TELE-OPERATOR®
UTS v.16 DVB-T / T2
RF + DVB + TS monitor

2017.02.10

UTS v.16 DVB-T/T2

Antenna mode
Signal strength between -20 - -90 dBm

UTS v.16 DVB-T/T2 MONITOR
TELE-OPERATOR®

RF   PPS 10MHz   CH1   SERIAL   CH1 CH2 ALARM   LAN
INPUT   ASI OUT   RUN DEMOD POWER   COMPU-CONSULT Kft.

High sensitivity RF input

ASI output

Serial port control

Currently in operation

UTS v.16 DVB-T/T2

Lab mode
Signal strength between -20 - -40 dBm

High sensitivity RF input

PPS and 10 MHz

ASI output

Serial port control

UTS v.16 DVB-T/T2 dual LAN version

Antenna mode
Signal strength between -20 - -90 dBm
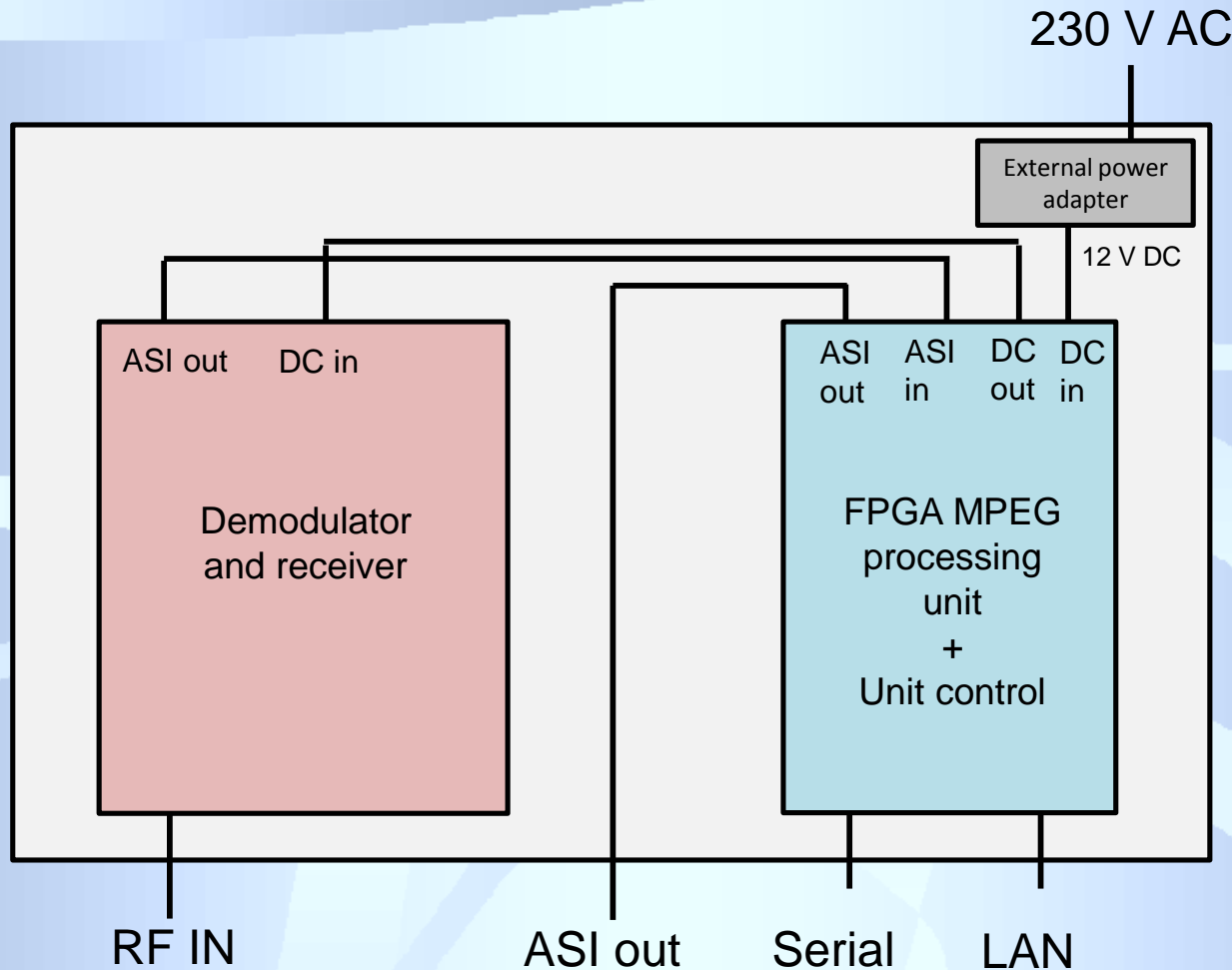
High sensitivity RF input

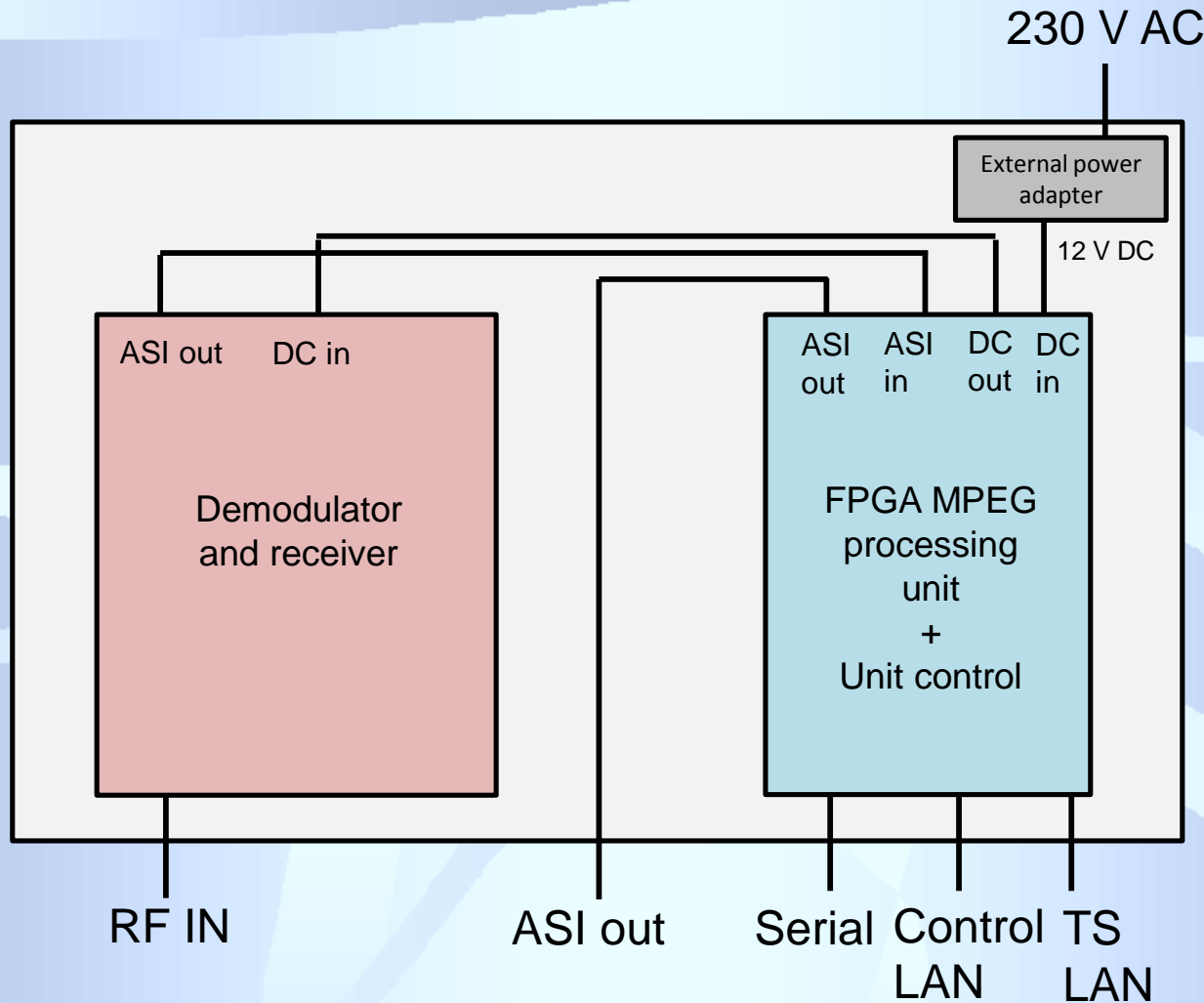Serial port control

Control LAN

TS LAN

Serial or LAN control select

TS received in RF
Output in LAN as IP stream

COMPU-CONSULT Ltd.

UTS v.16 inner structure

UTS v.16 inner structure dual LAN version

UTS v.16 RF information

RF information

Time of logging	Command	Instrument	Date of measure	Time of meas	Center frequency (Hz)	AGC OK	Carrier OK	Transport stream OK	IQ reverse detection	Time synchron	Freq synchron	Fine MER measure	RF level (dBm)	FFT	Guard interval (a/b)	Output mode	Pilot Pattern	L1 constelláció	PAPR	T2 frame/Superframe	No of OFDM symbols	Bandwith extension	T2 system ID	Cell ID
11:02:40	730M8M+001KBP	UTS-T2	2016.05.19	10:58:15	730000000	1	1	1	0	0	0	0	-17.7	32K	1p16	SISO	PP4	BPSK	OFF	2	59	Y	8232	1

Network ID	PLP number	1.PLP	2.PLP	3.PLP	4.PLP	5.PLP	6.PLP	7.PLP	8.PLP	9.PLP	10.PLP	11.PLP	12.PLP	13.PLP	14.PLP	15.PLP	16.PLP	Selected PLP	PLP type	Data constellation	Rotated constallation	Code rate	LDPC size	Time interleave type	Time interleave length	Time interleave frame interval	In band signaling	MER dB	SNR dB	BER pre LDPC	BER pre BCH	FER after BCH	Demod bitrate Kbit	DVB-T2 verzió
12003	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	TYP1	64QAM	Y	3p4	64K	1T2	3	1	N	697932288	1825360896	7E251	0E0	0E0	8808	1.1.1

UTS v.16 RF information

Type	S2	L1_Repetition_Flag	L1_COD	L1_FEC_TYPE	L1_POST_SIZE	L1_POST_INFO_SIZE	TX_ID_AVAILABILITY	REGEN_FLAG	L1_POST_EXTENSION	NUM_RF	CURRENT_RF_IDX	T2_VERSION	BASE_LITE	CRC_32	SUB_SLICES_PER_FRAME	NUM_AUX	AUX_CONFIG_RFU	RF_IDX	FREQUENCY	FEF-TYPE	FEF_LENGTH	FEF_INTERVAL	POST_SCRAMBLED
TS	10	N	1p2	LDPC	1500	318	NOID	N	N	1	0	0	TS	2700458302	2700410881	0	0	0	730000000	0	0		

UTS v.16 Program and TS information

Program provider	Program name	Program number	Program PID	Program type	PCR PID	Program version	Current/Next (1/0)	Elementary stream PID	Elementary stream speed (bit/s)	Elementary stream type	Language	Language	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors
-	SAT.1 HD Austria	12301	331	25	3310	8	1	3310	1828811	H.264 Video			40	82						

Program information head

ES streams report structure

UTS v.16 TS information

Elementary stream PID	Elementary stream speed (bit/s)	Elementary stream type	Language	Language	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Elementary stream PID	Elementary stream speed (bit/s)	Elementary stream type	Language	Language	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors
3311	105736	6	ger		122	Language	82							3315	268225	6	ger		82	Teletext						

UTS v.16 Program and TS information

Program information head

ES streams report structure

Program provider	Program name	Program number	Program PID	Program type	PCR PID	Program version	Current/Next (1/0)	Elementary stream PID	Elementary stream speed (bit/s)	Elementary stream type	Language	Language	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors
RTL	RTL HD	12302	332	25	3320	9	1	3320	6261560	H.264 Video			40	82						

UTS v.16 TS Information

Elementary stream PID	Elementary stream speed (bit/s)	Elementary stream type	Language	Language	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Descriptors	Elementary stream PID	Elementary stream speed (bit/s)	Elementary stream type	Language	Language	Descriptors	Descriptors
3321	140887	6	ger		122	Language	82						3325	309795	6	ger		82	Teletext

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