

Frequency Mixer

MCA1T-60LH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+7	+10	+13
1500.1	1530.1	10.09	8.57	9.05
1700.1	1730.1	7.33	6.56	6.10
1900.1	1930.1	5.91	5.58	5.39
2100.1	2130.1	5.65	5.40	5.28
2300.1	2330.1	5.46	5.20	5.10
2500.1	2530.1	5.51	5.38	5.34
2700.1	2730.1	5.55	5.44	5.42
2900.1	2930.1	6.17	5.90	5.72
3100.1	3130.1	7.17	6.73	6.50
3300.1	3330.1	7.56	7.09	6.79
3500.1	3530.1	7.95	7.33	6.98
3680.1	3710.1	8.04	7.43	7.05
3880.1	3910.1	8.08	7.24	6.72
4060.1	4090.1	8.36	7.55	7.14
4260.1	4290.1	7.32	6.55	6.34
4440.1	4470.1	6.80	5.94	5.81
4640.1	4670.1	6.89	6.08	6.02
4820.1	4850.1	7.24	6.36	6.07
5020.1	5050.1	6.02	5.62	5.50
5200.1	5230.1	5.81	5.55	5.47
5400.1	5430.1	6.09	5.69	5.48
5580.1	5610.1	6.19	5.68	5.42
5780.1	5810.1	7.24	6.41	5.98
5960.1	5990.1	9.88	7.30	6.58
6160.1	6190.1	9.31	7.87	7.08
6340.1	6370.1	8.69	7.24	6.56
6540.1	6570.1	13.35	11.38	9.88
6720.1	6750.1	9.45	7.65	6.98
6920.1	6950.1	9.00	7.76	7.16
7100.1	7130.1	11.86	8.73	7.87
7300.1	7330.1	13.56	8.60	7.91
7480.1	7510.1	12.26	8.60	7.90
7680.1	7710.1	10.01	8.37	7.88
7860.1	7890.1	9.68	8.72	8.23
8060.1	8090.1	9.13	8.57	8.22
8240.1	8270.1	8.41	7.94	7.62
8440.1	8470.1	7.65	7.22	6.94
8620.1	8650.1	9.54	8.30	7.70
8820.1	8850.1	15.43	11.11	9.84
9000.1	9030.1	21.38	14.69	11.19

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+7	+10	+13
1500.1	1530.1	2.89	7.26	5.82
1700.1	1730.1	11.95	12.45	11.84
1900.1	1930.1	13.47	12.90	12.77
2100.1	2130.1	13.08	11.99	11.51
2300.1	2330.1	14.83	13.46	13.97
2500.1	2530.1	12.72	13.12	17.02
2700.1	2730.1	18.89	22.32	25.05
2900.1	2930.1	23.79	22.11	20.42
3100.1	3130.1	18.72	18.60	19.35
3300.1	3330.1	19.49	19.62	20.11
3500.1	3530.1	13.21	14.88	16.19
3680.1	3710.1	14.01	13.33	13.70
3880.1	3910.1	12.20	13.18	13.89
4060.1	4090.1	9.72	11.44	12.37
4260.1	4290.1	9.45	13.61	15.30
4440.1	4470.1	8.67	11.03	12.97
4640.1	4670.1	18.58	22.92	18.21
4820.1	4850.1	11.24	11.95	12.48
5020.1	5050.1	9.90	11.94	13.00
5200.1	5230.1	14.44	15.27	15.52
5400.1	5430.1	11.48	13.47	14.57
5580.1	5610.1	9.77	12.02	14.22
5780.1	5810.1	5.42	7.61	9.67
5960.1	5990.1	8.28	8.77	10.98
6160.1	6190.1	0.57	2.22	5.27
6340.1	6370.1	1.34	2.99	3.77
6540.1	6570.1	8.22	7.56	8.51
6720.1	6750.1	14.78	15.48	15.41
6920.1	6950.1	16.99	13.96	15.15
7100.1	7130.1	7.40	19.77	16.90
7300.1	7330.1	3.51	16.19	19.65
7480.1	7510.1	6.21	14.76	18.63
7680.1	7710.1	13.20	13.83	17.01
7860.1	7890.1	12.50	14.31	17.72
8060.1	8090.1	12.47	14.30	18.85
8240.1	8270.1	13.82	16.43	18.94
8440.1	8470.1	11.78	14.83	14.63
8620.1	8650.1	4.03	8.25	11.81
8820.1	8850.1	6.67	4.33	8.59
9000.1	9030.1	0.42	8.82	6.55

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+10dBm (dB)		
		@LO (dBm)		
		+7	+10	+13
1500.1	1530.1	4.93	4.80	5.73
1700.1	1730.1	5.85	5.38	4.86
1900.1	1930.1	5.96	5.36	4.86
2100.1	2130.1	5.64	5.17	4.75
2300.1	2330.1	5.07	4.61	4.21
2500.1	2530.1	4.35	3.60	3.10
2700.1	2730.1	4.65	3.81	3.43
2900.1	2930.1	4.96	4.49	4.09
3100.1	3130.1	4.45	3.94	3.62
3300.1	3330.1	3.99	3.62	3.36
3500.1	3530.1	3.89	3.53	3.25
3680.1	3710.1	3.85	3.43	3.12
3880.1	3910.1	4.63	3.71	3.39
4060.1	4090.1	5.27	3.90	3.44
4260.1	4290.1	5.66	4.57	3.67
4440.1	4470.1	4.99	4.02	3.18
4640.1	4670.1	4.88	3.83	3.00
4820.1	4850.1	4.91	4.34	3.83
5020.1	5050.1	5.15	4.38	3.93
5200.1	5230.1	5.07	4.41	3.88
5400.1	5430.1	5.52	5.12	4.69
5580.1	5610.1	5.70	5.25	4.86
5780.1	5810.1	5.76	4.92	4.47
5960.1	5990.1	5.22	5.38	4.40
6160.1	6190.1	7.88	7.14	5.74
6340.1	6370.1	14.25	13.15	11.32
6540.1	6570.1	4.15	3.99	3.70
6720.1	6750.1	4.25	3.75	3.40
6920.1	6950.1	4.05	3.26	2.75
7100.1	7130.1	2.56	2.99	2.34
7300.1	7330.1	1.66	3.06	2.36
7480.1	7510.1	2.60	3.49	2.57
7680.1	7710.1	4.23	3.69	2.72
7860.1	7890.1	5.04	3.96	3.07
8060.1	8090.1	5.17	4.05	3.46
8240.1	8270.1	5.50	4.32	3.65
8440.1	8470.1	6.58	5.26	4.40
8620.1	8650.1	9.01	8.01	6.53
8820.1	8850.1	7.93	8.92	7.96
9000.1	9030.1	3.80	5.96	6.21

Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3850MHz (dB)
		@LO (dBm)
		+10
2149.9	1700.1	9.84
2029.9	1820.1	9.13
1909.9	1940.1	8.66
1809.9	2040.1	9.06
1689.9	2160.1	9.50
1589.9	2260.1	9.41
1469.9	2380.1	10.31
1369.9	2480.1	10.64
1249.9	2600.1	9.67
1149.9	2700.1	9.72
1030.0	2820.0	9.72
930.0	2920.0	9.39
810.0	3040.0	8.69
710.0	3140.0	8.32
590.0	3260.0	7.57
490.0	3360.0	7.32
370.0	3480.0	7.06
270.0	3580.0	6.88
150.0	3700.0	6.97
50.0	3800.0	7.02
70.0	3920.0	7.30
170.0	4020.0	7.68
290.0	4140.0	8.00
390.0	4240.0	7.52
510.0	4360.0	7.58
610.0	4460.0	7.58
730.0	4580.0	7.77
830.0	4680.0	8.05
950.0	4800.0	8.01
1050.0	4900.0	8.27
1170.1	5020.1	8.32
1270.1	5120.1	8.54
1390.1	5240.1	8.39
1490.1	5340.1	8.81
1610.1	5460.1	9.01
1710.1	5560.1	9.64
1830.1	5680.1	10.56
1930.1	5780.1	10.85
2050.1	5900.1	11.00
2150.1	6000.1	11.92

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1690MHz (dB)
		@LO (dBm)
		+10
10.1	1700.1	7.20
90.1	1780.1	6.43
170.1	1860.1	6.16
250.1	1940.1	5.95
330.1	2020.1	5.92
410.1	2100.1	5.77
490.1	2180.1	5.81
570.1	2260.1	5.84
650.1	2340.1	5.83
710.1	2400.1	5.83
790.1	2480.1	6.05
850.1	2540.1	6.17
930.1	2620.1	6.37
990.1	2680.1	6.35
1070.1	2760.1	6.56
1130.1	2820.1	6.41
1210.1	2900.1	6.27
1270.1	2960.1	6.22
1350.1	3040.1	6.24
1410.1	3100.1	6.38
1490.1	3180.1	6.68
1550.1	3240.1	6.80
1630.1	3320.1	6.91
1690.1	3380.1	7.42
1770.1	3460.1	7.75
1830.1	3520.1	7.78
1910.1	3600.1	7.83
1970.1	3660.1	8.18
2050.1	3740.1	8.17
2110.1	3800.1	8.07
2190.1	3880.1	8.36
2250.1	3940.1	8.42
2330.1	4020.1	8.74
2390.1	4080.1	9.21
2470.1	4160.1	9.41
2530.1	4220.1	9.45
2610.1	4300.1	9.71
2670.1	4360.1	9.84
2750.1	4440.1	10.45
2810.1	4500.1	11.30

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=6010.1MHz (dB)
		@LO (dBm)
		+10
2710.0	3300.1	10.59
2650.0	3360.1	10.18
2590.0	3420.1	10.09
2530.0	3480.1	9.72
2450.0	3560.1	9.79
2390.0	3620.1	9.93
2310.0	3700.1	9.87
2250.0	3760.1	9.87
2170.0	3840.1	9.81
2110.0	3900.1	9.59
2030.0	3980.1	9.65
1970.0	4040.1	9.68
1890.0	4120.1	9.49
1830.0	4180.1	9.06
1750.0	4260.1	8.79
1690.0	4320.1	8.84
1610.0	4400.1	8.83
1550.0	4460.1	9.04
1470.0	4540.1	9.03
1410.0	4600.1	8.92
1330.0	4680.1	8.52
1270.0	4740.1	8.23
1190.0	4820.1	7.67
1130.0	4880.1	7.35
1050.0	4960.1	7.24
990.0	5020.1	6.93
910.0	5100.1	6.73
850.0	5160.1	6.58
770.0	5240.1	6.49
710.0	5300.1	6.54
630.0	5380.1	6.70
570.0	5440.1	6.76
490.0	5520.1	6.44
430.0	5580.1	6.35
350.0	5660.1	6.26
290.0	5720.1	6.44
210.0	5800.1	6.66
150.0	5860.1	7.01
70.0	5940.1	7.25
10.0	6000.1	7.72

Frequency Mixer

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+7	+10	+13	+7	+10	+13
1530.1	42.54	33.23	32.17	15.57	17.41	19.19
1730.1	31.51	30.22	29.62	15.88	18.14	20.10
1930.1	38.37	36.84	35.92	17.80	19.97	20.99
2130.1	39.75	38.02	35.51	17.08	18.09	18.04
2330.1	34.03	32.75	31.78	18.22	17.29	16.55
2530.1	32.95	32.28	31.02	17.68	16.38	15.38
2730.1	37.44	35.77	34.65	18.69	17.07	16.12
2930.1	38.82	38.90	38.73	18.46	17.65	17.00
3130.1	35.80	35.49	35.45	17.17	17.40	17.57
3330.1	37.94	37.88	37.76	15.58	17.19	18.54
3530.1	36.85	37.35	37.32	13.65	15.65	17.54
3710.1	36.92	38.30	36.69	12.36	13.90	15.02
3910.1	36.07	36.60	35.68	14.20	14.59	14.57
4090.1	39.64	38.60	37.19	17.90	16.42	15.59
4290.1	42.57	43.17	39.99	22.52	19.67	17.94
4470.1	44.96	44.61	37.25	29.17	23.11	20.09
4670.1	43.11	42.91	35.68	29.65	24.64	21.60
4850.1	35.64	37.27	36.11	28.33	25.33	23.57
5050.1	30.02	29.87	28.24	26.07	25.77	25.37
5230.1	26.63	27.12	26.76	23.78	24.31	24.48
5430.1	24.52	25.49	26.11	22.93	24.53	25.86
5610.1	25.07	25.62	25.82	20.50	22.09	23.65
5810.1	24.92	25.82	26.12	12.70	14.59	16.91
5990.1	25.87	26.94	27.59	12.25	14.14	16.22
6190.1	24.99	26.35	28.29	12.08	14.03	15.91
6370.1	23.15	24.52	26.01	10.81	12.34	13.75
6570.1	20.61	20.81	21.19	7.72	8.46	9.26
6750.1	20.91	21.20	21.40	8.85	10.57	12.44
6950.1	25.86	24.45	22.98	13.90	15.70	17.29
7130.1	28.33	26.37	23.69	18.43	19.90	21.08
7330.1	30.70	27.91	25.44	23.47	24.30	24.96
7510.1	28.96	27.70	25.97	27.30	28.00	27.16
7710.1	25.91	25.89	25.86	31.73	30.85	27.67
7890.1	23.27	23.72	24.15	34.57	30.35	26.57
8090.1	20.71	21.32	22.22	30.07	24.65	22.51
8270.1	19.03	20.31	21.41	21.91	19.78	18.56
8470.1	19.62	21.26	22.67	16.68	15.14	14.45
8650.1	26.80	31.34	33.52	16.41	15.58	15.02
8850.1	33.66	29.54	27.67	17.38	16.72	16.30
9030.1	29.91	29.45	28.74	16.05	15.94	15.17

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
1500.1	1530.1	14.32	11.27	13.84
1700.1	1730.1	12.64	11.34	10.66
1900.1	1930.1	18.39	17.30	16.40
2100.1	2130.1	21.01	21.89	22.26
2300.1	2330.1	24.06	22.25	20.97
2500.1	2530.1	20.31	18.59	17.69
2700.1	2730.1	17.57	16.96	16.59
2900.1	2930.1	19.74	19.33	19.00
3100.1	3130.1	23.32	22.77	22.40
3300.1	3330.1	23.15	23.04	22.87
3500.1	3530.1	26.25	26.28	26.36
3680.1	3710.1	28.05	27.11	26.51
3880.1	3910.1	17.95	17.30	16.87
4060.1	4090.1	16.00	15.43	15.08
4260.1	4290.1	16.15	15.27	14.83
4440.1	4470.1	16.81	16.15	15.70
4640.1	4670.1	17.96	17.46	17.02
4820.1	4850.1	18.39	18.03	17.74
5020.1	5050.1	17.20	16.83	16.72
5200.1	5230.1	15.81	15.05	14.66
5400.1	5430.1	17.70	17.13	16.73
5580.1	5610.1	23.04	22.52	22.07
5780.1	5810.1	28.69	25.87	24.29
5960.1	5990.1	23.12	22.72	21.81
6160.1	6190.1	21.83	24.02	23.99
6340.1	6370.1	21.28	23.10	23.98
6540.1	6570.1	19.71	19.73	18.31
6720.1	6750.1	16.10	16.39	16.71
6920.1	6950.1	15.05	15.61	16.06
7100.1	7130.1	14.16	14.80	15.11
7300.1	7330.1	12.15	13.44	13.78
7480.1	7510.1	10.82	11.54	11.76
7680.1	7710.1	9.39	9.72	9.90
7860.1	7890.1	8.20	8.42	8.57
8060.1	8090.1	8.03	8.17	8.38
8240.1	8270.1	10.16	10.27	10.47
8440.1	8470.1	15.13	15.20	15.27
8620.1	8650.1	20.49	21.38	21.65
8820.1	8850.1	22.90	25.73	26.12
9000.1	9030.1	19.70	19.84	20.23

Frequency Mixer

MCA1T-60LH+

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)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
1500.1	1530.1	2.75	2.12	2.25	1530.1	7.80	6.71	7.53	10.1	1.80	1.11	1.08
1700.1	1730.1	2.18	1.93	1.78	1730.1	3.87	4.06	4.68	90.1	1.83	1.18	1.15
1900.1	1930.1	2.23	2.10	2.02	1930.1	2.02	2.61	3.40	170.1	1.90	1.30	1.26
2100.1	2130.1	2.28	2.13	2.05	2130.1	1.57	2.13	2.77	250.1	1.98	1.41	1.37
2300.1	2330.1	2.20	2.00	1.89	2330.1	1.30	1.72	2.25	330.1	2.13	1.54	1.51
2500.1	2530.1	1.92	1.73	1.65	2530.1	1.46	1.69	2.12	410.1	2.34	1.72	1.69
2700.1	2730.1	1.86	1.73	1.66	2730.1	1.36	1.67	2.18	490.1	2.54	1.90	1.88
2900.1	2930.1	2.87	2.69	2.54	2930.1	1.37	1.87	2.48	570.1	2.74	2.04	2.02
3100.1	3130.1	3.73	3.51	3.35	3130.1	1.57	2.20	2.93	650.1	2.92	2.18	2.13
3300.1	3330.1	3.90	3.67	3.49	3330.1	1.96	2.64	3.42	730.1	3.09	2.30	2.21
3500.1	3530.1	4.12	3.89	3.71	3530.1	2.53	3.13	3.86	810.1	3.28	2.39	2.27
3680.1	3710.1	4.11	3.73	3.42	3710.1	3.14	3.52	4.09	890.1	3.54	2.51	2.33
3880.1	3910.1	3.91	3.45	3.07	3910.1	4.13	4.10	4.37	970.1	3.80	2.59	2.32
4060.1	4090.1	3.77	3.34	3.09	4090.1	4.56	3.95	4.07	1050.1	4.13	2.66	2.31
4260.1	4290.1	2.84	2.30	2.10	4290.1	5.65	3.91	3.62	1130.1	4.41	2.73	2.27
4440.1	4470.1	2.61	1.94	1.68	4470.1	7.76	4.38	3.37	1210.1	4.61	2.79	2.25
4640.1	4670.1	2.26	1.82	1.69	4670.1	7.11	3.73	2.55	1290.1	4.68	2.83	2.22
4820.1	4850.1	2.39	2.00	1.79	4850.1	5.12	2.72	1.76	1370.1	4.69	2.90	2.26
5020.1	5050.1	1.59	1.35	1.21	5050.1	2.93	1.83	1.46	1450.1	4.78	2.99	2.33
5200.1	5230.1	1.27	1.12	1.03	5230.1	1.70	1.56	1.86	1530.1	4.82	3.08	2.42
5400.1	5430.1	1.49	1.38	1.29	5430.1	1.39	1.94	2.57	1610.1	4.63	3.07	2.43
5580.1	5610.1	1.59	1.50	1.45	5610.1	2.17	2.63	3.26	1690.1	4.55	3.09	2.49
5780.1	5810.1	1.91	1.86	1.88	5810.1	4.00	4.03	4.46	1770.1	4.69	3.24	2.66
5960.1	5990.1	2.14	2.13	2.19	5990.1	7.02	6.73	6.39	1850.1	4.78	3.35	2.82
6160.1	6190.1	2.93	2.59	2.42	6190.1	7.87	8.86	9.23	1930.1	4.69	3.37	2.95
6340.1	6370.1	2.84	2.46	2.29	6370.1	6.49	7.14	7.90	2010.1	4.55	3.38	3.06
6540.1	6570.1	2.92	2.47	2.27	6570.1	3.18	3.30	3.57	2090.1	4.52	3.50	3.29
6720.1	6750.1	2.89	2.73	2.63	6750.1	2.13	2.03	2.08	2170.1	4.57	3.72	3.62
6920.1	6950.1	2.93	2.66	2.47	6950.1	5.41	3.66	2.57	2250.1	4.54	3.90	3.94
7100.1	7130.1	3.17	2.62	2.34	7130.1	8.43	5.39	3.45	2310.1	4.40	3.97	4.09
7300.1	7330.1	3.86	2.94	2.67	7330.1	10.25	6.56	4.38	2390.1	4.48	4.32	4.53
7480.1	7510.1	3.78	3.01	2.74	7510.1	10.37	6.71	5.12	2450.1	4.47	4.47	4.75
7680.1	7710.1	2.96	2.65	2.48	7710.1	8.27	6.07	5.58	2530.1	4.41	4.62	4.96
7860.1	7890.1	2.35	2.22	2.12	7890.1	5.99	5.33	5.44	2590.1	4.56	4.95	5.34
8060.1	8090.1	1.98	1.91	1.85	8090.1	4.20	4.42	4.82	2670.1	4.50	5.02	5.44
8240.1	8270.1	1.89	1.81	1.72	8270.1	3.11	3.50	3.90	2730.1	4.39	5.02	5.47
8440.1	8470.1	1.58	1.48	1.39	8470.1	1.60	1.77	1.90	2810.1	4.53	5.33	5.85
8620.1	8650.1	1.37	1.26	1.18	8650.1	2.40	2.29	2.21	2870.1	4.70	5.54	6.03
8820.1	8850.1	1.50	1.37	1.37	8850.1	4.01	3.87	3.79	2950.1	4.95	5.85	6.35
9000.1	9030.1	2.33	2.16	2.07	9030.1	4.68	4.53	4.40	3010.1	5.52	6.56	7.08

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+3	38	32	53	34	61	---	---	---	---
1	-	10	+0	27	20	45	35	56	55	---	---	---
2	64	37	38	39	35	44	57	50	51	72	---	---
3	>90	48	37	49	41	43	48	56	58	59	64	---
4	>90	64	70	62	54	60	52	60	77	60	71	74
5	>90	80	75	>83	59	73	51	66	55	>83	62	67
6	>90	>83	73	80	>83	>83	73	>83	72	81	>83	70
7	---	---	>83	>83	>83	>83	70	>83	68	70	73	>83
8	---	---	---	>83	>83	>83	>83	>83	79	>83	77	77
9	---	---	---	---	>83	>83	>83	>83	>83	>83	76	81
10	---	---	---	---	---	>83	>83	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 3850 MHz; 0.00 dBm.
 LO IN: 3880 MHz; +10.00 dBm
 IF OUT: 30 MHz; -7.23 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+13	30	20	33	19	55	---	---	---	---
1	-	11	+0	24	21	44	34	46	46	---	---	---
2	84	48	46	49	42	51	64	53	55	69	---	---
3	>90	68	58	68	58	61	60	73	64	68	72	---
4	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
5	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
6	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
7	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
8	---	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73
9	---	---	---	---	>73	>73	>73	>73	>73	>73	>73	>73
10	---	---	---	---	---	>73	>73	>73	>73	>73	>73	>73
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 3850 MHz; -10.00 dBm.
 LO IN: 3880 MHz; +10.00 dBm
 IF OUT: 30 MHz; -17.17 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.