

Frequency Mixer

ALY-ED5505/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB)		
		@LO (dBm)		
		+10	+13	+16
1500.1	1530.1	16.08	8.74	7.24
1660.1	1690.1	9.79	7.33	6.76
1820.1	1850.1	7.92	7.07	6.76
1980.1	2010.1	7.60	6.77	6.50
2140.1	2170.1	7.70	6.53	6.23
2300.1	2330.1	7.85	6.54	6.36
2460.1	2490.1	7.52	6.80	6.63
2620.1	2650.1	7.69	7.07	6.93
2780.1	2810.1	8.80	7.90	7.73
2940.1	2970.1	9.62	8.82	8.50
3100.1	3130.1	9.89	8.98	8.56
3260.1	3290.1	10.03	9.20	8.73
3420.1	3450.1	9.19	8.78	8.51
3580.1	3610.1	8.33	8.02	7.87
3740.1	3770.1	8.16	7.85	7.71
3900.1	3930.1	7.74	7.48	7.36
4060.1	4090.1	7.49	7.19	7.03
4220.1	4250.1	7.45	7.13	6.94
4380.1	4410.1	7.19	6.91	6.70
4560.1	4590.1	6.94	6.66	6.49
4720.1	4750.1	7.48	7.22	7.05
4900.1	4930.1	7.29	7.01	6.84
5060.1	5090.1	6.71	6.44	6.28
5240.1	5270.1	6.31	5.93	5.74
5400.1	5430.1	6.51	6.13	5.95
5580.1	5610.1	6.44	5.94	5.68
5740.1	5770.1	6.32	5.70	5.40
5920.1	5950.1	6.47	5.72	5.43
6080.1	6110.1	6.34	5.63	5.43
6260.1	6290.1	6.28	5.62	5.54
6420.1	6450.1	6.26	5.75	5.74
6600.1	6630.1	6.21	6.02	6.08
6760.1	6790.1	6.40	6.28	6.33
6940.1	6970.1	6.65	6.52	6.53
7100.1	7130.1	7.04	6.89	6.87
7280.1	7310.1	7.59	7.36	7.30
7440.1	7470.1	8.00	7.71	7.61
7620.1	7650.1	8.56	7.98	7.83
7780.1	7810.1	9.11	8.21	7.89
7960.1	7990.1	10.42	8.89	8.24

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)		
		@LO (dBm)		
		+10	+13	+16
1500.1	1530.1	4.59	18.70	18.47
1660.1	1690.1	12.82	16.53	18.43
1820.1	1850.1	15.98	15.83	17.96
1980.1	2010.1	17.62	16.21	16.99
2140.1	2170.1	17.89	16.45	17.24
2300.1	2330.1	14.09	18.95	19.59
2460.1	2490.1	13.94	20.24	20.18
2620.1	2650.1	14.16	19.87	21.16
2780.1	2810.1	12.79	19.79	21.86
2940.1	2970.1	14.04	22.35	24.81
3100.1	3130.1	24.73	18.50	19.58
3260.1	3290.1	13.08	15.55	17.18
3420.1	3450.1	12.96	14.25	15.40
3580.1	3610.1	13.92	14.97	15.49
3740.1	3770.1	14.83	16.33	16.81
3900.1	3930.1	15.50	17.54	18.74
4060.1	4090.1	15.86	17.18	18.94
4220.1	4250.1	15.89	16.62	18.35
4380.1	4410.1	16.08	16.12	17.23
4560.1	4590.1	16.66	16.83	17.56
4720.1	4750.1	16.59	15.94	16.29
4900.1	4930.1	14.22	14.17	14.58
5060.1	5090.1	13.00	13.53	14.03
5240.1	5270.1	12.13	13.18	14.04
5400.1	5430.1	12.66	13.96	14.60
5580.1	5610.1	10.61	11.96	13.01
5740.1	5770.1	9.32	11.61	13.02
5920.1	5950.1	8.80	12.30	14.63
6080.1	6110.1	9.08	12.87	15.21
6260.1	6290.1	10.10	14.25	16.36
6420.1	6450.1	11.72	15.42	17.30
6600.1	6630.1	14.20	16.95	18.28
6760.1	6790.1	15.86	18.02	18.82
6940.1	6970.1	16.67	18.52	19.13
7100.1	7130.1	16.94	18.94	19.94
7280.1	7310.1	16.81	18.91	20.07
7440.1	7470.1	16.79	18.28	19.62
7620.1	7650.1	16.85	17.53	19.00
7780.1	7810.1	16.20	16.53	18.25
7960.1	7990.1	14.68	15.43	17.24

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+9dBm (dB)		
		@LO (dBm)		
		+10	+13	+16
1500.1	1530.1	-2.61	1.34	1.16
1660.1	1690.1	1.22	1.98	1.60
1820.1	1850.1	2.45	1.90	1.46
1980.1	2010.1	2.47	2.01	1.61
2140.1	2170.1	2.38	2.19	1.81
2300.1	2330.1	2.73	2.09	1.62
2460.1	2490.1	2.92	1.87	1.54
2620.1	2650.1	2.63	1.71	1.42
2780.1	2810.1	1.88	1.13	0.93
2940.1	2970.1	0.61	0.32	0.33
3100.1	3130.1	-0.24	-0.05	0.12
3260.1	3290.1	-0.61	-0.51	-0.23
3420.1	3450.1	0.01	-0.34	-0.25
3580.1	3610.1	0.61	0.07	0.04
3740.1	3770.1	0.49	0.05	0.05
3900.1	3930.1	0.62	0.21	0.16
4060.1	4090.1	0.77	0.36	0.22
4220.1	4250.1	0.65	0.31	0.21
4380.1	4410.1	0.74	0.42	0.30
4560.1	4590.1	1.01	0.64	0.45
4720.1	4750.1	1.00	0.74	0.61
4900.1	4930.1	1.02	0.71	0.62
5060.1	5090.1	1.15	0.82	0.68
5240.1	5270.1	1.43	0.92	0.75
5400.1	5430.1	1.39	0.96	0.75
5580.1	5610.1	1.74	1.24	1.07
5740.1	5770.1	1.78	1.19	1.09
5920.1	5950.1	1.67	1.04	1.05
6080.1	6110.1	1.79	1.19	1.32
6260.1	6290.1	1.81	1.15	1.28
6420.1	6450.1	1.90	1.19	1.30
6600.1	6630.1	1.52	1.09	1.20
6760.1	6790.1	1.50	1.02	1.05
6940.1	6970.1	1.38	1.06	1.05
7100.1	7130.1	1.26	1.00	1.01
7280.1	7310.1	1.12	0.85	0.82
7440.1	7470.1	1.12	0.78	0.78
7620.1	7650.1	1.18	0.77	0.69
7780.1	7810.1	1.29	0.81	0.79
7960.1	7990.1	0.86	0.63	0.72

REV. X2

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Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=5100MHz (dB)
		@LO (dBm)
		+13
2170.0	2930.0	10.34
2060.2	3039.8	9.63
1950.3	3149.7	8.89
1840.5	3259.5	8.14
1730.7	3369.3	7.76
1620.8	3479.2	7.42
1511.0	3589.0	7.08
1401.2	3698.8	6.53
1291.4	3808.6	6.10
1181.5	3918.5	5.83
1071.7	4028.3	5.74
961.9	4138.1	6.02
852.0	4248.0	6.26
742.2	4357.8	6.33
632.4	4467.6	6.45
522.5	4577.5	6.41
412.7	4687.3	6.24
302.9	4797.1	6.00
193.1	4906.9	5.95
83.2	5016.8	6.22
31.9	5131.9	6.27
163.1	5263.1	6.17
294.2	5394.2	6.37
425.4	5525.4	6.50
556.6	5656.6	7.32
687.8	5787.8	8.24
819.0	5919.0	8.32
950.2	6050.2	8.01
1081.4	6181.4	7.62
1212.5	6312.5	7.22
1343.7	6443.7	6.86
1474.9	6574.9	6.53
1606.1	6706.1	6.35
1737.3	6837.3	6.09
1868.5	6968.5	5.84
2021.5	7121.5	6.14
2152.7	7252.7	7.57
2305.8	7405.8	8.97
2436.9	7536.9	9.33
2590.0	7690.0	11.11

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=3289.8999MHz (dB)
		@LO (dBm)
		+13
10.1	3300.0	9.26
70.1	3360.0	8.97
130.1	3420.0	9.01
190.1	3480.0	8.93
250.1	3540.0	8.69
310.1	3600.0	8.49
370.1	3660.0	8.19
430.1	3720.0	7.91
490.1	3780.0	7.73
550.1	3840.0	7.43
610.1	3900.0	7.19
670.1	3960.0	6.96
730.1	4020.0	6.73
790.1	4080.0	6.69
850.1	4140.0	6.60
910.1	4200.0	6.71
970.1	4260.0	6.92
1030.1	4320.0	7.22
1090.1	4380.0	7.62
1150.1	4440.0	7.97
1210.1	4500.0	8.32
1270.1	4560.0	8.18
1330.1	4620.0	8.46
1390.1	4680.0	9.08
1450.1	4740.0	9.28
1510.1	4800.0	9.84
1570.1	4860.0	9.92
1630.1	4920.0	9.87
1710.1	5000.0	9.73
1770.1	5060.0	9.52
1850.1	5140.0	8.74
1910.1	5200.0	8.62
1990.1	5280.0	8.64
2050.1	5340.0	8.77
2130.1	5420.0	8.69
2190.1	5480.0	9.04
2270.1	5560.0	9.23
2330.1	5620.0	9.47
2410.1	5700.0	10.08
2470.1	5760.0	10.63

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=6910.1001MHz (dB)
		@LO (dBm)
		+13
1950.1	4960.0	10.33
1910.1	5000.0	10.07
1870.1	5040.0	9.98
1810.1	5100.0	9.75
1770.1	5140.0	9.70
1710.1	5200.0	9.43
1670.1	5240.0	9.35
1610.1	5300.0	9.34
1570.1	5340.0	9.23
1510.1	5400.0	9.14
1470.1	5440.0	9.04
1410.1	5500.0	8.94
1370.1	5540.0	8.82
1310.1	5600.0	8.84
1270.1	5640.0	8.70
1210.1	5700.0	8.64
1170.1	5740.0	8.62
1110.1	5800.0	8.63
1070.1	5840.0	8.70
1010.1	5900.0	8.62
970.1	5940.0	8.52
910.1	6000.0	8.45
870.1	6040.0	8.47
810.1	6100.0	8.52
770.1	6140.0	8.51
710.1	6200.0	8.52
670.1	6240.0	8.45
610.1	6300.0	8.43
570.1	6340.0	8.36
510.1	6400.0	8.20
470.1	6440.0	8.09
410.1	6500.0	7.87
370.1	6540.0	7.69
310.1	6600.0	7.38
270.1	6640.0	7.19
210.1	6700.0	6.93
170.1	6740.0	6.77
110.1	6800.0	6.62
70.1	6840.0	6.59
10.1	6900.0	6.70

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+10	+13	+16	+10	+13	+16
1530.1	36.22	46.51	45.21	9.68	11.30	13.44
1690.1	43.63	37.97	38.34	9.78	11.29	12.93
1850.1	34.42	32.58	31.32	10.30	11.55	12.23
2010.1	35.17	34.55	31.23	11.54	12.42	12.27
2170.1	35.64	34.19	31.95	13.09	13.02	12.52
2330.1	38.34	36.85	34.01	15.60	14.75	13.59
2490.1	40.81	40.71	35.84	19.79	17.17	14.96
2650.1	43.40	45.82	40.43	23.87	19.30	16.79
2810.1	35.45	37.54	38.55	24.58	20.55	19.06
2970.1	30.08	31.79	33.27	21.56	21.10	20.99
3130.1	27.62	29.78	31.87	19.50	20.73	22.18
3290.1	27.59	29.31	30.95	17.95	19.84	21.86
3450.1	28.85	30.15	31.15	17.53	19.32	20.94
3610.1	29.46	30.09	30.39	17.23	18.52	19.32
3770.1	28.55	28.84	29.05	17.32	17.96	18.14
3930.1	27.54	27.59	27.54	17.53	17.43	16.90
4090.1	26.64	26.67	26.99	17.49	16.87	16.32
4250.1	25.71	25.72	25.69	17.14	16.17	15.38
4410.1	24.83	25.37	25.50	16.40	15.71	15.19
4590.1	23.84	24.61	25.08	15.57	15.20	14.96
4750.1	23.39	24.41	24.83	14.75	14.74	14.78
4930.1	23.06	24.12	24.70	14.29	14.51	14.81
5090.1	22.51	23.71	24.33	13.60	14.47	15.05
5270.1	22.44	23.00	22.86	13.12	14.13	15.07
5430.1	22.26	23.08	22.88	12.92	14.31	15.34
5610.1	22.06	22.43	22.03	12.73	14.32	15.66
5770.1	21.53	21.11	20.38	12.81	14.45	16.00
5950.1	21.31	20.34	19.37	13.18	14.76	16.41
6110.1	20.97	19.76	18.67	13.78	15.22	16.52
6290.1	20.47	18.94	17.83	14.83	15.52	15.52
6450.1	19.26	17.94	17.22	15.85	15.19	14.06
6630.1	17.52	17.25	16.64	16.29	14.40	12.24
6790.1	16.54	16.62	16.90	15.93	13.22	11.73
6970.1	15.69	16.50	17.08	13.92	12.19	11.00
7130.1	15.42	16.59	17.34	12.43	11.49	10.50
7310.1	15.23	16.52	17.77	11.34	10.68	10.42
7470.1	14.98	16.50	17.89	10.52	10.48	10.47
7650.1	15.00	16.54	18.00	10.11	10.39	10.53
7810.1	14.90	16.35	17.92	10.02	10.40	10.81
7990.1	14.64	15.99	17.48	10.07	10.68	11.20

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+10	+13	+16
1500.1	1530.1	21.57	17.76	20.00
1660.1	1690.1	14.52	14.69	15.92
1820.1	1850.1	11.52	12.42	13.18
1980.1	2010.1	11.27	11.82	12.23
2140.1	2170.1	11.92	12.66	12.88
2300.1	2330.1	13.02	13.78	13.77
2460.1	2490.1	14.55	14.76	14.61
2620.1	2650.1	15.43	15.55	15.40
2780.1	2810.1	15.82	16.17	16.07
2940.1	2970.1	15.10	15.95	16.16
3100.1	3130.1	14.65	15.85	16.38
3260.1	3290.1	14.93	16.09	16.85
3420.1	3450.1	16.59	17.35	17.98
3580.1	3610.1	18.44	19.03	19.47
3740.1	3770.1	20.11	20.70	21.06
3900.1	3930.1	21.89	22.47	22.85
4060.1	4090.1	23.47	24.08	24.49
4220.1	4250.1	25.13	25.90	26.41
4380.1	4410.1	26.77	27.40	28.13
4560.1	4590.1	28.80	29.44	29.95
4720.1	4750.1	29.07	29.57	30.12
4900.1	4930.1	29.81	30.29	30.91
5060.1	5090.1	31.75	32.13	32.50
5240.1	5270.1	33.95	34.83	35.73
5400.1	5430.1	36.12	37.39	38.75
5580.1	5610.1	35.65	36.87	38.34
5740.1	5770.1	36.37	37.94	39.53
5920.1	5950.1	37.13	38.44	40.07
6080.1	6110.1	40.51	41.59	42.90
6260.1	6290.1	42.39	37.79	37.08
6420.1	6450.1	37.70	33.98	33.38
6600.1	6630.1	32.78	31.66	31.44
6760.1	6790.1	29.94	29.76	29.90
6940.1	6970.1	28.72	28.98	29.13
7100.1	7130.1	27.52	28.00	28.27
7280.1	7310.1	26.07	26.71	27.09
7440.1	7470.1	25.22	25.98	26.42
7620.1	7650.1	24.06	25.16	25.74
7780.1	7810.1	22.99	24.17	24.94
7960.1	7990.1	21.74	22.65	23.77

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=6900MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+10	+13	+16		+10	+13	+16		+10	+13	+16
1500.1	1530.1	8.43	5.07	4.15	1530.1	13.60	8.43	5.02	10.0	2.11	1.80	1.61
1660.1	1690.1	4.25	3.45	3.23	1690.1	10.07	4.61	3.31	70.0	2.20	1.87	1.67
1820.1	1850.1	2.78	2.58	2.58	1850.1	5.85	2.90	2.59	130.0	2.29	1.96	1.76
1980.1	2010.1	2.45	2.33	2.27	2010.1	3.76	2.30	2.25	190.0	2.43	2.13	1.93
2140.1	2170.1	2.48	2.36	2.26	2170.1	3.65	2.36	2.23	250.0	2.66	2.34	2.11
2300.1	2330.1	2.52	2.37	2.26	2330.1	4.45	2.29	2.03	310.0	2.91	2.48	2.26
2460.1	2490.1	2.58	2.47	2.34	2490.1	4.07	2.12	2.01	370.0	3.21	2.86	2.59
2620.1	2650.1	2.60	2.52	2.42	2650.1	3.79	2.15	2.04	430.0	3.49	3.09	2.80
2780.1	2810.1	2.51	2.45	2.37	2810.1	3.82	2.17	2.16	490.0	3.68	3.28	2.99
2940.1	2970.1	2.24	2.29	2.27	2970.1	3.29	2.15	2.33	550.0	4.18	3.71	3.38
3100.1	3130.1	2.18	2.24	2.25	3130.1	2.91	2.18	2.48	610.0	4.35	3.86	3.50
3260.1	3290.1	2.57	2.44	2.37	3290.1	2.72	2.16	2.59	670.0	4.66	4.16	3.79
3420.1	3450.1	3.06	2.83	2.66	3450.1	2.37	2.26	2.87	730.0	4.92	4.40	4.01
3580.1	3610.1	3.37	3.08	2.89	3610.1	2.16	2.21	2.82	790.0	4.89	4.40	4.03
3740.1	3770.1	3.46	3.13	2.95	3770.1	1.89	2.24	2.98	850.0	5.10	4.60	4.25
3900.1	3930.1	3.33	2.97	2.74	3930.1	1.72	2.27	3.07	910.0	5.07	4.57	4.23
4060.1	4090.1	3.50	3.11	2.83	4090.1	1.68	2.30	3.09	970.0	5.03	4.56	4.22
4220.1	4250.1	3.34	2.94	2.65	4250.1	1.72	2.44	3.31	1030.0	4.98	4.54	4.22
4380.1	4410.1	3.15	2.82	2.51	4410.1	1.87	2.65	3.56	1090.0	4.88	4.43	4.10
4560.1	4590.1	2.77	2.49	2.28	4590.1	1.99	2.73	3.60	1150.0	4.70	4.30	4.01
4720.1	4750.1	2.96	2.68	2.45	4750.1	2.33	3.05	3.91	1210.0	4.70	4.31	4.01
4900.1	4930.1	3.13	2.82	2.52	4930.1	2.67	3.30	4.16	1270.0	4.40	4.01	3.73
5060.1	5090.1	2.75	2.50	2.26	5090.1	2.95	3.30	3.99	1330.0	4.22	3.85	3.58
5240.1	5270.1	2.42	2.11	1.89	5270.1	3.69	3.66	4.08	1390.0	4.01	3.69	3.44
5400.1	5430.1	2.23	2.02	1.86	5430.1	4.05	3.66	3.97	1450.0	3.86	3.50	3.25
5580.1	5610.1	2.03	1.78	1.60	5610.1	4.98	3.89	3.90	1510.0	3.57	3.24	3.00
5740.1	5770.1	1.68	1.47	1.40	5770.1	5.28	3.65	3.39	1570.0	3.48	3.16	2.93
5920.1	5950.1	1.40	1.26	1.31	5950.1	5.81	3.47	2.97	1630.0	3.15	2.84	2.63
6080.1	6110.1	1.11	1.21	1.38	6110.1	5.70	3.18	2.48	1690.0	2.99	2.71	2.51
6260.1	6290.1	1.19	1.42	1.59	6290.1	5.54	2.85	1.96	1750.0	2.81	2.54	2.35
6420.1	6450.1	1.48	1.67	1.81	6450.1	4.88	2.47	1.58	1810.0	2.58	2.34	2.18
6600.1	6630.1	1.89	2.03	2.16	6630.1	3.47	1.98	1.41	1870.0	2.44	2.23	2.10
6760.1	6790.1	2.13	2.23	2.32	6790.1	2.72	1.82	1.60	1910.0	2.32	2.14	2.04
6940.1	6970.1	2.63	2.67	2.72	6970.1	1.94	1.75	1.94	1970.0	2.30	2.17	2.11
7100.1	7130.1	3.11	3.14	3.17	7130.1	1.69	1.94	2.32	2010.0	2.29	2.20	2.18
7280.1	7310.1	3.43	3.40	3.40	7310.1	1.67	2.12	2.62	2070.0	2.45	2.42	2.44
7440.1	7470.1	3.86	3.70	3.66	7470.1	1.99	2.52	3.04	2110.0	2.59	2.61	2.67
7620.1	7650.1	4.25	3.86	3.76	7650.1	2.38	2.75	3.24	2170.0	2.94	3.04	3.15
7780.1	7810.1	4.62	3.95	3.73	7810.1	2.86	3.17	3.59	2210.0	3.26	3.41	3.54
7960.1	7990.1	5.16	4.24	3.72	7990.1	3.40	3.59	3.80	2270.0	3.88	4.09	4.29

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	20	7	40	---	---	---	---	---	---
1	-	26	+0	37	23	52	59	---	---	---	---	---
2	76	52	49	44	50	54	45	55	---	---	---	---
3	>90	77	63	>78	64	75	70	76	>78	---	---	---
4	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	---	---
5	---	---	>78	>78	>78	>78	>78	>78	>78	>78	>78	---
6	---	---	---	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	---	---	---	---	>78	>78	>78	>78	>78	>78	>78	>78
8	---	---	---	---	---	>78	>78	>78	>78	>78	>78	>78
9	---	---	---	---	---	---	>78	>78	>78	>78	>78	>78
10	---	---	---	---	---	---	---	>78	>78	>78	>78	>78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 5100 MHz; -6.00 dBm.
LO IN: 5130 MHz; +13.00 dBm
IF OUT: 30 MHz; -11.95 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	29	19	51	---	---	---	---	---	---
1	-	26	+0	39	23	50	60	---	---	---	---	---
2	56	44	40	32	42	51	40	54	---	---	---	---
3	80	58	43	60	39	56	51	63	63	---	---	---
4	>90	65	63	56	72	59	69	59	64	66	---	---
5	---	---	77	81	79	85	62	78	67	75	66	---
6	---	---	---	81	78	71	77	80	72	82	66	85
7	---	---	---	---	>88	>88	82	>88	80	87	76	75
8	---	---	---	---	---	>88	>88	>88	>88	82	84	86
9	---	---	---	---	---	---	>88	>88	>88	>88	84	>88
10	---	---	---	---	---	---	---	>88	>88	>88	>88	>88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 5100 MHz; 4.00 dBm.
LO IN: 5130 MHz; +13.00 dBm
IF OUT: 30 MHz; -2.04 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.