

Frequency Mixer

LAVI-ED14082/3

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=540MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+20dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+19	+21	+23			+19	+21	+23			+19	+21	+23
50.1	590.1	11.94	10.58	9.34	50.1	590.1	14.94	15.23	15.59	50.1	590.1	8.81	8.49	8.12
140.1	680.1	11.10	9.70	8.56	140.1	680.1	14.79	15.15	15.66	140.1	680.1	9.62	9.35	8.90
240.1	780.1	10.93	9.56	8.49	240.1	780.1	13.98	14.53	15.29	240.1	780.1	11.06	10.68	9.97
350.1	890.1	8.35	7.86	7.53	350.1	890.1	17.71	19.36	21.30	350.1	890.1	7.14	5.99	4.77
440.1	980.1	7.99	7.63	7.36	440.1	980.1	19.39	20.96	22.62	440.1	980.1	5.52	4.40	3.38
540.1	1080.1	7.77	7.48	7.25	540.1	1080.1	20.69	22.26	23.91	540.1	1080.1	4.86	3.79	2.76
640.1	1180.1	7.73	7.50	7.34	640.1	1180.1	22.19	24.19	26.07	640.1	1180.1	3.90	2.91	2.01
740.1	1280.1	7.79	7.63	7.51	740.1	1280.1	24.08	26.19	28.23	740.1	1280.1	3.11	2.16	1.38
830.1	1370.1	7.84	7.69	7.59	830.1	1370.1	25.47	27.27	29.17	830.1	1370.1	2.42	1.63	0.95
930.1	1470.1	7.78	7.65	7.54	930.1	1470.1	26.61	28.15	29.73	930.1	1470.1	1.88	1.16	0.68
1030.1	1570.1	7.71	7.59	7.52	1030.1	1570.1	27.83	29.47	31.19	1030.1	1570.1	1.42	0.83	0.46
1130.1	1670.1	7.44	7.32	7.23	1130.1	1670.1	28.65	30.21	31.73	1130.1	1670.1	1.16	0.65	0.37
1230.1	1770.1	7.40	7.29	7.18	1230.1	1770.1	29.87	31.58	33.13	1230.1	1770.1	0.93	0.49	0.28
1330.1	1870.1	7.26	7.13	7.02	1330.1	1870.1	30.56	32.28	33.92	1330.1	1870.1	0.79	0.41	0.23
1430.1	1970.1	7.30	7.15	7.03	1430.1	1970.1	31.31	33.17	34.94	1430.1	1970.1	0.63	0.33	0.19
1530.1	2070.1	7.36	7.23	7.10	1530.1	2070.1	30.96	32.96	35.35	1530.1	2070.1	0.53	0.27	0.14
1620.1	2160.1	7.37	7.23	7.09	1620.1	2160.1	30.17	32.48	35.02	1620.1	2160.1	0.56	0.28	0.14
1720.1	2260.1	7.36	7.20	7.07	1720.1	2260.1	29.73	32.36	35.28	1720.1	2260.1	0.59	0.30	0.15
1820.1	2360.1	7.23	7.09	6.95	1820.1	2360.1	29.21	31.67	35.14	1820.1	2360.1	0.76	0.42	0.23
1920.1	2460.1	7.30	7.16	7.04	1920.1	2460.1	29.09	31.56	35.22	1920.1	2460.1	0.76	0.45	0.26
2020.1	2560.1	7.42	7.29	7.17	2020.1	2560.1	29.32	31.82	35.49	2020.1	2560.1	0.82	0.52	0.29
2120.1	2660.1	7.58	7.47	7.34	2120.1	2660.1	29.46	31.95	35.71	2120.1	2660.1	0.73	0.39	0.18
2220.1	2760.1	7.64	7.50	7.39	2220.1	2760.1	29.59	32.28	35.56	2220.1	2760.1	0.73	0.39	0.20
2320.1	2860.1	7.69	7.55	7.44	2320.1	2860.1	29.43	31.79	34.91	2320.1	2860.1	0.72	0.40	0.20
2410.1	2950.1	7.58	7.44	7.33	2410.1	2950.1	29.35	31.56	34.72	2410.1	2950.1	0.86	0.53	0.31
2510.1	3050.1	7.71	7.58	7.48	2510.1	3050.1	28.90	31.10	34.08	2510.1	3050.1	0.76	0.41	0.21
2610.1	3150.1	7.92	7.80	7.74	2610.1	3150.1	28.93	31.04	33.80	2610.1	3150.1	0.67	0.33	0.15
2710.1	3250.1	8.04	7.97	7.90	2710.1	3250.1	29.08	30.93	33.31	2710.1	3250.1	0.78	0.38	0.16
2810.1	3350.1	8.19	8.09	8.02	2810.1	3350.1	28.29	29.98	32.35	2810.1	3350.1	0.73	0.35	0.09
2910.1	3450.1	8.18	8.10	8.02	2910.1	3450.1	27.91	29.52	31.39	2910.1	3450.1	0.84	0.46	0.25
3010.1	3550.1	8.47	8.35	8.32	3010.1	3550.1	27.72	29.27	31.08	3010.1	3550.1	0.81	0.44	0.17
3110.1	3650.1	8.76	8.67	8.63	3110.1	3650.1	27.83	29.28	31.00	3110.1	3650.1	0.84	0.45	0.16
3200.1	3740.1	9.09	9.01	8.85	3200.1	3740.1	27.74	29.29	30.66	3200.1	3740.1	0.81	0.38	0.25
3300.1	3840.1	9.35	9.27	9.23	3300.1	3840.1	27.94	29.75	30.66	3300.1	3840.1	0.89	0.40	0.23
3400.1	3940.1	9.64	9.58	9.48	3400.1	3940.1	28.08	30.24	30.72	3400.1	3940.1	0.99	0.43	0.41
3500.1	4040.1	9.84	9.82	9.80	3500.1	4040.1	28.60	30.88	32.29	3500.1	4040.1	1.07	0.54	0.32
3600.1	4140.1	10.29	10.28	10.11	3600.1	4140.1	28.30	31.28	33.96	3600.1	4140.1	1.13	0.51	0.41
3700.1	4240.1	10.69	10.67	10.51	3700.1	4240.1	28.77	31.59	34.41	3700.1	4240.1	0.97	0.42	0.32
3800.1	4340.1	11.13	11.18	11.21	3800.1	4340.1	30.13	32.60	34.69	3800.1	4340.1	0.95	0.47	0.26
3900.1	4440.1	12.03	12.05	12.09	3900.1	4440.1	30.64	32.59	33.54	3900.1	4440.1	0.66	0.32	0.18

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1630.1MHz (dB)
		@LO (dBm)
		+21
970.0	660.1	10.13
930.0	700.1	9.79
880.0	750.1	9.50
830.0	800.1	9.08
780.0	850.1	8.94
730.0	900.1	8.59
680.0	950.1	8.45
630.0	1000.1	8.27
590.0	1040.1	8.11
540.0	1090.1	8.01
490.0	1140.1	8.02
440.0	1190.1	7.98
390.0	1240.1	7.87
340.0	1290.1	8.11
290.0	1340.1	8.15
240.0	1390.1	7.94
200.0	1430.1	7.74
150.0	1480.1	7.72
100.0	1530.1	7.91
50.0	1580.1	8.90
25.0	1655.1	11.45
165.0	1795.1	7.42
305.0	1935.1	7.80
445.0	2075.1	7.36
585.0	2215.1	7.19
725.0	2355.1	7.09
865.0	2495.1	7.12
1005.0	2635.1	7.17
1145.0	2775.1	7.27
1285.0	2915.1	7.39
1425.0	3055.1	7.66
1565.0	3195.1	7.83
1705.0	3335.1	7.99
1845.0	3475.1	7.83
1985.0	3615.1	7.72
2125.0	3755.1	7.85
2265.0	3895.1	8.07
2410.0	4040.1	8.40
2550.0	4180.1	9.05
2690.0	4320.1	9.98

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=260.1MHz (dB)
		@LO (dBm)
		+21
520.0	780.1	9.81
570.0	830.1	9.46
620.0	880.1	9.04
680.0	940.1	8.77
730.0	990.1	8.59
790.0	1050.1	8.56
840.0	1100.1	8.43
900.0	1160.1	8.06
950.0	1210.1	7.95
1010.0	1270.1	7.88
1060.0	1320.1	7.75
1120.0	1380.1	7.69
1170.0	1430.1	7.58
1230.0	1490.1	7.59
1280.0	1540.1	7.46
1330.0	1590.1	7.41
1390.0	1650.1	7.22
1440.0	1700.1	7.08
1500.0	1760.1	7.01
1550.0	1810.1	6.92
1610.0	1870.1	6.95
1660.0	1920.1	6.94
1720.0	1980.1	6.93
1770.0	2030.1	6.87
1830.0	2090.1	6.88
1880.0	2140.1	6.90
1940.0	2200.1	7.04
1990.0	2250.1	7.24
2040.0	2300.1	7.33
2100.0	2360.1	7.42
2150.0	2410.1	7.37
2210.0	2470.1	7.44
2260.0	2520.1	7.57
2320.0	2580.1	7.73
2370.0	2630.1	7.76
2430.0	2690.1	7.78
2480.0	2740.1	7.79
2540.0	2800.1	8.04
2590.0	2850.1	8.60
2650.0	2910.1	9.63

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3000.1MHz (dB)
		@LO (dBm)
		+21
2225.0	775.1	9.59
2175.0	825.1	9.33
2115.0	885.1	9.13
2065.0	935.1	9.05
2005.0	995.1	8.94
1945.0	1055.1	8.85
1895.0	1105.1	8.76
1835.0	1165.1	8.68
1775.0	1225.1	8.65
1725.0	1275.1	8.61
1665.0	1335.1	8.50
1605.0	1395.1	8.44
1555.0	1445.1	8.43
1495.0	1505.1	8.38
1445.0	1555.1	8.35
1385.0	1615.1	8.43
1325.0	1675.1	8.50
1275.0	1725.1	8.47
1215.0	1785.1	8.38
1155.0	1845.1	8.27
1105.0	1895.1	8.27
1045.0	1955.1	8.37
985.0	2015.1	8.29
935.0	2065.1	8.40
875.0	2125.1	8.29
815.0	2185.1	8.27
765.0	2235.1	8.26
705.0	2295.1	8.30
655.0	2345.1	8.34
595.0	2405.1	8.33
535.0	2465.1	8.32
485.0	2515.1	8.30
425.0	2575.1	8.39
365.0	2635.1	8.48
315.0	2685.1	8.57
255.0	2745.1	8.29
195.0	2805.1	8.00
145.0	2855.1	8.01
85.0	2915.1	8.43
25.0	2975.1	12.63

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+19	+21	+23	+19	+21	+23
590.1	55.17	55.02	54.90	51.79	51.58	51.37
680.1	53.56	53.42	53.30	51.35	51.04	50.75
780.1	52.53	52.40	52.22	51.17	50.79	50.35
890.1	52.45	52.43	52.37	51.18	50.84	50.44
980.1	51.40	51.30	51.14	50.70	50.40	50.08
1080.1	52.15	51.83	51.50	49.66	49.41	49.10
1180.1	56.79	56.05	55.10	47.79	47.58	47.26
1280.1	54.37	54.07	53.41	47.15	47.04	46.87
1370.1	48.14	47.93	47.50	45.57	45.46	45.28
1470.1	52.90	52.82	52.21	44.21	44.23	44.26
1570.1	59.52	59.67	60.53	43.14	43.21	43.32
1670.1	48.33	47.92	47.59	43.68	43.91	44.10
1770.1	43.57	43.30	43.20	44.06	44.63	45.11
1870.1	44.13	43.97	43.98	41.21	41.37	41.54
1970.1	48.57	48.33	48.24	40.66	40.60	40.55
2070.1	45.58	45.29	45.16	43.06	43.26	43.45
2160.1	43.01	42.82	42.76	46.65	47.28	47.98
2260.1	44.89	45.05	45.35	50.62	50.88	50.94
2360.1	48.99	48.82	48.92	52.43	50.44	48.47
2460.1	47.46	47.40	47.49	46.78	46.05	45.05
2560.1	50.30	50.41	50.62	46.10	45.26	44.10
2660.1	47.54	47.21	46.98	43.63	42.51	41.27
2760.1	45.69	45.36	45.19	38.25	37.54	36.70
2860.1	46.77	46.60	46.57	36.42	35.92	35.55
2950.1	50.18	49.49	48.85	35.88	35.58	35.37
3050.1	44.82	44.48	44.28	35.26	35.06	34.92
3150.1	46.26	46.06	45.79	34.94	34.82	34.75
3250.1	48.40	48.37	48.04	35.01	34.97	34.96
3350.1	47.29	47.45	47.44	35.32	35.37	35.41
3450.1	47.41	47.56	47.68	35.85	35.96	36.02
3550.1	46.75	46.61	46.43	36.12	36.26	36.36
3650.1	46.58	46.50	46.36	35.74	35.83	35.86
3740.1	40.47	40.42	40.36	34.75	34.78	34.81
3840.1	37.88	37.75	37.71	33.56	33.60	33.61
3940.1	35.67	35.57	35.54	32.86	32.91	32.94
4040.1	33.82	33.80	33.77	32.38	32.60	32.73
4140.1	31.91	31.89	31.84	32.32	32.60	32.87
4240.1	30.56	30.59	30.52	32.47	32.76	33.10
4340.1	29.34	29.31	29.24	33.33	33.74	34.08
4440.1	28.37	28.29	28.26	35.80	36.34	36.57

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+19	+21	+23
50.1	590.1	21.79	21.56	21.27
140.1	680.1	25.55	25.64	25.63
240.1	780.1	24.10	24.44	24.81
350.1	890.1	23.95	24.61	25.56
440.1	980.1	26.10	27.00	28.50
540.1	1080.1	27.50	28.39	30.11
640.1	1180.1	31.58	35.24	42.93
740.1	1280.1	37.68	38.50	30.54
830.1	1370.1	36.99	35.92	30.96
930.1	1470.1	36.51	35.35	32.27
1030.1	1570.1	38.16	37.94	35.95
1130.1	1670.1	39.59	40.92	40.03
1230.1	1770.1	48.02	48.08	41.88
1330.1	1870.1	39.77	41.27	43.79
1430.1	1970.1	35.52	35.94	36.45
1530.1	2070.1	36.68	36.73	36.56
1620.1	2160.1	42.74	42.83	42.96
1720.1	2260.1	46.01	45.57	44.46
1820.1	2360.1	43.11	42.68	41.82
1920.1	2460.1	40.29	39.78	39.15
2020.1	2560.1	39.78	39.02	38.31
2120.1	2660.1	40.52	39.99	39.13
2220.1	2760.1	39.51	39.46	37.85
2320.1	2860.1	36.58	36.62	35.54
2410.1	2950.1	35.33	35.40	34.82
2510.1	3050.1	34.37	34.41	34.41
2610.1	3150.1	34.42	34.48	34.92
2710.1	3250.1	33.37	33.57	34.09
2810.1	3350.1	33.02	33.29	33.62
2910.1	3450.1	33.66	33.98	34.29
3010.1	3550.1	34.61	34.97	35.20
3110.1	3650.1	35.62	35.96	36.04
3200.1	3740.1	37.01	37.16	37.14
3300.1	3840.1	39.78	39.82	39.61
3400.1	3940.1	42.30	41.37	41.01
3500.1	4040.1	43.57	42.32	41.63
3600.1	4140.1	44.55	42.02	39.71
3700.1	4240.1	44.17	42.43	40.27
3800.1	4340.1	44.85	44.29	42.28
3900.1	4440.1	39.89	40.57	40.62

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=3540.1MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+19	+21	+23		+19	+21	+23		+19	+21	+23
50.1	590.1	1.58	1.47	1.32	590.1	4.63	4.63	4.62	50.1	3.73	3.64	3.54
140.1	680.1	1.59	1.44	1.30	680.1	4.67	4.66	4.65	70.1	2.55	2.49	2.45
240.1	780.1	1.74	1.58	1.46	780.1	4.71	4.71	4.68	130.1	1.43	1.43	1.45
350.1	890.1	1.51	1.46	1.44	890.1	4.78	4.77	4.74	200.1	1.05	1.10	1.17
440.1	980.1	1.57	1.52	1.49	980.1	4.85	4.83	4.79	260.1	1.21	1.25	1.31
540.1	1080.1	1.67	1.61	1.57	1080.1	4.93	4.91	4.86	320.1	1.37	1.42	1.47
640.1	1180.1	1.79	1.72	1.66	1180.1	5.03	5.00	4.93	390.1	1.52	1.53	1.56
740.1	1280.1	1.89	1.82	1.76	1280.1	5.12	5.08	5.00	450.1	1.64	1.63	1.64
830.1	1370.1	1.96	1.88	1.81	1370.1	5.10	5.05	4.96	540.1	1.85	1.82	1.80
930.1	1470.1	2.01	1.94	1.88	1470.1	4.98	4.93	4.85	580.1	1.93	1.88	1.86
1030.1	1570.1	1.87	1.79	1.73	1570.1	4.59	4.54	4.47	640.1	2.06	2.00	1.96
1130.1	1670.1	1.96	1.88	1.81	1670.1	4.04	4.00	3.95	710.1	2.17	2.09	2.04
1230.1	1770.1	1.90	1.83	1.76	1770.1	3.47	3.44	3.41	770.1	2.20	2.11	2.04
1330.1	1870.1	1.89	1.81	1.74	1870.1	2.96	2.94	2.91	840.1	2.26	2.15	2.07
1430.1	1970.1	1.87	1.79	1.73	1970.1	2.53	2.51	2.50	900.1	2.27	2.15	2.06
1530.1	2070.1	1.89	1.83	1.77	2070.1	2.22	2.21	2.20	960.1	2.26	2.12	2.02
1620.1	2160.1	1.83	1.78	1.72	2160.1	2.03	2.03	2.02	1030.1	2.20	2.06	1.94
1720.1	2260.1	1.72	1.66	1.61	2260.1	1.94	1.95	1.95	1090.1	2.09	1.95	1.83
1820.1	2360.1	1.61	1.56	1.51	2360.1	1.99	2.00	2.01	1150.1	2.04	1.89	1.76
1920.1	2460.1	1.48	1.43	1.38	2460.1	2.11	2.12	2.14	1220.1	1.93	1.78	1.65
2020.1	2560.1	1.34	1.29	1.24	2560.1	2.27	2.29	2.31	1280.1	1.82	1.67	1.54
2120.1	2660.1	1.23	1.18	1.13	2660.1	2.48	2.50	2.52	1350.1	1.71	1.57	1.45
2220.1	2760.1	1.18	1.14	1.11	2760.1	2.70	2.72	2.74	1410.1	1.64	1.50	1.39
2320.1	2860.1	1.19	1.17	1.16	2860.1	2.94	2.96	2.97	1470.1	1.59	1.46	1.36
2410.1	2950.1	1.16	1.15	1.14	2950.1	3.20	3.21	3.22	1540.1	1.52	1.41	1.32
2510.1	3050.1	1.06	1.09	1.12	3050.1	3.44	3.44	3.42	1600.1	1.46	1.37	1.29
2610.1	3150.1	1.11	1.17	1.22	3150.1	3.62	3.61	3.56	1670.1	1.42	1.34	1.28
2710.1	3250.1	1.13	1.18	1.23	3250.1	3.75	3.72	3.63	1730.1	1.41	1.33	1.28
2810.1	3350.1	1.13	1.17	1.21	3350.1	3.77	3.73	3.63	1790.1	1.35	1.28	1.23
2910.1	3450.1	1.24	1.27	1.30	3450.1	3.71	3.66	3.57	1860.1	1.29	1.22	1.18
3010.1	3550.1	1.32	1.36	1.40	3550.1	3.54	3.48	3.39	1920.1	1.24	1.17	1.13
3110.1	3650.1	1.32	1.36	1.40	3650.1	3.28	3.22	3.15	1980.1	1.20	1.13	1.09
3200.1	3740.1	1.33	1.37	1.40	3740.1	3.02	2.97	2.92	2050.1	1.18	1.10	1.03
3300.1	3840.1	1.44	1.48	1.50	3840.1	2.72	2.67	2.65	2110.1	1.17	1.09	1.04
3400.1	3940.1	1.52	1.58	1.59	3940.1	2.42	2.38	2.37	2180.1	1.17	1.12	1.10
3500.1	4040.1	1.57	1.63	1.67	4040.1	2.13	2.13	2.13	2240.1	1.19	1.15	1.14
3600.1	4140.1	1.67	1.73	1.79	4140.1	1.89	1.88	1.89	2300.1	1.24	1.21	1.21
3700.1	4240.1	1.82	1.89	1.95	4240.1	1.68	1.67	1.67	2370.1	1.28	1.26	1.26
3800.1	4340.1	2.01	2.08	2.15	4340.1	1.52	1.52	1.52	2430.1	1.35	1.33	1.32
3900.1	4440.1	2.11	2.18	2.21	4440.1	1.42	1.42	1.42	2500.1	1.44	1.42	1.41

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	12.50	2.32	20.72	15.05	40.92	60.61	27.23	48.64	45.31	51.26
1	---	34.54	---	40.43	19.08	51.35	35.94	50.38	46.39	58.15	66.96	72.66
2	102.60	65.62	68.84	68.10	77.22	73.54	80.87	78.20	89.59	84.54	83.02	103.99
3	125.28	94.52	83.83	89.34	87.92	96.42	109.50	106.76	112.05	109.32	106.71	108.18
4	128.39	111.30	111.59	103.17	106.38	102.65	109.08	112.27	111.74	111.85	109.58	108.96
5	128.10	112.07	112.68	111.80	108.72	109.23	106.29	109.31	113.34	112.95	110.50	110.39
6	127.48	112.64	111.41	109.53	111.08	111.94	109.91	111.70	110.38	109.47	113.16	110.61
7	127.20	110.01	110.06	113.42	110.10	108.32	109.85	109.89	109.42	110.77	111.90	111.37
8	127.09	111.41	111.12	111.75	112.71	111.06	103.84	112.62	102.03	112.08	112.33	111.19
9	123.08	107.74	110.27	111.59	112.46	111.18	110.94	107.12	112.58	108.42	111.96	110.31
10	125.76	107.49	107.04	111.67	111.67	112.70	111.34	112.52	111.75	110.95	111.42	111.10
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1630 MHz; -5.00 dBm.
LO IN: 2170 MHz; +21.00 dBm
IF OUT: 540 MHz; -12.7 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	21.47	12.73	33.63	25.24	48.16	74.43	37.74	58.96	56.33	62.02
1	---	34.36	---	39.67	19.24	51.55	36.22	50.37	46.48	58.29	67.26	73.89
2	88.60	56.84	58.91	57.90	69.67	63.79	71.18	69.22	79.01	76.04	74.30	95.41
3	122.07	78.06	63.52	73.09	64.97	77.49	86.48	85.65	101.82	97.80	91.29	103.77
4	122.69	93.02	88.23	83.16	87.26	86.43	84.25	100.86	87.77	99.00	96.20	110.74
5	120.41	112.96	101.37	95.52	90.79	93.94	91.63	104.61	112.69	119.75	110.04	114.68
6	120.45	115.75	120.82	109.37	96.04	101.61	97.30	103.58	112.27	116.22	110.85	117.37
7	119.57	121.38	119.93	119.64	114.92	117.48	107.05	112.49	111.16	119.80	119.90	119.59
8	121.34	119.49	120.13	120.96	122.27	118.00	114.90	122.21	114.96	122.39	119.10	121.55
9	117.93	116.70	120.85	121.41	120.52	121.56	120.13	114.02	118.37	116.73	119.29	120.08
10	118.82	118.33	119.60	121.28	120.80	121.09	120.30	117.69	120.40	118.61	119.85	122.15
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1630 MHz; 5.00 dBm.
LO IN: 2170 MHz; +21.00 dBm
IF OUT: 540 MHz; -2.74 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