

Frequency Mixer

MBA-EE7756/17

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+10	+13	+16
1500.0	1530.0	7.69	6.90	6.57
1600.0	1630.0	7.14	6.34	6.06
1700.0	1730.0	6.49	5.88	5.67
1800.0	1830.0	5.88	5.56	5.44
1900.0	1930.0	5.72	5.45	5.33
2000.0	2030.0	5.55	5.35	5.23
2100.0	2130.0	5.53	5.32	5.20
2200.0	2230.0	5.40	5.26	5.18
2300.0	2330.0	5.26	5.06	5.03
2400.0	2430.0	5.14	4.97	4.93
2500.0	2530.0	5.16	5.00	4.89
2600.0	2630.0	5.14	4.99	4.89
2700.0	2730.0	5.22	5.12	5.06
2800.0	2830.0	5.46	5.35	5.34
2900.0	2930.0	6.34	5.90	5.75
3000.0	3030.0	6.53	6.00	5.68
3100.0	3130.0	6.21	5.86	5.64
3200.0	3230.0	6.02	5.67	5.52
3300.0	3330.0	5.92	5.63	5.52
3400.0	3430.0	5.81	5.49	5.37
3500.0	3530.0	5.72	5.41	5.30
3600.0	3630.0	5.73	5.34	5.21
3700.0	3730.0	5.65	5.34	5.17
3800.0	3830.0	5.54	5.30	5.16
3900.0	3930.0	5.32	5.14	5.04
4000.0	4030.0	5.21	4.99	4.92
4100.0	4130.0	5.13	4.86	4.86
4200.0	4230.0	5.36	4.88	4.82
4300.0	4330.0	5.56	5.04	4.98
4400.0	4430.0	5.71	5.24	5.21
4500.0	4530.0	6.02	5.17	5.00
4600.0	4630.0	6.34	5.69	5.43
4720.0	4750.0	6.61	6.25	5.94
4820.0	4850.0	6.91	6.62	6.43
4940.0	4970.0	7.17	6.97	6.91
5040.0	5070.0	7.68	7.48	7.43
5160.0	5190.0	8.22	8.05	8.13
5260.0	5290.0	8.88	8.56	8.74
5380.0	5410.0	9.61	9.21	9.30
5480.0	5510.0	10.32	9.72	9.73

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+10	+13	+16
1500.0	1530.0	15.51	14.62	12.85
1600.0	1630.0	14.03	14.88	13.55
1700.0	1730.0	13.75	14.50	13.41
1800.0	1830.0	14.07	14.05	14.19
1900.0	1930.0	15.52	16.30	17.28
2000.0	2030.0	16.91	17.48	18.17
2100.0	2130.0	14.92	15.64	16.51
2200.0	2230.0	13.70	14.53	15.53
2300.0	2330.0	14.21	15.82	16.64
2400.0	2430.0	15.94	17.08	17.97
2500.0	2530.0	17.65	19.32	20.34
2600.0	2630.0	19.28	20.60	25.69
2700.0	2730.0	17.58	22.04	23.29
2800.0	2830.0	18.46	22.93	22.84
2900.0	2930.0	21.86	21.63	22.21
3000.0	3030.0	15.46	15.01	15.21
3100.0	3130.0	13.50	13.98	14.41
3200.0	3230.0	14.49	14.80	15.31
3300.0	3330.0	14.48	14.77	15.07
3400.0	3430.0	14.44	15.14	15.23
3500.0	3530.0	14.08	15.44	15.79
3600.0	3630.0	14.10	15.36	16.47
3700.0	3730.0	14.12	15.02	15.93
3800.0	3830.0	14.09	15.42	16.36
3900.0	3930.0	14.56	16.39	17.35
4000.0	4030.0	13.87	16.35	18.15
4100.0	4130.0	14.73	15.86	18.40
4200.0	4230.0	14.80	14.91	17.18
4300.0	4330.0	16.83	15.70	17.13
4400.0	4430.0	20.56	15.97	16.40
4500.0	4530.0	24.53	17.90	17.38
4600.0	4630.0	21.30	19.82	18.33
4720.0	4750.0	18.42	20.42	19.26
4820.0	4850.0	17.47	20.87	19.33
4940.0	4970.0	15.76	20.70	19.44
5040.0	5070.0	14.68	22.04	19.18
5160.0	5190.0	14.36	20.40	19.78
5260.0	5290.0	15.58	21.51	18.92
5380.0	5410.0	17.19	17.47	16.18
5480.0	5510.0	18.55	16.05	17.30

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+9dBm (dB)		
		@LO (dBm)		
		+10	+13	+16
1500.0	1530.0	1.05	1.08	1.10
1600.0	1630.0	1.30	1.32	1.18
1700.0	1730.0	1.48	1.35	1.17
1800.0	1830.0	1.54	1.24	1.21
1900.0	1930.0	1.60	1.30	1.17
2000.0	2030.0	1.47	1.21	1.05
2100.0	2130.0	1.29	0.98	0.89
2200.0	2230.0	1.17	0.87	0.73
2300.0	2330.0	1.26	0.89	0.72
2400.0	2430.0	1.22	0.75	0.59
2500.0	2530.0	1.18	0.75	0.52
2600.0	2630.0	1.27	0.82	0.54
2700.0	2730.0	1.54	0.98	0.82
2800.0	2830.0	2.22	1.65	1.48
2900.0	2930.0	2.55	2.04	1.86
3000.0	3030.0	2.32	2.14	1.93
3100.0	3130.0	2.22	2.01	1.80
3200.0	3230.0	1.91	1.69	1.62
3300.0	3330.0	1.84	1.59	1.45
3400.0	3430.0	1.75	1.53	1.44
3500.0	3530.0	1.71	1.50	1.43
3600.0	3630.0	1.63	1.45	1.39
3700.0	3730.0	1.72	1.51	1.43
3800.0	3830.0	1.77	1.45	1.37
3900.0	3930.0	1.96	1.56	1.47
4000.0	4030.0	2.18	1.57	1.55
4100.0	4130.0	2.04	1.38	1.35
4200.0	4230.0	1.99	1.37	1.21
4300.0	4330.0	2.04	1.48	1.35
4400.0	4430.0	2.08	1.63	1.39
4500.0	4530.0	1.83	1.63	1.51
4600.0	4630.0	1.67	1.48	1.42
4720.0	4750.0	1.55	1.06	1.27
4820.0	4850.0	1.38	0.99	1.16
4940.0	4970.0	1.13	0.83	0.95
5040.0	5070.0	1.01	0.81	0.92
5160.0	5190.0	0.82	0.83	0.88
5260.0	5290.0	0.67	0.89	0.83
5380.0	5410.0	0.86	1.19	1.15
5480.0	5510.0	0.98	1.27	1.09

Frequency Mixer

MBA-EE7756/17

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2400MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1589.9MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3210.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+13			+13			+13
900.0	1500.0	4.99	10.1	1600.0	6.62	1290.1	1920.0	10.86
853.2	1546.8	4.86	50.1	1640.0	6.48	1250.1	1960.0	9.85
806.3	1593.7	4.65	90.1	1680.0	6.54	1210.1	2000.0	9.00
759.5	1640.5	4.51	130.1	1720.0	6.64	1170.1	2040.0	8.14
712.6	1687.4	4.51	170.1	1760.0	6.65	1130.1	2080.0	7.29
665.8	1734.2	4.59	210.1	1800.0	6.68	1090.1	2120.0	6.64
618.9	1781.1	4.69	250.1	1840.0	6.82	1050.1	2160.0	6.21
572.1	1827.9	4.65	290.1	1880.0	6.73	1010.1	2200.0	6.10
525.3	1874.7	4.52	330.1	1920.0	6.79	970.1	2240.0	6.29
478.4	1921.6	4.46	350.1	1940.0	6.83	930.1	2280.0	6.48
431.6	1968.4	4.45	390.1	1980.0	6.85	890.1	2320.0	6.82
384.7	2015.3	4.50	410.1	2000.0	6.92	850.1	2360.0	7.00
337.9	2062.1	4.57	450.1	2040.0	7.07	810.1	2400.0	7.25
291.1	2108.9	4.61	470.1	2060.0	7.03	790.1	2420.0	7.33
244.2	2155.8	4.64	510.1	2100.0	7.04	750.1	2460.0	7.55
197.4	2202.6	4.66	530.1	2120.0	7.12	730.1	2480.0	7.64
150.5	2249.5	4.75	570.1	2160.0	7.15	690.1	2520.0	7.85
103.7	2296.3	4.91	590.1	2180.0	7.17	670.1	2540.0	8.04
56.8	2343.2	5.01	630.1	2220.0	7.31	630.1	2580.0	8.12
10.0	2390.0	5.33	650.1	2240.0	7.30	610.1	2600.0	8.22
58.8	2458.8	4.98	690.1	2280.0	7.35	570.1	2640.0	8.27
131.9	2531.9	4.97	710.1	2300.0	7.30	550.1	2660.0	8.04
205.1	2605.1	4.92	750.1	2340.0	7.31	510.1	2700.0	7.91
278.2	2678.2	4.74	770.1	2360.0	7.27	490.1	2720.0	7.83
351.4	2751.4	4.60	810.1	2400.0	7.17	450.1	2760.0	7.73
424.6	2824.6	4.99	830.1	2420.0	7.37	430.1	2780.0	7.59
497.7	2897.7	5.46	870.1	2460.0	7.37	390.1	2820.0	7.26
570.9	2970.9	5.80	890.1	2480.0	7.30	370.1	2840.0	7.14
644.0	3044.0	6.06	930.1	2520.0	7.50	330.1	2880.0	6.85
717.2	3117.2	6.46	950.1	2540.0	7.56	310.1	2900.0	6.71
790.4	3190.4	7.10	990.1	2580.0	7.81	270.1	2940.0	6.35
863.5	3263.5	7.68	1010.1	2600.0	7.85	250.1	2960.0	6.10
936.7	3336.7	8.36	1050.1	2640.0	7.91	210.1	3000.0	5.87
1009.8	3409.8	9.01	1070.1	2660.0	8.07	190.1	3020.0	5.80
1083.0	3483.0	9.58	1110.1	2700.0	8.38	150.1	3060.0	5.77
1156.1	3556.1	9.57	1130.1	2720.0	8.38	130.1	3080.0	5.83
1204.9	3604.9	9.57	1170.1	2760.0	8.84	90.1	3120.0	5.77
1278.1	3678.1	9.92	1190.1	2780.0	9.12	70.1	3140.0	5.68
1326.8	3726.8	9.92	1230.1	2820.0	9.64	30.1	3180.0	5.67
1400.0	3800.0	10.71	1250.1	2840.0	9.78	10.1	3200.0	5.93

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Frequency Mixer

MBA-EE7756/17

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+10	+13	+16	+10	+13	+16
1530.0	29.51	36.53	60.29	12.09	12.58	12.58
1630.0	28.87	37.28	45.82	12.71	12.83	12.60
1730.0	28.65	38.61	40.61	13.61	13.58	13.24
1830.0	28.15	39.99	37.93	14.95	14.52	14.00
1930.0	28.09	42.02	36.71	16.04	15.46	14.79
2030.0	28.29	41.89	35.24	17.29	16.61	16.04
2130.0	28.02	40.62	34.36	18.44	17.86	17.31
2230.0	29.10	42.17	33.80	19.91	19.31	19.03
2330.0	31.17	38.09	30.81	21.59	21.24	21.41
2430.0	31.63	35.41	29.48	23.61	23.72	24.05
2530.0	30.64	35.81	29.42	26.19	26.96	28.01
2630.0	32.80	32.34	26.65	28.84	30.01	30.83
2730.0	31.68	27.67	24.94	28.93	28.39	27.66
2830.0	31.79	29.00	26.54	27.67	25.71	24.46
2930.0	32.29	33.13	31.33	25.74	23.50	22.27
3030.0	36.70	44.40	34.19	23.45	21.84	20.33
3130.0	44.62	34.42	29.62	21.35	20.33	19.01
3230.0	35.21	29.76	26.79	19.61	18.79	17.94
3330.0	31.25	27.65	25.29	18.28	17.93	17.22
3430.0	28.61	26.21	24.28	17.04	17.04	16.60
3530.0	26.60	24.73	23.28	15.97	16.37	16.22
3630.0	25.09	23.21	21.98	15.19	15.76	15.77
3730.0	23.51	21.92	20.89	14.68	15.20	15.42
3830.0	22.17	20.80	19.84	14.46	15.05	15.27
3930.0	20.65	19.61	18.50	13.90	14.89	15.19
4030.0	19.93	18.69	17.56	13.48	14.56	15.00
4130.0	19.67	18.62	17.38	13.24	14.35	14.74
4230.0	19.13	18.86	17.86	13.08	14.14	14.54
4330.0	18.22	18.38	17.68	13.25	14.05	14.44
4430.0	17.87	18.23	17.63	13.61	14.05	14.53
4530.0	17.24	17.47	17.30	14.54	14.04	14.58
4630.0	17.72	17.46	17.33	16.82	14.04	14.64
4750.0	17.52	17.66	17.70	17.70	14.11	14.78
4850.0	17.01	18.12	18.41	13.72	14.05	14.86
4970.0	16.86	18.56	19.38	11.98	13.78	14.87
5070.0	16.80	18.39	19.35	11.69	14.01	15.34
5190.0	16.49	17.46	17.94	11.92	14.52	16.29
5290.0	15.70	16.14	16.38	12.35	15.10	17.46
5410.0	14.13	14.59	14.60	13.37	16.56	19.74
5510.0	12.87	13.41	13.92	14.94	19.15	21.10

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+10	+13	+16
1500.0	1530.0	25.37	25.10	24.51
1600.0	1630.0	23.50	22.76	22.20
1700.0	1730.0	21.23	20.90	20.74
1800.0	1830.0	19.58	19.61	19.62
1900.0	1930.0	18.56	18.63	18.67
2000.0	2030.0	17.58	17.75	17.79
2100.0	2130.0	16.67	16.91	17.10
2200.0	2230.0	15.95	16.35	16.64
2300.0	2330.0	16.27	16.54	16.74
2400.0	2430.0	16.88	17.01	17.28
2500.0	2530.0	17.00	17.41	17.62
2600.0	2630.0	17.31	17.68	17.86
2700.0	2730.0	17.36	17.51	17.71
2800.0	2830.0	16.93	17.18	17.45
2900.0	2930.0	16.51	17.08	17.37
3000.0	3030.0	16.92	17.66	18.13
3100.0	3130.0	17.76	18.30	18.88
3200.0	3230.0	18.43	18.81	19.23
3300.0	3330.0	19.11	19.39	19.68
3400.0	3430.0	19.99	20.21	20.42
3500.0	3530.0	20.76	21.08	21.25
3600.0	3630.0	21.48	21.63	21.68
3700.0	3730.0	22.01	22.27	21.95
3800.0	3830.0	21.78	22.31	22.24
3900.0	3930.0	21.65	22.04	22.06
4000.0	4030.0	21.77	22.45	22.62
4100.0	4130.0	22.50	23.84	24.18
4200.0	4230.0	21.56	23.31	23.41
4300.0	4330.0	21.11	23.21	23.00
4400.0	4430.0	20.75	23.42	22.84
4500.0	4530.0	20.67	24.69	23.75
4600.0	4630.0	20.24	26.29	24.22
4720.0	4750.0	20.99	29.47	23.81
4820.0	4850.0	23.98	29.90	22.69
4940.0	4970.0	25.74	24.71	19.67
5040.0	5070.0	23.32	21.70	17.60
5160.0	5190.0	19.95	18.99	15.51
5260.0	5290.0	18.16	17.26	14.23
5380.0	5410.0	15.99	15.39	12.52
5480.0	5510.0	14.04	13.05	10.99

Frequency Mixer

MBA-EE7756/17

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=3200MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+10	+13	+16		+10	+13	+16		+10	+13	+16
1500.0	1530.0	4.79	4.19	3.79	1530.0	3.43	2.77	3.06	10.0	1.08	1.08	1.24
1600.0	1630.0	3.98	3.44	3.08	1630.0	2.99	2.62	2.97	30.0	1.13	1.04	1.19
1700.0	1730.0	3.18	2.79	2.54	1730.0	2.74	2.46	2.83	50.0	1.15	1.05	1.19
1800.0	1830.0	2.52	2.29	2.13	1830.0	2.33	2.18	2.68	70.0	1.17	1.12	1.23
1900.0	1930.0	2.09	1.95	1.87	1930.0	1.92	2.00	2.59	90.0	1.14	1.13	1.26
2000.0	2030.0	1.82	1.71	1.65	2030.0	1.66	1.89	2.55	110.0	1.14	1.08	1.21
2100.0	2130.0	1.60	1.52	1.50	2130.0	1.47	1.81	2.51	130.0	1.21	1.11	1.19
2200.0	2230.0	1.42	1.39	1.42	2230.0	1.34	1.77	2.48	150.0	1.27	1.17	1.21
2300.0	2330.0	1.28	1.36	1.45	2330.0	1.23	1.73	2.45	190.0	1.24	1.18	1.25
2400.0	2430.0	1.22	1.37	1.52	2430.0	1.16	1.70	2.41	210.0	1.28	1.18	1.21
2500.0	2530.0	1.17	1.34	1.52	2530.0	1.14	1.69	2.38	250.0	1.41	1.29	1.26
2600.0	2630.0	1.18	1.39	1.59	2630.0	1.14	1.65	2.32	270.0	1.42	1.31	1.30
2700.0	2730.0	1.25	1.40	1.53	2730.0	1.05	1.60	2.28	310.0	1.46	1.30	1.25
2800.0	2830.0	1.10	1.16	1.22	2830.0	1.07	1.61	2.28	330.0	1.54	1.37	1.29
2900.0	2930.0	1.43	1.35	1.32	2930.0	1.13	1.62	2.30	370.0	1.59	1.42	1.34
3000.0	3030.0	1.90	1.75	1.65	3030.0	1.21	1.66	2.31	390.0	1.60	1.41	1.32
3100.0	3130.0	2.15	2.00	1.90	3130.0	1.26	1.72	2.36	430.0	1.79	1.55	1.41
3200.0	3230.0	2.26	2.09	1.98	3230.0	1.33	1.79	2.42	450.0	1.82	1.59	1.45
3300.0	3330.0	2.31	2.15	2.05	3330.0	1.41	1.87	2.49	490.0	1.88	1.63	1.46
3400.0	3430.0	2.35	2.18	2.06	3430.0	1.53	1.96	2.57	510.0	1.98	1.71	1.53
3500.0	3530.0	2.33	2.14	2.03	3530.0	1.66	2.04	2.62	550.0	2.13	1.82	1.65
3600.0	3630.0	2.33	2.08	1.95	3630.0	1.81	2.13	2.68	570.0	2.14	1.83	1.66
3700.0	3730.0	2.25	2.04	1.90	3730.0	1.94	2.23	2.75	610.0	2.34	2.01	1.82
3800.0	3830.0	2.06	1.87	1.76	3830.0	2.02	2.21	2.70	630.0	2.46	2.11	1.91
3900.0	3930.0	1.78	1.65	1.58	3930.0	2.22	2.24	2.65	670.0	2.52	2.18	1.98
4000.0	4030.0	1.56	1.44	1.41	4030.0	2.62	2.42	2.68	690.0	2.63	2.28	2.07
4100.0	4130.0	1.43	1.28	1.29	4130.0	3.01	2.56	2.67	730.0	2.89	2.52	2.28
4200.0	4230.0	1.44	1.24	1.26	4230.0	3.31	2.67	2.66	750.0	2.92	2.56	2.33
4300.0	4330.0	1.51	1.37	1.40	4330.0	3.56	2.75	2.59	790.0	3.08	2.73	2.50
4400.0	4430.0	1.56	1.47	1.57	4430.0	3.78	2.71	2.48	810.0	3.28	2.92	2.67
4500.0	4530.0	1.91	1.73	1.77	4530.0	3.94	2.64	2.30	850.0	3.42	3.07	2.82
4600.0	4630.0	2.18	2.05	2.06	4630.0	4.04	2.50	2.07	870.0	3.50	3.18	2.93
4720.0	4750.0	2.56	2.39	2.37	4750.0	3.80	2.19	1.75	910.0	3.82	3.49	3.24
4820.0	4850.0	2.89	2.61	2.59	4850.0	3.32	1.91	1.43	930.0	3.95	3.59	3.31
4940.0	4970.0	3.22	2.76	2.71	4970.0	2.83	1.62	1.12	970.0	4.15	3.82	3.56
5040.0	5070.0	3.51	2.92	2.77	5070.0	2.34	1.39	1.09	990.0	4.28	3.98	3.73
5160.0	5190.0	3.57	2.92	2.66	5190.0	1.80	1.22	1.41	1030.0	4.53	4.25	3.99
5260.0	5290.0	3.34	2.69	2.37	5290.0	1.50	1.36	1.73	1050.0	4.72	4.40	4.12
5380.0	5410.0	3.27	2.59	2.15	5410.0	1.40	1.67	2.13	1090.0	5.03	4.69	4.41
5480.0	5510.0	3.03	2.42	2.09	5510.0	1.50	1.91	2.40	1110.0	5.03	4.73	4.44

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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	9	3	17	15	34	34	41	38	---
1	-	12	+0	22	14	32	23	32	38	56	62	47
2	73	45	47	36	43	53	40	54	45	64	52	68
3	>90	61	64	66	67	57	57	58	57	73	57	69
4	>90	>79	75	76	73	64	72	76	74	72	75	76
5	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
6	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
8	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	---	---	>79	>79	>79	>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: 2400 MHz; -6.00 dBm.
LO IN: 2430 MHz; +13.00 dBm
IF OUT: 30 MHz; -11.22 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	20	15	34	31	47	65	53	56	---
1	-	12	+0	25	16	37	27	37	65	60	59	72
2	52	36	41	31	37	45	36	43	41	53	58	63
3	86	41	47	50	62	40	39	45	42	52	53	63
4	>90	61	53	54	53	43	52	54	53	57	58	60
5	>90	64	60	68	65	62	52	55	62	55	59	62
6	>90	74	81	72	65	70	65	55	64	64	68	59
7	>90	88	75	74	77	79	79	76	63	69	80	66
8	>90	87	86	>89	87	88	75	79	75	68	76	80
9	>90	>89	85	>89	86	86	>89	85	>89	>89	75	83
10	---	---	>89	>89	>89	>89	>89	>89	88	87	>89	85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2400 MHz; 4.00 dBm.
LO IN: 2430 MHz; +13.00 dBm
IF OUT: 30 MHz; -1.24 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.

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