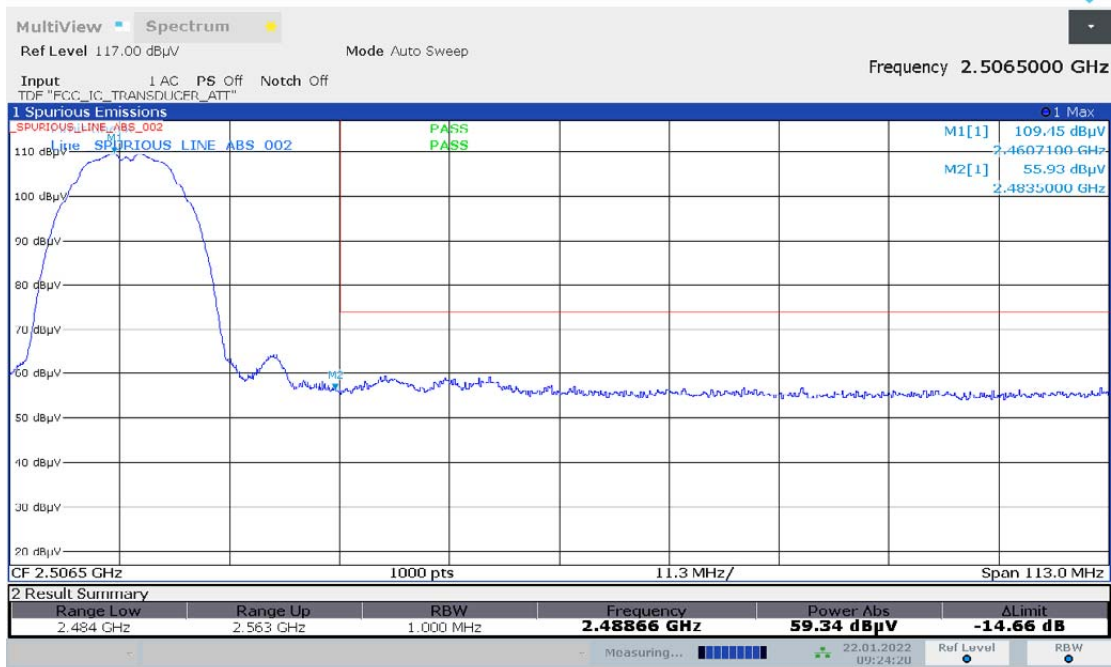


**Restricted Band Edge (High Channel, Vertical, Peak) graphical screen shot**



09:20:22 22.01.2022

**Restricted Band Edge (High Channel, Horizontal, Peak) graphical screen shot**



09:24:21 22.01.2022

### Restricted Band Edge (High Channel, Vertical, Average) graphical screen shot



09:39:12 22.01.2022

### Restricted Band Edge (High Channel, Horizontal, Average) graphical screen shot



09:49:37 22.01.2022

**Test: WIFI SAC Restricted Band Edge**  
**Model Number: AAH02JDH9VA1AN S/N: 867TYB2909 EMC SR ID#: 32751-EMC-00013**  
**Battery: PMNN4493A Accessory: PMAD4120A**  
**Test Channel: Low Test Frequency: 2412.0000 MHz Test Standard: ANSI C63.10-2013**  
**Worst Case Plane: X-Plane (802.11g)**

**Restricted Band Edge (Low Channel) tabular data**

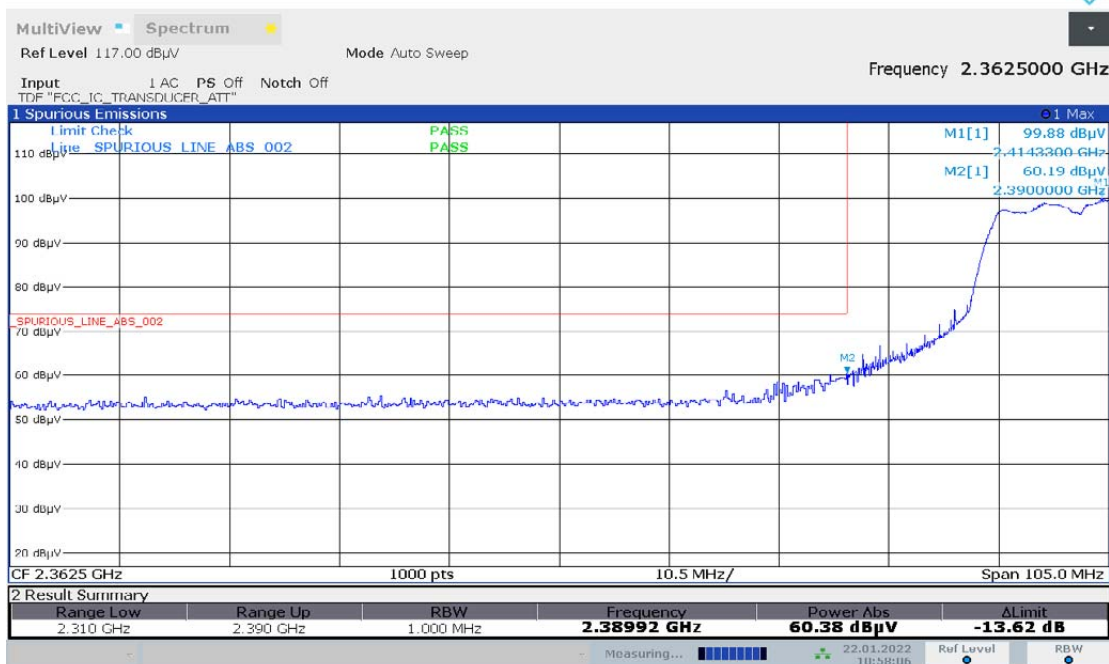
Vertical Radiated Emission Result										
Spur Freq (MHz)	Spur level QPK (dBµV/m)	Spur level PK (dBµV/m)	Spur level AV (dBµV/m)	Limit QPK (dBµV/m)	Limit PK (dBµV/m)	Limit AV (dBµV/m)	Margin QPK (dBµV/m)	Margin PK (dBµV/m)	Margin AV (dBµV/m)	Carrier PK Power (dBµV/m)
2390.0000	-	54.7508	44.7152	-	74.0000	54.0000	-	-19.2492	-9.2848	-
Horizontal Radiated Emission Result										
2390.0000	-	65.5916	45.8342	-	74.0000	54.0000	-	-8.4084	-8.1658	-

Remarks: Pass Result	Marginal Result	Fail Result
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**Temperature (degC): 24.1**  
**Test Performed by: Qawiman&Nazrin**  
**System MU: 5.84dB**

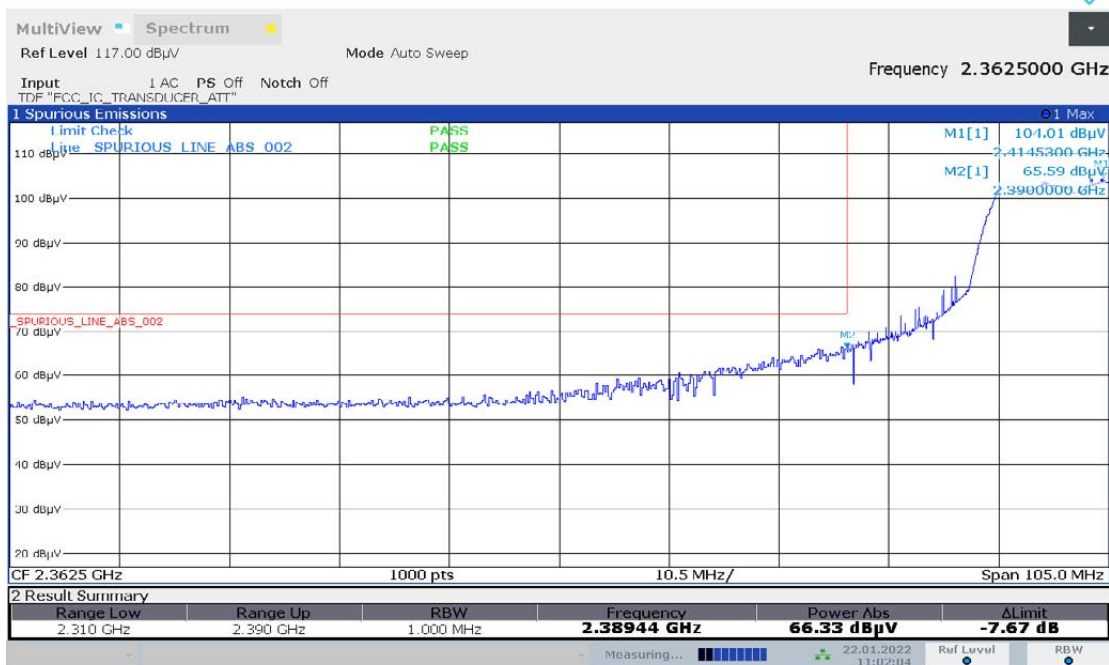
**Humidity (%): 70.1**  
**Test Date: Sat, 22 Jan, 2022**

### Restricted Band Edge (Low Channel, Vertical, Peak) graphical screen shot



10:58:06 22.01.2022

### Restricted Band Edge (Low Channel, Horizontal, Peak) graphical screen shot



11:02:04 22.01.2022

### Restricted Band Edge (Low Channel, Vertical, Average) graphical screen shot



11:09:54 22.01.2022

### Restricted Band Edge (Low Channel, Horizontal, Average) graphical screen shot



11:13:57 22.01.2022

**Test: WIFI SAC Restricted Band Edge**  
**Model Number: AAH02JDH9VA1AN S/N: 867TYB2909 EMC SR ID#: 32751-EMC-00013**  
**Battery: PMNN4493A Accessory: PMAD4120A**  
**Test Channel: High Test Frequency: 2462.0000 MHz Test Standard: ANSI C63.10-2013**  
**Worst Case Plane: X-Plane (802.11g)**

**Restricted Band Edge (High Channel) tabular data**

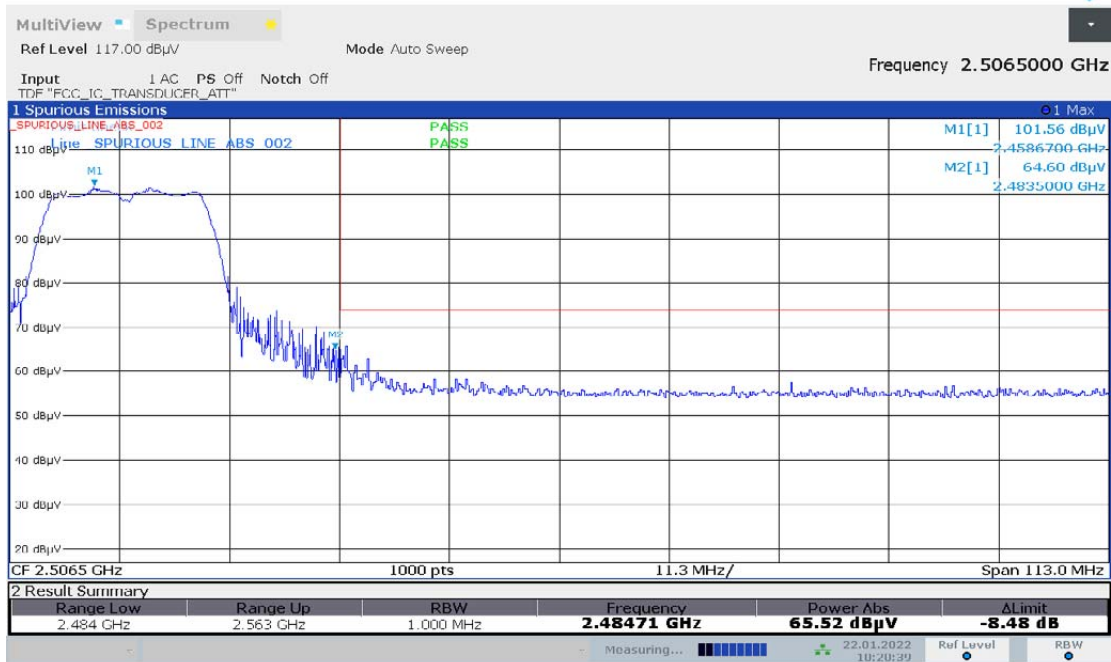
Vertical Radiated Emission Result										
Spur Freq (MHz)	Spur level QPK (dBμV/m)	Spur level PK (dBμV/m)	Spur level AV (dBμV/m)	Limit QPK (dBμV/m)	Limit PK (dBμV/m)	Limit AV (dBμV/m)	Margin QPK (dBμV/m)	Margin PK (dBμV/m)	Margin AV (dBμV/m)	Carrier PK Power (dBμV/m)
2483.5000	-	64.5991	45.1144	-	74.0000	54.0000	-	-9.4009	-8.8856	-
2484.7110	-	65.5176	-	-	74.0000	-	-	-8.4824	-	-
Horizontal Radiated Emission Result										
2483.5000	-	59.6826	48.2666	-	74.0000	54.0000	-	-14.3174	-5.7334	-
2484.0790	-	-	48.2037	-	-	54.0000	-	-	-5.7963	-

Remarks: Pass Result	Marginal Result	Fail Result
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**Temperature (degC): 24.1**  
**Test Performed by: Qawiman&Nazrin**  
**System MU: 5.84dB**

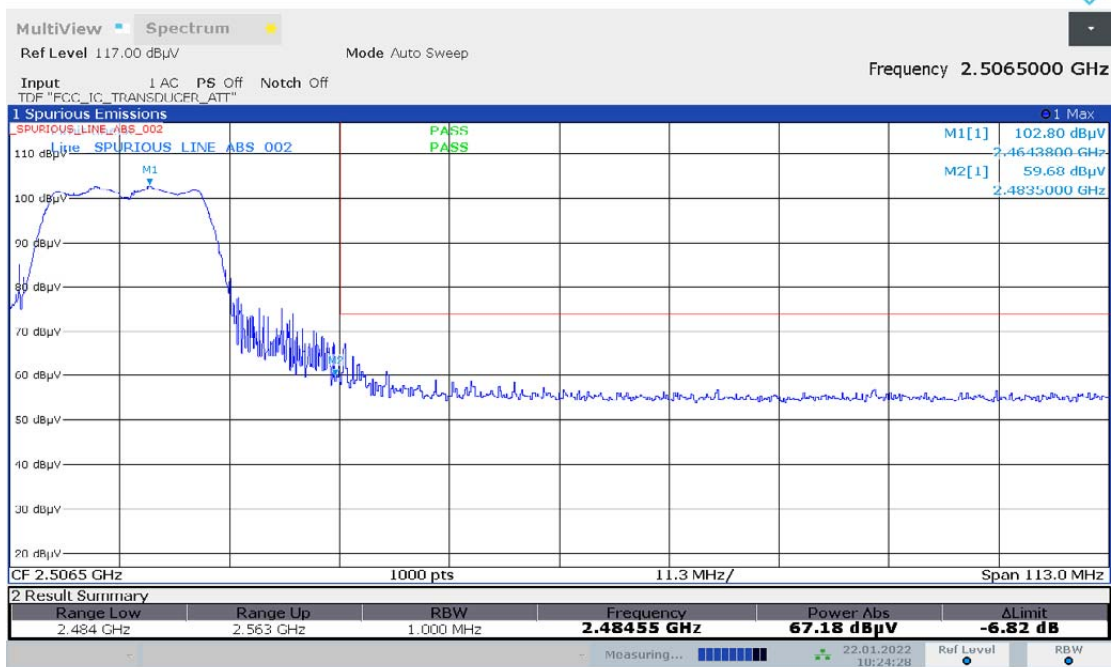
**Humidity (%): 70.1**  
**Test Date: Sat, 22 Jan, 2022**

### Restricted Band Edge (High Channel, Vertical, Peak) graphical screen shot



10:20:40 22.01.2022

### Restricted Band Edge (High Channel, Horizontal, Peak) graphical screen shot



10:24:29 22.01.2022

### Restricted Band Edge (High Channel, Vertical, Average) graphical screen shot



10:38:32 22.01.2022

### Restricted Band Edge (High Channel, Horizontal, Average) graphical screen shot



10:42:15 22.01.2022



**Test: WIFI SAC Restricted Band Edge**

**Model Number: AAH02JDH9VA1AN S/N: 867TYB2909 EMC SR ID#: 32751-EMC-00013**

**Battery: PMNN4493A Accessory: PMAD4120A**

**Test Channel: Low Test Frequency: 2412.0000 MHz Test Standard: ANSI C63.10-2013**

**Worst Case Plane: X-Plane (802.11n)**

**Restricted Band Edge (Low Channel) tabular data**

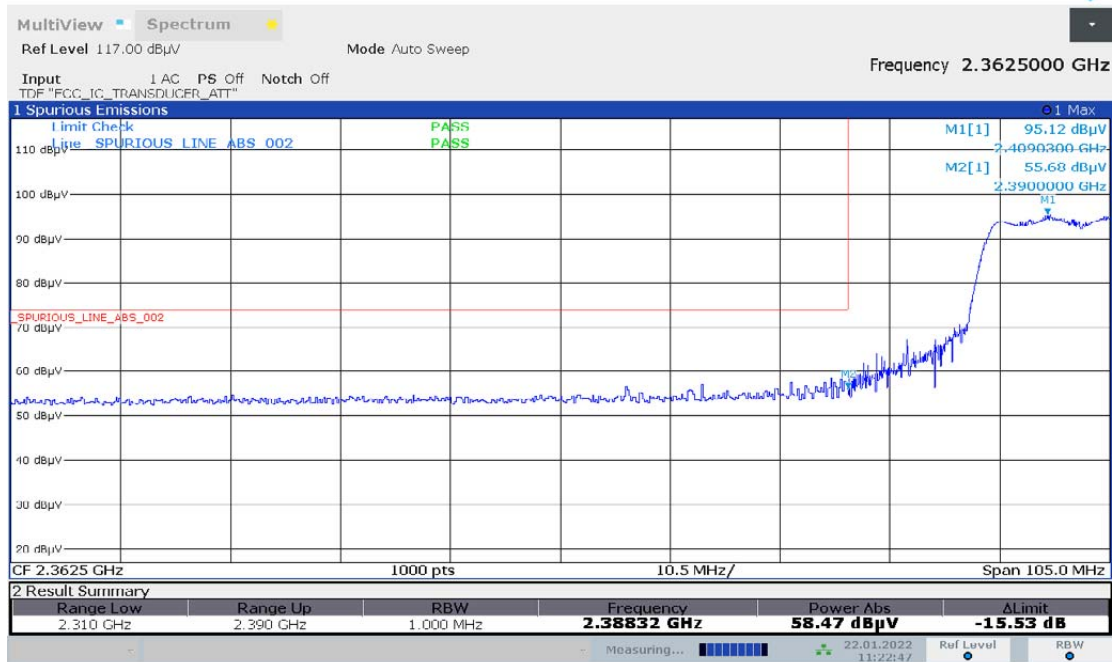
<b>Vertical Radiated Emission Result</b>										
Spur Freq (MHz)	Spur level QPK (dBμV/m)	Spur level PK (dBμV/m)	Spur level AV (dBμV/m)	Limit QPK (dBμV/m)	Limit PK (dBμV/m)	Limit AV (dBμV/m)	Margin QPK (dBμV/m)	Margin PK (dBμV/m)	Margin AV (dBμV/m)	Carrier PK Power (dBμV/m)
2390.0000	-	55.6847	43.8000	-	74.0000	54.0000	-	-18.3153	-10.2000	-
<b>Horizontal Radiated Emission Result</b>										
2390.0000	-	64.6208	45.1390	-	74.0000	54.0000	-	-9.3792	-8.8610	-

Remarks: Pass Result	Marginal Result	Fail Result
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**Temperature (degC): 24.1**  
**Test Performed by: Qawiman&Nazrin**  
**System MU: 5.84dB**

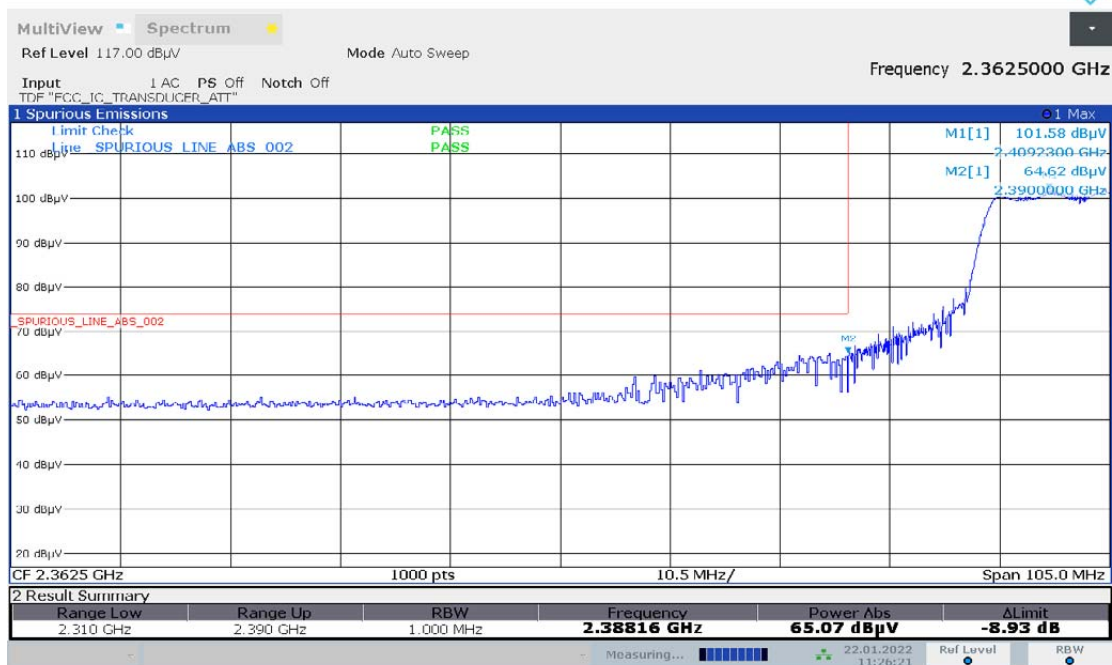
**Humidity (%): 70.1**  
**Test Date: Sat, 22 Jan, 2022**

**Restricted Band Edge (Low Channel, Vertical, Peak) graphical screen shot**



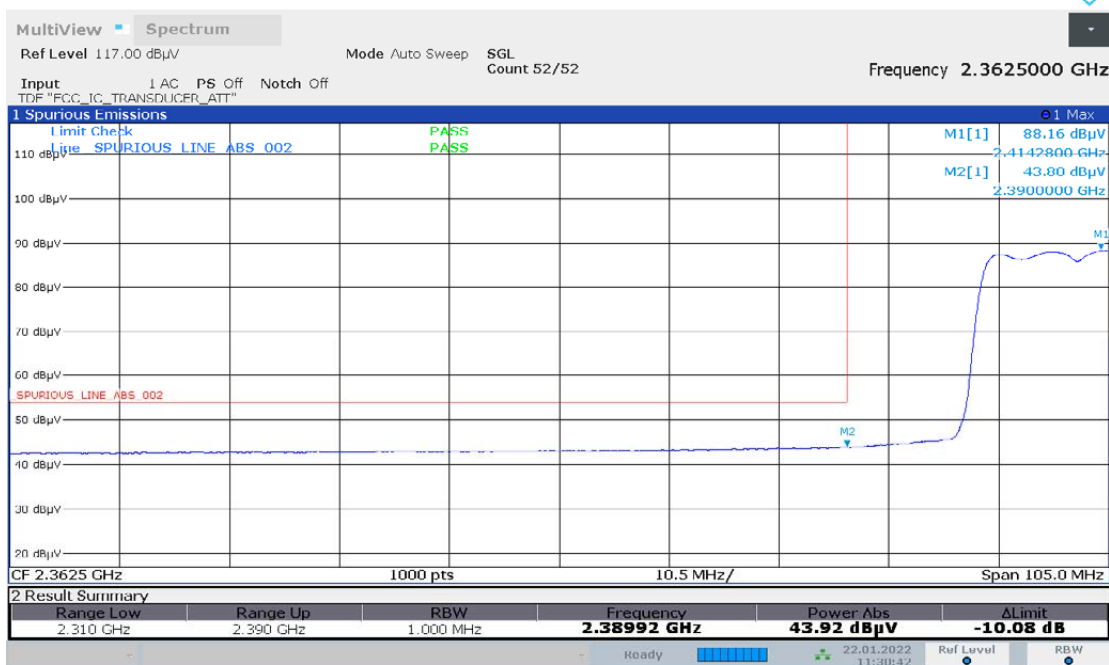
11:22:47 22.01.2022

**Restricted Band Edge (Low Channel, Horizontal, Peak) graphical screen shot**



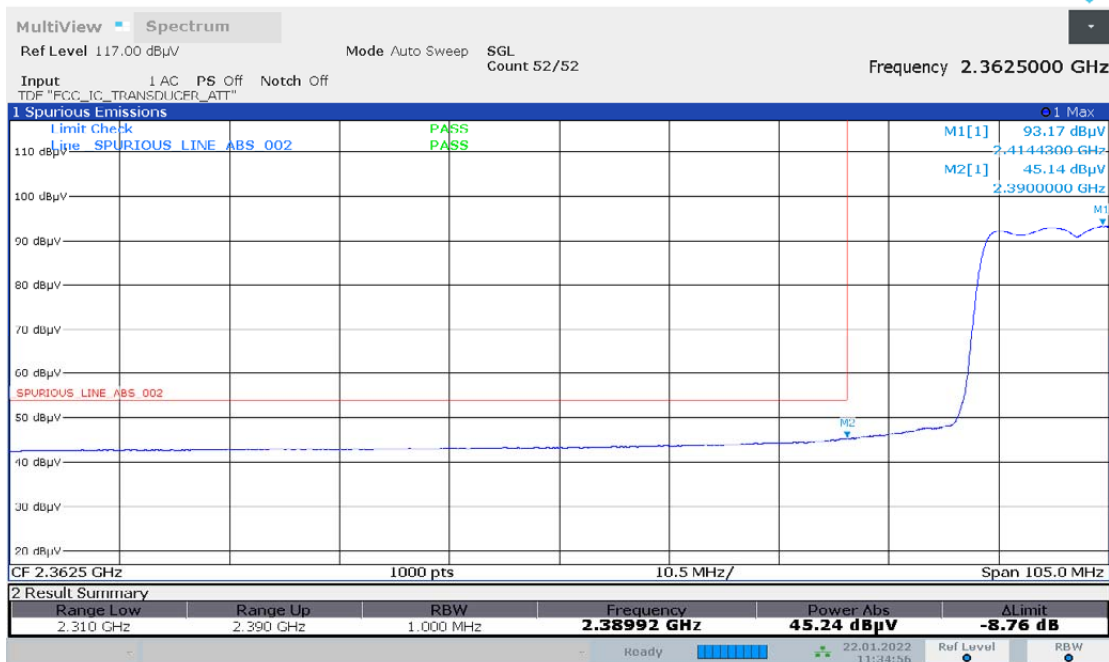
11:26:21 22.01.2022

### Restricted Band Edge (Low Channel, Vertical, Average) graphical screen shot



11:30:43 22.01.2022

### Restricted Band Edge (Low Channel, Horizontal, Average) graphical screen shot



11:34:56 22.01.2022

**Test: WIFI SAC Restricted Band Edge**  
**Model Number: AAH02JDH9VA1AN S/N: 867TYB2909 EMC SR ID#: 32751-EMC-00013**  
**Battery: PMNN4493A Accessory: PMAD4120A**  
**Test Channel: High Test Frequency: 2462.0000 MHz Test Standard: ANSI C63.10-2013**  
**Worst Case Plane: X-Plane (802.11n)**

**Restricted Band Edge (High Channel) tabular data**

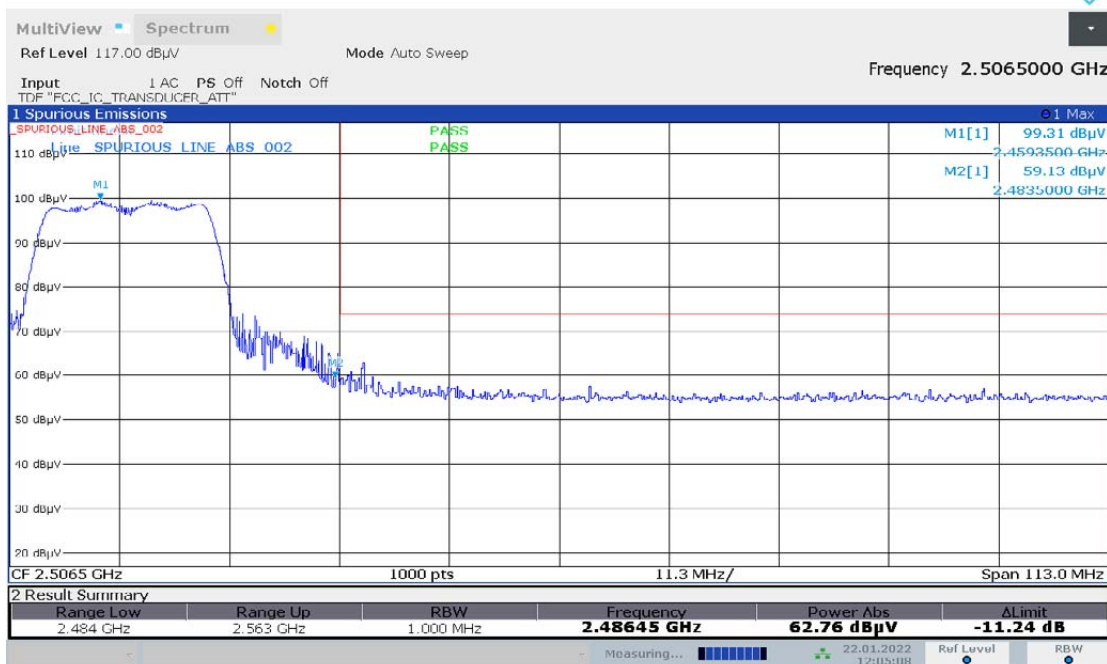
Vertical Radiated Emission Result										
Spur Freq (MHz)	Spur level QPK (dBµV/m)	Spur level PK (dBµV/m)	Spur level AV (dBµV/m)	Limit QPK (dBµV/m)	Limit PK (dBµV/m)	Limit AV (dBµV/m)	Margin QPK (dBµV/m)	Margin PK (dBµV/m)	Margin AV (dBµV/m)	Carrier PK Power (dBµV/m)
2483.5000	-	59.1296	45.2935	-	74.0000	54.0000	-	-14.8704	-8.7065	-
Horizontal Radiated Emission Result										
2483.5000	-	60.3378	48.0111	-	74.0000	54.0000	-	-13.6622	-5.9889	-

Remarks: Pass Result	Marginal Result	Fail Result
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**Temperature (degC): 24.1**  
**Test Performed by: Qawiman&Nazrin**  
**System MU: 5.84dB**

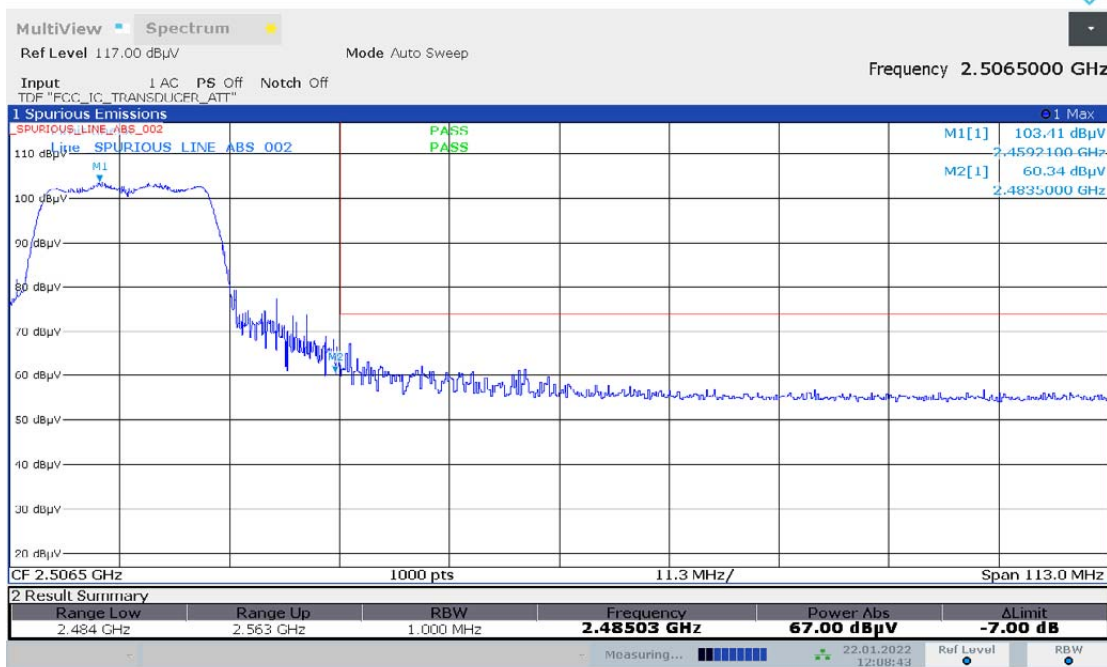
**Humidity (%): 70.1**  
**Test Date: Sat, 22 Jan, 2022**

**Restricted Band Edge (High Channel, Vertical, Peak) graphical screen shot**



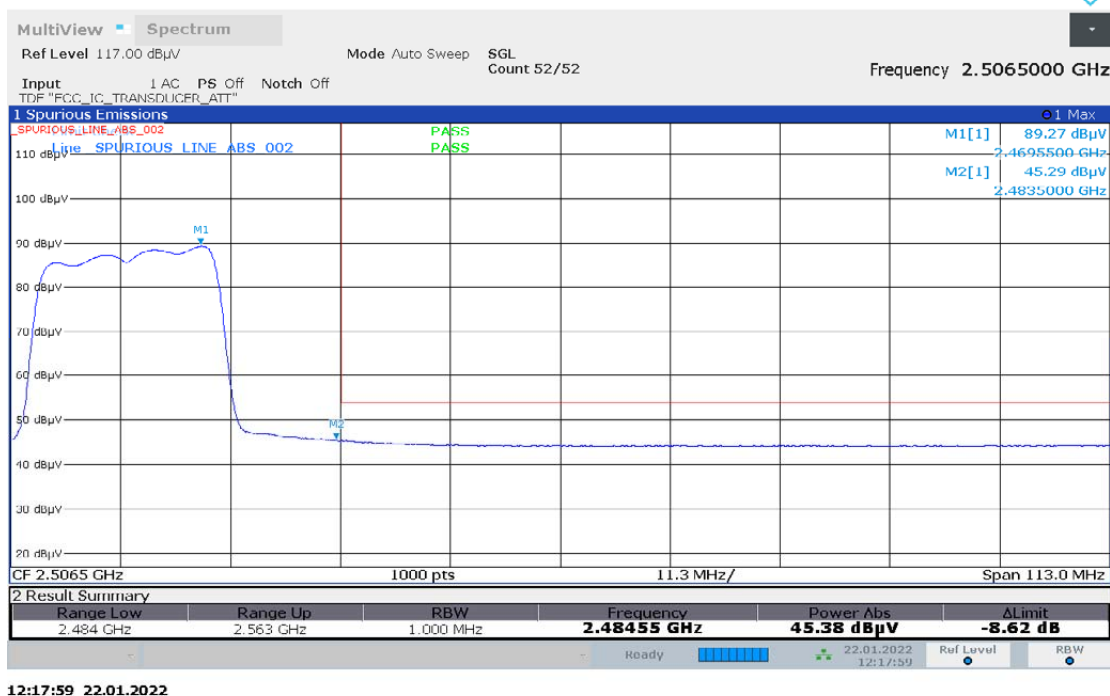
12:05:09 22.01.2022

**Restricted Band Edge (High Channel, Horizontal, Peak) graphical screen shot**

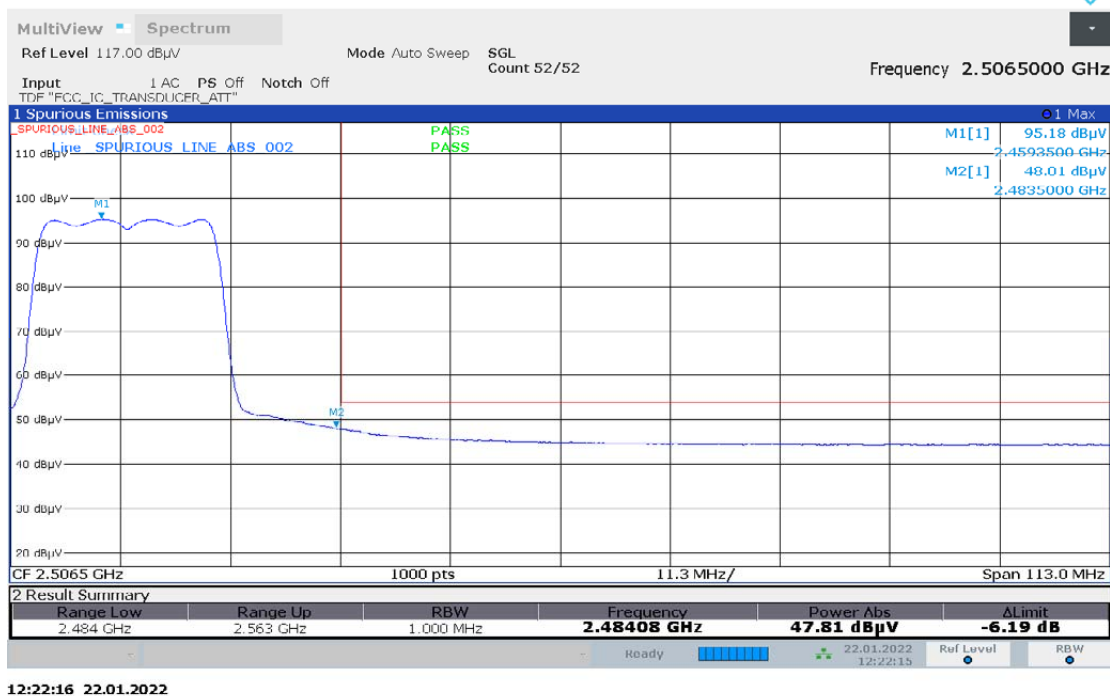


12:08:44 22.01.2022

### Restricted Band Edge (High Channel, Vertical, Average) graphical screen shot



### Restricted Band Edge (High Channel, Horizontal, Average) graphical screen shot



Test: WIFI SAC Transmitter Radiated Emission

Model#: AAH02JDH9VA1AN S/N: 867TYB2909 EMC SR ID#: 32751-EMC-00013  
 Battery: PMNN4493A Accessory: PMAD4120A  
 Test Channel: Low Test Frequency: 2412.0000 MHz Test Standard: ANSI C63.10-2013  
 Worst Case Plane: X-Plane (802.11b)

Radiated Emission (Low Channel) tabular data

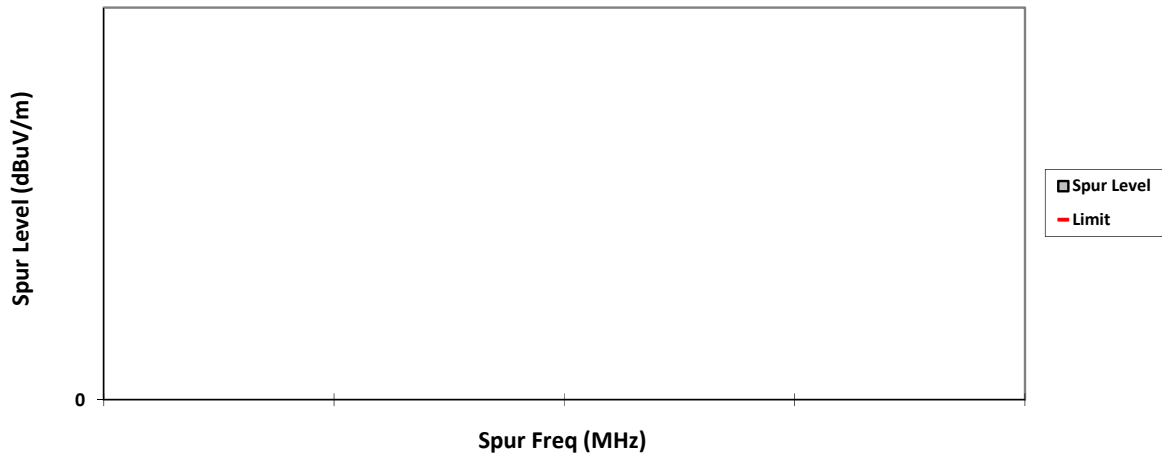
Vertical Radiated Emission Result										
Spur Freq (MHz)	Spur level QPK (dBµV/m)	Spur level PK (dBµV/m)	Spur level AV (dBµV/m)	Limit QPK (dBµV/m)	Limit PK (dBµV/m)	Limit AV (dBµV/m)	Margin QPK (dBµV/m)	Margin PK (dBµV/m)	Margin AV (dBµV/m)	Carrier PK Power (dBµV/m)
4824	-	49.2574**	-	-	74.0	-	-	24.7426	-	-
7236	-	55.1060**	-	-	75.8	-	-	20.6530	-	105.7590
9648	-	56.4167**	-	-	75.8	-	-	19.3423	-	105.7590
12060	-	60.1081**	48.6450**	-	74.0	54.0	-	13.8919	5.3550	-
14472	-	63.4107**	52.0177**	-	74.0	54.0	-	10.5893	1.9823	-
16884	-	64.6439**	-	-	75.8	-	-	11.1151	-	105.7590
19296	-	34.9273**	-	-	74.0	-	-	39.0727	-	-
21708	-	37.3939**	-	-	75.8	-	-	38.3651	-	105.7590
24120	-	38.0918**	-	-	75.8	-	-	37.6672	-	105.7590
Horizontal Radiated Emission Result										
4824	-	51.0761**	-	-	74.0	-	-	22.9239	-	-
7236	-	54.4391**	-	-	75.8	-	-	21.3199	-	105.7590
9648	-	56.7283**	-	-	75.8	-	-	19.0307	-	105.7590
12060	-	60.0335**	48.8618**	-	74.0	54.0	-	13.9665	5.1382	-
14472	-	64.1393**	52.0169**	-	74.0	54.0	-	9.8607	1.9831	-
16884	-	65.2030**	-	-	75.8	-	-	10.5560	-	105.7590
19296	-	35.9138**	-	-	74.0	-	-	38.0862	-	-
21708	-	38.0285**	-	-	75.8	-	-	37.7305	-	105.7590
24120	-	40.2060**	-	-	75.8	-	-	35.5530	-	105.7590

Remarks: Pass Result	Marginal Result	Fail Result
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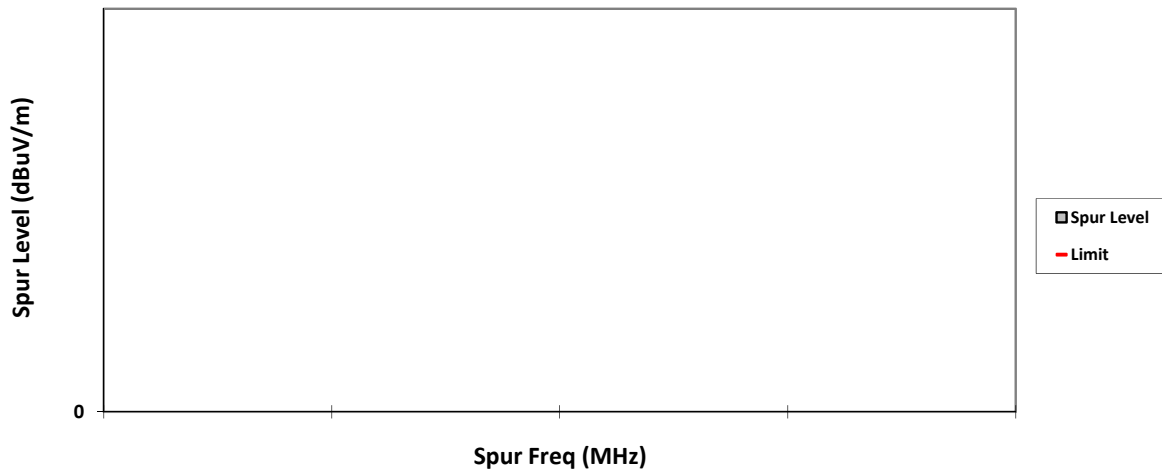
Temperature (degC): 24.1 Humidity (%): 70.1  
 Test Performed by: Qawiman&Nazrin Test Date: Sun, 23 Jan, 2022  
 System MU: 5.88 dB (30-1000MHz), 5.84 dB (1000-18000MHz), 6.02 dB (18000MHz-40000MHz)

Remarks: \*\* Indicates the spurious emission could not be detected due to noise limitations or ambient.  
 \*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

**VERTICAL, QPK**

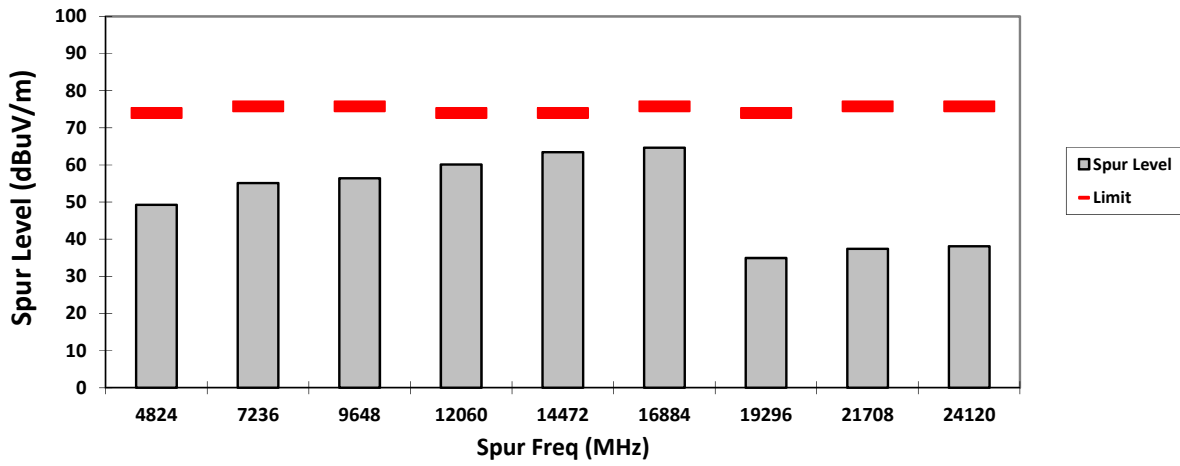


**HORIZONTAL, QPK**

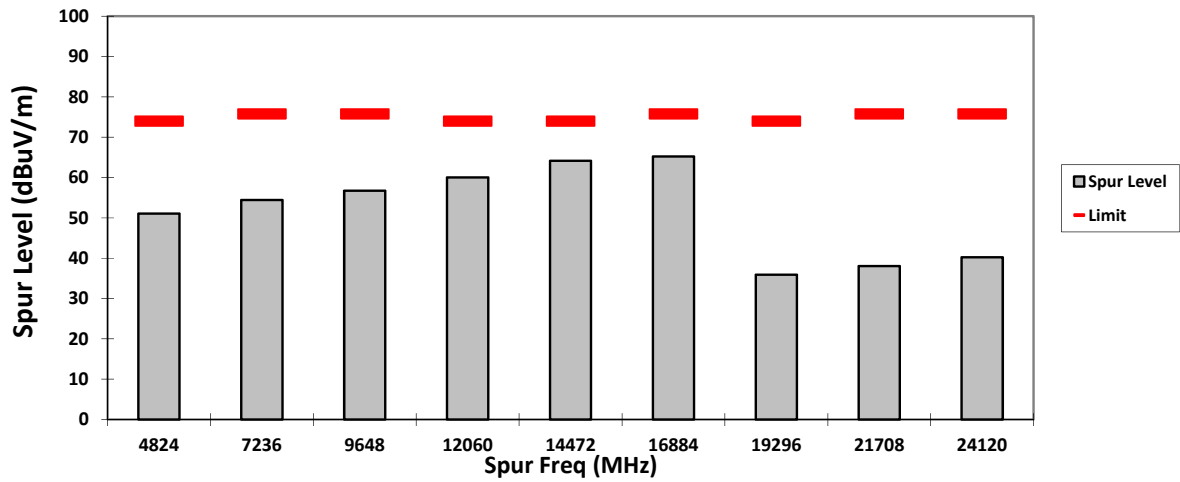




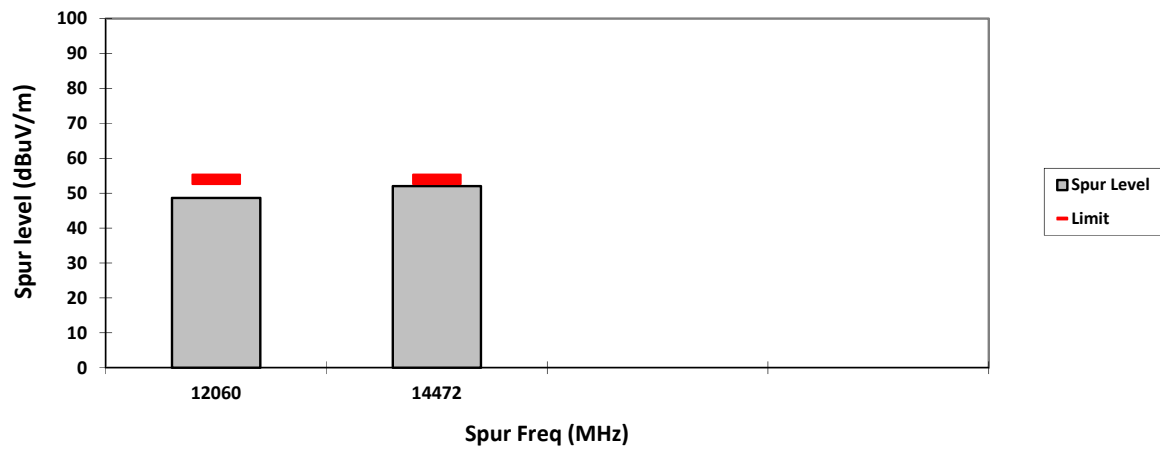
### VERTICAL, PK



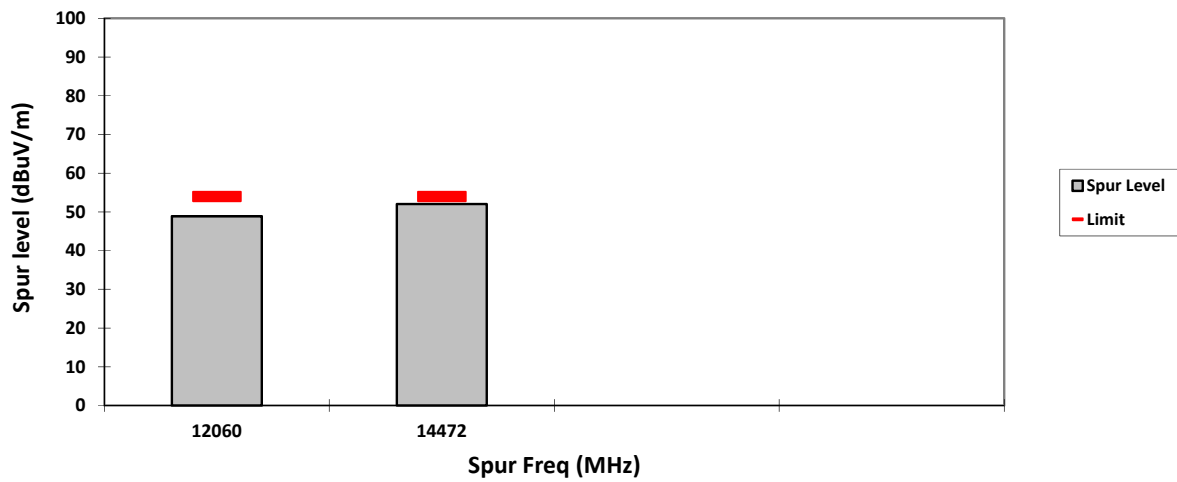
### HORIZONTAL, PK



### VERTICAL, AV



### HORIZONTAL, AV



Test: WIFI SAC Transmitter Radiated Emission

Model#: AAH02JDH9VA1AN      S/N: 867TYB2909      EMC SR ID#: 32751-EMC-00013

Battery: PMNN4493A      Accessory: PMAD4120A

Test Channel: Mid      Test Frequency: 2437.0000 MHz      Test Standard: ANSI C63.10-2013 Worst Case Plane:  
X-Plane (802.11b)

Radiated Emission (Mid Channel) tabular data

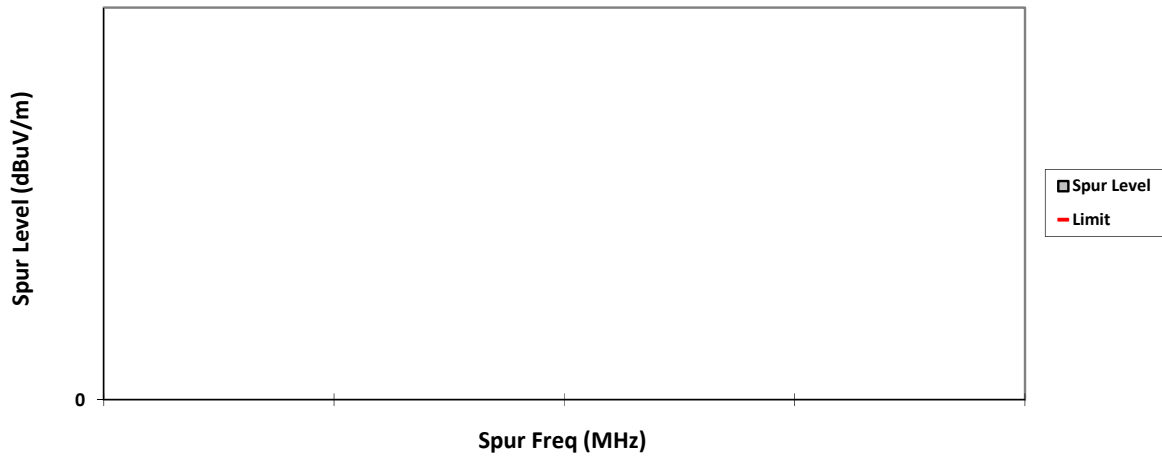
Vertical Radiated Emission Result										
Spur Freq (MHz)	Spur level QPK (dBµV/m)	Spur level PK (dBµV/m)	Spur level AV (dBµV/m)	Limit QPK (dBµV/m)	Limit PK (dBµV/m)	Limit AV (dBµV/m)	Margin QPK (dBµV/m)	Margin PK (dBµV/m)	Margin AV (dBµV/m)	Carrier PK Power (dBµV/m)
4874	-	48.6956**	-	-	74.0	-	-	25.3044	-	-
7311	-	56.1241**	43.2932**	-	74.0	54.0	-	17.8759	10.7068	-
9748	-	58.7257**	-	-	75.8	-	-	17.0333	-	105.7590
12185	-	60.4450**	48.9718**	-	74.0	54.0	-	13.5550	5.0282	-
14622	-	63.3029**	-	-	75.8	-	-	12.4561	-	105.7590
17059	-	64.8614**	-	-	75.8	-	-	10.8976	-	105.7590
19496	-	34.0883**	-	-	74.0	-	-	39.9117	-	-
21933	-	36.4766**	-	-	75.8	-	-	39.2824	-	105.7590
24370	-	40.6697**	-	-	75.8	-	-	35.0893	-	105.7590
Horizontal Radiated Emission Result										
4874	-	49.6695**	-	-	74.0	-	-	24.3305	-	-
7311	-	54.7800**	43.2920**	-	74.0	54.0	-	19.2200	10.7080	-
9748	-	56.6700**	-	-	75.8	-	-	19.0890	-	105.7590
12185	-	60.6624**	48.9719**	-	74.0	54.0	-	13.3376	5.0281	-
14622	-	61.2940**	-	-	75.8	-	-	14.4650	-	105.7590
17059	-	67.2655**	-	-	75.8	-	-	8.4935	-	105.7590
19496	-	34.8417**	-	-	74.0	-	-	39.1583	-	-
21933	-	35.8799**	-	-	75.8	-	-	39.8791	-	105.7590
24370	-	40.3608**	-	-	75.8	-	-	35.3982	-	105.7590

Remarks: Pass Result	Marginal Result	Fail Result
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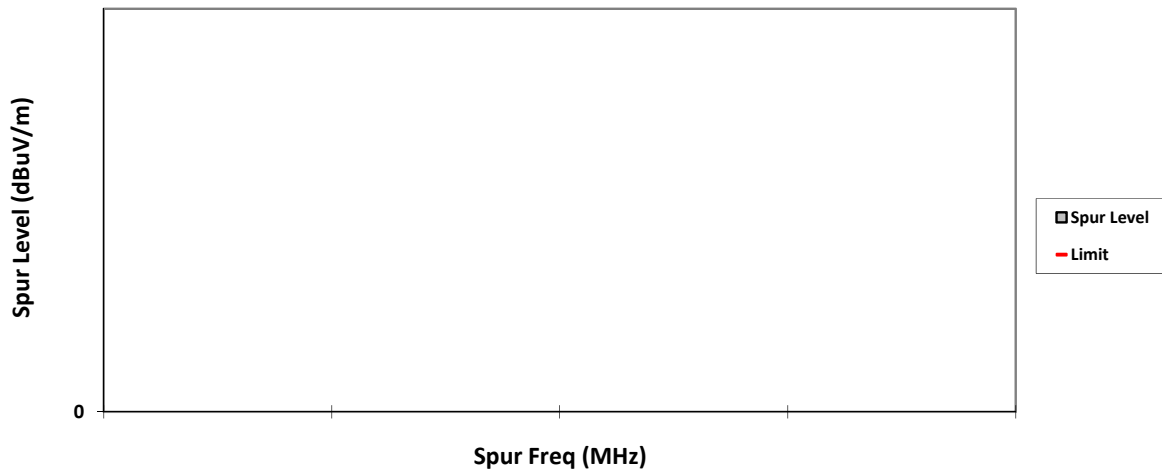
Temperature (degC): 24.1      Humidity (%): 70.1  
Test Performed by: Qawiman&Nazrin      Test Date: Sun, 23 Jan, 2022  
System MU: 5.88 dB (30-1000MHz), 5.84 dB (1000-18000MHz), 6.02 dB (18000MHz-40000MHz)

Remarks: \*\* Indicates the spurious emission could not be detected due to noise limitations or ambient.  
\*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

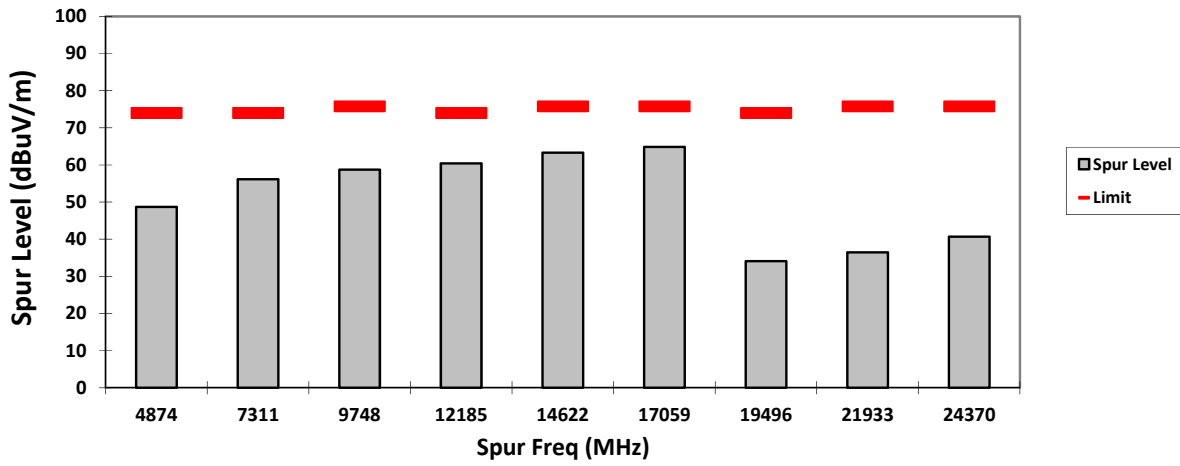
**VERTICAL, QPK**



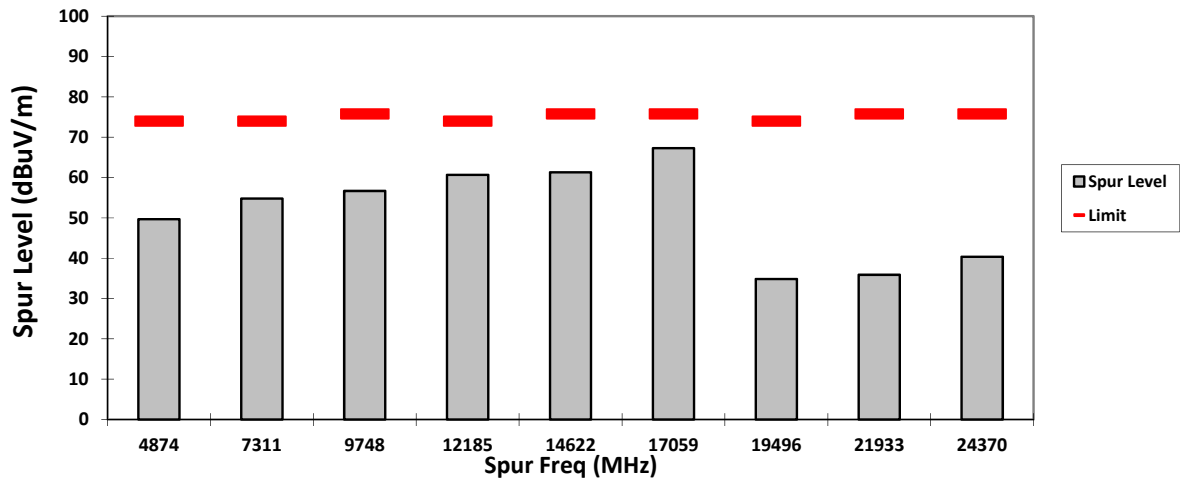
**HORIZONTAL, QPK**



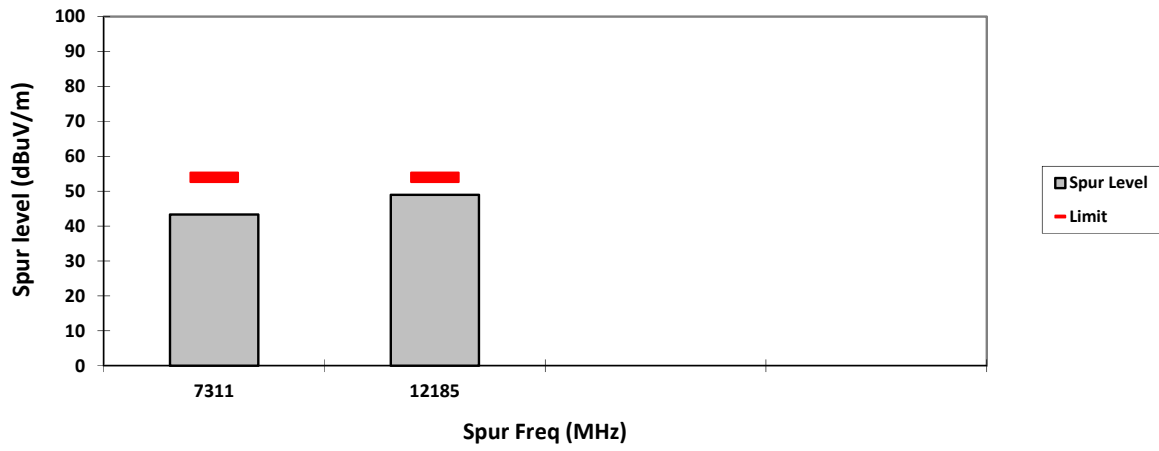
### VERTICAL, PK



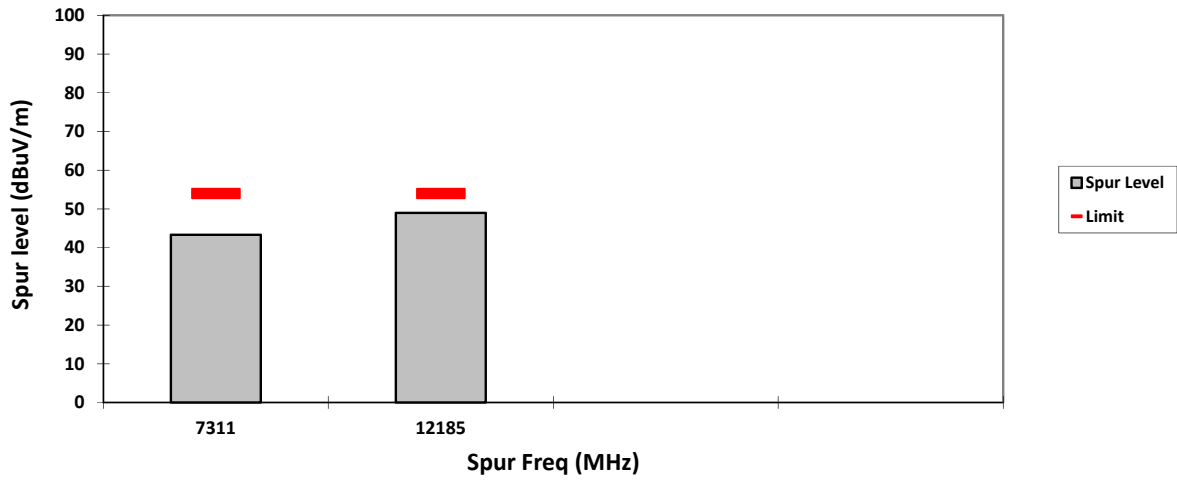
### HORIZONTAL, PK



### VERTICAL, AV



### HORIZONTAL, AV



**Test: WIFI SAC Transmitter Radiated Emission**

**Model#: AAH02JDH9VA1AN**      **S/N: 867TYB2909**      **EMC SR ID#: 32751-EMC-00013**  
**Battery: PMNN4493A**      **Accessory: PMAD4120A**  
**Test Channel: High**      **Test Frequency: 2462.0000 MHz**      **Test Standard: ANSI C63.10-2013**  
**Worst Case Plane: X-Plane (802.11b)**

**Radiated Emission (High Channel) tabular data**

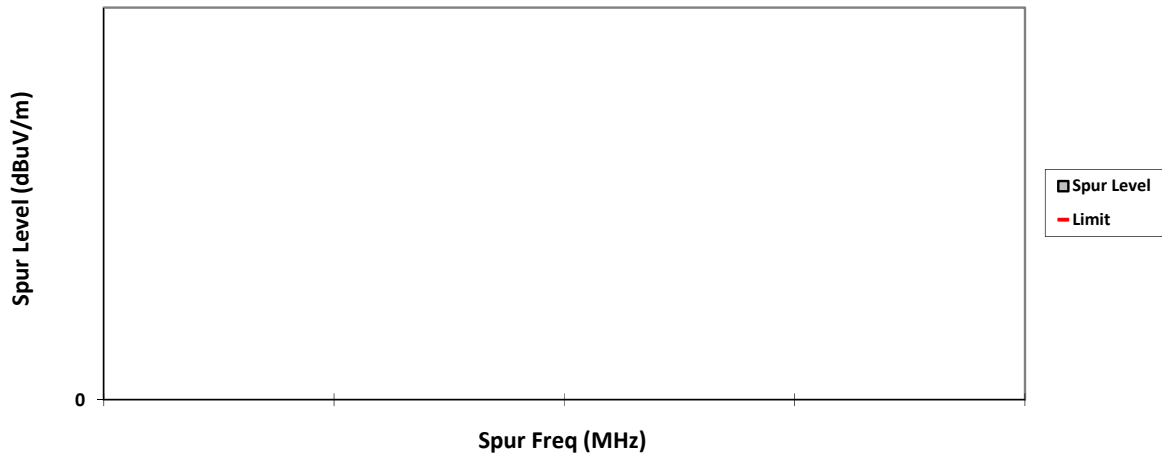
<b>Vertical Radiated Emission Result</b>										
Spur Freq (MHz)	Spur level QPK (dBµV/m)	Spur level PK (dBµV/m)	Spur level AV (dBµV/m)	Limit QPK (dBµV/m)	Limit PK (dBµV/m)	Limit AV (dBµV/m)	Margin QPK (dBµV/m)	Margin PK (dBµV/m)	Margin AV (dBµV/m)	Carrier PK Power (dBµV/m)
4924	-	48.9298**	-	-	74.0	-	-	25.0702	-	-
7386	-	55.7387**	43.9909**	-	74.0	54.0	-	18.2613	10.0091	-
9848	-	57.3003**	-	-	75.8	-	-	18.4587	-	105.7590
12310	-	61.5910**	49.6622**	-	74.0	54.0	-	12.4090	4.3378	-
14772	-	62.8177**	-	-	75.8	-	-	12.9413	-	105.7590
17234	-	65.2506**	-	-	75.8	-	-	10.5084	-	105.7590
19696	-	34.6075**	-	-	74.0	-	-	39.3925	-	-
22158	-	37.5033**	-	-	74.0	-	-	36.4967	-	-
24620	-	40.8424**	-	-	75.8	-	-	34.9166	-	105.7590
<b>Horizontal Radiated Emission Result</b>										
4924	-	50.6214**	-	-	74.0	-	-	23.3786	-	-
7386	-	56.7998**	43.9249**	-	74.0	54.0	-	17.2002	10.0751	-
9848	-	57.4909**	-	-	75.8	-	-	18.2681	-	105.7590
12310	-	61.8992**	49.6610**	-	74.0	54.0	-	12.1008	4.3390	-
14772	-	61.9888**	-	-	75.8	-	-	13.7702	-	105.7590
17234	-	65.4130**	-	-	75.8	-	-	10.3460	-	105.7590
19696	-	35.0501**	-	-	74.0	-	-	38.9499	-	-
22158	-	38.0079**	-	-	74.0	-	-	35.9921	-	-
24620	-	41.9947**	-	-	75.8	-	-	33.7643	-	105.7590

Remarks: Pass Result	<b>Marginal Result</b>	<b>Fail Result</b>
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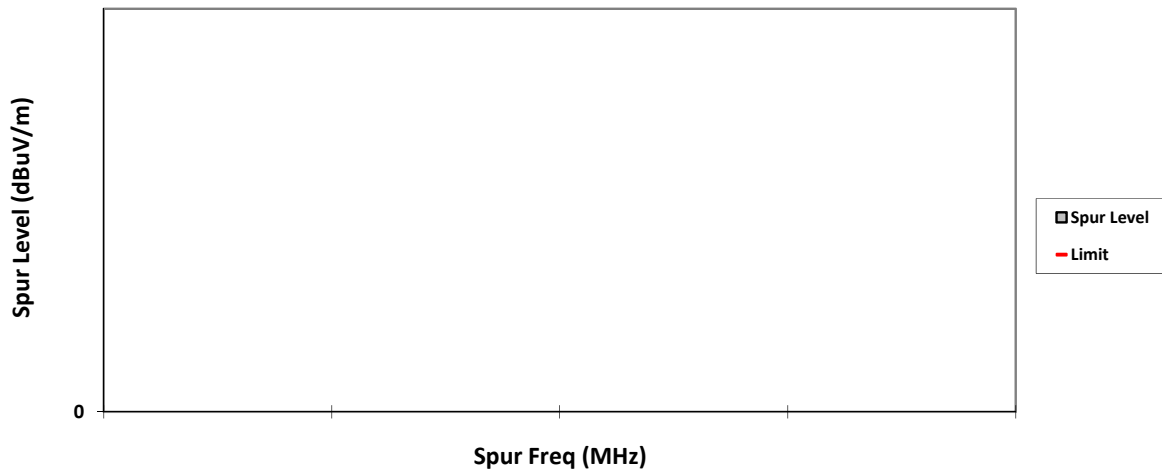
**Temperature (degC): 24.1**      **Humidity (%): 70.1**  
**Test Performed by: Qawiman&Nazrin**      **Test Date: Sun, 23 Jan, 2022**  
**System MU: 5.88 dB (30-1000MHz), 5.84 dB (1000-18000MHz), 6.02 dB (18000MHz-40000MHz)**

Remarks: \*\* Indicates the spurious emission could not be detected due to noise limitations or ambient.  
\*Pursuant to CFR 47 Part 2.1057 ( c ), emissions attenuated more than 20 dB below the permissible limit are not reported.

**VERTICAL, QPK**

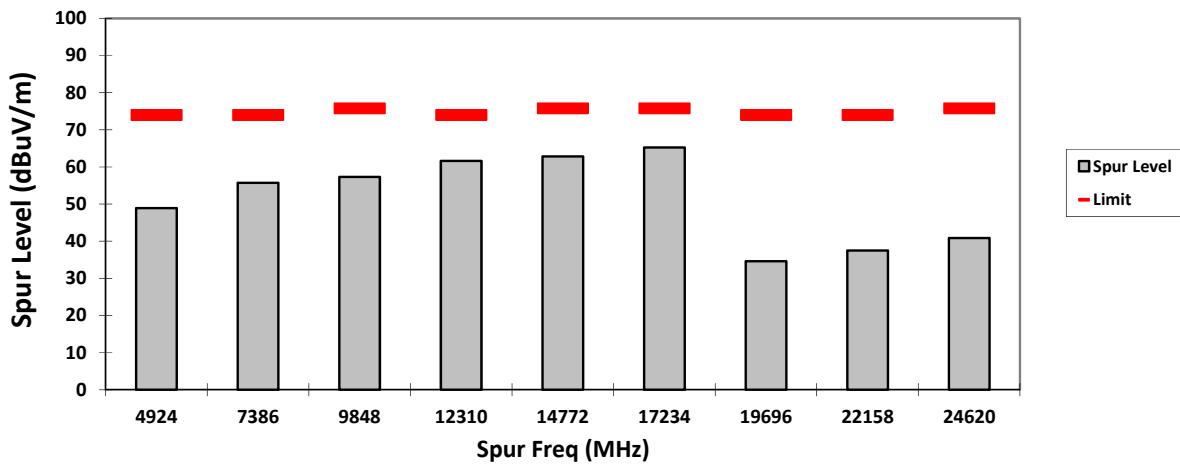


**HORIZONTAL, QPK**

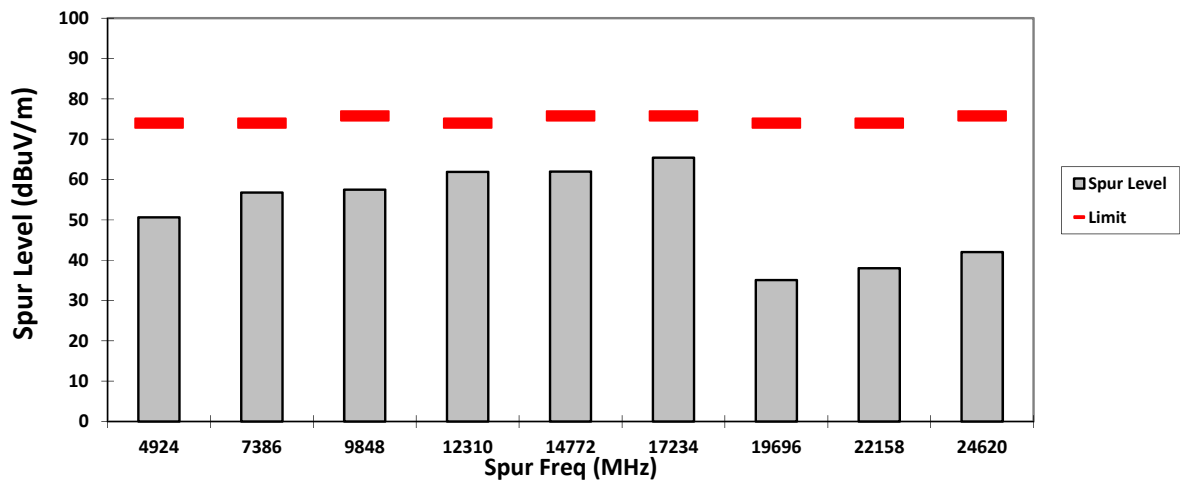




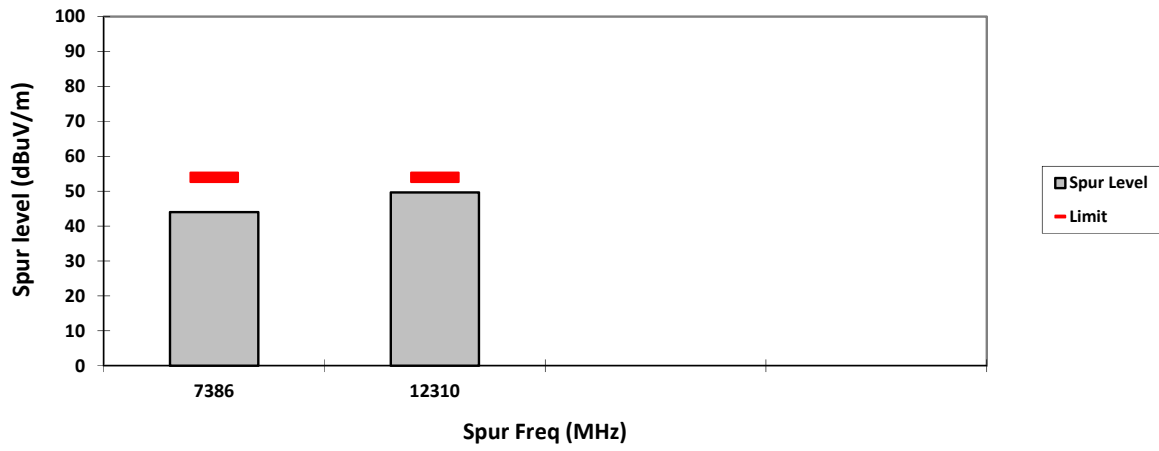
### VERTICAL, PK



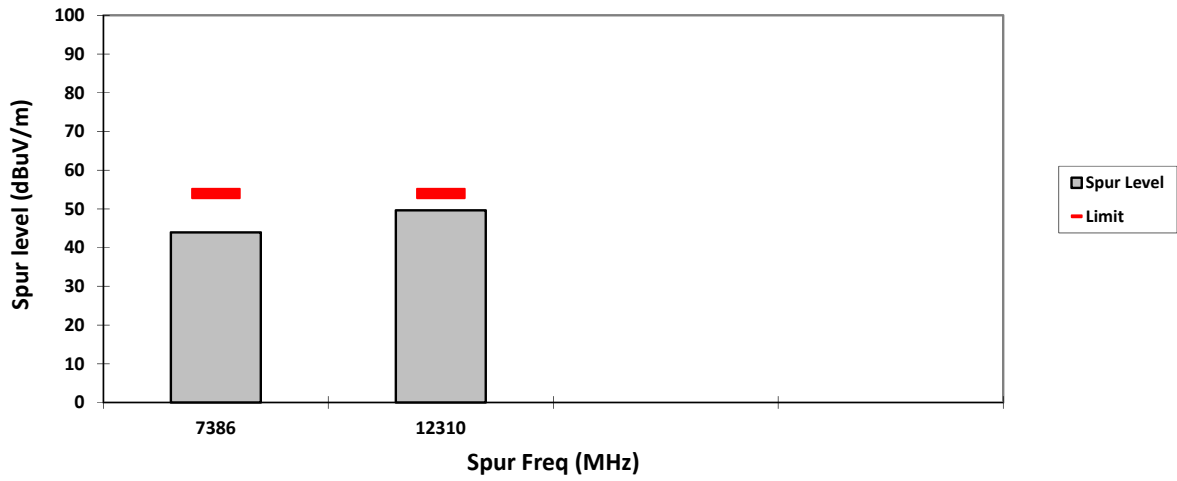
### HORIZONTAL, PK



**VERTICAL, AV**



**HORIZONTAL, AV**



**Test: WIFI SAC Transmitter Radiated Emission**  
**Model#: AAH02JDH9VA1AN S/N: 867TYB2909 EMC SR ID#: 32751-EMC-00013**  
**Battery: PMNN4493A Accessory: PMAD4120A**  
**Test Channel: Low Test Frequency: 2412.0000 MHz Test Standard: ANSI C63.10-2013**  
**Worst Case Plane: X-Plane (802.11g)**

**Radiated Emission (Low Channel) tabular data**

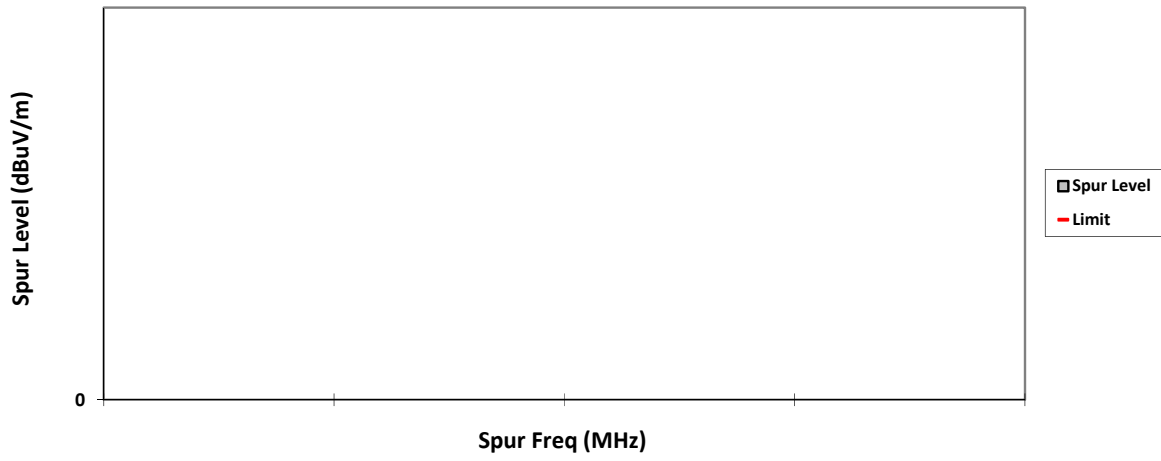
<b>Vertical Radiated Emission Result</b>										
Spur Freq (MHz)	Spur level QPK (dBµV/m)	Spur level PK (dBµV/m)	Spur level AV (dBµV/m)	Limit QPK (dBµV/m)	Limit PK (dBµV/m)	Limit AV (dBµV/m)	Margin QPK (dBµV/m)	Margin PK (dBµV/m)	Margin AV (dBµV/m)	Carrier PK Power (dBµV/m)
4824	-	49.6917**	-	-	74.0	-	-	24.3083	-	-
7236	-	54.2001**	-	-	75.8	-	-	21.5589	-	105.7590
9648	-	58.2891**	-	-	75.8	-	-	17.4699	-	105.7590
12060	-	61.1493**	48.8592**	-	74.0	54.0	-	12.8507	5.1408	-
14472	-	63.9860**	52.0184**	-	74.0	54.0	-	10.0140	1.9816	-
16884	-	65.1881**	-	-	75.8	-	-	10.5709	-	105.7590
19296	-	35.6313**	-	-	74.0	-	-	38.3687	-	-
21708	-	37.3830**	-	-	75.8	-	-	38.3760	-	105.7590
24120	-	37.7471**	-	-	75.8	-	-	38.0119	-	105.7590
<b>Horizontal Radiated Emission Result</b>										
Spur Freq (MHz)	Spur level QPK (dBµV/m)	Spur level PK (dBµV/m)	Spur level AV (dBµV/m)	Limit QPK (dBµV/m)	Limit PK (dBµV/m)	Limit AV (dBµV/m)	Margin QPK (dBµV/m)	Margin PK (dBµV/m)	Margin AV (dBµV/m)	Carrier PK Power (dBµV/m)
4824	-	51.3381**	-	-	74.0	-	-	22.6619	-	-
7236	-	53.6832**	-	-	75.8	-	-	22.0758	-	105.7590
9648	-	55.5330**	-	-	75.8	-	-	20.2260	-	105.7590
12060	-	60.3204**	48.8631**	-	74.0	54.0	-	13.6796	5.1369	-
14472	-	63.2783**	52.0166**	-	74.0	54.0	-	10.7217	1.9834	-
16884	-	64.2276**	-	-	75.8	-	-	11.5314	-	105.7590
19296	-	35.3494**	-	-	74.0	-	-	38.6506	-	-
21708	-	37.7033**	-	-	75.8	-	-	38.0557	-	105.7590
24120	-	38.7529**	-	-	75.8	-	-	37.0061	-	105.7590

Remarks: Pass Result	Marginal Result	Fail Result
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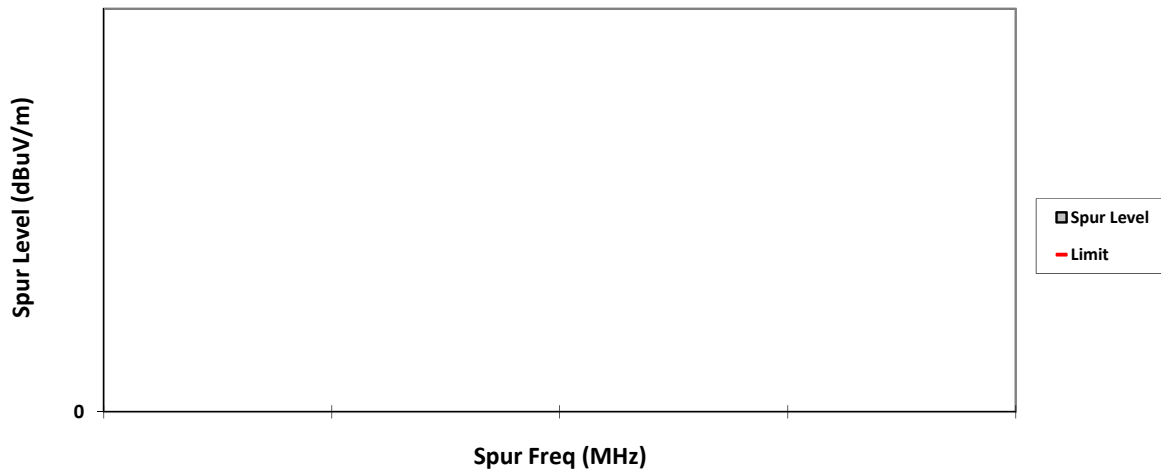
**Temperature (degC): 24.1 Humidity (%): 70.1**  
**Test Performed by: Qawiman&Nazrin Test Date: Sun, 23 Jan, 2022**  
**System MU: 5.88 dB (30-1000MHz), 5.84 dB (1000-18000MHz), 6.02 dB (18000MHz-40000MHz)**

**Remarks: \*\* Indicates the spurious emission could not be detected due to noise limitations or ambient.**  
**\*Pursuant to CFR 47 Part 2.1057 ( c ), emissions attenuated more than 20 dB below the permissible limit are not reported.**

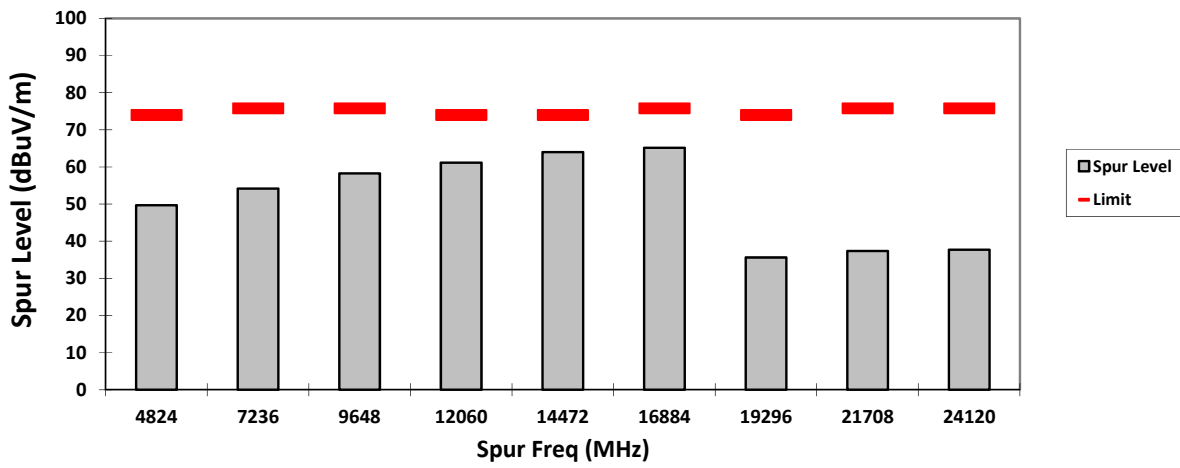
**VERTICAL, QPK**



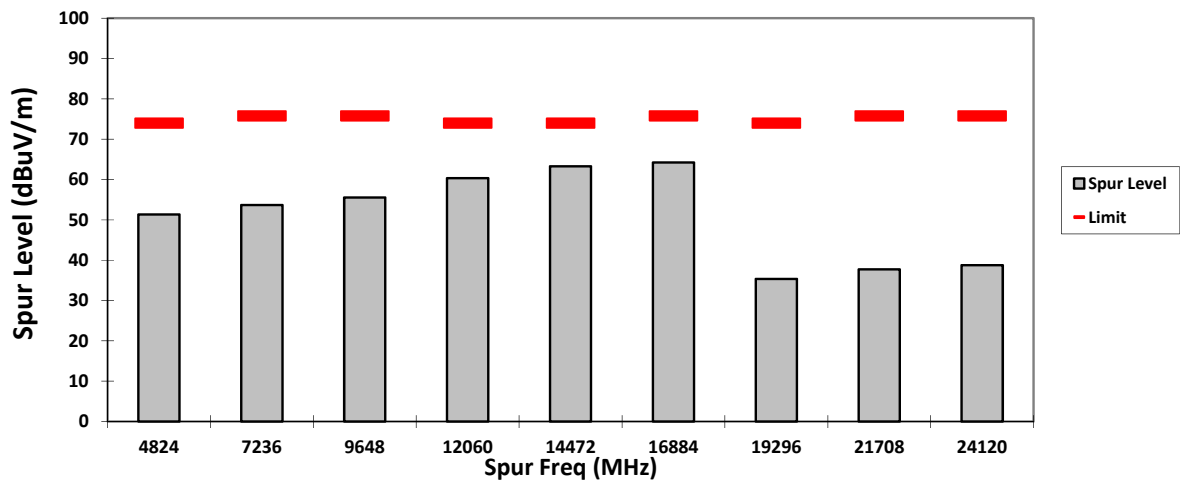
**HORIZONTAL, QPK**



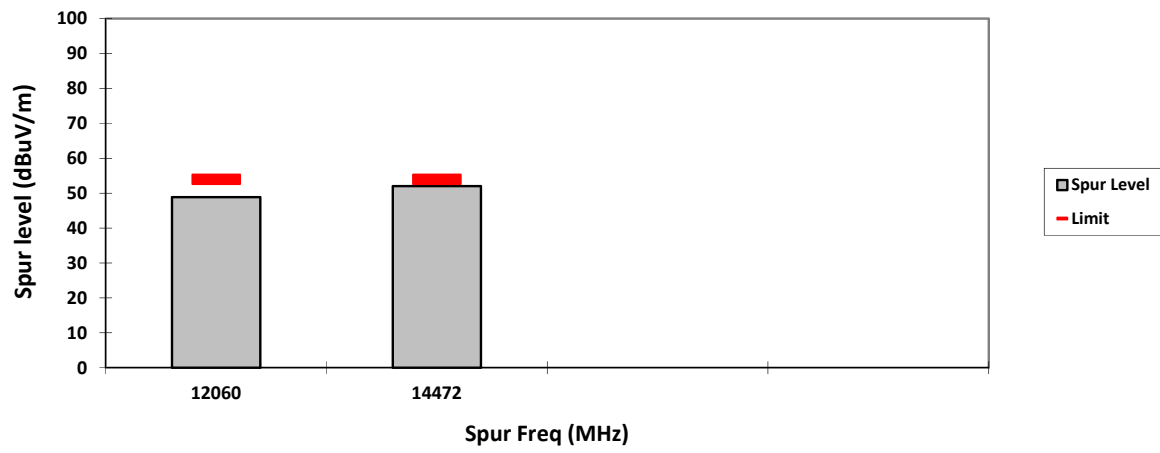
### VERTICAL, PK



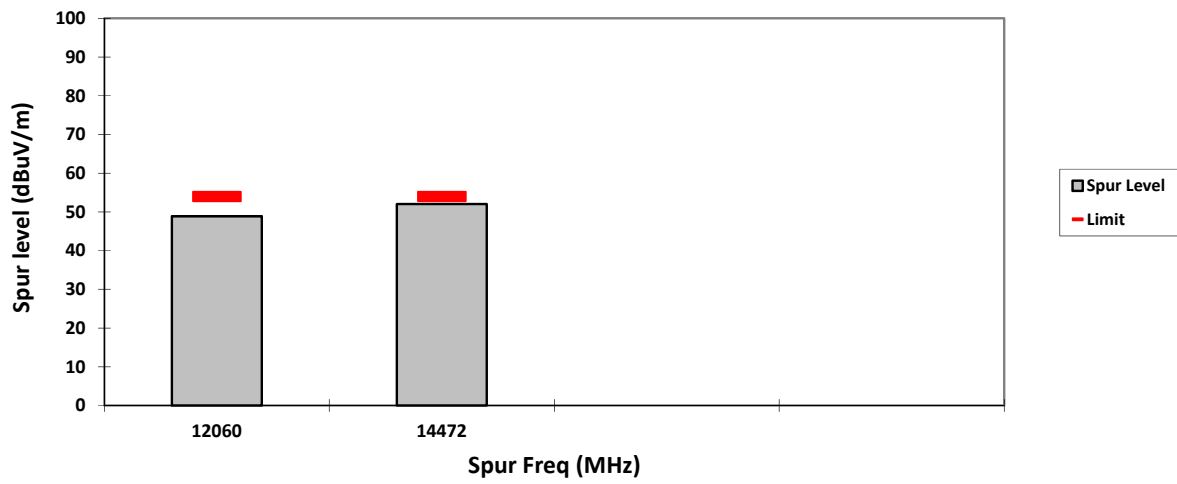
### HORIZONTAL, PK



### VERTICAL, AV

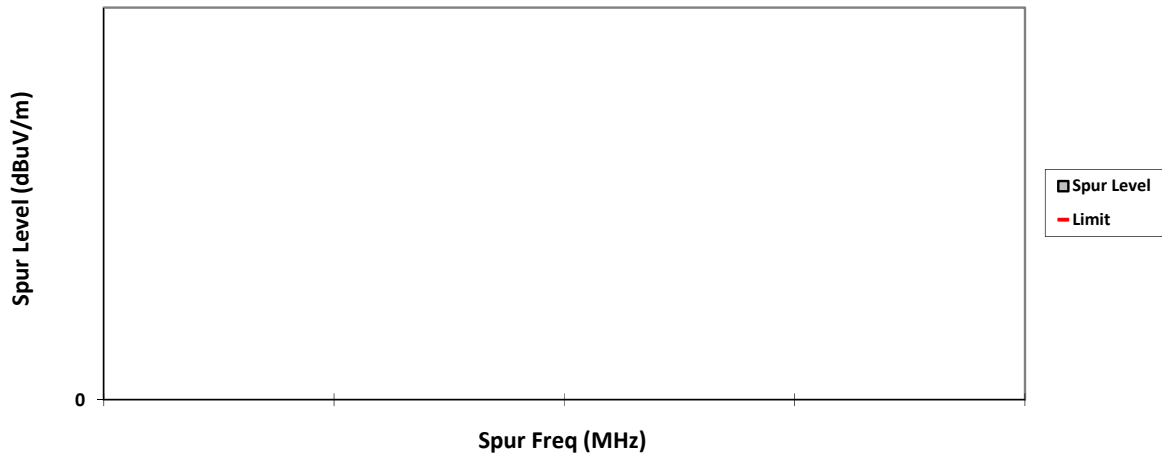


### HORIZONTAL, AV

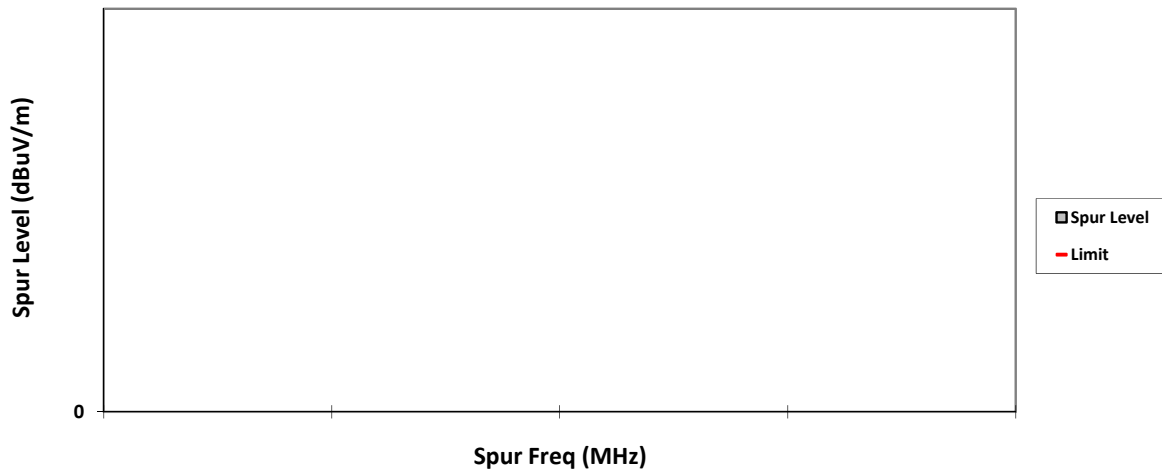




**VERTICAL, QPK**

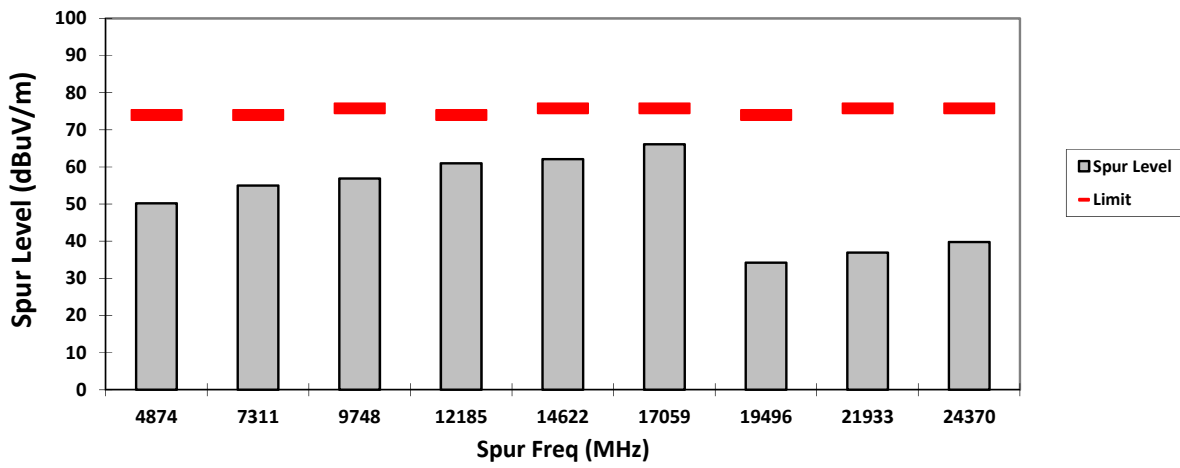


**HORIZONTAL, QPK**

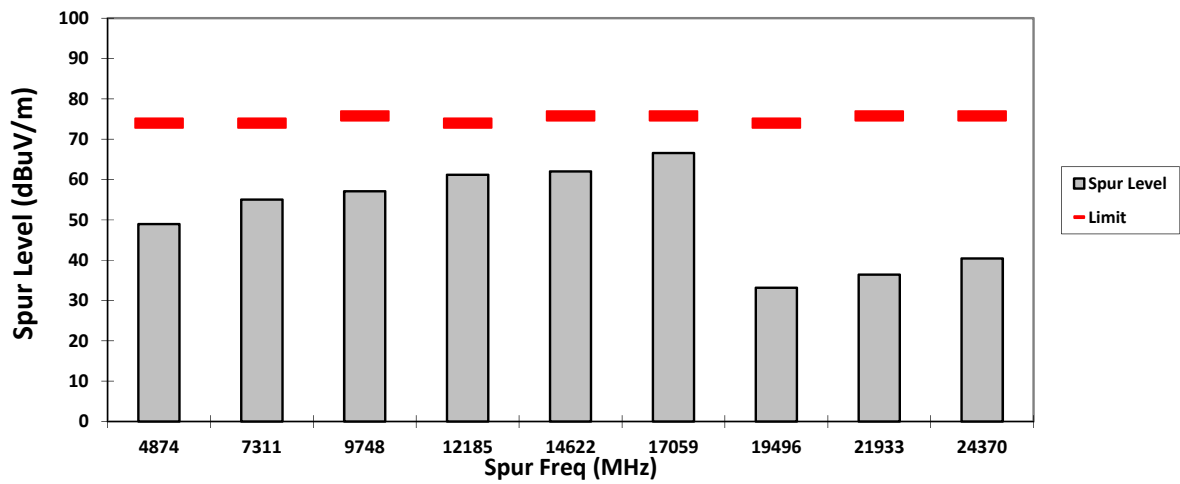




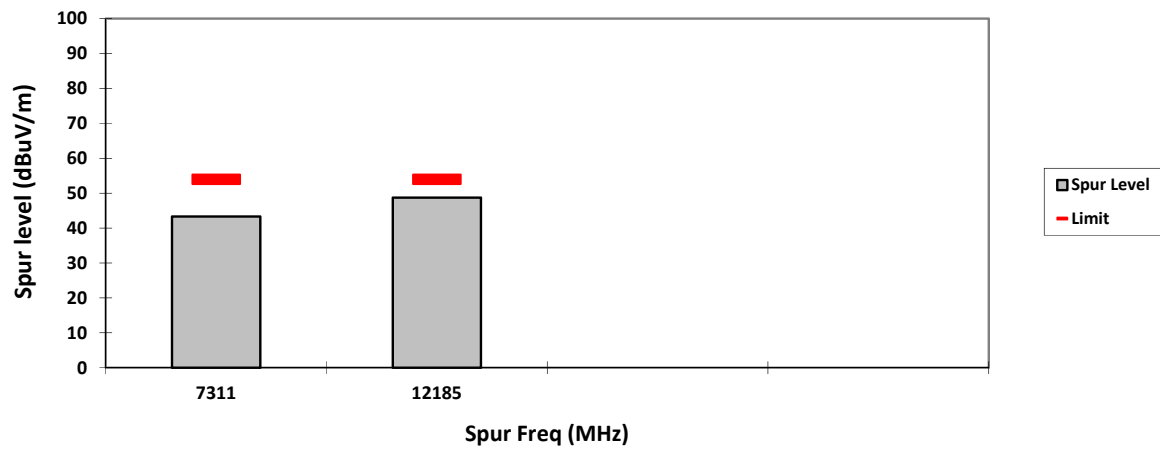
### VERTICAL, PK



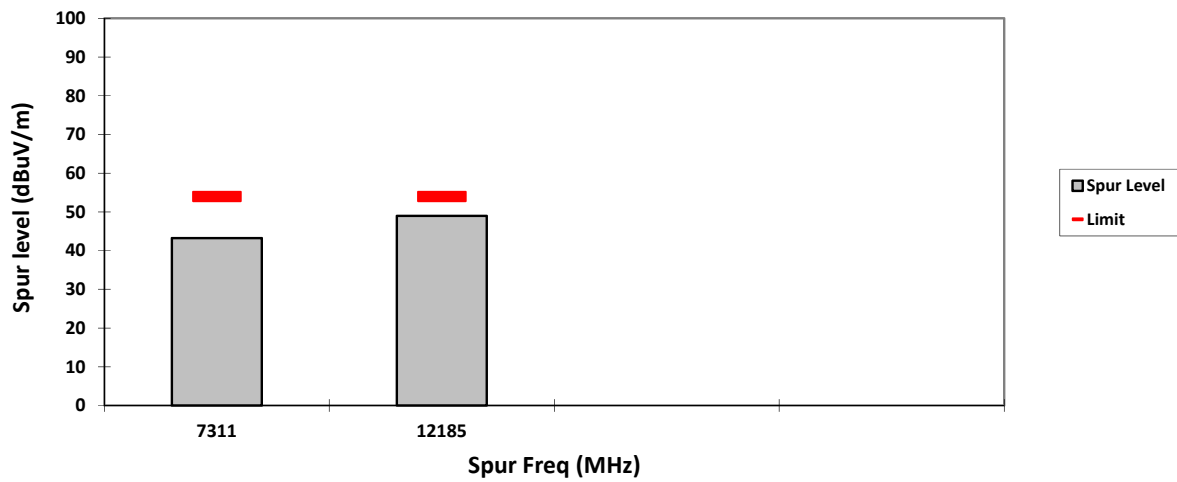
### HORIZONTAL, PK



### VERTICAL, AV



### HORIZONTAL, AV



**Test: WIFI SAC Transmitter Radiated Emission**

**Model#:** AAH02JDH9VA1AN      **S/N:** 867TYB2909      **EMC SR ID#:** 32751-EMC-00013

**Battery:** PMNN4493A      **Accessory:** PMAD4120A

**Test Channel:** High      **Test Frequency:** 2462.0000 MHz      **Test Standard:** ANSI C63.10-2013  
**Worst Case Plane:** X-Plane (802.11g)

**Radiated Emission (High Channel) tabular data**

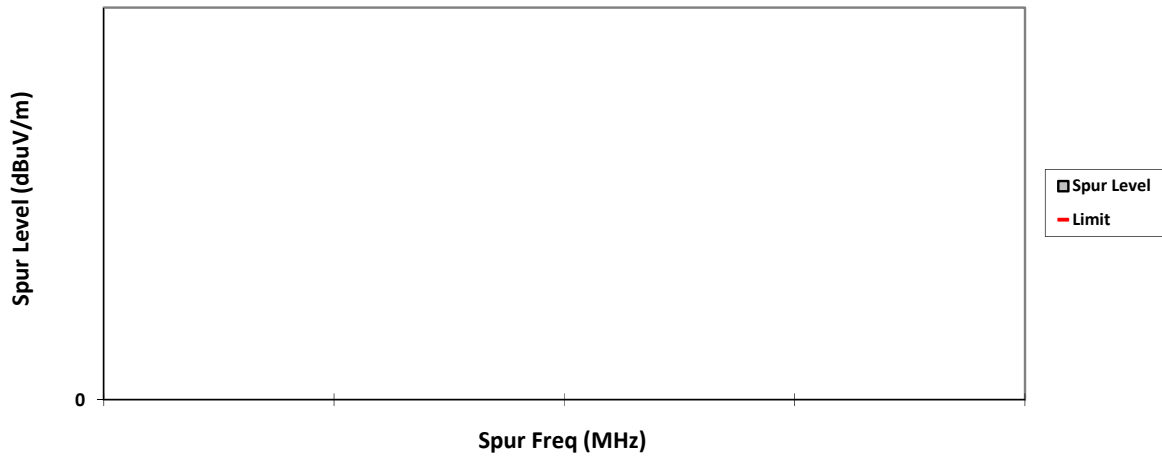
Vertical Radiated Emission Result										
Spur Freq (MHz)	Spur level QPK (dBµV/m)	Spur level PK (dBµV/m)	Spur level AV (dBµV/m)	Limit QPK (dBµV/m)	Limit PK (dBµV/m)	Limit AV (dBµV/m)	Margin QPK (dBµV/m)	Margin PK (dBµV/m)	Margin AV (dBµV/m)	Carrier PK Power (dBµV/m)
4924	-	48.8308**	-	-	74.0	-	-	25.1692	-	-
7386	-	55.5022**	43.9185**	-	74.0	54.0	-	18.4978	10.0815	-
9848	-	56.4852**	-	-	75.8	-	-	19.2738	-	105.7590
12310	-	61.6488**	49.6611**	-	74.0	54.0	-	12.3512	4.3389	-
14772	-	63.2989**	-	-	75.8	-	-	12.4601	-	105.7590
17234	-	65.0928**	-	-	75.8	-	-	10.6662	-	105.7590
19696	-	34.9889**	-	-	74.0	-	-	39.0111	-	-
22158	-	38.0171**	-	-	74.0	-	-	35.9829	-	-
24620	-	40.7755**	-	-	75.8	-	-	34.9835	-	105.7590
Horizontal Radiated Emission Result										
4924	-	49.6129**	-	-	74.0	-	-	24.3871	-	-
7386	-	55.5565**	43.9363**	-	74.0	54.0	-	18.4435	10.0637	-
9848	-	56.1510**	-	-	75.8	-	-	19.6080	-	105.7590
12310	-	61.0349**	49.6624**	-	74.0	54.0	-	12.9651	4.3376	-
14772	-	62.1797**	-	-	75.8	-	-	13.5793	-	105.7590
17234	-	65.4147**	-	-	75.8	-	-	10.3443	-	105.7590
19696	-	34.7092**	-	-	74.0	-	-	39.2908	-	-
22158	-	37.9624**	-	-	74.0	-	-	36.0376	-	-
24620	-	42.3960**	-	-	75.8	-	-	33.3630	-	105.7590

Remarks: Pass Result	Marginal Result	Fail Result
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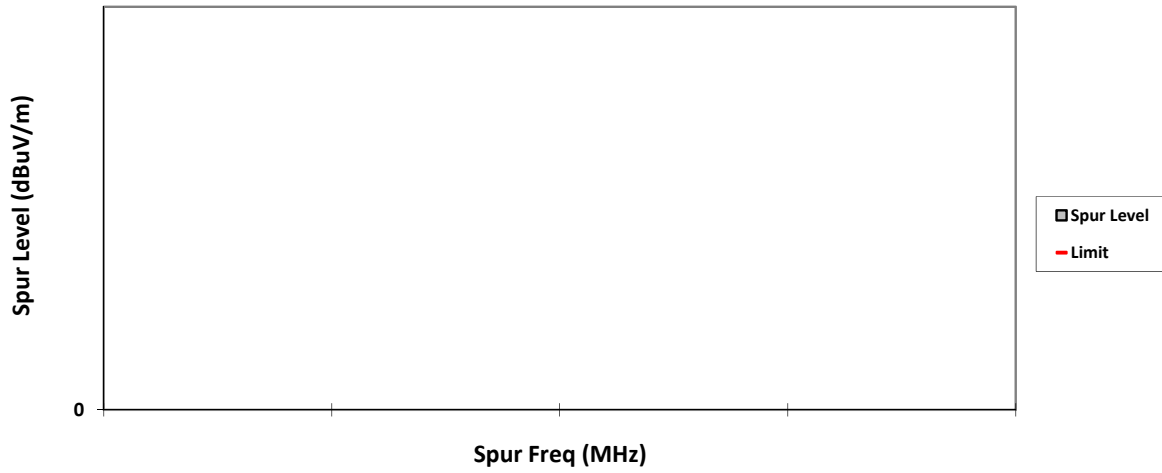
**Temperature (degC): 24.1**      **Humidity (%): 70.1**  
**Test Performed by: Qawiman&Nazrin**      **Test Date: Sun, 23 Jan, 2022**  
**System MU: 5.88 dB (30-1000MHz), 5.84 dB (1000-18000MHz), 6.02 dB (18000MHz-40000MHz)**

Remarks: \*\* Indicates the spurious emission could not be detected due to noise limitations or ambient.  
 \*Pursuant to CFR 47 Part 2.1057 ( c ), emissions attenuated more than 20 dB below the permissible limit are not reported.

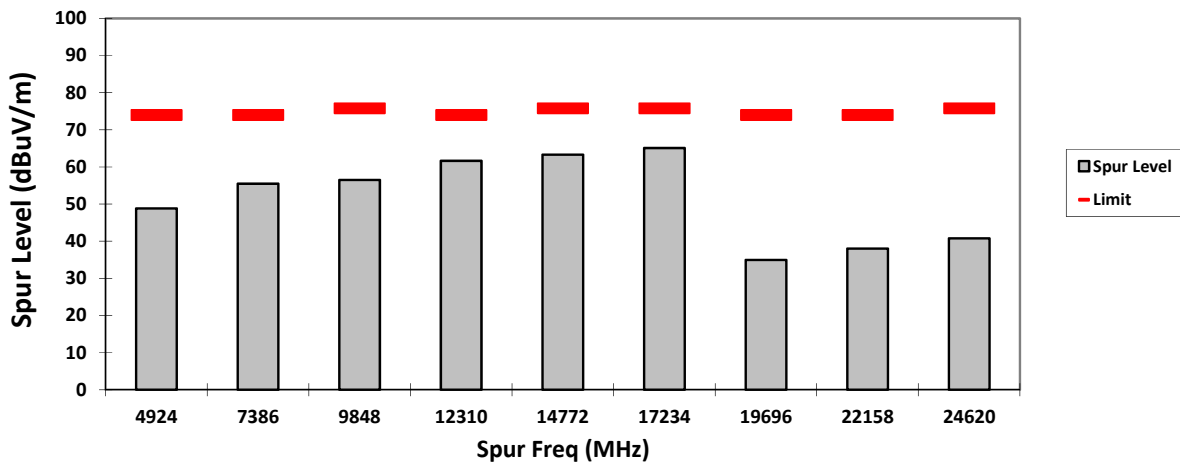
**VERTICAL, QPK**



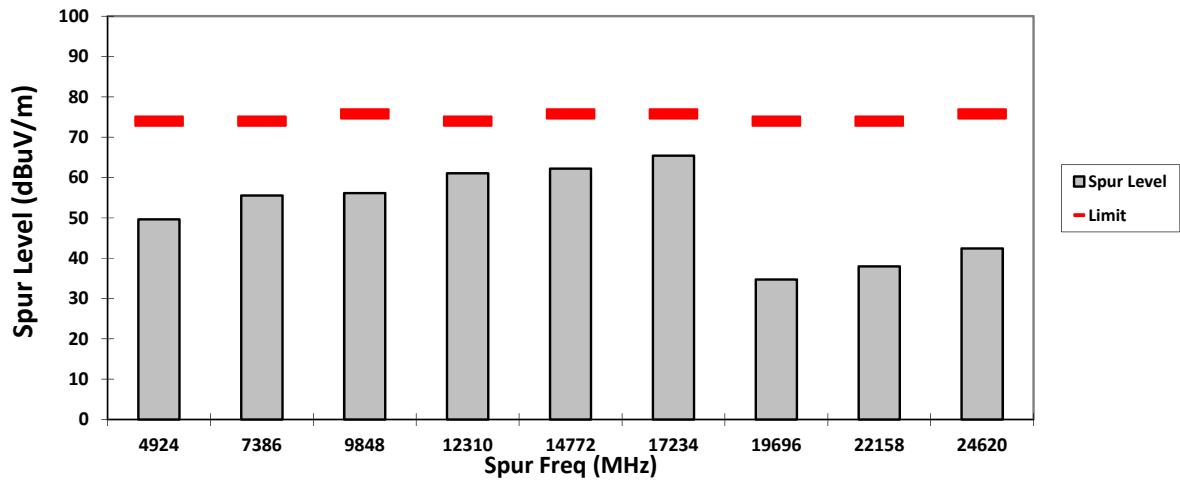
**HORIZONTAL, QPK**



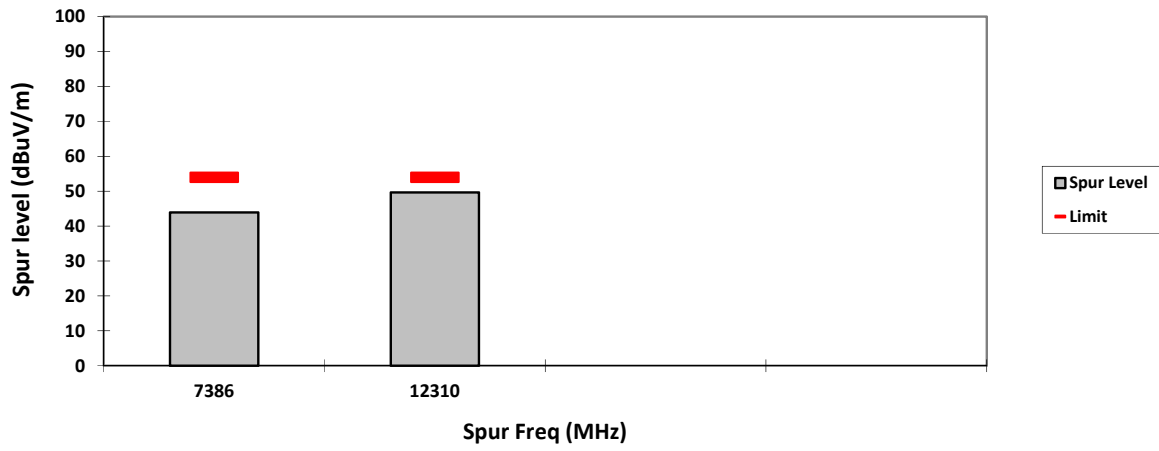
VERTICAL, PK



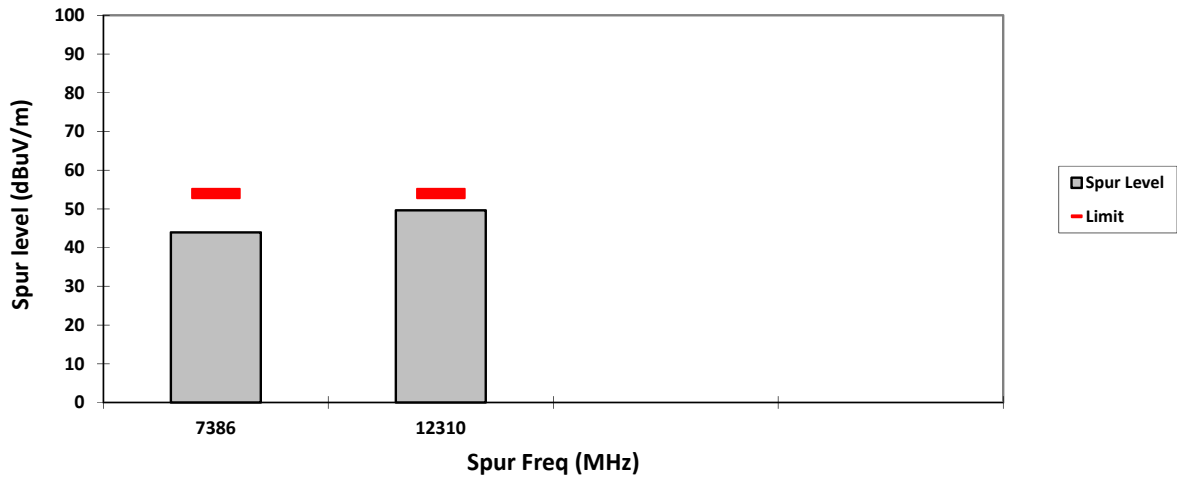
HORIZONTAL, PK



### VERTICAL, AV



### HORIZONTAL, AV



**Test: WIFI SAC Transmitter Radiated Emission**  
**Model#: AAH02JDH9VA1AN      S/N: 867TYB2909      EMC SR ID#: 32751-EMC-00013**  
**Battery: PMNN4493A      Accessory: PMAD4120A**  
**Test Channel: Low      Test Frequency: 2412.0000 MHz      Test Standard: ANSI C63.10-2013**  
**Worst Case Plane: X-Plane (802.11n)**

**Radiated Emission (Low Channel) tabular data**

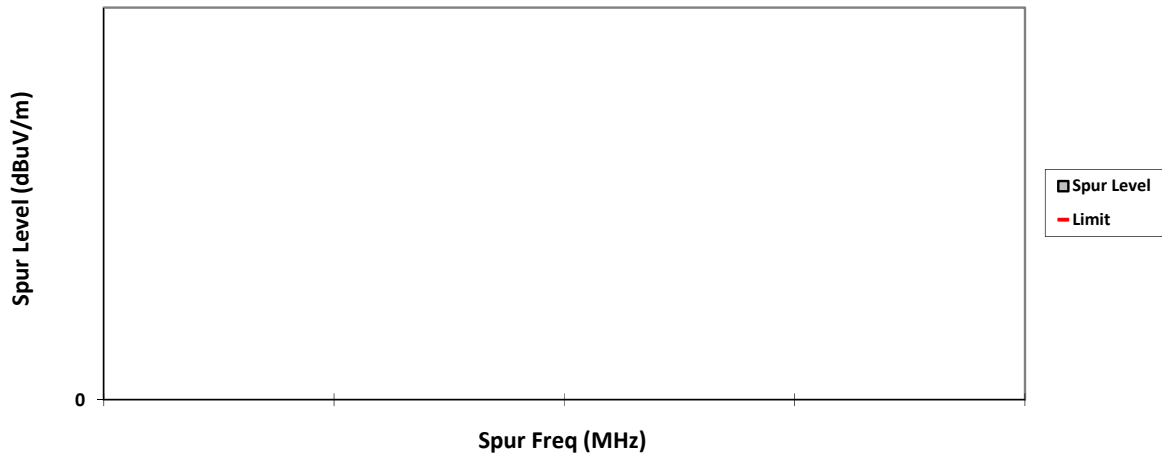
Vertical Radiated Emission Result										
Spur Freq (MHz)	Spur level QPK (dBµV/m)	Spur level PK (dBµV/m)	Spur level AV (dBµV/m)	Limit QPK (dBµV/m)	Limit PK (dBµV/m)	Limit AV (dBµV/m)	Margin QPK (dBµV/m)	Margin PK (dBµV/m)	Margin AV (dBµV/m)	Carrier PK Power (dBµV/m)
4824	-	49.9600**	-	-	74.0	-	-	24.0400	-	-
7236	-	53.3371**	-	-	75.8	-	-	22.4219	-	105.7590
9648	-	56.6885**	-	-	75.8	-	-	19.0705	-	105.7590
12060	-	61.1693**	48.8631**	-	74.0	54.0	-	12.8307	5.1369	-
14472	-	63.6527**	52.0161**	-	74.0	54.0	-	10.3473	1.9839	-
16884	-	65.8483**	-	-	75.8	-	-	9.9107	-	105.7590
19296	-	35.1024**	-	-	74.0	-	-	38.8976	-	-
21708	-	38.9868**	-	-	75.8	-	-	36.7722	-	105.7590
24120	-	38.8964**	-	-	75.8	-	-	36.8626	-	105.7590
Horizontal Radiated Emission Result										
4824	-	49.2629**	-	-	74.0	-	-	24.7371	-	-
7236	-	53.6961**	-	-	75.8	-	-	22.0629	-	105.7590
9648	-	57.2841**	-	-	75.8	-	-	18.4749	-	105.7590
12060	-	59.8958**	48.8595**	-	74.0	54.0	-	14.1042	5.1405	-
14472	-	63.8543**	52.0188**	-	74.0	54.0	-	10.1457	1.9812	-
16884	-	64.2266**	-	-	75.8	-	-	11.5324	-	105.7590
19296	-	35.7002**	-	-	74.0	-	-	38.2998	-	-
21708	-	38.1426**	-	-	75.8	-	-	37.6164	-	105.7590
24120	-	38.1195**	-	-	75.8	-	-	37.6395	-	105.7590

Remarks: Pass Result	Marginal Result	Fail Result
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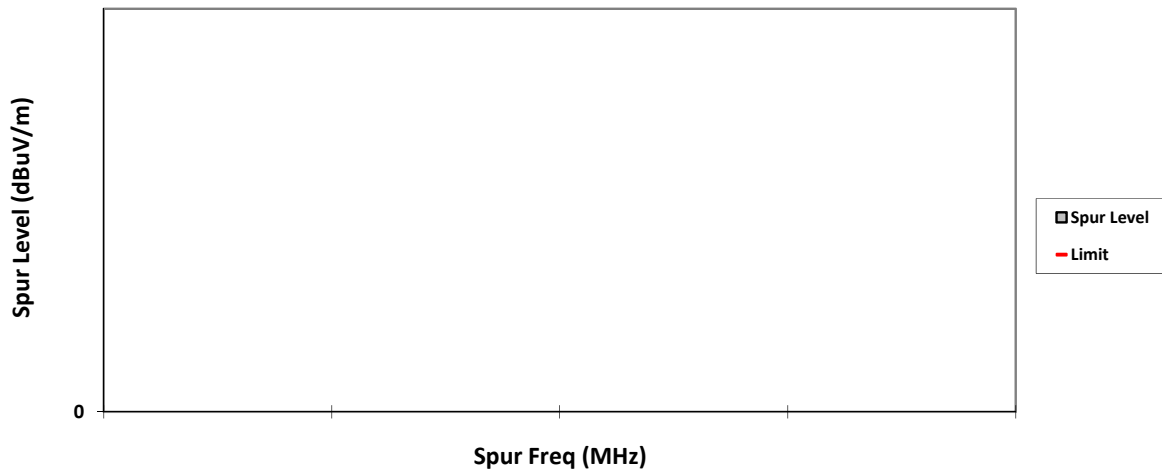
Temperature (degC): 24.1      Humidity (%): 70.1  
 Test Performed by: Qawiman&Nazrin      Test Date: Sun, 23 Jan, 2022  
 System MU: 5.88 dB (30-1000MHz), 5.84 dB (1000-18000MHz), 6.02 dB (18000MHz-40000MHz)

**Remarks: \*\* Indicates the spurious emission could not be detected due to noise limitations or ambient.**  
**\*Pursuant to CFR 47 Part 2.1057 ( c ), emissions attenuated more than 20 dB below the permissible limit are not reported.**

**VERTICAL, QPK**

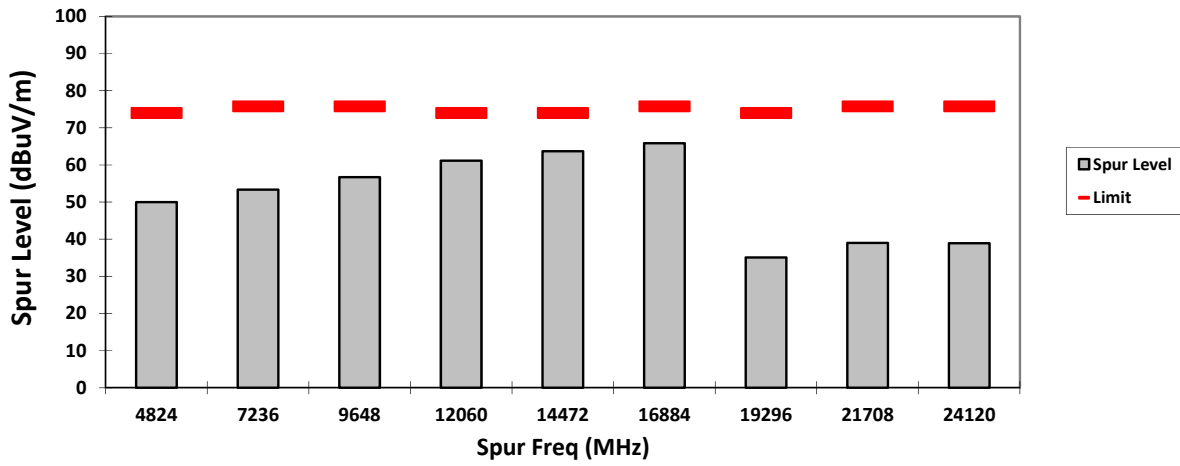


**HORIZONTAL, QPK**

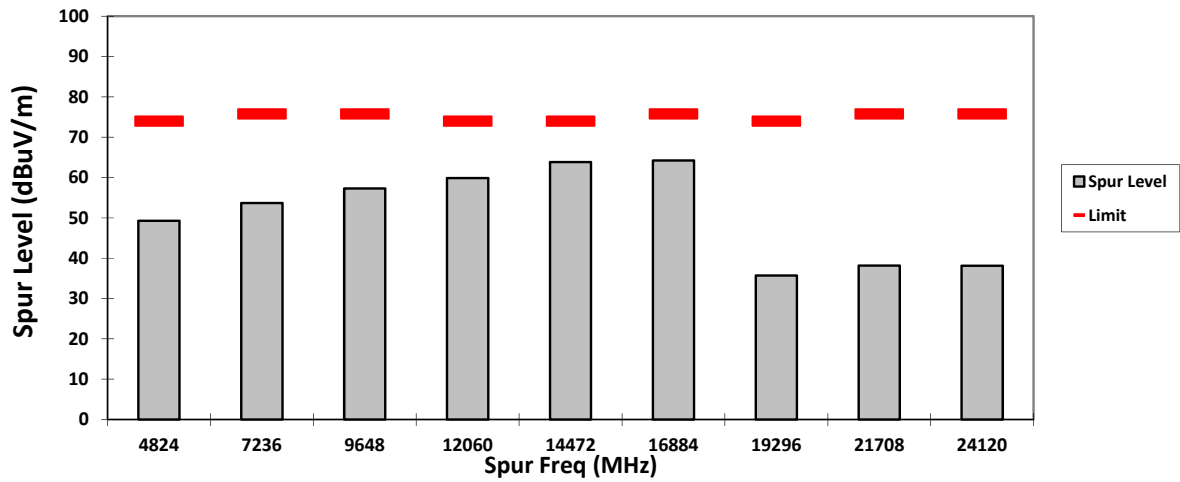




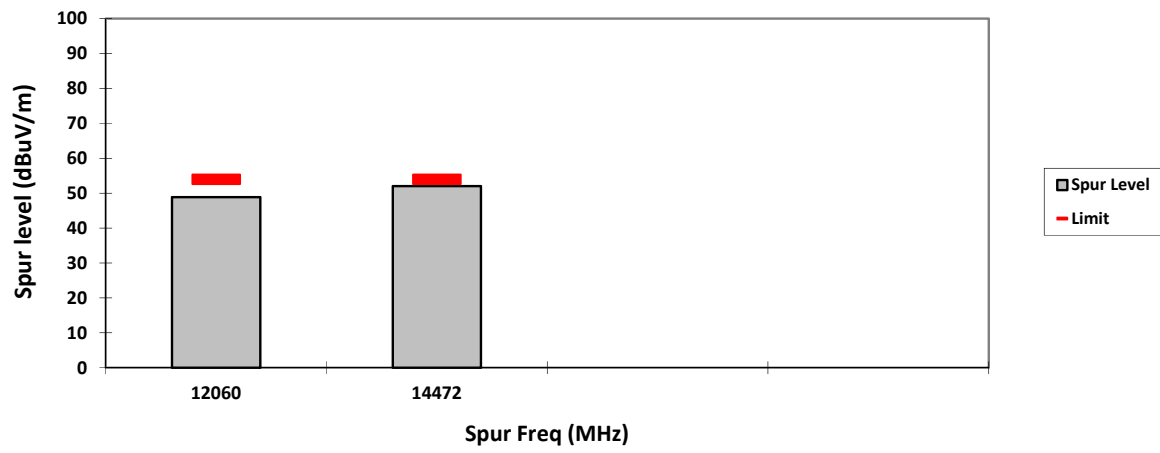
VERTICAL, PK



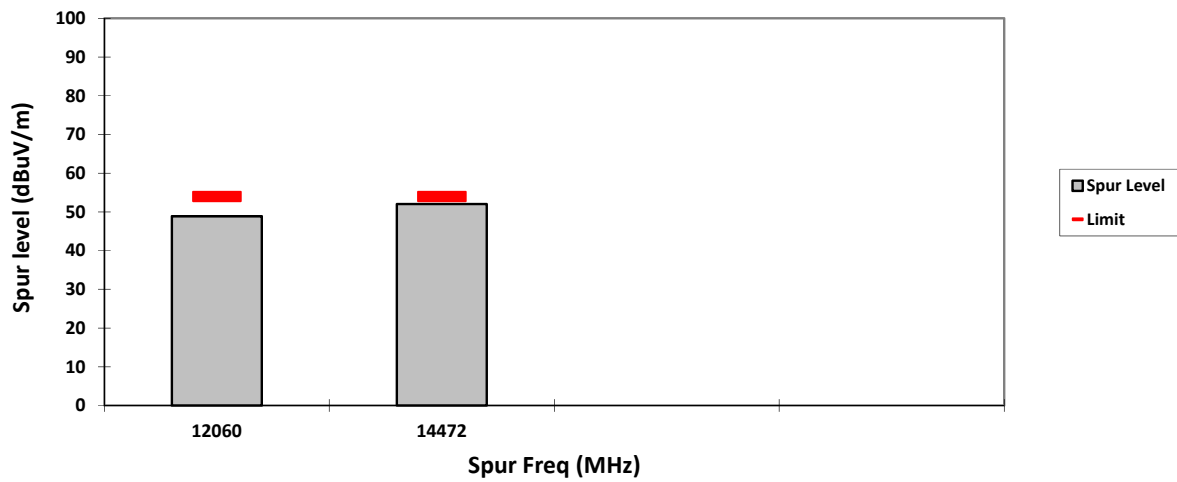
HORIZONTAL, PK



### VERTICAL, AV

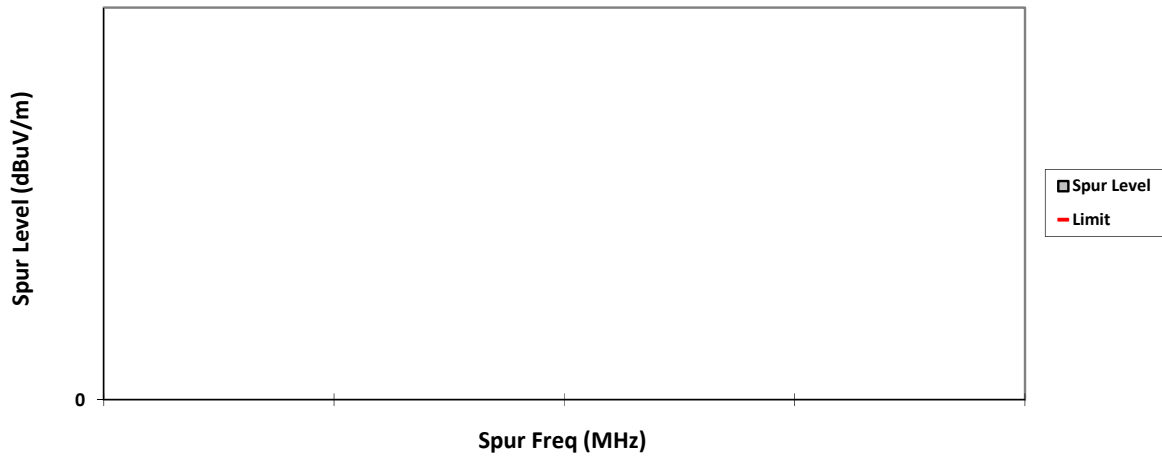


### HORIZONTAL, AV

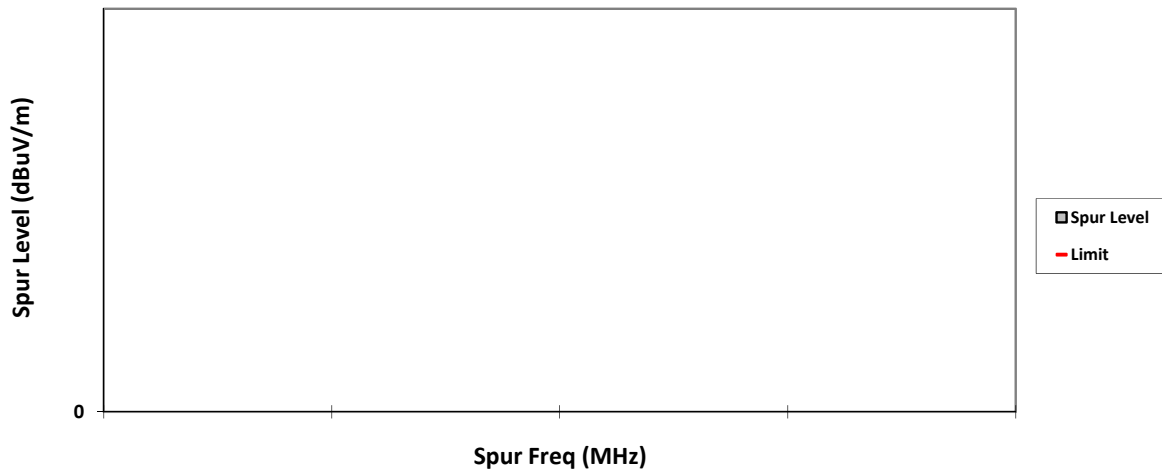




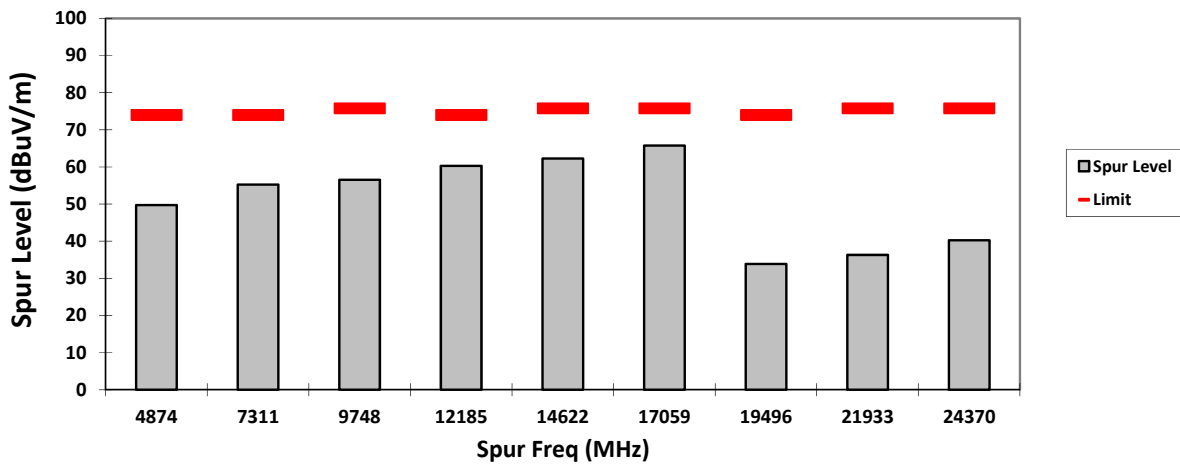
**VERTICAL, QPK**



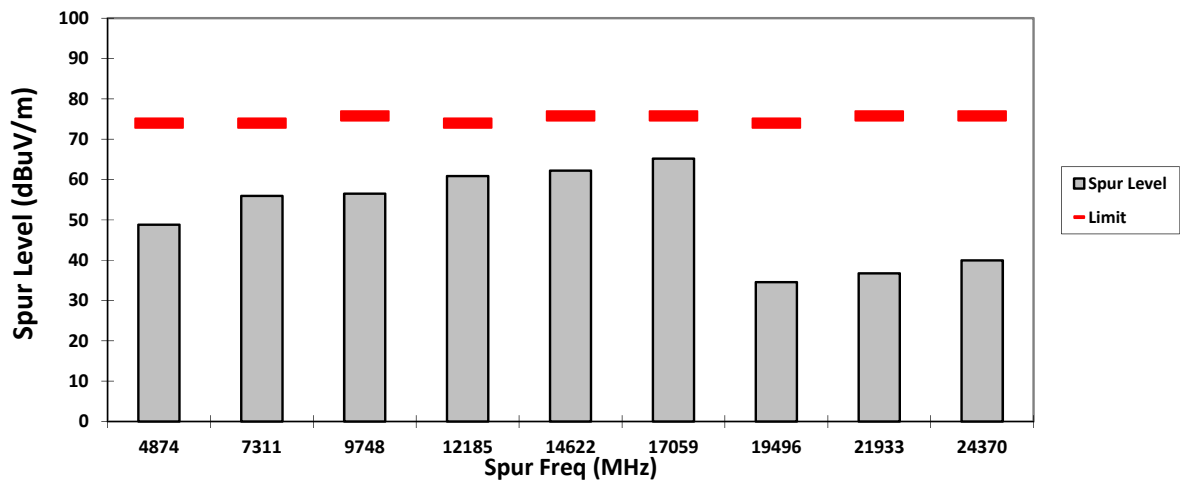
**HORIZONTAL, QPK**



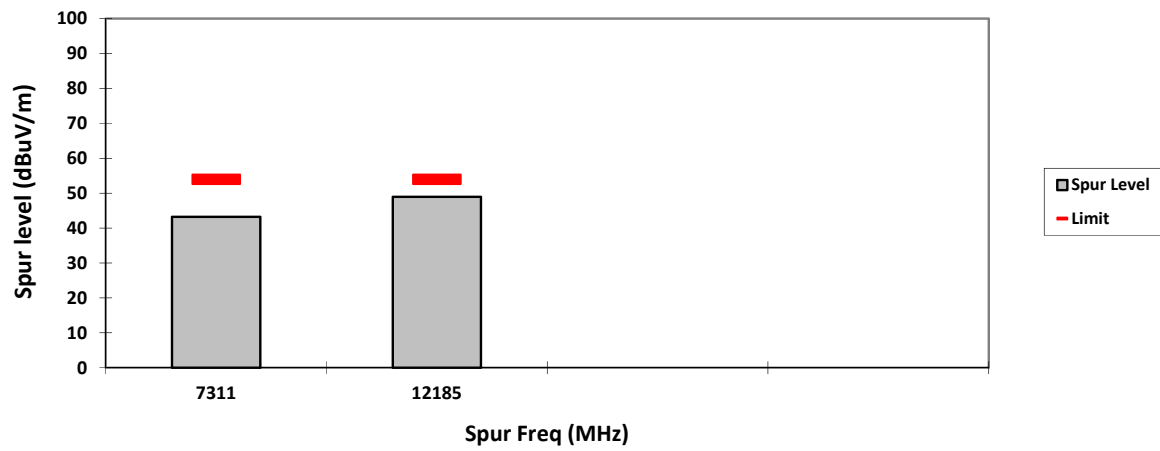
VERTICAL, PK



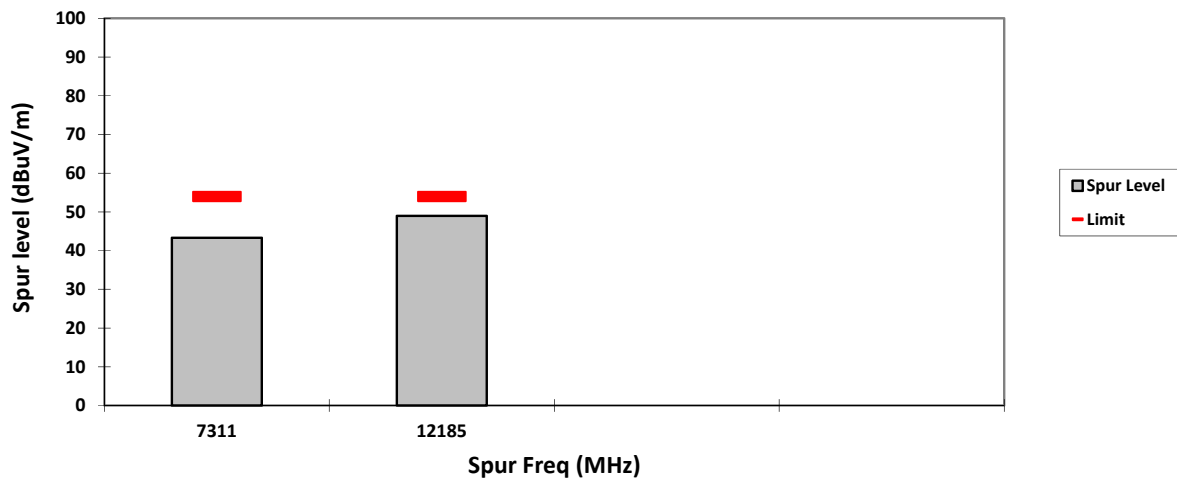
HORIZONTAL, PK



### VERTICAL, AV

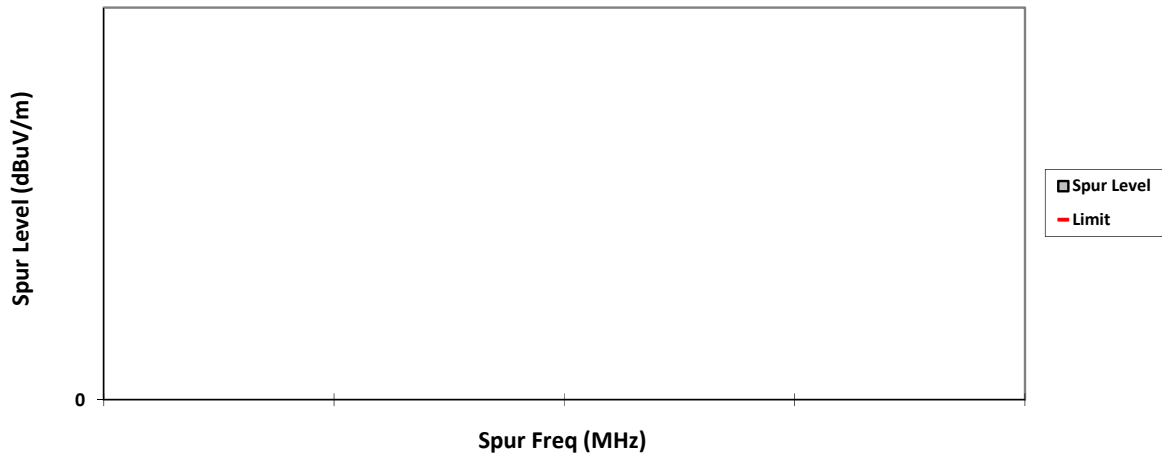


### HORIZONTAL, AV

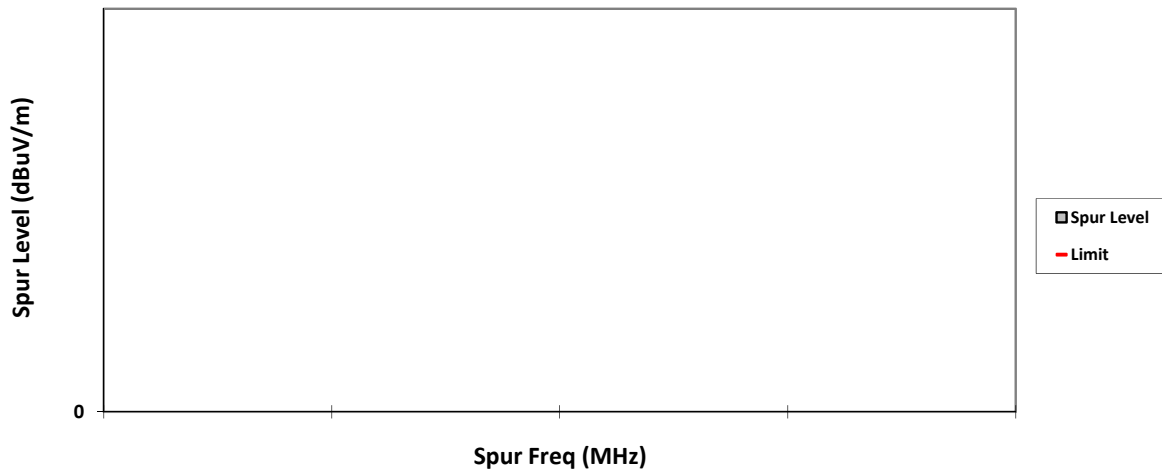




**VERTICAL, QPK**

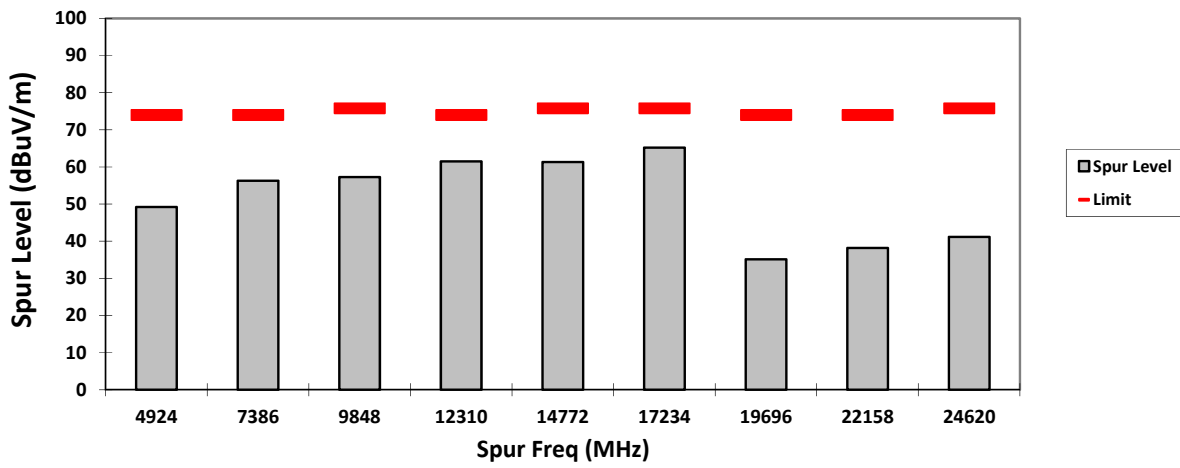


**HORIZONTAL, QPK**

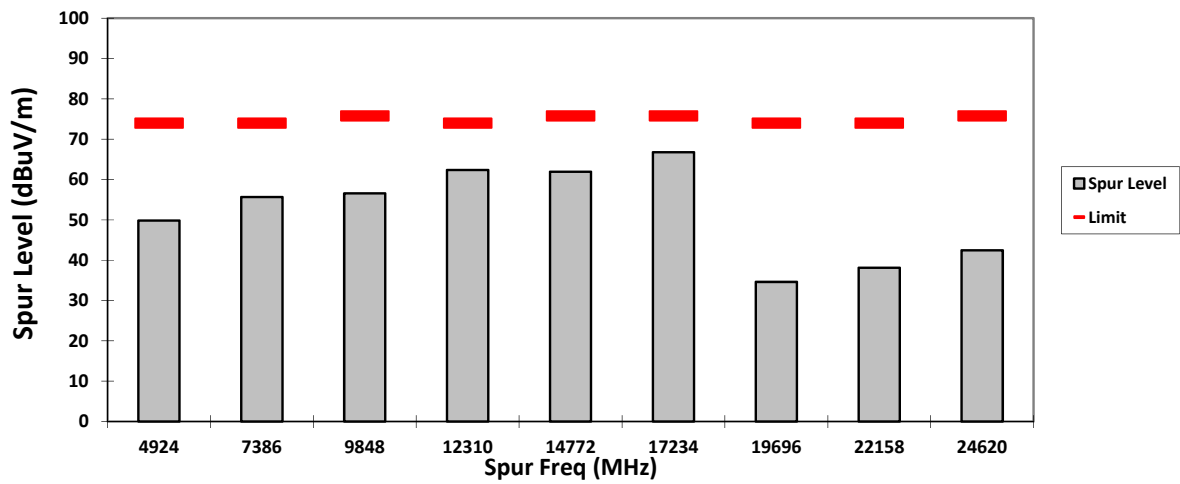




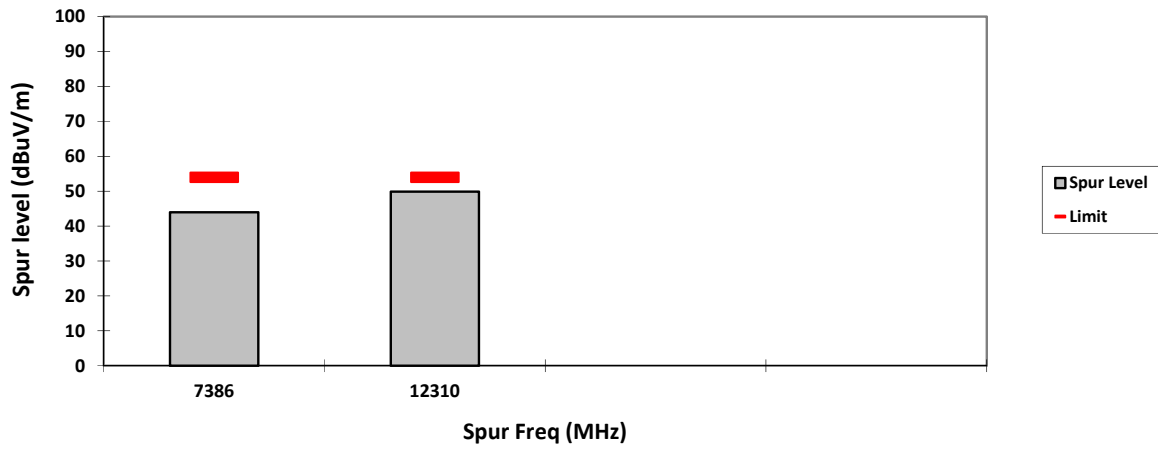
### VERTICAL, PK



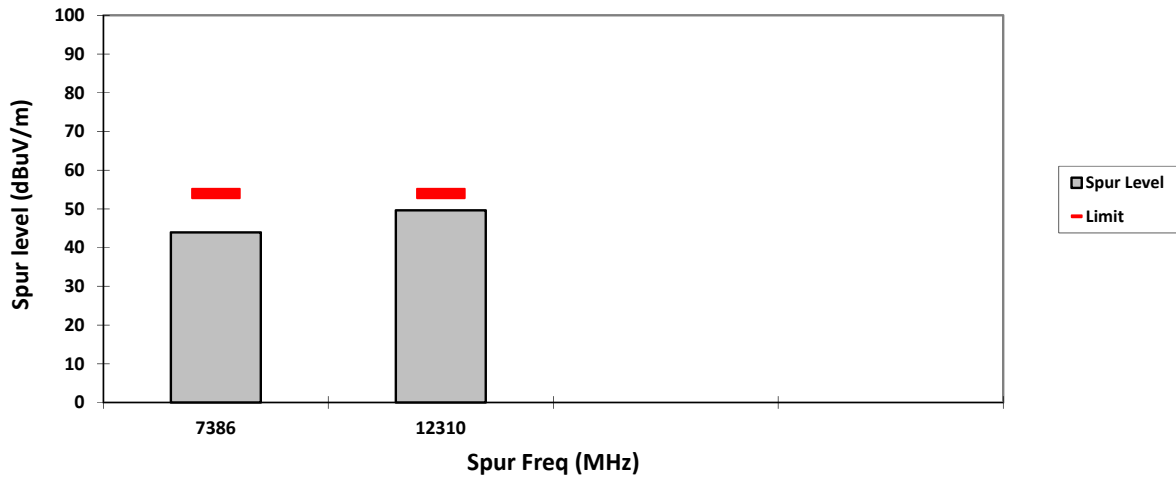
### HORIZONTAL, PK



### VERTICAL, AV

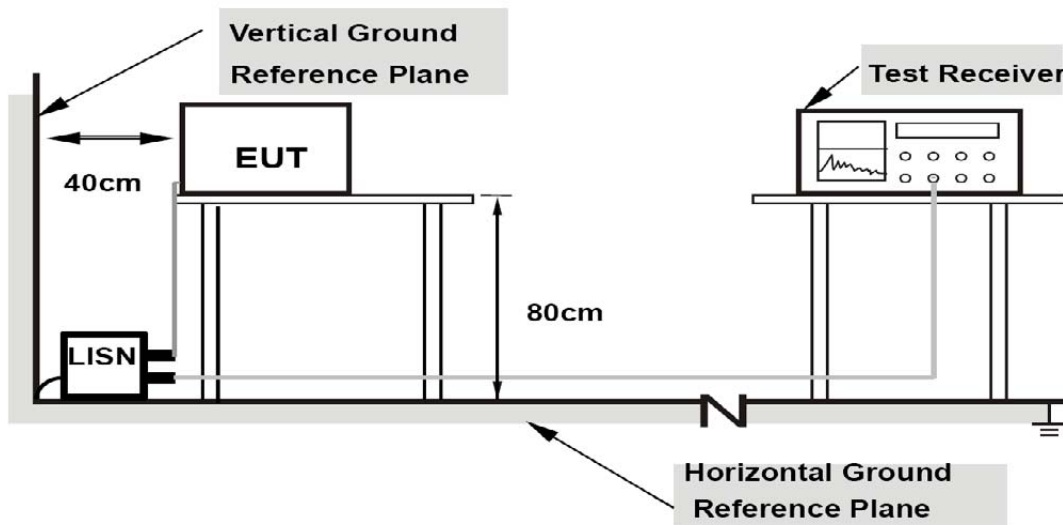


### HORIZONTAL, AV



## 6.8. AC Powerline Conducted Emission

### 6.8.1. Test Setup



- 1) Tests were conducted for both Receive and Transmit Mode of the EUT.
- 2) The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/50uH of coupling impedance for the measuring instrument.
- 3) Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- 4) The frequency range from 150 kHz to 30MHz was measured.

### 6.8.2. Test Limits:

For AC Power Line Conducted Test Limit can be Class A or B depends on product classification.

Limits for conducted disturbance at the mains ports  
of class A ITE

Frequency range MHz	Limits dB( $\mu$ V)	
	Quasi-peak	Average
0,15 to 0,50	79	66
0,50 to 30	73	60
NOTE The lower limit shall apply at the transition frequency.		

Table 1: Limits for Conducted Disturbance at the Mains Ports of Class A ITE.

**Limits for conducted disturbance at the mains ports  
of class B ITE**

Frequency range MHz	Limits dB( $\mu$ V)	
	Quasi-peak	Average
0,15 to 0,50	66 to 56	56 to 46
0,50 to 5	56	46
5 to 30	60	50

NOTE 1 The lower limit shall apply at the transition frequencies.  
NOTE 2 The limit decreases linearly with the logarithm of the frequency in the range 0,15 MHz to 0,50 MHz.

**Table 2: Limits for Conducted Disturbance at the Mains Ports of Class B ITE**

### 6.8.3. Test Result

**Not Applicable. Testing is not required, radio shall turn off during charging mode.**

**END OF TEST REPORT**