

Frequency Mixer

ADE-ED11949/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=1200MHz (dB)		
		@LO (dBm)		
		+4	+7	+10
680.1	1880.1	11.42	10.28	9.34
720.1	1920.1	11.18	10.15	9.28
760.1	1960.1	10.81	9.84	8.98
800.1	2000.1	10.52	9.65	8.85
840.1	2040.1	10.19	9.34	8.56
900.1	2100.1	9.76	8.94	8.23
940.1	2140.1	9.48	8.69	8.00
1000.1	2200.1	8.92	8.20	7.56
1040.1	2240.1	8.73	7.97	7.39
1100.1	2300.1	8.04	7.42	6.95
1140.1	2340.1	7.85	7.18	6.76
1200.1	2400.1	7.24	6.64	6.31
1240.1	2440.1	7.16	6.41	6.11
1300.1	2500.1	6.69	6.04	5.81
1340.1	2540.1	6.64	5.92	5.74
1400.1	2600.1	6.32	5.74	5.66
1440.1	2640.1	6.38	5.73	5.72
1500.1	2700.1	6.22	5.68	5.74
1540.1	2740.1	6.27	5.66	5.76
1600.1	2800.1	6.20	5.65	5.79
1640.1	2840.1	6.27	5.60	5.81
1700.1	2900.1	6.32	5.68	5.94
1740.1	2940.1	6.26	5.64	5.95
1800.1	3000.1	6.44	5.82	6.18
1840.1	3040.1	6.29	5.79	6.16
1900.1	3100.1	6.57	6.04	6.35
1940.1	3140.1	6.45	5.98	6.26
2000.1	3200.1	6.81	6.27	6.45
2040.1	3240.1	6.73	6.22	6.35
2100.1	3300.1	7.24	6.56	6.60
2140.1	3340.1	7.11	6.50	6.52
2200.1	3400.1	7.78	7.00	6.97
2240.1	3440.1	7.67	7.04	7.02
2300.1	3500.1	8.44	7.66	7.54
2340.1	3540.1	8.35	7.79	7.66
2400.1	3600.1	9.07	8.47	8.23
2440.1	3640.1	9.11	8.70	8.48
2500.1	3700.1	9.69	9.33	9.13
2540.1	3740.1	9.82	9.58	9.43
2600.1	3800.1	10.28	10.03	9.95

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+4	+7	+10
680.1	1880.1	10.37	11.89	15.93
720.1	1920.1	10.85	11.76	14.47
760.1	1960.1	11.01	11.73	13.31
800.1	2000.1	11.10	12.09	13.54
840.1	2040.1	10.61	11.90	12.91
900.1	2100.1	10.23	11.45	13.14
940.1	2140.1	9.50	10.92	12.25
1000.1	2200.1	8.83	10.11	11.97
1040.1	2240.1	8.41	9.35	10.96
1100.1	2300.1	8.51	9.19	10.24
1140.1	2340.1	8.57	9.24	10.11
1200.1	2400.1	9.12	9.54	9.89
1240.1	2440.1	8.40	9.54	10.05
1300.1	2500.1	8.62	10.04	10.95
1340.1	2540.1	8.42	10.70	12.10
1400.1	2600.1	9.04	12.26	13.46
1440.1	2640.1	8.61	12.46	13.79
1500.1	2700.1	9.40	13.06	13.99
1540.1	2740.1	8.90	12.48	13.99
1600.1	2800.1	9.02	12.59	13.98
1640.1	2840.1	8.78	12.04	13.82
1700.1	2900.1	8.94	11.99	14.42
1740.1	2940.1	9.98	12.12	14.68
1800.1	3000.1	10.68	12.14	14.97
1840.1	3040.1	11.08	12.38	15.02
1900.1	3100.1	11.09	12.75	14.88
1940.1	3140.1	10.51	13.16	15.13
2000.1	3200.1	9.34	13.62	15.47
2040.1	3240.1	9.12	14.07	15.79
2100.1	3300.1	9.56	14.64	16.02
2140.1	3340.1	9.91	15.25	15.94
2200.1	3400.1	12.08	15.28	15.33
2240.1	3440.1	12.51	15.50	15.17
2300.1	3500.1	15.73	15.22	15.21
2340.1	3540.1	15.85	15.10	15.67
2400.1	3600.1	14.37	15.41	16.98
2440.1	3640.1	15.00	16.77	17.95
2500.1	3700.1	13.78	18.38	19.01
2540.1	3740.1	14.20	20.04	20.78
2600.1	3800.1	14.26	19.56	20.52

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+2dBm (dB)		
		@LO (dBm)		
		+4	+7	+10
680.1	1880.1	-0.85	-0.62	-0.30
720.1	1920.1	-0.85	-0.62	-0.36
760.1	1960.1	-0.84	-0.65	-0.41
800.1	2000.1	-0.80	-0.64	-0.41
840.1	2040.1	-0.72	-0.63	-0.43
900.1	2100.1	-0.62	-0.57	-0.38
940.1	2140.1	-0.54	-0.53	-0.38
1000.1	2200.1	-0.42	-0.46	-0.34
1040.1	2240.1	-0.32	-0.40	-0.32
1100.1	2300.1	-0.07	-0.23	-0.23
1140.1	2340.1	0.14	-0.04	-0.12
1200.1	2400.1	0.47	0.26	0.11
1240.1	2440.1	0.66	0.45	0.26
1300.1	2500.1	0.85	0.65	0.45
1340.1	2540.1	0.96	0.74	0.51
1400.1	2600.1	1.04	0.70	0.50
1440.1	2640.1	1.06	0.66	0.45
1500.1	2700.1	1.13	0.57	0.39
1540.1	2740.1	1.18	0.58	0.37
1600.1	2800.1	1.21	0.61	0.36
1640.1	2840.1	1.27	0.67	0.37
1700.1	2900.1	1.43	0.76	0.38
1740.1	2940.1	1.46	0.80	0.40
1800.1	3000.1	1.52	0.88	0.44
1840.1	3040.1	1.54	0.90	0.47
1900.1	3100.1	1.57	0.89	0.50
1940.1	3140.1	1.52	0.88	0.50
2000.1	3200.1	1.56	0.85	0.49
2040.1	3240.1	1.51	0.82	0.46
2100.1	3300.1	1.42	0.78	0.45
2140.1	3340.1	1.39	0.81	0.48
2200.1	3400.1	1.23	0.73	0.46
2240.1	3440.1	1.11	0.68	0.45
2300.1	3500.1	0.83	0.52	0.40
2340.1	3540.1	0.75	0.50	0.40
2400.1	3600.1	0.60	0.35	0.35
2440.1	3640.1	0.54	0.31	0.31
2500.1	3700.1	0.47	0.19	0.22
2540.1	3740.1	0.41	0.20	0.20
2600.1	3800.1	0.41	0.15	0.15

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Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1900MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1639.9MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2160.1001MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+7			+7			+7
1700.0	200.0	10.29	10.1	1650.0	6.19	1950.1	210.0	10.00
1618.8	281.3	8.39	70.3	1710.2	6.27	1910.1	250.0	9.36
1537.5	362.5	7.89	130.6	1770.5	6.46	1870.1	290.0	8.79
1456.3	443.8	7.56	190.8	1830.7	6.59	1810.1	350.0	8.37
1375.0	525.0	7.25	251.0	1890.9	6.74	1770.1	390.0	8.27
1293.8	606.3	7.03	311.3	1951.2	6.89	1710.1	450.0	8.05
1212.5	687.5	6.83	371.5	2011.4	6.93	1670.1	490.0	7.97
1131.3	768.8	6.57	431.8	2071.7	6.94	1610.1	550.0	7.87
1050.0	850.0	6.13	492.0	2131.9	7.11	1570.1	590.0	7.80
968.8	931.3	5.81	552.2	2192.1	7.00	1510.1	650.0	7.72
887.5	1012.5	5.78	612.5	2252.4	6.72	1470.1	690.0	7.58
806.3	1093.8	5.94	672.7	2312.6	6.44	1410.1	750.0	7.41
708.7	1191.3	6.09	732.9	2372.8	6.23	1370.1	790.0	7.36
627.5	1272.5	6.05	793.2	2433.1	6.17	1310.1	850.0	7.26
530.0	1370.0	5.91	853.4	2493.3	6.01	1270.1	890.0	7.15
448.7	1451.3	5.83	913.6	2553.5	5.94	1210.1	950.0	6.96
351.3	1548.8	5.92	973.9	2613.8	5.90	1170.1	990.0	6.88
270.0	1630.0	6.16	1034.1	2674.0	5.74	1110.1	1050.0	6.81
172.5	1727.5	6.50	1094.4	2734.3	5.69	1070.1	1090.0	6.78
91.3	1808.8	6.81	1154.6	2794.5	5.66	1010.1	1150.0	6.78
10.0	1910.0	7.48	1234.9	2874.8	5.57	970.1	1190.0	6.82
129.7	2029.7	7.47	1295.1	2935.0	5.57	910.1	1250.0	6.87
273.4	2173.4	7.79	1375.5	3015.4	5.53	870.1	1290.0	6.92
393.1	2293.1	7.52	1435.7	3075.6	5.55	810.1	1350.0	6.94
536.7	2436.7	7.02	1516.0	3155.9	5.64	770.1	1390.0	6.98
656.4	2556.4	6.74	1576.2	3216.1	5.78	710.1	1450.0	6.98
800.1	2700.1	6.45	1656.6	3296.5	6.00	670.1	1490.0	7.03
919.8	2819.8	6.27	1716.8	3356.7	6.22	610.1	1550.0	7.12
1063.5	2963.5	6.14	1797.1	3437.0	6.52	570.1	1590.0	7.19
1183.2	3083.2	6.08	1857.3	3497.2	6.64	510.1	1650.0	7.30
1326.8	3226.8	6.06	1937.7	3577.6	6.98	470.1	1690.0	7.35
1446.5	3346.5	6.12	1997.9	3637.8	7.42	410.1	1750.0	7.49
1590.2	3490.2	6.18	2078.2	3718.1	7.82	370.1	1790.0	7.65
1709.9	3609.9	6.31	2138.4	3778.3	8.03	310.1	1850.0	7.85
1853.6	3753.6	6.59	2218.8	3858.7	8.61	270.1	1890.0	8.03
1973.3	3873.3	7.11	2279.0	3918.9	9.06	210.1	1950.0	8.24
2116.9	4016.9	7.69	2359.3	3999.2	9.47	170.1	1990.0	8.38
2236.6	4136.6	8.28	2419.5	4059.4	9.62	110.1	2050.0	8.53
2380.3	4280.3	8.87	2499.9	4139.8	10.04	70.1	2090.0	8.60
2500.0	4400.0	9.28	2560.1	4200.0	10.24	10.1	2150.0	8.86

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+4	+7	+10	+4	+7	+10
1880.1	28.36	28.34	27.86	31.28	28.27	26.52
1920.1	28.68	28.70	28.26	31.35	28.38	26.66
1960.1	28.80	28.73	28.31	31.67	28.68	27.02
2000.1	29.13	29.18	28.67	31.03	28.54	26.85
2040.1	29.28	29.25	28.63	30.86	28.59	26.78
2100.1	29.75	29.51	29.02	30.29	28.25	26.74
2140.1	29.79	29.66	29.08	29.88	28.26	26.80
2200.1	30.00	29.87	29.25	29.33	28.00	26.54
2240.1	29.99	29.67	29.14	29.10	27.79	26.52
2300.1	30.05	29.75	29.35	28.73	27.74	26.59
2340.1	30.18	29.78	29.30	28.54	27.73	26.60
2400.1	30.33	29.98	29.46	28.33	27.71	26.59
2440.1	30.78	30.02	29.29	28.35	27.70	26.48
2500.1	31.22	30.39	29.55	28.10	27.74	26.54
2540.1	31.78	30.64	29.65	28.06	27.93	26.68
2600.1	32.57	31.02	29.68	27.95	28.05	26.76
2640.1	33.58	31.38	29.85	27.91	28.23	26.98
2700.1	34.44	31.79	29.85	27.84	28.19	26.88
2740.1	35.26	32.27	29.95	27.59	28.26	26.96
2800.1	36.94	32.71	30.47	27.48	27.90	27.08
2840.1	38.47	33.37	30.31	27.40	27.99	26.93
2900.1	40.11	34.01	30.71	27.36	27.94	27.06
2940.1	40.93	34.03	30.64	27.38	28.01	27.18
3000.1	42.97	34.59	30.81	27.41	28.13	27.39
3040.1	42.27	33.97	30.49	27.50	28.15	27.49
3100.1	43.96	34.21	30.65	27.63	28.36	27.85
3140.1	42.91	33.69	30.14	27.83	28.50	27.85
3200.1	43.86	33.99	30.16	27.95	28.78	28.23
3240.1	41.46	33.10	29.68	28.24	28.93	28.35
3300.1	42.58	33.37	29.28	28.52	29.37	28.53
3340.1	39.54	32.19	28.76	28.93	29.55	28.71
3400.1	39.86	32.11	28.49	29.13	30.06	29.12
3440.1	37.16	31.16	27.77	29.65	30.35	29.11
3500.1	37.11	30.86	27.47	29.83	30.98	29.59
3540.1	35.09	29.76	26.74	30.45	31.27	29.46
3600.1	34.66	29.42	26.12	30.61	31.80	29.62
3640.1	32.74	28.59	25.71	31.18	31.96	29.69
3700.1	32.13	28.07	25.16	31.20	32.32	29.60
3740.1	30.81	27.15	24.62	31.75	32.14	29.33
3800.1	30.01	26.34	24.06	31.65	31.88	28.97

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+4	+7	+10
680.1	1880.1	24.24	25.31	26.71
720.1	1920.1	24.37	25.41	26.53
760.1	1960.1	24.34	25.36	26.40
800.1	2000.1	24.60	25.65	26.58
840.1	2040.1	24.55	25.66	26.75
900.1	2100.1	24.62	26.00	27.29
940.1	2140.1	24.45	25.87	27.31
1000.1	2200.1	24.54	26.27	28.07
1040.1	2240.1	24.47	26.59	28.81
1100.1	2300.1	25.57	28.11	31.10
1140.1	2340.1	25.92	29.19	33.23
1200.1	2400.1	27.43	32.89	41.86
1240.1	2440.1	27.76	35.82	41.21
1300.1	2500.1	30.53	35.95	30.78
1340.1	2540.1	31.07	31.86	27.13
1400.1	2600.1	31.16	26.65	23.56
1440.1	2640.1	30.07	24.85	22.06
1500.1	2700.1	27.53	22.33	20.27
1540.1	2740.1	27.15	21.37	19.32
1600.1	2800.1	25.10	20.00	18.24
1640.1	2840.1	24.96	19.14	17.32
1700.1	2900.1	23.48	18.09	16.38
1740.1	2940.1	22.68	17.32	15.73
1800.1	3000.1	21.21	16.55	15.03
1840.1	3040.1	19.52	15.79	14.45
1900.1	3100.1	18.66	15.06	13.99
1940.1	3140.1	17.32	14.48	13.46
2000.1	3200.1	16.50	13.74	12.81
2040.1	3240.1	15.50	13.36	12.55
2100.1	3300.1	15.12	12.97	12.21
2140.1	3340.1	14.05	12.47	11.77
2200.1	3400.1	13.51	12.03	11.40
2240.1	3440.1	12.61	11.59	11.04
2300.1	3500.1	11.91	10.90	10.45
2340.1	3540.1	11.22	10.56	10.15
2400.1	3600.1	10.72	10.04	9.74
2440.1	3640.1	10.11	9.65	9.45
2500.1	3700.1	9.71	9.24	9.00
2540.1	3740.1	9.24	8.91	8.74
2600.1	3800.1	8.92	8.57	8.37

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)		
		+4	+7	+10		+4	+7	+10		+4	+7	+10
680.1	1880.1	7.66	6.78	6.01	1880.1	1.92	1.99	2.44	10.0	2.15	1.58	1.43
720.1	1920.1	6.76	6.09	5.44	1920.1	1.95	1.99	2.41	70.6	2.23	1.62	1.45
760.1	1960.1	6.68	6.07	5.42	1960.1	2.00	2.02	2.45	131.1	2.24	1.62	1.45
800.1	2000.1	6.15	5.63	5.07	2000.1	2.06	2.08	2.50	191.7	2.27	1.65	1.47
840.1	2040.1	5.68	5.25	4.78	2040.1	2.08	2.04	2.43	252.3	2.26	1.64	1.47
900.1	2100.1	5.14	4.75	4.36	2100.1	2.17	2.12	2.51	312.9	2.26	1.64	1.47
940.1	2140.1	4.87	4.53	4.18	2140.1	2.19	2.07	2.40	373.4	2.29	1.67	1.48
1000.1	2200.1	4.26	3.96	3.67	2200.1	2.25	2.12	2.45	434.0	2.29	1.67	1.49
1040.1	2240.1	4.11	3.79	3.53	2240.1	2.31	2.07	2.36	494.6	2.29	1.68	1.49
1100.1	2300.1	3.48	3.21	3.01	2300.1	2.35	2.09	2.35	555.1	2.32	1.70	1.50
1140.1	2340.1	3.40	3.08	2.87	2340.1	2.43	2.04	2.27	615.7	2.32	1.71	1.50
1200.1	2400.1	2.87	2.57	2.38	2400.1	2.46	2.04	2.23	676.3	2.34	1.72	1.50
1240.1	2440.1	2.83	2.44	2.22	2440.1	2.61	2.01	2.17	736.9	2.36	1.74	1.52
1300.1	2500.1	2.41	2.07	1.88	2500.1	2.67	2.02	2.12	797.4	2.32	1.71	1.49
1340.1	2540.1	2.40	2.01	1.82	2540.1	2.80	2.01	2.09	858.0	2.31	1.70	1.47
1400.1	2600.1	2.13	1.82	1.70	2600.1	2.86	2.05	2.08	918.6	2.28	1.69	1.46
1440.1	2640.1	2.23	1.91	1.82	2640.1	3.11	2.10	2.09	959.0	2.24	1.66	1.45
1500.1	2700.1	2.08	1.90	1.89	2700.1	3.24	2.19	2.10	1019.5	2.19	1.64	1.43
1540.1	2740.1	2.17	2.04	2.06	2740.1	3.50	2.27	2.14	1059.9	2.12	1.59	1.39
1600.1	2800.1	2.04	2.01	2.09	2800.1	3.65	2.36	2.13	1120.5	2.04	1.56	1.40
1640.1	2840.1	2.07	2.12	2.25	2840.1	3.90	2.45	2.18	1160.9	1.94	1.51	1.37
1700.1	2900.1	1.92	2.05	2.23	2900.1	3.98	2.50	2.15	1221.4	1.81	1.46	1.39
1740.1	2940.1	1.92	2.17	2.40	2940.1	4.05	2.54	2.20	1261.8	1.76	1.44	1.38
1800.1	3000.1	1.81	2.12	2.37	3000.1	4.14	2.58	2.15	1322.4	1.64	1.44	1.45
1840.1	3040.1	1.87	2.26	2.55	3040.1	4.07	2.58	2.18	1362.8	1.52	1.42	1.48
1900.1	3100.1	1.79	2.21	2.46	3100.1	4.08	2.57	2.10	1423.3	1.43	1.47	1.59
1940.1	3140.1	1.89	2.31	2.59	3140.1	3.98	2.56	2.13	1463.7	1.40	1.52	1.66
2000.1	3200.1	1.79	2.20	2.44	3200.1	3.97	2.53	2.03	1524.3	1.38	1.67	1.85
2040.1	3240.1	1.90	2.30	2.53	3240.1	3.84	2.50	2.05	1564.7	1.36	1.73	1.94
2100.1	3300.1	1.84	2.20	2.43	3300.1	3.85	2.46	1.95	1625.2	1.42	1.90	2.15
2140.1	3340.1	2.04	2.36	2.59	3340.1	3.67	2.41	1.97	1665.6	1.51	2.06	2.33
2200.1	3400.1	2.19	2.47	2.71	3400.1	3.73	2.37	1.87	1726.2	1.64	2.28	2.60
2240.1	3440.1	2.55	2.79	3.00	3440.1	3.49	2.31	1.87	1766.6	1.70	2.36	2.69
2300.1	3500.1	2.78	3.00	3.19	3500.1	3.57	2.25	1.77	1827.1	1.85	2.58	2.94
2340.1	3540.1	3.17	3.34	3.48	3540.1	3.34	2.19	1.78	1867.5	1.99	2.81	3.20
2400.1	3600.1	3.43	3.61	3.70	3600.1	3.42	2.12	1.66	1928.1	2.14	3.03	3.46
2440.1	3640.1	3.70	3.85	3.90	3640.1	3.24	2.07	1.65	1968.5	2.22	3.11	3.53
2500.1	3700.1	3.82	4.00	4.05	3700.1	3.30	2.01	1.54	2029.0	2.39	3.33	3.79
2540.1	3740.1	4.05	4.20	4.24	3740.1	3.11	1.94	1.50	2069.4	2.53	3.53	4.01
2600.1	3800.1	4.29	4.47	4.54	3800.1	3.15	1.88	1.41	2130.0	2.67	3.67	4.17

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	2	17	37	37	39	45	43	---	---	---
1	-	9	+0	23	42	37	45	40	>71	63	---	---
2	85	60	44	56	53	>71	67	>71	64	>71	---	---
3	>90	68	69	65	>71	68	>71	>71	>71	>71	>71	---
4	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
5	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
6	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
7	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
8	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
9	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
10	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1900 MHz; -13.00 dBm.
LO IN: 3100 MHz; +7.00 dBm
IF OUT: 1200 MHz; -19.12 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	27	49	48	53	59	57	---	---	---
1	-	8	+0	24	41	38	45	42	69	68	---	---
2	65	50	34	48	45	69	58	67	55	69	---	---
3	>90	47	49	44	58	48	69	67	64	67	69	---
4	>90	73	73	62	62	63	>81	>81	>81	69	78	80
5	>90	>81	78	>81	77	76	>81	>81	>81	>81	79	>81
6	>90	>81	>81	>81	>81	79	>81	>81	>81	>81	>81	>81
7	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
9	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
10	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1900 MHz; -3.00 dBm.
LO IN: 3100 MHz; +7.00 dBm
IF OUT: 1200 MHz; -9.35 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.

REV. X2

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