

Frequency Mixer

ZX05-ED12902/15

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=+14dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
+14	+17	+20	+14	+17	+20	+14	+17	+20						
2060.0	2090.0	19.67	11.38	8.26	2060.0	2090.0	4.02	11.59	18.94	2060.0	2090.0	-6.44	-0.50	1.00
2220.0	2250.0	10.82	8.31	6.88	2220.0	2250.0	14.50	20.21	24.59	2220.0	2250.0	0.02	1.33	1.37
2380.0	2410.0	8.36	7.28	6.71	2380.0	2410.0	22.54	23.77	24.74	2380.0	2410.0	1.48	1.43	1.22
2540.0	2570.0	7.48	6.90	6.66	2540.0	2570.0	26.23	22.59	22.48	2540.0	2570.0	1.36	1.00	0.89
2700.0	2730.0	7.60	6.93	6.62	2700.0	2730.0	22.51	23.08	23.01	2700.0	2730.0	0.77	0.55	0.61
2860.0	2890.0	7.29	6.86	6.63	2860.0	2890.0	24.76	25.52	28.95	2860.0	2890.0	0.79	0.57	0.49
3020.0	3050.0	7.45	6.73	6.40	3020.0	3050.0	25.08	27.75	31.92	3020.0	3050.0	0.65	0.50	0.49
3180.0	3210.0	7.37	6.81	6.47	3180.0	3210.0	25.79	29.00	36.76	3180.0	3210.0	0.50	0.36	0.34
3340.0	3370.0	7.17	6.59	6.23	3340.0	3370.0	22.80	24.94	25.42	3340.0	3370.0	0.54	0.48	0.44
3500.0	3530.0	7.17	6.24	5.95	3500.0	3530.0	21.94	19.98	24.19	3500.0	3530.0	0.76	0.71	0.34
3660.0	3690.0	6.59	6.07	5.88	3660.0	3690.0	19.49	23.24	27.44	3660.0	3690.0	1.34	0.54	0.23
3820.0	3850.0	6.30	5.99	5.89	3820.0	3850.0	21.87	25.41	29.87	3820.0	3850.0	1.58	0.47	0.20
3980.0	4010.0	6.29	6.02	5.95	3980.0	4010.0	23.64	29.24	30.97	3980.0	4010.0	1.39	0.38	0.17
4140.0	4170.0	6.43	6.08	5.97	4140.0	4170.0	21.30	22.51	24.25	4140.0	4170.0	1.27	0.47	0.23
4300.0	4330.0	6.75	6.27	6.02	4300.0	4330.0	25.15	23.89	23.29	4300.0	4330.0	1.03	0.58	0.44
4460.0	4490.0	6.31	5.91	5.71	4460.0	4490.0	24.10	26.57	27.07	4460.0	4490.0	0.97	0.50	0.34
4620.0	4650.0	6.27	5.94	5.78	4620.0	4650.0	23.05	26.19	28.13	4620.0	4650.0	1.28	0.61	0.31
4780.0	4810.0	7.02	6.38	6.10	4780.0	4810.0	23.55	24.06	24.81	4780.0	4810.0	1.34	0.90	0.56
4940.0	4970.0	8.43	7.23	6.61	4940.0	4970.0	23.63	27.58	25.29	4940.0	4970.0	0.75	0.80	0.61
5100.0	5130.0	8.47	7.32	6.73	5100.0	5130.0	25.16	24.81	25.40	5100.0	5130.0	0.32	0.62	0.56
5260.0	5290.0	8.31	7.08	6.43	5260.0	5290.0	22.49	23.20	23.19	5260.0	5290.0	0.49	0.63	0.70
5420.0	5450.0	8.22	7.00	6.32	5420.0	5450.0	21.36	22.22	22.25	5420.0	5450.0	0.61	0.44	0.59
5580.0	5610.0	7.70	6.62	5.96	5580.0	5610.0	20.97	21.60	21.53	5580.0	5610.0	0.99	0.57	0.69
5740.0	5770.0	7.72	6.66	6.03	5740.0	5770.0	20.49	21.95	21.01	5740.0	5770.0	1.03	0.53	0.58
5900.0	5930.0	7.38	6.48	6.05	5900.0	5930.0	21.78	24.50	21.59	5900.0	5930.0	1.10	0.63	0.59
6060.0	6090.0	7.30	6.33	5.87	6060.0	6090.0	20.93	23.88	23.01	6060.0	6090.0	0.73	0.52	0.60
6220.0	6250.0	7.32	6.28	5.94	6220.0	6250.0	19.91	23.97	24.88	6220.0	6250.0	1.00	0.59	0.61
6380.0	6410.0	7.26	6.42	6.11	6380.0	6410.0	21.04	25.63	26.65	6380.0	6410.0	0.80	0.45	0.47
6540.0	6570.0	7.13	6.37	6.13	6540.0	6570.0	21.47	25.96	26.32	6540.0	6570.0	0.87	0.56	0.61
6700.0	6730.0	6.91	6.35	6.21	6700.0	6730.0	22.58	26.12	25.80	6700.0	6730.0	0.81	0.53	0.58
6860.0	6890.0	6.63	6.15	6.07	6860.0	6890.0	22.57	24.55	24.69	6860.0	6890.0	1.12	0.59	0.58
7020.0	7050.0	6.75	6.19	6.04	7020.0	7050.0	21.70	22.43	23.17	7020.0	7050.0	1.04	0.61	0.52
7180.0	7210.0	6.98	6.19	5.93	7180.0	7210.0	21.11	23.53	23.24	7180.0	7210.0	1.14	0.57	0.46
7340.0	7370.0	7.37	6.21	5.90	7340.0	7370.0	22.57	25.89	26.53	7340.0	7370.0	1.08	0.66	0.50
7500.0	7530.0	9.70	7.54	6.70	7500.0	7530.0	20.57	25.64	25.02	7500.0	7530.0	0.23	0.69	0.82
7640.0	7670.0	10.42	7.56	6.68	7640.0	7670.0	16.91	20.65	22.05	7640.0	7670.0	0.08	1.07	1.38
7800.0	7830.0	11.08	7.92	6.57	7800.0	7830.0	17.13	18.41	20.48	7800.0	7830.0	0.27	1.10	1.62
7940.0	7970.0	12.23	8.53	7.07	7940.0	7970.0	17.61	18.01	20.20	7940.0	7970.0	0.08	1.33	1.45
8100.0	8130.0	13.34	8.54	7.51	8100.0	8130.0	15.53	18.00	18.03	8100.0	8130.0	0.01	2.32	1.78
8240.0	8270.0	14.34	9.34	8.86	8240.0	8270.0	15.14	15.45	14.79	8240.0	8270.0	0.60	3.17	1.83

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Frequency Mixer

ZX05-ED12902/15

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4950MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2289.8999MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=7610.1001MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+17			+17			+17
8950.0	4000.0	10.36	10.1	2300.0	8.15	1850.1	5760.0	9.19
8983.6	4033.6	9.97	110.1	2400.0	7.05	1810.1	5800.0	9.09
9050.7	4100.7	9.51	210.1	2500.0	7.09	1770.1	5840.0	8.98
9084.3	4134.3	9.00	310.1	2600.0	6.92	1730.1	5880.0	8.78
9151.4	4201.4	8.25	410.1	2700.0	6.57	1690.1	5920.0	8.77
9185.0	4235.0	7.67	510.1	2800.0	6.55	1650.1	5960.0	8.62
9252.1	4302.1	7.13	610.1	2900.0	6.38	1610.1	6000.0	8.49
9285.7	4335.7	6.68	710.1	3000.0	6.25	1570.1	6040.0	8.44
9352.9	4402.9	6.26	810.1	3100.0	6.33	1530.1	6080.0	8.23
9386.4	4436.4	5.97	910.1	3200.0	6.54	1490.1	6120.0	8.20
9453.6	4503.6	5.85	1010.1	3300.0	6.96	1450.1	6160.0	8.02
9487.1	4537.1	5.75	1110.1	3400.0	7.26	1410.1	6200.0	7.61
9554.3	4604.3	5.93	1210.1	3500.0	7.20	1370.1	6240.0	7.62
9587.9	4637.9	5.87	1310.1	3600.0	7.00	1310.1	6300.0	7.39
9655.0	4705.0	6.27	1410.1	3700.0	7.05	1270.1	6340.0	7.40
9688.6	4738.6	6.33	1510.1	3800.0	7.41	1210.1	6400.0	7.14
9755.7	4805.7	6.84	1610.1	3900.0	7.41	1170.1	6440.0	7.09
9789.3	4839.3	6.93	1710.1	4000.0	7.15	1110.1	6500.0	6.67
9856.4	4906.4	7.59	1810.1	4100.0	7.02	1070.1	6540.0	6.70
9890.0	4940.0	8.04	1910.1	4200.0	7.10	1010.1	6600.0	6.49
9916.9	4966.9	8.36	2010.1	4300.0	7.33	970.1	6640.0	6.38
9923.8	4973.8	8.42	2110.1	4400.0	7.43	910.1	6700.0	6.18
9937.6	4987.6	8.51	2210.1	4500.0	7.30	870.1	6740.0	6.06
9944.5	4994.5	8.58	2310.1	4600.0	7.38	810.1	6800.0	5.82
9958.3	5008.3	8.78	2410.1	4700.0	7.65	770.1	6840.0	5.70
9965.2	5015.2	8.87	2510.1	4800.0	7.90	710.1	6900.0	5.57
9979.0	5029.0	9.06	2610.1	4900.0	8.13	670.1	6940.0	5.58
9985.9	5035.9	9.17	2710.1	5000.0	8.36	610.1	7000.0	5.68
9999.7	5049.7	9.33	2810.1	5100.0	8.38	570.1	7040.0	5.68
10006.6	5056.6	9.37	2910.1	5200.0	8.12	510.1	7100.0	5.81
10020.3	5070.3	9.42	3010.1	5300.0	7.90	470.1	7140.0	5.81
10027.2	5077.2	9.42	3110.1	5400.0	7.75	410.1	7200.0	6.04
10041.0	5091.0	9.45	3210.1	5500.0	7.46	370.1	7240.0	6.35
10047.9	5097.9	9.51	3310.1	5600.0	7.45	310.1	7300.0	6.87
10061.7	5111.7	9.66	3410.1	5700.0	7.23	270.1	7340.0	7.04
10068.6	5118.6	9.75	3510.1	5800.0	7.16	210.1	7400.0	7.13
10082.4	5132.4	9.84	3630.1	5920.0	7.62	170.1	7440.0	7.11
10089.3	5139.3	9.89	3730.1	6020.0	8.21	110.1	7500.0	7.15
10103.1	5153.1	9.92	3850.1	6140.0	8.82	70.1	7540.0	6.92
10110.0	5160.0	9.86	3950.1	6240.0	9.72	10.1	7600.0	7.68

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Frequency Mixer

ZX05-ED12902/15

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+14	+17	+20	+14	+17	+20
2090.0	38.13	33.05	31.10	15.89	16.65	18.69
2250.0	33.46	32.74	32.75	15.13	17.23	19.68
2410.0	34.84	35.96	36.83	15.48	18.27	21.01
2570.0	37.49	40.24	39.78	16.58	19.98	22.69
2730.0	37.59	36.86	36.99	18.28	21.48	23.42
2890.0	36.66	34.95	32.40	19.66	21.90	23.01
3050.0	35.31	32.77	31.41	20.63	22.82	23.94
3210.0	35.00	32.71	30.83	22.95	24.89	24.39
3370.0	34.80	32.83	30.75	26.06	26.40	24.30
3530.0	35.74	33.97	31.89	29.96	27.30	24.44
3690.0	36.09	33.35	31.55	33.07	28.10	25.15
3850.0	35.12	33.18	32.07	35.46	30.75	28.50
4010.0	35.81	33.67	32.65	34.83	33.62	32.46
4170.0	33.06	32.57	32.25	31.93	33.50	34.87
4330.0	30.74	31.18	30.44	28.89	28.02	27.64
4490.0	29.14	29.50	27.72	23.45	22.55	21.69
4650.0	28.23	28.42	27.40	18.31	18.40	17.99
4810.0	28.88	29.09	28.53	15.55	16.11	16.04
4970.0	28.22	28.21	28.06	14.61	15.38	15.70
5130.0	27.43	27.47	27.34	14.25	15.23	15.85
5290.0	26.80	26.70	26.40	14.49	15.71	16.56
5450.0	26.33	25.91	25.37	15.36	16.66	17.72
5610.0	26.11	25.39	24.65	16.37	17.80	19.13
5770.0	25.57	24.92	23.91	17.36	19.01	20.59
5930.0	24.93	24.28	23.25	18.93	20.59	22.19
6090.0	23.93	23.24	22.09	20.56	22.19	23.69
6250.0	23.42	22.94	21.81	22.71	24.12	25.33
6410.0	22.57	22.24	21.59	25.37	25.62	25.64
6570.0	21.70	21.71	21.48	27.60	25.02	23.76
6730.0	20.99	21.48	21.46	28.49	25.76	24.31
6890.0	19.79	20.70	21.18	28.89	28.14	27.34
7050.0	18.61	19.90	20.48	26.71	27.86	28.46
7210.0	18.29	19.16	19.78	24.21	24.70	24.75
7370.0	18.75	19.98	20.89	21.17	21.14	21.32
7530.0	18.76	19.95	20.21	20.14	18.89	18.29
7670.0	18.50	19.23	19.87	22.09	19.16	18.95
7830.0	19.26	19.92	20.57	21.00	16.24	14.88
7970.0	20.22	20.87	21.27	18.13	14.67	12.58
8130.0	22.02	22.74	22.50	14.55	12.57	10.72
8270.0	23.76	24.31	24.37	11.35	10.35	8.88

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+14	+17	+20
2060.0	2090.0	19.46	15.41	11.93
2220.0	2250.0	17.30	13.32	12.10
2380.0	2410.0	16.42	14.22	13.26
2540.0	2570.0	17.65	16.27	15.49
2700.0	2730.0	18.51	17.39	16.74
2860.0	2890.0	18.95	18.46	18.31
3020.0	3050.0	19.24	19.23	19.63
3180.0	3210.0	19.90	20.16	20.45
3340.0	3370.0	19.83	19.87	20.02
3500.0	3530.0	19.52	19.73	19.53
3660.0	3690.0	19.85	19.84	19.73
3820.0	3850.0	19.89	19.75	19.67
3980.0	4010.0	20.15	20.05	19.99
4140.0	4170.0	20.91	20.87	20.82
4300.0	4330.0	25.11	24.85	24.44
4460.0	4490.0	29.27	28.68	28.35
4620.0	4650.0	35.60	34.75	34.31
4780.0	4810.0	36.15	35.56	35.07
4940.0	4970.0	32.72	32.06	31.56
5100.0	5130.0	29.17	28.79	28.42
5260.0	5290.0	26.91	26.47	26.07
5420.0	5450.0	25.49	24.99	24.61
5580.0	5610.0	24.91	24.35	23.99
5740.0	5770.0	25.02	24.27	23.82
5900.0	5930.0	25.47	24.38	23.61
6060.0	6090.0	26.86	26.14	24.97
6220.0	6250.0	25.60	24.15	23.31
6380.0	6410.0	24.20	22.32	21.40
6540.0	6570.0	26.37	24.95	24.27
6700.0	6730.0	29.49	28.23	27.71
6860.0	6890.0	32.86	31.39	30.42
7020.0	7050.0	36.78	34.07	31.73
7180.0	7210.0	44.12	38.13	35.63
7340.0	7370.0	35.91	37.52	38.85
7500.0	7530.0	27.83	30.42	35.11
7640.0	7670.0	29.46	32.89	31.18
7800.0	7830.0	27.46	29.59	35.38
7940.0	7970.0	25.34	27.27	31.62
8100.0	8130.0	23.34	26.06	26.54
8240.0	8270.0	21.63	24.01	25.89

Frequency Mixer

ZX05-ED12902/15

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=7600MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+14	+17	+20		+14	+17	+20		+14	+17	+20
2060.0	2090.0	6.37	3.20	2.15	2090.0	17.22	10.19	6.03	10.0	2.53	1.45	1.11
2220.0	2250.0	3.64	2.56	2.13	2250.0	9.33	5.12	4.38	110.0	2.57	1.50	1.18
2380.0	2410.0	3.22	2.73	2.49	2410.0	4.60	3.07	3.08	210.0	2.76	1.64	1.30
2540.0	2570.0	3.28	2.94	2.81	2570.0	2.87	2.13	2.43	310.0	2.98	1.83	1.48
2700.0	2730.0	3.40	2.97	2.78	2730.0	2.27	1.77	2.14	410.0	3.24	2.05	1.69
2860.0	2890.0	3.43	3.13	2.87	2890.0	2.20	1.71	1.94	510.0	3.47	2.21	1.85
3020.0	3050.0	3.58	3.14	2.86	3050.0	2.34	1.76	1.95	610.0	3.79	2.41	2.02
3180.0	3210.0	3.34	2.94	2.65	3210.0	2.32	1.85	2.05	710.0	4.15	2.65	2.21
3340.0	3370.0	3.33	2.84	2.44	3370.0	2.45	2.08	2.23	810.0	4.57	2.87	2.38
3500.0	3530.0	2.96	2.31	2.01	3530.0	2.72	2.24	2.32	910.0	5.03	3.14	2.60
3660.0	3690.0	2.42	2.11	1.94	3690.0	2.46	2.04	2.33	1010.0	5.47	3.43	2.82
3820.0	3850.0	2.26	2.03	1.89	3850.0	2.05	1.92	2.33	1110.0	5.95	3.65	2.98
3980.0	4010.0	2.25	2.00	1.87	4010.0	1.67	1.89	2.53	1210.0	6.49	3.94	3.20
4140.0	4170.0	2.40	2.13	1.99	4170.0	1.34	1.83	2.53	1310.0	6.81	4.15	3.36
4300.0	4330.0	3.01	2.66	2.40	4330.0	1.24	1.85	2.58	1410.0	7.00	4.25	3.45
4460.0	4490.0	2.65	2.35	2.12	4490.0	1.36	1.97	2.77	1510.0	7.34	4.45	3.63
4620.0	4650.0	2.32	2.07	1.91	4650.0	1.55	2.00	2.66	1610.0	7.47	4.52	3.67
4780.0	4810.0	2.77	2.45	2.27	4810.0	1.96	2.23	2.79	1710.0	7.73	4.59	3.70
4940.0	4970.0	3.69	3.20	2.89	4970.0	2.29	2.36	2.82	1810.0	7.97	4.68	3.76
5100.0	5130.0	3.83	3.30	2.97	5130.0	2.82	2.63	2.86	1910.0	8.23	4.70	3.76
5260.0	5290.0	3.89	3.31	2.87	5290.0	3.47	2.94	3.00	1990.0	8.55	4.79	3.81
5420.0	5450.0	3.63	3.10	2.66	5450.0	4.02	3.05	2.85	2090.0	8.51	4.77	3.80
5580.0	5610.0	3.52	3.00	2.54	5610.0	4.66	3.25	2.88	2170.0	8.16	4.64	3.73
5740.0	5770.0	3.31	2.84	2.40	5770.0	5.02	3.13	2.58	2270.0	7.94	4.54	3.70
5900.0	5930.0	3.07	2.61	2.26	5930.0	4.84	2.85	2.23	2350.0	7.47	4.33	3.54
6060.0	6090.0	3.09	2.63	2.25	6090.0	4.07	2.36	1.79	2450.0	7.08	4.20	3.47
6220.0	6250.0	2.94	2.48	2.21	6250.0	3.56	1.97	1.38	2530.0	6.58	4.09	3.42
6380.0	6410.0	2.75	2.36	2.15	6410.0	2.64	1.54	1.05	2630.0	6.17	3.92	3.31
6540.0	6570.0	2.71	2.31	2.11	6570.0	2.07	1.24	1.22	2710.0	5.93	3.81	3.24
6700.0	6730.0	2.45	2.13	1.98	6730.0	1.58	1.04	1.48	2810.0	5.54	3.62	3.13
6860.0	6890.0	2.38	2.07	1.90	6890.0	1.43	1.29	1.74	2890.0	5.34	3.48	3.04
7020.0	7050.0	2.48	2.13	1.90	7050.0	1.81	1.72	2.06	2990.0	4.77	3.26	2.90
7180.0	7210.0	2.38	1.96	1.69	7210.0	2.46	2.25	2.45	3070.0	4.59	3.22	2.94
7340.0	7370.0	2.29	1.84	1.57	7370.0	3.19	2.72	2.81	3170.0	4.19	3.10	2.92
7500.0	7530.0	2.97	2.42	2.10	7530.0	4.21	3.22	3.01	3250.0	3.95	3.08	3.01
7640.0	7670.0	3.18	2.44	2.13	7670.0	5.14	3.79	3.32	3350.0	3.62	3.05	3.12
7800.0	7830.0	3.30	2.52	2.07	7830.0	5.52	4.24	3.48	3430.0	3.09	2.95	3.14
7940.0	7970.0	3.35	2.55	2.10	7970.0	5.58	4.38	3.58	3530.0	2.80	3.11	3.47
8100.0	8130.0	3.65	2.59	2.27	8130.0	5.27	4.20	3.56	3610.0	2.60	3.28	3.79
8240.0	8270.0	3.85	2.81	2.47	8270.0	4.80	3.97	3.39	3710.0	2.59	3.76	4.45

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+10	14	32	26	---	---	---	---	---	---
1	-	24	+0	37	17	31	46	---	---	---	---	---
2	65	54	48	60	49	51	70	72	---	---	---	---
3	>90	66	59	>82	60	82	60	72	77	---	---	---
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	---	---
5	---	---	>82	>82	>82	>82	>82	>82	>82	>82	>82	---
6	---	---	---	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	---	---	---	---	>82	>82	>82	>82	>82	>82	>82	>82
8	---	---	---	---	---	>82	>82	>82	>82	>82	>82	>82
9	---	---	---	---	---	---	>82	>82	>82	>82	>82	>82
10	---	---	---	---	---	---	---	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 4950 MHz; -1.00 dBm.
LO IN: 4980 MHz; +17.00 dBm
IF OUT: 30 MHz; -8.24 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	23	38	40	---	---	---	---	---	---
1	-	24	+0	38	17	33	51	---	---	---	---	---
2	45	46	39	43	40	43	54	62	---	---	---	---
3	64	44	37	65	41	60	43	50	60	---	---	---
4	78	64	65	52	64	53	70	59	64	75	---	---
5	---	---	70	69	56	85	54	88	59	66	77	---
6	---	---	---	79	75	66	>92	62	85	67	81	89
7	---	---	---	---	>92	82	70	92	68	90	75	78
8	---	---	---	---	---	>92	87	76	>92	75	>92	80
9	---	---	---	---	---	---	>92	>92	83	>92	82	>92
10	---	---	---	---	---	---	---	>92	>92	87	>92	83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 4950 MHz; 9.00 dBm.
LO IN: 4980 MHz; +17.00 dBm
IF OUT: 30 MHz; 1.65 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.