

NOT FOR PUBLIC DISCLOSURE

Doc. TSG/S9-000
04/28/08

ATSC Specialist Group on RF Transmission (TSG/S9)

Document Log

Doc. TSG/S9-

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-350	10/9/07	CRC	A-VSB Field Test presentation	Presented at 10/9/07 mtg.
-351	10/9/05	S9-5 (V. Tawil)	A-VSB Field Test analysis presentation	Presented at 10/9/07 mtg.
-352	10/9/05	Samsung (J. Lee)	Analysis of SRS Performance	Presented at 10/9/07 mtg.
-353	10/10/07	TSG/S9 (D. Layer)	Minutes of 10/9/07 meeting of ATSC TSG/S9 (60th meeting)	
-354	10/15/07	Samsung (H. Jeong)	Letter to C. Einolf requesting that A-VSB evaluation be suspended	
-355	10/30/07	TSG/S9 (D. Layer)	Minutes of 10/30/07 meeting of ATSC TSG/S9 (61st meeting)	
-356	11/9/07	TSG/S9 (C. Einolf)	Letter to Samsung, Rohde & Schwarz regarding suspension of A-VSB evaluation	
-357	12/17/07	TSG/S9 (D. Layer)	Minutes of 12/17/07 meeting of ATSC TSG/S9 (62nd meeting)	
-358	2/21/08	TSG/S9 (D. Layer)	Minutes of 2/21/08 meeting of ATSC TSG/S9 (63rd meeting)	
-359	4/23/08	TSG/S9 (C. Einolf)	S9 Status Report	Submitted to TSG
-359r1	4/24/08			
-360	4/23/08	TSG/S9 (C. Einolf)	Corrigendum No 1 to ATSC Digital Television Standard Part 2 – RF/Transmission System Characteristics	Working Draft
-360r1	4/24/08			
-361	4/28/08	TSG/S9 (D. Layer)	Minutes of 4/24/08 meeting of ATSC TSG/S9 (64th meeting)	

NOT FOR PUBLIC DISCLOSURE

Doc. T3/S9-

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-001	6/27/00	ATSC Exec. Comm.	Directive to initiate standards activity in the area of compatible and non-compatible VSB enhancements	(single paragraph)
-002a	11/7/00	T3/S9 (D. Layer)	Draft VSB enhancement work plan and schedule	First draft – distributed prior to 11/13/00 meeting
-002b	12/13/00			As revised at 11/13 mtg.
-002c	1/3/01			As revised at 12/13 mtg.
-002d	4/11/01			As revised after 4/11 mtg.
-002e	7/13/01			Updated to reflect completed tasks
-002f	8/7/01			As revised after 7/18 mtg.
-002g	9/10/01			As revised after 8/14 mtg.
-002h	9/24/01			As revised after 9/10 mtg.
-002i	12/11/01			As revised after 11/16 mtg.
-002j	1/17/02			As revised after 12/11 mtg.
-002r10	3/18/02			As revised after 3/13 mtg.
-002r11	4/23/02			As revised after 4/16 mtg.
-003	5/12/00	NAB/MSTV	Request for proposals on VSB improvement	
-004	6/21/00	ATSC	Report on broadcaster requirements	From task force on RF system performance
-005	11/13/00	T3/S9 (J. Kutzner)	VSB enhancement – field testing proposed work plan	Defines work of field testing subgroup
-006	10/1/00	ATSC	DTV field testing plan design recommendations (rev. 4)	From task for on RF system performance
-007	12/4/00	T3/S9 (D. Layer)	Minutes of 11/13/00 meeting of ATSC T3/S9 (1st meeting)	As adopted
-008a	12/13/00	T3/S9 (R. Seidel)	T3/S9 Terms of Reference	First draft
-008b	12/13/00	T3/S9		As adopted
-008c	12/9/04	T3/S9 (C. Einolf)		Draft update
-009a	12/13/00	T3/S9 (J. Whitaker)	Draft RFP	First draft
-009b	1/3/01			First revision of draft RFP
-009c	1/3/01			Incorporates revisions made at 1/3/01 meeting
-009e	1/16/01			Note: rev “d” never distributed
-009g	1/25/01			As released
-010a	12/13/00	T3/S9 (D. Layer)	T3/S9 RFP distribution list	First draft
-010b	1/23/01			Incorporates additional names
-011	1/2/01	T3/S9 (D. Layer)	Minutes of 12/13/00 meeting of ATSC T3/S9 (2nd meeting)	First draft
-011a	1/16/01			As adopted
-012	1/16/01	T3/S9 (D. Layer)	Minutes of 1/3/01 meeting of ATSC T3/S9 (3rd meeting)	As adopted

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-013	1/24/01	CBS (J. Flaherty)	Proposed changes to VSB enhancement RFP	
-014	2/5/01	T3/S9 (D. Layer)	Minutes of 1/24/01 meeting of ATSC T3/S9 (4th meeting)	First draft
-014a	2/9/01			As adopted
-015	2/7/01	CEA (G. Hanover)	Hand-held, portable, and mobile TV market overview study	Cover sheet/summary
-016	2/7/01	CEA (G. Hanover)	Hand-held, portable, and mobile TV market overview study	Detailed survey results
-017a	2/7/01	T3/S9 (J. Kutzner)	Recommended Practice on DTV field testing	Draft as reviewed by T3/S9
-017b	2/13/01			As presented to T3
-018	2/13/01	T3/S9 (D. Layer)	Minutes of 2/7/01 meeting of ATSC T3/S9 (5th meeting)	As adopted
-019	2/15/01	-	Questions regarding VSB enhancements RFP	
-020	2/15/01	-	Questions regarding VSB enhancements RFP	
-021	2/26/01	T3/S9 (D. Layer)	Minutes of 2/15/01 meeting of ATSC T3/S9 (6th meeting)	As adopted
-022	3/5/01	T3/S9 (D. Layer)	Additional questions and answers regarding VSB enhancements RFP	Emailed to T3/S9 3/5/01
-023	3/20/01	T3/S9 (A. Bater)	T3/S9 VSB improvements evaluation matrix / phase two issues / testing modes matrix	Excerpt of HTML document suite (see also doc. T3/S9-026)
-024	3/20/01	CEA (G. Hanover)	Portable, handheld & mobile market study	PowerPoint presentation
-025	3/26/01	T3/S9 (D. Layer)	Minutes of 3/20/01 meeting of ATSC T3/S9 (7th meeting)	First draft
-026	4/11/01	T3/S9 (A. Bater)	T3/S9 VSB enhancements evaluation matrix	Microsoft Word version of doc. T3/S9-023
-026a	6/1/01			Revised by respondents and T3/S9
-027	4/2/01	ADC Telecommunications Inc.	Proposal for potential revisions to ATSC Standards in the area of transmission; Attachments; Patent statement	Submitted as three separate .pdf files
-028	4/2/01	Broadcom	Proposal in response to the RFP of ATSC T3/S9 for potential revisions to ATSC Standards in the area of transmission specifications	
-029	4/2/01	Conexant	VSB enhancement using a hidden pilot	
-030	4/2/01	Merrill Weiss Group	Response to ATSC RFP - Potential revisions to ATSC Standards in the area of transmission specifications	
-031	4/2/01	NxtWave Communications	NxtWave proposal for backward-compatible extensions to A/53	
-032	4/2/01	Oren Semiconductor	Proposal for enhancements to ATSC A/53 specification – response to the ATSC 8-VSB improvement RFP	

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-033	4/4/01	Philips	Proposal for an improved ATSC DTV standard (revision to A/53)	Submitted as two separate .pdf files
-034	4/2/01	Patel-Limberg-McDonald	Proposal to ATSC subcommittee T3/S9 to provide 8-VSB with a repetitive-PN1023 signal for rapidly and reliably initializing tracking in an adaptive equalizer despite adverse multipath conditions	Submitted as one .pdf file (proposal) and one Word file (attachments 2 and 3)
-035	4/2/01	Sarnoff Corporation	Proposed modifications to ATSC digital television standard to improve performance in the face of dynamic multipath for both fixed and mobile operation	
-036	4/2/01	Zenith Electronics Corporation	T3/S9 RFP response	
-037		T3/S9 (D. Layer)	Minutes of 4/10-11/01 meeting of ATSC T3/S9 (8th meeting)	First draft
-038	5/4/01	T3/S9 (D. Layer)	Question list #1 – T3/S9 VSB enhancements proposal	
-039	5/5/01	Merrill Weiss Group (M. Weiss)	Responses to proposal questions – round 1	
-040	5/7/01	Patel-Limberg-McDonald	Responses to proposal questions – round 1	
-041	5/7/01	ADC (D. Neff)	Response to proposal questions – round 1	
-042	5/8/01	NxtWave (C. Strolle)	Response to proposal questions – round 1	
-043	5/8/01	Conexant (J. Parker)	Response to proposal questions – round 1	
-044	5/8/01	Oren Semiconductor (M. Reen)	Response to proposal questions – round 1	
-045	5/8/01	Sarnoff (H. Owen)	Response to proposal questions – round 1	
-046	5/8/01	Philips (D. Birru)	Response to proposal questions – round 1	
-047	5/23/01	LINX Electronics (R. Citta)	Comments on Improvement Proposals Submitted to the ATSC	Received by T3/S9 on 6/5/01
-048	5/23/01	CEA (G. Hanover)	Guidelines for testing	
-049	5/25/01	Broadcom	Specifications Of Broadcom Proposal For Potential Revisions To ATSC Standards In The Area Of Transmission Specifications	
-050	6/6/01	Broadcom	Broadcom presentation	Delivered at 6/6-7 meeting
-051		Patel-Limberg-McDonald	PLM presentation (edited slightly from version given at meeting)	
-052		J. Henderson	Dual-stream sub-group report	

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-053		C. Strolle	NxtWave presentation	
-054		D. Bryan	Philips presentation	
-055		W. Bretl	Zenith presentation	
-056		V. Tawil	Other sub-group report	
-057		D. Hershberger	ADC presentation (slides & text)	
-058		M. Weiss	Merrill Weiss Group presentation	
-059		C. Einolf	Lab test sub-group report	
-060		M. Reen	Oren Semiconductor presentation	
-061		Y. Wu	Training signal sub-group report	
-062	6/6/01	H. Owen	Sarnoff presentation	Delivered at 6/6-7 meeting
-063	6/21/01	T3/S9 (D. Layer)	Minutes of 6/6-7/01 meeting of ATSC T3/S9 (9th meeting)	First draft
-063a	6/26/01			As adopted
-064	6/26/01	M. Petricone	Letter re: backward compatibility	
-065	6/26/01	A. Allison	Definition of backward compatibility	Introduced at 6/26 meeting
-065a	6/29/01			As revised
-066	6/26/01	C. Einolf	Status report – lab test subgroup	Presented at 6/26 meeting
-067	6/26/01	J. Kutzner	Status report – Field test subgroup	Presented at 6/26 meeting
-068	7/3/01	T3/S9 (D. Layer)	Minutes of 6/26/01 meeting of ATSC T3/S9 (10th meeting)	First draft
-069	7/10/01	ATSC (M. Richer)	Request for evaluation	First draft
-069a	7/25/01			As revised
-069b	9/10/01			As further revised
-069c	9/24/01			Adopted version
-070	7/13/01	Broadcom (T. Liu)	Test of enhanced VSB signal based on Broadcom proposal	First draft
-070a	8/6/01			As revised
-071	7/16/01	Philips (D. Bryan)	A draft addendum to the A/53 standard	Describes a merged dual-stream system proposal
-072	7/17/01	Rohde & Schwarz (M. Simon)	Compatibility test of Broadcom enhanced VSB signal with legacy DTV receivers	
-073	7/18/01	Philips (A. Dasgupta)	Presentation on Philips draft revision to ATSC standard A/53	
-074	7/18/01	T3/S9 (C. Einolf)	T3/S9 lab test subgroup report of meeting of 7/13/01	
-075	7/18/01	T3/S9 (J. Kutzner)	T3/S9 field test subgroup report of meeting of 7/13/01	
-076	7/24/01	J. Henderson	Drafting ad-hoc group of T3/S9 meeting report	
-077	8/7/01	T3/S9 (D. Layer)	Minutes of 7/18/01 meeting of ATSC T3/S9 (11th meeting)	First draft
-077a	8/17/01			As revised
-078	8/7/01	Zenith / NxtWave (C. Strolle)	Draft specification – Zenith/NxtWave combined system	
-079	8/12/01	Oren Semi-	Oren Semiconductor merged TrS proposal	Discussed at 8/14/01 mtg.

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-079a	9/6/01	conductor (M. Reen / Y. Cohen)	recommendation	Introduced at 9/10/01 mtg.
-079b	10/7/01			Ver. 1.6
-080	8/14/01	WHD (Stan Salamon)	Compatibility test of Philips enhanced VSB signal with legacy DTV receivers	Discussed at 8/14/01 meeting (see also doc. T3/S9-092)
-081	8/14/01	Philips (D. Birru)	Presentation by Philips on 2-VSB	Presented at 8/14/01 meeting
-082	8/14/01	NxtWave / Zenith (J. Hamilton)	8-VSB enhancement system	Presented at 8/14/01 meeting
-083	8/14/01	T3/S9 (J. Kutzner)	T3/S9 field test subgroup report	Presented at 8/14/01 meeting
-084	8/14/01	T3/S9 (C. Einolf)	T3/S9 lab test subgroup report	Presented at 8/14/01 meeting
-085	8/14/01	Philips (A. DasGupta)	Draft addendum to the A/53 Standard – ver. 0.3	Distributed after the 8/14/01 meeting
-086	8/17/01	T3/S9 (D. Layer)	Minutes of 8/14/01 meeting of ATSC T3/S9 (12th meeting)	As approved
-087	8/28/01	T3/S9 (J. Kutzner)	DTV field test plan	Rev. 4
-087a	9/28/01			Rev. 5
-087b	10/11/01			Adopted version
-088	9/6/01	T3/S9 (C. Einolf)	DTV lab test plan	Rev. 0.7
-088a	9/19/01			Rev. 0.8 – incorporates changes from 9/10/01 mtg.
-088b	10/9/01			Rev. 0.9
-088c	10/11/01			Adopted version (rev. 1.0)
-089	9/10/01	T3/S9 (C. Einolf)	T3/S9 lab test subgroup report	Presented at 9/10/01 meeting
-090	9/10/01	T3/S9 (J. Kutzner)	T3/S9 field test subgroup report	Presented at 9/10/01 meeting
-091	9/6/01	T3/S9 (A. Allison)	Draft Annex D – revision 1 [revision to ATSC standard A/53]	Distributed at the 9/10/01 meeting
-091a	10/5/01			S9-091B.1
-091r2	2/8/02			
-091r3	2/25/03			
-092	9/10/01	WHD (T. Gurley)	Backwards compatibility tests of Philips system	Presented at 9/10/01 meeting (see also doc. T3/S9-080)
-093	9/10/01	WHD (T. Gurley)	Backwards compatibility tests of Zenith/NxtWave system	Presented at 9/10/01 meeting
-094	9/10/01	Rohde & Schwarz (M. Simon)	New method to accurately measure C/N (Philips 2-VSB proposal)	Presented at 9/10/01 meeting
-095	1/5/01	ATSC (IS)	Updating A/54	
-096	9/25/01	T3/S9 (D. Layer)	Minutes of 9/10/01 meeting of ATSC T3/S9 (13th meeting)	First draft
-096a	10/26/01			As modified

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-097	10/11/01	T3/S9 (J. Kutzner)	T3/S9 field test subgroup report	Summarizes changes discussed at 10/11/01 mtg.
-098	10/11/01	Oren (Y. Cohen)	Presentation on Oren merged proposal ver. 1.6	
-099	10/11/01	PLM (A. Limberg)	Comments on Oren merged proposal ver. 1.6	
-100	10/8/01	WHD (S. Salamon)	Backwards compatibility tests of Oren system	
-101	10/11/01	T3/S9 (M. Weiss)	Transmitter Synchronization for Terrestrial Broadcasting	Ver. 0.1
-102	10/26/01	T3/S9 (D. Layer)	Minutes of 10/11/01 meeting of ATSC T3/S9 (14th meeting)	First draft
-102a	1/16/02			As adopted
-103	10/30/01	VETC	Introductory letter from VETC	
-104	10/31/01	T3/S9 (J. Tollefson)	8-VSB reference receiver request	Original distribution
-104a	11/7/01			w/additional names added
-105	10/31/01	Sinclair Broadcast Group (N. Ostroff)	Letter to John Tollefson regarding VETC	
-106	11/2/01	VETC	2nd letter from VETC	
-107	11/2/01	CEA (R. Justus)	Legacy DTV receiver list	Original submission
-107a	11/4/01			Sorted (spreadsheet file)
-108	11/16/01	T3/S9 (D. Layer)	Minutes of 11/01/01 meeting of ATSC T3/S9 (15th meeting)	First draft
-108a	12/7/01			As adopted
-109	11/16/01	Sinclair Broadcast Group	Letter to John Tollefson	
-110	11/16/01	Verticalband (L. Sabel)	Questions regarding the measurement of ATSC DTV receiver performance	Forwarded to C. Einolf (chair, lab test sub-group)
-111	12/7/01	T3/S9 (D. Layer)	Minutes of 11/16/01 meeting of ATSC T3/S9 (16th meeting)	
-112	12/11/01	VETC (V. Tawil)	VSB Enhancement Testing Consortium Briefing (VETC)	
-113	12/11/01	T3/S9 (A. Allison)	Table of contents to Interim Draft Annex D – revision 1 [revision to ATSC standard A/53]	
-114	12/11/01	Verticalband (L. Sabel)	Enabling Higher Order Communications	Presentation made to T3/S9 at request of Verticalband
-115	12/14/01	VETC	VETC test procedures rev. 1.0 draft C	Prepared by ATTC
-116	1/17/02	T3/S9 (D. Layer)	Minutes of 12/11/01 meeting of ATSC T3/S9 (17th meeting)	First draft
-116a	2/6/01			As adopted
-117	1/17/02	T3/S9 (D. Layer)	T3/S9 workflow diagram	
-118	1/21/02	Sinclair (M. Aitken)	Sinclair test efforts	email message to T3/S9 from Sinclair
-119	1/23/02	Oren (M. Reen)	Information on Oren's hardware	email message to T3/S9 from Oren
-120	1/24/02	VETC (V.	Reference receiver test results – Draft D	Excerpt from reference

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
		Tawil)		receiver data report
-121	1/24/02	VETC (V. Tawil)	VSB Enhancement Testing Consortium Briefing (VETC)	
-122	2/7/02	T3/S9 (D. Layer)	Minutes of 1/24/02 meeting of ATSC T3/S9 (18th meeting)	
-123	1/30/02	Oren (Y. Cohen)	Oren Semiconductor Merged TrS Proposal Laboratory Test Report	
-124	1/31/02	Sinclair (M. Aitken)	T3/S9 portable/mobile field test activities	email correspondence
-125	1/31/02	ATSC (Board of directors)	Recommendations concerning utilization of a robust service mode	
-126	2/1/02	Samsung (C.B. Patel)	Memo on VSB enhancement goal, VETC testing procedure and training signal	
-127	2/12/02	VETC (V. Tawil)	VSB Enhancement Testing Consortium Briefing (VETC)	
-128	2/14/02	T3/S9 (J. Whitaker)	Minutes of 2/12/02 meeting of ATSC T3/S9 (19th meeting)	First draft
-128r1	3/14/02			As adopted
-129	3/8/02	Sinclair (M. Aitken)	Letter to T3/S9 Chairman (John Tollefson)	
-130	3/13/02	VETC (V. Tawil)	VSB Enhancement Testing Consortium Briefing (VETC)	
-131	3/13/02	Merrill Weiss	Draft standard for distributed transmission of 8VSB DTV signals	Version 0.3
-131r1	4/20/02			Version 0.4
-131r2	5/17/02			Version 0.5
-131r3	8/20/02			Version 0.6.0
-131r4	8/29/02			Version 0.6.2
-131r5	9/20/02			Version 0.6.4
-131r6	2/3/03			Version 0.9.5
-131r7	4/28/04			Version CS/110C
-132	3/18/02	T3/S9 (D. Layer)	Minutes of 3/13/02 meeting of ATSC T3/S9 (20th meeting)	
-133	3/15/02	Broadcom (S. Thomson)	Letter to T3/S9 Chairman (John Tollefson)	Intent to submit hardware
-134	4/3/02	Broadcom (S. Thomson)	Letter to T3/S9 Chairman (John Tollefson)	Further details on hardware submission
-135	4/16/02	VETC (V. Tawil)	VSB Enhancement Testing Consortium Briefing (VETC)	
-136	4/16/02	R. Seidel	Email on Broadcom enhanced training signal	
-137	4/16/02	M. Muterspaugh	Presentation on "smart" antenna	
-138	4/4/02	CRC	LINX evaluation report	
-139	4/16/02	S. Smith	LINX presentation	Originally given at NAB2002
-140	5/3/02	T3/S9 (D. Layer)	Minutes of 4/16/02 meeting of ATSC T3/S9 (21st meeting)	
-141	5/8/02	Sinclair (N. Ostroff)	ATSC compatible enhancement activity	Memo to T3/S9

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-142	6/12/02	T3/S9 (D. Layer)	Minutes of 5/22/02 meeting of ATSC T3/S9 (22nd meeting)	
-143	6/12/02	T3/S9 (D. Layer)	Overall T3/S9 work plan and schedule	Supercedes doc. T3/S9-002r11
-143r1	7/26/02			As revised at 7/17/02 mtg.
-143r2	8/29/02			As revised at 8/28/02 mtg.
-143r3	1/7/03			As revised at 12/19/02 mtg.
-143r4	1/27/03			As revised at 1/14/03 mtg.
-144	5/7/02	VETC (V. Tawil)	Digital Television – Enhancements to the ATSC 8-VSB Standard – Test Procedures – VSB Enhancement Testing Consortium (VETC)	ATTC Doc. No. 01-27
-145	5/7/02	VETC (V. Tawil)	Digital Television – Enhancements to the ATSC 8-VSB Standard – Summary of Test Results for the Enhanced Systems – VSB Enhancement Testing Consortium (VETC)	ATTC Doc. No. 02-14
-146	7/12/02	T3/S9 (R. Seidel)	Data Analysis of the Laboratory Tests of Proposed Enhancements to ATSC 8-VSB Standard	First draft
-146r1	1/27/03			Ver. 1.9
-147	7/15/02	MWG (M. Weiss)	Transmitter identifiers in distributed transmission systems	Slightly modified version handed out at 7/17/02 mtg.
-148	7/17/02	VETC (L. Claudy)	VSB Enhancement Testing Consortium Briefing (VETC)	
-149	7/17/02	T3/S9 (L. Claudy)	Data analysis of VSB enhancements	Presentation on lab test subgroup report first draft
-150	7/31/02	T3/S9 (D. Layer)	Minutes of 7/17/02 meeting of ATSC T3/S9 (23rd meeting)	
-151	8/21/02	T3/S9 (W. Bretl)	A/54 Chapter 9 draft revision	
-151r1	9/9/02			As forwarded to J. Whitaker
-152	8/27/02	VETC	Test procedures for the enhanced 8-VSB field tests in Washington, DC	
-153	8/28/02	VETC (V. Tawil)	VSB Enhancement Testing Consortium Briefing (VETC)	
-154	8/28/02	VETC (Y. Wu)	Laboratory evaluation of the enhanced VSB dual-stream systems backward compatibility with the ATSC legacy receivers – test procedures	Draft – version 1.2
-155	8/28/02	Merrill Weiss	Distributed Transmission Update	
-156	8/28/02	Mike Simon	DX transmitter timing control concepts	
-157	10/1/02	T3/S9 (D. Layer)	Minutes of 8/28/02 meeting of ATSC T3/S9 (24th meeting)	
-158	10/16/02	VETC (V. Tawil)	VSB Enhancement Testing Consortium Briefing (VETC)	Presented at 10/16/02 meeting
-159	10/16/02	ETRI (S-H Kim)	Normal Stream Reception Performance Improvement for Dual Stream Proposals	Presented at 10/16/02 meeting
-160	10/21/02	T. Hankinson/ J. Zook	Message on Ztechnology Tilt calculation	Posted on T3/S9 web page on 11/8/02
-161	11/15/02	T3/S9 (D. Layer)	Minutes of 10/16/02 meeting of ATSC T3/S9 (25th meeting)	

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-162	11/20/02	Merrill Weiss	Harmonization of DX & Robust VSB Enhancements	Presented at 11/20/02 meeting
-163	11/20/02	T. Hankinson	Draft Evaluation Criteria for Proposed VSB Enhancements Part I – Performance Areas	
-164	12/13/02	T3/S9 (D. Layer)	Minutes of 11/20/02 meeting of ATSC T3/S9 (26th meeting)	
-165	12/16/02	ATTC (C. Einolf)	Summary of test results for the Broadcom Enhanced Field Receiver	ATTC Doc. No. 02-27
-166	12/17/02	Broadcom	Comments on VETC (ATTC) Lab Test Results / ETS System Prototype Hardware Description	
-167	12/19/02	R. Seidel	Washington field test data for the Broadcom enhanced training sequence	Presented at 12/19/02 meeting
-168	12/19/02	ATTC (C. Einolf)	Comparison of respondent systems with the reference receiver	
-169	12/19/02	ATTC (C. Einolf)	(untitled) Summary tables of lab test results	
-170	12/19/02	VETC (V. Tawil)	VSB Enhancement Testing Consortium Briefing (VETC)	Presented at 12/19/02 meeting
-171	12/19/02	VETC	VETC Phase 1 Washington DC Findings	Draft v.1.0 dated 12/18/02
-172	12/19/02	VETC	VETC Field Tests Report Phase 1 – Washington, DC	Draft v.1.0 dated 12/18/02
-173	12/19/02	Zenith/ATI (W. Bretl)	Zenith/ATI E-VSB map signaling	Presented at 12/19/02 meeting
-174	12/19/02	Philips (D. Birru)	Mode Bit coding	Presented at 12/19/02 meeting
-175	1/7/03	T3/S9 (D. Layer)	Minutes of 12/19/02 meeting of ATSC T3/S9 (27th meeting)	First draft
-175r1	1/27/03			As adopted
-176	1/7/03	VETC (Y. Wu)	VETC backwards compatibility test results	
-177	1/8/03	T3/S9 (T. Hankinson)	Categorical Evaluation Criteria for Proposed VSB Enhancements	First draft (see also doc. T3/S9-180)
-178	1/12/03	ETRI-CNU (S-H. Kim)	Normal Stream Reception Performance Improvement for Dual Stream Proposals	
-179	1/14/03	ETRI-CNU (S-H. Kim)	Enhance 4-VSB Q&A	
-180	1/15/03	T3/S9 (T. Hankinson)	Categorical Evaluation Criteria for Proposed VSB Enhancements	As modified by T3/S9 (see also doc. T3/S9-177)
-181	1/24/03	VETC	VSB Enhancement Testing Consortium Field Tests Report Phase 2 – New Haven, CT	
-181r1	1/27/03			Minor mod. to Table 3
-182	1/28/03	T3/S9 (D. Layer)	Minutes of 1/14/03 meeting of ATSC T3/S9 (28th meeting)	
-183	1/28/03	T3/S9	Evaluation matrix	
-184	1/24/03	CBS (R. Seidel)	VSB Enhancement Testing Field Tests Report Washington DC Test of the Broadcom Extended Training Sequence (ETS) System	

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-185	1/24/03	T3/S9 (data analysis group)	Summary of Successful Sites Enhanced Receiver Tests in Washington, DC and New Haven, CT	
-186	2/4/03	V. Tawil	Summary of field test findings for Washington DC and New Haven CT	
-187	2/4/03	VETC (V. Tawil)	VSB Enhancement Testing Consortium Briefing (VETC)	Presented at 2/4/03 meeting
-188	1/31/03	Y. Wu (CRC)	Clarification of the VETC backward compatibility test results on audio no-go for receiver 1 and receiver 7	Date submitted to T3/S9 – 2/4/03
-189	2/4/03	C. Einolf	ATTC presentation	
-190	2/4/03	CBS (R. Seidel)	Presentation on Washington DC Broadcom field tests	
-191	2/4/03	R. Seidel	Summary of field test findings for Washington DC and New Haven CT	Version 2.2
-192	2/5/03	M. Weiss	Proposed changes to DX candidate standard	Presented on 2/5/03 to T3/S9
-193	2/5/03	ETRI-CNU (S-H. Kim)	ETRI-CNU Enhanced TCM Scheme for Dual Stream Proposals	Excerpts presented on 2/5/03 to T3/S9
-194	2/5/03	Philips (D. Bryan)	Philips presentation	Presented on 2/5/03 to T3/S9
-195	2/25/03	T3/S9 (A. Allison)	EVSB_rate_mapping.xls	Submitted as both an Excel and an Acrobat document
-196	2/26/03	T3/S9 (D. Layer)	Minutes of 2/4-5/03 meeting of ATSC T3/S9 (29th meeting)	First draft
-196r1	4/27/03			As adopted
-197	2/27/03	A. Allison	Enhanced bit rate steps proposal	
-198	4/27/03	T3/S9 (D. Layer)	Minutes of 3/04/03 meeting of ATSC T3/S9 (30th meeting)	
-199	8/21/03	D. Hershberger (Axcera)	Implementation of the ATSC Distributed Transmission System	Paper presented at NAB2003
-200	8/25/03	Y. Wu (CRC)	Field Test Results of an ATSC 8-VSB Prototype Receiver in a Distributed Transmission Environment	Presentation at NAB2003
-201	8/25/03	Y. Wu	TXID Signal Interference to Legacy Receivers, Legacy Receivers Equalization Range, and Recent SFN/OCR Field Test	Report to T3/S9
-202	8/26/03	S. Smith (Liberty)	DTV Distributed Transmission Networks	
-203	8/26/03	J. Seccia	ATSC T3/S9 & Distributed Transmission - A historical perspective	
-204	8/27/03	M. Weiss	Transmitter Synchronization Ad-hoc Group report	
-205	8/27/03	M. Weiss	Transmitter Synchronization Ad-hoc Group report – Supplemental Material	
-206	8/27/03	S. Smith	ATSC Recommended Practice draft outline for distributed transmission	
-206r1	10/5/03			Outline v0.1.2
-207	10/6/03	T3/S9 (J. Whitaker)	Minutes of 8/27/03 meeting of ATSC T3/S9 (31st meeting)	

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-208	10/8/03	S. Kuh	DTV Translator Test Program Report: An 8-VSB Digital On-channel Booster Technology (paper)	Presented to NTA 5/3/03
-209	10/8/03	S. Kuh	DTV Translator Test Program Report: An 8-VSB Digital On-channel Booster Technology (Powerpoint slides)	Presented to NTA 5/3/03
-210	10/8/03	ETRI (Y-T Lee)	ETRI Digital On-channel Repeater (EDOCR) Development for Single Frequency Network	
-211	10/8/03	S. Kuh	An 8-VSB Digital On-channel Booster Technology	
-212	10/8/03	M. Weiss	Transmitter Synchronization Ad-hoc Group report	
-213	10/8/03	Samsung (JS Kim)	Transverse R-S Code	
-214	10/8/03	S. Kim	Philips-ETRI Enhanced-xVSB Project	
-215	1/4/04	T3/S9 (D. Layer)	Minutes of 10/8/03 meeting of ATSC T3/S9 (32nd meeting)	
-216	1/21/04	ETRI (Y-T Lee)	ETRI Digital On-channel Repeater (EDOCR) Development for Single Frequency Network	
-217	1/21/04	Samsung (J-S Kim)	Transverse R-S Code	
-218	1/21/04	ETRI/Philips (S-H Kim)	Enhanced-x VSB Project	
-219	1/21/04	S. Smith	DTx ad-hoc group report	
-220	1/21/04	W. Bretl	E-VSB RP sub-group report	
-221	2/25/04	T3/S9 (D. Layer)	Minutes of 1/21/04 meeting of ATSC T3/S9 (33rd meeting)	
-222r10	5/11/04	T3/S9 (DTx sub-group)	Recommended Practice: Design Of Multiple Transmitter Networks	r10 is first version submitted to T3/S9 (earlier revisions were sub-group working documents)
-223	5/12/04	ETRI (Y-T Lee)	ETRI Digital On-channel Repeater (EDOCR) update	
-224	5/12/04	Philips-ETRI	Enhanced-x VSB Project update	
-225	5/12/04	M. Weiss	DTx ad-hoc group report	
-226	5/12/04	M. Weiss	DTx RP report	
-227	5/12/04	Samsung(J-S Kim)	Transverse R-S code update	
-228	6/17/04	T3/S9 (D. Layer)	Minutes of 5/12/04 meeting of ATSC T3/S9 (34th meeting)	
-229	7/21/04	Philips (J. Wendorf)	E-VSB Type Signaling Proposal	
-230	7/21/04	M. Weiss	DTx ad-hoc group report	
-231	7/21/04	W. Bretl	Implementation guidelines ad-hoc group report	
-232	7/21/04	C. Einolf	Test plan ad-hoc group report	
-233	7/7/04	Philips-ETRI	Proposal for an improved ATSC DTV Standard (Revision to A/53)	

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-234	7/21/04	Philips-ETRI	Presentation on Philips-ETRI Enhanced-x VSB proposal	
-235	7/21/04	CRC (Y. Wu)	Proposal for the Laboratory Evaluation of ETRI/Philips Ex-VSB Terrestrial DTV Transmission System	
-236	7/21/04	CRC (Y. Wu)	Modified VETC test procedure	
-237	7/21/04	Samsung (J-S Kim)	Presentation on A Dual Stream EVSB	
-238	7/21/04	T3/S9 (C. Einolf)	New work item description – method for signaling extensions	
-239	9/7/04	T3/S9 (D. Layer)	Minutes of 7/21/04 meeting of ATSC T3/S9 (35th meeting)	
-240	9/20/04	W. Bretl	S9-2 (EVSB Implementation guidelines) ad-hoc group report	
-241	9/20/04	J. Wendorf	S9-3 (Signaling extensions and enhancements) ad-hoc group report	
-242	9/18/04	Samsung	Proposal for Enhancement of ATSC RF Transmission System (Revision to A/53)	
-243	9/20/04	Philips-ETRI (J. Wendorf)	ETRI-Philips E-xVSB report to T3/S9	
-244	9/20/04	Samsung (J-S Kim)	Samsung EVSB proposal (draft ver. 1.0)	
-244r1	9/20/04			(slightly revised)
-245	9/20/04	T3/S9 (D. Layer)	Minutes of 9/20/04 meeting of ATSC T3/S9 (36th meeting)	
-246	11/23/04	S9-3 (M. Epstein)	Requirements for EVSB signaling	
-247	11/23/04	Samsung (J-S Kim)	Samsung EVSB (SRS + dual stream)	
-248	12/3/04	CRC-ETRI (M. Epstein)	Ex-VSB Lab Test Procedures Phase 1 version 1.3	
-249	12/3/04	Philips-ETRI (M. Epstein)	Robust coding gain table	
-250	12/6/04	IEEE (G. Best)	Spectral characteristics of 8VSB DTV transmitters	
-251	12/5/04	Samsung (CB Patel)	Aspects of coding VSB extension/enhancement bits	
-252	12/7/04	ETRI (Y-T Lee)	Laboratory and field test results of EDOCR of ATSC 8VSB system	
-253	12/9/04	W. Bretl	S9-2 (EVSB Implementation guidelines) ad-hoc group report	Presentation file and two attachments
-254	12/9/04	ETRI (Y-T Lee)	ETRI/Philips Enhanced-xVSB Project	
-255	12/9/04	Samsung (S. Kim)	Samsung EVSB	
-256	12/9/04	Zenith (W. Bretl)	Zenith recommendations for A/53 Issues Raised by Broadcom	
-257	12/9/04	T3/S9	T3/S9 work plan and schedule	

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-257r2	4/11/06			
-257r3	6/21/06			
-257r4	8/11/06			
-257r5	11/27/06			
-257r6	8/30/07			
-257r7	10/9/07			
-257r8	12/17/07			
-258	12/13/04	T3/S9 (D. Layer)	Minutes of 12/9/04 meeting of ATSC T3/S9 (37th meeting)	
-259	1/19/05	T3/S9	Working draft corrigendum #1 to A/53C	
-260	1/24/05	ETRI/Philips	Ex-VSB Update	
-261	1/24/05	ETRI/CRC	Ex-VSB Lab Test Final Report	

Doc. TSG/S9-

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-262	3/22/05	ETRI/Philips	Ex-VSB Update	
-263	3/22/05	Samsung	EVSB Update	
-264	3/14/05	S9-1 (M. Weiss)	DTx draft corrigendum	Includes both clean and marked-up documents
-265	3/23/05	ETRI/Philips	Performance of Enhanced x-VSB	Presentation file
-266	4/7/05	TSG/S9 (A. Allison)	Amendment 1 to A-53C with Amendment 1.pdf	
-266r1	4/28/05			
-266r2	5/2/05			As submitted to TSG
-267	4/10/05	TSG/S9 (D. Layer)	Minutes of 3/22/05 meeting of ATSC TSG/S9 (38th meeting)	
-268	4/22/05	TSG/S9 (C.B. Patel)	Aspects of VSB extension/enhancement bits	
-268r1	4/27/05			As submitted to TSG
-269	3/22/05	TSG/S9	Scope (updated)	Original was doc. T3/S9-008
-270	4/25/05	CRC	Watermark proposal	
-270r1	4/28/05			As submitted to TSG
-271	4/28/05	S9-1 (M. Weiss)	Amendment No. 1 to ATSC A/110	CRC's watermark proposal
-271r1	5/2/05			As submitted to TSG
-272	5/1/05	TSG/S9 (D. Layer)	Minutes of 4/27/05 meeting of ATSC TSG/S9 (39th meeting)	
-273	5/2/05	S9-1 (M. Weiss)	A/110 Corrigendum explanation	
-274	6/24/05	ETRI (S. Kim)	Ex-VSB update	
-275	6/27/05	Samsung (J-S Kim)	Samsung SD-VSB update	
-276	6/29/05	TSG/S9 (D. Layer)	Minutes of 6/27/05 meeting of ATSC TSG/S9 (40th meeting)	
-277	8/24/05	Samsung	Samsung SRS proposal	

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-278	9/1/05	ETRI	EDOCR field test	(for information only)
-279	9/16/05	Samsung/R&S	Intro – expanded Samsung SRS proposal	
-280	9/19/05	Samsung/R&S	Presentation on SRS proposal	
-281	9/20/05	ETRI/Philips	ExVSB project	
-282	9/20/05	ETIR/Philips	ExVSB system briefing	
-283	10/31/05	TSG/S9 (D. Layer)	Minutes of 9/20/05 meeting of ATSC TSG/S9 (41st meeting)	
-284	11/20/05	ETRI (Jae Hyun Seo)	Field Test of Equalization Digital On-Channel Repeater (EDOCR) in Suwon, Korea	
-285	11/24/05	CRC (Y. Wu)	Laboratory Evaluation of an Advanced VSB System Backward Compatibility with ATSC Legacy Receivers	
-286	11/28/05	ETRI (S. Kim)	Laboratory evaluation of an Enhanced-x VSB (E-xVSB) 1/4 rate mode for terrestrial broadcasting	
-287	11/28/05	ETRI (S. Kim)	Proposal for an Improved ATSC DTV Standard (Revision to A/53)	Draft
-288	11/29/05	Samsung/R&S	Proposal for A-VSB System	
-289	11/30/05	Samsung/R&S	A-VSB System Proposal	Presentation to S9 11/30/05
-290	11/30/05	ETRI/Philips (S. Kim)	ETRI-Philips Enhanced-x VSB Project	Presentation to S9 11/30/05
-291	11/30/05	ATSC A-Team	Explanation of changes to A/53	
-292	12/1/05	TSG/S9 (D. Layer)	Minutes of 11/30/05 meeting of ATSC TSG/S9 (42nd meeting)	
-293	12/16/05	Samsung/R&S	A-VSB System (Revision to A/53)	Presented to ATSC Board 12/15/05
-294	12/16/05	Samsung/R&S	New Work Item Proposal	Approved by ATSC Board 12/15/05
-294r1				Added ABC
-295	1/9/06	ATSC	Proposed A53 partitioning part 1 (system)	Dated 16 November 2005
-296	1/9/06	ATSC	Proposed A53 partitioning part 2 (physical layer)	Dated June 2005
-297	1/24/06	Samsung/R&S	Brief overview – A-VSB system	Presented at 1/24/06 meeting
-298	1/24/06	ETRI/Philips (S. Kim)		
-299	1/25/06	TSG/S9 (D. Layer)	Minutes of 1/24/06 meeting of ATSC TSG/S9 (43rd meeting)	
-300	3/20/06	TSG/S9 (D. Layer)	Minutes of 3/20/06 meeting of ATSC TSG/S9 (44th meeting)	
-301	4/4/06	P. Waddell	A53-Part-2- RF-Transmission	
-301r1	4/20/06			Approved by S9 5/17/06
-301r2	8/3/06			

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-302	4/14/06	TSG/S9 (D. Layer)	Minutes of 4/11/06 meeting of ATSC TSG/S9 (45th meeting)	
-303	5/18/06	TSG/S9 (D. Layer)	Minutes of 5/17/06 meeting of ATSC TSG/S9 (46th meeting)	
-304	6/13/06	Samsung / R&S	Technical Disclosure – Advanced VSB System (A-VSB)	
-304r1	10/31/06			As edited at 10/31/06 mtg.
-304r2	11/22/06			
-304r3	12/1/06			
-305	6/22/06	TSG/S9 (D. Layer)	Minutes of 6/20/06 meeting of ATSC TSG/S9 (47th meeting)	
-306	7/30/06	Samsung / R&S	SRS comparison test results for A-VSB	
-307	8/7/06	Samsung / R&S	Technical Disclosure – Advanced VSB System (A-VSB) – Single Frequency Network (SFN)	
-307r1	8/31/06			As edited at 10/31/06 mtg.
-307r2	11/16/06			As edited by M. Simon
-308	8/8/06	Samsung / R&S	A-VSB test result	
-309	8/9/06	TSG/S9 (D. Layer)	Minutes of 8/8/06 meeting of ATSC TSG/S9 (48th meeting)	
-310	8/26/06	TSG	Corrigendum to A/54	
-311	8/28/06	V. Tawil	A_VSB lab test procedures	
-311r1	10/9/06			Final draft
-312	8/30/06	M. Eyer	Liaison from S8 on A-VSB	#1
-313	10/17/06	TSG/S9 (D. Layer)	Minutes of 9/22/06 meeting of ATSC TSG/S9 (49th meeting)	
-314	9/23/06	Samsung (J. Yu)	A-VSB BC test	
-315	10/8/06	M. Eyer	Liaison from S8 on A-VSB	#2
-316	10/31/06	TSG/S9 (D. Layer)	Minutes of 10/31/06 meeting of ATSC TSG/S9 (50th meeting)	
-317	10/31/06	CRC (Y. Wu)	Test Report for A-VSB BC version 2.0 Final	
-318	11/27/06	Samsung (J-S Kim)	A-VSB Field Test (Buffalo, NY)	
-319	10/31/06	CRC (Y. Wu)	Laboratory Evaluation of the A-VSB Sequences Backward Compatibility with ATSC Legacy Receivers	
-320	11/27/06	TSG/S9 (D. Layer)	Minutes of 11/27/06 meeting of ATSC TSG/S9 (51st meeting)	
-321	11/30/06	M. Eyer	Liaison from S8 on A-VSB	#3
-322	12/5/06	Samsung (CB Patel)	Clarification on field testing (A-VSB)	
-323	12/21/06	TSG/S9 (D. Layer)	Minutes of 12/19/06 meeting of ATSC TSG/S9 (52nd meeting)	

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-324	12/20/06	A. Limberg	Turbo coding email	
-325	1/1/07	Samsung / R&S (M. Simon)	A-VSB interleaver presentation	Presented to S9-4 on 3/20/06
-326	1/1/07	Samsung / R&S (M. Simon)	Adaptation field spreadsheet	
-327	1/1/07	Samsung / R&S (M. Simon)	Trellis map spreadsheet	
-328	2/5/07	A. Limberg	Comments on DTV Turbo Coding	Presented at 2/7/07 meeting
-329	2/5/07	S9-5 (V. Tawil)	Data Analysis of the Laboratory Tests of the Proposed A-VSB System	Draft Version 1.1
-329r1	7/24/07			Submitted to S9 on 8/31/07; includes Annex on limited re-test
-330	1/31/07	CRC (Y. Wu)	A-VSB Field Test Proposal Outline	
-331	2/4/07	Samsung (C.B. Patel)	Proponent Comments to LDA-Report	
-332	2/7/07	TSG/S9 (A. Allison et. al.)	Categorical Evaluation Criteria for Proposed VSB Enhancements	Updated from T3S9doc177
-332r1	3/20/07			
-332r2	5/25/07			Discussed at 5/31/07 mtg.
-332r3	6/4/07			
-333	2/7/07	S9-5 (V. Tawil)	A-VSB laboratory analysis	Presented at 2/7/07 meeting
-334	2/7/07	TSG/S9 (D. Layer)	Minutes of 2/7/07 meeting of ATSC TSG/S9 (53rd meeting)	
-335	3/19/07	S9-5 (V. Tawil)	A-VSB Field Test Procedure	
-336	3/21/07	TSG/S9 (D. Layer)	Minutes of 3/21/07 meeting of ATSC TSG/S9 (54th meeting)	
-337	4/6/07	A. Limberg	Alternate A-VSB evaluation criteria	Used TSG/S9-322r1 as a starting point
-338	4/26/07	S9-5 (V. Tawil)	A-VSB Field Test Plan	
-339	4/26/07	M. Weiss	Draft Corrigendum to A/110A	
-339r1	6/27/07			
-339r2	6/27/07			
-340	5/4/07	TSG/S9 (D. Layer)	Minutes of 4/26/07 meeting of ATSC TSG/S9 (55th meeting)	
-341	5/24/07	D. Layer/A. Limberg	A-VSB specific evaluation questions	
-342	5/31/07	J. Kim	Email from Samsung on field test hardware	
-343	6/4/07	TSG/S9 (D. Layer)	Minutes of 5/31/07 meeting of ATSC TSG/S9 (56th meeting)	
-344	6/26/07	J. Kim	A-VSB hardware description	Field test hardware

NOT FOR PUBLIC DISCLOSURE

DOC. NO.	DATE	AUTHOR / ORIGINATOR	TITLE	DESCRIPTION/COMMENTS
-345	6/28/07	TSG/S9 (D. Layer)	Minutes of 6/28/07 meeting of ATSC TSG/S9 (57th meeting)	
-346	7/26/07	TSG/S9 (D. Layer)	Minutes of 7/26/07 meeting of ATSC TSG/S9 (58th meeting)	
-347	8/31/07	TSG/S9 (D. Layer)	Minutes of 8/30/07 meeting of ATSC TSG/S9 (59th meeting)	
-348	9/18/07	CRC	A-VSB field test report	
-349	10/9/07	S9-5 (V. Tawil)	Draft – Analysis of the Field Test Measurements of the Proposed A-VSB System	