

Frequency Mixer

HJK-ED10903/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=200MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+16dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+17	+20	+23			+17	+20	+23			+17	+20	+23
400.1	200.1	5.79	5.99	7.74	400.1	200.1	27.24	30.66	23.21	400.1	200.1	0.39	0.34	-0.50
450.1	250.1	6.31	6.14	7.12	450.1	250.1	21.73	23.07	22.19	450.1	250.1	0.27	0.33	-0.35
500.1	300.1	7.43	6.79	6.43	500.1	300.1	21.77	23.12	26.55	500.1	300.1	-0.26	0.01	0.06
550.1	350.1	7.84	7.10	6.78	550.1	350.1	21.35	22.11	24.07	550.1	350.1	-0.34	-0.16	-0.08
600.1	400.1	8.54	7.64	7.41	600.1	400.1	20.73	21.59	22.44	600.1	400.1	-0.49	-0.27	-0.23
650.1	450.1	8.62	7.79	7.65	650.1	450.1	19.44	20.33	22.80	650.1	450.1	-0.60	-0.37	-0.23
700.1	500.1	9.03	7.95	7.22	700.1	500.1	18.50	19.83	23.02	700.1	500.1	-0.70	-0.44	-0.03
750.1	550.1	10.93	9.97	8.48	750.1	550.1	17.35	17.37	22.31	750.1	550.1	-0.47	-0.59	0.30
790.1	590.1	10.92	9.61	8.22	790.1	590.1	16.75	18.03	21.37	790.1	590.1	-1.20	-0.60	0.03
840.1	640.1	10.59	9.47	8.15	840.1	640.1	16.76	17.77	22.46	840.1	640.1	-1.25	-0.72	-0.10
880.1	680.1	10.84	9.51	8.37	880.1	680.1	16.48	18.15	20.60	880.1	680.1	-1.59	-0.96	-0.30
930.1	730.1	10.81	9.48	8.46	930.1	730.1	16.97	18.75	20.85	930.1	730.1	-1.46	-0.94	-0.34
970.1	770.1	11.05	9.74	8.67	970.1	770.1	16.97	18.61	21.13	970.1	770.1	-1.56	-0.98	-0.42
1020.1	820.1	11.04	9.79	8.78	1020.1	820.1	17.08	18.09	21.00	1020.1	820.1	-1.49	-1.01	-0.42
1060.1	860.1	11.13	9.60	8.92	1060.1	860.1	17.07	18.33	22.67	1060.1	860.1	-1.58	-1.05	-0.46
1110.1	910.1	11.18	9.79	9.09	1110.1	910.1	17.30	18.35	21.57	1110.1	910.1	-1.57	-1.61	-0.45
1150.1	950.1	11.22	9.93	9.42	1150.1	950.1	17.67	20.48	22.23	1150.1	950.1	-1.67	-1.69	-0.47
1200.1	1000.1	11.48	10.49	9.75	1200.1	1000.1	19.29	21.36	21.77	1200.1	1000.1	-1.55	-1.49	-0.17
1240.1	1040.1	11.21	10.20	9.35	1240.1	1040.1	20.10	21.66	25.35	1240.1	1040.1	-1.03	-1.11	-0.15
1290.1	1090.1	10.67	9.58	8.76	1290.1	1090.1	20.55	21.70	29.95	1290.1	1090.1	-0.98	-0.68	-0.22
1330.1	1130.1	10.18	9.13	8.39	1330.1	1130.1	20.35	21.81	26.96	1330.1	1130.1	-1.05	-1.29	-0.22
1380.1	1180.1	9.73	8.82	8.01	1380.1	1180.1	21.40	23.91	26.93	1380.1	1180.1	-0.86	-1.04	-0.13
1420.1	1220.1	9.28	8.43	7.95	1420.1	1220.1	22.58	24.42	28.80	1420.1	1220.1	-0.70	-0.81	-0.06
1470.1	1270.1	8.86	8.16	7.54	1470.1	1270.1	23.36	23.82	32.13	1470.1	1270.1	-0.43	-0.57	0.05
1510.1	1310.1	8.47	7.92	7.46	1510.1	1310.1	22.39	23.15	38.68	1510.1	1310.1	-0.30	-0.37	0.08
1560.1	1360.1	8.18	7.69	7.61	1560.1	1360.1	25.51	28.72	34.36	1560.1	1360.1	-0.17	-0.06	-0.03
1600.1	1400.1	7.89	7.54	7.54	1600.1	1400.1	28.03	31.76	30.98	1600.1	1400.1	-0.11	0.01	-0.09
1650.1	1450.1	7.93	7.60	7.44	1650.1	1450.1	29.08	31.68	35.58	1650.1	1450.1	-0.12	0.00	0.01
1690.1	1490.1	7.98	7.49	7.28	1690.1	1490.1	28.78	29.84	37.70	1690.1	1490.1	-0.15	0.20	0.07
1740.1	1540.1	8.55	8.02	7.59	1740.1	1540.1	26.97	28.44	33.05	1740.1	1540.1	-0.32	-0.15	0.07
1780.1	1580.1	8.84	8.15	7.71	1780.1	1580.1	26.73	27.77	30.45	1780.1	1580.1	-0.41	-0.51	0.02
1830.1	1630.1	9.74	8.89	8.48	1830.1	1630.1	24.42	26.57	31.88	1830.1	1630.1	-0.72	-0.75	-0.09
1870.1	1670.1	10.22	9.24	8.56	1870.1	1670.1	21.87	24.54	27.41	1870.1	1670.1	-0.93	-0.96	-0.23
1920.1	1720.1	11.43	10.02	9.53	1920.1	1720.1	18.73	20.42	22.70	1920.1	1720.1	-1.44	-1.33	-0.59
1960.1	1760.1	11.90	10.47	9.83	1960.1	1760.1	17.71	19.93	21.24	1960.1	1760.1	-1.75	-1.55	-0.76
2010.1	1810.1	13.18	11.33	11.18	2010.1	1810.1	16.29	18.60	19.75	2010.1	1810.1	-2.52	-1.98	-1.09
2050.1	1850.1	13.68	11.59	11.12	2050.1	1850.1	15.57	17.10	19.24	2050.1	1850.1	-2.89	-2.35	-1.24
2100.1	1900.1	14.83	12.17	11.86	2100.1	1900.1	14.17	16.00	17.97	2100.1	1900.1	-3.61	-2.75	-1.60

REV. X2

HJK-ED10903/1

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



Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1665.1MHz (dB)
		@LO (dBm)
		+20
605.0	1060.1	11.94
573.7	1091.4	11.97
542.4	1122.7	11.83
511.1	1154.0	10.97
479.7	1185.4	10.33
448.4	1216.7	9.96
417.1	1248.0	9.34
385.8	1279.3	8.96
354.5	1310.6	8.54
323.2	1341.9	8.14
291.8	1373.3	7.86
260.5	1404.6	7.62
229.2	1435.9	7.61
197.9	1467.2	7.82
166.6	1498.5	7.94
135.3	1529.8	8.26
103.9	1561.2	8.57
72.6	1592.5	8.90
41.3	1623.8	9.53
10.0	1655.1	10.87
10.0	1675.1	11.17
16.6	1681.7	10.77
23.2	1688.3	10.78
29.7	1694.8	10.28
36.3	1701.4	10.99
42.9	1708.0	11.09
49.5	1714.6	11.20
56.1	1721.2	11.37
62.6	1727.7	11.39
69.2	1734.3	11.59
75.8	1740.9	11.68
82.4	1747.5	11.45
88.9	1754.0	11.70
95.5	1760.6	12.06
102.1	1767.2	11.33
108.7	1773.8	12.31
115.3	1780.4	12.43
121.8	1786.9	12.56
128.4	1793.5	13.01
135.0	1800.1	13.08

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1580.1MHz (dB)
		@LO (dBm)
		+20
10.0	1590.1	10.04
14.0	1594.1	9.61
18.0	1598.1	9.57
22.0	1602.1	9.54
26.0	1606.1	9.58
30.0	1610.1	9.10
34.0	1614.1	9.43
38.0	1618.1	9.04
42.0	1622.1	9.51
46.0	1626.1	9.76
50.0	1630.1	9.47
54.0	1634.1	9.82
58.0	1638.1	9.90
62.0	1642.1	9.97
66.0	1646.1	10.04
70.0	1650.1	10.15
74.0	1654.1	9.50
78.0	1658.1	9.59
82.0	1662.1	9.85
86.0	1666.1	10.30
90.0	1670.1	10.29
94.0	1674.1	9.83
98.0	1678.1	10.38
102.0	1682.1	10.51
106.0	1686.1	10.63
110.0	1690.1	10.70
114.0	1694.1	10.79
118.0	1698.1	10.92
122.0	1702.1	11.12
126.0	1706.1	11.27
130.0	1710.1	11.34
134.0	1714.1	10.79
138.0	1718.1	11.63
142.0	1722.1	11.55
146.0	1726.1	11.80
150.0	1730.1	11.83
154.0	1734.1	11.97
158.0	1738.1	12.03
166.0	1746.1	12.17
170.0	1750.1	12.23

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1750.1MHz (dB)
		@LO (dBm)
		+20
770.0	980.1	12.47
750.0	1000.1	12.80
730.0	1020.1	13.02
710.0	1040.1	13.21
690.0	1060.1	12.07
670.0	1080.1	12.40
650.0	1100.1	12.21
630.0	1120.1	11.82
610.0	1140.1	11.56
590.0	1160.1	11.17
570.0	1180.1	10.80
550.0	1200.1	10.53
530.0	1220.1	10.16
510.0	1240.1	9.82
490.0	1260.1	9.53
470.0	1280.1	9.20
450.0	1300.1	8.97
430.0	1320.1	8.64
410.0	1340.1	7.85
390.0	1360.1	8.01
370.0	1380.1	7.85
350.0	1400.1	7.72
330.0	1420.1	7.55
310.0	1440.1	7.64
290.0	1460.1	7.77
270.0	1480.1	7.79
250.0	1500.1	7.74
230.0	1520.1	8.17
210.0	1540.1	8.44
190.0	1560.1	8.60
170.0	1580.1	8.74
150.0	1600.1	8.89
130.0	1620.1	9.38
110.0	1640.1	9.69
90.0	1660.1	9.95
70.0	1680.1	10.42
50.0	1700.1	10.84
40.0	1710.1	11.30
20.0	1730.1	11.90
10.0	1740.1	12.49

Frequency Mixer

HJK-ED10903/1

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+17	+20	+23	+17	+20	+23
200.1	44.85	45.28	44.65	36.68	37.22	36.99
250.1	47.25	47.84	49.98	40.81	42.06	43.07
300.1	49.73	50.92	51.14	44.86	46.20	46.55
350.1	49.01	50.00	48.73	46.24	46.53	46.48
400.1	47.63	48.64	46.56	45.61	45.01	44.36
450.1	45.60	46.13	43.93	43.43	42.69	41.84
500.1	43.39	43.36	41.75	41.44	40.51	39.27
550.1	42.87	43.57	41.66	41.18	40.14	37.89
590.1	42.72	43.19	40.69	40.38	39.64	37.89
640.1	42.65	42.81	40.49	38.85	38.51	36.89
680.1	41.94	42.40	40.08	37.85	37.75	36.27
730.1	41.46	42.10	39.73	36.59	36.71	35.27
770.1	40.85	41.67	39.31	35.87	36.04	34.78
820.1	39.94	40.87	38.53	34.91	35.35	33.94
860.1	39.09	40.01	37.79	34.32	35.00	33.46
910.1	38.71	39.69	37.60	33.63	34.54	32.70
950.1	38.14	39.31	37.43	33.49	35.22	32.75
1000.1	37.06	38.34	37.23	34.20	36.38	34.41
1040.1	36.79	37.72	36.31	34.92	35.67	35.12
1090.1	36.40	37.22	35.68	32.93	33.22	32.75
1130.1	35.94	36.71	35.29	32.17	32.48	32.05
1180.1	34.96	35.69	34.53	31.79	32.10	31.59
1220.1	33.86	34.41	33.37	31.63	31.96	31.41
1270.1	31.92	32.05	30.71	32.05	32.52	32.08
1310.1	31.15	31.50	30.50	32.94	33.52	33.11
1360.1	31.16	32.08	31.72	34.63	34.80	33.99
1400.1	31.86	33.19	33.16	36.41	35.61	34.08
1450.1	32.97	34.43	34.35	39.47	37.13	34.93
1490.1	34.50	36.60	35.85	40.69	37.87	35.58
1540.1	36.64	38.85	37.53	39.39	37.97	36.26
1580.1	38.56	40.61	38.58	37.71	37.16	36.02
1630.1	41.48	43.71	40.24	36.18	36.01	35.18
1670.1	44.01	46.48	42.11	35.43	35.17	34.23
1720.1	45.45	49.65	43.28	35.20	34.75	33.77
1760.1	45.02	49.31	42.61	35.45	34.87	33.79
1810.1	43.78	48.11	41.20	36.10	35.37	33.95
1850.1	43.15	46.87	40.28	36.59	34.67	34.03
1900.1	42.86	45.88	39.48	37.17	34.88	34.11

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+17	+20	+23
400.1	200.1	43.54	42.75	39.58
450.1	250.1	44.04	42.58	32.98
500.1	300.1	42.76	42.60	35.61
550.1	350.1	38.99	36.35	37.70
600.1	400.1	41.98	38.75	45.14
650.1	450.1	42.58	39.66	47.07
700.1	500.1	39.72	36.42	43.12
750.1	550.1	39.00	34.27	41.03
790.1	590.1	40.63	34.83	41.20
840.1	640.1	43.16	36.98	39.13
880.1	680.1	45.25	37.24	42.60
930.1	730.1	54.71	40.76	38.77
970.1	770.1	54.52	44.20	37.89
1020.1	820.1	41.96	57.45	33.42
1060.1	860.1	36.40	41.09	29.64
1110.1	910.1	31.09	32.81	25.34
1150.1	950.1	27.82	28.35	22.30
1200.1	1000.1	26.72	28.11	22.59
1240.1	1040.1	50.55	37.46	34.97
1290.1	1090.1	25.51	24.46	22.64
1330.1	1130.1	24.73	24.12	23.13
1380.1	1180.1	25.76	25.44	24.64
1420.1	1220.1	26.79	26.50	26.02
1470.1	1270.1	28.01	27.44	28.29
1510.1	1310.1	28.87	28.02	31.04
1560.1	1360.1	30.30	29.45	29.28
1600.1	1400.1	31.49	31.07	30.70
1650.1	1450.1	32.05	31.93	35.21
1690.1	1490.1	31.07	30.51	35.00
1740.1	1540.1	30.80	29.95	31.31
1780.1	1580.1	31.07	29.80	30.79
1830.1	1630.1	31.09	29.81	30.90
1870.1	1670.1	30.53	29.25	30.62
1920.1	1720.1	29.65	28.16	29.58
1960.1	1760.1	29.12	27.55	29.15
2010.1	1810.1	29.27	27.53	29.42
2050.1	1850.1	29.84	27.85	29.82
2100.1	1900.1	31.95	29.02	30.84

REV. X2

HJK-ED10903/1

101012

Page 3 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

HJK-ED10903/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=1550MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+17	+20	+23		+17	+20	+23		+17	+20	+23
400.1	200.1	1.48	1.53	2.00	200.1	5.31	2.51	4.63	10.0	1.35	1.38	1.62
450.1	250.1	1.63	1.63	1.87	250.1	8.95	9.58	8.81	50.0	1.09	1.28	1.50
500.1	300.1	1.78	1.71	1.68	300.1	18.70	8.35	19.98	90.0	1.10	1.27	1.49
550.1	350.1	2.03	1.95	1.80	350.1	23.49	6.56	26.33	130.0	1.15	1.25	1.49
600.1	400.1	2.26	2.15	2.06	400.1	24.83	5.46	29.46	170.0	1.23	1.28	1.48
650.1	450.1	2.46	2.36	2.25	450.1	22.87	5.42	27.16	210.0	1.28	1.30	1.47
700.1	500.1	2.60	2.46	2.17	500.1	19.54	5.31	22.00	250.0	1.38	1.37	1.49
750.1	550.1	2.48	2.10	1.92	550.1	19.76	5.10	24.83	290.0	1.46	1.42	1.50
790.1	590.1	2.66	2.40	1.98	590.1	21.20	4.47	26.74	330.0	1.54	1.49	1.53
840.1	640.1	2.86	2.61	2.14	640.1	20.95	4.40	26.33	370.0	1.67	1.60	1.60
880.1	680.1	3.05	2.55	2.29	680.1	20.70	4.02	26.74	410.0	1.73	1.64	1.60
930.1	730.1	3.21	2.71	2.42	730.1	20.22	4.01	25.19	450.0	1.84	1.74	1.68
970.1	770.1	3.31	3.01	2.52	770.1	19.98	6.30	25.56	490.0	1.93	1.82	1.72
1020.1	820.1	3.46	3.15	2.63	820.1	18.30	8.51	21.73	530.0	2.04	1.90	1.78
1060.1	860.1	3.43	3.08	2.64	860.1	18.30	4.32	23.18	570.0	2.11	1.96	1.82
1110.1	910.1	3.49	3.01	2.68	910.1	16.89	4.00	19.54	610.0	2.19	2.03	1.84
1150.1	950.1	3.45	2.90	2.65	950.1	17.05	3.52	21.20	650.0	2.26	2.09	1.90
1200.1	1000.1	3.30	2.88	2.48	1000.1	14.38	3.48	15.67	690.0	2.34	2.16	1.92
1240.1	1040.1	3.05	2.86	2.38	1040.1	13.81	3.44	16.72	730.0	2.40	2.22	1.97
1290.1	1090.1	3.06	2.83	2.40	1090.1	12.61	4.18	13.81	770.0	2.45	2.27	1.97
1330.1	1130.1	2.97	2.80	2.32	1130.1	12.09	3.08	13.70	810.0	2.51	2.30	2.02
1380.1	1180.1	2.77	2.62	2.20	1180.1	10.31	2.77	10.89	850.0	2.52	2.30	2.03
1420.1	1220.1	2.65	2.50	2.10	1220.1	8.81	2.43	9.23	890.0	2.59	2.36	2.07
1470.1	1270.1	2.40	2.28	1.93	1270.1	6.46	3.11	6.35	930.0	2.57	2.35	2.07
1510.1	1310.1	2.21	2.08	1.80	1310.1	4.74	1.85	4.50	970.0	2.61	2.40	2.08
1560.1	1360.1	1.96	1.86	1.73	1360.1	2.91	1.59	2.48	1010.0	2.61	2.41	2.11
1600.1	1400.1	1.85	1.73	1.66	1400.1	1.87	1.62	1.63	1050.0	2.57	2.39	2.07
1650.1	1450.1	1.78	1.68	1.61	1450.1	1.55	2.18	1.82	1090.0	2.58	2.41	2.08
1690.1	1490.1	1.80	1.70	1.54	1490.1	2.25	2.48	2.69	1130.0	2.45	2.29	1.98
1740.1	1540.1	1.86	1.77	1.52	1540.1	3.57	2.53	4.14	1170.0	2.48	2.28	2.02
1780.1	1580.1	1.96	1.85	1.56	1580.1	4.84	2.58	5.52	1210.0	2.37	2.21	1.94
1830.1	1630.1	2.05	1.90	1.61	1630.1	6.49	2.69	7.14	1250.0	2.33	2.18	1.90
1870.1	1670.1	2.18	2.02	1.67	1670.1	7.90	4.57	8.81	1290.0	2.28	2.16	1.88
1920.1	1720.1	2.34	2.11	1.78	1720.1	9.33	3.34	9.85	1330.0	2.17	2.07	1.80
1960.1	1760.1	2.48	2.24	1.88	1760.1	10.62	2.97	11.93	1370.0	2.20	2.09	1.85
2010.1	1810.1	2.63	2.17	2.03	1810.1	11.09	3.88	11.09	1410.0	2.09	1.99	1.77
2050.1	1850.1	2.76	2.48	2.14	1850.1	12.61	2.97	14.26	1450.0	2.09	2.00	1.82
2100.1	1900.1	2.88	2.58	2.30	1900.1	12.44	2.83	11.53	1470.0	2.06	1.98	1.85

REV. X2

HJK-ED10903/1

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	-	-	12	16	19	16	21	21	33	24	42	32
1	-	27	+0	31	17	40	24	39	38	50	36	49
2	61	64	56	68	65	63	77	62	64	60	68	60
3	>90	79	>83	77	73	80	76	>83	74	81	82	>83
4	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
5	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
6	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1665 MHz; 1.00 dBm.
LO IN: 1465 MHz; +20.00 dBm
IF OUT: 200 MHz; -6.65 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	22	27	29	27	31	31	45	33	52	43
1	-	27	+0	31	17	40	24	39	39	50	37	49
2	41	56	49	51	64	52	60	54	54	51	61	51
3	76	72	54	67	47	62	50	66	50	61	60	67
4	>90	72	74	74	73	75	75	80	>93	87	78	74
5	>90	83	66	78	71	75	70	72	73	79	74	83
6	>90	89	86	80	77	85	79	78	78	82	85	>93
7	>90	78	83	86	83	87	79	>93	77	85	82	88
8	>90	>93	>93	88	>93	>93	>93	>93	>93	88	92	88
9	>90	>93	>93	89	93	>93	>93	91	>93	>93	93	>93
10	>90	>93	>93	>93	93	>93	>93	>93	>93	>93	>93	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1665 MHz; 11.00 dBm.
LO IN: 1465 MHz; +20.00 dBm
IF OUT: 200 MHz; 3.3 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

HJK-ED10903/1

101012

Page 5 of 5



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED • RoHS compliant
P.O. Box 350186, 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

