

Frequency Mixer

AMCY-ED12641/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=169MHz (dB)			RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm)			RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=+15dBm (dB)		
		@LO (dBm)					@LO (dBm)					@LO (dBm)		
		-1	+2	+5			-1	+2	+5			-1	+2	+5
690.00	521.00	10.33	11.00	11.76	690.00	521.00	26.83	22.50	26.81	690.00	521.00	0.36	0.35	0.08
750.00	581.00	9.71	10.12	9.85	750.00	581.00	27.65	27.08	24.99	750.00	581.00	0.24	0.35	0.40
810.00	641.00	9.27	9.34	9.56	810.00	641.00	26.54	24.17	27.35	810.00	641.00	0.41	0.49	0.37
870.00	701.00	9.05	9.20	9.35	870.00	701.00	29.65	29.22	31.48	870.00	701.00	0.30	0.27	0.24
930.00	761.00	9.05	9.36	9.81	930.00	761.00	37.65	36.36	30.60	930.00	761.00	0.21	0.23	0.26
990.00	821.00	9.10	9.63	10.81	990.00	821.00	30.24	28.75	28.40	990.00	821.00	0.23	0.21	0.02
1050.00	881.00	9.28	9.67	10.68	1050.00	881.00	27.49	27.66	28.23	1050.00	881.00	0.34	0.26	-0.01
1110.00	941.00	9.74	9.90	10.43	1110.00	941.00	27.94	27.65	36.09	1110.00	941.00	0.23	0.20	0.10
1170.00	1001.00	9.68	9.96	11.52	1170.00	1001.00	28.47	24.24	23.96	1170.00	1001.00	0.48	0.77	0.57
1230.00	1061.00	9.47	9.79	10.52	1230.00	1061.00	24.66	22.69	24.91	1230.00	1061.00	0.40	0.45	0.28
1290.00	1121.00	9.01	8.99	9.39	1290.00	1121.00	28.35	30.18	28.06	1290.00	1121.00	0.17	0.22	0.19
1350.00	1181.00	8.63	8.50	8.58	1350.00	1181.00	29.30	28.66	26.82	1350.00	1181.00	0.03	-0.01	-0.03
1410.00	1241.00	8.49	8.35	8.35	1410.00	1241.00	31.25	31.80	31.62	1410.00	1241.00	0.04	-0.01	-0.01
1470.00	1301.00	8.49	8.33	8.35	1470.00	1301.00	28.46	30.41	35.02	1470.00	1301.00	0.13	0.10	0.10
1530.00	1361.00	8.25	8.09	8.10	1530.00	1361.00	27.10	26.49	25.51	1530.00	1361.00	0.29	0.27	0.31
1590.00	1421.00	8.00	7.89	7.91	1590.00	1421.00	28.05	28.79	27.95	1590.00	1421.00	0.42	0.34	0.37
1630.00	1461.00	7.82	7.72	7.75	1630.00	1461.00	28.79	29.86	29.14	1630.00	1461.00	0.35	0.29	0.30
1690.00	1521.00	7.64	7.56	7.57	1690.00	1521.00	28.27	28.33	27.49	1690.00	1521.00	0.22	0.22	0.25
1730.00	1561.00	7.83	7.83	7.85	1730.00	1561.00	27.45	28.04	27.90	1730.00	1561.00	0.10	0.11	0.14
1790.00	1621.00	7.73	7.76	7.79	1790.00	1621.00	27.87	29.79	29.64	1790.00	1621.00	0.06	0.05	0.06
1830.00	1661.00	7.73	7.75	7.76	1830.00	1661.00	28.99	30.96	30.84	1830.00	1661.00	0.10	0.08	0.09
1890.00	1721.00	7.86	7.88	7.89	1890.00	1721.00	30.91	32.94	32.26	1890.00	1721.00	0.14	0.10	0.10
1930.00	1761.00	8.15	8.18	8.19	1930.00	1761.00	32.32	33.15	32.91	1930.00	1761.00	0.14	0.11	0.11
1990.00	1821.00	8.16	8.16	8.16	1990.00	1821.00	33.66	34.89	35.60	1990.00	1821.00	0.13	0.11	0.10
2030.00	1861.00	8.03	8.02	8.02	2030.00	1861.00	32.08	33.88	34.20	2030.00	1861.00	0.13	0.11	0.11
2090.00	1921.00	7.67	7.66	7.66	2090.00	1921.00	28.78	30.51	31.36	2090.00	1921.00	0.17	0.13	0.12
2130.00	1961.00	7.56	7.56	7.57	2130.00	1961.00	27.85	29.25	29.36	2130.00	1961.00	0.20	0.14	0.11
2190.00	2021.00	7.68	7.66	7.65	2190.00	2021.00	26.63	28.15	28.54	2190.00	2021.00	0.14	0.08	0.06
2230.00	2061.00	7.91	7.87	7.87	2230.00	2061.00	27.04	28.91	29.58	2230.00	2061.00	0.11	0.07	0.05
2290.00	2121.00	7.93	7.84	7.83	2290.00	2121.00	28.94	29.84	30.42	2290.00	2121.00	0.15	0.13	0.10
2330.00	2161.00	8.06	7.92	7.89	2330.00	2161.00	31.10	30.73	32.03	2330.00	2161.00	0.22	0.21	0.20
2390.00	2221.00	8.18	7.95	7.87	2390.00	2221.00	28.46	28.93	29.57	2390.00	2221.00	0.30	0.31	0.30
2430.00	2261.00	8.60	8.33	8.23	2430.00	2261.00	28.09	29.20	30.43	2430.00	2261.00	0.24	0.28	0.26
2490.00	2321.00	8.94	8.52	8.34	2490.00	2321.00	27.49	29.34	30.62	2490.00	2321.00	0.07	0.20	0.22
2530.00	2361.00	9.66	9.17	8.89	2530.00	2361.00	26.45	30.88	31.45	2530.00	2361.00	-0.06	0.10	0.17
2590.00	2421.00	10.21	9.72	9.40	2590.00	2421.00	25.50	25.51	28.36	2590.00	2421.00	-0.05	0.09	0.15
2630.00	2461.00	10.78	10.27	10.00	2630.00	2461.00	25.39	24.83	25.85	2630.00	2461.00	0.12	0.21	0.21
2690.00	2521.00	11.08	10.58	10.29	2690.00	2521.00	24.49	24.73	25.67	2690.00	2521.00	0.29	0.30	0.26
2730.00	2561.00	11.63	11.11	10.77	2730.00	2561.00	25.27	25.67	26.59	2730.00	2561.00	0.26	0.27	0.26
2790.00	2621.00	11.83	11.24	10.83	2790.00	2621.00	23.93	24.62	25.35	2790.00	2621.00	0.26	0.31	0.34

Frequency Mixer

AMCY-ED12641/1

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1882MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1850MHz (dB)	IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=1915MHz (dB)
		@LO (dBm)			@LO (dBm)			@LO (dBm)
		+2			+2			+2
1209.90	672.10	10.45	10.10	1860.10	7.67	1210.00	705.00	10.63
1136.44	745.56	10.71	30.10	1880.10	7.73	1170.00	745.00	10.98
1062.97	819.03	11.14	50.10	1900.10	7.56	1130.00	785.00	11.20
989.51	892.49	11.22	70.10	1920.10	7.45	1090.00	825.00	11.23
916.05	965.95	9.78	90.10	1940.10	7.39	1050.00	865.00	11.03
842.58	1039.42	10.18	110.10	1960.10	7.30	1030.00	885.00	11.13
793.61	1088.39	9.45	130.10	1980.10	7.30	990.00	925.00	10.70
720.14	1161.86	9.05	150.10	2000.10	7.25	970.00	945.00	10.27
671.17	1210.83	8.68	170.10	2020.10	7.28	930.00	985.00	9.89
597.71	1284.29	8.10	190.10	2040.10	7.31	910.00	1005.00	10.21
548.73	1333.27	7.65	210.10	2060.10	7.42	870.00	1045.00	10.24
475.27	1406.73	7.18	230.10	2080.10	7.53	850.00	1065.00	10.03
426.29	1455.71	6.97	250.10	2100.10	7.63	810.00	1105.00	9.40
352.83	1529.17	7.00	270.10	2120.10	7.76	790.00	1125.00	9.29
303.85	1578.15	7.35	290.10	2140.10	7.90	750.00	1165.00	9.22
230.39	1651.61	7.61	310.10	2160.10	8.12	730.00	1185.00	9.08
181.41	1700.59	7.77	330.10	2180.10	8.26	690.00	1225.00	8.72
107.95	1774.05	8.19	350.10	2200.10	8.44	670.00	1245.00	8.59
58.98	1823.02	7.97	370.10	2220.10	8.58	630.00	1285.00	8.21
10.00	1892.00	7.44	390.10	2240.10	8.73	610.00	1305.00	8.01
41.20	1923.20	7.31	410.10	2260.10	8.75	570.00	1345.00	7.69
88.01	1970.01	7.14	430.10	2280.10	8.85	550.00	1365.00	7.51
119.21	2001.21	7.10	450.10	2300.10	8.88	510.00	1405.00	7.20
166.02	2048.02	7.13	470.10	2320.10	8.90	490.00	1425.00	7.16
197.22	2079.22	7.29	490.10	2340.10	8.96	450.00	1465.00	7.04
244.03	2126.03	7.59	510.10	2360.10	8.99	430.00	1485.00	6.98
275.23	2157.23	7.86	530.10	2380.10	9.08	390.00	1525.00	6.96
322.04	2204.04	8.26	550.10	2400.10	9.15	370.00	1545.00	7.12
353.24	2235.24	8.50	570.10	2420.10	9.27	330.00	1585.00	7.34
400.05	2282.05	8.65	590.10	2440.10	9.31	310.00	1605.00	7.38
431.25	2313.25	8.71	610.10	2460.10	9.38	270.00	1645.00	7.47
478.06	2360.06	8.80	630.10	2480.10	9.48	250.00	1665.00	7.60
509.26	2391.26	8.87	650.10	2500.10	9.60	210.00	1705.00	7.74
556.07	2438.07	9.05	670.10	2520.10	9.72	190.00	1725.00	7.82
587.27	2469.27	9.10	690.10	2540.10	9.84	150.00	1765.00	8.14
634.08	2516.08	9.34	710.10	2560.10	10.00	130.00	1785.00	8.22
665.28	2547.28	9.57	730.10	2580.10	10.16	90.00	1825.00	7.99
712.09	2594.09	9.94	750.10	2600.10	10.40	70.00	1845.00	7.81
743.29	2625.29	10.38	790.10	2640.10	10.92	30.00	1885.00	7.55
790.10	2672.10	10.90	810.10	2660.10	11.15	10.00	1905.00	7.30

Frequency Mixer

AMCY-ED12641/1

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)			RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB)		
	@LO (dBm)			@LO (dBm)					@LO (dBm)		
	-1	+2	+5	-1	+2	+5			-1	+2	+5
521.00	30.12	32.57	34.91	21.21	24.05	29.68	690.00	521.0	25.34	22.19	20.46
581.00	26.83	27.42	30.11	18.26	20.79	23.92	750.00	581.0	28.85	27.08	26.23
641.00	21.17	24.33	26.61	16.25	18.89	21.82	810.00	641.0	30.96	30.53	30.58
701.00	19.92	22.75	26.95	16.12	18.67	22.21	870.00	701.0	32.46	30.48	27.18
761.00	19.62	20.79	23.26	14.68	16.59	20.10	930.00	761.0	26.44	23.32	22.00
821.00	17.83	18.78	20.55	13.79	16.51	20.75	990.00	821.0	23.61	22.85	25.45
881.00	17.81	19.28	21.71	13.35	15.60	18.05	1050.00	881.0	23.37	24.44	28.19
941.00	22.55	22.37	23.55	11.40	12.53	13.90	1110.00	941.0	20.06	20.10	21.13
1001.00	19.71	20.06	21.14	19.00	19.36	19.88	1170.00	1001.0	18.02	17.72	18.51
1061.00	15.94	16.93	19.33	30.67	31.52	33.67	1230.00	1061.0	20.94	20.18	20.16
1121.00	14.38	15.44	17.83	24.12	27.47	31.36	1290.00	1121.0	23.80	23.68	22.88
1181.00	14.21	15.13	17.32	22.83	26.73	30.78	1350.00	1181.0	25.88	25.94	25.72
1241.00	14.61	16.24	19.33	25.21	32.27	40.64	1410.00	1241.0	26.11	26.15	25.93
1301.00	13.75	14.99	17.65	44.59	32.79	29.80	1470.00	1301.0	25.40	25.24	24.92
1361.00	13.41	14.38	16.50	22.52	22.35	23.42	1530.00	1361.0	25.09	24.74	24.15
1421.00	13.58	15.02	17.16	18.72	19.92	21.89	1590.00	1421.0	25.74	25.92	25.50
1461.00	13.80	15.75	18.27	18.78	20.68	22.83	1630.00	1461.0	25.63	25.68	25.45
1521.00	12.93	15.15	17.88	19.59	23.43	26.44	1690.00	1521.0	24.12	23.94	23.26
1561.00	12.85	15.29	17.89	16.72	20.08	23.69	1730.00	1561.0	23.89	24.01	23.18
1621.00	13.44	16.12	19.01	13.01	16.14	19.95	1790.00	1621.0	25.27	25.79	25.12
1661.00	14.31	17.04	20.22	11.41	14.61	18.43	1830.00	1661.0	25.82	26.27	25.60
1721.00	17.96	20.69	24.17	11.29	14.51	17.82	1890.00	1721.0	26.75	27.20	26.67
1761.00	26.92	28.77	31.77	14.04	17.13	19.80	1930.00	1761.0	26.36	26.61	26.20
1821.00	22.95	23.80	26.55	17.47	19.79	21.87	1990.00	1821.0	29.24	30.02	29.99
1861.00	20.66	22.19	25.25	21.47	24.59	26.42	2030.00	1861.0	29.44	30.19	30.39
1921.00	22.72	26.01	30.00	23.40	26.47	29.57	2090.00	1921.0	30.20	31.28	31.95
1961.00	22.75	25.24	28.33	26.44	32.92	43.00	2130.00	1961.0	31.91	32.97	33.74
2021.00	23.54	25.87	28.04	24.78	29.33	33.48	2190.00	2021.0	36.61	36.97	37.02
2061.00	21.50	23.39	25.33	23.21	27.12	31.98	2230.00	2061.0	39.19	39.36	38.96
2121.00	17.44	18.71	20.07	19.68	21.96	25.46	2290.00	2121.0	42.86	42.55	42.70
2161.00	17.94	19.84	21.33	18.50	20.00	22.64	2330.00	2161.0	44.57	42.38	42.98
2221.00	19.00	21.83	24.65	18.61	19.71	21.45	2390.00	2221.0	45.74	40.71	39.60
2261.00	19.58	22.73	25.70	18.67	19.84	21.21	2430.00	2261.0	46.75	40.66	38.24
2321.00	19.81	23.32	26.31	18.64	20.08	21.43	2490.00	2321.0	44.46	40.11	37.50
2361.00	19.63	23.82	27.59	18.25	20.05	21.58	2530.00	2361.0	43.37	39.74	37.30
2421.00	19.18	23.33	28.10	17.48	19.51	21.34	2590.00	2421.0	42.02	38.84	36.18
2461.00	18.93	22.71	27.17	16.94	18.85	20.76	2630.00	2461.0	40.76	38.06	35.89
2521.00	19.67	22.92	26.48	16.61	18.25	19.89	2690.00	2521.0	38.33	36.38	34.85
2561.00	19.94	23.15	26.67	16.32	17.82	19.35	2730.00	2561.0	36.71	35.07	33.73
2621.00	22.30	25.24	28.45	16.65	17.88	19.13	2790.00	2621.0	34.64	33.31	32.21

Frequency Mixer

AMCY-ED12641/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1)			LO (MHz)	LO VSWR (:1)			IF (OUT) (MHz)	IF VSWR @LO=1741MHz (:1)		
		@LO (dBm)				@LO (dBm)				@LO (dBm)		
		-1	+2	+5		-1	+2	+5		-1	+2	+5
690.0	521.0	5.20	5.52	5.59	521.0	2.69	2.75	2.88	10.0	1.85	1.93	1.93
750.0	581.0	5.19	5.49	5.30	581.0	2.26	2.31	2.40	50.0	1.80	1.87	1.88
810.0	641.0	5.10	5.17	5.28	641.0	2.04	2.11	2.22	90.0	1.79	1.87	1.87
870.0	701.0	5.33	5.49	5.49	701.0	2.01	2.03	2.05	130.0	1.70	1.77	1.77
930.0	761.0	5.10	5.17	5.14	761.0	1.95	1.93	1.88	170.0	1.65	1.71	1.71
990.0	821.0	4.99	4.93	4.60	821.0	1.77	1.70	1.64	210.0	1.56	1.61	1.61
1050.0	881.0	4.74	4.67	4.37	881.0	1.61	1.54	1.51	250.0	1.49	1.53	1.53
1110.0	941.0	4.41	4.37	4.28	941.0	1.51	1.46	1.45	290.0	1.40	1.43	1.43
1170.0	1001.0	4.67	4.54	4.09	1001.0	1.45	1.42	1.42	330.0	1.32	1.34	1.34
1230.0	1061.0	4.40	4.18	3.95	1061.0	1.38	1.37	1.38	370.0	1.28	1.28	1.29
1290.0	1121.0	4.21	4.11	4.03	1121.0	1.32	1.32	1.34	410.0	1.27	1.25	1.25
1350.0	1181.0	3.99	3.91	3.93	1181.0	1.24	1.24	1.27	450.0	1.29	1.26	1.26
1410.0	1241.0	3.74	3.65	3.67	1241.0	1.15	1.16	1.21	490.0	1.30	1.27	1.26
1470.0	1301.0	3.49	3.40	3.42	1301.0	1.07	1.10	1.18	530.0	1.34	1.31	1.31
1530.0	1361.0	3.11	2.99	3.01	1361.0	1.01	1.07	1.17	570.0	1.36	1.33	1.33
1590.0	1421.0	2.76	2.56	2.52	1421.0	1.10	1.13	1.20	590.0	1.38	1.35	1.34
1630.0	1461.0	2.61	2.42	2.35	1461.0	1.16	1.18	1.23	630.0	1.38	1.35	1.35
1690.0	1521.0	2.34	2.22	2.20	1521.0	1.24	1.25	1.28	650.0	1.37	1.34	1.34
1730.0	1561.0	1.96	1.86	1.85	1561.0	1.32	1.32	1.32	690.0	1.35	1.32	1.32
1790.0	1621.0	1.64	1.59	1.59	1621.0	1.44	1.44	1.39	710.0	1.34	1.31	1.31
1830.0	1661.0	1.52	1.49	1.49	1661.0	1.51	1.53	1.47	750.0	1.25	1.23	1.23
1890.0	1721.0	1.49	1.50	1.50	1721.0	1.55	1.60	1.53	770.0	1.22	1.19	1.19
1930.0	1761.0	1.55	1.57	1.57	1761.0	1.56	1.61	1.55	810.0	1.17	1.16	1.16
1990.0	1821.0	1.51	1.53	1.54	1821.0	1.54	1.59	1.53	830.0	1.16	1.16	1.15
2030.0	1861.0	1.51	1.53	1.54	1861.0	1.51	1.55	1.50	870.0	1.21	1.21	1.21
2090.0	1921.0	1.48	1.52	1.52	1921.0	1.42	1.44	1.42	890.0	1.30	1.30	1.30
2130.0	1961.0	1.49	1.53	1.54	1961.0	1.37	1.38	1.36	930.0	1.45	1.46	1.46
2190.0	2021.0	1.51	1.57	1.58	2021.0	1.31	1.29	1.27	950.0	1.50	1.51	1.51
2230.0	2061.0	1.58	1.64	1.65	2061.0	1.31	1.28	1.24	990.0	1.62	1.63	1.63
2290.0	2121.0	1.60	1.65	1.67	2121.0	1.35	1.28	1.21	1010.0	1.68	1.69	1.69
2330.0	2161.0	1.67	1.72	1.74	2161.0	1.42	1.34	1.24	1050.0	1.83	1.85	1.85
2390.0	2221.0	1.81	1.87	1.90	2221.0	1.49	1.40	1.30	1070.0	1.93	1.95	1.95
2430.0	2261.0	1.99	2.03	2.07	2261.0	1.55	1.46	1.35	1110.0	2.13	2.15	2.15
2490.0	2321.0	2.31	2.33	2.36	2321.0	1.61	1.50	1.37	1130.0	2.24	2.26	2.26
2530.0	2361.0	2.65	2.65	2.66	2361.0	1.67	1.54	1.38	1170.0	2.49	2.51	2.51
2590.0	2421.0	3.04	3.02	3.01	2421.0	1.71	1.54	1.36	1190.0	2.62	2.64	2.63
2630.0	2461.0	3.42	3.40	3.38	2461.0	1.74	1.54	1.34	1230.0	2.82	2.84	2.84
2690.0	2521.0	3.86	3.84	3.82	2521.0	1.78	1.54	1.33	1250.0	2.95	2.97	2.96
2730.0	2561.0	4.24	4.21	4.17	2561.0	1.83	1.58	1.34	1290.0	3.17	3.19	3.19
2790.0	2621.0	4.54	4.48	4.43	2621.0	1.87	1.62	1.38	1310.0	3.27	3.30	3.30

Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	15	10	39	27	20	28	38	44	36
1	-	20	+0	24	30	34	43	47	40	32	57	56
2	58	61	55	52	57	69	62	70	69	60	>82	75
3	>90	80	73	>82	65	75	>82	81	>82	>82	>82	77
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; 0.00 dBm.

LO IN: 1711 MHz; +2.00 dBm

IF OUT: 169 MHz; -7.79 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	25	20	58	38	32	38	50	55	47
1	-	19	+0	24	31	35	44	49	41	34	57	59
2	38	51	46	42	48	59	53	59	61	52	63	68
3	65	59	53	68	44	57	68	60	73	64	68	60
4	90	70	75	71	78	66	70	>92	85	78	77	90
5	>90	>92	86	83	82	91	72	79	87	88	91	>92
6	>90	>92	>92	>92	>92	>92	>92	86	85	>92	>92	>92
7	>90	>92	87	>92	>92	>92	>92	>92	83	85	>92	>92
8	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
9	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
10	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1880 MHz; 10.00 dBm.

LO IN: 1711 MHz; +2.00 dBm

IF OUT: 169 MHz; 2.2 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.

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