

Frequency Mixer

SIM-ED12399/11

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+5dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
+7	+10	+13	+7	+10	+13	+7	+10	+13	+7	+10	+13			
1700.1	1730.1	17.57	10.76	7.36	1700.1	1730.1	-3.70	2.32	7.48	1700.1	1730.1	-3.00	1.12	1.77
1880.1	1910.1	14.77	9.39	7.25	1880.1	1910.1	-1.55	4.30	12.43	1880.1	1910.1	-1.47	1.16	1.60
2060.1	2090.1	11.48	8.21	7.07	2060.1	2090.1	2.32	9.23	11.52	2060.1	2090.1	-0.12	1.47	1.49
2240.1	2270.1	8.19	6.79	6.15	2240.1	2270.1	8.92	12.64	15.42	2240.1	2270.1	1.89	2.00	1.74
2420.1	2450.1	6.75	6.10	5.77	2420.1	2450.1	12.22	13.93	14.59	2420.1	2450.1	2.28	1.90	1.54
2600.1	2630.1	6.33	5.94	5.78	2600.1	2630.1	13.20	12.38	12.25	2600.1	2630.1	1.75	1.40	1.17
2780.1	2810.1	6.21	5.80	5.62	2780.1	2810.1	13.78	12.66	13.96	2780.1	2810.1	1.29	1.09	0.96
2960.1	2990.1	6.14	5.80	5.61	2960.1	2990.1	21.02	13.65	12.60	2960.1	2990.1	1.15	0.88	0.75
3120.1	3150.1	6.10	5.78	5.59	3120.1	3150.1	26.95	22.11	16.07	3120.1	3150.1	1.00	0.79	0.63
3300.1	3330.1	5.97	5.67	5.53	3300.1	3330.1	18.16	18.18	17.86	3300.1	3330.1	0.95	0.74	0.61
3460.1	3490.1	6.09	5.73	5.57	3460.1	3490.1	16.76	16.84	17.48	3460.1	3490.1	0.91	0.71	0.52
3640.1	3670.1	6.06	5.72	5.65	3640.1	3670.1	11.03	14.51	18.47	3640.1	3670.1	0.94	0.50	0.26
3800.1	3830.1	6.12	5.92	5.85	3800.1	3830.1	13.53	16.25	19.53	3800.1	3830.1	0.71	0.29	0.19
3980.1	4010.1	6.15	5.97	5.89	3980.1	4010.1	18.40	20.16	22.46	3980.1	4010.1	0.63	0.31	0.21
4140.1	4170.1	6.03	5.85	5.77	4140.1	4170.1	19.68	19.55	21.94	4140.1	4170.1	0.67	0.38	0.25
4320.1	4350.1	6.31	6.08	5.98	4320.1	4350.1	15.04	19.12	21.89	4320.1	4350.1	0.79	0.48	0.32
4480.1	4510.1	6.33	6.05	5.96	4480.1	4510.1	18.17	19.06	18.57	4480.1	4510.1	0.67	0.43	0.29
4660.1	4690.1	6.39	6.14	6.05	4660.1	4690.1	16.90	18.75	20.83	4660.1	4690.1	0.81	0.50	0.34
4820.1	4850.1	6.84	6.40	6.21	4820.1	4850.1	17.54	17.29	18.68	4820.1	4850.1	0.90	0.66	0.47
5000.1	5030.1	7.14	6.59	6.29	5000.1	5030.1	17.36	16.11	16.34	5000.1	5030.1	0.97	0.80	0.64
5160.1	5190.1	7.17	6.68	6.38	5160.1	5190.1	14.44	14.27	14.61	5160.1	5190.1	0.99	0.80	0.69
5340.1	5370.1	6.63	6.24	6.02	5340.1	5370.1	13.16	14.06	14.09	5340.1	5370.1	1.15	1.01	0.90
5500.1	5530.1	6.41	5.89	5.70	5500.1	5530.1	11.15	13.53	14.00	5500.1	5530.1	1.23	1.05	0.92
5680.1	5710.1	6.40	5.84	5.64	5680.1	5710.1	9.92	12.76	14.17	5680.1	5710.1	1.25	0.98	0.85
5840.1	5870.1	6.34	5.81	5.65	5840.1	5870.1	9.93	12.47	14.41	5840.1	5870.1	1.20	0.89	0.77
6020.1	6050.1	6.11	5.70	5.64	6020.1	6050.1	13.70	12.06	14.28	6020.1	6050.1	1.15	0.85	0.76
6180.1	6210.1	6.16	5.58	5.46	6180.1	6210.1	15.53	12.89	13.89	6180.1	6210.1	0.80	0.68	0.56
6360.1	6390.1	6.21	5.71	5.53	6360.1	6390.1	14.08	16.02	15.52	6360.1	6390.1	0.90	0.74	0.64
6520.1	6550.1	6.30	5.84	5.63	6520.1	6550.1	13.93	15.10	17.00	6520.1	6550.1	0.82	0.71	0.65
6700.1	6730.1	6.53	6.13	5.87	6700.1	6730.1	12.76	13.89	16.53	6700.1	6730.1	0.78	0.68	0.67
6860.1	6890.1	6.37	6.03	5.92	6860.1	6890.1	13.71	17.69	19.53	6860.1	6890.1	0.95	0.73	0.67
7040.1	7070.1	6.36	6.18	6.12	7040.1	7070.1	16.25	19.34	20.16	7040.1	7070.1	0.82	0.53	0.51
7200.1	7230.1	6.63	6.40	6.34	7200.1	7230.1	13.40	16.85	20.57	7200.1	7230.1	0.58	0.30	0.33
7380.1	7410.1	6.96	6.52	6.40	7380.1	7410.1	16.20	15.43	18.25	7380.1	7410.1	0.83	0.46	0.28
7540.1	7570.1	7.95	7.05	6.74	7540.1	7570.1	17.83	16.57	16.38	7540.1	7570.1	0.76	0.71	0.65
7720.1	7750.1	7.95	6.99	6.62	7720.1	7750.1	16.14	14.10	14.16	7720.1	7750.1	0.91	0.86	0.93
7880.1	7910.1	8.08	7.06	6.73	7880.1	7910.1	12.60	14.08	13.67	7880.1	7910.1	1.18	1.14	1.31
8060.1	8090.1	9.09	7.42	7.16	8060.1	8090.1	8.81	12.75	10.36	8060.1	8090.1	1.07	1.33	1.35
8220.1	8250.1	9.80	8.36	8.10	8220.1	8250.1	6.47	8.49	12.36	8220.1	8250.1	1.96	1.45	1.18
8400.1	8430.1	11.24	10.72	10.18	8400.1	8430.1	2.81	22.00	15.72	8400.1	8430.1	2.79	1.15	0.66

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=5100.1001MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2290.1001MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=7910.1001MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
3400.0	1700.1	14.43	10.0	2300.1	6.84	3310.0	4600.1	8.68
3234.6	1865.5	11.08	110.0	2400.1	6.32	3230.0	4680.1	8.57
3069.3	2030.8	9.11	210.0	2500.1	6.34	3150.0	4760.1	8.54
2903.9	2196.2	8.37	310.0	2600.1	6.36	3070.0	4840.1	8.41
2738.5	2361.6	7.64	410.0	2700.1	6.24	2990.0	4920.1	8.30
2573.2	2526.9	6.52	510.0	2800.1	6.16	2910.0	5000.1	8.31
2407.8	2692.3	6.16	610.0	2900.1	6.19	2830.0	5080.1	8.21
2221.8	2878.3	6.64	710.0	3000.1	6.06	2750.0	5160.1	8.00
2056.4	3043.7	7.43	810.0	3100.1	6.03	2670.0	5240.1	8.07
1870.4	3229.7	8.02	910.0	3200.1	6.03	2590.0	5320.1	8.17
1705.0	3395.1	8.76	1010.0	3300.1	6.25	2510.0	5400.1	8.12
1519.0	3581.1	8.30	1110.0	3400.1	6.51	2430.0	5480.1	7.95
1353.6	3746.5	7.97	1210.0	3500.1	6.73	2350.0	5560.1	8.06
1167.6	3932.5	7.30	1310.0	3600.1	6.63	2270.0	5640.1	8.32
1002.2	4097.9	6.83	1410.0	3700.1	6.56	2190.0	5720.1	8.30
816.2	4283.9	6.57	1510.0	3800.1	6.67	2110.0	5800.1	8.25
650.8	4449.3	6.63	1610.0	3900.1	6.64	2030.0	5880.1	8.35
464.8	4635.3	6.55	1710.0	4000.1	6.51	1950.0	5960.1	8.43
299.4	4800.7	6.63	1810.0	4100.1	6.39	1870.0	6040.1	8.31
113.4	4986.7	6.56	1910.0	4200.1	6.57	1790.0	6120.1	8.16
48.9	5149.0	6.66	2010.0	4300.1	6.73	1710.0	6200.1	8.05
224.0	5324.1	6.88	2110.0	4400.1	6.78	1630.0	6280.1	7.85
379.6	5479.7	6.81	2210.0	4500.1	7.15	1550.0	6360.1	7.76
554.6	5654.7	6.80	2310.0	4600.1	7.31	1450.0	6460.1	7.64
710.2	5810.3	6.97	2410.0	4700.1	7.23	1370.0	6540.1	7.65
885.3	5985.4	7.34	2510.0	4800.1	7.17	1270.0	6640.1	7.45
1040.9	6141.0	7.42	2610.0	4900.1	7.27	1190.0	6720.1	7.43
1216.0	6316.1	7.57	2710.0	5000.1	7.26	1090.0	6820.1	7.28
1371.6	6471.7	7.77	2810.0	5100.1	7.41	1010.0	6900.1	7.22
1546.6	6646.7	7.84	2910.0	5200.1	7.25	910.0	7000.1	7.23
1702.3	6802.4	7.83	3010.0	5300.1	7.20	830.0	7080.1	7.23
1877.3	6977.4	7.45	3110.0	5400.1	7.24	730.0	7180.1	7.36
2032.9	7133.0	7.48	3210.0	5500.1	7.28	650.0	7260.1	7.22
2208.0	7308.1	7.59	3310.0	5600.1	7.54	550.0	7360.1	7.24
2363.6	7463.7	7.93	3410.0	5700.1	7.93	470.0	7440.1	7.19
2538.7	7638.8	7.73	3510.0	5800.1	8.05	370.0	7540.1	7.11
2694.3	7794.4	7.68	3610.0	5900.1	8.54	290.0	7620.1	6.91
2869.3	7969.4	7.73	3710.0	6000.1	8.97	190.0	7720.1	6.93
3024.9	8125.0	8.96	3810.0	6100.1	9.58	110.0	7800.1	6.92
3200.0	8300.1	11.19	3910.0	6200.1	10.53	10.0	7900.1	7.25

Frequency Mixer

SIM-ED12399/11

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+7	+10	+13	+7	+10	+13
1730.1	45.64	43.76	38.85	18.69	18.90	20.06
1910.1	41.60	34.85	32.01	17.24	17.90	19.79
2090.1	34.26	31.19	30.82	16.22	17.85	19.94
2270.1	33.66	32.48	32.22	16.47	18.81	21.05
2450.1	34.92	35.02	34.92	17.87	20.81	23.13
2630.1	35.55	36.27	36.69	19.60	22.49	24.28
2810.1	34.39	35.34	35.37	21.34	23.41	23.77
2990.1	32.08	31.72	31.58	21.95	23.77	24.13
3150.1	30.74	30.59	30.22	23.73	24.98	24.41
3330.1	31.44	30.90	30.42	25.34	25.05	24.27
3490.1	31.69	31.36	30.89	26.87	25.61	24.45
3670.1	32.45	32.03	31.68	27.56	25.72	24.67
3830.1	32.91	32.33	31.92	28.94	26.94	25.70
4010.1	34.90	34.08	33.16	31.98	30.09	28.56
4170.1	33.39	32.86	32.10	36.32	34.94	33.70
4350.1	32.45	32.16	32.27	39.17	39.00	39.41
4510.1	33.59	33.21	32.87	31.22	29.94	28.89
4690.1	31.89	31.50	31.59	24.63	23.30	22.73
4850.1	31.95	31.38	31.39	20.98	19.88	19.44
5030.1	32.00	31.19	30.99	19.30	18.28	17.89
5190.1	32.17	30.88	30.34	19.10	18.29	17.94
5370.1	31.09	30.43	29.82	19.26	18.95	18.57
5530.1	31.00	29.77	29.05	20.31	19.94	19.55
5710.1	30.53	28.93	27.95	21.41	21.13	20.74
5870.1	29.92	27.82	26.77	22.29	22.10	21.89
6050.1	29.40	27.33	25.77	23.37	23.53	23.33
6210.1	27.84	26.22	24.79	24.53	25.14	25.17
6390.1	26.84	25.44	23.95	26.72	28.22	28.97
6550.1	26.50	25.48	24.32	29.54	31.96	34.22
6730.1	26.30	25.68	24.91	33.64	36.24	39.11
6890.1	26.40	26.07	25.29	43.97	47.31	45.89
7070.1	25.34	25.12	25.01	37.08	37.01	36.86
7230.1	24.20	24.51	24.52	29.38	29.25	29.61
7410.1	24.32	24.66	24.43	24.06	23.34	23.09
7570.1	24.85	25.07	25.14	20.81	19.96	19.77
7750.1	27.16	27.37	27.38	18.25	17.81	17.71
7910.1	29.18	29.62	29.39	17.16	16.64	16.59
8090.1	29.91	29.80	29.53	13.87	12.89	12.77
8250.1	28.86	27.73	27.54	11.78	10.26	10.70
8430.1	23.82	22.93	23.16	9.31	9.03	9.16

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
1700.1	1730.1	20.45	19.22	13.98
1880.1	1910.1	18.60	13.24	10.50
2060.1	2090.1	14.47	11.20	10.40
2240.1	2270.1	13.30	11.36	10.69
2420.1	2450.1	14.23	13.04	12.41
2600.1	2630.1	16.50	15.89	15.50
2780.1	2810.1	18.71	18.18	17.86
2960.1	2990.1	19.76	19.60	19.10
3120.1	3150.1	20.44	20.56	20.08
3300.1	3330.1	20.03	19.78	19.41
3460.1	3490.1	18.99	18.37	17.88
3640.1	3670.1	18.71	18.15	17.66
3800.1	3830.1	18.93	18.56	18.21
3980.1	4010.1	19.43	19.15	18.88
4140.1	4170.1	20.20	19.88	19.59
4320.1	4350.1	23.68	23.15	22.81
4480.1	4510.1	25.97	25.24	24.61
4660.1	4690.1	29.83	29.30	29.00
4820.1	4850.1	37.11	36.72	36.45
5000.1	5030.1	30.93	30.39	30.02
5160.1	5190.1	25.27	24.98	24.77
5340.1	5370.1	22.13	21.81	21.52
5500.1	5530.1	20.88	20.49	20.26
5680.1	5710.1	20.26	19.94	19.79
5840.1	5870.1	19.95	19.61	19.48
6020.1	6050.1	20.15	19.39	19.14
6180.1	6210.1	19.95	19.06	18.51
6360.1	6390.1	19.52	18.75	18.04
6520.1	6550.1	22.44	21.58	20.86
6700.1	6730.1	30.54	29.58	28.70
6860.1	6890.1	53.95	48.75	41.89
7040.1	7070.1	27.46	26.95	26.63
7200.1	7230.1	23.43	22.68	22.19
7380.1	7410.1	23.10	21.12	20.00
7540.1	7570.1	32.57	38.28	33.20
7720.1	7750.1	21.68	22.30	23.27
7880.1	7910.1	19.72	19.81	19.61
8060.1	8090.1	19.14	19.62	18.95
8220.1	8250.1	18.04	18.96	18.19
8400.1	8430.1	17.64	18.32	18.42

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=7900MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
1700.1	1730.1	5.59	3.24	2.12	1730.1	24.14	20.70	14.38	10.0	1.45	1.10	1.10
1880.1	1910.1	4.26	2.45	1.78	1910.1	21.20	14.26	8.99	90.0	1.46	1.13	1.14
2060.1	2090.1	3.26	2.22	1.91	2090.1	13.81	7.70	6.46	170.0	1.49	1.18	1.19
2240.1	2270.1	2.60	2.11	1.88	2270.1	7.28	5.30	5.19	270.0	1.59	1.30	1.26
2420.1	2450.1	2.37	2.15	2.02	2450.1	4.22	3.73	4.18	350.0	1.68	1.37	1.32
2600.1	2630.1	2.33	2.20	2.14	2630.1	2.87	2.99	3.64	450.0	1.84	1.50	1.40
2780.1	2810.1	2.36	2.21	2.15	2810.1	2.19	2.53	3.24	530.0	1.97	1.58	1.46
2960.1	2990.1	2.34	2.18	2.10	2990.1	1.95	2.32	2.94	630.0	2.17	1.72	1.56
3120.1	3150.1	2.33	2.16	2.02	3150.1	1.74	2.11	2.67	710.0	2.35	1.84	1.64
3300.1	3330.1	2.42	2.22	2.09	3330.1	1.64	2.00	2.53	810.0	2.62	2.05	1.80
3460.1	3490.1	2.35	2.09	1.95	3490.1	1.73	2.07	2.56	890.0	2.82	2.20	1.93
3640.1	3670.1	2.20	2.00	1.89	3670.1	1.84	2.03	2.50	990.0	3.07	2.41	2.11
3800.1	3830.1	2.23	2.07	1.97	3830.1	1.71	1.97	2.48	1070.0	3.25	2.56	2.24
3980.1	4010.1	2.31	2.16	2.07	4010.1	1.64	2.05	2.65	1170.0	3.43	2.70	2.37
4140.1	4170.1	2.40	2.23	2.12	4170.1	1.64	2.17	2.86	1250.0	3.59	2.83	2.49
4320.1	4350.1	2.80	2.60	2.48	4350.1	1.56	2.21	2.95	1350.0	3.74	2.95	2.59
4480.1	4510.1	2.82	2.53	2.35	4510.1	1.63	2.27	3.00	1430.0	3.83	3.01	2.64
4660.1	4690.1	2.63	2.43	2.30	4690.1	1.73	2.36	3.08	1530.0	3.95	3.10	2.71
4820.1	4850.1	3.13	2.86	2.71	4850.1	1.92	2.50	3.20	1610.0	4.03	3.16	2.76
5000.1	5030.1	3.45	3.16	2.96	5030.1	2.10	2.57	3.20	1710.0	4.09	3.20	2.78
5160.1	5190.1	3.40	3.13	2.92	5190.1	2.39	2.73	3.26	1790.0	4.13	3.23	2.80
5340.1	5370.1	3.06	2.80	2.60	5370.1	2.74	2.90	3.37	1890.0	4.08	3.19	2.76
5500.1	5530.1	2.87	2.57	2.38	5530.1	3.01	2.89	3.17	1970.0	4.06	3.20	2.76
5680.1	5710.1	2.59	2.32	2.17	5710.1	3.27	2.86	2.95	2070.0	3.93	3.10	2.67
5840.1	5870.1	2.40	2.13	2.00	5870.1	3.29	2.69	2.64	2150.0	3.82	3.00	2.59
6020.1	6050.1	2.09	1.78	1.70	6050.1	3.10	2.39	2.21	2250.0	3.70	2.91	2.52
6180.1	6210.1	2.09	1.74	1.57	6210.1	2.77	2.04	1.81	2330.0	3.59	2.82	2.44
6360.1	6390.1	1.98	1.75	1.57	6390.1	2.20	1.57	1.39	2430.0	3.44	2.72	2.38
6520.1	6550.1	1.90	1.71	1.58	6550.1	1.70	1.21	1.23	2510.0	3.33	2.65	2.33
6700.1	6730.1	1.87	1.73	1.62	6730.1	1.31	1.09	1.42	2610.0	3.18	2.59	2.31
6860.1	6890.1	1.81	1.70	1.64	6890.1	1.12	1.27	1.61	2690.0	3.10	2.58	2.35
7040.1	7070.1	1.82	1.78	1.75	7070.1	1.14	1.40	1.76	2790.0	2.95	2.55	2.38
7200.1	7230.1	1.90	1.85	1.82	7230.1	1.51	1.67	2.01	2870.0	2.90	2.58	2.45
7380.1	7410.1	1.98	1.81	1.72	7410.1	1.96	2.04	2.33	2970.0	2.79	2.59	2.54
7540.1	7570.1	2.69	2.40	2.25	7570.1	2.36	2.38	2.64	3050.0	2.78	2.68	2.69
7720.1	7750.1	2.92	2.61	2.44	7750.1	2.85	2.77	2.99	3150.0	2.77	2.77	2.84
7880.1	7910.1	3.11	2.79	2.60	7910.1	3.50	3.22	3.39	3230.0	2.88	2.97	3.11
8060.1	8090.1	3.48	2.92	2.68	8090.1	4.46	3.77	3.73	3330.0	2.95	3.15	3.37
8220.1	8250.1	3.63	2.90	2.46	8250.1	4.80	3.99	3.86	3410.0	3.00	3.28	3.58
8400.1	8430.1	3.41	2.68	2.54	8430.1	4.17	3.83	3.82	3510.0	3.12	3.52	3.92

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+10	16	15	31	---	---	---	---	---	---
1	-	21	+0	34	19	46	47	---	---	---	---	---
2	84	61	56	54	55	56	59	67	---	---	---	---
3	>90	>73	62	>73	60	>73	67	>73	>73	---	---	---
4	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	---	---
5	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73	---
6	---	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73
7	---	---	---	---	>73	>73	>73	>73	>73	>73	>73	>73
8	---	---	---	---	---	>73	>73	>73	>73	>73	>73	>73
9	---	---	---	---	---	---	>73	>73	>73	>73	>73	>73
10	---	---	---	---	---	---	---	>73	>73	>73	>73	>73
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions:

RF IN: 5100 MHz; -10.00 dBm.

LO IN: 5130 MHz; +10.00 dBm

IF OUT: 30 MHz; -16.61 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	26	26	41	---	---	---	---	---	---
1	-	20	+0	35	19	48	48	---	---	---	---	---
2	64	46	46	38	45	47	51	63	---	---	---	---
3	89	54	39	63	38	61	47	61	78	---	---	---
4	>90	76	75	60	72	54	71	57	71	72	---	---
5	---	---	79	80	65	>83	58	80	62	>83	75	---
6	---	---	---	>83	>83	70	>83	63	>83	67	>83	>83
7	---	---	---	---	>83	>83	77	>83	69	>83	73	>83
8	---	---	---	---	---	>83	>83	81	>83	75	>83	79
9	---	---	---	---	---	---	>83	>83	>83	>83	81	>83
10	---	---	---	---	---	---	---	>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: 5100 MHz; 0.00 dBm.

LO IN: 5130 MHz; +10.00 dBm

IF OUT: 30 MHz; -6.65 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

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