

Frequency Mixer

ADE-ED16369/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (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)		
		+7	+10	+13			+7	+10	+13			+7	+10	+13
630.1	600.1	12.90	12.30	11.65	630.1	600.1	9.35	8.90	9.80	630.1	600.1	-0.19	-0.14	-0.13
680.1	650.1	8.45	7.84	7.42	680.1	650.1	10.55	13.79	17.92	680.1	650.1	2.42	2.16	1.60
730.1	700.1	7.36	6.96	6.66	730.1	700.1	13.82	15.79	17.92	730.1	700.1	2.39	1.69	0.96
780.1	750.1	6.98	6.67	6.43	780.1	750.1	15.13	16.97	19.70	780.1	750.1	1.83	1.07	0.59
835.1	805.1	6.79	6.52	6.31	835.1	805.1	16.07	18.06	21.40	835.1	805.1	1.40	0.77	0.45
885.1	855.1	6.73	6.49	6.32	885.1	855.1	16.62	19.19	22.31	885.1	855.1	1.04	0.60	0.38
935.1	905.1	6.70	6.53	6.38	935.1	905.1	18.00	21.52	23.60	935.1	905.1	0.81	0.48	0.33
990.1	960.1	6.78	6.62	6.53	990.1	960.1	19.98	23.74	27.47	990.1	960.1	0.69	0.46	0.31
1050.1	1020.1	6.90	6.79	6.73	1050.1	1020.1	21.17	24.05	31.34	1050.1	1020.1	0.71	0.45	0.31
1145.1	1115.1	7.17	7.08	7.07	1145.1	1115.1	23.68	27.04	26.04	1145.1	1115.1	0.79	0.46	0.29
1160.1	1130.1	7.28	7.21	7.20	1160.1	1130.1	22.48	30.19	30.72	1160.1	1130.1	0.78	0.46	0.28
1210.1	1180.1	7.29	7.17	7.10	1210.1	1180.1	21.94	25.62	28.88	1210.1	1180.1	0.95	0.49	0.28
1260.1	1230.1	7.19	6.98	6.82	1260.1	1230.1	20.75	23.97	26.74	1260.1	1230.1	1.44	0.62	0.29
1315.1	1285.1	7.08	6.78	6.55	1315.1	1285.1	19.22	24.22	26.38	1315.1	1285.1	2.43	1.17	0.48
1365.1	1335.1	7.15	6.83	6.57	1365.1	1335.1	16.39	19.16	22.71	1365.1	1335.1	3.03	1.56	0.65
1415.1	1385.1	7.41	7.05	6.77	1415.1	1385.1	14.95	17.61	20.17	1415.1	1385.1	3.51	1.86	0.81
1465.1	1435.1	7.59	7.21	6.93	1465.1	1435.1	14.10	16.18	18.80	1465.1	1435.1	3.87	2.13	0.95
1565.1	1535.1	8.10	7.65	7.34	1565.1	1535.1	12.71	15.02	17.23	1565.1	1535.1	4.32	2.55	1.21
1615.1	1585.1	8.34	7.85	7.51	1615.1	1585.1	12.23	14.60	16.96	1615.1	1585.1	4.39	2.63	1.29
1665.1	1635.1	8.55	8.05	7.70	1665.1	1635.1	11.85	14.40	16.83	1665.1	1635.1	4.63	2.86	1.43
1720.1	1690.1	8.74	8.20	7.81	1720.1	1690.1	11.93	14.22	16.79	1720.1	1690.1	4.64	2.90	1.48
1770.1	1740.1	9.04	8.46	8.06	1770.1	1740.1	11.64	14.02	16.47	1770.1	1740.1	4.85	3.11	1.63
1820.1	1790.1	9.12	8.51	8.09	1820.1	1790.1	11.56	14.09	16.60	1820.1	1790.1	4.89	3.15	1.69
1875.1	1845.1	9.40	8.76	8.32	1875.1	1845.1	11.23	13.85	16.19	1875.1	1845.1	5.07	3.37	1.87
1925.1	1895.1	9.42	8.75	8.28	1925.1	1895.1	11.12	13.74	16.21	1925.1	1895.1	5.16	3.50	1.99
1975.1	1945.1	9.68	8.98	8.48	1975.1	1945.1	10.88	13.62	16.23	1975.1	1945.1	5.22	3.58	2.08
2030.1	2000.1	9.70	8.95	8.44	2030.1	2000.1	10.61	13.41	15.90	2030.1	2000.1	5.39	3.78	2.25
2080.1	2050.1	9.88	9.10	8.58	2080.1	2050.1	10.59	13.37	15.95	2080.1	2050.1	5.26	3.71	2.20
2130.1	2100.1	9.95	9.12	8.57	2130.1	2100.1	10.15	12.99	15.58	2130.1	2100.1	5.49	3.95	2.42
2180.1	2150.1	10.04	9.21	8.64	2180.1	2150.1	10.22	13.11	15.70	2180.1	2150.1	5.41	3.85	2.37
2235.1	2205.1	10.18	9.28	8.66	2235.1	2205.1	9.65	12.47	15.20	2235.1	2205.1	5.75	4.25	2.72
2285.1	2255.1	10.24	9.34	8.72	2285.1	2255.1	9.76	12.61	15.32	2285.1	2255.1	5.65	4.16	2.63
2335.1	2305.1	10.40	9.44	8.79	2335.1	2305.1	9.25	12.17	15.08	2335.1	2305.1	6.05	4.55	2.99
2390.1	2360.1	10.51	9.53	8.85	2390.1	2360.1	9.29	12.26	15.15	2390.1	2360.1	6.03	4.54	2.99
2440.1	2410.1	10.70	9.66	8.97	2440.1	2410.1	8.87	12.00	15.09	2440.1	2410.1	6.31	4.80	3.21
2490.1	2460.1	10.85	9.76	9.02	2490.1	2460.1	8.73	11.82	14.92	2490.1	2460.1	6.37	4.88	3.33
2545.1	2515.1	11.12	9.98	9.20	2545.1	2515.1	8.45	11.42	14.88	2545.1	2515.1	6.52	5.07	3.50
2595.1	2565.1	11.42	10.20	9.35	2595.1	2565.1	8.05	10.88	14.10	2595.1	2565.1	6.74	5.33	3.75
2645.1	2615.1	11.59	10.33	9.45	2645.1	2615.1	7.95	10.86	14.55	2645.1	2615.1	6.82	5.43	3.87
2700.1	2670.1	12.05	10.67	9.71	2700.1	2670.1	7.45	10.11	13.75	2700.1	2670.1	7.07	5.76	4.19

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1500.1MHz (dB)
		@LO (dBm)
		+10
680.0	820.1	10.11
650.0	850.1	9.74
620.0	880.1	9.62
580.0	920.1	9.28
550.0	950.1	8.86
520.0	980.1	8.79
480.0	1020.1	8.15
450.0	1050.1	7.88
410.0	1090.1	7.53
380.0	1120.1	7.29
350.0	1150.1	6.97
310.0	1190.1	6.88
280.0	1220.1	6.70
240.0	1260.1	6.65
210.0	1290.1	6.67
180.0	1320.1	6.74
140.0	1360.1	6.94
110.0	1390.1	7.06
80.0	1420.1	7.13
40.0	1460.1	7.17
20.0	1520.1	7.33
80.0	1580.1	7.41
140.0	1640.1	7.60
200.0	1700.1	7.80
260.0	1760.1	8.04
320.0	1820.1	8.32
380.0	1880.1	8.53
440.0	1940.1	8.73
500.0	2000.1	8.91
560.0	2060.1	8.86
620.0	2120.1	8.97
680.0	2180.1	9.07
740.0	2240.1	8.95
800.0	2300.1	9.20
860.0	2360.1	9.44
920.0	2420.1	9.83
980.0	2480.1	10.36
1040.0	2540.1	10.85
1100.0	2600.1	11.49
1160.0	2660.1	12.07

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1000.1MHz (dB)
		@LO (dBm)
		+10
20.0	1020.1	6.85
60.0	1060.1	6.81
100.0	1100.1	6.96
140.0	1140.1	7.14
190.0	1190.1	7.40
230.0	1230.1	7.61
270.0	1270.1	7.73
320.0	1320.1	7.91
360.0	1360.1	8.17
400.0	1400.1	8.38
450.0	1450.1	8.60
490.0	1490.1	8.71
530.0	1530.1	8.89
580.0	1580.1	9.01
620.0	1620.1	9.07
660.0	1660.1	9.14
700.0	1700.1	9.22
750.0	1750.1	9.29
790.0	1790.1	9.43
830.0	1830.1	9.53
880.0	1880.1	9.69
920.0	1920.1	9.82
960.0	1960.1	9.91
1010.0	2010.1	10.42
1050.0	2050.1	10.59
1090.0	2090.1	10.91
1140.0	2140.1	11.23
1180.0	2180.1	11.75
1220.0	2220.1	11.98
1260.0	2260.1	12.42
1310.0	2310.1	12.78
1350.0	2350.1	13.02
1390.0	2390.1	13.48
1440.0	2440.1	13.69
1480.0	2480.1	14.32
1520.0	2520.1	14.61
1570.0	2570.1	15.70
1610.0	2610.1	16.45
1650.0	2650.1	17.59
1700.0	2700.1	19.18

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2000.1MHz (dB)
		@LO (dBm)
		+10
1000.0	1000.1	12.19
980.0	1020.1	11.51
950.0	1050.1	11.44
930.0	1070.1	11.35
900.0	1100.1	11.17
880.0	1120.1	11.14
850.0	1150.1	10.73
830.0	1170.1	10.70
800.0	1200.1	10.62
780.0	1220.1	10.50
750.0	1250.1	10.31
730.0	1270.1	10.31
700.0	1300.1	10.15
680.0	1320.1	10.09
650.0	1350.1	9.77
630.0	1370.1	9.82
600.0	1400.1	9.65
580.0	1420.1	9.57
550.0	1450.1	9.49
530.0	1470.1	9.45
500.0	1500.1	9.48
480.0	1520.1	9.38
450.0	1550.1	9.54
430.0	1570.1	9.53
400.0	1600.1	9.51
380.0	1620.1	9.53
350.0	1650.1	9.54
330.0	1670.1	9.52
300.0	1700.1	9.59
280.0	1720.1	9.60
250.0	1750.1	9.64
230.0	1770.1	9.63
200.0	1800.1	9.68
180.0	1820.1	9.69
150.0	1850.1	9.72
130.0	1870.1	9.68
100.0	1900.1	9.69
80.0	1920.1	9.78
50.0	1950.1	9.76
20.0	1980.1	9.77

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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
600.1	41.52	41.63	41.82	48.26	48.20	48.07	630.1	600.1	18.62	18.99	19.76
650.1	41.23	41.16	41.09	47.70	47.76	48.20	680.1	650.1	21.90	22.64	23.56
700.1	40.71	40.67	40.86	43.22	43.01	43.22	730.1	700.1	23.38	23.70	24.35
750.1	38.81	38.83	38.87	39.29	39.30	39.26	780.1	750.1	26.17	26.55	27.26
805.1	36.85	36.96	36.87	36.62	36.66	36.70	835.1	805.1	29.43	29.93	30.62
855.1	35.22	35.27	35.27	34.00	33.97	33.94	885.1	855.1	31.94	32.59	33.58
905.1	34.29	34.24	34.22	31.78	31.77	31.82	935.1	905.1	33.04	33.79	34.57
960.1	32.94	33.06	33.01	29.77	29.79	29.85	990.1	960.1	34.30	34.79	35.48
1020.1	32.45	32.44	32.46	28.13	28.06	28.09	1050.1	1020.1	34.47	34.86	35.28
1115.1	32.55	32.57	32.56	26.63	26.62	26.55	1145.1	1115.1	35.75	36.01	36.20
1130.1	32.90	32.84	32.84	26.38	26.38	26.39	1160.1	1130.1	36.49	36.74	36.95
1180.1	33.74	33.71	33.74	26.22	26.26	26.21	1210.1	1180.1	38.27	38.52	38.66
1230.1	34.33	34.31	34.31	25.42	25.42	25.44	1260.1	1230.1	37.29	37.27	37.42
1285.1	35.38	35.31	35.29	25.12	25.12	25.12	1315.1	1285.1	31.99	31.68	31.59
1335.1	35.23	35.28	35.18	24.31	24.35	24.33	1365.1	1335.1	28.70	28.51	28.35
1385.1	35.65	35.66	35.63	23.84	23.85	23.85	1415.1	1385.1	26.47	26.26	26.05
1435.1	35.72	35.70	35.63	22.95	22.94	22.93	1465.1	1435.1	25.09	24.79	24.60
1535.1	37.18	37.20	37.18	21.85	21.86	21.86	1565.1	1535.1	22.82	22.54	22.35
1585.1	37.68	37.58	37.63	21.52	21.52	21.50	1615.1	1585.1	22.01	21.77	21.57
1635.1	39.68	39.50	39.59	21.63	21.63	21.64	1665.1	1635.1	21.61	21.39	21.23
1690.1	40.26	40.15	40.22	21.84	21.85	21.85	1720.1	1690.1	21.30	21.15	20.99
1740.1	42.21	42.15	42.29	22.48	22.48	22.48	1770.1	1740.1	21.40	21.26	21.14
1790.1	41.37	41.40	41.43	22.84	22.86	22.89	1820.1	1790.1	21.19	21.08	21.00
1845.1	43.35	43.33	43.24	23.44	23.45	23.47	1875.1	1845.1	21.34	21.26	21.20
1895.1	42.10	42.13	42.03	23.63	23.65	23.63	1925.1	1895.1	21.24	21.18	21.17
1945.1	42.96	43.07	43.00	23.78	23.78	23.77	1975.1	1945.1	21.37	21.34	21.34
2000.1	42.83	43.00	42.99	23.84	23.84	23.84	2030.1	2000.1	21.31	21.29	21.37
2050.1	42.10	42.19	42.01	23.49	23.47	23.50	2080.1	2050.1	21.53	21.57	21.67
2100.1	42.10	41.79	41.88	23.44	23.44	23.43	2130.1	2100.1	21.59	21.68	21.85
2150.1	40.20	40.27	40.23	23.08	23.09	23.11	2180.1	2150.1	22.00	22.12	22.28
2205.1	41.03	41.05	40.88	23.38	23.40	23.40	2235.1	2205.1	22.37	22.57	22.81
2255.1	40.07	40.08	40.03	23.00	23.02	23.00	2285.1	2255.1	23.08	23.37	23.63
2305.1	42.04	42.20	42.09	23.44	23.42	23.45	2335.1	2305.1	23.81	24.16	24.48
2360.1	42.36	42.29	42.32	23.22	23.26	23.28	2390.1	2360.1	25.08	25.45	25.89
2410.1	43.24	43.40	43.19	23.56	23.58	23.56	2440.1	2410.1	26.21	26.70	27.21
2460.1	41.59	41.54	41.62	23.64	23.67	23.69	2490.1	2460.1	27.51	27.89	28.30
2515.1	41.60	41.71	41.66	23.82	23.86	23.79	2545.1	2515.1	28.86	29.22	29.38
2565.1	39.16	39.13	39.17	24.10	24.11	24.12	2595.1	2565.1	29.90	30.01	30.02
2615.1	38.13	38.17	38.21	24.07	24.05	24.09	2645.1	2615.1	30.45	30.36	30.05
2670.1	38.22	38.21	38.25	24.61	24.62	24.63	2700.1	2670.1	30.66	30.38	30.08

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=1120.1MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
630.1	600.1	1.47	1.37	1.29	600.1	3.85	3.85	3.84	10.1	1.21	1.10	1.19
680.1	650.1	1.38	1.27	1.19	650.1	4.24	4.24	4.26	35.1	1.14	1.18	1.24
730.1	700.1	1.38	1.31	1.23	700.1	4.49	4.49	4.48	60.1	1.11	1.15	1.22
780.1	750.1	1.30	1.24	1.18	750.1	4.63	4.61	4.63	85.1	1.12	1.14	1.22
835.1	805.1	1.21	1.16	1.12	805.1	4.62	4.64	4.63	110.1	1.16	1.21	1.28
885.1	855.1	1.11	1.09	1.10	855.1	4.65	4.64	4.64	135.1	1.16	1.20	1.26
935.1	905.1	1.13	1.18	1.23	905.1	4.53	4.52	4.53	160.1	1.20	1.27	1.33
990.1	960.1	1.28	1.35	1.42	960.1	4.40	4.42	4.41	185.1	1.20	1.26	1.32
1050.1	1020.1	1.46	1.56	1.64	1020.1	4.30	4.29	4.28	210.1	1.30	1.37	1.43
1145.1	1115.1	1.65	1.77	1.90	1115.1	4.27	4.26	4.27	235.1	1.28	1.34	1.41
1160.1	1130.1	1.66	1.79	1.91	1130.1	4.27	4.27	4.27	260.1	1.36	1.42	1.49
1210.1	1180.1	1.62	1.73	1.84	1180.1	4.29	4.29	4.27	285.1	1.41	1.48	1.55
1260.1	1230.1	1.47	1.53	1.59	1230.1	4.30	4.30	4.29	310.1	1.46	1.53	1.61
1315.1	1285.1	1.25	1.25	1.24	1285.1	4.31	4.31	4.32	340.1	1.56	1.64	1.70
1365.1	1335.1	1.22	1.18	1.13	1335.1	4.22	4.23	4.23	365.1	1.56	1.64	1.72
1415.1	1385.1	1.33	1.29	1.27	1385.1	4.22	4.21	4.21	390.1	1.72	1.82	1.89
1465.1	1435.1	1.44	1.42	1.41	1435.1	4.09	4.08	4.08	415.1	1.72	1.81	1.88
1565.1	1535.1	1.64	1.63	1.63	1535.1	3.89	3.88	3.89	440.1	1.86	1.95	2.04
1615.1	1585.1	1.73	1.73	1.73	1585.1	3.79	3.79	3.79	465.1	1.93	2.02	2.11
1665.1	1635.1	1.78	1.78	1.78	1635.1	3.66	3.66	3.66	490.1	2.05	2.16	2.25
1720.1	1690.1	1.85	1.85	1.85	1690.1	3.54	3.54	3.54	515.1	2.16	2.27	2.36
1770.1	1740.1	1.86	1.85	1.85	1740.1	3.41	3.41	3.41	540.1	2.20	2.31	2.41
1820.1	1790.1	1.90	1.90	1.89	1790.1	3.29	3.29	3.29	565.1	2.41	2.53	2.65
1875.1	1845.1	1.88	1.87	1.86	1845.1	3.15	3.15	3.15	590.1	2.47	2.59	2.71
1925.1	1895.1	1.90	1.88	1.87	1895.1	3.01	3.01	3.01	615.1	2.63	2.76	2.88
1975.1	1945.1	1.87	1.85	1.82	1945.1	2.90	2.90	2.90	640.1	2.67	2.80	2.92
2030.1	2000.1	1.86	1.83	1.80	2000.1	2.74	2.75	2.74	670.1	2.91	3.07	3.20
2080.1	2050.1	1.81	1.77	1.73	2050.1	2.65	2.65	2.65	695.1	3.04	3.20	3.34
2130.1	2100.1	1.79	1.74	1.69	2100.1	2.52	2.52	2.52	720.1	3.07	3.22	3.34
2180.1	2150.1	1.74	1.68	1.62	2150.1	2.45	2.45	2.45	745.1	3.33	3.50	3.64
2235.1	2205.1	1.70	1.63	1.56	2205.1	2.35	2.35	2.35	770.1	3.39	3.56	3.71
2285.1	2255.1	1.64	1.57	1.49	2255.1	2.31	2.31	2.31	795.1	3.59	3.76	3.91
2335.1	2305.1	1.60	1.52	1.44	2305.1	2.25	2.25	2.25	820.1	3.58	3.73	3.88
2390.1	2360.1	1.53	1.45	1.36	2360.1	2.24	2.24	2.24	845.1	3.85	4.03	4.19
2440.1	2410.1	1.48	1.40	1.31	2410.1	2.24	2.25	2.25	870.1	3.92	4.09	4.24
2490.1	2460.1	1.42	1.34	1.25	2460.1	2.28	2.28	2.28	895.1	4.04	4.21	4.36
2545.1	2515.1	1.37	1.29	1.21	2515.1	2.36	2.36	2.36	920.1	4.09	4.26	4.41
2595.1	2565.1	1.34	1.25	1.18	2565.1	2.45	2.44	2.44	945.1	4.22	4.40	4.57
2645.1	2615.1	1.29	1.22	1.16	2615.1	2.58	2.58	2.58	970.1	4.37	4.54	4.70
2700.1	2670.1	1.25	1.19	1.15	2670.1	2.74	2.74	2.74	1000.1	4.32	4.49	4.63

Frequency Mixer

ADE-ED16369/1

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	1.8	-0.1	28.7	38.0	27.4	34.4	31.4	52.6	36.4	38.1
1	---	31.2	---	43.9	34.1	48.3	49.1	51.2	57.2	52.0	56.9	56.8
2	113.4	57.2	63.8	72.7	64.1	68.9	77.1	81.5	84.9	80.2	87.5	87.5
3	120.6	105.7	97.9	103.2	81.2	105.0	102.2	106.5	103.0	108.1	106.3	107.6
4	122.5	106.7	107.4	106.2	102.2	106.8	106.5	106.0	108.6	107.8	108.4	109.2
5	122.6	108.6	109.4	108.3	108.8	105.9	104.5	105.6	106.1	106.6	108.6	107.7
6	121.7	107.4	107.9	107.9	106.8	107.6	105.2	106.4	106.2	108.0	106.0	108.5
7	123.5	108.9	108.2	106.4	109.4	106.2	108.1	105.2	105.3	106.7	105.5	105.2
8	122.9	105.5	106.9	105.9	106.4	107.9	107.0	107.4	106.1	105.4	106.4	107.0
9	122.9	106.3	109.1	107.2	107.3	108.9	109.5	106.8	107.1	105.8	105.2	104.3
10	119.7	108.5	107.0	107.1	106.4	108.1	108.6	109.0	106.5	107.1	106.5	104.6
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1145 MHz; -10 dBm.

LO IN: 1115 MHz; +10.00 dBm

IF OUT: 30 MHz; -17.58 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	12.2	10.6	41.8	46.2	38.6	44.2	44.1	70.4	48.9	50.6
1	---	34.6	---	47.6	35.4	48.8	49.5	52.9	59.1	53.3	57.7	58.9
2	93.6	46.4	52.9	63.7	54.2	58.1	67.8	71.4	74.7	70.1	82.1	77.4
3	119.2	86.9	77.6	81.6	59.5	81.6	90.8	93.2	86.0	94.9	87.7	89.6
4	122.7	105.5	112.3	109.2	94.8	102.6	93.4	100.5	105.2	99.6	110.0	98.1
5	121.4	118.1	113.6	116.7	113.4	105.6	93.6	104.3	110.6	112.5	115.4	111.7
6	123.5	118.2	115.9	118.0	118.2	117.2	111.8	108.6	118.1	116.5	116.8	119.6
7	122.1	117.4	119.0	116.8	117.1	118.7	118.7	111.8	113.8	107.2	117.5	118.0
8	121.7	120.6	117.5	117.8	118.0	120.2	120.1	118.0	115.8	114.4	112.4	118.6
9	120.0	117.8	118.2	115.4	120.0	119.0	118.6	118.9	117.4	115.4	115.1	114.4
10	121.4	118.4	118.5	119.0	118.3	117.7	116.2	118.2	118.7	116.0	113.7	114.1
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1145 MHz; 0 dBm.

LO IN: 1115 MHz; +10.00 dBm

IF OUT: 30 MHz; -7.21 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