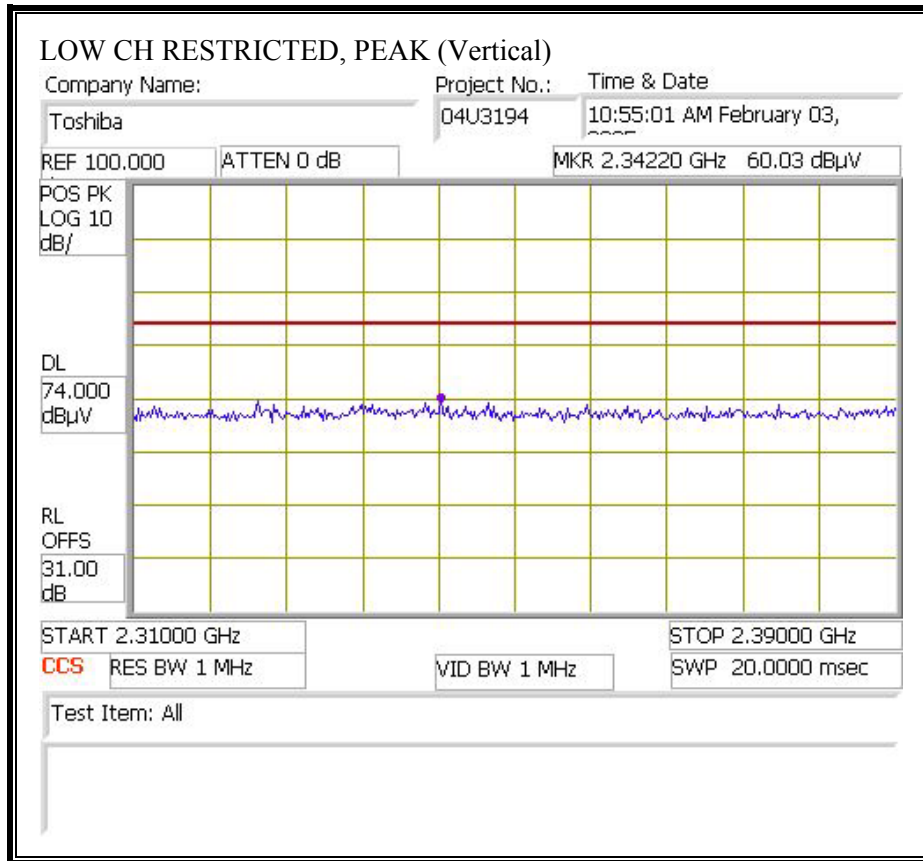
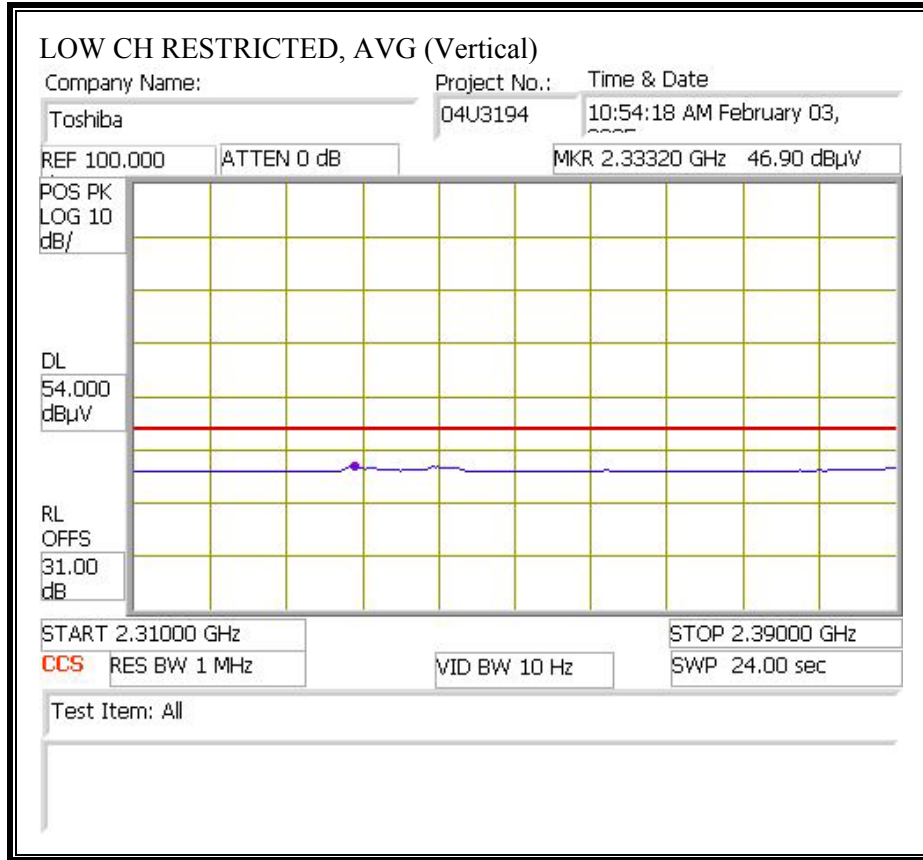
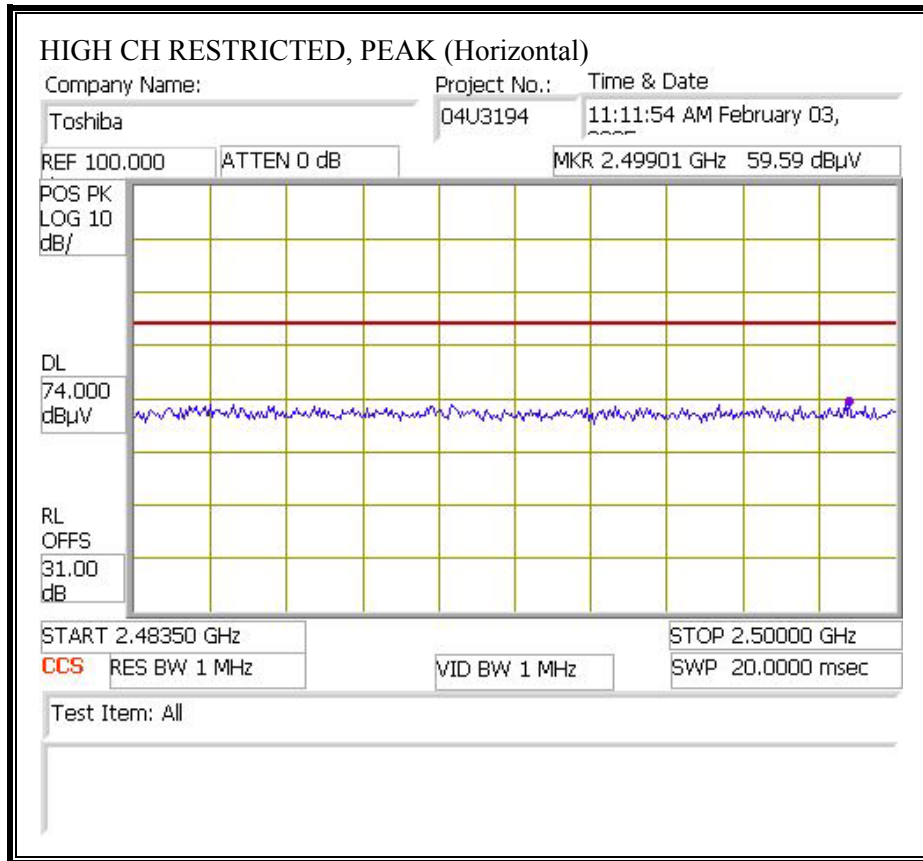


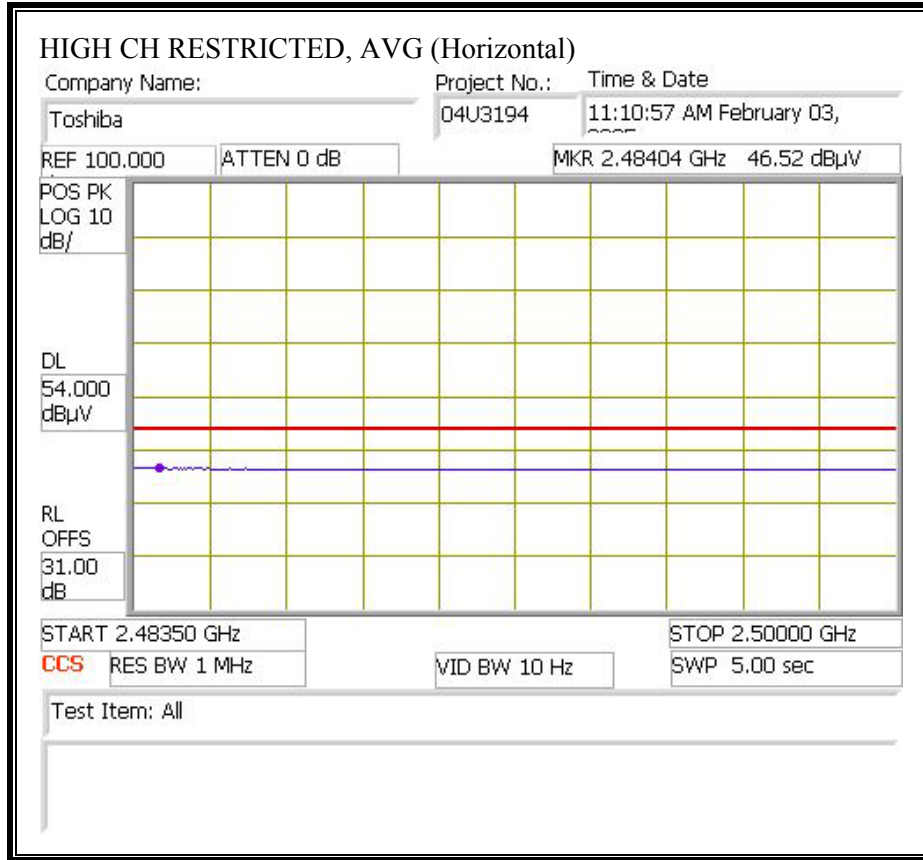
**WORST-CASE RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)**



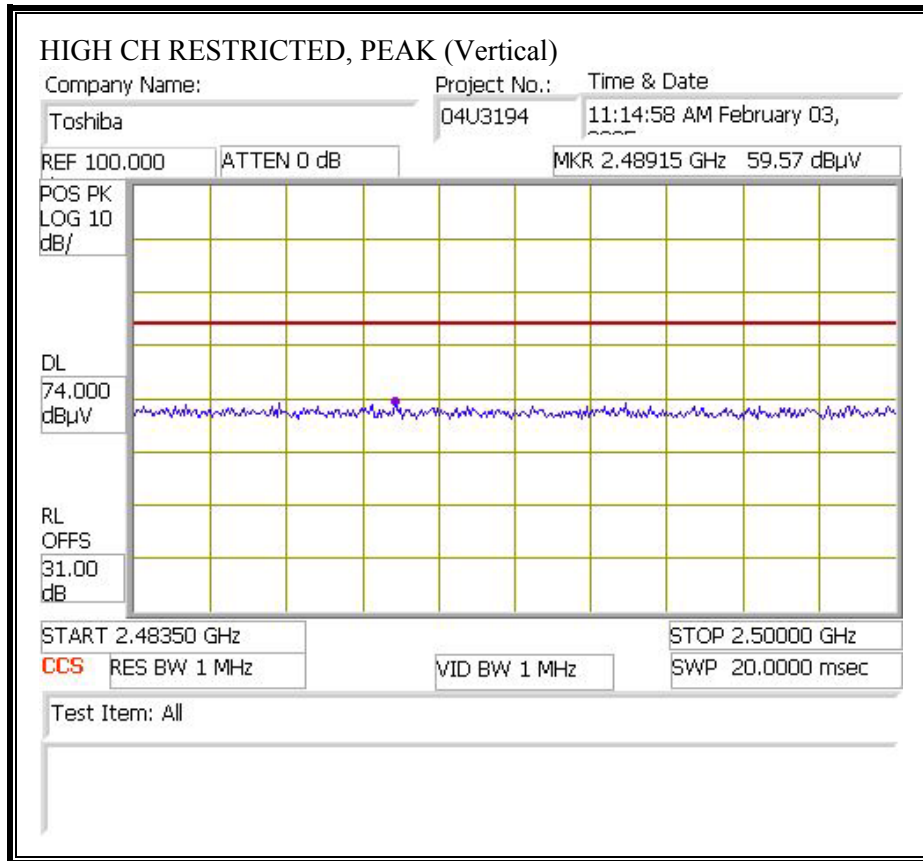


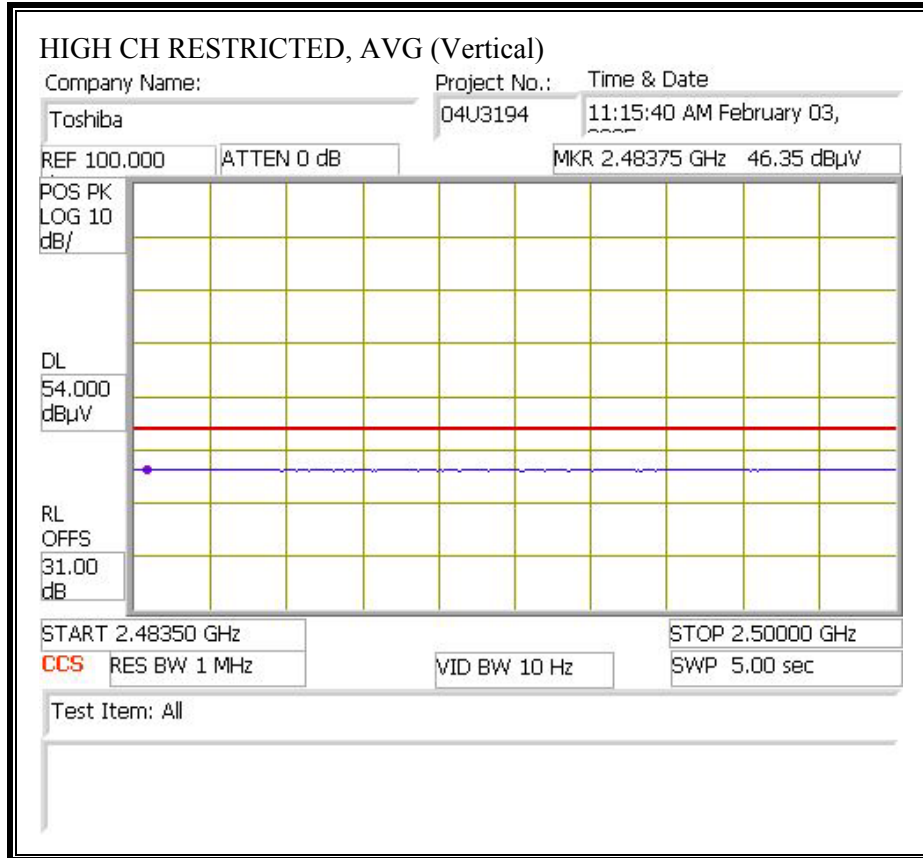
**WORST-CASE RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)**





**WORST-CASE RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)**





**WORST-CASE HARMONICS AND SPURIOUS EMISSIONS**

02/04/05 High Frequency Measurement  
 Compliance Certification Services, Morgan Hill Open Field Site

Test Engr: David Garcia  
 Project #: 04U3194-1  
 Company: Toshiba  
 EUT Descrip.: 802.11b/g Half Size Mini-PCI WLAN Module  
 EUT M/N: PA3426U-1MPC  
 Test Target: FCC 15.247  
 Mode Oper: Tx\_g mode\_antenna HTL017 WLAN and Bluetooth, BC02 Co-location ( Worst Case ), portable

**Test Equipment:**

EMCO Horn 1-18GHz T73; S/N: 6717 @3m	Pre-amplifier 1-26GHz T87 Miteq 924342	Pre-amplifier 26-40GHz	Horn > 18GHz	Limit FCC 15.205
---	---	------------------------	--------------	---------------------

Hi Frequency Cables

2 foot cable	3 foot cable 3_David	4 foot cable	12 foot cable 12_Yan	HPF HPF_4.0GHz	Reject Filter
--------------	-------------------------	--------------	-------------------------	-------------------	---------------

Peak Measurements  
 RBW=VBW=1MHz

Average Measurements  
 RBW=1MHz, VBW=10Hz

f GHz	Dist (m)	Read Pk dBuV	Read Avg. dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	Filtr dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)
mid ch															
4.874	3.0	51.7	36.8	32.9	4.6	-39.6	0.0	0.6	50.3	35.4	74	54	-23.7	-18.6	V
7.311	3.0	54.0	40.4	35.8	5.7	-40.3	0.0	0.6	55.9	42.3	74	54	-18.1	-11.7	V
12.185	3.0	42.0	33.5	38.8	8.2	-39.3	0.0	0.9	50.6	42.1	74	54	-23.4	-11.9	V
4.874	3.0	49.6	36.0	32.9	4.6	-39.6	0.0	0.6	48.2	34.6	74	54	-25.8	-19.4	H
7.311	3.0	52.4	39.3	35.8	5.7	-40.3	0.0	0.6	54.3	41.2	74	54	-19.7	-12.8	H
12.185	3.0	41.2	32.5	38.8	8.2	-39.3	0.0	0.9	49.8	41.1	74	54	-24.2	-12.9	H

Note: No other emissions were detected above the system noise floor.

f	Measurement Frequency	Amp	Preamp Gain	Avg Lim	Average Field Strength Limit
Dist	Distance to Antenna	D Corr	Distance Correct to 3 meters	Pk Lim	Peak Field Strength Limit
Read	Analyzer Reading	Avg	Average Field Strength @ 3 m	Avg Mar	Margin vs. Average Limit
AF	Antenna Factor	Peak	Calculated Peak Field Strength	Pk Mar	Margin vs. Peak Limit
CL	Cable Loss	HPF	High Pass Filter		

## **7.2.5 CO-LOCATED TRANSMITTER RADIATED EMISSIONS ABOVE 1 GHz, WITH ANTENNA HTL004 IN FIREBOLT**

Worst-case configurations are determined as:

Lower bandedge: WLAN in g mode at low channel and Bluetooth at low channel;

Upper bandedge: WLAN in g mode at high channel and Bluetooth at high channel;

Harmonics and spurious emissions: WLAN in g mode at mid channel and Bluetooth at mid channel.

### **7.2.5.1 STAND-ALONE CONFIGURATION, WITH BLUETOOTH BC04**

Not applicable. The BT has no extended card to use to be tested for this configuration. Please see 7.2.5.2 for reference.

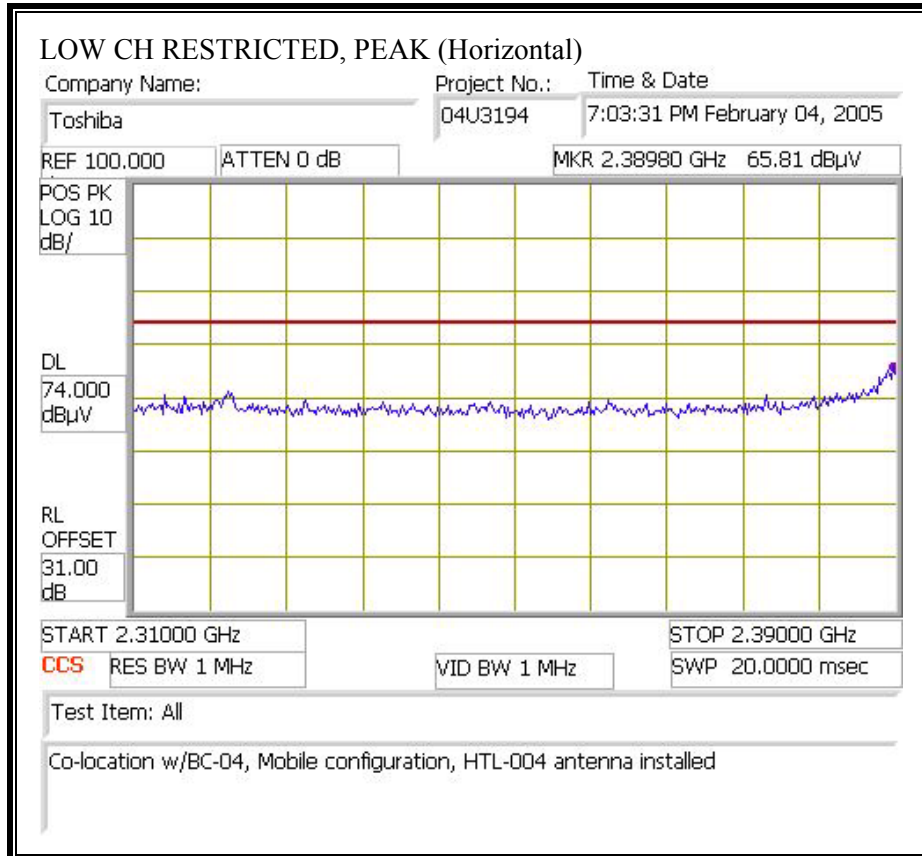


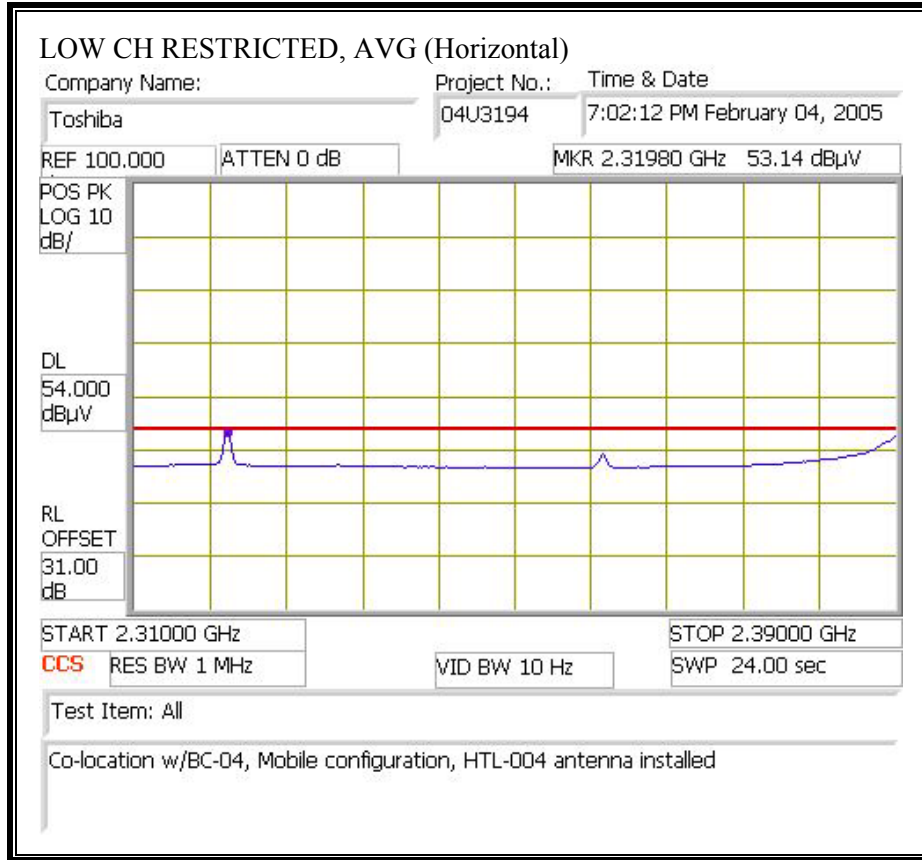
### 7.2.5.2 MOBILE CONFIGURATION, WITH BLUETOOTH BC04

No non-compliance noted:

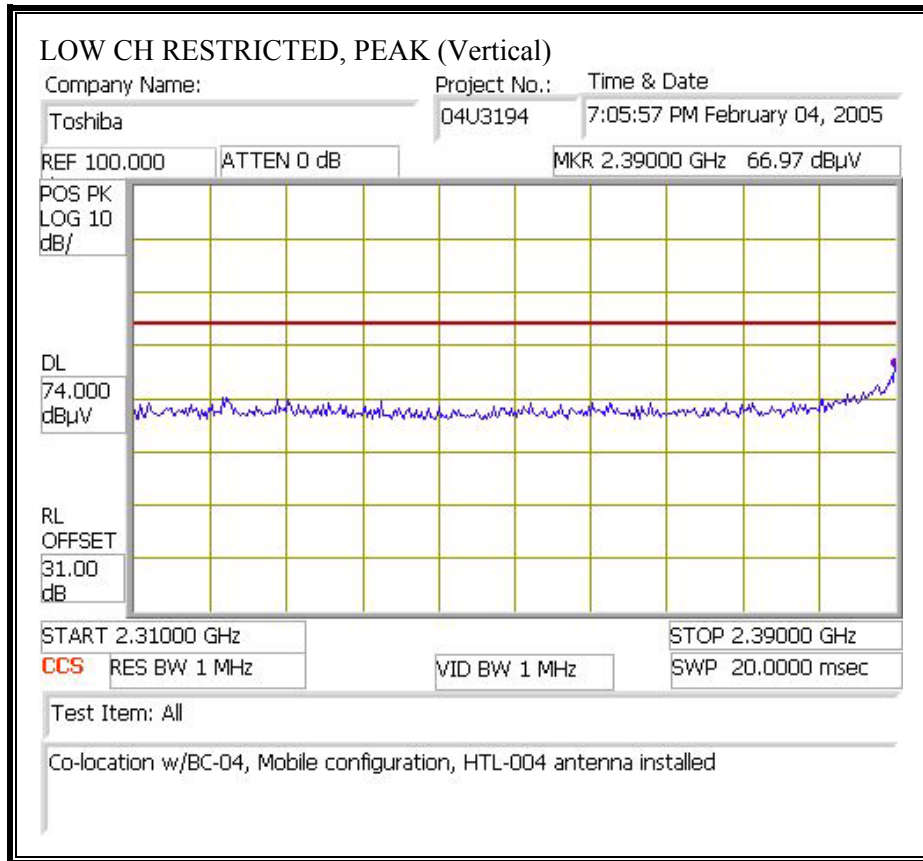
The dominant transmitter is the WLAN and the non-dominant transmitter is the Bluetooth

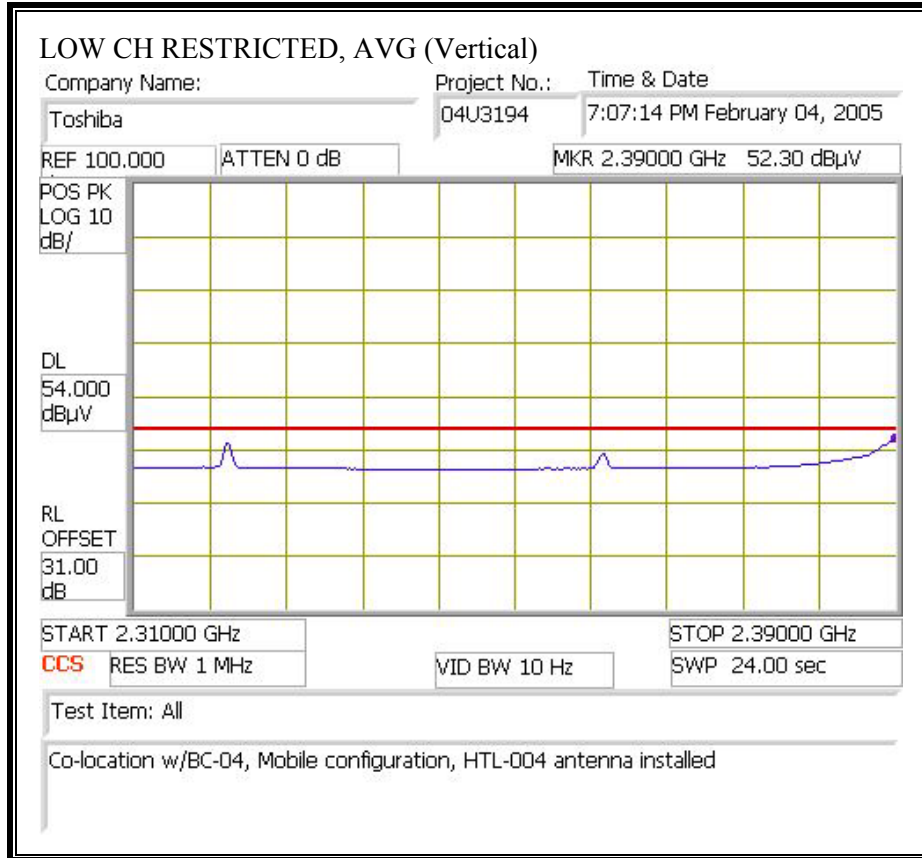
#### WORST-CASE RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)



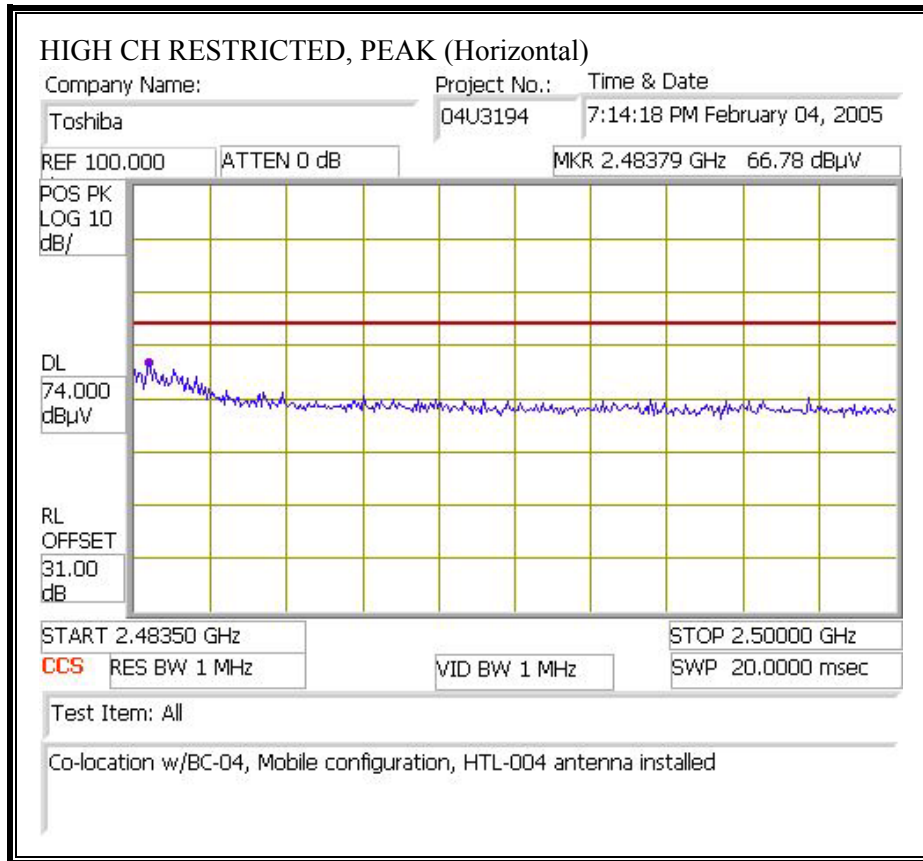


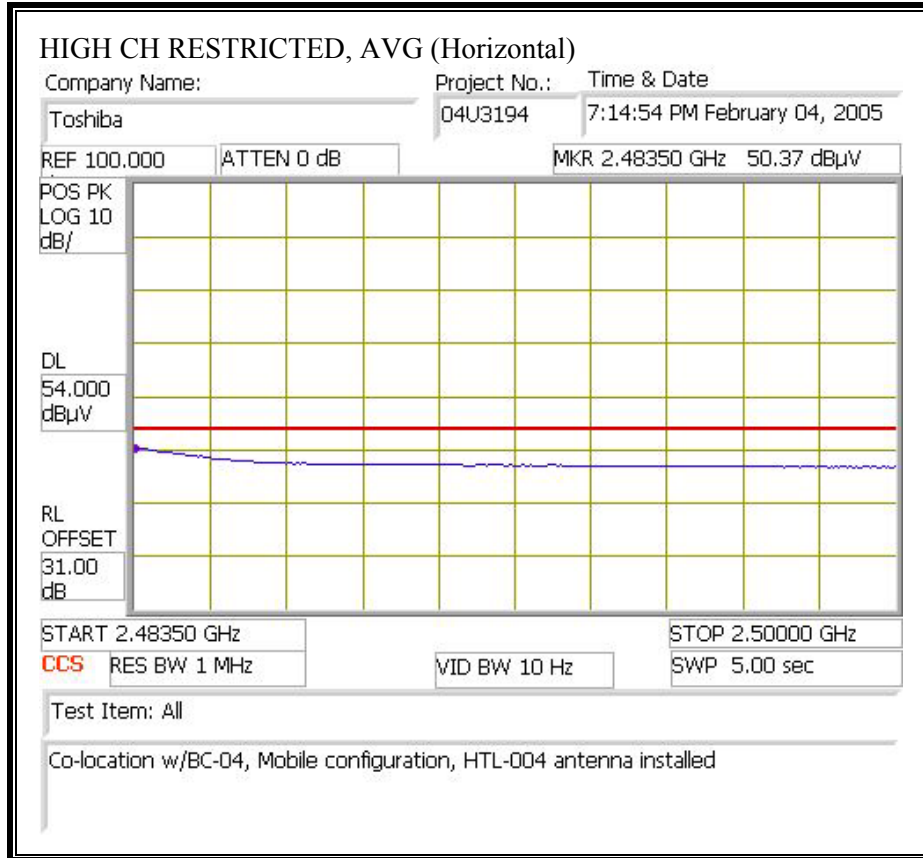
**WORST-CASE RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)**



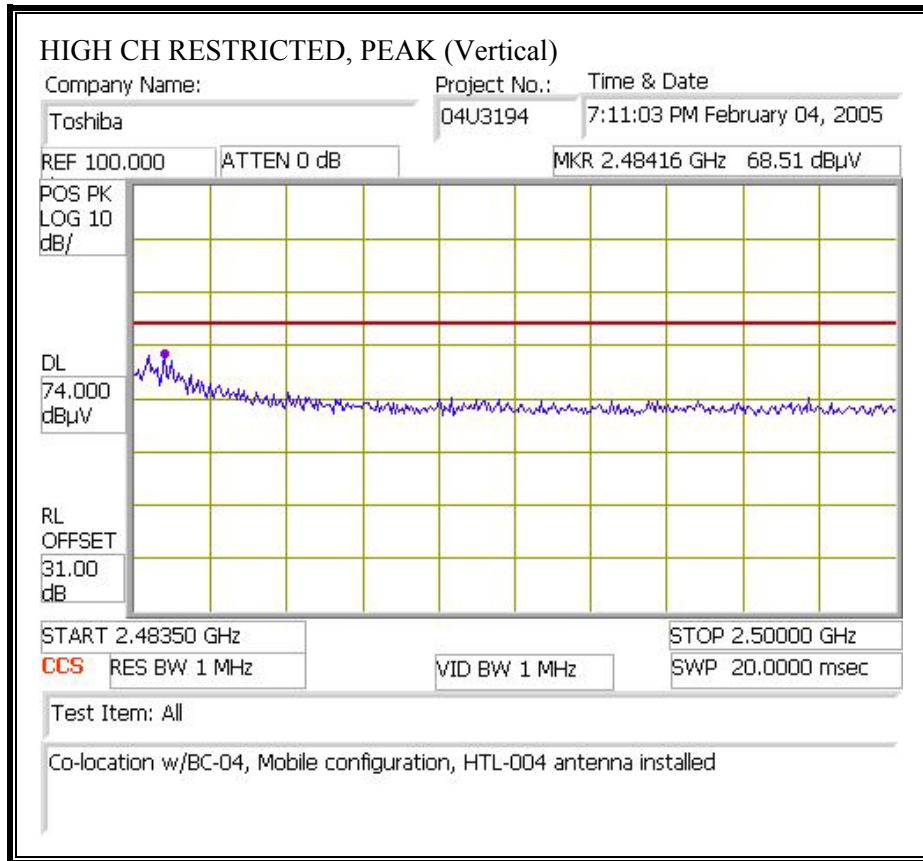


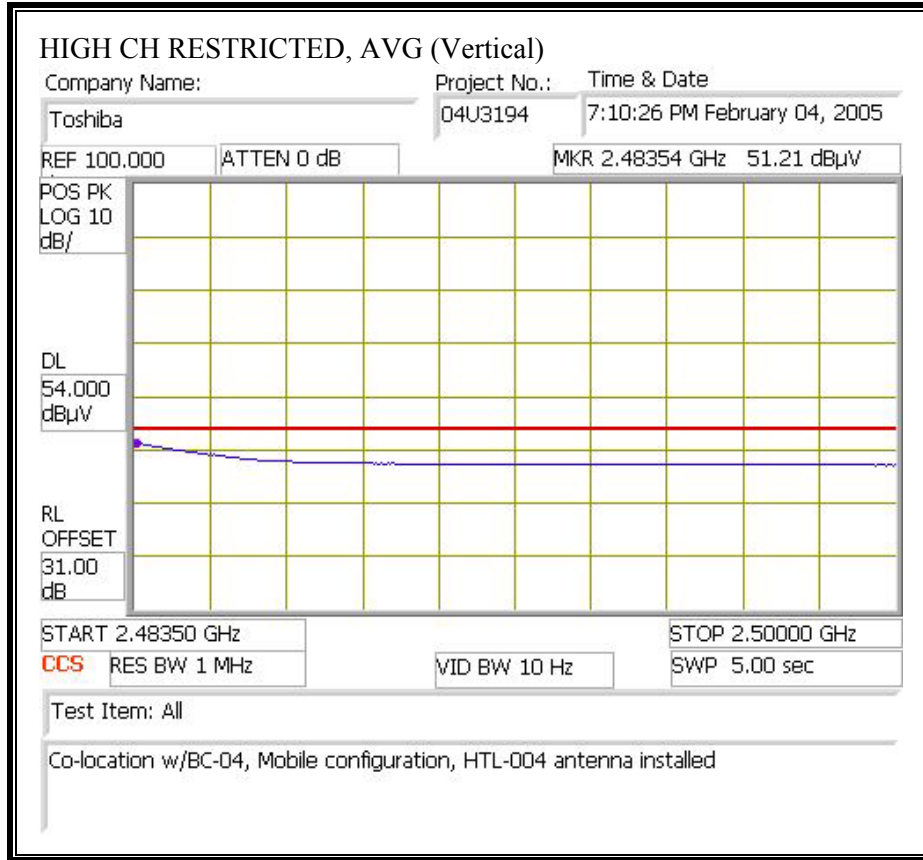
**WORST-CASE RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)**





**WORST-CASE RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)**







**WORST-CASE HARMONICS AND SPURIOUS EMISSIONS**

02/04/05 High Frequency Measurement  
 Compliance Certification Services, Morgan Hill Open Field Site

Test Engr: David Garcia  
 Project #: 04U3194  
 Company: Toshiba  
 EUT Descrip.: 802.11b/g Half Size Mini-PCI WLAN Module  
 EUT M/N: PA3426U-1MPC  
 Test Target: FCC 15.247  
 Mode Oper: Tx\_mode\_antenna HTL004\_WLAN and BT BC04 Co-location, Mobile

**Test Equipment:**

EMCO Horn 1-18GHz T73; S/N: 6717 @3m	Pre-amplifier 1-26GHz T87 Miteq 924342	Pre-amplifier 26-40GHz	Horn > 18GHz	Limit FCC 15.205
---	---	------------------------	--------------	---------------------

Hi Frequency Cables

2 foot cable	3 foot cable	4 foot cable 4_David	12 foot cable 12_Yan	HPF HPF_4.0GHz	Reject Filter
--------------	--------------	-------------------------	-------------------------	-------------------	---------------

Peak Measurements  
 RBW=VBW=1MHz

Average Measurements  
 RBW=1MHz, VBW=10Hz

f GHz	Dist (m)	Read Pk dBuV	Read Avg dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	Filtr dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)
<b>2.437 GHz Channel</b>															
4.874	3.0	49.0	36.6	32.9	4.9	-39.6	0.0	0.6	47.8	35.4	74	54	-26.2	-18.6	V
7.311	3.0	52.0	42.4	35.8	6.0	-40.3	0.0	0.6	54.1	44.5	74	54	-19.9	-9.5	V
4.874	3.0	47.9	35.5	32.9	4.9	-39.6	0.0	0.6	46.7	34.3	74	54	-27.3	-19.7	H
7.311	3.0	50.5	43.0	35.8	6.0	-40.3	0.0	0.6	52.6	45.1	74	54	-21.4	-8.9	H

Note: No other emissions were detected above the system noise floor.

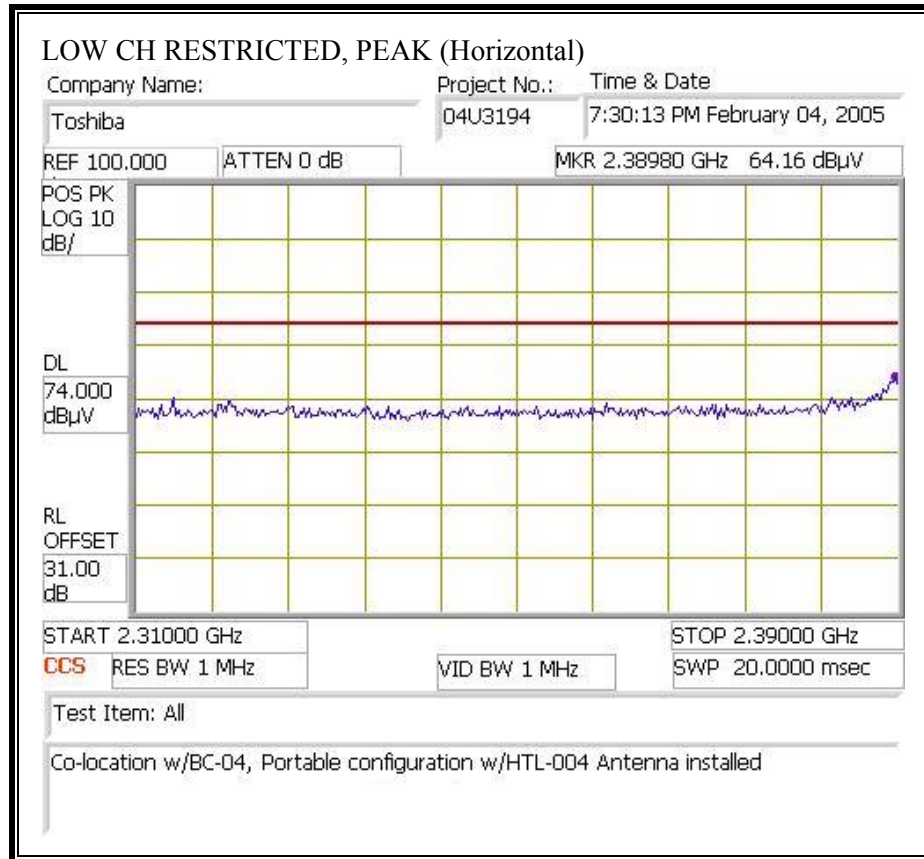
f	Measurement Frequency	Amp	Preamp Gain	Avg Lim	Average Field Strength Limit
Dist	Distance to Antenna	D Corr	Distance Correct to 3 meters	Pk Lim	Peak Field Strength Limit
Read	Analyzer Reading	Avg	Average Field Strength @ 3 m	Avg Mar	Margin vs. Average Limit
AF	Antenna Factor	Peak	Calculated Peak Field Strength	Pk Mar	Margin vs. Peak Limit
CL	Cable Loss	HPF	High Pass Filter		

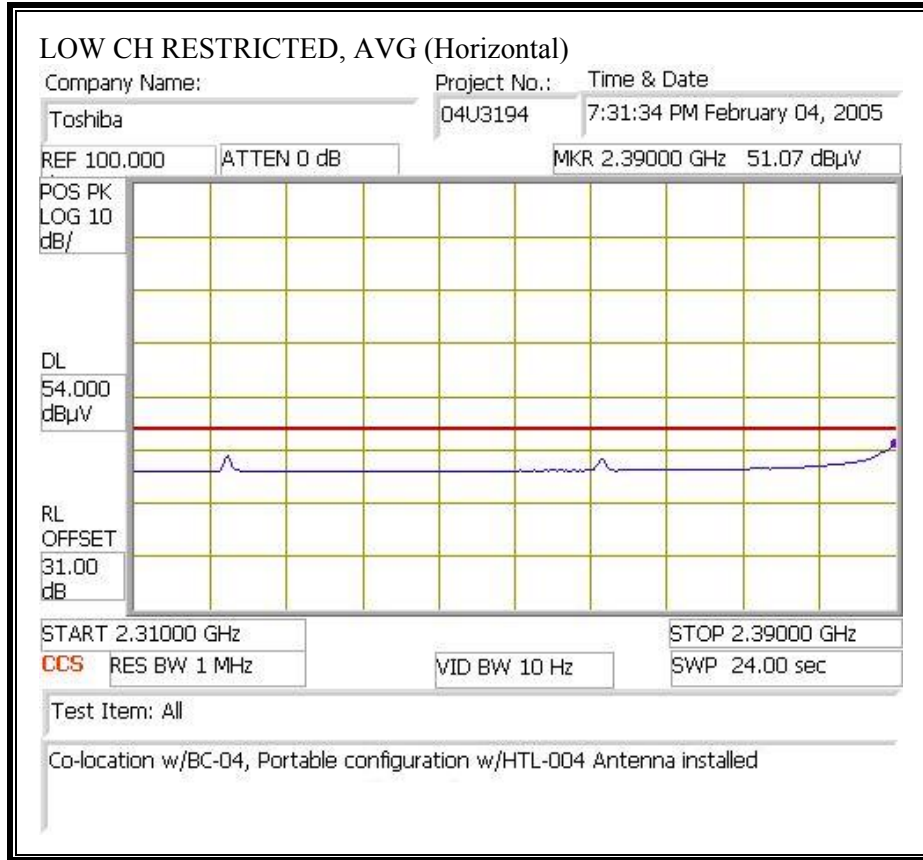
### 7.2.5.3 PORTABLE CONFIGURATION, WITH BLUETOOTH BC04

No non-compliance noted:

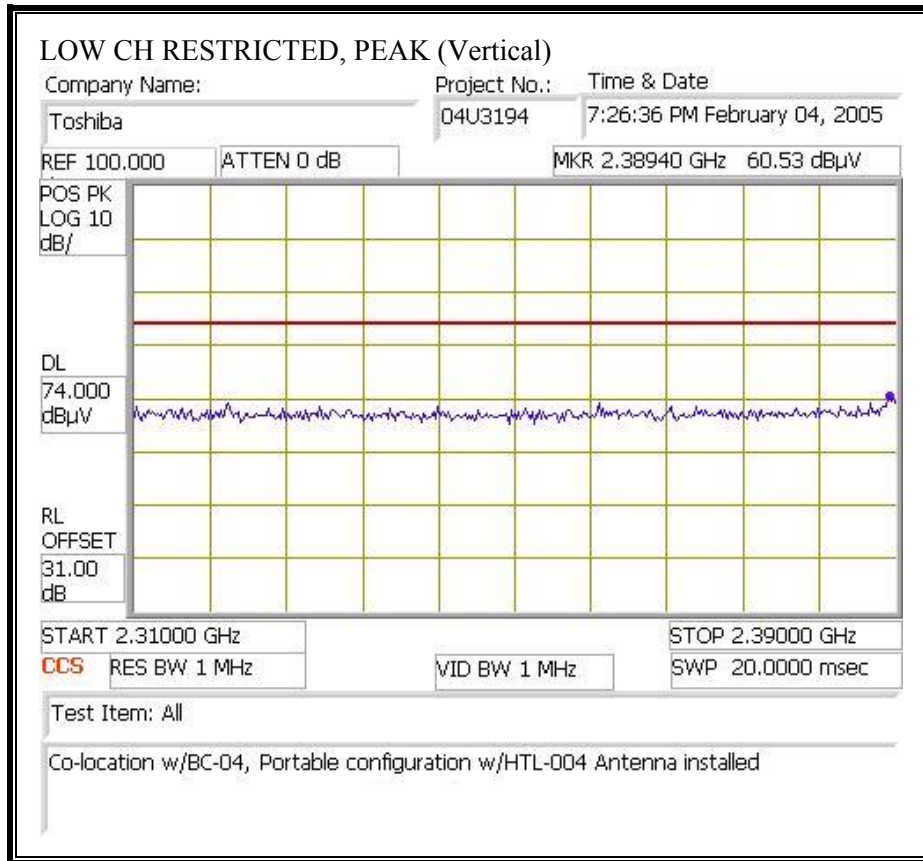
The dominant transmitter is the WLAN and the non-dominant transmitter is the Bluetooth

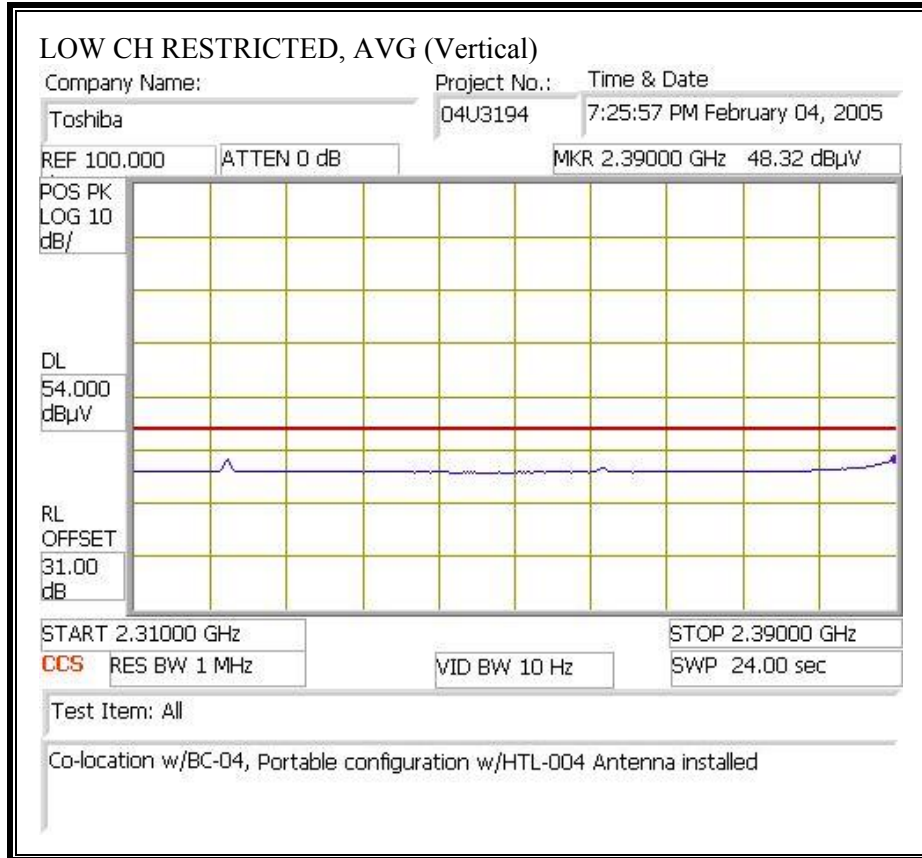
#### WORST-CASE RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)



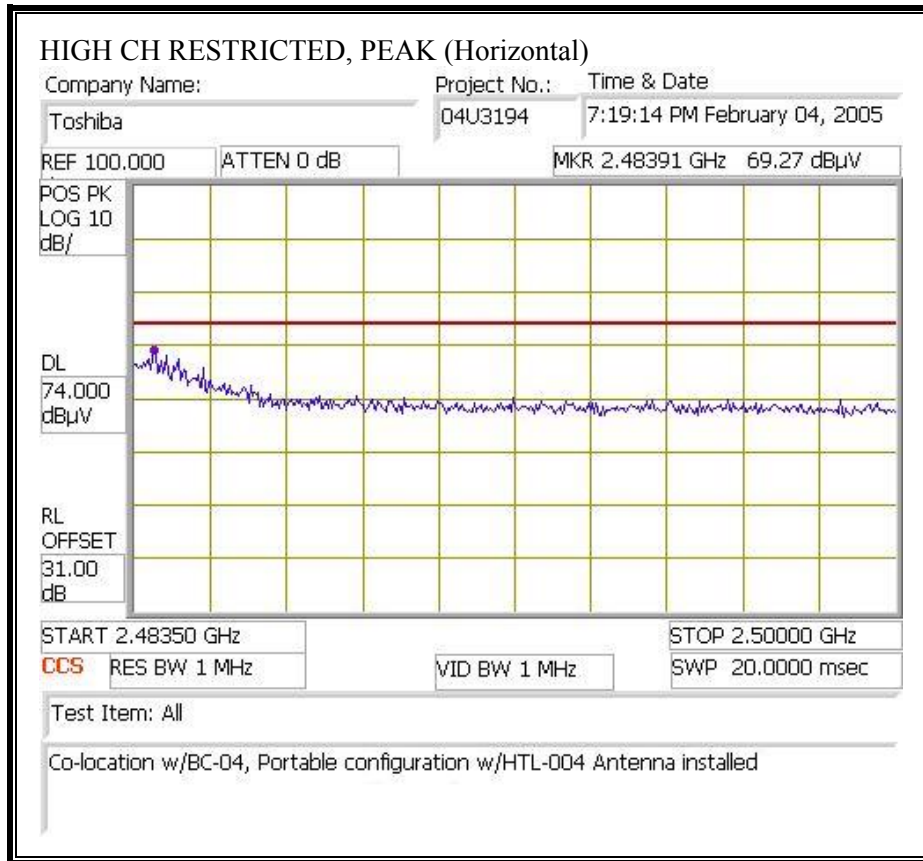


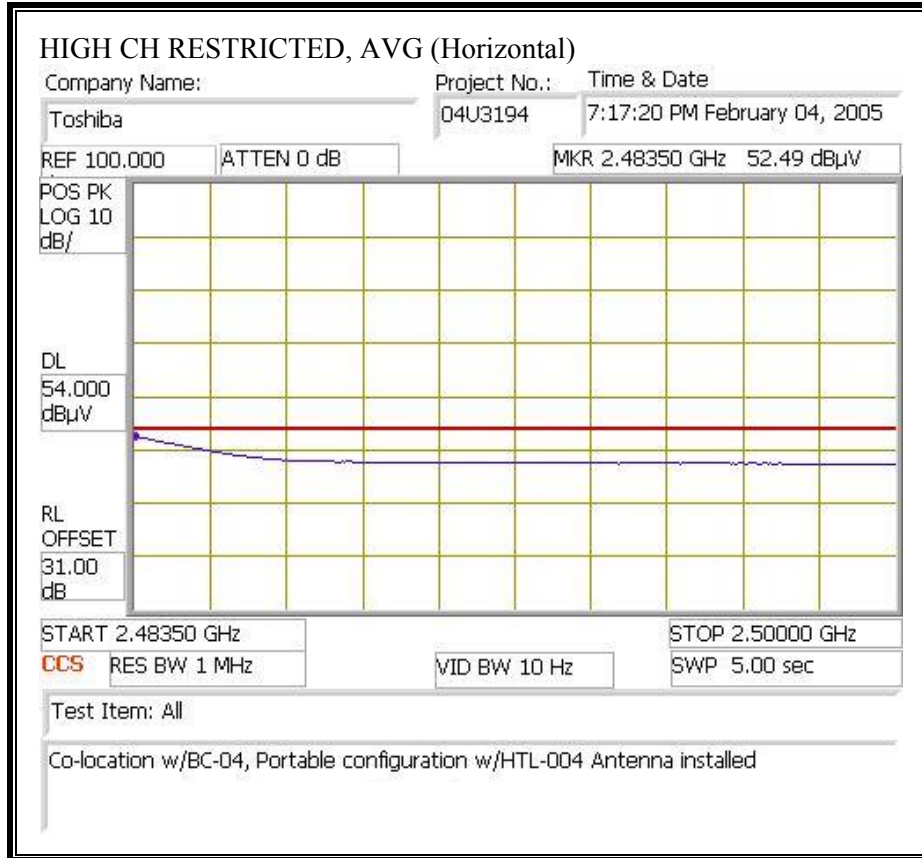
**WORST-CASE RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)**



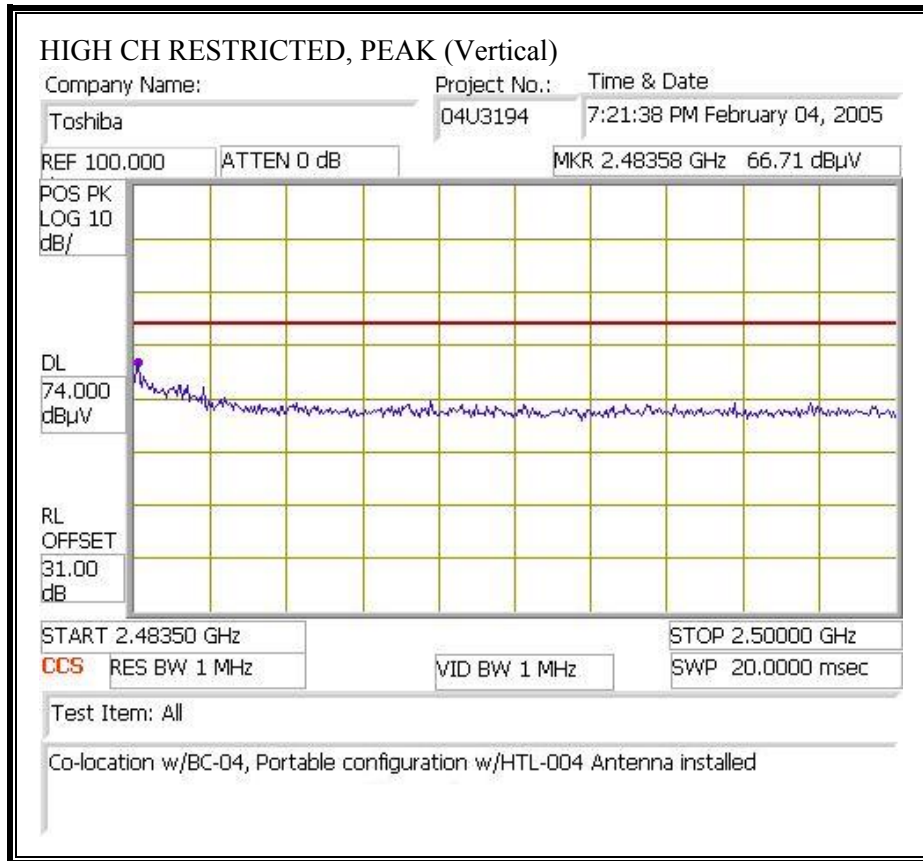


**WORST-CASE RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)**

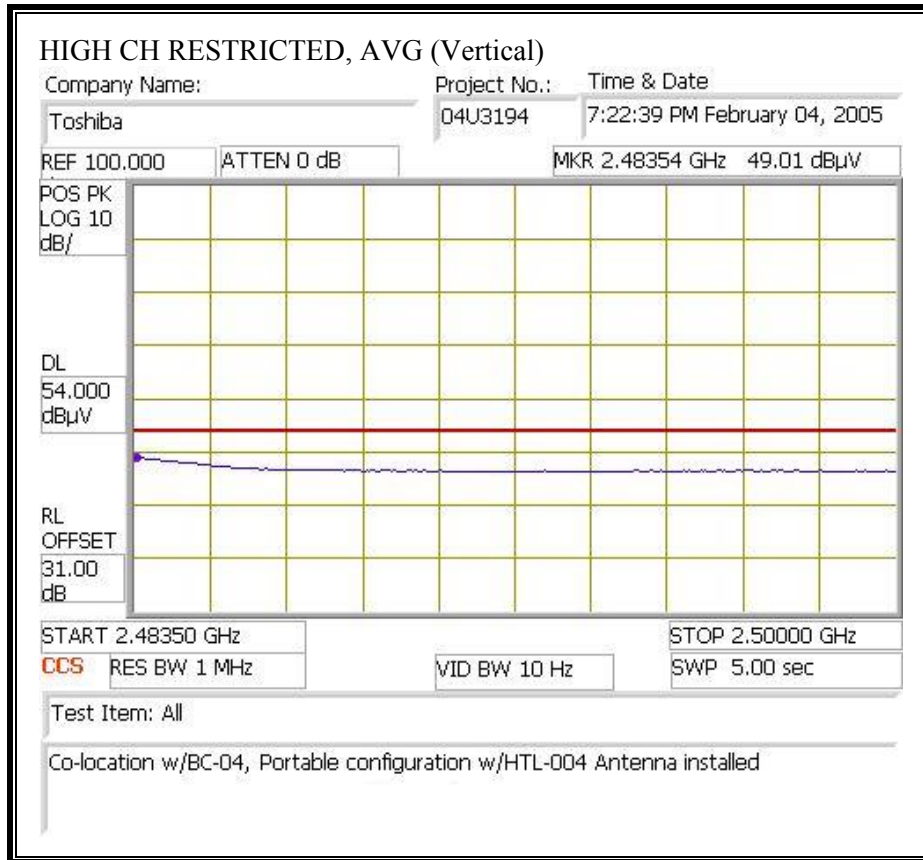




**WORST-CASE RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)**







**WORST-CASE HARMONICS AND SPURIOUS EMISSIONS**

02/04/05 High Frequency Measurement  
 Compliance Certification Services, Morgan Hill Open Field Site

Test Engr: David Garcia  
 Project #: 04U3194  
 Company: Toshiba  
 EUT Descrip.: 802.11b/g Half Size Mini-PCI WLAN Module  
 EUT M/N: PA3426U-1MPC  
 Test Target: FCC 15.247  
 Mode Oper: Tx\_g\_mode\_antenna HTL004\_WLAN and BT BC04 Co-location, Portable

**Test Equipment:**

EMCO Horn 1-18GHz: T73; S/N: 6717 @3m  
 Pre-amplifier 1-26GHz: T87 Miteq 924342  
 Pre-amplifier 26-40GHz:   
 Horn > 18GHz:   
 Limit: FCC 15.205

Hi Frequency Cables: 2 foot cable, 3 foot cable, 4 foot cable, 12 foot cable  
 HPF: HPF\_4.0GHz  
 Reject Filter:   
 Peak Measurements: RBW=VBW=1MHz  
 Average Measurements: RBW=1MHz, VBW=10Hz

f GHz	Dist (m)	Read Pk dBuV	Read Avg dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	Filtr dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)
<b>2.437 GHz Channel</b>															
4.874	3.0	50.7	42.0	32.9	4.9	-39.6	0.0	0.6	49.5	40.8	74	54	-24.5	-13.2	V
7.311	3.0	52.0	42.0	35.8	6.0	-40.3	0.0	0.6	54.1	44.1	74	54	-19.9	-9.9	V
4.874	3.0	49.1	40.1	32.9	4.9	-39.6	0.0	0.6	47.9	38.9	74	54	-26.1	-15.1	H
7.311	3.0	51.7	43.0	35.8	6.0	-40.3	0.0	0.6	53.8	45.1	74	54	-20.2	-8.9	H
Note: No other emissions were detected above															

f Measurement Frequency      Amp Preamp Gain      Avg Lim Average Field Strength Limit  
 Dist Distance to Antenna      D Corr Distance Correct to 3 meters      Pk Lim Peak Field Strength Limit  
 Read Analyzer Reading      Avg Average Field Strength @ 3 m      Avg Mar Margin vs. Average Limit  
 AF Antenna Factor      Peak Calculated Peak Field Strength      Pk Mar Margin vs. Peak Limit  
 CL Cable Loss      HPF High Pass Filter

#### **7.2.5.4 STAND-ALONE CONFIGURATION, WITH BLUETOOTH BC02**

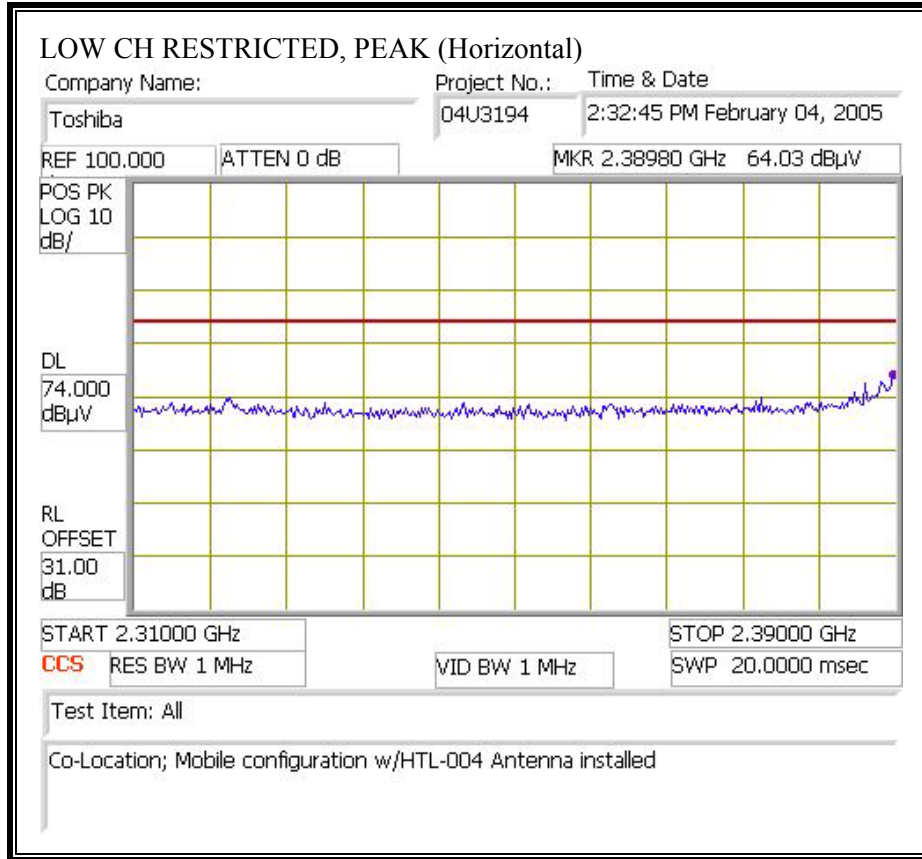
Not applicable. The BT has no extended card to use to be tested for this configuration. Please see 7.2.5.5 for reference.

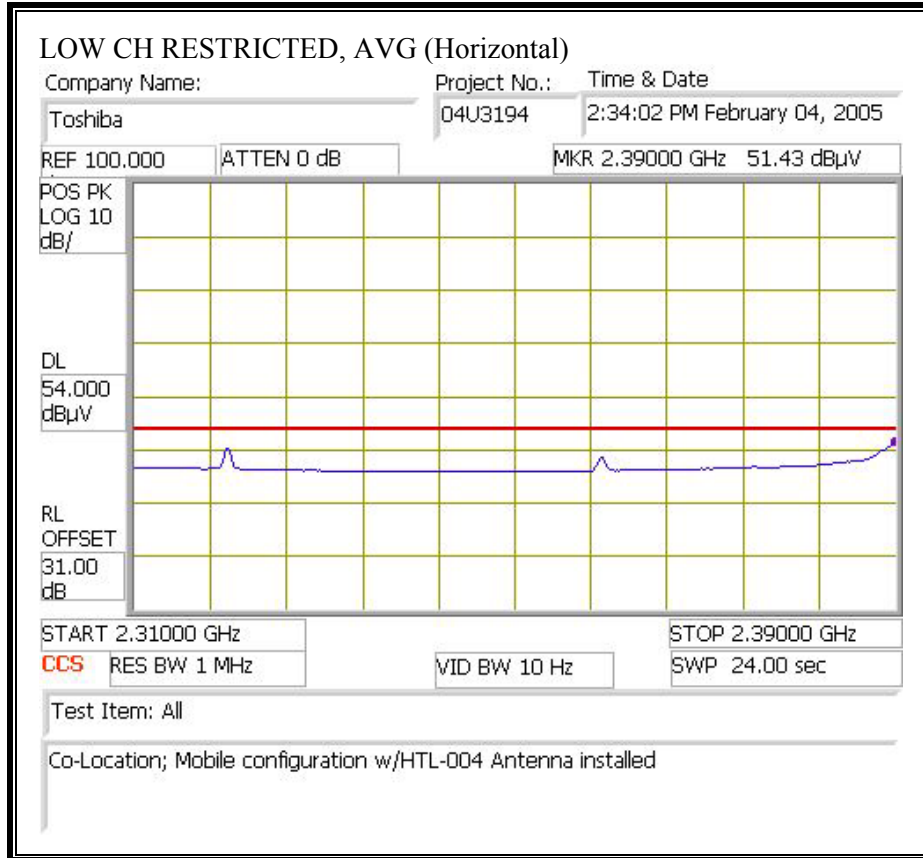
### 7.2.5.5 MOBILE CONFIGURATION, WITH BLUETOOTH BC02

No non-compliance noted:

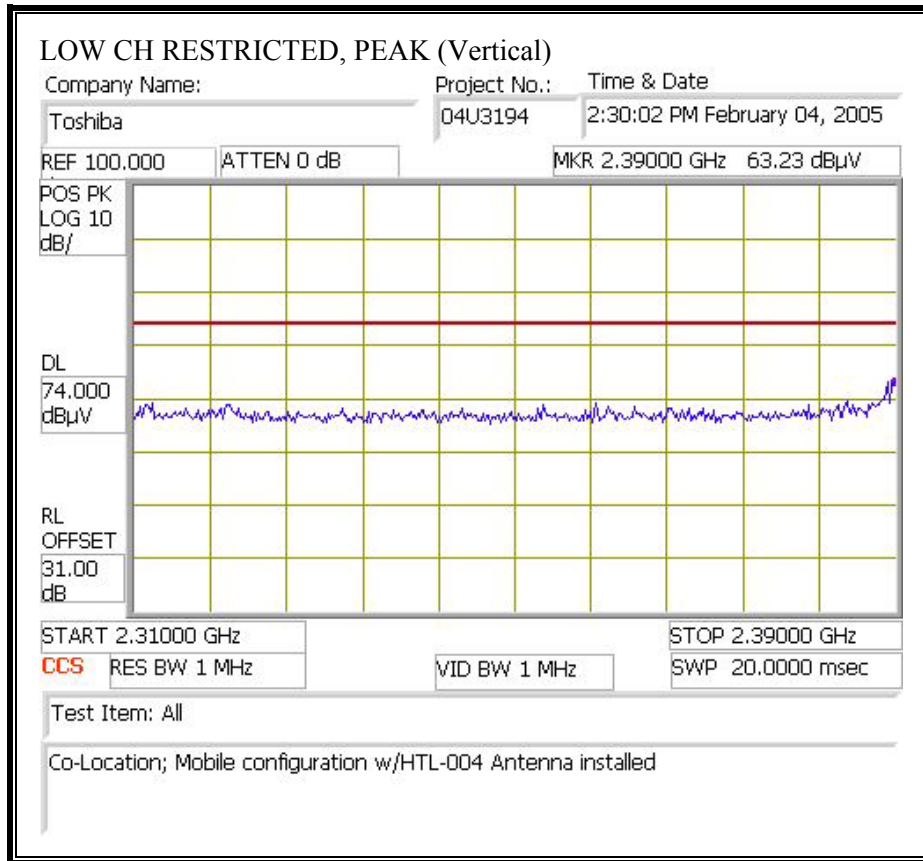
The dominant transmitter is the WLAN and the non-dominant transmitter is the Bluetooth

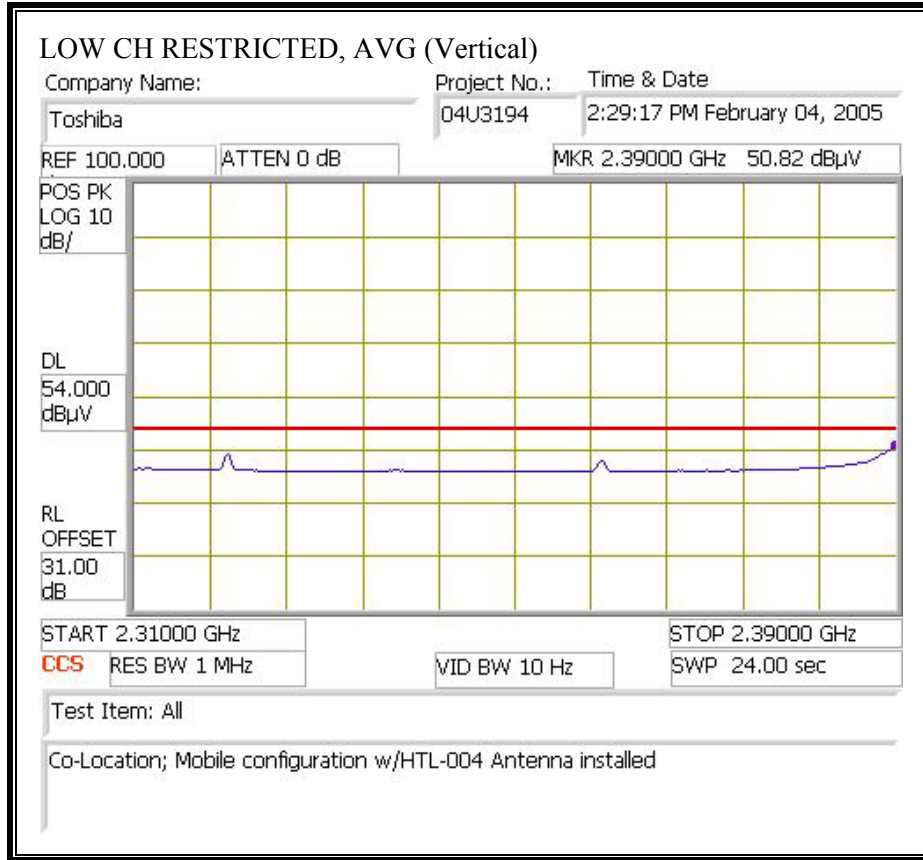
#### WORST-CASE RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)



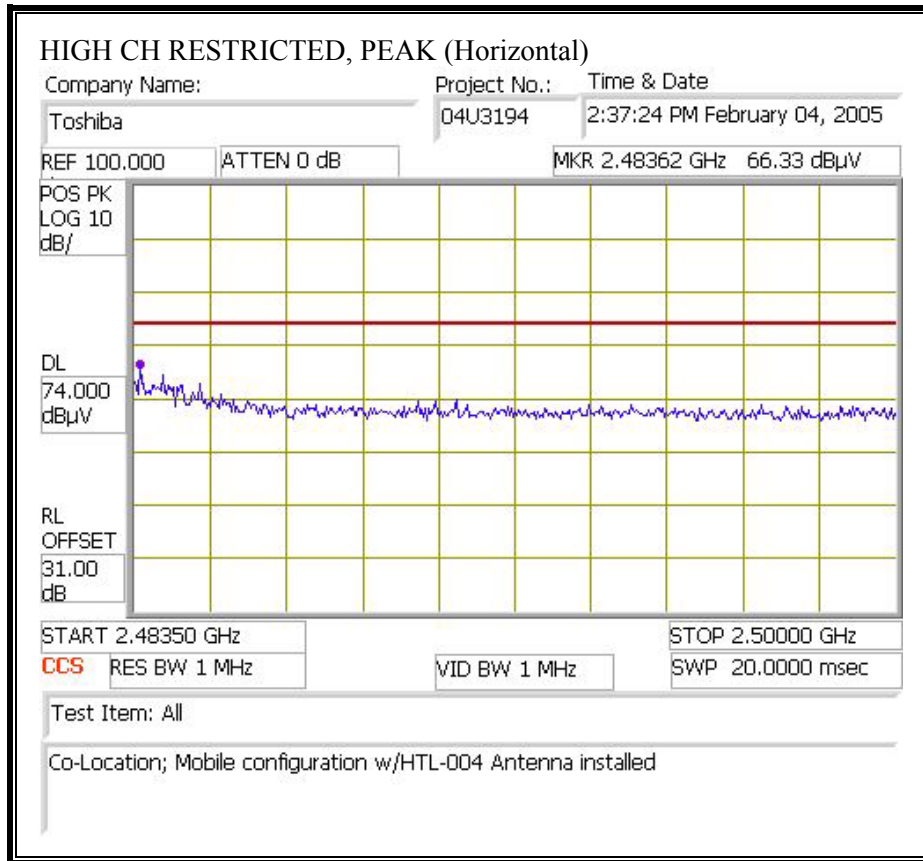


**WORST-CASE RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)**

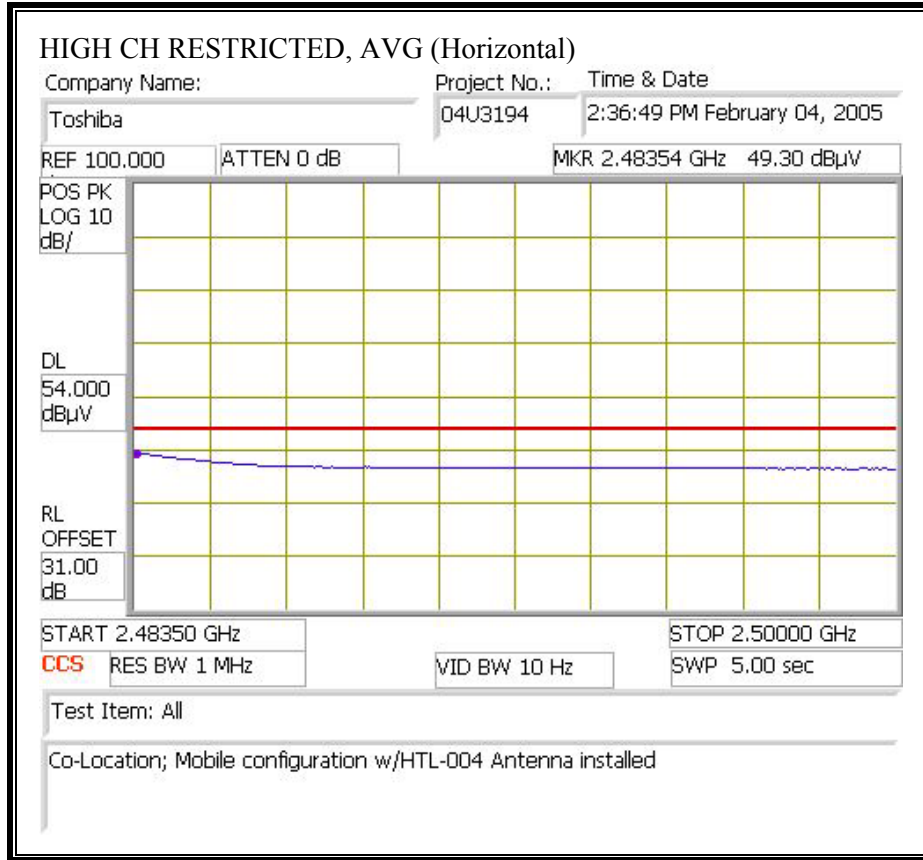




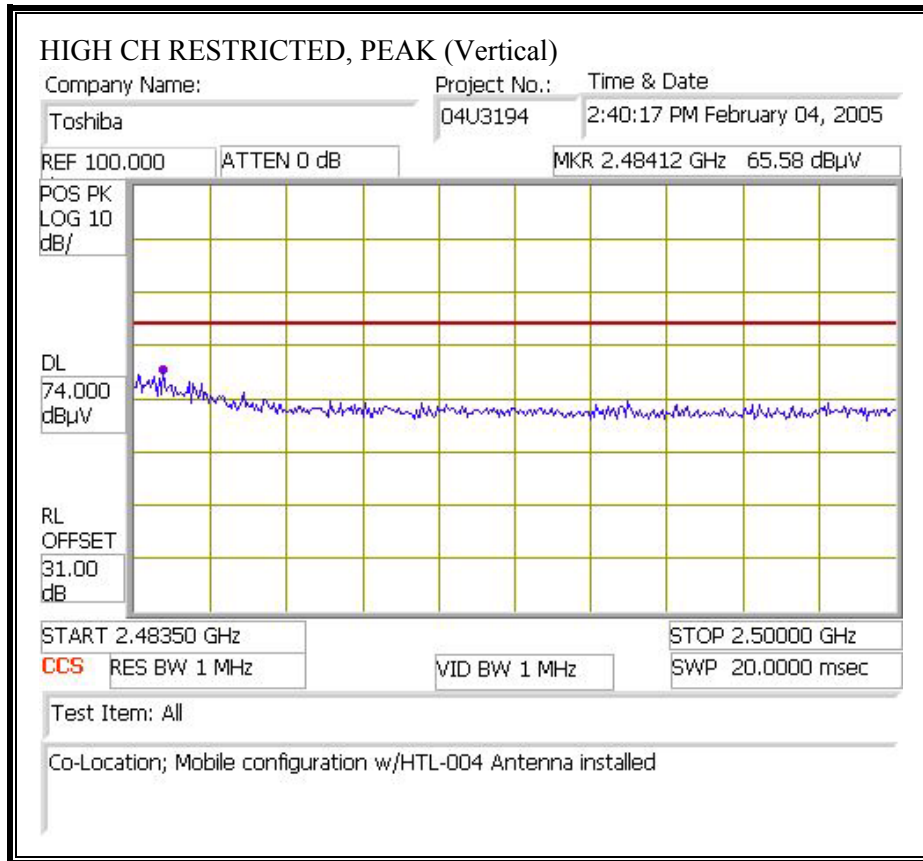
**WORST-CASE RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)**

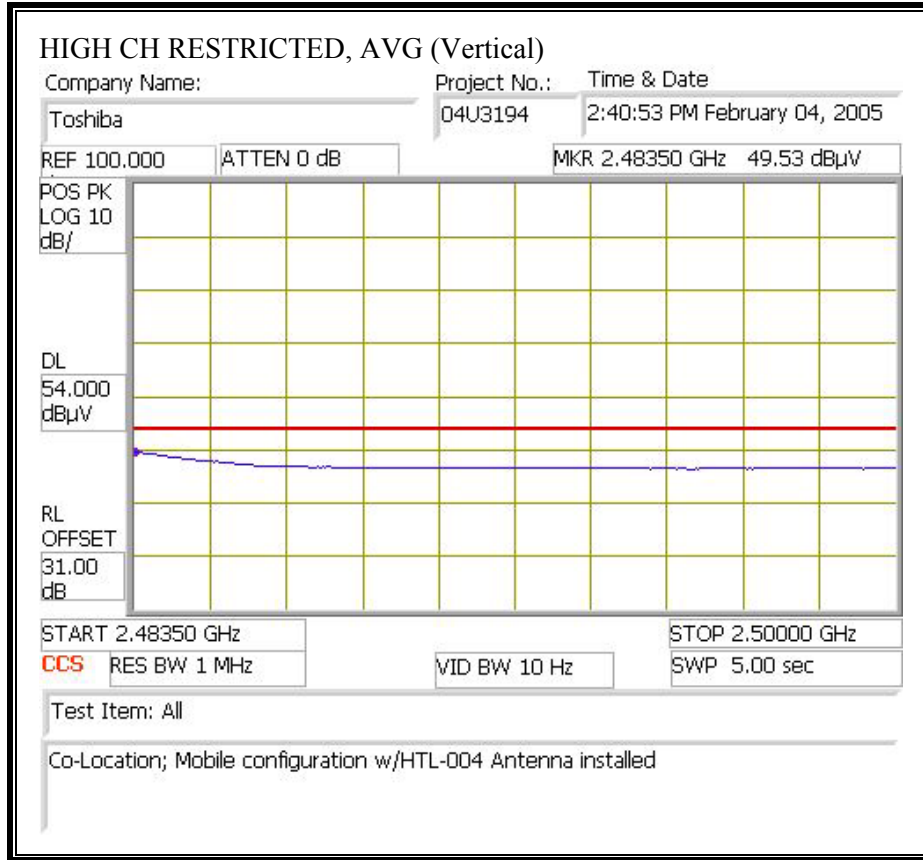






**WORST-CASE RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)**





**WORST-CASE HARMONICS AND SPURIOUS EMISSIONS**

02/04/05 High Frequency Measurement  
 Compliance Certification Services, Morgan Hill Open Field Site

**Test Engr:** David Garcia  
**Project #:** 04U3194  
**Company:** Toshiba  
**EUT Descrip.:** 802.11b/g Half Size Mini-PCI WLAN Module  
**EUT M/N:** PA3426U-1MPC  
**Test Target:** FCC 15.247  
**Mode Oper:** Tx\_g\_mode\_antenna HTL004\_WLAN and BT BC02 Co-location, Mobile

**Test Equipment:**

EMCO Horn 1-18GHz	Pre-amplifier 1-26GHz	Pre-amplifier 26-40GHz	Horn > 18GHz	Limit
T73; S/N: 6717 @3m	T87 Miteq 924342			FCC 15.205

Hi Frequency Cables

2 foot cable	3 foot cable	4 foot cable	12 foot cable	HPF	Reject Filter
		4_David	12_Yan	HPF_4.0GHz	

**Peak Measurements**  
 RBW=VBW=1MHz

**Average Measurements**  
 RBW=1MHz, VBW=10Hz

f GHz	Dist (m)	Read Pk dBuV	Read Avg dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	Filtr dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)
Mid Ch															
4.874	3.0	50.0	40.7	32.9	4.9	-39.6	0.0	0.6	48.8	39.5	74	54	-25.2	-14.5	V
7.311	3.0	52.2	38.9	35.8	6.0	-40.3	0.0	0.6	54.3	41.0	74	54	-19.7	-13.0	V
4.874	3.0	48.5	39.8	32.9	4.9	-39.6	0.0	0.6	47.3	38.6	74	54	-26.7	-15.4	H
7.311	3.0	53.6	39.6	35.8	6.0	-40.3	0.0	0.6	55.7	41.7	74	54	-18.3	-12.3	H

**Note: No other emissions were detected above the system noise floor**

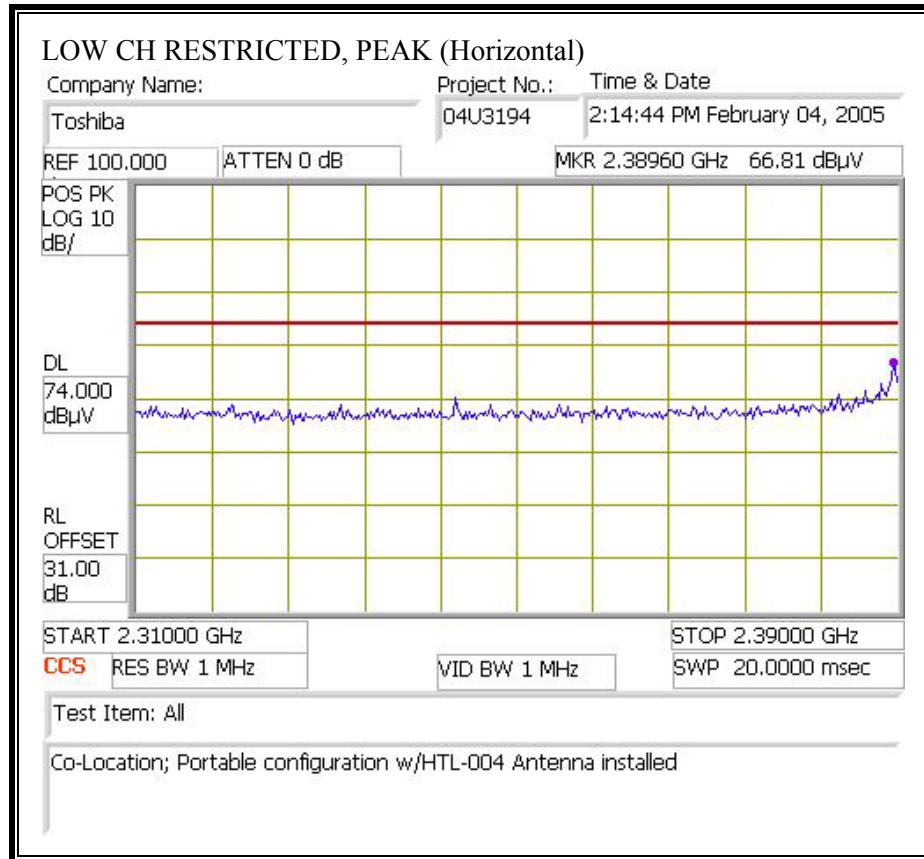
f	Measurement Frequency	Amp	Preamp Gain	Avg Lim	Average Field Strength Limit
Dist	Distance to Antenna	D Corr	Distance Correct to 3 meters	Pk Lim	Peak Field Strength Limit
Read	Analyzer Reading	Avg	Average Field Strength @ 3 m	Avg Mar	Margin vs. Average Limit
AF	Antenna Factor	Peak	Calculated Peak Field Strength	Pk Mar	Margin vs. Peak Limit
CL	Cable Loss	HPF	High Pass Filter		

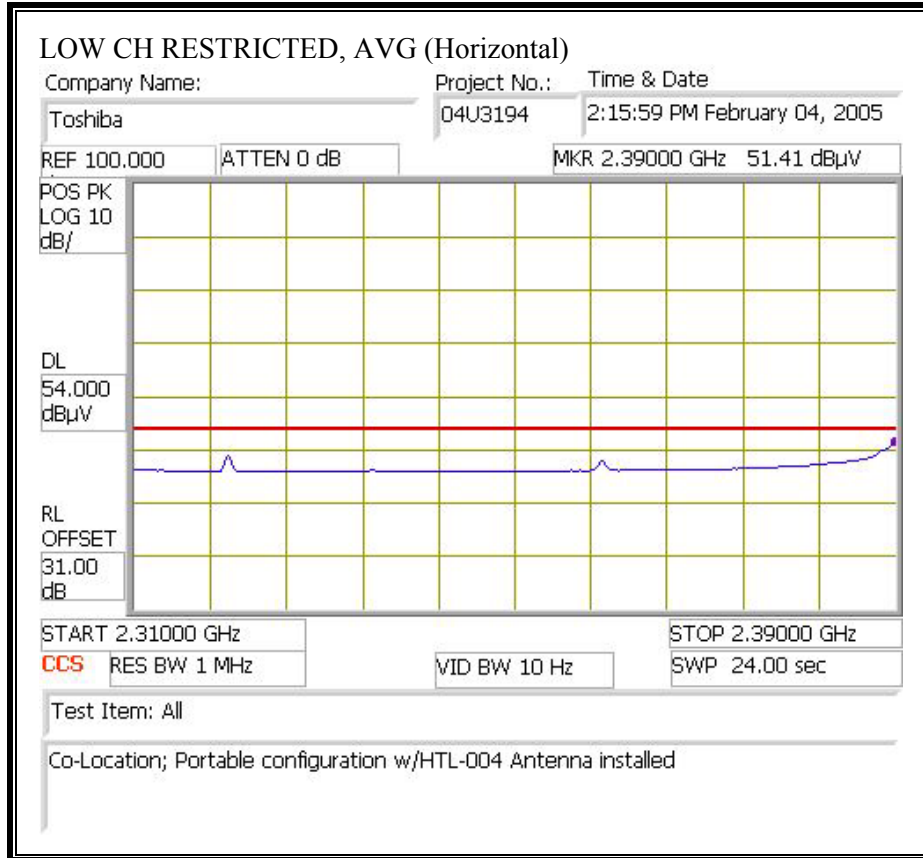
### 7.2.5.6 PORTABLE CONFIGURATION, WITH BLUETOOTH BC02

No non-compliance noted:

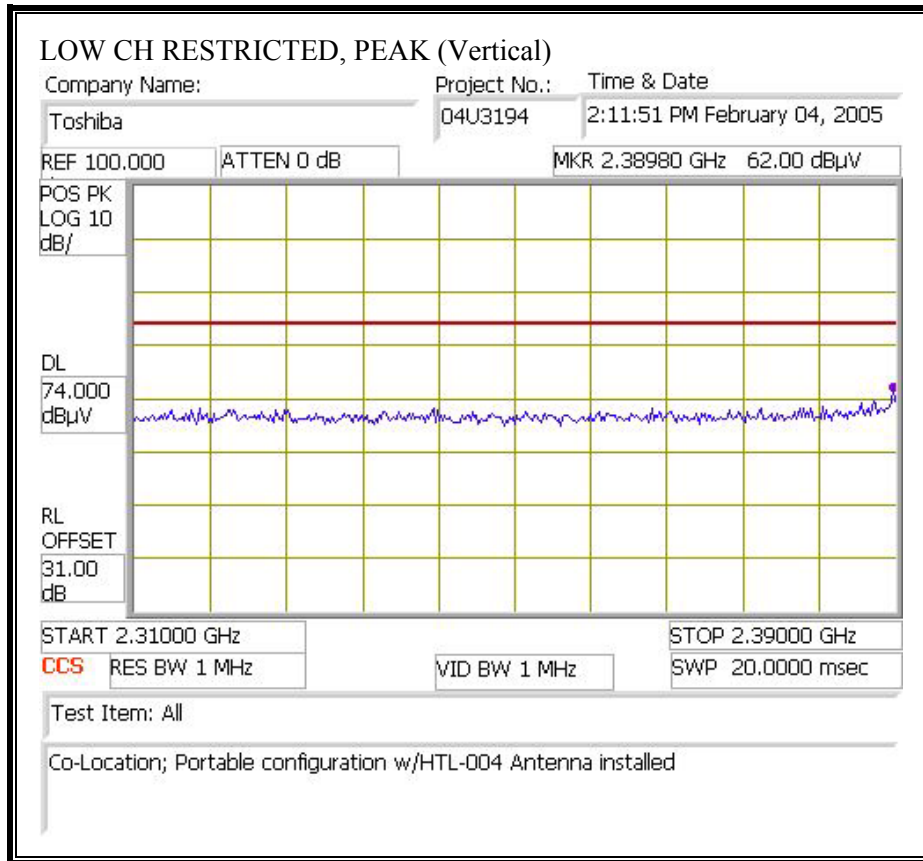
The dominant transmitter is the WLAN and the non-dominant transmitter is the Bluetooth

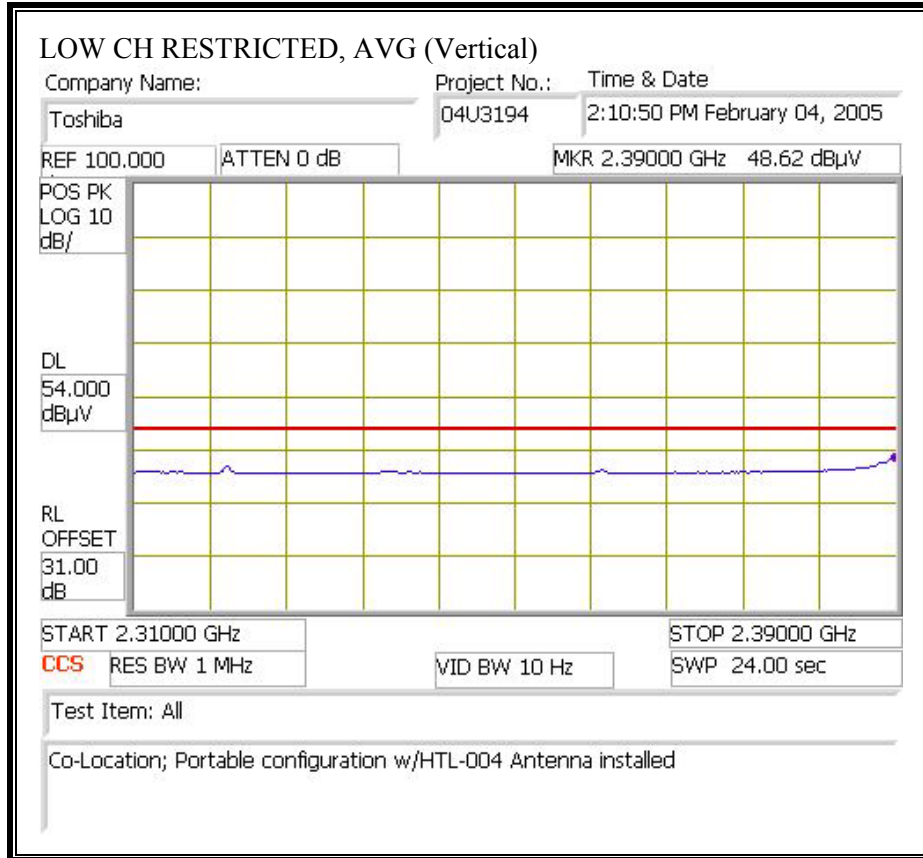
#### WORST-CASE RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)





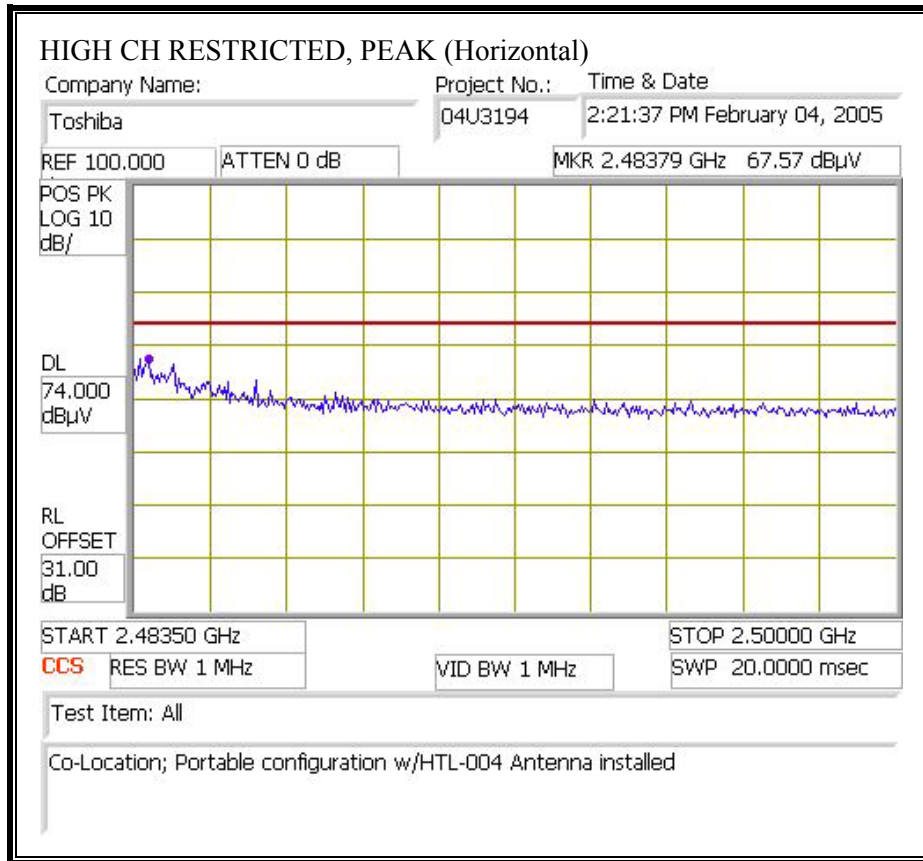
**WORST-CASE RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)**

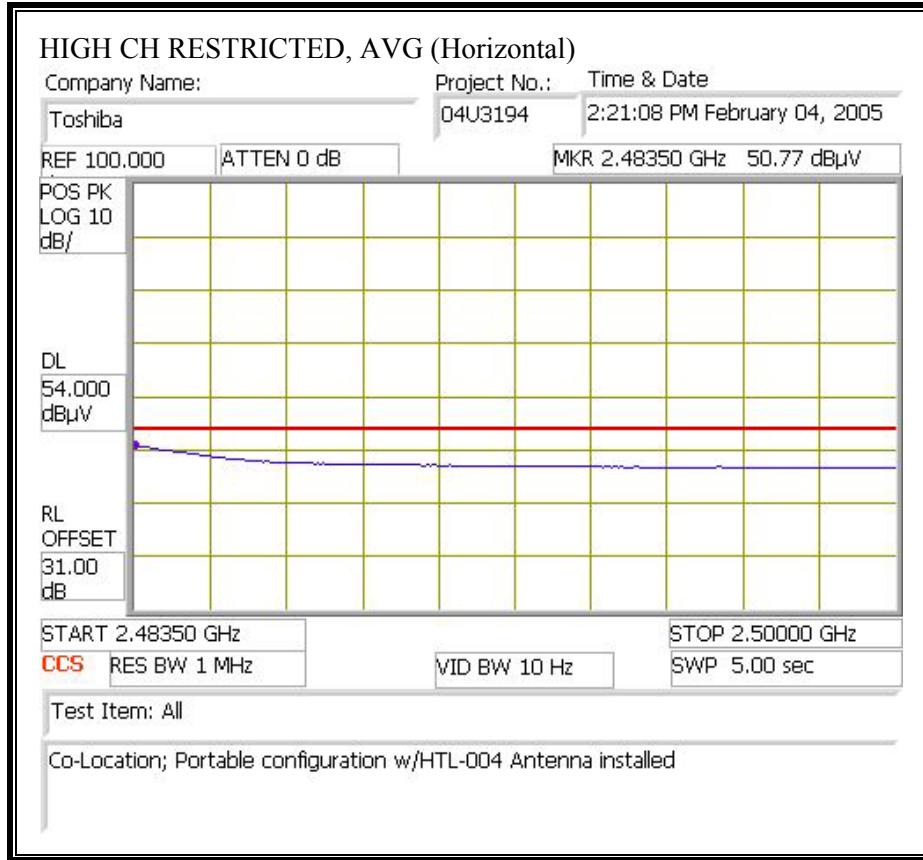




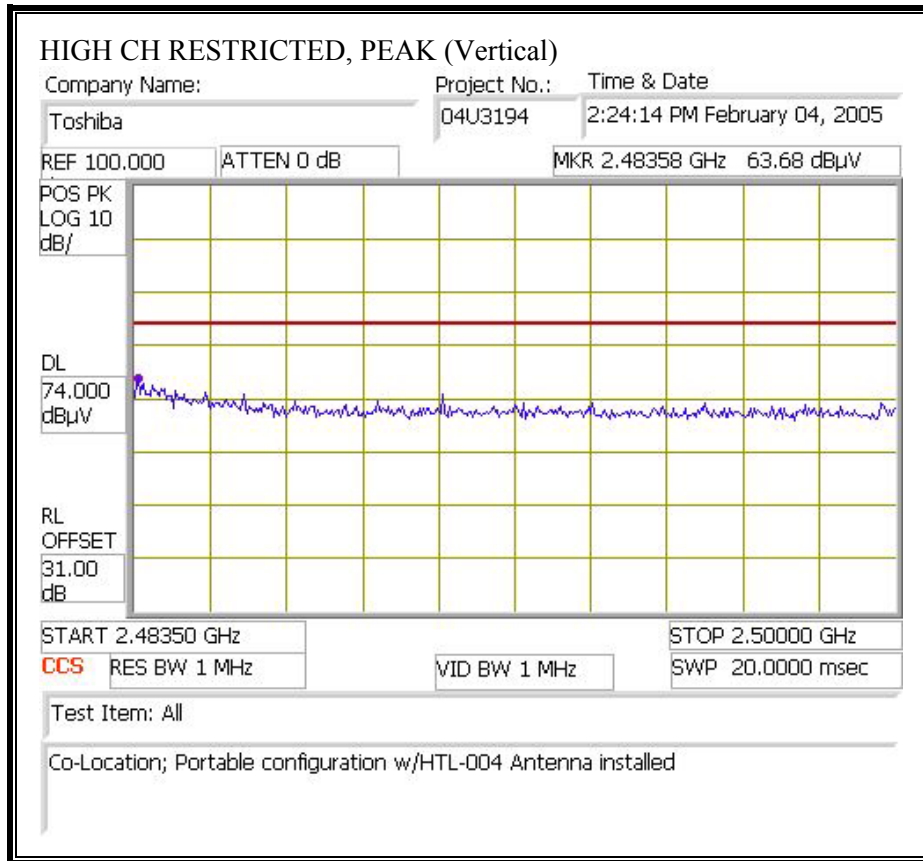


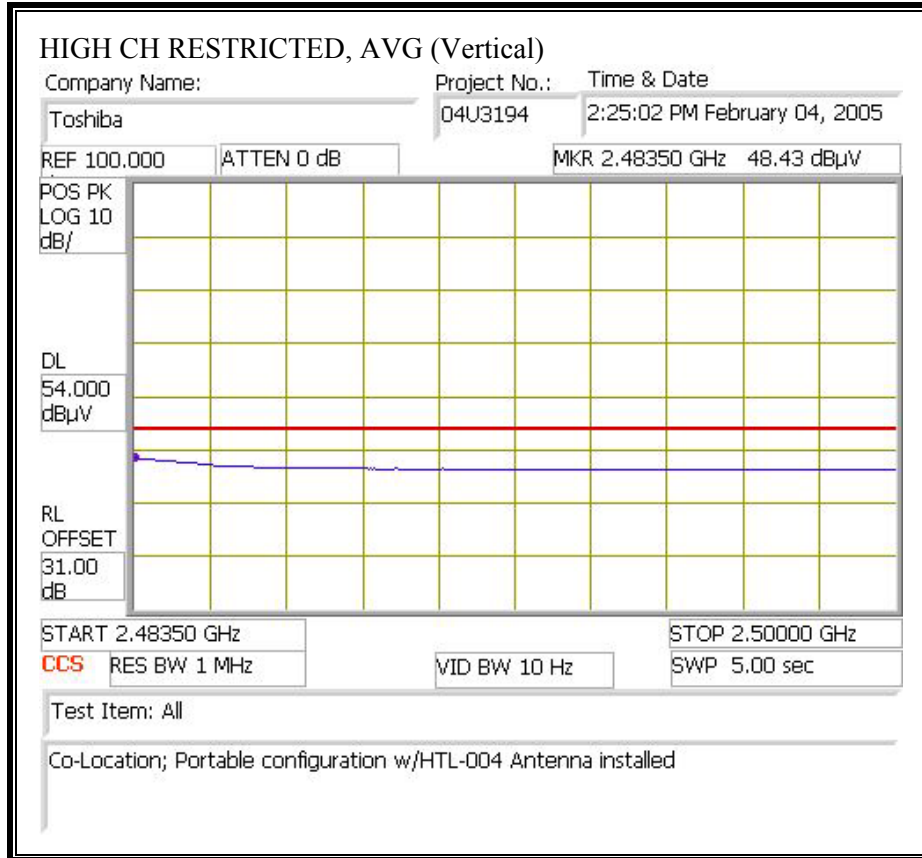
**WORST-CASE RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)**





**WORST-CASE RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)**





**WORST-CASE HARMONICS AND SPURIOUS EMISSIONS**

02/04/05 High Frequency Measurement  
 Compliance Certification Services, Morgan Hill Open Field Site

Test Engr: David Garcia  
 Project #: 04U3194  
 Company: Toshiba  
 EUT Descrip.: 802.11b/g Half Size Mini-PCI WLAN Module  
 EUT M/N: PA3426U-1MPC  
 Test Target: FCC 15.247  
 Mode Oper: Tx\_g\_mode\_antenna HTL004\_WLAN and BC02 Co-location, Portable

**Test Equipment:**

EMCO Horn 1-18GHz: T73; S/N: 6717 @3m  
 Pre-amplifier 1-26GHz: T87 Miteq 924342  
 Pre-amplifier 26-40GHz:   
 Horn > 18GHz:   
 Limit: FCC 15.205

Hi Frequency Cables: 2 foot cable, 3 foot cable, 4 foot cable, 12 foot cable  
 HPF: HPF\_4.0GHz  
 Reject Filter:   
 Peak Measurements: RBW=VBW=1MHz  
 Average Measurements: RBW=1MHz, VBW=10Hz

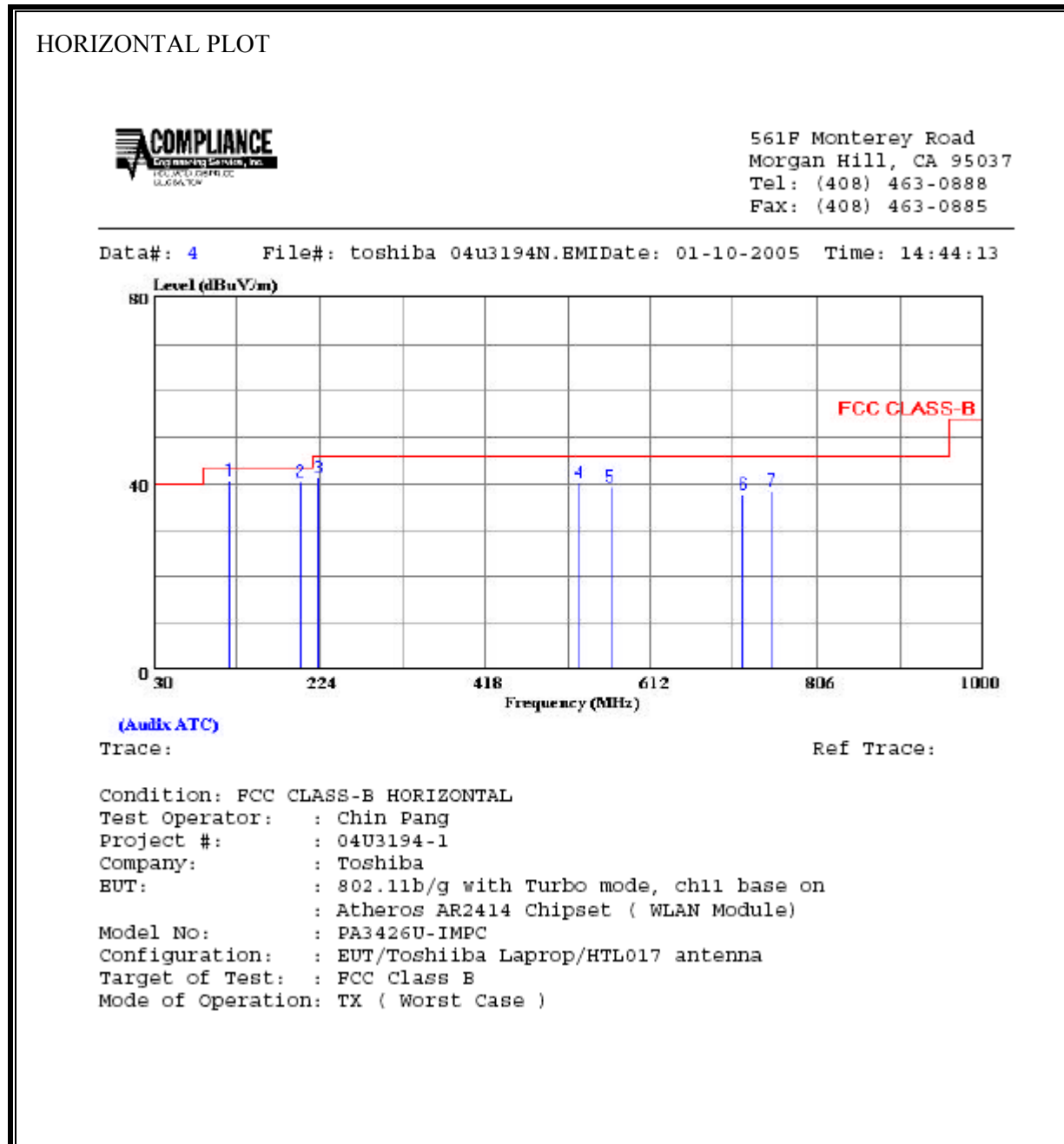
f GHz	Dist (m)	Read Pk dBuV	Read Avg dBuV	AF dB/m	CL dB	Amp dB	D Corr dB	Filtr dB	Peak dBuV/m	Avg dBuV/m	Pk Lim dBuV/m	Avg Lim dBuV/m	Pk Mar dB	Avg Mar dB	Notes (V/H)
<b>Mid Ch</b>															
4.874	3.0	52.0	40.0	32.9	4.9	-39.6	0.0	0.6	50.8	38.8	74	54	-23.2	-15.2	V
7.311	3.0	48.4	37.1	35.8	6.0	-40.3	0.0	0.6	50.5	39.2	74	54	-23.5	-14.8	V
4.874	3.0	54.3	38.3	32.9	4.9	-39.6	0.0	0.6	53.1	37.1	74	54	-20.9	-16.9	H
7.311	3.0	50.5	37.5	35.8	6.0	-40.3	0.0	0.6	52.6	39.6	74	54	-21.4	-14.4	H
<b>Note: No other emissions were detected above</b>															

f Measurement Frequency      Amp Preamp Gain      Avg Lim Average Field Strength Limit  
 Dist Distance to Antenna      D Corr Distance Correct to 3 meters      Pk Lim Peak Field Strength Limit  
 Read Analyzer Reading      Avg Average Field Strength @ 3 m      Avg Mar Margin vs. Average Limit  
 AF Antenna Factor      Peak Calculated Peak Field Strength      Pk Mar Margin vs. Peak Limit  
 CL Cable Loss      HPF High Pass Filter

## 7.2.6 WORST-CASE RADIATED EMISSIONS BELOW 1 GHz, WITH ANTENNA HTL017 IN FIREBOLT

### 7.2.6.1 STAND-ALONE CONFIGURATION

#### SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)

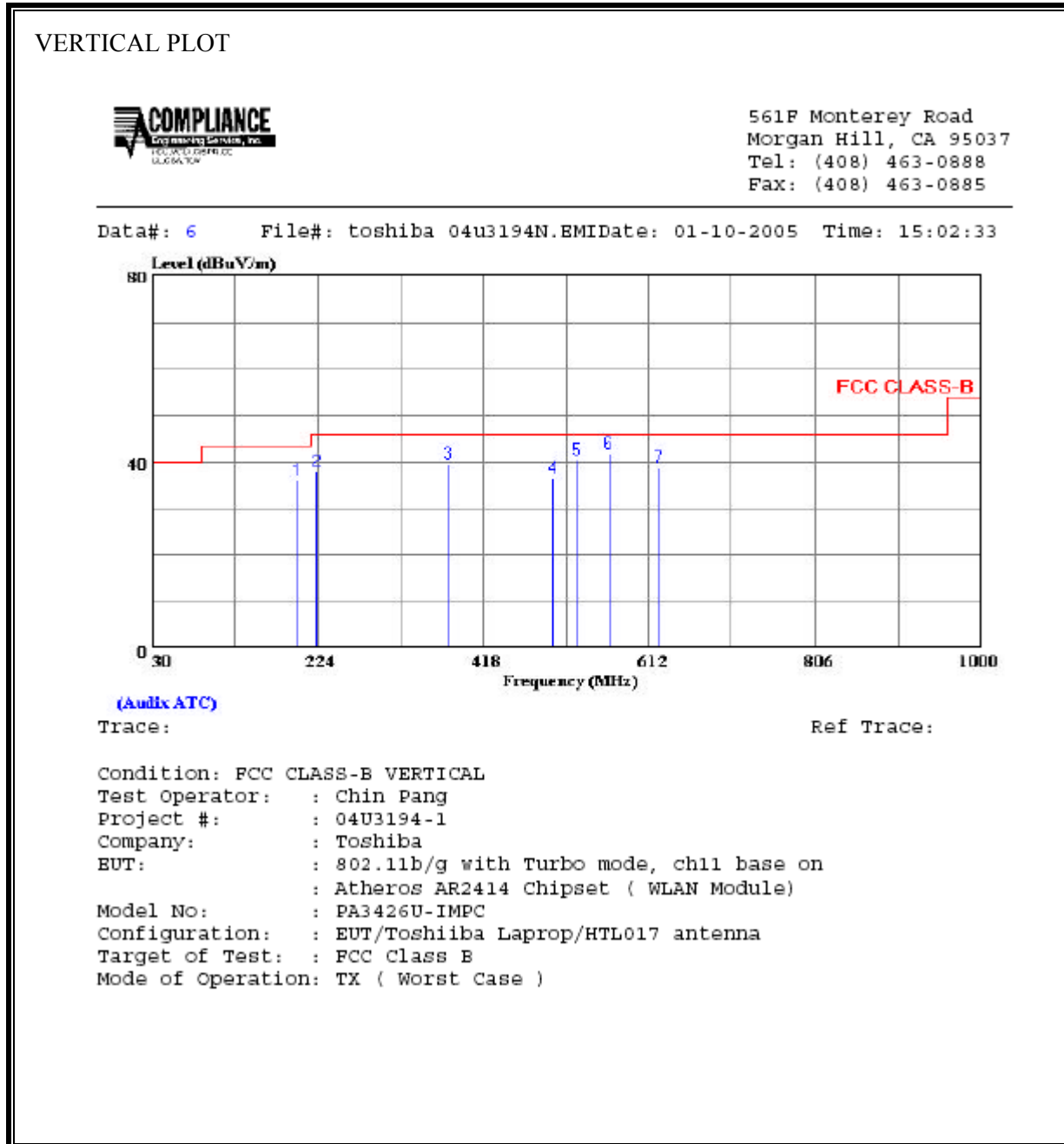


HORIZONTAL DATA

Page: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	119.240	53.45	-12.77	40.68	43.50	-2.82	Peak
2	201.690	53.62	-13.32	40.30	43.50	-3.20	Peak
3	223.030	56.06	-14.90	41.16	46.00	-4.84	Peak
4	528.580	46.88	-6.76	40.12	46.00	-5.88	Peak
5	565.440	45.27	-6.06	39.21	46.00	-6.79	Peak
6	720.640	40.54	-2.84	37.70	46.00	-8.30	Peak
7	754.590	41.05	-2.45	38.60	46.00	-7.40	Peak

**SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)**





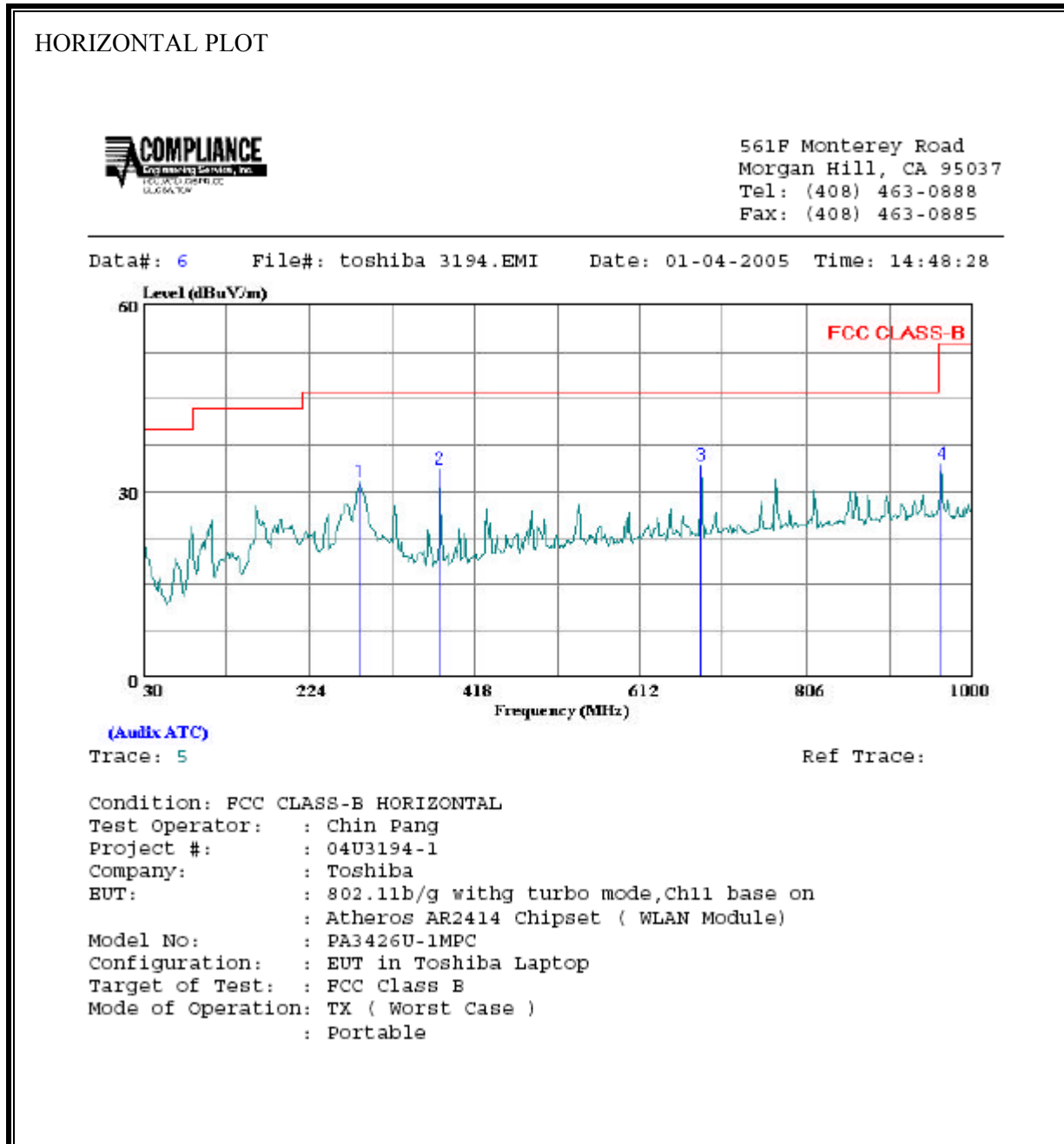
VERTICAL DATA

Page: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	200.720	49.32	-13.23	36.09	43.50	-7.41	Peak
2	223.030	52.84	-14.90	37.94	46.00	-8.06	Peak
3	378.230	49.71	-10.00	39.71	46.00	-6.29	Peak
4	499.480	43.76	-7.24	36.52	46.00	-9.48	Peak
5	528.580	47.11	-6.76	40.35	46.00	-5.65	Peak
6	565.440	47.86	-6.06	41.80	46.00	-4.20	Peak
7	623.640	43.72	-4.89	38.83	46.00	-7.17	Peak

### 7.2.6.2 PORTABLE CONFIGURATION

#### SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)

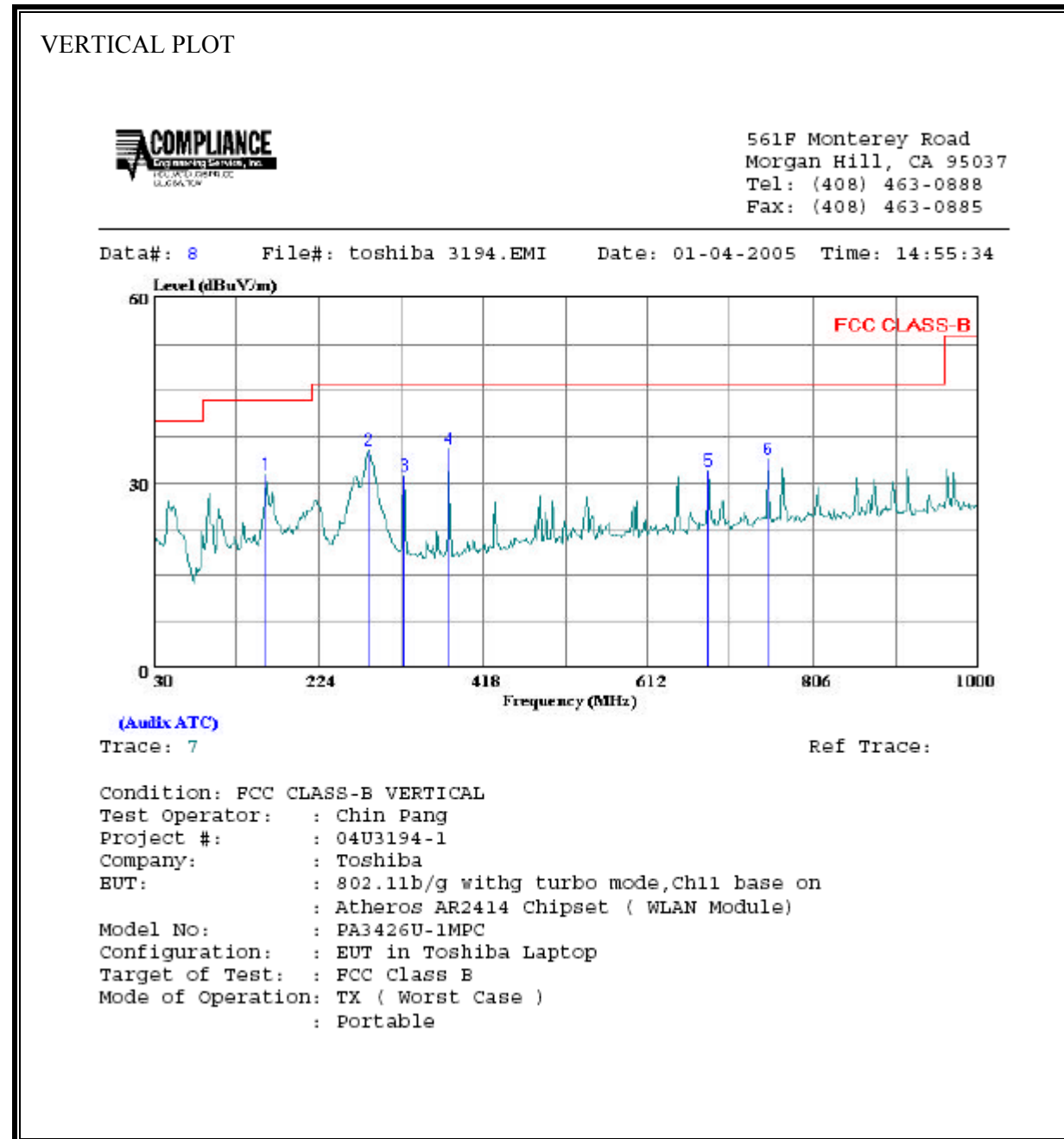


HORIZONTAL DATA

Page: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	284.140	45.84	-14.35	31.49	46.00	-14.51	Peak
2	378.230	45.73	-12.03	33.70	46.00	-12.30	Peak
3	683.780	40.89	-6.62	34.27	46.00	-11.73	Peak
4	963.140	38.19	-3.82	34.37	54.00	-19.63	Peak

**SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)**



VERTICAL DATA

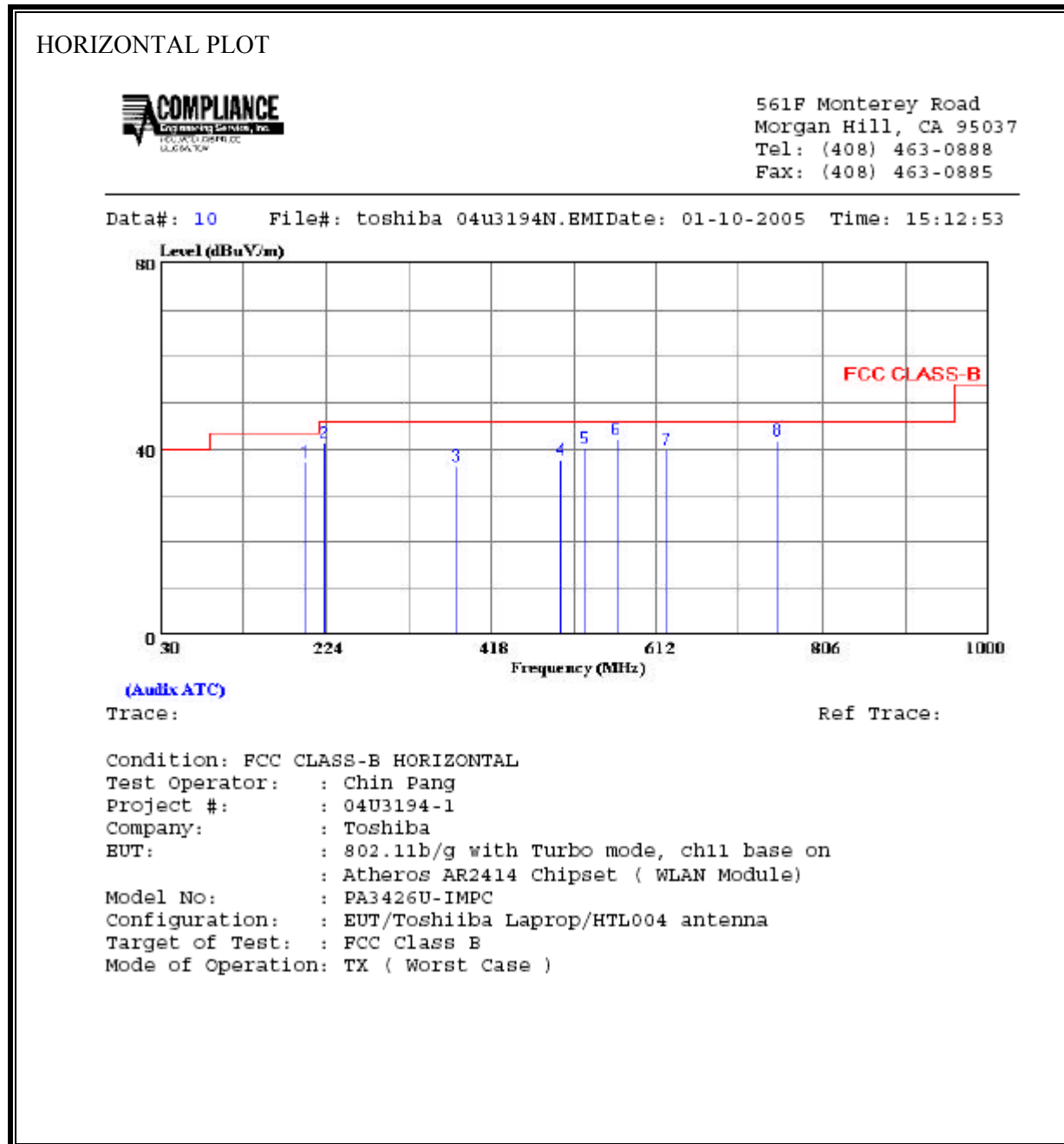
Page: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	162.890	46.97	-15.53	31.44	43.50	-12.06	Peak
2	284.140	49.72	-14.35	35.37	46.00	-10.63	Peak
3	324.880	44.42	-13.26	31.16	46.00	-14.84	Peak
4	378.230	47.50	-12.03	35.47	46.00	-10.53	Peak
5	683.780	38.70	-6.62	32.08	46.00	-13.92	Peak
6	754.590	39.57	-5.74	33.83	46.00	-12.17	Peak

## 7.2.7 WORST-CASE RADIATED EMISSIONS BELOW 1 GHz, WITH ANTENNA HTL004 IN FIREBOLT

### 7.2.7.1 STAND-ALONE CONFIGURATION

#### SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)

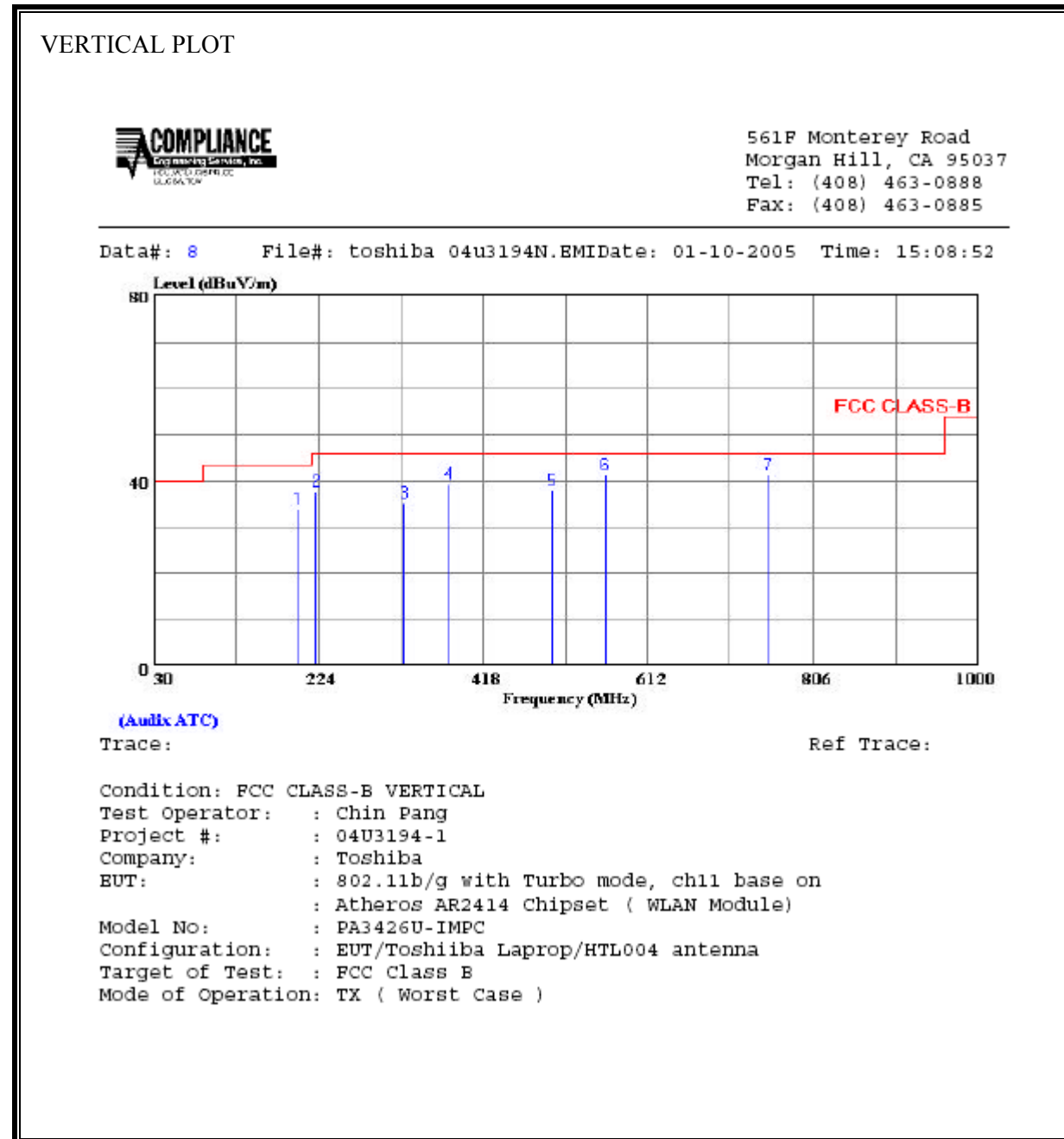


HORIZONTAL DATA

Page: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	199.750	50.33	-13.14	37.19	43.50	-6.31	Peak
2	222.060	56.28	-14.93	41.35	46.00	-4.65	Peak
3	378.230	46.40	-10.00	36.40	46.00	-9.60	Peak
4	499.480	45.02	-7.24	37.78	46.00	-8.22	Peak
5	528.580	46.90	-6.76	40.14	46.00	-5.86	Peak
6	565.440	48.28	-6.06	42.22	46.00	-3.78	Peak
7	623.640	44.81	-4.89	39.92	46.00	-6.08	Peak
8	754.590	44.15	-2.45	41.70	46.00	-4.30	Peak

**SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)**





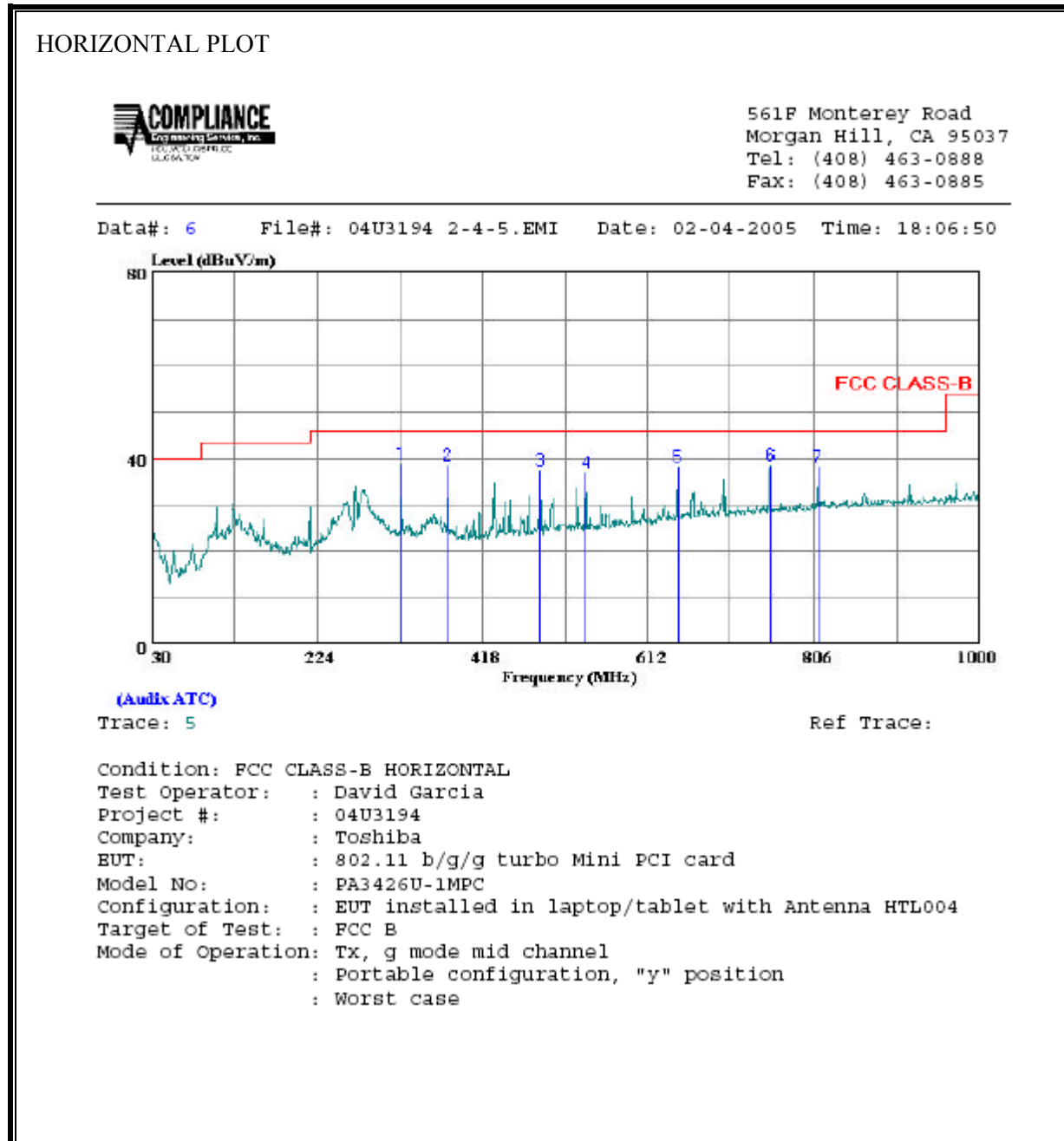
VERTICAL DATA

Page: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	200.720	47.12	-13.23	33.89	43.50	-9.61	Peak
2	221.090	52.68	-14.95	37.73	46.00	-8.27	Peak
3	324.880	46.44	-11.18	35.26	46.00	-10.74	Peak
4	378.230	49.41	-10.00	39.41	46.00	-6.59	Peak
5	499.480	45.14	-7.24	37.90	46.00	-8.10	Peak
6	562.530	47.30	-6.11	41.19	46.00	-4.81	Peak
7	754.590	43.76	-2.45	41.31	46.00	-4.69	Peak

### 7.2.7.2 PORTABLE CONFIGURATION

#### SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)

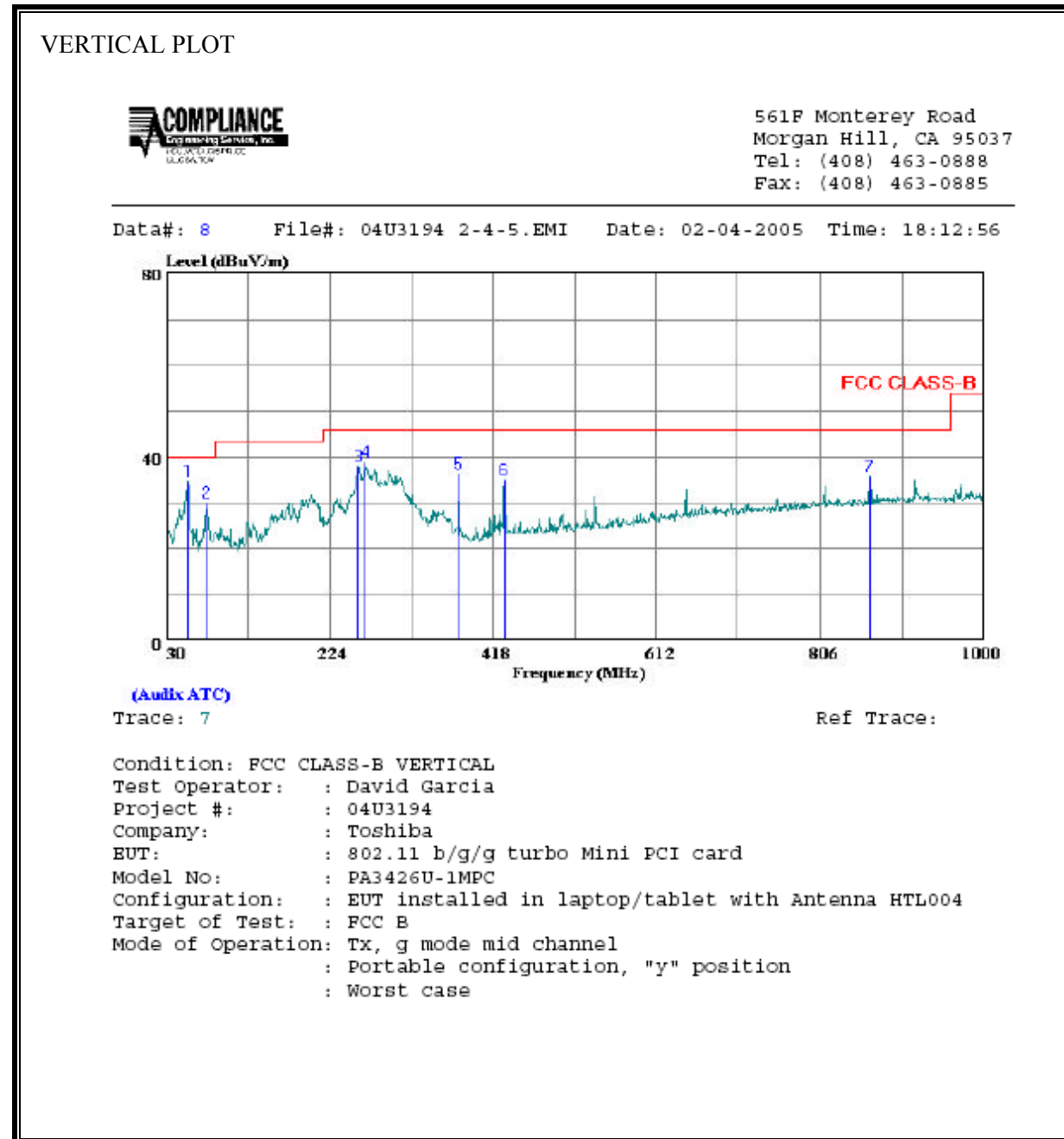


HORIZONTAL DATA

Page: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	322.940	50.00	-11.21	38.79	46.00	-7.21	Peak
2	377.260	48.50	-10.01	38.49	46.00	-7.51	Peak
3	485.900	44.90	-7.52	37.38	46.00	-8.62	Peak
4	539.250	43.30	-6.61	36.69	46.00	-9.31	Peak
5	647.890	42.70	-4.41	38.29	46.00	-7.71	Peak
6	756.530	41.10	-2.47	38.63	46.00	-7.37	Peak
7	809.880	39.90	-1.66	38.24	46.00	-7.76	Peak

**SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)**



VERTICAL DATA

Page: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	55.220	54.00	-19.37	34.63	40.00	-5.37	Peak
2	77.530	48.80	-18.82	29.98	40.00	-10.02	Peak
3	257.950	51.30	-13.37	37.93	46.00	-8.07	Peak
4	266.680	51.87	-13.12	38.75	46.00	-7.25	Peak
5	377.260	46.40	-10.01	36.39	46.00	-9.61	Peak
6	431.580	43.60	-8.74	34.86	46.00	-11.14	Peak
7	864.200	37.00	-1.26	35.74	46.00	-10.26	Peak

### 7.3 POWERLINE CONDUCTED EMISSIONS

#### LIMIT

§15.207 (a) Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50  $\mu$ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal.

The lower limit applies at the boundary between the frequency ranges.

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

\*Decreases with the logarithm of the frequency.

#### TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.4.

The resolution bandwidth is set to 9 kHz for both peak detection and quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

Line conducted data is recorded for both NEUTRAL and HOT lines.

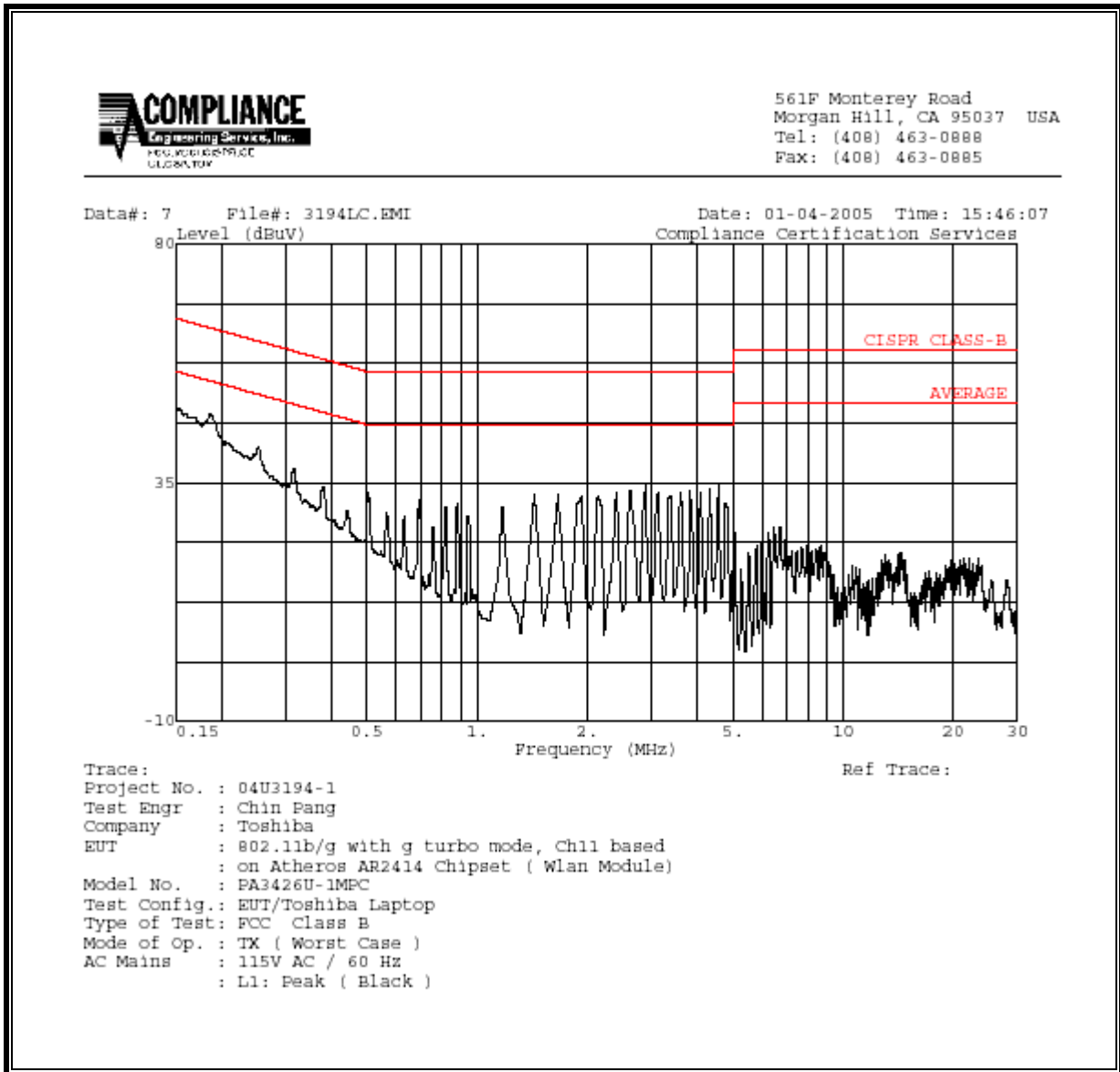
#### RESULTS

No non-compliance noted:

**6 WORST EMISSIONS**

CONDUCTED EMISSIONS DATA (115VAC 60Hz)									
Freq.	Reading			Closs	Limit	EN B	Margin		Remark
(MHz)	PK (dBuV)	QP (dBuV)	AV (dBuV)	(dB)	QP	AV	QP (dB)	AV (dB)	L1 / L2
0.15	49.82	--	--	0.00	66.00	56.00	-16.18	-6.18	L1
2.88	34.46	--	--	0.00	56.00	46.00	-21.54	-11.54	L1
4.57	34.54	--	--	0.00	56.00	46.00	-21.46	-11.46	L1
0.15	49.28	--	--	0.00	65.89	55.89	-16.61	-6.61	L2
0.51	31.38	--	--	0.00	56.00	46.00	-24.62	-14.62	L2
4.55	29.52	--	--	0.00	56.00	46.00	-26.48	-16.48	L2
6 Worst Data									

**LINE 1 RESULTS**





**LINE 2 RESULTS**

