

Frequency Mixer

MCA-ED13466/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=456MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+13dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+10	+13	+16			+10	+13	+16			+10	+13	+16
3030.1	2574.1	10.41	9.40	8.36	3030.1	2574.1	14.39	16.81	17.45	3030.1	2574.1	-0.92	-0.69	-0.11
3060.1	2604.1	10.32	8.62	7.75	3060.1	2604.1	14.39	18.26	21.64	3060.1	2604.1	-0.88	0.02	0.41
3090.1	2634.1	9.71	8.30	7.64	3090.1	2634.1	15.28	18.98	22.66	3090.1	2634.1	-0.58	0.18	0.40
3110.1	2654.1	9.46	8.29	7.67	3110.1	2654.1	15.99	19.84	23.72	3110.1	2654.1	-0.42	0.26	0.41
3140.1	2684.1	9.60	8.34	7.70	3140.1	2684.1	16.42	20.50	24.35	3140.1	2684.1	-0.53	0.23	0.38
3170.1	2714.1	9.15	8.14	7.65	3170.1	2714.1	17.75	21.82	26.26	3170.1	2714.1	-0.28	0.30	0.35
3200.1	2744.1	8.71	8.05	7.71	3200.1	2744.1	19.18	23.86	28.59	3200.1	2744.1	0.04	0.31	0.28
3230.1	2774.1	8.64	8.02	7.77	3230.1	2774.1	19.95	24.79	29.81	3230.1	2774.1	0.11	0.30	0.22
3260.1	2804.1	8.38	7.87	7.70	3260.1	2804.1	20.51	25.62	28.96	3260.1	2804.1	0.23	0.27	0.21
3280.1	2824.1	8.22	7.84	7.73	3280.1	2824.1	21.29	26.24	29.21	3280.1	2824.1	0.29	0.26	0.18
3310.1	2854.1	8.16	7.86	7.80	3310.1	2854.1	21.58	25.88	31.92	3310.1	2854.1	0.35	0.25	0.18
3340.1	2884.1	8.10	7.74	7.64	3340.1	2884.1	20.92	24.58	29.93	3340.1	2884.1	0.32	0.24	0.21
3370.1	2914.1	7.94	7.70	7.70	3370.1	2914.1	21.01	24.34	29.75	3370.1	2914.1	0.29	0.20	0.14
3400.1	2944.1	8.05	7.85	7.83	3400.1	2944.1	22.08	25.94	31.35	3400.1	2944.1	0.29	0.17	0.15
3415.1	2959.1	8.06	7.81	7.78	3415.1	2959.1	22.65	26.58	36.24	3415.1	2959.1	0.27	0.17	0.14
3430.1	2974.1	8.04	7.78	7.72	3430.1	2974.1	22.92	27.17	36.48	3430.1	2974.1	0.24	0.15	0.15
3440.1	2984.1	7.97	7.76	7.73	3440.1	2984.1	23.12	27.24	36.03	3440.1	2984.1	0.27	0.14	0.14
3455.1	2999.1	7.95	7.74	7.73	3455.1	2999.1	23.33	27.46	37.40	3455.1	2999.1	0.27	0.17	0.14
3470.1	3014.1	7.94	7.80	7.81	3470.1	3014.1	23.98	27.81	40.16	3470.1	3014.1	0.30	0.16	0.13
3485.1	3029.1	8.02	7.87	7.90	3485.1	3029.1	24.05	27.87	36.46	3485.1	3029.1	0.35	0.20	0.13
3500.1	3044.1	8.08	7.93	7.94	3500.1	3044.1	23.82	27.36	36.10	3500.1	3044.1	0.39	0.18	0.11
3515.1	3059.1	8.11	7.89	7.86	3515.1	3059.1	23.69	26.91	35.27	3515.1	3059.1	0.40	0.19	0.14
3525.1	3069.1	8.07	7.86	7.86	3525.1	3069.1	23.14	26.87	37.46	3525.1	3069.1	0.42	0.19	0.11
3540.1	3084.1	8.03	7.83	7.83	3540.1	3084.1	22.75	26.46	35.32	3540.1	3084.1	0.41	0.19	0.14
3555.1	3099.1	8.01	7.88	7.87	3555.1	3099.1	22.45	25.91	33.81	3555.1	3099.1	0.41	0.17	0.13
3570.1	3114.1	8.08	7.92	7.95	3570.1	3114.1	22.53	26.36	32.18	3570.1	3114.1	0.44	0.19	0.12
3585.1	3129.1	8.20	8.02	8.00	3585.1	3129.1	22.27	25.74	33.39	3585.1	3129.1	0.45	0.18	0.13
3600.1	3144.1	8.29	8.04	8.02	3600.1	3144.1	22.20	25.10	29.65	3600.1	3144.1	0.45	0.21	0.12
3660.1	3204.1	8.46	8.16	8.09	3660.1	3204.1	21.10	24.39	28.76	3660.1	3204.1	0.38	0.20	0.14
3700.1	3244.1	8.86	8.41	8.28	3700.1	3244.1	20.94	23.78	27.17	3700.1	3244.1	0.33	0.22	0.12
3760.1	3304.1	8.99	8.56	8.40	3760.1	3304.1	21.44	24.04	28.10	3760.1	3304.1	0.33	0.21	0.12
3820.1	3364.1	9.40	8.75	8.48	3820.1	3364.1	21.72	23.94	25.92	3820.1	3364.1	0.09	0.16	0.11
3880.1	3424.1	10.14	9.35	8.98	3880.1	3424.1	22.98	24.36	25.46	3880.1	3424.1	-0.10	0.07	0.05
3940.1	3484.1	10.32	9.51	9.20	3940.1	3484.1	26.36	27.42	28.37	3940.1	3484.1	-0.15	0.11	0.09
4000.1	3544.1	11.09	9.97	9.51	4000.1	3544.1	24.53	24.54	27.72	4000.1	3544.1	-0.31	0.19	0.20
4040.1	3584.1	11.24	10.13	9.64	4040.1	3584.1	21.96	23.82	29.72	4040.1	3584.1	-0.24	0.20	0.21
4100.1	3644.1	12.04	10.58	9.89	4100.1	3644.1	20.04	22.20	26.77	4100.1	3644.1	-0.55	0.13	0.21
4160.1	3704.1	12.69	11.11	10.29	4160.1	3704.1	18.90	21.20	25.35	4160.1	3704.1	-0.67	0.04	0.20
4200.1	3744.1	12.80	11.16	10.25	4200.1	3744.1	18.43	21.36	25.45	4200.1	3744.1	-0.74	-0.02	0.19

Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3500.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3400MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3600.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+13			+13			+13
1000.1	2500.0	12.22	50.0	3450.0	14.49	1100.1	2500.0	12.74
950.1	2550.0	12.84	75.0	3475.0	11.84	1070.1	2530.0	12.64
900.1	2600.0	10.89	100.0	3500.0	10.61	1050.1	2550.0	13.17
850.1	2650.0	10.08	125.0	3525.0	9.82	1020.1	2580.0	11.63
787.6	2712.5	9.61	150.0	3550.0	9.30	1000.1	2600.0	11.22
737.6	2762.5	9.13	175.0	3575.0	8.98	970.1	2630.0	10.70
687.6	2812.5	8.83	200.0	3600.0	8.75	940.1	2660.0	10.24
637.6	2862.5	8.71	225.0	3625.0	8.65	920.1	2680.0	10.11
587.6	2912.5	8.53	250.0	3650.0	8.57	890.1	2710.0	9.84
537.6	2962.5	8.32	275.0	3675.0	8.48	870.1	2730.0	9.63
475.1	3025.0	8.17	300.0	3700.0	8.53	840.1	2760.0	9.43
425.1	3075.0	8.03	325.0	3725.0	8.55	820.1	2780.0	9.42
375.1	3125.0	7.84	350.0	3750.0	8.56	790.1	2810.0	9.24
325.1	3175.0	7.82	375.0	3775.0	8.56	760.1	2840.0	9.01
275.1	3225.0	7.83	400.0	3800.0	8.75	740.1	2860.0	9.07
225.1	3275.0	7.97	425.0	3825.0	8.88	710.1	2890.0	8.98
175.1	3325.0	8.49	450.0	3850.0	8.87	690.1	2910.0	8.86
112.6	3387.5	9.88	475.0	3875.0	9.00	660.1	2940.0	8.75
62.6	3437.5	13.20	500.0	3900.0	9.19	630.1	2970.0	8.67
12.6	3487.5	25.88	525.0	3925.0	9.26	610.1	2990.0	8.59
50.0	3550.0	14.82	537.5	3937.5	9.25	580.1	3020.0	8.55
100.0	3600.0	11.03	562.5	3962.5	9.33	560.1	3040.0	8.51
137.5	3637.5	9.89	587.5	3987.5	9.56	530.1	3070.0	8.40
187.5	3687.5	9.15	612.5	4012.5	9.57	500.1	3100.0	8.38
225.0	3725.0	9.02	637.5	4037.5	9.57	480.1	3120.0	8.30
275.0	3775.0	8.81	662.5	4062.5	9.68	450.1	3150.0	8.22
312.5	3812.5	9.01	687.5	4087.5	9.73	430.1	3170.0	8.15
362.5	3862.5	9.01	712.5	4112.5	9.72	400.1	3200.0	8.14
400.0	3900.0	9.20	737.5	4137.5	9.70	370.1	3230.0	8.15
450.0	3950.0	9.28	762.5	4162.5	9.76	350.1	3250.0	8.14
487.5	3987.5	9.54	787.5	4187.5	10.03	320.1	3280.0	8.10
537.5	4037.5	9.57	812.5	4212.5	10.03	300.1	3300.0	8.14
575.0	4075.0	9.84	837.5	4237.5	9.97	270.1	3330.0	8.26
625.0	4125.0	9.86	862.5	4262.5	10.16	250.1	3350.0	8.35
675.0	4175.0	10.12	887.5	4287.5	10.43	220.1	3380.0	8.42
712.5	4212.5	10.07	912.5	4312.5	10.34	190.1	3410.0	8.79
762.5	4262.5	10.16	937.5	4337.5	10.21	170.1	3430.0	9.07
800.0	4300.0	10.49	962.5	4362.5	10.35	140.1	3460.0	9.50
850.0	4350.0	10.36	987.5	4387.5	10.58	120.1	3480.0	10.00
887.5	4387.5	10.71	1000.0	4400.0	10.53	100.1	3500.0	10.97

Frequency Mixer

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+10	+13	+16	+10	+13	+16
2574.1	35.18	35.15	36.36	32.18	29.92	29.40
2604.1	34.06	35.09	36.12	31.93	30.10	28.77
2634.1	34.04	34.46	34.91	30.03	28.19	26.99
2654.1	32.76	33.55	34.46	28.62	26.88	25.87
2684.1	33.11	33.80	34.71	27.85	26.19	25.20
2714.1	33.48	34.12	34.96	26.54	24.97	24.01
2744.1	33.74	34.34	35.21	24.55	23.24	22.39
2774.1	33.38	33.71	34.11	23.66	22.45	21.61
2804.1	33.07	33.39	33.64	22.72	21.72	20.97
2824.1	32.60	32.67	32.79	21.78	21.03	20.43
2854.1	31.48	31.92	32.48	20.91	20.67	20.48
2884.1	32.03	33.40	35.01	21.20	21.62	21.98
2914.1	32.01	33.70	35.19	21.27	22.31	23.15
2944.1	34.24	37.21	40.04	22.15	23.84	25.21
2959.1	35.39	38.69	41.95	22.71	24.73	26.41
2974.1	37.28	41.19	46.08	23.46	25.83	27.93
2984.1	38.52	42.31	46.94	23.90	26.47	28.77
2999.1	40.28	43.68	46.60	24.65	27.49	30.14
3014.1	45.42	49.90	48.63	25.40	28.52	31.67
3029.1	47.04	49.22	47.05	26.09	29.35	32.77
3044.1	45.81	50.49	51.17	26.80	30.15	33.69
3059.1	45.26	50.31	54.74	27.57	30.97	34.62
3069.1	44.65	47.60	49.46	28.25	31.80	35.70
3084.1	46.16	47.75	47.51	29.32	33.13	37.52
3099.1	48.55	48.43	47.12	30.25	34.12	38.46
3114.1	51.54	50.33	48.16	30.77	34.56	38.39
3129.1	57.52	51.37	47.79	31.48	35.05	38.49
3144.1	53.35	46.61	43.86	32.02	35.42	38.56
3204.1	42.07	40.65	39.75	34.96	37.83	39.98
3244.1	41.80	40.88	40.25	37.19	39.86	41.85
3304.1	38.51	37.87	37.42	40.64	42.81	43.39
3364.1	36.52	35.88	35.59	44.80	46.39	45.35
3424.1	34.15	33.23	32.83	55.33	54.87	49.56
3484.1	32.95	32.42	32.19	46.46	42.40	39.74
3544.1	38.11	36.66	35.70	39.10	37.01	35.65
3584.1	41.71	40.07	38.60	37.29	35.49	34.31
3644.1	40.95	41.26	40.64	36.84	35.06	33.81
3704.1	36.93	37.93	38.61	36.38	34.64	33.39
3744.1	39.53	40.28	40.97	36.09	34.34	33.08

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+10	+13	+16
3030.1	2574.1	30.44	34.22	34.76
3060.1	2604.1	28.44	29.69	29.56
3090.1	2634.1	26.84	26.75	25.98
3110.1	2654.1	25.39	24.71	23.95
3140.1	2684.1	23.65	22.86	22.41
3170.1	2714.1	22.37	21.82	21.66
3200.1	2744.1	22.04	22.04	22.19
3230.1	2774.1	21.90	22.19	22.66
3260.1	2804.1	21.47	21.98	22.53
3280.1	2824.1	21.30	21.89	22.44
3310.1	2854.1	21.19	21.56	21.96
3340.1	2884.1	21.71	22.37	22.99
3370.1	2914.1	22.63	23.54	24.28
3400.1	2944.1	23.53	24.37	25.05
3415.1	2959.1	23.67	24.49	25.14
3430.1	2974.1	23.93	24.59	25.12
3440.1	2984.1	23.90	24.47	24.99
3455.1	2999.1	23.92	24.20	24.48
3470.1	3014.1	23.98	24.28	24.45
3485.1	3029.1	23.85	23.87	23.86
3500.1	3044.1	23.88	23.77	23.77
3515.1	3059.1	23.45	23.24	23.14
3525.1	3069.1	23.65	23.44	23.38
3540.1	3084.1	23.32	22.97	22.84
3555.1	3099.1	23.52	22.97	22.80
3570.1	3114.1	23.43	22.88	22.72
3585.1	3129.1	23.45	23.15	22.95
3600.1	3144.1	23.07	22.78	22.55
3660.1	3204.1	23.41	23.15	22.96
3700.1	3244.1	24.10	23.94	23.83
3760.1	3304.1	25.21	25.26	25.32
3820.1	3364.1	26.66	27.07	27.43
3880.1	3424.1	27.88	28.48	29.13
3940.1	3484.1	29.72	30.42	31.07
4000.1	3544.1	31.61	31.95	32.46
4040.1	3584.1	34.77	35.08	35.62
4100.1	3644.1	42.73	40.91	39.53
4160.1	3704.1	44.05	41.38	37.74
4200.1	3744.1	37.25	37.26	35.22

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=3144MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+10	+13	+16		+10	+13	+16		+10	+13	+16
3030.1	2574.1	2.31	1.77	1.38	2574.1	19.14	16.18	16.54	100.0	3.93	3.74	3.42
3060.1	2604.1	2.26	1.74	1.39	2604.1	16.81	15.59	14.21	120.0	3.09	2.87	2.80
3090.1	2634.1	2.17	1.70	1.41	2634.1	15.31	14.27	13.22	130.0	2.85	2.67	2.57
3110.1	2654.1	2.09	1.69	1.43	2654.1	14.38	13.44	12.58	140.0	2.46	2.33	2.34
3140.1	2684.1	2.03	1.68	1.46	2684.1	12.93	11.93	10.97	150.0	2.28	2.16	2.10
3170.1	2714.1	1.93	1.65	1.52	2714.1	11.27	10.34	9.49	160.0	2.09	1.97	1.97
3200.1	2744.1	1.85	1.65	1.59	2744.1	9.87	9.04	8.43	170.0	1.90	1.81	1.84
3230.1	2774.1	1.79	1.62	1.59	2774.1	8.59	7.78	7.17	190.0	1.67	1.65	1.73
3260.1	2804.1	1.70	1.58	1.60	2804.1	7.33	6.59	6.04	220.0	1.46	1.42	1.51
3280.1	2824.1	1.69	1.62	1.66	2824.1	6.49	5.88	5.45	240.0	1.28	1.27	1.38
3310.1	2854.1	1.73	1.69	1.75	2854.1	5.50	5.04	4.71	260.0	1.16	1.20	1.35
3340.1	2884.1	1.73	1.71	1.78	2884.1	4.81	4.46	4.21	290.0	1.03	1.17	1.34
3370.1	2914.1	1.73	1.77	1.87	2914.1	4.22	4.02	3.89	310.0	1.07	1.13	1.32
3400.1	2944.1	1.76	1.82	1.92	2944.1	3.84	3.71	3.64	330.0	1.17	1.18	1.32
3415.1	2959.1	1.78	1.83	1.92	2959.1	3.71	3.61	3.54	360.0	1.27	1.31	1.39
3430.1	2974.1	1.79	1.83	1.93	2974.1	3.61	3.53	3.48	380.0	1.34	1.35	1.45
3440.1	2984.1	1.80	1.86	1.94	2984.1	3.55	3.49	3.46	400.0	1.39	1.39	1.45
3455.1	2999.1	1.83	1.89	1.98	2999.1	3.49	3.45	3.45	430.0	1.54	1.52	1.53
3470.1	3014.1	1.86	1.91	2.00	3014.1	3.45	3.44	3.45	451.0	1.64	1.62	1.64
3485.1	3029.1	1.89	1.93	2.01	3029.1	3.44	3.44	3.47	452.0	1.63	1.61	1.64
3500.1	3044.1	1.92	1.95	2.03	3044.1	3.47	3.48	3.51	454.0	1.64	1.62	1.67
3515.1	3059.1	1.95	1.98	2.04	3059.1	3.53	3.56	3.61	457.0	1.67	1.63	1.68
3525.1	3069.1	1.97	2.00	2.07	3069.1	3.58	3.64	3.70	459.0	1.66	1.63	1.68
3540.1	3084.1	2.02	2.05	2.12	3084.1	3.68	3.76	3.85	461.0	1.68	1.63	1.67
3555.1	3099.1	2.08	2.11	2.17	3099.1	3.78	3.88	3.99	490.0	1.76	1.70	1.71
3570.1	3114.1	2.13	2.15	2.20	3114.1	3.89	4.00	4.11	510.0	1.81	1.77	1.76
3585.1	3129.1	2.19	2.19	2.23	3129.1	4.02	4.13	4.24	530.0	1.90	1.83	1.82
3600.1	3144.1	2.24	2.23	2.27	3144.1	4.18	4.30	4.40	560.0	2.01	1.92	1.92
3660.1	3204.1	2.45	2.42	2.45	3204.1	4.94	5.11	5.28	580.0	2.02	1.93	1.91
3700.1	3244.1	2.56	2.50	2.51	3244.1	5.46	5.62	5.73	600.0	2.11	1.99	1.97
3760.1	3304.1	2.71	2.62	2.61	3304.1	6.32	6.48	6.62	630.0	2.17	2.06	2.03
3820.1	3364.1	2.88	2.76	2.72	3364.1	7.02	7.15	7.29	650.0	2.26	2.13	2.10
3880.1	3424.1	3.16	2.98	2.89	3424.1	7.19	7.08	6.88	670.0	2.26	2.13	2.07
3940.1	3484.1	3.41	3.17	3.06	3484.1	7.28	7.12	7.03	690.0	2.31	2.17	2.10
4000.1	3544.1	3.59	3.29	3.16	3544.1	8.40	8.28	8.11	720.0	2.33	2.19	2.14
4040.1	3584.1	3.84	3.53	3.39	3584.1	9.71	9.65	9.59	740.0	2.40	2.25	2.19
4100.1	3644.1	4.25	3.85	3.65	3644.1	10.45	10.21	9.86	760.0	2.37	2.23	2.16
4160.1	3704.1	4.76	4.26	4.01	3704.1	11.02	10.60	10.03	790.0	2.49	2.28	2.22
4200.1	3744.1	4.99	4.46	4.16	3744.1	11.40	11.07	10.62	800.0	2.48	2.30	2.22

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	9.47	22.44	35.10	21.94	31.95	27.74	41.29	52.53	52.53	52.53
1	---	5.71	+0	25.45	21.57	30.21	34.58	43.05	60.28	56.34	52.53	52.53
2	90.10	40.98	59.82	55.94	46.92	45.57	55.30	51.72	65.90	69.64	76.43	64.81
3	102.29	64.10	61.39	63.04	55.07	61.73	58.22	65.43	65.78	77.17	76.21	78.61
4	111.33	93.98	98.96	85.30	93.63	87.93	83.31	91.71	90.33	89.13	96.60	94.34
5	102.35	94.93	105.53	100.48	92.94	98.36	77.71	76.80	87.06	93.23	106.81	97.08
6	102.05	88.77	93.14	91.71	91.15	104.00	96.29	81.20	77.32	80.11	92.19	97.80
7	---	52.53	88.64	92.12	99.74	95.60	95.49	93.42	87.31	72.36	85.70	98.51
8	---	52.53	52.53	91.74	85.93	93.79	98.52	103.88	88.16	84.77	82.96	94.01
9	---	52.53	52.53	52.53	100.70	94.70	90.62	101.50	93.91	94.34	86.75	78.04
10	---	52.53	52.53	52.53	52.53	94.52	91.89	90.81	96.08	93.98	93.99	88.88
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 3500.00 (MHz), 0.00 dBm.
LO IN: 3044.00 (MHz), 13.00 dBm
IF OUT: 456.00 (MHz), -8.33 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	20.17	31.30	43.97	36.07	41.83	43.18	52.53	56.59	56.59	56.59
1	---	6.03	+0	26.36	22.61	31.53	36.69	44.92	61.72	56.56	56.59	56.59
2	80.49	31.56	55.78	46.21	38.30	38.37	48.84	46.19	64.88	67.13	69.44	62.79
3	114.05	45.56	42.91	45.97	36.27	41.94	42.28	48.47	56.09	71.28	68.97	69.64
4	123.87	78.36	73.21	58.85	62.59	57.93	62.40	61.98	71.48	66.24	88.56	76.20
5	116.29	87.77	83.19	69.35	73.18	61.61	52.70	58.29	56.64	60.32	63.21	71.47
6	113.16	100.72	94.56	91.07	100.28	90.04	78.85	77.75	73.84	74.24	76.31	81.02
7	---	56.59	94.97	99.13	103.34	96.25	82.05	81.92	79.27	76.66	66.73	71.75
8	---	56.59	56.59	98.91	103.08	101.17	94.27	98.64	84.36	82.86	77.51	78.88
9	---	56.59	56.59	56.59	96.11	98.53	99.37	115.96	98.63	88.70	85.86	94.83
10	---	56.59	56.59	56.59	56.59	108.67	99.19	110.77	110.52	105.44	107.76	95.91
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 3500.00 (MHz), 10.00 dBm.
LO IN: 3044.00 (MHz), 13.00 dBm
IF OUT: 456.00 (MHz), 1.92 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 represents the Harmonics level of the RF Input Signal to the mixer