

Frequency Mixer

ZX05-ED12902/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+4	+7	+10
2700.0	2730.0	20.09	15.63	10.70
3025.0	3055.0	14.68	9.60	7.03
3350.0	3380.0	9.08	7.29	6.74
3675.0	3705.0	7.62	7.11	6.85
4000.0	4030.0	6.93	6.65	6.51
4325.0	4355.0	6.84	6.55	6.40
4650.0	4680.0	6.57	6.36	6.28
4975.0	5005.0	6.66	6.38	6.25
5300.0	5330.0	7.12	6.76	6.54
5625.0	5655.0	6.80	6.45	6.29
5950.0	5980.0	6.41	6.04	5.89
6275.0	6305.0	6.06	5.68	5.52
6600.0	6630.0	6.01	5.60	5.36
6925.0	6955.0	6.07	5.64	5.41
7250.0	7280.0	5.90	5.49	5.29
7575.0	7605.0	6.32	5.88	5.71
7900.0	7930.0	6.31	5.96	5.89
8225.0	8255.0	6.38	6.17	6.17
8525.0	8555.0	6.64	6.38	6.36
8850.0	8880.0	6.97	6.78	6.75
9150.0	9180.0	7.48	7.28	7.27
9475.0	9505.0	8.04	7.71	7.61
9775.0	9805.0	8.68	8.42	8.36
10100.0	10130.0	9.13	8.86	8.78
10400.0	10430.0	9.18	8.93	8.86
10725.0	10755.0	9.45	9.03	8.92
11025.0	11055.0	9.57	9.08	8.93
11350.0	11380.0	9.74	8.84	8.63
11650.0	11680.0	10.12	8.64	8.37
11975.0	12005.0	11.55	9.21	8.87
12275.0	12305.0	12.95	9.49	8.96
12600.0	12630.0	15.88	9.63	8.69
12900.0	12930.0	14.11	8.86	8.09
13225.0	13255.0	10.38	8.14	7.91
13525.0	13555.0	8.63	8.07	8.00
13850.0	13880.0	8.55	8.31	8.27
14150.0	14180.0	8.87	8.63	8.60
14475.0	14505.0	8.72	8.43	8.44
14775.0	14805.0	9.24	8.53	8.55
15100.0	15130.0	11.92	9.88	9.83

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+4	+7	+10
2700.0	2730.0	-8.77	-6.38	-0.84
3025.0	3055.0	-6.03	1.32	8.72
3350.0	3380.0	3.01	7.08	11.77
3675.0	3705.0	6.27	9.71	13.11
4000.0	4030.0	9.21	11.53	14.60
4325.0	4355.0	10.96	11.45	12.02
4650.0	4680.0	13.72	17.04	19.62
4975.0	5005.0	13.15	14.10	15.22
5300.0	5330.0	15.73	16.56	15.17
5625.0	5655.0	11.27	13.58	14.33
5950.0	5980.0	8.78	10.50	12.08
6275.0	6305.0	7.88	8.32	10.18
6600.0	6630.0	7.47	7.66	8.63
6925.0	6955.0	7.07	7.88	8.33
7250.0	7280.0	7.32	8.41	8.95
7575.0	7605.0	9.06	10.78	10.36
7900.0	7930.0	12.14	12.52	10.77
8225.0	8255.0	12.38	12.19	11.03
8525.0	8555.0	14.54	15.29	12.48
8850.0	8880.0	14.87	15.22	16.05
9150.0	9180.0	15.16	15.66	16.22
9475.0	9505.0	15.78	16.77	17.40
9775.0	9805.0	14.48	16.39	17.02
10100.0	10130.0	14.13	16.92	17.12
10400.0	10430.0	14.18	17.08	17.48
10725.0	10755.0	13.65	17.28	17.86
11025.0	11055.0	12.02	15.01	16.28
11350.0	11380.0	11.83	13.24	15.60
11650.0	11680.0	12.72	11.91	14.79
11975.0	12005.0	10.18	12.40	14.42
12275.0	12305.0	6.12	12.56	13.84
12600.0	12630.0	1.03	14.96	12.86
12900.0	12930.0	1.61	15.08	12.13
13225.0	13255.0	13.04	13.55	11.98
13525.0	13555.0	12.59	13.80	11.98
13850.0	13880.0	13.41	13.86	12.12
14150.0	14180.0	13.54	14.52	12.74
14475.0	14505.0	12.19	12.96	10.70
14775.0	14805.0	8.61	12.37	11.25
15100.0	15130.0	8.04	9.22	9.26

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+1dBm (dB)		
		@LO (dBm)		
		+4	+7	+10
2700.0	2730.0	-2.61	-1.03	1.27
3025.0	3055.0	-2.02	1.00	2.09
3350.0	3380.0	1.33	1.54	1.16
3675.0	3705.0	1.33	0.84	0.60
4000.0	4030.0	0.90	0.60	0.45
4325.0	4355.0	0.71	0.51	0.41
4650.0	4680.0	0.50	0.29	0.21
4975.0	5005.0	0.54	0.37	0.25
5300.0	5330.0	0.66	0.50	0.42
5625.0	5655.0	0.76	0.65	0.56
5950.0	5980.0	0.90	0.79	0.72
6275.0	6305.0	1.06	0.90	0.80
6600.0	6630.0	1.16	0.93	0.81
6925.0	6955.0	1.23	0.90	0.76
7250.0	7280.0	1.25	0.95	0.77
7575.0	7605.0	1.07	0.72	0.60
7900.0	7930.0	0.90	0.65	0.61
8225.0	8255.0	0.79	0.65	0.63
8525.0	8555.0	0.62	0.52	0.55
8850.0	8880.0	0.55	0.53	0.59
9150.0	9180.0	0.47	0.47	0.54
9475.0	9505.0	0.40	0.40	0.45
9775.0	9805.0	0.27	0.31	0.38
10100.0	10130.0	0.26	0.27	0.32
10400.0	10430.0	0.22	0.23	0.29
10725.0	10755.0	0.18	0.19	0.24
11025.0	11055.0	0.13	0.17	0.22
11350.0	11380.0	0.12	0.13	0.22
11650.0	11680.0	-0.04	0.11	0.27
11975.0	12005.0	-0.55	0.06	0.24
12275.0	12305.0	-1.30	0.03	0.24
12600.0	12630.0	-3.07	0.02	0.27
12900.0	12930.0	-2.64	0.22	0.44
13225.0	13255.0	-0.09	0.48	0.73
13525.0	13555.0	0.74	0.60	0.88
13850.0	13880.0	0.60	0.59	0.82
14150.0	14180.0	0.50	0.50	0.72
14475.0	14505.0	0.53	0.53	0.80
14775.0	14805.0	0.64	0.54	0.80
15100.0	15130.0	-0.05	0.44	0.58

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=6850MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3690MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=10010.09MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+7			+7			+7
3149.9	3700.1	7.84	10.1	3700.1	7.25	4010.0	6000.1	11.01
2989.9	3860.1	7.68	130.1	3820.1	6.81	3910.0	6100.1	10.60
2829.9	4020.1	7.64	250.1	3940.1	6.59	3810.0	6200.1	10.42
2669.9	4180.1	7.33	370.1	4060.1	6.49	3710.0	6300.1	10.54
2509.9	4340.1	7.27	490.1	4180.1	6.46	3610.0	6400.1	10.78
2349.9	4500.1	7.51	610.1	4300.1	6.50	3510.0	6500.1	10.89
2189.9	4660.1	7.75	730.1	4420.1	6.51	3410.0	6600.1	10.79
2029.9	4820.1	7.76	850.1	4540.1	6.49	3310.0	6700.1	10.67
1869.9	4980.1	7.45	970.1	4660.1	6.58	3210.0	6800.1	10.62
1709.9	5140.1	7.31	1090.1	4780.1	6.72	3110.0	6900.1	10.72
1550.0	5300.0	6.86	1210.1	4900.1	7.05	3010.0	7000.1	10.92
1390.0	5460.0	6.28	1310.1	5000.1	7.32	2910.0	7100.1	11.14
1230.0	5620.0	5.67	1430.1	5120.1	7.84	2810.0	7200.1	11.30
1070.0	5780.0	5.29	1530.1	5220.1	8.10	2710.0	7300.1	11.32
910.0	5940.0	5.11	1650.1	5340.1	8.66	2610.0	7400.1	11.08
750.0	6100.0	5.04	1750.1	5440.1	8.84	2510.0	7500.1	10.90
590.0	6260.0	5.08	1870.1	5560.1	9.10	2410.0	7600.1	10.62
430.0	6420.0	5.21	1970.1	5660.1	9.19	2310.0	7700.1	10.30
270.0	6580.0	5.30	2090.1	5780.1	9.08	2210.0	7800.1	10.08
110.0	6740.0	5.40	2190.1	5880.1	8.95	2110.0	7900.1	10.02
50.0	6900.0	5.58	2310.1	6000.1	9.10	2010.0	8000.1	9.95
210.0	7060.0	5.62	2410.1	6100.1	9.11	1910.0	8100.1	9.93
370.0	7220.0	5.66	2530.1	6220.1	9.31	1810.0	8200.1	9.91
530.0	7380.0	5.71	2630.1	6320.1	9.49	1710.0	8300.1	9.79
690.0	7540.0	5.88	2750.1	6440.1	9.52	1610.0	8400.1	9.75
850.0	7700.0	6.07	2850.1	6540.1	9.64	1510.0	8500.1	9.90
1010.0	7860.0	6.16	2970.1	6660.1	9.70	1410.0	8600.1	9.86
1170.0	8020.0	6.36	3070.1	6760.1	9.72	1310.0	8700.1	9.65
1330.0	8180.0	6.37	3190.1	6880.1	9.63	1210.0	8800.1	9.56
1490.0	8340.0	6.31	3290.1	6980.1	9.47	1110.0	8900.1	9.57
1650.1	8500.1	6.42	3410.1	7100.1	9.16	990.0	9020.1	9.73
1810.1	8660.1	6.26	3510.1	7200.1	9.08	890.0	9120.1	9.64
1970.1	8820.1	6.35	3630.1	7320.1	9.03	770.0	9240.1	9.47
2130.1	8980.1	6.41	3730.1	7420.1	9.10	670.0	9340.1	9.28
2290.1	9140.1	6.56	3850.1	7540.1	9.11	550.0	9460.1	9.15
2470.1	9320.1	6.72	3950.1	7640.1	9.27	450.0	9560.1	9.12
2630.1	9480.1	6.95	4070.1	7760.1	9.46	330.0	9680.1	8.82
2810.1	9660.1	7.16	4170.1	7860.1	9.78	230.0	9780.1	8.77
2970.1	9820.1	7.50	4290.1	7980.1	10.44	110.0	9900.1	8.78
3150.1	10000.1	7.65	4390.1	8080.1	10.97	10.0	10000.1	9.07

Frequency Mixer

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+4	+7	+10	+4	+7	+10
2730.0	41.57	42.34	44.57	23.28	23.49	23.45
3055.0	41.29	45.52	44.37	21.21	21.61	22.06
3380.0	54.98	55.49	49.11	19.50	20.14	21.48
3705.0	49.78	48.21	47.73	18.74	19.70	20.62
4030.0	41.95	41.14	41.05	19.10	19.31	19.46
4355.0	40.14	40.04	39.98	18.23	17.88	17.23
4680.0	41.58	41.12	40.99	16.35	15.31	14.77
5005.0	41.21	41.57	41.47	15.62	14.40	13.65
5330.0	37.45	38.77	39.87	14.81	14.29	13.43
5655.0	35.92	37.25	38.78	14.71	14.55	14.44
5980.0	36.27	37.78	39.33	14.69	15.17	15.70
6305.0	34.92	37.05	39.03	14.83	15.96	16.80
6630.0	35.52	37.47	38.59	14.93	16.45	17.76
6955.0	36.33	37.62	37.86	14.89	16.62	18.35
7280.0	36.62	37.06	35.76	14.38	15.96	17.25
7605.0	38.23	37.98	36.57	14.80	14.92	14.91
7930.0	36.68	34.51	33.32	15.51	13.58	12.59
8255.0	37.74	34.73	32.72	15.83	13.74	12.68
8555.0	37.53	38.33	38.55	17.08	16.34	15.56
8880.0	35.81	34.84	34.01	19.52	19.97	20.15
9180.0	32.77	31.18	30.32	21.87	22.36	22.57
9505.0	30.42	29.23	28.65	21.09	20.98	20.99
9805.0	29.43	28.99	28.78	19.12	19.27	19.33
10130.0	30.35	30.55	30.46	18.84	19.48	19.50
10430.0	33.55	34.18	34.32	21.19	22.14	22.33
10755.0	37.40	37.08	37.09	24.30	25.24	26.05
11055.0	40.57	41.55	42.14	27.67	28.64	29.45
11380.0	37.94	39.10	39.69	32.21	33.22	34.20
11680.0	36.50	36.27	35.53	36.94	37.52	38.24
12005.0	37.60	35.50	33.91	42.78	42.63	43.08
12305.0	38.41	34.74	31.28	48.74	47.04	45.21
12630.0	34.64	32.29	29.24	59.64	54.93	48.11
12930.0	28.78	28.24	27.19	53.01	48.29	44.86
13255.0	24.64	24.75	25.19	44.80	41.32	39.20
13555.0	22.53	23.83	25.25	37.77	36.10	35.17
13880.0	23.48	25.37	27.00	31.64	31.33	30.93
14180.0	27.61	28.30	28.88	26.61	26.66	26.89
14505.0	33.57	31.74	30.57	21.27	22.02	22.56
14805.0	27.17	27.95	28.02	17.26	18.26	18.85
15130.0	17.92	17.48	17.79	15.43	15.90	16.83

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+4	+7	+10
2700.0	2730.0	14.85	15.11	15.82
3025.0	3055.0	17.23	19.59	17.38
3350.0	3380.0	20.96	20.36	19.93
3675.0	3705.0	23.21	23.37	23.11
4000.0	4030.0	21.57	21.01	20.40
4325.0	4355.0	19.36	18.93	18.49
4650.0	4680.0	20.31	19.92	19.50
4975.0	5005.0	22.80	22.09	21.58
5300.0	5330.0	26.18	25.87	25.52
5625.0	5655.0	24.15	23.92	23.75
5950.0	5980.0	24.06	23.85	23.56
6275.0	6305.0	25.17	24.91	24.71
6600.0	6630.0	27.48	27.35	27.10
6925.0	6955.0	33.14	33.12	32.89
7250.0	7280.0	35.28	35.14	35.00
7575.0	7605.0	24.87	24.50	24.41
7900.0	7930.0	21.17	20.77	20.44
8225.0	8255.0	20.96	20.54	20.24
8525.0	8555.0	25.57	24.07	22.63
8850.0	8880.0	30.37	32.02	35.08
9150.0	9180.0	22.29	22.69	23.08
9475.0	9505.0	15.99	15.93	16.02
9775.0	9805.0	15.18	15.13	15.19
10100.0	10130.0	14.97	15.16	15.43
10400.0	10430.0	16.70	17.18	17.57
10725.0	10755.0	18.12	18.80	19.28
11025.0	11055.0	20.79	21.46	21.87
11350.0	11380.0	22.69	23.54	23.95
11650.0	11680.0	23.95	25.08	25.46
11975.0	12005.0	24.70	26.07	26.36
12275.0	12305.0	25.01	26.45	26.88
12600.0	12630.0	24.54	25.56	26.17
12900.0	12930.0	23.67	24.65	25.02
13225.0	13255.0	22.93	23.69	23.90
13525.0	13555.0	22.64	22.92	23.09
13850.0	13880.0	22.60	22.82	23.03
14150.0	14180.0	24.35	24.52	24.70
14475.0	14505.0	28.66	28.68	28.63
14775.0	14805.0	20.07	20.28	20.70
15100.0	15130.0	13.97	14.29	14.59

Frequency Mixer

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Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=10000MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+4	+7	+10		+4	+7	+10		+4	+7	+10
2700.0	2730.0	3.92	3.02	1.99	2730.0	38.61	36.97	35.46	10.0	1.05	1.11	1.23
3025.0	3055.0	4.30	2.81	2.26	3055.0	30.49	27.16	20.45	110.2	1.11	1.15	1.26
3350.0	3380.0	3.71	3.21	3.09	3380.0	17.22	12.44	11.85	210.5	1.20	1.22	1.30
3675.0	3705.0	3.81	3.62	3.53	3705.0	6.68	7.20	8.35	310.7	1.30	1.30	1.36
4000.0	4030.0	3.80	3.60	3.47	4030.0	3.97	5.03	6.24	411.0	1.41	1.39	1.42
4325.0	4355.0	3.73	3.43	3.21	4355.0	2.76	3.57	4.46	511.2	1.52	1.48	1.49
4650.0	4680.0	3.33	3.07	2.88	4680.0	1.88	2.40	3.00	611.4	1.63	1.57	1.56
4975.0	5005.0	3.48	3.14	2.92	5005.0	1.54	1.80	2.21	711.7	1.75	1.66	1.64
5300.0	5330.0	4.31	4.00	3.73	5330.0	1.24	1.57	2.02	811.9	1.86	1.75	1.70
5625.0	5655.0	3.90	3.64	3.44	5655.0	1.42	1.90	2.50	912.2	1.99	1.85	1.77
5950.0	5980.0	3.25	2.92	2.73	5980.0	1.93	2.48	3.19	1012.4	2.10	1.93	1.83
6275.0	6305.0	2.61	2.29	2.09	6305.0	2.56	3.12	3.83	1112.6	2.14	1.95	1.84
6600.0	6630.0	2.25	1.98	1.76	6630.0	3.05	3.48	4.06	1232.9	2.48	2.25	2.10
6925.0	6955.0	1.96	1.76	1.61	6955.0	3.39	3.54	4.02	1333.2	2.51	2.26	2.10
7250.0	7280.0	1.78	1.64	1.55	7280.0	3.72	3.38	3.54	1453.4	2.65	2.36	2.17
7575.0	7605.0	1.92	1.84	1.81	7605.0	3.64	3.01	2.95	1553.7	2.77	2.46	2.25
7900.0	7930.0	2.30	2.26	2.25	7930.0	2.92	2.36	2.24	1674.0	2.94	2.60	2.36
8225.0	8255.0	2.65	2.65	2.67	8255.0	2.20	1.77	1.74	1774.2	3.08	2.71	2.46
8525.0	8555.0	3.27	3.23	3.23	8555.0	1.95	1.72	1.84	1894.5	3.09	2.70	2.44
8850.0	8880.0	4.22	4.14	4.07	8880.0	1.85	1.72	1.94	1994.7	3.12	2.73	2.46
9150.0	9180.0	4.42	4.30	4.22	9180.0	1.89	1.76	1.99	2115.0	3.10	2.69	2.42
9475.0	9505.0	4.09	3.86	3.73	9505.0	1.99	1.85	2.07	2215.3	3.14	2.73	2.44
9775.0	9805.0	4.59	4.42	4.31	9805.0	2.09	1.94	2.17	2335.6	3.22	2.79	2.50
10100.0	10130.0	5.44	5.25	5.06	10130.0	2.27	2.07	2.27	2435.8	3.21	2.79	2.51
10400.0	10430.0	5.49	5.28	5.10	10430.0	2.40	2.20	2.40	2556.1	3.11	2.71	2.45
10725.0	10755.0	4.98	4.64	4.47	10755.0	2.78	2.48	2.64	2656.3	3.06	2.68	2.44
11025.0	11055.0	5.36	5.07	4.88	11055.0	3.82	3.19	3.20	2776.6	3.03	2.67	2.46
11350.0	11380.0	6.86	6.17	5.77	11380.0	6.49	4.64	4.16	2876.8	3.00	2.68	2.48
11650.0	11680.0	6.15	5.31	4.91	11680.0	9.79	6.28	5.04	2997.1	3.05	2.75	2.57
11975.0	12005.0	5.66	4.59	4.23	12005.0	12.89	7.87	5.52	3097.4	2.96	2.69	2.55
12275.0	12305.0	6.94	5.36	4.74	12305.0	13.70	8.68	5.54	3217.7	2.89	2.68	2.58
12600.0	12630.0	7.94	5.63	4.70	12630.0	13.92	9.58	5.63	3317.9	2.84	2.68	2.61
12900.0	12930.0	6.44	4.64	3.92	12930.0	12.61	8.51	5.06	3438.2	2.84	2.74	2.72
13225.0	13255.0	4.61	3.67	3.35	13255.0	9.04	5.77	4.27	3538.4	2.83	2.78	2.79
13525.0	13555.0	4.33	3.86	3.58	13555.0	5.03	4.26	4.22	3658.7	2.83	2.85	2.92
13850.0	13880.0	3.83	3.56	3.30	13880.0	3.17	3.72	4.44	3758.9	2.87	2.95	3.05
14150.0	14180.0	3.17	2.92	2.77	14180.0	2.96	3.74	4.57	3879.2	3.01	3.17	3.32
14475.0	14505.0	3.70	3.42	3.17	14505.0	3.49	3.95	4.55	3979.5	3.12	3.32	3.51
14775.0	14805.0	3.58	3.17	2.78	14805.0	4.37	4.24	4.50	4099.8	3.38	3.67	3.92
15100.0	15130.0	1.82	1.59	1.44	15130.0	4.93	4.35	4.19	4200.0	3.58	3.91	4.18

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+10	31	15	---	---	---	---	---	---	---
1	-	25	+0	47	27	53	---	---	---	---	---	---
2	86	62	47	57	47	68	56	---	---	---	---	---
3	>90	>70	69	>70	57	>70	>70	>70	---	---	---	---
4	---	---	>70	>70	>70	>70	>70	>70	>70	---	---	---
5	---	---	---	>70	>70	>70	>70	>70	>70	>70	---	---
6	---	---	---	---	>70	>70	>70	>70	>70	>70	>70	---
7	---	---	---	---	---	>70	>70	>70	>70	>70	>70	>70
8	---	---	---	---	---	---	>70	>70	>70	>70	>70	>70
9	---	---	---	---	---	---	---	>70	>70	>70	>70	>70
10	---	---	---	---	---	---	---	---	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 6850 MHz; -14.00 dBm.
LO IN: 6880 MHz; +7.00 dBm
IF OUT: 30 MHz; -19.69 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	45	27	---	---	---	---	---	---	---
1	-	25	+0	49	27	58	---	---	---	---	---	---
2	66	53	37	46	40	62	50	---	---	---	---	---
3	>90	63	49	64	36	64	56	75	---	---	---	---
4	---	---	>80	77	61	>80	58	>80	74	---	---	---
5	---	---	---	>80	73	>80	54	>80	69	>80	---	---
6	---	---	---	---	>80	>80	>80	>80	73	>80	74	---
7	---	---	---	---	---	>80	>80	>80	67	>80	80	>80
8	---	---	---	---	---	---	>80	>80	>80	>80	>80	>80
9	---	---	---	---	---	---	---	>80	>80	>80	79	>80
10	---	---	---	---	---	---	---	---	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 6850 MHz; -4.00 dBm.
LO IN: 6880 MHz; +7.00 dBm
IF OUT: 30 MHz; -9.81 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.