Test Item Description		
Manufacturer	EF Johnson Technologies	
Manufacturer Contact	John Oblak (507) 382-6327	
Product Name	TK 5830 UHF Mobile Subscriber Unit (380 MHz to 520 MHz)	
Installed Options	P25 Conventional P25 Trunking DES Encryption AES Encryption	
Vocoder Identification	Enhanced Full Rate	

### **Test Description**

P25-CAB-CAI\_TEST\_REQ – March 2010, Section 2.1.1.1 – Project 25 Phase 1 Common Air Interface Conventional Subscriber Unit Performance

P25-CAB-CAI\_TEST\_REQ – March 2010, Section 2.1.1.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Performance

P25-CAB-CAI\_TEST\_REQ – March 2010, Section 2.1.3.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Interoperability

Test Information	
P25 CAP Laboratory Code P25CAP081010 (EF Johnson Technologies)	
Date(s) of Test	November 7, 2014 to November 14, 2014
Date of Issue	December 9, 2015

Test Information	
P25 CAP Laboratory Code	P25CAP081010 (EF Johnson Technologies)
Date(s) of Test November 12, 2014 to November 21, 2014	
Date of Issue	December 9, 2014

Test Information	
P25 CAP Laboratory Code P25CAP081010 (EF Johnson Technologies)	
Date(s) of Test August 7, 2014	
Date of Issue	August 20, 2014

Test Information	
P25 CAP Laboratory Code P25CAP081017 (Harris Corporation)	
Date(s) of Test November 6, 2014	
Date of Issue	November 10, 2014

Test Information	
P25 CAP Laboratory Code P25CAP081011 (Compliance Testing, LLC)	
Date(s) of Test May 27, 2015	
Date of Issue	June 2, 2015

Informative References	
Date	Title
Mar 2010	P25-CAB-CAI_TEST_REQ – March 2010

Other Devices Tested with TK 5830 Mobile Subscriber Unit		
Manufacturer Product Name, Definition, and Unique ID Installed Options		Installed Options
EF Johnson	ATLAS Trunked Infrastructure	Release 1.1.0-10, TSNI 1.2.0-14
Harris Corp.	VIDA Premier SR10A MASTR V	Firmware R7G13
Codan Radio	Codan MT-4E – Daniels Trunked Radio	V1.1.0.9

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.1.1 – Project 25 Phase 1 Common Air Interface Conventional Subscriber Unit Performance		DTR-P25CAP081010-14120901	
	Receive	er Tests	
Test Case	Description	Requirement	Results
2.1.4	Reference Sensitivity	≤ -116 dBm (Class A	P1
2.1.5	Faded Reference Sensitivity	≤ -108 dBm (Class A)	P2
2.1.6	Signal Delay Spread Capability	≥ 50 µs	P3
2.1.7	Adjacent Channel Rejection	≥ 60 dB (Class A)	P4
2.1.8	Co-Channel Rejection	≤ 9 dB	Р
2.1.9	Spurious Response Rejection	≥ 70 dB (Class A)	Р
2.1.10	Intermodulation Rejection	≥ 70 dB (Class A)	Р
2.1.11	Signal Displacement Bandwidth	≥ 1000 Hz	Р
2.1.17	Late Entry Unsquelch Delay		
	No Talk Group or Encryption	≤ 125 ms	Р
	Talk Group Only	≤ 370 ms	Р
	Encryption Only	≤ 370 ms	Р
	Both Talk Group and Encryption	≤ 460 ms	Р
2.1.18	Receiver Throughput Delay	≤ 125 ms	Р

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.1.1 – Project 25 Phase 1 Common Air Interface Conventional Subscriber Unit Performance		DTR-P25CAP081010	9-14120901
	Transm	itter Tests	
Test Case	Description	Requirement	Results
2.2.8	Unwanted Emissions: Adjacent Channel Power Ratio	≥ 67 dB	Р
2.2.12	Transmitter Power and Encoder Attack Time		
	Power Attack Time	≤ 50 ms	Р
	Encoder Attack Time	≤ 100 ms	Р
2.2.14	Transmitter Throughput Delay	≤ 125 ms	Р
2.2.15	Frequency Deviation for C4FM		
	High Level Signal Deviation	2544 Hz < f <sub>dev</sub> ≤ 3111 Hz	Р
	Low Level Signal Deviation	848 Hz $< f_{dev} \le 1037 Hz$	Р
2.2.16	Modulation Fidelity	≤ 5% (Class A)	Р
2.2.18	Transient Frequency Behavior		
	Time Interval t <sub>1</sub> = 10 ms	∆f  ≤ 12.5 kHz	Р

 $|\Delta f| \leq 6.25 \text{ kHz}$ 

 $|\Delta f| \le 12.5 \text{ kHz}$ 

Time Interval  $t_2 = 25 \text{ ms}$ 

Time Interval  $t_3 = 10 \text{ ms}$ 

Ρ

Р

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.1.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Performance		DTR-P25CAP081010-14120901 DTR-P25CAP081010-14120902	
	Receiv	er Tests	
Test Case	Description	Requirement Results	
2.1.4	Reference Sensitivity	≤ -116 dBm (Class A)	P1
2.1.5	Faded Reference Sensitivity	≤ -108 dBm (Class A)	P2
2.1.6	Signal Delay Spread Capability	≥ 50 µs	P3
2.1.7	Adjacent Channel Rejection	≥ 60 dB (Class A)	P4
2.1.8	Co-Channel Rejection	≤ 9 dB	Р
2.1.9	Spurious Response Rejection	≥ 70 dB (Class A)	Р
2.1.10	Intermodulation Rejection	≥ 70 dB (Class A)	Р

 $\geq$  1000 Hz

Signal Displacement Bandwidth

2.1.11

Ρ

P25-CAB-CAI_TEST_REQ – March 2010,
Section 2.1.1.2 - Project 25 Phase 1 Common
Air Interface Trunked Subscriber Unit
Performance

## DTR-P25CAP081010-14120901 DTR-P25CAP081010-14120902

Performance					
	Transmitter Tests				
Test Case	Description	Requirement Results			
2.2.8	Unwanted Emissions: Adjacent Channel Power Ratio	≥ 67 dB	Р		
2.2.12	Transmitter Power and Encoder Attack Time				
	Power Attack Time	≤ 50 ms	Р		
	Encoder Attack Time	≤ 100 ms	Р		
2.2.14	Transmitter Throughput Delay	≤ 125 ms	Р		
2.2.15	Frequency Deviation for C4FM				
	High Level Signal Deviation	$2544 \; Hz < f_{dev} \le 3111 \; Hz$	Р		
	Low Level Signal Deviation	$848~Hz < f_{dev} \leq 1037~Hz$	Р		
2.2.16	Modulation Fidelity	≤ 5% (Class A)	Р		
2.2.18	Transient Frequency Behavior				
	Time Interval t <sub>1</sub> = 10 ms	$ \Delta f  \le 12.5 \text{ kHz}$	Р		
	Time Interval $t_2 = 25 \text{ ms}$	$ \Delta f  \le 6.25 \text{ kHz}$	Р		
	Time Interval $t_3 = 10 \text{ ms}$	∆f  ≤ 12.5 kHz	Р		

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.1.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Performance		DTR-P25CAP081010-14120901 DTR-P25CAP081010-14120902		
	Trunked Subs	criber Unit Tests		
Test Case	Description	Requirement Results		
2.3.1	Trunking Control Channel Slot Times (45 ms slot) - N7 Encode Attack Time RF Power Attack Time RF Power Turn Off Time	$2.00 \text{ ms} \le t \le 11.65 \text{ ms}$ $0 \text{ ms} \le t \le 11.65 \text{ ms}$ $\le 1.57 \text{ ms}$	Р Р Р	
2.3.2	Trunking Request Time	≤ 167.5 ms	Р	
2.3.3	Trunking Voice Access Time	500 ms (Manufacturer Specified)	Р	
2.3.5	Transmitter Time to Key on a Traffic Channel Short Channel Form	≤ 150.0 ms	Р	

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.3.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Interoperability		DTR- P25CAP081010- 14082001	DTR- P25CAP081017- 1141104K	DTR- P25CAP081011
EF Johnson TK 5830 Mobile		EF Johnson IP25 Trunking Infrastructure	Harris VIDA Trunked Infrastructure	Codan
Test Case	Description			
2.2.1	Full Registration			
2.2.1.4.1	Test Case 1 - Valid Registration		1	
	Home Operation	P P		Р
	Inter-System Operation	N1 N3		N4
	Inter-WACN Operation	N1 N3 N4		N4
2.2.1.4.2	Test Case 2 – Denied or Refused			
	Home Operation	Р	Р	Р
	Inter-System Operation	N1 N3 N		N4
	Inter-WACN Operation	N1 N3 N4		N4
2.2.1.4.3	Test Case 3 - Unverified Registration		ı	
	Home Operation	Р	Р	N5
	Inter-System Operation	N1	N3	N4
	Inter-WACN Operation	N1 N3 N4		N4
2.2.2	Group Voice Call	-		
2.2.2.4.1	Test Case 1 – Group Call Granted		1	
	Home Operation	Р	Р	Р
	Inter-System Operation	N1 N3 N4		N4
	Inter-WACN Operation	WACN Operation N1 N3 N		N4
2.2.2.4.2	Test Case 2 – Group Call Denied			1
	Home Operation	Р	Р	Р
	Inter-System Operation	N1	N3	N4
	Inter-WACN Operation	N1 N3 N4		N4
2.2.2.4.3	Test Case 3 – Group Call Request		1	
	Home Operation	Р	Р	Р
	Inter-System Operation	N1	N3	N4
	Inter-WACN Operation	N1	N3	N4

Test Case Description  2.2.3 Unit-To-Unit Voice Call  2.2.3.4.1 Test Case 1 — Unit-To-Unit Call With Target Availability Check  Home Operation PPPP  Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  2.2.3.4.2 Test Case 2 — Unit-To-Unit Call Target Availability Check Denied By Target  Home Operation PPPPP  Inter-System Operation N1 N3 N4  2.2.3.4.2 Test Case 2 — Unit-To-Unit Call Target Availability Check Denied By Target  Home Operation PPPPP  Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  Inter-WACN Operation PPPPPPP  Inter-System Operation PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.3.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Interoperability		DTR- P25CAP081010- 14082001	DTR- P25CAP081017- 1141104K	DTR-P25CAP081011
2.2.3 Unit-To-Unit Voice Call  2.2.3.4.1 Test Case 1 – Unit-To-Unit Call With Target Availability Check  Home Operation P P P P P Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  2.2.3.4.2 Test Case 2 – Unit-To-Unit Call Target Availability Check Denied By Target  Home Operation P P P P P Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  2.2.3.4.3 Test Case 3 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel assignment after target availability check  Home Operation P P P P Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4	EF Johnson TK 5830 Mobile		EF Johnson IP25 Trunking Infrastructure	Harris VIDA Trunked Infrastructure	Codan
2.2.3.4.1 Test Case 1 – Unit-To-Unit Call With Target Availability Check  Home Operation P P P P P Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  2.2.3.4.2 Test Case 2 – Unit-To-Unit Call Target Availability Check Denied By Target  Home Operation P P P P P Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  2.2.3.4.3 Test Case 3 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel assignment after target availability check  Home Operation P P P P Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4	Test Case	Description			
Availability Check  Home Operation P P P P Inter-System Operation N1 N3 N4 Inter-WACN Operation N1 N3 N4  2.2.3.4.2 Test Case 2 – Unit-To-Unit Call Target Availability Check Denied By Target Home Operation P P P Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  2.2.3.4.3 Test Case 3 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel assignment after target availability check  Home Operation P P P P Inter-System Operation N1 N3 N4  1 Test Case 4 – Unit-To-Unit Call Queued With Target Availability Check — traffic channel	2.2.3	Unit-To-Unit Voice Call			
Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  2.2.3.4.2 Test Case 2 – Unit-To-Unit Call Target Availability Check Denied By Target  Home Operation P P P  Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  2.2.3.4.3 Test Case 3 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel assignment after target availability check  Home Operation P P P  Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  Test Case 4 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel	2.2.3.4.1				
Inter-WACN Operation  N1 N3 N4  2.2.3.4.2 Test Case 2 – Unit-To-Unit Call Target Availability Check Denied By Target  Home Operation  P P P Inter-System Operation  N1 N3 N4  Inter-WACN Operation  N1 N3 N4  2.2.3.4.3 Test Case 3 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel assignment after target availability check  Home Operation  P P P Inter-System Operation  N1 N3 N4  Inter-WACN Operation  N1 N3 N4  Inter-WACN Operation  N1 N3 N4  Inter-WACN Operation  N1 N3 N4  Test Case 4 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel		Home Operation	Р	Р	Р
2.2.3.4.2 Test Case 2 – Unit-To-Unit Call Target Availability Check Denied By Target  Home Operation P P P Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  2.2.3.4.3 Test Case 3 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel assignment after target availability check  Home Operation P P P Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  Test Case 4 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel		Inter-System Operation	N1	N3	N4
Availability Check Denied By Target  Home Operation P P P  Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  2.2.3.4.3 Test Case 3 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel assignment after target availability check  Home Operation P P P  Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  Test Case 4 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel		Inter-WACN Operation	N1 N3 N4		N4
Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  2.2.3.4.3 Test Case 3 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel assignment after target availability check  Home Operation P P P  Inter-System Operation N1 N3 N4  Inter-WACN Operation N1 N3 N4  Test Case 4 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel	2.2.3.4.2				
Inter-WACN Operation  N1 N3 N4  2.2.3.4.3 Test Case 3 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel assignment after target availability check  Home Operation  P P P Inter-System Operation  N1 N3 N4  Inter-WACN Operation  N1 N3 N4  Test Case 4 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel		Home Operation	Р	Р	Р
Test Case 3 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel assignment after target availability check  Home Operation P P P Inter-System Operation N1 N3 N4 Inter-WACN Operation N1 N3 N4  Test Case 4 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel		Inter-System Operation	N1	N3	N4
Target Availability Check – traffic channel assignment after target availability check  Home Operation P P P Inter-System Operation N1 N3 N4 Inter-WACN Operation N1 N3 N4  Z.2.3.4.4 Test Case 4 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel		Inter-WACN Operation	N1	N3	N4
Inter-System Operation N1 N3 N4 Inter-WACN Operation N1 N3 N4  2.2.3.4.4 Test Case 4 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel	2.2.3.4.3	Target Availability Check – traffic channel			
Inter-WACN Operation N1 N3 N4  2.2.3.4.4 Test Case 4 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel		Home Operation	Р	Р	Р
2.2.3.4.4 Test Case 4 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel		Inter-System Operation	N1	N3	N4
Target Availability Check – traffic channel		Inter-WACN Operation	N1 N3 N4		N4
assignment before target availability check	2.2.3.4.4	Test Case 4 – Unit-To-Unit Call Queued With Target Availability Check – traffic channel assignment before target availability check			
Home Operation N/A 1 N/A 1 N/A 1		Home Operation	N/A 1	N/A 1	N/A 1
Inter-System Operation N1 N3 N4		Inter-System Operation	N1	N3	N4
Inter-WACN Operation N1 N3 N4		Inter-WACN Operation	N1	N3	N4
2.2.3.4.5 Test Case 5 – Unit-To-Unit Call Without Target Availability Check	2.2.3.4.5				
Home Operation N2 P N2		Home Operation	N2	Р	N2
Inter-System Operation N1 N3 N4		Inter-System Operation	N1	N3	N4
Inter-WACN Operation N1 N3 N4		Inter-WACN Operation	N1	N3	N4

	9			
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EF Johns	EF Johnson TK 5830 Mobile		Harris VIDA Trunked Infrastructure	Codan
Test Case Description				
2.2.3	2.2.3 Unit-To-Unit Voice Call			
2.2.3.4.6	Test Case 6 – Unit-To-Unit Call Queued Without Target Availability Check			
	Home Operation		Р	N2
	Inter-System Operation	N1	N3	N4
	Inter-WACN Operation		N3	N4
2.2.3.4.7 Test Case 7 – Unit-To-Unit Call Denied				
	Home Operation		Р	Р
	Inter-System Operation	N1	N3	N4
	Inter-WACN Operation	N1	N3	N4

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.3.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Interoperability			runked P25CAP081017- ure 1141104K	
EF Johnson TK 5830 Mobile		EF Johnson IP25 Trunking Infrastructure	Harris VIDA Trunked Infrastructure	Codan
Test Case	Description			
2.2.4	Broadcast Voice Call			
2.2.4.4.1	Test Case 1 – Broadcast Voice Call			
	Home Operation	Р	Р	Р
	Inter-System Operation	tion N1 N3		N4
	Inter-WACN Operation N1 N3		N3	N4
2.2.5 Affiliation				
2.2.5.4.1	Test Case 1 - Radio Permitted To Affiliate With New Group			
	Home Operation	P P		Р
	Inter-System Operation N1 I		N3	N4
	Inter-WACN Operation N1 N:		N3	N4
2.2.5.4.2	Test Case 2 - Radio Denied Affiliation To New Group			
	Home Operation	Р	Р	Р
	Inter-System Operation	N1	N3	N4
	Inter-WACN Operation	N1	N3	N4
2.2.6	Announcement Group Call			
2.2.6.4.1	Test Case 1 - Collection Of Talk Groups Receive Call			
	Home Operation	РР		Р
	Inter-System Operation	N1 N3		N4
	Inter-WACN Operation	N1 N3		N4
2.2.7	Emergency Alarm			
2.2.7.4.1	Test Case 1 - Emergency Alarm			
	Home Operation	Р	Р	Р
	Inter-System Operation	N1	N3	N4
	Inter-WACN Operation	N1	N3	N4

P25-CAB-CAI_TEST_REQ – March 2010, Section 2.1.3.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Interoperability			DTR- P25CAP081017- 1141104K	DTR-P25CAP081011
EF Johnson TK 5830 Mobile		EF Johnson IP25 Trunking Infrastructure	Harris VIDA Trunked Infrastructure	Codan
Test Case Description				
2.2.8 Emergency Group Call				
2.2.8.4.1	2.2.8.4.1 Test Case 1 - Emergency Call			
	Home Operation	P P F		Р
	Inter-System Operation	N1 N3 N		N4
	Inter-WACN Operation	N1 N3 N4		N4
2.2.10	) Encryption			
2.2.10.4.1	Test Case 1 - Call Privacy For Encrypted Call			
	Home Operation	РР		Р
	Inter-System Operation	N1 N3 N4		N4
	Inter-WACN Operation	N1 N3 N4		N4
2.2.11	2.2.11 Intra-Location Registration Area Roaming			
2.2.11.4.1	Test Case 1 – Idle Radio			
	Home Operation	P P N		N6
	Inter-System Operation	N1	N3	N4
	Inter-WACN Operation	N1	N3	N4

Model Class Definition		Applied to P25-CAB-CAI_Test_Req Mar 2010, 2.1.3.2		
Model Class Name	Product Definition	Name, n, and Unique ID	Installed Options	
TK 5830 Series Mobile	TK 5830	Mobile	Firmware: K 1.11.01; Trunkin	
			Firmware:	

Test Case Result Definitions	Test Case Result Definitions		
No Test Performed			
Test Does Not Apply to the Test Object	N/A		
Test Object Meets Requirements	P (Pass)		
Test Object Does Not Meet Requirements	F (Fail)		
Test Object is Not Conclusive	I (Inconclusive)		

Comments
N/A 1: Test case 2.2.3.4.4 is not applicable for these infrastructures; see results of test 2.2.3.4.3.
N1: EF Johnson infrastructure does not support Inter-System or Inter-WACN roaming.
N2: Test Cases 2.2.3.4.5 and 2.2.3.4.6 are not supported by EF Johnson and Codan FNE.
N3: Harris infrastructure does not support Inter-System or Inter-WACN roaming.
N4: Codan infrastructure does not support Inter-System or Inter-WACN roaming.
N5: Codan infrastructure does not support Test Case 3, Section 2.2.1.4.3 Unverified Registration
N6: Codan infrastructure does not support Intra-Location Registration Area Roaming, Test Case 1 Section 2.2.11.4.1

- N7: TK 5830 meets timing requirements in the 45 ms slot timing mode.
- P1: EF Johnson TK 5830 VHF subscriber passes Reference Sensitivity (≤ -116 dBm) specification for C4FM (Non-Simulcast) and Simulcast modulations.
- P2: EF Johnson TK 5830 VHF subscriber passes Faded Reference Sensitivity (≤ -108 dBm) specification for C4FM (Non-Simulcast) and Simulcast modulations.
- P3: EF Johnson TK 5830 VHF subscriber passes Signal Delay Spread Capability specification for C4FM (Non-Simulcast) (≥ 50 μs) and Simulcast modulations (≥ 80 μs).
- P4: EF Johnson TK 5830 VHF subscriber passes Adjacent Channel Rejection (≥ 60 dB) specification for C4FM (Non-Simulcast) and Simulcast modulations.

August 28, 2015

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**OMB NO:** 1640-0015

**EXPIRATION DATE: 07/31/2015** 

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