

Frequency Mixer

ZX05-24MH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+10	+13	+16
7140.1	7170.1	10.64	7.05	6.47
7500.1	7530.1	7.76	6.64	6.32
7780.1	7810.1	6.80	6.25	6.07
8120.1	8150.1	7.07	6.61	6.36
8440.1	8470.1	8.83	8.02	7.41
8780.1	8810.1	9.13	8.44	7.92
9100.1	9130.1	7.88	7.15	6.75
9440.1	9470.1	7.49	6.91	6.61
9760.1	9790.1	7.25	6.70	6.40
10100.1	10130.1	7.18	6.53	6.29
10420.1	10450.1	6.87	6.32	6.07
10760.1	10790.1	6.56	6.08	5.91
11080.1	11110.1	6.54	6.00	5.86
11400.1	11430.1	6.32	5.81	5.66
11740.1	11770.1	6.51	5.95	5.70
12060.1	12090.1	6.25	5.71	5.46
12400.1	12430.1	6.29	5.53	5.26
12720.1	12750.1	6.78	5.76	5.37
13060.1	13090.1	6.07	5.41	5.17
13380.1	13410.1	6.05	5.48	5.28
13720.1	13750.1	6.31	5.74	5.52
14040.1	14070.1	6.71	6.13	5.91
14380.1	14410.1	7.01	6.60	6.54
14700.1	14730.1	7.50	7.24	7.25
15040.1	15070.1	8.25	7.78	7.76
15360.1	15390.1	8.31	7.90	7.95
15680.1	15710.1	8.50	7.85	7.80
16020.1	16050.1	8.72	8.03	8.45
16340.1	16370.1	9.04	8.30	8.36
16680.1	16710.1	8.36	7.33	7.12
17000.1	17030.1	7.39	6.92	6.98
17340.1	17370.1	6.54	6.21	6.02
17660.1	17690.1	6.66	6.38	6.33
18000.1	18030.1	7.33	7.14	7.10
18320.1	18350.1	7.97	7.72	7.68
18660.1	18690.1	8.14	7.82	7.74
18980.1	19010.1	8.05	7.77	7.77
19310.0	19340.0	8.33	8.13	7.97
19630.0	19660.0	8.44	8.17	8.04
19970.0	20000.0	8.92	8.58	8.38

RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm)		
		@LO (dBm)		
		+10	+13	+16
7140.1	7170.1	8.42	12.54	15.59
7500.1	7530.1	9.97	13.64	15.90
7780.1	7810.1	11.36	15.01	17.75
8120.1	8150.1	12.23	16.35	19.75
8440.1	8470.1	18.51	21.93	22.13
8780.1	8810.1	23.10	25.24	24.58
9100.1	9130.1	19.99	20.99	21.46
9440.1	9470.1	18.78	19.43	19.50
9760.1	9790.1	19.06	19.27	19.78
10100.1	10130.1	18.90	18.82	19.15
10420.1	10450.1	18.05	18.52	19.00
10760.1	10790.1	17.29	17.63	18.66
11080.1	11110.1	16.35	16.89	17.21
11400.1	11430.1	15.48	16.43	17.01
11740.1	11770.1	15.44	15.99	16.67
12060.1	12090.1	14.15	14.32	15.38
12400.1	12430.1	12.32	13.26	14.44
12720.1	12750.1	11.38	12.34	13.50
13060.1	13090.1	10.95	12.19	13.72
13380.1	13410.1	10.63	12.06	13.78
13720.1	13750.1	11.06	12.66	14.60
14040.1	14070.1	12.36	14.38	16.19
14380.1	14410.1	17.19	18.04	19.63
14700.1	14730.1	20.67	19.69	20.18
15040.1	15070.1	19.25	18.83	19.31
15360.1	15390.1	19.89	19.07	19.77
15680.1	15710.1	17.55	17.80	17.79
16020.1	16050.1	12.25	15.38	17.51
16340.1	16370.1	14.29	18.57	19.64
16680.1	16710.1	14.68	18.43	20.26
17000.1	17030.1	11.32	16.64	17.04
17340.1	17370.1	15.59	24.96	24.25
17660.1	17690.1	16.21	18.98	19.75
18000.1	18030.1	19.88	24.06	24.65
18320.1	18350.1	19.00	21.92	22.43
18660.1	18690.1	18.65	20.33	21.65
18980.1	19010.1	19.60	21.17	23.10
19310.0	19340.0	20.46	21.43	23.46
19630.0	19660.0	19.48	23.79	24.71
19970.0	20000.0	19.07	21.53	21.23

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+9dBm (dB)		
		@LO (dBm)		
		+10	+13	+16
7140.1	7170.1	0.61	2.22	1.19
7500.1	7530.1	3.40	2.21	1.04
7780.1	7810.1	4.00	1.95	0.88
8120.1	8150.1	3.46	1.76	1.03
8440.1	8470.1	1.84	1.36	1.02
8780.1	8810.1	0.85	0.68	0.51
9100.1	9130.1	1.12	0.91	0.78
9440.1	9470.1	1.01	0.69	0.56
9760.1	9790.1	0.96	0.70	0.62
10100.1	10130.1	0.63	0.48	0.40
10420.1	10450.1	0.89	0.66	0.57
10760.1	10790.1	0.81	0.60	0.47
11080.1	11110.1	0.96	0.62	0.45
11400.1	11430.1	1.13	0.57	0.38
11740.1	11770.1	1.03	0.76	0.59
12060.1	12090.1	1.62	0.90	0.65
12400.1	12430.1	2.08	1.14	0.83
12720.1	12750.1	1.99	1.09	0.79
13060.1	13090.1	1.71	0.92	0.64
13380.1	13410.1	1.63	0.87	0.53
13720.1	13750.1	1.34	0.81	0.62
14040.1	14070.1	1.07	0.61	0.56
14380.1	14410.1	0.56	0.31	0.31
14700.1	14730.1	0.59	0.49	0.50
15040.1	15070.1	0.57	0.48	0.51
15360.1	15390.1	0.36	0.21	0.19
15680.1	15710.1	0.67	0.57	0.59
16020.1	16050.1	0.81	0.83	0.53
16340.1	16370.1	0.58	0.26	0.13
16680.1	16710.1	1.34	0.73	0.52
17000.1	17030.1	2.82	1.62	1.09
17340.1	17370.1	1.57	0.59	0.39
17660.1	17690.1	0.92	0.40	0.23
18000.1	18030.1	0.43	0.15	0.07
18320.1	18350.1	0.53	0.29	0.20
18660.1	18690.1	0.37	0.22	0.12
18980.1	19010.1	0.29	0.15	0.01
19310.0	19340.0	0.30	0.03	-0.01
19630.0	19660.0	0.87	0.33	0.27
19970.0	20000.0	0.61	0.04	0.03

Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=13000.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=7500.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=18500.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+13			+13			+13
5780.0	7220.1	7.29	10.0	7510.1	6.83	8100.0	10400.1	10.43
5500.0	7500.1	5.97	80.0	7580.1	6.42	7900.0	10600.1	9.98
5200.0	7800.1	5.70	150.0	7650.1	6.37	7700.0	10800.1	9.27
4900.0	8100.1	5.56	230.0	7730.1	6.25	7480.0	11020.1	8.65
4600.0	8400.1	5.50	300.0	7800.1	6.14	7280.0	11220.1	8.69
4320.0	8680.1	6.14	380.0	7880.1	6.05	7080.0	11420.1	8.92
4020.0	8980.1	6.82	450.0	7950.1	5.78	6860.0	11640.1	9.07
3720.0	9280.1	7.11	530.0	8030.1	5.66	6660.0	11840.1	9.39
3420.0	9580.1	7.38	600.0	8100.1	5.44	6460.0	12040.1	9.46
3140.0	9860.1	7.29	670.0	8170.1	5.42	6240.0	12260.1	9.33
2840.0	10160.1	7.17	750.0	8250.1	5.35	6040.0	12460.1	9.13
2540.0	10460.1	6.79	820.0	8320.1	5.40	5840.0	12660.1	8.93
2240.0	10760.1	6.16	900.0	8400.1	5.45	5620.0	12880.1	8.50
1940.0	11060.1	5.83	970.0	8470.1	5.67	5420.0	13080.1	8.56
1660.0	11340.1	5.41	1050.0	8550.1	5.71	5200.0	13300.1	8.69
1360.0	11640.1	5.23	1120.0	8620.1	5.93	5000.0	13500.1	8.78
1060.0	11940.1	5.22	1190.0	8690.1	6.14	4800.0	13700.1	8.68
760.0	12240.1	5.24	1270.0	8770.1	6.45	4580.0	13920.1	8.48
480.0	12520.1	5.22	1340.0	8840.1	6.18	4380.0	14120.1	8.35
180.0	12820.1	5.17	1420.0	8920.1	6.43	4180.0	14320.1	8.43
20.0	13020.0	5.37	1490.0	8990.1	6.76	3960.0	14540.1	8.38
360.0	13360.0	5.93	1570.0	9070.1	6.87	3760.0	14740.1	8.47
720.0	13720.0	6.05	1640.0	9140.1	7.04	3560.0	14940.1	8.82
1080.0	14080.0	6.13	1720.0	9220.1	7.77	3340.0	15160.1	9.05
1440.0	14440.0	6.10	1790.0	9290.1	8.60	3140.0	15360.1	9.29
1800.0	14800.0	6.25	1860.0	9360.1	9.00	2940.0	15560.1	9.58
2160.0	15160.0	6.81	1940.0	9440.1	9.68	2720.0	15780.1	9.78
2520.0	15520.0	6.84	2010.0	9510.1	9.55	2520.0	15980.1	9.96
2880.0	15880.0	7.05	2090.0	9590.1	9.97	2300.0	16200.1	9.97
3240.0	16240.0	7.98	2160.0	9660.1	9.49	2100.0	16400.1	9.61
3580.0	16580.0	7.19	2240.0	9740.1	9.81	1900.0	16600.1	9.60
3940.0	16940.0	6.62	2310.0	9810.1	9.77	1680.0	16820.1	9.53
4300.0	17300.0	5.49	2380.0	9880.1	10.02	1480.0	17020.1	9.50
4660.0	17660.0	5.45	2460.0	9960.1	9.83	1280.0	17220.1	9.05
5020.0	18020.0	5.55	2540.0	10040.1	10.05	1060.0	17440.1	8.45
5380.0	18380.0	5.76	2620.0	10120.1	10.29	860.0	17640.1	8.22
5740.0	18740.0	6.07	2690.0	10190.1	10.40	660.0	17840.1	8.16
6100.0	19100.0	7.71	2770.0	10270.1	10.51	440.0	18060.1	7.78
6460.0	19460.0	9.00	2840.0	10340.1	10.66	240.0	18260.1	7.59
6820.0	19820.0	7.31	2920.0	10420.1	11.19	20.0	18480.1	7.52

Frequency Mixer

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+10	+13	+16	+10	+13	+16
7140.1	38.29	45.02	47.48	16.92	19.48	22.28
7524.1	44.06	51.27	56.04	17.94	21.64	24.28
7786.8	37.48	38.98	40.87	19.63	23.02	24.32
8130.4	36.28	41.24	46.56	20.96	21.93	21.78
8453.7	43.83	48.99	51.20	23.42	23.35	22.39
8797.3	39.06	42.28	43.49	27.96	25.10	22.78
9120.7	39.72	41.73	43.10	26.36	22.42	20.37
9464.2	45.12	49.78	52.72	24.86	21.46	19.65
9787.6	41.87	43.32	44.64	23.73	20.71	19.04
10130.1	45.10	46.19	45.50	21.75	19.16	17.67
10450.1	41.57	42.86	43.07	21.01	18.81	17.43
10790.1	41.00	41.93	41.95	18.09	16.42	15.33
11110.1	38.06	37.73	37.41	16.02	14.57	13.59
11430.1	44.74	52.27	54.22	27.57	26.77	26.19
11770.1	36.51	38.59	39.16	16.51	15.59	14.89
12090.1	34.98	37.01	36.94	13.38	12.98	12.58
12430.1	38.31	40.83	39.44	14.96	14.82	14.58
12750.1	39.04	44.95	44.86	18.69	18.80	18.75
13090.1	45.26	46.69	41.30	21.93	22.49	22.88
13410.1	50.87	48.48	41.55	26.55	27.50	28.34
13750.1	47.79	43.47	38.97	32.06	31.53	30.94
14070.1	40.40	39.79	36.98	31.51	28.97	27.45
14410.1	35.62	34.48	32.64	25.32	23.96	22.99
14730.1	32.78	32.29	31.22	20.87	20.70	20.49
15070.1	28.27	30.26	31.79	19.27	19.69	20.00
15390.1	29.00	33.77	39.42	22.74	23.30	23.80
15710.1	29.99	33.33	36.17	27.95	28.24	28.64
16050.1	27.34	27.08	26.16	31.18	31.40	32.09
16370.1	22.31	23.99	26.13	34.05	35.44	36.03
16710.1	23.60	25.34	25.60	34.18	33.92	33.22
17030.1	25.92	28.06	29.64	26.78	24.77	23.35
17370.1	24.85	26.07	27.01	24.08	22.54	21.26
17690.1	24.16	25.17	25.81	24.78	23.80	22.83
18030.1	24.21	25.28	26.04	25.37	25.06	24.57
18350.1	24.39	25.44	26.19	26.34	26.28	25.98
18690.1	23.91	24.92	25.66	26.58	26.42	26.07
19010.1	23.87	25.08	25.71	25.87	26.04	25.99
19340.0	24.30	25.58	26.38	25.74	26.17	26.28
19660.0	23.83	25.12	25.82	25.60	26.08	26.19
20000.0	22.97	24.13	24.77	23.73	24.13	24.19

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+10	+13	+16
7140.1	7170.1	21.08	21.80	21.66
7500.1	7530.1	20.80	20.96	20.99
7780.1	7810.1	19.37	19.39	19.30
8120.1	8150.1	18.53	19.00	19.15
8440.1	8470.1	21.28	21.64	21.69
8780.1	8810.1	22.86	23.32	23.44
9100.1	9130.1	24.47	25.07	25.27
9440.1	9470.1	26.15	26.75	26.92
9760.1	9790.1	27.77	28.20	28.27
10100.1	10130.1	29.22	29.35	29.26
10420.1	10450.1	29.49	29.48	29.26
10760.1	10790.1	28.71	28.82	28.54
11080.1	11110.1	23.81	24.07	24.22
11400.1	11430.1	23.42	23.90	24.29
11740.1	11770.1	37.87	37.58	36.71
12060.1	12090.1	21.76	22.34	22.63
12400.1	12430.1	17.80	18.58	19.06
12720.1	12750.1	17.61	18.33	18.83
13060.1	13090.1	18.78	19.60	20.18
13380.1	13410.1	19.61	20.50	21.25
13720.1	13750.1	20.47	21.55	22.33
14040.1	14070.1	21.58	22.86	23.61
14380.1	14410.1	23.00	24.25	24.80
14700.1	14730.1	24.10	25.41	26.26
15040.1	15070.1	28.46	31.12	33.02
15360.1	15390.1	40.22	51.36	51.49
15680.1	15710.1	37.83	37.63	36.92
16020.1	16050.1	32.15	32.29	31.97
16340.1	16370.1	27.84	26.79	26.69
16680.1	16710.1	24.09	23.79	23.74
17000.1	17030.1	21.09	20.94	20.86
17340.1	17370.1	19.51	19.39	19.31
17660.1	17690.1	18.13	18.16	18.22
18000.1	18030.1	18.21	18.30	18.38
18320.1	18350.1	18.88	18.99	19.10
18660.1	18690.1	20.31	20.33	20.46
18980.1	19010.1	21.41	21.56	21.57
19310.0	19340.0	23.06	23.14	23.24
19630.0	19660.0	25.24	25.41	25.19
19970.0	20000.0	27.75	27.83	28.00

Frequency Mixer

ZX05-24MH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=20000MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+10	+13	+16		+10	+13	+16		+10	+13	+16
7140.1	7170.1	5.51	3.67	3.28	7170.1	17.54	10.92	10.76	10.1	1.74	1.58	1.40
7500.1	7530.1	3.93	3.22	2.95	7530.1	8.39	7.89	8.75	140.1	1.68	1.46	1.34
7780.1	7810.1	3.15	2.67	2.43	7810.1	6.07	6.97	8.24	270.1	1.76	1.54	1.41
8120.1	8150.1	2.91	2.72	2.60	8150.1	5.08	6.30	7.66	400.1	1.82	1.59	1.48
8440.1	8470.1	5.04	4.67	4.35	8470.1	3.94	5.14	6.38	530.1	1.90	1.67	1.55
8780.1	8810.1	5.86	5.44	5.09	8810.1	3.63	4.63	5.67	650.1	2.03	1.79	1.66
9100.1	9130.1	4.76	4.35	4.05	9130.1	3.55	4.28	5.08	780.1	2.23	1.98	1.84
9440.1	9470.1	3.93	3.61	3.37	9470.1	3.20	3.60	4.16	910.1	2.33	2.07	1.93
9760.1	9790.1	3.92	3.56	3.28	9790.1	2.71	2.83	3.15	1080.1	2.61	2.34	2.18
10100.1	10130.1	4.16	3.65	3.33	10130.1	2.38	2.45	2.72	1320.1	2.84	2.55	2.38
10420.1	10450.1	3.94	3.49	3.14	10450.1	2.19	2.17	2.40	1580.1	3.19	2.85	2.66
10760.1	10790.1	3.58	3.15	2.81	10790.1	2.00	2.05	2.31	1840.1	3.38	3.01	2.80
11080.1	11110.1	3.24	2.81	2.53	11110.1	2.00	2.08	2.37	2100.1	3.77	3.32	3.06
11400.1	11430.1	2.69	2.32	2.08	11430.1	2.27	2.38	2.75	2360.1	3.79	3.27	2.99
11740.1	11770.1	3.27	2.86	2.56	11770.1	2.64	2.72	3.04	2600.1	3.68	3.13	2.85
12060.1	12090.1	2.71	2.32	2.06	12090.1	3.11	3.00	3.19	2860.1	3.37	2.82	2.57
12400.1	12430.1	2.28	1.90	1.67	12430.1	3.93	3.46	3.50	3120.1	3.04	2.51	2.28
12720.1	12750.1	2.03	1.63	1.45	12750.1	5.00	3.90	3.75	3380.1	2.64	2.18	2.00
13060.1	13090.1	1.47	1.18	1.02	13090.1	4.98	3.93	3.72	3620.1	2.52	2.11	1.96
13380.1	13410.1	1.25	1.13	1.22	13410.1	5.31	3.76	3.36	3880.1	2.48	2.16	2.06
13720.1	13750.1	1.48	1.61	1.77	13750.1	4.69	3.17	2.74	4140.1	2.50	2.22	2.12
14040.1	14070.1	2.06	2.21	2.33	14070.1	3.96	2.54	2.12	4400.1	2.43	2.17	2.10
14380.1	14410.1	2.49	2.59	2.63	14410.1	2.93	1.97	1.69	4640.1	2.49	2.27	2.20
14700.1	14730.1	2.98	3.05	3.09	14730.1	2.21	1.59	1.42	4900.1	2.65	2.48	2.44
15040.1	15070.1	3.50	3.54	3.59	15070.1	1.82	1.40	1.40	5160.1	3.35	3.16	3.09
15360.1	15390.1	4.03	3.92	3.88	15390.1	1.81	1.60	1.70	5420.1	4.11	3.84	3.70
15680.1	15710.1	4.76	4.27	4.00	15710.1	2.39	1.94	1.94	5680.1	5.29	4.84	4.60
16020.1	16050.1	4.21	3.20	2.97	16050.1	2.56	1.97	1.92	5920.1	6.05	5.43	5.06
16340.1	16370.1	2.72	2.56	2.52	16370.1	2.30	2.06	1.97	6180.1	6.15	5.46	5.06
16680.1	16710.1	2.04	1.95	1.86	16710.1	2.89	2.27	1.81	6440.1	4.72	4.22	3.94
17000.1	17030.1	1.97	1.93	1.89	17030.1	3.84	3.37	2.94	6700.1	4.06	3.60	3.37
17340.1	17370.1	2.25	2.10	2.01	17370.1	3.12	2.54	2.27	6940.1	3.62	3.22	3.05
17660.1	17690.1	2.30	2.22	2.15	17690.1	2.28	1.69	1.42	7200.1	3.21	2.93	2.86
18000.1	18030.1	2.18	2.16	2.14	18030.1	1.78	1.28	1.07	7500.1	2.98	2.89	2.91
18320.1	18350.1	2.57	2.56	2.55	18350.1	1.26	1.22	1.53	7720.1	3.18	3.29	3.40
18660.1	18690.1	3.82	3.79	3.74	18690.1	1.30	1.81	2.33	7960.1	3.74	4.13	4.34
18980.1	19010.1	4.93	4.82	4.76	19010.1	1.96	2.48	2.82	8220.1	4.42	4.92	5.18
19310.0	19340.0	4.60	4.47	4.35	19340.0	2.47	2.78	3.09	8480.1	4.74	5.39	5.72
19630.0	19660.0	4.41	4.27	4.18	19660.0	3.10	3.12	3.29	8740.1	5.27	5.99	6.37
19970.0	20000.0	4.10	3.92	3.83	20000.0	3.62	3.39	3.48	9000.1	5.64	6.35	6.74

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	1.03	---	---	---	---	---	---	---	---	---
1	---	18.45	---	32.05	---	---	---	---	---	---	---	---
2	123.83	---	71.27	69.62	72.17	---	---	---	---	---	---	---
3	123.73	---	---	86.03	66.95	85.29	---	---	---	---	---	---
4	122.42	---	---	---	101.95	103.85	100.40	---	---	---	---	---
5	123.77	---	---	---	---	99.41	94.93	99.67	---	---	---	---
6	123	---	---	---	---	---	100.03	91.61	98.89	---	---	---
7	124.17	---	---	---	---	---	---	101.44	102.44	95.20	---	---
8	123.78	---	---	---	---	---	---	---	99.49	97.57	99.47	---
9	123.56	---	---	---	---	---	---	---	---	99.81	98.71	99.35
10	123.04	---	---	---	---	---	---	---	---	---	101.27	102.36
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 13735.00 MHz; -15.00 dBm.
 LO IN: 13765.00 MHz; +13.00 dBm
 IF OUT: 30 MHz; -20.80 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	11.88	---	---	---	---	---	---	---	---	---
1	---	19.60	---	33.47	---	---	---	---	---	---	---	---
2	116.13	---	63.82	56.14	63.85	---	---	---	---	---	---	---
3	117.21	---	---	67.44	46.80	67.22	---	---	---	---	---	---
4	116.2	---	---	---	90.74	80.23	95.96	---	---	---	---	---
5	117.88	---	---	---	---	98.74	77.89	96.74	---	---	---	---
6	116.92	---	---	---	---	---	111.71	92.70	106.67	---	---	---
7	116.47	---	---	---	---	---	---	109.93	99.99	109.40	---	---
8	116.29	---	---	---	---	---	---	---	110.60	98.20	108.36	---
9	115.69	---	---	---	---	---	---	---	---	111.33	101.82	109.59
10	117.56	---	---	---	---	---	---	---	---	---	109.86	114.13
		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 13735.00 MHz; -5.00 dBm.
 LO IN: 13765.00 MHz; +13.00 dBm
 IF OUT: 30 MHz; -10.83 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 represents the Harmonics level of the RF Input Signal to the mixer