Frequency Mixer MBA-EE7678/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB) @LO (dBm)		
		+1	+4	+7
1680.0	1710.0	11.78	10.42	10.01
1780.0	1810.0	10.63	9.63	9.29
1880.0	1910.0	9.87	9.04	8.64
1980.0	2010.0	9.19	8.46	8.02
2100.0	2130.0	8.28	7.60	7.17
2200.0	2230.0	7.66	6.96	6.57
2320.0	2350.0	7.02	6.38	6.07
2420.0	2450.0	6.57	6.03	5.74
2540.0	2570.0	6.36	5.84	5.59
2640.0	2670.0	6.14	5.71	5.51
2760.0	2790.0	5.94	5.62	5.51
2860.0	2890.0	5.93	5.68	5.66
2980.0	3010.0	5.99	5.80	5.81
3080.0	3110.0	6.08	5.80	5.70
3200.0	3230.0	6.12	5.64	5.45
3300.0	3330.0	6.45	5.89	5.64
3420.0	3450.0	6.47	5.86	5.57
3520.0	3550.0	6.35	5.76	5.49
3640.0	3670.0	6.36	5.81	5.55
3740.0	3770.0	6.43	5.90	5.62
3860.0	3890.0	6.55	6.09	5.85
3960.0	3990.0	6.56	6.11	5.89
4080.0	4110.0	6.47	6.02	5.80
4180.0	4210.0	6.47	6.02	5.78
4300.0	4330.0	6.35	5.92	5.68
4400.0	4430.0	6.32	5.88	5.65
4520.0	4550.0	6.36	5.88	5.61
4620.0	4650.0	6.43	5.87	5.60
4740.0	4770.0	6.65	5.99	5.73
4840.0	4870.0	6.85	6.11	5.82
4960.0	4990.0	6.99	6.18	5.92
5060.0	5090.0	7.38	6.33	5.97
5180.0	5210.0	7.96	6.68	6.27
5280.0	5310.0	8.57	7.06	6.61
5400.0	5430.0	9.55	7.72	7.19
5500.0	5530.0	10.21	8.19	7.55
5620.0	5650.0	11.48	8.97	8.09
5720.0	5750.0	11.76	9.34	8.53
5840.0	5870.0	11.83	9.67	8.81
5940.0	5970.0	12.05	10.08	9.22

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm) @LO (dBm)		
		+1	+4	+7
1680.0	1710.0	12.02	8.80	6.50
1780.0	1810.0	8.83	6.98	5.45
1880.0	1910.0	6.92	5.99	5.81
1980.0	2010.0	6.62	6.77	8.04
2100.0	2130.0	7.74	9.65	11.58
2200.0	2230.0	8.30	10.19	11.75
2320.0	2350.0	8.21	9.53	10.68
2420.0	2450.0	8.09	9.68	11.39
2540.0	2570.0	6.26	8.21	10.58
2640.0	2670.0	5.66	7.55	9.90
2760.0	2790.0	5.88	7.55	9.50
2860.0	2890.0	6.93	8.20	9.80
2980.0	3010.0	8.57	9.05	10.04
3080.0	3110.0	10.32	9.47	9.78
3200.0	3230.0	13.55	13.22	12.40
3300.0	3330.0	19.28	13.77	12.37
3420.0	3450.0	8.40	8.61	8.98
3520.0	3550.0	7.28	7.92	8.58
3640.0	3670.0	7.55	8.26	9.00
3740.0	3770.0	7.97	8.73	9.66
3860.0	3890.0	8.22	8.86	9.59
3960.0	3990.0	8.68	9.15	9.96
4080.0	4110.0	9.23	9.60	10.27
4180.0	4210.0	9.18	9.57	10.32
4300.0	4330.0	8.96	9.54	10.30
4400.0	4430.0	8.68	9.36	10.00
4520.0	4550.0	8.77	10.02	10.65
4620.0	4650.0	8.63	11.04	12.03
4740.0	4770.0	7.21	9.43	11.41
4840.0	4870.0	7.27	9.00	10.24
4960.0	4990.0	8.03	9.27	9.95
5060.0	5090.0	10.30	10.52	10.58
5180.0	5210.0	10.45	11.50	11.90
5280.0	5310.0	13.59	11.57	12.26
5400.0	5430.0	17.72	12.24	12.60
5500.0	5530.0	17.40	12.71	12.50
5620.0	5650.0	12.80	14.64	12.74
5720.0	5750.0	15.75	14.87	13.54
5840.0	5870.0	16.59	15.50	13.24
5940.0	5970.0	14.83	16.45	13.17

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=0dBm (dB) @LO (dBm)		
		+1	+4	+7
1680.0	1710.0	0.23	0.58	0.70
1780.0	1810.0	0.45	0.65	0.69
1880.0	1910.0	0.62	0.67	0.68
1980.0	2010.0	0.79	0.70	0.63
2100.0	2130.0	1.01	0.77	0.59
2200.0	2230.0	1.23	0.85	0.62
2320.0	2350.0	1.39	0.91	0.70
2420.0	2450.0	1.42	0.90	0.69
2540.0	2570.0	1.32	0.83	0.65
2640.0	2670.0	1.28	0.76	0.57
2760.0	2790.0	1.24	0.67	0.44
2860.0	2890.0	1.20	0.56	0.31
2980.0	3010.0	1.11	0.51	0.25
3080.0	3110.0	1.16	0.61	0.35
3200.0	3230.0	1.36	0.87	0.59
3300.0	3330.0	1.46	1.04	0.75
3420.0	3450.0	1.60	1.20	0.94
3520.0	3550.0	1.61	1.22	0.97
3640.0	3670.0	1.42	1.11	0.88
3740.0	3770.0	1.21	0.99	0.81
3860.0	3890.0	1.02	0.74	0.61
3960.0	3990.0	0.95	0.68	0.56
4080.0	4110.0	0.92	0.66	0.54
4180.0	4210.0	0.94	0.65	0.53
4300.0	4330.0	1.03	0.71	0.57
4400.0	4430.0	1.13	0.75	0.60
4520.0	4550.0	1.33	0.89	0.71
4620.0	4650.0	1.39	0.94	0.84
4740.0	4770.0	1.38	0.96	0.91
4840.0	4870.0	1.46	1.00	0.94
4960.0	4990.0	1.55	1.09	0.99
5060.0	5090.0	1.41	1.06	0.94
5180.0	5210.0	1.39	1.04	0.91
5280.0	5310.0	1.09	1.00	0.87
5400.0	5430.0	0.74	0.86	0.76
5500.0	5530.0	0.51	0.77	0.74
5620.0	5650.0	0.15	0.61	0.66
5720.0	5750.0	0.12	0.51	0.55
5840.0	5870.0	0.24	0.43	0.56
5940.0	5970.0	0.27	0.33	0.51

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3500MHz (dB)
		@LO (dBm)
		+4
2000.0	1500.0	9.04
1906.1	1593.9	8.19
1812.3	1687.7	7.49
1718.4	1781.6	7.06
1605.8	1894.2	7.28
1511.9	1988.1	7.58
1399.2	2100.8	7.38
1305.4	2194.6	6.96
1192.7	2307.3	6.65
1098.9	2401.1	6.71
986.2	2513.8	7.08
892.4	2607.6	7.42
779.7	2720.3	7.70
685.8	2814.2	7.71
573.2	2926.8	7.39
479.3	3020.7	7.02
366.7	3133.3	6.76
272.8	3227.2	6.63
160.2	3339.8	6.26
66.3	3433.7	6.08
52.5	3552.5	5.84
158.6	3658.6	5.83
285.9	3785.9	5.96
392.1	3892.1	6.15
519.4	4019.4	6.46
625.6	4125.6	6.80
752.9	4252.9	7.35
859.1	4359.1	7.75
986.4	4486.4	8.13
1092.5	4592.5	8.34
1219.9	4719.9	8.49
1326.0	4826.0	8.70
1453.4	4953.4	8.69
1559.5	5059.5	8.75
1686.9	5186.9	8.89
1793.0	5293.0	8.92
1920.4	5420.4	8.98
2026.5	5526.5	9.18
2153.9	5653.9	9.94
2260.0	5760.0	10.58

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2989.89MHz (dB)
		@LO (dBm)
		+4
10.1	3000.0	6.01
70.1	3060.0	5.86
130.1	3120.0	5.92
190.1	3180.0	5.81
250.1	3240.0	5.84
310.1	3300.0	6.02
370.1	3360.0	6.28
430.1	3420.0	6.47
490.1	3480.0	6.79
550.1	3540.0	7.00
610.1	3600.0	7.22
670.1	3660.0	7.39
730.1	3720.0	7.55
790.1	3780.0	7.80
850.1	3840.0	7.94
910.1	3900.0	8.22
970.1	3960.0	8.41
1030.1	4020.0	8.50
1090.1	4080.0	8.65
1150.1	4140.0	8.74
1210.1	4200.0	8.82
1270.1	4260.0	8.84
1330.1	4320.0	8.82
1390.1	4380.0	8.96
1450.1	4440.0	8.72
1510.1	4500.0	8.80
1570.1	4560.0	8.69
1630.1	4620.0	8.59
1690.1	4680.0	8.69
1750.1	4740.0	8.51
1810.1	4800.0	8.43
1870.1	4860.0	8.45
1930.1	4920.0	8.16
1990.1	4980.0	8.16
2070.1	5060.0	8.15
2130.1	5120.0	8.18
2210.1	5200.0	8.36
2270.1	5260.0	9.05
2350.1	5340.0	9.73
2410.1	5400.0	10.57

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4010.1MHz (dB)
		@LO (dBm)
		+4
2330.1	1680.0	11.65
2270.1	1740.0	10.94
2210.1	1800.0	9.96
2150.1	1860.0	9.11
2090.1	1920.0	8.55
2030.1	1980.0	7.94
1970.1	2040.0	7.77
1910.1	2100.0	7.73
1850.1	2160.0	7.97
1790.1	2220.0	7.93
1730.1	2280.0	7.83
1670.1	2340.0	7.60
1610.1	2400.0	7.26
1550.1	2460.0	6.96
1490.1	2520.0	6.83
1430.1	2580.0	6.70
1370.1	2640.0	6.65
1310.1	2700.0	6.88
1250.1	2760.0	7.08
1190.1	2820.0	7.45
1130.1	2880.0	7.65
1070.1	2940.0	7.99
1010.1	3000.0	8.13
950.1	3060.0	8.27
890.1	3120.0	8.27
830.1	3180.0	8.05
770.1	3240.0	7.93
710.1	3300.0	7.77
650.1	3360.0	7.70
590.1	3420.0	7.57
530.1	3480.0	7.24
470.1	3540.0	6.90
410.1	3600.0	6.72
350.1	3660.0	6.53
290.1	3720.0	6.48
230.1	3780.0	6.31
170.1	3840.0	6.10
110.1	3900.0	6.02
70.1	3940.0	6.00
10.1	4000.0	6.18

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB) @LO (dBm)			LO-IF ISOLATION (dB) @LO (dBm)		
	+1	+4	+7	+1	+4	+7
1710.0	27.08	28.78	29.04	8.29	9.49	10.99
1810.0	26.52	28.45	27.96	8.36	9.71	11.04
1910.0	26.11	27.58	26.56	8.54	9.81	10.92
2010.0	25.71	26.90	26.09	8.66	9.65	10.31
2130.0	24.91	25.88	25.51	8.44	9.09	9.33
2230.0	24.63	25.64	25.37	8.51	8.96	9.14
2350.0	25.11	25.84	25.42	8.75	8.95	9.01
2450.0	25.54	26.01	25.12	9.19	9.32	9.02
2570.0	25.68	25.35	24.30	9.85	9.72	9.22
2670.0	26.45	24.99	23.72	10.27	9.81	9.17
2790.0	28.17	24.93	23.04	10.98	10.10	9.12
2890.0	30.07	25.64	23.36	11.57	10.46	9.35
3010.0	34.42	27.14	24.45	12.24	10.71	9.69
3110.0	37.15	28.93	25.18	12.82	11.09	9.67
3230.0	32.60	29.15	25.33	13.95	11.72	10.09
3330.0	29.04	28.39	25.37	14.51	12.26	10.45
3450.0	26.47	26.28	24.39	15.12	12.68	10.98
3550.0	25.60	25.17	23.64	15.66	13.16	11.49
3670.0	24.78	24.07	22.79	16.25	13.78	12.17
3770.0	24.07	23.52	22.33	16.47	14.40	12.79
3890.0	23.30	22.92	22.18	17.33	15.11	13.89
3990.0	22.74	22.52	21.92	18.34	16.07	14.76
4110.0	21.88	21.84	21.37	19.46	17.19	15.81
4210.0	21.41	21.42	21.04	20.92	18.29	16.80
4330.0	20.82	21.12	20.89	22.91	20.11	18.32
4430.0	20.31	20.71	20.63	25.34	22.04	19.82
4550.0	19.62	20.40	20.32	28.87	25.51	22.10
4650.0	19.13	19.89	20.03	30.98	29.21	25.38
4770.0	18.78	19.55	19.64	31.11	30.25	27.15
4870.0	18.54	19.26	19.19	32.80	31.06	27.09
4990.0	18.44	19.37	19.20	34.55	35.46	28.63
5090.0	18.35	19.35	19.35	33.57	43.28	31.72
5210.0	18.54	19.21	19.19	31.96	38.05	37.68
5310.0	18.72	19.35	19.22	30.36	32.86	38.99
5430.0	19.06	19.60	19.43	28.16	28.24	32.24
5530.0	19.37	19.84	19.56	26.14	25.46	27.97
5650.0	19.68	20.29	20.01	23.97	22.73	23.96
5750.0	20.05	20.54	20.25	21.96	20.65	21.43
5870.0	20.54	20.95	20.56	19.54	18.26	18.73
5970.0	21.04	21.37	20.87	17.58	16.39	16.75

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB) @LO (dBm)		
		+1	+4	+7
1680.0	1710.0	22.80	19.29	17.70
1780.0	1810.0	22.21	19.50	18.06
1880.0	1910.0	21.17	19.01	17.73
1980.0	2010.0	20.34	18.60	17.56
2100.0	2130.0	19.58	18.31	17.74
2200.0	2230.0	18.47	17.86	17.66
2320.0	2350.0	18.25	18.26	18.25
2420.0	2450.0	18.07	18.41	18.55
2540.0	2570.0	17.28	17.78	18.14
2640.0	2670.0	16.64	17.20	17.50
2760.0	2790.0	16.20	16.64	16.96
2860.0	2890.0	15.99	16.39	16.60
2980.0	3010.0	15.83	16.08	16.13
3080.0	3110.0	15.79	15.99	16.07
3200.0	3230.0	16.18	16.29	16.37
3300.0	3330.0	16.67	16.80	16.82
3420.0	3450.0	18.07	18.20	18.17
3520.0	3550.0	18.99	18.93	18.78
3640.0	3670.0	19.72	19.28	18.80
3740.0	3770.0	19.79	19.22	18.56
3860.0	3890.0	19.49	18.75	18.10
3960.0	3990.0	19.04	18.32	17.76
4080.0	4110.0	18.55	17.94	17.42
4180.0	4210.0	18.22	17.69	17.21
4300.0	4330.0	17.76	17.36	16.97
4400.0	4430.0	17.30	17.02	16.81
4520.0	4550.0	16.90	16.73	16.68
4620.0	4650.0	16.29	15.89	15.83
4740.0	4770.0	15.32	14.53	14.20
4840.0	4870.0	15.29	14.61	14.24
4960.0	4990.0	15.56	15.10	14.81
5060.0	5090.0	15.77	15.51	15.48
5180.0	5210.0	16.21	16.08	16.24
5280.0	5310.0	16.43	16.34	16.66
5400.0	5430.0	17.28	17.10	17.45
5500.0	5530.0	18.13	17.92	18.22
5620.0	5650.0	19.23	19.13	19.11
5720.0	5750.0	20.63	20.35	19.68
5840.0	5870.0	22.53	21.89	20.09
5940.0	5970.0	24.20	23.00	19.91

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1) @LO (dBm)		
		+1	+4	+7
1680.0	1710.0	8.16	6.53	5.68
1780.0	1810.0	6.73	5.46	4.64
1880.0	1910.0	5.65	4.60	3.82
1980.0	2010.0	4.75	3.93	3.33
2100.0	2130.0	3.90	3.33	2.96
2200.0	2230.0	3.32	2.90	2.67
2320.0	2350.0	2.77	2.50	2.34
2420.0	2450.0	2.39	2.20	2.11
2540.0	2570.0	2.06	1.95	1.92
2640.0	2670.0	1.84	1.82	1.86
2760.0	2790.0	1.66	1.75	1.86
2860.0	2890.0	1.59	1.77	1.95
2980.0	3010.0	1.55	1.76	1.94
3080.0	3110.0	1.39	1.56	1.70
3200.0	3230.0	1.10	1.27	1.42
3300.0	3330.0	1.12	1.04	1.16
3420.0	3450.0	1.47	1.32	1.25
3520.0	3550.0	1.71	1.58	1.51
3640.0	3670.0	1.98	1.83	1.75
3740.0	3770.0	2.13	1.99	1.89
3860.0	3890.0	2.25	2.11	2.02
3960.0	3990.0	2.31	2.17	2.07
4080.0	4110.0	2.30	2.15	2.05
4180.0	4210.0	2.28	2.12	2.01
4300.0	4330.0	2.17	2.01	1.90
4400.0	4430.0	2.08	1.92	1.82
4520.0	4550.0	1.93	1.76	1.66
4620.0	4650.0	1.85	1.67	1.58
4740.0	4770.0	1.79	1.65	1.62
4840.0	4870.0	1.80	1.69	1.71
4960.0	4990.0	1.93	1.85	1.90
5060.0	5090.0	2.13	2.02	2.07
5180.0	5210.0	2.53	2.40	2.46
5280.0	5310.0	2.84	2.62	2.67
5400.0	5430.0	3.57	3.20	3.20
5500.0	5530.0	4.00	3.56	3.50
5620.0	5650.0	4.93	4.28	4.06
5720.0	5750.0	5.39	4.70	4.46
5840.0	5870.0	6.32	5.54	5.13
5940.0	5970.0	7.05	6.21	5.68

LO (MHz)	LO VSWR (:1) @LO (dBm)		
	+1	+4	+7
1710.0	4.12	2.96	2.92
1810.0	3.17	2.46	2.63
1910.0	2.55	2.14	2.41
2010.0	2.21	1.95	2.24
2130.0	1.90	1.72	2.05
2230.0	1.67	1.54	1.90
2350.0	1.41	1.38	1.80
2450.0	1.25	1.27	1.76
2570.0	1.21	1.23	1.71
2670.0	1.29	1.26	1.68
2790.0	1.39	1.28	1.64
2890.0	1.48	1.32	1.63
3010.0	1.58	1.32	1.54
3110.0	1.66	1.32	1.50
3230.0	1.76	1.32	1.45
3330.0	1.75	1.30	1.43
3450.0	1.67	1.20	1.42
3550.0	1.61	1.17	1.44
3670.0	1.46	1.18	1.52
3770.0	1.34	1.23	1.62
3890.0	1.25	1.35	1.79
3990.0	1.26	1.47	1.94
4110.0	1.40	1.68	2.17
4210.0	1.57	1.86	2.36
4330.0	1.84	2.10	2.58
4430.0	2.12	2.31	2.77
4550.0	2.53	2.62	3.02
4650.0	2.92	2.88	3.22
4770.0	3.45	3.18	3.43
4870.0	4.11	3.60	3.72
4990.0	4.89	4.09	4.03
5090.0	5.65	4.52	4.30
5210.0	6.39	4.93	4.51
5310.0	7.08	5.30	4.66
5430.0	7.90	5.74	4.79
5530.0	8.31	5.95	4.80
5650.0	8.77	6.09	4.72
5750.0	8.55	5.87	4.46
5870.0	7.83	5.30	3.98
5970.0	7.00	4.69	3.48

IF (OUT) (MHz)	IF VSWR @LO=4000MHz (:1) @LO (dBm)		
	+1	+4	+7
10.0	1.26	1.07	1.06
50.0	1.29	1.11	1.09
90.0	1.30	1.14	1.13
130.0	1.37	1.21	1.17
170.0	1.43	1.28	1.24
210.0	1.49	1.33	1.28
250.0	1.59	1.42	1.36
290.0	1.66	1.49	1.42
330.0	1.76	1.58	1.48
370.0	1.88	1.68	1.58
410.0	1.97	1.76	1.65
450.0	2.16	1.92	1.78
490.0	2.26	2.01	1.88
530.0	2.40	2.12	1.96
570.0	2.62	2.33	2.15
610.0	2.68	2.37	2.18
650.0	3.00	2.66	2.44
690.0	3.04	2.70	2.49
730.0	3.38	3.00	2.75
770.0	3.55	3.17	2.93
810.0	3.71	3.30	3.03
850.0	4.04	3.62	3.34
890.0	4.07	3.64	3.36
930.0	4.43	3.97	3.68
970.0	4.47	4.03	3.75
1010.0	4.74	4.29	3.98
1050.0	4.96	4.50	4.20
1110.0	5.02	4.60	4.32
1150.0	5.14	4.73	4.44
1210.0	5.33	4.92	4.63
1250.0	5.41	4.99	4.67
1310.0	5.42	5.12	4.86
1350.0	5.38	5.07	4.82
1410.0	5.87	5.51	5.17
1450.0	5.68	5.36	5.04
1510.0	5.65	5.38	5.07
1550.0	5.56	5.28	4.96
1610.0	5.54	5.34	5.04
1650.0	5.33	5.12	4.82
1710.0	5.28	5.02	4.67

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	+12	5	1	30	38	60	---	---	---	---
1	-	13	+0	26	15	38	39	45	50	---	---	---
2	>90	49	47	49	48	50	45	59	>69	>69	---	---
3	>90	61	57	67	67	67	65	>69	>69	>69	>69	---
4	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
5	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
6	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
8	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69
9	---	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69
10	---	---	---	---	---	>69	>69	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 3500 MHz; -15.00 dBm.
LO IN: 3530 MHz; +4.00 dBm
IF OUT: 30 MHz; -21.04 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	+2	16	12	44	49	74	---	---	---	---
1	-	12	+0	29	16	45	42	52	58	---	---	---
2	80	37	37	39	39	47	38	55	73	70	---	---
3	>90	41	37	47	42	47	45	52	58	62	65	---
4	>90	73	65	58	64	59	60	59	57	67	74	76
5	>90	>79	>79	74	67	71	60	71	69	69	72	72
6	>90	>79	>79	>79	>79	>79	>79	69	75	>79	75	>79
7	---	---	>79	>79	>79	>79	>79	>79	76	>79	>79	>79
8	---	---	---	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	---	---	---	---	>79	>79	>79	>79	>79	>79	>79	>79
10	---	---	---	---	---	>79	>79	>79	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 3500 MHz; -5.00 dBm.
LO IN: 3530 MHz; +4.00 dBm
IF OUT: 30 MHz; -11.07 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.