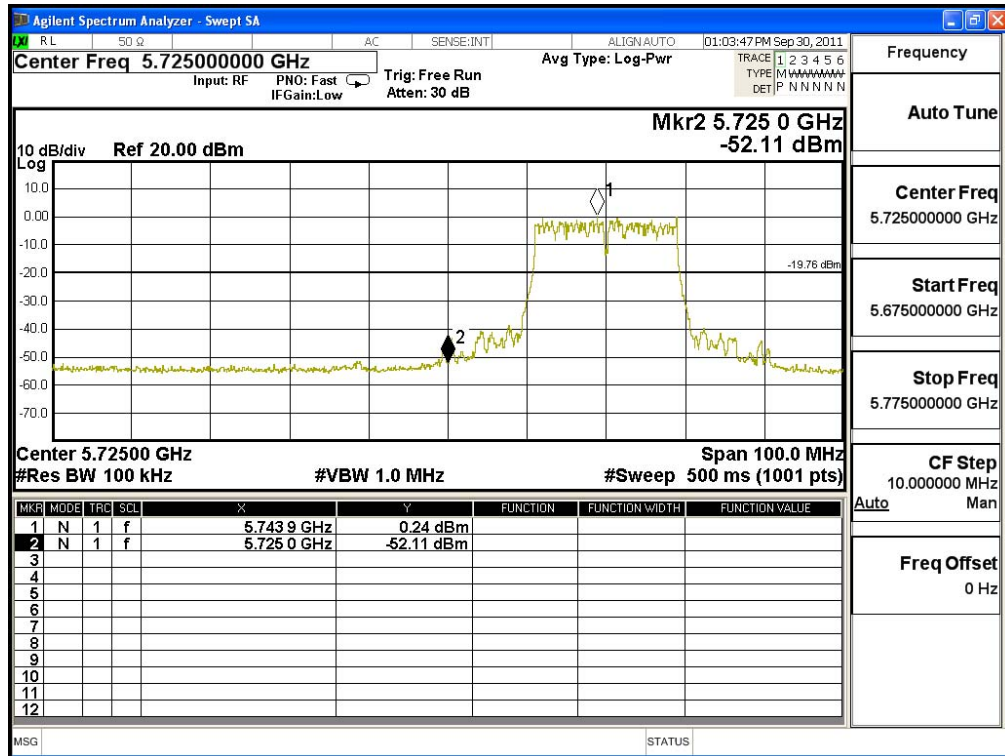


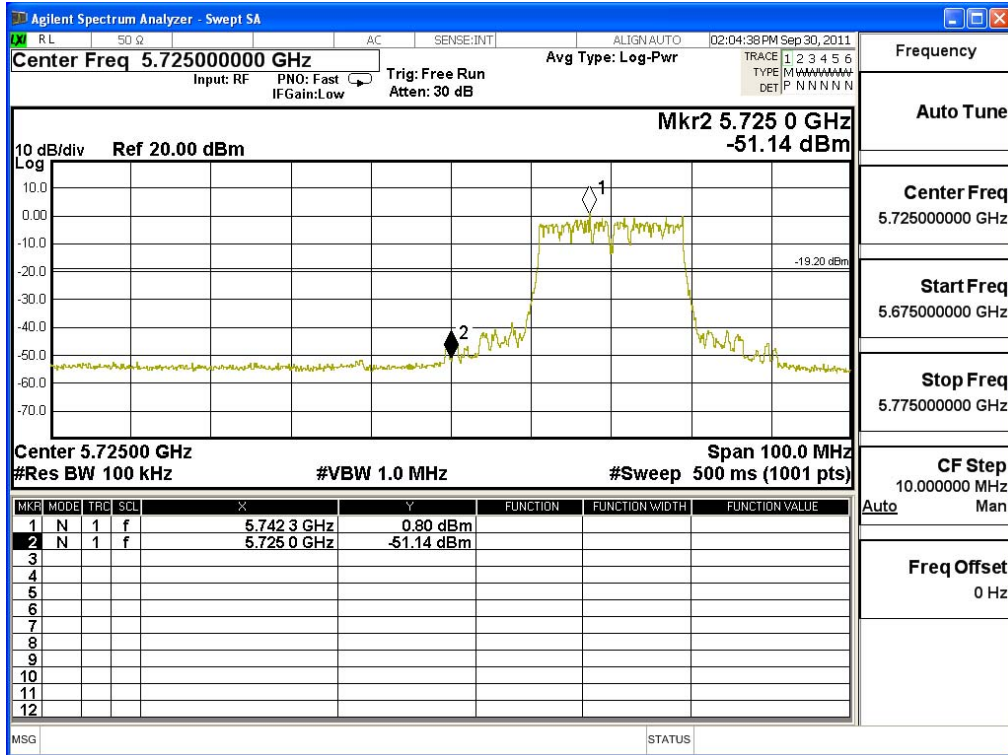
Chain B

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5745	52.35	>20	PASS



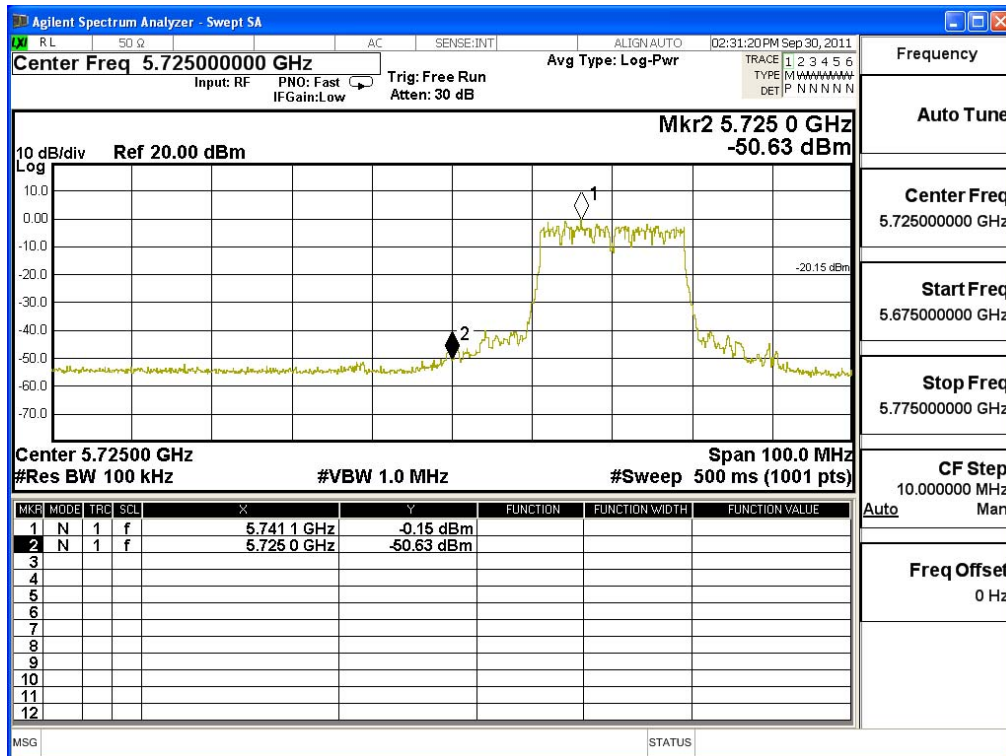
Chain C

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5745	51.94	>20	PASS



Chain D

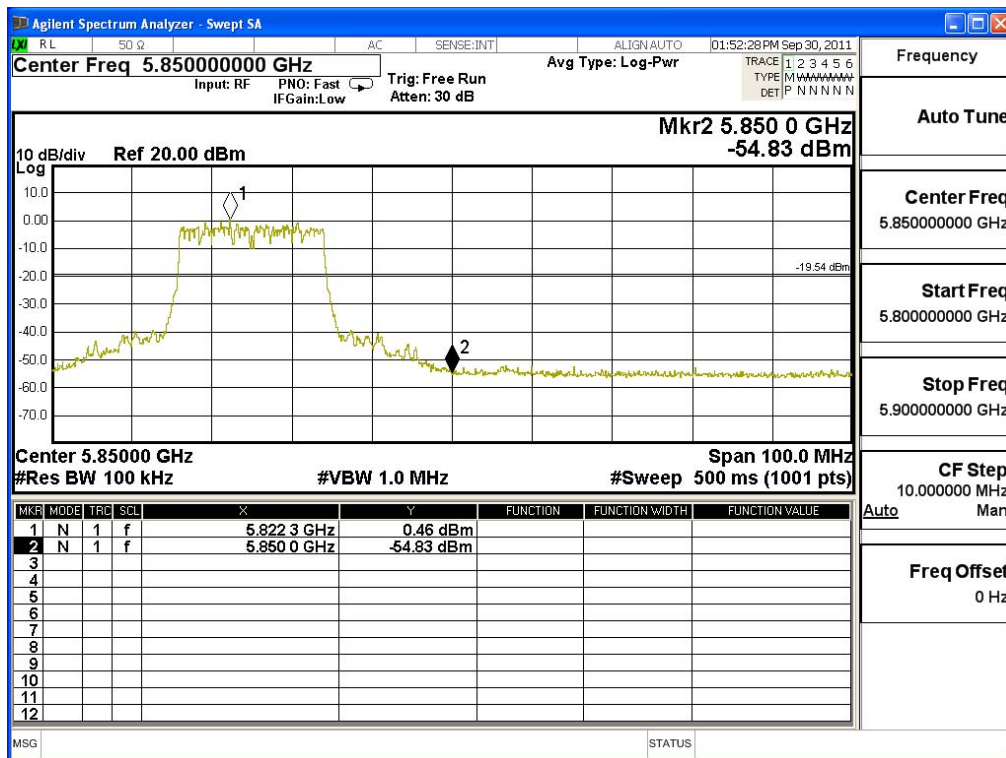
Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5745	50.48	>20	PASS



Product : WHDI Tx board
 Test Item : Band Edge
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit (31.5Mbps 20MBW)-5825MHz

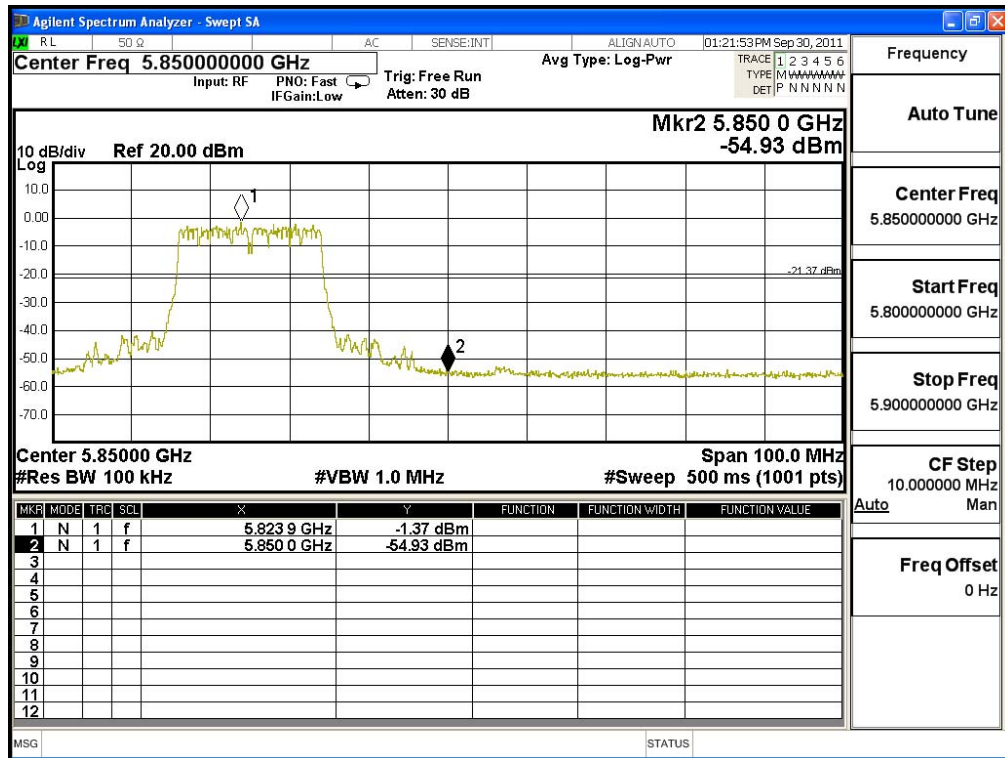
Chain A

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5825	55.29	>20	PASS



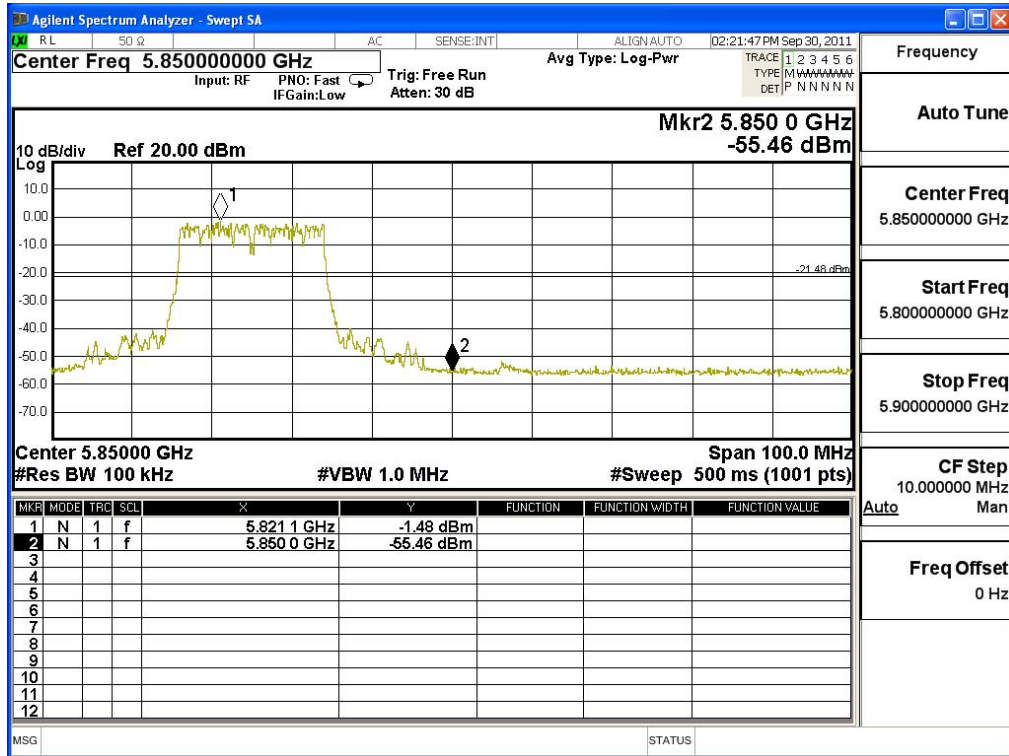
Chain B

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5825	53.56	>20	PASS



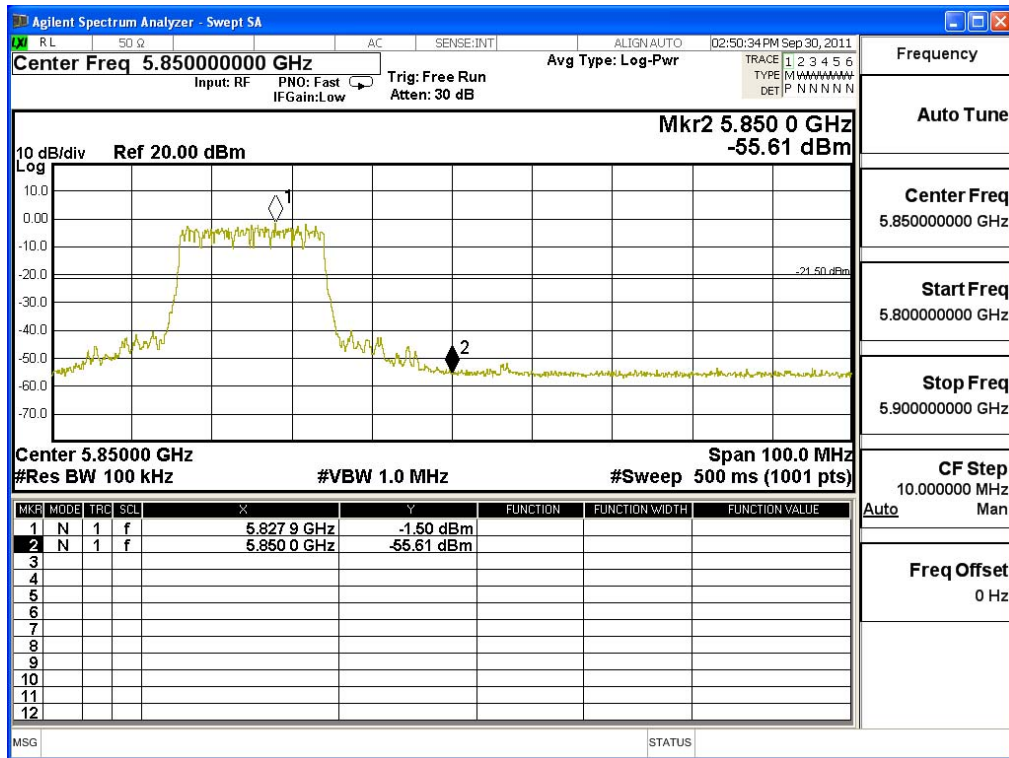
Chain C

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5825	53.98	>20	PASS



Chain D

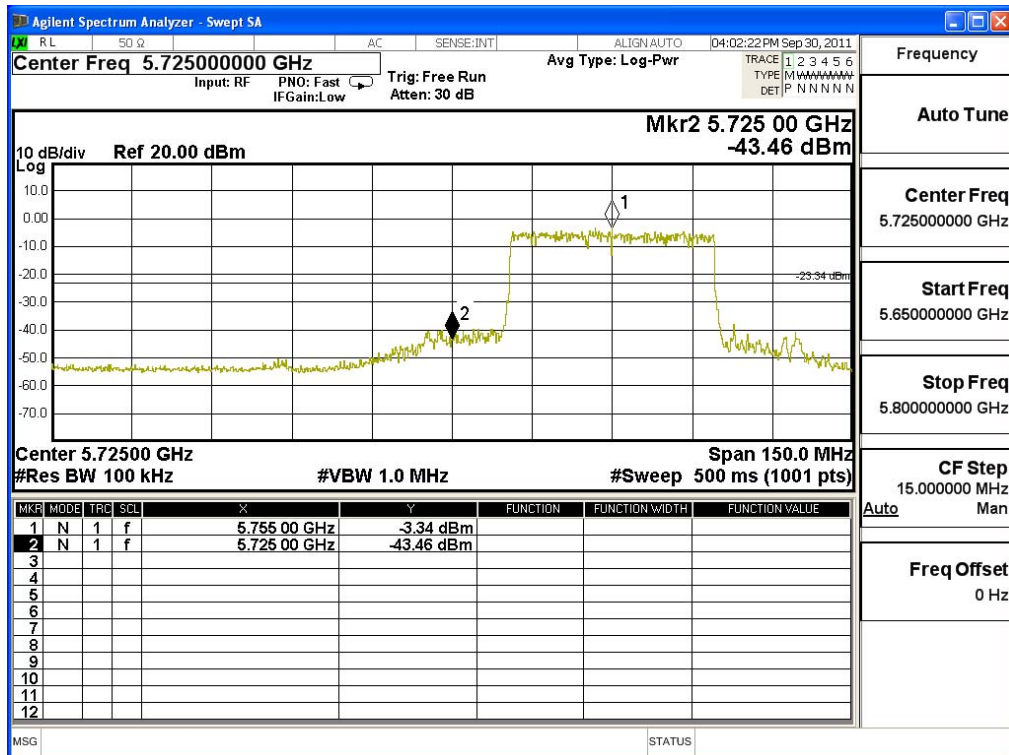
Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5825	54.11	>20	PASS



Product : WHDI Tx board
 Test Item : Band Edge
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmit (63Mbps 40MBW)-5755MHz

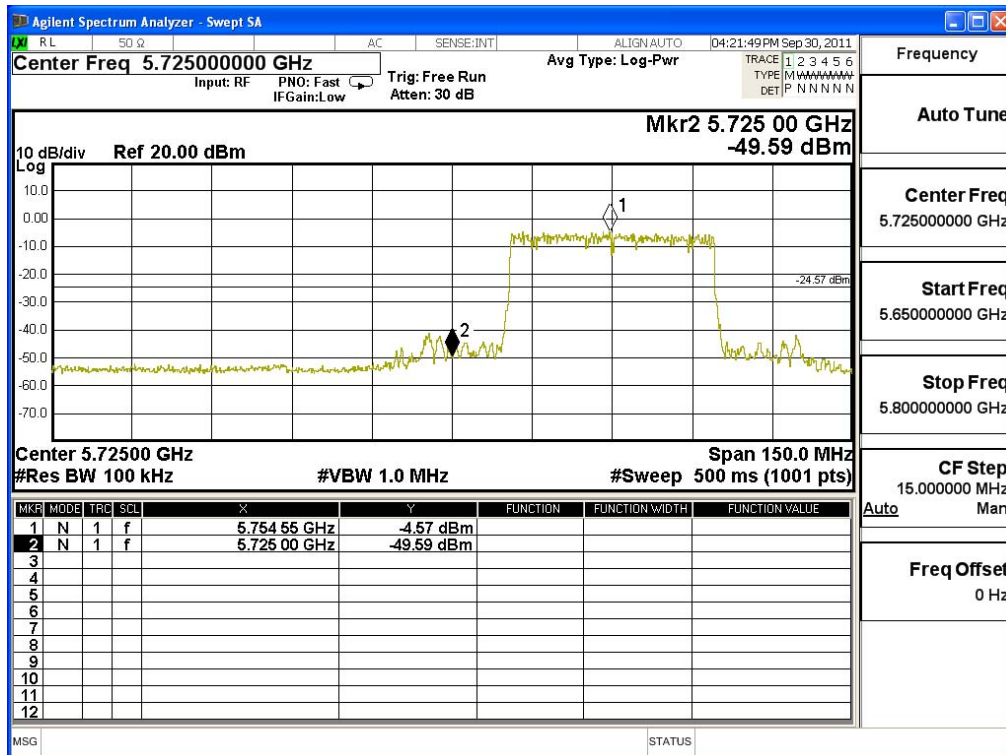
Chain A

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5755	40.12	>20	PASS



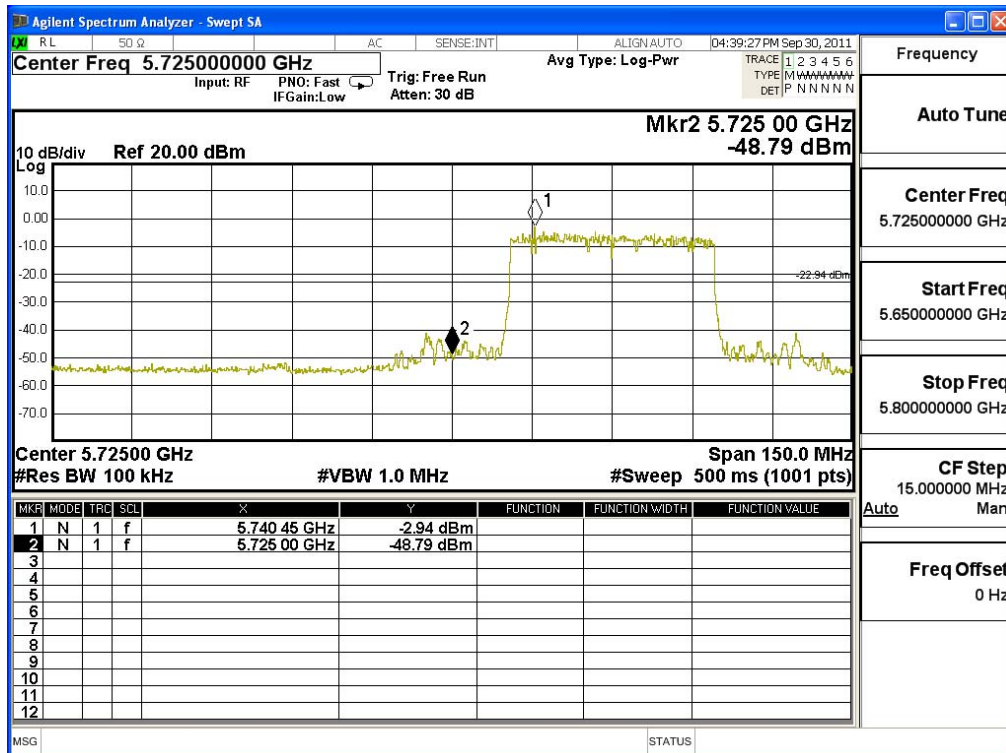
Chain B

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5755	45.02	>20	PASS



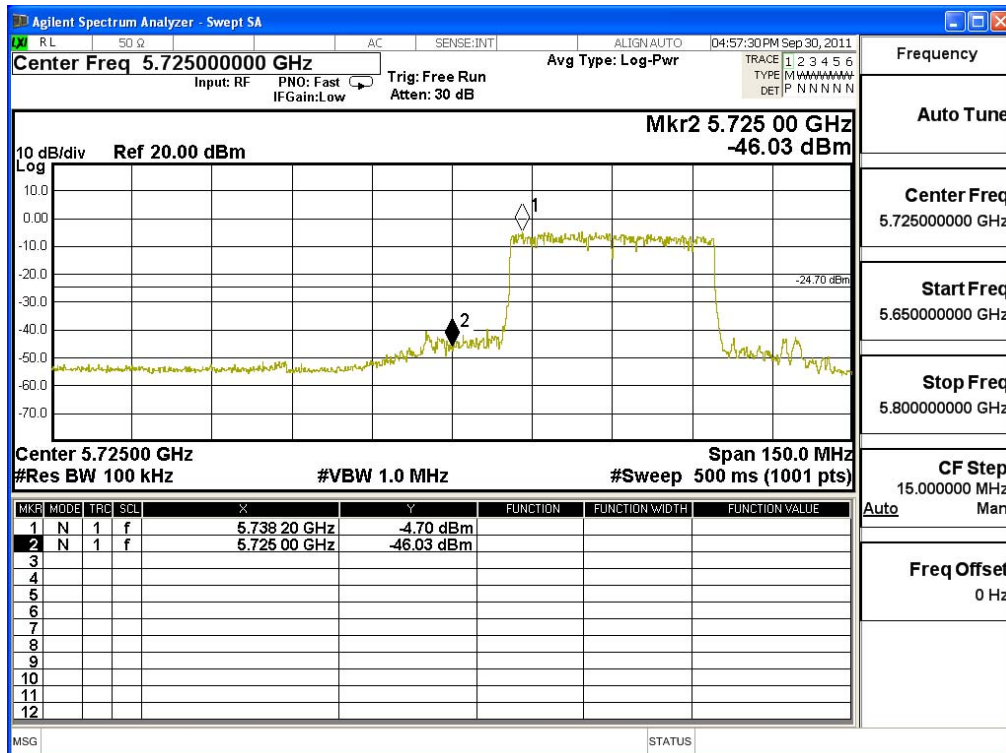
Chain C

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5755	45.85	>20	PASS



Chain D

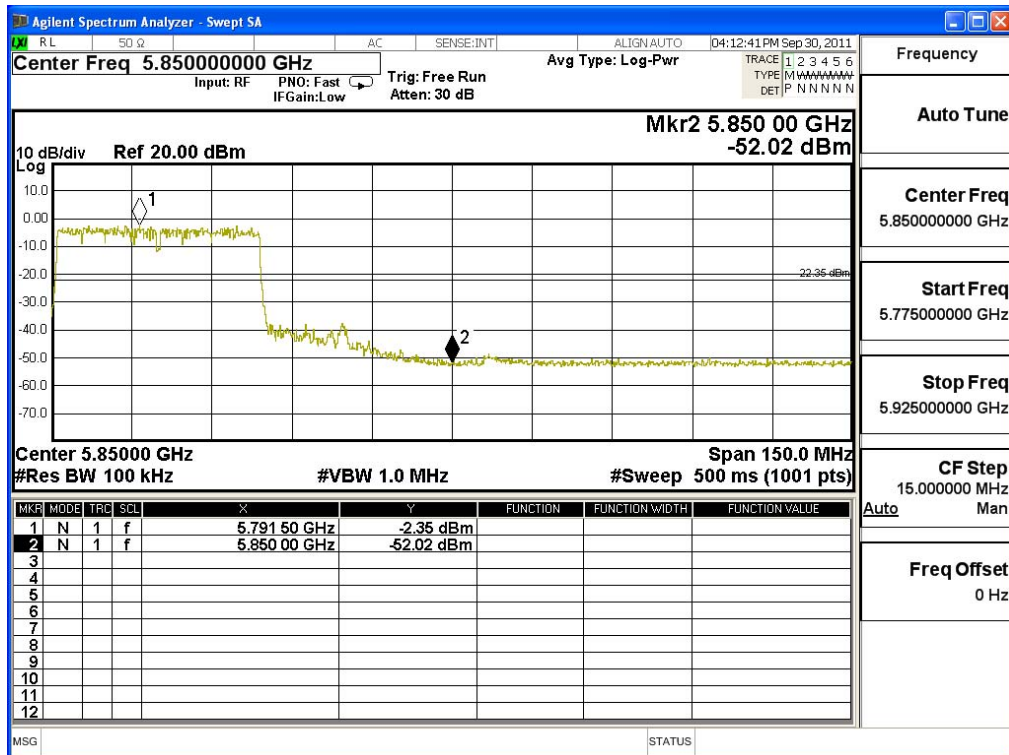
Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5755	41.33	>20	PASS



Product : WHDI Tx board
 Test Item : Band Edge
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmit (63Mbps 40MBW)-5795MHz

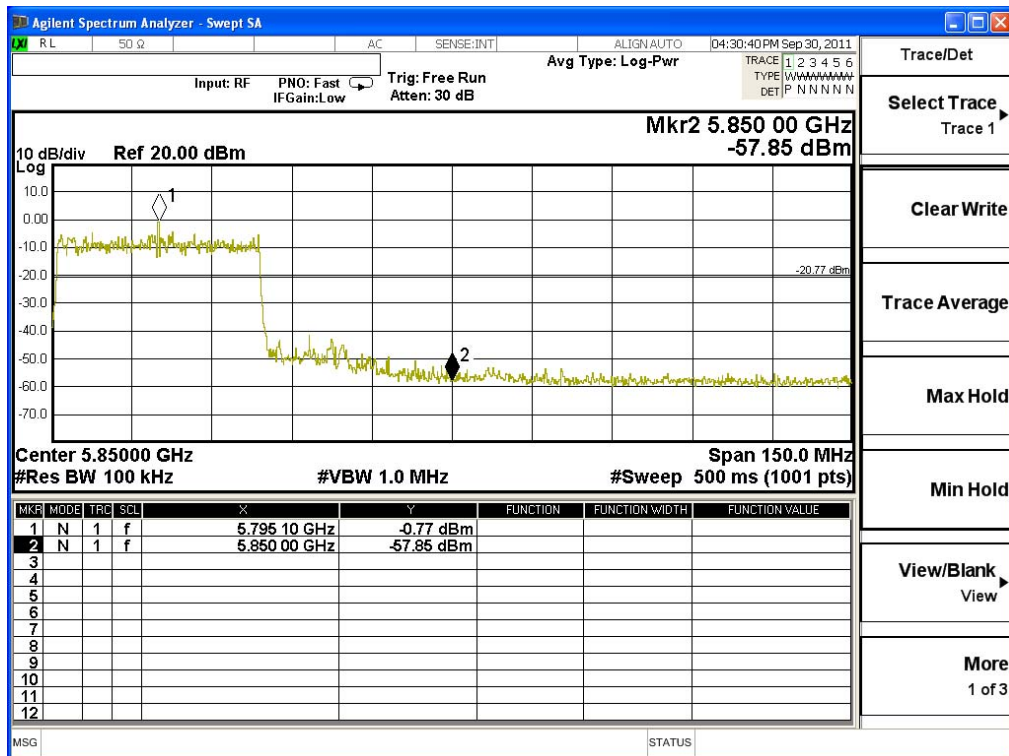
Chain A

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5795	49.67	>20	PASS



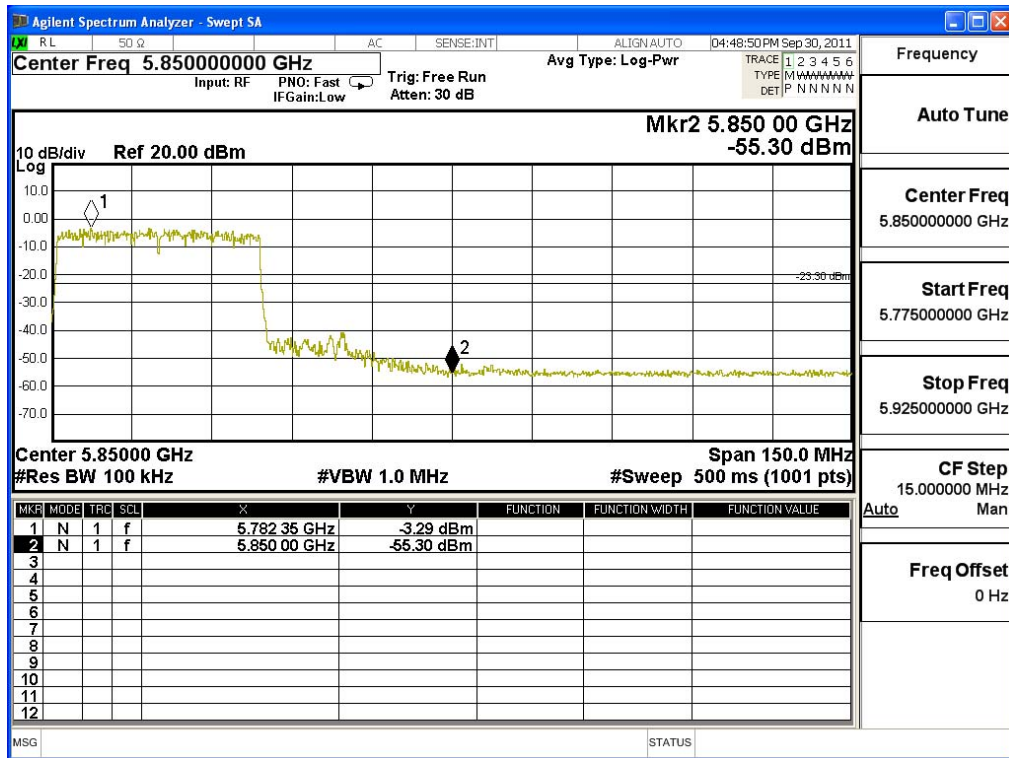
Chain B

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5795	57.08	>20	PASS



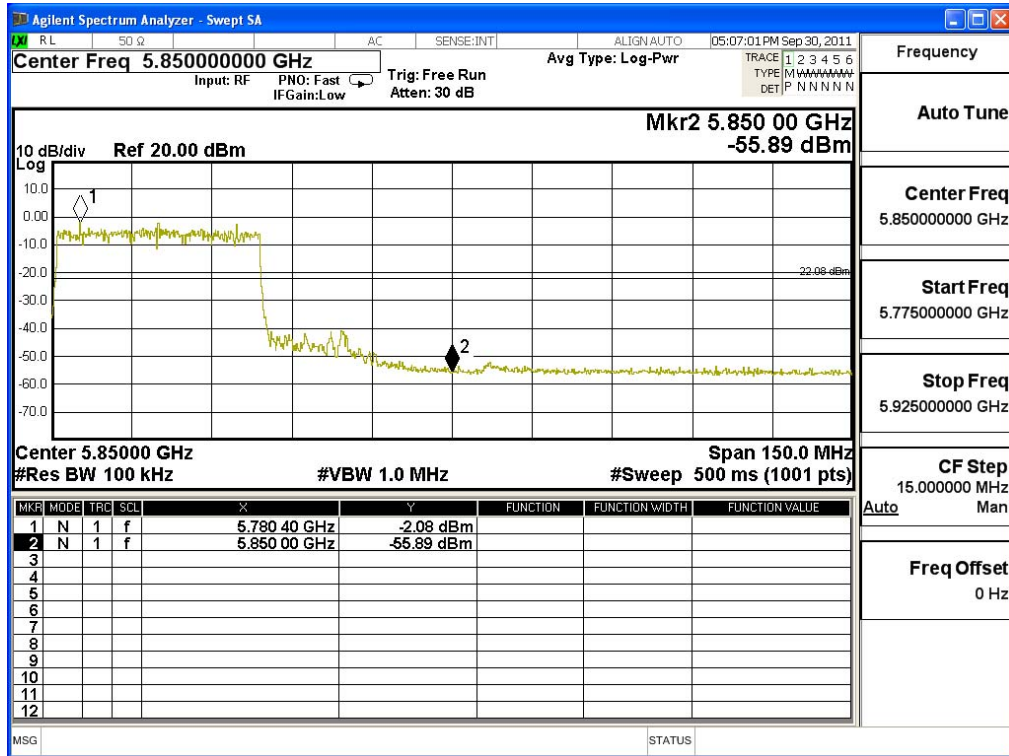
Chain C

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5795	52.01	>20	PASS



Chain D

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5795	53.81	>20	PASS



7. Occupied Bandwidth

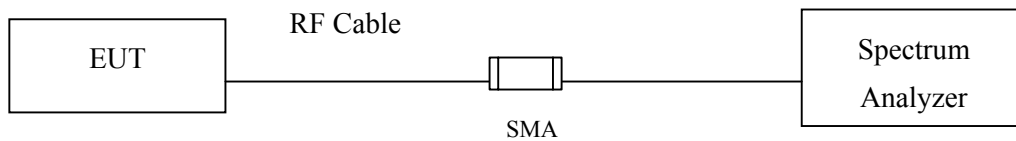
7.1. Test Equipment

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2011
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2011
X	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2011

Note:

1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with “X” are used to measure the final test results.

7.2. Test Setup



7.3. Limits

The minimum bandwidth shall be at least 500 kHz.

7.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2009; tested according to DTS test procedure of Mar. 2005 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Span greater than RBW.

7.5. Uncertainty

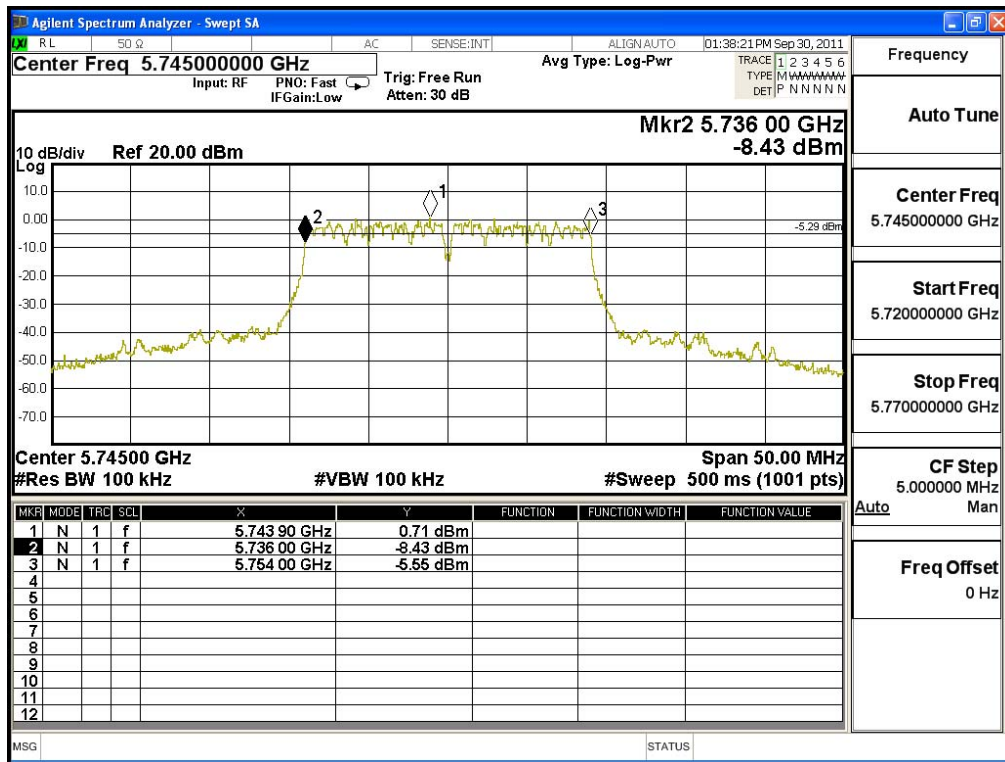
± 150Hz

7.6. Test Result of Occupied Bandwidth

Product : WHDI Tx board
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit (31.5Mbps 20MBW) (5745MHz)

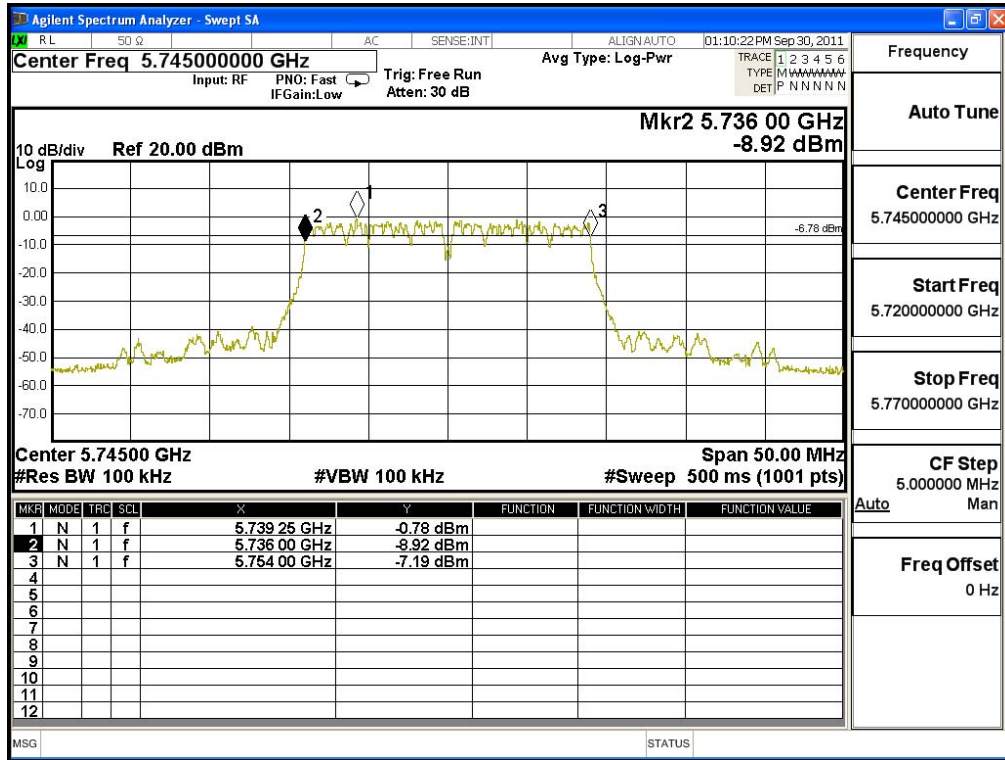
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	18000	>500	Pass

Figure Channel 149: (Chain A)



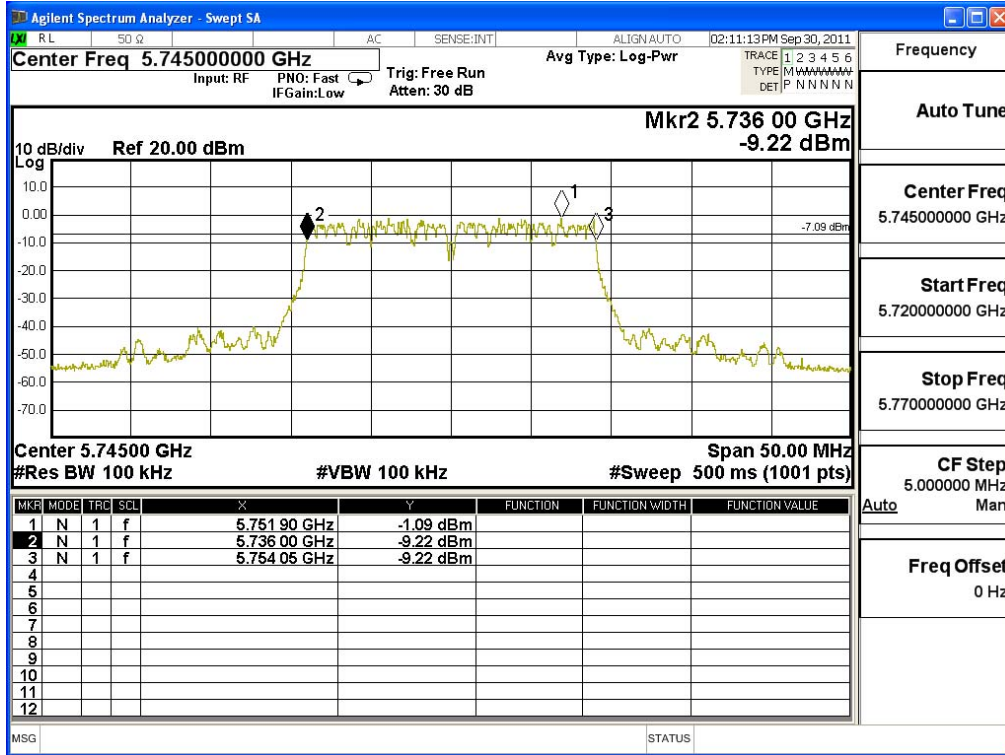
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	18000	>500	Pass

Figure Channel 149: (Chain B)



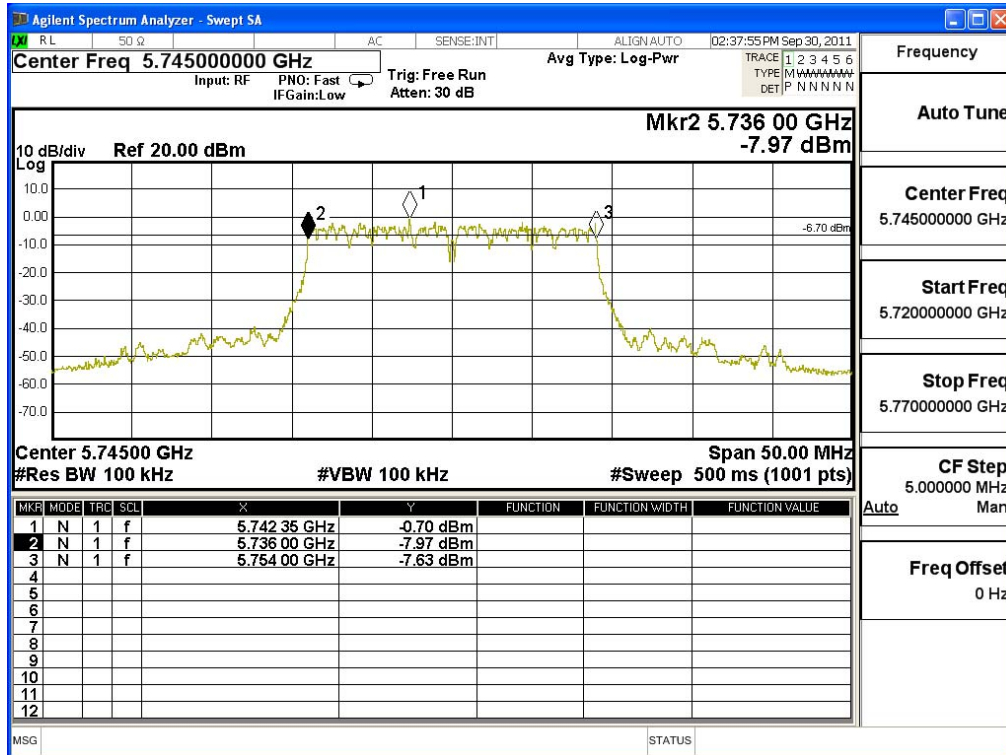
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	18050	>500	Pass

Figure Channel 149: (Chain C)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	18000	>500	Pass

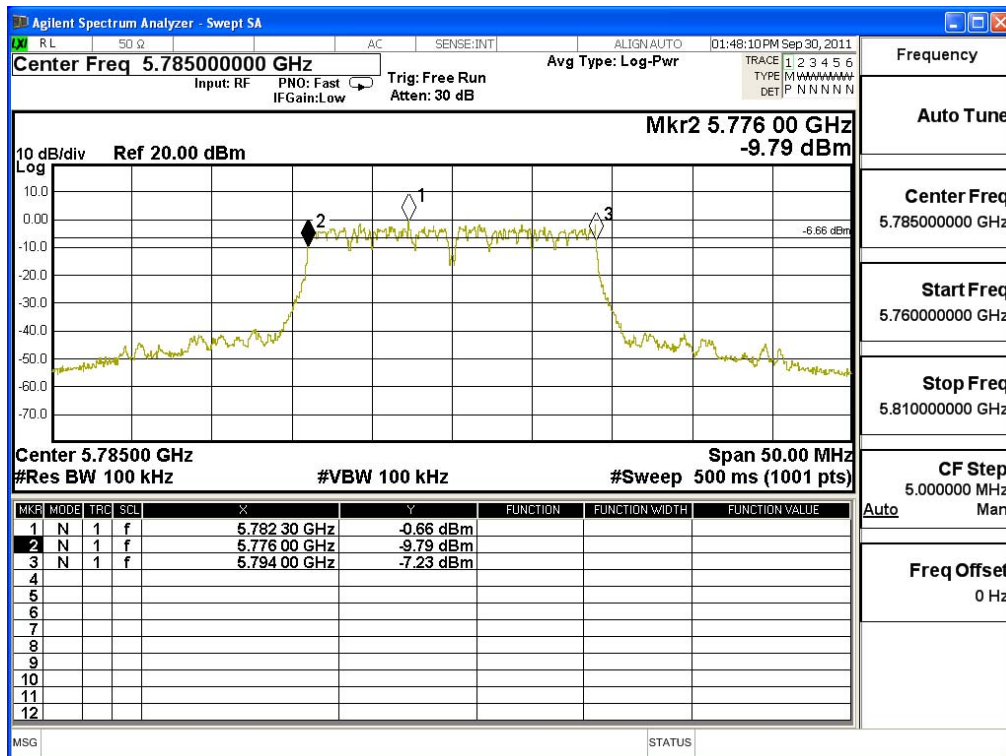
Figure Channel 149: (Chain D)



Product : WHDI Tx board
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit (31.5Mbps 20MBW) (5785MHz)

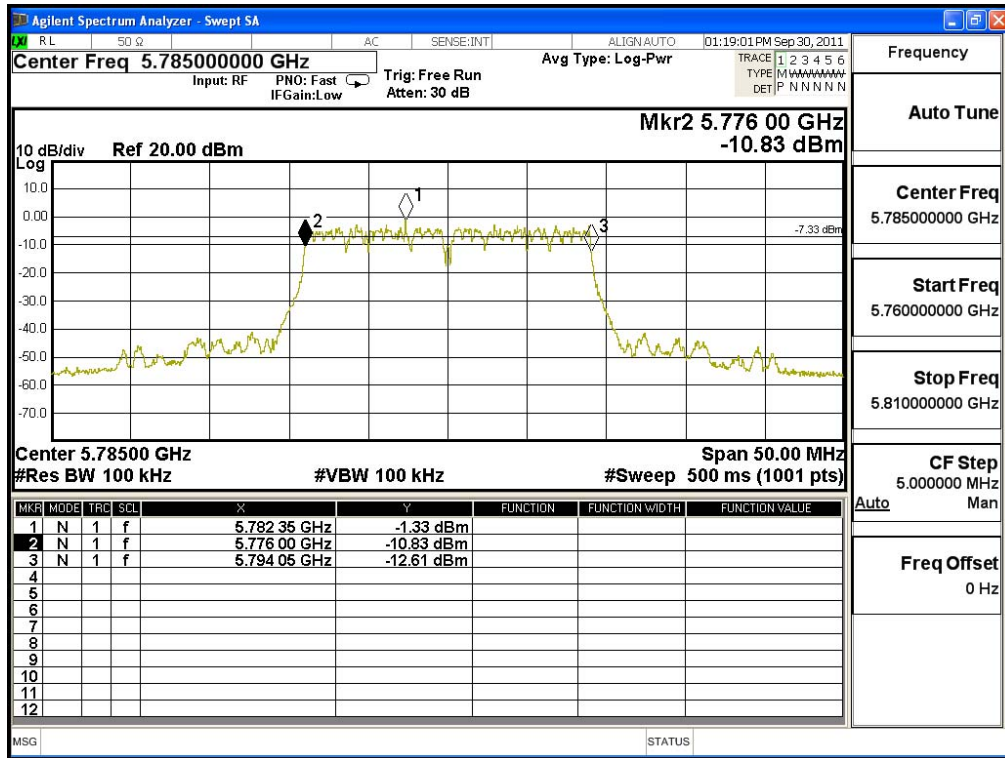
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	18000	>500	Pass

Figure Channel 157: (Chain A)



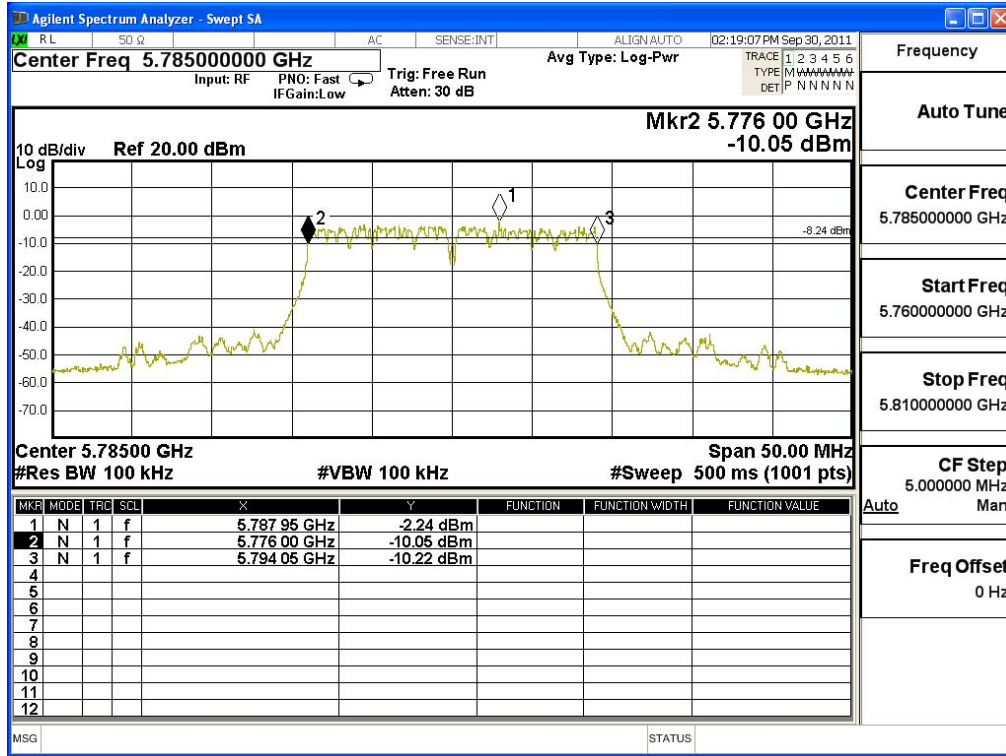
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	18050	>500	Pass

Figure Channel 157: (Chain B)



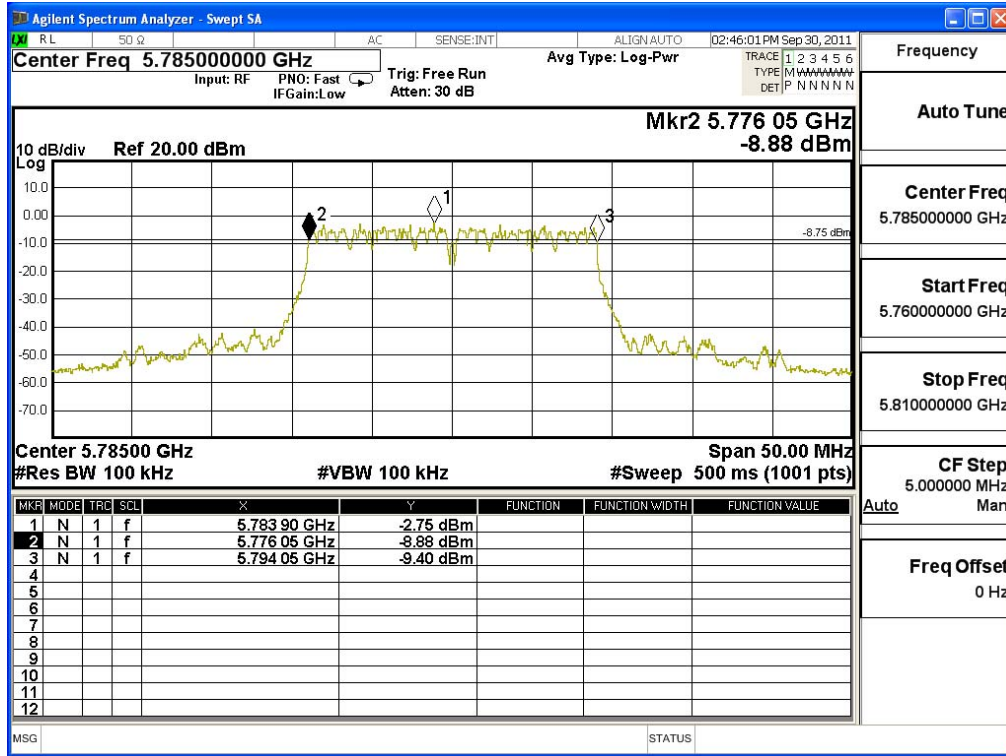
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	18050	>500	Pass

Figure Channel 157: (Chain C)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	18000	>500	Pass

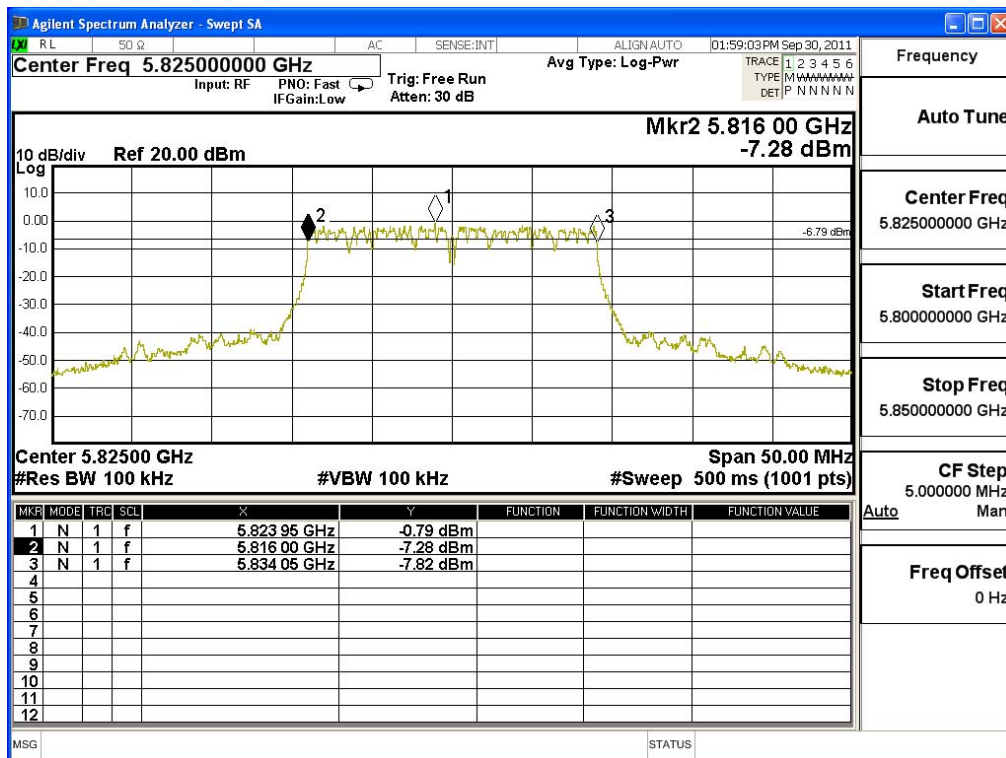
Figure Channel 157: (Chain D)



Product : WHDI Tx board
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit (31.5Mbps 20MBW) (5825MHz)

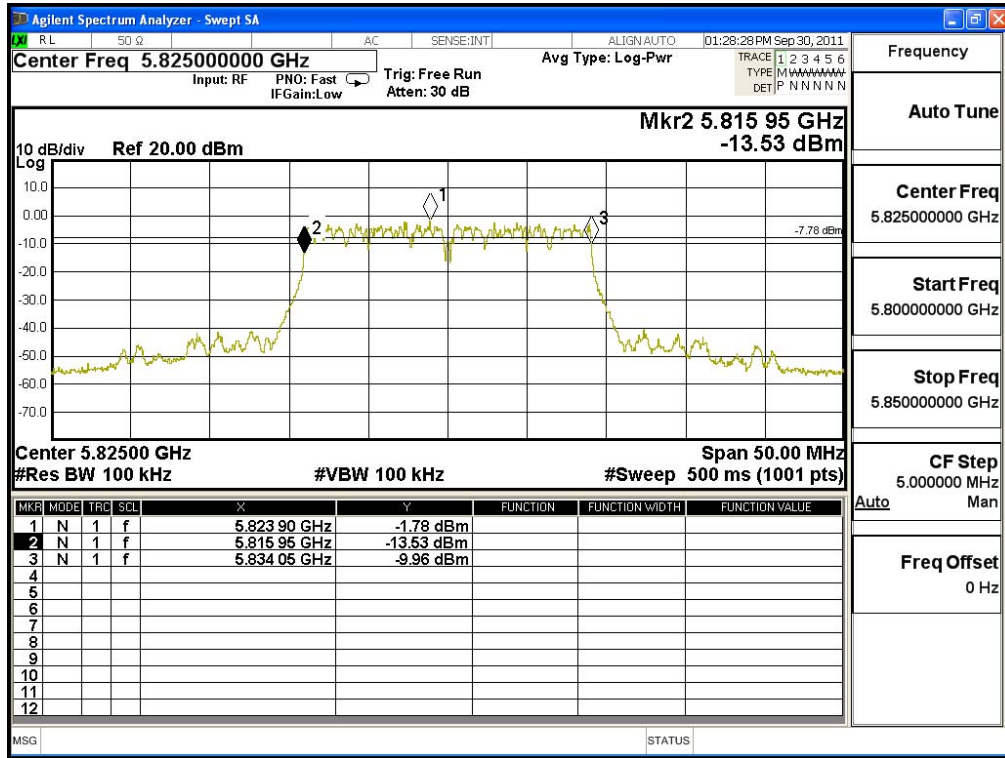
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	18050	>500	Pass

Figure Channel 165: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	18100	>500	Pass

Figure Channel 165: (Chain B)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	18000	>500	Pass

Figure Channel 165: (Chain C)

