

Frequency Mixer

SIM-ED12666/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=4300MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+1dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+3	+6	+9			+3	+6	+9			+3	+6	+9
4380.1	80.1	8.28	8.02	7.87	4380.1	80.1	10.69	12.01	13.43	4380.1	80.1	0.64	0.38	0.25
4450.1	150.1	8.09	7.81	7.63	4450.1	150.1	10.29	12.93	14.43	4450.1	150.1	0.61	0.39	0.26
4520.1	220.1	7.92	7.61	7.41	4520.1	220.1	10.82	12.83	15.35	4520.1	220.1	0.63	0.40	0.30
4590.1	290.1	7.78	7.48	7.28	4590.1	290.1	10.53	12.66	14.74	4590.1	290.1	0.68	0.45	0.33
4660.1	360.1	7.63	7.26	7.09	4660.1	360.1	10.23	12.03	14.11	4660.1	360.1	0.75	0.52	0.39
4730.1	430.1	7.36	6.97	6.76	4730.1	430.1	10.46	11.08	15.89	4730.1	430.1	0.84	0.60	0.42
4800.1	500.1	7.12	6.68	6.59	4800.1	500.1	9.79	12.69	15.35	4800.1	500.1	0.96	0.68	0.39
4870.1	570.1	7.04	6.63	6.43	4870.1	570.1	9.85	12.54	15.34	4870.1	570.1	1.02	0.72	0.45
4940.1	640.1	6.86	6.42	6.24	4940.1	640.1	8.95	12.57	13.96	4940.1	640.1	1.12	0.78	0.49
5020.1	720.1	6.70	6.25	6.20	5020.1	720.1	10.29	13.32	19.21	5020.1	720.1	1.18	0.76	0.36
5090.1	790.1	6.69	6.16	5.95	5090.1	790.1	10.86	13.18	15.15	5090.1	790.1	1.21	0.79	0.53
5170.1	870.1	6.66	6.14	5.79	5170.1	870.1	10.57	12.96	15.32	5170.1	870.1	1.20	0.76	0.54
5240.1	940.1	6.59	6.22	5.93	5240.1	940.1	11.03	12.81	14.97	5240.1	940.1	1.29	0.73	0.50
5320.1	1020.1	6.61	6.35	6.18	5320.1	1020.1	11.08	13.00	14.59	5320.1	1020.1	1.25	0.60	0.36
5390.1	1090.1	6.61	6.44	6.48	5390.1	1090.1	11.32	16.68	18.89	5390.1	1090.1	1.33	0.58	0.24
5470.1	1170.1	6.57	6.27	6.28	5470.1	1170.1	10.85	14.24	14.80	5470.1	1170.1	1.48	0.77	0.48
5540.1	1240.1	6.51	6.14	6.03	5540.1	1240.1	10.57	14.01	15.59	5540.1	1240.1	1.67	0.92	0.67
5620.1	1320.1	6.54	6.02	5.85	5620.1	1320.1	10.34	13.72	14.87	5620.1	1320.1	1.84	1.11	0.80
5690.1	1390.1	6.69	6.08	5.85	5690.1	1390.1	9.84	13.37	15.36	5690.1	1390.1	1.81	1.10	0.78
5770.1	1470.1	6.85	6.11	5.82	5770.1	1470.1	9.43	12.00	13.47	5770.1	1470.1	1.90	1.24	0.88
5840.1	1540.1	7.05	6.24	5.88	5840.1	1540.1	9.50	12.16	13.32	5840.1	1540.1	1.87	1.20	0.86
5920.1	1620.1	7.34	6.58	6.12	5920.1	1620.1	10.33	13.02	13.78	5920.1	1620.1	1.88	1.18	0.94
5990.1	1690.1	7.45	6.78	6.33	5990.1	1690.1	10.84	13.46	13.74	5990.1	1690.1	1.77	1.12	0.84
6070.1	1770.1	7.63	6.99	6.56	6070.1	1770.1	10.25	13.85	13.40	6070.1	1770.1	1.82	1.16	0.89
6140.1	1840.1	7.89	7.23	6.82	6140.1	1840.1	9.99	13.59	13.67	6140.1	1840.1	1.84	1.20	0.94
6220.1	1920.1	8.09	7.49	7.08	6220.1	1920.1	10.27	12.38	13.03	6220.1	1920.1	1.68	1.12	0.86
6290.1	1990.1	8.30	7.83	7.43	6290.1	1990.1	10.57	11.54	12.33	6290.1	1990.1	1.53	1.06	0.89
6370.1	2070.1	8.67	8.52	8.27	6370.1	2070.1	11.61	12.22	12.56	6370.1	2070.1	1.29	0.75	0.64
6440.1	2140.1	8.81	8.97	9.05	6440.1	2140.1	9.77	16.92	17.59	6440.1	2140.1	1.34	0.53	0.37
6520.1	2220.1	8.90	9.18	9.53	6520.1	2220.1	9.61	13.00	14.59	6520.1	2220.1	1.35	0.49	0.26
6590.1	2290.1	9.16	9.36	9.85	6590.1	2290.1	9.55	11.67	13.87	6590.1	2290.1	1.21	0.55	0.31
6670.1	2370.1	9.23	9.24	9.73	6670.1	2370.1	9.81	11.77	13.29	6670.1	2370.1	1.21	0.69	0.44
6740.1	2440.1	9.34	9.12	9.50	6740.1	2440.1	9.75	11.87	13.30	6740.1	2440.1	1.26	0.78	0.55
6820.1	2520.1	9.62	9.27	9.58	6820.1	2520.1	10.63	11.77	13.21	6820.1	2520.1	1.13	0.72	0.53
6890.1	2590.1	10.08	9.70	9.91	6890.1	2590.1	11.74	12.63	13.21	6890.1	2590.1	0.86	0.58	0.48
6970.1	2670.1	10.41	10.03	10.18	6970.1	2670.1	12.63	13.36	13.30	6970.1	2670.1	0.78	0.55	0.48
7040.1	2740.1	10.52	10.01	10.07	7040.1	2740.1	13.12	13.64	13.55	7040.1	2740.1	0.76	0.52	0.47
7120.1	2820.1	10.59	10.10	10.17	7120.1	2820.1	13.72	14.07	14.28	7120.1	2820.1	0.71	0.46	0.39
7190.1	2890.1	10.72	10.29	10.33	7190.1	2890.1	13.73	14.43	14.81	7190.1	2890.1	0.62	0.37	0.31

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=5800.1001MHz (dB)
		@LO (dBm) +6
5790.0	10.1	7.80
5670.0	130.1	7.82
5550.0	250.1	8.08
5430.0	370.1	8.38
5310.0	490.1	8.59
5190.0	610.1	8.82
5070.0	730.1	8.76
4950.0	850.1	8.01
4830.0	970.1	7.30
4710.0	1090.1	7.00
4590.0	1210.1	6.56
4490.0	1310.1	6.31
4370.0	1430.1	6.24
4270.0	1530.1	6.34
4150.0	1650.1	6.61
4050.0	1750.1	6.97
3930.0	1870.1	7.72
3830.0	1970.1	8.22
3710.0	2090.1	7.60
3610.0	2190.1	7.26
3490.0	2310.1	7.19
3390.0	2410.1	7.04
3270.0	2530.1	6.62
3170.0	2630.1	6.48
3050.0	2750.1	6.45
2950.0	2850.1	6.53
2830.0	2970.1	6.59
2730.0	3070.1	6.69
2610.0	3190.1	6.79
2510.0	3290.1	6.88
2390.0	3410.1	7.07
2290.0	3510.1	7.24
2170.0	3630.1	7.35
2070.0	3730.1	7.40
1950.0	3850.1	7.57
1850.0	3950.1	7.83
1730.0	4070.1	8.36
1630.0	4170.1	9.09
1510.0	4290.1	10.29
1410.0	4390.1	11.38

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=5700.1001MHz (dB)
		@LO (dBm) +6
5690.0	10.1	7.70
5570.0	130.1	7.74
5450.0	250.1	8.08
5330.0	370.1	8.34
5210.0	490.1	8.61
5090.0	610.1	8.69
4970.0	730.1	8.39
4850.0	850.1	7.49
4730.0	970.1	6.93
4610.0	1090.1	6.70
4490.0	1210.1	6.36
4390.0	1310.1	6.23
4270.0	1430.1	6.18
4170.0	1530.1	6.31
4050.0	1650.1	6.67
3950.0	1750.1	7.13
3830.0	1870.1	7.92
3730.0	1970.1	8.15
3610.0	2090.1	7.45
3510.0	2190.1	7.22
3390.0	2310.1	7.10
3290.0	2410.1	6.97
3170.0	2530.1	6.62
3070.0	2630.1	6.44
2950.0	2750.1	6.52
2850.0	2850.1	6.56
2730.0	2970.1	6.72
2630.0	3070.1	6.84
2510.0	3190.1	6.92
2410.0	3290.1	7.04
2290.0	3410.1	7.25
2190.0	3510.1	7.39
2070.0	3630.1	7.51
1970.0	3730.1	7.60
1850.0	3850.1	7.83
1750.0	3950.1	8.30
1630.0	4070.1	8.93
1530.0	4170.1	9.80
1410.0	4290.1	11.07
1310.0	4390.1	12.36

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=5900.1001MHz (dB)
		@LO (dBm) +6
5890.0	10.1	7.93
5770.0	130.1	7.90
5650.0	250.1	8.15
5530.0	370.1	8.36
5410.0	490.1	8.54
5290.0	610.1	8.86
5170.0	730.1	8.99
5050.0	850.1	8.53
4930.0	970.1	7.67
4810.0	1090.1	7.38
4690.0	1210.1	6.82
4590.0	1310.1	6.54
4470.0	1430.1	6.38
4370.0	1530.1	6.41
4250.0	1650.1	6.64
4150.0	1750.1	6.88
4030.0	1870.1	7.48
3930.0	1970.1	8.20
3810.0	2090.1	7.82
3710.0	2190.1	7.35
3590.0	2310.1	7.23
3490.0	2410.1	7.13
3370.0	2530.1	6.73
3270.0	2630.1	6.52
3150.0	2750.1	6.44
3050.0	2850.1	6.50
2930.0	2970.1	6.54
2830.0	3070.1	6.61
2710.0	3190.1	6.68
2610.0	3290.1	6.76
2490.0	3410.1	6.95
2390.0	3510.1	7.08
2270.0	3630.1	7.26
2170.0	3730.1	7.25
2050.0	3850.1	7.36
1950.0	3950.1	7.45
1830.0	4070.1	7.91
1730.0	4170.1	8.47
1610.0	4290.1	9.52
1510.0	4390.1	10.58

Frequency Mixer

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+3	+6	+9	+3	+6	+9
80.1	66.02	58.37	62.32	41.83	40.48	39.42
150.1	52.69	53.29	52.32	37.63	36.36	35.49
220.1	54.84	56.54	53.46	34.88	33.64	32.75
290.1	52.59	47.64	47.73	32.96	31.72	30.80
360.1	50.67	50.96	51.48	31.30	29.96	28.99
430.1	47.23	45.67	44.83	30.03	28.54	27.62
500.1	45.63	44.09	43.83	28.73	27.22	26.38
570.1	41.97	41.13	40.40	27.57	26.08	25.35
640.1	41.41	40.68	39.98	26.52	25.08	24.40
720.1	40.46	39.84	39.14	25.34	23.94	23.23
790.1	39.57	39.07	38.43	24.42	23.15	22.49
870.1	38.60	38.26	37.69	23.57	22.47	21.76
940.1	37.79	37.56	37.06	22.92	21.79	20.96
1020.1	36.75	36.71	36.38	22.17	20.85	20.00
1090.1	36.04	36.18	35.99	21.41	20.15	19.33
1170.1	35.28	35.61	35.55	20.71	19.50	18.70
1240.1	34.52	35.05	35.16	20.62	19.32	18.34
1320.1	33.75	34.51	34.82	20.24	18.85	17.76
1390.1	33.12	34.00	34.49	20.06	18.51	17.30
1470.1	32.36	33.37	34.07	19.94	18.10	16.69
1540.1	31.64	32.80	33.68	19.64	17.66	16.12
1620.1	30.93	32.20	33.29	19.11	16.98	15.46
1690.1	30.49	31.89	33.09	18.60	16.55	15.05
1770.1	29.92	31.44	32.82	18.06	16.00	14.51
1840.1	29.30	30.93	32.49	17.63	15.58	14.21
1920.1	28.77	30.43	32.17	17.14	15.42	14.22
1990.1	28.36	29.95	31.68	16.50	15.10	14.14
2070.1	27.98	29.64	31.40	15.86	14.88	14.19
2140.1	27.36	28.99	30.73	15.56	14.61	14.21
2220.1	26.94	28.67	30.45	15.49	14.86	14.65
2290.1	26.61	28.28	29.82	15.73	15.36	15.12
2370.1	26.27	27.87	29.34	16.13	15.79	15.64
2440.1	26.83	28.47	29.86	16.61	16.33	16.12
2520.1	25.49	27.13	28.43	16.71	16.39	16.10
2590.1	25.24	26.73	27.83	16.66	16.24	15.83
2670.1	24.94	26.31	27.26	16.46	15.94	15.51
2740.1	24.58	25.90	26.76	16.42	15.85	15.41
2820.1	24.23	25.38	26.14	16.49	16.10	15.80
2890.1	24.05	25.01	25.62	16.49	16.12	15.94

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+3	+6	+9
4380.1	80.1	40.71	40.03	39.70
4450.1	150.1	38.97	38.76	39.01
4520.1	220.1	38.04	37.68	37.51
4590.1	290.1	37.41	37.19	37.11
4660.1	360.1	38.00	37.37	36.94
4730.1	430.1	37.71	36.88	36.22
4800.1	500.1	38.92	38.20	37.66
4870.1	570.1	38.77	37.74	36.74
4940.1	640.1	39.32	38.41	38.05
5020.1	720.1	39.21	37.81	36.95
5090.1	790.1	38.86	37.32	36.00
5170.1	870.1	38.43	38.13	37.80
5240.1	940.1	38.22	38.73	39.06
5320.1	1020.1	37.76	38.15	39.01
5390.1	1090.1	36.84	37.06	37.54
5470.1	1170.1	35.06	34.94	34.94
5540.1	1240.1	34.02	33.53	33.35
5620.1	1320.1	33.66	33.35	32.97
5690.1	1390.1	33.03	32.70	32.42
5770.1	1470.1	32.98	32.65	32.31
5840.1	1540.1	32.80	32.48	32.20
5920.1	1620.1	32.34	32.07	31.91
5990.1	1690.1	32.62	32.22	32.05
6070.1	1770.1	32.91	32.42	32.12
6140.1	1840.1	32.76	32.30	31.98
6220.1	1920.1	33.68	33.44	33.34
6290.1	1990.1	34.15	34.30	34.31
6370.1	2070.1	33.75	34.21	34.49
6440.1	2140.1	33.33	33.50	33.88
6520.1	2220.1	32.42	32.48	32.79
6590.1	2290.1	31.70	31.61	31.98
6670.1	2370.1	31.73	31.63	31.89
6740.1	2440.1	31.49	31.41	31.64
6820.1	2520.1	31.66	31.84	32.30
6890.1	2590.1	31.78	31.86	32.18
6970.1	2670.1	32.02	32.16	32.62
7040.1	2740.1	32.34	32.72	33.07
7120.1	2820.1	32.80	33.30	34.11
7190.1	2890.1	32.80	33.58	34.39

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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=1400MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+3	+6	+9		+3	+6	+9		+3	+6	+9
4380.1	80.1	2.23	2.47	2.67	80.1	1.35	2.15	3.42	2580.1	2.71	3.10	3.52
4450.1	150.1	2.20	2.46	2.66	150.1	1.37	2.08	3.07	2760.1	2.25	2.86	3.41
4520.1	220.1	2.22	2.46	2.65	220.1	1.39	2.01	2.91	2940.1	1.93	2.56	3.01
4590.1	290.1	2.21	2.41	2.57	290.1	1.38	1.91	2.69	3120.1	1.64	2.08	2.31
4660.1	360.1	2.15	2.34	2.48	360.1	1.42	1.93	2.71	3300.1	1.41	1.60	1.67
4730.1	430.1	2.08	2.24	2.35	430.1	1.47	1.92	2.66	3480.1	1.27	1.35	1.41
4800.1	500.1	2.03	2.14	2.22	500.1	1.46	1.85	2.55	3660.1	1.29	1.37	1.48
4870.1	570.1	1.96	2.03	2.07	570.1	1.47	1.81	2.47	3840.1	1.38	1.43	1.54
4940.1	640.1	1.88	1.89	1.90	640.1	1.51	1.81	2.45	4020.1	1.54	1.49	1.54
5020.1	720.1	1.83	1.79	1.78	720.1	1.49	1.73	2.36	4200.1	1.82	1.66	1.61
5090.1	790.1	1.76	1.68	1.65	790.1	1.51	1.67	2.26	4380.1	2.17	1.88	1.74
5170.1	870.1	1.64	1.55	1.50	870.1	1.57	1.64	2.18	4560.1	2.50	2.11	1.89
5240.1	940.1	1.51	1.41	1.36	940.1	1.61	1.61	2.12	4740.1	2.78	2.30	2.02
5320.1	1020.1	1.40	1.30	1.25	1020.1	1.73	1.61	2.04	4900.1	2.86	2.34	2.05
5390.1	1090.1	1.33	1.22	1.17	1090.1	1.80	1.58	1.95	5080.1	3.03	2.48	2.23
5470.1	1170.1	1.25	1.14	1.09	1170.1	1.86	1.54	1.87	5240.1	3.24	2.75	2.58
5540.1	1240.1	1.19	1.10	1.05	1240.1	1.96	1.53	1.79	5420.1	3.60	3.24	3.17
5620.1	1320.1	1.18	1.09	1.07	1320.1	2.05	1.51	1.68	5580.1	3.90	3.61	3.56
5690.1	1390.1	1.14	1.08	1.08	1390.1	2.12	1.50	1.60	5760.1	4.13	3.83	3.72
5770.1	1470.1	1.09	1.08	1.12	1470.1	2.22	1.51	1.52	5920.1	3.94	3.62	3.47
5840.1	1540.1	1.03	1.11	1.17	1540.1	2.33	1.50	1.45	6100.1	3.48	3.15	2.97
5920.1	1620.1	1.05	1.15	1.21	1620.1	2.36	1.48	1.35	6260.1	3.06	2.75	2.56
5990.1	1690.1	1.15	1.24	1.30	1690.1	2.34	1.45	1.27	6440.1	2.60	2.32	2.14
6070.1	1770.1	1.25	1.33	1.38	1770.1	2.39	1.44	1.18	6600.1	2.36	2.09	1.93
6140.1	1840.1	1.36	1.46	1.51	1840.1	2.48	1.44	1.11	6780.1	2.03	1.80	1.67
6220.1	1920.1	1.55	1.66	1.71	1920.1	2.51	1.45	1.06	6940.1	1.88	1.67	1.55
6290.1	1990.1	1.72	1.83	1.87	1990.1	2.44	1.44	1.08	7120.1	1.68	1.49	1.39
6370.1	2070.1	1.93	2.06	2.13	2070.1	2.41	1.44	1.14	7280.1	1.52	1.35	1.27
6440.1	2140.1	2.12	2.28	2.37	2140.1	2.48	1.47	1.20	7460.1	1.40	1.24	1.15
6520.1	2220.1	2.35	2.51	2.62	2220.1	2.47	1.48	1.29	7620.1	1.35	1.23	1.17
6590.1	2290.1	2.54	2.68	2.81	2290.1	2.32	1.47	1.36	7800.1	1.53	1.42	1.36
6670.1	2370.1	2.77	2.88	2.97	2370.1	2.23	1.47	1.43	7960.1	1.76	1.64	1.57
6740.1	2440.1	2.92	3.00	3.06	2440.1	2.26	1.49	1.49	8140.1	2.05	1.92	1.85
6820.1	2520.1	3.16	3.21	3.27	2520.1	2.19	1.51	1.58	8300.1	2.31	2.20	2.15
6890.1	2590.1	3.35	3.40	3.43	2590.1	2.07	1.52	1.66	8480.1	2.63	2.57	2.54
6970.1	2670.1	3.52	3.60	3.62	2670.1	2.02	1.57	1.74	8640.1	2.86	2.81	2.81
7040.1	2740.1	3.67	3.76	3.78	2740.1	2.05	1.64	1.82	8820.1	3.05	3.00	3.01
7120.1	2820.1	3.86	3.96	3.98	2820.1	2.07	1.71	1.92	8980.1	3.27	3.20	3.21
7190.1	2890.1	3.86	3.97	3.98	2890.1	2.02	1.76	2.01	9160.1	3.58	3.51	3.49

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	9.54	-19.96	-5.99	-22.97	-10.07	-30.28	-19.62	-30.19	-28.10	-52.07
1	---	-23.16	---	-41.10	-16.44	-54.42	-24.64	-48.74	-26.60	-50.34	-29.70	-62.88
2	-100.89	-65.78	-41.53	-61.88	-42.44	-57.26	-42.99	-61.04	-49.70	-77.73	-48.96	-61.40
3	-97.47	-87.64	-64.58	-83.80	-69.55	-86.86	-62.89	-76.05	-57.28	-72.62	-54.84	-74.06
4	-96.93	-88.26	-90.65	-92.01	-90.90	-91.87	-92.15	-88.91	-88.87	-91.96	-79.18	-97.34
5	-94.79	-62.00	-61.97	-87.81	-90.68	-91.43	-89.84	-91.41	-89.05	-90.73	-93.21	-91.44
6	-96.25	-62.06	-61.90	-62.26	-62.12	-61.88	-62.18	-88.71	-88.80	-89.56	-89.39	-93.47
7	-95.81	-62.03	-62.14	-62.05	-62.30	-62.12	-62.26	-62.17	-61.49	-61.84	-61.59	-87.19
8	-94.79	-61.96	-61.81	-62.05	-62.18	-62.30	-62.07	-61.98	-61.68	-61.80	-61.36	-61.62
9	-94.44	-62.06	-62.21	-61.90	-62.37	-62.10	-62.43	-61.81	-61.46	-61.53	-61.41	-61.68
10	-94.27	-61.91	-62.03	-61.91	-61.89	-61.92	-62.45	-61.90	-61.44	-61.54	-61.47	-61.63
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions:

RF IN: 0 MHz; -14 dBm.
 LO IN: 0 MHz; +6 dBm
 IF OUT: 0 MHz; -20.47 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	-0.82	-28.43	-19.51	-35.59	-20.12	-39.81	-30.48	-41.23	-43.42	-51.09
1	---	-23.10	---	-44.58	-16.91	-57.86	-24.05	-56.73	-33.03	-67.15	-33.56	-56.96
2	-92.07	-55.04	-30.85	-53.38	-32.40	-50.03	-35.70	-58.37	-40.01	-70.44	-40.67	-61.68
3	-107.57	-72.10	-42.94	-64.78	-48.00	-70.19	-44.10	-57.48	-40.63	-61.88	-42.00	-69.70
4	-105.75	-83.87	-75.05	-84.59	-59.06	-90.48	-70.37	-63.15	-61.86	-70.15	-54.54	-67.08
5	-104.18	-77.76	-77.62	-93.74	-84.91	-87.59	-76.29	-83.56	-64.87	-82.04	-60.64	-68.50
6	-104.37	-77.36	-77.21	-77.48	-77.34	-77.95	-77.32	-95.19	-88.37	-89.12	-76.61	-82.92
7	-105.18	-77.49	-77.29	-77.79	-77.51	-77.41	-77.55	-77.49	-77.21	-77.52	-77.82	-97.71
8	-105.37	-77.56	-77.79	-77.81	-77.59	-77.43	-77.39	-77.76	-77.89	-78.01	-77.60	-77.76
9	-105.13	-77.43	-77.28	-77.98	-77.28	-77.32	-77.63	-77.66	-77.60	-77.45	-78.04	-77.64
10	-104.76	-77.64	-77.49	-77.44	-77.64	-77.38	-77.39	-77.52	-78.07	-77.56	-77.52	-77.28
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 0 MHz; -4 dBm.
 LO IN: 0 MHz; +6 dBm
 IF OUT: 0 MHz; -10.58 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.