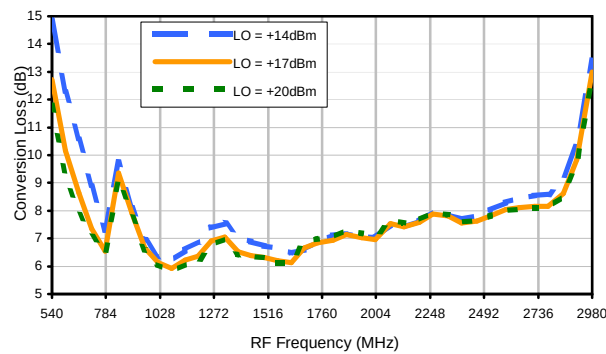
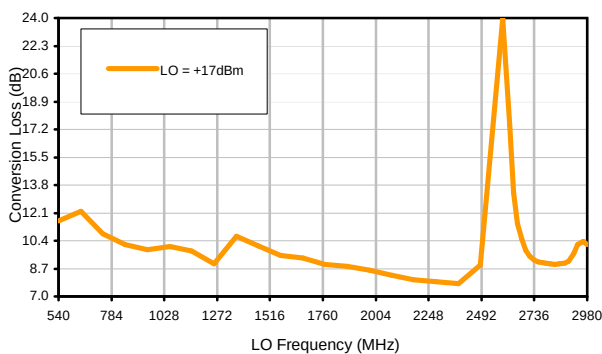


Typical Performance Curves

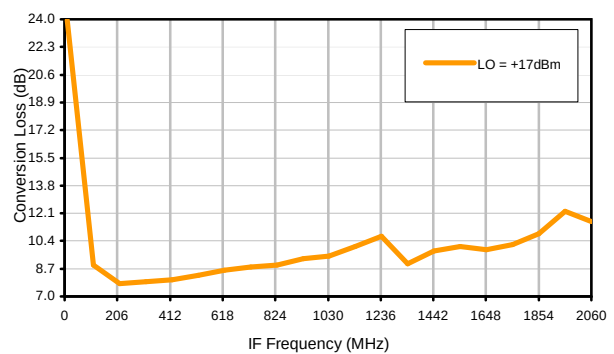
Conversion Loss @ IF=350MHz



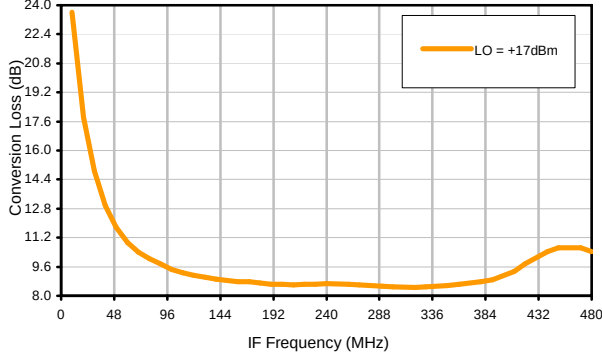
Conversion Loss vs. LO @ RF=2600.1001MHz



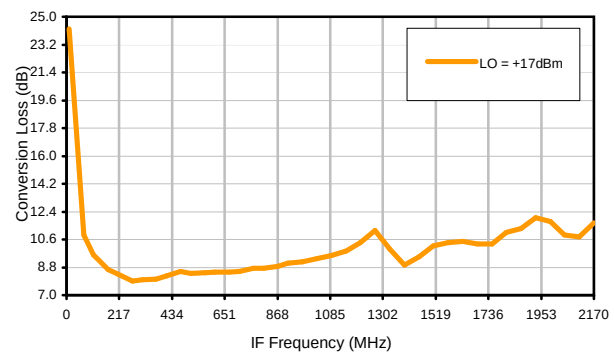
Conversion Loss vs. IF @ RF=2600.1001MHz



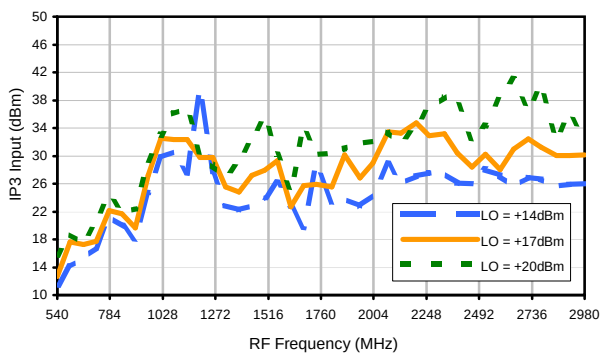
Conversion Loss vs. IF @ RF=2500.1001MHz



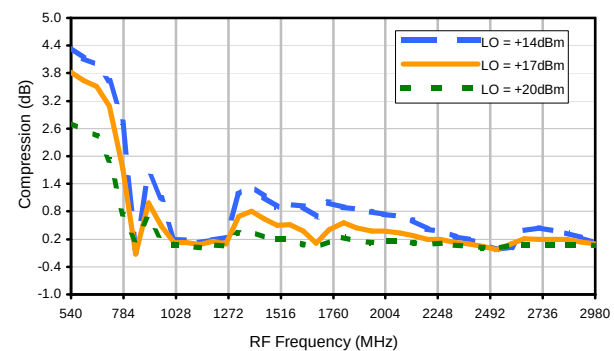
Conversion Loss vs. IF @ RF=2700.1001MHz



IP3 Input

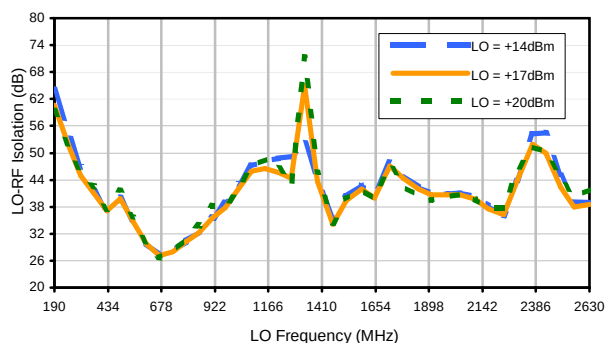


Compression @ RF IN=+15dBm

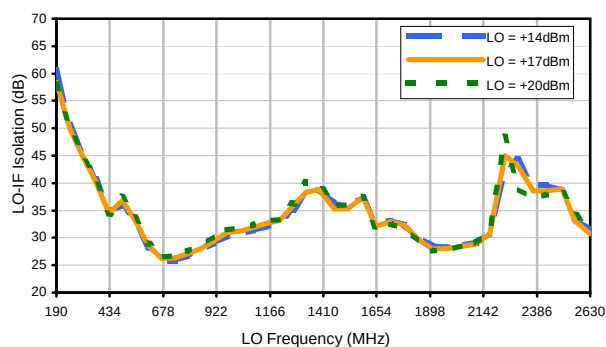


Typical Performance Curves

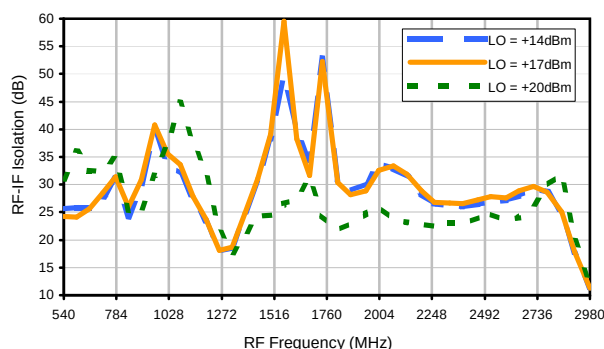
LO-RF Isolation



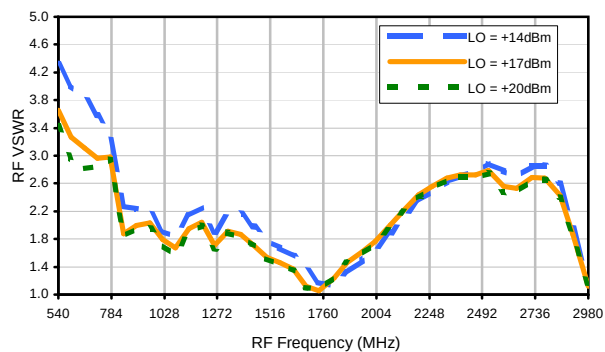
LO-IF Isolation



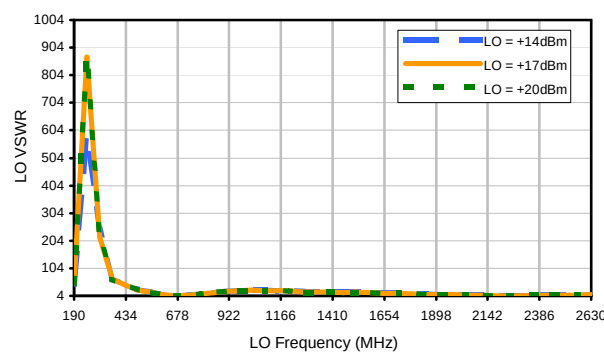
RF-IF Isolation



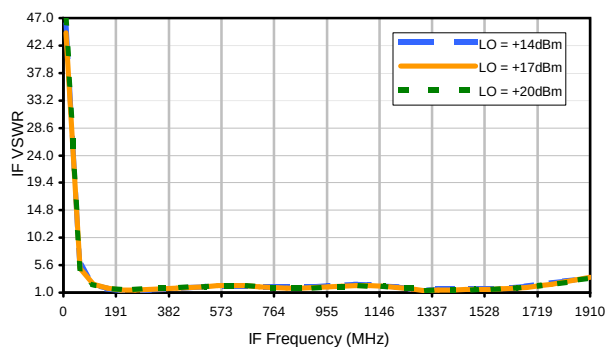
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	5	16	16	25	28	21	34	35	57	52
1	-	14	+0	31	18	34	32	47	43	45	59	67
2	62	44	60	>81	53	66	58	55	73	68	59	73
3	>90	69	61	71	66	66	64	>81	64	78	>81	77
4	>90	>81	>81	>81	>81	>81	81	>81	>81	>81	>81	>81
5	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
6	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
7	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
9	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
10	---	---	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

Test conditions:

RF IN: 2600 MHz; 0.00 dBm.
LO IN: 2150 MHz; +17.00 dBm
IF OUT: 450 MHz; -8.59 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	26	26	34	38	32	47	45	68	62
1	-	14	+0	31	18	36	33	48	43	49	60	74
2	43	35	52	47	48	67	56	49	61	64	52	61
3	67	53	42	61	47	54	50	71	52	62	73	61
4	>90	74	74	69	67	57	60	59	61	63	>91	79
5	>90	75	78	79	72	70	86	66	63	71	65	79
6	>90	>91	84	80	>91	73	80	74	70	71	75	79
7	>90	>91	>91	91	>91	>91	90	77	82	85	72	81
8	>90	>91	>91	>91	>91	>91	>91	>91	90	87	79	82
9	>90	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	89
10	---	---	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 2600 MHz; 10.00 dBm.
LO IN: 2150 MHz; +17.00 dBm
IF OUT: 450 MHz; 1.34 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.