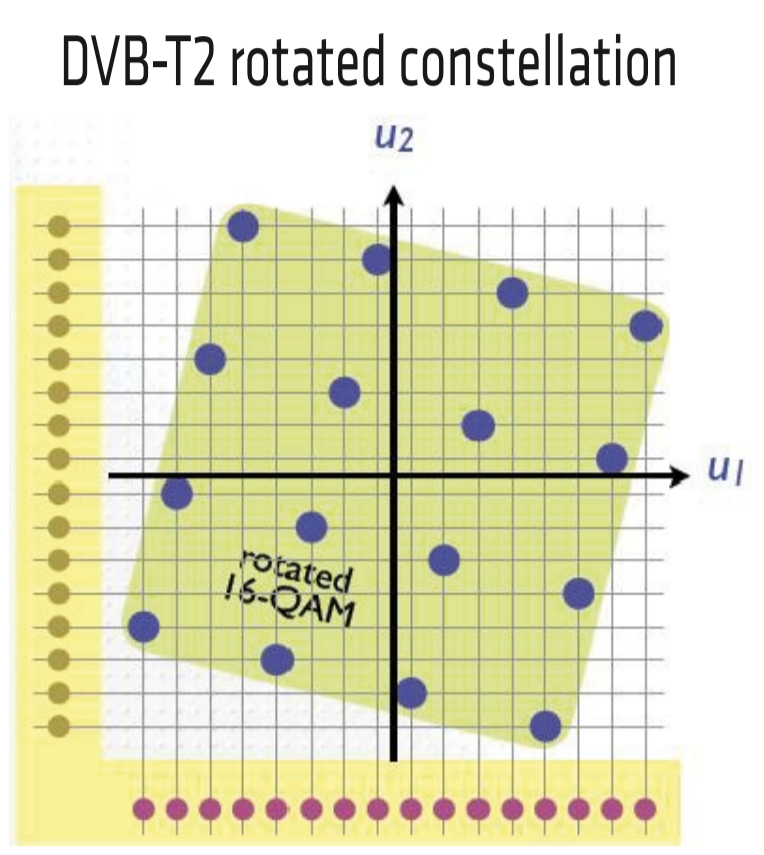
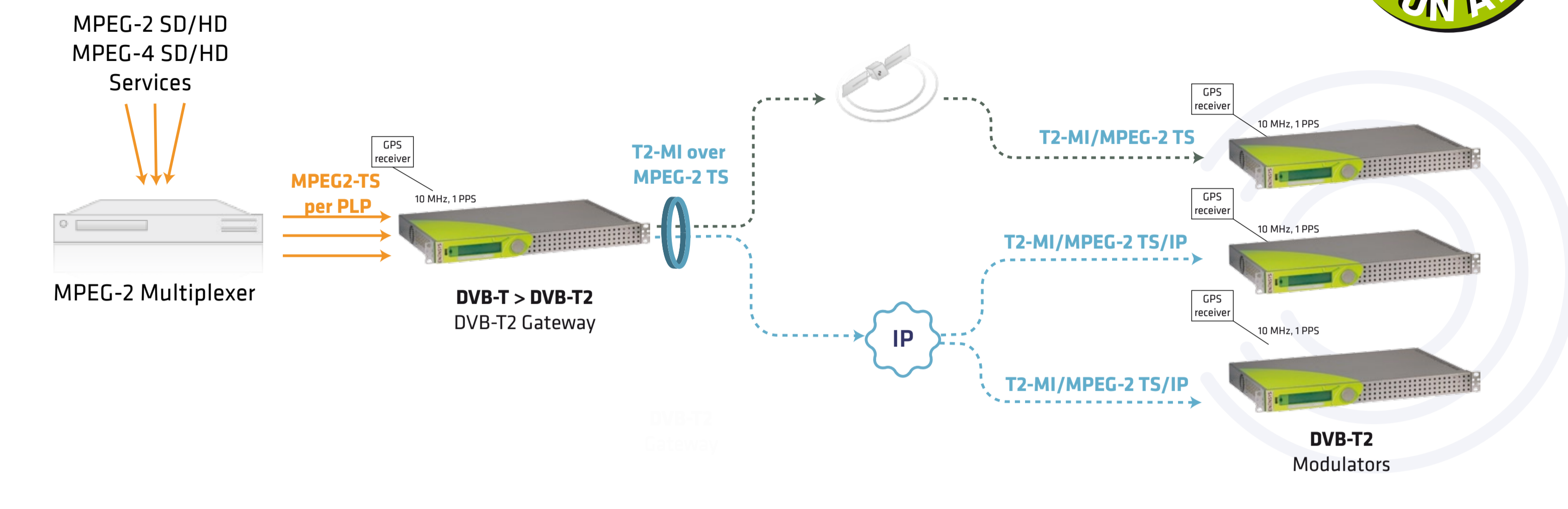


DVB-T2 vs DVB-T

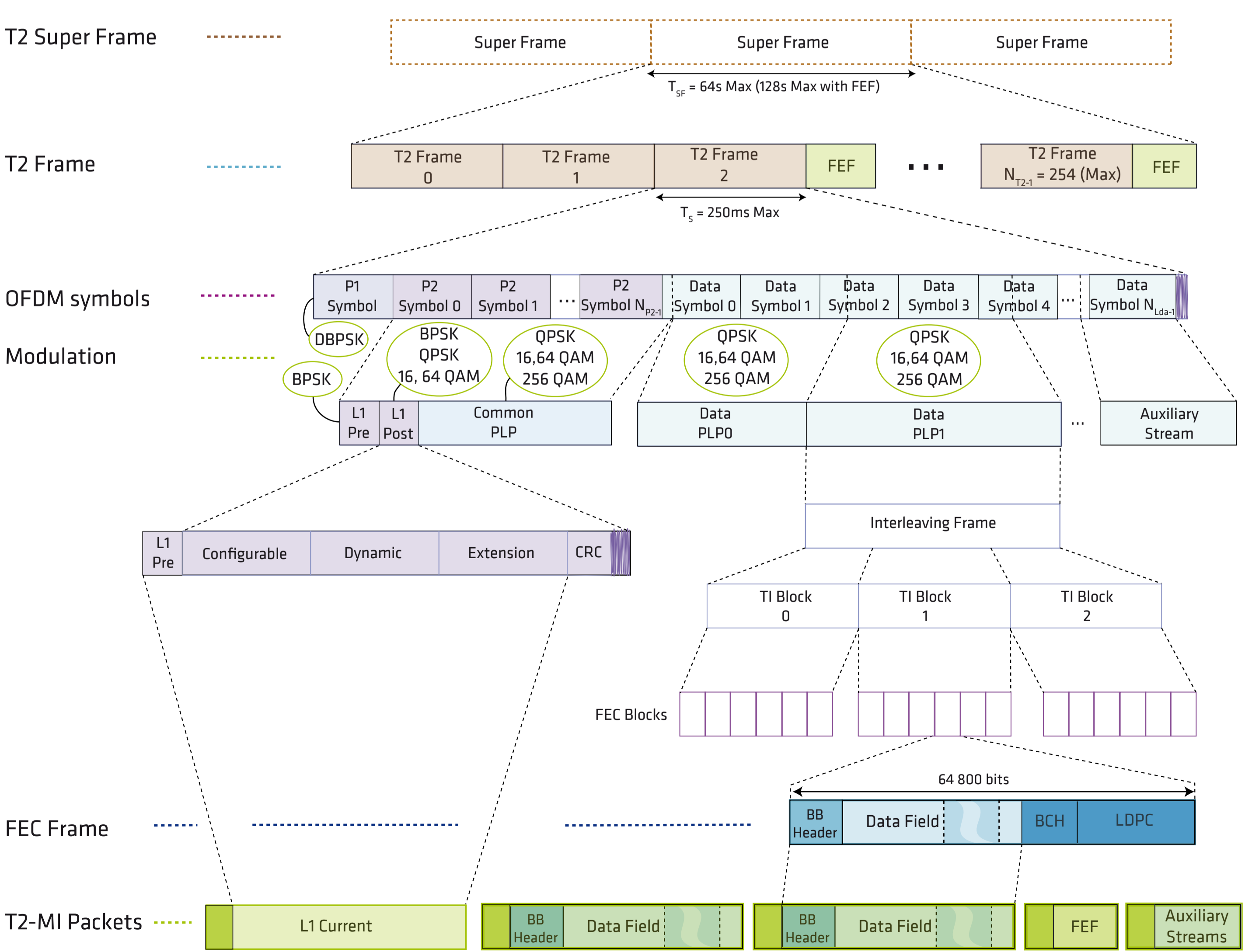
	DVB-T2	DVB-T
FEC	LDPC + BCH	CC + RS
Code Rate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6	1/2, 2/3, 3/4, 5/6, 7/8
Constellation	QPSK, 16 QAM, 64 QAM, 256 QAM	QPSK, 16 QAM, 64 QAM
Guard Interval	1/4, 19/256 , 1/8, 19/128 , 1/16, 1/32, 1/128	1/4, 1/8, 1/16, 1/32
FFT size	1K, 2K, 4K, 8K, 16K, 32K	2K, 8K
Scattered Pilots	1%, 2%, 4%, 8% of total	8% of total
Continual Pilots	0,35 % of total	2,6 % of total
Bandwidth	1,7, 5, 6, 7, 8, 10 Mhz	5, 6, 7, 8 Mhz
Max. Bandwidth	50,34 Mb/s	31,66 Mb/s



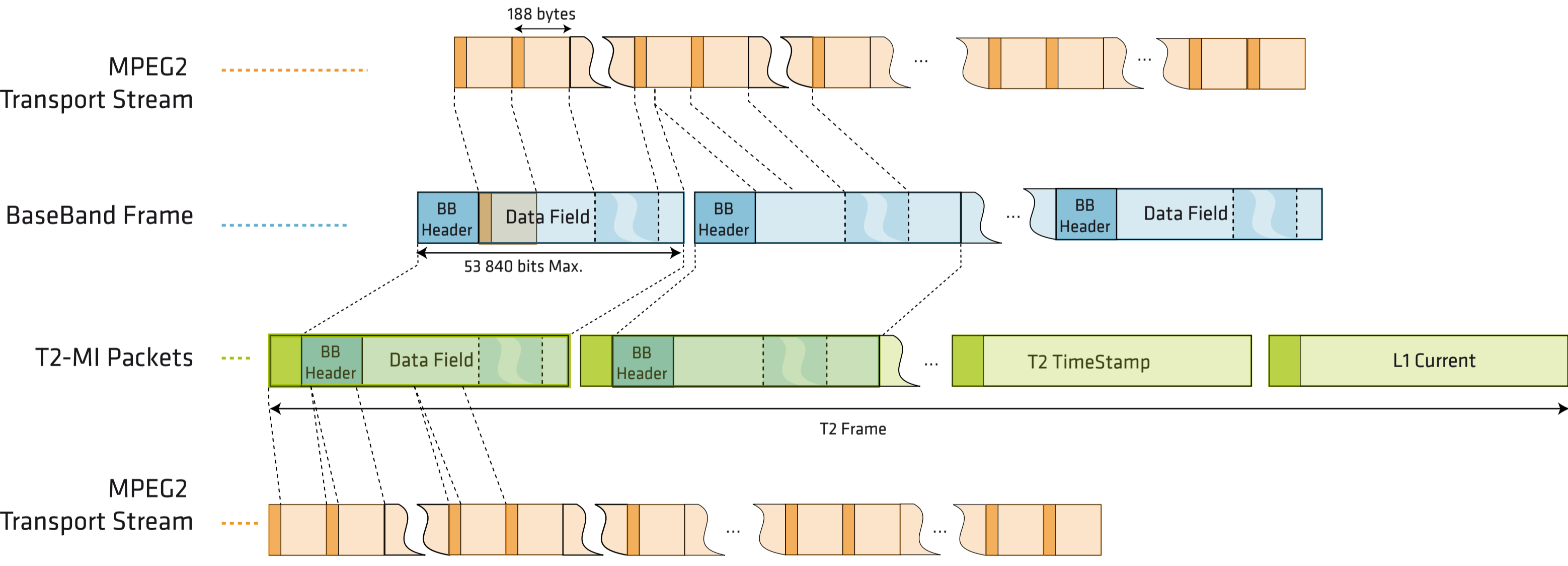
DVB-T2 digital TV broadcast architecture



DVB-T2 Framing



T2-MI Encapsulation



DVB-T2 Glossary

BB	BaseBand	T2-MI	T2-Modulator Interface
FEC	Forward Error Correction	TI Block	Time Interleaving Block
FEF	Future Extension Frame	TFS	Time Frequency Slicing
MISO	Multiple Input Single Output		
PAPR	Peak to Average Power Ratio		
PLP	Physical Layer Pipe		

