

ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT # 1

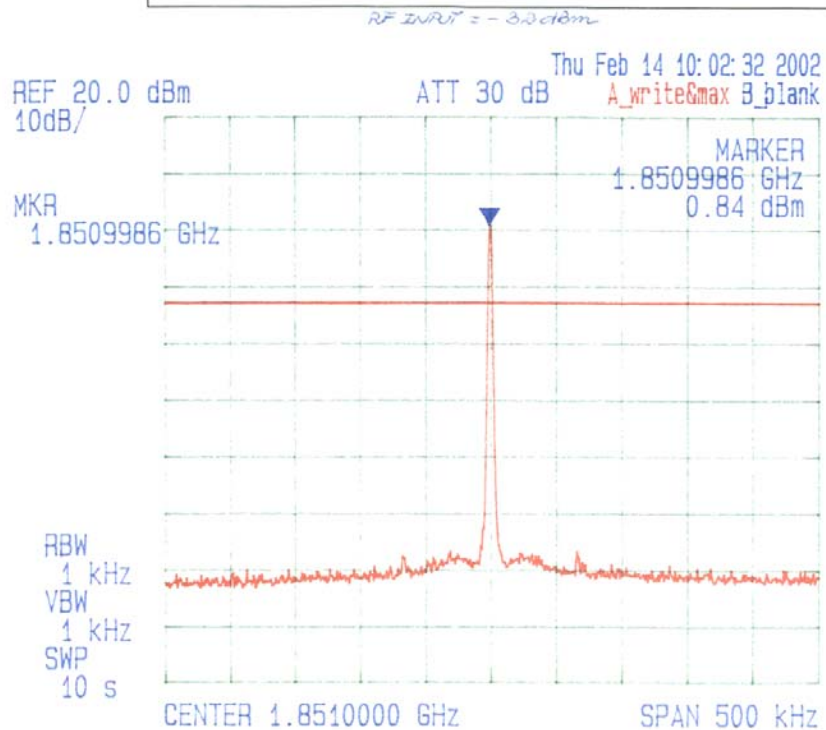
INTERMODULATION WITH 1 CHANNEL

CARRIER FREQUENCY: 1851 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 1 RF input signals in 1850 – 1910 MHz
Fc: 1851 MHz

Date: Feb. 14, 2002
Tested by: Hung Trinh



ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #2

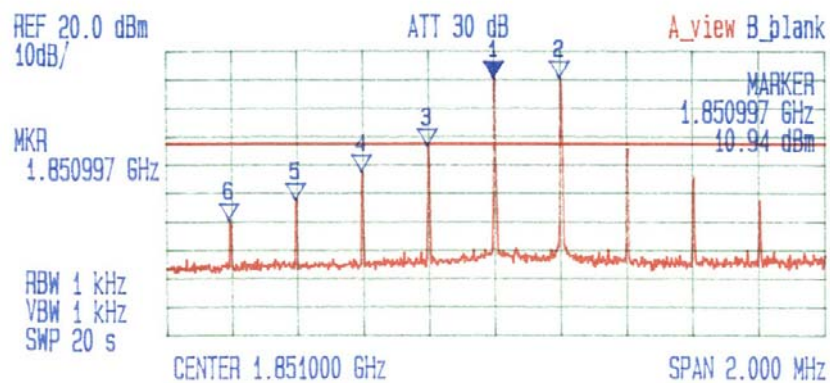
INTERMODULATION WITH 2 RF CHANNELS

CARRIER FREQUENCY: 1851 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 2 RF input signals in 1850 – 1910 MHz
Fc: 1851 MHz
Fc & Fc + 0.2 MHz

Date: Feb. 14, 2002
Tested by: Hung Trinh



RF INPUT
① = -21.8 dBm
② = -21.9 dBm

*** Multi Marker List ***

No.1:	1.850997 GHz	10.94 dBm	A
No.2:	1.851197 GHz	10.81 dBm	A
No.3:	1.850794 GHz	-13.31 dBm	A
No.4:	1.850594 GHz	-22.16 dBm	A
No.5:	1.850394 GHz	-32.03 dBm	A
No.6:	1.850194 GHz	-39.09 dBm	A
No.7:			
No.8:			
Δ:			

ANNEX 1 – TEST DATA MEASUREMENT PLOTS

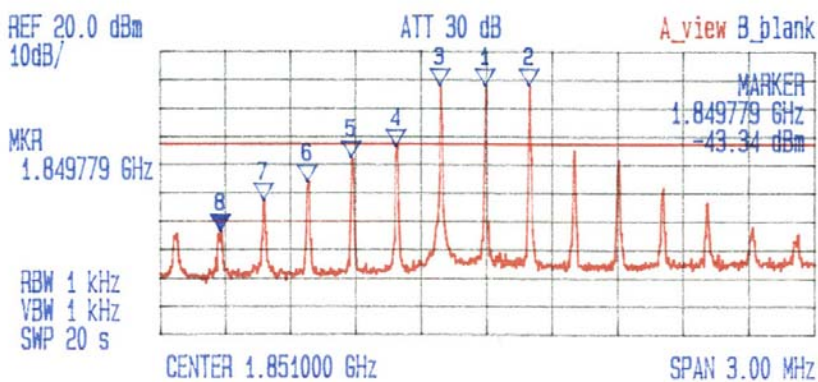
FCC ID: P6T1901

PLOT #3
INTERMODULATION WITH 3 RF CHANNELS
CARRIER FREQUENCY: 1851 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 3 RF input signals in 1850 – 1910 MHz
Fc: 1851 MHz
 $F_c - 0.2$, F_c , $F_c + 0.2$ MHz

Date: Feb. 15, 2002
Tested by: Hung Trinh



RF INPUT
① = -25.6 dBm
② = -24.5 dBm
③ = -23.8 dBm

*** Multi Marker List ***				
No.1:	1.850991 GHz	8.19 dBm	A	
No.2:	1.851193 GHz	8.19 dBm	A	
No.3:	1.850786 GHz	8.34 dBm	A	
No.4:	1.850584 GHz	-13.19 dBm	A	
No.5:	1.850379 GHz	-17.16 dBm	A	
No.6:	1.850177 GHz	-25.59 dBm	A	
No.7:	1.849976 GHz	-32.50 dBm	A	
No.8:	1.849779 GHz	-43.34 dBm	A	
Δ:				

ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #4

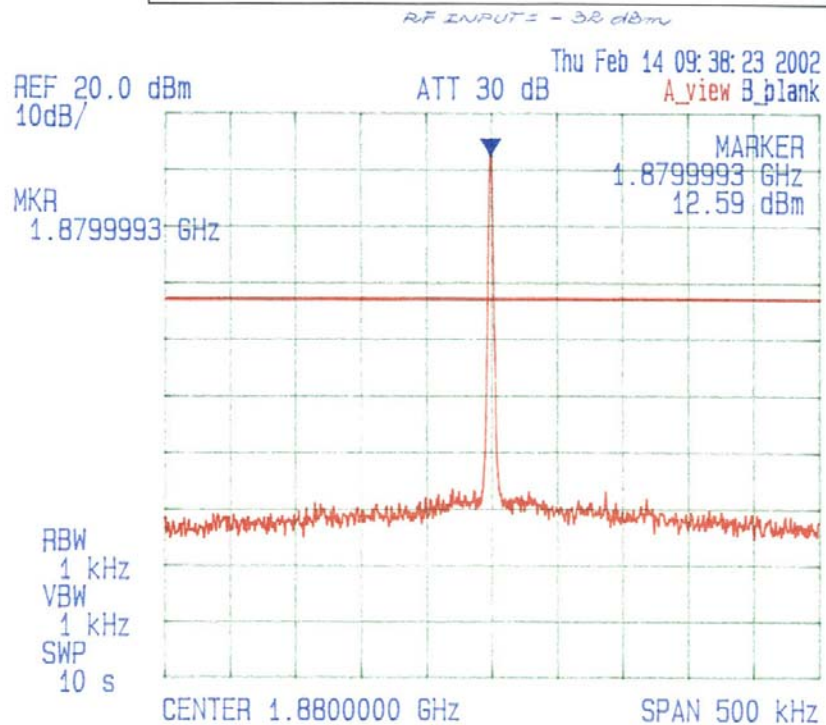
INTERMODULATION WITH 1 RF CHANNELS

CARRIER FREQUENCY: 1880 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with $\frac{1}{2}$ RF input signals in 1850 – 1910 MHz
Fc: 1880 MHz

Date: Feb. 14, 2002
Tested by: Hung Trinh



ANNEX 1 – TEST DATA MEASUREMENT PLOTS

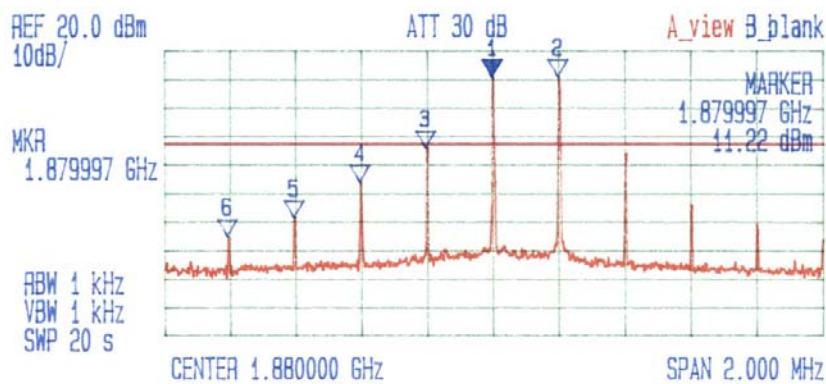
FCC ID: P6T1901

PLOT #5
INTERMODULATION WITH 2 RF CHANNELS
CARRIER FREQUENCY: 1880 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 2 RF input signals in 1850 – 1910 MHz
Fc : 1880 MHz
Fc & Fc + 0.2 MHz

Date: Feb. 14, 2002
Tested by: Hung Trinh



RF INPUT
① = -33.2 dBm
② = -33.1 dBm

*** Multi Marker List ***

No.1:	1.879997 GHz	11.22 dBm	A
No.2:	1.880197 GHz	11.31 dBm	A
No.3:	1.879794 GHz	-13.59 dBm	A
No.4:	1.879594 GHz	-25.66 dBm	A
No.5:	1.879394 GHz	-38.47 dBm	A
No.6:	1.879191 GHz	-44.59 dBm	A
No.7:			
No.8:			
Δ:			

ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #6

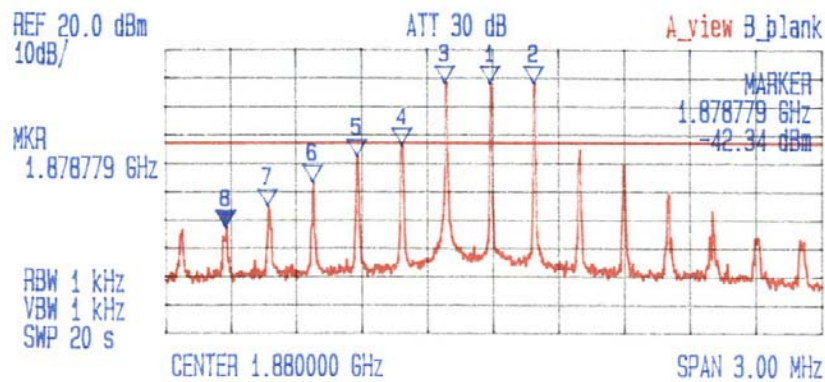
INTERMODULATION WITH 3 RF CHANNELS

CARRIER FREQUENCY: 1880 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 3 RF input signals in 1850 – 1910 MHz
Fc: 1880 MHz
 $F_c - 0.2, F_c, F_c + 0.2$ MHz

Date: Feb. 15, 2002
Tested by: Hung Trinh



RF INPUT

- ① = -34.8 dBm
- ② = -35.2 dBm
- ③ = -35.1 dBm

*** Multi Marker List ***

No.1:	1.879987 GHz	8.84 dBm	A
No.2:	1.880189 GHz	8.91 dBm	A
No.3:	1.879781 GHz	8.88 dBm	A
No.4:	1.879584 GHz	-13.06 dBm	A
No.5:	1.879379 GHz	-17.25 dBm	A
No.6:	1.879177 GHz	-26.31 dBm	A
No.7:	1.878971 GHz	-34.91 dBm	A
No.8:	1.878779 GHz	-42.34 dBm	A

Δ:

ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #7

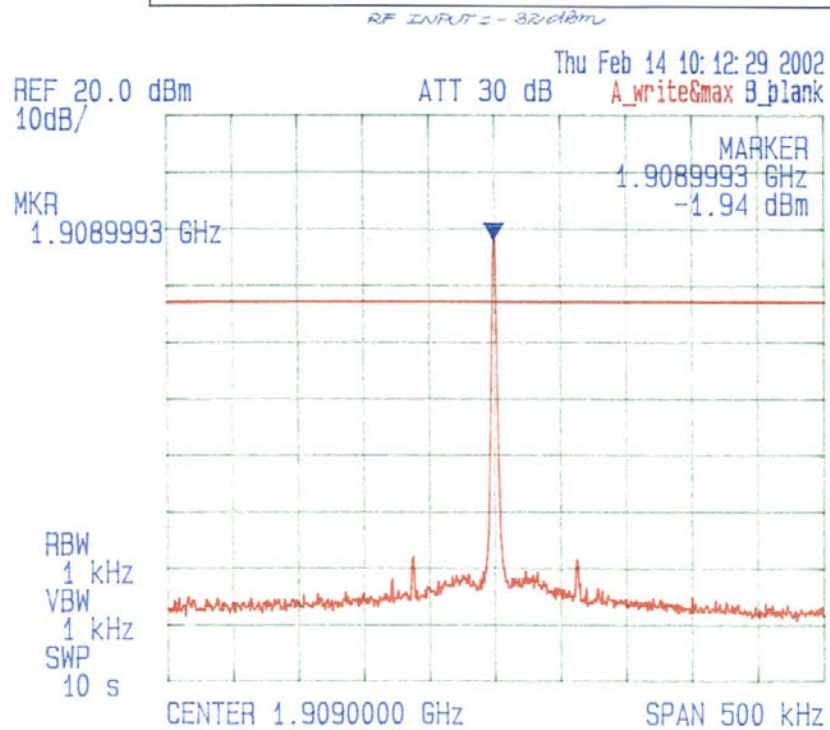
INTERMODULATION WITH 1 RF CHANNELS

CARRIER FREQUENCY: 1909 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 1 RF input signals in 1850 – 1910 MHz
Fc: 1909 MHz

Date: Feb. 14, 2002
Tested by: Hung Trinh



ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #8

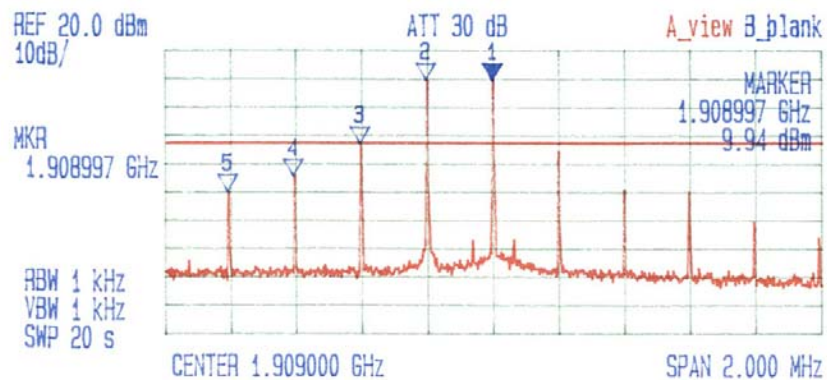
INTERMODULATION WITH 2 RF CHANNELS

CARRIER FREQUENCY: 1909 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 2 RF input signals in 1850 – 1910 MHz
Fc: 1909 MHz
Fc & Fc - 0.2 MHz

Date: Feb. 1st 2002
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	1.908997 GHz	9.94 dBm	A
No.2:	1.908794 GHz	9.84 dBm	A
No.3:	1.908594 GHz	-13.00 dBm	A
No.4:	1.908391 GHz	-24.03 dBm	A
No.5:	1.908191 GHz	-29.59 dBm	A
No.6:			
No.7:			
No.8:			
Δ:			

ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #9

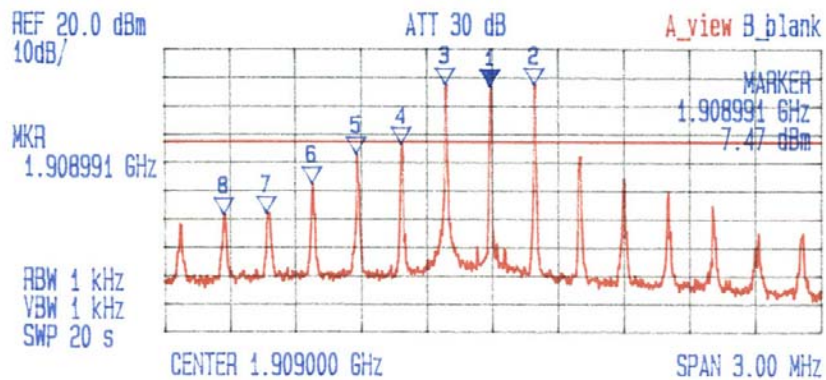
INTERMODULATION WITH 3 RF CHANNELS

CARRIER FREQUENCY: 1909 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 3 RF input signals in 1850 – 1910 MHz
Fc: 1909 MHz
 $F_c - 0.12, F_c, F_c + 0.12$ MHz

Date: Feb. 15, 2002
Tested by: Hung Trinh



RF INPUT
① = -19.6 dBm
② = -19.4 dBm
③ = -20.5 dBm

*** Multi Marker List ***				
No.1:	1.908991 GHz	7.47 dBm	A	
No.2:	1.909193 GHz	7.50 dBm	A	
No.3:	1.908786 GHz	7.59 dBm	A	
No.4:	1.908584 GHz	-13.06 dBm	A	
No.5:	1.908379 GHz	-16.81 dBm	A	
No.6:	1.908177 GHz	-27.41 dBm	A	
No.7:	1.907971 GHz	-37.75 dBm	A	
No.8:	1.907774 GHz	-38.47 dBm	A	
Δ:				

ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #10

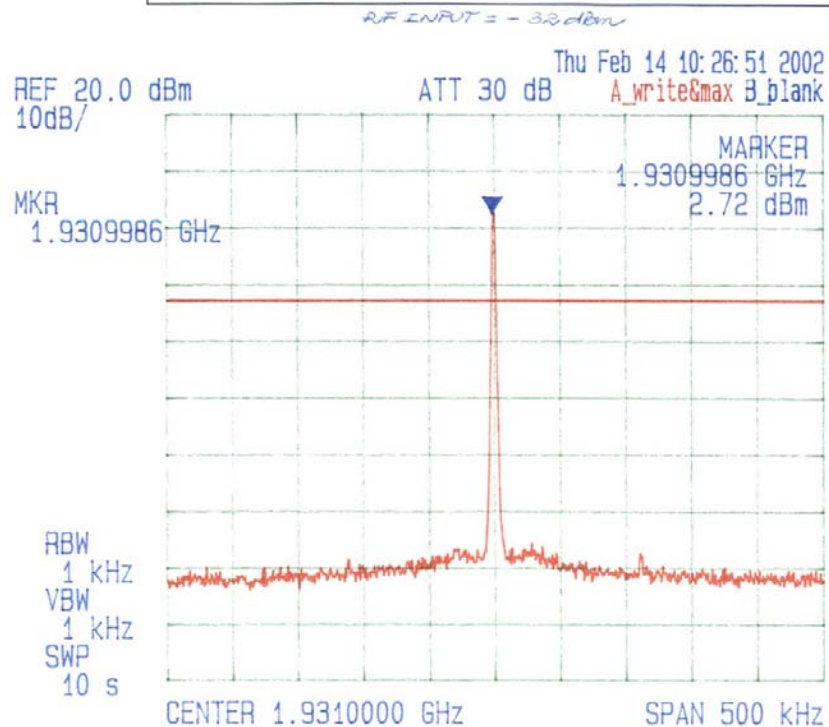
INTERMODULATION WITH 1 RF INPUT CHANNEL

CARRIER FREQUENCY: 1931 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 1 RF input signals in 1930 – 1990 MHz
Fc: 1931 MHz

Date: Feb. 14, 2002
Tested by: Hung Trinh



ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #11

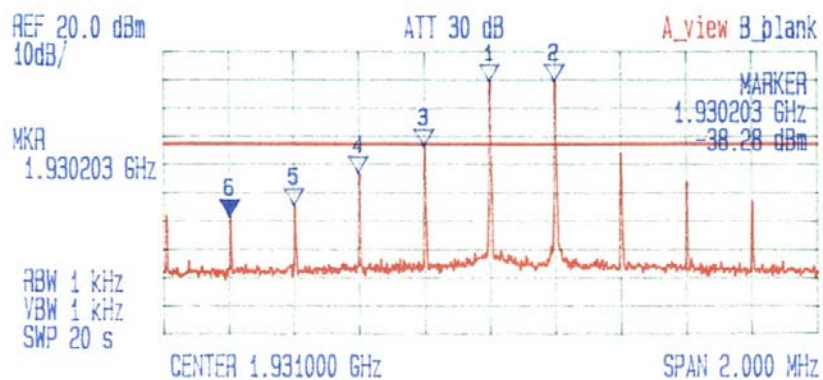
INTERMODULATION WITH 2 RF INPUT CHANNELS

CARRIER FREQUENCY: 1931 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 2 RF input signals in 1930 – 1990 MHz
Fc: 1931 MHz
Fc & Fc + 0.2 MHz

Date: Feb. 14, 2002
Tested by: Hung Trinh



RF INPUT
① = -24.5 dBm
② = -25.0 dBm

*** Multi Marker List ***

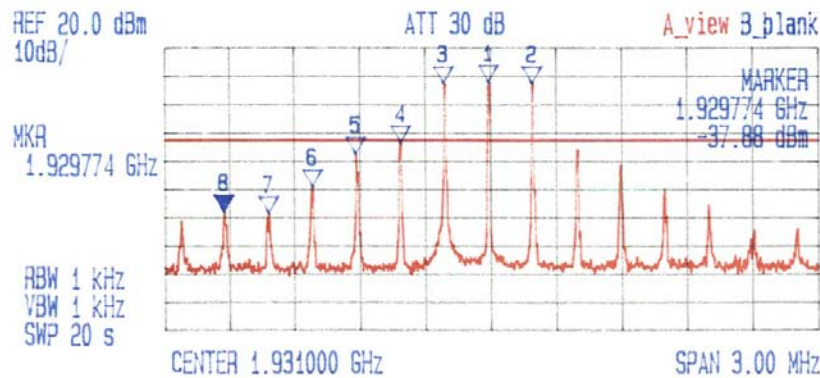
No.1:	1.930997 GHz	9.88 dBm	A
No.2:	1.931197 GHz	9.88 dBm	A
No.3:	1.930797 GHz	-13.28 dBm	A
No.4:	1.930597 GHz	-22.91 dBm	A
No.5:	1.930400 GHz	-34.16 dBm	A
No.6:	1.930203 GHz	-38.28 dBm	A
No.7:			
No.8:			
Δ:			

PLOT #12
INTERMODULATION WITH 3 RF INPUT CHANNELS
CARRIER FREQUENCY: 1931 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 3 RF input signals in 1930 – 1990 MHz
Fc: 1931 MHz
Fc - 0.2, Fc, & Fc + 0.2 MHz

Date: Feb. 15 2002
Tested by: Hung Trinh



RF INPUT
① = -28.9 dBm
② = -28.8 dBm
③ = -28.0 dBm

*** Multi Marker List ***

No.1:	1.930987 GHz	8.19 dBm	A
No.2:	1.931189 GHz	7.81 dBm	A
No.3:	1.930781 GHz	7.66 dBm	A
No.4:	1.930584 GHz	-13.19 dBm	A
No.5:	1.930379 GHz	-17.13 dBm	A
No.6:	1.930181 GHz	-28.88 dBm	A
No.7:	1.929980 GHz	-38.19 dBm	A
No.8:	1.929774 GHz	-37.88 dBm	A

Δ:

ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #13

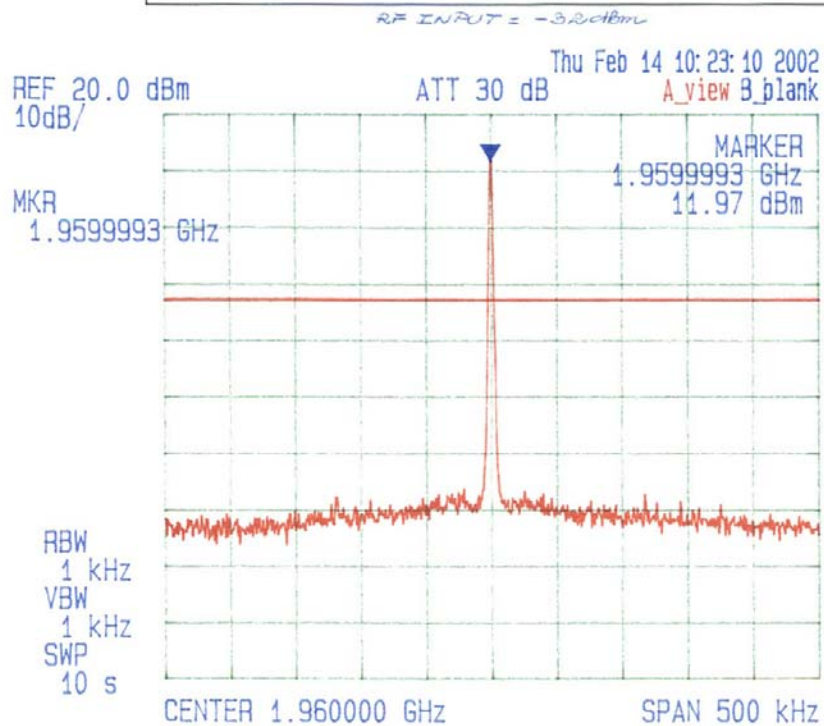
INTERMODULATION WITH 1 RF INPUT CHANNELS

CARRIER FREQUENCY: 1960 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 1 RF input signals in 1930 – 1990 MHz
Fc: 1960 MHz

Date: Feb. 14, 2002
Tested by: Hung Trinh



ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #14

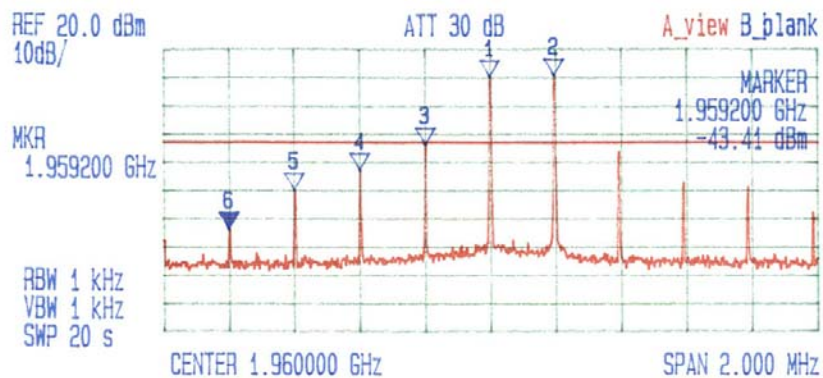
INTERMODULATION WITH 2 RF INPUT CHANNELS

CARRIER FREQUENCY: 1960 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 2 RF input signals in 1930 – 1990 MHz
Fc: 1960 MHz
 $F_c \pm F_c + 0.2 \text{ MHz}$

Date: Feb. 14, 2002
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	1.959997 GHz	10.97 dBm	A
No.2:	1.960194 GHz	11.00 dBm	A
No.3:	1.959800 GHz	-13.22 dBm	A
No.4:	1.959600 GHz	-22.28 dBm	A
No.5:	1.959400 GHz	-29.16 dBm	A
No.6:	1.959200 GHz	-43.41 dBm	A
No.7:			
No.8:			
Δ:			

ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #15

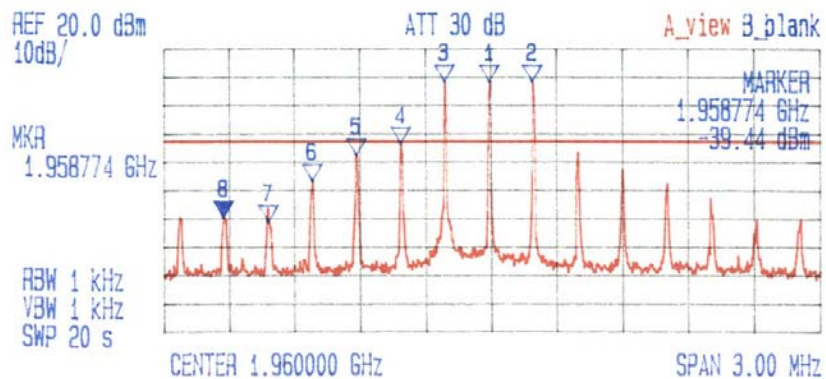
INTERMODULATION WITH 3 RF INPUT CHANNELS

CARRIER FREQUENCY: 1960 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 3 RF input signals in 1930 – 1990 MHz
Fc: 1960 MHz
 $F_c - 0.2$, F_c , $F_c + 0.2$ MHz

Date: Feb. 15, 2002
Tested by: Hung Trinh



RF INPUT
① = -34.8 dBm
② = -35.7 dBm
③ = -34.2 dBm

*** Multi Marker List ***

No. 1:	1.959991 GHz	8.81 dBm	A
No. 2:	1.960189 GHz	8.94 dBm	A
No. 3:	1.959786 GHz	8.88 dBm	A
No. 4:	1.959584 GHz	-13.13 dBm	A
No. 5:	1.959383 GHz	-17.31 dBm	A
No. 6:	1.959181 GHz	-26.31 dBm	A
No. 7:	1.958980 GHz	-40.63 dBm	A
No. 8:	1.958774 GHz	-39.44 dBm	A
Δ:			

ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #16

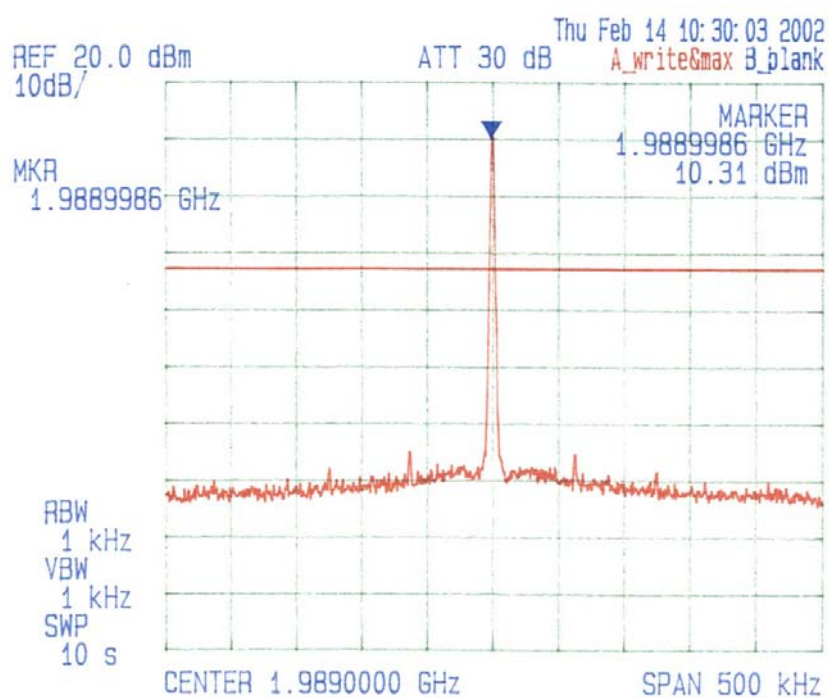
INTERMODULATION WITH 1 RF INPUT CHANNELS

CARRIER FREQUENCY: 1989 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 1 RF input signals in 1930 – 1990 MHz
Fc: 1989 MHz

Date: Feb. 14, 2002
Tested by: Hung Trinh



ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #17

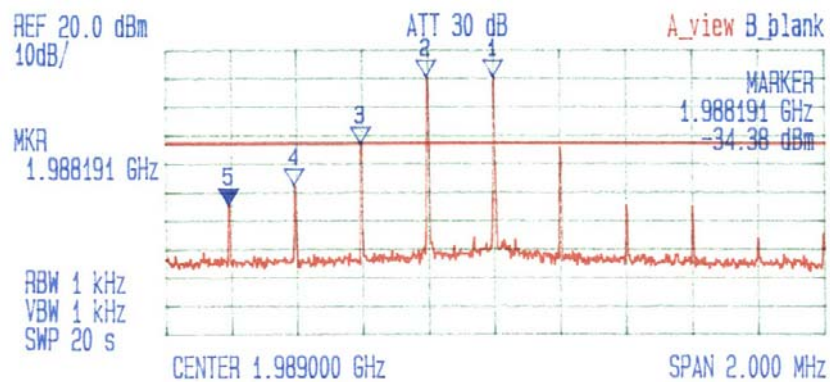
INTERMODULATION WITH 2 RF INPUT CHANNELS

CARRIER FREQUENCY: 1989 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 2 RF input signals in 1930 – 1990 MHz
Fc: 1989 MHz
F₀ & F₀ - 0.2 MHz

Date: Feb. 14, 2002
Tested by: Hung Trinh



RF INPUT
① = -30.1 dBm
② = -30.0 dBm

*** Multi Marker List ***

No.1:	1.988997 GHz	10.91 dBm	A
No.2:	1.988794 GHz	10.97 dBm	A
No.3:	1.988594 GHz	-13.00 dBm	A
No.4:	1.988391 GHz	-27.47 dBm	A
No.5:	1.988191 GHz	-34.38 dBm	A
No.6:			
No.7:			
No.8:			
Δ:			

ANNEX 1 – TEST DATA MEASUREMENT PLOTS

FCC ID: P6T1901

PLOT #18

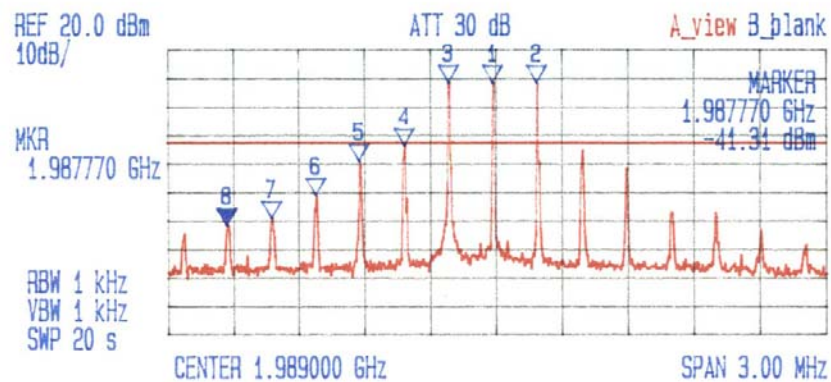
INTERMODULATION WITH 3 RF INPUT CHANNELS

CARRIER FREQUENCY: 1989 MHz



PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Intermodulation with 3 RF input signals in 1930 – 1990 MHz
Fc: 1989 MHz
 $F_c - 0.2, F_c, F_c + 0.2$ MHz

Date: Feb 15, 2002
Tested by: Hung Trinh



RF INPUT
① = -32 dBm
② = -31.3 dBm
③ = -32.4 dBm

*** Multi Marker List ***

No.1:	1.988983 GHz	8.72 dBm	A
No.2:	1.989184 GHz	8.88 dBm	A
No.3:	1.988781 GHz	8.81 dBm	A
No.4:	1.988580 GHz	-13.09 dBm	A
No.5:	1.988374 GHz	-18.75 dBm	A
No.6:	1.988177 GHz	-30.94 dBm	A
No.7:	1.987976 GHz	-38.88 dBm	A
No.8:	1.987770 GHz	-41.31 dBm	A

Δ: