

# Frequency Mixer

# RMS-42MH+

## Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+9dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+10	+13	+16			+10	+13	+16			+10	+13	+16
500.1	530.1	15.68	15.15	14.76	500.1	530.1	28.26	27.29	31.27	500.1	530.1	-0.01	-0.01	-0.01
600.1	630.1	13.47	12.86	12.53	600.1	630.1	27.76	29.55	28.56	600.1	630.1	0.04	0.02	0.01
700.1	730.1	11.62	11.00	10.67	700.1	730.1	25.37	25.24	25.34	700.1	730.1	0.07	0.07	0.04
800.1	830.1	10.83	10.18	9.77	800.1	830.1	18.77	21.19	24.56	800.1	830.1	-0.20	-0.08	-0.01
900.1	930.1	10.60	9.82	9.30	900.1	930.1	13.29	14.06	15.62	900.1	930.1	-0.34	-0.16	-0.02
1000.1	1030.1	8.24	7.22	6.61	1000.1	1030.1	12.01	12.60	12.50	1000.1	1030.1	1.21	1.37	1.31
1100.1	1130.1	5.87	5.37	5.08	1100.1	1130.1	10.65	12.10	13.17	1100.1	1130.1	2.94	2.47	2.08
1200.1	1230.1	5.67	5.23	4.97	1200.1	1230.1	14.03	15.30	16.42	1200.1	1230.1	2.94	2.32	1.92
1300.1	1330.1	6.39	6.10	5.89	1300.1	1330.1	15.85	17.38	18.49	1300.1	1330.1	1.80	1.48	1.29
1400.1	1430.1	5.69	5.49	5.42	1400.1	1430.1	17.91	19.00	18.90	1400.1	1430.1	1.36	1.04	0.88
1500.1	1530.1	5.62	5.30	5.12	1500.1	1530.1	15.83	20.31	22.18	1500.1	1530.1	1.16	0.65	0.54
1600.1	1630.1	5.53	5.10	4.94	1600.1	1630.1	16.51	17.56	21.85	1600.1	1630.1	1.20	0.48	0.26
1700.1	1730.1	5.98	5.31	5.11	1700.1	1730.1	22.25	24.19	25.34	1700.1	1730.1	1.12	0.61	0.34
1800.1	1830.1	7.37	6.15	5.70	1800.1	1830.1	13.99	23.21	29.81	1800.1	1830.1	0.76	0.80	0.60
1900.1	1930.1	8.25	6.54	5.65	1900.1	1930.1	14.07	18.94	18.07	1900.1	1930.1	0.67	1.03	1.10
2000.1	2030.1	7.44	5.91	5.25	2000.1	2030.1	12.84	15.22	15.35	2000.1	2030.1	1.42	1.46	1.35
2100.1	2130.1	7.16	5.71	5.05	2100.1	2130.1	11.17	14.42	16.65	2100.1	2130.1	1.59	1.42	1.28
2200.1	2230.1	6.95	5.85	5.33	2200.1	2230.1	11.14	13.11	15.48	2200.1	2230.1	1.63	1.41	1.22
2300.1	2330.1	7.00	5.83	5.36	2300.1	2330.1	10.87	12.98	15.72	2300.1	2330.1	1.16	0.99	0.95
2400.1	2430.1	7.35	6.31	5.77	2400.1	2430.1	11.62	13.00	15.59	2400.1	2430.1	0.97	0.68	0.70
2480.1	2510.1	7.44	6.61	6.23	2480.1	2510.1	13.43	13.36	14.76	2480.1	2510.1	0.87	0.46	0.44
2580.1	2610.1	7.84	6.91	6.55	2580.1	2610.1	14.80	15.10	16.71	2580.1	2610.1	0.41	0.25	0.28
2660.1	2690.1	8.05	7.15	6.88	2660.1	2690.1	17.87	15.99	18.16	2660.1	2690.1	0.26	0.18	0.21
2760.1	2790.1	8.56	7.65	7.23	2760.1	2790.1	21.00	20.89	18.41	2760.1	2790.1	0.12	0.12	0.16
2840.1	2870.1	8.86	8.05	7.64	2840.1	2870.1	19.35	22.85	22.41	2840.1	2870.1	0.07	0.14	0.19
2940.1	2970.1	9.02	8.33	7.88	2940.1	2970.1	19.00	20.58	23.21	2940.1	2970.1	0.11	0.17	0.23
3020.1	3050.1	8.85	8.35	8.22	3020.1	3050.1	22.69	21.39	24.51	3020.1	3050.1	0.40	0.20	0.23
3120.1	3150.1	8.96	8.28	8.14	3120.1	3150.1	19.07	22.65	24.05	3120.1	3150.1	0.40	0.24	0.27
3200.1	3230.1	8.97	8.31	8.20	3200.1	3230.1	21.21	21.45	24.23	3200.1	3230.1	0.45	0.25	0.21
3300.1	3330.1	8.63	8.11	7.92	3300.1	3330.1	20.78	21.47	22.30	3300.1	3330.1	0.50	0.24	0.14
3380.1	3410.1	8.20	7.78	7.63	3380.1	3410.1	20.50	22.68	20.98	3380.1	3410.1	0.54	0.27	0.18
3480.1	3510.1	7.96	7.53	7.34	3480.1	3510.1	21.90	23.37	20.95	3480.1	3510.1	0.55	0.34	0.21
3560.1	3590.1	7.82	7.30	6.98	3560.1	3590.1	24.17	25.04	22.49	3560.1	3590.1	0.55	0.38	0.29
3660.1	3690.1	7.66	7.15	6.84	3660.1	3690.1	20.69	20.54	20.36	3660.1	3690.1	0.61	0.37	0.26
3740.1	3770.1	7.35	6.91	6.63	3740.1	3770.1	18.23	18.10	18.17	3740.1	3770.1	0.81	0.47	0.34
3840.1	3870.1	7.18	6.81	6.57	3840.1	3870.1	15.50	15.72	16.08	3840.1	3870.1	1.00	0.57	0.38
3920.1	3950.1	7.26	6.91	6.68	3920.1	3950.1	14.56	15.17	15.74	3920.1	3950.1	1.07	0.62	0.41
4020.1	4050.1	7.67	7.34	7.11	4020.1	4050.1	13.50	14.66	15.99	4020.1	4050.1	0.99	0.54	0.36
4100.1	4130.1	8.30	8.00	7.80	4100.1	4130.1	16.05	17.51	18.61	4100.1	4130.1	0.86	0.45	0.30
4200.1	4230.1	9.05	8.86	8.74	4200.1	4230.1	19.50	22.47	23.74	4200.1	4230.1	0.93	0.46	0.27

# Frequency Mixer

# RMS-42MH+

## Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2100.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=800.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4200.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+13			+13			+13
500.0	1600.1	8.38	10.0	810.1	6.01	800.0	3400.1	7.74
487.4	1612.7	8.48	30.3	830.4	5.88	779.7	3420.4	7.80
474.9	1625.2	8.51	50.5	850.6	5.85	759.5	3440.6	7.85
462.3	1637.8	8.53	70.8	870.9	5.82	739.2	3460.9	7.82
449.7	1650.4	8.62	91.0	891.1	5.81	719.0	3481.1	7.77
437.2	1662.9	8.66	111.3	911.4	5.61	698.7	3501.4	7.83
424.6	1675.5	8.70	131.5	931.6	5.64	678.5	3521.6	7.87
412.1	1688.0	8.70	151.8	951.9	5.74	658.2	3541.9	8.01
399.5	1700.6	8.68	172.1	972.2	5.90	637.9	3562.2	8.05
386.9	1713.2	8.75	192.3	992.4	6.09	617.7	3582.4	8.06
374.4	1725.7	8.77	212.6	1012.7	6.22	597.4	3602.7	8.01
361.8	1738.3	8.72	232.8	1032.9	6.41	577.2	3622.9	8.01
349.2	1750.9	8.70	253.1	1053.2	6.48	556.9	3643.2	8.08
336.7	1763.4	8.64	273.3	1073.4	6.61	536.7	3663.4	8.11
324.1	1776.0	8.58	293.6	1093.7	6.58	516.4	3683.7	8.12
311.5	1788.6	8.52	313.8	1113.9	6.73	496.2	3703.9	8.05
299.0	1801.1	8.41	334.1	1134.2	6.79	475.9	3724.2	8.05
286.4	1813.7	8.34	354.4	1154.5	6.66	455.6	3744.5	8.10
273.8	1826.3	8.29	374.6	1174.7	6.63	435.4	3764.7	8.18
261.3	1838.8	8.24	394.9	1195.0	6.27	415.1	3785.0	8.16
248.7	1851.4	8.13	415.1	1215.2	6.04	394.9	3805.2	8.14
236.2	1863.9	8.06	435.4	1235.5	5.78	374.6	3825.5	8.21
223.6	1876.5	8.04	455.6	1255.7	5.48	354.4	3845.7	8.24
211.0	1889.1	8.07	475.9	1276.0	5.35	334.1	3866.0	8.24
198.5	1901.6	8.03	496.2	1296.3	5.19	313.8	3886.3	8.26
185.9	1914.2	8.01	516.4	1316.5	5.08	293.6	3906.5	8.22
173.3	1926.8	7.99	536.7	1336.8	5.00	273.3	3926.8	8.20
160.8	1939.3	7.94	556.9	1357.0	4.99	253.1	3947.0	8.25
148.2	1951.9	7.94	577.2	1377.3	5.01	232.8	3967.3	8.24
135.6	1964.5	7.89	597.4	1397.5	5.08	212.6	3987.5	8.25
123.1	1977.0	7.85	617.7	1417.8	5.12	192.3	4007.8	8.30
110.5	1989.6	7.83	637.9	1438.0	5.13	172.1	4028.0	8.37
97.9	2002.2	7.76	658.2	1458.3	5.07	151.8	4048.3	8.49
85.4	2014.7	7.78	678.5	1478.6	5.12	131.5	4068.6	8.52
72.8	2027.3	7.75	698.7	1498.8	5.10	111.3	4088.8	8.49
60.3	2039.8	7.69	719.0	1519.1	5.14	91.0	4109.1	8.53
47.7	2052.4	7.70	739.2	1539.3	5.16	70.8	4129.3	8.55
35.1	2065.0	7.79	759.5	1559.6	5.05	50.5	4149.6	8.55
22.6	2077.5	7.86	779.7	1579.8	5.02	30.3	4169.8	8.56
10.0	2090.1	8.01	800.0	1600.1	4.93	10.0	4190.1	8.57

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# RMS-42MH+

## Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+10	+13	+16	+10	+13	+16
500.0	30.71	30.74	31.03	31.81	31.80	32.02
600.0	30.15	30.75	33.03	29.28	29.85	30.72
700.0	30.94	33.62	37.06	27.46	28.46	30.42
800.0	34.12	36.99	39.98	27.53	30.19	32.95
900.0	34.75	36.17	37.18	30.72	33.73	36.41
1000.0	32.84	33.08	33.39	33.41	36.18	38.18
1100.0	31.74	31.72	31.61	33.79	35.36	36.57
1200.0	32.25	31.94	31.59	35.04	35.78	36.42
1300.0	31.95	32.33	32.11	35.68	34.37	32.95
1400.0	30.39	31.06	31.37	30.74	29.63	28.50
1500.0	30.18	30.67	31.00	28.02	27.19	26.32
1600.0	30.56	31.75	32.32	27.02	26.38	25.68
1700.0	30.54	31.39	32.07	26.51	26.16	25.66
1800.0	30.96	31.98	33.16	26.71	26.97	27.01
1900.0	32.90	34.10	35.32	27.53	28.04	28.36
2000.0	32.84	34.22	35.64	28.30	29.36	30.06
2100.0	33.27	34.58	35.80	28.62	29.46	29.95
2200.0	32.82	34.98	36.97	29.51	30.35	30.86
2300.0	31.65	33.43	35.32	29.36	30.25	30.89
2400.0	30.92	32.41	34.06	28.74	29.53	30.05
2480.0	30.20	31.45	32.78	27.86	28.67	29.20
2580.0	29.40	30.26	31.11	26.44	27.18	27.68
2660.0	29.09	29.98	30.58	25.10	25.97	26.52
2760.0	27.67	28.74	29.83	23.43	24.29	24.90
2840.0	26.80	27.72	28.87	21.97	22.92	23.58
2940.0	25.46	25.89	27.03	20.13	21.08	21.84
3020.0	25.13	25.04	26.01	18.45	19.35	20.13
3120.0	23.95	23.84	24.79	16.44	17.04	17.71
3200.0	23.81	24.64	25.49	15.35	16.01	16.81
3300.0	22.74	23.78	24.74	15.36	16.54	18.03
3380.0	22.17	22.98	23.30	17.21	18.63	19.92
3480.0	21.08	21.97	22.46	20.53	22.42	23.29
3560.0	20.58	22.27	22.85	21.89	21.61	21.94
3660.0	19.90	22.06	22.80	22.15	21.98	21.98
3740.0	19.96	22.36	23.26	22.19	22.37	22.39
3840.0	20.54	23.27	24.51	22.58	22.89	23.01
3920.0	21.08	24.30	25.85	22.68	23.09	23.20
4020.0	21.27	24.54	26.96	22.32	23.03	23.39
4100.0	22.47	25.61	27.91	21.86	22.77	23.23
4200.0	23.72	27.04	29.47	21.10	22.29	22.94

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+10	+13	+16
500.1	530.1	18.34	18.88	20.08
540.3	570.3	17.78	18.55	19.94
580.6	610.6	17.52	18.87	19.29
620.8	650.8	17.82	19.30	18.95
661.1	691.1	18.42	19.25	18.63
701.3	731.3	19.19	18.96	18.27
741.5	771.5	19.61	19.06	18.50
781.8	811.8	19.23	18.77	18.46
822.0	852.0	18.83	18.62	18.36
862.2	892.2	18.14	18.03	17.83
902.5	932.5	17.28	17.28	17.21
942.7	972.7	16.91	17.12	17.23
983.0	1013.0	17.46	17.47	17.63
1023.2	1053.2	18.70	18.39	18.15
1063.4	1093.4	20.20	19.69	19.14
1103.7	1133.7	21.78	21.25	20.56
1143.9	1173.9	23.10	22.55	21.71
1184.2	1214.2	24.48	24.13	23.31
1224.4	1254.4	25.67	25.10	23.96
1264.6	1294.6	26.04	25.41	24.28
1304.9	1334.9	25.47	24.94	24.14
1345.1	1375.1	24.85	24.42	23.82
1385.3	1415.3	23.73	23.32	22.83
1425.6	1455.6	22.60	22.16	21.70
1465.8	1495.8	21.57	21.24	20.92
1506.1	1536.1	20.78	20.44	20.05
1546.3	1576.3	20.13	19.98	19.81
1586.5	1616.5	20.12	20.28	20.38
1626.8	1656.8	21.08	21.72	22.40
1667.0	1697.0	22.81	23.34	23.83
1707.3	1737.3	22.57	22.43	22.17
1767.6	1797.6	19.69	19.36	19.07
1807.9	1837.9	18.24	18.01	17.87
1868.2	1898.2	18.27	18.15	18.21
1908.4	1938.4	19.47	19.34	19.31
1968.8	1998.8	22.38	22.18	21.85
2009.0	2039.0	24.56	24.13	23.47
2069.4	2099.4	26.49	26.67	26.04
2109.6	2139.6	26.63	27.03	26.71
2170.0	2200.0	27.01	27.22	27.04

# Frequency Mixer

# RMS-42MH+

## Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=4200MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+10	+13	+16		+10	+13	+16		+10	+13	+16
500.1	530.1	23.49	10.82	4.61	500.0	69.49	66.82	52.65	10.1	5.14	4.61	3.82
540.3	570.3	15.26	6.63	3.42	600.0	62.05	43.44	19.32	29.9	4.60	4.29	4.01
580.6	610.6	9.04	3.98	2.72	700.0	37.77	16.11	10.69	49.6	4.95	4.51	4.08
620.8	650.8	5.39	2.81	2.34	800.0	10.96	7.28	7.05	69.4	4.86	4.51	4.03
661.1	691.1	3.56	2.29	2.09	900.0	4.09	4.38	5.34	89.1	4.86	4.37	4.00
701.3	731.3	2.45	2.00	1.91	1000.0	2.72	3.48	4.61	108.9	4.60	4.24	3.88
741.5	771.5	2.09	1.84	1.77	1100.0	2.23	3.06	4.13	128.6	4.51	4.16	3.82
781.8	811.8	1.83	1.68	1.63	1200.0	1.87	2.60	3.54	148.4	4.43	4.09	3.76
822.0	852.0	1.72	1.60	1.56	1300.0	1.54	2.14	2.93	168.1	4.39	4.08	3.73
862.2	892.2	1.71	1.58	1.52	1400.0	1.65	1.94	2.53	187.9	4.35	4.01	3.68
902.5	932.5	1.79	1.64	1.56	1500.0	1.83	1.79	2.20	207.6	4.24	3.92	3.60
942.7	972.7	2.10	1.86	1.71	1600.0	1.85	1.60	1.90	227.4	4.16	3.86	3.55
983.0	1013.0	2.44	2.15	1.90	1700.0	1.75	1.38	1.66	247.1	4.08	3.77	3.46
1023.2	1053.2	2.75	2.43	2.16	1800.0	1.61	1.17	1.51	266.9	3.91	3.65	3.38
1063.4	1093.4	3.03	2.70	2.42	1900.0	1.40	1.13	1.60	286.6	3.83	3.57	3.31
1103.7	1133.7	3.28	2.98	2.70	2000.0	1.18	1.28	1.83	306.4	3.79	3.56	3.33
1143.9	1173.9	3.42	3.18	2.93	2100.0	1.08	1.51	2.10	326.1	3.65	3.43	3.20
1184.2	1214.2	3.42	3.25	3.07	2200.0	1.23	1.74	2.40	345.9	3.49	3.29	3.09
1224.4	1254.4	3.42	3.34	3.24	2300.0	1.45	2.01	2.75	365.6	3.40	3.21	3.03
1264.6	1294.6	3.33	3.33	3.31	2400.0	1.79	2.35	3.14	385.4	3.31	3.14	2.97
1304.9	1334.9	3.20	3.24	3.27	2480.0	2.15	2.70	3.50	405.1	3.20	3.05	2.89
1345.1	1375.1	3.16	3.18	3.22	2580.0	2.59	3.09	3.89	424.9	3.13	2.99	2.84
1385.3	1415.3	3.17	3.19	3.20	2660.0	2.98	3.29	4.01	444.6	3.01	2.89	2.75
1425.6	1455.6	3.19	3.20	3.20	2760.0	3.78	3.82	4.38	464.4	2.89	2.78	2.66
1465.8	1495.8	3.19	3.22	3.22	2840.0	4.42	4.04	4.42	484.1	2.81	2.71	2.60
1506.1	1536.1	3.15	3.14	3.16	2940.0	5.33	4.19	4.27	503.9	2.74	2.66	2.56
1546.3	1576.3	3.04	3.00	3.01	3020.0	6.71	4.33	3.95	523.6	2.67	2.59	2.51
1586.5	1616.5	2.83	2.75	2.73	3120.0	8.86	5.09	4.01	543.4	2.58	2.51	2.43
1626.8	1656.8	2.65	2.49	2.42	3200.0	9.69	5.51	3.98	563.1	2.54	2.48	2.41
1667.0	1697.0	2.63	2.43	2.31	3300.0	10.69	5.39	3.74	582.9	2.52	2.46	2.40
1707.3	1737.3	2.70	2.48	2.34	3380.0	10.82	4.89	3.03	602.6	2.47	2.40	2.35
1767.6	1797.6	2.93	2.66	2.51	3480.0	11.31	4.95	2.71	622.4	2.40	2.34	2.28
1807.9	1837.9	3.34	3.00	2.81	3560.0	10.25	4.59	2.54	642.1	2.37	2.31	2.25
1868.2	1898.2	4.50	3.95	3.62	3660.0	7.70	3.73	2.44	661.9	2.32	2.26	2.21
1908.4	1938.4	5.28	4.64	4.23	3740.0	5.97	3.36	2.68	681.6	2.29	2.22	2.17
1968.8	1998.8	5.97	5.33	4.92	3840.0	4.05	3.11	3.14	701.4	2.27	2.20	2.15
2009.0	2039.0	6.11	5.39	4.93	3920.0	3.32	3.27	3.73	721.1	2.22	2.16	2.10
2069.4	2099.4	6.35	5.65	5.12	4020.0	3.08	3.76	4.69	740.9	2.13	2.08	2.03
2109.6	2139.6	6.30	5.75	5.20	4100.0	3.26	4.34	5.44	780.4	2.06	2.02	1.99
2170.0	2200.0	5.99	5.47	5.04	4200.0	3.76	5.04	6.37	800.1	2.02	1.98	1.95

## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	30	13	41	24	43	65	53	55	---
1	-	14	+0	39	32	30	37	49	35	68	52	70
2	75	54	55	43	54	63	40	63	40	63	60	60
3	91	47	54	66	41	66	57	50	52	59	50	66
4	96	82	66	>96	83	67	74	79	60	72	54	70
5	77	76	79	82	80	83	61	84	73	66	66	68
6	82	85	74	91	77	94	>96	78	89	93	74	84
7	94	>96	>96	91	>96	95	>96	>96	78	>96	88	82
8	>100	>96	>96	>96	86	>96	89	>96	>96	91	>96	>96
9	89	>96	>96	>96	>96	95	>96	>96	>96	>96	93	>96
10	---	---	>96	>96	>96	>96	>96	>96	>96	>96	>96	>96
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 2500.1 MHz; 4.00 dBm.  
 LO IN: 2530.1 MHz; +13.00 dBm  
 IF OUT: 30 MHz; -3.69 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	2	20	2	29	11	31	39	37	40	---
1	-	14	+0	38	32	28	34	43	31	52	43	61
2	85	65	64	53	62	75	47	70	45	63	62	61
3	>100	68	75	86	63	84	76	68	69	71	65	78
4	>100	>86	85	>86	>86	>86	>86	>86	83	>86	78	>86
5	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
6	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
7	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
8	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
9	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
10	---	---	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 2500.1 MHz; -6.00 dBm.  
 LO IN: 2530.1 MHz; +13.00 dBm  
 IF OUT: 30 MHz; -13.78 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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 RMS-42MH+  
 100818  
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