

Frequency Mixer

MBA-35LH

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+7	+10	+13
1680.0	1710.0	10.81	10.39	10.26
1800.0	1830.0	9.80	9.45	9.25
1920.0	1950.0	8.90	8.50	8.18
2040.0	2070.0	8.30	7.89	7.58
2160.0	2190.0	7.66	7.27	7.01
2280.0	2310.0	6.99	6.66	6.48
2400.0	2430.0	6.39	6.13	5.99
2520.0	2550.0	6.19	5.96	5.87
2640.0	2670.0	6.19	6.02	6.02
2760.0	2790.0	6.16	6.12	6.22
2880.0	2910.0	6.23	6.20	6.27
3000.0	3030.0	6.16	6.00	5.96
3120.0	3150.0	6.08	5.85	5.76
3260.0	3290.0	6.06	5.80	5.68
3380.0	3410.0	5.86	5.59	5.48
3520.0	3550.0	5.69	5.43	5.34
3640.0	3670.0	5.79	5.57	5.51
3780.0	3810.0	6.10	5.83	5.75
3900.0	3930.0	6.06	5.82	5.77
4040.0	4070.0	6.20	5.96	5.90
4160.0	4190.0	6.31	6.04	5.95
4300.0	4330.0	6.17	5.92	5.81
4420.0	4450.0	6.17	5.95	5.85
4560.0	4590.0	6.04	5.88	5.82
4680.0	4710.0	5.92	5.77	5.87
4820.0	4850.0	6.11	5.83	5.93
4940.0	4970.0	6.15	5.83	5.94
5080.0	5110.0	6.20	5.75	5.78
5200.0	5230.0	6.58	6.04	5.96
5340.0	5370.0	7.16	6.42	6.28
5460.0	5490.0	7.34	6.62	6.50
5600.0	5630.0	7.80	7.01	6.91
5720.0	5750.0	8.34	7.42	7.26
5860.0	5890.0	8.42	7.58	7.46
5980.0	6010.0	8.79	8.00	7.90
6120.0	6150.0	9.16	8.49	8.36
6240.0	6270.0	9.26	8.86	8.70
6380.0	6410.0	9.63	9.39	9.28
6500.0	6530.0	10.04	9.87	9.81
6640.0	6670.0	10.46	10.28	10.21

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+7	+10	+13
1680.0	1710.0	13.61	10.98	8.23
1800.0	1830.0	13.19	11.39	10.95
1920.0	1950.0	13.22	12.94	13.16
2040.0	2070.0	15.65	16.04	15.71
2160.0	2190.0	15.30	15.95	15.48
2280.0	2310.0	14.29	15.23	15.60
2400.0	2430.0	14.09	15.67	17.21
2520.0	2550.0	12.59	15.14	17.20
2640.0	2670.0	11.43	14.02	16.26
2760.0	2790.0	10.71	12.72	14.75
2880.0	2910.0	11.31	12.33	13.79
3000.0	3030.0	12.62	12.62	13.38
3120.0	3150.0	16.42	15.42	16.29
3260.0	3290.0	12.41	12.28	12.58
3380.0	3410.0	10.78	11.34	11.63
3520.0	3550.0	10.58	11.33	11.85
3640.0	3670.0	11.59	11.86	12.29
3780.0	3810.0	12.87	13.89	13.69
3900.0	3930.0	12.81	13.93	14.06
4040.0	4070.0	13.46	14.49	14.76
4160.0	4190.0	14.09	14.82	15.08
4300.0	4330.0	14.56	15.51	15.72
4420.0	4450.0	14.93	16.38	16.31
4560.0	4590.0	14.32	16.26	15.20
4680.0	4710.0	12.66	13.28	14.67
4820.0	4850.0	12.48	13.19	15.46
4940.0	4970.0	12.53	13.19	14.78
5080.0	5110.0	14.40	13.96	15.11
5200.0	5230.0	16.01	15.29	15.59
5340.0	5370.0	19.13	15.74	15.95
5460.0	5490.0	20.06	15.43	15.53
5600.0	5630.0	13.44	12.60	12.60
5720.0	5750.0	25.83	16.35	15.91
5860.0	5890.0	21.49	16.15	14.53
5980.0	6010.0	19.28	16.43	15.54
6120.0	6150.0	17.76	16.83	16.59
6240.0	6270.0	16.92	17.12	17.01
6380.0	6410.0	16.93	17.69	18.80
6500.0	6530.0	17.09	17.88	19.56
6640.0	6670.0	17.76	18.60	19.91

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+5dBm (dB)		
		@LO (dBm)		
		+7	+10	+13
1680.0	1710.0	0.50	0.57	0.69
1800.0	1830.0	0.91	0.90	0.96
1920.0	1950.0	1.19	1.07	1.04
2040.0	2070.0	1.10	0.92	0.93
2160.0	2190.0	1.17	0.91	0.94
2280.0	2310.0	1.31	0.98	0.91
2400.0	2430.0	1.39	1.03	0.91
2520.0	2550.0	1.27	0.90	0.78
2640.0	2670.0	1.16	0.77	0.66
2760.0	2790.0	1.06	0.67	0.51
2880.0	2910.0	1.16	0.73	0.49
3000.0	3030.0	1.44	0.96	0.69
3120.0	3150.0	1.82	1.41	1.14
3260.0	3290.0	2.23	1.91	1.65
3380.0	3410.0	2.28	2.00	1.79
3520.0	3550.0	2.34	2.08	1.83
3640.0	3670.0	2.10	1.84	1.60
3780.0	3810.0	1.76	1.54	1.34
3900.0	3930.0	1.61	1.38	1.21
4040.0	4070.0	1.49	1.29	1.11
4160.0	4190.0	1.39	1.20	1.02
4300.0	4330.0	1.38	1.18	1.01
4420.0	4450.0	1.47	1.15	1.06
4560.0	4590.0	1.60	1.32	1.39
4680.0	4710.0	1.64	1.34	1.40
4820.0	4850.0	1.82	1.48	1.40
4940.0	4970.0	1.88	1.57	1.51
5080.0	5110.0	1.88	1.60	1.59
5200.0	5230.0	1.74	1.52	1.60
5340.0	5370.0	1.53	1.42	1.55
5460.0	5490.0	1.51	1.41	1.59
5600.0	5630.0	1.32	1.33	1.48
5720.0	5750.0	1.06	1.23	1.42
5860.0	5890.0	0.99	1.15	1.44
5980.0	6010.0	0.77	0.96	1.19
6120.0	6150.0	0.65	0.76	0.92
6240.0	6270.0	0.59	0.57	0.75
6380.0	6410.0	0.48	0.40	0.49
6500.0	6530.0	0.43	0.33	0.35
6640.0	6670.0	0.35	0.25	0.23

Frequency Mixer

MBA-35LH

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3500MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2989.89MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4010.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
2000.0	1500.0	8.74	10.1	3000.0	6.34	2330.1	1680.0	11.23
1889.4	1610.6	7.79	70.1	3060.0	6.03	2270.1	1740.0	10.56
1778.9	1721.1	7.27	130.1	3120.0	6.00	2210.1	1800.0	9.77
1668.3	1831.7	7.26	190.1	3180.0	6.13	2150.1	1860.0	8.98
1557.8	1942.2	7.58	250.1	3240.0	6.33	2090.1	1920.0	8.61
1447.2	2052.8	7.72	310.1	3300.0	6.59	2030.1	1980.0	7.93
1336.7	2163.3	7.18	370.1	3360.0	6.78	1970.1	2040.0	7.53
1226.1	2273.9	6.71	430.1	3420.0	6.80	1910.1	2100.0	7.29
1115.6	2384.4	6.71	490.1	3480.0	6.97	1850.1	2160.0	7.36
1023.4	2476.6	6.93	550.1	3540.0	7.06	1790.1	2220.0	7.35
912.9	2587.1	7.25	610.1	3600.0	7.13	1730.1	2280.0	7.29
820.7	2679.3	7.38	670.1	3660.0	7.13	1670.1	2340.0	7.12
710.2	2789.8	7.46	730.1	3720.0	7.21	1610.1	2400.0	6.84
618.1	2881.9	7.29	790.1	3780.0	7.33	1550.1	2460.0	6.55
507.5	2992.5	6.94	850.1	3840.0	7.37	1490.1	2520.0	6.44
415.4	3084.6	6.45	910.1	3900.0	7.52	1430.1	2580.0	6.44
304.8	3195.2	6.20	970.1	3960.0	7.64	1370.1	2640.0	6.53
212.7	3287.3	5.87	1030.1	4020.0	7.72	1310.1	2700.0	6.83
102.1	3397.9	5.58	1090.1	4080.0	7.86	1250.1	2760.0	7.01
10.0	3490.0	5.88	1150.1	4140.0	8.00	1190.1	2820.0	7.35
117.8	3617.8	5.53	1210.1	4200.0	8.19	1130.1	2880.0	7.56
225.6	3725.6	5.61	1270.1	4260.0	8.26	1070.1	2940.0	7.95
355.0	3855.0	5.86	1330.1	4320.0	8.25	1010.1	3000.0	8.07
462.8	3962.8	6.10	1390.1	4380.0	8.31	950.1	3060.0	8.07
592.1	4092.1	6.39	1450.1	4440.0	8.16	890.1	3120.0	7.98
699.9	4199.9	6.67	1510.1	4500.0	8.37	830.1	3180.0	7.74
829.3	4329.3	7.04	1570.1	4560.0	8.32	770.1	3240.0	7.65
937.1	4437.1	7.45	1630.1	4620.0	8.33	710.1	3300.0	7.65
1066.4	4566.4	7.79	1690.1	4680.0	8.30	650.1	3360.0	7.40
1174.2	4674.2	8.10	1750.1	4740.0	8.14	590.1	3420.0	7.13
1303.6	4803.6	8.24	1810.1	4800.0	8.03	530.1	3480.0	7.01
1411.4	4911.4	8.42	1870.1	4860.0	8.02	470.1	3540.0	6.84
1540.7	5040.7	8.53	1930.1	4920.0	7.76	410.1	3600.0	6.69
1648.5	5148.5	8.41	1990.1	4980.0	7.78	350.1	3660.0	6.50
1777.9	5277.9	8.37	2070.1	5060.0	7.75	290.1	3720.0	6.42
1885.7	5385.7	8.26	2130.1	5120.0	7.74	230.1	3780.0	6.28
2015.0	5515.0	8.18	2210.1	5200.0	7.85	170.1	3840.0	6.07
2122.8	5622.8	8.44	2270.1	5260.0	8.44	110.1	3900.0	5.94
2252.2	5752.2	9.26	2350.1	5340.0	9.14	70.1	3940.0	5.90
2360.0	5860.0	10.50	2410.1	5400.0	10.00	10.1	4000.0	6.12

Frequency Mixer

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+7	+10	+13	+7	+10	+13
1710.0	27.19	28.90	27.21	9.04	10.42	11.74
1830.0	26.34	27.49	26.10	9.18	10.39	11.41
1950.0	25.49	26.74	25.79	9.09	10.18	10.36
2070.0	23.98	24.84	24.68	8.70	9.18	9.45
2190.0	23.68	24.60	24.22	8.40	8.78	8.79
2310.0	23.92	24.52	23.86	8.41	8.67	8.50
2430.0	23.68	24.10	23.47	8.46	8.59	8.26
2550.0	23.41	23.39	22.95	8.78	8.47	8.15
2670.0	23.44	22.93	22.47	9.22	8.68	8.16
2790.0	23.90	23.03	21.86	9.37	8.65	7.86
2910.0	24.94	23.38	21.98	9.63	8.85	7.80
3030.0	27.04	23.60	21.94	10.29	8.98	8.13
3150.0	29.49	24.88	22.36	10.93	9.35	8.44
3290.0	28.64	25.50	23.10	11.30	9.81	8.50
3410.0	26.69	24.83	22.85	11.86	10.37	8.92
3550.0	24.73	23.57	22.16	12.55	10.82	9.40
3670.0	23.70	22.72	21.62	13.12	11.62	10.15
3810.0	23.11	22.35	21.30	14.07	12.49	11.05
3930.0	22.76	21.70	20.90	15.06	13.15	12.11
4070.0	22.21	21.80	20.92	16.43	14.24	13.08
4190.0	21.75	21.18	20.79	17.95	15.53	14.16
4330.0	21.19	20.79	20.41	20.31	17.36	15.63
4450.0	20.88	20.60	20.32	23.64	19.75	17.29
4590.0	20.25	20.35	19.89	27.30	23.34	20.20
4710.0	20.05	20.06	19.35	27.64	24.60	21.44
4850.0	19.55	19.55	18.82	30.85	25.86	21.87
4970.0	19.31	19.35	18.64	37.00	28.79	23.45
5110.0	18.86	19.15	18.37	39.24	31.89	24.40
5230.0	18.73	18.86	18.11	32.39	36.01	25.54
5370.0	18.68	18.50	17.83	26.77	31.12	26.69
5490.0	18.61	18.46	17.53	23.74	26.33	24.86
5630.0	18.68	18.49	17.48	20.79	21.93	22.27
5750.0	18.70	18.45	17.55	18.32	18.78	19.15
5890.0	18.85	18.59	17.54	15.59	15.93	16.12
6010.0	19.20	18.58	17.82	13.70	13.98	14.32
6150.0	19.31	18.72	18.12	11.93	12.46	12.92
6270.0	19.14	18.90	18.11	11.54	12.53	12.88
6410.0	19.13	19.34	18.78	11.69	12.71	13.28
6530.0	19.21	19.75	19.57	12.43	13.44	13.99
6670.0	19.45	20.28	20.34	13.67	14.58	14.96

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
1680.0	1710.0	20.41	18.36	16.89
1800.0	1830.0	20.59	18.94	17.29
1920.0	1950.0	20.11	18.99	17.70
2040.0	2070.0	18.68	17.73	17.32
2160.0	2190.0	17.68	17.34	17.42
2280.0	2310.0	17.79	17.76	17.83
2400.0	2430.0	17.81	18.04	18.12
2520.0	2550.0	17.26	17.65	17.76
2640.0	2670.0	16.61	16.96	17.10
2760.0	2790.0	15.84	16.05	16.30
2880.0	2910.0	15.45	15.55	15.64
3000.0	3030.0	15.11	15.26	15.38
3120.0	3150.0	15.39	15.62	15.74
3260.0	3290.0	16.40	16.68	16.75
3380.0	3410.0	17.42	17.52	17.50
3520.0	3550.0	18.57	18.43	18.31
3640.0	3670.0	19.05	18.75	18.42
3780.0	3810.0	19.13	18.70	18.25
3900.0	3930.0	19.05	18.34	17.92
4040.0	4070.0	18.69	17.99	17.52
4160.0	4190.0	18.60	17.84	17.38
4300.0	4330.0	18.37	17.85	17.42
4420.0	4450.0	18.16	17.78	17.53
4560.0	4590.0	17.15	16.57	16.27
4680.0	4710.0	16.01	15.29	15.18
4820.0	4850.0	16.46	15.78	15.10
4940.0	4970.0	17.01	16.43	15.64
5080.0	5110.0	16.68	16.96	16.59
5200.0	5230.0	16.68	17.30	17.46
5340.0	5370.0	16.91	17.69	18.30
5460.0	5490.0	17.45	17.98	18.81
5600.0	5630.0	18.54	18.35	18.34
5720.0	5750.0	19.74	18.59	17.80
5860.0	5890.0	21.20	18.85	17.05
5980.0	6010.0	23.15	19.03	16.85
6120.0	6150.0	22.91	18.48	16.33
6240.0	6270.0	21.32	18.58	16.53
6380.0	6410.0	20.03	18.51	17.06
6500.0	6530.0	19.49	18.52	17.57
6640.0	6670.0	18.92	18.37	17.72

Frequency Mixer

MBA-35LH

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=4000MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
1680.0	1710.0	7.44	6.35	5.47	1710.0	3.45	3.22	3.75	10.0	1.28	1.10	1.03
1800.0	1830.0	6.01	4.98	4.18	1830.0	2.75	2.84	3.40	50.0	1.29	1.13	1.08
1920.0	1950.0	4.87	4.15	3.59	1950.0	2.28	2.51	3.12	90.0	1.31	1.16	1.14
2040.0	2070.0	4.02	3.56	3.20	2070.0	1.94	2.27	2.85	130.0	1.38	1.23	1.19
2160.0	2190.0	3.33	3.03	2.81	2190.0	1.68	2.09	2.68	170.0	1.45	1.31	1.28
2280.0	2310.0	2.90	2.70	2.56	2310.0	1.45	1.94	2.53	210.0	1.50	1.37	1.32
2400.0	2430.0	2.56	2.46	2.38	2430.0	1.32	1.82	2.38	250.0	1.63	1.48	1.42
2520.0	2550.0	2.33	2.31	2.31	2550.0	1.31	1.79	2.30	290.0	1.69	1.54	1.49
2640.0	2670.0	2.20	2.26	2.34	2670.0	1.37	1.78	2.28	330.0	1.80	1.64	1.56
2760.0	2790.0	2.18	2.30	2.43	2790.0	1.40	1.70	2.13	370.0	1.92	1.76	1.68
2880.0	2910.0	2.16	2.29	2.42	2910.0	1.45	1.64	1.98	410.0	2.00	1.82	1.74
3000.0	3030.0	1.92	2.04	2.15	3030.0	1.46	1.55	1.90	450.0	2.19	1.98	1.87
3120.0	3150.0	1.58	1.70	1.83	3150.0	1.50	1.54	1.84	490.0	2.28	2.07	1.97
3260.0	3290.0	1.13	1.23	1.34	3290.0	1.46	1.47	1.75	530.0	2.40	2.16	2.03
3380.0	3410.0	1.24	1.25	1.30	3410.0	1.42	1.41	1.71	570.0	2.61	2.37	2.23
3520.0	3550.0	1.58	1.57	1.58	3550.0	1.35	1.42	1.77	610.0	2.63	2.37	2.23
3640.0	3670.0	1.85	1.82	1.83	3670.0	1.30	1.47	1.84	650.0	2.93	2.65	2.47
3780.0	3810.0	2.12	2.06	2.03	3810.0	1.32	1.61	2.05	690.0	2.93	2.66	2.50
3900.0	3930.0	2.24	2.18	2.14	3930.0	1.42	1.76	2.23	730.0	3.22	2.90	2.71
4040.0	4070.0	2.37	2.28	2.24	4070.0	1.62	1.97	2.45	770.0	3.36	3.06	2.88
4160.0	4190.0	2.43	2.32	2.25	4190.0	1.83	2.20	2.69	810.0	3.45	3.12	2.91
4300.0	4330.0	2.34	2.22	2.14	4330.0	2.11	2.46	2.95	850.0	3.73	3.40	3.18
4420.0	4450.0	2.28	2.17	2.09	4450.0	2.39	2.66	3.13	890.0	3.70	3.37	3.16
4560.0	4590.0	2.15	2.06	2.01	4590.0	2.75	2.96	3.40	930.0	4.01	3.66	3.42
4680.0	4710.0	2.01	1.93	1.93	4710.0	3.11	3.18	3.56	970.0	4.01	3.67	3.46
4820.0	4850.0	2.03	1.92	1.92	4850.0	3.75	3.59	3.82	1010.0	4.21	3.86	3.62
4940.0	4970.0	2.03	1.97	2.00	4970.0	4.24	3.86	3.98	1050.0	4.35	4.01	3.79
5080.0	5110.0	2.06	2.00	2.06	5110.0	4.73	4.09	4.09	1110.0	4.38	4.07	3.84
5200.0	5230.0	2.32	2.25	2.29	5230.0	5.20	4.25	4.09	1150.0	4.42	4.13	3.92
5340.0	5370.0	2.52	2.40	2.44	5370.0	5.66	4.33	3.95	1210.0	4.53	4.23	4.00
5460.0	5490.0	2.81	2.67	2.71	5490.0	5.63	4.22	3.74	1250.0	4.53	4.21	3.98
5600.0	5630.0	3.33	3.11	3.14	5630.0	5.56	4.03	3.42	1310.0	4.56	4.30	4.09
5720.0	5750.0	3.54	3.25	3.23	5750.0	5.20	3.65	2.98	1350.0	4.45	4.19	3.99
5860.0	5890.0	4.01	3.69	3.60	5890.0	4.15	2.90	2.35	1410.0	4.78	4.44	4.18
5980.0	6010.0	4.50	4.10	3.99	6010.0	3.42	2.32	1.82	1450.0	4.60	4.26	4.00
6120.0	6150.0	4.98	4.60	4.44	6150.0	2.61	1.75	1.32	1510.0	4.62	4.27	3.97
6240.0	6270.0	5.25	5.03	4.84	6270.0	1.97	1.34	1.04	1550.0	4.52	4.14	3.84
6380.0	6410.0	5.97	5.81	5.61	6410.0	1.50	1.26	1.47	1610.0	4.60	4.24	3.91
6500.0	6530.0	6.26	6.17	6.01	6530.0	1.34	1.54	1.90	1650.0	4.45	4.05	3.72
6640.0	6670.0	6.81	6.73	6.58	6670.0	1.45	1.90	2.40	1710.0	4.47	4.01	3.64

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	6	10	30	49	42	---	---	---	---
1	-	7	+0	22	10	26	31	43	55	---	---	---
2	69	33	28	29	31	37	38	44	61	53	---	---
3	>90	37	34	35	34	36	47	44	49	48	60	---
4	>90	55	60	49	47	43	47	51	48	53	62	61
5	>90	68	60	65	61	52	47	52	55	57	55	56
6	>90	>79	77	70	74	68	62	62	62	58	57	62
7	---	---	>79	>79	76	>79	70	67	60	63	68	68
8	---	---	---	>79	>79	>79	>79	69	78	69	70	69
9	---	---	---	---	>79	>79	>79	>79	>79	>79	70	72
10	---	---	---	---	---	>79	>79	>79	>79	79	>79	77
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 3500 MHz; 0.00 dBm.
 LO IN: 3530 MHz; +10.00 dBm
 IF OUT: 30 MHz; -11.3 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+20	+4	+1	17	27	34	---	---	---	---
1	-	7	+0	17	10	23	28	31	45	---	---	---
2	>90	46	36	36	38	50	41	45	61	51	---	---
3	>90	58	58	51	54	53	57	61	57	57	>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; -10.00 dBm.
 LO IN: 3530 MHz; +10.00 dBm
 IF OUT: 30 MHz; -21.2 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.