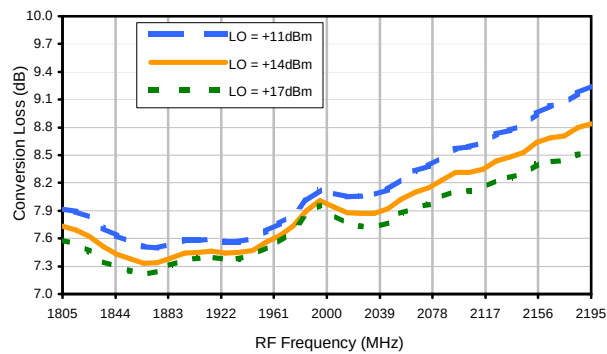
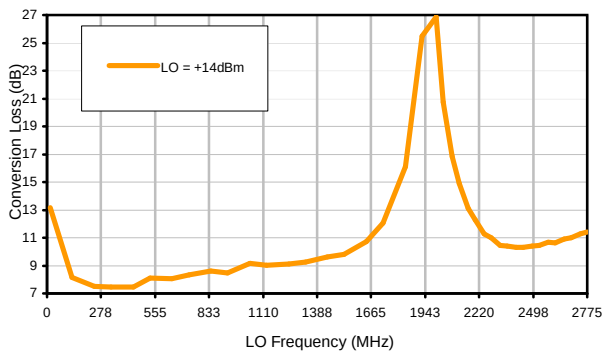


Typical Performance Curves

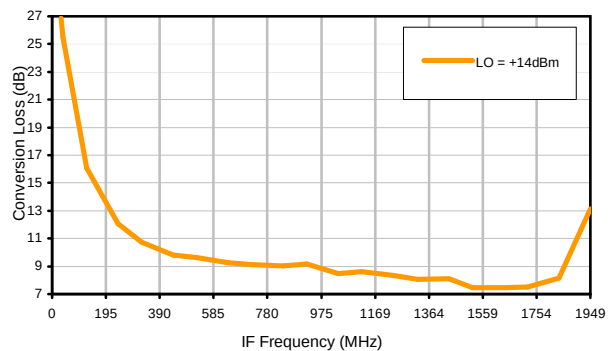
Conversion Loss @ IF=1495MHz



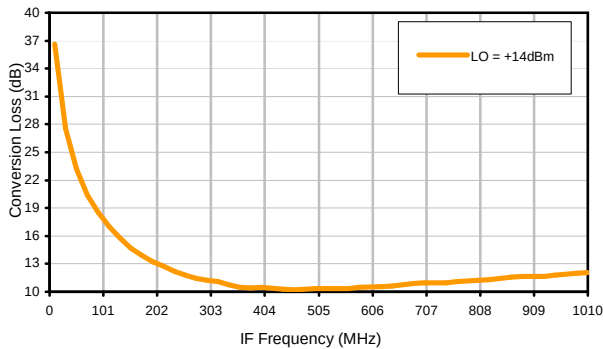
Conversion Loss vs. LO @ RF=1965MHz



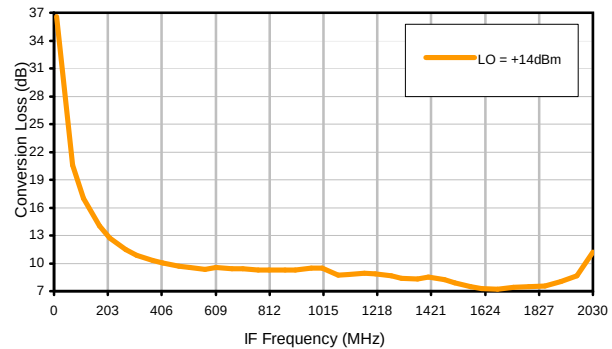
Conversion Loss vs. IF @ RF=1965MHz



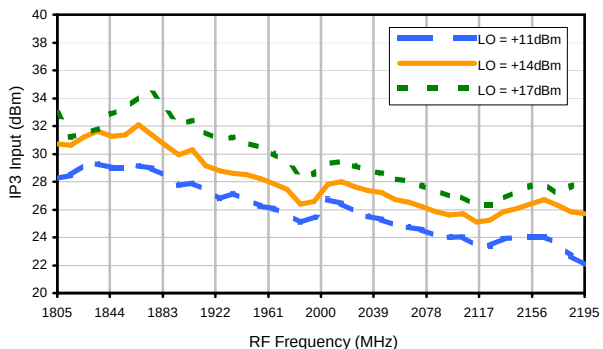
Conversion Loss vs. IF @ RF=1875MHz



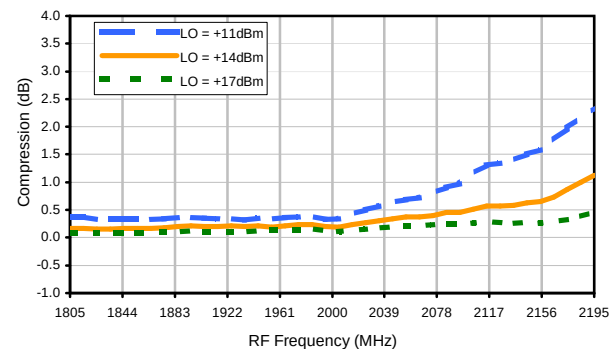
Conversion Loss vs. IF @ RF=2055.1001MHz



IP3 Input

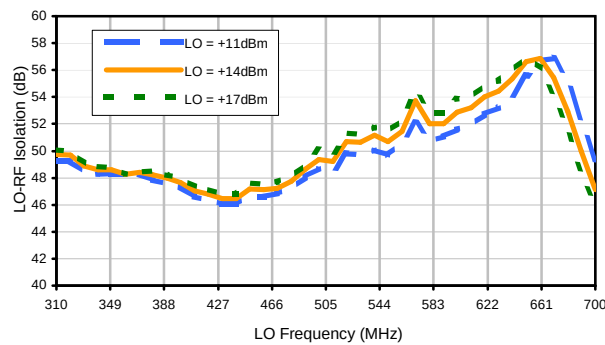


Compression @ RF IN=+15dBm

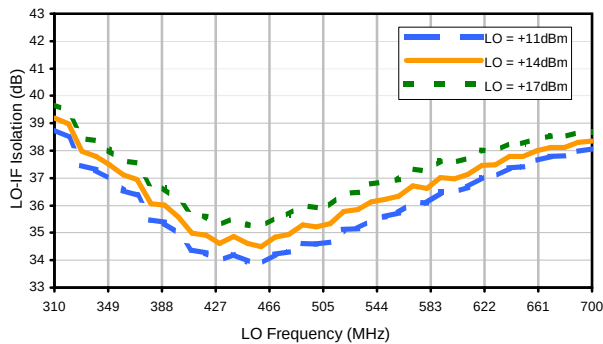


Typical Performance Curves

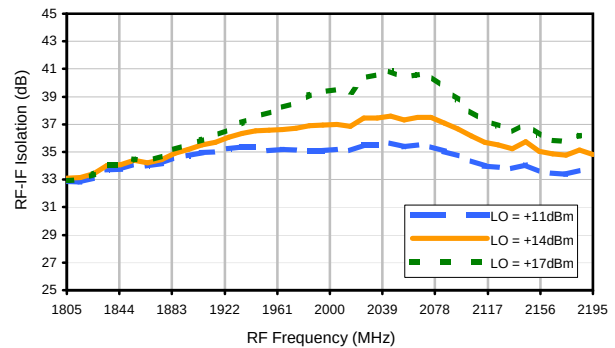
LO-RF Isolation



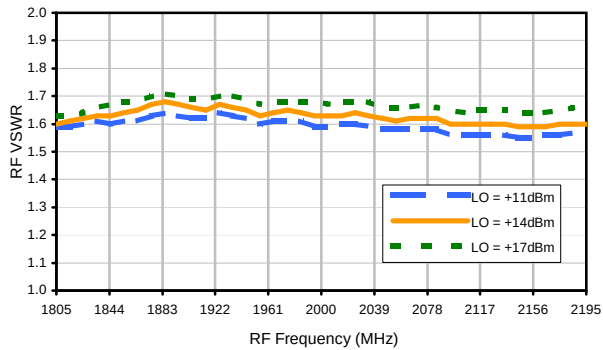
LO-IF Isolation



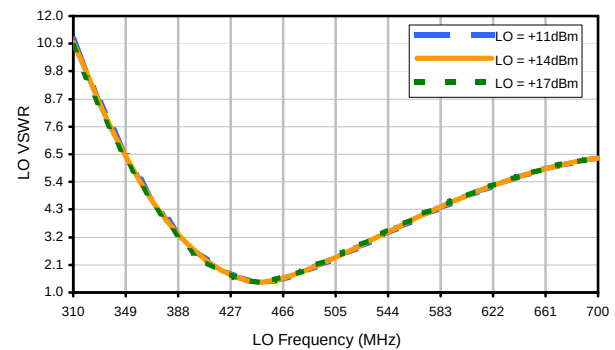
RF-IF Isolation



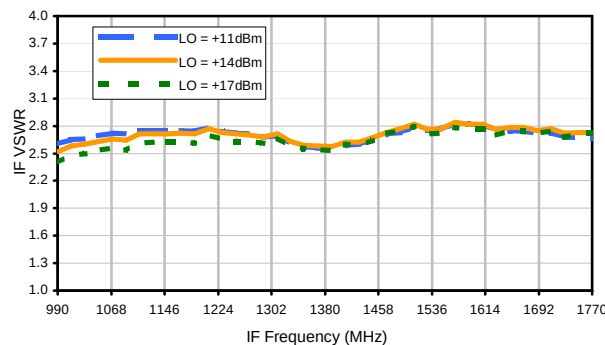
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	26	25	37	28	36	30	41	31	43
1	-	29	+0	40	9	41	18	33	29	35	36	38
2	59	58	61	61	57	60	54	63	54	60	54	54
3	>90	75	63	75	59	76	62	78	61	76	62	74
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: 1965 MHz; 0.00 dBm.
LO IN: 470 MHz; +14.00 dBm
IF OUT: 1495 MHz; -7.63 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	24	40	34	48	36	45	39	43	39	44
1	-	29	+0	37	9	40	20	34	34	36	45	39
2	39	48	55	52	48	48	45	52	45	49	49	45
3	65	59	45	58	41	58	44	63	43	60	45	57
4	>90	71	84	77	71	78	69	76	64	75	65	71
5	>90	89	77	>92	89	91	83	88	73	78	69	75
6	>90	>92	>92	>92	90	>92	91	>92	>92	>92	>92	>92
7	>90	>92	>92	>92	>92	>92	>92	>92	91	>92	>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: 1965 MHz; 10.00 dBm.
LO IN: 470 MHz; +14.00 dBm
IF OUT: 1495 MHz; 2.25 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.