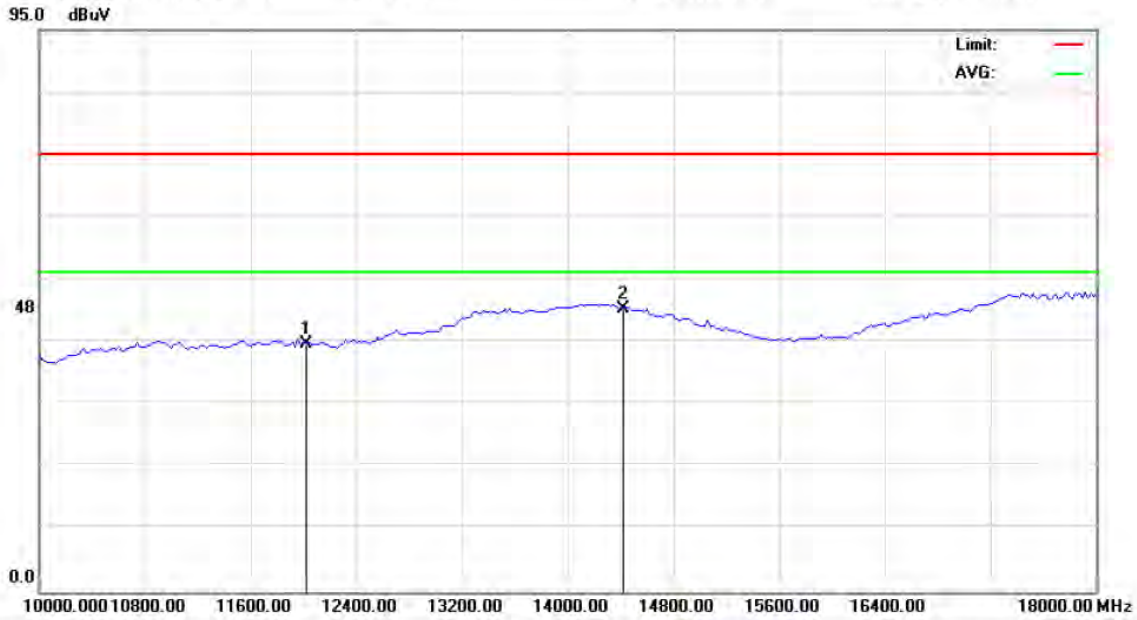
Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO Data :#37 Date: 2006-12-12 Time: 上午 11:13:29



Site opensite #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2402
Note: Average mode(RBW:1MHz , VBW:10Hz)

Polarization: *Horizontal*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		12010.00	19.52	22.37	41.89	54.00	-12.11	AVG	
2	*	14412.00	20.30	27.50	47.80	54.00	-6.20	AVG	

*:Maximum data x:Over limit !:over margin •Reference Only

File :skype(12-09-2006)rf(REPO\Data :#37 *Page: 1* Engineer Signature:

3.6.3 Open Field Radiated Emissions (Subpart B&C)

The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following

Applicant : AIRUS TECHNOLOGY CO., LTD
Model No : VAH200
EUT : BLUETOOTH SKYPE PHONE
Test Mode : CH39 2441.000 (Local Frequency:2441.000 MHz)
Test Date : 12/12/2006
Please refer to next pager of detail testing data.
Notes:

1. Margin= Amplitude - Limits
2. Distance of Measurement: 3 Meter (30-1000MHz) & (1-10GHz) ,1 Meter (10-26.5GHz)
3. Height of table for EUT placed: 0.8 Meter.
4. ANT= Antenna height.
5. Amplitude= Reading Amplitude – Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
6. The EUT was worst case on X axis after pretest on X & Y & Z axis setting .
7. The testing data only show below 18GHz's data because measure data above 18GHz was only ambit noise.
8. All frequencies from 30MHz to 26.5GHz have been tested

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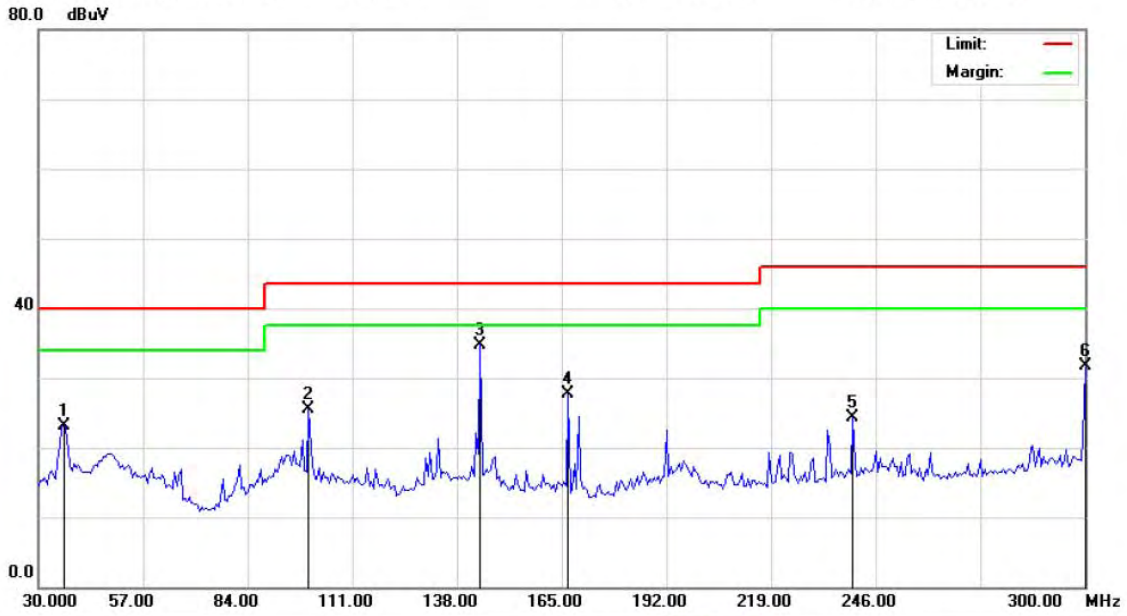
Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#5 Date: 2006/12/12 Time: 下午 07:44:34



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃
Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
EUT: skype phone Distance: 3m
M/N:
Mode: 動態單頻2441
Note: # 2

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		36.4799	35.88	-12.81	23.07	40.00	-16.93	peak	
2		99.6599	37.24	-11.78	25.46	43.50	-18.04	peak	
3	*	143.9399	50.91	-16.22	34.69	43.50	-8.81	peak	
4		166.6200	42.98	-15.34	27.64	43.50	-15.86	peak	
5		240.0600	35.65	-11.43	24.22	46.00	-21.78	peak	
6		300.0000	41.59	-9.98	31.61	46.00	-14.39	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :SKYPE phone(12-11-2006)E\Data :#5 *Page: 1* Engineer Signature:

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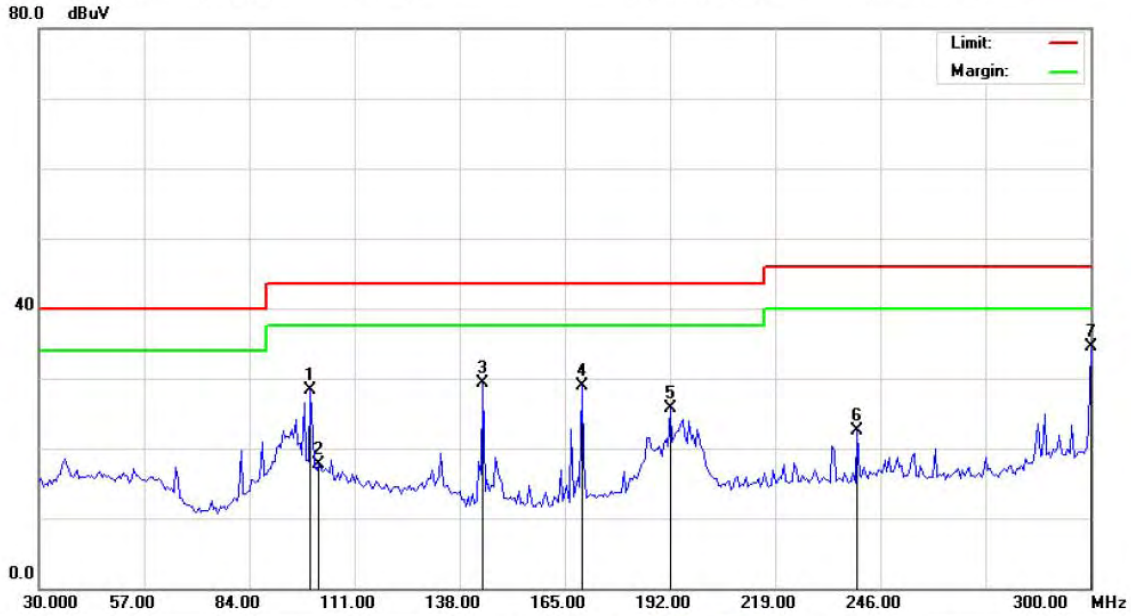
Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#7 Date: 2006/12/12 Time: 下午 07:58:13



Site 966半電波暗室 Polarization: *Horizontal* Temperature: 22 ℃
Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
EUT: skype phone Distance: 3m
M/N:
Mode: 動態單頻2441
Note: # 2 ;

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		99.6600	40.07	-11.78	28.29	43.50	-15.21	peak	
2		101.8200	29.67	-11.88	17.79	43.50	-25.71	peak	
3		143.9400	45.43	-16.22	29.21	43.50	-14.29	peak	
4		169.3200	44.38	-15.40	28.98	43.50	-14.52	peak	
5		192.0000	38.94	-13.26	25.68	43.50	-17.82	peak	
6		240.0600	33.91	-11.43	22.48	46.00	-23.52	peak	
7	*	300.0000	44.52	-9.98	34.54	46.00	-11.46	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :SKYPE phone(12-11-2006)E\Data :#7 *Page: 1* Engineer Signature:

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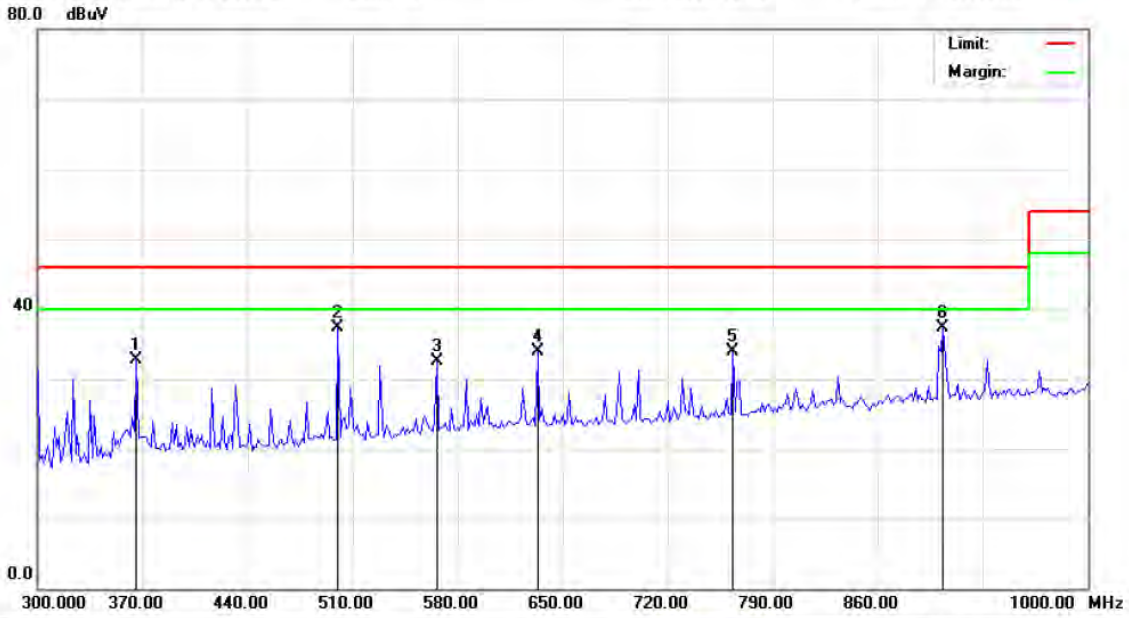
Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#6 Date: 2006/12/12 Time: 下午 07:48:50



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃
Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
EUT: skype phone Distance: 3m
M/N:
Mode: 動態單頻2441
Note: # 2

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		365.8000	41.24	-8.63	32.61	46.00	-13.39	peak	
2		500.2000	44.41	-7.16	37.25	46.00	-8.75	peak	
3		566.0000	38.22	-5.63	32.59	46.00	-13.41	peak	
4		633.2000	38.28	-4.36	33.92	46.00	-12.08	peak	
5		763.4000	36.76	-2.87	33.89	46.00	-12.11	peak	
6	*	903.4000	37.65	-0.29	37.36	46.00	-8.64	peak	

*:Maximum data x:Over limit !:over margin •Reference Only

File :SKYPE phone(12-11-2006)E\Data :#6 *Page: 1* Engineer Signature:

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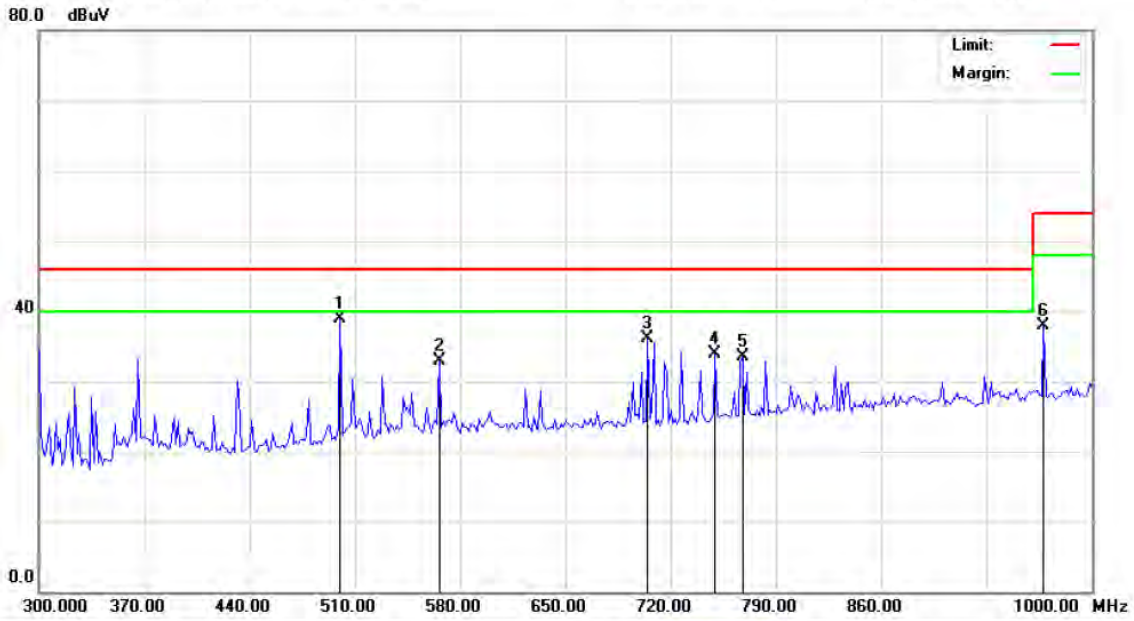
Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#8 Date: 2006/12/12 Time: 下午 08:03:18



Site 966半電波暗室 Polarization: *Horizontal* Temperature: 22 ℃
Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
EUT: skype phone Distance: 3m
M/N:
Mode: 動態單頻2441
Note: # 2 ;

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	500.2000	46.08	-7.16	38.92	46.00	-7.08	peak	
2		566.0000	38.59	-5.63	32.96	46.00	-13.04	peak	
3		704.6000	40.12	-4.00	36.12	46.00	-9.88	peak	
4		749.4000	36.93	-3.11	33.82	46.00	-12.18	peak	
5		767.6000	36.29	-2.72	33.57	46.00	-12.43	peak	
6		967.8000	37.23	0.71	37.94	54.00	-16.06	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :SKYPE phone(12-11-2006)E\Data :#8 *Page: 1* Engineer Signature:

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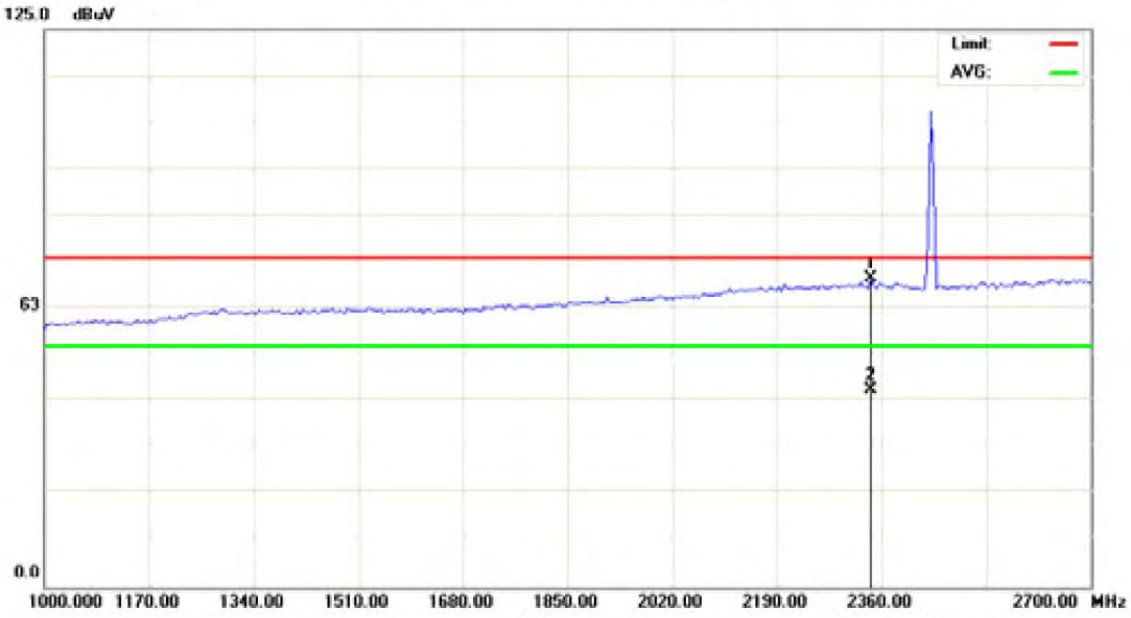
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan,

Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#36 Date: 2006-12-12 Time: 上午 09:38:47



Site site #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2441
Note: # 2

Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

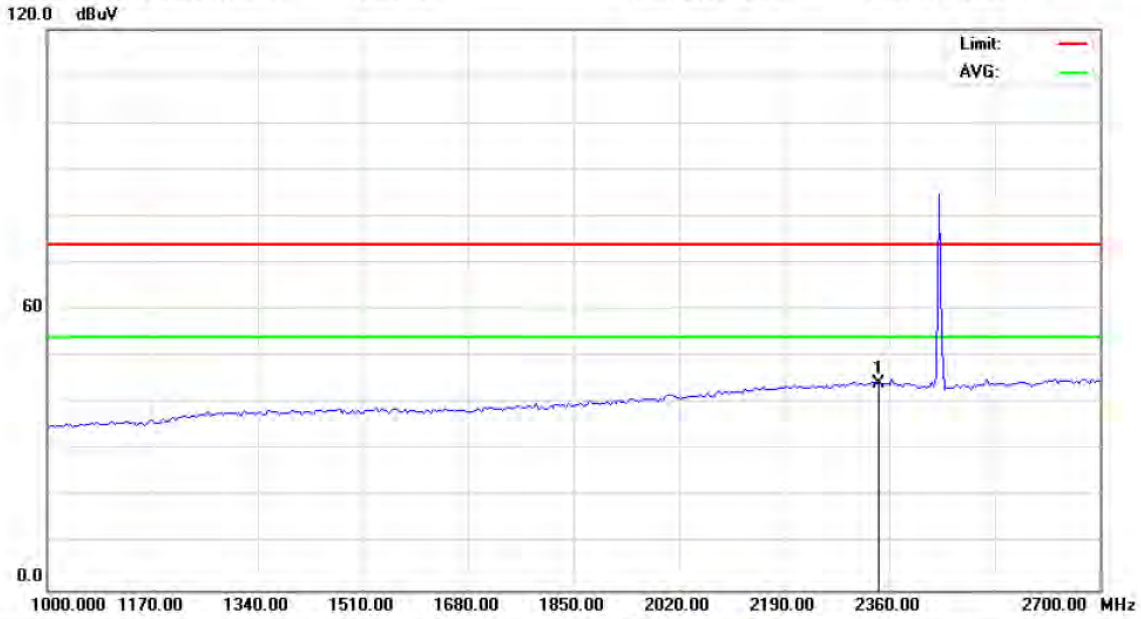
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2343.000	68.95	0.22	69.17	74.00	-4.83	peak	
2		2343.000	43.93	0.22	44.15	54.00	-9.85	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf\Data :#36 *Page: 1* Engineer Signature:

Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO Data :#26 Date: 2006-12-12 Time: 上午 09:39:41



Site opensite #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2441
Note: Average mode(RBW:1MHz , VBW:10Hz)

Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2343.000	43.93	0.22	44.15	54.00	-9.85	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf(REPO\Data :#26 *Page: 1* Engineer Signature:

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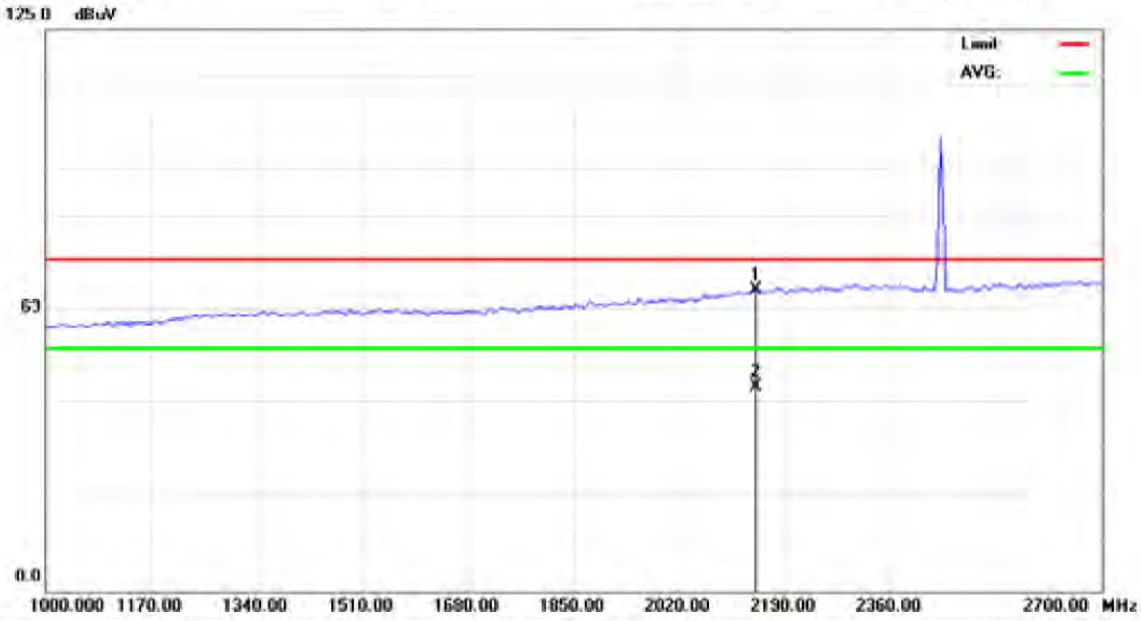
Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#34 Date: 2006-12-12 Time: 上午 09:33:06



Site site #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2441
Note: # 2

Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

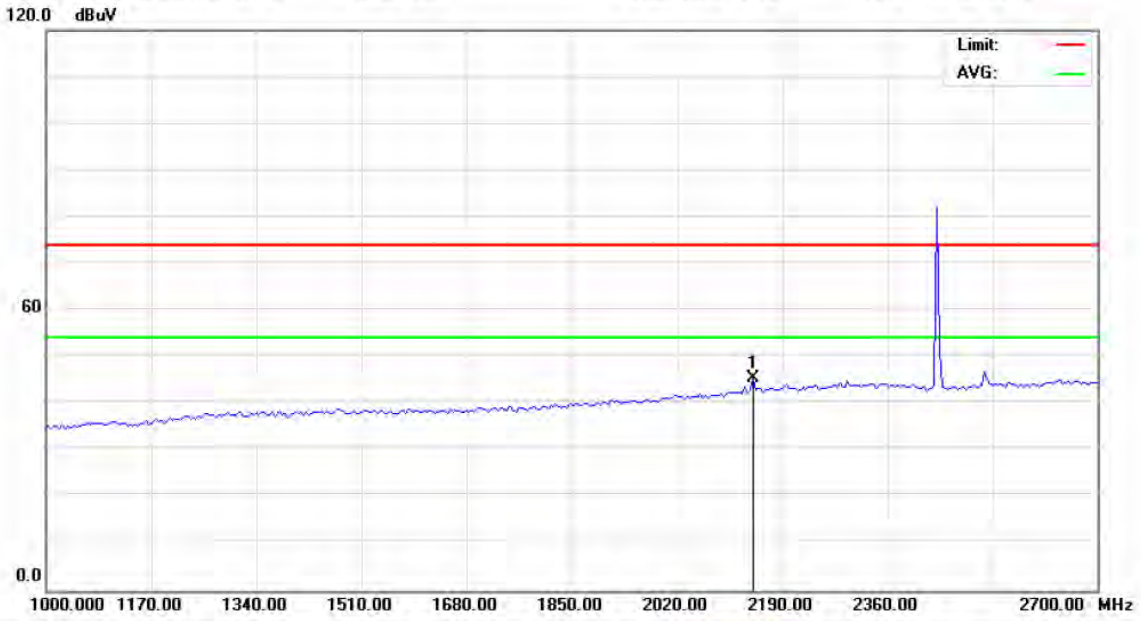
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2143.250	67.00	-0.03	66.97	74.00	-7.03	peak	
2		2143.250	45.51	-0.03	45.48	54.00	-8.52	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf\Data :#34 *Page: 1* Engineer Signature:

Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO Data :#25 Date: 2006-12-12 Time: 上午 09:34:01



Site opensite #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2441
Note: Average mode(RBW:1MHz , VBW:10Hz)

Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2143.250	45.51	-0.03	45.48	54.00	-8.52	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf(REPO\Data :#25 *Page: 1* Engineer Signature:

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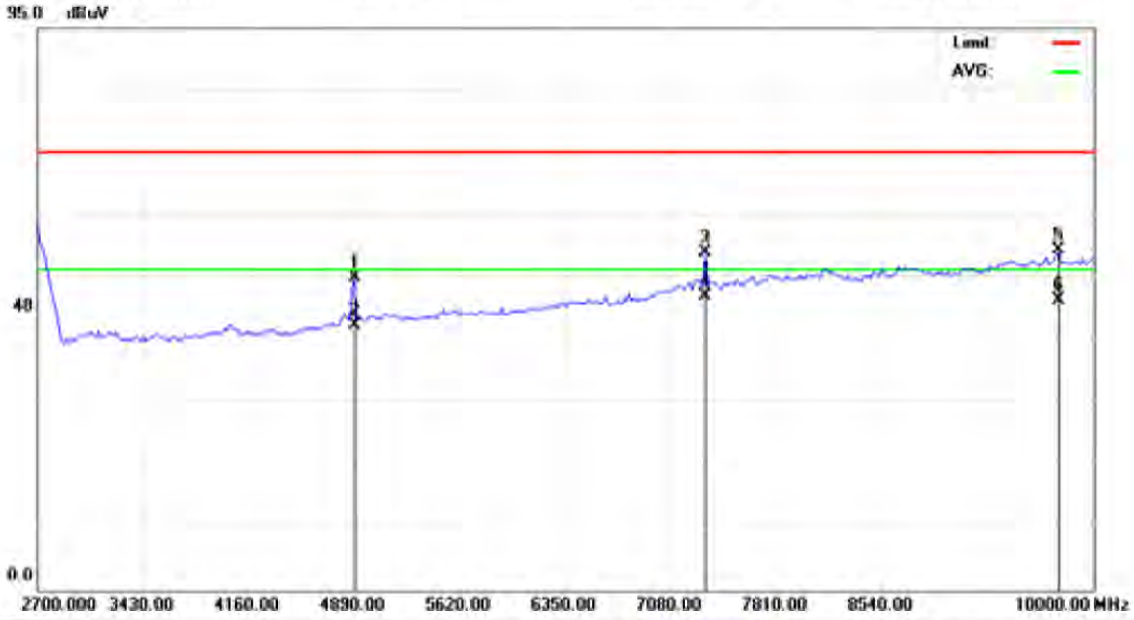
Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#44 Date: 2006-12-12 Time: 上午 10:20:59



Site site #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2441
Note: # 2

Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

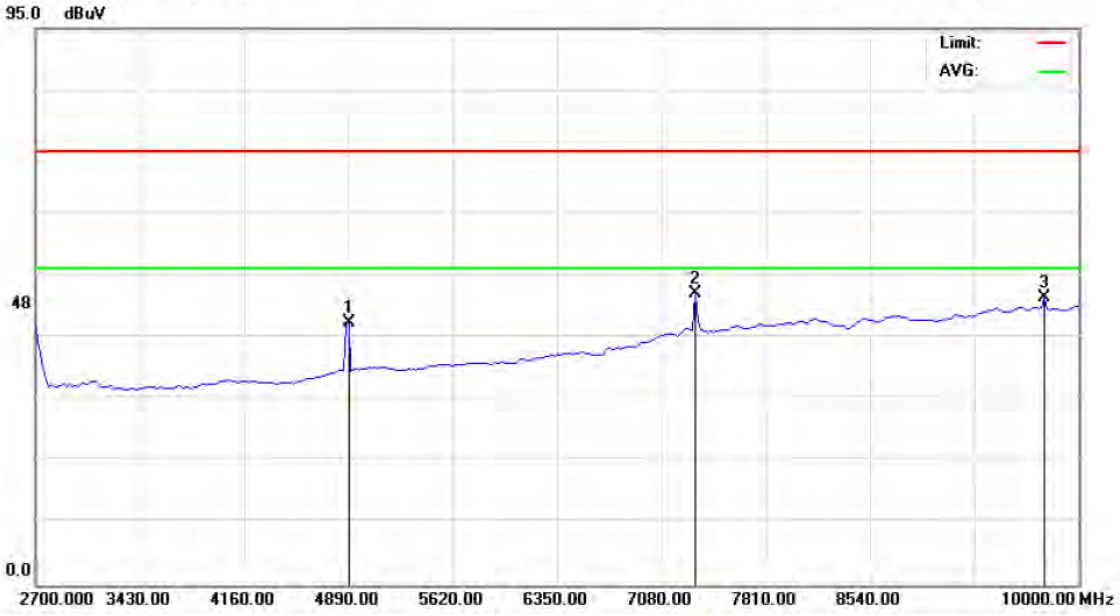
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		4890.000	45.23	7.73	52.96	74.00	-21.04	peak	
2		4890.000	36.97	7.73	44.70	54.00	-9.30	AVG	
3		7317.250	43.71	13.45	57.16	74.00	-16.84	peak	
4	*	7317.250	36.26	13.45	49.71	54.00	-4.29	AVG	
5		9762.750	39.80	17.70	57.50	74.00	-16.50	peak	
6		9762.750	31.26	17.70	48.96	54.00	-5.04	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf\Data :#44 *Page: 1* Engineer Signature:

Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO Data :#30 Date: 2006-12-12 Time: 上午 10:21:53



Site opensite #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2441
Note: Average mode(RBW:1MHz , VBW:10Hz)

Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		4890.000	36.97	7.73	44.70	54.00	-9.30	AVG	
2	*	7317.250	36.26	13.45	49.71	54.00	-4.29	AVG	
3		9762.750	31.26	17.70	48.96	54.00	-5.04	AVG	

*:Maximum data x:Over limit !:over margin •Reference Only

File :skype(12-09-2006)rf(REPO\Data :#30 *Page: 1* Engineer Signature:

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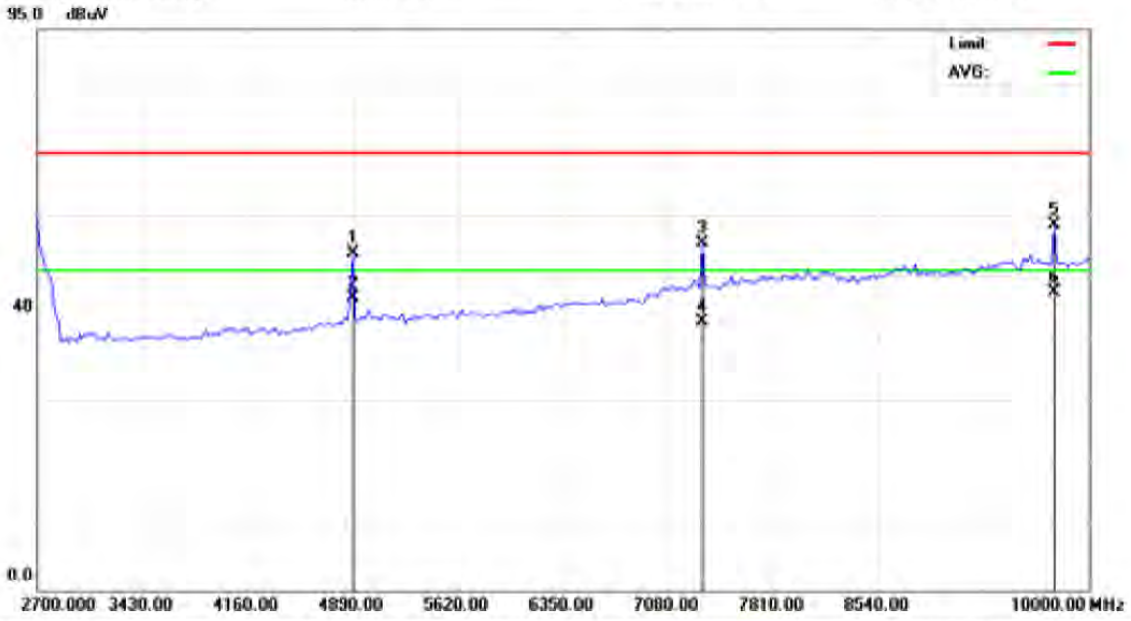
Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#42 Date: 2006-12-12 Time: 上午 10:14:15



Site site #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2441
Note: # 2

Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

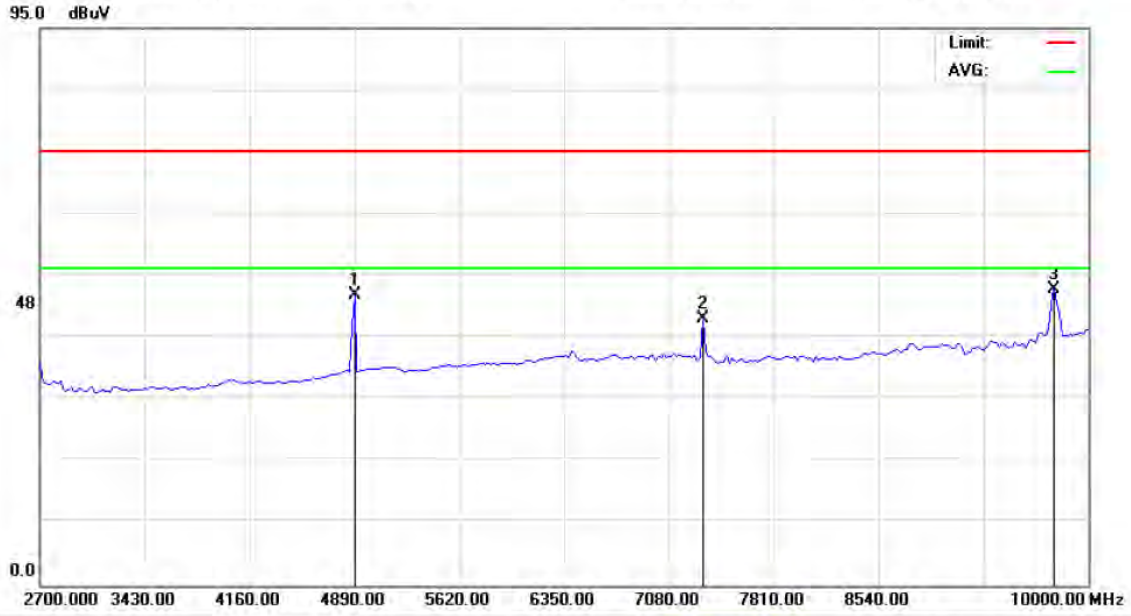
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		4890.000	49.48	7.73	57.21	74.00	-16.79	peak	
2		4890.000	41.70	7.73	49.43	54.00	-4.57	AVG	
3		7317.250	45.28	13.45	58.73	74.00	-15.27	peak	
4		7317.250	32.05	13.45	45.50	54.00	-8.50	AVG	
5		9762.750	44.17	17.70	61.87	74.00	-12.13	peak	
6	*	9762.750	32.84	17.70	50.54	54.00	-3.46	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf\Data :#42 *Page: 1* Engineer Signature:

Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO Data :#29 Date: 2006-12-12 Time: 上午 10:15:09



Site opensite #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2441
Note: Average mode(RBW:1MHz , VBW:10Hz)

Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		4890.000	41.70	7.73	49.43	54.00	-4.57	AVG	
2		7317.250	32.05	13.45	45.50	54.00	-8.50	AVG	
3	*	9762.750	32.84	17.70	50.54	54.00	-3.46	AVG	

*:Maximum data x:Over limit !:over margin •Reference Only

File :skype(12-09-2006)rf(REPO\Data :#29 *Page: 1* Engineer Signature:

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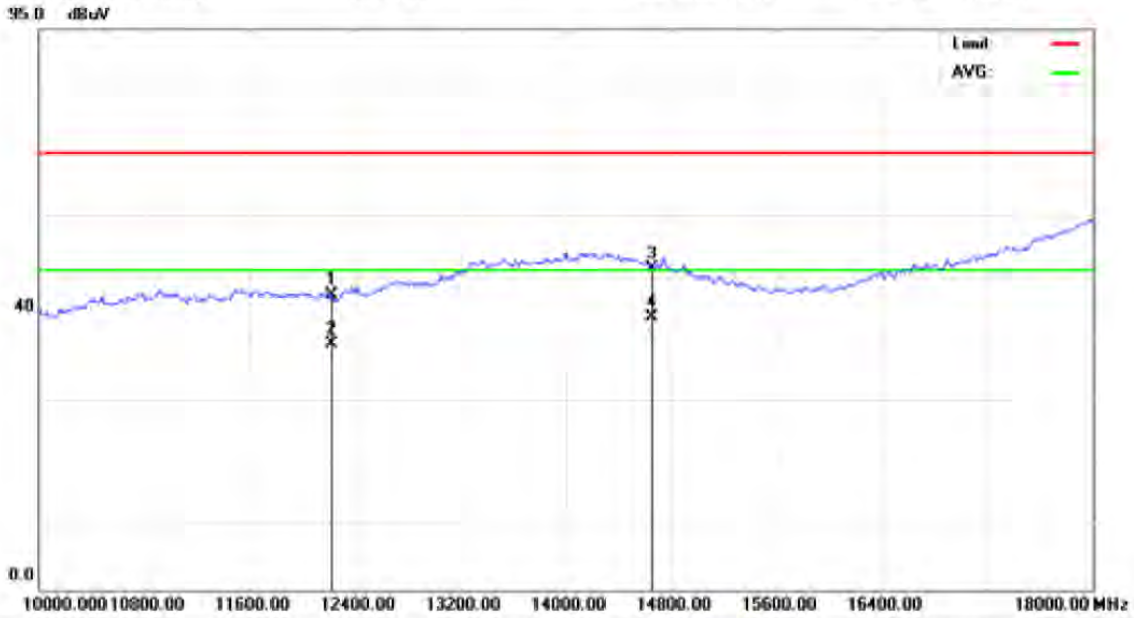
Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#54 Date: 2006-12-12 Time: 上午 11:02:09



Site site #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2441
Note: # 2

Polarization: *Vertical*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

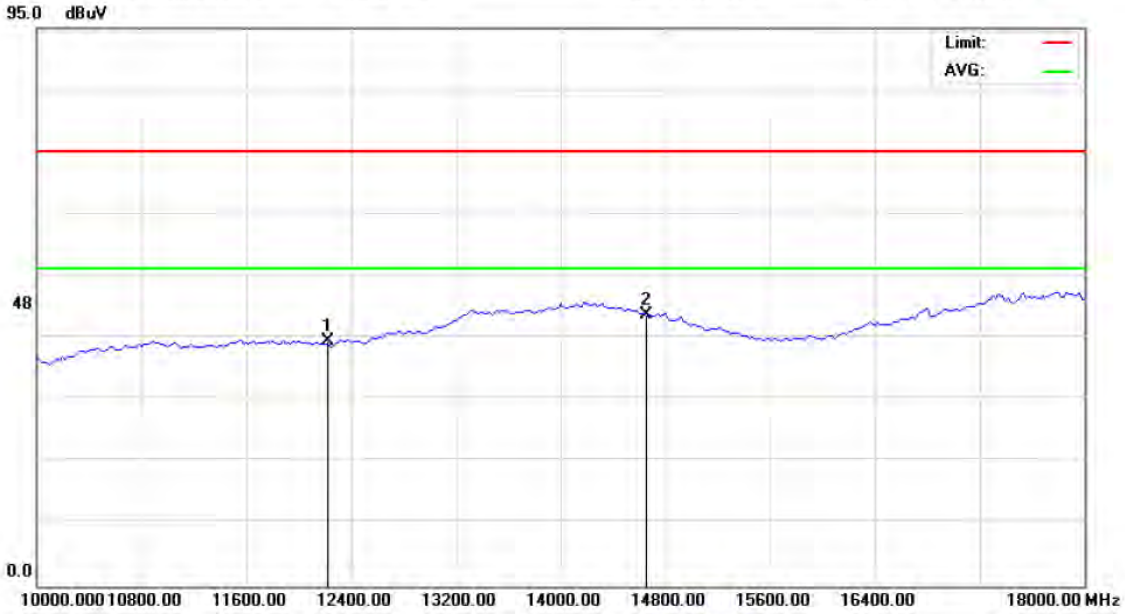
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		12205.00	37.48	12.62	50.10	74.00	-23.90	peak	
2		12205.00	29.01	12.62	41.63	54.00	-12.37	AVG	
3		14646.00	37.38	17.05	54.43	74.00	-19.57	peak	
4	*	14646.00	29.20	17.05	46.25	54.00	-7.75	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf\Data :#54 *Page: 1* Engineer Signature:

Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO Data :#35 Date: 2006-12-12 Time: 上午 11:03:02



Site opensite #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2441
Note: Average mode(RBW:1MHz , VBW:10Hz)

Polarization: *Vertical*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		12205.00	19.47	22.16	41.63	54.00	-12.37	AVG	
2	*	14646.00	19.66	26.59	46.25	54.00	-7.75	AVG	

*:Maximum data x:Over limit !:over margin •Reference Only

File :skype(12-09-2006)rf(REPO\Data :#35 *Page: 1* Engineer Signature:

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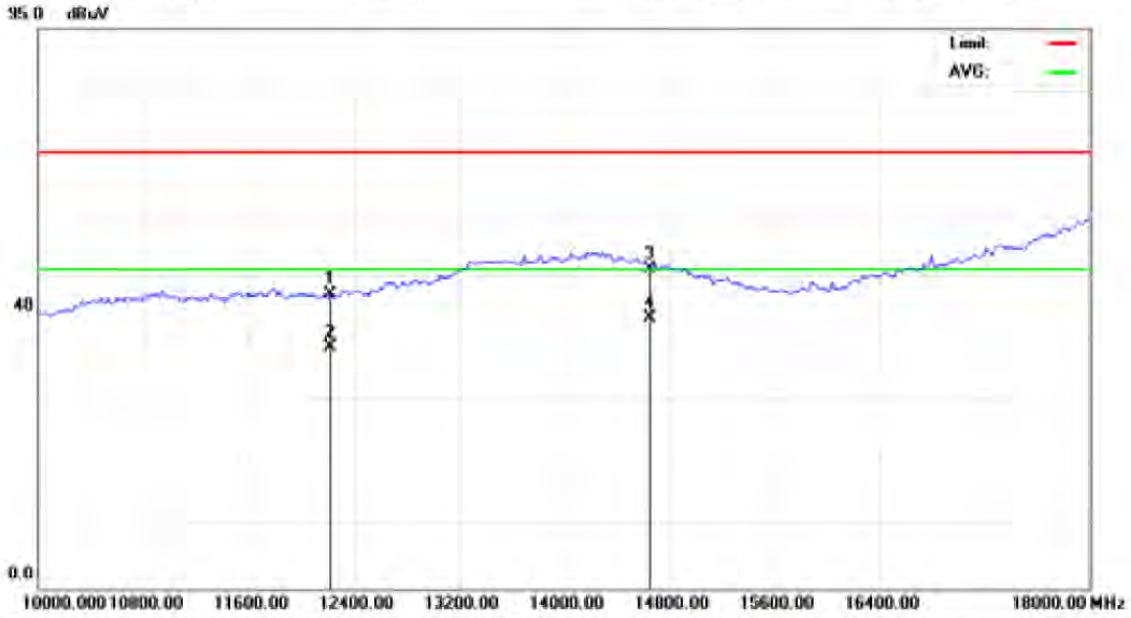
Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#56 Date: 2006-12-12 Time: 上午 11:07:51



Site site #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2441
Note: # 2

Polarization: ***Horizontal***
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

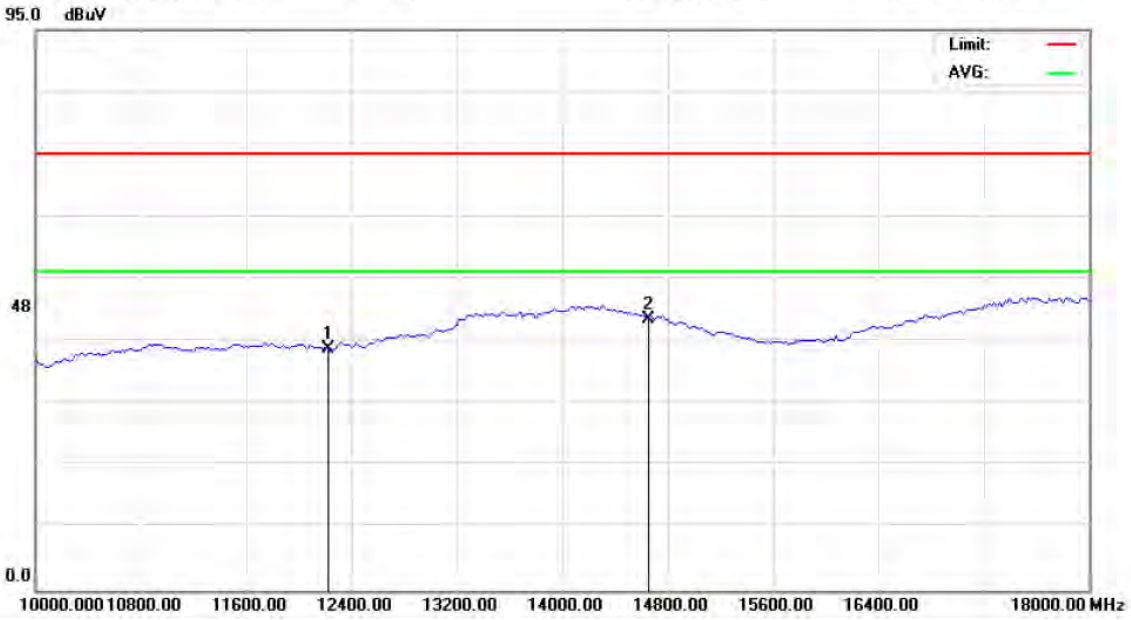
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		12205.00	37.37	12.62	49.99	74.00	-24.01	peak	
2		12205.00	28.37	12.62	40.99	54.00	-13.01	AVG	
3		14646.00	37.21	17.05	54.26	74.00	-19.74	peak	
4	*	14646.00	28.99	17.05	46.04	54.00	-7.96	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf\Data :#56 *Page: 1* Engineer Signature:

Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO Data :#36 Date: 2006-12-12 Time: 上午 11:08:45



Site opensite #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2441
Note: Average mode(RBW:1MHz , VBW:10Hz)

Polarization: *Horizontal*
Power:
Distance: 1m

Temperature: 22 °C
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		12205.00	18.83	22.16	40.99	54.00	-13.01	AVG	
2	*	14646.00	19.45	26.59	46.04	54.00	-7.96	AVG	

*:Maximum data x:Over limit !:over margin •Reference Only

File :skype(12-09-2006)rf(REPO\Data :#36 *Page: 1* Engineer Signature:

3.6.4 Open Field Radiated Emissions (Subpart B&C)

The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following.

Applicant : AIRUS TECHNOLOGY CO., LTD
Model No : VAH200
EUT : BLUETOOTH SKYPE PHONE
Test Mode : CH78 2480.000 (Local Frequency: 2480.000 MHz)
Test Date : 12/12/2006
Please refer to next pager of detail testing data.
Notes:

1. Margin= Amplitude - Limits
2. Distance of Measurement: 3 Meter (30-1000MHz) & (1-10GHz) ,1 Meter (10-26.5GHz)
3. Height of table for EUT placed: 0.8 Meter.
4. ANT= Antenna height.
5. Amplitude= Reading Amplitude – Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
6. The EUT was worst case on X axis after pretest on X & Y & Z axis setting .
7. The testing data only show below 18GHz's data because measure data above 18GHz was only ambit noise.
8. All frequencies from 30MHz to 26.5GHz have been tested

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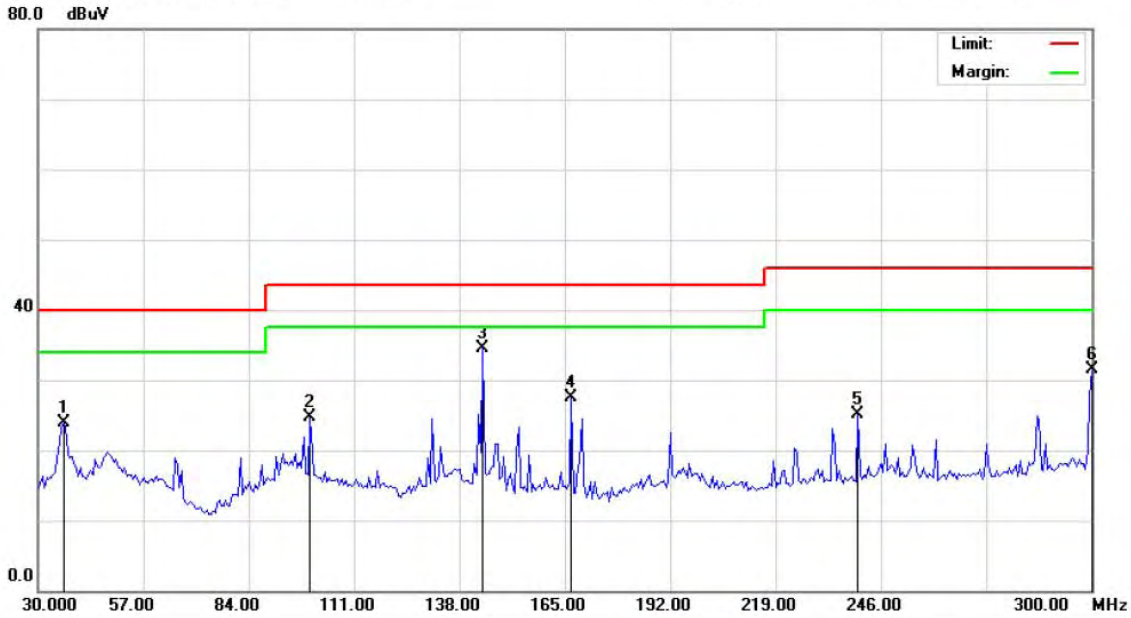
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan,

Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#9 Date: 2006/12/12 Time: 下午 08:09:02



Site 966半電波暗室
Limit: FCC Class B 3M Radiation
EUT: skype phone
M/N:
Mode: 動態單頻2480
Note: # 2 ;

Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		36.4799	36.66	-12.81	23.85	40.00	-16.15	peak	
2		99.6600	36.58	-11.78	24.80	43.50	-18.70	peak	
3	*	143.9400	50.74	-16.22	34.52	43.50	-8.98	peak	
4		166.6200	42.91	-15.34	27.57	43.50	-15.93	peak	
5		240.0600	36.48	-11.43	25.05	46.00	-20.95	peak	
6		300.0000	41.50	-9.98	31.52	46.00	-14.48	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :SKYPE phone(12-11-2006)E\Data :#9 *Page: 1* Engineer Signature:

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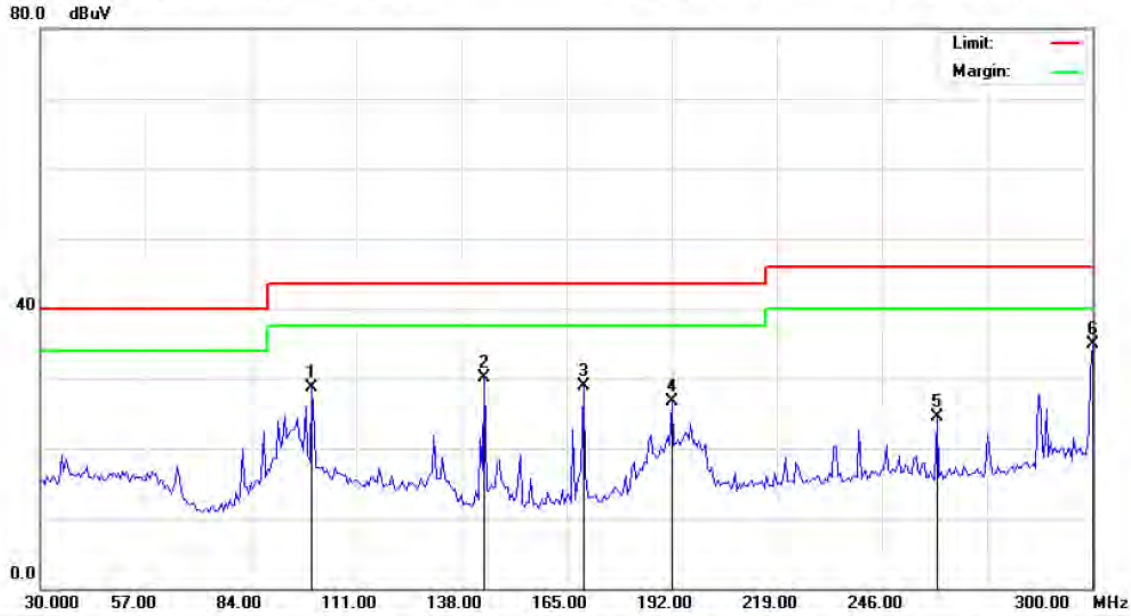
Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#11 Date: 2006/12/12 Time: 下午 08:17:33



Site 966半電波暗室 Polarization: *Horizontal* Temperature: 22 ℃
Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
EUT: skype phone Distance: 3m
M/N:
Mode: 動態單頻2480
Note: # 2 ;

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		99.6600	40.58	-11.78	28.80	43.50	-14.70	peak	
2		143.9400	46.42	-16.22	30.20	43.50	-13.30	peak	
3		169.3200	44.34	-15.40	28.94	43.50	-14.56	peak	
4		192.0000	39.89	-13.26	26.63	43.50	-16.87	peak	
5		260.0400	35.69	-11.24	24.45	46.00	-21.55	peak	
6	*	300.0000	44.98	-9.98	35.00	46.00	-11.00	peak	

*:Maximum data x:Over limit !:over margin •Reference Only

File :SKYPE phone(12-11-2006)E\Data :#11 *Page: 1* Engineer Signature:

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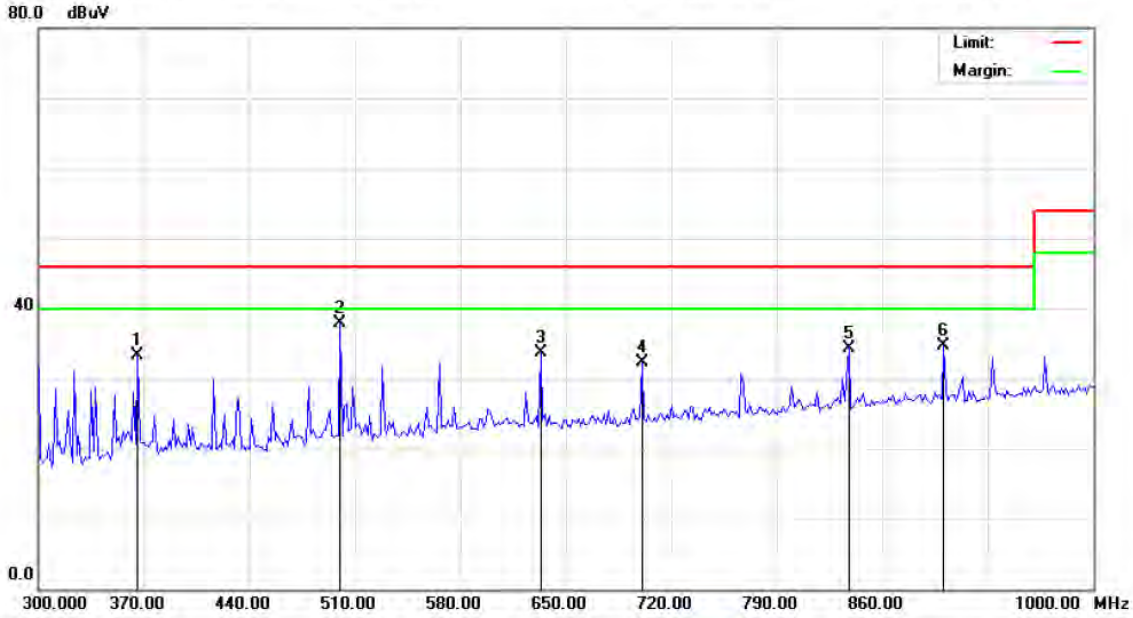
Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#10 Date: 2006/12/12 Time: 下午 08:13:17



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃
Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
EUT: skype phone Distance: 3m
M/N:
Mode: 動態單頻2480
Note: # 2 ;

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		365.8000	41.92	-8.63	33.29	46.00	-12.71	peak	
2	*	500.2000	45.09	-7.16	37.93	46.00	-8.07	peak	
3		633.2000	38.02	-4.36	33.66	46.00	-12.34	peak	
4		700.4000	36.13	-3.87	32.26	46.00	-13.74	peak	
5		837.6000	35.80	-1.40	34.40	46.00	-11.60	peak	
6		900.6000	35.08	-0.36	34.72	46.00	-11.28	peak	

*:Maximum data x:Over limit !:over margin •Reference Only

File :SKYPE phone(12-11-2006)E\Data :#10 *Page: 1* Engineer Signature:

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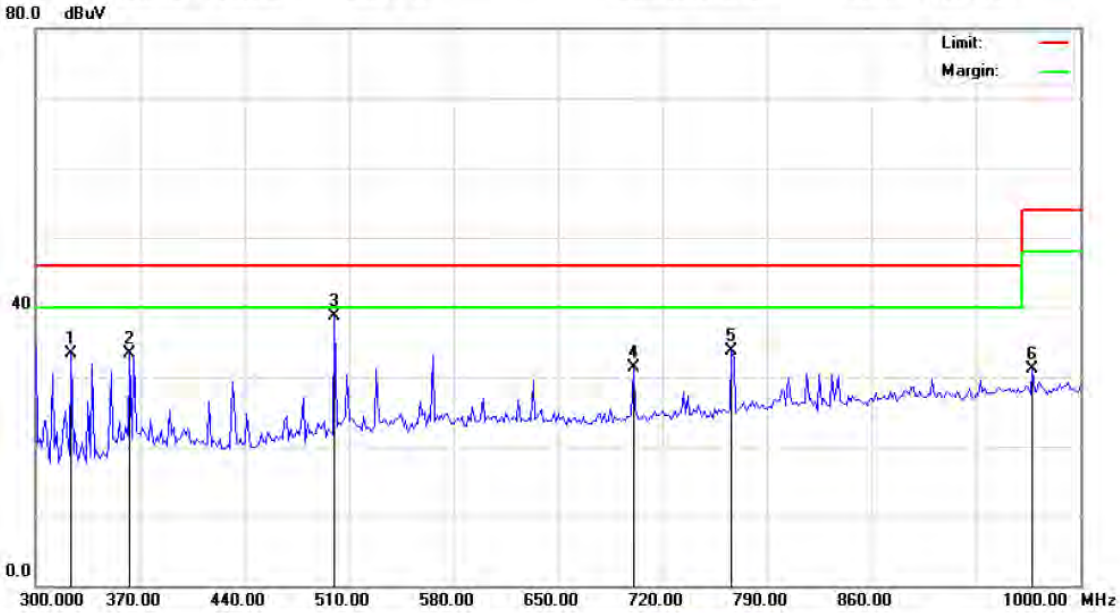
Radiated Emission Measurement

File :SKYPE phone(12-11-2006)E Data :#12 Date: 2006/12/12 Time: 下午 08:21:50



Site 966半電波暗室 Polarization: *Horizontal* Temperature: 22 ℃
Limit: FCC Class B 3M Radiation Power: Humidity: 60 %
EUT: skype phone Distance: 3m
M/N:
Mode: 動態單頻2480
Note: # 2 ;

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		323.8000	43.01	-9.65	33.36	46.00	-12.64	peak	
2		363.0000	42.04	-8.76	33.28	46.00	-12.72	peak	
3	*	500.2000	45.85	-7.16	38.69	46.00	-7.31	peak	
4		700.4000	35.13	-3.87	31.26	46.00	-14.74	peak	
5		766.2000	36.56	-2.78	33.78	46.00	-12.22	peak	
6		967.8000	30.33	0.71	31.04	54.00	-22.96	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :SKYPE phone(12-11-2006)E\Data :#12 *Page: 1* Engineer Signature:

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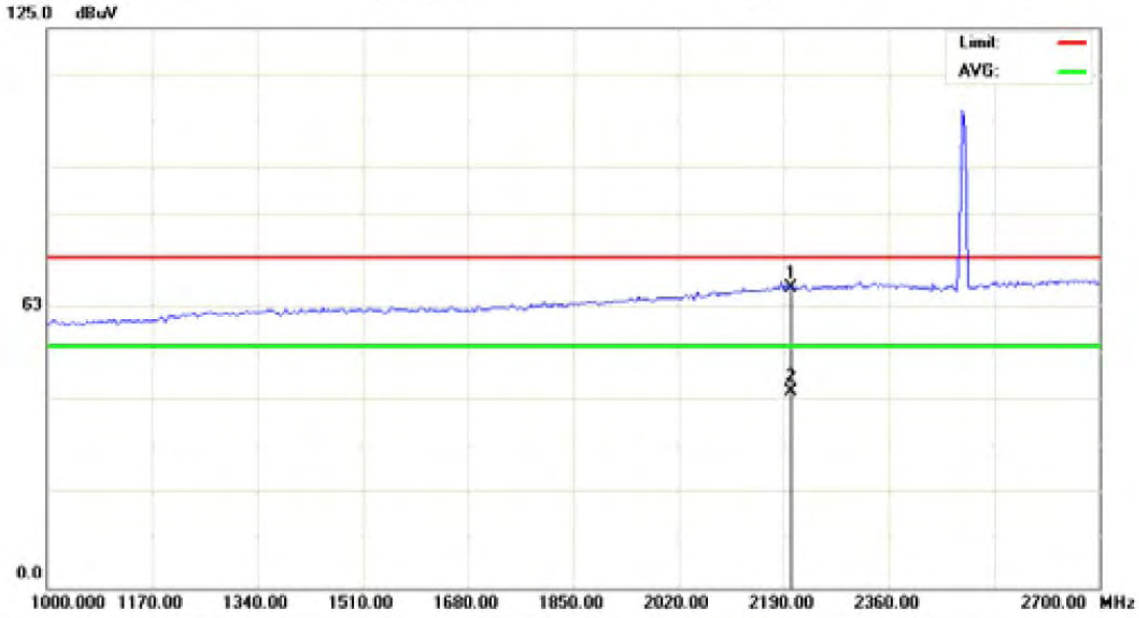
Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#38 Date: 2006-12-12 Time: 上午 10:00:06



Site site #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2480
Note: # 2 ;

Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

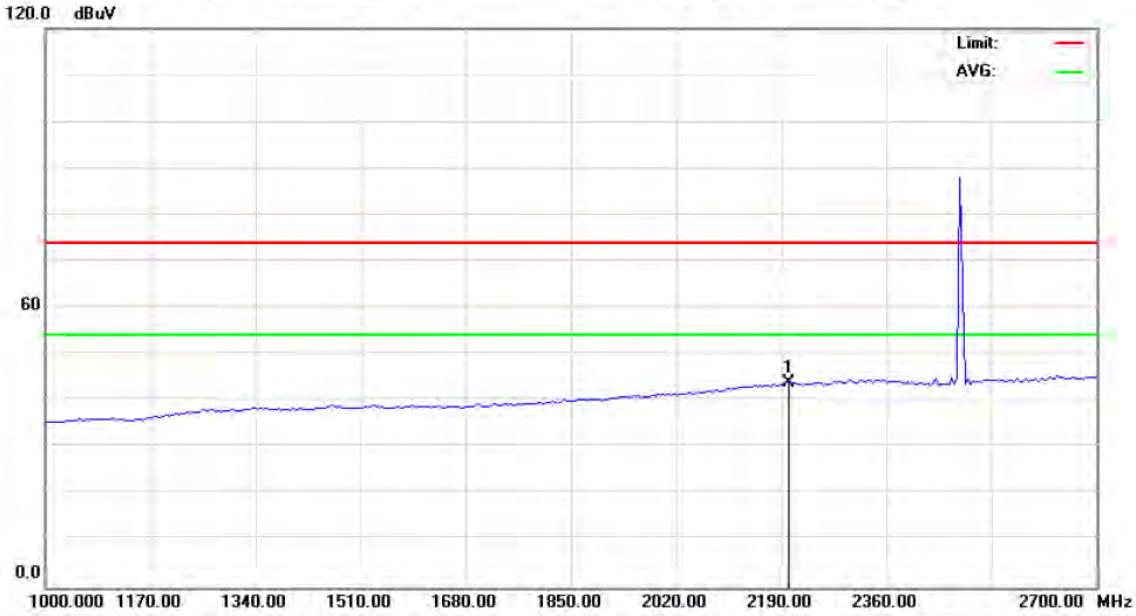
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2202.750	66.62	0.50	67.12	74.00	-6.88	peak	
2		2202.750	43.51	0.50	44.01	54.00	-9.99	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf\Data :#38 *Page: 1* Engineer Signature:

Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO Data :#27 Date: 2006-12-12 Time: 上午 10:01:00



Site opensite #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2480
Note: Average mode(RBW:1MHz , VBW:10Hz)

Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2202.750	43.51	0.50	44.01	54.00	-9.99	AVG	

*:Maximum data x:Over limit !:over margin •Reference Only

File :skype(12-09-2006)rf(REPO\Data :#27 *Page: 1* Engineer Signature:

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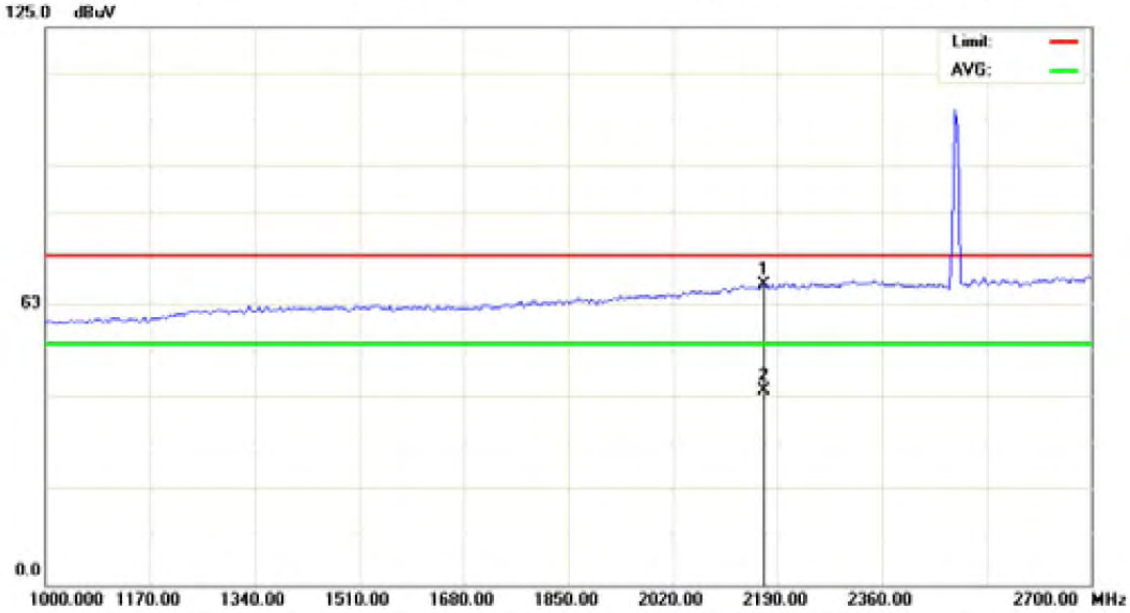
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan,

Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#40 Date: 2006-12-12 Time: 上午 10:05:48



Site site #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2480
Note: #2 ; 1

Polarization: ***Horizontal***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

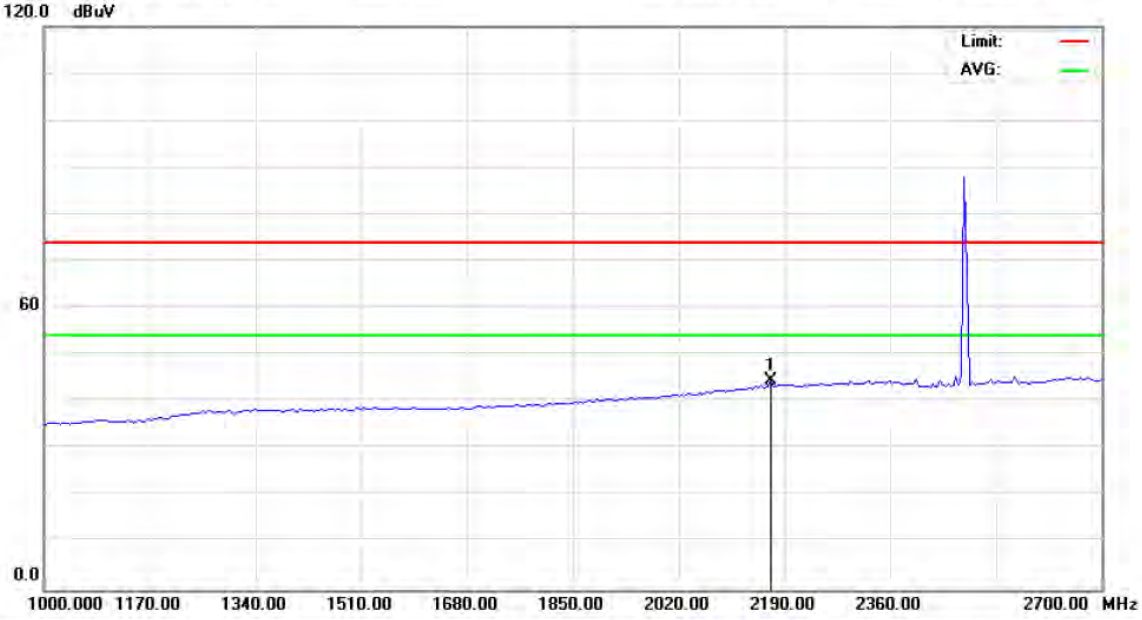
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2168.750	67.14	0.14	67.28	74.00	-6.72	peak	
2		2168.750	43.51	0.14	43.65	54.00	-10.35	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf\Data :#40 *Page: 1* Engineer Signature:

Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO Data :#28 Date: 2006-12-12 Time: 上午 10:06:42



Site opensite #1 Polarization: *Horizontal* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: skype phone Distance: 3m

M/N:

Mode: 動態單頻2480

Note: Average mode(RBW:1MHz , VBW:10Hz)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2168.750	43.51	0.14	43.65	54.00	-10.35	peak	

*:Maximum data x:Over limit !:over margin •Reference Only

File :skype(12-09-2006)rf(REPO\Data :#28 *Page: 1* Engineer Signature:

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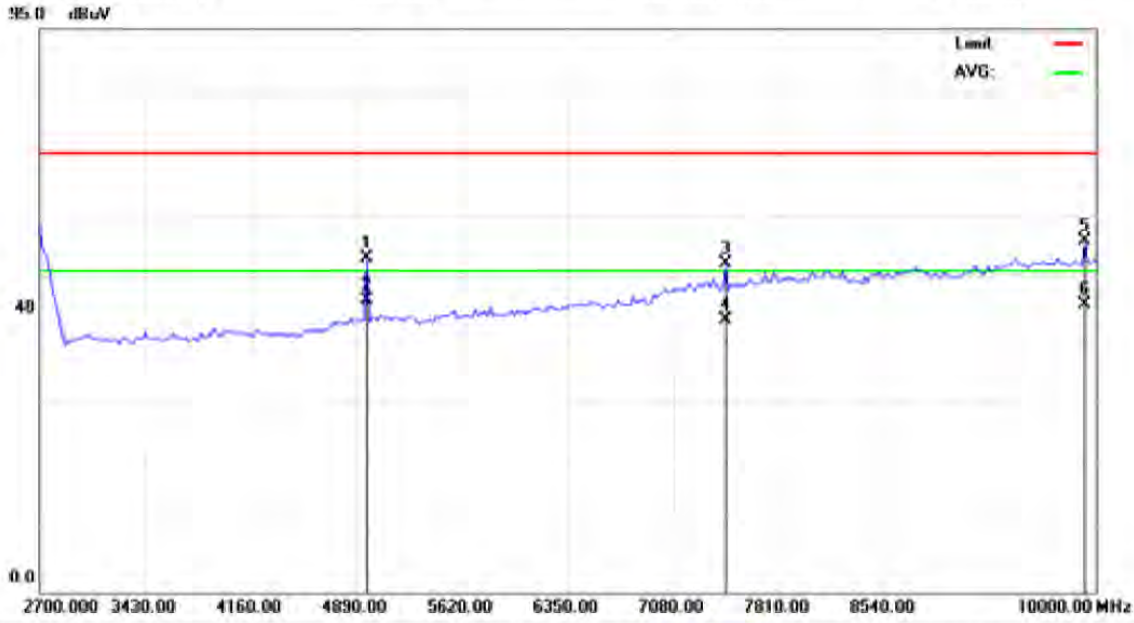
Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#46 Date: 2006-12-12 Time: 上午 10:26:39



Site site #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2480
Note: # 2

Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

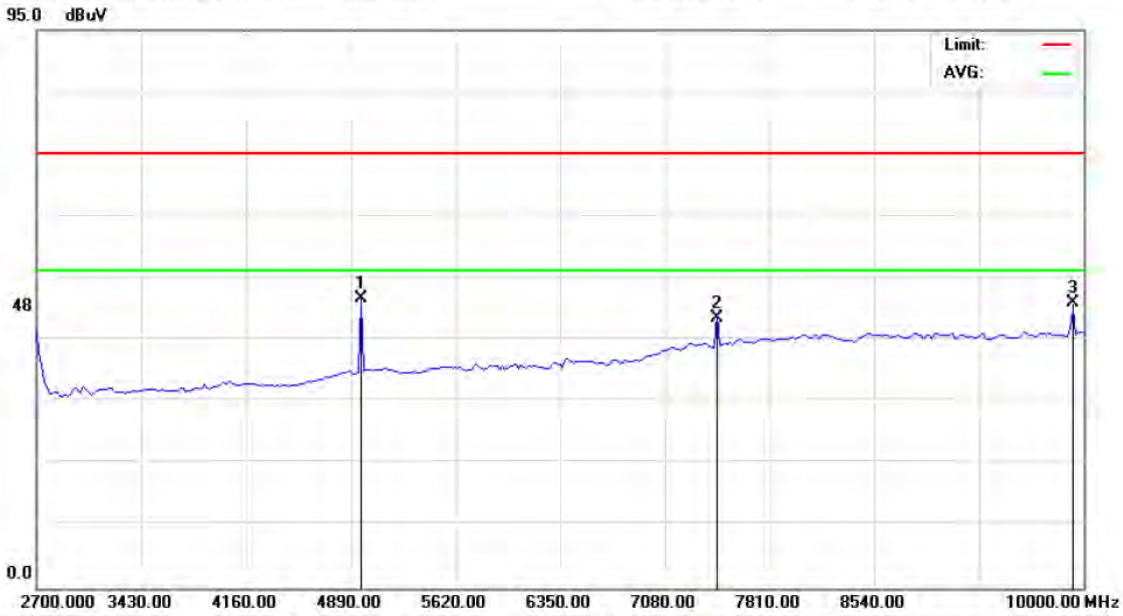
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		4963.000	48.49	7.81	56.30	74.00	-17.70	peak	
2	*	4963.000	41.49	7.81	49.30	54.00	-4.70	AVG	
3		7445.000	41.73	13.67	55.40	74.00	-18.60	peak	
4		7445.000	32.36	13.67	46.03	54.00	-7.97	AVG	
5		9927.000	41.51	17.78	59.29	74.00	-14.71	peak	
6		9927.000	30.70	17.78	48.48	54.00	-5.52	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf\Data :#46 *Page: 1* Engineer Signature:

Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO Data :#31 Date: 2006-12-12 Time: 上午 10:27:33



Site opensite #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2480
Note: Average mode(RBW:1MHz , VBW:10Hz)

Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	4963.000	41.49	7.81	49.30	54.00	-4.70	AVG	
2		7445.000	32.36	13.67	46.03	54.00	-7.97	AVG	
3		9927.000	30.70	17.78	48.48	54.00	-5.52	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf(REPO\Data :#31 *Page: 1* Engineer Signature:

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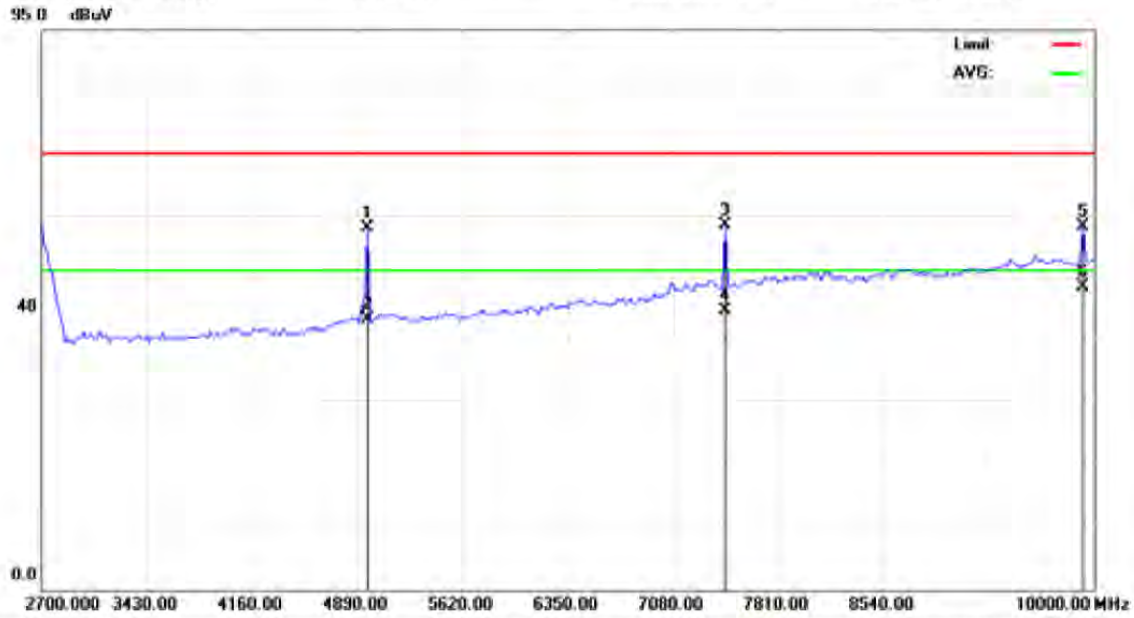
Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#48 Date: 2006-12-12 Time: 上午 10:33:59



Site site #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2480
Note: # 2 (9927M高度:144cm) ;

Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		4963.000	53.60	7.81	61.41	74.00	-12.59	peak	
2		4963.000	38.15	7.81	45.96	54.00	-8.04	AVG	
3		7445.000	48.17	13.67	61.84	74.00	-12.16	peak	
4		7445.000	33.67	13.67	47.34	54.00	-6.66	AVG	
5		9927.000	43.96	17.78	61.74	74.00	-12.26	peak	
6	*	9927.000	33.75	17.78	51.53	54.00	-2.47	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf\Data :#48 *Page: 1* Engineer Signature:

Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO Data :#32 Date: 2006-12-12 Time: 上午 10:34:54

Site opensite #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2480
Note: Average mode(RBW:1MHz , VBW:10Hz)

Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		4963.000	38.15	7.81	45.96	54.00	-8.04	AVG	
2		7445.000	33.67	13.67	47.34	54.00	-6.66	AVG	
3	*	9927.000	33.75	17.78	51.53	54.00	-2.47	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

File :skype(12-09-2006)rf(REPO\Data :#32 *Page: 1* Engineer Signature:

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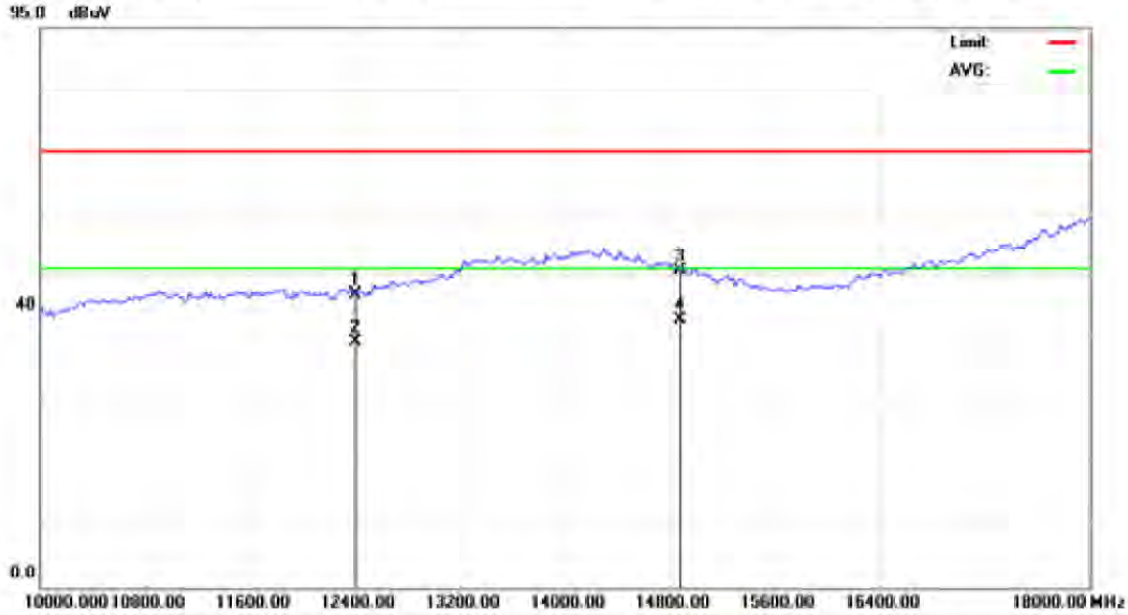
Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#52 Date: 2006-12-12 Time: 上午 10:56:34



Site site #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2480
Note: # 2 ; 1

Polarization: *Vertical*
Power:
Distance: 1m

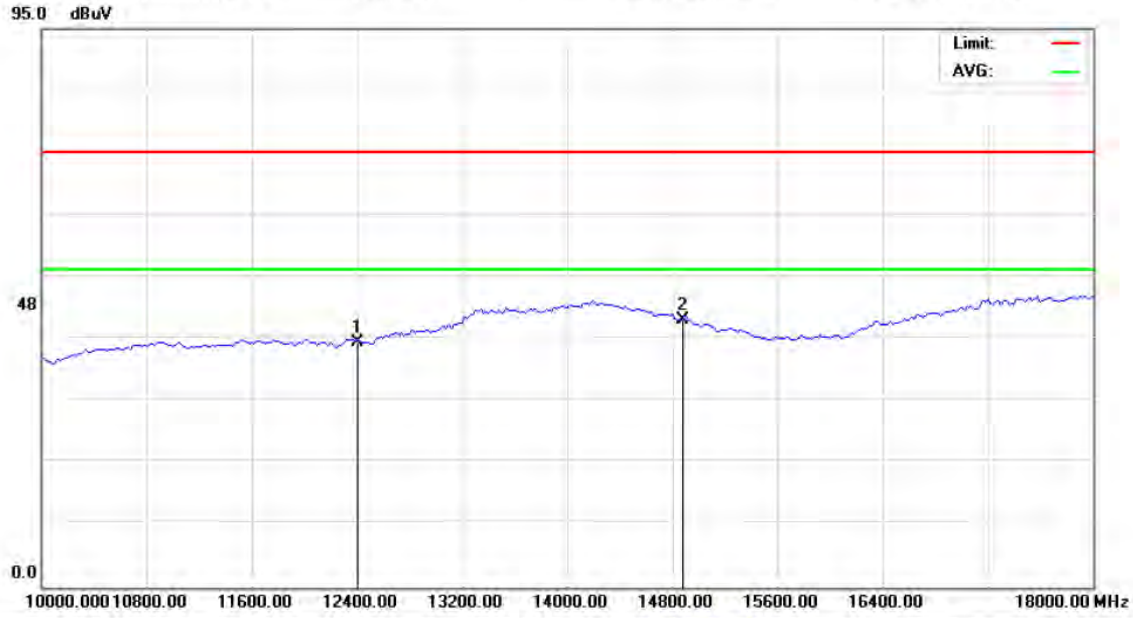
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		12400.00	37.25	12.44	49.69	74.00	-24.31	peak	
2		12400.00	29.30	12.44	41.74	54.00	-12.26	AVG	
3		14880.00	37.81	16.07	53.88	74.00	-20.12	peak	
4	*	14880.00	29.32	16.07	45.39	54.00	-8.61	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO Data :#34 Date: 2006-12-12 Time: 上午 10:57:28



Site opensite #1 Polarization: *Vertical* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: skype phone Distance: 1m

M/N:

Mode: 動態單頻2480

Note: Average mode(RBW:1MHz , VBW:10Hz)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		12400.00	19.76	21.98	41.74	54.00	-12.26	AVG	
2	*	14880.00	19.78	25.61	45.39	54.00	-8.61	AVG	

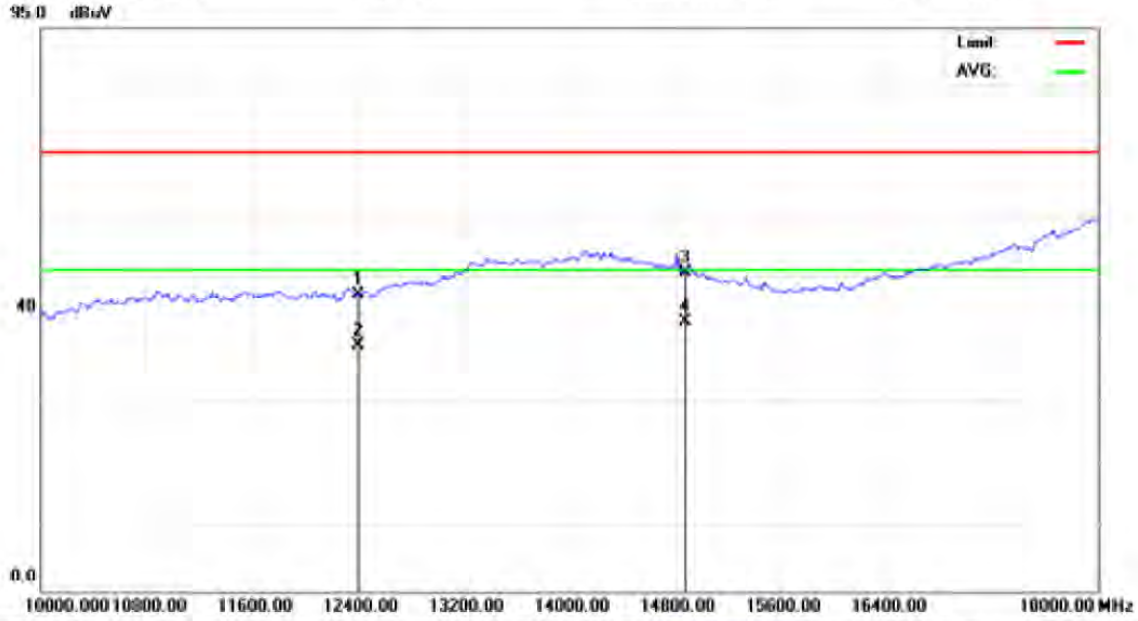
*:Maximum data x:Over limit !:over margin •Reference Only

File :skype(12-09-2006)rf(REPO\Data :#34 *Page: 1* Engineer Signature:

A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan,

Radiated Emission Measurement

File :skype(12-09-2006)rf Data :#50 Date: 2006-12-12 Time: 上午 10:52:25



Site site #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2480
Note: # 2 ;

Polarization: *Horizontal*
Power:
Distance: 1m

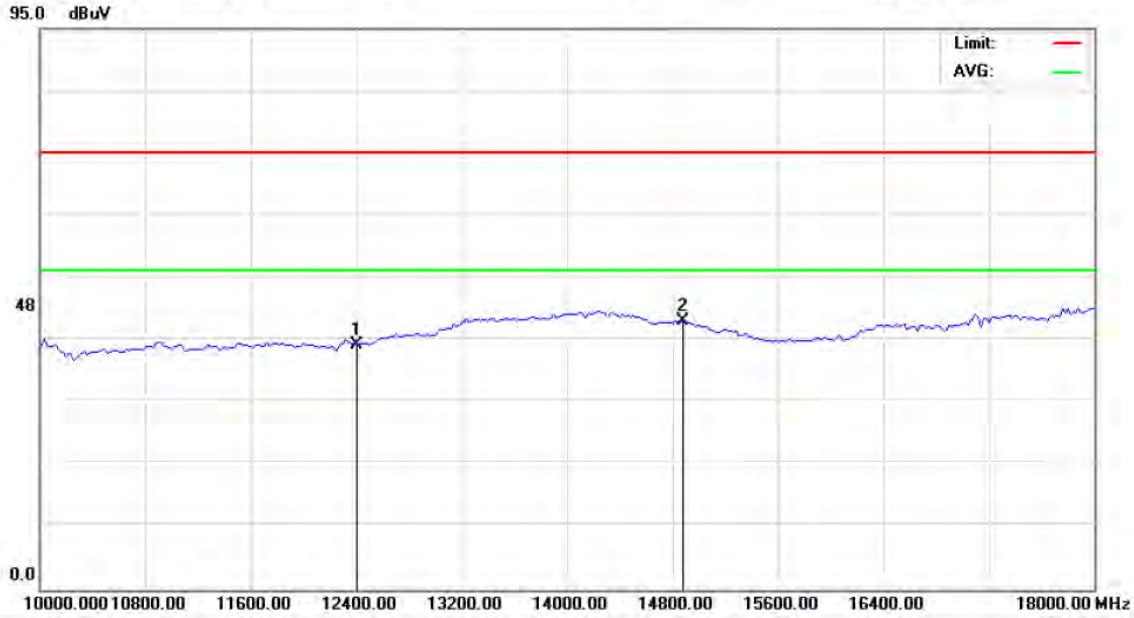
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		12400.00	37.49	12.44	49.93	74.00	-24.07	peak	
2		12400.00	28.99	12.44	41.43	54.00	-12.57	AVG	
3		14880.00	37.77	16.07	53.84	74.00	-20.16	peak	
4	*	14880.00	29.35	16.07	45.42	54.00	-8.58	AVG	

*:Maximum data x:Over limit !:over margin ●Reference Only

Radiated Emission Measurement

File :skype(12-09-2006)rf(REPO Data :#33 Date: 2006-12-12 Time: 上午 10:53:19



Site opensite #1
Limit: FCC part 15 (PK)
EUT: skype phone
M/N:
Mode: 動態單頻2480
Note: Average mode(RBW:1MHz , VBW:10Hz)

Polarization: *Horizontal*
Power:
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		12400.00	19.45	21.98	41.43	54.00	-12.57	AVG	
2	*	14880.00	19.81	25.61	45.42	54.00	-8.58	AVG	

*:Maximum data x:Over limit !:over margin •Reference Only

File :skype(12-09-2006)rf(REPO\Data :#33 *Page: 1* Engineer Signature:

4. Maximum Conducted Output Power Requirements

4.1 Test Condition & Setup:

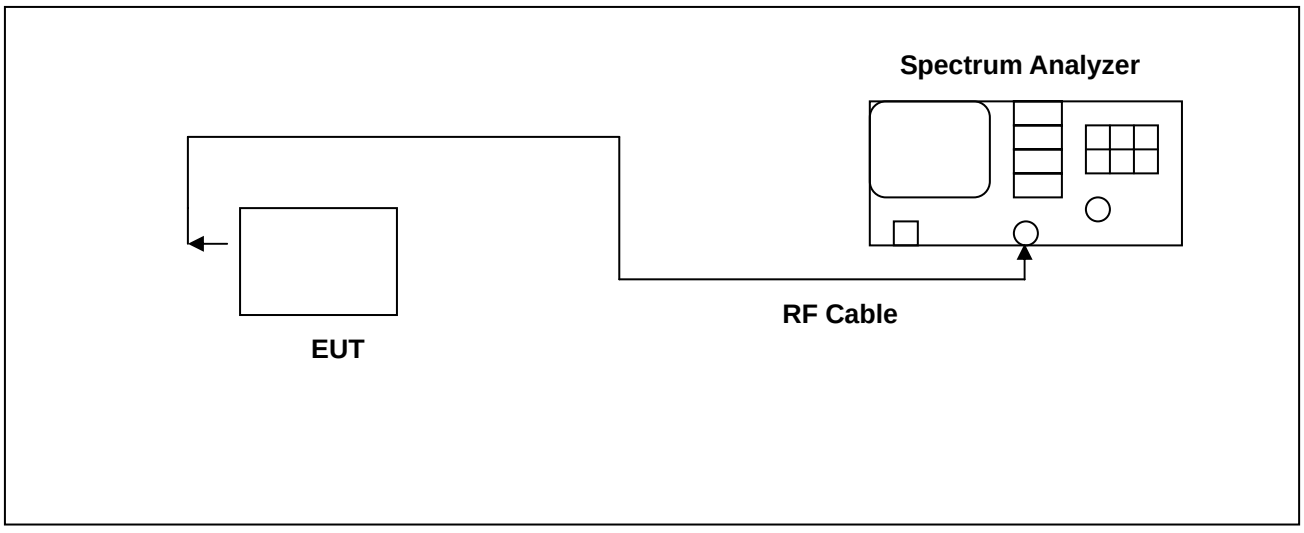
The tests below are run with the EUT's transmitter set at high power in TX mode. The EUT is needed to force selection of output power level and channel number. While testing, EUT was set to transmit continuously. Remove the Subjective device's antenna and connect the RF output port to spectrum analyzer. The maximum peak output power shall not exceed 1 watt.

Use a direct connection between the antenna port of transmitter and the spectrum Analyzer, for prevent the spectrum analyzer input attenuation 40-50 dB. Set the RBW Bandwidth of the emission or use a channel power meter mode.

For antennas with gains of 6 dBi or less, maximum allowed transmitter output is 1 watt (+30 dBm). For antennas with gains greater than 6 dBi, transmitter output level must be decreased by an amount equal to (GAIN - 6)/3 dBm.

The antenna port of the EUT was connected to the input of a power meter. Power was read directly and cable loss correction was added to the reading to obtain power at the EUT antenna terminals.

4.2 Test Instruments Configuration:



4.3 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	May. 09, 2006	May. 09, 2007

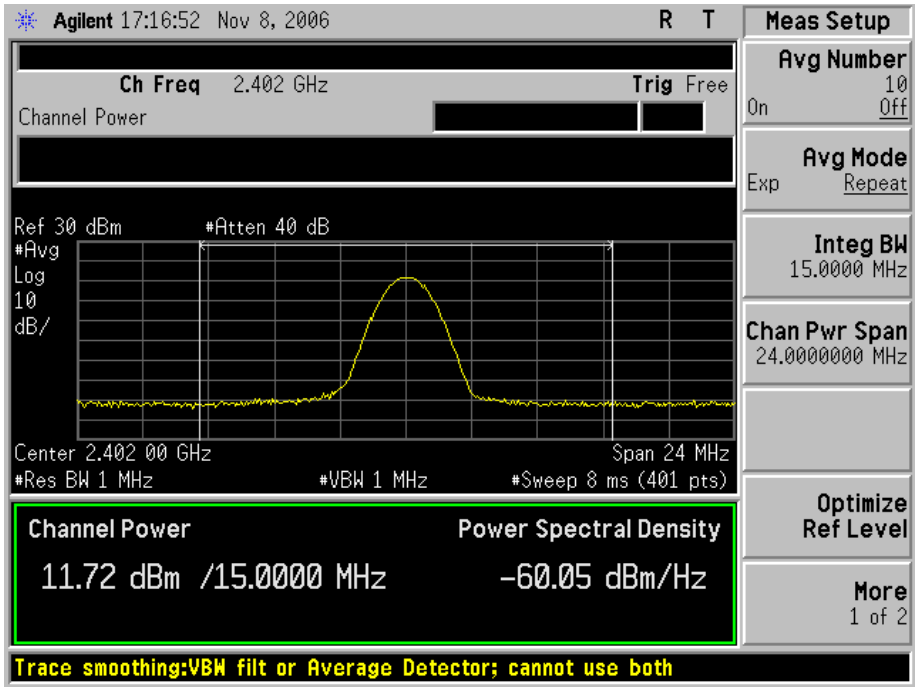
4.4 Test Result:

Frequency (MHz)	Output (dBm)	Required Limit
2402	11.72	<30dBm
2441	11.11	<30dBm
2480	10.23	<30dBm

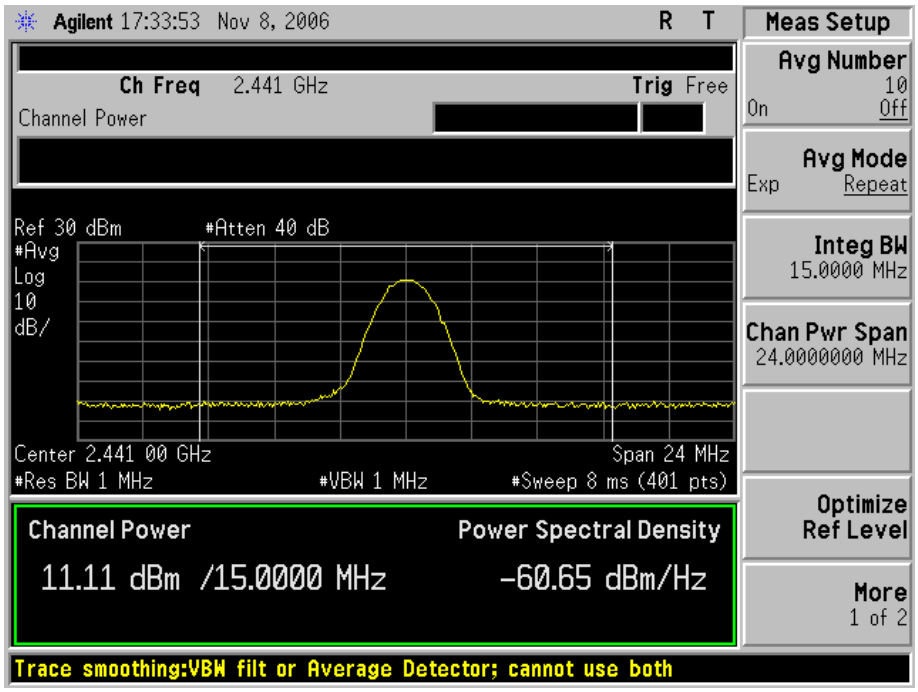
Note: Test Graphs See next page.

4.5 Test Graphs

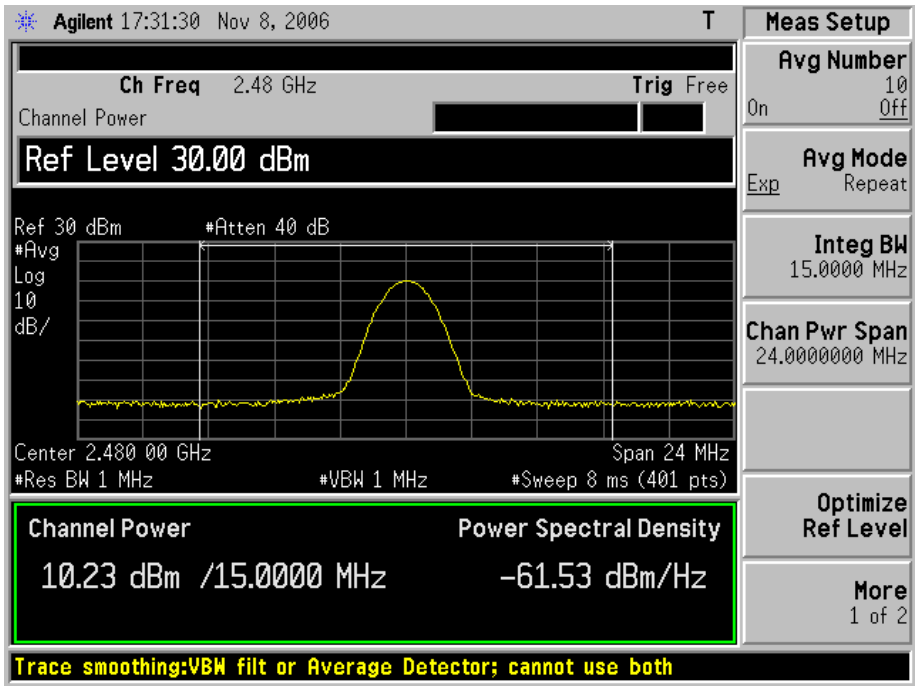
FHSS CH00 (2402MHz)



FHSS CH39 (2441MHz)



FHSS CH78 (2480MHz)



5. Minimum 20dB RF Bandwidth Requirements

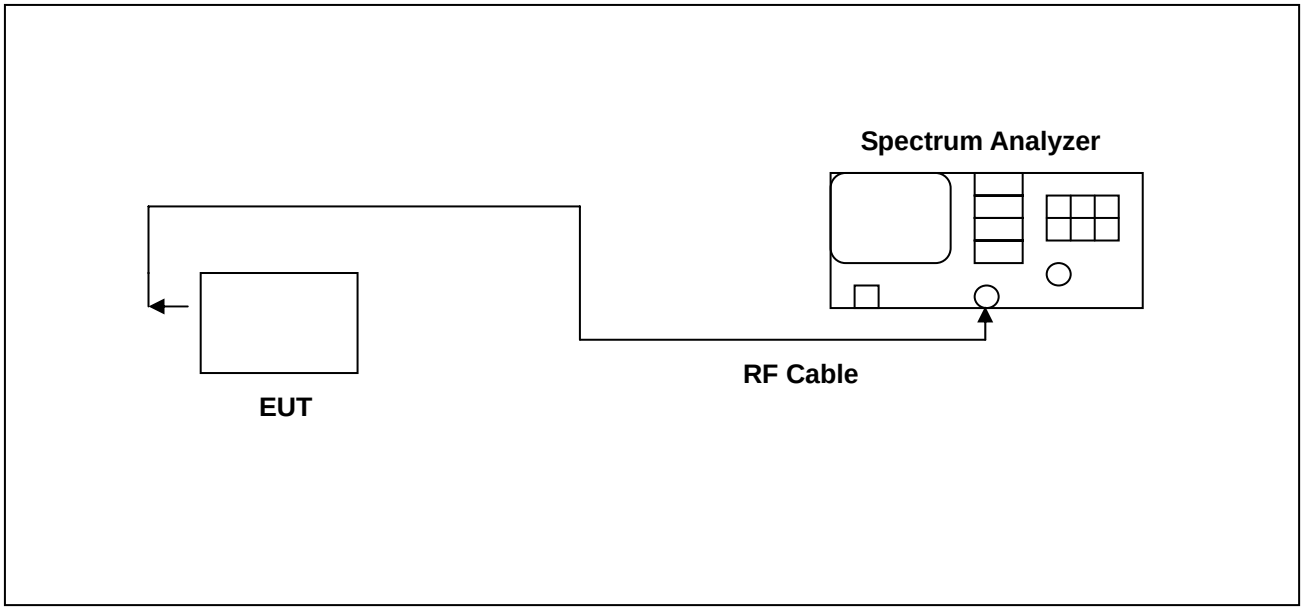
5.1 Test Condition & Setup:

The RF output port of the Equipment-Under-Test is directly coupled to the input of the EMC analyzer through a specialized RF connector and a 10dB passive attenuator. A fully charged battery was used for the supply voltage.The Bluetooth frequency hopping function of the EUT was enabled. The spectrum analyzer used the following settings:

1. Span = approx. 2 to 3 times the 20dB bandwidth, centered on a hopping frequency
2. RBW ≥ 1% of the 20dB span
3. VBW ≥ RBW
4. Sweep = auto
5. Detector function = peak
6. Trace = max hold

The trace was allowed to stabilize. The EUT was transmitting at its maximum data rate. The marker-to-peak function was used to set the marker to the peak of the emission. The marker-delta function was used to measure 20dB down one side of the emission. The marker-delta function and marker was moved to the other side of the emission until it was even with the reference marker. The marker-delta reading at this point was the 20dB bandwidth of the emission.

5.2 Test Instruments Configuration:



5.3 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	May. 09, 2006	May. 09, 2007

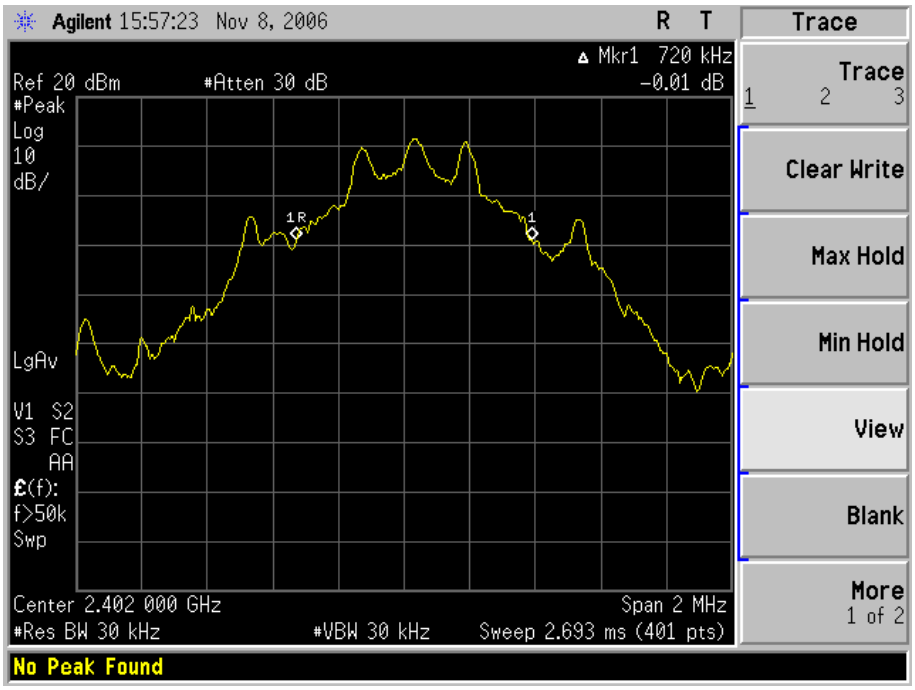
5.4 Test Result:

Frequency (MHz)	Min. 26dB Bandwidth (KHz)	Required Limit
2402	720	<1MHz
2441	720	<1MHz
2480	700	<1MHz

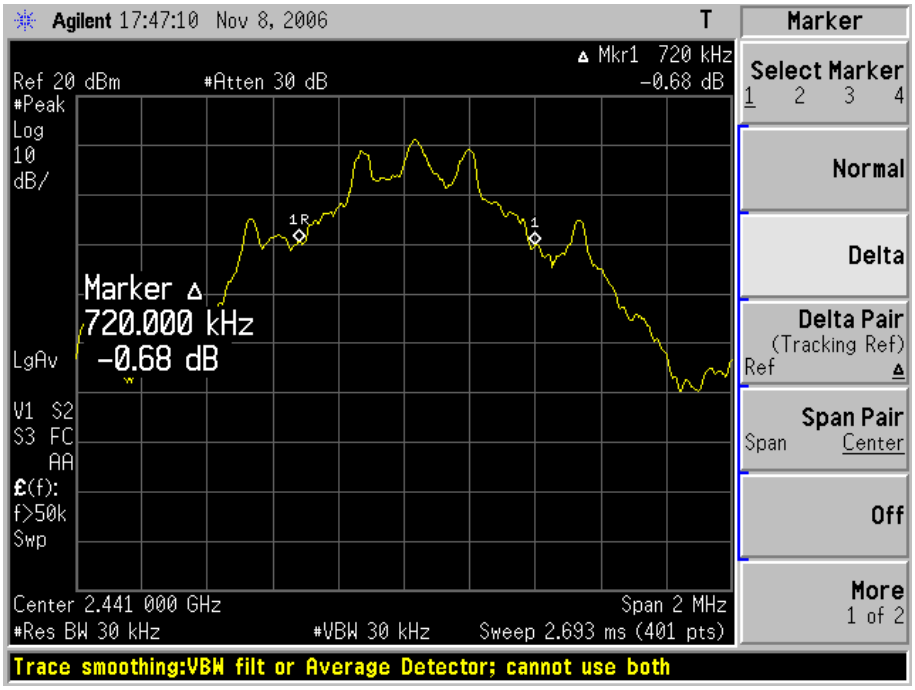
Note: Test Graphs See next page.

5.5 Test Graphs

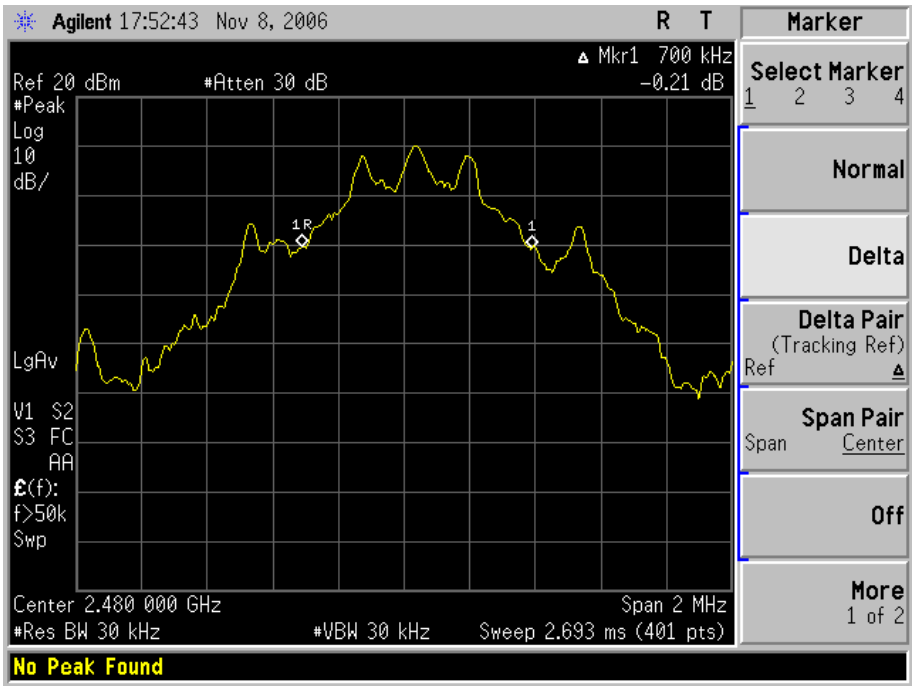
FHSS CH00 (2412MHz)



FHSS CH39 (2441MHz)



FHSS CH78 (2480MHz)



6. Carrier Frequency Separation Requirements

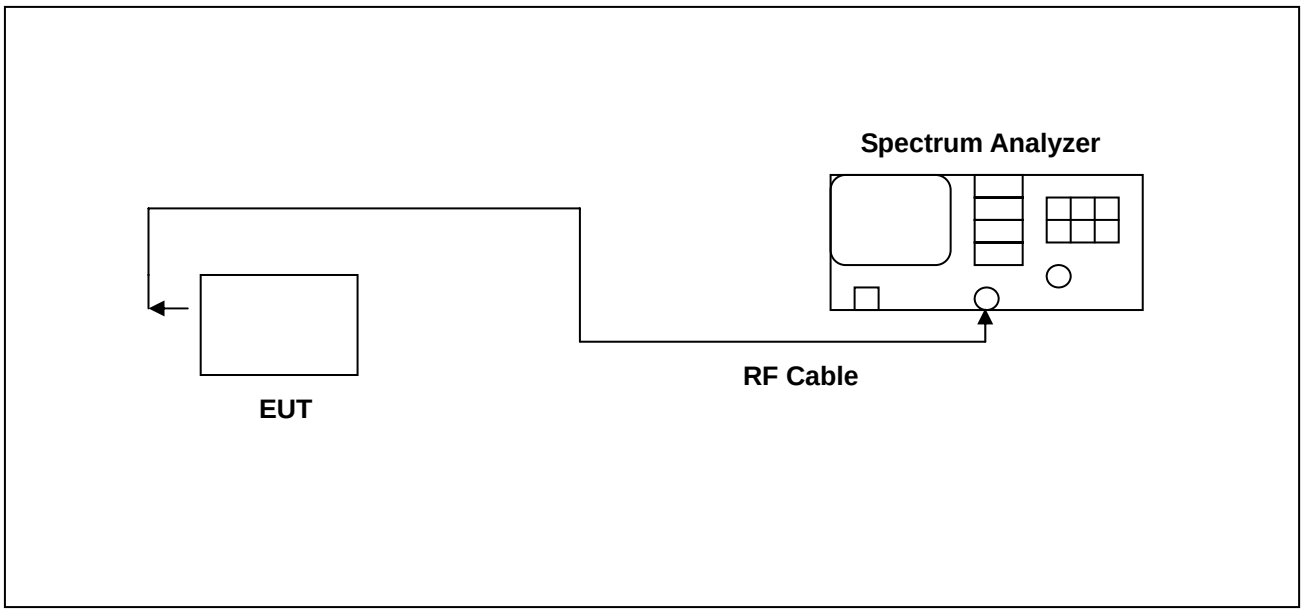
6.1 Test Condition & Setup:

The RF output port of the Equipment-Under-Test is directly coupled to the input of the EMC analyzer through a specialized RF connector and a 10dB passive attenuator. A fully charged battery was used for the supply voltage.The Bluetooth transmitter of the V6 had its hopping function enabled. The following spectrum analyzer settings were used:

1. Span = wide enough to capture the peaks of two adjacent channels
2. Resolution (or IF) Bandwidth (RBW) ≥ 1% of the span
3. Video (or Average) Bandwidth (VBW) ≥ RBW
4. Sweep = auto
5. Detector function = peak
6. Trace = max hold

The trace was allowed to stabilize. The marker-delta function was used todetermine the separation between the peaks of the adjacent channels.

6.2 Test Instruments Configuration:

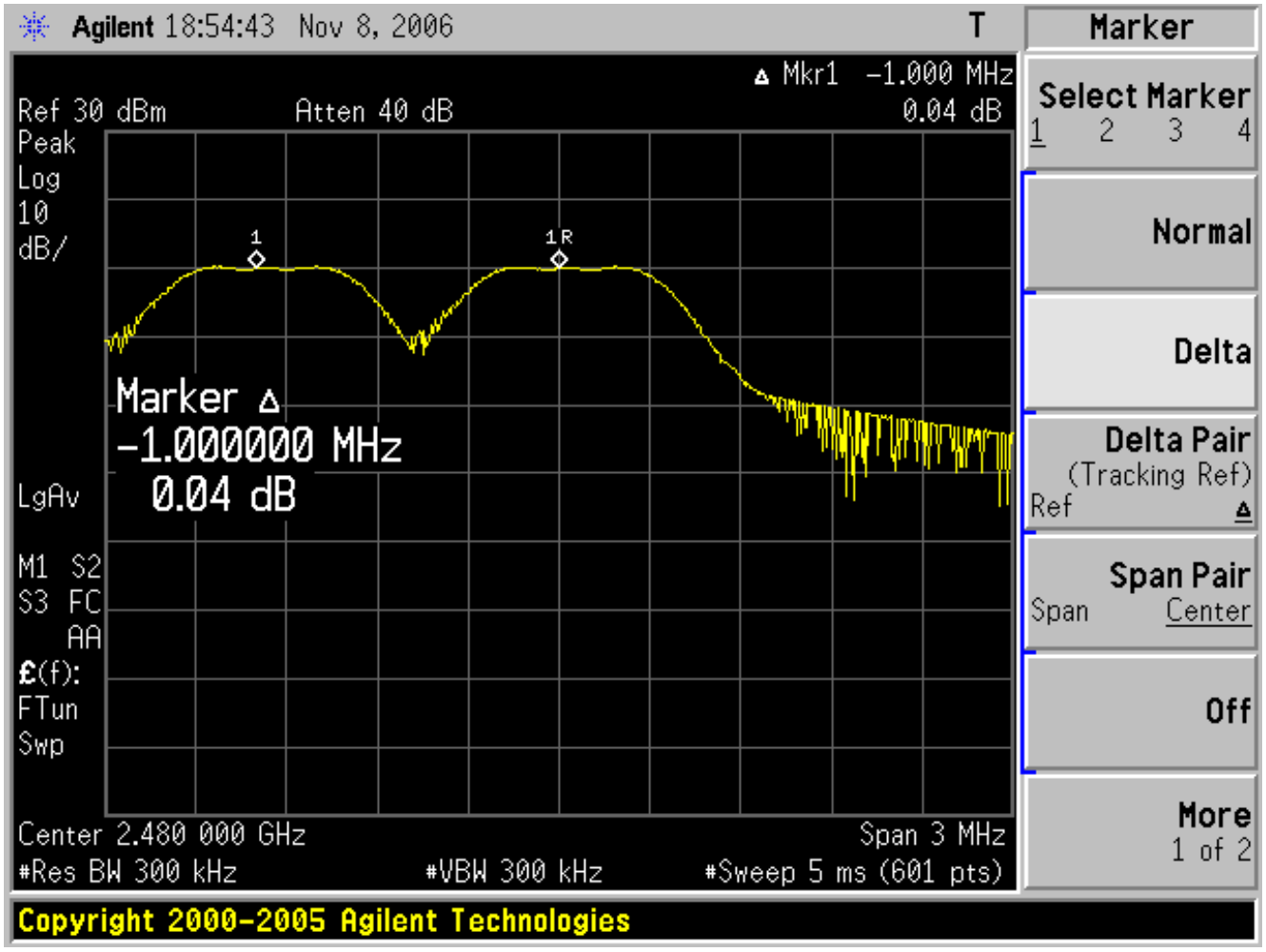


6.3 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	May. 09, 2006	May. 09, 2007
Attenuator	RADIALL	R41572000	0603033073	NA	NA

6.4 Test Result:

Carrier Frequency Separation Measure:	1MHz



7. Number of Hopping Requirements

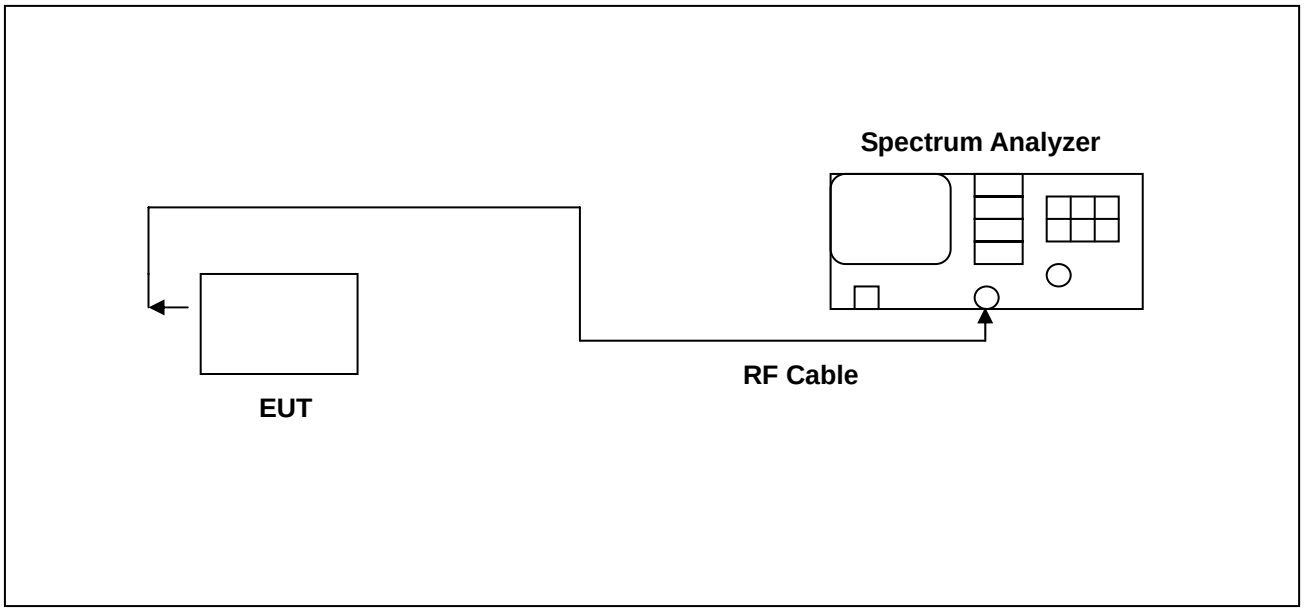
7.1 Test Condition & Setup:

The RF output port of the Equipment-Under-Test is directly coupled to the input of the EMC analyzer through a specialized RF connector and a 10dB passive attenuator. A fully charged battery was used for the supply voltage. The Bluetooth frequency hopping function of the EUT was enabled. The spectrum analyzer used the following settings:

1. Span = the frequency band of operation
2. RBW ≥ 1% of the span
3. VBW ≥ RBW
4. Sweep = auto
5. Detector function = peak
6. Trace = max hold

The trace was allowed to stabilize.

7.2 Test Instruments Configuration:



7.3 Test Equipment List:

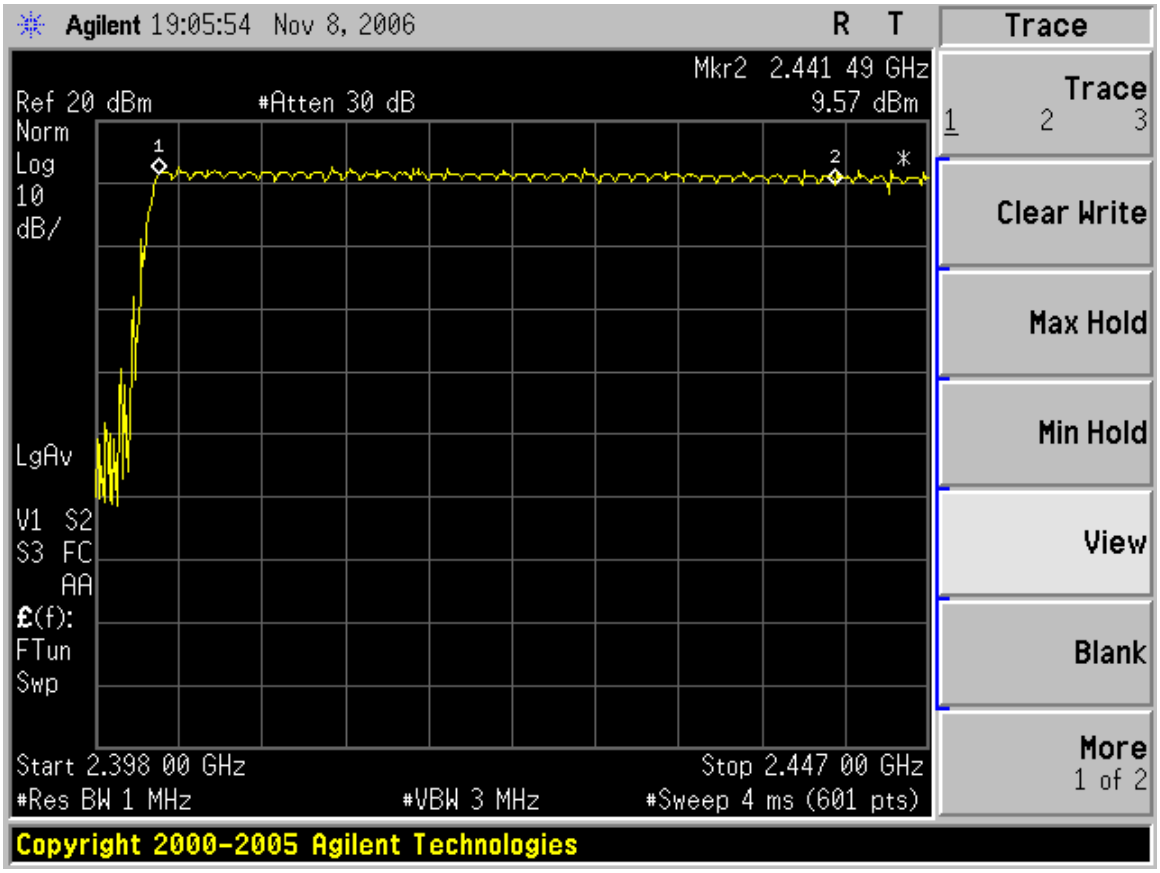
Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	May. 09, 2006	May. 09, 2007
Attenuator	RADIALL	R41572000	0603033073	NA	NA

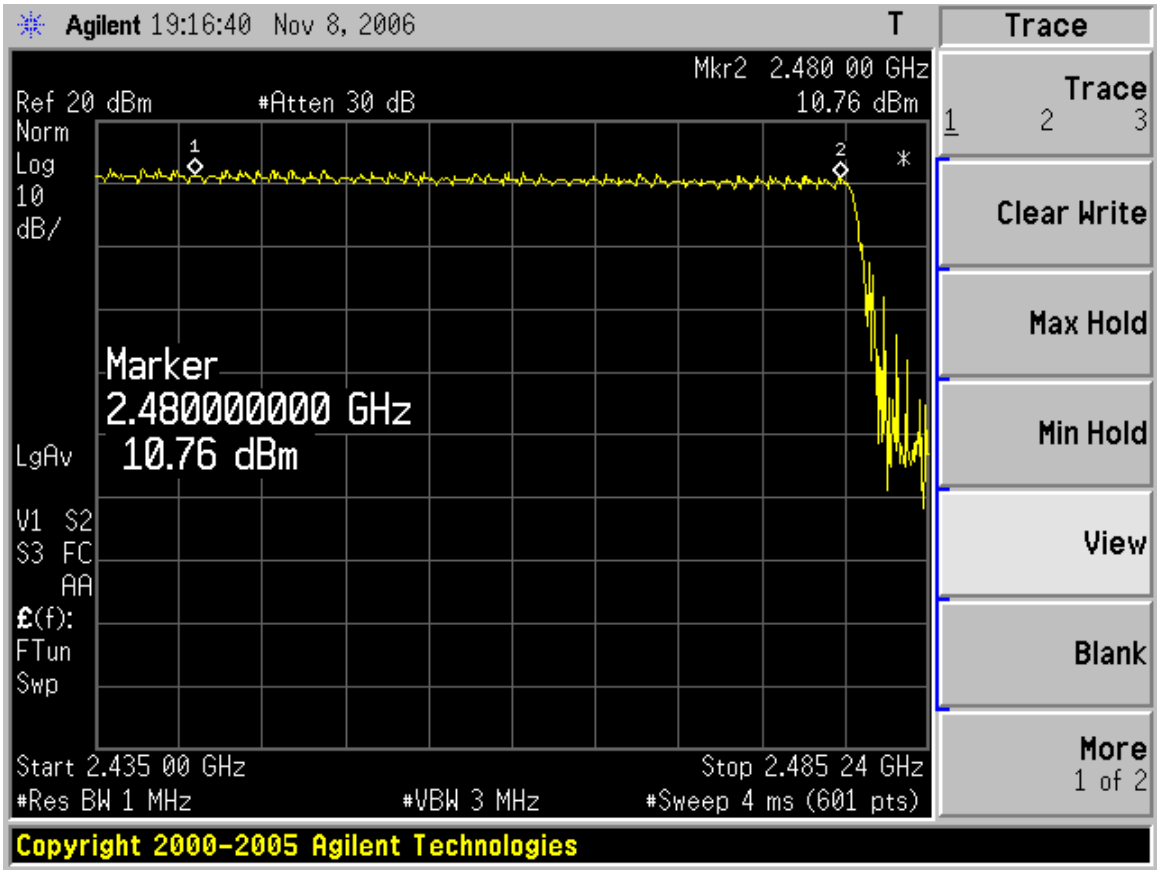
7.4 Test Result:

Number of Hopping Measure :	79CH

Note: Test Graphs See next page.

7.5 Test Graphs (CH0~CH39 & CH40~CH78)





8. Time of Occupancy (Dwell Time) Requirements

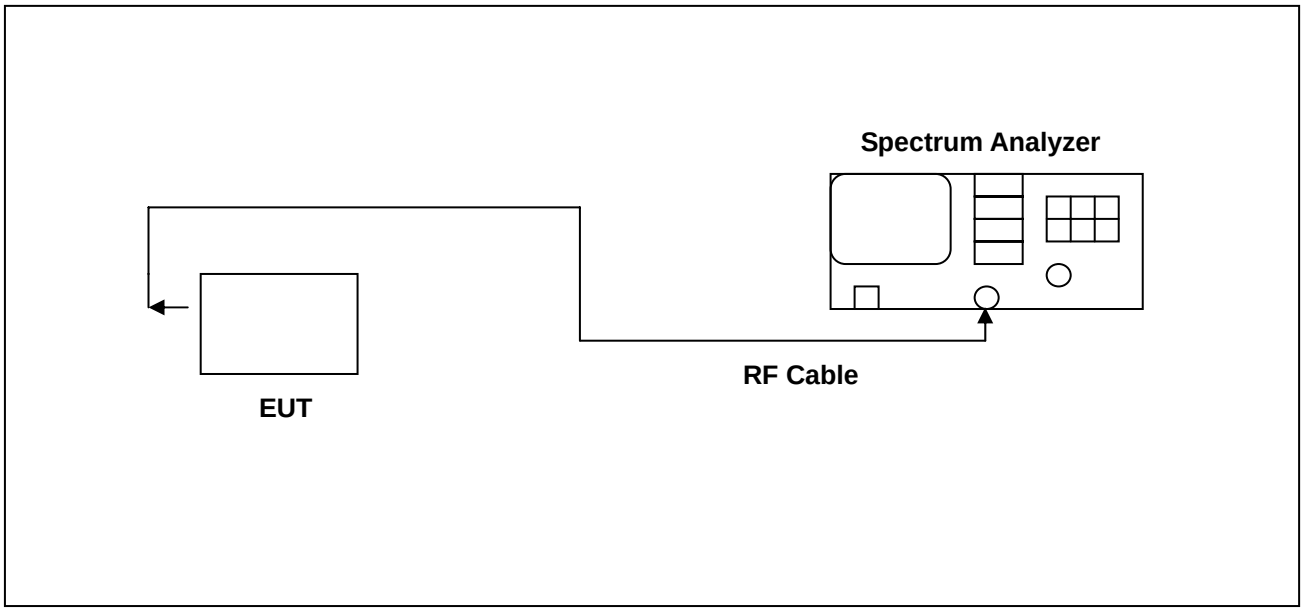
8.1 Test Condition & Setup:

The RF output port of the Equipment-Under-Test is directly coupled to the input of the EMC analyzer through a specialized RF connector and a 10dB passive attenuator. A fully charged battery was used for the supply voltage.The Bluetooth hopping function of the EUT was enabled. The following spectrum analyzer settings were used:

1. Span = zero span, centered on a hopping channel
2. RBW = 1 MHz
3. VBW ≥ RBW
4. Sweep = as necessary to capture the entire dwell time per hopping channel
5. Detector function = peak
6. Trace = max hold

The marker-delta function was used to determine the dwell time.

8.2 Test Instruments Configuration:



8.3 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	May. 09, 2006	May. 09, 2007
Attenuator	RADIALL	R41572000	0603033073	NA	NA

8.4 Test Result (DH1 Mode):

Cycle Calculate	79CH * 0.4 = 31.6 (sec)
The EUT Hopping Number per Sec	1600 times/sec
Each Channel Dwell Times per Sec	800/79CH = 10.13(times/sec)
Each Channel Dwell Times (1)	0.450 ms (sec)
Each Channel Dwell Times on Cycle(2)	31.6 * 10.13 = 320.108(times)
Dwell Times on Cycle (1) * (2)	144.0486 ms (sec)
LIMIT(msec)	< = 400

Note: **RB=1MHz ; VB=1MHz ; SPAN=0MHz ; Sweep Time=20msec**