

Frequency Mixer

SKY-7G

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+4	+7	+10
1500.1	1530.1	10.12	8.16	7.46
1660.1	1690.1	8.95	7.48	6.98
1820.1	1850.1	7.89	7.13	6.78
1980.1	2010.1	7.15	6.60	6.40
2140.1	2170.1	6.61	6.15	5.99
2300.1	2330.1	6.65	6.29	6.15
2460.1	2490.1	6.82	6.54	6.43
2620.1	2650.1	6.82	6.54	6.43
2780.1	2810.1	7.05	6.68	6.51
2940.1	2970.1	7.22	6.74	6.48
3100.1	3130.1	6.96	6.60	6.36
3260.1	3290.1	6.87	6.50	6.28
3420.1	3450.1	6.67	6.31	6.10
3580.1	3610.1	6.36	6.03	5.85
3740.1	3770.1	6.49	6.13	5.94
3900.1	3930.1	6.75	6.29	6.04
4060.1	4090.1	7.81	7.30	6.89
4220.1	4250.1	7.66	7.34	7.04
4380.1	4410.1	7.39	7.21	7.06
4540.1	4570.1	6.80	6.64	6.63
4700.1	4730.1	6.72	6.37	6.35
4860.1	4890.1	7.48	6.97	6.85
5020.1	5050.1	7.93	7.11	6.79
5180.1	5210.1	7.37	6.71	6.48
5340.1	5370.1	7.01	6.50	6.36
5500.1	5530.1	6.83	6.32	6.22
5660.1	5690.1	7.07	6.54	6.34
5820.1	5850.1	6.81	6.33	6.18
5980.1	6010.1	7.04	6.66	6.57
6140.1	6170.1	7.10	6.83	6.76
6300.1	6330.1	7.14	6.87	6.79
6460.1	6490.1	8.18	7.79	7.55
6620.1	6650.1	8.80	8.41	8.15
6780.1	6810.1	9.26	8.91	8.63
6940.1	6970.1	9.45	9.05	8.78
7120.1	7150.1	10.02	9.56	9.27
7280.1	7310.1	10.81	10.20	9.88
7460.1	7490.1	12.01	10.89	10.51
7620.1	7650.1	13.81	11.69	11.18
7800.1	7830.1	15.57	12.21	11.62

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+4	+7	+10
1500.1	1530.1	8.38	10.75	9.60
1660.1	1690.1	11.66	10.77	10.22
1820.1	1850.1	11.50	10.56	10.73
1980.1	2010.1	12.77	13.53	12.18
2140.1	2170.1	11.35	13.27	11.69
2300.1	2330.1	12.93	14.63	13.08
2460.1	2490.1	11.91	10.90	9.90
2620.1	2650.1	10.77	11.34	11.29
2780.1	2810.1	9.44	9.17	9.19
2940.1	2970.1	8.99	8.26	7.95
3100.1	3130.1	7.32	7.31	7.19
3260.1	3290.1	7.49	8.53	9.41
3420.1	3450.1	6.58	7.72	8.80
3580.1	3610.1	6.53	7.93	9.28
3740.1	3770.1	6.92	8.59	10.07
3900.1	3930.1	9.46	12.04	13.89
4060.1	4090.1	8.59	10.73	12.29
4220.1	4250.1	6.15	7.67	9.63
4380.1	4410.1	7.11	10.69	14.48
4540.1	4570.1	7.46	9.99	11.87
4700.1	4730.1	10.31	10.21	11.41
4860.1	4890.1	11.34	14.17	12.96
5020.1	5050.1	8.56	9.00	9.12
5180.1	5210.1	7.26	7.98	8.82
5340.1	5370.1	8.31	8.20	8.82
5500.1	5530.1	9.35	9.52	9.44
5660.1	5690.1	9.28	9.63	9.45
5820.1	5850.1	9.40	10.39	10.78
5980.1	6010.1	12.55	12.93	12.52
6140.1	6170.1	13.76	14.21	13.38
6300.1	6330.1	12.71	14.81	15.96
6460.1	6490.1	14.88	16.67	16.65
6620.1	6650.1	16.77	18.47	17.37
6780.1	6810.1	16.56	18.34	16.46
6940.1	6970.1	15.11	17.85	18.80
7120.1	7150.1	13.48	16.78	19.14
7280.1	7310.1	11.83	16.13	18.58
7460.1	7490.1	9.30	13.71	15.60
7620.1	7650.1	6.41	10.37	13.51
7800.1	7830.1	3.01	8.02	11.03

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+1dBm (dB)		
		@LO (dBm)		
		+4	+7	+10
1500.1	1530.1	1.08	1.45	1.25
1660.1	1690.1	1.27	1.56	1.51
1820.1	1850.1	1.44	1.42	1.41
1980.1	2010.1	1.49	1.42	1.33
2140.1	2170.1	1.52	1.33	1.24
2300.1	2330.1	1.27	1.05	0.99
2460.1	2490.1	1.07	0.89	0.83
2620.1	2650.1	1.02	0.83	0.78
2780.1	2810.1	0.78	0.74	0.75
2940.1	2970.1	0.54	0.54	0.62
3100.1	3130.1	0.62	0.48	0.47
3260.1	3290.1	0.63	0.42	0.39
3420.1	3450.1	0.71	0.39	0.32
3580.1	3610.1	0.74	0.40	0.33
3740.1	3770.1	0.60	0.23	0.16
3900.1	3930.1	0.83	0.45	0.35
4060.1	4090.1	0.36	0.27	0.31
4220.1	4250.1	0.35	0.05	0.06
4380.1	4410.1	0.53	0.10	-0.01
4540.1	4570.1	1.05	0.44	0.24
4700.1	4730.1	1.66	1.04	0.66
4860.1	4890.1	1.70	1.32	0.97
5020.1	5050.1	1.34	1.19	1.05
5180.1	5210.1	1.19	0.97	0.84
5340.1	5370.1	1.03	0.77	0.67
5500.1	5530.1	1.06	0.73	0.61
5660.1	5690.1	0.94	0.74	0.63
5820.1	5850.1	0.93	0.65	0.55
5980.1	6010.1	0.84	0.57	0.48
6140.1	6170.1	0.71	0.53	0.45
6300.1	6330.1	0.81	0.56	0.48
6460.1	6490.1	0.67	0.52	0.50
6620.1	6650.1	0.44	0.37	0.37
6780.1	6810.1	0.40	0.33	0.32
6940.1	6970.1	0.47	0.40	0.38
7120.1	7150.1	0.51	0.39	0.36
7280.1	7310.1	0.44	0.32	0.30
7460.1	7490.1	0.37	0.36	0.32
7620.1	7650.1	-0.22	0.52	0.52
7800.1	7830.1	-0.85	0.94	0.90

REV. X3

SKY-7G

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Frequency Mixer

SKY-7G

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4500MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1990MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=7010.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+7			+7			+7
2399.9	2100.1	11.38	10.1	2000.1	6.87	1810.0	5200.1	10.79
2268.2	2231.8	9.71	70.1	2060.1	6.31	1769.6	5240.5	10.84
2136.4	2363.6	8.37	130.1	2120.1	6.21	1729.1	5281.0	10.72
2004.7	2495.3	7.39	190.1	2180.1	6.19	1688.7	5321.4	10.55
1891.8	2608.2	6.89	250.1	2240.1	6.00	1648.2	5361.9	10.32
1760.1	2739.9	6.49	310.1	2300.1	6.08	1607.8	5402.3	9.99
1647.2	2852.8	6.25	370.1	2360.1	6.08	1567.3	5442.8	9.85
1515.4	2984.6	6.15	430.1	2420.1	6.19	1526.9	5483.2	9.64
1402.5	3097.5	5.95	490.1	2480.1	6.40	1486.4	5523.7	9.53
1270.8	3229.2	6.02	550.1	2540.1	6.75	1446.0	5564.1	9.49
1157.9	3342.1	6.38	610.1	2600.1	6.89	1405.5	5604.6	9.22
1026.2	3473.8	6.61	670.1	2660.1	7.05	1365.1	5645.0	9.35
913.3	3586.7	6.70	730.1	2720.1	6.95	1324.6	5685.5	9.42
781.5	3718.5	6.77	790.1	2780.1	7.22	1284.2	5725.9	9.59
668.6	3831.4	6.76	850.1	2840.1	7.27	1243.7	5766.4	9.74
536.9	3963.1	6.86	910.1	2900.1	7.23	1203.3	5806.8	9.87
424.0	4076.0	6.71	970.1	2960.1	7.39	1162.8	5847.3	9.90
292.3	4207.7	6.48	1030.1	3020.1	7.48	1122.4	5887.7	9.98
179.4	4320.6	6.90	1090.1	3080.1	7.41	1081.9	5928.2	10.00
47.6	4452.4	7.06	1150.1	3140.1	7.43	1021.2	5988.9	10.11
73.5	4573.5	6.35	1210.1	3200.1	7.26	980.8	6029.3	10.08
221.8	4721.8	5.88	1270.1	3260.1	7.05	920.1	6090.0	10.00
348.9	4848.9	6.14	1330.1	3320.1	6.85	879.7	6130.4	9.98
497.2	4997.2	6.62	1390.1	3380.1	6.80	819.0	6191.1	10.17
624.3	5124.3	7.19	1470.1	3460.1	7.00	778.5	6231.6	10.12
772.5	5272.5	7.69	1530.1	3520.1	7.08	717.9	6292.2	10.22
899.6	5399.6	8.18	1610.1	3600.1	7.03	677.4	6332.7	10.13
1047.9	5547.9	7.97	1670.1	3660.1	7.14	616.7	6393.4	10.11
1175.0	5675.0	7.46	1750.1	3740.1	7.13	576.3	6433.8	10.09
1323.3	5823.3	6.87	1810.1	3800.1	6.89	515.6	6494.5	10.01
1450.4	5950.4	6.79	1890.1	3880.1	6.93	475.2	6534.9	9.79
1598.6	6098.6	6.74	1950.1	3940.1	6.99	414.5	6595.6	9.66
1725.7	6225.7	6.96	2030.1	4020.1	7.32	374.0	6636.1	9.52
1874.0	6374.0	8.00	2090.1	4080.1	7.66	313.4	6696.7	9.48
2001.1	6501.1	8.52	2170.1	4160.1	8.22	272.9	6737.2	9.36
2149.4	6649.4	9.36	2230.1	4220.1	8.67	212.2	6797.9	9.23
2276.5	6776.5	9.51	2310.1	4300.1	9.43	171.8	6838.3	9.18
2424.7	6924.7	9.00	2370.1	4360.1	10.25	111.1	6899.0	9.18
2551.8	7051.8	10.03	2450.1	4440.1	10.90	70.7	6939.4	9.08
2700.1	7200.1	12.89	2510.1	4500.1	11.74	10.0	7000.1	9.60

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+4	+7	+10	+4	+7	+10
1530.1	32.46	28.97	27.19	10.70	13.43	16.38
1690.1	39.34	34.62	32.10	11.07	13.74	16.10
1850.1	45.50	45.74	39.57	11.60	13.40	14.40
2010.1	34.08	34.13	34.83	11.66	12.50	12.78
2170.1	31.15	31.06	31.30	11.02	11.51	11.69
2330.1	28.99	28.95	28.84	11.37	11.66	11.46
2490.1	28.15	28.08	28.16	11.85	11.81	11.68
2650.1	27.18	27.36	27.72	12.16	11.86	11.72
2810.1	27.46	27.98	28.11	12.70	12.48	11.92
2970.1	28.27	29.07	29.70	13.45	13.02	12.85
3130.1	29.71	30.91	31.48	14.64	14.27	13.68
3290.1	29.45	30.02	30.51	16.18	15.53	15.10
3450.1	31.69	30.86	30.47	17.94	17.03	16.63
3610.1	33.25	31.11	29.93	19.39	18.35	17.82
3770.1	30.81	29.21	28.23	21.01	19.80	19.10
3930.1	27.69	26.52	25.52	22.39	21.33	20.26
4090.1	29.07	27.59	26.03	23.78	22.59	21.32
4250.1	30.16	28.60	27.09	24.81	23.38	22.05
4410.1	30.36	29.64	28.25	25.62	24.02	22.51
4570.1	28.82	27.88	26.70	26.77	24.39	22.88
4730.1	27.55	26.08	24.53	27.42	24.68	22.92
4890.1	27.92	27.09	26.06	27.63	24.58	22.70
5050.1	29.05	28.42	27.83	28.21	24.37	22.42
5210.1	26.70	26.55	25.98	27.66	23.81	21.60
5370.1	24.02	24.30	23.95	26.51	23.25	20.99
5530.1	22.27	22.91	23.04	26.05	22.35	20.45
5690.1	20.57	21.61	22.44	24.76	21.66	20.05
5850.1	19.04	20.53	21.83	24.38	21.76	20.20
6010.1	18.46	20.06	21.55	24.67	22.70	21.51
6170.1	18.67	20.90	23.06	23.86	23.26	22.77
6330.1	18.19	20.54	22.81	23.89	23.92	23.56
6490.1	18.04	19.89	21.60	24.78	24.91	24.83
6650.1	19.02	20.86	22.46	26.40	26.73	26.66
6810.1	20.41	22.37	24.14	28.64	28.91	28.80
6970.1	21.51	23.16	24.84	31.68	31.43	31.29
7150.1	22.99	24.36	25.71	36.33	35.30	34.55
7310.1	24.57	25.70	26.76	42.31	39.36	37.37
7490.1	26.27	26.77	27.72	44.97	40.76	38.86
7650.1	26.60	27.00	27.93	39.54	37.40	36.42
7830.1	25.40	26.47	28.21	34.06	32.79	32.54

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+4	+7	+10
1500.1	1530.1	16.06	14.09	13.35
1660.1	1690.1	20.82	18.17	17.67
1820.1	1850.1	39.57	32.72	29.82
1980.1	2010.1	26.73	27.45	26.39
2140.1	2170.1	22.11	22.13	22.05
2300.1	2330.1	20.10	19.96	19.66
2460.1	2490.1	18.02	17.65	17.51
2620.1	2650.1	17.29	17.02	16.89
2780.1	2810.1	17.15	16.83	16.51
2940.1	2970.1	18.25	18.07	17.72
3100.1	3130.1	17.98	17.88	17.73
3260.1	3290.1	18.03	18.10	18.15
3420.1	3450.1	18.43	18.43	18.46
3580.1	3610.1	19.11	19.15	19.09
3740.1	3770.1	19.87	20.00	20.15
3900.1	3930.1	20.34	20.53	20.74
4060.1	4090.1	20.84	20.77	20.86
4220.1	4250.1	21.25	21.19	21.05
4380.1	4410.1	22.55	22.32	22.14
4540.1	4570.1	24.23	23.95	23.67
4700.1	4730.1	25.39	25.28	25.08
4860.1	4890.1	25.89	25.45	25.24
5020.1	5050.1	28.40	27.62	27.13
5180.1	5210.1	29.90	28.80	28.05
5340.1	5370.1	28.46	27.47	26.87
5500.1	5530.1	26.28	25.86	25.60
5660.1	5690.1	23.88	24.09	24.12
5820.1	5850.1	22.01	22.31	22.51
5980.1	6010.1	21.03	21.48	21.80
6140.1	6170.1	19.61	20.02	20.29
6300.1	6330.1	18.94	19.24	19.59
6460.1	6490.1	18.03	18.18	18.42
6620.1	6650.1	17.51	17.71	17.90
6780.1	6810.1	17.16	17.31	17.47
6940.1	6970.1	17.12	17.28	17.18
7120.1	7150.1	17.31	17.49	17.62
7280.1	7310.1	17.79	17.96	18.00
7460.1	7490.1	18.26	18.53	18.62
7620.1	7650.1	19.14	19.24	19.24
7800.1	7830.1	19.77	19.04	18.72

Frequency Mixer

SKY-7G

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=7000MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+4	+7	+10		+4	+7	+10		+4	+7	+10
1500.1	1530.1	4.70	3.67	3.21	1530.1	8.60	6.26	5.52	10.0	1.14	1.34	1.50
1660.1	1690.1	4.33	3.45	3.04	1690.4	6.24	4.73	4.64	70.3	1.15	1.34	1.49
1820.1	1850.1	3.95	3.41	3.06	1850.6	4.59	3.90	4.18	130.6	1.13	1.31	1.47
1980.1	2010.1	3.57	3.16	2.87	2010.9	3.95	3.64	3.97	190.9	1.17	1.34	1.49
2140.1	2170.1	3.43	3.08	2.89	2171.1	3.45	3.21	3.56	231.1	1.15	1.29	1.44
2300.1	2330.1	3.12	2.87	2.71	2331.4	2.88	2.98	3.48	291.4	1.20	1.33	1.47
2460.1	2490.1	2.92	2.74	2.65	2491.6	2.57	2.90	3.48	331.6	1.19	1.30	1.44
2620.1	2650.1	2.77	2.56	2.46	2651.9	2.32	2.75	3.37	391.9	1.23	1.31	1.44
2780.1	2810.1	2.57	2.30	2.11	2812.1	2.27	2.85	3.53	432.1	1.24	1.30	1.41
2940.1	2970.1	2.67	2.36	2.14	2972.4	2.28	2.89	3.64	492.4	1.27	1.30	1.39
3100.1	3130.1	2.61	2.33	2.07	3132.7	2.21	2.90	3.62	532.6	1.29	1.29	1.36
3260.1	3290.1	2.23	2.02	1.85	3292.9	2.35	3.12	3.95	592.9	1.32	1.28	1.35
3420.1	3450.1	2.08	1.88	1.71	3453.2	2.41	3.14	3.93	633.1	1.33	1.27	1.31
3580.1	3610.1	1.92	1.69	1.52	3613.4	2.63	3.33	4.15	693.4	1.39	1.29	1.30
3740.1	3770.1	1.73	1.50	1.34	3773.7	2.72	3.35	4.12	733.6	1.40	1.28	1.27
3900.1	3930.1	1.69	1.51	1.38	3933.9	2.80	3.26	3.90	793.9	1.45	1.30	1.27
4060.1	4090.1	2.01	1.84	1.70	4094.2	3.02	3.39	3.96	834.1	1.46	1.30	1.24
4220.1	4250.1	1.99	1.82	1.68	4254.4	2.96	3.18	3.67	894.4	1.46	1.27	1.18
4380.1	4410.1	1.74	1.58	1.47	4414.7	3.10	3.08	3.43	934.6	1.49	1.28	1.16
4540.1	4570.1	1.69	1.46	1.37	4575.0	3.52	3.29	3.50	994.9	1.50	1.28	1.14
4700.1	4730.1	1.80	1.44	1.27	4735.2	3.80	3.36	3.39	1035.2	1.52	1.29	1.14
4860.1	4890.1	2.20	1.91	1.76	4895.5	4.00	3.35	3.25	1095.5	1.55	1.32	1.17
5020.1	5050.1	2.59	2.27	2.04	5055.7	4.26	3.35	3.09	1135.7	1.56	1.33	1.20
5180.1	5210.1	2.36	2.07	1.89	5216.0	4.22	3.13	2.70	1196.0	1.61	1.41	1.31
5340.1	5370.1	1.96	1.70	1.53	5376.2	4.12	2.91	2.37	1236.2	1.64	1.47	1.40
5500.1	5530.1	1.88	1.58	1.38	5536.5	3.78	2.52	1.92	1296.5	1.65	1.53	1.48
5660.1	5690.1	1.75	1.54	1.38	5696.7	3.27	2.13	1.56	1336.7	1.69	1.59	1.56
5820.1	5850.1	1.66	1.50	1.39	5857.0	2.77	1.83	1.35	1397.0	1.80	1.74	1.73
5980.1	6010.1	1.66	1.55	1.47	6017.3	2.25	1.62	1.42	1437.2	1.85	1.82	1.83
6140.1	6170.1	1.68	1.60	1.53	6177.5	1.82	1.60	1.71	1497.5	2.03	2.03	2.04
6300.1	6330.1	1.83	1.73	1.64	6337.8	1.62	1.75	2.06	1537.7	2.13	2.15	2.18
6460.1	6490.1	2.15	2.07	1.97	6498.0	1.67	2.04	2.48	1598.0	2.26	2.29	2.32
6620.1	6650.1	2.62	2.55	2.46	6658.3	1.83	2.31	2.82	1638.2	2.41	2.46	2.49
6780.1	6810.1	3.07	3.00	2.91	6818.5	2.22	2.80	3.43	1698.5	2.49	2.53	2.55
6940.1	6970.1	3.82	3.73	3.63	6978.8	2.62	3.17	3.80	1738.7	2.65	2.71	2.73
7120.1	7150.1	4.30	4.15	4.01	7139.0	3.34	3.82	4.48	1799.0	2.74	2.77	2.78
7280.1	7310.1	4.18	3.96	3.79	7299.3	4.40	4.68	5.33	1839.2	2.82	2.86	2.87
7460.1	7490.1	4.47	4.09	3.86	7459.6	6.05	5.72	6.15	1899.5	2.91	2.92	2.92
7620.1	7650.1	4.47	3.85	3.57	7619.8	8.64	7.47	7.63	1939.7	2.96	2.98	2.96
7800.1	7830.1	3.80	3.21	3.00	7800.1	11.93	9.53	9.04	2000.0	2.82	2.83	2.81

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+4	16	14	32	26	---	---	---	---	---
1	-	15	+0	32	22	39	38	51	---	---	---	---
2	>90	44	57	43	55	48	55	48	60	---	---	---
3	>90	>69	65	>69	59	>69	63	>69	>69	>69	---	---
4	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	---
5	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
6	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69
8	---	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69
9	---	---	---	---	---	>69	>69	>69	>69	>69	>69	>69
10	---	---	---	---	---	---	>69	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 4500 MHz; -14.00 dBm.
LO IN: 4530 MHz; +7.00 dBm
IF OUT: 30 MHz; -21.04 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	25	26	41	44	---	---	---	---	---
1	-	15	+0	33	24	39	40	56	---	---	---	---
2	75	34	49	34	48	41	48	43	55	---	---	---
3	>90	58	45	57	43	53	46	62	57	77	---	---
4	>90	58	69	62	>79	53	65	56	66	58	>79	---
5	>90	>79	70	>79	73	77	57	70	64	69	76	76
6	---	---	>79	78	>79	>79	>79	66	79	77	>79	78
7	---	---	---	>79	>79	>79	>79	>79	75	>79	>79	>79
8	---	---	---	---	>79	>79	>79	>79	>79	>79	>79	>79
9	---	---	---	---	---	>79	>79	>79	>79	>79	>79	>79
10	---	---	---	---	---	---	>79	>79	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 4500 MHz; -4.00 dBm.
LO IN: 4530 MHz; +7.00 dBm
IF OUT: 30 MHz; -11.13 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.