

Frequency Mixer

MACA-63H+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		-3	0	+3
1540.1	1510.1	8.10	6.93	6.44
1660.1	1630.1	7.87	7.28	7.00
1780.1	1750.1	7.66	7.00	6.61
1900.1	1870.1	7.12	6.43	6.07
2020.1	1990.1	6.99	6.28	5.98
2140.1	2110.1	7.36	6.56	6.13
2260.1	2230.1	6.86	6.19	5.88
2380.1	2350.1	6.25	5.80	5.64
2500.1	2470.1	6.10	5.73	5.65
2620.1	2590.1	6.18	5.92	5.83
2740.1	2710.1	7.20	6.78	6.58
2860.1	2830.1	7.59	7.10	6.86
2980.1	2950.1	6.93	6.60	6.44
3100.1	3070.1	6.74	6.43	6.32
3220.1	3190.1	7.66	7.17	6.95
3340.1	3310.1	7.43	6.99	6.80
3460.1	3430.1	8.16	7.38	7.07
3580.1	3550.1	8.83	8.05	7.67
3700.1	3670.1	8.70	8.08	7.78
3820.1	3790.1	8.26	7.78	7.52
3940.1	3910.1	7.64	7.29	7.10
4060.1	4030.1	7.04	6.71	6.58
4180.1	4150.1	6.51	6.33	6.28
4300.1	4270.1	6.07	5.94	5.90
4420.1	4390.1	5.95	5.83	5.81
4540.1	4510.1	6.05	6.00	6.01
4660.1	4630.1	7.07	6.90	6.88
4780.1	4750.1	7.59	6.99	6.85
4900.1	4870.1	7.12	6.62	6.51
5040.1	5010.1	7.08	6.48	6.28
5160.1	5130.1	6.97	6.33	6.06
5300.1	5270.1	7.07	6.38	6.09
5420.1	5390.1	7.33	6.44	6.03
5560.1	5530.1	7.49	6.60	6.17
5680.1	5650.1	7.89	6.99	6.48
5820.1	5790.1	8.06	7.03	6.53
5940.1	5910.1	8.54	7.18	6.64
6080.1	6050.1	9.36	7.43	6.82
6200.1	6170.1	11.46	7.98	7.02
6340.1	6310.1	19.54	12.58	8.82

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		-3	0	+3
1540.1	1510.1	17.30	17.74	17.53
1660.1	1630.1	15.35	17.28	18.11
1780.1	1750.1	17.57	18.29	20.20
1900.1	1870.1	19.34	24.15	20.96
2020.1	1990.1	15.31	19.93	22.33
2140.1	2110.1	15.81	17.65	17.90
2260.1	2230.1	17.88	20.84	23.09
2380.1	2350.1	18.67	18.01	18.00
2500.1	2470.1	16.07	16.65	19.01
2620.1	2590.1	18.00	23.63	27.44
2740.1	2710.1	21.33	21.06	21.66
2860.1	2830.1	24.53	24.03	23.29
2980.1	2950.1	20.84	21.37	21.29
3100.1	3070.1	20.04	20.77	21.22
3220.1	3190.1	20.84	21.76	23.11
3340.1	3310.1	21.55	23.44	23.32
3460.1	3430.1	24.19	22.70	20.89
3580.1	3550.1	19.22	22.39	23.62
3700.1	3670.1	17.69	19.45	20.28
3820.1	3790.1	16.78	18.08	18.79
3940.1	3910.1	15.78	15.98	16.33
4060.1	4030.1	16.06	17.52	17.80
4180.1	4150.1	17.47	17.86	17.64
4300.1	4270.1	16.22	17.14	17.23
4420.1	4390.1	15.67	17.50	18.21
4540.1	4510.1	17.09	18.90	20.00
4660.1	4630.1	17.07	28.06	26.02
4780.1	4750.1	18.35	20.49	20.05
4900.1	4870.1	15.22	15.92	16.43
5040.1	5010.1	15.95	16.32	16.60
5160.1	5130.1	17.84	17.83	17.98
5300.1	5270.1	21.82	19.89	18.62
5420.1	5390.1	20.20	20.97	19.88
5560.1	5530.1	21.53	21.35	22.32
5680.1	5650.1	23.88	22.65	21.08
5820.1	5790.1	21.20	21.66	21.50
5940.1	5910.1	20.32	20.26	20.66
6080.1	6050.1	16.83	18.58	19.94
6200.1	6170.1	11.32	16.69	18.71
6340.1	6310.1	3.92	10.52	18.64

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+10dBm (dB)		
		@LO (dBm)		
		-3	0	+3
1540.1	1510.1	2.36	2.20	2.06
1660.1	1630.1	1.77	1.51	1.34
1780.1	1750.1	1.31	1.10	1.01
1900.1	1870.1	1.54	1.26	1.12
2020.1	1990.1	1.91	1.53	1.29
2140.1	2110.1	2.39	1.74	1.51
2260.1	2230.1	2.09	1.36	0.99
2380.1	2350.1	1.41	0.99	0.77
2500.1	2470.1	1.17	0.77	0.56
2620.1	2590.1	1.14	0.74	0.62
2740.1	2710.1	1.33	1.06	0.86
2860.1	2830.1	0.94	0.71	0.59
2980.1	2950.1	0.89	0.66	0.57
3100.1	3070.1	0.64	0.36	0.25
3220.1	3190.1	0.67	0.41	0.29
3340.1	3310.1	0.84	0.49	0.35
3460.1	3430.1	0.64	0.60	0.54
3580.1	3550.1	0.35	0.43	0.46
3700.1	3670.1	0.29	0.36	0.39
3820.1	3790.1	0.44	0.43	0.46
3940.1	3910.1	0.79	0.70	0.68
4060.1	4030.1	0.98	0.80	0.70
4180.1	4150.1	0.94	0.72	0.65
4300.1	4270.1	0.97	0.71	0.65
4420.1	4390.1	0.78	0.47	0.39
4540.1	4510.1	0.65	0.31	0.21
4660.1	4630.1	0.82	0.63	0.52
4780.1	4750.1	1.05	1.11	1.03
4900.1	4870.1	1.30	1.25	1.12
5040.1	5010.1	1.23	1.08	0.96
5160.1	5130.1	1.25	1.04	0.91
5300.1	5270.1	1.04	0.86	0.71
5420.1	5390.1	0.93	0.76	0.64
5560.1	5530.1	1.12	0.83	0.72
5680.1	5650.1	1.07	0.73	0.65
5820.1	5790.1	1.28	0.77	0.64
5940.1	5910.1	1.17	0.79	0.63
6080.1	6050.1	0.96	0.90	0.71
6200.1	6170.1	0.04	1.38	1.09
6340.1	6310.1	-5.15	-0.90	0.86

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4000.1001MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2000.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=6000.1001MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		0			0			0
1090.0	2910.1	11.51	10.0	2010.1	6.78	1530.0	4470.1	12.61
1038.6	2961.5	11.31	50.0	2050.1	6.56	1490.0	4510.1	10.32
987.1	3013.0	11.11	90.0	2090.1	6.48	1450.0	4550.1	9.48
935.7	3064.4	11.05	130.0	2130.1	6.80	1410.0	4590.1	9.27
884.3	3115.8	10.84	170.0	2170.1	6.59	1370.0	4630.1	9.34
832.9	3167.2	10.33	210.0	2210.1	6.29	1330.0	4670.1	9.29
781.4	3218.7	10.30	250.0	2250.1	6.11	1290.0	4710.1	9.33
730.0	3270.1	9.67	290.0	2290.1	6.00	1250.0	4750.1	9.22
678.6	3321.5	9.27	330.0	2330.1	6.07	1210.0	4790.1	9.21
627.1	3373.0	8.61	370.0	2370.1	6.10	1170.0	4830.1	9.29
575.7	3424.4	8.28	410.0	2410.1	6.17	1130.0	4870.1	9.06
524.3	3475.8	8.00	450.0	2450.1	6.24	1090.0	4910.1	9.07
472.9	3527.2	7.85	490.0	2490.1	6.17	1050.0	4950.1	8.91
421.4	3578.7	7.81	530.0	2530.1	6.17	1010.0	4990.1	8.91
370.0	3630.1	7.85	570.0	2570.1	6.22	970.0	5030.1	8.93
318.6	3681.5	7.35	610.0	2610.1	6.35	930.0	5070.1	8.85
267.1	3733.0	7.21	650.0	2650.1	6.50	890.0	5110.1	8.95
215.7	3784.4	7.11	690.0	2690.1	6.84	850.0	5150.1	8.69
164.3	3835.8	7.07	730.0	2730.1	7.04	810.0	5190.1	8.63
112.9	3887.2	7.00	770.0	2770.1	7.13	770.0	5230.1	8.69
44.3	3955.8	7.02	810.0	2810.1	7.36	730.0	5270.1	8.74
10.0	4010.1	7.48	850.0	2850.1	7.51	690.0	5310.1	8.93
101.4	4101.5	6.80	890.0	2890.1	7.75	650.0	5350.1	8.80
170.0	4170.1	6.95	930.0	2930.1	7.59	610.0	5390.1	8.81
261.4	4261.5	7.12	970.0	2970.1	7.66	570.0	5430.1	8.77
330.0	4330.1	7.05	1010.0	3010.1	7.72	530.0	5470.1	8.69
421.4	4421.5	6.86	1050.0	3050.1	7.92	490.0	5510.1	8.64
490.0	4490.1	7.08	1090.0	3090.1	8.14	450.0	5550.1	8.54
581.4	4581.5	7.40	1130.0	3130.1	8.11	410.0	5590.1	8.47
650.0	4650.1	7.46	1170.0	3170.1	8.37	370.0	5630.1	8.37
741.4	4741.5	7.44	1210.0	3210.1	8.63	330.0	5670.1	8.18
810.0	4810.1	7.58	1250.0	3250.1	9.06	290.0	5710.1	8.01
901.4	4901.5	7.94	1290.0	3290.1	9.29	250.0	5750.1	7.76
970.0	4970.1	8.16	1330.0	3330.1	9.44	210.0	5790.1	7.67
1061.4	5061.5	8.44	1370.0	3370.1	9.56	170.0	5830.1	7.52
1130.0	5130.1	8.63	1390.0	3390.1	9.71	130.0	5870.1	7.44
1221.4	5221.5	8.66	1430.0	3430.1	10.08	90.0	5910.1	7.33
1290.0	5290.1	9.16	1450.0	3450.1	10.36	70.0	5930.1	7.28
1381.4	5381.5	10.52	1490.0	3490.1	11.51	30.0	5970.1	7.33
1450.0	5450.1	11.69	1510.0	3510.1	12.39	10.0	5990.1	7.57

Frequency Mixer

MACA-63H+

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	-3	0	+3	-3	0	+3
1510.1	9.30	8.53	9.33	1.24	1.26	4.02
1630.1	11.06	12.21	13.55	13.09	14.32	15.85
1750.1	17.69	18.69	21.10	12.93	14.25	15.68
1870.1	21.28	22.64	26.61	21.96	23.34	24.95
1990.1	21.41	21.98	23.94	37.31	38.49	39.74
2110.1	21.33	21.19	21.54	47.48	47.78	48.44
2230.1	21.56	23.08	23.38	39.72	39.81	40.25
2350.1	20.17	20.78	20.53	34.65	34.50	34.99
2470.1	21.55	22.65	22.60	33.74	33.48	33.92
2590.1	18.22	18.16	18.75	34.78	34.17	34.61
2710.1	17.39	18.36	19.69	36.28	35.58	35.94
2830.1	16.17	17.18	18.77	37.70	37.11	37.46
2950.1	14.99	15.38	16.30	38.32	38.02	38.38
3070.1	14.46	14.13	13.84	38.26	38.29	38.81
3190.1	13.61	13.75	13.82	37.44	37.97	39.04
3310.1	13.49	15.05	17.68	36.35	37.32	38.77
3430.1	13.06	15.26	18.30	35.38	36.83	38.85
3550.1	12.59	15.24	18.21	34.70	36.60	38.99
3670.1	13.06	16.20	19.21	33.20	35.40	38.01
3790.1	16.65	21.05	24.75	31.65	33.88	36.48
3910.1	20.49	24.47	26.57	32.10	34.00	36.31
4030.1	13.90	15.90	18.12	33.42	34.92	36.95
4150.1	10.91	12.44	14.38	35.63	36.91	38.56
4270.1	9.66	10.75	12.47	37.37	38.04	39.34
4390.1	9.15	9.87	11.53	38.60	38.66	39.82
4510.1	9.20	9.47	10.75	38.91	38.47	39.40
4630.1	9.91	10.59	12.03	39.23	38.49	39.19
4750.1	8.96	9.64	11.28	38.83	38.03	38.64
4870.1	8.38	8.88	10.44	38.15	37.35	37.89
5010.1	7.91	7.90	8.97	37.56	36.79	37.15
5130.1	7.59	7.55	8.13	36.79	36.47	36.70
5270.1	7.24	7.14	7.38	35.65	35.51	35.78
5390.1	7.60	7.20	7.35	33.43	34.01	34.95
5530.1	9.13	8.43	8.24	32.40	33.37	34.50
5650.1	9.17	8.71	8.48	33.67	34.17	34.76
5790.1	8.95	8.79	8.70	35.21	34.96	34.80
5910.1	9.09	9.11	9.08	35.52	34.88	34.29
6050.1	9.75	9.89	9.79	34.72	33.96	32.98
6170.1	11.45	11.74	12.30	32.90	32.62	31.91
6310.1	13.47	13.77	13.51	29.51	29.56	29.41

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		-3	0	+3
1540.1	1510.1	19.31	18.56	18.22
1660.1	1630.1	29.56	26.93	25.57
1780.1	1750.1	34.55	32.45	31.11
1900.1	1870.1	46.45	45.43	44.45
2020.1	1990.1	53.33	54.01	54.63
2140.1	2110.1	53.90	54.67	55.29
2260.1	2230.1	54.69	54.58	54.25
2380.1	2350.1	54.15	52.80	51.72
2500.1	2470.1	53.03	51.80	50.99
2620.1	2590.1	52.72	52.21	51.83
2740.1	2710.1	55.85	55.64	55.26
2860.1	2830.1	61.50	60.72	60.13
2980.1	2950.1	59.42	58.85	58.78
3100.1	3070.1	57.81	57.31	57.21
3220.1	3190.1	60.33	60.14	60.67
3340.1	3310.1	60.46	60.72	60.45
3460.1	3430.1	56.17	56.33	56.23
3580.1	3550.1	52.70	52.87	53.08
3700.1	3670.1	51.06	51.46	51.68
3820.1	3790.1	52.52	53.06	53.22
3940.1	3910.1	57.35	58.13	58.61
4060.1	4030.1	56.60	57.05	57.19
4180.1	4150.1	53.60	53.62	53.63
4300.1	4270.1	52.63	52.52	52.58
4420.1	4390.1	50.86	50.61	50.48
4540.1	4510.1	48.99	48.40	48.14
4660.1	4630.1	47.23	46.57	46.40
4780.1	4750.1	48.47	47.41	46.96
4900.1	4870.1	47.51	46.23	45.71
5040.1	5010.1	45.49	44.28	43.74
5160.1	5130.1	43.70	42.92	42.56
5300.1	5270.1	41.96	41.36	40.98
5420.1	5390.1	44.15	44.03	43.73
5560.1	5530.1	43.27	43.56	43.62
5680.1	5650.1	40.64	41.10	41.47
5820.1	5790.1	38.93	39.31	39.63
5940.1	5910.1	37.39	37.80	38.08
6080.1	6050.1	35.85	36.47	36.81
6200.1	6170.1	34.49	35.94	36.79
6340.1	6310.1	33.08	34.94	37.96

Frequency Mixer

MACA-63H+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=6000MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		-3	0	+3		-3	0	+3		-3	0	+3
1540.1	1510.1	2.20	1.85	1.69	1510.1	3.54	3.65	3.82	10.0	2.12	1.43	1.17
1660.1	1630.1	2.53	2.19	2.04	1630.1	3.56	3.55	3.60	50.0	2.15	1.46	1.22
1780.1	1750.1	2.83	2.53	2.36	1750.1	4.00	3.91	3.93	90.0	2.22	1.53	1.30
1900.1	1870.1	2.85	2.53	2.37	1870.1	4.47	4.44	4.48	130.0	2.31	1.62	1.38
2020.1	1990.1	2.90	2.49	2.31	1990.1	4.92	5.02	5.17	170.0	2.49	1.76	1.52
2140.1	2110.1	3.15	2.72	2.44	2110.1	5.27	5.51	5.72	210.0	2.63	1.88	1.62
2260.1	2230.1	2.67	2.31	2.14	2230.1	4.60	4.83	4.98	250.0	2.84	2.04	1.76
2380.1	2350.1	2.58	2.27	2.13	2350.1	3.73	3.65	3.61	290.0	3.00	2.16	1.86
2500.1	2470.1	2.33	2.00	1.89	2470.1	3.31	3.17	3.10	330.0	3.22	2.33	2.01
2620.1	2590.1	2.13	1.93	1.86	2590.1	3.11	2.99	2.93	370.0	3.45	2.50	2.14
2740.1	2710.1	3.13	2.93	2.83	2710.1	2.90	2.88	2.86	410.0	3.58	2.60	2.22
2860.1	2830.1	4.03	3.81	3.67	2830.1	2.75	2.81	2.82	470.0	3.89	2.84	2.43
2980.1	2950.1	3.48	3.30	3.19	2950.1	2.69	2.78	2.82	510.0	3.98	2.93	2.50
3100.1	3070.1	2.92	2.68	2.52	3070.1	2.70	2.77	2.78	570.0	4.26	3.16	2.69
3220.1	3190.1	3.52	3.26	3.13	3190.1	2.79	2.78	2.71	610.0	4.40	3.28	2.80
3340.1	3310.1	3.27	2.98	2.78	3310.1	2.83	2.72	2.61	670.0	4.68	3.47	2.98
3460.1	3430.1	3.95	3.67	3.50	3430.1	2.66	2.46	2.33	710.0	4.88	3.65	3.14
3580.1	3550.1	4.03	3.72	3.57	3550.1	2.35	2.17	2.08	770.0	5.14	3.86	3.31
3700.1	3670.1	3.95	3.63	3.48	3670.1	2.03	1.91	1.92	810.0	5.39	4.05	3.50
3820.1	3790.1	3.71	3.47	3.33	3790.1	1.67	1.64	1.75	870.0	5.58	4.22	3.63
3940.1	3910.1	3.46	3.25	3.13	3910.1	1.39	1.44	1.59	910.0	5.79	4.42	3.82
4060.1	4030.1	2.72	2.48	2.37	4030.1	1.34	1.41	1.60	970.0	5.93	4.51	3.89
4180.1	4150.1	2.26	2.11	2.04	4150.1	1.36	1.45	1.64	1010.0	6.07	4.67	4.03
4300.1	4270.1	1.84	1.70	1.63	4270.1	1.37	1.47	1.67	1070.0	5.93	4.53	3.90
4420.1	4390.1	1.52	1.38	1.34	4390.1	1.38	1.51	1.74	1110.0	5.87	4.53	3.91
4540.1	4510.1	1.44	1.42	1.44	4510.1	1.45	1.58	1.81	1170.0	5.34	4.13	3.60
4660.1	4630.1	1.93	1.94	1.95	4630.1	1.52	1.64	1.86	1210.0	4.84	3.78	3.31
4780.1	4750.1	1.89	1.73	1.69	4750.1	1.59	1.68	1.88	1270.0	3.92	3.14	2.83
4900.1	4870.1	1.51	1.33	1.25	4870.1	1.67	1.73	1.90	1310.0	3.13	2.57	2.38
5040.1	5010.1	1.43	1.28	1.23	5010.1	1.73	1.78	1.93	1370.0	2.01	1.87	1.90
5160.1	5130.1	1.56	1.47	1.46	5130.1	1.72	1.74	1.85	1410.0	1.42	1.60	1.77
5300.1	5270.1	1.73	1.62	1.59	5270.1	1.64	1.63	1.69	1470.0	1.70	2.00	2.20
5420.1	5390.1	1.92	1.74	1.65	5390.1	1.56	1.55	1.59	1510.0	2.33	2.53	2.66
5560.1	5530.1	2.27	2.07	1.95	5530.1	1.41	1.42	1.48	1570.0	2.90	2.96	3.00
5680.1	5650.1	2.54	2.33	2.19	5650.1	1.32	1.36	1.40	1610.0	3.91	3.91	3.91
5820.1	5790.1	2.78	2.54	2.38	5790.1	1.33	1.36	1.40	1670.0	6.56	6.46	6.42
5940.1	5910.1	3.08	2.72	2.54	5910.1	1.40	1.42	1.44	1710.0	8.47	8.31	8.23
6080.1	6050.1	3.26	2.77	2.57	6050.1	1.48	1.49	1.50	1770.0	11.61	11.46	11.46
6200.1	6170.1	3.53	2.75	2.46	6170.1	1.51	1.50	1.52	1810.0	13.60	13.49	13.49
6340.1	6310.1	3.82	3.10	2.61	6310.1	1.55	1.50	1.43	1870.0	16.56	16.56	16.56

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	23	43	25	47	60	52	---	---	---	---
1	-	51	+0	58	52	50	70	70	58	---	---	---
2	76	72	77	46	76	>78	64	>78	>78	71	---	---
3	>90	74	>78	>78	53	>78	>78	>78	>78	>78	>78	---
4	>90	>78	>78	>78	>78	71	>78	>78	>78	>78	>78	>78
5	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
6	---	---	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	---	---	---	>78	>78	>78	>78	>78	>78	>78	>78	>78
8	---	---	---	---	>78	>78	>78	>78	>78	>78	>78	>78
9	---	---	---	---	---	>78	>78	>78	>78	>78	>78	>78
10	---	---	---	---	---	---	>78	>78	>78	>78	>78	>78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 4000.1 MHz; -5.00 dBm.
LO IN: 3970.1 MHz; +0.00 dBm
IF OUT: 30 MHz; -12.15 dBm

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	33	54	37	58	75	60	---	---	---	---
1	-	52	+0	60	49	57	69	68	70	---	---	---
2	57	65	70	53	71	72	59	79	>88	74	---	---
3	80	54	64	77	36	81	75	68	84	>88	77	---
4	>90	>88	77	83	>88	67	>88	>88	76	>88	>88	88
5	>90	>88	>88	79	80	>88	49	>88	85	78	>88	>88
6	---	---	>88	>88	>88	>88	>88	66	>88	>88	85	>88
7	---	---	---	>88	>88	>88	>88	>88	61	>88	>88	87
8	---	---	---	---	>88	>88	>88	>88	>88	71	>88	>88
9	---	---	---	---	---	>88	>88	>88	>88	>88	72	>88
10	---	---	---	---	---	---	>88	>88	>88	>88	>88	77
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 4000.1 MHz; 5.00 dBm.
LO IN: 3970.1 MHz; +0.00 dBm
IF OUT: 30 MHz; -2.24 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.