

Jennifer Sanchez

From: Asad Bajwa
Sent: Wednesday, May 23, 2007 11:42 PM
To: Liming Xu
Cc: Gaylon Morris; Jennifer Sanchez
Subject: RE: configuration Job#80077 Amedia Networks
Importance: High

Hi Liming,

1-2, My understanding is that DFS testing is only required for the bands 5.25–5.35 GHz and 5.47–5.725 GHz, per 15.407(h)(2) reproduced below. As customer was not ready for DFS testing they decided to disable the above mentioned frequency bands.

(2) Radar Detection Function of Dynamic Frequency Selection (DFS). UNII devices operating in the 5.25–5.35 GHz and 5.47–5.725 GHz bands shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems.

4- The frequency band 5.25-5.35GHz, is disabled in the current product that is why there is no measurement.

Regarding 3 & 5 let me go through the report again and I will remove the references to DFS bands and conducted measurement was done with Spectrum Analyzer.

I will send the revised report shortly with those references removed.

Please let me know if you have any other comments and questions, I will be working pretty late today so please frankly send comments.

Best Regards.

Asad Bajwa

From: Liming Xu
Sent: Wednesday, May 23, 2007 10:42 PM
To: Asad Bajwa
Cc: Gaylon Morris; Jennifer Sanchez
Subject: 答复: configuration Job#80077 Amedia Networks

Hi Asad,

I have following question:

- 1.The operation in the DFS band in our product DMA3.1L will be disabled
Is that the DFS is disabled on the UNII band: 5.15-5.25GHz and 5.25-5.35GHz?
2. If this is true why you tested UNII band: 5.725-5.850GHz?
3. What power meter and sensor did you use to measure the conducted RF power?
Please list,
4. There is no RF power measurement for the band:5.25-5.35GHz per 15.407(a)(2)
5. The frequency ranges are not consistency in summary page and test result page

Regards

5/24/2007

Jennifer Sanchez

From: Asad Bajwa
Sent: Friday, May 25, 2007 12:43 AM
To: Liming Xu; Jennifer Sanchez
Cc: Gaylon Morris; Samantha Sharbonda; Cheryl Anicete
Subject: RE: configuration Job#80077 Amedia Networks
Attachments: EMCU80077-FCC15.407e Final Rev III.pdf

Hi Liming,

Here is the report, it is updated for frequency range info on the summary page, equipment code etc. Actually we did not lose any channels in this range; channels tested are the correct ones.

I am really glad to hear that we can move forward for the grant for both the bands.
I will still be up for next 2-3 hours working, please let me know if you have any other comments.

Best Regards.

Asad Bajwa

From: Liming Xu
Sent: Thursday, May 24, 2007 11:54 PM
To: Asad Bajwa; Jennifer Sanchez
Cc: Gaylon Morris; Samantha Sharbonda; Cheryl Anicete
Subject: 答复: configuration Job#80077 Amedia Networks
Importance: High

Hi Asad,

Please help me to understand that
You tested frequency ranges: 5.19-5.24GHz and 5.75-5.79GHz
But most UNII devices tested center frequency on that bands:
[5.18-5.24 GHz and 5.745-5.805GHz.](#)
Is it intentionally you lost couple of channel on the front and back of
The bands that is customer's willing?
There is no problem for me to grant the range:5.19-5.24GHz and 5.75-5.79GHz
Because that range is narrow than [5.18-5.24 GHz and 5.745-5.805GHz.](#)
The equipment code should be: NII.

Regards

Liming

Hi Asad,

Please response:
3. What power meter and sensor did you use to measure the conducted RF power?
Please list, the power meter and sensor manufacture, Model# and cali date.

5/25/2007

Jennifer Sanchez

From: Asad Bajwa
Sent: Sunday, May 27, 2007 9:54 PM
To: Liming Xu
Cc: Gaylon Morris; Samantha Sharbonda; Jennifer Sanchez
Subject: RE: configuration Job#80077 Amedia Networks

Hi Liming,

Here is the power meter info,

1S2430 WideBand Power Meter Anritsu Company ML2488A 12-Mar-2007 12-Mar-2008
1S2432 WideBand Power Sensor Anritsu Company MA 2491A 16-April-2007 16-April-2008

I borrowed it from Sc office to verify the power measurements. I am updating the report with this info and will send out very soon today.

**Please note 5745-5790MHz is the correct band
And we need to issue grants, with 15.407 UNII band 5.19-5.24GHz and 5.75-5.79GHz only.**

15.247 DTS grant is not needed; they need approval under 15.407 only.

Best Regards.

Asad Bajwa

From: Liming Xu
Sent: Sunday, May 27, 2007 8:31 PM
To: Asad Bajwa; Jennifer Sanchez
Cc: Gaylon Morris; Samantha Sharbonda; Cheryl Anicete; Jay Suh
Subject: 答复: configuration Job#80077 Amedia Networks

Please read my first email
The Amedia wants full band granted (see Lucy email May 7)
Th band of 5745-5790MHz is partial band
I can grant this partial band but may not Lucy want
The full band is 5745-5825MHz for the 15.407 application
If you want the full band granted Asad must re-test the power
on the 5745 & 5825MHz and 5.18 & 5.24 GHz with correct
Power meter and sensor (The readings may not the same)

Please note that I will go to SZ from 29-31 May have MET seminar

Liming

From: Asad Bajwa
Sent: 2007-5-25 (星期五) 13:09
To: Jennifer Sanchez; Liming Xu
Cc: Gaylon Morris; Samantha Sharbonda; Cheryl Anicete; Jay Suh
Subject: RE: configuration Job#80077 Amedia Networks

Thanks Jennifer.

5/29/2007

Jennifer Sanchez

From: Asad Bajwa
Sent: Sunday, May 27, 2007 10:21 PM
To: Liming Xu
Cc: Gaylon Morris; Samantha Sharbonda; Jennifer Sanchez; Asad Bajwa
Subject: RE: configuration Job#80077 Amedia Networks
Attachments: EMCU80077-FCC15.407e Final Rev IV.pdf

Hi Liming,

Here is the revised report per email below.

Best Regards.

Asad Bajwa

From: Asad Bajwa
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5/29/2007

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Liming
