

Communications Certification Lab EM Immunity Test - Aug 11, 2004

DASDEC-1EN subjected to ~1V/m FM, TV and 10V/m AM EM field.

A continuous decode of Required Monthly Test (RMT) audio feed from encoder into decoder. This is decoder output showing 426 successful decodes in a row. Encoding feed output for 416 encodes is shown below decoder output.

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Wed Aug 11 08:43:10 2004:New alert #101 scanner 'L1' Left channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
**** Left scanner 'L1' alert #101 NEW!  
Wed Aug 11 08:43:10 2004:New alert #101 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'R1' #101 Duplicate of current 'Left' alert #101  
Wed Aug 11 08:46:11 2004:New alert #102 scanner 'L1' Left channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'L1' #102 Duplicate of previous Left scanner 'L1' alert #101  
'L1' #102 Duplicate of previous Right scanner 'R1' alert #101  
Wed Aug 11 08:46:11 2004:New alert #102 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'R1' #102 Duplicate of previous Left scanner 'L1' alert #101  
'R1' #102 Duplicate of previous Right scanner 'R1' alert #101  
Wed Aug 11 08:46:32 2004:New alert #103 scanner 'L1' Left channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'L1' #103 Duplicate of previous Left scanner 'L1' alert #102  
'L1' #103 Duplicate of previous Right scanner 'R1' alert #102  
Wed Aug 11 08:46:32 2004:New alert #103 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'R1' #103 Duplicate of previous Left scanner 'L1' alert #102  
'R1' #103 Duplicate of previous Right scanner 'R1' alert #102  
Wed Aug 11 08:46:53 2004:New alert #104 scanner 'L1' Left channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'L1' #104 Duplicate of previous Left scanner 'L1' alert #103  
'L1' #104 Duplicate of previous Right scanner 'R1' alert #103  
Wed Aug 11 08:46:53 2004:New alert #104 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'R1' #104 Duplicate of previous Left scanner 'L1' alert #103  
'R1' #104 Duplicate of previous Right scanner 'R1' alert #103  
Wed Aug 11 08:47:14 2004:New alert #105 scanner 'L1' Left channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'L1' #105 Duplicate of previous Left scanner 'L1' alert #104  
'L1' #105 Duplicate of previous Right scanner 'R1' alert #104  
Wed Aug 11 08:47:14 2004:New alert #105 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'R1' #105 Duplicate of previous Left scanner 'L1' alert #104  
'R1' #105 Duplicate of previous Right scanner 'R1' alert #104  
Wed Aug 11 08:47:35 2004:New alert #106 scanner 'L1' Left channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'L1' #106 Duplicate of previous Left scanner 'L1' alert #105  
'L1' #106 Duplicate of previous Right scanner 'R1' alert #105  
Wed Aug 11 08:47:35 2004:New alert #106 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'R1' #106 Duplicate of previous Left scanner 'L1' alert #105  
'R1' #106 Duplicate of previous Right scanner 'R1' alert #105  
Wed Aug 11 08:47:56 2004:New alert #107 scanner 'L1' Left channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'L1' #107 Duplicate of previous Left scanner 'L1' alert #106  
'L1' #107 Duplicate of previous Right scanner 'R1' alert #106  
Wed Aug 11 08:47:56 2004:New alert #107 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'R1' #107 Duplicate of previous Left scanner 'L1' alert #106  
'R1' #107 Duplicate of previous Right scanner 'R1' alert #106  
Wed Aug 11 08:48:16 2004:New alert #108 scanner 'L1' Left channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'L1' #108 Duplicate of previous Left scanner 'L1' alert #107  
'L1' #108 Duplicate of previous Right scanner 'R1' alert #107  
Wed Aug 11 08:48:16 2004:New alert #108 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'R1' #108 Duplicate of previous Left scanner 'L1' alert #107  
'R1' #108 Duplicate of previous Right scanner 'R1' alert #107  
Wed Aug 11 08:48:37 2004:New alert #109 scanner 'L1' Left channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'L1' #109 Duplicate of previous Left scanner 'L1' alert #108  
'L1' #109 Duplicate of previous Right scanner 'R1' alert #108  
Wed Aug 11 08:48:37 2004:New alert #109 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'  
'R1' #109 Duplicate of previous Left scanner 'L1' alert #108
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'L1' #523 Duplicate of previous Left scanner 'L1' alert #522
'L1' #523 Duplicate of previous Right scanner 'R1' alert #522
Wed Aug 11 11:12:40 2004:New alert #523 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'
'R1' #523 Duplicate of previous Left scanner 'L1' alert #522
'R1' #523 Duplicate of previous Right scanner 'R1' alert #522
Wed Aug 11 11:13:00 2004:New alert #524 scanner 'L1' Left channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'
'L1' #524 Duplicate of previous Left scanner 'L1' alert #523
'L1' #524 Duplicate of previous Right scanner 'R1' alert #523
Wed Aug 11 11:13:00 2004:New alert #524 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'
'R1' #524 Duplicate of previous Left scanner 'L1' alert #523
'R1' #524 Duplicate of previous Right scanner 'R1' alert #523
Wed Aug 11 11:13:21 2004:New alert #525 scanner 'L1' Left channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'
'L1' #525 Duplicate of previous Left scanner 'L1' alert #524
'L1' #525 Duplicate of previous Right scanner 'R1' alert #524
Wed Aug 11 11:13:21 2004:New alert #525 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'
'R1' #525 Duplicate of previous Left scanner 'L1' alert #524
'R1' #525 Duplicate of previous Right scanner 'R1' alert #524
Wed Aug 11 11:13:42 2004:New alert #526 scanner 'L1' Left channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'
'L1' #526 Duplicate of previous Left scanner 'L1' alert #525
'L1' #526 Duplicate of previous Right scanner 'R1' alert #525
Wed Aug 11 11:13:42 2004:New alert #526 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'
'R1' #526 Duplicate of previous Left scanner 'L1' alert #525
'R1' #526 Duplicate of previous Right scanner 'R1' alert #525
Wed Aug 11 11:14:03 2004:New alert #527 scanner 'L1' Left channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'
'L1' #527 Duplicate of previous Left scanner 'L1' alert #526
'L1' #527 Duplicate of previous Right scanner 'R1' alert #526
Wed Aug 11 11:14:03 2004:New alert #527 scanner 'R1' Right channel:'ZCZC-EAS-RMT-049035+0015-2191534-DASDEC -'
'R1' #527 Duplicate of previous Left scanner 'L1' alert #526
'R1' #527 Duplicate of previous Right scanner 'R1' alert #526

Encoder output

1;loopplay
2;loopplay:xterm: root@dasdec3:/home/wood/digendec_project/audio/loopplay
loopplay rmt.wav /dev/dsp2 @Wed Aug 11 08:45:47 2004
1. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:45:47 2004
2. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:46:07 2004
3. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:46:28 2004
4. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:46:49 2004
5. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:47:10 2004
6. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:47:31 2004
7. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:47:52 2004
8. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:48:13 2004
9. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:48:34 2004
10. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:48:54 2004
11. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:49:15 2004
12. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:49:36 2004
13. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:49:57 2004
14. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:50:18 2004
15. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:50:39 2004
16. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:51:00 2004
17. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:51:21 2004
18. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:51:41 2004
19. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:52:02 2004
20. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:52:23 2004
21. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:52:44 2004
22. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:53:05 2004
23. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:53:26 2004
24. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:53:47 2004
25. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:54:08 2004
26. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:54:28 2004
27. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 08:54:49 2004

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400. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:04:36 2004
401. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:04:57 2004
402. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:05:17 2004
403. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:05:38 2004
404. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:05:59 2004
405. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:06:20 2004
406. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:06:41 2004
407. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:07:02 2004
408. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:07:23 2004
409. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:07:44 2004
410. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:08:04 2004
411. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:08:25 2004
412. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:08:46 2004
413. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:09:07 2004
414. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:09:28 2004
415. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:09:49 2004
416. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:10:10 2004
417. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:10:31 2004
418. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:10:51 2004
419. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:11:12 2004
420. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:11:33 2004
421. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:11:54 2004
422. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:12:15 2004
423. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:12:36 2004
424. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:12:57 2004
425. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:13:18 2004
426. '/usr/bin/sox rmt.wav -t ossdsp /dev/dsp2' @ Wed Aug 11 11:13:38 2004