Frequency Mixer SKY-ED6905/1

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	CONVERSION LOSS IF FIXED @IF(OUT)=30MHz (dB) @LO (dBm)		
		+4	+7	+10
1780.1	1810.1	15.12	10.27	8.34
1940.1	1970.1	12.47	8.54	7.29
2100.1	2130.1	8.94	7.07	6.52
2260.1	2290.1	7.51	6.32	5.94
2420.1	2450.1	6.28	5.54	5.30
2580.1	2610.1	5.80	5.31	5.08
2740.1	2770.1	5.54	5.15	4.95
2900.1	2930.1	5.25	4.95	4.80
3060.1	3090.1	5.27	5.03	4.91
3240.1	3270.1	5.56	5.33	5.22
3400.1	3430.1	5.65	5.45	5.37
3580.1	3610.1	5.81	5.55	5.43
3740.1	3770.1	6.27	5.93	5.73
3920.1	3950.1	6.42	6.10	5.86
4080.1	4110.1	6.33	6.05	5.84
4260.1	4290.1	6.29	6.05	5.86
4420.1	4450.1	6.38	6.15	6.01
4600.1	4630.1	6.41	6.15	5.99
4760.1	4790.1	6.32	6.10	6.00
4940.1	4970.1	7.11	6.72	6.52
5100.1	5130.1	7.56	7.14	6.87
5280.1	5310.1	7.47	7.22	7.05
5440.1	5470.1	7.24	7.01	6.94
5620.1	5650.1	7.50	7.13	6.94
5780.1	5810.1	7.98	7.51	7.18
5960.1	5990.1	7.70	7.28	7.03
6120.1	6150.1	7.40	7.02	6.85
6300.1	6330.1	7.17	6.74	6.63
6460.1	6490.1	7.12	6.52	6.41
6640.1	6670.1	7.17	6.38	6.29
6800.1	6830.1	7.48	6.32	6.22
6980.1	7010.1	7.93	6.21	6.03
7140.1	7170.1	7.40	6.12	5.92
7320.1	7350.1	7.38	5.98	5.77
7480.1	7510.1	7.62	6.09	5.93
7660.1	7690.1	7.81	6.38	6.23
7820.1	7850.1	7.97	6.91	6.81
8000.1	8030.1	8.72	7.84	7.75
8160.1	8190.1	9.63	8.89	8.70
8340.1	8370.1	10.53	9.87	9.70

RF (IN) (MHz)	LO (MHz)	IP3 INPUT (dBm) @LO (dBm)		
		+4	+7	+10
1780.1	1810.1	-0.44	7.48	8.69
1940.1	1970.1	1.77	7.96	8.47
2100.1	2130.1	7.95	8.14	7.92
2260.1	2290.1	8.72	9.09	9.22
2420.1	2450.1	7.53	8.28	8.68
2580.1	2610.1	8.18	8.44	9.03
2740.1	2770.1	9.45	8.92	9.12
2900.1	2930.1	9.41	9.17	9.11
3060.1	3090.1	11.68	11.39	10.39
3240.1	3270.1	10.84	11.31	11.42
3400.1	3430.1	9.78	10.10	9.99
3580.1	3610.1	8.59	8.82	7.93
3740.1	3770.1	9.49	10.86	10.70
3920.1	3950.1	8.12	8.80	9.24
4080.1	4110.1	8.37	8.57	9.21
4260.1	4290.1	10.02	10.72	11.18
4420.1	4450.1	10.42	11.26	13.15
4600.1	4630.1	12.24	13.66	14.74
4760.1	4790.1	12.77	16.10	18.31
4940.1	4970.1	12.81	12.35	13.55
5100.1	5130.1	10.85	10.64	11.57
5280.1	5310.1	11.90	9.97	9.69
5440.1	5470.1	15.46	13.83	12.72
5620.1	5650.1	15.84	16.45	14.02
5780.1	5810.1	17.74	15.09	10.72
5960.1	5990.1	9.80	9.76	6.79
6120.1	6150.1	8.91	9.08	6.41
6300.1	6330.1	7.75	8.99	6.45
6460.1	6490.1	5.90	9.07	6.50
6640.1	6670.1	4.84	8.23	5.82
6800.1	6830.1	3.69	7.00	5.76
6980.1	7010.1	2.77	5.24	5.72
7140.1	7170.1	2.90	5.06	6.11
7320.1	7350.1	3.37	6.13	7.31
7480.1	7510.1	5.58	7.50	8.26
7660.1	7690.1	9.81	9.95	10.57
7820.1	7850.1	11.36	11.45	12.17
8000.1	8030.1	13.02	12.78	14.14
8160.1	8190.1	15.65	13.90	15.36
8340.1	8370.1	15.35	14.58	15.95

RF (IN) (MHz)	LO (MHz)	COMPRESSION @RF IN=0dBm (dB) @LO (dBm)		
		+4	+7	+10
1780.1	1810.1	-2.31	0.37	0.81
1940.1	1970.1	-1.12	0.98	1.00
2100.1	2130.1	0.83	1.27	1.10
2260.1	2290.1	1.34	1.41	1.30
2420.1	2450.1	1.57	1.52	1.47
2580.1	2610.1	1.27	1.19	1.24
2740.1	2770.1	1.29	1.16	1.14
2900.1	2930.1	1.38	1.17	1.12
3060.1	3090.1	1.15	0.97	0.93
3240.1	3270.1	0.95	0.79	0.74
3400.1	3430.1	0.94	0.82	0.82
3580.1	3610.1	0.79	0.75	0.82
3740.1	3770.1	0.51	0.50	0.60
3920.1	3950.1	0.54	0.45	0.47
4080.1	4110.1	0.59	0.44	0.43
4260.1	4290.1	0.52	0.40	0.40
4420.1	4450.1	0.47	0.33	0.32
4600.1	4630.1	0.51	0.31	0.25
4760.1	4790.1	0.61	0.33	0.24
4940.1	4970.1	0.57	0.43	0.38
5100.1	5130.1	0.32	0.31	0.34
5280.1	5310.1	0.26	0.15	0.21
5440.1	5470.1	0.44	0.29	0.26
5620.1	5650.1	0.54	0.47	0.51
5780.1	5810.1	0.49	0.56	0.76
5960.1	5990.1	0.54	0.59	0.81
6120.1	6150.1	0.63	0.62	0.78
6300.1	6330.1	0.84	0.73	0.81
6460.1	6490.1	0.99	0.83	0.86
6640.1	6670.1	1.05	0.89	0.84
6800.1	6830.1	1.02	0.95	0.81
6980.1	7010.1	0.89	0.98	0.77
7140.1	7170.1	0.99	0.84	0.70
7320.1	7350.1	0.98	0.89	0.78
7480.1	7510.1	1.06	1.02	0.82
7660.1	7690.1	1.01	0.98	0.85
7820.1	7850.1	0.93	0.78	0.67
8000.1	8030.1	0.60	0.46	0.41
8160.1	8190.1	0.32	0.25	0.26
8340.1	8370.1	0.22	0.17	0.18

Typical Performance Data

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=4850MHz (dB) @LO (dBm) +7
2750.0	2100.0	10.20
2609.0	2241.0	9.22
2467.9	2382.1	8.16
2326.9	2523.1	7.67
2185.9	2664.1	6.98
2044.9	2805.1	6.66
1903.8	2946.2	6.46
1762.8	3087.2	6.58
1621.8	3228.2	6.70
1480.7	3369.3	6.91
1339.7	3510.3	6.91
1198.7	3651.3	6.70
1057.6	3792.4	6.39
916.6	3933.4	6.28
775.6	4074.4	6.06
634.6	4215.4	6.08
493.5	4356.5	6.09
352.5	4497.5	6.17
211.5	4638.5	6.23
70.4	4779.6	6.32
69.6	4919.6	6.39
208.5	5058.5	6.94
347.5	5197.5	7.28
486.5	5336.5	6.86
625.5	5475.5	6.53
764.5	5614.5	6.74
903.4	5753.4	6.92
1042.4	5892.4	7.21
1181.4	6031.4	7.47
1320.4	6170.4	7.97
1459.3	6309.3	7.91
1598.3	6448.3	7.94
1737.3	6587.3	8.14
1876.3	6726.3	8.40
2015.3	6865.3	8.63
2154.2	7004.2	9.05
2293.2	7143.2	9.13
2432.2	7282.2	9.41
2591.0	7441.0	9.72
2730.0	7580.0	10.15

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=2039.9MHz (dB) @LO (dBm) +7
10.1	2050.0	7.83
90.1	2130.0	7.25
170.1	2210.0	7.02
250.1	2290.0	6.92
330.1	2370.0	6.80
410.1	2450.0	6.71
490.1	2530.0	6.74
570.1	2610.0	6.75
650.1	2690.0	6.71
730.1	2770.0	6.85
810.1	2850.0	6.93
890.1	2930.0	6.98
970.1	3010.0	7.04
1050.1	3090.0	7.09
1130.1	3170.0	7.33
1210.1	3250.0	7.56
1290.1	3330.0	7.55
1370.1	3410.0	7.56
1450.1	3490.0	7.56
1530.1	3570.0	7.60
1610.1	3650.0	7.61
1670.1	3710.0	7.56
1750.1	3790.0	7.44
1810.1	3850.0	7.36
1890.1	3930.0	7.28
1950.1	3990.0	7.32
2030.1	4070.0	7.61
2090.1	4130.0	7.79
2170.1	4210.0	7.94
2230.1	4270.0	8.07
2310.1	4350.0	8.16
2370.1	4410.0	8.20
2450.1	4490.0	8.24
2510.1	4550.0	8.56
2590.1	4630.0	9.12
2650.1	4690.0	9.51
2730.1	4770.0	9.66
2790.1	4830.0	9.69
2870.1	4910.0	10.08
2930.1	4970.0	10.58

IF (OUT) (MHz)	LO (MHz)	CONVERSION LOSS VS. IF FREQUENCY @RF(IN)=7660.1MHz (dB) @LO (dBm) +7
2910.1	4750.0	10.65
2830.1	4830.0	10.24
2750.1	4910.0	9.57
2670.1	4990.0	8.87
2590.1	5070.0	8.37
2510.1	5150.0	7.94
2430.1	5230.0	7.83
2350.1	5310.0	8.04
2270.1	5390.0	8.17
2190.1	5470.0	8.20
2110.1	5550.0	8.22
2030.1	5630.0	8.26
1950.1	5710.0	8.22
1870.1	5790.0	8.05
1790.1	5870.0	7.82
1710.1	5950.0	7.71
1630.1	6030.0	7.75
1550.1	6110.0	7.71
1470.1	6190.0	7.43
1410.1	6250.0	7.24
1330.1	6330.0	6.96
1270.1	6390.0	6.79
1190.1	6470.0	6.74
1130.1	6530.0	6.67
1050.1	6610.0	6.77
990.1	6670.0	6.82
910.1	6750.0	6.80
850.1	6810.0	6.90
770.1	6890.0	6.94
710.1	6950.0	6.91
630.1	7030.0	6.97
570.1	7090.0	7.03
490.1	7170.0	7.03
430.1	7230.0	7.02
350.1	7310.0	7.07
290.1	7370.0	6.92
210.1	7450.0	6.85
150.1	7510.0	6.80
70.1	7590.0	6.61
10.1	7650.0	6.67

Typical Performance Data

LO (MHz)	LO-RF ISOLATION (dB) @LO (dBm)			LO-IF ISOLATION (dB) @LO (dBm)		
	+4	+7	+10	+4	+7	+10
1810.1	25.98	25.53	24.33	11.63	12.78	14.87
1970.1	25.74	25.72	24.54	11.20	13.11	15.85
2130.1	26.54	26.10	25.58	12.16	15.43	19.01
2290.1	27.24	27.21	26.83	13.56	17.73	21.82
2450.1	27.39	26.89	26.69	15.33	19.29	21.56
2610.1	27.43	27.10	26.62	17.46	19.31	19.13
2770.1	26.63	26.69	26.79	16.38	16.81	16.57
2930.1	25.08	25.24	25.65	15.38	15.16	14.85
3090.1	23.97	24.41	24.70	14.31	14.10	13.65
3270.1	22.85	23.28	23.73	14.21	13.54	13.06
3430.1	22.11	22.36	22.73	14.08	13.24	12.73
3610.1	22.99	23.13	23.50	14.32	13.41	12.79
3770.1	23.51	23.64	23.83	14.43	13.36	12.77
3950.1	24.31	24.57	24.46	14.31	13.63	12.80
4110.1	25.72	25.97	25.66	14.62	13.84	13.02
4290.1	27.74	27.68	27.25	15.16	14.33	13.63
4450.1	29.61	29.17	28.24	15.91	15.08	14.20
4630.1	28.14	27.33	26.95	17.09	16.00	15.33
4790.1	28.80	27.01	25.88	18.04	16.77	16.08
4970.1	27.48	25.60	24.52	19.29	17.76	16.99
5130.1	26.90	25.24	24.20	20.78	19.03	18.12
5310.1	26.51	24.51	23.03	22.27	20.48	19.13
5470.1	25.94	24.40	23.37	23.33	21.56	20.47
5650.1	25.55	24.55	23.42	24.61	22.88	21.59
5810.1	26.61	26.38	25.61	25.54	24.20	23.14
5990.1	27.19	27.57	26.98	26.21	25.12	23.95
6150.1	26.28	27.00	26.50	26.38	25.37	24.21
6330.1	24.82	25.17	24.97	27.28	25.38	24.35
6490.1	23.07	23.28	23.05	28.22	25.53	24.21
6670.1	21.10	21.16	20.60	29.00	25.57	23.52
6830.1	19.66	19.55	19.31	30.07	25.38	23.29
7010.1	17.58	17.77	17.50	28.98	25.07	22.33
7170.1	15.65	16.17	15.95	26.24	23.41	21.12
7350.1	13.58	14.37	14.68	23.96	21.68	20.12
7510.1	12.21	13.19	13.72	22.24	20.45	19.04
7690.1	11.16	12.32	12.89	20.68	19.47	18.11
7850.1	11.04	11.94	12.41	20.45	18.81	17.49
8030.1	10.99	11.79	12.32	19.70	18.17	16.98
8190.1	10.88	11.76	12.13	18.73	17.66	16.29
8370.1	10.99	11.69	12.26	18.31	17.21	16.36

RF (IN) (MHz)	LO (MHz)	RF-IF ISOLATION (dB) @LO (dBm)		
		+4	+7	+10
1780.1	1810.1	11.19	11.03	10.45
1940.1	1970.1	11.61	11.95	11.47
2100.1	2130.1	13.37	13.58	12.84
2260.1	2290.1	15.20	15.57	14.85
2420.1	2450.1	15.60	15.65	15.26
2580.1	2610.1	15.44	14.95	14.37
2740.1	2770.1	15.03	14.64	14.16
2900.1	2930.1	14.42	14.31	14.07
3060.1	3090.1	13.87	13.63	13.38
3240.1	3270.1	13.18	13.10	12.99
3400.1	3430.1	12.79	12.78	12.66
3580.1	3610.1	12.93	12.94	12.93
3740.1	3770.1	12.92	13.12	13.23
3920.1	3950.1	12.92	13.00	13.05
4080.1	4110.1	13.27	13.32	13.36
4260.1	4290.1	13.70	13.80	13.77
4420.1	4450.1	14.18	14.17	14.10
4600.1	4630.1	14.63	14.61	14.61
4760.1	4790.1	15.19	15.15	15.14
4940.1	4970.1	15.27	15.37	15.43
5100.1	5130.1	15.03	15.08	15.12
5280.1	5310.1	14.84	14.93	15.00
5440.1	5470.1	14.96	15.11	15.21
5620.1	5650.1	15.26	15.29	15.38
5780.1	5810.1	15.45	15.41	15.33
5960.1	5990.1	16.50	16.26	16.17
6120.1	6150.1	17.76	17.40	17.25
6300.1	6330.1	19.40	18.91	18.63
6460.1	6490.1	21.05	20.40	20.05
6640.1	6670.1	23.09	22.32	21.63
6800.1	6830.1	24.91	24.19	23.22
6980.1	7010.1	25.36	24.70	23.55
7140.1	7170.1	23.42	23.01	21.94
7320.1	7350.1	20.39	20.64	19.99
7480.1	7510.1	17.75	18.55	18.39
7660.1	7690.1	15.71	16.67	16.77
7820.1	7850.1	14.93	15.69	15.95
8000.1	8030.1	14.49	15.14	15.43
8160.1	8190.1	14.61	15.18	15.42
8340.1	8370.1	15.02	15.49	15.77

Typical Performance Data

RF (IN) (MHz)	LO (MHz)	RF VSWR (:1) @LO (dBm)		
		+4	+7	+10
1780.1	1810.1	7.41	4.80	3.81
1940.1	1970.1	5.52	3.74	3.09
2100.1	2130.1	3.56	2.78	2.50
2260.1	2290.1	2.77	2.26	2.05
2420.1	2450.1	2.32	1.93	1.74
2580.1	2610.1	2.02	1.74	1.56
2740.1	2770.1	1.84	1.64	1.51
2900.1	2930.1	1.58	1.44	1.36
3060.1	3090.1	1.49	1.39	1.33
3240.1	3270.1	1.51	1.44	1.41
3400.1	3430.1	1.57	1.50	1.49
3580.1	3610.1	1.67	1.54	1.48
3740.1	3770.1	1.90	1.72	1.61
3920.1	3950.1	2.26	2.04	1.87
4080.1	4110.1	2.43	2.20	2.02
4260.1	4290.1	2.55	2.35	2.18
4420.1	4450.1	2.42	2.24	2.10
4600.1	4630.1	2.46	2.24	2.07
4760.1	4790.1	2.18	1.96	1.83
4940.1	4970.1	2.58	2.31	2.14
5100.1	5130.1	2.84	2.51	2.30
5280.1	5310.1	2.91	2.52	2.23
5440.1	5470.1	2.97	2.64	2.37
5620.1	5650.1	3.32	3.01	2.72
5780.1	5810.1	3.67	3.46	3.20
5960.1	5990.1	3.70	3.49	3.23
6120.1	6150.1	3.48	3.27	3.01
6300.1	6330.1	3.22	2.93	2.71
6460.1	6490.1	3.05	2.63	2.39
6640.1	6670.1	2.79	2.25	1.99
6800.1	6830.1	2.59	1.91	1.64
6980.1	7010.1	2.47	1.71	1.44
7140.1	7170.1	1.78	1.34	1.12
7320.1	7350.1	1.38	1.08	1.21
7480.1	7510.1	1.30	1.35	1.56
7660.1	7690.1	1.71	1.80	1.96
7820.1	7850.1	2.35	2.37	2.47
8000.1	8030.1	3.10	3.02	3.06
8160.1	8190.1	3.72	3.58	3.56
8340.1	8370.1	4.08	3.96	3.90

LO (MHz)	LO VSWR (:1) @LO (dBm)		
	+4	+7	+10
1810.1	25.19	18.70	12.89
1970.1	20.45	13.49	10.07
2130.1	12.61	8.77	8.39
2290.1	8.47	6.83	7.22
2450.1	5.95	5.54	6.35
2610.1	4.59	4.98	5.97
2770.1	3.84	4.36	5.31
2930.1	3.26	3.93	4.91
3090.1	2.79	3.54	4.55
3270.1	2.40	3.18	4.12
3430.1	2.25	3.01	3.90
3610.1	2.22	3.00	3.86
3770.1	2.15	2.87	3.69
3950.1	2.14	2.82	3.58
4110.1	2.22	2.89	3.66
4290.1	2.30	2.98	3.76
4450.1	2.32	2.96	3.72
4630.1	2.30	2.87	3.56
4790.1	2.30	2.80	3.45
4970.1	2.45	2.86	3.44
5130.1	2.52	2.85	3.36
5310.1	2.60	2.90	3.37
5470.1	2.60	2.90	3.38
5650.1	2.73	3.02	3.50
5810.1	2.88	3.14	3.62
5990.1	3.12	3.35	3.86
6150.1	3.46	3.64	4.17
6330.1	4.01	4.01	4.51
6490.1	4.75	4.39	4.79
6670.1	5.79	4.98	5.19
6830.1	7.14	5.61	5.54
7010.1	8.47	6.32	5.75
7170.1	8.31	6.32	5.81
7350.1	8.05	6.13	5.47
7510.1	7.87	5.97	5.04
7690.1	7.22	5.46	4.47
7850.1	6.39	4.77	3.87
8030.1	5.44	3.94	3.14
8190.1	4.63	3.25	2.51
8370.1	3.52	2.45	1.85

IF (OUT) (MHz)	IF VSWR @LO=7650MHz (:1) @LO (dBm)		
	+4	+7	+10
10.0	2.27	1.65	1.35
90.0	2.16	1.59	1.36
170.0	2.09	1.58	1.38
250.0	2.07	1.62	1.48
330.0	2.10	1.74	1.64
410.0	2.18	1.85	1.77
490.0	2.20	1.90	1.83
570.0	2.19	1.90	1.85
650.0	2.16	1.90	1.87
730.0	2.17	1.90	1.89
810.0	2.17	1.89	1.88
890.0	2.16	1.84	1.83
970.0	2.15	1.79	1.79
1050.0	2.14	1.77	1.75
1130.0	2.11	1.71	1.68
1210.0	2.05	1.63	1.58
1290.0	2.02	1.56	1.51
1370.0	2.00	1.50	1.45
1450.0	1.96	1.44	1.38
1530.0	1.93	1.38	1.31
1610.0	1.89	1.32	1.24
1690.0	1.84	1.25	1.15
1770.0	1.76	1.16	1.07
1850.0	1.65	1.09	1.10
1930.0	1.56	1.06	1.18
2010.0	1.47	1.11	1.27
2090.0	1.40	1.21	1.39
2170.0	1.33	1.32	1.53
2250.0	1.27	1.47	1.71
2310.0	1.21	1.58	1.86
2390.0	1.21	1.71	2.03
2450.0	1.27	1.86	2.21
2530.0	1.36	2.06	2.45
2590.0	1.41	2.14	2.56
2670.0	1.53	2.32	2.76
2730.0	1.66	2.48	2.95
2810.0	1.77	2.58	3.04
2870.0	1.84	2.61	3.06
2950.0	1.99	2.70	3.14
3010.0	2.12	2.71	3.10

Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	+11	30	3	41	---	---	---	---	---	---
1	-	9	+0	37	34	27	48	---	---	---	---	---
2	>90	>69	58	49	59	>69	53	>69	---	---	---	---
3	>90	>69	>69	>69	>69	>69	>69	68	67	---	---	---
4	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	---	---
5	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69	---
6	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	---	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69
8	---	---	---	---	---	>69	>69	>69	>69	>69	>69	>69
9	---	---	---	---	---	---	>69	>69	>69	>69	>69	>69
10	---	---	---	---	---	---	---	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 4850 MHz; -15.00 dBm.
LO IN: 4880 MHz; +7.00 dBm
IF OUT: 30 MHz; -21.35 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	+1	39	14	53	---	---	---	---	---	---
1	-	9	+0	38	34	29	49	---	---	---	---	---
2	73	63	48	39	50	62	45	72	---	---	---	---
3	>90	51	>79	57	59	56	63	49	71	---	---	---
4	>90	>79	65	>79	70	63	64	>79	65	>79	---	---
5	---	---	>79	>79	>79	>79	68	>79	>79	72	>79	---
6	---	---	---	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	---	---	---	---	>79	>79	>79	>79	>79	>79	>79	>79
8	---	---	---	---	---	>79	>79	>79	>79	>79	>79	>79
9	---	---	---	---	---	---	>79	>79	>79	>79	>79	>79
10	---	---	---	---	---	---	---	>79	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 4850 MHz; -5.00 dBm.
LO IN: 4880 MHz; +7.00 dBm
IF OUT: 30 MHz; -11.42 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.