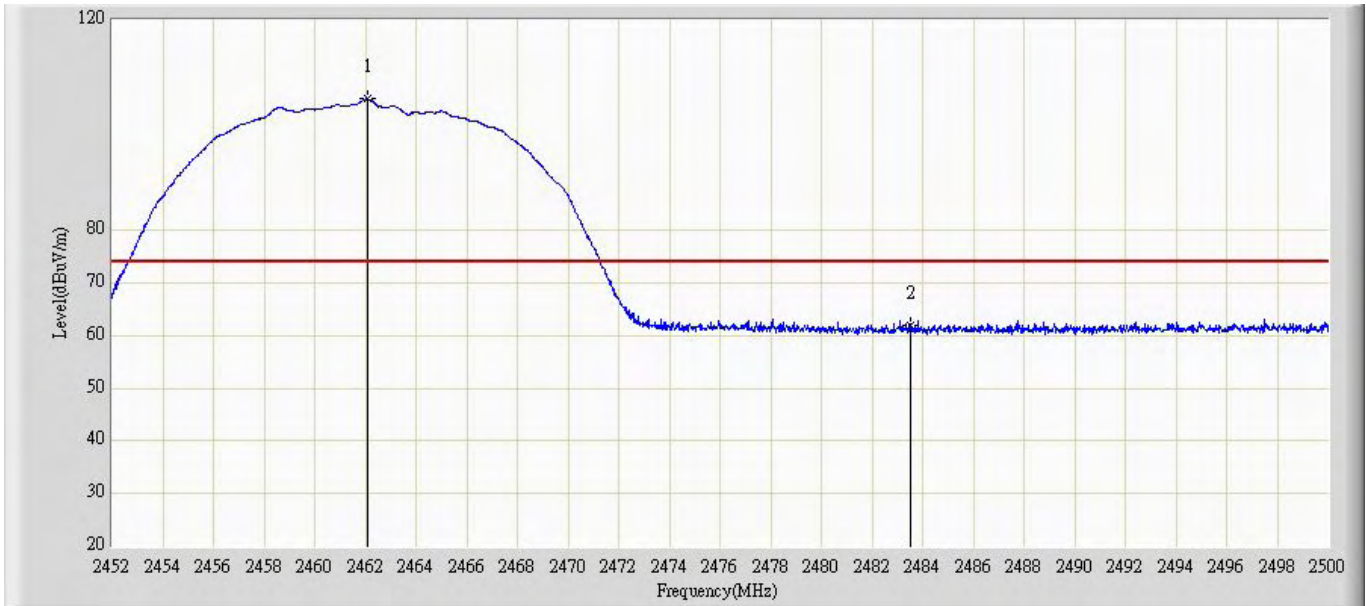
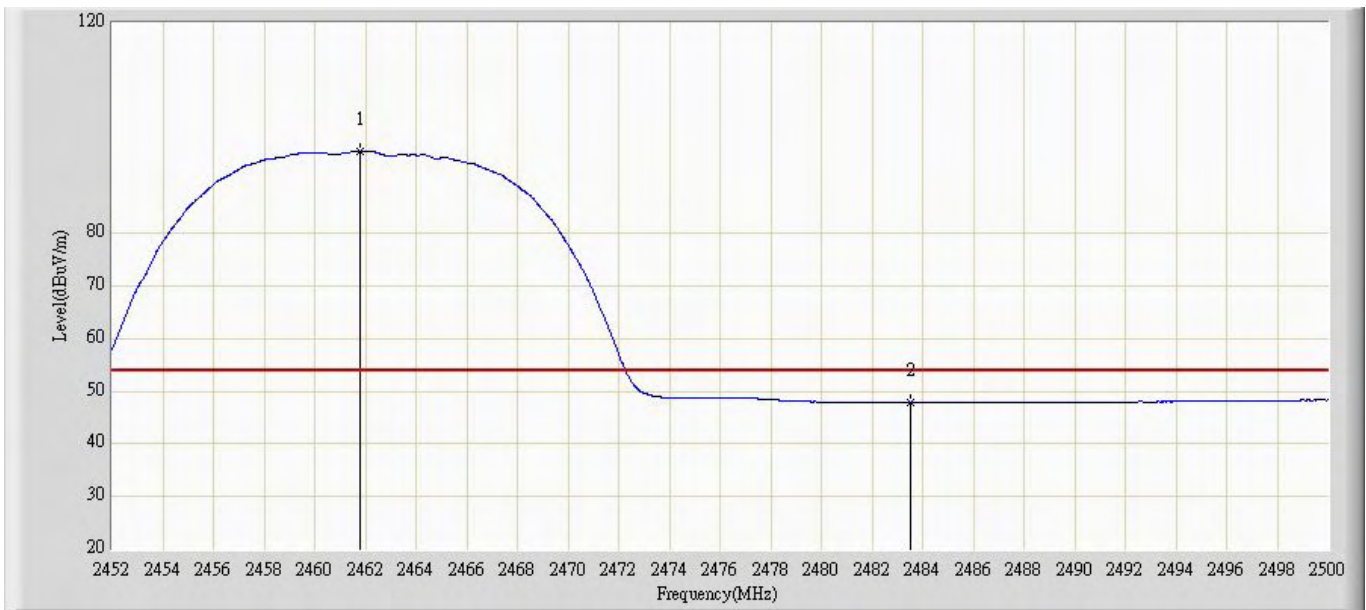


Profile: 11CS021R	Page No.: 5
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 15:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz by 802.11b (chain 0)	



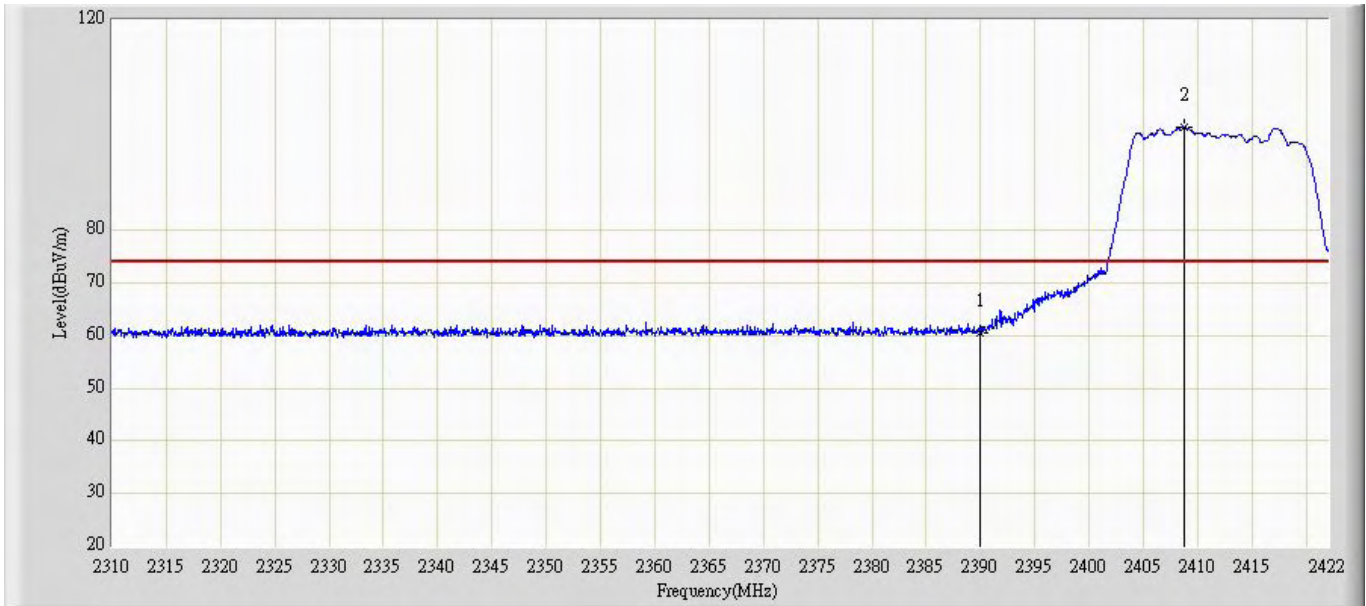
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2462.104	104.954	73.751	N/A	N/A	31.203	PK
2			2483.500	61.818	30.609	-12.182	74.000	31.209	PK

Profile: 11CS021R	Page No.: 6
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 15:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz by 802.11b (chain 0)	



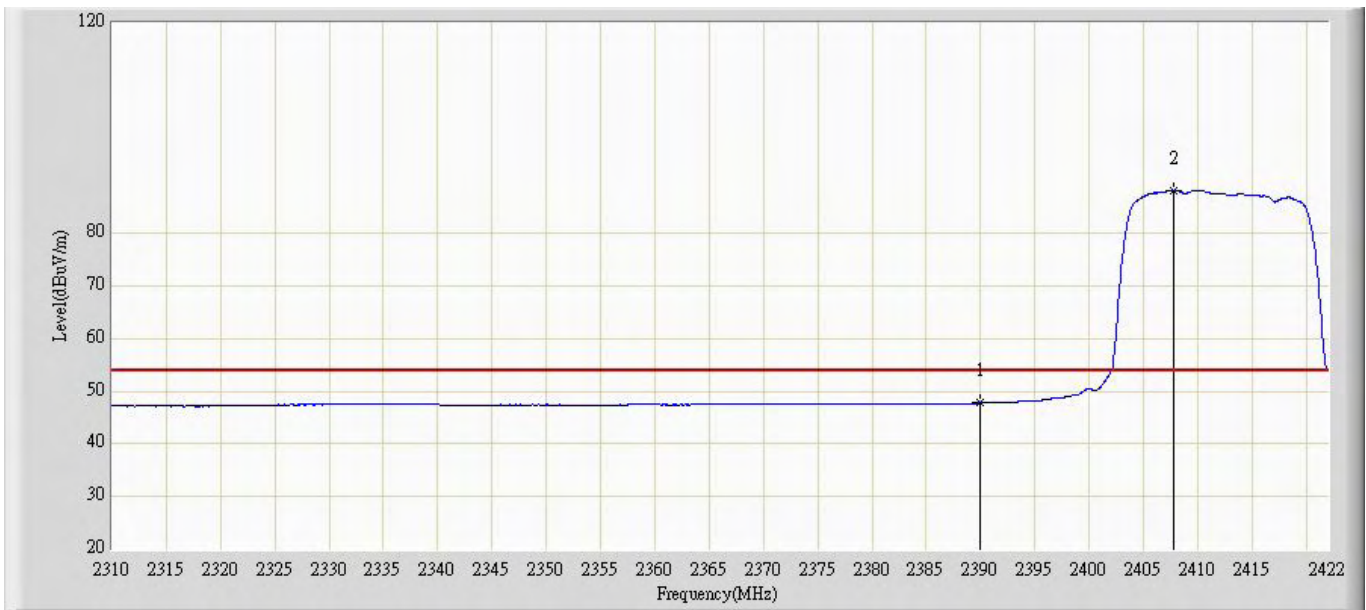
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2461.792	95.639	64.436	N/A	N/A	31.203	AV
2			2483.500	47.916	16.707	-6.084	54.000	31.209	AV

Profile: 11CS021R		Page No.: 17	
Engineer: Toms			
Site: AC5		Time: 2011/12/17 - 15:32	
Limit: FCC_Part15.209_RE(3m)		Margin: 0	
Probe: BBHA9120D_499(1-18GHz)		Polarity: Horizontal	
EUT: Wireless LAN Module		Power: AC 120V/60Hz	
Note: Mode 2: Transmit at channel 2412MHz by 802.11g (chain 0)			



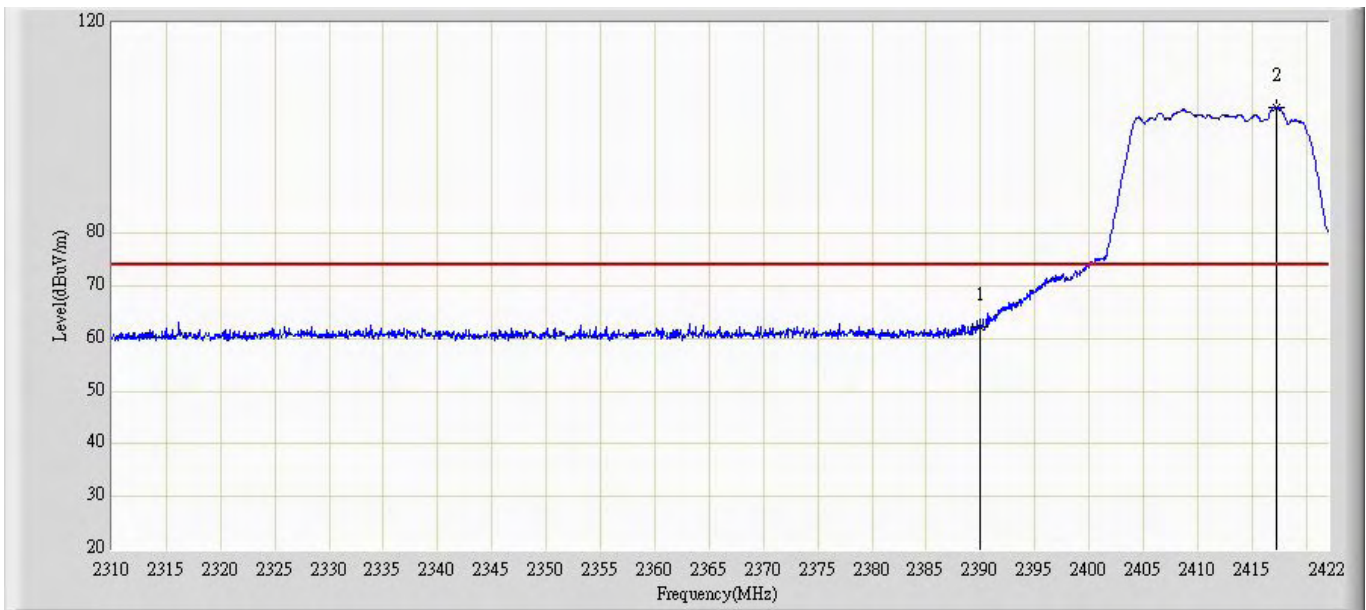
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	60.546	29.361	-13.454	74.000	31.185	PK
2		*	2408.728	99.667	68.487	N/A	N/A	31.180	PK

Profile: 11CS021R	Page No.: 18
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz by 802.11g (chain 0)	



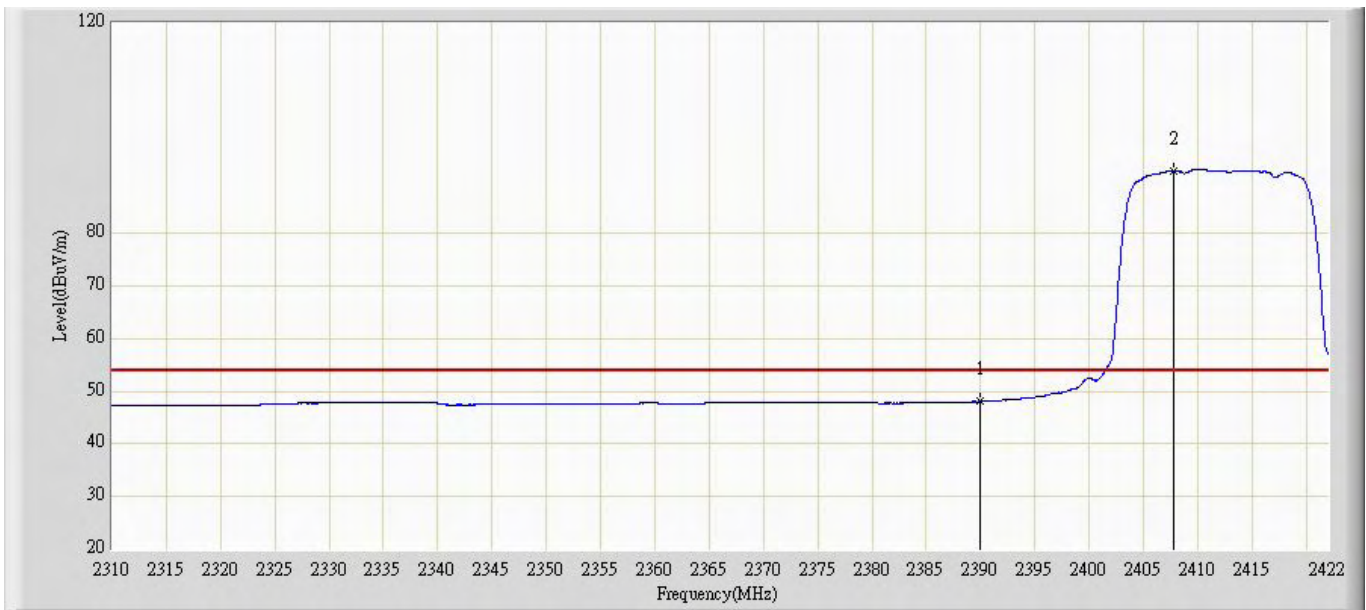
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	47.752	16.567	-6.248	54.000	31.185	AV
2		*	2407.832	88.186	57.005	N/A	N/A	31.181	AV

Profile: 11CS021R	Page No.: 19
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz by 802.11g (chain 0)	



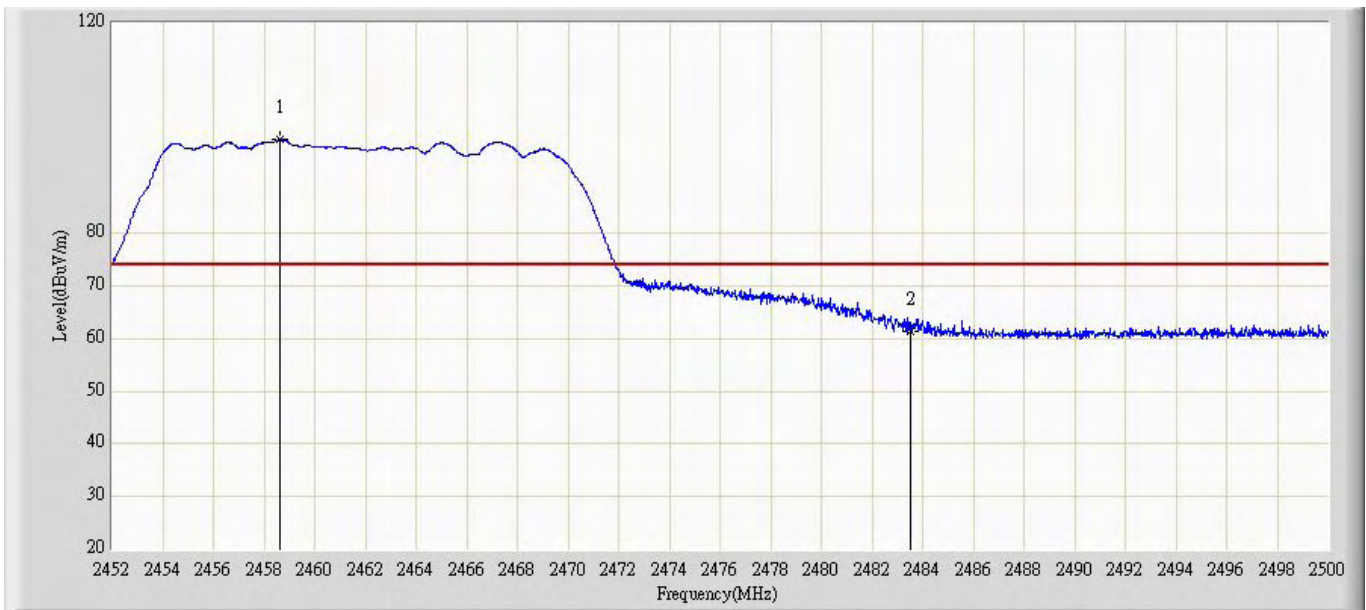
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	62.305	31.120	-11.695	74.000	31.185	PK
2		*	2417.240	104.027	72.845	N/A	N/A	31.182	PK

Profile: 11CS021R	Page No.: 20
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz by 802.11g (chain 0)	



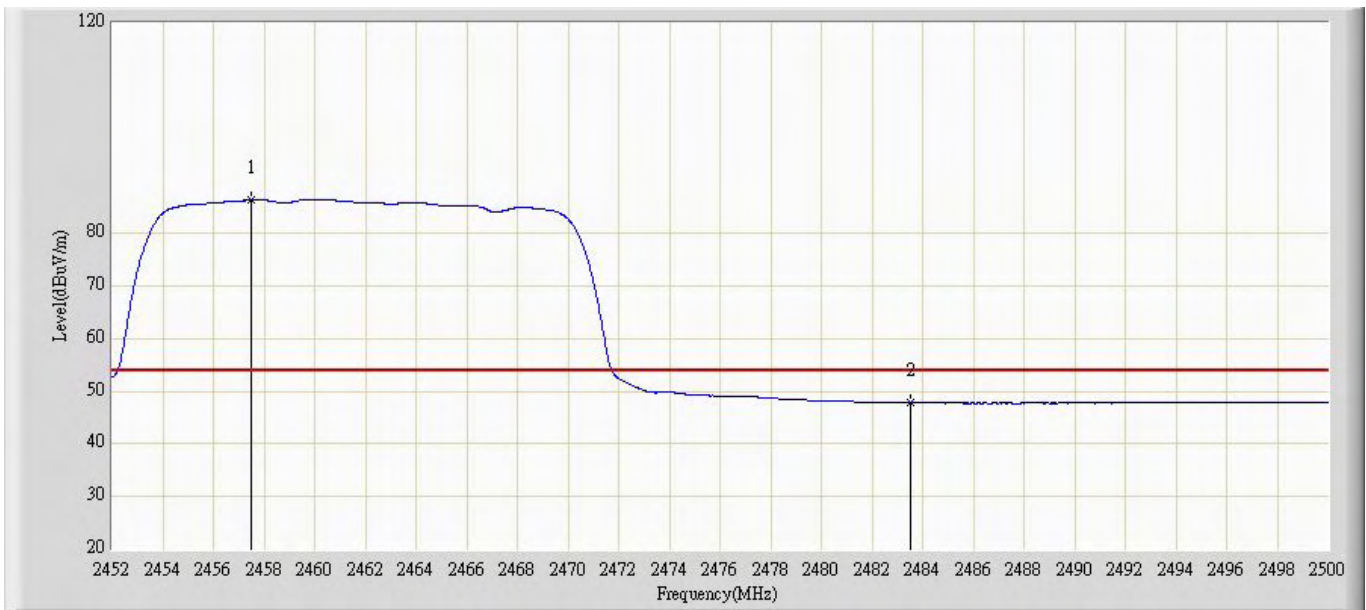
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	48.073	16.888	-5.927	54.000	31.185	AV
2		*	2407.832	91.934	60.753	N/A	N/A	31.181	AV

Profile: 11CS021R	Page No.: 23
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 15:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz by 802.11g (chain 0)	



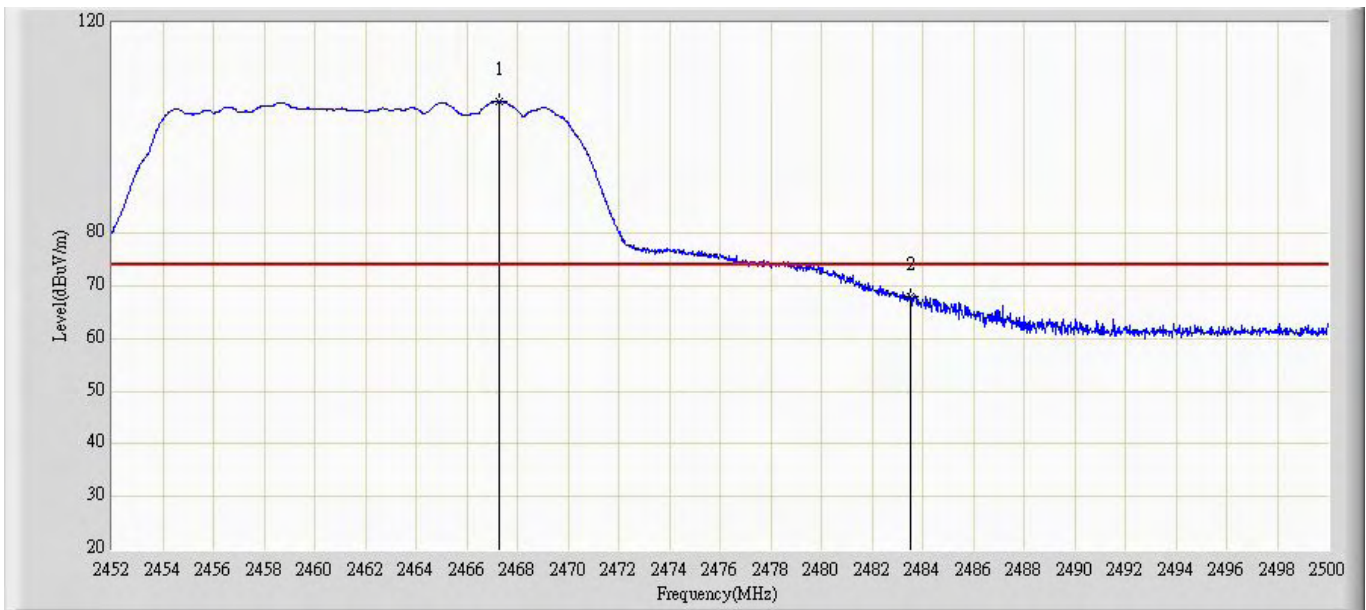
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2458.624	97.767	66.568	N/A	N/A	31.199	PK
2			2483.500	61.519	30.310	-12.481	74.000	31.209	PK

Profile: 11CS021R	Page No.: 24
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 15:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz by 802.11g (chain 0)	



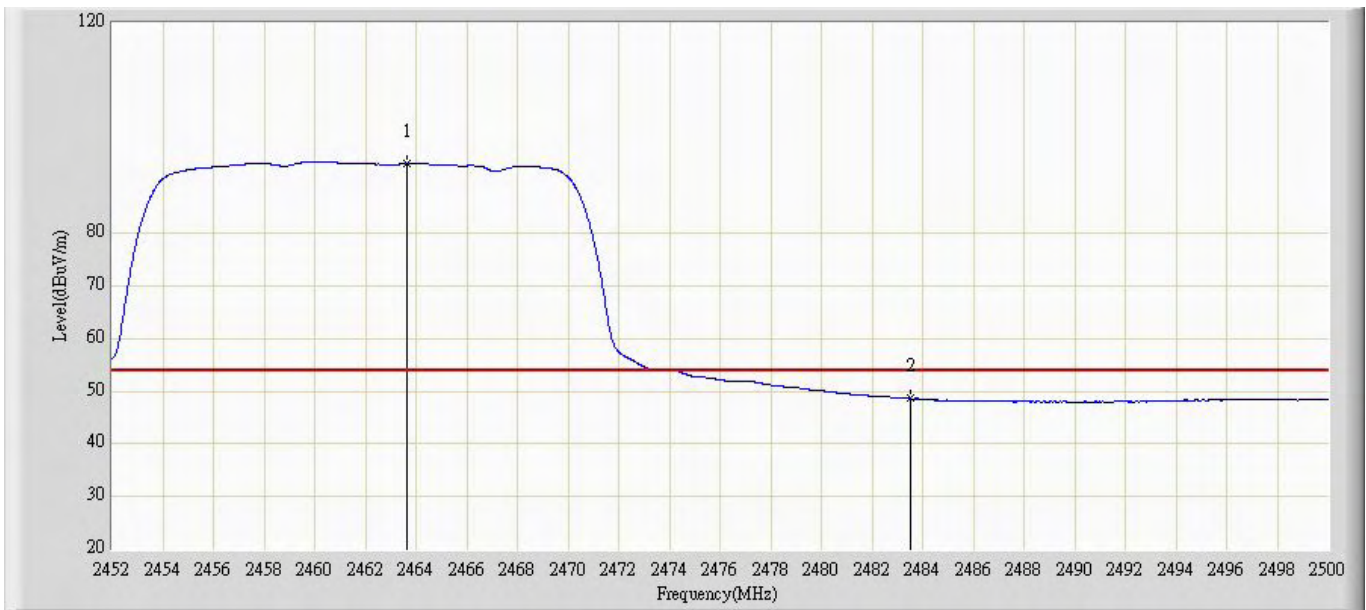
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2457.496	86.369	55.171	N/A	N/A	31.198	AV
2			2483.500	47.826	16.617	-6.174	54.000	31.209	AV

Profile: 11CS021R	Page No.: 21
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 15:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz by 802.11g (chain 0)	



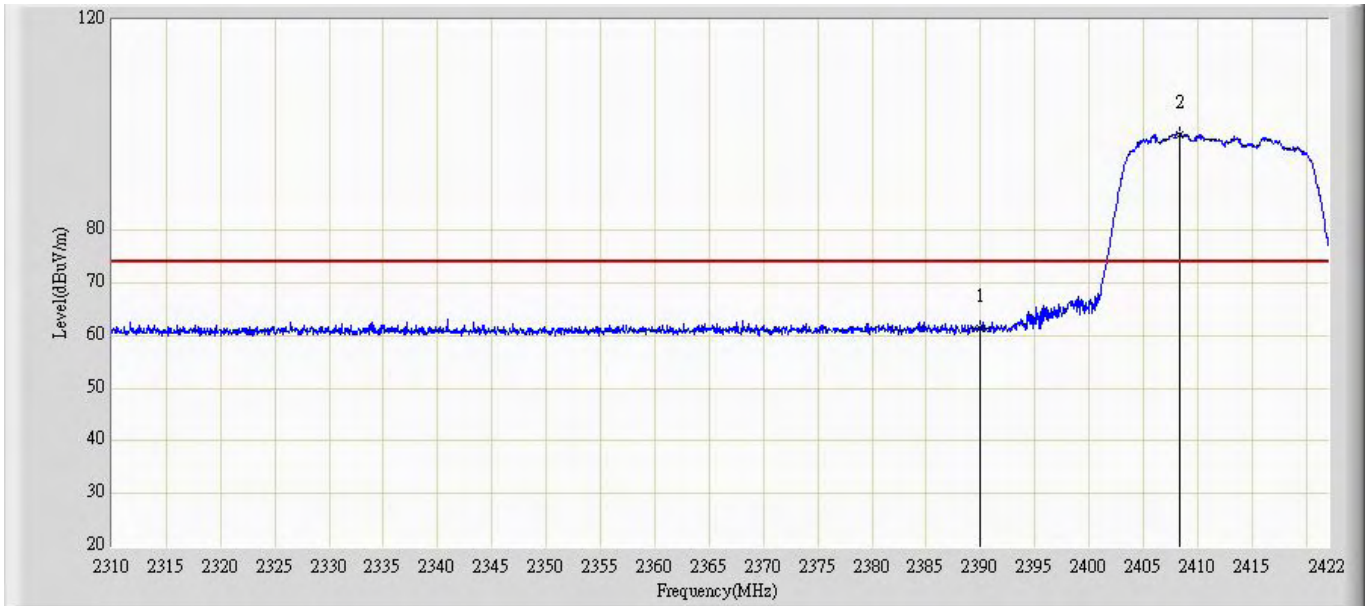
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2467.288	105.051	73.847	N/A	N/A	31.204	PK
2			2483.500	67.886	36.677	-6.114	74.000	31.209	PK

Profile: 11CS021R	Page No.: 22
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 15:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz by 802.11g (chain 0)	



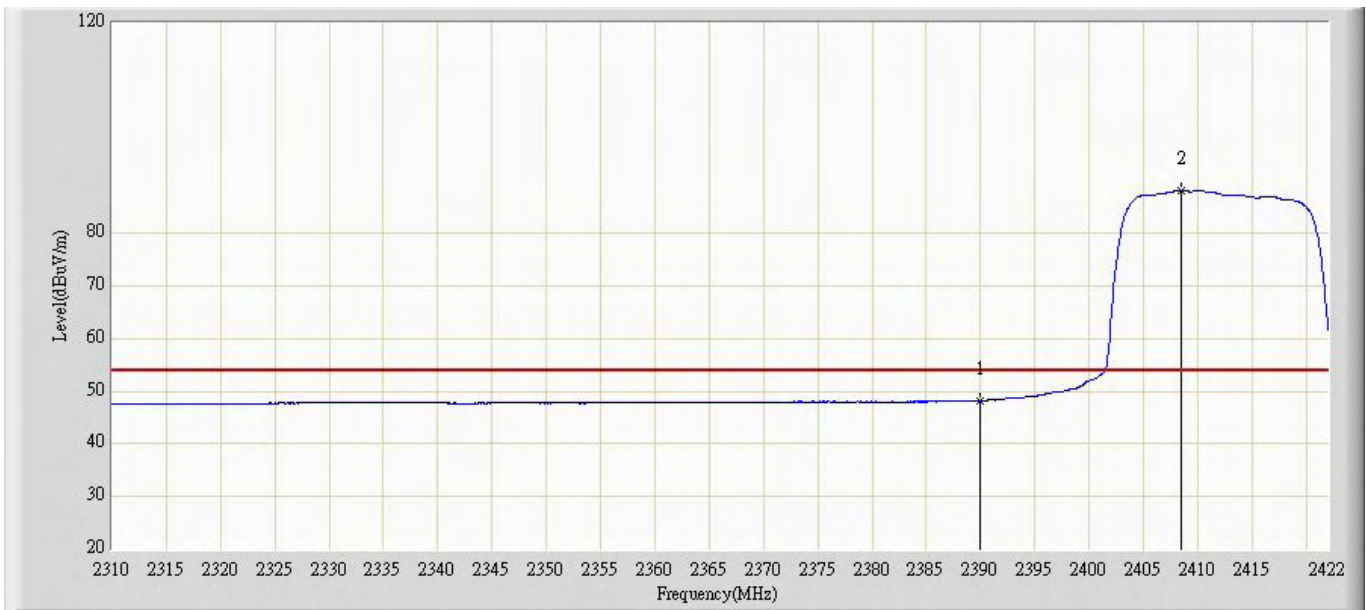
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2463.616	93.222	62.019	N/A	N/A	31.203	AV
2			2483.500	48.596	17.387	-5.404	54.000	31.209	AV

Profile: 11CS021R		Page No.: 35	
Engineer: Toms			
Site: AC5		Time: 2011/12/17 - 16:01	
Limit: FCC_Part15.209_RE(3m)		Margin: 0	
Probe: BBHA9120D_499(1-18GHz)		Polarity: Horizontal	
EUT: Wireless LAN Module		Power: AC 120V/60Hz	
Note: Mode 3: Transmit at channel 2412MHz by 802.11n(20MHz) (chain 0)			



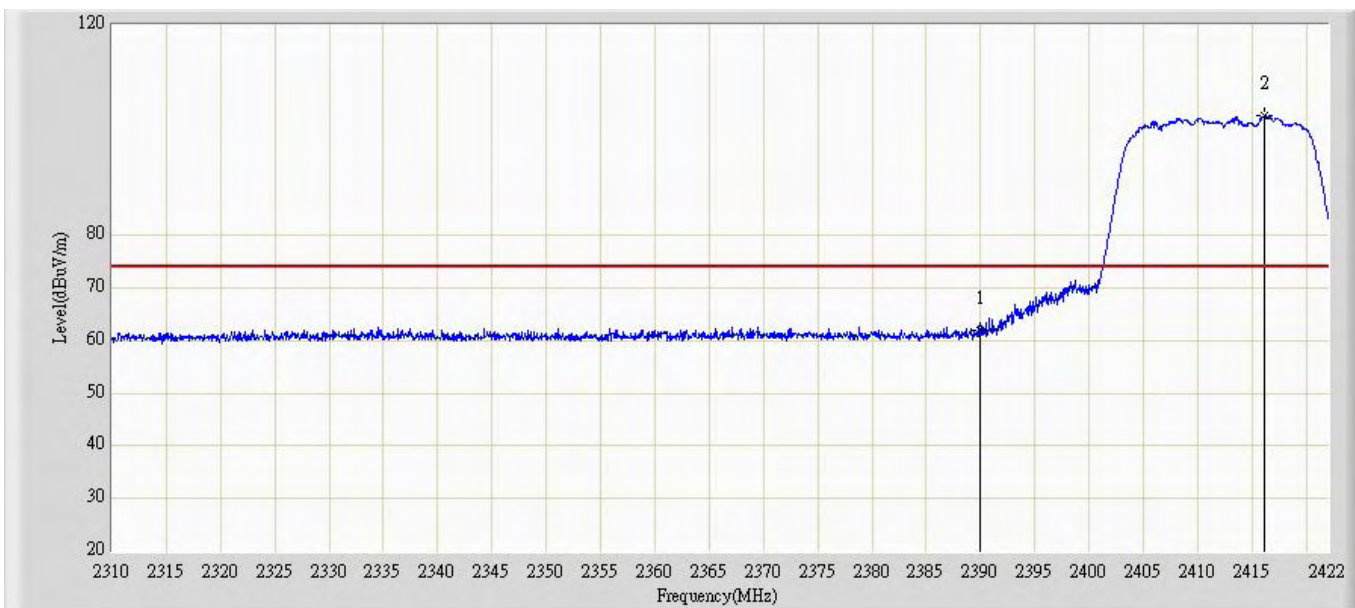
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	61.299	30.114	-12.701	74.000	31.185	PK
2		*	2408.336	98.176	66.996	N/A	N/A	31.181	PK

Profile: 11CS021R	Page No.: 36
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz by 802.11n(20MHz) (chain 0)	



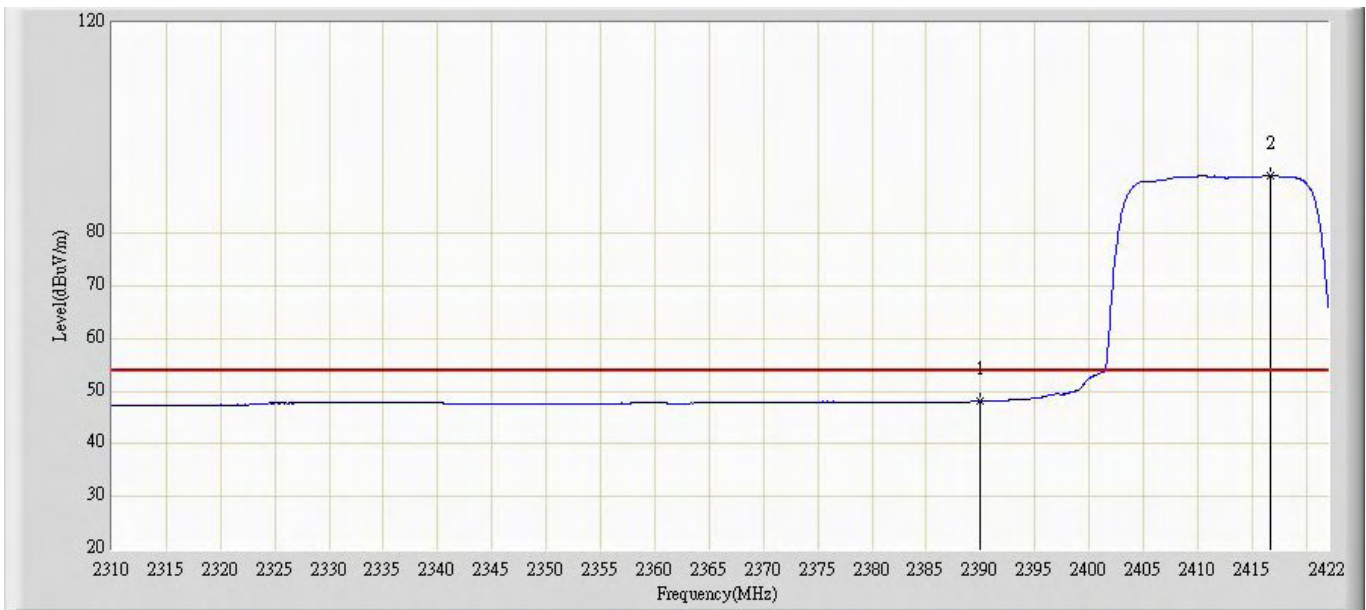
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	48.261	17.076	-5.739	54.000	31.185	AV
2		*	2408.504	88.032	56.852	N/A	N/A	31.180	AV

Profile: 11CS021R	Page No.: 33
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz by 802.11n(20MHz) (chain 0)	



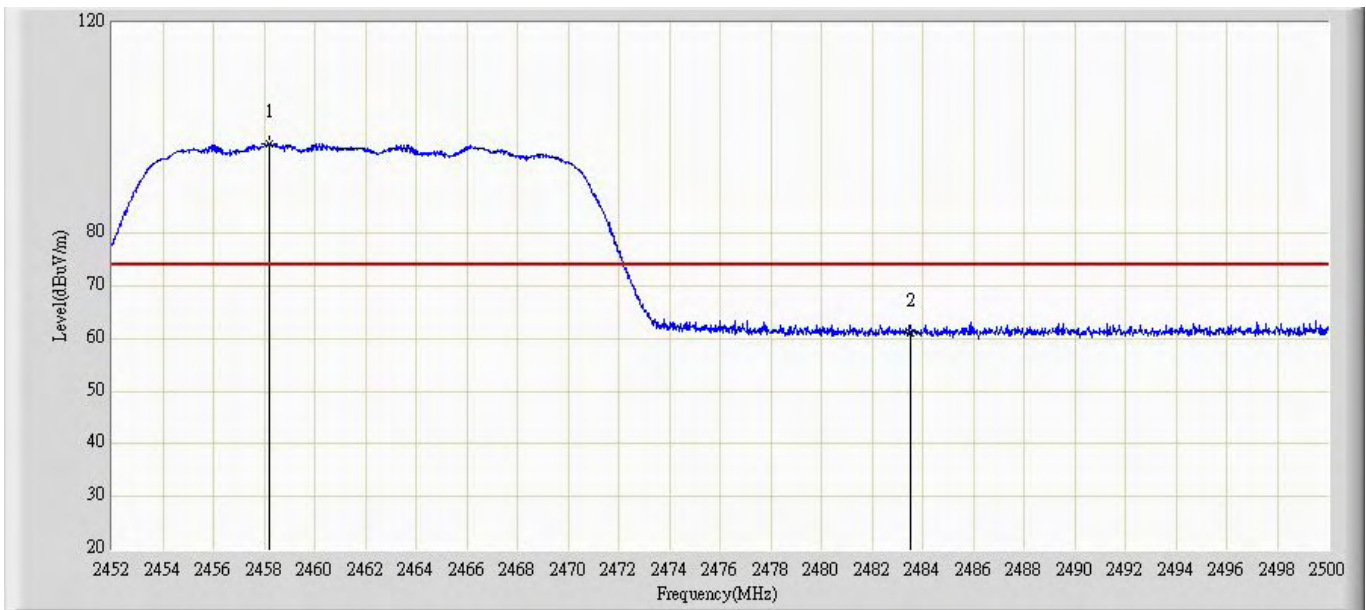
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	61.879	30.694	-12.121	74.000	31.185	PK
2		*	2416.176	102.777	71.595	N/A	N/A	31.182	PK

Profile: 11CS021R	Page No.: 34
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz by 802.11n(20MHz) (chain 0)	



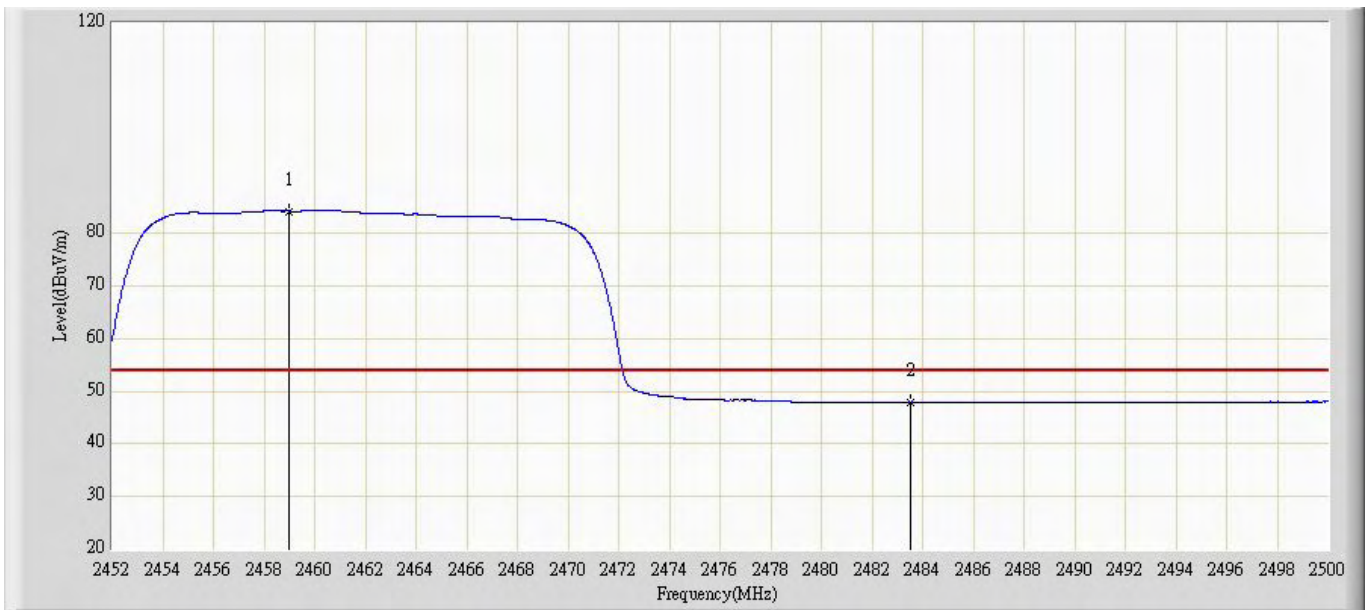
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	48.081	16.896	-5.919	54.000	31.185	AV
2		*	2416.736	90.986	59.804	N/A	N/A	31.182	AV

Profile: 11CS021R	Page No.: 39
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 16:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz by 802.11n(20MHz) (chain 0)	



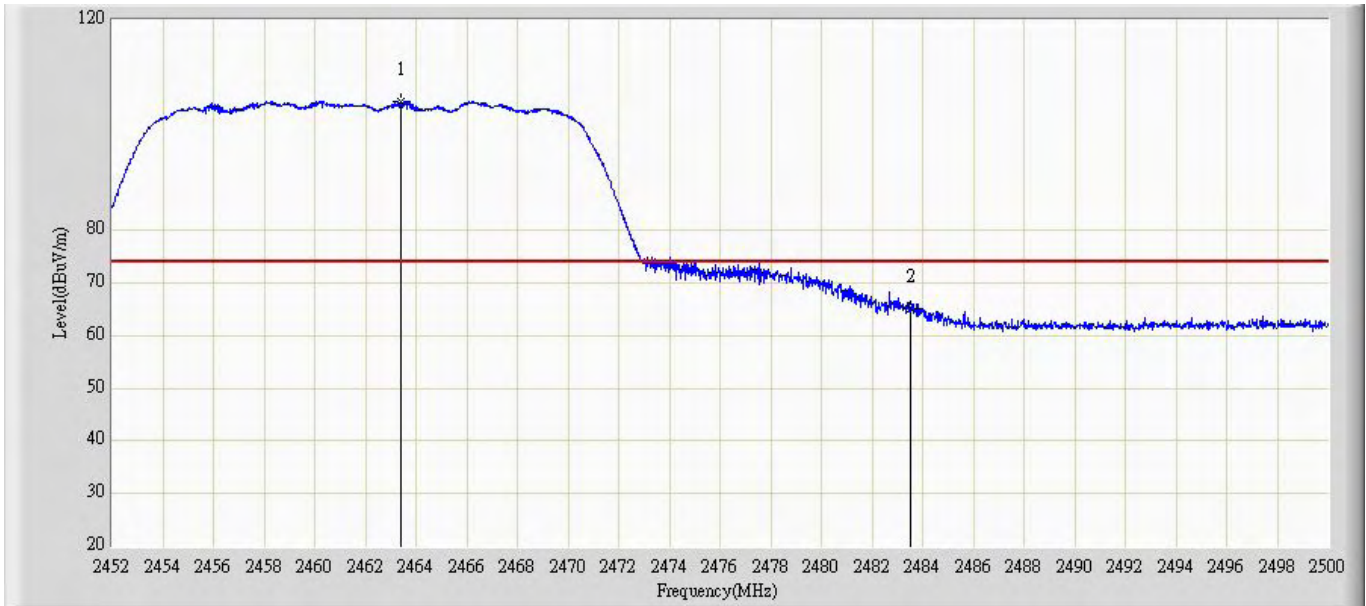
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2458.192	96.941	65.742	N/A	N/A	31.199	PK
2			2483.500	60.951	29.742	-13.049	74.000	31.209	PK

Profile: 11CS021R	Page No.: 40
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 16:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz by 802.11n(20MHz) (chain 0)	



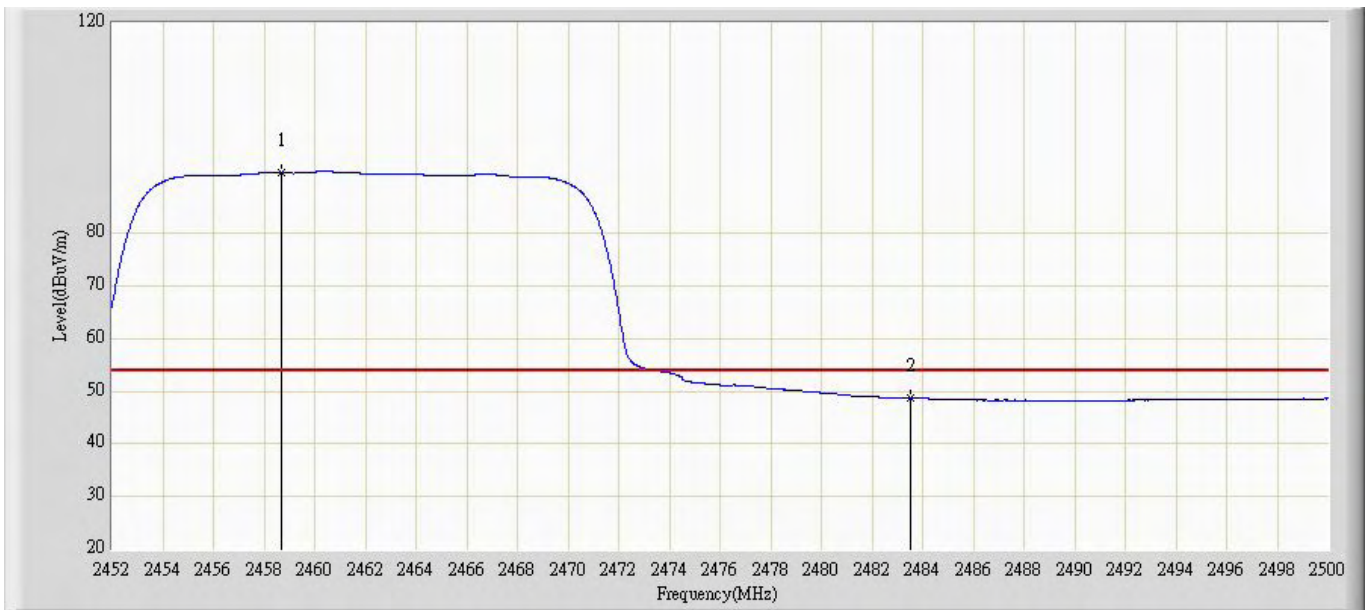
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2458.984	84.220	53.020	N/A	N/A	31.200	AV
2			2483.500	47.786	16.577	-6.214	54.000	31.209	AV

Profile: 11CS021R	Page No.: 37
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 16:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz by 802.11n(20MHz) (chain 0)	



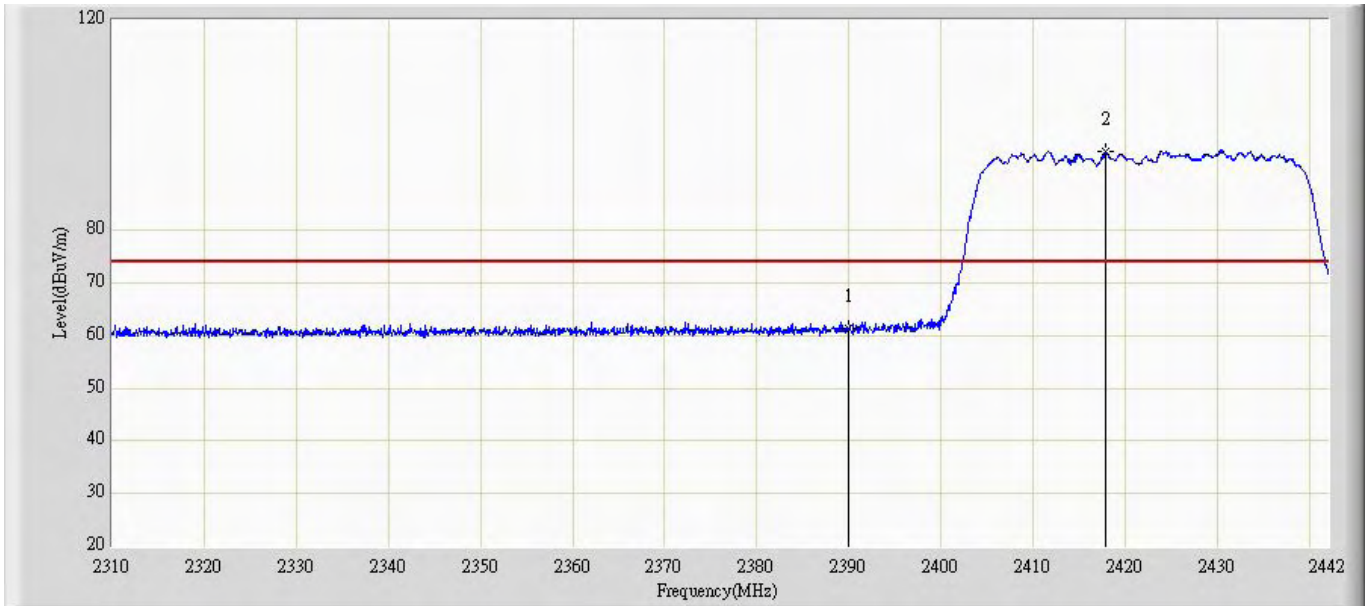
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2463.376	104.586	73.383	N/A	N/A	31.203	PK
2			2483.500	64.978	33.769	-9.022	74.000	31.209	PK

Profile: 11CS021R	Page No.: 38
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 16:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz by 802.11n(20MHz) (chain 0)	



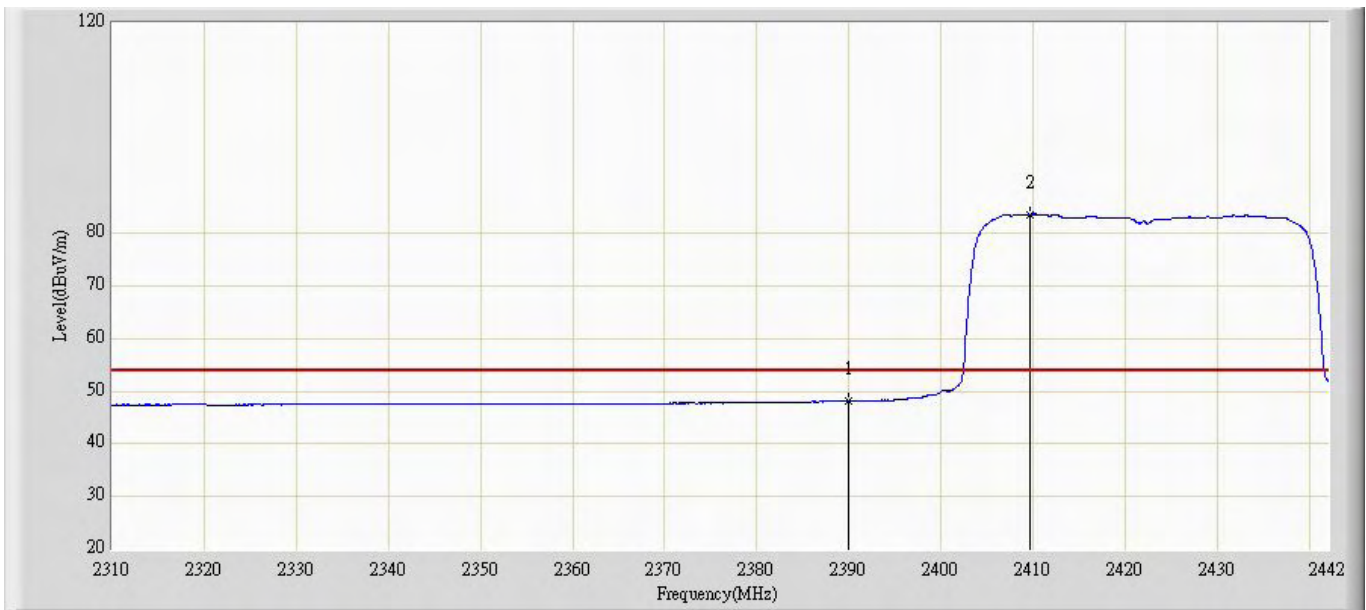
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2458.696	91.604	60.404	N/A	N/A	31.200	AV
2			2483.500	48.660	17.451	-5.340	54.000	31.209	AV

Profile: 11CS021R	Page No.: 59
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz by 802.11n(40MHz) (chain 0)	



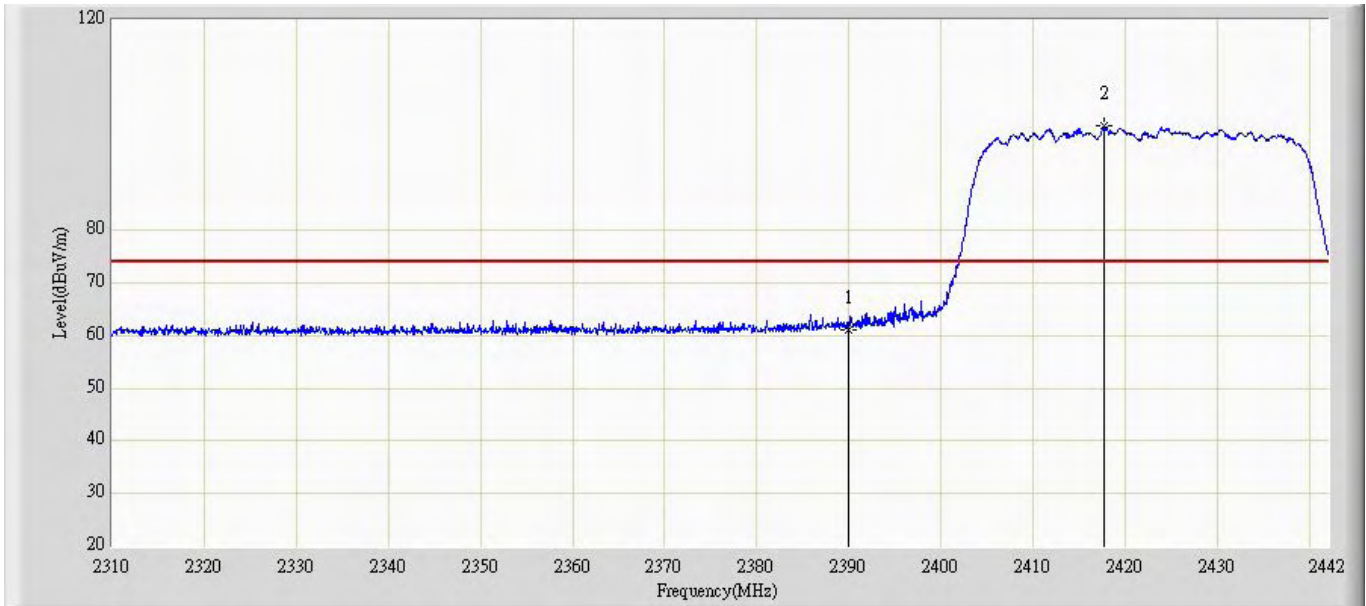
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	61.304	30.119	-12.696	74.000	31.185	PK
2		*	2417.844	95.016	63.834	N/A	N/A	31.182	PK

Profile: 11CS021R	Page No.: 60
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz by 802.11n(40MHz) (chain 0)	



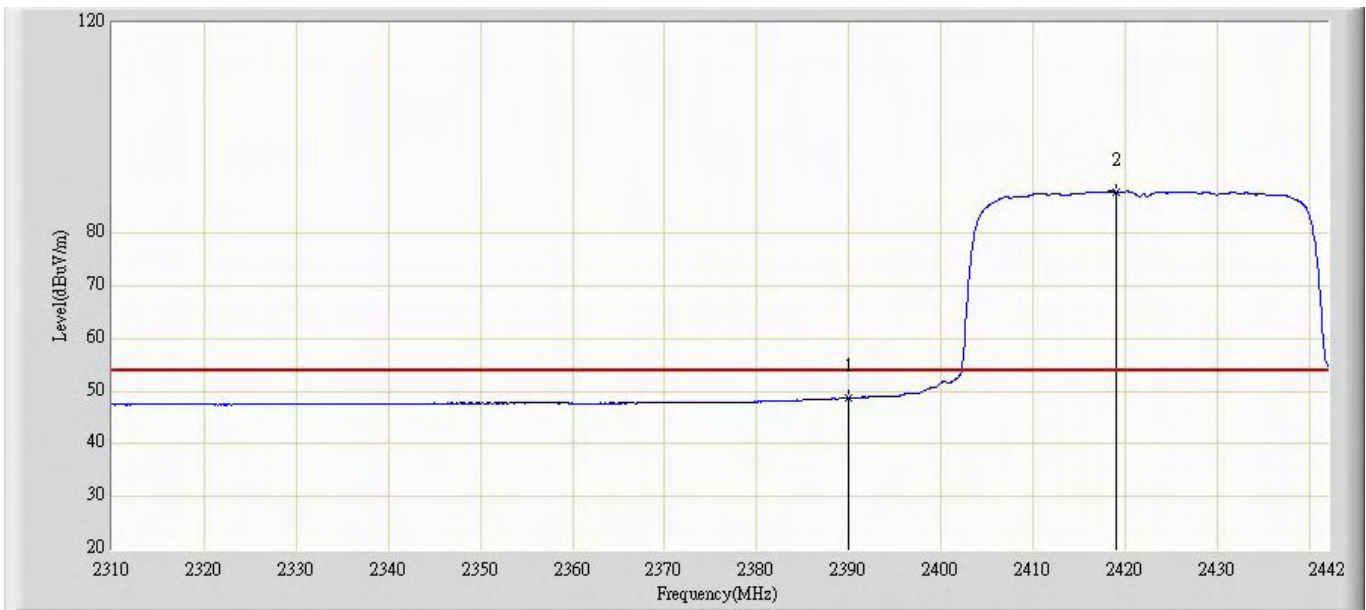
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	48.149	16.964	-5.851	54.000	31.185	AV
2		*	2409.660	83.518	52.338	N/A	N/A	31.180	AV

Profile: 11CS021R	Page No.: 57
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz by 802.11n(40MHz) (chain 0)	



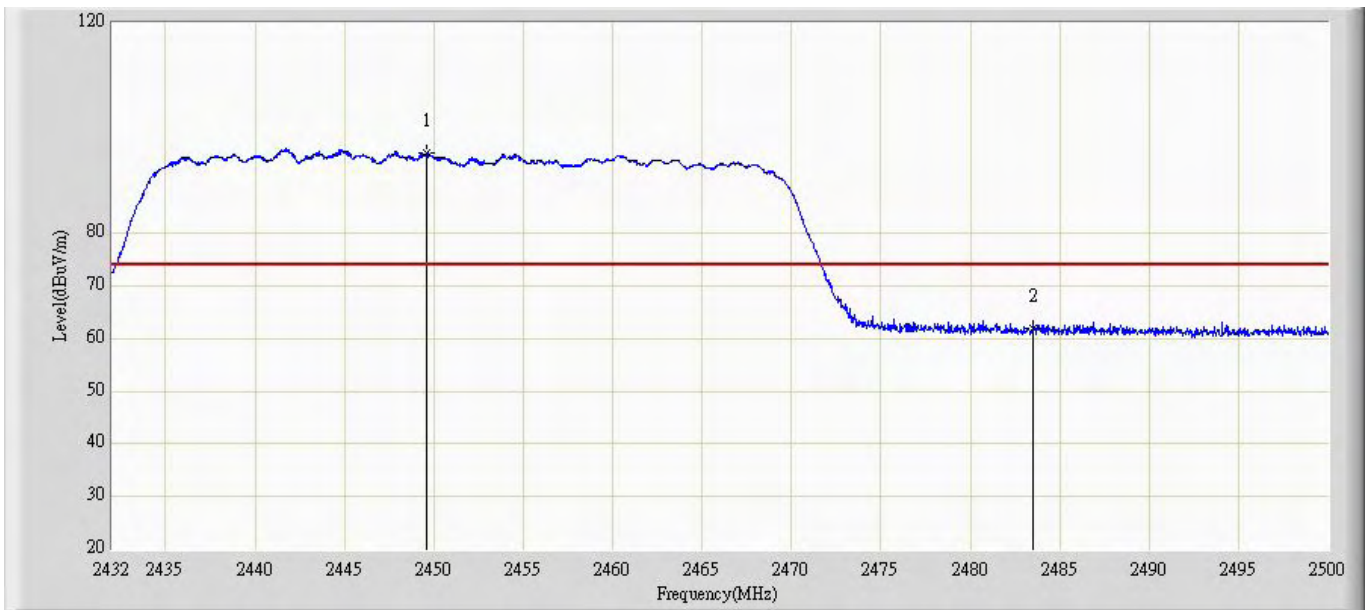
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	61.204	30.019	-12.796	74.000	31.185	PK
2		*	2417.712	99.869	68.687	N/A	N/A	31.182	PK

Profile: 11CS021R	Page No.: 58
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz by 802.11n(40MHz) (chain 0)	



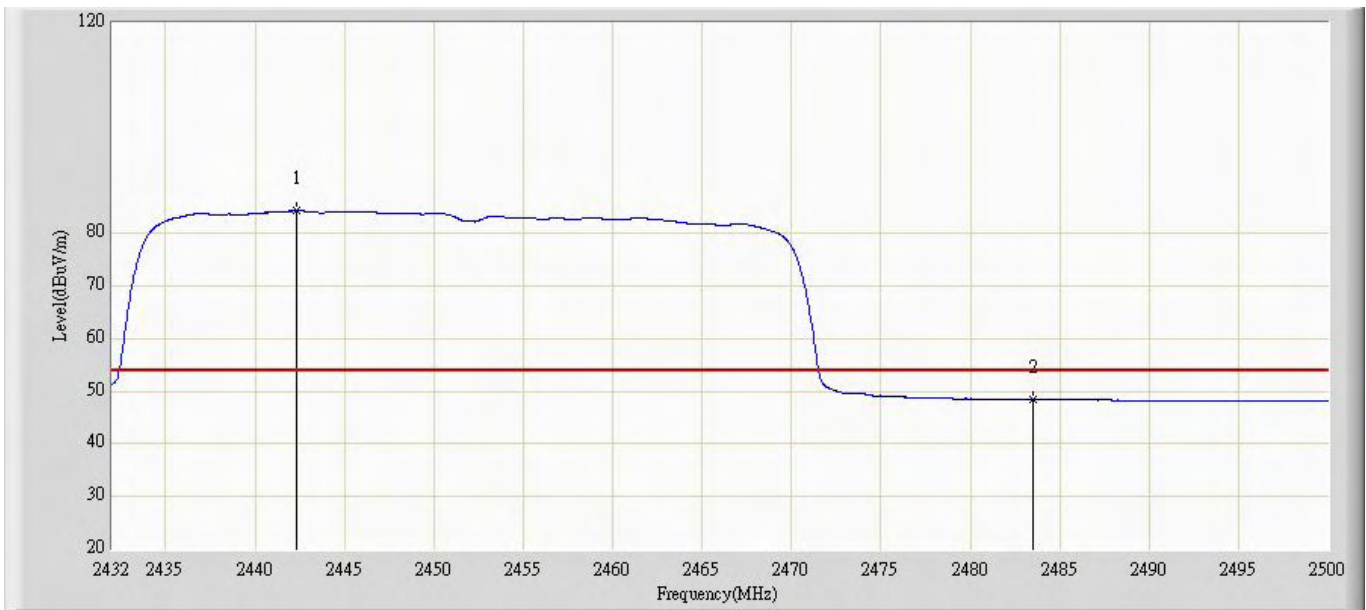
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	48.667	17.482	-5.333	54.000	31.185	AV
2		*	2418.966	87.940	56.757	N/A	N/A	31.182	AV

Profile: 11CS021R	Page No.: 63
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz by 802.11n(40MHz) (chain 0)	



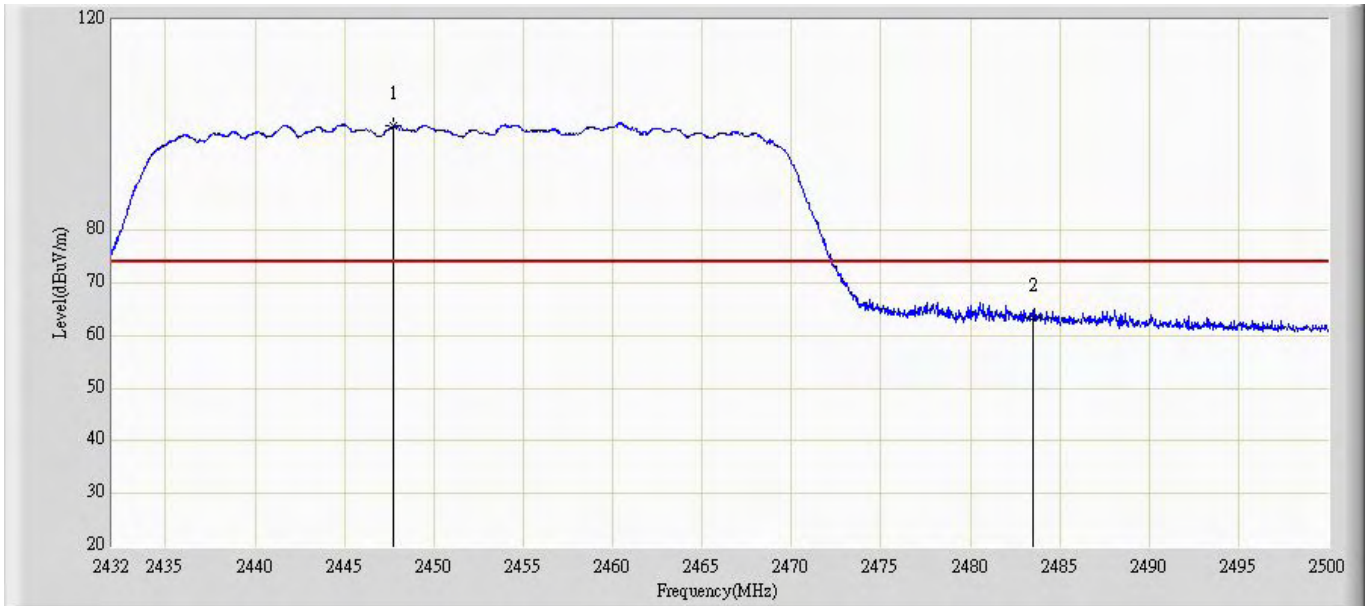
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2449.612	95.166	63.976	N/A	N/A	31.190	PK
2			2483.500	61.942	30.733	-12.058	74.000	31.209	PK

Profile: 11CS021R	Page No.: 64
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz by 802.11n(40MHz) (chain 0)	



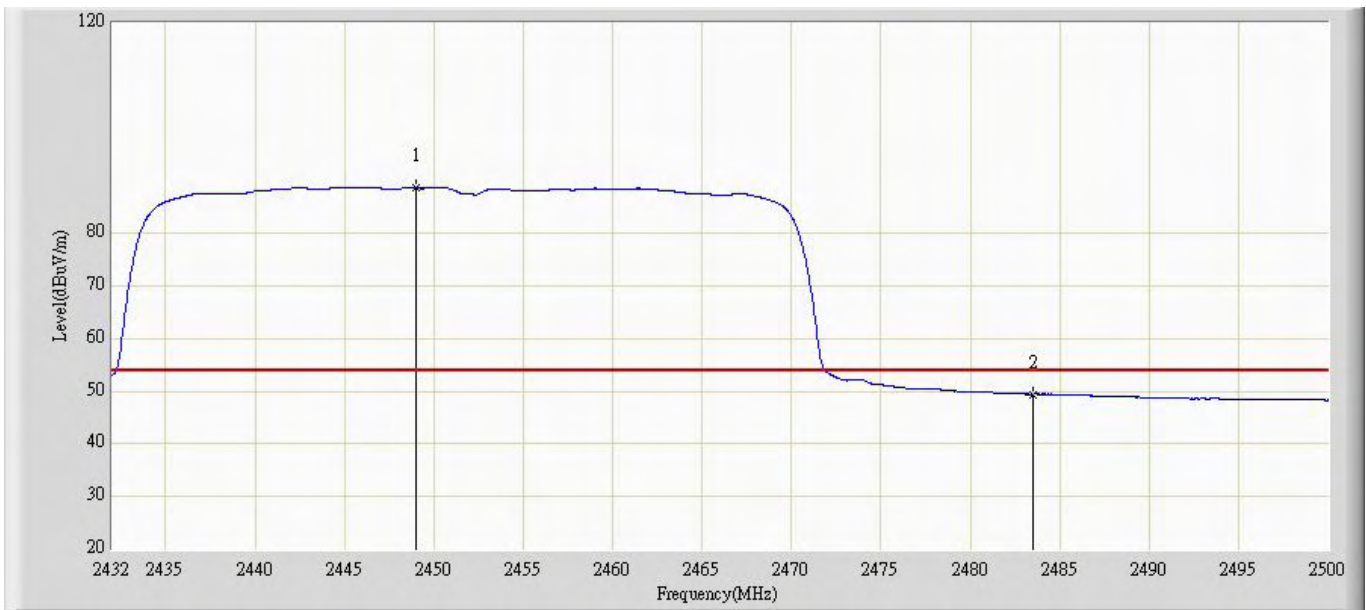
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2442.336	84.353	53.168	N/A	N/A	31.186	AV
2			2483.500	48.396	17.187	-5.604	54.000	31.209	AV

Profile: 11CS021R	Page No.: 61
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz by 802.11n(40MHz) (chain 0)	



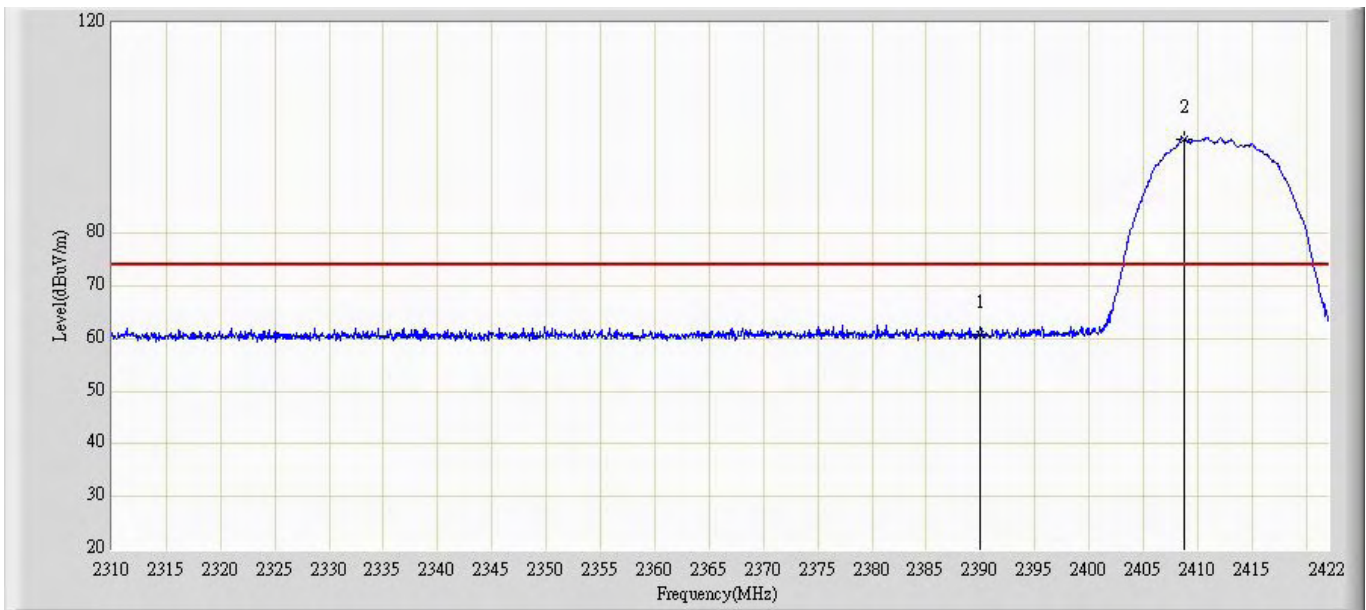
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2447.742	99.993	68.805	N/A	N/A	31.188	PK
2			2483.500	63.476	32.267	-10.524	74.000	31.209	PK

Profile: 11CS021R	Page No.: 62
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz by 802.11n(40MHz) (chain 0)	



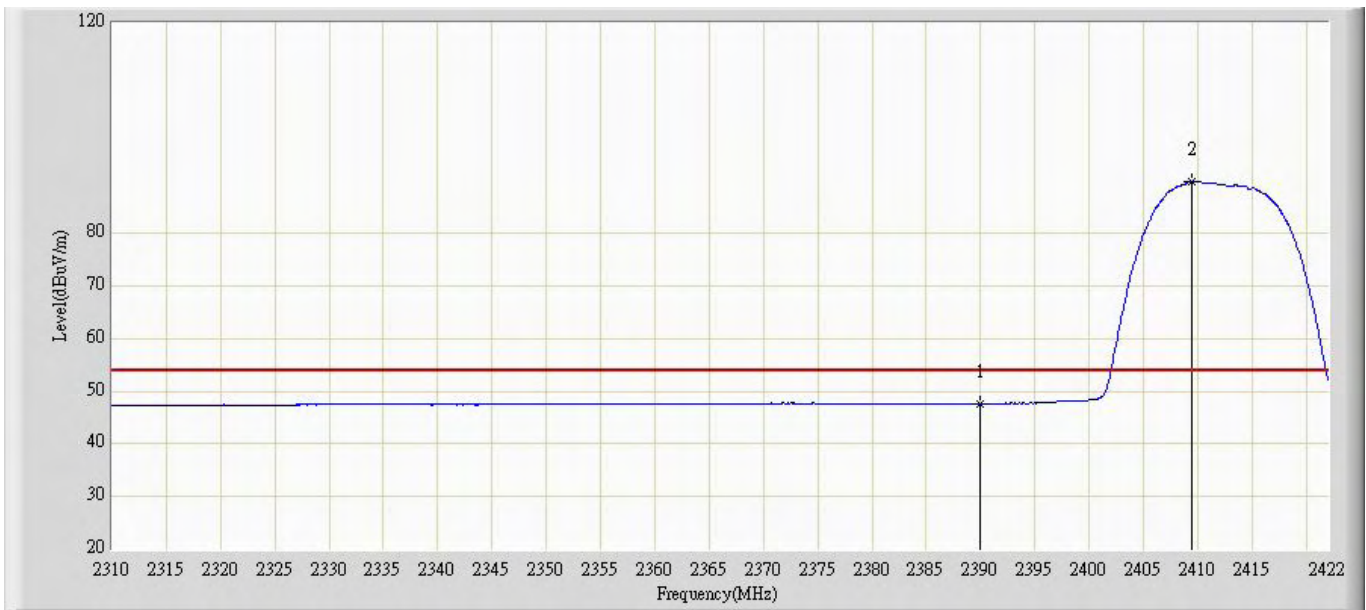
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2449.000	88.570	57.381	N/A	N/A	31.189	AV
2			2483.500	49.429	18.220	-4.571	54.000	31.209	AV

Profile: 11CS021R	Page No.: 9
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz by 802.11b (chain 1)	



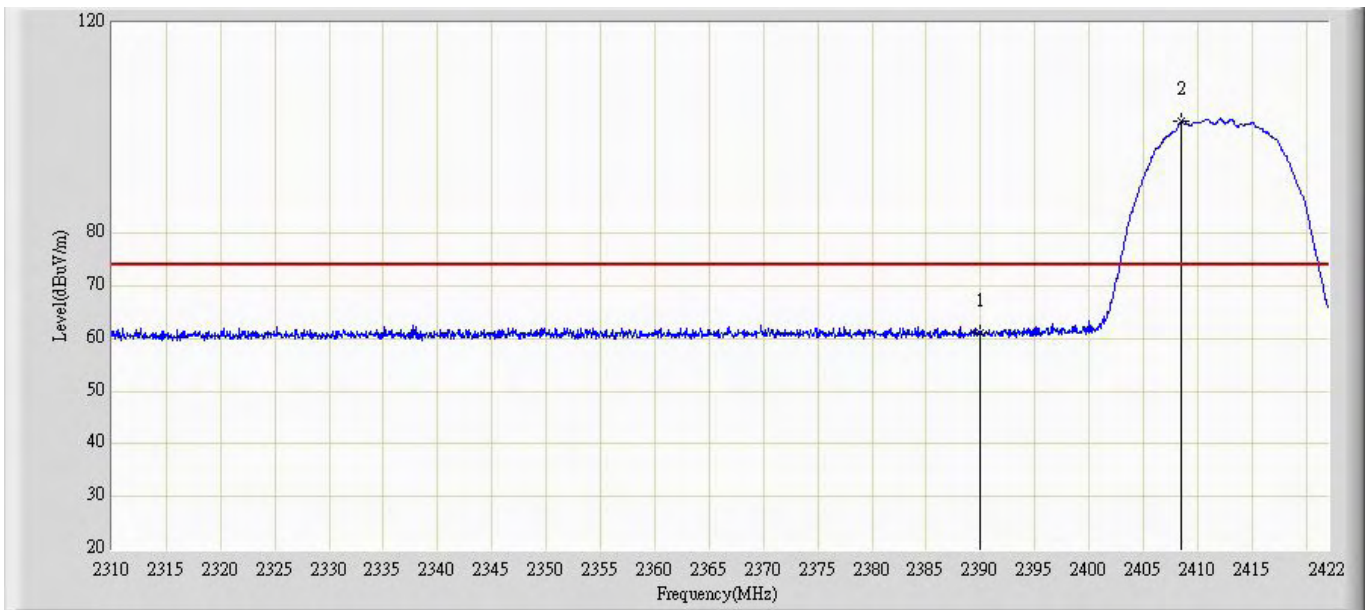
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	60.803	29.618	-13.197	74.000	31.185	PK
2		*	2408.728	98.002	66.822	N/A	N/A	31.180	PK

Profile: 11CS021R	Page No.: 10
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz by 802.11b (chain 1)	



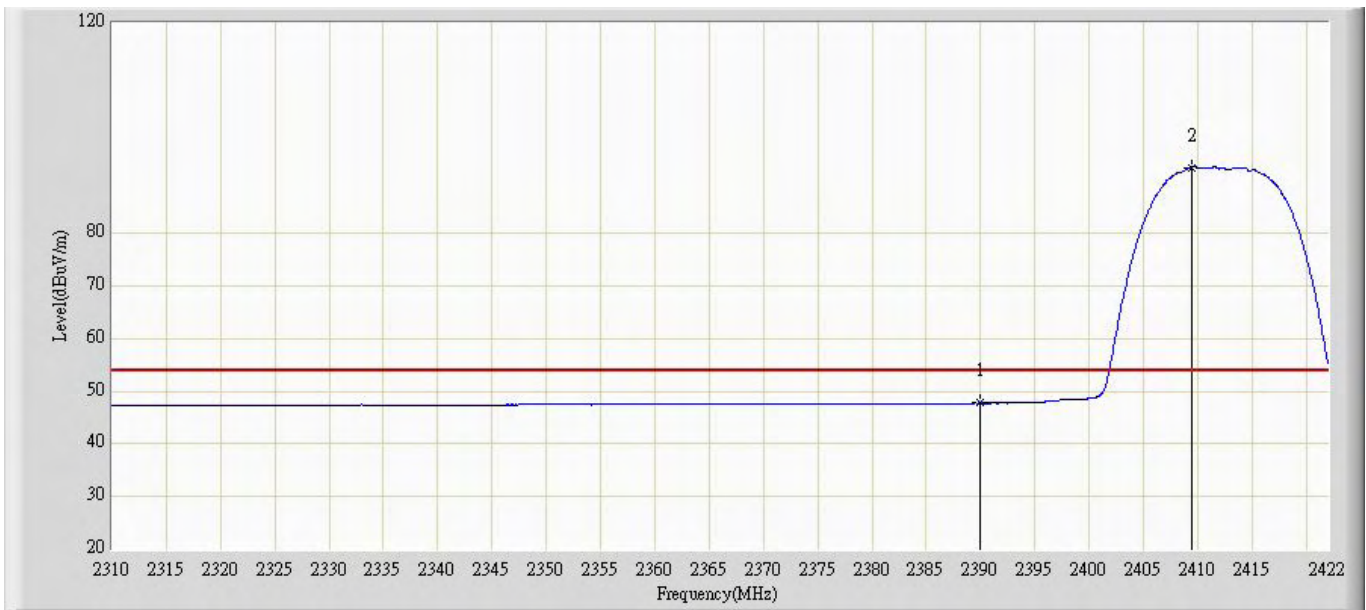
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	47.694	16.509	-6.306	54.000	31.185	AV
2		*	2409.400	89.856	58.676	N/A	N/A	31.180	AV

Profile: 11CS021R	Page No.: 11
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz by 802.11b (chain 1)	



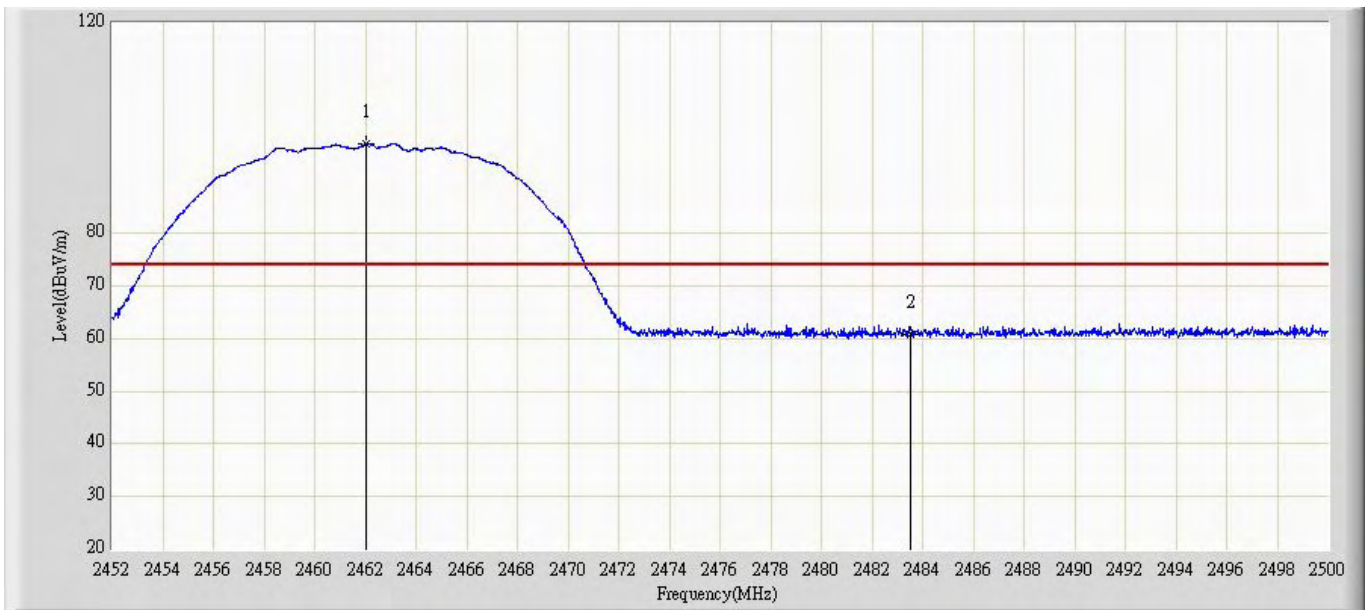
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	60.972	29.787	-13.028	74.000	31.185	PK
2		*	2408.504	101.275	70.095	N/A	N/A	31.180	PK

Profile: 11CS021R	Page No.: 12
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2412MHz by 802.11b (chain 1)	



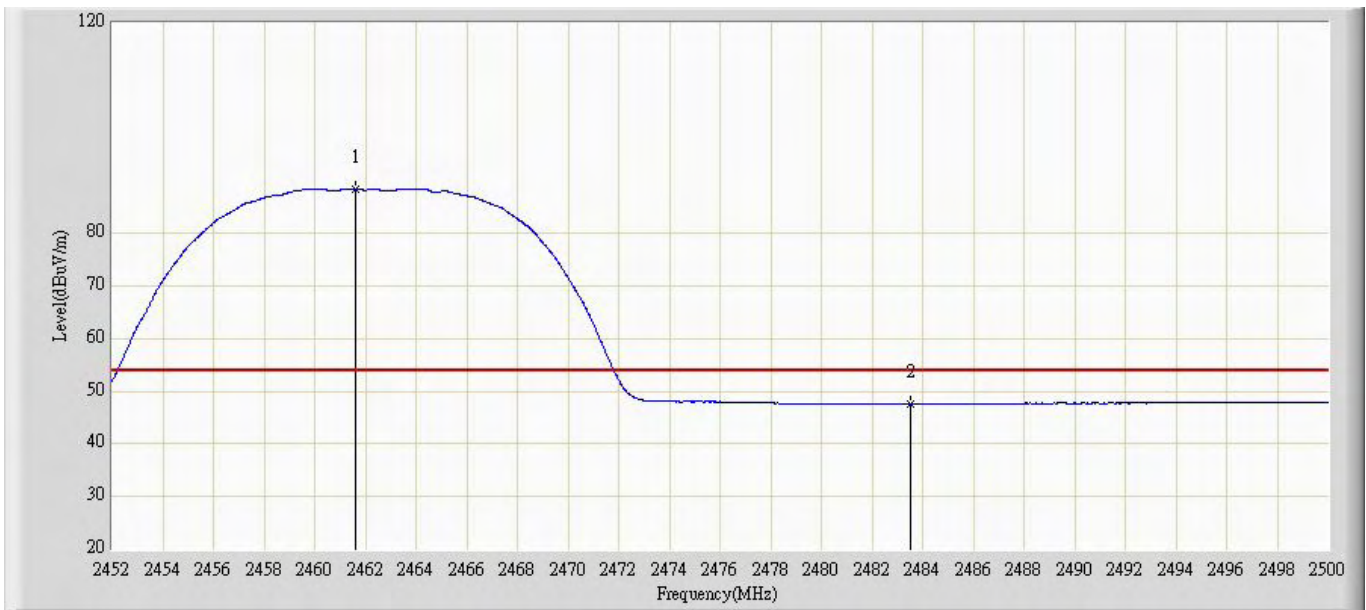
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	47.743	16.558	-6.257	54.000	31.185	AV
2		*	2409.400	92.531	61.351	N/A	N/A	31.180	AV

Profile: 11CS021R	Page No.: 15
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 15:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz by 802.11b (chain 1)	



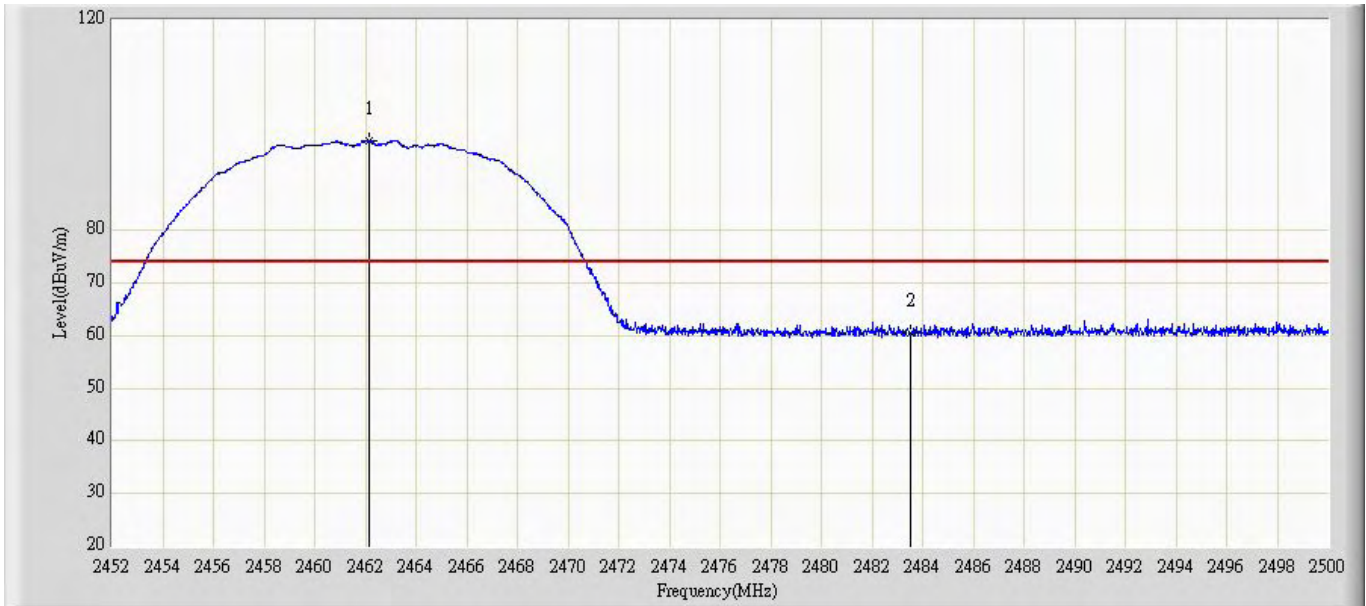
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2462.056	97.024	65.821	N/A	N/A	31.203	PK
2			2483.500	60.908	29.699	-13.092	74.000	31.209	PK

Profile: 11CS021R	Page No.: 16
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 15:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz by 802.11b (chain 1)	



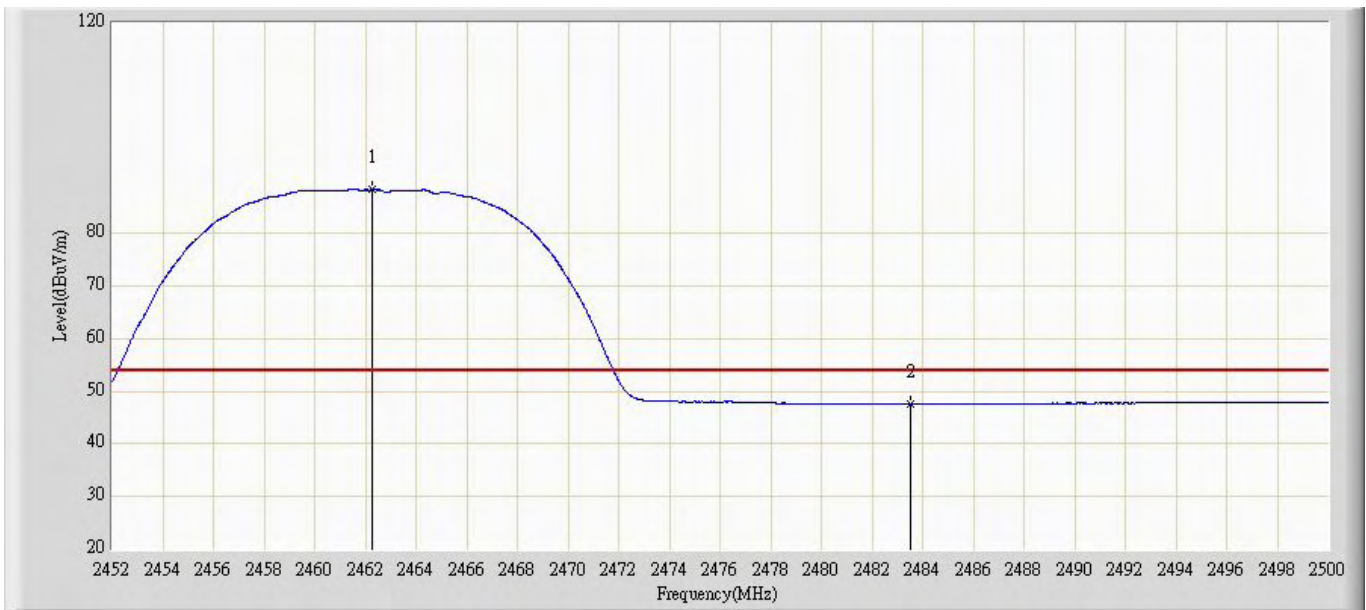
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2461.600	88.508	57.305	N/A	N/A	31.203	AV
2			2483.500	47.681	16.472	-6.319	54.000	31.209	AV

Profile: 11CS021R	Page No.: 13
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 15:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz by 802.11b (chain 1)	



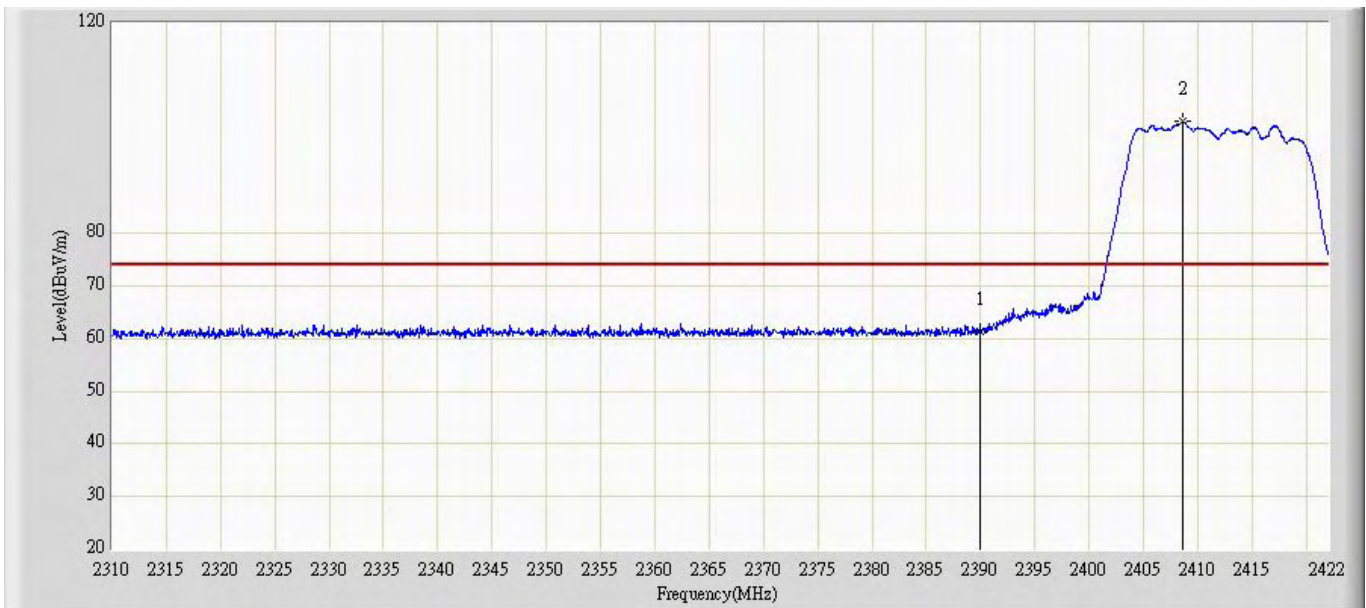
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2462.128	97.082	65.879	N/A	N/A	31.203	PK
2			2483.500	60.500	29.291	-13.500	74.000	31.209	PK

Profile: 11CS021R	Page No.: 14
Engineer: toms	
Site: AC5	Time: 2011/12/17 - 15:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 2462MHz by 802.11b (chain 1)	



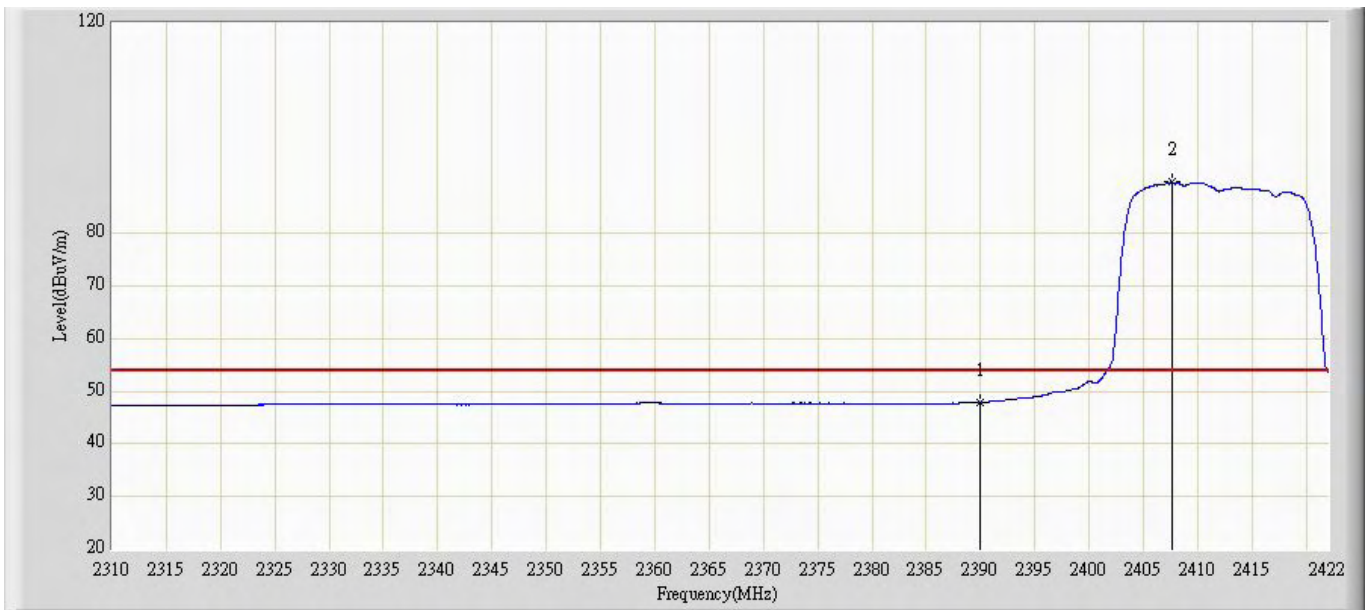
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2462.272	88.296	57.093	N/A	N/A	31.203	AV
2			2483.500	47.636	16.427	-6.364	54.000	31.209	AV

Profile: 11CS021R	Page No.: 25
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz by 802.11g (chain 1)	



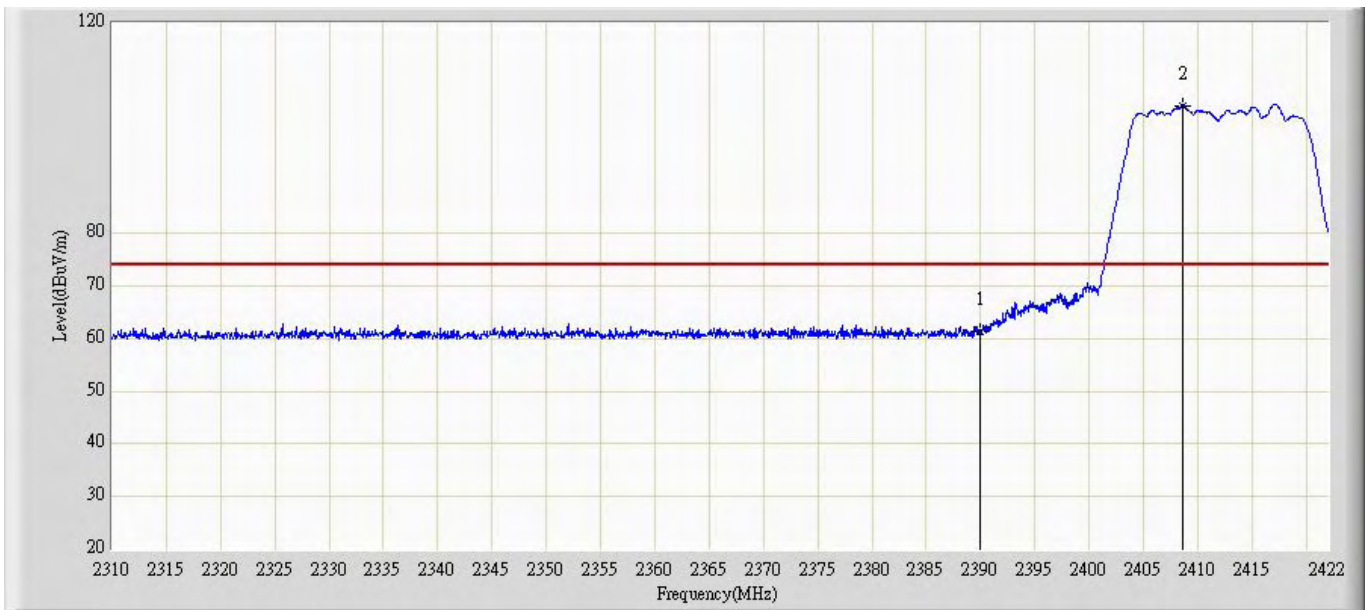
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	61.240	30.055	-12.760	74.000	31.185	PK
2		*	2408.560	101.229	70.049	N/A	N/A	31.180	PK

Profile: 11CS021R	Page No.: 26
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz by 802.11g (chain 1)	



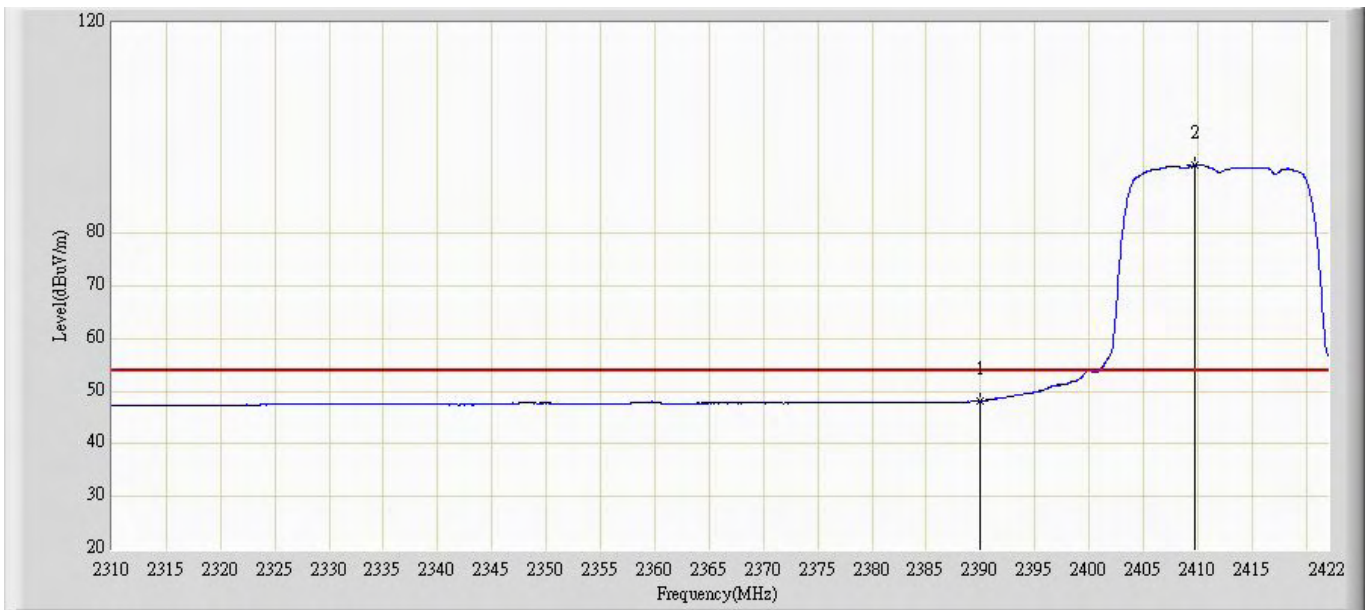
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	47.894	16.709	-6.106	54.000	31.185	AV
2		*	2407.664	89.695	58.514	N/A	N/A	31.181	AV

Profile: 11CS021R	Page No.: 27
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz by 802.11g (chain 1)	



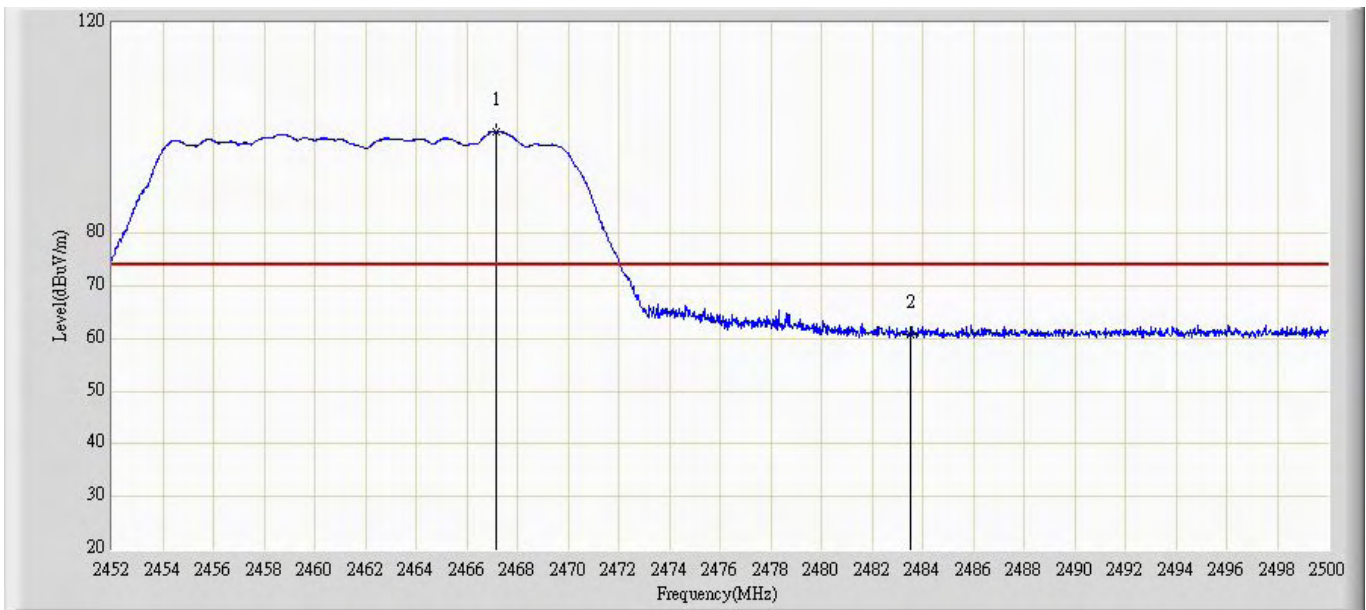
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	61.400	30.215	-12.600	74.000	31.185	PK
2		*	2408.616	104.318	73.138	N/A	N/A	31.180	PK

Profile: 11CS021R	Page No.: 28
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2412MHz by 802.11g (chain 1)	



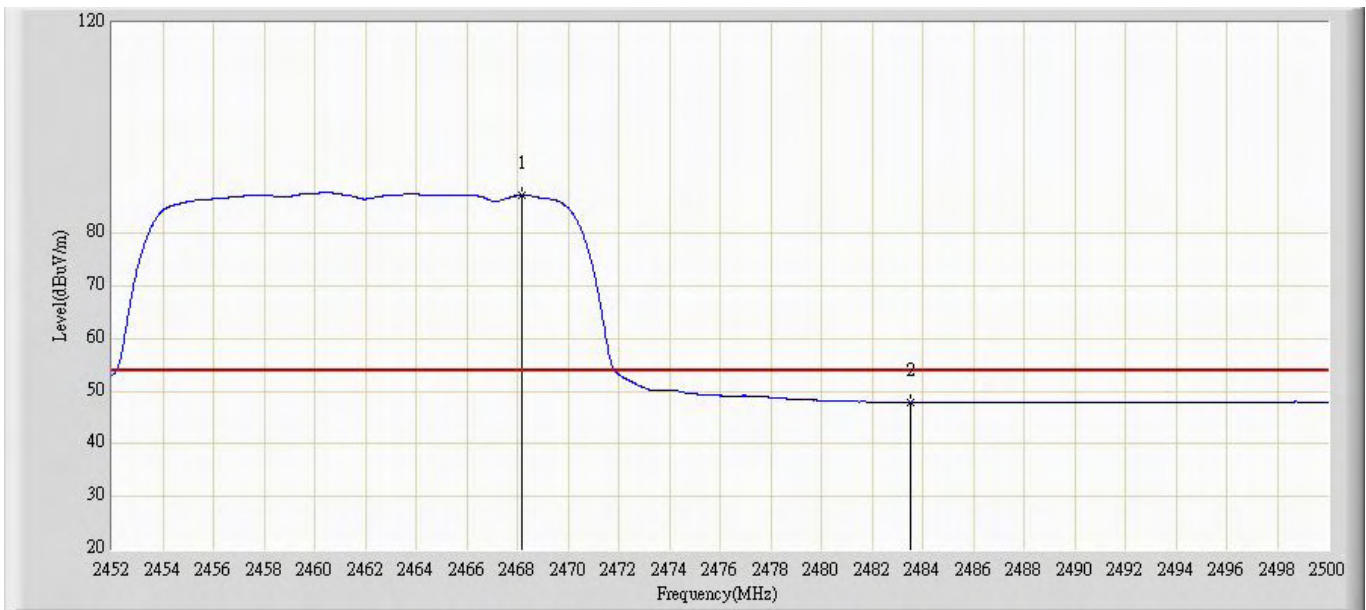
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	48.200	17.015	-5.800	54.000	31.185	AV
2		*	2409.736	92.881	61.701	N/A	N/A	31.180	AV

Profile: 11CS021R	Page No.: 31
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz by 802.11g (chain 1)	



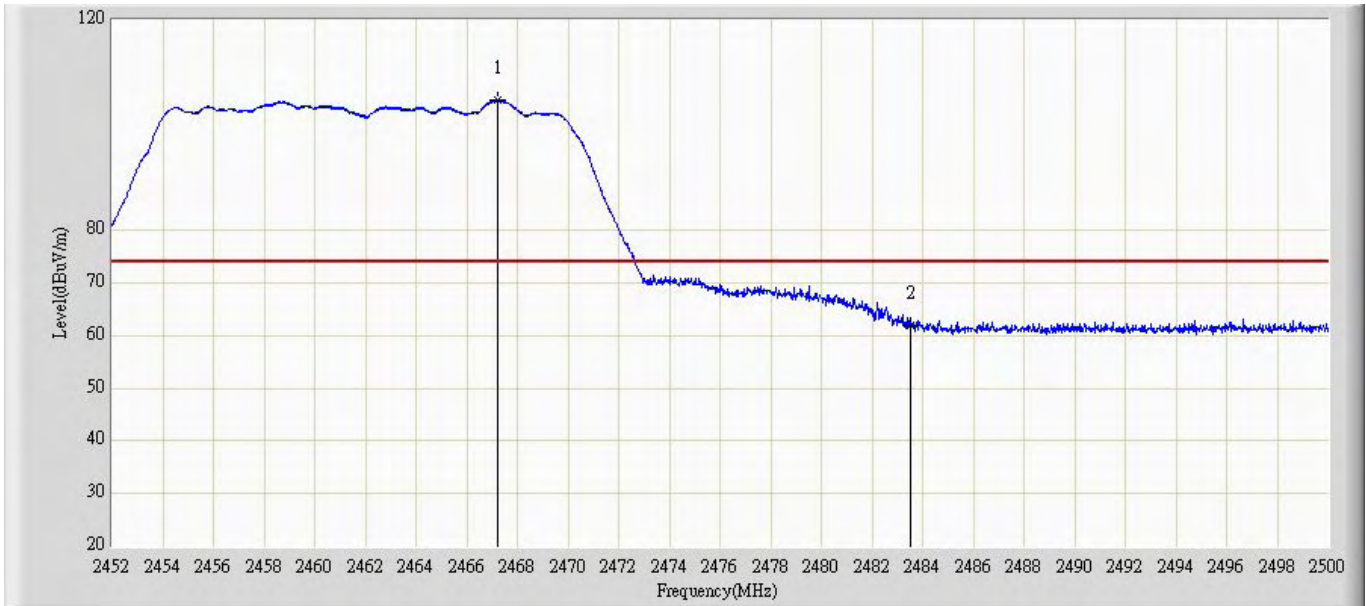
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2467.192	99.385	68.181	N/A	N/A	31.204	PK
2			2483.500	60.736	29.527	-13.264	74.000	31.209	PK

Profile: 11CS021R	Page No.: 32
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz by 802.11g (chain 1)	



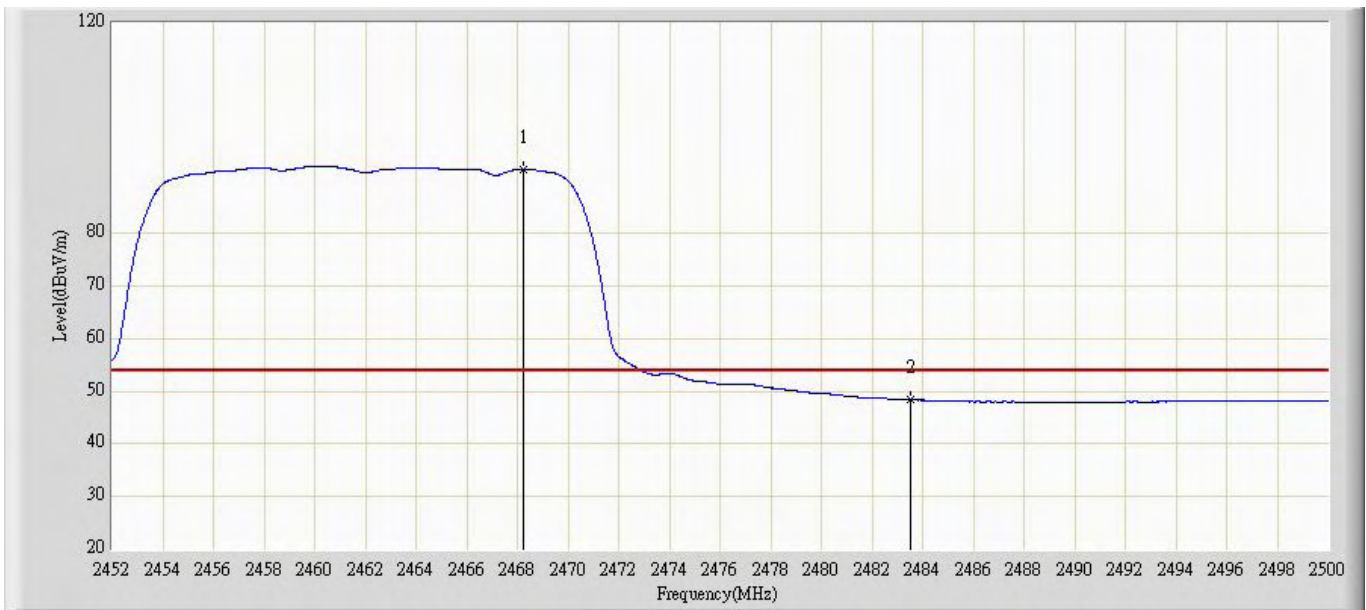
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2468.176	87.242	56.038	N/A	N/A	31.204	AV
2			2483.500	47.884	16.675	-6.116	54.000	31.209	AV

Profile: 11CS021R	Page No.: 29
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz by 802.11g (chain 1)	



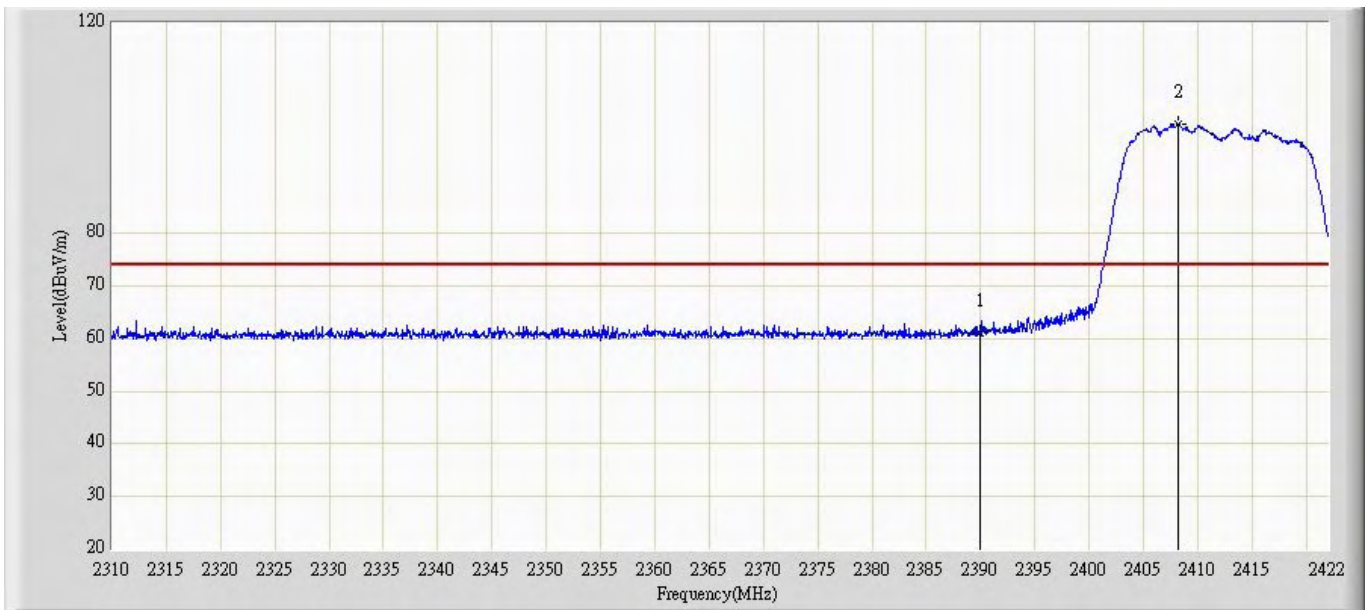
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2467.216	104.649	73.445	N/A	N/A	31.204	PK
2			2483.500	61.863	30.654	-12.137	74.000	31.209	PK

Profile: 11CS021R	Page No.: 30
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 15:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 2462MHz by 802.11g (chain 1)	



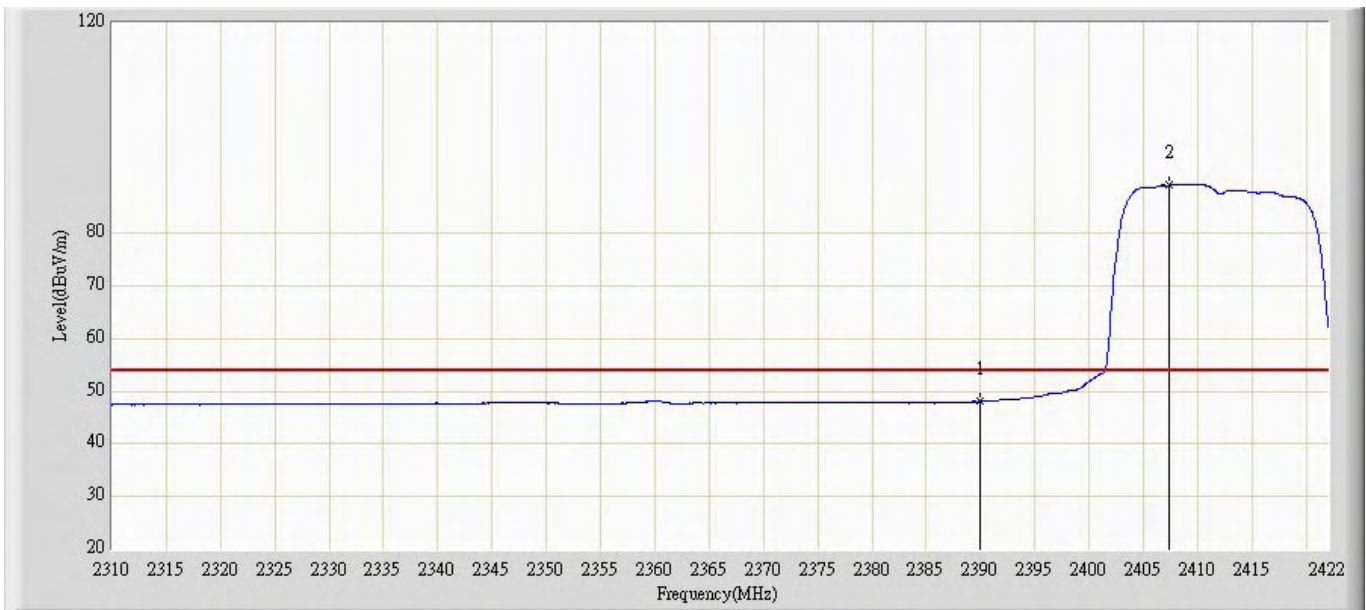
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2468.248	92.247	61.043	N/A	N/A	31.204	AV
2			2483.500	48.432	17.223	-5.568	54.000	31.209	AV

Profile: 11CS021R	Page No.: 43
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz by 802.11n(20MHz) (chain 1)	



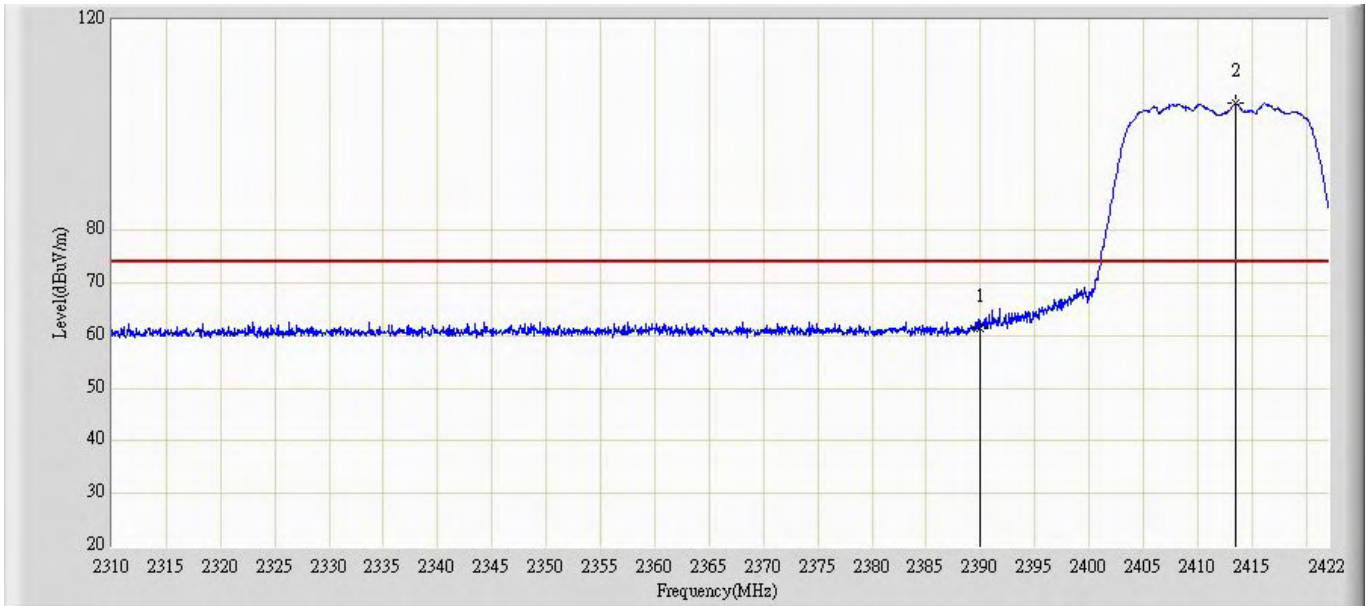
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	61.119	29.934	-12.881	74.000	31.185	PK
2		*	2408.168	100.631	69.451	N/A	N/A	31.181	PK

Profile: 11CS021R	Page No.: 44
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz by 802.11n(20MHz) (chain 1)	



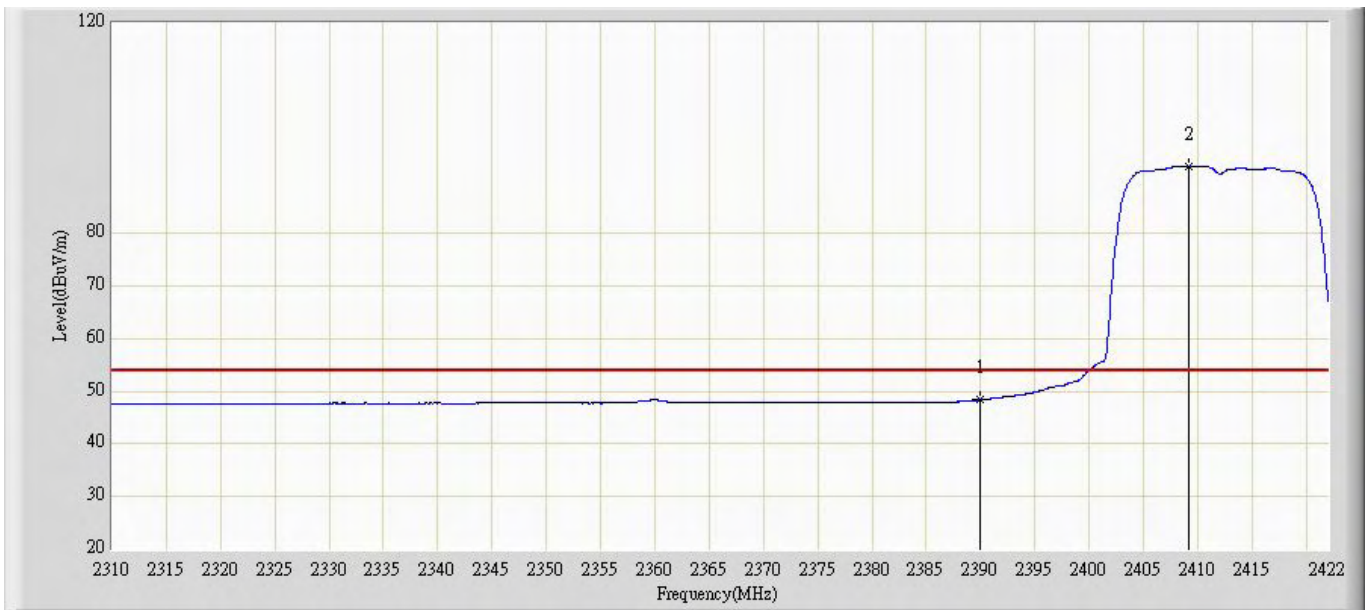
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	48.056	16.871	-5.944	54.000	31.185	AV
2		*	2407.328	89.114	57.933	N/A	N/A	31.180	AV

Profile: 11CS021R	Page No.: 41
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz by 802.11n(20MHz) (chain 1)	



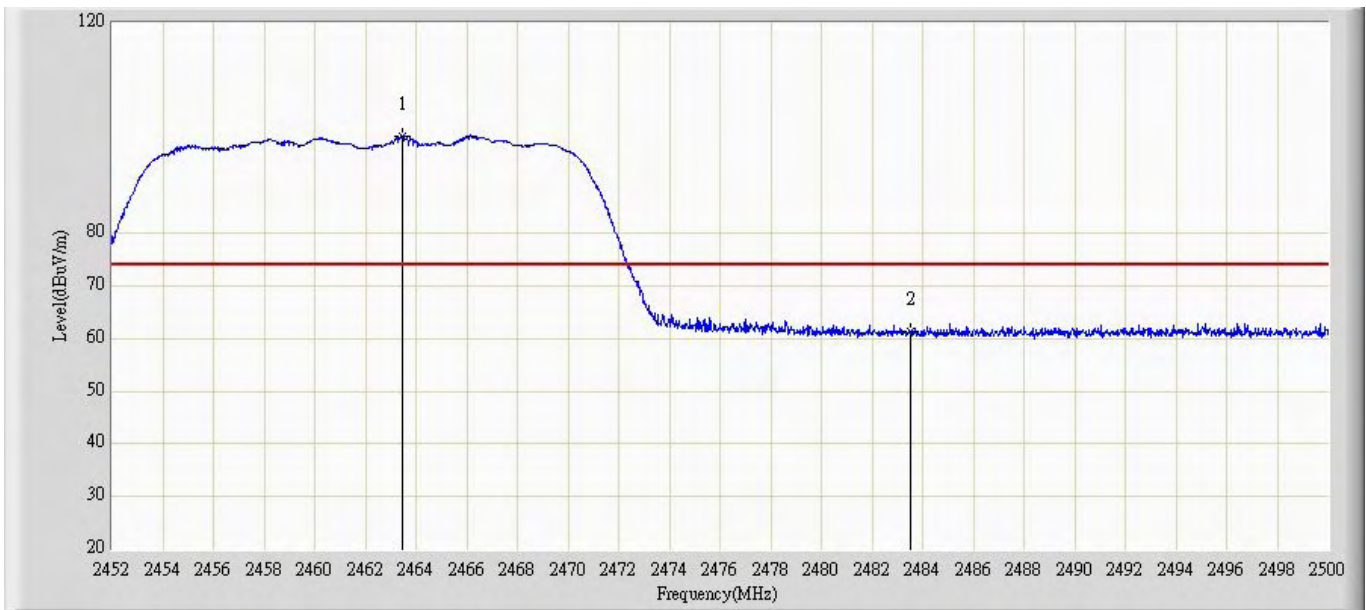
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	61.463	30.278	-12.537	74.000	31.185	PK
2		*	2413.544	104.057	72.876	N/A	N/A	31.181	PK

Profile: 11CS021R	Page No.: 42
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz by 802.11n(20MHz) (chain 1)	



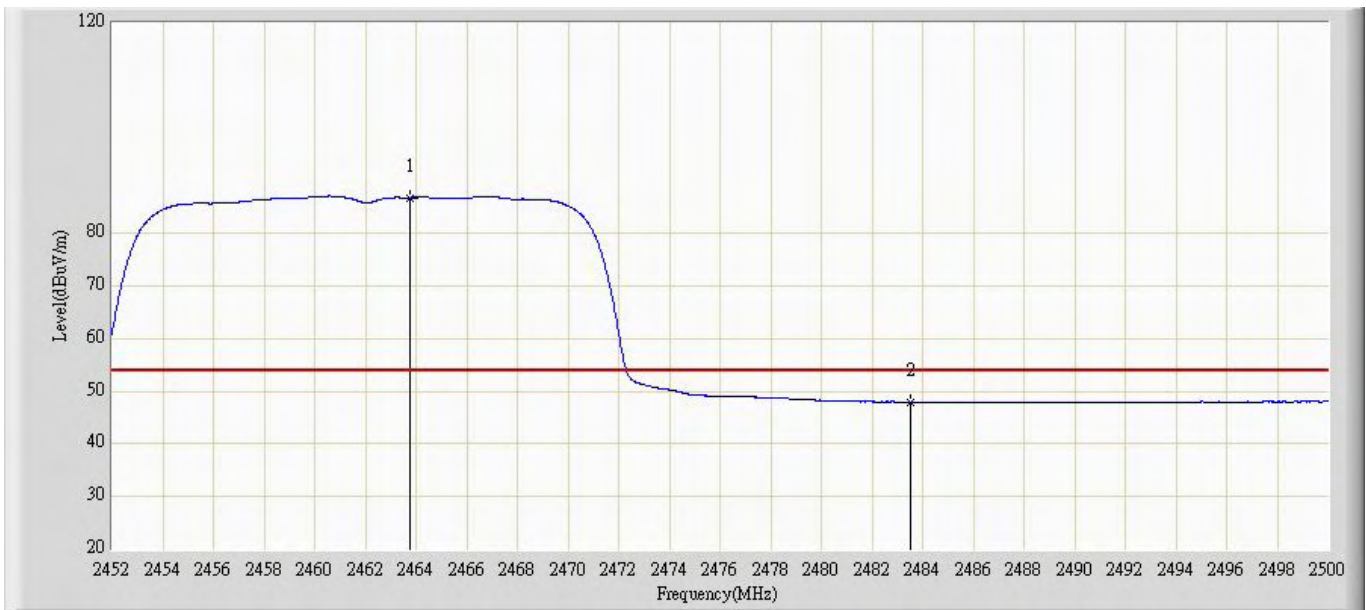
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	48.399	17.214	-5.601	54.000	31.185	AV
2		*	2409.232	92.639	61.459	N/A	N/A	31.180	AV

Profile: 11CS021R	Page No.: 47
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz by 802.11n(20MHz) (chain 1)	



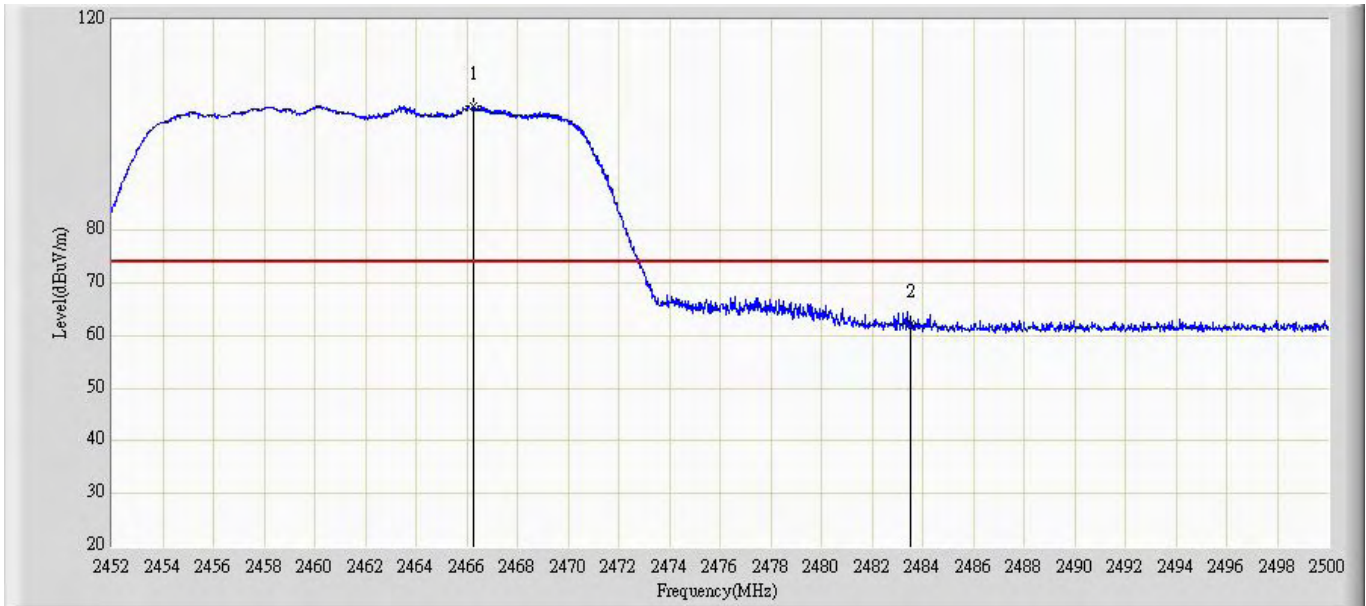
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2463.472	98.413	67.210	N/A	N/A	31.203	PK
2			2483.500	61.262	30.053	-12.738	74.000	31.209	PK

Profile: 11CS021R	Page No.: 48
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz by 802.11n(20MHz) (chain 1)	



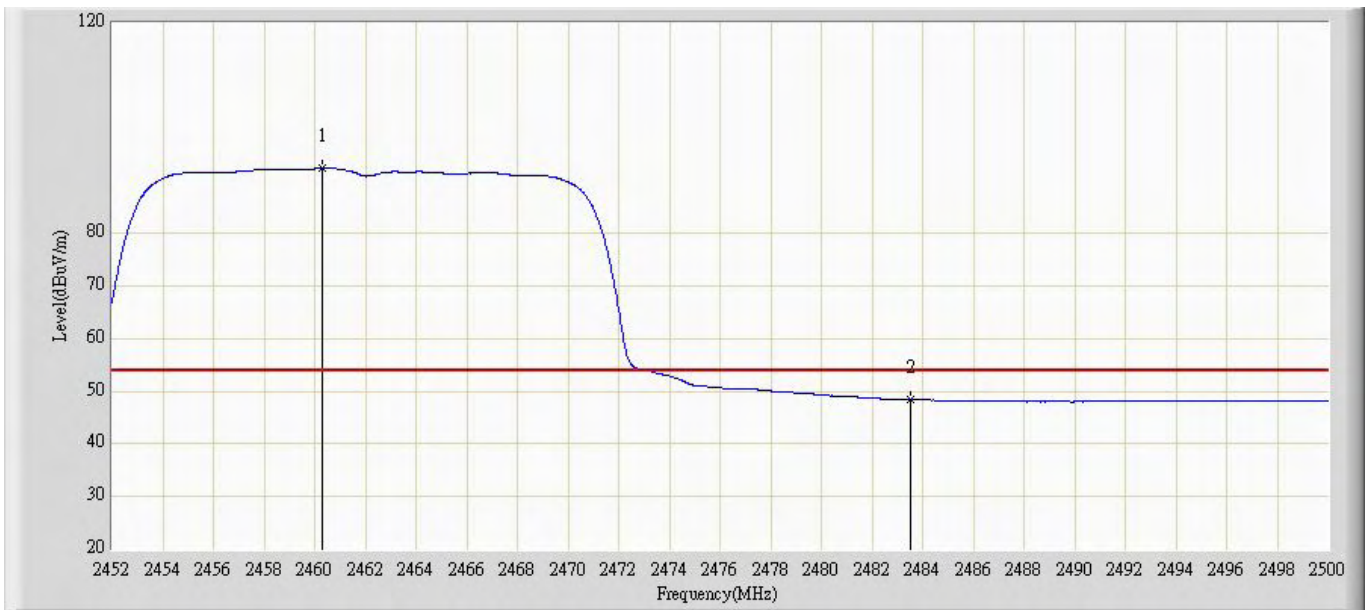
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2463.760	86.768	55.565	N/A	N/A	31.203	AV
2			2483.500	47.947	16.738	-6.053	54.000	31.209	AV

Profile: 11CS021R	Page No.: 45
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz by 802.11n(20MHz) (chain 1)	



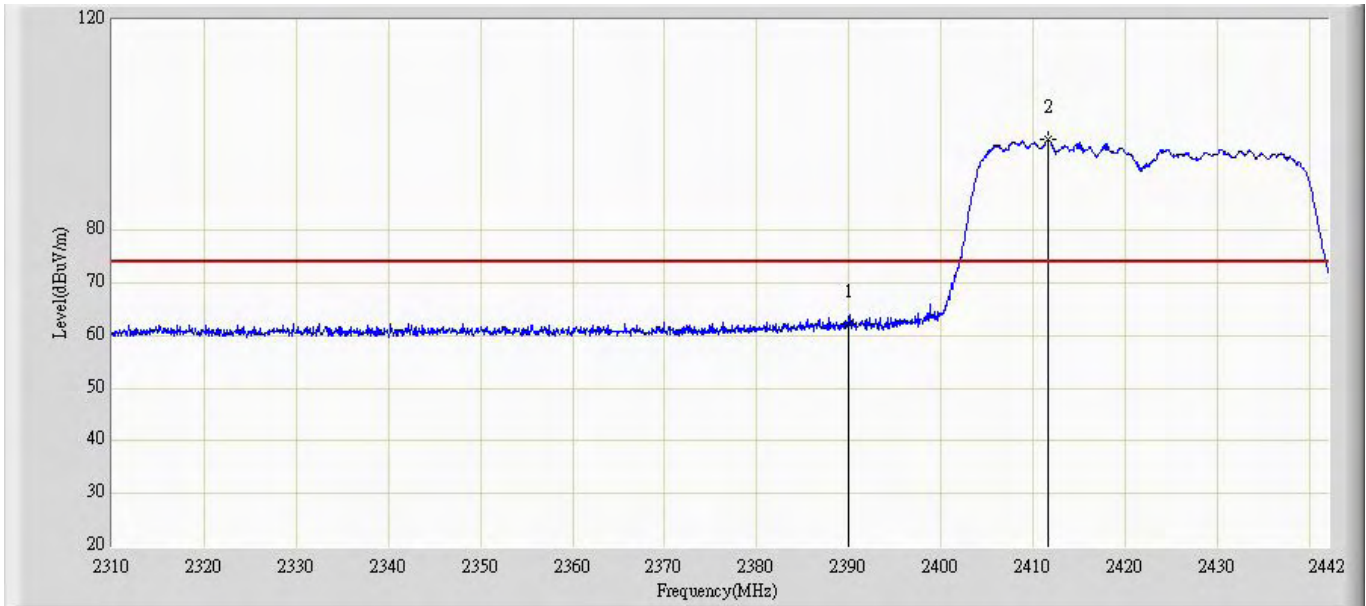
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2466.256	103.708	72.504	N/A	N/A	31.203	PK
2			2483.500	62.137	30.928	-11.863	74.000	31.209	PK

Profile: 11CS021R	Page No.: 46
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz by 802.11n(20MHz) (chain 1)	



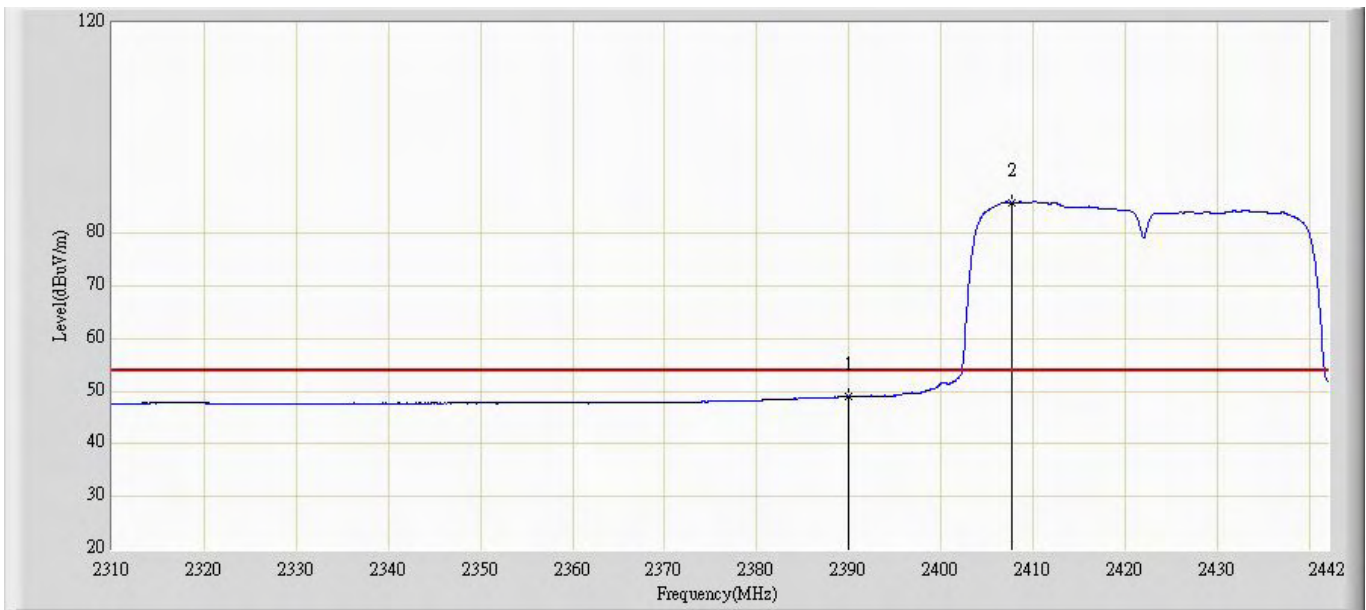
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2460.328	92.330	61.129	N/A	N/A	31.201	AV
2			2483.500	48.388	17.179	-5.612	54.000	31.209	AV

Profile: 11CS021R	Page No.: 67
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz by 802.11n(40MHz) (chain 1)	



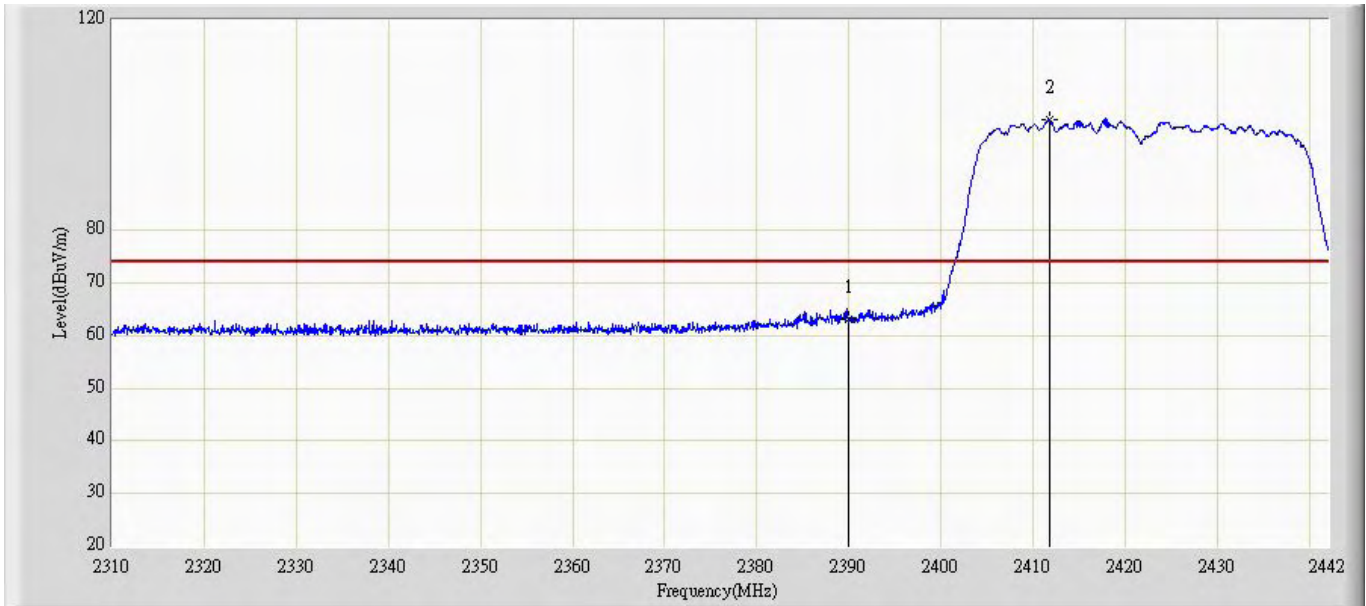
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	62.336	31.151	-11.664	74.000	31.185	PK
2		*	2411.574	97.320	66.140	N/A	N/A	31.181	PK

Profile: 11CS021R	Page No.: 68
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz by 802.11n(40MHz) (chain 1)	



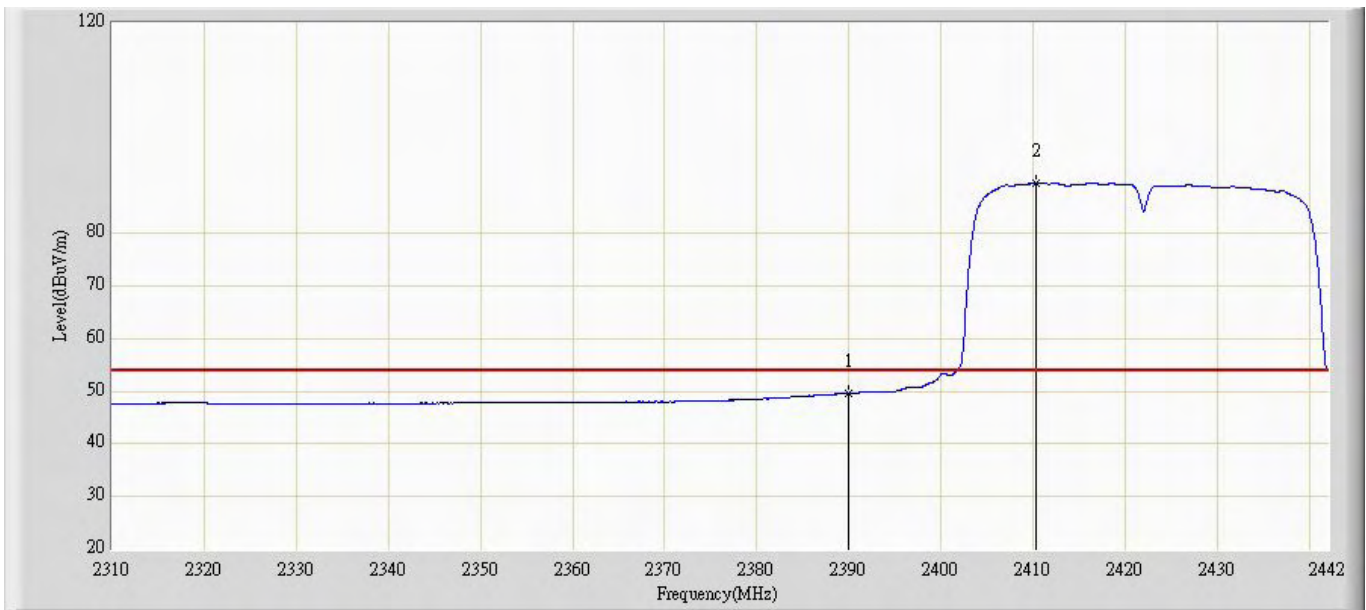
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	48.986	17.801	-5.014	54.000	31.185	AV
2		*	2407.680	85.741	54.560	N/A	N/A	31.181	AV

Profile: 11CS021R	Page No.: 65
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz by 802.11n(40MHz) (chain 1)	



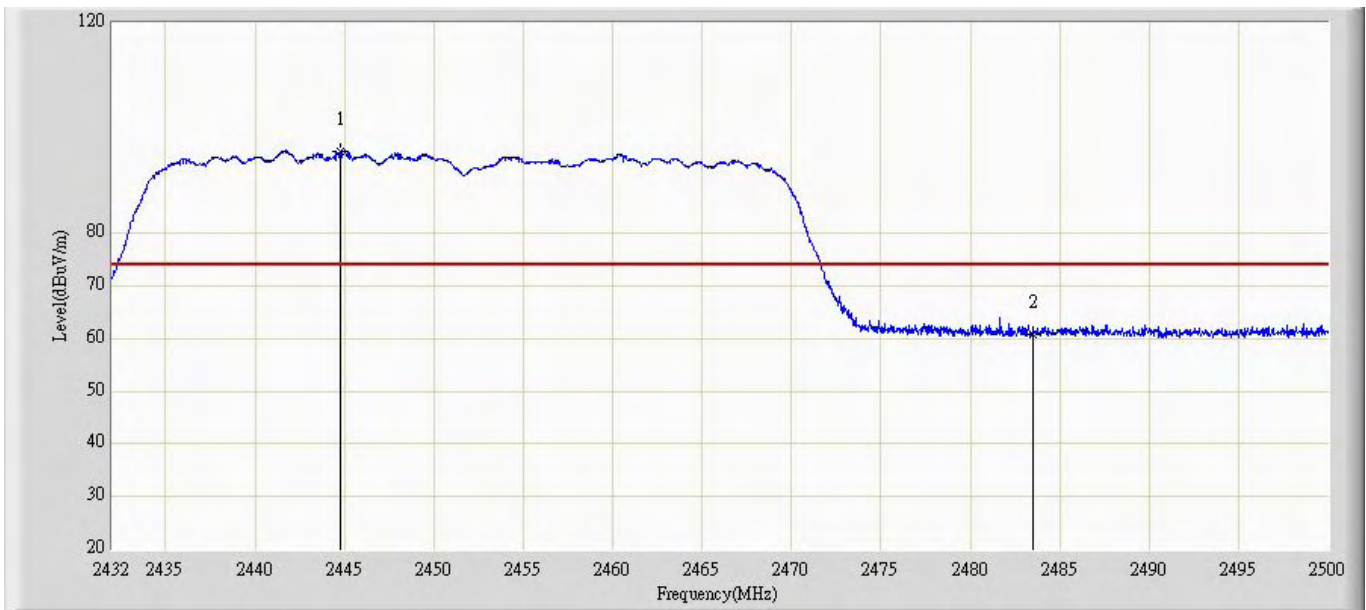
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	63.183	31.998	-10.817	74.000	31.185	PK
2		*	2411.772	100.948	69.768	N/A	N/A	31.181	PK

Profile: 11CS021R	Page No.: 66
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz by 802.11n(40MHz) (chain 1)	



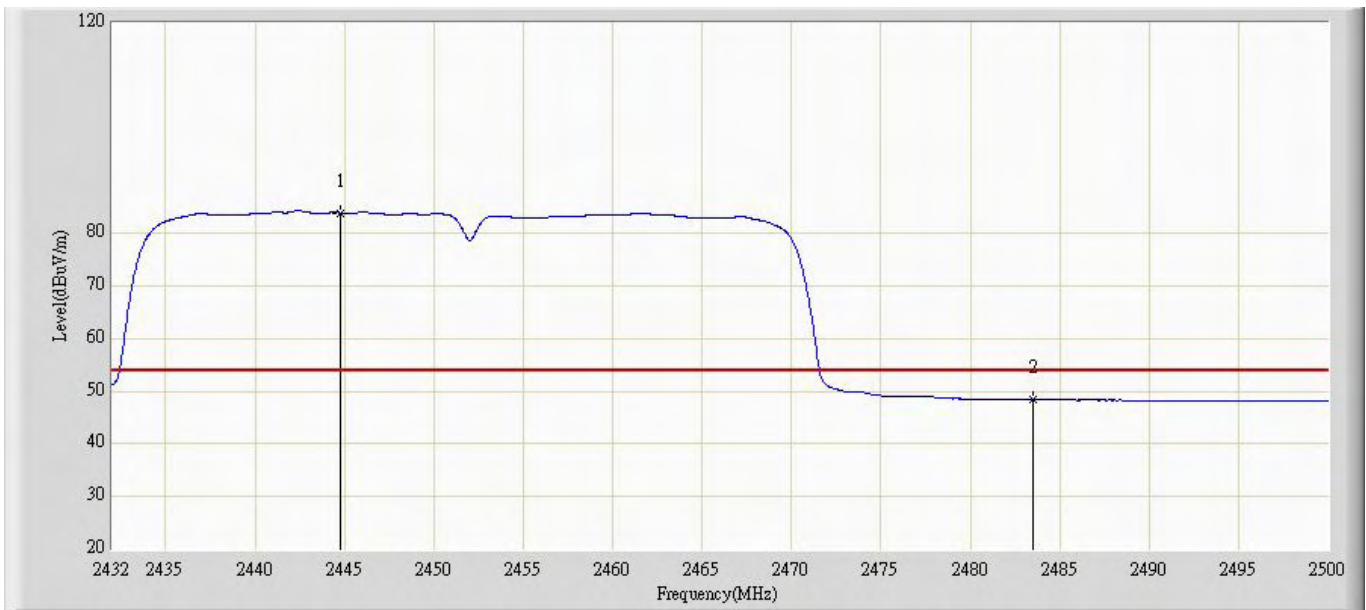
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	49.637	18.452	-4.363	54.000	31.185	AV
2		*	2410.320	89.559	58.379	N/A	N/A	31.180	AV

Profile: 11CS021R	Page No.: 71
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz by 802.11n(40MHz) (chain 1)	



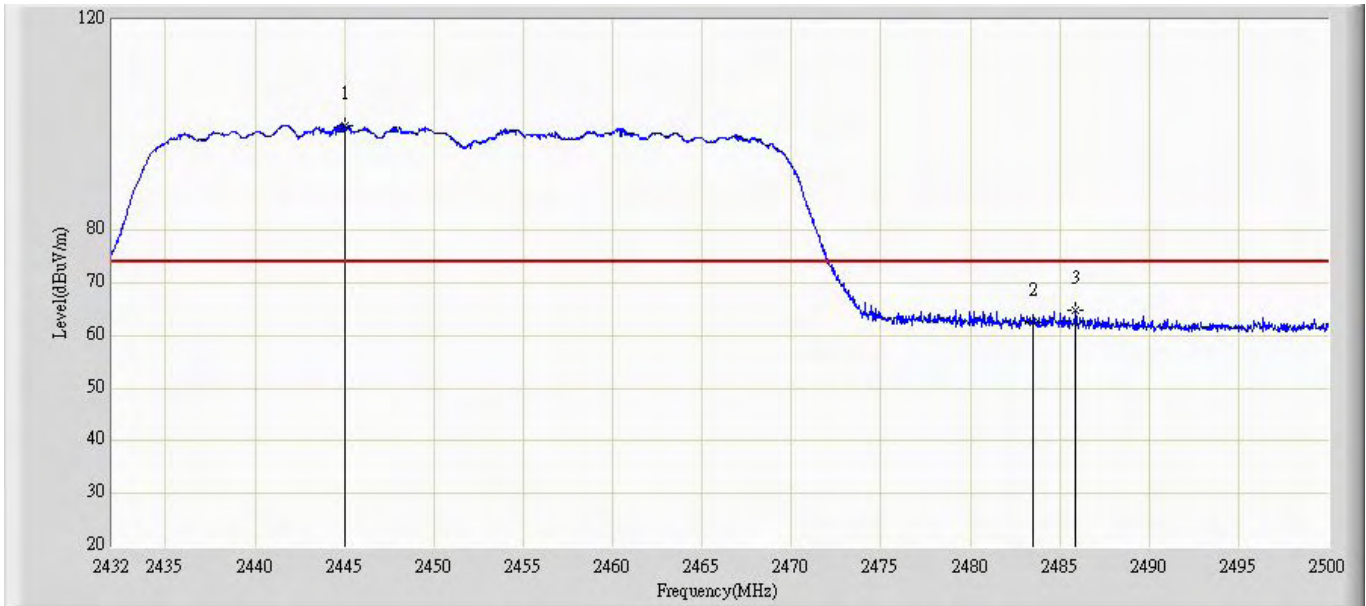
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2444.750	95.712	64.527	N/A	N/A	31.185	PK
2			2483.500	60.698	29.489	-13.302	74.000	31.209	PK

Profile: 11CS021R	Page No.: 72
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz by 802.11n(40MHz) (chain 1)	



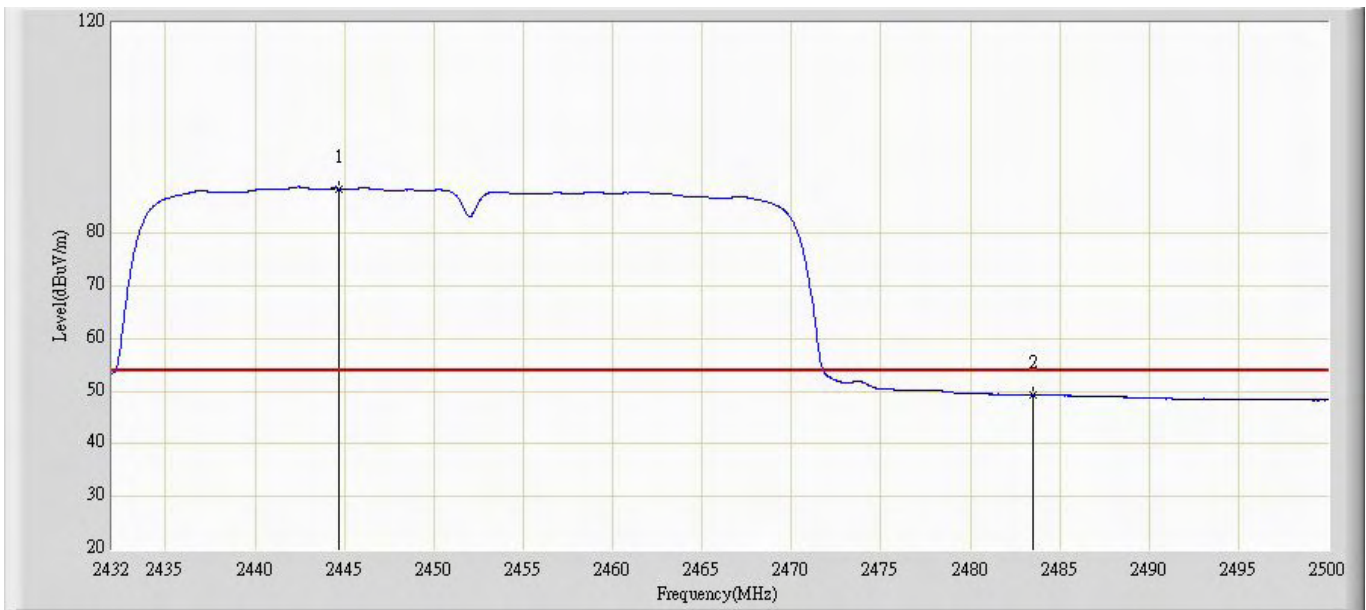
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2444.750	83.911	52.726	N/A	N/A	31.185	AV
2			2483.500	48.379	17.170	-5.621	54.000	31.209	AV

Profile: 11CS021R	Page No.: 69
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz by 802.11n(40MHz) (chain 1)	



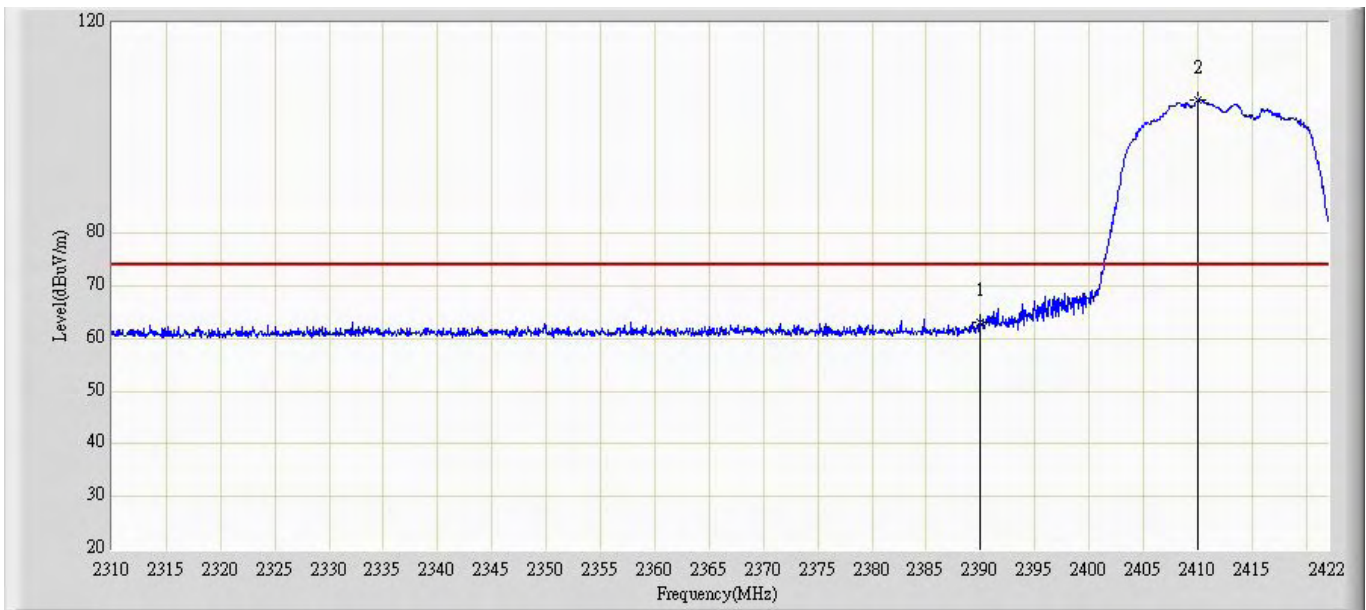
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2445.056	100.004	68.819	N/A	N/A	31.185	PK
2			2483.500	62.486	31.277	-11.514	74.000	31.209	PK
3			2485.890	64.845	33.635	-9.155	74.000	31.211	PK

Profile: 11CS021R	Page No.: 70
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz by 802.11n(40MHz) (chain 1)	



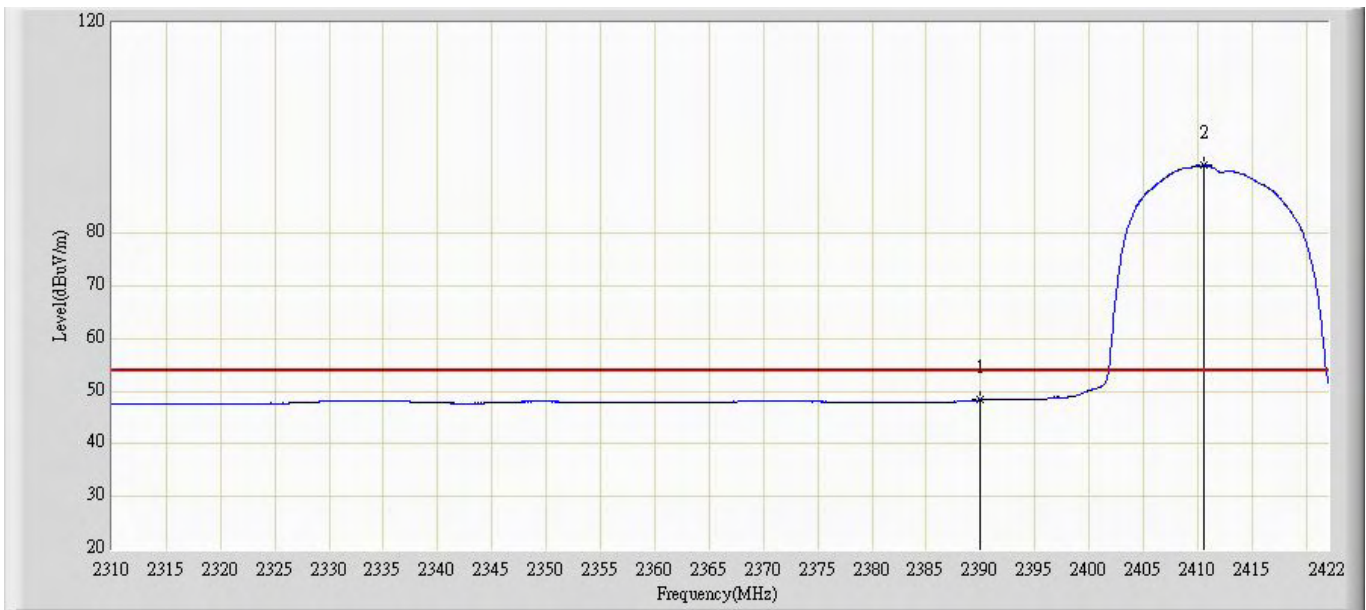
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2444.648	88.519	57.334	N/A	N/A	31.185	AV
2			2483.500	49.324	18.115	-4.676	54.000	31.209	AV

Profile: 11CS021R	Page No.: 49
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz by 802.11n(20MHz) (chain 0+1)	



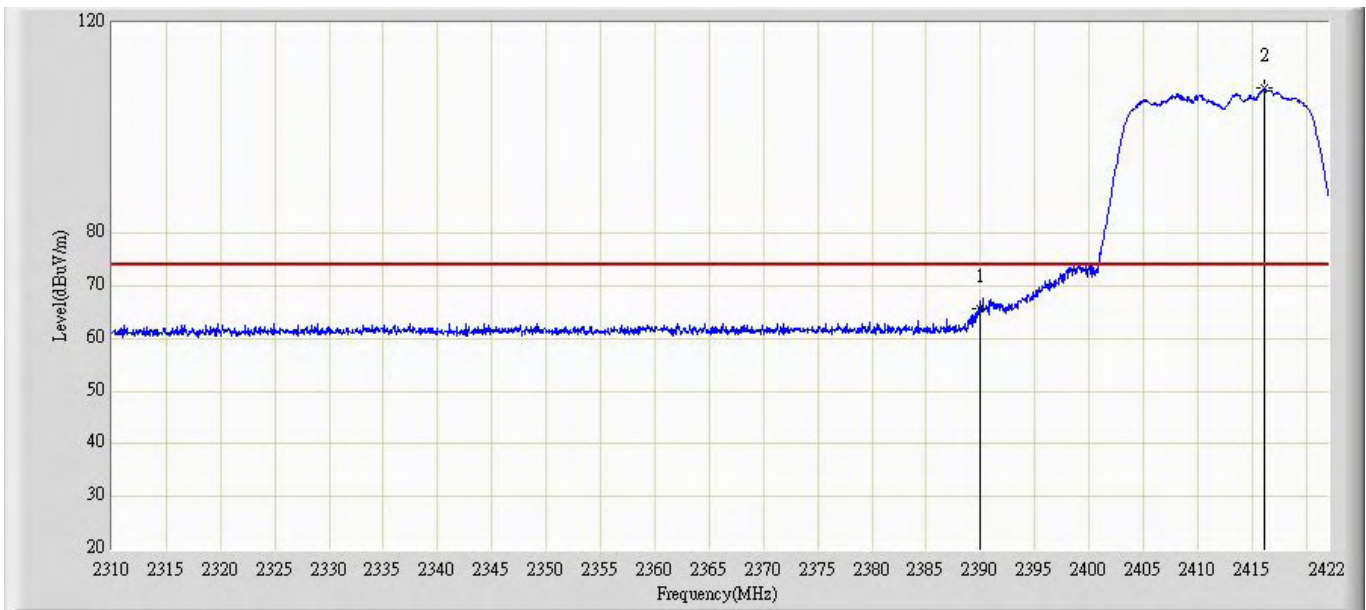
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	63.052	31.867	-10.948	74.000	31.185	PK
2		*	2410.072	105.337	74.157	N/A	N/A	31.181	PK

Profile: 11CS021R	Page No.: 50
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz by 802.11n(20MHz) (chain 0+1)	



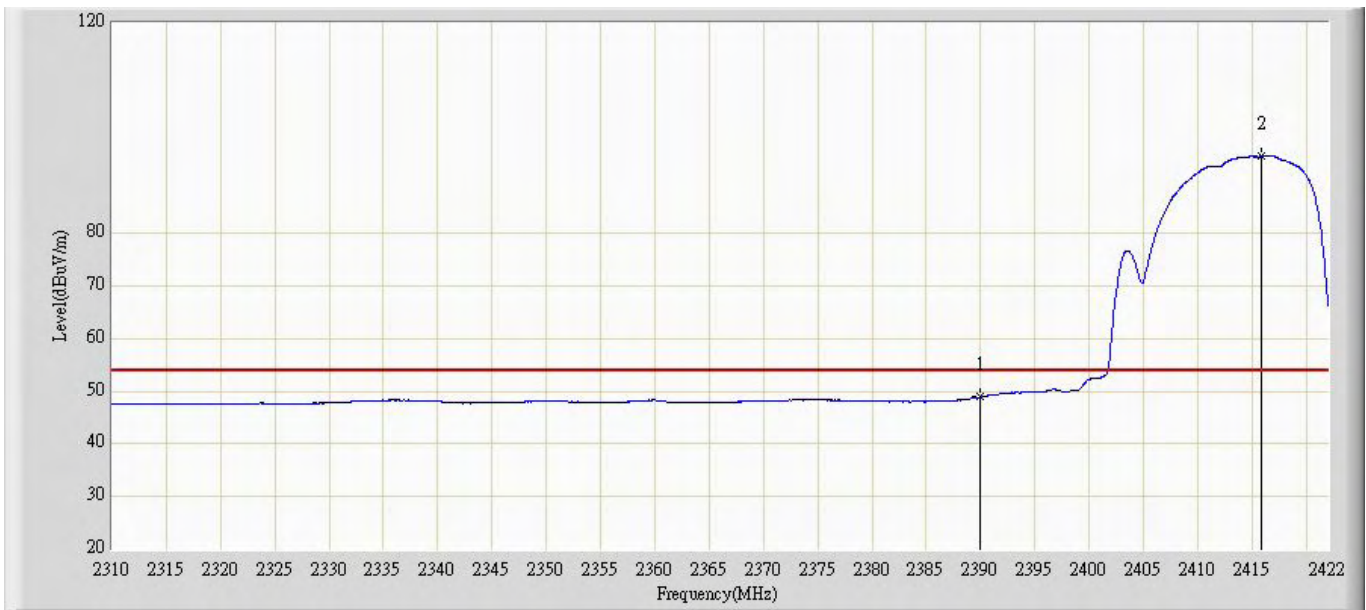
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	48.339	17.154	-5.661	54.000	31.185	AV
2		*	2410.632	92.904	61.724	N/A	N/A	31.180	AV

Profile: 11CS021R	Page No.: 51
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz by 802.11n(20MHz) (chain 0+1)	



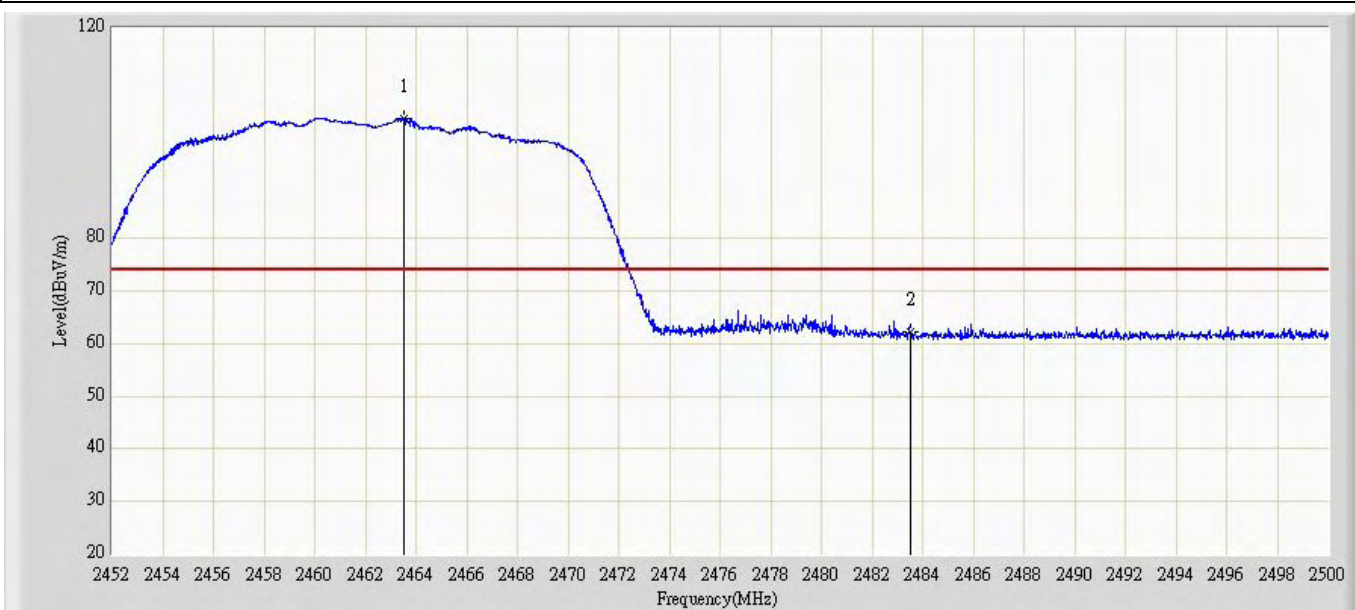
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	65.726	34.541	-8.274	74.000	31.185	PK
2		*	2416.176	107.572	76.390	N/A	N/A	31.182	PK

Profile: 11CS021R	Page No.: 52
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2412MHz by 802.11n(20MHz) (chain 0+1)	



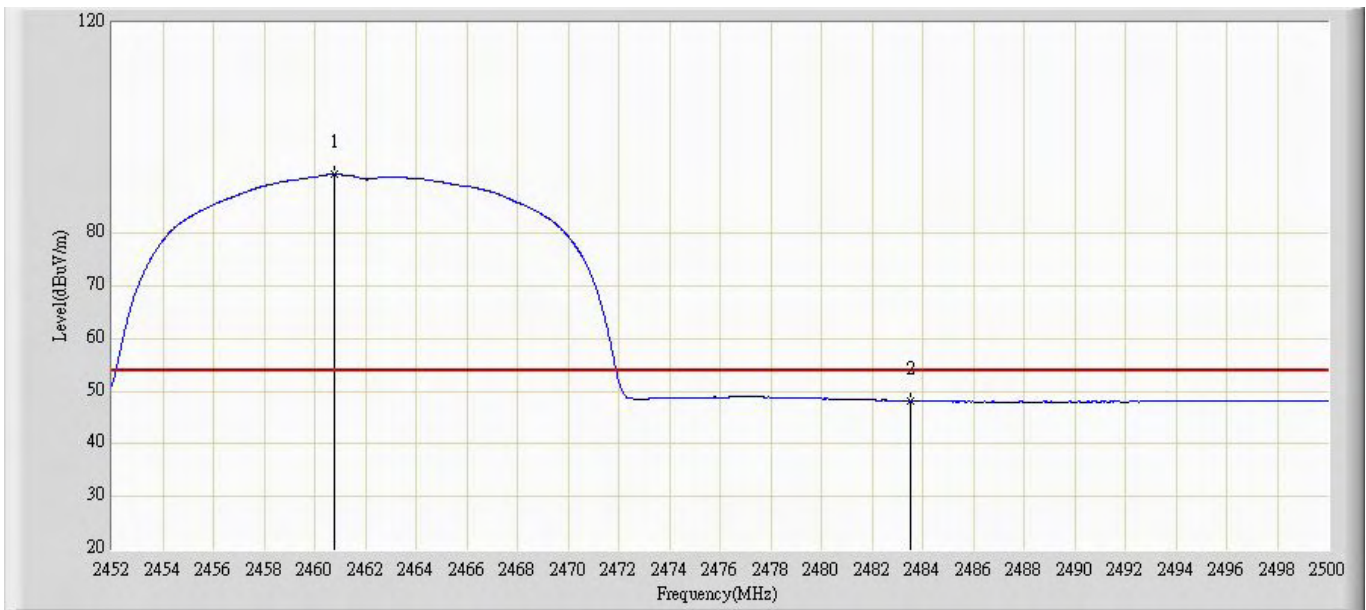
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	48.898	17.713	-5.102	54.000	31.185	AV
2		*	2415.840	94.608	63.426	N/A	N/A	31.182	AV

Profile: 11CS021R	Page No.: 55
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz by 802.11n(20MHz) (chain 0+1)	



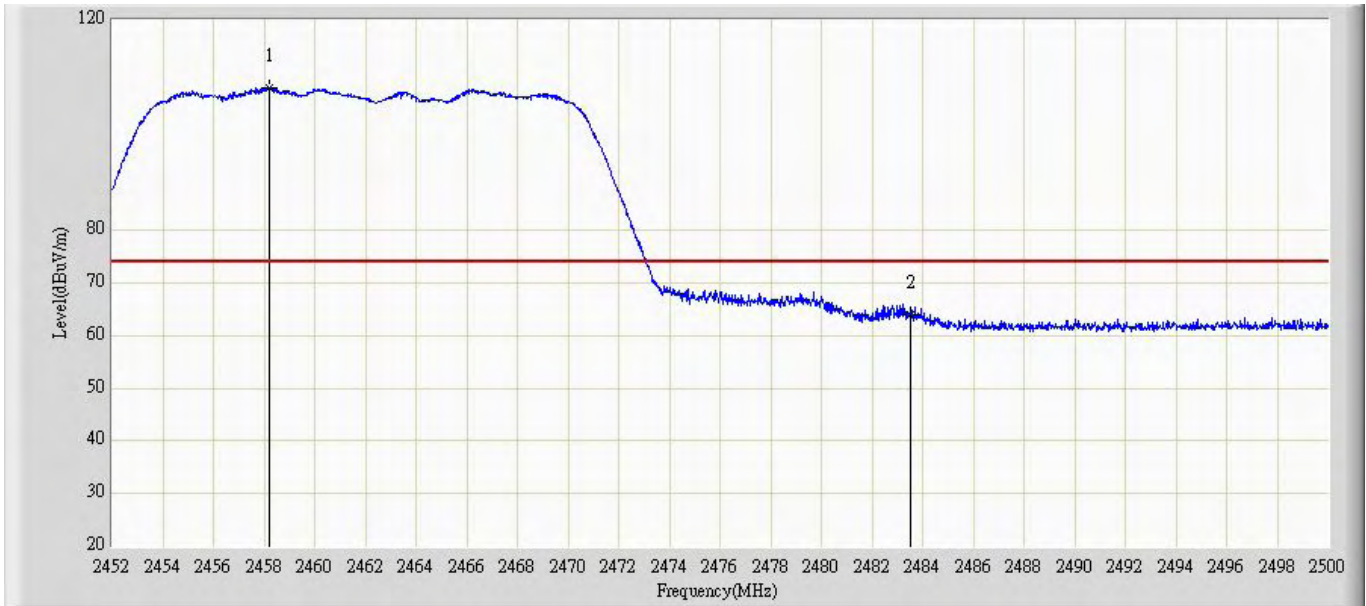
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2463.544	102.843	71.640	N/A	N/A	31.203	PK
2			2483.500	62.133	30.924	-11.867	74.000	31.209	PK

Profile: 11CS021R	Page No.: 56
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz by 802.11n(20MHz) (chain 0+1)	



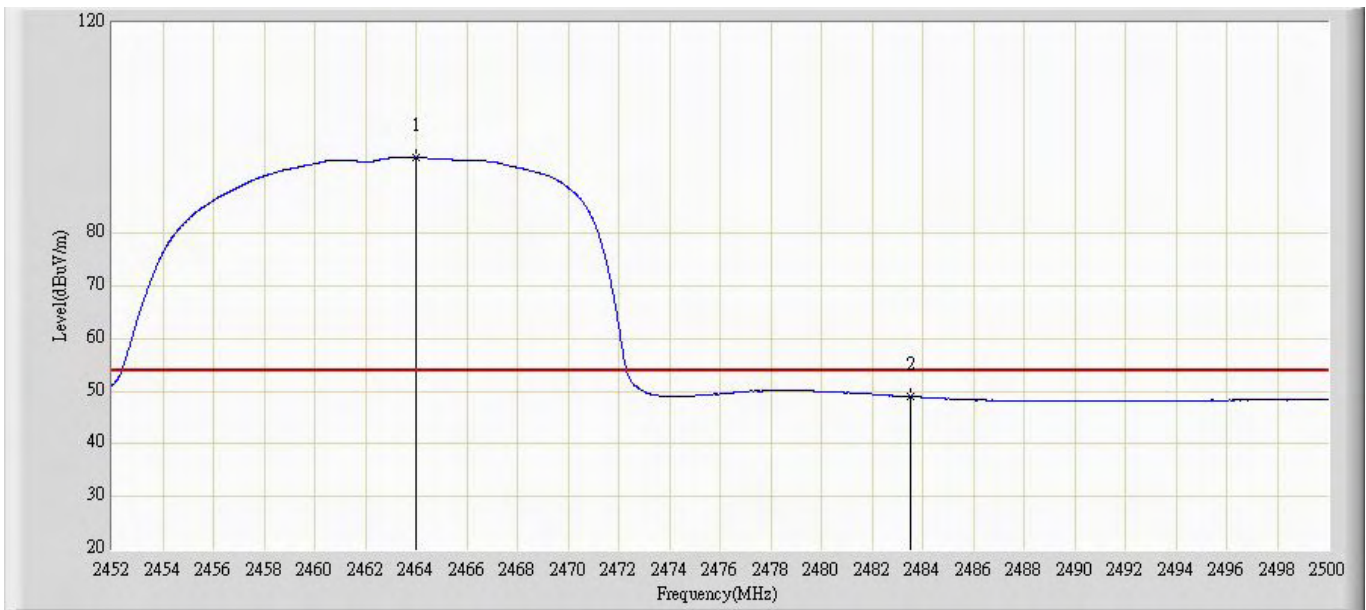
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2460.784	91.167	59.965	N/A	N/A	31.202	AV
2			2483.500	48.172	16.963	-5.828	54.000	31.209	AV

Profile: 11CS021R	Page No.: 53
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz by 802.11n(20MHz) (chain 0+1)	



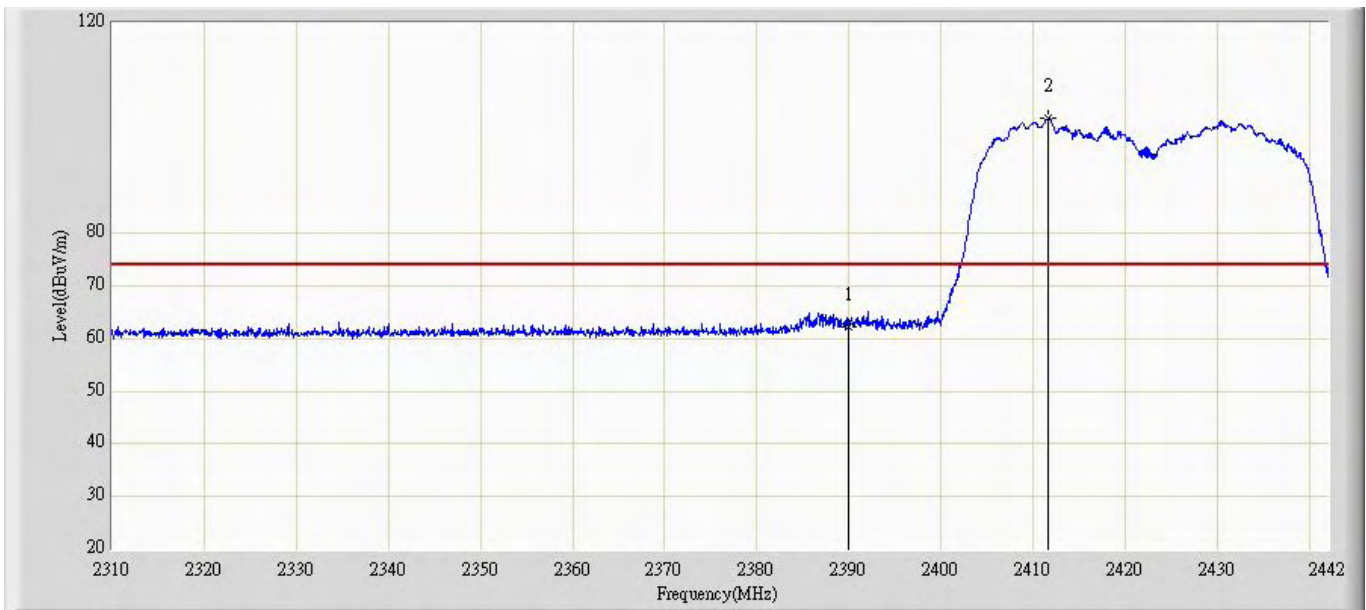
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2458.192	107.164	75.965	N/A	N/A	31.199	PK
2			2483.500	64.006	32.797	-9.994	74.000	31.209	PK

Profile: 11CS021R	Page No.: 54
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 16:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 2462MHz by 802.11n(20MHz) (chain 0+1)	



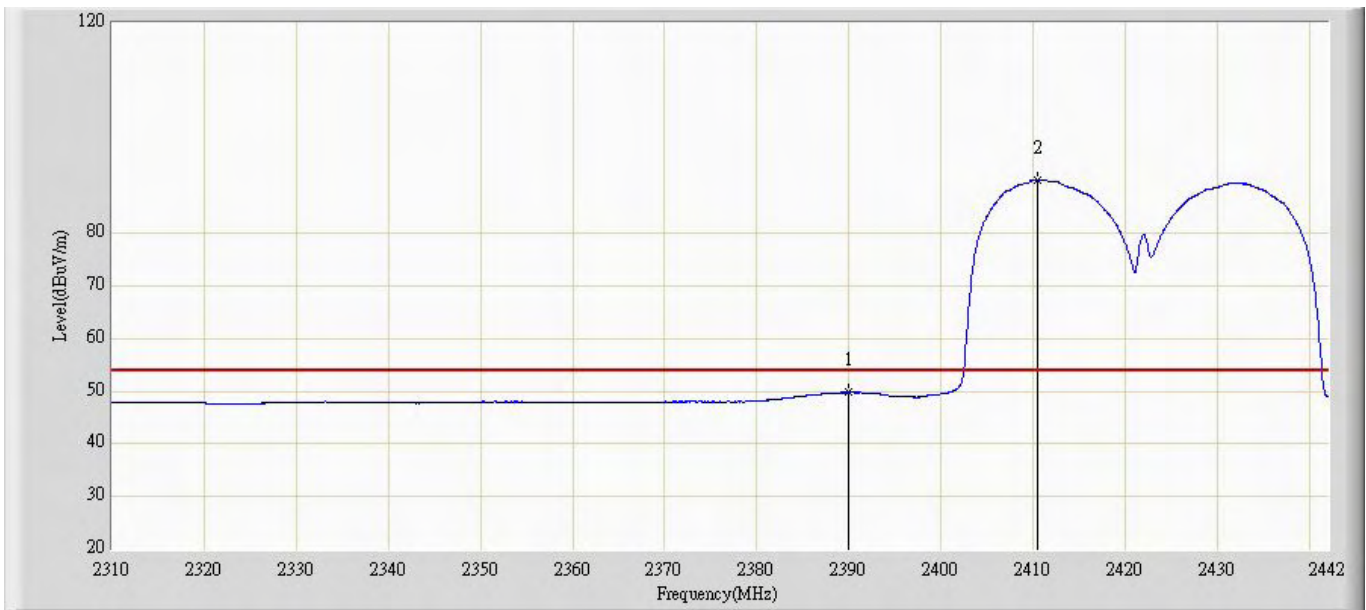
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2464.000	94.400	63.197	N/A	N/A	31.204	AV
2			2483.500	48.978	17.769	-5.022	54.000	31.209	AV

Profile: 11CS021R	Page No.: 73
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz by 802.11n(40MHz) (chain 0+1)	



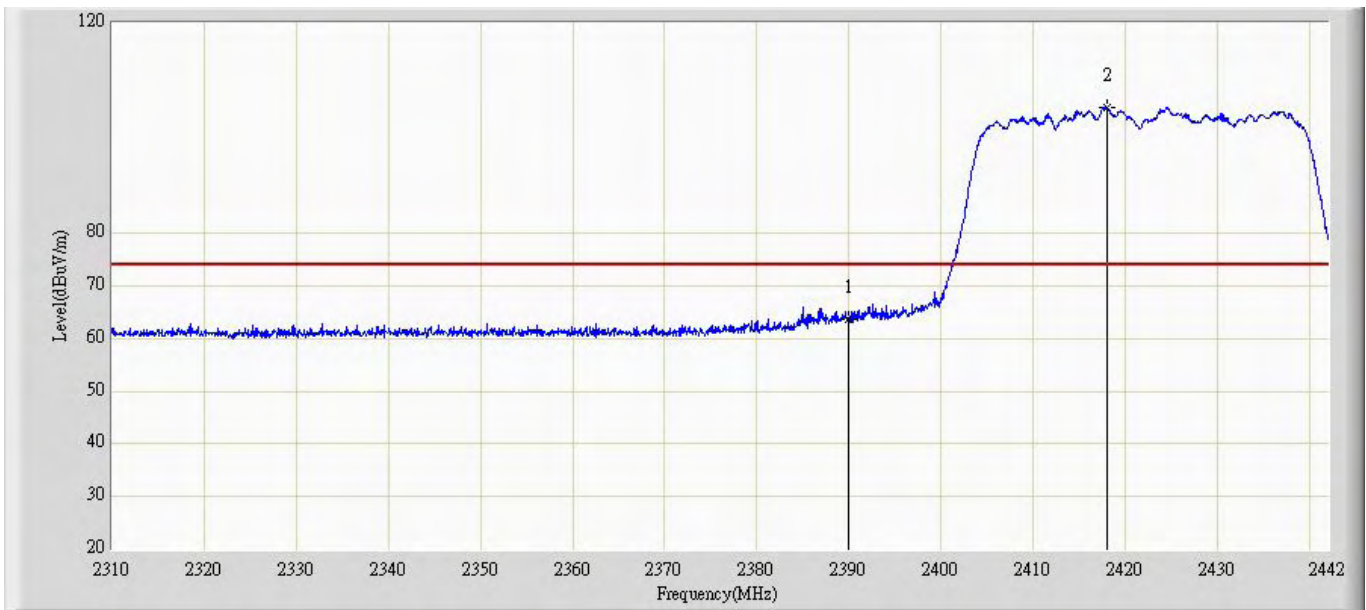
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	62.103	30.918	-11.897	74.000	31.185	PK
2		*	2411.640	101.904	70.724	N/A	N/A	31.181	PK

Profile: 11CS021R	Page No.: 74
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz by 802.11n(40MHz) (chain 0+1)	



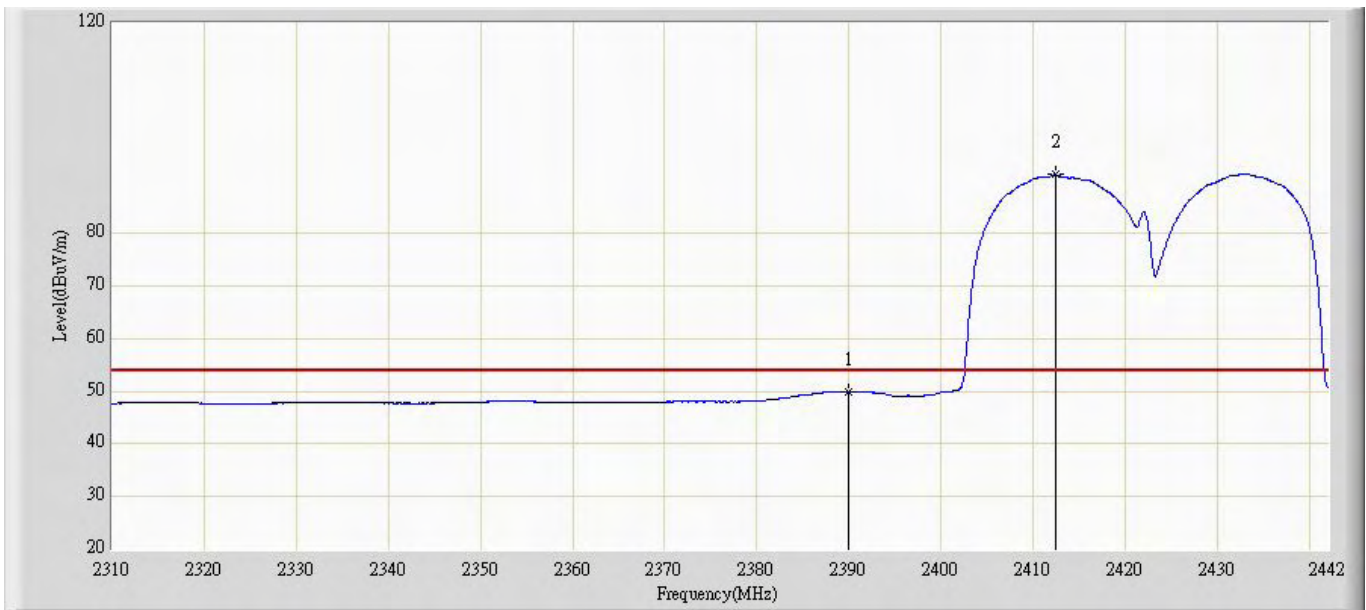
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	49.759	18.574	-4.241	54.000	31.185	AV
2		*	2410.518	90.095	58.915	N/A	N/A	31.180	AV

Profile: 11CS021R	Page No.: 75
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz by 802.11n(40MHz) (chain 0+1)	



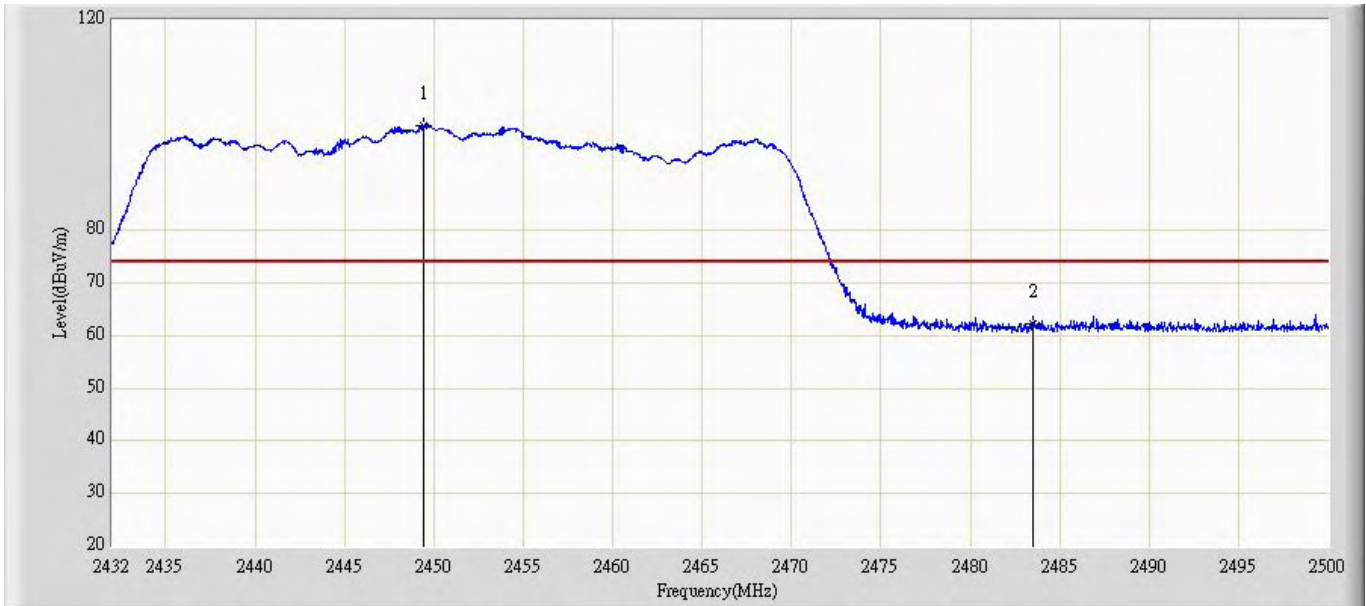
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	63.617	32.432	-10.383	74.000	31.185	PK
2		*	2418.042	104.025	72.843	N/A	N/A	31.183	PK

Profile: 11CS021R	Page No.: 76
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 17:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2422MHz by 802.11n(40MHz) (chain 0+1)	



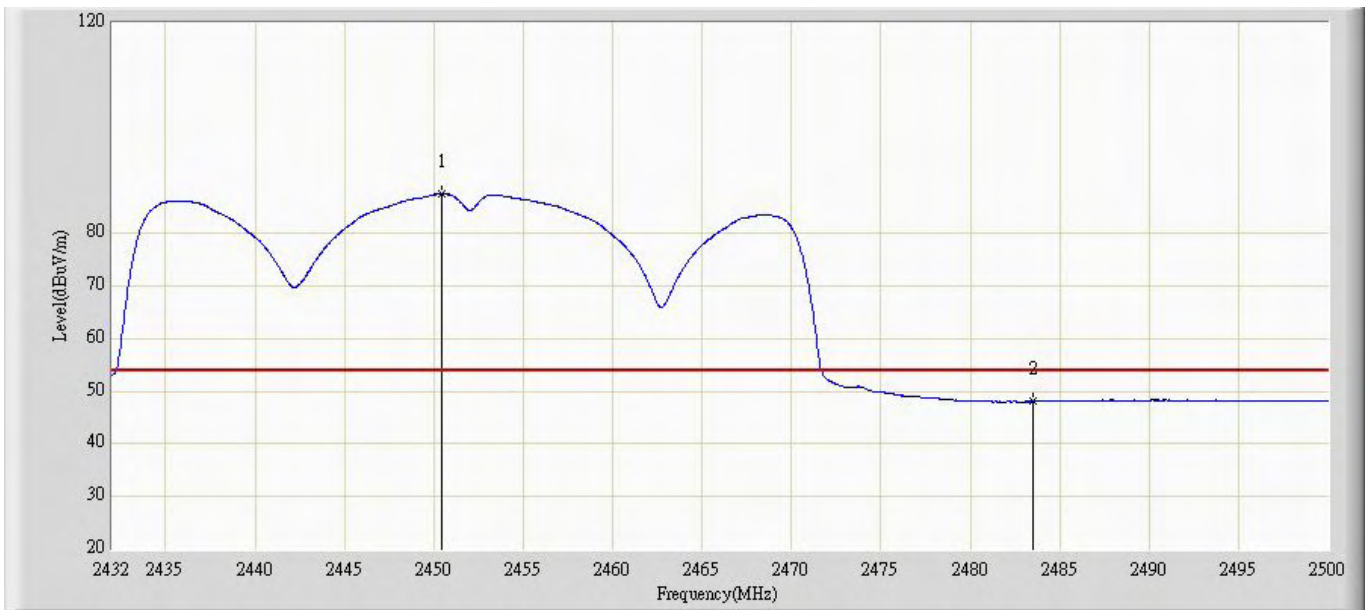
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	49.929	18.744	-4.071	54.000	31.185	AV
2		*	2412.366	91.142	59.962	N/A	N/A	31.180	AV

Profile: 11CS021R	Page No.: 79
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 17:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz by 802.11n(40MHz) (chain 0+1)	



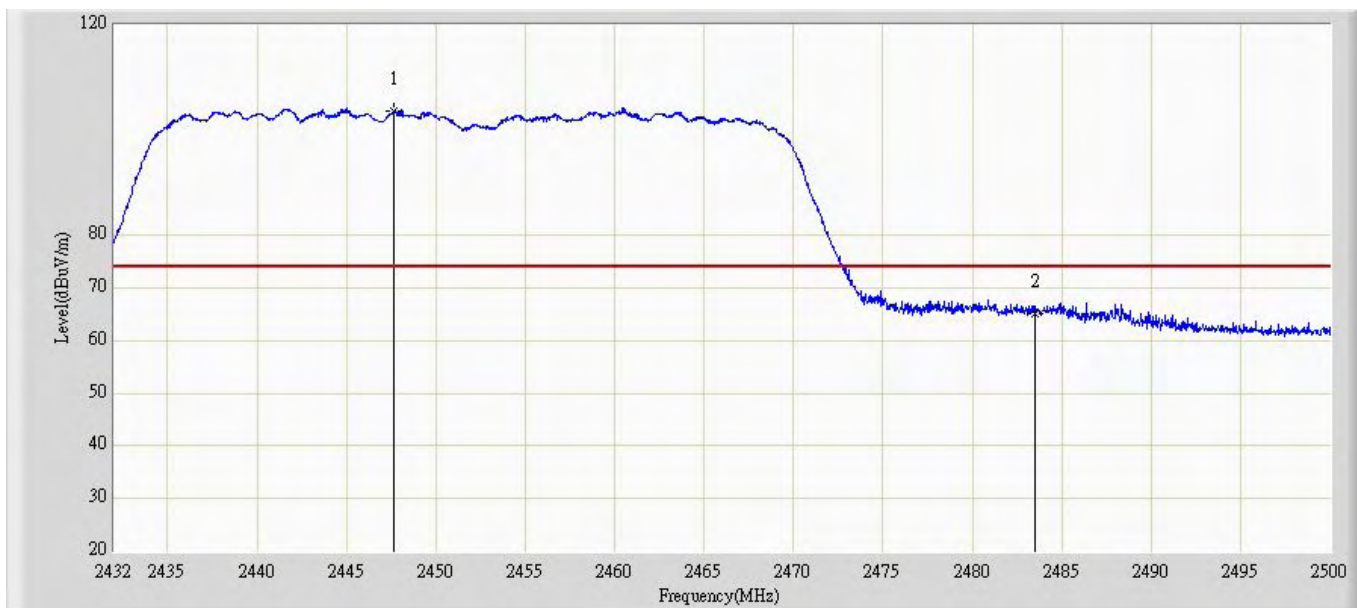
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2449.408	100.021	68.831	N/A	N/A	31.190	PK
2			2483.500	62.218	31.009	-11.782	74.000	31.209	PK

Profile: 11CS021R	Page No.: 80
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 17:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Horizontal
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz by 802.11n(40MHz) (chain 0+1)	



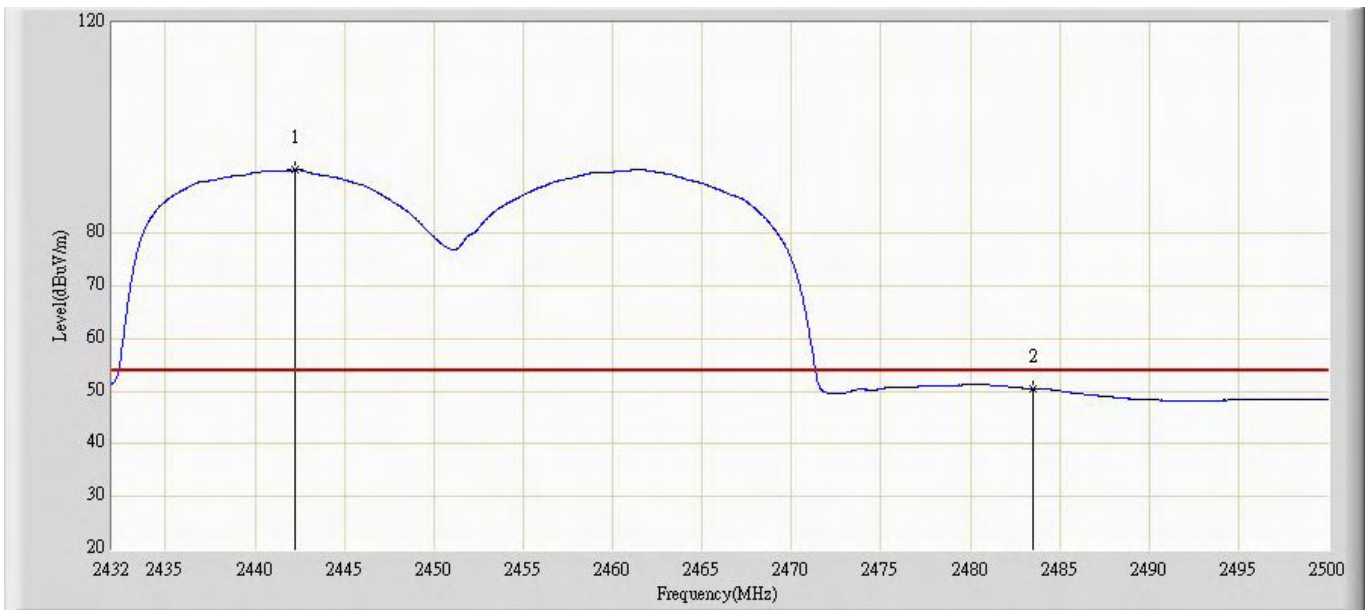
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2450.462	87.466	56.275	N/A	N/A	31.191	AV
2			2483.500	48.065	16.856	-5.935	54.000	31.209	AV

Profile: 11CS021R	Page No.: 77
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 17:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz by 802.11n(40MHz) (chain 0+1)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2447.606	103.590	72.402	N/A	N/A	31.188	PK
2			2483.500	64.987	33.778	-9.013	74.000	31.209	PK

Profile: 11CS021R	Page No.: 78
Engineer: Toms	
Site: AC5	Time: 2011/12/17 - 17:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_499(1-18GHz)	Polarity: Vertical
EUT: Wireless LAN Module	Power: AC 120V/60Hz
Note: Mode 4: Transmit at channel 2452MHz by 802.11n(40MHz) (chain 0+1)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	2442.234	92.009	60.824	N/A	N/A	31.186	AV
2			2483.500	50.438	19.229	-3.562	54.000	31.209	AV

7. Operation Frequency Range of 20dB Bandwidth

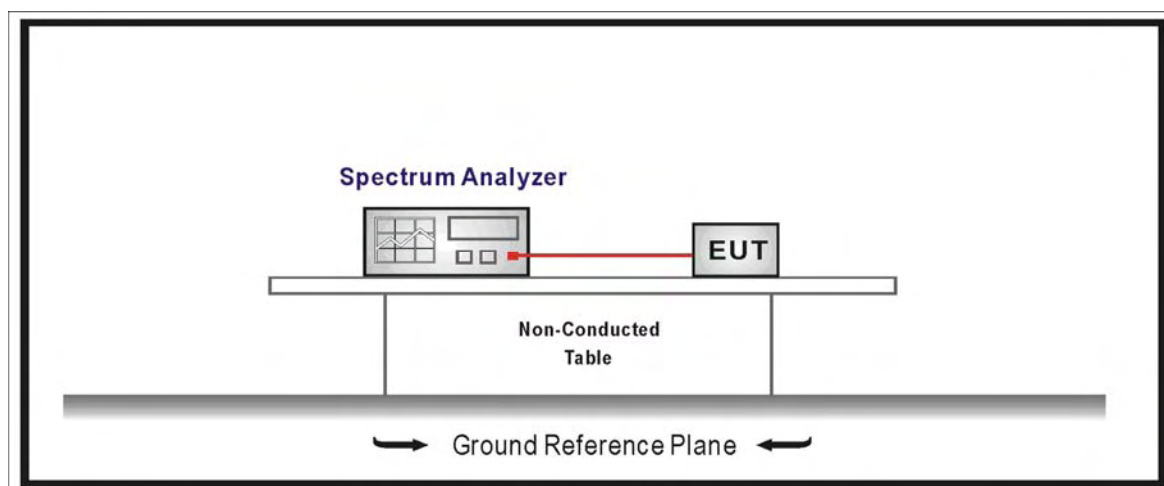
7.1. Test Equipment

Operation Frequency Range of 20dB Bandwidth / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2012.04.30
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2012.05.04

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

7.2. Test Setup



7.3. Limit

20 dB bandwidth of the emission is contained within the operation frequency band.

7.4. Test Procedure

The EUT was tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Span greater than RBW.

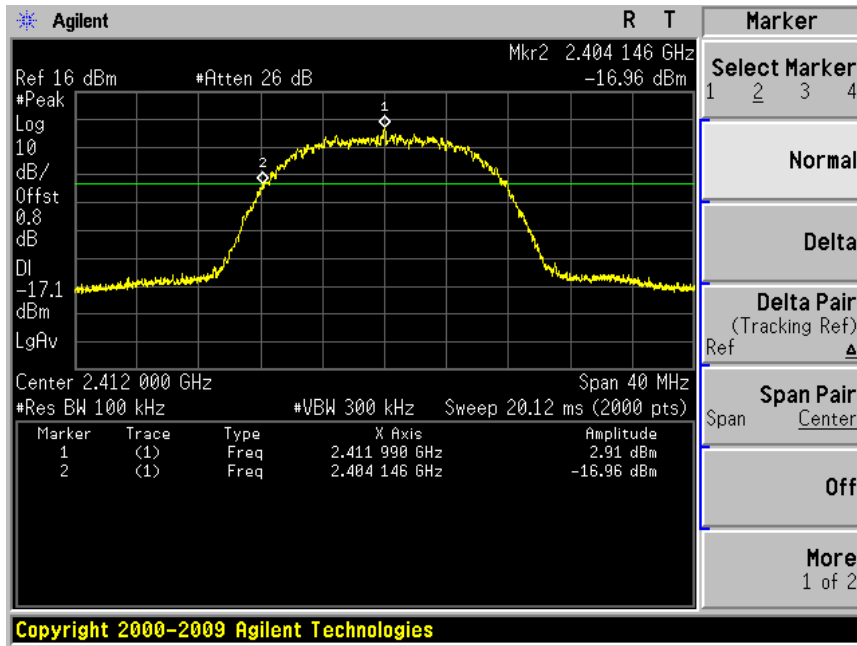
7.5. Uncertainty

The measurement uncertainty is defined as ± 1 kHz

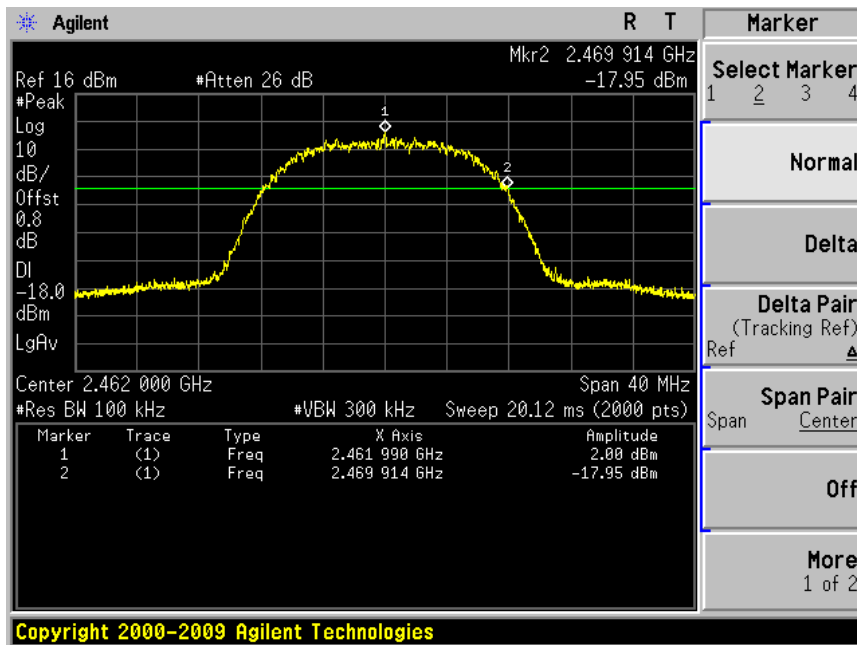
7.6. Test Result

Product	: Wireless LAN Module
Test Item	: Operation Frequency Range of 20dB Bandwidth
Test Site	: TR-8
Test Mode	: Mode 1: Transmit by 802.11b (Chain 0)

Channel 01 (2412MHz)

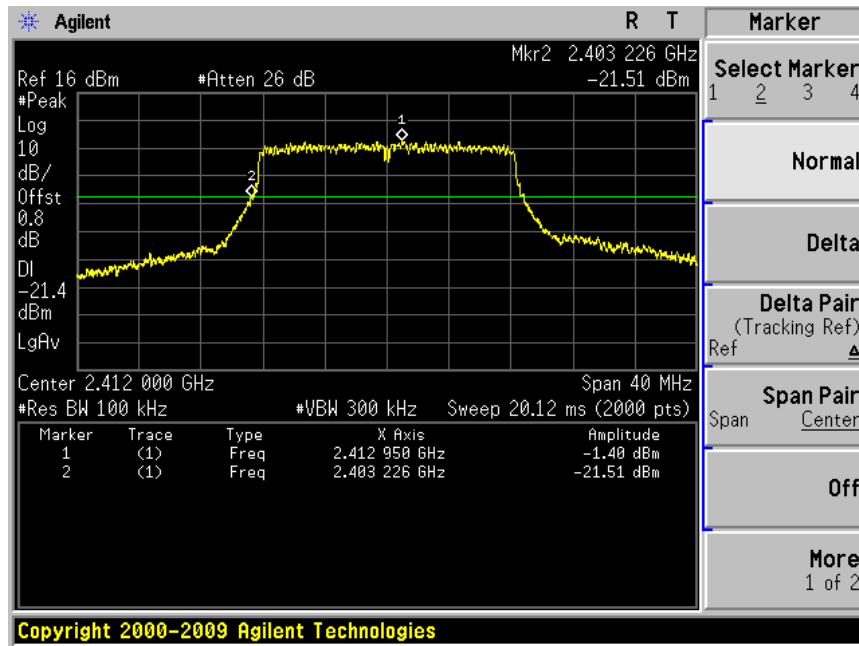


Channel 11 (2462MHz)

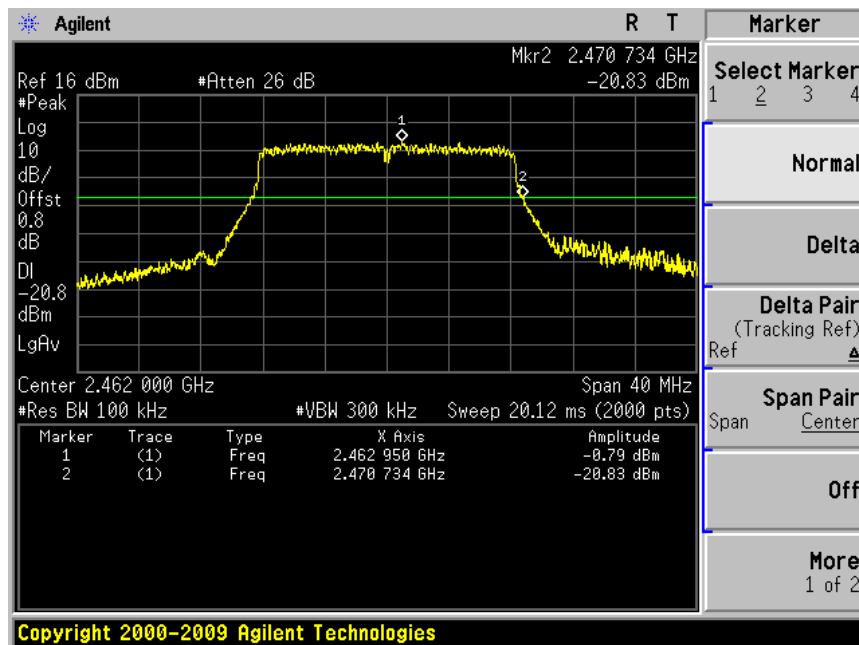


Product	: Wireless LAN Module
Test Item	: Operation Frequency Range of 20dB Bandwidth
Test Site	: TR-8
Test Mode	: Mode 2: Transmit by 802.11g (Chain 0)

Channel 01 (2412MHz)

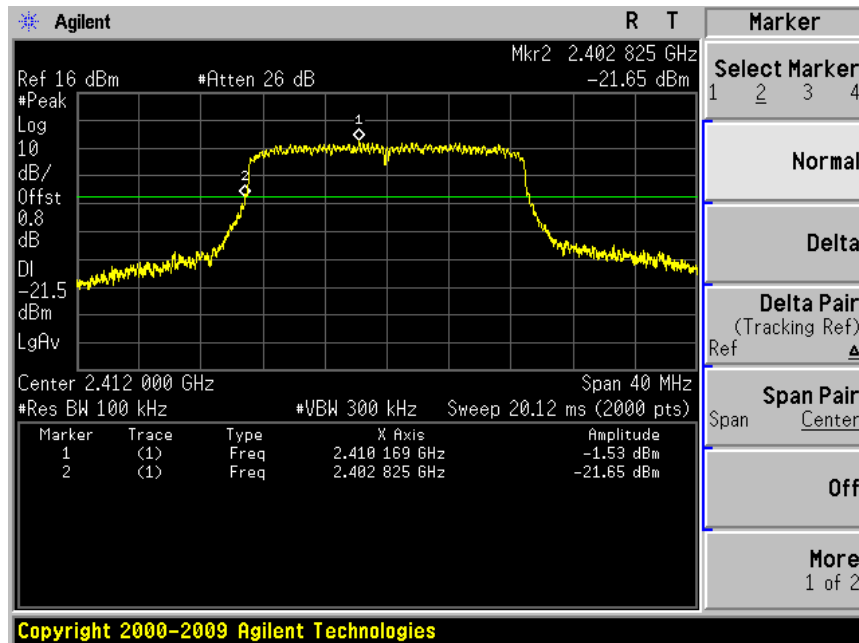


Channel 11 (2462MHz)

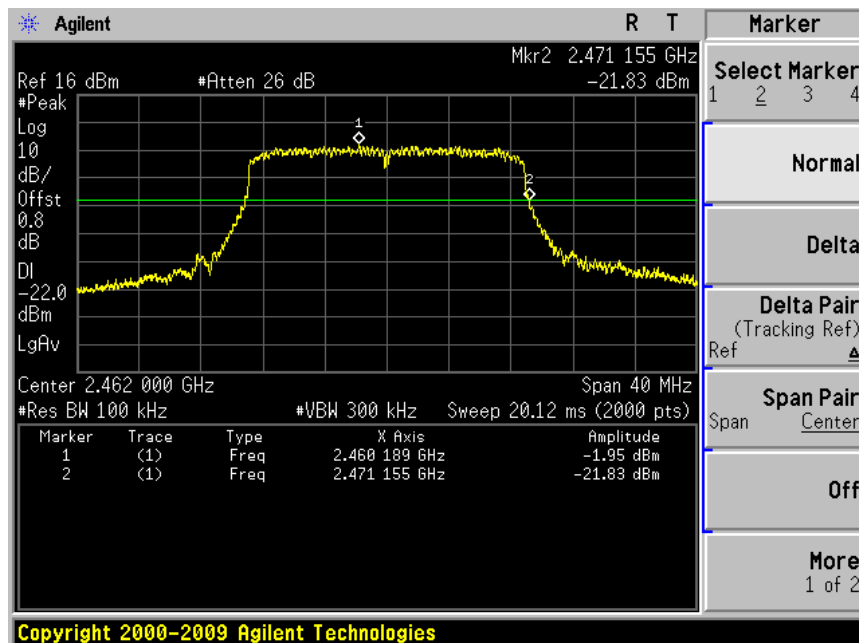


Product	: Wireless LAN Module
Test Item	: Operation Frequency Range of 20dB Bandwidth
Test Site	: TR-8
Test Mode	: Mode 3: Transmit by 802.11n (20MHz) (Chain 0)

Channel 01 (2412MHz)

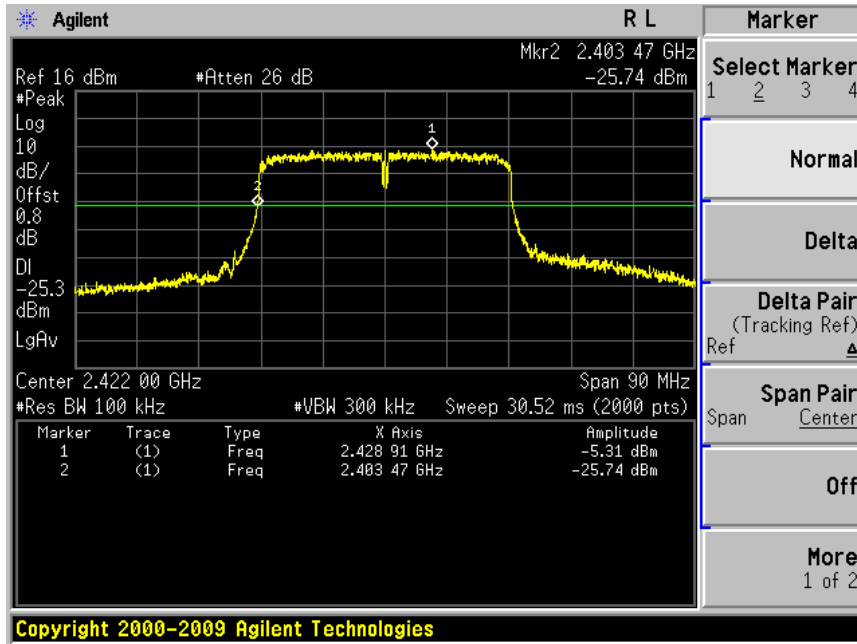


Channel 11 (2462MHz)

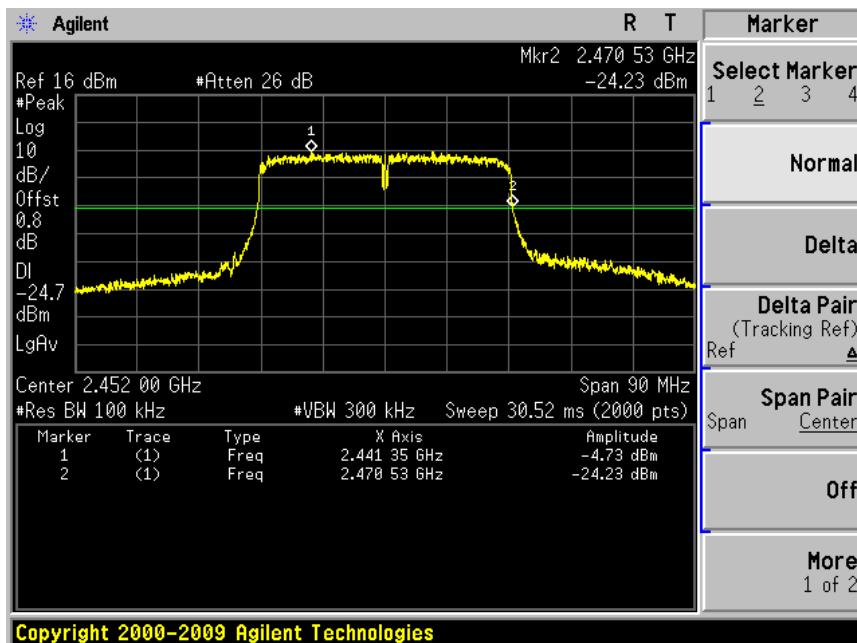


Product	: Wireless LAN Module
Test Item	: Operation Frequency Range of 20dB Bandwidth
Test Site	: TR-8
Test Mode	: Mode 4: Transmit by 802.11n (40MHz) (Chain 0)

Channel 03 (2422MHz)

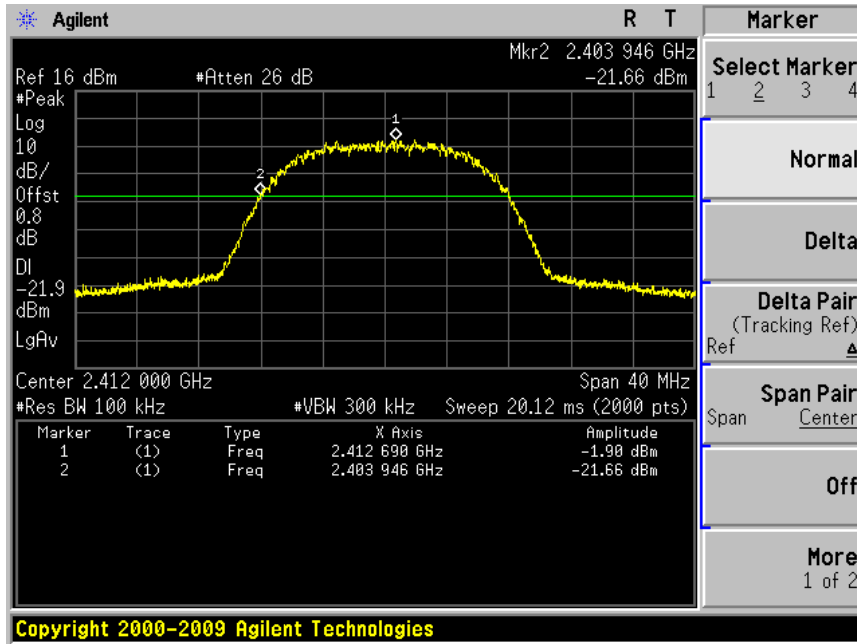


Channel 09 (2452MHz)

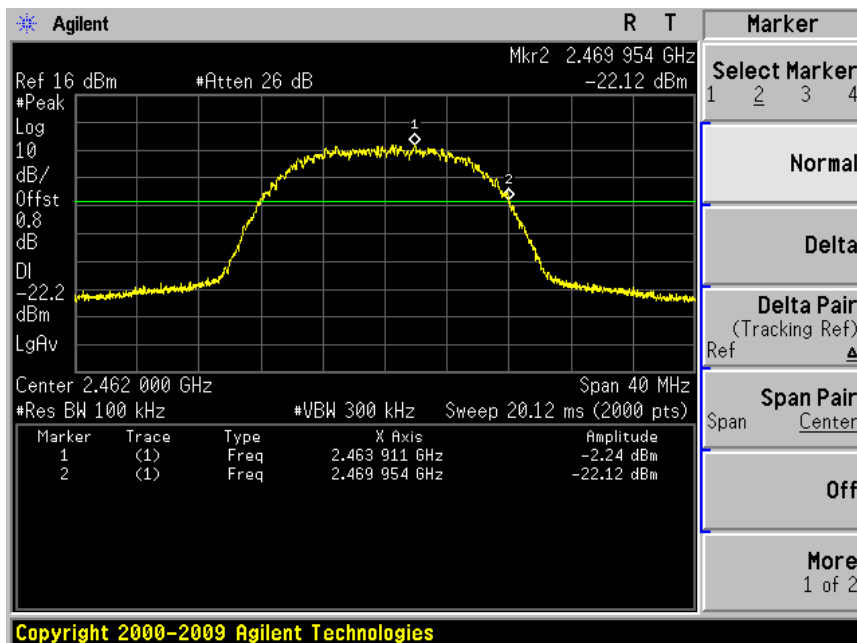


Product	: Wireless LAN Module
Test Item	: Operation Frequency Range of 20dB Bandwidth
Test Site	: TR-8
Test Mode	: Mode 1: Transmit by 802.11b (Chain 1)

Channel 01 (2412MHz)

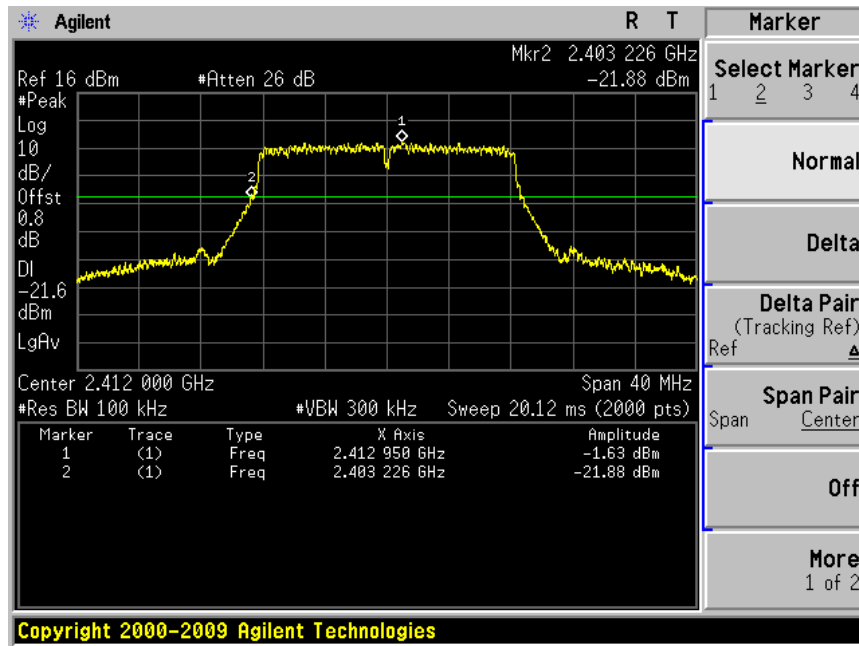


Channel 11 (2462MHz)

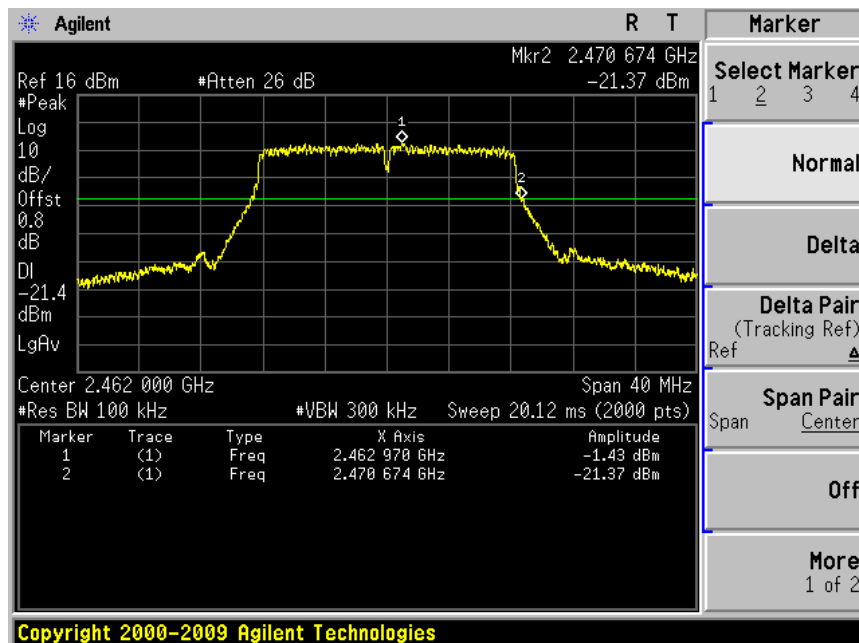


Product	: Wireless LAN Module
Test Item	: Operation Frequency Range of 20dB Bandwidth
Test Site	: TR-8
Test Mode	: Mode 2: Transmit by 802.11g (Chain 1)

Channel 01 (2412MHz)

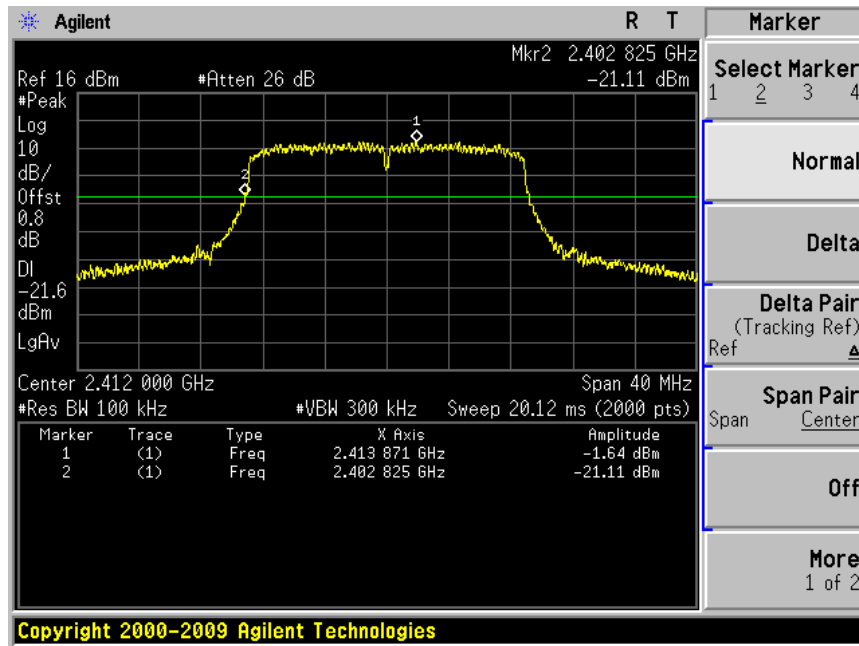


Channel 11 (2462MHz)

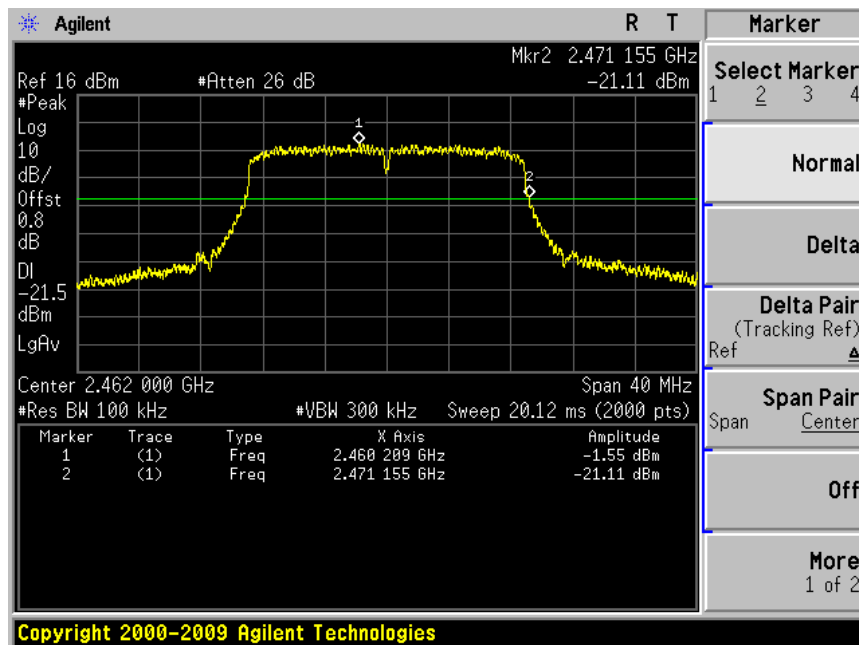


Product	: Wireless LAN Module
Test Item	: Operation Frequency Range of 20dB Bandwidth
Test Site	: TR-8
Test Mode	: Mode 3: Transmit by 802.11n (20MHz) (Chain 1)

Channel 01 (2412MHz)

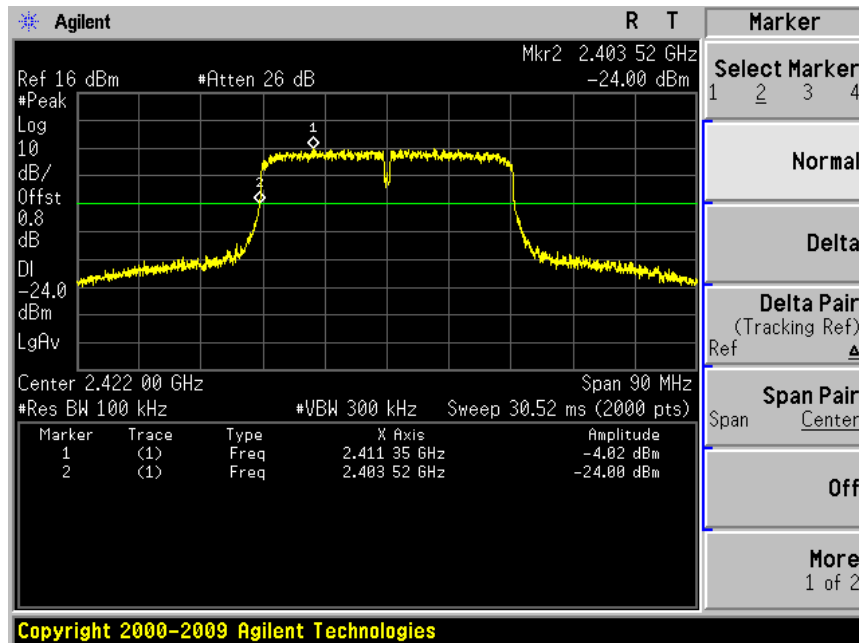


Channel 11 (2462MHz)

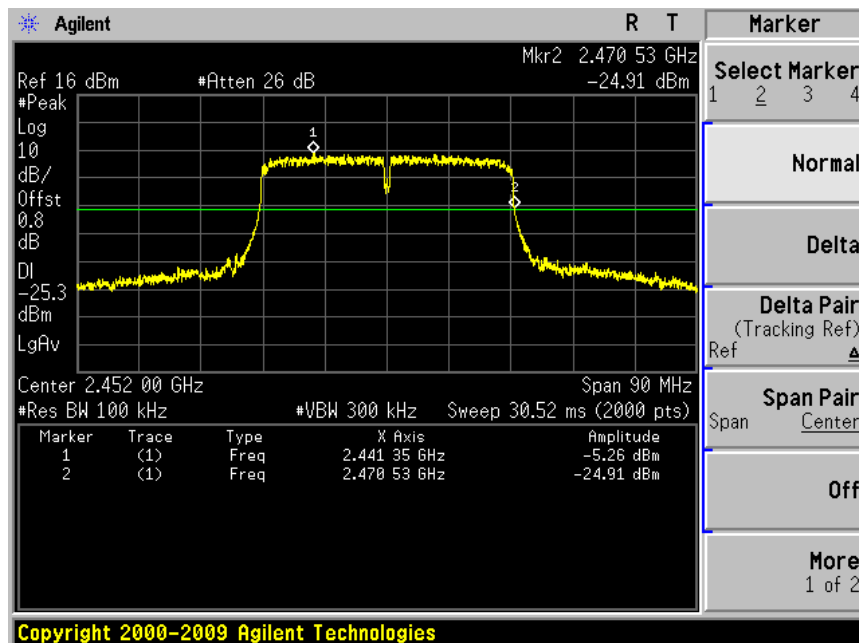


Product	: Wireless LAN Module
Test Item	: Operation Frequency Range of 20dB Bandwidth
Test Site	: TR-8
Test Mode	: Mode 4: Transmit by 802.11n (40MHz) (Chain 1)

Channel 03 (2422MHz)



Channel 09 (2452MHz)



8. Occupied Bandwidth

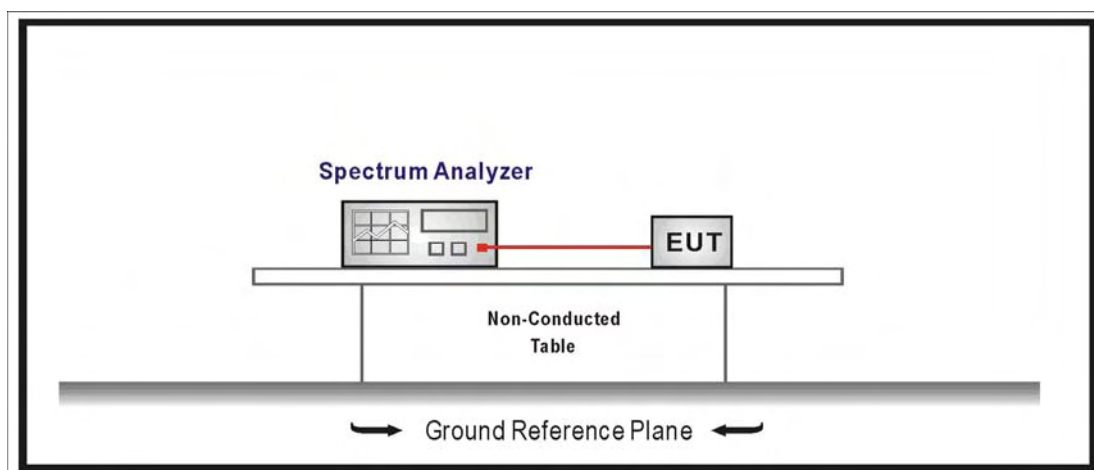
8.1. Test Equipment

Occupied Bandwidth / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2012.04.30
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2012.05.04

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

8.2. Test Setup



8.3. Limit

The minimum 6 dB bandwidth shall be at least 500 kHz.

8.4. Test Procedure

The EUT was tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Span greater than RBW.

8.5. Uncertainty

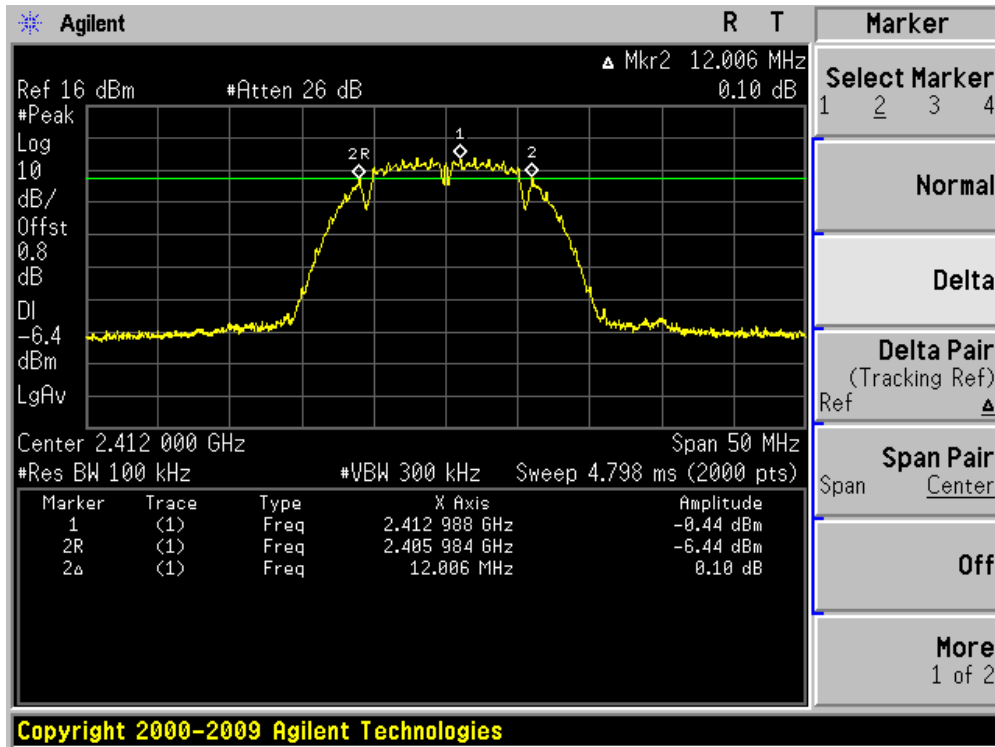
The measurement uncertainty is defined as ± 1 kHz

8.6. Test Result

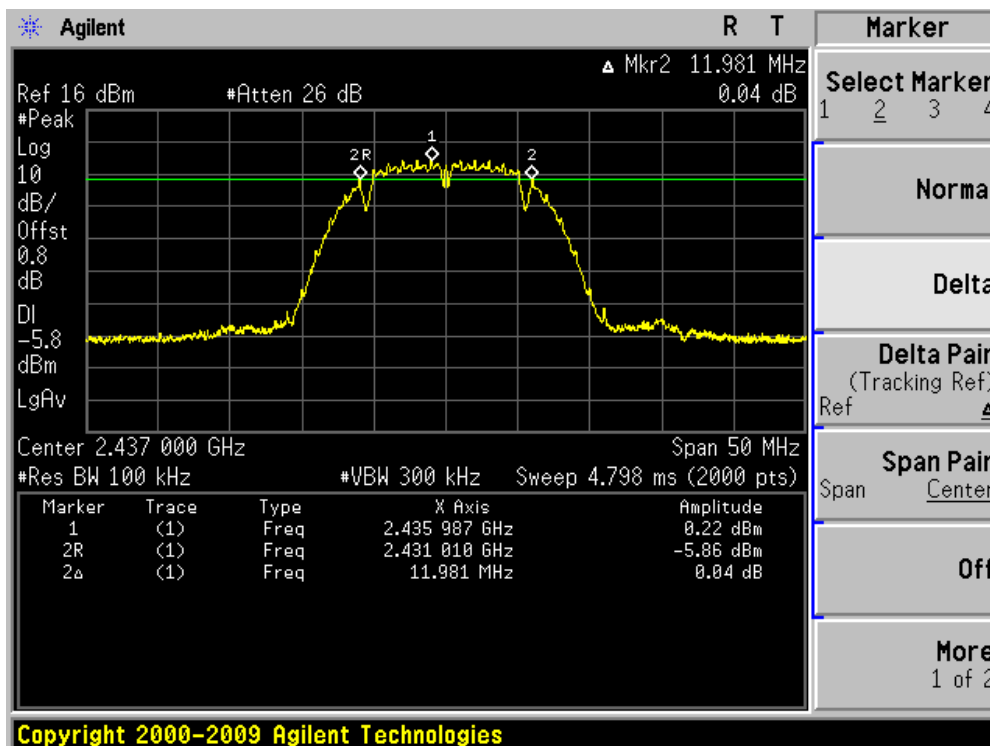
Product	:	Wireless LAN Module
Test Item	:	6dB Occupied Bandwidth
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	12006	500	Pass
06	2437	11981	500	Pass
11	2462	12006	500	Pass

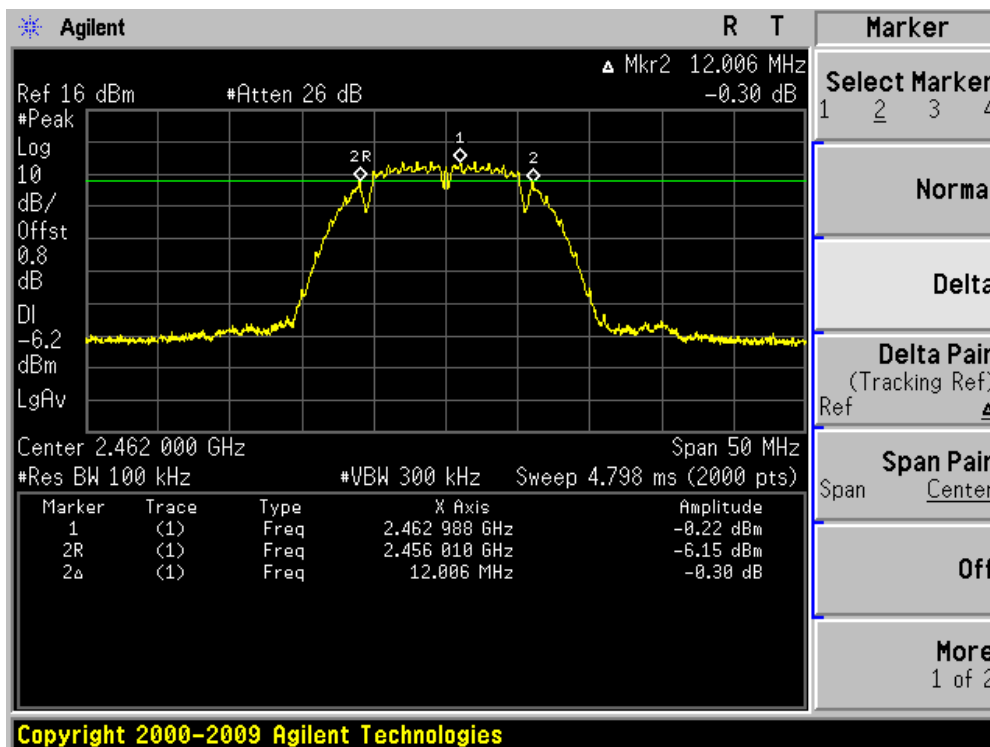
Channel 01 (2412MHz)



Channel 06 (2437MHz)



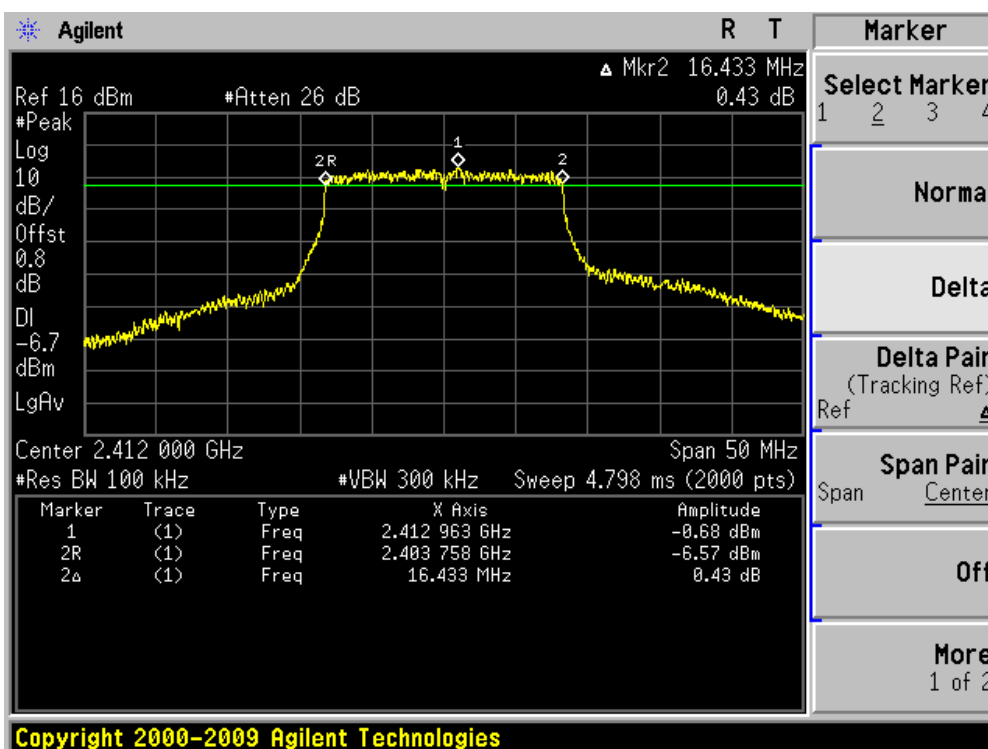
Channel 11 (2462MHz)



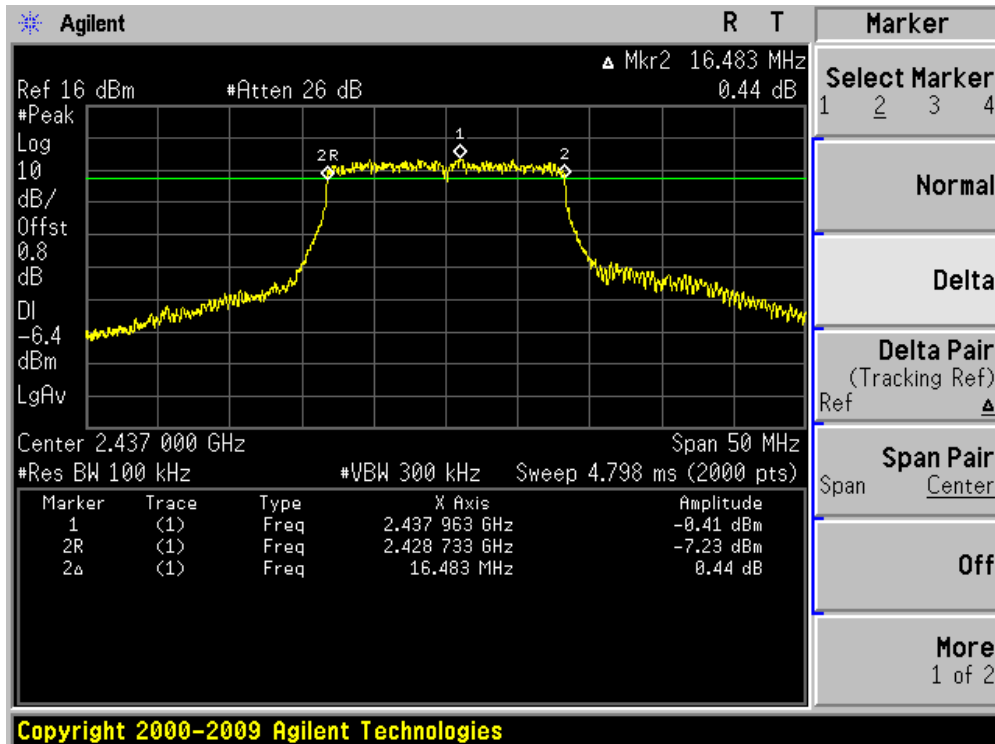
Product	: Wireless LAN Module
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 2: Transmit by 802.11g (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	16433	500	Pass
06	2437	16483	500	Pass
11	2462	16508	500	Pass

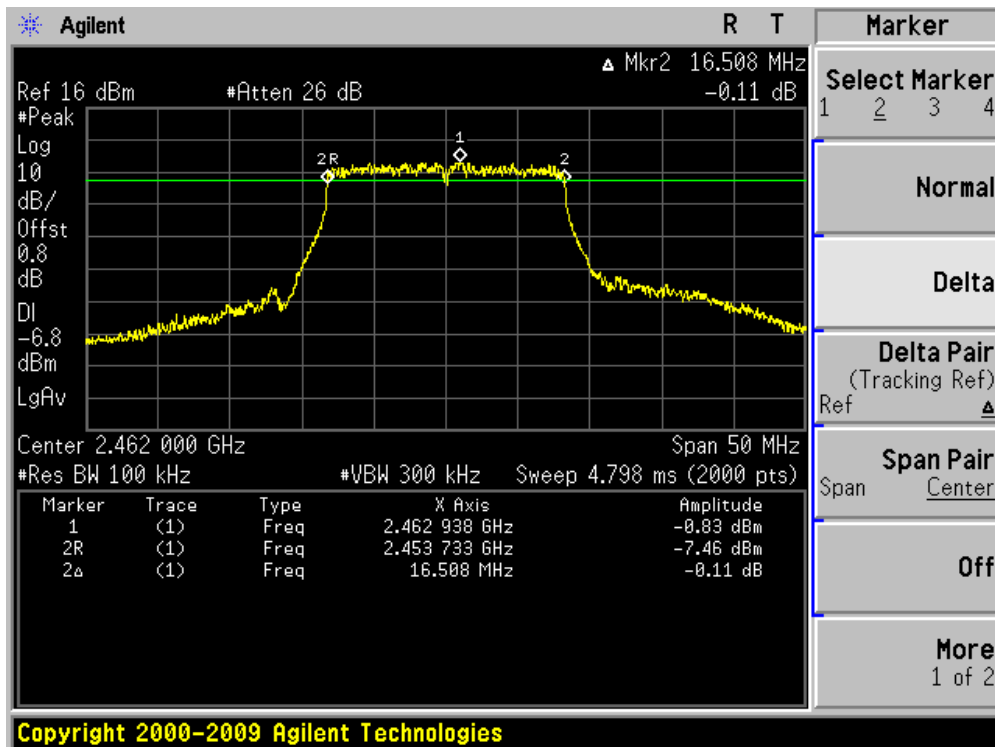
Channel 01 (2412MHz)



Channel 06 (2437MHz)



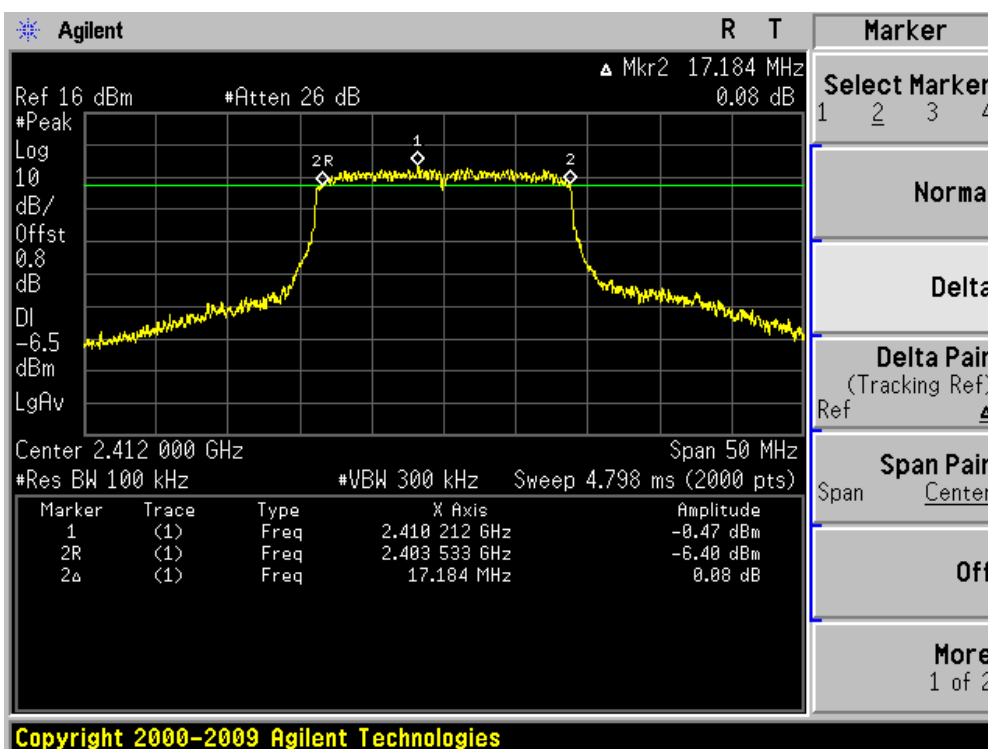
Channel 11 (2462MHz)



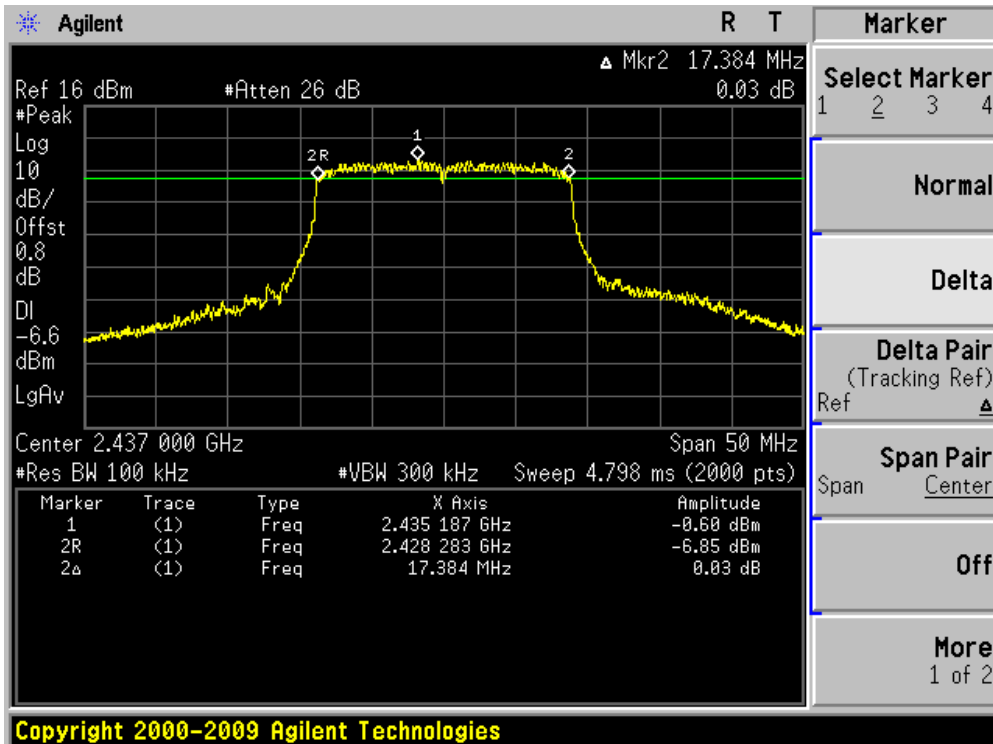
Product	: Wireless LAN Module
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 3: Transmit by 802.11n (20MHz) (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	17184	500	Pass
06	2437	17384	500	Pass
11	2462	17459	500	Pass

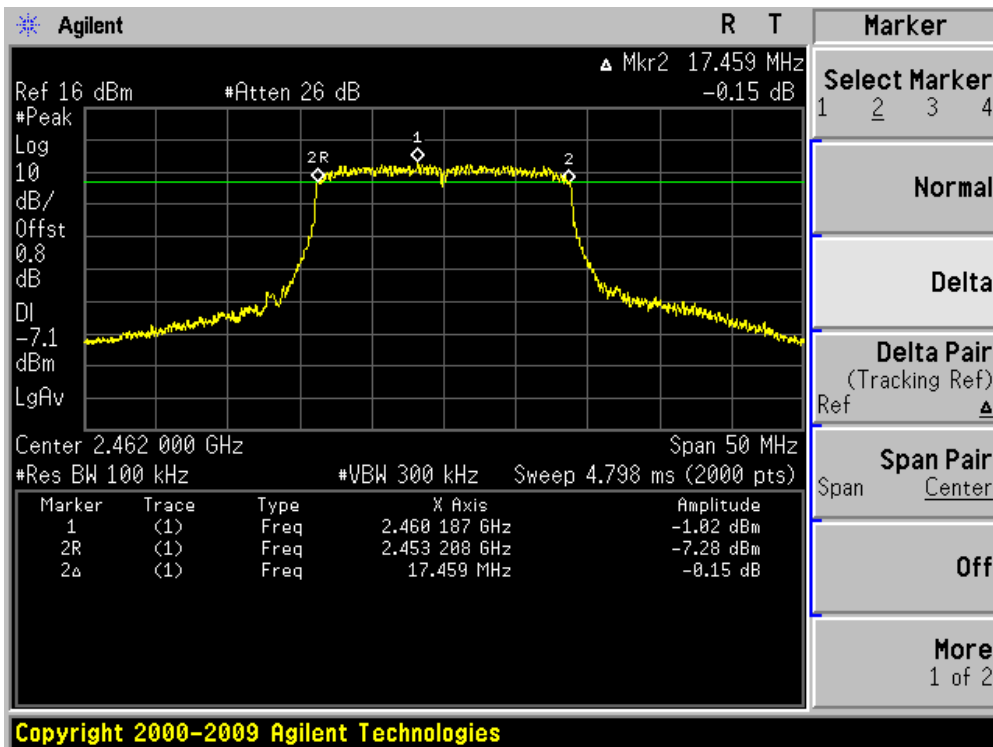
Channel 01 (2412MHz)



Channel 06 (2437MHz)



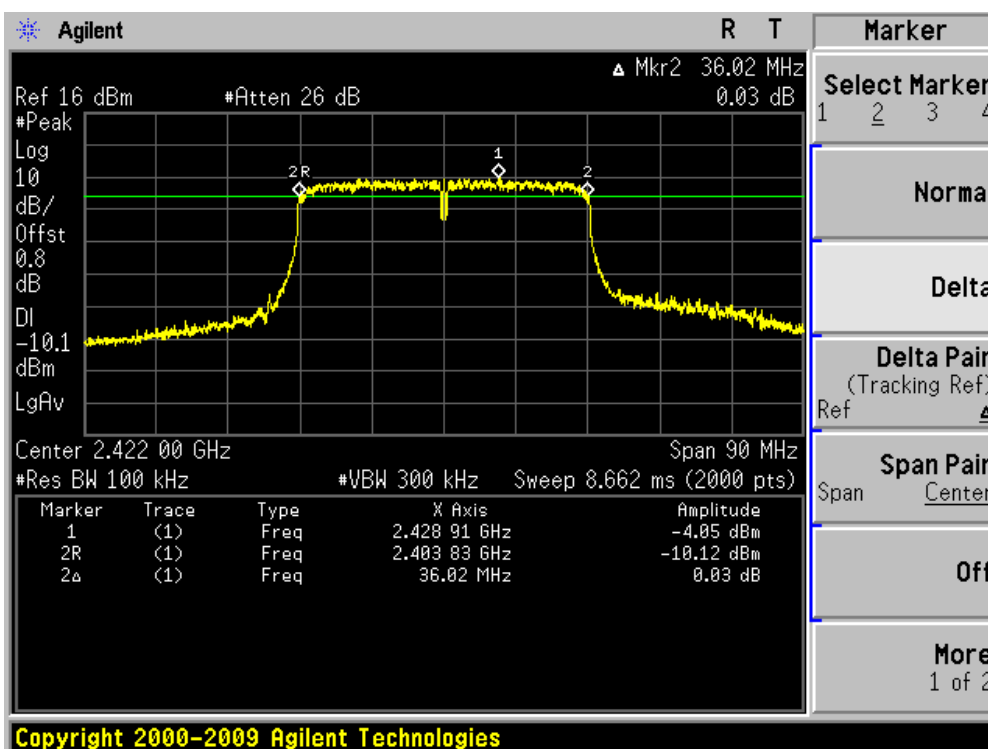
Channel 11 (2462MHz)



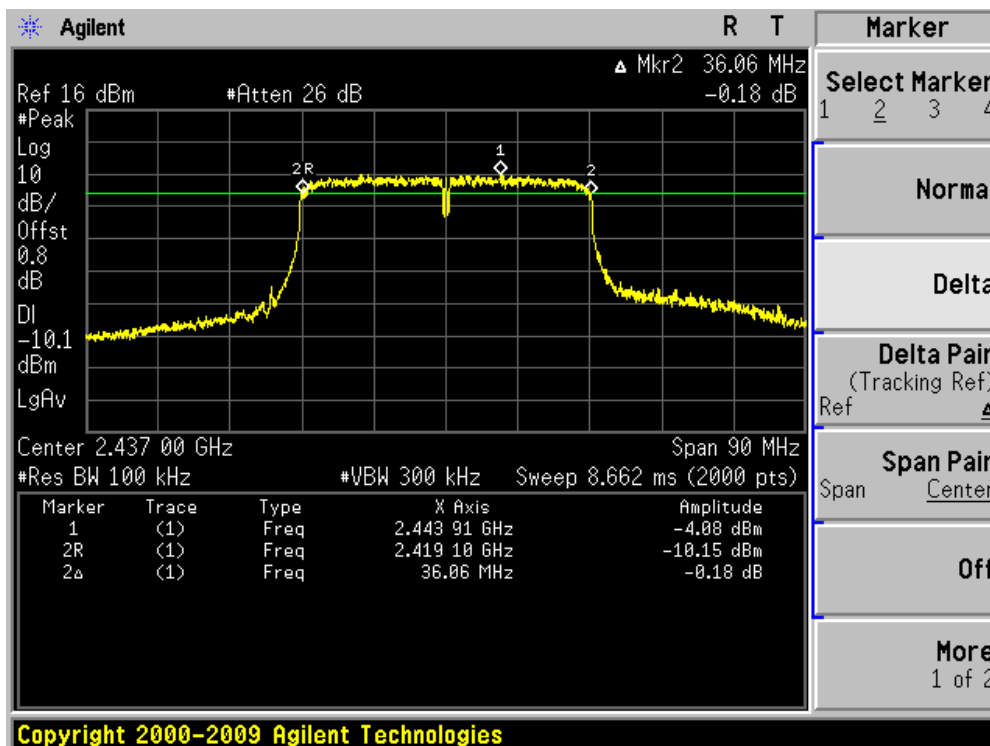
Product	: Wireless LAN Module
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 4: Transmit by 802.11n (40MHz) (Chain 0)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
03	2422	36020	500	Pass
06	2437	36060	500	Pass
09	2452	36060	500	Pass

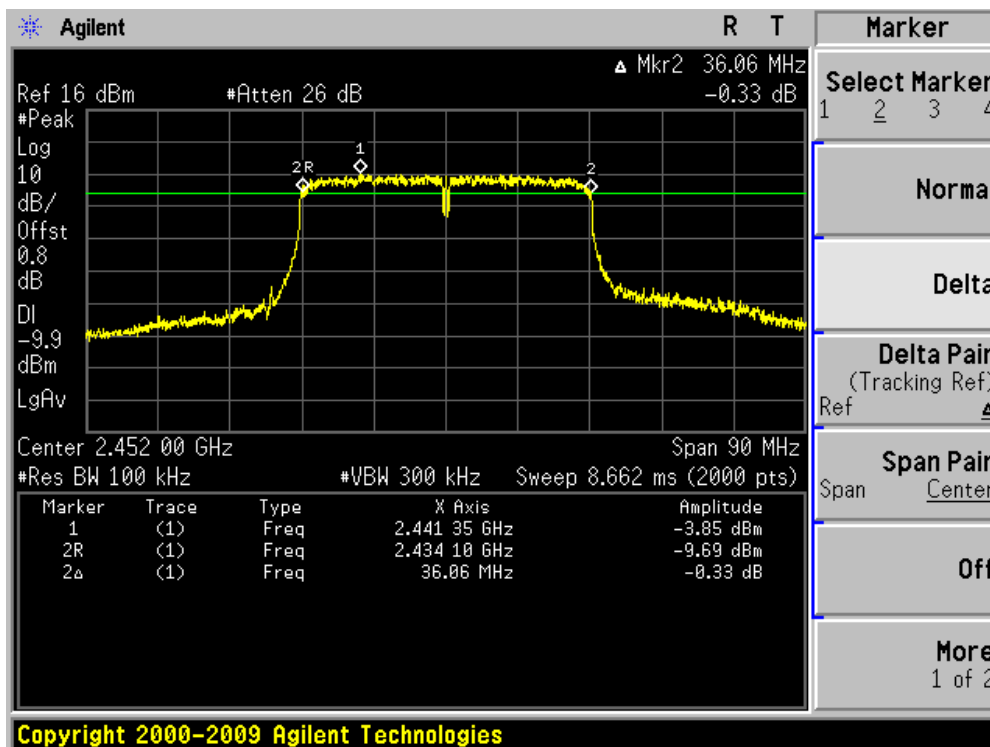
Channel 03 (2422MHz)



Channel 06 (2437MHz)



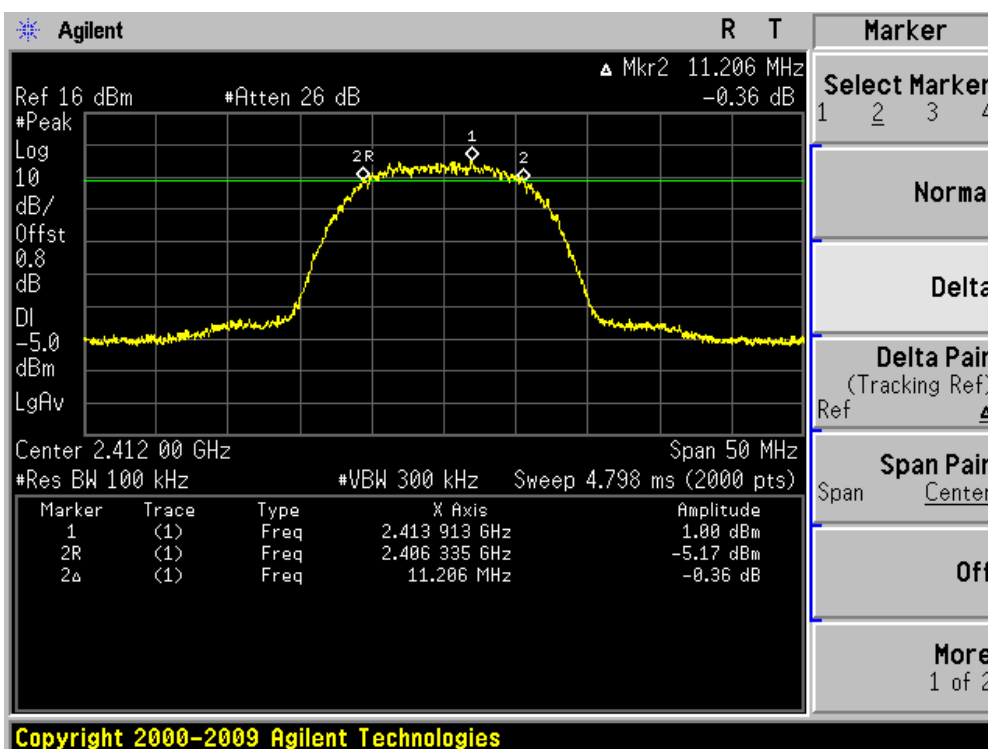
Channel 09 (2452MHz)



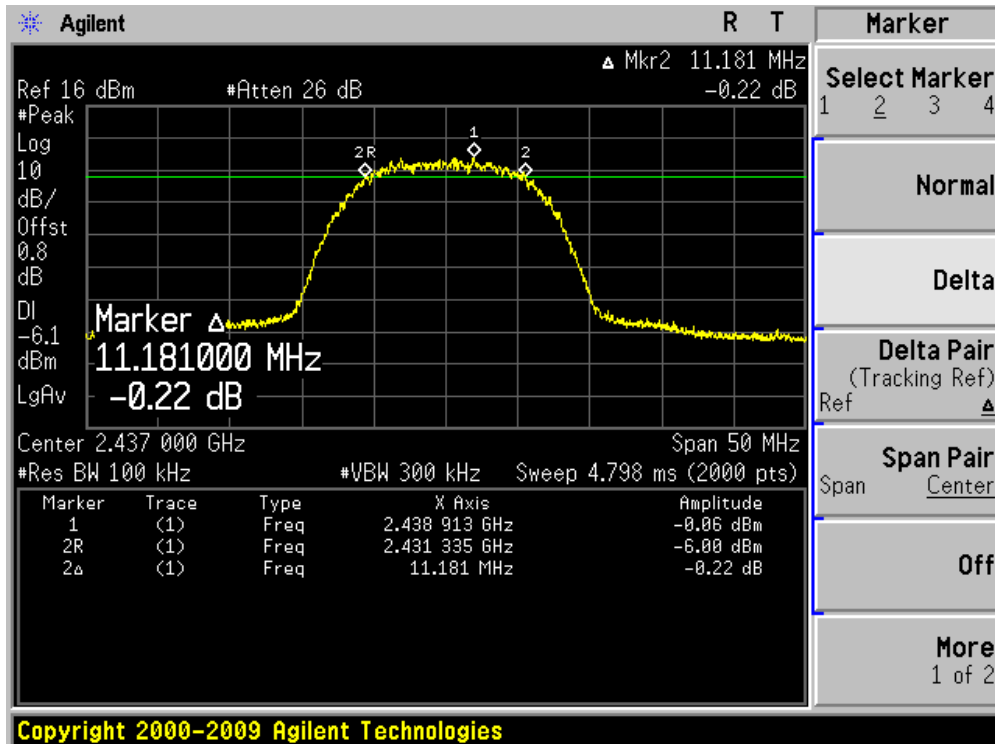
Product	: Wireless LAN Module
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 1: Transmit by 802.11b (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	11206	500	Pass
06	2437	11181	500	Pass
11	2462	11181	500	Pass

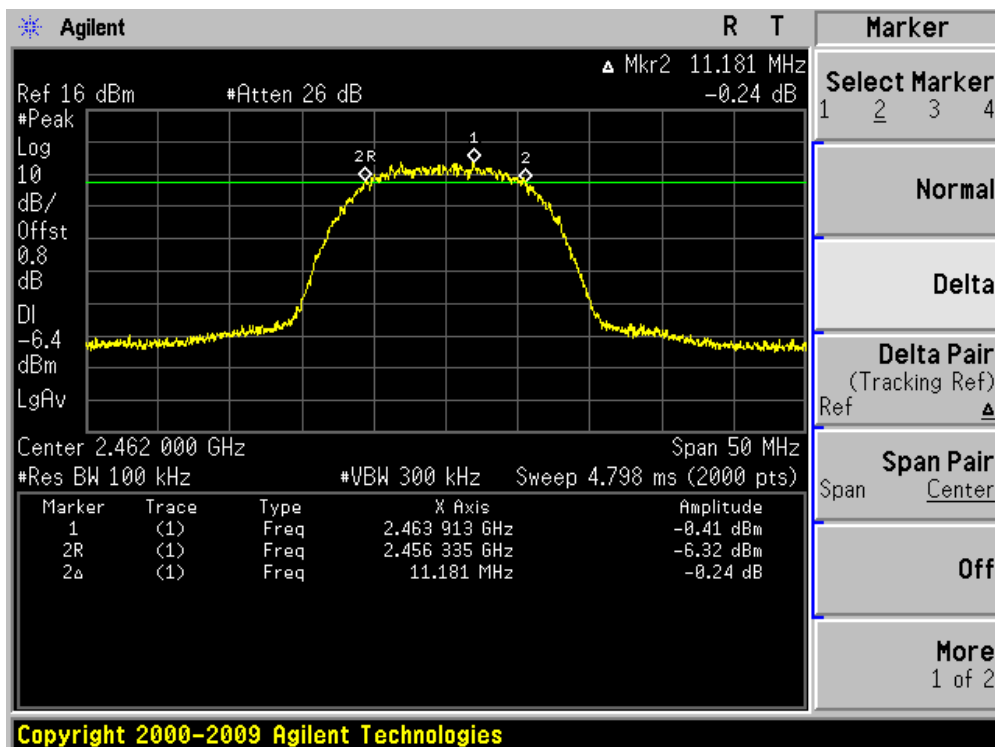
Channel 01 (2412MHz)



Channel 06 (2437MHz)



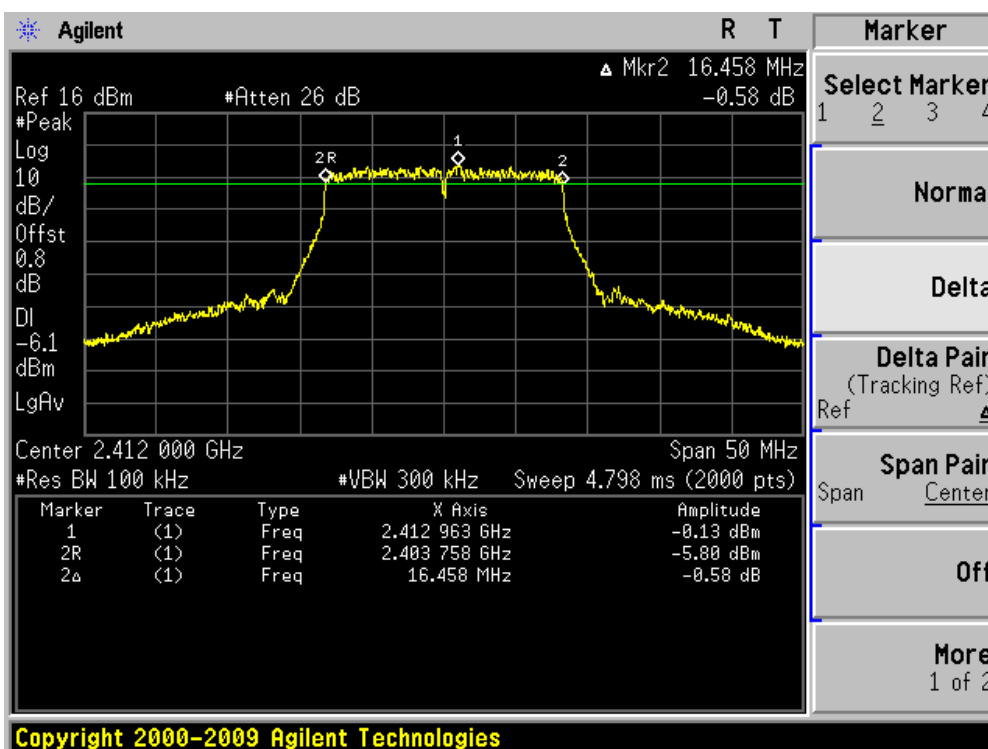
Channel 11 (2462MHz)



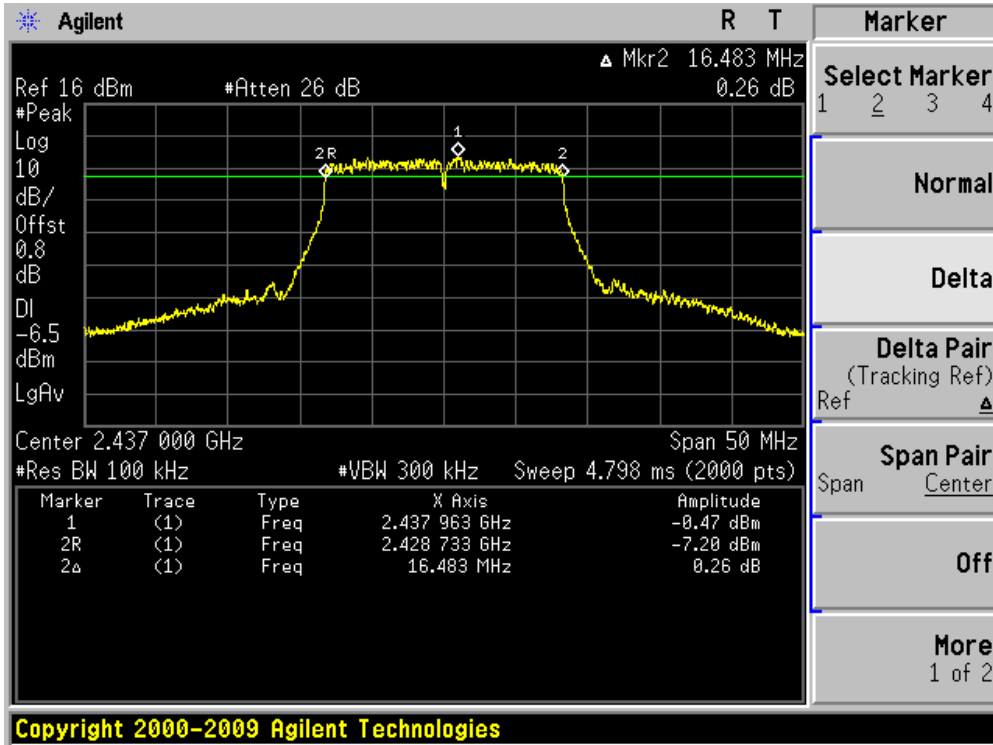
Product	: Wireless LAN Module
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 2: Transmit by 802.11g (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	16458	500	Pass
06	2437	16483	500	Pass
11	2462	16433	500	Pass

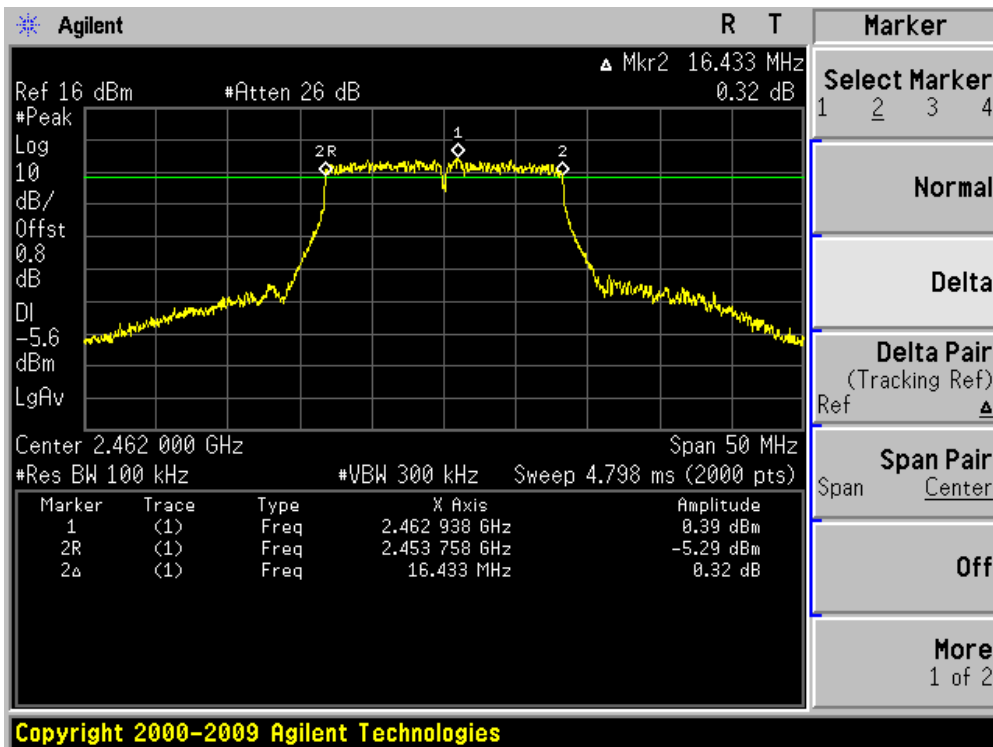
Channel 01 (2412MHz)



Channel 06 (2437MHz)



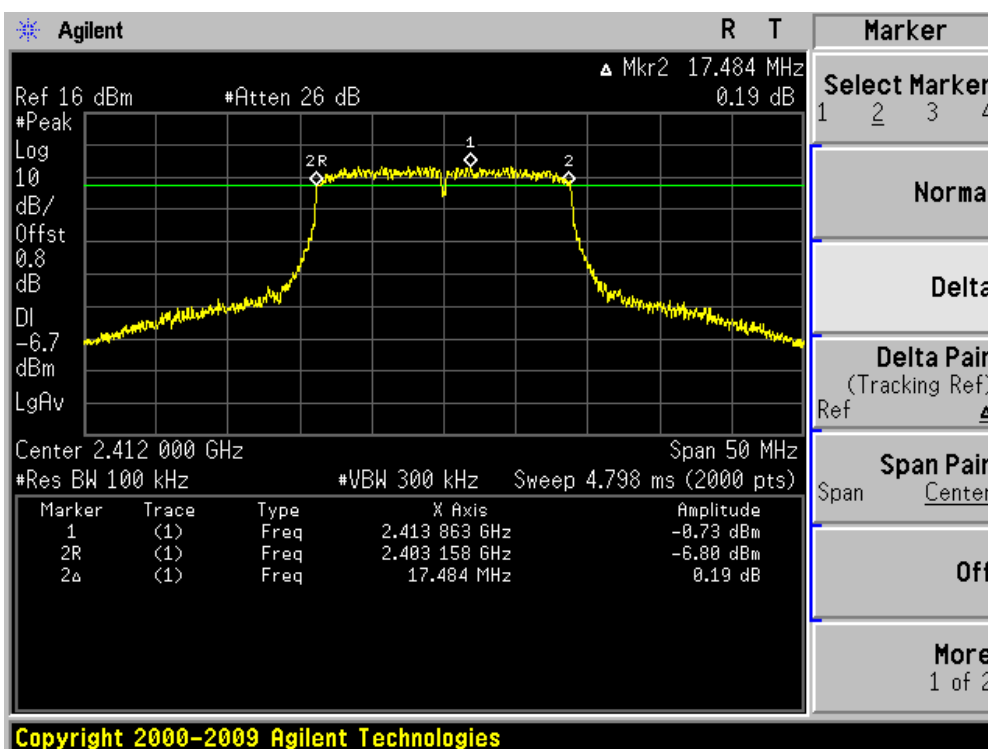
Channel 11 (2462MHz)



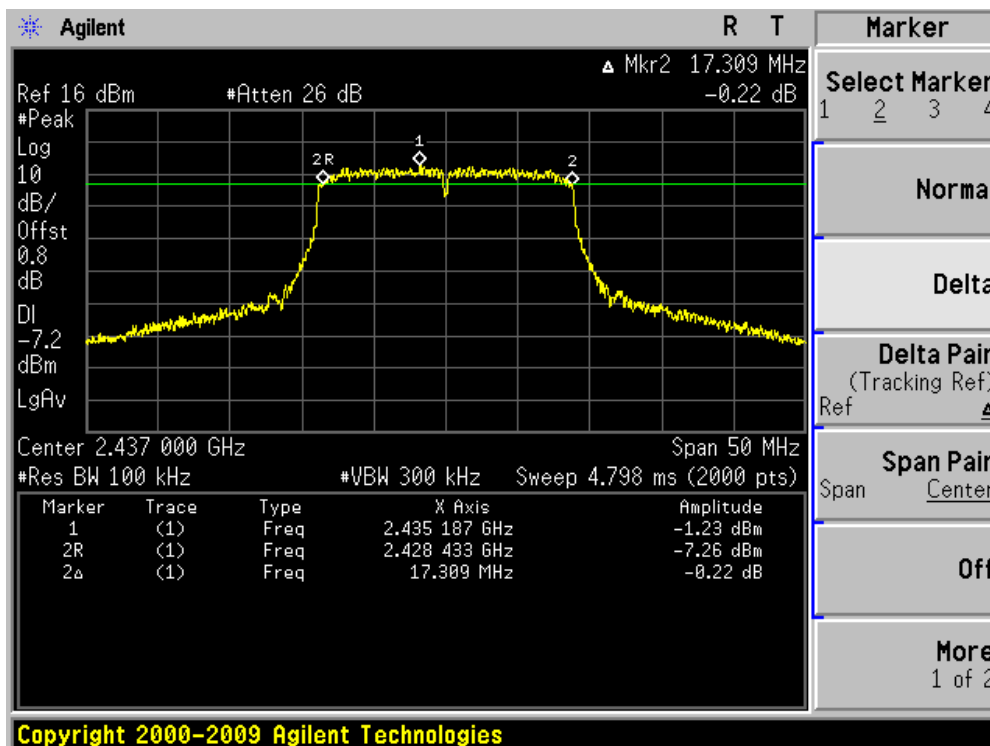
Product	: Wireless LAN Module
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 3: Transmit by 802.11n (20MHz) (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
01	2412	17484	500	Pass
06	2437	17309	500	Pass
11	2462	17409	500	Pass

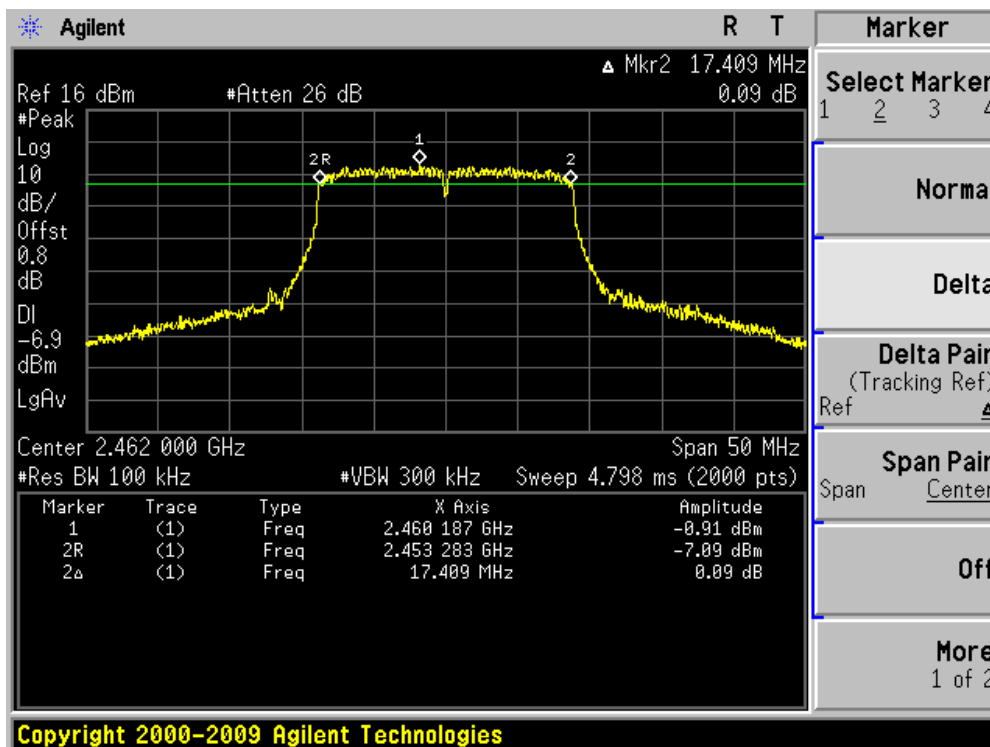
Channel 01 (2412MHz)



Channel 06 (2437MHz)



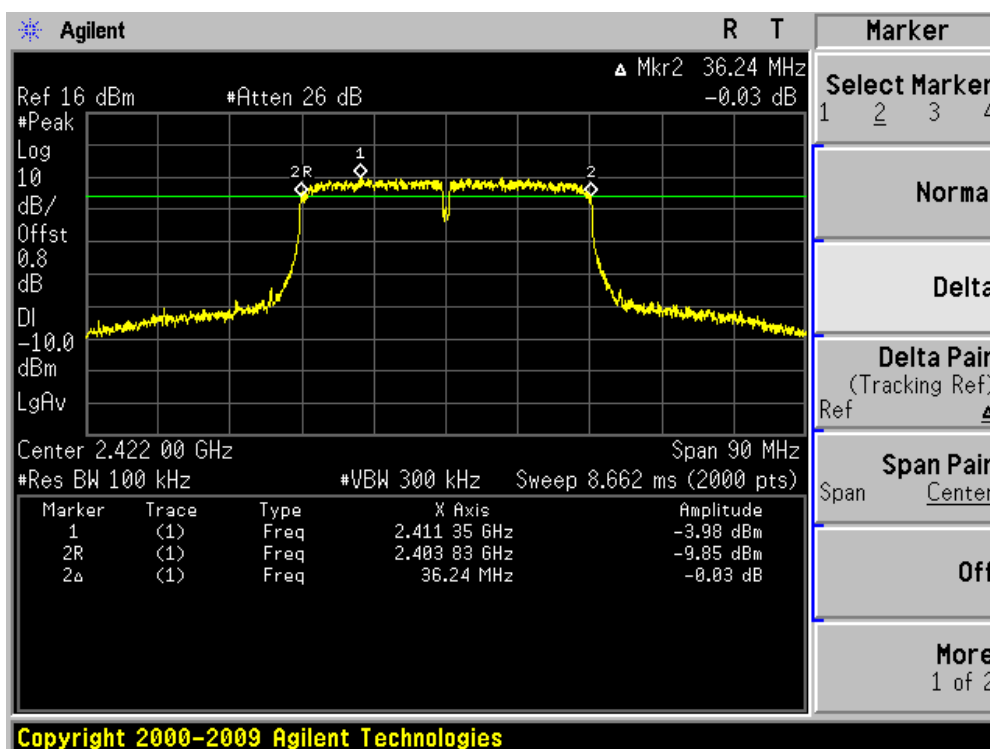
Channel 11 (2462MHz)



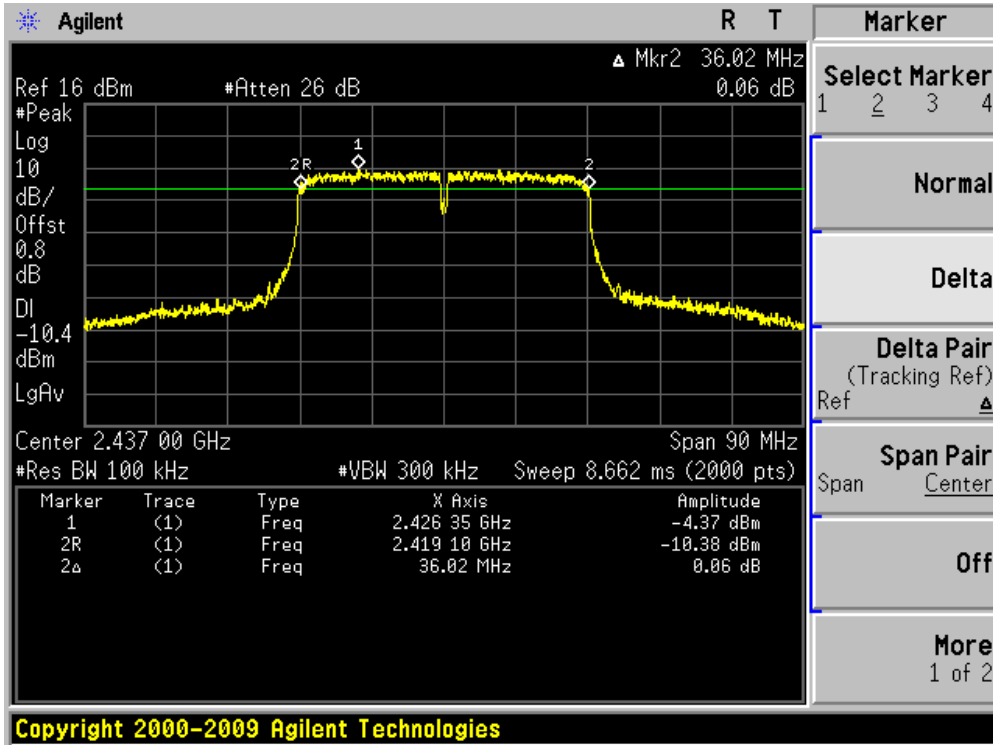
Product	: Wireless LAN Module
Test Item	: 6dB Occupied Bandwidth
Test Site	: TR-8
Test Mode	: Mode 4: Transmit by 802.11n (40MHz) (Chain 1)

Channel No.	Frequency (MHz)	Occupied Bandwidth (kHz)	Limit (kHz)	Result
03	2422	36240	500	Pass
06	2437	36020	500	Pass
09	2452	36020	500	Pass

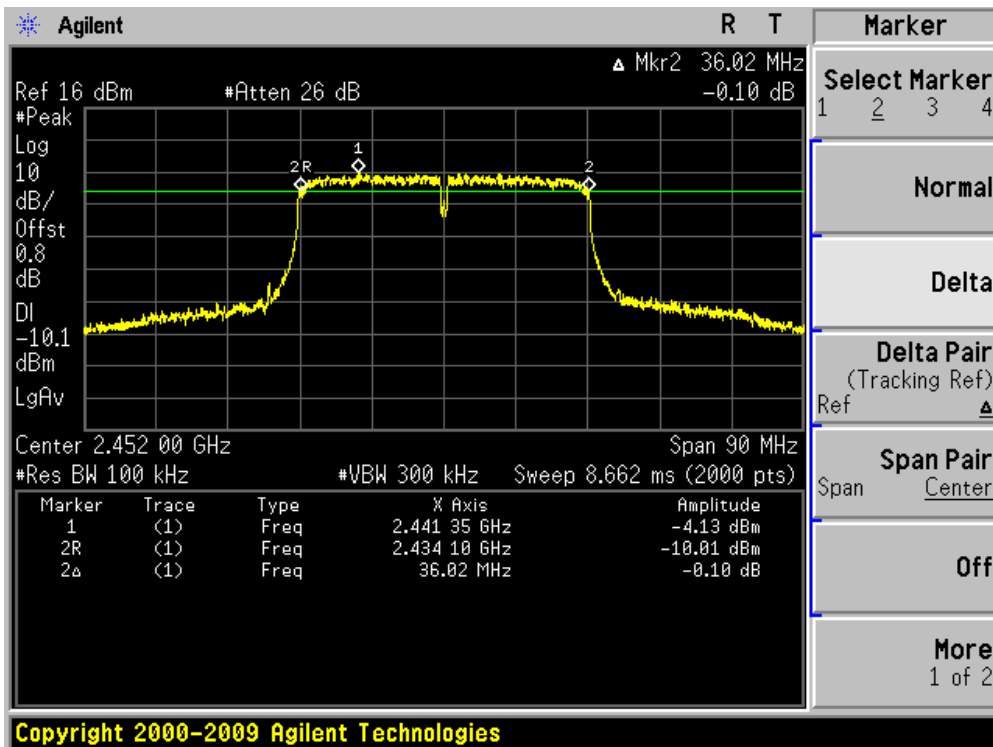
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



9. Power Output

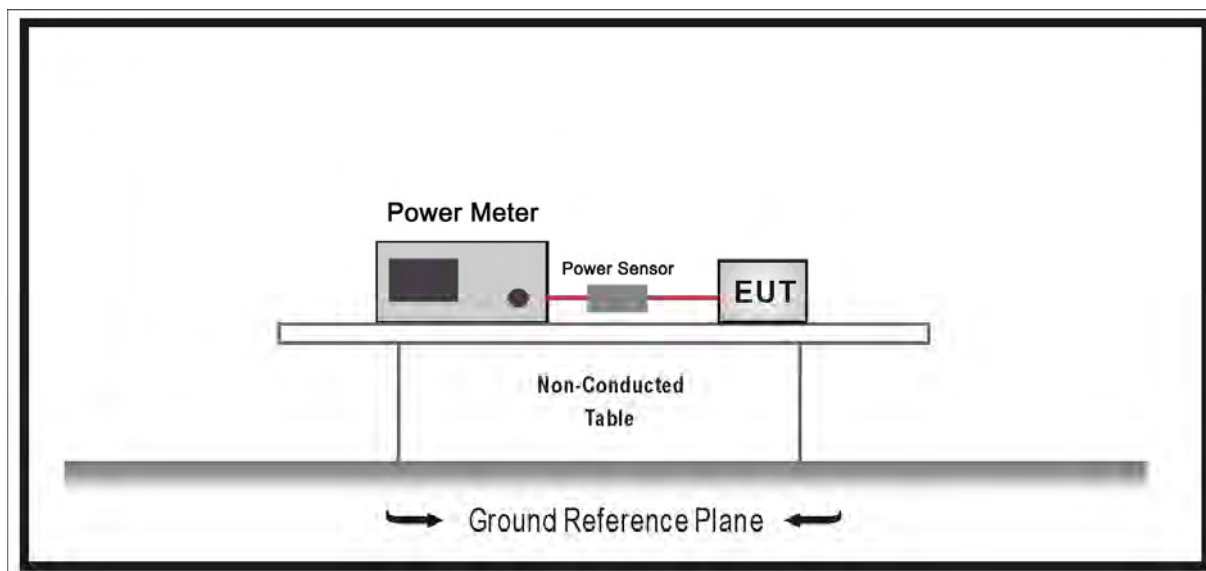
9.1. Test Equipment

Power Output / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Wideband Peak Power Meter	Anritsu	ML2495A	0905006	2012.01.12
Power Sensor	Anritsu	MA2411B	0846014	2012.01.12
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2012.05.04

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

9.2. Test Setup



9.3. Limit

The maximum peak power shall be less 1 Watt (30dBm).

Note: the conducted output power limit specified above is based on the use the antennas with directional gains that do not exceed 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values above, as appropriate, by the amount in dB that the directional gain of antenna exceeds 6 dBi.

9.4. Test Procedure

The EUT was tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements.

Use the wideband power meter to test peak power and record the result.

9.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

9.6. Test Result

Power output test was verified over all data rates of each mode shown as below, and then choose the maximum power output (blue marker) for final test of each channel.

MCS Index for 802.11n	Spatial Streams	Data Rate (Mbps)					
		802.11b	802.11g	20MHz Bandwidth		40MHz Bandwidth	
				800ns GI	400ns GI	800ns GI	400ns GI
0	1	1	6	6.5	7.2	13.5	15.0
1	1	2	9	13.0	14.4	27.0	30.0
0	1	5.5	12	19.5	21.7	40.5	45.0
1	1	11	18	26.0	28.9	54.0	60.0
4	1	---	24	39.0	43.3	81.0	90.0
5	1	---	36	52.0	57.8	108.0	120.0
6	1	---	48	58.5	65.0	121.5	135.0
7	1	---	54	65.0	72.2	135.0	150.0
8	2	---	---	13.0	14.4	27.0	30.0
9	2	---	---	26.0	28.9	54.0	60.0
10	2	---	---	39.0	43.3	81.0	90.0
11	2	---	---	52.0	57.8	108.0	120.0
12	2	---	---	78.0	86.7	162.0	180.0
13	2	---	---	104.0	115.6	216.0	240.0
14	2	---	---	117.0	130.0	243.0	270.0
15	2	---	---	130.0	144.0	270.0	300.0

Power output at various data rates:

Test Mode	Bandwidth	Frequency (MHz)	Channel	Data Rate	Peak Power (dBm)
802.11b(Chain 0)	20	2437	6	1	15.28
				5.5	16.40
				11	17.05
802.11g(Chain 0)	20	2437	6	6	18.45
				24	18.69
				54	18.83
802.11n(Chain 0)	20	2437	6	HT0	18.65
				HT4	18.75
				HT7	18.76
802.11n(Chain 0)	40	2437	6	HT0	18.42
				HT4	18.70
				HT7	18.75

Product	: Wireless LAN Module
Test Item	: Power Output
Test Site	: TR8
Test Mode	: Mode 1: Transmit by 802.11b (Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	15.20	N/A	15.20	30.00	Pass
6	2437	17.05	N/A	17.05	30.00	Pass
11	2462	16.59	N/A	16.59	30.00	Pass

Product	: Wireless LAN Module
Test Item	: Power Output
Test Site	: TR8
Test Mode	: Mode 1: Transmit by 802.11b (Chain 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	N/A	15.33	15.33	30.00	Pass
6	2437	N/A	14.60	14.60	30.00	Pass
11	2462	N/A	14.47	14.47	30.00	Pass

Product	: Wireless LAN Module
Test Item	: Power Output
Test Site	: TR8
Test Mode	: Mode 2: Transmit by 802.11g (Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	18.80	N/A	18.80	30.00	Pass
6	2437	18.83	N/A	18.83	30.00	Pass
11	2462	17.65	N/A	17.65	30.00	Pass

Product	: Wireless LAN Module
Test Item	: Power Output
Test Site	: TR8
Test Mode	: Mode 2: Transmit by 802.11g (Chain 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	N/A	18.16	18.16	30.00	Pass
6	2437	N/A	17.68	17.68	30.00	Pass
11	2462	N/A	18.22	18.22	30.00	Pass

Product	: Wireless LAN Module
Test Item	: Power Output
Test Site	: TR8
Test Mode	: Mode 3: Transmit by 802.11n(20MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	17.42	N/A	17.42	30.00	Pass
6	2437	18.76	N/A	18.76	30.00	Pass
11	2462	17.58	N/A	17.58	30.00	Pass

Product	: Wireless LAN Module
Test Item	: Power Output
Test Site	: TR8
Test Mode	: Mode 3: Transmit by 802.11n(20MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	N/A	18.42	18.42	30.00	Pass
6	2437	N/A	17.44	17.44	30.00	Pass
11	2462	N/A	17.17	17.17	30.00	Pass

Product	:	Wireless LAN Module
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 3: Transmit by 802.11n(20MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
1	2412	17.22	17.90	20.58	30.00	Pass
6	2437	17.96	17.35	20.68	30.00	Pass
11	2462	17.12	18.02	20.60	30.00	Pass

Product	:	Wireless LAN Module
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(40MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
3	2422	18.03	N/A	18.03	30.00	Pass
6	2437	18.75	N/A	18.75	30.00	Pass
9	2452	18.25	N/A	18.25	30.00	Pass

Product	:	Wireless LAN Module
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(40MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
3	2422	N/A	17.73	17.73	30.00	Pass
6	2437	N/A	17.57	17.57	30.00	Pass
9	2452	N/A	17.75	17.75	30.00	Pass

Product	:	Wireless LAN Module
Test Item	:	Power Output
Test Site	:	TR8
Test Mode	:	Mode 4: Transmit by 802.11n(40MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
3	2422	17.44	17.62	20.54	30.00	Pass
6	2437	17.85	17.12	20.51	30.00	Pass
9	2452	17.86	17.40	20.65	30.00	Pass

10. Power Spectral Density

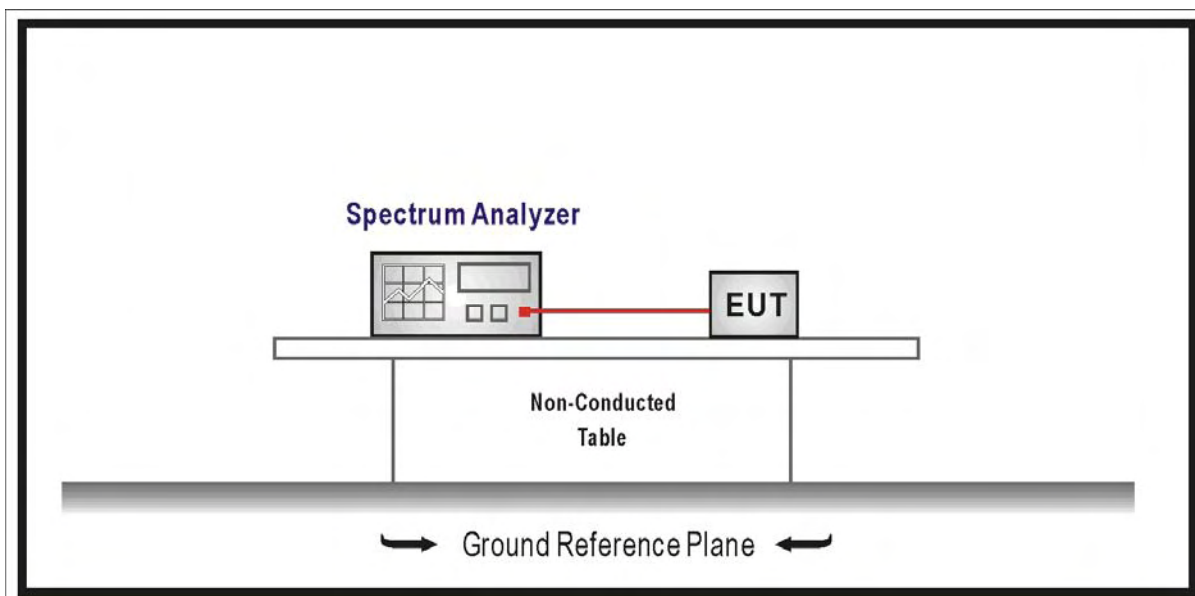
10.1. Test Equipment

Power Spectral Density / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2012.04.30
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2012.05.04

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

10.2. Test Setup



10.3. Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiated to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

10.4. Test Procedure

The EUT was tested according to ANSI C63.10: 2009 for compliance to FCC 47CFR 15.247 requirements.

Set RBW= 3 kHz, Set VBW \cong 10 kHz, Sweep time=100s, Set detector=Peak detector.

10.5. Uncertainty

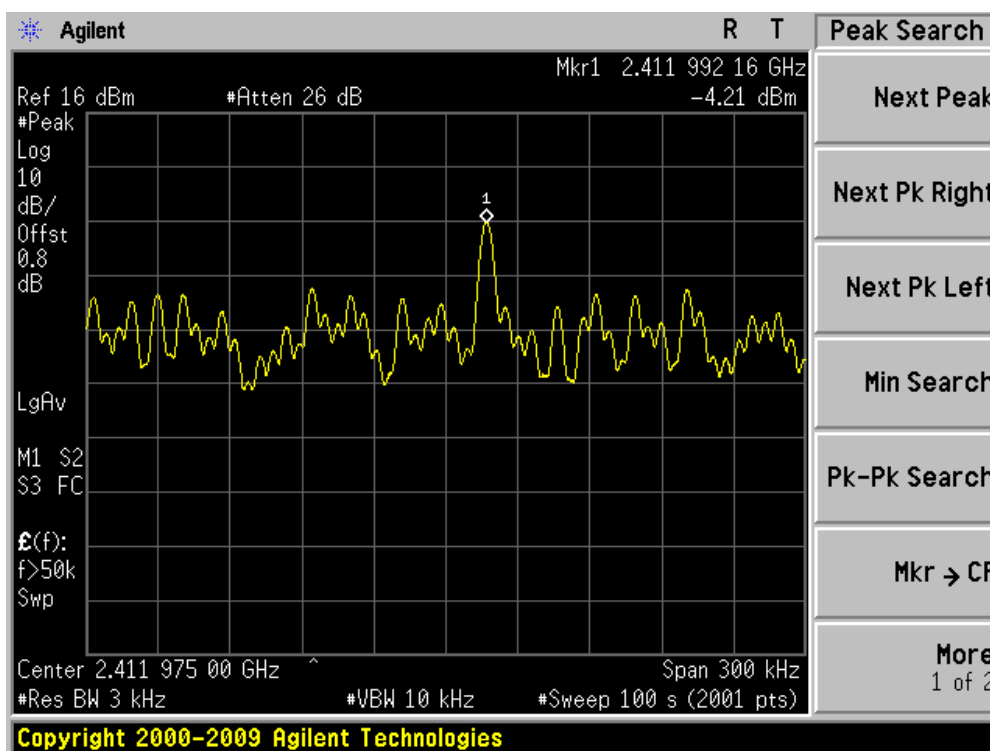
The measurement uncertainty is defined as ± 1.27 dB

10.6. Test Result

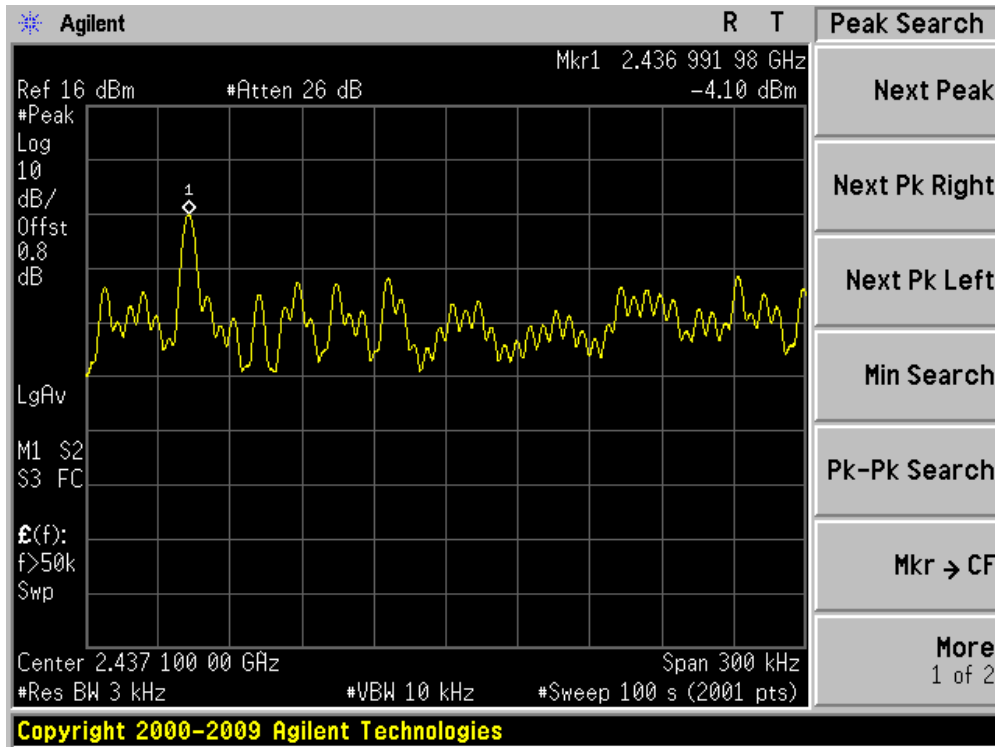
Product	:	Wireless LAN Module
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	-4.21	N/A	-4.21	8	Pass
06	2437	-4.10	N/A	-4.10	8	Pass
11	2462	-4.81	N/A	-4.81	8	Pass

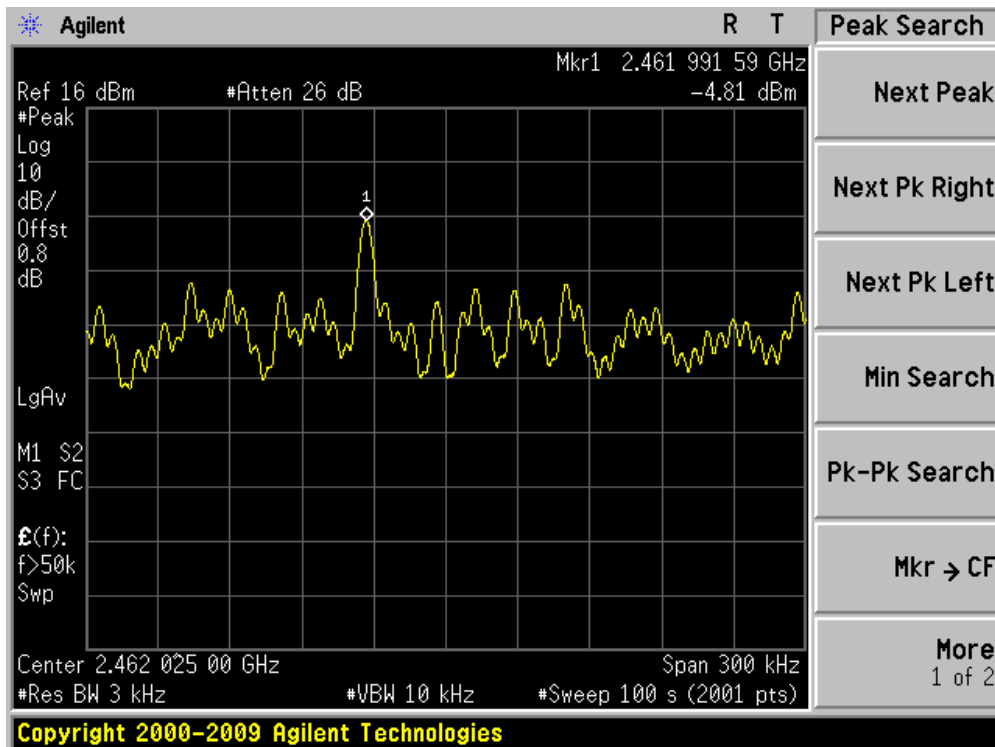
Channel 01 (2412MHz)



Channel 06 (2437MHz)



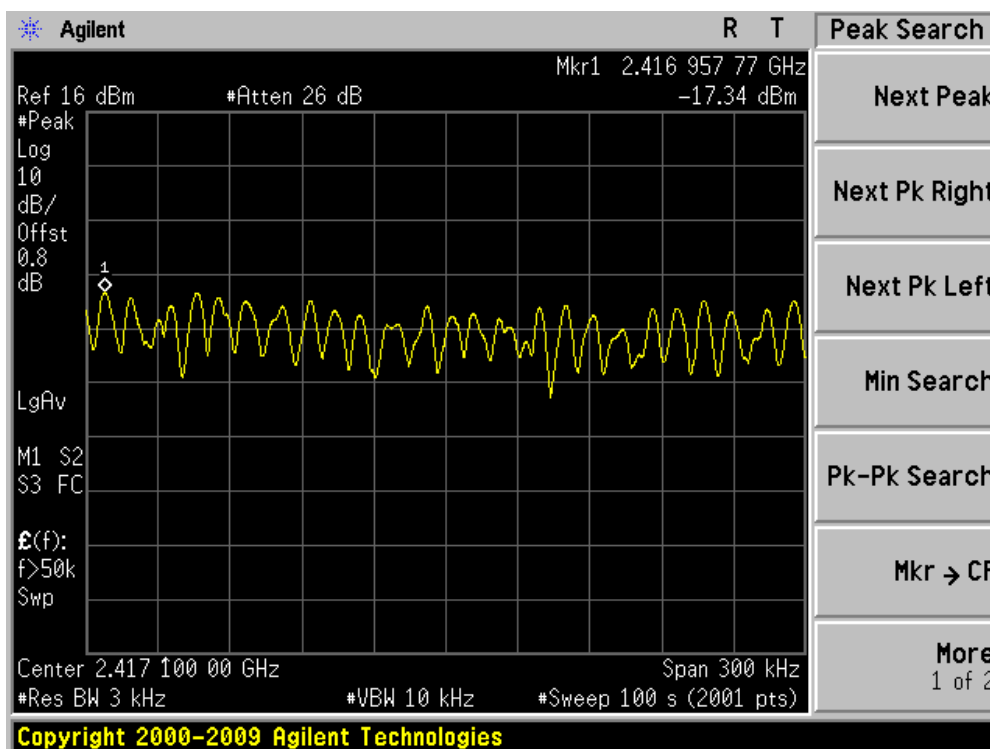
Channel 11 (2462MHz)



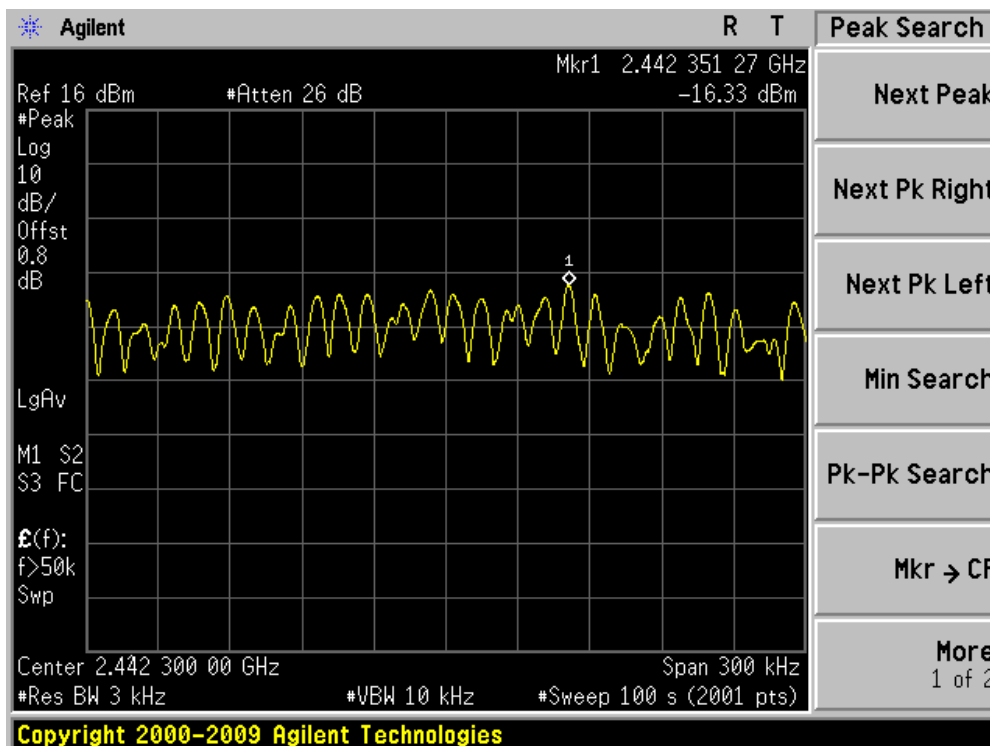
Product	:	Wireless LAN Module
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	-17.34	N/A	-17.34	8	Pass
06	2437	-16.33	N/A	-16.33	8	Pass
11	2462	-17.45	N/A	-17.45	8	Pass

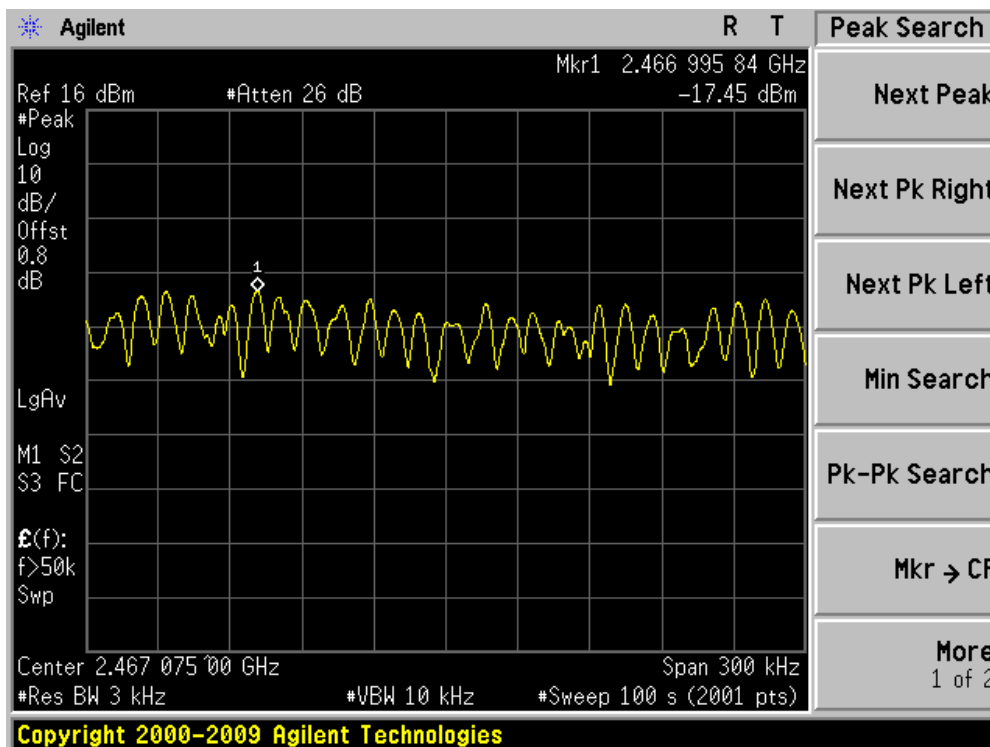
Channel 01 (2412MHz)



Channel 06 (2437MHz)



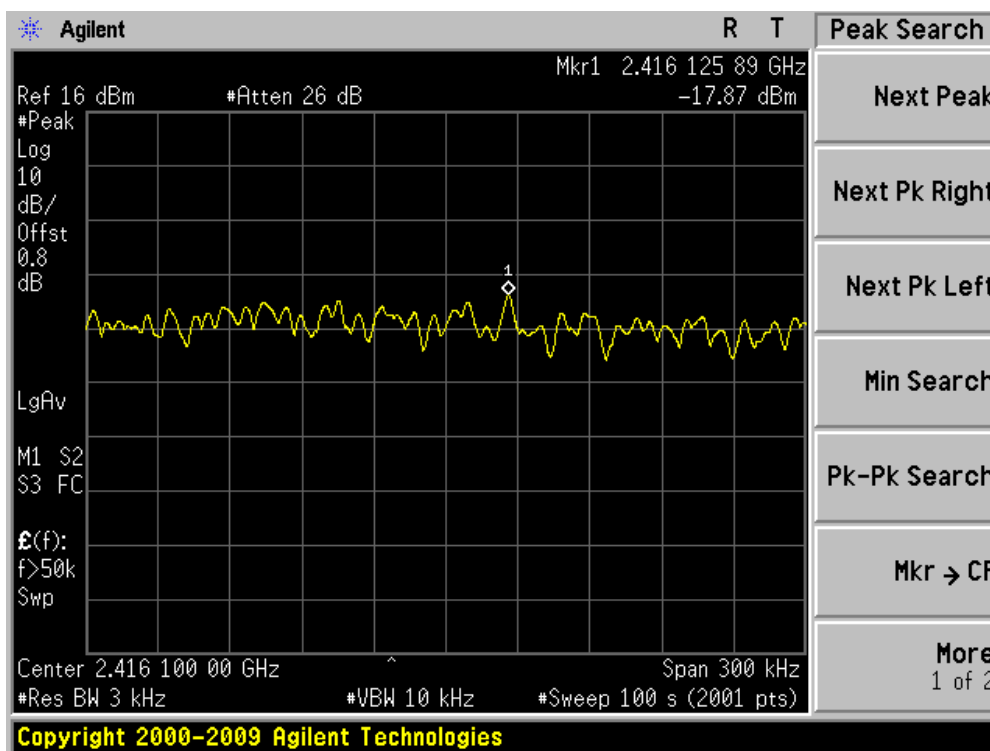
Channel 11 (2462MHz)



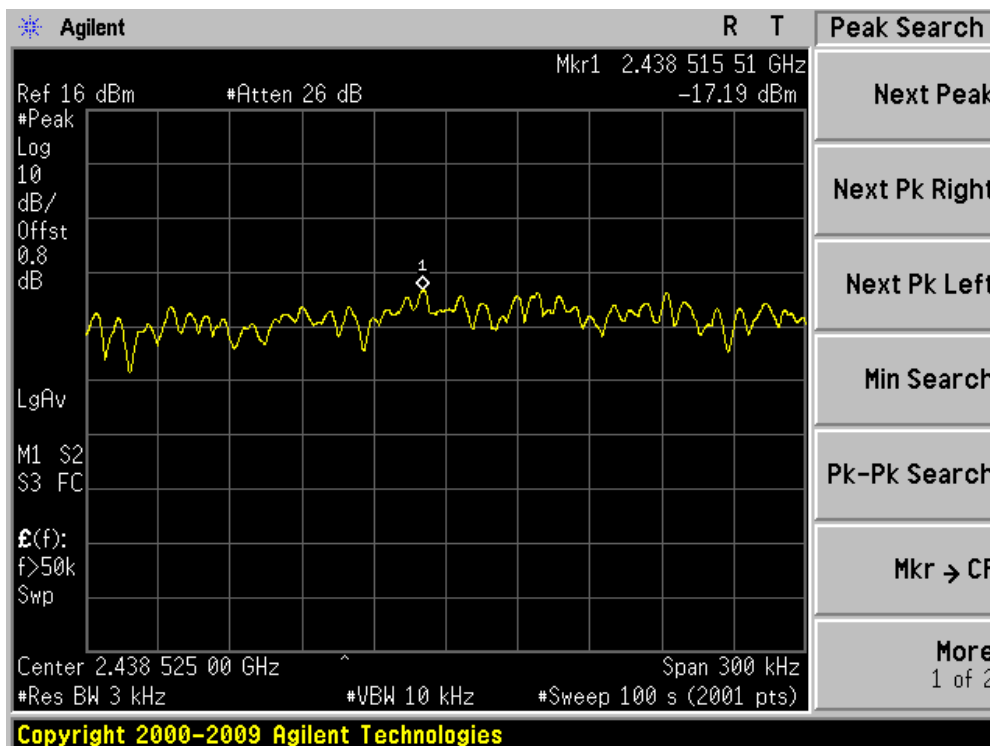
Product	:	Wireless LAN Module
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11n (20MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	-17.87	N/A	-17.87	8	Pass
06	2437	-17.19	N/A	-17.19	8	Pass
11	2462	-18.01	N/A	-18.01	8	Pass

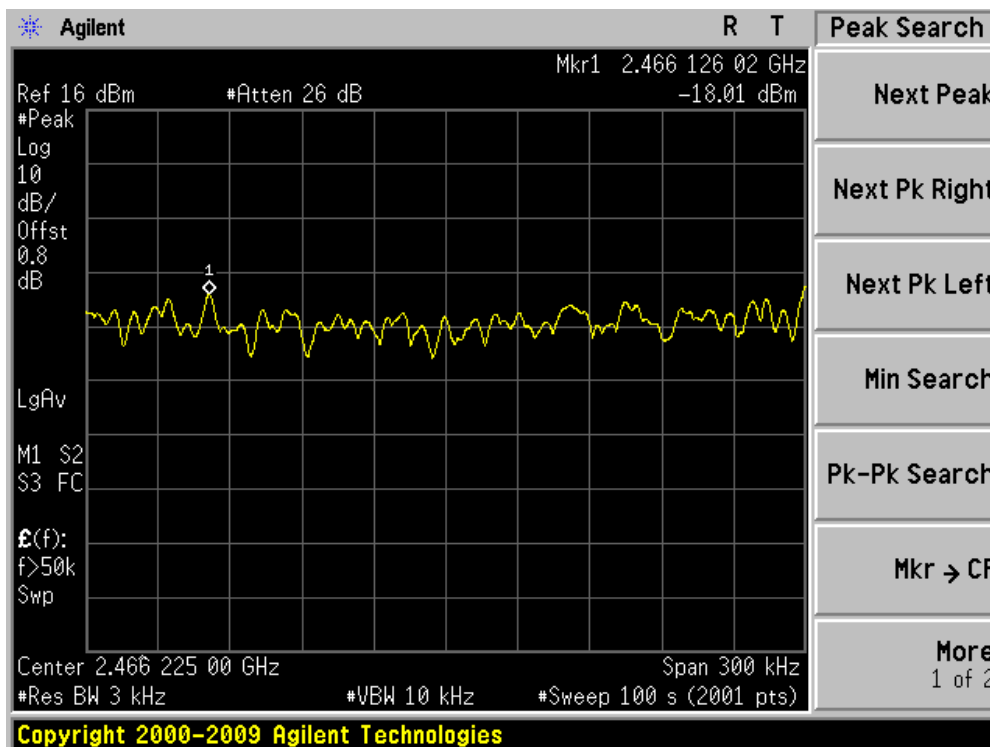
Channel 01 (2412MHz)



Channel 06 (2437MHz)



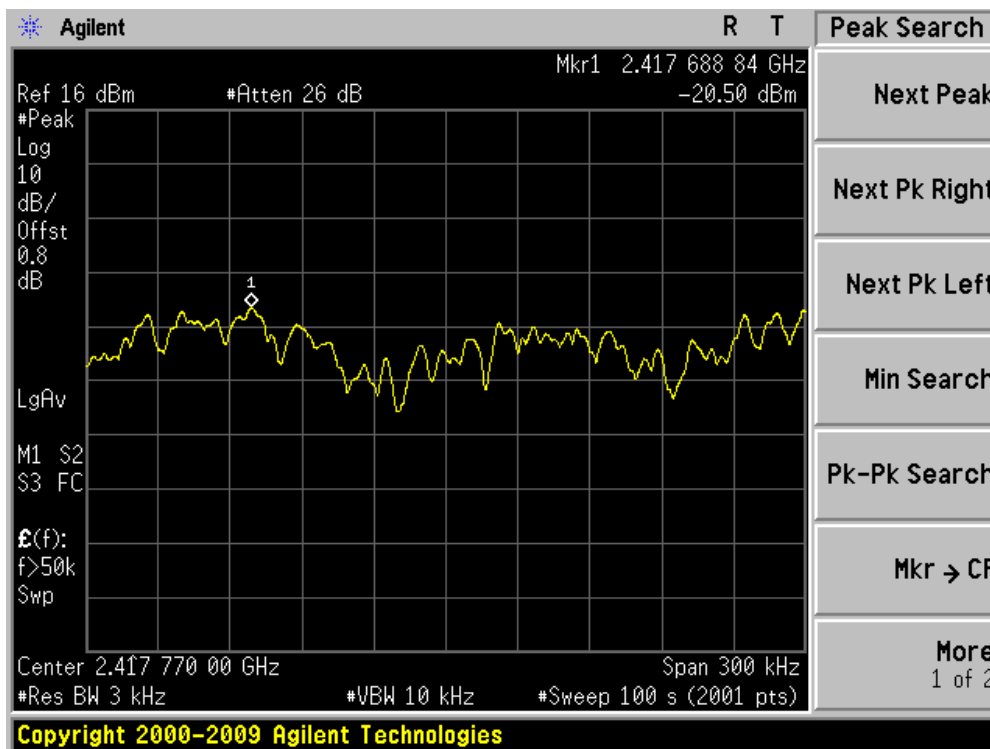
Channel 11 (2462MHz)



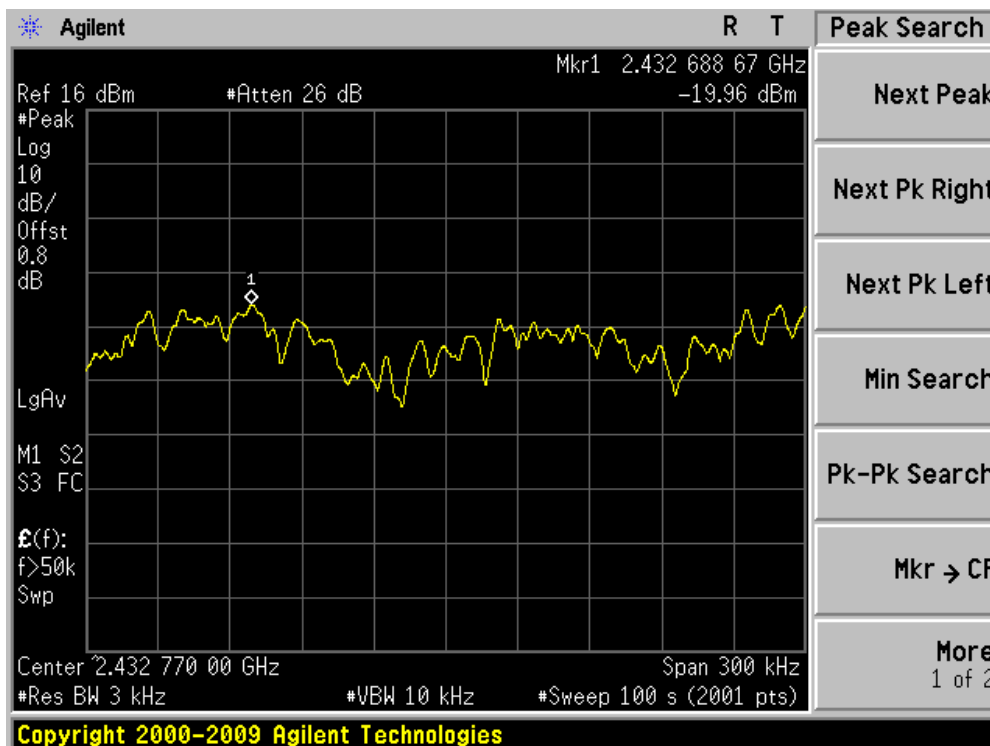
Product	:	Wireless LAN Module
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (40MHz) (Chain 0)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
03	2422	-20.50	N/A	-20.50	8	Pass
06	2437	-19.96	N/A	-19.96	8	Pass
09	2452	-18.70	N/A	-18.70	8	Pass

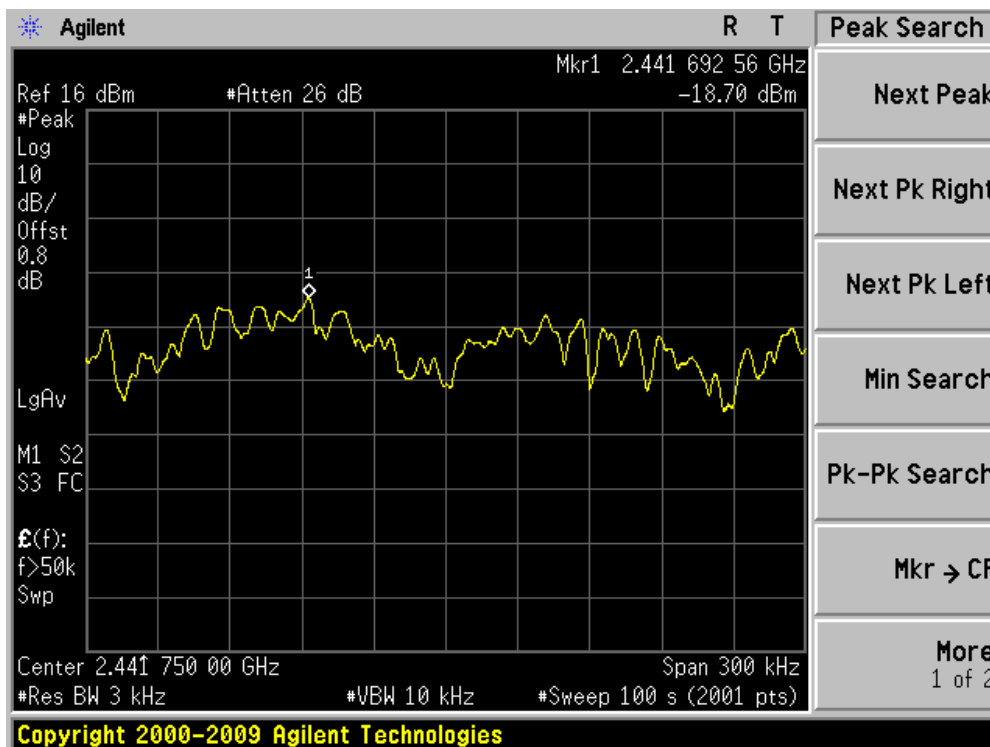
Channel 03 (2422MHz)



Channel 06 (2437MHz)



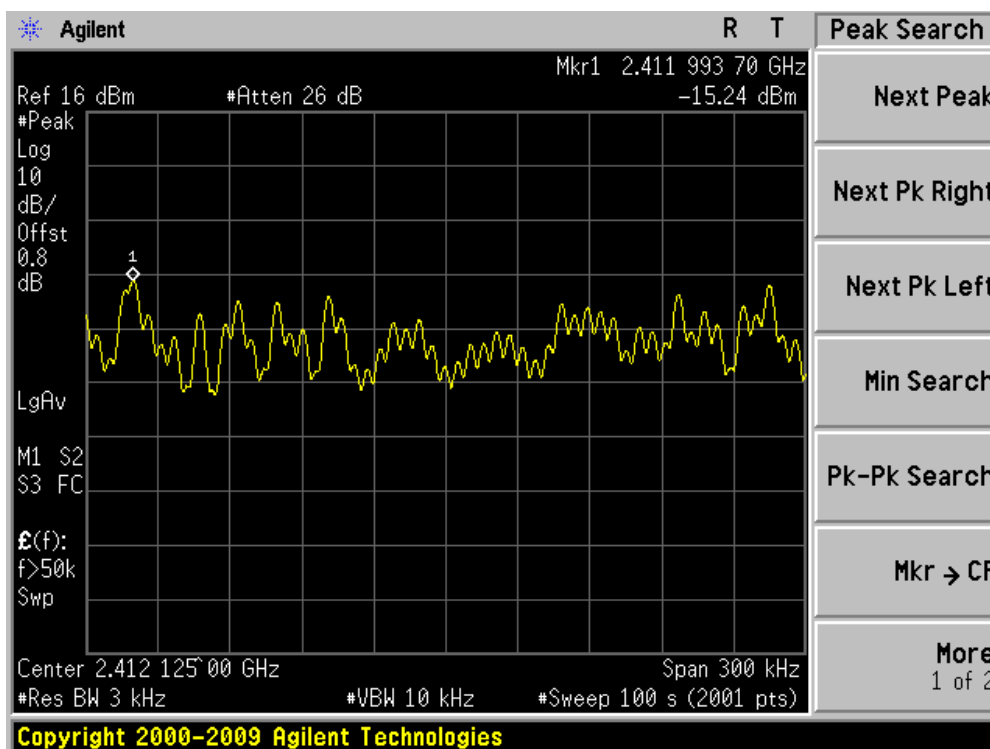
Channel 09 (2452MHz)



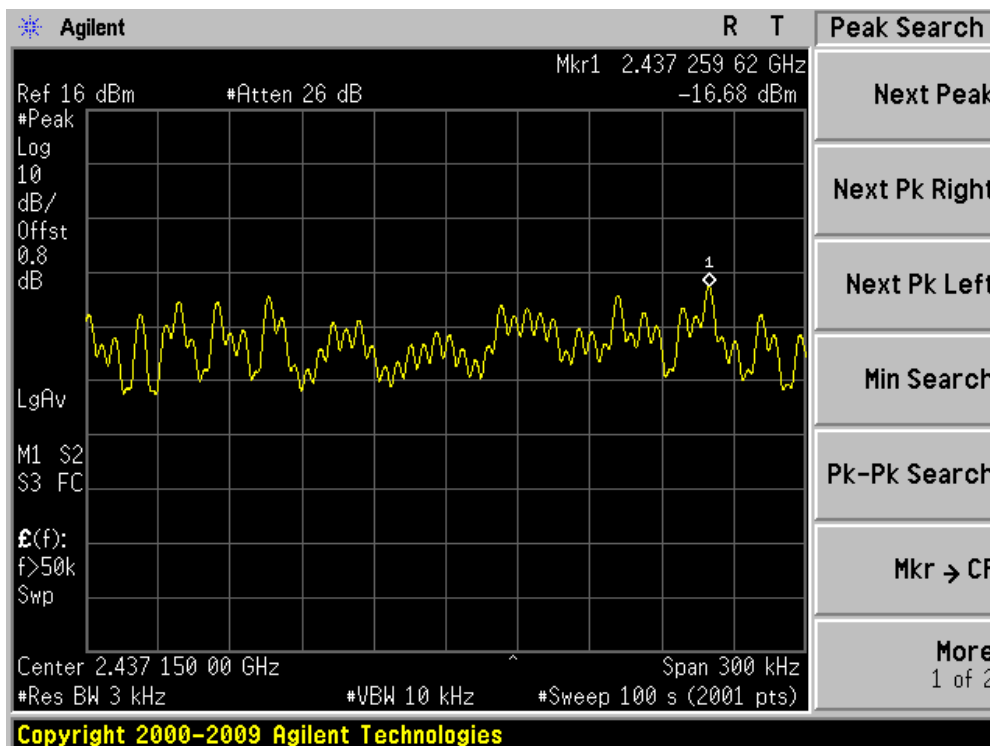
Product	:	Wireless LAN Module
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 1: Transmit by 802.11b (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	N/A	-15.24	-15.24	8	Pass
06	2437	N/A	-16.68	-16.68	8	Pass
11	2462	N/A	-15.68	-15.68	8	Pass

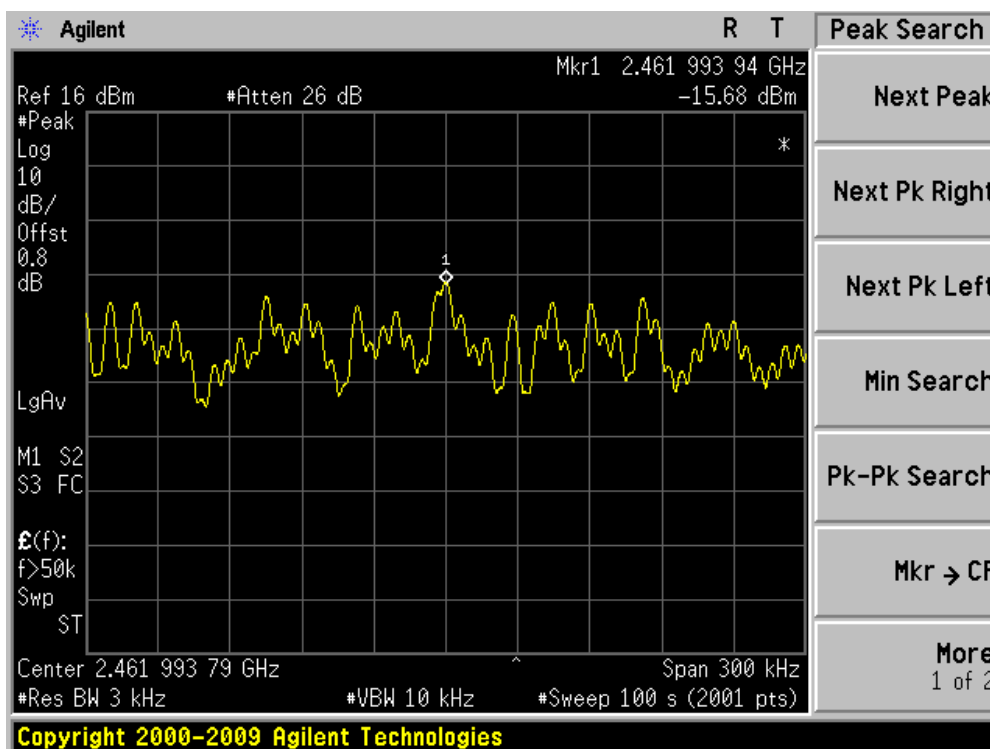
Channel 01 (2412MHz)



Channel 06 (2437MHz)



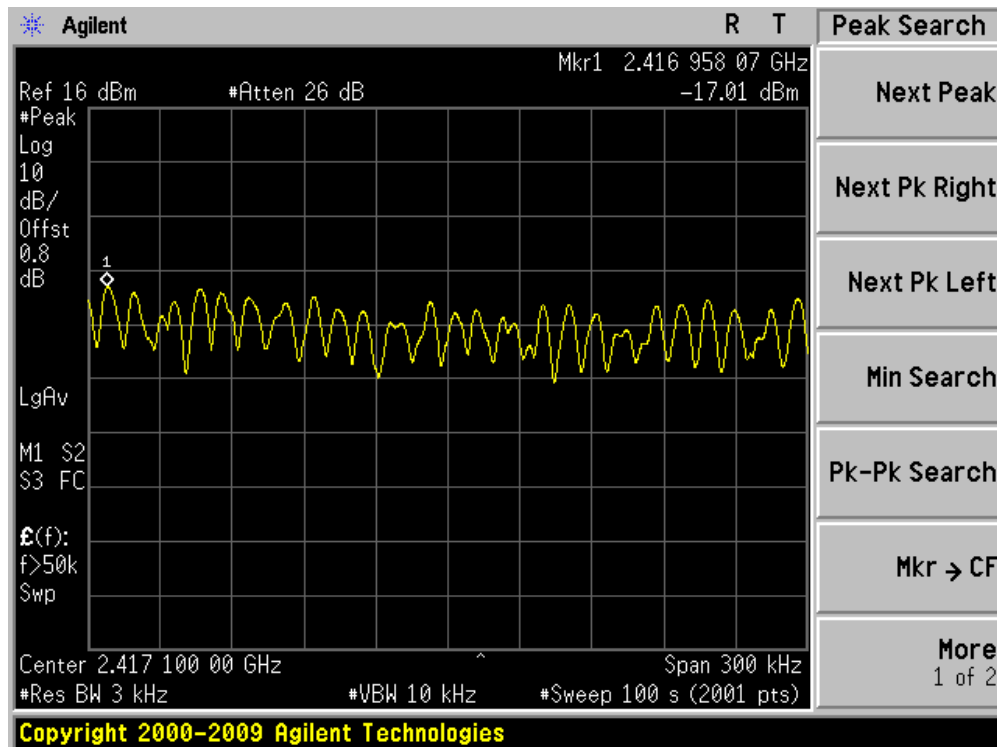
Channel 11 (2462MHz)



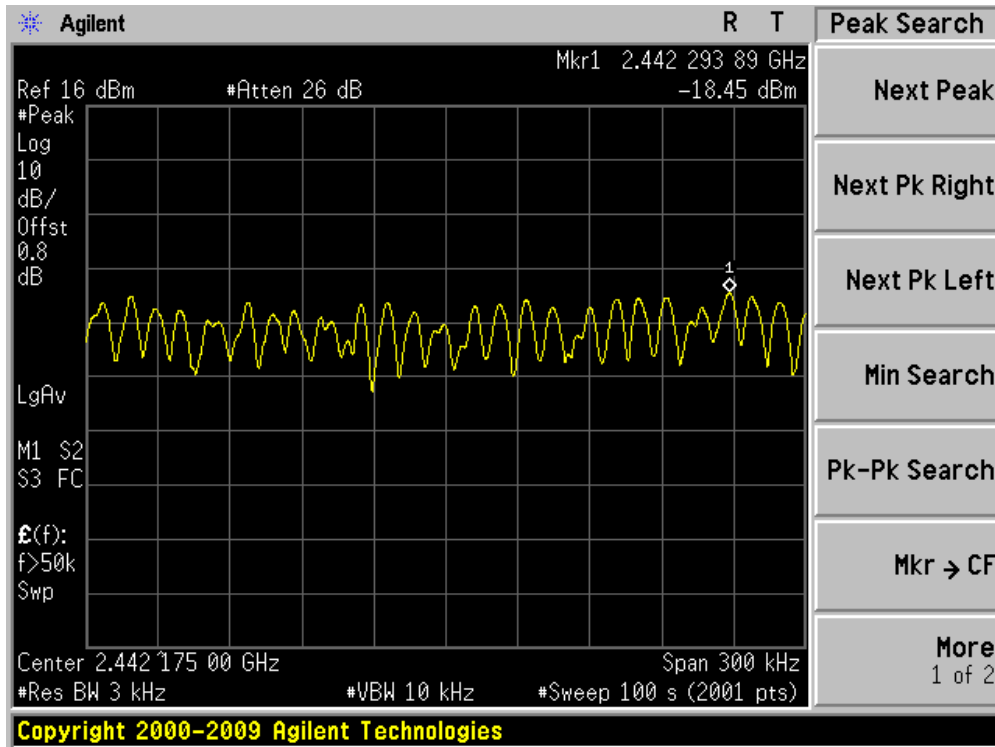
Product	:	Wireless LAN Module
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 2: Transmit by 802.11g (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	N/A	-17.01	-17.01	8	Pass
06	2437	N/A	-18.45	-18.45	8	Pass
11	2462	N/A	-18.11	-18.11	8	Pass

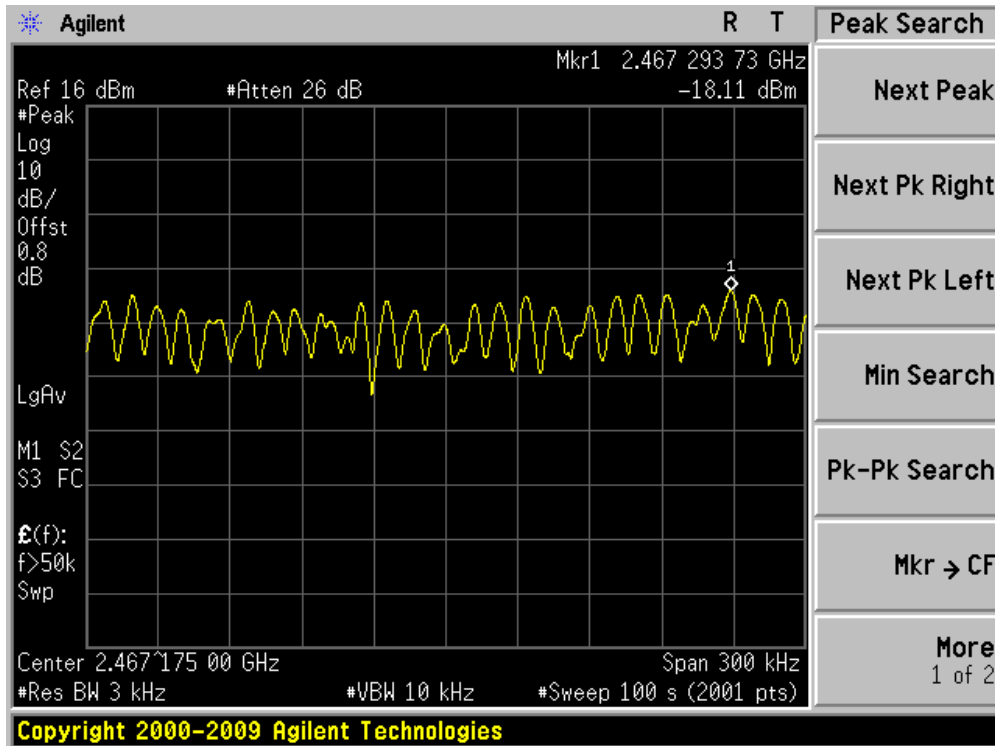
Channel 01 (2412MHz)



Channel 06 (2437MHz)



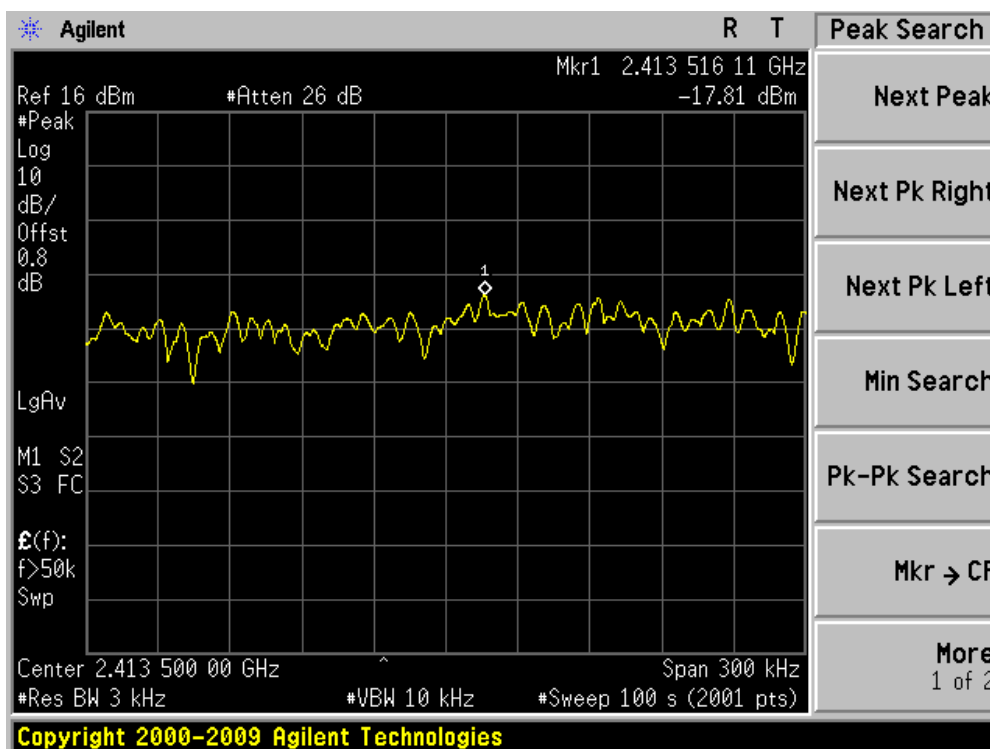
Channel 11 (2462MHz)



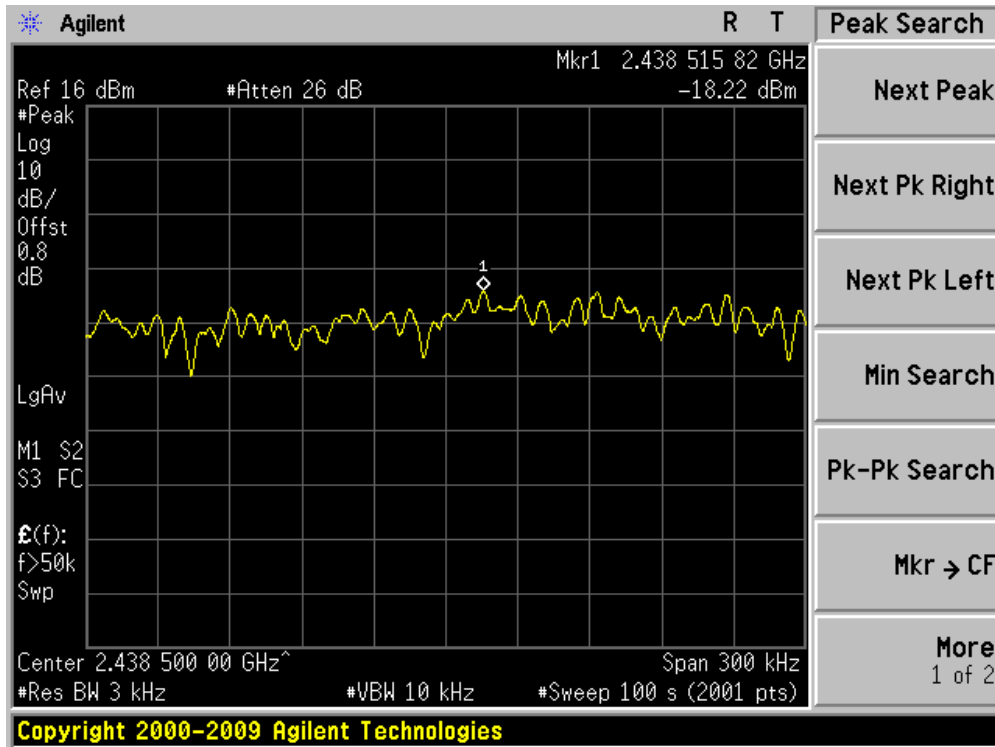
Product	:	Wireless LAN Module
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11n (20MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	N/A	-17.81	-17.81	8	Pass
06	2437	N/A	-18.22	-18.22	8	Pass
11	2462	N/A	-18.55	-18.55	8	Pass

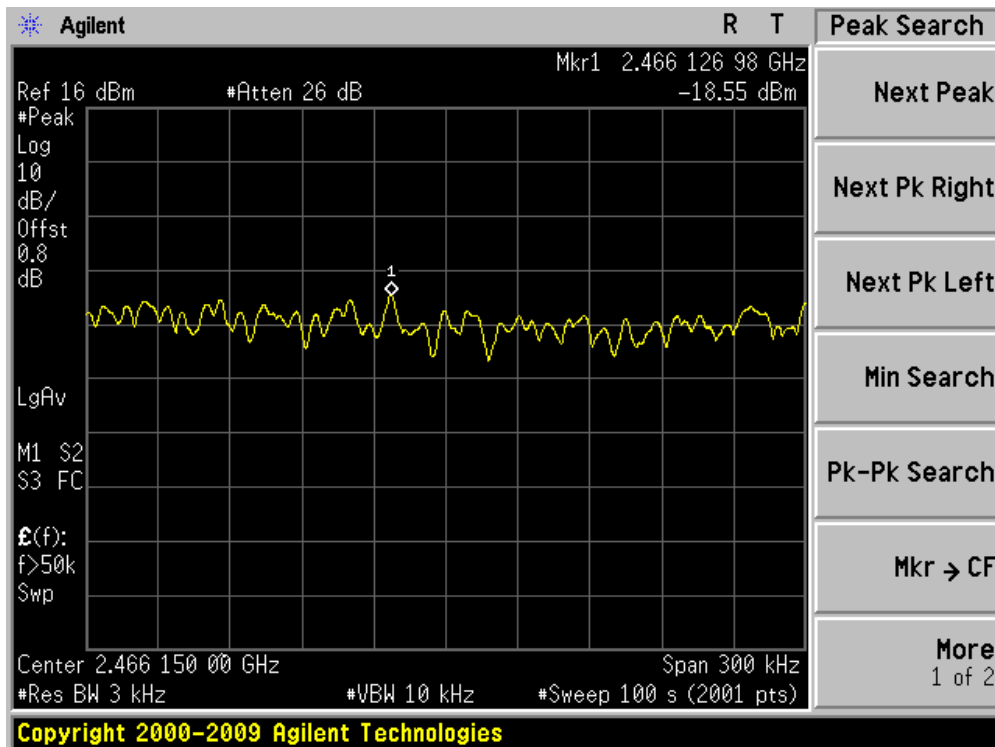
Channel 01 (2412MHz)



Channel 06 (2437MHz)



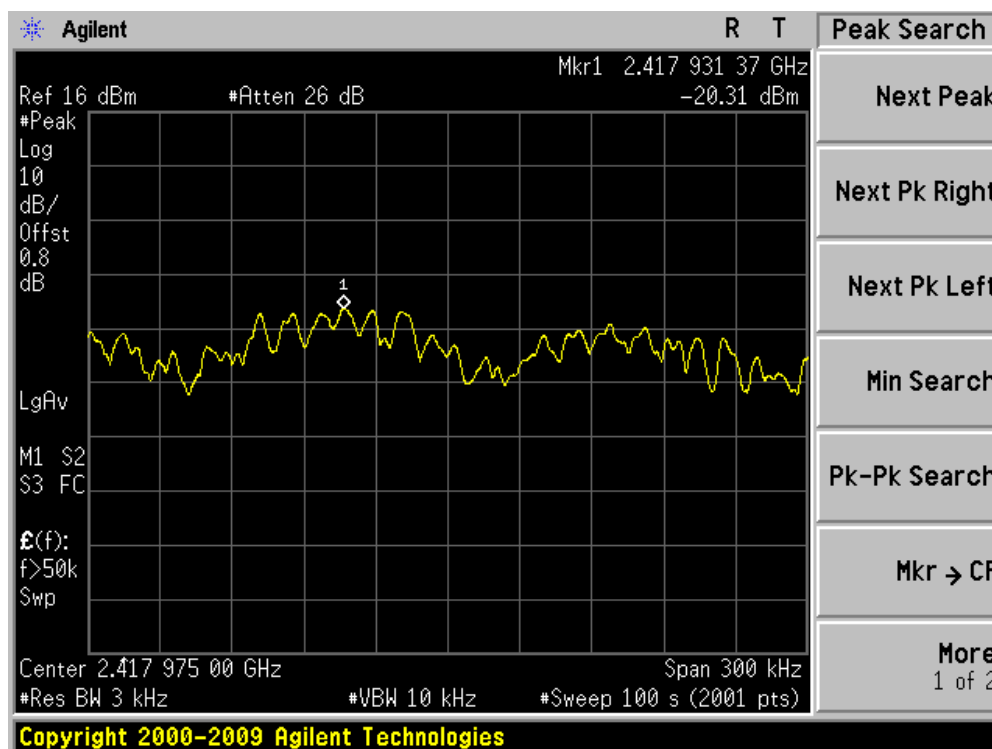
Channel 11 (2462MHz)



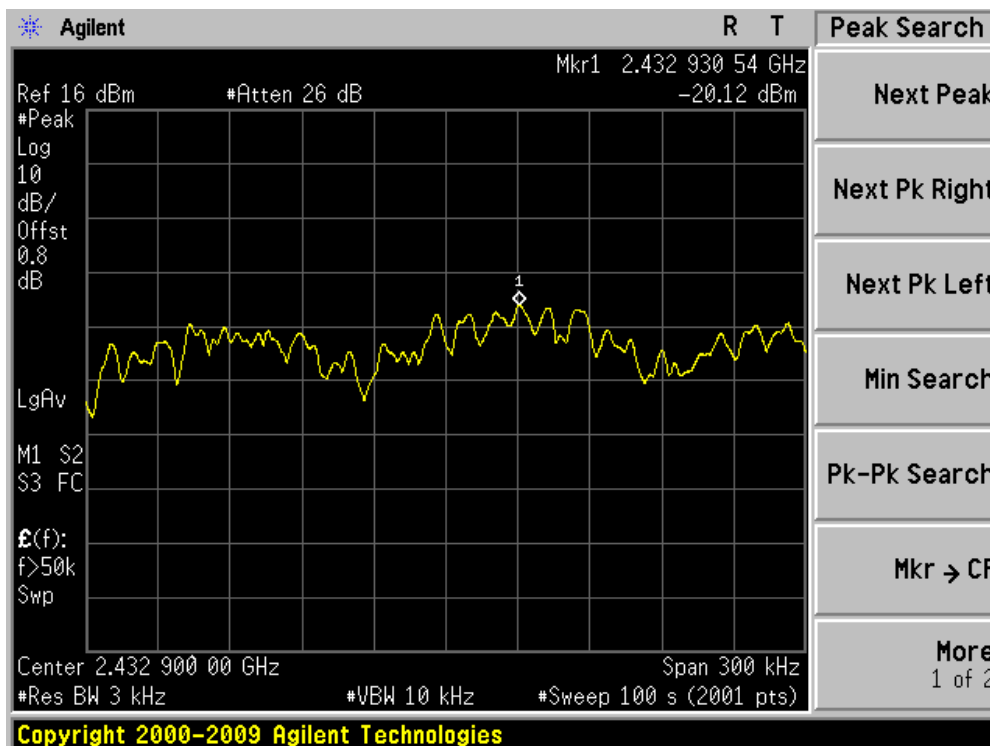
Product	:	Wireless LAN Module
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (40MHz) (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
03	2422	N/A	-20.31	-20.31	8	Pass
06	2437	N/A	-20.12	-20.12	8	Pass
09	2452	N/A	-19.81	-19.81	8	Pass

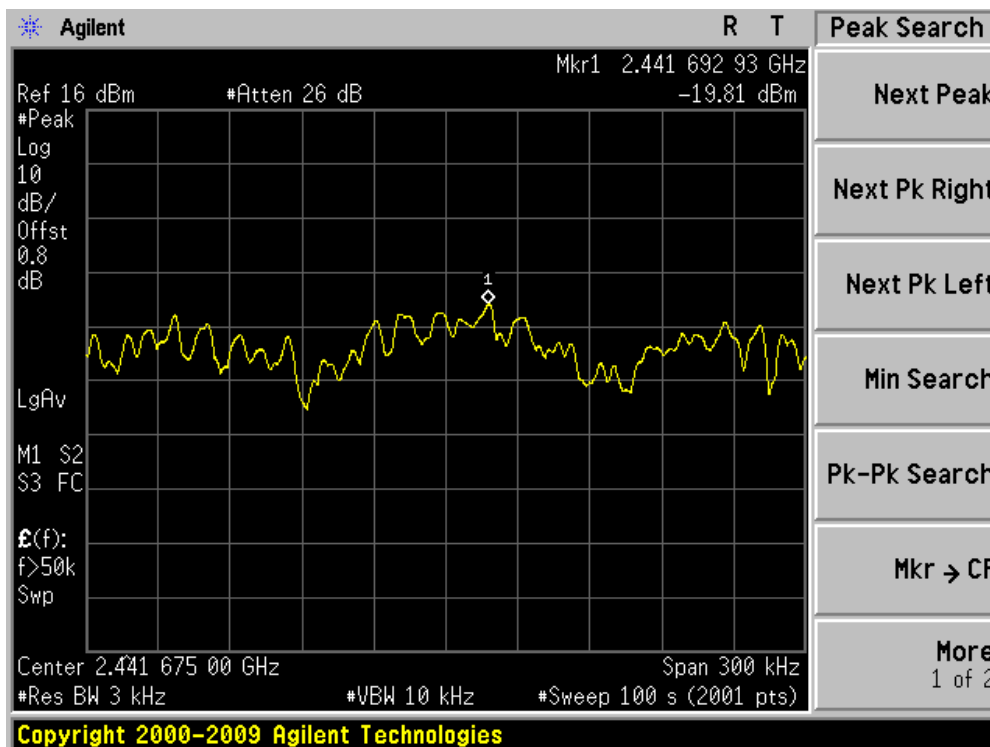
Channel 03 (2422MHz)



Channel 06 (2437MHz)



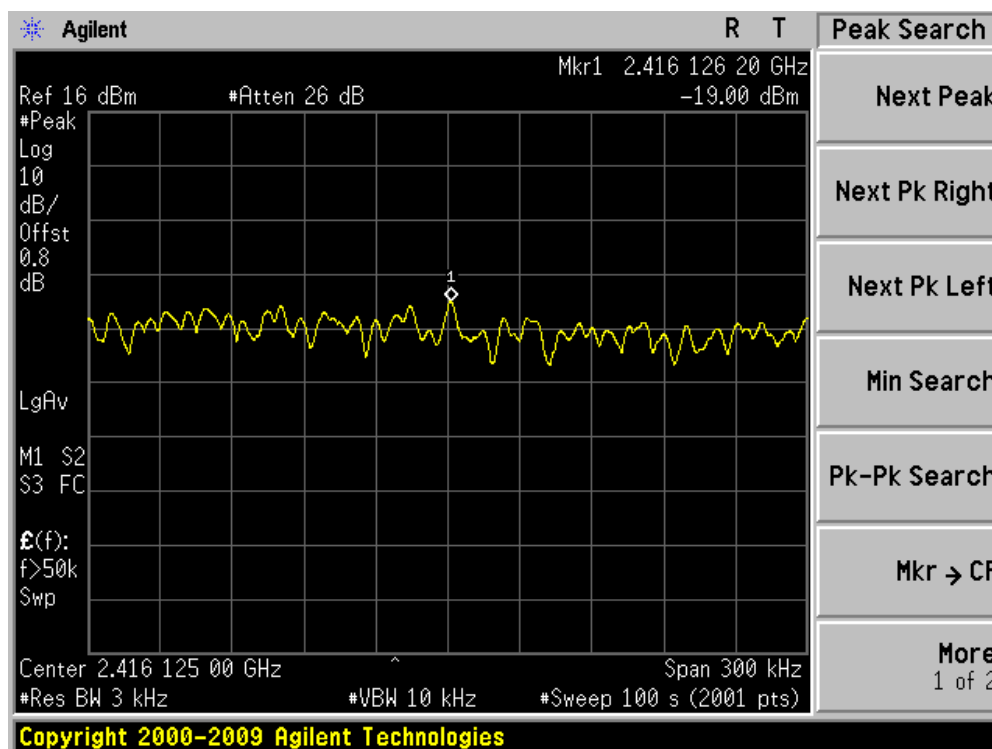
Channel 09 (2452MHz)



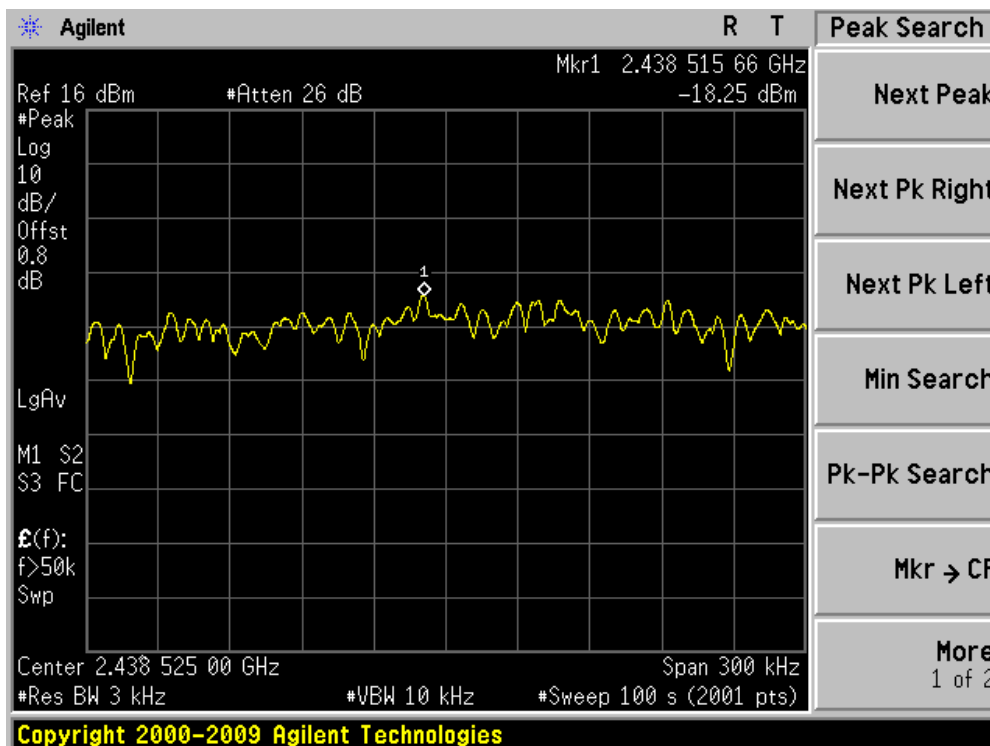
Product	:	Wireless LAN Module
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11n (20MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
01	2412	-19.00	-18.73	-15.85	8	Pass
06	2437	-18.25	-18.89	-15.55	8	Pass
11	2462	-19.20	-18.86	-16.02	8	Pass

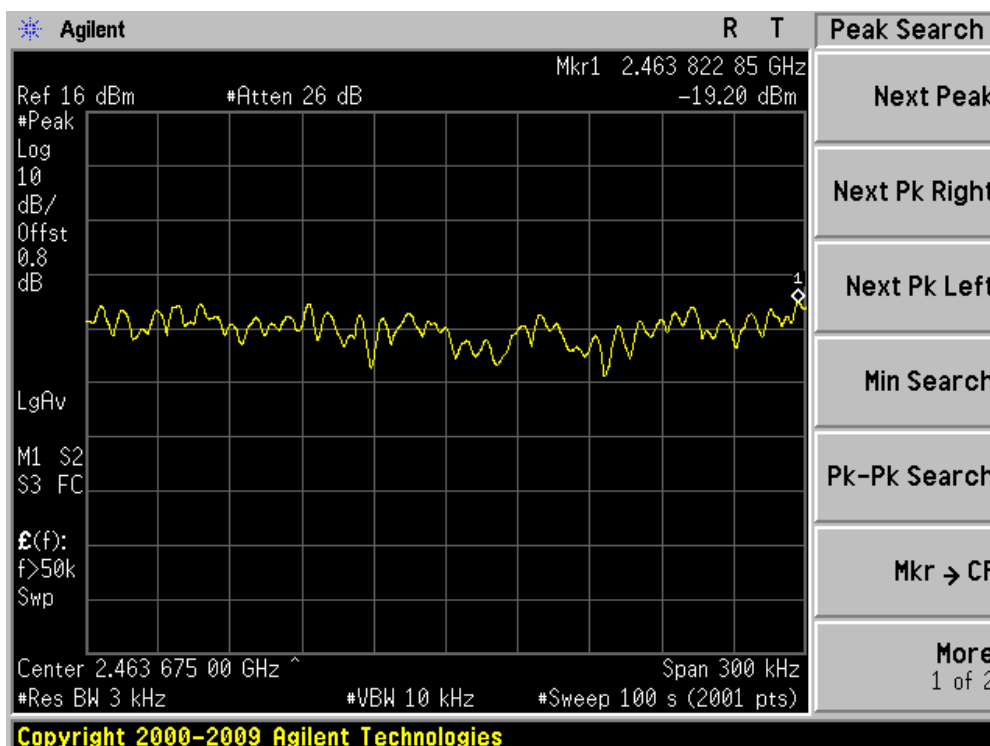
Channel 01 (2412MHz) – Chain 0



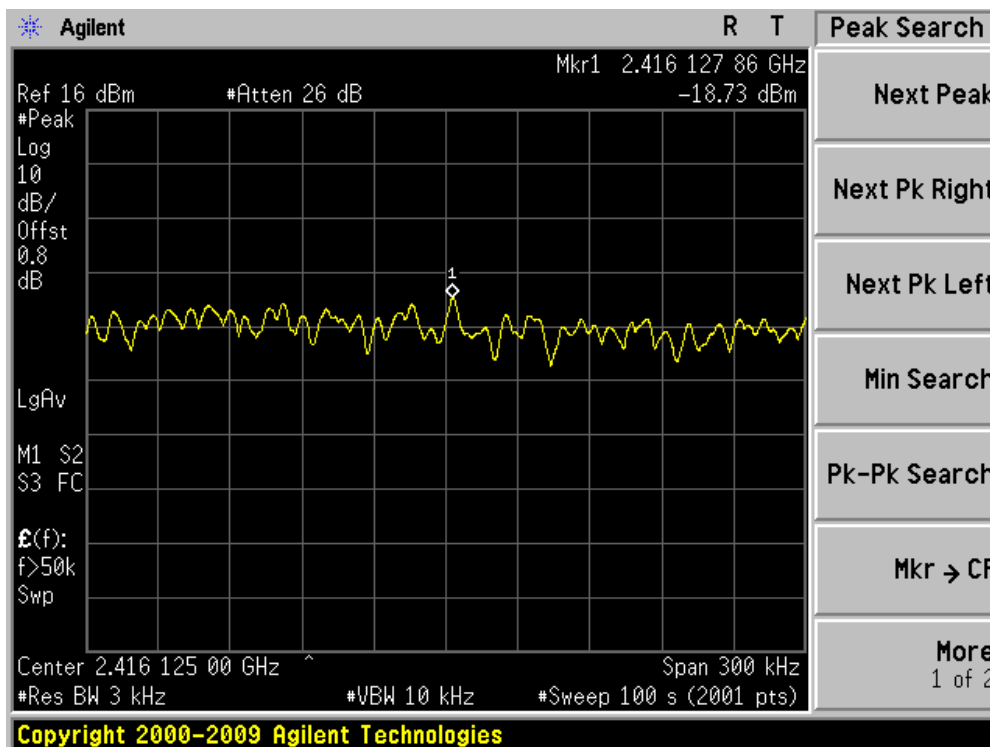
Channel 06 (2437MHz) – Chain 0



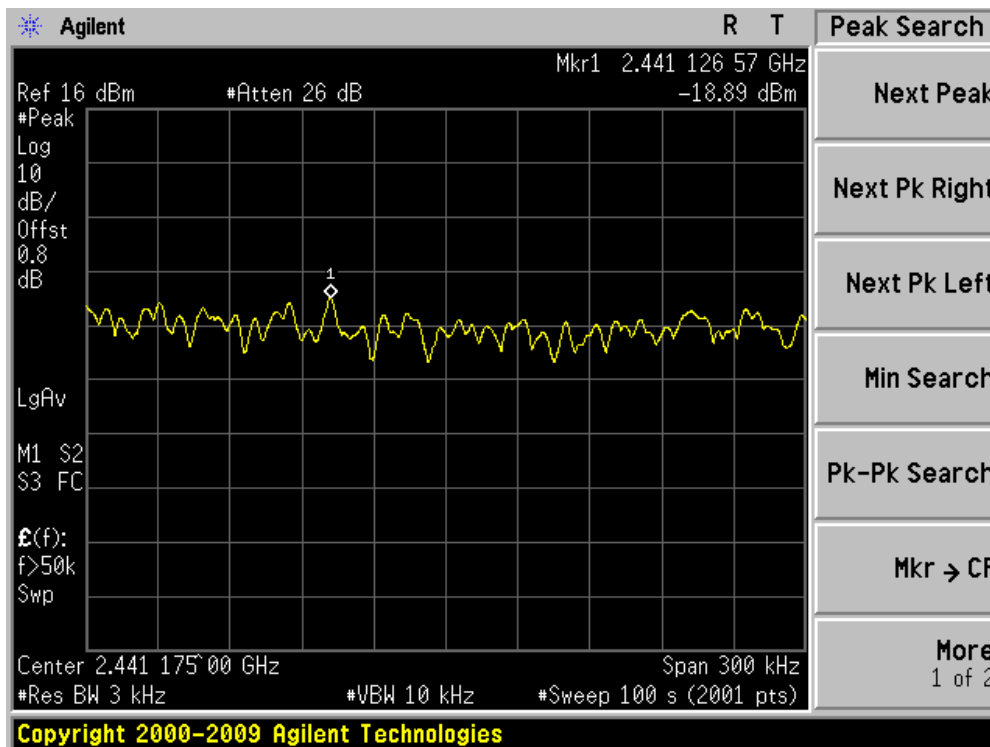
Channel 11 (2462MHz) – Chain 0



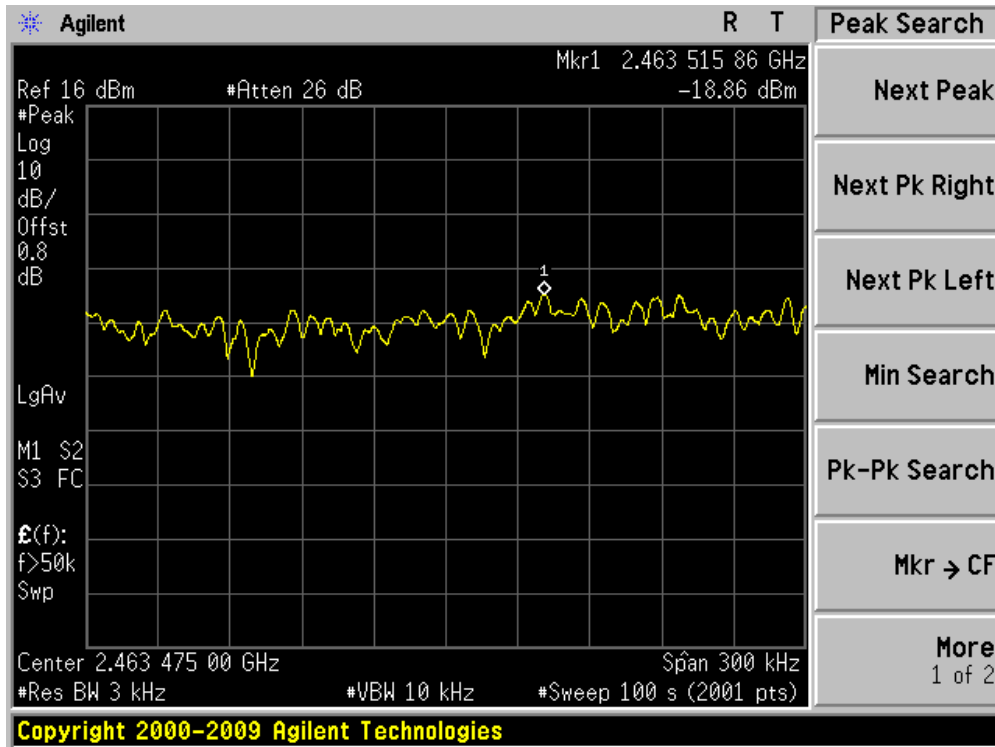
Channel 01 (2412MHz) – Chain 1



Channel 06 (2437MHz) – Chain 1



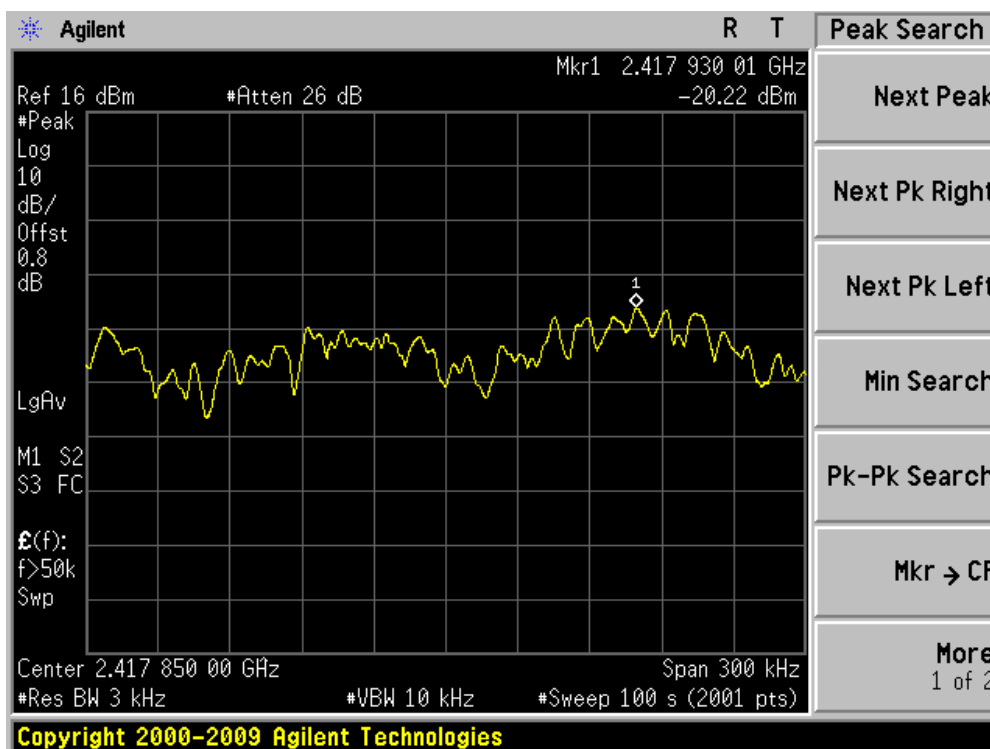
Channel 11 (2462MHz) – Chain 1



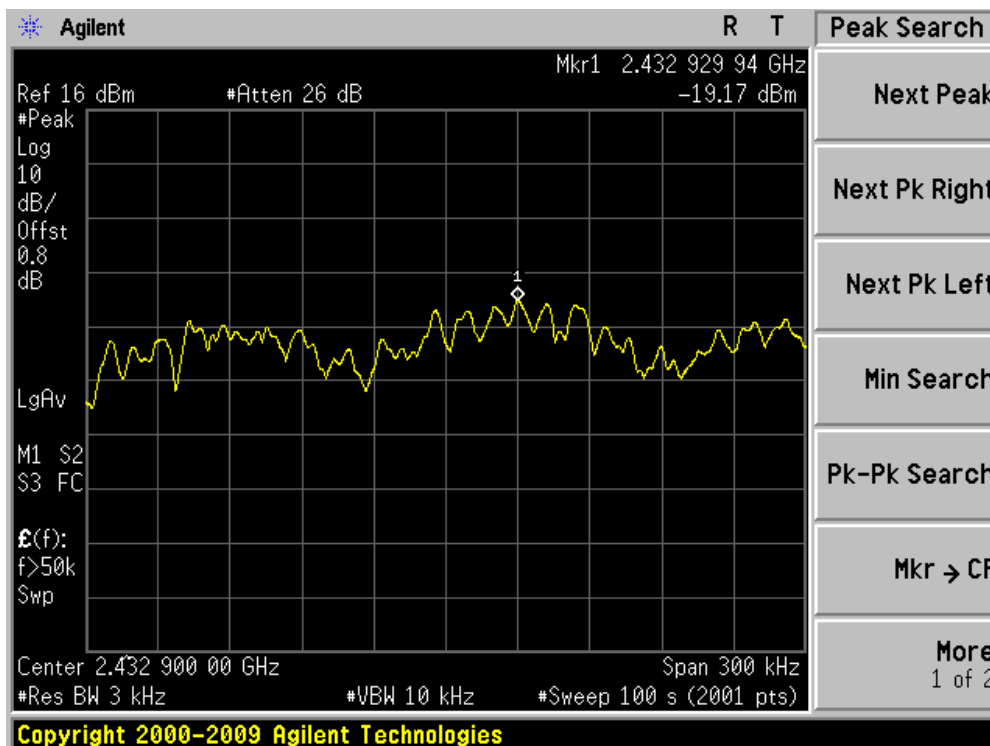
Product	:	Wireless LAN Module
Test Item	:	Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11n (40MHz) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm)		Total PPSD (dBm)	Limit (dBm)	Result
		Chain 0	Chain 1			
03	2422	-20.22	-19.58	-16.88	8	Pass
06	2437	-19.17	-20.77	-16.89	8	Pass
09	2452	-21.01	-20.53	-17.75	8	Pass

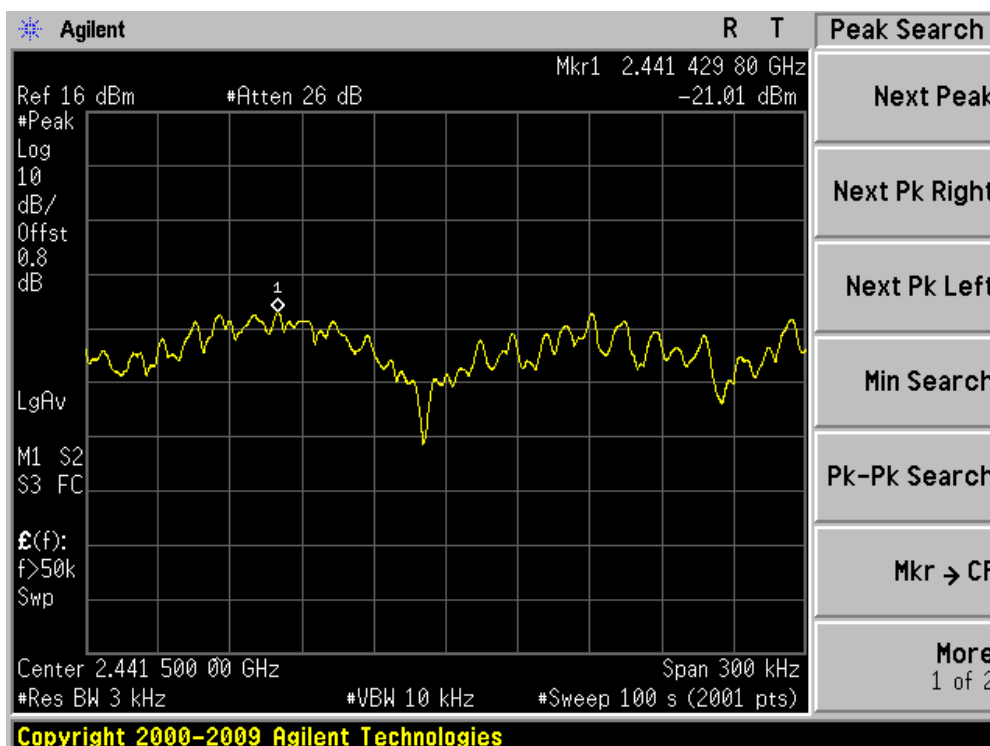
Channel 03 (2422MHz) – Chain 0



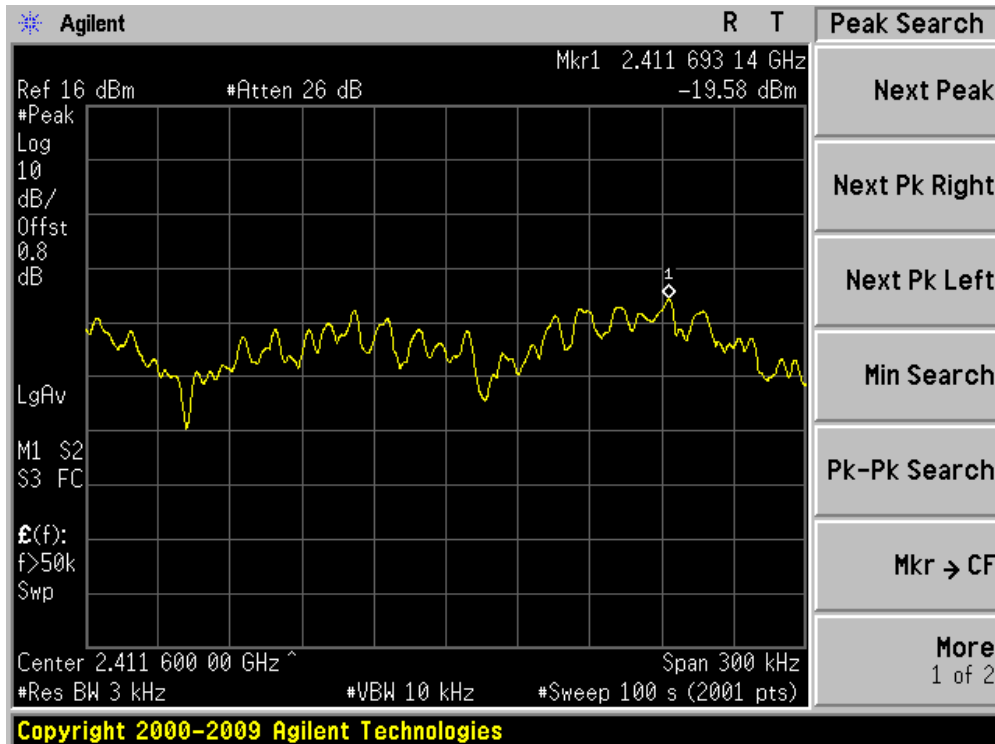
Channel 06 (2437MHz) – Chain 0



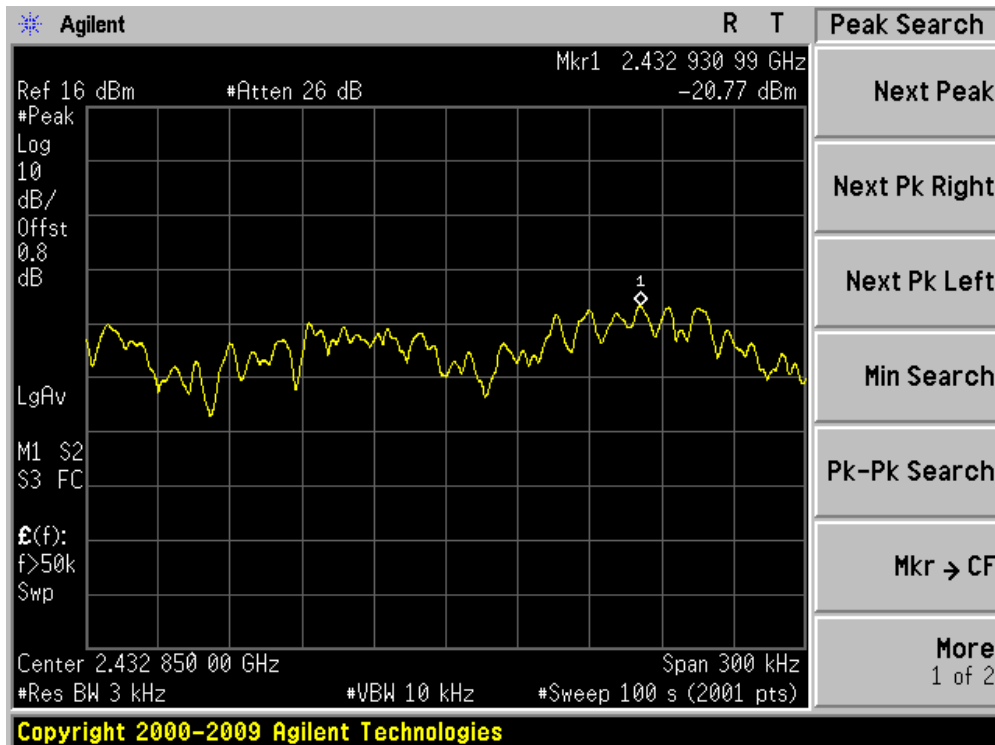
Channel 09 (2452MHz) – Chain 0



Channel 03 (2422MHz) – Chain 1



Channel 06 (2437MHz) – Chain 1



Channel 09 (2452MHz) – Chain 1

