

Frequency Mixer

ZMX-8GLH

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=+5dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+7	+10	+13			+7	+10	+13			+7	+10	+13
1500.1	1530.1	11.03	9.19	8.54	1500.1	1530.1	9.24	11.15	14.38	1500.1	1530.1	2.27	1.38	1.39
1755.1	1785.1	9.17	7.86	7.34	1755.1	1785.1	13.08	11.06	9.47	1755.1	1785.1	1.74	1.75	1.67
2010.1	2040.1	7.69	6.79	6.35	2010.1	2040.1	11.84	10.69	9.54	2010.1	2040.1	1.92	1.95	1.97
2265.1	2295.1	6.96	6.21	5.84	2265.1	2295.1	12.71	14.04	11.82	2265.1	2295.1	2.09	2.00	2.03
2520.1	2550.1	6.21	5.75	5.46	2520.1	2550.1	11.56	13.70	13.46	2520.1	2550.1	2.26	2.02	1.84
2775.1	2805.1	5.26	5.02	4.96	2775.1	2805.1	12.11	12.39	11.48	2775.1	2805.1	2.83	2.34	2.01
3030.1	3060.1	5.09	4.96	4.95	3030.1	3060.1	14.46	15.02	14.80	3030.1	3060.1	2.15	1.79	1.54
3285.1	3315.1	4.93	4.83	4.82	3285.1	3315.1	11.64	12.90	13.16	3285.1	3315.1	1.73	1.54	1.37
3540.1	3570.1	4.73	4.65	4.66	3540.1	3570.1	11.49	13.09	13.80	3540.1	3570.1	1.59	1.38	1.22
3795.1	3825.1	5.02	4.80	4.71	3795.1	3825.1	12.32	13.08	13.33	3795.1	3825.1	1.10	0.98	0.94
4050.1	4080.1	5.08	4.84	4.77	4050.1	4080.1	11.57	12.10	13.04	4050.1	4080.1	1.00	0.82	0.73
4305.1	4335.1	5.17	4.96	4.90	4305.1	4335.1	11.81	13.12	14.67	4305.1	4335.1	1.00	0.73	0.62
4560.1	4590.1	5.35	5.16	5.11	4560.1	4590.1	12.85	13.69	14.15	4560.1	4590.1	0.96	0.67	0.55
4815.1	4845.1	5.44	5.28	5.22	4815.1	4845.1	13.74	18.03	18.12	4815.1	4845.1	0.78	0.48	0.38
5070.1	5100.1	5.45	5.34	5.32	5070.1	5100.1	12.39	16.39	19.06	5070.1	5100.1	0.76	0.36	0.18
5325.1	5355.1	5.21	5.18	5.30	5325.1	5355.1	14.07	14.54	15.32	5325.1	5355.1	1.60	1.06	0.69
5580.1	5610.1	7.17	6.73	6.51	5580.1	5610.1	10.46	14.65	18.75	5580.1	5610.1	2.00	1.58	1.08
5835.1	5865.1	7.49	6.92	6.63	5835.1	5865.1	13.73	14.99	15.56	5835.1	5865.1	1.07	0.87	0.62
6090.1	6120.1	6.91	6.52	6.41	6090.1	6120.1	12.64	14.42	16.86	6090.1	6120.1	0.96	0.68	0.52
6345.1	6375.1	6.97	6.53	6.46	6345.1	6375.1	15.32	13.90	16.24	6345.1	6375.1	0.67	0.47	0.40
6600.1	6630.1	6.81	6.43	6.42	6600.1	6630.1	19.59	13.63	14.76	6600.1	6630.1	0.65	0.44	0.36
6880.6	6910.6	6.77	6.42	6.44	6880.6	6910.6	20.84	15.95	15.01	6880.6	6910.6	0.59	0.41	0.32
7135.6	7165.6	7.17	6.72	6.69	7135.6	7165.6	17.53	21.06	16.82	7135.6	7165.6	0.50	0.35	0.26
7416.1	7446.1	7.61	7.08	6.95	7416.1	7446.1	15.25	19.21	18.92	7416.1	7446.1	0.52	0.41	0.31
7671.1	7701.1	8.00	7.41	7.11	7671.1	7701.1	17.43	22.63	16.91	7671.1	7701.1	0.40	0.45	0.46
7951.6	7981.6	7.79	7.37	7.17	7951.6	7981.6	17.15	18.97	16.72	7951.6	7981.6	0.49	0.47	0.47
8206.6	8236.6	7.68	7.37	7.22	8206.6	8236.6	19.14	18.88	17.83	8206.6	8236.6	0.54	0.49	0.47
8487.1	8517.1	7.35	7.08	6.97	8487.1	8517.1	17.76	17.18	16.34	8487.1	8517.1	0.84	0.72	0.66
8742.1	8772.1	7.18	6.96	6.86	8742.1	8772.1	17.36	16.49	15.31	8742.1	8772.1	0.89	0.73	0.65
9022.6	9052.6	6.89	6.70	6.61	9022.6	9052.6	16.49	16.46	15.26	9022.6	9052.6	1.12	0.96	0.86
9277.6	9307.6	6.47	6.33	6.28	9277.6	9307.6	14.07	14.18	13.36	9277.6	9307.6	1.59	1.36	1.18
9558.1	9588.1	6.21	6.10	6.09	9558.1	9588.1	11.42	11.72	11.31	9558.1	9588.1	1.94	1.64	1.40
9813.1	9843.1	6.13	5.94	5.87	9813.1	9843.1	9.10	10.47	10.95	9813.1	9843.1	2.13	1.70	1.43
10093.6	10123.6	6.14	5.85	5.76	10093.6	10123.6	6.99	9.73	11.03	10093.6	10123.6	2.50	1.81	1.63
10348.6	10378.6	6.48	6.07	5.96	10348.6	10378.6	5.76	9.01	11.00	10348.6	10378.6	2.82	1.86	1.68
10629.1	10659.1	7.36	6.78	6.65	10629.1	10659.1	5.36	7.95	11.55	10629.1	10659.1	3.26	1.92	1.53
10884.1	10914.1	8.29	7.58	7.40	10884.1	10914.1	5.94	10.42	12.49	10884.1	10914.1	3.26	1.77	1.18
11164.6	11194.6	11.22	8.89	8.29	11164.6	11194.6	10.53	10.31	12.05	11164.6	11194.6	1.63	1.64	0.99
11419.6	11449.6	10.03	9.58	9.39	11419.6	11449.6	4.39	8.05	16.14	11419.6	11449.6	3.48	1.90	0.65
11700.1	11730.1	12.72	11.56	11.59	11700.1	11730.1	6.37	13.10	16.93	11700.1	11730.1	2.02	0.92	0.22

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Frequency Mixer

ZMX-8GLH

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=5850MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3690MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=8010.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
2149.9	3700.1	5.88	10.1	3700.1	5.06	2810.0	5200.1	11.53
2029.9	3820.1	5.86	90.1	3780.1	4.72	2730.0	5280.1	10.54
1909.9	3940.1	5.88	170.1	3860.1	4.74	2650.0	5360.1	9.66
1809.9	4040.1	5.93	250.1	3940.1	4.78	2570.0	5440.1	9.15
1689.9	4160.1	5.95	330.1	4020.1	4.84	2490.0	5520.1	8.76
1589.9	4260.1	5.93	410.1	4100.1	4.88	2410.0	5600.1	8.53
1469.9	4380.1	5.83	490.1	4180.1	5.03	2330.0	5680.1	8.34
1369.9	4480.1	5.65	570.1	4260.1	5.09	2250.0	5760.1	8.11
1249.9	4600.1	5.59	650.1	4340.1	5.16	2170.0	5840.1	8.00
1149.9	4700.1	5.38	710.1	4400.1	5.31	2110.0	5900.1	7.75
1030.0	4820.0	5.40	790.1	4480.1	5.40	2030.0	5980.1	7.67
930.0	4920.0	5.56	850.1	4540.1	5.46	1970.0	6040.1	7.60
810.0	5040.0	5.95	930.1	4620.1	5.61	1890.0	6120.1	7.58
710.0	5140.0	6.62	990.1	4680.1	5.63	1830.0	6180.1	7.40
590.0	5260.0	7.63	1070.1	4760.1	5.55	1750.0	6260.1	7.38
490.0	5360.0	8.31	1130.1	4820.1	5.47	1690.0	6320.1	7.22
370.0	5480.0	8.61	1210.1	4900.1	5.00	1610.0	6400.1	6.96
270.0	5580.0	8.24	1270.1	4960.1	4.87	1550.0	6460.1	7.05
150.0	5700.0	7.21	1350.1	5040.1	5.09	1470.0	6540.1	7.08
50.0	5800.0	6.96	1410.1	5100.1	5.05	1410.0	6600.1	7.17
70.0	5920.0	6.86	1490.1	5180.1	5.34	1330.0	6680.1	7.26
170.0	6020.0	6.78	1550.1	5240.1	5.38	1270.0	6740.1	7.36
290.0	6140.0	6.66	1630.1	5320.1	5.45	1190.0	6820.1	7.37
390.0	6240.0	6.61	1690.1	5380.1	5.54	1130.0	6880.1	7.63
510.0	6360.0	6.58	1770.1	5460.1	5.71	1050.0	6960.1	7.74
610.0	6460.0	6.63	1830.1	5520.1	5.60	990.0	7020.1	7.85
730.0	6580.0	6.65	1910.1	5600.1	5.75	910.0	7100.1	8.07
830.0	6680.0	6.62	1970.1	5660.1	5.81	850.0	7160.1	8.00
950.0	6800.0	6.47	2050.1	5740.1	5.91	770.0	7240.1	8.06
1050.0	6900.0	6.30	2110.1	5800.1	6.02	710.0	7300.1	8.05
1170.1	7020.1	6.20	2190.1	5880.1	6.24	630.0	7380.1	8.02
1270.1	7120.1	6.21	2250.1	5940.1	6.47	570.0	7440.1	7.92
1390.1	7240.1	6.30	2330.1	6020.1	6.75	490.0	7520.1	7.83
1490.1	7340.1	6.35	2390.1	6080.1	7.06	430.0	7580.1	7.70
1610.1	7460.1	6.49	2470.1	6160.1	7.36	350.0	7660.1	7.63
1710.1	7560.1	6.75	2530.1	6220.1	7.68	290.0	7720.1	7.43
1830.1	7680.1	7.04	2610.1	6300.1	8.06	210.0	7800.1	7.44
1930.1	7780.1	7.82	2670.1	6360.1	8.67	150.0	7860.1	7.43
2050.1	7900.1	8.54	2750.1	6440.1	9.41	70.0	7940.1	7.49
2150.1	8000.1	9.10	2810.1	6500.1	10.11	10.0	8000.1	7.85

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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
1500.1	28.34	32.00	35.19	8.57	10.63	15.52
1755.1	36.83	44.73	37.30	7.86	10.29	12.69
2010.1	33.49	34.97	33.98	7.64	9.66	11.67
2265.1	29.05	30.44	30.24	7.63	9.06	10.14
2520.1	29.42	28.85	28.92	6.93	7.71	8.20
2775.1	36.63	33.48	32.00	6.51	7.23	7.64
3030.1	35.96	35.66	35.62	7.39	7.67	7.87
3285.1	33.85	34.53	34.78	8.73	8.79	8.57
3540.1	33.14	33.10	32.55	9.86	9.57	8.77
3795.1	35.19	34.94	34.35	10.81	10.21	9.65
4050.1	39.37	37.47	36.13	12.16	10.79	10.20
4305.1	38.25	36.80	35.65	12.87	11.83	11.09
4560.1	40.95	37.39	35.17	13.76	12.61	11.93
4815.1	41.21	41.64	38.82	14.52	13.55	12.80
5070.1	38.06	38.78	37.11	15.16	14.32	13.42
5325.1	37.06	37.87	37.24	15.98	14.77	14.21
5580.1	37.91	41.14	43.75	16.55	15.70	14.92
5835.1	33.66	35.96	38.05	16.95	16.35	15.60
6090.1	33.10	35.51	37.53	17.18	16.90	16.19
6345.1	32.56	35.35	37.95	17.61	17.20	16.98
6600.1	32.27	35.47	38.47	18.00	17.83	17.80
6880.6	31.48	34.22	36.23	18.50	18.49	18.68
7135.6	31.98	34.65	36.32	18.85	19.23	19.43
7416.1	32.41	35.05	36.72	19.62	20.18	20.80
7671.1	31.54	32.70	32.15	20.03	21.04	21.68
7951.6	32.34	33.11	32.25	21.07	22.27	23.11
8206.6	34.87	36.28	35.79	22.27	23.75	25.03
8487.1	37.36	44.03	46.20	24.10	25.75	27.40
8742.1	34.05	38.12	42.64	25.11	27.04	28.72
9022.6	30.80	33.31	35.32	26.14	27.91	29.18
9277.6	28.86	31.07	32.93	27.17	28.55	29.45
9558.1	26.38	28.52	30.22	28.07	28.86	28.98
9813.1	24.14	26.24	28.03	29.65	29.71	29.39
10093.6	22.23	24.08	25.82	32.22	30.77	30.14
10348.6	20.36	22.14	23.93	36.01	32.94	31.42
10629.1	18.65	20.25	21.77	43.68	39.61	35.12
10884.1	17.82	19.53	21.18	48.43	44.95	36.47
11164.6	18.16	20.19	22.10	30.33	33.10	32.39
11419.6	22.59	23.11	23.64	26.69	28.99	29.46
11700.1	26.23	25.31	25.14	25.88	27.47	28.19

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
1500.1	1530.1	13.71	12.30	11.41
1755.1	1785.1	13.17	12.91	12.26
2010.1	2040.1	15.09	14.83	14.95
2265.1	2295.1	19.01	17.59	17.97
2520.1	2550.1	23.17	23.15	22.33
2775.1	2805.1	21.05	21.92	23.06
3030.1	3060.1	19.22	19.42	19.75
3285.1	3315.1	20.72	20.43	20.37
3540.1	3570.1	22.13	21.83	21.61
3795.1	3825.1	23.57	23.68	23.75
4050.1	4080.1	24.38	24.61	24.68
4305.1	4335.1	25.59	25.89	26.14
4560.1	4590.1	26.91	27.37	27.67
4815.1	4845.1	28.30	28.66	29.08
5070.1	5100.1	30.01	30.47	30.87
5325.1	5355.1	30.60	30.87	31.06
5580.1	5610.1	29.98	29.89	29.85
5835.1	5865.1	32.34	32.42	32.38
6090.1	6120.1	33.94	33.95	33.98
6345.1	6375.1	34.74	34.63	34.52
6600.1	6630.1	35.02	34.82	34.70
6880.6	6910.6	34.87	34.57	34.34
7135.6	7165.6	33.70	33.38	33.14
7416.1	7446.1	32.30	32.08	31.77
7671.1	7701.1	30.62	30.52	30.32
7951.6	7981.6	28.80	28.69	28.55
8206.6	8236.6	27.62	27.57	27.44
8487.1	8517.1	27.61	27.53	27.36
8742.1	8772.1	28.36	28.30	28.14
9022.6	9052.6	29.50	29.42	29.30
9277.6	9307.6	30.43	30.27	30.07
9558.1	9588.1	30.69	30.37	30.07
9813.1	9843.1	31.00	30.40	29.93
10093.6	10123.6	31.13	29.82	29.04
10348.6	10378.6	31.82	29.10	27.76
10629.1	10659.1	35.16	31.56	28.05
10884.1	10914.1	36.84	34.84	29.90
11164.6	11194.6	36.33	36.63	35.54
11419.6	11449.6	34.16	35.90	39.27
11700.1	11730.1	30.54	31.93	34.03

Frequency Mixer

ZMX-8GLH

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=8000MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
1500.1	1530.1	7.83	6.37	5.77	1500.1	7.80	5.72	4.30	10.0	1.32	1.60	1.90
1755.1	1785.1	5.38	4.44	4.08	1755.1	4.80	3.96	4.08	90.0	1.33	1.64	1.98
2010.1	2040.1	4.29	3.40	2.98	2010.1	3.09	2.88	3.21	170.0	1.32	1.64	1.98
2265.1	2295.1	3.96	3.25	2.57	2265.1	2.25	2.30	2.76	250.0	1.31	1.62	1.94
2520.1	2550.1	2.88	2.63	2.39	2520.1	1.98	2.10	2.45	330.0	1.28	1.56	1.88
2775.1	2805.1	2.33	2.16	2.12	2775.1	1.76	1.88	2.34	410.0	1.25	1.52	1.84
3030.1	3060.1	1.91	1.80	1.76	3030.1	1.54	1.84	2.31	490.0	1.24	1.52	1.84
3285.1	3315.1	1.68	1.53	1.45	3285.1	1.38	1.83	2.36	570.0	1.24	1.53	1.86
3540.1	3570.1	1.74	1.54	1.43	3540.1	1.35	1.85	2.37	650.0	1.21	1.48	1.80
3795.1	3825.1	1.95	1.72	1.56	3795.1	1.37	1.95	2.54	730.0	1.16	1.40	1.69
4050.1	4080.1	2.08	1.83	1.67	4050.1	1.46	2.00	2.67	810.0	1.12	1.34	1.61
4305.1	4335.1	2.07	1.88	1.77	4305.1	1.55	2.06	2.67	890.0	1.09	1.29	1.55
4560.1	4590.1	1.93	1.76	1.65	4560.1	1.71	2.18	2.79	970.0	1.06	1.27	1.53
4815.1	4845.1	1.97	1.79	1.67	4815.1	1.83	2.20	2.74	1050.0	1.04	1.25	1.49
5070.1	5100.1	1.89	1.66	1.55	5070.1	2.11	2.37	2.88	1130.0	1.02	1.20	1.42
5325.1	5355.1	1.87	1.46	1.26	5325.1	2.32	2.40	2.80	1210.0	1.07	1.13	1.33
5580.1	5610.1	3.47	3.22	3.03	5580.1	2.46	2.42	2.78	1290.0	1.14	1.04	1.23
5835.1	5865.1	4.30	3.86	3.52	5835.1	2.72	2.37	2.51	1370.0	1.23	1.12	1.19
6090.1	6120.1	3.86	3.43	3.21	6090.1	2.99	2.41	2.42	1450.0	1.33	1.23	1.21
6345.1	6375.1	4.07	3.43	3.19	6345.1	3.20	2.32	2.14	1530.0	1.42	1.31	1.26
6600.1	6630.1	3.83	3.13	2.81	6600.1	3.18	2.23	1.92	1610.0	1.53	1.41	1.34
6880.6	6910.6	3.76	3.00	2.55	6880.6	3.30	2.06	1.59	1690.0	1.69	1.58	1.49
7135.6	7165.6	3.43	2.78	2.36	7135.6	2.99	1.82	1.31	1770.0	1.88	1.76	1.64
7416.1	7446.1	3.86	3.31	2.88	7416.1	2.65	1.59	1.12	1850.0	2.10	1.97	1.83
7671.1	7701.1	4.09	3.73	3.30	7671.1	2.47	1.53	1.36	1930.0	2.36	2.22	2.08
7951.6	7981.6	4.01	3.70	3.37	7951.6	2.11	1.67	1.81	2010.0	2.62	2.50	2.36
8206.6	8236.6	3.12	2.95	2.75	8206.6	2.02	1.96	2.30	2090.0	2.81	2.71	2.57
8487.1	8517.1	3.12	2.93	2.78	8487.1	2.12	2.49	3.12	2170.0	2.92	2.83	2.72
8742.1	8772.1	3.00	2.82	2.68	8742.1	2.20	2.83	3.62	2250.0	3.09	3.00	2.90
9022.6	9052.6	2.75	2.59	2.48	9022.6	2.56	3.44	4.46	2310.0	3.37	3.27	3.16
9277.6	9307.6	2.36	2.24	2.14	9277.6	3.13	4.23	5.44	2390.0	3.66	3.58	3.48
9558.1	9588.1	1.96	1.87	1.78	9558.1	3.70	4.82	6.05	2450.0	3.59	3.53	3.46
9813.1	9843.1	1.74	1.64	1.57	9813.1	4.66	5.61	6.76	2530.0	3.79	3.76	3.71
10093.6	10123.6	1.45	1.35	1.32	10093.6	6.21	6.86	7.97	2590.0	4.03	3.99	3.93
10348.6	10378.6	1.29	1.43	1.54	10348.6	8.23	8.20	9.18	2670.0	3.98	3.96	3.95
10629.1	10659.1	1.32	1.69	1.92	10629.1	10.07	8.68	9.04	2730.0	4.12	4.14	4.19
10884.1	10914.1	2.27	3.09	3.67	10884.1	11.38	9.63	10.19	2810.0	4.36	4.43	4.52
11164.6	11194.6	3.16	3.73	4.01	11164.6	9.69	10.07	10.43	2870.0	3.89	3.97	4.09
11419.6	11449.6	5.68	6.19	7.25	11419.6	9.28	9.48	9.28	2950.0	3.95	4.12	4.37
11700.1	11730.1	7.47	7.76	9.04	11700.1	9.04	8.39	8.01	3010.0	4.36	4.60	4.92

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	33	20	48	---	---	---	---	---	---
1	-	25	+0	49	29	45	54	---	---	---	---	---
2	82	63	55	51	54	>73	66	64	---	---	---	---
3	>90	72	>73	>73	67	>73	>73	>73	>73	---	---	---
4	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	---	---
5	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73	---
6	---	---	---	>73	>73	>73	>73	>73	>73	>73	>73	>73
7	---	---	---	---	>73	>73	>73	>73	>73	>73	>73	>73
8	---	---	---	---	---	>73	>73	>73	>73	>73	>73	>73
9	---	---	---	---	---	---	>73	>73	>73	>73	>73	>73
10	---	---	---	---	---	---	---	>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: 5850 MHz; -10.00 dBm.
 LO IN: 5880 MHz; +10.00 dBm
 IF OUT: 30 MHz; -17.11 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	42	30	67	---	---	---	---	---	---
1	-	25	+0	50	29	48	57	---	---	---	---	---
2	63	53	45	39	46	65	57	60	---	---	---	---
3	>90	53	54	69	44	67	66	66	72	---	---	---
4	>90	73	74	>83	69	60	68	77	74	70	---	---
5	---	---	>83	>83	82	>83	64	79	80	79	83	---
6	---	---	---	>83	>83	>83	>83	70	>83	>83	>83	81
7	---	---	---	---	>83	>83	>83	>83	79	>83	>83	>83
8	---	---	---	---	---	>83	>83	>83	>83	>83	>83	>83
9	---	---	---	---	---	---	>83	>83	>83	>83	>83	>83
10	---	---	---	---	---	---	---	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 5850 MHz; 0.00 dBm.
 LO IN: 5880 MHz; +10.00 dBm
 IF OUT: 30 MHz; -7.18 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.