

Frequency Mixer

SIM-ED12399/5

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+14	+17	+20
2060.0	2090.0	18.12	11.06	8.19
2220.0	2250.0	12.09	8.87	7.09
2380.0	2410.0	8.52	7.12	6.53
2540.0	2570.0	7.73	6.87	6.58
2700.0	2730.0	7.36	6.64	6.33
2860.0	2890.0	6.97	6.38	6.08
3020.0	3050.0	6.97	6.38	6.14
3180.0	3210.0	6.87	6.34	6.10
3340.0	3370.0	6.87	6.30	5.99
3500.0	3530.0	7.13	6.28	5.99
3660.0	3690.0	6.62	6.05	5.91
3820.0	3850.0	6.54	6.17	6.10
3980.0	4010.0	6.57	6.27	6.20
4140.0	4170.0	6.75	6.29	6.16
4300.0	4330.0	7.56	7.01	6.75
4460.0	4490.0	7.07	6.56	6.37
4620.0	4650.0	7.22	6.75	6.56
4780.0	4810.0	8.57	7.66	7.18
4940.0	4970.0	8.93	7.83	7.25
5100.0	5130.0	8.70	7.62	7.12
5260.0	5290.0	8.42	7.10	6.62
5420.0	5450.0	8.15	6.89	6.31
5580.0	5610.0	8.07	6.77	6.14
5740.0	5770.0	7.79	6.43	5.93
5900.0	5930.0	7.83	6.26	5.75
6060.0	6090.0	7.64	6.17	5.71
6220.0	6250.0	7.22	6.10	5.70
6380.0	6410.0	7.06	6.18	5.84
6540.0	6570.0	7.11	6.31	6.09
6700.0	6730.0	6.97	6.45	6.30
6860.0	6890.0	7.04	6.54	6.45
7020.0	7050.0	7.14	6.54	6.45
7180.0	7210.0	7.32	6.61	6.33
7340.0	7370.0	7.36	6.56	6.36
7500.0	7530.0	8.75	7.02	6.49
7640.0	7670.0	10.40	8.12	7.20
7800.0	7830.0	10.32	8.01	7.14
7940.0	7970.0	11.22	8.99	7.66
8100.0	8130.0	11.33	9.05	8.58
8240.0	8270.0	14.80	10.38	10.76

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+14	+17	+20
2060.0	2090.0	5.79	12.56	20.54
2220.0	2250.0	12.60	20.36	25.73
2380.0	2410.0	22.55	23.72	23.80
2540.0	2570.0	25.95	23.58	22.67
2700.0	2730.0	24.12	23.39	23.94
2860.0	2890.0	24.60	28.16	24.97
3020.0	3050.0	33.60	29.00	27.79
3180.0	3210.0	29.08	27.28	27.03
3340.0	3370.0	21.90	24.46	27.16
3500.0	3530.0	23.12	21.41	25.40
3660.0	3690.0	19.76	23.35	27.91
3820.0	3850.0	22.23	26.41	30.03
3980.0	4010.0	23.47	28.37	30.84
4140.0	4170.0	21.96	23.51	25.16
4300.0	4330.0	26.06	25.98	25.70
4460.0	4490.0	25.48	29.21	30.20
4620.0	4650.0	23.83	26.91	28.94
4780.0	4810.0	26.69	27.89	28.81
4940.0	4970.0	31.36	26.67	26.82
5100.0	5130.0	26.52	24.26	24.31
5260.0	5290.0	23.76	23.42	23.75
5420.0	5450.0	22.18	22.38	22.47
5580.0	5610.0	21.02	21.75	21.68
5740.0	5770.0	19.49	21.60	20.78
5900.0	5930.0	20.69	22.13	21.14
6060.0	6090.0	18.32	20.85	21.61
6220.0	6250.0	18.25	21.35	22.99
6380.0	6410.0	19.72	23.15	24.85
6540.0	6570.0	20.23	24.29	25.46
6700.0	6730.0	21.83	25.09	25.40
6860.0	6890.0	22.44	24.97	25.08
7020.0	7050.0	21.89	23.26	24.17
7180.0	7210.0	22.64	24.18	23.84
7340.0	7370.0	22.64	26.72	27.36
7500.0	7530.0	23.33	24.84	28.46
7640.0	7670.0	19.78	25.75	27.76
7800.0	7830.0	19.54	22.61	24.03
7940.0	7970.0	17.40	21.19	22.48
8100.0	8130.0	16.39	20.75	16.52
8240.0	8270.0	17.72	13.80	22.43

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+14dBm (dB)		
		@LO (dBm)		
		+14	+17	+20
2060.0	2090.0	-5.33	-0.64	0.68
2220.0	2250.0	-1.12	0.62	1.11
2380.0	2410.0	1.14	1.21	1.12
2540.0	2570.0	1.09	0.89	0.77
2700.0	2730.0	1.08	0.77	0.74
2860.0	2890.0	1.09	0.76	0.72
3020.0	3050.0	0.85	0.63	0.56
3180.0	3210.0	0.77	0.59	0.53
3340.0	3370.0	0.78	0.61	0.53
3500.0	3530.0	0.71	0.64	0.36
3660.0	3690.0	1.29	0.53	0.23
3820.0	3850.0	1.33	0.32	0.16
3980.0	4010.0	1.28	0.34	0.13
4140.0	4170.0	1.28	0.51	0.26
4300.0	4330.0	0.71	0.35	0.25
4460.0	4490.0	0.83	0.35	0.23
4620.0	4650.0	1.00	0.40	0.22
4780.0	4810.0	0.56	0.43	0.27
4940.0	4970.0	0.28	0.35	0.30
5100.0	5130.0	0.19	0.32	0.32
5260.0	5290.0	0.31	0.42	0.48
5420.0	5450.0	0.57	0.43	0.54
5580.0	5610.0	0.82	0.40	0.51
5740.0	5770.0	1.34	0.77	0.73
5900.0	5930.0	0.80	0.58	0.63
6060.0	6090.0	0.87	0.52	0.55
6220.0	6250.0	1.02	0.57	0.56
6380.0	6410.0	0.90	0.48	0.51
6540.0	6570.0	0.85	0.49	0.52
6700.0	6730.0	0.83	0.53	0.54
6860.0	6890.0	0.88	0.47	0.45
7020.0	7050.0	1.01	0.48	0.40
7180.0	7210.0	0.85	0.39	0.34
7340.0	7370.0	1.00	0.47	0.33
7500.0	7530.0	0.58	0.80	0.64
7640.0	7670.0	-0.27	0.45	0.76
7800.0	7830.0	0.31	0.93	1.41
7940.0	7970.0	0.54	0.78	1.46
8100.0	8130.0	2.18	2.03	1.50
8240.0	8270.0	1.47	3.36	1.18

REV. X2

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4950MHz (dB)			IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2289.89MHz (dB)		IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=7610.1MHz (dB)	
		@LO (dBm)					@LO (dBm)				@LO (dBm)	
			+17				+17				+17	
8950.0	4000.0		10.40		10.1	2300.0	8.17		1850.1	5760.0	10.38	
8983.6	4033.6		10.08		110.1	2400.0	7.23		1810.1	5800.0	10.31	
9050.7	4100.7		9.45		210.1	2500.0	7.15		1770.1	5840.0	10.19	
9084.3	4134.3		9.08		310.1	2600.0	6.93		1730.1	5880.0	10.01	
9151.4	4201.4		8.27		410.1	2700.0	6.81		1690.1	5920.0	9.89	
9185.0	4235.0		7.98		510.1	2800.0	6.71		1650.1	5960.0	9.71	
9252.1	4302.1		7.50		610.1	2900.0	6.55		1610.1	6000.0	9.51	
9285.7	4335.7		7.22		710.1	3000.0	6.47		1570.1	6040.0	9.33	
9352.9	4402.9		7.10		810.1	3100.0	6.55		1530.1	6080.0	9.14	
9386.4	4436.4		7.09		910.1	3200.0	6.68		1490.1	6120.0	9.01	
9453.6	4503.6		7.49		1010.1	3300.0	6.98		1450.1	6160.0	8.85	
9487.1	4537.1		7.66		1110.1	3400.0	7.30		1410.1	6200.0	8.81	
9554.3	4604.3		8.02		1210.1	3500.0	7.37		1370.1	6240.0	8.68	
9587.9	4637.9		8.24		1310.1	3600.0	7.08		1310.1	6300.0	8.51	
9655.0	4705.0		8.52		1410.1	3700.0	7.21		1270.1	6340.0	8.44	
9688.6	4738.6		8.86		1510.1	3800.0	7.31		1210.1	6400.0	8.23	
9755.7	4805.7		9.19		1610.1	3900.0	7.39		1170.1	6440.0	8.19	
9789.3	4839.3		9.65		1710.1	4000.0	7.18		1110.1	6500.0	8.01	
9856.4	4906.4		9.81		1810.1	4100.0	7.25		1070.1	6540.0	8.00	
9890.0	4940.0		10.46		1910.1	4200.0	7.50		1010.1	6600.0	7.82	
9916.9	4966.9		10.83		2010.1	4300.0	7.77		970.1	6640.0	7.81	
9923.8	4973.8		10.81		2110.1	4400.0	8.05		910.1	6700.0	7.67	
9937.6	4987.6		10.69		2210.1	4500.0	8.14		870.1	6740.0	7.62	
9944.5	4994.5		10.64		2310.1	4600.0	8.20		810.1	6800.0	7.47	
9958.3	5008.3		10.65		2410.1	4700.0	8.15		770.1	6840.0	7.37	
9965.2	5015.2		10.74		2510.1	4800.0	8.19		710.1	6900.0	7.22	
9979.0	5029.0		11.07		2610.1	4900.0	8.30		670.1	6940.0	7.16	
9985.9	5035.9		11.25		2710.1	5000.0	8.17		610.1	7000.0	7.06	
9999.7	5049.7		11.51		2810.1	5100.0	8.04		570.1	7040.0	6.99	
10006.6	5056.6		11.58		2910.1	5200.0	7.87		510.1	7100.0	6.89	
10020.3	5070.3		11.55		3010.1	5300.0	7.88		470.1	7140.0	6.80	
10027.2	5077.2		11.48		3110.1	5400.0	7.69		410.1	7200.0	6.79	
10041.0	5091.0		11.31		3210.1	5500.0	7.55		370.1	7240.0	6.77	
10047.9	5097.9		11.25		3310.1	5600.0	7.55		310.1	7300.0	6.94	
10061.7	5111.7		11.32		3410.1	5700.0	7.52		270.1	7340.0	7.04	
10068.6	5118.6		11.44		3510.1	5800.0	7.24		210.1	7400.0	7.42	
10082.4	5132.4		11.77		3630.1	5920.0	7.66		170.1	7440.0	7.53	
10089.3	5139.3		11.92		3730.1	6020.0	8.25		110.1	7500.0	7.87	
10103.1	5153.1		12.10		3850.1	6140.0	9.10		70.1	7540.0	7.78	
10110.0	5160.0		12.13		3950.1	6240.0	10.26		10.1	7600.0	8.35	

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+14	+17	+20	+14	+17	+20
2090.0	39.75	32.81	30.53	15.11	16.09	18.44
2250.0	37.21	32.38	31.05	14.35	16.41	19.17
2410.0	34.32	32.83	33.50	14.97	18.11	21.22
2570.0	36.97	37.67	39.21	15.83	19.11	22.01
2730.0	39.70	43.40	41.49	16.98	20.58	22.91
2890.0	40.68	39.27	34.59	18.17	20.95	22.71
3050.0	37.07	34.81	31.71	19.24	21.86	23.61
3210.0	35.85	33.54	30.76	20.84	23.08	23.78
3370.0	35.33	33.21	30.62	23.10	24.71	24.33
3530.0	35.03	32.76	30.55	25.94	25.89	24.34
3690.0	34.32	31.80	29.80	28.92	27.18	24.91
3850.0	35.13	32.19	30.44	33.50	29.56	27.13
4010.0	35.02	32.17	30.17	42.49	34.65	31.71
4170.0	34.21	32.90	31.20	40.01	43.00	43.70
4330.0	30.56	30.94	30.97	30.93	29.60	29.00
4490.0	29.53	29.73	29.79	23.93	22.80	22.11
4650.0	29.39	29.57	29.78	19.04	18.37	17.99
4810.0	29.50	29.76	29.78	16.23	16.20	15.79
4970.0	29.06	29.04	28.92	15.58	15.73	15.48
5130.0	27.85	27.95	27.89	15.58	15.94	15.93
5290.0	27.51	27.30	27.17	16.17	16.68	16.86
5450.0	27.27	26.58	26.23	17.18	17.66	18.02
5610.0	26.57	25.65	25.09	18.26	18.94	19.47
5770.0	26.05	25.05	24.32	19.54	20.49	21.29
5930.0	24.89	23.89	23.26	21.30	22.50	23.62
6090.0	23.81	22.98	22.11	23.56	25.17	26.86
6250.0	22.85	22.58	21.45	26.63	28.38	30.46
6410.0	21.99	22.10	21.40	30.37	30.06	29.75
6570.0	21.39	21.77	21.55	30.21	28.12	27.00
6730.0	20.85	21.55	21.43	26.66	26.59	26.12
6890.0	19.97	20.78	21.30	24.23	25.23	26.11
7050.0	18.88	20.12	20.98	22.16	23.53	24.74
7210.0	18.18	19.38	20.05	21.01	22.34	22.82
7370.0	18.24	19.51	20.22	19.57	20.44	20.81
7530.0	18.41	19.74	20.69	17.91	17.77	18.12
7670.0	18.67	19.79	20.58	17.71	16.60	16.95
7830.0	19.84	20.65	21.24	18.54	16.09	15.83
7970.0	21.07	21.76	22.27	18.14	14.23	12.85
8130.0	23.40	24.32	24.93	14.23	11.87	9.73
8270.0	26.28	26.73	26.98	11.35	10.05	8.89

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+14	+17	+20
2060.0	2090.0	18.54	13.04	10.86
2220.0	2250.0	16.98	12.50	10.81
2380.0	2410.0	15.47	13.00	12.10
2540.0	2570.0	16.70	15.44	14.85
2700.0	2730.0	18.73	17.69	17.03
2860.0	2890.0	18.71	18.41	18.45
3020.0	3050.0	19.92	20.16	21.20
3180.0	3210.0	20.34	20.68	21.20
3340.0	3370.0	19.50	19.43	19.42
3500.0	3530.0	19.24	19.16	19.03
3660.0	3690.0	18.88	18.81	18.75
3820.0	3850.0	18.95	19.03	19.02
3980.0	4010.0	19.12	19.08	19.09
4140.0	4170.0	20.50	20.51	20.55
4300.0	4330.0	25.48	25.23	25.01
4460.0	4490.0	28.59	27.91	27.51
4620.0	4650.0	34.57	33.93	33.56
4780.0	4810.0	35.33	34.70	34.13
4940.0	4970.0	31.93	31.18	30.59
5100.0	5130.0	28.21	27.57	27.18
5260.0	5290.0	25.96	25.23	24.78
5420.0	5450.0	24.25	23.59	23.18
5580.0	5610.0	23.31	22.51	22.12
5740.0	5770.0	22.91	21.99	21.42
5900.0	5930.0	23.14	22.30	21.27
6060.0	6090.0	22.23	21.53	20.88
6220.0	6250.0	21.84	20.78	20.07
6380.0	6410.0	22.14	20.89	19.98
6540.0	6570.0	24.56	23.69	23.21
6700.0	6730.0	27.91	27.22	26.88
6860.0	6890.0	33.52	32.16	31.58
7020.0	7050.0	43.07	44.19	46.31
7180.0	7210.0	33.87	33.71	33.59
7340.0	7370.0	30.18	28.73	27.21
7500.0	7530.0	36.01	28.53	25.06
7640.0	7670.0	32.43	30.33	31.24
7800.0	7830.0	30.77	32.04	33.95
7940.0	7970.0	28.73	29.01	37.63
8100.0	8130.0	25.57	26.36	26.16
8240.0	8270.0	23.75	25.60	29.73

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=7600MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+14	+17	+20		+14	+17	+20		+14	+17	+20
2060.0	2090.0	5.51	2.92	2.07	2090.0	13.92	7.87	5.16	10.0	2.41	1.55	1.21
2220.0	2250.0	3.94	2.63	2.04	2250.0	8.68	4.68	3.80	110.0	2.40	1.60	1.29
2380.0	2410.0	3.09	2.49	2.25	2410.0	4.66	3.03	3.02	210.0	2.49	1.70	1.42
2540.0	2570.0	2.97	2.59	2.44	2570.0	3.27	2.35	2.52	310.0	2.54	1.83	1.55
2700.0	2730.0	2.99	2.60	2.42	2730.0	2.72	1.94	2.16	410.0	2.71	1.98	1.71
2860.0	2890.0	2.95	2.65	2.43	2890.0	2.36	1.81	2.07	510.0	2.90	2.15	1.86
3020.0	3050.0	2.92	2.59	2.39	3050.0	2.09	1.71	1.98	610.0	3.20	2.38	2.06
3180.0	3210.0	2.98	2.66	2.42	3210.0	2.04	1.68	1.92	710.0	3.51	2.61	2.25
3340.0	3370.0	2.93	2.54	2.25	3370.0	2.06	1.79	2.05	810.0	3.91	2.91	2.52
3500.0	3530.0	2.88	2.35	2.10	3530.0	2.21	1.88	2.02	910.0	4.33	3.22	2.78
3660.0	3690.0	2.57	2.22	2.06	3690.0	2.27	1.73	1.93	1010.0	4.72	3.53	3.04
3820.0	3850.0	2.50	2.21	2.08	3850.0	1.97	1.67	2.06	1110.0	5.12	3.80	3.26
3980.0	4010.0	2.53	2.26	2.12	4010.0	1.69	1.65	2.13	1210.0	5.46	4.04	3.45
4140.0	4170.0	3.05	2.73	2.56	4170.0	1.38	1.58	2.15	1310.0	5.77	4.23	3.59
4300.0	4330.0	3.85	3.40	3.11	4330.0	1.15	1.66	2.34	1410.0	5.97	4.35	3.68
4460.0	4490.0	3.54	3.12	2.85	4490.0	1.18	1.75	2.41	1510.0	6.17	4.39	3.70
4620.0	4650.0	3.37	3.03	2.82	4650.0	1.39	1.86	2.49	1610.0	6.30	4.45	3.74
4780.0	4810.0	4.17	3.76	3.47	4810.0	1.76	2.07	2.65	1710.0	6.39	4.42	3.70
4940.0	4970.0	4.61	4.10	3.76	4970.0	2.12	2.21	2.62	1810.0	6.53	4.39	3.65
5100.0	5130.0	4.37	3.77	3.41	5130.0	2.79	2.60	2.87	1910.0	6.51	4.28	3.54
5260.0	5290.0	3.98	3.37	2.95	5290.0	3.54	2.93	2.91	1990.0	6.49	4.24	3.52
5420.0	5450.0	3.75	3.15	2.71	5450.0	4.18	3.21	2.97	2090.0	6.35	4.11	3.42
5580.0	5610.0	3.56	2.93	2.49	5610.0	4.92	3.35	2.94	2170.0	6.24	4.05	3.38
5740.0	5770.0	3.35	2.69	2.25	5770.0	5.56	3.32	2.68	2270.0	5.81	3.83	3.22
5900.0	5930.0	2.92	2.28	1.85	5930.0	5.51	3.11	2.41	2350.0	5.52	3.70	3.14
6060.0	6090.0	2.56	2.01	1.68	6090.0	5.14	2.72	2.00	2450.0	5.20	3.52	3.02
6220.0	6250.0	2.14	1.72	1.46	6250.0	4.60	2.35	1.63	2530.0	4.82	3.32	2.87
6380.0	6410.0	1.79	1.47	1.28	6410.0	3.50	1.90	1.29	2630.0	4.50	3.16	2.77
6540.0	6570.0	1.59	1.34	1.22	6570.0	2.72	1.55	1.04	2710.0	4.18	3.01	2.67
6700.0	6730.0	1.45	1.31	1.24	6730.0	2.10	1.28	1.15	2810.0	3.96	2.92	2.64
6860.0	6890.0	1.44	1.33	1.29	6890.0	1.74	1.11	1.31	2890.0	3.75	2.85	2.62
7020.0	7050.0	1.62	1.48	1.43	7050.0	1.75	1.29	1.52	2990.0	3.56	2.80	2.63
7180.0	7210.0	1.89	1.72	1.64	7210.0	1.96	1.64	1.79	3070.0	3.45	2.79	2.66
7340.0	7370.0	1.96	1.73	1.62	7370.0	2.27	1.95	2.13	3170.0	3.30	2.80	2.74
7500.0	7530.0	2.33	1.96	1.76	7530.0	2.73	2.26	2.36	3250.0	3.15	2.80	2.79
7640.0	7670.0	3.03	2.52	2.25	7670.0	3.20	2.58	2.57	3350.0	2.97	2.82	2.90
7800.0	7830.0	3.28	2.72	2.42	7830.0	3.78	3.05	2.86	3430.0	2.84	2.89	3.05
7940.0	7970.0	3.55	2.98	2.55	7970.0	4.39	3.60	3.18	3530.0	2.73	3.08	3.35
8100.0	8130.0	3.53	2.97	2.59	8130.0	4.54	3.62	3.16	3610.0	2.75	3.36	3.72
8240.0	8270.0	4.10	3.08	2.57	8270.0	4.37	3.54	3.15	3710.0	2.86	3.81	4.28

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+10	11	15	33	---	---	---	---	---	---
1	-	23	+0	33	20	35	51	---	---	---	---	---
2	66	68	51	66	51	56	60	76	---	---	---	---
3	>90	69	61	>81	66	>81	68	81	>81	---	---	---
4	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	---	---
5	---	---	>81	>81	>81	>81	>81	>81	>81	>81	>81	---
6	---	---	---	>81	>81	>81	>81	>81	>81	>81	>81	>81
7	---	---	---	---	>81	>81	>81	>81	>81	>81	>81	>81
8	---	---	---	---	---	>81	>81	>81	>81	>81	>81	>81
9	---	---	---	---	---	---	>81	>81	>81	>81	>81	>81
10	---	---	---	---	---	---	---	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions:

RF IN: 4950 MHz; -1.00 dBm.
LO IN: 4980 MHz; +17.00 dBm
IF OUT: 30 MHz; -8.97 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	21	25	44	---	---	---	---	---	---
1	-	23	+0	33	20	37	55	---	---	---	---	---
2	46	55	41	47	42	47	50	66	---	---	---	---
3	63	47	39	65	43	63	48	61	62	---	---	---
4	80	79	87	58	69	57	74	67	78	87	---	---
5	---	---	79	85	64	90	60	>91	67	89	88	---
6	---	---	---	>91	91	78	>91	75	>91	81	>91	>91
7	---	---	---	---	>91	>91	83	>91	80	>91	88	>91
8	---	---	---	---	---	>91	>91	>91	>91	88	>91	>91
9	---	---	---	---	---	---	>91	>91	>91	>91	>91	>91
10	---	---	---	---	---	---	---	>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: 4950 MHz; 9.00 dBm.
LO IN: 4980 MHz; +17.00 dBm
IF OUT: 30 MHz; 1.13 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.