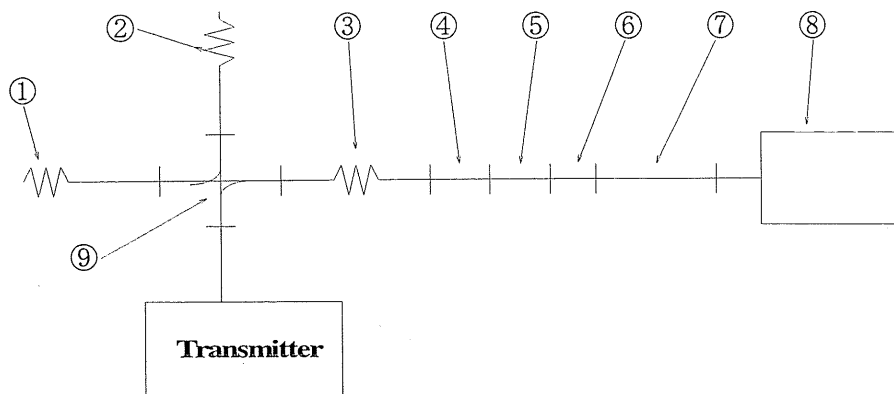


Condition 12.0 – 28.0 GHz



1. Dummy Load	4D104	Shimada
2. High power Dummy Load	WTM-6910	MANUF NIHON KOSHUHA
3. Attenuator	X382A	HP
4. Taperd W/G	195-X KU	AIRCOM
5. Taperd W/G	11518A	HP
6. Adapter	R281A	HP
7. Coaxial Cable	SF101	HUBER+SUHNER
8. Spectrum Analyzer	8565EC	HP
9. Directional Coupler	50351	Shimada

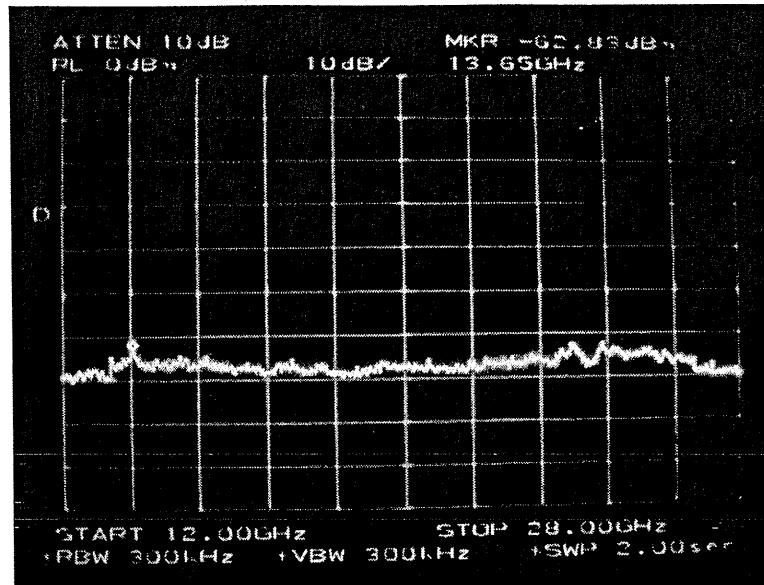
Coupling -20 dB

Attenuation 3 : 40 dB

Measurement Point : Transmitter Output

(Sec. 2.991)

Scale  
↑ 10dB/Div  
→ 1.6GHz/Div

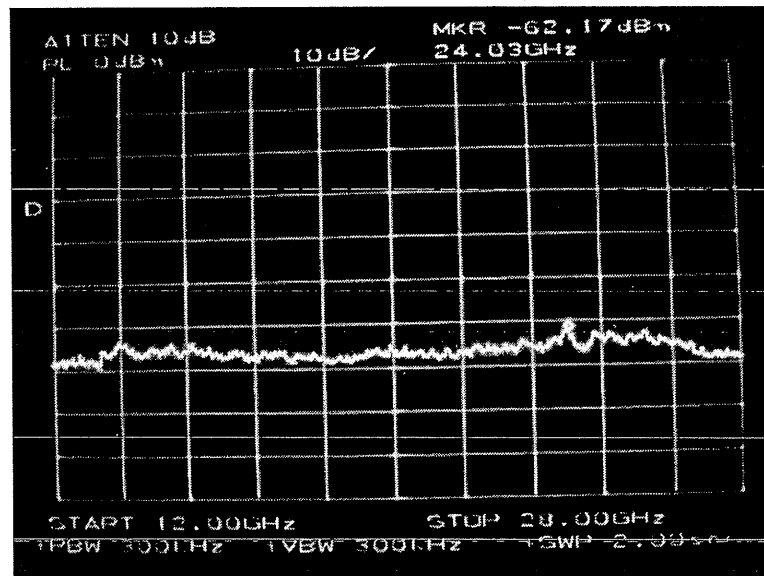


Spurious  
Signal

Ambient

12 to 28 GHz

Scale  
↑ 10dB/Div  
→ 1.6GHz/Div

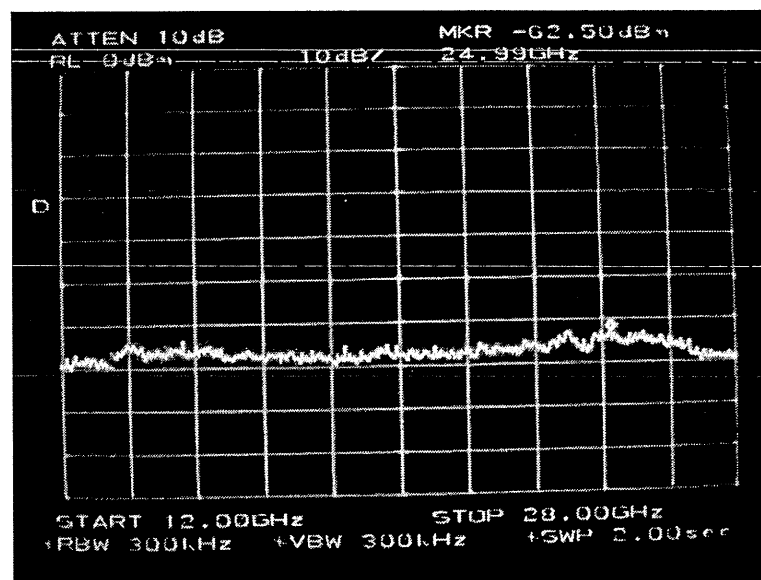


Spurious  
Signal

Stand-By

12 to 28 GHz

Scale  
↑ 10dB/Div  
→ 1.6GHz/Div



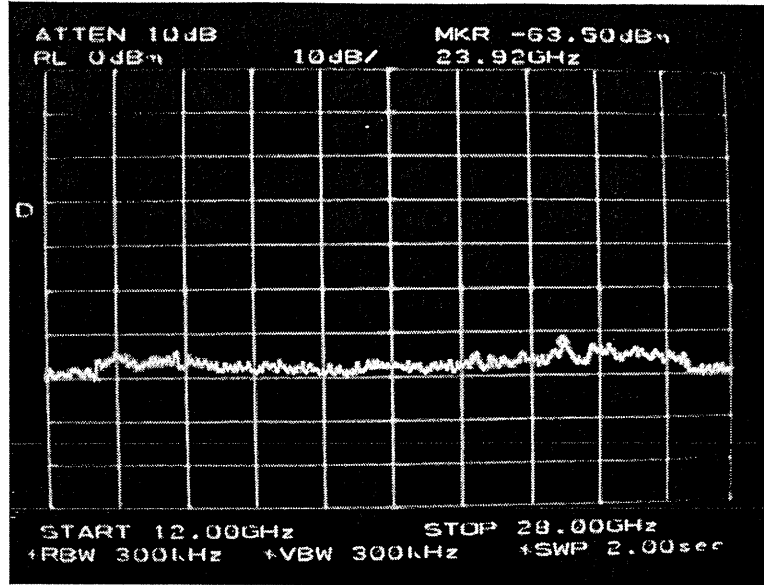
Spurious  
Signal

0.08 μS Pulse

12 to 28 GHz

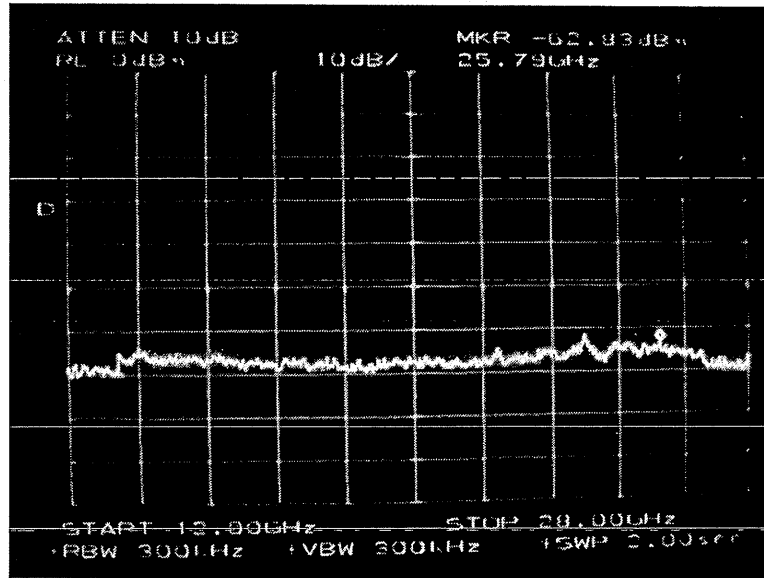
(Sec. 2.991)

Scale  
↑ 10dB/Div  
→ 1.6GHz/Div



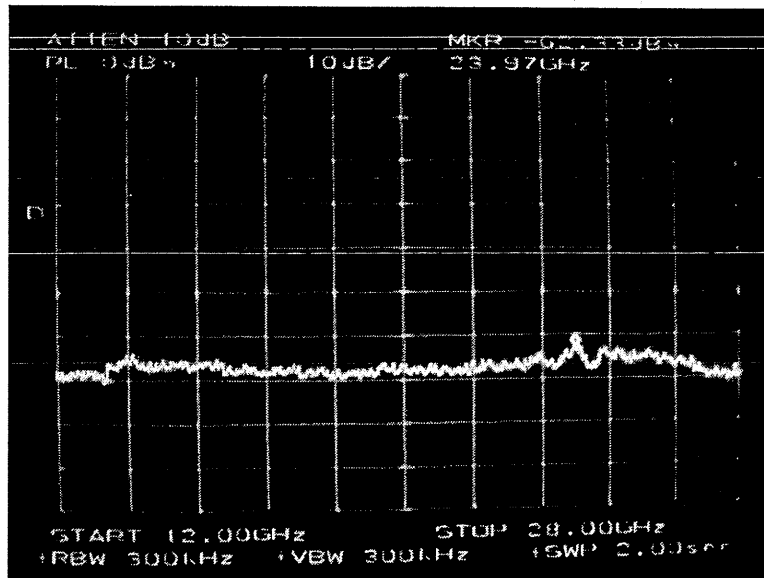
Spurious  
Signal  
0.2  $\mu$ S Pulse  
12 to 28 GHz

Scale  
↑ 10dB/Div  
→ 1.6GHz/Div



Spurious  
Signal  
0.4  $\mu$ S Pulse  
12 to 28 GHz

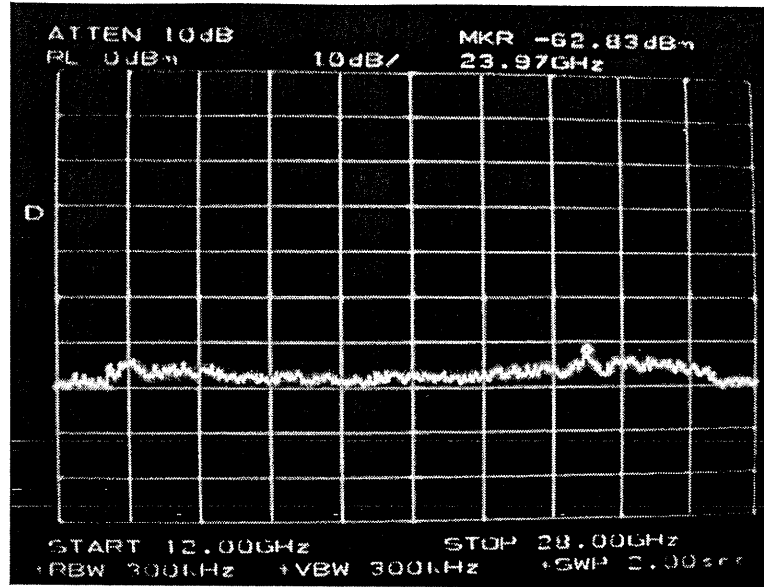
Scale  
↑ 10dB/Div  
→ 1.6GHz/Div



Spurious  
Signal  
0.8  $\mu$ S Pulse  
12 to 28 GHz

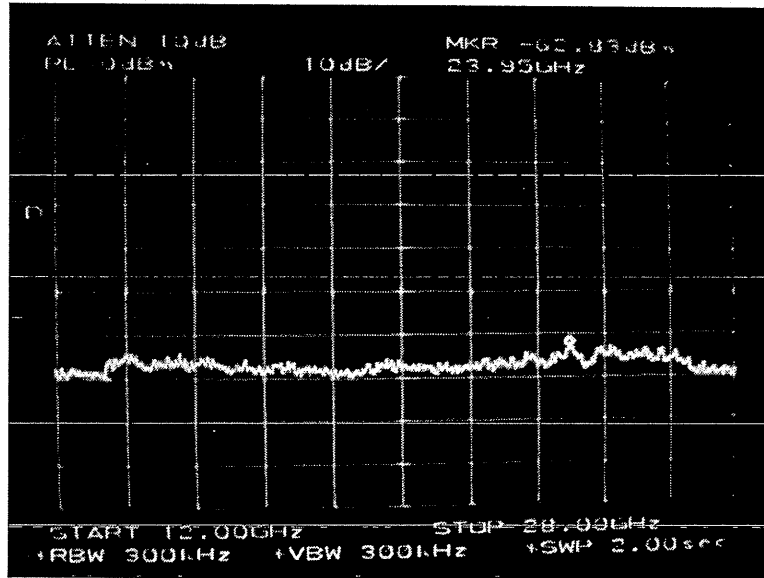
(Sec. 2.991)

Scale  
↑ 10dB/Div  
→ 1.6GHz/Div



Spurious  
Signal  
1.0  $\mu$ S Pulse  
12 to 28 GHz

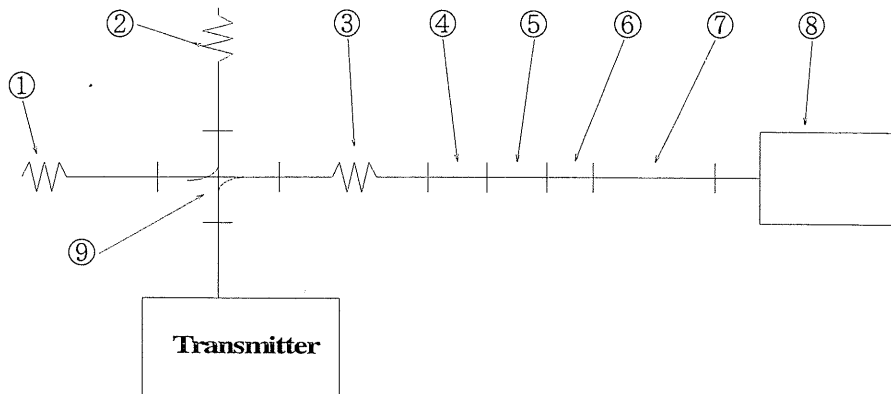
Scale  
↑ 10dB/Div  
→ 1.6GHz/Div



Spurious  
Signal  
1.2  $\mu$ S Pulse  
12 to 28 GHz

(Sec. 2.991) 3.0 Spurious signals at antenna port

Condition 28.0 – 50.0 GHz



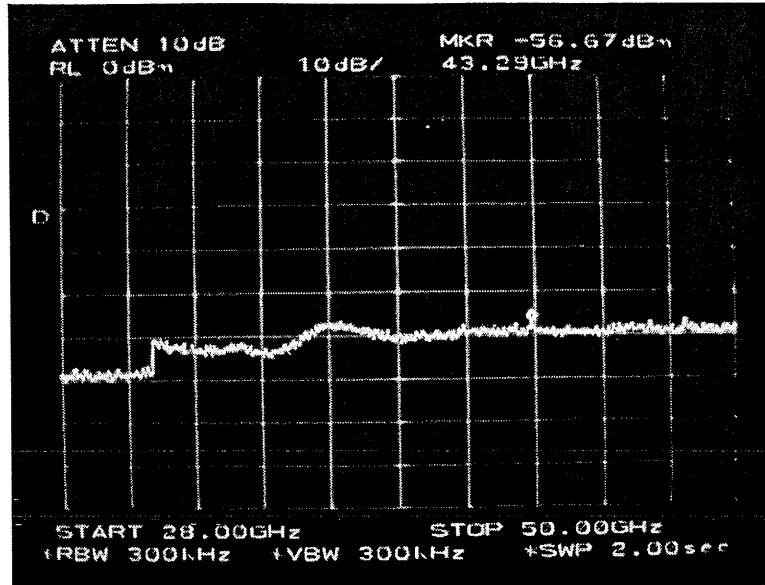
1. Dummy Load	4D104	Shimada
2. high power Dummy Load	WTM-6910	MANUF NIHON KOSHUHA
3. Attenuator	X382C	HP
4. Taperd W/G	195-X KU	AIRCOM
5. Taperd W/G	11518A	HP
	11520A	HP
6. Adapter	22093-KF20	FLANN
7. Coaxial Cable	SF101	HUBER+SUHNER
8. Spectrum Analyzer	8565EC	HP
9. Directional Coupler	50351	Shimada
	Coupling -20 dB	

Attenuation 3 : 40 dB

Measurement Point : Transmitter Output

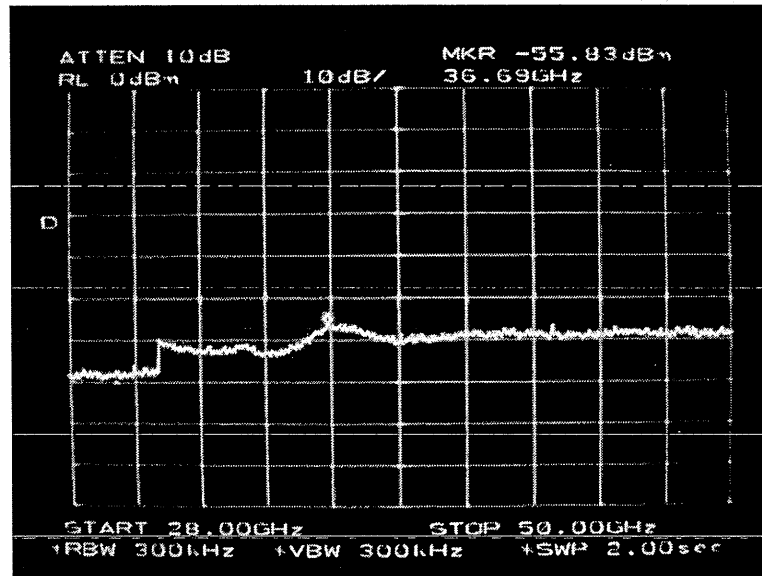
(Sec. 2.991)

Scale  
↑ 10dB/Div  
→ 2.2GHz/Div



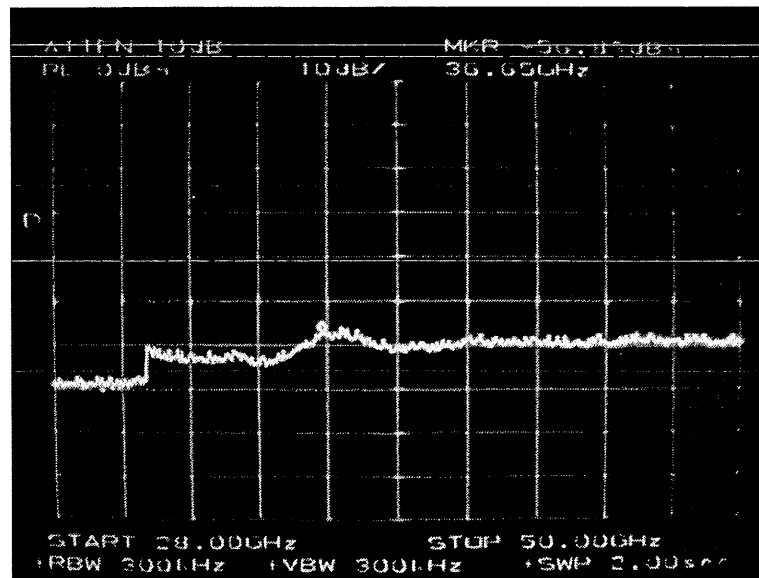
Spurious  
Signal  
  
Ambient  
  
28 to 50 GHz

Scale  
↑ 10dB/Div  
→ 2.2GHz/Div



Spurious  
Signal  
  
Stand-By  
  
28 to 50 GHz

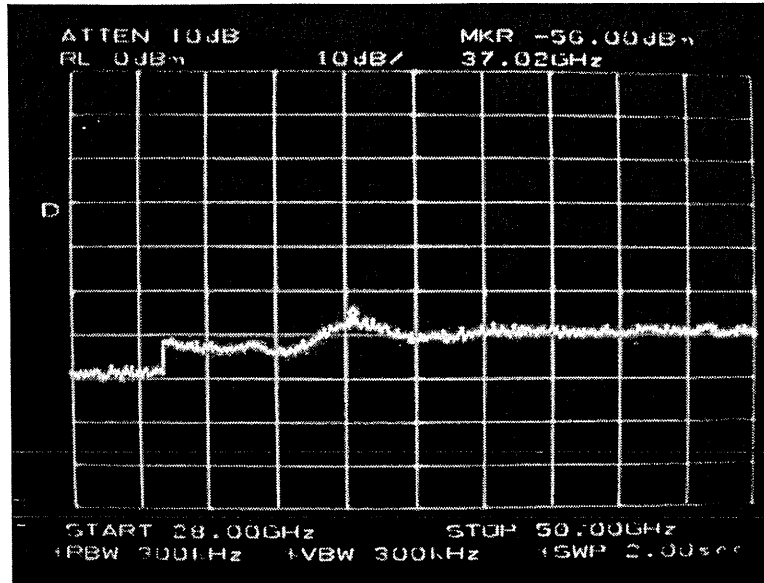
Scale  
↑ 10dB/Div  
→ 2.2GHz/Div



Spurious  
Signal  
  
0.08  $\mu$ S Pulse  
  
28 to 50 GHz

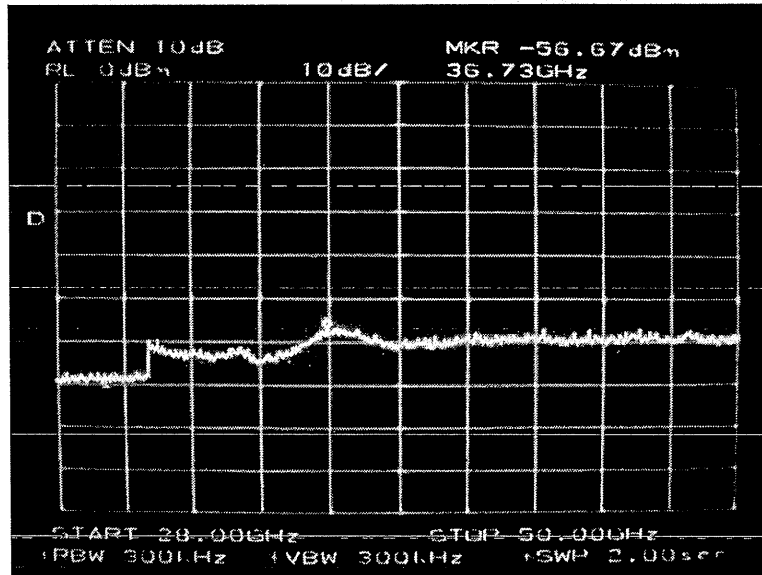
(Sec. 2.991)

Scale  
↑ 10dB/Div  
→ 2.2GHz/Div



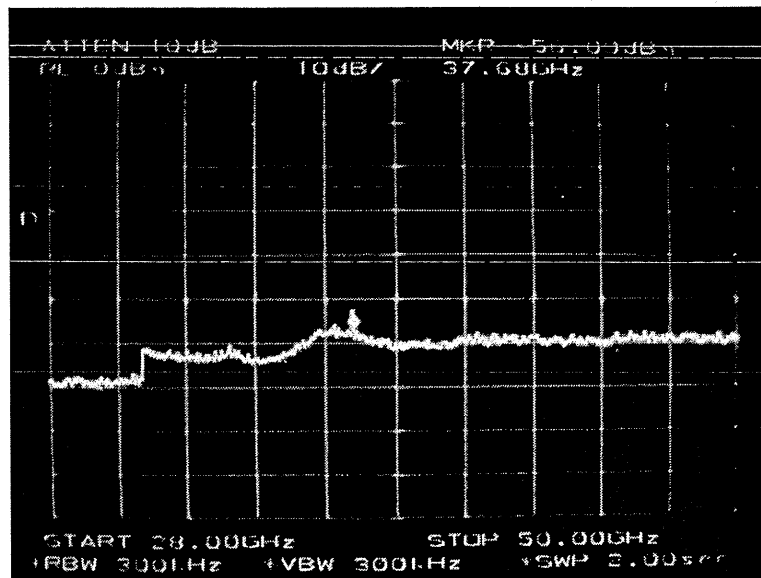
Spurious  
Signal  
0.2  $\mu$  S Pulse  
28 to 50 GHz

Scale  
↑ 10dB/Div  
→ 2.2GHz/Div



Spurious  
Signal  
0.4  $\mu$  S Pulse  
28 to 50 GHz

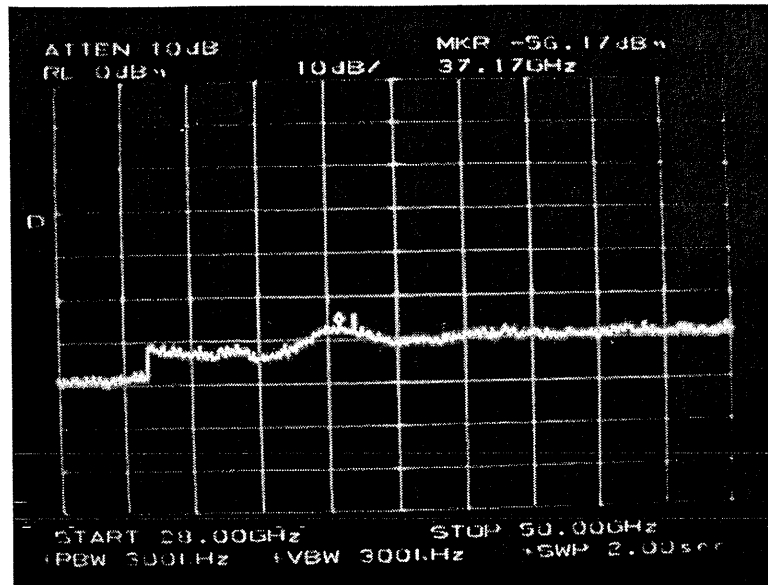
Scale  
↑ 10dB/Div  
→ 2.2GHz/Div



Spurious  
Signal  
0.8  $\mu$  S Pulse  
28 to 50 GHz

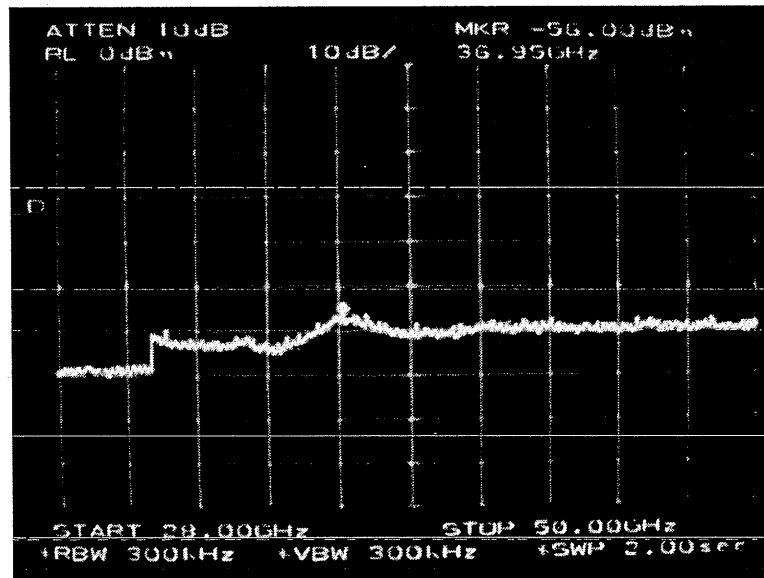
(Sec. 2.991)

Scale  
↑ 10dB/Div  
→ 2.2GHz/Div



Spurious  
Signal  
1.0  $\mu$ S Pulse  
28 to 50 GHz

Scale  
↑ 10dB/Div  
→ 2.2GHz/Div



Spurious  
Signal  
1.2  $\mu$ S Pulse  
28 to 50 GHz