

Frequency Mixer

HJK-ED9189/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=167MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+14dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
+14	+17	+20	+14	+17	+20	+14	+17	+20						
1320.1	1153.1	16.42	11.43	9.76	1320.1	1153.1	11.72	14.81	18.92	1320.1	1153.1	-2.05	1.94	1.30
1360.1	1193.1	15.61	11.33	9.15	1360.1	1193.1	10.43	17.90	19.19	1360.1	1193.1	-2.13	0.09	0.85
1400.1	1233.1	15.32	11.23	8.64	1400.1	1233.1	10.01	20.85	19.27	1400.1	1233.1	-2.26	-0.53	0.28
1440.1	1273.1	14.44	10.63	8.06	1440.1	1273.1	10.49	20.13	20.99	1440.1	1273.1	-1.97	-0.33	0.39
1480.1	1313.1	13.92	10.15	8.00	1480.1	1313.1	10.97	21.88	23.25	1480.1	1313.1	-2.08	-0.42	0.36
1520.1	1353.1	13.37	9.64	7.78	1520.1	1353.1	10.96	21.43	25.61	1520.1	1353.1	-1.56	-0.30	0.34
1560.1	1393.1	12.52	9.11	7.66	1560.1	1393.1	12.79	25.22	28.91	1560.1	1393.1	-1.03	-0.07	0.16
1600.1	1433.1	12.15	8.83	7.54	1600.1	1433.1	13.70	22.55	28.87	1600.1	1433.1	-0.73	0.16	0.08
1640.1	1473.1	11.28	8.48	7.43	1640.1	1473.1	16.57	21.30	30.06	1640.1	1473.1	-0.32	0.51	0.18
1680.1	1513.1	10.75	8.28	7.46	1680.1	1513.1	19.08	22.08	27.05	1680.1	1513.1	0.00	1.28	0.24
1720.1	1553.1	10.18	8.08	7.53	1720.1	1553.1	23.86	21.81	27.10	1720.1	1553.1	0.37	0.72	0.29
1760.1	1593.1	9.38	7.88	7.61	1760.1	1593.1	21.72	23.32	27.97	1760.1	1593.1	0.76	0.71	0.24
1800.1	1633.1	8.82	7.63	7.46	1800.1	1633.1	20.87	23.77	28.52	1800.1	1633.1	0.81	0.71	0.24
1840.1	1673.1	8.26	7.54	7.52	1840.1	1673.1	21.61	25.39	30.35	1840.1	1673.1	0.97	0.56	0.13
1880.1	1713.1	7.90	7.39	7.39	1880.1	1713.1	23.23	26.18	30.53	1880.1	1713.1	0.87	0.45	0.12
1920.1	1753.1	7.74	7.39	7.40	1920.1	1753.1	24.15	27.55	30.96	1920.1	1753.1	0.68	0.34	0.12
1960.1	1793.1	7.62	7.38	7.36	1960.1	1793.1	25.16	28.62	31.05	1960.1	1793.1	0.50	0.27	0.12
2000.1	1833.1	7.58	7.38	7.33	2000.1	1833.1	24.84	28.87	31.27	2000.1	1833.1	0.30	0.20	0.11
2040.1	1873.1	7.63	7.46	7.40	2040.1	1873.1	24.80	29.10	31.53	2040.1	1873.1	0.22	0.18	0.13
2080.1	1913.1	7.58	7.46	7.42	2080.1	1913.1	23.84	27.55	31.70	2080.1	1913.1	0.24	0.16	0.12
2120.1	1953.1	7.68	7.56	7.52	2120.1	1953.1	22.95	26.75	31.36	2120.1	1953.1	0.28	0.16	0.11
2160.1	1993.1	7.63	7.54	7.55	2160.1	1993.1	22.40	25.58	30.69	2160.1	1993.1	0.38	0.19	0.09
2200.1	2033.1	7.72	7.60	7.60	2200.1	2033.1	21.64	24.20	28.85	2200.1	2033.1	0.52	0.25	0.10
2240.1	2073.1	7.74	7.58	7.60	2240.1	2073.1	21.60	23.84	27.93	2240.1	2073.1	0.62	0.31	0.09
2280.1	2113.1	7.85	7.61	7.61	2280.1	2113.1	21.03	23.06	26.12	2280.1	2113.1	0.78	0.45	0.12
2320.1	2153.1	7.99	7.62	7.54	2320.1	2153.1	20.59	22.76	25.37	2320.1	2153.1	0.80	0.53	0.18
2360.1	2193.1	8.10	7.67	7.58	2360.1	2193.1	19.86	22.17	24.47	2360.1	2193.1	0.87	0.63	0.23
2400.1	2233.1	8.52	7.83	7.61	2400.1	2233.1	19.24	21.40	23.79	2400.1	2233.1	0.79	0.66	0.35
2440.1	2273.1	8.56	7.89	7.71	2440.1	2273.1	19.20	21.14	25.20	2440.1	2273.1	0.78	0.65	0.30
2480.1	2313.1	9.16	8.19	7.82	2480.1	2313.1	18.97	20.35	22.89	2480.1	2313.1	0.65	0.64	0.42
2520.1	2353.1	9.35	8.32	7.90	2520.1	2353.1	19.05	20.27	22.92	2520.1	2353.1	0.55	0.58	0.38
2560.1	2393.1	9.81	8.66	8.10	2560.1	2393.1	18.80	20.01	22.46	2560.1	2393.1	0.47	0.54	0.41
2600.1	2433.1	10.36	8.97	8.20	2600.1	2433.1	17.67	19.96	22.09	2600.1	2433.1	0.23	0.42	0.49
2640.1	2473.1	10.44	9.12	8.33	2640.1	2473.1	18.10	20.27	22.54	2640.1	2473.1	0.13	0.34	0.45
2680.1	2513.1	11.30	9.64	8.60	2680.1	2513.1	15.79	20.46	22.29	2680.1	2513.1	-0.25	0.14	0.57
2720.1	2553.1	11.35	9.71	8.73	2720.1	2553.1	16.26	20.70	22.72	2720.1	2553.1	-0.28	0.16	0.51
2760.1	2593.1	12.12	10.24	9.05	2760.1	2593.1	14.98	21.17	22.79	2760.1	2593.1	-0.62	-0.01	0.48
2810.1	2643.1	12.46	10.52	9.22	2810.1	2643.1	14.74	21.60	23.16	2810.1	2643.1	-0.83	-0.14	0.51
2850.1	2683.1	13.12	10.89	9.61	2850.1	2683.1	14.37	22.83	23.69	2850.1	2683.1	-1.14	-0.32	0.51
2900.1	2733.1	13.66	11.30	9.83	2900.1	2733.1	13.99	23.13	23.79	2900.1	2733.1	-1.43	-0.33	0.21

Frequency Mixer

HJK-ED9189/1

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1880MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1829.9MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1930.1MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+17			+17			+17
360.0	1520.0	8.28	10.1	1840.0	7.47	390.1	1540.0	8.63
343.3	1536.7	8.17	22.9	1852.8	7.20	380.4	1549.7	8.44
326.7	1553.3	8.09	35.7	1865.6	7.16	370.6	1559.5	8.26
310.0	1570.0	7.95	48.6	1878.5	7.16	360.9	1569.2	8.17
293.3	1586.7	7.88	61.4	1891.3	7.17	351.1	1579.0	8.10
276.7	1603.3	7.77	74.2	1904.1	7.17	341.4	1588.7	8.00
260.0	1620.0	7.70	87.0	1916.9	7.19	331.6	1598.5	7.95
243.3	1636.7	7.62	99.8	1929.7	7.22	321.9	1608.2	7.92
226.7	1653.3	7.57	112.7	1942.6	7.25	312.2	1617.9	7.86
210.0	1670.0	7.49	125.5	1955.4	7.25	302.4	1627.7	7.80
193.3	1686.7	7.43	138.3	1968.2	7.30	292.7	1637.4	7.76
176.7	1703.3	7.37	151.1	1981.0	7.31	282.9	1647.2	7.69
160.0	1720.0	7.35	163.9	1993.8	7.32	273.2	1656.9	7.64
143.3	1736.7	7.36	176.8	2006.7	7.37	263.4	1666.7	7.61
126.7	1753.3	7.31	189.6	2019.5	7.42	253.7	1676.4	7.59
110.0	1770.0	7.28	202.4	2032.3	7.45	243.9	1686.2	7.53
93.3	1786.7	7.26	215.2	2045.1	7.47	234.2	1695.9	7.53
76.7	1803.3	7.26	228.0	2057.9	7.52	224.5	1705.6	7.52
60.0	1820.0	7.26	240.9	2070.8	7.57	214.7	1715.4	7.47
43.3	1836.7	7.25	253.7	2083.6	7.60	205.0	1725.1	7.46
26.7	1853.3	7.24	266.5	2096.4	7.69	195.2	1734.9	7.46
10.0	1870.0	7.52	279.3	2109.2	7.81	185.5	1744.6	7.43
10.0	1890.0	7.54	292.2	2122.1	7.92	175.7	1754.4	7.40
33.3	1913.3	7.27	305.0	2134.9	8.01	166.0	1764.1	7.42
56.7	1936.7	7.29	317.8	2147.7	8.09	156.3	1773.8	7.40
80.0	1960.0	7.35	330.6	2160.5	8.15	146.5	1783.6	7.39
103.3	1983.3	7.35	343.4	2173.3	8.19	136.8	1793.3	7.42
126.7	2006.7	7.42	356.3	2186.2	8.33	127.0	1803.1	7.42
150.0	2030.0	7.46	369.1	2199.0	8.49	117.3	1812.8	7.36
173.3	2053.3	7.49	381.9	2211.8	8.60	107.5	1822.6	7.38
196.7	2076.7	7.56	394.7	2224.6	8.72	97.8	1832.3	7.41
220.0	2100.0	7.68	407.5	2237.4	8.79	88.0	1842.1	7.38
266.7	2146.7	7.94	420.4	2250.3	8.80	78.3	1851.8	7.40
290.0	2170.0	8.04	433.2	2263.1	8.83	68.6	1861.5	7.41
336.7	2216.7	8.48	446.0	2275.9	8.97	58.8	1871.3	7.38
360.0	2240.0	8.61	458.8	2288.7	9.16	49.1	1881.0	7.35
406.7	2286.7	8.92	471.6	2301.5	9.30	39.3	1890.8	7.38
430.0	2310.0	9.16	484.5	2314.4	9.46	29.6	1900.5	7.39
476.7	2356.7	9.42	497.3	2327.2	9.59	19.8	1910.3	7.38
500.0	2380.0	9.59	510.1	2340.0	9.61	10.1	1920.0	7.65

REV. X3

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Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)		
	+14	+17	+20	+14	+17	+20
1153.1	43.62	39.83	35.84	42.53	44.45	44.80
1193.1	44.13	41.00	39.30	41.15	41.64	39.59
1233.1	43.49	41.88	40.44	40.06	40.00	37.63
1273.1	43.91	42.80	41.02	39.43	39.21	36.41
1313.1	43.72	42.33	40.11	38.85	38.63	35.89
1353.1	38.11	41.26	38.31	37.97	38.19	35.36
1393.1	38.14	40.94	37.07	37.99	37.70	34.77
1433.1	37.61	39.65	37.29	37.81	37.57	35.89
1473.1	37.50	39.27	37.00	37.93	37.80	36.34
1513.1	38.63	38.96	36.71	38.16	38.96	38.59
1553.1	40.53	39.57	35.94	38.27	39.88	40.74
1593.1	41.17	37.78	36.21	37.90	39.10	39.77
1633.1	40.09	39.16	35.47	36.98	37.89	38.02
1673.1	39.48	36.87	34.43	34.40	37.14	37.06
1713.1	39.13	37.76	33.85	35.66	36.92	36.92
1753.1	38.49	37.02	32.82	35.62	36.89	37.19
1793.1	38.56	36.89	32.75	35.79	37.35	38.03
1833.1	39.20	36.90	33.94	36.25	38.22	39.36
1873.1	40.77	37.25	34.46	37.33	39.69	41.25
1913.1	42.07	37.40	34.80	37.91	40.26	42.07
1953.1	41.68	37.00	34.62	38.74	40.62	42.19
1993.1	41.78	37.86	35.78	39.69	41.10	42.23
2033.1	42.24	38.47	36.28	40.24	41.16	41.86
2073.1	43.08	39.66	37.58	40.10	40.65	41.00
2113.1	45.38	41.27	39.14	39.55	39.87	40.13
2153.1	46.78	42.59	40.33	39.03	39.36	39.57
2193.1	49.16	44.50	42.04	38.63	38.82	38.94
2233.1	49.39	45.89	43.70	38.45	38.51	38.72
2273.1	47.43	46.33	45.01	38.07	38.20	38.18
2313.1	46.06	46.21	45.92	37.78	38.03	37.85
2353.1	45.49	45.79	46.31	37.65	37.79	37.55
2393.1	45.08	45.45	46.67	37.32	37.48	37.15
2433.1	45.18	45.26	46.40	37.27	37.45	36.90
2473.1	45.57	45.73	46.70	36.94	37.11	36.23
2513.1	45.93	45.78	46.05	36.93	36.91	36.21
2553.1	47.11	46.68	46.70	36.89	36.68	35.69
2593.1	47.64	46.74	45.75	36.70	36.44	35.42
2643.1	49.26	48.09	46.13	36.38	36.02	35.01
2683.1	49.53	48.20	45.75	36.07	35.60	34.61
2733.1	49.50	48.64	46.46	35.65	35.00	34.24

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
		@LO (dBm)		
		+14	+17	+20
1320.1	1153.1	38.26	21.22	20.34
1360.1	1193.1	35.82	28.81	23.97
1400.1	1233.1	31.70	26.38	25.80
1440.1	1273.1	29.00	25.21	27.70
1480.1	1313.1	26.91	27.20	29.29
1520.1	1353.1	25.86	25.73	29.86
1560.1	1393.1	24.74	26.89	29.96
1600.1	1433.1	24.84	27.51	30.01
1640.1	1473.1	25.01	28.51	31.24
1680.1	1513.1	25.32	28.49	30.72
1720.1	1553.1	25.55	28.85	30.41
1760.1	1593.1	26.45	29.03	29.43
1800.1	1633.1	27.31	28.90	28.57
1840.1	1673.1	28.13	28.53	27.42
1880.1	1713.1	28.13	27.99	26.67
1920.1	1753.1	27.91	27.37	25.99
1960.1	1793.1	27.42	26.84	25.83
2000.1	1833.1	26.76	26.36	25.80
2040.1	1873.1	26.22	25.96	25.85
2080.1	1913.1	25.83	25.70	25.79
2120.1	1953.1	25.48	25.45	25.62
2160.1	1993.1	25.14	25.21	25.39
2200.1	2033.1	24.76	24.96	25.10
2240.1	2073.1	24.53	24.73	24.88
2280.1	2113.1	24.51	24.61	24.74
2320.1	2153.1	24.60	24.49	24.56
2360.1	2193.1	24.59	24.41	24.39
2400.1	2233.1	24.58	24.33	24.25
2440.1	2273.1	24.97	24.64	24.45
2480.1	2313.1	25.65	25.31	24.90
2520.1	2353.1	26.41	26.03	25.48
2560.1	2393.1	27.15	27.02	26.29
2600.1	2433.1	27.47	27.69	27.04
2640.1	2473.1	27.47	27.91	27.48
2680.1	2513.1	26.50	27.16	27.27
2720.1	2553.1	25.41	26.01	26.28
2760.1	2593.1	24.32	24.74	25.24
2810.1	2643.1	23.24	23.47	23.91
2850.1	2683.1	22.60	22.73	23.10
2900.1	2733.1	22.02	22.03	22.30

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=1920MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		+14	+17	+20		+14	+17	+20		+14	+17	+20
1320.1	1153.1	5.58	2.68	2.08	1153.1	13.81	11.69	7.97	10.0	1.24	1.39	1.56
1360.1	1193.1	5.49	2.82	2.28	1193.1	10.50	9.90	7.63	50.0	1.24	1.39	1.54
1400.1	1233.1	5.07	3.20	2.52	1233.1	9.85	10.89	7.14	90.0	1.29	1.43	1.57
1440.1	1273.1	4.98	3.21	2.52	1273.1	9.79	9.69	7.02	130.0	1.33	1.47	1.61
1480.1	1313.1	4.86	3.11	2.47	1313.1	8.43	10.19	6.49	170.0	1.38	1.48	1.60
1520.1	1353.1	4.92	3.02	2.39	1353.1	8.20	8.01	6.21	210.0	1.46	1.56	1.68
1560.1	1393.1	4.42	2.74	2.21	1393.1	7.56	7.66	5.85	250.0	1.49	1.54	1.64
1600.1	1433.1	4.26	2.66	2.12	1433.1	7.17	5.97	5.44	310.0	1.62	1.65	1.72
1640.1	1473.1	3.80	2.42	1.94	1473.1	7.41	6.03	5.07	350.0	1.73	1.74	1.80
1680.1	1513.1	3.47	2.22	1.79	1513.1	6.30	5.79	4.55	410.0	1.84	1.82	1.85
1720.1	1553.1	2.80	1.97	1.63	1553.1	6.32	3.95	4.19	450.0	1.97	1.91	1.92
1760.1	1593.1	2.56	1.80	1.50	1593.1	5.19	5.20	3.67	510.0	2.15	2.05	2.03
1800.1	1633.1	2.44	1.70	1.43	1633.1	4.73	3.74	3.16	550.0	2.30	2.19	2.15
1840.1	1673.1	2.18	1.58	1.35	1673.1	4.31	2.64	2.63	610.0	2.47	2.32	2.25
1880.1	1713.1	2.03	1.53	1.31	1713.1	3.24	2.20	2.10	650.0	2.63	2.46	2.37
1920.1	1753.1	1.82	1.45	1.27	1753.1	2.93	1.72	1.64	710.0	2.84	2.64	2.52
1960.1	1793.1	1.66	1.39	1.23	1793.1	2.42	1.33	1.28	750.0	2.93	2.71	2.57
2000.1	1833.1	1.53	1.32	1.20	1833.1	2.15	1.08	1.32	810.0	3.06	2.81	2.65
2040.1	1873.1	1.42	1.26	1.17	1873.1	2.12	1.48	1.74	850.0	3.14	2.89	2.71
2080.1	1913.1	1.34	1.20	1.14	1913.1	2.28	2.01	2.32	910.0	3.26	2.97	2.78
2120.1	1953.1	1.29	1.15	1.13	1953.1	2.95	2.93	3.09	950.0	3.17	2.89	2.70
2160.1	1993.1	1.24	1.11	1.13	1993.1	3.95	3.76	3.99	1010.0	3.22	2.92	2.73
2200.1	2033.1	1.23	1.08	1.13	2033.1	5.06	4.52	4.86	1050.0	3.20	2.90	2.71
2240.1	2073.1	1.20	1.06	1.17	2073.1	6.46	5.38	5.85	1110.0	3.20	2.91	2.72
2280.1	2113.1	1.23	1.04	1.17	2113.1	7.56	5.83	6.19	1150.0	3.10	2.82	2.63
2320.1	2153.1	1.22	1.03	1.19	2153.1	8.81	6.35	6.81	1210.0	3.01	2.76	2.59
2360.1	2193.1	1.23	1.04	1.20	2193.1	9.79	6.61	6.97	1250.0	3.01	2.76	2.60
2400.1	2233.1	1.25	1.06	1.22	2233.1	10.56	6.76	7.14	1310.0	2.83	2.61	2.47
2440.1	2273.1	1.23	1.11	1.28	2273.1	11.46	7.00	7.38	1350.0	2.71	2.50	2.37
2480.1	2313.1	1.29	1.13	1.27	2313.1	11.61	6.94	7.08	1410.0	2.50	2.33	2.20
2520.1	2353.1	1.29	1.20	1.36	2353.1	12.26	7.14	7.14	1450.0	2.45	2.30	2.18
2560.1	2393.1	1.35	1.26	1.43	2393.1	12.26	6.51	6.32	1510.0	2.23	2.10	2.00
2600.1	2433.1	1.42	1.34	1.50	2433.1	12.26	6.35	6.11	1550.0	2.08	1.96	1.88
2640.1	2473.1	1.49	1.45	1.61	2473.1	12.52	6.11	5.87	1610.0	1.90	1.80	1.74
2680.1	2513.1	1.62	1.55	1.67	2513.1	12.09	5.79	5.42	1650.0	1.79	1.72	1.69
2720.1	2553.1	1.74	1.68	1.81	2553.1	12.26	5.56	5.39	1710.0	1.59	1.57	1.57
2760.1	2593.1	1.88	1.80	1.89	2593.1	11.85	5.23	5.00	1750.0	1.47	1.48	1.52
2810.1	2643.1	2.10	2.01	2.08	2643.1	11.77	5.13	4.86	1810.0	1.33	1.42	1.52
2850.1	2683.1	2.28	2.17	2.21	2683.1	11.31	4.83	4.53	1850.0	1.26	1.41	1.56
2900.1	2733.1	2.54	2.39	2.42	2733.1	11.03	4.64	4.34	1910.0	1.23	1.42	1.58

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	9	25	16	35	32	38	49	49	46	49
1	-	20	+0	32	16	41	25	47	40	60	52	57
2	61	63	55	49	57	50	59	55	67	70	73	66
3	>90	71	64	>82	56	72	60	73	61	78	72	>82
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1880 MHz; -1.00 dBm.
LO IN: 1713 MHz; +17.00 dBm
IF OUT: 167 MHz; -8.43 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	32	28	50	42	47	57	53	55	56
1	-	19	+0	31	17	42	27	50	42	58	57	59
2	41	51	44	39	45	41	47	49	57	62	68	62
3	70	56	45	53	37	56	41	62	44	62	57	70
4	>90	68	82	72	66	57	63	60	69	60	71	80
5	>90	82	72	70	66	71	61	65	62	72	60	73
6	>90	>91	87	85	79	79	78	74	75	76	80	71
7	>90	>91	>91	>91	90	81	84	75	80	72	79	81
8	>90	>91	>91	>91	>91	>91	91	>91	82	>91	77	85
9	>90	>91	>91	>91	>91	>91	>91	>91	>91	86	>91	83
10	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1880 MHz; 9.00 dBm.
LO IN: 1713 MHz; +17.00 dBm
IF OUT: 167 MHz; 1.48 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.