Frequency Mixer MBA-591L+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB) @LO (dBm)		
		+1	+4	+7
2140.0	2170.0	17.61	10.84	8.83
2260.0	2290.0	11.51	8.69	7.90
2380.0	2410.0	8.57	7.62	7.23
2500.0	2530.0	7.45	6.90	6.61
2620.0	2650.0	6.86	6.44	6.17
2740.0	2770.0	6.49	6.07	5.80
2860.0	2890.0	6.20	5.74	5.42
2980.0	3010.0	5.89	5.41	5.13
3100.0	3130.0	5.81	5.29	5.00
3220.0	3250.0	5.88	5.30	4.96
3340.0	3370.0	5.98	5.33	4.96
3460.0	3490.0	6.00	5.34	5.02
3580.0	3610.0	6.13	5.52	5.21
3700.0	3730.0	6.32	5.71	5.42
3820.0	3850.0	6.49	5.82	5.49
3940.0	3970.0	6.65	5.83	5.56
4060.0	4090.0	6.73	6.03	5.80
4180.0	4210.0	6.99	6.33	6.10
4300.0	4330.0	7.22	6.53	6.32
4420.0	4450.0	7.22	6.61	6.43
4540.0	4570.0	7.07	6.65	6.63
4660.0	4690.0	7.11	6.58	6.42
4780.0	4810.0	7.44	6.92	6.68
4900.0	4930.0	7.51	7.05	6.83
5020.0	5050.0	7.43	7.04	6.83
5140.0	5170.0	7.33	6.97	6.78
5260.0	5290.0	7.21	6.90	6.72
5380.0	5410.0	7.25	6.89	6.69
5500.0	5530.0	7.47	7.04	6.79
5640.0	5670.0	7.55	7.08	6.82
5760.0	5790.0	7.61	7.02	6.72
5900.0	5930.0	7.89	7.09	6.75
6020.0	6050.0	8.12	6.95	6.54
6160.0	6190.0	8.93	6.91	6.37
6280.0	6310.0	10.31	7.53	6.73
6420.0	6450.0	12.33	7.90	6.79
6540.0	6570.0	13.60	8.05	6.64
6680.0	6710.0	14.75	8.29	6.53
6800.0	6830.0	14.87	8.61	6.58
6940.0	6970.0	17.94	10.29	6.71

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm) @LO (dBm)		
		+1	+4	+7
2140.0	2170.0	-1.69	10.84	9.91
2260.0	2290.0	8.08	7.92	8.21
2380.0	2410.0	6.14	6.54	6.83
2500.0	2530.0	4.31	4.71	5.04
2620.0	2650.0	4.26	5.26	6.01
2740.0	2770.0	4.79	5.69	6.22
2860.0	2890.0	5.05	6.14	6.96
2980.0	3010.0	4.92	6.17	7.09
3100.0	3130.0	5.27	6.25	7.80
3220.0	3250.0	4.79	6.06	7.34
3340.0	3370.0	4.93	6.20	7.56
3460.0	3490.0	5.36	6.61	7.99
3580.0	3610.0	5.96	7.11	8.69
3700.0	3730.0	7.33	8.04	9.51
3820.0	3850.0	7.82	8.50	10.03
3940.0	3970.0	8.66	8.38	10.18
4060.0	4090.0	10.40	9.32	10.63
4180.0	4210.0	12.26	10.79	11.44
4300.0	4330.0	13.30	12.30	11.70
4420.0	4450.0	12.66	12.44	13.22
4540.0	4570.0	9.93	13.53	13.44
4660.0	4690.0	9.35	16.52	12.75
4780.0	4810.0	13.35	14.93	14.33
4900.0	4930.0	12.93	15.77	14.03
5020.0	5050.0	12.37	15.98	13.89
5140.0	5170.0	12.11	14.50	15.15
5260.0	5290.0	11.84	14.08	14.58
5380.0	5410.0	11.97	13.47	15.70
5500.0	5530.0	13.00	14.41	16.55
5640.0	5670.0	13.23	13.62	14.42
5760.0	5790.0	10.45	14.07	15.45
5900.0	5930.0	9.29	13.48	15.48
6020.0	6050.0	7.84	11.39	14.59
6160.0	6190.0	7.32	9.66	13.92
6280.0	6310.0	6.12	10.42	14.07
6420.0	6450.0	0.82	7.33	10.94
6540.0	6570.0	-1.30	6.57	9.73
6680.0	6710.0	-2.41	6.10	9.66
6800.0	6830.0	-2.68	5.71	9.28
6940.0	6970.0	-5.37	1.94	7.33

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+1dBm (dB) @LO (dBm)		
		+1	+4	+7
2140.0	2170.0	-3.62	1.14	1.63
2260.0	2290.0	0.84	2.09	1.80
2380.0	2410.0	2.28	2.11	1.80
2500.0	2530.0	2.56	2.21	1.94
2620.0	2650.0	2.79	2.34	2.00
2740.0	2770.0	2.82	2.13	1.77
2860.0	2890.0	2.77	2.03	1.69
2980.0	3010.0	2.78	2.03	1.76
3100.0	3130.0	2.59	1.96	1.72
3220.0	3250.0	2.62	1.92	1.64
3340.0	3370.0	2.60	1.85	1.56
3460.0	3490.0	2.55	1.77	1.46
3580.0	3610.0	2.28	1.51	1.22
3700.0	3730.0	2.11	1.34	1.05
3820.0	3850.0	1.94	1.18	0.88
3940.0	3970.0	2.01	1.14	0.86
4060.0	4090.0	1.68	0.90	0.66
4180.0	4210.0	1.32	0.70	0.52
4300.0	4330.0	1.12	0.59	0.43
4420.0	4450.0	1.12	0.59	0.46
4540.0	4570.0	1.08	0.58	0.43
4660.0	4690.0	0.92	0.64	0.47
4780.0	4810.0	0.67	0.45	0.36
4900.0	4930.0	0.57	0.37	0.29
5020.0	5050.0	0.59	0.38	0.28
5140.0	5170.0	0.64	0.42	0.30
5260.0	5290.0	0.68	0.43	0.30
5380.0	5410.0	0.77	0.48	0.34
5500.0	5530.0	0.75	0.47	0.36
5640.0	5670.0	0.82	0.51	0.40
5760.0	5790.0	0.95	0.53	0.41
5900.0	5930.0	0.93	0.49	0.38
6020.0	6050.0	1.08	0.65	0.48
6160.0	6190.0	0.71	0.76	0.52
6280.0	6310.0	-0.11	0.74	0.62
6420.0	6450.0	-1.36	0.65	0.52
6540.0	6570.0	-2.44	0.61	0.58
6680.0	6710.0	-3.37	0.37	0.56
6800.0	6830.0	-3.59	0.22	0.57
6940.0	6970.0	-5.59	-0.56	0.81

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=5425MHz (dB) @LO (dBm) +4
2790.0	2635.0	10.60
2646.7	2778.3	9.26
2503.4	2921.6	9.07
2360.1	3064.9	9.29
2216.8	3208.2	8.87
2073.5	3351.5	8.59
1930.2	3494.8	8.58
1786.9	3638.1	8.91
1643.6	3781.4	9.71
1500.3	3924.7	10.14
1357.0	4068.0	10.51
1213.7	4211.3	10.18
1070.4	4354.6	9.84
927.1	4497.9	8.83
783.8	4641.2	8.19
640.5	4784.5	7.49
497.2	4927.8	7.08
353.9	5071.1	6.90
210.6	5214.4	6.79
67.3	5357.7	6.83
32.7	5457.7	6.85
89.4	5514.4	6.89
146.1	5571.1	7.05
202.8	5627.8	7.16
259.5	5684.5	7.39
316.2	5741.2	7.50
372.9	5797.9	7.62
429.6	5854.6	7.65
486.3	5911.3	7.79
543.0	5968.0	7.87
599.7	6024.7	7.91
656.4	6081.4	8.13
713.1	6138.1	8.27
769.8	6194.8	8.56
826.5	6251.5	8.91
883.2	6308.2	9.15
939.9	6364.9	9.59
996.6	6421.6	9.89
1053.3	6478.3	10.54
1110.0	6535.0	10.83

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4939.89MHz (dB) @LO (dBm) +4
10.1	4950.0	7.23
50.1	4990.0	6.99
90.1	5030.0	7.01
130.1	5070.0	7.02
170.1	5110.0	7.02
210.1	5150.0	7.06
250.1	5190.0	7.07
290.1	5230.0	7.07
330.1	5270.0	7.07
370.1	5310.0	7.04
410.1	5350.0	7.03
450.1	5390.0	7.08
490.1	5430.0	7.12
510.1	5450.0	7.14
550.1	5490.0	7.21
570.1	5510.0	7.22
610.1	5550.0	7.25
630.1	5570.0	7.28
670.1	5610.0	7.34
690.1	5630.0	7.37
730.1	5670.0	7.42
750.1	5690.0	7.49
790.1	5730.0	7.55
810.1	5750.0	7.55
850.1	5790.0	7.70
870.1	5810.0	7.68
910.1	5850.0	7.74
930.1	5870.0	7.90
970.1	5910.0	8.10
990.1	5930.0	8.16
1030.1	5970.0	8.39
1050.1	5990.0	8.57
1090.1	6030.0	8.75
1110.1	6050.0	8.98
1150.1	6090.0	9.29
1170.1	6110.0	9.35
1210.1	6150.0	9.71
1230.1	6170.0	9.81
1270.1	6210.0	10.06
1290.1	6230.0	10.35

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=5910MHz (dB) @LO (dBm) +4
1550.0	4360.0	10.49
1510.0	4400.0	10.36
1470.0	4440.0	10.30
1430.0	4480.0	9.94
1390.0	4520.0	9.91
1350.0	4560.0	9.76
1310.0	4600.0	9.59
1270.0	4640.0	9.48
1230.0	4680.0	9.09
1190.0	4720.0	8.82
1150.0	4760.0	8.49
1110.0	4800.0	8.21
1070.0	4840.0	8.15
1030.0	4880.0	7.95
990.0	4920.0	7.86
950.0	4960.0	7.67
910.0	5000.0	7.50
870.0	5040.0	7.44
830.0	5080.0	7.32
790.0	5120.0	7.28
750.0	5160.0	7.21
710.0	5200.0	7.14
670.0	5240.0	7.13
630.0	5280.0	7.18
590.0	5320.0	7.11
550.0	5360.0	7.10
510.0	5400.0	7.06
470.0	5440.0	7.03
430.0	5480.0	6.97
390.0	5520.0	6.97
350.0	5560.0	6.96
310.0	5600.0	6.97
270.0	5640.0	6.89
230.0	5680.0	6.91
190.0	5720.0	6.89
150.0	5760.0	6.90
110.0	5800.0	6.94
70.0	5840.0	6.94
30.0	5880.0	7.02
10.0	5900.0	7.26

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB) @LO (dBm)			LO-IF ISOLATION (dB) @LO (dBm)		
	+1	+4	+7	+1	+4	+7
2170.0	32.18	32.28	33.70	19.43	19.88	21.28
2290.0	30.91	31.85	33.87	19.88	21.30	23.32
2410.0	30.06	31.58	33.65	21.71	24.03	26.30
2530.0	29.50	30.99	32.82	24.81	27.65	29.21
2650.0	29.44	31.20	33.05	29.82	32.86	30.71
2770.0	28.13	29.83	31.51	51.15	34.33	29.04
2890.0	27.22	29.11	30.68	33.55	30.42	27.33
3010.0	26.67	28.68	30.31	28.50	27.54	26.42
3130.0	26.42	28.40	29.93	26.24	26.44	26.17
3250.0	25.99	28.14	29.65	25.17	26.09	26.15
3370.0	25.66	28.09	29.75	24.40	25.87	26.54
3490.0	25.68	28.44	30.06	24.09	25.85	26.99
3610.0	25.96	28.97	30.79	24.15	26.02	27.47
3730.0	25.76	28.66	30.63	24.19	26.13	27.86
3850.0	25.83	28.75	30.76	24.51	26.29	28.18
3970.0	26.50	29.53	31.57	25.16	26.82	28.62
4090.0	27.57	30.43	32.27	26.12	27.66	29.15
4210.0	28.47	31.24	33.11	27.23	28.37	29.18
4330.0	29.37	32.05	34.05	28.20	28.78	28.69
4450.0	30.22	32.75	34.43	29.19	28.70	27.47
4570.0	31.26	33.64	35.39	29.81	28.15	26.49
4690.0	33.14	36.23	37.92	29.92	27.77	25.67
4810.0	33.82	36.76	39.68	29.47	27.08	25.13
4930.0	35.20	37.97	40.86	28.54	26.28	24.68
5050.0	36.97	40.08	43.25	27.49	25.79	24.50
5170.0	39.24	42.98	47.14	26.98	25.61	24.60
5290.0	41.97	47.68	58.78	26.24	25.44	24.79
5410.0	44.88	53.59	55.46	26.04	25.48	24.96
5530.0	46.92	52.24	48.19	25.79	25.50	25.17
5670.0	42.83	46.46	48.50	25.78	25.76	25.52
5790.0	39.15	41.13	42.90	25.74	25.88	25.71
5930.0	35.83	37.03	37.93	25.77	25.99	25.88
6050.0	33.11	34.38	35.30	25.64	26.03	26.06
6190.0	30.61	31.55	32.45	25.80	26.04	26.23
6310.0	28.79	30.13	31.09	25.93	26.33	26.30
6450.0	26.50	27.56	28.50	26.33	26.63	26.61
6570.0	24.80	25.75	26.93	26.92	27.02	27.18
6710.0	23.23	24.22	25.47	28.31	28.39	28.15
6830.0	21.91	22.91	24.31	30.08	30.19	29.81
6970.0	19.99	20.70	22.20	31.63	31.70	31.51

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB) @LO (dBm)		
		+1	+4	+7
2140.0	2170.0	29.97	26.05	23.19
2260.0	2290.0	26.34	23.02	21.30
2380.0	2410.0	22.78	21.08	20.01
2500.0	2530.0	21.25	20.27	19.68
2620.0	2650.0	20.65	20.04	19.83
2740.0	2770.0	20.63	20.49	20.56
2860.0	2890.0	21.41	21.86	22.21
2980.0	3010.0	22.51	23.30	23.77
3100.0	3130.0	23.56	24.58	25.14
3220.0	3250.0	24.71	26.03	26.73
3340.0	3370.0	25.69	27.29	28.18
3460.0	3490.0	26.93	28.96	29.74
3580.0	3610.0	27.86	30.18	31.34
3700.0	3730.0	28.29	30.65	32.29
3820.0	3850.0	29.53	31.55	33.06
3940.0	3970.0	30.63	33.22	34.89
4060.0	4090.0	32.35	34.65	36.17
4180.0	4210.0	33.46	35.64	37.38
4300.0	4330.0	34.93	36.86	38.42
4420.0	4450.0	36.06	38.04	39.63
4540.0	4570.0	37.01	39.05	40.78
4660.0	4690.0	37.34	38.54	40.06
4780.0	4810.0	38.69	39.64	40.54
4900.0	4930.0	40.17	40.90	41.59
5020.0	5050.0	40.89	41.45	42.35
5140.0	5170.0	41.49	42.09	42.47
5260.0	5290.0	42.55	43.14	43.86
5380.0	5410.0	43.33	43.77	44.66
5500.0	5530.0	43.63	43.38	43.54
5640.0	5670.0	45.16	45.25	44.53
5760.0	5790.0	47.68	47.46	46.76
5900.0	5930.0	52.58	50.74	50.65
6020.0	6050.0	54.20	50.51	48.91
6160.0	6190.0	49.33	47.15	45.56
6280.0	6310.0	46.53	46.06	44.91
6420.0	6450.0	43.57	43.52	42.64
6540.0	6570.0	41.63	41.84	41.09
6680.0	6710.0	38.53	39.09	38.58
6800.0	6830.0	35.28	35.75	35.66
6940.0	6970.0	31.55	32.23	32.55

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1) @LO (dBm) +1	RF VSWR (:1) @LO (dBm) +4	RF VSWR (:1) @LO (dBm) +7
2140.0	2170.0	16.72	9.79	7.76
2260.0	2290.0	8.72	6.28	5.49
2380.0	2410.0	5.19	4.43	4.01
2500.0	2530.0	3.82	3.44	3.15
2620.0	2650.0	2.90	2.68	2.51
2740.0	2770.0	2.25	2.14	2.07
2860.0	2890.0	1.80	1.72	1.69
2980.0	3010.0	1.46	1.43	1.44
3100.0	3130.0	1.20	1.23	1.29
3220.0	3250.0	1.05	1.18	1.31
3340.0	3370.0	1.23	1.33	1.45
3460.0	3490.0	1.50	1.60	1.71
3580.0	3610.0	1.79	1.88	1.99
3700.0	3730.0	2.05	2.11	2.22
3820.0	3850.0	2.36	2.37	2.44
3940.0	3970.0	2.73	2.67	2.72
4060.0	4090.0	3.09	2.98	3.00
4180.0	4210.0	3.40	3.24	3.22
4300.0	4330.0	3.77	3.54	3.47
4420.0	4450.0	4.00	3.73	3.67
4540.0	4570.0	4.08	3.76	3.72
4660.0	4690.0	4.39	3.90	3.63
4780.0	4810.0	4.61	4.13	3.80
4900.0	4930.0	4.70	4.26	3.90
5020.0	5050.0	4.73	4.34	3.97
5140.0	5170.0	4.67	4.31	3.97
5260.0	5290.0	4.29	3.96	3.63
5380.0	5410.0	4.38	4.01	3.67
5500.0	5530.0	4.40	4.01	3.67
5640.0	5670.0	4.69	4.30	3.99
5760.0	5790.0	4.89	4.40	4.08
5900.0	5930.0	4.67	4.09	3.77
6020.0	6050.0	4.68	3.92	3.57
6160.0	6190.0	4.82	3.68	3.24
6280.0	6310.0	5.22	3.85	3.27
6420.0	6450.0	5.72	3.92	3.24
6540.0	6570.0	5.85	3.77	2.97
6680.0	6710.0	5.42	3.47	2.58
6800.0	6830.0	4.78	3.18	2.32
6940.0	6970.0	4.68	3.29	2.25

LO (MHz)	LO VSWR (:1) @LO (dBm) +1	LO VSWR (:1) @LO (dBm) +4	LO VSWR (:1) @LO (dBm) +7
2170.0	28.96	17.05	11.24
2290.0	15.13	9.23	8.68
2410.0	7.11	6.63	7.60
2530.0	4.87	5.61	7.00
2650.0	3.91	4.91	6.30
2770.0	3.17	4.26	5.65
2890.0	2.95	4.04	5.41
3010.0	3.01	4.03	5.33
3130.0	3.15	3.99	5.12
3250.0	3.34	3.92	4.83
3370.0	3.67	3.92	4.61
3490.0	4.05	4.00	4.48
3610.0	4.40	3.99	4.28
3730.0	4.78	3.96	3.99
3850.0	5.30	3.85	3.58
3970.0	5.79	3.82	3.27
4090.0	5.56	3.54	2.90
4210.0	5.20	3.17	2.49
4330.0	4.95	2.81	2.08
4450.0	4.37	2.37	1.66
4570.0	3.48	1.92	1.31
4690.0	2.71	1.54	1.06
4810.0	2.16	1.27	1.22
4930.0	1.68	1.12	1.51
5050.0	1.30	1.29	1.84
5170.0	1.08	1.55	2.19
5290.0	1.29	1.86	2.57
5410.0	1.63	2.24	3.03
5530.0	2.07	2.67	3.52
5670.0	2.71	3.16	3.95
5790.0	3.43	3.66	4.37
5930.0	4.55	4.41	4.98
6050.0	5.89	5.09	5.38
6190.0	7.80	6.11	5.97
6310.0	9.53	7.11	6.46
6450.0	11.03	8.31	6.91
6570.0	11.53	9.08	7.22
6710.0	11.85	9.63	7.53
6830.0	12.18	10.13	7.90
6970.0	12.44	11.24	8.77

IF (OUT) (MHz)	IF VSWR @LO=5900MHz (:1) @LO (dBm) +1	IF VSWR @LO=5900MHz (:1) @LO (dBm) +4	IF VSWR @LO=5900MHz (:1) @LO (dBm) +7
10.0	1.06	1.36	1.58
50.0	1.06	1.33	1.54
90.0	1.10	1.36	1.58
130.0	1.10	1.33	1.53
170.0	1.17	1.37	1.56
210.0	1.17	1.36	1.55
250.0	1.23	1.36	1.53
290.0	1.26	1.39	1.57
330.0	1.30	1.37	1.52
370.0	1.36	1.43	1.57
410.0	1.38	1.40	1.52
450.0	1.46	1.44	1.54
490.0	1.49	1.45	1.55
530.0	1.55	1.47	1.53
570.0	1.62	1.52	1.57
590.0	1.64	1.52	1.56
630.0	1.73	1.56	1.56
650.0	1.78	1.61	1.60
690.0	1.82	1.62	1.59
710.0	1.89	1.65	1.60
750.0	2.01	1.75	1.67
770.0	2.05	1.77	1.68
810.0	2.17	1.86	1.74
830.0	2.23	1.91	1.78
870.0	2.34	2.00	1.85
890.0	2.38	2.03	1.87
930.0	2.49	2.11	1.93
950.0	2.56	2.17	1.97
990.0	2.67	2.26	2.06
1010.0	2.70	2.28	2.07
1050.0	2.89	2.44	2.20
1070.0	2.98	2.51	2.27
1110.0	3.08	2.59	2.34
1130.0	3.19	2.69	2.42
1170.0	3.38	2.85	2.57
1190.0	3.45	2.92	2.63
1230.0	3.64	3.07	2.76
1250.0	3.82	3.25	2.92
1290.0	3.92	3.34	3.02
1310.0	4.05	3.44	3.10

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	1	29	22	51	---	---	---	---	---	---
1	-	37	+0	55	33	41	59	---	---	---	---	---
2	>90	>69	68	>69	67	>69	65	>69	---	---	---	---
3	>90	>69	>69	>69	57	>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

LO HARMONICS ORDER

Test conditions: RF IN: 5425 MHz; -14.00 dBm.
LO IN: 5455 MHz; +4.00 dBm
IF OUT: 30 MHz; -21.42 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	11	40	32	58	---	---	---	---	---	---
1	-	37	+0	56	33	42	62	---	---	---	---	---
2	72	64	58	65	59	67	57	70	---	---	---	---
3	>90	63	55	75	39	74	66	67	77	---	---	---
4	>90	>78	>78	>78	>78	76	>78	>78	75	>78	---	---
5	---	---	>78	>78	>78	>78	63	>78	>78	>78	>78	---
6	---	---	---	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	---	---	---	---	>78	>78	>78	>78	>78	>78	>78	>78
8	---	---	---	---	---	>78	>78	>78	>78	>78	>78	>78
9	---	---	---	---	---	---	>78	>78	>78	>78	>78	>78
10	---	---	---	---	---	---	---	>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: 5425 MHz; -4.00 dBm.
LO IN: 5455 MHz; +4.00 dBm
IF OUT: 30 MHz; -11.59 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.