06	790.1	3420.0	9.30
290.4	2221.6	5.34	610.1	1424.0	6.20	750.1	3460.0	9.33
215.6	2296.4	5.17	650.1	1464.0	6.28	710.1	3500.0	9.58
140.9	2371.1	5.19	690.1	1504.0	6.61	670.1	3540.0	9.85
66.1	2445.9	5.87	730.1	1544.0	6.76	630.1	3580.0	10.04
10.0	2522.0	6.39	770.1	1584.0	6.90	610.1	3600.0	10.03
95.2	2607.2	6.55	810.1	1624.0	7.05	570.1	3640.0	10.21
180.5	2692.5	6.88	850.1	1664.0	7.13	550.1	3660.0	10.09
265.7	2777.7	7.24	890.1	1704.0	7.46	510.1	3700.0	9.89
350.9	2862.9	7.10	930.1	1744.0	7.62	490.1	3720.0	10.01
436.1	2948.1	6.25	970.1	1784.0	7.60	450.1	3760.0	9.67
521.4	3033.4	6.34	1010.1	1824.0	7.50	430.1	3780.0	9.57
606.6	3118.6	6.29	1050.1	1864.0	7.58	390.1	3820.0	9.34
691.8	3203.8	6.23	1090.1	1904.0	7.82	370.1	3840.0	9.09
777.0	3289.0	6.18	1130.1	1944.0	7.67	330.1	3880.0	8.84
862.3	3374.3	6.20	1190.1	2004.0	7.76	310.1	3900.0	8.64
947.5	3459.5	6.13	1230.1	2044.0	7.74	270.1	3940.0	8.46
1011.4	3523.4	6.21	1290.1	2104.0	7.81	250.1	3960.0	8.30
1096.6	3608.6	6.40	1330.1	2144.0	8.05	210.1	4000.0	8.17
1160.6	3672.6	6.59	1390.1	2204.0	7.82	190.1	4020.0	8.13
1245.8	3757.8	6.85	1430.1	2244.0	7.75	150.1	4060.0	7.93
1309.7	3821.7	7.15	1490.1	2304.0	8.15	130.1	4080.0	7.88
1394.9	3906.9	7.80	1530.1	2344.0	8.32	90.1	4120.0	8.01
1458.9	3970.9	8.27	1590.1	2404.0	9.09	70.1	4140.0	8.03
1544.1	4056.1	9.47	1630.1	2444.0	9.65	30.1	4180.0	8.03
1608.0	4120.0	10.47	1690.1	2504.0	10.49	10.1	4200.0	8.27

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Frequency Mixer

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+10	+13	+16	+10	+13	+16
700.0	54.16	56.69	53.69	25.16	25.17	25.31
800.0	50.97	41.61	39.88	22.47	23.02	25.42
900.0	36.84	36.38	36.96	21.39	24.14	27.05
1000.0	39.89	40.18	40.81	23.08	26.14	28.82
1100.0	43.12	43.91	44.08	24.92	27.86	30.18
1200.0	41.59	41.26	40.65	27.29	29.94	30.52
1300.0	40.38	38.24	36.99	30.08	31.98	30.70
1400.0	37.69	35.46	33.77	32.87	34.26	32.94
1500.0	35.78	33.25	31.54	33.25	37.19	38.58
1600.0	34.75	32.49	31.29	28.54	31.15	34.19
1700.0	36.60	34.51	33.19	26.09	27.70	28.35
1800.0	36.51	35.68	34.15	20.64	22.08	22.40
1900.0	35.61	34.13	33.16	15.32	16.68	17.52
2000.0	34.94	33.98	33.19	11.06	12.60	13.80
2100.0	35.35	34.13	33.10	9.29	11.07	12.55
2200.0	36.00	34.49	33.44	9.60	11.43	13.16
2300.0	35.10	33.47	32.25	10.70	12.63	14.56
2400.0	34.45	32.22	30.56	12.08	14.06	16.10
2500.0	35.34	33.15	31.57	13.48	15.55	17.60
2600.0	34.45	31.21	29.66	14.93	16.94	18.71
2680.0	34.00	30.98	28.83	16.37	18.17	19.68
2780.0	32.64	29.78	27.59	17.99	18.88	19.09
2860.0	33.06	30.39	27.60	19.39	19.39	18.79
2960.0	32.51	29.74	26.74	20.89	20.13	19.23
3040.0	30.56	27.59	25.44	23.61	21.83	20.26
3140.0	29.05	26.65	24.99	26.74	23.72	21.99
3220.0	28.14	25.96	24.27	27.47	24.96	23.36
3320.0	27.74	26.34	24.84	25.25	24.52	23.63
3400.0	27.31	26.63	25.57	24.09	24.58	24.58
3500.0	25.73	25.43	24.71	23.34	23.74	23.97
3580.0	25.22	25.11	24.58	21.54	22.43	22.69
3680.0	24.97	24.99	24.54	18.87	19.82	20.59
3760.0	25.46	25.04	24.80	17.41	18.11	19.20
3860.0	26.24	25.82	25.46	17.59	17.98	19.25
3940.0	26.62	26.17	25.87	19.01	19.28	20.62
4040.0	26.98	26.59	26.01	16.20	16.91	18.44
4120.0	27.32	26.80	26.18	15.13	15.69	17.18
4220.0	27.66	26.88	26.16	14.57	15.15	16.74
4300.0	28.37	27.87	26.81	14.42	15.20	16.75
4400.0	29.17	29.22	27.60	14.13	15.02	16.20

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+10	+13	+16
670.0	700.0	24.76	24.52	20.49
770.0	800.0	21.48	15.54	13.65
870.0	900.0	13.58	12.26	11.74
970.0	1000.0	14.26	13.41	12.85
1070.0	1100.0	17.10	16.23	15.74
1170.0	1200.0	19.69	19.37	19.26
1270.0	1300.0	22.52	22.46	22.18
1370.0	1400.0	24.13	24.38	24.96
1470.0	1500.0	24.79	25.08	25.60
1570.0	1600.0	24.51	25.49	26.06
1670.0	1700.0	23.74	24.28	24.65
1770.0	1800.0	25.19	25.90	25.98
1870.0	1900.0	28.59	28.45	28.38
1970.0	2000.0	33.88	33.84	33.67
2070.0	2100.0	41.36	40.26	39.52
2170.0	2200.0	37.33	36.92	36.88
2270.0	2300.0	38.08	38.30	39.09
2370.0	2400.0	39.34	39.03	39.09
2470.0	2500.0	41.85	41.65	41.37
2570.0	2600.0	38.22	38.74	39.20
2650.0	2680.0	34.89	34.19	33.66
2750.0	2780.0	31.31	30.90	30.80
2830.0	2860.0	28.82	28.28	28.84
2930.0	2960.0	28.53	27.13	27.54
3010.0	3040.0	26.95	26.62	26.88
3110.0	3140.0	26.19	25.74	25.76
3190.0	3220.0	26.14	25.71	25.62
3290.0	3320.0	32.60	33.38	34.21
3370.0	3400.0	21.94	21.20	20.85
3470.0	3500.0	20.86	20.43	20.25
3550.0	3580.0	21.64	20.96	21.05
3650.0	3680.0	24.58	23.64	23.39
3730.0	3760.0	25.55	23.73	23.09
3830.0	3860.0	25.80	24.11	23.59
3910.0	3940.0	31.78	29.91	29.48
4010.0	4040.0	38.48	42.35	42.42
4090.0	4120.0	33.16	34.12	33.65
4190.0	4220.0	28.40	26.36	25.24
4270.0	4300.0	26.76	25.09	24.05
4370.0	4400.0	27.13	28.40	27.66

Frequency Mixer

ZX05-ED12902/14

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=4200MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+10	+13	+16		+10	+13	+16		+10	+13	+16
670.0	700.0	10.19	5.33	3.47	700.0	31.60	31.03	24.14	10.0	1.82	1.11	1.53
770.0	800.0	3.07	2.46	2.12	800.0	22.58	13.39	8.43	50.0	1.76	1.17	1.55
870.0	900.0	2.36	1.90	1.68	900.0	5.77	4.62	5.13	90.0	1.85	1.20	1.54
970.0	1000.0	2.82	2.52	2.34	1000.0	2.34	2.84	3.70	130.0	1.98	1.24	1.53
1070.0	1100.0	3.26	3.04	2.87	1100.0	1.33	1.92	2.68	170.0	2.16	1.30	1.51
1170.0	1200.0	3.52	3.40	3.34	1200.0	1.26	1.40	1.99	210.0	2.38	1.38	1.50
1270.0	1300.0	3.79	3.54	3.47	1300.0	1.75	1.24	1.54	250.0	2.62	1.47	1.50
1370.0	1400.0	3.90	3.57	3.33	1400.0	1.99	1.16	1.32	290.0	2.95	1.59	1.50
1470.0	1500.0	3.80	3.34	3.05	1500.0	2.04	1.26	1.45	330.0	3.35	1.75	1.53
1570.0	1600.0	3.66	3.15	2.86	1600.0	2.00	1.53	1.81	370.0	3.76	1.97	1.62
1670.0	1700.0	3.65	3.15	2.84	1700.0	1.93	1.76	2.19	410.0	4.13	2.17	1.72
1770.0	1800.0	3.86	3.19	2.85	1800.0	1.74	1.86	2.34	450.0	4.60	2.41	1.85
1870.0	1900.0	3.63	3.24	3.04	1900.0	1.43	1.70	2.35	490.0	5.00	2.63	1.99
1970.0	2000.0	3.65	3.33	3.13	2000.0	1.08	1.64	2.34	530.0	5.49	2.84	2.13
2070.0	2100.0	3.59	3.25	3.03	2100.0	1.23	1.67	2.33	570.0	5.97	3.11	2.31
2170.0	2200.0	3.71	3.36	3.14	2200.0	1.55	1.79	2.35	610.0	6.35	3.26	2.41
2270.0	2300.0	3.62	3.20	2.94	2300.0	1.95	1.96	2.39	650.0	6.94	3.59	2.65
2370.0	2400.0	2.98	2.53	2.27	2400.0	2.37	2.16	2.43	710.0	7.41	3.83	2.80
2470.0	2500.0	2.81	2.45	2.23	2500.0	2.68	2.24	2.39	750.0	7.94	4.12	3.05
2570.0	2600.0	3.10	2.60	2.32	2600.0	2.97	2.18	2.14	810.0	8.39	4.24	3.17
2650.0	2680.0	2.83	2.41	2.00	2680.0	3.02	2.24	2.18	850.0	8.99	4.59	3.49
2750.0	2780.0	2.32	2.07	1.85	2780.0	2.92	1.88	1.77	910.0	8.99	4.64	3.58
2830.0	2860.0	1.98	1.72	1.51	2860.0	2.70	1.59	1.37	950.0	9.38	4.91	3.79
2930.0	2960.0	1.75	1.54	1.54	2960.0	2.70	1.57	1.27	1010.0	9.13	4.88	3.83
3010.0	3040.0	1.67	1.69	1.73	3040.0	2.84	1.58	1.27	1050.0	9.28	5.14	4.08
3110.0	3140.0	1.82	1.87	1.94	3140.0	2.55	1.48	1.27	1110.0	8.81	5.04	4.09
3190.0	3220.0	1.90	1.91	1.96	3220.0	2.29	1.37	1.31	1150.0	8.90	5.09	4.15
3290.0	3320.0	1.90	1.84	1.84	3320.0	1.99	1.32	1.44	1210.0	8.35	4.99	4.25
3370.0	3400.0	2.13	1.98	1.91	3400.0	1.88	1.31	1.55	1250.0	8.23	4.96	4.28
3470.0	3500.0	2.66	2.38	2.24	3500.0	1.89	1.51	1.75	1310.0	7.66	4.96	4.55
3550.0	3580.0	3.22	2.87	2.63	3580.0	2.02	1.68	1.94	1350.0	7.25	4.73	4.41
3650.0	3680.0	3.86	3.47	3.21	3680.0	2.30	1.94	2.18	1410.0	6.51	4.87	4.89
3730.0	3760.0	4.30	3.68	3.40	3760.0	2.68	2.19	2.37	1450.0	5.93	4.83	5.13
3830.0	3860.0	4.53	3.87	3.58	3860.0	3.32	2.56	2.58	1510.0	5.42	5.23	5.87
3910.0	3940.0	5.54	4.61	4.23	3940.0	4.11	2.97	2.78	1550.0	5.02	5.54	6.44
4010.0	4040.0	6.30	5.14	4.66	4040.0	5.42	3.59	3.09	1610.0	4.70	6.26	7.38
4090.0	4120.0	6.68	5.17	4.54	4120.0	6.76	4.22	3.31	1650.0	4.84	7.08	8.31
4190.0	4220.0	7.20	5.13	4.35	4220.0	8.35	4.89	3.58	1710.0	5.20	7.70	8.90
4270.0	4300.0	7.97	5.03	4.21	4300.0	9.63	5.52	3.62	1750.0	5.58	7.97	9.04
4370.0	4400.0	9.53	5.59	4.45	4400.0	10.96	7.08	3.96	1810.0	5.91	7.63	8.35

REV. X2

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+9	9	13	21	38	47	41	43	34	---
1	-	36	+0	40	19	30	36	61	39	66	52	61
2	73	53	51	54	48	66	53	62	75	70	74	73
3	>90	63	60	>78	61	>78	66	73	69	>78	71	>78
4	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
5	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
6	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
8	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
9	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
10	---	---	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2512 MHz; -6.00 dBm.
LO IN: 2542 MHz; +13.00 dBm
IF OUT: 30 MHz; -12.41 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	20	25	34	49	53	53	57	48	---
1	-	35	+0	43	19	34	38	68	44	72	59	63
2	53	45	43	57	39	60	45	52	65	65	69	68
3	86	41	37	58	37	58	46	46	50	75	53	76
4	>90	68	67	59	57	54	56	64	57	71	78	71
5	>90	74	60	63	56	74	54	81	63	65	65	>88
6	>90	>88	>88	80	76	73	74	65	71	75	69	79
7	>90	>88	>88	>88	80	83	71	84	63	>88	74	75
8	>90	>88	>88	>88	>88	88	>88	84	>88	74	76	>88
9	>90	>88	>88	>88	>88	>88	>88	>88	86	>88	80	>88
10	---	---	>88	>88	>88	>88	>88	>88	>88	>88	>88	82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2512 MHz; 4.00 dBm.
LO IN: 2542 MHz; +13.00 dBm
IF OUT: 30 MHz; -2.39 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.