

Frequency Mixer

ADE-EDR4227/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+4	+7	+10
10.1	40.1	6.08	5.58	5.35
49.9	79.9	6.35	5.87	5.63
89.6	119.6	6.34	5.87	5.64
129.4	159.4	6.34	5.89	5.69
169.1	199.1	6.28	5.87	5.70
208.9	238.9	6.19	5.83	5.70
248.6	278.6	6.17	5.83	5.70
288.4	318.4	6.14	5.85	5.72
328.1	358.1	6.16	5.88	5.75
367.9	397.9	6.16	5.90	5.78
407.6	437.6	6.17	5.91	5.78
447.4	477.4	6.19	5.93	5.81
487.1	517.1	6.21	5.95	5.81
526.9	556.9	6.18	5.92	5.77
566.6	596.6	6.20	5.95	5.80
606.4	636.4	6.26	6.03	5.88
646.1	676.1	6.31	6.05	5.92
685.9	715.9	6.38	6.08	5.94
725.6	755.6	6.46	6.18	6.02
765.4	795.4	6.53	6.24	6.07
805.1	835.1	6.62	6.38	6.20
844.9	874.9	6.74	6.50	6.34
884.6	914.6	6.82	6.58	6.42
924.4	954.4	6.92	6.66	6.52
964.1	994.1	7.05	6.74	6.56
1003.9	1033.9	7.21	6.87	6.66
1043.6	1073.6	7.36	6.97	6.76
1083.4	1113.4	7.52	7.07	6.84
1123.1	1153.1	7.77	7.23	6.94
1162.9	1192.9	8.07	7.51	7.11
1202.6	1232.6	8.31	7.78	7.33
1242.4	1272.4	8.56	8.09	7.63
1282.1	1312.1	8.75	8.28	7.85
1321.9	1351.9	8.93	8.48	8.07
1361.6	1391.6	9.19	8.74	8.34
1401.4	1431.4	9.45	9.05	8.69
1441.1	1471.1	9.73	9.35	9.00
1480.9	1510.9	9.99	9.56	9.25
1560.4	1590.4	10.50	10.00	9.64
1600.1	1630.1	10.76	10.21	9.84

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+4	+7	+10
10.1	40.1	12.77	17.34	16.90
49.9	79.9	12.49	13.07	15.89
89.6	119.6	11.00	14.05	21.72
129.4	159.4	12.12	17.30	24.51
169.1	199.1	17.07	18.93	23.82
208.9	238.9	16.43	22.73	20.33
248.6	278.6	16.58	25.36	18.79
288.4	318.4	18.96	18.81	19.87
328.1	358.1	17.67	26.06	20.80
367.9	397.9	23.89	23.22	19.86
407.6	437.6	25.66	19.12	17.81
447.4	477.4	25.91	22.46	17.86
487.1	517.1	25.89	18.53	19.89
526.9	556.9	20.37	17.32	15.27
566.6	596.6	19.30	17.39	16.77
606.4	636.4	20.46	20.91	25.36
646.1	676.1	19.75	19.54	19.42
685.9	715.9	16.61	16.14	19.35
725.6	755.6	19.92	17.30	19.09
765.4	795.4	16.23	16.85	16.35
805.1	835.1	12.03	15.36	18.65
844.9	874.9	11.26	12.23	15.15
884.6	914.6	11.43	12.32	14.92
924.4	954.4	12.43	11.79	14.98
964.1	994.1	14.01	14.76	15.46
1003.9	1033.9	14.82	16.65	16.62
1043.6	1073.6	17.88	17.91	18.12
1083.4	1113.4	15.92	17.14	18.50
1123.1	1153.1	16.39	14.00	16.00
1162.9	1192.9	10.66	17.48	14.75
1202.6	1232.6	8.62	14.53	14.69
1242.4	1272.4	8.59	11.30	17.61
1282.1	1312.1	9.65	10.89	15.31
1321.9	1351.9	9.66	10.88	11.89
1361.6	1391.6	10.75	11.59	12.12
1401.4	1431.4	10.93	13.39	12.51
1441.1	1471.1	11.35	12.63	14.73
1480.9	1510.9	11.33	12.30	14.43
1560.4	1590.4	10.15	9.89	9.23
1600.1	1630.1	8.44	8.72	8.84

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+1dBm (dB)		
		@LO (dBm)		
		+4	+7	+10
10.1	40.1	1.06	0.76	0.57
49.9	79.9	1.04	0.76	0.56
89.6	119.6	1.02	0.76	0.57
129.4	159.4	1.04	0.78	0.56
169.1	199.1	1.04	0.75	0.53
208.9	238.9	1.06	0.73	0.51
248.6	278.6	1.05	0.72	0.51
288.4	318.4	1.05	0.72	0.52
328.1	358.1	1.03	0.70	0.52
367.9	397.9	1.03	0.71	0.52
407.6	437.6	1.02	0.70	0.53
447.4	477.4	1.01	0.71	0.53
487.1	517.1	1.03	0.72	0.56
526.9	556.9	0.96	0.67	0.51
566.6	596.6	0.97	0.69	0.52
606.4	636.4	1.00	0.70	0.54
646.1	676.1	1.07	0.76	0.59
685.9	715.9	1.09	0.81	0.61
725.6	755.6	1.14	0.84	0.64
765.4	795.4	1.16	0.83	0.62
805.1	835.1	1.14	0.81	0.59
844.9	874.9	1.23	0.88	0.66
884.6	914.6	1.25	0.90	0.68
924.4	954.4	1.37	0.99	0.78
964.1	994.1	1.40	1.01	0.79
1003.9	1033.9	1.36	1.00	0.78
1043.6	1073.6	1.34	0.99	0.77
1083.4	1113.4	1.33	0.99	0.78
1123.1	1153.1	1.29	1.02	0.79
1162.9	1192.9	1.14	0.93	0.73
1202.6	1232.6	1.08	0.86	0.71
1242.4	1272.4	1.10	0.85	0.72
1282.1	1312.1	1.09	0.85	0.71
1321.9	1351.9	1.06	0.83	0.72
1361.6	1391.6	0.93	0.74	0.66
1401.4	1431.4	0.86	0.68	0.61
1441.1	1471.1	0.80	0.63	0.57
1480.9	1510.9	0.80	0.63	0.58
1560.4	1590.4	0.87	0.80	0.79
1600.1	1630.1	0.91	0.86	0.84

REV. X2

ADE-EDR4227/1

100817

Page 1 of 5



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see



Frequency Mixer

ADE-EDR4227/1

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=500.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=10.1MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1000.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+7			+7			+7
480.0	20.1	6.24	10.0	20.1	5.90	500.0	500.1	6.65
468.3	31.9	6.23	22.3	32.4	5.74	487.8	512.4	6.77
456.5	43.6	6.22	34.5	44.6	5.73	475.5	524.6	6.77
444.8	55.4	6.21	46.8	56.9	5.72	463.3	536.9	6.79
433.0	67.1	6.19	59.0	69.1	5.59	451.0	549.1	6.80
421.3	78.9	6.15	71.3	81.4	5.56	438.8	561.4	6.82
409.5	90.6	6.12	83.5	93.6	5.61	426.5	573.6	6.83
397.8	102.4	6.07	95.8	105.9	5.67	414.3	585.9	6.80
386.0	114.1	6.05	108.0	118.1	5.71	402.0	598.1	6.77
374.3	125.9	6.02	120.3	130.4	5.69	389.8	610.4	6.78
362.5	137.6	6.00	132.5	142.6	5.67	377.5	622.6	6.80
350.8	149.4	5.98	144.8	154.9	5.67	365.3	634.9	6.80
339.0	161.1	5.96	157.0	167.1	5.65	353.0	647.1	6.80
327.3	172.9	5.95	169.3	179.4	5.64	340.8	659.4	6.80
315.5	184.6	5.95	181.5	191.6	5.66	328.5	671.6	6.78
303.8	196.4	5.94	193.8	203.9	5.66	316.3	683.9	6.78
292.0	208.1	5.92	206.0	216.1	5.64	304.0	696.1	6.81
280.3	219.9	5.90	218.3	228.4	5.61	291.8	708.4	6.81
268.5	231.6	5.90	230.5	240.6	5.62	279.5	720.6	6.82
256.8	243.4	5.90	242.8	252.9	5.65	267.3	732.9	6.82
245.0	255.1	5.86	255.0	265.1	5.70	255.0	745.1	6.84
233.3	266.9	5.82	267.3	277.4	5.73	242.8	757.4	6.79
221.5	278.6	5.80	279.5	289.6	5.75	230.5	769.6	6.76
209.8	290.4	5.89	291.8	301.9	5.74	218.3	781.9	6.84
198.0	302.1	5.88	304.0	314.1	5.73	206.0	794.1	6.86
186.3	313.9	5.87	316.3	326.4	5.73	193.8	806.4	6.87
174.5	325.6	5.87	328.5	338.6	5.76	181.5	818.6	6.87
162.8	337.4	5.83	340.8	350.9	5.75	169.3	830.9	6.88
151.0	349.1	5.83	353.0	363.1	5.75	157.0	843.1	6.91
139.3	360.9	5.87	365.3	375.4	5.77	144.8	855.4	6.93
127.5	372.6	5.88	377.5	387.6	5.78	132.5	867.6	6.91
115.8	384.4	5.90	389.8	399.9	5.77	120.3	879.9	6.87
104.0	396.1	5.84	402.0	412.1	5.76	108.0	892.1	6.88
92.3	407.9	5.86	414.3	424.4	5.83	95.8	904.4	6.89
80.5	419.6	5.85	426.5	436.6	5.86	83.5	916.6	6.86
68.8	431.4	5.88	438.8	448.9	5.88	71.3	928.9	6.84
57.0	443.1	5.88	451.0	461.1	5.86	59.0	941.1	6.86
45.3	454.9	5.86	463.3	473.4	5.87	46.8	953.4	6.86
21.8	478.4	5.90	487.8	497.9	5.86	22.3	977.9	6.86
10.0	490.1	5.98	500.0	510.1	5.88	10.0	990.1	6.84

REV. X2

ADE-EDR4227/1

100817

Page 2 of 5



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see



Frequency Mixer

ADE-EDR4227/1

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+4	+7	+10	+4	+7	+10
10.1	71.51	73.90	72.89	58.87	63.49	64.56
49.9	60.24	59.92	59.79	59.64	58.75	57.86
89.6	55.34	55.10	55.12	54.31	54.10	54.12
129.4	52.37	52.49	52.52	51.91	52.32	52.13
169.1	50.43	50.85	50.63	50.50	50.85	50.39
208.9	49.38	49.49	48.97	48.97	49.18	48.97
248.6	48.23	48.19	47.68	47.19	47.61	47.72
288.4	47.30	47.08	46.56	45.22	46.07	46.64
328.1	46.39	46.03	45.55	43.43	44.57	45.55
367.9	45.64	45.18	44.70	41.86	43.28	44.66
407.6	45.05	44.56	44.03	40.82	42.42	44.04
447.4	44.30	44.03	43.71	39.50	41.32	43.30
487.1	43.68	43.25	42.92	38.63	40.42	42.46
526.9	43.51	43.11	42.70	37.71	39.70	42.03
566.6	43.29	42.87	42.61	36.96	39.04	41.59
606.4	43.63	42.98	42.55	36.47	38.74	41.43
646.1	44.36	43.41	42.79	35.92	38.39	41.21
685.9	45.30	44.45	43.71	35.37	37.88	40.63
725.6	46.00	45.55	44.93	34.54	36.94	39.30
765.4	46.60	46.55	46.25	33.94	36.12	38.05
805.1	46.95	47.18	46.96	33.37	35.43	37.07
844.9	47.17	47.97	48.04	32.86	34.88	36.43
884.6	47.56	49.01	49.44	32.58	34.40	35.65
924.4	48.03	50.79	52.87	32.04	33.55	34.41
964.1	48.20	52.38	57.79	31.40	32.40	32.78
1003.9	47.44	50.58	53.84	30.80	31.14	30.93
1043.6	46.67	48.78	50.34	30.14	30.16	29.70
1083.4	46.79	48.09	48.83	29.58	29.12	28.32
1123.1	47.34	48.37	48.92	28.82	27.89	26.88
1162.9	48.19	48.82	49.02	28.27	27.20	26.10
1202.6	49.53	49.70	49.67	27.78	26.75	25.56
1242.4	49.70	49.41	49.02	27.22	26.23	25.06
1282.1	49.83	49.41	48.95	26.55	25.46	24.34
1321.9	49.54	49.43	49.14	25.87	24.69	23.57
1361.6	48.78	48.90	49.26	25.21	24.01	22.91
1401.4	48.03	48.67	49.65	24.33	23.13	22.03
1441.1	48.05	48.94	49.96	23.51	22.39	21.31
1480.9	48.43	49.73	49.35	22.65	21.66	20.63
1560.4	49.88	49.25	43.36	20.91	20.17	19.24
1600.1	50.23	47.97	40.51	20.12	19.49	18.57

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+4	+7	+10
10.1	40.1	56.47	43.05	54.59
49.9	79.9	34.60	34.62	34.21
89.6	119.6	29.86	29.85	29.84
129.4	159.4	27.18	27.30	27.29
169.1	199.1	25.39	25.46	25.44
208.9	238.9	24.18	24.24	24.29
248.6	278.6	23.29	23.36	23.43
288.4	318.4	22.81	22.89	22.95
328.1	358.1	22.50	22.60	22.69
367.9	397.9	22.40	22.55	22.62
407.6	437.6	22.57	22.83	22.95
447.4	477.4	22.92	23.21	23.36
487.1	517.1	23.37	23.69	23.90
526.9	556.9	24.03	24.34	24.53
566.6	596.6	24.67	24.96	25.13
606.4	636.4	25.05	25.42	25.65
646.1	676.1	24.47	24.94	25.24
685.9	715.9	23.04	23.52	23.90
725.6	755.6	21.21	21.58	21.95
765.4	795.4	19.42	19.68	19.92
805.1	835.1	17.90	18.06	18.22
844.9	874.9	16.64	16.68	16.77
884.6	914.6	15.55	15.52	15.55
924.4	954.4	14.69	14.62	14.62
964.1	994.1	13.97	13.89	13.90
1003.9	1033.9	13.42	13.33	13.34
1043.6	1073.6	12.97	12.88	12.91
1083.4	1113.4	12.62	12.55	12.60
1123.1	1153.1	12.36	12.29	12.35
1162.9	1192.9	12.12	12.09	12.15
1202.6	1232.6	11.92	11.93	12.03
1242.4	1272.4	11.71	11.78	11.92
1282.1	1312.1	11.54	11.65	11.84
1321.9	1351.9	11.38	11.55	11.77
1361.6	1391.6	11.24	11.46	11.71
1401.4	1431.4	11.10	11.36	11.64
1441.1	1471.1	10.98	11.26	11.57
1480.9	1510.9	10.86	11.17	11.49
1560.4	1590.4	10.65	11.02	11.32
1600.1	1630.1	10.57	10.92	11.16

Frequency Mixer

ADE-EDR4227/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=1000.1MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+4	+7	+10		+4	+7	+10		+4	+7	+10
10.1	40.1	1.16	1.09	1.11	10.1	1.14	1.42	2.03	10.0	1.81	1.58	1.51
49.9	79.9	1.10	1.02	1.09	49.9	1.10	1.46	2.10	22.3	1.73	1.55	1.40
89.6	119.6	1.09	1.06	1.13	89.6	1.11	1.46	2.09	34.5	1.72	1.53	1.38
129.4	159.4	1.09	1.10	1.17	129.4	1.16	1.47	2.07	46.8	1.68	1.50	1.37
169.1	199.1	1.09	1.14	1.19	169.1	1.18	1.48	2.05	59.0	1.68	1.50	1.35
208.9	238.9	1.12	1.17	1.22	208.9	1.20	1.48	2.04	71.3	1.69	1.50	1.37
248.6	278.6	1.15	1.20	1.25	248.6	1.21	1.52	2.08	83.5	1.69	1.52	1.38
288.4	318.4	1.18	1.23	1.27	288.4	1.20	1.54	2.12	95.8	1.72	1.54	1.40
328.1	358.1	1.20	1.25	1.29	328.1	1.21	1.60	2.18	108.0	1.73	1.54	1.42
367.9	397.9	1.23	1.27	1.31	367.9	1.21	1.65	2.26	120.3	1.73	1.54	1.43
407.6	437.6	1.26	1.31	1.35	407.6	1.23	1.68	2.27	132.5	1.73	1.54	1.42
447.4	477.4	1.30	1.34	1.39	447.4	1.25	1.72	2.31	144.8	1.72	1.54	1.41
487.1	517.1	1.34	1.38	1.42	487.1	1.27	1.73	2.30	157.0	1.71	1.53	1.41
526.9	556.9	1.38	1.43	1.47	526.9	1.28	1.76	2.33	169.3	1.71	1.54	1.42
566.6	596.6	1.41	1.46	1.50	566.6	1.32	1.81	2.38	181.5	1.73	1.55	1.44
606.4	636.4	1.46	1.50	1.53	606.4	1.37	1.89	2.46	193.8	1.74	1.56	1.45
646.1	676.1	1.52	1.55	1.58	646.1	1.42	1.95	2.52	206.0	1.75	1.57	1.46
685.9	715.9	1.56	1.60	1.64	685.9	1.46	1.98	2.52	218.3	1.74	1.57	1.47
725.6	755.6	1.61	1.64	1.68	725.6	1.51	2.02	2.56	230.5	1.74	1.57	1.46
765.4	795.4	1.67	1.70	1.74	765.4	1.54	2.04	2.55	242.8	1.73	1.57	1.47
805.1	835.1	1.71	1.74	1.77	805.1	1.59	2.09	2.61	255.0	1.74	1.58	1.48
844.9	874.9	1.76	1.77	1.80	844.9	1.66	2.17	2.68	267.3	1.76	1.60	1.49
884.6	914.6	1.81	1.83	1.84	884.6	1.73	2.23	2.73	279.5	1.77	1.61	1.51
924.4	954.4	1.86	1.86	1.88	924.4	1.80	2.30	2.80	291.8	1.78	1.61	1.52
964.1	994.1	1.94	1.94	1.94	964.1	1.83	2.30	2.77	304.0	1.77	1.61	1.52
1003.9	1033.9	2.02	2.02	2.02	1003.9	1.88	2.33	2.78	316.3	1.75	1.59	1.51
1043.6	1073.6	2.15	2.14	2.14	1043.6	1.92	2.35	2.79	328.5	1.76	1.61	1.53
1083.4	1113.4	2.26	2.25	2.25	1083.4	1.96	2.37	2.78	340.8	1.77	1.62	1.54
1123.1	1153.1	2.40	2.36	2.36	1123.1	2.06	2.46	2.85	353.0	1.78	1.64	1.56
1162.9	1192.9	2.55	2.50	2.48	1162.9	2.12	2.52	2.90	365.3	1.79	1.65	1.58
1202.6	1232.6	2.72	2.66	2.62	1202.6	2.17	2.57	2.95	377.5	1.80	1.67	1.59
1242.4	1272.4	2.88	2.82	2.77	1242.4	2.21	2.60	2.96	389.8	1.81	1.67	1.60
1282.1	1312.1	3.06	2.99	2.93	1282.1	2.21	2.58	2.94	402.0	1.81	1.68	1.61
1321.9	1351.9	3.20	3.13	3.07	1321.9	2.24	2.59	2.93	414.3	1.81	1.68	1.61
1361.6	1391.6	3.37	3.29	3.21	1361.6	2.26	2.59	2.91	426.5	1.81	1.68	1.62
1401.4	1431.4	3.52	3.43	3.38	1401.4	2.31	2.62	2.92	438.8	1.81	1.69	1.63
1441.1	1471.1	3.65	3.58	3.50	1441.1	2.35	2.64	2.93	451.0	1.81	1.70	1.65
1480.9	1510.9	3.79	3.71	3.64	1480.9	2.36	2.63	2.90	463.3	1.84	1.72	1.67
1560.4	1590.4	4.08	3.96	3.91	1560.4	2.37	2.59	2.83	487.8	1.88	1.76	1.71
1600.1	1630.1	4.15	4.06	3.97	1600.1	2.36	2.56	2.78	500.0	1.88	1.77	1.71

REV. X2

ADE-EDR4227/1

100817

Page 4 of 5



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	22	17	40	28	45	41	39	28	58
1	-	18	+0	24	11	29	18	38	34	41	41	32
2	>100	69	66	75	72	72	66	68	72	>80	72	69
3	>100	73	71	71	75	74	68	78	79	75	72	73
4	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
5	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
6	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
7	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
8	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -14.00 dBm.
LO IN: 530.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -19.82 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	21	32	27	49	39	59	52	56	42	65
1	-	18	+0	24	11	29	19	41	34	47	46	39
2	87	57	57	60	64	69	58	73	65	70	66	63
3	>100	57	50	53	49	52	45	63	45	55	56	56
4	>100	74	86	75	87	76	>90	74	80	74	86	81
5	>100	74	72	73	69	72	61	72	62	69	62	70
6	>100	>90	>90	>90	>90	88	>90	84	>90	86	>90	85
7	>100	>90	>90	>90	80	87	79	83	79	82	77	83
8	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90
9	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90
10	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -4.00 dBm.
LO IN: 530.01 MHz; +7.00 dBm
IF OUT: 29.91 MHz; -9.84 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.

REV. X2
ADE-EDR4227/1
100817
Page 5 of 5



The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see

Mini-Circuits®

IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED • RoHS compliant
P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661

