

Frequency Mixer

AMCY-ED13354/4

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=184MHz (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)		
		-1	+2	+5			-1	+2	+5			-1	+2	+5
1500.0	1684.0	6.54	6.56	6.61	1500.0	1684.0	16.94	15.42	15.52	1500.0	1684.0	0.24	0.11	0.13
1550.0	1734.0	6.63	6.66	6.68	1550.0	1734.0	17.90	17.06	17.75	1550.0	1734.0	0.16	0.06	0.06
1600.0	1784.0	6.73	6.76	6.79	1600.0	1784.0	17.81	16.66	16.13	1600.0	1784.0	0.12	0.03	0.02
1650.0	1834.0	6.71	6.73	6.78	1650.0	1834.0	16.18	15.45	17.61	1650.0	1834.0	0.15	0.08	0.07
1700.0	1884.0	6.67	6.70	6.75	1700.0	1884.0	21.32	22.32	22.11	1700.0	1884.0	0.18	0.14	0.20
1750.0	1934.0	6.64	6.71	6.83	1750.0	1934.0	23.21	22.34	22.45	1750.0	1934.0	0.16	0.15	0.16
1800.0	1984.0	6.38	6.44	6.57	1800.0	1984.0	21.77	21.35	20.69	1800.0	1984.0	0.13	0.12	0.12
1850.0	2034.0	6.45	6.54	6.71	1850.0	2034.0	23.43	21.36	20.55	1850.0	2034.0	0.08	0.08	0.09
1900.0	2084.0	6.69	6.81	6.96	1900.0	2084.0	27.45	26.41	24.81	1900.0	2084.0	0.04	0.04	0.06
1950.0	2134.0	7.00	7.14	7.41	1950.0	2134.0	26.40	28.29	24.28	1950.0	2134.0	-0.01	0.01	0.02
2000.0	2184.0	7.26	7.43	7.64	2000.0	2184.0	28.76	31.50	27.36	2000.0	2184.0	0.01	0.01	0.00
2060.0	2244.0	7.36	7.50	7.62	2060.0	2244.0	27.24	29.50	31.17	2060.0	2244.0	0.04	0.03	0.01
2065.0	2249.0	7.36	7.51	7.62	2065.0	2249.0	26.67	28.84	32.82	2065.0	2249.0	0.04	0.04	0.02
2075.0	2259.0	7.35	7.48	7.60	2075.0	2259.0	25.51	27.06	30.03	2075.0	2259.0	0.04	0.03	0.02
2085.0	2269.0	7.32	7.44	7.55	2085.0	2269.0	24.92	26.70	29.06	2085.0	2269.0	0.03	0.02	0.01
2095.0	2279.0	7.28	7.39	7.50	2095.0	2279.0	25.04	28.03	30.42	2095.0	2279.0	0.03	0.01	0.00
2105.0	2289.0	7.27	7.36	7.47	2105.0	2289.0	25.27	28.77	35.26	2105.0	2289.0	0.03	0.01	-0.01
2115.0	2299.0	7.28	7.36	7.46	2115.0	2299.0	24.93	28.45	31.13	2115.0	2299.0	0.04	0.02	0.00
2125.0	2309.0	7.29	7.37	7.46	2125.0	2309.0	24.32	26.99	28.82	2125.0	2309.0	0.04	0.02	0.00
2135.0	2319.0	7.31	7.38	7.48	2135.0	2319.0	24.14	26.94	28.43	2135.0	2319.0	0.04	0.02	0.01
2150.0	2334.0	7.34	7.39	7.47	2150.0	2334.0	24.58	28.28	32.07	2150.0	2334.0	0.03	0.01	0.00
2160.0	2344.0	7.35	7.38	7.45	2160.0	2344.0	24.68	29.30	33.73	2160.0	2344.0	0.04	0.02	0.01
2170.0	2354.0	7.34	7.37	7.42	2170.0	2354.0	24.32	28.59	30.50	2170.0	2354.0	0.04	0.01	0.01
2180.0	2364.0	7.37	7.38	7.43	2180.0	2364.0	24.00	27.35	29.30	2180.0	2364.0	0.03	0.02	0.01
2190.0	2374.0	7.40	7.40	7.44	2190.0	2374.0	24.00	27.64	30.57	2190.0	2374.0	0.03	0.01	0.00
2200.0	2384.0	7.43	7.42	7.45	2200.0	2384.0	24.33	29.07	32.19	2200.0	2384.0	0.02	0.01	0.00
2210.0	2394.0	7.45	7.43	7.46	2210.0	2394.0	24.42	30.04	34.74	2210.0	2394.0	0.03	0.02	0.01
2220.0	2404.0	7.46	7.43	7.45	2220.0	2404.0	23.95	28.15	30.43	2220.0	2404.0	0.03	0.02	0.01
2275.0	2459.0	7.55	7.53	7.55	2275.0	2459.0	22.28	25.21	27.13	2275.0	2459.0	0.03	0.02	0.00
2325.0	2509.0	7.59	7.57	7.61	2325.0	2509.0	21.78	24.16	26.03	2325.0	2509.0	0.04	0.03	0.01
2375.0	2559.0	7.65	7.63	7.68	2375.0	2559.0	21.47	23.14	24.88	2375.0	2559.0	0.05	0.03	0.01
2425.0	2609.0	7.72	7.67	7.73	2425.0	2609.0	21.21	22.58	23.99	2425.0	2609.0	0.06	0.04	0.01
2475.0	2659.0	7.79	7.72	7.74	2475.0	2659.0	20.93	22.80	24.46	2475.0	2659.0	0.07	0.04	0.02
2525.0	2709.0	7.98	7.89	7.86	2525.0	2709.0	20.68	21.57	22.53	2525.0	2709.0	0.09	0.05	0.03
2575.0	2759.0	8.17	8.10	8.06	2575.0	2759.0	21.95	21.81	22.33	2575.0	2759.0	0.06	0.05	0.03
2625.0	2809.0	8.50	8.45	8.42	2625.0	2809.0	21.81	22.47	24.05	2625.0	2809.0	0.07	0.05	0.03
2675.0	2859.0	8.51	8.41	8.36	2675.0	2859.0	20.21	23.24	26.62	2675.0	2859.0	0.06	0.04	0.04
2725.0	2909.0	8.67	8.45	8.34	2725.0	2909.0	17.65	20.95	22.54	2725.0	2909.0	0.07	0.05	0.06
2775.0	2959.0	8.77	8.45	8.28	2775.0	2959.0	16.08	18.37	19.29	2775.0	2959.0	0.08	0.06	0.08
2800.0	2984.0	9.03	8.64	8.42	2800.0	2984.0	15.10	17.44	18.40	2800.0	2984.0	0.07	0.05	0.08



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IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2140MHz (dB)
		@LO (dBm) +2
820.0	1320.0	10.73
780.0	1360.0	10.02
740.0	1400.0	9.39
690.0	1450.0	8.88
650.0	1490.0	8.85
610.0	1530.0	8.46
570.0	1570.0	8.41
530.0	1610.0	8.02
480.0	1660.0	7.76
440.0	1700.0	7.43
400.0	1740.0	7.14
360.0	1780.0	7.09
320.0	1820.0	6.85
270.0	1870.0	7.18
230.0	1910.0	7.16
190.0	1950.0	7.25
150.0	1990.0	7.24
110.0	2030.0	7.14
60.0	2080.0	7.06
20.0	2120.0	6.99
10.0	2150.0	7.07
76.2	2216.2	7.30
142.4	2282.4	7.38
208.6	2348.6	7.44
258.3	2398.3	7.74
324.5	2464.5	7.73
390.7	2530.7	7.61
457.0	2597.0	7.49
523.2	2663.2	7.34
589.4	2729.4	7.43
639.1	2779.1	7.49
705.3	2845.3	7.83
771.5	2911.5	8.25
837.7	2977.7	8.09
903.9	3043.9	8.04
970.1	3110.1	8.15
1036.4	3176.4	8.14
1086.0	3226.0	8.29
1152.2	3292.2	8.60
1218.4	3358.4	8.88

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2060MHz (dB)
		@LO (dBm) +2
10.0	2070.0	6.76
20.0	2080.0	6.81
25.0	2085.0	6.84
35.0	2095.0	6.92
40.0	2100.0	6.92
50.0	2110.0	6.99
55.0	2115.0	7.02
65.0	2125.0	7.05
75.0	2135.0	7.11
80.0	2140.0	7.13
90.0	2150.0	7.15
95.0	2155.0	7.18
105.0	2165.0	7.20
110.0	2170.0	7.23
120.0	2180.0	7.30
125.0	2185.0	7.34
135.0	2195.0	7.42
145.0	2205.0	7.47
150.0	2210.0	7.50
160.0	2220.0	7.54
165.0	2225.0	7.56
175.0	2235.0	7.54
180.0	2240.0	7.53
190.0	2250.0	7.50
200.0	2260.0	7.48
205.0	2265.0	7.47
215.0	2275.0	7.49
220.0	2280.0	7.51
230.0	2290.0	7.55
235.0	2295.0	7.58
245.0	2305.0	7.67
250.0	2310.0	7.70
260.0	2320.0	7.71
270.0	2330.0	7.71
275.0	2335.0	7.73
285.0	2345.0	7.73
290.0	2350.0	7.73
300.0	2360.0	7.71
305.0	2365.0	7.71
310.0	2370.0	7.73

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2220MHz (dB)
		@LO (dBm) +2
1329.9	890.1	11.10
1289.9	930.1	10.40
1269.9	950.1	9.92
1229.9	990.1	10.15
1189.9	1030.1	9.93
1149.9	1070.1	10.43
1129.9	1090.1	10.80
1089.9	1130.1	10.16
1049.9	1170.1	9.67
1029.9	1190.1	9.78
989.9	1230.1	10.34
949.9	1270.1	10.99
909.9	1310.1	10.78
889.9	1330.1	10.51
849.9	1370.1	9.98
809.9	1410.1	9.42
789.9	1430.1	9.26
749.9	1470.1	9.00
709.9	1510.1	8.86
669.9	1550.1	8.85
649.9	1570.1	8.72
609.9	1610.1	8.34
569.9	1650.1	8.03
529.9	1690.1	7.76
509.9	1710.1	7.61
469.9	1750.1	7.42
429.9	1790.1	7.23
409.9	1810.1	7.16
369.9	1850.1	7.40
329.9	1890.1	7.48
289.9	1930.1	7.64
269.9	1950.1	7.68
229.9	1990.1	7.56
189.9	2030.1	7.54
169.9	2050.1	7.53
129.9	2090.1	7.31
89.9	2130.1	7.24
49.9	2170.1	7.22
29.9	2190.1	7.16
9.9	2210.1	7.07

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LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	-1	+2	+5	-1	+2	+5
2084.0	21.27	18.87	20.52	11.57	13.01	15.86
2134.0	19.82	17.83	18.29	13.00	14.14	16.21
2184.0	20.77	20.42	19.55	11.31	12.21	14.31
2234.0	20.88	20.55	20.56	7.92	8.75	10.43
2244.0	20.46	20.00	20.23	7.65	8.42	10.11
2249.0	20.16	19.65	20.01	7.57	8.31	9.99
2254.0	19.85	19.28	19.77	7.51	8.23	9.92
2259.0	19.52	18.91	19.51	7.49	8.20	9.89
2264.0	19.17	18.51	19.22	7.47	8.18	9.87
2269.0	18.83	18.13	18.93	7.47	8.18	9.88
2279.0	18.10	17.35	18.31	7.47	8.20	9.90
2284.0	17.72	16.95	17.98	7.47	8.22	9.94
2289.0	17.35	16.58	17.67	7.48	8.25	9.99
2294.0	16.99	16.24	17.42	7.47	8.27	10.03
2299.0	16.66	15.95	17.22	7.45	8.29	10.08
2304.0	16.36	15.69	17.06	7.44	8.31	10.13
2309.0	16.07	15.45	16.91	7.41	8.31	10.16
2314.0	15.80	15.23	16.78	7.39	8.33	10.20
2319.0	15.52	15.01	16.64	7.37	8.33	10.23
2324.0	15.27	14.81	16.52	7.35	8.32	10.25
2329.0	15.03	14.62	16.41	7.32	8.31	10.26
2334.0	14.79	14.45	16.30	7.29	8.29	10.25
2339.0	14.58	14.30	16.21	7.26	8.26	10.24
2344.0	14.41	14.19	16.16	7.25	8.24	10.24
2349.0	14.28	14.13	16.16	7.24	8.22	10.24
2354.0	14.19	14.11	16.19	7.23	8.21	10.24
2359.0	14.15	14.14	16.26	7.25	8.22	10.25
2364.0	14.14	14.20	16.35	7.27	8.23	10.26
2369.0	14.16	14.29	16.47	7.30	8.24	10.28
2374.0	14.19	14.39	16.59	7.33	8.26	10.31
2384.0	14.26	14.62	16.86	7.40	8.33	10.39
2389.0	14.33	14.76	17.03	7.45	8.37	10.44
2394.0	14.41	14.93	17.21	7.49	8.43	10.51
2399.0	14.52	15.11	17.41	7.55	8.49	10.59
2404.0	14.64	15.31	17.63	7.60	8.56	10.67
2434.0	15.68	16.65	19.10	8.06	9.13	11.30
2484.0	17.89	19.73	22.44	9.88	11.09	13.27
2534.0	19.76	22.21	25.74	12.53	14.02	16.26
2584.0	20.99	23.22	28.16	16.40	17.83	20.35

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		-1	+2	+5
1900.0	2084.0	25.45	23.90	22.87
1950.0	2134.0	23.56	22.08	20.24
2000.0	2184.0	23.04	21.61	19.99
2050.0	2234.0	22.45	21.37	20.31
2060.0	2244.0	22.32	21.34	20.37
2065.0	2249.0	22.27	21.34	20.40
2070.0	2254.0	22.22	21.32	20.43
2075.0	2259.0	22.16	21.31	20.45
2080.0	2264.0	22.11	21.29	20.46
2085.0	2269.0	22.05	21.26	20.46
2095.0	2279.0	21.93	21.17	20.40
2100.0	2284.0	21.84	21.10	20.36
2105.0	2289.0	21.77	21.05	20.31
2110.0	2294.0	21.71	21.00	20.29
2115.0	2299.0	21.66	20.96	20.26
2120.0	2304.0	21.60	20.91	20.23
2125.0	2309.0	21.54	20.86	20.20
2130.0	2314.0	21.48	20.81	20.16
2135.0	2319.0	21.42	20.74	20.11
2140.0	2324.0	21.36	20.68	20.05
2145.0	2329.0	21.28	20.61	20.00
2150.0	2334.0	21.20	20.55	19.93
2155.0	2339.0	21.14	20.48	19.88
2160.0	2344.0	21.07	20.42	19.82
2165.0	2349.0	21.01	20.37	19.79
2170.0	2354.0	20.97	20.35	19.78
2175.0	2359.0	20.94	20.34	19.79
2180.0	2364.0	20.92	20.36	19.82
2185.0	2369.0	20.93	20.40	19.86
2190.0	2374.0	20.94	20.42	19.90
2200.0	2384.0	20.98	20.51	20.00
2205.0	2389.0	21.01	20.57	20.07
2210.0	2394.0	21.05	20.64	20.13
2215.0	2399.0	21.09	20.70	20.20
2220.0	2404.0	21.12	20.75	20.26
2250.0	2434.0	21.55	21.27	20.77
2300.0	2484.0	23.00	22.80	22.11
2350.0	2534.0	24.60	24.40	23.52
2400.0	2584.0	26.33	26.06	24.79

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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=2354MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		-1	+2	+5		-1	+2	+5		-1	+2	+5
1900.0	2084.0	1.28	1.38	1.40	2084.0	1.61	1.42	1.38	10.0	1.62	1.74	1.81
1950.0	2134.0	1.43	1.54	1.57	2134.0	1.52	1.32	1.32	30.0	1.59	1.71	1.78
2000.0	2184.0	1.53	1.66	1.72	2184.0	1.44	1.24	1.22	50.0	1.57	1.68	1.74
2050.0	2234.0	1.54	1.66	1.72	2234.0	1.36	1.18	1.09	70.0	1.58	1.69	1.74
2060.0	2244.0	1.53	1.64	1.71	2244.0	1.35	1.18	1.08	90.0	1.59	1.70	1.76
2065.0	2249.0	1.51	1.62	1.69	2249.0	1.34	1.17	1.07	110.0	1.62	1.72	1.77
2070.0	2254.0	1.51	1.63	1.69	2254.0	1.34	1.17	1.06	130.0	1.65	1.75	1.80
2075.0	2259.0	1.50	1.61	1.67	2259.0	1.33	1.17	1.06	134.0	1.65	1.75	1.80
2080.0	2264.0	1.50	1.61	1.67	2264.0	1.33	1.17	1.05	139.0	1.66	1.76	1.81
2085.0	2269.0	1.49	1.59	1.65	2269.0	1.32	1.16	1.04	144.0	1.67	1.76	1.81
2095.0	2279.0	1.47	1.57	1.63	2279.0	1.30	1.15	1.03	154.0	1.68	1.77	1.82
2100.0	2284.0	1.47	1.57	1.62	2284.0	1.30	1.15	1.03	159.0	1.69	1.78	1.83
2105.0	2289.0	1.46	1.55	1.61	2289.0	1.29	1.15	1.02	164.0	1.70	1.79	1.84
2110.0	2294.0	1.46	1.55	1.60	2294.0	1.28	1.14	1.02	169.0	1.71	1.80	1.85
2115.0	2299.0	1.45	1.53	1.59	2299.0	1.28	1.14	1.03	174.0	1.72	1.81	1.86
2120.0	2304.0	1.45	1.53	1.58	2304.0	1.27	1.13	1.03	179.0	1.74	1.82	1.87
2125.0	2309.0	1.44	1.52	1.56	2309.0	1.26	1.13	1.03	184.0	1.75	1.84	1.89
2130.0	2314.0	1.44	1.51	1.56	2314.0	1.26	1.12	1.03	189.0	1.76	1.85	1.90
2135.0	2319.0	1.43	1.50	1.54	2319.0	1.25	1.12	1.04	194.0	1.77	1.86	1.91
2140.0	2324.0	1.43	1.50	1.54	2324.0	1.24	1.11	1.04	199.0	1.78	1.87	1.92
2145.0	2329.0	1.42	1.48	1.52	2329.0	1.23	1.11	1.05	204.0	1.79	1.88	1.92
2150.0	2334.0	1.42	1.48	1.51	2334.0	1.22	1.10	1.06	209.0	1.80	1.88	1.93
2155.0	2339.0	1.41	1.47	1.50	2339.0	1.21	1.10	1.06	214.0	1.80	1.89	1.93
2160.0	2344.0	1.41	1.46	1.50	2344.0	1.20	1.10	1.07	219.0	1.81	1.89	1.94
2165.0	2349.0	1.40	1.46	1.49	2349.0	1.19	1.09	1.08	224.0	1.82	1.90	1.94
2170.0	2354.0	1.40	1.45	1.48	2354.0	1.19	1.10	1.08	229.0	1.83	1.91	1.96
2175.0	2359.0	1.40	1.45	1.48	2359.0	1.18	1.10	1.09	234.0	1.85	1.92	1.97
2180.0	2364.0	1.40	1.44	1.47	2364.0	1.18	1.11	1.10	240.0	1.86	1.94	1.98
2185.0	2369.0	1.40	1.44	1.47	2369.0	1.18	1.12	1.11	260.0	1.90	1.98	2.02
2190.0	2374.0	1.40	1.44	1.46	2374.0	1.18	1.12	1.12	280.0	1.92	1.99	2.03
2200.0	2384.0	1.40	1.43	1.45	2384.0	1.19	1.14	1.13	320.0	2.00	2.05	2.09
2205.0	2389.0	1.41	1.44	1.45	2389.0	1.19	1.15	1.14	340.0	2.01	2.06	2.08
2210.0	2394.0	1.41	1.43	1.45	2394.0	1.20	1.16	1.15	360.0	2.04	2.08	2.10
2215.0	2399.0	1.41	1.44	1.45	2399.0	1.20	1.16	1.15	380.0	2.04	2.07	2.10
2220.0	2404.0	1.41	1.44	1.45	2404.0	1.20	1.17	1.16	400.0	2.02	2.05	2.07
2250.0	2434.0	1.44	1.45	1.46	2434.0	1.24	1.22	1.21	420.0	2.04	2.05	2.07
2300.0	2484.0	1.53	1.53	1.54	2484.0	1.33	1.32	1.29	440.0	2.07	2.08	2.09
2350.0	2534.0	1.66	1.64	1.65	2534.0	1.45	1.44	1.40	460.0	2.05	2.05	2.06
2400.0	2584.0	1.79	1.76	1.76	2584.0	1.62	1.59	1.52	480.0	2.04	2.03	2.02



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IF/RF MICROWAVE COMPONENTS

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	5.81	1.68	23.94	18.40	29.33	23.27	23.09	30.69	32.69	36.92
1	--	13.66	--	27.06	29.94	29.27	50.79	48.23	47.55	46.85	55.39	57.68
2	113.57	68.74	62.13	51.80	69.57	88.17	68.07	81.13	91.56	77.14	83.70	78.28
3	119.82	99.07	101.91	98.64	87.00	101.79	103.89	101.34	112.25	115.04	104.50	109.57
4	118.10	113.96	113.67	111.26	104.60	104.26	109.68	111.03	109.72	112.82	112.94	112.36
5	119.06	114.13	116.05	115.11	110.84	105.46	108.44	113.30	111.64	114.00	115.59	116.14
6	120.33	113.33	115.77	113.65	112.97	113.00	105.64	106.17	113.05	114.75	114.32	113.26
7	118.50	110.36	114.35	114.81	114.66	114.13	111.36	107.69	109.09	112.05	113.14	114.52
8	115.46	109.64	110.62	112.91	112.92	114.69	108.42	112.70	106.85	106.79	112.07	115.34
9	116.85	110.89	111.18	110.91	111.75	113.38	111.37	111.45	108.87	102.23	105.40	109.71
10	114.76	109.55	108.64	109.82	110.43	115.44	112.26	113.17	115.88	112.04	110.55	110.24
RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2140 MHz; -5.00 dBm.
 LO IN: 2324 MHz; +2.00 dBm
 IF OUT: 184 MHz; -12.48 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	4.46	11.96	33.82	28.38	40.55	33.59	33.21	40.94	43.79	46.13
1	--	13.85	--	27.39	30.21	30.39	49.90	48.99	47.86	46.91	56.53	59.54
2	99.88	58.78	52.03	42.45	60.68	76.74	58.58	71.28	84.13	67.25	73.28	68.98
3	112.71	78.98	85.20	76.86	68.08	84.58	86.98	82.60	94.65	94.17	86.41	93.11
4	114.08	102.44	115.14	95.44	91.25	83.96	99.83	112.71	101.70	122.75	110.74	97.19
5	112.97	113.43	122.62	121.34	106.51	101.48	95.98	117.16	114.38	116.59	122.86	120.16
6	113.38	121.67	122.93	122.53	122.04	120.55	115.27	115.38	120.79	122.20	120.87	121.52
7	111.36	119.58	121.56	121.87	120.74	121.78	117.41	116.64	117.19	120.49	122.17	122.25
8	110.30	118.47	117.78	122.28	120.58	122.90	118.17	121.10	115.93	111.97	119.92	122.27
9	109.86	118.57	117.27	120.17	121.96	120.34	120.60	120.99	119.85	110.60	112.38	121.28
10	107.31	116.99	118.85	118.70	119.73	121.33	121.59	121.78	120.81	118.55	112.82	115.92
RF CAL		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2140 MHz; +5.00 dBm.
 LO IN: 2324 MHz; +2.00 dBm
 IF OUT: 184 MHz; -2.36 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