

Frequency Mixer

SKY-60LH+

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
1750.0	1780.0	17.36	10.69	7.81	1750.0	1780.0	0.93	11.35	12.78	1750.0	1780.0	-4.14	0.19	1.41
1910.0	1940.0	12.45	7.98	6.82	1910.0	1940.0	4.55	12.59	12.17	1910.0	1940.0	-1.00	1.85	1.78
2070.0	2100.0	8.82	6.87	6.48	2070.0	2100.0	13.18	12.34	15.33	2070.0	2100.0	1.32	2.07	1.77
2230.0	2260.0	7.44	6.11	5.82	2230.0	2260.0	16.56	13.22	12.78	2230.0	2260.0	1.86	2.18	2.00
2390.0	2420.0	6.54	5.62	5.31	2390.0	2420.0	17.96	14.84	13.55	2390.0	2420.0	2.13	2.17	2.11
2550.0	2580.0	6.10	5.48	5.22	2550.0	2580.0	12.27	15.90	16.01	2550.0	2580.0	2.11	1.96	1.83
2710.0	2740.0	5.93	5.54	5.36	2710.0	2740.0	13.90	15.55	12.30	2710.0	2740.0	2.17	1.71	1.57
2870.0	2900.0	5.73	5.49	5.41	2870.0	2900.0	14.27	14.06	12.19	2870.0	2900.0	2.05	1.58	1.43
3030.0	3060.0	6.00	5.71	5.61	3030.0	3060.0	12.94	14.01	14.25	3030.0	3060.0	1.83	1.44	1.31
3190.0	3220.0	6.11	5.74	5.59	3190.0	3220.0	10.29	11.08	9.58	3190.0	3220.0	1.59	1.39	1.35
3350.0	3380.0	6.38	5.93	5.68	3350.0	3380.0	12.30	10.83	9.99	3350.0	3380.0	1.07	1.03	1.12
3510.0	3540.0	6.92	6.43	6.05	3510.0	3540.0	12.42	11.69	10.69	3510.0	3540.0	0.54	0.53	0.62
3670.0	3700.0	6.82	6.40	6.09	3670.0	3700.0	11.83	13.44	14.41	3670.0	3700.0	0.75	0.60	0.57
3830.0	3860.0	6.62	6.29	6.02	3830.0	3860.0	12.92	14.71	16.77	3830.0	3860.0	0.72	0.53	0.47
3990.0	4020.0	6.51	6.21	6.00	3990.0	4020.0	16.36	19.77	21.98	3990.0	4020.0	0.88	0.44	0.32
4150.0	4180.0	6.36	6.10	5.94	4150.0	4180.0	13.69	16.23	18.80	4150.0	4180.0	1.04	0.45	0.28
4310.0	4340.0	6.79	6.42	6.23	4310.0	4340.0	12.16	14.04	16.34	4310.0	4340.0	0.81	0.38	0.24
4470.0	4500.0	7.26	6.81	6.50	4470.0	4500.0	13.07	14.22	14.52	4470.0	4500.0	0.71	0.37	0.27
4630.0	4660.0	7.56	7.10	6.70	4630.0	4660.0	11.68	13.35	14.45	4630.0	4660.0	0.57	0.31	0.33
4790.0	4820.0	7.81	7.48	7.13	4790.0	4820.0	10.79	12.88	14.64	4790.0	4820.0	0.34	0.03	0.08
4950.0	4980.0	7.52	7.33	7.12	4950.0	4980.0	12.67	17.36	20.08	4950.0	4980.0	0.48	0.00	-0.12
5110.0	5140.0	6.65	6.48	6.42	5110.0	5140.0	11.51	13.96	15.51	5110.0	5140.0	1.41	0.83	0.53
5270.0	5300.0	6.81	6.59	6.65	5270.0	5300.0	11.60	12.28	13.76	5270.0	5300.0	2.83	2.25	1.64
5430.0	5460.0	8.49	7.83	7.50	5430.0	5460.0	11.15	17.33	19.29	5430.0	5460.0	2.11	1.88	1.52
5590.0	5620.0	8.81	7.87	7.42	5590.0	5620.0	11.27	13.56	13.62	5590.0	5620.0	1.34	1.44	1.30
5750.0	5780.0	8.33	7.49	7.08	5750.0	5780.0	9.25	10.44	11.06	5750.0	5780.0	1.41	1.35	1.28
5910.0	5940.0	7.55	6.88	6.62	5910.0	5940.0	9.19	9.80	10.16	5910.0	5940.0	1.63	1.29	1.17
6070.0	6100.0	7.24	6.60	6.44	6070.0	6100.0	8.89	9.83	10.28	6070.0	6100.0	1.77	1.18	0.95
6230.0	6260.0	6.93	6.31	6.17	6230.0	6260.0	8.62	9.83	9.47	6230.0	6260.0	1.58	1.05	0.78
6390.0	6420.0	6.77	6.18	6.03	6390.0	6420.0	10.77	11.04	11.30	6390.0	6420.0	1.41	0.94	0.76
6550.0	6580.0	7.11	6.46	6.25	6550.0	6580.0	13.25	12.44	11.81	6550.0	6580.0	1.37	1.12	0.96
6710.0	6740.0	6.84	6.22	6.02	6710.0	6740.0	9.49	10.13	9.95	6710.0	6740.0	1.62	1.33	1.21
6870.0	6900.0	6.47	5.98	5.86	6870.0	6900.0	9.56	10.41	10.99	6870.0	6900.0	1.44	1.18	1.12
7030.0	7060.0	6.64	6.10	5.99	7030.0	7060.0	10.76	12.54	13.20	7030.0	7060.0	1.30	0.92	0.84
7190.0	7220.0	6.90	6.45	6.39	7190.0	7220.0	12.09	11.88	9.73	7190.0	7220.0	1.34	1.06	1.00
7350.0	7380.0	6.87	6.54	6.55	7350.0	7380.0	11.90	11.43	9.88	7350.0	7380.0	1.17	1.01	0.90
7510.0	7540.0	7.82	7.27	7.20	7510.0	7540.0	13.55	11.39	9.50	7510.0	7540.0	0.99	0.94	0.96
7670.0	7700.0	8.37	7.86	7.74	7670.0	7700.0	13.95	12.86	9.67	7670.0	7700.0	0.83	0.87	0.97
7830.0	7860.0	9.17	8.77	8.68	7830.0	7860.0	16.54	15.20	10.33	7830.0	7860.0	0.69	0.74	0.91
7970.0	8000.0	10.36	9.95	9.86	7970.0	8000.0	15.61	16.59	9.42	7970.0	8000.0	0.67	0.79	1.06



Frequency Mixer

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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)
		+10			+10			+10
2570.0	1680.0	10.71	10.1	2500.0	5.64	3050.1	2960.0	11.08
2434.2	1815.8	9.29	90.1	2580.0	5.38	2969.6	3040.5	10.75
2298.5	1951.5	8.57	170.1	2660.0	5.26	2889.0	3121.1	10.33
2162.7	2087.3	8.00	250.1	2740.0	5.45	2808.5	3201.6	9.77
2027.0	2223.0	7.56	330.1	2820.0	5.61	2728.0	3282.1	9.23
1891.2	2358.8	7.20	410.1	2900.0	5.63	2647.5	3362.6	8.80
1755.5	2494.5	6.86	490.1	2980.0	5.70	2566.9	3443.2	8.44
1619.7	2630.3	6.67	570.1	3060.0	6.03	2486.4	3523.7	8.02
1483.9	2766.1	6.47	650.1	3140.0	6.26	2405.9	3604.2	7.73
1348.2	2901.8	6.54	730.1	3220.0	6.33	2325.3	3684.8	7.59
1212.4	3037.6	6.67	810.1	3300.0	6.33	2244.8	3765.3	7.46
1076.7	3173.3	6.53	890.1	3380.0	6.32	2164.3	3845.8	7.42
940.9	3309.1	6.23	970.1	3460.0	6.32	2083.7	3926.4	7.42
805.2	3444.8	6.00	1050.1	3540.0	6.26	2003.2	4006.9	7.38
669.4	3580.6	5.96	1130.1	3620.0	6.27	1922.7	4087.4	7.37
533.6	3716.4	6.03	1210.1	3700.0	6.15	1842.2	4167.9	7.05
397.9	3852.1	6.15	1290.1	3780.0	5.99	1761.6	4248.5	6.87
262.1	3987.9	6.26	1370.1	3860.0	5.96	1681.1	4329.0	6.89
126.4	4123.6	6.25	1450.1	3940.0	5.95	1600.6	4409.5	7.02
10.0	4260.0	6.51	1530.1	4020.0	6.02	1520.0	4490.1	7.26
154.2	4404.2	6.53	1610.1	4100.0	5.94	1439.5	4570.6	7.57
298.5	4548.5	6.89	1690.1	4180.0	5.76	1359.0	4651.1	8.02
442.7	4692.7	7.15	1770.1	4260.0	5.83	1278.4	4731.7	8.50
587.0	4837.0	6.62	1850.1	4340.0	5.52	1197.9	4812.2	8.63
710.6	4960.6	6.02	1930.1	4420.0	5.22	1117.4	4892.7	8.42
854.8	5104.8	6.10	2010.1	4500.0	5.41	1036.9	4973.2	8.27
978.5	5228.5	6.46	2090.1	4580.0	5.74	956.3	5053.8	8.13
1122.7	5372.7	6.72	2170.1	4660.0	5.91	875.8	5134.3	8.01
1246.4	5496.4	6.58	2250.1	4740.0	6.07	795.3	5214.8	8.10
1390.6	5640.6	6.61	2330.1	4820.0	6.05	714.7	5295.4	8.31
1514.2	5764.2	6.70	2410.1	4900.0	5.97	634.2	5375.9	8.35
1658.5	5908.5	6.48	2490.1	4980.0	6.07	573.8	5436.3	7.88
1782.1	6032.1	6.28	2570.1	5060.0	6.31	493.3	5516.8	7.28
1926.4	6176.4	6.11	2650.1	5140.0	6.46	432.9	5577.2	6.86
2050.0	6300.0	6.51	2730.1	5220.0	6.53	352.4	5657.7	6.64
2194.2	6444.2	7.33	2810.1	5300.0	7.04	292.0	5718.1	6.59
2317.9	6567.9	8.28	2890.1	5380.0	7.66	211.4	5798.7	6.58
2462.1	6712.1	9.08	2970.1	5460.0	8.23	151.0	5859.1	6.68
2585.8	6835.8	9.93	3050.1	5540.0	8.86	70.5	5939.6	6.67
2730.0	6980.0	10.28	3150.1	5640.0	10.07	10.1	6000.0	6.85

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)			RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)					@LO (dBm)		
	+7	+10	+13	+7	+10	+13			+7	+10	+13
1780.0	31.36	31.57	28.71	10.40	11.92	14.59	1750.0	1780.0	16.38	15.29	14.44
1940.0	33.34	33.40	29.80	10.37	13.13	16.42	1910.0	1940.0	19.17	18.87	16.97
2100.0	38.99	36.64	32.75	11.85	15.35	18.64	2070.0	2100.0	25.44	25.47	21.64
2260.0	36.68	32.84	31.44	12.15	15.05	17.01	2230.0	2260.0	23.07	22.60	21.50
2420.0	31.39	29.02	28.29	12.18	14.06	14.81	2390.0	2420.0	18.99	18.16	17.68
2580.0	28.04	27.14	26.95	12.15	12.94	13.34	2550.0	2580.0	16.64	16.42	16.07
2740.0	26.30	25.45	25.10	10.99	11.68	11.97	2710.0	2740.0	14.93	14.48	14.31
2900.0	24.61	24.42	24.02	10.78	11.21	11.19	2870.0	2900.0	13.88	13.55	13.25
3060.0	24.10	24.00	24.16	10.89	10.91	10.92	3030.0	3060.0	12.99	12.74	12.58
3220.0	23.47	23.48	23.59	11.08	10.97	10.59	3190.0	3220.0	12.90	12.63	12.43
3380.0	23.67	24.39	24.71	11.37	11.23	10.69	3350.0	3380.0	13.64	13.48	13.23
3540.0	24.51	25.60	26.22	11.49	11.26	10.67	3510.0	3540.0	12.75	12.86	12.92
3700.0	25.05	26.35	27.70	11.95	11.52	10.82	3670.0	3700.0	12.75	12.95	13.09
3860.0	27.10	28.37	29.72	12.52	11.99	11.41	3830.0	3860.0	12.98	13.16	13.29
4020.0	32.42	33.79	34.30	13.16	12.64	11.94	3990.0	4020.0	13.60	13.74	13.87
4180.0	35.01	34.03	32.84	14.42	13.61	12.95	4150.0	4180.0	14.50	14.56	14.61
4340.0	31.99	30.42	29.45	15.42	14.37	13.81	4310.0	4340.0	15.13	15.23	15.33
4500.0	30.32	29.46	28.25	16.89	16.01	15.09	4470.0	4500.0	15.57	15.72	15.83
4660.0	29.54	28.71	27.28	18.10	17.29	16.39	4630.0	4660.0	15.97	16.08	16.19
4820.0	30.30	29.16	27.86	19.46	18.47	17.66	4790.0	4820.0	16.66	16.59	16.64
4980.0	31.73	29.76	27.95	21.38	20.12	19.21	4950.0	4980.0	17.90	17.80	17.76
5140.0	28.53	27.42	26.24	23.01	21.57	20.37	5110.0	5140.0	19.10	19.03	18.92
5300.0	26.38	25.48	24.28	24.33	22.82	21.53	5270.0	5300.0	20.42	20.44	20.32
5460.0	26.61	26.48	25.92	25.95	24.03	22.60	5430.0	5460.0	20.38	20.45	20.41
5620.0	28.38	28.43	27.87	27.16	24.81	23.34	5590.0	5620.0	21.35	21.31	21.21
5780.0	28.48	28.62	28.05	28.53	25.83	23.96	5750.0	5780.0	22.89	22.71	22.43
5940.0	27.00	26.88	26.12	28.98	26.07	24.24	5910.0	5940.0	24.94	24.52	24.01
6100.0	24.98	24.34	23.65	29.10	25.65	24.09	6070.0	6100.0	27.11	26.22	25.40
6260.0	23.14	22.84	21.38	29.13	25.86	23.63	6230.0	6260.0	28.95	27.49	26.12
6420.0	21.43	21.65	20.37	28.01	25.13	23.08	6390.0	6420.0	28.05	26.96	25.77
6580.0	20.18	20.85	20.48	26.91	24.07	22.27	6550.0	6580.0	25.05	24.82	24.47
6740.0	17.73	18.45	18.27	25.65	23.28	21.42	6710.0	6740.0	21.76	21.93	22.04
6900.0	16.04	16.80	16.54	24.13	22.45	20.86	6870.0	6900.0	19.13	19.39	19.59
7060.0	14.96	15.78	16.00	24.21	22.12	21.02	7030.0	7060.0	17.36	17.78	18.00
7220.0	14.17	15.17	15.75	23.83	22.12	21.20	7190.0	7220.0	16.01	16.51	16.87
7380.0	13.49	14.96	15.93	22.99	22.17	21.37	7350.0	7380.0	15.04	15.48	15.89
7540.0	12.66	14.35	15.56	22.88	22.42	21.76	7510.0	7540.0	14.29	14.74	15.19
7700.0	12.62	14.34	15.87	23.25	23.16	22.91	7670.0	7700.0	13.95	14.38	14.80
7860.0	12.94	14.55	16.03	23.37	23.63	23.64	7830.0	7860.0	14.00	14.36	14.72
8000.0	13.02	14.32	15.44	23.53	23.96	24.19	7970.0	8000.0	14.46	14.69	15.00

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Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)		
		@LO (dBm)		
		+7	+10	+13
1750.0	1780.0	11.31	6.05	4.30
1910.0	1940.0	6.66	4.07	3.42
2070.0	2100.0	4.09	3.00	2.73
2230.0	2260.0	3.35	2.60	2.27
2390.0	2420.0	2.77	2.25	1.98
2550.0	2580.0	2.30	1.99	1.82
2710.0	2740.0	2.02	1.83	1.74
2870.0	2900.0	1.70	1.57	1.48
3030.0	3060.0	1.58	1.44	1.35
3190.0	3220.0	1.59	1.41	1.29
3350.0	3380.0	1.78	1.57	1.38
3510.0	3540.0	2.05	1.85	1.62
3670.0	3700.0	2.03	1.86	1.69
3830.0	3860.0	1.98	1.81	1.65
3990.0	4020.0	1.95	1.80	1.67
4150.0	4180.0	1.84	1.72	1.62
4310.0	4340.0	1.96	1.81	1.69
4470.0	4500.0	2.21	2.03	1.86
4630.0	4660.0	2.41	2.24	2.06
4790.0	4820.0	2.29	2.14	1.98
4950.0	4980.0	1.96	1.82	1.72
5110.0	5140.0	1.84	1.61	1.49
5270.0	5300.0	2.03	1.77	1.62
5430.0	5460.0	3.01	2.70	2.48
5590.0	5620.0	3.43	3.04	2.76
5750.0	5780.0	3.33	2.95	2.67
5910.0	5940.0	2.95	2.60	2.35
6070.0	6100.0	2.55	2.21	1.99
6230.0	6260.0	2.15	1.83	1.63
6390.0	6420.0	1.82	1.48	1.28
6550.0	6580.0	1.92	1.64	1.42
6710.0	6740.0	1.91	1.67	1.48
6870.0	6900.0	1.71	1.56	1.45
7030.0	7060.0	1.64	1.50	1.41
7190.0	7220.0	1.85	1.77	1.71
7350.0	7380.0	1.82	1.76	1.71
7510.0	7540.0	2.11	2.01	1.93
7670.0	7700.0	2.35	2.23	2.11
7830.0	7860.0	2.40	2.27	2.12
7970.0	8000.0	2.41	2.28	2.12

LO (MHz)	LO VSWR (:1)		
	@LO (dBm)		
	+7	+10	+13
1780.0	21.46	16.72	11.53
1940.0	17.05	10.75	8.68
2100.0	10.43	7.44	7.41
2260.0	7.83	6.13	6.32
2420.0	6.09	5.34	5.81
2580.0	4.86	4.82	5.46
2740.0	3.89	4.05	4.73
2900.0	3.14	3.66	4.50
3060.0	2.69	3.37	4.21
3220.0	2.44	3.08	3.83
3380.0	2.32	3.09	3.93
3540.0	2.25	2.98	3.78
3700.0	2.20	2.90	3.65
3860.0	2.21	2.93	3.71
4020.0	2.13	2.85	3.66
4180.0	2.20	2.88	3.64
4340.0	2.37	3.05	3.83
4500.0	2.58	3.24	4.01
4660.0	2.77	3.43	4.21
4820.0	2.92	3.57	4.41
4980.0	3.24	3.76	4.54
5140.0	3.79	4.19	4.89
5300.0	4.15	4.40	5.04
5460.0	4.48	4.48	4.99
5620.0	4.84	4.63	5.03
5780.0	5.39	4.78	4.93
5940.0	5.52	4.72	4.77
6100.0	5.63	4.54	4.47
6260.0	5.77	4.44	4.21
6420.0	5.49	4.14	3.85
6580.0	4.88	3.60	3.30
6740.0	4.43	3.18	2.84
6900.0	3.62	2.66	2.37
7060.0	3.39	2.30	1.95
7220.0	2.80	1.90	1.58
7380.0	2.38	1.59	1.28
7540.0	1.92	1.30	1.16
7700.0	1.49	1.03	1.30
7860.0	1.17	1.18	1.52
8000.0	1.03	1.37	1.73

IF (OUT) (MHz)	IF VSWR @LO=6000MHz (:1)		
	@LO (dBm)		
	+7	+10	+13
10.0	1.13	1.19	1.49
90.5	1.10	1.24	1.52
171.1	1.13	1.23	1.51
251.6	1.15	1.22	1.49
332.1	1.18	1.19	1.46
412.7	1.22	1.17	1.41
493.2	1.28	1.12	1.34
573.8	1.31	1.10	1.30
654.3	1.37	1.07	1.25
734.8	1.44	1.07	1.19
815.4	1.53	1.13	1.12
895.9	1.60	1.18	1.08
976.4	1.66	1.23	1.08
1057.0	1.75	1.30	1.13
1137.5	1.86	1.40	1.19
1218.1	1.97	1.50	1.26
1298.6	2.02	1.56	1.30
1379.1	1.96	1.53	1.29
1459.7	1.84	1.47	1.25
1540.2	1.72	1.39	1.21
1620.7	1.63	1.33	1.18
1701.3	1.53	1.27	1.13
1781.8	1.43	1.19	1.07
1862.3	1.33	1.11	1.01
1942.9	1.25	1.06	1.05
2023.4	1.21	1.07	1.11
2104.0	1.20	1.11	1.16
2164.4	1.24	1.14	1.18
2244.9	1.26	1.22	1.26
2305.3	1.24	1.26	1.36
2385.8	1.23	1.32	1.45
2446.2	1.27	1.39	1.56
2526.8	1.38	1.59	1.81
2587.2	1.47	1.74	2.00
2667.7	1.60	1.91	2.21
2728.1	1.78	2.14	2.48
2808.7	2.04	2.47	2.84
2869.1	2.21	2.66	3.02
2949.6	2.52	2.97	3.31
3010.0	2.96	3.43	3.79

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+12	16	15	35	17	---	---	---	---	---
1	-	9	+0	34	31	26	36	48	---	---	---	---
2	87	52	60	52	60	58	64	46	52	---	---	---
3	>90	71	>73	70	60	68	70	65	64	>73	---	---
4	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	---
5	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
6	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
7	---	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73
8	---	---	---	---	>73	>73	>73	>73	>73	>73	>73	>73
9	---	---	---	---	---	>73	>73	>73	>73	>73	>73	>73
10	---	---	---	---	---	---	>73	>73	>73	>73	>73	>73
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 4250 MHz; -10.00 dBm.
 LO IN: 4280 MHz; +10.00 dBm
 IF OUT: 30 MHz; -16.58 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+2	26	28	51	33	---	---	---	---	---
1	-	9	+0	36	31	28	38	49	---	---	---	---
2	67	42	50	41	54	54	62	43	48	---	---	---
3	>90	55	56	51	44	50	58	47	51	71	---	---
4	>90	56	68	73	67	61	59	73	67	56	68	---
5	>90	75	75	69	74	66	55	69	67	78	68	69
6	---	---	79	76	81	>83	78	71	72	>83	>83	72
7	---	---	---	>83	>83	>83	>83	>83	70	>83	80	>83
8	---	---	---	---	>83	>83	>83	>83	>83	>83	>83	>83
9	---	---	---	---	---	>83	>83	>83	>83	>83	>83	>83
10	---	---	---	---	---	---	>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: 4250 MHz; 0.00 dBm.
 LO IN: 4280 MHz; +10.00 dBm
 IF OUT: 30 MHz; -6.69 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.