**IEEE P802.19**

**Wireless Coexistence**

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| Project | IEEE P802.19 Wireless Coexistence WG | |
| Title | **November 2018 Sub 1 GHz Study Group Minutes** | |
| Date Submitted | November 26, 2018 | |
| Source | Jianlin Guo  MERL | E-mail: guo@merl.com |
| Re: | [Sub 1 GHz Study Group meeting] | |
| Abstract | [Meeting Minutes] | |
| Purpose | [] | |
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S1G Coexistence SG November Meeting Minutes

Project: IEEE 802.19 Wireless Coexistence WG

S1G Coexistence SG Chair: Ben Rolfe (MERL/ BCA)

Recorded by Jianlin Guo (MERL)

Session 1: Wednesday November 14 AM1

1. Chair called meeting to order
2. Reviewed and approved meeting agenda (doc# 19-18-0078r0)
3. Chair presented opening slides (doc# 19-18-0082r0)
4. SG approved September meeting minutes (doc# 19-18-0077r0)
5. Chair presented PAR and CSD comments (doc# 19-18-0083r0)
   1. 802.11 comments (8 comments on PAR and 4 comments on CSD)
   2. 802.3 comments (4 comments on PAR and 2 comments on CSD)
   3. 2 PAR comments from Paul Nikolich
6. SG had PAR and CSD discussions
   1. 802.15.4g defines three PHYs, why does PAR only mention FSK PHY? A: For this recommended practice, we focus on FSK PHY.
   2. Is there any stakeholder for 802.11ah? A: all stakeholders are covered for now.
7. SG prepared responses for all 20 PAR and CSD comments (doc# 19-18-0083r0)
8. SG approved the comments resolutions
   1. Motion moved by VK Jones and second by Jianlin Guo
   2. Motion result: no objection
   3. Motion approved
9. Recess

Session 2: Wednesday November 14 AM2

1. Chair called meeting to order
2. Edited and approved meeting agenda (doc# 19-18-0078r2)
   1. Added 920 MHz regulatory update for Japan
   2. Added Self-Transmission control for coexistence improvement
   3. Added simulation effort update
3. SG reviewed and approved Revised PAR text with changes (doc# 19-18-0086r0)
4. SG reviewed and approved Revised CSD text with changes (doc# 19-18-0072r4)
5. SG reviewed and approved WG motion (doc# 19-18-0087r1)
6. Takenori Sumi presented 920 MHz regulatory update for Japan (doc# 19-18-0084r0)
   1. Discussed why single channel and multi-channel have same duty cycle constraint
7. Jianlin Guo presented Self-Transmission control for coexistence improvement (doc# 19-18-0085r2)
   1. Discussed if this technology will be mandatory in the RP (A: it could be informational)
   2. Discussed other coexistence technologies presented in previous meeting (can also be informational)
8. Jianlin Guo presented S1G coexistence simulation update (doc# 19-18-0056r3)
   1. Discussed useful information revealed by simulation results (802.11ah interferes with 802.15.4g packet delivery, 802.15.4g interferes with 802.11ah packet latency)
9. No other business
10. Canceled PM1 session
11. Adjourn