Frequency Mixer LAVI-ED13017/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=540MHz (dB) @LO (dBm)		
		+21	+22	+23
10.1	550.1	11.93	11.52	11.10
110.1	650.1	9.14	8.67	8.32
210.1	750.1	8.73	8.31	8.04
310.1	850.1	8.44	8.22	8.03
410.1	950.1	7.92	7.76	7.64
510.1	1050.1	7.48	7.36	7.26
610.1	1150.1	7.25	7.16	7.13
710.1	1250.1	7.02	6.92	6.83
810.1	1350.1	8.20	8.15	8.08
910.1	1450.1	8.31	8.27	8.23
1010.1	1550.1	7.99	7.96	7.93
1110.1	1650.1	7.75	7.72	7.69
1210.1	1750.1	7.52	7.49	7.45
1310.1	1850.1	7.49	7.44	7.41
1410.1	1950.1	7.58	7.54	7.50
1510.1	2050.1	7.63	7.60	7.55
1610.1	2150.1	7.62	7.58	7.53
1710.1	2250.1	7.55	7.51	7.46
1810.1	2350.1	7.51	7.45	7.40
1910.1	2450.1	7.48	7.44	7.38
2010.1	2550.1	7.42	7.37	7.31
2110.1	2650.1	7.41	7.35	7.28
2210.1	2750.1	7.42	7.37	7.30
2310.1	2850.1	7.47	7.41	7.36
2410.1	2950.1	7.55	7.50	7.45
2510.1	3050.1	7.65	7.62	7.56
2610.1	3150.1	7.66	7.62	7.57
2710.1	3250.1	7.68	7.65	7.62
2810.1	3350.1	7.82	7.79	7.75
2910.1	3450.1	8.03	8.01	7.99
3010.1	3550.1	8.30	8.30	8.28
3110.1	3650.1	8.63	8.64	8.63
3210.1	3750.1	8.96	8.98	8.97
3310.1	3850.1	9.25	9.26	9.24
3390.1	3930.1	9.53	9.54	9.52
3490.1	4030.1	9.81	9.82	9.80
3570.1	4110.1	10.10	10.11	10.09
3670.1	4210.1	10.39	10.40	10.39
3750.1	4290.1	10.62	10.63	10.63
3850.1	4390.1	10.90	10.91	10.91

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm) @LO (dBm)		
		+21	+22	+23
10.1	550.1	11.45	11.88	12.35
110.1	650.1	11.35	11.76	12.16
210.1	750.1	11.21	11.78	12.51
310.1	850.1	12.64	13.58	14.65
410.1	950.1	17.50	18.49	19.35
510.1	1050.1	19.25	20.12	20.91
610.1	1150.1	20.83	21.76	22.71
710.1	1250.1	22.34	23.24	24.17
810.1	1350.1	21.30	22.13	23.54
910.1	1450.1	25.59	26.65	27.55
1010.1	1550.1	27.29	28.40	29.42
1110.1	1650.1	28.71	29.84	31.20
1210.1	1750.1	29.67	30.54	31.69
1310.1	1850.1	30.33	31.64	32.23
1410.1	1950.1	32.09	33.11	33.83
1510.1	2050.1	33.46	34.00	35.60
1610.1	2150.1	32.92	33.67	34.69
1710.1	2250.1	32.79	33.67	34.40
1810.1	2350.1	32.97	33.74	34.70
1910.1	2450.1	33.64	34.35	35.14
2010.1	2550.1	33.64	34.60	35.66
2110.1	2650.1	33.68	34.98	35.97
2210.1	2750.1	34.07	35.43	36.93
2310.1	2850.1	34.07	35.44	36.89
2410.1	2950.1	33.63	35.38	36.57
2510.1	3050.1	33.36	34.73	35.63
2610.1	3150.1	32.56	33.95	35.30
2710.1	3250.1	32.26	33.54	34.13
2810.1	3350.1	31.52	33.21	34.55
2910.1	3450.1	30.81	32.55	33.32
3010.1	3550.1	30.24	32.00	33.56
3110.1	3650.1	29.72	30.98	32.85
3210.1	3750.1	28.99	30.40	31.82
3310.1	3850.1	28.21	29.25	30.39
3390.1	3930.1	27.84	28.73	29.80
3490.1	4030.1	27.51	28.27	29.32
3570.1	4110.1	27.54	28.34	29.14
3670.1	4210.1	27.53	28.26	29.12
3750.1	4290.1	27.41	28.22	28.94
3850.1	4390.1	27.75	28.58	28.72

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+20dBm (dB) @LO (dBm)		
		+21	+22	+23
10.1	550.1	9.34	9.24	8.94
110.1	650.1	9.24	9.09	8.96
210.1	750.1	11.07	10.90	10.69
310.1	850.1	10.08	9.66	9.15
410.1	950.1	6.72	6.07	5.44
510.1	1050.1	5.72	5.14	4.57
610.1	1150.1	4.71	4.02	3.44
710.1	1250.1	4.01	3.43	2.85
810.1	1350.1	2.87	2.54	2.23
910.1	1450.1	2.47	2.09	1.76
1010.1	1550.1	1.70	1.33	1.03
1110.1	1650.1	1.11	0.83	0.58
1210.1	1750.1	0.76	0.58	0.42
1310.1	1850.1	0.57	0.41	0.32
1410.1	1950.1	0.39	0.28	0.21
1510.1	2050.1	0.27	0.21	0.15
1610.1	2150.1	0.25	0.19	0.14
1710.1	2250.1	0.27	0.19	0.15
1810.1	2350.1	0.26	0.19	0.15
1910.1	2450.1	0.29	0.22	0.17
2010.1	2550.1	0.36	0.27	0.21
2110.1	2650.1	0.37	0.29	0.23
2210.1	2750.1	0.41	0.31	0.23
2310.1	2850.1	0.43	0.31	0.24
2410.1	2950.1	0.46	0.34	0.26
2510.1	3050.1	0.47	0.36	0.27
2610.1	3150.1	0.56	0.42	0.32
2710.1	3250.1	0.60	0.45	0.39
2810.1	3350.1	0.56	0.44	0.34
2910.1	3450.1	0.63	0.47	0.39
3010.1	3550.1	0.68	0.50	0.38
3110.1	3650.1	0.65	0.49	0.36
3210.1	3750.1	0.65	0.47	0.36
3310.1	3850.1	0.75	0.57	0.43
3390.1	3930.1	0.93	0.71	0.54
3490.1	4030.1	1.00	0.76	0.58
3570.1	4110.1	1.04	0.78	0.59
3670.1	4210.1	1.12	0.85	0.61
3750.1	4290.1	1.13	0.85	0.61
3850.1	4390.1	1.10	0.82	0.78

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2200.1001MHz (dB) @LO (dBm) +22
1530.0	670.1	10.52
1447.4	752.7	10.16
1364.8	835.3	9.92
1282.2	917.9	9.57
1199.6	1000.5	9.25
1117.0	1083.1	8.89
1034.3	1165.8	8.65
951.7	1248.4	8.50
869.1	1331.0	8.53
786.5	1413.6	8.24
703.9	1496.2	7.95
621.3	1578.8	7.90
538.7	1661.4	7.99
456.1	1744.0	8.15
373.5	1826.6	8.47
290.9	1909.2	8.46
208.3	1991.8	8.05
125.7	2074.4	8.00
43.0	2157.1	8.87
57.4	2257.5	8.48
152.2	2352.3	7.76
270.7	2470.8	7.78
365.4	2565.5	7.80
483.9	2684.0	7.36
578.7	2778.8	7.31
697.2	2897.3	7.43
792.0	2992.1	7.50
910.4	3110.5	7.59
1005.2	3205.3	7.64
1123.7	3323.8	7.77
1218.5	3418.6	7.87
1337.0	3537.1	7.94
1431.7	3631.8	7.95
1550.2	3750.3	7.97
1645.0	3845.1	8.00
1763.5	3963.6	7.99
1858.3	4058.4	8.01
1976.7	4176.8	8.30
2071.5	4271.6	8.62
2190.0	4390.1	9.20

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1400.1MHz (dB) @LO (dBm) +22
10.0	1410.1	15.86
90.0	1490.1	8.40
170.0	1570.1	8.02
250.0	1650.1	8.03
330.0	1730.1	8.19
410.0	1810.1	7.87
490.0	1890.1	7.61
570.0	1970.1	7.45
650.0	2050.1	7.30
730.0	2130.1	7.19
810.0	2210.1	7.08
890.0	2290.1	6.99
970.0	2370.1	7.08
1050.0	2450.1	7.29
1130.0	2530.1	7.47
1210.0	2610.1	7.52
1290.0	2690.1	7.48
1370.0	2770.1	7.46
1450.0	2850.1	7.46
1530.0	2930.1	7.56
1610.0	3010.1	7.69
1690.0	3090.1	7.78
1770.0	3170.1	7.95
1850.0	3250.1	8.06
1930.0	3330.1	8.22
2010.0	3410.1	8.28
2090.0	3490.1	8.34
2150.0	3550.1	8.34
2230.0	3630.1	8.45
2290.0	3690.1	8.55
2370.0	3770.1	8.72
2430.0	3830.1	8.80
2510.0	3910.1	8.94
2570.0	3970.1	9.07
2650.0	4050.1	9.33
2710.0	4110.1	9.47
2790.0	4190.1	9.76
2850.0	4250.1	10.03
2930.0	4330.1	10.56
2990.0	4390.1	11.05

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3000.1001MHz (dB) @LO (dBm) +22
2430.0	570.1	10.86
2370.0	630.1	10.43
2310.0	690.1	10.05
2250.0	750.1	9.68
2190.0	810.1	9.59
2130.0	870.1	9.31
2070.0	930.1	9.16
2010.0	990.1	9.13
1950.0	1050.1	8.86
1890.0	1110.1	8.82
1830.0	1170.1	8.58
1770.0	1230.1	8.47
1710.0	1290.1	8.38
1650.0	1350.1	9.40
1590.0	1410.1	8.96
1530.0	1470.1	8.73
1470.0	1530.1	8.54
1410.0	1590.1	8.33
1350.0	1650.1	8.37
1290.0	1710.1	8.33
1230.0	1770.1	8.33
1170.0	1830.1	8.28
1110.0	1890.1	8.27
1050.0	1950.1	8.24
990.0	2010.1	8.25
930.0	2070.1	8.28
870.0	2130.1	8.18
810.0	2190.1	8.26
750.0	2250.1	8.31
690.0	2310.1	8.45
630.0	2370.1	8.57
570.0	2430.1	8.68
490.0	2510.1	8.82
430.0	2570.1	8.88
350.0	2650.1	9.12
290.0	2710.1	8.83
210.0	2790.1	8.23
150.0	2850.1	7.93
70.0	2930.1	8.23
10.0	2990.1	16.50

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB) @LO (dBm)			LO-IF ISOLATION (dB) @LO (dBm)		
	+21	+22	+23	+21	+22	+23
550.1	58.48	58.55	58.73	58.52	58.95	59.22
650.1	59.19	59.23	59.30	60.00	60.34	60.89
750.1	59.39	59.33	59.30	60.09	60.40	60.98
850.1	59.74	59.88	59.99	59.85	60.43	61.36
950.1	59.91	60.11	60.18	58.35	58.75	59.37
1050.1	57.82	57.68	57.44	56.24	56.48	56.92
1150.1	54.89	54.47	53.66	55.05	55.31	55.72
1250.1	51.69	51.35	51.01	65.10	63.46	61.89
1350.1	45.58	45.69	46.11	51.48	51.78	52.11
1450.1	46.85	46.98	47.10	48.70	48.93	49.23
1550.1	47.23	47.35	47.51	49.10	49.36	49.76
1650.1	48.12	48.51	49.09	52.66	52.95	53.14
1750.1	50.05	50.52	51.06	49.98	50.48	50.98
1850.1	50.61	50.69	50.88	47.90	48.36	48.97
1950.1	49.71	49.65	49.76	45.37	45.56	45.70
2050.1	47.51	47.53	47.64	42.43	42.48	42.46
2150.1	45.41	45.39	45.23	42.31	42.37	42.14
2250.1	42.75	42.57	42.68	43.47	43.43	43.50
2350.1	44.84	44.99	45.00	40.41	40.39	40.31
2450.1	48.07	48.12	48.15	36.46	36.42	36.38
2550.1	48.90	48.52	47.89	33.81	33.71	33.43
2650.1	47.45	47.23	46.89	30.77	30.57	30.15
2750.1	46.64	46.52	46.49	27.74	27.47	27.01
2850.1	44.17	43.88	43.69	26.12	25.69	25.38
2950.1	42.60	42.43	42.31	25.56	25.27	25.06
3050.1	44.34	44.14	43.83	26.49	26.22	25.86
3150.1	47.81	47.70	47.46	27.32	27.07	26.79
3250.1	49.64	49.66	49.77	28.08	28.02	27.95
3350.1	49.59	49.54	49.76	29.59	29.40	29.34
3450.1	49.62	49.84	50.03	31.02	30.98	30.90
3550.1	50.92	51.14	51.36	33.20	33.22	33.17
3650.1	53.56	53.72	54.13	35.65	35.68	35.64
3750.1	55.94	56.06	56.78	38.29	38.21	38.17
3850.1	60.00	60.54	61.56	41.27	41.18	40.98
3930.1	58.38	58.60	58.77	44.12	44.10	43.66
4030.1	53.68	53.67	53.47	48.21	48.08	47.63
4110.1	50.35	50.35	50.13	51.42	51.09	50.53
4210.1	47.54	47.37	47.21	50.79	50.82	50.68
4290.1	46.35	46.17	45.91	47.66	47.75	47.81
4390.1	43.69	43.47	43.44	46.00	46.06	46.12

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB) @LO (dBm)		
		+21	+22	+23
10.1	550.1	17.19	17.00	16.75
110.1	650.1	21.08	21.18	21.17
210.1	750.1	23.35	23.81	24.24
310.1	850.1	24.98	25.15	25.26
410.1	950.1	30.12	29.45	28.58
510.1	1050.1	80.24	62.40	52.64
610.1	1150.1	34.42	31.40	28.03
710.1	1250.1	44.62	45.20	47.13
810.1	1350.1	25.93	24.09	21.42
910.1	1450.1	28.82	27.96	26.99
1010.1	1550.1	29.89	29.04	28.01
1110.1	1650.1	30.38	29.18	27.08
1210.1	1750.1	34.89	34.15	33.13
1310.1	1850.1	35.39	34.22	32.25
1410.1	1950.1	37.55	37.25	36.83
1510.1	2050.1	38.61	38.70	38.66
1610.1	2150.1	38.84	39.06	39.27
1710.1	2250.1	38.62	38.95	39.25
1810.1	2350.1	38.83	39.15	39.39
1910.1	2450.1	37.66	38.03	38.51
2010.1	2550.1	36.59	36.77	36.92
2110.1	2650.1	36.33	36.46	36.52
2210.1	2750.1	36.04	35.90	35.31
2310.1	2850.1	35.18	34.97	34.84
2410.1	2950.1	32.70	32.34	31.68
2510.1	3050.1	33.46	33.39	33.18
2610.1	3150.1	35.90	35.93	35.99
2710.1	3250.1	36.27	35.56	35.23
2810.1	3350.1	35.92	36.17	36.49
2910.1	3450.1	36.43	36.06	35.73
3010.1	3550.1	39.02	39.26	39.49
3110.1	3650.1	45.37	46.17	46.95
3210.1	3750.1	54.85	52.31	50.28
3310.1	3850.1	44.17	43.02	42.00
3390.1	3930.1	41.61	40.76	40.05
3490.1	4030.1	40.76	40.09	39.47
3570.1	4110.1	40.93	40.38	39.82
3670.1	4210.1	40.94	40.53	40.15
3750.1	4290.1	40.52	40.20	39.86
3850.1	4390.1	39.89	39.62	39.58

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1) @LO (dBm)		
		+21	+22	+23
10.1	550.1	1.68	1.72	1.78
110.1	650.1	1.19	1.15	1.12
210.1	750.1	1.32	1.29	1.27
310.1	850.1	1.46	1.45	1.45
410.1	950.1	1.49	1.48	1.48
510.1	1050.1	1.60	1.59	1.58
610.1	1150.1	1.73	1.70	1.68
710.1	1250.1	1.96	1.93	1.91
810.1	1350.1	1.82	1.80	1.79
910.1	1450.1	1.79	1.77	1.75
1010.1	1550.1	1.88	1.86	1.84
1110.1	1650.1	1.97	1.94	1.92
1210.1	1750.1	2.07	2.05	2.02
1310.1	1850.1	2.08	2.05	2.03
1410.1	1950.1	1.98	1.94	1.92
1510.1	2050.1	1.90	1.88	1.85
1610.1	2150.1	1.88	1.86	1.83
1710.1	2250.1	1.80	1.77	1.75
1810.1	2350.1	1.72	1.70	1.68
1910.1	2450.1	1.62	1.60	1.58
2010.1	2550.1	1.49	1.47	1.45
2110.1	2650.1	1.37	1.35	1.33
2210.1	2750.1	1.26	1.24	1.22
2310.1	2850.1	1.22	1.20	1.18
2410.1	2950.1	1.23	1.22	1.21
2510.1	3050.1	1.24	1.24	1.23
2610.1	3150.1	1.22	1.23	1.23
2710.1	3250.1	1.17	1.18	1.18
2810.1	3350.1	1.23	1.26	1.27
2910.1	3450.1	1.39	1.41	1.43
3010.1	3550.1	1.51	1.54	1.56
3110.1	3650.1	1.61	1.63	1.65
3210.1	3750.1	1.68	1.70	1.72
3310.1	3850.1	1.76	1.77	1.80
3390.1	3930.1	1.83	1.84	1.87
3490.1	4030.1	1.89	1.90	1.93
3570.1	4110.1	1.92	1.94	1.97
3670.1	4210.1	1.94	1.96	1.99
3750.1	4290.1	1.91	1.93	1.96
3850.1	4390.1	1.91	1.94	1.94

LO (MHz)	LO VSWR (:1) @LO (dBm)		
	+21	+22	+23
550.1	4.42	4.42	4.41
650.1	4.45	4.45	4.44
750.1	4.63	4.62	4.61
850.1	4.88	4.87	4.84
950.1	5.27	5.25	5.22
1050.1	5.79	5.75	5.72
1150.1	6.42	6.37	6.30
1250.1	7.11	7.05	6.94
1350.1	7.53	7.47	7.38
1450.1	8.95	8.86	8.77
1550.1	9.63	9.53	9.38
1650.1	9.43	9.38	9.28
1750.1	8.20	8.12	8.01
1850.1	6.24	6.19	6.13
1950.1	4.39	4.35	4.31
2050.1	3.02	2.99	2.96
2150.1	2.17	2.15	2.13
2250.1	1.78	1.77	1.76
2350.1	1.76	1.76	1.76
2450.1	1.97	1.98	1.99
2550.1	2.29	2.30	2.31
2650.1	2.62	2.65	2.66
2750.1	2.98	3.00	3.01
2850.1	3.33	3.34	3.36
2950.1	3.60	3.62	3.62
3050.1	3.78	3.78	3.77
3150.1	3.76	3.73	3.70
3250.1	3.56	3.53	3.50
3350.1	3.26	3.21	3.16
3450.1	2.94	2.90	2.88
3550.1	2.65	2.63	2.60
3650.1	2.44	2.43	2.42
3750.1	2.30	2.29	2.29
3850.1	2.21	2.21	2.21
3930.1	2.17	2.17	2.17
4030.1	2.22	2.22	2.22
4110.1	2.23	2.22	2.22
4210.1	2.32	2.32	2.32
4290.1	2.35	2.34	2.33
4390.1	2.46	2.45	2.45

IF (OUT) (MHz)	IF VSWR @LO=3540MHz (:1) @LO (dBm)		
	+21	+22	+23
10.0	10.56	10.62	10.62
110.0	1.43	1.45	1.46
190.0	1.22	1.25	1.27
290.0	1.47	1.49	1.51
370.0	1.60	1.62	1.64
470.0	1.68	1.70	1.72
550.0	1.79	1.81	1.83
650.0	1.93	1.95	1.96
730.0	1.94	1.96	1.97
830.0	1.97	1.99	2.01
910.0	1.91	1.93	1.94
1010.0	1.85	1.86	1.88
1090.0	1.74	1.76	1.77
1190.0	1.63	1.64	1.65
1270.0	1.51	1.52	1.53
1370.0	1.39	1.40	1.42
1450.0	1.31	1.33	1.35
1550.0	1.23	1.26	1.28
1630.0	1.18	1.21	1.23
1730.0	1.16	1.19	1.21
1810.0	1.14	1.17	1.20
1910.0	1.13	1.16	1.18
1990.0	1.15	1.17	1.19
2090.0	1.14	1.16	1.18
2170.0	1.14	1.15	1.16
2270.0	1.12	1.13	1.14
2350.0	1.07	1.08	1.09
2450.0	1.07	1.09	1.10
2530.0	1.12	1.14	1.15
2630.0	1.14	1.16	1.17
2710.0	1.16	1.18	1.19
2810.0	1.21	1.23	1.25
2890.0	1.27	1.29	1.30
2990.0	1.29	1.31	1.33
3070.0	1.28	1.29	1.29
3170.0	1.17	1.16	1.16
3250.0	1.08	1.08	1.08
3350.0	1.16	1.17	1.18
3430.0	1.29	1.31	1.33
3530.0	1.55	1.58	1.61

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	+2	5	25	34	40	56	42	51	---	---
1	-	29	+0	33	26	37	41	55	57	70	70	---
2	58	59	67	48	61	61	74	73	79	>83	>83	>83
3	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
4	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
5	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
6	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	>83	>83	>83	82	>83	80	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2200 MHz; 0.00 dBm.
LO IN: 2740 MHz; +22.00 dBm
IF OUT: 540 MHz; -7.44 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	8	15	35	46	51	68	53	62	---	---
1	-	29	+0	33	26	37	41	55	57	71	71	---
2	38	48	58	38	52	50	63	62	70	83	78	84
3	67	84	64	65	61	78	78	85	83	91	>93	92
4	90	88	84	87	79	78	83	>93	>93	>93	>93	>93
5	>90	>93	>93	>93	90	>93	83	>93	>93	>93	>93	>93
6	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
7	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
8	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
9	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
10	>90	>93	>93	>93	>93	>93	>93	>93	93	>93	90	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2200 MHz; 10.00 dBm.
LO IN: 2740 MHz; +22.00 dBm
IF OUT: 540 MHz; 2.59 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.