

Frequency Mixer

LAVI-ED13119/2

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=80MHz (dB)		
		@LO (dBm)		
		+21	+22	+23
60.1	140.1	12.02	11.87	11.71
160.1	240.1	8.13	8.08	8.05
260.1	340.1	6.51	6.49	6.47
360.1	440.1	6.27	6.25	6.24
460.1	540.1	6.32	6.30	6.26
560.1	640.1	6.41	6.38	6.36
660.1	740.1	6.60	6.56	6.53
760.1	840.1	6.85	6.81	6.77
860.1	940.1	6.97	6.92	6.87
960.1	1040.1	7.24	7.19	7.14
1060.1	1140.1	7.40	7.34	7.29
1160.1	1240.1	7.49	7.43	7.37
1260.1	1340.1	7.54	7.47	7.40
1360.1	1440.1	7.40	7.32	7.25
1460.1	1540.1	7.24	7.16	7.08
1560.1	1640.1	7.09	7.01	6.95
1660.1	1740.1	6.98	6.92	6.86
1760.1	1840.1	6.92	6.88	6.83
1840.1	1920.1	7.03	6.99	6.96
1940.1	2020.1	7.28	7.26	7.25
2020.1	2100.1	7.56	7.56	7.55
2120.1	2200.1	8.03	8.03	8.04
2200.1	2280.1	8.30	8.31	8.32
2300.1	2380.1	8.68	8.69	8.70
2380.1	2460.1	8.74	8.73	8.74
2480.1	2560.1	8.84	8.82	8.80
2560.1	2640.1	8.79	8.75	8.72
2660.1	2740.1	8.89	8.84	8.79
2740.1	2820.1	8.99	8.94	8.89
2840.1	2920.1	9.22	9.17	9.12
2920.1	3000.1	9.56	9.52	9.48
3020.1	3100.1	9.99	9.95	9.92
3100.1	3180.1	10.39	10.36	10.33
3200.1	3280.1	10.76	10.73	10.70
3280.1	3360.1	11.11	11.07	11.05
3380.1	3460.1	11.34	11.31	11.28
3460.1	3540.1	11.57	11.53	11.50
3560.1	3640.1	11.72	11.68	11.64
3640.1	3720.1	11.85	11.80	11.76
3740.1	3820.1	11.99	11.93	11.88

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+21	+22	+23
60.1	140.1	19.79	20.58	21.26
160.1	240.1	25.33	26.37	27.54
260.1	340.1	28.98	30.09	30.86
360.1	440.1	31.57	32.31	33.17
460.1	540.1	31.37	32.46	33.55
560.1	640.1	31.59	32.66	33.91
660.1	740.1	30.74	31.64	32.59
760.1	840.1	30.63	31.65	33.26
860.1	940.1	30.05	31.40	32.38
960.1	1040.1	27.98	29.26	30.60
1060.1	1140.1	29.32	30.64	31.95
1160.1	1240.1	28.85	29.96	31.73
1260.1	1340.1	27.82	28.77	29.71
1360.1	1440.1	27.44	28.37	29.35
1460.1	1540.1	28.10	29.25	30.18
1560.1	1640.1	29.68	30.88	32.07
1660.1	1740.1	31.20	32.52	33.78
1760.1	1840.1	32.48	33.92	35.08
1840.1	1920.1	34.46	36.08	38.00
1940.1	2020.1	38.25	39.96	41.38
2020.1	2100.1	38.25	37.72	37.57
2120.1	2200.1	37.73	38.19	37.07
2200.1	2280.1	40.00	37.88	38.89
2300.1	2380.1	38.20	40.66	40.47
2380.1	2460.1	34.57	38.02	40.63
2480.1	2560.1	32.82	35.30	37.23
2560.1	2640.1	31.33	33.07	34.85
2660.1	2740.1	29.48	30.81	32.52
2740.1	2820.1	28.79	30.16	31.69
2840.1	2920.1	28.10	29.74	31.12
2920.1	3000.1	28.43	29.65	31.18
3020.1	3100.1	28.39	29.91	31.25
3100.1	3180.1	28.64	29.81	31.57
3200.1	3280.1	28.40	29.50	31.18
3280.1	3360.1	28.08	29.58	30.47
3380.1	3460.1	28.16	29.52	30.93
3460.1	3540.1	27.67	29.05	30.59
3560.1	3640.1	27.55	28.91	30.39
3640.1	3720.1	27.10	28.47	29.96
3740.1	3820.1	26.60	28.09	29.35

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+10dBm (dB)		
		@LO (dBm)		
		+21	+22	+23
60.1	140.1	0.45	0.37	0.34
160.1	240.1	0.17	0.14	0.11
260.1	340.1	0.08	0.07	0.05
360.1	440.1	0.05	0.04	0.03
460.1	540.1	0.04	0.03	0.02
560.1	640.1	0.04	0.04	0.02
660.1	740.1	0.06	0.05	0.04
760.1	840.1	0.07	0.05	0.04
860.1	940.1	0.08	0.06	0.05
960.1	1040.1	0.09	0.07	0.05
1060.1	1140.1	0.08	0.06	0.04
1160.1	1240.1	0.07	0.06	0.04
1260.1	1340.1	0.06	0.04	0.04
1360.1	1440.1	0.06	0.05	0.03
1460.1	1540.1	0.06	0.05	0.03
1560.1	1640.1	0.05	0.04	0.03
1660.1	1740.1	0.05	0.03	0.02
1760.1	1840.1	0.04	0.03	0.02
1840.1	1920.1	0.03	0.02	0.01
1940.1	2020.1	0.02	0.02	0.01
2020.1	2100.1	0.01	0.01	0.00
2120.1	2200.1	0.02	0.01	0.01
2200.1	2280.1	0.02	0.01	0.01
2300.1	2380.1	0.03	0.02	0.01
2380.1	2460.1	0.03	0.02	0.01
2480.1	2560.1	0.04	0.03	0.02
2560.1	2640.1	0.06	0.04	0.03
2660.1	2740.1	0.08	0.06	0.04
2740.1	2820.1	0.10	0.07	0.05
2840.1	2920.1	0.11	0.08	0.05
2920.1	3000.1	0.11	0.08	0.06
3020.1	3100.1	0.11	0.08	0.06
3100.1	3180.1	0.11	0.08	0.06
3200.1	3280.1	0.11	0.08	0.06
3280.1	3360.1	0.11	0.08	0.06
3380.1	3460.1	0.11	0.08	0.06
3460.1	3540.1	0.12	0.09	0.06
3560.1	3640.1	0.11	0.08	0.06
3640.1	3720.1	0.13	0.09	0.07
3740.1	3820.1	0.15	0.10	0.08

REV. X2

LAVI-ED13119/2

101012

Page 1 of 5



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED • RoHS compliant
P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see



Frequency Mixer

LAVI-ED13119/2

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1250.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1218.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1282.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+22			+22			+22
1150.0	100.1	12.35	10.0	1228.1	7.53	1190.0	92.1	12.80
1086.7	163.4	11.09	70.0	1288.1	7.41	1150.0	132.1	11.56
1023.3	226.8	10.13	130.0	1348.1	7.43	1110.0	172.1	10.93
960.0	290.1	9.29	190.0	1408.1	7.33	1090.0	192.1	10.74
896.7	353.4	8.42	250.0	1468.1	7.20	1050.0	232.1	10.21
833.3	416.8	7.60	310.0	1528.1	7.14	1030.0	252.1	10.00
770.0	480.1	7.28	370.0	1588.1	7.14	990.0	292.1	9.33
706.7	543.4	7.09	430.0	1648.1	7.10	970.0	312.1	8.97
643.3	606.8	7.20	490.0	1708.1	6.95	930.0	352.1	8.40
580.0	670.1	7.35	550.0	1768.1	6.98	910.0	372.1	8.09
516.7	733.4	7.05	610.0	1828.1	7.01	870.0	412.1	7.77
453.3	796.8	7.11	670.0	1888.1	6.99	850.0	432.1	7.67
402.7	847.4	7.13	730.0	1948.1	6.95	810.0	472.1	7.47
339.3	910.8	7.29	790.0	2008.1	6.97	790.0	492.1	7.39
288.7	961.4	7.38	850.0	2068.1	7.15	750.0	532.1	7.24
225.3	1024.8	7.49	910.0	2128.1	7.28	730.0	552.1	7.15
174.7	1075.4	7.71	970.0	2188.1	7.33	690.0	592.1	7.11
111.3	1138.8	7.47	1030.0	2248.1	7.48	670.0	612.1	7.13
60.7	1189.4	7.42	1090.0	2308.1	7.75	630.0	652.1	7.67
10.0	1260.1	7.55	1150.0	2368.1	7.78	610.0	672.1	7.51
119.3	1369.4	7.43	1210.0	2428.1	7.77	570.0	712.1	7.30
256.0	1506.1	7.15	1270.0	2488.1	8.01	550.0	732.1	7.21
365.3	1615.4	7.12	1330.0	2548.1	8.14	510.0	772.1	7.12
502.0	1752.1	6.95	1390.0	2608.1	8.31	490.0	792.1	7.14
611.3	1861.4	6.98	1470.0	2688.1	8.56	450.0	832.1	7.15
748.0	1998.1	6.95	1530.0	2748.1	8.81	430.0	852.1	7.24
857.3	2107.4	7.20	1610.0	2828.1	8.99	390.0	892.1	7.37
994.0	2244.1	7.44	1670.0	2888.1	9.11	370.0	912.1	7.37
1103.3	2353.4	7.79	1750.0	2968.1	9.37	330.0	952.1	7.41
1240.0	2490.1	7.87	1810.0	3028.1	9.58	310.0	972.1	7.36
1349.3	2599.4	8.30	1890.0	3108.1	9.54	270.0	1012.1	7.46
1486.0	2736.1	8.72	1950.0	3168.1	9.53	250.0	1032.1	7.52
1595.3	2845.4	9.03	2030.0	3248.1	9.80	210.0	1072.1	7.73
1732.0	2982.1	9.36	2090.0	3308.1	9.94	190.0	1092.1	7.72
1841.3	3091.4	9.61	2170.0	3388.1	10.24	150.0	1132.1	7.52
1978.0	3228.1	9.67	2230.0	3448.1	10.57	130.0	1152.1	7.49
2087.3	3337.4	10.00	2310.0	3528.1	10.93	90.0	1192.1	7.52
2224.0	3474.1	10.61	2370.0	3588.1	11.18	70.0	1212.1	7.47
2333.3	3583.4	11.01	2450.0	3668.1	11.64	30.0	1252.1	7.46
2470.0	3720.1	11.83	2510.0	3728.1	12.11	10.0	1272.1	7.50

REV. X2

LAVI-ED13119/2

101012

Page 2 of 5



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED • RoHS compliant
P.O. Box 350166, Brooklyn, New York 11235-0006 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see



Frequency Mixer

LAVI-ED13119/2

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+21	+22	+23	+21	+22	+23
140.1	39.34	39.38	39.45	41.63	41.74	41.89
240.1	32.73	32.79	32.80	33.67	33.70	33.73
340.1	34.83	34.86	34.94	33.95	33.96	34.02
440.1	36.73	36.72	36.70	38.38	38.41	38.42
540.1	39.55	39.56	39.70	45.69	45.70	45.78
640.1	42.53	42.49	42.48	54.37	54.14	53.89
740.1	45.61	45.51	45.48	51.25	51.37	51.57
840.1	47.88	47.78	47.67	49.54	49.49	49.49
940.1	48.60	48.46	48.29	47.48	47.50	47.52
1040.1	49.22	49.04	48.88	44.36	44.42	44.50
1140.1	52.20	52.19	52.19	47.06	47.35	47.58
1240.1	50.78	50.49	50.09	50.65	50.77	50.70
1340.1	48.39	48.32	48.21	43.21	43.04	42.88
1440.1	45.11	44.99	44.98	41.45	41.44	41.59
1540.1	43.09	43.02	42.97	41.68	41.63	41.60
1640.1	41.54	41.43	41.41	41.94	41.73	41.64
1740.1	39.66	39.61	39.64	43.14	42.83	42.62
1840.1	39.50	39.54	39.59	44.27	43.93	43.60
1920.1	39.73	39.75	39.77	43.86	43.48	43.13
2020.1	40.23	39.96	39.89	42.86	42.35	42.02
2100.1	39.33	39.24	39.03	40.79	40.57	40.23
2200.1	37.63	37.52	37.34	39.22	39.13	38.90
2280.1	35.95	35.86	35.71	38.54	38.51	38.42
2380.1	34.53	34.43	34.16	38.71	38.70	38.51
2460.1	33.54	33.32	33.20	39.16	39.05	39.02
2560.1	32.39	32.37	32.28	40.11	40.22	40.19
2640.1	32.07	32.08	32.06	41.05	41.14	41.17
2740.1	32.34	32.43	32.37	42.68	42.79	42.77
2820.1	33.16	33.21	33.13	44.60	44.69	44.60
2920.1	34.32	34.33	34.20	47.61	47.74	47.70
3000.1	35.55	35.59	35.60	49.65	49.95	50.14
3100.1	37.92	37.92	37.86	47.67	48.08	48.37
3180.1	40.81	40.93	40.81	41.91	42.18	42.28
3280.1	46.70	46.93	47.02	36.80	36.97	36.98
3360.1	52.35	52.71	52.95	34.97	34.98	34.97
3460.1	59.24	60.32	61.98	34.09	34.04	33.91
3540.1	62.68	63.35	64.32	33.79	33.76	33.57
3640.1	66.02	64.26	62.28	33.74	33.71	33.49
3720.1	52.31	51.68	51.07	33.97	33.82	33.62
3820.1	44.56	44.26	43.76	34.62	34.56	34.32

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+21	+22	+23
60.1	140.1	29.34	29.20	29.08
160.1	240.1	24.30	24.27	24.28
260.1	340.1	25.24	25.52	25.82
360.1	440.1	36.33	37.58	39.13
460.1	540.1	42.57	42.90	41.17
560.1	640.1	39.91	40.58	41.11
660.1	740.1	37.05	37.44	37.68
760.1	840.1	36.75	36.84	37.13
860.1	940.1	39.59	39.61	39.25
960.1	1040.1	38.97	38.40	37.41
1060.1	1140.1	37.81	36.51	34.67
1160.1	1240.1	37.09	34.98	32.32
1260.1	1340.1	40.14	38.19	36.09
1360.1	1440.1	38.16	35.78	30.99
1460.1	1540.1	39.16	37.89	36.26
1560.1	1640.1	38.48	37.31	35.96
1660.1	1740.1	37.37	36.41	35.14
1760.1	1840.1	37.97	37.37	36.55
1840.1	1920.1	37.77	37.26	36.57
1940.1	2020.1	37.93	37.28	36.34
2020.1	2100.1	38.28	37.92	37.35
2120.1	2200.1	38.42	38.08	37.78
2200.1	2280.1	38.54	38.29	38.16
2300.1	2380.1	39.30	39.23	38.82
2380.1	2460.1	40.56	40.24	40.15
2480.1	2560.1	40.57	40.54	40.49
2560.1	2640.1	38.14	38.19	38.09
2660.1	2740.1	35.38	35.21	35.03
2740.1	2820.1	34.30	34.31	34.11
2840.1	2920.1	34.28	34.01	33.69
2920.1	3000.1	34.68	34.57	34.49
3020.1	3100.1	35.03	34.90	34.97
3100.1	3180.1	34.74	34.84	35.20
3200.1	3280.1	34.78	34.93	35.02
3280.1	3360.1	35.94	36.01	35.91
3380.1	3460.1	36.46	36.28	36.24
3460.1	3540.1	35.96	35.89	36.04
3560.1	3640.1	35.49	35.49	35.40
3640.1	3720.1	35.07	34.97	35.04
3740.1	3820.1	34.61	34.51	34.45

Frequency Mixer

LAVI-ED13119/2

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=2300.1001MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+21	+22	+23		+21	+22	+23		+21	+22	+23
60.1	140.1	5.07	5.02	4.96	140.1	6.97	6.94	6.94	10.1	1.26	1.29	1.33
160.1	240.1	1.33	1.33	1.34	240.1	5.34	5.33	5.33	70.1	1.24	1.27	1.29
260.1	340.1	1.39	1.41	1.43	340.1	5.19	5.19	5.17	130.1	1.28	1.29	1.31
360.1	440.1	1.52	1.54	1.56	440.1	6.91	6.89	6.89	190.1	1.35	1.36	1.37
460.1	540.1	1.59	1.60	1.61	540.1	7.08	7.08	7.05	250.1	1.46	1.47	1.47
560.1	640.1	1.66	1.65	1.65	640.1	6.21	6.19	6.19	310.1	1.58	1.58	1.58
660.1	740.1	1.76	1.75	1.74	740.1	5.58	5.56	5.58	370.1	1.68	1.67	1.67
760.1	840.1	1.92	1.89	1.86	840.1	5.13	5.13	5.13	430.1	1.77	1.77	1.76
860.1	940.1	2.19	2.15	2.11	940.1	4.92	4.92	4.91	490.1	1.84	1.84	1.83
960.1	1040.1	2.35	2.30	2.25	1040.1	4.67	4.67	4.66	550.1	1.89	1.88	1.87
1060.1	1140.1	2.51	2.46	2.41	1140.1	4.54	4.54	4.52	610.1	1.92	1.90	1.89
1160.1	1240.1	2.64	2.58	2.54	1240.1	4.46	4.46	4.44	670.1	1.88	1.86	1.84
1260.1	1340.1	2.57	2.52	2.47	1340.1	4.36	4.36	4.34	730.1	1.80	1.78	1.77
1360.1	1440.1	2.31	2.25	2.21	1440.1	4.35	4.35	4.33	790.1	1.75	1.73	1.72
1460.1	1540.1	1.99	1.94	1.90	1540.1	4.29	4.29	4.29	850.1	1.67	1.65	1.63
1560.1	1640.1	1.70	1.67	1.64	1640.1	4.29	4.27	4.28	910.1	1.55	1.53	1.51
1660.1	1740.1	1.48	1.45	1.43	1740.1	4.36	4.34	4.35	970.1	1.44	1.42	1.41
1760.1	1840.1	1.32	1.31	1.31	1840.1	4.35	4.33	4.33	1030.1	1.31	1.29	1.28
1840.1	1920.1	1.34	1.34	1.35	1920.1	4.36	4.34	4.33	1090.1	1.19	1.17	1.16
1940.1	2020.1	1.51	1.53	1.56	2020.1	4.17	4.15	4.10	1150.1	1.11	1.09	1.07
2020.1	2100.1	1.68	1.71	1.74	2100.1	3.91	3.90	3.86	1210.1	1.09	1.07	1.06
2120.1	2200.1	1.90	1.93	1.96	2200.1	3.45	3.44	3.38	1270.1	1.13	1.13	1.14
2200.1	2280.1	2.07	2.11	2.15	2280.1	3.16	3.16	3.13	1330.1	1.19	1.19	1.20
2300.1	2380.1	2.17	2.21	2.25	2380.1	2.80	2.79	2.79	1390.1	1.23	1.24	1.25
2380.1	2460.1	2.22	2.26	2.30	2460.1	2.65	2.66	2.68	1450.1	1.28	1.30	1.31
2480.1	2560.1	2.22	2.25	2.28	2560.1	2.55	2.54	2.57	1510.1	1.32	1.34	1.35
2560.1	2640.1	2.20	2.23	2.26	2640.1	2.54	2.54	2.56	1570.1	1.36	1.38	1.40
2660.1	2740.1	2.25	2.27	2.31	2740.1	2.56	2.56	2.56	1630.1	1.41	1.42	1.44
2740.1	2820.1	2.29	2.32	2.36	2820.1	2.59	2.59	2.58	1690.1	1.42	1.44	1.46
2840.1	2920.1	2.40	2.43	2.47	2920.1	2.63	2.63	2.59	1750.1	1.41	1.43	1.45
2920.1	3000.1	2.52	2.54	2.57	3000.1	2.66	2.66	2.62	1810.1	1.44	1.47	1.48
3020.1	3100.1	2.62	2.65	2.68	3100.1	2.67	2.67	2.64	1870.1	1.49	1.51	1.53
3100.1	3180.1	2.68	2.71	2.74	3180.1	2.67	2.67	2.65	1930.1	1.54	1.56	1.58
3200.1	3280.1	2.73	2.75	2.78	3280.1	2.70	2.71	2.71	1990.1	1.61	1.62	1.64
3280.1	3360.1	2.73	2.75	2.77	3360.1	2.72	2.71	2.72	2030.1	1.69	1.71	1.73
3380.1	3460.1	2.66	2.67	2.68	3460.1	2.75	2.75	2.77	2090.1	1.84	1.86	1.88
3460.1	3540.1	2.56	2.57	2.58	3540.1	2.69	2.67	2.69	2130.1	1.98	2.00	2.02
3560.1	3640.1	2.47	2.48	2.48	3640.1	2.67	2.66	2.67	2190.1	2.24	2.27	2.31
3640.1	3720.1	2.36	2.37	2.37	3720.1	2.60	2.58	2.57	2230.1	2.51	2.54	2.57
3740.1	3820.1	2.25	2.25	2.25	3820.1	2.60	2.58	2.55	2290.1	2.82	2.87	2.92

REV. X2

LAVI-ED13119/2

101012

Page 4 of 5



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED • RoHS compliant
P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	4	9	10	23	21	35	33	30	39
1	-	36	+0	47	16	49	25	51	44	51	56	47
2	>100	>79	69	77	67	69	>79	67	>79	>79	>79	>79
3	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
4	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
5	>100	>79	>79	>79	>79	78	>79	78	>79	>79	>79	>79
6	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
8	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	>100	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1250 MHz; -14.00 dBm.
LO IN: 1330 MHz; +22.00 dBm
IF OUT: 80 MHz; -21.44 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	14	19	20	33	31	45	43	40	50
1	-	36	+0	46	16	49	25	50	44	51	56	47
2	84	71	72	67	80	59	80	57	81	78	81	74
3	>100	>89	79	>89	77	>89	81	>89	81	>89	>89	>89
4	>100	>89	>89	>89	>89	>89	88	>89	>89	>89	>89	>89
5	>100	>89	>89	>89	>89	86	>89	>89	>89	>89	>89	>89
6	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
7	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
8	>100	>89	>89	>89	>89	>89	>89	>89	87	>89	>89	>89
9	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
10	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1250 MHz; -4.00 dBm.
LO IN: 1330 MHz; +22.00 dBm
IF OUT: 80 MHz; -11.44 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.