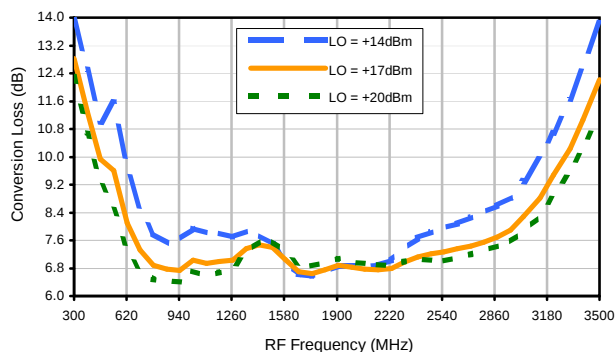
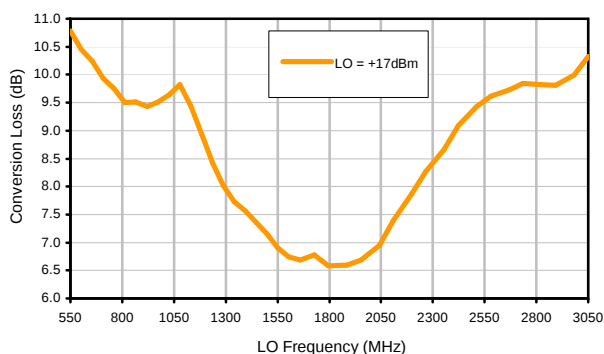


Typical Performance Curves

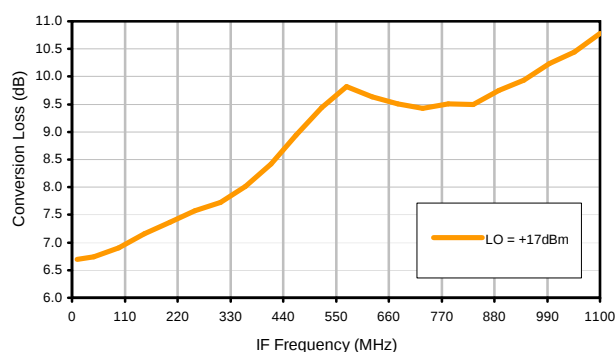
Conversion Loss @ IF=30MHz



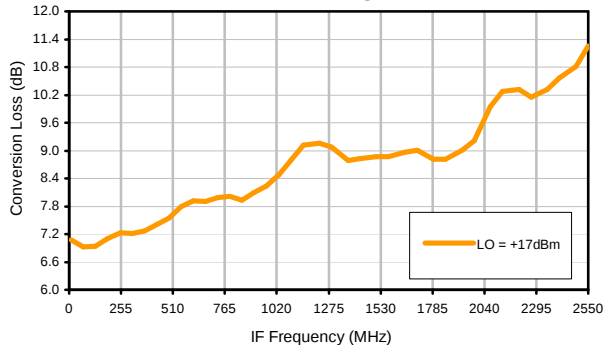
Conversion Loss vs. LO @ RF=1650.1MHz



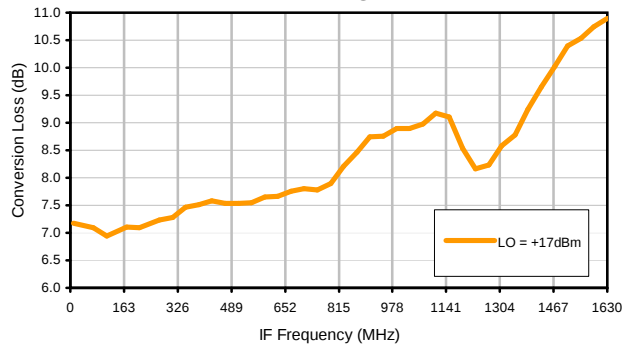
Conversion Loss vs. IF @ RF=1650.1MHz



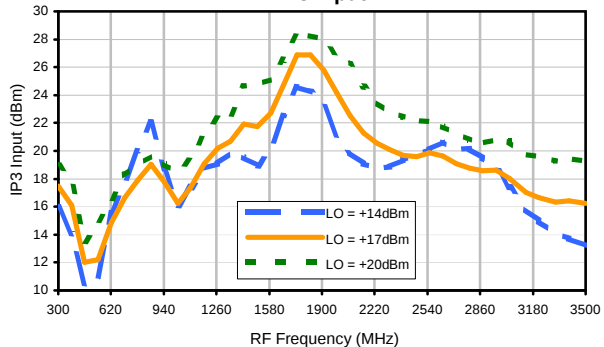
Conversion Loss vs. IF @ RF=790.1MHz



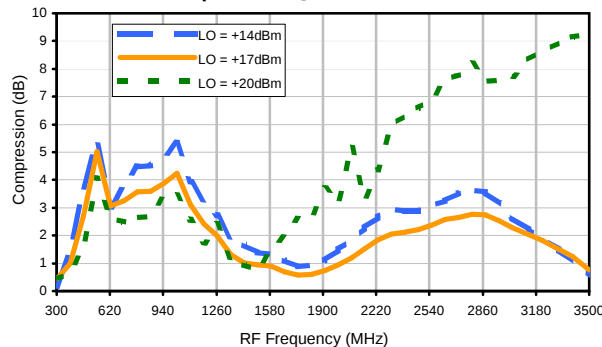
Conversion Loss vs. IF @ RF=2510.1MHz



IP3 Input

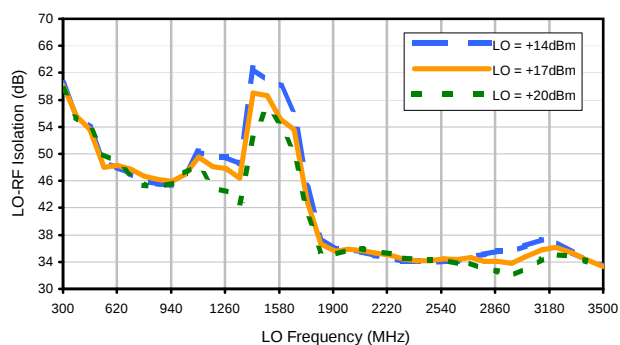


Compression @ RF IN=+15dBm

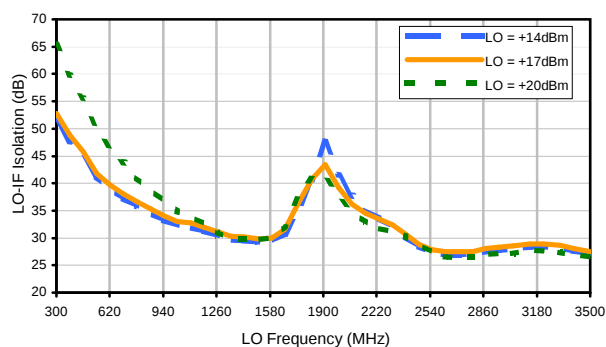


Typical Performance Curves

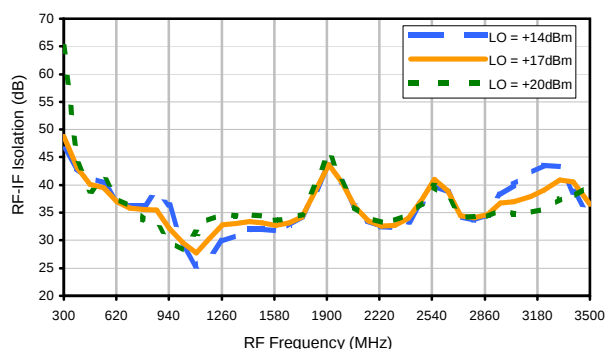
LO-RF Isolation



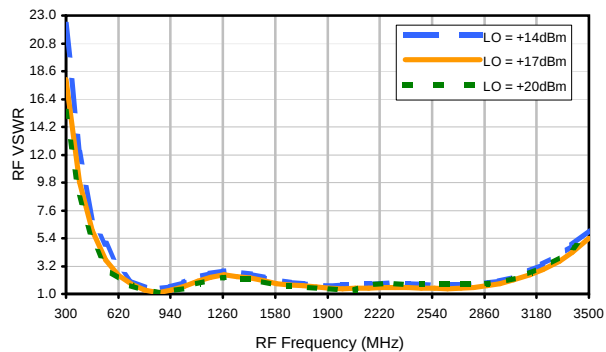
LO-IF Isolation



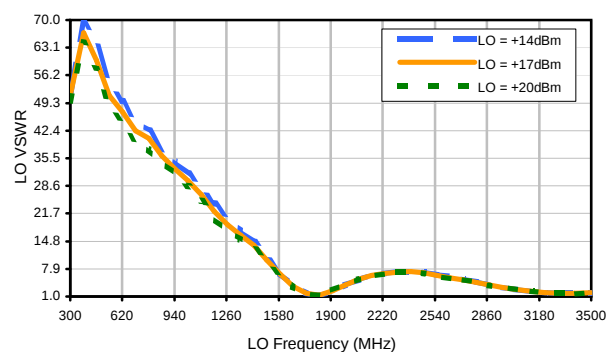
RF-IF Isolation



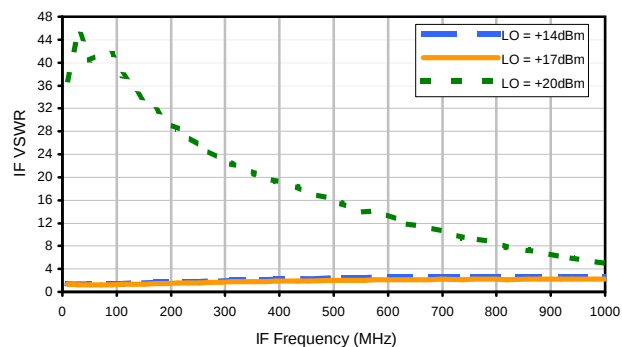
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+18	+3	+6	+6	10	+0	6	18	19	21
1	-	+1	+0	4	+13	18	3	19	10	16	12	25
2	54	26	28	49	21	39	20	21	33	22	32	20
3	>90	48	23	31	37	28	24	30	24	42	36	45
4	>90	53	46	55	51	>56	48	55	41	48	50	45
5	>90	>56	48	>56	55	54	>56	45	49	47	48	>56
6	>90	>56	>56	>56	>56	>56	>56	>56	>56	>56	>56	>56
7	>90	>56	>56	>56	>56	>56	>56	>56	>56	>56	>56	>56
8	>90	>56	>56	>56	>56	>56	>56	>56	>56	>56	>56	>56
9	>90	>56	>56	>56	>56	>56	>56	>56	>56	>56	>56	>56
10	>90	>56	>56	>56	>56	>56	>56	>56	>56	>56	>56	>56
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1650 MHz; 0.00 dBm.
LO IN: 1680 MHz; +17.00 dBm
IF OUT: 30 MHz; -34.07 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	34	34	31	49	36	48	42	57	50
1	-	26	+0	32	17	54	29	48	43	43	53	54
2	34	49	51	54	47	62	50	52	64	52	71	50
3	65	56	32	43	49	42	38	49	37	76	53	54
4	82	56	54	60	59	75	56	63	52	56	81	58
5	>90	70	45	58	49	51	58	50	49	56	48	70
6	>90	70	75	65	62	68	68	77	64	72	59	61
7	>90	67	78	75	57	63	61	60	66	59	60	66
8	>90	77	80	85	77	70	74	76	76	81	70	73
9	>90	83	86	71	81	79	67	67	71	65	73	63
10	>90	87	91	86	77	83	83	76	78	84	84	86
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1650 MHz; 10.00 dBm.
LO IN: 1680 MHz; +17.00 dBm
IF OUT: 30 MHz; 2.85 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.