

Frequency Mixer

ADE-3GL+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+4	+7	+10
1620.0	1650.0	41.18	10.97	6.07
1680.0	1710.0	28.32	7.59	5.56
1740.0	1770.0	17.14	6.75	5.47
1800.0	1830.0	11.51	6.72	5.65
1860.0	1890.0	8.68	6.32	5.46
1920.0	1950.0	8.13	6.51	5.72
1980.0	2010.0	7.63	6.36	5.64
2040.0	2070.0	7.10	6.06	5.45
2100.0	2130.0	7.04	6.20	5.63
2160.0	2190.0	6.89	6.12	5.63
2220.0	2250.0	6.88	6.06	5.57
2280.0	2310.0	7.22	6.30	5.78
2320.0	2350.0	7.18	6.16	5.59
2380.0	2410.0	7.92	6.72	6.03
2420.0	2450.0	7.97	6.75	6.01
2480.0	2510.0	8.49	7.24	6.42
2520.0	2550.0	8.36	7.14	6.40
2580.0	2610.0	8.59	7.42	6.74
2620.0	2650.0	8.48	7.33	6.73
2680.0	2710.0	8.65	7.47	6.88
2720.0	2750.0	8.57	7.46	6.92
2780.0	2810.0	8.63	7.55	7.00
2820.0	2850.0	8.57	7.59	7.08
2880.0	2910.0	8.72	7.68	7.15
2920.0	2950.0	8.77	7.83	7.36
2980.0	3010.0	8.79	7.69	7.24
3020.0	3050.0	8.94	7.88	7.41
3080.0	3110.0	8.93	7.65	7.15
3120.0	3150.0	9.13	7.81	7.33
3180.0	3210.0	9.29	7.67	7.20
3220.0	3250.0	9.69	7.89	7.44
3280.0	3310.0	9.89	7.67	7.22
3320.0	3350.0	10.71	8.01	7.50
3380.0	3410.0	11.14	7.82	7.29
3420.0	3450.0	12.50	8.22	7.55
3480.0	3510.0	13.61	8.11	7.35
3520.0	3550.0	17.08	8.74	7.62
3580.0	3610.0	18.76	8.86	7.49
3620.0	3650.0	23.18	9.85	7.83
3680.0	3710.0	25.09	10.38	7.87

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+4	+7	+10
1620.0	1650.0	-13.50	4.72	14.52
1680.0	1710.0	-10.37	10.64	13.43
1740.0	1770.0	-4.19	10.23	13.00
1800.0	1830.0	6.53	10.17	19.10
1860.0	1890.0	8.13	12.47	17.39
1920.0	1950.0	12.01	15.17	18.08
1980.0	2010.0	18.77	17.56	20.51
2040.0	2070.0	14.52	17.28	18.63
2100.0	2130.0	12.87	16.83	17.37
2160.0	2190.0	12.13	15.32	16.27
2220.0	2250.0	11.79	14.54	15.53
2280.0	2310.0	12.17	14.38	16.37
2320.0	2350.0	11.65	14.40	17.69
2380.0	2410.0	13.49	16.50	21.75
2420.0	2450.0	13.50	16.51	19.68
2480.0	2510.0	14.62	16.62	19.22
2520.0	2550.0	13.21	16.74	17.58
2580.0	2610.0	13.49	16.96	17.91
2620.0	2650.0	12.79	16.83	18.17
2680.0	2710.0	12.48	16.67	19.28
2720.0	2750.0	13.47	16.36	18.16
2780.0	2810.0	12.67	16.44	19.11
2820.0	2850.0	13.05	16.29	17.66
2880.0	2910.0	12.17	16.20	16.89
2920.0	2950.0	13.50	16.60	16.77
2980.0	3010.0	11.41	15.59	15.76
3020.0	3050.0	12.37	16.06	16.46
3080.0	3110.0	10.31	15.48	18.79
3120.0	3150.0	10.45	15.19	25.85
3180.0	3210.0	8.98	16.47	20.22
3220.0	3250.0	9.10	16.50	21.78
3280.0	3310.0	7.87	16.06	20.59
3320.0	3350.0	7.68	15.60	21.68
3380.0	3410.0	7.59	15.00	20.39
3420.0	3450.0	8.38	14.11	20.55
3480.0	3510.0	9.62	13.06	20.73
3520.0	3550.0	5.32	12.23	18.58
3580.0	3610.0	2.16	11.67	17.85
3620.0	3650.0	-1.45	11.21	16.43
3680.0	3710.0	-2.65	11.06	16.23

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+1dBm (dB)		
		@LO (dBm)		
		+4	+7	+10
1620.0	1650.0	-27.10	-1.37	0.35
1680.0	1710.0	-15.99	0.54	0.35
1740.0	1770.0	-6.06	0.84	0.33
1800.0	1830.0	-0.94	0.59	0.20
1860.0	1890.0	0.78	0.33	0.17
1920.0	1950.0	0.76	0.09	0.03
1980.0	2010.0	0.73	0.07	-0.01
2040.0	2070.0	0.86	0.14	0.06
2100.0	2130.0	0.84	0.10	0.00
2160.0	2190.0	0.96	0.19	0.05
2220.0	2250.0	0.99	0.18	0.06
2280.0	2310.0	0.86	0.12	0.05
2320.0	2350.0	0.97	0.20	0.12
2380.0	2410.0	0.75	0.11	0.07
2420.0	2450.0	0.73	0.14	0.09
2480.0	2510.0	0.65	0.07	0.03
2520.0	2550.0	0.71	0.02	0.03
2580.0	2610.0	0.73	-0.04	-0.04
2620.0	2650.0	0.79	0.01	-0.03
2680.0	2710.0	0.76	0.00	-0.04
2720.0	2750.0	0.75	-0.01	-0.01
2780.0	2810.0	0.75	-0.01	-0.01
2820.0	2850.0	0.67	-0.01	0.00
2880.0	2910.0	0.79	0.00	-0.01
2920.0	2950.0	0.66	-0.01	0.01
2980.0	3010.0	0.79	0.01	0.01
3020.0	3050.0	0.67	0.02	0.04
3080.0	3110.0	0.84	0.09	0.10
3120.0	3150.0	0.83	0.09	0.09
3180.0	3210.0	0.94	0.15	0.09
3220.0	3250.0	0.97	0.13	0.08
3280.0	3310.0	0.96	0.19	0.09
3320.0	3350.0	0.80	0.18	0.07
3380.0	3410.0	0.61	0.24	0.08
3420.0	3450.0	0.22	0.29	0.08
3480.0	3510.0	-0.47	0.36	0.08
3520.0	3550.0	-2.13	0.47	0.08
3580.0	3610.0	-3.31	0.53	0.07
3620.0	3650.0	-5.83	0.53	0.09
3680.0	3710.0	-6.99	0.51	0.10

Frequency Mixer

ADE-3GL+

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2339.89MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2089.89MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2610.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+7			+7			+7
160.1	2500.0	7.6	10.1	2100.0	6.27	910.1	1700.0	10.68
180.1	2520.0	7.7	30.1	2120.0	6.30	890.1	1720.0	10.35
200.1	2540.0	7.7	50.1	2140.0	6.27	870.1	1740.0	10.08
220.1	2560.0	7.7	70.1	2160.0	6.27	850.1	1760.0	9.74
240.1	2580.0	7.8	90.1	2180.0	6.14	830.1	1780.0	9.51
260.1	2600.0	7.7	110.1	2200.0	6.16	810.1	1800.0	9.28
280.1	2620.0	7.9	130.1	2220.0	6.22	790.1	1820.0	9.13
300.1	2640.0	7.8	150.1	2240.0	6.12	770.1	1840.0	8.96
320.1	2660.0	7.8	170.1	2260.0	6.12	750.1	1860.0	8.78
340.1	2680.0	7.7	190.1	2280.0	5.97	730.1	1880.0	8.58
360.1	2700.0	7.7	210.1	2300.0	6.01	710.1	1900.0	8.46
380.1	2720.0	7.7	230.1	2320.0	5.92	690.1	1920.0	8.27
400.1	2740.0	7.6	250.1	2340.0	5.85	670.1	1940.0	8.19
420.1	2760.0	7.7	270.1	2360.0	5.78	650.1	1960.0	8.01
440.1	2780.0	7.5	290.1	2380.0	5.66	630.1	1980.0	7.89
460.1	2800.0	7.5	310.1	2400.0	5.67	610.1	2000.0	7.76
480.1	2820.0	7.5	330.1	2420.0	5.61	590.1	2020.0	7.66
500.1	2840.0	7.4	350.1	2440.0	5.59	570.1	2040.0	7.55
520.1	2860.0	7.5	390.1	2480.0	5.56	550.1	2060.0	7.47
540.1	2880.0	7.4	410.1	2500.0	5.71	530.1	2080.0	7.38
560.1	2900.0	7.5	450.1	2540.0	5.78	510.1	2100.0	7.40
580.1	2920.0	7.5	470.1	2560.0	5.75	490.1	2120.0	7.40
600.1	2940.0	7.5	510.1	2600.0	5.96	470.1	2140.0	7.43
620.1	2960.0	7.5	530.1	2620.0	6.03	450.1	2160.0	7.48
640.1	2980.0	7.6	570.1	2660.0	6.20	430.1	2180.0	7.60
660.1	3000.0	7.7	590.1	2680.0	6.38	410.1	2200.0	7.70
680.1	3020.0	7.7	630.1	2720.0	6.64	390.1	2220.0	7.73
700.1	3040.0	7.7	650.1	2740.0	6.75	370.1	2240.0	7.86
720.1	3060.0	7.9	690.1	2780.0	7.07	330.1	2280.0	8.01
740.1	3080.0	7.9	710.1	2800.0	7.24	310.1	2300.0	8.01
760.1	3100.0	8.1	750.1	2840.0	7.53	270.1	2340.0	8.05
780.1	3120.0	8.1	770.1	2860.0	7.69	250.1	2360.0	8.02
820.1	3160.0	8.4	810.1	2900.0	7.98	210.1	2400.0	7.87
840.1	3180.0	8.6	830.1	2920.0	8.16	190.1	2420.0	7.85
880.1	3220.0	8.9	870.1	2960.0	8.54	150.1	2460.0	7.66
900.1	3240.0	9.0	890.1	2980.0	8.68	130.1	2480.0	7.63
940.1	3280.0	9.5	930.1	3020.0	9.09	90.1	2520.0	7.46
960.1	3300.0	9.7	950.1	3040.0	9.29	70.1	2540.0	7.39
1000.1	3340.0	10.1	990.1	3080.0	9.72	30.1	2580.0	7.33
1020.1	3360.0	10.6	1010.1	3100.0	9.96	10.1	2600.0	7.35

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IF/RF MICROWAVE COMPONENTS



Frequency Mixer

ADE-3GL+

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)			RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)					@LO (dBm)		
	+4	+7	+10	+4	+7	+10			+4	+7	+10
1650.0	26.10	26.87	28.52	7.47	7.58	8.56	1620.0	1650.0	20.57	22.48	25.48
1710.0	26.65	27.63	29.19	7.14	7.49	8.54	1680.0	1710.0	21.69	25.12	27.95
1770.0	27.16	28.18	29.71	6.89	7.79	8.70	1740.0	1770.0	24.10	27.69	29.81
1830.0	27.51	28.63	30.00	7.02	8.19	8.90	1800.0	1830.0	26.99	29.93	31.45
1890.0	27.61	29.25	31.00	7.62	8.68	9.22	1860.0	1890.0	31.12	32.53	33.71
1950.0	27.86	30.02	32.16	8.37	9.18	9.50	1920.0	1950.0	33.72	35.33	36.11
2010.0	28.26	30.91	33.49	9.32	9.83	9.91	1980.0	2010.0	36.95	38.13	39.78
2070.0	28.83	31.89	34.96	10.39	10.38	10.17	2040.0	2070.0	37.62	39.77	42.45
2130.0	29.28	32.64	36.09	11.40	11.09	10.64	2100.0	2130.0	39.99	41.82	41.09
2190.0	29.68	33.41	37.38	12.56	11.74	11.02	2160.0	2190.0	41.20	40.90	42.95
2250.0	29.47	33.44	37.72	13.56	12.30	11.56	2220.0	2250.0	40.48	39.74	41.35
2310.0	29.40	33.22	37.49	14.45	12.93	11.91	2280.0	2310.0	39.74	41.42	41.95
2350.0	29.13	32.88	37.02	15.08	13.35	12.28	2320.0	2350.0	38.94	39.41	41.23
2410.0	28.91	32.30	35.98	15.74	14.00	12.76	2380.0	2410.0	37.93	39.56	39.92
2450.0	28.73	32.10	35.60	15.90	14.34	13.17	2420.0	2450.0	37.15	37.78	38.05
2510.0	28.53	31.74	34.91	16.10	14.59	13.76	2480.0	2510.0	36.40	36.10	35.98
2550.0	28.57	31.76	34.74	16.20	14.83	14.01	2520.0	2550.0	36.70	36.31	35.87
2610.0	28.65	31.74	34.49	16.46	15.36	14.52	2580.0	2610.0	36.99	36.94	35.68
2650.0	28.70	31.76	34.36	16.56	15.67	14.95	2620.0	2650.0	37.76	36.36	35.63
2710.0	28.71	31.68	34.16	16.92	16.31	15.57	2680.0	2710.0	38.64	37.29	36.40
2750.0	28.87	31.69	33.90	17.16	16.78	16.16	2720.0	2750.0	40.67	38.34	36.64
2810.0	29.04	31.80	33.82	17.63	17.64	17.21	2780.0	2810.0	41.04	40.77	38.57
2850.0	29.30	31.79	33.40	18.06	18.28	18.10	2820.0	2850.0	41.87	39.69	38.95
2910.0	29.52	31.75	32.83	19.00	19.45	19.53	2880.0	2910.0	43.88	42.81	43.12
2950.0	29.81	31.55	32.10	19.85	20.50	20.70	2920.0	2950.0	46.86	45.04	41.41
3010.0	30.12	31.04	31.30	21.50	22.15	22.88	2980.0	3010.0	49.46	45.11	43.89
3050.0	30.29	30.62	30.37	22.98	23.76	24.52	3020.0	3050.0	50.47	45.55	45.68
3110.0	30.68	30.10	29.51	26.03	26.72	27.63	3080.0	3110.0	53.97	50.45	48.56
3150.0	30.76	29.65	28.73	29.13	29.74	30.39	3120.0	3150.0	53.50	52.10	50.22
3210.0	30.94	29.12	28.08	38.26	38.13	35.64	3180.0	3210.0	55.85	56.97	56.76
3250.0	30.76	28.79	27.31	40.90	42.91	34.85	3220.0	3250.0	52.42	57.03	60.39
3310.0	30.65	28.38	26.78	29.58	31.42	29.71	3280.0	3310.0	49.04	54.78	63.02
3350.0	30.24	27.97	26.35	25.91	27.59	27.06	3320.0	3350.0	46.85	52.21	62.46
3410.0	29.58	27.51	26.10	22.28	23.80	23.93	3380.0	3410.0	44.68	49.93	68.77
3450.0	28.96	27.17	25.82	20.42	21.88	22.47	3420.0	3450.0	43.17	48.64	53.84
3510.0	27.83	26.51	25.21	18.36	19.69	20.43	3480.0	3510.0	41.23	47.82	54.65
3550.0	27.35	26.11	24.97	17.27	18.39	19.31	3520.0	3550.0	40.12	47.27	50.27
3610.0	26.25	25.22	24.23	16.02	17.00	17.92	3580.0	3610.0	39.56	43.39	52.16
3650.0	25.75	24.73	23.98	15.41	16.14	17.19	3620.0	3650.0	38.44	42.43	46.87
3710.0	25.04	24.23	23.58	14.72	15.34	16.30	3680.0	3710.0	36.78	40.02	46.49

Frequency Mixer

ADE-3GL+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=2600MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+4	+7	+10		+4	+7	+10		+4	+7	+10
1620.0	1650.0	13.49	5.23	2.79	1650.0	4.60	4.25	3.24	10.0	2.32	1.78	1.46
1680.0	1710.0	10.43	3.46	2.30	1710.0	4.09	3.34	2.98	30.0	2.26	1.76	1.46
1740.0	1770.0	6.68	2.84	2.10	1770.0	3.39	2.70	2.81	50.0	2.27	1.77	1.47
1800.0	1830.0	4.41	2.67	2.17	1830.0	2.77	2.38	2.82	70.0	2.25	1.75	1.47
1860.0	1890.0	3.19	2.44	2.10	1890.0	2.10	2.19	2.78	90.0	2.23	1.73	1.45
1920.0	1950.0	2.84	2.35	2.06	1950.0	1.69	2.11	2.82	110.0	2.21	1.72	1.45
1980.0	2010.0	2.57	2.20	1.96	2010.0	1.52	2.12	2.88	130.0	2.24	1.76	1.48
2040.0	2070.0	2.30	2.02	1.83	2070.0	1.49	2.14	2.88	150.0	2.24	1.75	1.48
2100.0	2130.0	2.21	1.98	1.82	2130.0	1.65	2.22	2.92	170.0	2.22	1.73	1.47
2160.0	2190.0	2.20	1.99	1.85	2190.0	1.87	2.31	2.92	190.0	2.18	1.69	1.45
2220.0	2250.0	2.21	1.98	1.84	2250.0	2.15	2.38	2.88	210.0	2.17	1.70	1.47
2280.0	2310.0	2.35	2.08	1.92	2310.0	2.44	2.45	2.82	230.0	2.15	1.70	1.47
2320.0	2350.0	2.37	2.07	1.90	2350.0	2.67	2.48	2.75	250.0	2.14	1.67	1.45
2380.0	2410.0	2.64	2.28	2.06	2410.0	3.04	2.60	2.74	270.0	2.08	1.64	1.43
2420.0	2450.0	2.82	2.45	2.22	2450.0	3.33	2.67	2.71	290.0	2.06	1.63	1.43
2480.0	2510.0	3.30	2.91	2.65	2510.0	3.78	2.86	2.77	310.0	2.03	1.62	1.44
2520.0	2550.0	3.46	3.09	2.86	2550.0	3.93	2.86	2.72	330.0	2.00	1.58	1.42
2580.0	2610.0	3.78	3.41	3.18	2610.0	4.14	2.87	2.66	350.0	1.94	1.55	1.41
2620.0	2650.0	3.86	3.50	3.30	2650.0	4.11	2.77	2.55	390.0	1.85	1.51	1.41
2680.0	2710.0	4.08	3.69	3.47	2710.0	4.20	2.71	2.42	410.0	1.81	1.48	1.39
2720.0	2750.0	4.11	3.73	3.54	2750.0	4.00	2.57	2.31	450.0	1.72	1.45	1.41
2780.0	2810.0	4.33	3.93	3.73	2810.0	4.03	2.49	2.21	470.0	1.68	1.44	1.44
2820.0	2850.0	4.35	3.99	3.79	2850.0	3.76	2.36	2.13	510.0	1.60	1.45	1.49
2880.0	2910.0	4.48	4.09	3.86	2910.0	3.83	2.31	2.06	530.0	1.57	1.44	1.51
2920.0	2950.0	4.52	4.13	3.91	2950.0	3.53	2.21	2.01	570.0	1.52	1.49	1.61
2980.0	3010.0	4.59	4.13	3.90	3010.0	3.70	2.19	1.94	590.0	1.53	1.56	1.70
3020.0	3050.0	4.64	4.17	3.90	3050.0	3.50	2.14	1.92	630.0	1.54	1.66	1.83
3080.0	3110.0	4.63	4.05	3.77	3110.0	3.83	2.24	1.95	650.0	1.57	1.73	1.93
3120.0	3150.0	4.75	4.12	3.84	3150.0	3.81	2.29	2.03	690.0	1.65	1.89	2.13
3180.0	3210.0	4.78	4.04	3.76	3210.0	4.25	2.47	2.14	710.0	1.70	1.97	2.23
3220.0	3250.0	5.03	4.20	3.89	3250.0	4.32	2.56	2.21	750.0	1.88	2.23	2.53
3280.0	3310.0	5.10	4.13	3.82	3310.0	4.72	2.72	2.28	770.0	1.97	2.36	2.65
3320.0	3350.0	5.61	4.37	3.99	3350.0	4.96	2.86	2.36	810.0	2.12	2.56	2.91
3380.0	3410.0	5.72	4.27	3.87	3410.0	5.27	3.04	2.44	830.0	2.25	2.73	3.08
3420.0	3450.0	6.49	4.55	4.05	3450.0	5.72	3.30	2.56	870.0	2.52	3.05	3.43
3480.0	3510.0	6.86	4.54	3.96	3510.0	5.83	3.53	2.71	890.0	2.64	3.19	3.60
3520.0	3550.0	8.51	5.06	4.23	3550.0	6.24	3.93	2.90	930.0	2.92	3.52	3.95
3580.0	3610.0	8.81	5.17	4.25	3610.0	6.39	4.31	3.18	950.0	3.05	3.67	4.09
3620.0	3650.0	10.75	5.99	4.67	3650.0	6.61	4.80	3.47	990.0	3.27	3.91	4.34
3680.0	3710.0	10.62	6.24	4.82	3710.0	6.76	5.17	3.82	1010.0	3.43	4.07	4.51

Frequency Mixer

ADE-3GL+

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	14	28	5	36	33	47	19	55	43	61
1	-	33	0	48	39	39	41	50	49	52	52	68
2	57	72	50	53	50	72	60	62	64	84	51	72
3	62	105	90	96	68	84	74	82	70	80	76	73
4	88	84	91	100	87	95	93	114	92	106	79	84
5	111	89	87	88	85	92	91	82	101	91	85	92
6	101	81	85	84	86	83	88	96	89	96	90	87
7	107	86	93	82	86	94	90	84	100	85	87	85
8	96	66	83	81	84	82	86	88	84	89	87	84
9	103	72	73	75	89	94	81	88	86	85	86	86
10	101	70	77	73	87	90	89	98	92	91	82	87
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2350 MHz; -14 dBm.

LO IN: 2380 MHz; +7 dBm

IF OUT: 30 MHz; -20.43 dBm

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	4	39	16	42	45	60	37	77	56	80
1	-	32	0	47	38	39	46	54	56	58	61	81
2	57	63	41	44	40	68	50	61	58	77	48	80
3	62	63	59	71	52	67	55	67	55	67	63	75
4	88	70	73	84	67	76	73	74	63	66	75	81
5	111	93	73	85	90	90	66	91	74	83	66	86
6	101	99	93	85	96	100	86	93	85	89	82	79
7	107	99	100	98	84	109	97	102	88	97	94	102
8	96	81	100	95	95	95	100	98	98	98	101	104
9	103	91	82	95	95	93	99	97	96	92	93	101
10	101	92	91	82	96	95	92	91	99	92	97	93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2350 MHz; -4 dBm.

LO IN: 2380 MHz; +7 dBm

IF OUT: 30 MHz; -10.46 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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