

Frequency Mixer

ZX05-ED12902/13

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=+5dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
+7	+10	+13	+7	+10	+13	+7	+10	+13						
670.0	700.0	20.43	11.94	8.06	670.0	700.0	-5.55	1.84	7.06	670.0	700.0	-6.52	-0.72	0.74
770.0	800.0	10.25	7.57	6.62	770.0	800.0	3.04	6.08	12.64	770.0	800.0	1.81	1.85	1.35
870.0	900.0	7.92	6.82	6.25	870.0	900.0	5.37	7.67	9.43	870.0	900.0	2.24	2.01	1.76
970.0	1000.0	8.27	7.34	6.62	970.0	1000.0	6.58	8.45	10.34	970.0	1000.0	1.19	1.29	1.37
1070.0	1100.0	7.33	6.61	6.10	1070.0	1100.0	7.34	9.93	14.19	1070.0	1100.0	1.53	1.45	1.32
1170.0	1200.0	6.68	6.41	6.24	1170.0	1200.0	10.23	10.64	10.57	1170.0	1200.0	1.33	1.06	0.79
1270.0	1300.0	6.65	6.32	6.13	1270.0	1300.0	9.40	13.43	15.81	1270.0	1300.0	0.84	0.68	0.54
1370.0	1400.0	6.40	6.14	6.10	1370.0	1400.0	14.59	14.26	15.09	1370.0	1400.0	0.70	0.45	0.33
1470.0	1500.0	6.26	5.91	5.97	1470.0	1500.0	14.43	11.35	18.29	1470.0	1500.0	0.79	0.63	0.40
1570.0	1600.0	6.49	6.04	5.88	1570.0	1600.0	16.58	15.31	12.61	1570.0	1600.0	0.61	0.50	0.43
1670.0	1700.0	6.63	6.24	6.07	1670.0	1700.0	23.48	16.47	18.00	1670.0	1700.0	0.58	0.40	0.34
1770.0	1800.0	7.02	6.53	6.25	1770.0	1800.0	13.89	20.77	16.49	1770.0	1800.0	0.45	0.36	0.27
1870.0	1900.0	7.14	6.61	6.43	1870.0	1900.0	14.92	16.92	19.23	1870.0	1900.0	0.45	0.31	0.17
1970.0	2000.0	7.06	6.72	6.59	1970.0	2000.0	14.40	22.09	26.71	1970.0	2000.0	0.51	0.22	0.11
2070.0	2100.0	6.93	6.65	6.53	2070.0	2100.0	17.97	22.58	21.81	2070.0	2100.0	0.50	0.21	0.12
2170.0	2200.0	7.15	6.81	6.64	2170.0	2200.0	23.47	19.66	18.80	2170.0	2200.0	0.44	0.23	0.14
2270.0	2300.0	7.23	6.84	6.66	2270.0	2300.0	19.74	18.79	17.66	2270.0	2300.0	0.39	0.26	0.19
2370.0	2400.0	6.76	6.35	6.17	2370.0	2400.0	12.89	14.46	15.74	2370.0	2400.0	0.63	0.38	0.26
2470.0	2500.0	7.00	6.52	6.30	2470.0	2500.0	12.57	16.74	20.58	2470.0	2500.0	0.58	0.36	0.24
2570.0	2600.0	7.94	6.84	6.28	2570.0	2600.0	12.96	12.91	13.18	2570.0	2600.0	0.61	0.68	0.58
2650.0	2680.0	7.67	7.06	6.59	2650.0	2680.0	11.94	10.89	11.46	2650.0	2680.0	0.69	0.67	0.68
2750.0	2780.0	6.67	6.07	5.69	2750.0	2780.0	7.21	7.46	8.01	2750.0	2780.0	1.10	1.09	1.06
2830.0	2860.0	6.27	5.68	5.32	2830.0	2860.0	5.87	7.64	10.60	2830.0	2860.0	1.30	1.16	1.00
2930.0	2960.0	5.89	5.19	5.02	2930.0	2960.0	7.22	13.90	15.62	2930.0	2960.0	1.22	1.08	0.86
3010.0	3040.0	5.55	5.08	4.98	3010.0	3040.0	12.25	14.53	15.03	3010.0	3040.0	1.28	0.78	0.61
3110.0	3140.0	5.33	5.09	5.04	3110.0	3140.0	14.69	15.88	17.27	3110.0	3140.0	1.12	0.48	0.34
3190.0	3220.0	5.28	5.15	5.16	3190.0	3220.0	16.52	17.22	18.63	3190.0	3220.0	0.98	0.39	0.27
3290.0	3320.0	5.45	5.31	5.32	3290.0	3320.0	17.02	19.43	21.70	3290.0	3320.0	0.86	0.34	0.17
3370.0	3400.0	5.58	5.43	5.43	3370.0	3400.0	17.55	19.83	22.52	3370.0	3400.0	1.13	0.61	0.39
3470.0	3500.0	5.85	5.66	5.60	3470.0	3500.0	17.91	18.96	20.01	3470.0	3500.0	1.12	0.63	0.40
3550.0	3580.0	6.06	5.76	5.69	3550.0	3580.0	17.69	17.19	17.50	3550.0	3580.0	1.05	0.56	0.35
3650.0	3680.0	6.51	6.06	5.89	3650.0	3680.0	18.82	16.37	16.09	3650.0	3680.0	0.91	0.56	0.36
3730.0	3760.0	6.60	6.10	5.97	3730.0	3760.0	15.79	19.68	18.18	3730.0	3760.0	0.80	0.48	0.30
3830.0	3860.0	6.78	6.27	6.10	3830.0	3860.0	15.30	16.55	20.88	3830.0	3860.0	0.91	0.60	0.38
3910.0	3940.0	7.76	6.97	6.54	3910.0	3940.0	20.66	25.87	24.49	3910.0	3940.0	0.55	0.43	0.36
4010.0	4040.0	7.64	6.88	6.61	4010.0	4040.0	11.16	13.45	17.66	4010.0	4040.0	0.70	0.46	0.38
4090.0	4120.0	7.97	6.91	6.60	4090.0	4120.0	15.20	17.10	18.66	4090.0	4120.0	0.55	0.38	0.29
4190.0	4220.0	8.42	7.15	6.73	4190.0	4220.0	14.54	22.15	19.78	4190.0	4220.0	0.58	0.43	0.29
4270.0	4300.0	9.09	7.21	6.74	4270.0	4300.0	12.30	22.13	19.63	4270.0	4300.0	0.41	0.47	0.33
4370.0	4400.0	11.35	7.78	6.95	4370.0	4400.0	9.66	14.22	16.00	4370.0	4400.0	-0.39	0.71	0.54

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Frequency Mixer

ZX05-ED12902/13

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)
		+10			+10			+10
1412.0	1100.0	11.48	10.1	824.0	7.33	1350.1	2860.0	10.66
1337.2	1174.8	10.03	50.1	864.0	6.92	1310.1	2900.0	10.09
1262.5	1249.5	8.13	90.1	904.0	6.83	1270.1	2940.0	9.51
1187.7	1324.3	7.38	130.1	944.0	6.87	1230.1	2980.0	9.17
1112.9	1399.1	7.87	170.1	984.0	6.83	1190.1	3020.0	9.43
1038.1	1473.9	8.64	210.1	1024.0	6.96	1150.1	3060.0	9.13
963.4	1548.6	8.81	250.1	1064.0	6.92	1110.1	3100.0	9.02
888.6	1623.4	9.70	290.1	1104.0	6.62	1070.1	3140.0	8.71
813.8	1698.2	9.97	330.1	1144.0	6.49	1030.1	3180.0	8.66
739.0	1773.0	9.04	370.1	1184.0	6.79	990.1	3220.0	8.64
664.3	1847.7	7.93	410.1	1224.0	6.78	950.1	3260.0	8.35
589.5	1922.5	7.30	450.1	1264.0	6.48	910.1	3300.0	8.29
514.7	1997.3	6.91	490.1	1304.0	6.26	870.1	3340.0	8.22
439.9	2072.1	6.49	530.1	1344.0	6.26	830.1	3380.0	8.35
365.2	2146.8	6.16	570.1	1384.0	6.54	790.1	3420.0	8.33
290.4	2221.6	5.86	610.1	1424.0	6.66	750.1	3460.0	8.25
215.6	2296.4	5.55	650.1	1464.0	6.74	710.1	3500.0	8.37
140.9	2371.1	5.69	690.1	1504.0	6.81	670.1	3540.0	8.41
66.1	2445.9	6.34	730.1	1544.0	6.91	630.1	3580.0	8.54
10.0	2522.0	6.80	770.1	1584.0	7.12	610.1	3600.0	8.61
95.2	2607.2	6.94	810.1	1624.0	7.35	570.1	3640.0	8.78
180.5	2692.5	7.80	850.1	1664.0	7.36	550.1	3660.0	8.72
265.7	2777.7	8.20	890.1	1704.0	7.60	510.1	3700.0	8.58
350.9	2862.9	7.73	930.1	1744.0	7.69	490.1	3720.0	8.50
436.1	2948.1	7.17	970.1	1784.0	7.78	450.1	3760.0	8.30
521.4	3033.4	7.09	1010.1	1824.0	7.90	430.1	3780.0	8.36
606.6	3118.6	7.06	1050.1	1864.0	7.95	390.1	3820.0	8.23
691.8	3203.8	6.94	1090.1	1904.0	8.30	370.1	3840.0	8.10
777.0	3289.0	6.73	1130.1	1944.0	8.23	330.1	3880.0	7.89
862.3	3374.3	6.87	1170.1	1984.0	8.20	310.1	3900.0	7.67
947.5	3459.5	6.82	1210.1	2024.0	8.33	270.1	3940.0	7.51
1011.4	3523.4	6.97	1250.1	2064.0	8.41	250.1	3960.0	7.32
1096.6	3608.6	7.18	1290.1	2104.0	8.58	210.1	4000.0	7.03
1160.6	3672.6	7.31	1330.1	2144.0	8.76	190.1	4020.0	6.94
1245.8	3757.8	7.64	1370.1	2184.0	9.05	150.1	4060.0	6.81
1309.7	3821.7	7.82	1410.1	2224.0	9.36	130.1	4080.0	6.84
1394.9	3906.9	8.37	1450.1	2264.0	9.22	90.1	4120.0	6.93
1458.9	3970.9	8.98	1490.1	2304.0	9.56	70.1	4140.0	6.95
1544.1	4056.1	10.19	1530.1	2344.0	9.79	30.1	4180.0	6.99
1608.0	4120.0	11.34	1590.1	2404.0	10.52	10.1	4200.0	7.20

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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)		
	+7	+10	+13	+7	+10	+13
700.0	58.76	60.28	50.62	25.77	25.84	26.01
800.0	51.75	42.46	40.38	23.15	23.86	25.93
900.0	37.67	37.10	37.19	22.24	24.66	27.32
1000.0	38.66	38.88	39.19	23.49	26.14	28.54
1100.0	41.39	41.98	42.28	25.00	27.63	30.04
1200.0	38.48	38.59	38.53	26.94	29.63	31.35
1300.0	37.04	35.98	35.51	29.25	31.91	32.89
1400.0	35.87	34.32	33.00	31.01	34.10	36.06
1500.0	34.54	32.74	31.02	31.05	34.32	37.34
1600.0	33.80	32.11	31.03	26.48	27.64	28.71
1700.0	34.69	33.12	32.30	23.98	24.91	25.04
1800.0	35.09	35.02	34.71	19.74	20.74	20.87
1900.0	34.61	34.40	33.62	15.29	16.35	16.74
2000.0	35.04	34.59	33.95	11.50	12.82	13.65
2100.0	35.28	34.57	33.86	9.98	11.53	12.75
2200.0	36.61	35.55	34.66	10.21	11.87	13.36
2300.0	37.07	35.41	34.06	11.15	12.91	14.59
2400.0	35.34	33.33	31.83	12.39	14.16	15.93
2500.0	35.28	33.61	32.50	13.64	15.41	17.20
2600.0	35.43	34.04	32.95	14.95	16.60	18.11
2680.0	31.64	29.05	28.12	16.23	17.80	19.12
2780.0	32.64	30.06	27.85	17.45	18.46	18.99
2860.0	31.31	28.32	26.27	18.87	19.40	19.69
2960.0	34.87	30.49	27.22	20.34	20.32	20.40
3040.0	33.66	29.39	26.53	22.24	21.90	21.24
3140.0	31.08	27.87	25.50	25.91	24.57	23.12
3220.0	30.18	27.67	25.59	28.29	26.30	24.75
3320.0	29.02	26.96	25.68	27.67	25.83	24.73
3400.0	30.22	28.59	27.35	24.99	24.48	23.98
3500.0	29.33	27.80	26.85	23.59	24.17	24.67
3580.0	28.91	27.50	26.62	22.27	22.47	23.00
3680.0	28.13	26.89	26.10	20.09	20.57	21.26
3760.0	27.99	26.96	26.15	18.35	18.97	19.79
3860.0	28.18	27.37	26.35	17.31	18.30	19.28
3940.0	29.01	27.83	26.66	17.59	18.17	19.13
4040.0	31.17	28.92	27.12	18.78	19.09	19.91
4120.0	31.99	30.01	28.15	17.94	17.94	18.66
4220.0	30.54	29.01	27.57	16.08	16.34	17.14
4300.0	31.68	29.64	27.91	15.84	16.11	17.01
4400.0	35.40	32.45	29.60	15.19	15.12	16.05

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
670.0	700.0	28.57	26.83	20.45
770.0	800.0	22.79	17.29	15.50
870.0	900.0	15.09	13.72	13.05
970.0	1000.0	14.06	13.34	12.83
1070.0	1100.0	16.74	15.81	15.29
1170.0	1200.0	19.96	19.34	19.15
1270.0	1300.0	22.98	22.29	21.82
1370.0	1400.0	25.35	25.57	26.10
1470.0	1500.0	26.91	26.53	27.22
1570.0	1600.0	27.55	27.72	27.77
1670.0	1700.0	26.43	26.24	26.37
1770.0	1800.0	26.59	26.92	26.68
1870.0	1900.0	28.72	28.65	28.35
1970.0	2000.0	33.92	33.86	33.87
2070.0	2100.0	40.21	39.43	39.14
2170.0	2200.0	36.77	36.27	36.23
2270.0	2300.0	36.79	36.94	37.10
2370.0	2400.0	37.90	38.08	38.53
2470.0	2500.0	39.77	39.40	39.31
2570.0	2600.0	37.72	37.65	38.36
2650.0	2680.0	36.40	36.72	36.78
2750.0	2780.0	34.61	33.66	32.26
2830.0	2860.0	29.30	29.69	30.26
2930.0	2960.0	28.62	26.50	26.36
3010.0	3040.0	28.93	28.71	29.07
3110.0	3140.0	26.78	26.37	26.55
3190.0	3220.0	26.06	25.14	24.85
3290.0	3320.0	28.30	27.86	28.00
3370.0	3400.0	27.52	25.53	24.33
3470.0	3500.0	20.94	20.16	19.84
3550.0	3580.0	20.96	20.65	20.53
3650.0	3680.0	21.93	21.14	21.03
3730.0	3760.0	22.87	21.63	21.35
3830.0	3860.0	23.30	21.98	21.52
3910.0	3940.0	27.44	25.65	24.31
4010.0	4040.0	30.26	29.98	31.68
4090.0	4120.0	29.00	27.04	25.67
4190.0	4220.0	28.89	24.12	22.10
4270.0	4300.0	30.66	24.91	22.33
4370.0	4400.0	30.93	25.68	24.31

Frequency Mixer

ZX05-ED12902/13

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)			
		+7	+10	+13		+7	+10	+13	+7		+10	+13		
670.0	700.0	8.31	4.68	3.60	700.0	28.96	27.59	19.98	10.0	1.40	1.07	1.31		
770.0	800.0	2.91	2.57	2.39	800.0	18.50	11.31	8.31	50.0	1.39	1.12	1.34		
870.0	900.0	2.06	1.80	1.67	900.0	5.47	4.66	5.02	90.0	1.46	1.17	1.34		
970.0	1000.0	2.38	2.14	1.95	1000.0	2.41	2.79	3.49	130.0	1.56	1.25	1.38		
1070.0	1100.0	2.94	2.68	2.50	1100.0	1.36	1.82	2.44	170.0	1.67	1.31	1.38		
1170.0	1200.0	3.20	3.09	3.02	1200.0	1.22	1.24	1.74	210.0	1.81	1.40	1.42		
1270.0	1300.0	3.37	3.22	3.14	1300.0	1.75	1.11	1.30	250.0	1.97	1.48	1.44		
1370.0	1400.0	3.44	3.13	3.00	1400.0	2.06	1.30	1.22	290.0	2.18	1.60	1.51		
1470.0	1500.0	3.49	3.06	2.72	1500.0	2.23	1.54	1.52	330.0	2.42	1.72	1.57		
1570.0	1600.0	3.52	3.04	2.72	1600.0	2.30	1.84	1.95	370.0	2.74	1.93	1.69		
1670.0	1700.0	3.62	3.16	2.84	1700.0	2.26	2.06	2.34	410.0	3.04	2.11	1.81		
1770.0	1800.0	3.86	3.26	2.83	1800.0	2.07	2.16	2.52	450.0	3.34	2.36	1.98		
1870.0	1900.0	3.88	3.27	3.00	1900.0	1.81	2.03	2.50	490.0	3.73	2.61	2.16		
1970.0	2000.0	3.64	3.30	3.15	2000.0	1.46	1.79	2.36	530.0	4.15	2.88	2.34		
2070.0	2100.0	3.48	3.21	3.05	2100.0	1.16	1.63	2.22	570.0	4.55	3.15	2.55		
2170.0	2200.0	3.63	3.40	3.24	2200.0	1.19	1.57	2.12	610.0	4.86	3.37	2.69		
2270.0	2300.0	3.72	3.44	3.24	2300.0	1.47	1.60	2.05	650.0	5.28	3.71	2.95		
2370.0	2400.0	2.98	2.67	2.49	2400.0	1.82	1.71	1.99	710.0	5.72	3.98	3.16		
2470.0	2500.0	2.94	2.68	2.49	2500.0	2.05	1.78	1.92	750.0	6.03	4.27	3.39		
2570.0	2600.0	3.50	3.11	2.87	2600.0	2.20	1.67	1.69	810.0	6.30	4.46	3.56		
2650.0	2680.0	3.13	2.78	2.49	2680.0	2.22	1.70	1.66	850.0	6.53	4.66	3.73		
2750.0	2780.0	2.54	2.25	1.94	2780.0	2.16	1.46	1.37	910.0	6.78	4.88	3.92		
2830.0	2860.0	2.03	1.66	1.41	2860.0	2.14	1.36	1.16	950.0	6.81	4.89	3.92		
2930.0	2960.0	1.62	1.25	1.16	2960.0	2.19	1.38	1.08	1010.0	7.11	5.14	4.14		
3010.0	3040.0	1.34	1.20	1.18	3040.0	2.27	1.38	1.09	1050.0	7.00	5.07	4.08		
3110.0	3140.0	1.26	1.29	1.34	3140.0	2.17	1.32	1.11	1110.0	7.08	5.20	4.27		
3190.0	3220.0	1.25	1.32	1.41	3220.0	2.06	1.26	1.15	1150.0	6.81	4.98	4.11		
3290.0	3320.0	1.26	1.30	1.38	3320.0	1.86	1.17	1.22	1210.0	6.81	5.07	4.34		
3370.0	3400.0	1.31	1.25	1.24	3400.0	1.75	1.10	1.30	1250.0	6.51	4.88	4.25		
3470.0	3500.0	1.51	1.41	1.36	3500.0	1.62	1.11	1.40	1310.0	6.61	5.06	4.51		
3550.0	3580.0	1.79	1.63	1.57	3580.0	1.59	1.21	1.51	1350.0	6.35	5.02	4.67		
3650.0	3680.0	2.27	2.05	1.93	3680.0	1.62	1.38	1.67	1410.0	6.21	5.14	4.99		
3730.0	3760.0	2.50	2.21	2.08	3760.0	1.76	1.55	1.81	1450.0	6.24	5.52	5.58		
3830.0	3860.0	2.57	2.28	2.08	3860.0	2.07	1.78	1.98	1510.0	6.17	5.89	6.19		
3910.0	3940.0	3.20	2.85	2.62	3940.0	2.48	2.08	2.18	1550.0	6.32	6.49	7.02		
4010.0	4040.0	3.42	3.02	2.83	4040.0	3.21	2.47	2.40	1610.0	6.53	7.17	7.90		
4090.0	4120.0	3.66	3.07	2.79	4120.0	4.26	3.05	2.69	1650.0	6.83	7.63	8.43		
4190.0	4220.0	3.88	3.21	2.83	4220.0	5.81	3.77	3.03	1710.0	6.91	7.87	8.68		
4270.0	4300.0	4.08	3.19	2.77	4300.0	7.66	4.44	3.18	1750.0	6.94	7.90	8.64		
4370.0	4400.0	4.96	3.43	2.97	4400.0	10.82	6.13	3.69	1810.0	6.56	7.25	7.76		

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	+11	9	9	21	28	34	42	50	32	---
1	-	33	+0	39	18	33	31	57	44	64	53	62
2	81	50	53	50	51	56	54	58	>73	69	>73	>73
3	>90	66	60	>73	56	>73	63	70	63	>73	69	>73
4	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
5	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
6	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
7	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
8	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
9	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
10	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 2512 MHz; -10.00 dBm.
LO IN: 2542 MHz; +10.00 dBm
IF OUT: 30 MHz; -16.82 dBm

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	+0	19	20	34	41	48	53	58	42	---
1	-	34	+0	41	18	38	35	66	47	67	60	65
2	61	43	45	50	41	54	41	51	57	63	73	74
3	>90	46	44	78	42	56	51	51	47	70	53	77
4	>90	66	66	61	63	56	67	63	66	67	77	71
5	>90	74	61	80	58	76	53	75	62	68	64	>83
6	>90	>83	>83	>83	73	79	79	80	71	>83	71	80
7	>90	>83	>83	>83	>83	80	81	>83	74	80	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	82	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	---	---	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 2512 MHz; 0.00 dBm.
LO IN: 2542 MHz; +10.00 dBm
IF OUT: 30 MHz; -6.73 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.