

Frequency Mixer

SYM-ED16061/2

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=109MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+17dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+17	+20	+23			+17	+20	+23			+17	+20	+23
10.1	119.1	7.98	7.62	7.47	10.1	119.1	28.71	28.25	32.73	10.1	119.1	0.54	0.13	0.08
50.1	159.1	7.92	7.63	7.51	50.1	159.1	26.28	31.32	37.27	50.1	159.1	0.62	0.29	0.10
90.1	199.1	7.90	7.61	7.50	90.1	199.1	27.94	33.45	37.76	90.1	199.1	0.64	0.27	0.12
140.1	249.1	7.88	7.62	7.52	140.1	249.1	29.75	35.34	36.49	140.1	249.1	0.67	0.25	0.10
180.1	289.1	7.89	7.62	7.52	180.1	289.1	28.91	35.29	40.33	180.1	289.1	0.65	0.26	0.10
230.1	339.1	7.89	7.64	7.53	230.1	339.1	31.64	33.50	38.21	230.1	339.1	0.64	0.25	0.10
270.1	379.1	7.97	7.67	7.55	270.1	379.1	28.27	34.19	37.56	270.1	379.1	0.64	0.26	0.11
320.1	429.1	7.92	7.69	7.58	320.1	429.1	30.94	35.12	32.99	320.1	429.1	0.70	0.28	0.13
360.1	469.1	7.97	7.70	7.58	360.1	469.1	29.53	34.03	33.75	360.1	469.1	0.72	0.28	0.10
410.1	519.1	7.95	7.69	7.56	410.1	519.1	28.51	30.39	35.62	410.1	519.1	0.72	0.28	0.10
450.1	559.1	8.03	7.71	7.56	450.1	559.1	28.32	33.17	30.31	450.1	559.1	0.78	0.30	0.12
500.1	609.1	8.08	7.77	7.62	500.1	609.1	27.34	31.44	32.61	500.1	609.1	0.86	0.44	0.21
540.1	649.1	8.12	7.77	7.61	540.1	649.1	29.05	31.56	30.36	540.1	649.1	0.88	0.46	0.23
590.1	699.1	8.18	7.87	7.68	590.1	699.1	28.88	32.71	31.21	590.1	699.1	1.11	0.47	0.22
630.1	739.1	8.12	7.85	7.69	630.1	739.1	30.75	28.67	26.91	630.1	739.1	1.12	0.46	0.26
670.1	779.1	8.20	7.92	7.76	670.1	779.1	27.22	27.54	26.48	670.1	779.1	1.37	0.59	0.39
720.1	829.1	7.99	7.77	7.65	720.1	829.1	29.07	26.38	26.87	720.1	829.1	1.41	0.51	0.26
760.1	869.1	8.07	7.81	7.68	760.1	869.1	26.73	29.31	30.44	760.1	869.1	1.48	0.62	0.34
810.1	919.1	7.98	7.75	7.63	810.1	919.1	27.19	33.39	38.70	810.1	919.1	1.68	0.64	0.29
850.1	959.1	8.14	7.86	7.71	850.1	959.1	26.53	33.02	33.56	850.1	959.1	1.57	0.50	0.20
900.1	1009.1	8.23	7.94	7.78	900.1	1009.1	26.28	33.31	29.67	900.1	1009.1	1.73	0.63	0.29
940.1	1049.1	8.40	8.06	7.86	940.1	1049.1	27.70	31.75	28.36	940.1	1049.1	1.72	0.67	0.37
990.1	1099.1	8.63	8.25	8.02	990.1	1099.1	29.26	28.06	26.53	990.1	1099.1	1.78	0.70	0.33
1030.1	1139.1	8.68	8.28	8.04	1030.1	1139.1	29.44	25.63	25.17	1030.1	1139.1	1.67	0.69	0.35
1080.1	1189.1	8.93	8.39	8.08	1080.1	1189.1	27.09	26.81	24.66	1080.1	1189.1	1.64	0.88	0.52
1120.1	1229.1	8.85	8.34	8.02	1120.1	1229.1	28.05	23.61	23.46	1120.1	1229.1	1.52	0.78	0.53
1170.1	1279.1	8.86	8.35	8.04	1170.1	1279.1	24.51	22.59	23.61	1170.1	1279.1	1.68	0.95	0.61
1210.1	1319.1	8.68	8.27	8.04	1210.1	1319.1	22.29	23.58	25.72	1210.1	1319.1	1.74	0.87	0.46
1250.1	1359.1	8.98	8.54	8.28	1250.1	1359.1	23.49	24.15	26.00	1250.1	1359.1	1.64	0.72	0.38
1300.1	1409.1	9.09	8.64	8.38	1300.1	1409.1	24.18	25.06	27.56	1300.1	1409.1	1.53	0.65	0.37
1340.1	1449.1	9.33	8.82	8.53	1340.1	1449.1	25.95	25.30	27.21	1340.1	1449.1	1.55	0.72	0.43
1390.1	1499.1	9.32	8.79	8.48	1390.1	1499.1	25.74	25.66	28.22	1390.1	1499.1	1.42	0.74	0.48
1430.1	1539.1	9.34	8.75	8.44	1430.1	1539.1	26.74	26.03	28.03	1430.1	1539.1	1.42	0.75	0.45
1480.1	1589.1	9.45	8.70	8.33	1480.1	1589.1	24.33	25.56	27.36	1480.1	1589.1	1.20	0.73	0.49
1520.1	1629.1	9.64	8.87	8.46	1520.1	1629.1	23.06	25.26	27.10	1520.1	1629.1	1.10	0.73	0.53
1570.1	1679.1	10.35	9.33	8.78	1570.1	1679.1	20.66	24.28	27.46	1570.1	1679.1	0.80	0.58	0.42
1610.1	1719.1	10.42	9.51	8.95	1610.1	1719.1	20.67	23.58	27.77	1610.1	1719.1	0.74	0.46	0.39
1660.1	1769.1	10.89	9.86	9.17	1660.1	1769.1	20.85	21.96	26.21	1660.1	1769.1	0.55	0.28	0.28
1700.1	1809.1	10.61	9.73	9.10	1700.1	1809.1	21.48	22.50	26.22	1700.1	1809.1	0.54	0.27	0.27
1750.1	1859.1	10.86	9.86	9.18	1750.1	1859.1	21.77	22.80	24.89	1750.1	1859.1	0.36	0.03	0.01

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=350.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=300.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=400.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+20			+20			+20
340.0	10.1	7.74	10.0	310.1	8.10	390.0	10.1	7.86
325.0	25.1	7.75	40.0	340.1	7.72	385.0	15.1	7.90
310.0	40.1	7.72	80.0	380.1	7.62	375.0	25.1	7.87
290.0	60.1	7.76	120.0	420.1	7.75	365.0	35.1	7.85
275.0	75.1	7.76	160.0	460.1	7.81	355.0	45.1	7.89
260.0	90.1	7.67	200.0	500.1	7.82	345.0	55.1	7.87
240.0	110.1	7.62	240.0	540.1	7.79	335.0	65.1	7.77
225.0	125.1	7.61	280.0	580.1	7.86	325.0	75.1	7.85
205.0	145.1	7.64	320.0	620.1	8.10	315.0	85.1	7.82
190.0	160.1	7.63	360.0	660.1	8.07	305.0	95.1	7.78
175.0	175.1	7.41	400.0	700.1	8.03	295.0	105.1	7.76
155.0	195.1	7.48	440.0	740.1	8.09	285.0	115.1	7.77
140.0	210.1	7.61	480.0	780.1	8.07	275.0	125.1	7.70
120.0	230.1	7.63	520.0	820.1	8.02	265.0	135.1	7.69
105.0	245.1	7.64	560.0	860.1	8.01	255.0	145.1	7.76
90.0	260.1	7.51	600.0	900.1	8.05	245.0	155.1	7.70
70.0	280.1	7.53	640.0	940.1	8.17	235.0	165.1	7.71
55.0	295.1	7.58	680.0	980.1	8.22	225.0	175.1	7.71
40.0	310.1	7.59	720.0	1020.1	8.15	215.0	185.1	7.71
20.0	330.1	7.68	760.0	1060.1	8.26	205.0	195.1	7.70
10.0	360.1	8.03	790.0	1090.1	8.28	200.0	200.1	7.50
80.0	430.1	7.64	830.0	1130.1	8.33	190.0	210.1	7.63
160.0	510.1	7.67	870.0	1170.1	8.45	180.0	220.1	7.59
240.0	590.1	7.80	910.0	1210.1	8.60	170.0	230.1	7.62
310.0	660.1	7.80	950.0	1250.1	8.70	160.0	240.1	7.70
390.0	740.1	8.09	990.0	1290.1	8.47	150.0	250.1	7.70
470.0	820.1	7.93	1030.0	1330.1	8.45	140.0	260.1	7.75
540.0	890.1	7.90	1070.0	1370.1	8.49	130.0	270.1	7.66
620.0	970.1	8.05	1110.0	1410.1	8.50	120.0	280.1	7.72
700.0	1050.1	8.10	1150.0	1450.1	8.63	110.0	290.1	7.71
770.0	1120.1	8.32	1190.0	1490.1	8.66	100.0	300.1	7.71
850.0	1200.1	8.49	1230.0	1530.1	8.84	90.0	310.1	7.58
930.0	1280.1	8.38	1270.0	1570.1	8.89	80.0	320.1	7.58
1010.0	1360.1	8.33	1310.0	1610.1	9.05	70.0	330.1	7.72
1080.0	1430.1	8.41	1350.0	1650.1	9.28	60.0	340.1	7.69
1160.0	1510.1	8.60	1390.0	1690.1	9.34	50.0	350.1	7.76
1240.0	1590.1	8.83	1430.0	1730.1	9.66	40.0	360.1	7.73
1310.0	1660.1	9.19	1470.0	1770.1	9.73	30.0	370.1	7.76
1390.0	1740.1	9.57	1510.0	1810.1	9.91	20.0	380.1	7.77
1470.0	1820.1	9.74	1550.0	1850.1	10.04	10.0	390.1	8.13

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+17	+20	+23	+17	+20	+23
119.1	52.57	53.96	53.60	52.89	52.87	51.75
159.1	53.47	53.99	53.29	53.43	52.25	50.86
199.1	53.75	52.90	51.64	53.31	50.92	49.31
249.1	54.97	52.94	51.33	53.23	50.15	48.43
289.1	54.81	52.00	50.27	52.42	49.24	47.56
339.1	56.27	52.74	50.85	52.30	48.89	47.20
379.1	55.06	51.99	50.31	51.35	48.33	46.81
429.1	55.06	52.87	51.48	51.37	48.57	47.06
469.1	54.00	52.65	51.59	50.10	48.12	46.88
519.1	52.48	52.60	52.47	49.13	47.69	46.64
559.1	49.83	50.48	50.85	48.42	47.43	46.55
609.1	49.00	49.77	50.29	48.42	47.91	47.39
649.1	48.14	48.99	49.68	48.52	48.17	47.77
699.1	47.59	48.40	49.08	47.94	48.54	48.43
739.1	45.85	46.58	47.23	47.80	49.23	49.43
779.1	45.62	46.41	47.06	46.45	48.13	49.04
829.1	44.16	45.00	45.72	45.01	46.84	48.40
869.1	44.43	45.23	45.84	43.97	45.89	47.93
919.1	44.56	45.38	46.15	43.60	45.80	48.09
959.1	43.01	43.70	44.30	43.41	45.64	47.86
1009.1	41.90	42.65	43.34	43.28	45.31	47.21
1049.1	42.18	42.82	43.35	43.28	45.17	46.90
1099.1	41.33	41.89	42.34	43.12	44.63	45.83
1139.1	41.95	42.58	43.07	42.93	44.13	45.04
1189.1	41.89	42.48	42.95	41.88	43.04	43.81
1229.1	41.15	41.94	42.51	40.37	41.25	42.23
1279.1	40.59	41.71	42.63	39.35	40.18	40.94
1319.1	40.86	42.12	43.12	39.72	40.31	40.67
1359.1	41.70	43.17	44.31	40.40	40.68	40.76
1409.1	41.78	43.28	44.52	40.66	40.49	40.08
1449.1	40.22	41.67	42.96	41.24	40.90	40.22
1499.1	41.45	43.20	44.92	41.32	40.55	39.33
1539.1	41.95	43.65	45.38	41.31	40.52	39.26
1589.1	42.80	44.94	47.03	39.86	39.05	37.85
1629.1	45.85	49.08	52.71	39.33	38.64	37.62
1679.1	43.92	46.69	48.95	38.86	38.08	36.84
1719.1	42.46	45.42	47.85	38.51	38.10	36.97
1769.1	43.20	46.65	50.05	38.02	37.79	36.78
1809.1	42.75	46.04	49.48	37.26	37.25	36.52
1859.1	43.61	47.79	53.31	36.95	37.06	36.50

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+17	+20	+23
10.1	119.1	35.22	36.87	38.50
50.1	159.1	35.56	36.50	37.44
90.1	199.1	37.05	38.12	39.45
140.1	249.1	36.87	37.86	39.02
180.1	289.1	38.19	39.28	40.93
230.1	339.1	37.83	38.78	39.96
270.1	379.1	37.99	38.78	40.17
320.1	429.1	37.61	37.82	38.25
360.1	469.1	37.47	37.86	38.08
410.1	519.1	36.61	36.58	36.72
450.1	559.1	36.04	36.17	36.28
500.1	609.1	34.72	34.79	34.93
540.1	649.1	34.20	34.16	34.27
590.1	699.1	34.20	33.94	33.78
630.1	739.1	33.82	33.61	33.34
670.1	779.1	33.67	33.48	33.37
720.1	829.1	33.45	33.25	33.07
760.1	869.1	33.42	33.35	33.38
810.1	919.1	33.54	33.49	33.45
850.1	959.1	33.43	33.53	33.55
900.1	1009.1	33.47	33.64	33.89
940.1	1049.1	33.37	33.54	33.71
990.1	1099.1	33.64	33.91	34.07
1030.1	1139.1	33.53	33.74	33.89
1080.1	1189.1	33.41	33.74	33.90
1120.1	1229.1	33.13	33.56	33.66
1170.1	1279.1	32.85	33.13	33.28
1210.1	1319.1	32.53	32.86	33.16
1250.1	1359.1	32.34	32.79	33.17
1300.1	1409.1	31.89	32.54	33.03
1340.1	1449.1	31.93	32.66	33.22
1390.1	1499.1	31.43	32.24	32.75
1430.1	1539.1	31.25	32.16	32.62
1480.1	1589.1	30.55	31.54	32.03
1520.1	1629.1	30.57	31.52	32.09
1570.1	1679.1	30.24	31.41	32.05
1610.1	1719.1	30.21	31.33	32.22
1660.1	1769.1	29.80	31.04	32.04
1700.1	1809.1	29.35	30.54	31.58
1750.1	1859.1	28.89	30.19	31.35

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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=509MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+17	+20	+23		+17	+20	+23		+17	+20	+23
10.1	119.1	1.38	1.37	1.43	119.1	1.34	1.45	1.94	10.1	1.12	1.07	1.04
50.1	159.1	1.26	1.34	1.40	159.1	1.39	1.44	1.88	20.1	1.18	1.09	1.03
90.1	199.1	1.25	1.32	1.39	199.1	1.38	1.49	1.93	30.1	1.18	1.08	1.03
140.1	249.1	1.28	1.35	1.40	249.1	1.50	1.56	1.99	45.1	1.12	1.03	1.04
180.1	289.1	1.29	1.35	1.40	289.1	1.51	1.64	2.07	55.1	1.15	1.05	1.03
230.1	339.1	1.35	1.39	1.43	339.1	1.57	1.71	2.16	70.1	1.19	1.08	1.01
270.1	379.1	1.38	1.42	1.46	379.1	1.63	1.79	2.22	80.1	1.16	1.06	1.03
320.1	429.1	1.45	1.48	1.51	429.1	1.69	1.90	2.37	95.1	1.15	1.05	1.02
360.1	469.1	1.48	1.51	1.53	469.1	1.72	1.97	2.44	105.1	1.18	1.07	1.01
410.1	519.1	1.52	1.53	1.55	519.1	1.76	2.07	2.57	120.1	1.19	1.10	1.07
450.1	559.1	1.58	1.58	1.60	559.1	1.83	2.18	2.70	130.1	1.17	1.09	1.08
500.1	609.1	1.63	1.61	1.61	609.1	1.98	2.32	2.84	145.1	1.13	1.03	1.03
540.1	649.1	1.69	1.65	1.64	649.1	2.12	2.47	2.99	155.1	1.19	1.09	1.03
590.1	699.1	1.74	1.70	1.67	699.1	2.20	2.57	3.11	170.1	1.20	1.11	1.07
630.1	739.1	1.78	1.73	1.69	739.1	2.30	2.72	3.26	180.1	1.18	1.09	1.07
670.1	779.1	1.81	1.75	1.71	779.1	2.35	2.81	3.38	190.1	1.17	1.08	1.05
720.1	829.1	1.85	1.78	1.74	829.1	2.34	2.86	3.45	205.1	1.21	1.11	1.07
760.1	869.1	1.87	1.78	1.74	869.1	2.33	2.89	3.52	215.1	1.21	1.12	1.09
810.1	919.1	1.97	1.86	1.79	919.1	2.31	2.89	3.52	230.1	1.17	1.10	1.09
850.1	959.1	2.06	1.94	1.86	959.1	2.33	2.95	3.60	240.1	1.18	1.08	1.06
900.1	1009.1	2.18	2.04	1.94	1009.1	2.34	2.97	3.61	255.1	1.22	1.13	1.09
940.1	1049.1	2.30	2.13	2.01	1049.1	2.37	3.01	3.64	265.1	1.21	1.13	1.10
990.1	1099.1	2.44	2.26	2.12	1099.1	2.37	3.01	3.64	280.1	1.20	1.11	1.09
1030.1	1139.1	2.55	2.33	2.18	1139.1	2.38	3.00	3.60	290.1	1.23	1.13	1.09
1080.1	1189.1	2.77	2.48	2.27	1189.1	2.39	2.98	3.58	305.1	1.25	1.16	1.13
1120.1	1229.1	2.95	2.66	2.43	1229.1	2.36	2.93	3.47	315.1	1.23	1.15	1.13
1170.1	1279.1	2.92	2.64	2.46	1279.1	2.28	2.85	3.42	330.1	1.21	1.12	1.10
1210.1	1319.1	2.89	2.66	2.51	1319.1	2.20	2.73	3.24	340.1	1.24	1.15	1.11
1250.1	1359.1	2.97	2.76	2.62	1359.1	2.16	2.64	3.14	350.1	1.27	1.18	1.14
1300.1	1409.1	3.09	2.88	2.74	1409.1	2.15	2.55	2.98	365.1	1.24	1.16	1.14
1340.1	1449.1	3.22	2.99	2.84	1449.1	2.12	2.43	2.81	375.1	1.23	1.15	1.12
1390.1	1499.1	3.32	3.08	2.94	1499.1	2.14	2.34	2.66	390.1	1.29	1.20	1.16
1430.1	1539.1	3.42	3.15	3.00	1539.1	2.15	2.23	2.45	400.1	1.30	1.22	1.19
1480.1	1589.1	3.48	3.19	3.04	1589.1	2.17	2.12	2.27	415.1	1.25	1.18	1.15
1520.1	1629.1	3.56	3.25	3.09	1629.1	2.18	2.02	2.05	425.1	1.26	1.18	1.14
1570.1	1679.1	3.60	3.27	3.09	1679.1	2.21	1.91	1.85	440.1	1.33	1.24	1.20
1610.1	1719.1	3.57	3.28	3.09	1719.1	2.22	1.83	1.68	450.1	1.32	1.24	1.21
1660.1	1769.1	3.55	3.26	3.07	1769.1	2.32	1.79	1.53	465.1	1.28	1.20	1.17
1700.1	1809.1	3.44	3.20	3.02	1809.1	2.35	1.79	1.47	475.1	1.32	1.22	1.18
1750.1	1859.1	3.36	3.11	2.94	1859.1	2.62	1.97	1.60	490.1	1.36	1.28	1.23

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	9.81	24.20	15.79	31.20	27.22	38.56	26.34	43.51	28.03	39.62
1	---	30.24	---	46.72	12.26	44.80	21.29	42.04	32.59	38.18	42.85	42.70
2	110.26	89.81	77.95	83.46	82.22	86.31	79.59	81.77	79.68	85.10	71.88	92.85
3	136.49	101.37	88.32	99.81	87.87	101.48	89.03	101.06	84.66	80.24	83.50	96.47
4	126.47	108.19	108.00	110.31	104.64	118.88	116.01	115.51	104.76	107.36	119.65	104.56
5	130.64	115.32	106.96	125.69	117.60	110.38	105.97	110.70	108.68	115.44	113.65	103.31
6	124.41	107.29	112.30	111.77	112.23	113.11	109.88	106.27	102.80	115.22	103.86	111.36
7	120.08	105.22	117.30	104.32	108.00	112.62	107.90	120.14	109.56	105.06	106.15	104.25
8	122.17	111.37	120.48	111.08	117.27	116.69	119.13	121.28	129.42	108.28	106.43	115.89
9	127.32	102.18	109.44	115.09	110.44	110.13	110.53	110.73	109.19	120.30	104.63	109.12
10	129.56	121.51	103.60	107.00	106.20	109.59	106.29	111.84	111.21	109.15	106.71	109.73
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 350 MHz; -10 dBm.
LO IN: 459 MHz; +20.00 dBm
IF OUT: 109 MHz; -17.62 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	19.72	34.21	25.76	40.98	37.33	49.12	36.93	53.61	38.72	50.41
1	---	30.17	---	46.09	12.25	44.94	21.17	42.16	32.47	38.44	44.08	43.01
2	104.15	76.12	68.41	76.10	70.17	77.61	69.20	74.23	71.64	79.03	63.10	106.40
3	109.93	86.91	69.70	83.52	68.87	83.87	71.15	84.34	68.14	81.46	65.96	77.34
4	113.54	94.91	94.37	102.49	99.36	99.96	95.61	96.02	93.01	97.28	95.76	98.40
5	110.81	100.42	95.23	97.68	103.80	105.54	92.85	112.84	86.40	110.12	85.83	97.74
6	115.17	109.58	105.19	113.41	116.07	110.80	102.65	106.34	106.65	106.29	99.86	95.30
7	113.01	106.43	109.62	105.79	107.73	117.76	105.24	109.56	105.06	105.32	103.98	97.72
8	110.12	105.13	101.26	112.90	104.51	115.72	122.22	108.63	113.83	103.62	106.70	108.44
9	116.86	107.85	104.89	102.74	104.31	107.04	104.07	104.96	104.57	104.84	108.98	104.14
10	112.60	99.12	106.74	100.85	103.38	101.31	119.25	110.82	109.38	100.31	116.10	103.11
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 350 MHz; 0 dBm.
LO IN: 459 MHz; +20.00 dBm
IF OUT: 109 MHz; -7.59 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