COMPANY NAME:	SITE NAME:

This comprehensive survey is intended to provide information on vendor equipmet and vendor participation to the GMI Planning Committee. For each test case your company wishes to participate in, please highlight (in yellow) the elements in the element columns that you are planning to bring OR utilize at each site. Please note that your workbook contains one sheet per host site venue that your organization has committed to, you will need to fill in this sheet for EACH host venue. To submit your survey or if you have questions, please contact Kristin Harris at kharris@iol.unh.edu

Scenario/Test Case	Test #	Element List	Elements Relevant to Each Test Case (Please Higlight Each Element You Would Like to Test in Each Test Case)															Test Case #
S1: End-to-End Service w/out QoS (2008.190, 2008.178)																		
Test 1 - Access Attachment																		
WIMAX IP-CAN Session Set-Up	S1-0101	WIMAX MS, BS, ASN-GW, HA, AAA	WIMAX MS	BS	ASN-GW	HA	AAA											S1-0101
WIMAX IP-CAN Session Termination by UE	S1-0102	WIMAX MS, BS, ASN-GW, HA, AAA	WIMAX MS	BS	ASN-GW	HA	AAA											S1-0102
3GPP/3GPP2 IP-CAN Session Set-Up	S1-0103	3G UE, RAN, SGSN, GGSN, HLR	3G UE	RAN	SGSN	GGSN	HLR											S1-0103
3GPP/3GPP2 IP-CAN Session Termination by UE	S1-0104	3G UE, RAN, SGSN, GGSN, HLR	3G UE	RAN	SGSN	GGSN	HLR											S1-0104
Broadband IP-CAN Session Set-Up	S1-0105	UE, DSLAM, BRAS, AAA	UE	DSLAM	BRAS	AAA												S1-0105
Broadband IP-CAN Session Termination by UE	S1-0106	UE, DSLAM, BRAS, AAA	UE	DSLAM	BRAS	AAA												S1-0106
TD-SCDMA IP-CAN Session Set-Up	S1-0107	UE, NodeB, RNC, SGSN, GGSN, HLR	UE	NodeB	RNC	SGSN	GGSN	HLR										S1-0107
TD-SCDMA IP-CAN Session Termination by UE	S1-0108	UE, NodeB, RNC, SGSN, GGSN, HLR	UE	NodeB	RNC	SGSN	GGSN	HLR										S1-0108
Test 2 - IMS Client Registration (Home MSFR4 N/w) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	S1-0201-0206	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS									S1-0201-0206
Test 3 - IMS Client Registration (Visitted MSFR4 N/w) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	S1-0301-0306	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC, D-SBG-NC	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC	D-SBG-NC							S1-0301-0306
Test 4 - Session Establishment (Home-Home MSFR4 n/w) (1-Home Baseband, 2-Home broadband, 3-Home 3GPP, 4-Home 3GPP2,5-Home WIMAX, 6-Home TD-SCDMA)	S1-0411-0466	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS									S1-0411-0466
Test 5 - Session Teardown (Home MSFR4 n/w) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	S1-0511-0566	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS									S1-0511-0566
Test 6 - Session Establishment (Visitted-Home) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	S1-0611-0666	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC, D-SBG-NC	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC	D-SBG-NC							S1-0611-0666
Test 7 - Session Teardown (Visitted-Home) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	S1-0711-0766	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC, D-SBG-NC	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC	D-SBG-NC							S1-0711-0766
Test 8 - Session Establishment (Home-Visitted) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	S1-0811-0866	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC, D-SBG-NC	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC	D-SBG-NC							S1-0811-0866
Test 9 - Session Teardown (Home-Visitted) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	S1-0911-0966	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC, D-SBG-NC	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC	D-SBG-NC							S1-0911-0966
Test 10 - Session Establishment (Visitted-Visitted) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	S1-1011-1066	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC, D-SBG-NC	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC	D-SBG-NC							S1-1011-1066
Test 11 - Session Teardown (Visitted-Visitted) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	S1-1111-1166	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC, D-SBG-NC	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC	D-SBG-NC							S1-1111-1166
Test 12 - IMS Transit Network (Session Estalishment) (1-PSTN Hosted, 2-Non MSF IP N/W Hosted)	S1-1211-1222	MGCF, TGW, SGW (PSTN), S-SBG-NC, D-SBG-NC (IP), BGC/TRC, ENUM	MGCF	TGW	SGW (PSTN)	S-SBG-NC	D-SBG-NC (IP	BGC/TRC	ENUM									S1-1211-1222
Test 13 - IMS Transit Network (Session Teardown) (1-PSTN Hosted, 2-Non MSF IP N/W Hosted)	S1-1311-1322	MGCF, TGW, SGW (PSTN), S-SBG-NC, D-SBG-NC (IP), BGC/TRC	MGCF	TGW	SGW (PSTN)	S-SBG-NC	D-SBG-NC (IP	BGC/TRC										S1-1311-1322
Test 14 - Session Establishment (Home/Visitted -nonMSFR4) (1-Home, 2 - Visitted, 3-PSTN, 4-IP)	S1-1413-1424	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC, D-SBG-NC, MGCF, TGW, SGW (PSTN),	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC	D-SBG-NC	MGCF	TGW	SGW (PSTN)				S1-1413-1424
Test 15 - Session Teardown (Home/Visitted -nonMSFR4) (1-Home, 2 - Visitted, 3-PSTN, 4-IP)	S1-1513-1524	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC, D-SBG-NC, MGCF, TGW, SGW (PSTN),	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC	D-SBG-NC	MGCF	TGW	SGW (PSTN)				S1-1513-1524
Test 16 - Anonymity in IP Environment	S1-1601	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC(opt), D-SBG-NC(opt), AS	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC(opt)	D-SBG-NC(opt)	AS						S1-1601
Test 17 - Inter-Domain Transfers																		
Domain to Domain transfer of a priority session	S1-1701	CSC, I-CSC, S-CSC, HSS, S-SBG-NC(opt), D-SBG-NC(opt), AS,	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC(opt)	D-SBG-NC(opt)	AS	MRFC	MRFP				S1-1701
Call Forwarding Transfer of a priority session	S1-1702	CSC, I-CSC, S-CSC, HSS, S-SBG-NC(opt), D-SBG-NC(opt), AS,	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC(opt)	D-SBG-NC(opt)	AS	MRFC	MRFP				S1-1702

Scenario/Test Case	Test #	Element List	Elements Relevant to Each Test Case (Please Higlight Each Element You Would Like to Test in Each Test Case)															Test Case #
S2: End-to-End Services with QoS (2008.071, 2008.178)																		
Test 1 - WiMAX Access, QOS with PCC																		
IP CAN Session Set-up	S2-0101	WIMAX MS, BS, ASN-GW, HA, AAA, PCRS	WiMAX MS	BS	ASN-GW	HA	AAA	PCRS										S2-0101
IMS Regisration	S2-0102	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, PCRF	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	PCRF								S2-0102
IMS Session Establishment	S2-0103	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, PCRF	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	PCRF								S2-0103
Enabling of IP flows by AF	S2-0104	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, PCRF, ASN-GW	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	PCRF	ASN-GW							S2-0104

Disabling of IP flows by AF	S2-0105	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, PCRF, ASN-GW	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	PCRF	ASN-GW							S2-0105	
Modification of IP flows by AF	S2-0106	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, PCRF, ASN-GW	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	PCRF	ASN-GW							S2-0106	
IMS session termination initiated by UE	S2-0107	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, PCRF, ASN-GW	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	PCRF	ASN-GW							S2-0107	
IP CAN Session terminated by UE	S2-0108	WIMAX MS, BS, ASN-GW, HA, AAA, PCRF	WiMAX MS	BS	ASN-GW	HA	AAA	PCRF										S2-0108	
IP CAN Session terminated by PCRS	S2-0109	WIMAX MS, BS, ASN-GW, HA, AAA, PCRF	WiMAX MS	BS	ASN-GW	HA	AAA	PCRF										S2-0109	
Test 2 - 3GPP Access																			
IP CAN Session Set-Up	S2-0201	3G UE, RAN, SGSN, GGSN, HLR, PCRF	3G UE	RAN	SGSN	GGSN	HLR	PCRF										S2-0201	
IP CAN Session Modification by PCRS	S2-0202	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, PCRF, GGSN	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	PCRF	GGSN							S2-0202	
IP CAN Session modification by GGSN	S2-0203	UE, D-SBG-NE, S-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, PCRF, GGSN	UE	D-SBG-NE	S-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	PCRF	GGSN							S2-0203	
IP CAN Session Terminated by UE	S2-0204	3G UE, RAN, SGSN, GGSN, HLR, PCRF, P-CSC	3G UE	RAN	SGSN	GGSN	HLR	PCRF	P-CSC									S2-0204	
IP CAN Session Terminated by GGSN	S2-0205	3G UE, RAN, SGSN, GGSN, HLR, PCRF, P-CSC	3G UE	RAN	SGSN	GGSN	HLR	PCRF	P-CSC									S2-0205	
Test 3 - 3GPP2 Access																			
IMS Call Origination with SBBC auth. on bearer establishment	S2-0301	UE, RAN, PDSN, AAA, PCRF, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC (opt), D-SBG-NC (opt)	UE	RAN	PDSN	AAA	PCRF	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC(opt)	D-SBG-NC(opt)					S2-0301	
IMS Call Termination with SBBC auth. on bearer establishment	S2-0302	UE, RAN, PDSN, AAA, PCRF, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC (opt), D-SBG-NC (opt)	UE	RAN	PDSN	AAA	PCRF	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC(opt)	D-SBG-NC(opt)					S2-0302	
IMS Session Release - User terminated	S2-0303	UE, RAN, PDSN, AAA, PCRF, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC (opt), D-SBG-NC (opt)	UE	RAN	PDSN	AAA	PCRF	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC(opt)	D-SBG-NC(opt)					S2-0303	
Single Flow Release - Application Layer terminated	S2-0304	UE, RAN, PDSN, AAA, PCRF, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC (opt), D-SBG-NC (opt)	UE	RAN	PDSN	AAA	PCRF	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC(opt)	D-SBG-NC(opt)					S2-0304	
Test 4 - Broadband Access																			
Policy Based Admission Control fro Video Calls	S2-0401	UE, DSLAM, BRAS, AAA, ALS, S-SBG-NE, D-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, SPDF, A-RACF.	UE	DSLAM	BRAS	AAA	ALS	S-SBG-NE	D-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	SPDF	A-RACF			S2-0401	
Policy Based Admission Control fro Video Calls (inter-network)	S2-0402	UE, DSLAM, BRAS, AAA, ALS, S-SBG-NE, D-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC, D-SBG-NC, SPDF, A-RACF.	UE	D-SBG-NE	BRAS	AAA	ALS	S-SBG-NE	D-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NC	D-SBG-NC	SPDF	A-RACF	S2-0402	
Existing Session Modification	S2-0403	UE, DSLAM, BRAS, AAA, ALS, S-SBG-NE, D-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, SPDF, A-RACF.	UE	DSLAM	BRAS	AAA	ALS	S-SBG-NE	D-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	SPDF	A-RACF			S2-0403	
Bandwidth Exhausted (new calls rejected)	S2-0404	UE, DSLAM, BRAS, AAA, ALS, S-SBG-NE, D-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, SPDF, A-RACF.	UE	DSLAM	BRAS	AAA	ALS	S-SBG-NE	D-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	SPDF	A-RACF			S2-0404	
Badwidth Exhausted - emergency call accepted	S2-0405	UE, DSLAM, BRAS, AAA, ALS, S-SBG-NE, D-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, SPDF, A-RACF.	UE	DSLAM	BRAS	AAA	ALS	S-SBG-NE	D-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	SPDF	A-RACF			S2-0405	
Call Set-Up Failure - insufficient resources on terminating side	S2-0406	UE, DSLAM, BRAS, AAA, ALS, S-SBG-NE, D-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, SPDF, A-RACF.	UE	DSLAM	BRAS	AAA	ALS	S-SBG-NE	D-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	SPDF	A-RACF			S2-0406	
Policy based admission control for video calls (UE behind SIP aware NAT)	S2-0407	UE, DSLAM, BRAS, AAA, ALS, S-SBG-NE, D-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, SPDF, A-RACF.	UE	DSLAM	BRAS	AAA	ALS	S-SBG-NE	D-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	SPDF	A-RACF			S2-0407	
Policy based admission control for video calls (UE behind non-SIP aware NAT)	S2-0408	UE, DSLAM, BRAS, AAA, ALS, S-SBG-NE, D-SBG-NE, P-CSC, I-CSC, S-CSC, HSS, SPDF, A-RACF.	UE	DSLAM	BRAS	AAA	ALS	S-SBG-NE	D-SBG-NE	P-CSC	I-CSC	S-CSC	HSS	SPDF	A-RACF			S2-0408	
Test 5 - TD-SCDMA Access QOS with PCC																			
IP CAN Session Establishment	S2-0501	UE, NodeB, RNC, SGSN, GGSN, HLR, PCRF	UE	NodeB	RNC	SGSN	GGSN	HLR	PCRF									S2-0501	
IP CAN Session Terminated by UE	S2-0502	UE, NodeB, RNC, SGSN, GGSN, HLR, PCRF	UE	NodeB	RNC	SGSN	GGSN	HLR	PCRF									S2-0502	
IP CAN Session terminated by GGSN/PCEF	S2-0503	UE, NodeB, RNC, SGSN, GGSN, HLR, PCRF	UE	NodeB	RNC	SGSN	GGSN	HLR	PCRF									S2-0503	
IP CAN Session Modification by GGSN/PCEF	S2-0504	UE, NodeB, RNC, SGSN, GGSN, HLR, PCRF	UE	NodeB	RNC	SGSN	GGSN	HLR	PCRF									S2-0504	
IP CAN Session Modification by PCRF	S2-0505	UE, NodeB, RNC, SGSN, GGSN, HLR, PCRF	UE	NodeB	RNC	SGSN	GGSN	HLR	PCRF									S2-0505	
IMS Registraion	S2-0506	UE, P-CSC, I-CSC, S-CSC, HSS, PCRF	UE	P-CSC	I-CSC	S-CSC	HSS	PCRF										S2-0506	
IMS Session Establishment	S2-0507	UE, P-CSC, I-CSC, S-CSC, HSS, PCRF, S-SBG-NC (opt), D-SBG-NC (opt)	UE	P-CSC	I-CSC	S-CSC	HSS	PCRF	S-SBG-NC(opt)	D-SBG-NC(opt)								S2-0507	

Enabling of IP flows by AF	S2-0508	UE, P-CSC, I-CSC, S-CSC, HSS, PCRF, GGSN	UE	P-CSC	I-CSC	S-CSC	HSS	PCRF	GGSN									S2-0508	
Disabling of IP flows by AF	S2-0509	UE, P-CSC, I-CSC, S-CSC, HSS, PCRF, GGSN	UE	P-CSC	I-CSC	S-CSC	HSS	PCRF	GGSN									S2-0509	
IMS Session Modification by AF	S2-0510	UE, P-CSC, I-CSC, S-CSC, HSS, PCRF, GGSN	UE	P-CSC	I-CSC	S-CSC	HSS	PCRF	GGSN									S2-0510	
IMS Session Terminated by UE	S2-0511	UE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NC (opt), D-SBG-NC (opt), GGSN	UE	P-CSC	I-CSC	S-CSC	HSS	GGSN	S-SBG-NC(opt	D-SBG-NC(opt)								S2-0511	
Test 6 - TIA 1039 Based QoS	S2-0601	TBA																S2-0601	
Test 7 - Inter-Doman Authentication - Security Token																			
Succesful Authentication	S2-0701	UE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NE (opt), D-SBG-NE (opt), S-SBG-NC (opt), D-SBG-NC (opt), A-RACS, SPDS, AS	UE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NE(opt	D-SBG-NE(opt	S-SBG-NC(opt	D-SBG-NC(opt)	A-RACS	SPDS	AS				S2-0701	
Authentication Failure	S2-0702	UE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NE (opt), D-SBG-NE (opt), S-SBG-NC (opt), D-SBG-NC (opt), A-RACS, SPDS, AS	UE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NE(opt	D-SBG-NE(opt	S-SBG-NC(opt	D-SBG-NC(opt)	A-RACS	SPDS	AS				S2-0702	
Test 8 - Media Packet Priority Marking																			
Priority Call Media Marking	S2-0801	UE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NE (opt), D-SBG-NE (opt), S-SBG-NC (opt), D-SBG-NC (opt), A-RACS, SPDS, AS	UE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NE(opt	D-SBG-NE(opt	S-SBG-NC(opt	D-SBG-NC(opt)	A-RACS	SPDS	AS				S2-0801	
Normal Call Media Marking	S2-0802	UE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NE (opt), D-SBG-NE (opt), S-SBG-NC (opt), D-SBG-NC (opt), A-RACS, SPDS, AS	UE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NE(opt	D-SBG-NE(opt	S-SBG-NC(opt	D-SBG-NC(opt)	A-RACS	SPDS	AS				S2-0802	
Test 9 - Priority Video Calling																			
Priority Video Conferencing	S2-0901	UE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NE (opt), D-SBG-NE (opt), S-SBG-NC (opt), D-SBG-NC (opt), A-RACS, SPDS, AS	UE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NE(opt	D-SBG-NE(opt	S-SBG-NC(opt	D-SBG-NC(opt)	A-RACS	SPDS	AS				S2-0901	
Dynamic Priority	S2-0902	UE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NE (opt), D-SBG-NE (opt), S-SBG-NC (opt), D-SBG-NC (opt), A-RACS, SPDS, AS	UE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NE(opt	D-SBG-NE(opt	S-SBG-NC(opt	D-SBG-NC(opt)	A-RACS	SPDS	AS				S2-0902	
Test 9 - Priority 3-Way Calling																			
Priority 3-Way Calling with single authorisation	S2-1001	UE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NE (opt), D-SBG-NE (opt), S-SBG-NC (opt), D-SBG-NC (opt), AS	UE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NE(opt	D-SBG-NE(opt	S-SBG-NC(opt	D-SBG-NC(opt)	AS						S2-1001	
Priority 3-Way Calling with multiple authorisation	S2-1002	UE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NE (opt), D-SBG-NE (opt), S-SBG-NC (opt), D-SBG-NC (opt), AS	UE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NE(opt	D-SBG-NE(opt	S-SBG-NC(opt	D-SBG-NC(opt)	AS						S2-1002	
Priority 3-Way Calling with failed authorisation	S2-1003	UE, P-CSC, I-CSC, S-CSC, HSS, S-SBG-NE (opt), D-SBG-NE (opt), S-SBG-NC (opt), D-SBG-NC (opt), AS	UE	P-CSC	I-CSC	S-CSC	HSS	S-SBG-NE(opt	D-SBG-NE(opt	S-SBG-NC(opt	D-SBG-NC(opt)	AS						S2-1003	
Scenario/Test Case	**Test #**	**Element List**	**Elements Relevant to Each Test Case (Please Higlight Each Element You Would Like to Test in Each Test Case)**															**Test Case #**	
S3A: IMS-IPTV Testing (2008.169, 20078.159, 2008.161, 2008.162, TBA)																			
Test 1 - Service selection and service provider discovery	S3A-0101	UE, IMS Core, UPSF-IPTV, SDF, SSF, CP	UE	IMS-CORE	UPSF-IPTV	SDF	SSF	CP										S3A-0101	
Test 2 - Start watching broadcast TV	S3A-0201	UE, IMS Core, SSF, VH-IPTV, RTR-IPTV, AS-IPTV	UE	IMS-CORE	SSF	VH-IPTV	RTR-IPTV	AS-IPTV										S3A-0201	
Test 3 - Change broadcast TV channel	S3A-0301	UE, IMS Core, SSF, VH-IPTV, RTR-IPTV, AS-IPTV	UE	IMS-CORE	SSF	VH-IPTV	RTR-IPTV	AS-IPTV										S3A-0301	
Test 4 - Quit watching broadcast TV	S3A-0401	UE, IMS Core, SSF, VH-IPTV, RTR-IPTV, AS-IPTV	UE	IMS-CORE	SSF	VH-IPTV	RTR-IPTV	AS-IPTV										S3A-0401	
Test 5 - Activate trick-play on broadcast TV channel (M1/M2) (1-M1, 2-M2)	S3A-0501-0502	UE, IMS Core, SSF, VH-IPTV, RTR-IPTV, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	VH-IPTV	RTR-IPTV	AS-IPTV	VMS-IPTV									S3A-0501-0502	
Test 6 - Trick-play control after activation trick-play (M1/M2) (1-M1, 2-M2)	S3A-0701-0702	UE, IMS Core, SSF, VH-IPTV, RTR-IPTV, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	VH-IPTV	RTR-IPTV	AS-IPTV	VMS-IPTV									S3A-0701-0702	
Test 7 - Fast backward to the beginning (M1/M2) (1-M1, 2-M2)	S3A-0801-0802	UE, IMS Core, SSF, VH-IPTV, RTR-IPTV, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	VH-IPTV	RTR-IPTV	AS-IPTV	VMS-IPTV									S3A-0801-0802	
Test 8 - Trick-play catch up with real time (M1/M2) (1-M1, 2-M2)	S3A-0901-0902	UE, IMS Core, SSF, VH-IPTV, RTR-IPTV, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	VH-IPTV	RTR-IPTV	AS-IPTV	VMS-IPTV									S3A-0901-0902	
Test 9 - Change channel under trick-play mode (M1/M2) (1-M1, 2-M2)	S3A-1001-1002	UE, IMS Core, SSF, VH-IPTV, RTR-IPTV, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	VH-IPTV	RTR-IPTV	AS-IPTV	VMS-IPTV									S3A-1001-1002	
Test 10 - Traditional broadcast with smart advertising for scenario 3 (M1/M2)	S3A-1101-1102	UE, IMS Core, SSF, VH-IPTV, RTR-IPTV, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	VH-IPTV	RTR-IPTV	AS-IPTV	VMS-IPTV									S3A-1101-1102	

Test 11 - Start watching Video on Demand (M1/M2) (1-M1, 2-M2)	S3A-1201-1202	UE, IMS Core, SSF, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	AS-IPTV	VMS-IPTV											S3A-1201-1202	
Test 12 - Perform trick-play on VoD (M1/M2) (1-M1, 2-M2)	S3A-1301-1302	UE, IMS Core, SSF, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	AS-IPTV	VMS-IPTV											S3A-1301-1302	
Test 13 - Stop watching VoD (M1/M2) (1-M1, 2-M2)	S3A-1401-1402	UE, IMS Core, SSF, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	AS-IPTV	VMS-IPTV											S3A-1401-1402	
Test 14 - Resume watching from last stop point (M1/M2) (1-M1, 2-M2)	S3A-1501-1502	UE, IMS Core, SSF, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	AS-IPTV	VMS-IPTV											S3A-1501-1502	
Test 15 - Terminate VoD session from AS-IPTV (M2)	S3A-1601	UE, IMS Core, SSF, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	AS-IPTV	VMS-IPTV											S3A-1601	
Test 16 - Resume watching from last terminated point (M2)	S3A-1701	UE, IMS Core, SSF, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	AS-IPTV	VMS-IPTV											S3A-1701	
Test 17 - Stop watching VoD at the end of streaming (M2)	S3A-1801	UE, IMS Core, SSF, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	AS-IPTV	VMS-IPTV											S3A-1801	
Test 18 - Start watching Video on Demand with QoS (M2)	S3A-1901	UE, IMS Core, SSF, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	AS-IPTV	VMS-IPTV											S3A-1901	
Test 19 - Park and pickup TV (M1/M2) (1-M1, 2-M2)	S3A-2001-2002	UE, IMS Core, SSF, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	AS-IPTV	VMS-IPTV											S3A-2001-2002	
Test 20 - Record by impulsive capture request (M1/M2) (1-M1, 2-M2)	S3A-2101-2102	UE, IMS Core, SSF, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	AS-IPTV	VMS-IPTV											S3A-2101-2102	
Test 21 - Record by off-line capture request (M1/M2) (1-M1, 2-M2)	S3A-2201-2202	UE, IMS Core, SSF, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	AS-IPTV	VMS-IPTV											S3A-2201-2202	
Test 22 - Start watching a recorded content	S3A-2301	UE, IMS Core, SSF, AS-IPTV, VMS-IPTV	UE	IMS-CORE	SSF	AS-IPTV	VMS-IPTV											S3A-2301	
Test 23 - Video Quality Measurements IMS Aware IPTV network	S3A-2401	N/W Monitor (on top of video Session)	NW Monitor															S3A-2401	
Test 24 - Testing Network Elements with ITU-T G.1050-2007 / ANSI TIA-921-A	S3A-2501	IP Impairment Emulator, N/W Monitor (on top of video session)	NW Monitor	IP Impair Emul.														S3A-2501	
Test 25 - MSF.IPTV-ATIS.IIF IMS Based Service Provider Network Attachment	S3A-2601	TBA																S3A-2601	
Test 26 - MSF.IPTV-ATIS.IIF IMS Based Service Provider Discovery Phase	S3A-2701	TBA																S3A-2701	
Test 27 - MSF.IPTV-ATIS.IIF Attachment to IMS Based Service Provider	S3A-2801	TBA																S3A-2801	
Test 28 - MSF.IPTV-ATIS.IIF Service Discovery and Selection	S3A-2901	TBA																S3A-2901	
Scenario/Test Case	**Test #**	**Element List**	**Elements Relevant to Each Test Case (Please Higlight Each Element You Would Like to Test in Each Test Case)**															**Test Case #**	
S3B: ATIS IIF Non-IMS Based IPTV Testing (TBA)																			
Test 1 - MSF.IPTV-ATIS.IIF Service Provider Network Attachment	S3B-0101	TBA																S3B-0101	
Test 2 - MSF.IPTV-ATIS.IIF Service Provider Discovery Phase	S3B-0201	TBA																S3B-0201	
Test 3 - MSF.IPTV-ATIS.IIF Attachment to Service Provider	S3B-0301	TBA																S3B-0301	
Test 4 - MSF.IPTV-ATIS.IIFF Service Discovery and Selection	S3B-0401	TBA																S3B-0401	
Scenario/Test Case	**Test #**	**Element List**	**Elements Relevant to Each Test Case (Please Higlight Each Element You Would Like to Test in Each Test Case)**															**Test Case #**	
S4: Location Services (2007.138)																			
Test 1 - Registration	S4-0101	UE, IMS Core, WIMAX Access, Broadband Access, 3GPP Access, 3GPP2 Access, TD-SCDMA Access	UE	IMS-CORE	WIMAX Access	Broadband Access	3GPP Access	3GPP2 Access	TD-SCDMA Access									S4-0101	
Test 2 - Number Translation & Location Routing	S4-0201	UE, IMS Core, AS, WIMAX Access, Broadband Access, 3GPP Access, 3GPP2 Access, TD-SCDMA Access	UE	IMS-CORE	AS	WiMAX Access	Broadband Access	3GPP Access	3GPP2 Access	TD-SCDMA Access								S4-0201	
Test 3 - Location Trust Domain / Privacy Enforcment (Emergency Services)	S4-0301	UE, IMS Core, AS, WIMAX Access, Broadband Access, 3GPP Access, 3GPP2 Access, TD-SCDMA Access	UE	IMS-CORE	AS	WiMAX Access	Broadband Access	3GPP Access	3GPP2 Access	TD-SCDMA Access								S4-0301	
Test 4 - Location Trust Domain / Privacy Enforcment (Interconnect)	S4-0401	UE, IMS Core, AS, WIMAX Access, Broadband Access, 3GPP Access, 3GPP2 Access, TD-SCDMA Access	UE	IMS-CORE	AS	WiMAX Access	Broadband Access	3GPP Access	3GPP2 Access	TD-SCDMA Access								S4-0401	
Test 5 - Call Queueing without priority call	S4-0501	UE, IMS Core, AS, WIMAX Access, Broadband Access, 3GPP Access, 3GPP2 Access, TD-SCDMA Access	UE	IMS-CORE	AS	WiMAX Access	Broadband Access	3GPP Access	3GPP2 Access	TD-SCDMA Access								S4-0501	
Test 6 - Call Queueing with priority call	S4-0601	UE, IMS Core, AS, WIMAX Access, Broadband Access, 3GPP Access, 3GPP2 Access, TD-SCDMA Access	UE	IMS-CORE	AS	WiMAX Access	Broadband Access	3GPP Access	3GPP2 Access	TD-SCDMA Access								S4-0601	
Scenario/Test Case	**Test #**	**Element List**	**Elements Relevant to Each Test Case (Please Higlight Each Element You Would Like to Test in Each Test Case)**															**Test Case #**	
S5: Service Oriented Architecture (SOA) (2008.100, 2008.118, 2008.89, 2008.81, 2008.113)																			
Test 1 - SOA API	S5-0101	UE, IMS Core, SOA Parlay X GW	UE	IMS-CORE	SOA Palay X GW													S5-0101	
Test 2 - POI Services with Location	S5-0201	IMS Core, UE, Presence Server, Parlay X AS, Parlay X GW	UE	IMS-CORE	Presence Server	Parlay X AS	Parlay X GW											S5-0201	
Test 3 - Taxi Services with Location	S5-0301	IMS Core, UE, ALS, Presence Server, SB/SCIM, Parlay X GW	UE	IMS-CORE	Presence Server	SB/SCIM	Parlay X GW											S5-0301	
Test 4- Short Message Service	S5-0401	IMS Core, UE, Parlay X AS, Parlay X GW	UE	IMS-CORE	Parlay X AS	Parlay X GW												S5-0401	
Test 5 - IPTV QOS SOA	S5-0501	IPTV-AS, IMS Core, UE, SSF, VMS-IPTV	UE	IMS-CORE	IPTV-AS	SSF	VMS-IPTV											S5-0501	
Scenario/Test Case	**Test #**	**Element List**	**Elements Relevant to Each Test Case (Please Higlight Each Element You Would Like to Test in Each Test Case)**															**Test Case #**	
S6: Management (2008.104, 2008.140, 2008.196)																			
Test 1 - Remote STB Management	S6-0101	STB, TV, ACS, AS-IPTV, VMS-IPTV or Video Headend	STB	TV	ACS	AS-IPTV	VMS-IPTV	OR VIDEO HEADEND										S6-0101	
Test 2 - Offline Billing	S6-0201	UE, IMS Core, OCS	UE	IMS-CORE	OCS													S6-0201	
Test 3 - VoIP Performance Management	S6-0301	UE, IMS Core, PMS	UE	IMS-CORE	PMS													S6-0301	
Other? Please List Below:																			