Frequency Mixer ZMX-7GR

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB) @LO (dBm)		
		+4	+7	+10
1500.1	1530.1	12.97	12.09	11.09
1712.6	1742.6	9.26	8.70	8.44
1925.1	1955.1	7.73	7.40	7.25
2137.6	2167.6	6.91	6.64	6.53
2350.1	2380.1	6.19	5.96	5.83
2562.6	2592.6	5.73	5.50	5.34
2775.1	2805.1	5.38	5.17	5.01
2987.6	3017.6	5.09	4.85	4.67
3200.1	3230.1	4.85	4.65	4.52
3412.6	3442.6	4.76	4.60	4.51
3625.1	3655.1	4.84	4.66	4.58
3837.6	3867.6	5.02	4.85	4.80
4050.1	4080.1	5.11	4.96	4.93
4262.6	4292.6	5.28	5.15	5.13
4475.1	4505.1	5.53	5.44	5.44
4687.6	4717.6	5.78	5.70	5.71
4900.1	4930.1	5.94	5.89	5.91
5112.6	5142.6	5.85	5.82	5.85
5325.1	5355.1	5.62	5.56	5.57
5537.6	5567.6	6.44	6.11	5.94
5750.1	5780.1	7.06	6.57	6.28
5983.9	6013.9	7.20	6.83	6.63
6196.4	6226.4	7.00	6.74	6.61
6430.1	6460.1	6.87	6.63	6.52
6642.6	6672.6	6.71	6.49	6.41
6876.4	6906.4	6.80	6.56	6.47
7088.9	7118.9	6.77	6.53	6.39
7322.6	7352.6	6.64	6.40	6.24
7535.1	7565.1	6.65	6.40	6.24
7768.9	7798.9	6.34	6.09	5.97
7981.4	8011.4	5.99	5.79	5.71
8215.1	8245.1	5.84	5.66	5.61
8427.6	8457.6	5.79	5.63	5.60
8661.4	8691.4	5.96	5.81	5.76
8873.8	8903.8	6.24	6.13	6.16
9107.6	9137.6	7.02	6.95	7.04
9320.1	9350.1	7.52	7.44	7.56
9553.9	9583.9	8.34	8.29	8.44
9766.3	9796.3	9.48	9.38	9.55
10000.1	10030.1	10.77	10.66	10.85

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm) @LO (dBm)		
		+4	+7	+10
1500.1	1530.1	17.08	17.96	18.45
1712.6	1742.6	10.97	11.79	10.16
1925.1	1955.1	8.21	8.49	6.41
2137.6	2167.6	7.14	8.15	7.28
2350.1	2380.1	7.04	9.47	11.44
2562.6	2592.6	6.98	9.41	11.08
2775.1	2805.1	6.73	8.08	9.47
2987.6	3017.6	5.92	7.12	8.38
3200.1	3230.1	6.65	8.16	9.11
3412.6	3442.6	7.48	9.25	10.44
3625.1	3655.1	8.04	9.96	11.37
3837.6	3867.6	9.01	9.99	11.30
4050.1	4080.1	10.81	11.24	11.43
4262.6	4292.6	11.92	13.07	12.78
4475.1	4505.1	12.16	14.84	15.21
4687.6	4717.6	11.53	15.32	16.77
4900.1	4930.1	12.42	14.43	16.98
5112.6	5142.6	12.25	14.26	16.90
5325.1	5355.1	8.11	12.56	15.72
5537.6	5567.6	10.25	14.25	15.10
5750.1	5780.1	16.98	14.88	13.52
5983.9	6013.9	14.18	13.52	13.34
6196.4	6226.4	14.58	13.44	13.92
6430.1	6460.1	14.96	12.81	12.92
6642.6	6672.6	16.17	13.69	11.97
6876.4	6906.4	15.16	16.72	13.30
7088.9	7118.9	14.73	16.90	16.94
7322.6	7352.6	16.90	17.80	16.79
7535.1	7565.1	15.54	15.48	14.64
7768.9	7798.9	13.25	13.55	12.44
7981.4	8011.4	11.80	12.27	11.59
8215.1	8245.1	11.24	11.83	11.22
8427.6	8457.6	10.48	11.33	10.71
8661.4	8691.4	10.55	11.39	10.70
8873.8	8903.8	10.64	11.76	10.98
9107.6	9137.6	11.43	12.55	11.35
9320.1	9350.1	12.31	13.53	11.85
9553.9	9583.9	12.68	14.03	12.32
9766.3	9796.3	15.12	15.63	13.52
10000.1	10030.1	16.30	17.05	15.24

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+1dBm (dB) @LO (dBm)		
		+4	+7	+10
1500.1	1530.1	-0.25	-0.09	0.04
1712.6	1742.6	0.91	0.66	0.57
1925.1	1955.1	1.32	0.95	0.83
2137.6	2167.6	1.51	1.12	0.97
2350.1	2380.1	1.79	1.38	1.14
2562.6	2592.6	2.03	1.72	1.52
2775.1	2805.1	1.82	1.62	1.49
2987.6	3017.6	1.49	1.32	1.20
3200.1	3230.1	1.45	1.19	1.06
3412.6	3442.6	1.38	1.07	0.93
3625.1	3655.1	1.25	0.96	0.80
3837.6	3867.6	1.14	0.81	0.71
4050.1	4080.1	0.99	0.75	0.60
4262.6	4292.6	0.92	0.64	0.56
4475.1	4505.1	0.77	0.56	0.49
4687.6	4717.6	0.66	0.44	0.39
4900.1	4930.1	0.62	0.37	0.30
5112.6	5142.6	0.66	0.37	0.26
5325.1	5355.1	1.23	0.83	0.52
5537.6	5567.6	1.14	0.83	0.59
5750.1	5780.1	0.82	0.64	0.56
5983.9	6013.9	0.54	0.43	0.43
6196.4	6226.4	0.47	0.38	0.37
6430.1	6460.1	0.48	0.39	0.37
6642.6	6672.6	0.53	0.43	0.39
6876.4	6906.4	0.52	0.42	0.40
7088.9	7118.9	0.52	0.44	0.44
7322.6	7352.6	0.65	0.54	0.55
7535.1	7565.1	0.70	0.63	0.67
7768.9	7798.9	0.83	0.74	0.79
7981.4	8011.4	0.99	0.88	0.92
8215.1	8245.1	1.16	1.00	1.05
8427.6	8457.6	1.17	1.09	1.16
8661.4	8691.4	1.03	0.96	1.05
8873.8	8903.8	0.96	0.88	0.99
9107.6	9137.6	0.63	0.66	0.85
9320.1	9350.1	0.47	0.55	0.75
9553.9	9583.9	0.34	0.42	0.60
9766.3	9796.3	0.24	0.30	0.47
10000.1	10030.1	0.15	0.22	0.36

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=5350MHz (dB) @LO (dBm) +7
1649.9	3700.1	7.25
1569.9	3780.1	7.36
1489.9	3860.1	7.38
1409.9	3940.1	7.34
1329.9	4020.1	7.26
1249.9	4100.1	7.14
1169.9	4180.1	6.97
1089.9	4260.1	6.66
1009.9	4340.1	6.52
929.9	4420.1	6.44
849.9	4500.1	6.16
770.0	4580.0	5.94
690.0	4660.0	5.85
610.0	4740.0	5.70
530.0	4820.0	5.54
450.0	4900.0	5.45
370.0	4980.0	5.38
290.0	5060.0	5.32
210.0	5140.0	5.32
130.0	5220.0	5.39
50.0	5300.0	5.57
30.0	5380.0	5.52
110.0	5460.0	5.48
210.0	5560.0	5.57
290.0	5640.0	5.66
390.0	5740.0	5.85
470.0	5820.0	5.98
570.0	5920.0	6.19
650.0	6000.0	6.37
750.0	6100.0	6.60
830.0	6180.0	6.80
930.1	6280.1	6.97
1010.1	6360.1	7.03
1110.1	6460.1	7.02
1190.1	6540.1	7.08
1290.1	6640.1	7.09
1370.1	6720.1	7.19
1470.1	6820.1	7.35
1550.1	6900.1	7.48
1650.1	7000.1	7.66

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3690MHz (dB) @LO (dBm) +7
10.1	3700.1	4.80
90.1	3780.1	4.58
170.1	3860.1	4.55
250.1	3940.1	4.59
330.1	4020.1	4.67
410.1	4100.1	4.70
490.1	4180.1	4.79
570.1	4260.1	4.90
650.1	4340.1	5.05
730.1	4420.1	5.26
810.1	4500.1	5.39
890.1	4580.1	5.42
970.1	4660.1	5.59
1050.1	4740.1	5.75
1130.1	4820.1	5.59
1210.1	4900.1	5.38
1290.1	4980.1	5.32
1370.1	5060.1	5.49
1450.1	5140.1	5.69
1510.1	5200.1	5.69
1590.1	5280.1	5.93
1650.1	5340.1	5.98
1730.1	5420.1	6.06
1790.1	5480.1	6.08
1870.1	5560.1	6.28
1930.1	5620.1	6.19
2010.1	5700.1	6.43
2070.1	5760.1	6.62
2150.1	5840.1	6.72
2210.1	5900.1	6.86
2290.1	5980.1	7.08
2350.1	6040.1	7.07
2430.1	6120.1	7.20
2490.1	6180.1	7.49
2570.1	6260.1	7.50
2630.1	6320.1	7.64
2710.1	6400.1	7.90
2770.1	6460.1	8.39
2850.1	6540.1	8.89
2910.1	6600.1	9.57

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=7010.1MHz (dB) @LO (dBm) +7
2710.0	4300.1	11.60
2650.0	4360.1	10.76
2590.0	4420.1	9.94
2530.0	4480.1	9.18
2450.0	4560.1	8.45
2390.0	4620.1	8.03
2310.0	4700.1	7.78
2250.0	4760.1	7.83
2170.0	4840.1	8.04
2110.0	4900.1	7.96
2030.0	4980.1	8.12
1970.0	5040.1	8.07
1890.0	5120.1	8.05
1830.0	5180.1	7.92
1750.0	5260.1	7.91
1690.0	5320.1	7.78
1610.0	5400.1	7.60
1550.0	5460.1	7.56
1470.0	5540.1	7.39
1410.0	5600.1	7.20
1330.0	5680.1	7.16
1270.0	5740.1	7.18
1190.0	5820.1	7.06
1130.0	5880.1	7.18
1050.0	5960.1	6.99
990.0	6020.1	6.91
910.0	6100.1	6.74
850.0	6160.1	6.59
770.0	6240.1	6.48
710.0	6300.1	6.53
630.0	6380.1	6.53
570.0	6440.1	6.45
490.0	6520.1	6.45
430.0	6580.1	6.41
350.0	6660.1	6.44
290.0	6720.1	6.38
210.0	6800.1	6.40
150.0	6860.1	6.44
70.0	6940.1	6.38
10.0	7000.1	6.60

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB) @LO (dBm)			LO-IF ISOLATION (dB) @LO (dBm)		
	+4	+7	+10	+4	+7	+10
1530.1	33.65	33.06	32.76	14.60	15.37	15.89
1742.6	55.01	47.28	50.04	14.73	15.26	16.00
1955.1	35.07	33.53	33.04	15.05	15.73	16.11
2167.6	29.99	29.15	28.87	14.86	15.28	15.67
2380.1	27.38	26.98	26.38	14.93	15.22	15.08
2592.6	27.77	26.88	26.23	16.53	16.24	16.02
2805.1	29.02	27.94	26.75	19.36	18.82	18.10
3017.6	31.22	29.63	28.00	22.92	22.00	20.98
3230.1	32.84	30.72	28.70	25.59	24.71	23.74
3442.6	34.99	31.89	30.06	27.25	26.63	26.37
3655.1	36.64	33.30	30.67	28.70	28.94	28.92
3867.6	36.04	32.18	29.97	29.51	30.17	30.72
4080.1	35.63	32.32	29.74	30.20	31.31	32.01
4292.6	35.33	31.86	29.86	30.92	31.91	32.84
4505.1	33.97	31.16	29.19	31.51	32.31	32.81
4717.6	34.75	31.08	29.30	32.48	32.63	32.89
4930.1	35.36	32.25	30.44	33.35	33.14	33.08
5142.6	34.37	32.34	30.96	33.66	33.11	32.83
5355.1	33.50	32.32	31.57	33.49	32.97	32.51
5567.6	35.86	33.46	32.33	34.00	32.80	32.20
5780.1	34.87	33.15	32.04	33.83	32.48	31.79
6013.9	34.51	33.24	32.17	33.37	32.23	31.39
6226.4	34.37	33.62	32.42	32.71	31.94	30.98
6460.1	34.88	34.08	32.90	32.11	31.41	30.57
6672.6	35.89	35.17	34.12	31.45	30.84	30.22
6906.4	36.47	35.91	35.05	30.67	29.97	29.62
7118.9	36.79	37.00	36.37	29.71	29.55	29.37
7352.6	36.48	36.75	35.79	28.82	28.96	28.75
7565.1	36.50	36.39	35.74	28.25	28.36	28.60
7798.9	35.93	36.64	36.94	27.73	28.07	28.51
8011.4	33.96	35.32	35.94	27.87	28.57	29.00
8245.1	31.98	33.57	34.61	29.11	29.83	30.53
8457.6	30.50	32.47	33.75	30.98	31.79	32.29
8691.3	28.95	30.93	32.58	33.29	33.84	34.08
8903.8	27.73	29.62	31.18	35.43	35.41	34.97
9137.6	27.22	29.06	30.77	36.63	35.68	35.18
9350.1	27.00	28.75	30.36	37.12	35.35	34.38
9583.9	26.46	28.17	29.69	36.44	34.74	33.60
9796.3	25.82	27.43	28.90	35.52	33.81	32.63
10030.1	25.21	26.48	27.63	34.23	32.60	31.45

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB) @LO (dBm)		
		+4	+7	+10
1500.1	1530.1	13.00	14.13	15.36
1712.6	1742.6	11.35	12.33	13.03
1925.1	1955.1	10.59	11.20	11.90
2137.6	2167.6	10.57	10.76	11.05
2350.1	2380.1	10.16	9.92	9.93
2562.6	2592.6	9.16	9.07	9.00
2775.1	2805.1	9.33	9.42	9.48
2987.6	3017.6	10.06	10.19	10.30
3200.1	3230.1	11.49	11.51	11.52
3412.6	3442.6	12.94	12.78	12.64
3625.1	3655.1	13.95	13.66	13.43
3837.6	3867.6	14.66	14.06	13.68
4050.1	4080.1	15.07	14.56	14.04
4262.6	4292.6	15.21	14.67	14.26
4475.1	4505.1	15.18	14.71	14.38
4687.6	4717.6	15.32	14.77	14.46
4900.1	4930.1	15.50	15.01	14.68
5112.6	5142.6	16.06	15.50	15.16
5325.1	5355.1	17.08	16.83	16.60
5537.6	5567.6	17.59	17.56	17.50
5750.1	5780.1	17.15	17.14	17.13
5983.9	6013.9	16.84	16.84	16.84
6196.4	6226.4	17.03	16.98	17.04
6430.1	6460.1	17.26	17.27	17.23
6642.6	6672.6	17.49	17.61	17.65
6876.4	6906.4	17.99	18.05	18.09
7088.9	7118.9	18.23	18.44	18.46
7322.6	7352.6	18.63	18.70	18.75
7535.1	7565.1	18.95	19.01	19.20
7768.9	7798.9	19.84	19.86	19.90
7981.4	8011.4	20.78	20.78	21.00
8215.1	8245.1	22.02	22.11	22.18
8427.6	8457.6	23.38	23.54	23.70
8661.4	8691.4	24.84	25.06	25.30
8873.8	8903.8	26.42	26.68	27.08
9107.6	9137.6	28.83	29.10	29.53
9320.1	9350.1	31.24	31.59	31.98
9553.9	9583.9	33.56	33.67	33.73
9766.3	9796.3	34.01	33.89	33.73
10000.1	10030.1	33.08	32.96	32.76

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1) @LO (dBm)		
		+4	+7	+10
1500.1	1530.1	11.69	11.38	11.24
1712.6	1742.6	6.46	6.21	6.01
1925.1	1955.1	4.01	3.82	3.62
2137.6	2167.6	2.80	2.62	2.45
2350.1	2380.1	1.97	1.82	1.71
2562.6	2592.6	1.45	1.33	1.28
2775.1	2805.1	1.18	1.10	1.11
2987.6	3017.6	1.04	1.06	1.16
3200.1	3230.1	1.15	1.24	1.31
3412.6	3442.6	1.33	1.41	1.49
3625.1	3655.1	1.53	1.61	1.69
3837.6	3867.6	1.75	1.84	1.92
4050.1	4080.1	1.97	2.04	2.14
4262.6	4292.6	2.20	2.28	2.35
4475.1	4505.1	2.40	2.46	2.53
4687.6	4717.6	2.51	2.54	2.60
4900.1	4930.1	2.50	2.51	2.57
5112.6	5142.6	2.38	2.33	2.36
5325.1	5355.1	2.01	1.80	1.67
5537.6	5567.6	2.96	2.63	2.40
5750.1	5780.1	3.99	3.56	3.24
5983.9	6013.9	3.87	3.54	3.30
6196.4	6226.4	3.57	3.30	3.08
6430.1	6460.1	3.40	3.13	2.86
6642.6	6672.6	3.26	3.01	2.73
6876.4	6906.4	2.93	2.70	2.47
7088.9	7118.9	2.77	2.58	2.38
7322.6	7352.6	2.77	2.60	2.42
7535.1	7565.1	2.63	2.47	2.33
7768.9	7798.9	2.48	2.29	2.15
7981.4	8011.4	2.15	1.97	1.85
8215.1	8245.1	1.74	1.62	1.54
8427.6	8457.6	1.59	1.51	1.45
8661.4	8691.4	1.64	1.61	1.60
8873.8	8903.8	1.88	1.89	1.94
9107.6	9137.6	2.58	2.63	2.71
9320.1	9350.1	3.35	3.46	3.54
9553.9	9583.9	4.24	4.37	4.45
9766.3	9796.3	5.44	5.42	5.54
10000.1	10030.1	6.35	6.26	6.39

LO (MHz)	LO VSWR (:1) @LO (dBm)		
	+4	+7	+10
1530.1	2.19	1.78	1.99
1742.6	1.90	1.58	1.91
1955.1	1.68	1.44	1.83
2167.6	1.57	1.35	1.78
2380.1	1.47	1.28	1.74
2592.6	1.38	1.23	1.74
2805.1	1.33	1.21	1.74
3017.6	1.31	1.21	1.74
3230.1	1.29	1.21	1.74
3442.6	1.27	1.22	1.76
3655.1	1.27	1.23	1.78
3867.6	1.25	1.25	1.83
4080.1	1.24	1.27	1.85
4292.6	1.24	1.27	1.84
4505.1	1.22	1.28	1.84
4717.6	1.21	1.29	1.84
4930.1	1.18	1.33	1.87
5142.6	1.15	1.36	1.91
5355.1	1.12	1.39	1.94
5567.6	1.11	1.44	2.00
5780.1	1.10	1.50	2.08
6013.9	1.13	1.55	2.14
6226.4	1.18	1.60	2.19
6460.1	1.22	1.66	2.24
6672.6	1.27	1.74	2.33
6906.4	1.33	1.84	2.48
7118.9	1.41	1.95	2.62
7352.6	1.49	2.01	2.68
7565.1	1.58	2.10	2.80
7798.9	1.70	2.26	2.99
8011.4	1.84	2.40	3.16
8245.1	2.05	2.60	3.40
8457.6	2.29	2.84	3.67
8691.3	2.52	2.98	3.75
8903.8	2.76	3.15	3.87
9137.6	3.08	3.43	4.17
9350.1	3.42	3.69	4.39
9583.9	3.76	3.80	4.35
9796.3	4.26	4.05	4.48
10030.1	4.80	4.32	4.66

IF (OUT) (MHz)	IF VSWR @LO=7000MHz (:1) @LO (dBm)		
	+4	+7	+10
10.0	1.37	1.58	1.81
90.3	1.38	1.59	1.82
170.5	1.35	1.54	1.76
250.8	1.33	1.51	1.72
331.1	1.31	1.50	1.71
411.3	1.29	1.47	1.68
491.6	1.30	1.48	1.70
571.9	1.29	1.48	1.69
652.1	1.27	1.45	1.65
732.4	1.21	1.37	1.57
812.7	1.13	1.28	1.47
893.0	1.12	1.27	1.45
973.2	1.12	1.24	1.41
1053.5	1.16	1.23	1.37
1133.8	1.22	1.20	1.29
1214.0	1.28	1.21	1.24
1294.3	1.33	1.23	1.22
1374.6	1.41	1.29	1.24
1454.8	1.56	1.41	1.30
1535.1	1.70	1.53	1.38
1615.4	1.80	1.62	1.44
1695.6	1.84	1.65	1.47
1775.9	2.04	1.83	1.63
1856.2	2.19	1.98	1.76
1936.4	2.35	2.13	1.90
2016.7	2.41	2.19	1.97
2097.0	2.55	2.34	2.12
2157.2	2.61	2.39	2.17
2237.4	2.55	2.36	2.17
2297.7	2.63	2.45	2.27
2377.9	2.65	2.50	2.35
2438.1	2.53	2.43	2.35
2518.4	2.48	2.44	2.43
2578.6	2.47	2.48	2.53
2658.9	2.47	2.58	2.74
2719.1	2.56	2.72	2.94
2799.3	2.83	3.07	3.37
2859.5	3.13	3.42	3.76
2939.8	3.84	4.17	4.56
3000.0	4.48	4.82	5.22

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	7	32	12	49	---	---	---	---	---	---
1	-	11	+0	43	24	41	57	---	---	---	---	---
2	>90	>70	70	65	69	>70	60	>70	---	---	---	---
3	>90	>70	>70	>70	56	>70	>70	>70	>70	---	---	---
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	---	---
5	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70	---
6	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	---	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70
8	---	---	---	---	---	>70	>70	>70	>70	>70	>70	>70
9	---	---	---	---	---	---	>70	>70	>70	>70	>70	>70
10	---	---	---	---	---	---	---	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 5350 MHz; -14.00 dBm.**
LO IN: 5380 MHz; +7.00 dBm
IF OUT: 30 MHz; -19.53 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	16	41	22	59	---	---	---	---	---	---
1	-	11	+0	42	25	42	57	---	---	---	---	---
2	71	62	60	53	59	>80	52	>80	---	---	---	---
3	>90	68	58	56	36	59	51	63	77	---	---	---
4	>90	>80	80	>80	>80	73	>80	>80	74	80	---	---
5	---	---	>80	>80	>80	>80	62	>80	72	>80	>80	---
6	---	---	---	>80	>80	>80	>80	>80	>80	>80	>80	>80
7	---	---	---	---	>80	>80	>80	>80	>80	>80	>80	>80
8	---	---	---	---	---	>80	>80	>80	>80	>80	>80	>80
9	---	---	---	---	---	---	>80	>80	>80	>80	>80	>80
10	---	---	---	---	---	---	---	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 5350 MHz; -4.00 dBm.**
LO IN: 5380 MHz; +7.00 dBm
IF OUT: 30 MHz; -9.74 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.