

Unit	Test Programme	Legend
	1	General
	1	Sample Code
	1.1	Brand
	1.2	Model
		Short name
	1.3	Serial number
	1.3	Product Type (SSTB without any additional features, SSTB with integrated hard drive, SSTB with second tuner, SSTB with HD decoding function)
	1.3	Software/firmware version supplied
	1.3	Hard-off switch available
	1.3	Is the device smart enabled
		Comment on model
		Lab Arrival Date
		Test Date
		Lab release date
		Name of test person
		Bought by
		Bought date
	1.4	Product Information (not mandatory in regulation, state if provided)
Y/N	1.4	Full instruction manual present
Y/N	1.4	Quick start type guide present
Y/N	1.4	Note type of instruction manual or quick start guide e.g. paper, CD etc
	1.4	Detail the power saving options and any claims made by the manufacturer
Y/N	1.4	Availability of automatic power down function
min	1.4	Default time after which the power management function, or similar function, has switched the equipment into the applicable low power mode or condition
	1.4	Sequence of events leading to the condition where the equipment automatically changes modes
Y/N	1.4	Digital Status Display
	2.1	Documentation Check
Y/N	2.1	Information about power consumption in active mode and standby mode in Watts
W	2.1	Power consumption in active mode in Watts
W	2.1	Power consumption in standby mode in Watts
	2.2	Technical Measurement
°C	2.2	Ambient temperature
V	2.2	A.C. power source voltage
	2.2.1	Power Consumption in active mode
	2.2.1	Channel used for measurement
W	2.2.1	Power Measurements in active mode over 1 minute
%	2.2.1	Difference to claimed active power consumption (if available)?
Y/N	2.2.1	Active Mode power consumption requirements conform with regulation?
	2.2.1	Comment active mode power measurements
	2.2.2	Power Consumption in standby mode
	2.2.2	Name of setting mode used
W	2.2.2	Power Measurements in standby mode over 1 minute
%	2.2.2	Difference to claimed standby power consumption?
Y/N	2.2.2	Standby mode power consumption requirements conform with regulation?
	2.2.2	Comment standby- mode power measurements
Y/N	2.2.3	Existence of APD function or similar?
Y/N	2.2.3	Enabled by default?
min	2.2.3	Claimed activation time?
min	2.2.3	Time to the set automatically switching to a low power mode
Y/N	2.2.3	Time is below 3 hours?
%	2.2.3	Difference to claimed activation time?
Y/N	2.2.3	Measured time conform with regulation?
Y/N	2.2.3	Warning message displayed 2 minutes prior to APD?
	2.2.3	Claimed by manufacturer?
Y/N	2.2.3	Warning message requirements conform with regulation?
	2.2.3	Comment on APD function

Unit	Test Programme	Legend	
	1	General	
	1	Sample Code	
	1.1	Brand	Zehnder
	1.2	Model	DX860e
		Short name	
	1.3	Serial number	DX860e115211948
	1.3	Product Type (SSTB without any additional features, SSTB with integrated hard drive, SSTB with second tuner, SSTB with HD decoding function)	SSTB without any additional features
	1.3	Software/firmware version supplied	01.108 / 01.215
	1.3	Hard-off switch available	Yes
	1.3	Is the device smart enabled	No
		Comment on model	
		Lab Arrival Date	16/07/2015
		Test Date	29/07/2015
		Lab release date	
		Name of test person	Lemke
		Bought by	EST
		Bought date	
	1.4	Product Information (not mandatory in regulation, state if provided)	
Y/N	1.4	Full instruction manual present	Y
Y/N	1.4	Quick start type guide present	N
Y/N	1.4	Note type of instruction manual or quick start guide e.g. paper, CD etc	paper
	1.4	Detail the power saving options and any claims made by the manufacturer	Manual: 6.3.9 (APD) Standby Timer acc. EC 107/2009 and 2005/32/EG
Y/N	1.4	Availability of automatic power down function	Y
min	1.4	Default time after which the power management function, or similar function, has switched the equipment into the applicable low power mode or condition	180
	1.4	Sequence of events leading to the condition where the equipment automatically changes modes	1
Y/N	1.4	Digital Status Display	Y
	2.1	Documentation Check	
Y/N	2.1	Information about power consumption in active mode and standby mode in Watts	Y
W	2.1	Power consumption in active mode in Watts	min.: 4,2 W, max. 20 W
W	2.1	Power consumption in standby mode in Watts	< 0,6 W
	2.2	Technical Measurement	
°C	2.2	Ambient temperature	23.5
V	2.2	A.C. power source voltage	230
	2.2.1	Power Consumption in active mode	
	2.2.1	Channel used for measurement	ASTRA Frequency 11836 (ARD)
W	2.2.1	Power Measurements in active mode over 1 minute	4.5
%	2.2.1	Difference to claimed active power consumption (if available)?	
Y/N	2.2.1	Active Mode power consumption requirements conform with regulation?	Y
	2.2.1	Comment active mode power measurements	
	2.2.2	Power Consumption in standby mode	
	2.2.2	Name of setting mode used	Stand by
W	2.2.2	Power Measurements in standby mode over 1 minute	0.53
%	2.2.2	Difference to claimed standby power consumption?	
Y/N	2.2.2	Standby mode power consumption requirements conform with regulation?	Y
	2.2.2	Comment standby- mode power measurements	SSTB with with status display
Y/N	2.2.3	Exsistence of APD function or similar?	
Y/N	2.2.3	Enabled by default?	Y
min	2.2.3	Claimed activation time?	180
min	2.2.3	Time to the set automatically switching to a low power mode	198
Y/N	2.2.3	Time is below 3 hours?	N
%	2.2.3	Difference to claimed activation time?	18
Y/N	2.2.3	Measured time conform with regulation?	N
Y/N	2.2.3	Warning message displayed 2 minutes prior to APD?	N (1 minute)
	2.2.3	Claimed by manufacturer?	N
Y/N	2.2.3	Warning message requirements conform with regulation?	N
	2.2.3	Comment on APD function	18 min overtime

Unit	Test Programme	Legend			
	1	General			
	1	Sample Code			
	1.1	Brand	Zehnder	Zehnder	Zehnder
	1.2	Model	DX860e	DX860e	DX860e
		Short name			
	1.3	Serial number	DX860e115215495	DX860e115215483	DX860e115215484
	1.3	Product Type (SSTB without any additional features, SSTB with integrated hard drive, SSTB with second tuner, SSTB with HD decoding function)	SSTB without any additional features	SSTB without any additional features	SSTB without any additional features
	1.3	Software/firmware version supplied	01.108 / 01.215	01.108 / 01.215	01.108 / 01.215
	1.3	Hard-off switch available	Yes	Yes	Yes
	1.3	Is the device smart enabled	No	No	No
		Comment on model			
		Lab Arrival Date	20/08/2015	20/08/2015	07/09/2015
		Test Date	26/08/2015	27/08/2015	08/09/2015
		Lab release date			
		Name of test person	Lemke	Lemke	Lemke
		Bought by	EST	EST	EST
		Bought date			
	1.4	Product Information (not mandatory in regulation, state if provided)			
Y/N	1.4	Full instruction manual present	Y	Y	Y
Y/N	1.4	Quick start type guide present	N	N	N
Y/N	1.4	Note type of instruction manual or quick start guide e.g. paper, CD etc	paper	paper	paper
	1.4	Detail the power saving options and any claims made by the manufacturer	Manual: 6.3.9 (APD) Standby Timer acc. EC 107/2009 and 2005/32/EG	Manual: 6.3.9 (APD) Standby Timer acc. EC 107/2009 and 2005/32/EG	Manual: 6.3.9 (APD) Standby Timer acc. EC 107/2009 and 2005/32/EG
Y/N	1.4	Availability of automatic power down function	Y	Y	Y
min	1.4	Default time after which the power management function, or similar function, has switched the equipment into the applicable low power mode or condition	180	180	180
	1.4	Sequence of events leading to the condition where the equipment automatically changes modes	1	1	1
Y/N	1.4	Digital Status Display	Y	Y	Y
	2.1	Documentation Check			
Y/N	2.1	Information about power consumption in active mode and standby mode in Watts	Y	Y	Y
W	2.1	Power consumption in active mode in Watts	min.: 4,2 W, max. 20 W	min.: 4,2 W, max. 20 W	min.: 4,2 W, max. 20 W
W	2.1	Power consumption in standby mode in Watts	< 0,6 W	< 0,6 W	< 0,6 W
	2.2	Technical Measurement			
°C	2.2	Ambient temperature	24.1	24	24
V	2.2	A.C. power source voltage	230	230	230
	2.2.1	Power Consumption in active mode			
	2.2.1	Channel used for measurement	ASTRA Frequency 11836 (ARD)	ASTRA Frequency 11836 (ARD)	ASTRA Frequency 11836 (ARD)
W	2.2.1	Power Measurements in active mode over 1 minute	4.5	4.5	4.5
%	2.2.1	Difference to claimed active power consumption (if available)?			
Y/N	2.2.1	Active Mode power consumption requirements conform with regulation?	Y	Y	Y
	2.2.1	Comment active mode power measurements			
	2.2.2	Power Consumption in standby mode			
	2.2.2	Name of setting mode used	Stand by	Stand by	Stand by
W	2.2.2	Power Measurements in standby mode over 1 minute	0.54	0.54	0.54
%	2.2.2	Difference to claimed standby power consumption?			
Y/N	2.2.2	Standby mode power consumption requirements conform with regulation?	Y	Y	Y
	2.2.2	Comment standby- mode power measurements	SSTB with with status display	SSTB with with status display	SSTB with with status display
Y/N	2.2.3	Exsistence of APD function or similar?			
Y/N	2.2.3	Enabled by default?	Y	Y	Y
min	2.2.3	Claimed activation time?	180	180	180
min	2.2.3	Time to the set automatically switching to a low power mode	198	198	198
Y/N	2.2.3	Time is below 3 hours?	N	N	N
%	2.2.3	Difference to claimed activation time?	18	18	18
Y/N	2.2.3	Measured time conform with regulation?	N	N	N
Y/N	2.2.3	Warning message displayed 2 minutes prior to APD?	N (1 minute)	N (1 minute)	N (1 minute)
	2.2.3	Claimed by manufacturer?	N	N	N
Y/N	2.2.3	Warning message requirements conform with regulation?	N	N	N
	2.2.3	Comment on APD function	18 min overtime	18 min overtime	18 min overtime