

FORMAT III
OUTSIDE PLANT ACCEPTANCE TESTS – T1 or T1C CARRIER PAIRS

PROJECT: _____ Type of Proposed Carrier: _____ (Trunk – Subscriber)

LOCATION: From _____ to _____ (CO Name) Shield or Shield/Armor Continuity has been checked: _____

Aerial: _____ Buried: _____ Weather: _____ Temp.: _____ Date: _____ Sheet _____ of _____

CARRIER FREQUENCY INSERTION LOSS MEASUREMENTS ①

From _____ to _____		From _____ to _____							
Freq. ③ (kHz)	Send Level (dBm)	Receive Level (dBm)	Measured Loss (dB)	Estimated Loss (dB)	Freq. ③ (kHz)	Send Level (dBm)	Receive Level (dBm)	Measured Loss (dB)	Estimated Loss (dB)
20					20				
60					60				
100					100				
140					140				
180					180				
200					200				
300					300				
400					400				
600					600				
700					700				
772					772				
800					800				
1000					1000				
1200					1200				
1300					1300				
1400					1400				
1500					1500				
1576					1576				

Notes: ① Refer to RUS TE&CM 925 on How to Make Measurements. ② Go as high in frequency as required by contract. ③ From either Table 7 or 8 in Paragraph (g)(4)(iii)(A) of Section 1755.403; Correct loss for temperature.

FORMAT IV
OUTSIDE PLANT ACCEPTANCE TESTS - STATION CARRIER PAIRS

PROJECT: _____ Type of Proposed Carrier: _____ (Trunk - Subscriber)

LOCATION: From _____ (CO Name) to _____ (Sub.) Shield or Shield/Armor Continuity has been checked: _____

Aerial: _____ Buried: _____ Weather: _____ Temp.: _____ Date: _____ Sheet _____ of _____

CARRIER FREQUENCY INSERTION LOSS MEASUREMENTS (1)

From _____ to _____				From _____ to _____					
Freq. (kHz)	Send Level (dBm)	Receive Level (dBm)	Measured Loss (dB)	Estimated Loss (dB)	Freq. (kHz)	Send Level (dBm)	Receive Level (dBm)	Measured Loss (dB)	Estimated Loss (dB)
20					20				
60					60				
100					100				
112					112				
140					140				

From _____ to _____				From _____ to _____					
Freq. (kHz)	Send Level (dBm)	Receive Level (dBm)	Measured Loss (dB)	Estimated Loss (dB)	Freq. (kHz)	Send Level (dBm)	Receive Level (dBm)	Measured Loss (dB)	Estimated Loss (dB)
20					20				
60					60				
100					100				
112					112				
140					140				

Notes:

- (1) Refer to RUS TE&CM 925 on How to Make Measurements.
- (2) From either Table 7 or 8 in Paragraph (g)(4)(iii)(A) of Section 1755.403; correct loss for temperature.

FORMAT V
 OUTSIDE PLANT ACCEPTANCE TESTS
 FIBER OPTIC TELECOMMUNICATIONS PLANT

PROJECT: _____	Date of Test: _____
TERMINATION POINT A: _____	Tester (Contractor): _____
TERMINATION POINT B: _____	Tester (Engineer): _____
Time Measured: _____	Tester (Borrower): _____
Temperature: _____	Test Equip: _____
Soil Type: _____	Moisture Content of Soil: _____

Route No.	Fiber No.	Length Miles or km	Splice Loss (dB)		End-to-End Attenuation (dB/km)	End-to-End Fiber Signature	
			FIELD	CO		Yes	No

Armor Continuity Data has been attached. Yes ___ No ___

