

# etherants down again

eantG and H have died the past two evenings. Here are the log entries from ap24eth. The later ones without a date are for Jul 11. Times in UTC.

On the night of Jul 10 is the first time I've noticed that a radio reconnects after being disconnected due to extensive data loss. There is one instance, Jul 10 02:40:36, where the sodar antenna, eantI is disconnected, but then reconnects. In general the sodar antenna has stayed up. It is up now.

My guess is that we are being hit with interference, and that eantG and H are hardest hit because they are transmitting constantly. Using a narrower beam patch antenna rather than the 180-degrees antenna is probably a good idea. We could use the ap24 internal patch antenna.

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:24:7F is eantG (profile)
:24:85 is eantH (downwind2)
:24:56 is eantI (sodar)

jul/10 02:37:11 wireless,info 00:20:F6:05:24:85@wlan2-Ext-Ant: connected
jul/10 02:40:24 wireless,info 00:20:F6:05:24:7F@wlan2-Ext-Ant: disconnected, extensive data loss
jul/10 02:40:36 wireless,info 00:20:F6:05:24:56@wlan2-Ext-Ant: disconnected, extensive data loss
jul/10 02:40:52 wireless,info 00:20:F6:05:24:85@wlan2-Ext-Ant: disconnected, extensive data loss
jul/10 02:41:08 wireless,info 00:20:F6:05:24:85@wlan2-Ext-Ant: connected
jul/10 02:41:20 wireless,info 00:20:F6:05:24:7F@wlan2-Ext-Ant: connected

jul/10 03:05:03 wireless,info 00:20:F6:05:24:7F@wlan2-Ext-Ant: connected
jul/10 03:06:39 wireless,info 00:20:F6:05:24:7F@wlan2-Ext-Ant: disconnected, extensive data loss
jul/10 03:06:47 wireless,info 00:20:F6:05:24:85@wlan2-Ext-Ant: disconnected, extensive data loss
jul/10 04:07:35 wireless,info 00:20:F6:05:24:56@wlan2-Ext-Ant: disconnected, reassociating
jul/10 04:07:35 wireless,info 00:20:F6:05:24:56@wlan2-Ext-Ant: connected

00:00:02 wireless,info 00:20:F6:05:24:7F@wlan2-Ext-Ant: connected
00:01:38 wireless,info 00:20:F6:05:24:85@wlan2-Ext-Ant: disconnected, extensive data loss
00:01:40 wireless,info 00:20:F6:05:24:85@wlan2-Ext-Ant: connected
00:01:41 wireless,info 00:20:F6:05:24:56@wlan2-Ext-Ant: disconnected, reassociating
00:01:41 wireless,info 00:20:F6:05:24:56@wlan2-Ext-Ant: connected
00:05:56 wireless,info 00:20:F6:05:24:7F@wlan2-Ext-Ant: disconnected, extensive data loss
00:05:57 wireless,info 00:20:F6:05:24:7F@wlan2-Ext-Ant: connected
00:06:16 wireless,info 00:20:F6:05:24:85@wlan2-Ext-Ant: disconnected, reassociating

06:07:03 wireless,info 00:20:F6:05:24:7F@wlan2-Ext-Ant: disconnected, extensive data loss
06:15:56 wireless,info 00:20:F6:05:24:85@wlan2-Ext-Ant: disconnected, extensive dat loss
06:15:57 wireless,info 00:20:F6:05:24:85@wlan2-Ext-Ant: connected
06:17:32 wireless,info 00:20:F6:05:24:85@wlan2-Ext-Ant: disconnected, extensive data loss
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