

Frequency Mixer

ZMDB-44H-K+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP-3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+10dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		+13	+15	+17			+13	+15	+17			+13	+15	+17
9000.1	9030.1	19.07	18.30	17.78	9000.1	9030.1	27.62	30.99	32.01	9000.1	9030.1	-0.26	-0.06	0.00
10000.1	10030.1	13.08	12.80	12.67	10000.1	10030.1	25.00	24.74	24.46	10000.1	10030.1	0.10	-0.01	-0.03
11000.1	11030.1	9.30	9.28	9.31	11000.1	11030.1	16.13	16.37	16.91	11000.1	11030.1	-1.23	-0.97	-0.77
12000.1	12030.1	8.10	8.06	8.07	12000.1	12030.1	13.31	13.69	14.64	12000.1	12030.1	-0.63	-0.45	-0.37
13000.1	13030.1	8.37	8.34	8.29	13000.1	13030.1	18.81	19.12	19.15	13000.1	13030.1	-0.64	-0.44	-0.37
14000.1	14030.1	6.97	6.85	6.85	14000.1	14030.1	19.49	20.39	21.58	14000.1	14030.1	-0.81	-0.54	-0.48
15000.1	15030.1	8.49	8.33	8.40	15000.1	15030.1	19.45	19.77	20.66	15000.1	15030.1	-0.32	-0.26	-0.29
16000.1	16030.1	7.86	7.62	7.58	16000.1	16030.1	20.29	20.29	20.11	16000.1	16030.1	-0.64	-0.50	-0.47
17000.1	17030.1	7.98	7.75	7.71	17000.1	17030.1	20.01	20.01	20.01	17000.1	17030.1	-0.60	-0.55	-0.57
18000.1	18030.1	8.71	8.38	8.39	18000.1	18030.1	20.90	20.90	20.88	18000.1	18030.1	-0.30	-0.41	-0.36
19000.1	19030.1	6.58	6.54	6.69	19000.1	19030.1	19.15	19.15	19.15	19000.1	19030.1	-0.94	-0.89	-0.79
19970.1	20000.1	8.99	7.66	7.46	19970.1	20000.1	19.87	18.99	19.61	19970.1	20000.1	0.04	-0.64	-0.72
20000.1	20030.1	9.80	8.31	7.96	20000.1	20030.1	19.81	19.01	19.70	20000.1	20030.1	0.44	-0.34	-0.51
20500.1	20530.1	7.53	7.38	7.44	20500.1	20530.1	19.48	20.13	20.42	20500.1	20530.1	-0.55	-0.58	-0.63
21000.1	21030.1	7.79	7.73	7.83	21000.1	21030.1	18.58	19.76	20.37	21000.1	21030.1	-0.40	-0.43	-0.43
22000.1	22030.1	8.10	7.63	7.55	21500.1	21530.1	20.08	18.56	19.86	22000.1	22030.1	-0.25	-0.24	-0.27
22500.1	22530.1	8.07	7.94	7.99	22000.1	22030.1	21.97	21.92	21.71	22500.1	22530.1	-0.36	-0.35	-0.34
23000.1	23030.1	9.18	8.75	8.62	22500.1	22530.1	22.27	22.47	22.35	23000.1	23030.1	-0.16	-0.19	-0.22
23500.1	23530.1	9.28	8.59	8.39	23000.1	23030.1	22.49	22.89	22.86	23500.1	23530.1	-0.19	-0.17	-0.23
24000.1	24030.1	9.08	8.93	9.00	23500.1	23530.1	21.51	22.59	23.37	24000.1	24030.1	-0.37	-0.46	-0.53
24500.1	24530.1	10.48	10.44	10.45	24000.1	24030.1	21.98	22.89	22.84	24500.1	24530.1	-0.05	-0.04	-0.07
25000.1	25030.1	10.56	10.22	10.07	24500.1	24530.1	22.46	23.03	22.82	25000.1	25030.1	0.16	0.05	-0.05
25500.1	25530.1	9.18	8.71	8.66	25000.1	25030.1	20.99	21.92	22.32	25500.1	25530.1	-0.38	-0.17	-0.29
26000.1	26030.1	9.03	8.95	9.15	25500.1	25530.1	21.77	21.59	22.10	26000.1	26030.1	-0.34	-0.26	-0.15
26500.1	26530.1	10.10	10.03	10.00	26000.1	26030.1	21.90	22.21	22.96	26500.1	26530.1	-0.04	-0.03	-0.12
27000.1	27030.1	8.92	8.78	8.80	26500.1	26530.1	21.91	22.29	22.28	27000.1	27030.1	-0.25	-0.16	-0.31
28000.1	28030.1	9.70	9.68	9.82	27000.1	27030.1	21.40	21.64	21.64	28000.1	28030.1	-0.28	-0.30	-0.38
29000.1	29030.1	8.69	8.52	8.67	28000.1	28030.1	20.42	20.41	20.26	29000.1	29030.1	-0.47	-0.58	-0.69
30000.1	30030.1	11.00	10.80	10.81	29000.1	29030.1	19.85	19.85	19.60	30000.1	30030.1	-0.03	-0.05	-0.14
31000.1	31030.1	7.87	7.92	8.39	30000.1	30030.1	18.77	18.77	18.77	31000.1	31030.1	-0.75	-0.89	-0.82
32000.1	32030.1	9.76	9.70	9.90	31000.1	31030.1	18.36	18.02	18.04	32000.1	32030.1	-0.21	-0.36	-0.51
33000.1	33030.1	9.22	9.13	9.26	32000.1	32030.1	18.45	17.83	18.34	33000.1	33030.1	-0.36	-0.43	-0.40
34000.1	34030.1	9.46	9.38	9.54	33000.1	33030.1	17.69	17.21	19.55	34000.1	34030.1	-0.30	-0.34	-0.24
35000.1	35030.1	9.08	8.86	8.96	34000.1	34030.1	16.52	17.52	22.33	35000.1	35030.1	-0.48	-0.38	-0.36
36000.1	36030.1	10.82	9.91	9.59	35000.1	35030.1	16.31	18.31	23.20	36000.1	36030.1	-0.90	-0.39	-0.30
37000.1	37030.1	9.25	9.18	9.45	36000.1	36030.1	15.09	16.78	19.50	37000.1	37030.1	-0.32	-0.32	-0.34
38000.1	38030.1	14.37	11.25	10.49	37000.1	37030.1	20.48	22.10	23.20	38000.1	38030.1	1.18	-0.32	-0.18
39000.1	39030.1	10.35	9.97	10.05	38000.1	38030.1	16.61	19.32	20.17	39000.1	39030.1	-0.75	-0.45	-0.41
40000.1	40030.1	11.42	11.12	11.40	39000.1	39030.1	18.59	19.37	19.04	40000.1	40030.1	-0.81	-0.55	-0.47
41000.1	41030.1	13.22	11.91	11.68	39500.1	39530.1	19.99	20.08	21.25	41000.1	41030.1	-0.6	-0.5	-0.3

Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=25000.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=10000.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=40000.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+15			+15			+15
15000.0	10000.1	16.41	10.0	10010.1	13.65	12000.0	28000.1	13.80
14000.0	11000.1	15.03	30.0	10030.1	13.50	11500.0	28500.1	13.25
13000.0	12000.1	13.83	50.0	10050.1	13.55	11000.0	29000.1	12.90
12000.0	13000.1	11.90	70.0	10070.1	13.67	10500.0	29500.1	13.36
11000.0	14000.1	11.23	90.0	10090.1	13.65	10000.0	30000.1	12.17
10000.0	15000.1	10.10	200.0	10200.1	13.59	9500.0	30500.1	12.72
9000.0	16000.1	11.18	500.0	10500.1	13.72	9000.0	31000.1	12.70
8000.0	17000.1	11.92	800.0	10800.1	14.65	8500.0	31500.1	12.51
7000.0	18000.1	14.03	1100.0	11100.1	14.83	8000.0	32000.1	12.60
6000.0	19000.1	12.73	1400.0	11400.1	14.65	7500.0	32500.1	11.17
5000.0	20000.1	11.58	1700.0	11700.1	14.58	7000.0	33000.1	11.71
4000.0	21000.1	11.23	2000.0	12000.1	14.35	6500.0	33500.1	11.26
3000.0	22000.1	11.36	2300.0	12300.1	14.18	6000.0	34000.1	11.00
2000.0	23000.1	10.93	2600.0	12600.1	14.37	5500.0	34500.1	11.33
1000.0	24000.1	10.28	2900.0	12900.1	14.12	5000.0	35000.1	11.45
700.0	24300.1	10.26	3200.0	13200.1	14.06	4500.0	35500.1	11.02
300.0	24700.1	10.17	3500.0	13500.1	14.11	4000.0	36000.1	10.96
110.0	24890.1	10.19	4000.0	14000.1	13.97	3500.0	36500.1	10.58
70.0	24930.1	10.15	4500.0	14500.1	13.92	3000.0	37000.1	11.11
30.0	24970.1	10.32	5000.0	15000.1	14.36	2500.0	37500.1	11.63
10.0	25010.1	11.50	5500.0	15500.1	14.86	2000.0	38000.1	10.42
50.0	25050.1	11.19	6000.0	16000.1	15.00	1900.0	38100.1	10.60
90.0	25090.1	11.42	6500.0	16500.1	15.28	1700.0	38300.1	10.28
400.0	25400.1	11.09	7000.0	17000.1	15.43	1500.0	38500.1	10.56
800.0	25800.1	11.10	7500.0	17500.1	15.16	1300.0	38700.1	10.45
1200.0	26200.1	11.12	8000.0	18000.1	14.58	1100.0	38900.1	10.65
1600.0	26600.1	11.35	8500.0	18500.1	14.11	900.0	39100.1	10.38
2000.0	27000.1	11.37	9000.0	19000.1	14.42	700.0	39300.1	10.38
2400.0	27400.1	11.42	9500.0	19500.1	14.29	500.0	39500.1	10.45
2800.0	27800.1	11.39	10000.0	20000.1	14.28	300.0	39700.1	10.29
3200.0	28200.1	11.45	10500.0	20500.1	14.37	100.0	39900.1	10.35
3600.0	28600.1	11.59	11000.0	21000.1	14.42	90.0	39910.1	10.41
4500.0	29500.1	11.61	11500.0	21500.1	14.60	80.0	39920.1	10.38
5500.0	30500.1	11.84	12000.0	22000.1	14.38	70.0	39930.1	10.30
6500.0	31500.1	12.31	12500.0	22500.1	15.29	60.0	39940.1	10.26
7500.0	32500.1	13.07	13000.0	23000.1	14.46	50.0	39950.1	10.28
8500.0	33500.1	13.01	13500.0	23500.1	15.16	40.0	39960.1	10.33
9500.0	34500.1	12.52	14000.0	24000.1	16.20	30.0	39970.1	10.38
10500.0	35500.1	12.98	14500.0	24500.1	16.92	20.0	39980.1	10.39
11500.0	36500.1	13.37	15000.0	25000.1	17.39	10.0	39990.1	10.42

Frequency Mixer

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)			RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)					@LO (dBm)		
	+13	+15	+17	+13	+15	+17			+13	+15	+17
9030.1	42.56	43.13	44.48	24.88	25.11	25.57	9000.1	9030.1	30.31	30.90	31.50
10030.1	38.80	38.76	39.07	28.15	28.66	29.02	10000.1	10030.1	26.32	26.90	27.29
11030.1	36.41	37.40	39.27	30.58	31.06	31.76	11000.1	11030.1	23.66	23.51	23.14
12030.1	34.97	35.04	34.96	32.41	31.15	30.37	12000.1	12030.1	23.41	23.94	24.33
13030.1	37.42	37.25	37.37	38.11	37.20	36.33	13000.1	13030.1	24.18	24.79	24.76
14030.1	39.21	38.17	37.77	33.09	35.51	36.21	14000.1	14030.1	23.08	23.54	23.47
15030.1	37.45	37.68	37.66	30.87	34.36	36.26	15000.1	15030.1	24.19	25.01	25.62
16030.1	36.17	36.38	36.61	29.10	32.74	35.31	16000.1	16030.1	22.92	23.08	22.85
17030.1	36.04	37.56	38.46	29.34	32.67	35.45	17000.1	17030.1	23.53	23.93	24.13
18030.1	37.83	37.66	38.02	31.89	34.95	37.40	18000.1	18030.1	23.66	23.41	23.20
19030.1	38.62	42.52	43.39	33.06	35.98	38.81	19000.1	19030.1	22.11	21.60	21.28
20000.1	51.13	48.84	45.00	36.18	39.13	42.16	19970.1	20000.1	21.61	21.13	20.46
20030.1	51.37	48.59	44.84	36.21	39.12	41.64	20000.1	20030.1	22.29	21.77	21.00
20530.1	67.65	49.03	44.36	37.42	39.88	41.95	20500.1	20530.1	20.50	20.28	19.79
21030.1	49.34	46.17	41.59	37.92	40.05	41.97	21000.1	21030.1	20.64	20.15	19.84
22030.1	44.77	44.74	41.11	39.26	40.34	41.03	22000.1	22030.1	18.85	18.63	18.49
22530.1	43.97	54.88	45.37	40.01	40.63	40.77	22500.1	22530.1	18.24	18.17	18.10
23030.1	44.04	59.98	46.46	41.96	41.32	40.29	23000.1	23030.1	18.00	17.86	17.81
23530.1	59.73	43.41	37.69	39.99	38.87	37.82	23500.1	23530.1	16.66	16.60	16.71
24030.1	42.23	37.56	35.04	37.17	36.96	36.53	24000.1	24030.1	17.35	17.34	17.17
24530.1	42.46	36.75	33.98	36.30	36.47	36.46	24500.1	24530.1	18.23	18.12	18.44
25030.1	45.29	40.54	35.40	34.96	36.69	37.47	25000.1	25030.1	17.70	17.59	17.84
25530.1	39.55	37.03	33.70	33.88	36.28	37.83	25500.1	25530.1	15.66	15.69	15.91
26030.1	35.31	34.27	32.81	32.81	35.82	38.63	26000.1	26030.1	14.89	14.93	15.38
26530.1	36.91	36.40	34.30	32.19	36.05	40.34	26500.1	26530.1	15.35	15.48	15.58
27030.1	35.83	35.29	33.34	31.51	35.33	40.07	27000.1	27030.1	13.34	13.56	13.79
28030.1	32.60	32.66	32.25	32.27	34.02	34.92	28000.1	28030.1	14.57	14.73	14.90
29030.1	31.47	32.06	31.98	31.63	31.55	30.86	29000.1	29030.1	14.35	14.63	15.14
30030.1	28.19	29.05	29.75	30.01	28.62	27.13	30000.1	30030.1	17.23	17.41	17.91
31030.1	25.66	27.03	28.20	28.07	27.58	27.09	31000.1	31030.1	17.11	17.35	17.73
32030.1	26.28	27.19	27.92	29.29	27.69	26.76	32000.1	32030.1	23.63	24.07	24.83
33030.1	23.33	24.48	25.43	31.05	29.51	28.07	33000.1	33030.1	27.57	27.71	27.77
34030.1	26.70	27.36	28.06	32.59	30.48	29.25	34000.1	34030.1	29.33	29.58	29.74
35030.1	27.59	28.78	30.13	29.87	29.67	28.78	35000.1	35030.1	34.91	36.65	38.02
36030.1	25.51	26.83	28.02	25.80	25.18	24.87	36000.1	36030.1	41.21	45.69	44.90
37030.1	26.87	27.50	28.00	31.05	30.39	29.45	37000.1	37030.1	37.03	37.55	37.01
38030.1	26.91	28.33	30.08	29.45	29.33	28.81	38000.1	38030.1	37.79	36.24	33.97
39030.1	29.11	31.19	34.57	27.28	26.88	26.29	39000.1	39030.1	30.95	29.61	27.47
40030.1	34.91	37.08	39.58	29.25	30.37	30.80	40000.1	40030.1	29.13	28.94	28.16
41030.1	45.79	43.60	38.76	32.5	32.8	33.4	41000.1	41030.1	28.0	28.4	28.5

Frequency Mixer

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Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=40000.1MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+13	+15	+17		+13	+15	+17		+13	+15	+17
9000.1	9030.1	9.70	9.80	9.21	9030.1	9.02	8.34	8.28	10	1.61	1.40	1.61
10000.1	10030.1	30.65	31.77	32.06	10030.1	4.11	4.65	4.98	50	1.45	1.08	1.42
11000.1	11030.1	3.14	3.13	3.12	11030.1	2.04	2.25	2.48	100	1.37	1.06	1.39
12000.1	12030.1	2.71	2.87	2.99	12030.1	2.97	3.83	4.63	150	1.40	1.06	1.42
13000.1	13030.1	1.91	1.95	1.96	13030.1	1.57	1.83	2.11	250	1.40	1.06	1.43
14000.1	14030.1	3.09	3.10	3.07	14030.1	2.70	2.86	3.12	350	1.39	1.07	1.43
15000.1	15030.1	3.45	3.33	3.22	15030.1	2.39	2.49	2.62	450	1.37	1.07	1.42
16000.1	16030.1	2.64	2.52	2.40	16030.1	2.89	2.60	2.48	550	1.36	1.08	1.43
17000.1	17030.1	2.54	2.43	2.29	17030.1	2.67	2.45	2.37	650	1.36	1.10	1.44
18000.1	18030.1	2.30	2.18	2.10	18030.1	2.92	2.56	2.35	750	1.36	1.12	1.47
19000.1	19030.1	1.59	1.52	1.46	19030.1	3.03	2.58	2.23	850	1.35	1.14	1.49
19970.1	20000.1	1.69	1.53	1.45	20000.1	3.62	2.52	2.14	950	1.34	1.16	1.52
20000.1	20030.1	1.74	1.57	1.49	20030.1	3.22	2.34	2.03	1000	1.37	1.19	1.57
20500.1	20530.1	1.90	1.81	1.73	20530.1	3.65	2.62	2.27	1200	1.37	1.27	1.63
21000.1	21030.1	1.49	1.41	1.34	21030.1	3.70	3.01	2.59	1400	1.40	1.32	1.63
22000.1	22030.1	1.89	1.89	1.89	21530.1	4.45	3.81	3.25	1600	1.49	1.39	1.64
22500.1	22530.1	2.40	2.33	2.27	22030.1	4.70	3.58	2.74	1800	1.66	1.51	1.73
23000.1	23030.1	2.17	2.08	2.01	22530.1	2.91	2.16	1.78	2000	1.72	1.52	1.69
23500.1	23530.1	1.73	1.65	1.60	23030.1	3.14	2.25	1.79	2200	1.75	1.52	1.65
24000.1	24030.1	1.74	1.70	1.68	23530.1	3.62	2.92	2.23	2400	1.71	1.48	1.63
24500.1	24530.1	2.25	2.19	2.15	24030.1	2.46	2.18	1.85	2600	1.59	1.43	1.62
25000.1	25030.1	3.87	3.61	3.41	24530.1	2.16	1.79	1.44	2800	1.56	1.49	1.72
25500.1	25530.1	3.03	2.76	2.60	25030.1	2.98	2.32	1.64	3000	1.66	1.65	1.90
26000.1	26030.1	1.86	1.83	1.78	25530.1	3.09	2.54	1.96	3200	1.97	1.95	2.26
26500.1	26530.1	1.94	1.89	1.86	26030.1	2.55	2.28	1.91	3400	2.32	2.22	2.53
27000.1	27030.1	3.43	3.29	3.17	26530.1	2.35	1.97	1.58	3600	2.50	2.29	2.49
28000.1	28030.1	2.22	2.14	2.06	27030.1	1.57	1.19	1.15	3800	2.47	2.17	2.26
29000.1	29030.1	3.43	3.22	3.03	28030.1	3.21	2.49	2.06	4000	2.38	2.03	2.07
30000.1	30030.1	2.77	2.64	2.49	29030.1	1.52	1.30	1.19	5000	3.08	2.64	2.59
31000.1	31030.1	2.47	2.30	2.13	30030.1	1.31	1.14	1.15	6000	3.34	2.80	2.58
32000.1	32030.1	2.92	2.77	2.63	31030.1	1.58	1.38	1.24	7050	5.12	3.69	2.89
33000.1	33030.1	1.23	1.28	1.37	32030.1	1.58	1.76	1.97	8050	3.01	2.46	2.02
34000.1	34030.1	2.30	2.01	1.79	33030.1	2.86	2.61	2.25	9050	5.31	3.86	2.85
35000.1	35030.1	2.23	2.31	2.44	34030.1	1.29	1.19	1.36	10050	2.29	1.73	1.45
36000.1	36030.1	1.82	1.58	1.41	35030.1	13.58	9.14	5.81	11050	8.47	6.26	5.27
37000.1	37030.1	1.87	1.83	1.78	36030.1	1.74	1.54	1.35	12000	3.96	3.81	4.04
38000.1	38030.1	3.05	2.70	2.48	37030.1	8.32	5.30	3.73	13000	4.84	5.10	5.39
39000.1	39030.1	1.50	1.39	1.28	38030.1	3.52	2.91	2.39	14000	4.30	4.89	6.12
40000.1	40030.1	1.71	1.54	1.37	39030.1	2.68	2.32	2.03	15000	7.40	9.80	10.87
41000.1	41030.1	1.99	2.15	2.38	40030.1	5.56	4.12	3.62	16000	4.56	5.24	5.79



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Harmonics Tables

RF HARMONICS ORDER

RF CAL Notes: 1. All Harmonics are relative to IF OUTPUT (dBm)
2. + entry denotes harmonics above IF OUTPUT (dBm)

	(-dBm)	(-dBc)											
0	---	-	(-dBc)	---	---	---	---	---	---	---	---	---	---
1	---	7.39	-	32.80	---	---	---	---	---	---	---	---	---
2	72.64	56.26	64.72	46.82	61.82	---	---	---	---	---	---	---	---
3	---	---	66.60	78.24	60.63	86.38	---	---	---	---	---	---	---
4	---	---	---	71.66	83.77	94.62	86.24	---	---	---	---	---	---
5	---	---	---	---	69.87	83.54	97.41	86.06	---	---	---	---	---
6	---	---	---	---	---	72.41	85.73	99.48	87.34	---	---	---	---
7	---	---	---	---	---	---	72.93	87.31	100.36	88.59	---	---	---
8	---	---	---	---	---	---	---	72.25	85.79	97.16	87.15	---	---
9	---	---	---	---	---	---	---	---	69.34	84.65	102.43	88.30	---
10	---	---	---	---	---	---	---	---	---	71.24	85.70	100.17	---
		0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 25000 MHz; 0.00 dBm.
LO IN: 25030 MHz; +15.00 dBm
IF OUT: 30.00 MHz; -11.60 dBm

RF HARMONICS ORDER

RF CAL Notes: 1. All Harmonics are relative to IF OUTPUT (dBm)
2. + entry denotes harmonics above IF OUTPUT (dBm)

	(-dBm)	(-dBc)											
0	---	-	19.09	---	---	---	---	---	---	---	---	---	---
1	---	6.83	-	32.03	---	---	---	---	---	---	---	---	---
2	63.05	46.23	52.68	36.70	51.52	---	---	---	---	---	---	---	---
3	---	---	45.21	57.90	40.42	64.21	---	---	---	---	---	---	---
4	---	---	---	70.32	85.31	67.96	69.04	---	---	---	---	---	---
5	---	---	---	---	70.65	85.46	62.06	85.51	---	---	---	---	---
6	---	---	---	---	---	70.64	87.70	83.19	86.24	---	---	---	---
7	---	---	---	---	---	---	71.39	86.95	78.90	87.96	---	---	---
8	---	---	---	---	---	---	---	71.72	83.74	90.74	86.75	---	---
9	---	---	---	---	---	---	---	---	71.87	87.89	90.09	87.76	---
10	---	---	---	---	---	---	---	---	---	72.22	86.41	99.99	---
		0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 25000 MHz; 10.0 dBm.
LO IN: 25030 MHz; +15.00 dBm
IF OUT: 30.00 MHz; -1.64 dBm

