Frequency Mixer SYM-ED14819/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=1850MHz (dB) @LO (dBm)		
		+14	+17	+20
10.1	1860.1	6.51	7.63	6.49
50.1	1900.1	7.05	7.07	6.98
100.1	1950.1	7.47	7.38	7.37
150.1	2000.1	7.37	7.22	7.20
190.1	2040.1	7.61	7.49	7.44
240.1	2090.1	7.47	7.32	7.25
290.1	2140.1	7.75	7.55	7.45
330.1	2180.1	7.61	7.38	7.25
380.1	2230.1	7.86	7.62	7.44
430.1	2280.1	7.89	7.63	7.42
470.1	2320.1	8.13	7.84	7.63
520.1	2370.1	8.09	7.76	7.49
570.1	2420.1	8.12	7.75	7.49
620.1	2470.1	8.03	7.64	7.35
660.1	2510.1	8.07	7.67	7.36
710.1	2560.1	8.09	7.64	7.31
760.1	2610.1	8.16	7.72	7.36
800.1	2650.1	8.17	7.70	7.33
850.1	2700.1	8.23	7.77	7.40
900.1	2750.1	8.34	7.86	7.47
940.1	2790.1	8.36	7.84	7.45
990.1	2840.1	8.45	7.93	7.52
1040.1	2890.1	8.52	8.00	7.58
1080.1	2930.1	8.64	8.11	7.68
1130.1	2980.1	8.71	8.18	7.74
1180.1	3030.1	8.85	8.32	7.85
1230.1	3080.1	8.97	8.42	7.94
1270.1	3120.1	9.15	8.58	8.09
1320.1	3170.1	9.23	8.68	8.19
1370.1	3220.1	9.37	8.80	8.31
1410.1	3260.1	9.34	8.77	8.26
1460.1	3310.1	9.48	8.89	8.40
1510.1	3360.1	9.60	9.00	8.49
1550.1	3400.1	9.79	9.19	8.68
1600.1	3450.1	9.90	9.30	8.82
1650.1	3500.1	10.19	9.58	9.09
1690.1	3540.1	10.27	9.65	9.16
1740.1	3590.1	10.58	9.95	9.47
1790.1	3640.1	10.78	10.15	9.66
1840.1	3690.1	11.22	10.57	10.06

RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm) @LO (dBm)		
		+14	+17	+20
10.1	1860.1	23.17	26.26	33.64
50.1	1900.1	21.44	30.77	28.95
100.1	1950.1	23.14	26.69	28.68
150.1	2000.1	22.81	32.82	28.04
190.1	2040.1	23.29	30.65	27.76
240.1	2090.1	23.02	23.73	34.43
290.1	2140.1	22.94	28.13	35.42
330.1	2180.1	23.37	27.18	34.36
380.1	2230.1	21.42	27.34	29.89
430.1	2280.1	19.56	20.98	25.55
470.1	2320.1	19.55	21.54	24.68
520.1	2370.1	20.40	22.71	24.33
570.1	2420.1	21.38	24.65	28.07
620.1	2470.1	21.20	25.03	29.63
660.1	2510.1	21.45	26.02	31.33
710.1	2560.1	21.62	26.40	29.90
760.1	2610.1	22.47	25.78	31.55
800.1	2650.1	21.83	25.63	28.51
850.1	2700.1	21.87	24.66	29.23
900.1	2750.1	21.00	24.99	27.77
940.1	2790.1	20.87	23.22	29.08
990.1	2840.1	20.23	24.13	27.32
1040.1	2890.1	20.41	22.68	28.40
1080.1	2930.1	19.95	23.28	27.16
1130.1	2980.1	19.78	24.23	26.34
1180.1	3030.1	19.17	21.84	25.32
1230.1	3080.1	18.23	20.42	27.33
1270.1	3120.1	17.77	20.75	25.26
1320.1	3170.1	17.70	20.51	25.35
1370.1	3220.1	16.95	20.83	25.10
1410.1	3260.1	16.40	19.81	22.82
1460.1	3310.1	15.77	19.08	23.66
1510.1	3360.1	15.27	18.21	22.04
1550.1	3400.1	15.11	18.03	20.88
1600.1	3450.1	14.92	17.95	21.92
1650.1	3500.1	14.73	17.59	21.70
1690.1	3540.1	14.62	17.35	22.65
1740.1	3590.1	14.56	17.16	19.92
1790.1	3640.1	14.69	17.17	20.32
1840.1	3690.1	14.34	16.73	20.00

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+14dBm (dB) @LO (dBm)		
		+14	+17	+20
10.1	1860.1	1.89	0.64	1.59
50.1	1900.1	0.87	0.31	0.11
100.1	1950.1	0.99	0.55	0.30
150.1	2000.1	0.99	0.48	0.20
190.1	2040.1	0.88	0.41	0.15
240.1	2090.1	0.99	0.49	0.22
290.1	2140.1	1.09	0.61	0.35
330.1	2180.1	1.02	0.54	0.29
380.1	2230.1	1.09	0.57	0.34
430.1	2280.1	1.19	0.62	0.35
470.1	2320.1	1.13	0.63	0.37
520.1	2370.1	1.21	0.73	0.45
570.1	2420.1	1.23	0.75	0.45
620.1	2470.1	1.25	0.73	0.42
660.1	2510.1	1.17	0.66	0.40
710.1	2560.1	1.11	0.64	0.39
760.1	2610.1	1.20	0.67	0.42
800.1	2650.1	1.25	0.71	0.44
850.1	2700.1	1.24	0.71	0.41
900.1	2750.1	1.27	0.68	0.37
940.1	2790.1	1.40	0.80	0.47
990.1	2840.1	1.46	0.83	0.45
1040.1	2890.1	1.46	0.78	0.44
1080.1	2930.1	1.63	0.91	0.51
1130.1	2980.1	1.71	0.91	0.49
1180.1	3030.1	1.84	1.03	0.55
1230.1	3080.1	1.82	1.05	0.57
1270.1	3120.1	1.97	1.11	0.62
1320.1	3170.1	2.00	1.10	0.61
1370.1	3220.1	2.34	1.27	0.68
1410.1	3260.1	2.46	1.34	0.75
1460.1	3310.1	2.55	1.38	0.74
1510.1	3360.1	2.68	1.48	0.84
1550.1	3400.1	2.77	1.53	0.87
1600.1	3450.1	2.86	1.60	0.90
1650.1	3500.1	3.01	1.72	0.98
1690.1	3540.1	3.02	1.73	0.98
1740.1	3590.1	3.08	1.80	1.02
1790.1	3640.1	3.07	1.80	1.04
1840.1	3690.1	3.20	1.93	1.11

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=945MHz (dB) @LO (dBm) +17
714.9	230.1	12.19
689.9	255.1	10.88
664.9	280.1	9.80
639.9	305.1	8.95
614.9	330.1	8.63
584.9	360.1	8.32
559.9	385.1	8.08
534.9	410.1	8.16
509.9	435.1	8.29
479.9	465.1	8.62
454.9	490.1	8.54
429.9	515.1	9.00
404.9	540.1	9.18
374.9	570.1	9.42
349.9	595.1	9.77
324.9	620.1	10.11
299.9	645.1	10.61
274.9	670.1	10.82
244.9	700.1	11.41
219.9	725.1	11.77
190.1	1135.1	12.45
315.1	1260.1	9.80
440.1	1385.1	8.66
565.1	1510.1	8.03
690.1	1635.1	7.70
840.1	1785.1	7.70
965.1	1910.1	7.76
1090.1	2035.1	7.73
1215.1	2160.1	7.83
1365.1	2310.1	8.17
1490.1	2435.1	7.81
1615.1	2560.1	7.73
1740.1	2685.1	7.71
1890.1	2835.1	7.98
2015.1	2960.1	8.09
2140.1	3085.1	8.39
2265.1	3210.1	8.78
2390.1	3335.1	8.98
2540.1	3485.1	9.25
2665.1	3610.1	9.47

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=50MHz (dB) @LO (dBm) +17
250.1	300.1	11.97
310.1	360.1	10.21
400.1	450.1	8.59
490.1	540.1	7.90
580.1	630.1	7.39
670.1	720.1	7.27
760.1	810.1	6.85
850.1	900.1	6.68
940.1	990.1	6.65
1030.1	1080.1	6.52
1090.1	1140.1	6.46
1180.1	1230.1	6.75
1270.1	1320.1	6.68
1360.1	1410.1	6.91
1450.1	1500.1	6.94
1540.1	1590.1	7.06
1630.1	1680.1	7.06
1720.1	1770.1	7.17
1810.1	1860.1	7.01
1900.1	1950.1	7.22
1960.1	2010.1	7.13
2050.1	2100.1	7.11
2140.1	2190.1	7.22
2230.1	2280.1	7.34
2320.1	2370.1	7.51
2410.1	2460.1	7.52
2500.1	2550.1	7.48
2590.1	2640.1	7.11
2680.1	2730.1	7.45
2770.1	2820.1	7.60
2830.1	2880.1	7.57
2920.1	2970.1	7.56
3010.1	3060.1	7.54
3100.1	3150.1	7.68
3190.1	3240.1	7.73
3280.1	3330.1	7.80
3370.1	3420.1	8.10
3460.1	3510.1	8.08
3550.1	3600.1	8.25
3640.1	3690.1	8.33

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1840.1MHz (dB) @LO (dBm) +17
1600.0	240.1	12.50
1570.0	270.1	11.05
1530.0	310.1	9.85
1500.0	340.1	9.32
1460.0	380.1	9.06
1430.0	410.1	8.94
1390.0	450.1	8.85
1360.0	480.1	8.81
1320.0	520.1	8.81
1290.0	550.1	8.74
1250.0	590.1	8.55
1220.0	620.1	8.49
1180.0	660.1	8.37
1150.0	690.1	8.43
1110.0	730.1	8.33
1080.0	760.1	8.26
1040.0	800.1	8.37
1010.0	830.1	8.46
970.0	870.1	8.43
940.0	900.1	8.40
900.0	940.1	8.43
870.0	970.1	8.62
830.0	1010.1	8.68
800.0	1040.1	8.63
760.0	1080.1	8.71
730.0	1110.1	8.88
690.0	1150.1	8.95
660.0	1180.1	8.97
620.0	1220.1	9.08
590.0	1250.1	9.22
550.0	1290.1	9.32
520.0	1320.1	9.43
480.0	1360.1	9.53
450.0	1390.1	9.70
410.0	1430.1	10.05
380.0	1460.1	10.23
340.0	1500.1	10.58
310.0	1530.1	11.01
270.0	1570.1	11.62
230.0	1610.1	12.53

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB) @LO (dBm)			LO-IF ISOLATION (dB) @LO (dBm)		
	+14	+17	+20	+14	+17	+20
1860.1	30.43	30.21	30.01	52.26	52.18	49.91
1900.1	30.78	30.57	30.36	54.83	54.03	50.64
1950.1	30.68	30.42	30.17	56.00	57.65	53.07
2000.1	30.76	30.46	30.16	51.52	55.91	55.98
2040.1	30.67	30.28	29.90	45.64	47.44	48.85
2090.1	30.29	29.86	29.44	40.14	40.69	41.34
2140.1	29.60	29.13	28.68	37.15	37.29	37.56
2180.1	28.44	27.99	27.56	35.61	35.58	35.68
2230.1	27.38	26.95	26.56	34.20	34.01	33.90
2280.1	25.20	24.91	24.73	33.55	33.13	32.99
2320.1	24.27	24.14	24.23	33.34	32.65	32.36
2370.1	24.62	24.73	25.00	33.30	32.54	32.10
2420.1	25.81	26.10	26.46	34.33	33.64	33.21
2470.1	26.81	27.20	27.66	35.30	34.61	34.22
2510.1	28.12	28.56	29.05	36.14	35.46	35.10
2560.1	27.77	28.17	28.59	36.91	36.21	35.82
2610.1	28.40	28.81	29.25	37.80	37.03	36.62
2650.1	28.09	28.42	28.78	38.14	37.30	36.88
2700.1	27.70	27.92	28.17	38.89	37.95	37.44
2750.1	28.03	28.21	28.39	40.15	39.11	38.51
2790.1	27.76	27.82	27.90	41.08	39.98	39.34
2840.1	28.05	28.05	28.07	43.09	41.86	41.12
2890.1	28.55	28.49	28.44	45.44	43.85	42.91
2930.1	28.38	28.28	28.20	47.11	45.13	43.87
2980.1	28.24	28.17	28.10	50.83	48.04	46.26
3030.1	27.97	27.79	27.63	56.37	51.81	49.06
3080.1	28.21	27.94	27.70	61.32	56.26	52.57
3120.1	28.31	28.00	27.72	58.67	59.03	56.18
3170.1	28.30	27.95	27.62	51.27	51.83	51.90
3220.1	28.38	27.97	27.59	48.46	48.94	49.51
3260.1	28.18	27.76	27.37	46.19	46.69	47.40
3310.1	28.20	27.75	27.32	44.80	45.27	45.94
3360.1	28.39	27.93	27.49	43.99	44.35	44.95
3400.1	27.81	27.43	27.06	43.34	43.78	44.46
3450.1	28.64	28.21	27.79	42.71	43.07	43.73
3500.1	28.69	28.30	27.92	43.06	43.41	44.02
3540.1	28.76	28.40	28.05	42.14	42.45	42.99
3590.1	29.31	28.94	28.57	42.61	42.93	43.50
3640.1	28.74	28.46	28.19	42.31	42.62	43.17
3690.1	29.50	29.22	28.96	42.54	42.83	43.28

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB) @LO (dBm)		
		+14	+17	+20
10.1	1860.1	59.03	62.33	61.92
50.1	1900.1	47.14	48.41	49.09
100.1	1950.1	41.78	43.39	44.86
150.1	2000.1	39.31	40.78	41.81
190.1	2040.1	38.16	39.48	40.84
240.1	2090.1	36.06	37.24	38.36
290.1	2140.1	36.79	38.29	39.70
330.1	2180.1	38.86	40.75	43.45
380.1	2230.1	43.71	45.57	45.25
430.1	2280.1	41.28	38.75	36.82
470.1	2320.1	37.99	36.70	35.41
520.1	2370.1	32.06	33.58	35.08
570.1	2420.1	29.67	31.13	33.17
620.1	2470.1	29.38	30.83	32.74
660.1	2510.1	29.34	30.92	32.87
710.1	2560.1	29.39	30.99	32.93
760.1	2610.1	29.69	31.40	33.33
800.1	2650.1	29.81	31.55	33.49
850.1	2700.1	30.16	32.01	33.98
900.1	2750.1	30.34	32.04	34.18
940.1	2790.1	30.42	32.14	34.02
990.1	2840.1	30.48	32.01	33.96
1040.1	2890.1	30.43	31.73	33.62
1080.1	2930.1	30.12	31.37	33.12
1130.1	2980.1	29.92	30.85	32.39
1180.1	3030.1	29.69	30.55	31.95
1230.1	3080.1	29.45	30.12	31.38
1270.1	3120.1	29.24	29.84	31.09
1320.1	3170.1	29.20	29.63	30.69
1370.1	3220.1	29.90	30.64	31.83
1410.1	3260.1	30.50	31.28	32.50
1460.1	3310.1	30.03	30.67	31.64
1510.1	3360.1	29.11	29.51	30.15
1550.1	3400.1	28.89	29.36	29.96
1600.1	3450.1	28.26	28.54	28.95
1650.1	3500.1	27.97	28.22	28.54
1690.1	3540.1	27.70	27.92	28.17
1740.1	3590.1	27.66	27.90	28.15
1790.1	3640.1	27.53	27.71	27.82
1840.1	3690.1	27.58	27.71	27.82

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1) @LO (dBm)		
		+14	+17	+20
10.1	1860.1	2.16	2.05	3.50
50.1	1900.1	2.01	2.37	2.55
100.1	1950.1	2.03	2.31	2.50
150.1	2000.1	2.01	2.21	2.42
190.1	2040.1	2.00	2.21	2.40
240.1	2090.1	2.08	2.24	2.41
290.1	2140.1	2.09	2.22	2.38
330.1	2180.1	2.07	2.20	2.33
380.1	2230.1	2.08	2.16	2.26
430.1	2280.1	2.09	2.12	2.19
470.1	2320.1	2.08	2.09	2.14
520.1	2370.1	2.09	2.05	2.06
570.1	2420.1	2.11	2.05	2.05
620.1	2470.1	2.09	2.01	2.00
660.1	2510.1	2.08	2.00	1.96
710.1	2560.1	2.03	1.93	1.86
760.1	2610.1	2.01	1.89	1.82
800.1	2650.1	2.01	1.89	1.82
850.1	2700.1	1.99	1.86	1.78
900.1	2750.1	1.98	1.85	1.77
940.1	2790.1	1.94	1.81	1.73
990.1	2840.1	1.91	1.78	1.69
1040.1	2890.1	1.88	1.75	1.66
1080.1	2930.1	1.85	1.73	1.64
1130.1	2980.1	1.82	1.70	1.62
1180.1	3030.1	1.82	1.70	1.62
1230.1	3080.1	1.78	1.67	1.59
1270.1	3120.1	1.76	1.66	1.58
1320.1	3170.1	1.71	1.61	1.54
1370.1	3220.1	1.68	1.58	1.51
1410.1	3260.1	1.65	1.56	1.49
1460.1	3310.1	1.62	1.52	1.45
1510.1	3360.1	1.57	1.48	1.42
1550.1	3400.1	1.53	1.45	1.39
1600.1	3450.1	1.46	1.39	1.35
1650.1	3500.1	1.41	1.34	1.31
1690.1	3540.1	1.35	1.30	1.29
1740.1	3590.1	1.30	1.28	1.28
1790.1	3640.1	1.26	1.26	1.30
1840.1	3690.1	1.30	1.34	1.39

LO (MHz)	LO VSWR (:1) @LO (dBm)		
	+14	+17	+20
1860.1	2.49	2.50	2.50
1900.1	2.49	2.50	2.51
1950.1	2.48	2.48	2.49
2000.1	2.47	2.48	2.49
2040.1	2.46	2.47	2.48
2090.1	2.46	2.47	2.48
2140.1	2.46	2.47	2.48
2180.1	2.46	2.47	2.48
2230.1	2.40	2.41	2.41
2280.1	2.29	2.30	2.30
2320.1	2.21	2.22	2.23
2370.1	2.28	2.29	2.31
2420.1	2.38	2.39	2.41
2470.1	2.47	2.49	2.51
2510.1	2.50	2.52	2.53
2560.1	2.53	2.55	2.57
2610.1	2.54	2.56	2.57
2650.1	2.53	2.55	2.56
2700.1	2.52	2.54	2.55
2750.1	2.49	2.51	2.52
2790.1	2.48	2.49	2.51
2840.1	2.44	2.45	2.46
2890.1	2.42	2.43	2.44
2930.1	2.38	2.39	2.39
2980.1	2.35	2.36	2.37
3030.1	2.32	2.33	2.34
3080.1	2.30	2.30	2.31
3120.1	2.28	2.29	2.29
3170.1	2.26	2.26	2.27
3220.1	2.25	2.26	2.26
3260.1	2.23	2.23	2.24
3310.1	2.23	2.23	2.24
3360.1	2.21	2.21	2.22
3400.1	2.21	2.22	2.21
3450.1	2.22	2.22	2.23
3500.1	2.23	2.23	2.23
3540.1	2.24	2.24	2.25
3590.1	2.24	2.23	2.22
3640.1	2.26	2.26	2.26
3690.1	2.26	2.25	2.24

IF (OUT) (MHz)	IF VSWR @LO=1920MHz (:1) @LO (dBm)		
	+14	+17	+20
300.1	5.30	4.84	4.48
320.1	4.81	4.35	4.07
330.1	4.58	4.17	3.86
340.1	4.43	4.04	3.75
350.1	4.31	3.93	3.65
360.1	4.16	3.78	3.50
370.1	3.95	3.57	3.32
380.1	3.80	3.45	3.20
400.1	3.60	3.27	3.03
450.1	3.11	2.83	2.62
490.1	2.80	2.55	2.38
540.1	2.50	2.28	2.13
590.1	2.25	2.05	1.92
640.1	2.08	1.91	1.79
690.1	1.94	1.78	1.69
740.1	1.85	1.70	1.62
780.1	1.77	1.63	1.56
830.1	1.70	1.58	1.51
880.1	1.66	1.54	1.48
930.1	1.62	1.51	1.46
980.1	1.60	1.49	1.43
1030.1	1.58	1.47	1.41
1080.1	1.55	1.44	1.37
1130.1	1.54	1.43	1.37
1170.1	1.55	1.43	1.36
1220.1	1.55	1.43	1.36
1270.1	1.54	1.42	1.35
1320.1	1.55	1.43	1.36
1370.1	1.55	1.41	1.33
1420.1	1.56	1.43	1.34
1470.1	1.57	1.43	1.34
1520.1	1.63	1.49	1.39
1560.1	1.60	1.45	1.35
1610.1	1.66	1.50	1.39
1660.1	1.67	1.52	1.40
1710.1	1.72	1.55	1.43
1760.1	1.73	1.56	1.44
1820.1	1.72	1.56	1.43
1860.1	1.74	1.58	1.45
1900.1	1.79	1.62	1.50

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	----	----	17.49	-1.59	16.54	9.00	26.80	35.31	22.32	45.89	53.00	55.94
1	----	40.58	----	31.94	20.53	39.85	28.71	57.47	35.82	81.58	55.53	67.43
2	120.30	59.15	65.84	67.62	75.75	61.09	82.00	85.82	71.59	82.80	95.53	90.49
3	121.15	109.03	85.77	97.96	86.49	99.57	91.19	106.72	91.69	103.05	113.79	94.04
4	136.34	119.27	109.29	112.01	107.54	105.74	113.48	110.05	103.26	98.15	96.87	96.39
5	129.34	109.49	118.36	108.49	110.95	102.47	102.48	102.76	104.64	106.96	110.00	112.73
6	122.62	107.88	113.15	108.26	116.01	109.37	106.96	104.54	106.20	96.12	98.95	98.51
7	125.82	113.18	109.06	109.14	108.74	107.77	106.42	107.17	116.63	108.91	97.14	103.51
8	120.53	106.49	112.52	107.02	104.56	104.13	109.19	101.16	103.86	97.33	100.36	98.05
9	120.75	111.11	120.10	104.57	104.19	100.19	104.57	115.22	102.10	121.08	95.86	102.95
10	126.76	111.22	102.93	106.39	104.56	96.96	108.69	101.92	98.10	105.75	94.77	94.37
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 70.10 MHz; -10 dBm.
LO IN: 1920.10 MHz; +17.00 dBm
IF OUT: 1850 MHz; -17.36 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	----	----	27.84	8.47	26.48	18.80	36.90	45.40	32.69	54.53	63.33	69.63
1	----	40.55	----	31.90	20.54	39.97	28.76	57.43	36.16	79.63	56.16	67.43
2	107.86	49.24	55.94	56.95	65.21	50.54	74.38	72.65	62.65	70.84	89.61	80.33
3	108.48	90.25	67.43	77.46	65.92	83.40	70.74	88.19	69.34	100.27	85.41	96.74
4	121.89	86.45	87.20	80.23	95.04	84.04	93.05	90.64	91.79	97.68	91.88	98.48
5	112.54	107.53	98.55	105.97	100.20	103.19	101.46	99.82	95.87	103.71	101.63	104.18
6	129.23	106.05	97.69	103.47	103.62	110.31	116.79	107.74	113.93	96.30	101.03	104.38
7	123.26	107.47	105.88	101.17	112.32	101.61	115.42	101.76	107.79	93.64	103.91	96.90
8	119.31	116.12	116.27	112.07	102.51	110.34	115.33	126.44	105.53	99.35	98.13	102.22
9	114.90	103.90	114.13	111.00	109.14	107.46	105.22	98.11	96.76	97.95	111.79	97.98
10	110.83	113.33	109.58	98.08	100.42	107.01	115.97	104.83	104.47	104.42	95.53	107.33
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 70.10 MHz; 0 dBm.
LO IN: 1920.10 MHz; +17.00 dBm
IF OUT: 1850 MHz; -7.33 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.