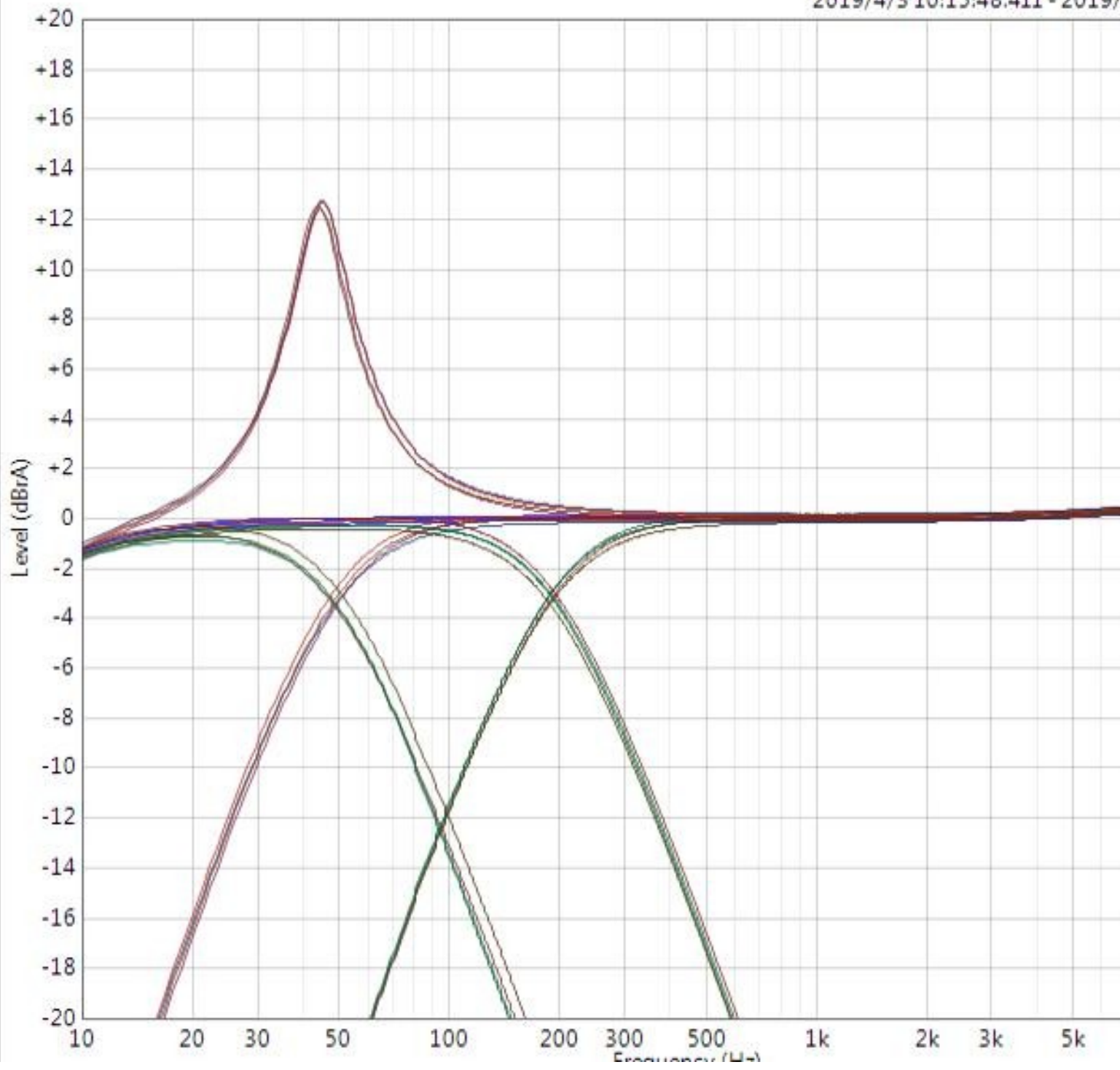


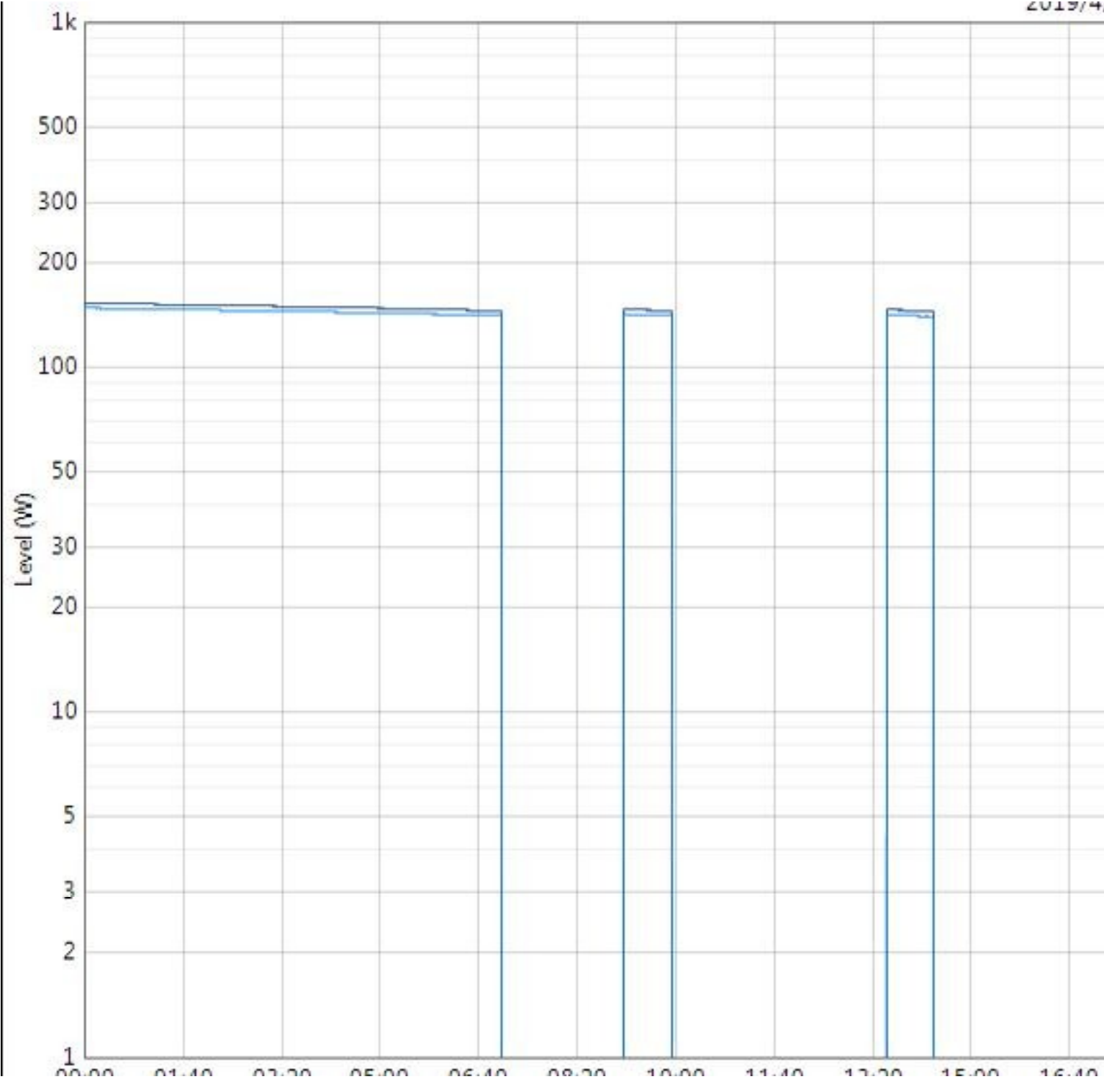
DST-401II Test Report

Performance Data	Nominal						Remarks
			1CH	2CH	3CH	4CH	
	Level:		1#				
All tests 1KHz (except as noted)							
<i>Measurement</i>	Target	Limits					
Standby Current (IOD)	<3mA		1.02				
Idle Current	<1 .5A		0.92				
Turn On/Off Noise	No Noise		OK				
Turn On Delay	3 Sec	2.5 to 3.5	3.28				
Turn Off Delay	<100us		40				
THD at Half Rated Power: 37.5W at 4 Ohms	< 0.15%		0.09%	0.20%	0.09%	0.01%	
RCA Level Sensitivity (Max) 75W at 4 Ohms	0.15V	10%	152.8mV	157.2mV	154.5mV	160.7mV	
	0.5V	10%	501.2mV	516mV	506mV	527mV	
	1V	10%	1.001V	1.008V	1.008V	1.048V	
RCA Level Sensitivity(Min) 75W at 4 Ohms	1.5V	10%	1.5V	1.51V	1.51V	1.51V	
	5V	10%	4.91V	4.94V	4.94V	4.96V	
	10V	10%	9.78V	9.8V	9.8V	9.844V	
Input Switch - (Amp 1 Input to Amp 2)	YES		OK				
Speaker Polarity at 100Hz	In	< 40°	4.04		4.1		
1W Frequency Response	20Hz	20kHz	-0.27	-0.48	-0.32	-0.67	
Full range	+0/-1	+0/-1	0.9	0.79	0.84	0.63	
High Pass Crossover	200Hz	180 to 220	193	192	189	190	
	50Hz	40 to 60	50	50.9	49	50	
HP Slope	12dB	11 to 13	12	12	12.9	12	
Low Pass Crossover	200Hz	180 to 220	188	180	190	181	
	50Hz	40 to 60	48	42	48	42	
LP Slope	12dB	11 to 13	12	11.3	12	11.6	
Bass Boost	+12dB	11 to 13	12.6	12.85	12.7	12.2	
(Center Freq)	45Hz	40 to 50	44	44	44	44	
(Q)	3	2.5 to 3.5	3.3	3.1	3.3	3.4	
Channel Separation - 75W at 4 Ohms	> 55dB		73	73	78	83	
SNR-A (1.5V input) – 75W at 4 Ohms Full range	> 95dBA		106.6	106.5	106	107	

DST-401II Test Report

Performance Data	Nominal							Remarks
			1CH	2CH	3CH	4CH	5CH	
SNR (CEA) 1 Watt Full range	> 75db		88	88	86.5	86.6		
Damping Factor at 4 Ohm 10W	>100		130	212	129	156		
4 Ohm Stereo Power at 1%, 14.4Vdc	>75W		88.8	88.1	88.5	87.6		
2 Ohm Stereo Power at 1%, 14.4Vdc	>100W		147	146	146	137		
4 Ohm Bridged Power at 1%, 14.4Vdc	>200W		240		249			
Current Draw at 2 Ohm , 1%	<55A		49A					
Efficiency at 4 Ohm Bridged, 1%	>75%		91%					
Time To Thermal – 1 st Shutdown	Time	Temp						
Thermal: Ambient Temp / Total Output	75±5°C	W	80.7°C		147W			
LED Operation (Thermal)	OK		OK					
Short Protection	No Failure		OK					
LED Operation (Short)	OK		OK					
Over Voltage Protect (Up/Down)	16V	15.5 - 16.5	16.1					
LED Operation (OVP)	OK		OK					
Under Voltage Protect (Up/Down)	8V	7.5 - 8.5	7.9					
LED Operation (UVP)	OK		OK					
Under Voltage Protection (PRT LED on When Vs < 10.5V)			OK					
Rem turn on voltage	5V	4 to 6V	5.1					
Hi-Level DC turn on	3V	2 to 4V	2.75					
Audio Turn-On 1KHz	10mV	5 to 15mV	5					
Audio Turn Off Delay(100mV 1KHz Off)	50S	40 to 60S	56					
			Comments:					
TEST VOLTAGE..... 14.4±0.1V AUDIO ANALYZER: AP-SYSTEM 2					MODEL: DST-401II		VER: A1	
							DWG No: DST-401II-E-03	
			PREPARED BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE





:2019/04/03 11:19:03-2019/04/03 11:44:03



DST-401II 1KHz 20hm 1%THD Time

	DATE		ROOM	RTH	
1	03/04/2019	11:24:31	27.9	28.2	On
425	03/04/2019	11:31:35	27.6	78.2	Off
548	03/04/2019	11:33:38	28	71.9	On
599	03/04/2019	11:34:29	28	80.2	Off
810	03/04/2019	11:38:00	27.8	73.2	On
863	03/04/2019	11:38:53	27.9	80.7	Off
1054	03/04/2019	11:42:04	28.1	73.8	On