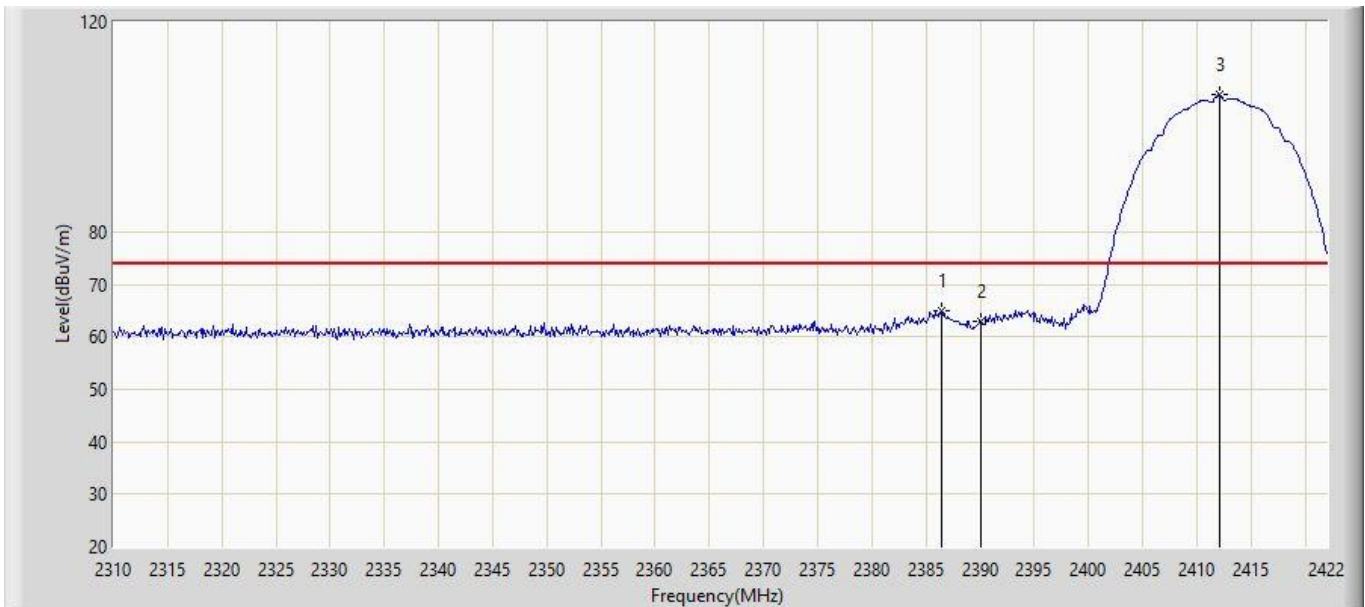




9.6 Test Result and Data

Radiated

Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode: Transmit 802.11b at 2412 MHz	



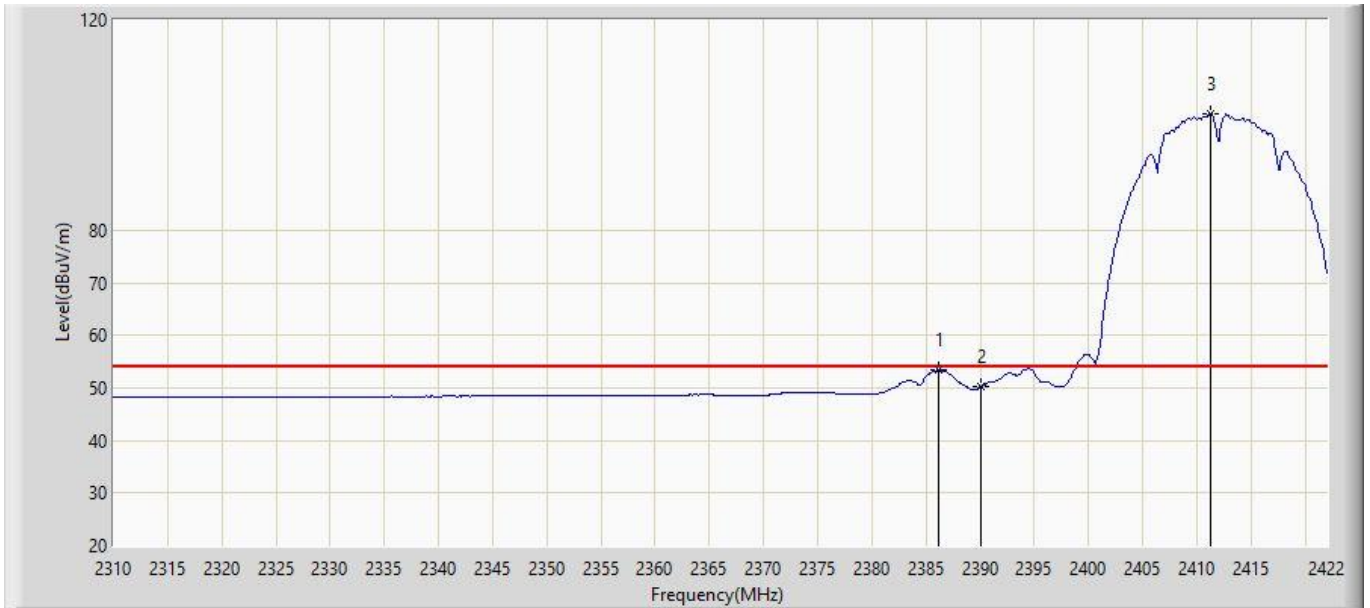
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2386.496	64.986	31.889	-9.014	74.000	33.097	PK
2		2390.000	63.051	29.940	-10.949	74.000	33.111	PK
3	*	2412.032	106.119	72.918	N/A	N/A	33.201	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode: Transmit 802.11b at 2412 MHz	



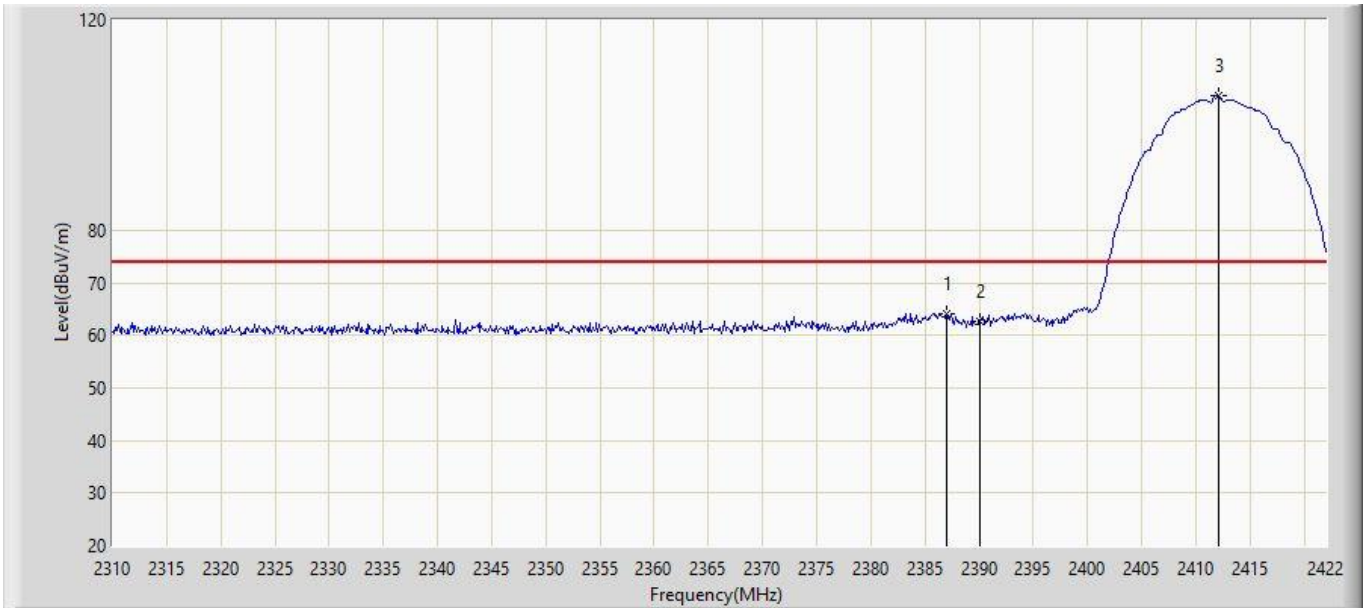
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2386.160	53.328	20.233	-0.672	54.000	33.095	AV
2		2390.000	50.185	17.074	-3.815	54.000	33.111	AV
3	*	2411.248	102.089	68.891	N/A	N/A	33.198	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 18:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode: Transmit 802.11b at 2412 MHz	



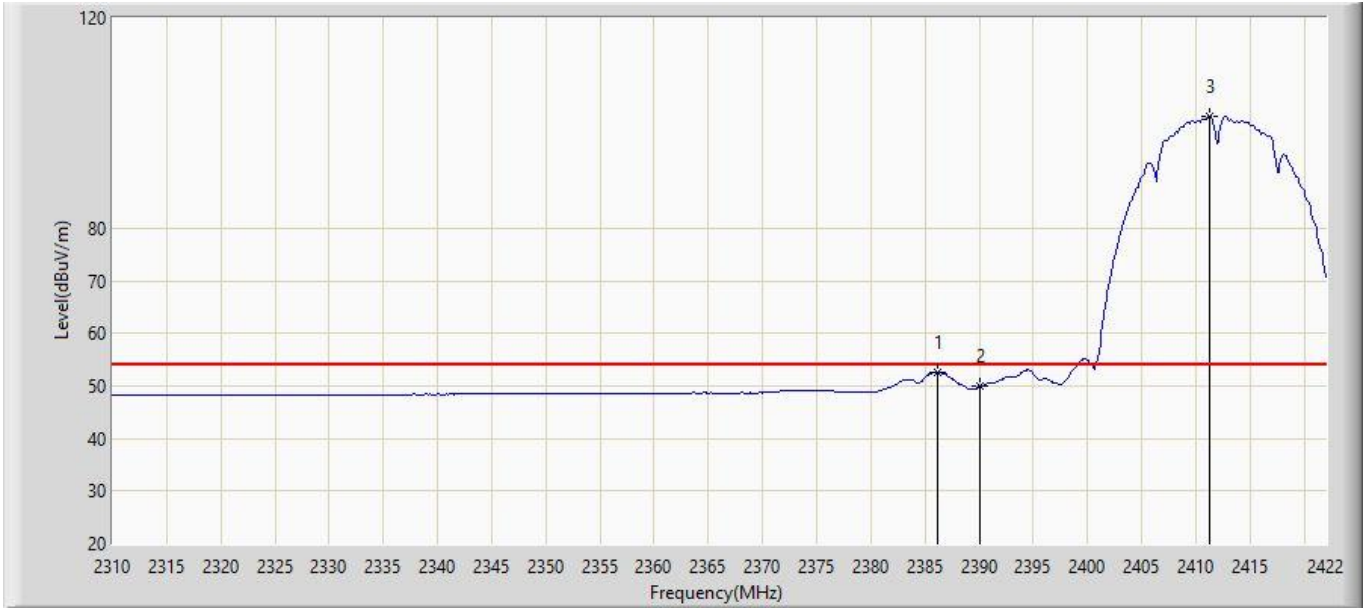
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2386.944	64.007	30.908	-9.993	74.000	33.099	PK
2		2390.000	62.627	29.516	-11.373	74.000	33.111	PK
3	*	2412.032	105.555	72.354	N/A	N/A	33.201	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode: Transmit 802.11b at 2412 MHz	



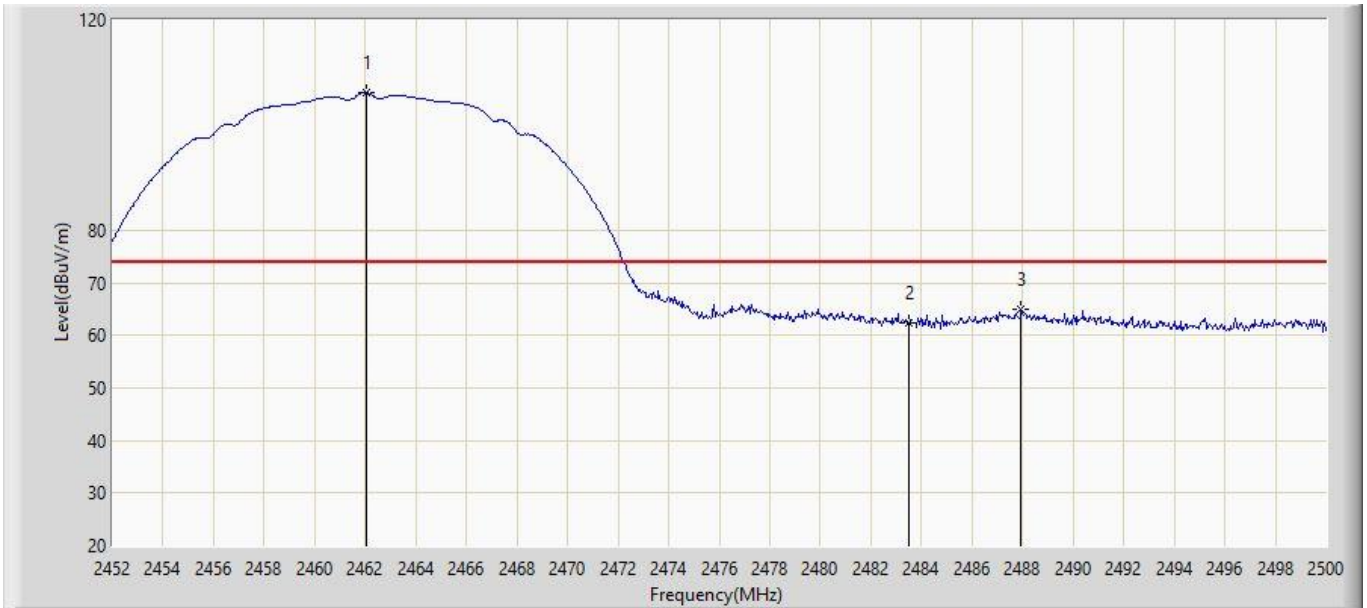
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2386.160	52.600	19.505	-1.400	54.000	33.095	AV
2		2390.000	49.874	16.763	-4.126	54.000	33.111	AV
3	*	2411.248	101.241	68.043	N/A	N/A	33.198	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode: Transmit 802.11b at 2462 MHz	



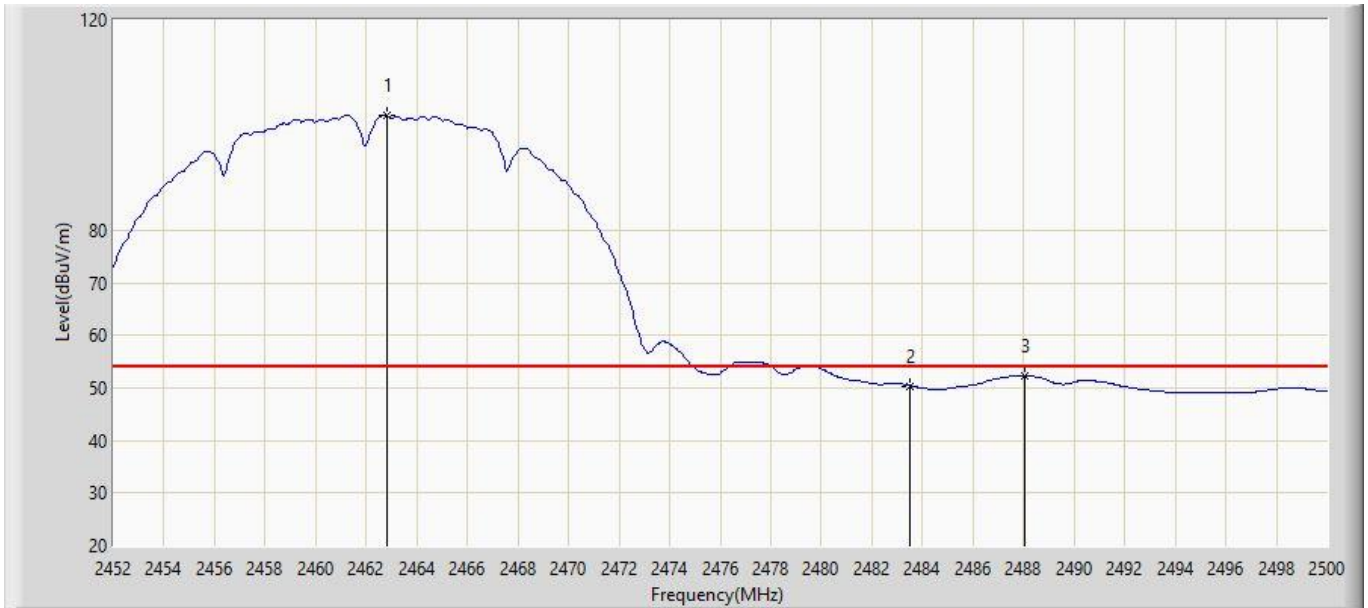
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.032	106.168	72.763	N/A	N/A	33.405	PK
2		2483.500	62.276	28.784	-11.724	74.000	33.493	PK
3		2487.952	64.924	31.413	-9.076	74.000	33.510	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode: Transmit 802.11b at 2462 MHz	



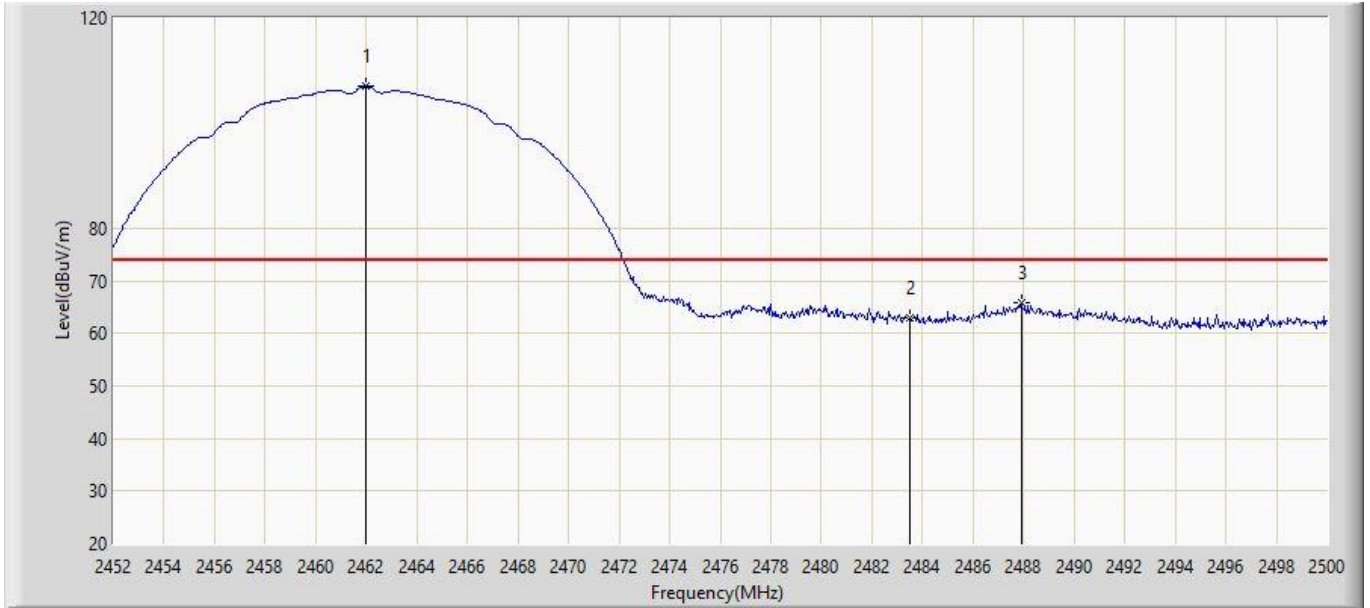
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.800	101.902	68.494	N/A	N/A	33.408	AV
2		2483.500	50.395	16.903	-3.605	54.000	33.493	AV
3		2488.048	52.330	18.819	-1.670	54.000	33.511	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode: Transmit 802.11b at 2462 MHz	



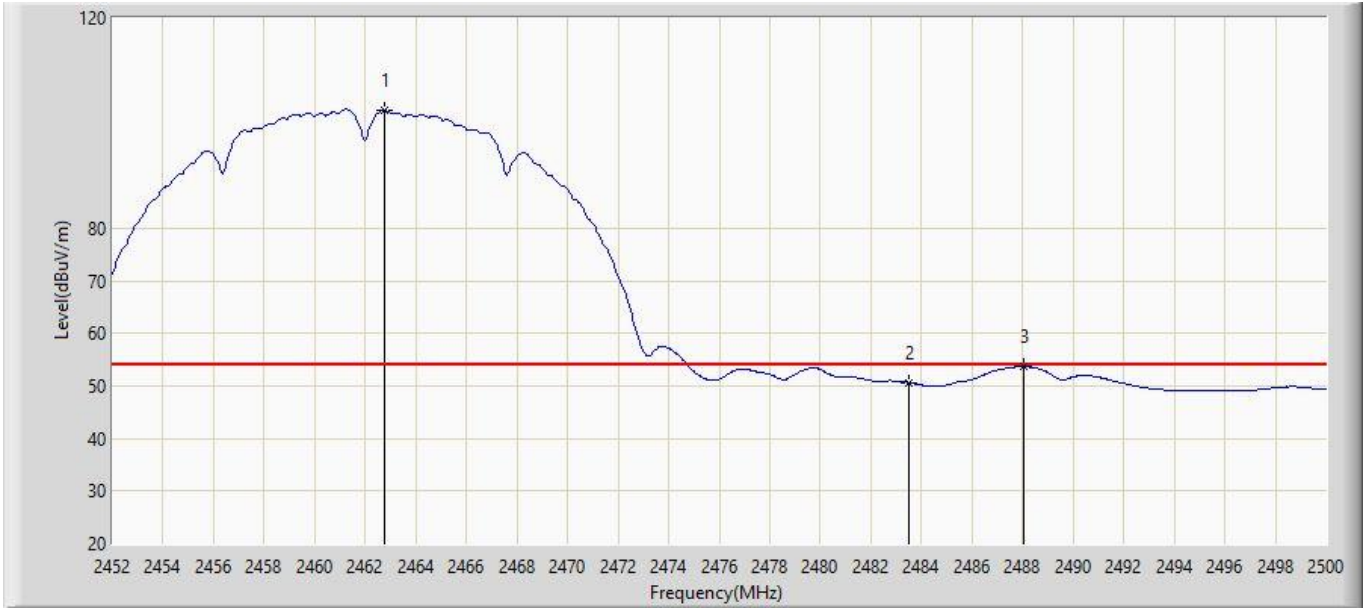
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.984	106.966	73.561	N/A	N/A	33.405	PK
2		2483.500	62.850	29.358	-11.150	74.000	33.493	PK
3		2487.904	65.782	32.272	-8.218	74.000	33.510	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode: Transmit 802.11b at 2462 MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.752	102.481	69.073	N/A	N/A	33.407	AV
2		2483.500	50.573	17.081	-3.427	54.000	33.493	AV
3		2488.048	53.643	20.132	-0.357	54.000	33.511	AV

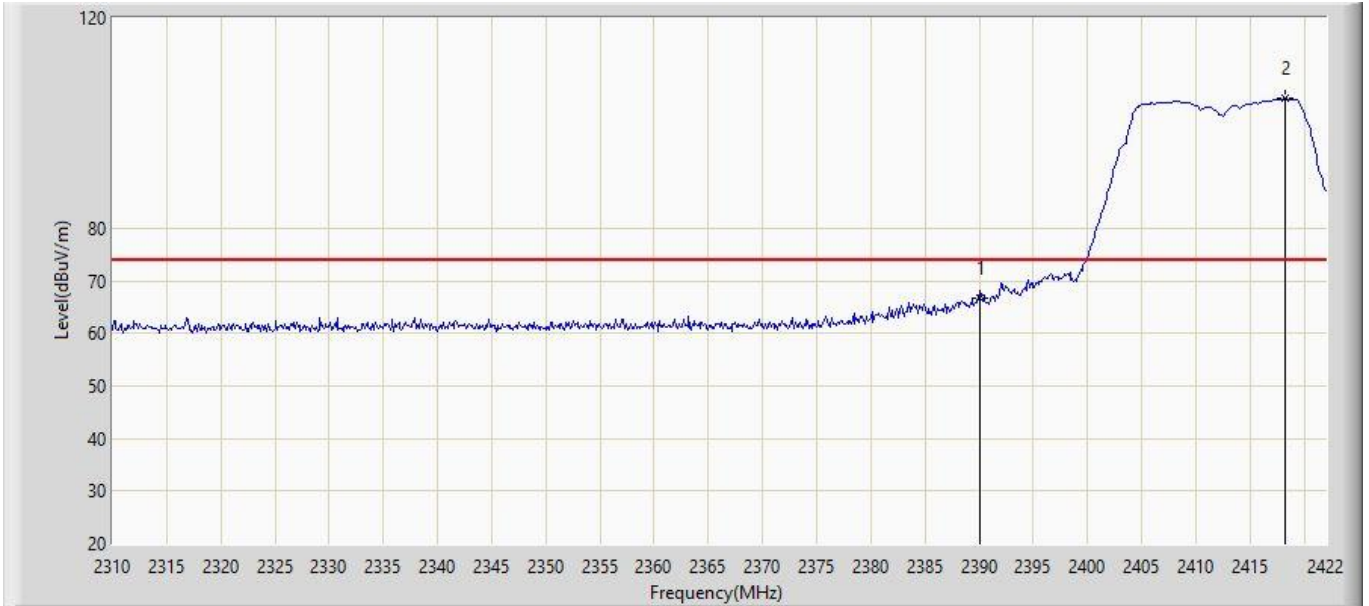
Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)





Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode2: Transmit 802.11g at 2412 MHz	



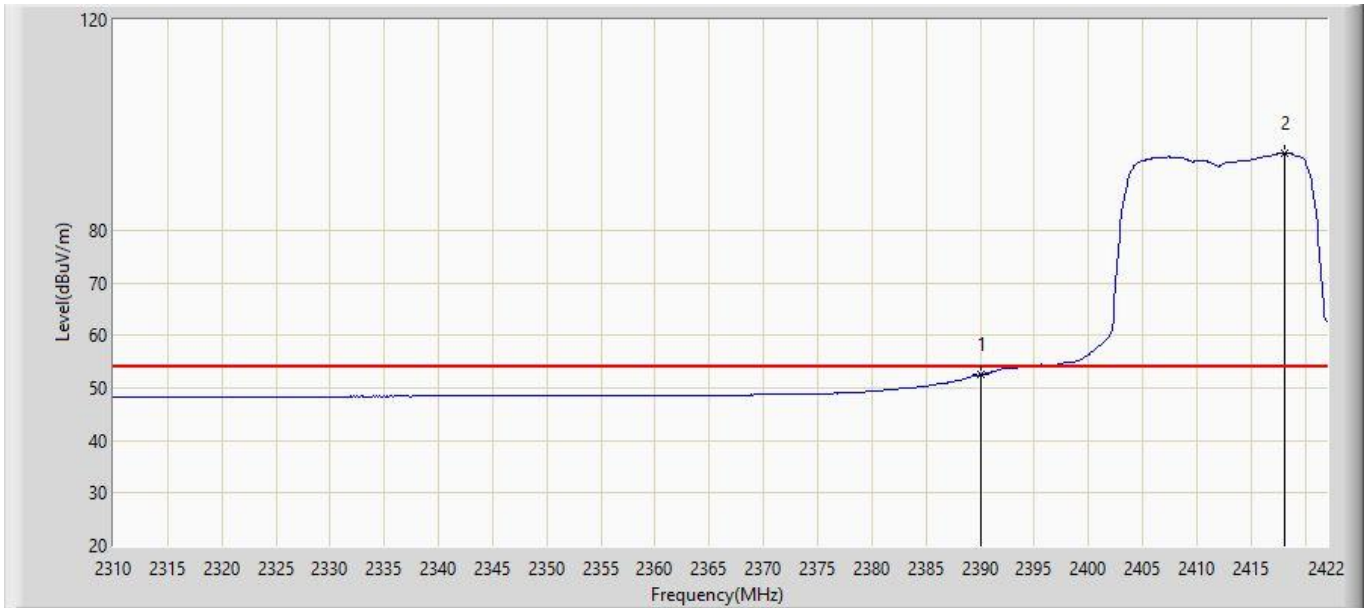
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	66.806	33.695	-7.194	74.000	33.111	PK
2	*	2418.192	104.649	71.423	N/A	N/A	33.226	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode2: Transmit 802.11g at 2412 MHz	



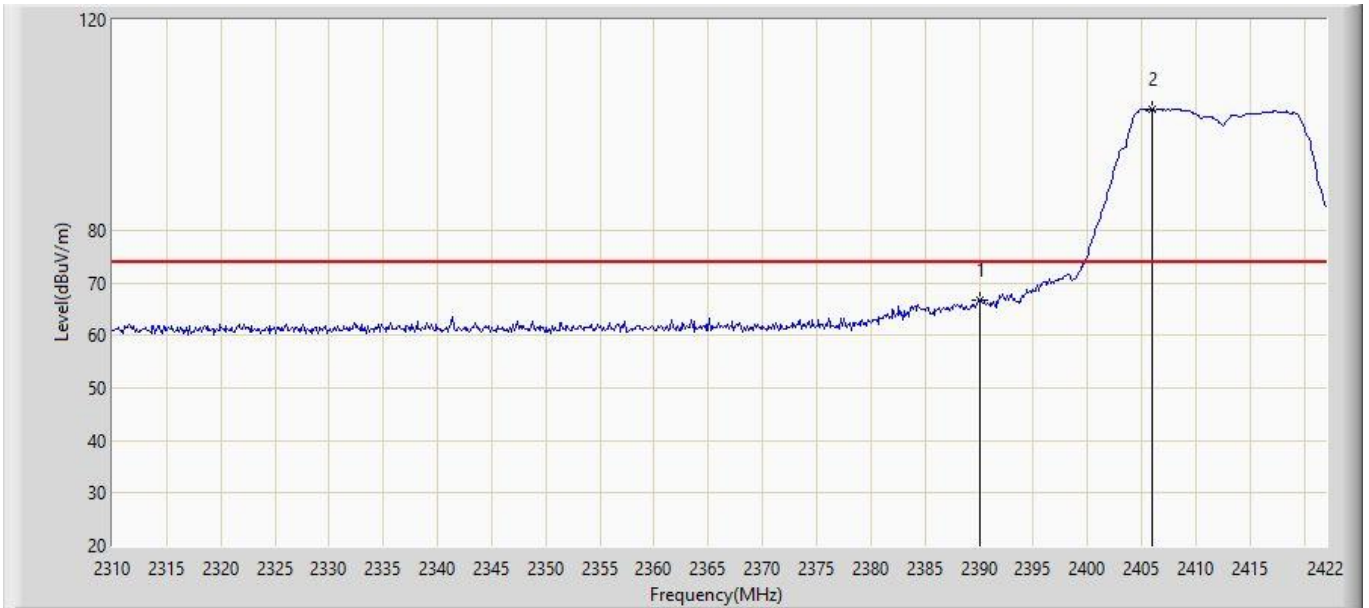
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.548	19.437	-1.452	54.000	33.111	AV
2	*	2418.080	94.600	61.374	N/A	N/A	33.225	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode2: Transmit 802.11g at 2412 MHz	



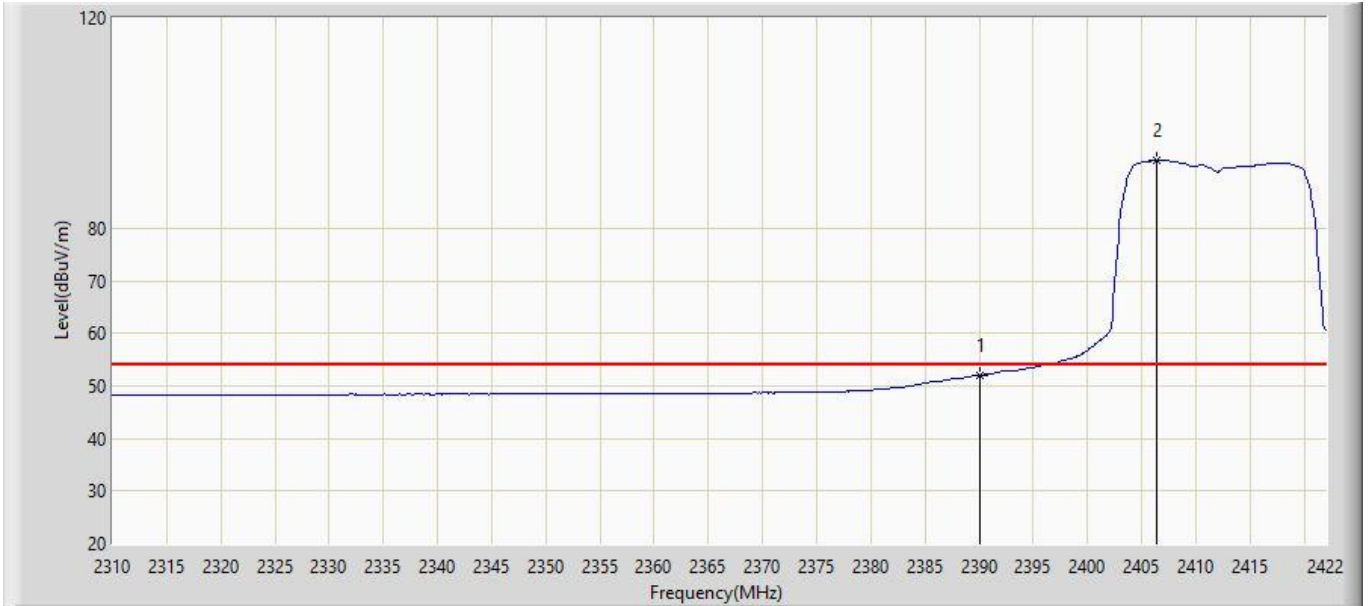
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	66.623	33.512	-7.377	74.000	33.111	PK
2	*	2405.984	102.985	69.808	N/A	N/A	33.177	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode2: Transmit 802.11g at 2412 MHz	



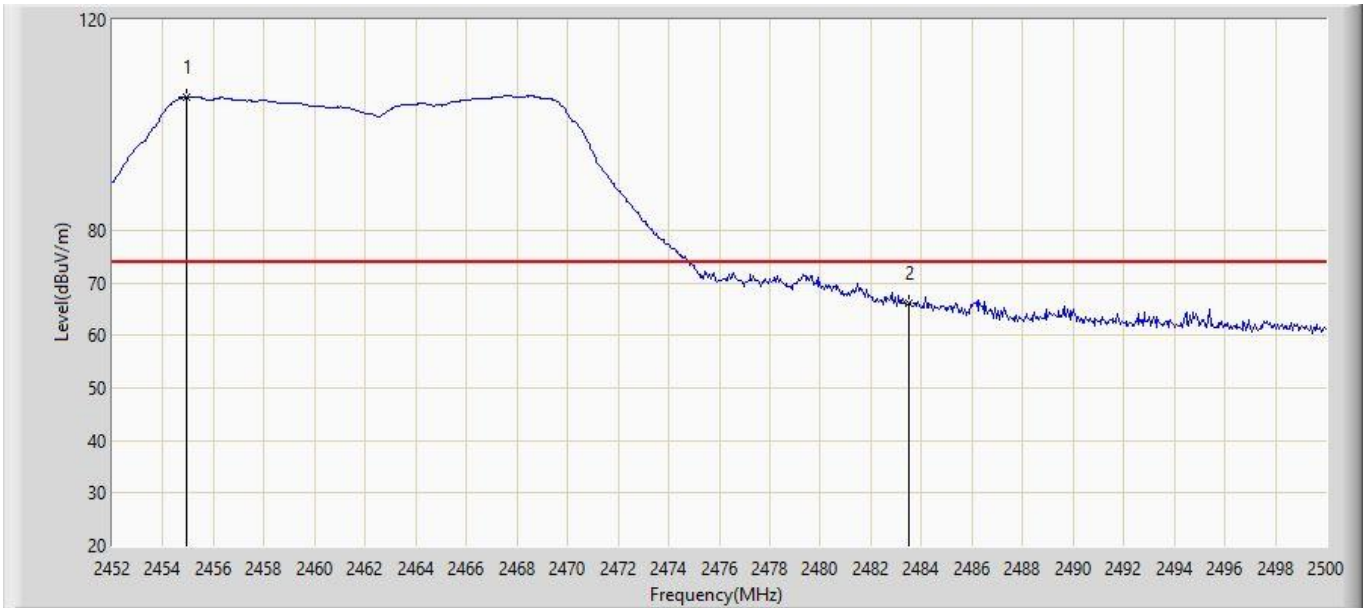
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.015	18.904	-1.985	54.000	33.111	AV
2	*	2406.320	92.889	59.711	N/A	N/A	33.178	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode2: Transmit 802.11g at 2462 MHz	



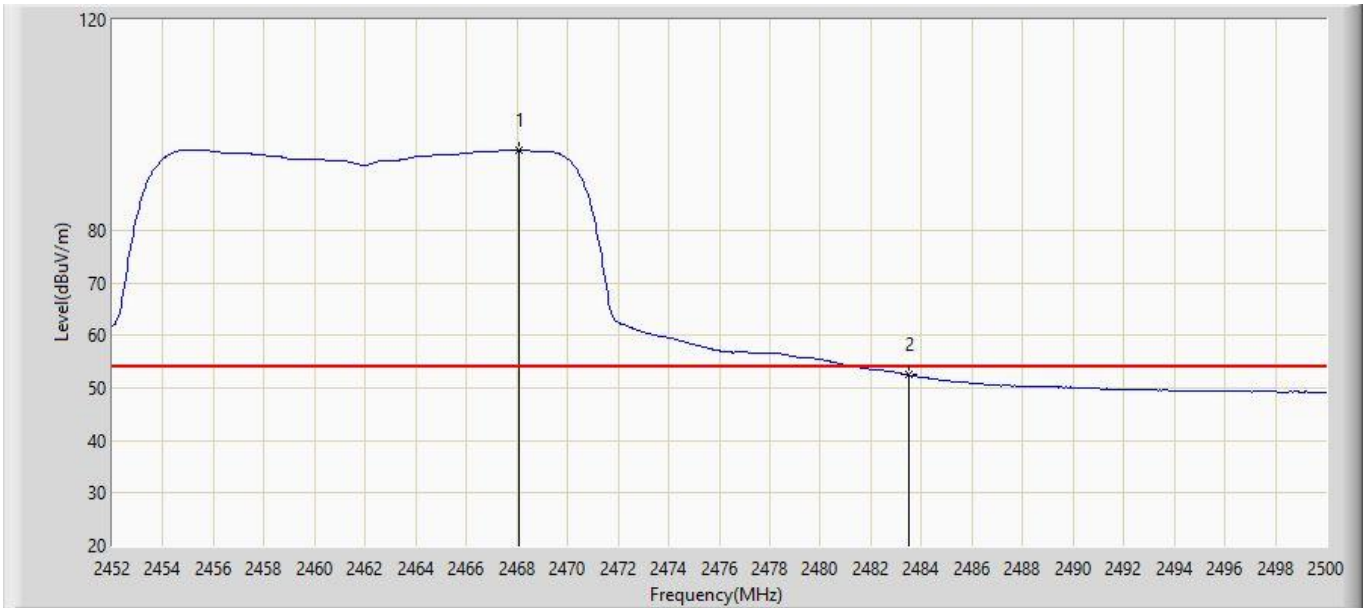
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2454.928	105.283	71.907	N/A	N/A	33.376	PK
2		2483.500	66.133	32.641	-7.867	74.000	33.493	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode2: Transmit 802.11g at 2462 MHz	



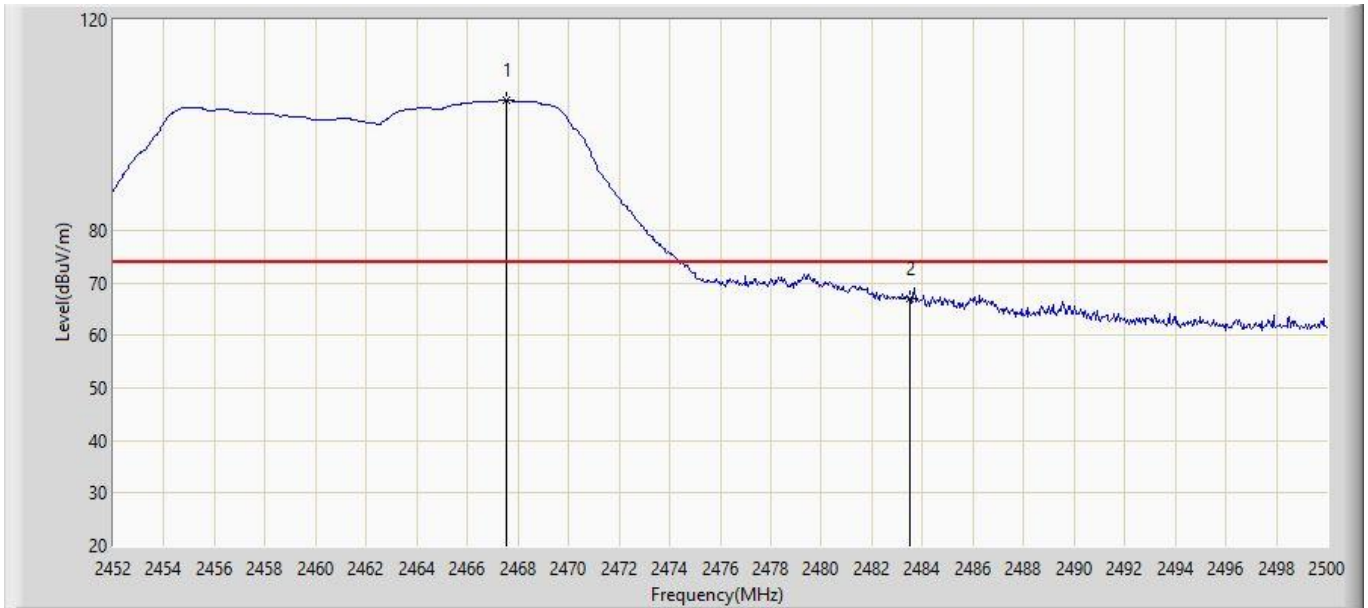
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2468.080	95.201	61.771	N/A	N/A	33.430	AV
2		2483.500	52.448	18.956	-1.552	54.000	33.493	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode2: Transmit 802.11g at 2462 MHz	



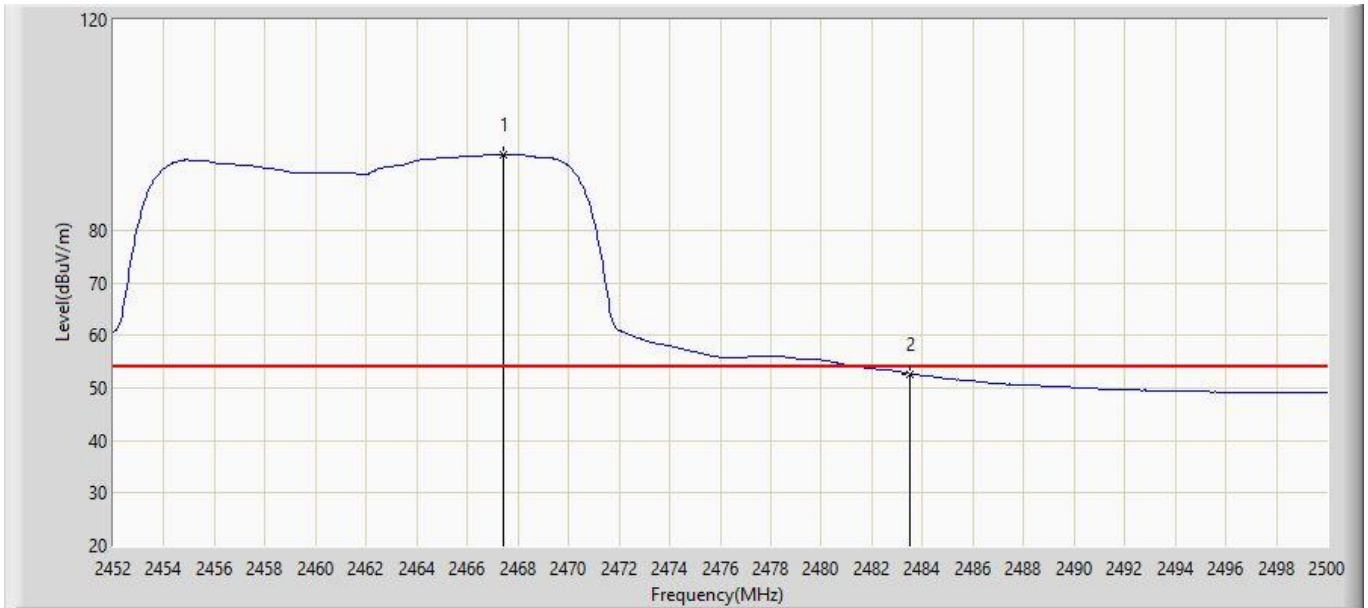
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2467.549	104.689	71.261	N/A	N/A	33.428	PK
2		2483.500	66.987	33.495	-7.013	74.000	33.493	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode2: Transmit 802.11g at 2462 MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2467.408	94.311	60.884	N/A	N/A	33.427	AV
2		2483.500	52.701	19.209	-1.299	54.000	33.493	AV

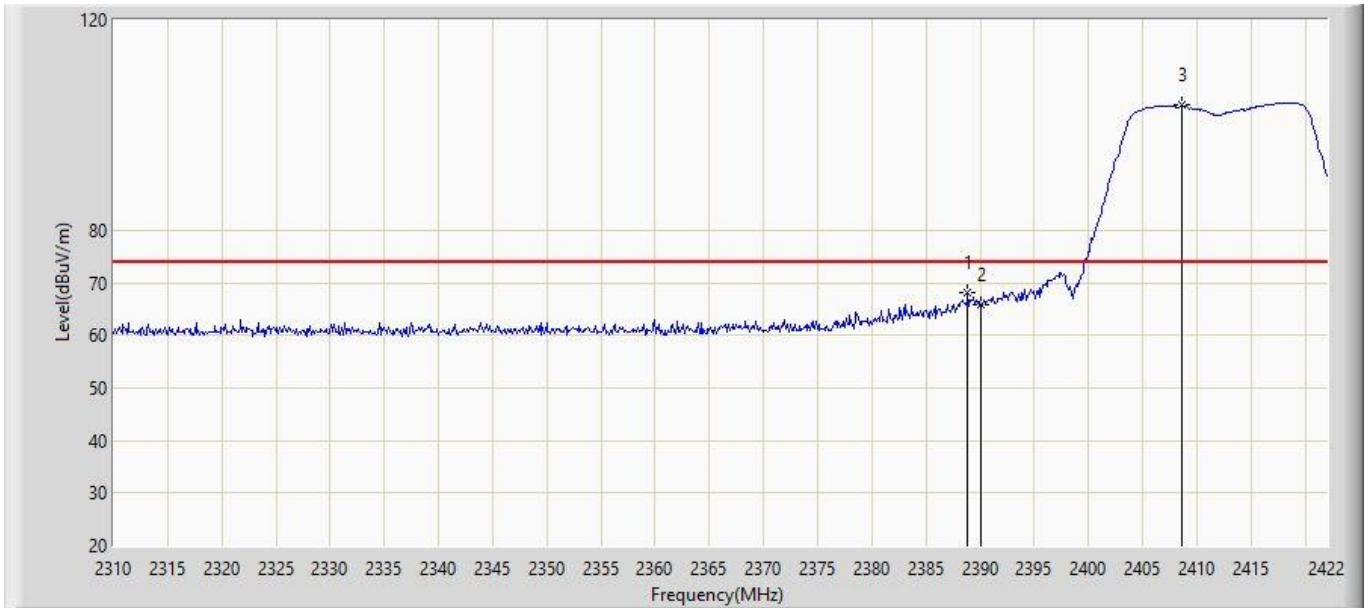
Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)





Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode3: Transmit 802.11n20 at 2412 MHz	



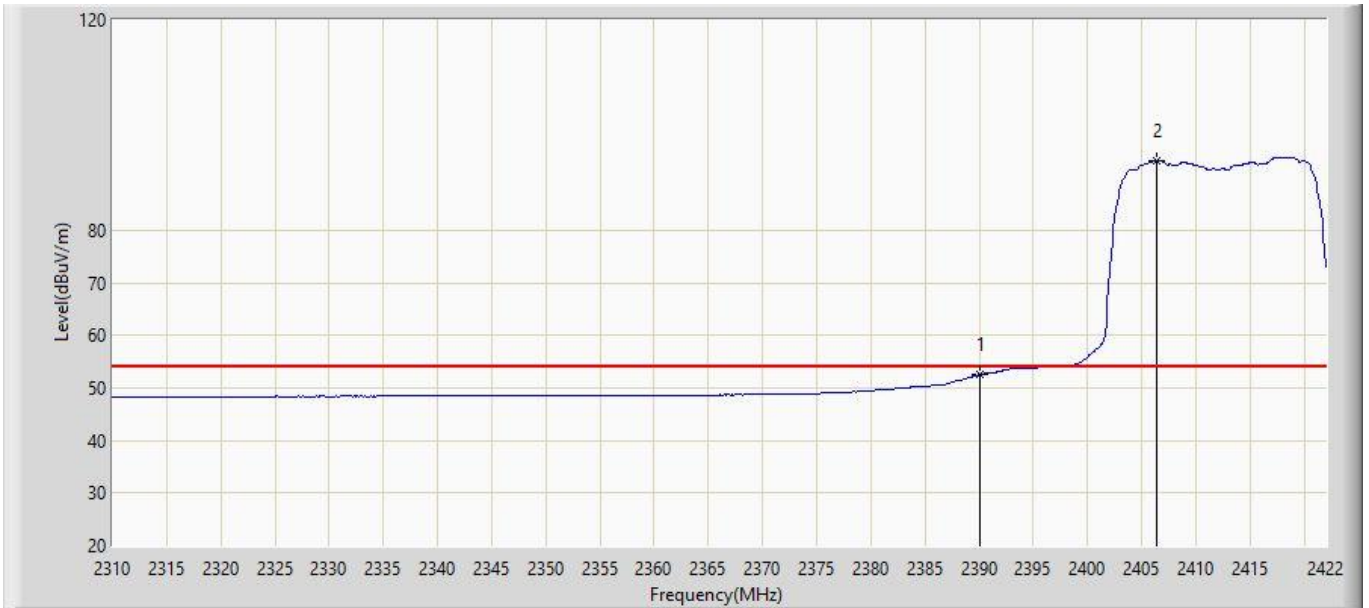
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2388.848	68.125	35.019	-5.875	74.000	33.106	PK
2		2390.000	65.841	32.730	-8.159	74.000	33.111	PK
3	*	2408.672	103.737	70.550	N/A	N/A	33.188	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode3: Transmit 802.11n20 at 2412 MHz	



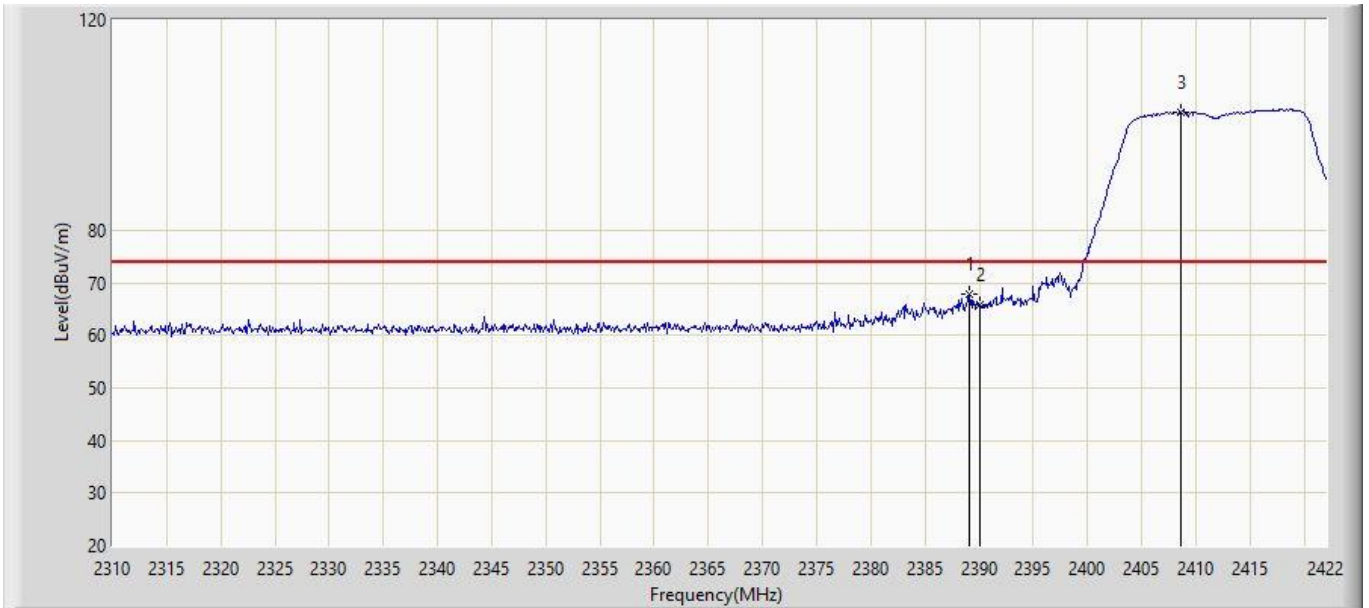
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.596	19.485	-1.404	54.000	33.111	AV
2	*	2406.320	93.151	59.973	N/A	N/A	33.178	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 19:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode3: Transmit 802.11n20 at 2412 MHz	



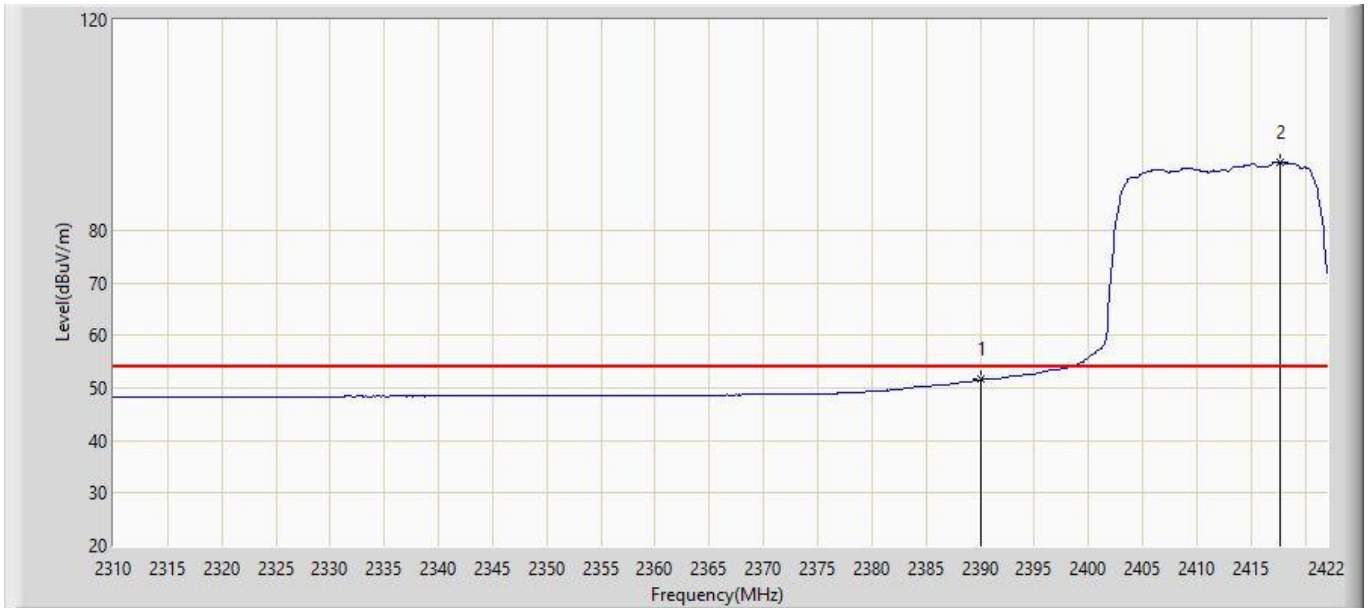
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2389.072	67.961	34.854	-6.039	74.000	33.107	PK
2		2390.000	65.847	32.736	-8.153	74.000	33.111	PK
3	*	2408.672	102.514	69.327	N/A	N/A	33.188	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 20:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode3: Transmit 802.11n20 at 2412 MHz	



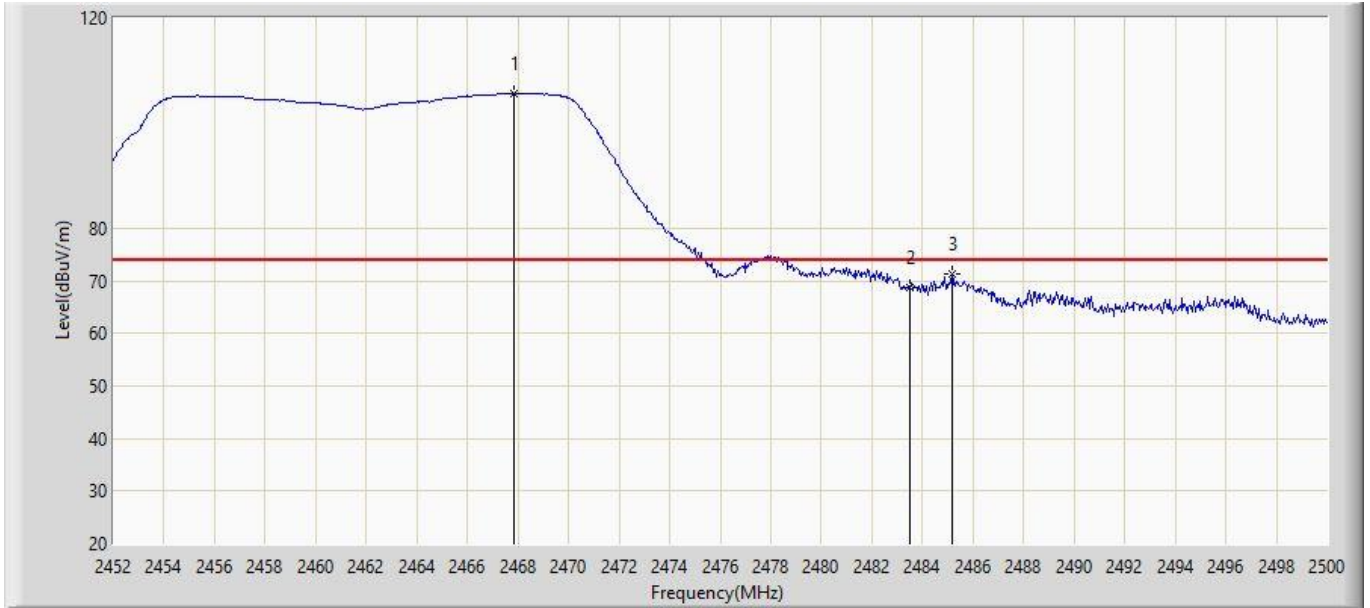
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	51.558	18.447	-2.442	54.000	33.111	AV
2	*	2417.744	92.858	59.634	N/A	N/A	33.224	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 20:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode3: Transmit 802.11n20 at 2462 MHz	



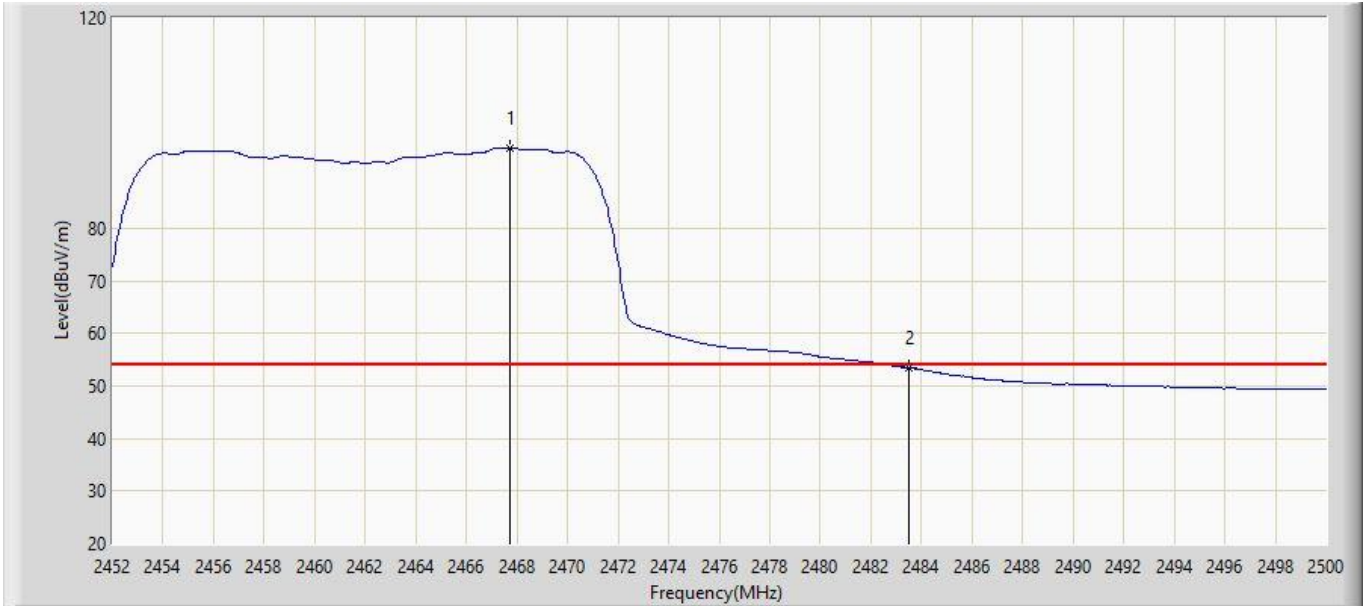
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2467.840	105.621	72.192	N/A	N/A	33.429	PK
2		2483.500	68.667	35.175	-5.333	74.000	33.493	PK
3		2485.168	71.393	37.894	-2.607	74.000	33.499	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 20:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode3: Transmit 802.11n20 at 2462 MHz	



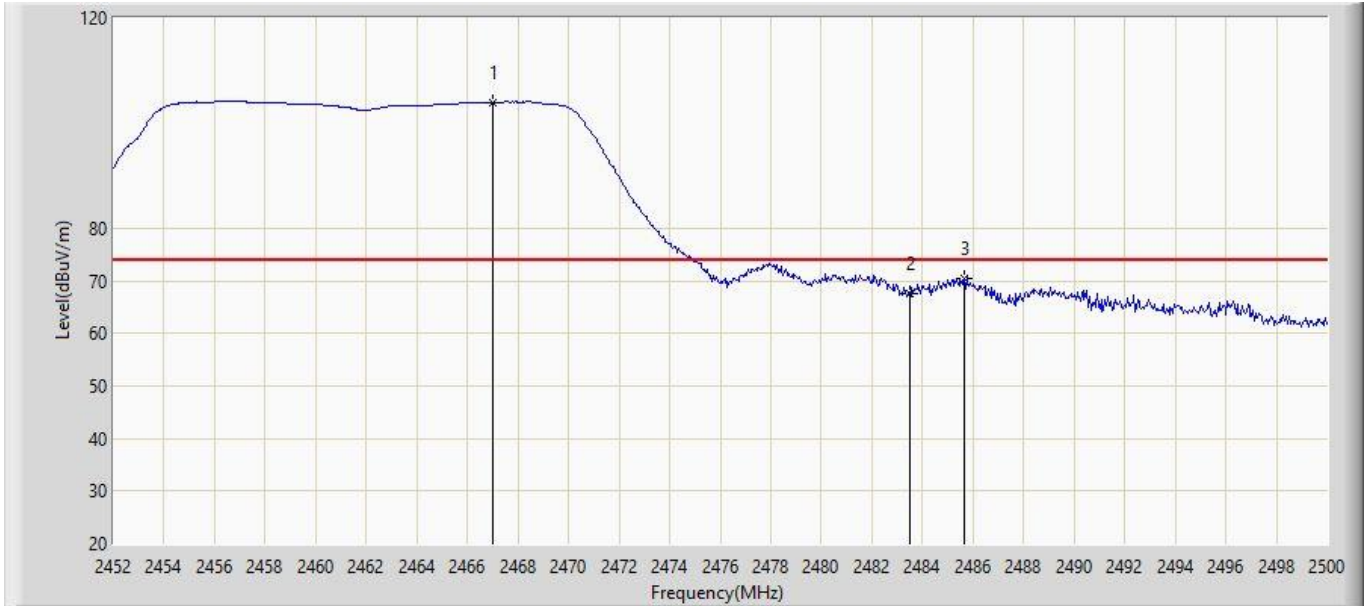
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2467.744	95.158	61.730	N/A	N/A	33.429	AV
2		2483.500	53.434	19.942	-0.566	54.000	33.493	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 20:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode3: Transmit 802.11n20 at 2462 MHz	



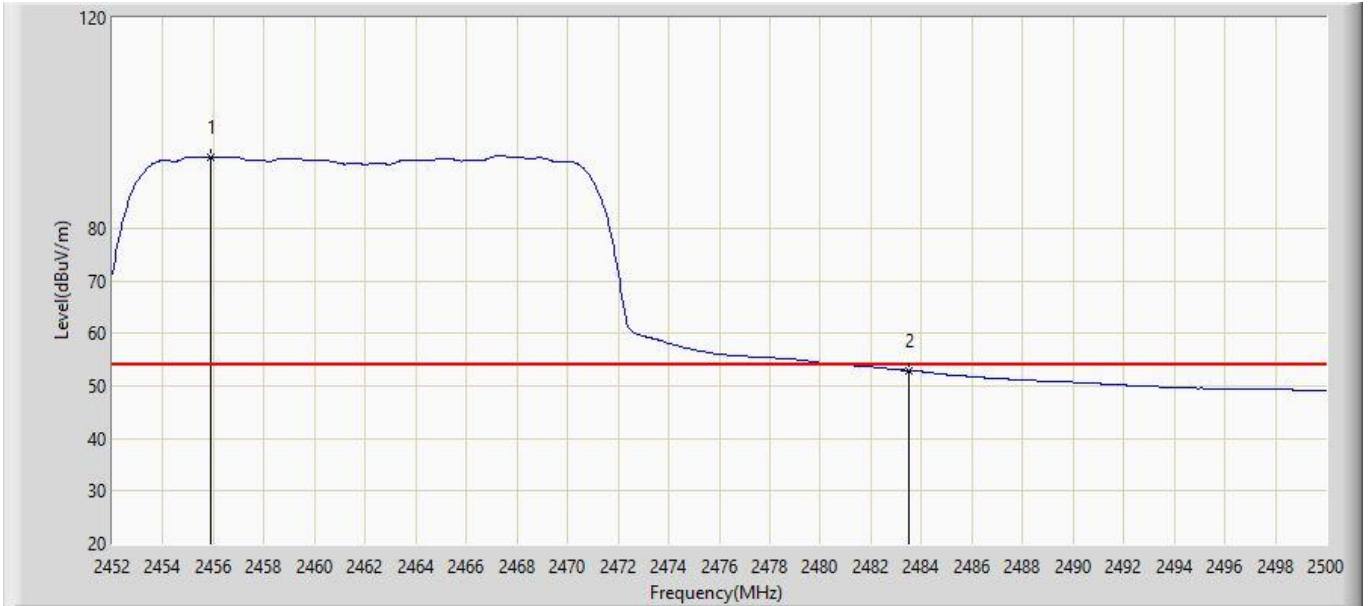
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2467.024	103.922	70.497	N/A	N/A	33.425	PK
2		2483.500	67.563	34.071	-6.437	74.000	33.493	PK
3		2485.648	70.524	37.023	-3.476	74.000	33.501	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 20:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode3: Transmit 802.11n20 at 2462 MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2455.888	93.515	60.135	N/A	N/A	33.380	AV
2		2483.500	52.923	19.431	-1.077	54.000	33.493	AV

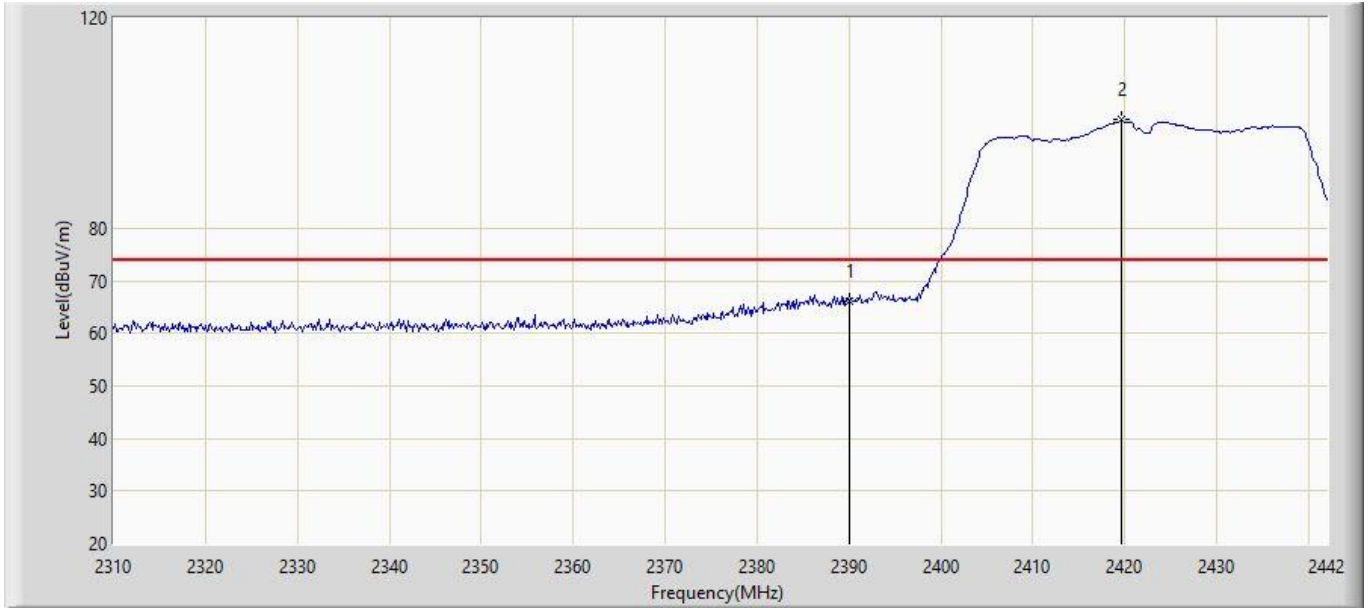
Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)





Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 20:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode4: Transmit 802.11n40 at 2422 MHz	



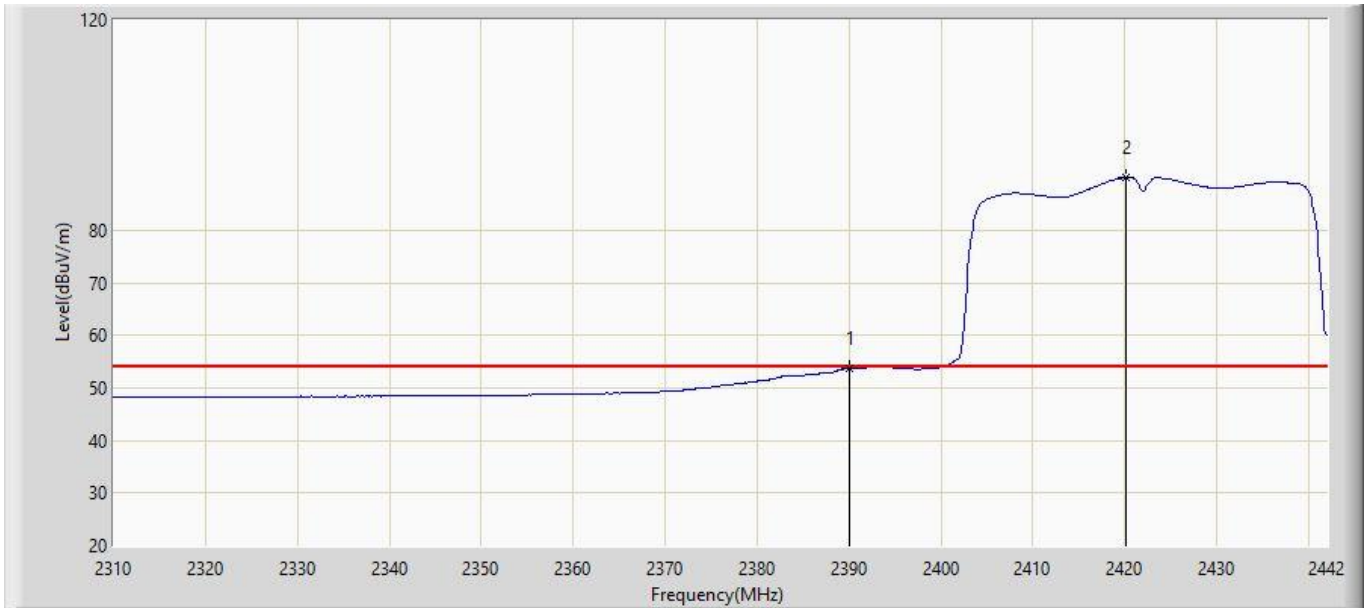
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	66.244	33.133	-7.756	74.000	33.111	PK
2	*	2419.692	100.571	67.339	N/A	N/A	33.232	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 20:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode4: Transmit 802.11n40 at 2422 MHz	



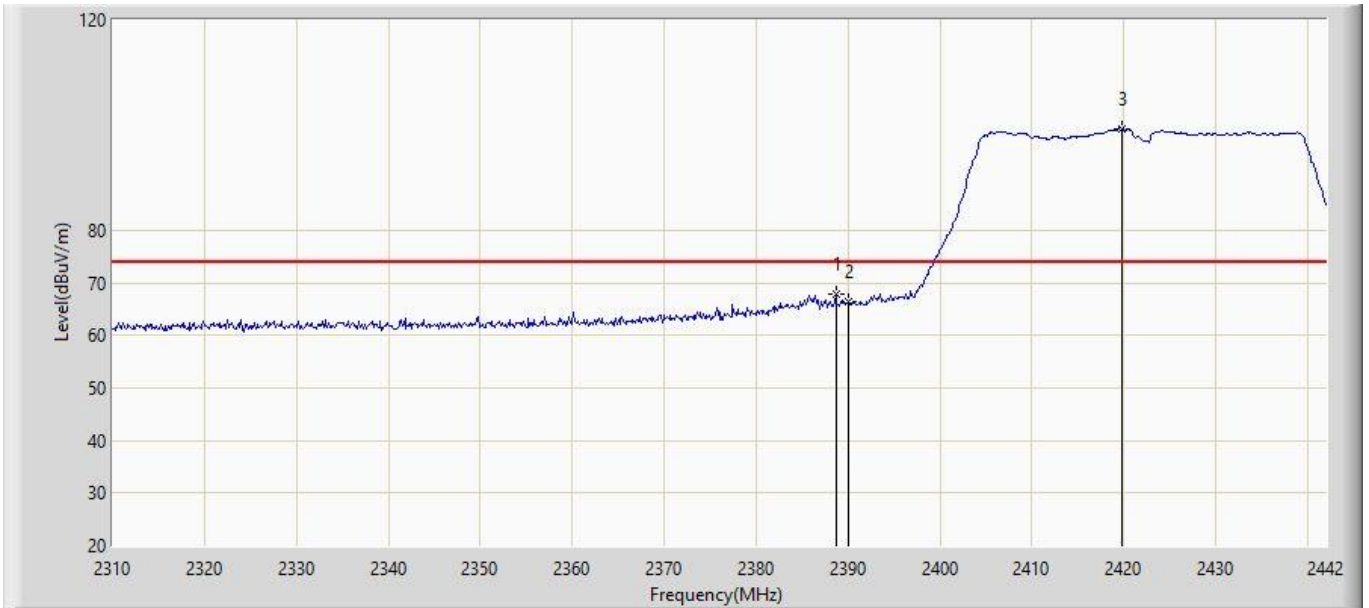
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	53.741	20.630	-0.259	54.000	33.111	AV
2	*	2420.088	90.070	56.836	N/A	N/A	33.234	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 20:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode4: Transmit 802.11n40 at 2422 MHz	



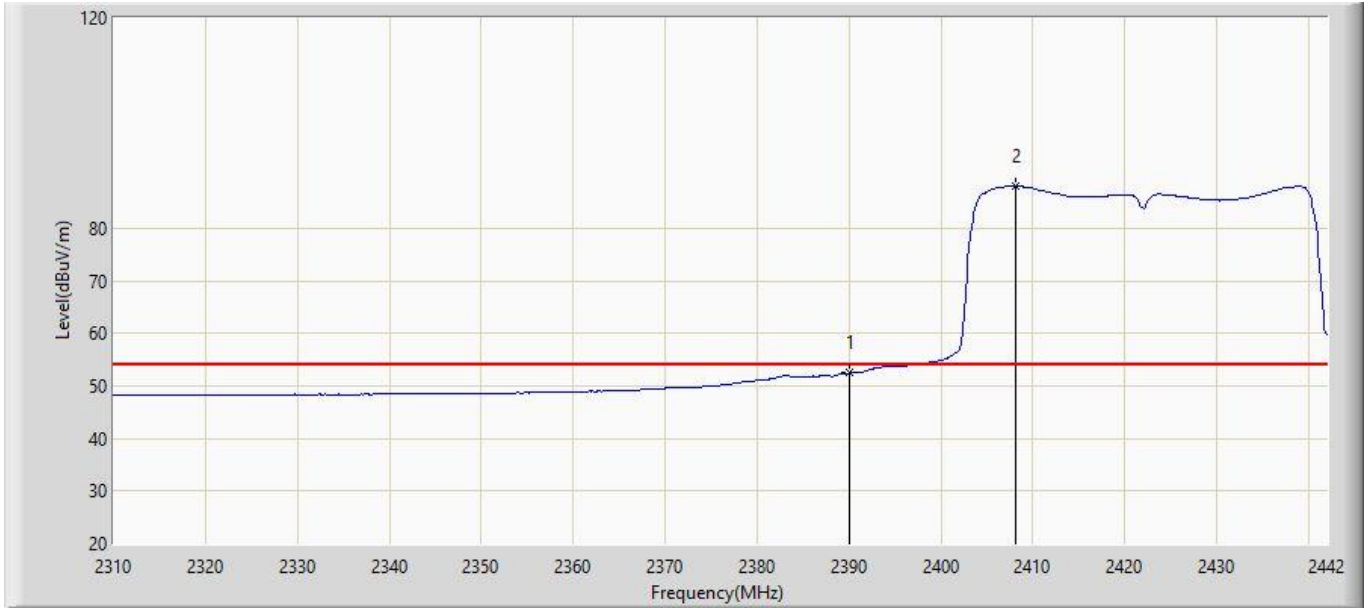
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2388.672	67.982	34.876	-6.018	74.000	33.105	PK
2		2390.000	66.354	33.243	-7.646	74.000	33.111	PK
3	*	2419.824	99.388	66.155	N/A	N/A	33.233	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 20:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode4: Transmit 802.11n40 at 2422 MHz	



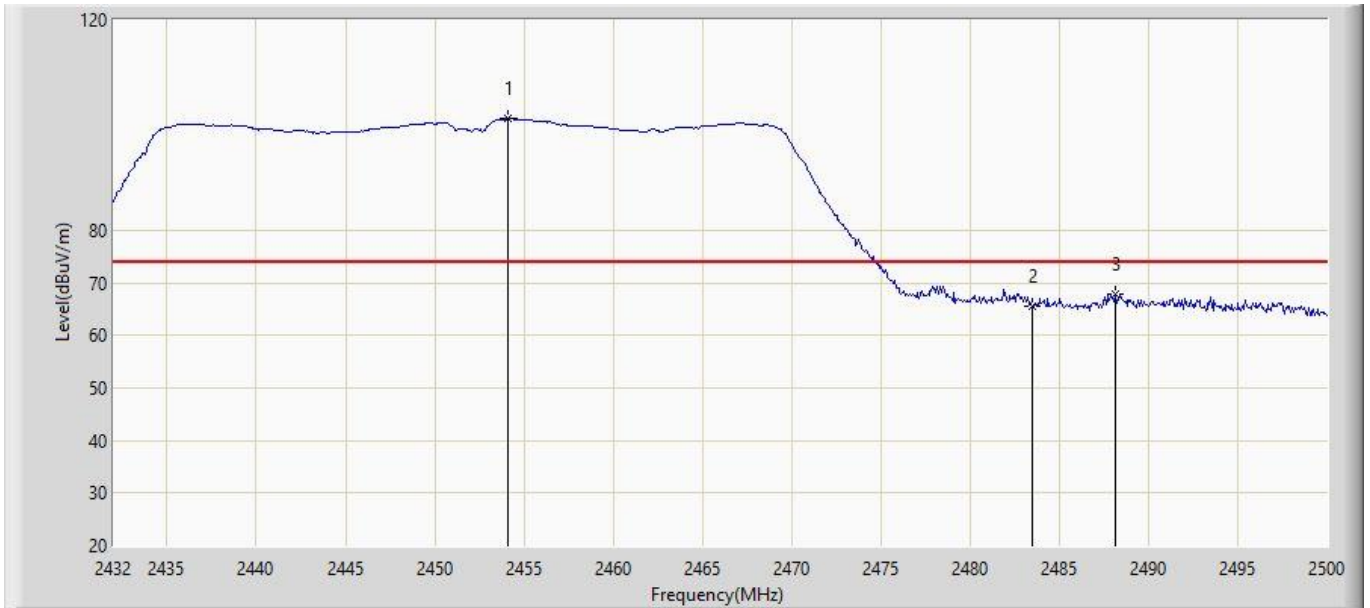
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.449	19.338	-1.551	54.000	33.111	AV
2	*	2408.076	88.037	54.852	N/A	N/A	33.185	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 20:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode4: Transmit 802.11n40 at 2452 MHz	



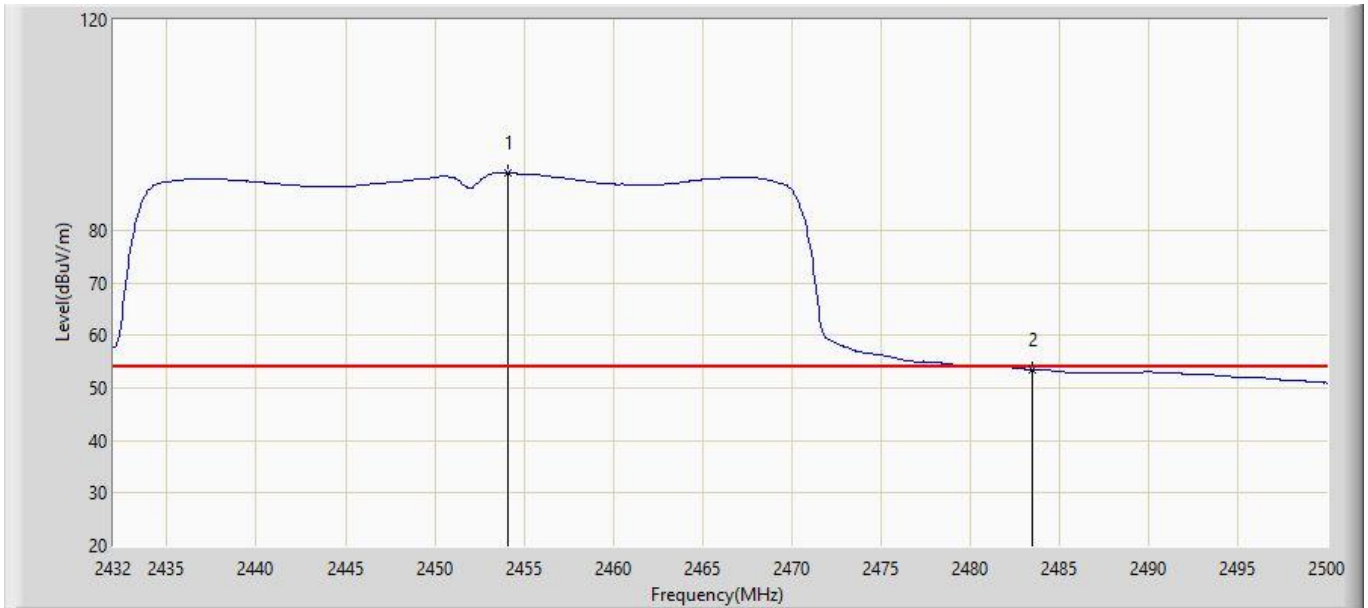
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2454.100	101.214	67.842	N/A	N/A	33.372	PK
2		2483.500	65.477	31.985	-8.523	74.000	33.493	PK
3		2488.168	67.906	34.395	-6.094	74.000	33.511	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 20:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Horizontal
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode4: Transmit 802.11n40 at 2452 MHz	



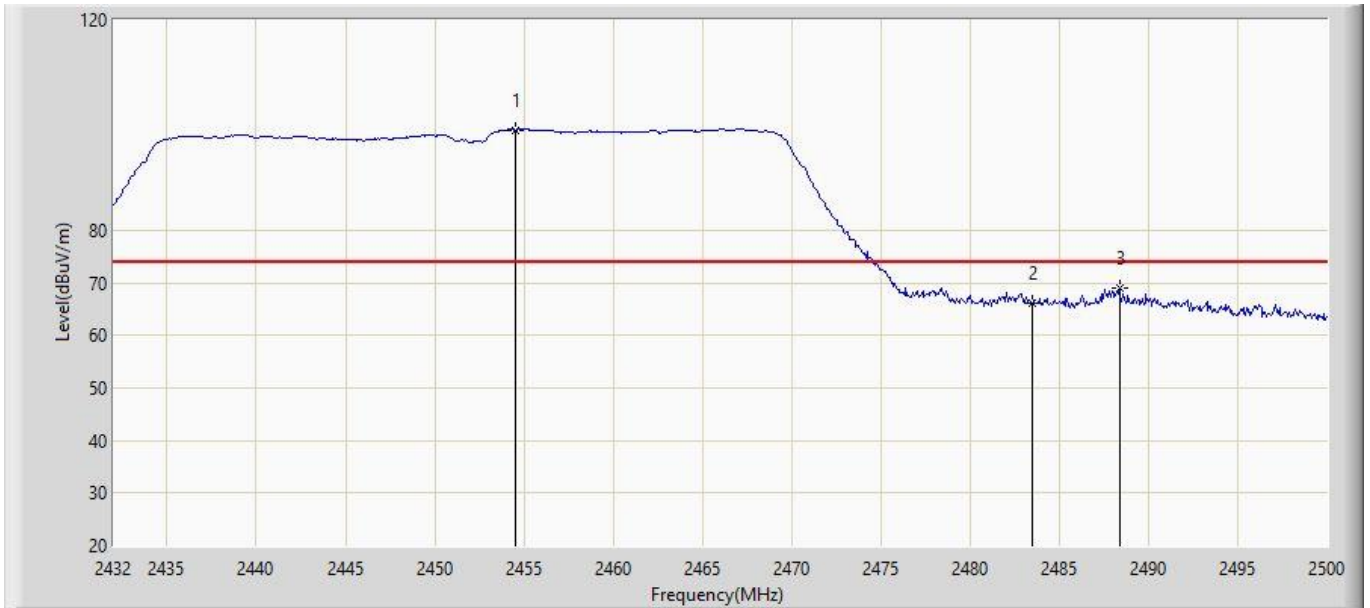
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2454.100	90.886	57.514	N/A	N/A	33.372	AV
2		2483.500	53.481	19.989	-0.519	54.000	33.493	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 20:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode4: Transmit 802.11n40 at 2452 MHz	



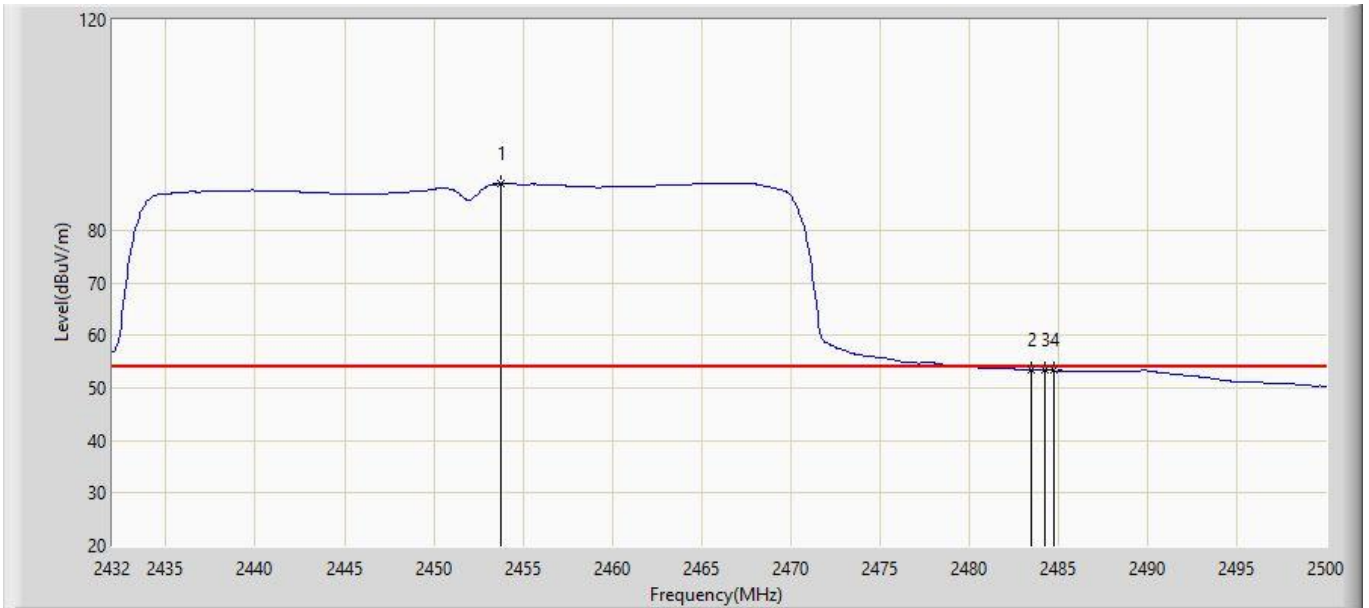
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2454.560	99.098	65.724	N/A	N/A	33.374	PK
2		2483.500	65.989	32.497	-8.011	74.000	33.493	PK
3		2488.372	68.961	35.449	-5.039	74.000	33.512	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Engineer: Kerry	
Site: AC102	Time: 2016/08/01 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA 9120D(1-18GHz)	Polarity: Vertical
EUT: IP3M-941W/941B	Power: AC 120V/60Hz
Note: Mode4: Transmit 802.11n40 at 2452 MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2453.760	88.793	55.422	N/A	N/A	33.371	AV
2		2483.500	53.411	19.919	-0.589	54.000	33.493	AV
3		2484.224	53.401	19.906	-0.599	54.000	33.495	AV
4		2484.768	53.299	19.801	-0.701	54.000	33.497	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

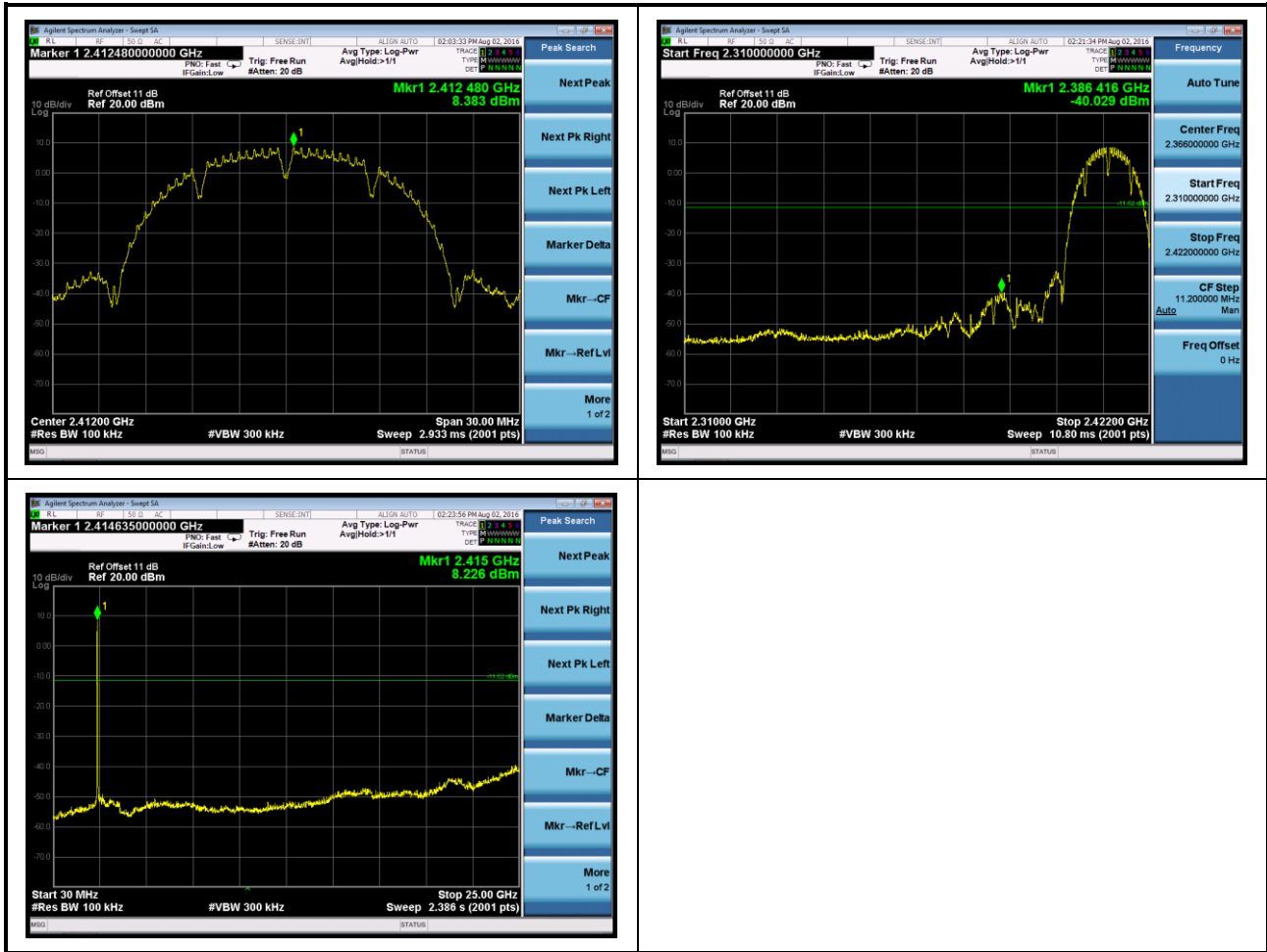
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)





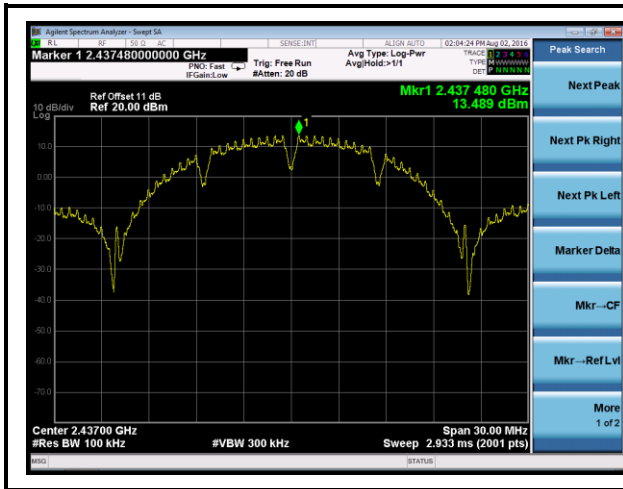
### Band Edge (20dBc RF Conducted Measurement)

Mode 1: Transmit by 802.11b (2412MHz)

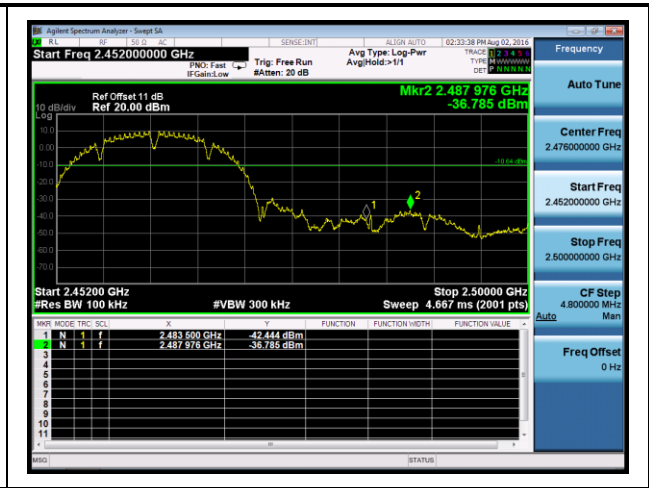




Mode 1: Transmit by 802.11b (2437MHz)

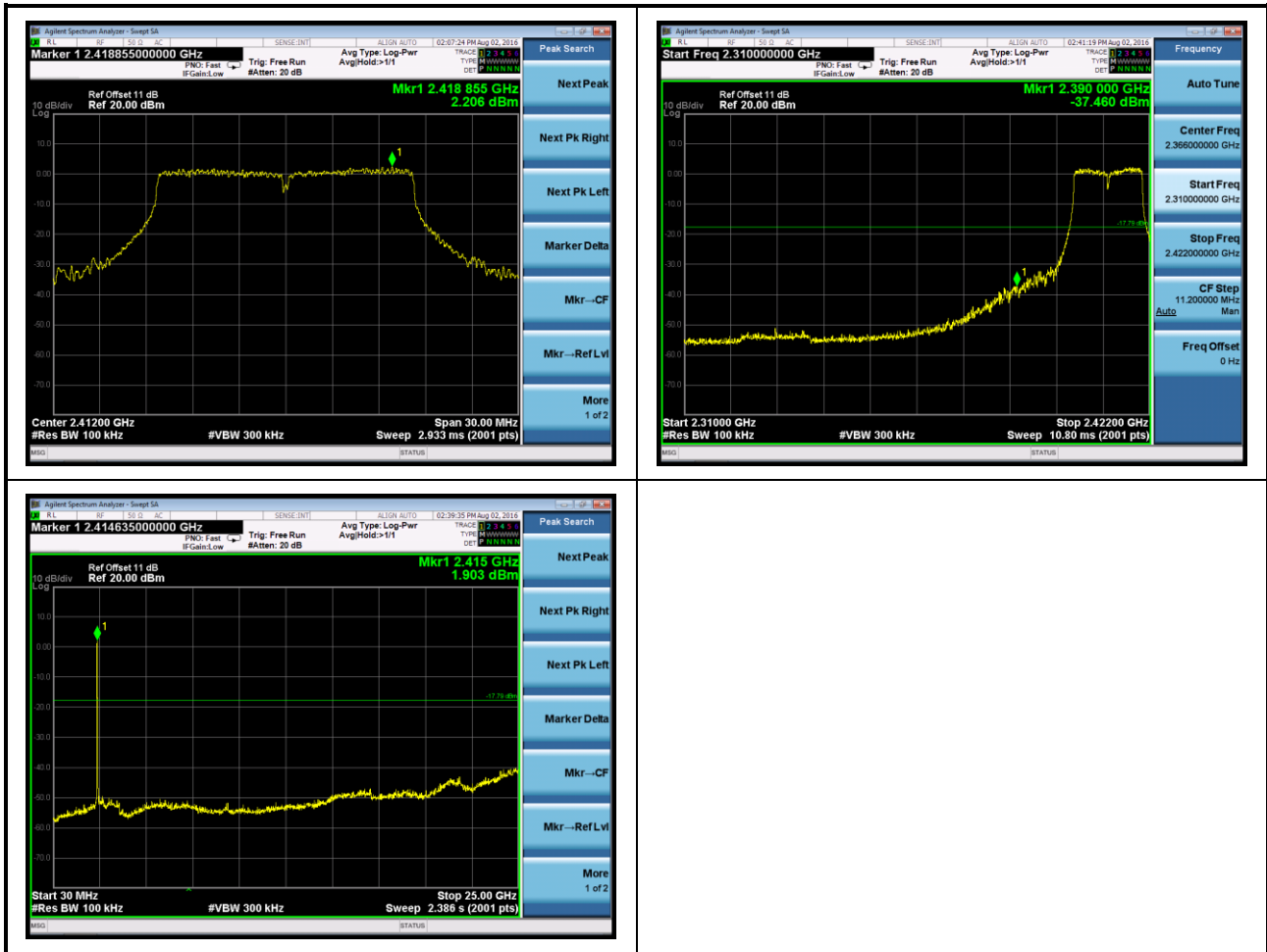


Mode 1: Transmit by 802.11b (2462MHz)



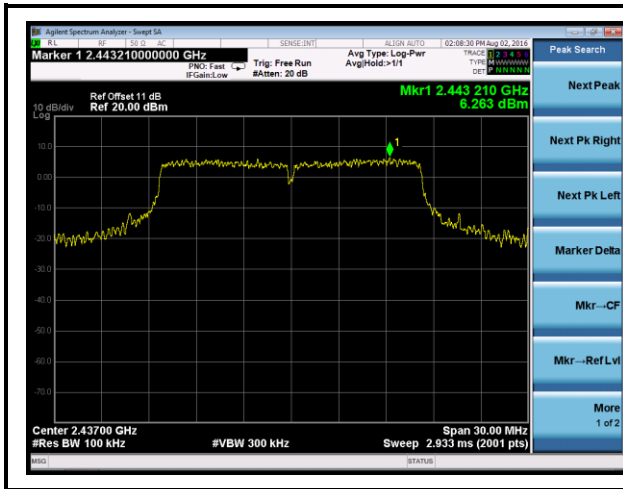


Mode 2: Transmit by 802.11g (2412MHz)

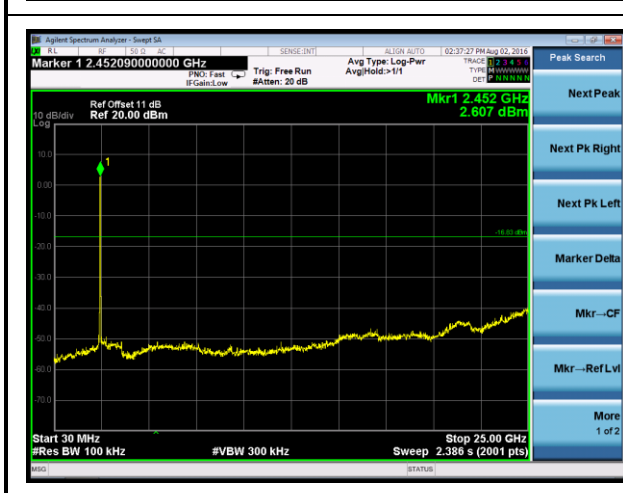
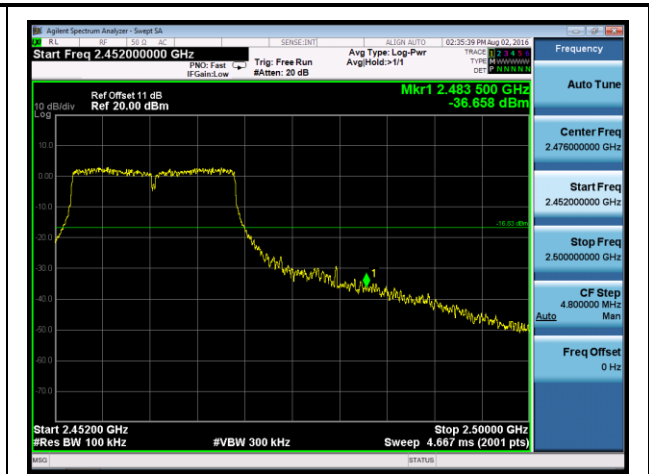
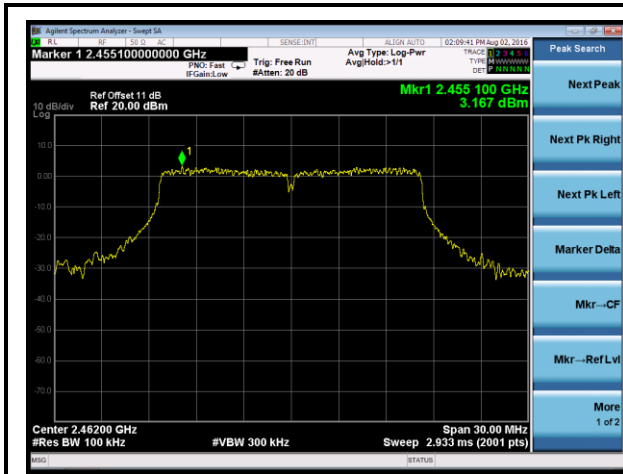




Mode 2: Transmit by 802.11g (2437MHz)

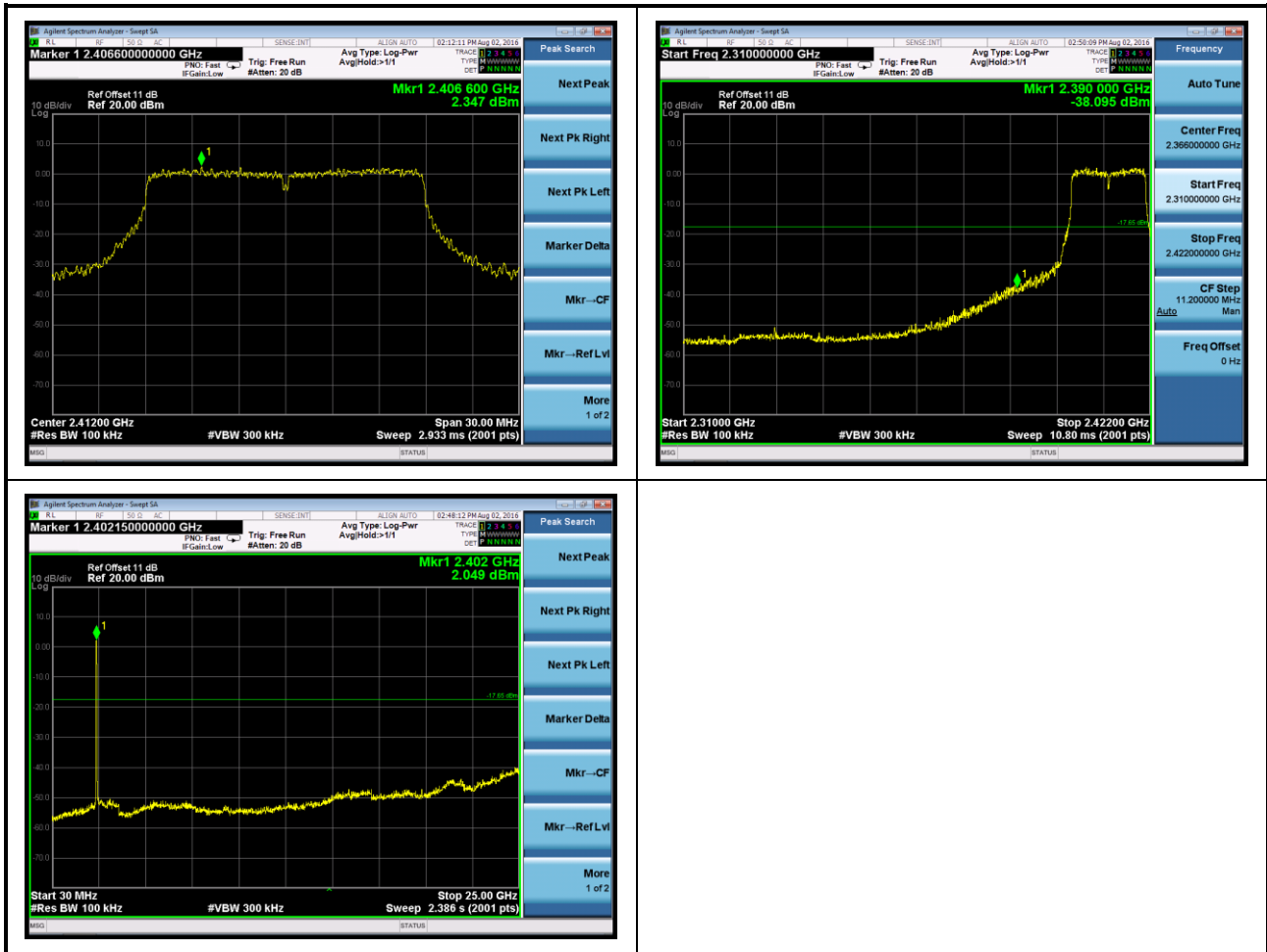


Mode 2: Transmit by 802.11g (2462MHz)





Mode 3: Transmit by 802.11n20 (2412MHz)

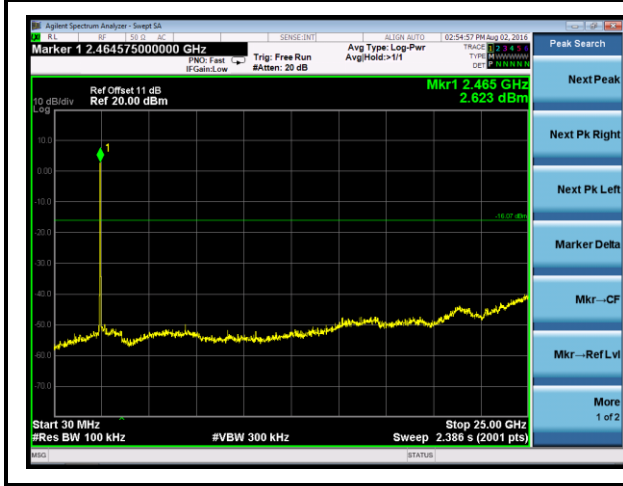
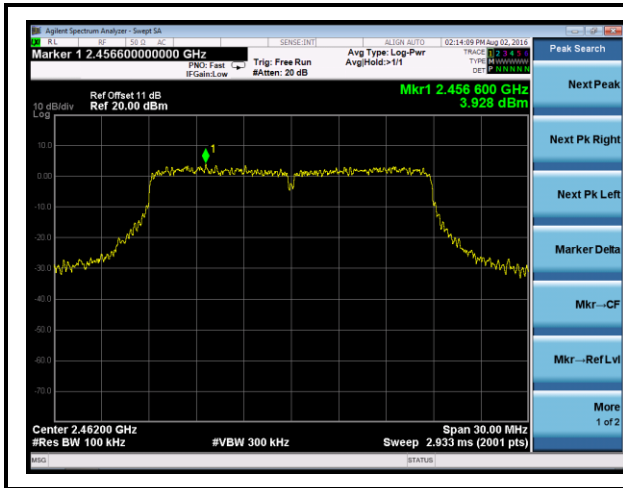




Mode 3: Transmit by 802.11n20 (2437MHz)

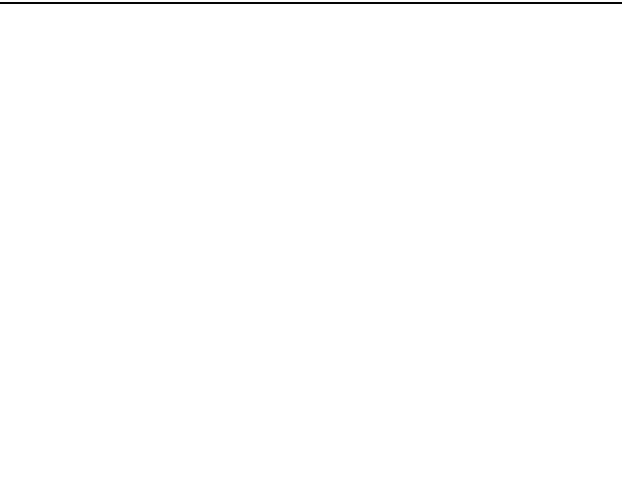
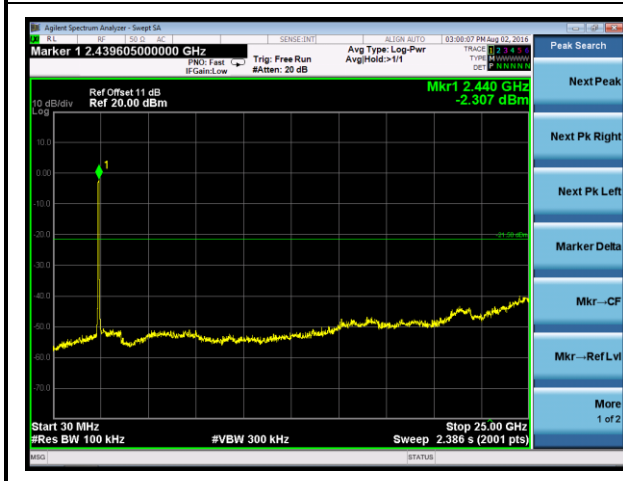
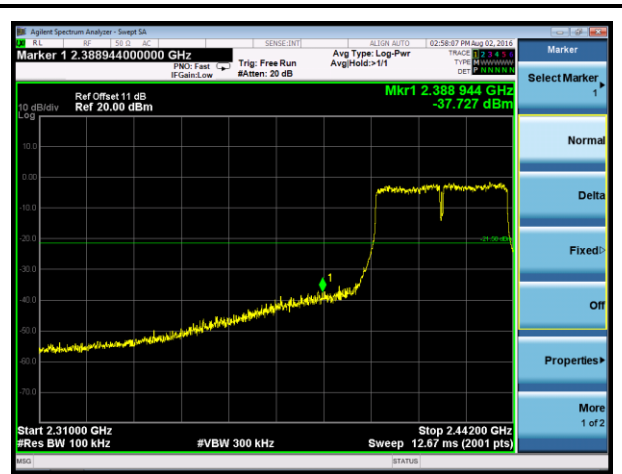
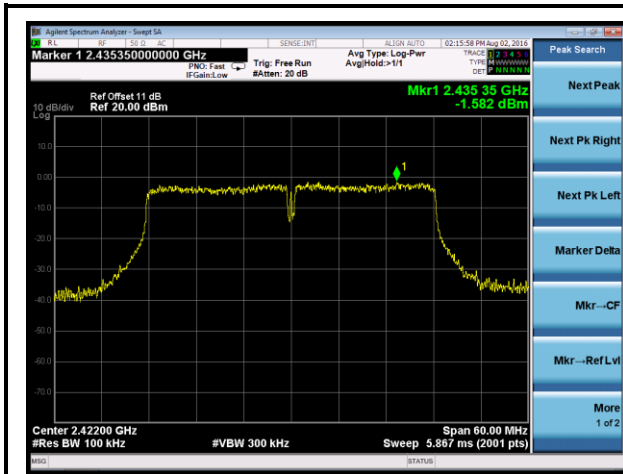


Mode 3: Transmit by 802.11n20 (2462MHz)



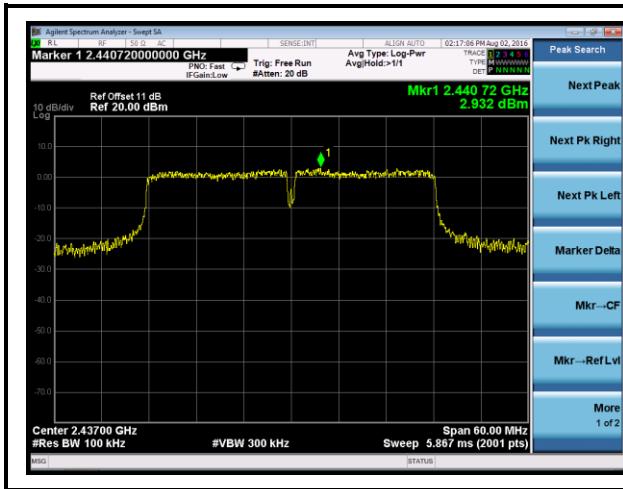


Mode 4: Transmit by 802.11n (40MHz) (2422MHz)

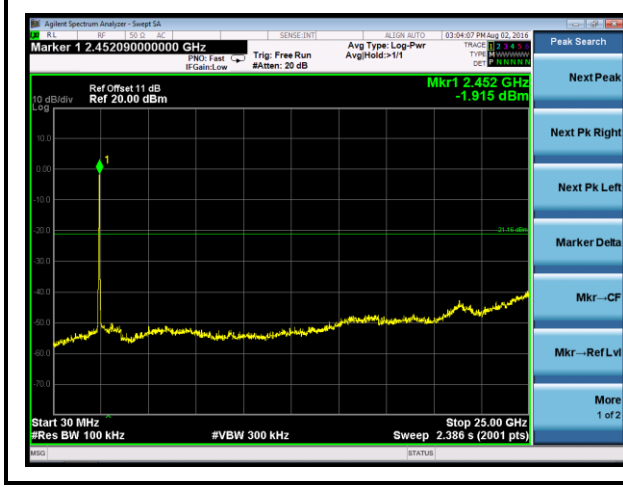
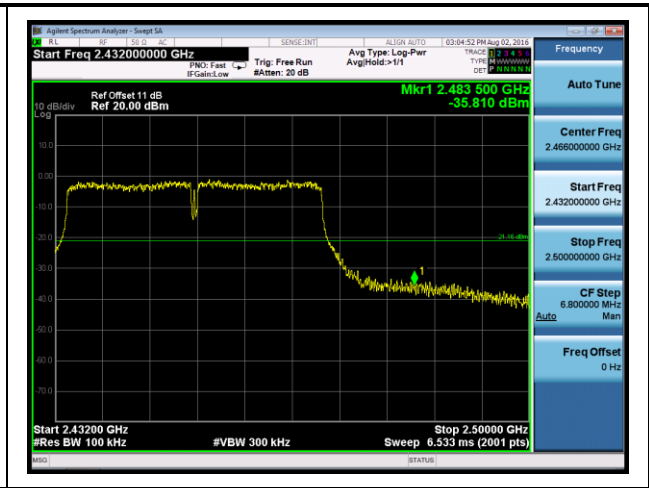
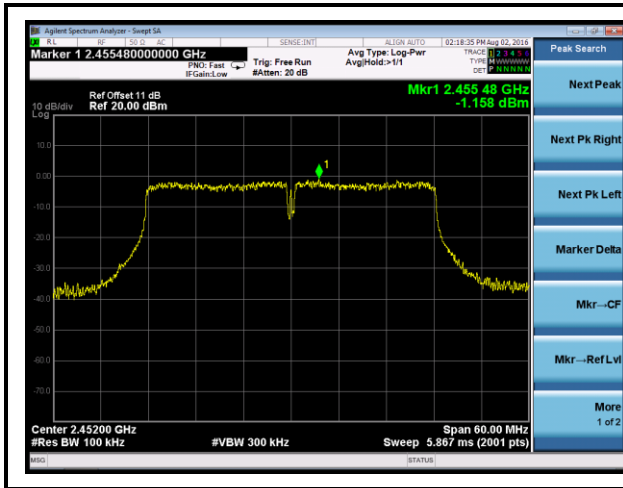




Mode 4: Transmit by 802.11n (40MHz) (2437MHz)



Mode 4: Transmit by 802.11n (40MHz) (2452MHz)







## 10. Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 – 0.11000	16.42000 – 16.42300	399.9 – 410.0	4.500 – 5.250
0.49500 – 0.505**	16.69475 – 16.69525	608.0 – 614.0	5.350 – 5.460
2.17350 – 2.19050	16.80425 – 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 – 25.67000	1300.0 – 1427.0	8.025 – 8.500
4.17725 – 4.17775	37.50000 – 38.25000	1435.0 – 1626.5	9.000 – 9.200
4.20725 – 4.20775	73.00000 – 74.60000	1645.5 – 1646.5	9.300 – 9.500
6.21500 – 6.21800	74.80000 – 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 – 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 – 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 – 8.29400	149.90000 – 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 – 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 – 8.38675	156.70000 – 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 – 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 – 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 – 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 – 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

\*\* : Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

### 10.1 Labeling Requirement

The device shall bear the following statement in a conspicuous location on the device:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.