

Spectrum Analyzer Plots

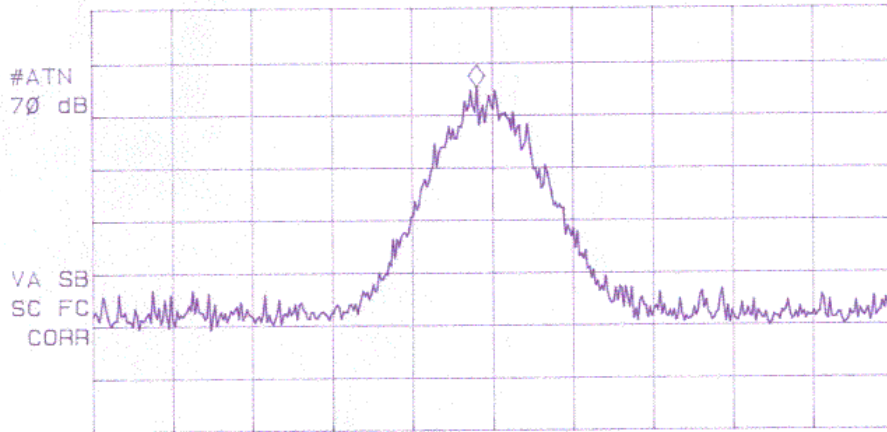
Test Log File T38457

High Channel
(Output Power)

1/2

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.47860 GHz
28.16 dBm

REF OFFST 30.0 dB
LIN REF 30.0 dBm



CENTER 2.47900 GHz SPAN 20.00 MHz
#IF BW 3.0 MHz #AVG BW 300 kHz SWP 20.0 msec

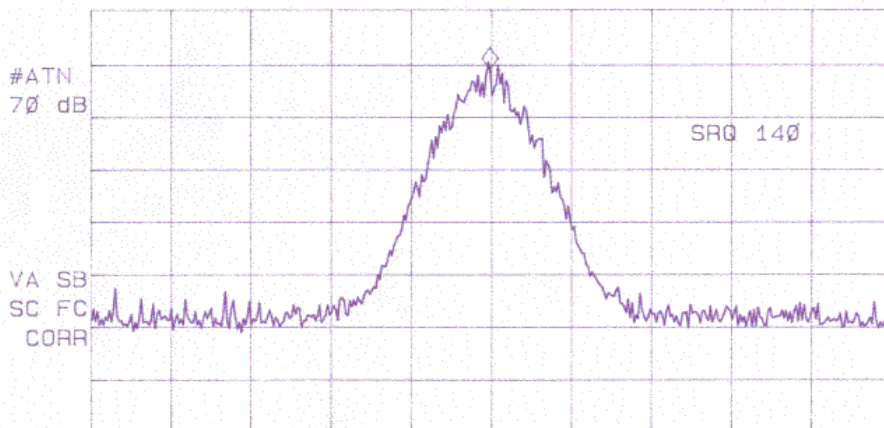
GRAPH T38457/103

Middle Channel
(Outpower)

1/2

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.43895 GHz
28.65 dBm

REF OFFST 30.0 dB
LIN REF 30.0 dBm



CENTER 2.43900 GHz SPAN 20.00 MHz
#IF BW 3.0 MHz #AVG BW 300 kHz SWP 20.0 msec

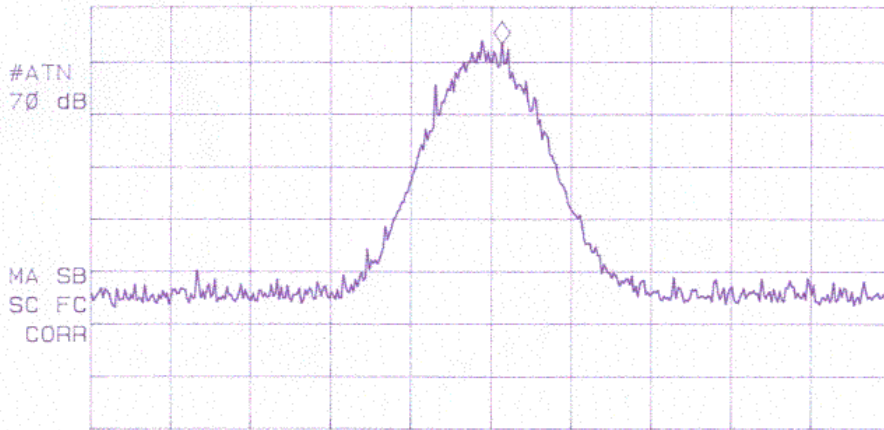
GRAPH/T38457/102

Low Channel
(Output Power)

177

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.40125 GHz
29.19 dBm

REF OFFST 30.0 dB
LIN REF 30.0 dBm



CENTER 2.40100 GHz SPAN 20.00 MHz
#IF BW 3.0 MHz #AVG BW 300 kHz SWP 20.0 msec

GRAPH/T38457/101

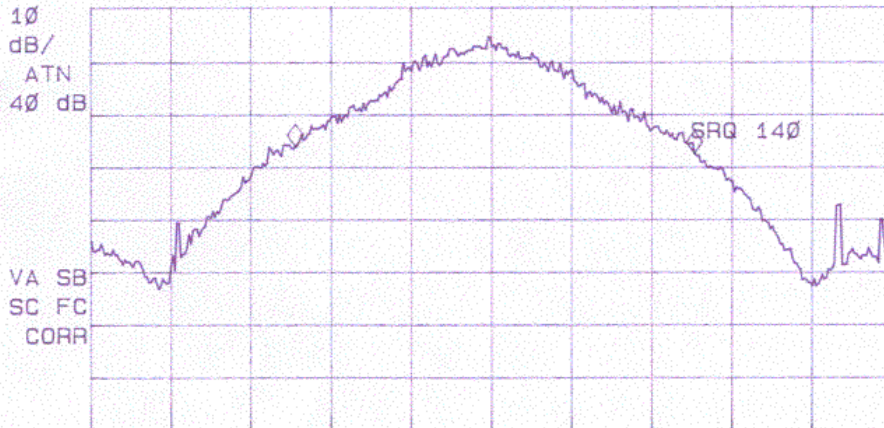
Low Channel
(20dB Bandwidth)

177

Note: Long Data Sequence

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 995 kHz
-1.35 dB

LOG REF 30.0 dBm



CENTER 2.401000 GHz SPAN 2.000 MHz
#IF BW 30 kHz #AVG BW 30 kHz SWP 20.0 msec

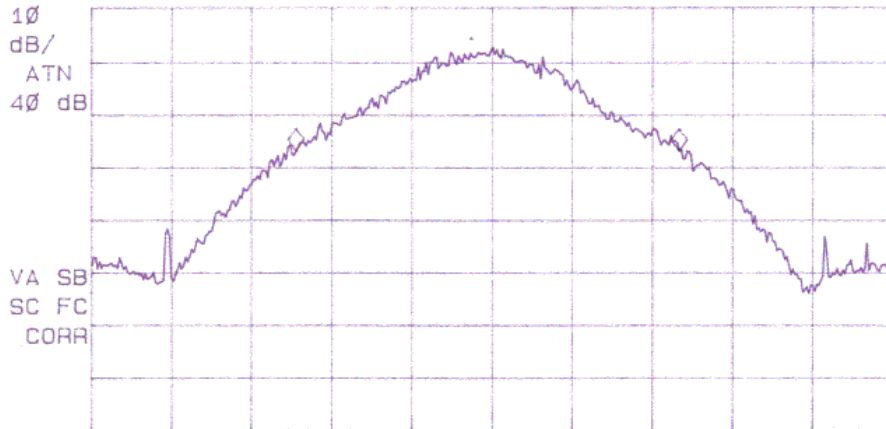
GRAPH: T38457/501

High Channel
(20dB Bandwidth)
Note: Long Data Sequence

17

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 955 kHz
-.05 dB

LOG REF 30.0 dBm



CENTER 2.479000 GHz SPAN 2.000 MHz
#IF BW 30 kHz #AVG BW 30 kHz SWP 20.0 msec

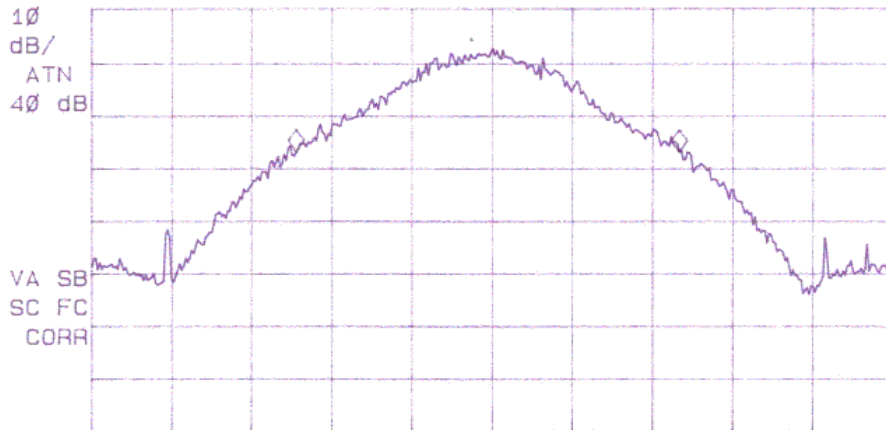
GRAPH: T38457/503

High Channel
(20dB Bandwidth)
Note: Long Data Sequence

17

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 955 kHz
-.05 dB

LOG REF 30.0 dBm



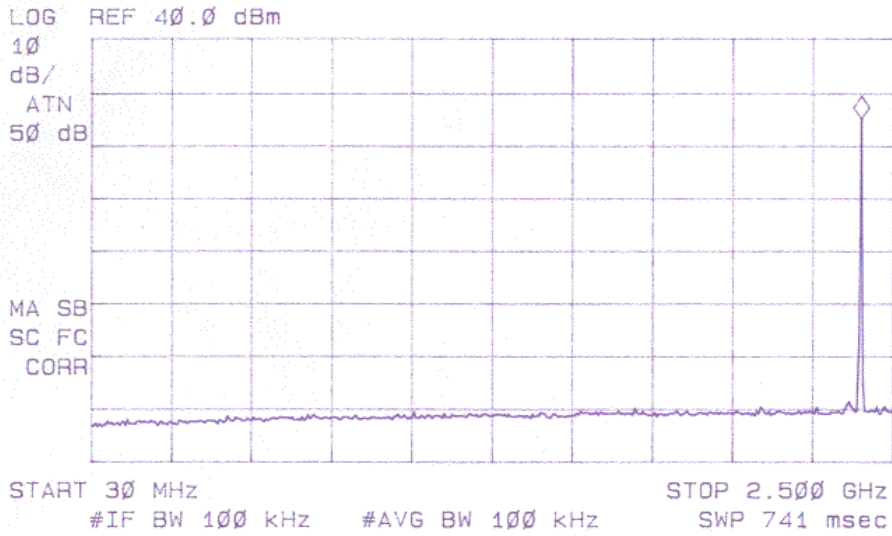
CENTER 2.479000 GHz SPAN 2.000 MHz
#IF BW 30 kHz #AVG BW 30 kHz SWP 20.0 msec

GRAPH: T38457/503

Low Channel
(Spurious)

hp

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.401 GHz
24.69 dBm

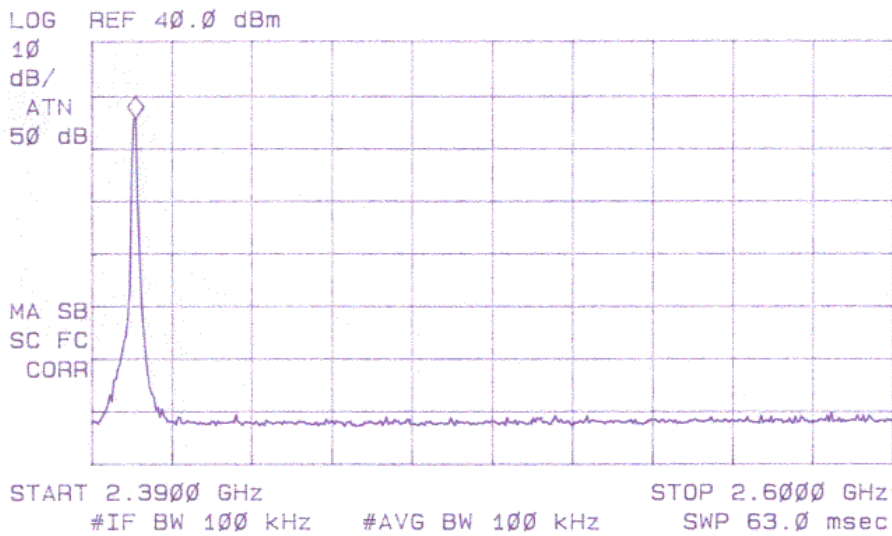


GPH/T38457/601

Low Channel
(Spurious)

hp

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.4016 GHz
25.26 dBm



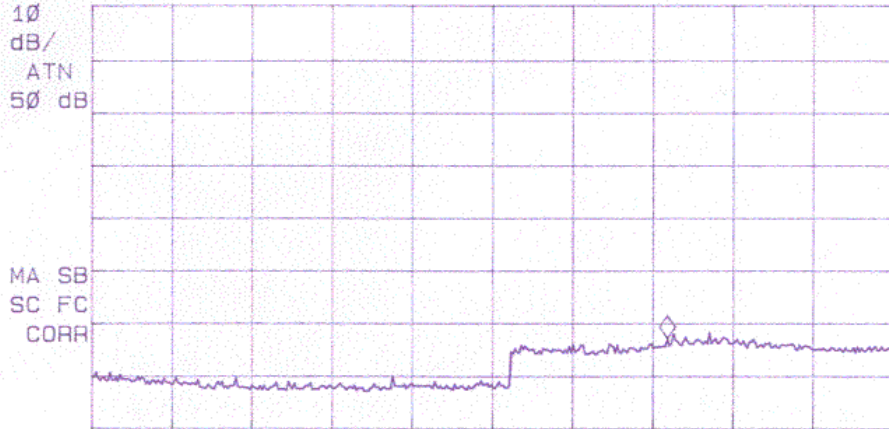
GPH/T38457/602

Low Channel
(Spurious)

177

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 7.932 GHz
-23.01 dBm

LOG REF 40.0 dBm



START 2.679 GHz STOP 10.000 GHz
#IF BW 100 kHz #AVG BW 100 kHz SWP 2.20 sec

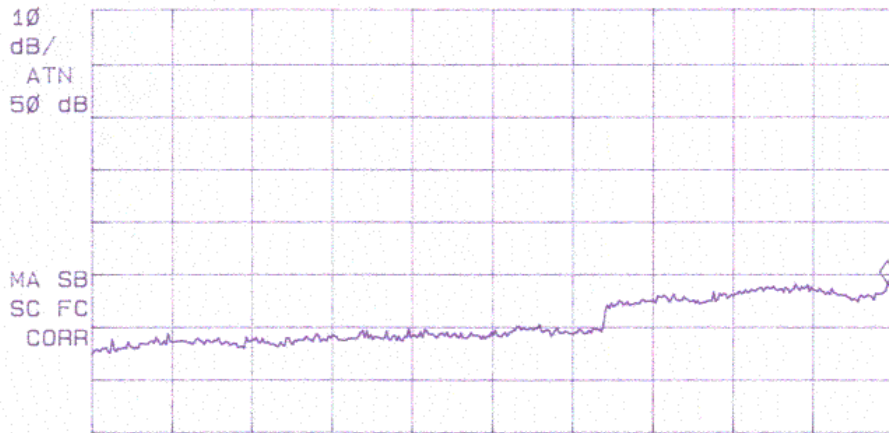
GPH/T38457/603

Low Channel
(Spurious)

177

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 24.73 GHz
-11.92 dBm

LOG REF 40.0 dBm



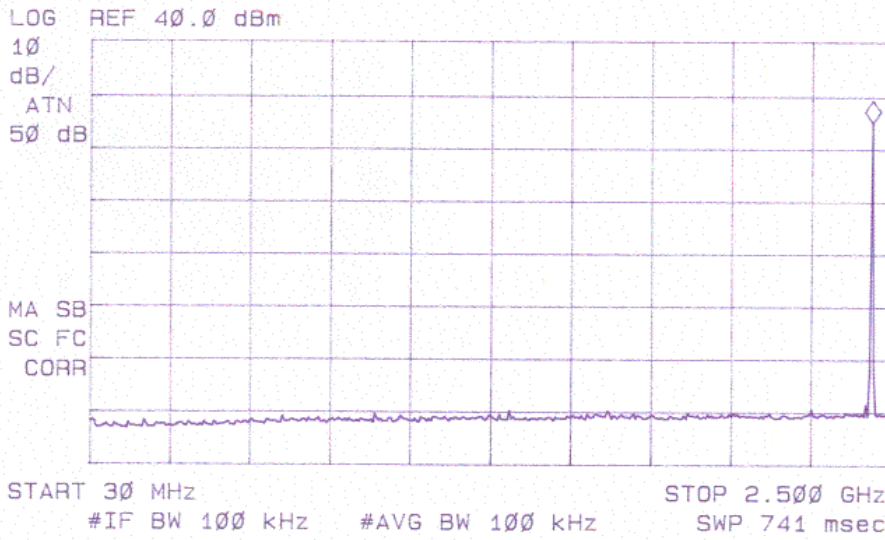
START 10.00 GHz STOP 24.84 GHz
#IF BW 100 kHz #AVG BW 100 kHz SWP 4.45 sec

GPH/T38457/604

Middle Channel
(Spurious)

170

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.438 GHz
24.54 dBm

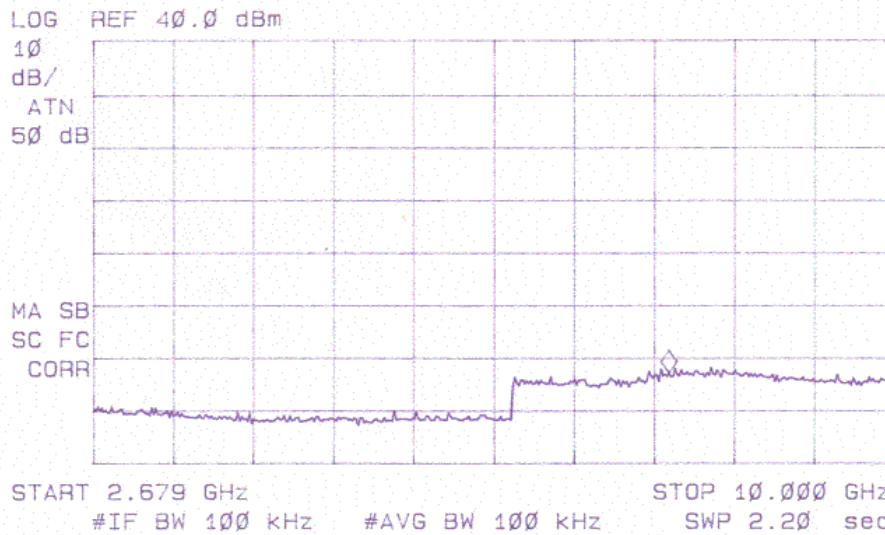


GPH/T38457/605

Middle Channel
(Spurious)

170

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 7.932 GHz
-23.01 dBm

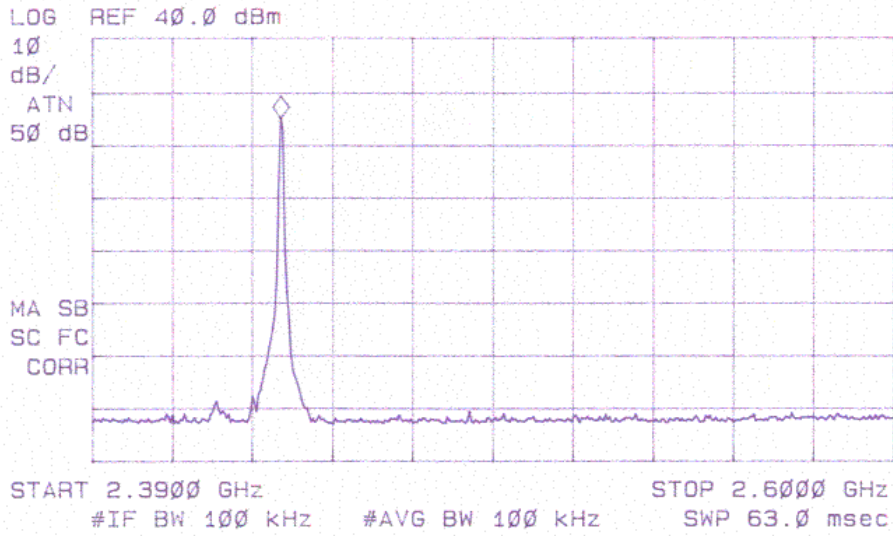


GPH/T38457/606

Middle Channel
(Spurious)

170

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.4394 GHz
24.61 dBm

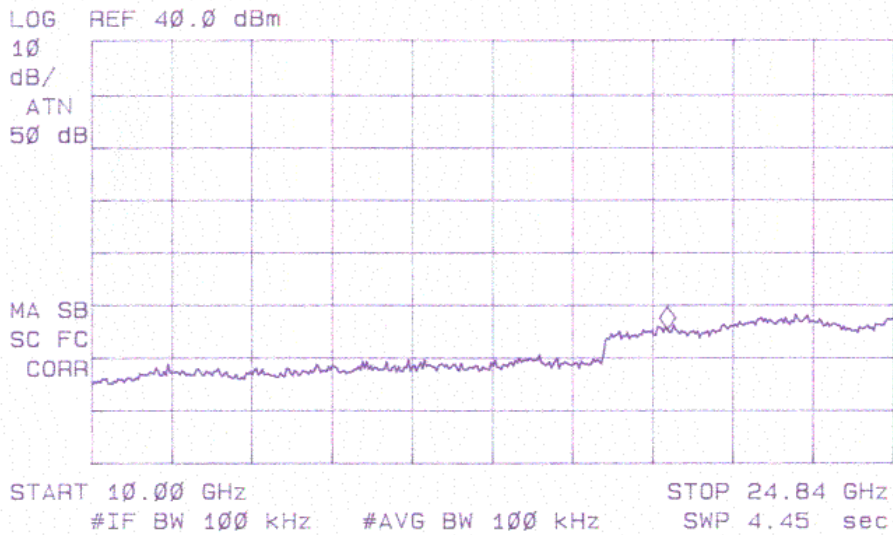


GPH/T38457/607

Middle Channel
(Spurious)

170

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 20.65 GHz
-14.88 dBm



GPH/T38457/608

High Channel
(Spurious)

177

MARKER
2.481 GHz
23.73 dBm

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.481 GHz
23.73 dBm

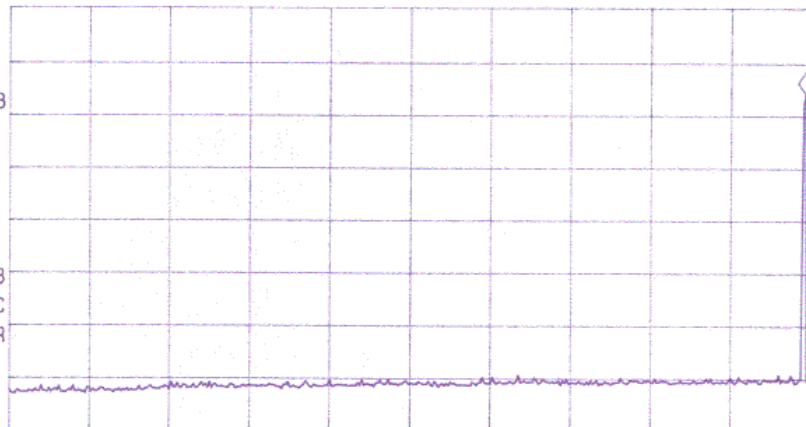
CLEAR
WRITE A

MAX
HOLD A

LOG REF 40.0 dBm

10
dB/
ATN
50 dB

MA SB
SC FC
CORR



VIEW A

BLANK A

Trace
A B C

More
1 of 4

START 30 MHz

STOP 2.500 GHz

#IF BW 100 kHz

#AVG BW 100 kHz

SWP 741 msec

GPH/T38457/609

High Channel
(Spurious)

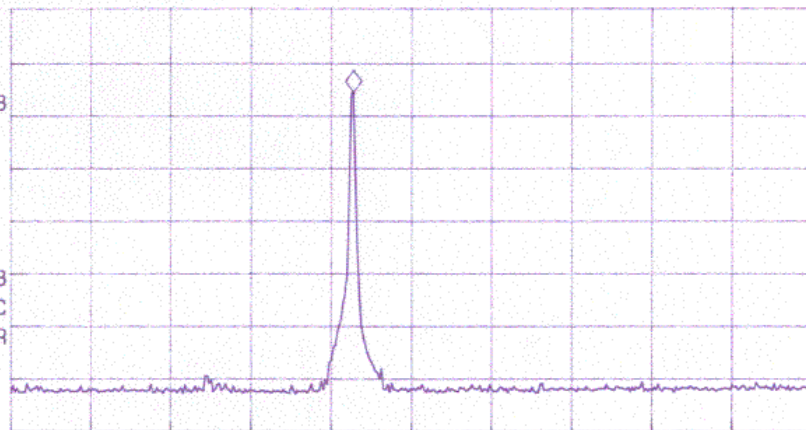
178

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 2.4798 GHz
23.89 dBm

LOG REF 40.0 dBm

10
dB/
ATN
50 dB

MA SB
SC FC
CORR



START 2.3900 GHz

STOP 2.6000 GHz

#IF BW 100 kHz

#AVG BW 100 kHz

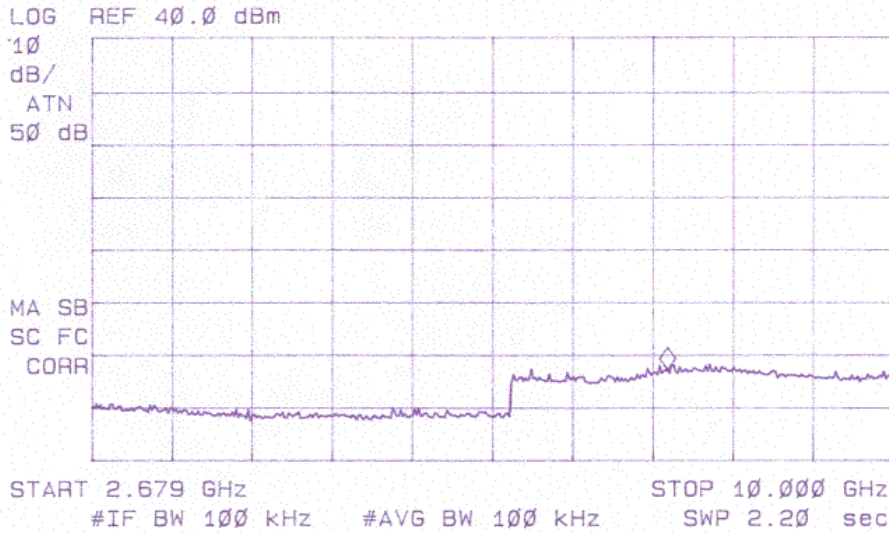
SWP 63.0 msec

GPH/T38457/610

High Channel
(Spurious)

1/27

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 7.932 GHz
-23.01 dBm

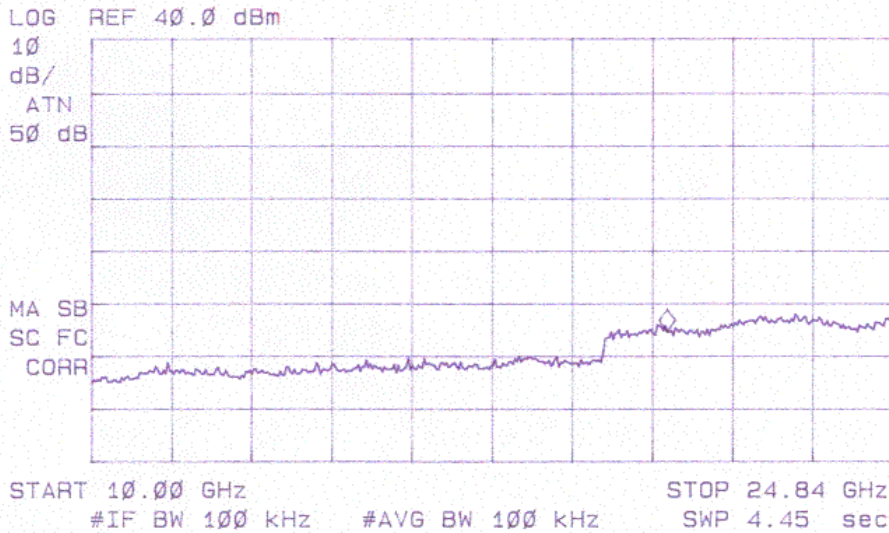


GPH/T38457/611

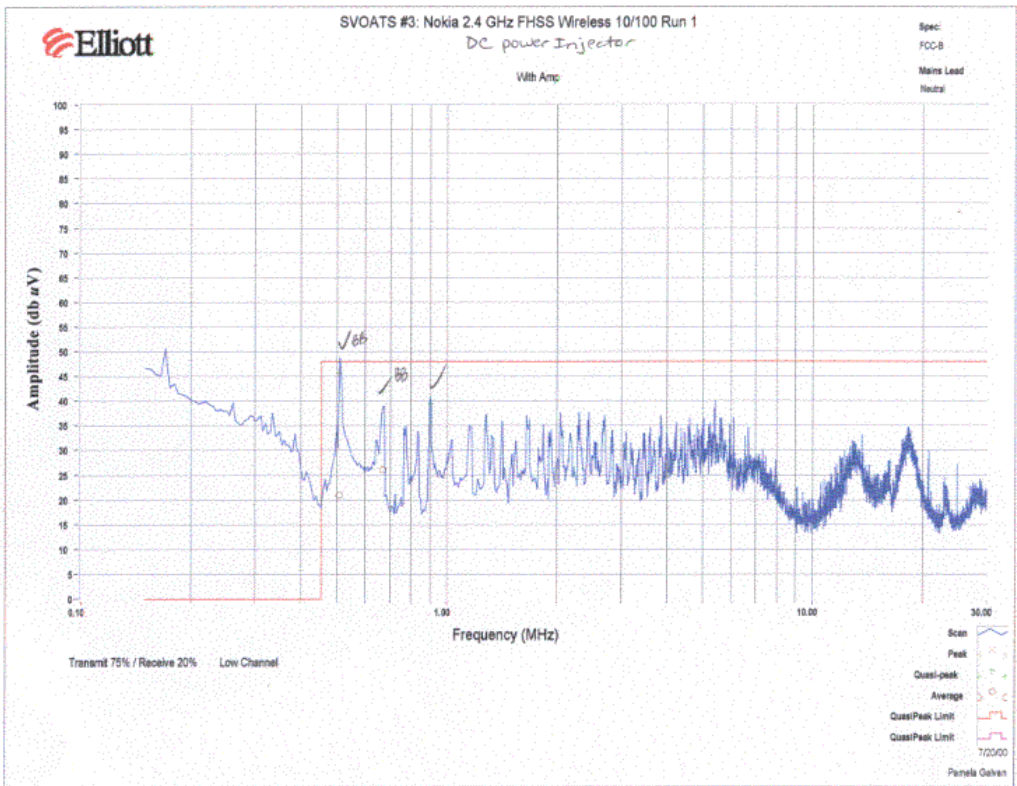
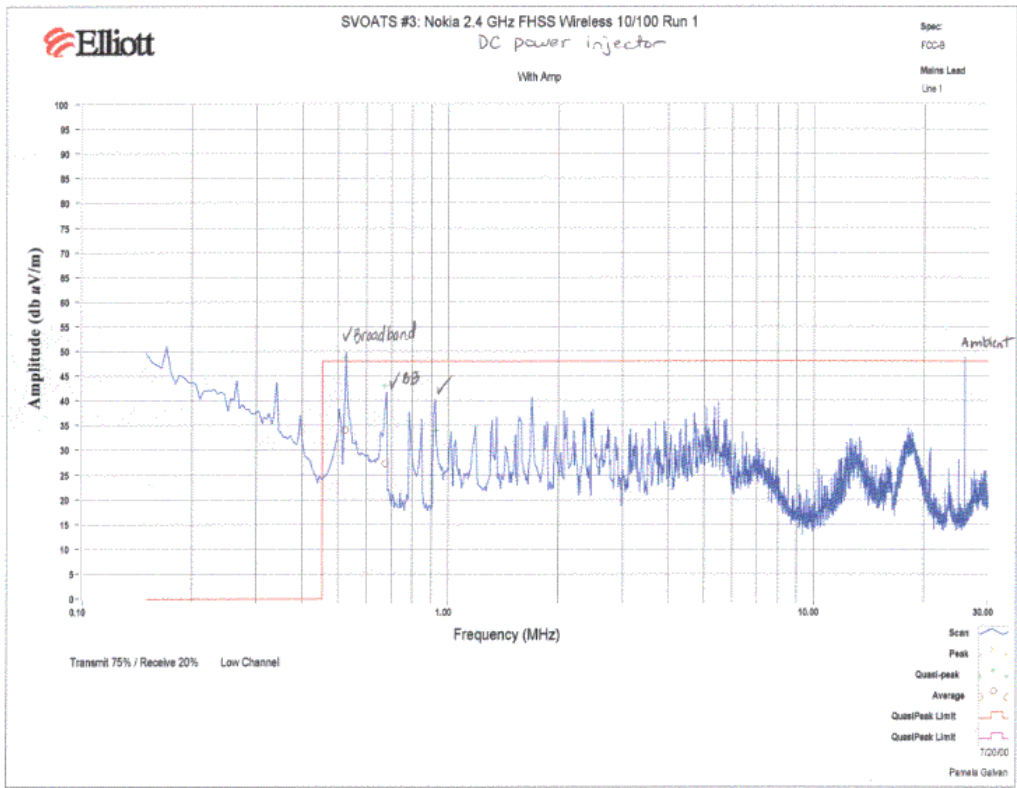
High Channel
(Spurious)

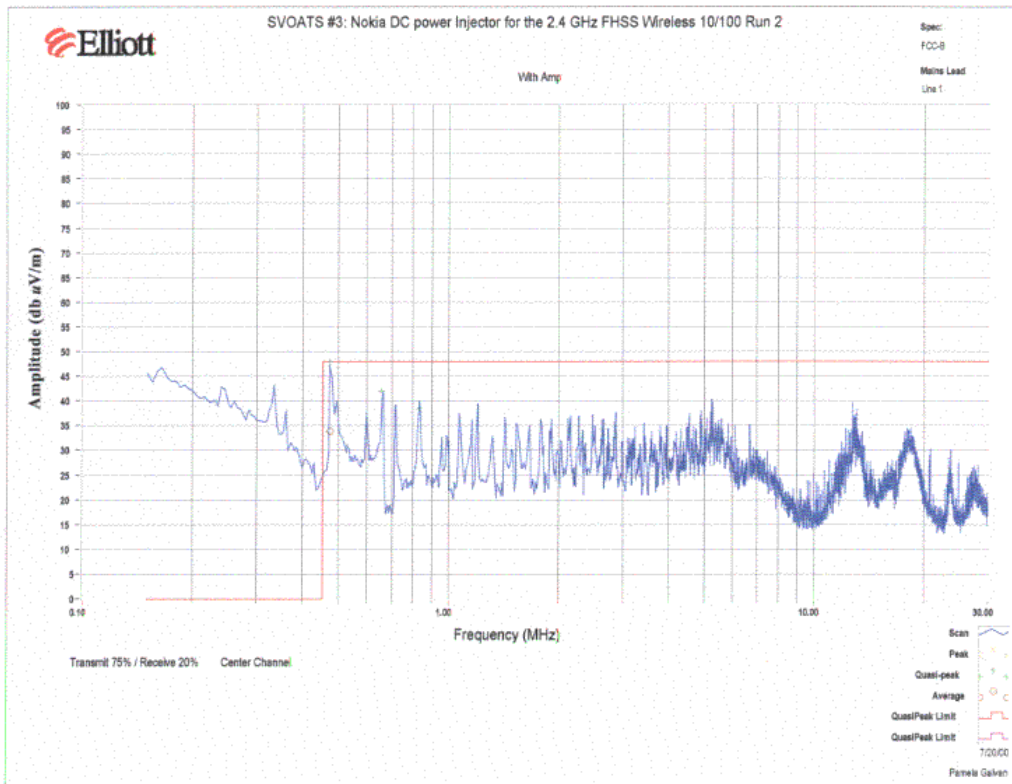
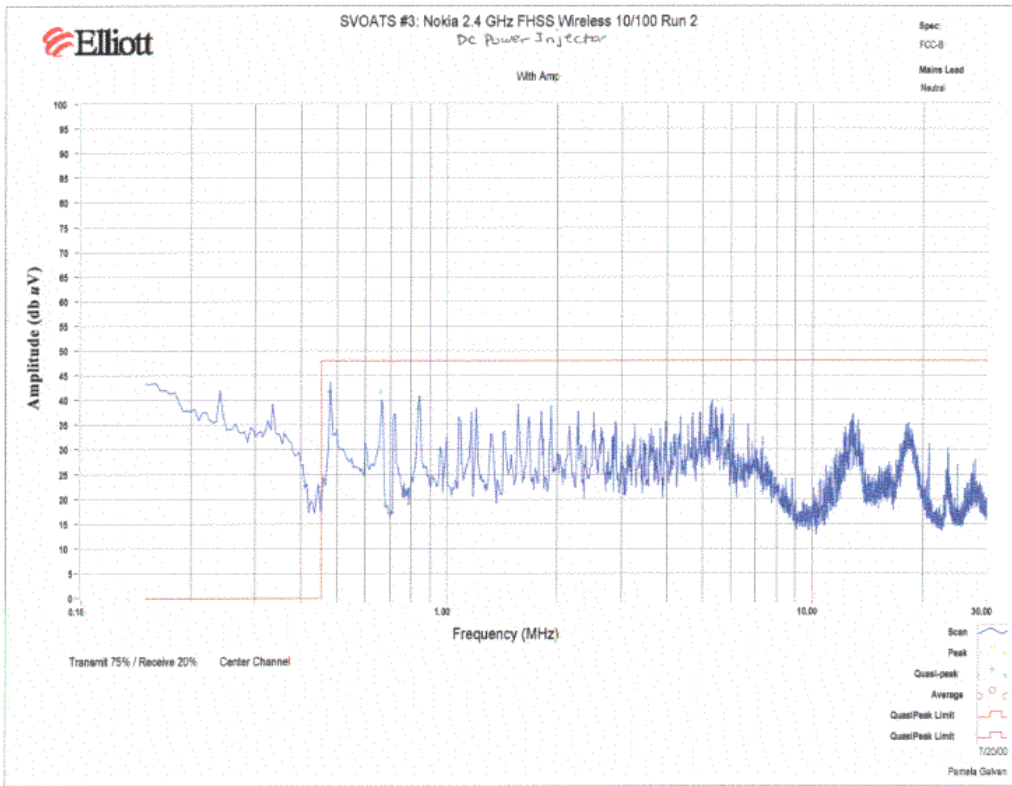
1/27

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 20.65 GHz
-15.64 dBm



GPH/T38457/612



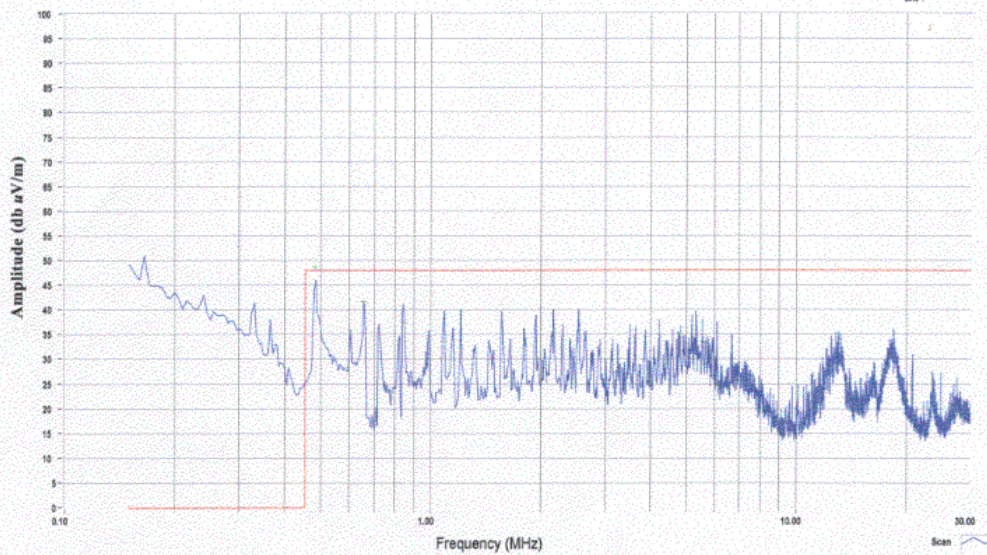




SVOATS #3: Nokia DC power injector for the 2.4 GHz FHSS Wireless 10/100 Run 3

Spec:
FCC-B
Mains Lead
Lins 1

With Amp



Transmit 75% / Receive 20% High Channel

- Scan
- Peak
- Quasi-peak
- Average
- QuasiPeak Limit
- QuasiPeak Limit
- 1/2000
- Pamela Galvan