

Frequency Mixer

MCA1T-42LH+

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+7	+10	+13
710.0	740.0	17.79	10.82	7.31
810.0	840.0	10.88	7.62	6.46
910.0	940.0	8.54	6.75	6.13
1010.0	1040.0	7.87	6.62	5.93
1110.0	1140.0	7.33	6.52	5.90
1210.0	1240.0	6.49	6.19	6.02
1310.0	1340.0	6.11	5.85	5.74
1410.0	1440.0	5.96	5.79	5.74
1510.0	1540.0	6.21	5.84	5.71
1610.0	1640.0	6.47	6.07	5.86
1710.0	1740.0	6.39	6.08	5.91
1810.0	1840.0	6.38	6.09	5.93
1910.0	1940.0	6.22	6.04	5.97
2010.0	2040.0	6.54	6.28	6.14
2110.0	2140.0	6.79	6.45	6.25
2210.0	2240.0	6.89	6.48	6.26
2290.0	2320.0	7.18	6.60	6.30
2390.0	2420.0	6.97	6.51	6.21
2470.0	2500.0	6.84	6.34	6.10
2570.0	2600.0	7.88	7.01	6.43
2650.0	2680.0	7.97	7.06	6.57
2750.0	2780.0	7.50	6.94	6.64
2830.0	2860.0	7.17	6.53	6.21
2930.0	2960.0	6.99	6.19	5.82
3010.0	3040.0	6.59	5.57	5.40
3110.0	3140.0	6.12	5.36	5.23
3190.0	3220.0	5.77	5.25	5.14
3290.0	3320.0	5.66	5.15	5.07
3370.0	3400.0	5.61	5.19	5.19
3470.0	3500.0	5.86	5.48	5.51
3550.0	3580.0	6.32	5.75	5.64
3650.0	3680.0	6.34	5.69	5.46
3730.0	3760.0	6.54	5.74	5.36
3830.0	3860.0	6.57	5.96	5.65
3910.0	3940.0	6.76	6.09	5.71
4010.0	4040.0	7.12	6.28	5.85
4090.0	4120.0	7.51	6.52	6.05
4190.0	4220.0	8.32	7.05	6.47
4270.0	4300.0	9.38	7.22	6.46
4370.0	4400.0	11.86	7.44	6.54

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+7	+10	+13
710.0	740.0	-4.00	2.69	7.86
810.0	840.0	1.90	6.61	20.19
910.0	940.0	6.97	12.96	15.29
1010.0	1040.0	9.11	12.22	15.31
1110.0	1140.0	8.15	9.80	11.79
1210.0	1240.0	10.84	10.37	10.57
1310.0	1340.0	13.90	13.42	15.16
1410.0	1440.0	12.36	18.25	13.19
1510.0	1540.0	14.98	13.79	14.36
1610.0	1640.0	24.26	15.53	15.85
1710.0	1740.0	22.52	26.05	20.49
1810.0	1840.0	16.71	15.64	16.09
1910.0	1940.0	15.61	22.93	25.98
2010.0	2040.0	17.71	18.18	19.46
2110.0	2140.0	17.39	17.47	18.27
2210.0	2240.0	16.74	16.46	16.42
2290.0	2320.0	12.44	14.37	15.78
2390.0	2420.0	13.04	13.19	12.71
2470.0	2500.0	13.63	17.43	19.69
2570.0	2600.0	13.25	16.14	16.49
2650.0	2680.0	11.87	12.06	14.15
2750.0	2780.0	14.15	14.59	13.30
2830.0	2860.0	10.01	10.30	9.99
2930.0	2960.0	7.69	9.69	12.34
3010.0	3040.0	8.58	15.02	16.16
3110.0	3140.0	10.46	14.89	17.10
3190.0	3220.0	10.17	12.97	15.02
3290.0	3320.0	9.51	13.48	15.80
3370.0	3400.0	12.10	17.76	21.40
3470.0	3500.0	11.69	19.24	22.85
3550.0	3580.0	9.89	21.15	22.46
3650.0	3680.0	10.86	17.72	15.13
3730.0	3760.0	13.97	15.06	13.60
3830.0	3860.0	17.01	22.10	20.54
3910.0	3940.0	13.64	15.63	16.71
4010.0	4040.0	11.09	13.05	15.06
4090.0	4120.0	9.27	12.41	14.12
4190.0	4220.0	7.57	10.38	12.79
4270.0	4300.0	6.86	9.42	12.55
4370.0	4400.0	4.10	10.38	14.24

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+5dBm (dB)		
		@LO (dBm)		
		+7	+10	+13
710.0	740.0	-3.59	0.55	1.53
810.0	840.0	2.06	2.55	2.00
910.0	940.0	2.69	2.64	2.20
1010.0	1040.0	2.18	2.17	2.02
1110.0	1140.0	1.91	1.94	1.80
1210.0	1240.0	1.89	1.62	1.36
1310.0	1340.0	1.36	1.13	0.97
1410.0	1440.0	1.17	0.84	0.62
1510.0	1540.0	1.07	0.90	0.73
1610.0	1640.0	0.85	0.65	0.50
1710.0	1740.0	0.85	0.59	0.45
1810.0	1840.0	0.86	0.57	0.40
1910.0	1940.0	0.86	0.47	0.32
2010.0	2040.0	0.90	0.61	0.45
2110.0	2140.0	0.99	0.78	0.56
2210.0	2240.0	1.16	0.88	0.69
2290.0	2320.0	1.10	0.85	0.68
2390.0	2420.0	1.33	0.93	0.69
2470.0	2500.0	1.02	0.73	0.55
2570.0	2600.0	0.67	0.65	0.58
2650.0	2680.0	0.79	0.88	0.77
2750.0	2780.0	1.25	1.07	0.97
2830.0	2860.0	1.34	1.10	1.02
2930.0	2960.0	1.50	1.20	1.01
3010.0	3040.0	1.74	1.29	0.83
3110.0	3140.0	1.74	0.88	0.58
3190.0	3220.0	1.50	0.65	0.42
3290.0	3320.0	1.40	0.57	0.33
3370.0	3400.0	1.30	0.50	0.22
3470.0	3500.0	1.44	0.82	0.44
3550.0	3580.0	1.52	1.08	0.71
3650.0	3680.0	1.33	0.99	0.66
3730.0	3760.0	1.30	1.12	0.93
3830.0	3860.0	1.28	1.12	0.94
3910.0	3940.0	1.24	1.14	0.98
4010.0	4040.0	1.59	1.44	1.29
4090.0	4120.0	1.62	1.45	1.31
4190.0	4220.0	1.39	1.17	1.10
4270.0	4300.0	1.02	1.14	1.01
4370.0	4400.0	-0.71	1.10	0.95

Frequency Mixer

MCA1T-42LH+

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2600MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=989.9MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4210.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+10			+10			+10
1770.0	830.0	11.71	10.1	1000.0	7.06	1810.1	2400.0	10.23
1670.0	930.0	10.39	50.1	1040.0	6.44	1768.2	2441.9	9.33
1570.0	1030.0	9.78	90.1	1080.0	6.26	1726.4	2483.7	8.75
1470.0	1130.0	8.77	130.1	1120.0	6.47	1684.5	2525.6	8.61
1390.0	1210.0	7.72	170.1	1160.0	6.41	1642.7	2567.4	8.57
1290.0	1310.0	6.40	210.1	1200.0	6.35	1600.8	2609.3	8.46
1210.0	1390.0	6.25	250.1	1240.0	6.20	1558.9	2651.2	8.04
1110.0	1490.0	7.30	290.1	1280.0	6.01	1517.1	2693.0	7.81
1030.0	1570.0	8.09	330.1	1320.0	5.87	1475.2	2734.9	7.79
930.0	1670.0	8.64	370.1	1360.0	5.89	1433.4	2776.7	7.77
850.0	1750.0	8.93	410.1	1400.0	5.85	1391.5	2818.6	7.67
750.0	1850.0	7.94	470.1	1460.0	5.65	1349.6	2860.5	7.75
670.0	1930.0	7.38	510.1	1500.0	5.48	1307.8	2902.3	7.71
570.0	2030.0	7.19	570.1	1560.0	5.64	1265.9	2944.2	7.68
490.0	2110.0	6.89	610.1	1600.0	5.87	1224.1	2986.0	7.47
390.0	2210.0	6.25	670.1	1660.0	5.94	1182.2	3027.9	7.45
310.0	2290.0	6.01	710.1	1700.0	5.76	1140.3	3069.8	7.42
210.0	2390.0	6.01	770.1	1760.0	5.74	1098.5	3111.6	7.45
130.0	2470.0	6.61	810.1	1800.0	5.62	1056.6	3153.5	7.42
30.0	2570.0	6.87	870.1	1860.0	5.55	1014.8	3195.3	7.27
50.0	2650.0	6.86	910.1	1900.0	5.52	972.9	3237.2	7.38
150.0	2750.0	7.63	970.1	1960.0	5.63	931.0	3279.1	7.33
230.0	2830.0	7.42	1010.1	2000.0	5.72	889.2	3320.9	7.32
330.0	2930.0	7.27	1070.1	2060.0	5.98	847.3	3362.8	6.95
410.0	3010.0	6.74	1110.1	2100.0	6.09	805.4	3404.7	6.70
510.0	3110.0	6.40	1170.1	2160.0	6.20	742.7	3467.4	6.73
590.0	3190.0	6.31	1210.1	2200.0	6.48	700.8	3509.3	6.72
690.0	3290.0	6.50	1270.1	2260.0	7.01	638.0	3572.1	6.80
770.0	3370.0	6.65	1310.1	2300.0	7.29	596.1	3614.0	6.91
870.0	3470.0	6.60	1370.1	2360.0	7.40	533.4	3676.7	6.77
950.0	3550.0	6.52	1410.1	2400.0	7.46	491.5	3718.6	6.72
1050.0	3650.0	6.44	1470.1	2460.0	7.50	428.7	3781.4	6.53
1130.0	3730.0	6.48	1510.1	2500.0	7.55	386.8	3823.3	6.69
1230.0	3830.0	6.65	1570.1	2560.0	7.68	324.1	3886.0	7.02
1310.0	3910.0	6.76	1610.1	2600.0	7.75	282.2	3927.9	6.92
1410.0	4010.0	6.97	1670.1	2660.0	8.10	219.4	3990.7	6.85
1490.0	4090.0	7.37	1710.1	2700.0	8.26	177.5	4032.6	6.79
1590.0	4190.0	8.34	1770.1	2760.0	8.69	114.8	4095.3	6.83
1670.0	4270.0	9.26	1810.1	2800.0	9.06	72.9	4137.2	6.86
1770.0	4370.0	11.04	1870.1	2860.0	10.17	10.1	4200.0	7.30

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
740.0	53.91	57.17	43.68	21.71	21.68	22.27
840.0	47.40	39.06	37.76	19.23	20.22	22.52
940.0	35.23	34.77	35.40	18.06	20.33	22.62
1040.0	33.25	33.72	34.59	18.51	20.98	23.18
1140.0	37.43	36.92	37.10	19.73	22.57	24.90
1240.0	46.71	45.09	43.85	21.04	23.45	25.00
1340.0	45.86	43.36	42.26	22.12	23.42	23.66
1440.0	43.59	40.50	37.89	21.85	22.18	21.75
1540.0	41.21	39.09	36.77	21.54	21.42	21.07
1640.0	37.16	36.31	35.49	23.73	22.93	21.75
1740.0	37.37	37.39	37.45	22.64	21.76	21.09
1840.0	39.66	39.59	39.19	23.06	22.21	21.56
1940.0	41.42	41.01	40.43	23.56	23.23	22.92
2040.0	39.44	38.94	38.64	22.60	23.77	24.73
2140.0	38.87	38.26	37.75	20.21	22.06	23.70
2240.0	38.96	37.36	36.25	18.42	19.39	19.88
2320.0	40.36	37.60	35.90	18.18	18.37	18.16
2420.0	46.44	40.93	37.34	18.77	18.27	17.62
2500.0	47.35	42.54	39.83	20.06	18.81	18.01
2600.0	46.80	43.35	41.19	21.09	19.82	18.74
2680.0	43.25	41.39	39.93	22.66	20.84	19.51
2780.0	45.38	40.77	38.17	24.07	22.64	21.74
2860.0	51.63	44.72	41.28	24.91	22.79	21.92
2960.0	56.44	49.76	45.87	26.10	23.80	23.09
3040.0	54.87	57.66	46.29	27.44	26.00	25.47
3140.0	44.87	41.62	38.28	29.18	28.05	27.70
3220.0	43.10	39.47	36.18	29.23	28.53	28.55
3320.0	40.44	37.99	34.63	28.03	27.73	28.30
3400.0	37.36	34.68	32.24	26.26	26.66	27.83
3500.0	35.60	33.13	31.64	24.06	24.88	26.36
3580.0	35.68	32.98	31.60	22.58	23.53	24.88
3680.0	33.46	32.58	31.88	21.24	22.39	23.92
3760.0	31.41	30.57	30.09	19.16	20.71	22.56
3860.0	30.37	29.99	29.33	18.57	20.47	22.31
3940.0	29.43	29.11	28.55	18.82	20.87	22.65
4040.0	30.75	30.02	29.08	20.89	22.93	24.06
4120.0	32.12	31.17	29.86	19.07	20.54	21.64
4220.0	32.28	32.35	31.33	15.77	17.04	18.45
4300.0	32.25	32.92	32.32	14.41	15.25	16.36
4400.0	31.95	33.91	34.26	13.63	14.35	15.66

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+7	+10	+13
710.0	740.0	24.50	22.66	16.79
810.0	840.0	20.47	14.76	13.11
910.0	940.0	13.58	12.09	11.68
1010.0	1040.0	13.21	12.48	12.16
1110.0	1140.0	16.68	15.54	14.82
1210.0	1240.0	21.78	20.95	20.38
1310.0	1340.0	25.70	24.29	23.38
1410.0	1440.0	26.91	25.79	23.84
1510.0	1540.0	25.73	23.95	22.56
1610.0	1640.0	24.07	22.18	20.90
1710.0	1740.0	23.37	22.14	21.06
1810.0	1840.0	22.25	21.06	20.21
1910.0	1940.0	21.23	20.65	20.26
2010.0	2040.0	22.77	22.37	22.10
2110.0	2140.0	24.63	24.24	24.01
2210.0	2240.0	29.31	29.03	28.78
2290.0	2320.0	35.11	34.78	34.36
2390.0	2420.0	26.00	25.30	24.81
2470.0	2500.0	22.39	21.86	21.58
2570.0	2600.0	20.40	19.70	19.24
2650.0	2680.0	18.44	17.47	17.04
2750.0	2780.0	18.64	17.76	16.82
2830.0	2860.0	18.32	17.62	17.04
2930.0	2960.0	18.56	17.29	16.46
3010.0	3040.0	18.53	17.18	16.76
3110.0	3140.0	19.18	18.29	18.00
3190.0	3220.0	19.50	18.75	18.59
3290.0	3320.0	20.71	19.45	18.85
3370.0	3400.0	20.72	19.24	18.64
3470.0	3500.0	21.44	20.12	19.79
3550.0	3580.0	28.03	28.77	29.67
3650.0	3680.0	21.50	20.37	19.92
3730.0	3760.0	24.45	23.10	22.41
3830.0	3860.0	29.35	26.83	25.51
3910.0	3940.0	25.87	24.24	23.51
4010.0	4040.0	32.61	32.10	33.10
4090.0	4120.0	32.56	39.51	43.07
4190.0	4220.0	28.08	32.96	35.70
4270.0	4300.0	25.53	32.38	41.28
4370.0	4400.0	23.21	29.19	48.43

Frequency Mixer

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Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)		
		@LO (dBm)		
		+7	+10	+13
710.0	740.0	6.26	3.59	2.73
810.0	840.0	2.88	2.17	1.93
910.0	940.0	2.25	1.81	1.66
1010.0	1040.0	2.52	2.18	1.99
1110.0	1140.0	3.01	2.76	2.55
1210.0	1240.0	2.92	2.83	2.77
1310.0	1340.0	2.75	2.62	2.57
1410.0	1440.0	2.80	2.58	2.43
1510.0	1540.0	2.97	2.68	2.45
1610.0	1640.0	2.91	2.59	2.34
1710.0	1740.0	2.80	2.58	2.39
1810.0	1840.0	2.64	2.39	2.22
1910.0	1940.0	2.42	2.28	2.19
2010.0	2040.0	2.76	2.60	2.48
2110.0	2140.0	3.11	2.92	2.79
2210.0	2240.0	3.22	3.00	2.84
2290.0	2320.0	3.26	3.00	2.82
2390.0	2420.0	3.02	2.71	2.46
2470.0	2500.0	2.79	2.53	2.39
2570.0	2600.0	3.35	2.99	2.70
2650.0	2680.0	3.51	3.06	2.81
2750.0	2780.0	3.62	3.26	2.94
2830.0	2860.0	3.50	3.14	2.86
2930.0	2960.0	3.18	2.57	2.17
3010.0	3040.0	2.74	2.07	1.86
3110.0	3140.0	2.24	1.82	1.65
3190.0	3220.0	2.01	1.64	1.45
3290.0	3320.0	1.81	1.43	1.26
3370.0	3400.0	1.54	1.18	1.08
3470.0	3500.0	1.57	1.34	1.30
3550.0	3580.0	1.79	1.57	1.49
3650.0	3680.0	1.83	1.57	1.42
3730.0	3760.0	2.00	1.72	1.51
3830.0	3860.0	1.96	1.73	1.57
3910.0	3940.0	2.03	1.82	1.67
4010.0	4040.0	2.22	1.98	1.83
4090.0	4120.0	2.49	2.23	2.07
4190.0	4220.0	2.87	2.58	2.41
4270.0	4300.0	3.33	2.80	2.58
4370.0	4400.0	4.09	2.96	2.75

LO (MHz)	LO VSWR (:1)		
	@LO (dBm)		
	+7	+10	+13
740.0	30.49	27.59	19.11
840.0	21.20	12.99	9.74
940.0	8.27	6.46	6.83
1040.0	3.98	4.30	5.16
1140.0	2.62	3.18	4.02
1240.0	2.02	2.58	3.33
1340.0	1.65	2.17	2.86
1440.0	1.58	2.08	2.72
1540.0	1.72	2.22	2.87
1640.0	1.89	2.43	3.11
1740.0	2.08	2.68	3.43
1840.0	2.12	2.80	3.62
1940.0	2.01	2.78	3.70
2040.0	2.10	2.90	3.86
2140.0	2.29	3.06	3.99
2240.0	2.62	3.27	4.12
2320.0	2.89	3.43	4.20
2420.0	3.14	3.62	4.34
2500.0	3.45	3.73	4.34
2600.0	3.56	3.82	4.36
2680.0	3.88	3.79	4.16
2780.0	4.17	4.00	4.36
2860.0	4.23	3.77	4.00
2960.0	4.09	3.18	3.31
3040.0	4.06	3.14	3.24
3140.0	5.02	3.42	3.15
3220.0	5.27	3.43	2.99
3320.0	5.10	3.07	2.55
3400.0	4.55	2.74	2.21
3500.0	3.73	2.33	1.84
3580.0	3.00	1.94	1.58
3680.0	2.27	1.61	1.46
3760.0	1.94	1.52	1.59
3860.0	1.92	1.71	1.90
3940.0	2.20	2.06	2.26
4040.0	2.95	2.63	2.77
4120.0	3.95	3.24	3.23
4220.0	5.93	4.14	3.65
4300.0	7.94	5.12	3.94
4400.0	9.96	7.50	5.10

IF (OUT) (MHz)	IF VSWR @LO=4200MHz (:1)		
	@LO (dBm)		
	+7	+10	+13
10.0	1.92	1.41	1.19
50.0	1.95	1.45	1.23
90.0	1.96	1.46	1.24
130.0	2.02	1.53	1.31
170.0	2.06	1.57	1.38
210.0	2.13	1.63	1.43
250.0	2.20	1.71	1.52
290.0	2.25	1.75	1.55
330.0	2.34	1.83	1.63
370.0	2.40	1.88	1.68
410.0	2.49	1.95	1.73
450.0	2.58	2.03	1.80
490.0	2.66	2.08	1.83
530.0	2.78	2.17	1.91
570.0	2.84	2.20	1.92
610.0	2.93	2.25	1.95
650.0	3.00	2.29	1.96
690.0	2.97	2.29	1.95
730.0	3.09	2.36	2.00
770.0	3.10	2.33	1.96
810.0	3.24	2.43	2.03
850.0	3.23	2.40	2.00
890.0	3.34	2.48	2.05
930.0	3.33	2.46	2.05
970.0	3.32	2.44	2.03
1010.0	3.29	2.42	2.02
1050.0	3.21	2.33	1.93
1090.0	3.14	2.28	1.90
1130.0	3.09	2.23	1.87
1170.0	3.05	2.24	1.91
1210.0	2.99	2.21	1.91
1270.0	2.92	2.23	2.00
1310.0	2.86	2.25	2.07
1370.0	2.76	2.33	2.24
1410.0	2.73	2.42	2.40
1470.0	2.85	2.73	2.83
1510.0	2.91	2.92	3.07
1570.0	3.06	3.23	3.46
1610.0	3.23	3.52	3.81
1670.0	3.59	4.02	4.39

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+6	18	1	24	19	35	36	53	62	---
1	-	12	+0	21	19	34	35	47	40	57	52	68
2	82	40	48	41	61	46	44	61	54	54	62	70
3	>90	71	57	69	54	61	58	61	67	>73	65	>73
4	>90	>73	>73	>73	>73	71	>73	72	>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	---	---	>73	>73	72	>73	>73	>73	>73	>73	>73	>73
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 2600 MHz; -10.00 dBm.
 LO IN: 2630 MHz; +10.00 dBm
 IF OUT: 30 MHz; -17.01 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	3	32	12	37	35	44	50	63	68	---
1	-	11	+0	23	20	41	40	56	49	61	69	>83
2	62	32	37	38	42	45	39	55	49	60	60	71
3	>90	51	35	48	37	39	44	47	50	70	61	67
4	>90	73	54	51	69	47	52	54	53	69	63	63
5	>90	63	75	67	51	75	49	61	55	62	67	73
6	>90	80	72	81	71	66	69	59	59	64	63	70
7	>90	>83	>83	>83	>83	79	73	>83	66	67	70	71
8	>90	>83	>83	>83	>83	>83	>83	69	>83	63	73	73
9	>90	>83	>83	>83	>83	>83	>83	>83	76	>83	71	81
10	---	---	>83	>83	>83	>83	>83	>83	>83	82	>83	76
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2600 MHz; 0.00 dBm.
 LO IN: 2630 MHz; +10.00 dBm
 IF OUT: 30 MHz; -6.95 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.