

Statement regarding the DVB-T2 Portfolio Analysis Reports from TIPAG

TIPAG recently received from SISVEL a request for clarification regarding the communication about our case studies of their DVB-T2 portfolio. We are happy to provide some additional insight to SISVEL and to our customer base on the contents of these studies.

TIPAG's first "**DVB-T2 Case Study I**" assesses the "Broadcaster" portfolio (patents initially owned by BBC, RAI and Fraunhofer) from an implementer perspective. All listed patents were investigated for possible use in a DVB-T2-compliant receiver. Finally, for all 8 granted EP Patents, TIPAG examined the standard-essentiality and the relevance for a given DVB-T2 decoder implementation.

Later, SISVEL added 17 patents originating from LGE and SONY. TIPAG again provided a technical analysis of these publicly-listed patents, as of October 2019. Within this "TIPAG DVB-T2 Case Study II", TIPAG identified possible issues concerning a) standard-essentiality for DVB-T2 decoder implementations; and b) patent validity based on prior art concerning all granted EP patents originating from LGE. A single remaining SONY patent was not analyzed due to the fact that SISVEL may only license the SONY patents for non-display receivers (e.g. Set-Top-Boxes).

Timeline SISVEL DVB-T2 Decoder Portfolio vs. TIPAG Studies

The below charts show the evolution in time of the SISVEL DVB-T2 portfolio, as declared decoder-relevant by SISVEL's published patent list (Granted European patents with decoder functionality only).

January 2018

SISVEL DVB-T2 broadcaster patents (8 decoder patents):

BBC01	EP2220837	
BBC02	EP2165494	
BBC03	EP2477369	
BBC03	EP2158736	
FRA01	DE1020060	26895
RAI01	EP2248265	
RAI01	EP2254249	
RAI01	EP2254250	

October 2019

LGE and SONY patents added (additional 17 decoder patents):

LGE01	EP2071792
LGE01	EP2157754
LGE01	EP2239905
LGE02	EP2086155
LGE02	EP2154810
LGE02	EP2238750
LGE03	EP2086144
LGE03	EP2226957
LGE03	EP2388942
LGE04	EP3236627
LGE05	EP2195986
LGE05	EP2518963
LGE05	EP2518964
LGE06	EP2043291
LGE06	EP2139142
LGE06	EP2242199
SON01	EP1931097*

April 2020

LGE07

SAMSUNG and SONY patents added (additional 15 decoder patents):

EP2237467

EP2247055
EP2056468
EP2056467
EP2056471
EP2056550
EP2333967
EP2093887
EP2086193
EP2096777
EP2096762
EP2584708
EP2101431
EP2469746
EP2101429

July 2020

NOKIA, LGE and SAMSUNG patents added (additional 17 decoder patents):

IGE07 FP2157724

LGLO	LI 213//24
LGE07	EP2234317
LGE08	EP2079183
LGE08	EP2224635
SAM08	EP3457653
SAM10	EP2506607
SAM11	EP2442512
SAM12	EP2381583
SAM14	EP2099136
NOK01	EP1283607
NOK04	EP2132912
NOK05	EP2135388
NOK06	EP2198547
NOK07	EP2816770
NOK08	EP2210359
NOK09	EP2238798

EP2235857

NOK10

August 2018

TIPAG DVB-T2 Case Study I

From a technical point of view, TIPAG has identified possible issues in all 8 patents concerning the standard-essentiality or the relevance for DVB-T2 decoders.

April 2020

TIPAG DVB-T2 Case Study II

According to TIPAG's technical analysis, all 16 LG patents on the list possibly face issues of invalidity, non-essentiality or may be anticipated by prior art.

*The Sony patent has not been analysed

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In April 2020, SISVEL added new patents originating from SAMSUNG, SONY and LGE to the portfolio, and self-declared them as DVB-T2 decoder standard-essential.

Most recently, a portfolio originating from NOKIA was added to SISVEL's patent listing. These newly added portfolios have not been analyzed by TIPAG, so far.

The TIPAG DVB-T2 Case Studies intend to provide a professional technical opinion regarding the potential use of the patents in a DVB-T2 standard-compliant decoder, as well as the validity of the claimed inventions. The studies provide solid grounds for technical discussions and the evaluation of the portfolio. Thus, our studies facilitate negotiations for both, SISVEL and a potential licensee.

Please note that TIPAG case studies reflect our technical opinion. TIPAG does not provide legal advice and the case studies by TIPAG do not replace a detailed legal assessment by a potential licensee. TIPAG's case studies and any analyses are prepared with due care and to the best of our knowledge and belief. We cannot exclude, however, that others, including authorities and/or courts, may find differently and come to different conclusions on these subject matters.

TIPAG does not recommend refusing negotiations with SISVEL to any potential licensees, nor does TIPAG get involved in the relationship between SISVEL and potential licensees in any other way. It is up to the reader of the studies to determine on their own how to use the contents of the studies.

Truly yours,

TIPAG-Team