

Frequency Mixer

SKY-60+

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
1570.0	1600.0	15.74	10.60	8.11	1570.0	1600.0	-0.04	8.59	9.59	1570.0	1600.0	-2.68	0.24	1.01
1730.5	1760.5	11.92	8.02	6.82	1730.5	1760.5	2.90	8.27	8.17	1730.5	1760.5	-0.61	1.42	1.34
1891.0	1921.0	8.26	6.57	6.09	1891.0	1921.0	8.54	7.97	7.12	1891.0	1921.0	1.51	1.86	1.63
2051.5	2081.5	6.87	6.03	5.75	2051.5	2081.5	8.09	8.45	9.31	2051.5	2081.5	1.96	1.89	1.73
2212.0	2242.0	6.04	5.41	5.22	2212.0	2242.0	9.09	8.50	8.45	2212.0	2242.0	2.10	2.00	1.87
2372.5	2402.5	5.59	5.19	5.02	2372.5	2402.5	10.71	10.54	10.01	2372.5	2402.5	1.93	1.78	1.74
2533.0	2563.0	5.62	5.20	5.01	2533.0	2563.0	10.64	11.86	10.44	2533.0	2563.0	1.81	1.63	1.58
2693.5	2723.5	5.56	5.30	5.16	2693.5	2723.5	11.51	10.89	9.04	2693.5	2723.5	1.67	1.42	1.37
2854.0	2884.0	5.64	5.41	5.32	2854.0	2884.0	11.22	10.67	9.32	2854.0	2884.0	1.48	1.21	1.15
3014.5	3044.5	5.95	5.69	5.57	3014.5	3044.5	9.62	10.42	10.54	3014.5	3044.5	1.32	1.10	1.07
3175.0	3205.0	6.02	5.76	5.63	3175.0	3205.0	7.68	8.13	7.44	3175.0	3205.0	1.16	1.05	1.07
3335.5	3365.5	6.16	5.81	5.61	3335.5	3365.5	9.12	8.12	7.96	3335.5	3365.5	0.89	0.82	0.87
3496.0	3526.0	6.54	6.15	5.88	3496.0	3526.0	9.23	9.03	8.25	3496.0	3526.0	0.72	0.60	0.62
3656.5	3686.5	6.37	6.05	5.86	3656.5	3686.5	8.68	9.74	9.79	3656.5	3686.5	0.74	0.58	0.53
3817.0	3847.0	6.44	6.13	5.93	3817.0	3847.0	9.40	11.08	11.89	3817.0	3847.0	0.60	0.42	0.37
3977.5	4007.5	6.47	6.18	6.00	3977.5	4007.5	12.24	16.10	17.81	3977.5	4007.5	0.64	0.39	0.32
4138.0	4168.0	6.25	6.01	5.90	4138.0	4168.0	10.52	14.76	17.69	4138.0	4168.0	0.73	0.36	0.26
4298.5	4328.5	6.54	6.23	6.08	4298.5	4328.5	9.62	11.93	14.94	4298.5	4328.5	0.62	0.31	0.21
4459.0	4489.0	6.99	6.55	6.31	4459.0	4489.0	10.02	11.13	12.59	4459.0	4489.0	0.66	0.40	0.28
4619.5	4649.5	7.14	6.69	6.41	4619.5	4649.5	9.60	10.17	12.03	4619.5	4649.5	0.54	0.33	0.29
4780.0	4810.0	7.30	6.95	6.69	4780.0	4810.0	9.26	9.95	11.26	4780.0	4810.0	0.41	0.13	0.11
4940.5	4970.5	6.83	6.58	6.46	4940.5	4970.5	9.44	11.94	14.57	4940.5	4970.5	0.76	0.30	0.13
5101.0	5131.0	6.35	6.03	5.97	5101.0	5131.0	9.70	10.68	11.55	5101.0	5131.0	1.16	0.68	0.42
5261.5	5291.5	6.80	6.30	6.18	5261.5	5291.5	8.78	9.54	10.89	5261.5	5291.5	1.90	1.54	1.17
5422.0	5452.0	8.26	7.42	7.00	5422.0	5452.0	12.88	20.11	12.48	5422.0	5452.0	1.28	1.19	1.07
5582.5	5612.5	8.15	7.31	6.88	5582.5	5612.5	8.71	10.11	9.56	5582.5	5612.5	0.97	0.89	0.89
5743.0	5773.0	7.82	6.99	6.62	5743.0	5773.0	6.36	8.03	7.92	5743.0	5773.0	1.15	0.88	0.84
5923.6	5953.6	7.39	6.54	6.25	5923.6	5953.6	5.33	7.42	7.29	5923.6	5953.6	1.30	0.88	0.79
6084.1	6114.1	7.10	6.26	6.02	6084.1	6114.1	5.01	7.36	7.52	6084.1	6114.1	1.46	0.98	0.80
6264.7	6294.7	6.81	6.00	5.79	6264.7	6294.7	5.15	7.71	7.99	6264.7	6294.7	1.30	0.86	0.71
6425.2	6455.2	6.58	5.81	5.65	6425.2	6455.2	6.68	9.23	9.15	6425.2	6455.2	1.28	0.88	0.72
6605.7	6635.7	6.62	5.89	5.70	6605.7	6635.7	7.41	10.27	10.24	6605.7	6635.7	1.29	0.90	0.81
6766.2	6796.2	6.56	6.00	5.82	6766.2	6796.2	7.57	9.48	9.16	6766.2	6796.2	1.12	0.86	0.84
6946.8	6976.8	6.67	6.16	6.02	6946.8	6976.8	8.17	10.74	10.44	6946.8	6976.8	0.93	0.71	0.68
7107.3	7137.3	6.82	6.37	6.27	7107.3	7137.3	10.34	14.04	14.20	7107.3	7137.3	0.78	0.56	0.54
7287.9	7317.9	7.40	7.02	6.91	7287.9	7317.9	9.40	11.05	10.39	7287.9	7317.9	0.71	0.60	0.60
7448.4	7478.4	7.63	7.23	7.16	7448.4	7478.4	10.79	11.90	11.01	7448.4	7478.4	0.56	0.50	0.52
7628.9	7658.9	8.50	8.02	7.86	7628.9	7658.9	12.67	13.99	11.95	7628.9	7658.9	0.47	0.48	0.56
7789.4	7819.4	9.49	9.06	8.91	7789.4	7819.4	12.31	14.16	12.53	7789.4	7819.4	0.46	0.50	0.63
7970.0	8000.0	10.67	10.25	10.14	7970.0	8000.0	11.98	13.96	12.60	7970.0	8000.0	0.39	0.48	0.60

REV. X3

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Frequency Mixer

SKY-60+

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4250MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2489.89MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=6010.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+7			+7			+7
2650.0	1600.0	10.23	10.1	2500.0	5.29	3050.1	2960.0	10.50
2520.8	1729.2	9.10	90.1	2580.0	5.10	2969.6	3040.5	10.07
2391.5	1858.5	8.30	170.1	2660.0	5.08	2889.0	3121.1	9.67
2262.3	1987.7	7.51	250.1	2740.0	5.29	2808.5	3201.6	9.18
2133.1	2116.9	7.24	330.1	2820.0	5.42	2728.0	3282.1	8.72
2003.8	2246.2	6.80	410.1	2900.0	5.50	2647.5	3362.6	8.32
1874.6	2375.4	6.51	490.1	2980.0	5.61	2566.9	3443.2	8.03
1745.4	2504.6	6.34	570.1	3060.0	5.91	2486.4	3523.7	7.64
1616.2	2633.8	6.45	650.1	3140.0	6.08	2405.9	3604.2	7.42
1486.9	2763.1	6.45	730.1	3220.0	6.09	2325.3	3684.8	7.22
1357.7	2892.3	6.60	810.1	3300.0	6.09	2244.8	3765.3	7.01
1228.5	3021.5	6.69	890.1	3380.0	6.09	2164.3	3845.8	6.98
1080.8	3169.2	6.54	970.1	3460.0	6.17	2083.7	3926.4	7.03
951.5	3298.5	6.20	1050.1	3540.0	6.11	2003.2	4006.9	7.06
803.8	3446.2	6.02	1130.1	3620.0	6.08	1922.7	4087.4	7.11
674.6	3575.4	5.96	1210.1	3700.0	5.92	1842.2	4167.9	6.85
526.9	3723.1	6.06	1290.1	3780.0	5.76	1761.6	4248.5	6.68
397.7	3852.3	6.12	1370.1	3860.0	5.75	1681.1	4329.0	6.70
250.0	4000.0	6.21	1450.1	3940.0	5.74	1600.6	4409.5	6.79
120.8	4129.2	6.14	1530.1	4020.0	5.80	1520.0	4490.1	7.04
31.7	4281.7	6.15	1610.1	4100.0	5.71	1439.5	4570.6	7.37
183.4	4433.4	6.32	1690.1	4180.0	5.55	1359.0	4651.1	7.76
356.9	4606.9	6.78	1770.1	4260.0	5.59	1278.4	4731.7	8.09
508.6	4758.6	6.57	1850.1	4340.0	5.40	1197.9	4812.2	8.08
682.0	4932.0	6.22	1930.1	4420.0	5.29	1117.4	4892.7	7.83
833.8	5083.8	6.34	2010.1	4500.0	5.54	1036.9	4973.2	7.58
1007.2	5257.2	6.77	2090.1	4580.0	5.76	956.3	5053.8	7.34
1159.0	5409.0	6.83	2170.1	4660.0	5.76	875.8	5134.3	7.24
1332.4	5582.4	6.83	2250.1	4740.0	5.83	795.3	5214.8	7.33
1484.1	5734.1	6.74	2330.1	4820.0	5.84	714.7	5295.4	7.44
1657.6	5907.6	6.52	2410.1	4900.0	5.82	634.2	5375.9	7.28
1809.3	6059.3	6.38	2490.1	4980.0	5.96	573.8	5436.3	6.96
1982.7	6232.7	6.25	2570.1	5060.0	6.30	493.3	5516.8	6.57
2134.5	6384.5	6.84	2650.1	5140.0	6.55	432.9	5577.2	6.30
2307.9	6557.9	8.05	2730.1	5220.0	6.79	352.4	5657.7	6.28
2459.7	6709.7	8.72	2810.1	5300.0	7.35	292.0	5718.1	6.28
2633.1	6883.1	9.59	2890.1	5380.0	8.05	211.4	5798.7	6.29
2784.8	7034.8	9.89	2970.1	5460.0	8.68	151.0	5859.1	6.38
2958.3	7208.3	9.22	3050.1	5540.0	9.37	70.5	5939.6	6.36
3110.0	7360.0	10.37	3150.1	5640.0	10.50	10.1	6000.0	6.53

Frequency Mixer

SKY-60+

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+4	+7	+10	+4	+7	+10
1600.0	31.14	30.53	28.39	11.34	12.71	14.90
1760.5	31.71	31.24	29.01	11.16	13.34	16.13
1921.0	34.86	32.82	30.63	12.24	15.41	18.77
2081.5	35.22	32.96	31.19	13.74	17.31	20.79
2242.0	32.19	29.91	28.82	14.35	17.15	18.79
2402.5	28.32	27.58	27.17	14.97	16.32	16.45
2563.0	26.63	26.11	25.76	13.85	14.31	14.23
2723.5	24.77	24.34	23.98	12.71	12.94	12.62
2884.0	24.35	24.02	24.01	12.34	12.12	11.89
3044.5	23.42	23.47	23.33	11.92	11.74	11.20
3205.0	23.08	23.08	23.06	11.99	11.57	11.03
3365.5	24.34	24.56	24.78	12.09	11.47	11.04
3526.0	26.43	26.90	27.30	11.96	11.30	10.90
3686.5	27.53	28.32	29.33	12.39	11.51	11.15
3847.0	29.30	29.87	30.90	12.85	11.96	11.60
4007.5	33.53	34.31	35.10	13.55	12.60	12.20
4168.0	35.40	34.77	34.43	14.52	13.65	13.05
4328.5	32.82	31.93	31.23	15.54	14.50	14.00
4489.0	32.50	31.31	30.47	16.87	15.88	15.19
4649.5	32.69	31.10	30.00	18.12	16.98	16.41
4810.0	33.34	31.97	30.68	19.38	18.18	17.61
4970.5	31.69	30.54	29.32	20.99	19.61	18.97
5131.0	29.65	28.76	27.69	22.41	20.90	20.05
5291.5	28.04	27.61	26.84	23.86	22.10	21.24
5452.0	28.97	29.14	28.96	25.07	23.10	22.12
5612.5	29.22	29.35	29.05	26.03	24.00	22.78
5773.0	27.41	27.33	27.08	27.13	24.79	23.40
5953.6	25.07	24.75	24.38	27.67	25.11	23.60
6114.1	22.99	22.71	22.07	27.59	25.04	23.44
6294.7	20.63	20.57	20.07	26.99	24.73	23.29
6455.2	18.82	19.15	18.98	26.29	24.10	22.76
6635.7	16.91	17.43	17.61	25.39	23.45	22.30
6796.2	15.28	15.75	15.97	24.43	22.76	21.70
6976.8	14.11	14.72	14.93	24.25	22.74	21.89
7137.3	13.59	14.64	14.90	24.53	23.57	22.34
7317.9	12.87	14.01	14.55	24.87	24.17	23.32
7478.4	12.85	14.07	15.14	25.68	25.13	24.85
7658.9	12.85	14.27	15.54	26.52	26.57	26.75
7819.4	13.32	14.59	15.92	28.14	28.55	29.16
8000.0	13.70	14.83	15.92	26.22	27.49	28.74

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+4	+7	+10
1570.0	1600.0	15.23	14.47	13.83
1730.5	1760.5	16.96	16.81	15.72
1891.0	1921.0	22.10	21.61	19.67
2051.5	2081.5	23.18	22.78	21.24
2212.0	2242.0	18.78	17.91	17.05
2372.5	2402.5	16.17	15.50	14.92
2533.0	2563.0	14.69	14.30	14.00
2693.5	2723.5	13.28	13.08	12.99
2854.0	2884.0	12.39	12.20	12.12
3014.5	3044.5	11.91	11.87	11.85
3175.0	3205.0	11.79	11.78	11.75
3335.5	3365.5	12.40	12.45	12.46
3496.0	3526.0	11.93	12.20	12.40
3656.5	3686.5	12.34	12.56	12.74
3817.0	3847.0	12.72	12.93	13.11
3977.5	4007.5	13.45	13.65	13.76
4138.0	4168.0	14.52	14.58	14.69
4298.5	4328.5	15.15	15.37	15.52
4459.0	4489.0	15.60	15.81	16.03
4619.5	4649.5	16.27	16.44	16.64
4780.0	4810.0	17.00	17.08	17.21
4940.5	4970.5	18.13	18.21	18.27
5101.0	5131.0	19.26	19.33	19.42
5261.5	5291.5	20.32	20.49	20.61
5422.0	5452.0	20.99	21.07	21.10
5582.5	5612.5	22.50	22.42	22.41
5743.0	5773.0	24.53	24.30	24.02
5923.6	5953.6	26.88	26.37	25.97
6084.1	6114.1	28.51	27.55	26.57
6264.7	6294.7	27.78	26.69	25.62
6425.2	6455.2	24.80	24.39	23.64
6605.7	6635.7	21.47	21.54	21.25
6766.2	6796.2	19.20	19.33	19.39
6946.8	6976.8	17.21	17.53	17.55
7107.3	7137.3	16.32	16.72	16.99
7287.9	7317.9	15.02	15.39	15.65
7448.4	7478.4	14.48	14.81	15.08
7628.9	7658.9	14.27	14.59	14.80
7789.4	7819.4	14.49	14.80	15.00
7970.0	8000.0	14.97	15.22	15.43

Frequency Mixer

SKY-60+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=6000MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+4	+7	+10		+4	+7	+10		+4	+7	+10
1570.0	1600.0	10.31	6.44	4.93	1600.0	23.81	18.11	12.52	10.0	1.21	1.16	1.43
1730.5	1760.5	6.83	4.45	3.74	1760.5	17.93	11.77	9.13	90.5	1.19	1.18	1.45
1891.0	1921.0	3.93	3.10	2.79	1921.0	10.56	7.66	7.50	171.1	1.20	1.18	1.44
2051.5	2081.5	2.95	2.46	2.26	2081.5	7.05	6.09	6.61	251.6	1.21	1.16	1.43
2212.0	2242.0	2.45	2.05	1.82	2242.0	5.46	5.20	5.91	332.1	1.23	1.14	1.40
2372.5	2402.5	2.07	1.81	1.63	2402.5	4.36	4.69	5.59	412.7	1.26	1.10	1.36
2533.0	2563.0	1.91	1.69	1.54	2563.0	3.72	4.21	5.07	493.2	1.32	1.06	1.29
2693.5	2723.5	1.73	1.60	1.52	2723.5	3.12	3.73	4.62	573.8	1.36	1.06	1.26
2854.0	2884.0	1.59	1.48	1.41	2884.0	2.80	3.55	4.51	654.3	1.41	1.08	1.24
3014.5	3044.5	1.56	1.46	1.40	3044.5	2.50	3.30	4.16	734.8	1.47	1.14	1.24
3175.0	3205.0	1.54	1.42	1.35	3205.0	2.40	3.22	4.11	815.4	1.55	1.21	1.23
3335.5	3365.5	1.80	1.59	1.44	3365.5	2.44	3.23	4.08	895.9	1.61	1.27	1.25
3496.0	3526.0	2.12	1.91	1.73	3526.0	2.37	3.11	3.95	976.4	1.68	1.33	1.29
3656.5	3686.5	2.14	1.97	1.83	3686.5	2.44	3.17	3.97	1057.0	1.75	1.40	1.34
3817.0	3847.0	2.17	2.00	1.87	3847.0	2.47	3.20	4.04	1137.5	1.86	1.50	1.40
3977.5	4007.5	2.22	2.06	1.95	4007.5	2.41	3.10	3.90	1218.1	1.99	1.60	1.46
4138.0	4168.0	2.09	1.96	1.88	4168.0	2.64	3.26	4.04	1298.6	2.08	1.66	1.50
4298.5	4328.5	2.19	2.00	1.87	4328.5	2.88	3.48	4.28	1379.1	2.05	1.66	1.48
4459.0	4489.0	2.56	2.28	2.09	4489.0	3.20	3.73	4.47	1459.7	1.96	1.60	1.44
4619.5	4649.5	2.77	2.47	2.26	4649.5	3.53	4.05	4.80	1540.2	1.86	1.52	1.40
4780.0	4810.0	2.83	2.53	2.30	4810.0	3.82	4.31	5.07	1620.7	1.79	1.48	1.38
4940.5	4970.5	2.56	2.25	2.08	4970.5	4.29	4.55	5.23	1701.3	1.72	1.43	1.34
5101.0	5131.0	2.38	2.02	1.81	5131.0	5.02	5.10	5.68	1781.8	1.62	1.35	1.27
5261.5	5291.5	2.46	2.08	1.86	5291.5	5.72	5.51	5.99	1862.3	1.51	1.26	1.22
5422.0	5452.0	3.38	2.97	2.67	5452.0	6.19	5.61	5.95	1942.9	1.40	1.20	1.20
5582.5	5612.5	3.47	3.06	2.73	5612.5	6.73	5.79	5.95	2023.4	1.29	1.14	1.20
5743.0	5773.0	3.28	2.89	2.59	5773.0	7.73	6.01	5.91	2104.0	1.21	1.12	1.22
5923.6	5953.6	3.00	2.59	2.32	5953.6	8.01	5.93	5.66	2164.4	1.18	1.10	1.22
6084.1	6114.1	2.63	2.23	1.99	6114.1	7.97	5.68	5.33	2244.9	1.08	1.13	1.27
6264.7	6294.7	2.30	1.92	1.72	6294.7	7.70	5.39	4.95	2305.3	1.02	1.22	1.39
6425.2	6455.2	1.97	1.61	1.45	6455.2	7.25	4.93	4.43	2385.8	1.08	1.29	1.48
6605.7	6635.7	1.93	1.62	1.45	6635.7	6.19	4.21	3.73	2446.2	1.15	1.38	1.57
6766.2	6796.2	1.98	1.79	1.65	6796.2	5.09	3.58	3.20	2526.8	1.36	1.61	1.84
6946.8	6976.8	1.92	1.83	1.77	6976.8	4.39	2.99	2.59	2587.2	1.52	1.80	2.07
7107.3	7137.3	2.00	1.87	1.77	7137.3	3.90	2.57	2.15	2667.7	1.73	2.04	2.32
7287.9	7317.9	2.36	2.29	2.22	7317.9	3.08	2.05	1.72	2728.1	1.95	2.29	2.61
7448.4	7478.4	2.45	2.36	2.30	7478.4	2.43	1.66	1.43	2808.7	2.29	2.69	3.03
7628.9	7658.9	2.78	2.65	2.56	7658.9	1.81	1.31	1.35	2869.1	2.53	2.92	3.25
7789.4	7819.4	2.81	2.65	2.55	7819.4	1.43	1.22	1.49	2949.6	2.92	3.30	3.61
7970.0	8000.0	2.85	2.67	2.55	8000.0	1.32	1.39	1.70	3010.0	3.42	3.82	4.13

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+13	20	18	35	23	---	---	---	---	---
1	-	9	+0	36	29	31	38	54	---	---	---	---
2	>90	53	58	50	62	58	62	47	58	---	---	---
3	>90	>70	>70	>70	>70	>70	>70	>70	67	>70	---	---
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	---
5	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
6	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70
8	---	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70
9	---	---	---	---	---	>70	>70	>70	>70	>70	>70	>70
10	---	---	---	---	---	---	>70	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 4250 MHz; -14.00 dBm.
 LO IN: 4280 MHz; +7.00 dBm
 IF OUT: 30 MHz; -20.38 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+3	29	30	59	39	---	---	---	---	---
1	-	9	+0	37	30	34	40	54	---	---	---	---
2	75	43	48	40	55	51	58	43	52	---	---	---
3	>90	57	58	57	52	56	58	53	53	>80	---	---
4	>90	57	71	70	75	>80	66	69	75	56	>80	---
5	>90	>80	74	77	>80	75	62	76	72	78	69	77
6	---	---	>80	77	>80	>80	>80	79	78	>80	>80	76
7	---	---	---	>80	>80	>80	>80	>80	79	>80	>80	>80
8	---	---	---	---	>80	>80	>80	>80	>80	>80	>80	>80
9	---	---	---	---	---	>80	>80	>80	>80	>80	>80	>80
10	---	---	---	---	---	---	>80	>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: 4250 MHz; -4.00 dBm.
 LO IN: 4280 MHz; +7.00 dBm
 IF OUT: 30 MHz; -10.48 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.