47 CFR PART 15 SUBPART B

TEST REPORT

of

850/1800/1900 Tri-band Handset

Model Name: D263
Trade Name: KONKA
Report No.: SZ06110009E01
FCC ID: UT3KK263

prepared for

Shenzhen KONKA Telecommunications Technology Co., Ltd.
9008 ShenNan Road, Overseas Chinese Town,
Shenzhen, Guangdong, China

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1. TEST CERTIFICATION

Equipment under Test:	850/1800/1900 Tri-band Handset
Trade Name:	KONKA
Model Name:	D263
FCC ID:	UT3KK263
Applicant:	Shenzhen KONKA Telecommunications Technology Co., Ltd. 9008 ShenNan Road, Overseas Chinese Town, Shenzhen, Guangdong, China
Manufacturer:	Shenzhen KONKA Telecommunications Technology Co., Ltd. 9008 ShenNan Road, Overseas Chinese Town, Shenzhen, Guangdong, China
Test Standards:	47 CFR Part 15 Subpart B
EUT Received Date:	December 26, 2006
Test Date(s):	December 29, 2006 - January 20, 2007
Test Result:	PASS

*** We Hereby Certify That:**

The equipment under test was tested by Shenzhen Electronic Product Quality Testing Center Morlab Laboratory. The test data, data evaluation, test procedures and equipment configurations shown in this report were made in accordance with the requirement of related FCC rules.

The test results of this report only apply for the tested sample equipment identified above. The test report shall be invalid without all the signatures of the test engineer, the reviewer and the approver.

Tested by: Zhang Weimin Dated: 2007.1.22

Reviewed by: Yang Bo Dated: 2007.1.22

Approved by: Shu Luan Dated: 2007.1.22

2. GENERAL INFORMATION

2.1 EUT Description

EUT Type	:	850/1800/1900 Tri-band Handset
Model Name	:	D263
Serial No.	:	(n.a.)
IMEI	:	352610016604712
Hardware Version	:	V3.2
Software Version	:	KAB263A_SAB_Sp_En_Fr_1.13.B23
Modulation Type	:	GMSK, FHSS
Power Supply	:	Lithium-ion Battery
		Trade Name: KONKA
		Model Name: KLB70P73
		Manufacturer: Shenzhen KONKA Telecommunications Technology Co., Ltd.
		Serial No.: AD06F3PS12596
		Capacitance: 700mAh
		Rated Voltage: 3.7VDC
Ancillary Equipment 1	:	AC Adapter
		Trade Name: KONKA
		Model Name: KTC-08BIM8G
		Manufacturer: Shenzhen KONKA Telecommunications Technology Co., Ltd.
		Serial No.: AD06H3C00027
		Rated Input: ~ 100-240V, 50/60Hz, 150mA
		Rated Output: ⎓ 5V, 500mA
		Wire Length: 150cm
Ancillary Equipment 2	:	Headset
		Manufacturer: (n.a.)
		Model Name: 003140-HEC
		Wire Length: 160cm
Ancillary Equipment 3	:	USB Adapter Cable
		Manufacturer: (n.a.)
		Model Name: KDC8A07C-SS
		Wire Length: 120cm

Note 1: The EUT, called "MS" for short, is classified as a Class B digital device.

Note 2: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

2.2 EUT Function

The EUT supports GPRS function.

The EUT supports Bluetooth function.

The EUT is equipped with a T-Flash card slot; equipped with a special port which can be connected to the ancillary equipments supplied by the manufacturer e.g. the AC Adapter, the Headset and the USB Adapter Cable.

The EUT outfits an inner Camera.

2.3 Test Standards and Results

The objective of the report is to perform testing according to 47 CFR Part 15 Subpart B:

No.	Identity	Document Title
1	47 CFR Part 15 (10-1-05 Edition)	Radio Frequency Devices

Test detailed items/section required by FCC rules and results are as below:

No.	Section	Description	Result	Date of Test
1	15.107	Conducted Emission	PASS	2007-01-19
2	15.109	Radiated Emission	PASS	2007-01-20

2.4 Facilities and Accreditations

2.4.1 Facilities

Shenzhen Electronic Product Quality Testing Center Morlab Laboratory is a testing organization accredited by China National Accreditation Board for Laboratories (CNAL) according to ISO/IEC 17025. The accreditation certificate number is L1659.

All measurement facilities used to collect the measurement data are located at Electronic Testing Building, Shahe Road, Xili, Nanshan District, Shenzhen 518055 CHINA. The test site is constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 22; the FCC registration number is 741109.

2.4.2 Test Environment Conditions

During the measurement, the environmental conditions were within the listed ranges:

Temperature (°C):	20 - 25
Relative Humidity (%):	40 - 60
Atmospheric Pressure (kPa):	960

3. TEST CONDITIONS SETTING

3.1 Test Mode

According to the functions of the EUT, several Test Modes listed below should be tested (also refer to section 3.2 for the test setup information):

A. "CALL__MS_BTHS " Test Mode:

The EUT serves mainly as a mobile phone.

The EUT configuration is MS + Battery + Charger + Bluetooth-Headset. During the measurement, the Charger which is powered by 120V 60Hz AC mains supply keeps charging the emptied Battery.

The EUT is commanded via a System Simulator to operate at GSM 850MHz band, and to work at the maximum output power i.e. Power Control Level (PCL) = 5, Power Class = 4; the operating channel number is set to middle ARFCN 190. A call is established between the EUT and the System Simulator, and the audio downlink is routed to a Bluetooth-Headset (supplied by the test site) from the EUT.

B. "CALL__MS_HS" Test Mode:

The EUT serves mainly as a mobile phone.

The EUT configuration is MS + Battery + Headset.

The EUT is commanded via a System Simulator to operate at GSM 850MHz band, and to work at the maximum output power i.e. Power Control Level (PCL) = 5, Power Class = 4; the operating channel number is set to middle ARFCN 190. A call is established between the EUT and the System Simulator, and the audio downlink is routed to the Headset from the EUT.

C. "USB__MS_PC" Test Mode:

The EUT serves mainly as a Personal Computer peripheral.

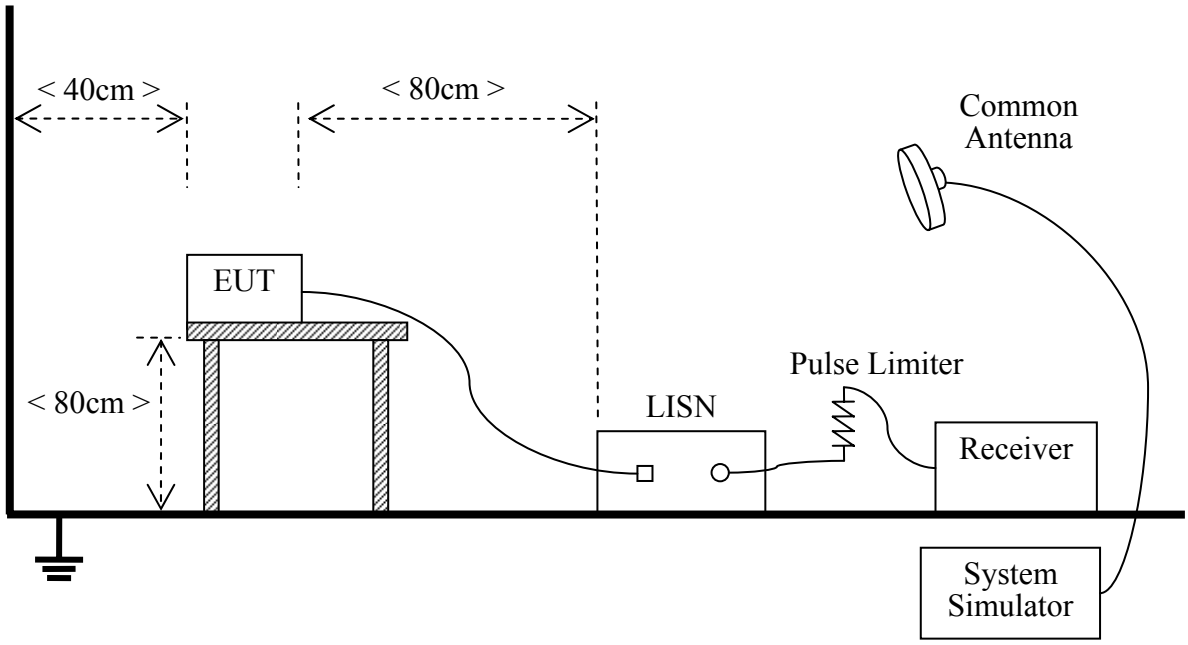
The EUT configuration is MS + Battery + USB Adapter Cable + Personal Computer. The EUT with a T-Flash Card (supplied by the test site) outfitted is connected to a USB port of a Personal Computer (supplied by the test site) via the USB Adapter Cable. The charger of the Personal Computer is powered by 120V 60Hz AC mains supply.

During the measurement, the EUT keeps transmitting and receiving files continuously with the Personal Computer.

3.2 Test Setup and Equipments List

3.2.1 Conducted Emission

A. Test Setup:



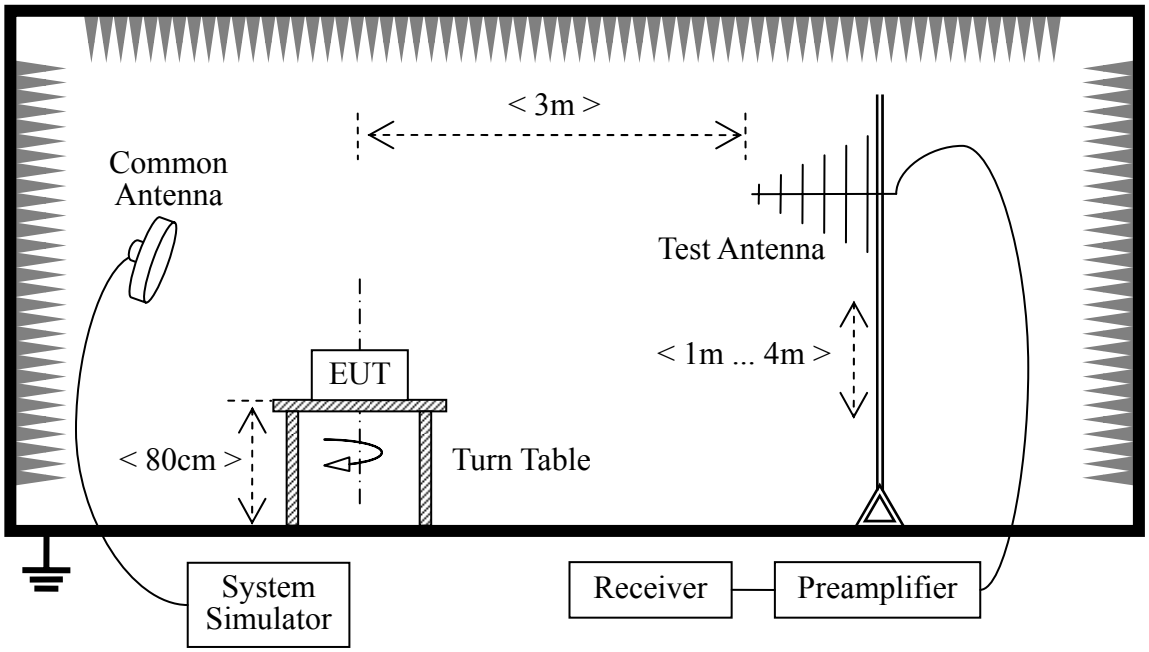
The EUT is placed on a 0.8m high insulating table, which stands on the grounded conducting floor, and keeps 0.4m away from the grounded conducting wall. The EUT is connected to the power mains through a LISN which provides 50Ω/50μH of coupling impedance for the measuring instrument. The Common Antenna is used for the call between the EUT and the System Simulator (SS). A Pulse Limiter is used to protect the measuring instrument. The factors of the whole test system are calibrated to correct the reading.

B. Equipments List:

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Receiver	Agilent	E7405A	US44210471	2006.07	1year
LISN	Schwarzbeck	NSLK 8127	812744	2006.08	1year
Pulse Limiter (20dB)	Schwarzbeck	VTSD 9561-D	9391	(n.a.)	(n.a.)
System Simulator	Agilent	E5515C	GB43130131	2006.06	1year
Personal Computer	HP	Pavilion ze2202	CNF5460DNL	(n.a.)	(n.a.)
Bluetooth-Headset	Nokia	HS-36W	(n.a.)	(n.a.)	(n.a.)
T-Flash Card	SanDisk	256MB	(n.a.)	(n.a.)	(n.a.)

3.2.2 Radiated Emission

A. Test Setup:



The test is performed in a 3m Semi-Anechoic Chamber; the antenna factor, cable loss and so on of the site (factors) is calculated to correct the reading. The EUT is placed on a 0.8m high insulating Turn Table, and keeps 3m away from the Test Antenna, which is mounted on a variable-height antenna master tower. The Common Antenna is used for the call between the EUT and the System Simulator (SS).

B. Equipments List:

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Receiver	Agilent	E7405A	US44210471	2006.07	1year
Full-Anechoic Chamber	Albatross	9m*6m*6m	(n.a.)	2006.08	2year
Test Antenna - Bi-Log	Schwarzbeck	VULB 9163	9163-274	2006.07	1year
Test Antenna - Horn	Schwarzbeck	BBHA 9120C	9120C-384	2006.07	1year
System Simulator	Agilent	E5515C	GB43130131	2006.06	1year
Personal Computer	HP	Pavilion ze2202	CNF5460DNL	(n.a.)	(n.a.)
Bluetooth-Headset	Nokia	HS-36W	(n.a.)	(n.a.)	(n.a.)
T-Flash Card	SanDisk	256MB	(n.a.)	(n.a.)	(n.a.)

4. 47 CFR PART 15B REQUIREMENTS

4.1 Conducted Emission

4.1.1 Requirement

According to FCC section 15.107, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150kHz to 30MHz shall not exceed the limits in the following table, as measured using a 50μH/50Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dBμV)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
0.50 - 30	60	50

NOTE:

a) The limit subjects to the Class B digital device.

b) The lower limit shall apply at the band edges.

c) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50MHz.

4.1.2 Test Description

See section 3.2.1 of this report.

4.1.3 Test Result

The maximum conducted interference is searched using Peak (PK), Quasi-peak (QP) and Average (AV) detectors; the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. All test modes are considered, refer to recorded points and plots below.

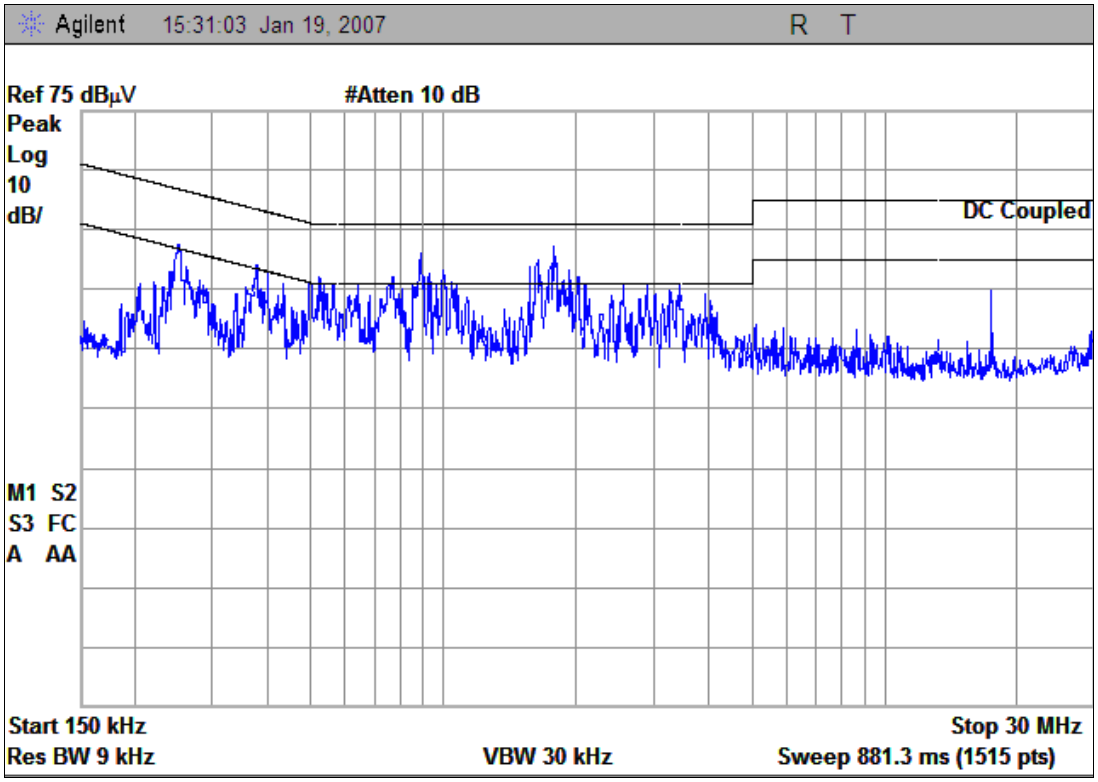
A. "CALL__MS_BTHS " Test Mode:

Test Verdict Recorded for Suspicious Points

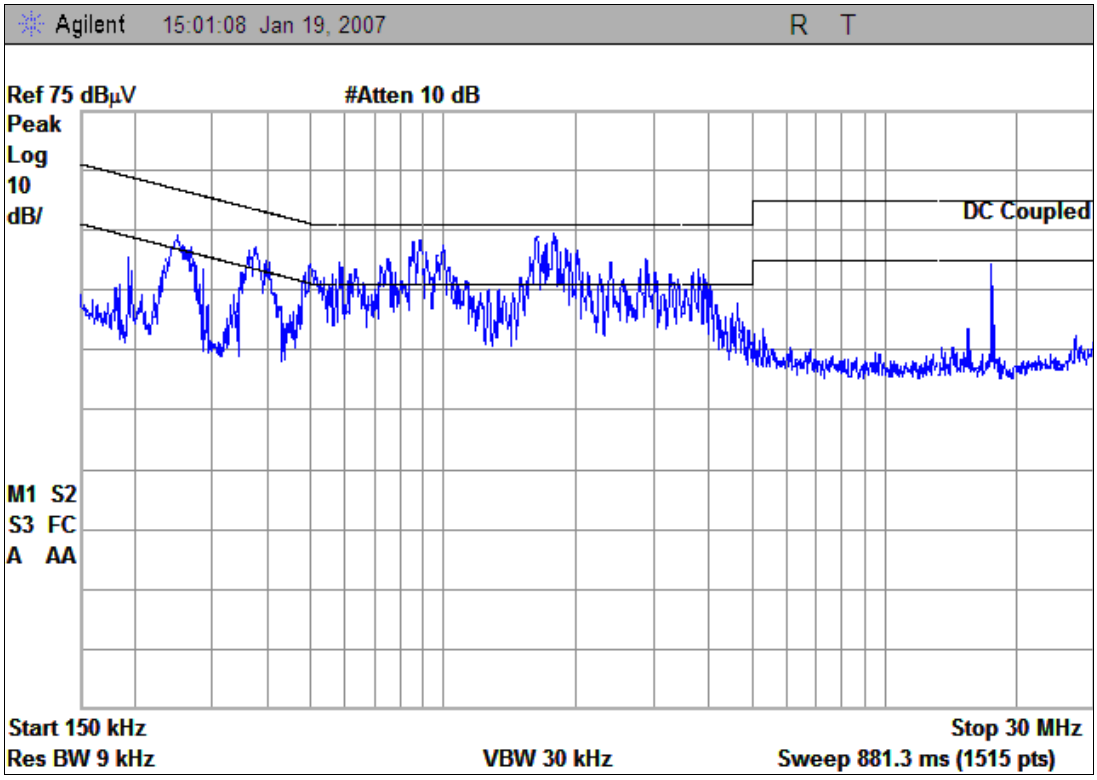
No.	@Frequency (MHz)	Measured Emission Level (dBμV)				Limit (dBμV)		Verdict
		PK	QP	AV	Phase	QP	AV	
1	0.2545	51.83	48.54	40.36	L	61.61	51.61	PASS
2	0.3768	46.32	42.56	32.79	L	58.35	48.35	PASS
3	0.5109	47.25	39.58	31.43	L	56.00	46.00	PASS

No.	@Frequency (MHz)	Measured Emission Level (dBμV)				Limit (dBμV)		Verdict
		PK	QP	AV	Phase	QP	AV	
4	0.7590	46.04	43.34	32.05	L	56.00	46.00	PASS
5	1.7830	52.45	47.70	30.74	L	56.00	46.00	PASS
6	17.740	30.83	25.30	19.22	L	60.00	50.00	PASS
7	0.2534	53.94	52.19	44.29	N	61.64	51.64	PASS
8	0.3794	52.06	50.51	29.43	N	58.30	48.30	PASS
9	0.5139	48.72	43.89	29.40	N	56.00	46.00	PASS
10	0.8853	53.54	52.10	42.65	N	56.00	46.00	PASS
11	1.7750	54.16	51.62	41.52	N	56.00	46.00	PASS
12	17.710	37.79	31.15	26.84	N	60.00	50.00	PASS

Test Plot



(Plot A: L Phase)



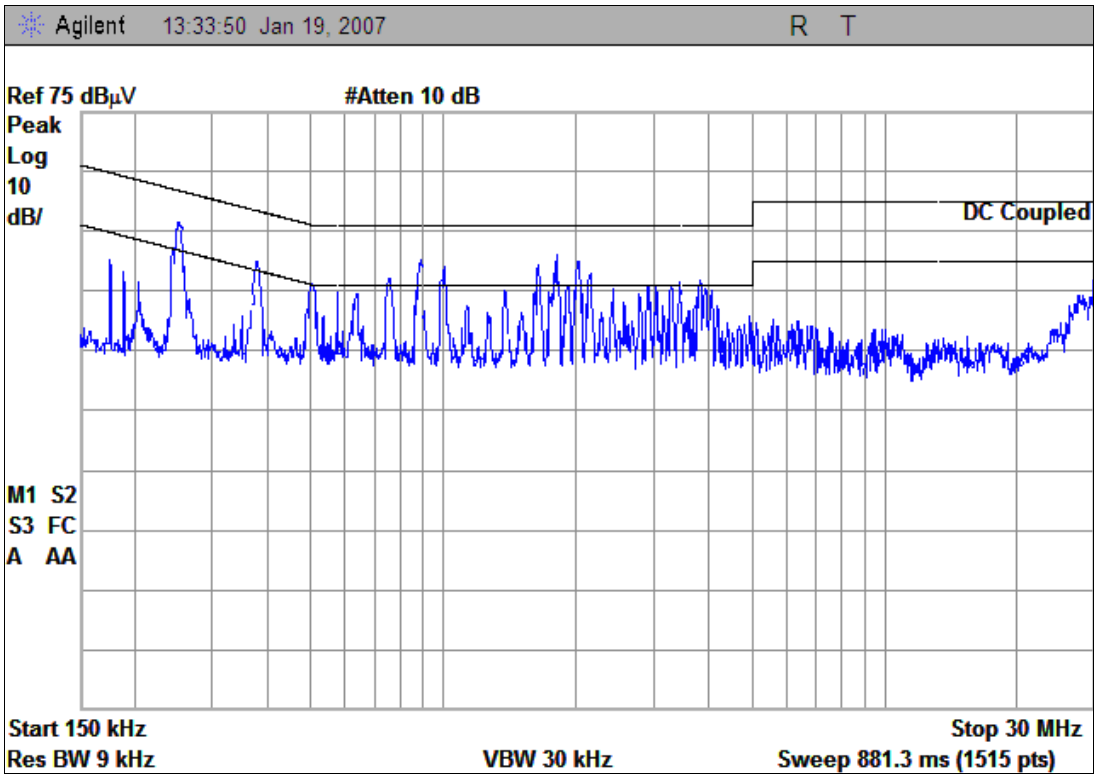
(Plot B: N Phase)

B. "CALL__MS_HS" Test Mode:

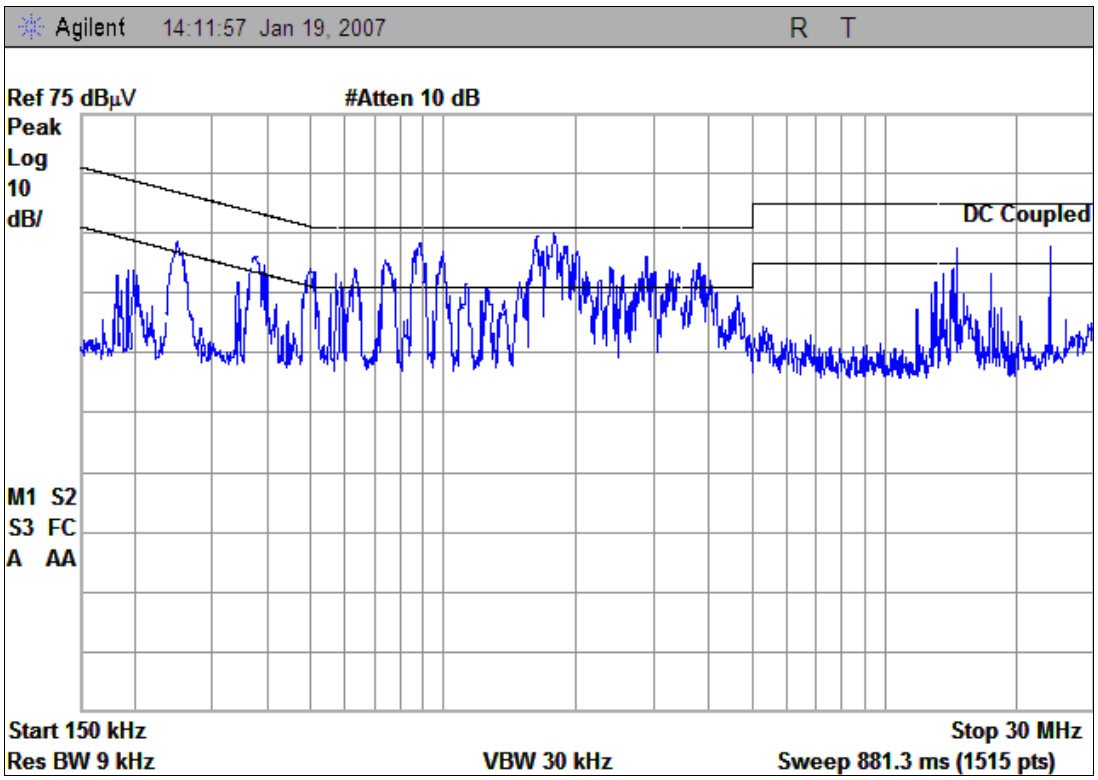
Test Verdict Recorded for Suspicious Points

No.	@Frequency (MHz)	Measured Emission Level (dBµV)				Limit (dBµV)		Verdict
		PK	QP	AV	Phase	QP	AV	
1	0.2531	53.63	52.02	44.55	N	61.65	51.65	PASS
2	0.3806	50.92	49.15	40.32	N	58.27	48.27	PASS
3	0.8839	53.46	48.83	42.96	N	56.00	46.00	PASS
4	1.6450	54.69	51.95	41.90	N	56.00	46.00	PASS
5	15.660	34.97	29.72	25.05	N	60.00	50.00	PASS
6	24.870	35.30	28.55	20.45	N	60.00	50.00	PASS
7	0.2544	52.42	49.06	41.42	L	61.61	51.61	PASS
8	0.3823	48.04	43.85	37.33	L	58.23	48.23	PASS
9	0.8890	50.19	46.43	38.39	L	56.00	46.00	PASS
10	1.6550	50.83	34.02	30.74	L	56.00	46.00	PASS
11	1.7790	52.04	47.56	32.58	L	56.00	46.00	PASS
12	2.0250	47.90	38.80	30.04	L	56.00	46.00	PASS

Test Plot



(Plot A: L Phase)



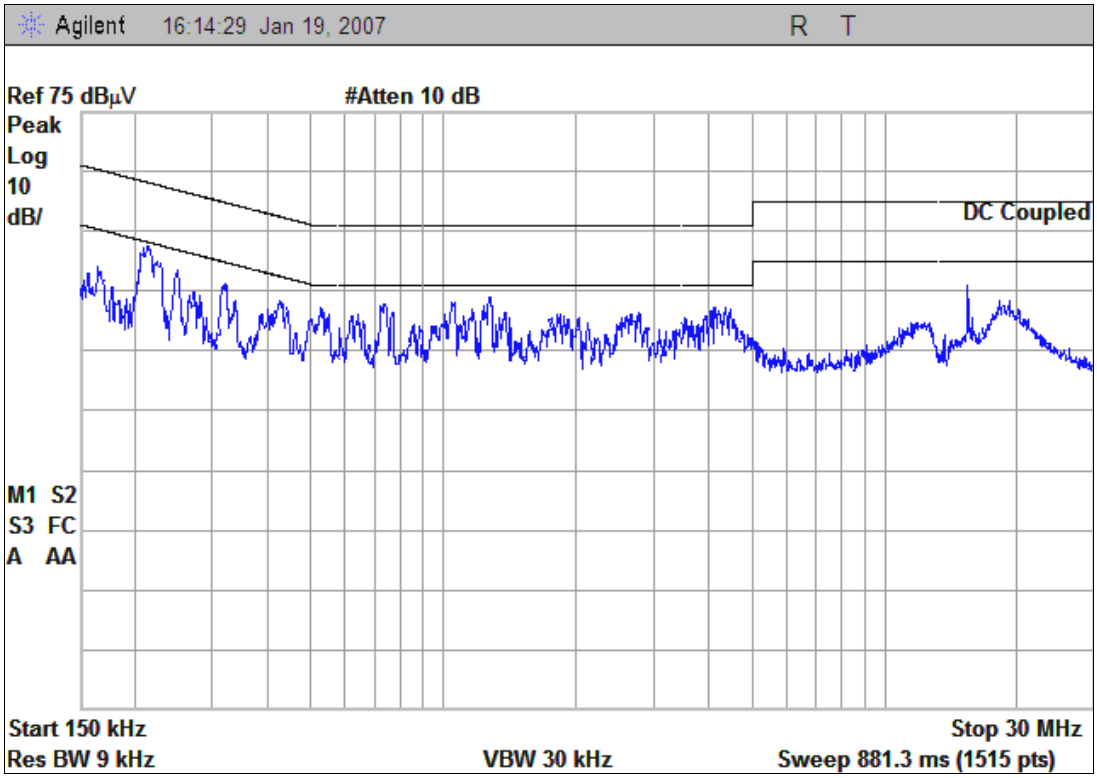
(Plot B: N Phase)

C. "USB__MS_PC" Test Mode:

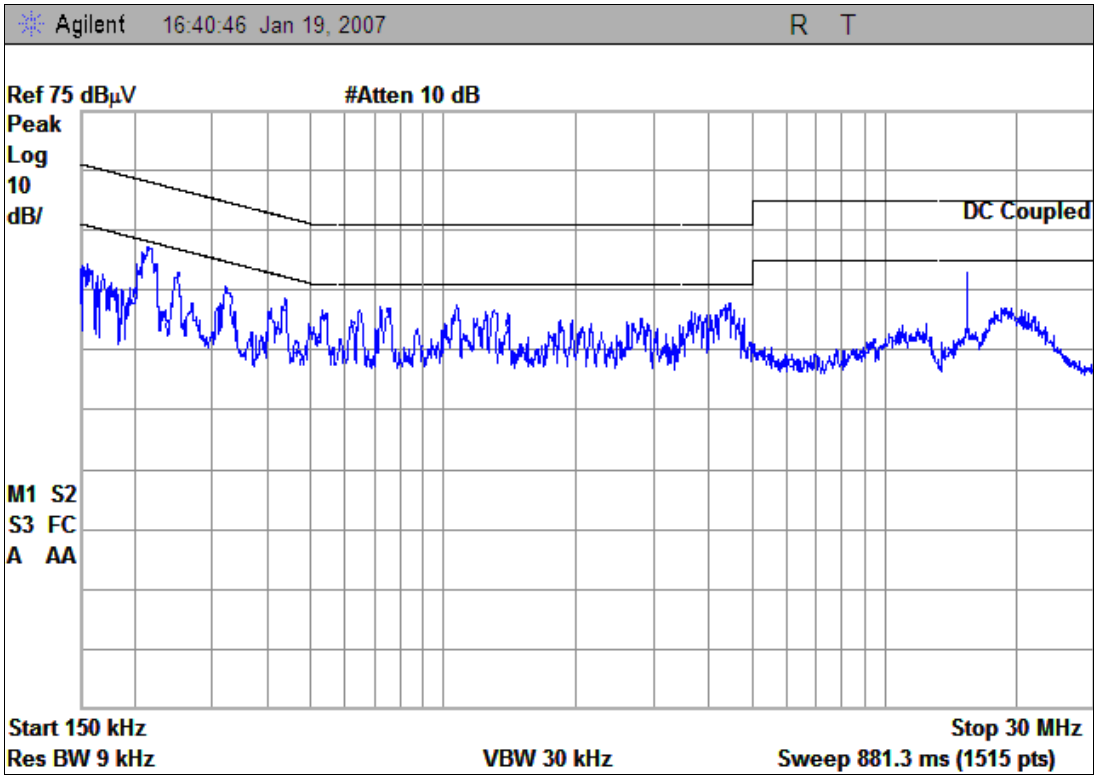
Test Verdict Recorded for Suspicious Points

No.	@Frequency (MHz)	Measured Emission Level (dBμV)				Limit (dBμV)		Verdict
		PK	QP	AV	Phase	QP	AV	
1	0.2122	51.86	45.79	34.94	N	63.12	53.12	PASS
2	0.4383	42.33	38.05	31.88	N	57.09	47.09	PASS
3	0.6621	40.93	36.27	30.07	N	56.00	46.00	PASS
4	1.3170	42.06	38.68	29.64	N	56.00	46.00	PASS
5	4.4680	38.79	32.93	26.59	N	56.00	46.00	PASS
6	13.850	38.11	36.55	35.33	N	60.00	50.00	PASS
7	0.2142	51.77	49.48	42.62	L	63.04	53.04	PASS
8	0.4229	40.86	34.49	31.58	L	57.39	47.39	PASS
9	0.7593	43.05	38.59	30.22	L	56.00	46.00	PASS
10	1.0780	43.61	40.29	31.30	L	56.00	46.00	PASS
11	4.5760	41.77	36.05	25.90	L	56.00	46.00	PASS
12	19.390	41.02	36.04	29.28	L	60.00	50.00	PASS

Test Plot



(Plot A: L Phase)



(Plot B: N Phase)

4.2 Radiated Emission

4.2.1 Requirement

According to FCC section 15.109, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency range (MHz)	Field Strength	
	μV/m	dBμV/m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

NOTE:

a) Field Strength (dBμV/m) = 20*log[Field Strength (μV/m)].

b) In the emission tables above, the tighter limit applies at the band edges.

4.2.2 Test Description

See section 3.2.2 of this report.

4.2.3 Test Result

The maximum radiated emission is searched using PK, QP and AV detectors; the emission levels more than the limits, and that have narrow margins from the limits will be re-measured with AV and QP detectors. Both the vertical and the horizontal polarizations of the Test Antenna are considered to perform the tests. All test modes are considered, refer to recorded points and plots below.

A. "CALL__MS_BTHS " Test Mode:

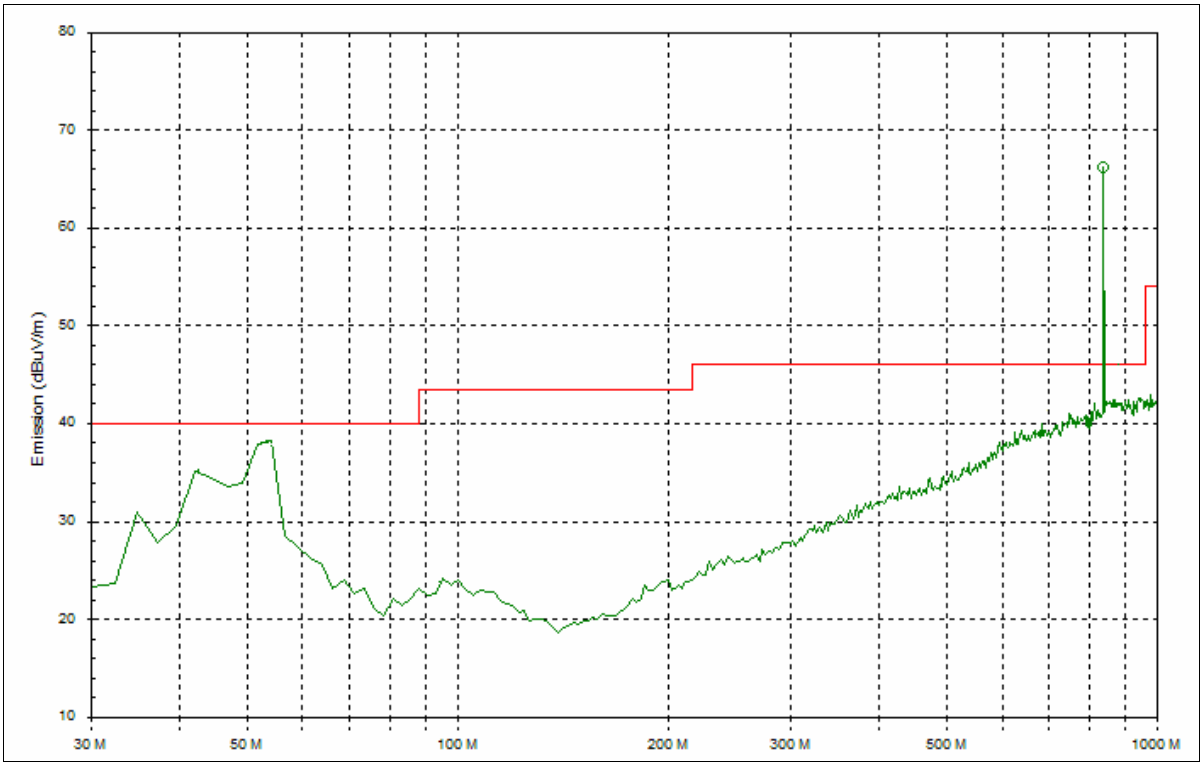
Test Verdict Recorded for Suspicious Points

No.	@Frequency (MHz)	Emission Level (dBμV/m)			Quasi-Peak Limit (dBμV/m)	Result
		PK	QK	Antenna Polarization		
1	54.250	38.26	---	Vertical	40.0	PASS
2	42.125	35.09	---	Vertical	40.0	PASS
3	34.85	30.9	---	Vertical	40.0	PASS
4	95.475	24.16	---	Vertical	43.5	PASS
5	(n.a.)	(n.a.)	(n.a.)	Vertical	(n.a.)	PASS
6	(n.a.)	(n.a.)	(n.a.)	Vertical	(n.a.)	PASS
7	54.250	24.23	---	Horizontal	40.0	PASS
8	(n.a.)	(n.a.)	(n.a.)	Horizontal	(n.a.)	PASS

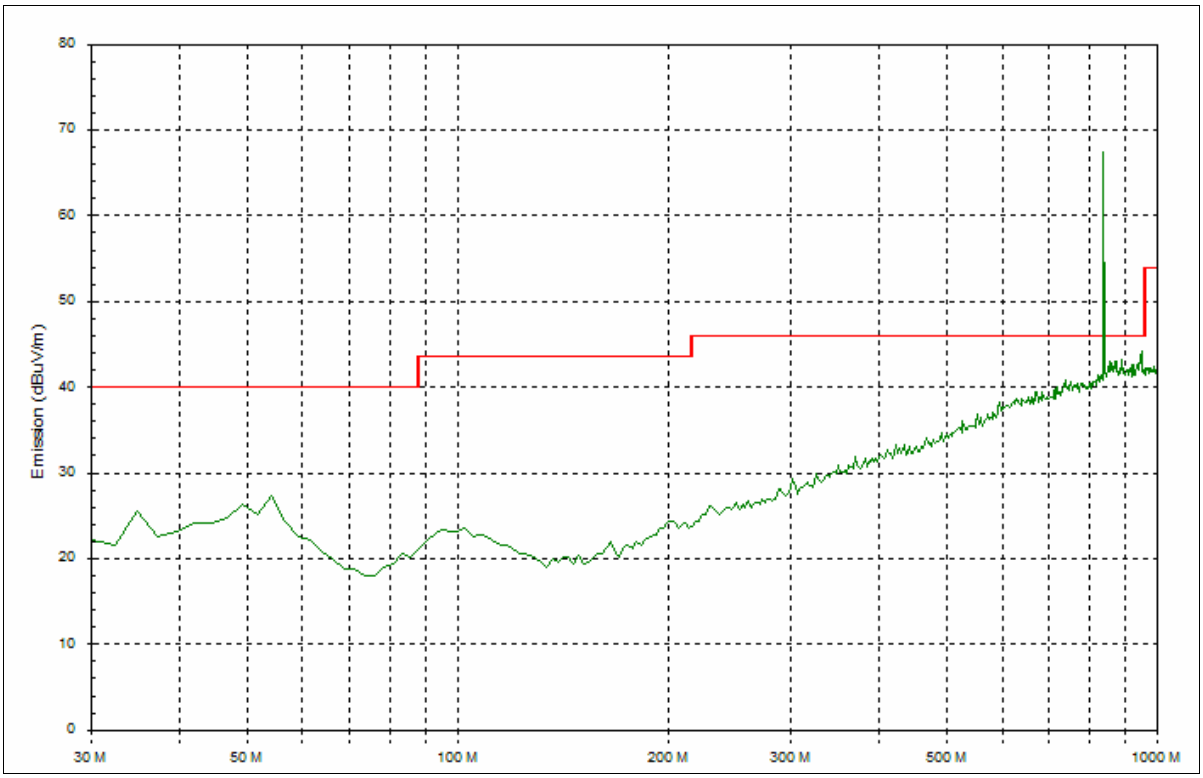
No.	@Frequency (MHz)	Emission Level (dBμV/m)			Quasi-Peak Limit (dBμV/m)	Result
		PK	QK	Antenna Polarization		
9	(n.a.)	(n.a.)	(n.a.)	Horizontal	(n.a.)	PASS
10	(n.a.)	(n.a.)	(n.a.)	Horizontal	(n.a.)	PASS
11	(n.a.)	(n.a.)	(n.a.)	Horizontal	(n.a.)	PASS
12	(n.a.)	(n.a.)	(n.a.)	Horizontal	(n.a.)	PASS

Test Plot

Note: Following is the plots for emission measurement; please note that marked spikes with circle should be ignored because they are MS and SS carrier frequency.



(Plot A: Test Antenna Vertical)



(Plot B: Test Antenna Horizontal)

B. "CALL__MS_HS" Test Mode:

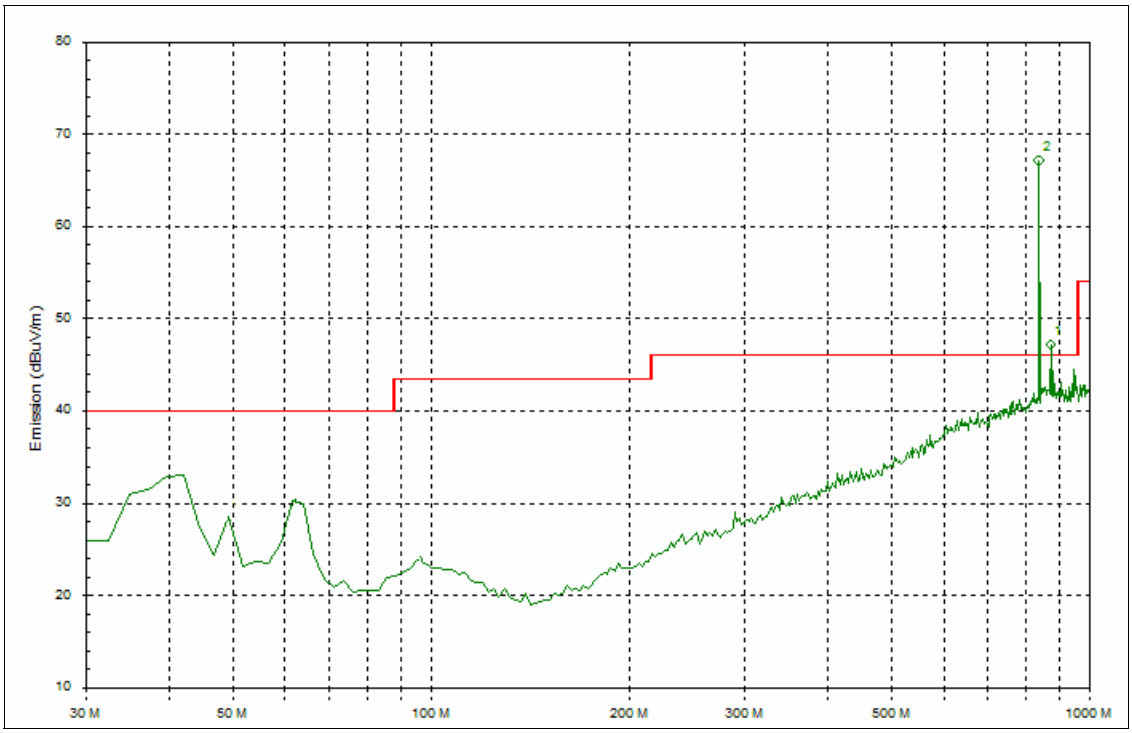
Test Verdict Recorded for Suspicious Points

No.	@Frequency (MHz)	Emission Level (dBμV/m)			Quasi-Peak Limit (dBμV/m)	Result
		PK	QK	Antenna Polarization		
1	42.125	32.99	---	Vertical	40.0	PASS
2	49.400	28.58	---	Vertical	40.0	PASS
3	61.525	30.18	---	Vertical	40.0	PASS
4	95.475	23.78	---	Vertical	43.5	PASS
5	(n.a.)	(n.a.)	(n.a.)	Vertical	(n.a.)	PASS
6	(n.a.)	(n.a.)	(n.a.)	Vertical	(n.a.)	PASS
7	49.400	27.35	---	Horizontal	40.0	PASS
8	56.675	24.41	---	Horizontal	40.0	PASS
9	63.950	24.26	---	Horizontal	40.0	PASS
10	100.325	24.24	---	Horizontal	43.5	PASS
11	(n.a.)	(n.a.)	(n.a.)	Horizontal	(n.a.)	PASS
12	(n.a.)	(n.a.)	(n.a.)	Horizontal	(n.a.)	PASS

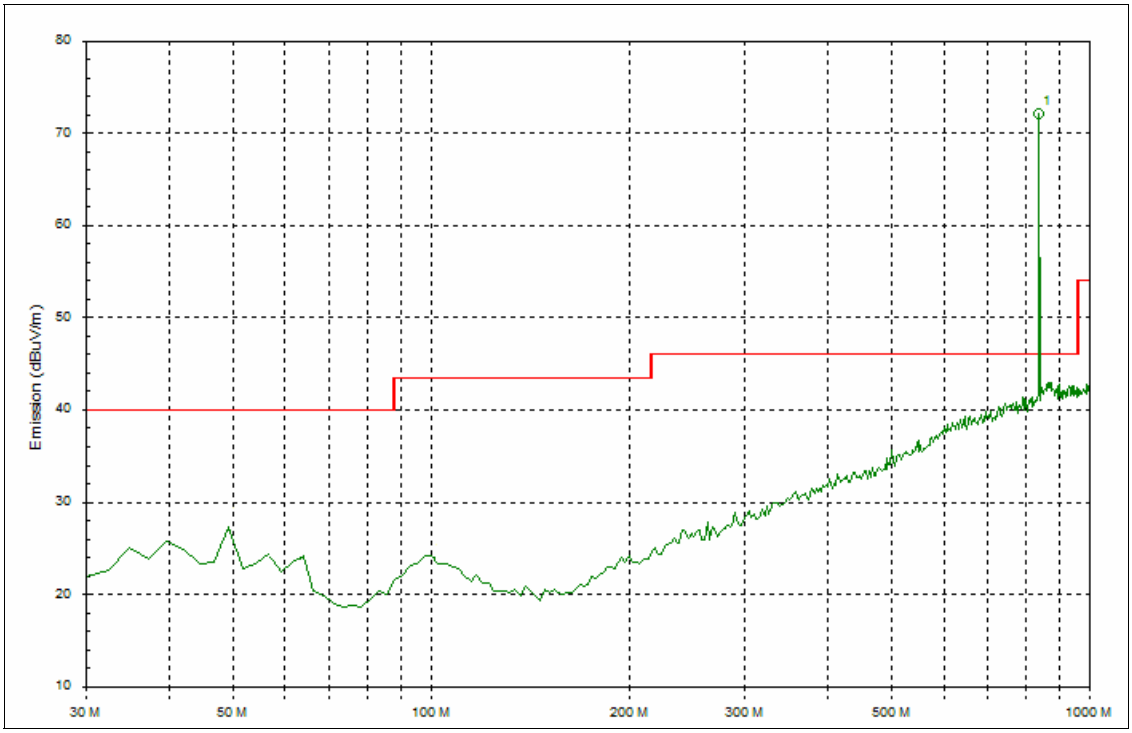
Test Plot

Note: Following is the plots for emission measurement; please note that marked spikes with circle

should be ignored because they are MS and SS carrier frequency.



(Plot A: Test Antenna Vertical)



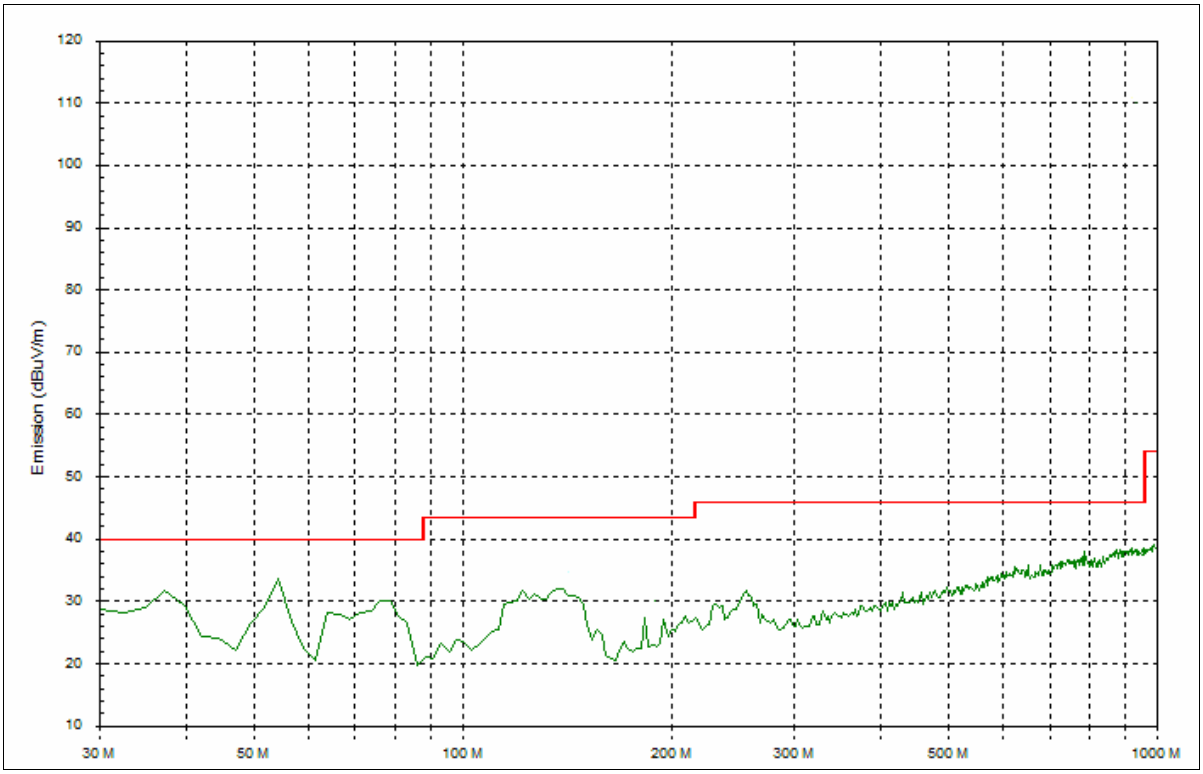
(Plot B: Test Antenna Horizontal)

C. "USB__MS_PC" Test Mode:

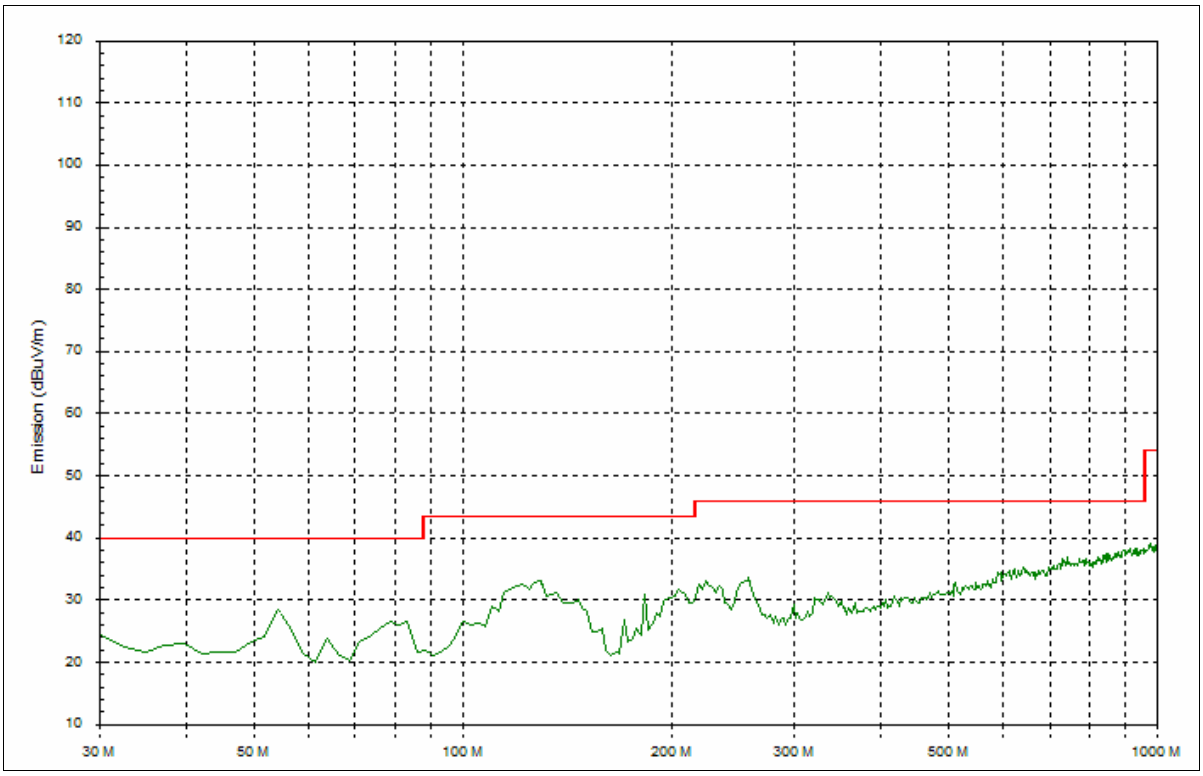
Test Verdict Recorded for Suspicious Points

No.	@Frequency (MHz)	Emission Level (dBμV/m)			Quasi-Peak Limit (dBμV/m)	Result
		PK	QK	Antenna Polarization		
1	54.25	33.53	---	Vertical	40.0	PASS
2	136.70	32.15	---	Vertical	43.5	PASS
3	182.78	27.49	---	Vertical	43.5	PASS
4	(n.a.)	(n.a.)	(n.a.)	Vertical	(n.a.)	PASS
5	(n.a.)	(n.a.)	(n.a.)	Vertical	(n.a.)	PASS
6	(n.a.)	(n.a.)	(n.a.)	Vertical	(n.a.)	PASS
7	54.25	28.47	---	Horizontal	40.0	PASS
8	129.43	33.09	---	Horizontal	43.5	PASS
9	182.78	30.81	---	Horizontal	43.5	PASS
10	(n.a.)	(n.a.)	(n.a.)	Horizontal	(n.a.)	PASS
11	(n.a.)	(n.a.)	(n.a.)	Horizontal	(n.a.)	PASS
12	(n.a.)	(n.a.)	(n.a.)	Horizontal	(n.a.)	PASS

Test Plot



(Plot A: Test Antenna Vertical)



(Plot B: Test Antenna Horizontal)

** END OF REPORT **