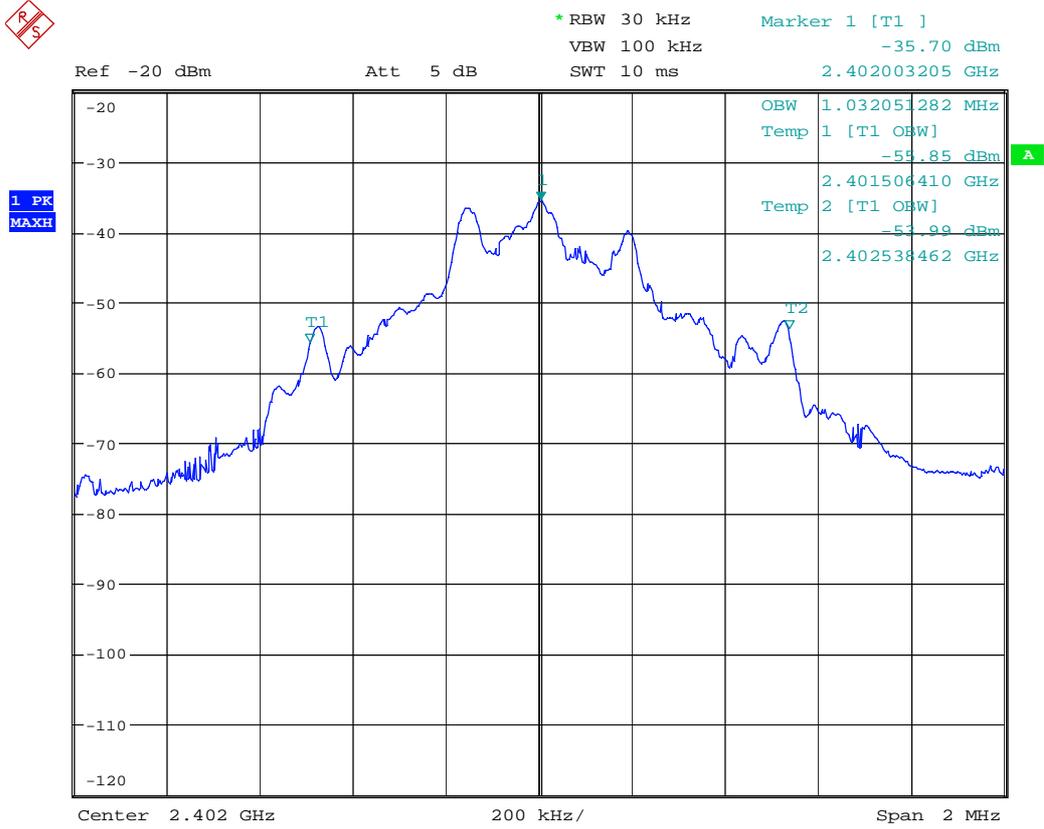


Appendix A

20dB bandwidth measurement

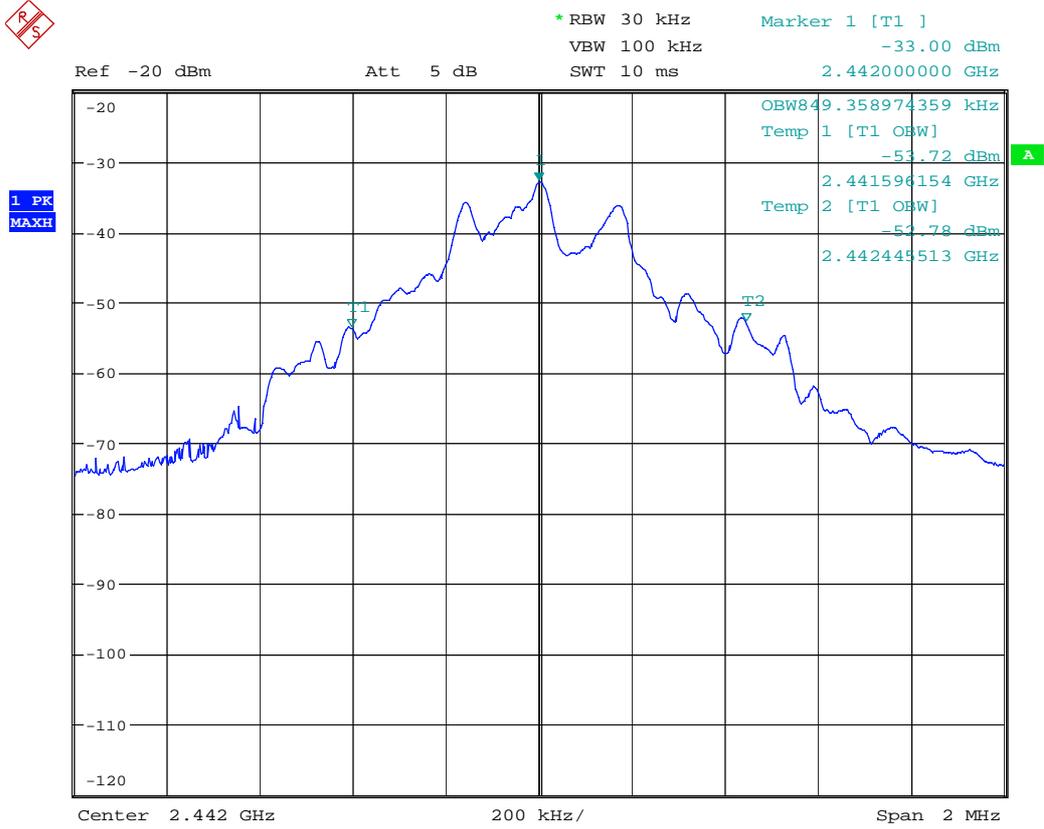
According to FCC Part 15.247 a (1)

Channel 0 (2402MHz)



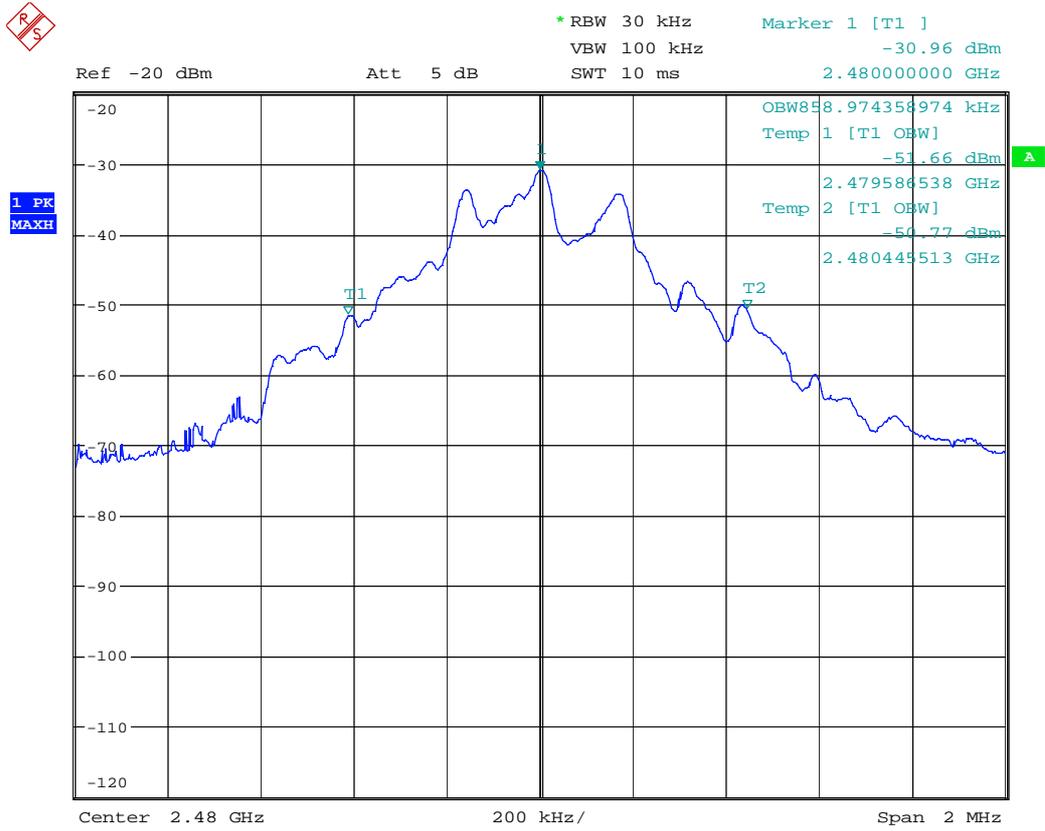
Date: 1.MAR.2007 12:16:29

Channel 40 (2442MHz)



Date: 1.MAR.2007 12:19:34

Channel 0 (2480MHz)



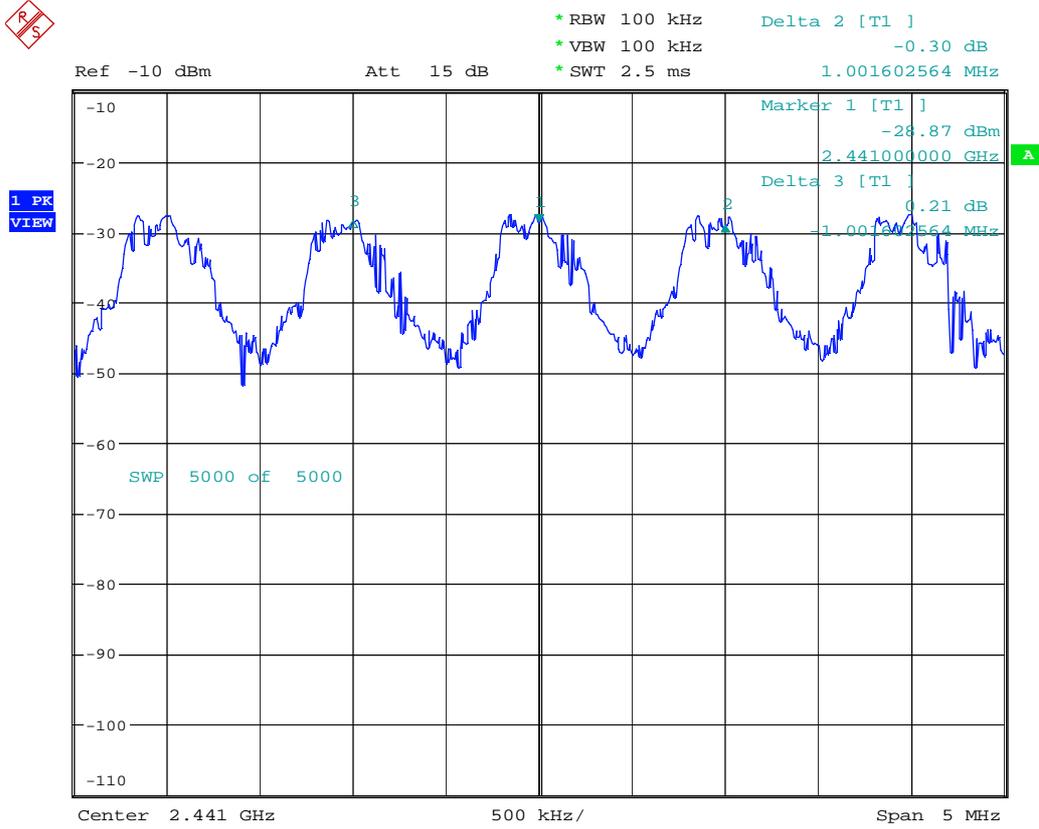
Date: 1.MAR.2007 12:22:12

Appendix B

Carrier frequency separation measurement

According to FCC Part 15.247 a (1)

Centred at Channel 40



Date: 1.MAR.2007 14:45:19

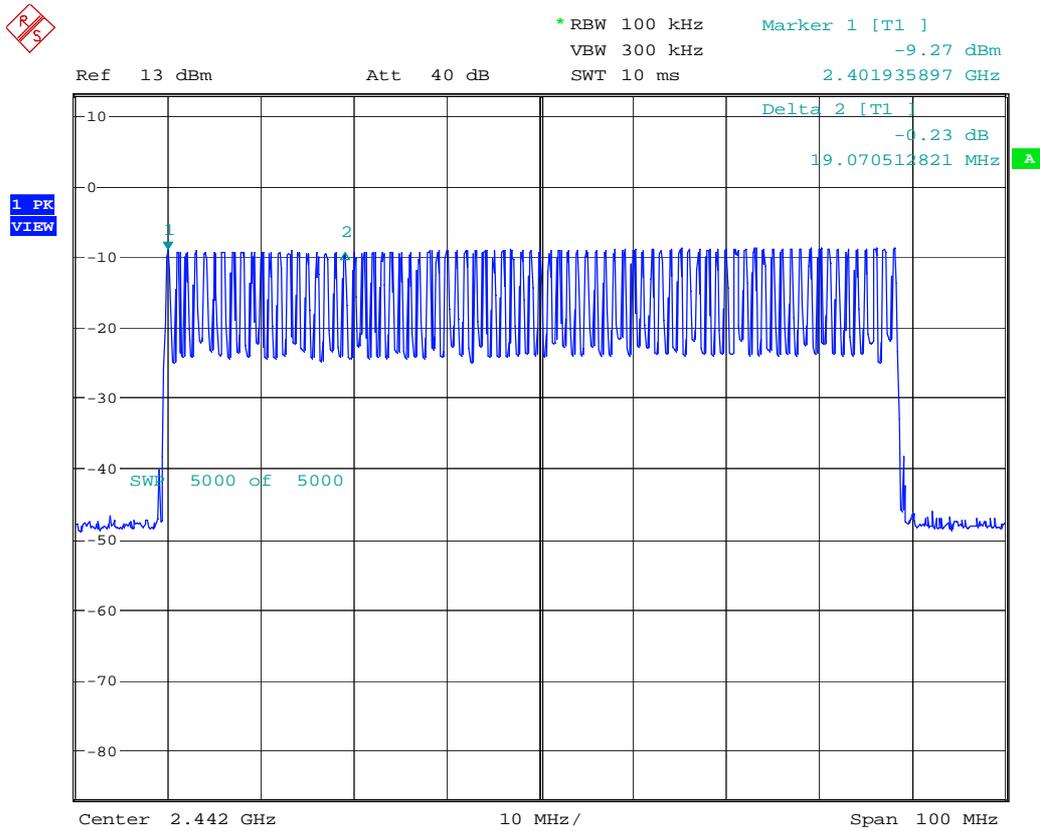
Appendix C

Number of hopping channel

According to FCC Part 15.247 a (1) iii

Total hopping channels = 79

There are 20 peaks between marker1 and marker2



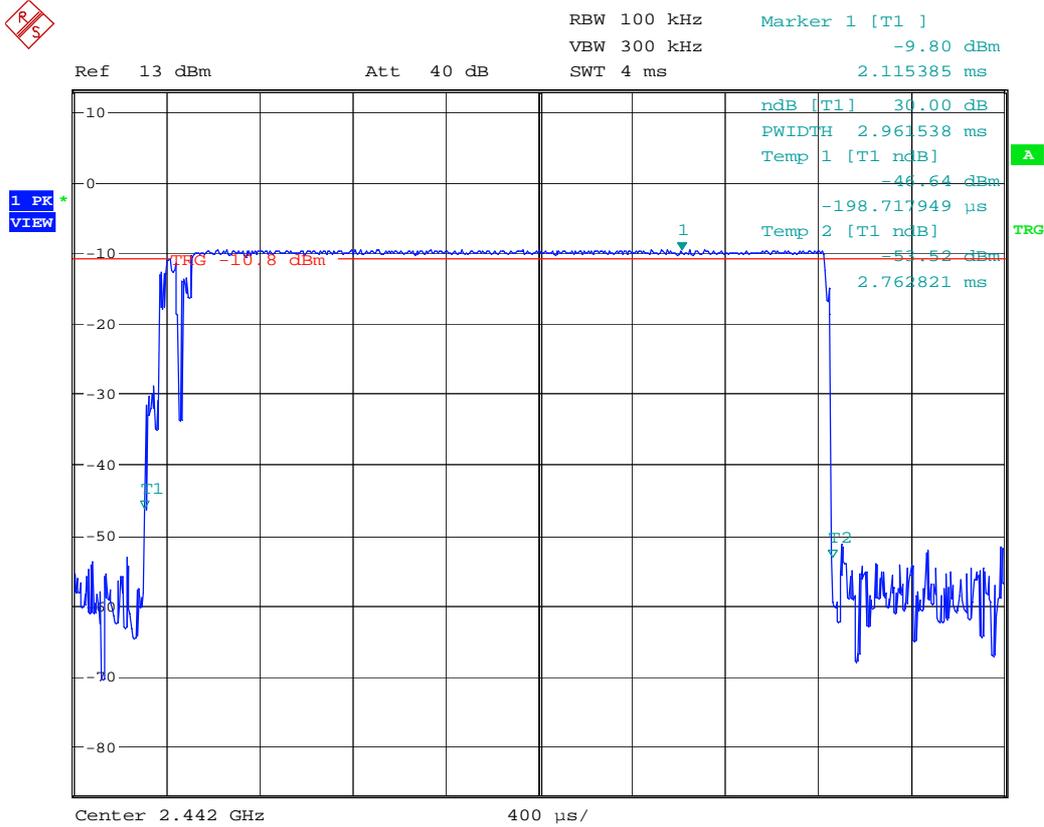
Date: 1.MAR.2007 18:33:51

Appendix D

Time of occupancy

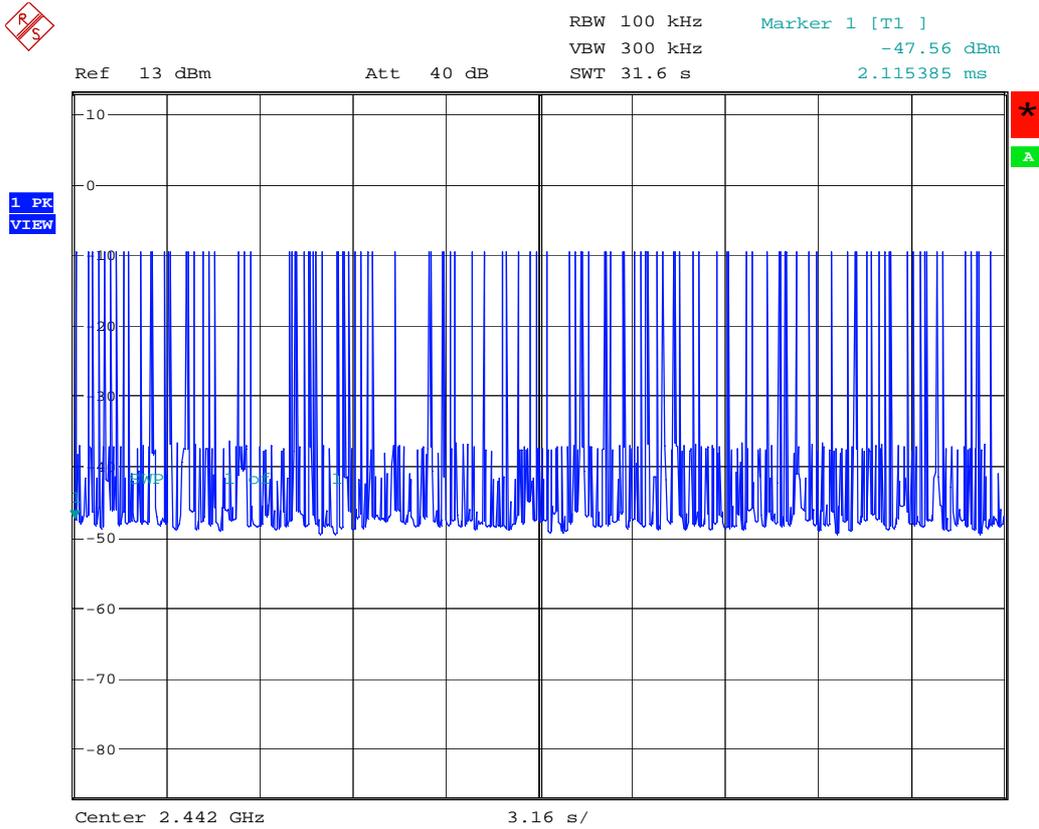
According to FCC Part 15.247 a (1) iii

A burst (One time slot)



Date: 1.MAR.2007 18:41:14

A period (Total 115 burst)



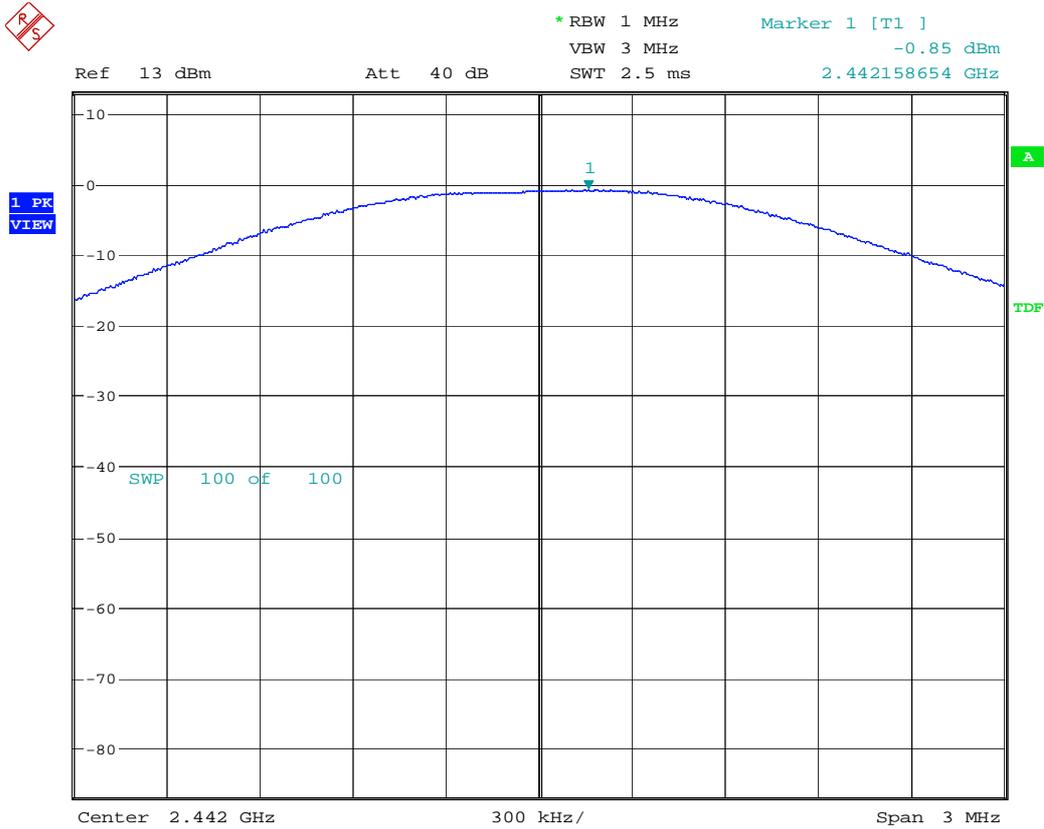
Date: 1.MAR.2007 18:45:25

Appendix E

Peak output power

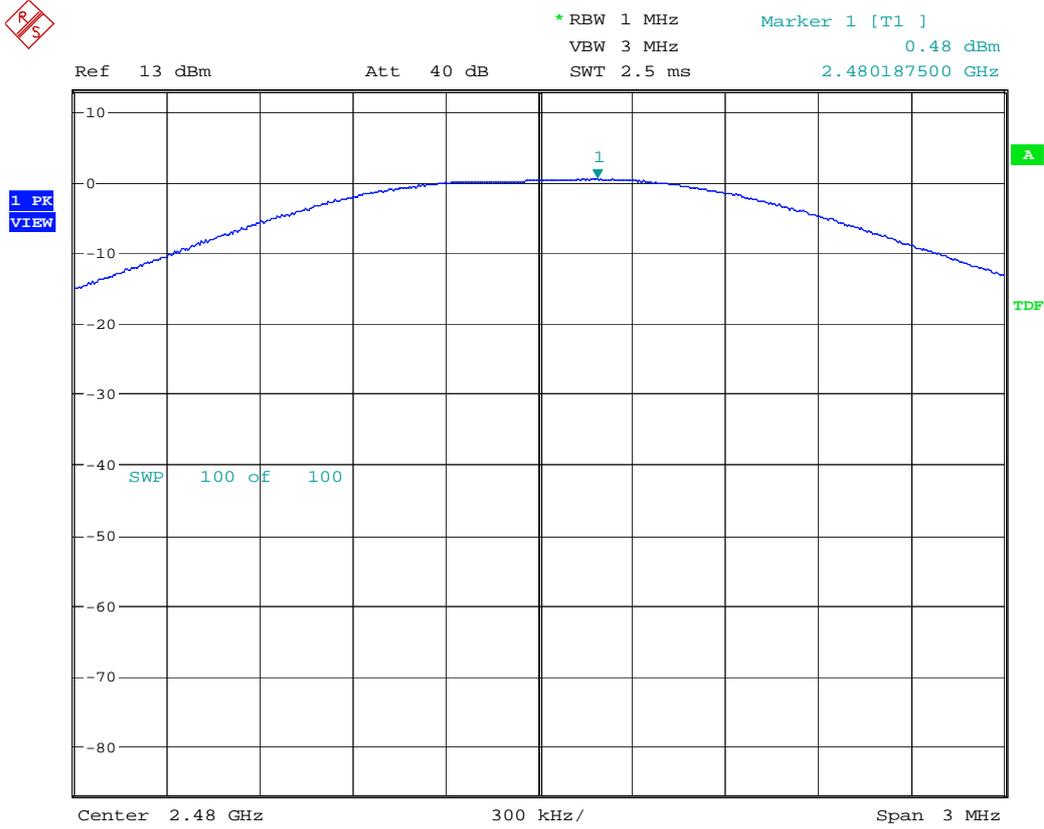
According to FCC Part 15.247 b (1)

Channel 40 (2442MHz)



Date: 1.MAR.2007 18:55:04

Channel 78 (2480MHz)



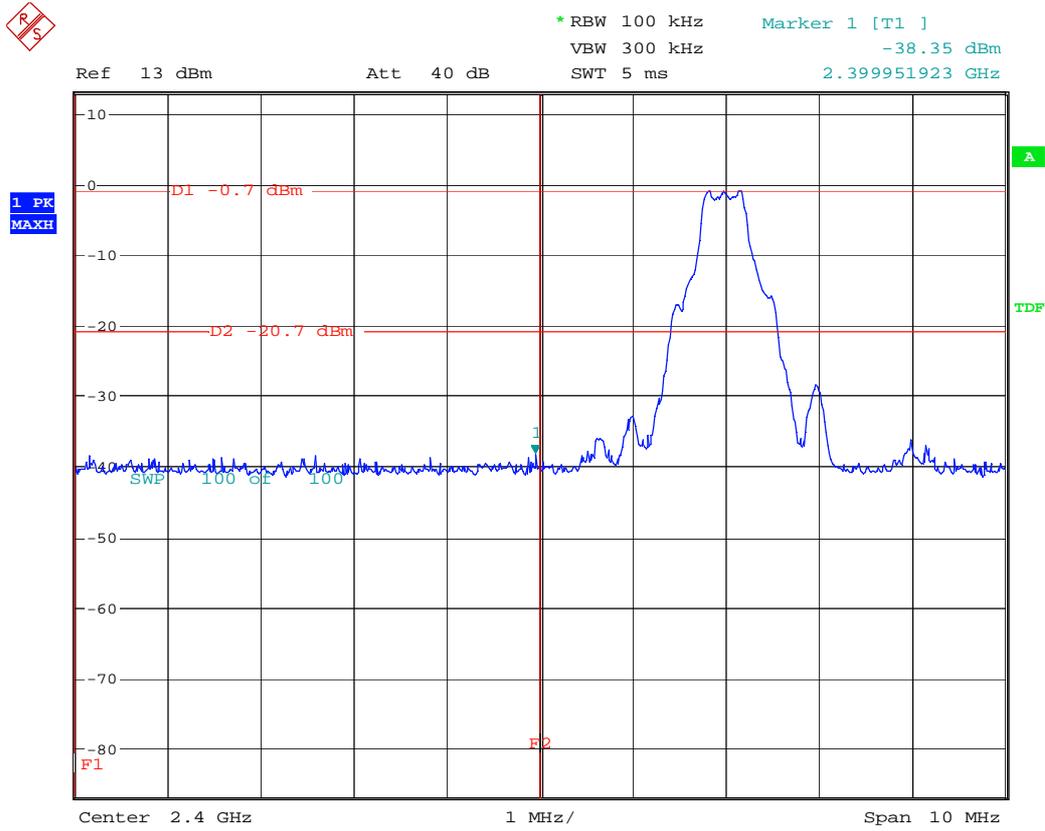
Date: 1.MAR.2007 18:58:55

Appendix F

Band edge spurious emission

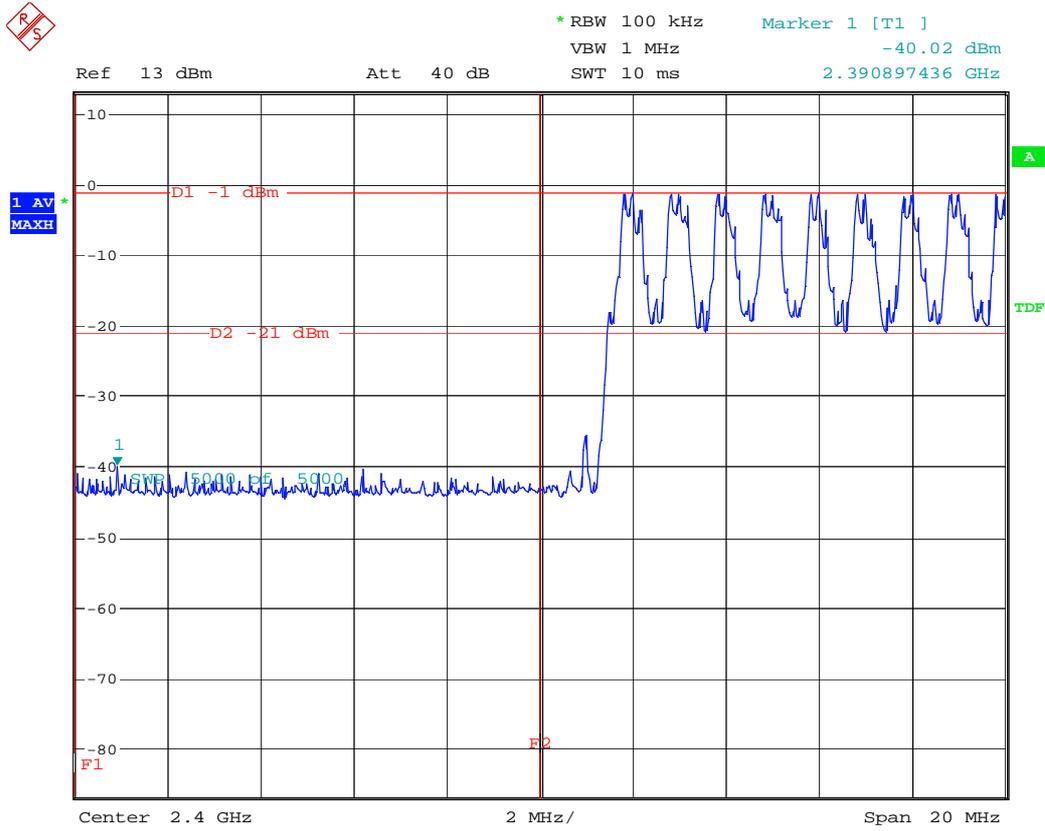
According to FCC Part 15.247 d

Low edge (Channel 0, no hopping)



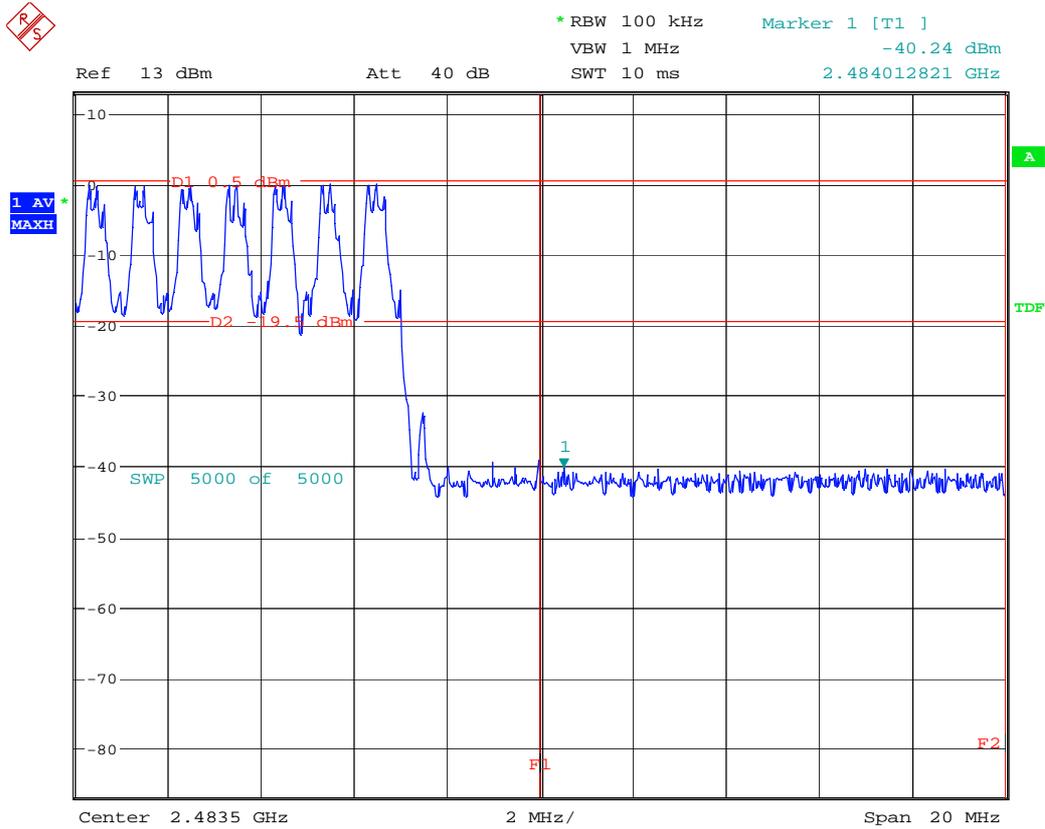
Date: 2.MAR.2007 17:16:48

Low edge (with hopping)



Date: 2.MAR.2007 17:44:31

High edge (with hopping)



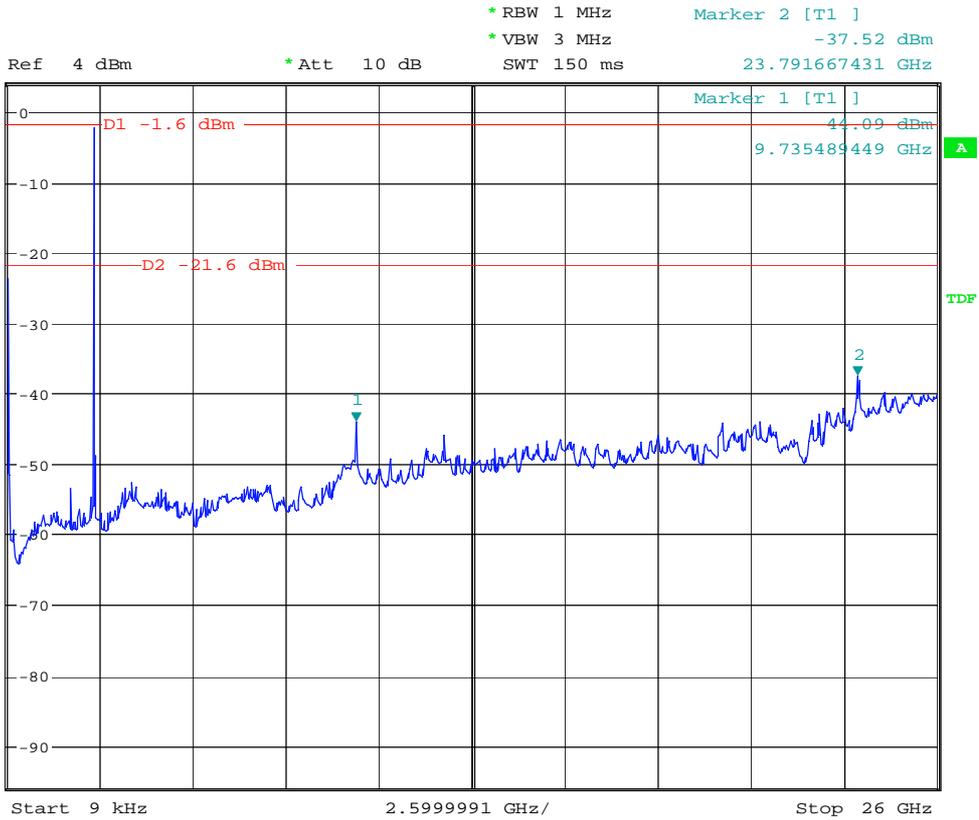
Date: 2.MAR.2007 17:36:52

Appendix G

Conducted RF spurious

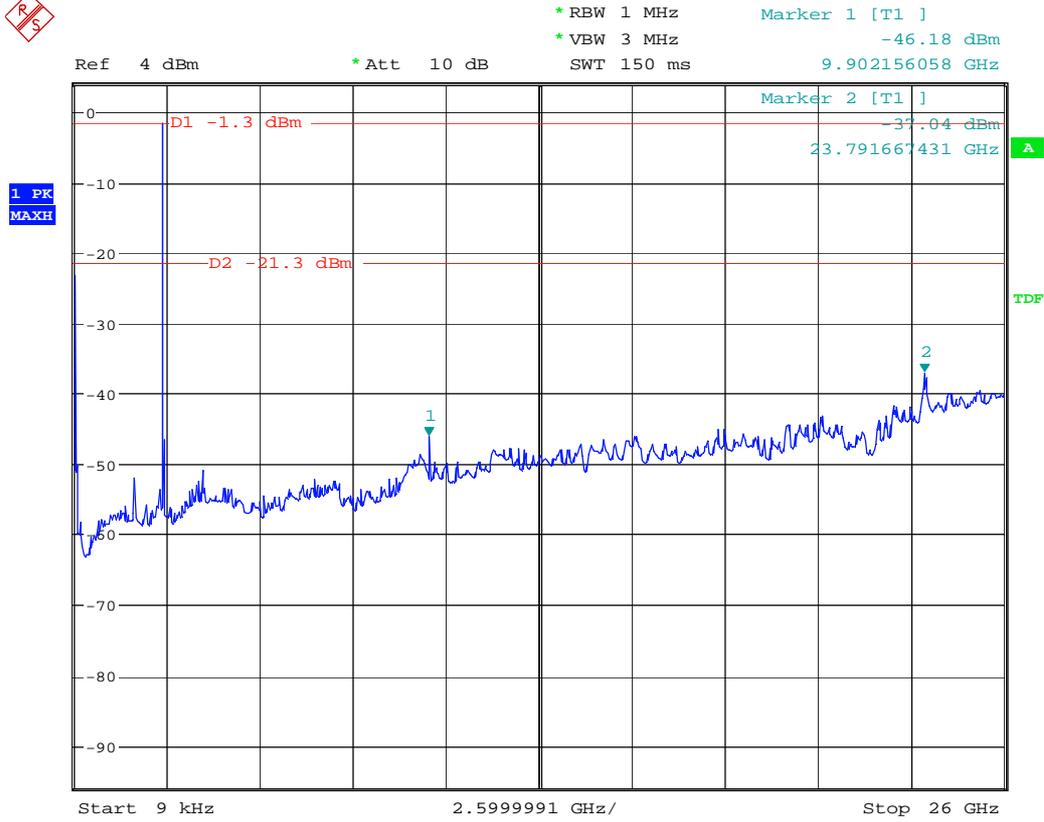
According to FCC Part 15.247 d

Channel 40



Date: 2.APR.2007 16:42:58

Channel 78



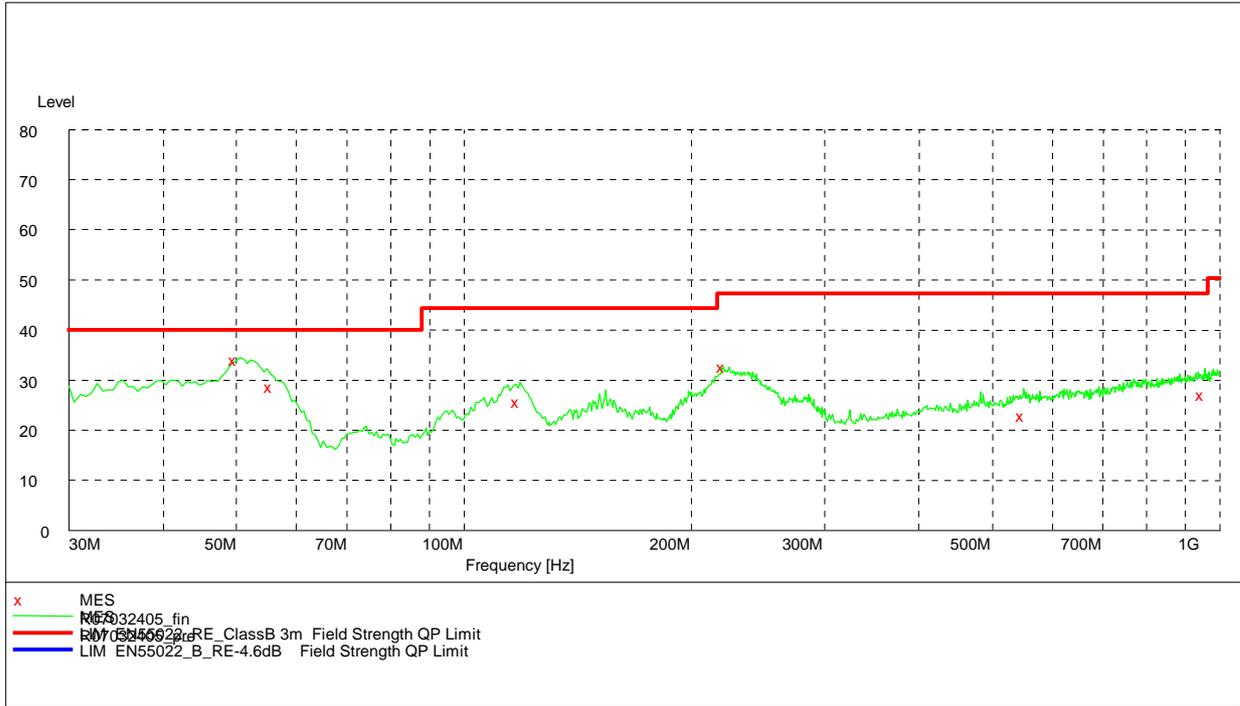
Date: 2.APR.2007 16:48:46

Appendix H

Radiated spurious emission

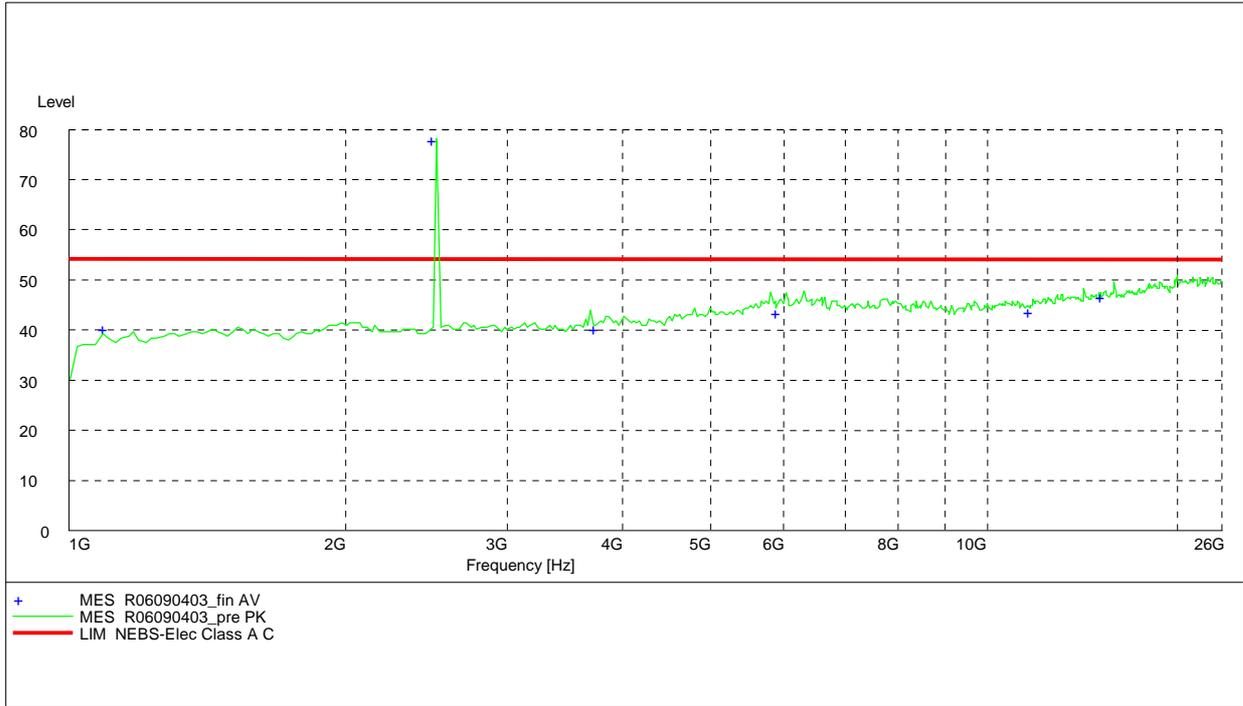
According to FCC Part 15.247 d & 15.205 & 15.209

Channel 0 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height deg	Azimuth	Polarization
50.000000	34.10	-14.4	40.0	5.9.0	108.0	78.00	VERTICAL
55.640000	29.00	-15.3	40.0	11.0	100.0	176.00	VERTICAL
118.040000	25.80	-9.6	43.5	17.7	100.0	295.00	VERTICAL
219.520000	32.80	-11.6	46.0	13.2	139.0	285.00	HORIZONTAL
549.120000	23.00	-1.7	46.0	23.0	100.0	239.00	HORIZONTAL
948.420000	27.20	1.9	46.0	18.8	181.0	305.00	VERTICAL

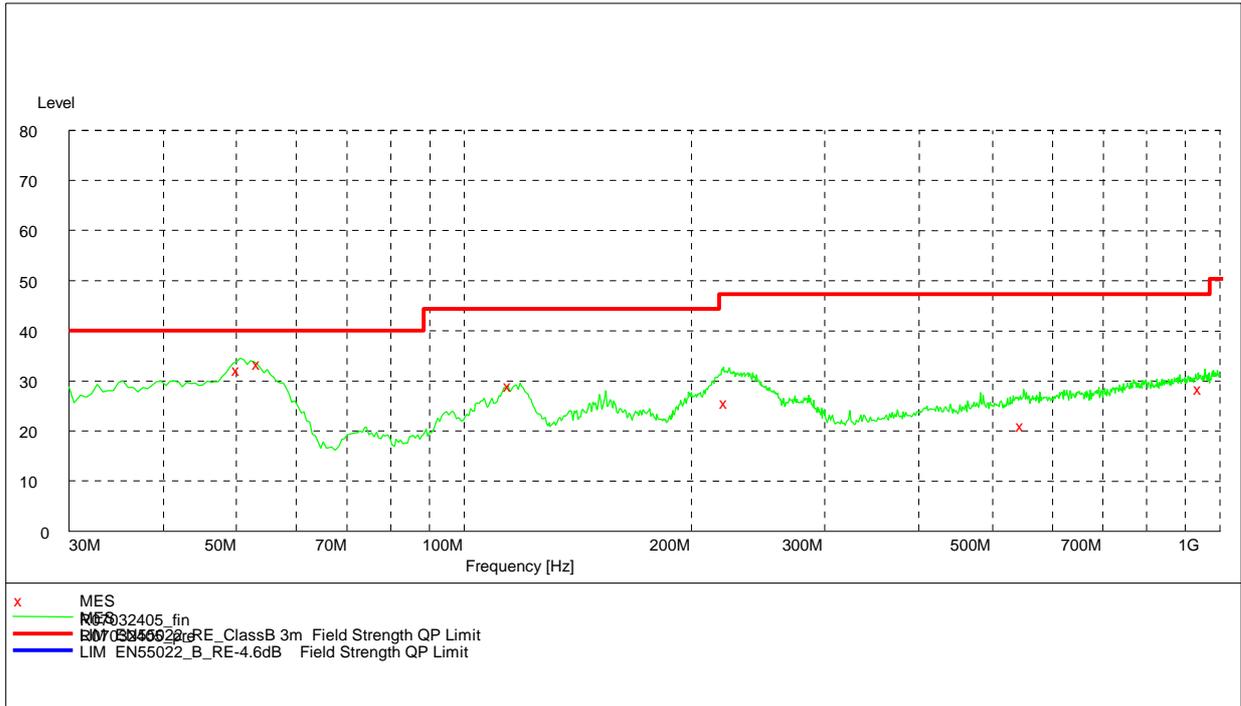
1GHz to 26GHz



Note: The peak exceeds the limit line is carrier frequency.

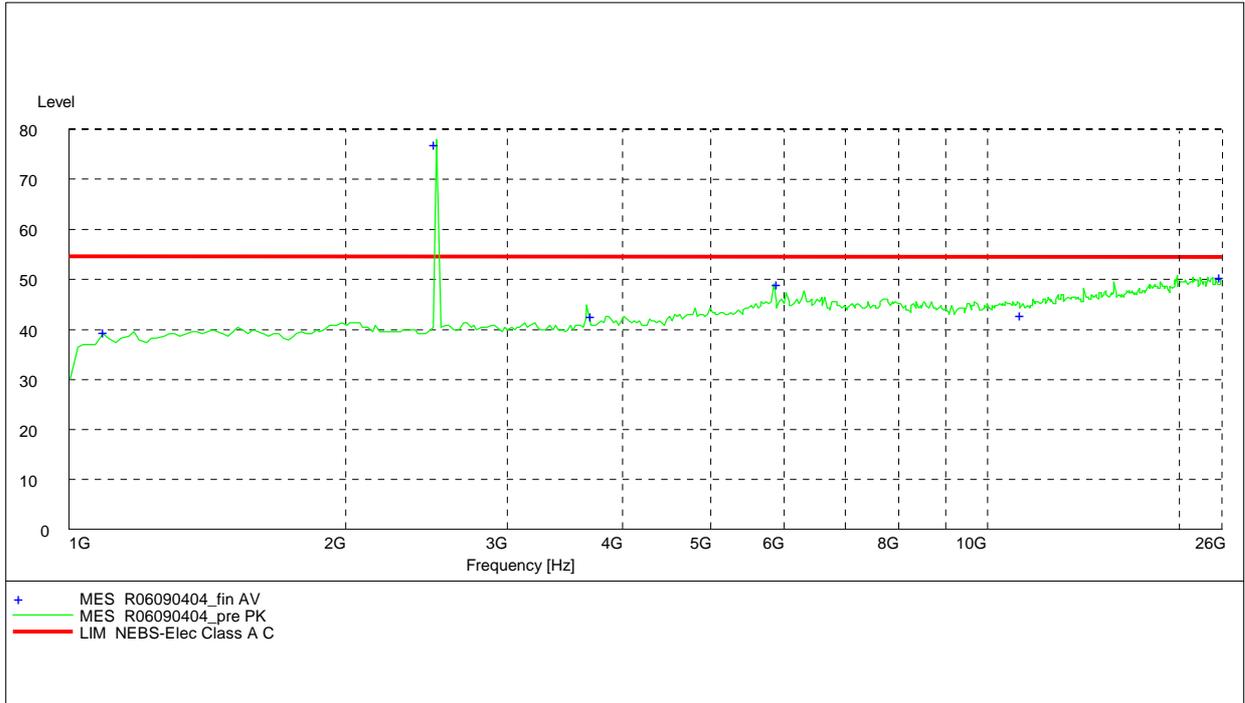
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height deg	Azimuth	Polarization
1100.000000	40.20	-6.5	54.0	13.8	106.0	305.00	HORIZONTAL
2402.000000	79.80	2.0	54.0	-25.8	106.0	12.00	VERTICAL
3750.000000	40.50	7.0	54.0	13.5	100.0	0.00	VERTICAL
5925.500000	44.10	12.7	54.0	9.9	200.0	354.00	HORIZONTAL
12921.000000	43.20	31.6	54.0	10.8	100.0	156.00	HORIZONTAL
15430.000000	47.80	38.0	54.0	6.2	357.0	305.00	VERTICAL

Channel 40 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height deg	Azimuth	Polarization
49.690000	33.20	-13.1	6.8	40	100.0	90.00	VERTICAL
53.780000	34.00	-14.9	6	40	204.0	225.00	HORIZONTAL
110.320000	29.30	-10.0	14.2	43.5	405.0	342.00	HORIZONTAL
220.120000	25.70	-11.5	20.3	46	121.0	110.00	HORIZONTAL
545.610000	21.20	-1.8	24.8	46	210.0	5.00	VERTICAL
912.320000	28.50	1.5	17.5	46	155.0	56.00	VERTICAL

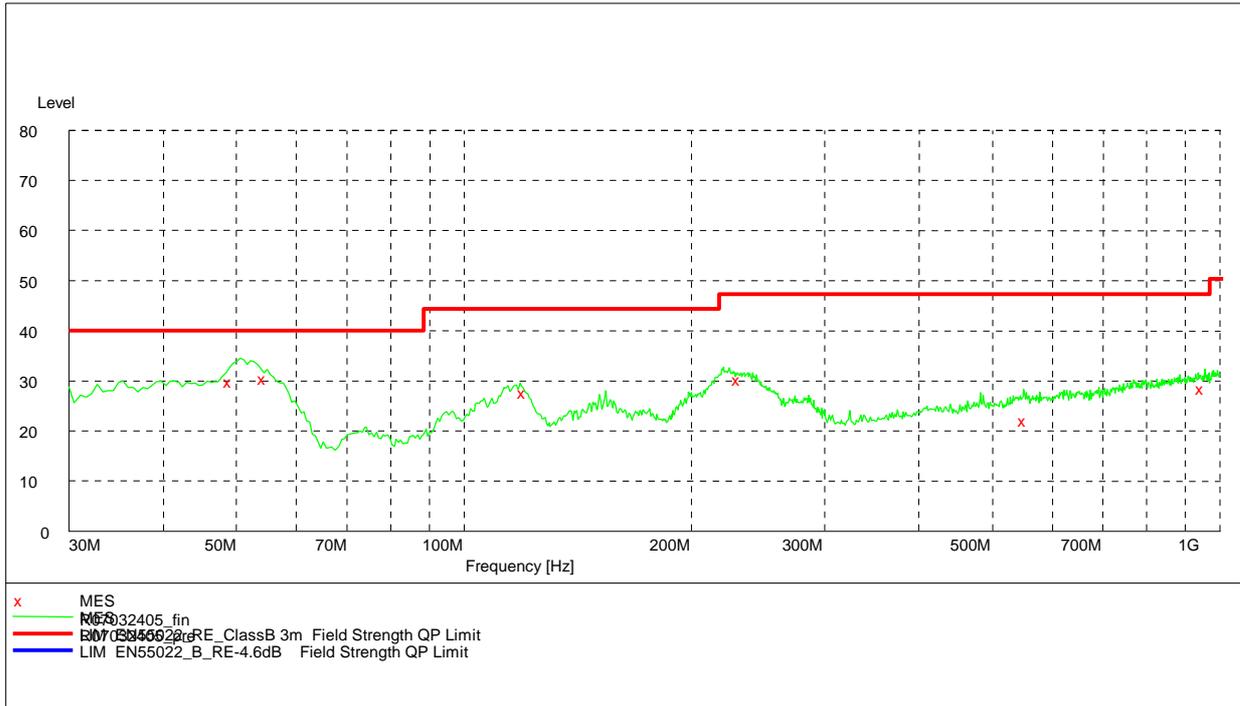
1GHz to 26GHz



Note: The peak exceeds the limit line is carrier frequency.

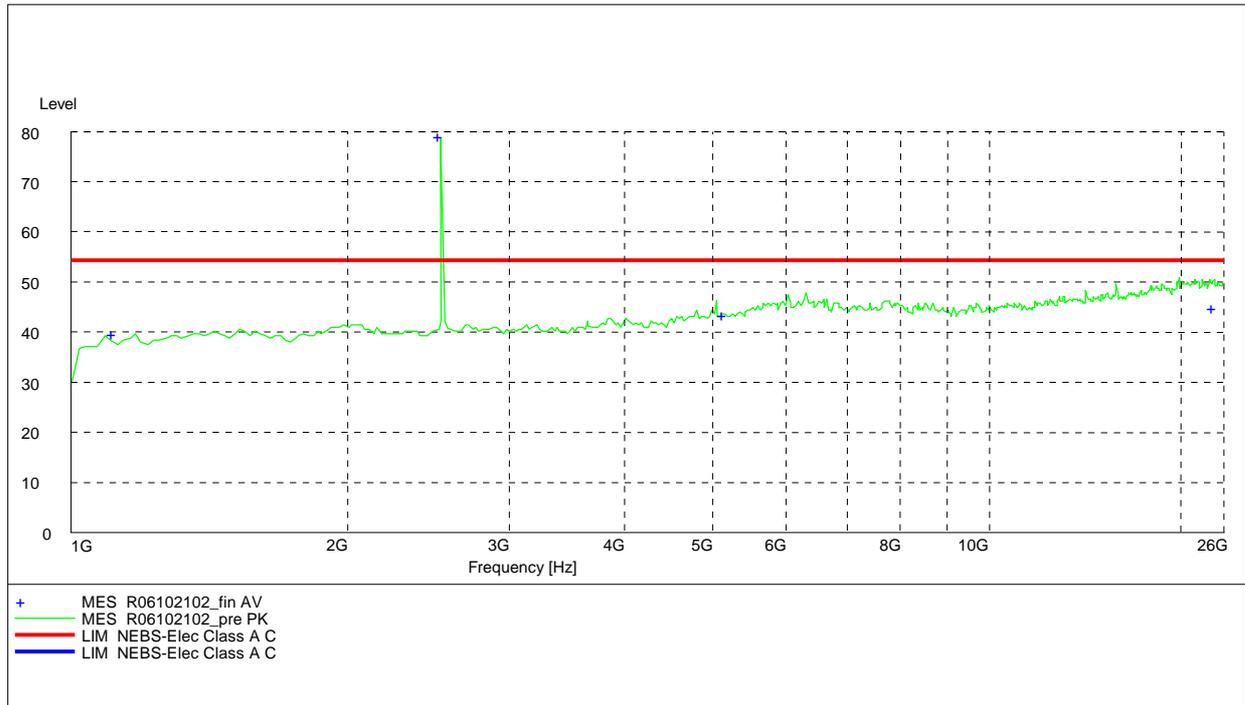
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height deg	Azimuth	Polarization
1100.000000	39.80	-6.5	54.0	14.2	224.0	345.00	HORIZONTAL
2442.000000	77.90	2.1	54.0	-23.9	106.0	286.00	VERTICAL
3750.000000	42.00	7.0	54.0	12.0	100.0	4.00	VERTICAL
5925.500000	49.90	12.7	54.0	4.1	112.0	26.00	VERTICAL
12924.500000	43.10	31.6	54.0	10.9	350.0	286.00	HORIZONTAL
25998.000000	50.90	52.1	54.0	3.1	400.0	115.00	VERTICAL

Channel 78 30MHz to 1GHz



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height deg	Azimuth	Polarization
48.230000	30.50	-12.9	9.5	40	103.0	88.00	VERTICAL
54.280000	31.10	-15.1	8.9	40	185.0	245.00	HORIZONTAL
108.150000	28.60	-9.6	14.9	43.5	407.0	302.00	HORIZONTAL
232.420000	30.70	-8.5	15.3	46	133.0	101.00	HORIZONTAL
548.610000	22.60	-1.8	23.4	46	211.0	9.00	VERTICAL
926.780000	28.10	1.4	17.9	46	113.0	53.00	VERTICAL

1GHz to 26GHz



Note: The peak exceeds the limit line is carrier frequency.

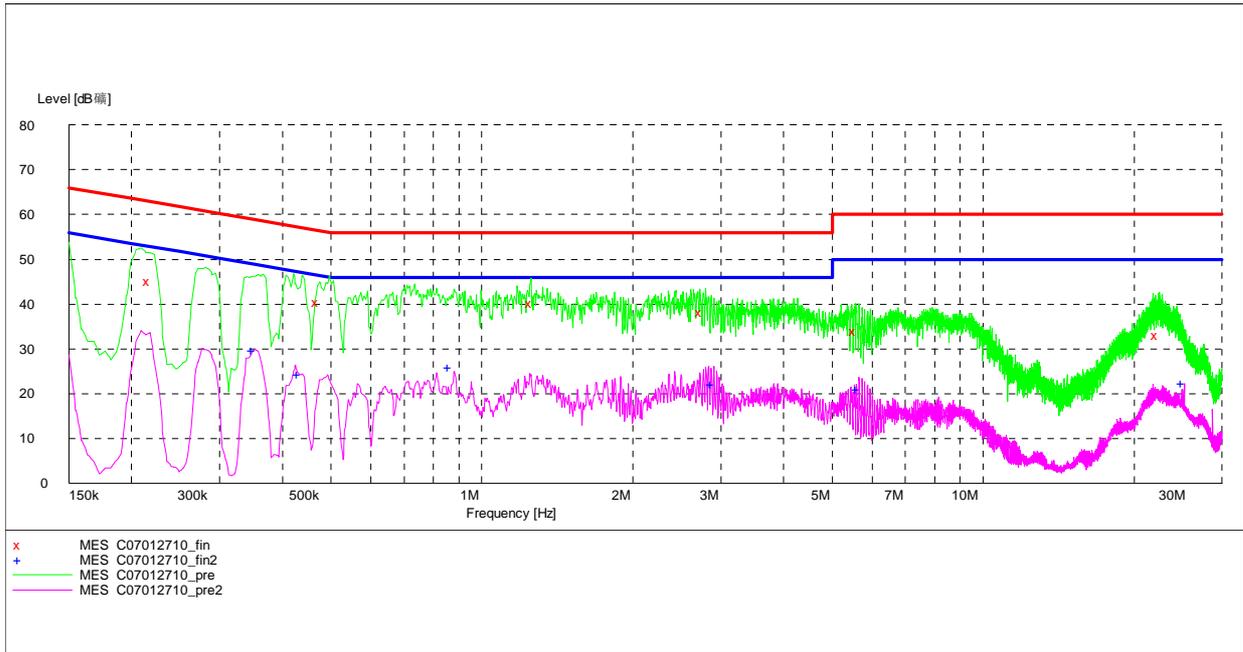
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margi n dB	Height deg	Azimuth h	Polarization
1100.000000	40.50	-6.5	54.0	13.5	172.0	260.00	VERTICAL
2480.000000	79.50	2.3	54.0	-25.5	86.0	256.00	VERTICAL
5087.500000	43.60	12.1	54.0	10.4	172.0	266.00	VERTICAL
22248.500000	45.00	48.8	54.0	9.0	100.0	203.00	VERTICAL

Appendix I

Conducted Emission at Power Port

According to FCC Part 15.207

Channel 40



MEASUREMENT RESULT: "C07012710_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.217500	44.90	10.4	63	18.0	QP	N	FLO
0.474000	40.40	10.0	56	16.0	QP	N	FLO
1.261500	40.30	9.9	56	15.7	QP	N	FLO
2.760000	38.30	10.1	56	17.7	QP	N	FLO
5.590500	33.90	10.2	60	26.1	QP	N	FLO
22.366500	33.20	15.0	60	26.8	QP	L3	FLO

MEASUREMENT RESULT: "C07012710_fin2"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.352500	29.70	10.2	49	19.2	AV	N	FLO
0.433500	24.50	10.0	47	22.7	AV	N	FLO
0.865500	26.10	9.9	46	19.9	AV	N	FLO
2.899500	22.10	10.0	46	23.9	AV	N	FLO
5.653500	21.00	10.2	50	29.0	AV	N	FLO
25.201500	22.40	14.7	50	27.6	AV	L3	FLO

Appendix J

Photos of Test Setup

1 Radiated Spurious Emissions



Radiated Spurious Emission (below 2GHz)



Radiated Spurious Emission (2GHz to18GHz)



Radiated Spurious Emission (above 18GHz)

2 Conducted Emissions



Conducted Emissions for AC Ports