

Frequency Mixer

MBA-25LH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+7	+10	+13
1500.0	1530.0	11.93	10.29	9.84
1620.0	1650.0	10.64	9.34	8.98
1740.0	1770.0	9.32	8.57	8.36
1860.0	1890.0	8.68	8.23	8.05
1980.0	2010.0	8.11	7.72	7.55
2100.0	2130.0	7.46	7.11	6.92
2220.0	2250.0	7.14	6.89	6.74
2340.0	2370.0	7.04	6.91	6.84
2460.0	2490.0	7.01	6.99	7.06
2580.0	2610.0	6.99	6.98	7.05
2700.0	2730.0	6.93	6.81	6.78
2820.0	2850.0	7.09	6.82	6.69
2940.0	2970.0	7.09	6.74	6.57
3060.0	3090.0	7.16	6.83	6.65
3180.0	3210.0	7.31	7.03	6.87
3300.0	3330.0	7.13	6.89	6.79
3420.0	3450.0	6.92	6.71	6.71
3540.0	3570.0	7.02	6.86	6.84
3660.0	3690.0	7.26	7.08	7.04
3780.0	3810.0	7.43	7.24	7.23
3900.0	3930.0	7.39	7.17	7.16
4020.0	4050.0	7.32	7.14	7.12
4140.0	4170.0	7.39	7.18	7.10
4260.0	4290.0	7.40	7.24	7.14
4380.0	4410.0	7.17	7.06	7.04
4500.0	4530.0	6.96	6.81	6.80
4620.0	4650.0	6.66	6.48	6.46
4740.0	4770.0	6.46	6.22	6.18
4860.0	4890.0	6.35	5.97	5.90
5000.0	5030.0	6.35	5.71	5.51
5120.0	5150.0	6.54	5.77	5.47
5260.0	5290.0	6.72	5.88	5.55
5380.0	5410.0	6.88	6.12	5.87
5520.0	5550.0	7.51	6.84	6.62
5640.0	5670.0	7.78	7.26	7.23
5780.0	5810.0	8.17	7.78	7.71
5900.0	5930.0	8.90	8.64	8.53
6040.0	6070.0	9.60	9.45	9.35
6160.0	6190.0	10.39	10.24	10.16
6300.0	6330.0	11.59	11.41	11.32

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+7	+10	+13
1500.0	1530.0	15.09	20.47	14.10
1620.0	1650.0	16.35	14.97	12.19
1740.0	1770.0	15.48	14.22	14.81
1860.0	1890.0	12.31	14.21	17.03
1980.0	2010.0	9.62	12.02	14.49
2100.0	2130.0	8.33	10.74	13.46
2220.0	2250.0	10.90	12.89	14.80
2340.0	2370.0	12.98	13.40	14.32
2460.0	2490.0	13.90	13.25	14.52
2580.0	2610.0	14.13	12.75	13.42
2700.0	2730.0	16.03	15.11	14.25
2820.0	2850.0	16.50	17.11	20.99
2940.0	2970.0	13.22	13.92	16.50
3060.0	3090.0	17.09	18.89	21.22
3180.0	3210.0	11.08	11.86	12.63
3300.0	3330.0	10.34	11.17	11.38
3420.0	3450.0	10.82	11.59	12.56
3540.0	3570.0	12.17	12.59	13.30
3660.0	3690.0	12.99	14.08	14.45
3780.0	3810.0	12.98	14.16	15.01
3900.0	3930.0	13.53	14.54	15.09
4020.0	4050.0	13.76	14.99	15.47
4140.0	4170.0	13.85	14.50	16.04
4260.0	4290.0	13.71	13.27	14.53
4380.0	4410.0	12.73	13.42	13.63
4500.0	4530.0	11.52	12.01	12.62
4620.0	4650.0	11.00	11.55	11.95
4740.0	4770.0	11.54	12.52	13.44
4860.0	4890.0	10.96	12.36	13.80
5000.0	5030.0	10.46	12.96	15.64
5120.0	5150.0	10.09	12.86	15.65
5260.0	5290.0	10.13	12.84	15.15
5380.0	5410.0	10.04	12.69	14.23
5520.0	5550.0	9.01	11.75	13.36
5640.0	5670.0	9.53	11.72	13.34
5780.0	5810.0	11.26	12.35	13.37
5900.0	5930.0	11.19	13.71	14.18
6040.0	6070.0	11.39	14.87	15.47
6160.0	6190.0	12.00	15.67	16.81
6300.0	6330.0	13.13	17.57	20.65

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+4dBm (dB)		
		@LO (dBm)		
		+7	+10	+13
1500.0	1530.0	-0.03	0.10	0.11
1620.0	1650.0	0.17	0.09	0.08
1740.0	1770.0	0.52	0.32	0.20
1860.0	1890.0	0.49	0.32	0.19
1980.0	2010.0	0.47	0.34	0.22
2100.0	2130.0	0.54	0.37	0.31
2220.0	2250.0	0.48	0.31	0.31
2340.0	2370.0	0.31	0.17	0.20
2460.0	2490.0	0.23	0.06	0.09
2580.0	2610.0	0.36	0.12	0.08
2700.0	2730.0	0.63	0.39	0.30
2820.0	2850.0	0.93	0.62	0.48
2940.0	2970.0	1.13	0.91	0.76
3060.0	3090.0	1.40	1.13	0.93
3180.0	3210.0	1.24	1.03	0.88
3300.0	3330.0	1.16	0.94	0.80
3420.0	3450.0	1.05	0.84	0.71
3540.0	3570.0	0.83	0.64	0.57
3660.0	3690.0	0.75	0.59	0.51
3780.0	3810.0	0.53	0.41	0.37
3900.0	3930.0	0.46	0.35	0.32
4020.0	4050.0	0.50	0.34	0.30
4140.0	4170.0	0.45	0.29	0.27
4260.0	4290.0	0.40	0.22	0.27
4380.0	4410.0	0.50	0.25	0.28
4500.0	4530.0	0.65	0.31	0.29
4620.0	4650.0	0.90	0.54	0.46
4740.0	4770.0	1.14	0.75	0.68
4860.0	4890.0	1.32	1.00	0.95
5000.0	5030.0	1.56	1.37	1.31
5120.0	5150.0	1.63	1.60	1.60
5260.0	5290.0	1.65	1.74	1.79
5380.0	5410.0	1.72	1.77	1.83
5520.0	5550.0	1.73	1.67	1.74
5640.0	5670.0	1.77	1.57	1.50
5780.0	5810.0	1.66	1.36	1.23
5900.0	5930.0	1.50	1.02	0.93
6040.0	6070.0	1.29	0.70	0.65
6160.0	6190.0	1.04	0.50	0.44
6300.0	6330.0	0.74	0.33	0.24

Frequency Mixer

MBA-25LH+

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2900MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2189.89MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3610.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
1490.0	1410.0	15.04	10.1	2200.0	7.21	1510.1	2100.0	11.60
1412.1	1487.9	8.74	50.1	2240.0	7.03	1470.1	2140.0	10.59
1334.2	1565.8	7.58	90.1	2280.0	7.23	1430.1	2180.0	9.77
1256.3	1643.7	6.72	130.1	2320.0	7.33	1390.1	2220.0	9.04
1178.4	1721.6	6.23	170.1	2360.0	7.38	1350.1	2260.0	8.36
1100.5	1799.5	5.99	210.1	2400.0	7.52	1310.1	2300.0	7.87
1022.6	1877.4	5.95	250.1	2440.0	7.59	1270.1	2340.0	7.45
944.7	1955.3	6.12	290.1	2480.0	7.65	1230.1	2380.0	7.23
866.8	2033.2	6.52	330.1	2520.0	7.73	1190.1	2420.0	7.25
788.9	2111.1	6.85	370.1	2560.0	7.82	1150.1	2460.0	7.25
711.1	2188.9	6.51	410.1	2600.0	8.05	1110.1	2500.0	7.25
633.2	2266.8	6.22	450.1	2640.0	8.16	1070.1	2540.0	7.26
555.3	2344.7	6.23	490.1	2680.0	8.32	1030.1	2580.0	7.25
477.4	2422.6	6.32	530.1	2720.0	8.37	990.1	2620.0	7.44
399.5	2500.5	6.44	570.1	2760.0	8.36	950.1	2660.0	7.57
321.6	2578.4	6.52	610.1	2800.0	8.35	910.1	2700.0	7.77
243.7	2656.3	6.60	650.1	2840.0	8.23	870.1	2740.0	7.97
165.8	2734.2	6.73	690.1	2880.0	8.34	830.1	2780.0	8.04
87.9	2812.1	6.67	730.1	2920.0	8.37	790.1	2820.0	8.21
10.0	2890.0	7.16	770.1	2960.0	8.50	750.1	2860.0	8.27
71.6	2971.6	6.66	810.1	3000.0	8.61	710.1	2900.0	8.33
153.6	3053.6	6.18	850.1	3040.0	8.63	670.1	2940.0	8.39
235.7	3135.7	6.21	890.1	3080.0	8.71	630.1	2980.0	8.33
317.8	3217.8	6.61	930.1	3120.0	8.71	590.1	3020.0	8.36
399.9	3299.9	6.65	970.1	3160.0	8.75	550.1	3060.0	8.31
481.9	3381.9	6.71	990.1	3180.0	8.79	510.1	3100.0	8.30
564.0	3464.0	6.60	1030.1	3220.0	8.80	470.1	3140.0	8.25
646.1	3546.1	6.46	1050.1	3240.0	8.74	430.1	3180.0	8.01
728.2	3628.2	6.48	1090.1	3280.0	8.85	390.1	3220.0	7.85
810.3	3710.3	6.59	1110.1	3300.0	8.98	350.1	3260.0	7.61
892.3	3792.3	6.84	1150.1	3340.0	9.00	310.1	3300.0	7.45
974.4	3874.4	7.16	1170.1	3360.0	9.14	270.1	3340.0	7.36
1056.5	3956.5	7.50	1210.1	3400.0	9.37	230.1	3380.0	7.32
1138.6	4038.6	7.89	1230.1	3420.0	9.42	190.1	3420.0	7.22
1220.6	4120.6	8.14	1270.1	3460.0	9.82	150.1	3460.0	7.09
1302.7	4202.7	8.47	1290.1	3480.0	10.00	130.1	3480.0	7.11
1384.8	4284.8	8.81	1330.1	3520.0	10.31	90.1	3520.0	7.07
1446.4	4346.4	8.91	1350.1	3540.0	10.61	70.1	3540.0	7.01
1528.4	4428.4	9.38	1390.1	3580.0	11.05	30.1	3580.0	6.98
1590.0	4490.0	10.34	1410.1	3600.0	11.07	10.1	3600.0	7.18

Frequency Mixer

MBA-25LH+

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+7	+10	+13	+7	+10	+13
1530.0	29.79	30.34	32.47	9.08	9.42	9.88
1650.0	26.87	27.58	28.06	8.41	9.27	9.63
1770.0	26.44	26.20	25.66	8.83	9.53	9.73
1890.0	26.95	25.98	24.85	9.50	9.90	9.96
2010.0	27.76	25.96	24.67	10.45	10.55	10.46
2130.0	28.74	25.67	24.03	11.29	11.12	10.92
2250.0	28.14	24.83	22.97	12.31	12.03	11.54
2370.0	27.62	24.48	22.65	13.59	13.10	12.38
2490.0	29.49	25.48	23.76	15.70	14.73	13.93
2610.0	34.61	29.11	26.37	18.32	16.90	15.94
2730.0	31.02	32.09	29.13	20.44	18.92	17.46
2850.0	27.54	31.06	30.34	22.85	20.79	19.05
2970.0	24.85	28.77	30.55	25.37	23.29	21.57
3090.0	24.30	28.37	30.14	30.21	27.45	25.28
3210.0	24.27	27.95	30.19	39.82	37.93	33.24
3330.0	24.48	27.75	29.60	31.84	35.71	42.93
3450.0	25.93	28.97	29.25	25.87	27.71	29.61
3570.0	26.24	28.58	28.24	21.94	23.09	24.15
3690.0	26.16	27.82	27.48	19.27	20.22	21.05
3810.0	25.86	27.17	26.33	17.24	18.28	19.17
3930.0	25.22	26.01	25.46	15.73	16.63	17.76
4050.0	23.95	24.54	24.25	14.22	15.07	16.21
4170.0	23.40	23.93	23.83	13.37	14.17	15.34
4290.0	22.38	22.93	23.09	12.62	13.28	14.26
4410.0	21.36	21.74	21.70	12.38	12.96	13.73
4530.0	20.73	20.82	20.71	12.44	12.93	13.58
4650.0	20.06	20.27	19.70	12.32	13.09	13.62
4770.0	19.14	19.43	18.71	11.81	12.79	13.58
4890.0	18.47	18.72	17.89	11.32	12.48	13.47
5030.0	17.54	18.09	17.44	10.72	11.80	12.85
5150.0	16.83	17.37	16.77	10.24	11.27	12.27
5290.0	16.54	17.03	16.43	10.00	11.00	11.95
5410.0	16.28	16.57	16.30	9.77	10.67	11.67
5550.0	15.66	16.33	16.18	9.24	9.99	10.67
5670.0	15.32	16.06	16.30	9.28	9.87	10.41
5810.0	14.79	15.69	15.99	9.56	10.21	10.25
5930.0	14.13	15.10	15.83	9.82	10.23	10.44
6070.0	13.57	14.80	15.79	9.94	10.26	10.57
6190.0	13.30	14.80	16.04	9.60	10.18	10.66
6330.0	13.35	15.07	16.54	9.26	10.34	11.10

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
1500.0	1530.0	25.69	23.66	22.56
1620.0	1650.0	24.82	22.45	21.77
1740.0	1770.0	21.82	20.77	20.20
1860.0	1890.0	20.41	19.79	19.34
1980.0	2010.0	18.88	18.57	18.32
2100.0	2130.0	17.25	17.25	17.33
2220.0	2250.0	15.86	16.03	16.22
2340.0	2370.0	15.05	15.23	15.43
2460.0	2490.0	14.89	15.13	15.37
2580.0	2610.0	15.28	15.52	15.60
2700.0	2730.0	15.50	15.69	15.65
2820.0	2850.0	14.77	15.04	15.20
2940.0	2970.0	14.34	14.86	15.17
3060.0	3090.0	14.41	15.05	15.43
3180.0	3210.0	14.53	14.96	15.22
3300.0	3330.0	14.79	15.13	15.35
3420.0	3450.0	15.21	15.38	15.66
3540.0	3570.0	15.71	15.81	15.85
3660.0	3690.0	15.98	16.10	16.11
3780.0	3810.0	16.20	16.22	16.14
3900.0	3930.0	15.90	15.83	15.77
4020.0	4050.0	15.80	15.61	15.54
4140.0	4170.0	16.02	15.59	15.34
4260.0	4290.0	15.51	14.84	14.12
4380.0	4410.0	14.74	13.66	12.71
4500.0	4530.0	13.96	12.75	11.73
4620.0	4650.0	13.68	12.55	11.53
4740.0	4770.0	13.38	12.23	11.31
4860.0	4890.0	13.00	12.13	11.21
5000.0	5030.0	13.28	12.76	11.87
5120.0	5150.0	13.18	12.63	11.65
5260.0	5290.0	13.39	12.56	11.33
5380.0	5410.0	13.74	12.26	10.76
5520.0	5550.0	14.66	11.88	9.81
5640.0	5670.0	13.87	10.51	8.69
5780.0	5810.0	11.21	9.03	7.76
5900.0	5930.0	9.55	8.12	7.24
6040.0	6070.0	7.86	7.09	6.59
6160.0	6190.0	6.85	6.40	6.08
6300.0	6330.0	6.13	5.82	5.63

Frequency Mixer

MBA-25LH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)		
		@LO (dBm)		
		+7	+10	+13
1500.0	1530.0	9.90	8.23	7.56
1620.0	1650.0	8.47	7.20	6.44
1740.0	1770.0	6.86	5.99	5.39
1860.0	1890.0	5.66	5.09	4.69
1980.0	2010.0	4.67	4.26	3.95
2100.0	2130.0	3.81	3.54	3.34
2220.0	2250.0	3.15	3.02	2.94
2340.0	2370.0	2.81	2.80	2.81
2460.0	2490.0	2.61	2.72	2.82
2580.0	2610.0	2.44	2.60	2.73
2700.0	2730.0	2.12	2.22	2.33
2820.0	2850.0	1.68	1.74	1.81
2940.0	2970.0	1.25	1.29	1.36
3060.0	3090.0	1.05	1.06	1.13
3180.0	3210.0	1.44	1.43	1.43
3300.0	3330.0	1.85	1.85	1.86
3420.0	3450.0	2.19	2.18	2.20
3540.0	3570.0	2.50	2.44	2.42
3660.0	3690.0	2.74	2.68	2.61
3780.0	3810.0	2.90	2.81	2.74
3900.0	3930.0	3.00	2.87	2.78
4020.0	4050.0	3.03	2.87	2.74
4140.0	4170.0	3.03	2.84	2.67
4260.0	4290.0	2.94	2.77	2.63
4380.0	4410.0	2.77	2.61	2.50
4500.0	4530.0	2.52	2.35	2.23
4620.0	4650.0	2.25	2.07	1.95
4740.0	4770.0	2.00	1.82	1.71
4860.0	4890.0	1.78	1.61	1.52
5000.0	5030.0	1.73	1.52	1.41
5120.0	5150.0	1.71	1.52	1.42
5260.0	5290.0	1.73	1.55	1.45
5380.0	5410.0	1.81	1.64	1.54
5520.0	5550.0	2.01	1.85	1.71
5640.0	5670.0	2.19	2.00	1.88
5780.0	5810.0	2.29	2.12	2.03
5900.0	5930.0	2.24	2.13	2.07
6040.0	6070.0	2.24	2.21	2.18
6160.0	6190.0	2.22	2.25	2.25
6300.0	6330.0	2.28	2.33	2.35

LO (MHz)	LO VSWR (:1)		
	@LO (dBm)		
	+7	+10	+13
1530.0	5.49	3.93	3.90
1650.0	3.90	3.19	3.42
1770.0	2.97	2.81	3.21
1890.0	2.42	2.56	3.08
2010.0	2.13	2.46	3.01
2130.0	1.95	2.35	2.92
2250.0	1.76	2.18	2.80
2370.0	1.54	2.08	2.76
2490.0	1.40	1.98	2.68
2610.0	1.32	1.88	2.54
2730.0	1.27	1.79	2.40
2850.0	1.25	1.72	2.32
2970.0	1.20	1.63	2.21
3090.0	1.14	1.52	2.05
3210.0	1.11	1.46	1.99
3330.0	1.09	1.48	2.03
3450.0	1.07	1.53	2.10
3570.0	1.13	1.61	2.17
3690.0	1.23	1.74	2.32
3810.0	1.38	1.92	2.55
3930.0	1.54	2.09	2.74
4050.0	1.69	2.25	2.89
4170.0	1.89	2.44	3.08
4290.0	2.11	2.67	3.33
4410.0	2.32	2.87	3.52
4530.0	2.52	2.99	3.65
4650.0	2.78	3.13	3.70
4770.0	3.14	3.30	3.82
4890.0	3.51	3.50	3.86
5030.0	4.12	3.85	4.01
5150.0	4.41	3.91	3.98
5290.0	4.57	3.97	3.90
5410.0	4.68	3.87	3.68
5550.0	4.93	3.82	3.42
5670.0	4.68	3.51	3.06
5810.0	4.36	3.14	2.65
5930.0	3.97	2.75	2.25
6070.0	3.35	2.24	1.75
6190.0	2.84	1.86	1.39
6330.0	2.29	1.51	1.12

IF (OUT) (MHz)	IF VSWR @LO=3600MHz (:1)		
	@LO (dBm)		
	+7	+10	+13
10.0	1.15	1.33	1.51
50.0	1.11	1.29	1.46
90.0	1.16	1.33	1.50
130.0	1.14	1.28	1.46
170.0	1.20	1.31	1.46
190.0	1.22	1.33	1.49
230.0	1.21	1.28	1.42
250.0	1.25	1.29	1.42
290.0	1.29	1.34	1.45
310.0	1.28	1.30	1.41
350.0	1.37	1.34	1.40
370.0	1.41	1.37	1.42
410.0	1.40	1.34	1.37
430.0	1.45	1.37	1.37
470.0	1.53	1.45	1.43
490.0	1.52	1.43	1.39
530.0	1.61	1.49	1.41
550.0	1.67	1.54	1.46
590.0	1.67	1.54	1.46
610.0	1.72	1.57	1.47
650.0	1.83	1.68	1.57
670.0	1.82	1.67	1.57
710.0	1.91	1.74	1.62
730.0	2.00	1.83	1.70
770.0	2.01	1.83	1.71
790.0	2.06	1.88	1.75
830.0	2.19	2.01	1.88
850.0	2.22	2.04	1.90
890.0	2.33	2.14	1.99
910.0	2.41	2.22	2.07
950.0	2.51	2.32	2.16
970.0	2.57	2.37	2.20
1010.0	2.77	2.57	2.38
1030.0	2.80	2.61	2.43
1070.0	2.95	2.75	2.55
1090.0	3.08	2.86	2.66
1130.0	3.29	3.07	2.84
1150.0	3.34	3.12	2.89
1190.0	3.58	3.34	3.10
1210.0	3.66	3.43	3.18

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+2	+0	3	25	12	39	52	47	---	---
1	-	7	+0	16	11	22	27	31	53	52	55	---
2	85	51	40	51	52	47	43	54	51	60	>72	>72
3	>90	54	65	57	55	59	53	55	61	61	>72	>72
4	>90	>72	>72	>72	>72	67	>72	71	>72	>72	>72	>72
5	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
6	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
7	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
8	>90	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
9	---	---	>72	>72	>72	>72	>72	>72	>72	>72	>72	>72
10	---	---	---	>72	>72	>72	>72	>72	>72	>72	>72	>72
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2900 MHz; -11.00 dBm.
 LO IN: 2930 MHz; +10.00 dBm
 IF OUT: 30 MHz; -18.06 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	11	13	37	26	52	64	66	---	---
1	-	8	+0	17	13	26	31	39	60	64	64	---
2	66	40	31	36	39	35	44	46	53	57	75	73
3	>90	34	46	36	40	37	36	41	49	49	81	75
4	>90	57	51	58	62	44	49	53	50	69	65	80
5	>90	64	71	74	59	61	50	65	51	58	63	61
6	>90	>82	74	76	63	65	62	53	60	55	70	65
7	>90	>82	>82	>82	77	71	72	68	67	68	68	71
8	>90	>82	>82	>82	>82	>82	>82	73	73	72	68	66
9	---	---	>82	>82	>82	>82	>82	81	75	78	71	78
10	---	---	---	>82	>82	>82	>82	>82	>82	78	81	76
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2900 MHz; -1.00 dBm.
 LO IN: 2930 MHz; +10.00 dBm
 IF OUT: 30 MHz; -8.03 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.