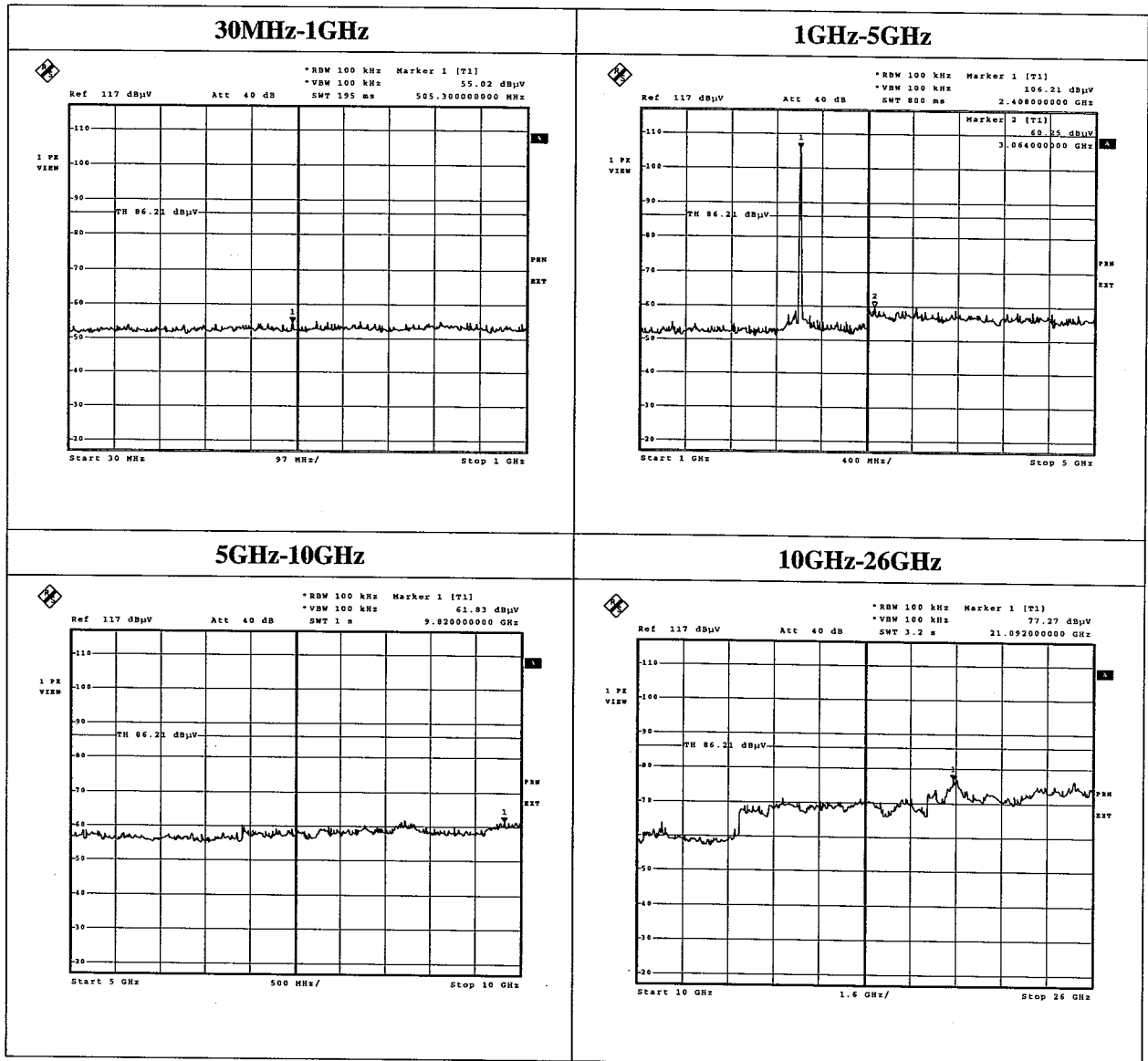


Out Band Emissions (Conducted)

Main Antenna Data Rate : 11b 11Mbps

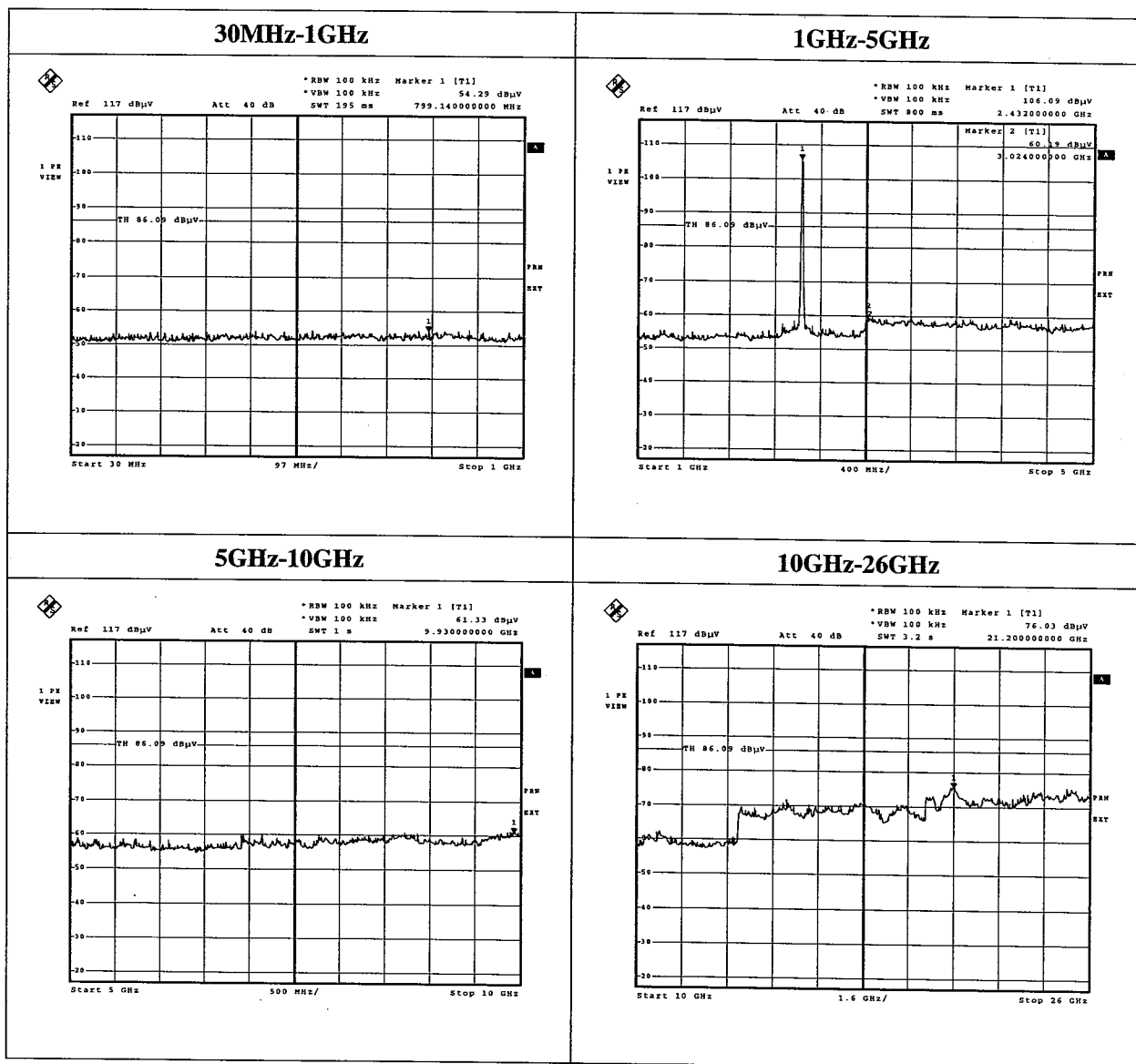
ch1 : 2412MHz



Out Band Emissions (Conducted)

Main Antenna Data Rate : 11b 11Mbps

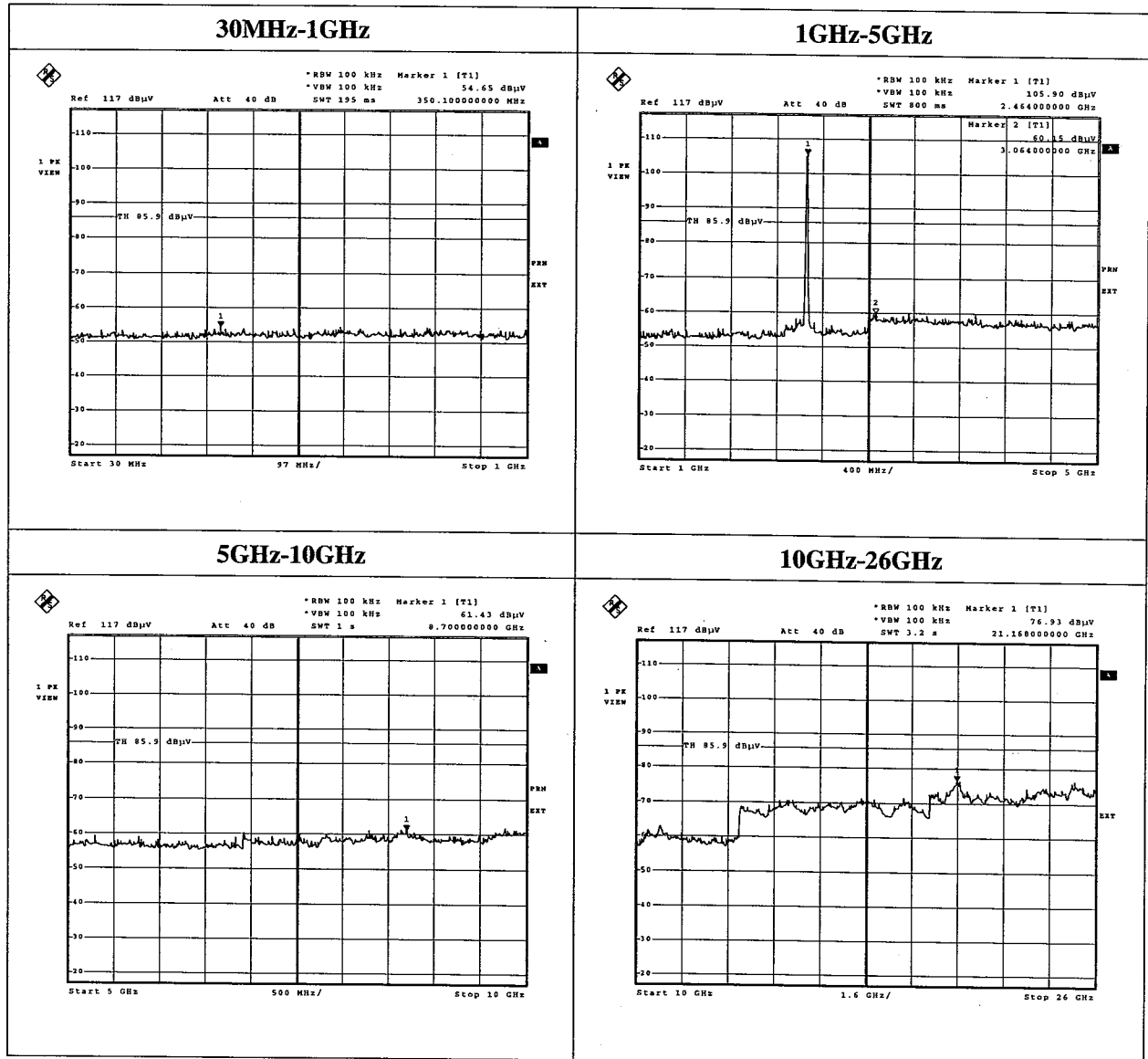
Ch6 : 2437MHz



Out Band Emissions (Conducted)

Main Antenna Data Rate : 11b 11Mbps

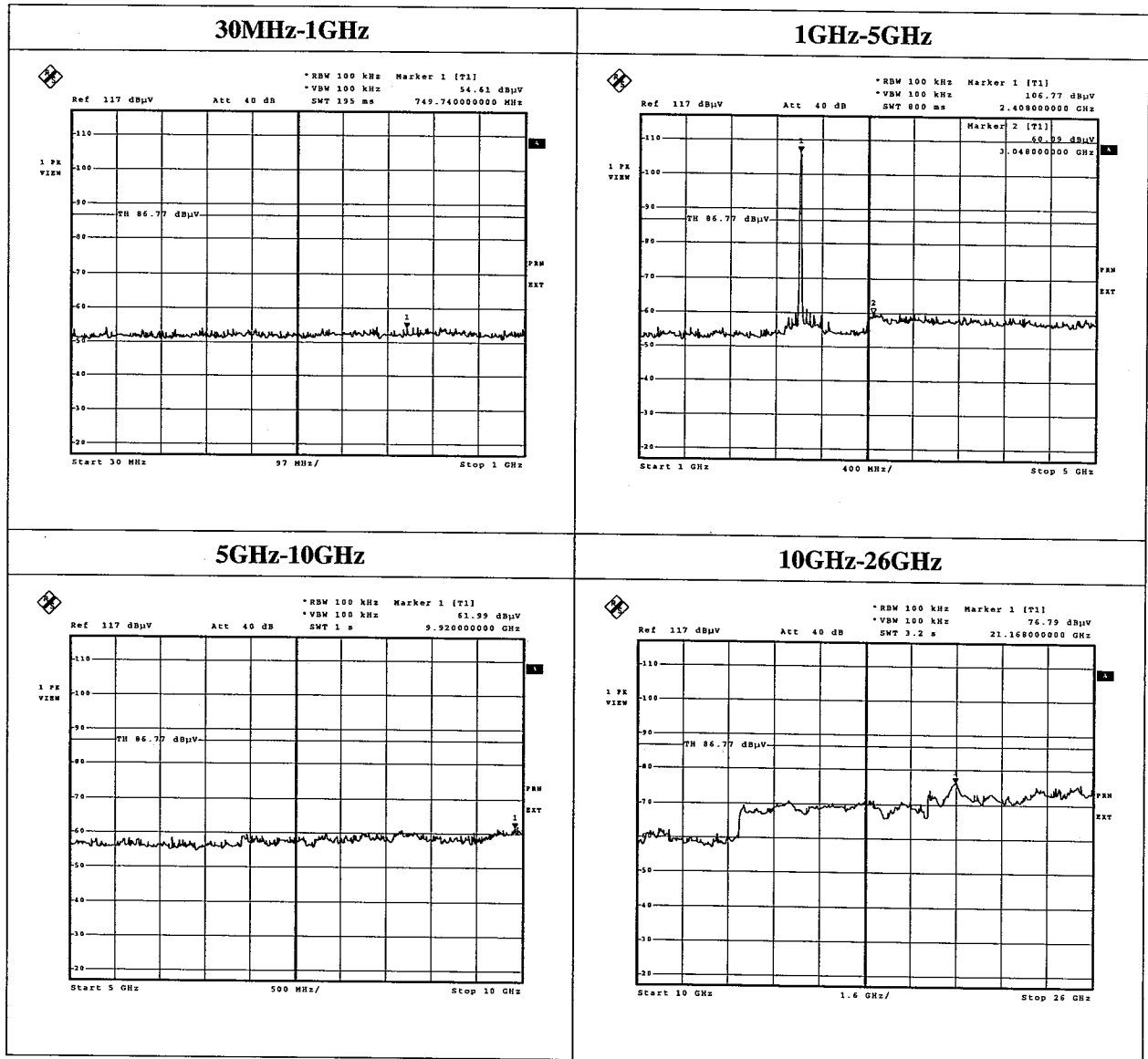
Ch11 : 2462MHz



Out Band Emissions (Conducted)

Sub Antenna Data Rate : 11b 11Mbps

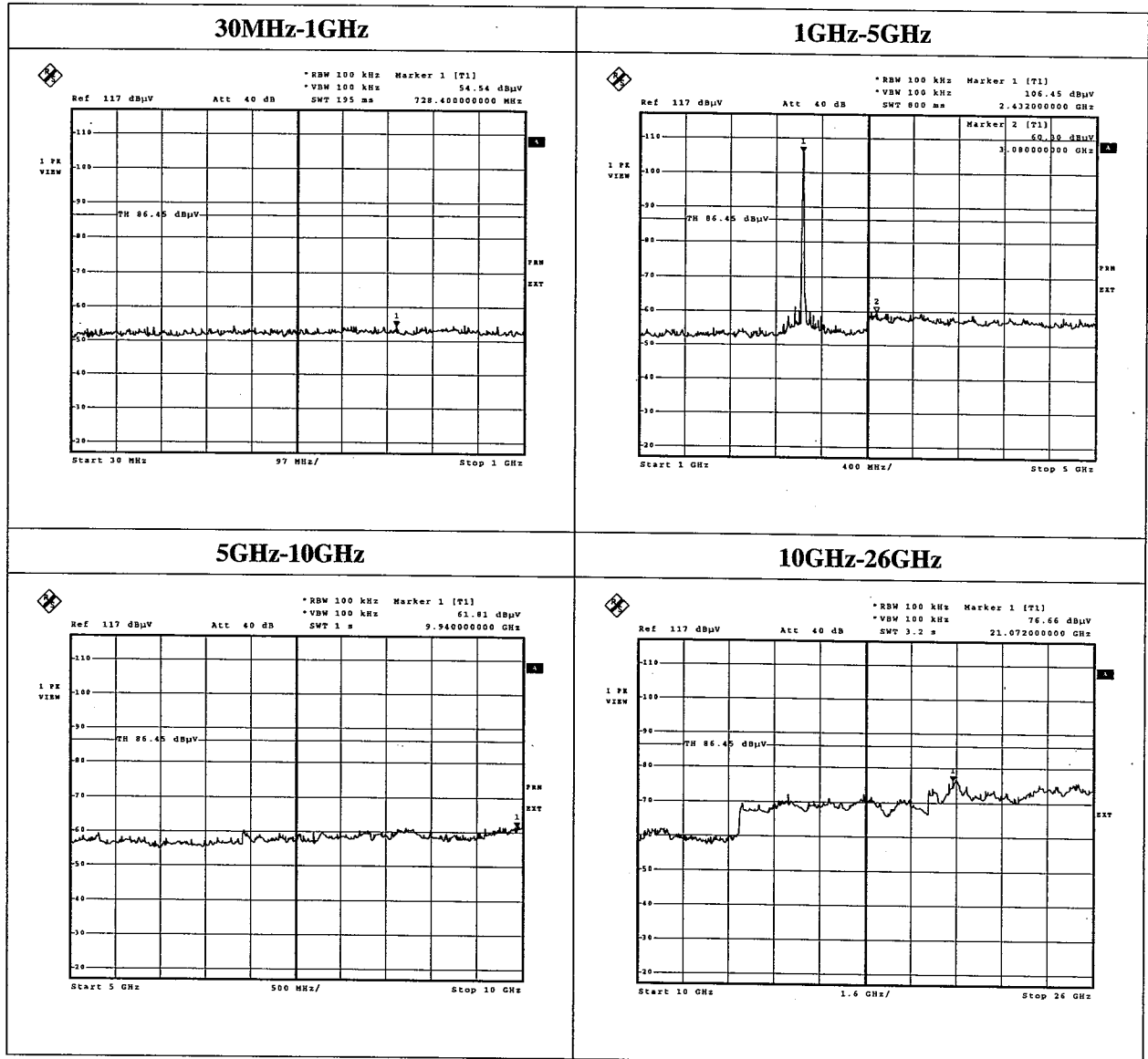
ch1 : 2412MHz



Out Band Emissions (Conducted)

Sub Antenna Data Rate : 11b 11Mbps

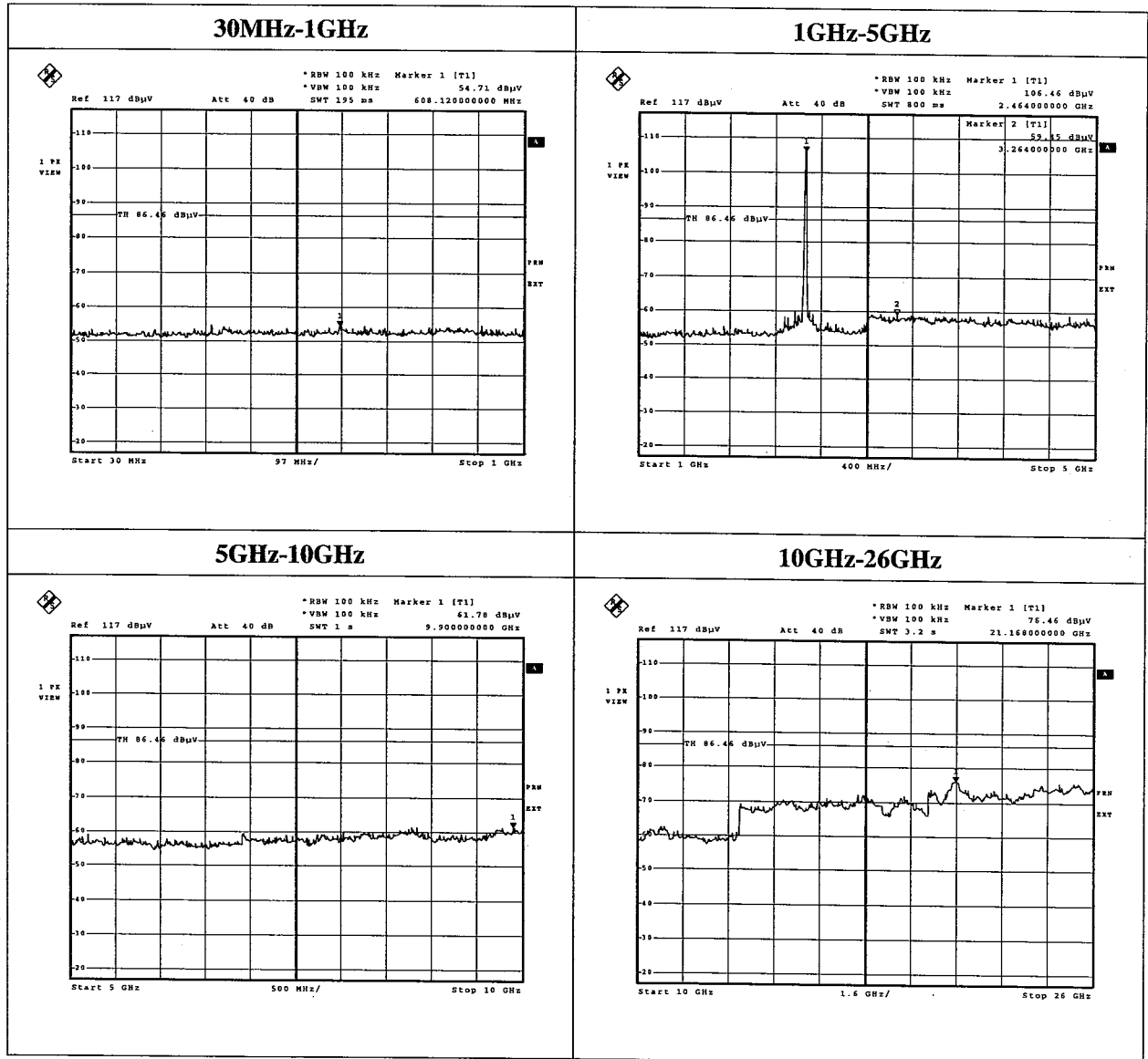
Ch6 : 2437MHz



Out Band Emissions (Conducted)

Sub Antenna Data Rate : 11b 11Mbps

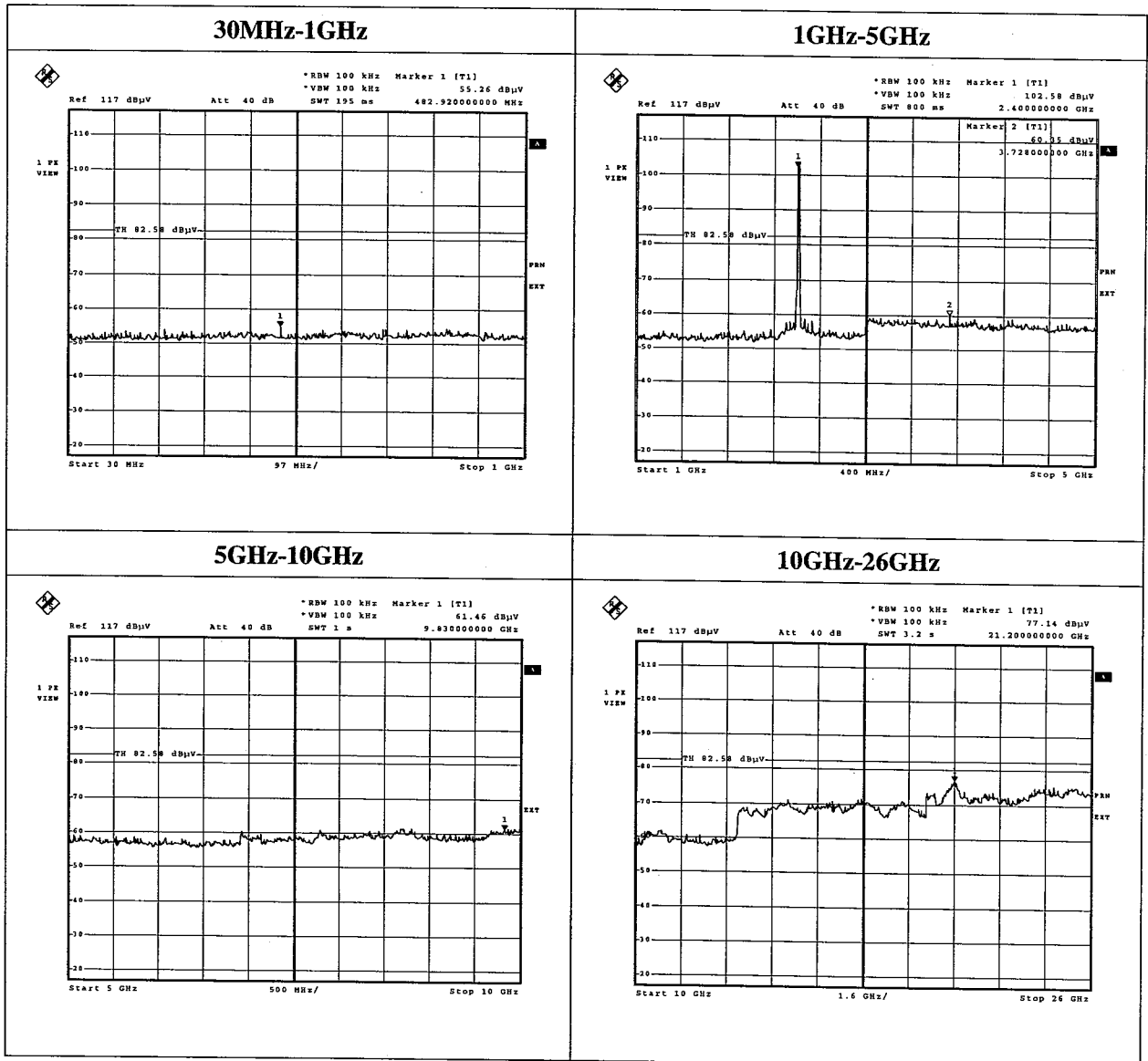
Ch11 : 2462MHz



Out Band Emissions (Conducted)

Main Antenna Data Rate : 11g 54Mbps

ch1 : 2412MHz



UL Apex Co., Ltd.

EMC Head Office Division.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

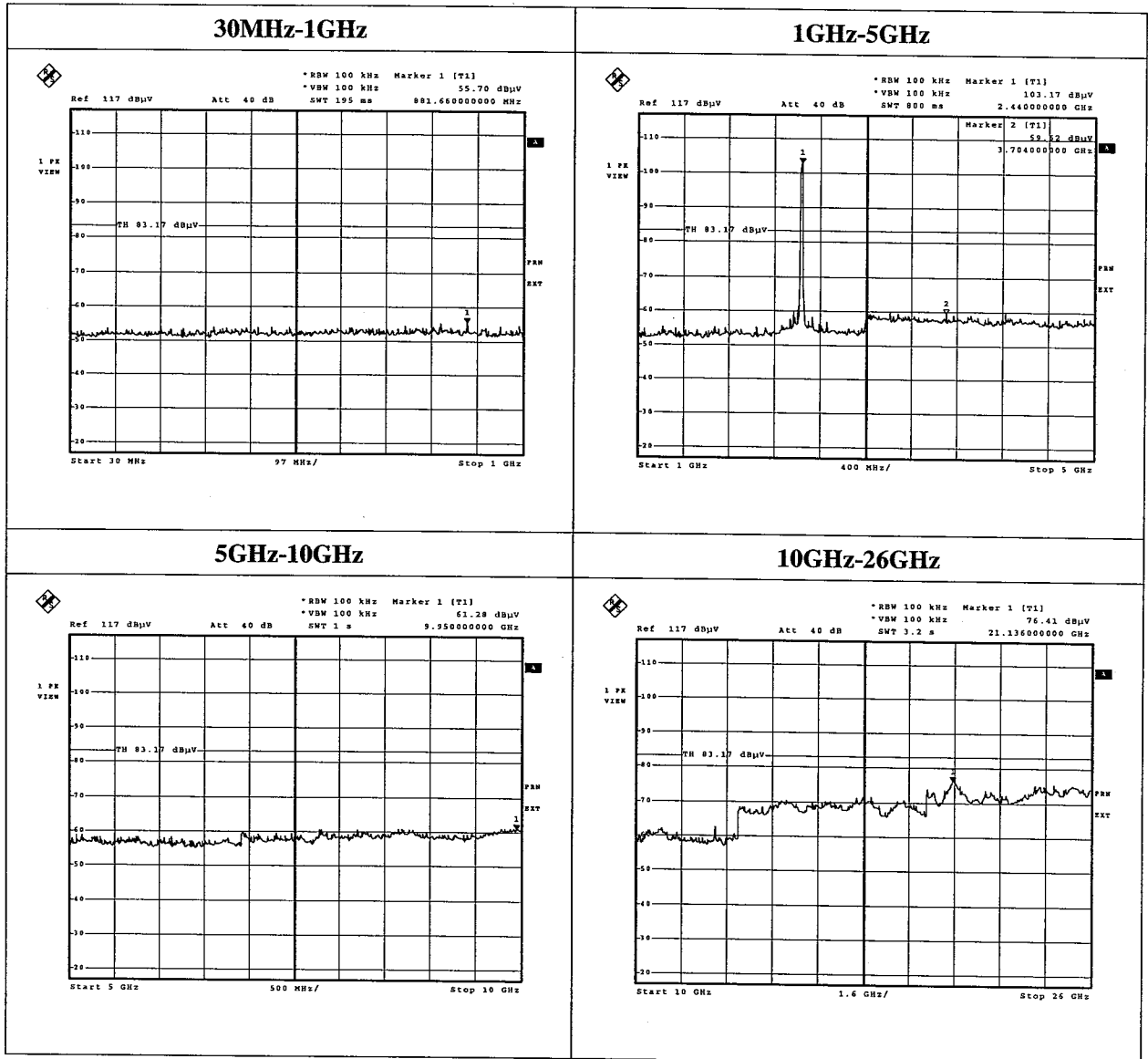
Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124

Out Band Emissions (Conducted)

Main Antenna Data Rate : 11g 54Mbps

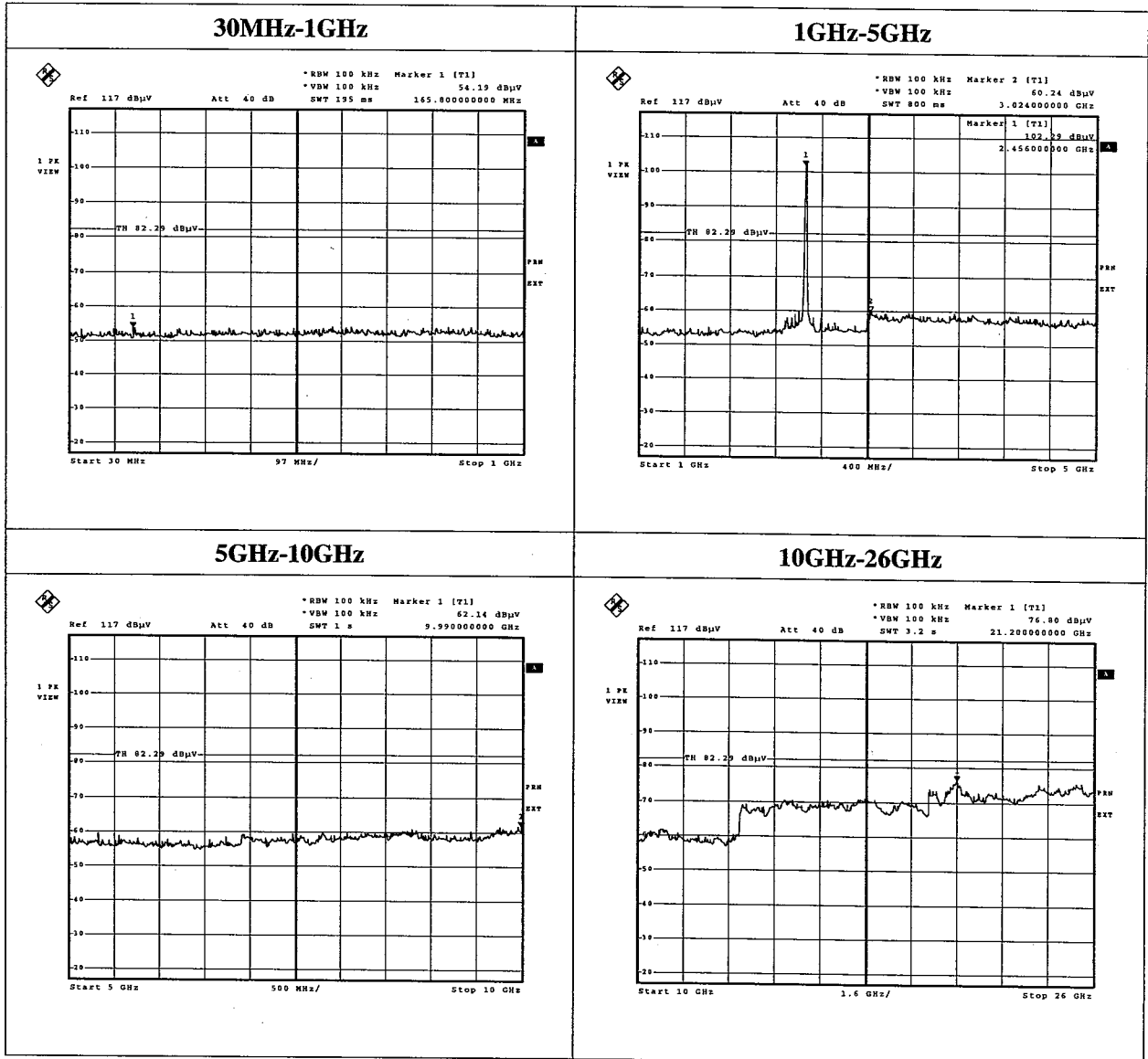
Ch6 : 2437MHz



Out Band Emissions (Conducted)

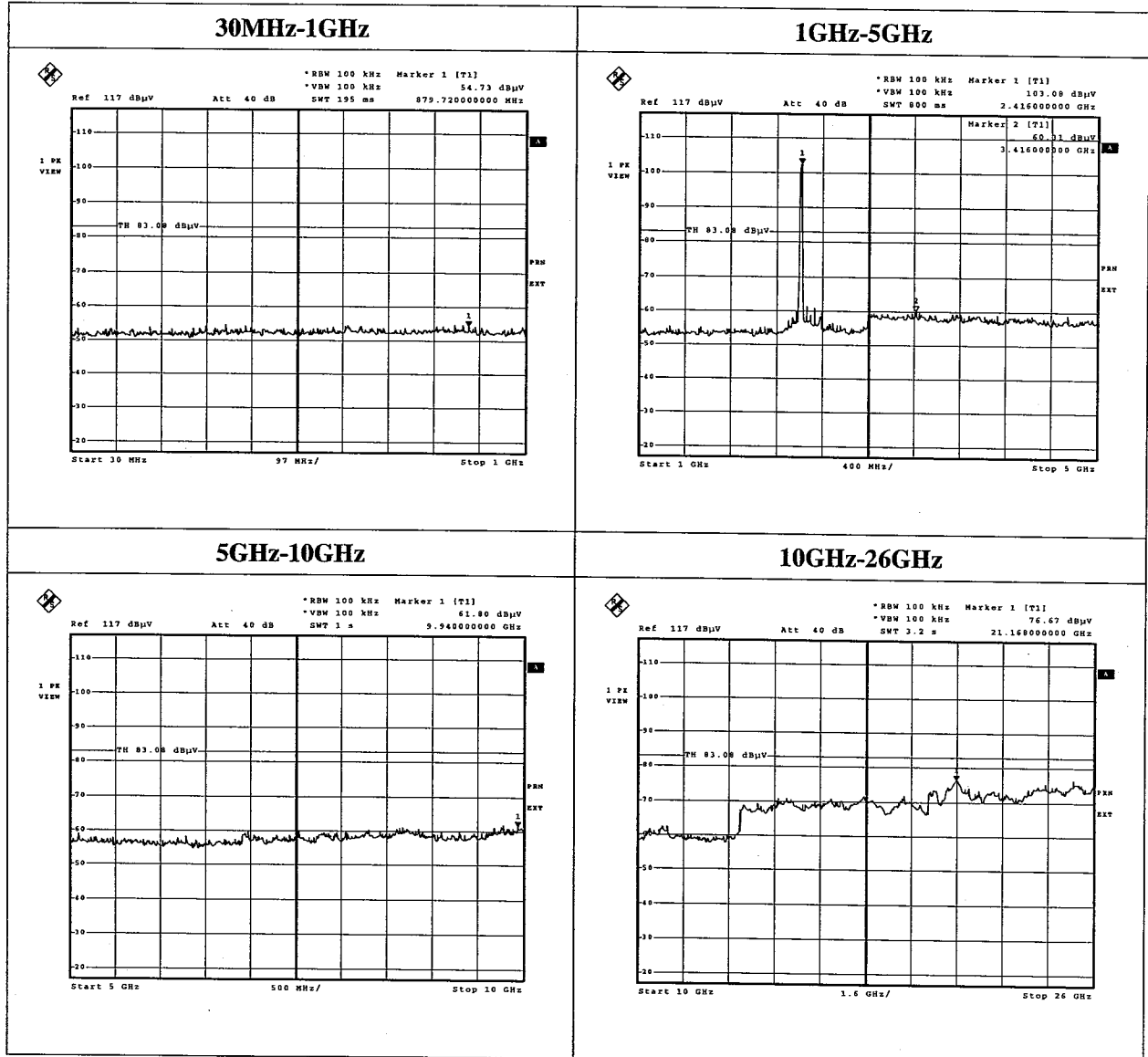
Main Antenna Data Rate : 11g 54Mbps

Ch11 : 2462MHz



Out Band Emissions (Conducted)
Sub Antenna Data Rate : 11g 54Mbps

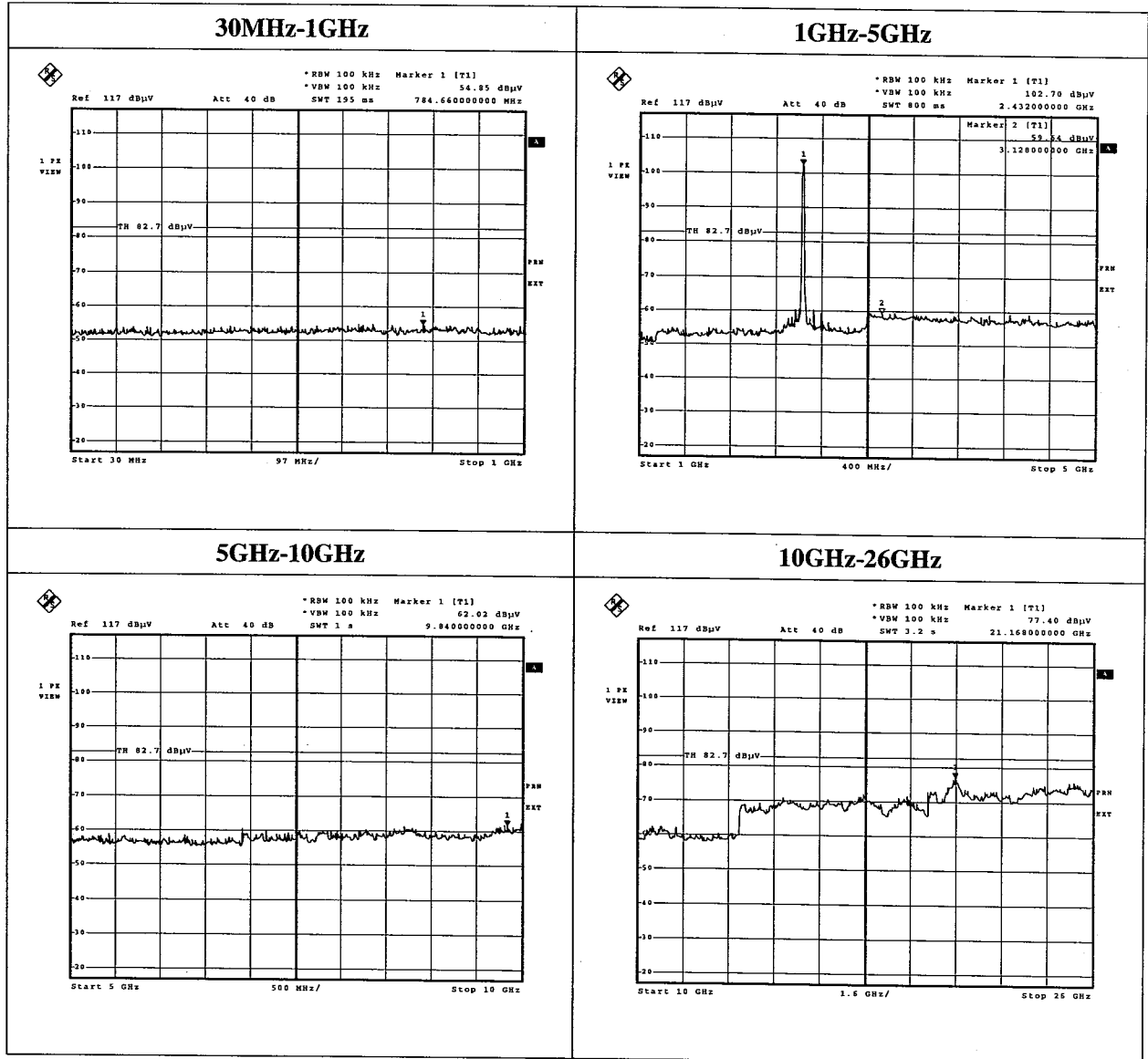
ch1 : 2412MHz



Out Band Emissions (Conducted)

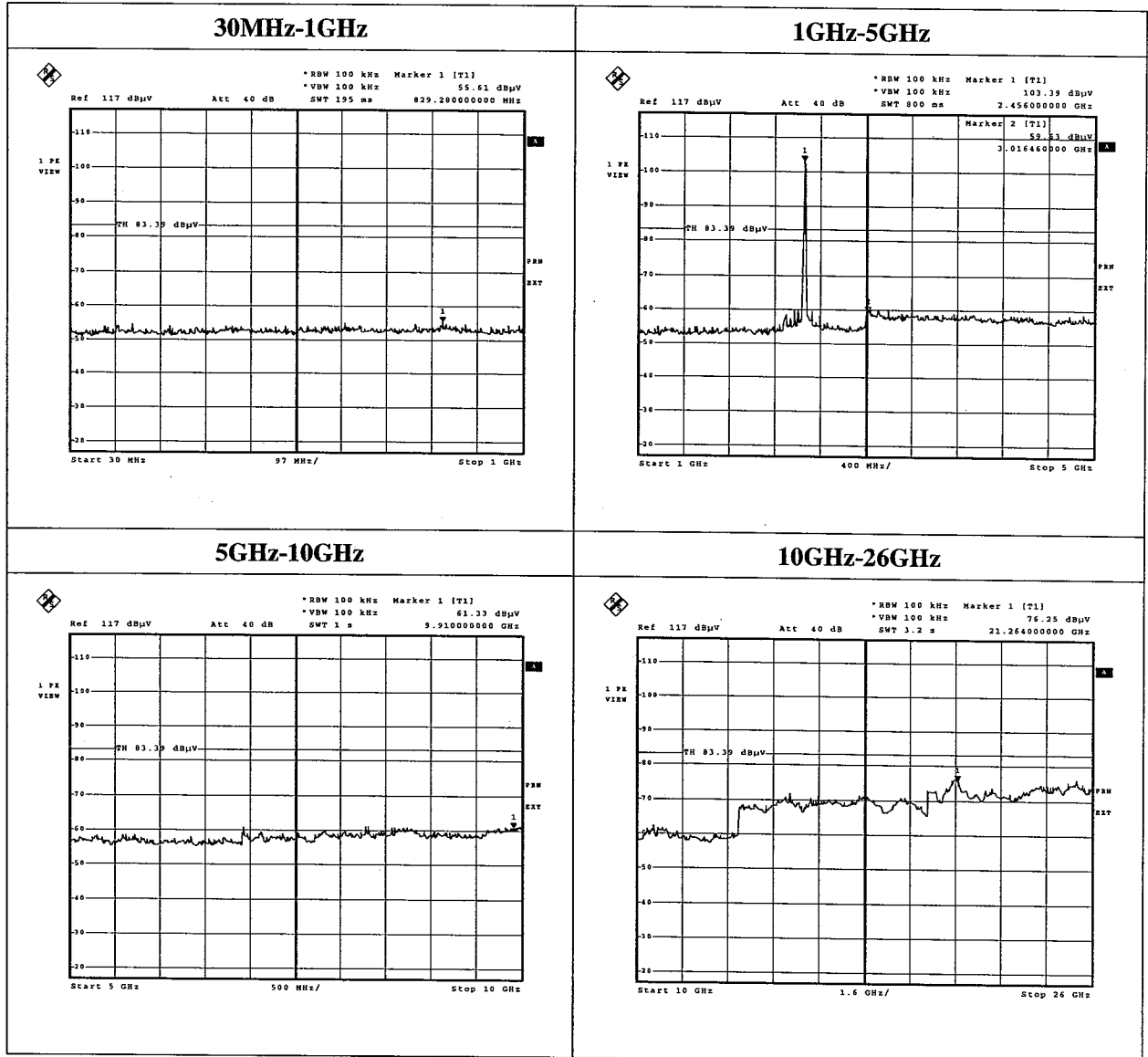
Sub Antenna Data Rate : 11g 54Mbps

Ch6 : 2437MHz



Out Band Emissions (Conducted)
Sub Antenna Data Rate : 11g 54Mbps

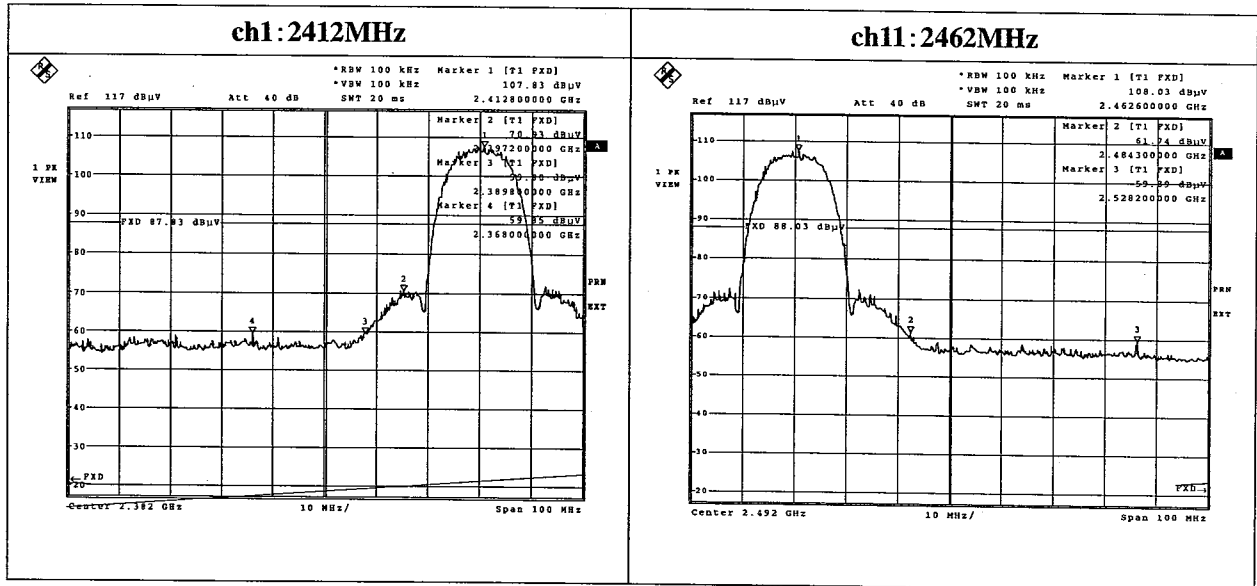
Ch11 : 2462MHz



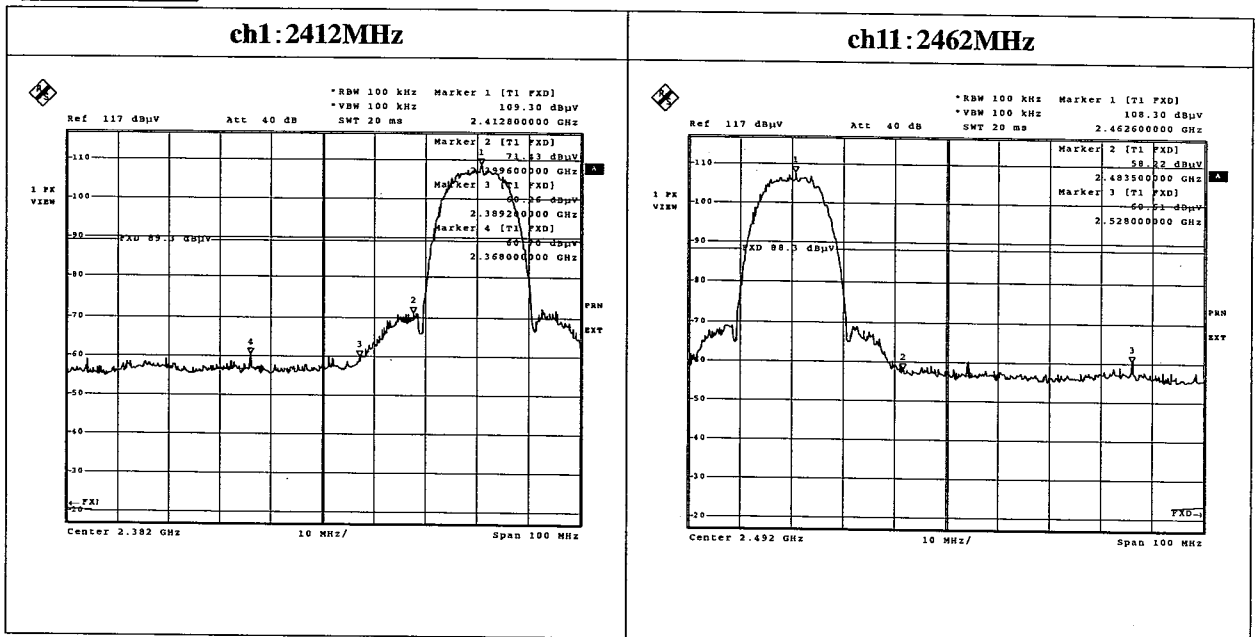
Restricted Band Edges (Conducted)

Transmitting (IEEE 802.11b) Burst Frame mode CCK , QPSK , 11Mbps

Main Antenna



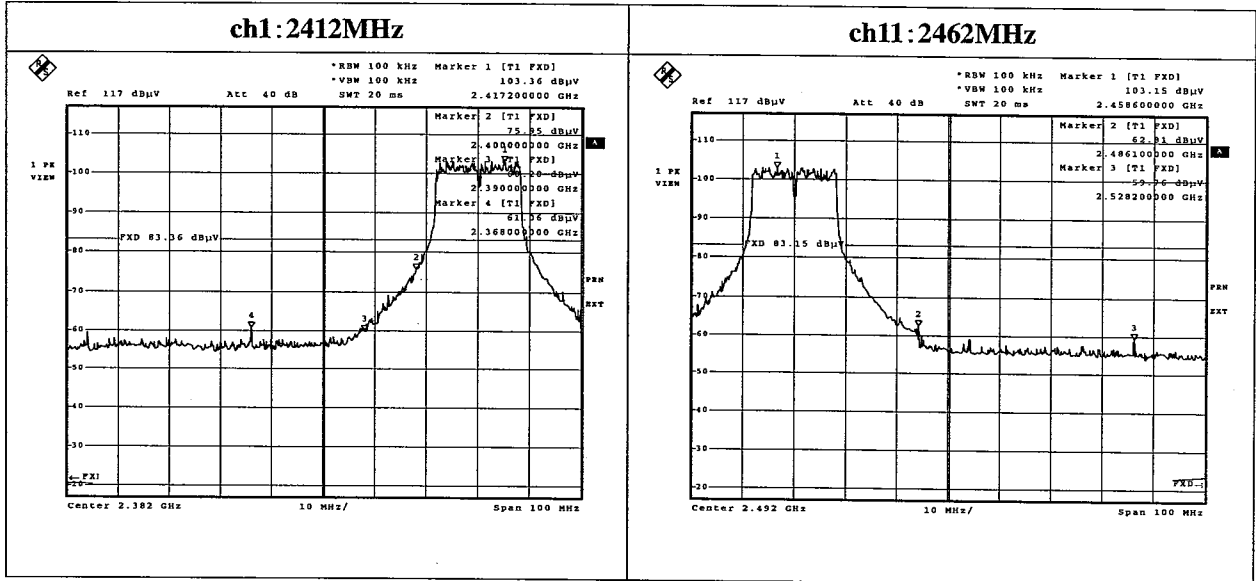
Sub Antenna



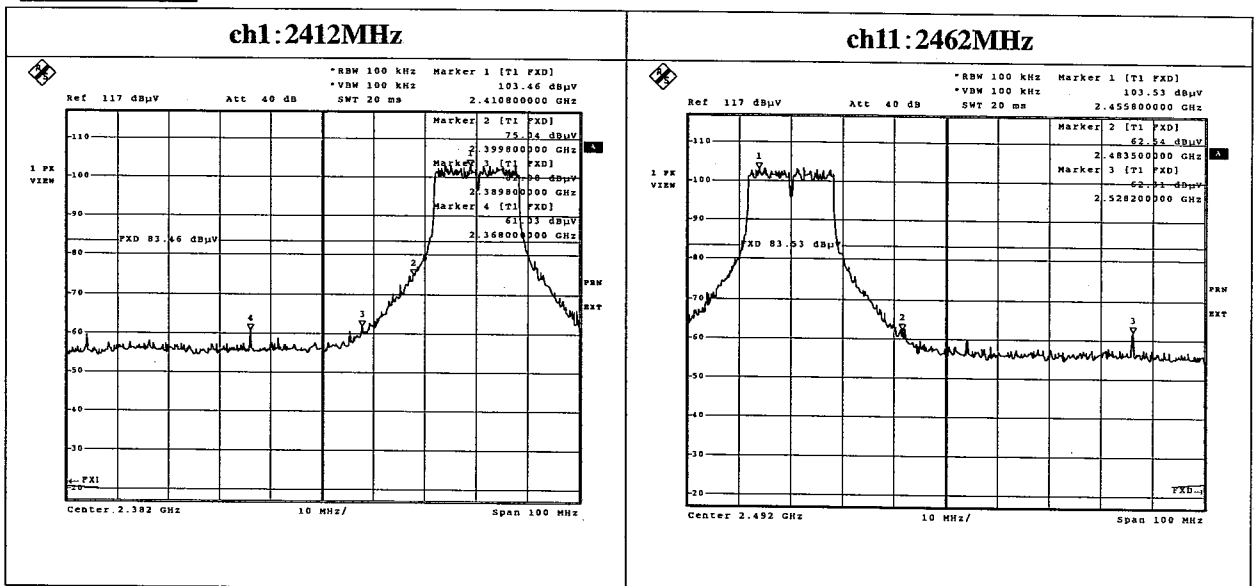
Restricted Band Edges (Conducted)

Transmitting (IEEE 802.11g) Burst Frame mode OFDM , 64QAM , 11g 54Mbps

Main Antenna



Sub Antenna

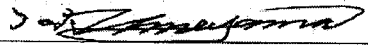


DATA OF POWER DENSITY(CONDUCTED)

UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Measurement room

Company : Sony Corp.
Equipment : Notebook Personal Computer
Model : PCG-492L
Sample No. : DVT26
Power : AC120V/60Hz
Mode : Transmitting (IEEE 802.11b/g) Burst Frame mode
FCC ID : AK8PCGA492L
IC No. : 409B-PCG492L

REPORT NO : 23LE0006-HO
REGULATION : Fcc Part15 Subpart C 15.247(d)
TEST DISTANCE : -
DATE : 07/18/2003
TEMPERATURE : 23deg.C
HUMIDITY : 62%


ENGINEER : Hiroka Umeyama

Main Antenna , CCK , QPSK , 11b 11Mbps

ch	FREQ [MHz]	S/A Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
ch1	2412.3	-8.25	2.9	0.0	-5.3	8.0	13.3
ch6	2437.3	-8.48	3.0	0.0	-5.5	8.0	13.5
ch11	2462.3	-8.97	3.0	0.0	-6.0	8.0	14.0

Sub Antenna , CCK , QPSK , 11b 11Mbps

ch	FREQ [MHz]	S/A Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
ch1	2412.3	-8.27	2.9	0.0	-5.4	8.0	13.4
ch6	2437.3	-8.41	3.0	0.0	-5.5	8.0	13.5
ch11	2462.3	-8.71	3.0	0.0	-5.7	8.0	13.7

Main Antenna , OFDM , 64QAM , 11g 54Mbps

ch	FREQ [MHz]	S/A Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
ch1	2412.3	-16.29	2.9	0.0	-13.4	8.0	21.4
ch6	2437.3	-15.77	3.0	0.0	-12.8	8.0	20.8
ch11	2462.3	-16.04	3.0	0.0	-13.1	8.0	21.1

Sub Antenna , OFDM , 64QAM , 11g 54Mbps

ch	FREQ [MHz]	S/A Reading [dBm]	Cable Loss [dB]	ATTEN. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
ch1	2412.3	-16.25	2.9	0.0	-13.3	8.0	21.3
ch6	2437.3	-16.22	3.0	0.0	-13.3	8.0	21.3
ch11	2462.3	-15.86	3.0	0.0	-12.9	8.0	20.9

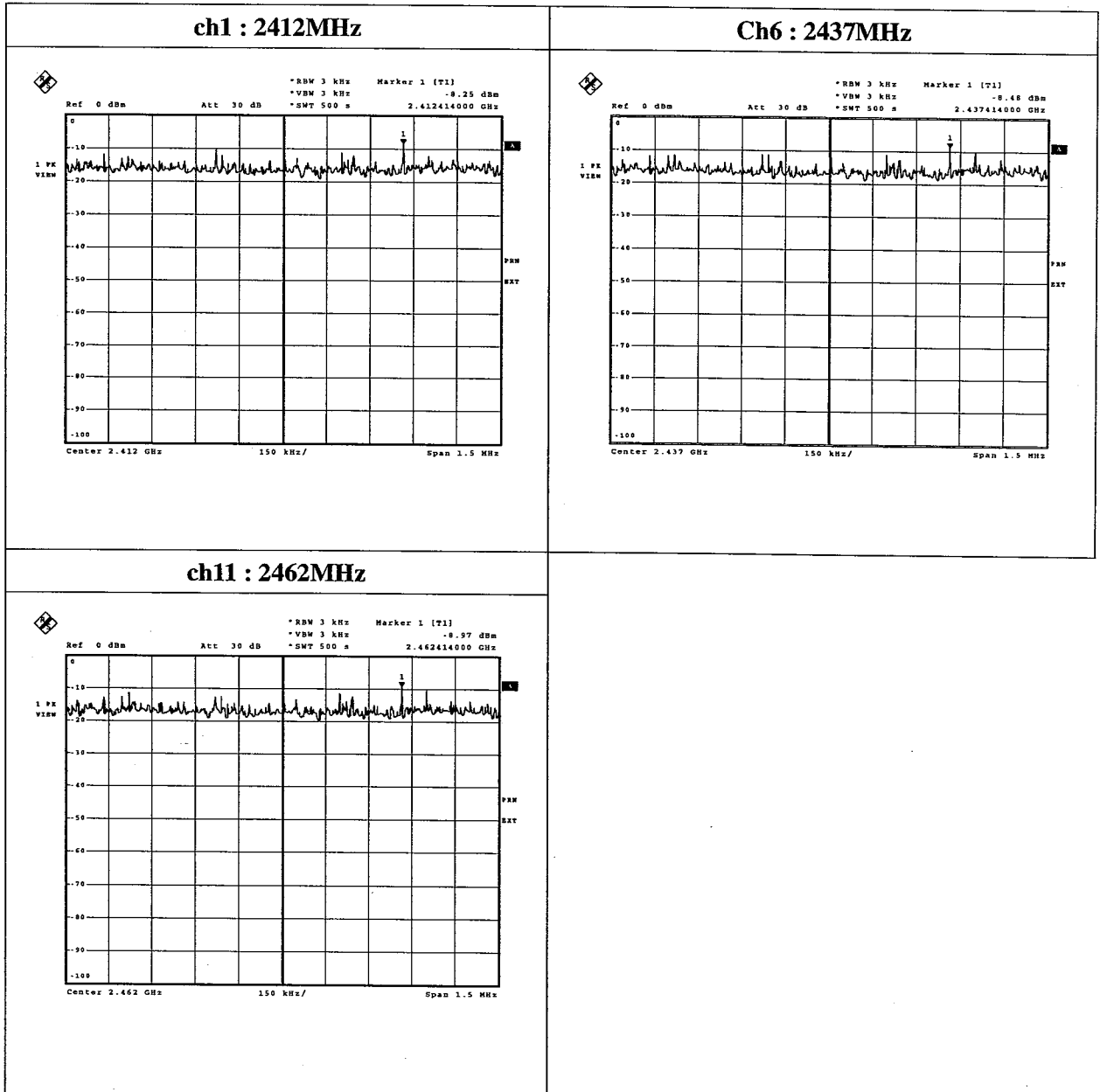
Sample Calculation:

Result = Reading + (Cable+ATTEN.)Loss

Power Density

Main Antenna Data Rate : 11b 11Mbps

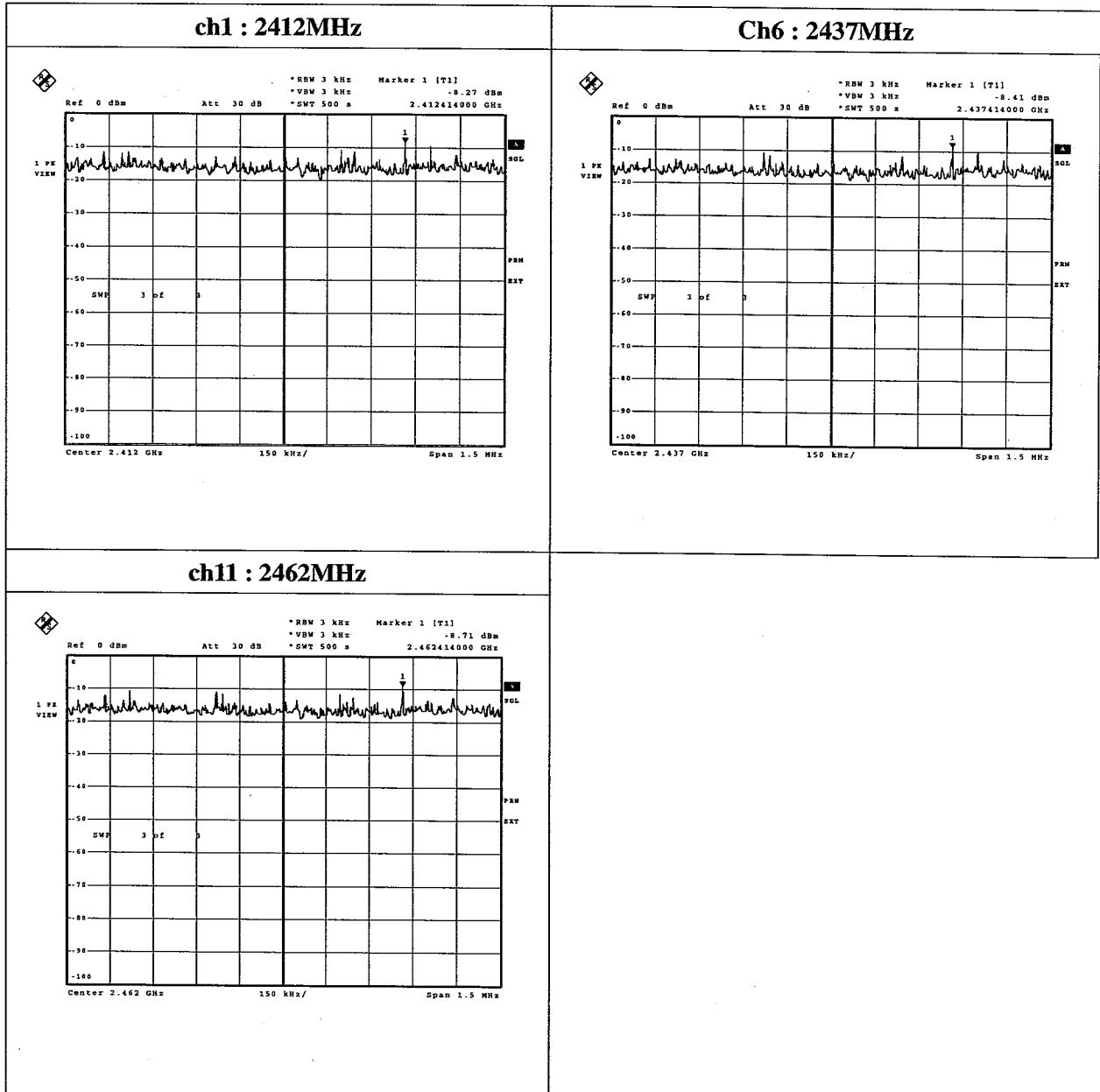
ch1 : 2412MHz



Power Density

Sub Antenna Data Rate : 11b 11Mbps

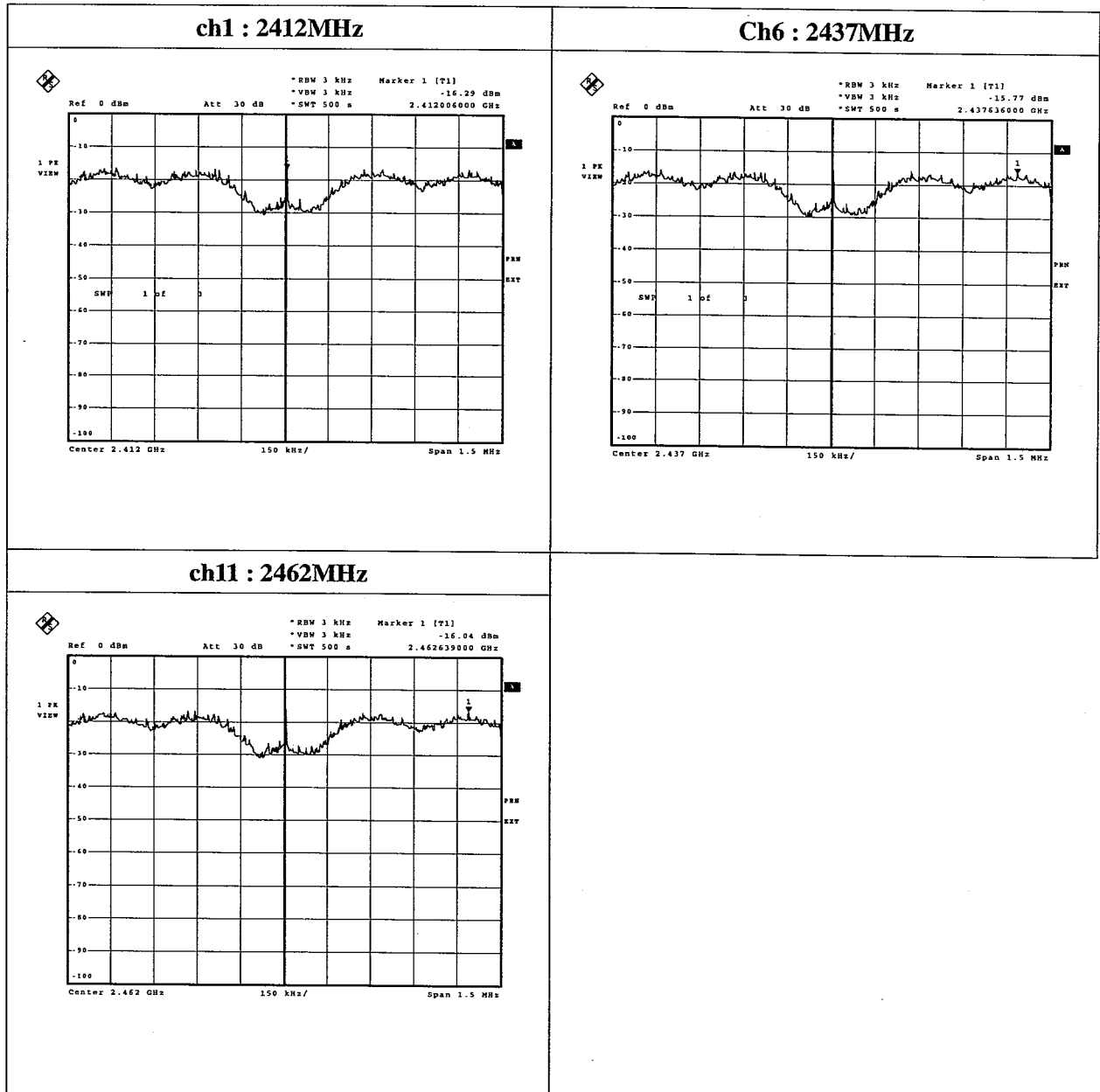
ch1 : 2412MHz



Power Density

Main Antenna Data Rate : 11g 54Mbps

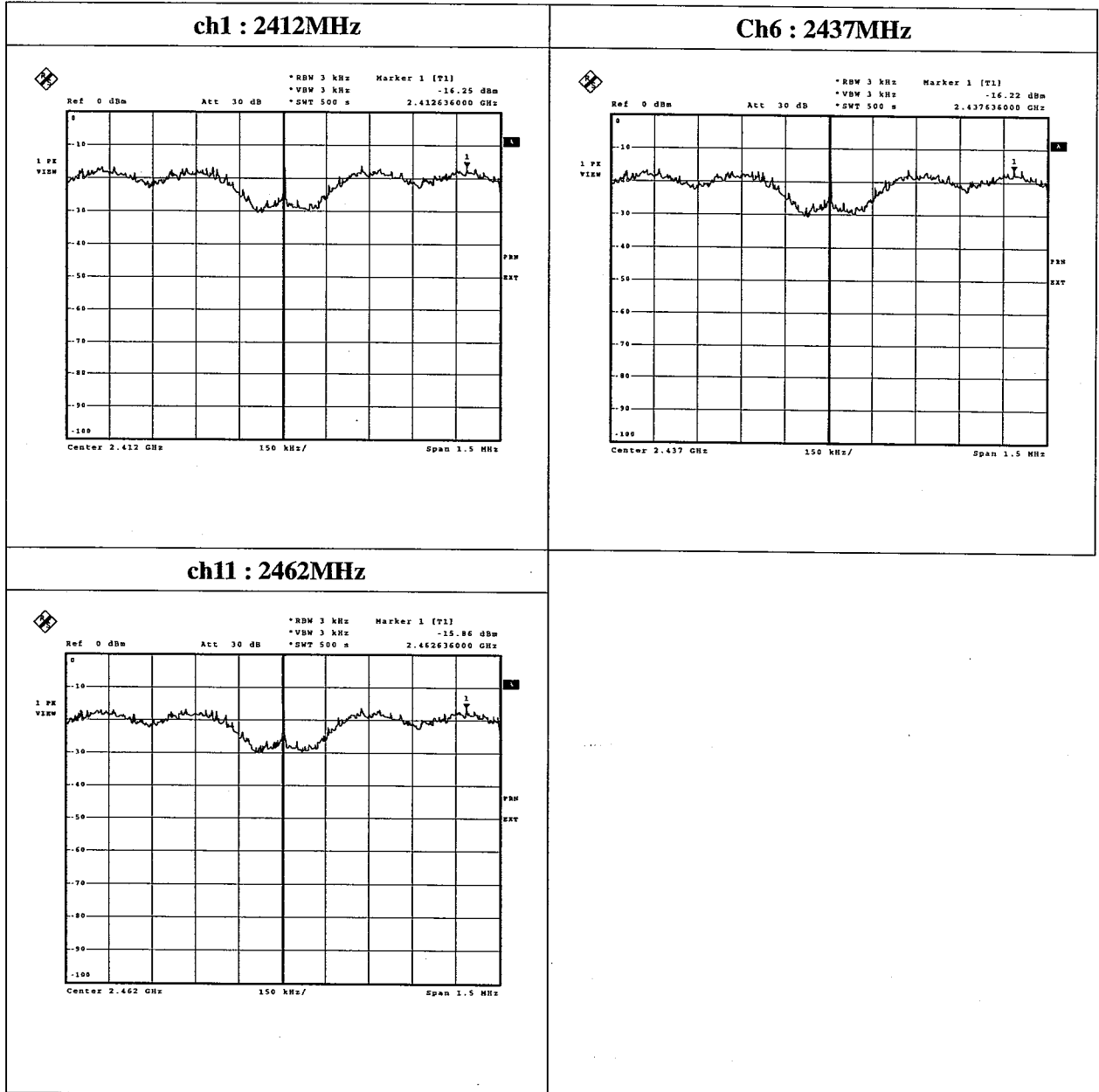
ch1 : 2412MHz



Power Density

Sub Antenna Data Rate : 11g 54Mbps

ch1 : 2412MHz



DATA OF 99% Occupied Bandwidth

UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Measurement room

Company : Sony Corp.
Equipment : Notebook Personal Computer
Model : PCG-492L
Sample No. : DVT26
Power : AC120V/60Hz
Mode : Transmitting (IEEE 802.11b/g) Burst Frame mode
FCC ID : AK8PCG492L
IC No. : 409B-PCG492L

REPORT NO : 23LE0006-HO
REGULATION : RSS-210 (issue 5)
TEST DISTANCE : -
DATE : 07/15/2003
TEMPERATURE : 25deg.C
HUMIDITY : 60%

Main Antenna, CCK, QPSK, 11b 11Mbps

ch	FREQ [MHz]	99% Occupied Bandwidth [MHz]
Low(1)	2412.0	15.8
Mid(6)	2437.0	15.8
High(11)	2462.0	15.8

ENGINEER : Hiroka Umeyama

Sub Antenna, CCK, QPSK, 11b 11Mbps

ch	FREQ [MHz]	99% Occupied Bandwidth [MHz]
Low(1)	2412.0	15.8
Mid(6)	2437.0	15.8
High(11)	2462.0	15.8

Main Antenna, OFDM, 64QAM, 11g 54Mbps

ch	FREQ [MHz]	99% Occupied Bandwidth [MHz]
Low(1)	2412.0	17.7
Mid(6)	2437.0	17.6
High(11)	2462.0	17.6

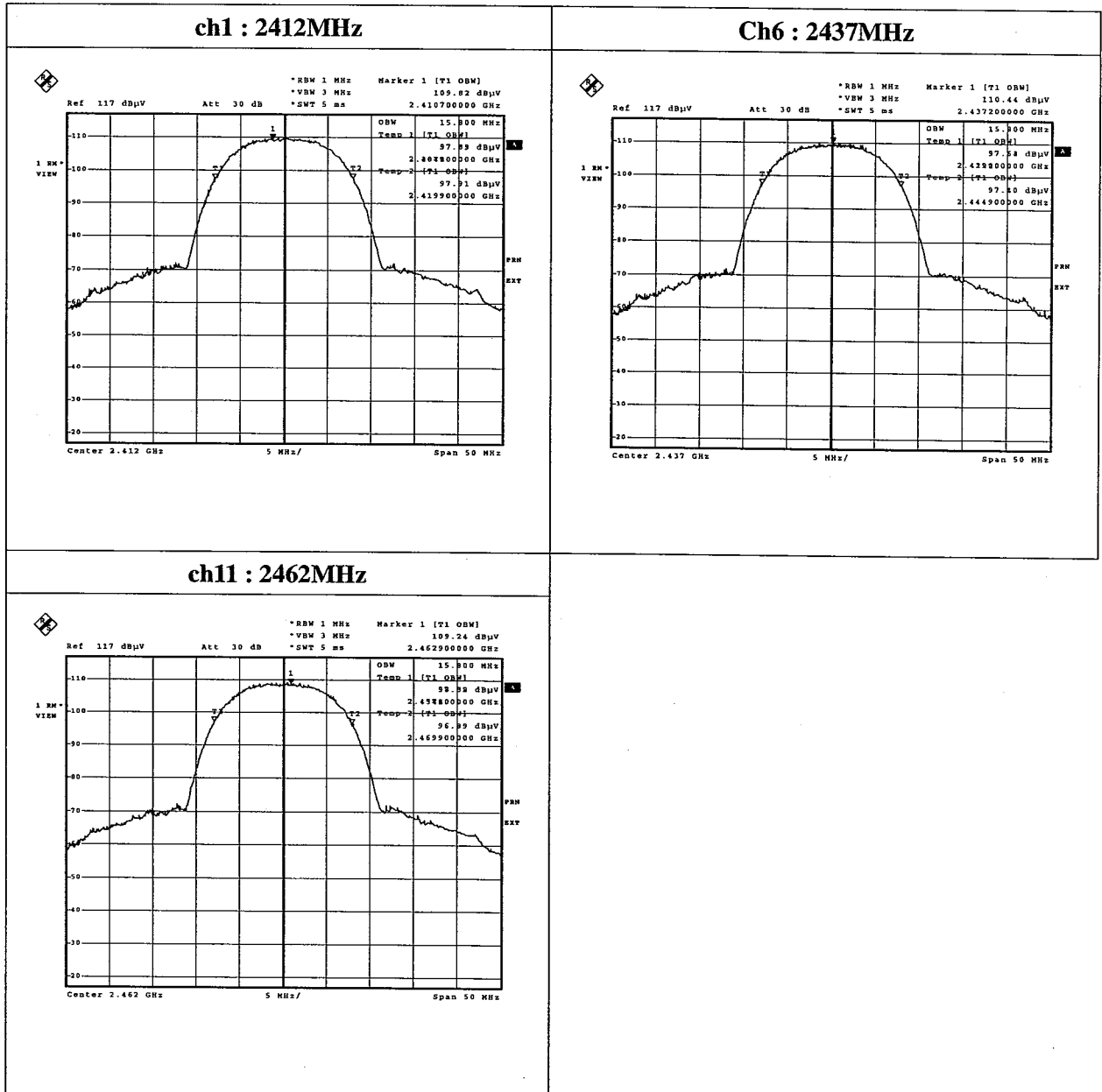
Sub Antenna, OFDM, 64QAM, 11g 54Mbps

ch	FREQ [MHz]	99% Occupied Bandwidth [MHz]
Low(1)	2412.0	17.6
Mid(6)	2437.0	17.8
High(11)	2462.0	17.8

99 % Occupied Bandwidth

Main Antenna Data Rate : 11b 11Mbps

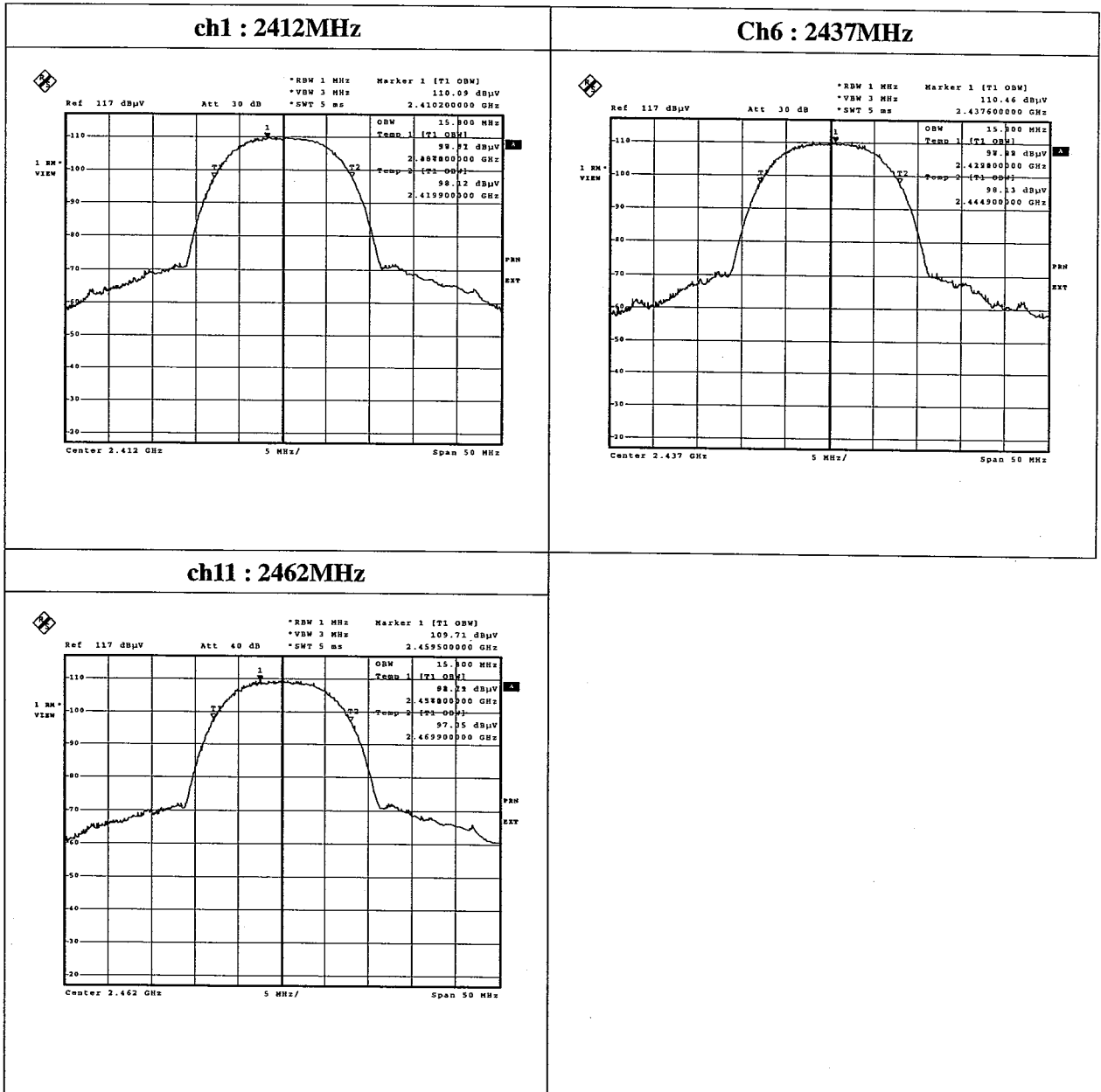
ch1 : 2412MHz



99 % Occupied Bandwidth

Sub Antenna Data Rate : 11b 11Mbps

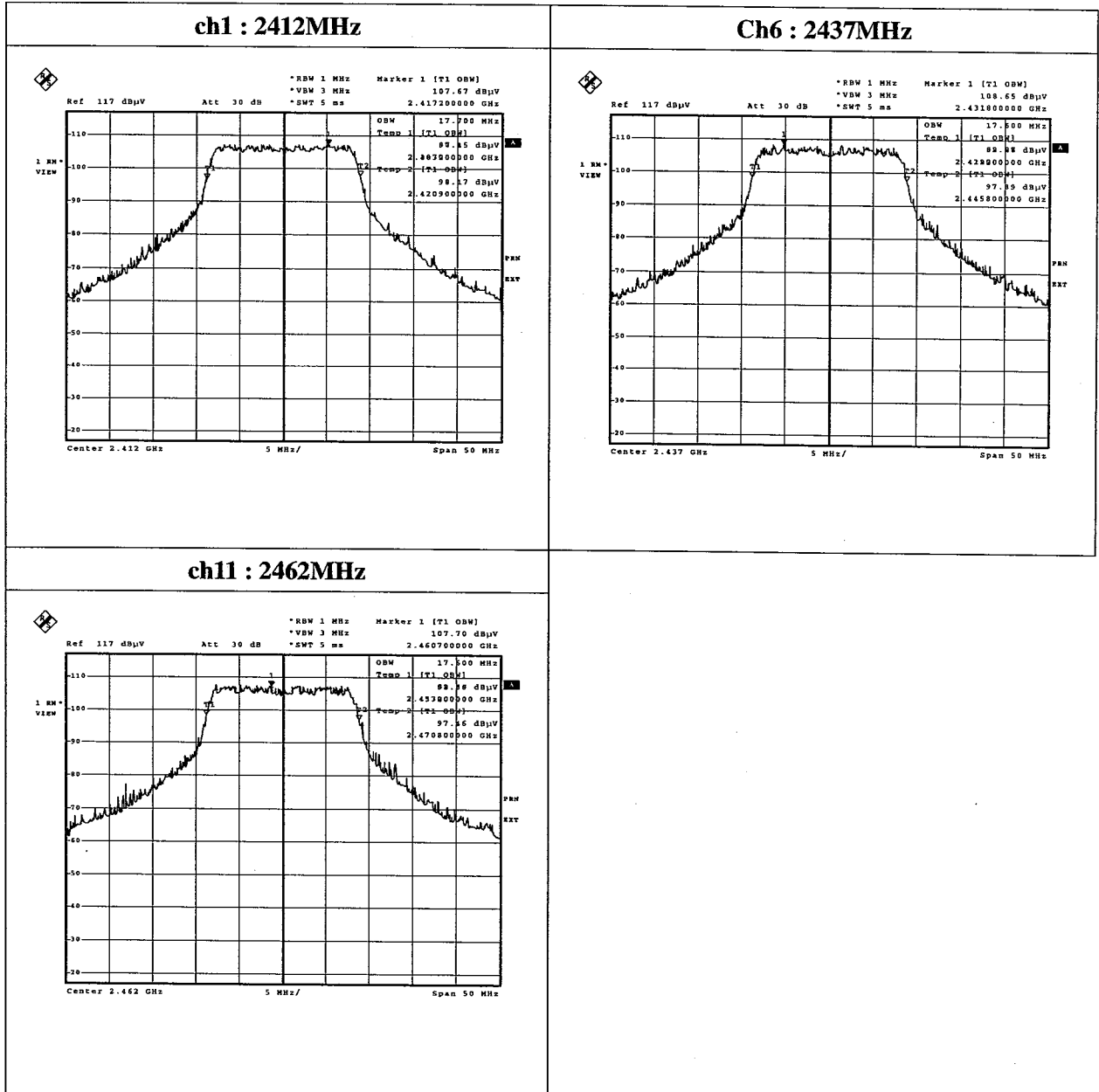
ch1 : 2412MHz



99 % Occupied Bandwidth

Main Antenna Data Rate : 11g 54Mbps

ch1 : 2412MHz



99 % Occupied Bandwidth

Sub Antenna Data Rate : 11g 54Mbps

ch1 : 2412MHz

