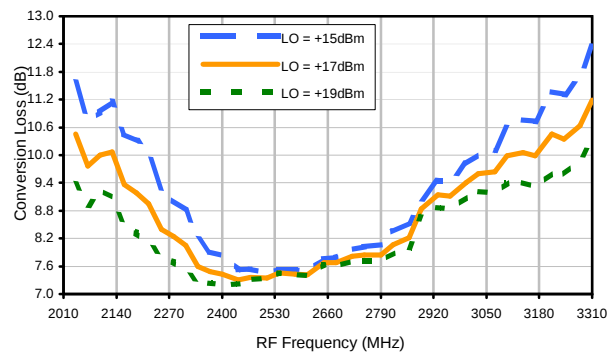
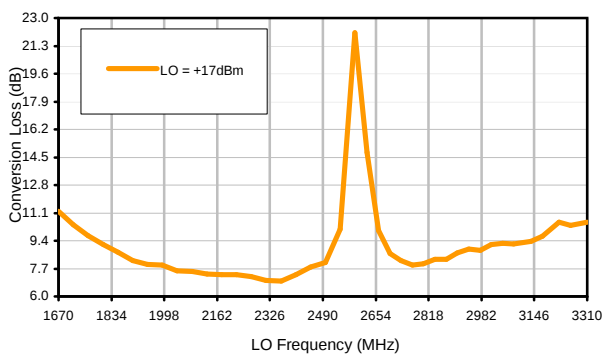


Typical Performance Curves

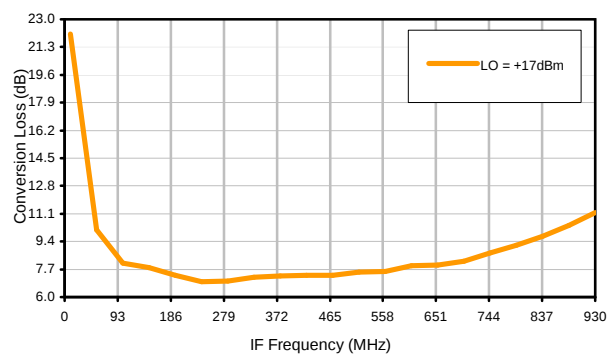
Conversion Loss @ IF=470MHz



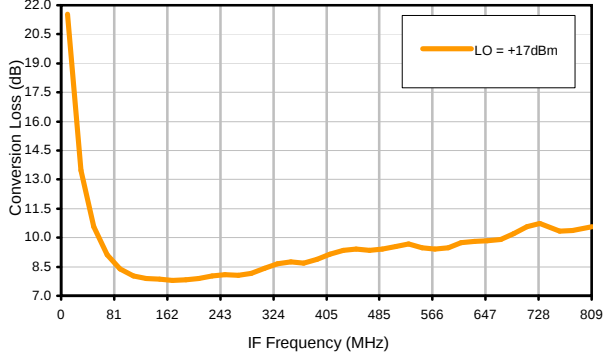
Conversion Loss vs. LO @ RF=2600.1001MHz



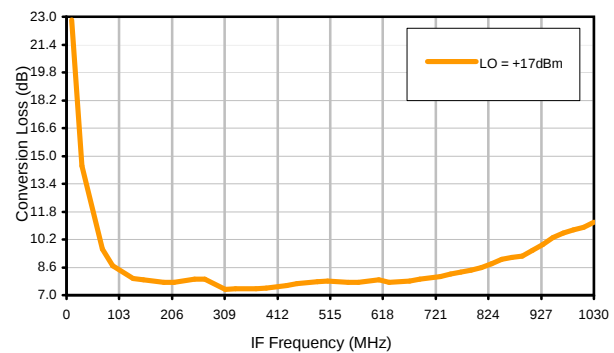
Conversion Loss vs. IF @ RF=2600.1001MHz



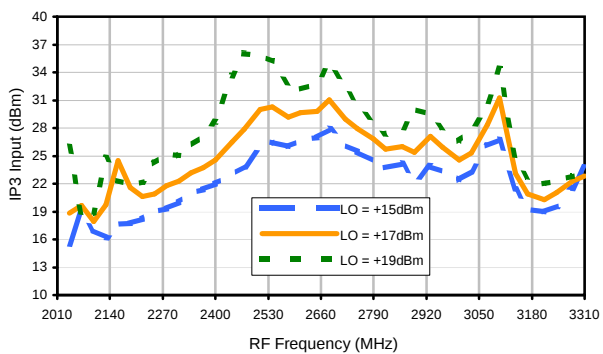
Conversion Loss vs. IF @ RF=2500.1001MHz



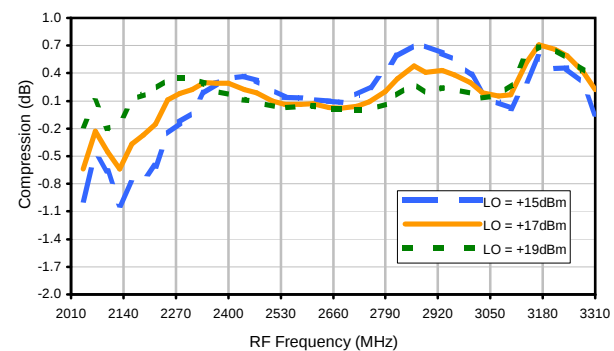
Conversion Loss vs. IF @ RF=2700.1001MHz



IP3 Input

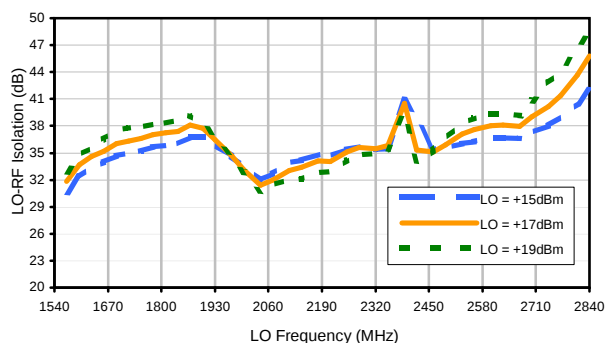


Compression @ RF IN=+15dBm

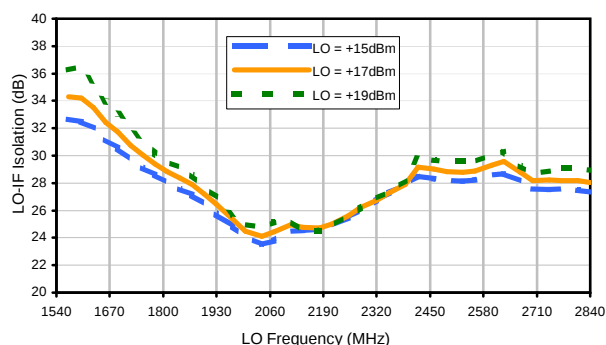


Typical Performance Curves

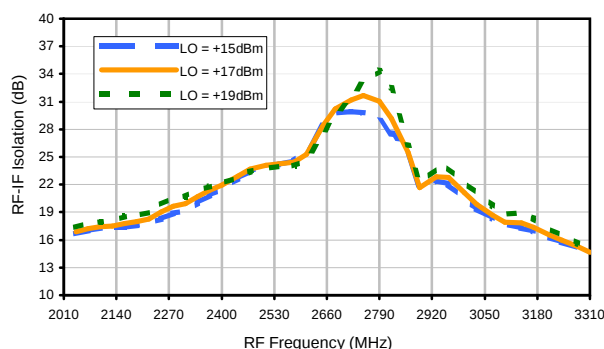
LO-RF Isolation



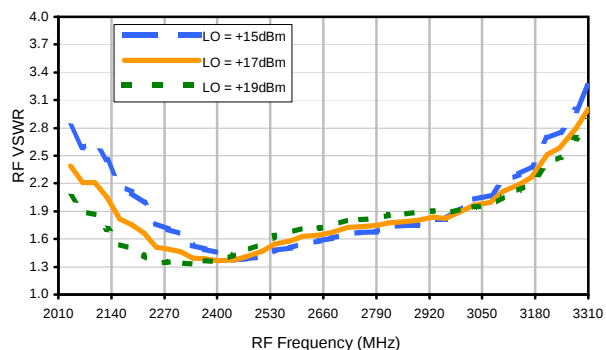
LO-IF Isolation



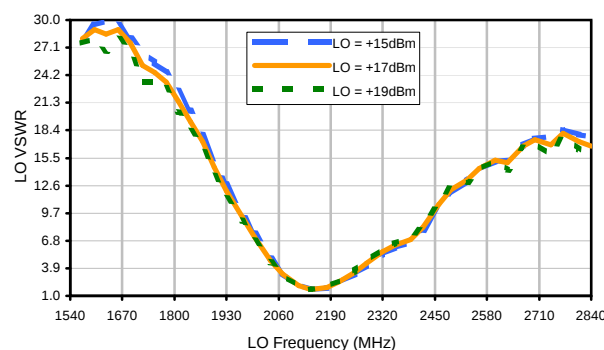
RF-IF Isolation



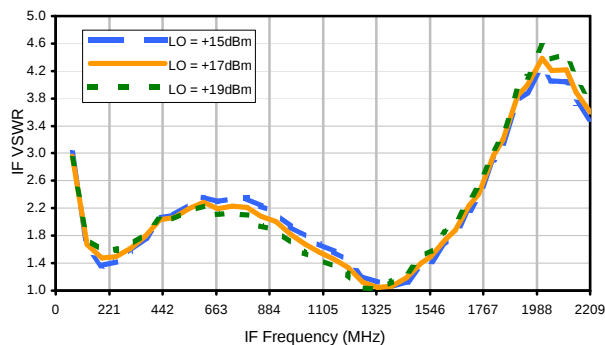
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	2	13	19	20	26	26	33	45	54
1	-	18	+0	27	17	25	27	37	30	47	51	63
2	62	37	52	46	47	50	45	72	57	65	64	63
3	>90	>82	67	>82	72	71	66	72	73	76	76	>82
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	---	---	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

Test conditions:

RF IN: 2600 MHz; 0.00 dBm.
LO IN: 2130 MHz; +17.00 dBm
IF OUT: 470 MHz; -7.55 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	12	23	30	32	36	37	45	59	66
1	-	18	+0	26	18	26	28	38	31	48	56	64
2	42	27	42	36	38	41	36	63	49	57	58	55
3	68	62	47	61	51	50	46	50	54	56	56	70
4	>90	77	72	65	69	70	66	76	69	63	67	72
5	>90	>92	83	83	77	80	86	79	71	81	68	75
6	>90	>92	>92	86	>92	92	85	86	>92	84	92	80
7	>90	>92	>92	>92	>92	>92	>92	89	91	87	92	86
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	---	---	>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: 2600 MHz; 10.00 dBm.
LO IN: 2130 MHz; +17.00 dBm
IF OUT: 470 MHz; 2.37 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.