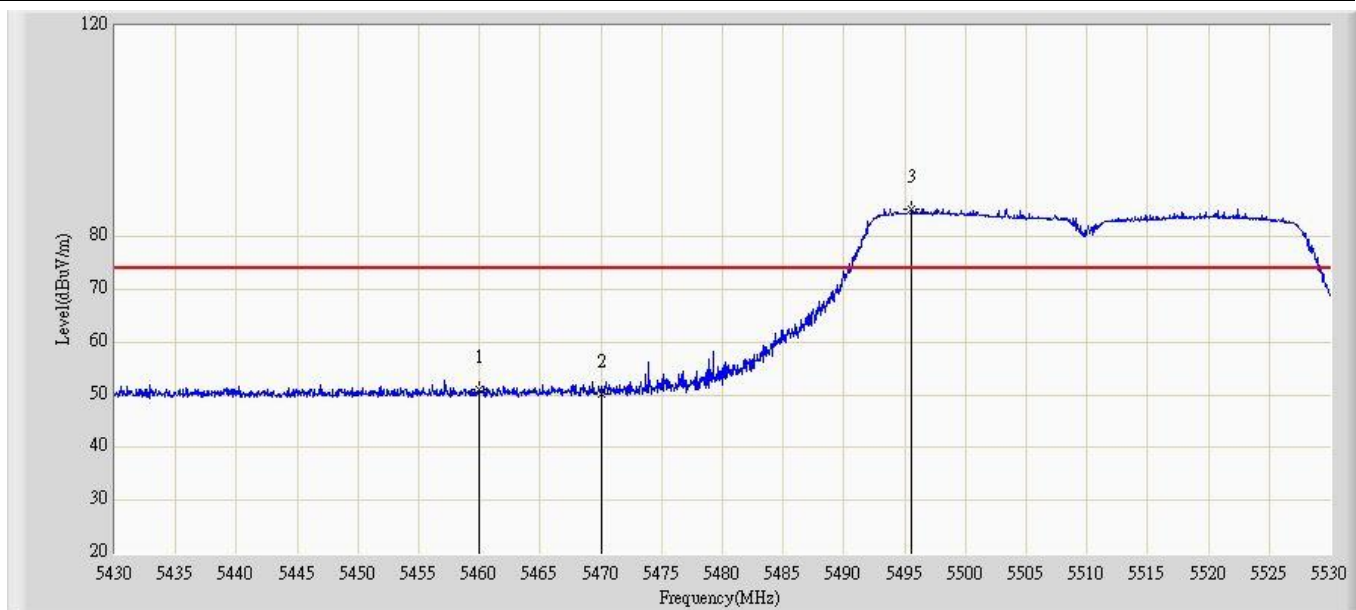
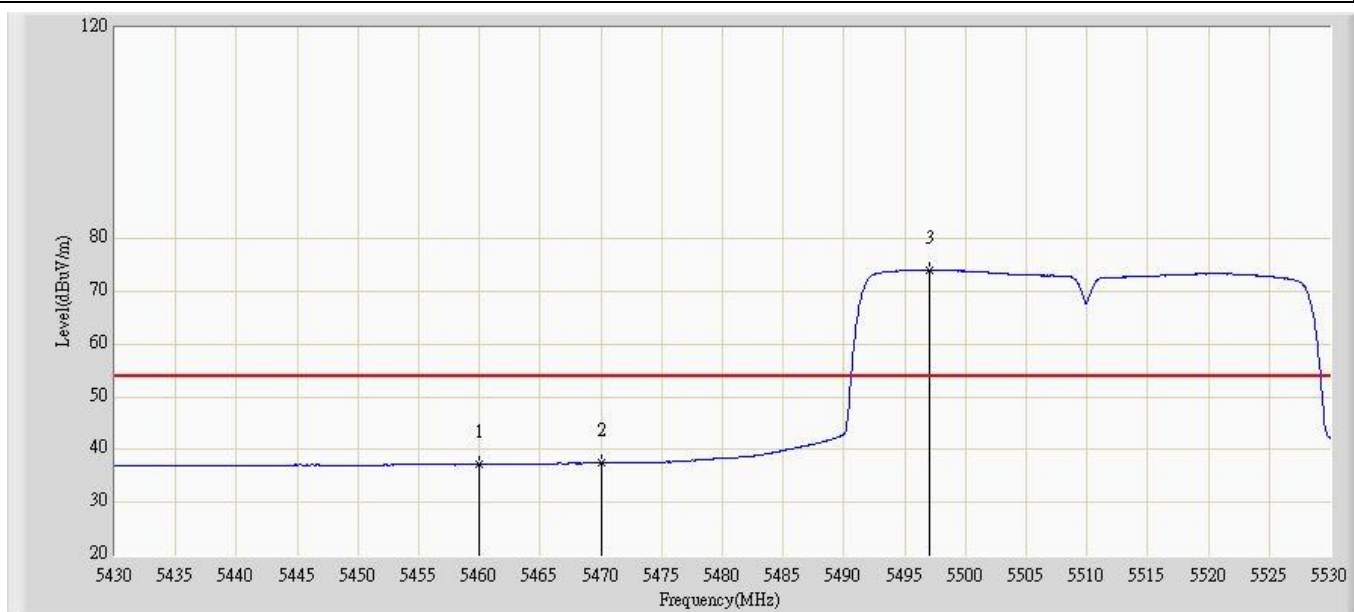


Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 22:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5510 MHz by 802.11n40 Chain 2	



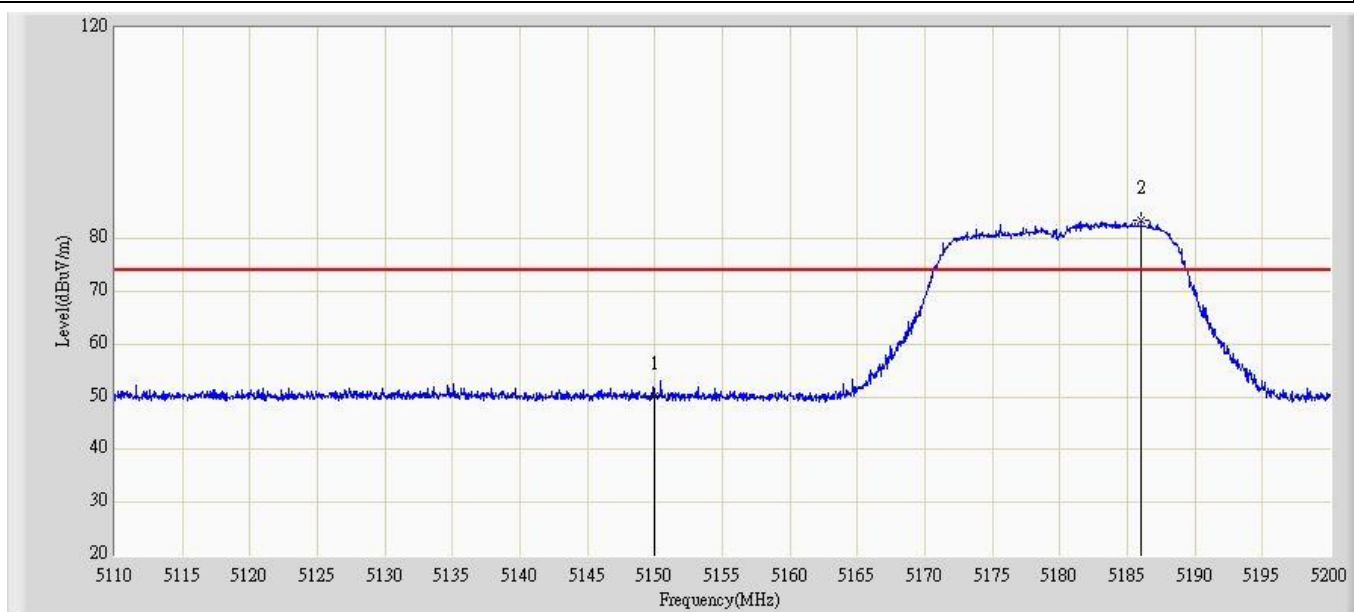
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	51.061	58.566	-22.939	74.000	-7.505	PK
2			5470.000	50.199	57.683	-38.101	88.300	-7.484	PK
3		*	5495.600	85.346	92.821	N/A	N/A	-7.476	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 22:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5510 MHz by 802.11n40 Chain 2	



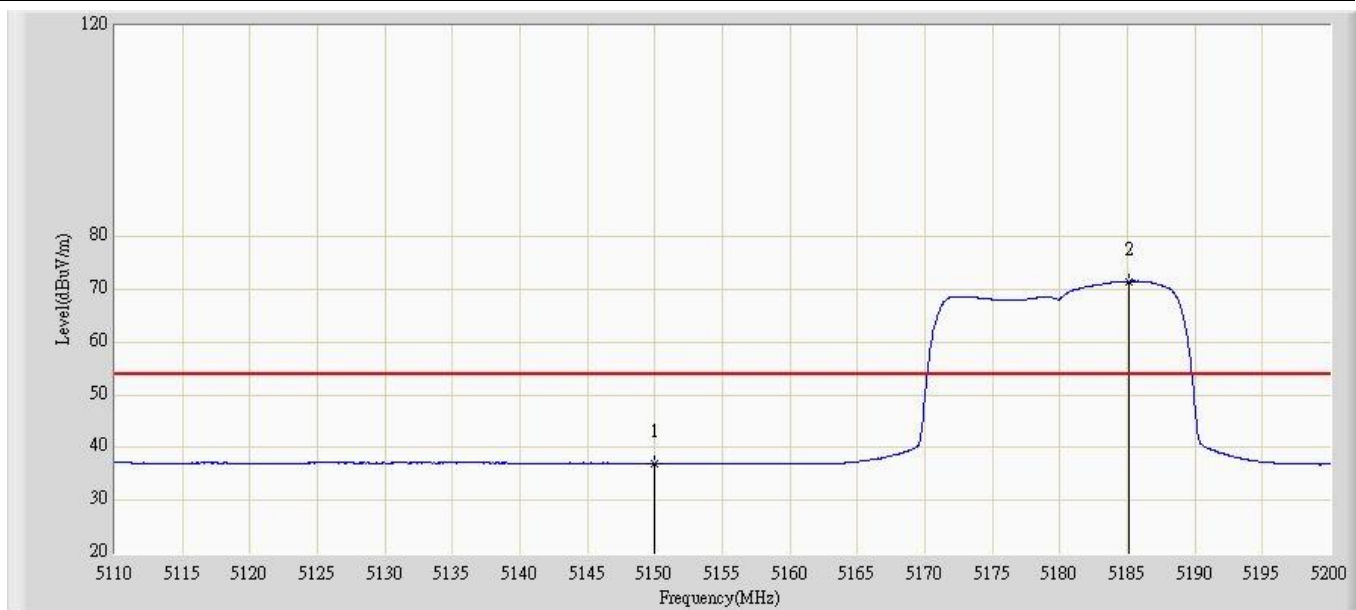
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	37.114	44.619	-16.886	54.000	-7.505	AV
2			5470.000	37.414	44.898	-30.886	68.300	-7.484	AV
3		*	5497.000	74.031	81.507	N/A	N/A	-7.476	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5180 MHz by 802.11n20 Chain 0+1	



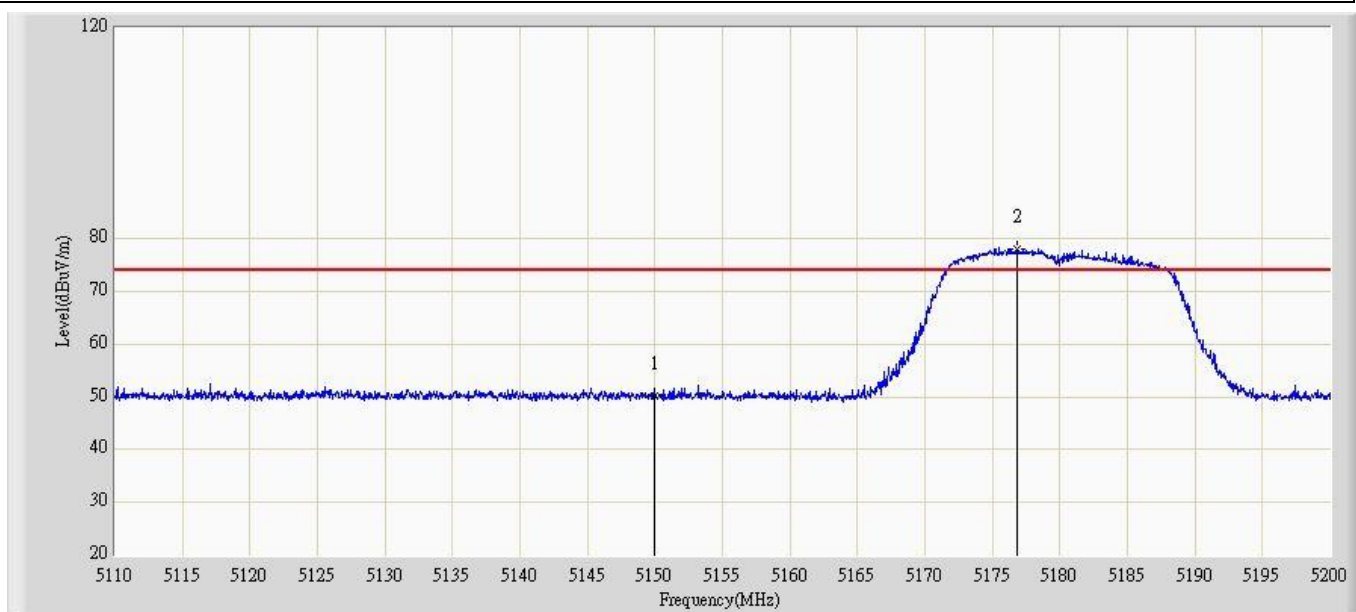
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	50.047	58.131	-23.953	74.000	-8.084	PK
2		*	5186.005	83.521	91.532	N/A	N/A	-8.010	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5180 MHz by 802.11n20 Chain 0+1	



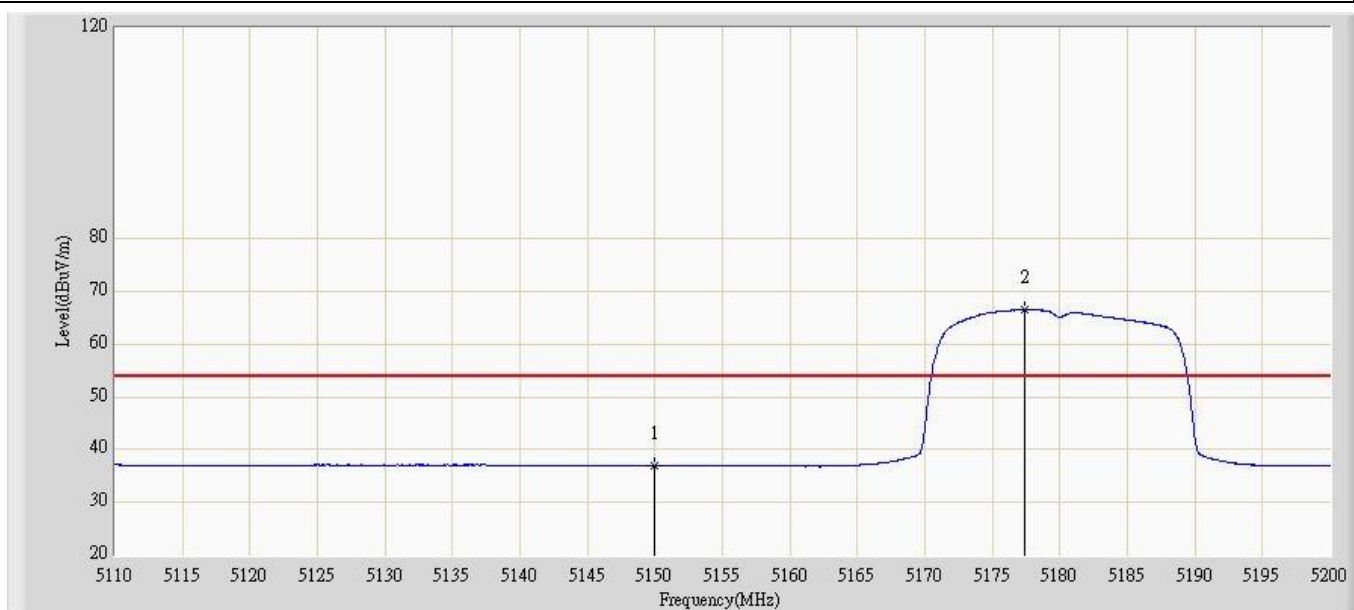
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	36.993	45.077	-17.007	54.000	-8.084	AV
2		*	5185.105	71.553	79.566	N/A	N/A	-8.012	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5180 MHz by 802.11n20 Chain 0+1	



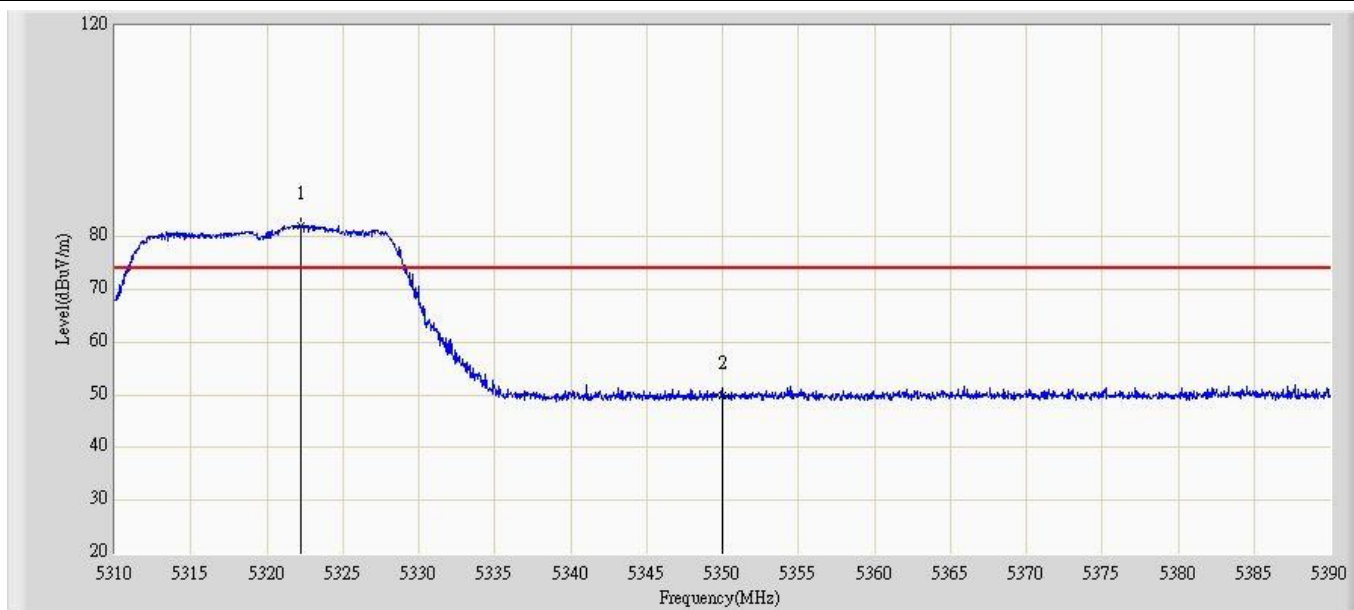
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	50.113	58.157	-23.887	74.000	-8.044	PK
2		*	5176.780	77.928	85.871	N/A	N/A	-7.943	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5180 MHz by 802.11n20 Chain 0+1	



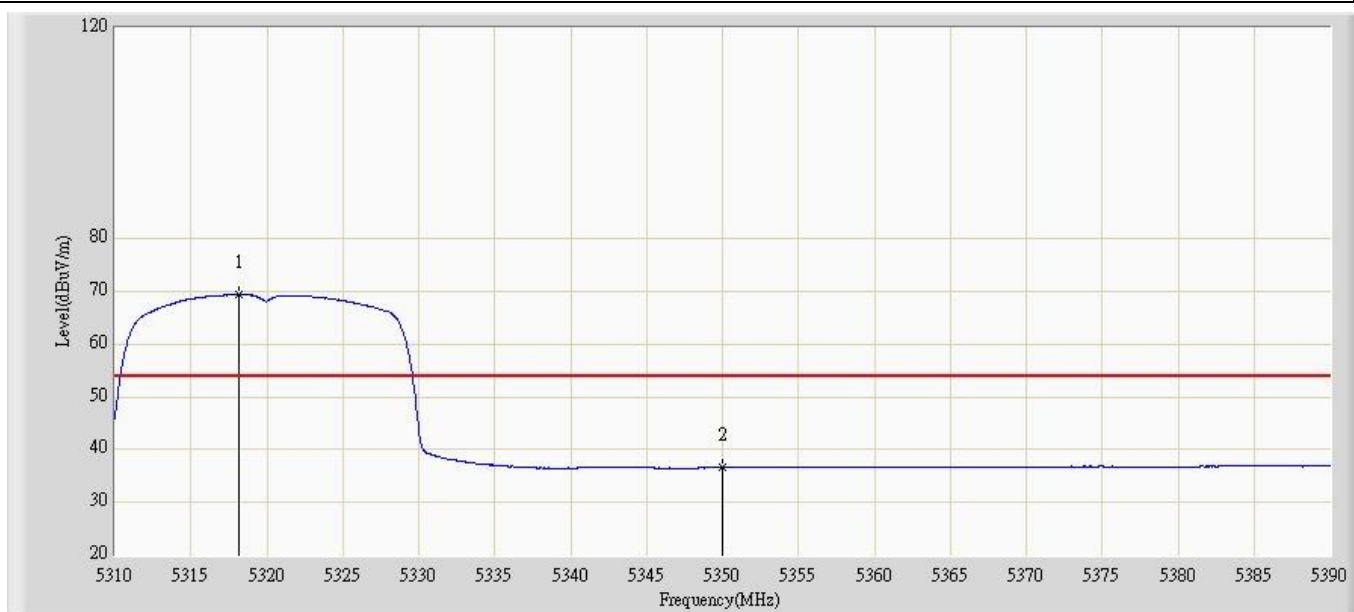
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	37.019	45.063	-16.981	54.000	-8.044	AV
2		*	5177.410	66.516	74.458	N/A	N/A	-7.942	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5320 MHz by 802.11n20 Chain 0+1	



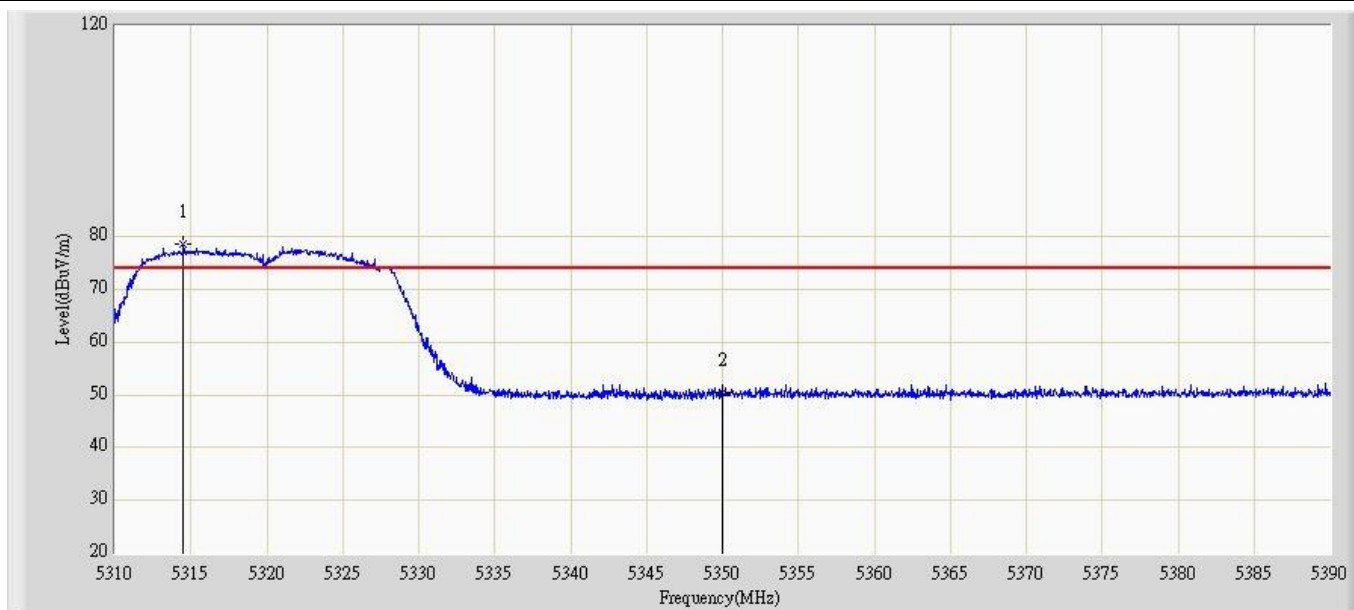
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5322.200	82.054	89.887	N/A	N/A	-7.833	PK
2			5350.000	49.997	57.780	-24.003	74.000	-7.783	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5320 MHz by 802.11n20 Chain 0+1	



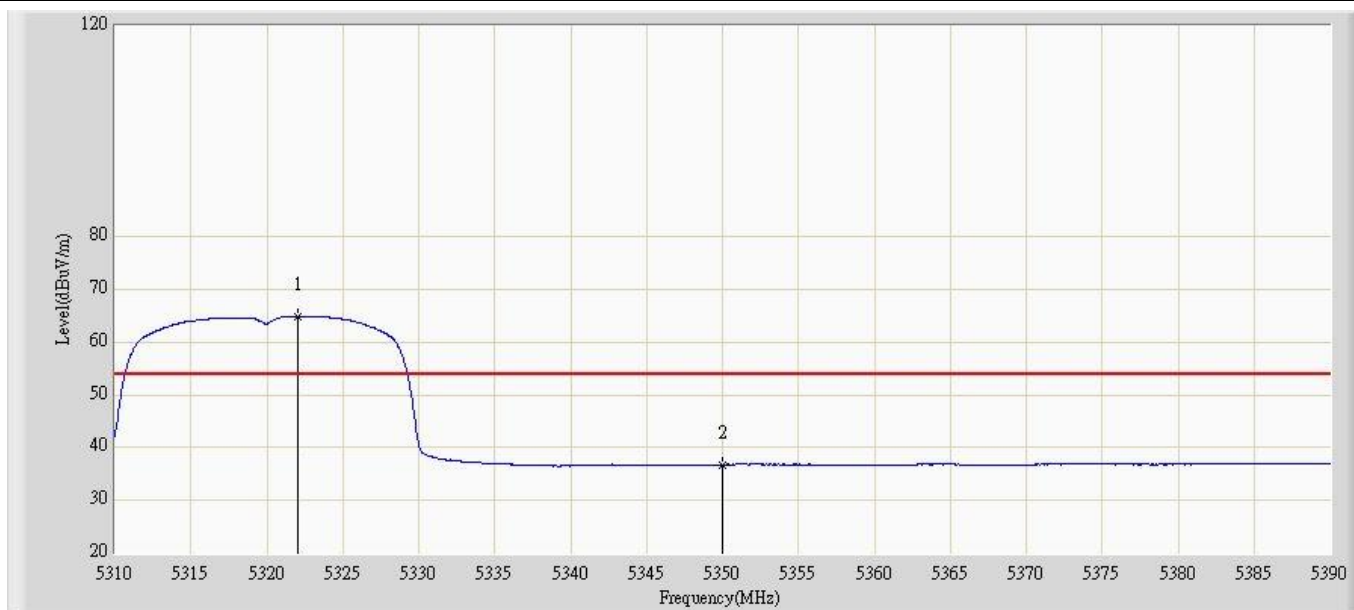
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5318.160	69.343	77.179	N/A	N/A	-7.836	AV
2			5350.000	36.613	44.396	-17.387	54.000	-7.783	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5320 MHz by 802.11n20 Chain 0+1	



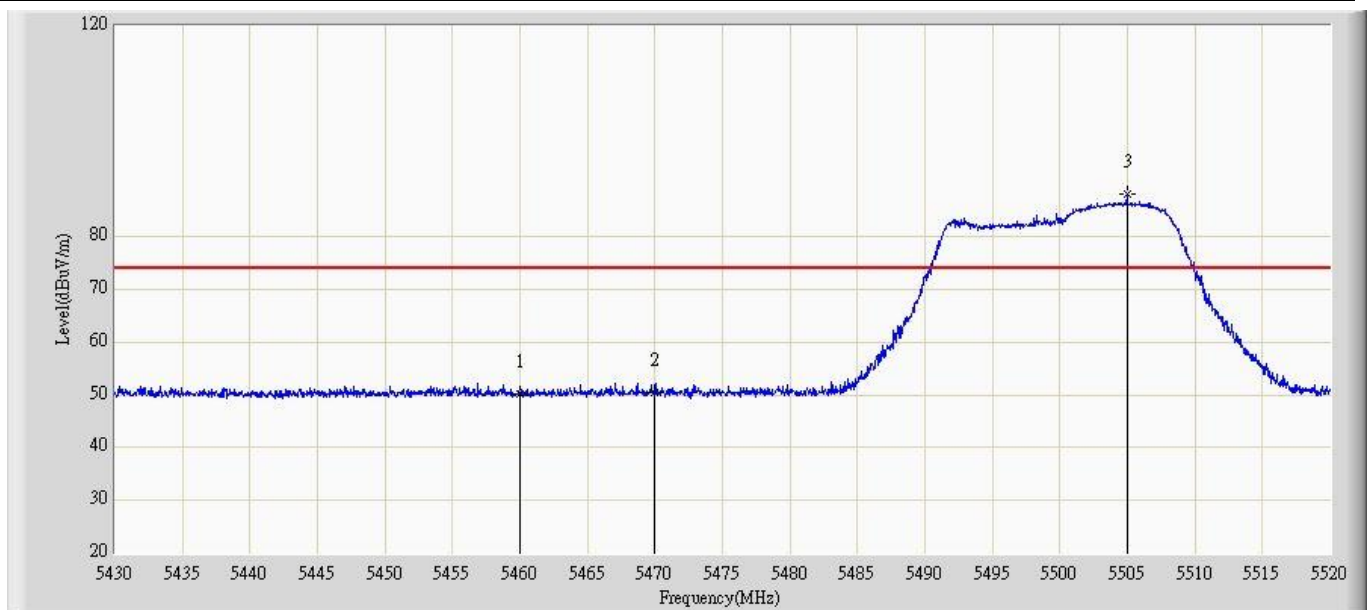
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5314.520	78.521	86.187	N/A	N/A	-7.666	PK
2			5350.000	50.455	58.078	-23.545	74.000	-7.623	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5320 MHz by 802.11n20 Chain 0+1	



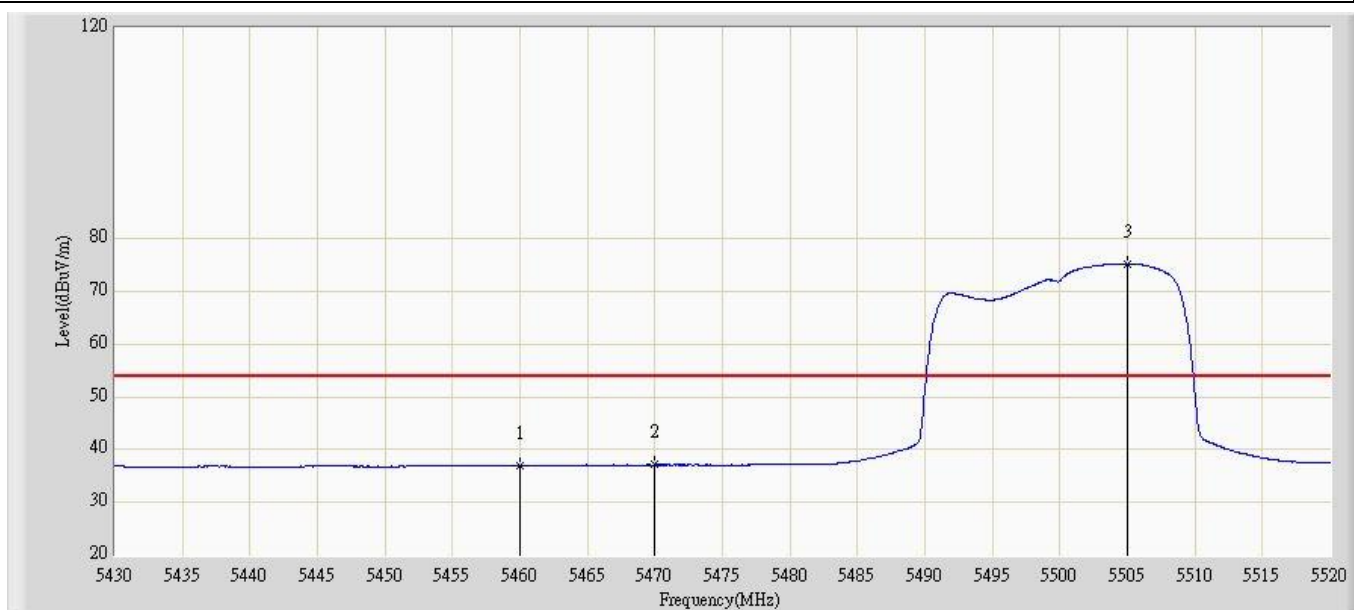
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5322.040	64.905	72.566	N/A	N/A	-7.661	AV
2			5350.000	36.798	44.421	-17.202	54.000	-7.623	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5500 MHz by 802.11n20 Chain 0+1	



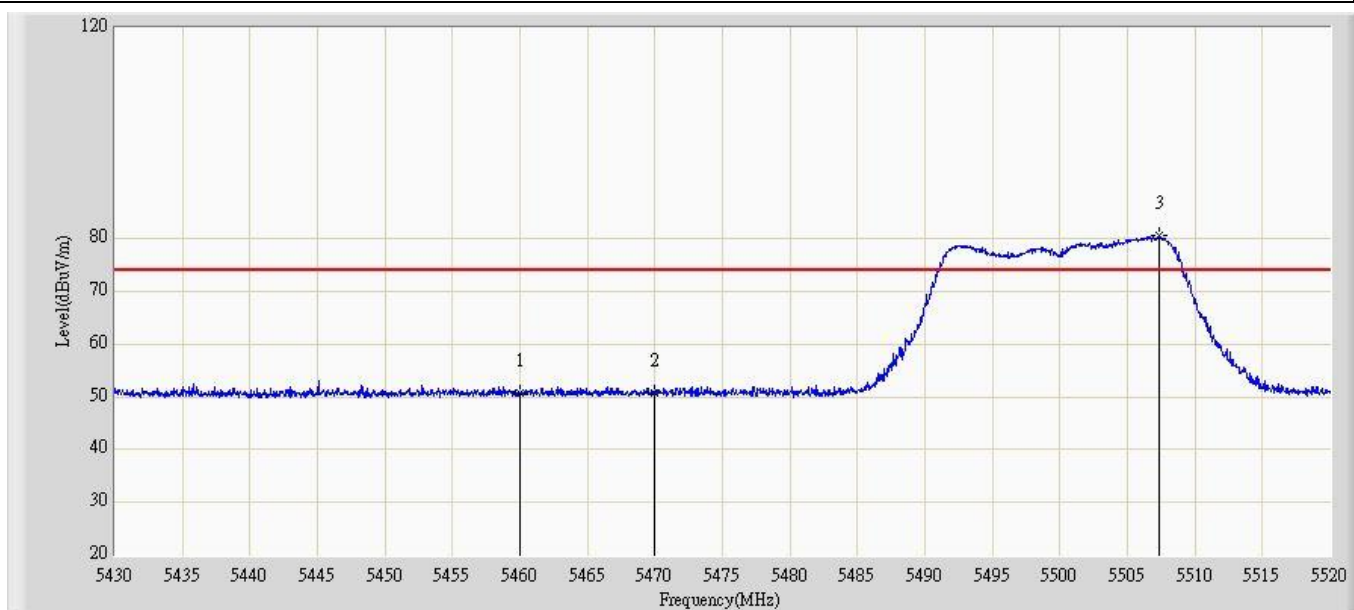
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	50.297	57.918	-23.703	74.000	-7.621	PK
2			5470.000	50.396	57.992	-37.904	88.300	-7.596	PK
3		*	5504.970	88.075	95.649	N/A	N/A	-7.574	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5500 MHz by 802.11n20 Chain 0+1	



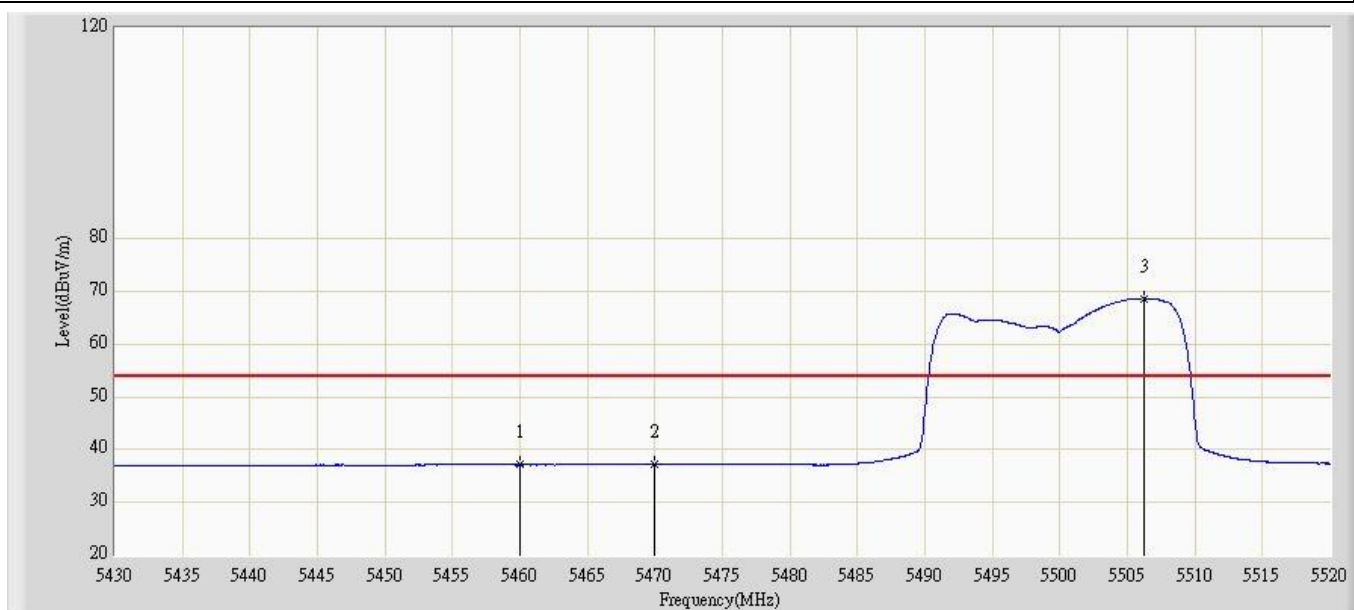
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	37.005	44.626	-16.995	54.000	-7.621	AV
2			5470.000	37.098	44.694	-31.202	68.300	-7.596	AV
3		*	5504.970	75.283	82.857	N/A	N/A	-7.574	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5500 MHz by 802.11n20 Chain 0+1	



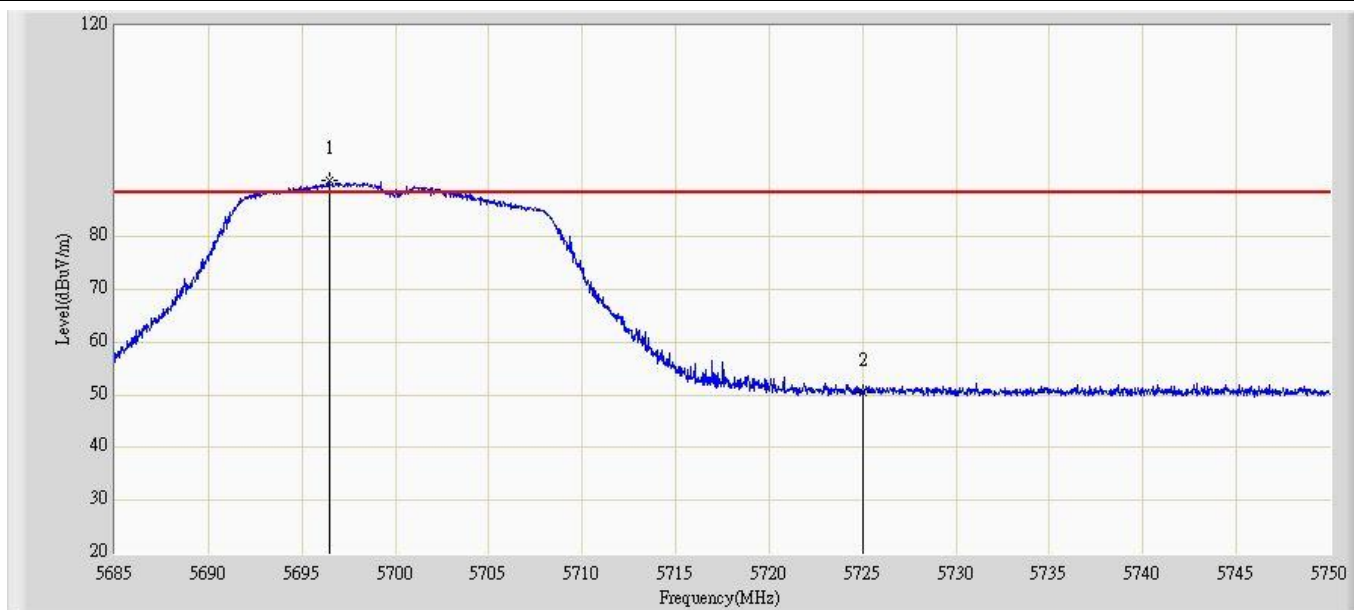
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	50.681	58.186	-23.319	74.000	-7.505	PK
2			5470.000	50.732	58.216	-37.568	88.300	-7.484	PK
3		*	5507.310	80.523	87.994	N/A	N/A	-7.472	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5500 MHz by 802.11n20 Chain 0+1	



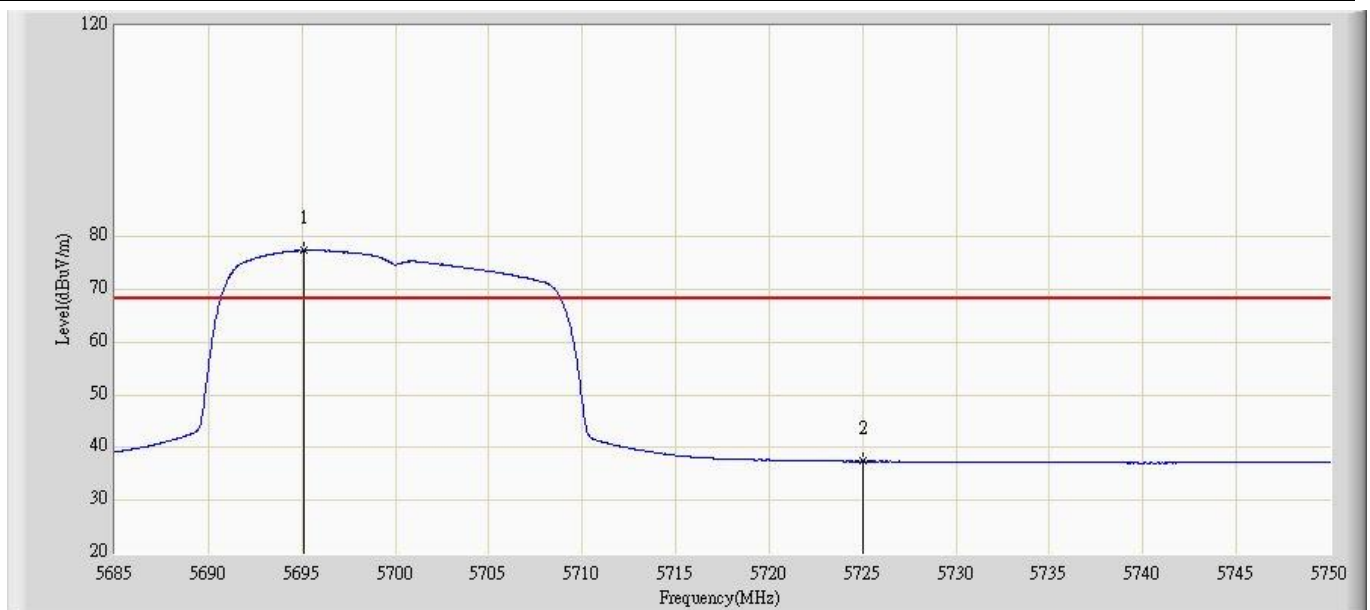
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	37.137	44.642	-16.863	54.000	-7.505	AV
2			5470.000	37.202	44.686	-31.098	68.300	-7.484	AV
3		*	5506.230	68.703	76.177	N/A	N/A	-7.473	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:28
Limit: FCC_Part15.407_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5700 MHz by 802.11n20 Chain 0+1	



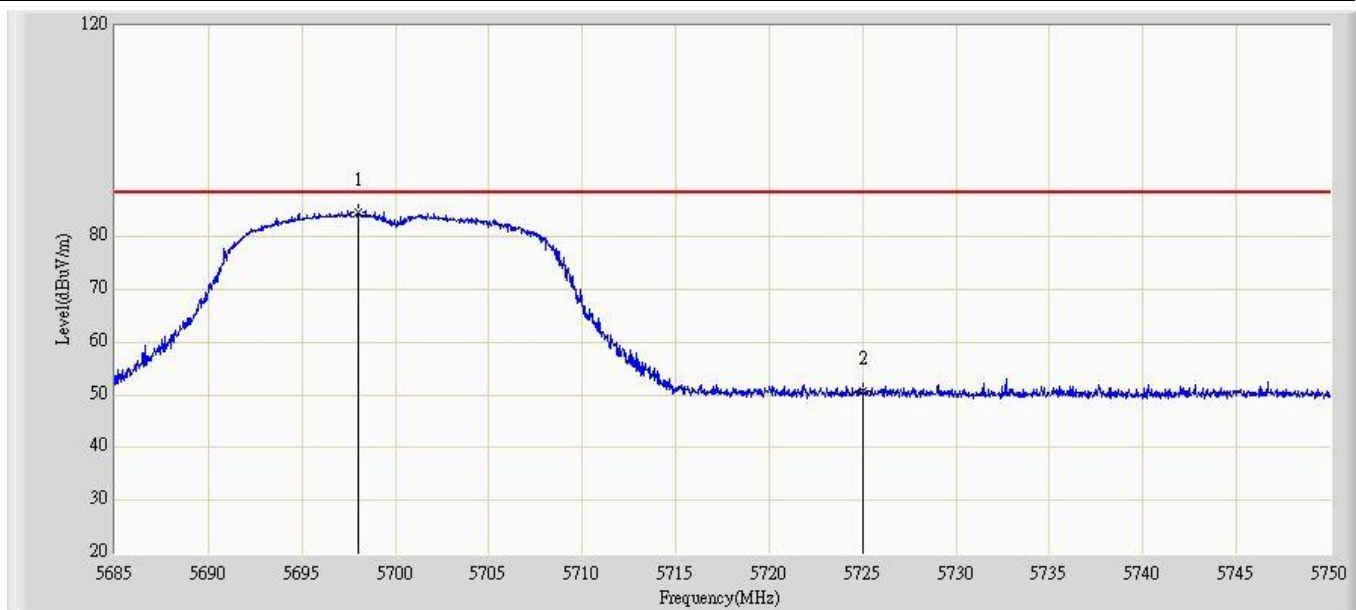
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5696.440	90.687	97.929	N/A	N/A	-7.243	PK
2			5725.000	50.478	57.659	-37.822	88.300	-7.181	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:31
Limit: FCC_Part15.407_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5700 MHz by 802.11n20 Chain 0+1	



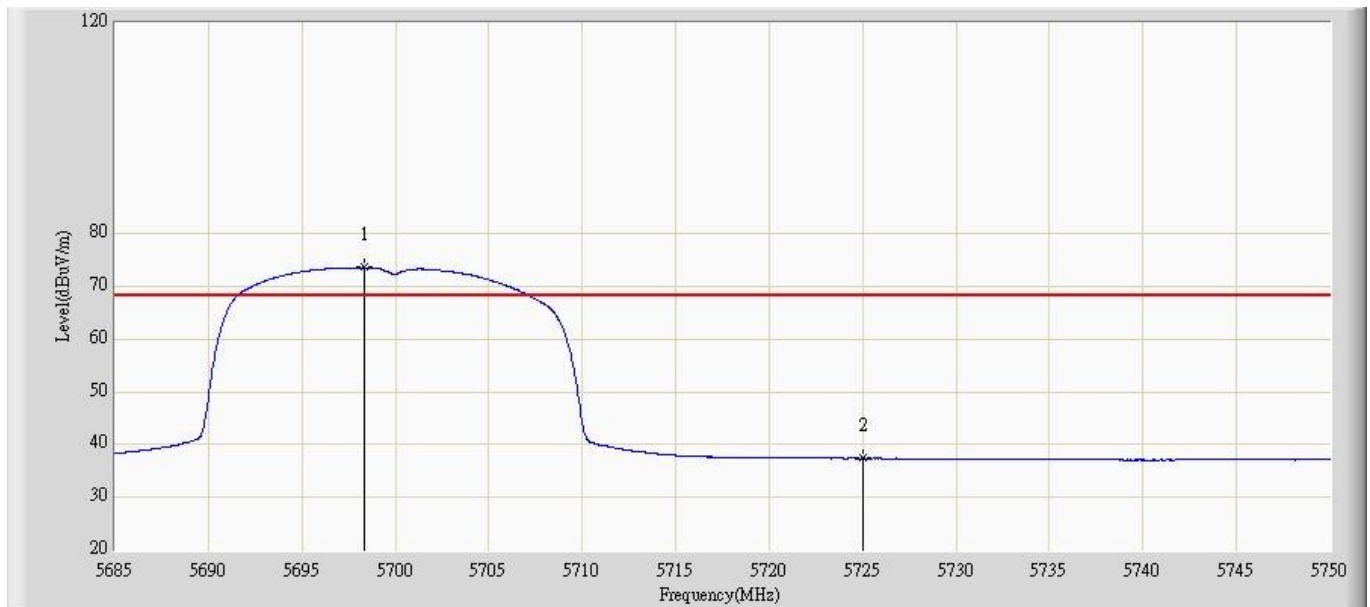
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5695.075	77.347	84.591	N/A	N/A	-7.244	AV
2			5725.000	37.389	44.570	-30.911	68.300	-7.181	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:32
Limit: FCC_Part15.407_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5700 MHz by 802.11n20 Chain 0+1	



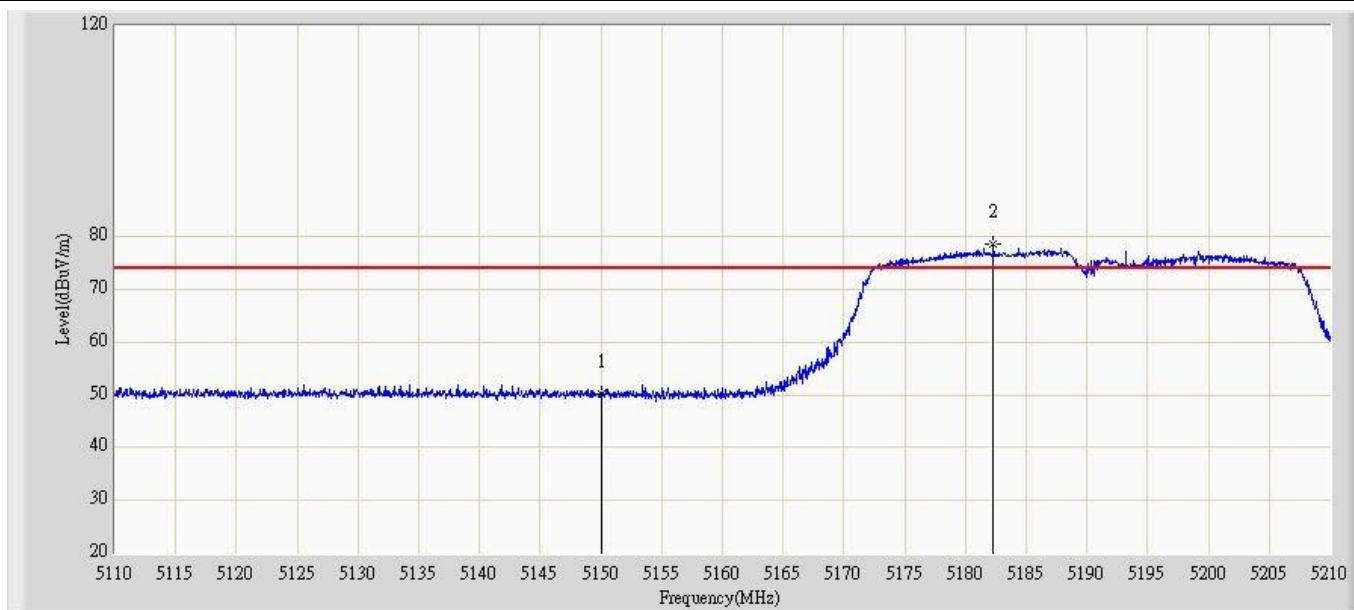
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5698.033	84.784	92.002	N/A	N/A	-7.218	PK
2			5725.000	50.729	57.900	-37.571	88.300	-7.171	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:33
Limit: FCC_Part15.407_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5700 MHz by 802.11n20 Chain 0+1	



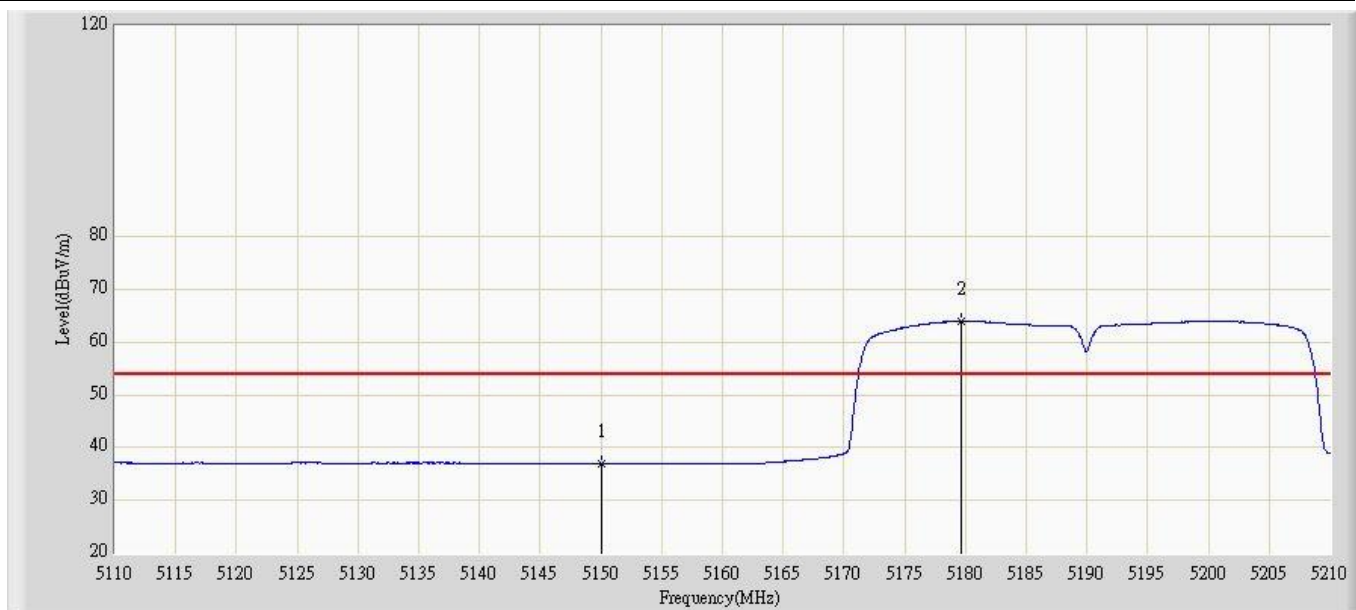
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5698.325	73.612	80.829	N/A	N/A	-7.218	AV
2			5725.000	37.395	44.566	-30.905	68.300	-7.171	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5190 MHz by 802.11n40 Chain 0+1	



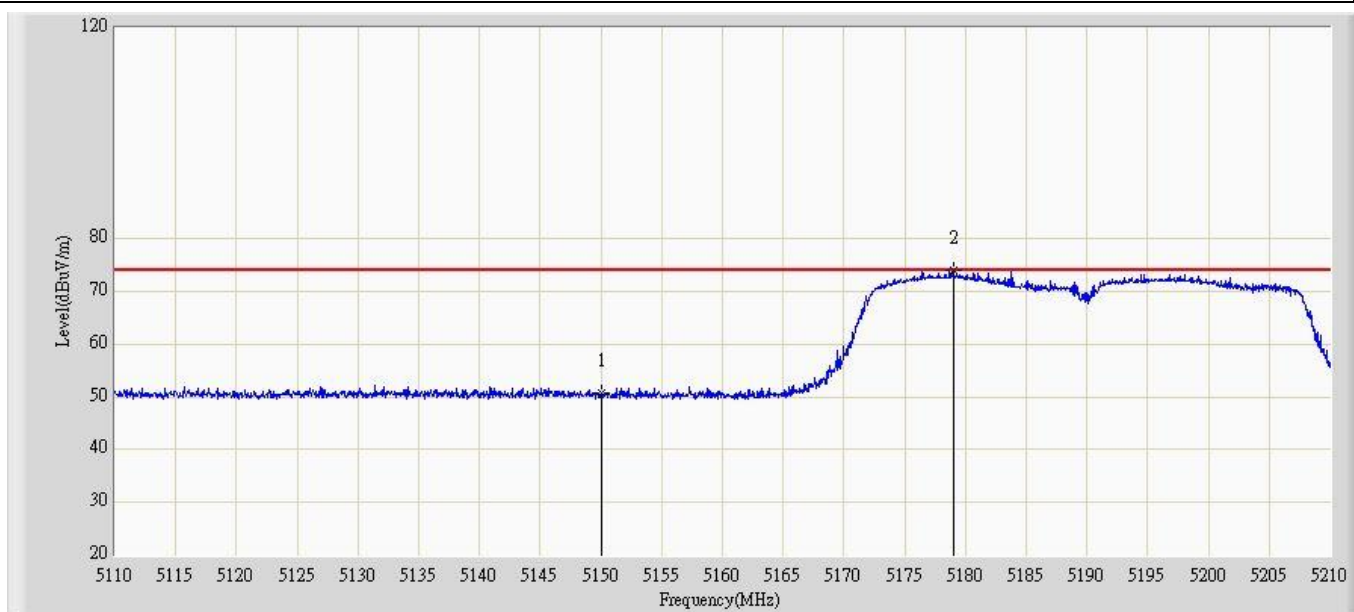
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	50.298	58.382	-23.702	74.000	-8.084	PK
2		*	5182.300	78.541	86.560	N/A	N/A	-8.020	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5190 MHz by 802.11n40 Chain 0+1	



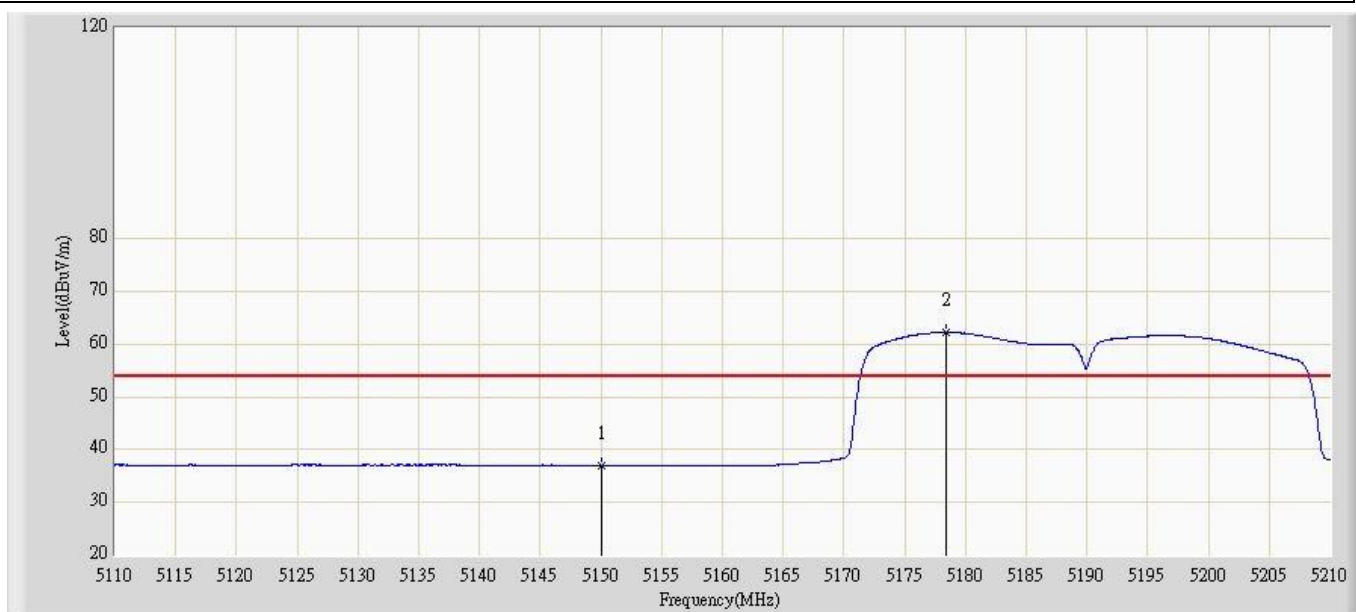
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	37.009	45.093	-16.991	54.000	-8.084	AV
2		*	5179.600	63.945	71.968	N/A	N/A	-8.022	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/15 - 23:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5190 MHz by 802.11n40 Chain 0+1	



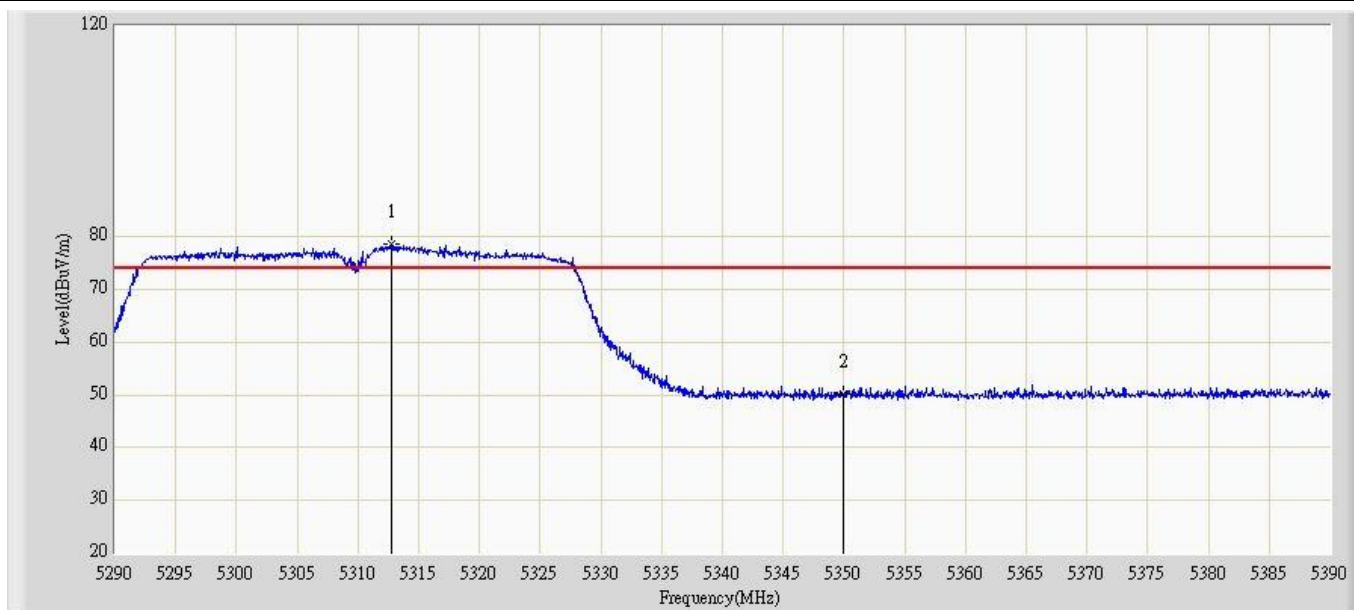
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	50.667	58.711	-23.333	74.000	-8.044	PK
2		*	5179.000	73.968	81.905	N/A	N/A	-7.938	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 00:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 1: Transmit at channel 5190 MHz by 802.11n40 Chain 0+1	



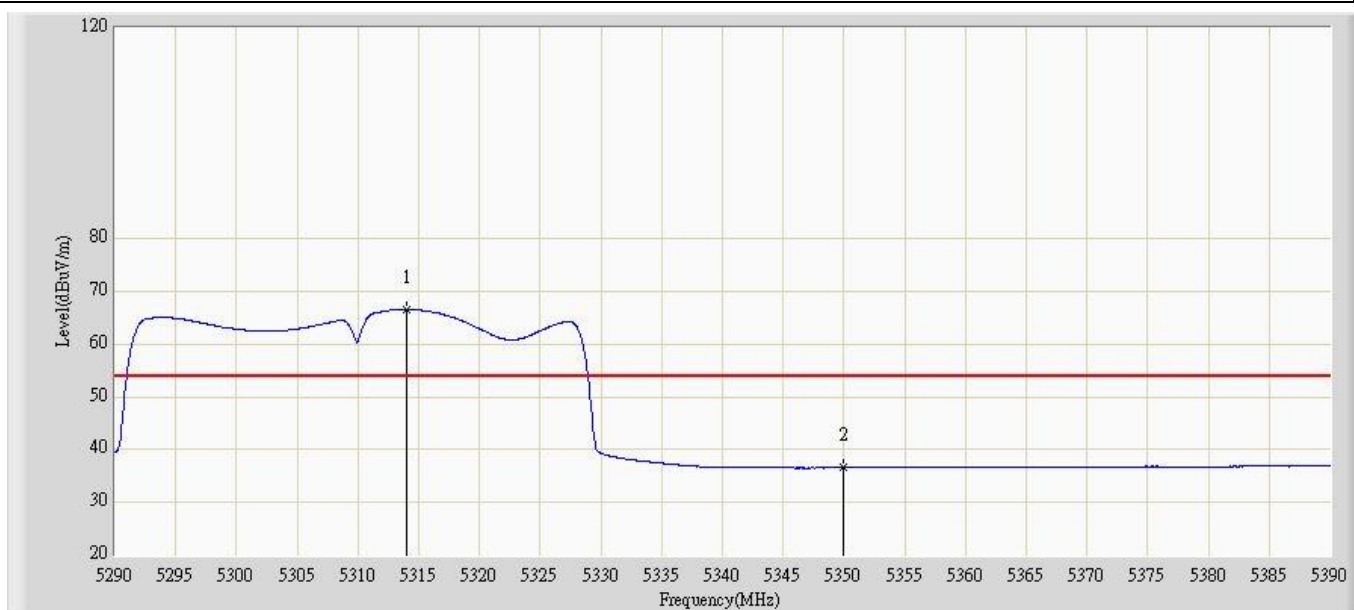
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	36.991	45.035	-17.009	54.000	-8.044	AV
2		*	5178.400	62.225	70.164	N/A	N/A	-7.939	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 00:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5310 MHz by 802.11n40 Chain 0+1	



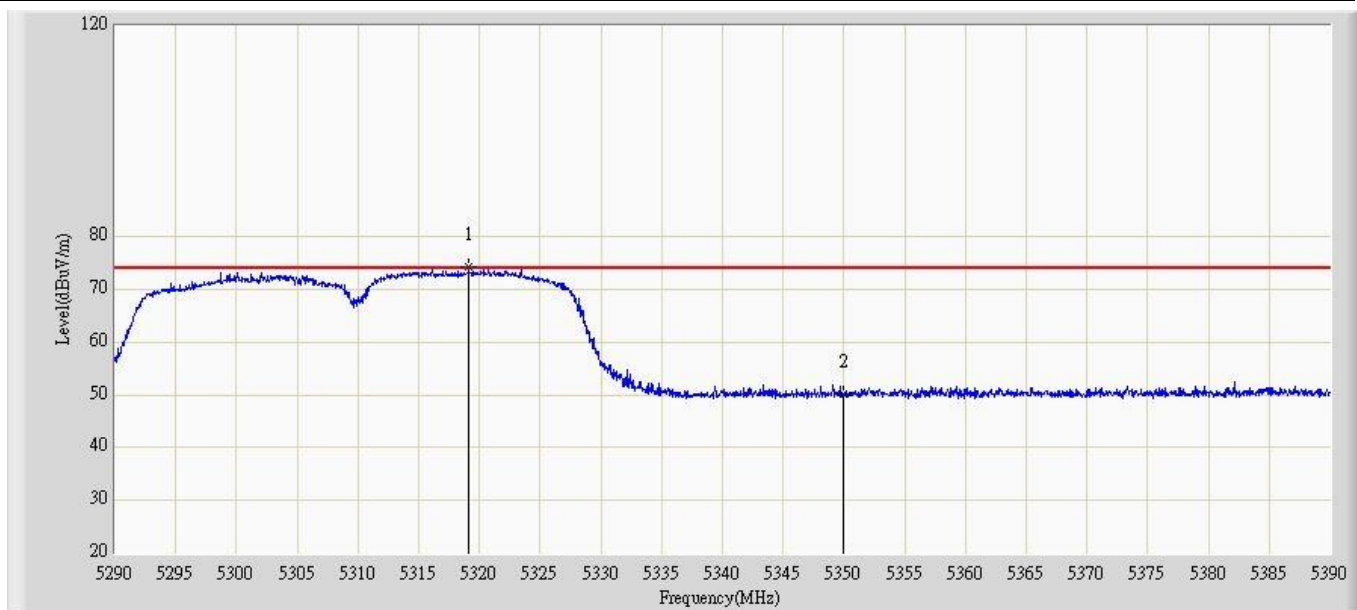
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5312.800	78.673	86.516	N/A	N/A	-7.843	PK
2			5350.000	50.161	57.944	-23.839	74.000	-7.783	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 00:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5310 MHz by 802.11n40 Chain 0+1	



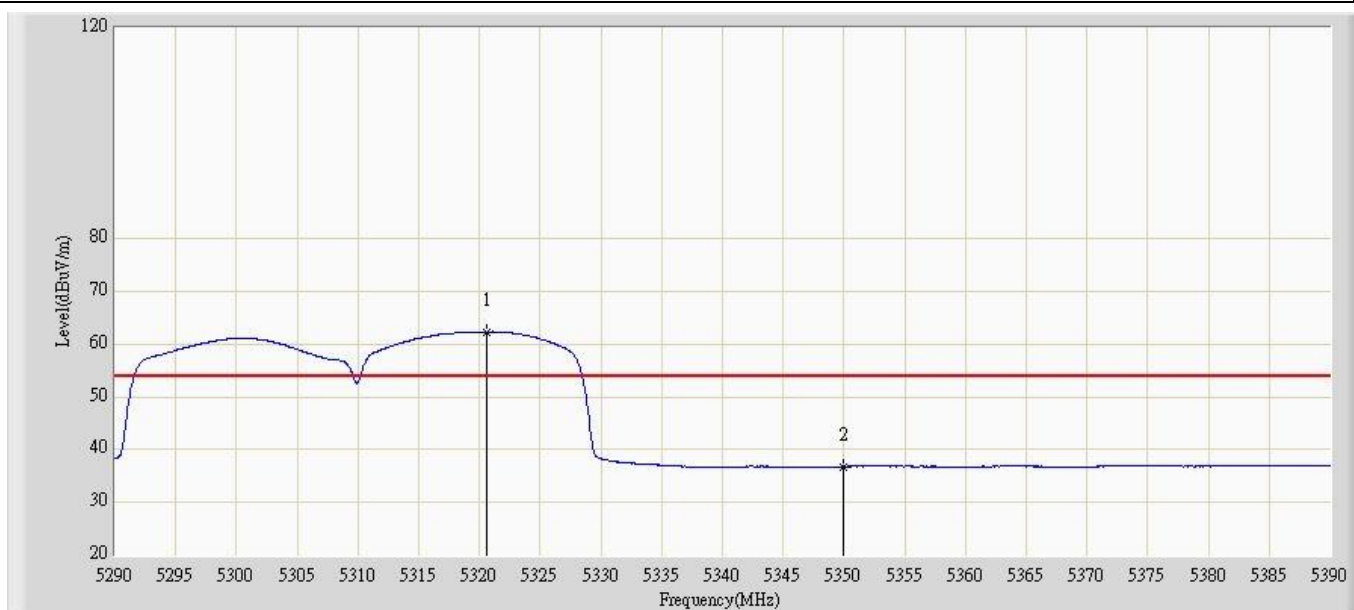
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5314.050	66.581	74.422	N/A	N/A	-7.841	AV
2			5350.000	36.713	44.496	-17.287	54.000	-7.783	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 00:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5310 MHz by 802.11n40 Chain 0+1	



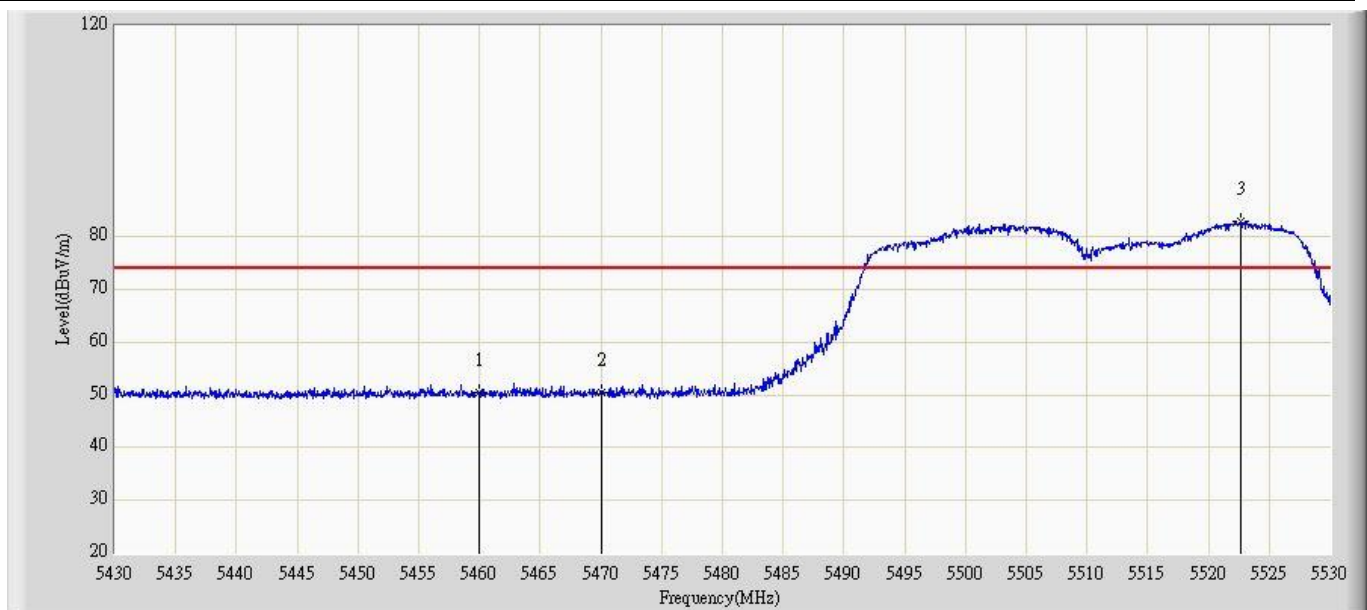
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5319.100	74.281	81.944	N/A	N/A	-7.663	PK
2			5350.000	50.122	57.745	-23.878	74.000	-7.623	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 00:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5310 MHz by 802.11n40 Chain 0+1	



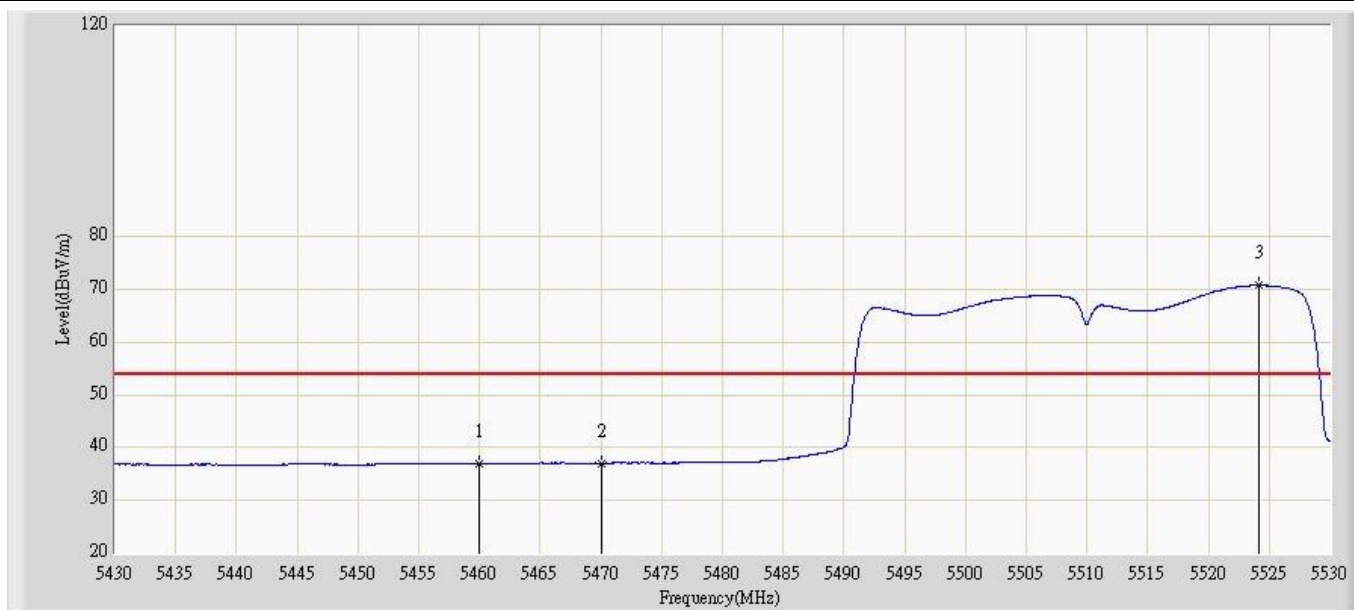
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5320.600	62.326	69.988	N/A	N/A	-7.662	AV
2			5350.000	36.806	44.429	-17.194	54.000	-7.623	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 00:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5510 MHz by 802.11n40 Chain 0+1	



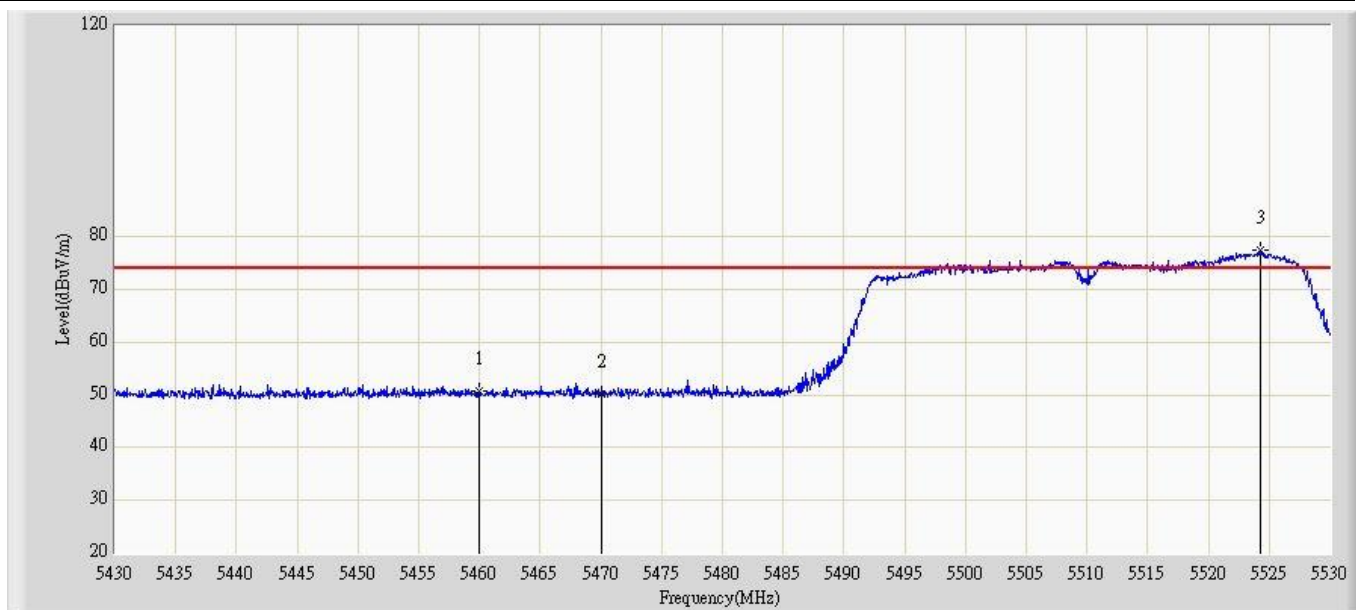
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	50.411	58.032	-23.589	74.000	-7.621	PK
2			5470.000	50.532	58.128	-37.768	88.300	-7.596	PK
3		*	5522.650	82.981	90.514	N/A	N/A	-7.533	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 00:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5510 MHz by 802.11n40 Chain 0+1	



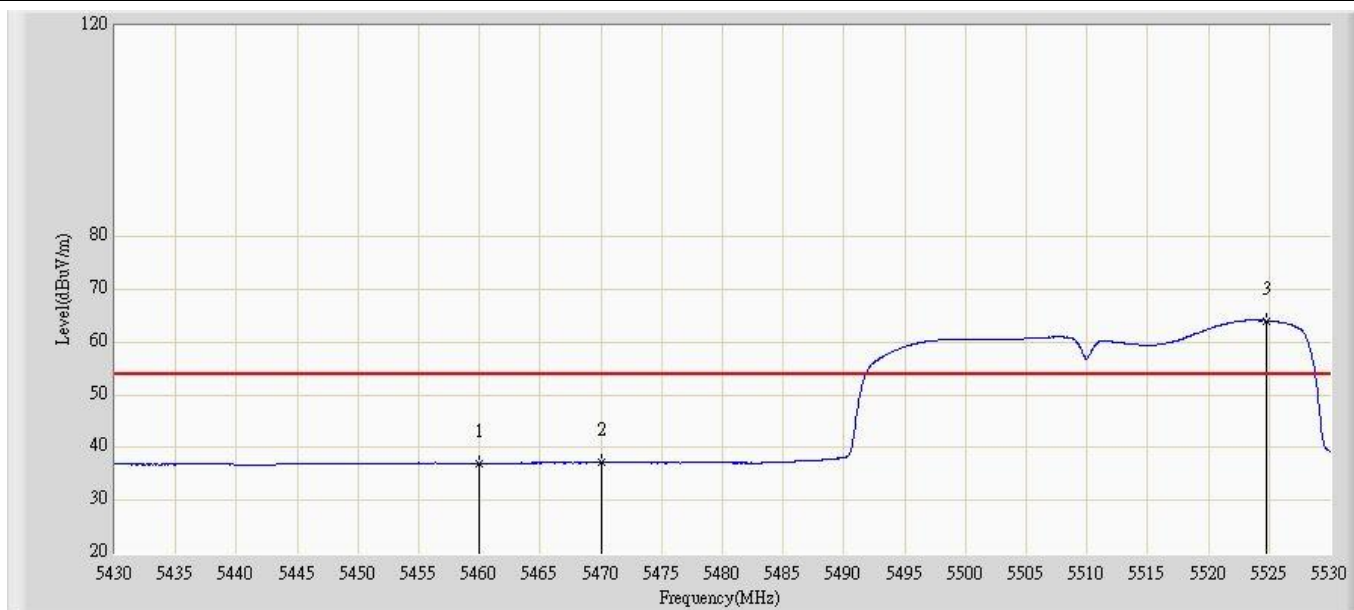
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	36.929	44.550	-17.071	54.000	-7.621	AV
2			5470.000	37.088	44.684	-31.212	68.300	-7.596	AV
3		*	5524.100	70.782	78.312	N/A	N/A	-7.530	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 00:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5510 MHz by 802.11n40 Chain 0+1	



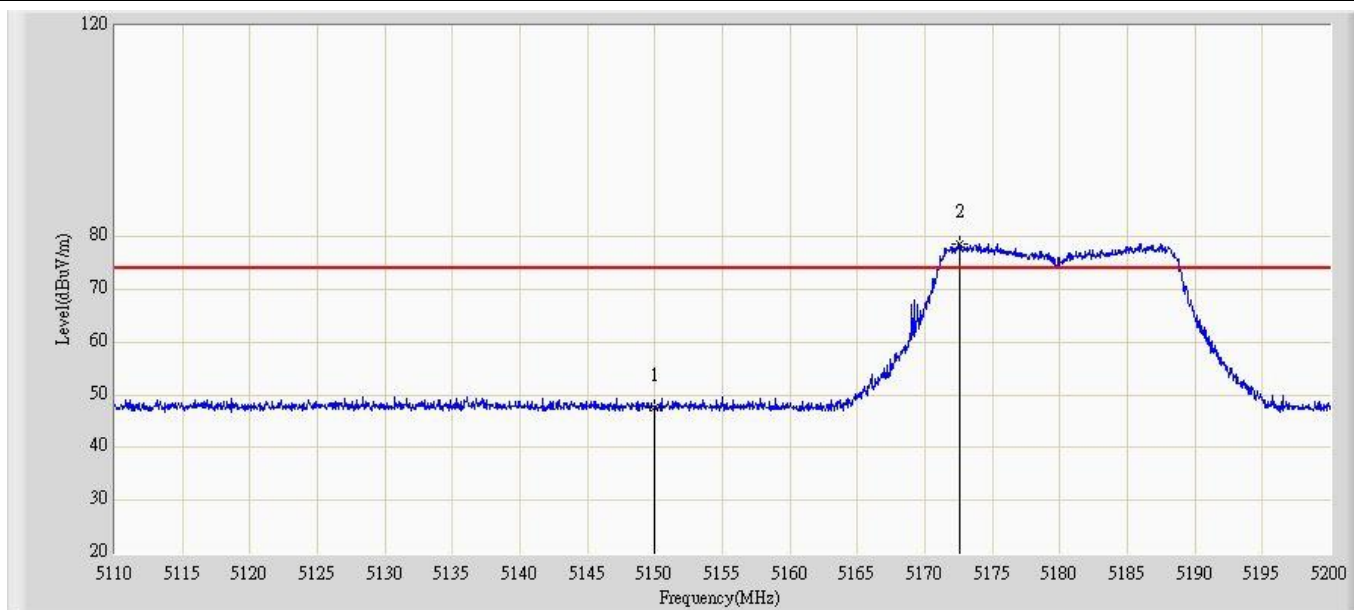
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	50.693	58.198	-23.307	74.000	-7.505	PK
2			5470.000	50.060	57.544	-38.240	88.300	-7.484	PK
3		*	5524.300	77.427	84.866	N/A	N/A	-7.439	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 00:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5510 MHz by 802.11n40 Chain 0+1	



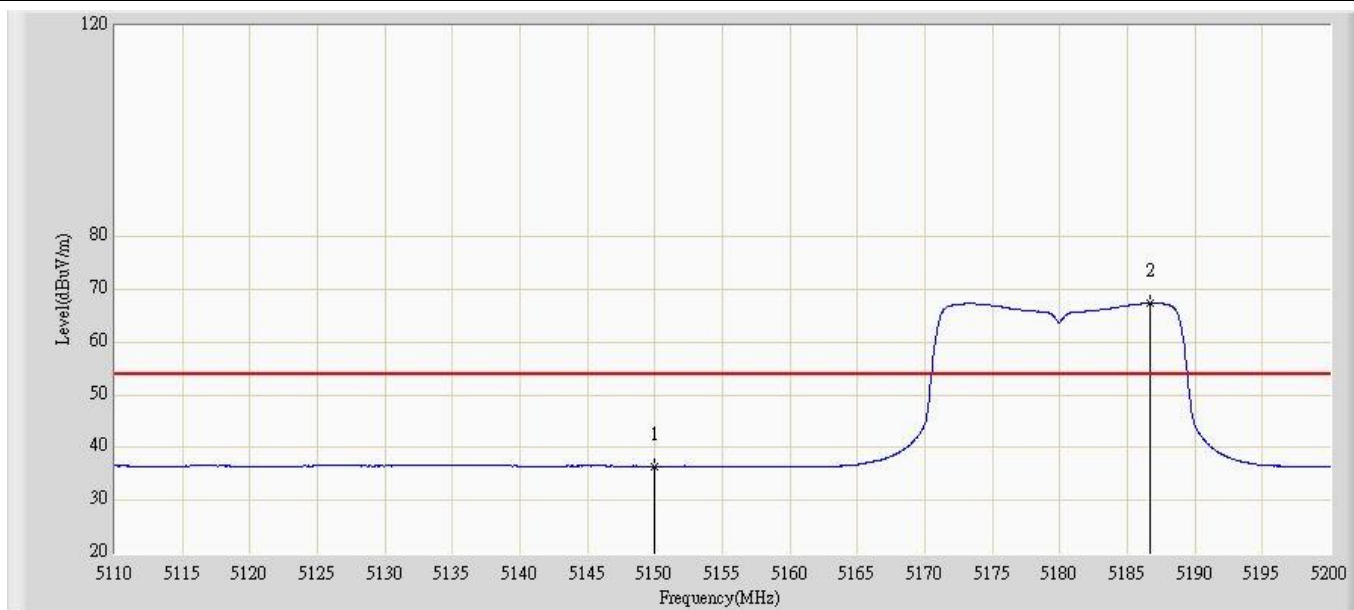
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	37.004	44.509	-16.996	54.000	-7.505	AV
2			5470.000	37.123	44.607	-31.177	68.300	-7.484	AV
3		*	5524.800	64.108	71.546	N/A	N/A	-7.438	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 09:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5180 MHz by 802.11n20 Chain 0+1+2	



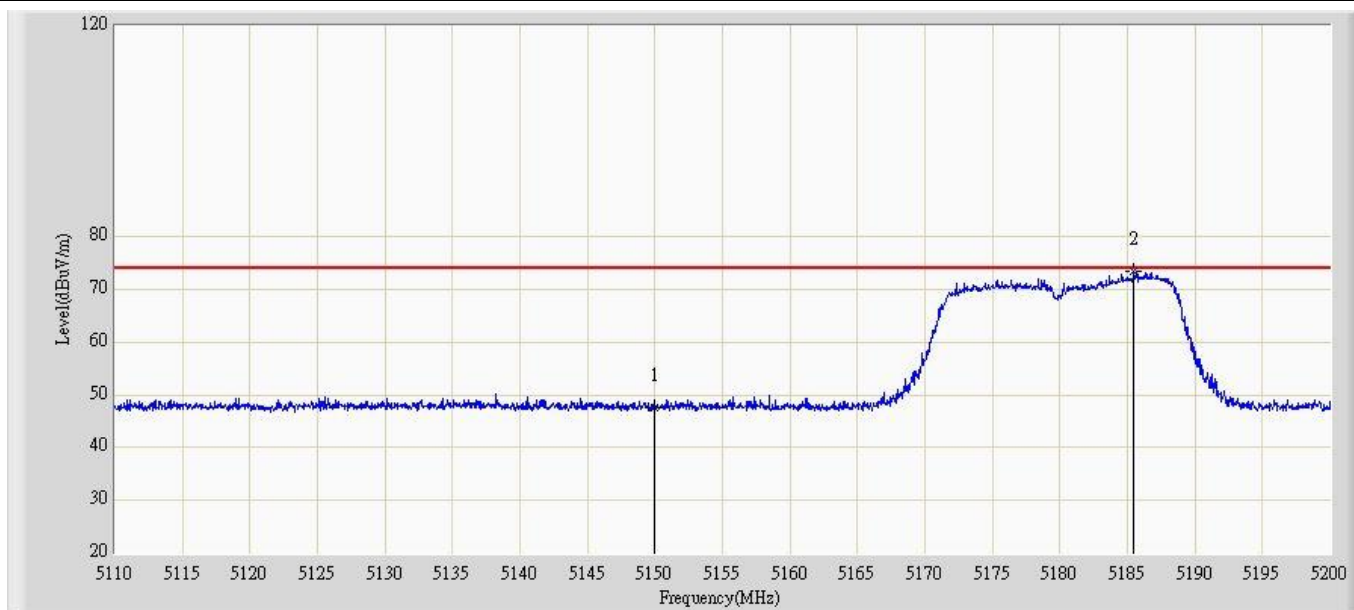
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	47.632	55.716	-26.368	74.000	-8.084	PK
2		*	5172.595	78.635	86.666	N/A	N/A	-8.032	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5180 MHz by 802.11n20 Chain 0+1+2	



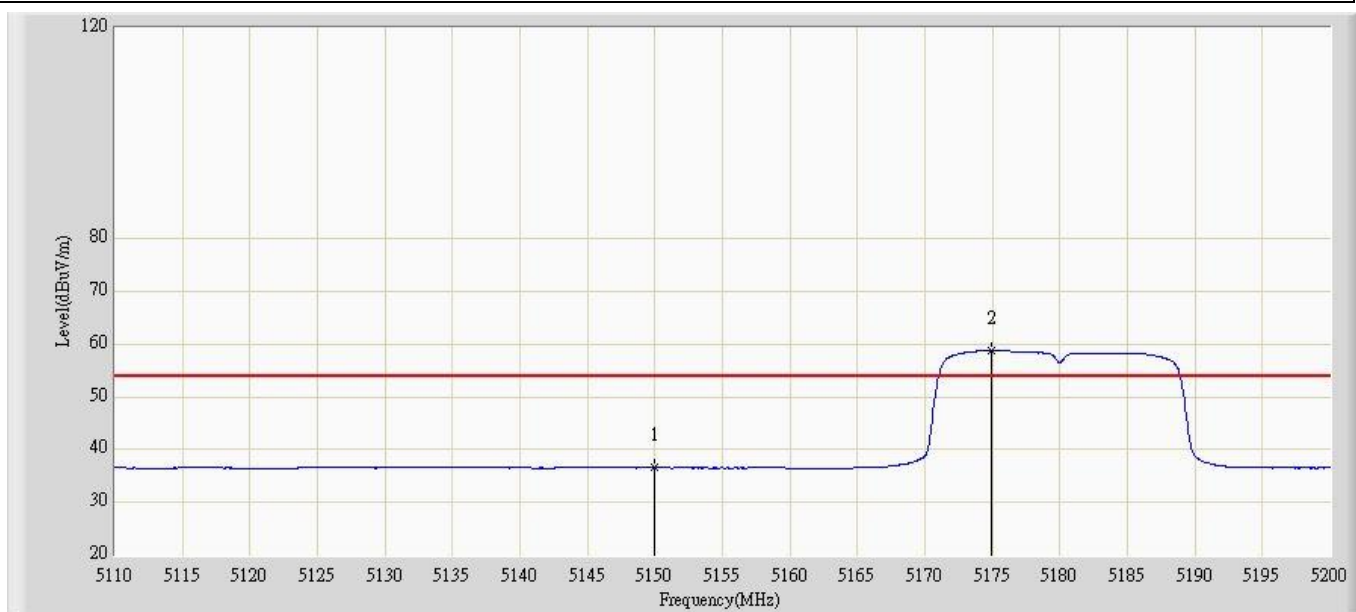
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	36.476	44.560	-17.524	54.000	-8.084	AV
2		*	5186.635	67.383	75.392	N/A	N/A	-8.010	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5180 MHz by 802.11n20 Chain 0+1+2	



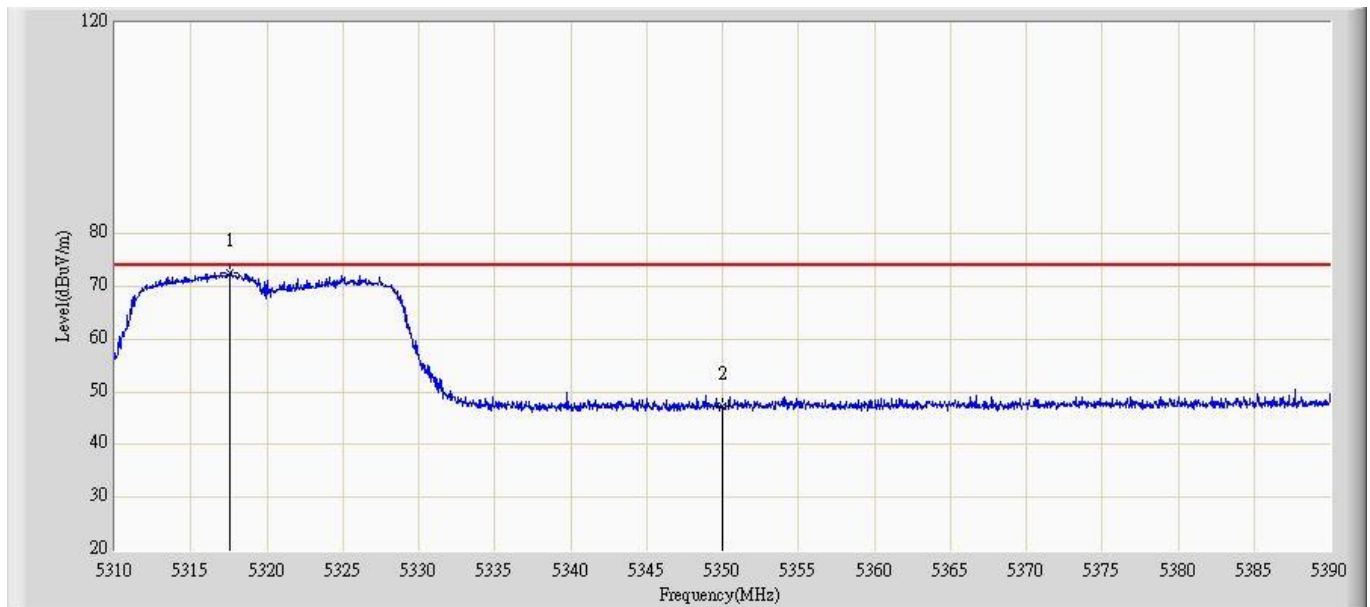
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	47.553	55.597	-26.447	74.000	-8.044	PK
2		*	5185.465	73.474	81.389	N/A	N/A	-7.915	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5180 MHz by 802.11n20 Chain 0+1+2	



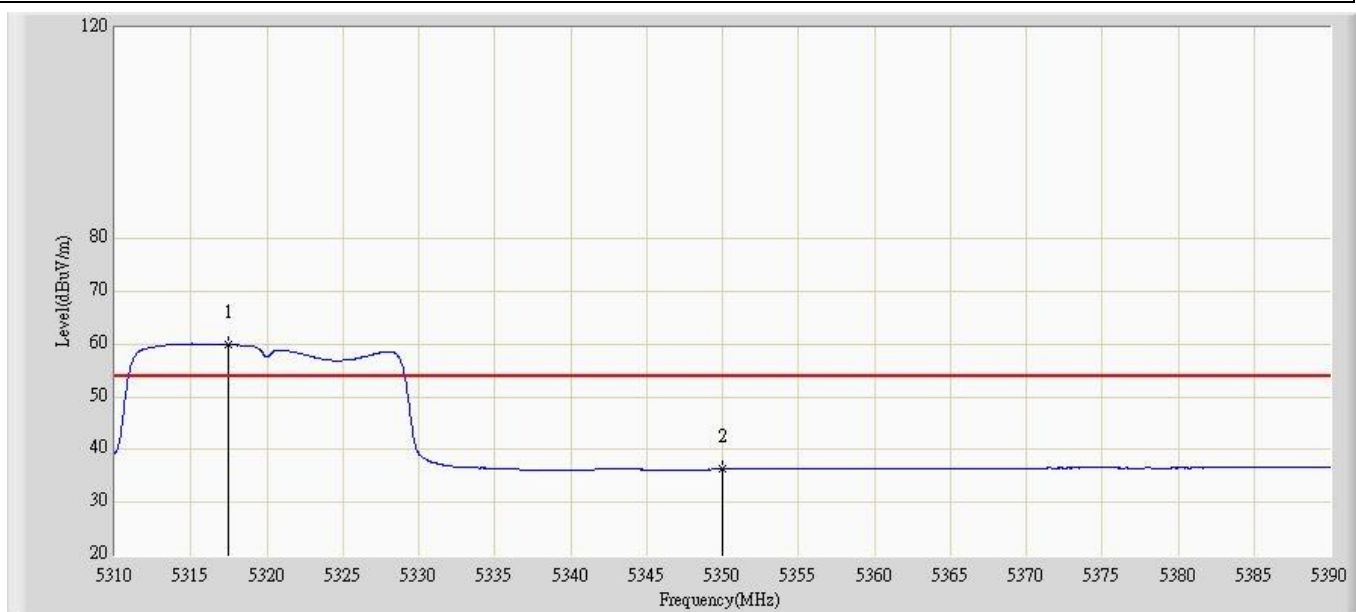
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	36.533	44.577	-17.467	54.000	-8.044	AV
2		*	5174.890	58.750	66.699	N/A	N/A	-7.948	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5320 MHz by 802.11N20 Chain 0+1+2	



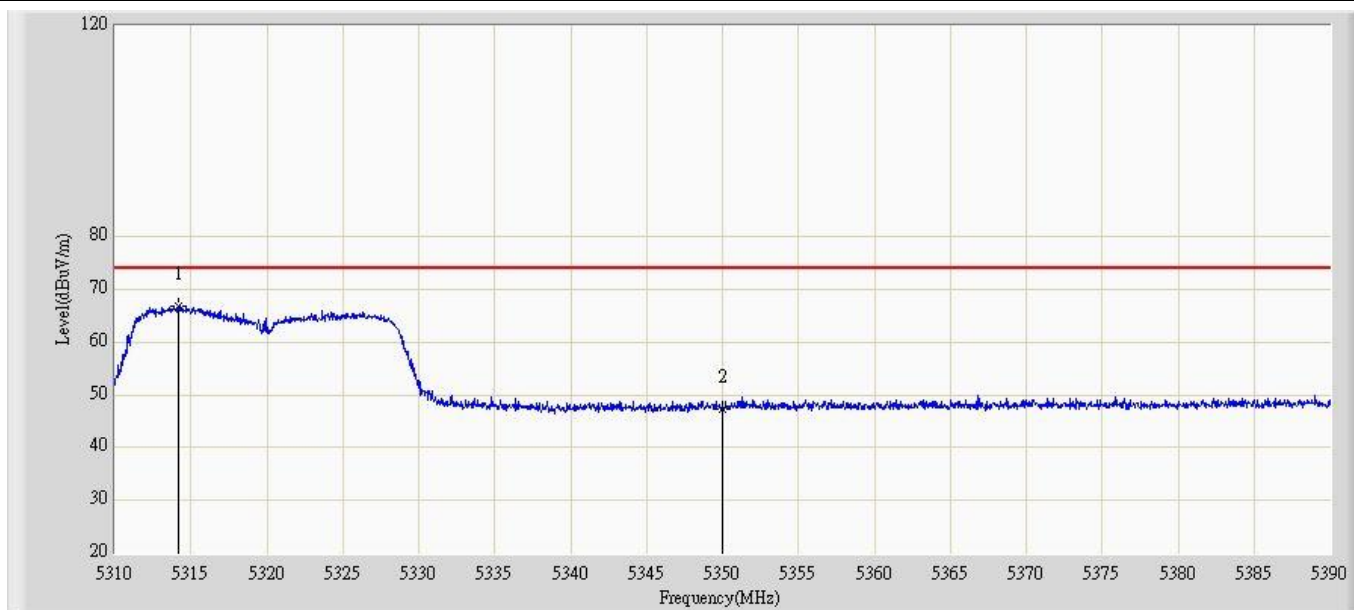
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5317.600	72.705	80.542	N/A	N/A	-7.836	PK
2			5350.000	47.256	55.039	-26.744	74.000	-7.783	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5320 MHz by 802.11N20 Chain 0+1+2	



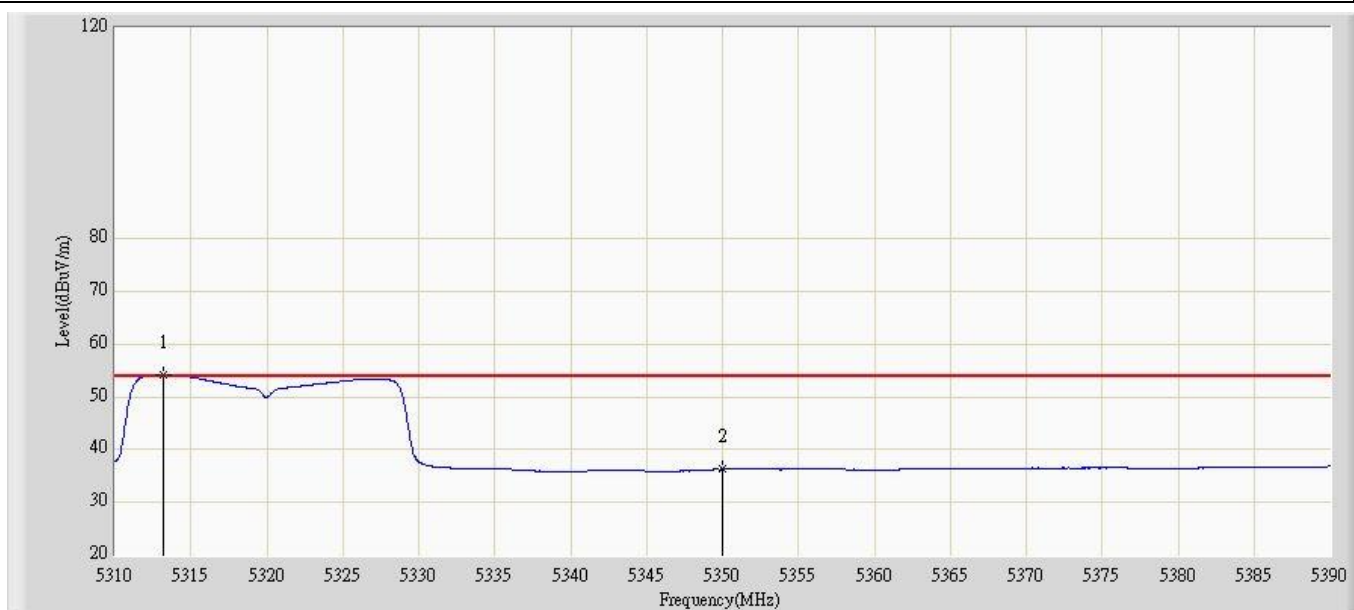
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5317.440	59.937	67.774	N/A	N/A	-7.836	AV
2			5350.000	36.317	44.100	-17.683	54.000	-7.783	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5320 MHz by 802.11N20 Chain 0+1+2	



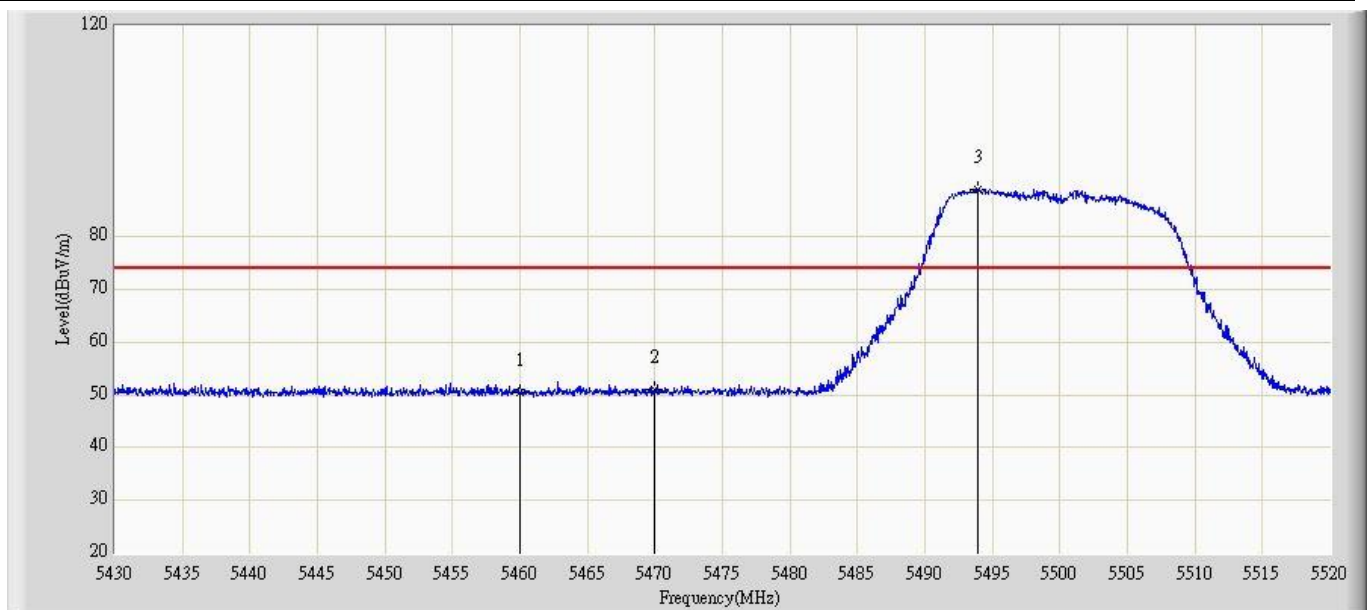
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5314.160	66.786	74.453	N/A	N/A	-7.667	PK
2			5350.000	47.354	54.977	-26.646	74.000	-7.623	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5320 MHz by 802.11N20 Chain 0+1+2	



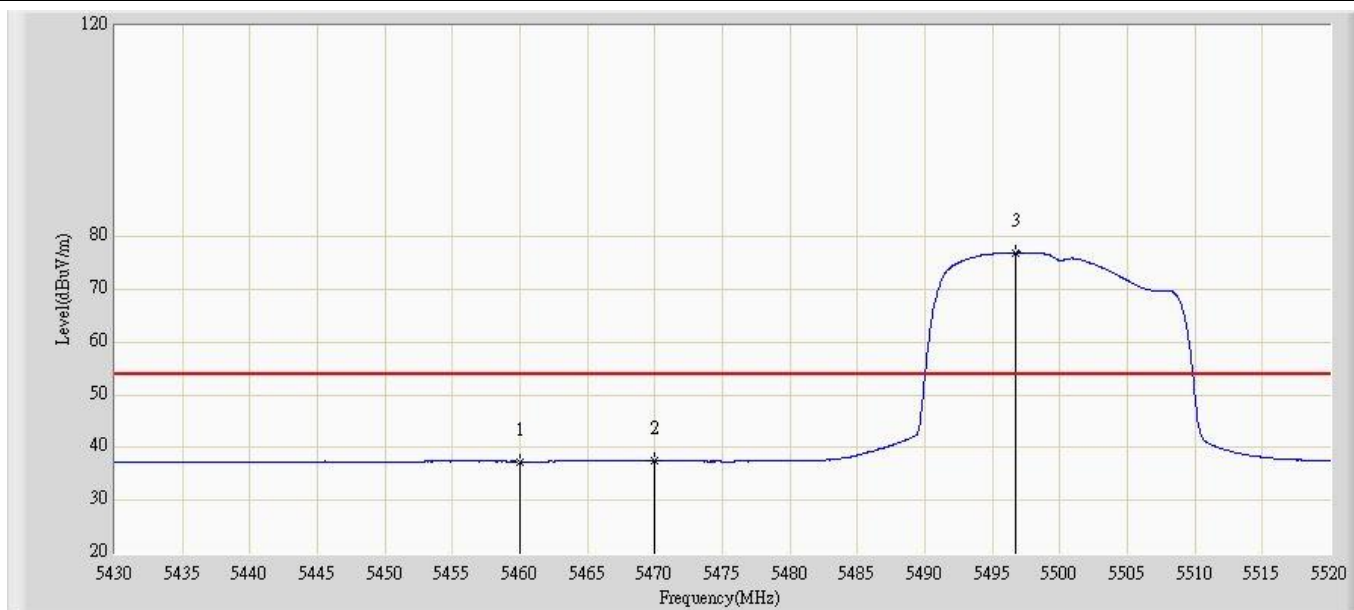
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5313.200	54.242	61.910	N/A	N/A	-7.668	AV
2			5350.000	36.272	43.895	-17.728	54.000	-7.623	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5500 MHz by 802.11n20 Chain 0+1+2	



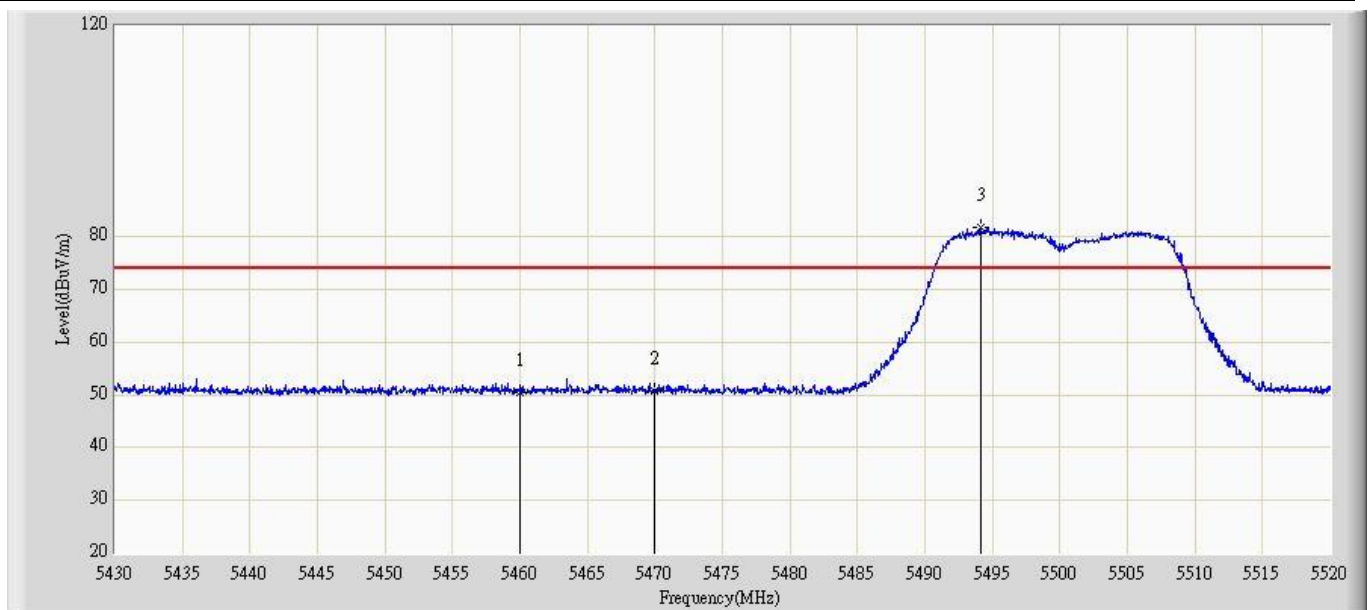
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	50.420	58.041	-23.580	74.000	-7.621	PK
2			5470.000	50.938	58.534	-37.362	88.300	-7.596	PK
3		*	5493.945	89.102	96.680	N/A	N/A	-7.578	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5500 MHz by 802.11n20 Chain 0+1+2	



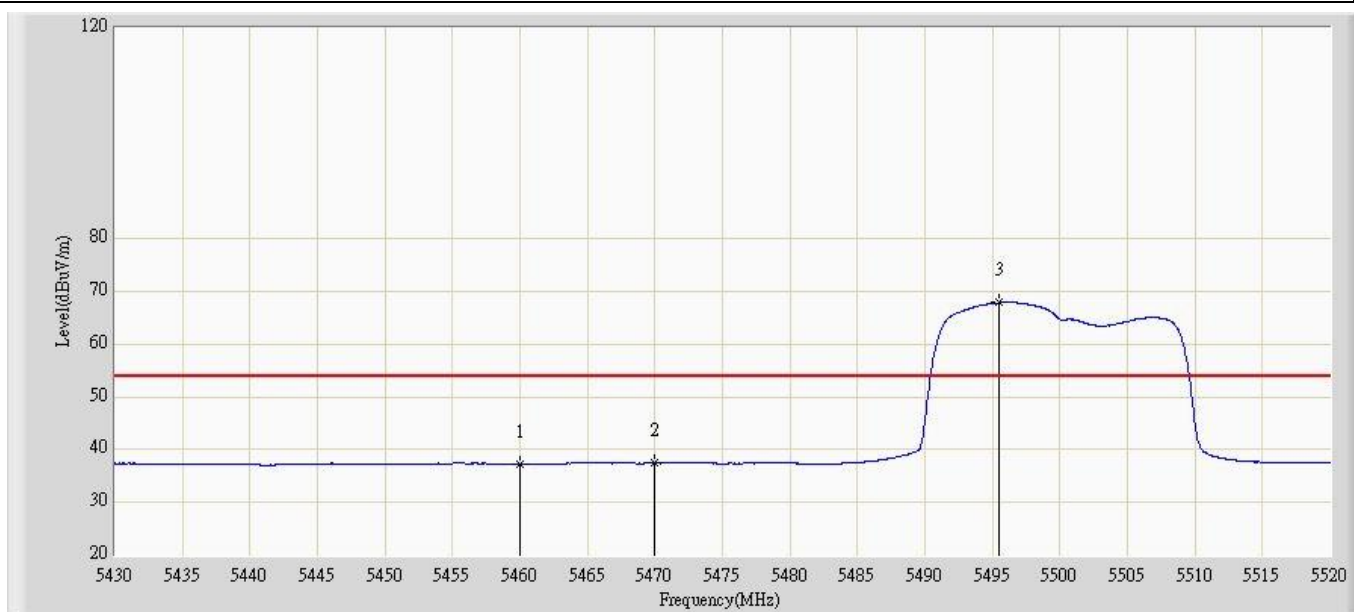
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	37.376	44.997	-16.624	54.000	-7.621	AV
2			5470.000	37.464	45.060	-30.836	68.300	-7.596	AV
3		*	5496.735	77.033	84.610	N/A	N/A	-7.577	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5500 MHz by 802.11n20 Chain 0+1+2	



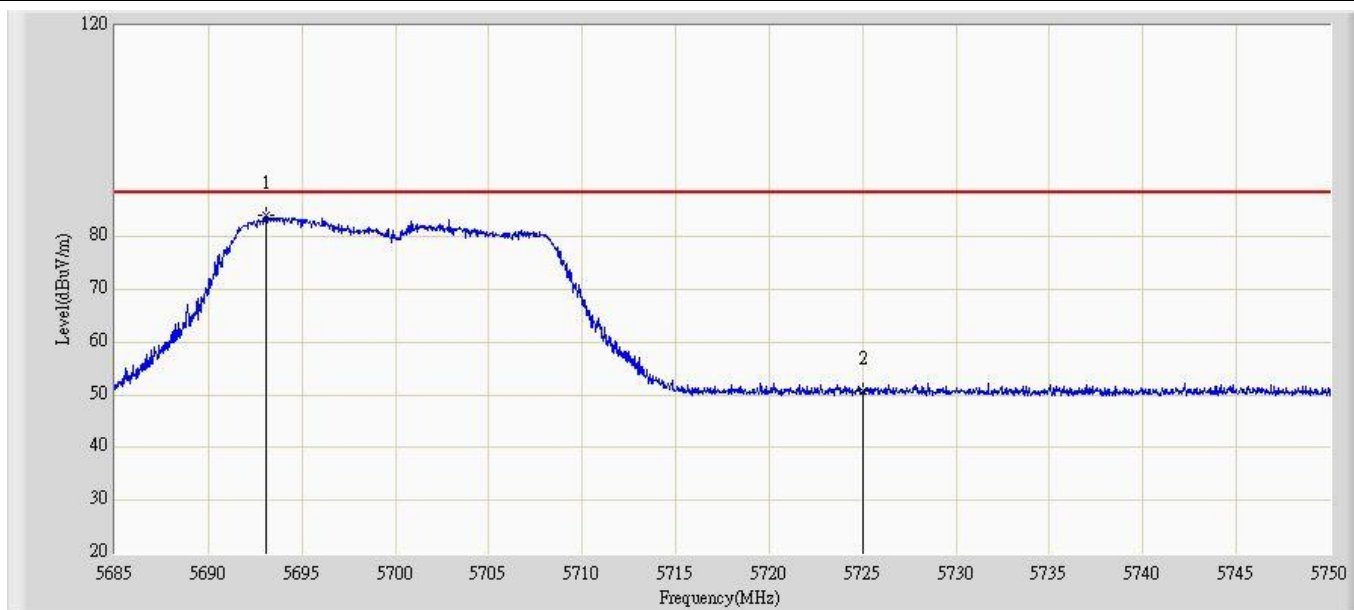
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	50.464	57.969	-23.536	74.000	-7.505	PK
2			5470.000	50.645	58.129	-37.655	88.300	-7.484	PK
3		*	5494.125	81.797	89.272	N/A	N/A	-7.475	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5500 MHz by 802.11n20 Chain 0+1+2	



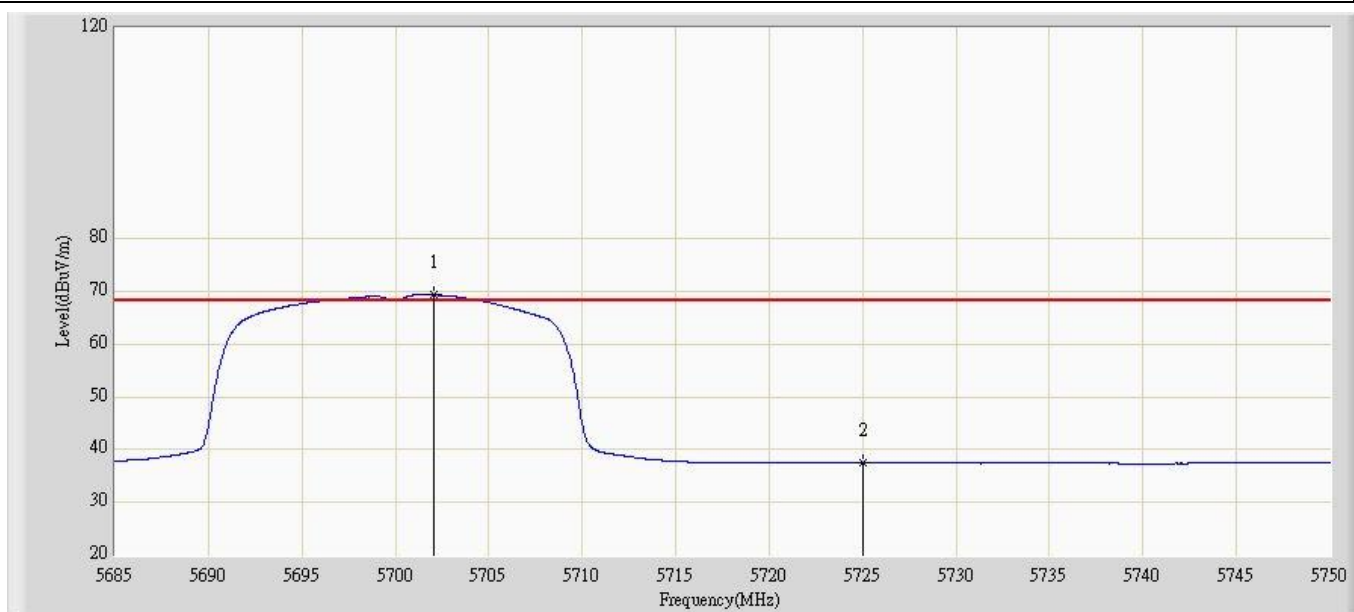
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	37.315	44.820	-16.685	54.000	-7.505	AV
2			5470.000	37.428	44.912	-30.872	68.300	-7.484	AV
3		*	5495.475	67.849	75.324	N/A	N/A	-7.476	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:36
Limit: FCC_Part15.407_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5700 MHz by 802.11n20 Chain 0+1+2	



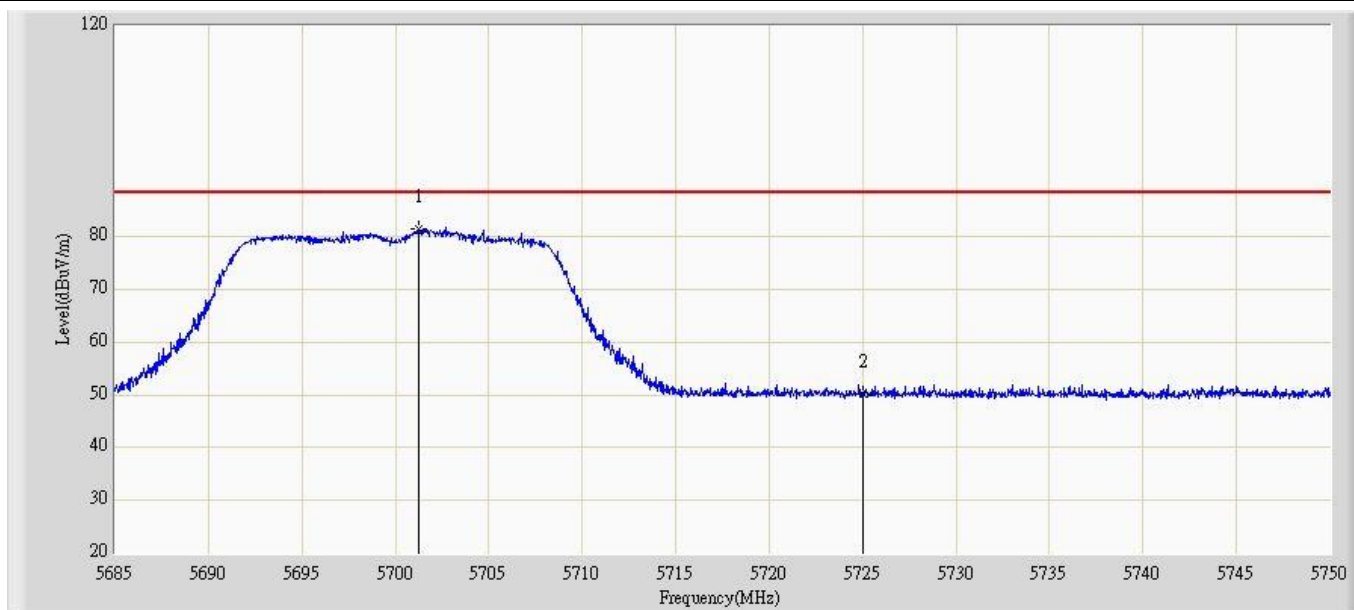
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5693.060	84.061	91.309	N/A	N/A	-7.249	PK
2			5725.000	50.707	57.888	-37.593	88.300	-7.181	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:39
Limit: FCC_Part15.407_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5700 MHz by 802.11n20 Chain 0+1+2	



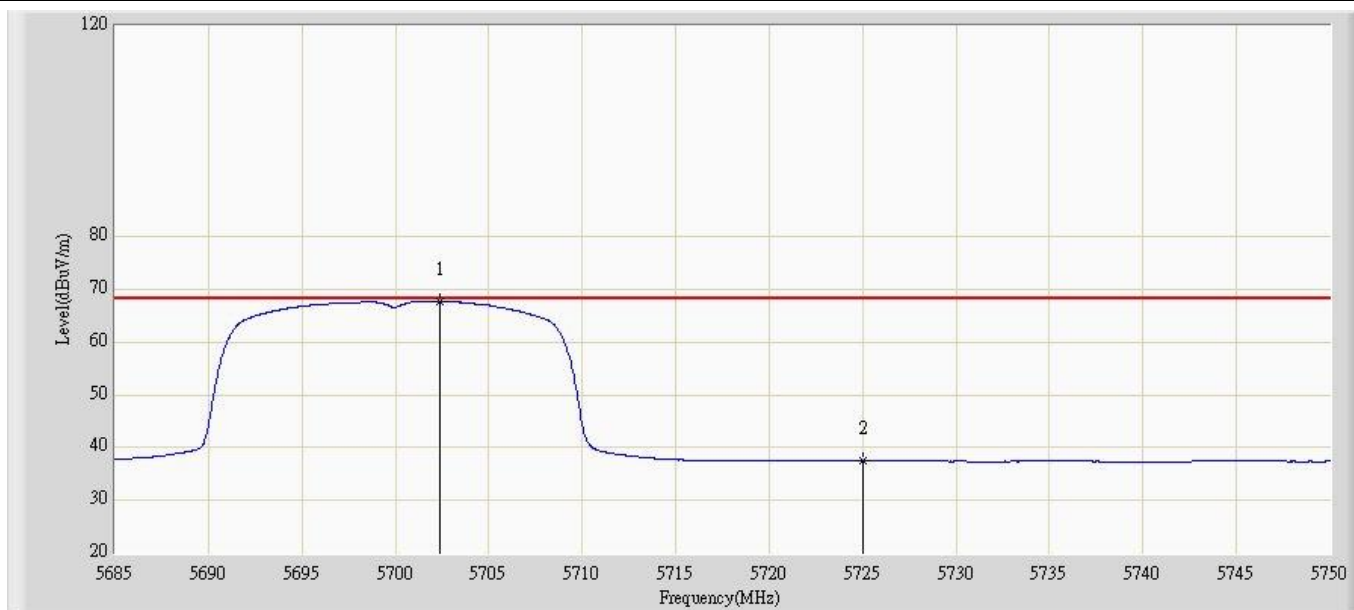
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5702.062	69.350	76.582	N/A	N/A	-7.232	AV
2			5725.000	37.537	44.718	-30.763	68.300	-7.181	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:40
Limit: FCC_Part15.407_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5700 MHz by 802.11n20 Chain 0+1+2	



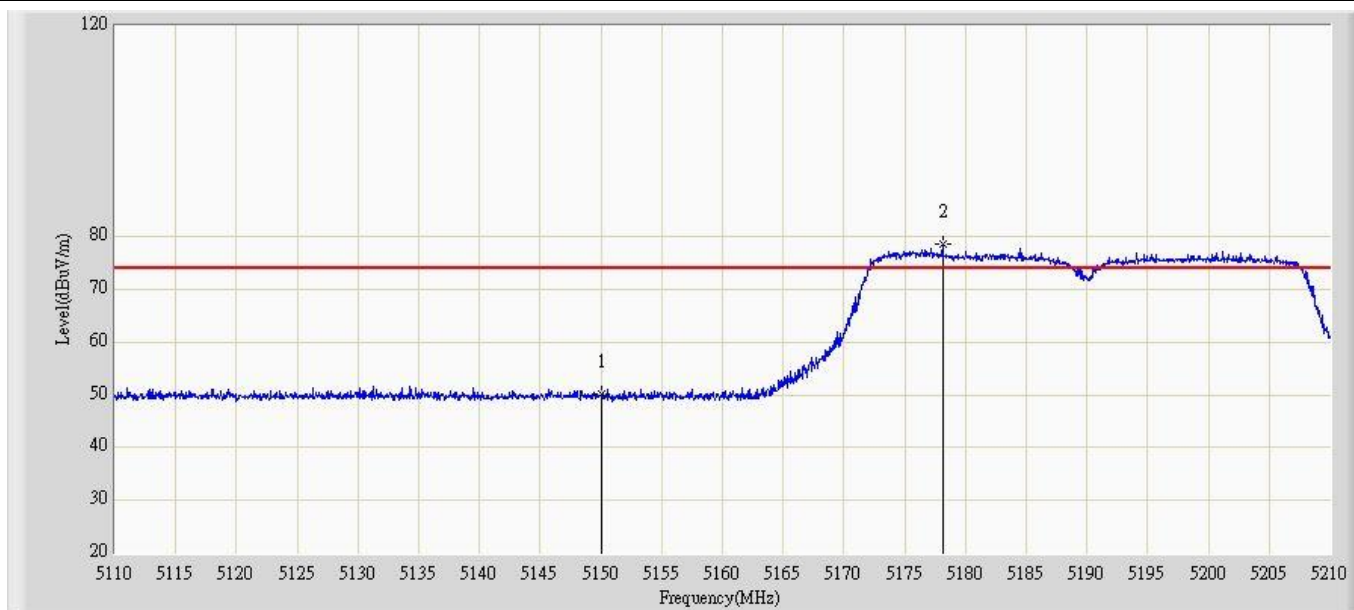
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5701.250	81.414	88.627	N/A	N/A	-7.213	PK
2			5725.000	50.215	57.386	-38.085	88.300	-7.171	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:42
Limit: FCC_Part15.407_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 2: Transmit at channel 5700 MHz by 802.11n20 Chain 0+1+2	



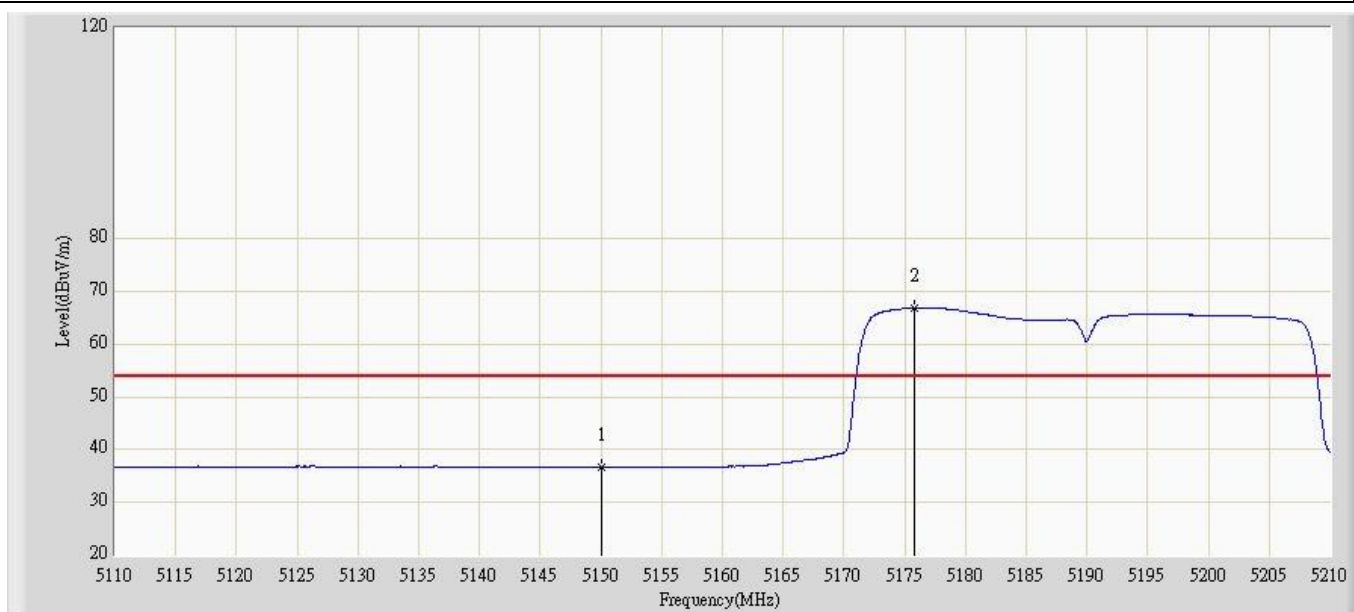
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5702.355	67.781	74.993	N/A	N/A	-7.212	AV
2			5725.000	37.507	44.678	-30.793	68.300	-7.171	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5190 MHz by 802.11n40 Chain 0+1+2	



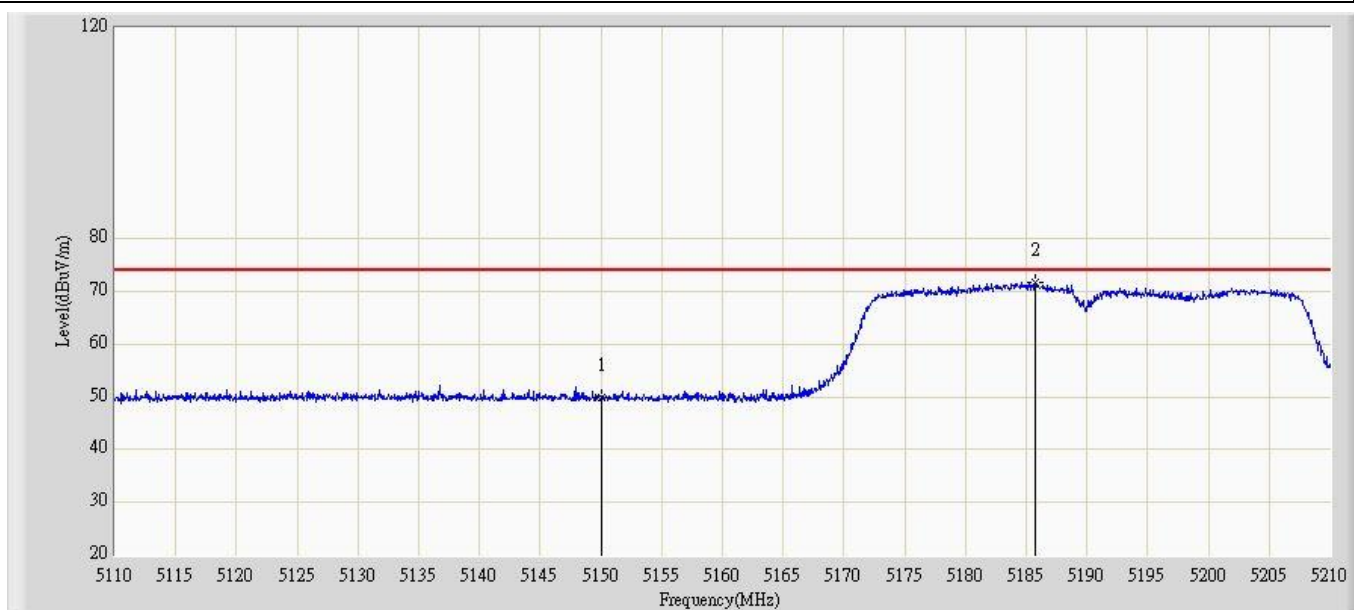
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	50.157	58.241	-23.843	74.000	-8.084	PK
2		*	5178.100	78.552	86.577	N/A	N/A	-8.024	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5190 MHz by 802.11n40 Chain 0+1+2	



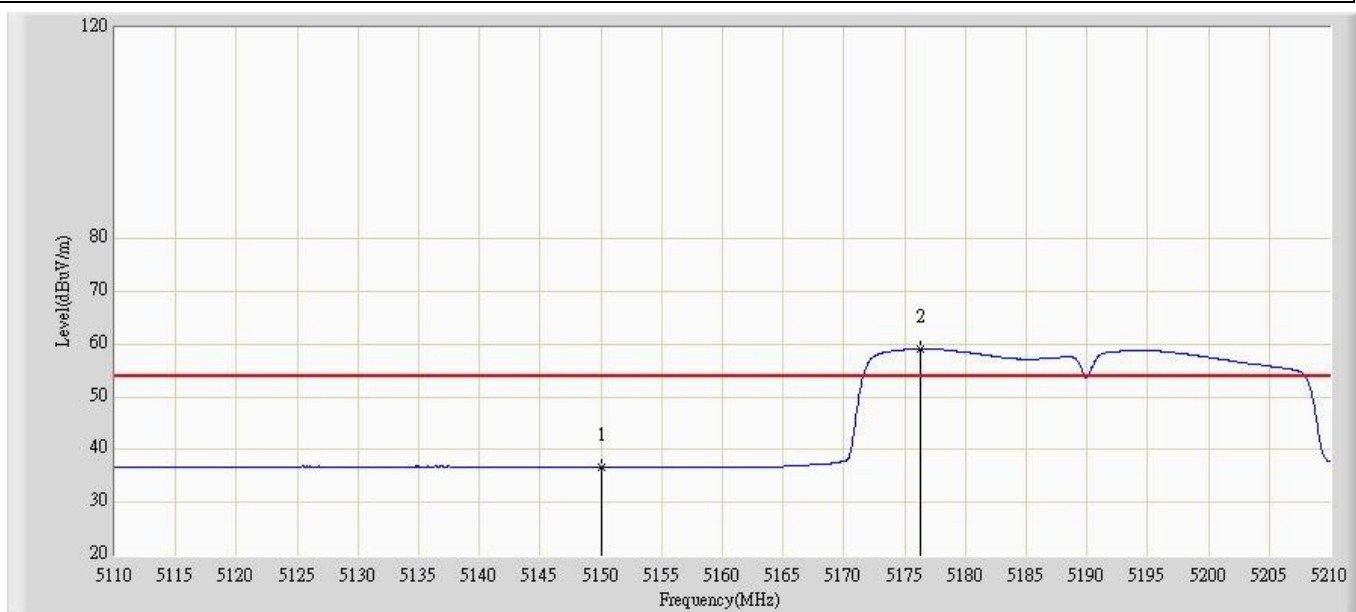
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	36.659	44.743	-17.341	54.000	-8.084	AV
2		*	5175.750	66.919	74.946	N/A	N/A	-8.028	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 10:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5190 MHz by 802.11n40 Chain 0+1+2	



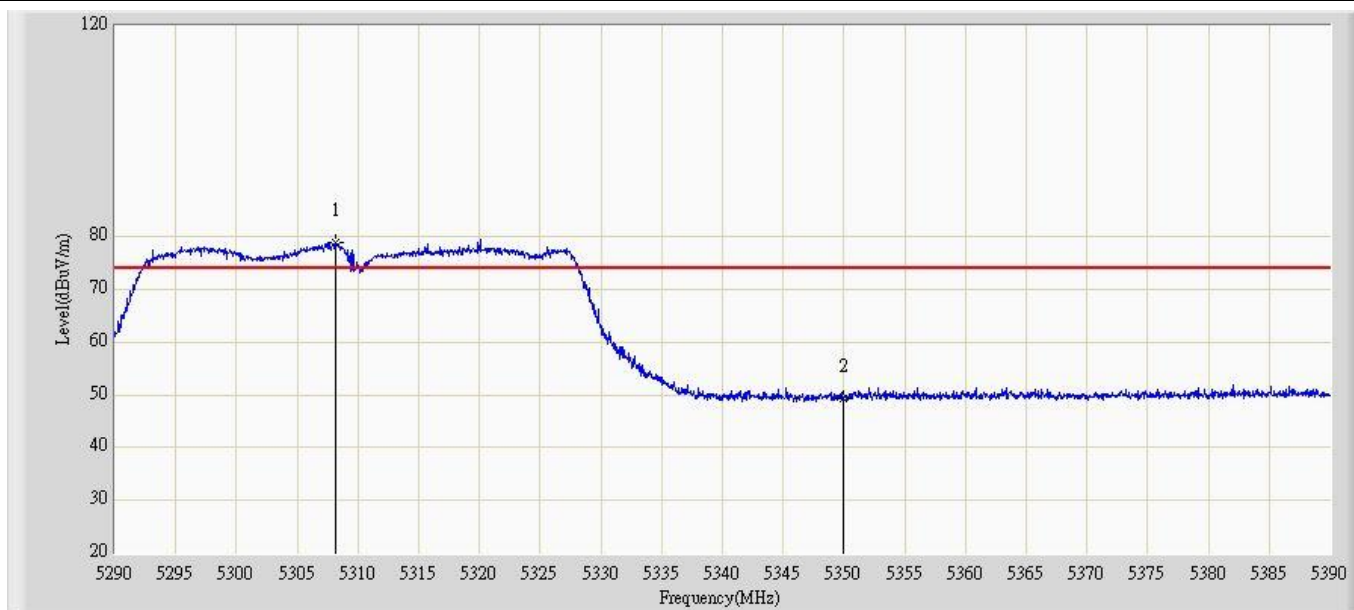
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	49.767	57.811	-24.233	74.000	-8.044	PK
2		*	5185.700	71.732	79.646	N/A	N/A	-7.915	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 11:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5190 MHz by 802.11n40 Chain 0+1+2	



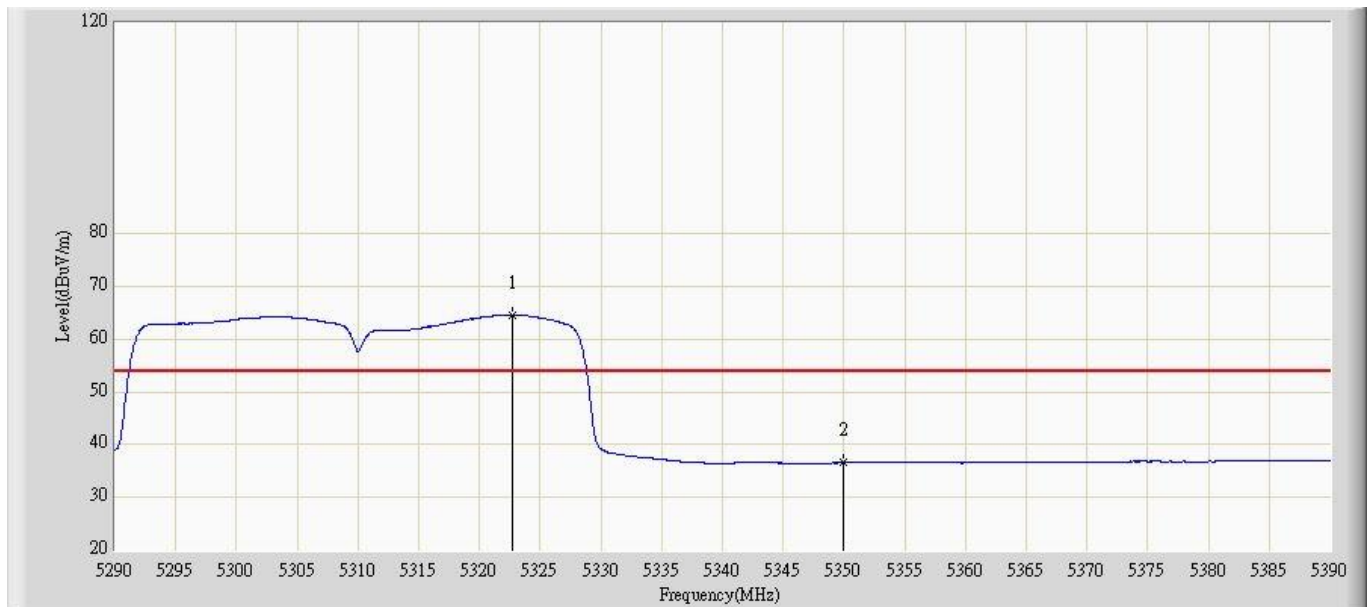
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	36.694	44.738	-17.306	54.000	-8.044	AV
2		*	5176.350	59.082	67.027	N/A	N/A	-7.944	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 11:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5310 MHz by 802.11n40 Chain 0+1+2	



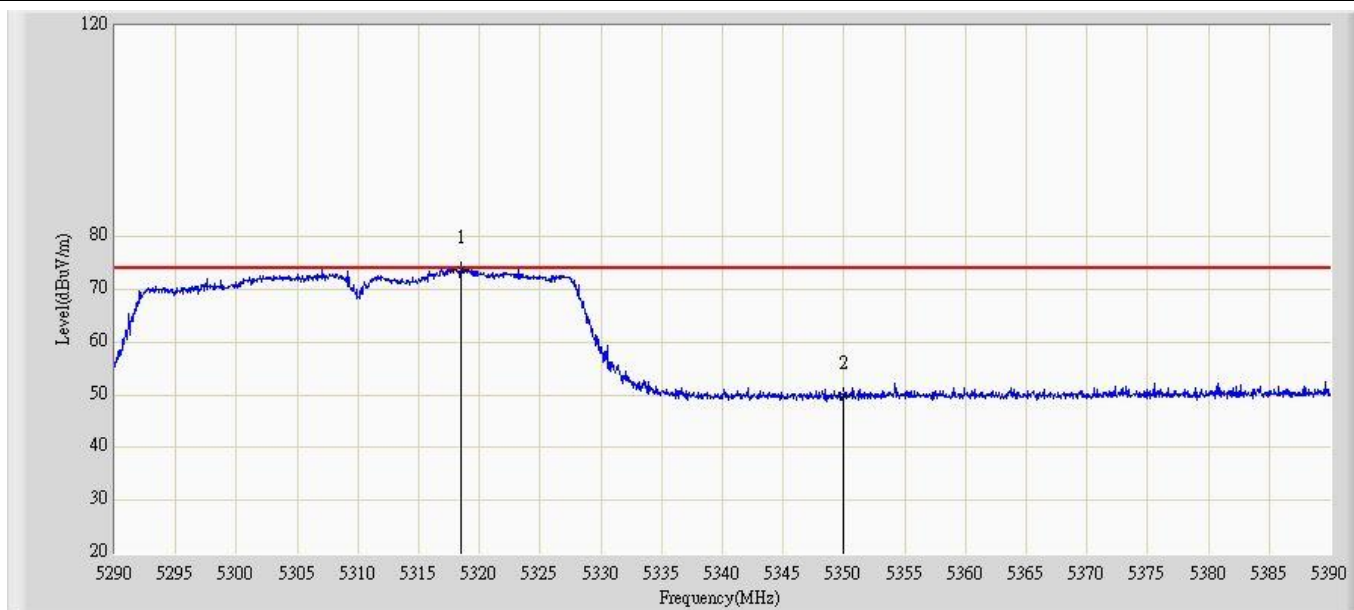
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5308.100	79.049	86.898	N/A	N/A	-7.850	PK
2			5350.000	49.362	57.145	-24.638	74.000	-7.783	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 11:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5310 MHz by 802.11n40 Chain 0+1+2	



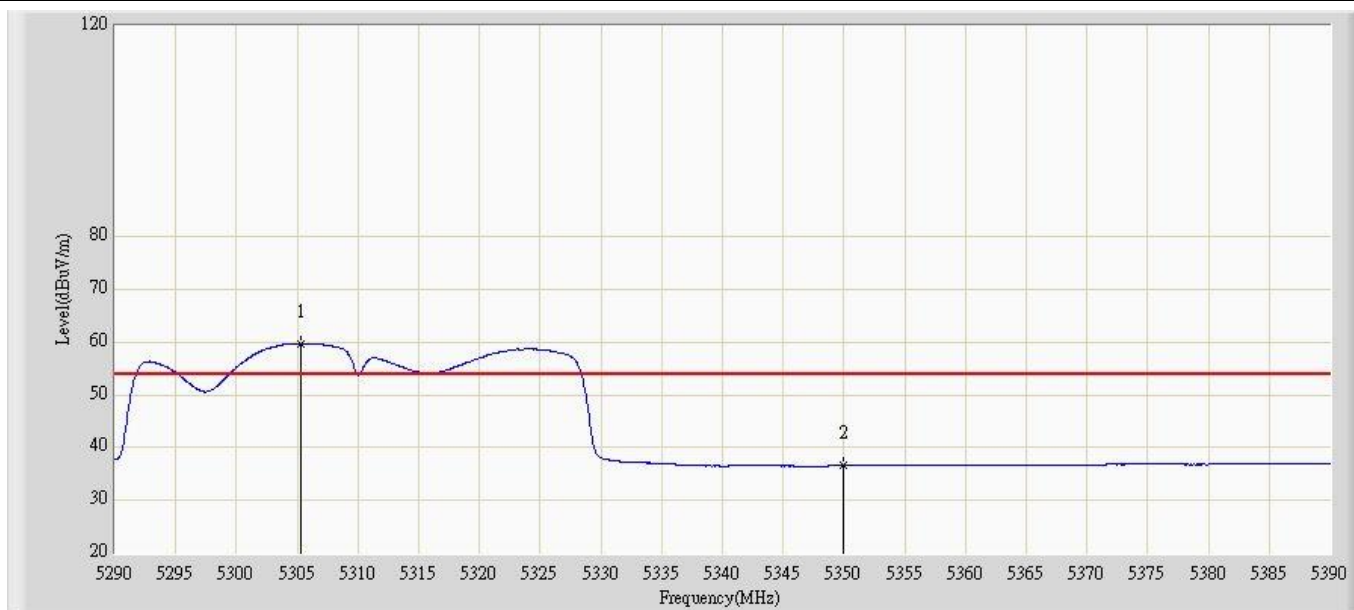
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5322.750	64.575	72.407	N/A	N/A	-7.832	AV
2			5350.000	36.568	44.351	-17.432	54.000	-7.783	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 11:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5310 MHz by 802.11n40 Chain 0+1+2	



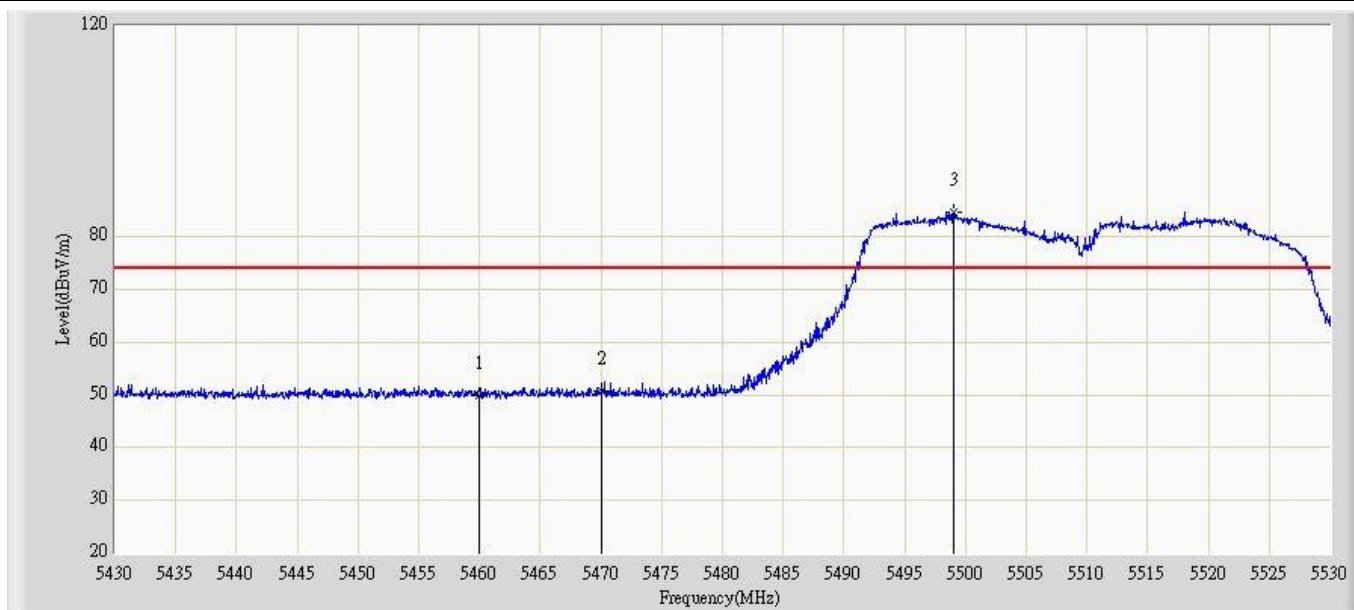
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5318.450	73.808	81.471	N/A	N/A	-7.663	PK
2			5350.000	49.886	57.509	-24.114	74.000	-7.623	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 11:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5310 MHz by 802.11n40 Chain 0+1+2	



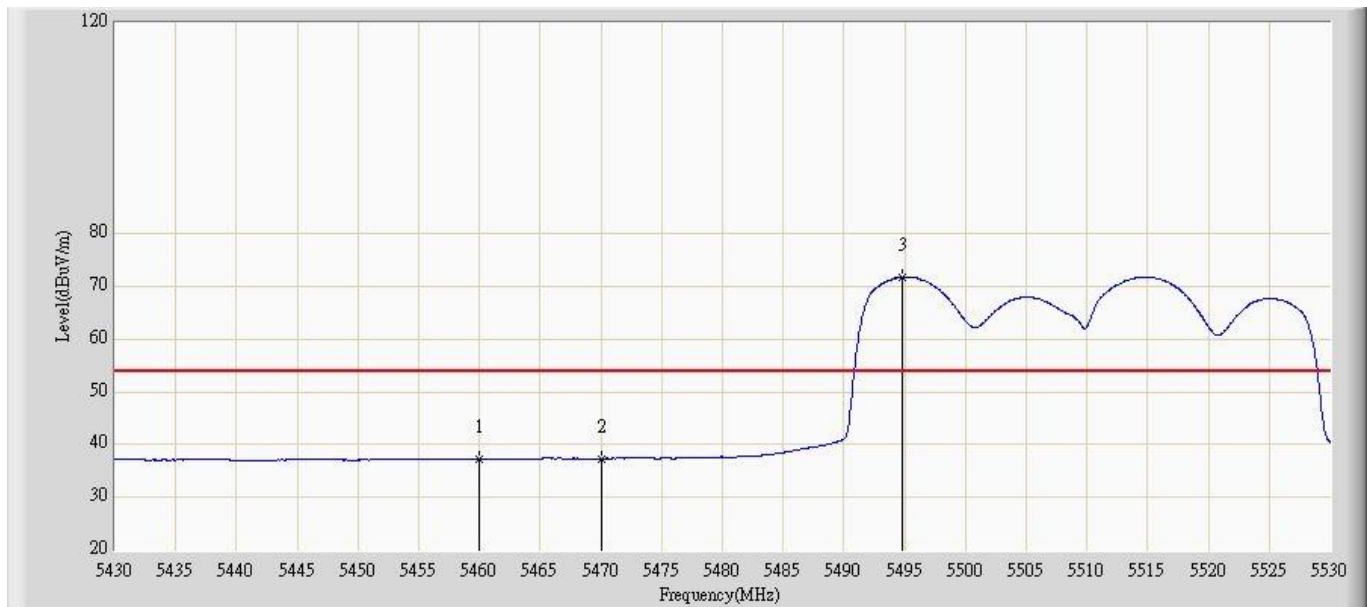
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5305.350	59.735	67.411	N/A	N/A	-7.675	AV
2			5350.000	36.605	44.228	-17.395	54.000	-7.623	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 11:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5510 MHz by 802.11n40 Chain 0+1+2	



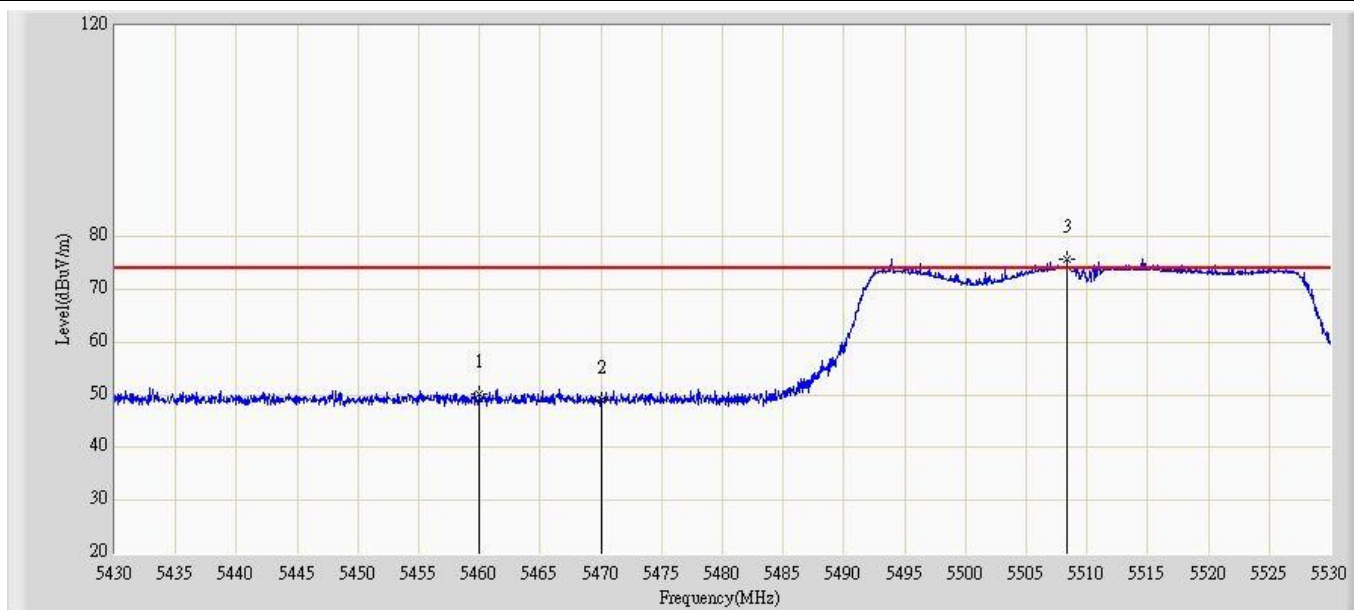
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	49.927	57.548	-24.073	74.000	-7.621	PK
2			5470.000	50.745	58.341	-37.555	88.300	-7.596	PK
3		*	5499.000	84.518	92.094	N/A	N/A	-7.577	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 11:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Vertical
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5510 MHz by 802.11n40 Chain 0+1+2	



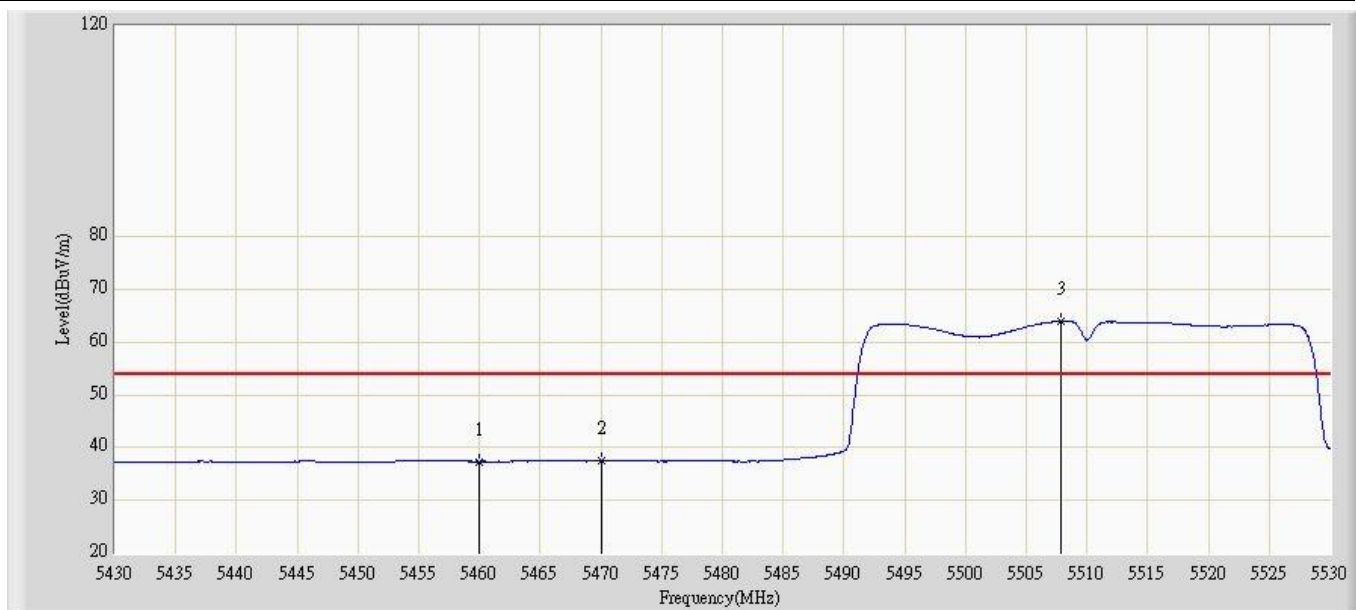
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	37.257	44.878	-16.743	54.000	-7.621	AV
2			5470.000	37.350	44.946	-30.950	68.300	-7.596	AV
3		*	5494.800	71.738	79.316	N/A	N/A	-7.578	AV

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 11:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5510 MHz by 802.11n40 Chain 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	50.111	57.616	-23.889	74.000	-7.505	PK
2			5470.000	48.895	56.379	-39.405	88.300	-7.484	PK
3		*	5508.350	75.773	83.242	N/A	N/A	-7.469	PK

Engineer: Brgant	
Site: AC5	Time: 2013/04/16 - 11:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_988(1-18GHz)	Polarity: Horizontal
EUT: WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER	Power: AC 120V/60Hz
Note: Mode 3: Transmit at channel 5510 MHz by 802.11n40 Chain 0+1+2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5460.000	37.376	44.881	-16.624	54.000	-7.505	AV
2			5470.000	37.431	44.915	-30.869	68.300	-7.484	AV
3		*	5507.850	63.960	71.430	N/A	N/A	-7.470	AV

11. Frequency Stability

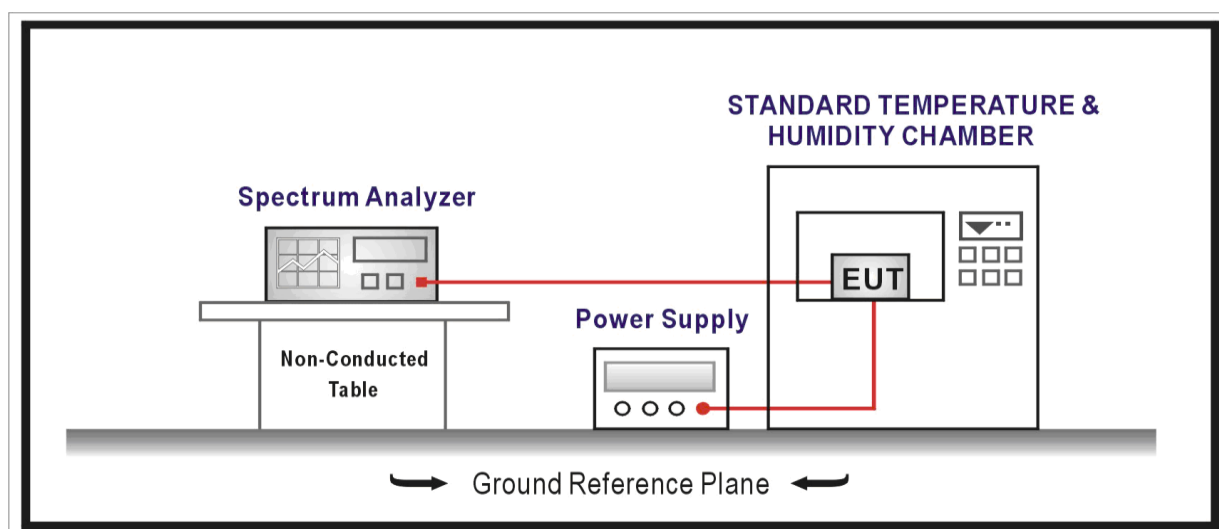
11.1. Test Equipment

Frequency Stability / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cali. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2014.01.21
AC Power Supply	IDRC	CF-500TP	979422	2013.09.17
DC Power Supply	IDRC	CD-035-020PR	977272	2013.09.17
Programmable Temperature & Humidity Chamber	Gaoyu	TH-1P-B	WIT-05121302	2014.01.13
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2014.05.07

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

11.2. Test Setup



11.3. Limit

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

11.4. Test Procedure

Frequency Stability Under Temperature Variations:

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ($\pm 15\%$) and endpoint, record the maximum frequency change.

11.5. Uncertainty

The measurement uncertainty is defined as ± 100 Hz

11.6. Test Result

Product	:	WIRELESS-ABGN 3X3 NETWORK MINI PCIE ADAPTER
Test Item	:	Frequency Stability
Test Site	:	TR-8
Test Mode	:	Carrier Transmit

Operating Frequency	Temp (°C)	Voltage (AC)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
36	-10	102	2.44	2.44	2.48	2.47
		120	2.02	2.02	2.01	2.01
		138	2.23	2.21	2.20	2.16
	20	102	2.44	2.44	2.48	2.47
		120	2.01	2.01	2.00	2.01
		138	2.22	2.20	2.20	2.19
	55	102	2.37	2.36	2.36	2.35
		120	2.02	2.01	2.00	2.01
		138	2.27	2.24	2.24	2.22
40	-10	102	2.45	2.44	2.45	2.48
		120	2.04	2.02	2.04	2.03
		138	2.27	2.21	2.25	2.2
	20	102	2.49	2.44	2.49	2.52
		120	2.04	2.01	2.04	2.04
		138	2.24	2.20	2.22	2.21
	55	102	2.43	2.36	2.42	2.41
		120	2.05	2.01	2.04	2.04
		138	2.31	2.24	2.28	2.26
48	-10	102	2.45	2.44	2.45	2.48
		120	2.05	2.02	2.05	2.04
		138	2.24	2.21	2.22	2.17
	20	102	2.49	2.44	2.49	2.52
		120	2.03	2.01	2.03	2.03
		138	2.26	2.20	2.24	2.23
	55	102	2.4	2.36	2.39	2.38
		120	2.06	2.01	2.05	2.05
		138	2.29	2.24	2.26	2.24

52	-10	102	2.47	2.44	2.47	2.47
		120	2.03	2.02	2.03	2.01
		138	2.28	2.21	2.26	2.16
	20	102	2.46	2.44	2.46	2.47
		120	2.05	2.01	2.05	2.01
		138	2.25	2.20	2.23	2.19
	55	102	2.43	2.36	2.42	2.35
		120	2.05	2.01	2.04	2.01
		138	2.31	2.24	2.28	2.22
60	-10	102	2.45	2.44	2.45	2.47
		120	2.05	2.02	2.05	2.01
		138	2.24	2.21	2.22	2.16
	20	102	2.49	2.44	2.49	2.47
		120	2.03	2.01	2.03	2.01
		138	2.26	2.20	2.24	2.19
	55	102	2.4	2.36	2.39	2.35
		120	2.06	2.01	2.05	2.01
		138	2.29	2.24	2.26	2.22
64	-10	102	2.47	2.44	2.47	2.47
		120	2.04	2.02	2.04	2.01
		138	2.29	2.21	2.27	2.16
	20	102	2.47	2.44	2.47	2.47
		120	2.05	2.01	2.05	2.01
		138	2.23	2.20	2.21	2.19
	55	102	2.4	2.36	2.39	2.35
		120	2.03	2.01	2.02	2.01
		138	2.32	2.24	2.29	2.22
100	-10	102	2.46	2.44	2.46	2.47
		120	2.06	2.02	2.06	2.01
		138	2.26	2.21	2.24	2.16
	20	102	2.48	2.44	2.48	2.47
		120	2.03	2.01	2.03	2.01
		138	2.28	2.20	2.26	2.19
	55	102	2.4	2.36	2.39	2.35
		120	2.06	2.01	2.05	2.01
		138	2.28	2.24	2.25	2.22
116	-10	102	2.47	2.44	2.47	2.47

		120	2.04	2.02	2.04	2.03
		138	2.27	2.21	2.25	2.20
	20	102	2.47	2.44	2.47	2.50
		120	2.05	2.01	2.05	2.05
		138	2.24	2.20	2.22	2.21
	55	102	2.40	2.36	2.39	2.38
		120	2.04	2.01	2.03	2.03
		138	2.33	2.24	2.30	2.28
	140	-10	102	2.47	2.44	2.47
			120	2.06	2.02	2.06
			138	2.24	2.21	2.22
		20	102	2.47	2.44	2.47
			120	2.02	2.01	2.02
			138	2.27	2.20	2.25
		55	102	2.39	2.36	2.38
			120	2.06	2.01	2.05
			138	2.30	2.24	2.27

The End