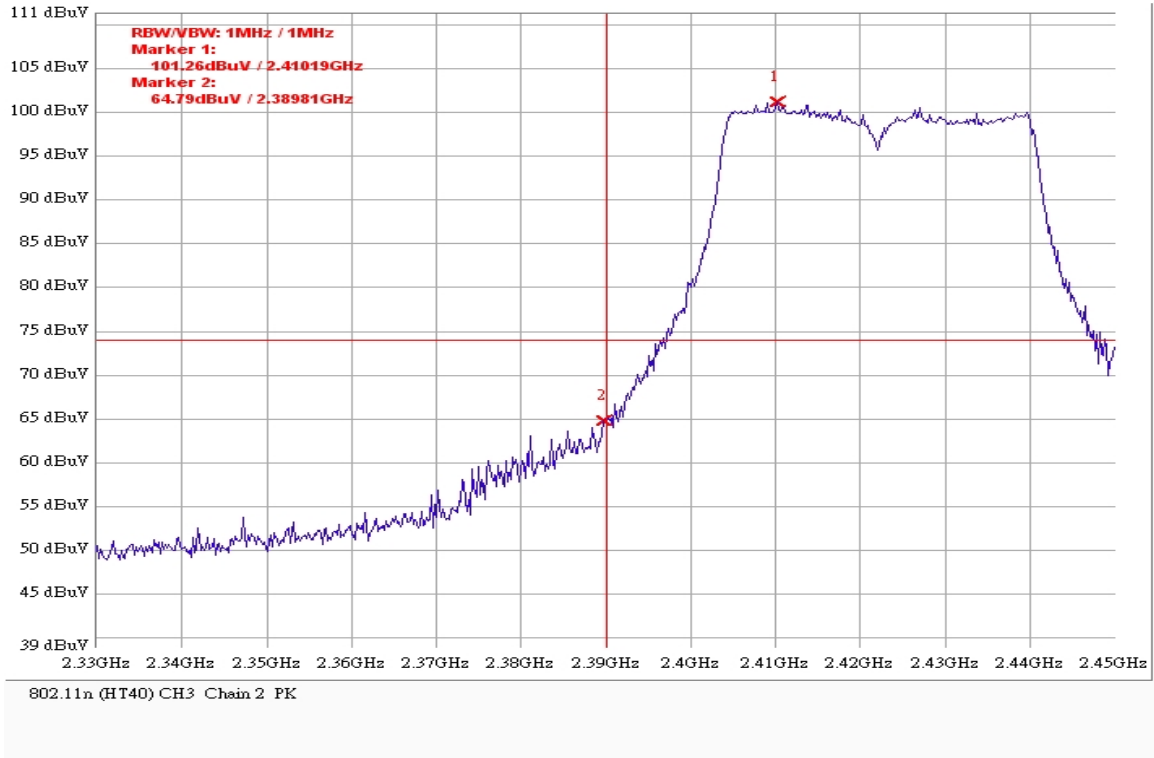
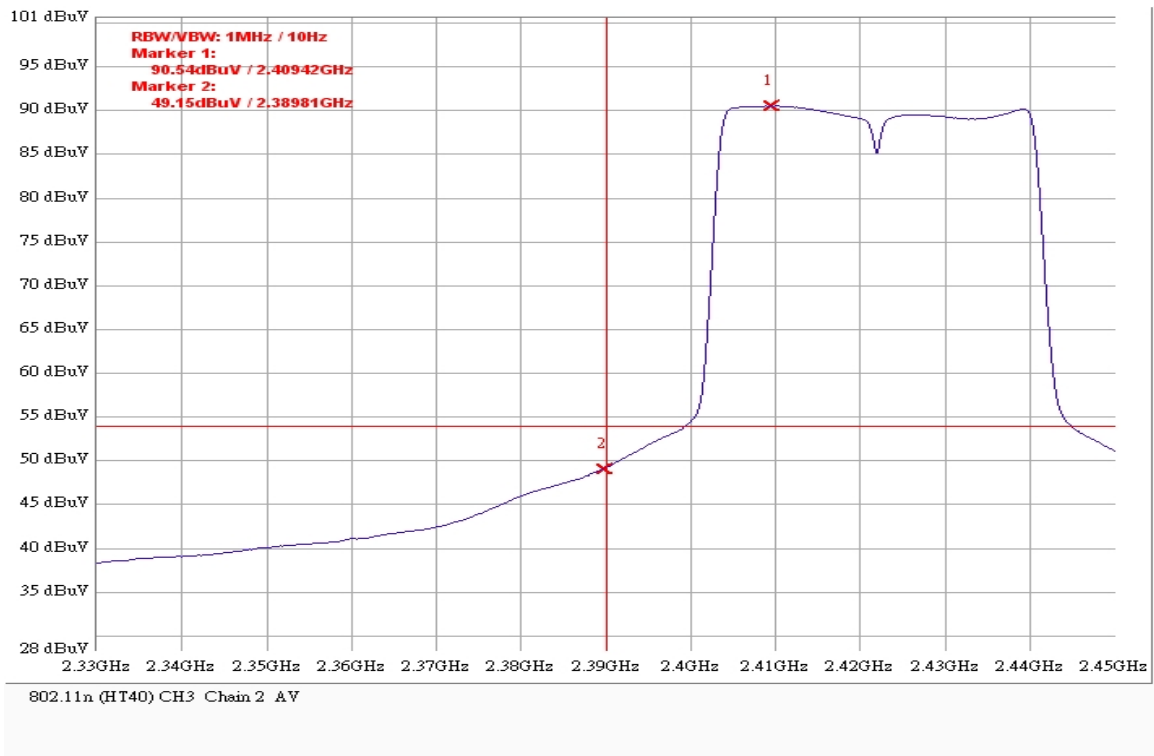


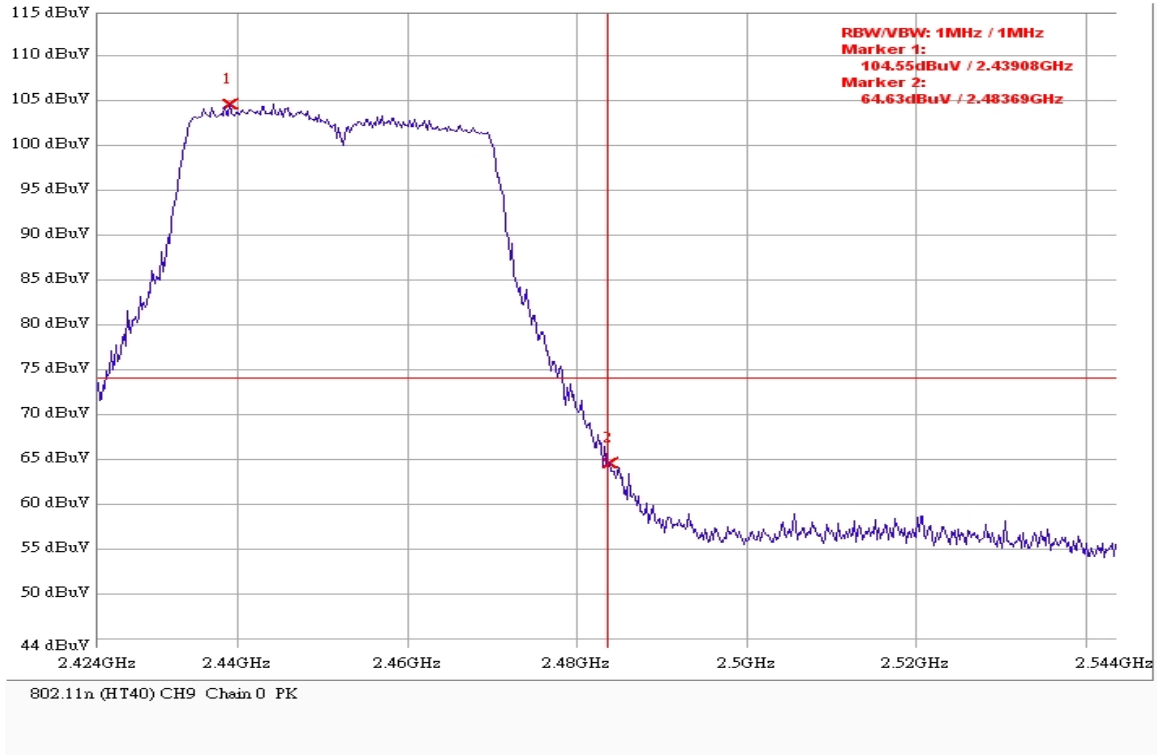
802.11 n (HT40) CH3 Chain 2 PK



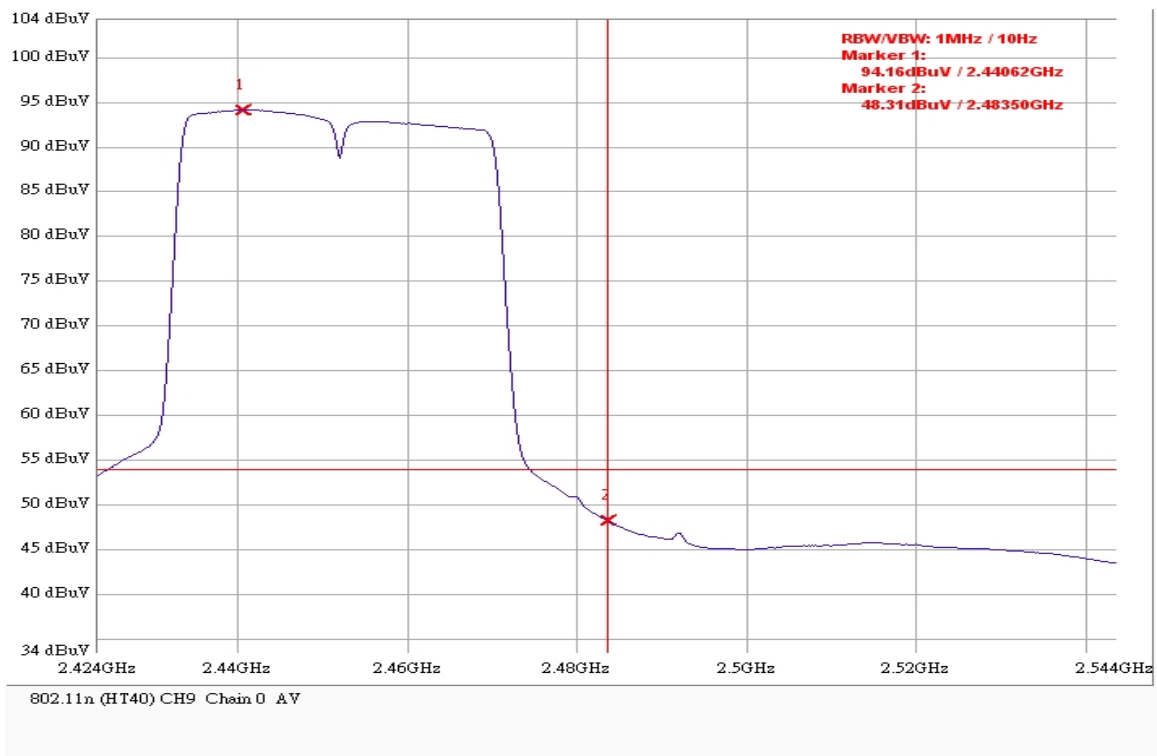
802.11 n (HT40) CH3 Chain 2 AV



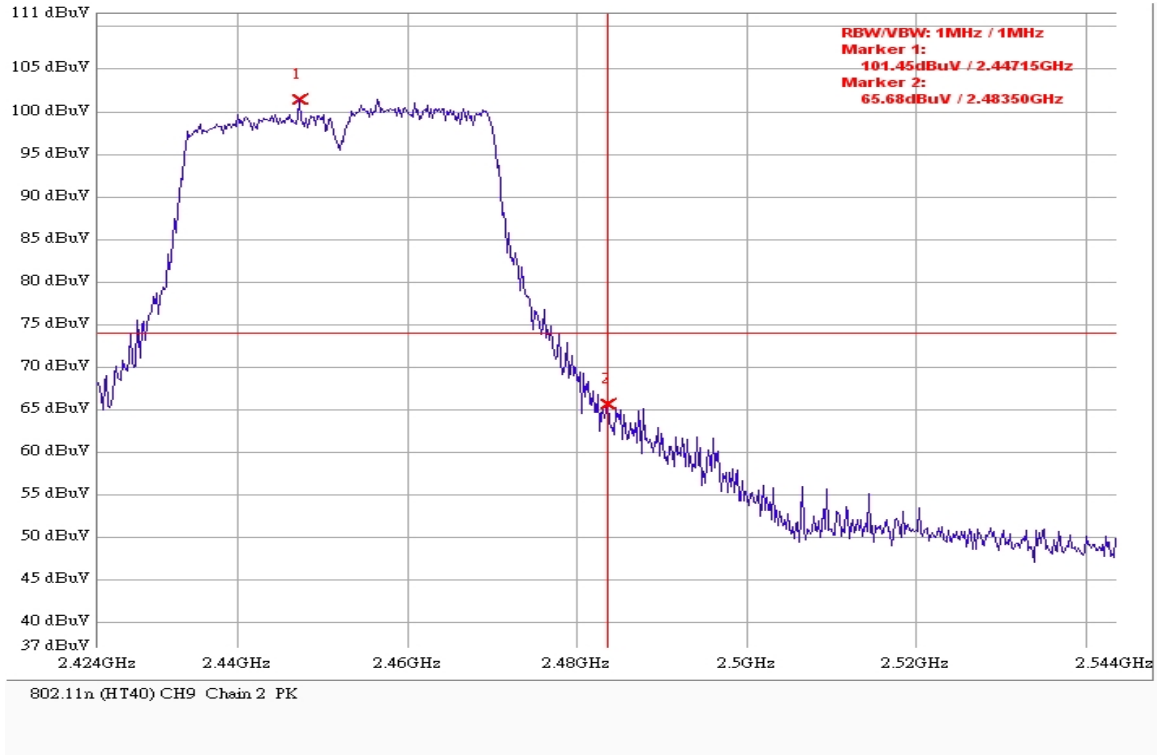
802.11 n (HT40) CH9 Chain 0 PK



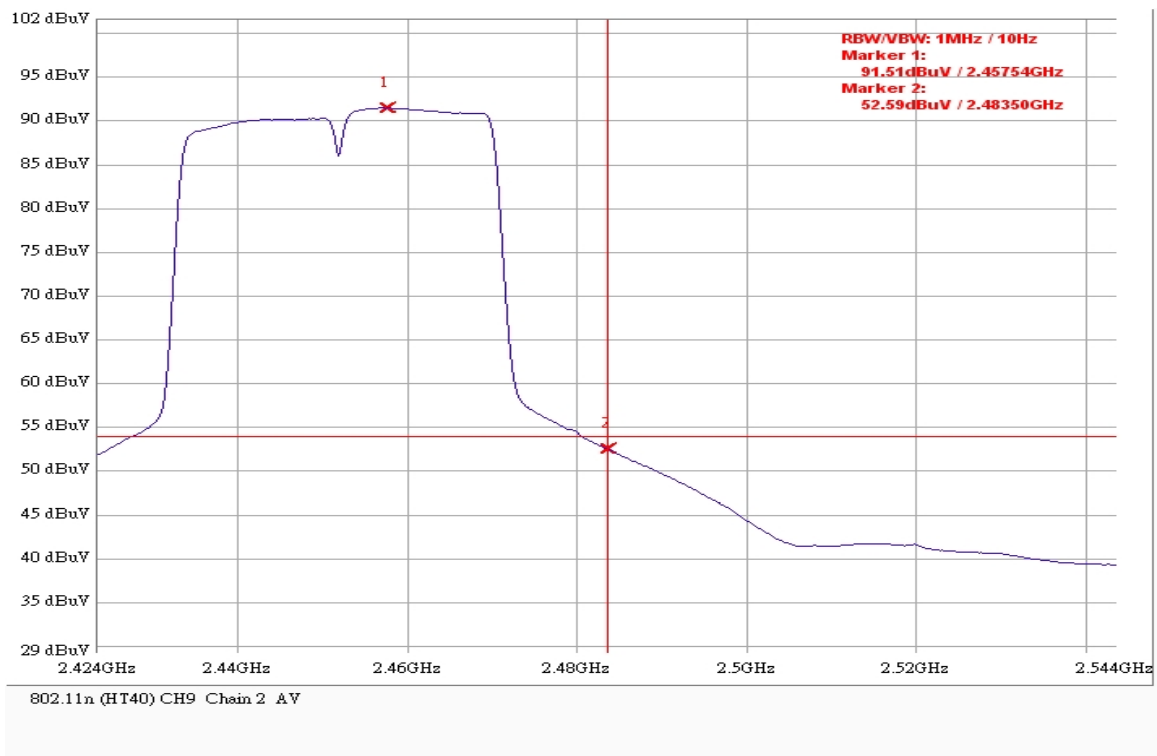
802.11 n (HT40) CH9 Chain 0 AV



802.11 n (HT40) CH9 Chain 2 PK



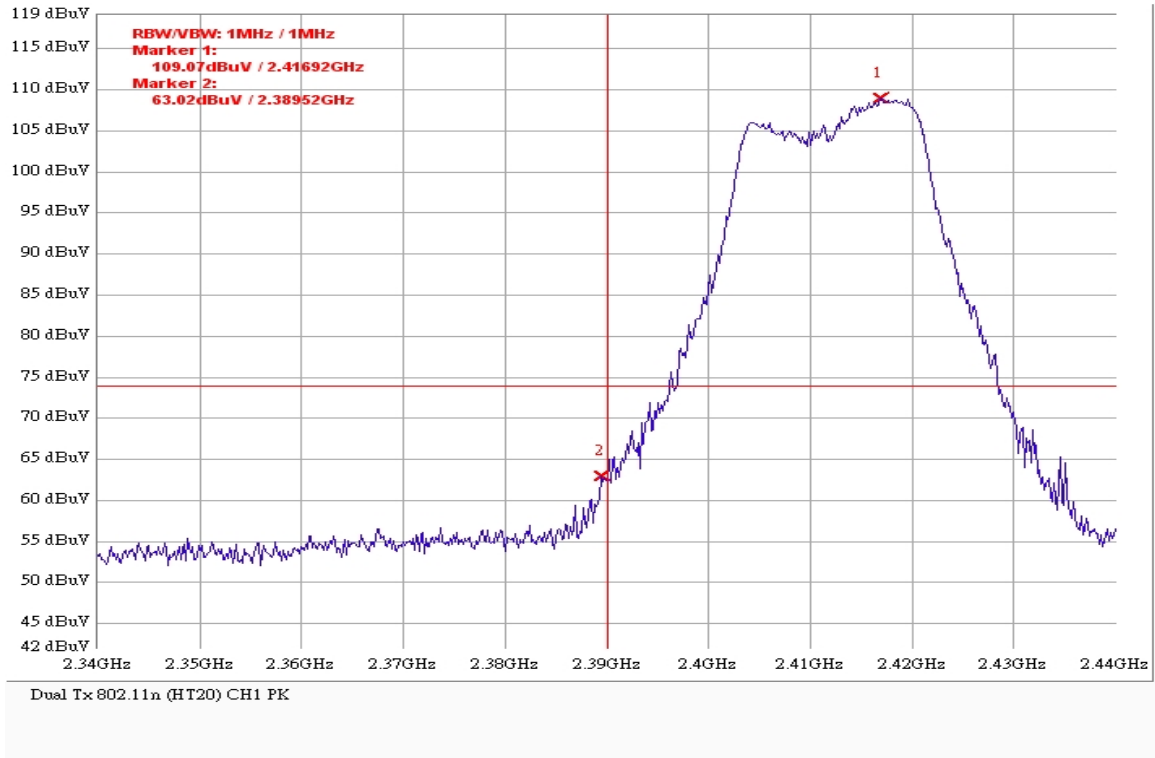
802.11 n (HT40) CH9 Chain 2 AV



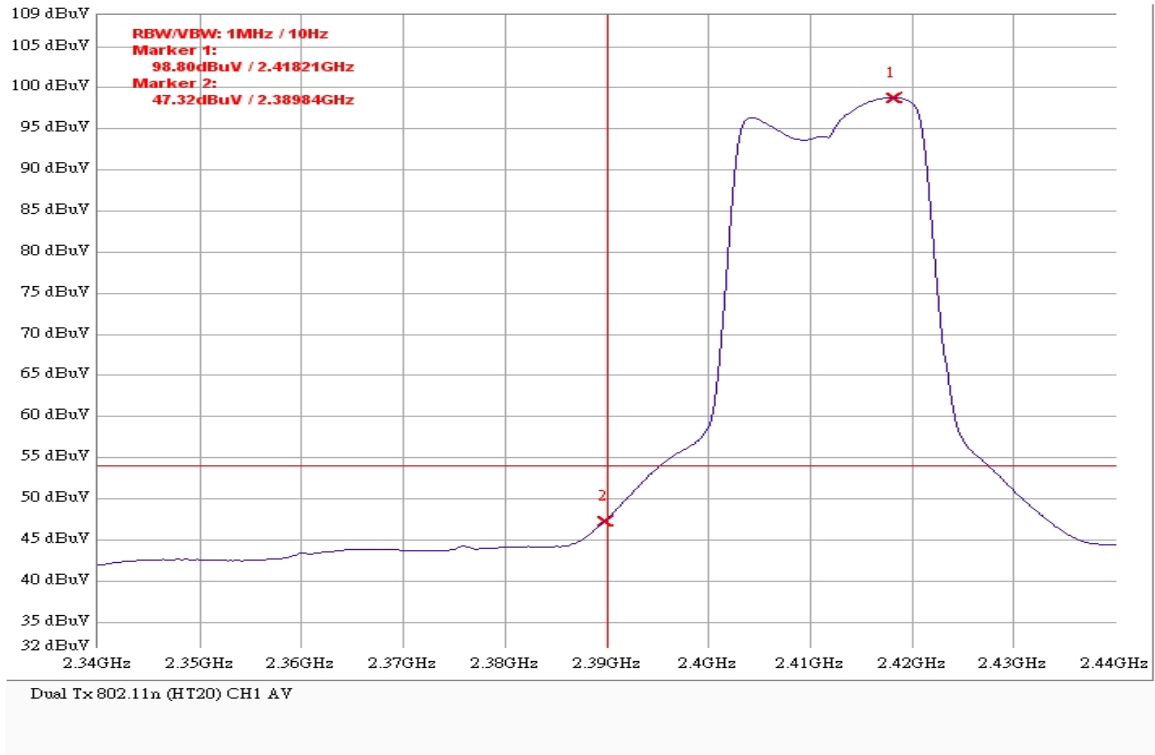
Band edge

2.4G (Dual Tx)

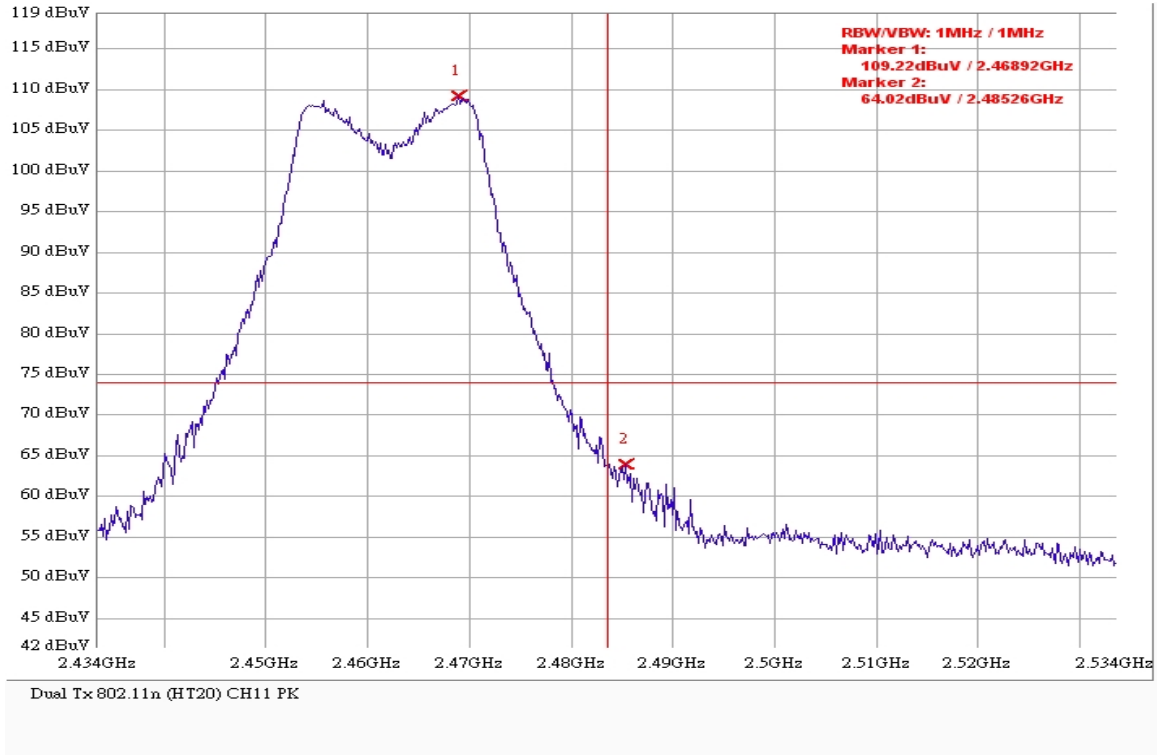
802.11 n (HT20) CH01 PK



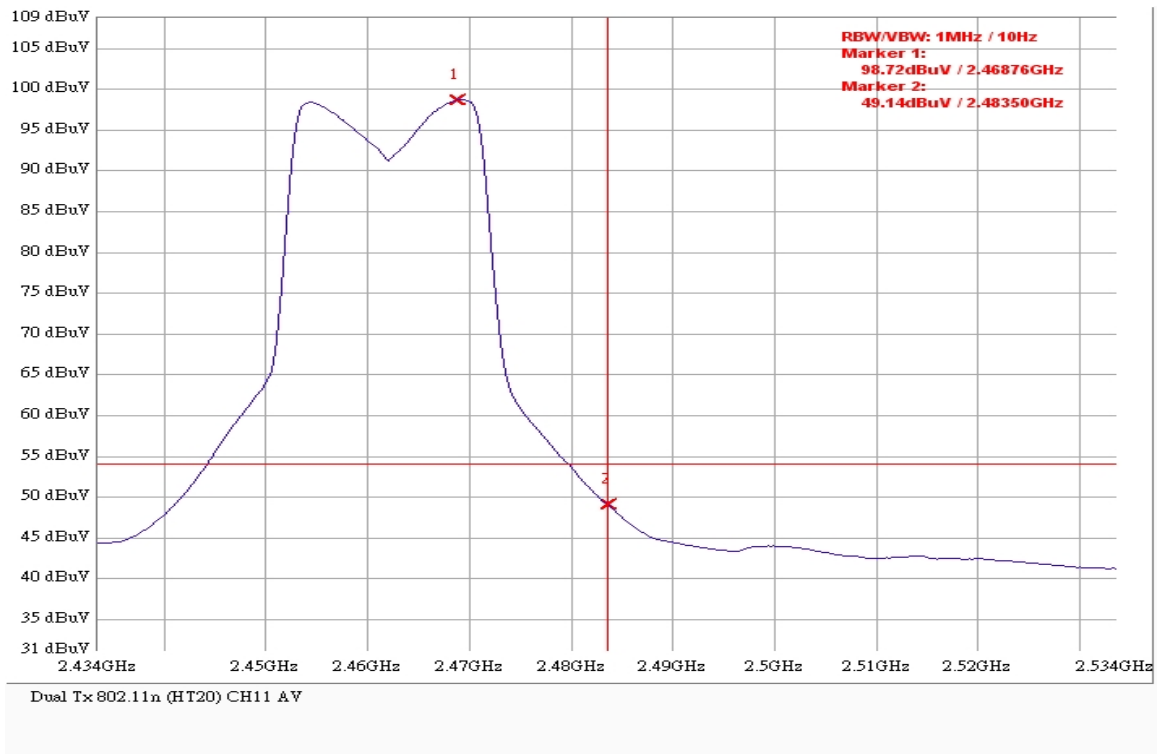
802.11 n (HT20) CH01 AV



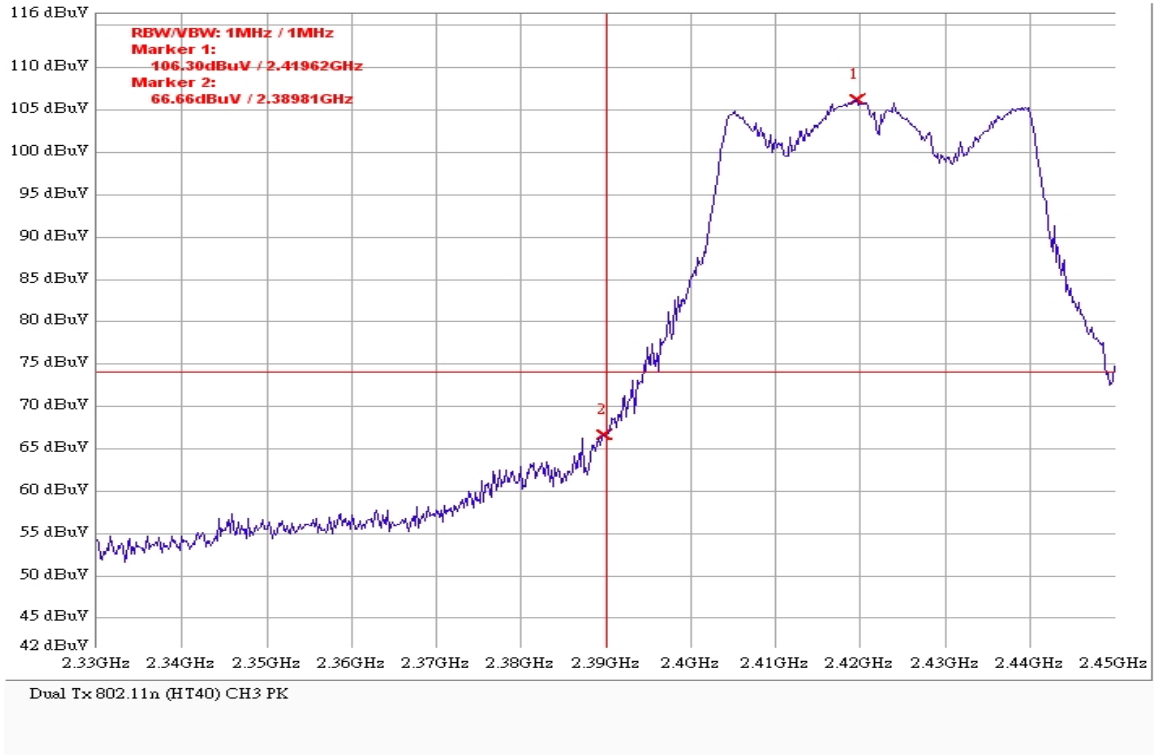
802.11 n (HT20) CH11 PK



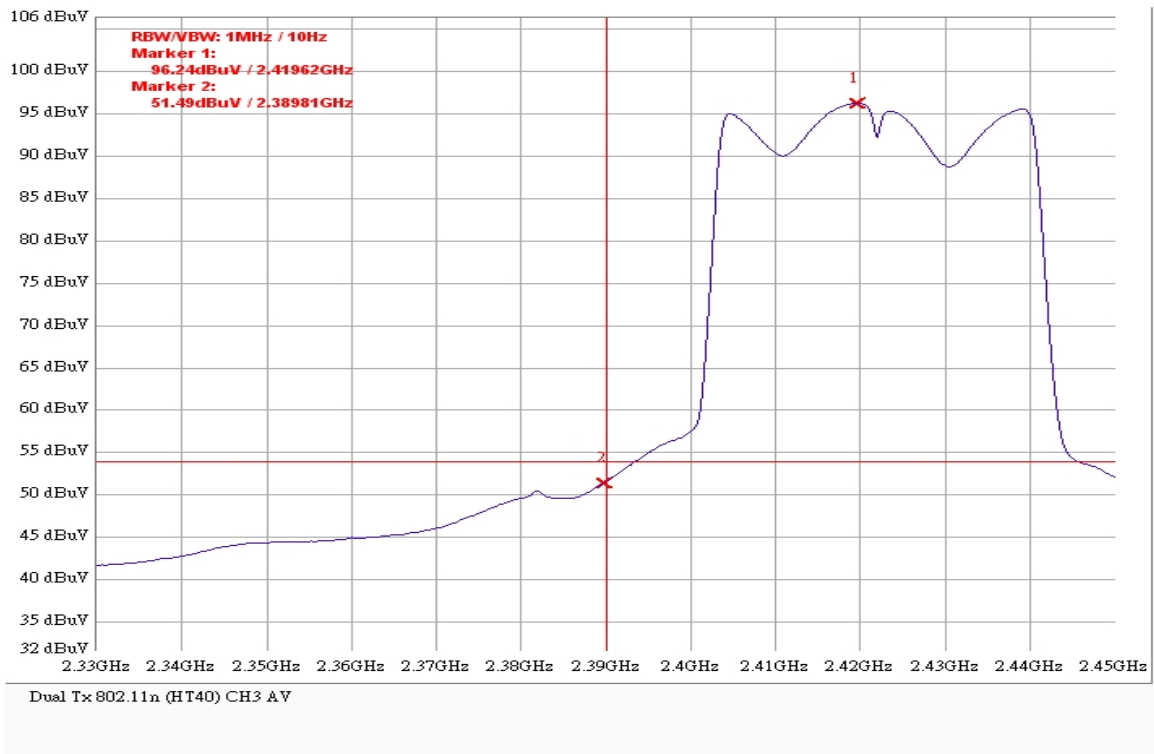
802.11 n (HT20) CH11 AV



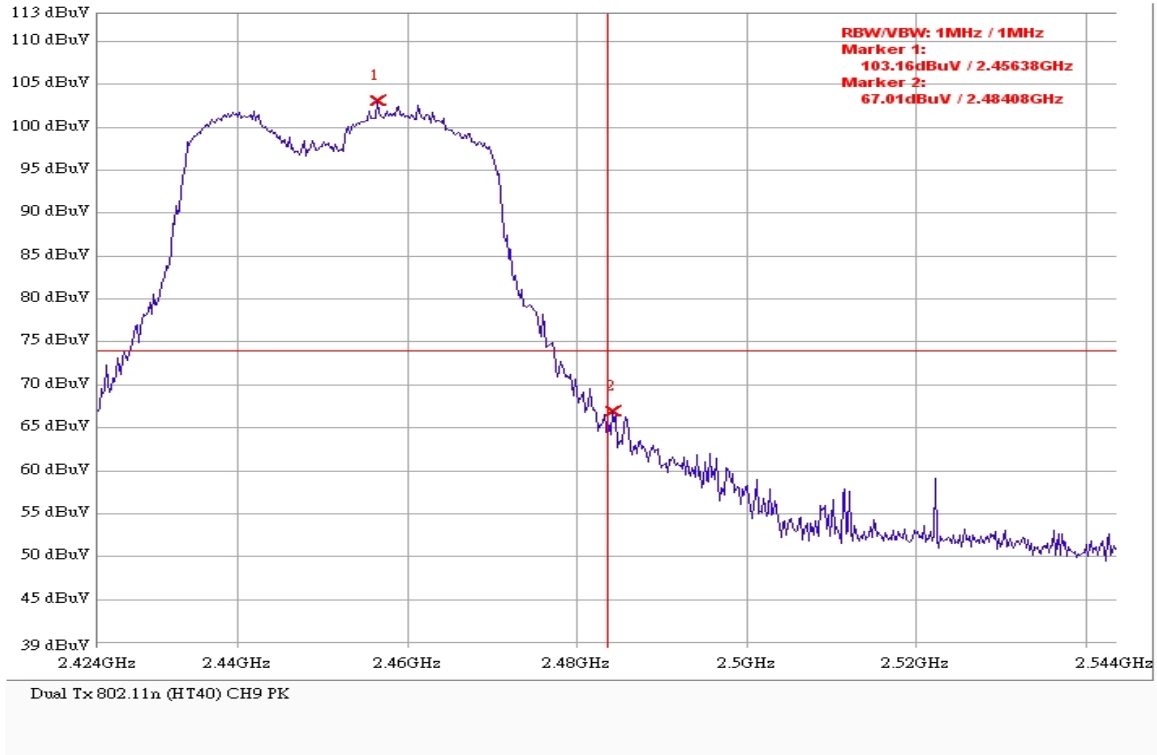
802.11 n (HT40) CH3 PK



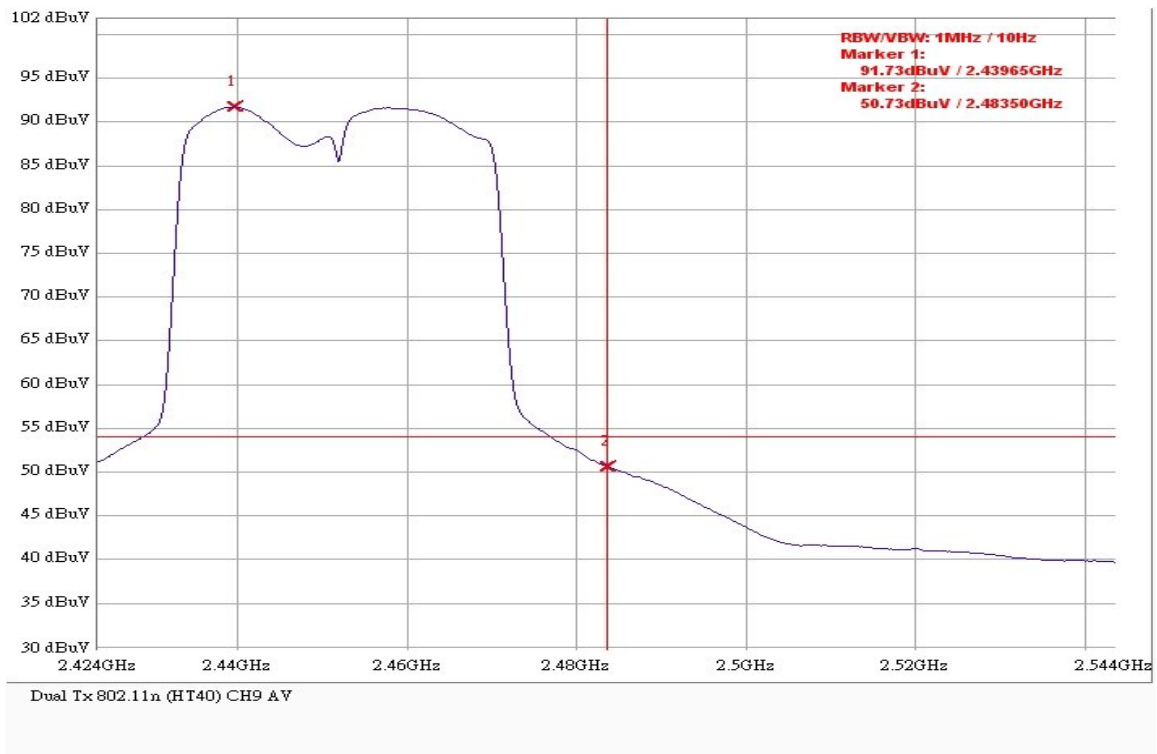
802.11 n (HT40) CH3 AV



802.11 n (HT40) CH09 PK



802.11 n (HT40) CH09 AV



8 AC Power Line Conducted Emission test

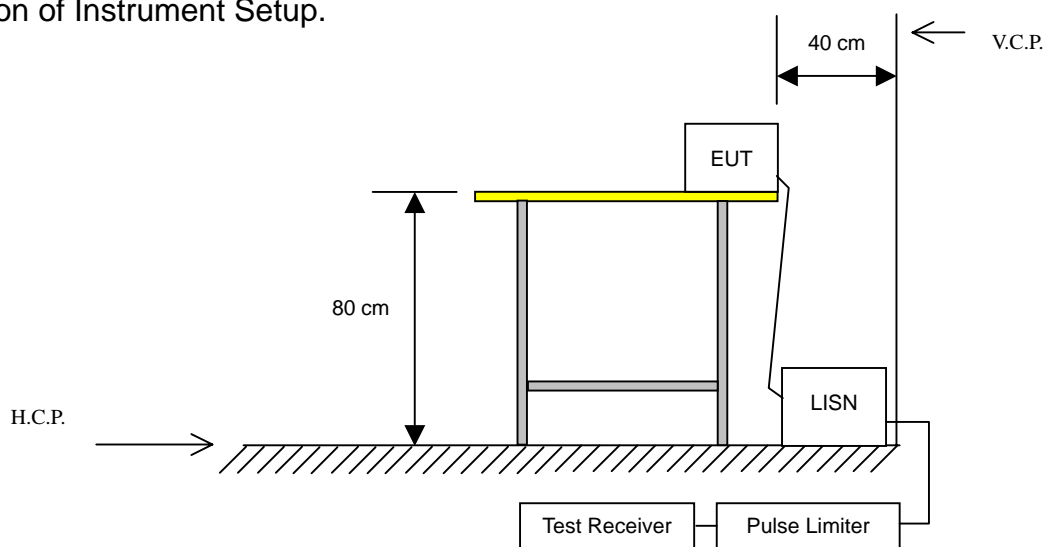
8.1 Limit

Frequency (MHz)	Quasi-Peak (dB μ V)	Average (dB μ V)
0.15 to 0.5	66 to 56	56 to 46
> 0.5 to 5	56	46
> 5 to 30	60	50

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

8.2 Configuration of Measurement

Configuration of Instrument Setup.



8.3 Test Procedures

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

- 1) The EUT was placed 80cm height above ground on a non-conductive table and vertical conducting plane located 40cm to the rear of the EUT.
- 2) The EUT was connected to the main power through Line Impedance Stabilization Networks (LISN). This setup provided a 50ohm/50mH coupling impedance for the measuring equipment. The auxiliary equipment will place in secondary LISN.
- 3) Both sides (Line and Neutral) of AC line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4/2003 on conducted measurement.

8.4 Test Result

PASS.

The final test data is shown on as following pages.

Power Line Conducted Test Data

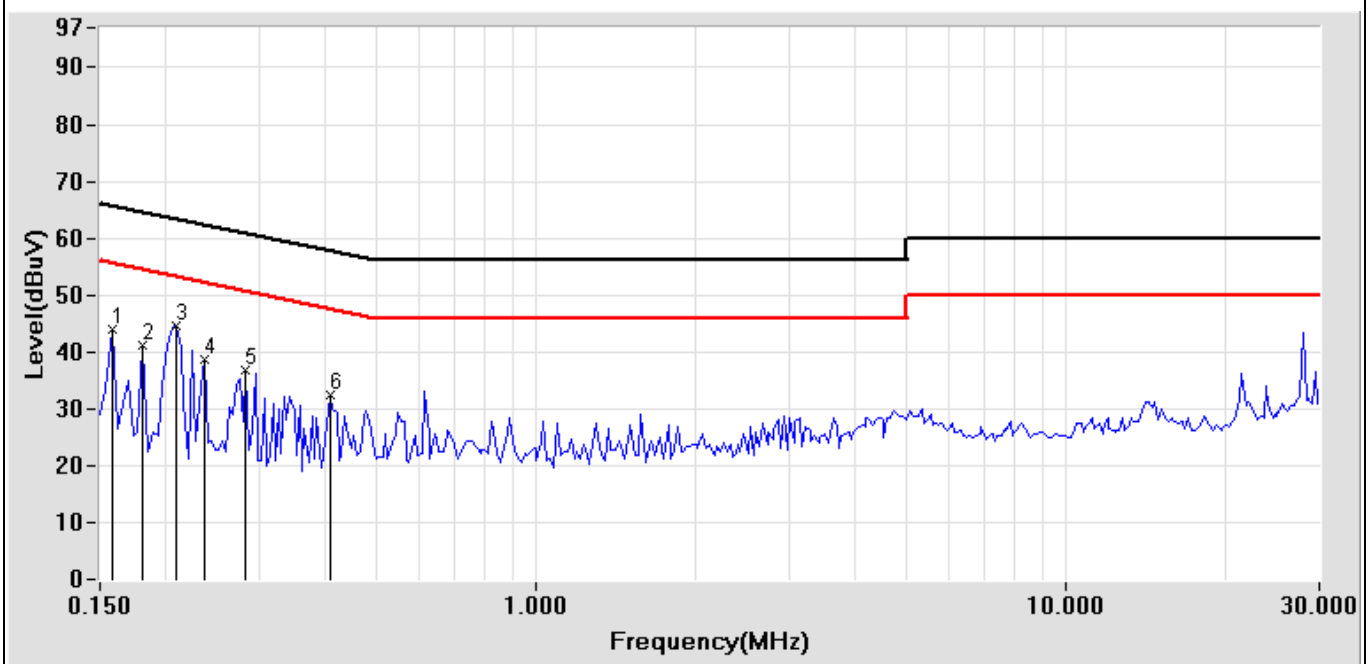
EUT: NoteBook PC CLIENT: MiTAC MODEL: 8212X RATING: 120V/60Hz Temperature: 23.9 °C Humidity: 55 %	POLARITY: Line DISTANCE: Serial No.: FILE/DATA# MiTAC.emi/207 OPERATOR: Raymond TEST SITE: Conduction1
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Frequency (MHz)	Factor (dB)	Meter Reading (dBμV)		Emission Level (dBμV)		Limits (dBμV)		Margin (dB)	
		Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average
0.158	0.14	40.32	22.30	40.46	22.44	65.57	55.57	-25.11	-33.13
0.181	0.12	36.84	17.64	36.96	17.76	64.44	54.44	-27.48	-36.68
0.209	0.10	43.20	33.20	43.30	33.30	63.24	53.24	-19.94	-19.94
0.236	0.10	31.96	11.94	32.06	12.04	62.24	52.24	-30.18	-40.20
0.283	0.10	33.20	24.50	33.30	24.60	60.73	50.73	-27.43	-26.13
0.408	0.10	27.67	21.69	27.77	21.79	57.69	47.69	-29.92	-25.90

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.

LIMIT: CISPR 22-B(QP).LMT



Test Mode: LCD+D-Sub: 1280*800, 60Hz (LAN: 1Gbps) (SKU A)

Power Line Conducted Test Data

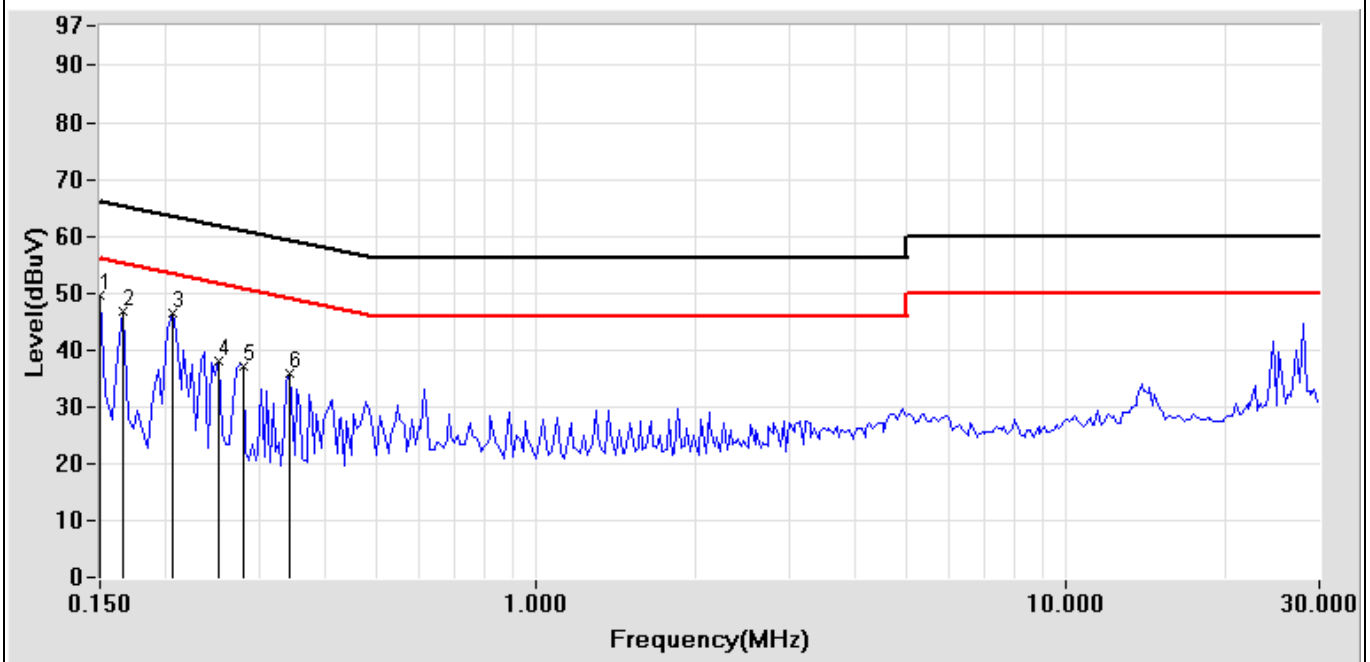
EUT: NoteBook PC CLIENT: MiTAC MODEL: 8212X RATING: 120V/60Hz Temperature: 23.9 °C Humidity: 55 %	POLARITY: Neutral DISTANCE: Serial No.: FILE/DATA# MiTAC.emi/206 OPERATOR: Raymond TEST SITE: Conduction1
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Frequency (MHz)	Factor (dB)	Meter Reading (dBµV)		Emission Level (dBµV)		Limits (dBµV)		Margin (dB)	
		Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average
0.150	0.15	41.45	21.99	41.60	22.14	66.00	56.00	-24.40	-33.86
0.166	0.13	39.64	22.92	39.77	23.05	65.16	55.16	-25.39	-32.11
0.205	0.10	44.78	32.29	44.88	32.39	63.41	53.41	-18.53	-21.02
0.252	0.10	30.30	13.17	30.40	13.27	61.69	51.69	-31.29	-38.42
0.279	0.10	35.30	24.80	35.40	24.90	60.85	50.85	-25.45	-25.95
0.341	0.10	32.18	24.24	32.28	24.34	59.18	49.18	-26.90	-24.84

Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.

LIMIT: CISPR 22-B(QP).LMT



Test Mode: LCD+D-Sub: 1280*800, 60Hz (LAN: 1Gbps) (SKU A)