



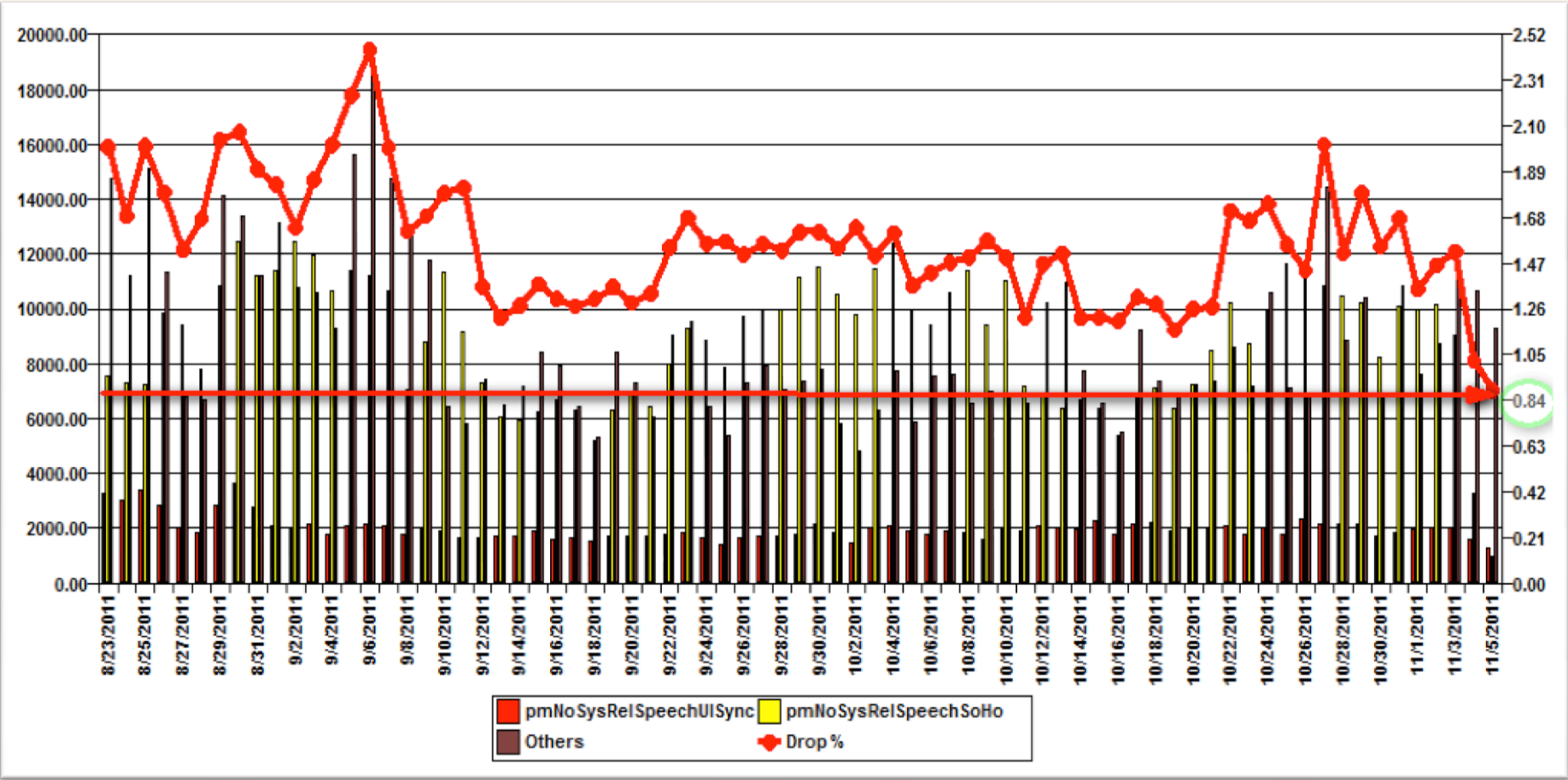
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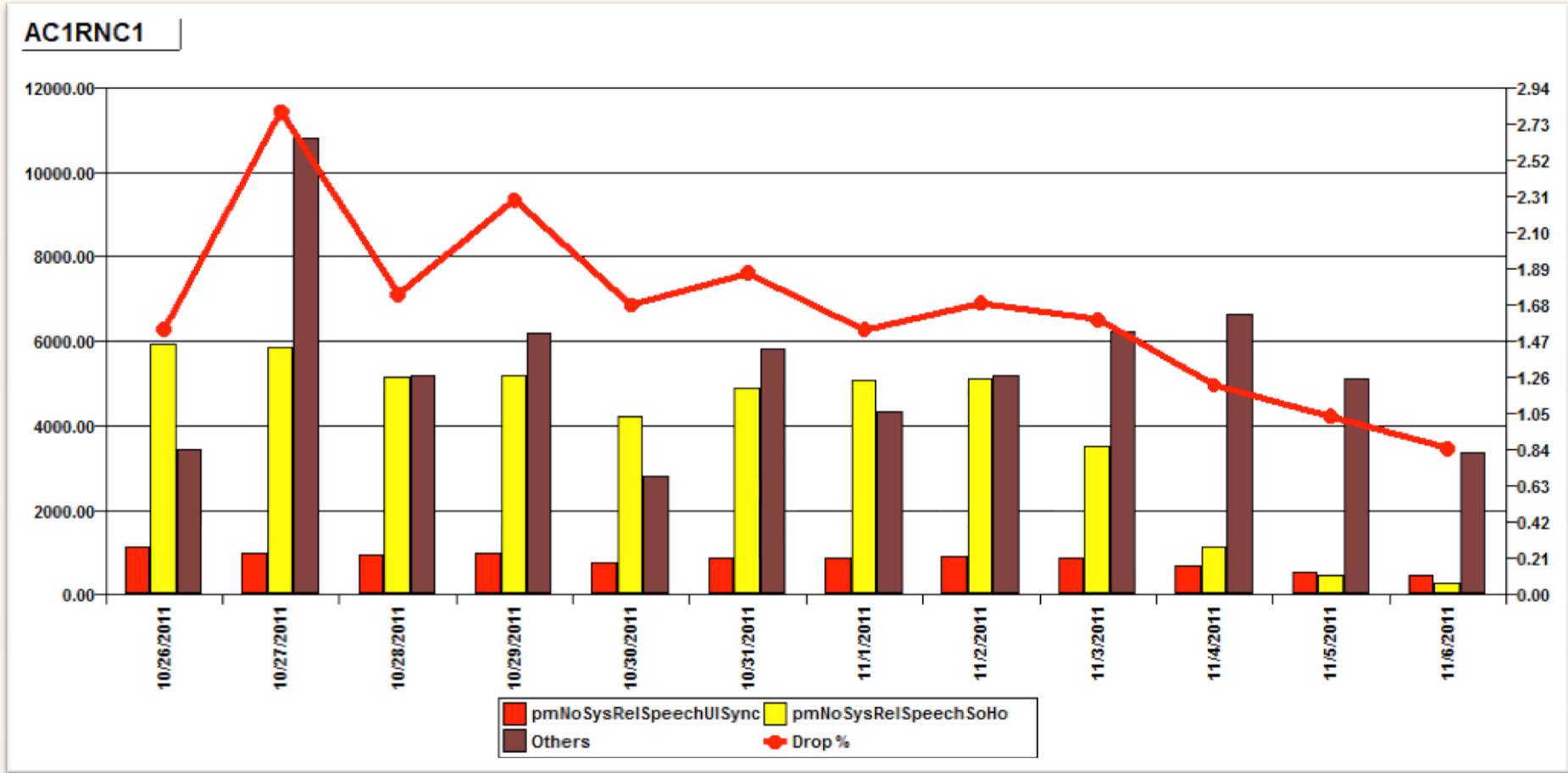
**telecoms service
provider**

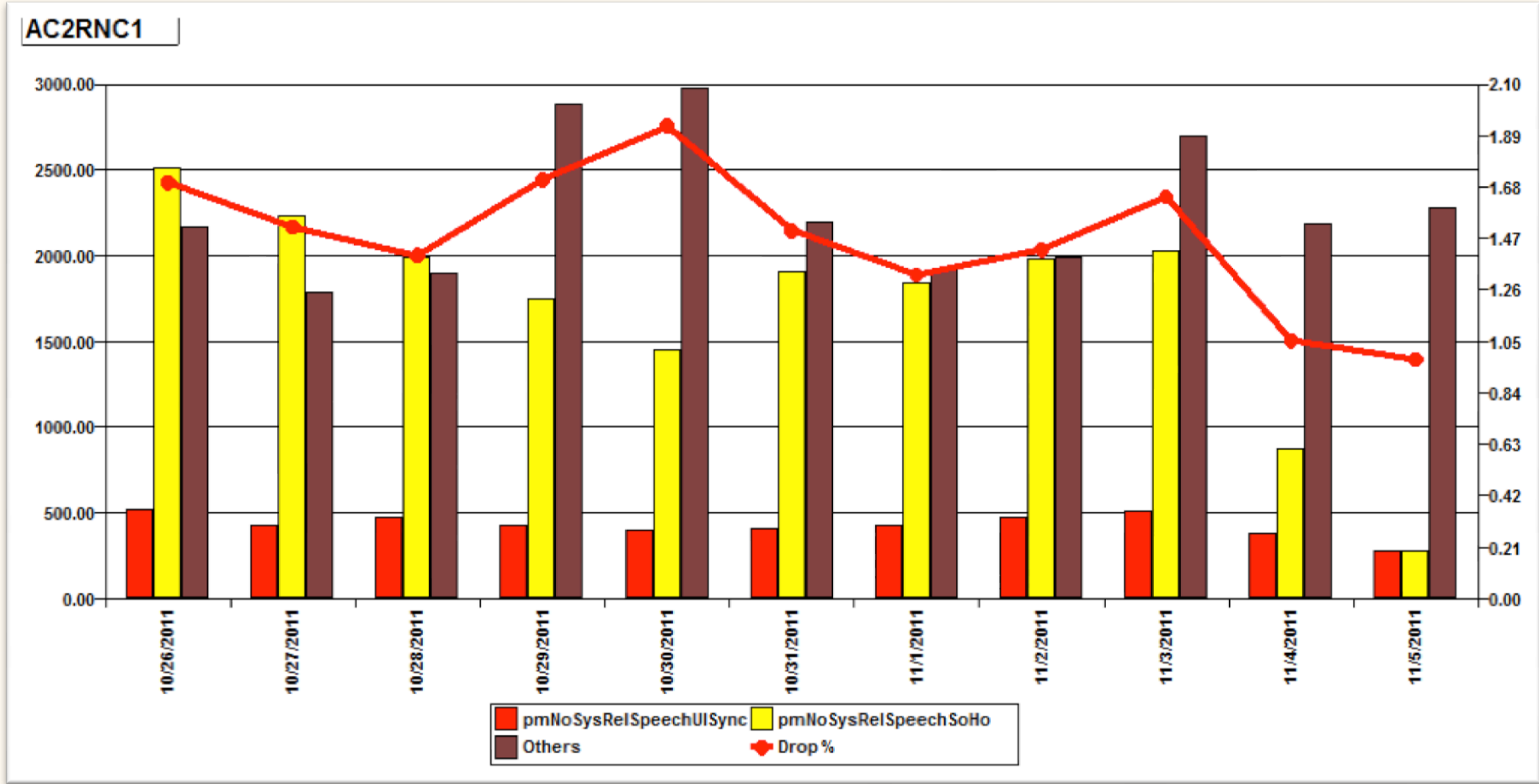
Show cases
3G optimization

3G RF

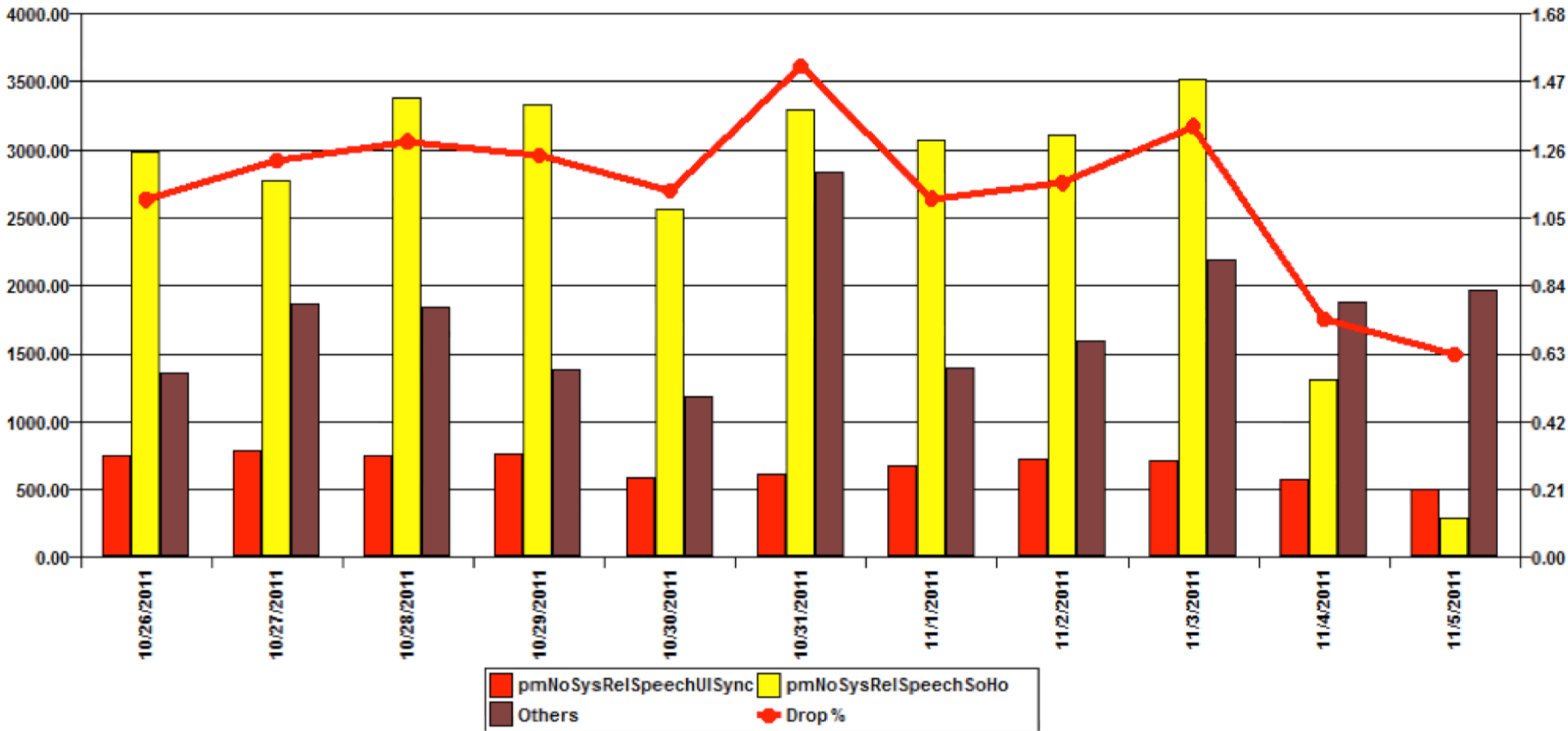
Optimization progress







KS1RNC1



AC1RNC1

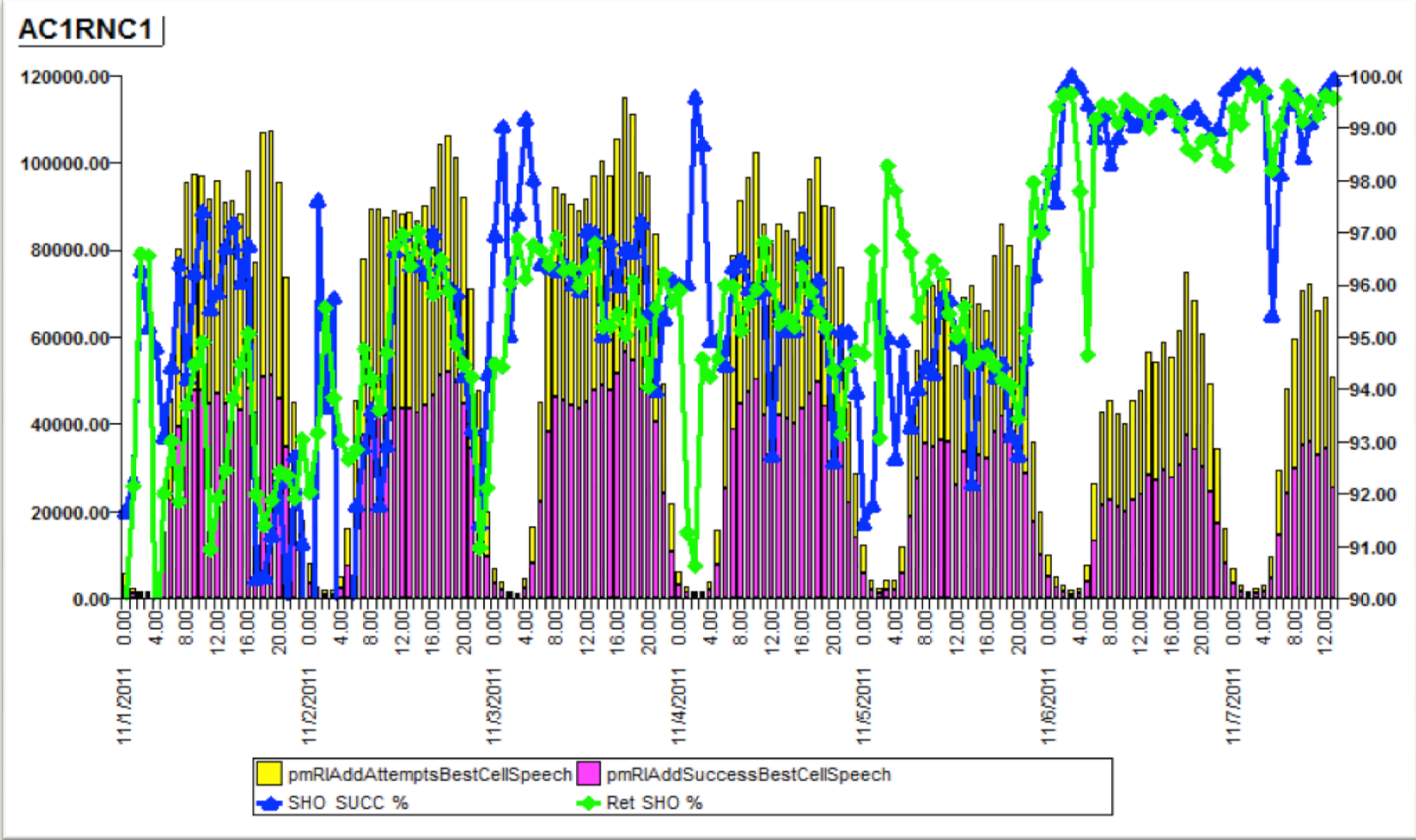
Date	pmNoSysRelSpeechUISynch	pmNoSysRelSpeechNeighbr	pmNoSysRelSpeechSoHo	Others	Drop %
11/1/2011	864	3934	5080	4308	1.54
11/2/2011	882	4188	5088	5174	1.69
11/3/2011	858	2794	3514	6228	1.60
11/4/2011	674	810	1128	6646	1.22
11/5/2011	522	308	432	5096	1.04
11/6/2011	462	220	250	3362	0.85

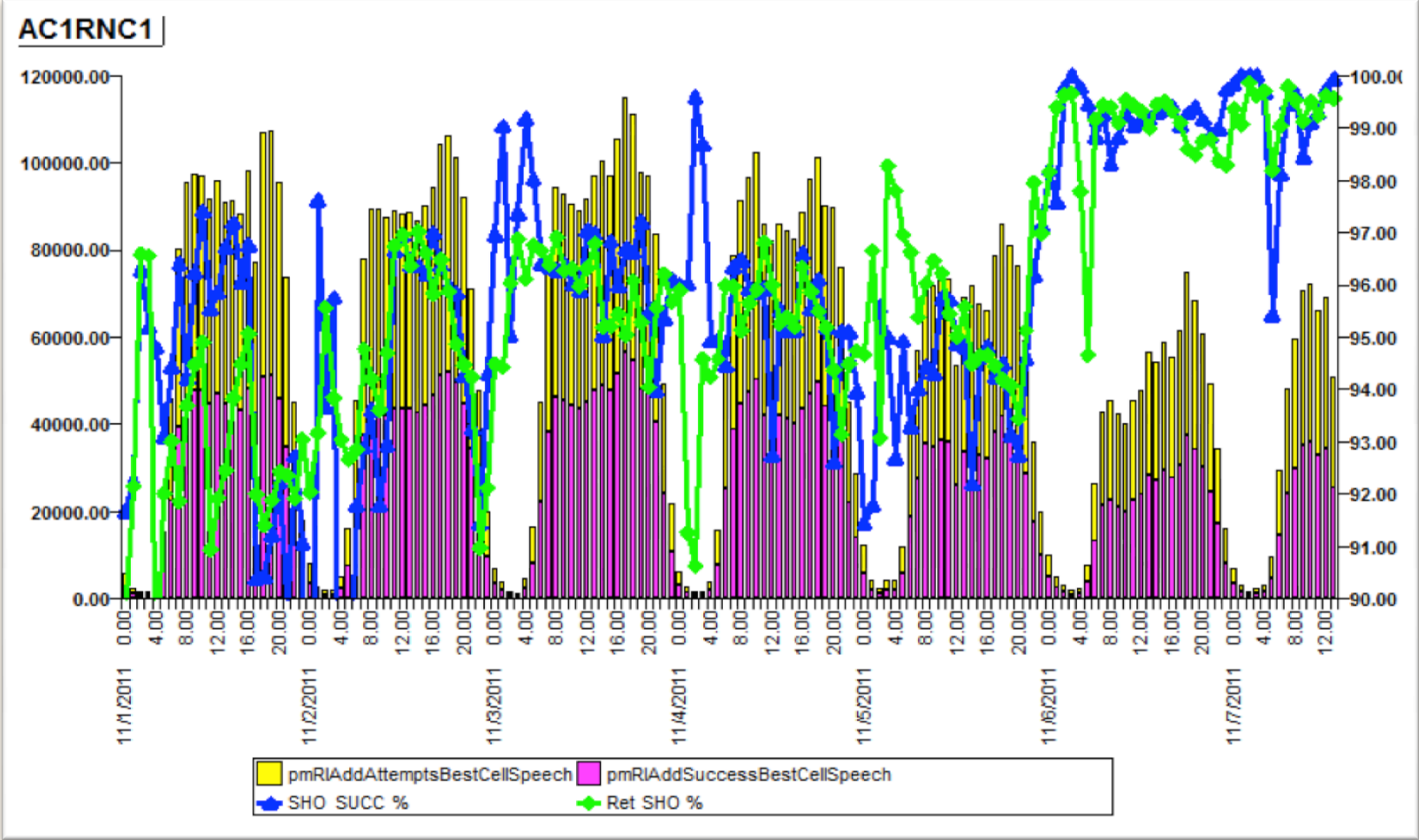
AC2RNC1

Date	pmNoSysRelSpeechUISynch	pmNoSysRelSpeechNeighbr	pmNoSysRelSpeechSoHo	Others	Drop %
11/1/2011	433	1134	1846	1918	1.32
11/2/2011	474	1283	1990	1993	1.42
11/3/2011	514	1196	2036	2700	1.64
11/4/2011	383	552	873	2185	1.05
11/5/2011	280	166	280	2284	0.98
11/6/2011	319	169	365	8301	3.60

KS1RNC1

Date	pmNoSysRelSpeechUISynch	pmNoSysRelSpeechNeighbr	pmNoSysRelSpeechSoHo	Others	Drop %
11/1/2011	672	3056	3066	1390	1.11
11/2/2011	722	3106	3108	1590	1.16
11/3/2011	702	3490	3514	2188	1.33
11/4/2011	570	1282	1298	1878	0.74
11/5/2011	500	266	288	1962	0.63
11/6/2011	510	280	292	1832	0.63





- **First higher data rates**
 - **2005 (P4)**
 - **QPSK, 5 codes, HSDSCH => 2Mbps**
 - **16QAM, 5 codes HSDSCH => 3.6Mbps**

- **P5 => 7.2 Mbps and 14.4 Mbps**
 - **10 codes or 15 codes with 16QAM**

- **P7 => 21 Mbps using 64 QAM**

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