

Frequency Mixer

ADE-ED16348A/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=+16dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+10	+13	+16			+10	+13	+16			+10	+13	+16
700.1	730.1	12.38	12.02	11.75	700.1	730.1	13.89	14.51	15.22	700.1	730.1	1.69	1.30	0.46
760.1	790.1	8.93	8.24	7.71	760.1	790.1	15.63	18.36	19.65	760.1	790.1	3.51	3.27	2.59
830.1	860.1	7.28	6.84	6.54	830.1	860.1	16.75	19.85	22.83	830.1	860.1	3.89	3.07	1.93
900.1	930.1	6.84	6.55	6.36	900.1	930.1	18.21	20.11	22.22	900.1	930.1	3.01	1.88	0.90
970.1	1000.1	6.70	6.50	6.37	970.1	1000.1	20.10	22.14	24.40	970.1	1000.1	2.06	1.10	0.57
1040.1	1070.1	6.88	6.78	6.76	1040.1	1070.1	22.61	25.09	27.84	1040.1	1070.1	1.45	0.82	0.45
1140.1	1170.1	7.10	7.07	7.10	1140.1	1170.1	24.95	28.60	31.75	1140.1	1170.1	0.98	0.51	0.26
1180.1	1210.1	7.13	7.10	7.12	1180.1	1210.1	24.90	28.82	32.14	1180.1	1210.1	0.87	0.43	0.20
1250.1	1280.1	6.89	6.77	6.69	1250.1	1280.1	27.75	31.61	34.69	1250.1	1280.1	0.81	0.31	0.13
1320.1	1350.1	6.41	6.22	6.08	1320.1	1350.1	22.41	24.93	27.75	1320.1	1350.1	1.18	0.45	0.18
1390.1	1420.1	6.33	6.13	5.98	1390.1	1420.1	20.95	23.26	26.11	1390.1	1420.1	1.52	0.61	0.26
1460.1	1490.1	6.50	6.29	6.15	1460.1	1490.1	20.59	22.72	25.89	1460.1	1490.1	1.97	0.84	0.37
1530.1	1560.1	6.75	6.52	6.35	1530.1	1560.1	20.33	22.37	25.56	1530.1	1560.1	2.23	0.98	0.44
1600.1	1630.1	7.02	6.77	6.61	1600.1	1630.1	20.11	22.11	25.09	1600.1	1630.1	2.36	1.06	0.48
1660.1	1690.1	7.16	6.90	6.73	1660.1	1690.1	19.57	21.48	24.14	1660.1	1690.1	2.82	1.34	0.61
1730.1	1760.1	7.35	7.05	6.85	1730.1	1760.1	19.16	20.93	23.10	1730.1	1760.1	3.25	1.67	0.76
1800.1	1830.1	7.59	7.26	7.03	1800.1	1830.1	18.91	20.71	22.62	1800.1	1830.1	3.50	1.86	0.87
1870.1	1900.1	7.70	7.35	7.12	1870.1	1900.1	18.97	21.03	22.83	1870.1	1900.1	3.70	2.02	0.95
1940.1	1970.1	7.80	7.43	7.18	1940.1	1970.1	18.33	20.72	22.72	1940.1	1970.1	4.18	2.42	1.16
2010.1	2040.1	7.96	7.54	7.25	2010.1	2040.1	17.80	20.37	22.58	2010.1	2040.1	4.58	2.79	1.40
2080.1	2110.1	8.03	7.61	7.33	2080.1	2110.1	17.90	20.53	22.94	2080.1	2110.1	4.50	2.74	1.36
2150.1	2180.1	8.04	7.62	7.34	2150.1	2180.1	17.68	20.39	22.96	2150.1	2180.1	4.60	2.87	1.45
2220.1	2250.1	8.15	7.66	7.35	2220.1	2250.1	16.96	19.80	22.46	2220.1	2250.1	5.03	3.28	1.75
2290.1	2320.1	8.21	7.69	7.34	2290.1	2320.1	16.80	19.67	22.31	2290.1	2320.1	5.10	3.36	1.83
2360.1	2390.1	8.16	7.66	7.33	2360.1	2390.1	17.03	19.98	22.63	2360.1	2390.1	5.04	3.27	1.72
2430.1	2460.1	8.29	7.79	7.46	2430.1	2460.1	16.69	19.77	22.54	2430.1	2460.1	5.29	3.47	1.85
2500.1	2530.1	8.46	7.92	7.58	2500.1	2530.1	16.45	19.60	22.43	2500.1	2530.1	5.53	3.68	1.99
2560.1	2590.1	8.40	7.88	7.55	2560.1	2590.1	16.79	19.97	22.76	2560.1	2590.1	5.37	3.49	1.85
2630.1	2660.1	8.60	8.11	7.81	2630.1	2660.1	16.76	20.04	22.98	2630.1	2660.1	5.39	3.49	1.82
2700.1	2730.1	8.85	8.37	8.07	2700.1	2730.1	16.65	19.94	22.96	2700.1	2730.1	5.36	3.50	1.85
2770.1	2800.1	8.98	8.52	8.23	2770.1	2800.1	16.85	20.19	23.19	2770.1	2800.1	5.32	3.42	1.79
2840.1	2870.1	9.23	8.83	8.59	2840.1	2870.1	17.36	20.83	24.00	2840.1	2870.1	5.07	3.12	1.57
2910.1	2940.1	9.68	9.32	9.12	2910.1	2940.1	17.59	21.08	24.38	2910.1	2940.1	4.79	2.92	1.40
2980.1	3010.1	9.92	9.58	9.41	2980.1	3010.1	17.60	21.02	24.42	2980.1	3010.1	4.73	2.85	1.41
3050.1	3080.1	10.16	9.83	9.68	3050.1	3080.1	17.85	21.24	24.50	3050.1	3080.1	4.47	2.62	1.27
3120.1	3150.1	10.64	10.36	10.24	3120.1	3150.1	18.62	22.11	25.50	3120.1	3150.1	4.00	2.25	1.09
3190.1	3220.1	11.03	10.77	10.67	3190.1	3220.1	18.94	22.46	25.91	3190.1	3220.1	3.65	2.01	0.97
3260.1	3290.1	11.21	10.96	10.87	3260.1	3290.1	19.01	22.54	25.99	3260.1	3290.1	3.48	1.92	0.96
3330.1	3360.1	11.57	11.31	11.22	3330.1	3360.1	19.38	22.84	26.27	3330.1	3360.1	3.18	1.74	0.88
3400.1	3430.1	12.03	11.77	11.66	3400.1	3430.1	20.03	23.52	26.87	3400.1	3430.1	2.87	1.52	0.79

Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1150.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1140.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1160.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+13			+13			+13
410.0	740.1	11.94	10.0	1150.1	7.15	420.0	740.1	12.24
390.0	760.1	10.57	40.0	1180.1	6.93	410.0	750.1	11.45
370.0	780.1	9.15	80.0	1220.1	7.10	400.0	760.1	11.03
350.0	800.1	8.51	120.0	1260.1	7.22	390.0	770.1	10.30
330.0	820.1	8.03	160.0	1300.1	7.21	380.0	780.1	9.82
310.0	840.1	7.77	200.0	1340.1	7.10	370.0	790.1	9.41
290.0	860.1	7.49	240.0	1380.1	7.01	360.0	800.1	9.10
270.0	880.1	7.27	270.0	1410.1	6.84	350.0	810.1	8.83
250.0	900.1	7.25	310.0	1450.1	6.76	340.0	820.1	8.53
230.0	920.1	7.15	350.0	1490.1	6.73	330.0	830.1	8.33
205.0	945.1	7.13	390.0	1530.1	6.76	315.0	845.1	8.13
185.0	965.1	7.07	430.0	1570.1	6.77	305.0	855.1	8.03
165.0	985.1	7.09	470.0	1610.1	6.83	295.0	865.1	7.79
145.0	1005.1	6.99	510.0	1650.1	6.98	285.0	875.1	7.70
125.0	1025.1	6.98	540.0	1680.1	6.98	275.0	885.1	7.59
105.0	1045.1	6.92	580.0	1720.1	7.14	265.0	895.1	7.57
85.0	1065.1	6.90	620.0	1760.1	7.24	255.0	905.1	7.51
65.0	1085.1	6.92	660.0	1800.1	7.28	245.0	915.1	7.36
45.0	1105.1	6.90	700.0	1840.1	7.37	235.0	925.1	7.40
25.0	1125.1	6.99	740.0	1880.1	7.35	225.0	935.1	7.29
10.0	1160.1	7.11	770.0	1910.1	7.47	210.0	950.1	7.34
80.0	1230.1	7.15	810.0	1950.1	7.75	200.0	960.1	7.20
160.0	1310.1	7.15	850.0	1990.1	7.76	190.0	970.1	7.25
240.0	1390.1	6.67	890.0	2030.1	8.14	180.0	980.1	7.16
310.0	1460.1	6.40	930.0	2070.1	8.35	170.0	990.1	7.25
390.0	1540.1	6.41	970.0	2110.1	8.73	160.0	1000.1	7.17
470.0	1620.1	6.56	1010.0	2150.1	9.17	150.0	1010.1	7.13
550.0	1700.1	6.65	1040.0	2180.1	9.37	140.0	1020.1	7.13
620.0	1770.1	6.92	1080.0	2220.1	9.81	130.0	1030.1	7.11
700.0	1850.1	7.04	1120.0	2260.1	10.04	120.0	1040.1	7.13
780.0	1930.1	7.05	1160.0	2300.1	10.56	105.0	1055.1	7.05
860.0	2010.1	7.41	1200.0	2340.1	10.89	95.0	1065.1	7.05
930.0	2080.1	7.86	1240.0	2380.1	10.99	85.0	1075.1	7.02
1010.0	2160.1	8.57	1270.0	2410.1	11.31	75.0	1085.1	7.08
1090.0	2240.1	9.31	1310.0	2450.1	11.34	65.0	1095.1	6.94
1170.0	2320.1	10.09	1350.0	2490.1	11.46	55.0	1105.1	7.02
1240.0	2390.1	10.34	1390.0	2530.1	11.67	45.0	1115.1	6.92
1320.0	2470.1	10.57	1430.0	2570.1	11.56	35.0	1125.1	7.05
1400.0	2550.1	10.75	1470.0	2610.1	11.91	25.0	1135.1	6.98
1480.0	2630.1	11.10	1510.0	2650.1	11.98	10.0	1150.1	7.18



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IF/RF MICROWAVE COMPONENTS

REV. X1

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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
730.1	34.51	34.51	34.53	34.05	34.09	34.04
790.1	35.62	35.65	35.61	34.70	34.74	34.69
860.1	36.62	36.65	36.55	35.13	35.13	35.20
930.1	36.79	36.72	36.67	35.93	35.91	35.91
1000.1	36.37	36.29	36.29	36.65	36.46	36.73
1070.1	35.43	35.34	35.39	37.30	37.36	37.34
1170.1	34.02	34.03	34.08	39.26	39.32	39.27
1210.1	34.17	34.18	34.14	40.09	39.83	39.94
1280.1	34.92	34.86	34.91	39.07	38.98	38.96
1350.1	35.20	35.19	35.12	35.39	35.41	35.43
1420.1	34.59	34.55	34.50	31.42	31.39	31.39
1490.1	34.12	34.11	34.11	28.04	28.02	28.02
1560.1	34.12	34.06	34.09	25.06	25.10	25.08
1630.1	34.58	34.59	34.59	23.25	23.24	23.21
1690.1	35.23	35.22	35.24	23.03	23.02	22.99
1760.1	36.68	36.74	36.72	23.26	23.21	23.23
1830.1	37.20	37.20	37.11	23.44	23.44	23.44
1900.1	37.03	36.97	37.02	23.65	23.67	23.65
1970.1	38.28	38.15	38.25	24.09	24.09	24.08
2040.1	38.03	38.09	37.99	24.57	24.58	24.56
2110.1	38.06	38.02	37.92	24.45	24.44	24.44
2180.1	37.76	37.79	37.80	24.68	24.62	24.62
2250.1	39.41	39.37	39.36	25.59	25.64	25.63
2320.1	39.35	39.42	39.38	26.43	26.37	26.32
2390.1	37.98	37.91	37.83	27.01	26.99	27.02
2460.1	38.22	38.15	38.13	28.61	28.58	28.57
2530.1	37.14	37.16	37.08	30.53	30.47	30.50
2590.1	36.48	36.46	36.43	31.45	31.46	31.57
2660.1	34.55	34.50	34.44	33.41	33.28	33.17
2730.1	33.60	33.57	33.54	34.93	34.86	34.94
2800.1	32.81	32.81	32.74	36.12	36.13	36.08
2870.1	32.78	32.75	32.75	36.98	36.83	36.87
2940.1	32.48	32.48	32.48	37.59	37.61	37.58
3010.1	32.21	32.19	32.17	37.92	38.05	38.01
3080.1	32.12	32.08	32.06	37.93	37.92	37.90
3150.1	31.80	31.79	31.71	37.67	37.45	37.45
3220.1	33.05	33.03	33.06	37.98	37.92	37.97
3290.1	31.80	31.74	31.73	37.51	37.44	37.23
3360.1	32.07	32.10	32.10	37.73	37.71	37.77
3430.1	31.83	31.79	31.76	37.69	37.78	37.64

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+10	+13	+16
700.1	730.1	15.14	14.73	14.53
760.1	790.1	21.66	22.32	23.04
830.1	860.1	22.50	22.64	22.84
900.1	930.1	24.11	24.34	24.74
970.1	1000.1	26.78	26.83	27.04
1040.1	1070.1	29.50	29.43	29.43
1140.1	1170.1	34.18	34.01	33.96
1180.1	1210.1	38.20	38.01	38.45
1250.1	1280.1	47.85	44.88	42.87
1320.1	1350.1	34.22	33.66	33.12
1390.1	1420.1	31.73	31.40	31.05
1460.1	1490.1	30.59	30.37	30.26
1530.1	1560.1	29.42	29.25	29.36
1600.1	1630.1	29.18	28.96	28.94
1660.1	1690.1	29.50	29.32	29.20
1730.1	1760.1	30.06	29.87	29.66
1800.1	1830.1	30.33	30.16	29.99
1870.1	1900.1	30.67	30.51	30.47
1940.1	1970.1	30.96	30.75	30.59
2010.1	2040.1	31.64	31.63	31.62
2080.1	2110.1	33.05	33.21	33.44
2150.1	2180.1	34.78	35.29	35.60
2220.1	2250.1	36.35	36.48	36.36
2290.1	2320.1	34.62	33.81	33.24
2360.1	2390.1	31.36	30.48	29.90
2430.1	2460.1	28.64	28.00	27.45
2500.1	2530.1	26.78	26.21	25.71
2560.1	2590.1	25.59	25.19	24.74
2630.1	2660.1	24.89	24.65	24.32
2700.1	2730.1	24.46	24.23	23.99
2770.1	2800.1	24.11	23.84	23.65
2840.1	2870.1	24.04	23.74	23.59
2910.1	2940.1	24.16	23.91	23.72
2980.1	3010.1	24.19	23.96	23.75
3050.1	3080.1	24.39	24.14	24.02
3120.1	3150.1	24.86	24.68	24.56
3190.1	3220.1	25.27	25.10	24.99
3260.1	3290.1	25.54	25.38	25.20
3330.1	3360.1	26.34	26.20	26.05
3400.1	3430.1	26.87	26.80	26.73

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=1700.1MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+10	+13	+16		+10	+13	+16		+10	+13	+16
700.1	730.1	1.33	1.28	1.25	730.1	2.88	2.88	2.89	10.1	1.29	1.20	1.25
760.1	790.1	1.22	1.19	1.22	790.1	3.18	3.17	3.19	50.1	1.14	1.20	1.26
830.1	860.1	1.08	1.01	1.07	860.1	3.39	3.39	3.39	90.1	1.17	1.23	1.30
900.1	930.1	1.14	1.23	1.32	930.1	3.49	3.49	3.49	130.1	1.21	1.27	1.33
970.1	1000.1	1.37	1.48	1.58	1000.1	3.58	3.58	3.57	180.1	1.28	1.33	1.39
1040.1	1070.1	1.60	1.73	1.86	1070.1	3.70	3.71	3.70	220.1	1.35	1.41	1.46
1140.1	1170.1	1.75	1.88	1.99	1170.1	4.03	4.03	4.03	260.1	1.38	1.44	1.51
1180.1	1210.1	1.73	1.84	1.94	1210.1	4.26	4.26	4.25	310.1	1.49	1.56	1.64
1250.1	1280.1	1.48	1.51	1.54	1280.1	4.76	4.78	4.80	350.1	1.54	1.61	1.68
1320.1	1350.1	1.16	1.11	1.08	1350.1	5.46	5.44	5.45	390.1	1.64	1.73	1.81
1390.1	1420.1	1.23	1.22	1.23	1420.1	6.01	6.02	6.01	440.1	1.71	1.80	1.88
1460.1	1490.1	1.42	1.43	1.45	1490.1	6.25	6.27	6.26	480.1	1.83	1.93	2.02
1530.1	1560.1	1.60	1.62	1.64	1560.1	6.30	6.26	6.27	520.1	1.92	2.03	2.12
1600.1	1630.1	1.70	1.72	1.76	1630.1	6.25	6.24	6.25	570.1	2.04	2.15	2.26
1660.1	1690.1	1.71	1.73	1.77	1690.1	6.13	6.15	6.15	610.1	2.19	2.31	2.42
1730.1	1760.1	1.76	1.77	1.80	1760.1	5.92	5.95	5.94	650.1	2.32	2.44	2.55
1800.1	1830.1	1.78	1.78	1.80	1830.1	5.74	5.74	5.75	690.1	2.52	2.67	2.80
1870.1	1900.1	1.73	1.73	1.74	1900.1	5.55	5.54	5.56	740.1	2.64	2.80	2.93
1940.1	1970.1	1.67	1.67	1.67	1970.1	5.33	5.32	5.32	780.1	2.87	3.03	3.18
2010.1	2040.1	1.61	1.60	1.60	2040.1	5.02	5.03	5.00	820.1	2.92	3.08	3.24
2080.1	2110.1	1.49	1.47	1.46	2110.1	4.77	4.77	4.78	870.1	3.23	3.40	3.57
2150.1	2180.1	1.36	1.33	1.31	2180.1	4.53	4.54	4.54	910.1	3.29	3.45	3.62
2220.1	2250.1	1.28	1.23	1.20	2250.1	4.24	4.25	4.24	950.1	3.54	3.72	3.89
2290.1	2320.1	1.18	1.11	1.11	2320.1	3.95	3.96	3.96	1000.1	3.72	3.87	4.04
2360.1	2390.1	1.06	1.03	1.11	2390.1	3.71	3.72	3.72	1040.1	3.97	4.12	4.26
2430.1	2460.1	1.09	1.13	1.21	2460.1	3.46	3.45	3.46	1080.1	4.07	4.20	4.33
2500.1	2530.1	1.17	1.24	1.33	2530.1	3.20	3.20	3.20	1130.1	4.37	4.49	4.59
2560.1	2590.1	1.31	1.41	1.52	2590.1	3.02	3.02	3.02	1170.1	4.40	4.51	4.60
2630.1	2660.1	1.47	1.58	1.69	2660.1	2.82	2.81	2.81	1210.1	4.52	4.60	4.67
2700.1	2730.1	1.61	1.73	1.85	2730.1	2.60	2.61	2.61	1250.1	4.54	4.61	4.68
2770.1	2800.1	1.83	1.97	2.10	2800.1	2.43	2.43	2.43	1300.1	4.39	4.42	4.46
2840.1	2870.1	2.09	2.25	2.41	2870.1	2.26	2.27	2.27	1340.1	4.14	4.16	4.18
2910.1	2940.1	2.29	2.48	2.65	2940.1	2.10	2.10	2.10	1380.1	3.74	3.76	3.75
2980.1	3010.1	2.52	2.73	2.93	3010.1	1.95	1.95	1.95	1430.1	3.14	3.13	3.12
3050.1	3080.1	2.83	3.07	3.29	3080.1	1.80	1.81	1.81	1470.1	2.53	2.51	2.49
3120.1	3150.1	3.09	3.35	3.59	3150.1	1.66	1.66	1.66	1510.1	2.00	1.97	1.94
3190.1	3220.1	3.28	3.54	3.80	3220.1	1.52	1.52	1.52	1560.1	1.45	1.42	1.39
3260.1	3290.1	3.58	3.86	4.13	3290.1	1.39	1.39	1.39	1600.1	1.45	1.43	1.43
3330.1	3360.1	3.88	4.15	4.43	3360.1	1.29	1.29	1.29	1640.1	1.89	1.90	1.91
3400.1	3430.1	3.99	4.24	4.50	3430.1	1.26	1.26	1.26	1690.1	2.75	2.79	2.81

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	22.6	5.7	27.2	33.1	39.4	47.6	41.8	64.4	42.6	44.5
1	---	27.6	---	32.5	18.2	40.4	44.2	48.1	54.0	44.7	56.0	61.8
2	96.1	48.0	55.7	45.7	44.5	54.5	64.6	64.9	75.3	78.0	72.0	70.2
3	118.7	90.0	79.0	74.7	62.7	70.7	69.5	88.8	82.8	88.2	91.1	89.7
4	119.2	106.4	115.2	113.1	98.9	83.5	91.8	90.5	106.4	98.8	103.9	115.1
5	108.4	114.3	115.8	115.8	107.0	113.1	104.7	106.7	114.7	116.6	115.7	115.5
6	120.0	112.9	113.2	116.2	111.7	113.7	104.1	112.5	103.2	116.3	116.2	114.1
7	122.4	115.4	114.6	115.2	114.9	113.0	114.7	99.5	101.3	99.5	112.1	114.7
8	117.6	116.2	115.8	115.7	116.3	115.5	114.9	114.2	106.6	107.8	109.9	114.1
9	120.6	115.7	115.5	114.1	115.9	113.5	114.7	113.7	114.6	102.9	113.1	101.0
10	121.1	115.6	114.6	115.0	114.3	115.4	115.4	115.6	113.5	115.1	111.0	113.7
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1150 MHz; 0 dBm.
LO IN: 1180 MHz; +13.00 dBm
IF OUT: 30 MHz; -6.36 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	22.1	15.8	34.5	43.5	48.4	60.2	53.5	55.4	52.3	57.0
1	---	27.0	---	30.7	16.8	38.9	43.6	46.5	53.1	47.4	56.0	60.1
2	85.9	34.8	45.1	34.1	32.6	44.0	55.8	56.9	62.3	70.5	63.1	67.4
3	93.1	70.6	61.1	45.8	37.4	49.1	45.3	67.7	62.2	70.4	69.3	73.3
4	82.2	82.9	71.0	64.8	64.9	49.5	57.3	57.4	86.4	72.5	76.0	89.5
5	68.6	100.2	90.2	81.1	75.3	65.2	66.1	64.7	69.3	82.1	79.0	84.5
6	73.1	94.1	95.3	96.3	84.8	78.1	78.0	73.4	79.6	73.7	89.4	90.7
7	79.8	106.8	97.0	96.6	96.7	99.6	93.1	80.8	76.2	85.7	80.9	95.6
8	93.5	108.4	107.0	99.6	102.1	115.7	102.0	92.4	88.1	83.9	89.1	91.2
9	110.8	108.5	112.0	112.7	106.7	105.0	107.9	101.7	97.1	102.6	91.0	102.0
10	96.2	112.9	114.7	110.3	120.6	111.9	112.3	109.8	105.3	102.6	102.1	104.3
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1150 MHz; +10 dBm.
LO IN: 1180 MHz; +13.00 dBm
IF OUT: 30 MHz; 4.01 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



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