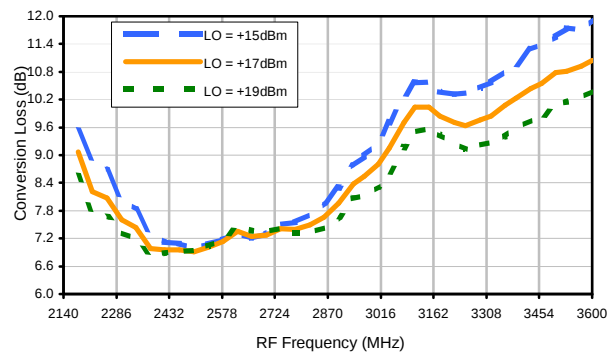
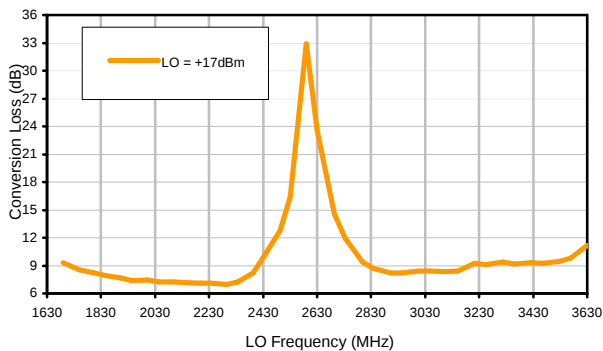


Typical Performance Curves

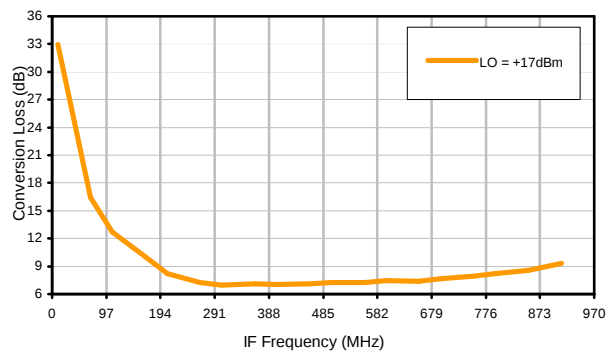
Conversion Loss @ IF=520MHz



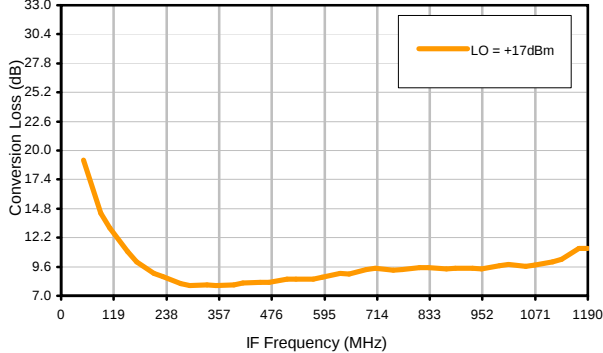
Conversion Loss vs. LO @ RF=2600.1001MHz



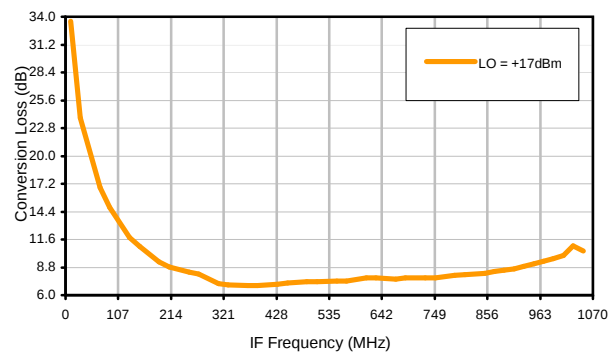
Conversion Loss vs. IF @ RF=2600.1001MHz



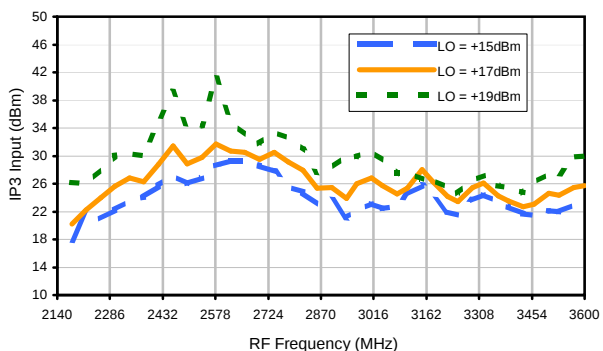
Conversion Loss vs. IF @ RF=2500.1001MHz



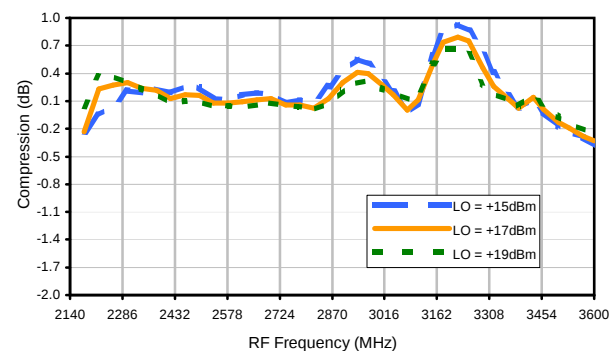
Conversion Loss vs. IF @ RF=2700.1001MHz



IP3 Input

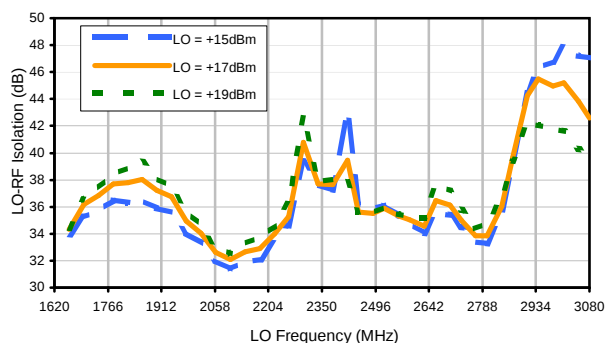


Compression @ RF IN=+15dBm

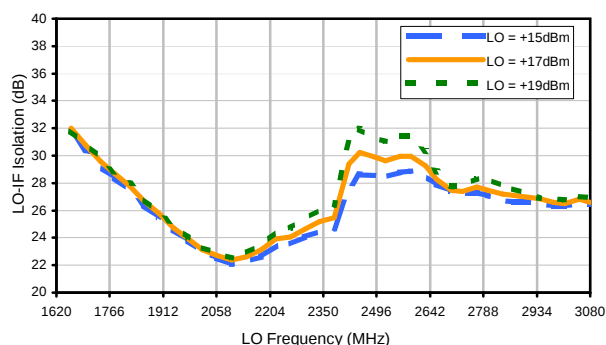


Typical Performance Curves

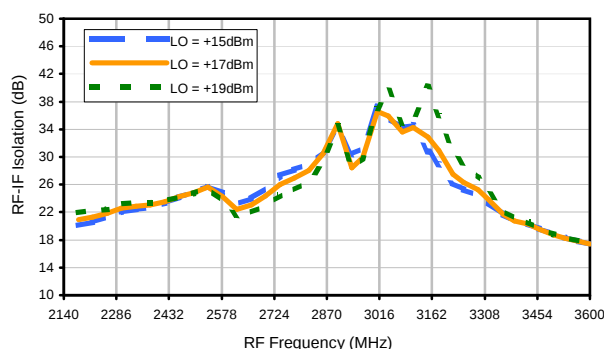
LO-RF Isolation



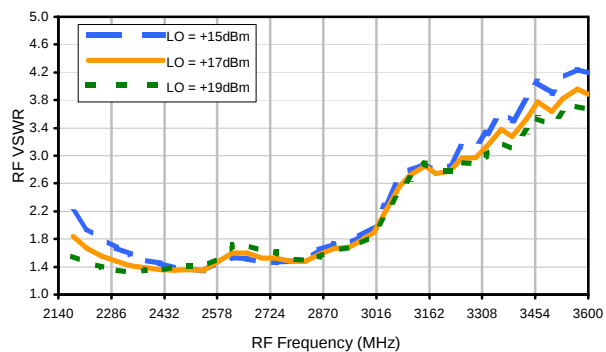
LO-IF Isolation



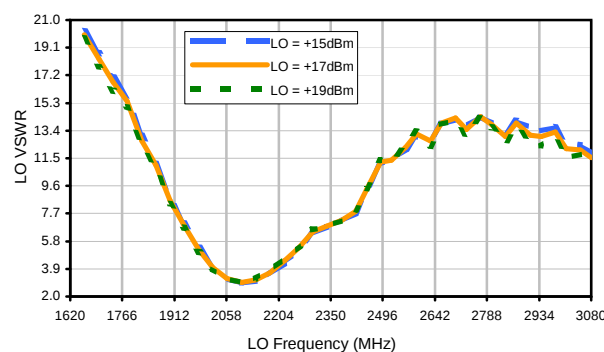
RF-IF Isolation



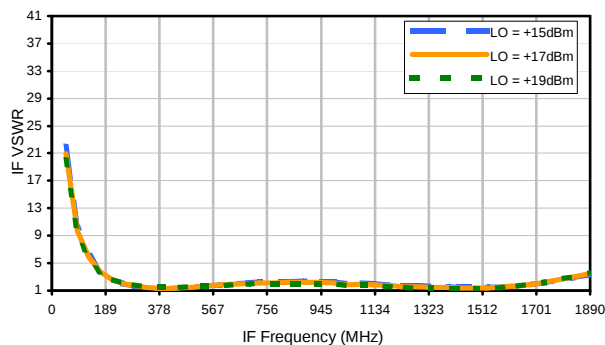
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+2	11	13	17	22	31	30	53	50	65
1	-	15	+0	26	15	43	31	39	31	45	49	53
2	67	49	60	53	53	60	49	48	61	52	61	56
3	>90	31	43	15	26	+0	15	7	29	31	40	28
4	>90	22	17	13	11	+2	+7	+2	11	13	17	22
5	>90	28	40	31	29	7	15	+0	26	15	43	31
6	>90	56	60	52	61	48	49	60	53	53	60	49
7	>90	53	49	46	31	39	31	44	15	26	+0	15
8	>90	65	50	53	30	30	22	17	13	11	+2	+7
9	>90	65	74	53	42	45	28	40	31	29	7	15
10	---	---	75	75	>83	66	56	61	52	61	48	49
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

Test conditions:

RF IN: 2600 MHz; 0.00 dBm.
LO IN: 2080 MHz; +17.00 dBm
IF OUT: 520 MHz; -7.19 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	21	23	26	30	49	42	61	66	80
1	-	15	+0	26	15	42	32	39	33	46	52	54
2	47	40	38	43	43	38	40	42	64	46	48	47
3	78	32	42	15	26	+0	15	7	30	30	38	29
4	>90	30	26	23	21	8	3	8	21	23	26	30
5	>90	29	38	30	30	7	15	+0	26	15	42	32
6	>90	47	48	46	64	42	41	38	43	43	38	41
7	>90	54	52	46	33	39	32	42	15	26	+0	15
8	>90	80	66	61	42	49	30	26	23	21	8	3
9	>90	71	84	52	43	44	29	38	30	30	7	15
10	---	---	66	59	77	52	47	48	46	64	42	41
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: 2080 MHz; +17.00 dBm
IF OUT: 520 MHz; 2.68 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.