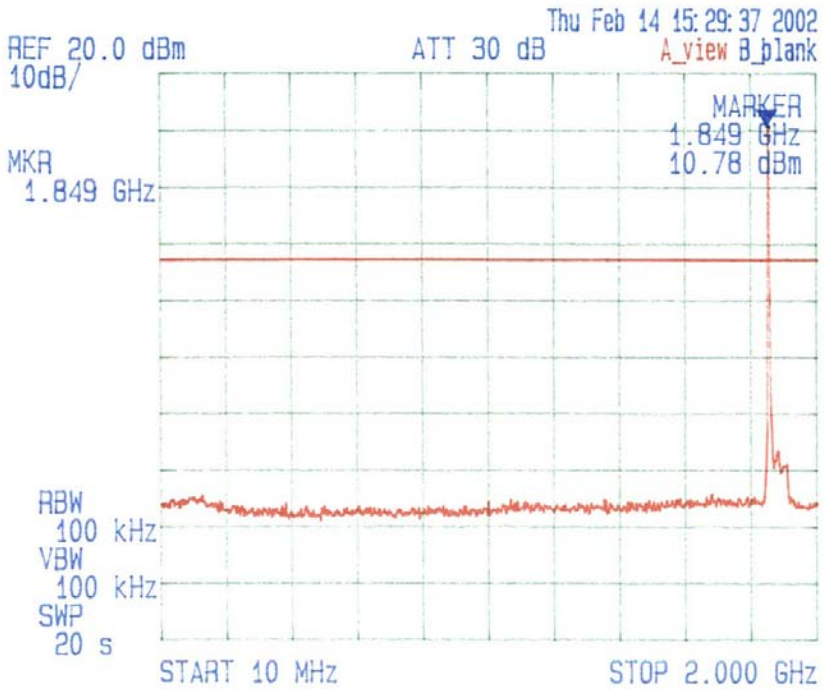
PLOT #133

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1851 MHz
2 RF INPUT/OUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1850 - 1910 MHz Output with 2 RF input signals
Fc : 1851 MHz, RF In / Out Frequency Fc & Fc + 0.2 MHz

Date: Feb. 14 2002
Tested by: Hung Trinh



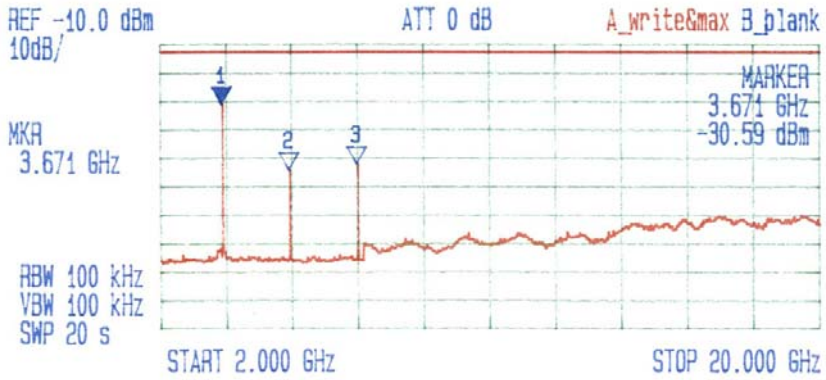
PLOT #134

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1851 MHz
2 RF INPUT/OUTPUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1850 - 1910 MHz Output with 2 RF input signals
Fc : 1851 MHz, RF In / Out Frequency Fc & Fc +0.2 MHz

Date: Feb. 14 2002
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	3.671 GHz	-30.59 dBm	A
No.2:	5.523 GHz	-53.66 dBm	A
No.3:	7.374 GHz	-51.88 dBm	A
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			

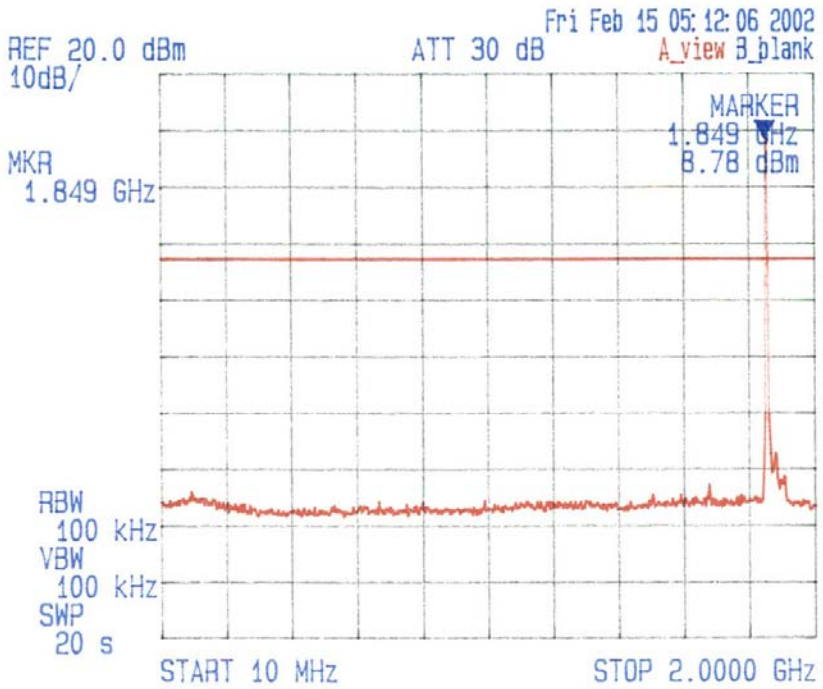
PLOT #135

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1851 MHz
3 RF INPUT/OUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1850 - 1910 MHz Output with 3 RF input signals
Fc : 1851 MHz, RF In / Out Frequency Fc-0.2, Fc, Fc+0.2 MHz

Date: Feb. 15 2002
Tested by: Hung Trinh



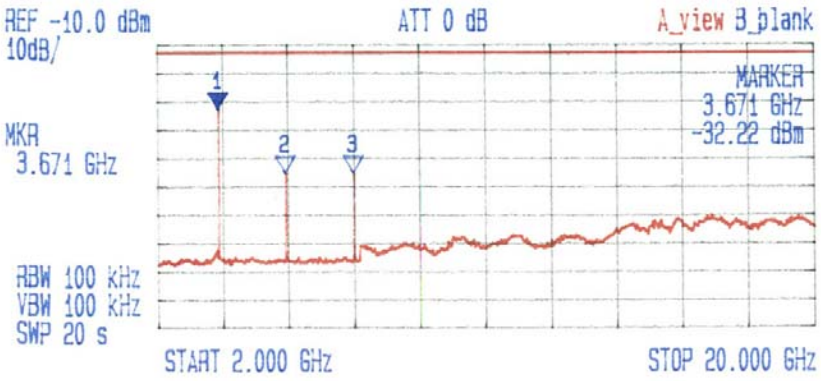
PLOT #136

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1851 MHz
3 RF INPUT/OUTPUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1850 - 1910 MHz Output with 3 RF input signals
Fc : 1851 MHz, RF In / Out Frequency Fc-0.2, Fc, Fc +0.2 MHz

Date: Feb. 15 2002
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	3.671 GHz	-32.22 dBm	A
No.2:	5.523 GHz	-55.00 dBm	A
No.3:	7.374 GHz	-54.97 dBm	A
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			

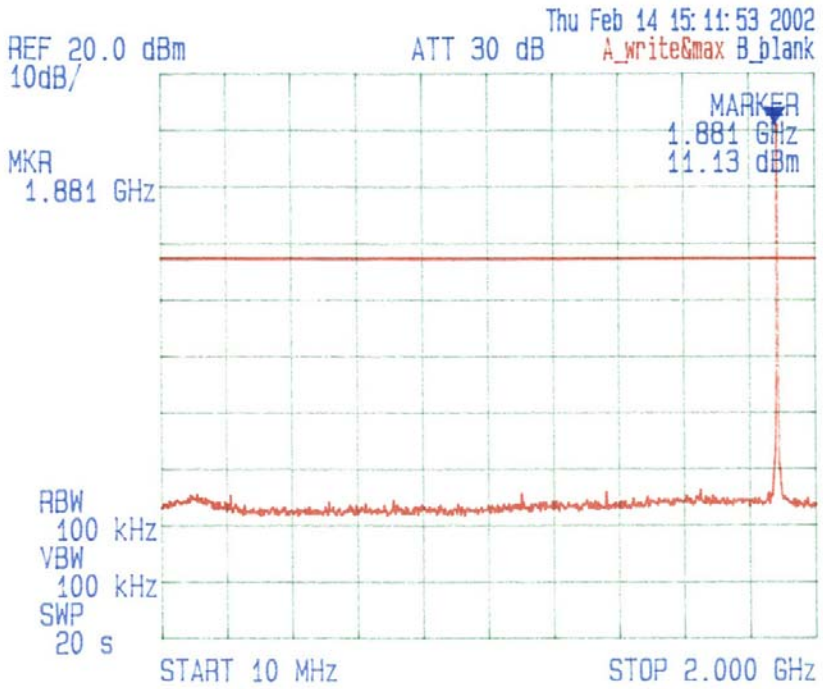
PLOT #137

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1880 MHz
2 RF INPUT/OUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1850 - 1910 MHz Output with 2 RF input signals
Fc : 1880 MHz, RF In / Out Frequency Fc & Fc +0.2 MHz

Date: Feb. 14 2002
Tested by: Hung Trinh



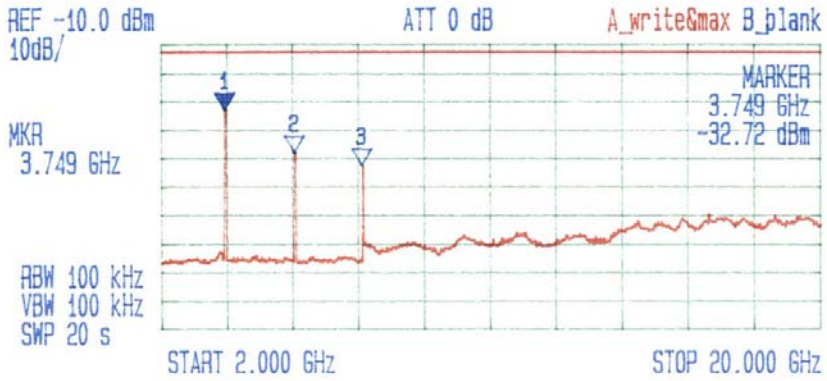
PLOT #138

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1880 MHz
2 RF INPUT/OUTPUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1850 - 1910 MHz Output with 2 RF input signals
Fc: 1880 MHz, RF In / Out Frequency Fo & Fo +0.2 MHz.

Date: Feb. 11 2002
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	3.749 GHz	-32.72 dBm	A
No.2:	5.651 GHz	-47.94 dBm	A
No.3:	7.503 GHz	-52.19 dBm	A
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			

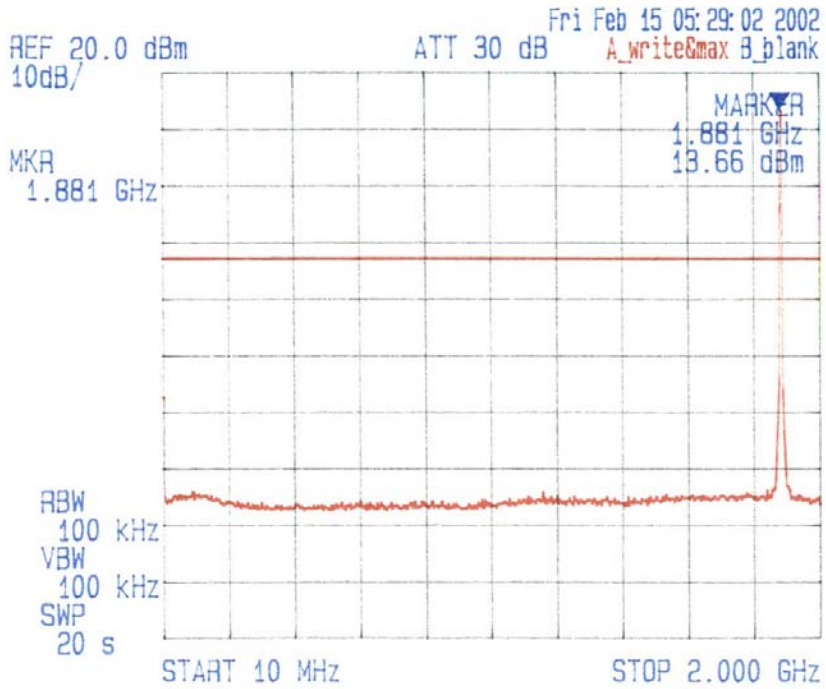
PLOT #139

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1880 MHz
3 RF INPUT/OUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1850 - 1910 MHz Output with 3 RF input signals
Fc : 1880 MHz, RF In / Out Frequency Fc-0.2, Fc, Fc+0.24MHz

Date: Feb. 15 2002
Tested by: Hung Trinh



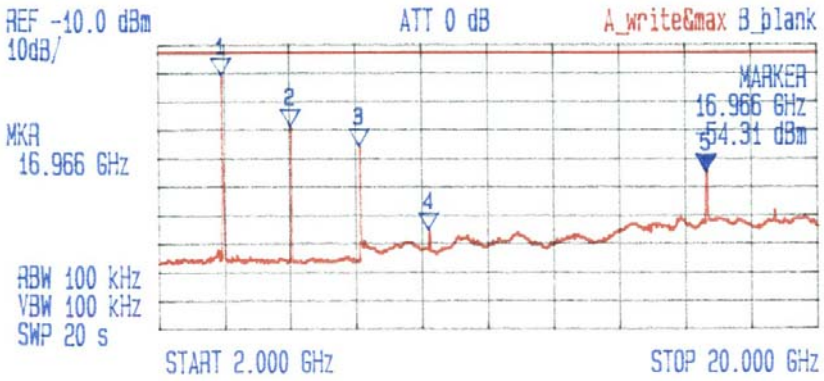
PLOT #140

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1880 MHz
3 RF INPUT/OUTPUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1850 - 1910 MHz Output with 3 RF input signals
Fc : 1880 MHz, RF In / Out Frequency Fc - 0.2, Fc, Fc + 0.2 MHz

Date: Feb. 15 2002
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	3.723 GHz	-20.13 dBm	A
No.2:	5.626 GHz	-38.28 dBm	A
No.3:	7.503 GHz	-45.03 dBm	A
No.4:	9.380 GHz	-74.72 dBm	A
No.5:	16.966 GHz	-54.31 dBm	A
No.6:			
No.7:			
No.8:			
Δ:			

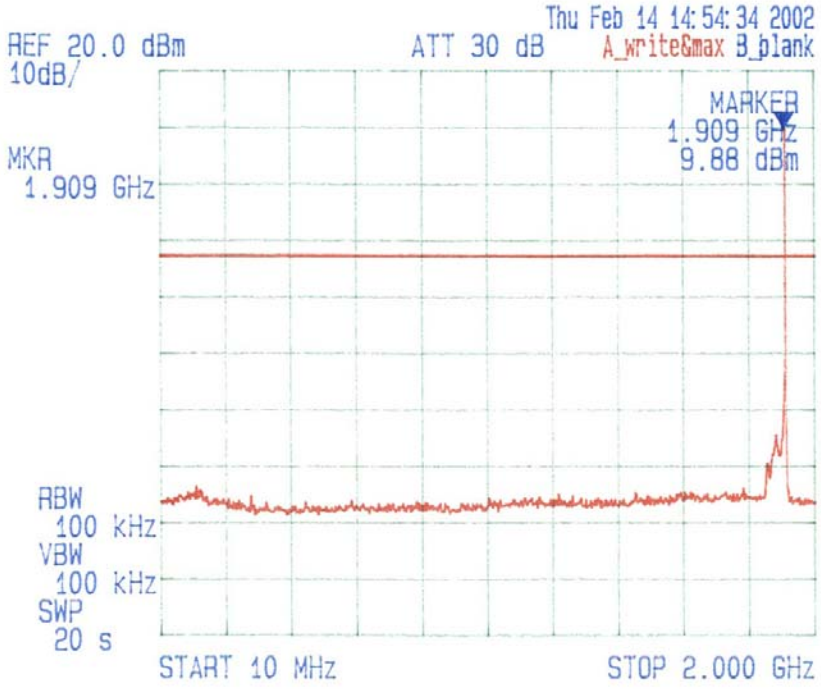
PLOT #141

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1909 MHz
2 RF INPUT/OUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1850 - 1910 MHz Output with 2 RF input signals
Fc : 1909 MHz, RF In / Out Frequency Fc & Fc - 0.2 MHz

Date: Feb. 14 2002
Tested by: Hung Trinh



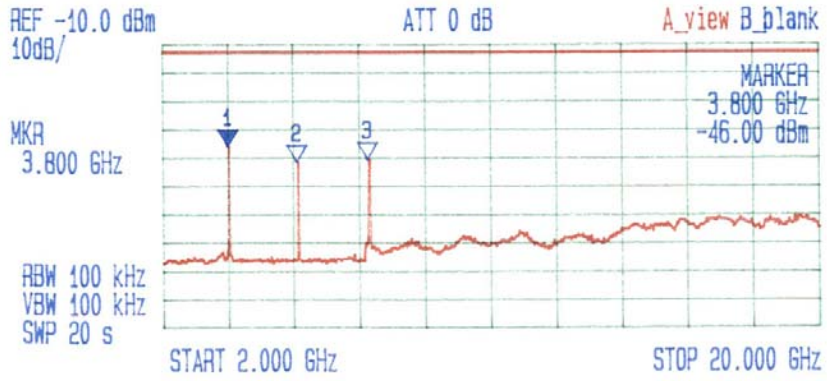
PLOT #142

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1909 MHz
2 RF INPUT/OUTPUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1850 - 1910 MHz Output with 2 RF input signals
Fc : 1909.0 MHz, RF In / Out Frequency Fc & Fc + OFR MHz

Date: Feb. 14 2002
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	3.800 GHz	-46.00 dBm	A
No.2:	5.703 GHz	-51.19 dBm	A
No.3:	7.631 GHz	-50.16 dBm	A
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			

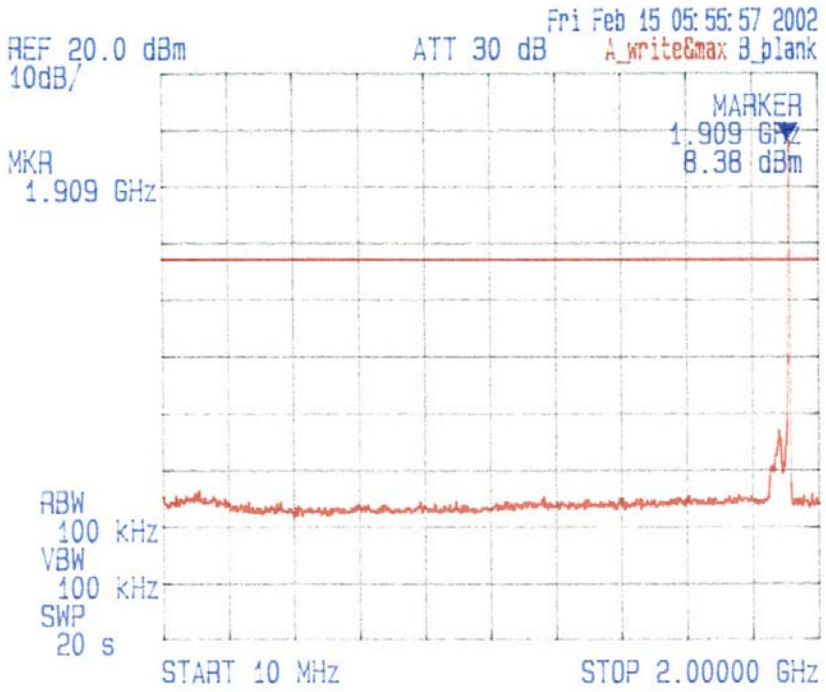
PLOT #143

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1909 MHz
3 RF INPUT/OUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1850 - 1910 MHz Output with 3 RF input signals
Fc : 1900 MHz, RF In / Out Frequency Fc-0.6, Fc, Fc+0.6 MHz

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



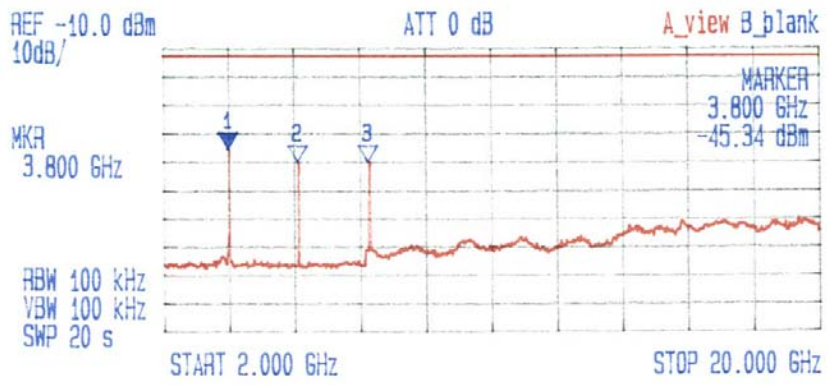
PLOT #144

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1909 MHz
3 RF INPUT/OUTPUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1850 - 1910 MHz Output with 3 RF input signals
Fc : 1909 MHz, RF In / Out Frequency Fc-0.2, Fc, Fc+0.2 MHz

Date: Feb. 15 2002
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	3.800 GHz	-45.34 dBm	A
No.2:	5.703 GHz	-49.97 dBm	A
No.3:	7.631 GHz	-49.66 dBm	A
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			

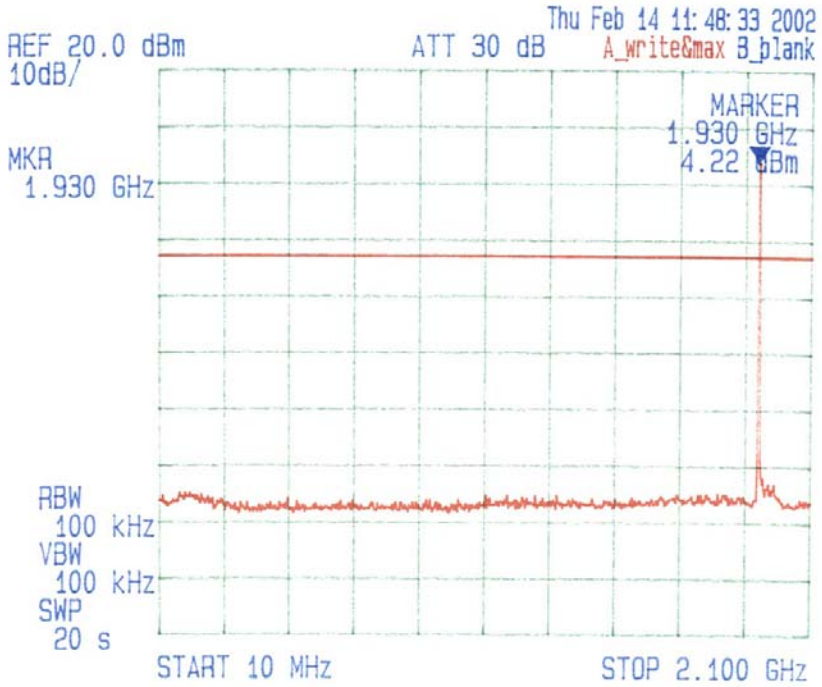
PLOT #145

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1931 MHz
2 RF INPUT/OUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1930 – 1990 MHz Output with 2 RF input signals
Fc : 1931 MHz, RF In / Out Frequency Fc & Fc + 0.2 MHz

Date: Feb. 14 2002
Tested by: Hung Trinh



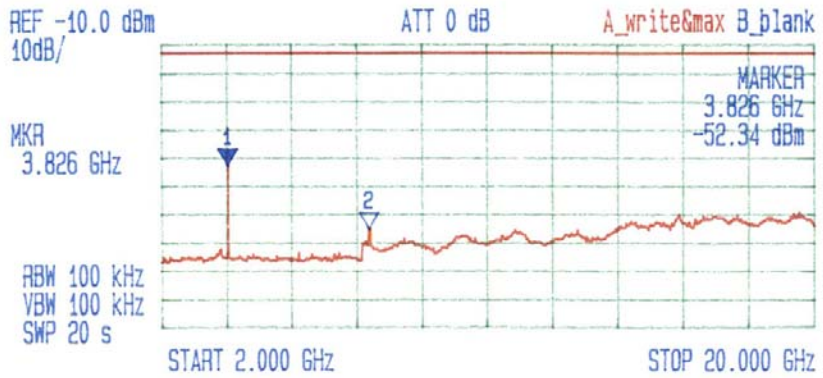
PLOT #146

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1931 MHz
2 RF INPUT/OUTPUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1930 – 1990 MHz Output with 2 RF input signals
Fc : 1931 MHz, RF In / Out Frequency Fo & Fo +0.2 MHz

Date: Feb. 14 2002
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	3.826 GHz	-52.34 dBm	A
No.2:	7.734 GHz	-74.59 dBm	A
No.3:			
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			

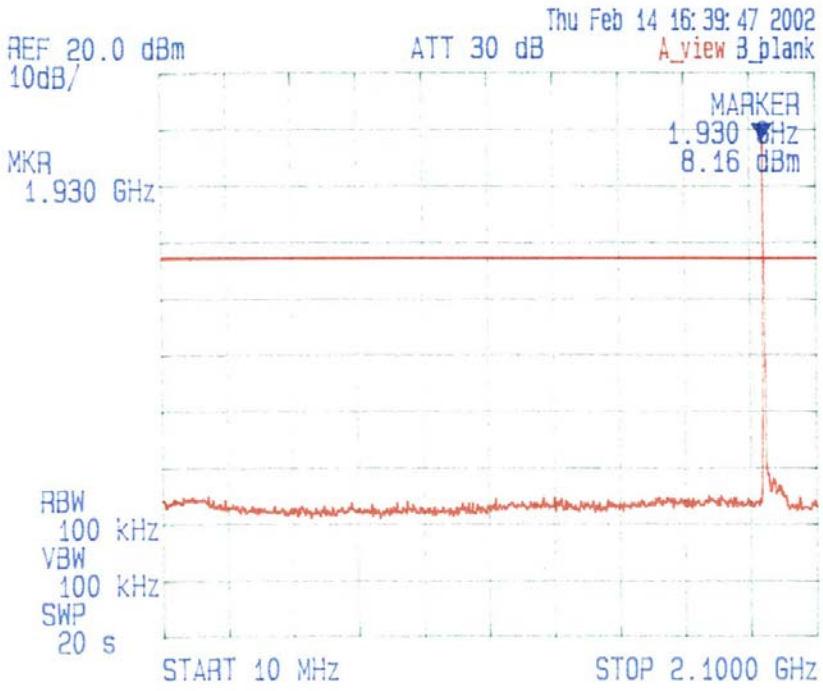
PLOT #147

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1931 MHz
3 RF INPUT/OUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1930 – 1990 MHz Output with 3 RF input signals
Fc : 1931 MHz, RF In / Out Frequency Fc -0.3, Fc, Fc +0.3 MHz

Date: Feb. 14 2002
Tested by: Hung Trinh



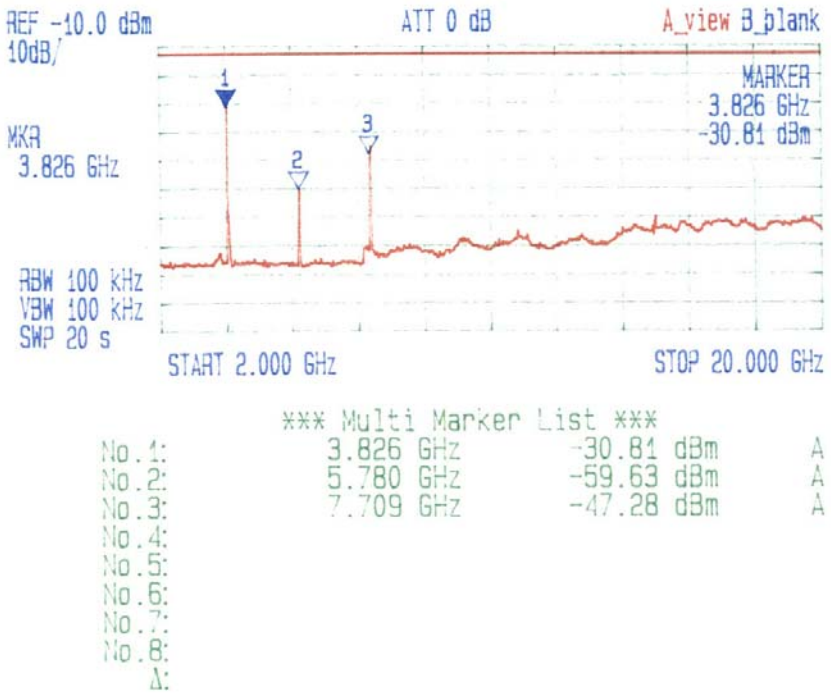
PLOT #148

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1931MHz
3 RF INPUT/OUTPUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1930 – 1990 MHz Output with 3 RF input signals
Fc : 1931 MHz, RF In / Out Frequency Fc - 0.2, Fc, Fc + 0.2 MHz

Date: Feb. 14 2002
Tested by: Hung Trinh



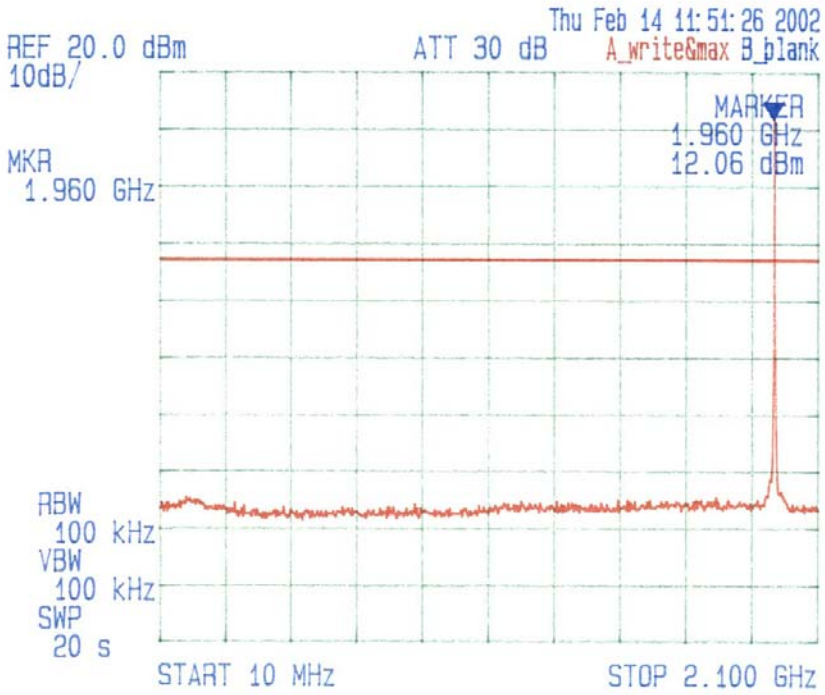
PLOT #149

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1960 MHz
2 RF INPUT/OUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1930 – 1990 MHz Output with 2 RF input signals
Fc : 1960 MHz, RF In / Out Frequency Fc & Fc + 0.2 MHz

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



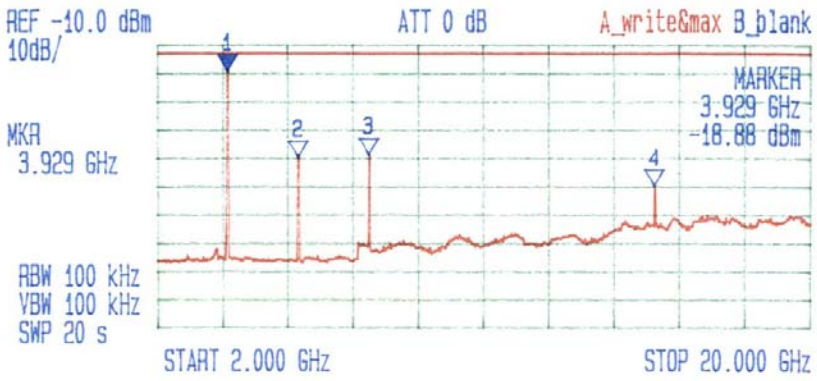
PLOT #150

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1960 MHz
2 RF INPUT/OUTPUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1930 – 1990 MHz Output with 2 RF input signals
Fc : 1960 MHz, RF In / Out Frequency Fc & Fc +0.2 MHz

Date: Feb. 14 2002
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	3.929 GHz	-18.88 dBm	A
No.2:	5.883 GHz	-49.31 dBm	A
No.3:	7.837 GHz	-48.44 dBm	A
No.4:	15.706 GHz	-59.31 dBm	A
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			

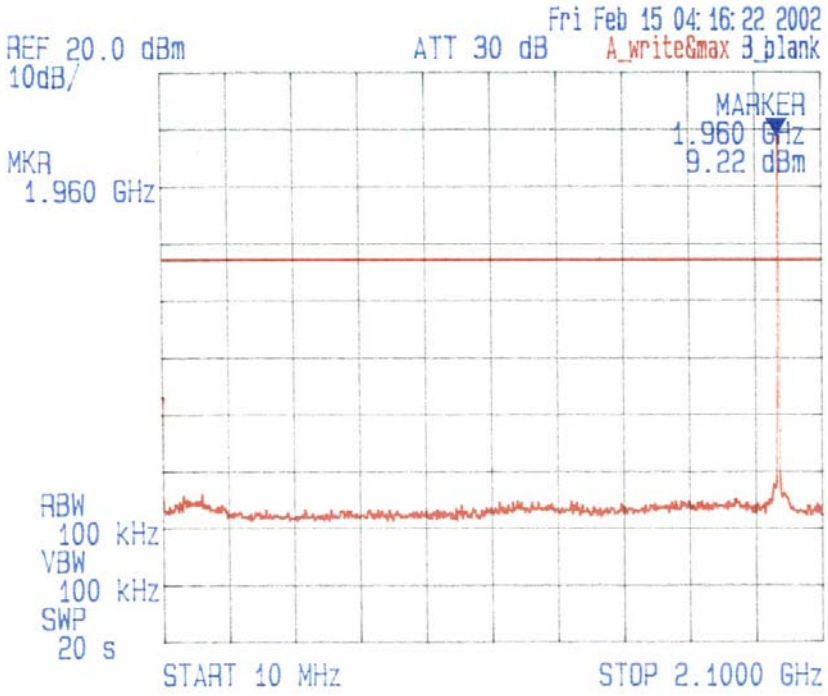
PLOT #151

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1960 MHz
3 RF INPUT/OUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1930 – 1990 MHz Output with 3 RF input signals
Fc : 1960 MHz, RF In / Out Frequency Fc-0.2, Fc, Fc+0.2 MHz

Date: Feb. 15 2002
Tested by: Hung Trinh



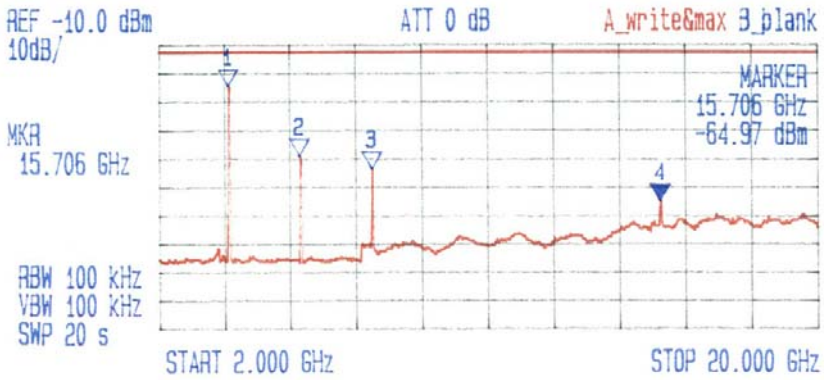
PLOT #152

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1960 MHz
3 RF INPUT/OUTPUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1930 – 1990 MHz Output with 3 RF input signals
Fc : 1960 MHz, RF In / Out Frequency Fc-0.2, Fc, Fc+0.2MHz

Date: Feb. 15 2002
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	3.903 GHz	-24.03 dBm	A
No.2:	5.857 GHz	-48.91 dBm	A
No.3:	7.837 GHz	-53.38 dBm	A
No.4:	15.706 GHz	-64.97 dBm	A
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			

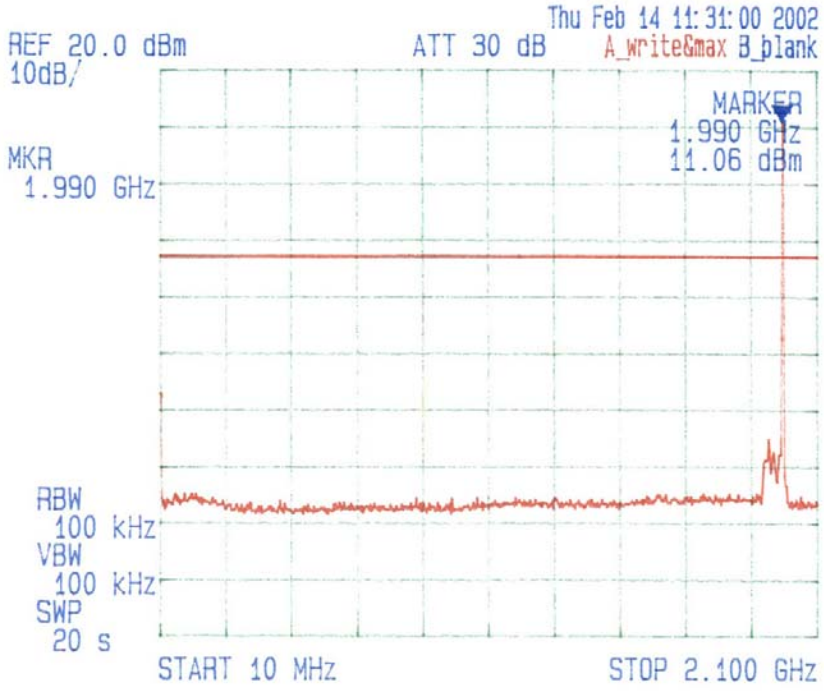
PLOT #153

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1989 MHz
2 RF INPUT/OUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1930 – 1990 MHz Output with 2 RF input signals
Fc : 1989 MHz, RF In / Out Frequency Fc & Fc-0.25 MHz

Date: Feb. 14 2002
Tested by: Hung Trinh



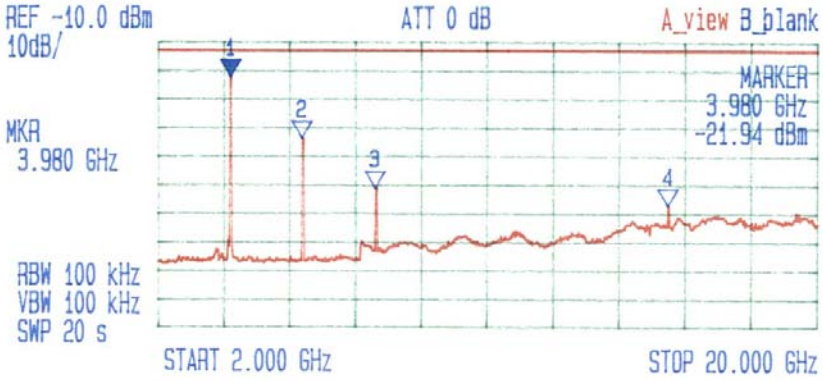
PLOT #154

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1989 MHz
2 RF INPUT/OUTPUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1930 – 1990 MHz Output with 2 RF input signals
Fc : 1989 MHz, RF In / Out Frequency Fc & Fc - 0.05 MHz

Date: Feb. 14 2002
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	3.980 GHz	-21.94 dBm	A
No.2:	5.934 GHz	-43.41 dBm	A
No.3:	7.940 GHz	-60.75 dBm	A
No.4:	15.937 GHz	-66.75 dBm	A
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			

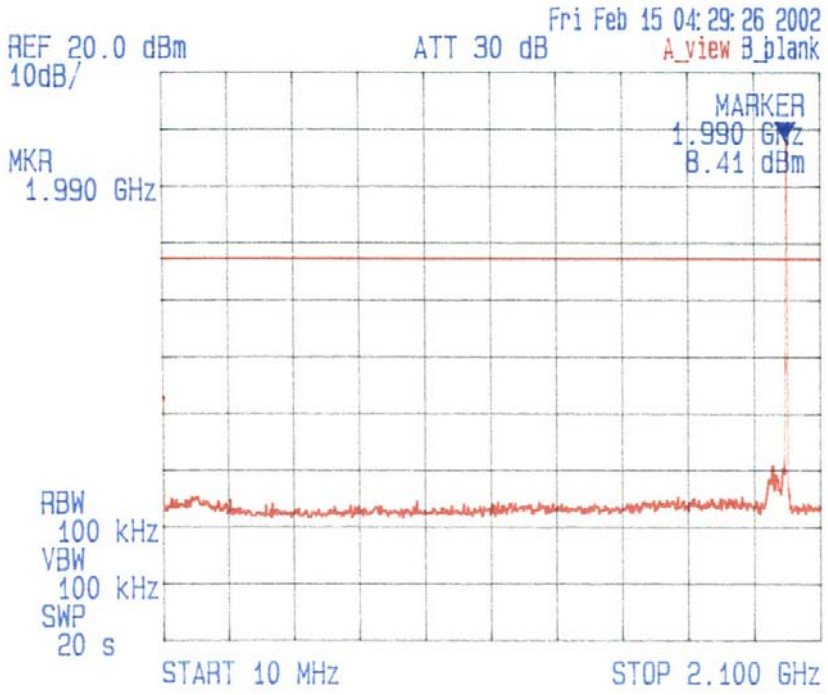
PLOT #155

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1989 MHz
3 RF INPUT/OUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1930 – 1990 MHz Output with 3 RF input signals
Fc : 1989 MHz, RF In / Out Frequency Fc-0.2, Fc, Fc+0.2 MHz

Date: Feb. 15 2002
Tested by: Hung Trinh



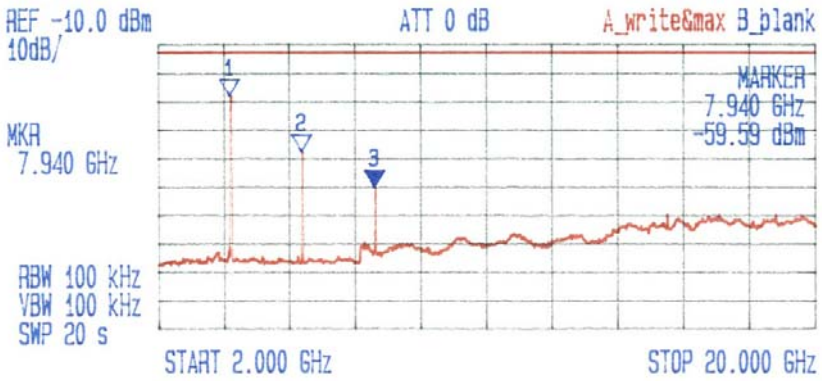
PLOT #156

CONDUCTED SPURIOUS EMISSIONS
CARRIER FREQUENCY: 1989 MHz
3 RF INPUT/OUTPUT CHANNELS

UltraTech Engineering Labs Inc.

PG ELECTRONICS LIMITED
PCS REPEATER, MODEL R231
Spurious Emission @ 1930 – 1990 MHz Output with 3 RF input signals
Fc : 1989 MHz, RF In / Out Frequency $F_c - 0.45$, F_o, $F_c + 0.45$ MHz

Date: Feb. 15 2002
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	3.954 GHz	-27.78 dBm	A
No.2:	5.934 GHz	-47.06 dBm	A
No.3:	7.940 GHz	-59.59 dBm	A
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			