

Frequency Mixer

ADEX-ED12873/5

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+7	+10	+13
10.10	40.10	7.05	6.40	6.29
70.10	100.10	7.59	7.05	6.78
130.10	160.10	7.70	7.08	6.82
190.10	220.10	7.44	6.89	6.72
250.10	280.10	7.50	7.03	6.86
310.10	340.10	7.35	6.97	6.81
370.10	400.10	7.33	7.00	6.82
430.10	460.10	7.31	6.96	6.78
490.10	520.10	7.36	7.00	6.78
550.10	580.10	7.52	7.16	6.93
610.10	640.10	7.51	7.09	6.82
670.10	700.10	7.33	6.94	6.75
730.10	760.10	7.59	7.16	6.94
790.10	820.10	7.73	7.30	7.03
850.10	880.10	8.06	7.52	7.16
910.10	940.10	8.43	7.81	7.34
970.10	1000.10	8.56	7.81	7.27
1030.10	1060.10	8.41	7.66	7.22
1090.10	1120.10	8.12	7.44	7.07
1150.10	1180.10	7.86	7.17	6.80
1210.10	1240.10	8.01	7.18	6.74
1270.10	1300.10	8.02	7.15	6.64
1330.10	1360.10	8.00	7.25	6.75
1390.10	1420.10	7.83	7.13	6.70
1450.10	1480.10	7.61	6.99	6.68
1510.10	1540.10	7.51	7.07	6.84
1550.10	1580.10	7.49	7.10	6.90
1610.10	1640.10	7.71	7.33	7.14
1650.10	1680.10	7.87	7.48	7.28
1710.10	1740.10	8.45	8.08	7.83
1750.10	1780.10	8.75	8.39	8.15
1810.10	1840.10	9.29	9.00	8.77
1850.10	1880.10	9.48	9.25	9.04
1910.10	1940.10	9.84	9.68	9.49
1950.10	1980.10	10.00	9.88	9.74
2010.10	2040.10	10.35	10.22	10.12
2050.10	2080.10	10.57	10.43	10.34
2110.10	2140.10	10.92	10.72	10.62
2150.10	2180.10	11.22	10.93	10.81
2210.10	2240.10	11.54	11.22	11.08

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+7	+10	+13
10.10	40.10	15.66	18.96	22.18
70.10	100.10	16.41	20.01	22.54
130.10	160.10	16.02	19.82	23.03
190.10	220.10	16.92	21.18	21.76
250.10	280.10	17.32	20.71	19.70
310.10	340.10	18.38	18.79	18.23
370.10	400.10	18.30	17.98	18.09
430.10	460.10	17.38	17.01	17.97
490.10	520.10	13.47	14.09	17.35
550.10	580.10	13.61	14.04	16.67
610.10	640.10	16.47	19.72	23.73
670.10	700.10	19.71	22.78	25.53
730.10	760.10	15.03	16.96	21.33
790.10	820.10	12.27	13.44	16.48
850.10	880.10	10.07	11.95	15.58
910.10	940.10	9.28	11.78	15.54
970.10	1000.10	9.43	12.75	18.11
1030.10	1060.10	10.82	15.34	19.66
1090.10	1120.10	13.04	17.37	18.51
1150.10	1180.10	14.05	17.11	16.41
1210.10	1240.10	12.03	14.71	14.46
1270.10	1300.10	10.17	12.22	13.04
1330.10	1360.10	7.89	9.32	10.57
1390.10	1420.10	6.74	8.01	9.26
1450.10	1480.10	6.95	8.20	9.18
1510.10	1540.10	8.05	9.17	9.99
1550.10	1580.10	8.80	9.89	10.67
1610.10	1640.10	9.94	11.12	12.07
1650.10	1680.10	10.36	11.60	12.81
1710.10	1740.10	11.20	12.76	14.27
1750.10	1780.10	11.69	13.61	15.33
1810.10	1840.10	12.26	13.65	15.41
1850.10	1880.10	12.94	13.98	14.96
1910.10	1940.10	14.35	15.33	15.73
1950.10	1980.10	14.92	15.66	16.03
2010.10	2040.10	16.30	16.60	16.93
2050.10	2080.10	17.24	17.25	17.43
2110.10	2140.10	17.97	17.81	18.85
2150.10	2180.10	18.10	17.10	19.12
2210.10	2240.10	19.97	16.68	20.03

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=5dBm (dB)		
		@LO (dBm)		
		+7	+10	+13
10.10	40.10	-0.79	-0.53	-0.29
70.10	100.10	-0.43	-0.22	-0.13
130.10	160.10	-0.24	-0.19	-0.09
190.10	220.10	-0.44	-0.28	-0.14
250.10	280.10	-0.38	-0.22	-0.10
310.10	340.10	-0.41	-0.21	-0.11
370.10	400.10	-0.45	-0.24	-0.16
430.10	460.10	-0.41	-0.23	-0.16
490.10	520.10	-0.37	-0.26	-0.22
550.10	580.10	-0.26	-0.15	-0.15
610.10	640.10	-0.28	-0.19	-0.18
670.10	700.10	-0.51	-0.37	-0.30
730.10	760.10	-0.53	-0.36	-0.26
790.10	820.10	-0.62	-0.44	-0.34
850.10	880.10	-0.61	-0.49	-0.42
910.10	940.10	-0.52	-0.52	-0.53
970.10	1000.10	-0.53	-0.63	-0.71
1030.10	1060.10	-0.81	-0.87	-0.84
1090.10	1120.10	-1.16	-1.10	-0.98
1150.10	1180.10	-1.50	-1.42	-1.25
1210.10	1240.10	-1.51	-1.54	-1.35
1270.10	1300.10	-1.65	-1.62	-1.49
1330.10	1360.10	-1.67	-1.54	-1.38
1390.10	1420.10	-1.88	-1.68	-1.42
1450.10	1480.10	-2.01	-1.70	-1.39
1510.10	1540.10	-2.06	-1.67	-1.33
1550.10	1580.10	-2.11	-1.73	-1.38
1610.10	1640.10	-2.01	-1.68	-1.40
1650.10	1680.10	-1.97	-1.71	-1.49
1710.10	1740.10	-1.57	-1.41	-1.27
1750.10	1780.10	-1.41	-1.25	-1.15
1810.10	1840.10	-1.04	-0.85	-0.77
1850.10	1880.10	-0.90	-0.68	-0.58
1910.10	1940.10	-0.63	-0.40	-0.32
1950.10	1980.10	-0.60	-0.32	-0.23
2010.10	2040.10	-0.41	-0.16	-0.10
2050.10	2080.10	-0.38	-0.12	-0.07
2110.10	2140.10	-0.26	-0.07	-0.05
2150.10	2180.10	-0.22	-0.05	-0.05
2210.10	2240.10	-0.09	-0.02	-0.03

REV. X2

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IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED • RoHS compliant

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Frequency Mixer

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=510.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=10MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1023.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
500.10	10.00	7.28	10.10	20.10	7.01	1013.10	10.00	7.60
490.10	20.00	7.16	30.10	40.10	6.57	993.10	30.00	7.52
480.10	30.00	7.14	50.10	60.10	6.49	973.10	50.00	7.43
470.10	40.00	7.08	70.10	80.10	6.42	953.10	70.00	7.38
460.10	50.00	7.17	90.10	100.10	6.37	933.10	90.00	7.23
450.10	60.00	7.08	110.10	120.10	6.24	913.10	110.00	7.09
440.10	70.00	7.15	130.10	140.10	6.32	893.10	130.00	7.01
430.10	80.00	7.16	150.10	160.10	6.36	873.10	150.00	6.91
420.10	90.00	7.19	170.10	180.10	6.29	853.10	170.00	6.89
410.10	100.00	7.08	190.10	200.10	6.38	833.10	190.00	6.82
400.10	110.00	7.00	210.10	220.10	6.33	813.10	210.00	6.80
390.10	120.00	6.97	230.10	240.10	6.35	793.10	230.00	6.81
380.10	130.00	6.88	250.10	260.10	6.55	773.10	250.00	6.78
370.10	140.00	6.91	270.10	280.10	6.56	753.10	270.00	6.84
360.10	150.00	6.87	290.10	300.10	6.50	733.10	290.00	6.83
350.10	160.00	6.86	310.10	320.10	6.60	713.10	310.00	6.87
340.10	170.00	6.79	330.10	340.10	6.63	693.10	330.00	6.85
330.10	180.00	6.81	350.10	360.10	6.43	673.10	350.00	6.90
320.10	190.00	6.74	390.10	400.10	6.72	633.10	390.00	6.92
310.10	200.00	6.75	410.10	420.10	7.03	613.10	410.00	6.93
290.10	220.00	6.71	450.10	460.10	6.62	573.10	450.00	6.90
280.10	230.00	6.69	470.10	480.10	6.63	553.10	470.00	6.91
260.10	250.00	6.72	510.10	520.10	6.84	513.10	510.00	6.86
250.10	260.00	6.74	530.10	540.10	6.92	493.10	530.00	6.93
230.10	280.00	6.73	570.10	580.10	6.84	453.10	570.00	7.08
220.10	290.00	6.75	590.10	600.10	6.72	433.10	590.00	7.19
200.10	310.00	6.77	630.10	640.10	6.74	393.10	630.00	7.11
190.10	320.00	6.73	650.10	660.10	6.81	373.10	650.00	7.12
170.10	340.00	6.76	690.10	700.10	6.95	333.10	690.00	7.15
160.10	350.00	6.84	710.10	720.10	7.24	313.10	710.00	7.21
140.10	370.00	6.86	750.10	760.10	7.19	273.10	750.00	7.31
130.10	380.00	6.83	770.10	780.10	7.56	253.10	770.00	7.39
110.10	400.00	6.86	810.10	820.10	7.53	213.10	810.00	7.55
100.10	410.00	6.86	830.10	840.10	7.54	193.10	830.00	7.63
80.10	430.00	6.85	870.10	880.10	7.72	153.10	870.00	7.74
70.10	440.00	6.88	890.10	900.10	7.66	133.10	890.00	7.75
50.10	460.00	6.98	930.10	940.10	7.77	93.10	930.00	7.84
40.10	470.00	6.96	950.10	960.10	7.58	73.10	950.00	7.86
20.10	490.00	7.00	990.10	1000.10	7.34	33.10	990.00	7.85
10.10	500.00	7.22	1010.10	1020.10	7.49	13.10	1010.00	7.90

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
40.10	77.02	70.41	77.14	66.31	63.96	61.80
100.10	72.79	71.47	69.96	52.97	48.53	46.03
160.10	66.61	67.22	67.99	48.80	44.08	41.75
220.10	64.48	66.26	66.61	46.57	42.14	40.25
280.10	64.94	65.92	65.74	45.74	42.34	39.33
340.10	64.19	64.97	65.42	44.85	41.47	38.43
400.10	61.45	61.87	62.31	42.49	40.62	37.54
460.10	60.24	60.97	62.43	38.75	38.57	36.31
520.10	63.84	62.56	60.30	36.30	37.21	35.98
580.10	56.32	56.40	56.28	33.65	35.22	35.32
640.10	52.64	52.53	53.08	31.28	33.19	34.25
700.10	52.99	55.81	56.82	29.32	31.14	32.31
760.10	55.53	77.09	56.29	28.60	30.24	31.07
820.10	53.64	57.93	53.15	28.40	30.30	30.93
880.10	50.78	52.89	51.88	28.23	30.93	32.19
940.10	49.52	50.96	51.40	27.71	30.99	33.30
1000.10	52.73	55.37	54.13	26.63	29.61	31.95
1060.10	62.38	61.99	57.43	25.03	27.44	29.42
1120.10	54.84	62.69	63.55	23.31	25.31	27.15
1180.10	48.27	51.89	53.98	21.80	23.66	25.48
1240.10	44.42	47.16	48.85	21.07	22.80	24.60
1300.10	42.54	44.76	45.51	20.87	22.42	24.12
1360.10	41.77	44.21	45.00	21.01	22.82	24.42
1420.10	40.67	44.26	46.72	20.81	23.05	25.05
1480.10	37.37	40.86	45.31	19.98	22.44	24.90
1540.10	33.88	37.03	40.90	19.18	21.74	24.37
1580.10	32.38	35.48	39.23	18.90	21.51	24.18
1640.10	30.85	33.82	37.27	18.69	21.37	24.08
1680.10	30.08	32.98	36.22	18.69	21.37	24.11
1740.10	29.03	31.81	34.86	18.80	21.53	24.29
1780.10	28.56	31.20	34.07	18.91	21.57	24.27
1840.10	28.30	30.85	33.50	19.30	21.95	24.56
1880.10	28.15	30.64	33.11	19.54	22.15	24.66
1940.10	27.96	30.42	32.69	19.97	22.55	24.92
1980.10	27.93	30.30	32.41	20.31	22.83	25.06
2040.10	27.82	30.09	31.91	21.03	23.50	25.50
2080.10	27.86	29.98	31.51	21.45	23.79	25.51
2140.10	28.06	30.01	31.24	22.17	24.35	25.74
2180.10	28.34	30.06	30.96	22.65	24.64	25.72
2240.10	28.69	30.02	30.43	23.53	25.21	25.83

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
10.10	40.10	50.18	50.00	50.23
70.10	100.10	34.32	33.81	34.08
130.10	160.10	29.11	28.83	28.88
190.10	220.10	26.14	26.27	26.38
250.10	280.10	24.67	24.70	24.55
310.10	340.10	23.36	23.46	23.59
370.10	400.10	22.32	22.51	22.58
430.10	460.10	21.72	21.97	22.14
490.10	520.10	21.32	21.72	21.88
550.10	580.10	20.62	20.99	21.15
610.10	640.10	19.79	20.24	20.74
670.10	700.10	19.64	20.59	21.08
730.10	760.10	19.16	20.14	20.72
790.10	820.10	18.35	18.94	19.31
850.10	880.10	17.16	17.37	17.43
910.10	940.10	16.01	16.08	16.05
970.10	1000.10	15.05	15.13	15.10
1030.10	1060.10	14.54	14.56	14.59
1090.10	1120.10	14.45	14.48	14.59
1150.10	1180.10	14.49	14.67	14.83
1210.10	1240.10	14.50	14.77	14.99
1270.10	1300.10	14.65	14.74	14.81
1330.10	1360.10	14.76	14.67	14.46
1390.10	1420.10	14.76	14.44	14.16
1450.10	1480.10	14.43	14.07	13.79
1510.10	1540.10	13.84	13.50	13.23
1550.10	1580.10	13.33	12.96	12.63
1610.10	1640.10	12.30	11.98	11.71
1650.10	1680.10	11.56	11.23	11.00
1710.10	1740.10	10.33	10.04	9.80
1750.10	1780.10	9.51	9.23	9.03
1810.10	1840.10	8.29	7.98	7.80
1850.10	1880.10	7.70	7.38	7.21
1910.10	1940.10	6.85	6.55	6.37
1950.10	1980.10	6.49	6.16	5.97
2010.10	2040.10	5.92	5.59	5.44
2050.10	2080.10	5.66	5.35	5.17
2110.10	2140.10	5.29	4.97	4.82
2150.10	2180.10	5.12	4.79	4.63
2210.10	2240.10	4.66	4.34	4.23

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=MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+7	+10	+13		+7	+10	+13		+7	+10	+13
10.10	40.10	1.57	1.40	1.44	40.10	1.15	1.53	2.13	10.00	1.84	1.45	1.18
70.10	100.10	1.53	1.41	1.34	100.10	1.06	1.51	2.13	29.75	1.86	1.45	1.18
130.10	160.10	1.54	1.42	1.35	160.10	1.07	1.52	2.15	49.50	1.87	1.46	1.20
190.10	220.10	1.54	1.42	1.36	220.10	1.09	1.50	2.10	69.25	1.86	1.46	1.19
250.10	280.10	1.55	1.44	1.39	280.10	1.09	1.52	2.13	89.00	1.84	1.44	1.19
310.10	340.10	1.55	1.46	1.42	340.10	1.09	1.55	2.16	108.75	1.87	1.47	1.21
370.10	400.10	1.57	1.49	1.45	400.10	1.09	1.57	2.17	128.50	1.85	1.45	1.20
430.10	460.10	1.58	1.51	1.47	460.10	1.10	1.60	2.21	148.25	1.86	1.47	1.22
490.10	520.10	1.59	1.53	1.50	520.10	1.13	1.65	2.25	168.00	1.83	1.44	1.20
550.10	580.10	1.60	1.56	1.53	580.10	1.17	1.69	2.29	187.75	1.83	1.46	1.22
610.10	640.10	1.59	1.55	1.53	640.10	1.20	1.72	2.32	207.50	1.83	1.45	1.22
670.10	700.10	1.56	1.54	1.53	700.10	1.23	1.74	2.34	227.25	1.82	1.45	1.22
730.10	760.10	1.59	1.58	1.58	760.10	1.29	1.81	2.39	247.00	1.80	1.44	1.21
790.10	820.10	1.61	1.61	1.62	820.10	1.35	1.86	2.44	266.75	1.81	1.46	1.24
850.10	880.10	1.65	1.64	1.64	880.10	1.39	1.89	2.47	286.50	1.80	1.45	1.23
910.10	940.10	1.68	1.65	1.63	940.10	1.42	1.92	2.50	306.25	1.81	1.46	1.26
970.10	1000.10	1.66	1.62	1.59	1000.10	1.44	1.94	2.52	326.00	1.79	1.45	1.24
1030.10	1060.10	1.60	1.54	1.52	1060.10	1.46	1.96	2.54	345.75	1.79	1.46	1.26
1090.10	1120.10	1.48	1.43	1.41	1120.10	1.48	1.99	2.58	365.50	1.79	1.46	1.27
1150.10	1180.10	1.37	1.32	1.30	1180.10	1.55	2.06	2.65	385.25	1.79	1.47	1.28
1210.10	1240.10	1.27	1.21	1.19	1240.10	1.64	2.12	2.68	405.00	1.80	1.49	1.30
1270.10	1300.10	1.15	1.10	1.10	1300.10	1.73	2.20	2.76	424.75	1.81	1.50	1.31
1330.10	1360.10	1.07	1.01	1.08	1360.10	1.78	2.23	2.79	444.50	1.79	1.48	1.30
1390.10	1420.10	1.12	1.14	1.19	1420.10	1.80	2.24	2.78	464.25	1.78	1.48	1.30
1450.10	1480.10	1.26	1.30	1.33	1480.10	1.81	2.24	2.79	484.00	1.81	1.51	1.33
1510.10	1540.10	1.42	1.45	1.47	1540.10	1.84	2.25	2.79	503.75	1.82	1.52	1.34
1550.10	1580.10	1.51	1.53	1.55	1580.10	1.89	2.28	2.82	523.50	1.84	1.55	1.36
1610.10	1640.10	1.67	1.68	1.68	1640.10	2.01	2.35	2.84	543.25	1.80	1.51	1.33
1650.10	1680.10	1.78	1.76	1.75	1680.10	2.11	2.41	2.87	563.00	1.84	1.55	1.37
1710.10	1740.10	1.95	1.92	1.89	1740.10	2.25	2.48	2.91	582.75	1.84	1.55	1.38
1750.10	1780.10	2.04	2.01	1.98	1780.10	2.35	2.54	2.94	602.50	1.89	1.60	1.42
1810.10	1840.10	2.15	2.15	2.13	1840.10	2.49	2.61	2.97	622.25	1.85	1.56	1.39
1850.10	1880.10	2.19	2.18	2.18	1880.10	2.58	2.66	2.99	642.00	1.85	1.57	1.40
1910.10	1940.10	2.23	2.23	2.22	1940.10	2.73	2.72	3.02	661.75	1.84	1.57	1.39
1950.10	1980.10	2.25	2.24	2.24	1980.10	2.84	2.77	3.03	681.50	1.90	1.62	1.44
2010.10	2040.10	2.26	2.27	2.26	2040.10	2.98	2.82	3.04	701.25	1.88	1.60	1.43
2050.10	2080.10	2.27	2.25	2.25	2080.10	3.10	2.86	3.03	721.00	1.87	1.59	1.42
2110.10	2140.10	2.24	2.22	2.21	2140.10	3.25	2.89	3.02	740.75	1.87	1.60	1.43
2150.10	2180.10	2.28	2.23	2.22	2180.10	3.38	2.94	3.01	760.25	1.89	1.62	1.46
2210.10	2240.10	2.23	2.19	2.17	2240.10	3.58	2.99	2.99	800.00	1.86	1.59	1.43

REV. X2

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101013

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Harmonics Tables

	RF HARMONICS ORDER	(-dBm)											
		(-dBc)											
0	-	-	8	25	6	24	16	28	28	40	60	51	
1	-	14	+0	36	15	39	20	33	46	42	51	39	
2	83	67	45	57	46	67	45	62	56	> 73	63	62	
3	> 90	> 73	57	> 73	55	> 73	54	> 73	58	72	69	> 73	
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	> 90	> 73	> 73	> 73	> 73	> 73	> 73	> 73	> 73	> 73	> 73	> 73	
8	> 90	> 73	> 73	> 73	> 73	> 73	> 73	> 73	> 73	> 73	> 73	> 73	
9	> 90	> 73	> 73	> 73	> 73	> 73	> 73	> 73	> 73	> 73	> 73	> 73	
10	> 90	> 73	> 73	> 73	> 73	> 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: 505.00 MHz; -10.00 dBm.
 LO IN: 535.00 MHz; +10.00 dBm
 IF OUT: 30.00 MHz; -17.21 dBm

	RF HARMONICS ORDER	(-dBm)											
		(-dBc)											
0	-	-	17	35	18	35	28	39	41	58	63	52	
1	-	14	+0	36	15	46	22	36	45	48	55	46	
2	64	61	38	55	38	61	37	60	47	59	55	66	
3	> 90	52	44	58	43	71	38	54	46	53	60	60	
4	> 90	73	57	73	56	72	58	70	53	66	70	69	
5	> 90	72	64	69	52	80	52	79	54	71	55	68	
6	> 90	> 83	79	80	> 83	82	72	> 83	68	> 83	63	78	
7	> 90	> 83	> 83	> 83	75	> 83	> 83	> 83	> 83	> 83	72	81	
8	> 90	> 83	> 83	> 83	> 83	> 83	82	> 83	80	> 83	78	> 83	
9	> 90	> 83	> 83	> 83	> 83	> 83	> 83	> 83	> 83	> 83	> 83	> 83	
10	> 90	> 83	> 83	> 83	> 83	> 83	> 83	> 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: 505.00 MHz; 0 dBm.
 LO IN: 535.00 MHz; +10.00 dBm
 IF OUT: 30.00 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.