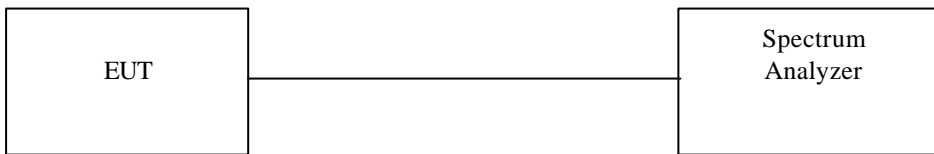


6.2 Peak Power Spectral Density [Section 15.407(a)(1)(2)(3)]

6.2.1 Test Procedure

1. The Transmitter output of EUT was connected to the spectrum analyzer.
 Equipment mode: Spectrum analyzer
 Detector function: Peak mode
 SPAN: 30MHz or 50MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep time: 30 or 50 sec.
 Center frequency: fundamental frequency tested
2. Peak search was read to the peak power after maximum hold function is completed.

6.2.2 Test Setup



6.2.3 Test Data: (Normal Mode)

Maximum Peak Output Power Density

Temp. (deg. C): 25
 Humidity (%): 50
 Test Engr: Mailes Hsieh

Channel	Frequency (Mhz)	Spectrum Reading (dBm)	Cable Loss(dB)	Peak Power Output dBm/MHz)	Limit (dBm/Mhz)	Pass/Fail
1	5180	2.22	1.20	3.42	4.00	Pass
4	5240	2.45	1.20	3.65	4.00	Pass
5	5260	9.48	1.20	10.68	11.00	Pass
8	5320	9.53	1.20	10.73	11.00	Pass
9	5745	8.79	1.20	9.99	17.00	Pass
12	5805	9.24	1.20	10.44	17.00	Pass

6.2.4 Test Data: (Turbo Mode)

Maximum Peak Output Power Density

Temp. (deg. C): 25

Test Engr: Mailes Hsieh

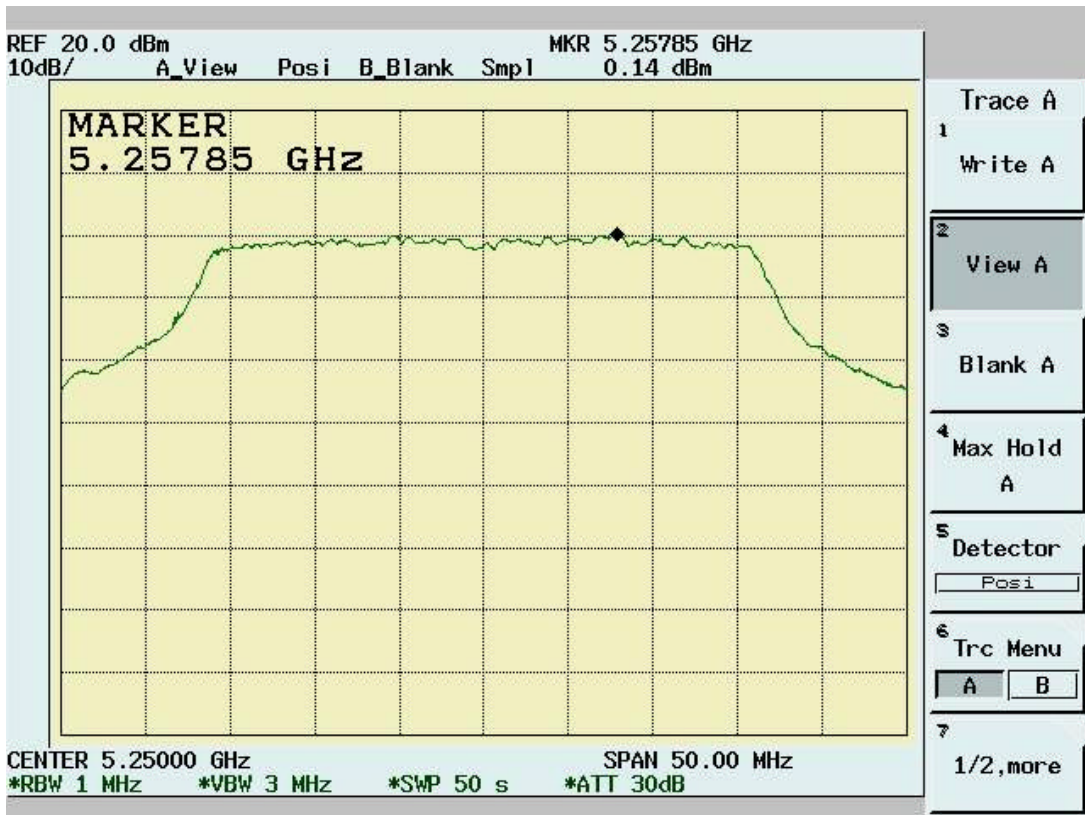
Humidity (%): 50

Channel	Frequency (Mhz)	Spectrum Reading (dBm)	Cable Loss(dB)	Peak Power Output dBm/MHz)	Limit (dBm/Mhz)	Pass/Fail
1	5210	0.48	1.20	1.68	4.00	Pass
2	5250	0.14	1.20	1.34	4.00	Pass
3	5290	4.07	1.20	5.27	11.00	Pass
4	5760	5.20	1.20	6.40	11.00	Pass
5	5800	1.00	1.20	2.20	17.00	Pass











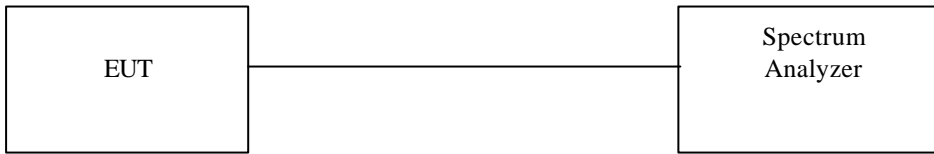


6.3 Peak Power Excursion Measurement [Section 15.407(a)(6)]

6.3.1 Test Procedure

1. The Transmitter output of EUT was connected to the spectrum analyzer.
2. Frequency SPAN of Spectrum: 30MHz or 50MHz.
3. Trace 1 : RBW: 1MHz, VBW: 3MHz. Using positive detector
4. Trace 2 : RBW: 1MHz, VBW: 3MHz. Using sample detector
5. Record the largest difference between Trace 1 and Trace 2.

6.3.2 Test Setup



6.3.3 Test Data: (Normal Mode)

Peak Power Excursion

Temp. (deg. C): 25

Test Engr: Mailes Hsieh

Humidity (%): 50

Channel	Frequency (Mhz)	Peak Power Excursion (dBm)	Limit dBm	Pass/Fail
1	5180	10.55	13	Pass
4	5240	11.95	13	Pass
5	5260	11.32	13	Pass
8	5320	12.05	13	Pass
9	5745	11.50	13	Pass
12	5805	11.38	13	Pass

6.3.4 Test Data: (Turbo Mode)

Peak Power Excursion

Temp. (deg. C): 25

Test Engr: Mailes Hsieh

Humidity (%): 50

Channel	Frequency (Mhz)	Peak Power Excursion (dBm)	Limit dBm	Pass/Fail
1	5210	9.27	13	Pass
2	5250	10.97	13	Pass
3	5290	10.76	13	Pass
4	5760	11.40	13	Pass
5	5800	10.24	13	Pass

