

Frequency Mixer

ADE-3G+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+4	+7	+10
1200.1	1230.1	12.81	11.17	10.53
1260.1	1290.1	12.04	10.53	9.91
1320.1	1350.1	11.32	9.93	9.39
1380.1	1410.1	10.36	9.26	8.92
1440.1	1470.1	9.70	8.63	8.39
1500.1	1530.1	9.09	8.14	7.88
1560.1	1590.1	8.46	7.75	7.46
1620.1	1650.1	7.94	7.32	7.08
1680.1	1710.1	7.53	6.96	6.61
1740.1	1770.1	7.15	6.57	6.24
1800.1	1830.1	6.77	6.23	5.95
1860.1	1890.1	6.55	6.09	5.76
1920.1	1950.1	6.24	5.80	5.52
1980.1	2010.1	6.05	5.61	5.34
2040.1	2070.1	5.90	5.42	5.22
2100.1	2130.1	5.84	5.35	5.17
2160.1	2190.1	5.73	5.32	5.15
2220.1	2250.1	5.68	5.27	5.11
2280.1	2310.1	5.66	5.26	5.08
2340.1	2370.1	5.70	5.28	5.12
2400.1	2430.1	5.69	5.36	5.20
2460.1	2490.1	5.74	5.43	5.24
2520.1	2550.1	5.84	5.46	5.29
2580.1	2610.1	5.93	5.51	5.31
2660.1	2690.1	6.14	5.71	5.41
2720.1	2750.1	6.33	5.78	5.47
2800.1	2830.1	6.41	5.92	5.65
2860.1	2890.1	6.43	6.03	5.87
2940.1	2970.1	6.38	5.95	5.75
3000.1	3030.1	6.55	6.12	5.87
3080.1	3110.1	6.83	6.42	6.19
3140.1	3170.1	7.03	6.61	6.35
3220.1	3250.1	7.44	6.98	6.75
3280.1	3310.1	7.86	7.38	7.18
3360.1	3390.1	8.39	7.98	7.73
3420.1	3450.1	8.84	8.47	8.23
3500.1	3530.1	9.52	9.07	8.94
3560.1	3590.1	9.98	9.57	9.39
3640.1	3670.1	10.54	10.17	10.11
3700.1	3730.1	11.04	10.69	10.66

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+4	+7	+10
1200.1	1230.1	13.87	19.31	18.45
1260.1	1290.1	13.57	14.02	18.58
1320.1	1350.1	10.92	13.25	15.25
1380.1	1410.1	9.69	10.62	10.47
1440.1	1470.1	9.68	11.43	10.68
1500.1	1530.1	8.23	10.01	10.19
1560.1	1590.1	7.31	8.96	8.81
1620.1	1650.1	6.39	7.39	8.25
1680.1	1710.1	5.97	7.19	8.52
1740.1	1770.1	5.80	7.53	9.00
1800.1	1830.1	6.55	8.61	10.67
1860.1	1890.1	7.34	9.56	11.29
1920.1	1950.1	7.52	9.68	11.94
1980.1	2010.1	8.44	10.16	12.28
2040.1	2070.1	10.06	11.24	13.59
2100.1	2130.1	11.07	12.28	13.82
2160.1	2190.1	12.37	14.05	15.31
2220.1	2250.1	13.62	14.21	16.97
2280.1	2310.1	13.66	14.40	16.15
2340.1	2370.1	13.55	15.20	17.22
2400.1	2430.1	14.09	15.32	17.38
2460.1	2490.1	14.60	15.87	16.44
2520.1	2550.1	12.91	16.91	15.95
2580.1	2610.1	10.98	14.08	17.61
2660.1	2690.1	12.56	15.18	18.99
2720.1	2750.1	14.52	18.58	16.03
2800.1	2830.1	10.53	10.84	8.38
2860.1	2890.1	6.87	9.07	8.71
2940.1	2970.1	9.54	9.73	11.12
3000.1	3030.1	12.12	12.20	13.01
3080.1	3110.1	14.19	14.32	15.09
3140.1	3170.1	14.44	14.92	17.94
3220.1	3250.1	14.61	15.78	16.61
3280.1	3310.1	14.03	17.01	17.76
3360.1	3390.1	14.88	16.63	17.80
3420.1	3450.1	13.49	20.28	18.47
3500.1	3530.1	14.33	17.61	17.76
3560.1	3590.1	13.73	18.08	18.96
3640.1	3670.1	15.95	19.48	20.15
3700.1	3730.1	19.03	20.95	22.58

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+1dBm (dB)		
		@LO (dBm)		
		+4	+7	+10
1200.1	1230.1	-0.29	0.06	0.00
1260.1	1290.1	-0.37	-0.03	-0.06
1320.1	1350.1	-0.18	0.11	0.27
1380.1	1410.1	0.15	0.28	0.38
1440.1	1470.1	0.28	0.37	0.37
1500.1	1530.1	0.41	0.43	0.29
1560.1	1590.1	0.51	0.53	0.46
1620.1	1650.1	0.78	0.64	0.61
1680.1	1710.1	0.97	0.81	0.85
1740.1	1770.1	1.01	0.92	0.91
1800.1	1830.1	1.11	0.93	0.97
1860.1	1890.1	1.27	1.10	1.00
1920.1	1950.1	0.86	0.73	0.73
1980.1	2010.1	0.76	0.62	0.65
2040.1	2070.1	0.65	0.55	0.49
2100.1	2130.1	0.59	0.46	0.39
2160.1	2190.1	0.60	0.45	0.31
2220.1	2250.1	0.56	0.36	0.19
2280.1	2310.1	0.55	0.34	0.25
2340.1	2370.1	0.52	0.33	0.22
2400.1	2430.1	0.43	0.34	0.16
2460.1	2490.1	0.41	0.21	0.18
2520.1	2550.1	0.45	0.29	0.19
2580.1	2610.1	0.36	0.25	0.16
2660.1	2690.1	0.47	0.31	0.21
2720.1	2750.1	0.65	0.35	0.42
2800.1	2830.1	0.84	0.84	0.84
2860.1	2890.1	1.01	0.77	0.54
2940.1	2970.1	0.87	0.62	0.51
3000.1	3030.1	0.76	0.43	0.37
3080.1	3110.1	0.54	0.42	0.26
3140.1	3170.1	0.53	0.32	0.20
3220.1	3250.1	0.40	0.14	0.21
3280.1	3310.1	0.24	0.21	0.09
3360.1	3390.1	0.22	0.09	0.12
3420.1	3450.1	0.27	0.08	0.11
3500.1	3530.1	0.07	0.01	0.13
3560.1	3590.1	0.16	0.12	0.06
3640.1	3670.1	0.05	-0.06	0.12
3700.1	3730.1	0.22	-0.02	0.02

REV. X2
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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2500.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2300.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2700.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+7			+7			+7
200.0	2300.1	5.69	10.0	2310.1	5.39	400.0	2300.1	6.03
190.0	2310.1	5.67	19.7	2319.9	5.28	390.3	2309.9	6.06
180.0	2320.1	5.65	29.5	2329.6	5.25	380.5	2319.6	6.07
170.0	2330.1	5.68	39.2	2339.4	5.25	370.8	2329.3	6.08
160.0	2340.1	5.67	49.0	2349.1	5.20	361.0	2339.1	6.11
150.0	2350.1	5.63	58.8	2358.9	5.23	351.3	2348.8	6.10
140.0	2360.1	5.60	68.5	2368.6	5.20	341.5	2358.6	6.08
130.0	2370.1	5.56	78.3	2378.4	5.22	331.8	2368.3	6.06
120.0	2380.1	5.53	88.0	2388.1	5.24	322.0	2378.1	6.04
110.0	2390.1	5.46	97.8	2397.9	5.26	312.3	2387.9	6.05
100.0	2400.1	5.43	107.5	2407.6	5.24	302.5	2397.6	6.01
90.0	2410.1	5.38	117.2	2417.3	5.27	292.8	2407.4	5.96
80.0	2420.1	5.35	127.0	2427.1	5.29	283.0	2417.1	5.95
70.0	2430.1	5.32	136.7	2436.8	5.33	273.3	2426.9	5.92
60.0	2440.1	5.29	146.5	2446.6	5.37	263.5	2436.6	5.91
50.0	2450.1	5.28	156.2	2456.3	5.36	253.8	2446.4	5.90
40.0	2460.1	5.25	166.0	2466.1	5.37	244.0	2456.1	5.88
30.0	2470.1	5.27	175.7	2475.9	5.39	234.3	2465.9	5.87
20.0	2480.1	5.26	185.5	2485.6	5.36	224.5	2475.6	5.87
10.0	2490.1	5.33	195.2	2495.4	5.35	214.8	2485.3	5.87
10.0	2510.1	5.30	205.0	2505.1	5.38	205.0	2495.1	5.87
19.5	2519.6	5.18	214.8	2514.9	5.37	195.3	2504.8	5.86
29.0	2529.1	5.18	224.5	2524.6	5.40	185.5	2514.6	5.85
38.5	2538.6	5.19	234.3	2534.4	5.40	175.8	2524.3	5.86
48.0	2548.1	5.19	244.0	2544.1	5.40	166.0	2534.1	5.85
57.5	2557.6	5.18	253.8	2553.9	5.39	156.3	2543.9	5.86
67.0	2567.1	5.18	263.5	2563.6	5.39	146.5	2553.6	5.87
76.5	2576.6	5.19	273.2	2573.3	5.39	136.8	2563.4	5.86
86.0	2586.1	5.20	283.0	2583.1	5.34	127.0	2573.1	5.87
95.5	2595.6	5.21	292.7	2592.8	5.32	117.3	2582.9	5.87
105.0	2605.1	5.19	302.5	2602.6	5.34	107.5	2592.6	5.86
114.5	2614.6	5.20	312.2	2612.3	5.33	97.8	2602.4	5.88
124.0	2624.1	5.23	322.0	2622.1	5.30	88.0	2612.1	5.86
133.5	2633.6	5.27	331.7	2631.9	5.29	78.3	2621.9	5.82
143.0	2643.1	5.27	341.5	2641.6	5.28	68.5	2631.6	5.82
152.5	2652.6	5.27	351.2	2651.4	5.27	58.8	2641.3	5.81
162.0	2662.1	5.29	361.0	2661.1	5.30	49.0	2651.1	5.81
171.5	2671.6	5.32	370.7	2670.9	5.29	39.3	2660.8	5.77
190.5	2690.6	5.31	390.3	2690.4	5.26	19.8	2680.3	5.82
200.0	2700.1	5.31	400.0	2700.1	5.27	10.0	2690.1	5.76

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+4	+7	+10	+4	+7	+10
1200.1	28.42	28.36	27.71	14.15	14.20	13.98
1260.1	28.69	28.51	27.59	14.46	14.43	14.01
1320.1	29.16	28.88	27.54	14.82	14.70	14.06
1380.1	29.75	29.57	28.28	15.23	15.07	14.35
1440.1	30.64	30.20	29.32	15.69	15.41	14.71
1500.1	31.80	30.26	29.11	16.12	15.41	14.52
1560.1	33.08	30.62	29.19	16.39	15.38	14.31
1620.1	34.76	31.53	29.56	16.68	15.36	14.21
1680.1	36.38	32.56	30.41	16.65	15.14	13.96
1740.1	38.70	33.75	31.21	16.79	15.04	13.84
1800.1	41.61	35.09	32.10	17.13	15.19	13.97
1860.1	44.82	36.75	33.44	17.42	15.59	14.41
1920.1	44.93	36.98	33.66	17.70	15.93	14.85
1980.1	42.70	38.21	34.55	18.17	16.56	15.46
2040.1	40.35	38.32	35.30	18.68	17.28	16.30
2100.1	38.86	38.89	36.33	19.16	18.04	17.16
2160.1	36.95	38.42	36.82	19.72	18.81	18.03
2220.1	36.56	38.72	37.35	20.17	19.52	18.91
2280.1	36.22	39.22	38.02	20.61	20.19	19.73
2340.1	35.98	38.78	38.11	21.01	20.81	20.53
2400.1	37.45	40.18	39.10	21.41	21.38	21.28
2460.1	40.95	44.44	39.84	21.81	21.94	21.95
2520.1	45.91	42.99	37.97	22.28	22.54	22.66
2580.1	43.95	40.63	36.53	22.75	23.17	23.37
2660.1	40.40	37.56	34.82	23.40	23.95	24.28
2720.1	36.35	35.47	33.93	23.81	24.43	24.84
2800.1	31.84	32.56	32.52	24.14	24.84	25.35
2860.1	29.77	31.38	32.36	24.23	24.89	25.45
2940.1	32.88	34.55	35.42	24.95	25.38	25.83
3000.1	37.59	39.54	38.58	25.50	25.98	26.41
3080.1	38.17	41.70	40.63	25.90	26.44	26.91
3140.1	39.14	41.88	40.88	26.16	26.77	27.29
3220.1	40.66	44.40	42.89	26.36	27.03	27.59
3280.1	41.75	45.05	44.18	26.62	27.27	27.82
3360.1	43.36	47.79	46.84	26.80	27.50	28.10
3420.1	42.46	48.33	50.55	26.75	27.46	28.11
3500.1	42.12	48.59	53.80	26.90	27.58	28.24
3560.1	41.35	48.76	56.28	26.88	27.58	28.24
3640.1	38.70	46.28	54.03	26.87	27.55	28.27
3700.1	37.17	43.40	50.19	26.82	27.37	28.09

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+4	+7	+10
1200.1	1230.1	10.98	10.46	10.20
1260.1	1290.1	11.00	10.30	9.96
1320.1	1350.1	10.85	10.06	9.62
1380.1	1410.1	10.61	9.93	9.64
1440.1	1470.1	10.63	9.99	9.80
1500.1	1530.1	10.62	9.98	9.73
1560.1	1590.1	10.55	10.02	9.81
1620.1	1650.1	10.53	10.14	9.97
1680.1	1710.1	10.59	10.37	10.31
1740.1	1770.1	10.77	10.68	10.70
1800.1	1830.1	11.18	11.15	11.19
1860.1	1890.1	11.75	11.54	11.50
1920.1	1950.1	12.79	12.51	12.31
1980.1	2010.1	13.40	13.25	13.11
2040.1	2070.1	13.92	13.98	13.99
2100.1	2130.1	14.26	14.54	14.66
2160.1	2190.1	14.68	15.21	15.51
2220.1	2250.1	15.13	15.86	16.36
2280.1	2310.1	15.60	16.34	16.93
2340.1	2370.1	16.26	16.90	17.38
2400.1	2430.1	16.99	17.60	17.98
2460.1	2490.1	17.34	17.78	18.05
2520.1	2550.1	17.58	17.79	17.94
2580.1	2610.1	18.02	17.96	17.90
2660.1	2690.1	18.76	18.46	18.20
2720.1	2750.1	19.24	18.81	18.41
2800.1	2830.1	19.02	18.35	17.83
2860.1	2890.1	18.41	17.73	17.15
2940.1	2970.1	17.56	17.12	16.75
3000.1	3030.1	17.07	16.67	16.43
3080.1	3110.1	16.63	16.33	16.16
3140.1	3170.1	16.43	16.19	16.06
3220.1	3250.1	16.35	16.16	16.07
3280.1	3310.1	16.44	16.26	16.21
3360.1	3390.1	16.73	16.58	16.55
3420.1	3450.1	17.05	16.92	16.89
3500.1	3530.1	17.66	17.52	17.48
3560.1	3590.1	18.05	17.95	17.90
3640.1	3670.1	18.64	18.55	18.52
3700.1	3730.1	19.02	18.97	18.92

Frequency Mixer

ADE-3G+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)		
		@LO (dBm)		
		+4	+7	+10
1200.1	1230.1	8.47	7.53	6.97
1260.1	1290.1	7.41	6.53	6.01
1320.1	1350.1	6.76	5.93	5.39
1380.1	1410.1	6.11	5.38	4.96
1440.1	1470.1	5.59	4.87	4.47
1500.1	1530.1	4.88	4.31	3.94
1560.1	1590.1	3.86	3.50	3.27
1620.1	1650.1	2.87	2.63	2.50
1680.1	1710.1	2.50	2.29	2.22
1740.1	1770.1	2.28	2.09	2.04
1800.1	1830.1	1.87	1.74	1.72
1860.1	1890.1	1.74	1.67	1.68
1920.1	1950.1	1.71	1.70	1.77
1980.1	2010.1	1.30	1.43	1.58
2040.1	2070.1	1.22	1.49	1.68
2100.1	2130.1	1.15	1.39	1.57
2160.1	2190.1	1.18	1.37	1.53
2220.1	2250.1	1.31	1.52	1.72
2280.1	2310.1	1.36	1.53	1.71
2340.1	2370.1	1.54	1.63	1.74
2400.1	2430.1	1.71	1.79	1.88
2460.1	2490.1	1.63	1.66	1.73
2520.1	2550.1	1.53	1.50	1.54
2580.1	2610.1	1.49	1.42	1.43
2660.1	2690.1	1.57	1.50	1.47
2720.1	2750.1	1.80	1.74	1.70
2800.1	2830.1	1.95	1.90	1.89
2860.1	2890.1	1.82	1.80	1.81
2940.1	2970.1	1.71	1.71	1.71
3000.1	3030.1	1.80	1.80	1.80
3080.1	3110.1	1.95	2.00	2.03
3140.1	3170.1	2.14	2.24	2.30
3220.1	3250.1	2.45	2.61	2.67
3280.1	3310.1	2.58	2.75	2.80
3360.1	3390.1	3.89	4.14	4.17
3420.1	3450.1	6.26	6.68	6.73
3500.1	3530.1	7.97	8.47	8.60
3560.1	3590.1	6.71	7.00	7.08
3640.1	3670.1	6.51	6.73	6.81
3700.1	3730.1	6.94	7.17	7.31

LO (MHz)	LO VSWR (:1)		
	@LO (dBm)		
	+4	+7	+10
1200.1	3.71	2.02	1.62
1260.1	3.45	1.92	1.60
1320.1	3.07	1.82	1.60
1380.1	2.92	1.74	1.58
1440.1	2.84	1.73	1.59
1500.1	2.55	1.63	1.56
1560.1	2.40	1.57	1.56
1620.1	2.34	1.55	1.55
1680.1	2.15	1.49	1.53
1740.1	2.03	1.44	1.54
1800.1	1.98	1.40	1.51
1860.1	1.83	1.35	1.52
1920.1	1.73	1.35	1.56
1980.1	1.69	1.31	1.55
2040.1	1.61	1.31	1.59
2100.1	1.56	1.28	1.57
2160.1	1.49	1.24	1.62
2220.1	1.45	1.21	1.62
2280.1	1.37	1.17	1.63
2340.1	1.31	1.19	1.69
2400.1	1.28	1.18	1.67
2460.1	1.24	1.23	1.74
2520.1	1.24	1.26	1.76
2580.1	1.27	1.30	1.79
2660.1	1.29	1.38	1.87
2720.1	1.30	1.40	1.88
2800.1	1.31	1.42	1.90
2860.1	1.35	1.46	1.94
2940.1	1.51	1.52	1.98
3000.1	1.64	1.59	1.98
3080.1	1.84	1.69	2.02
3140.1	2.00	1.80	2.11
3220.1	2.20	1.90	2.13
3280.1	2.38	2.02	2.17
3360.1	2.58	2.16	2.28
3420.1	2.86	2.26	2.26
3500.1	3.19	2.48	2.38
3560.1	3.31	2.57	2.46
3640.1	3.56	2.68	2.48
3700.1	3.94	2.90	2.57

IF (OUT) (MHz)	IF VSWR @LO=2700.1MHz (:1)		
	@LO (dBm)		
	+4	+7	+10
10.1	2.32	2.22	1.97
19.9	2.29	1.95	1.85
29.6	2.32	1.96	1.68
39.4	2.09	1.77	1.57
49.1	1.98	1.71	1.45
58.9	1.89	1.63	1.44
68.6	1.91	1.63	1.46
78.4	1.92	1.67	1.49
88.1	1.96	1.69	1.51
97.9	2.02	1.76	1.55
107.6	2.10	1.81	1.60
117.4	2.10	1.80	1.61
127.1	2.11	1.80	1.60
136.9	2.05	1.75	1.56
146.6	2.00	1.74	1.54
156.4	1.97	1.72	1.51
166.1	1.98	1.69	1.52
175.9	1.99	1.72	1.51
185.6	2.03	1.74	1.55
195.4	2.06	1.76	1.58
205.1	2.10	1.82	1.62
214.9	2.11	1.81	1.61
224.6	2.08	1.79	1.59
234.4	2.01	1.74	1.55
244.1	2.00	1.72	1.53
253.9	1.97	1.70	1.51
263.6	1.97	1.70	1.52
273.4	1.99	1.72	1.53
283.1	2.01	1.72	1.54
292.9	2.03	1.73	1.55
302.6	2.02	1.73	1.54
312.4	2.01	1.73	1.54
322.1	1.98	1.71	1.53
331.9	1.95	1.69	1.51
341.6	1.93	1.67	1.49
351.4	1.91	1.65	1.47
361.1	1.91	1.64	1.48
370.9	1.91	1.66	1.48
390.4	1.94	1.68	1.50
400.1	1.93	1.67	1.50

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+4	6	7	14	18	27	35	31	41	---
1	-	13	+0	36	22	43	35	33	39	50	39	57
2	>100	58	58	51	68	58	50	49	55	52	64	57
3	>100	81	>81	>81	63	81	70	76	74	70	69	>81
4	>100	>81	>81	>81	>81	80	>81	>81	>81	>81	>81	>81
5	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
6	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
7	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
9	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
10	---	---	>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: 2500.1 MHz; -14.00 dBm.
 LO IN: 2530.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -19.08 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	16	18	26	30	54	52	50	67	---
1	-	13	+0	37	23	47	37	35	46	56	45	69
2	81	48	48	40	56	48	41	42	47	47	59	54
3	>100	64	59	60	44	62	53	62	61	56	54	68
4	>100	66	64	72	75	65	76	74	64	57	64	60
5	>100	70	72	71	79	>91	69	88	74	77	72	70
6	>100	>91	82	84	>91	>91	88	75	>91	82	>91	80
7	>100	>91	>91	>91	91	>91	>91	>91	80	>91	89	>91
8	>100	>91	>91	>91	>91	>91	>91	>91	>91	84	>91	>91
9	>100	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
10	---	---	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2500.1 MHz; -4.00 dBm.
 LO IN: 2530.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -9.2 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.

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