

Frequency Mixer

SIM-ED12399/5D

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=1400MHz (dB)		
		@LO (dBm)		
		+19	+21	+23
1500.1	2900.1	8.55	8.21	7.94
1640.1	3040.1	7.77	7.51	7.29
1780.1	3180.1	7.48	7.25	7.05
1920.1	3320.1	7.34	7.05	6.87
2060.1	3460.1	7.37	7.08	6.91
2200.1	3600.1	6.76	6.63	6.61
2340.1	3740.1	7.05	6.98	6.97
2480.1	3880.1	7.04	6.98	6.98
2620.1	4020.1	7.23	7.17	7.14
2760.1	4160.1	7.33	7.29	7.29
2900.1	4300.1	7.51	7.50	7.53
3040.1	4440.1	7.74	7.60	7.56
3180.1	4580.1	7.81	7.62	7.50
3320.1	4720.1	8.08	7.88	7.70
3460.1	4860.1	8.19	7.91	7.90
3600.1	5000.1	8.57	8.21	8.13
3740.1	5140.1	8.28	7.91	7.78
3880.1	5280.1	8.36	7.93	7.74
4040.1	5440.1	9.13	8.37	7.94
4180.1	5580.1	9.62	8.80	8.24
4340.1	5740.1	9.65	8.84	8.22
4480.1	5880.1	9.37	8.67	8.06
4640.1	6040.1	8.89	8.33	7.85
4780.1	6180.1	8.48	8.03	7.67
4940.1	6340.1	8.11	7.80	7.57
5080.1	6480.1	7.60	7.38	7.26
5240.1	6640.1	7.33	7.13	7.00
5380.1	6780.1	7.08	6.91	6.82
5540.1	6940.1	7.04	6.86	6.78
5680.1	7080.1	6.99	6.74	6.61
5840.1	7240.1	7.39	7.06	6.86
5980.1	7380.1	7.56	7.21	7.02
6140.1	7540.1	7.79	7.30	7.14
6280.1	7680.1	8.14	7.48	7.17
6440.1	7840.1	9.01	7.71	7.21
6580.1	7980.1	9.85	8.30	7.49
6740.1	8140.1	10.73	9.67	8.72
6880.1	8280.1	11.90	10.85	9.84
7040.1	8440.1	13.64	11.88	11.22
7180.1	8580.1	12.91	13.38	12.73

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+19	+21	+23
1500.1	2900.1	22.19	22.20	22.94
1640.1	3040.1	18.74	19.35	19.92
1780.1	3180.1	18.25	19.09	19.84
1920.1	3320.1	18.44	19.56	20.39
2060.1	3460.1	20.56	21.53	21.64
2200.1	3600.1	23.94	23.21	22.52
2340.1	3740.1	26.08	25.25	24.07
2480.1	3880.1	26.75	26.50	25.58
2620.1	4020.1	28.03	28.91	28.56
2760.1	4160.1	26.75	27.42	26.37
2900.1	4300.1	24.78	24.72	24.37
3040.1	4440.1	27.58	27.69	26.64
3180.1	4580.1	25.35	26.10	26.30
3320.1	4720.1	24.33	25.43	25.85
3460.1	4860.1	23.97	25.46	25.77
3600.1	5000.1	24.14	25.44	26.35
3740.1	5140.1	23.05	24.51	25.20
3880.1	5280.1	22.76	25.08	26.74
4040.1	5440.1	24.00	23.28	24.79
4180.1	5580.1	23.97	22.59	22.88
4340.1	5740.1	22.97	23.36	22.80
4480.1	5880.1	22.61	23.40	22.57
4640.1	6040.1	23.62	24.68	24.03
4780.1	6180.1	23.98	24.99	25.15
4940.1	6340.1	24.99	25.46	25.43
5080.1	6480.1	25.53	25.37	24.94
5240.1	6640.1	26.00	25.68	24.18
5380.1	6780.1	24.59	24.08	21.95
5540.1	6940.1	23.62	23.25	22.51
5680.1	7080.1	22.61	23.09	24.09
5840.1	7240.1	25.56	25.84	25.01
5980.1	7380.1	25.31	26.89	25.80
6140.1	7540.1	23.70	27.85	27.71
6280.1	7680.1	22.05	26.49	26.92
6440.1	7840.1	21.40	23.55	25.87
6580.1	7980.1	17.52	24.59	23.81
6740.1	8140.1	14.85	20.01	24.37
6880.1	8280.1	13.35	19.47	23.12
7040.1	8440.1	14.55	22.27	23.39
7180.1	8580.1	14.33	21.47	16.20

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+15dBm (dB)		
		@LO (dBm)		
		+19	+21	+23
1500.1	2900.1	3.80	3.79	3.71
1640.1	3040.1	2.14	2.03	2.04
1780.1	3180.1	1.68	1.61	1.53
1920.1	3320.1	1.76	1.73	1.65
2060.1	3460.1	1.50	1.46	1.39
2200.1	3600.1	1.49	1.36	1.31
2340.1	3740.1	1.01	0.92	0.89
2480.1	3880.1	0.83	0.73	0.68
2620.1	4020.1	0.82	0.69	0.61
2760.1	4160.1	0.82	0.68	0.60
2900.1	4300.1	0.79	0.61	0.55
3040.1	4440.1	0.71	0.58	0.48
3180.1	4580.1	0.65	0.55	0.46
3320.1	4720.1	0.59	0.44	0.33
3460.1	4860.1	0.60	0.43	0.27
3600.1	5000.1	0.60	0.48	0.30
3740.1	5140.1	0.58	0.45	0.29
3880.1	5280.1	0.44	0.33	0.21
4040.1	5440.1	0.22	0.40	0.33
4180.1	5580.1	0.05	0.28	0.32
4340.1	5740.1	0.05	0.35	0.55
4480.1	5880.1	-0.06	0.19	0.48
4640.1	6040.1	0.13	0.28	0.52
4780.1	6180.1	0.13	0.18	0.38
4940.1	6340.1	0.29	0.23	0.32
5080.1	6480.1	0.54	0.52	0.61
5240.1	6640.1	0.46	0.47	0.58
5380.1	6780.1	0.56	0.46	0.46
5540.1	6940.1	0.62	0.39	0.33
5680.1	7080.1	1.07	0.60	0.43
5840.1	7240.1	1.20	0.78	0.63
5980.1	7380.1	1.29	0.83	0.67
6140.1	7540.1	1.43	0.85	0.64
6280.1	7680.1	1.43	1.06	0.72
6440.1	7840.1	1.07	1.23	1.00
6580.1	7980.1	0.54	0.92	1.04
6740.1	8140.1	0.48	0.28	0.90
6880.1	8280.1	0.99	0.56	0.96
7040.1	8440.1	0.48	0.71	0.28
7180.1	8580.1	2.02	-0.19	-0.61

REV. X2

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4450.1001MHz (dB)
		@LO (dBm)
		+21
2690.0	1760.1	15.71
2556.0	1894.1	8.59
2422.0	2028.1	7.49
2288.0	2162.1	6.90
2154.0	2296.1	6.63
2020.0	2430.1	6.55
1886.0	2564.1	6.74
1752.0	2698.1	7.08
1618.0	2832.1	7.36
1484.0	2966.1	8.09
1350.0	3100.1	8.23
1216.0	3234.1	8.00
1082.0	3368.1	7.75
948.0	3502.1	7.15
814.0	3636.1	6.78
680.0	3770.1	6.58
546.0	3904.1	6.12
412.0	4038.1	5.93
278.0	4172.1	5.95
144.0	4306.1	5.92
10.0	4440.1	6.02
173.6	4623.7	5.69
360.6	4810.7	5.88
571.0	5021.1	6.70
758.0	5208.1	7.10
968.4	5418.5	7.53
1155.4	5605.5	8.42
1365.8	5815.9	8.74
1552.7	6002.8	8.79
1763.1	6213.2	9.04
1950.1	6400.2	8.97
2160.5	6610.6	8.86
2347.5	6797.6	8.71
2557.9	7008.0	8.29
2744.9	7195.0	8.21
2955.3	7405.4	8.31
3142.3	7592.4	8.57
3352.6	7802.7	9.06
3539.6	7989.7	9.79
3750.0	8200.1	12.70

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2900.1001MHz (dB)
		@LO (dBm)
		+21
10.0	2910.1	6.22
110.0	3010.1	5.84
210.0	3110.1	5.66
310.0	3210.1	5.60
410.0	3310.1	5.65
510.0	3410.1	5.64
610.0	3510.1	5.75
710.0	3610.1	5.73
810.0	3710.1	5.98
910.0	3810.1	6.30
1010.0	3910.1	6.76
1110.0	4010.1	7.36
1210.0	4110.1	7.35
1310.0	4210.1	7.50
1410.0	4310.1	7.50
1510.0	4410.1	7.42
1610.0	4510.1	7.46
1710.0	4610.1	7.56
1810.0	4710.1	7.73
1910.0	4810.1	7.71
2010.0	4910.1	7.91
2110.0	5010.1	7.73
2210.0	5110.1	7.72
2310.0	5210.1	7.91
2410.0	5310.1	7.84
2510.0	5410.1	7.96
2610.0	5510.1	8.15
2710.0	5610.1	8.35
2810.0	5710.1	8.42
2910.0	5810.1	8.39
3010.0	5910.1	8.29
3110.0	6010.1	8.00
3210.0	6110.1	7.95
3310.0	6210.1	8.04
3410.0	6310.1	8.33
3510.0	6410.1	8.90
3630.0	6530.1	9.78
3730.0	6630.1	10.80
3850.0	6750.1	12.05
3950.0	6850.1	13.15

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=6000.1001MHz (dB)
		@LO (dBm)
		+21
4050.0	1950.1	12.96
3950.0	2050.1	11.95
3850.0	2150.1	11.32
3750.0	2250.1	10.94
3650.0	2350.1	10.96
3550.0	2450.1	10.98
3450.0	2550.1	10.97
3350.0	2650.1	10.66
3250.0	2750.1	9.83
3150.0	2850.1	8.60
3050.0	2950.1	7.48
2950.0	3050.1	6.99
2850.0	3150.1	6.86
2750.0	3250.1	6.99
2650.0	3350.1	7.03
2550.0	3450.1	7.02
2450.0	3550.1	7.13
2350.0	3650.1	7.50
2250.0	3750.1	8.21
2150.0	3850.1	8.19
2050.0	3950.1	8.08
1950.0	4050.1	7.76
1850.0	4150.1	7.44
1750.0	4250.1	7.24
1650.0	4350.1	7.38
1550.0	4450.1	7.74
1430.0	4570.1	7.85
1330.0	4670.1	7.87
1210.0	4790.1	7.56
1110.0	4890.1	7.06
990.0	5010.1	6.64
890.0	5110.1	6.40
770.0	5230.1	5.97
670.0	5330.1	5.93
550.0	5450.1	5.83
450.0	5550.1	5.82
330.0	5670.1	5.80
230.0	5770.1	5.73
110.0	5890.1	5.79
10.0	5990.1	5.99

Frequency Mixer

SIM-ED12399/5D

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+19	+21	+23	+19	+21	+23
2900.1	33.67	32.79	32.44	22.45	22.64	22.42
3040.1	32.08	31.35	30.67	23.08	23.22	22.86
3180.1	30.77	30.35	29.88	23.76	23.37	22.52
3320.1	31.69	31.03	30.20	23.45	22.78	21.86
3460.1	31.86	31.12	30.50	24.04	23.24	22.43
3600.1	32.11	31.45	31.90	23.96	23.03	22.43
3740.1	32.09	31.69	31.73	24.16	23.31	22.83
3880.1	32.35	31.89	32.29	24.86	24.08	23.45
4020.1	32.10	31.73	31.80	26.12	25.70	25.27
4160.1	30.83	30.74	30.52	29.36	29.13	28.47
4300.1	30.44	27.71	25.39	33.18	32.30	31.65
4440.1	31.81	30.47	26.42	30.09	29.85	30.32
4580.1	30.70	30.42	27.96	23.84	23.24	22.63
4720.1	30.05	29.63	28.02	19.62	19.01	18.50
4860.1	29.60	28.74	26.95	17.26	16.59	16.22
5000.1	29.03	28.43	27.41	16.36	15.81	15.56
5140.1	28.59	28.19	27.21	16.24	15.99	15.64
5280.1	28.25	28.09	27.31	16.50	16.38	16.07
5440.1	27.65	26.94	25.77	17.20	16.89	16.75
5580.1	26.89	26.38	25.85	17.84	17.76	17.70
5740.1	26.34	25.53	24.93	18.89	18.74	18.74
5880.1	25.63	24.75	24.11	19.89	19.83	19.91
6040.1	24.67	23.97	23.40	21.15	21.27	21.39
6180.1	23.91	23.02	22.51	22.76	23.05	23.39
6340.1	23.06	22.56	21.94	25.49	26.50	27.25
6480.1	23.15	22.78	22.30	28.56	30.42	32.19
6640.1	23.42	23.24	22.98	30.95	32.93	34.88
6780.1	23.22	23.39	23.09	33.05	35.02	36.58
6940.1	23.02	23.37	23.19	29.66	30.18	30.37
7080.1	22.89	23.26	23.59	24.74	24.62	24.72
7240.1	23.03	23.46	23.53	21.63	21.76	21.73
7380.1	23.09	23.46	23.31	19.21	19.44	19.25
7540.1	24.07	24.33	23.98	17.53	17.76	18.31
7680.1	24.89	25.53	25.43	16.05	16.46	16.87
7840.1	26.00	26.53	26.72	15.08	15.13	15.44
7980.1	26.79	26.81	26.69	13.17	12.84	13.25
8140.1	27.78	26.45	25.47	11.02	10.23	10.21
8280.1	26.12	25.28	23.66	9.27	9.05	9.15
8440.1	20.75	20.74	21.18	8.01	8.46	8.70
8580.1	18.70	19.07	19.75	7.79	8.41	8.59

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+19	+21	+23
1500.1	2900.1	14.36	14.22	14.18
1640.1	3040.1	16.37	16.33	16.29
1780.1	3180.1	19.15	19.09	18.89
1920.1	3320.1	21.80	21.63	21.28
2060.1	3460.1	23.49	23.10	22.67
2200.1	3600.1	23.77	23.60	23.04
2340.1	3740.1	21.67	21.56	21.64
2480.1	3880.1	19.64	19.48	19.58
2620.1	4020.1	18.06	17.87	17.82
2760.1	4160.1	16.93	16.76	16.93
2900.1	4300.1	15.84	15.93	16.15
3040.1	4440.1	15.44	15.26	15.35
3180.1	4580.1	15.68	15.48	15.33
3320.1	4720.1	15.86	15.60	15.38
3460.1	4860.1	16.18	15.80	15.46
3600.1	5000.1	17.71	17.32	16.69
3740.1	5140.1	18.02	17.57	17.07
3880.1	5280.1	17.17	16.82	16.54
4040.1	5440.1	19.36	18.64	18.03
4180.1	5580.1	20.76	20.03	19.47
4340.1	5740.1	21.76	21.13	20.58
4480.1	5880.1	22.76	22.30	21.81
4640.1	6040.1	26.00	25.73	25.45
4780.1	6180.1	32.27	32.20	32.14
4940.1	6340.1	27.25	26.94	26.75
5080.1	6480.1	22.74	22.46	22.25
5240.1	6640.1	20.81	20.58	20.39
5380.1	6780.1	19.76	19.57	19.35
5540.1	6940.1	18.99	18.81	18.51
5680.1	7080.1	18.89	18.70	18.51
5840.1	7240.1	20.19	20.12	19.95
5980.1	7380.1	21.05	21.13	20.95
6140.1	7540.1	21.67	21.87	21.85
6280.1	7680.1	22.90	23.65	24.00
6440.1	7840.1	24.22	26.03	27.35
6580.1	7980.1	27.24	27.54	28.24
6740.1	8140.1	28.25	26.84	25.37
6880.1	8280.1	40.76	36.15	34.13
7040.1	8440.1	27.40	35.48	44.82
7180.1	8580.1	22.31	24.34	27.55

Frequency Mixer

SIM-ED12399/5D

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)		
		@LO (dBm)		
		+19	+21	+23
1500.1	2900.1	1.70	1.62	1.55
1640.1	3040.1	1.21	1.14	1.08
1780.1	3180.1	1.32	1.32	1.33
1920.1	3320.1	1.60	1.61	1.64
2060.1	3460.1	1.74	1.76	1.77
2200.1	3600.1	1.88	1.89	1.90
2340.1	3740.1	1.86	1.87	1.88
2480.1	3880.1	1.81	1.81	1.82
2620.1	4020.1	1.72	1.71	1.70
2760.1	4160.1	1.68	1.66	1.65
2900.1	4300.1	1.66	1.60	1.57
3040.1	4440.1	1.72	1.65	1.58
3180.1	4580.1	1.85	1.77	1.70
3320.1	4720.1	1.85	1.75	1.68
3460.1	4860.1	2.00	1.86	1.82
3600.1	5000.1	2.22	2.07	2.07
3740.1	5140.1	2.16	2.01	1.98
3880.1	5280.1	1.94	1.77	1.69
4040.1	5440.1	2.41	2.10	1.97
4180.1	5580.1	2.68	2.34	2.10
4340.1	5740.1	2.90	2.54	2.27
4480.1	5880.1	2.73	2.46	2.22
4640.1	6040.1	2.68	2.48	2.25
4780.1	6180.1	2.53	2.38	2.24
4940.1	6340.1	2.38	2.28	2.18
5080.1	6480.1	2.16	2.09	2.04
5240.1	6640.1	1.98	1.90	1.83
5380.1	6780.1	1.87	1.80	1.74
5540.1	6940.1	1.65	1.57	1.52
5680.1	7080.1	1.65	1.54	1.48
5840.1	7240.1	1.66	1.55	1.45
5980.1	7380.1	1.76	1.65	1.56
6140.1	7540.1	1.69	1.56	1.52
6280.1	7680.1	1.72	1.56	1.49
6440.1	7840.1	1.90	1.61	1.51
6580.1	7980.1	2.01	1.62	1.50
6740.1	8140.1	2.18	1.86	1.69
6880.1	8280.1	2.44	2.30	2.23
7040.1	8440.1	2.72	3.03	3.21
7180.1	8580.1	3.07	3.11	3.34

LO (MHz)	LO VSWR (:1)		
	@LO (dBm)		
	+19	+21	+23
2900.1	2.10	2.46	2.90
3040.1	2.01	2.33	2.68
3180.1	2.03	2.39	2.80
3320.1	2.03	2.36	2.74
3460.1	2.07	2.39	2.74
3600.1	2.02	2.38	2.83
3740.1	1.94	2.28	2.62
3880.1	2.03	2.48	2.98
4020.1	1.98	2.38	2.78
4160.1	2.13	2.62	3.19
4300.1	2.21	2.71	3.13
4440.1	2.32	2.79	3.29
4580.1	2.41	2.88	3.41
4720.1	2.50	2.89	3.31
4860.1	2.69	3.09	3.62
5000.1	2.61	2.91	3.24
5140.1	2.94	3.21	3.53
5280.1	3.19	3.34	3.61
5440.1	3.23	3.30	3.50
5580.1	3.34	3.34	3.45
5740.1	3.12	3.03	3.06
5880.1	2.92	2.79	2.78
6040.1	2.60	2.40	2.37
6180.1	2.21	1.98	1.91
6340.1	1.83	1.59	1.52
6480.1	1.52	1.26	1.20
6640.1	1.21	1.04	1.23
6780.1	1.02	1.22	1.45
6940.1	1.29	1.55	1.83
7080.1	1.67	1.89	2.17
7240.1	2.19	2.42	2.68
7380.1	2.66	2.84	3.08
7540.1	3.25	3.29	3.42
7680.1	3.93	3.81	3.87
7840.1	4.93	4.43	4.30
7980.1	5.41	4.73	4.42
8140.1	5.38	4.83	4.52
8280.1	4.77	4.36	4.18
8440.1	3.60	3.69	3.68
8580.1	2.82	3.05	3.20

IF (OUT) (MHz)	IF VSWR @LO=7500MHz (:1)		
	@LO (dBm)		
	+19	+21	+23
10.1	1.17	1.04	1.07
90.1	1.20	1.11	1.12
170.1	1.28	1.20	1.19
270.1	1.40	1.32	1.29
350.1	1.55	1.44	1.39
450.1	1.73	1.62	1.56
530.1	1.90	1.78	1.70
630.1	2.10	1.96	1.87
710.1	2.21	2.07	1.97
810.1	2.39	2.24	2.12
890.1	2.50	2.33	2.20
990.1	2.59	2.41	2.27
1070.1	2.66	2.47	2.32
1170.1	2.68	2.48	2.32
1250.1	2.76	2.53	2.36
1350.1	2.87	2.62	2.43
1430.1	3.04	2.76	2.56
1530.1	3.08	2.79	2.57
1610.1	3.19	2.89	2.67
1710.1	3.26	2.95	2.72
1790.1	3.35	3.04	2.82
1890.1	3.43	3.12	2.89
1970.1	3.45	3.14	2.90
2070.1	3.45	3.15	2.92
2150.1	3.33	3.04	2.82
2250.1	3.22	2.95	2.75
2330.1	3.04	2.80	2.60
2430.1	2.89	2.68	2.52
2510.1	2.84	2.64	2.48
2610.1	2.73	2.57	2.44
2690.1	2.72	2.57	2.44
2790.1	2.69	2.58	2.48
2870.1	2.59	2.50	2.42
2970.1	2.62	2.57	2.52
3050.1	2.62	2.60	2.58
3150.1	2.67	2.71	2.73
3230.1	2.81	2.89	2.97
3330.1	2.90	3.06	3.19
3410.1	3.04	3.25	3.42
3510.1	3.24	3.50	3.72

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+10	18	13	44	---	---	---	---	---	---
1	-	13	+0	29	18	31	---	---	---	---	---	---
2	73	54	52	48	39	54	60	---	---	---	---	---
3	>90	57	54	60	63	63	80	79	---	---	---	---
4	>90	>81	>81	>81	80	>81	>81	>81	>81	---	---	---
5	>90	>81	>81	>81	>81	>81	>81	>81	>81	---	---	---
6	---	---	>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	>81	>81
9	---	---	---	---	>81	>81	>81	>81	>81	>81	>81	>81
10	---	---	---	---	---	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 4450.1 MHz; 0.00 dBm.
LO IN: 5850.1 MHz; +21.00 dBm
IF OUT: 1400 MHz; -8.71 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	29	25	54	---	---	---	---	---	---
1	-	13	+0	26	18	34	---	---	---	---	---	---
2	54	42	44	38	31	47	52	---	---	---	---	---
3	73	36	33	41	46	42	60	62	---	---	---	---
4	87	66	69	58	50	66	63	60	68	---	---	---
5	84	68	66	66	73	60	53	60	64	---	---	---
6	---	---	91	79	73	73	74	71	79	86	---	---
7	---	---	---	82	78	72	91	74	78	80	>91	---
8	---	---	---	>91	85	90	81	76	>91	86	>91	83
9	---	---	---	---	91	90	>91	>91	80	82	89	>91
10	---	---	---	---	---	>91	>91	86	91	91	85	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 4450.1 MHz; 10.00 dBm.
LO IN: 5850.1 MHz; +21.00 dBm
IF OUT: 1400 MHz; 1.3 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.