

Frequency Mixer

MCA-ED12846A/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=350MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+15dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
+14	+17	+20	+14	+17	+20	+14	+17	+20						
1990.0	2340.0	14.10	11.80	10.17	1990.0	2340.0	11.29	13.94	17.69	1990.0	2340.0	-0.62	-0.02	0.26
2040.0	2390.0	13.83	11.30	9.65	2040.0	2390.0	12.46	16.08	19.59	2040.0	2390.0	-0.69	0.26	0.76
2090.0	2440.0	12.85	10.42	8.97	2090.0	2440.0	16.10	20.60	19.05	2090.0	2440.0	-0.64	0.51	1.05
2140.0	2490.0	12.23	9.89	8.64	2140.0	2490.0	22.59	19.56	20.27	2140.0	2490.0	-0.59	0.58	0.95
2190.0	2540.0	10.79	9.06	8.34	2190.0	2540.0	20.41	19.58	23.33	2190.0	2540.0	0.01	0.76	0.76
2240.0	2590.0	10.24	8.86	8.28	2240.0	2590.0	19.34	20.95	26.16	2240.0	2590.0	0.19	0.70	0.58
2290.0	2640.0	9.31	8.58	8.27	2290.0	2640.0	19.80	24.26	30.65	2290.0	2640.0	0.56	0.61	0.31
2340.0	2690.0	9.06	8.53	8.28	2340.0	2690.0	20.99	26.69	32.18	2340.0	2690.0	0.58	0.46	0.20
2390.0	2740.0	8.67	8.38	8.25	2390.0	2740.0	24.54	30.61	36.01	2390.0	2740.0	0.50	0.25	0.10
2440.0	2790.0	8.42	8.19	8.09	2440.0	2790.0	26.16	31.67	37.06	2440.0	2790.0	0.40	0.19	0.07
2480.0	2830.0	8.12	7.94	7.86	2480.0	2830.0	27.94	33.07	36.71	2480.0	2830.0	0.29	0.13	0.05
2530.0	2880.0	7.95	7.75	7.66	2530.0	2880.0	28.30	33.30	37.11	2530.0	2880.0	0.26	0.14	0.06
2570.0	2920.0	7.82	7.62	7.53	2570.0	2920.0	28.44	33.15	35.80	2570.0	2920.0	0.25	0.13	0.06
2620.0	2970.0	7.90	7.65	7.51	2620.0	2970.0	27.55	32.38	35.95	2620.0	2970.0	0.28	0.15	0.08
2660.0	3010.0	7.90	7.66	7.50	2660.0	3010.0	26.23	30.85	34.98	2660.0	3010.0	0.32	0.18	0.09
2710.0	3060.0	8.07	7.76	7.54	2710.0	3060.0	24.74	29.21	33.89	2710.0	3060.0	0.39	0.22	0.12
2750.0	3100.0	8.16	7.84	7.61	2750.0	3100.0	23.81	28.08	33.22	2750.0	3100.0	0.50	0.26	0.13
2800.0	3150.0	8.41	8.02	7.73	2800.0	3150.0	23.23	27.32	32.38	2800.0	3150.0	0.57	0.32	0.18
2840.0	3190.0	8.47	8.05	7.74	2840.0	3190.0	21.90	25.40	30.23	2840.0	3190.0	0.68	0.40	0.22
2890.0	3240.0	8.81	8.30	7.89	2890.0	3240.0	20.98	23.64	28.12	2890.0	3240.0	0.66	0.46	0.27
2930.0	3280.0	8.80	8.31	7.96	2930.0	3280.0	20.95	23.27	27.27	2930.0	3280.0	0.75	0.50	0.29
2980.0	3330.0	9.07	8.50	8.10	2980.0	3330.0	20.58	22.45	25.33	2980.0	3330.0	0.78	0.58	0.34
3020.0	3370.0	8.96	8.41	8.04	3020.0	3370.0	20.91	22.53	24.90	3020.0	3370.0	0.85	0.63	0.38
3070.0	3420.0	9.30	8.62	8.15	3070.0	3420.0	22.80	23.67	25.25	3070.0	3420.0	0.85	0.71	0.48
3110.0	3460.0	9.26	8.63	8.22	3110.0	3460.0	21.70	22.85	24.68	3110.0	3460.0	0.98	0.88	0.64
3160.0	3510.0	9.90	9.15	8.77	3160.0	3510.0	20.09	21.96	25.56	3160.0	3510.0	0.84	0.91	0.61
3200.0	3550.0	9.73	9.10	8.73	3200.0	3550.0	19.65	22.89	27.55	3200.0	3550.0	0.93	0.88	0.50
3250.0	3600.0	10.13	9.27	8.82	3250.0	3600.0	19.26	22.22	26.47	3250.0	3600.0	0.78	0.89	0.61
3290.0	3640.0	10.02	9.24	8.84	3290.0	3640.0	19.25	22.71	26.97	3290.0	3640.0	0.88	0.86	0.55
3340.0	3690.0	10.39	9.53	9.08	3340.0	3690.0	19.01	22.15	25.87	3340.0	3690.0	0.89	0.90	0.63
3380.0	3730.0	10.27	9.52	9.11	3380.0	3730.0	18.90	22.43	26.36	3380.0	3730.0	0.99	0.90	0.59
3430.0	3780.0	10.58	9.80	9.37	3430.0	3780.0	18.61	21.62	25.53	3430.0	3780.0	1.03	0.95	0.64
3470.0	3820.0	10.56	9.77	9.38	3470.0	3820.0	18.07	21.40	26.34	3470.0	3820.0	0.97	0.93	0.61
3520.0	3870.0	10.82	10.01	9.63	3520.0	3870.0	17.72	21.44	26.83	3520.0	3870.0	0.57	0.73	0.53
3560.0	3910.0	10.83	10.00	9.63	3560.0	3910.0	17.51	21.17	26.85	3560.0	3910.0	0.43	0.65	0.50
3610.0	3960.0	11.11	10.27	9.90	3610.0	3960.0	17.64	21.24	27.20	3610.0	3960.0	0.35	0.58	0.44
3650.0	4000.0	11.19	10.28	9.88	3650.0	4000.0	17.46	20.90	26.56	3650.0	4000.0	0.30	0.56	0.44
3700.0	4050.0	11.44	10.54	10.16	3700.0	4050.0	17.77	21.16	26.38	3700.0	4050.0	0.22	0.47	0.39
3740.0	4090.0	11.65	10.64	10.17	3740.0	4090.0	17.73	20.68	25.27	3740.0	4090.0	0.12	0.42	0.40
3790.0	4140.0	11.85	10.88	10.43	3790.0	4140.0	18.38	21.32	26.25	3790.0	4140.0	0.05	0.33	0.33

Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2590MHz (dB)
		@LO (dBm)
		+17
270.0	2320.0	11.51
256.0	2334.0	11.05
242.0	2348.0	10.62
228.1	2361.9	10.23
214.1	2375.9	10.06
200.1	2389.9	10.07
186.1	2403.9	10.02
172.2	2417.8	9.93
158.2	2431.8	9.70
144.2	2445.8	9.41
130.2	2459.8	9.19
116.2	2473.8	9.13
102.3	2487.7	9.11
88.3	2501.7	9.03
74.3	2515.7	8.90
60.3	2529.7	8.70
46.3	2543.7	8.51
32.4	2557.6	8.41
18.4	2571.6	8.32
27.0	2617.0	8.26
112.1	2702.1	8.00
197.2	2787.2	7.89
282.3	2872.3	7.70
367.4	2957.4	7.67
452.6	3042.6	7.83
537.7	3127.7	8.13
605.7	3195.7	8.35
690.9	3280.9	8.51
758.9	3348.9	8.60
844.0	3434.0	8.69
912.1	3502.1	9.15
997.2	3587.2	9.38
1065.3	3655.3	9.42
1150.4	3740.4	9.28
1218.5	3808.5	9.49
1303.6	3893.6	9.48
1371.7	3961.7	9.53
1456.8	4046.8	9.74
1524.9	4114.9	9.95
1610.0	4200.0	10.54

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2430MHz (dB)
		@LO (dBm)
		+17
10.1	2440.1	9.91
60.1	2490.1	9.20
100.1	2530.1	8.88
150.1	2580.1	8.54
190.1	2620.1	8.52
240.1	2670.1	8.38
280.1	2710.1	8.37
330.1	2760.1	8.26
370.1	2800.1	8.19
420.1	2850.1	8.02
460.1	2890.1	7.96
510.1	2940.1	7.95
550.1	2980.1	8.00
600.1	3030.1	8.06
640.1	3070.1	8.11
690.1	3120.1	8.33
730.1	3160.1	8.31
780.1	3210.1	8.53
820.1	3250.1	8.51
870.1	3300.1	8.72
910.1	3340.1	8.70
960.1	3390.1	8.87
1000.1	3430.1	8.92
1050.1	3480.1	9.18
1090.1	3520.1	9.44
1140.1	3570.1	9.35
1180.1	3610.1	9.50
1230.1	3660.1	9.45
1270.1	3700.1	9.58
1320.1	3750.1	9.48
1360.1	3790.1	9.63
1410.1	3840.1	9.61
1450.1	3880.1	9.83
1500.1	3930.1	9.88
1540.1	3970.1	10.14
1590.1	4020.1	10.23
1630.1	4060.1	10.54
1680.1	4110.1	10.89
1720.1	4150.1	11.30
1770.1	4200.1	11.84

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2750.1001MHz (dB)
		@LO (dBm)
		+17
410.0	2340.1	11.67
400.0	2350.1	11.32
390.0	2360.1	10.95
380.0	2370.1	10.76
370.0	2380.1	10.69
360.0	2390.1	10.71
350.0	2400.1	10.71
340.0	2410.1	10.62
330.0	2420.1	10.45
320.0	2430.1	10.25
310.0	2440.1	10.01
300.0	2450.1	9.77
290.0	2460.1	9.63
280.0	2470.1	9.51
270.0	2480.1	9.48
260.0	2490.1	9.43
250.0	2500.1	9.34
240.0	2510.1	9.26
230.0	2520.1	9.09
220.0	2530.1	8.90
210.0	2540.1	8.75
200.0	2550.1	8.63
190.0	2560.1	8.53
180.0	2570.1	8.44
170.0	2580.1	8.42
160.0	2590.1	8.41
150.0	2600.1	8.35
140.0	2610.1	8.27
130.0	2620.1	8.22
120.0	2630.1	8.18
110.0	2640.1	8.13
100.0	2650.1	8.04
90.0	2660.1	8.01
80.0	2670.1	8.02
70.0	2680.1	7.99
60.0	2690.1	7.95
50.0	2700.1	7.90
40.0	2710.1	7.85
20.0	2730.1	7.84
10.0	2740.1	8.08

REV. X2

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Frequency Mixer

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+14	+17	+20	+14	+17	+20
2340.0	33.67	33.06	32.51	26.47	26.56	26.37
2390.0	33.17	32.66	32.62	26.25	26.37	26.59
2440.0	33.22	33.20	33.19	26.98	27.47	27.98
2490.0	34.11	33.99	33.86	28.58	29.24	29.74
2540.0	35.21	34.96	35.09	30.33	30.89	31.36
2590.0	36.03	36.27	36.95	31.12	31.73	32.11
2640.0	37.39	38.60	39.93	31.45	32.10	32.21
2690.0	39.49	41.32	43.35	31.03	31.44	31.46
2740.0	41.15	43.41	46.55	30.75	31.17	31.32
2790.0	39.60	41.67	44.28	30.92	31.30	31.68
2830.0	40.34	42.85	45.50	32.54	33.14	33.80
2880.0	41.88	43.82	43.27	34.82	35.20	35.39
2920.0	41.51	41.69	40.65	33.51	32.95	32.72
2970.0	40.16	39.64	38.79	31.01	30.44	30.31
3010.0	39.70	39.66	38.90	29.24	29.09	28.75
3060.0	38.38	38.40	37.80	27.96	27.95	27.76
3100.0	42.38	41.99	41.05	27.67	27.75	27.62
3150.0	42.43	41.60	40.52	27.27	27.54	27.56
3190.0	41.93	41.03	40.09	27.06	27.32	27.36
3240.0	41.47	40.77	39.98	26.96	27.30	27.45
3280.0	41.29	40.67	39.94	26.85	27.23	27.35
3330.0	41.12	40.49	39.93	26.87	27.24	27.41
3370.0	41.15	40.74	40.27	26.98	27.36	27.55
3420.0	41.98	41.67	41.39	27.14	27.57	27.87
3460.0	42.75	42.29	41.59	28.02	28.65	29.14
3510.0	39.58	38.79	38.60	29.32	30.03	30.94
3550.0	38.30	38.17	37.87	29.27	30.05	30.65
3600.0	38.15	37.89	37.89	29.10	29.52	30.21
3640.0	38.12	37.88	37.90	29.40	29.78	30.46
3690.0	38.35	38.27	38.36	29.61	29.97	30.69
3730.0	38.29	38.34	38.37	30.07	30.53	31.18
3780.0	38.44	38.54	38.61	30.68	31.12	31.76
3820.0	38.37	38.31	38.29	31.36	31.78	32.52
3870.0	38.40	38.17	38.15	32.17	32.68	33.64
3910.0	38.71	38.41	38.31	32.93	33.58	34.66
3960.0	39.70	39.18	38.64	34.05	34.91	36.14
4000.0	39.96	39.22	38.63	34.96	36.01	37.58
4050.0	40.04	39.25	38.62	36.25	37.73	39.77
4090.0	40.15	39.34	38.60	37.17	38.89	41.35
4140.0	40.42	39.49	38.52	38.67	41.05	44.85

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+14	+17	+20
1990.0	2340.0	28.66	28.10	29.00
2040.0	2390.0	28.97	30.40	34.09
2090.0	2440.0	29.22	32.39	34.24
2140.0	2490.0	29.12	32.38	31.47
2190.0	2540.0	29.58	30.82	29.46
2240.0	2590.0	29.10	29.10	28.37
2290.0	2640.0	28.13	27.62	27.08
2340.0	2690.0	27.50	27.23	27.21
2390.0	2740.0	28.30	28.51	28.79
2440.0	2790.0	31.81	32.57	33.50
2480.0	2830.0	36.29	37.47	38.88
2530.0	2880.0	36.74	36.02	34.86
2570.0	2920.0	32.59	31.62	30.74
2620.0	2970.0	30.21	29.42	28.77
2660.0	3010.0	29.69	29.04	28.55
2710.0	3060.0	30.41	29.99	29.70
2750.0	3100.0	32.06	31.87	31.89
2800.0	3150.0	35.57	36.06	36.85
2840.0	3190.0	38.50	39.57	40.29
2890.0	3240.0	39.89	41.01	41.33
2930.0	3280.0	40.62	43.36	49.82
2980.0	3330.0	42.74	47.33	48.93
3020.0	3370.0	43.71	47.35	43.88
3070.0	3420.0	42.96	46.49	43.21
3110.0	3460.0	42.09	47.20	44.38
3160.0	3510.0	33.02	35.76	40.03
3200.0	3550.0	31.56	33.58	36.12
3250.0	3600.0	30.11	31.48	33.23
3290.0	3640.0	29.48	30.41	31.65
3340.0	3690.0	28.76	29.35	30.29
3380.0	3730.0	28.29	28.71	29.41
3430.0	3780.0	27.56	27.80	28.46
3470.0	3820.0	27.05	27.20	27.76
3520.0	3870.0	26.50	26.50	26.95
3560.0	3910.0	26.04	25.99	26.40
3610.0	3960.0	25.55	25.48	25.91
3650.0	4000.0	25.12	25.03	25.45
3700.0	4050.0	24.42	24.50	25.01
3740.0	4090.0	23.84	24.04	24.69
3790.0	4140.0	23.06	23.60	24.41

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=3100MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+14	+17	+20		+14	+17	+20		+14	+17	+20
1990.0	2340.0	3.66	2.85	2.19	2340.0	27.59	24.83	21.46	10.0	1.35	1.53	1.72
2040.0	2390.0	3.38	2.53	1.93	2390.0	24.83	22.29	19.11	90.0	1.39	1.55	1.72
2090.0	2440.0	3.11	2.25	1.69	2440.0	23.18	21.20	18.90	170.0	1.49	1.60	1.74
2140.0	2490.0	2.78	1.99	1.51	2490.0	21.73	19.76	17.22	250.0	1.65	1.71	1.80
2190.0	2540.0	2.35	1.70	1.34	2540.0	19.54	17.93	15.67	330.0	1.86	1.86	1.91
2240.0	2590.0	2.07	1.53	1.23	2590.0	16.56	14.87	12.89	410.0	2.07	2.03	2.03
2290.0	2640.0	1.69	1.32	1.10	2640.0	13.39	12.18	11.03	490.0	2.25	2.16	2.12
2340.0	2690.0	1.51	1.22	1.03	2690.0	10.02	9.04	8.08	570.0	2.33	2.21	2.14
2390.0	2740.0	1.31	1.11	1.06	2740.0	7.05	6.44	5.91	650.0	2.31	2.16	2.07
2440.0	2790.0	1.28	1.11	1.07	2790.0	4.59	4.17	3.79	730.0	2.24	2.08	1.96
2480.0	2830.0	1.23	1.10	1.10	2830.0	3.18	2.94	2.71	810.0	2.10	1.92	1.80
2530.0	2880.0	1.24	1.11	1.07	2880.0	2.16	2.07	2.02	890.0	1.93	1.76	1.63
2570.0	2920.0	1.24	1.12	1.06	2920.0	2.00	2.06	2.15	970.0	1.71	1.54	1.41
2620.0	2970.0	1.28	1.15	1.05	2970.0	2.53	2.71	2.92	1050.0	1.48	1.32	1.20
2660.0	3010.0	1.33	1.20	1.09	3010.0	3.26	3.49	3.71	1130.0	1.31	1.16	1.04
2710.0	3060.0	1.37	1.24	1.12	3060.0	4.43	4.74	5.03	1210.0	1.12	1.04	1.13
2750.0	3100.0	1.43	1.28	1.16	3100.0	5.41	5.72	5.93	1290.0	1.06	1.18	1.31
2800.0	3150.0	1.46	1.31	1.18	3150.0	6.71	7.08	7.38	1370.0	1.25	1.41	1.57
2840.0	3190.0	1.52	1.35	1.22	3190.0	7.63	7.94	8.08	1450.0	1.46	1.63	1.81
2890.0	3240.0	1.58	1.41	1.26	3240.0	8.68	8.95	9.08	1530.0	1.69	1.87	2.05
2930.0	3280.0	1.58	1.40	1.27	3280.0	9.48	9.79	9.90	1610.0	1.96	2.13	2.31
2980.0	3330.0	1.62	1.43	1.29	3330.0	9.79	9.90	9.74	1690.0	2.20	2.34	2.50
3020.0	3370.0	1.62	1.44	1.30	3370.0	10.19	10.37	10.43	1770.0	2.48	2.57	2.68
3070.0	3420.0	1.70	1.51	1.36	3420.0	9.48	9.33	8.95	1850.0	2.89	2.98	3.09
3110.0	3460.0	1.65	1.46	1.32	3460.0	8.72	8.68	8.68	1930.0	3.26	3.33	3.42
3160.0	3510.0	1.50	1.32	1.28	3510.0	9.23	9.04	8.51	2010.0	3.62	3.62	3.67
3200.0	3550.0	1.45	1.34	1.33	3550.0	11.24	11.24	11.17	2090.0	3.86	3.82	3.84
3250.0	3600.0	1.55	1.41	1.39	3600.0	11.61	10.82	9.74	2170.0	4.03	3.94	3.88
3290.0	3640.0	1.59	1.47	1.46	3640.0	12.44	12.18	11.69	2250.0	4.02	3.88	3.79
3340.0	3690.0	1.66	1.53	1.52	3690.0	12.35	11.53	10.31	2330.0	3.89	3.71	3.58
3380.0	3730.0	1.72	1.62	1.62	3730.0	12.61	12.09	11.38	2410.0	3.75	3.56	3.40
3430.0	3780.0	1.80	1.70	1.69	3780.0	12.61	11.85	10.82	2490.0	3.68	3.48	3.31
3470.0	3820.0	1.89	1.80	1.82	3820.0	12.35	11.69	10.75	2570.0	3.64	3.45	3.29
3520.0	3870.0	2.01	1.90	1.90	3870.0	12.71	12.18	11.31	2650.0	3.38	3.25	3.14
3560.0	3910.0	2.11	2.01	2.01	3910.0	11.93	11.24	10.13	2730.0	3.01	2.93	2.85
3610.0	3960.0	2.27	2.14	2.13	3960.0	12.52	12.18	11.53	2810.0	2.55	2.50	2.47
3650.0	4000.0	2.36	2.22	2.20	4000.0	11.77	11.03	9.85	2890.0	2.07	2.03	2.02
3700.0	4050.0	2.53	2.37	2.33	4050.0	12.26	12.01	11.61	2950.0	1.79	1.76	1.76
3740.0	4090.0	2.65	2.47	2.42	4090.0	11.38	10.62	9.53	3030.0	1.51	1.49	1.51
3790.0	4140.0	2.87	2.68	2.60	4140.0	11.77	11.53	11.24	3090.0	1.39	1.38	1.41

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	19	32	9	42	33	30	36	---	---
1	-	23	+0	30	24	36	41	43	47	50	59	---
2	63	53	54	61	63	64	64	66	72	62	66	---
3	>90	>82	75	75	65	>82	81	>82	>82	>82	81	74
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	---	---	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

Test conditions:

RF IN: 2590 MHz; 0.00 dBm.
LO IN: 2940 MHz; +17.00 dBm
IF OUT: 350 MHz; -7.64 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	29	39	20	51	44	42	43	---	---
1	-	23	+0	31	24	37	41	44	48	52	57	---
2	43	43	44	50	53	52	55	54	65	51	58	---
3	68	63	54	57	44	67	57	64	68	64	72	56
4	>90	73	79	69	78	70	77	77	87	80	80	74
5	>90	>92	>92	>92	79	79	71	86	90	>92	79	>92
6	>90	>92	>92	>92	>92	90	86	>92	88	>92	>92	>92
7	>90	>92	>92	>92	>92	>92	90	>92	88	>92	>92	>92
8	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
9	>90	92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
10	---	---	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 2590 MHz; 10.00 dBm.
LO IN: 2940 MHz; +17.00 dBm
IF OUT: 350 MHz; 2.23 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.