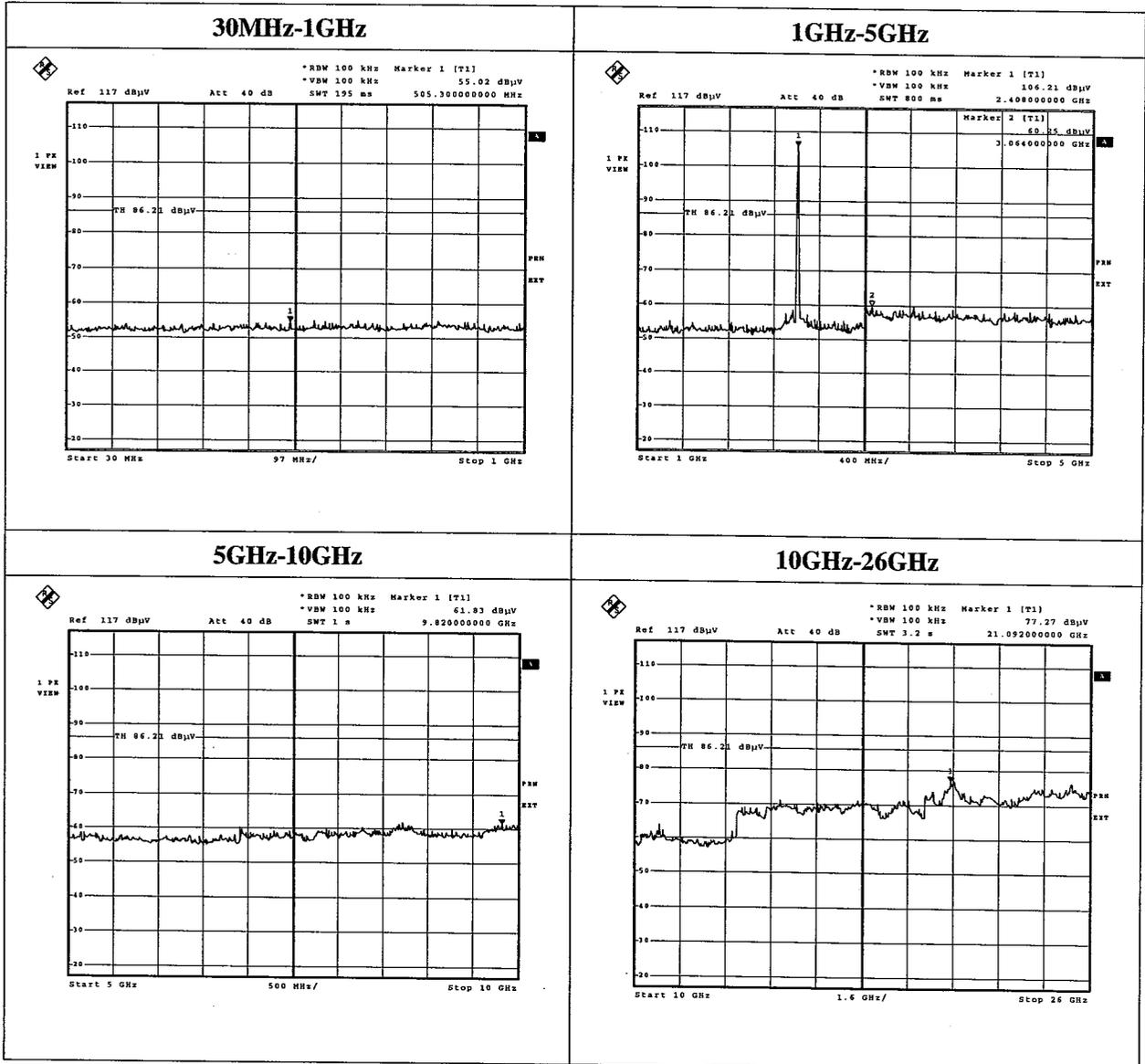


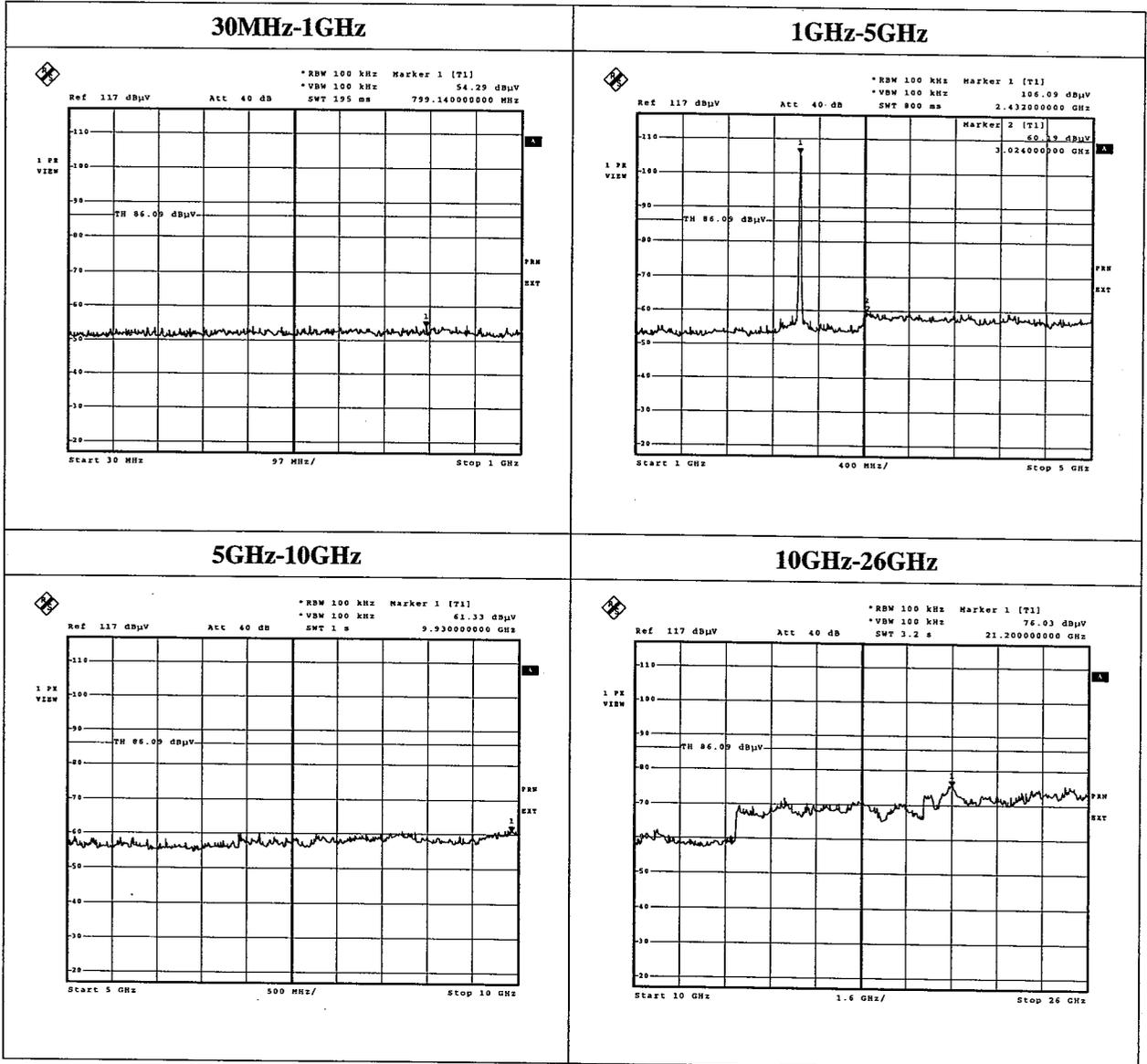
Out Band Emissions (Conducted)
Main Antenna Data Rate : 11b 11Mbps

ch1 : 2412MHz



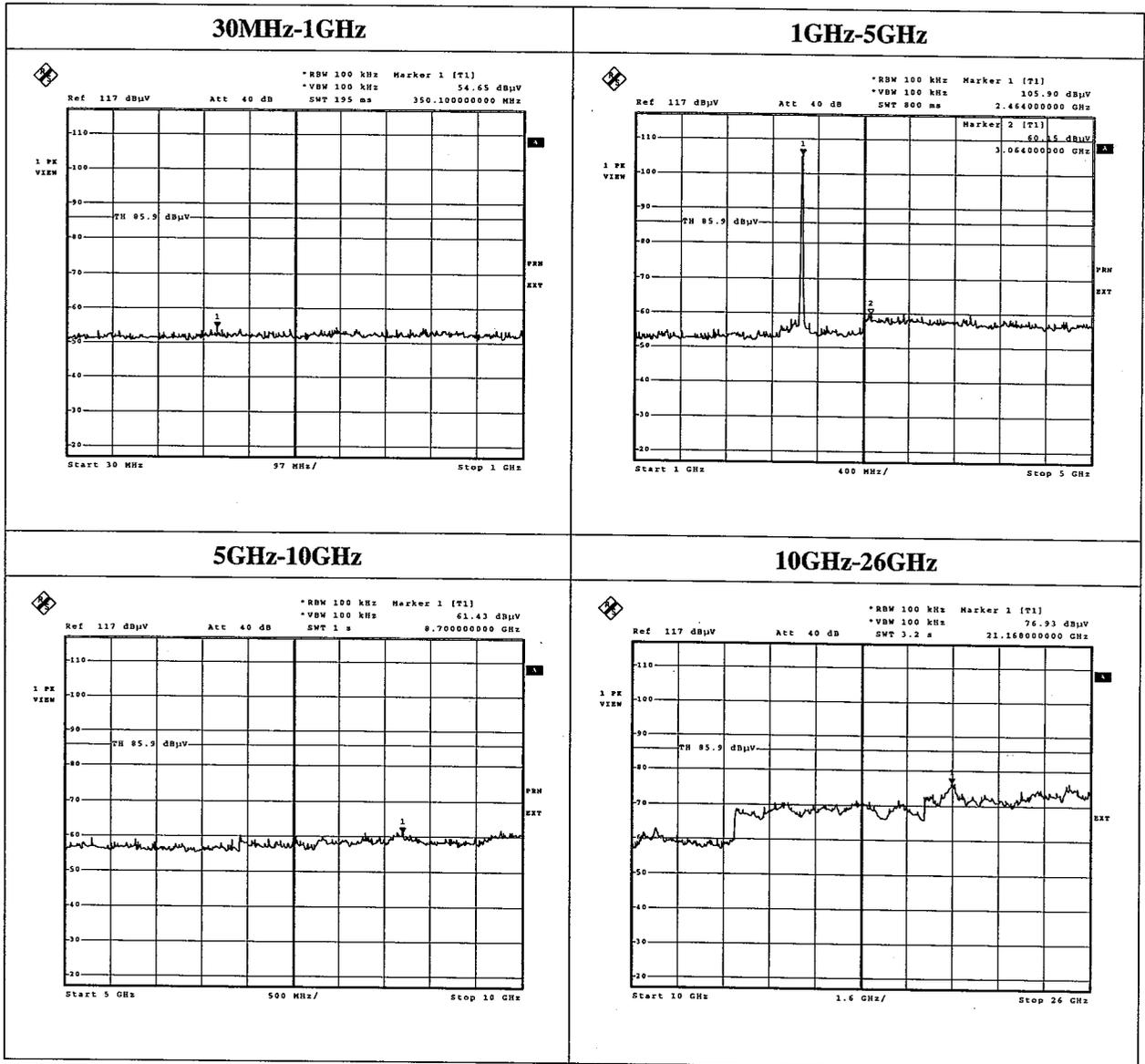
Out Band Emissions (Conducted)
Main Antenna Data Rate : 11b 11Mbps

Ch6 : 2437MHz



Out Band Emissions (Conducted)
Main Antenna Data Rate : 11b 11Mbps

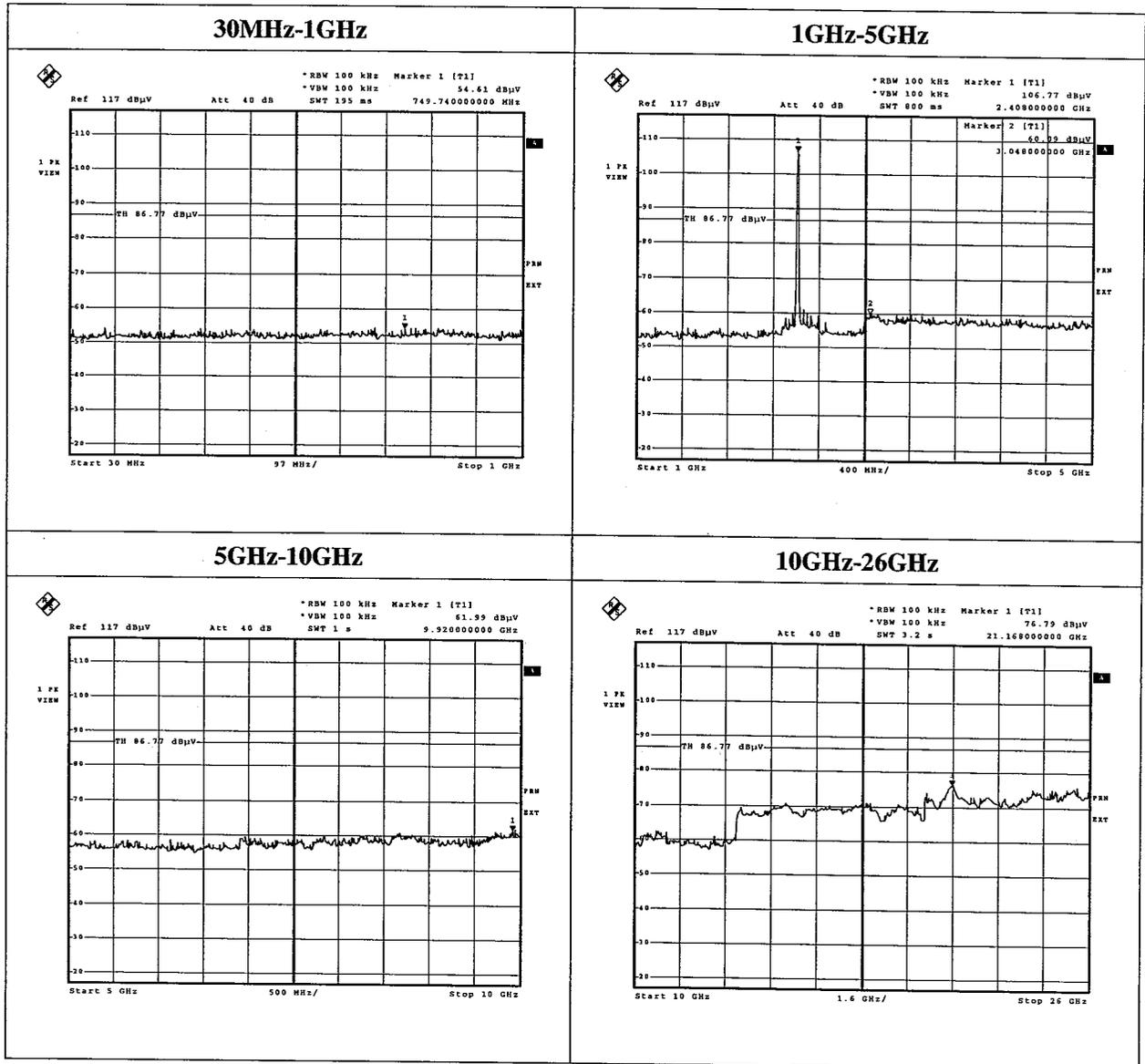
Ch11 : 2462MHz



Out Band Emissions (Conducted)

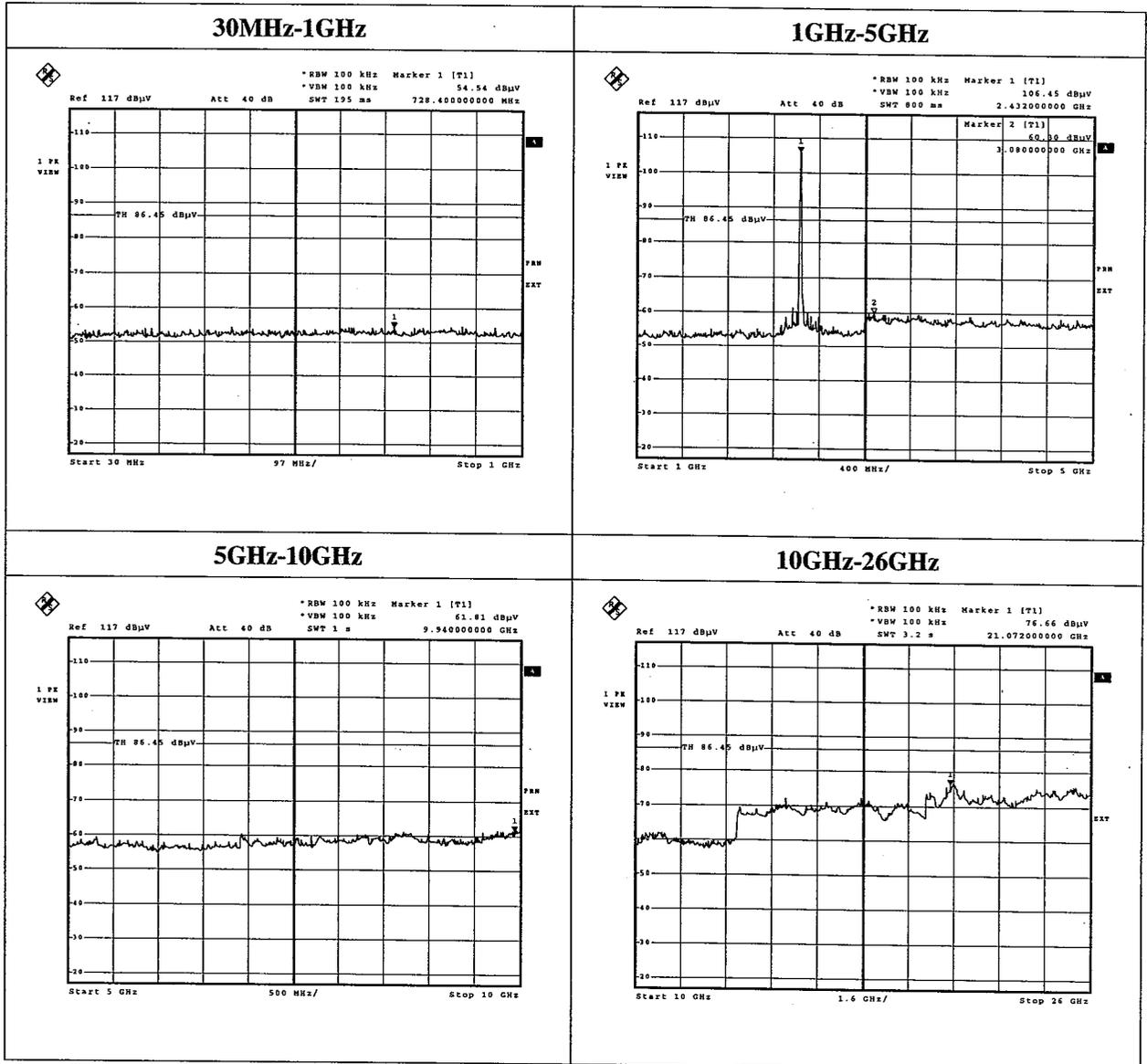
Sub Antenna Data Rate : 11b 11Mbps

ch1 : 2412MHz



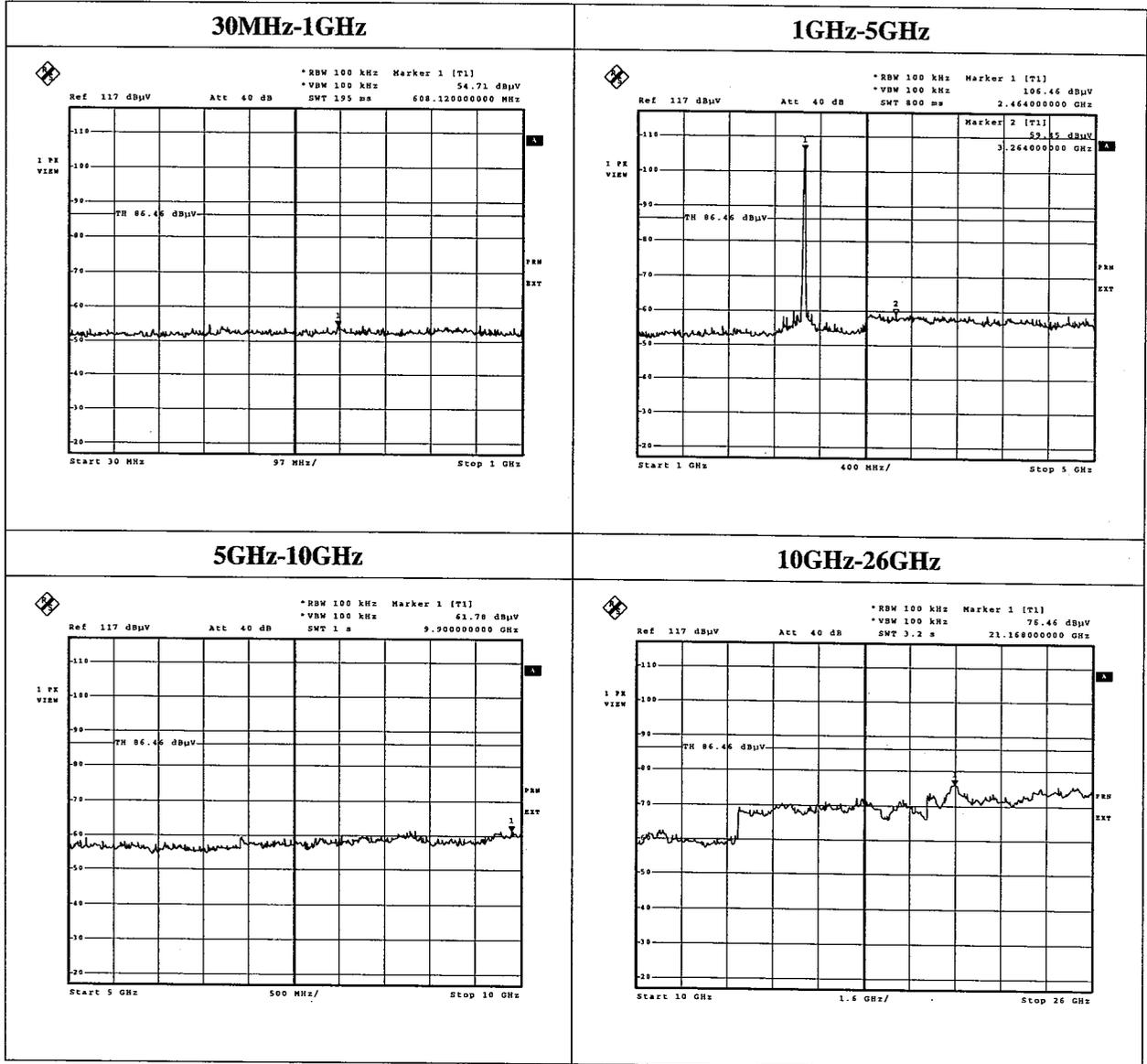
Out Band Emissions (Conducted)
Sub Antenna Data Rate : 11b 11Mbps

Ch6 : 2437MHz



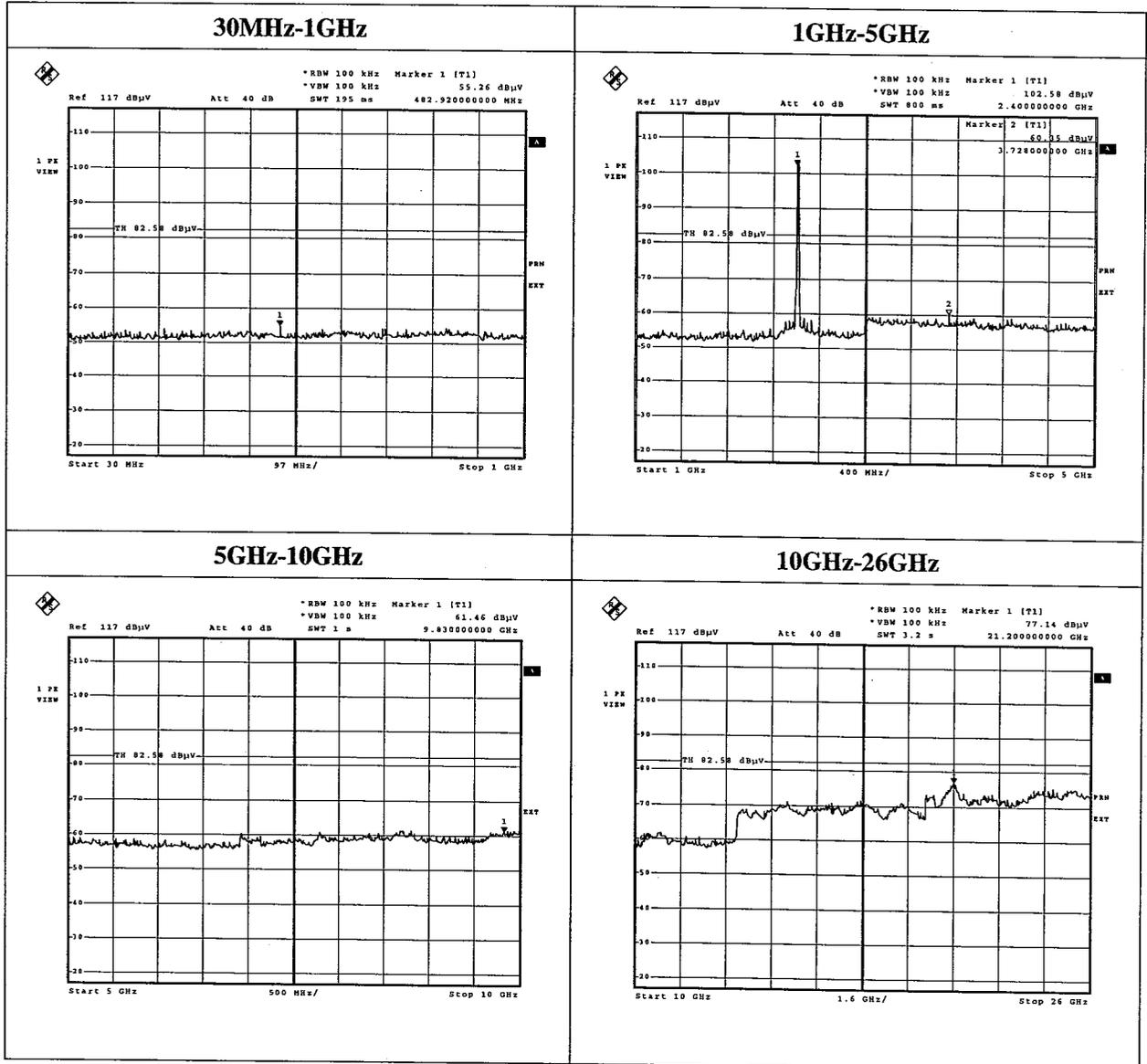
Out Band Emissions (Conducted)
Sub Antenna Data Rate : 11b 11Mbps

Ch11 : 2462MHz



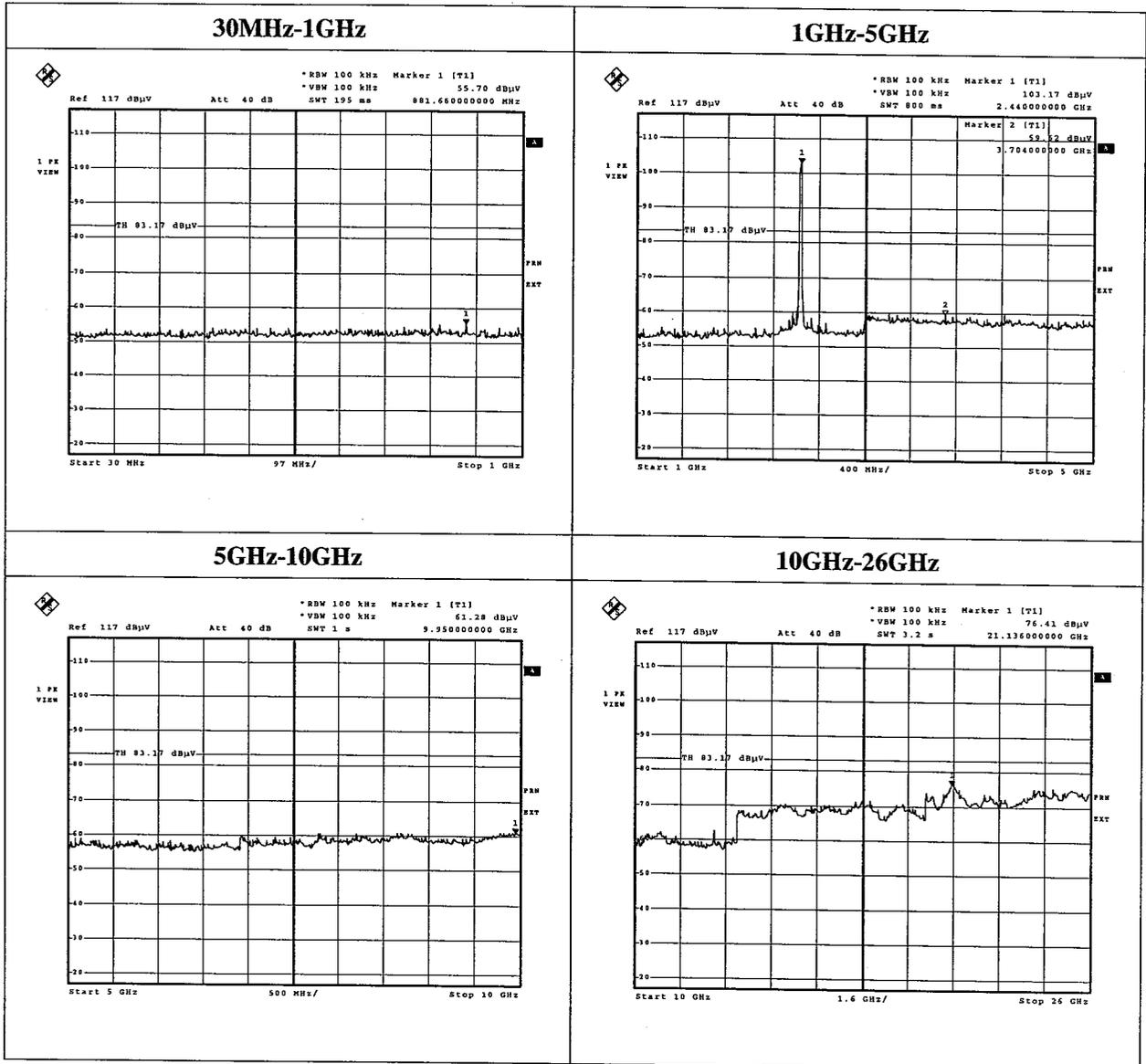
Out Band Emissions (Conducted)
Main Antenna Data Rate : 11g 54Mbps

ch1 : 2412MHz



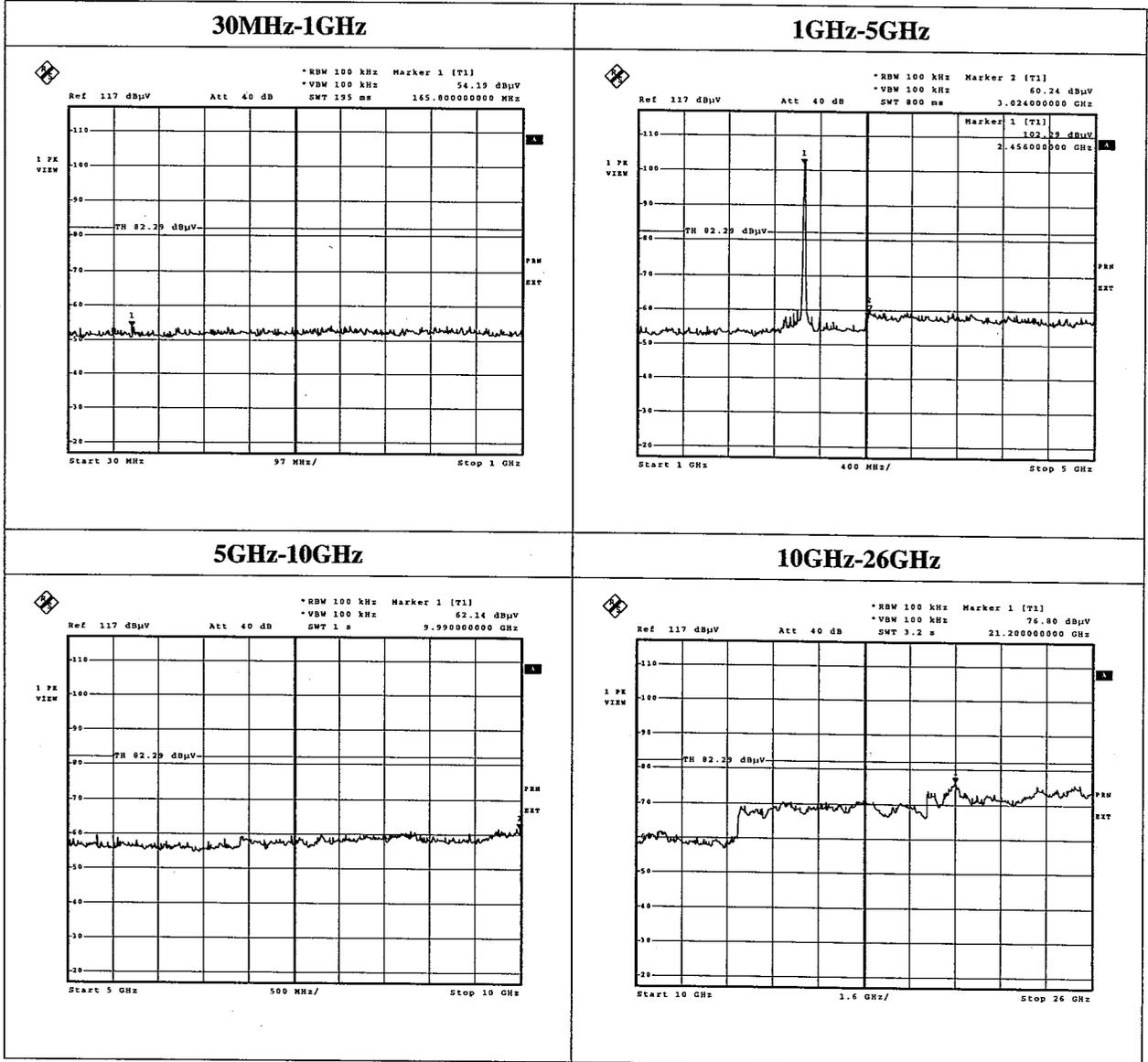
Out Band Emissions (Conducted)
Main Antenna Data Rate : 11g 54Mbps

Ch6 : 2437MHz



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

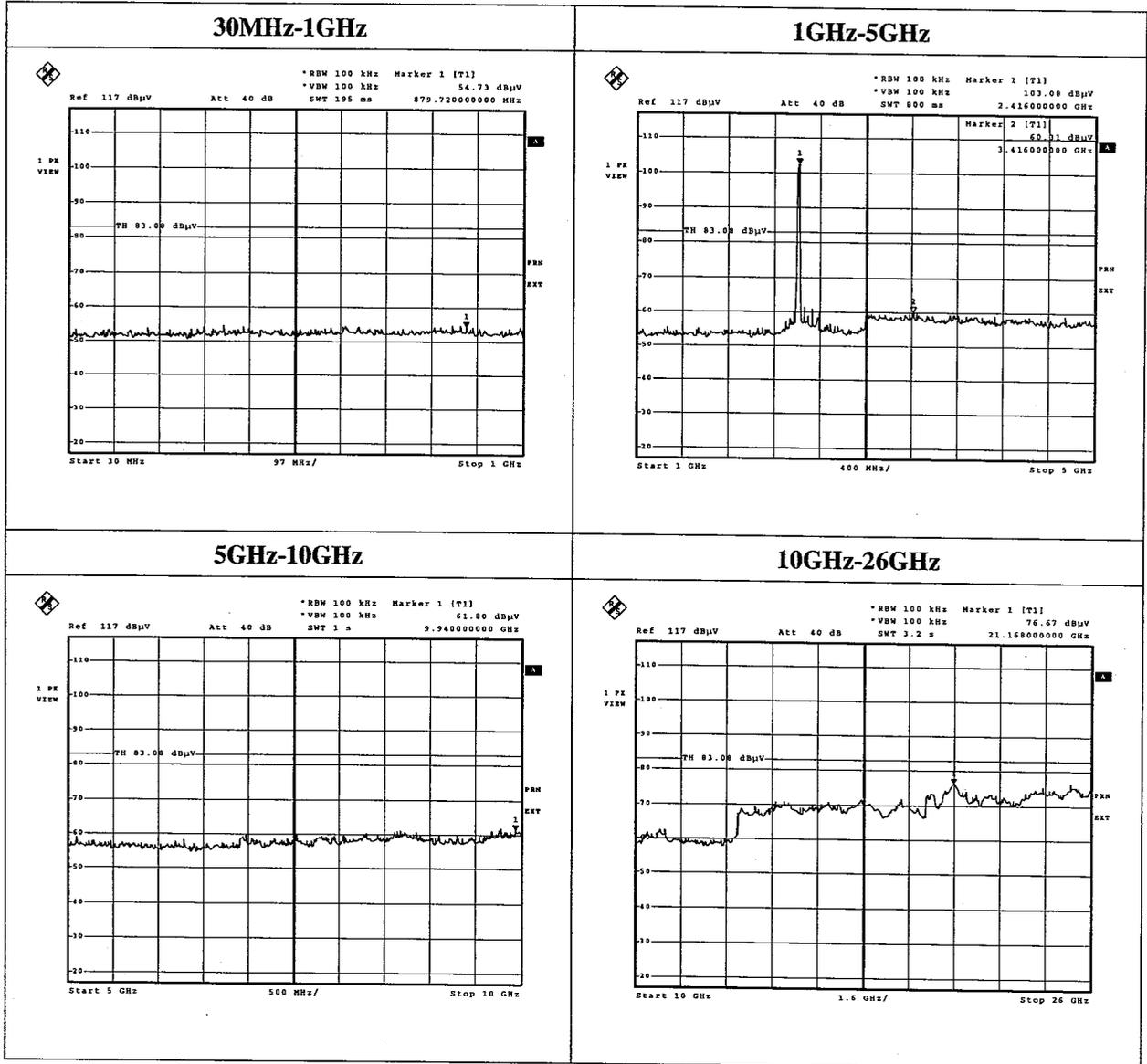
Ch11 : 2462MHz



Out Band Emissions (Conducted)

Sub Antenna Data Rate : 11g 54Mbps

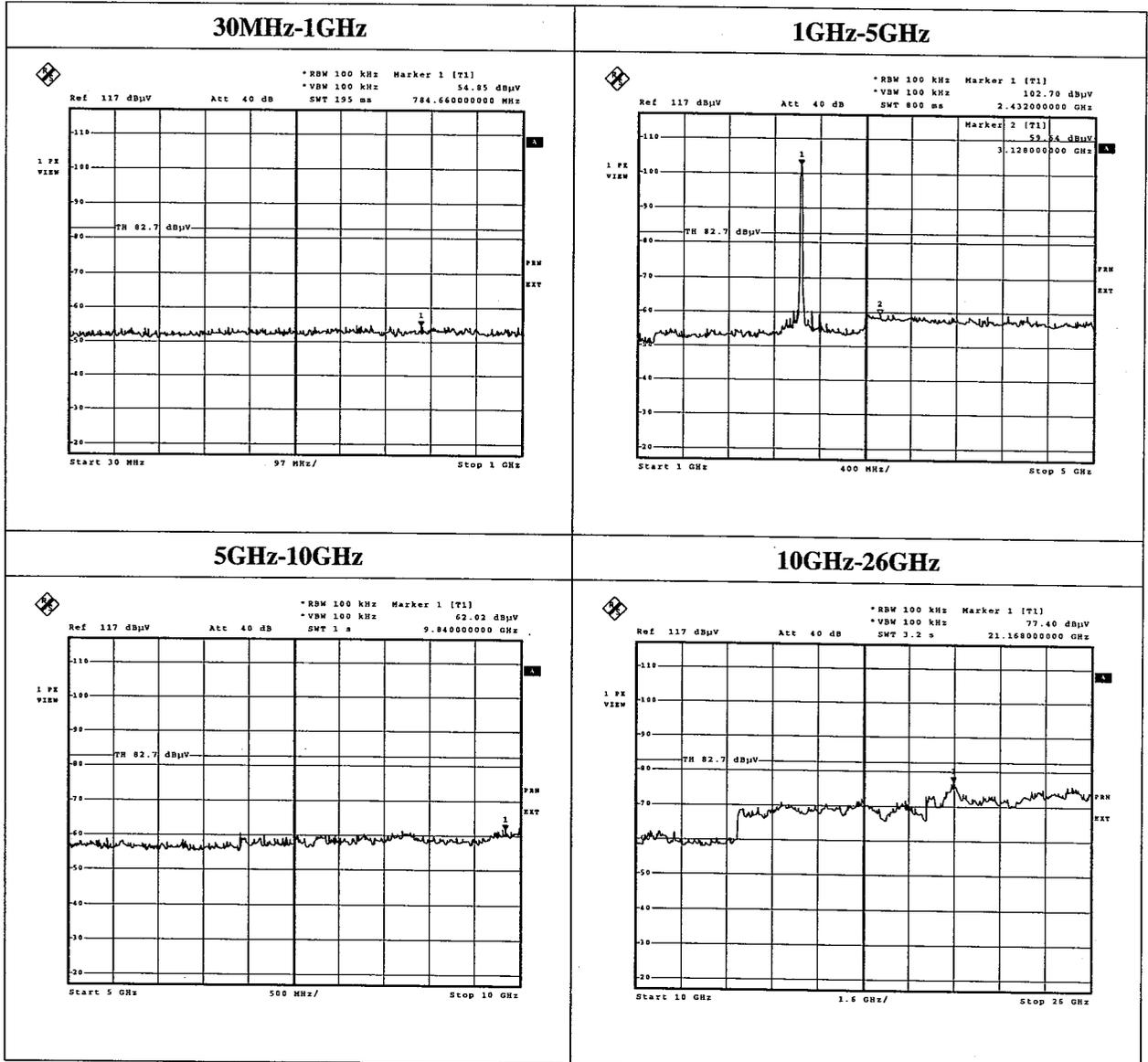
ch1 : 2412MHz



Out Band Emissions (Conducted)

Sub Antenna Data Rate : 11g 54Mbps

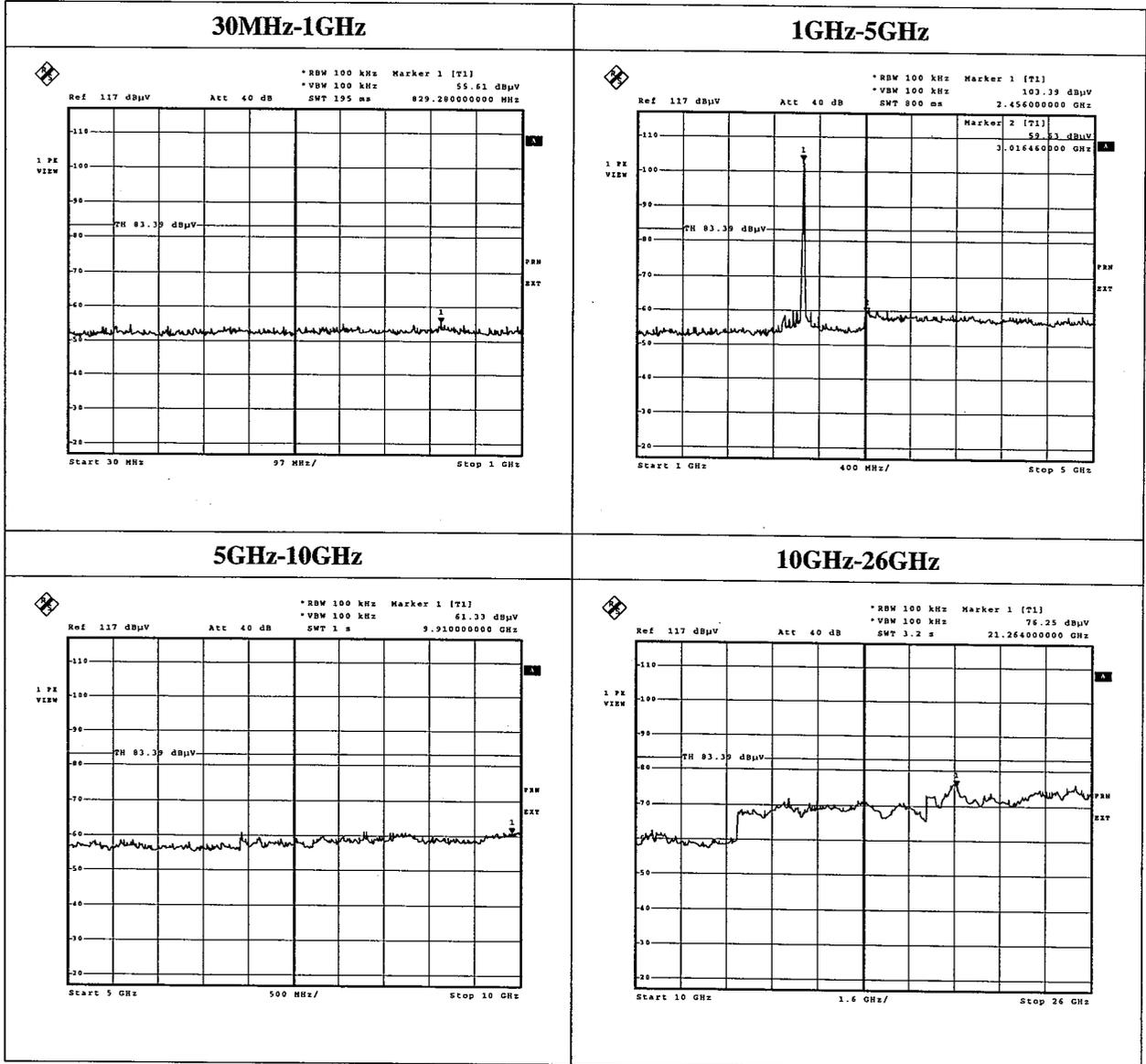
Ch6 : 2437MHz



Out Band Emissions (Conducted)

Sub Antenna Data Rate : 11g 54Mbps

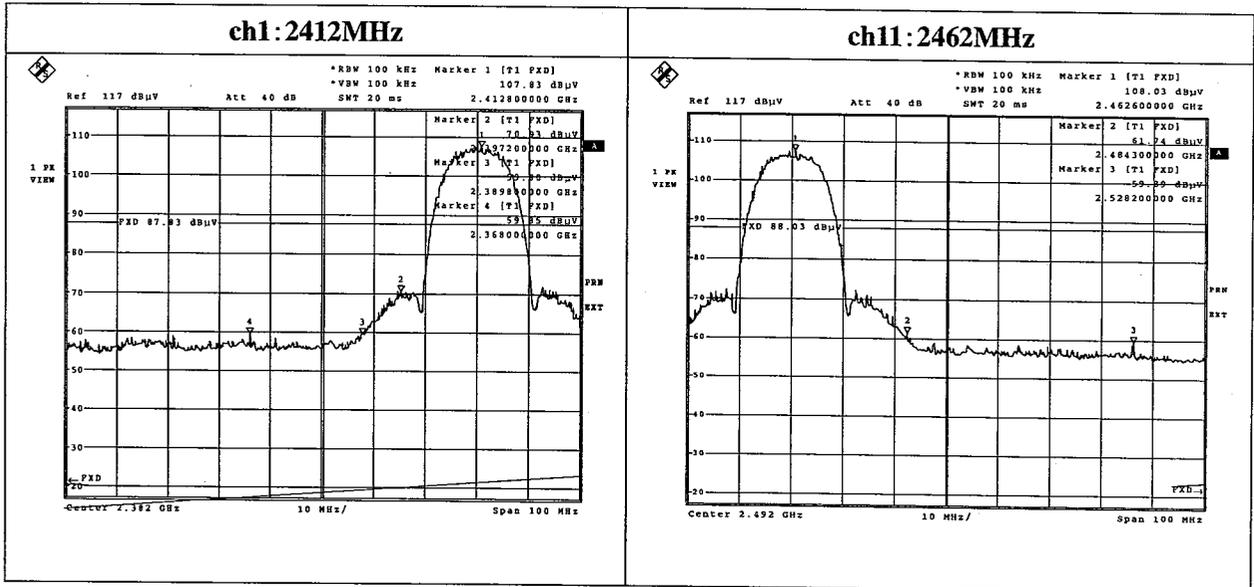
Ch11 : 2462MHz



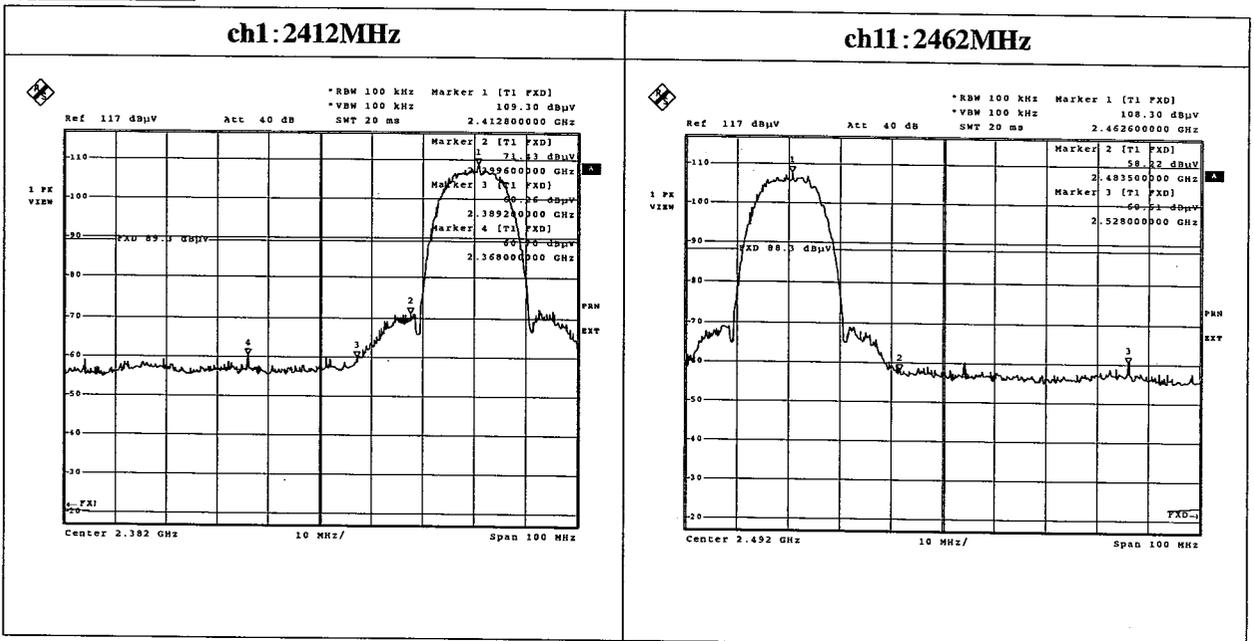
Restricted Band Edges (Conducted)

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

Main Antenna



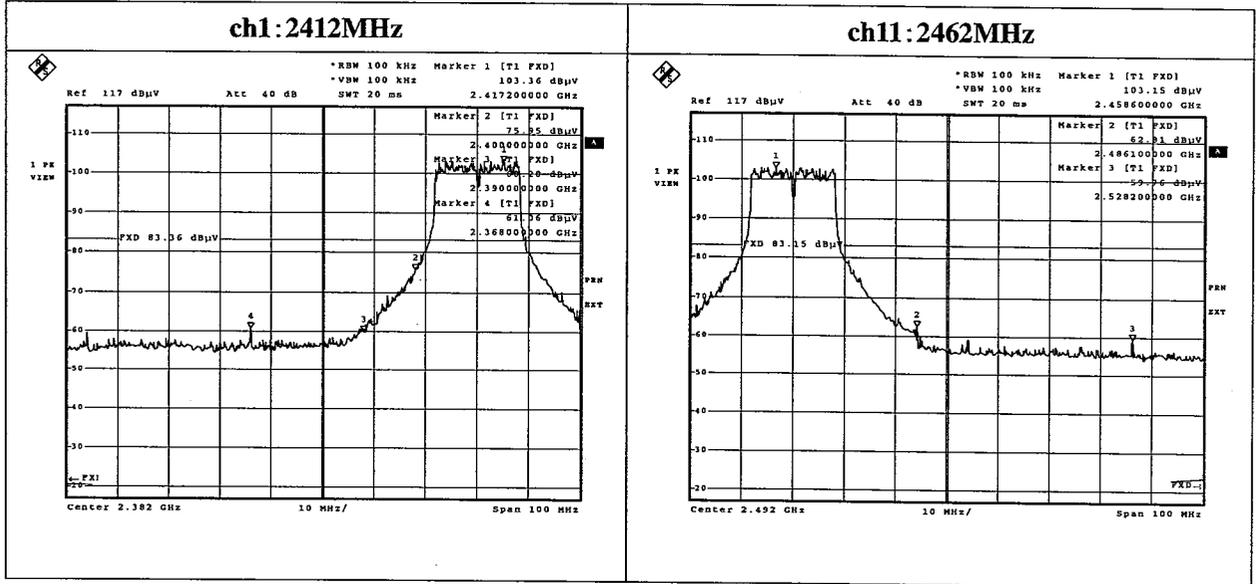
Sub Antenna



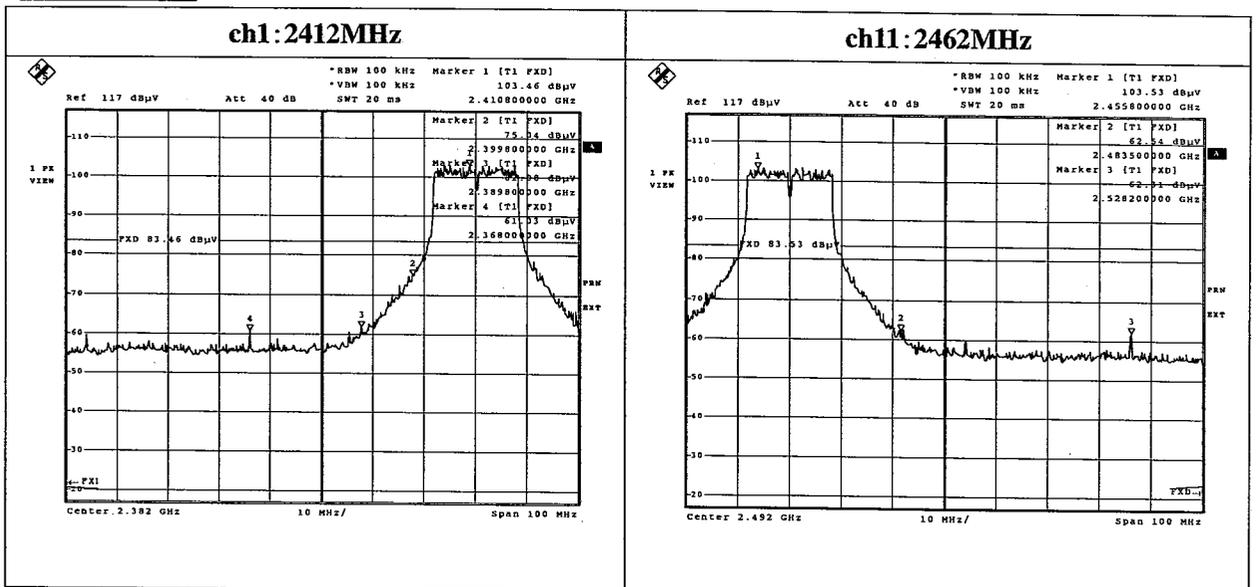
Restricted Band Edges (Conducted)

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

Main Antenna



Sub Antenna

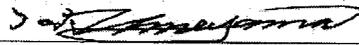


DATA OF POWER DENSITY(CONDUCTED)

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

UL Apex Co., Ltd.

EMC Head Office Division.

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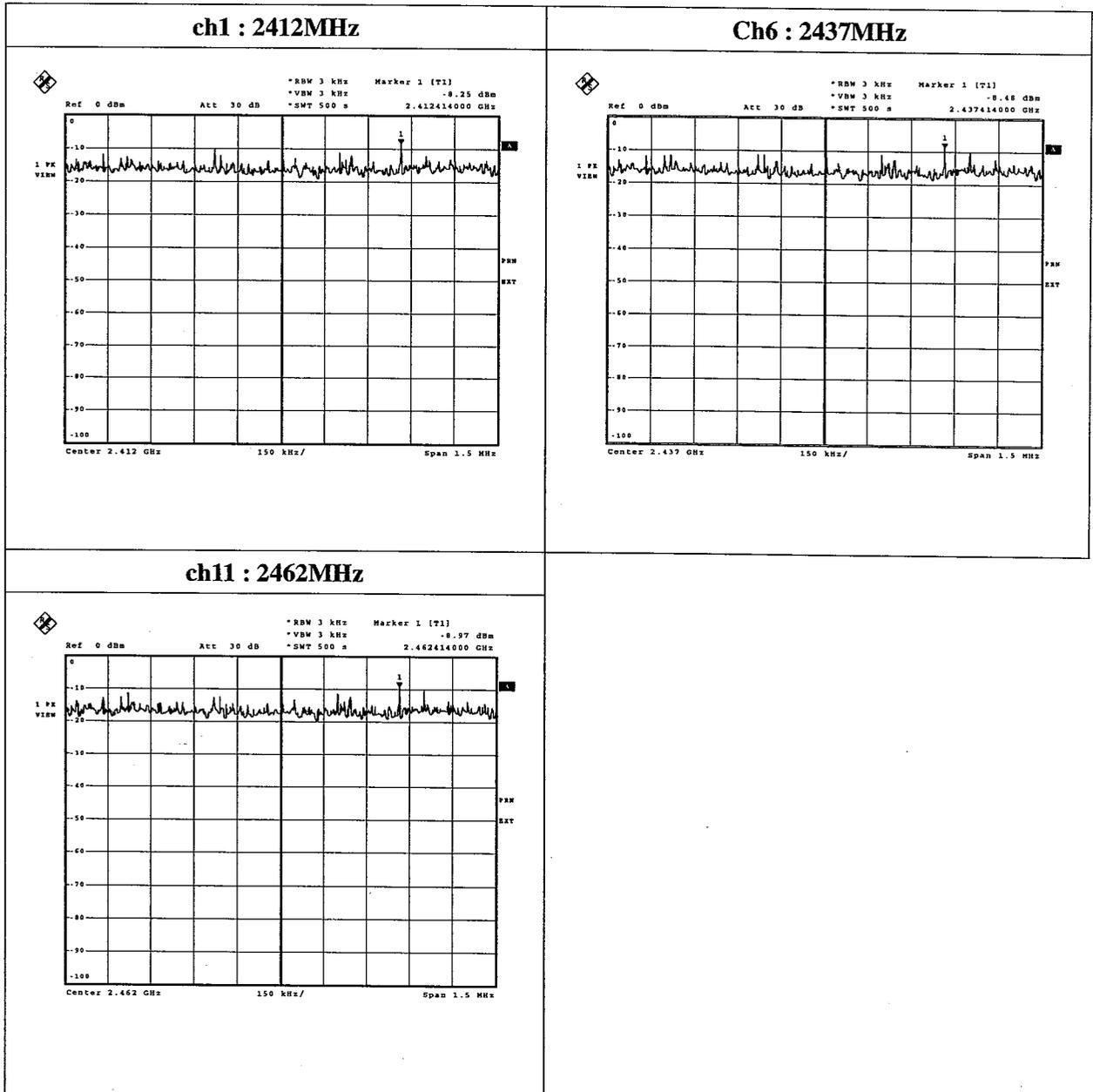
Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124

Power Density

Main Antenna Data Rate : 11b 11Mbps

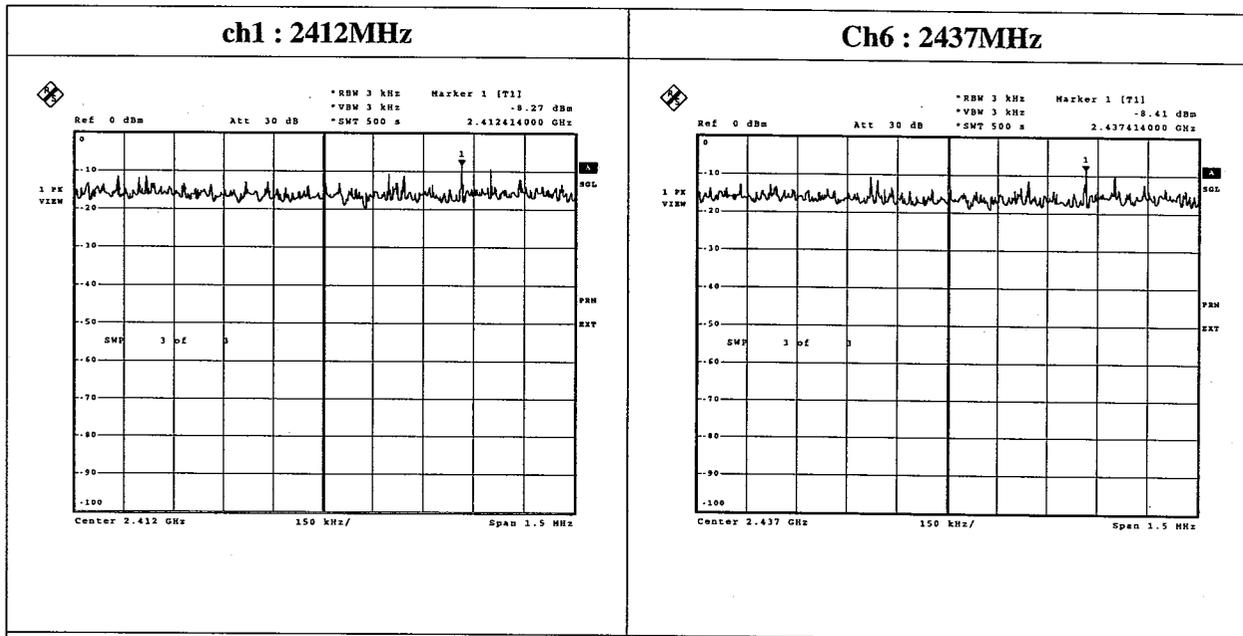
ch1 : 2412MHz



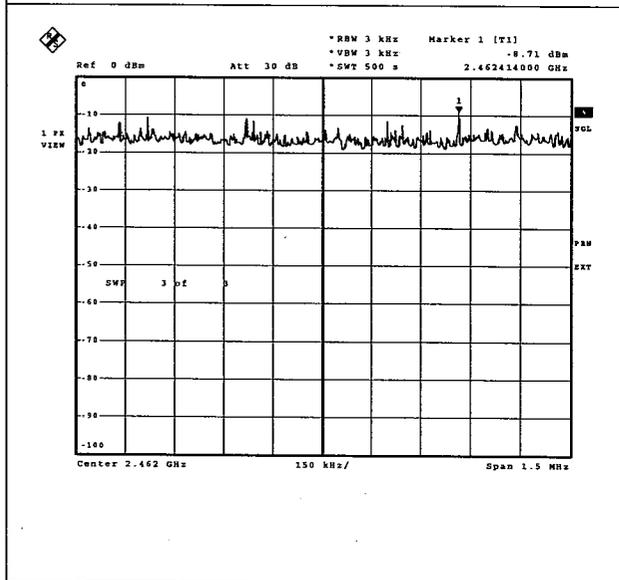
Power Density

Sub Antenna Data Rate : 11b 11Mbps

ch1 : 2412MHz



ch11 : 2462MHz



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EMC Head Office Division.

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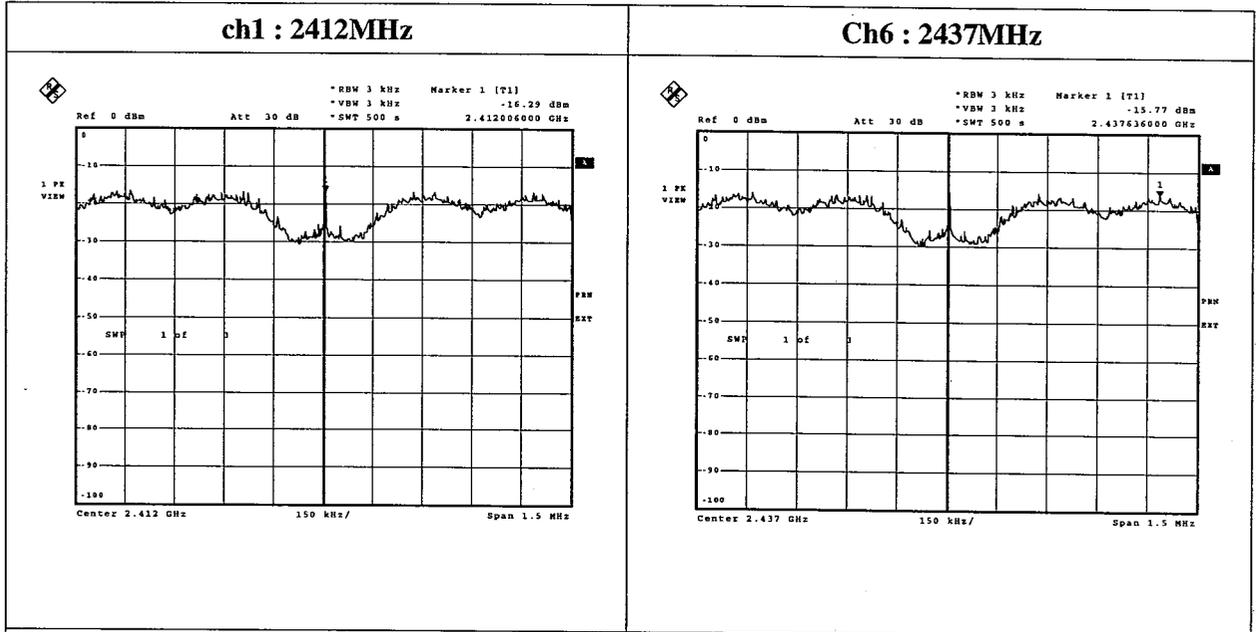
Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124

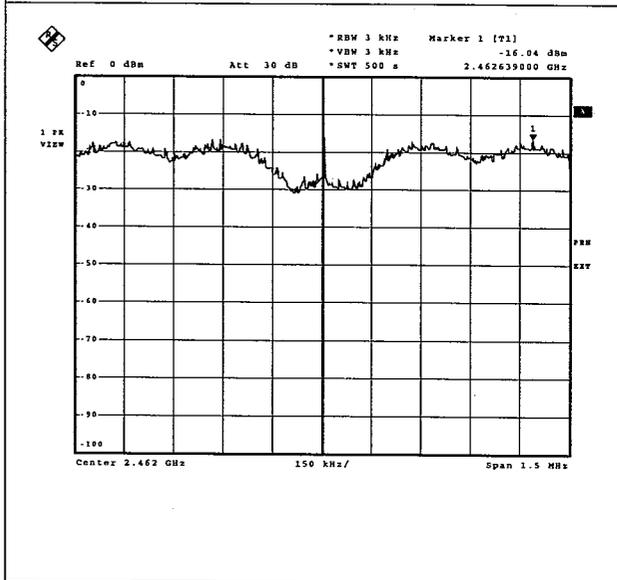
Power Density

Main Antenna Data Rate : 11g 54Mbps

ch1 : 2412MHz



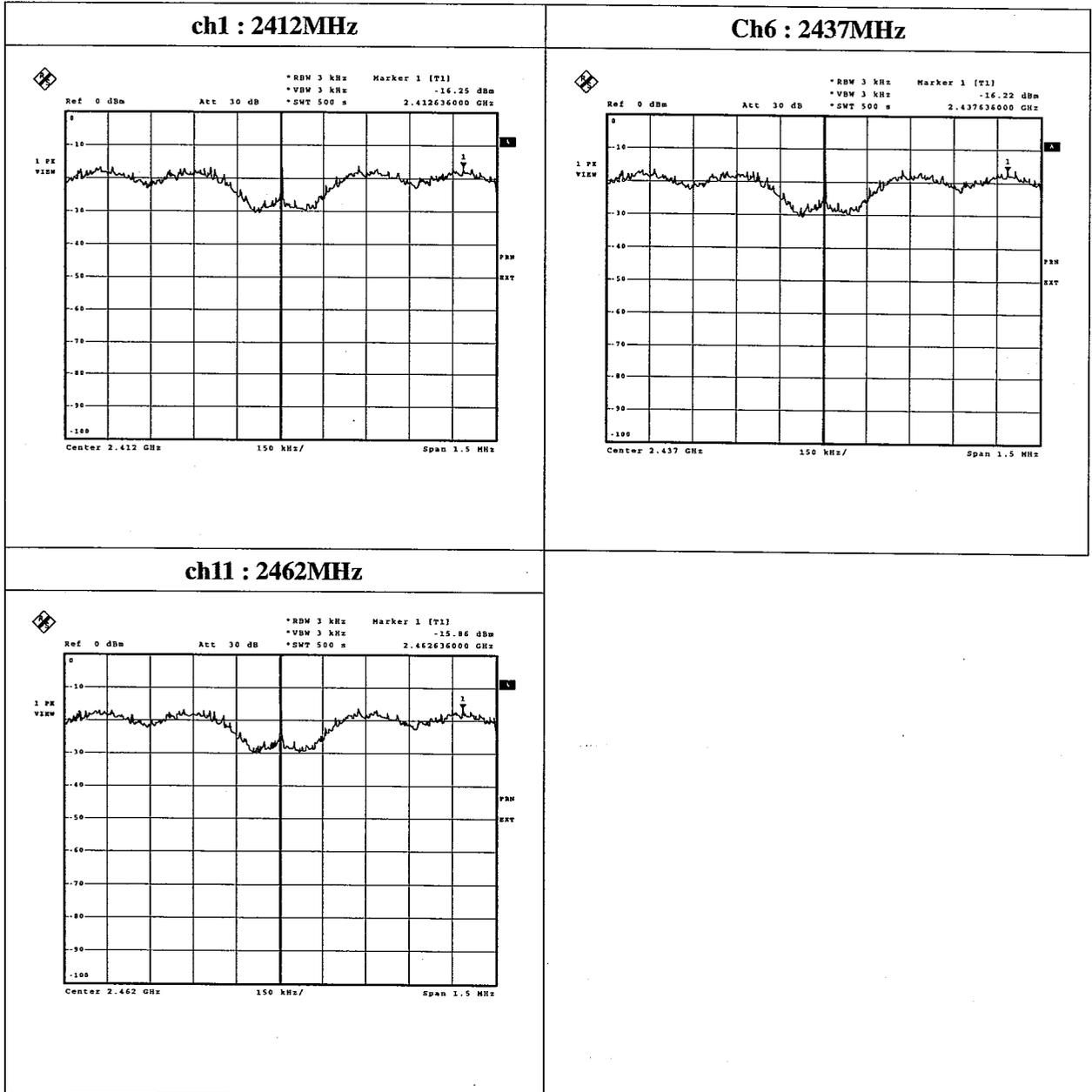
ch11 : 2462MHz



Power Density

Sub Antenna Data Rate : 11g 54Mbps

ch1 : 2412MHz

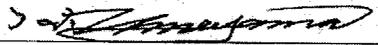


DATA OF 99% Occupied Bandwidth

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%



ENGINEER : Hiroka Umeyama

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

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

UL Apex Co., Ltd.

EMC Head Office Division.

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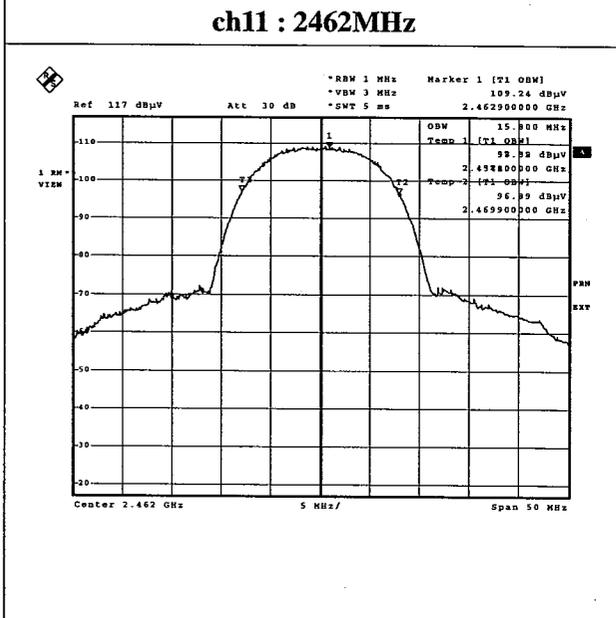
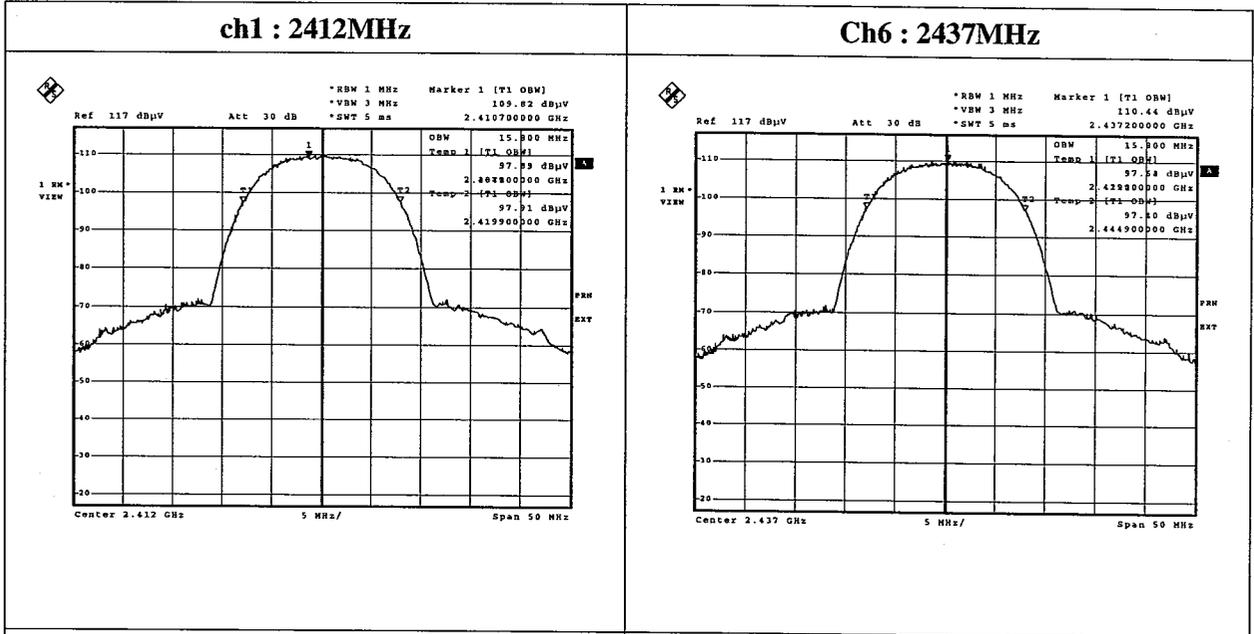
Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124

99% Occupied Bandwidth

Main Antenna Data Rate : 11b 11Mbps

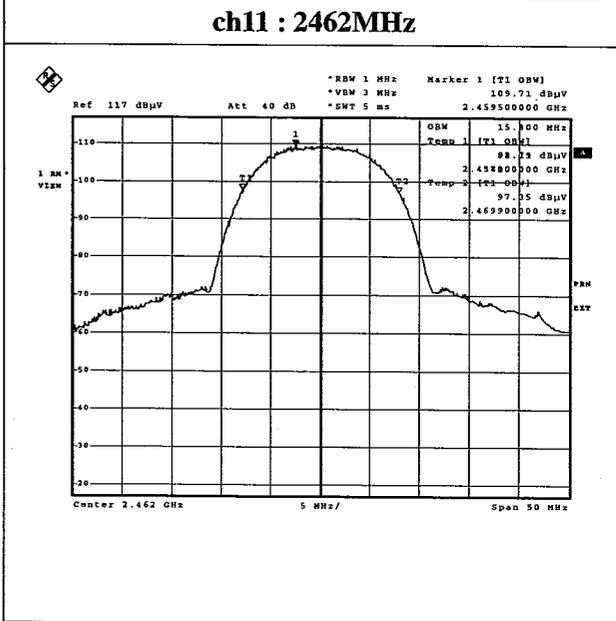
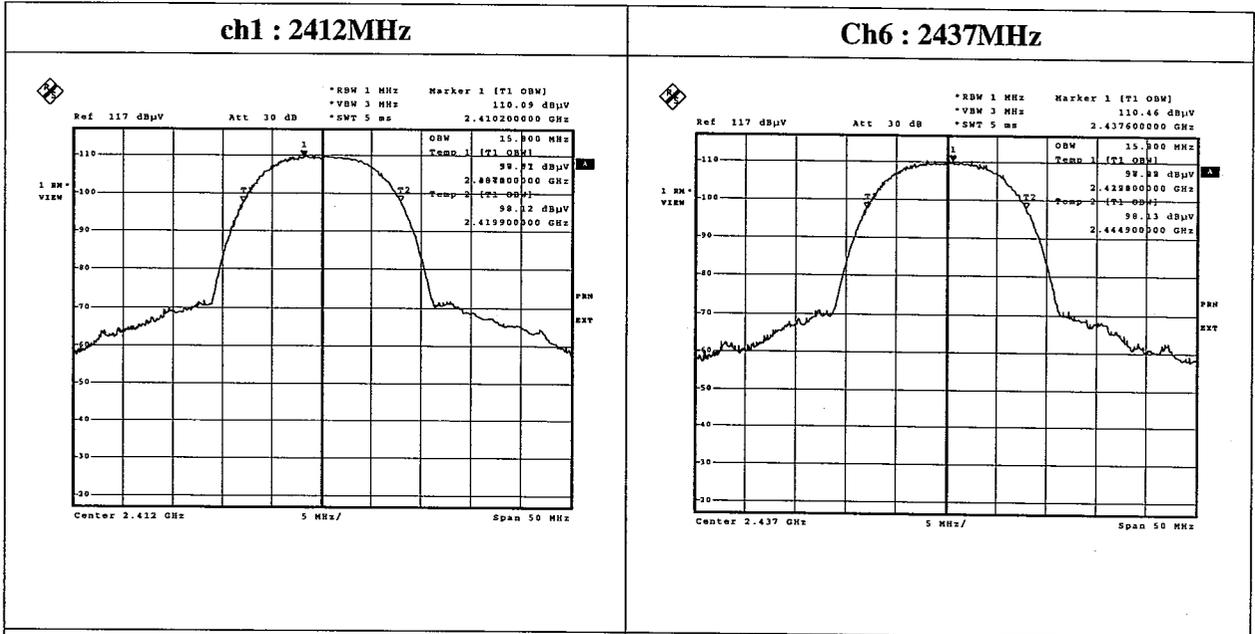
ch1 : 2412MHz



99% Occupied Bandwidth

Sub Antenna Data Rate : 11b 11Mbps

ch1 : 2412MHz



99% Occupied Bandwidth

Sub Antenna Data Rate : 11g 54Mbps

ch1 : 2412MHz

