

Frequency Mixer

MCA1-85+

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=+1dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+4	+7	+10			+4	+7	+10			+4	+7	+10
1900.1	1930.1	16.24	14.02	12.28	1900.1	1930.1	1.34	3.08	3.00	1900.1	1930.1	0.72	0.97	0.92
2100.1	2130.1	9.96	8.96	8.47	2100.1	2130.1	7.06	9.12	9.32	2100.1	2130.1	1.70	1.41	1.19
2300.1	2330.1	8.38	7.65	7.28	2300.1	2330.1	8.59	9.07	10.33	2300.1	2330.1	1.54	1.51	1.46
2500.1	2530.1	7.45	6.86	6.56	2500.1	2530.1	7.99	8.36	8.00	2500.1	2530.1	1.57	1.55	1.55
2700.1	2730.1	6.35	6.03	5.86	2700.1	2730.1	8.01	7.84	6.77	2700.1	2730.1	1.86	1.69	1.54
2900.1	2930.1	5.91	5.67	5.56	2900.1	2930.1	8.81	9.29	10.21	2900.1	2930.1	1.81	1.58	1.39
3100.1	3130.1	5.47	5.26	5.16	3100.1	3130.1	9.47	10.52	11.52	3100.1	3130.1	1.73	1.49	1.32
3300.1	3330.1	5.36	5.14	5.03	3300.1	3330.1	8.73	9.23	9.42	3300.1	3330.1	1.66	1.34	1.15
3500.1	3530.1	5.32	5.17	5.14	3500.1	3530.1	12.51	14.29	14.57	3500.1	3530.1	1.20	0.95	0.84
3700.1	3730.1	5.20	5.02	4.96	3700.1	3730.1	11.28	13.15	14.07	3700.1	3730.1	0.82	0.58	0.54
3900.1	3930.1	5.62	5.43	5.39	3900.1	3930.1	13.83	15.91	17.40	3900.1	3930.1	0.69	0.37	0.28
4080.1	4110.1	7.19	6.82	6.63	4080.1	4110.1	15.39	18.03	20.69	4080.1	4110.1	0.94	0.70	0.53
4280.1	4310.1	7.65	7.19	7.00	4280.1	4310.1	14.80	15.26	15.28	4280.1	4310.1	0.78	0.62	0.51
4460.1	4490.1	7.33	6.98	6.82	4460.1	4490.1	11.37	12.23	13.05	4460.1	4490.1	0.48	0.35	0.30
4660.1	4690.1	7.28	6.86	6.67	4660.1	4690.1	14.08	15.41	15.97	4660.1	4690.1	0.62	0.37	0.24
4840.1	4870.1	8.07	7.53	7.23	4840.1	4870.1	9.82	11.07	11.72	4840.1	4870.1	0.46	0.39	0.34
5040.1	5070.1	7.22	6.83	6.64	5040.1	5070.1	8.71	10.37	11.17	5040.1	5070.1	0.65	0.55	0.48
5220.1	5250.1	6.89	6.51	6.39	5220.1	5250.1	8.67	11.11	12.16	5220.1	5250.1	0.74	0.60	0.54
5420.1	5450.1	6.83	6.41	6.28	5420.1	5450.1	8.73	10.99	12.07	5420.1	5450.1	0.72	0.55	0.49
5600.1	5630.1	6.93	6.52	6.41	5600.1	5630.1	7.82	9.71	11.33	5600.1	5630.1	0.52	0.27	0.19
5800.1	5830.1	7.00	6.41	6.22	5800.1	5830.1	11.31	13.88	15.24	5800.1	5830.1	0.59	0.37	0.28
5980.1	6010.1	7.55	6.85	6.59	5980.1	6010.1	8.62	10.69	11.86	5980.1	6010.1	0.81	0.67	0.55
6180.1	6210.1	6.56	6.04	5.88	6180.1	6210.1	6.39	8.18	9.55	6180.1	6210.1	1.15	0.94	0.76
6360.1	6390.1	6.20	5.73	5.60	6360.1	6390.1	6.29	7.71	9.26	6360.1	6390.1	1.19	0.96	0.79
6560.1	6590.1	6.02	5.58	5.49	6560.1	6590.1	6.86	8.48	9.83	6560.1	6590.1	1.05	0.80	0.64
6740.1	6770.1	5.86	5.41	5.29	6740.1	6770.1	6.29	7.51	8.99	6740.1	6770.1	1.12	0.85	0.72
6940.1	6970.1	5.71	5.31	5.26	6940.1	6970.1	6.60	7.71	9.12	6940.1	6970.1	1.25	0.80	0.70
7120.1	7150.1	5.80	5.39	5.32	7120.1	7150.1	7.55	7.69	8.85	7120.1	7150.1	1.15	0.85	0.75
7320.1	7350.1	5.92	5.50	5.44	7320.1	7350.1	7.47	7.78	8.41	7320.1	7350.1	1.00	0.76	0.66
7500.1	7530.1	5.89	5.47	5.44	7500.1	7530.1	7.58	8.05	8.51	7500.1	7530.1	1.03	0.80	0.74
7700.1	7730.1	6.04	5.68	5.75	7700.1	7730.1	7.94	8.10	8.42	7700.1	7730.1	1.02	0.88	0.97
7880.1	7910.1	6.17	5.95	6.25	7880.1	7910.1	8.29	7.66	8.44	7880.1	7910.1	1.11	0.94	0.94
8080.1	8110.1	6.47	6.21	6.35	8080.1	8110.1	9.29	9.98	11.69	8080.1	8110.1	0.94	0.70	0.64
8260.1	8290.1	6.47	6.17	6.22	8260.1	8290.1	11.91	13.09	14.15	8260.1	8290.1	0.95	0.70	0.72
8460.1	8490.1	6.41	6.14	6.25	8460.1	8490.1	11.41	14.99	16.44	8460.1	8490.1	0.82	0.54	0.56
8640.1	8670.1	6.94	6.54	6.52	8640.1	8670.1	9.31	13.15	16.31	8640.1	8670.1	1.13	0.79	0.69
8840.1	8870.1	8.14	7.36	7.10	8840.1	8870.1	19.93	16.44	14.01	8840.1	8870.1	0.89	0.91	1.08
9020.1	9050.1	9.01	8.04	7.81	9020.1	9050.1	19.49	15.68	9.42	9020.1	9050.1	0.79	0.99	1.24
9220.1	9250.1	9.94	9.03	9.69	9220.1	9250.1	12.55	6.99	11.40	9220.1	9250.1	1.26	1.58	0.99
9400.1	9430.1	12.41	10.97	10.62	9400.1	9430.1	7.46	11.08	10.63	9400.1	9430.1	0.74	0.67	0.58



Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=5650MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2790MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=8510.09MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+7			+7			+7
1449.9	4200.1	10.57	10.1	2800.1	6.15	1610.0	6900.1	10.56
1372.1	4277.9	10.17	50.1	2840.1	5.63	1569.5	6940.6	10.42
1294.2	4355.8	8.75	90.1	2880.1	5.79	1529.0	6981.1	10.34
1216.4	4433.6	8.01	130.1	2920.1	5.71	1488.5	7021.6	10.14
1138.6	4511.4	7.83	170.1	2960.1	5.70	1448.0	7062.1	10.29
1060.7	4589.3	7.55	210.1	3000.1	5.73	1407.5	7102.6	9.81
982.9	4667.1	7.09	250.1	3040.1	5.63	1367.0	7143.1	9.93
905.1	4744.9	6.57	290.1	3080.1	5.71	1326.5	7183.6	9.56
827.2	4822.8	6.32	330.1	3120.1	5.70	1285.9	7224.2	9.32
749.4	4900.6	6.15	370.1	3160.1	5.60	1245.4	7264.7	8.86
671.6	4978.4	5.96	410.1	3200.1	5.59	1204.9	7305.2	8.59
593.7	5056.3	5.52	450.1	3240.1	5.68	1164.4	7345.7	8.19
515.9	5134.1	5.54	490.1	3280.1	5.62	1123.9	7386.2	7.97
438.1	5211.9	5.65	530.1	3320.1	5.76	1083.4	7426.7	7.85
360.2	5289.8	5.79	570.1	3360.1	5.72	1042.9	7467.2	7.72
282.4	5367.6	5.99	610.1	3400.1	5.77	1002.4	7507.7	7.63
204.6	5445.4	6.10	650.1	3440.1	5.77	961.9	7548.2	7.65
126.7	5523.3	6.26	690.1	3480.1	5.66	921.4	7588.7	7.72
48.9	5601.1	6.38	730.1	3520.1	5.62	880.9	7629.2	7.63
30.8	5680.8	6.51	770.1	3560.1	5.60	840.4	7669.7	7.69
114.1	5764.1	6.24	810.1	3600.1	5.62	799.9	7710.2	7.66
197.3	5847.3	6.10	850.1	3640.1	5.56	759.4	7750.7	7.49
280.6	5930.6	6.42	890.1	3680.1	5.63	718.9	7791.2	7.42
363.8	6013.8	6.86	930.1	3720.1	5.71	678.4	7831.7	7.26
447.1	6097.1	7.37	970.1	3760.1	5.63	637.8	7872.3	7.20
530.3	6180.3	7.82	1010.1	3800.1	5.80	597.3	7912.8	7.19
613.6	6263.6	7.86	1050.1	3840.1	5.83	556.8	7953.3	7.08
676.0	6326.0	7.76	1110.1	3900.1	6.41	516.3	7993.8	7.03
759.2	6409.2	7.83	1150.1	3940.1	6.55	475.8	8034.3	6.81
821.7	6471.7	7.68	1210.1	4000.1	6.39	435.3	8074.8	6.81
904.9	6554.9	7.58	1250.1	4040.1	6.56	394.8	8115.3	6.70
967.4	6617.4	7.77	1310.1	4100.1	6.26	354.3	8155.8	6.59
1050.6	6700.6	7.95	1350.1	4140.1	6.55	313.8	8196.3	6.58
1113.0	6763.0	8.40	1410.1	4200.1	7.79	273.3	8236.8	6.48
1196.3	6846.3	8.82	1450.1	4240.1	8.37	232.8	8277.3	6.29
1258.7	6908.7	8.42	1510.1	4300.1	8.99	192.3	8317.8	6.24
1342.0	6992.0	8.87	1550.1	4340.1	9.56	151.8	8358.3	6.19
1404.4	7054.4	9.31	1610.1	4400.1	8.91	111.3	8398.8	6.15
1487.7	7137.7	9.88	1650.1	4440.1	9.30	70.8	8439.3	6.03
1550.1	7200.1	11.11	1710.1	4500.1	9.90	10.0	8500.1	6.55

Frequency Mixer

MCA1-85+

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+4	+7	+10	+4	+7	+10
1930.1	26.93	25.88	24.47	3.56	3.54	3.21
2130.1	29.00	28.65	29.06	4.34	4.60	4.75
2330.1	37.56	33.32	32.62	6.44	6.59	6.20
2530.1	46.92	59.63	51.89	8.24	7.95	7.67
2730.1	41.01	41.57	41.89	10.84	10.29	9.42
2930.1	45.06	44.00	43.78	13.19	12.21	11.20
3130.1	46.80	40.13	36.95	13.80	13.03	12.26
3330.1	44.63	60.10	43.10	14.22	13.44	13.06
3530.1	36.28	39.49	39.29	13.65	13.65	13.54
3730.1	30.20	30.36	30.99	12.41	12.88	13.34
3930.1	29.33	30.39	31.76	11.44	12.50	13.55
4110.1	28.75	32.80	36.76	11.12	12.72	14.21
4310.1	26.59	29.90	32.73	13.89	15.57	17.31
4490.1	28.70	31.04	32.64	16.86	18.43	19.57
4690.1	32.34	34.25	34.94	20.43	21.13	21.55
4870.1	36.43	39.44	40.33	23.25	22.94	22.78
5070.1	39.05	43.49	45.27	25.68	24.63	23.90
5250.1	35.57	38.21	42.29	27.48	25.60	24.78
5450.1	41.07	42.08	43.61	29.06	26.98	25.98
5630.1	42.80	41.44	41.22	30.09	28.12	27.12
5830.1	50.39	45.68	42.23	31.30	29.46	28.44
6010.1	44.20	41.89	40.17	33.18	31.53	30.38
6210.1	40.24	38.53	37.15	34.89	33.77	32.71
6390.1	36.79	34.56	32.96	36.98	36.16	34.80
6590.1	37.41	35.40	33.15	42.04	39.91	37.53
6770.1	34.24	32.05	30.05	48.55	44.48	40.64
6970.1	31.50	29.21	27.81	52.93	49.38	42.60
7150.1	29.02	27.16	25.60	43.33	44.23	39.18
7350.1	27.40	26.80	25.45	39.51	37.24	32.45
7530.1	27.78	27.09	26.17	34.18	30.63	27.37
7730.1	29.88	27.92	26.64	29.22	25.95	23.78
7910.1	31.44	27.71	25.74	24.72	22.63	21.77
8110.1	29.66	26.29	23.78	21.36	21.40	21.19
8290.1	25.96	24.13	22.31	20.56	21.29	21.15
8490.1	24.17	23.05	21.23	20.46	21.42	21.44
8670.1	23.23	23.55	22.51	20.84	22.02	22.25
8870.1	19.90	20.35	20.15	21.50	22.86	23.60
9050.1	18.88	19.09	19.37	21.47	22.74	23.77
9250.1	17.13	17.01	17.55	22.29	23.67	24.89
9430.1	17.61	18.91	19.81	23.13	24.12	24.71

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+4	+7	+10
1900.1	1930.1	23.75	23.70	24.22
2100.1	2130.1	22.46	22.11	22.44
2300.1	2330.1	24.06	24.50	26.01
2500.1	2530.1	34.80	34.40	34.20
2700.1	2730.1	34.55	33.31	32.31
2900.1	2930.1	31.61	29.87	28.18
3100.1	3130.1	25.64	24.09	22.76
3300.1	3330.1	20.39	19.52	18.95
3500.1	3530.1	16.90	16.07	15.59
3700.1	3730.1	15.54	14.67	14.06
3900.1	3930.1	12.79	12.34	12.08
4080.1	4110.1	12.11	12.12	12.07
4280.1	4310.1	9.48	9.61	9.66
4460.1	4490.1	10.12	10.26	10.42
4660.1	4690.1	12.08	12.42	12.70
4840.1	4870.1	12.46	12.67	12.83
5040.1	5070.1	14.13	14.29	14.43
5220.1	5250.1	15.65	15.94	16.11
5420.1	5450.1	17.19	17.53	17.75
5600.1	5630.1	18.42	18.80	19.02
5800.1	5830.1	19.45	19.47	19.55
5980.1	6010.1	21.72	21.75	21.62
6180.1	6210.1	24.19	24.19	24.02
6360.1	6390.1	25.61	25.22	24.94
6560.1	6590.1	26.00	25.11	24.55
6740.1	6770.1	25.35	24.38	23.79
6940.1	6970.1	23.37	22.64	22.25
7120.1	7150.1	21.77	21.30	20.92
7320.1	7350.1	20.99	20.83	20.55
7500.1	7530.1	20.05	20.18	20.07
7700.1	7730.1	19.66	20.39	21.03
7880.1	7910.1	19.34	20.45	21.64
8080.1	8110.1	20.54	21.44	22.49
8260.1	8290.1	21.34	21.66	22.12
8460.1	8490.1	21.58	22.32	23.16
8640.1	8670.1	19.39	19.95	20.63
8840.1	8870.1	18.74	18.95	19.31
9020.1	9050.1	18.16	18.32	18.62
9220.1	9250.1	18.31	18.55	19.40
9400.1	9430.1	20.53	21.33	22.06

Frequency Mixer

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Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)		
		@LO (dBm)		
		+4	+7	+10
1900.1	1930.1	3.26	2.57	2.07
2100.1	2130.1	3.60	2.93	2.55
2300.1	2330.1	4.63	3.95	3.37
2500.1	2530.1	3.98	3.58	3.30
2700.1	2730.1	2.93	2.64	2.42
2900.1	2930.1	2.58	2.29	2.06
3100.1	3130.1	2.20	1.94	1.73
3300.1	3330.1	1.85	1.66	1.54
3500.1	3530.1	1.49	1.35	1.28
3700.1	3730.1	1.61	1.39	1.25
3900.1	3930.1	1.57	1.39	1.27
4080.1	4110.1	2.60	2.41	2.27
4280.1	4310.1	2.59	2.46	2.34
4460.1	4490.1	2.60	2.45	2.34
4660.1	4690.1	2.66	2.44	2.27
4840.1	4870.1	3.76	3.57	3.41
5040.1	5070.1	3.38	3.16	3.00
5220.1	5250.1	3.11	2.78	2.61
5420.1	5450.1	2.81	2.42	2.18
5600.1	5630.1	3.14	2.61	2.31
5800.1	5830.1	3.13	2.68	2.44
5980.1	6010.1	3.82	3.37	3.13
6180.1	6210.1	3.10	2.69	2.48
6360.1	6390.1	2.62	2.20	1.98
6560.1	6590.1	2.22	1.89	1.70
6740.1	6770.1	2.01	1.68	1.50
6940.1	6970.1	1.70	1.41	1.28
7120.1	7150.1	1.56	1.32	1.21
7320.1	7350.1	1.47	1.27	1.21
7500.1	7530.1	1.43	1.28	1.29
7700.1	7730.1	1.54	1.46	1.50
7880.1	7910.1	1.71	1.65	1.70
8080.1	8110.1	1.82	1.79	1.83
8260.1	8290.1	1.89	1.86	1.89
8460.1	8490.1	1.86	1.81	1.85
8640.1	8670.1	1.88	1.67	1.55
8840.1	8870.1	2.83	2.58	2.37
9020.1	9050.1	3.19	2.89	2.68
9220.1	9250.1	3.29	2.95	2.53
9400.1	9430.1	2.69	2.56	2.49

LO (MHz)	LO VSWR (:1)		
	@LO (dBm)		
	+4	+7	+10
1930.1	1.78	1.79	1.88
2130.1	2.08	2.24	2.39
2330.1	2.46	2.56	2.84
2530.1	2.60	2.79	3.17
2730.1	2.47	2.88	3.40
2930.1	2.23	2.80	3.47
3130.1	2.02	2.64	3.35
3330.1	1.84	2.45	3.14
3530.1	1.64	2.23	2.90
3730.1	1.53	2.04	2.67
3930.1	1.50	1.90	2.47
4110.1	1.53	1.90	2.37
4310.1	1.55	1.90	2.40
4490.1	1.65	1.99	2.48
4690.1	1.81	2.14	2.65
4870.1	1.99	2.25	2.72
5070.1	2.32	2.49	2.94
5250.1	2.52	2.54	2.92
5450.1	2.67	2.54	2.81
5630.1	2.73	2.47	2.65
5830.1	2.77	2.45	2.61
6010.1	3.02	2.48	2.55
6210.1	3.38	2.60	2.52
6390.1	3.58	2.64	2.42
6590.1	3.59	2.50	2.17
6770.1	3.33	2.40	2.04
6970.1	3.14	2.17	1.77
7150.1	2.86	2.00	1.60
7350.1	2.58	1.78	1.43
7530.1	2.33	1.64	1.39
7730.1	2.17	1.55	1.36
7910.1	2.09	1.52	1.36
8110.1	2.08	1.54	1.38
8290.1	2.07	1.50	1.35
8490.1	1.96	1.42	1.35
8670.1	1.91	1.44	1.43
8870.1	2.02	1.58	1.52
9050.1	2.10	1.65	1.48
9250.1	1.78	1.41	1.16
9430.1	2.16	2.07	1.86

IF (OUT) (MHz)	IF VSWR @LO=8500MHz (:1)		
	@LO (dBm)		
	+4	+7	+10
10.0	1.14	1.04	1.23
90.3	1.17	1.08	1.23
170.5	1.23	1.15	1.25
250.8	1.33	1.23	1.28
331.1	1.46	1.33	1.31
411.3	1.60	1.44	1.36
491.6	1.72	1.53	1.42
571.9	1.83	1.62	1.48
652.1	1.95	1.72	1.56
732.4	2.09	1.84	1.64
812.7	2.14	1.89	1.69
893.0	2.14	1.91	1.73
973.2	2.26	2.00	1.80
1053.5	2.37	2.08	1.87
1133.8	2.37	2.08	1.89
1214.0	2.21	1.98	1.84
1294.3	2.03	1.90	1.83
1374.6	2.09	2.04	2.01
1454.8	2.31	2.24	2.22
1535.1	2.30	2.19	2.14
1615.4	1.95	1.86	1.82
1695.6	1.63	1.62	1.64
1775.9	1.61	1.67	1.71
1856.2	1.72	1.78	1.81
1936.4	1.65	1.68	1.70
2016.7	1.47	1.54	1.59
2097.0	1.48	1.65	1.74
2157.2	1.71	1.87	1.94
2237.4	1.74	1.91	2.00
2297.7	1.92	2.13	2.23
2377.9	2.03	2.25	2.36
2438.1	2.13	2.37	2.49
2518.4	2.08	2.33	2.46
2578.6	2.04	2.32	2.48
2658.9	1.96	2.26	2.48
2719.1	1.94	2.24	2.48
2799.3	2.02	2.27	2.52
2859.5	2.30	2.54	2.81
2939.8	2.70	2.90	3.14
3000.0	2.90	3.06	3.25

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	24	11	39	---	---	---	---	---	---
1	-	13	+0	42	23	42	43	---	---	---	---	---
2	89	60	67	>69	67	>69	56	56	---	---	---	---
3	>90	>69	68	>69	64	>69	>69	>69	>69	---	---	---
4	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	---	---
5	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69	---
6	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	---	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69
8	---	---	---	---	---	>69	>69	>69	>69	>69	>69	>69
9	---	---	---	---	---	---	>69	>69	>69	>69	>69	>69
10	---	---	---	---	---	---	---	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 5650 MHz; -14.00 dBm.
 LO IN: 5680 MHz; +7.00 dBm
 IF OUT: 30 MHz; -20.79 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	35	22	47	---	---	---	---	---	---
1	-	13	+0	43	22	45	45	---	---	---	---	---
2	70	51	59	51	60	58	48	52	---	---	---	---
3	>90	61	46	70	42	63	54	63	62	---	---	---
4	>90	65	74	78	78	63	79	75	72	61	---	---
5	---	---	>79	>79	>79	>79	68	>79	>79	>79	75	---
6	---	---	---	>79	>79	>79	>79	75	>79	>79	>79	72
7	---	---	---	---	>79	>79	>79	>79	>79	>79	>79	>79
8	---	---	---	---	---	>79	>79	>79	>79	>79	>79	>79
9	---	---	---	---	---	---	>79	>79	>79	>79	>79	>79
10	---	---	---	---	---	---	---	>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: 5650 MHz; -4.00 dBm.
 LO IN: 5680 MHz; +7.00 dBm
 IF OUT: 30 MHz; -10.74 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.