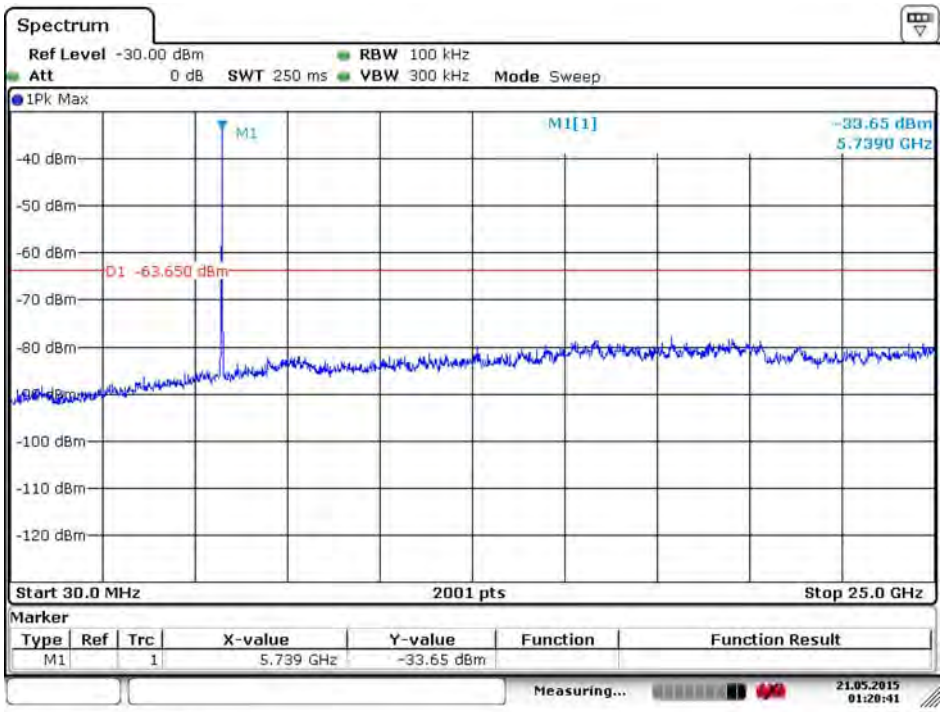
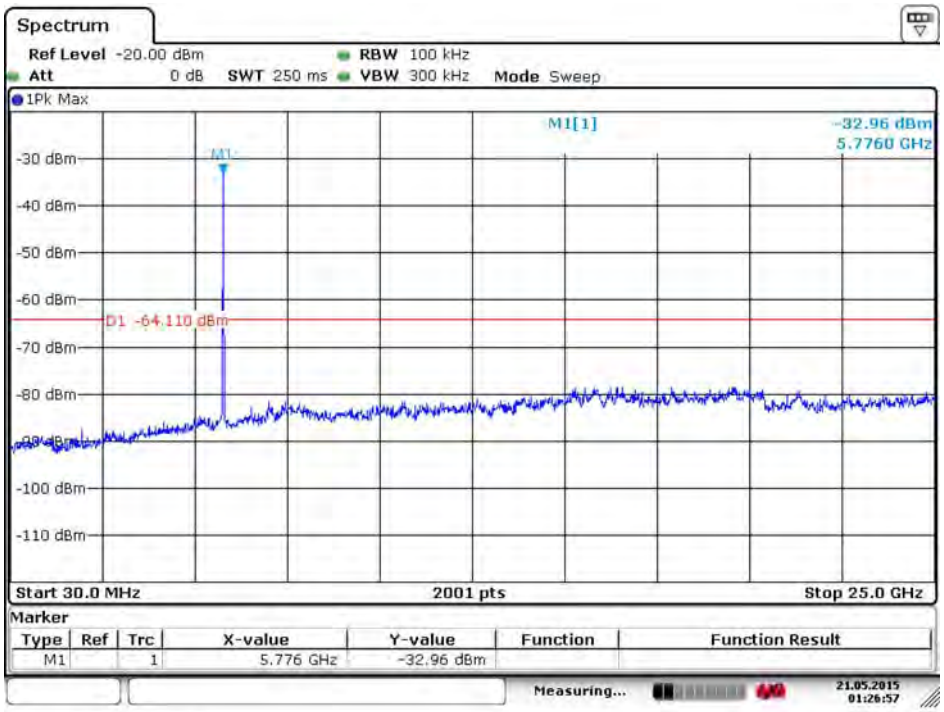
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

5745MHz (30MHz~25GHz)-802.11a



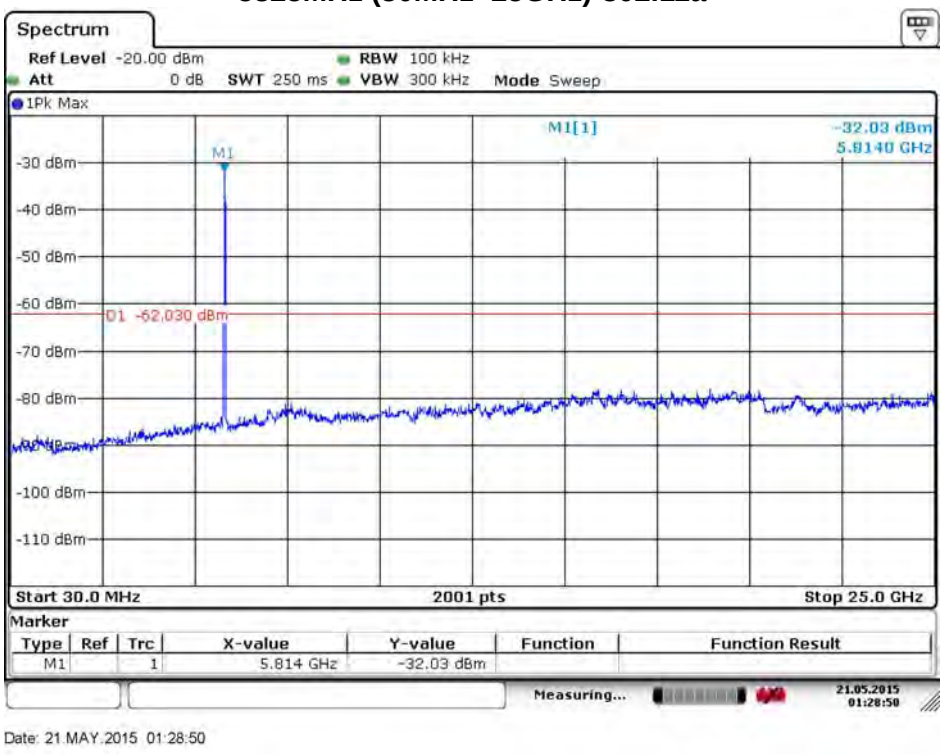
Date: 21.MAY.2015 01:20:41

5785MHz (30MHz~25GHz)-802.11a



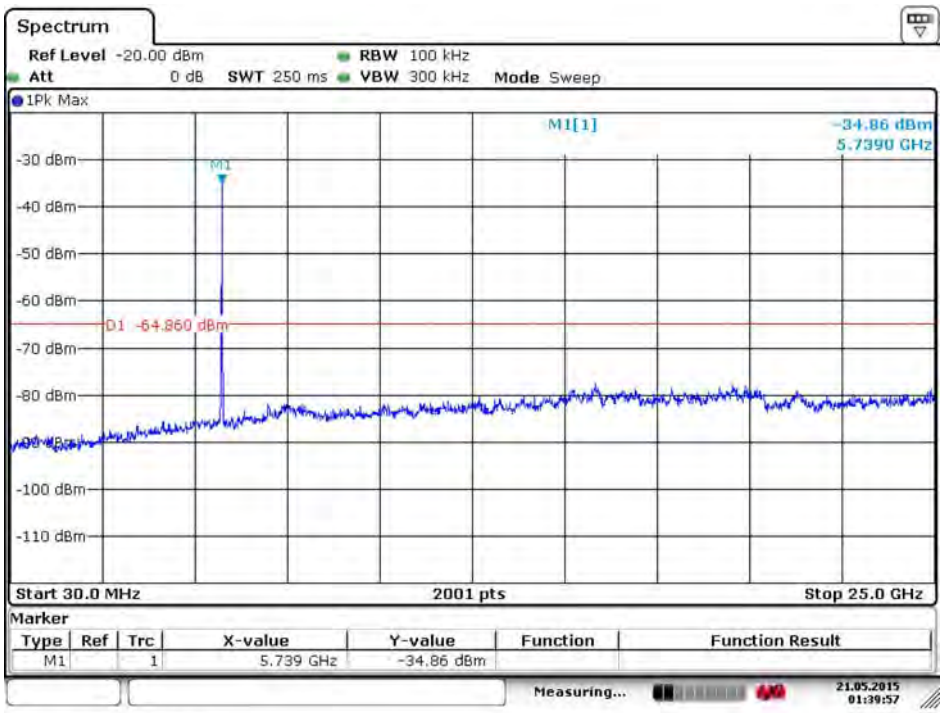
Date: 21.MAY.2015 01:26:57

5825MHz (30MHz~25GHz)-802.11a



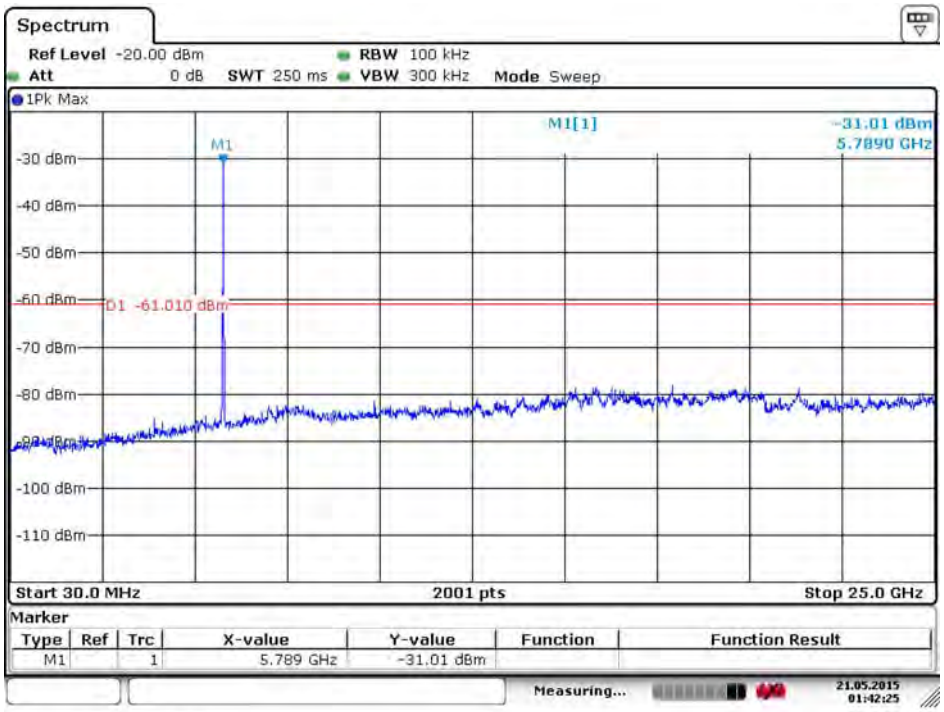
Date: 21.MAY.2015 01:28:50

5745MHz (30MHz~25GHz)- 802.11n(20MHz)



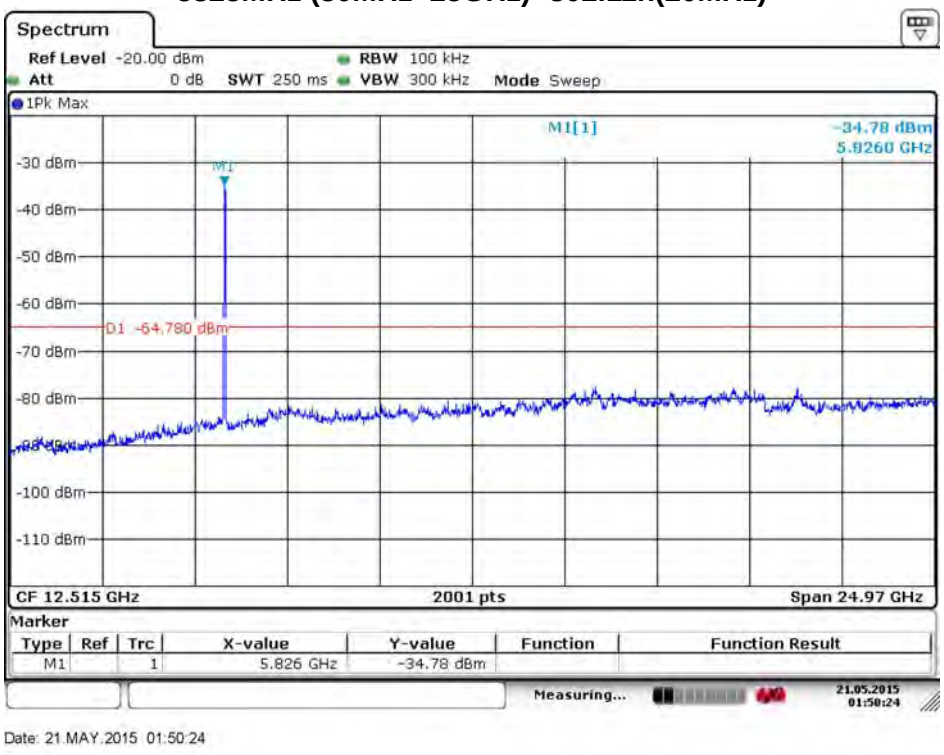
Date: 21.MAY.2015 01:39:57

5785MHz (30MHz~25GHz)- 802.11n(20MHz)



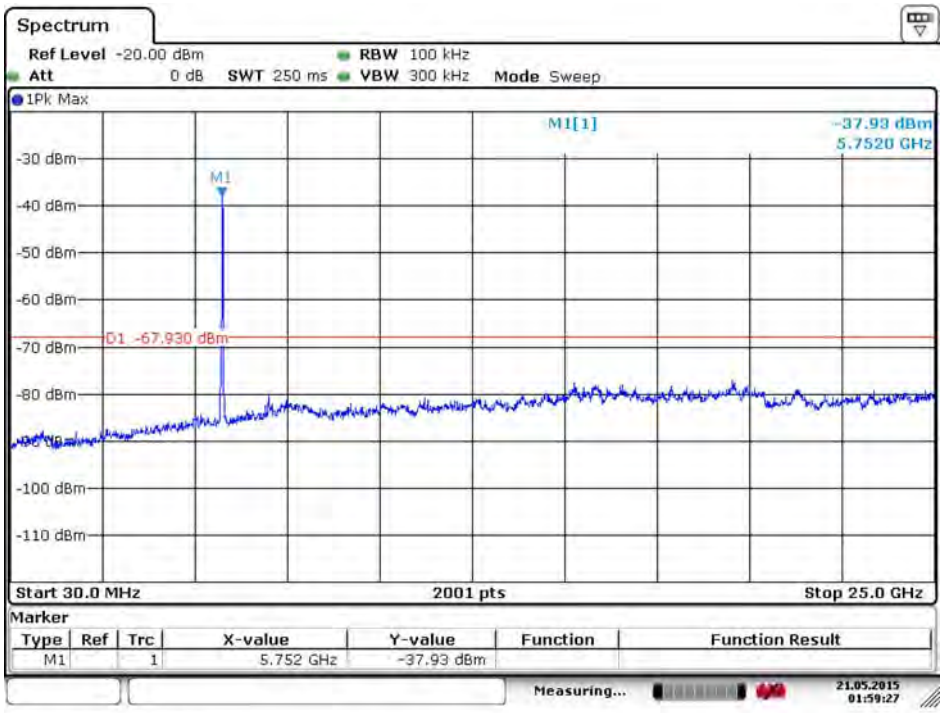
Date: 21.MAY.2015 01:42:25

5825MHz (30MHz~25GHz)- 802.11n(20MHz)



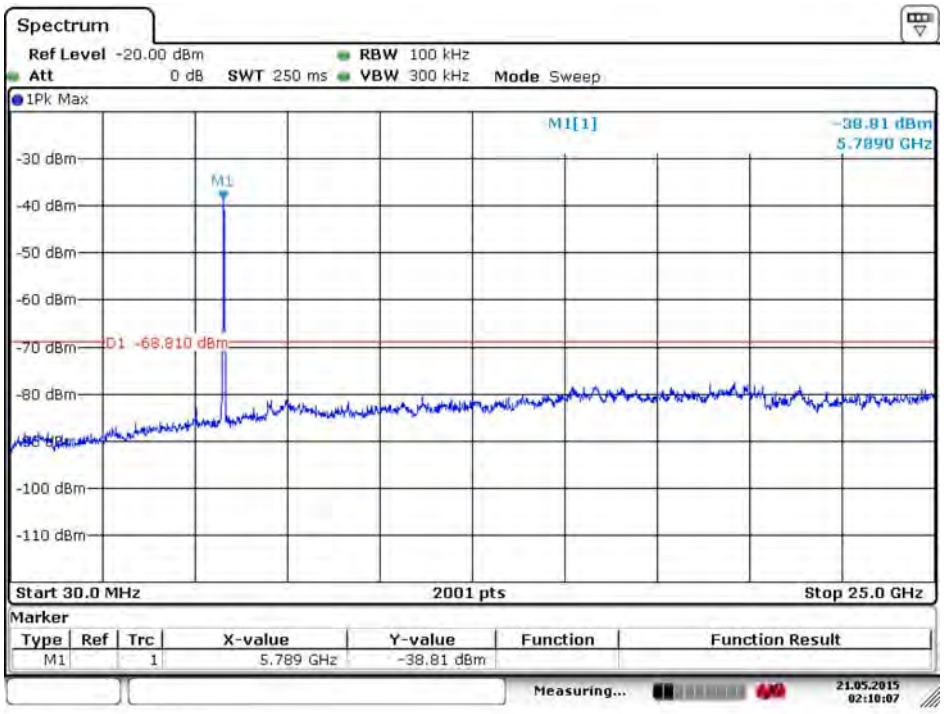
Date: 21.MAY.2015 01:50:24

5755MHz (30MHz~25GHz)- 802.11n(40MHz)



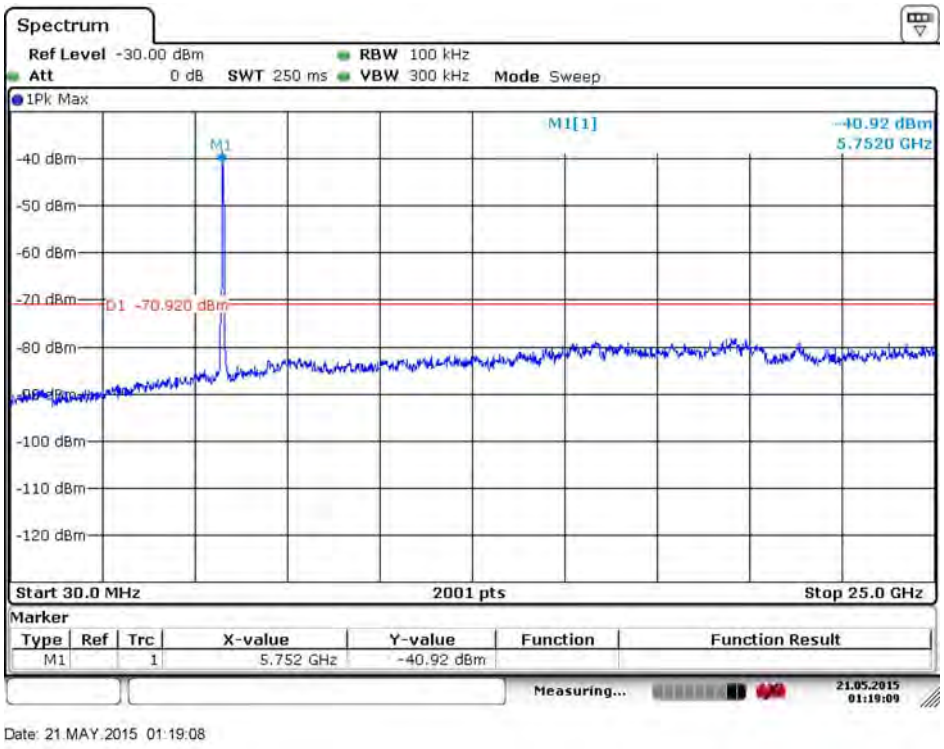
Date: 21.MAY.2015 01:59:28

5795MHz (30MHz~25GHz)- 802.11n(40MHz)



Date: 21.MAY.2015 02:10:07

5775MHz (30MHz~25GHz)- 802.11ac(80MHz)



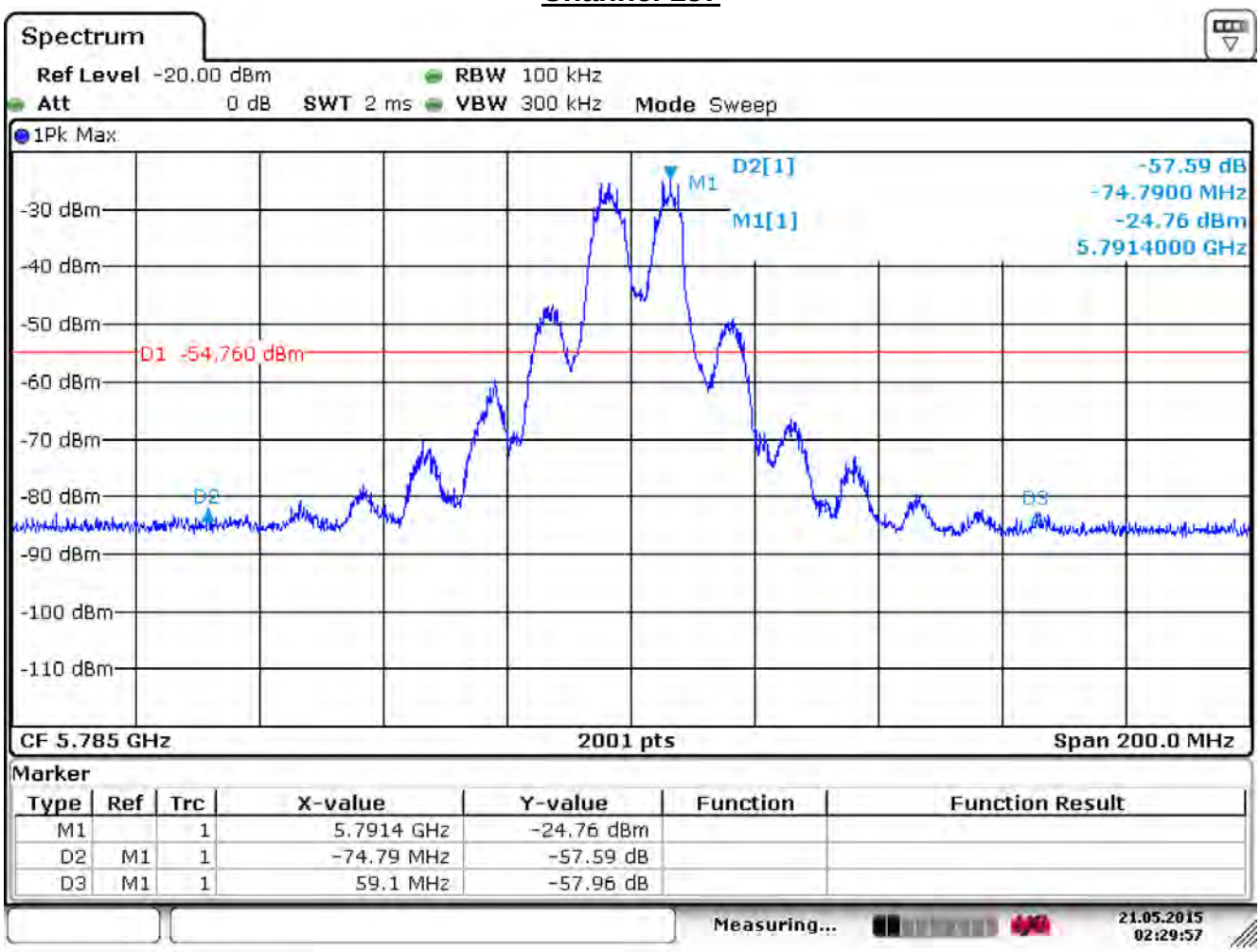
Date: 21.MAY.2015 01:19:08

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11a (ANT 0+1+2)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
149	5745	30.66	≧30	Pass
157	5785	57.59	≧30	Pass
165	5825	44.62	≧30	Pass

Channel 149

Channel 157



Date: 21.MAY.2015 02:29:58

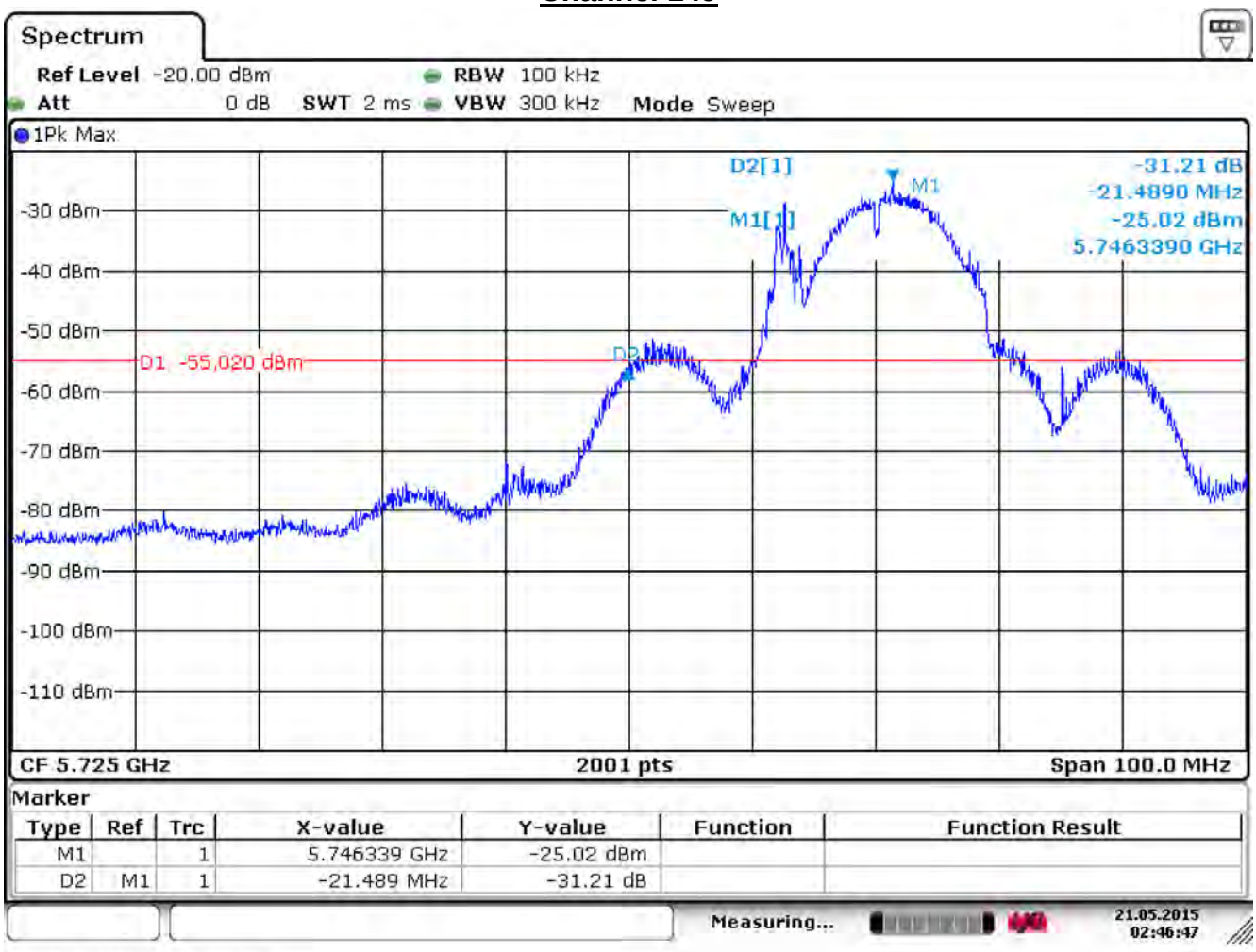
Channel 165

Date: 21.MAY.2015 02:59:07

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

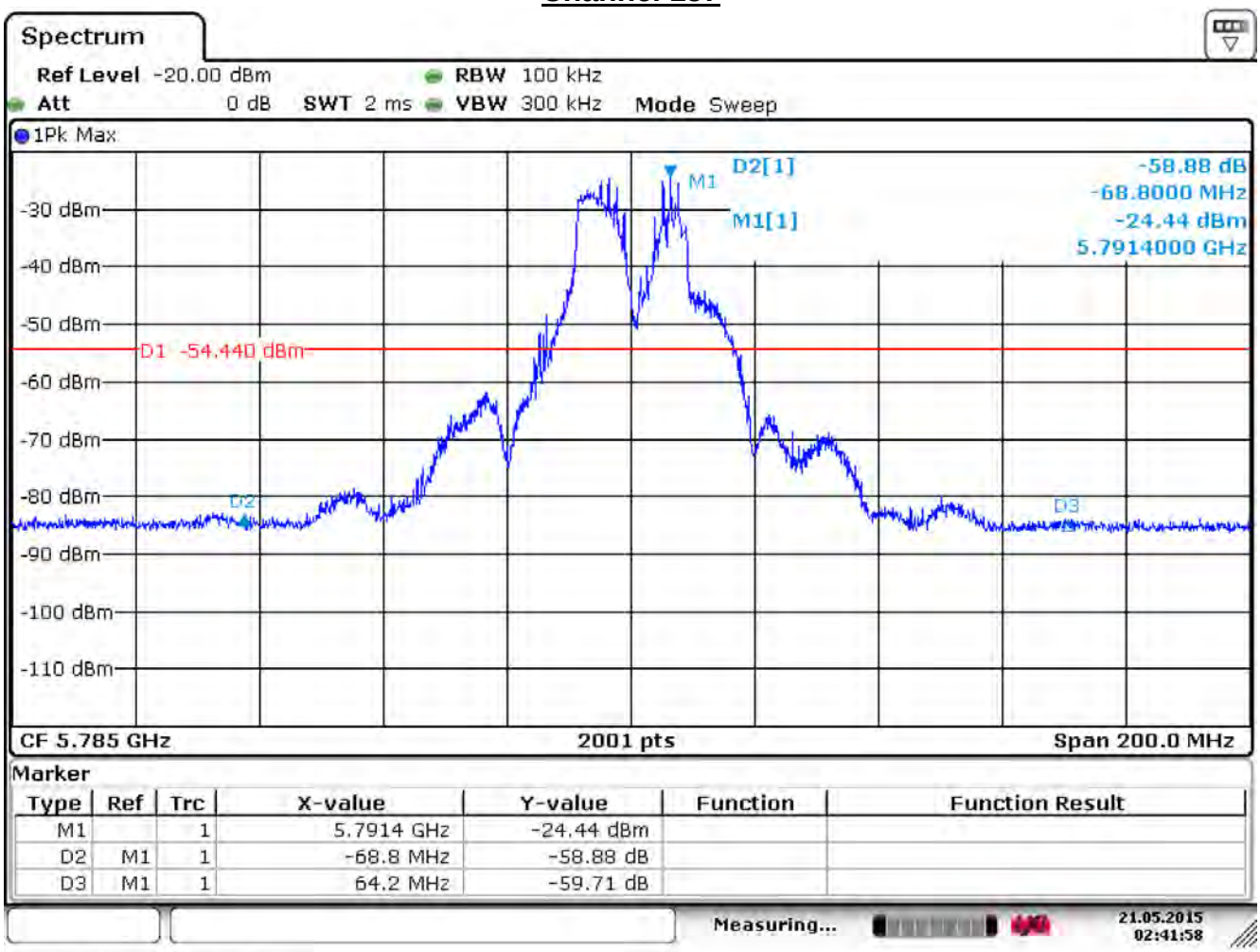
IEEE 802.11n (20MHz)(ANT 0+1+2)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
149	5745	31.21	≧30	Pass
157	5785	58.88	≧30	Pass
165	5825	46.26	≧30	Pass

Channel 149



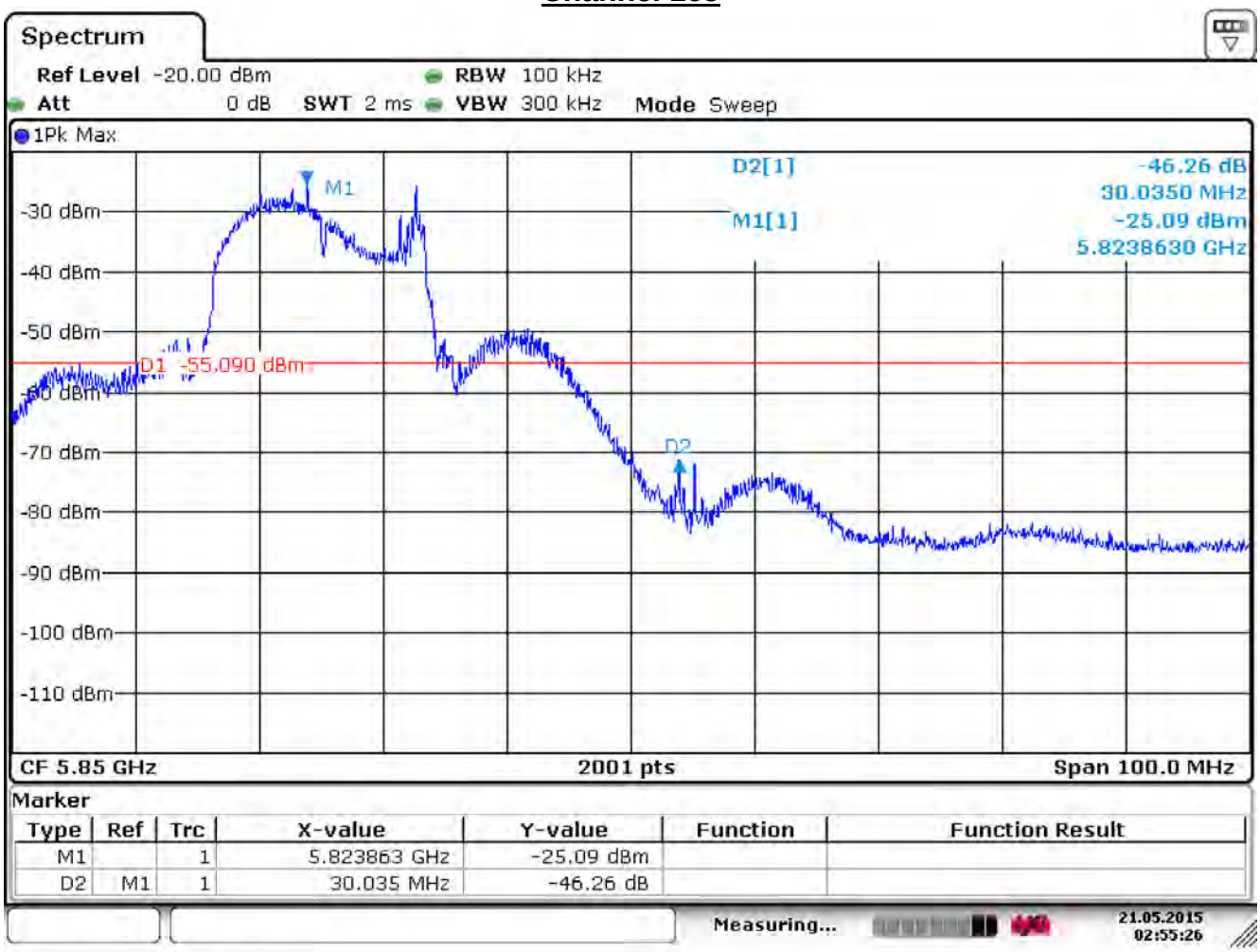
Date: 21.MAY.2015 02:46:48

Channel 157



Date: 21.MAY.2015 02:41:58

Channel 165



Date: 21.MAY.2015 02:55:26

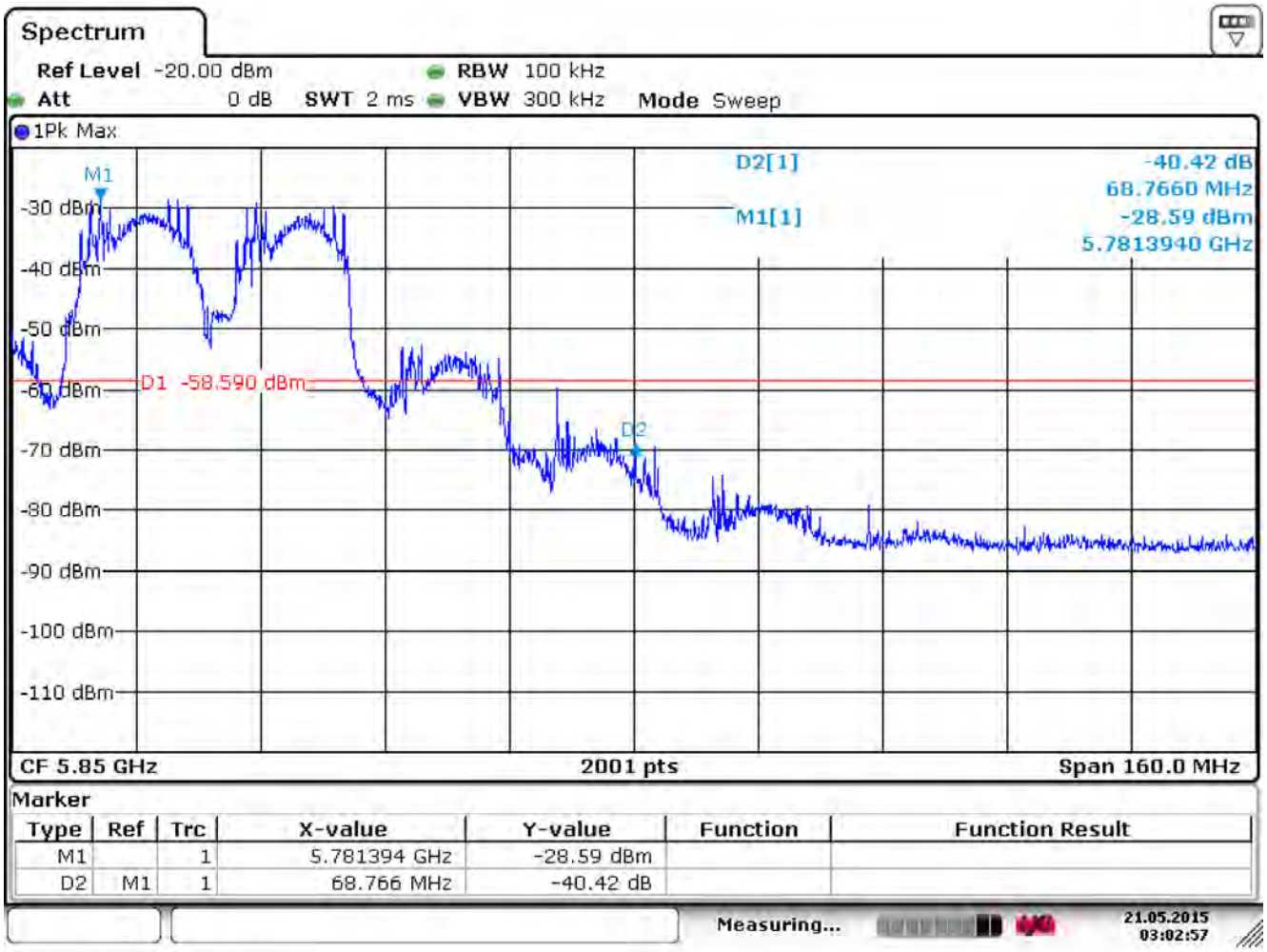
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0+1+2)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
151	5755	31.80	≧30	Pass
159	5795	40.42	≧30	Pass

Channel 151 (5755MHz)

Date: 21.MAY.2015 03:13:06

Channel 159 (5795MHz)

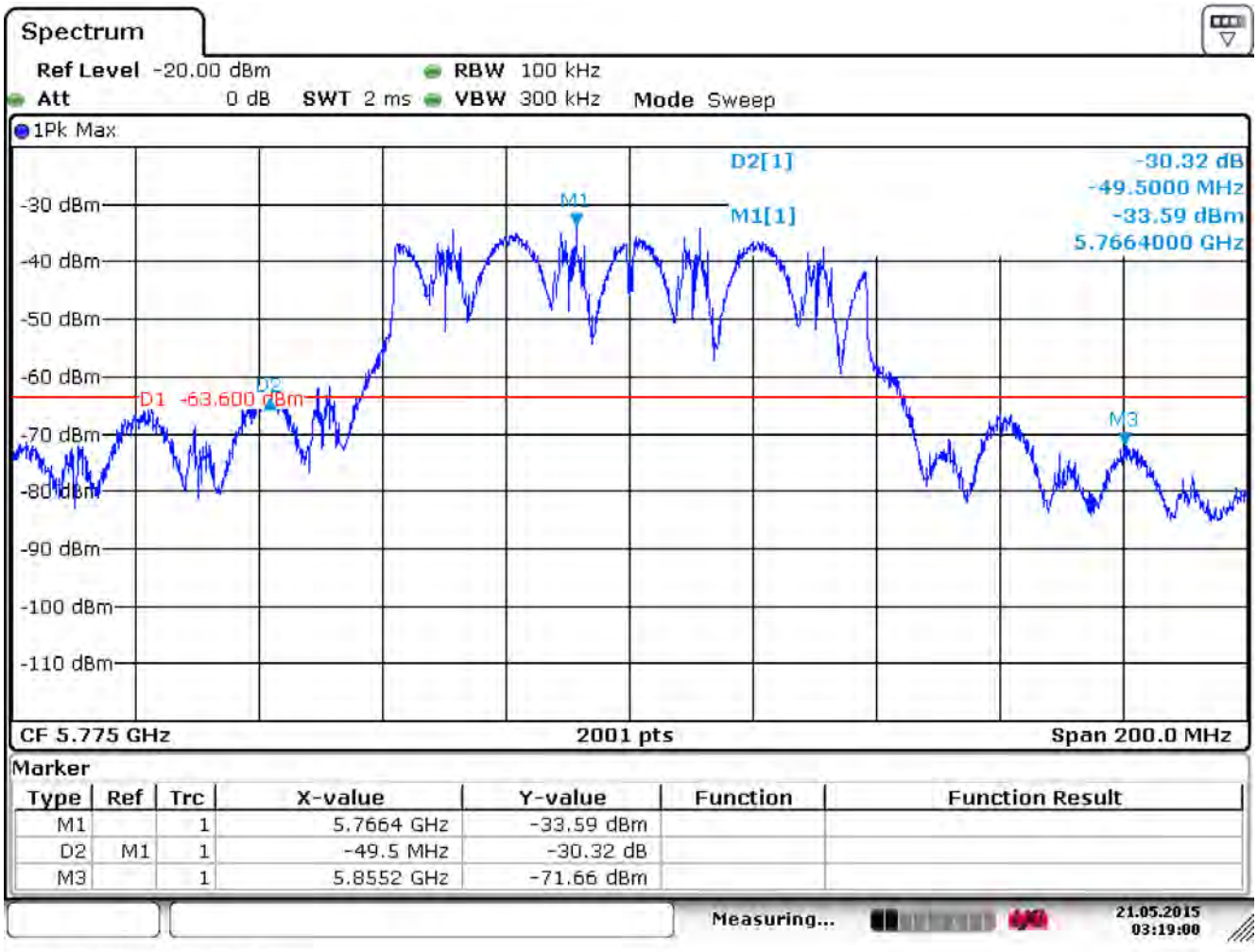


Date: 21.MAY.2015 03:02:57

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac (80MHz), (ANT 0+1+2)				
Channel	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
155	5775	30.32	≧30	Pass

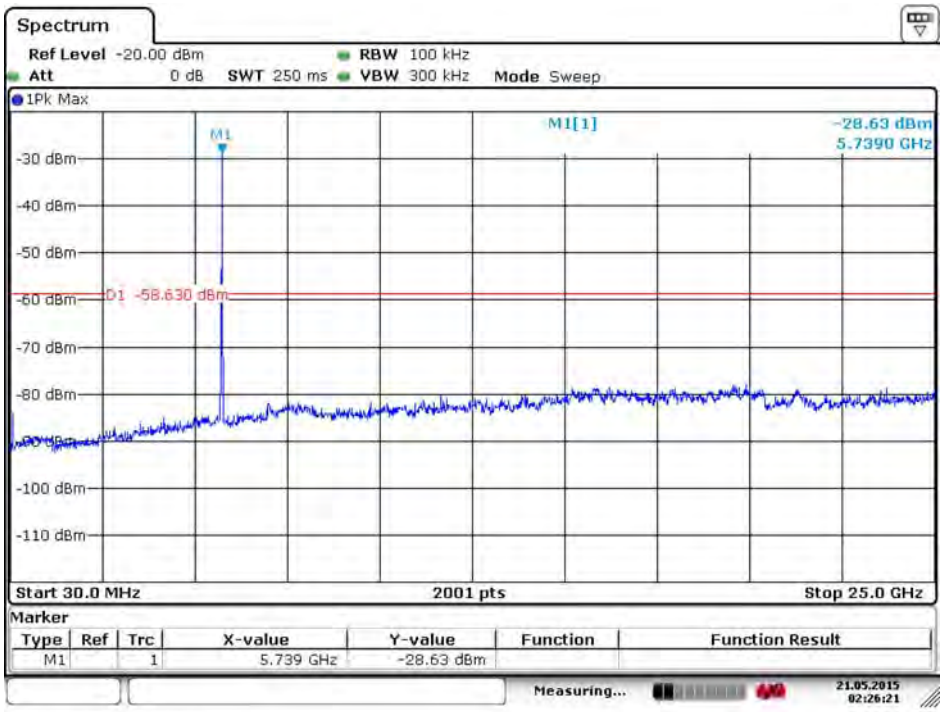
Channel 155 (5775MHz)



Date: 21.MAY.2015 03:19:00

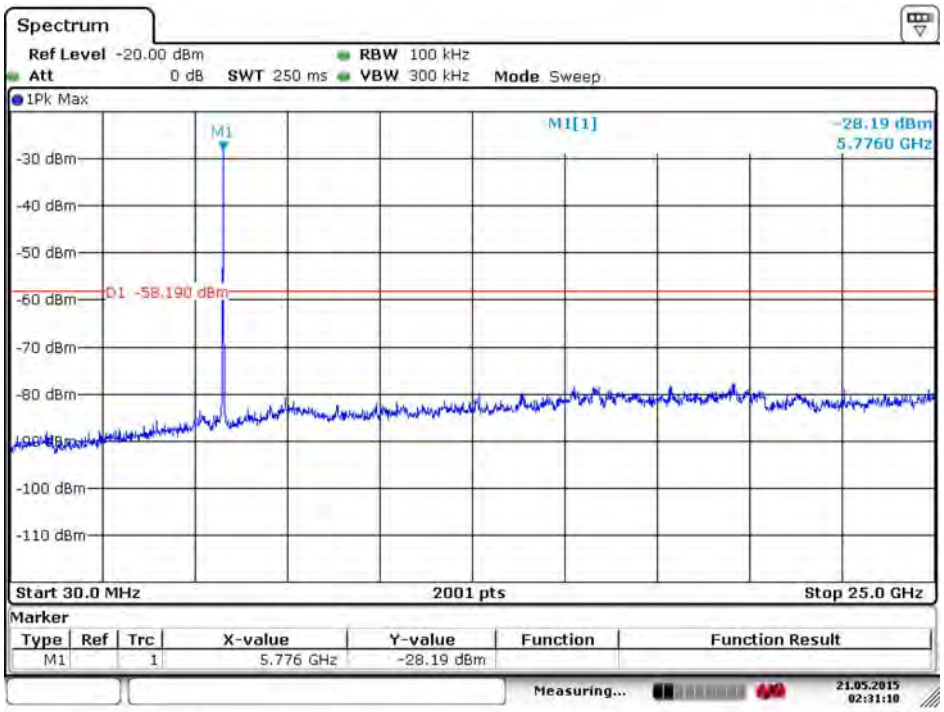
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	RF antenna conducted test		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

5745MHz (30MHz~25GHz)-802.11a



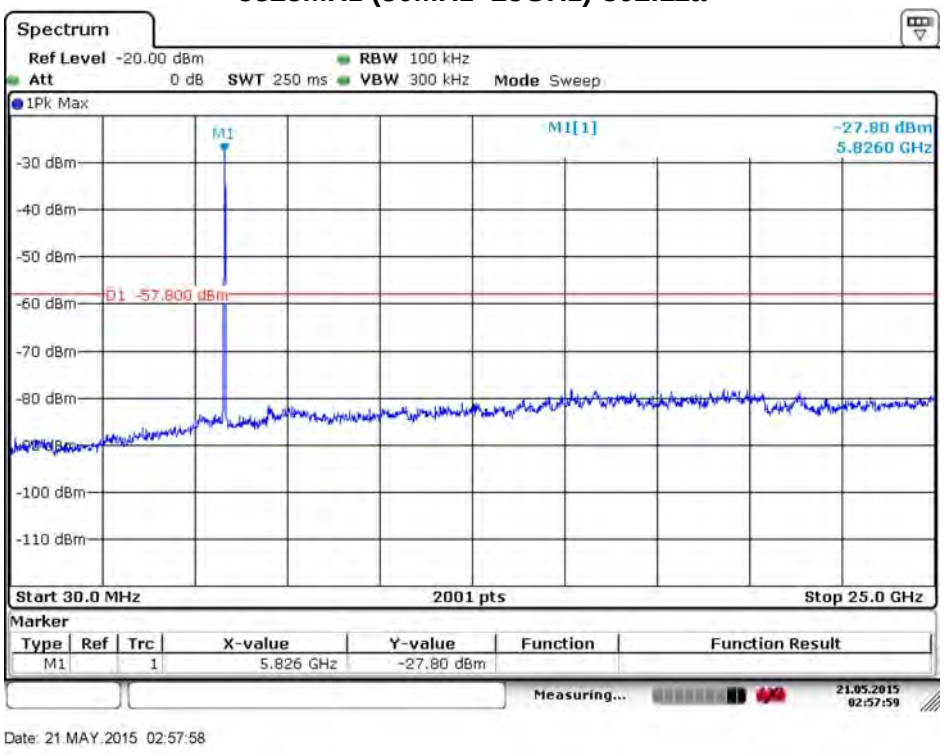
Date: 21.MAY.2015 02:26:22

5785MHz (30MHz~25GHz)-802.11a



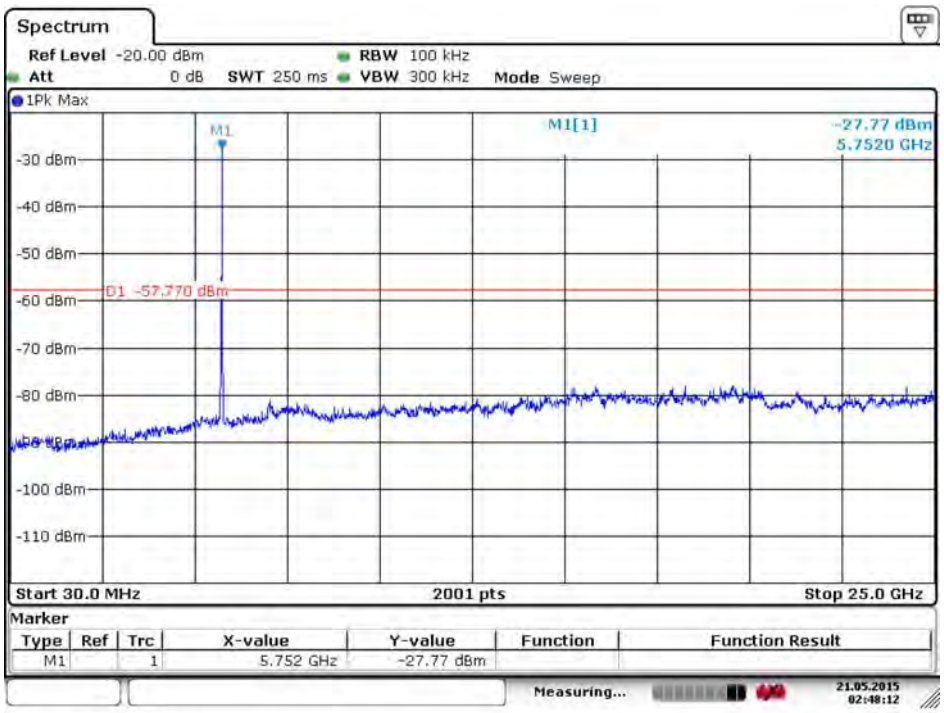
Date: 21.MAY.2015 02:31:10

5825MHz (30MHz~25GHz)-802.11a



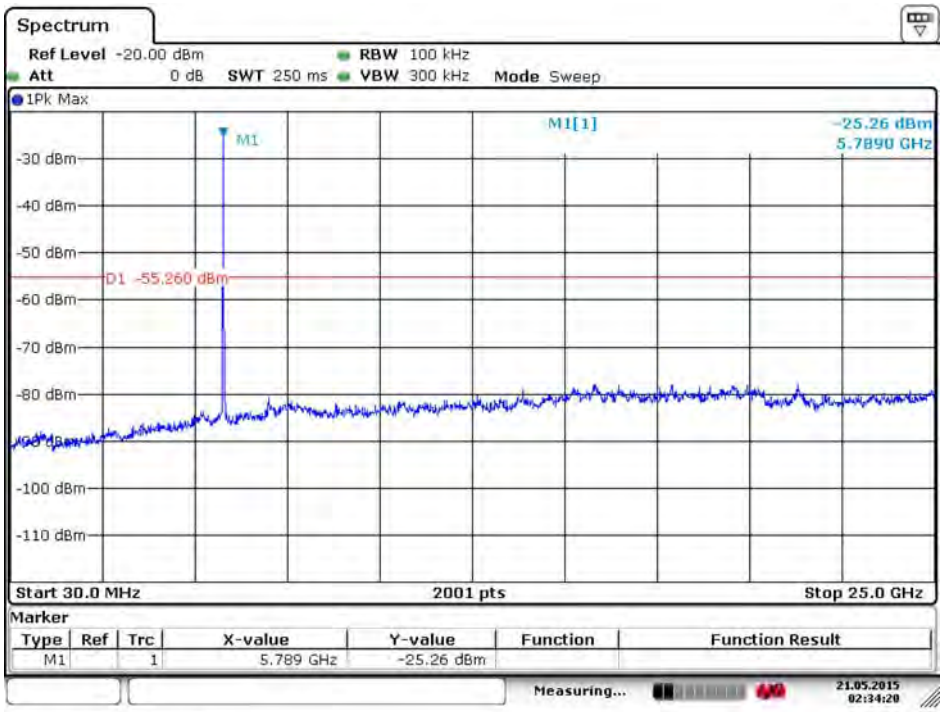
Date: 21.MAY.2015 02:57:58

5745MHz (30MHz~25GHz)- 802.11n(20MHz)



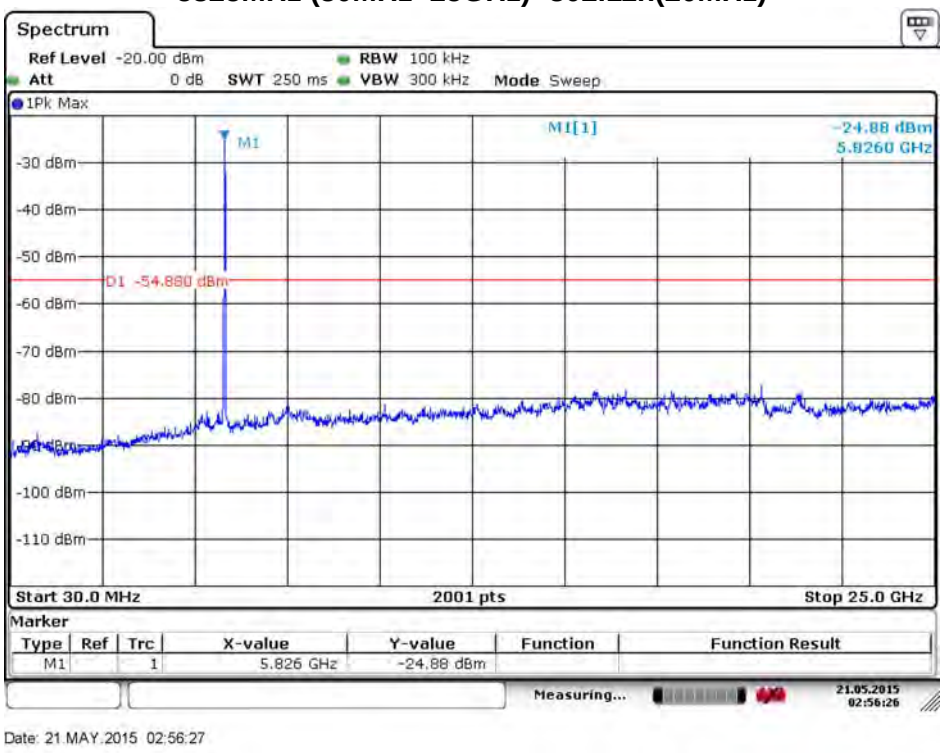
Date: 21.MAY.2015 02:48:13

5785MHz (30MHz~25GHz)- 802.11n(20MHz)



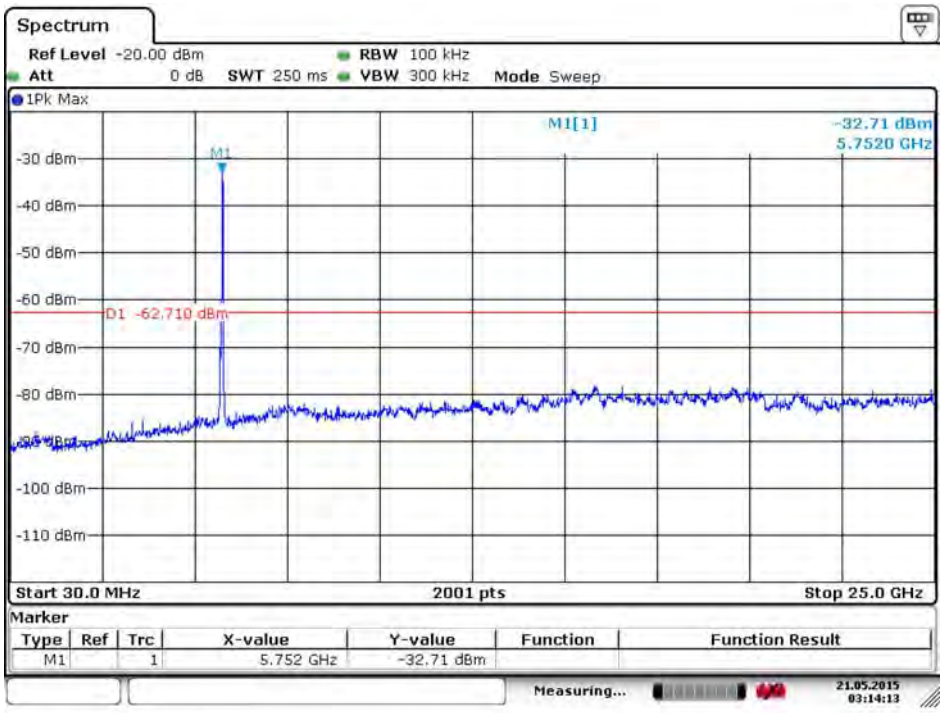
Date: 21.MAY.2015 02:34:20

5825MHz (30MHz~25GHz)- 802.11n(20MHz)



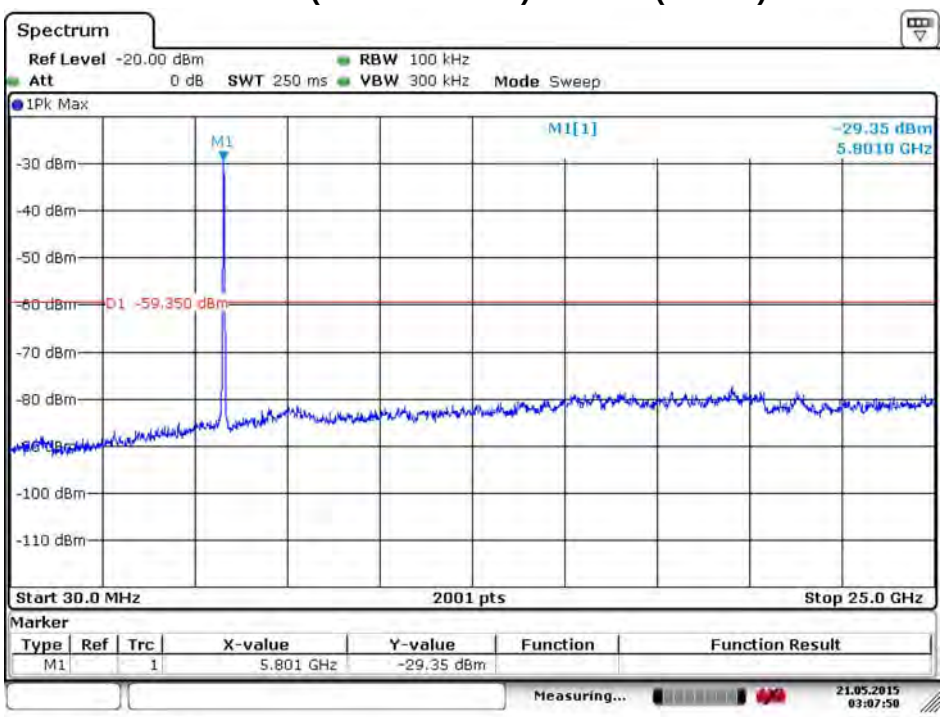
Date: 21.MAY.2015 02:56:27

5755MHz (30MHz~25GHz)- 802.11n(40MHz)



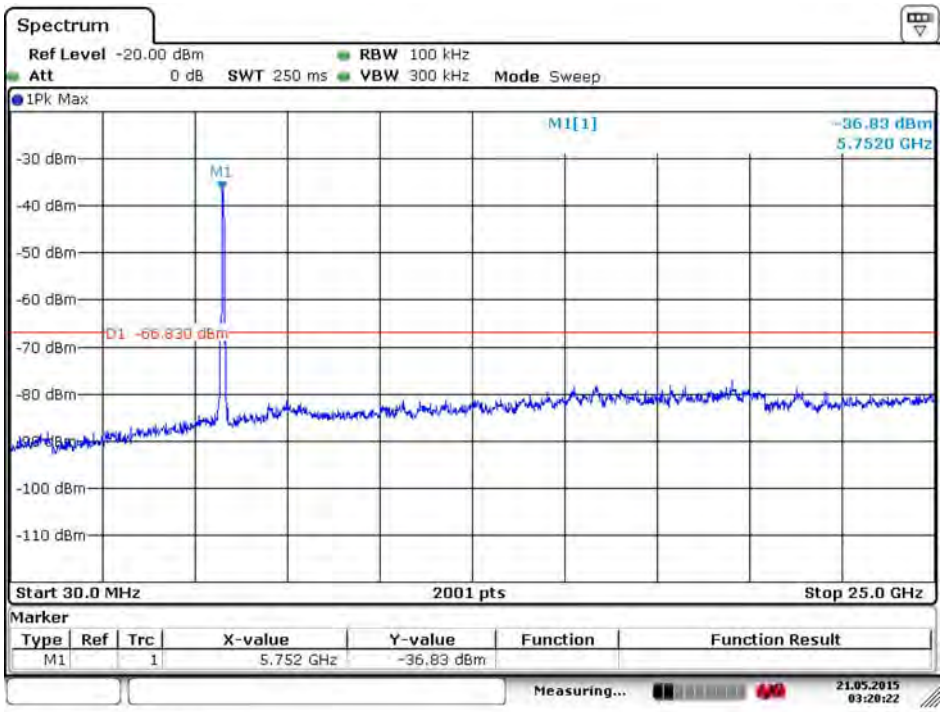
Date: 21.MAY.2015 03:14:13

5795MHz (30MHz~25GHz)- 802.11n(40MHz)



Date: 21.MAY.2015 03:07:50

5775MHz (30MHz~25GHz)- 802.11ac(80MHz)



Date: 21.MAY.2015 03:20:22

6. Radiated Emission Band Edge

6.1. Test Equipment

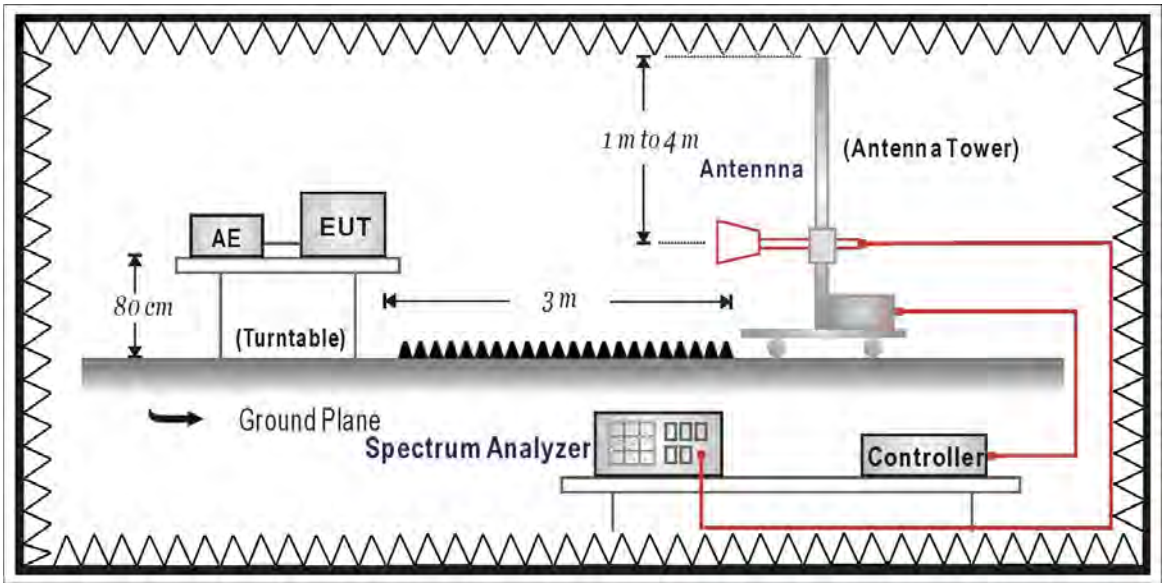
The following test equipments are used during the test:

Radiated Emission Band Edge / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120	D743	2016/01/26
Spectrum Analyzer	Agilent	E4440A	MY46187335	2016/01/07
k Type Cable	Huber Suhner	Sucoflex 102	25623/2	2016/01/26

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

6.2. Test Setup



6.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

6.4. Test Procedure

The EUT was setup according to ANSI C63.10: 2009 and tested according to DTS test procedure of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements.
The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.
The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2009 on radiated measurement.

6.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

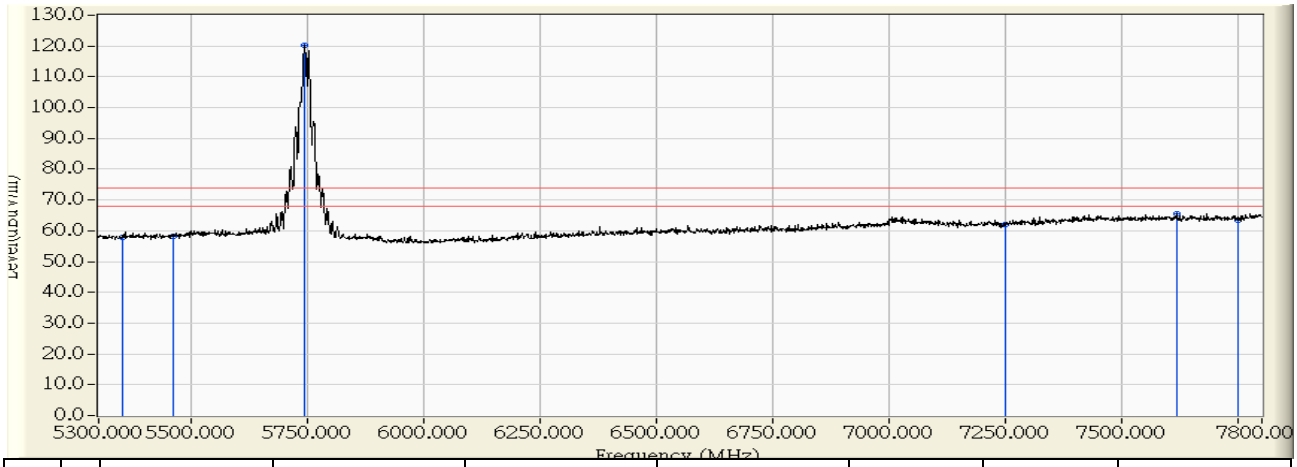
6.6. Uncertainty

The measurement uncertainty
± 3.9 dB above 1GHz

6.7. Test Result

Radiated is defined as

Site : CB1	**Time : 2015/05/11 - 18:53**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5745MHz**

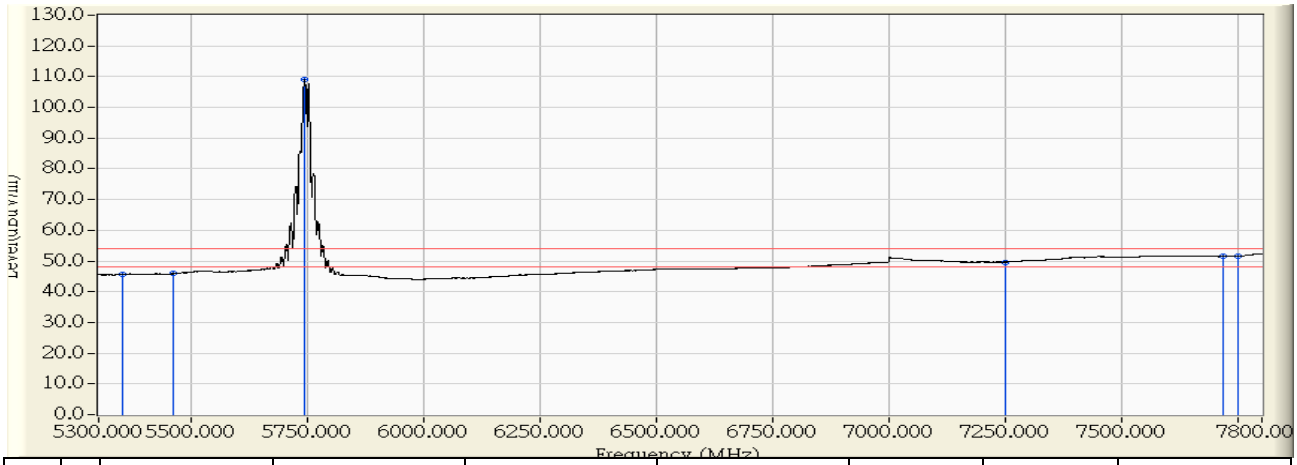


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	55.994	58.019	-15.981	74.000	PEAK
2		5460.000	2.989	55.359	58.347	-15.653	74.000	PEAK
3	*	5742.279	2.448	117.863	120.311	46.311	74.000	PEAK
4		7250.000	7.013	55.149	62.161	-11.839	74.000	PEAK
5		7618.841	7.750	57.725	65.475	-8.525	74.000	PEAK
6		7750.000	7.975	55.552	63.528	-10.472	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 18:55**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5745MHz**

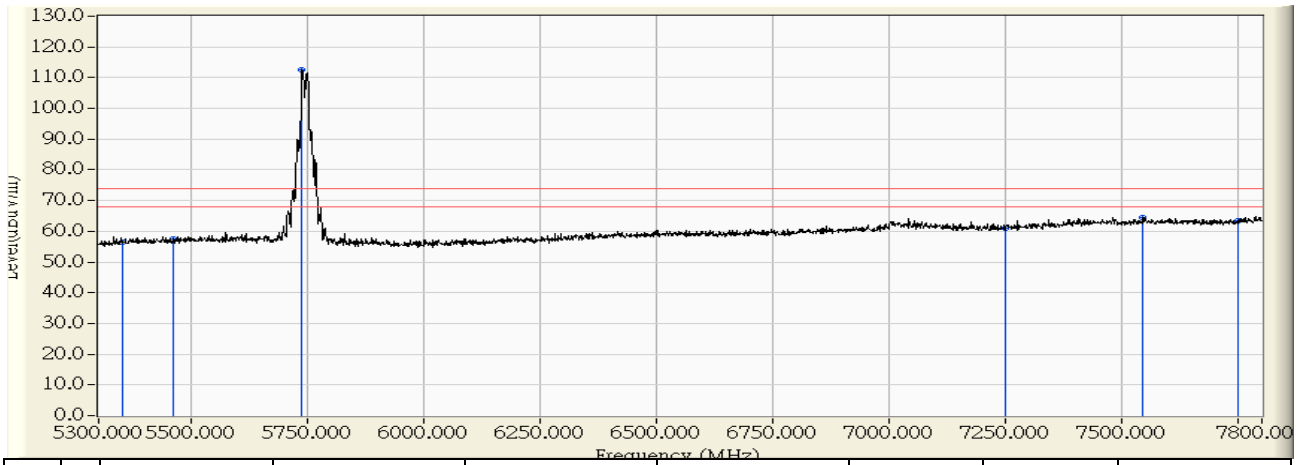


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	43.699	45.724	-8.276	54.000	AVERAGE
2		5460.000	2.989	42.877	45.865	-8.135	54.000	AVERAGE
3	*	5742.279	2.448	106.636	109.084	55.084	54.000	AVERAGE
4		7250.000	7.013	42.652	49.664	-4.336	54.000	AVERAGE
5		7716.292	7.918	43.525	51.443	-2.557	54.000	AVERAGE
6		7750.000	7.975	43.589	51.565	-2.435	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 19:01**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : 802.11a_5745MHz**

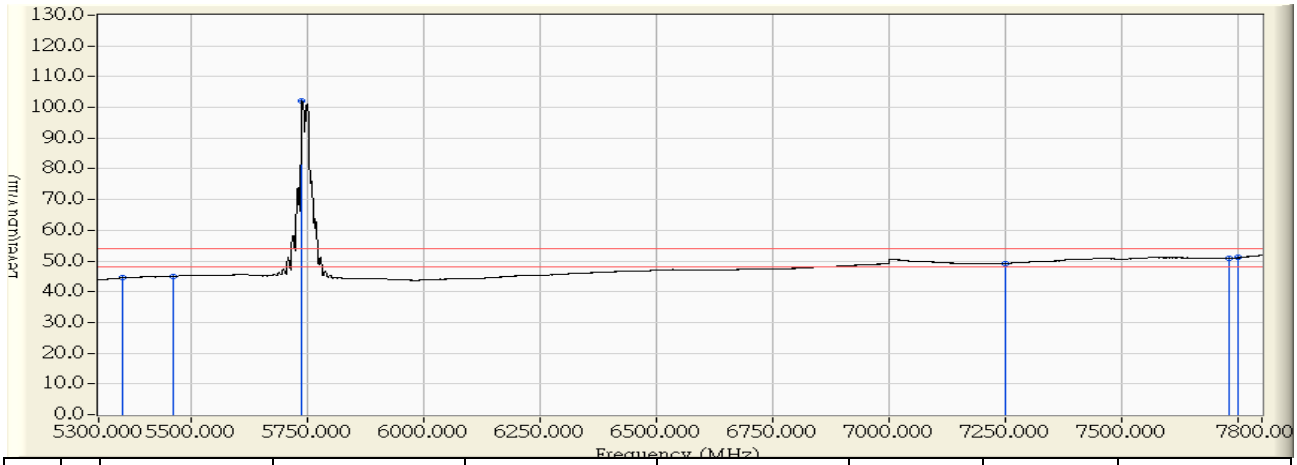


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	54.056	56.398	-17.602	74.000	PEAK
2		5460.000	3.250	54.120	57.370	-16.630	74.000	PEAK
3	*	5737.281	2.585	109.948	112.533	38.533	74.000	PEAK
4		7250.000	6.513	54.550	61.062	-12.938	74.000	PEAK
5		7543.878	7.121	57.291	64.412	-9.588	74.000	PEAK
6		7750.000	7.475	55.842	63.318	-10.682	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 19:03**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5745MHz**

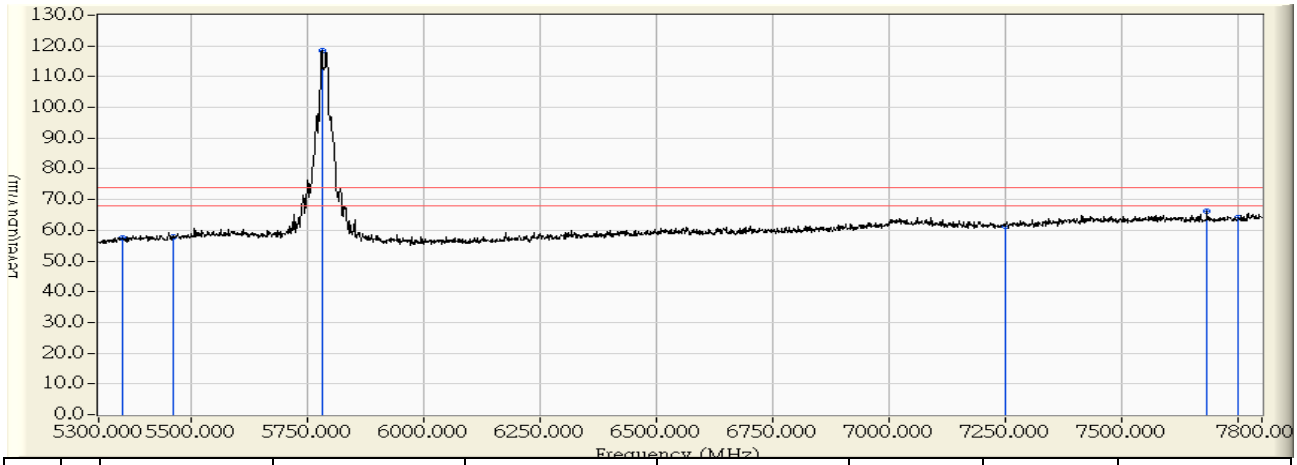


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	42.166	44.508	-9.492	54.000	AVERAGE
2		5460.000	3.250	41.758	45.008	-8.992	54.000	AVERAGE
3	*	5737.281	2.585	99.474	102.059	48.059	54.000	AVERAGE
4		7250.000	6.513	42.646	49.158	-4.842	54.000	AVERAGE
5		7728.786	7.439	43.504	50.943	-3.057	54.000	AVERAGE
6		7750.000	7.475	43.608	51.084	-2.916	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 19:28**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5785MHz**

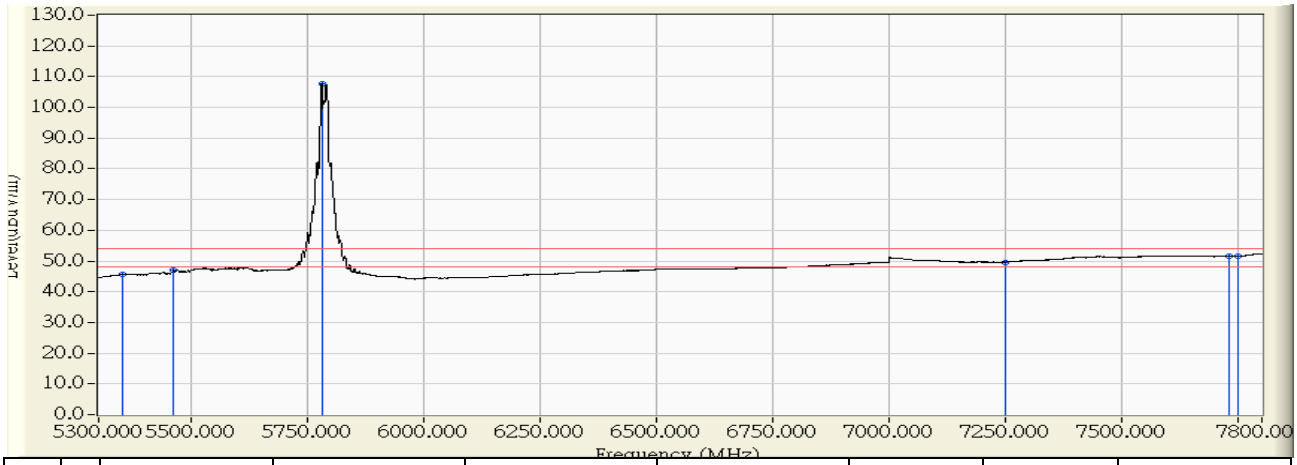


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	55.557	57.582	-16.418	74.000	PEAK
2		5460.000	2.989	54.810	57.798	-16.202	74.000	PEAK
3	*	5779.760	2.341	116.144	118.485	44.485	74.000	PEAK
4		7250.000	7.013	54.446	61.458	-12.542	74.000	PEAK
5		7682.559	7.859	58.220	66.080	-7.920	74.000	PEAK
6		7750.000	7.975	56.015	63.991	-10.009	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 19:30**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5785MHz**

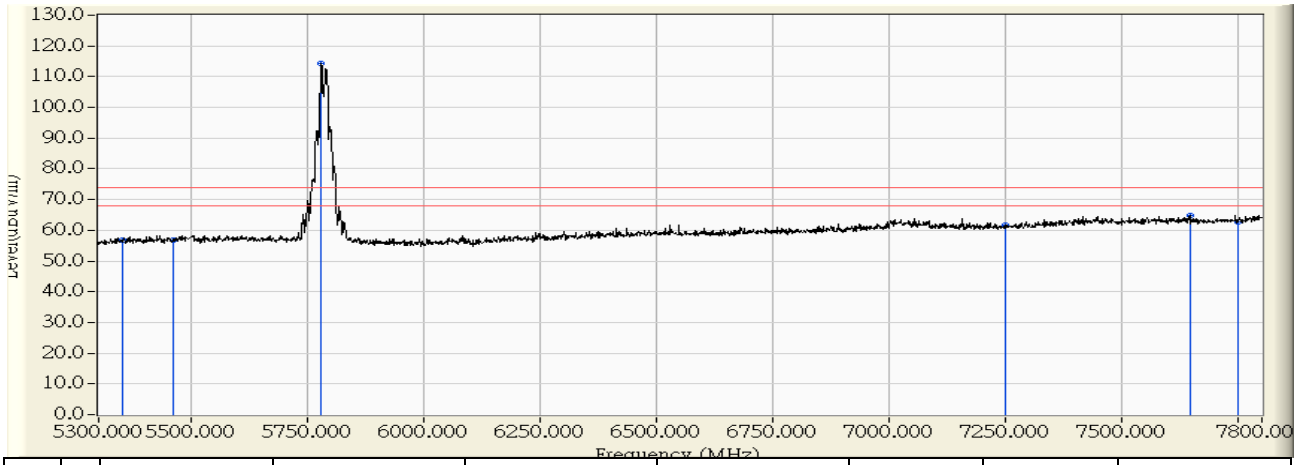


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	43.497	45.522	-8.478	54.000	AVERAGE
2		5460.000	2.989	43.960	46.948	-7.052	54.000	AVERAGE
3	*	5779.760	2.341	105.282	107.623	53.623	54.000	AVERAGE
4		7250.000	7.013	42.634	49.646	-4.354	54.000	AVERAGE
5		7728.786	7.939	43.549	51.488	-2.512	54.000	AVERAGE
6		7750.000	7.975	43.606	51.582	-2.418	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 19:34**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5785MHz**

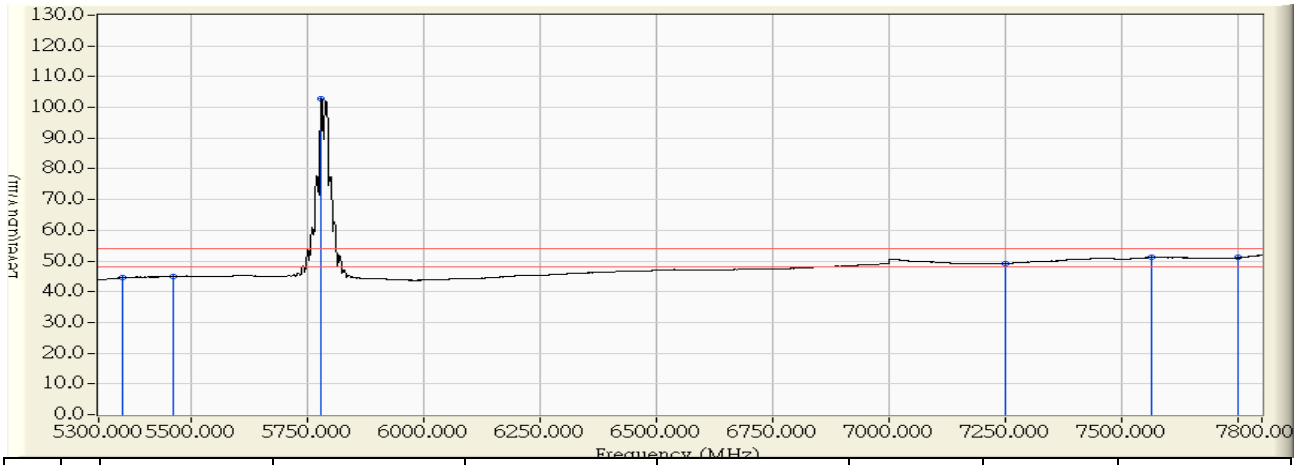


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	54.413	56.755	-17.245	74.000	PEAK
2		5460.000	3.250	53.695	56.945	-17.055	74.000	PEAK
3	*	5778.511	2.447	111.800	114.247	40.247	74.000	PEAK
4		7250.000	6.513	55.053	61.565	-12.435	74.000	PEAK
5		7647.576	7.299	57.449	64.748	-9.252	74.000	PEAK
6		7750.000	7.475	55.123	62.599	-11.401	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 19:36**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5785MHz**

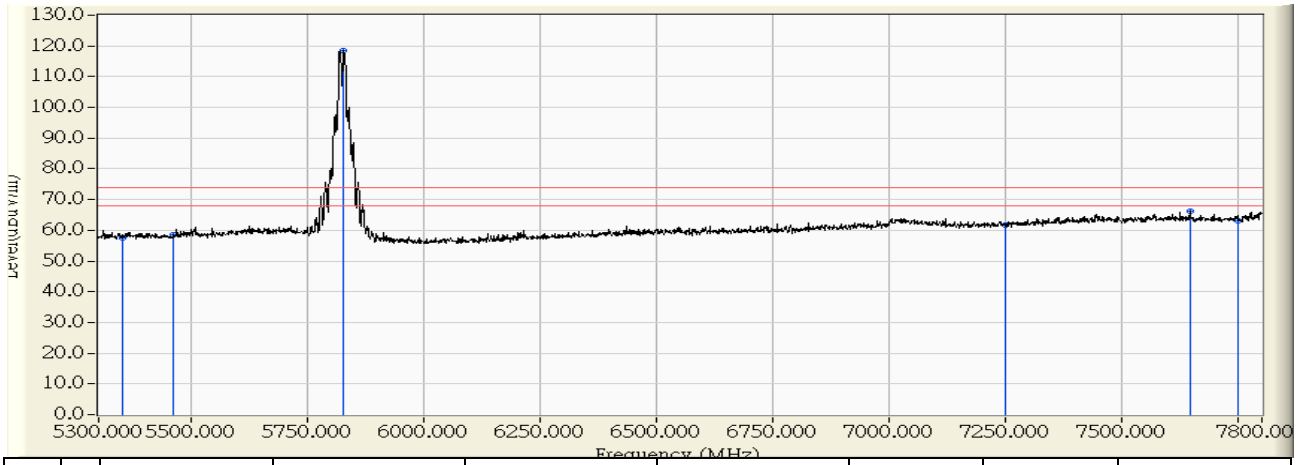


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	42.160	44.502	-9.498	54.000	AVERAGE
2		5460.000	3.250	41.712	44.962	-9.038	54.000	AVERAGE
3	*	5778.511	2.447	100.469	102.916	48.916	54.000	AVERAGE
4		7250.000	6.513	42.705	49.217	-4.783	54.000	AVERAGE
5		7561.369	7.151	44.052	51.203	-2.797	54.000	AVERAGE
6		7750.000	7.475	43.613	51.089	-2.911	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 19:41**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5825MHz**

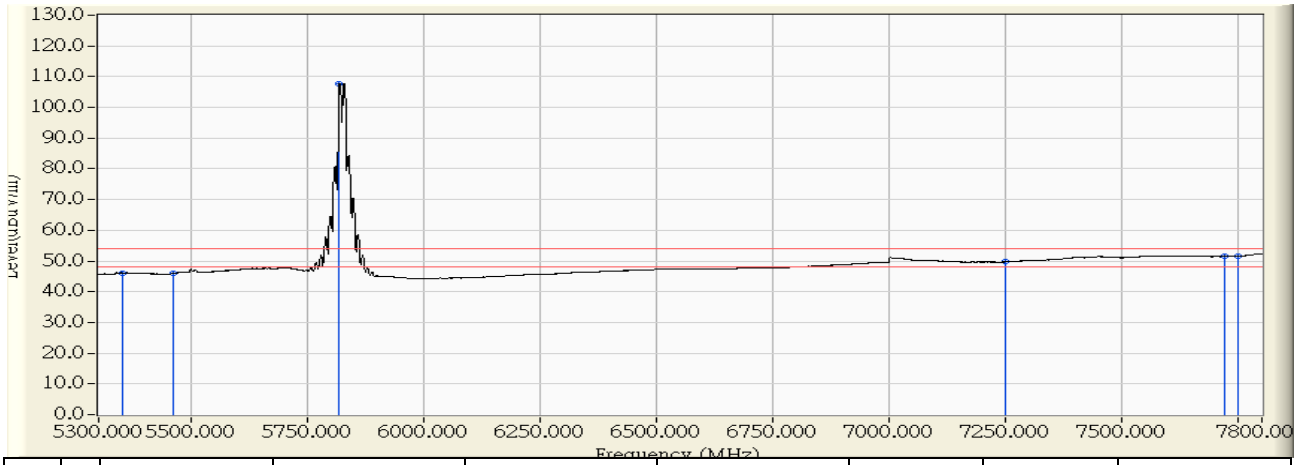


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	55.518	57.543	-16.457	74.000	PEAK
2		5460.000	2.989	55.520	58.508	-15.492	74.000	PEAK
3	*	5827.236	2.205	116.387	118.592	44.592	74.000	PEAK
4		7250.000	7.013	54.725	61.737	-12.263	74.000	PEAK
5		7645.077	7.795	58.266	66.061	-7.939	74.000	PEAK
6		7750.000	7.975	55.161	63.137	-10.863	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 19:43**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5825MHz**

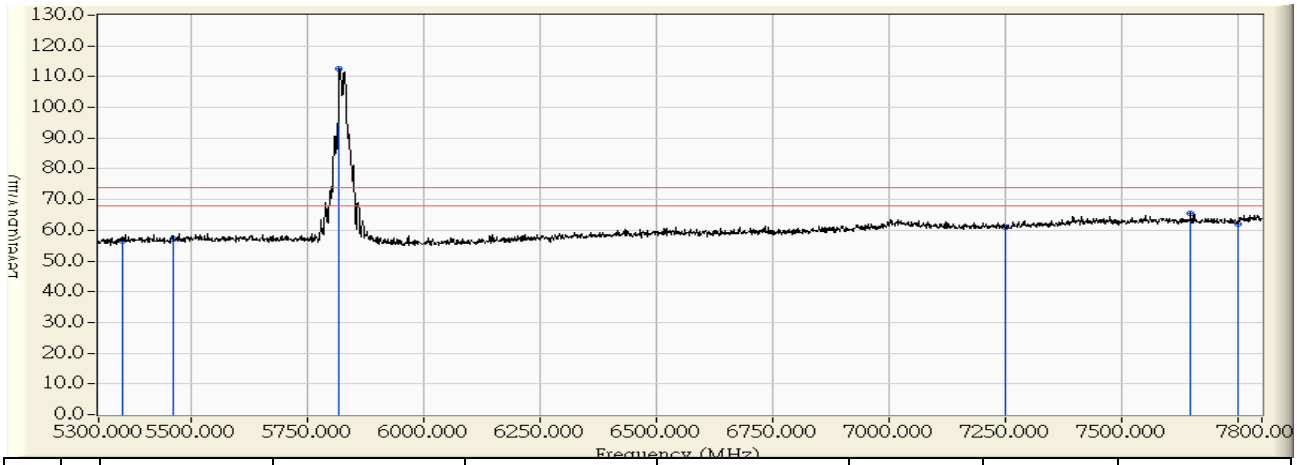


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	44.128	46.153	-7.847	54.000	AVERAGE
2		5460.000	2.989	42.910	45.898	-8.102	54.000	AVERAGE
3	*	5817.241	2.234	105.497	107.731	53.731	54.000	AVERAGE
4		7250.000	7.013	42.668	49.680	-4.320	54.000	AVERAGE
5		7718.791	7.922	43.500	51.422	-2.578	54.000	AVERAGE
6		7750.000	7.975	43.575	51.551	-2.449	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 19:47**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5825MHz**

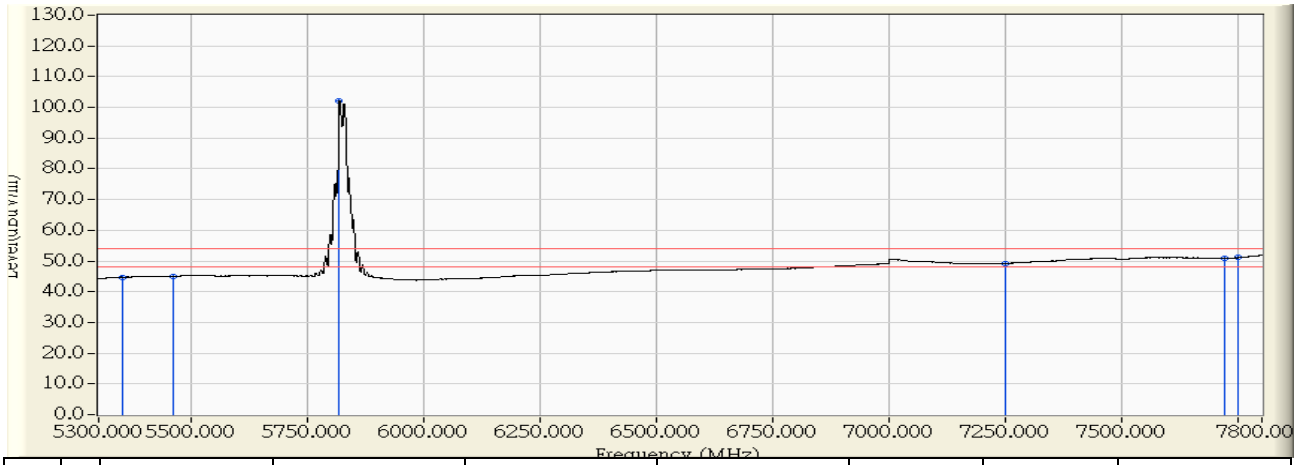


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	54.273	56.615	-17.385	74.000	PEAK
2		5460.000	3.250	53.744	56.994	-17.006	74.000	PEAK
3	*	5817.241	2.317	110.140	112.457	38.457	74.000	PEAK
4		7250.000	6.513	54.444	60.956	-13.044	74.000	PEAK
5		7647.576	7.299	58.122	65.421	-8.579	74.000	PEAK
6		7750.000	7.475	54.639	62.115	-11.885	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 19:49**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11a_5825MHz**

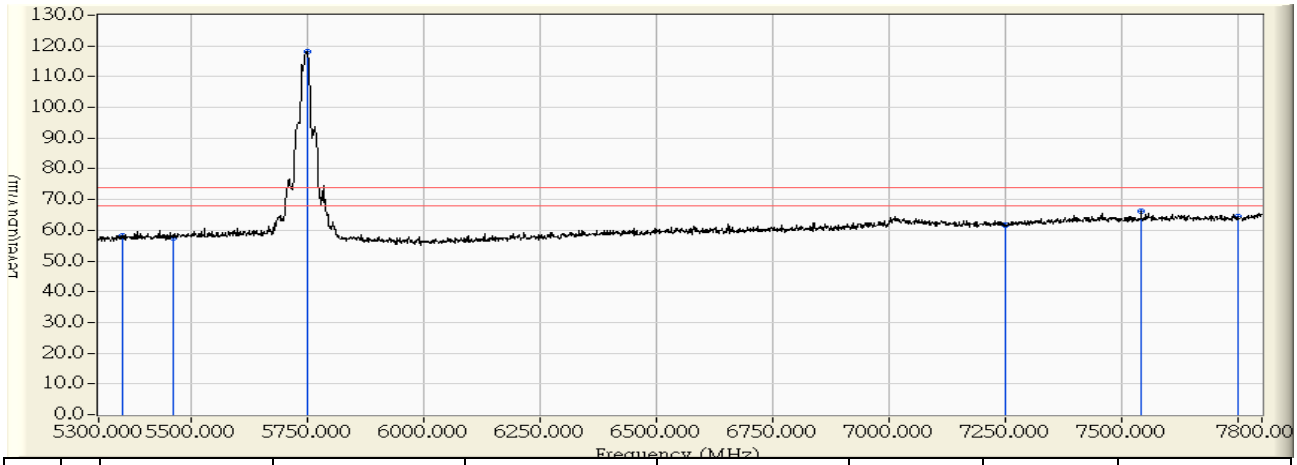


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	42.376	44.718	-9.282	54.000	AVERAGE
2		5460.000	3.250	41.706	44.956	-9.044	54.000	AVERAGE
3	*	5817.241	2.317	99.647	101.964	47.964	54.000	AVERAGE
4		7250.000	6.513	42.692	49.204	-4.796	54.000	AVERAGE
5		7718.791	7.422	43.507	50.929	-3.071	54.000	AVERAGE
6		7750.000	7.475	43.620	51.096	-2.904	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 19:54**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5745MHz**

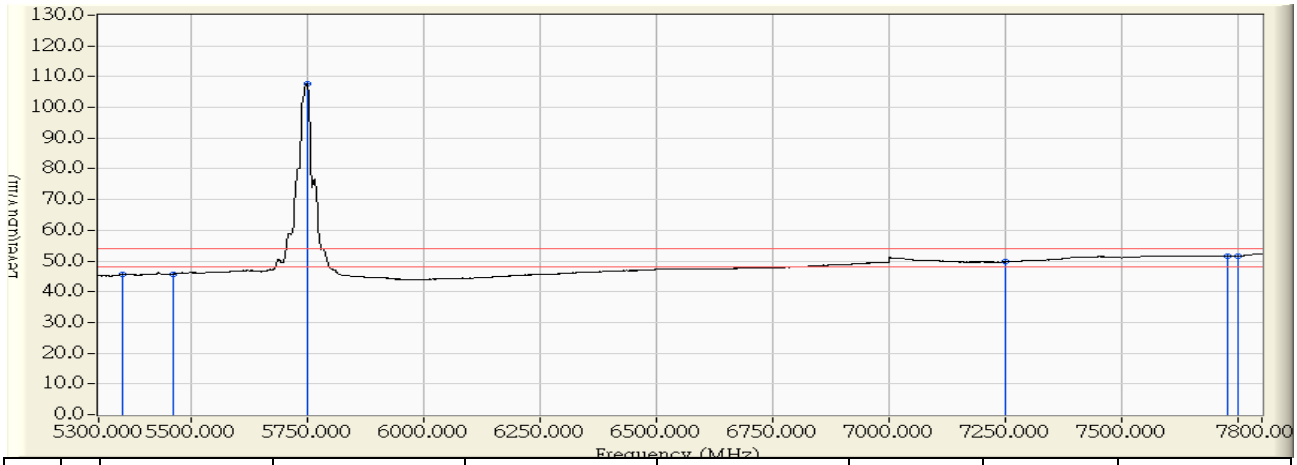


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	56.210	58.235	-15.765	74.000	PEAK
2		5460.000	2.989	54.420	57.408	-16.592	74.000	PEAK
3	*	5747.276	2.433	115.739	118.173	44.173	74.000	PEAK
4		7250.000	7.013	54.735	61.747	-12.253	74.000	PEAK
5		7540.130	7.615	58.459	66.073	-7.927	74.000	PEAK
6		7750.000	7.975	56.472	64.448	-9.552	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 19:56**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5745MHz**

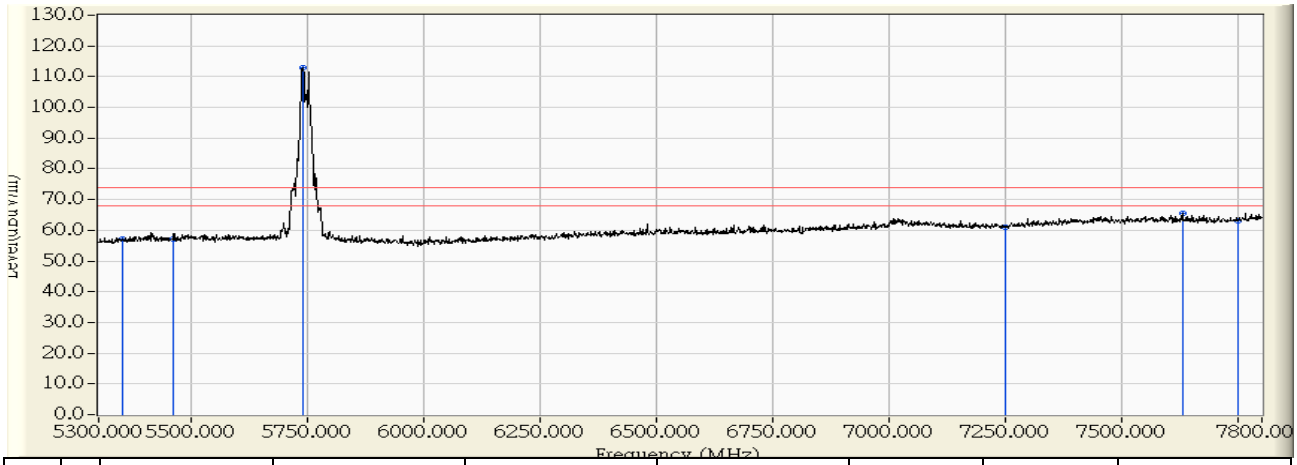


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	43.601	45.626	-8.374	54.000	AVERAGE
2		5460.000	2.989	42.733	45.721	-8.279	54.000	AVERAGE
3	*	5747.276	2.433	105.097	107.531	53.531	54.000	AVERAGE
4		7250.000	7.013	42.670	49.682	-4.318	54.000	AVERAGE
5		7727.536	7.937	43.582	51.519	-2.481	54.000	AVERAGE
6		7750.000	7.975	43.603	51.579	-2.421	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 20:01**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5745MHz**

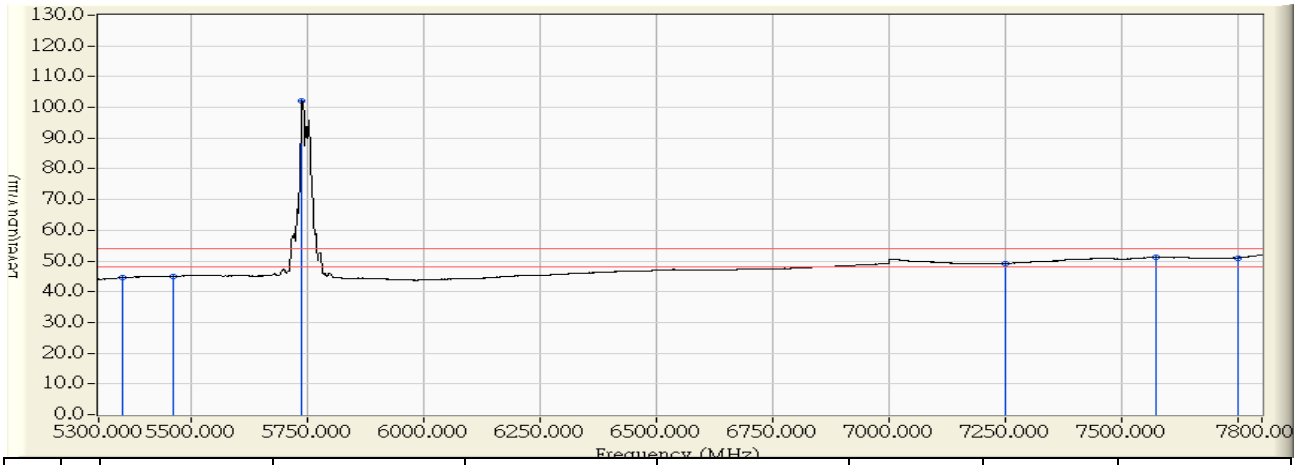


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	54.642	56.984	-17.016	74.000	PEAK
2		5460.000	3.250	53.905	57.155	-16.845	74.000	PEAK
3	*	5738.531	2.581	110.302	112.883	38.883	74.000	PEAK
4		7250.000	6.513	54.514	61.026	-12.974	74.000	PEAK
5		7630.085	7.270	58.152	65.421	-8.579	74.000	PEAK
6		7750.000	7.475	55.706	63.182	-10.818	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 20:04**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5745MHz**

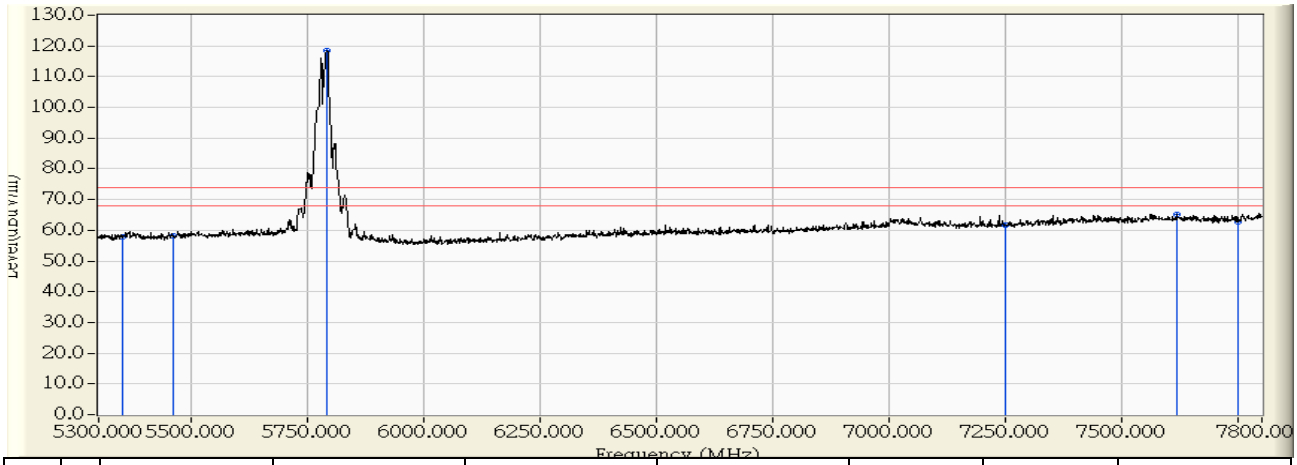


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	42.193	44.535	-9.465	54.000	AVERAGE
2		5460.000	3.250	41.648	44.898	-9.102	54.000	AVERAGE
3	*	5737.281	2.585	99.571	102.156	48.156	54.000	AVERAGE
4		7250.000	6.513	42.669	49.181	-4.819	54.000	AVERAGE
5		7571.364	7.168	44.042	51.210	-2.790	54.000	AVERAGE
6		7750.000	7.475	43.582	51.058	-2.942	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 20:09**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz**

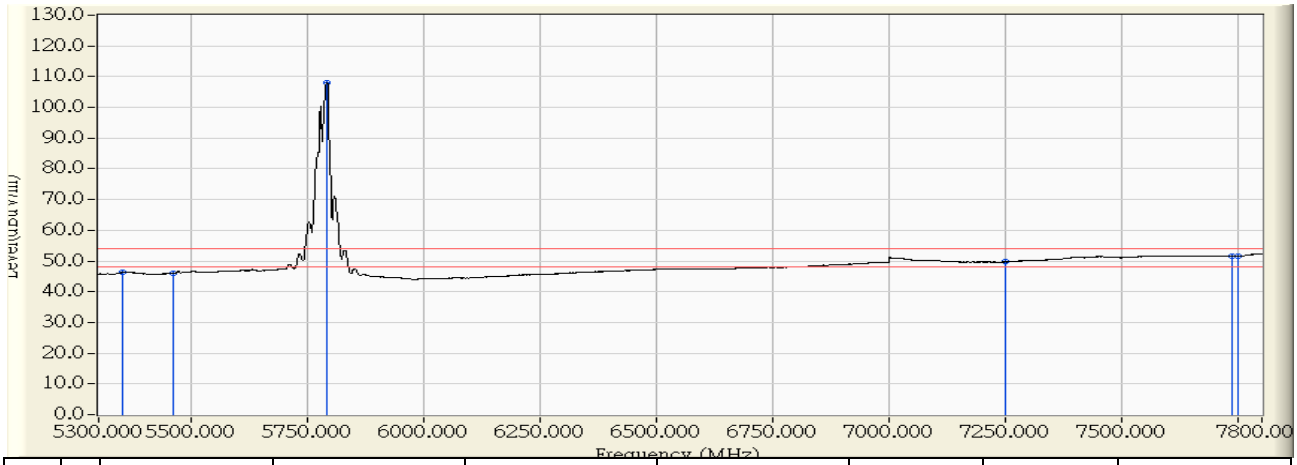


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	55.833	57.858	-16.142	74.000	PEAK
2		5460.000	2.989	55.265	58.253	-15.747	74.000	PEAK
3	*	5791.004	2.309	116.276	118.585	44.585	74.000	PEAK
4		7250.000	7.013	54.550	61.562	-12.438	74.000	PEAK
5		7617.591	7.748	57.489	65.237	-8.763	74.000	PEAK
6		7750.000	7.975	54.908	62.884	-11.116	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 20:11**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz**

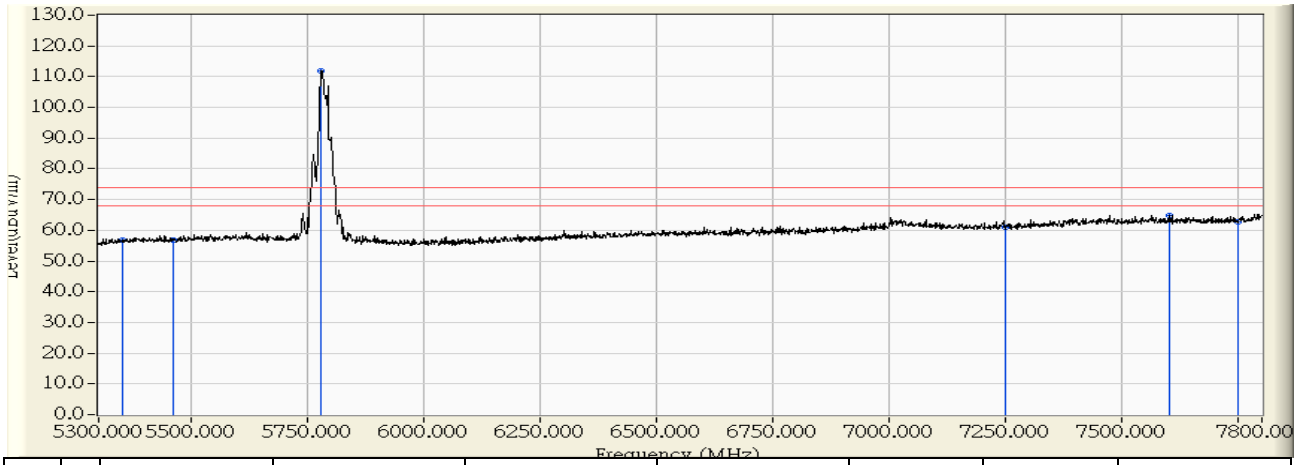


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	44.183	46.208	-7.792	54.000	AVERAGE
2		5460.000	2.989	42.971	45.959	-8.041	54.000	AVERAGE
3	*	5791.004	2.309	105.591	107.900	53.900	54.000	AVERAGE
4		7250.000	7.013	42.655	49.667	-4.333	54.000	AVERAGE
5		7735.032	7.949	43.596	51.546	-2.454	54.000	AVERAGE
6		7750.000	7.975	43.600	51.576	-2.424	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 20:14**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz**

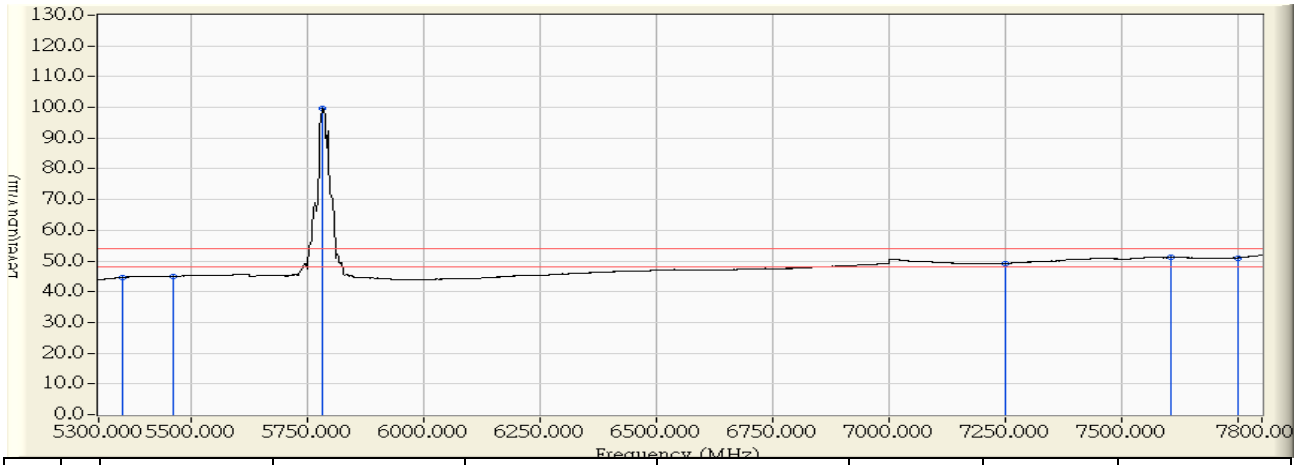


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	54.443	56.785	-17.215	74.000	PEAK
2		5460.000	3.250	53.585	56.835	-17.165	74.000	PEAK
3	*	5778.511	2.447	109.512	111.959	37.959	74.000	PEAK
4		7250.000	6.513	54.443	60.955	-13.045	74.000	PEAK
5		7600.100	7.218	57.599	64.817	-9.183	74.000	PEAK
6		7750.000	7.475	55.224	62.700	-11.300	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 20:16**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5785MHz**

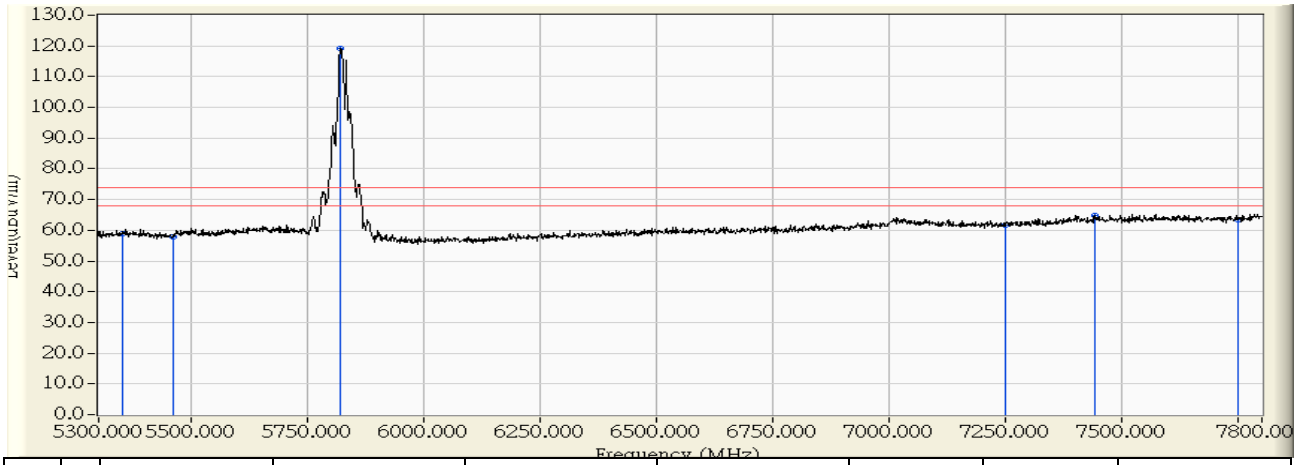


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	42.319	44.661	-9.339	54.000	AVERAGE
2		5460.000	3.250	41.868	45.118	-8.882	54.000	AVERAGE
3	*	5782.259	2.434	97.123	99.557	45.557	54.000	AVERAGE
4		7250.000	6.513	42.639	49.151	-4.849	54.000	AVERAGE
5		7603.848	7.224	43.995	51.219	-2.781	54.000	AVERAGE
6		7750.000	7.475	43.569	51.045	-2.955	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 20:21**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5825MHz**

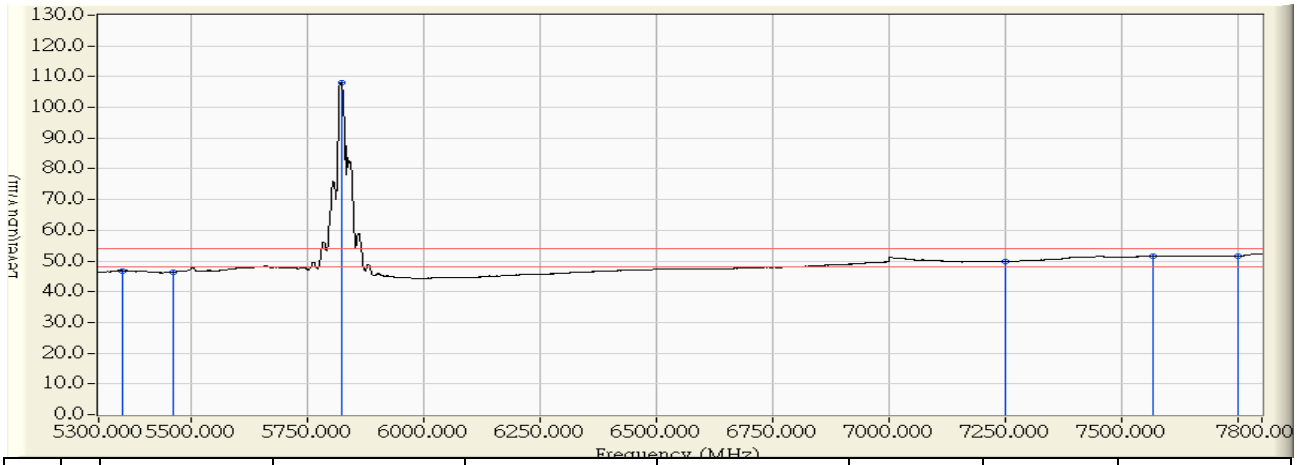


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	56.912	58.937	-15.063	74.000	PEAK
2		5460.000	2.989	54.960	57.948	-16.052	74.000	PEAK
3	*	5819.740	2.227	116.844	119.071	45.071	74.000	PEAK
4		7250.000	7.013	54.811	61.823	-12.177	74.000	PEAK
5		7440.180	7.424	57.322	64.746	-9.254	74.000	PEAK
6		7750.000	7.975	55.363	63.339	-10.661	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 20:28**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5825MHz**

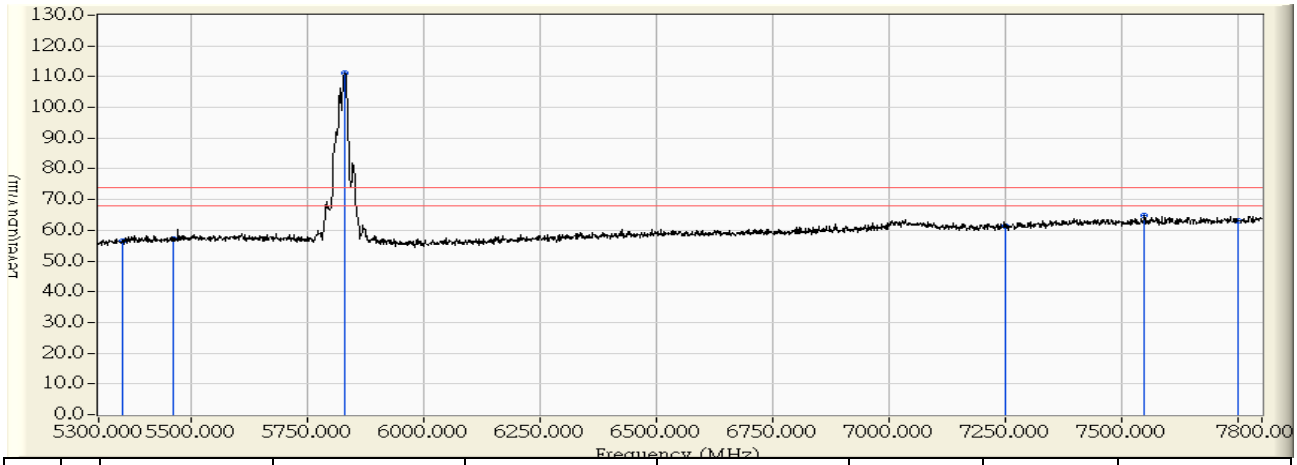


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	44.826	46.851	-7.149	54.000	AVERAGE
2		5460.000	2.989	43.337	46.325	-7.675	54.000	AVERAGE
3	*	5820.989	2.223	105.846	108.069	54.069	54.000	AVERAGE
4		7250.000	7.013	42.698	49.710	-4.290	54.000	AVERAGE
5		7565.117	7.658	44.073	51.730	-2.270	54.000	AVERAGE
6		7750.000	7.975	43.626	51.602	-2.398	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 20:47**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5825MHz**

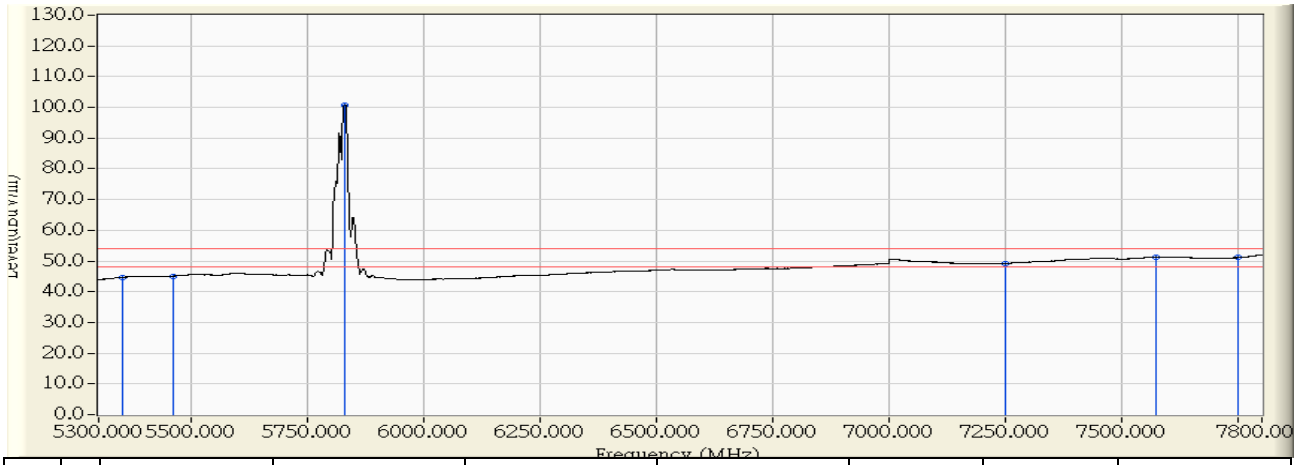


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	54.089	56.431	-17.569	74.000	PEAK
2		5460.000	3.250	54.071	57.321	-16.679	74.000	PEAK
3	*	5829.735	2.274	109.008	111.283	37.283	74.000	PEAK
4		7250.000	6.513	54.685	61.197	-12.803	74.000	PEAK
5		7547.626	7.128	57.729	64.856	-9.144	74.000	PEAK
6		7750.000	7.475	55.450	62.926	-11.074	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 20:49**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(20MHz)_5825MHz**

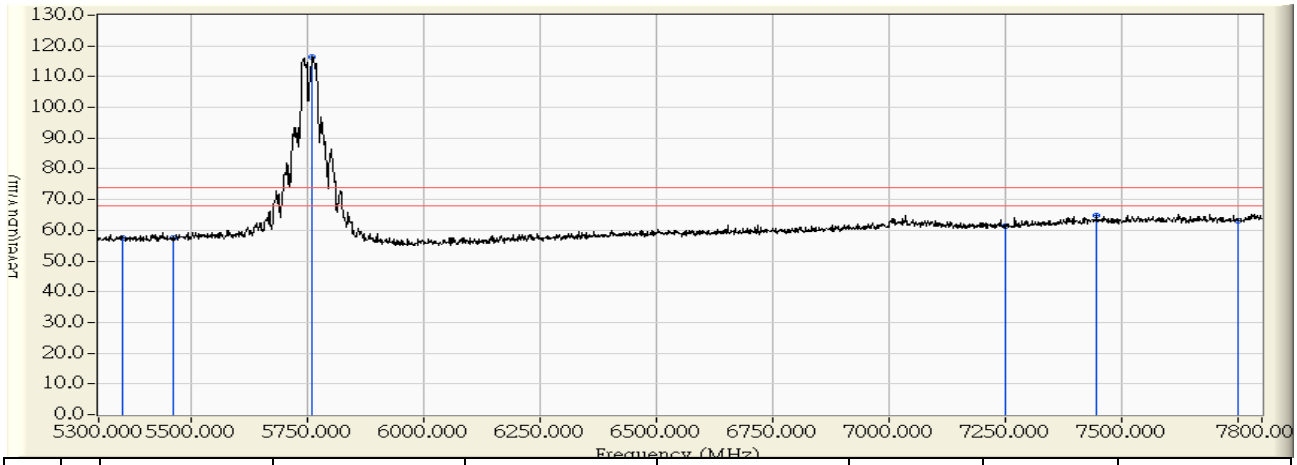


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	42.355	44.697	-9.303	54.000	AVERAGE
2		5460.000	3.250	41.868	45.118	-8.882	54.000	AVERAGE
3	*	5829.735	2.274	98.499	100.774	46.774	54.000	AVERAGE
4		7250.000	6.513	42.709	49.221	-4.779	54.000	AVERAGE
5		7571.364	7.168	44.044	51.212	-2.788	54.000	AVERAGE
6		7750.000	7.475	43.611	51.087	-2.913	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 21:01**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5755MHz**

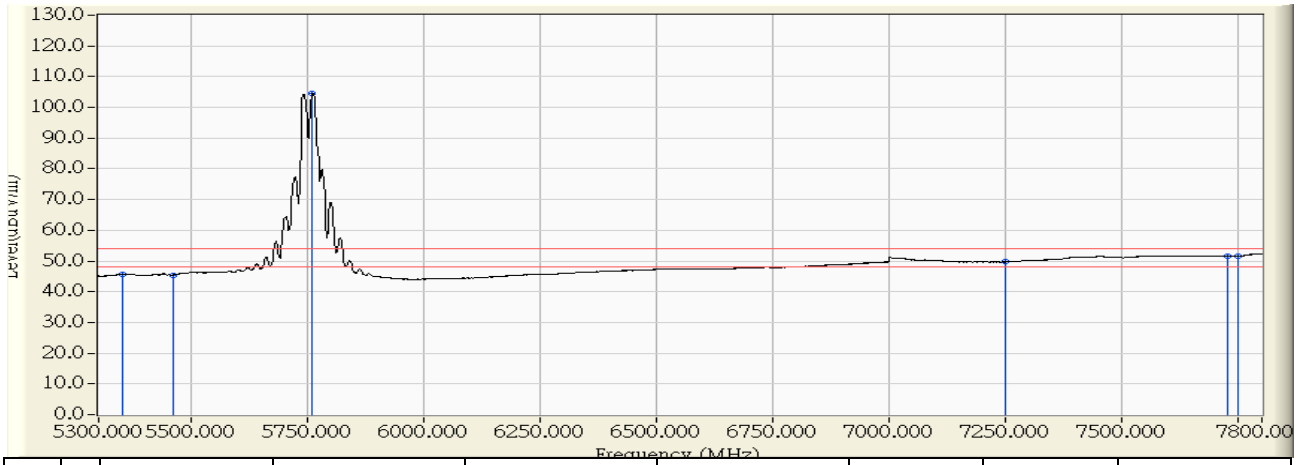


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	55.506	57.531	-16.469	74.000	PEAK
2		5460.000	2.989	54.538	57.526	-16.474	74.000	PEAK
3	*	5759.770	2.398	113.961	116.359	42.359	74.000	PEAK
4		7250.000	7.013	54.483	61.495	-12.505	74.000	PEAK
5		7445.177	7.435	57.447	64.882	-9.118	74.000	PEAK
6		7750.000	7.975	55.235	63.211	-10.789	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 21:03**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5755MHz**

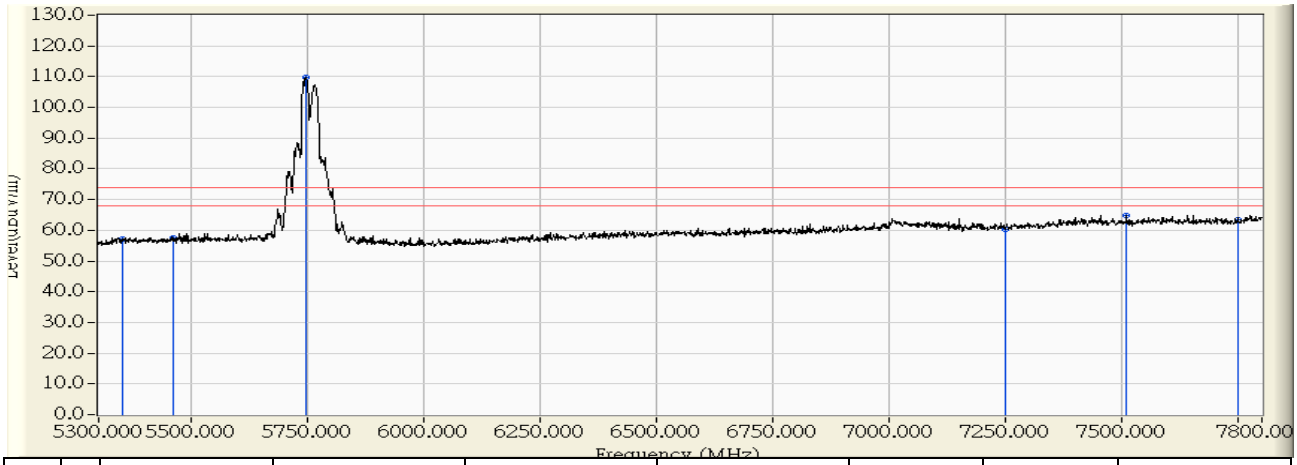


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	43.518	45.543	-8.457	54.000	AVERAGE
2		5460.000	2.989	42.484	45.472	-8.528	54.000	AVERAGE
3	*	5759.770	2.398	102.180	104.578	50.578	54.000	AVERAGE
4		7250.000	7.013	42.677	49.689	-4.311	54.000	AVERAGE
5		7725.037	7.932	43.619	51.552	-2.448	54.000	AVERAGE
6		7750.000	7.975	43.625	51.601	-2.399	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 21:08**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5755MHz**

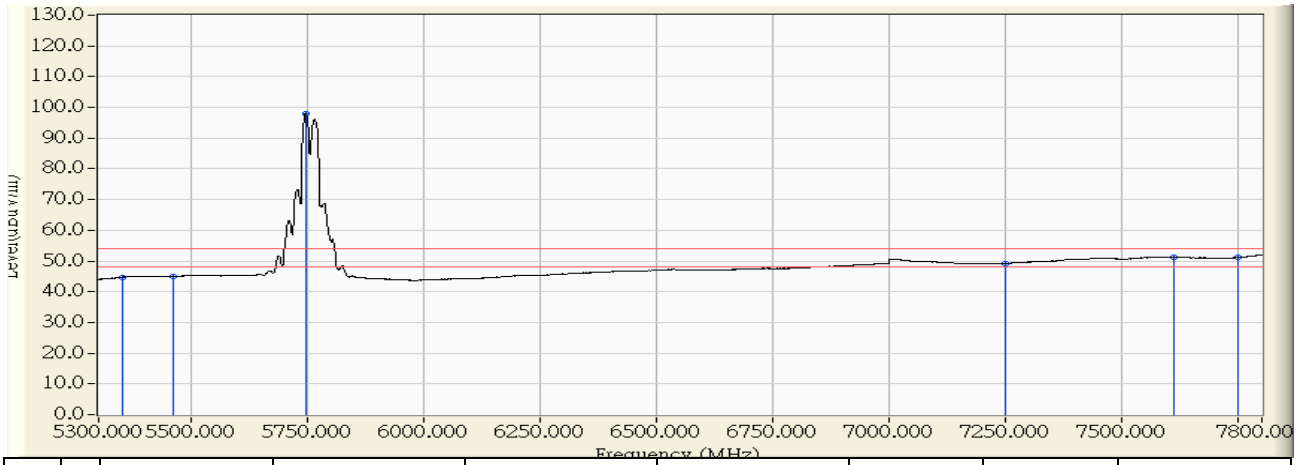


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	54.693	57.035	-16.965	74.000	PEAK
2		5460.000	3.250	54.098	57.348	-16.652	74.000	PEAK
3	*	5744.777	2.560	107.142	109.702	35.702	74.000	PEAK
4		7250.000	6.513	53.859	60.371	-13.629	74.000	PEAK
5		7508.896	7.060	57.783	64.844	-9.156	74.000	PEAK
6		7750.000	7.475	55.816	63.292	-10.708	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 21:10**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5755MHz**

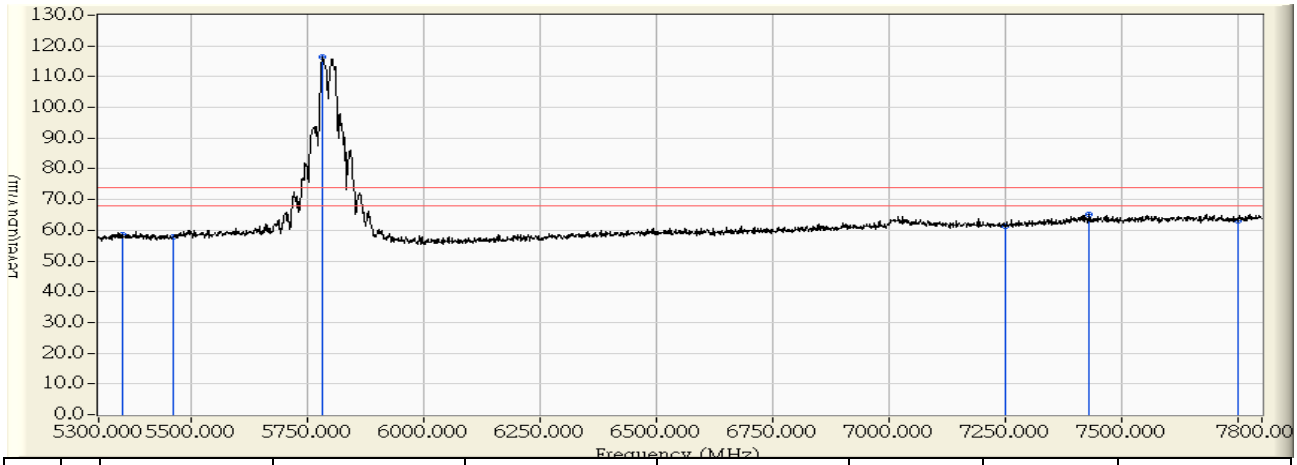


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	42.394	44.736	-9.264	54.000	AVERAGE
2		5460.000	3.250	41.653	44.903	-9.097	54.000	AVERAGE
3	*	5744.777	2.560	95.316	97.876	43.876	54.000	AVERAGE
4		7250.000	6.513	42.733	49.245	-4.755	54.000	AVERAGE
5		7610.095	7.235	43.955	51.190	-2.810	54.000	AVERAGE
6		7750.000	7.475	43.647	51.123	-2.877	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 21:17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5795MHz**

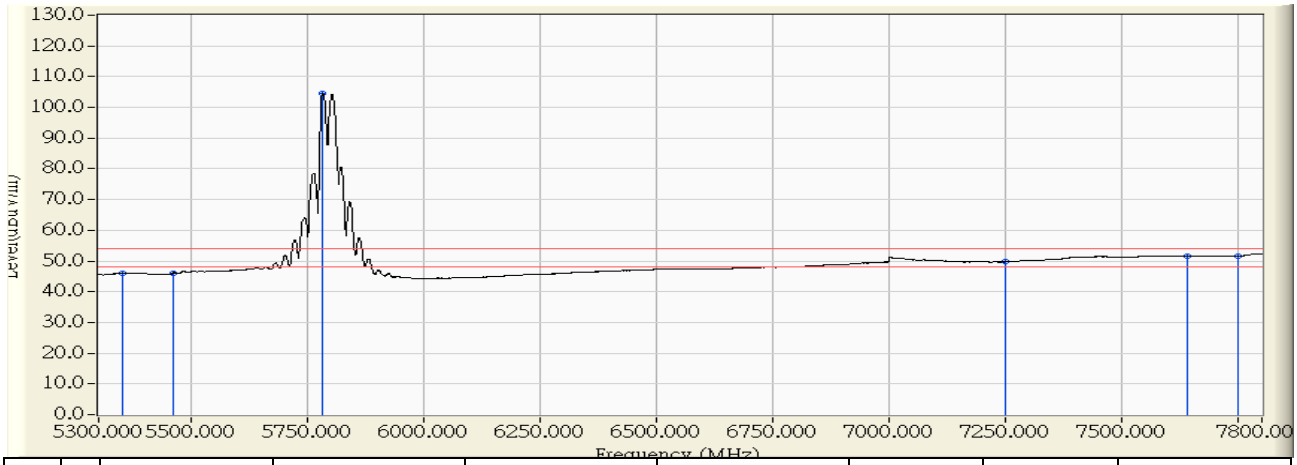


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	56.472	58.497	-15.503	74.000	PEAK
2		5460.000	2.989	54.924	57.912	-16.088	74.000	PEAK
3	*	5782.259	2.333	113.989	116.323	42.323	74.000	PEAK
4		7250.000	7.013	54.204	61.216	-12.784	74.000	PEAK
5		7427.686	7.396	57.623	65.020	-8.980	74.000	PEAK
6		7750.000	7.975	55.200	63.176	-10.824	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 21:19**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5795MHz**

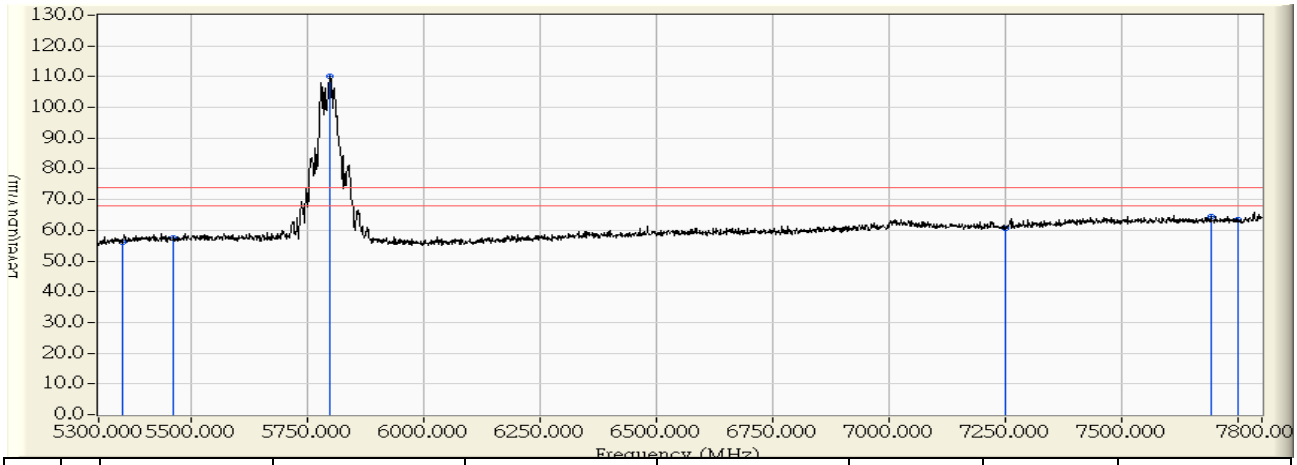


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	44.030	46.055	-7.945	54.000	AVERAGE
2		5460.000	2.989	43.112	46.100	-7.900	54.000	AVERAGE
3	*	5782.259	2.333	102.178	104.512	50.512	54.000	AVERAGE
4		7250.000	7.013	42.698	49.710	-4.290	54.000	AVERAGE
5		7638.831	7.784	43.854	51.638	-2.362	54.000	AVERAGE
6		7750.000	7.975	43.602	51.578	-2.422	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 21:24**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5795MHz**

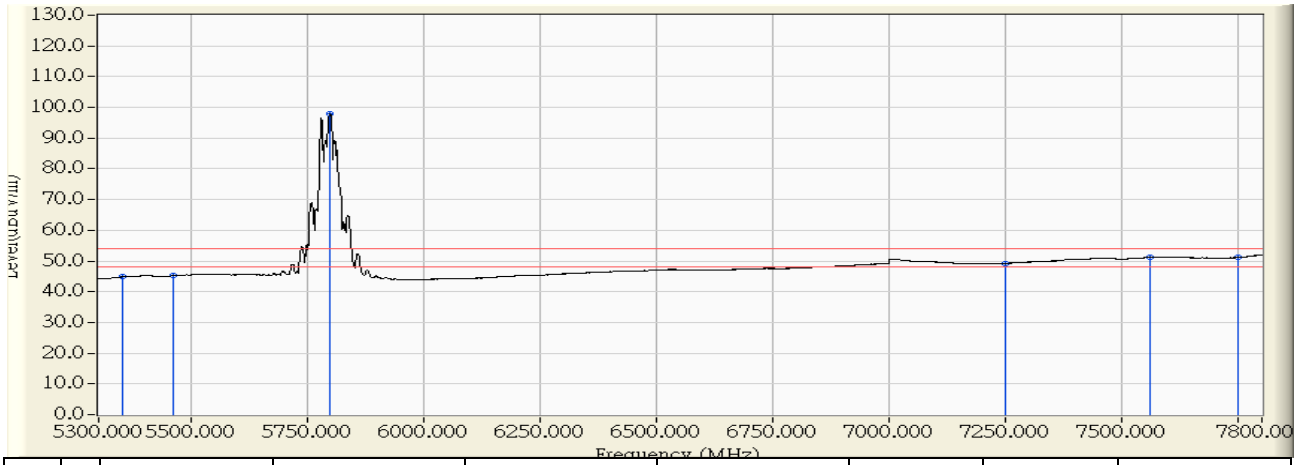


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	53.889	56.231	-17.769	74.000	PEAK
2		5460.000	3.250	54.380	57.630	-16.370	74.000	PEAK
3	*	5797.251	2.384	107.854	110.238	36.238	74.000	PEAK
4		7250.000	6.513	54.116	60.628	-13.372	74.000	PEAK
5		7690.055	7.372	56.971	64.344	-9.656	74.000	PEAK
6		7750.000	7.475	55.955	63.431	-10.569	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 21:26**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11n(40MHz)_5795MHz**

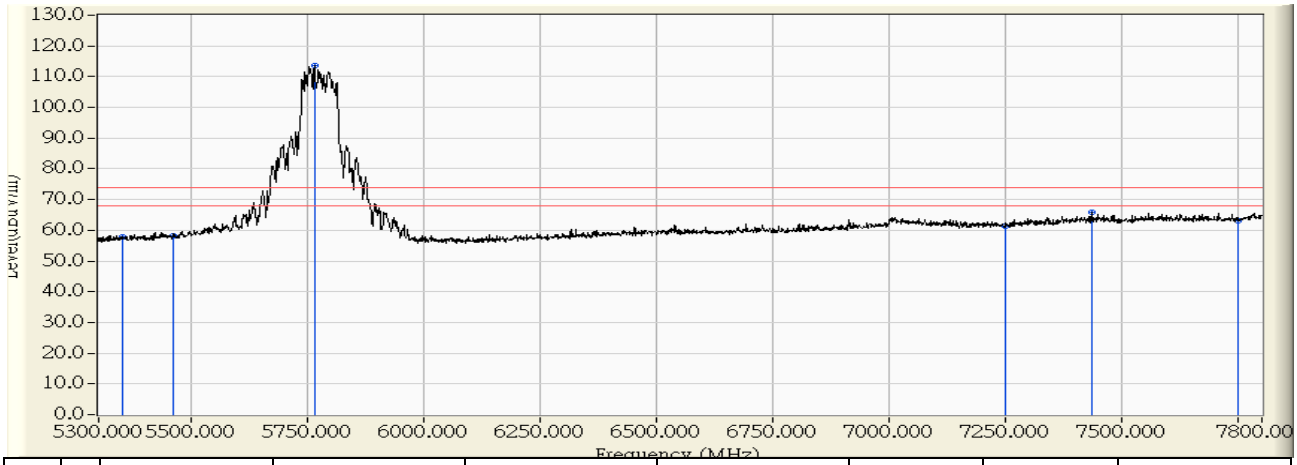


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	42.447	44.789	-9.211	54.000	AVERAGE
2		5460.000	3.250	41.989	45.239	-8.761	54.000	AVERAGE
3	*	5797.251	2.384	95.453	97.837	43.837	54.000	AVERAGE
4		7250.000	6.513	42.703	49.215	-4.785	54.000	AVERAGE
5		7558.871	7.147	44.060	51.207	-2.793	54.000	AVERAGE
6		7750.000	7.475	43.630	51.106	-2.894	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 21:30**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11ac(80MHz)_5775MHz**

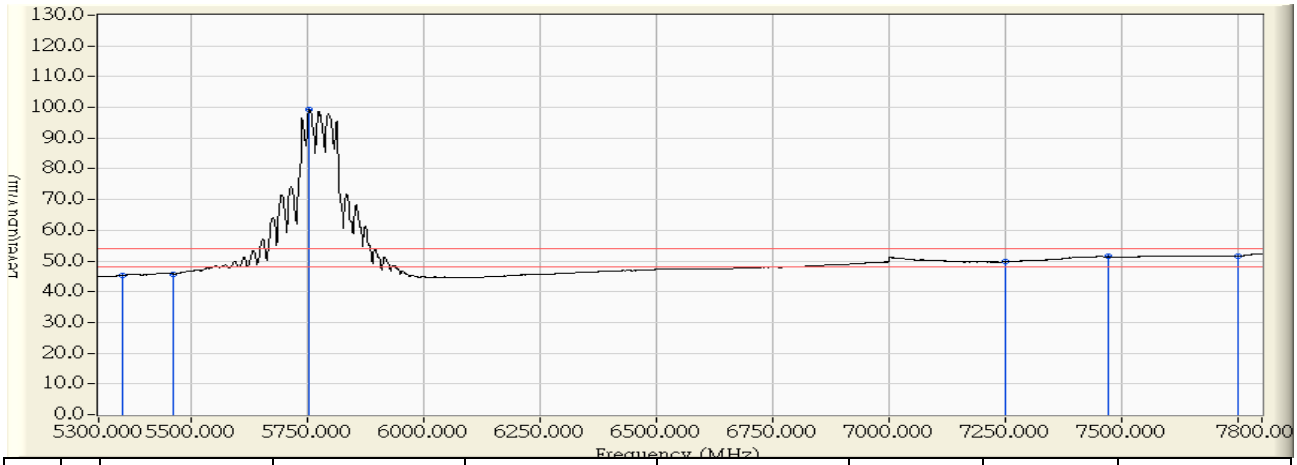


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	55.759	57.784	-16.216	74.000	PEAK
2		5460.000	2.989	55.111	58.099	-15.901	74.000	PEAK
3	*	5763.518	2.387	111.075	113.462	39.462	74.000	PEAK
4		7250.000	7.013	54.453	61.465	-12.535	74.000	PEAK
5		7433.933	7.411	58.553	65.963	-8.037	74.000	PEAK
6		7750.000	7.975	55.230	63.206	-10.794	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 21:32**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11ac(80MHz)_5775MHz**

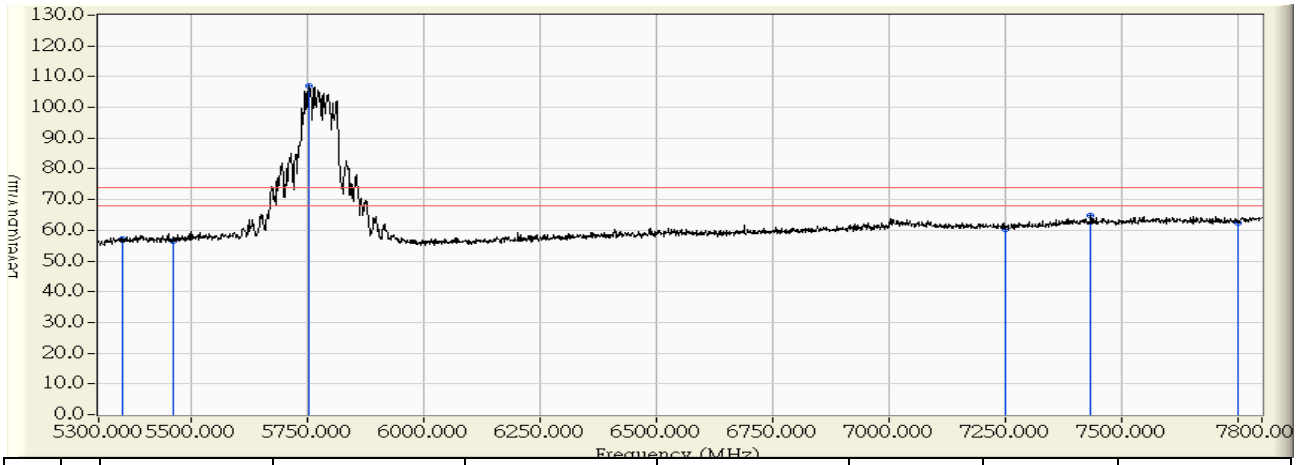


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	43.357	45.382	-8.618	54.000	AVERAGE
2		5460.000	2.989	42.818	45.806	-8.194	54.000	AVERAGE
3	*	5753.523	2.415	97.027	99.443	45.443	54.000	AVERAGE
4		7250.000	7.013	42.658	49.670	-4.330	54.000	AVERAGE
5		7468.916	7.486	43.925	51.411	-2.589	54.000	AVERAGE
6		7750.000	7.975	43.615	51.591	-2.409	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 21:35**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11ac(80MHz)_5775MHz**

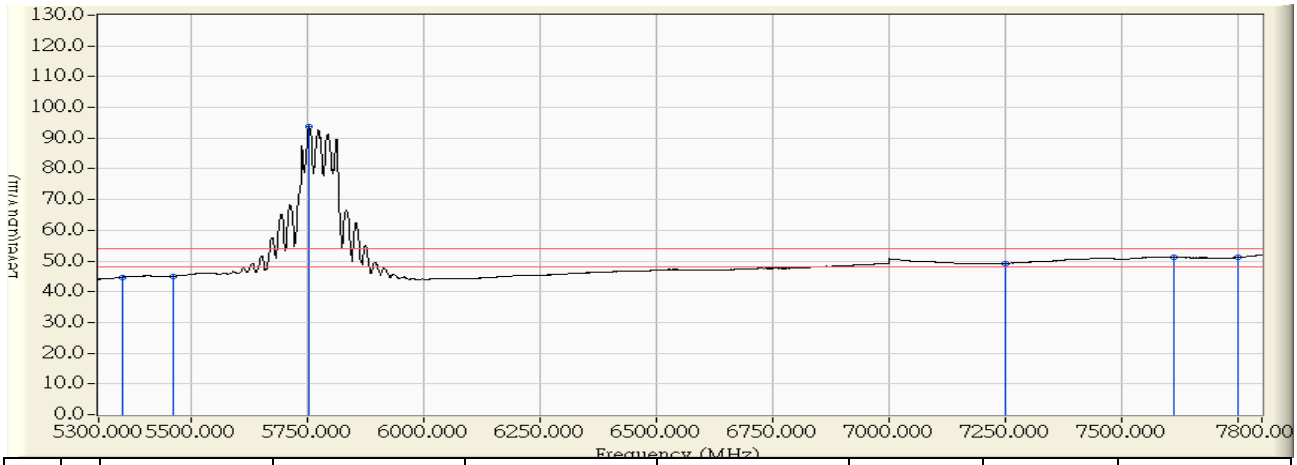


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	54.960	57.302	-16.698	74.000	PEAK
2		5460.000	3.250	53.239	56.489	-17.511	74.000	PEAK
3	*	5753.523	2.530	104.580	107.110	33.110	74.000	PEAK
4		7250.000	6.513	53.895	60.407	-13.593	74.000	PEAK
5		7432.684	6.907	58.084	64.992	-9.008	74.000	PEAK
6		7750.000	7.475	55.073	62.549	-11.451	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/11 - 21:38**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 1: Tx- Horizontal Antenna (AD891M21) 802.11ac(80MHz)_5775MHz**

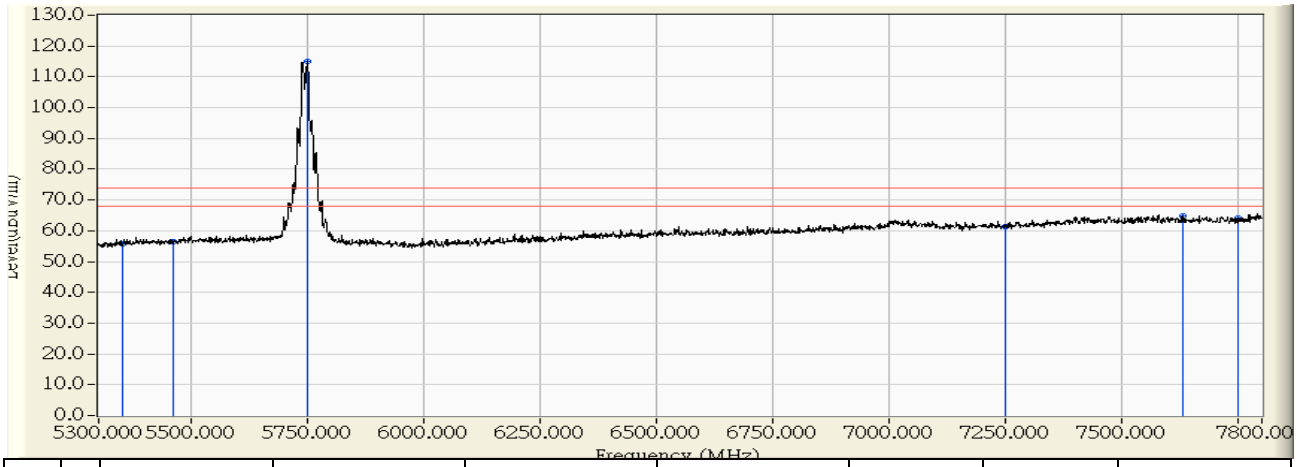


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	42.368	44.710	-9.290	54.000	AVERAGE
2		5460.000	3.250	41.776	45.026	-8.974	54.000	AVERAGE
3	*	5752.274	2.535	91.238	93.773	39.773	54.000	AVERAGE
4		7250.000	6.513	42.698	49.210	-4.790	54.000	AVERAGE
5		7611.344	7.237	43.982	51.219	-2.781	54.000	AVERAGE
6		7750.000	7.475	43.635	51.111	-2.889	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 16:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5745MHz**

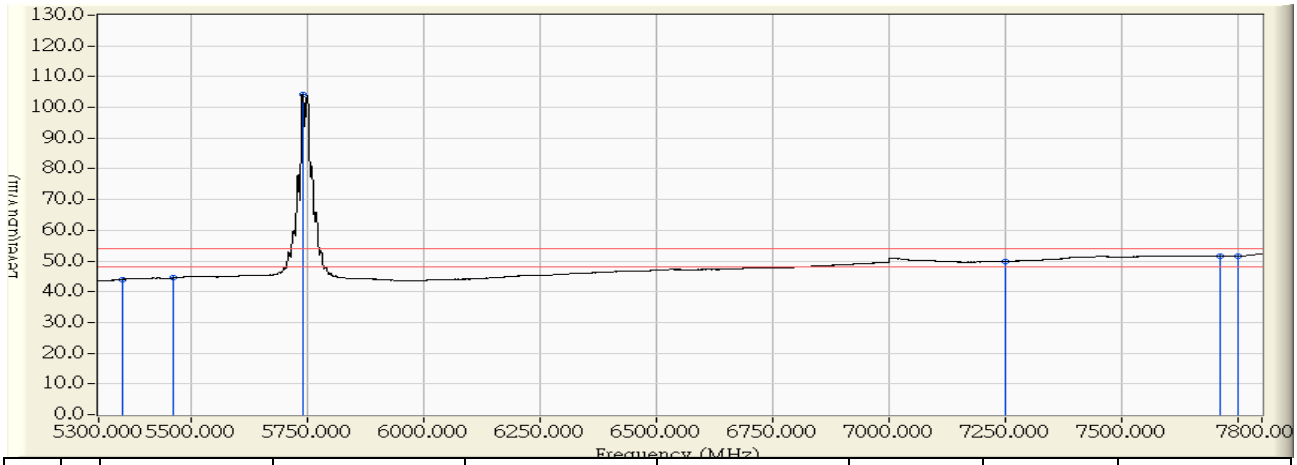


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	53.877	55.902	-18.098	74.000	PEAK
2		5460.000	2.989	53.340	56.328	-17.672	74.000	PEAK
3	*	5748.526	2.430	112.687	115.117	41.117	74.000	PEAK
4		7250.000	7.013	54.389	61.401	-12.599	74.000	PEAK
5		7628.836	7.767	57.020	64.787	-9.213	74.000	PEAK
6		7750.000	7.975	55.986	63.962	-10.038	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 16:12**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5745MHz**

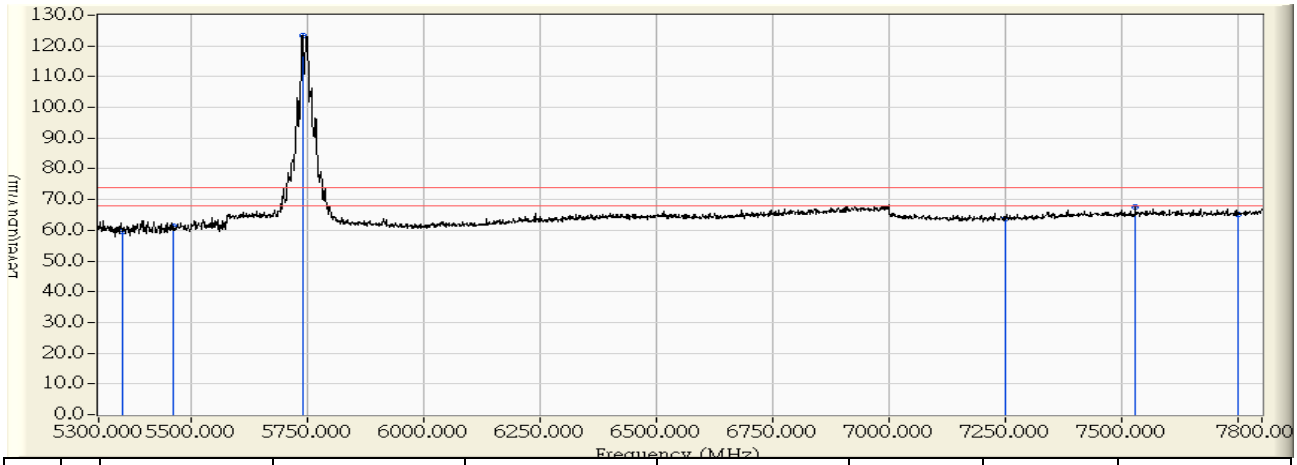


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	42.021	44.046	-9.954	54.000	AVERAGE
2		5460.000	2.989	41.514	44.502	-9.498	54.000	AVERAGE
3	*	5738.531	2.458	101.627	104.086	50.086	54.000	AVERAGE
4		7250.000	7.013	42.733	49.745	-4.255	54.000	AVERAGE
5		7708.796	7.905	43.540	51.445	-2.555	54.000	AVERAGE
6		7750.000	7.975	43.557	51.533	-2.467	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 15:55**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5745MHz**

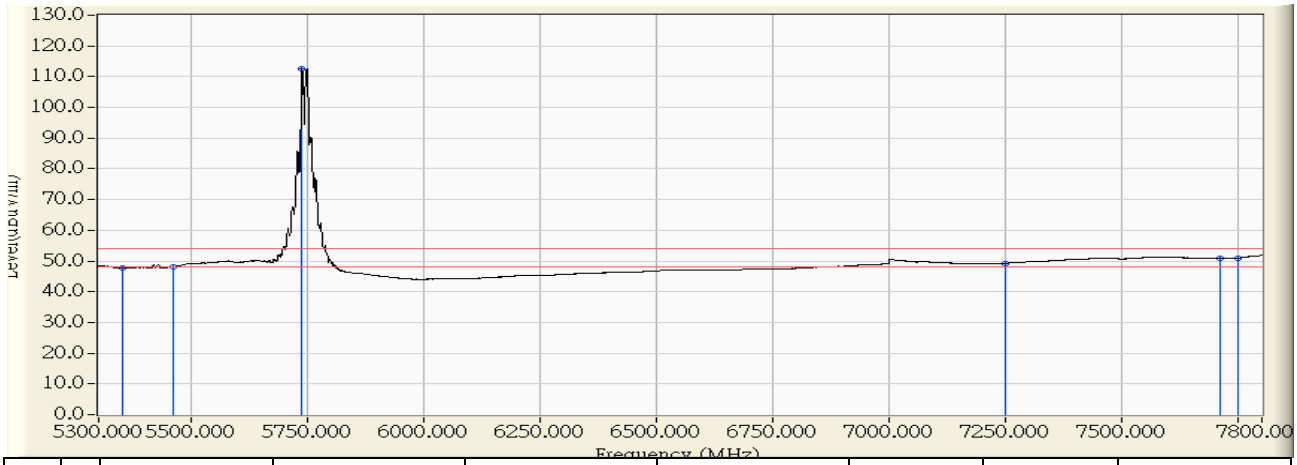


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	57.429	59.771	-14.229	74.000	PEAK
2		5460.000	3.250	58.026	61.276	-12.724	74.000	PEAK
3	*	5738.531	2.581	120.809	123.390	49.390	74.000	PEAK
4		7250.000	6.513	57.144	63.656	-10.344	74.000	PEAK
5		7527.636	7.093	60.529	67.622	-6.378	74.000	PEAK
6		7750.000	7.475	57.859	65.335	-8.665	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 16:00**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5745MHz**

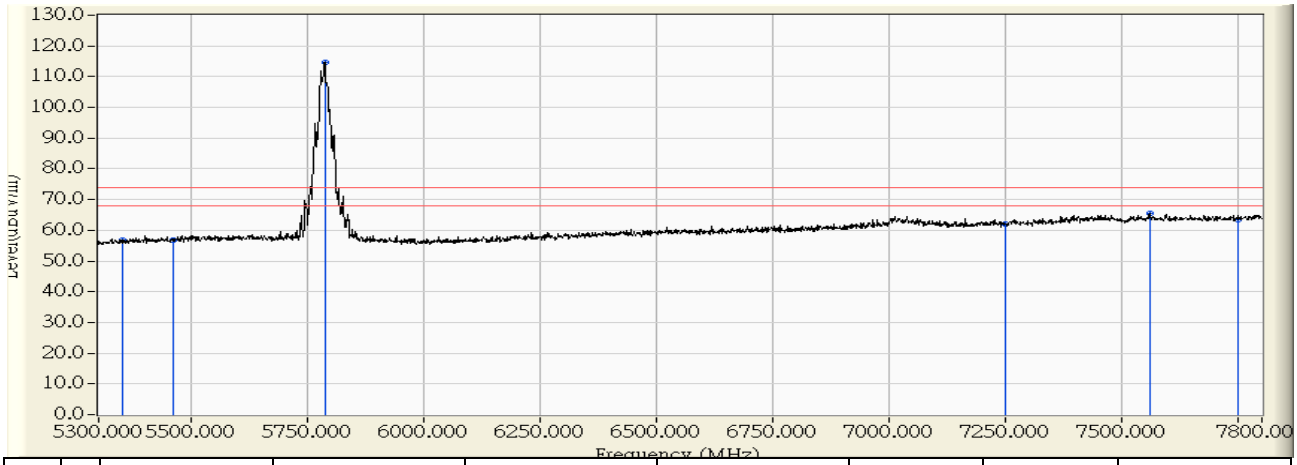


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	45.548	47.890	-6.110	54.000	AVERAGE
2		5460.000	3.250	44.890	48.140	-5.860	54.000	AVERAGE
3	*	5737.281	2.585	109.977	112.562	58.562	54.000	AVERAGE
4		7250.000	6.513	42.737	49.249	-4.751	54.000	AVERAGE
5		7708.796	7.405	43.519	50.924	-3.076	54.000	AVERAGE
6		7750.000	7.475	43.528	51.004	-2.996	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 16:18**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5785MHz**

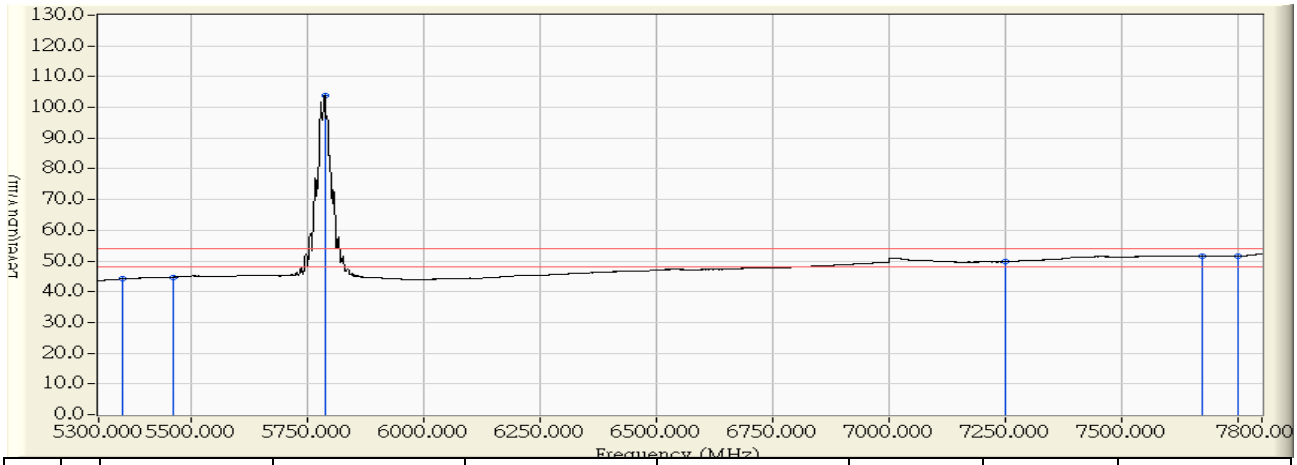


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	54.741	56.766	-17.234	74.000	PEAK
2		5460.000	2.989	53.955	56.943	-17.057	74.000	PEAK
3	*	5786.007	2.323	112.511	114.834	40.834	74.000	PEAK
4		7250.000	7.013	55.031	62.043	-11.957	74.000	PEAK
5		7558.871	7.647	57.818	65.465	-8.535	74.000	PEAK
6		7750.000	7.975	55.301	63.277	-10.723	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 16:22**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5785MHz**

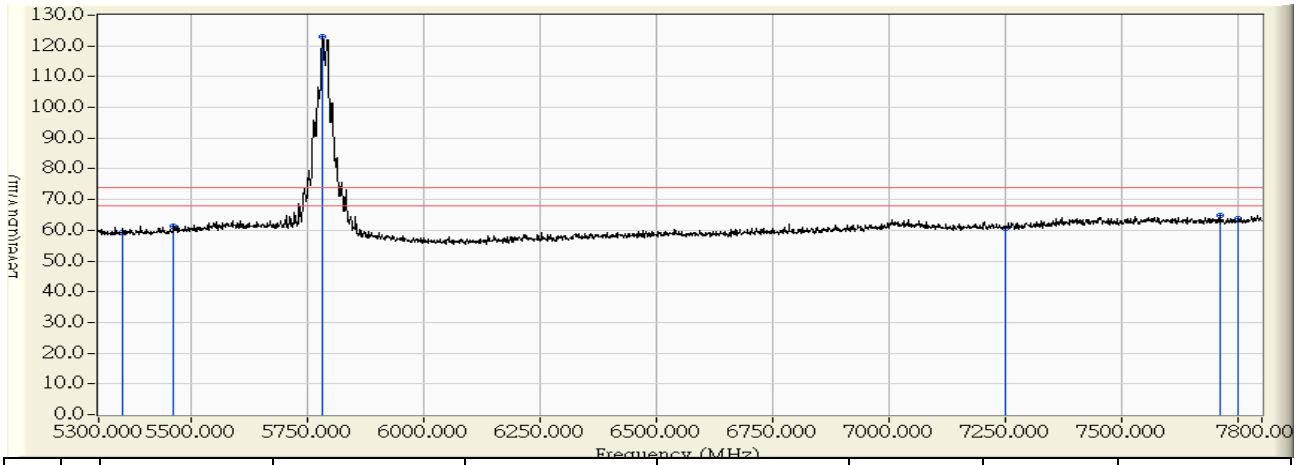


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	42.180	44.205	-9.795	54.000	AVERAGE
2		5460.000	2.989	41.676	44.664	-9.336	54.000	AVERAGE
3	*	5786.007	2.323	101.595	103.918	49.918	54.000	AVERAGE
4		7250.000	7.013	42.685	49.697	-4.303	54.000	AVERAGE
5		7671.314	7.840	43.650	51.490	-2.510	54.000	AVERAGE
6		7750.000	7.975	43.544	51.520	-2.480	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 16:28**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5785MHz**

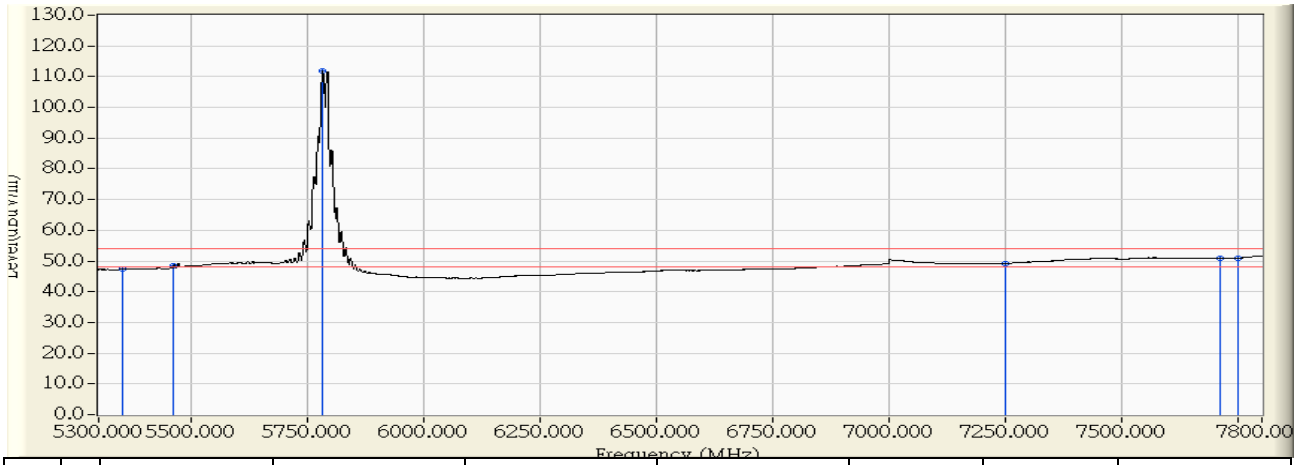


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	56.841	59.183	-14.817	74.000	PEAK
2		5460.000	3.250	58.115	61.365	-12.635	74.000	PEAK
3	*	5781.009	2.438	120.530	122.968	48.968	74.000	PEAK
4		7250.000	6.513	54.227	60.739	-13.261	74.000	PEAK
5		7708.796	7.405	57.474	64.879	-9.121	74.000	PEAK
6		7750.000	7.475	56.184	63.660	-10.340	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 16:33**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5785MHz**

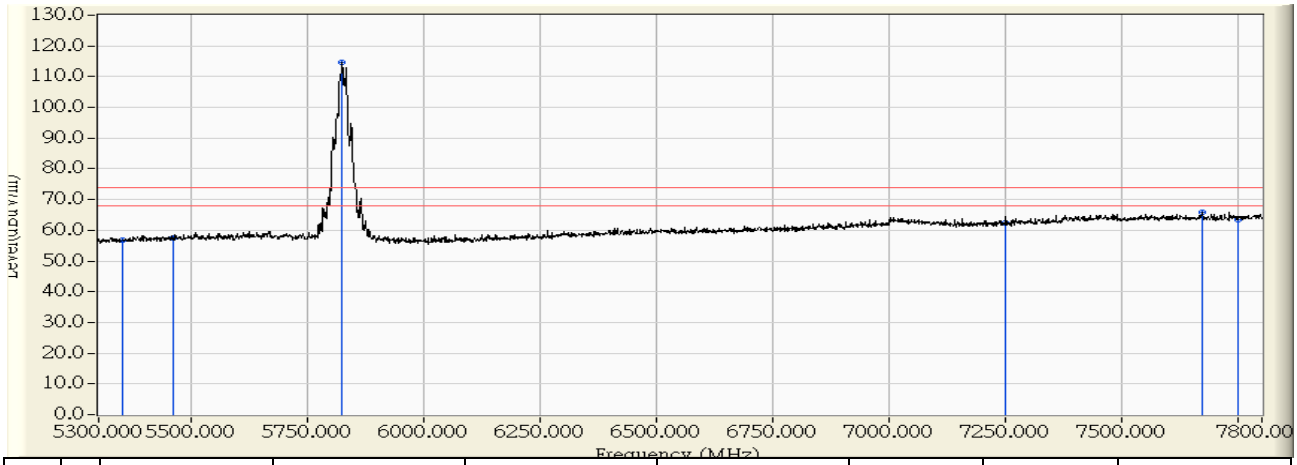


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	44.930	47.272	-6.728	54.000	AVERAGE
2		5460.000	3.250	45.031	48.281	-5.719	54.000	AVERAGE
3	*	5781.009	2.438	109.521	111.959	57.959	54.000	AVERAGE
4		7250.000	6.513	42.673	49.185	-4.815	54.000	AVERAGE
5		7708.796	7.405	43.546	50.951	-3.049	54.000	AVERAGE
6		7750.000	7.475	43.484	50.960	-3.040	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 16:51**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5825MHz**

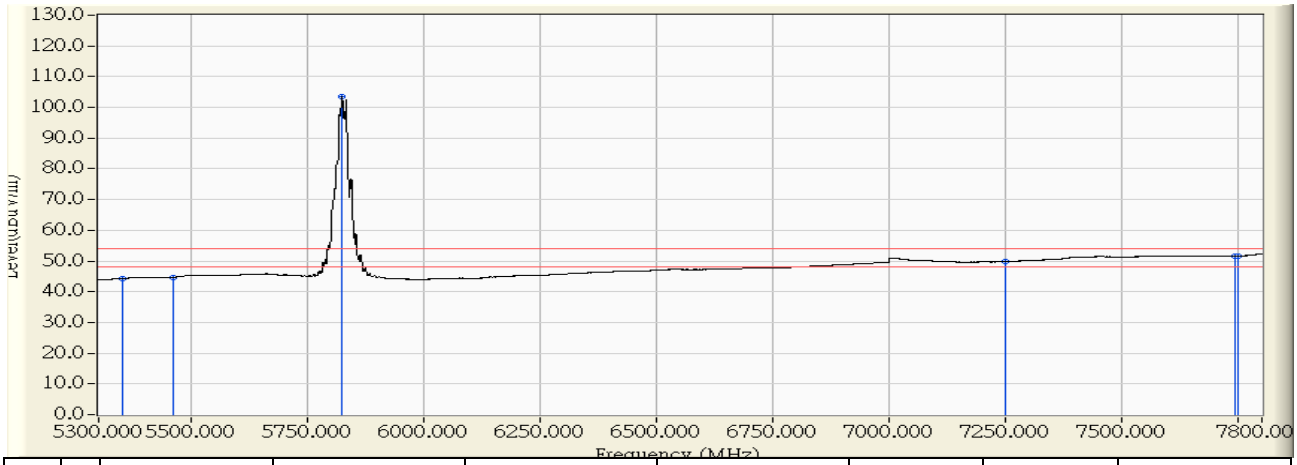


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	54.627	56.652	-17.348	74.000	PEAK
2		5460.000	2.989	54.389	57.377	-16.623	74.000	PEAK
3	*	5823.488	2.216	112.368	114.584	40.584	74.000	PEAK
4		7250.000	7.013	55.303	62.315	-11.685	74.000	PEAK
5		7671.314	7.840	57.972	65.812	-8.188	74.000	PEAK
6		7750.000	7.975	55.595	63.571	-10.429	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 16:53**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5825MHz**

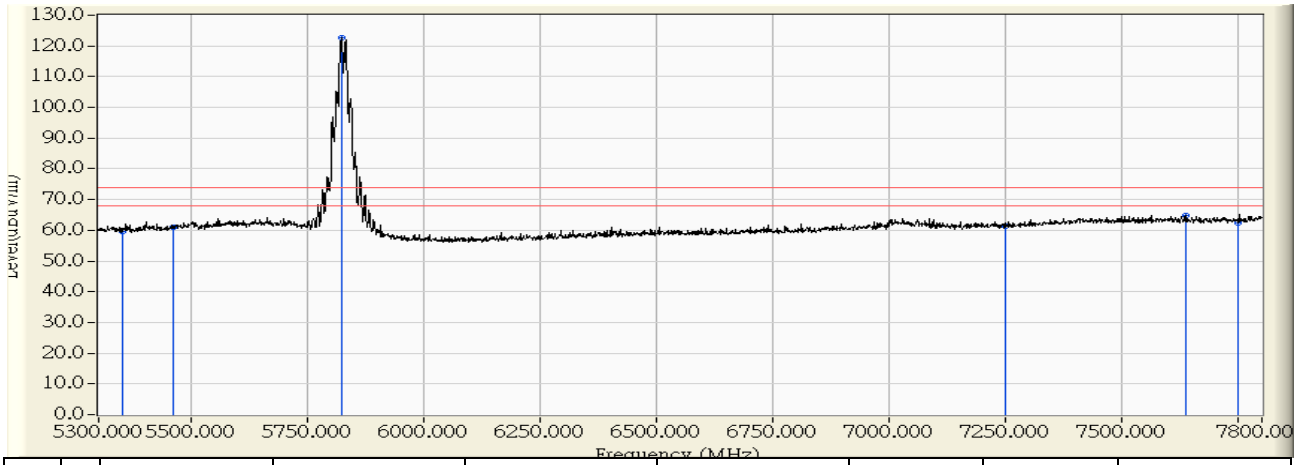


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	42.308	44.333	-9.667	54.000	AVERAGE
2		5460.000	2.989	41.676	44.664	-9.336	54.000	AVERAGE
3	*	5822.239	2.219	101.404	103.624	49.624	54.000	AVERAGE
4		7250.000	7.013	42.728	49.740	-4.260	54.000	AVERAGE
5		7741.279	7.961	43.553	51.514	-2.486	54.000	AVERAGE
6		7750.000	7.975	43.551	51.527	-2.473	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 16:57**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5825MHz**

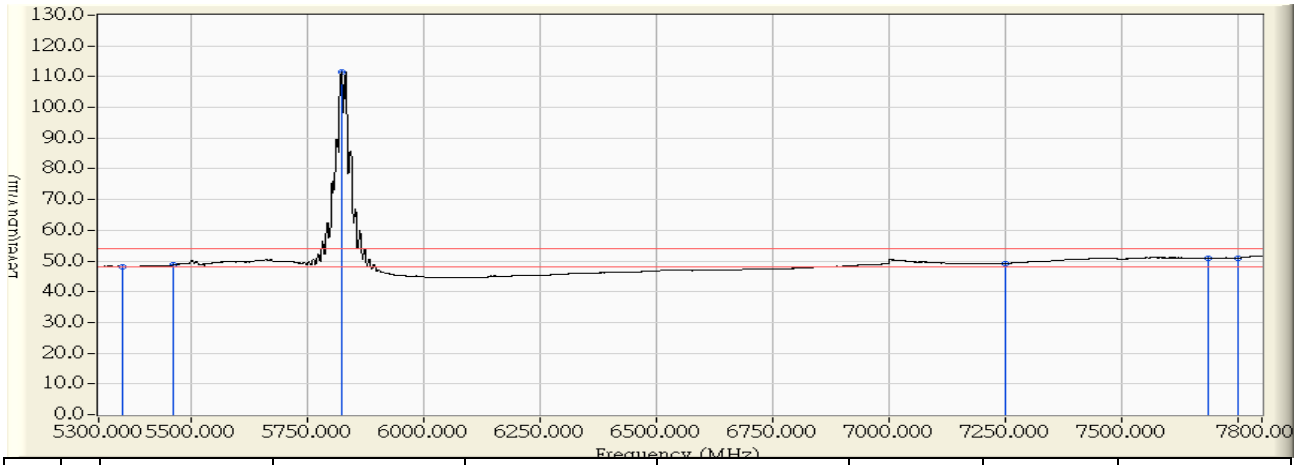


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	57.404	59.746	-14.254	74.000	PEAK
2		5460.000	3.250	57.612	60.862	-13.138	74.000	PEAK
3	*	5822.239	2.300	120.456	122.756	48.756	74.000	PEAK
4		7250.000	6.513	54.866	61.378	-12.622	74.000	PEAK
5		7635.082	7.277	57.567	64.845	-9.155	74.000	PEAK
6		7750.000	7.475	55.072	62.548	-11.452	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 17:00**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11a_5825MHz**

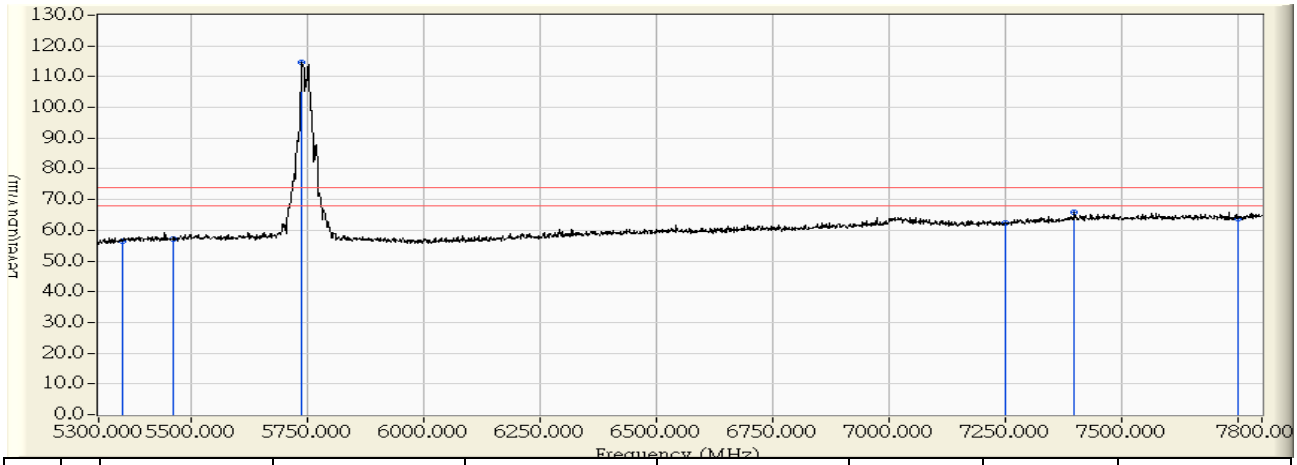


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	45.814	48.156	-5.844	54.000	AVERAGE
2		5460.000	3.250	45.421	48.671	-5.329	54.000	AVERAGE
3	*	5822.239	2.300	109.333	111.633	57.633	54.000	AVERAGE
4		7250.000	6.513	42.718	49.230	-4.770	54.000	AVERAGE
5		7683.808	7.362	43.632	50.994	-3.006	54.000	AVERAGE
6		7750.000	7.475	43.522	50.998	-3.002	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 17:06**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11N(20MHz)_5745MHz**

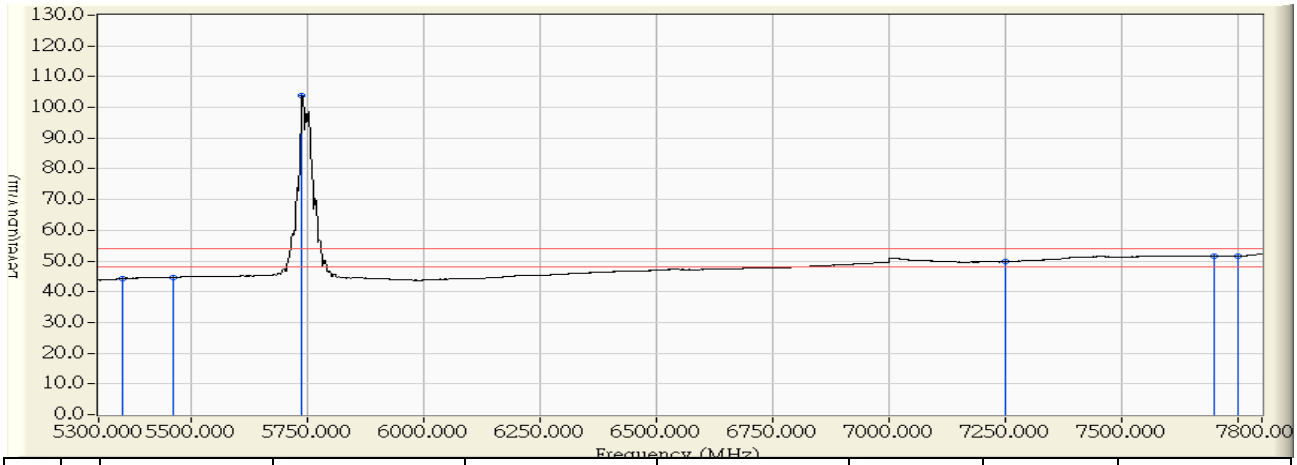


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	54.591	56.616	-17.384	74.000	PEAK
2		5460.000	2.989	54.310	57.298	-16.702	74.000	PEAK
3	*	5737.281	2.462	112.372	114.834	40.834	74.000	PEAK
4		7250.000	7.013	55.283	62.295	-11.705	74.000	PEAK
5		7396.452	7.329	58.596	65.925	-8.075	74.000	PEAK
6		7750.000	7.975	55.857	63.833	-10.167	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 17:09**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11N(20MHz)_5745MHz**

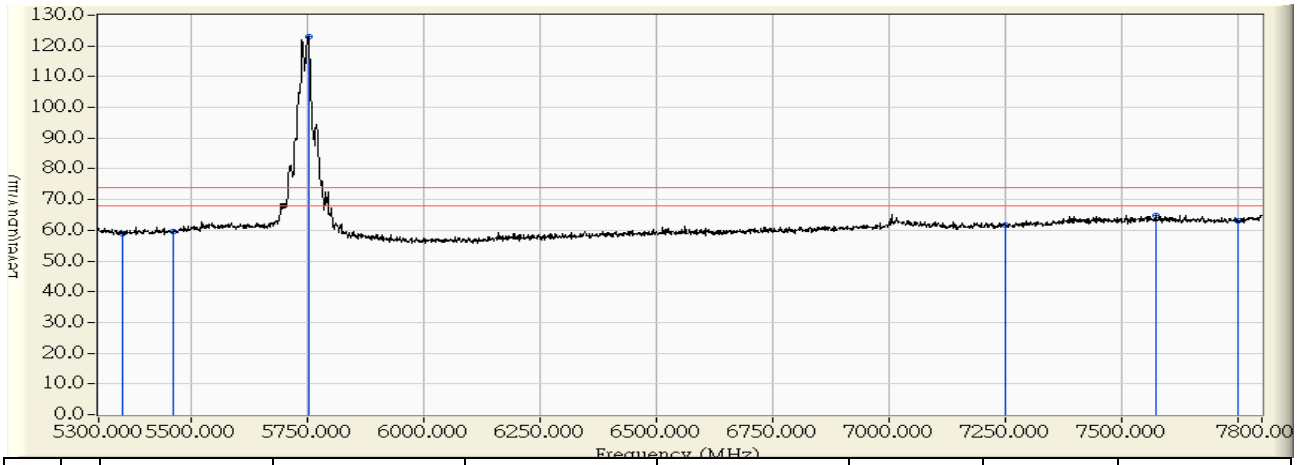


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	42.279	44.304	-9.696	54.000	AVERAGE
2		5460.000	2.989	41.620	44.608	-9.392	54.000	AVERAGE
3	*	5737.281	2.462	101.379	103.841	49.841	54.000	AVERAGE
4		7250.000	7.013	42.704	49.716	-4.284	54.000	AVERAGE
5		7696.302	7.883	43.570	51.453	-2.547	54.000	AVERAGE
6		7750.000	7.975	43.583	51.559	-2.441	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 17:21**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11N(20MHz)_5745MHz**

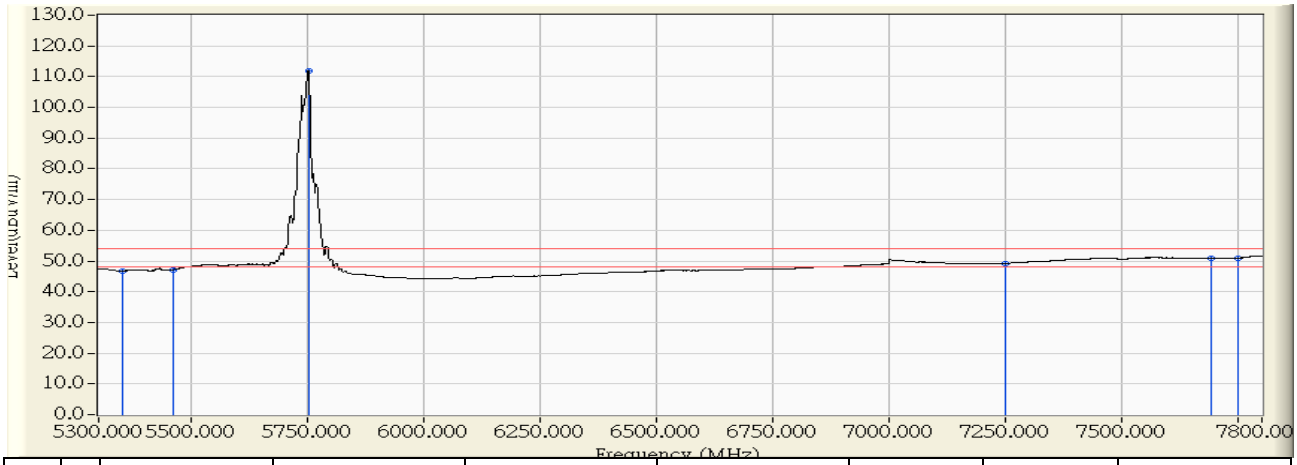


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	56.446	58.788	-15.212	74.000	PEAK
2		5460.000	3.250	56.351	59.601	-14.399	74.000	PEAK
3	*	5751.024	2.539	120.586	123.125	49.125	74.000	PEAK
4		7250.000	6.513	55.157	61.669	-12.331	74.000	PEAK
5		7572.614	7.171	57.627	64.797	-9.203	74.000	PEAK
6		7750.000	7.475	55.532	63.008	-10.992	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 17:26**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11N(20MHz)_5745MHz**

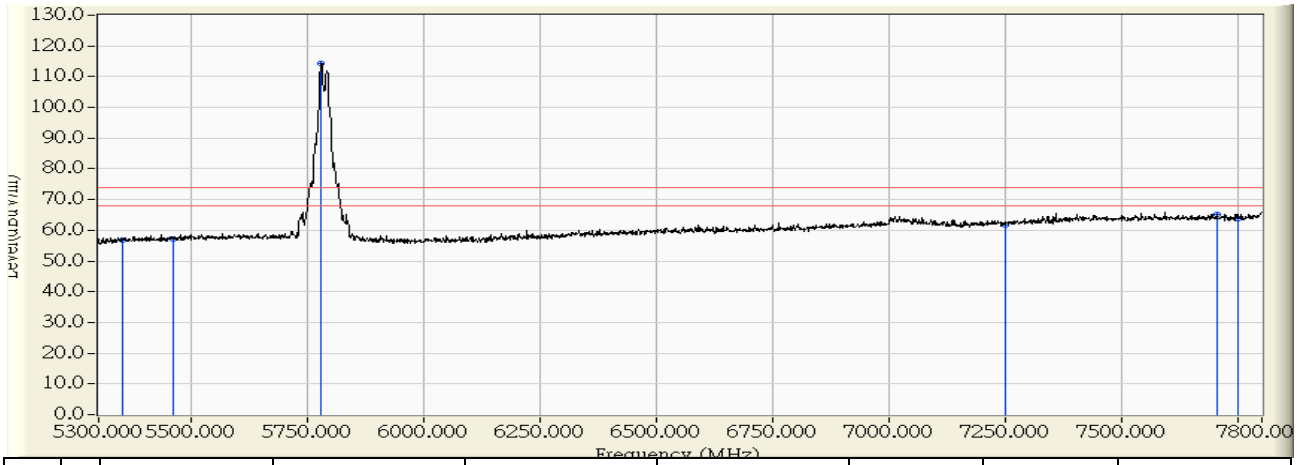


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	44.480	46.822	-7.178	54.000	AVERAGE
2		5460.000	3.250	43.964	47.214	-6.786	54.000	AVERAGE
3	*	5751.024	2.539	109.443	111.982	57.982	54.000	AVERAGE
4		7250.000	6.513	42.729	49.241	-4.759	54.000	AVERAGE
5		7690.055	7.372	43.574	50.947	-3.053	54.000	AVERAGE
6		7750.000	7.475	43.523	50.999	-3.001	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 17:43**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11N(20MHz)_5785MHz**

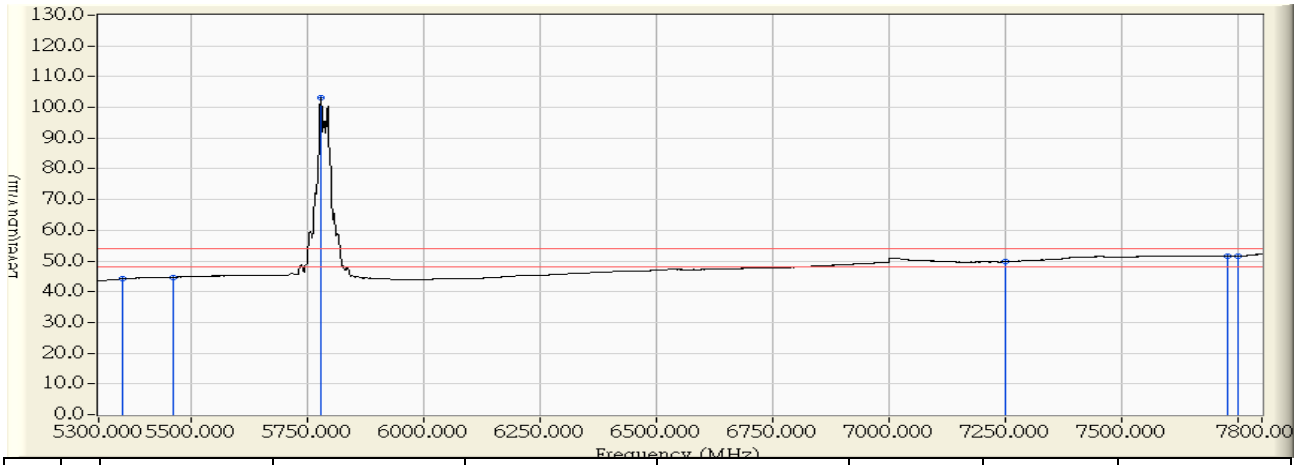


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	54.922	56.947	-17.053	74.000	PEAK
2		5460.000	2.989	54.034	57.022	-16.978	74.000	PEAK
3	*	5777.261	2.348	112.056	114.404	40.404	74.000	PEAK
4		7250.000	7.013	54.788	61.800	-12.200	74.000	PEAK
5		7702.549	7.894	57.387	65.281	-8.719	74.000	PEAK
6		7750.000	7.975	55.908	63.884	-10.116	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 17:50**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11N(20MHz)_5785MHz**

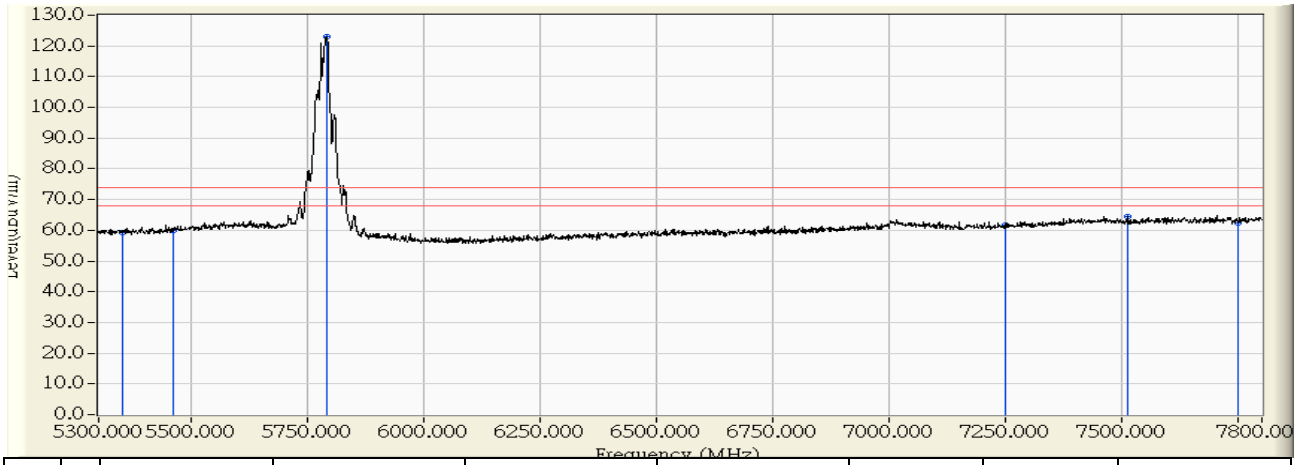


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	42.132	44.157	-9.843	54.000	AVERAGE
2		5460.000	2.989	41.646	44.634	-9.366	54.000	AVERAGE
3	*	5776.012	2.352	100.948	103.300	49.300	54.000	AVERAGE
4		7250.000	7.013	42.706	49.718	-4.282	54.000	AVERAGE
5		7725.037	7.932	43.533	51.466	-2.534	54.000	AVERAGE
6		7750.000	7.975	43.565	51.541	-2.459	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 17:54**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11N(20MHz)_5785MHz**

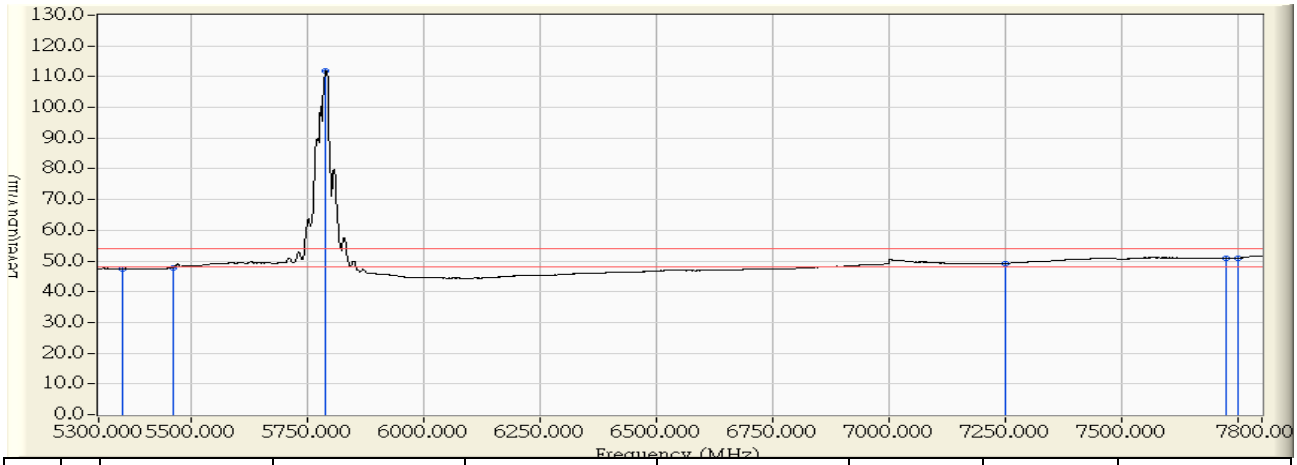


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	57.058	59.400	-14.600	74.000	PEAK
2		5460.000	3.250	56.614	59.864	-14.136	74.000	PEAK
3	*	5789.755	2.409	120.736	123.145	49.145	74.000	PEAK
4		7250.000	6.513	55.214	61.726	-12.274	74.000	PEAK
5		7510.145	7.063	57.309	64.372	-9.628	74.000	PEAK
6		7750.000	7.475	55.049	62.525	-11.475	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 17:57**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11N(20MHz)_5785MHz**

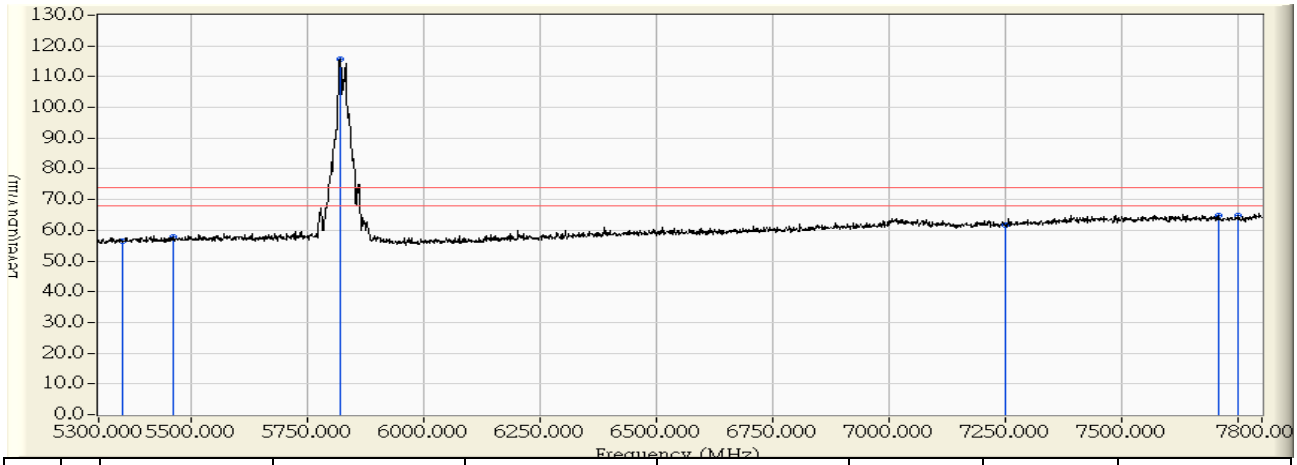


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	45.147	47.489	-6.511	54.000	AVERAGE
2		5460.000	3.250	44.555	47.805	-6.195	54.000	AVERAGE
3	*	5788.506	2.413	109.566	111.979	57.979	54.000	AVERAGE
4		7250.000	6.513	42.720	49.232	-4.768	54.000	AVERAGE
5		7722.539	7.428	43.513	50.941	-3.059	54.000	AVERAGE
6		7750.000	7.475	43.526	51.002	-2.998	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 18:39**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5825MHz**

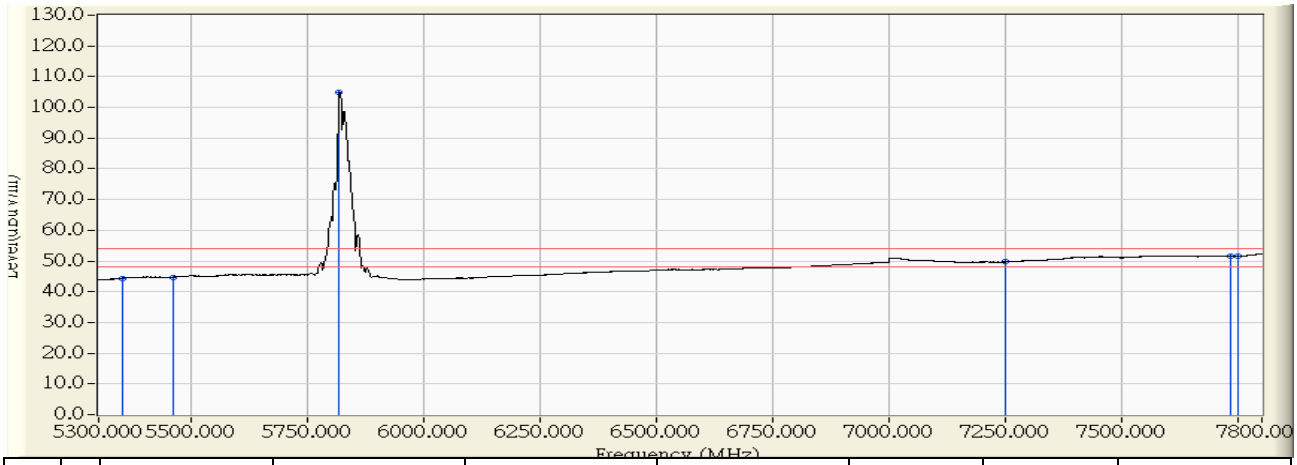


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	54.534	56.559	-17.441	74.000	PEAK
2		5460.000	2.989	54.708	57.696	-16.304	74.000	PEAK
3	*	5818.491	2.231	113.608	115.838	41.838	74.000	PEAK
4		7250.000	7.013	54.522	61.534	-12.466	74.000	PEAK
5		7706.297	7.900	56.834	64.734	-9.266	74.000	PEAK
6		7750.000	7.975	56.890	64.866	-9.134	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 18:43**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5825MHz**

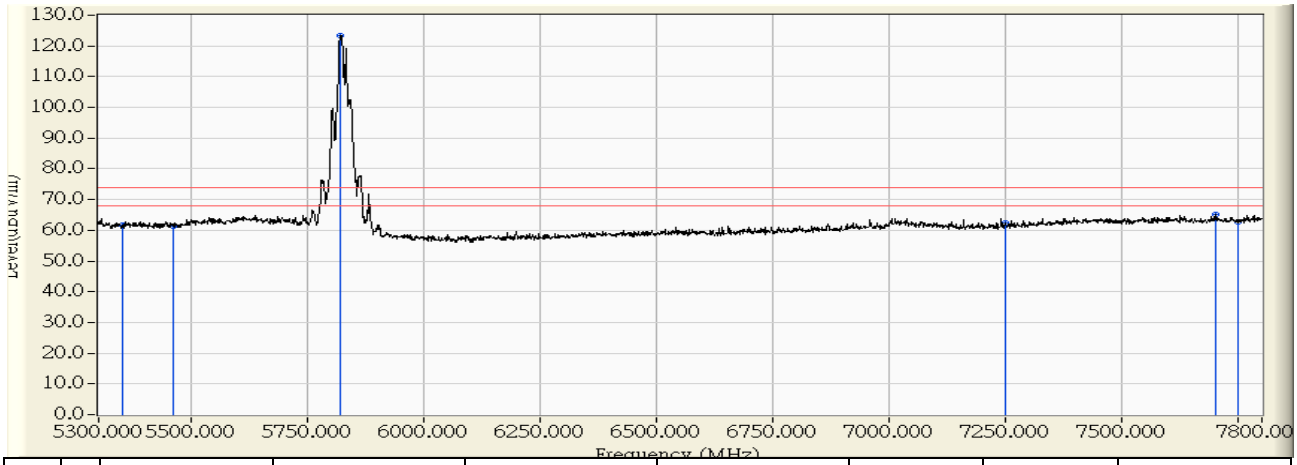


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	42.366	44.391	-9.609	54.000	AVERAGE
2		5460.000	2.989	41.760	44.748	-9.252	54.000	AVERAGE
3	*	5817.241	2.234	102.661	104.895	50.895	54.000	AVERAGE
4		7250.000	7.013	42.676	49.688	-4.312	54.000	AVERAGE
5		7731.284	7.944	43.540	51.483	-2.517	54.000	AVERAGE
6		7750.000	7.975	43.544	51.520	-2.480	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 18:47**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5825MHz**

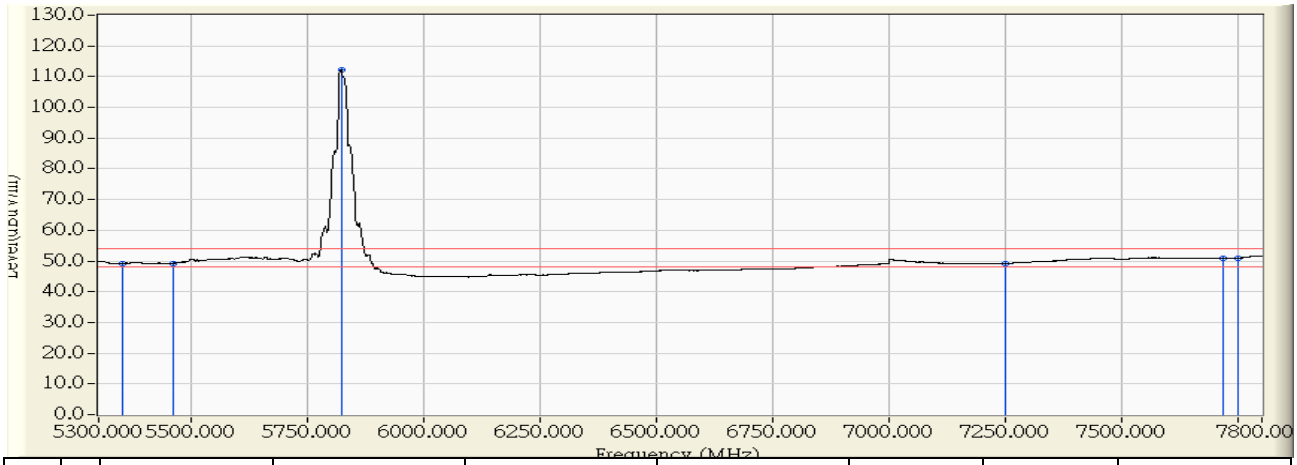


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	59.411	61.753	-12.247	74.000	PEAK
2		5460.000	3.250	58.111	61.361	-12.639	74.000	PEAK
3	*	5819.740	2.308	121.114	123.422	49.422	74.000	PEAK
4		7250.000	6.513	55.723	62.235	-11.765	74.000	PEAK
5		7700.050	7.389	57.700	65.090	-8.910	74.000	PEAK
6		7750.000	7.475	55.097	62.573	-11.427	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 18:58**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(20MHz)_5825MHz**

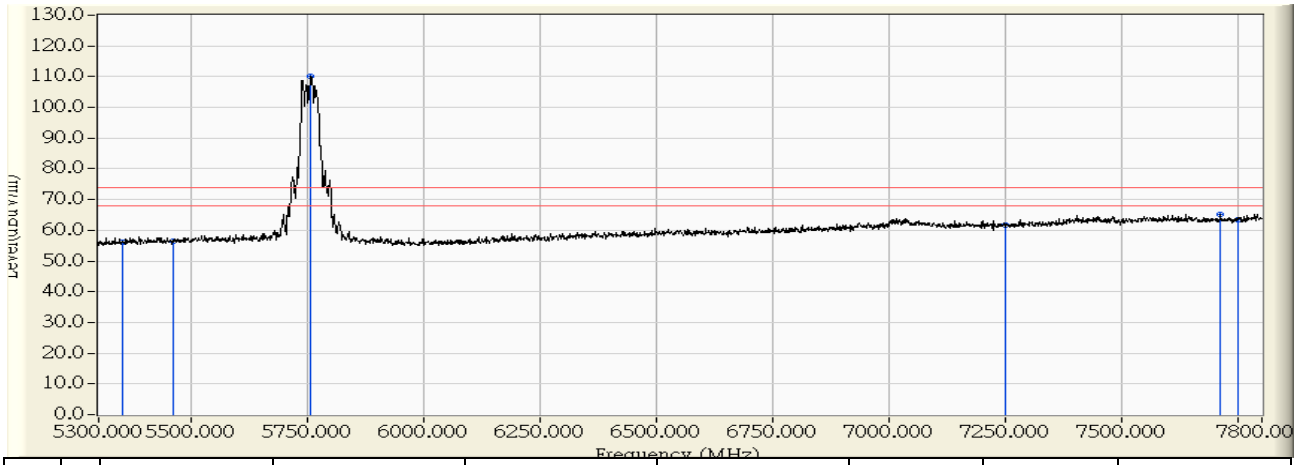


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	46.845	49.187	-4.813	54.000	AVERAGE
2		5460.000	3.250	46.014	49.264	-4.736	54.000	AVERAGE
3	*	5820.989	2.304	109.970	112.274	58.274	54.000	AVERAGE
4		7250.000	6.513	42.626	49.138	-4.862	54.000	AVERAGE
5		7716.292	7.418	43.548	50.966	-3.034	54.000	AVERAGE
6		7750.000	7.475	43.534	51.010	-2.990	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 19:39**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5755MHz**

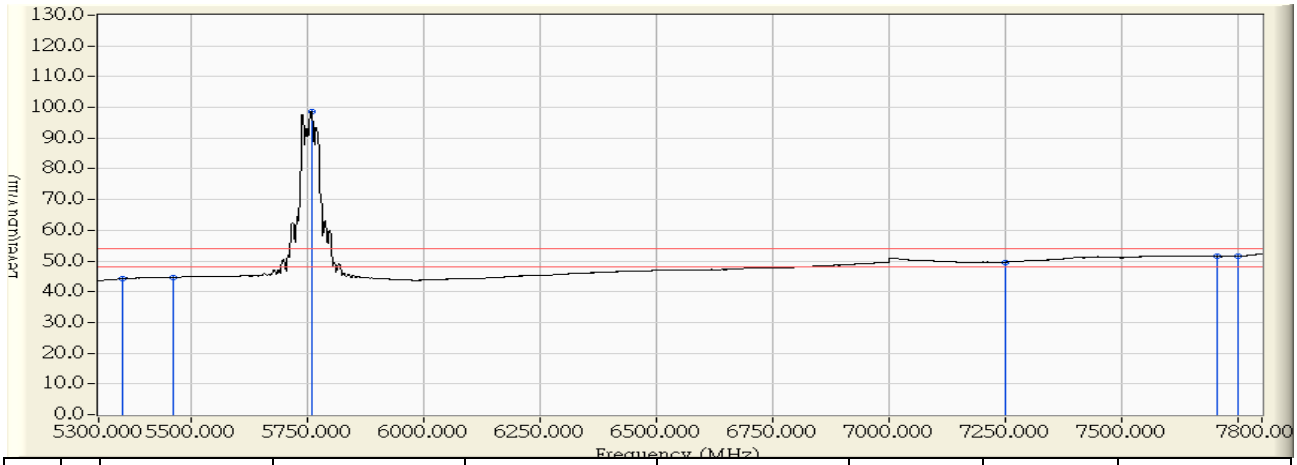


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	54.217	56.242	-17.758	74.000	PEAK
2		5460.000	2.989	53.304	56.292	-17.708	74.000	PEAK
3	*	5756.022	2.409	107.716	110.125	36.125	74.000	PEAK
4		7250.000	7.013	54.747	61.759	-12.241	74.000	PEAK
5		7711.294	7.909	57.277	65.186	-8.814	74.000	PEAK
6		7750.000	7.975	55.432	63.408	-10.592	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 19:49**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5755MHz**

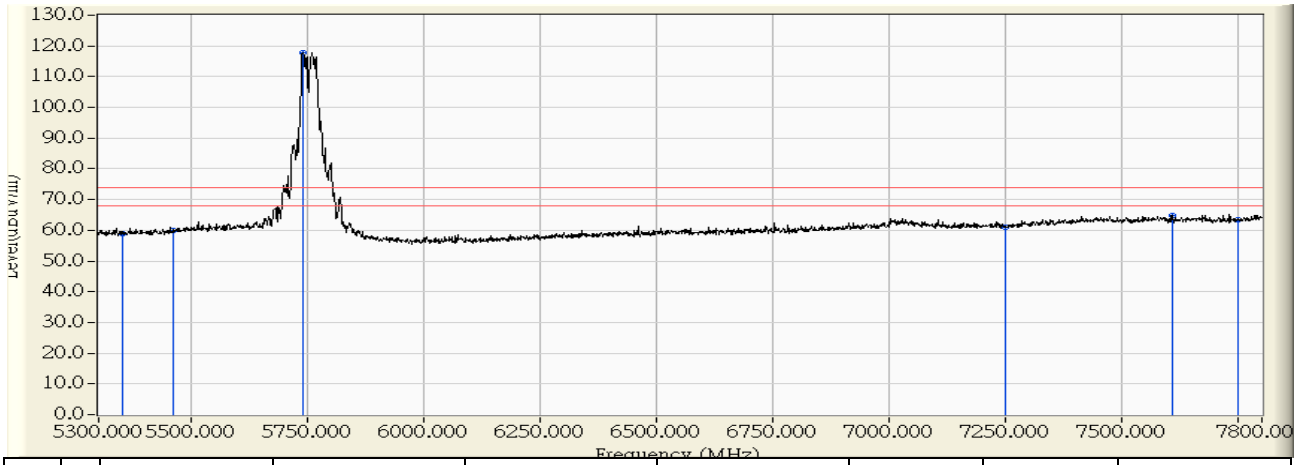


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	42.222	44.247	-9.753	54.000	AVERAGE
2		5460.000	2.989	41.550	44.538	-9.462	54.000	AVERAGE
3	*	5757.271	2.405	96.369	98.774	44.774	54.000	AVERAGE
4		7250.000	7.013	42.627	49.639	-4.361	54.000	AVERAGE
5		7702.549	7.894	43.519	51.413	-2.587	54.000	AVERAGE
6		7750.000	7.975	43.524	51.500	-2.500	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 19:55**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5755MHz**

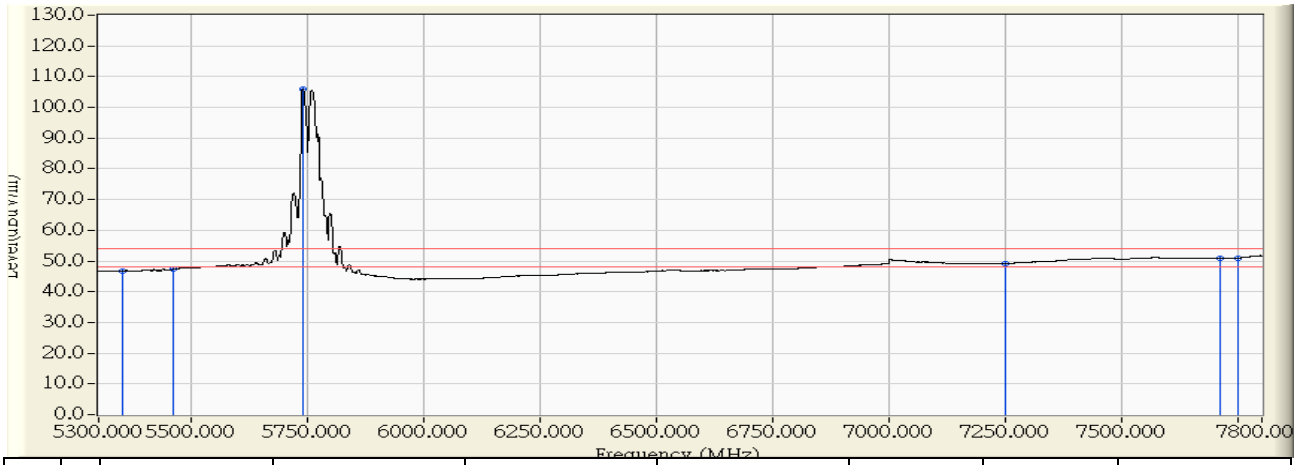


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	56.622	58.964	-15.036	74.000	PEAK
2		5460.000	3.250	56.758	60.008	-13.992	74.000	PEAK
3	*	5738.531	2.581	115.385	117.966	43.966	74.000	PEAK
4		7250.000	6.513	54.601	61.113	-12.887	74.000	PEAK
5		7607.596	7.231	57.508	64.738	-9.262	74.000	PEAK
6		7750.000	7.475	55.895	63.371	-10.629	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 20:00**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5755MHz**

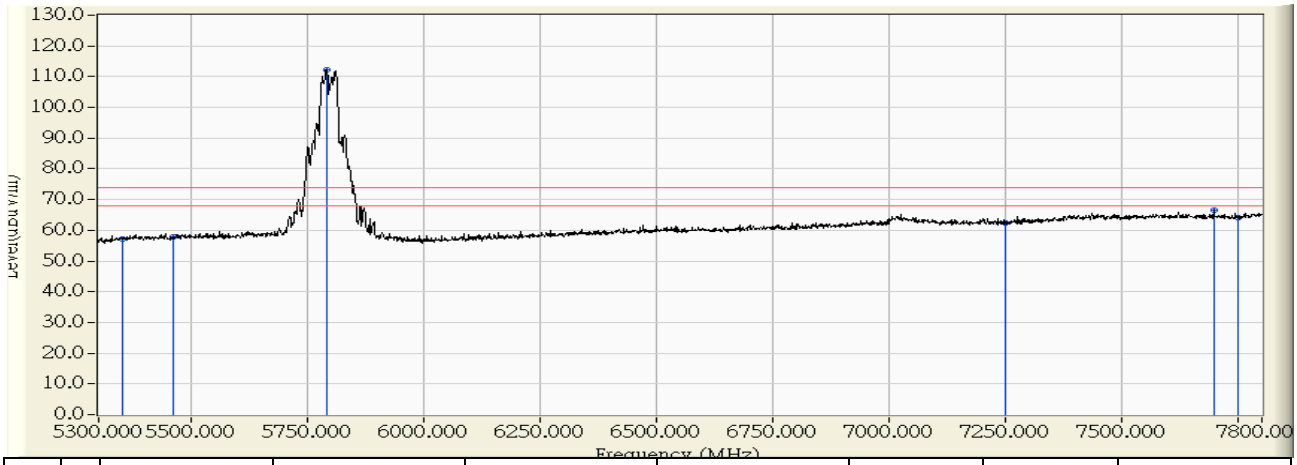


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	44.392	46.734	-7.266	54.000	AVERAGE
2		5460.000	3.250	44.035	47.285	-6.715	54.000	AVERAGE
3	*	5738.531	2.581	103.224	105.805	51.805	54.000	AVERAGE
4		7250.000	6.513	42.665	49.177	-4.823	54.000	AVERAGE
5		7708.796	7.405	43.523	50.928	-3.072	54.000	AVERAGE
6		7750.000	7.475	43.533	51.009	-2.991	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 20:14**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5795MHz**

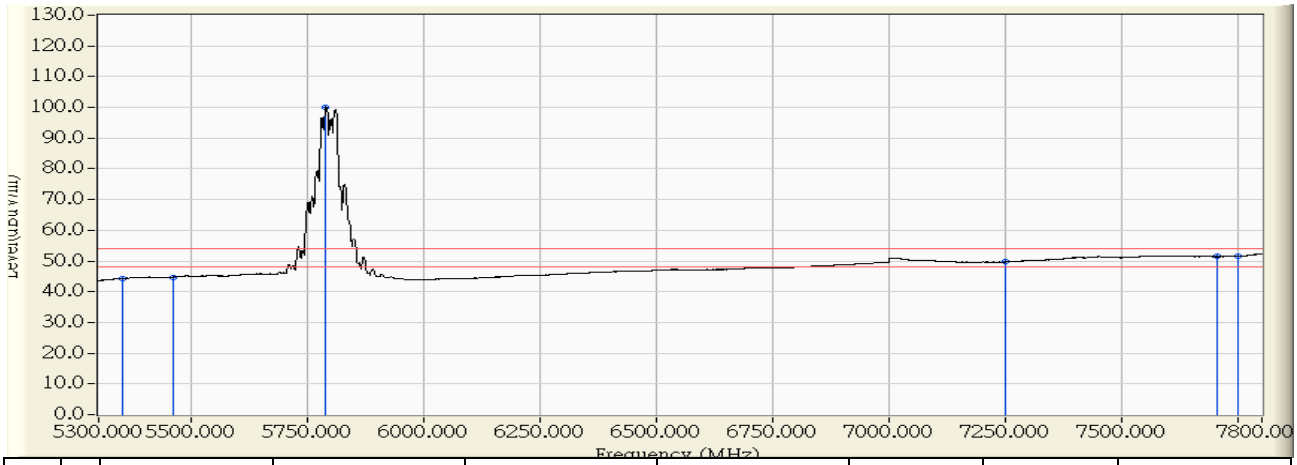


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	55.003	57.028	-16.972	74.000	PEAK
2		5460.000	2.989	54.812	57.800	-16.200	74.000	PEAK
3	*	5789.755	2.313	109.868	112.180	38.180	74.000	PEAK
4		7250.000	7.013	55.203	62.215	-11.785	74.000	PEAK
5		7696.302	7.883	58.514	66.397	-7.603	74.000	PEAK
6		7750.000	7.975	56.228	64.204	-9.796	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 20:22**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5795MHz**

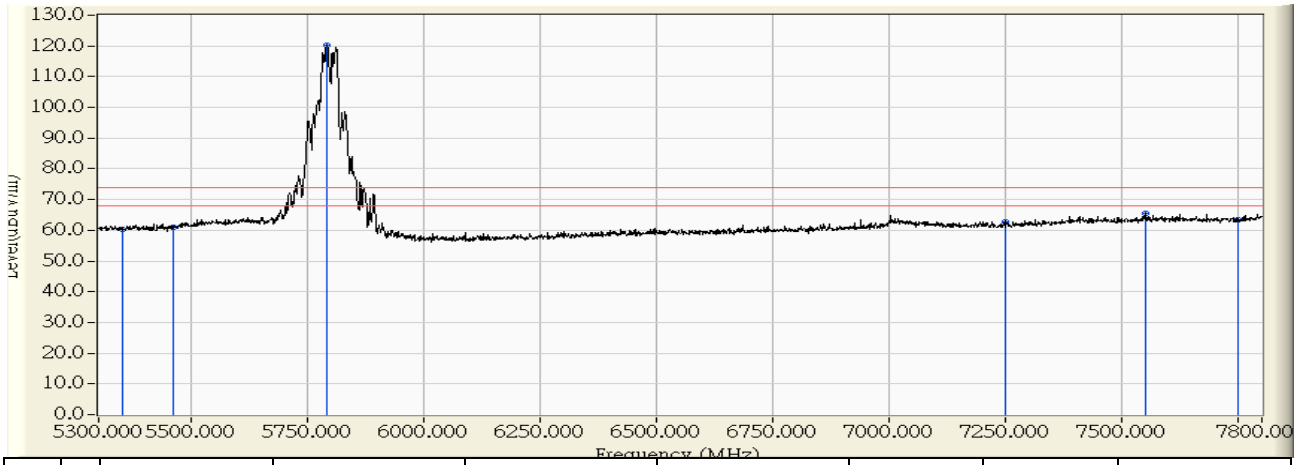


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	42.315	44.340	-9.660	54.000	AVERAGE
2		5460.000	2.989	41.789	44.777	-9.223	54.000	AVERAGE
3	*	5788.506	2.315	97.630	99.946	45.946	54.000	AVERAGE
4		7250.000	7.013	42.672	49.684	-4.316	54.000	AVERAGE
5		7702.549	7.894	43.551	51.445	-2.555	54.000	AVERAGE
6		7750.000	7.975	43.560	51.536	-2.464	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 20:35**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5795MHz**

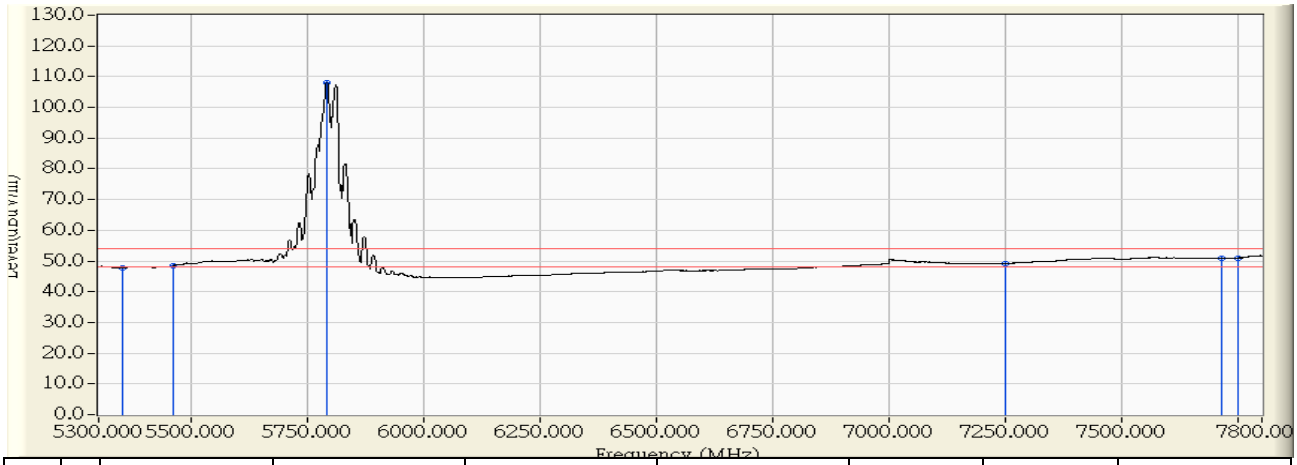


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	58.050	60.392	-13.608	74.000	PEAK
2		5460.000	3.250	57.837	61.087	-12.913	74.000	PEAK
3	*	5791.004	2.405	117.874	120.279	46.279	74.000	PEAK
4		7250.000	6.513	56.260	62.772	-11.228	74.000	PEAK
5		7551.374	7.134	58.519	65.653	-8.347	74.000	PEAK
6		7750.000	7.475	55.840	63.316	-10.684	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 20:38**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11n(40MHz)_5795MHz**

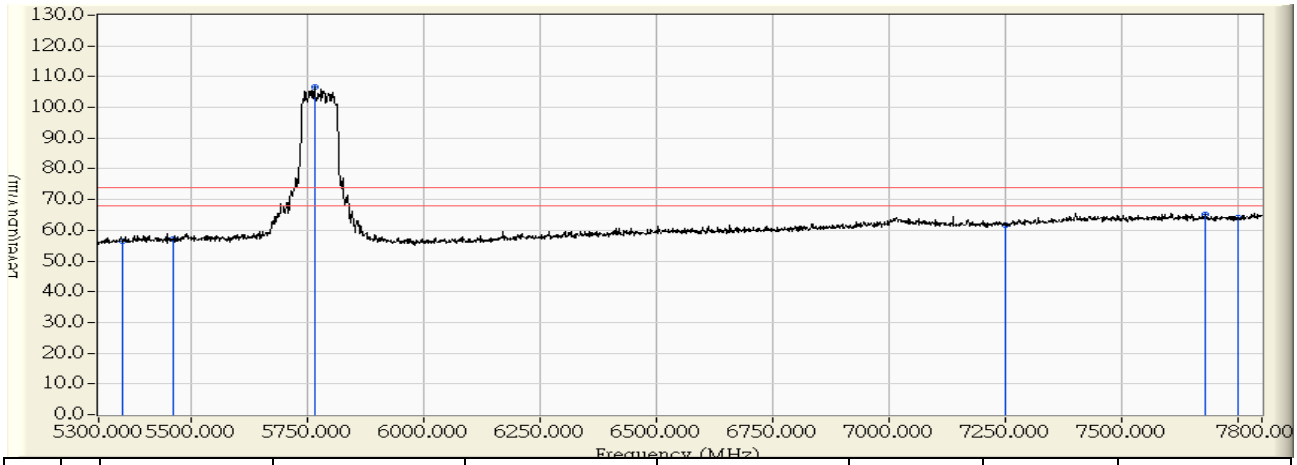


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	45.475	47.817	-6.183	54.000	AVERAGE
2		5460.000	3.250	45.137	48.387	-5.613	54.000	AVERAGE
3	*	5791.004	2.405	105.627	108.032	54.032	54.000	AVERAGE
4		7250.000	6.513	42.650	49.162	-4.838	54.000	AVERAGE
5		7712.544	7.411	43.530	50.941	-3.059	54.000	AVERAGE
6		7750.000	7.475	43.513	50.989	-3.011	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 20:50**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11ac(80MHz)_5775MHz**

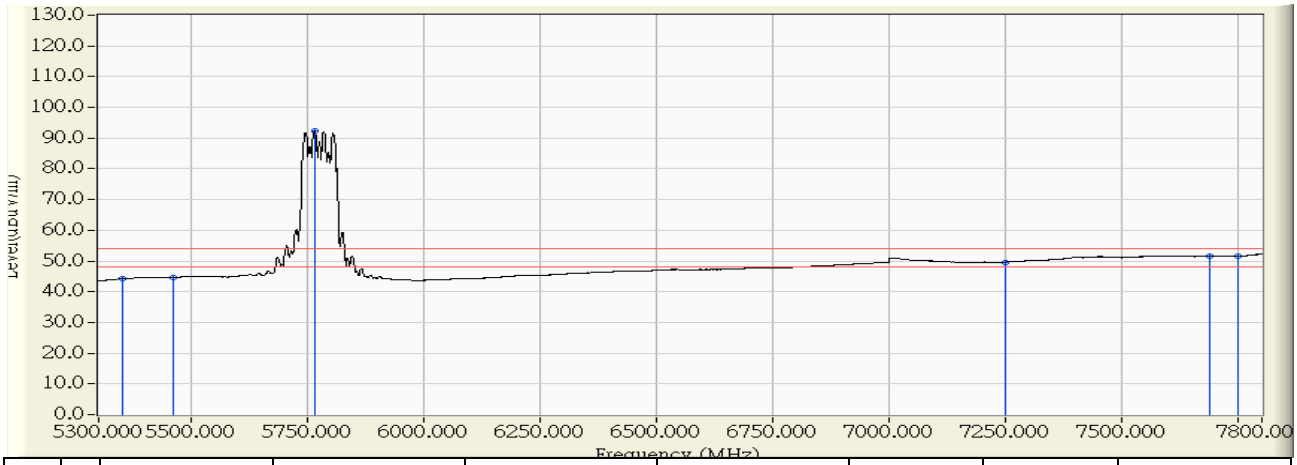


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	54.350	56.375	-17.625	74.000	PEAK
2		5460.000	2.989	54.227	57.215	-16.785	74.000	PEAK
3	*	5763.518	2.387	104.113	106.500	32.500	74.000	PEAK
4		7250.000	7.013	54.755	61.767	-12.233	74.000	PEAK
5		7677.561	7.850	57.426	65.277	-8.723	74.000	PEAK
6		7750.000	7.975	56.022	63.998	-10.002	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 20:54**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11ac(80MHz)_5775MHz**

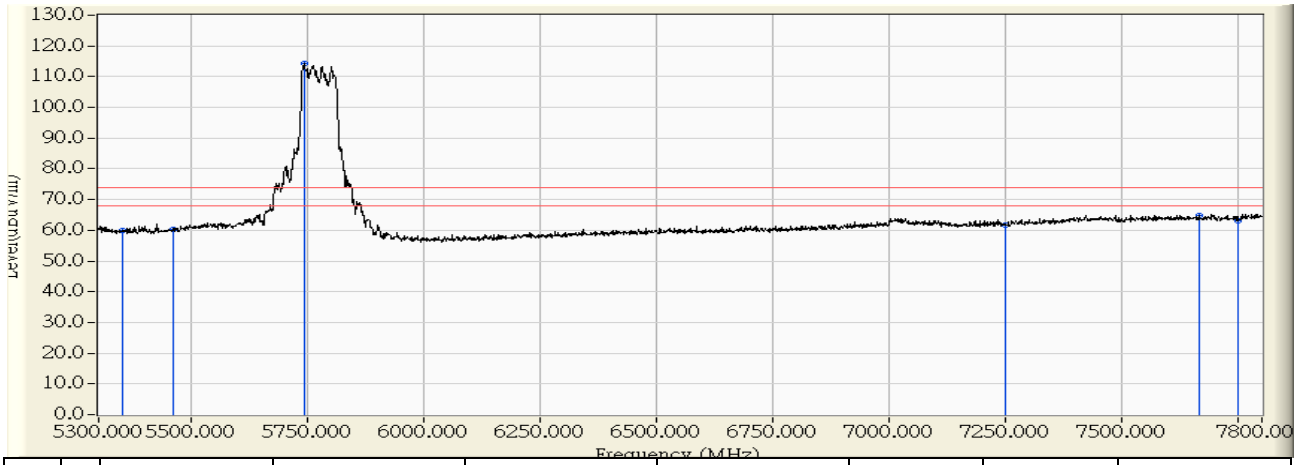


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.026	42.214	44.239	-9.761	54.000	AVERAGE
2		5460.000	2.989	41.611	44.599	-9.401	54.000	AVERAGE
3	*	5763.518	2.387	90.006	92.393	38.393	54.000	AVERAGE
4		7250.000	7.013	42.625	49.637	-4.363	54.000	AVERAGE
5		7686.307	7.866	43.584	51.450	-2.550	54.000	AVERAGE
6		7750.000	7.975	43.483	51.459	-2.541	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 21:00**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11ac(80MHz)_5775MHz**

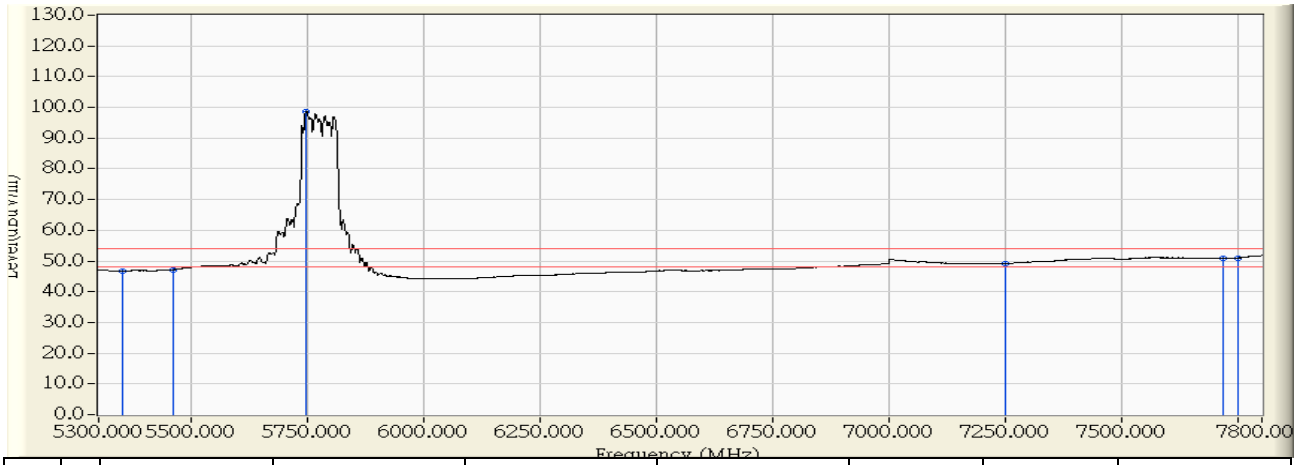


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	57.676	60.018	-13.982	74.000	PEAK
2		5460.000	3.250	56.950	60.200	-13.800	74.000	PEAK
3	*	5741.029	2.573	111.633	114.205	40.205	74.000	PEAK
4		7250.000	6.513	55.350	61.862	-12.138	74.000	PEAK
5		7663.818	7.327	57.429	64.756	-9.244	74.000	PEAK
6		7750.000	7.475	55.690	63.166	-10.834	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2015/05/04 - 21:04**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V/60Hz**
EUT : ASUS SRT-AC1900 Wireless Smart Router	**Note : Mode 2: Tx- Vertical Antenna (AD891M21) 802.11ac(80MHz)_5775MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	2.342	44.297	46.639	-7.361	54.000	AVERAGE
2		5460.000	3.250	43.855	47.105	-6.895	54.000	AVERAGE
3	*	5746.027	2.555	96.185	98.741	44.741	54.000	AVERAGE
4		7250.000	6.513	42.677	49.189	-4.811	54.000	AVERAGE
5		7716.292	7.418	43.507	50.925	-3.075	54.000	AVERAGE
6		7750.000	7.475	43.555	51.031	-2.969	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

7. DTS Bandwidth

7.1. Test Equipment

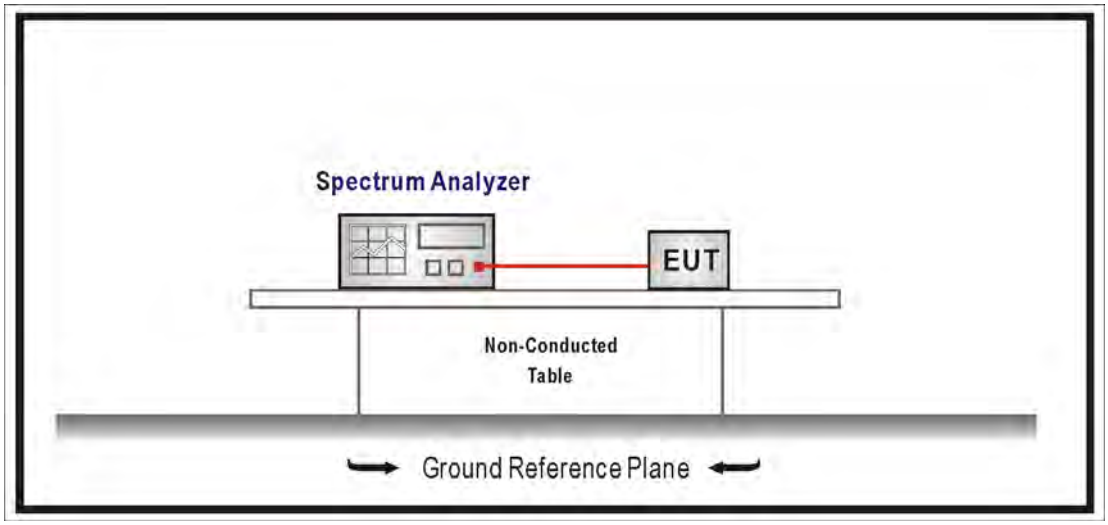
The following test equipments are used during the test:

DTS Bandwidth / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2015/07/14

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

7.2. Test Setup



7.3. Test Procedures

The EUT was setup according to ANSI C63.10; tested procedure section 8.1 of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements. Set RBW = 100KHz, Set the VBW≧3xRBW, Sweep Time=Auto, Set Peak Detector.

7.4. Limits

The 6 dB bandwidth must be greater than 500 kHz.

7.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

7.6. Uncertainty

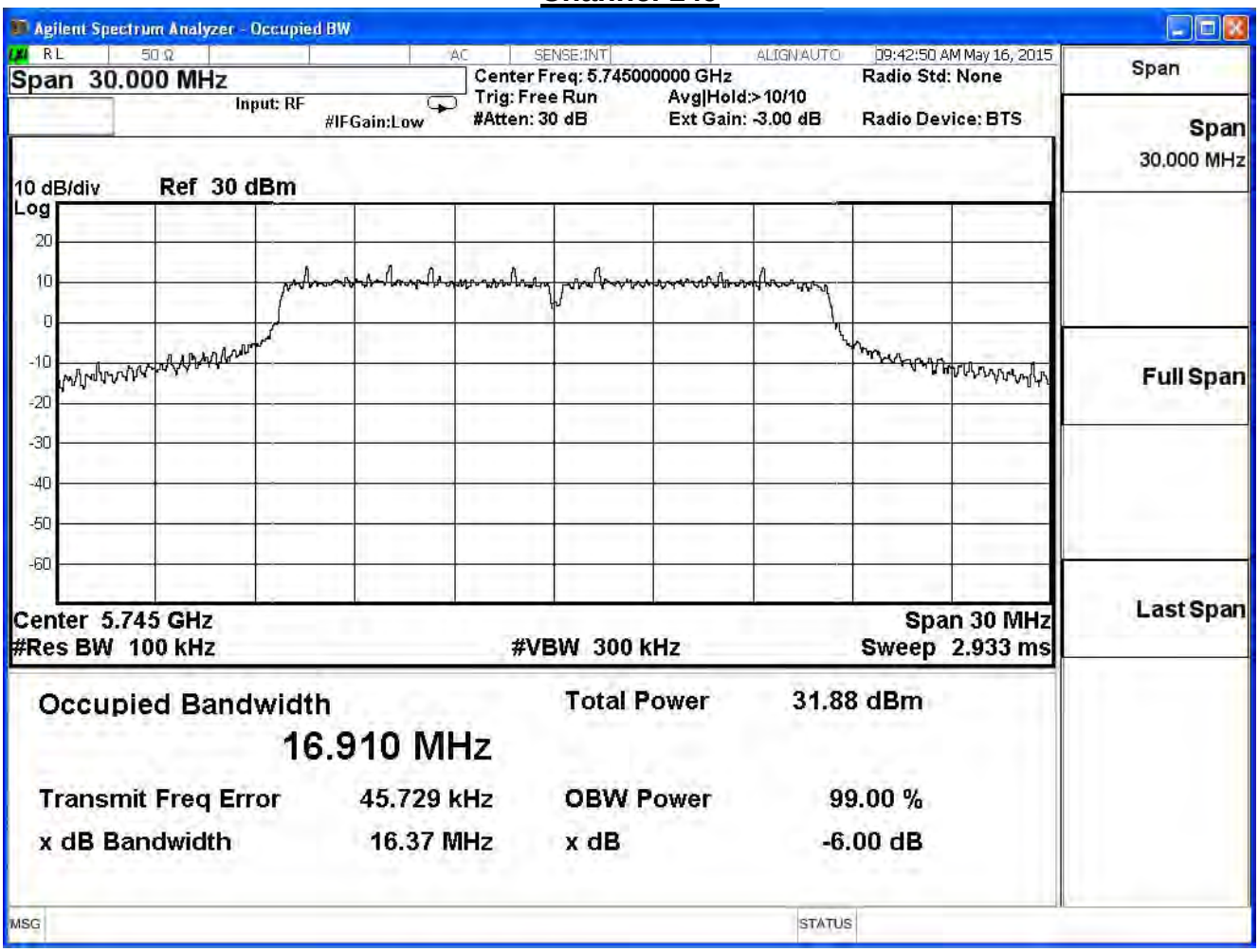
The measurement uncertainty is defined as ±150Hz

7.7. Test Result

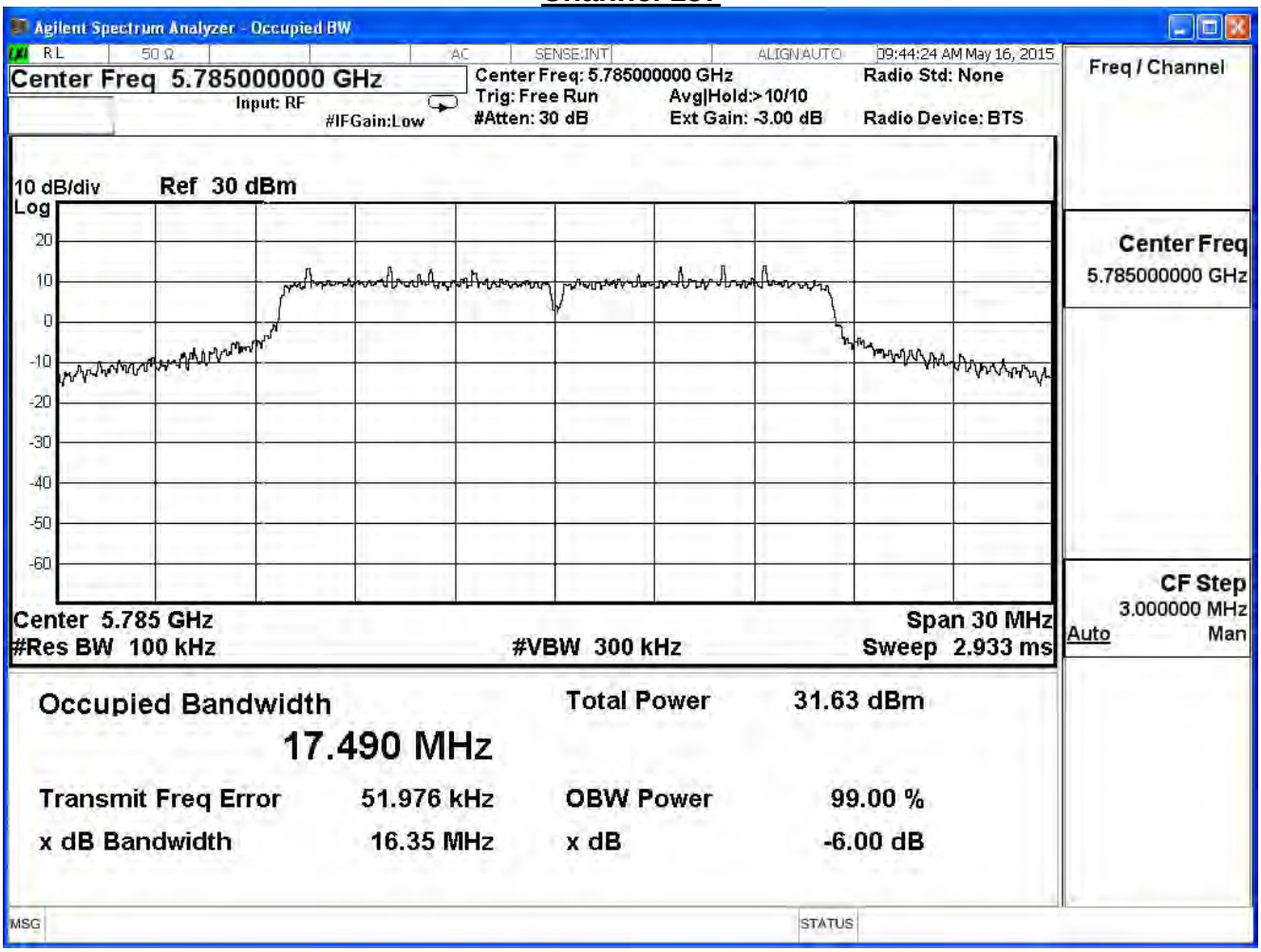
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

802.11 a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.37	≧0.5	Pass
157	5785	16.35	≧0.5	Pass
165	5825	16.41	≧0.5	Pass

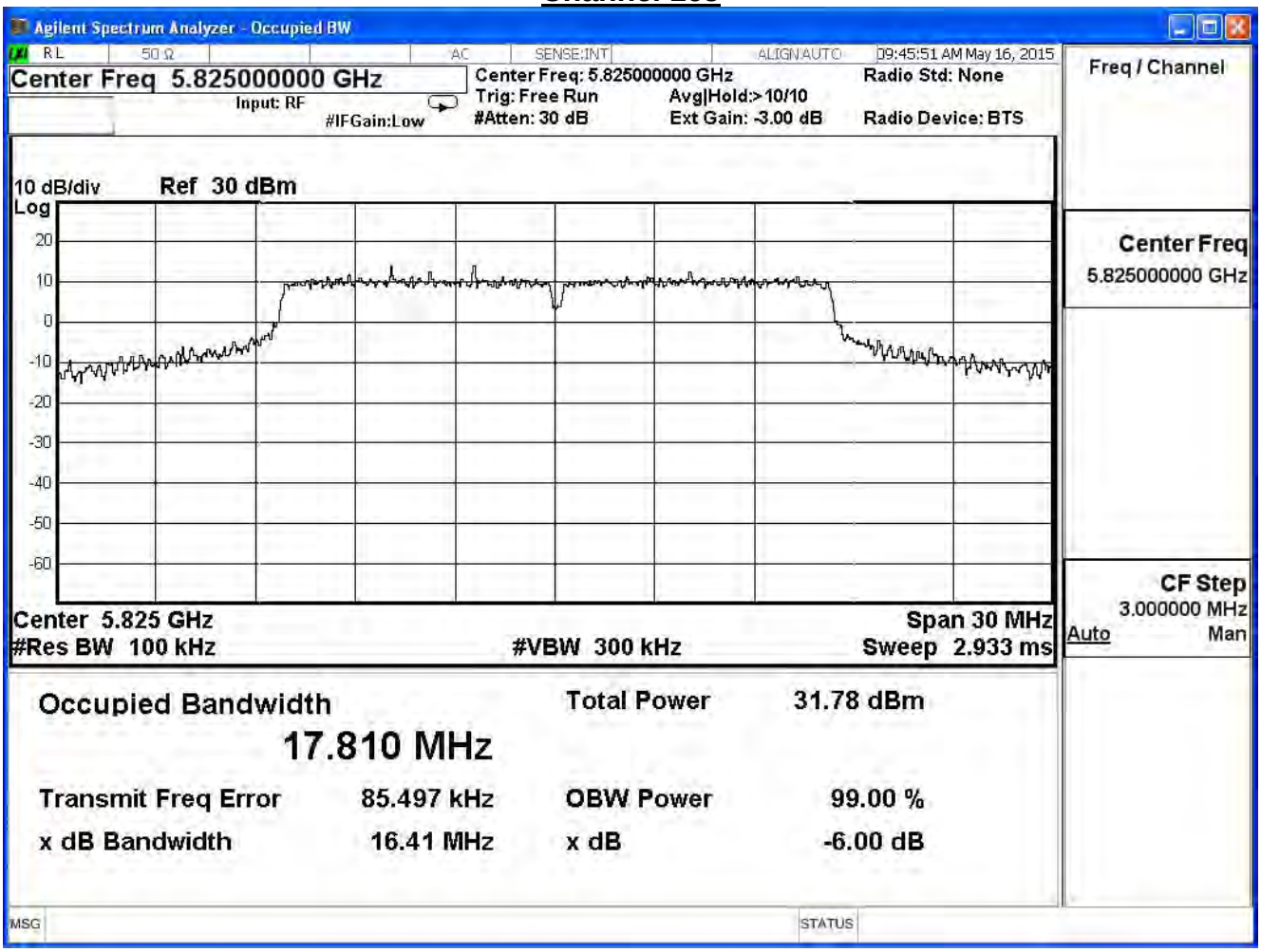
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:44:24 AM May 16, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.490 MHz
Total Power
31.63 dBm
Transmit Freq Error
51.976 kHz
OBW Power
99.00 %
x dB Bandwidth
16.35 MHz
x dB
-6.00 dB
MSG
STATUS

Channel 165

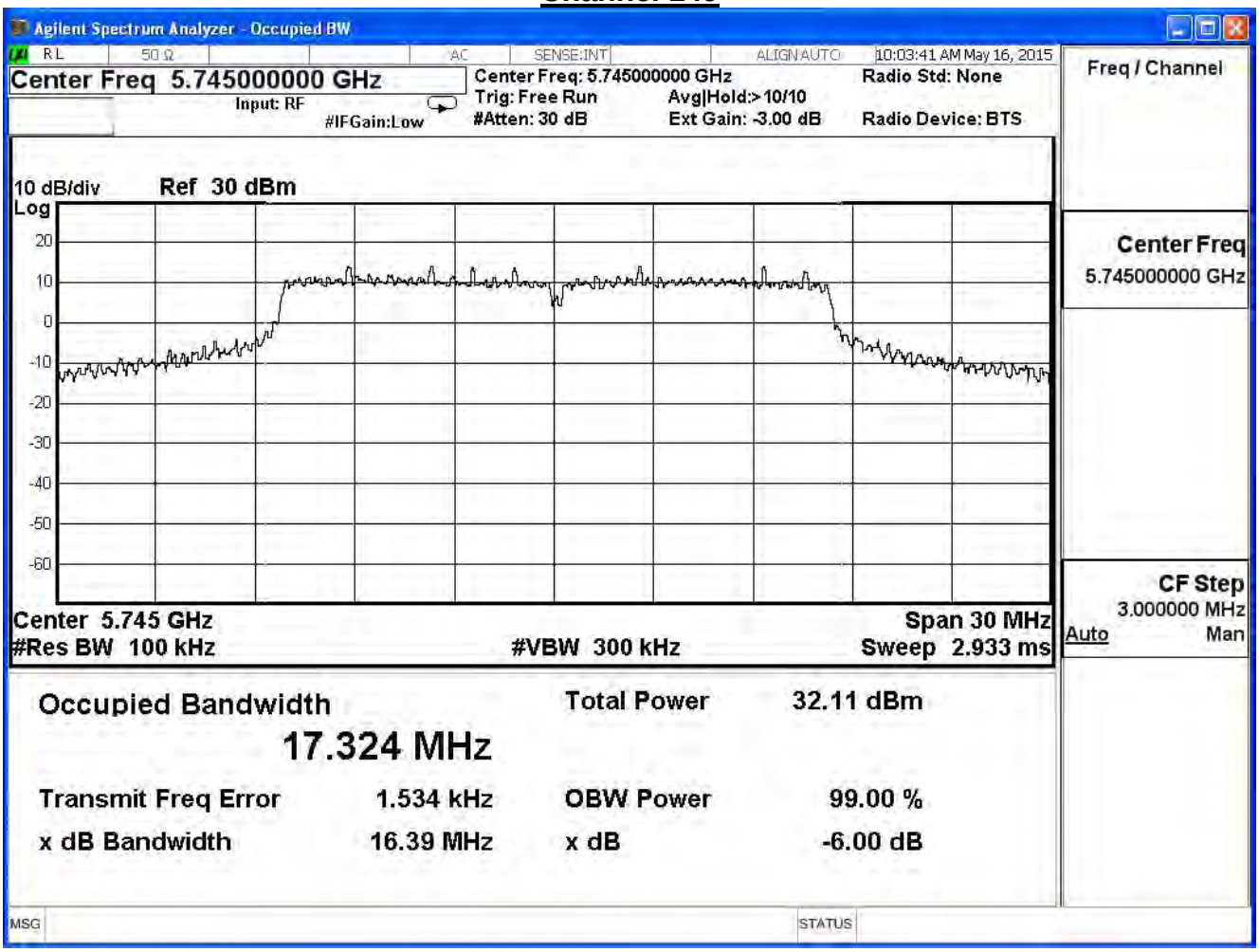

Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:45:51 AM May 16, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
CF Step
3.000000 MHz
Auto
Man
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
Occupied Bandwidth
17.810 MHz
Total Power
31.78 dBm
Transmit Freq Error
85.497 kHz
OBW Power
99.00 %
x dB Bandwidth
16.41 MHz
x dB
-6.00 dB
MSG
STATUS

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

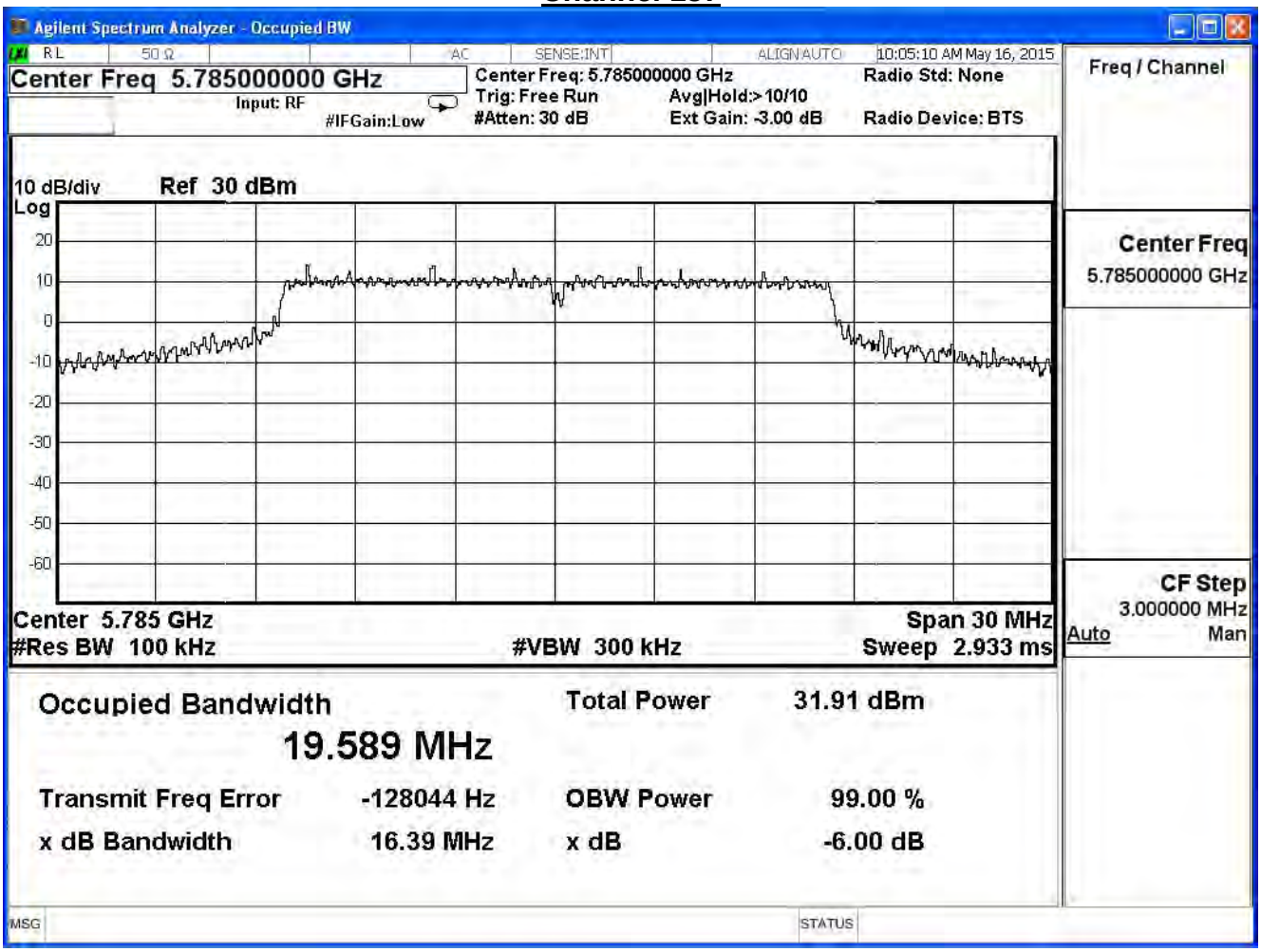
802.11 a (ANT 1)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.39	≧0.5	Pass
157	5785	16.39	≧0.5	Pass
165	5825	16.36	≧0.5	Pass

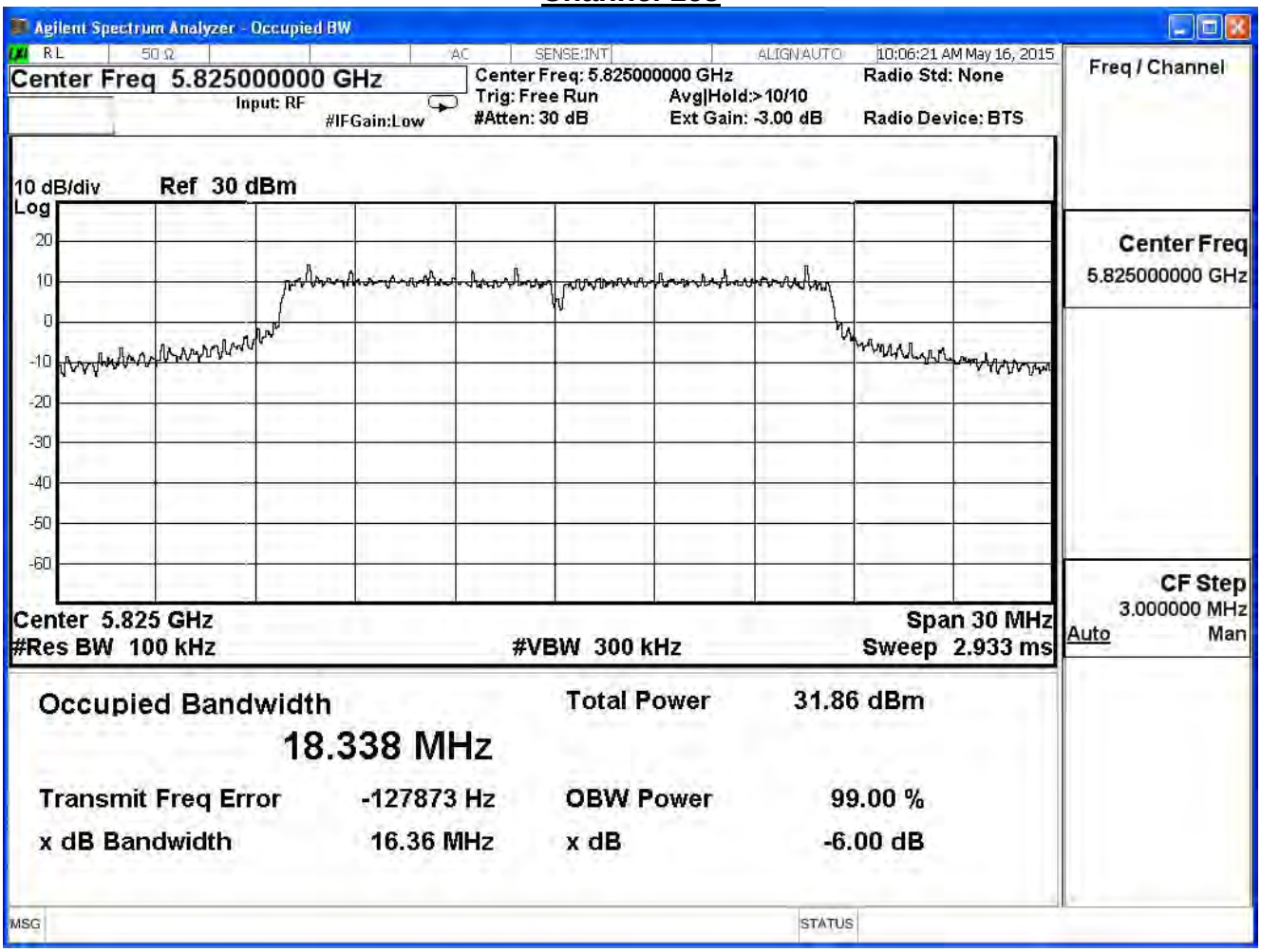
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:05:10 AM May 16, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
19.589 MHz
Total Power
31.91 dBm
Transmit Freq Error
-128044 Hz
OBW Power
99.00 %
x dB Bandwidth
16.39 MHz
x dB
-6.00 dB
MSG
STATUS

Channel 165

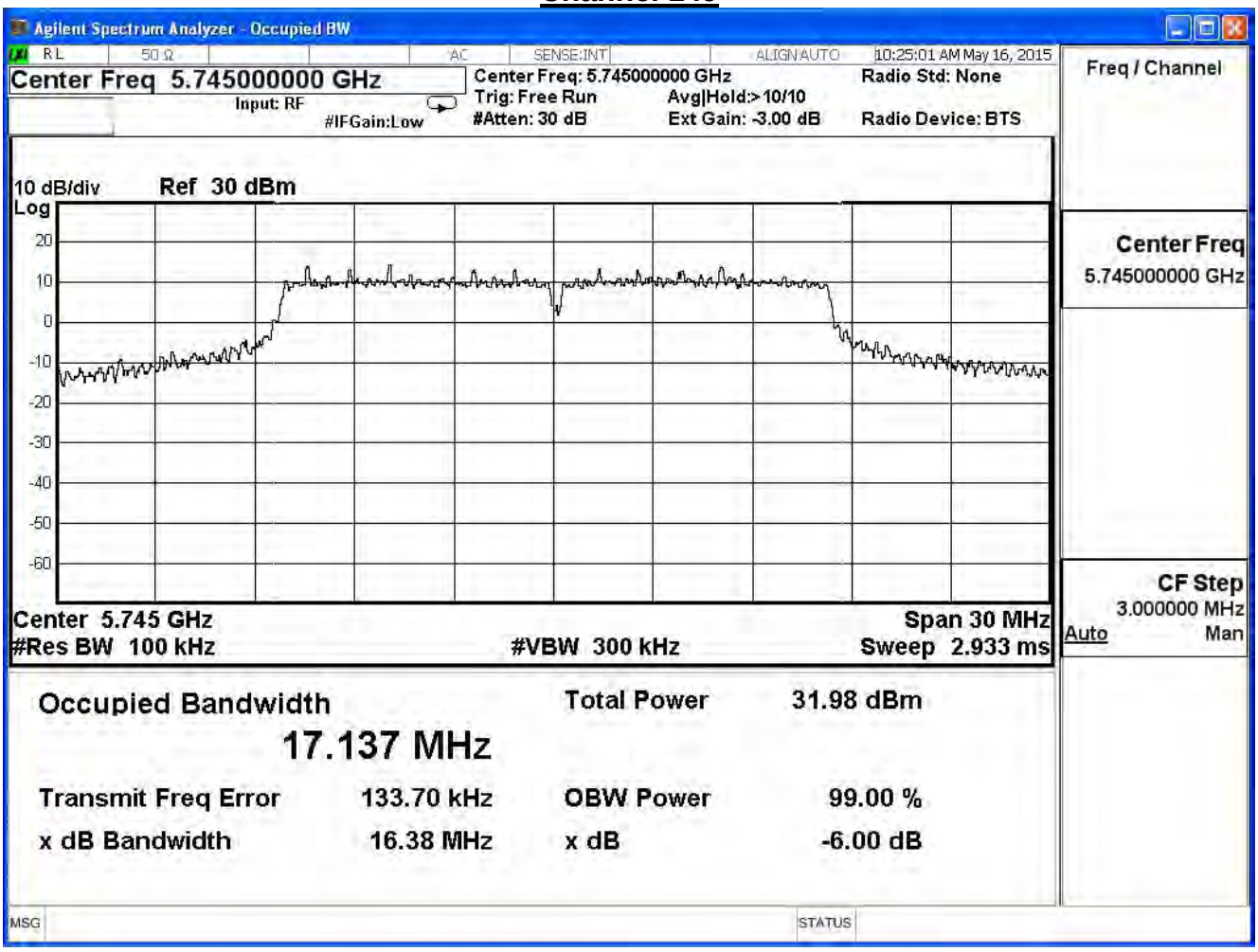

Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:06:21 AM May 16, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
18.338 MHz
Total Power
31.86 dBm
Transmit Freq Error
-127873 Hz
OBW Power
99.00 %
x dB Bandwidth
16.36 MHz
x dB
-6.00 dB
MSG
STATUS

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

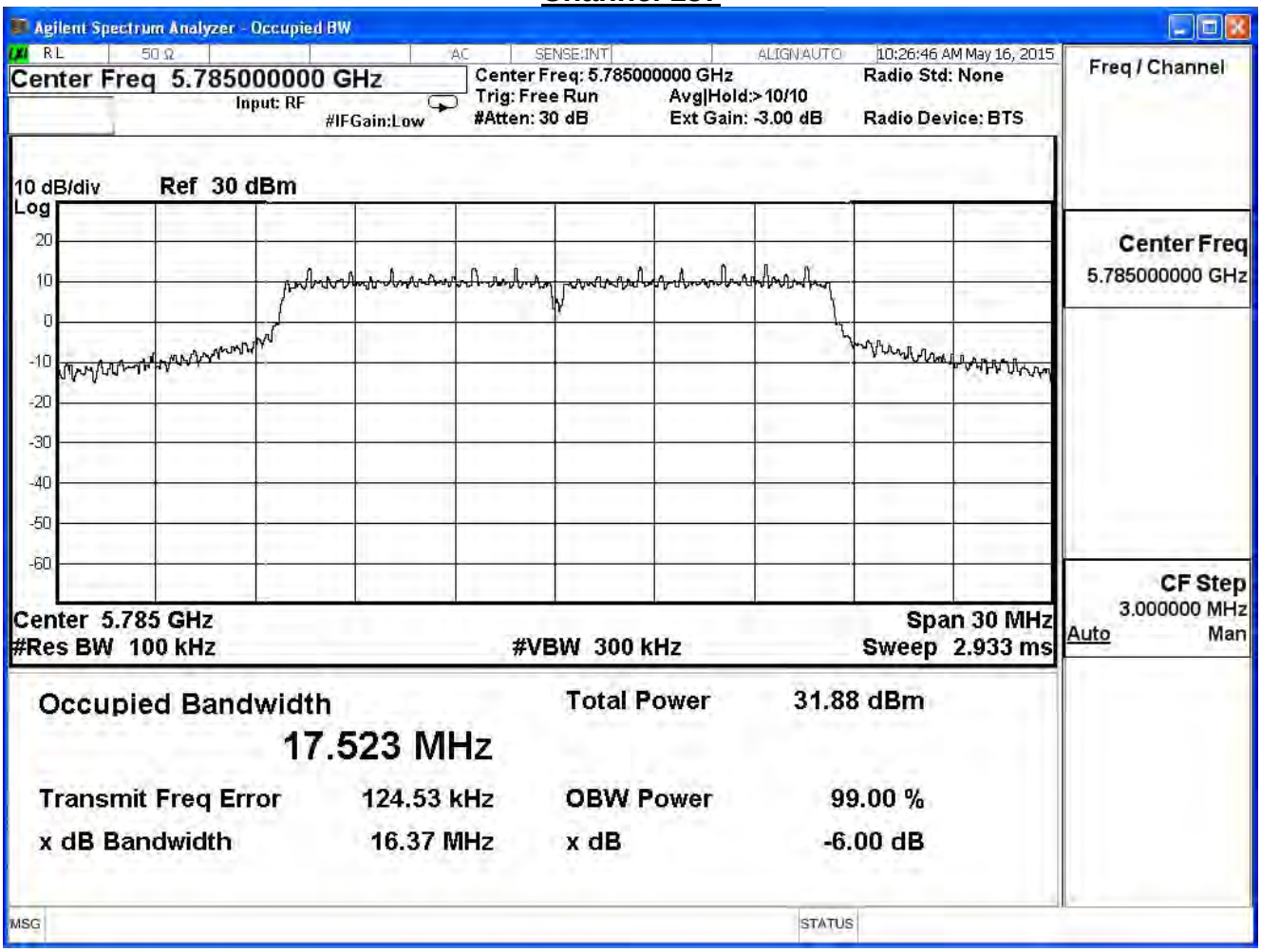
802.11 a (ANT 2)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.38	≧0.5	Pass
157	5785	16.37	≧0.5	Pass
165	5825	16.38	≧0.5	Pass

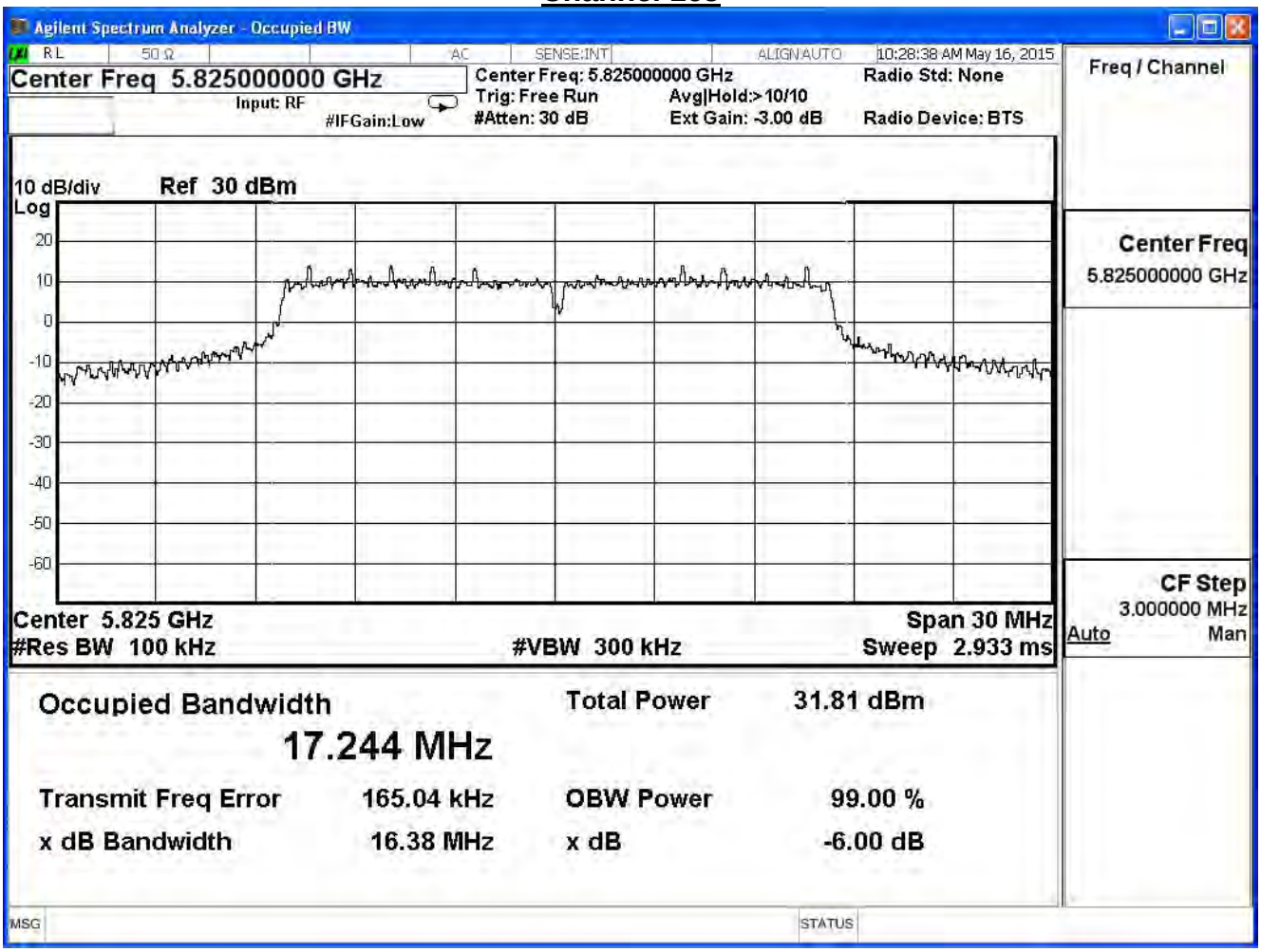
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:26:46 AM May 16, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.523 MHz
Total Power
31.88 dBm
Transmit Freq Error
124.53 kHz
OBW Power
99.00 %
x dB Bandwidth
16.37 MHz
x dB
-6.00 dB
MSG
STATUS

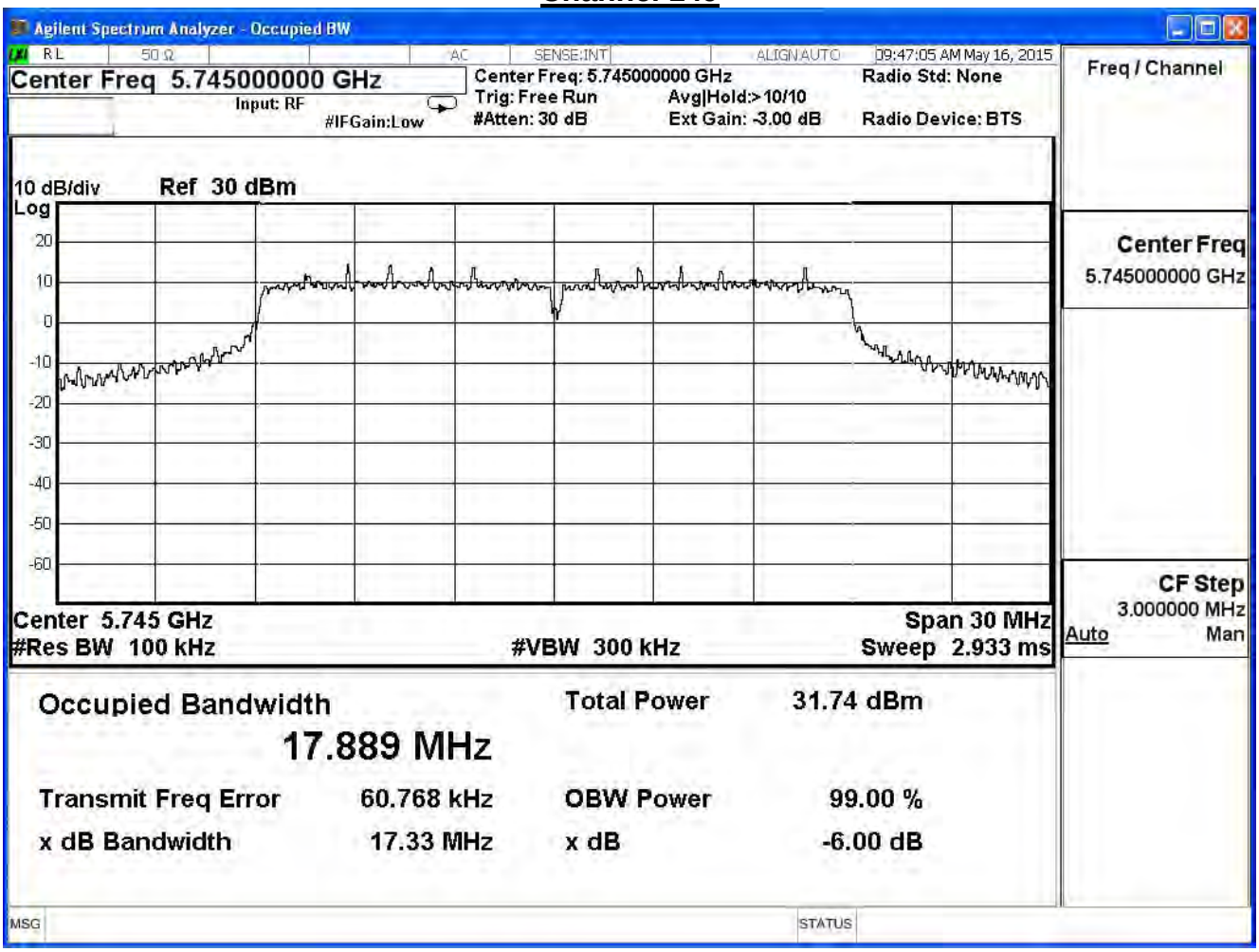
Channel 165


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:28:38 AM May 16, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.244 MHz
Total Power
31.81 dBm
Transmit Freq Error
165.04 kHz
OBW Power
99.00 %
x dB Bandwidth
16.38 MHz
x dB
-6.00 dB
MSG
STATUS

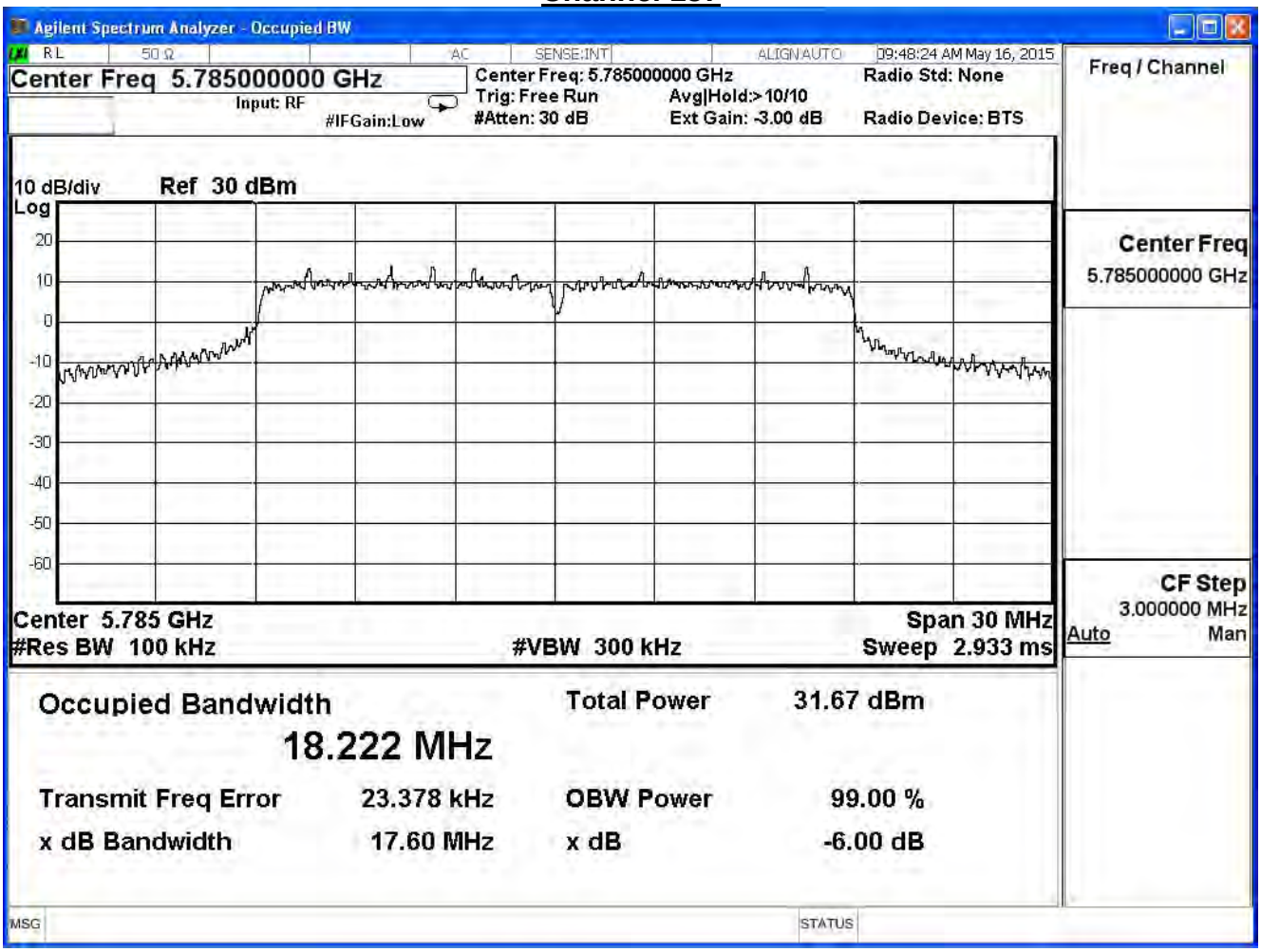
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.33	≧0.5	Pass
157	5785	17.60	≧0.5	Pass
165	5825	17.57	≧0.5	Pass

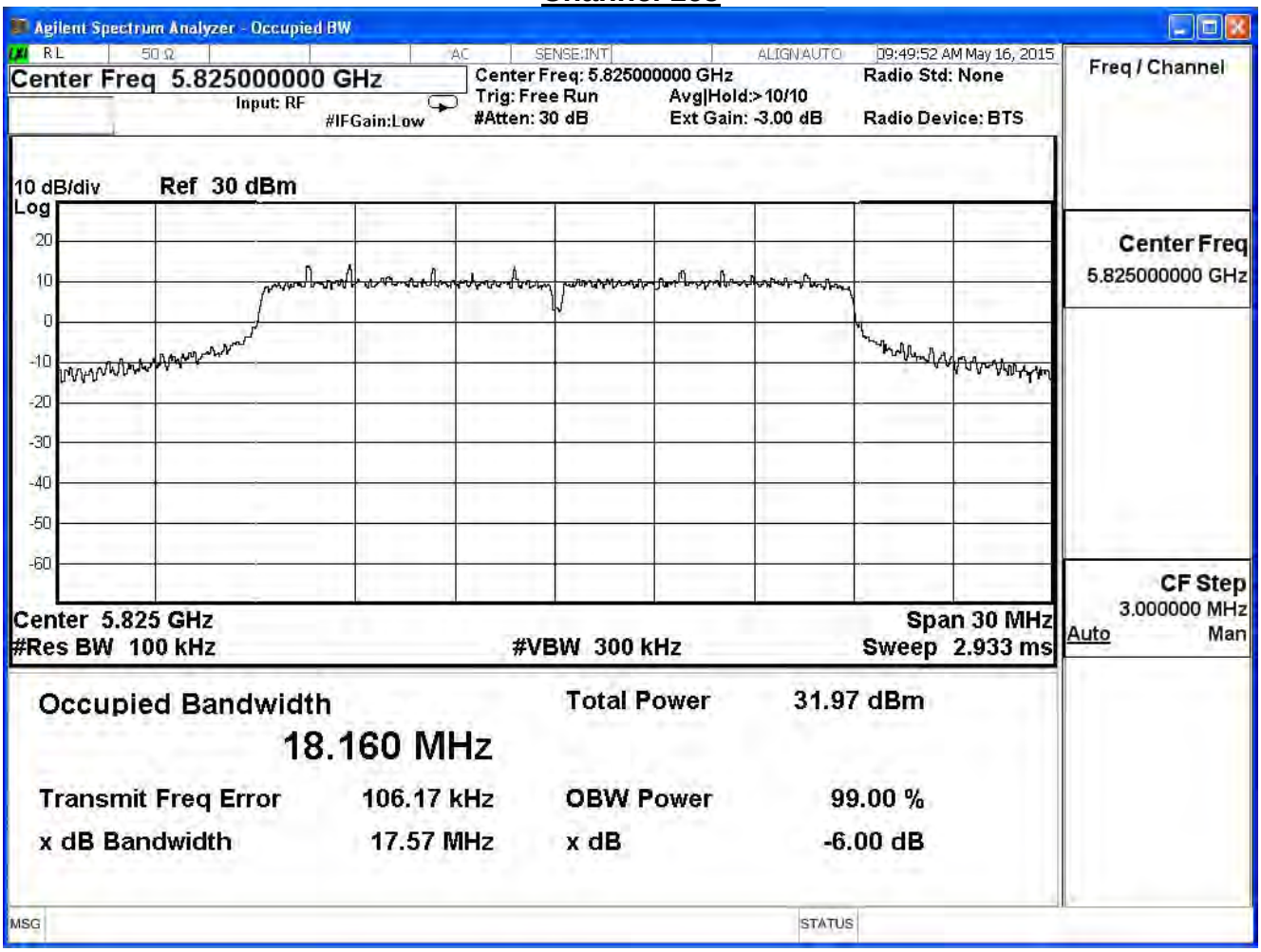
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:48:24 AM May 16, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
18.222 MHz
Total Power
31.67 dBm
Transmit Freq Error
23.378 kHz
OBW Power
99.00 %
x dB Bandwidth
17.60 MHz
x dB
-6.00 dB
MSG
STATUS

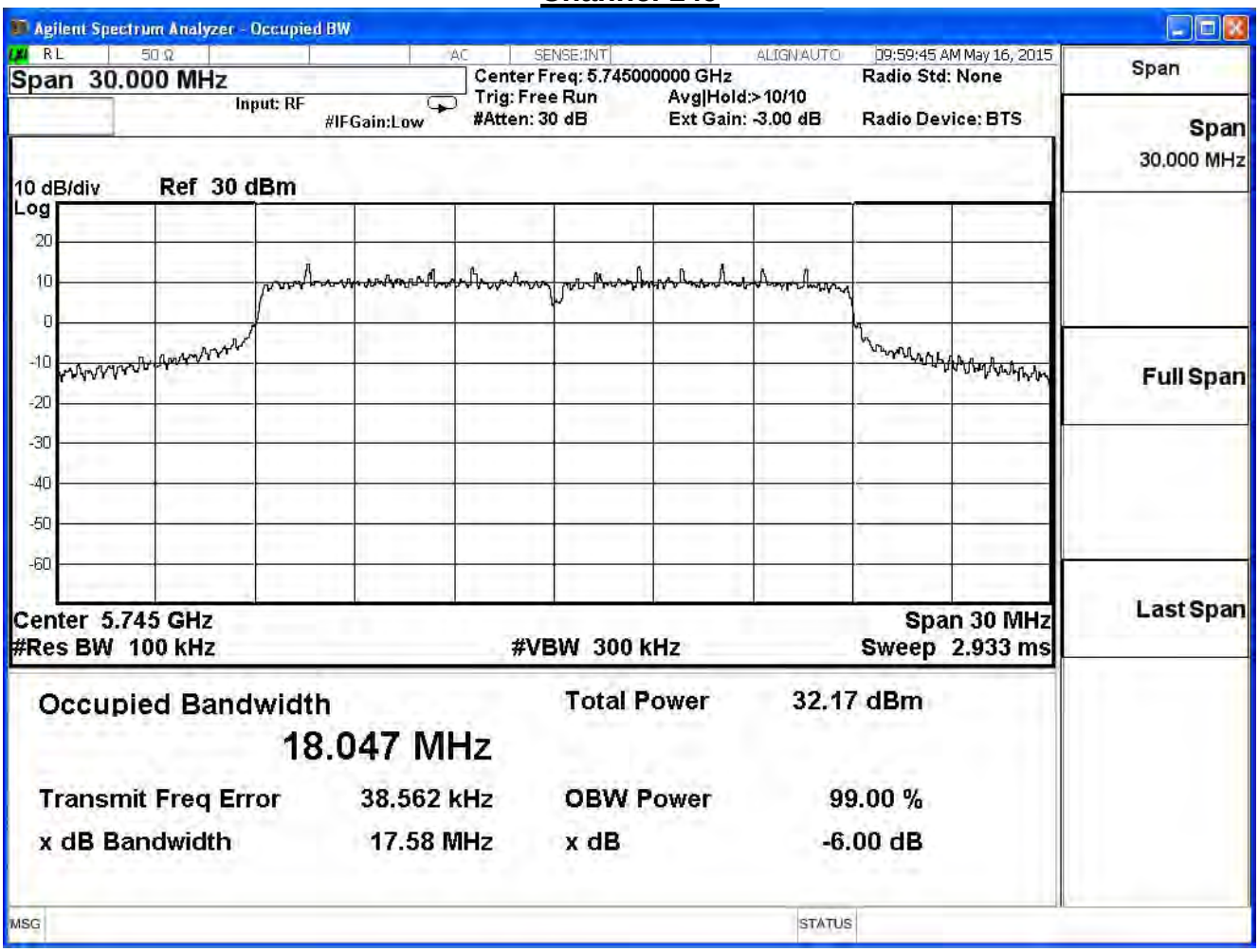
Channel 165


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:49:52 AM May 16, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
18.160 MHz
Total Power
31.97 dBm
Transmit Freq Error
106.17 kHz
OBW Power
99.00 %
x dB Bandwidth
17.57 MHz
x dB
-6.00 dB
MSG
STATUS

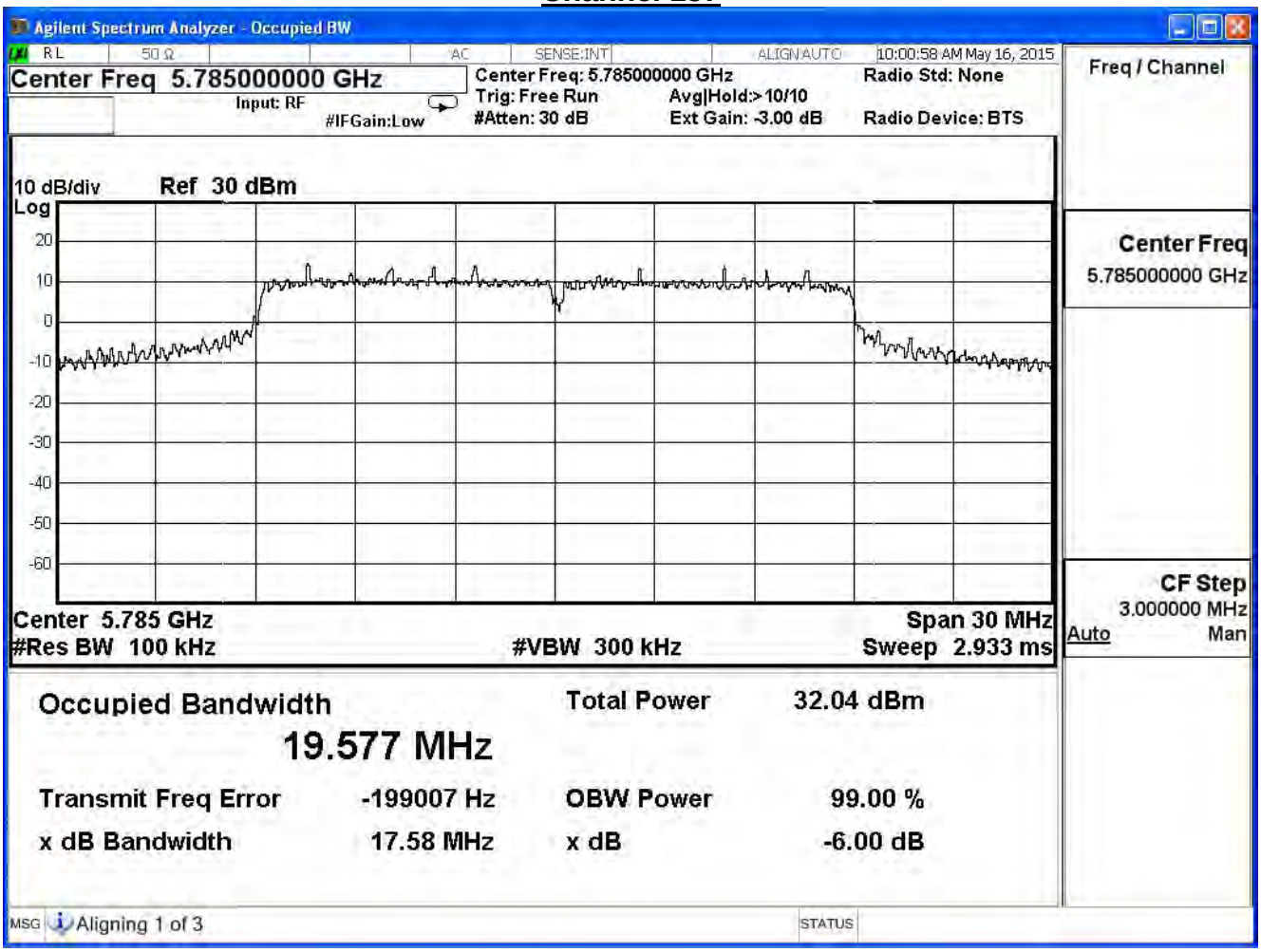
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.58	≧0.5	Pass
157	5785	17.58	≧0.5	Pass
165	5825	17.58	≧0.5	Pass

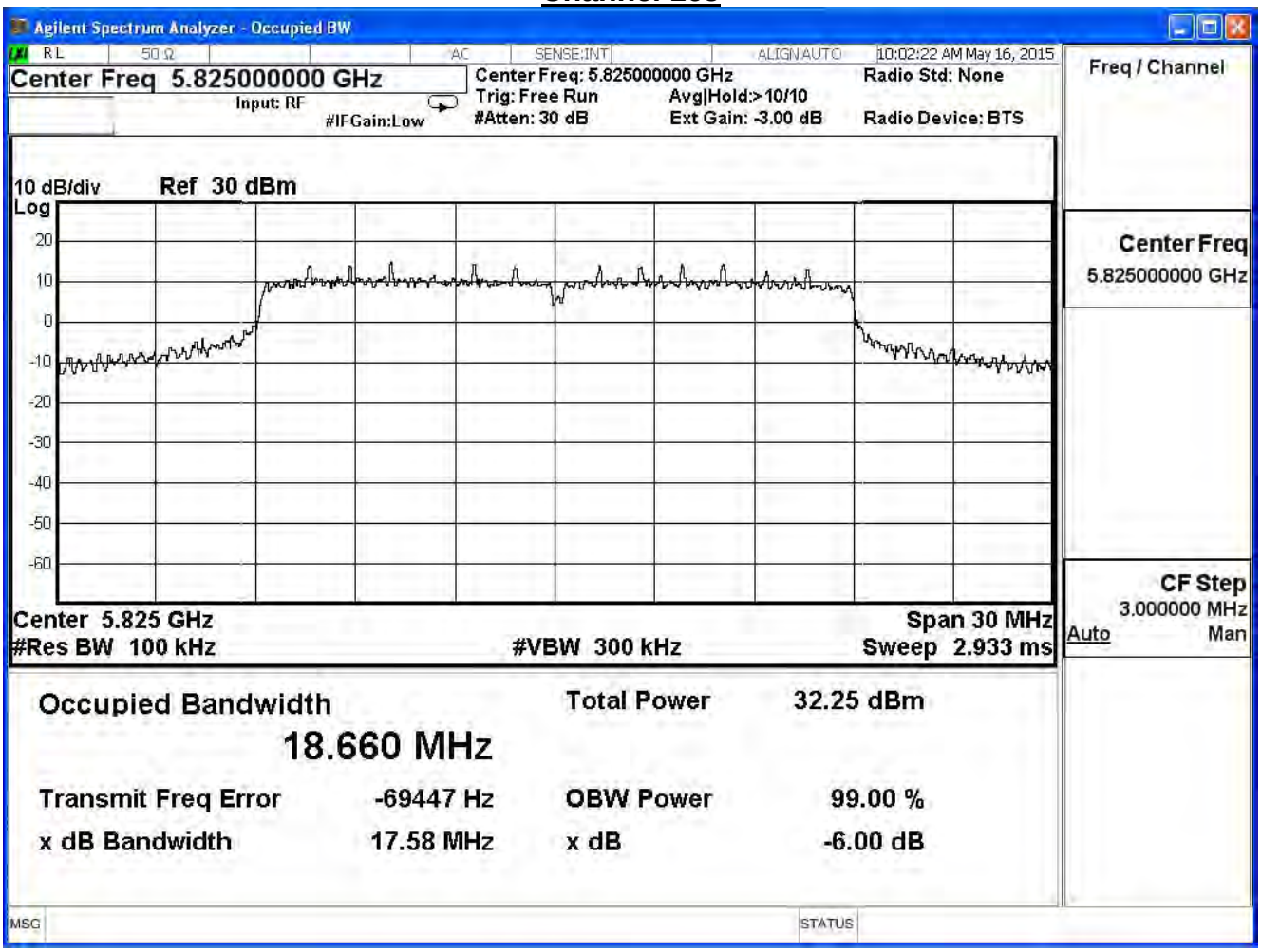
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:00:58 AM May 16, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
19.577 MHz
Total Power
32.04 dBm
Transmit Freq Error
-199007 Hz
OBW Power
99.00 %
x dB Bandwidth
17.58 MHz
x dB
-6.00 dB
MSG
Aligning 1 of 3
STATUS

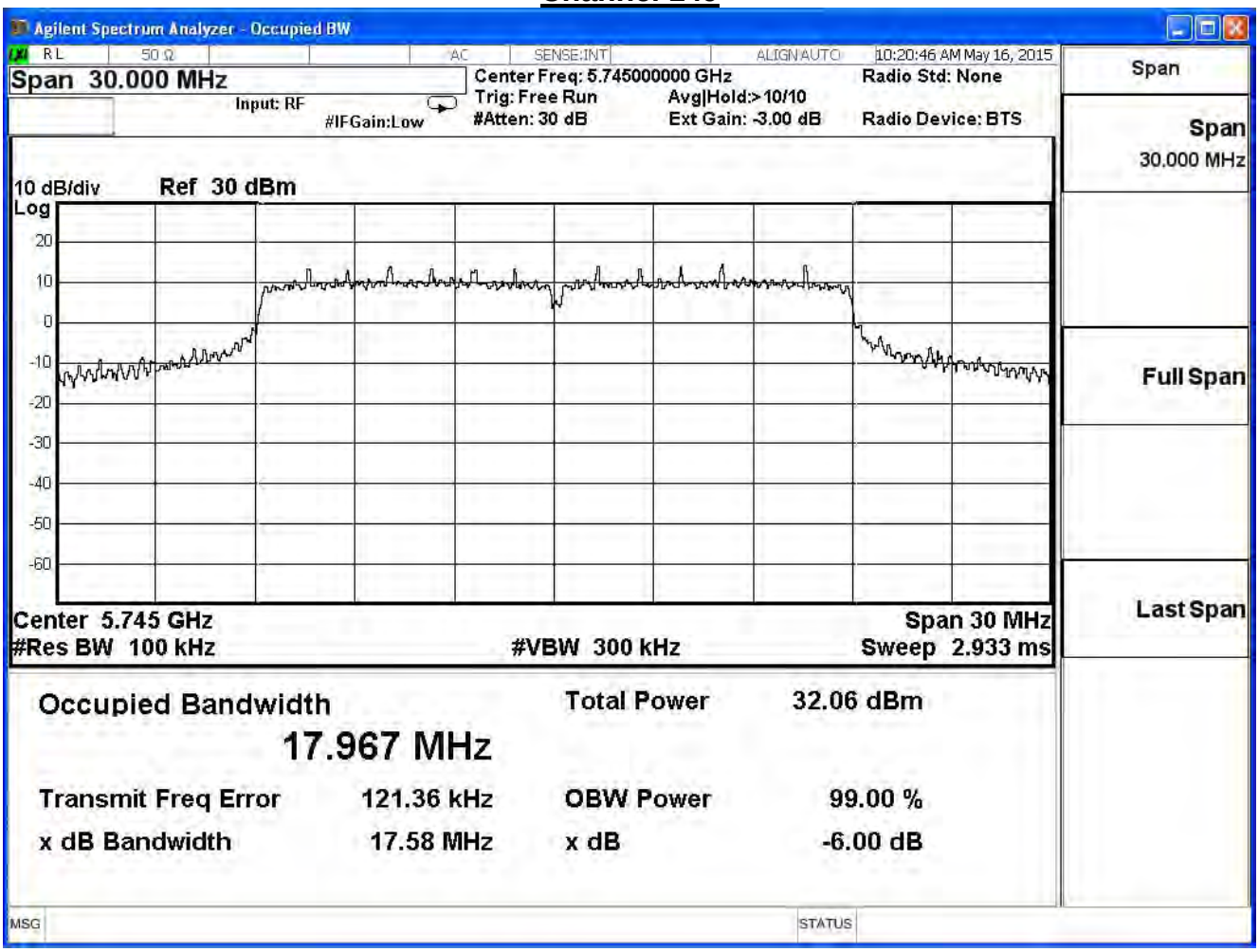
Channel 165


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:02:22 AM May 16, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
18.660 MHz
Total Power
32.25 dBm
Transmit Freq Error
-69447 Hz
OBW Power
99.00 %
x dB Bandwidth
17.58 MHz
x dB
-6.00 dB
MSG
STATUS

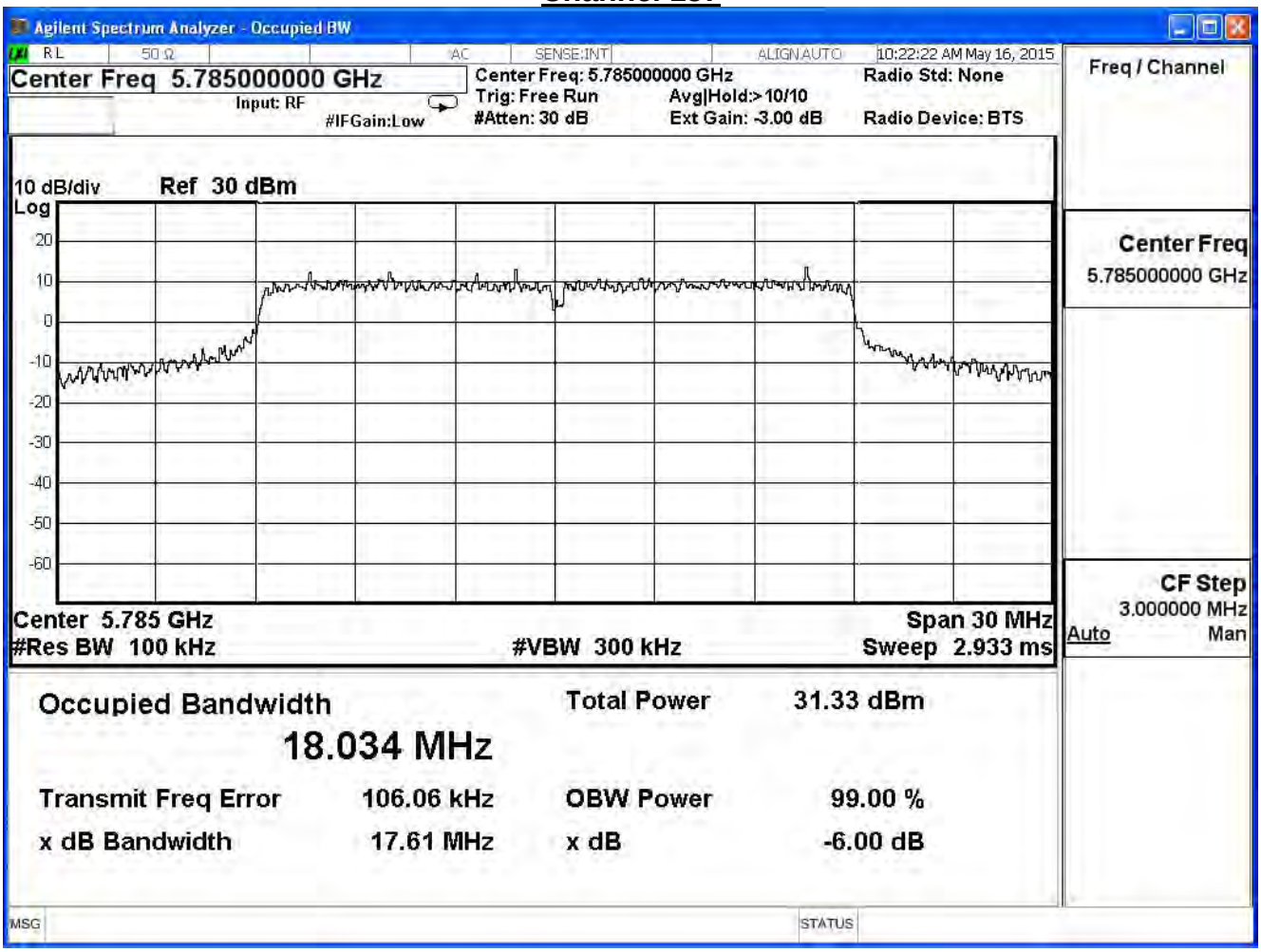
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.58	≧0.5	Pass
157	5785	17.61	≧0.5	Pass
165	5825	17.61	≧0.5	Pass

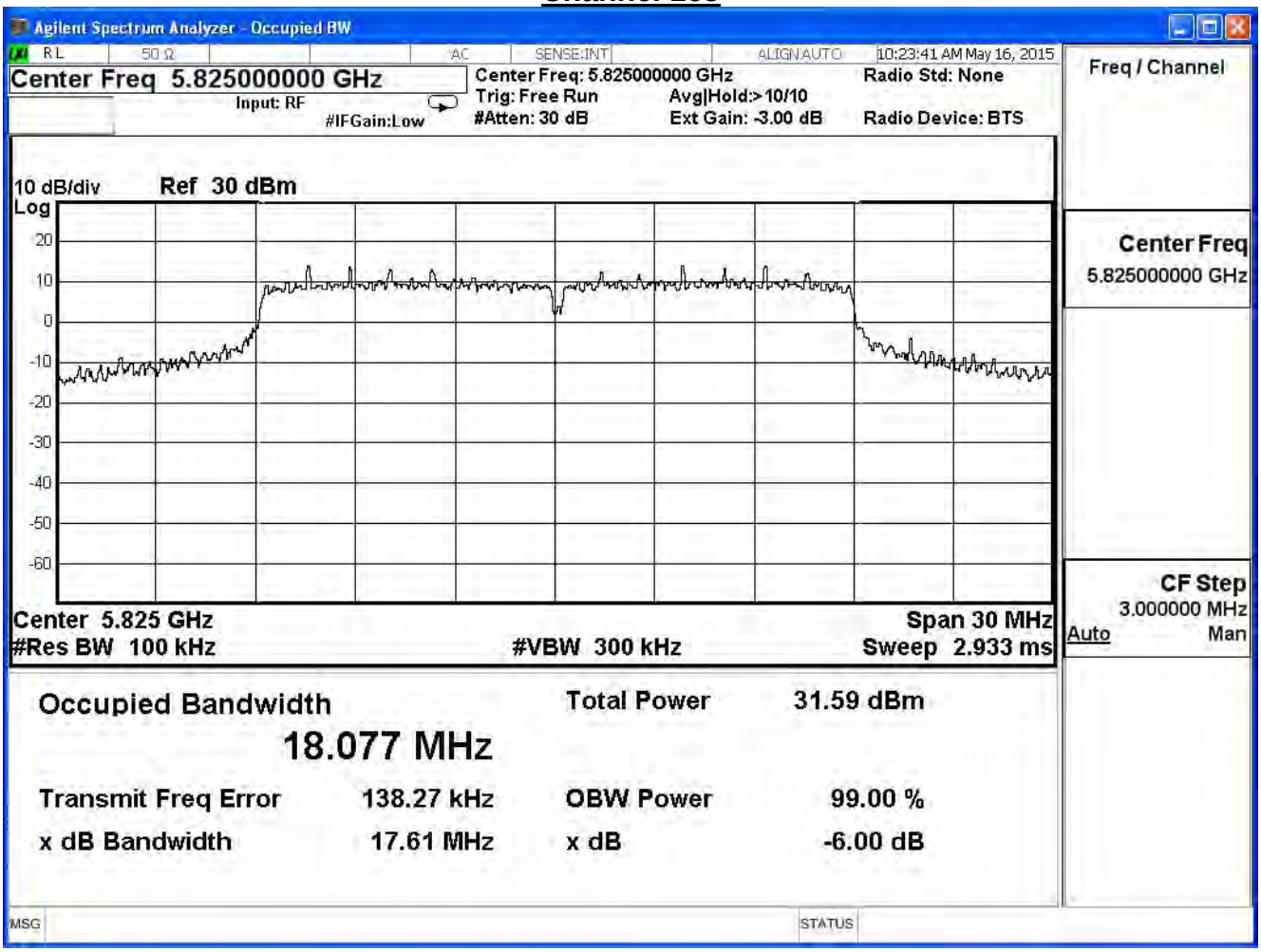
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:22:22 AM May 16, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
18.034 MHz
Total Power
31.33 dBm
Transmit Freq Error
106.06 kHz
OBW Power
99.00 %
x dB Bandwidth
17.61 MHz
x dB
-6.00 dB
MSG
STATUS

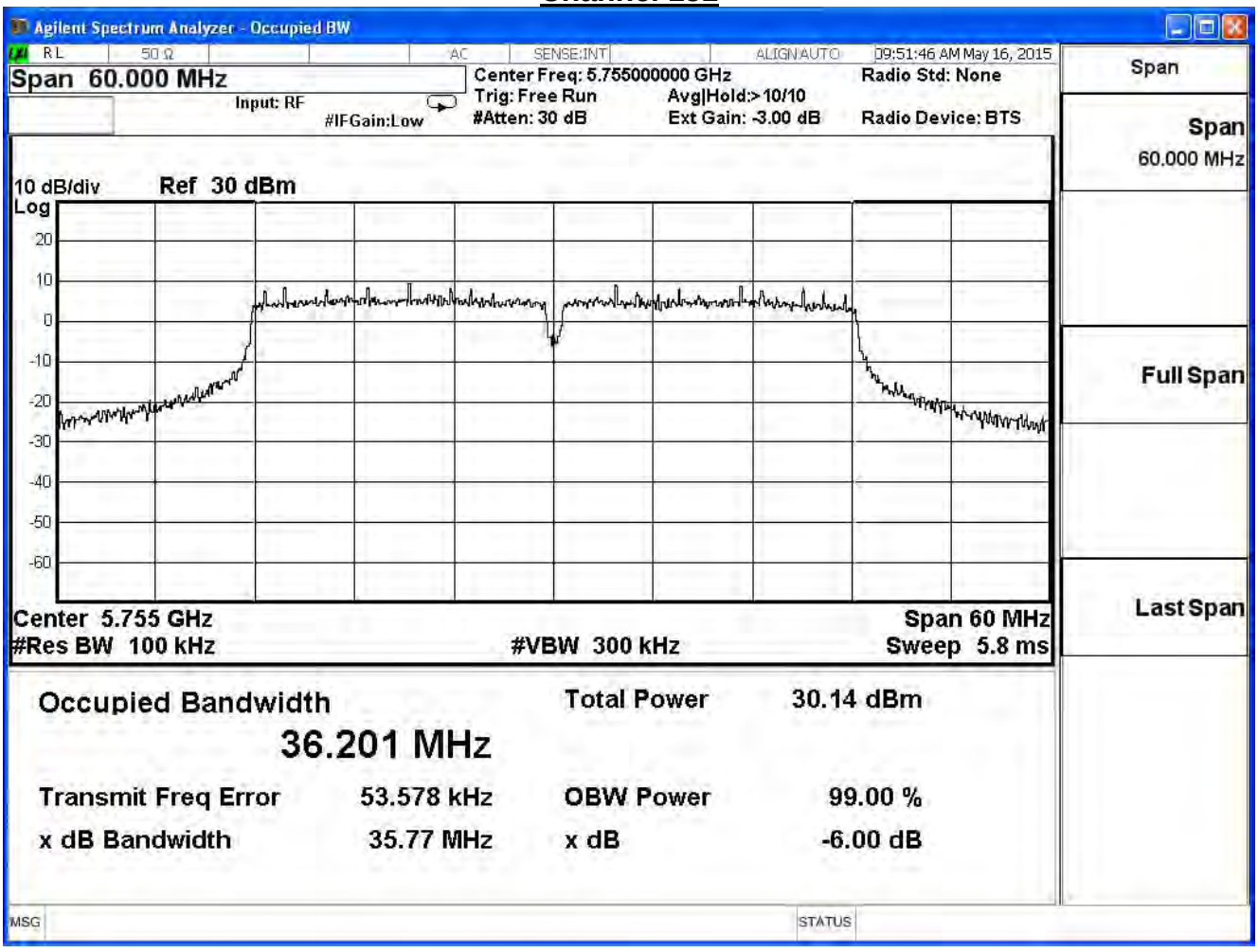
Channel 165


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:23:41 AM May 16, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
18.077 MHz
Total Power
31.59 dBm
Transmit Freq Error
138.27 kHz
OBW Power
99.00 %
x dB Bandwidth
17.61 MHz
x dB
-6.00 dB
MSG
STATUS

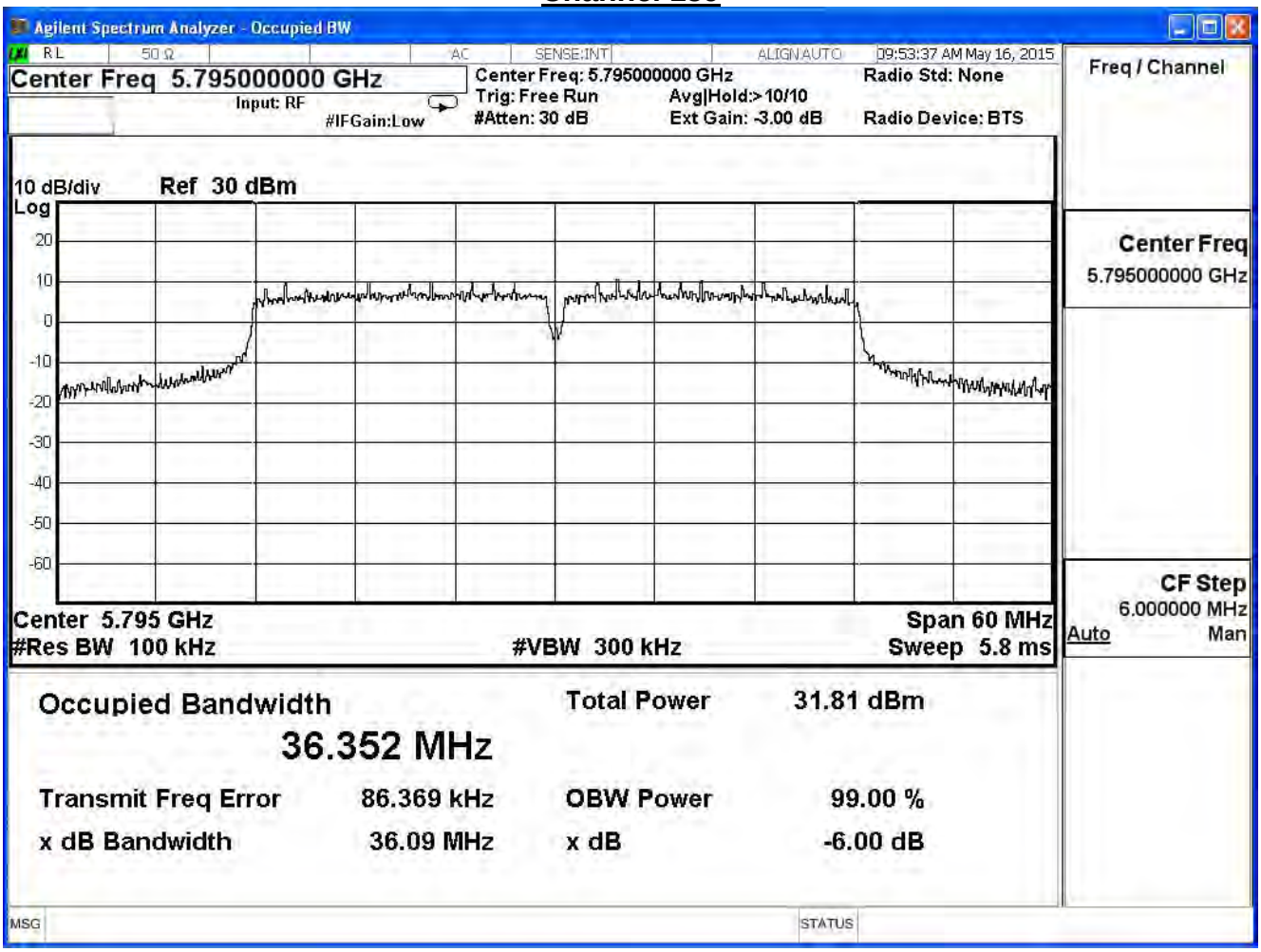
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	35.77	≧0.5	Pass
159	5795	36.09	≧0.5	Pass

Channel 151



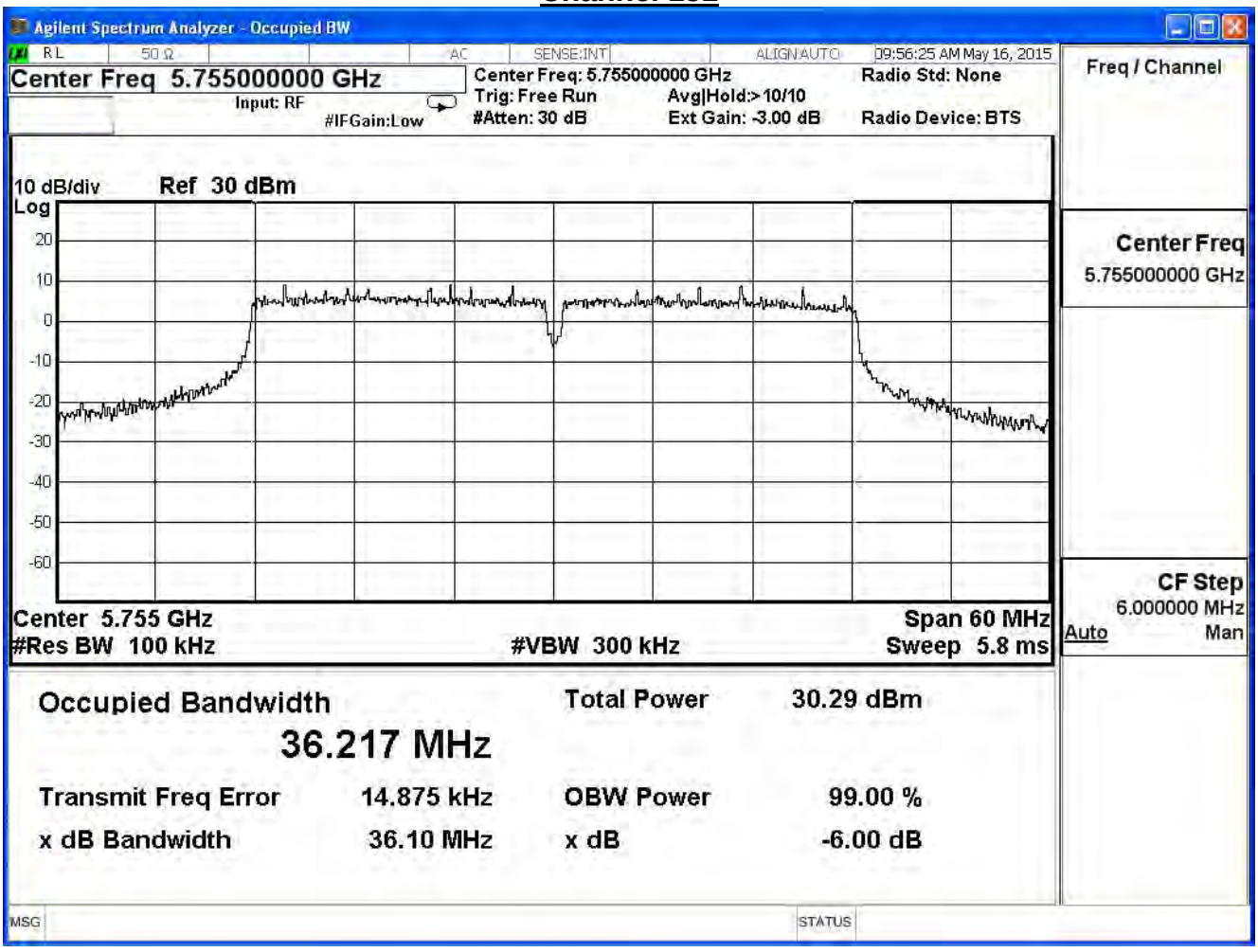
Channel 159


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:53:37 AM May 16, 2015
Center Freq 5.795000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.795000000 GHz
Center 5.795 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 5.8 ms
CF Step
6.000000 MHz
Auto
Man
Occupied Bandwidth
36.352 MHz
Total Power
31.81 dBm
Transmit Freq Error
86.369 kHz
OBW Power
99.00 %
x dB Bandwidth
36.09 MHz
x dB
-6.00 dB
MSG
STATUS

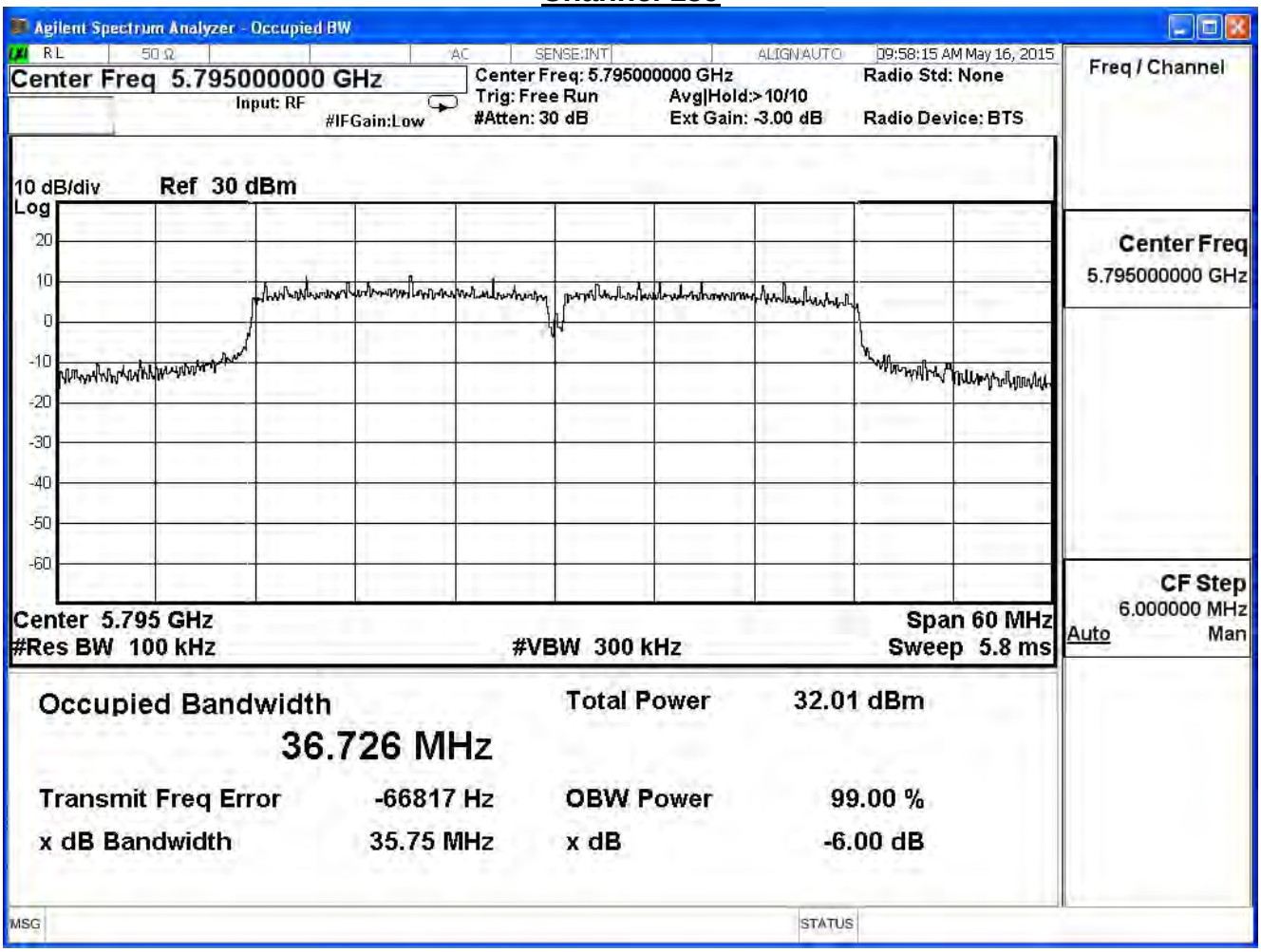
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	36.10	≧0.5	Pass
159	5795	35.75	≧0.5	Pass

Channel 151



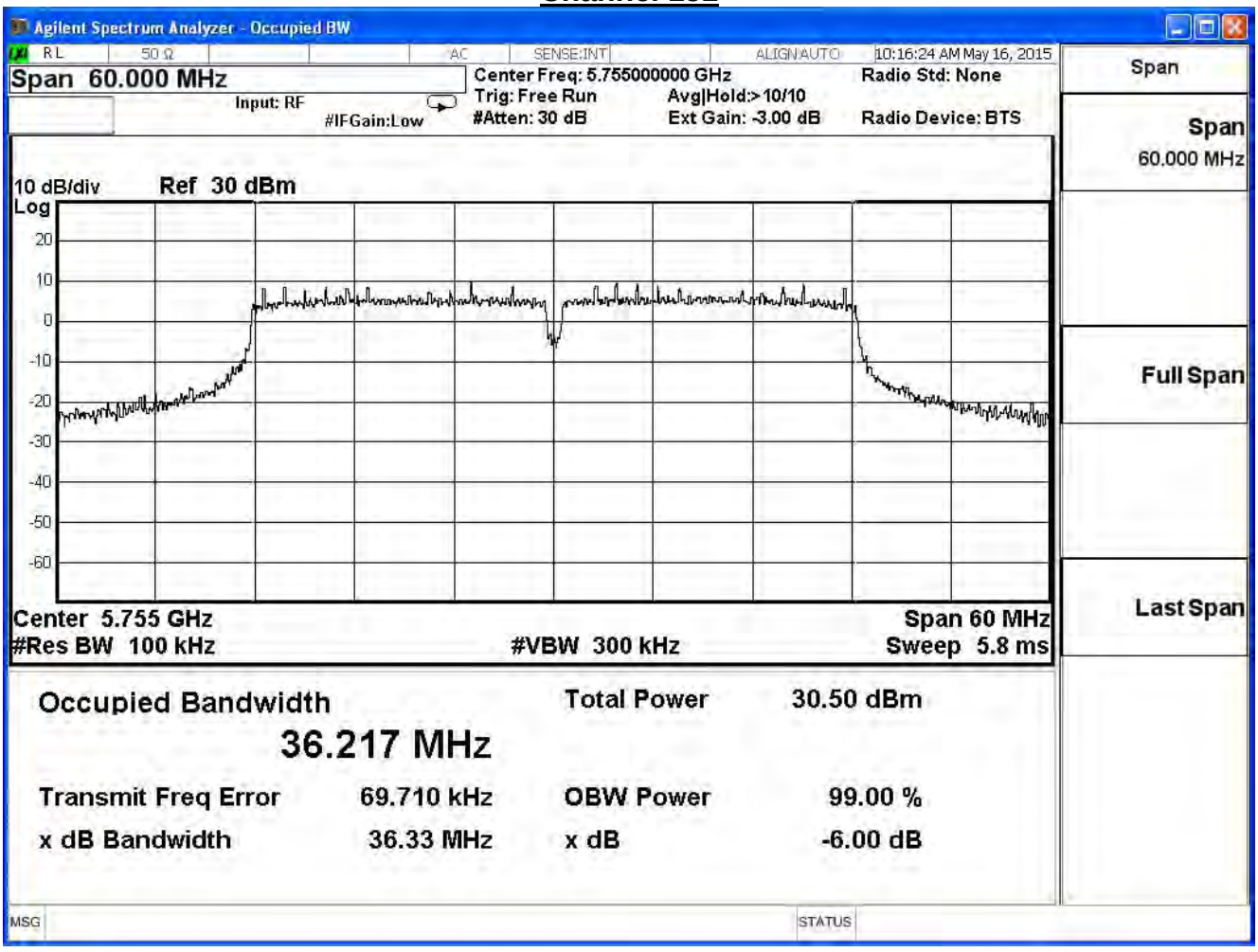
Channel 159


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:58:15 AM May 16, 2015
Center Freq 5.795000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.795000000 GHz
Center 5.795 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 5.8 ms
CF Step
6.000000 MHz
Auto
Man
Occupied Bandwidth
36.726 MHz
Total Power
32.01 dBm
Transmit Freq Error
-66817 Hz
OBW Power
99.00 %
x dB Bandwidth
35.75 MHz
x dB
-6.00 dB
MSG
STATUS

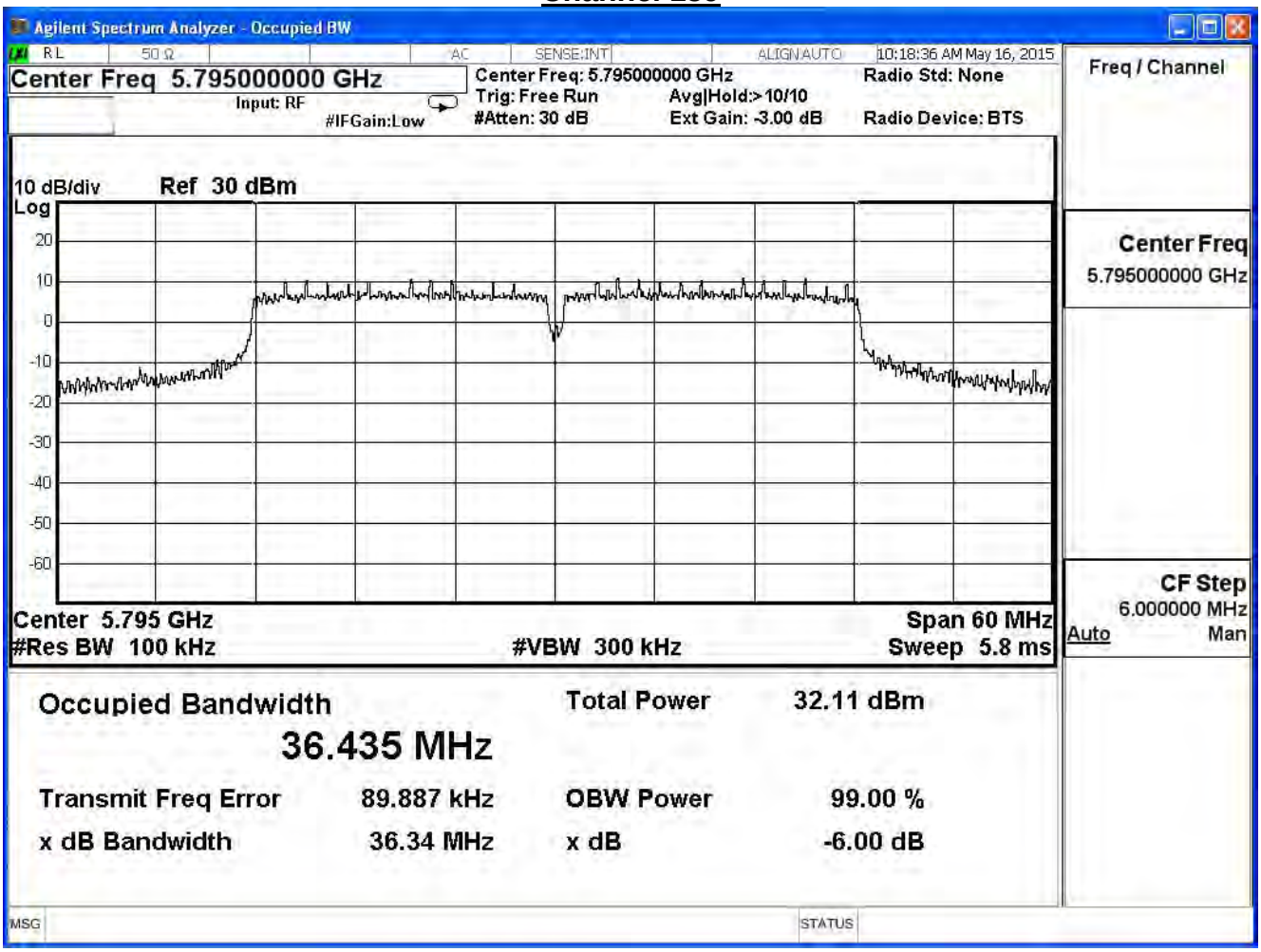
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	36.33	≧0.5	Pass
159	5795	36.34	≧0.5	Pass

Channel 151



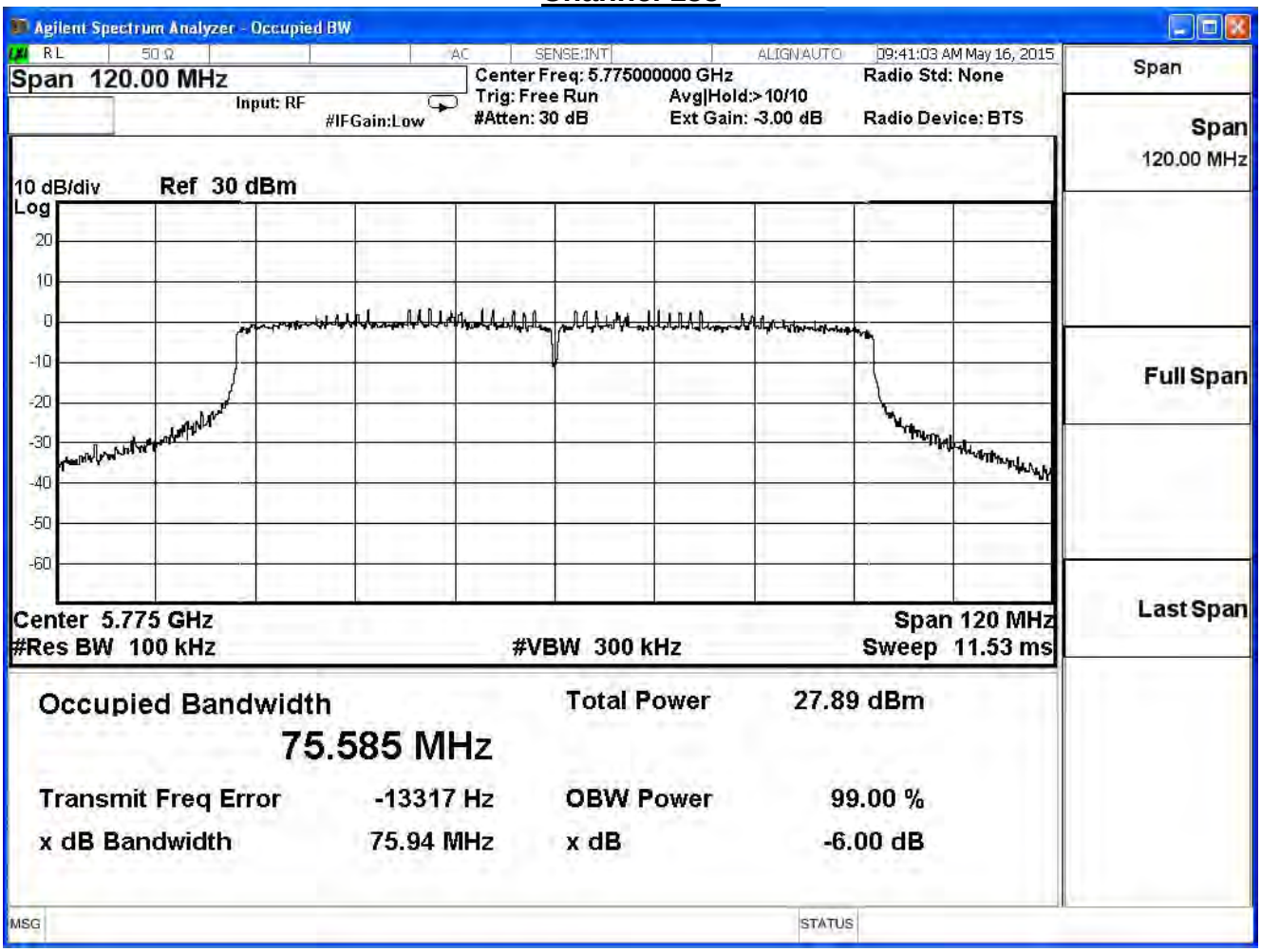
Channel 159


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:18:36 AM May 16, 2015
Center Freq 5.795000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.795000000 GHz
Center 5.795 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 5.8 ms
CF Step
6.000000 MHz
Auto
Man
Occupied Bandwidth
36.435 MHz
Total Power
32.11 dBm
Transmit Freq Error
89.887 kHz
OBW Power
99.00 %
x dB Bandwidth
36.34 MHz
x dB
-6.00 dB
MSG
STATUS

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac (80MHz) (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.94	≧0.5	Pass

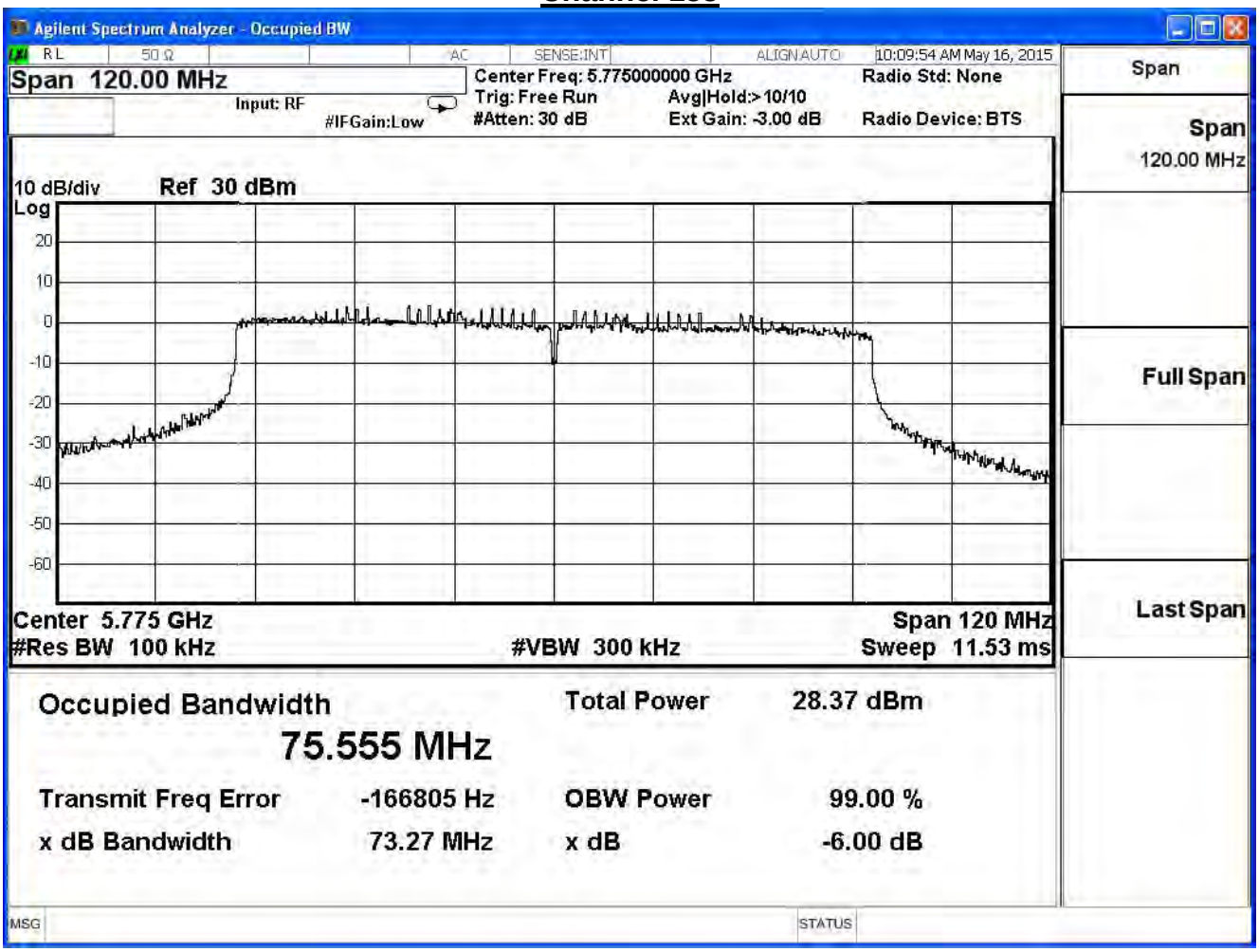
Channel 155



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac (80MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	73.27	≧0.5	Pass

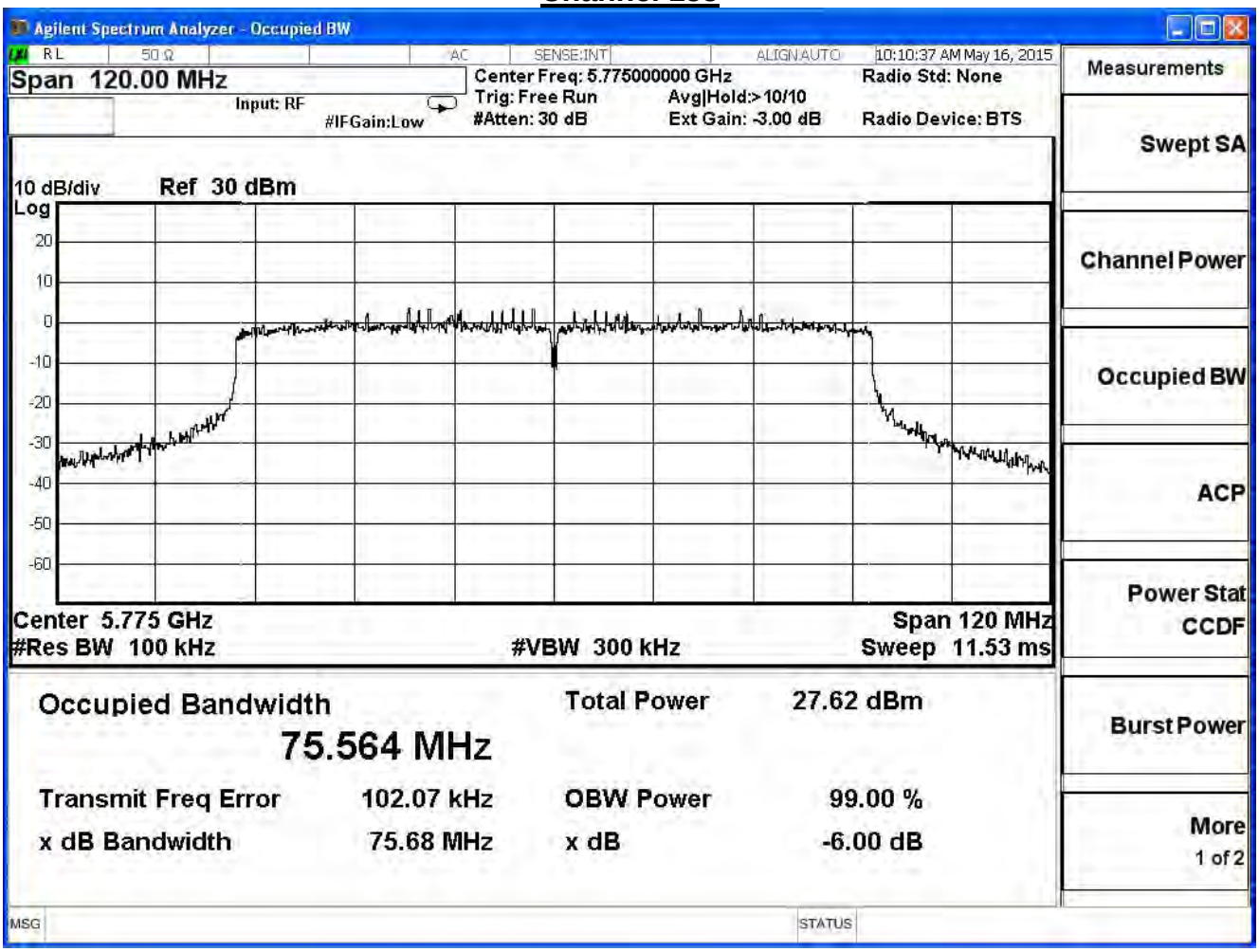
Channel 155



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac (80MHz) (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.68	≧0.5	Pass

Channel 155

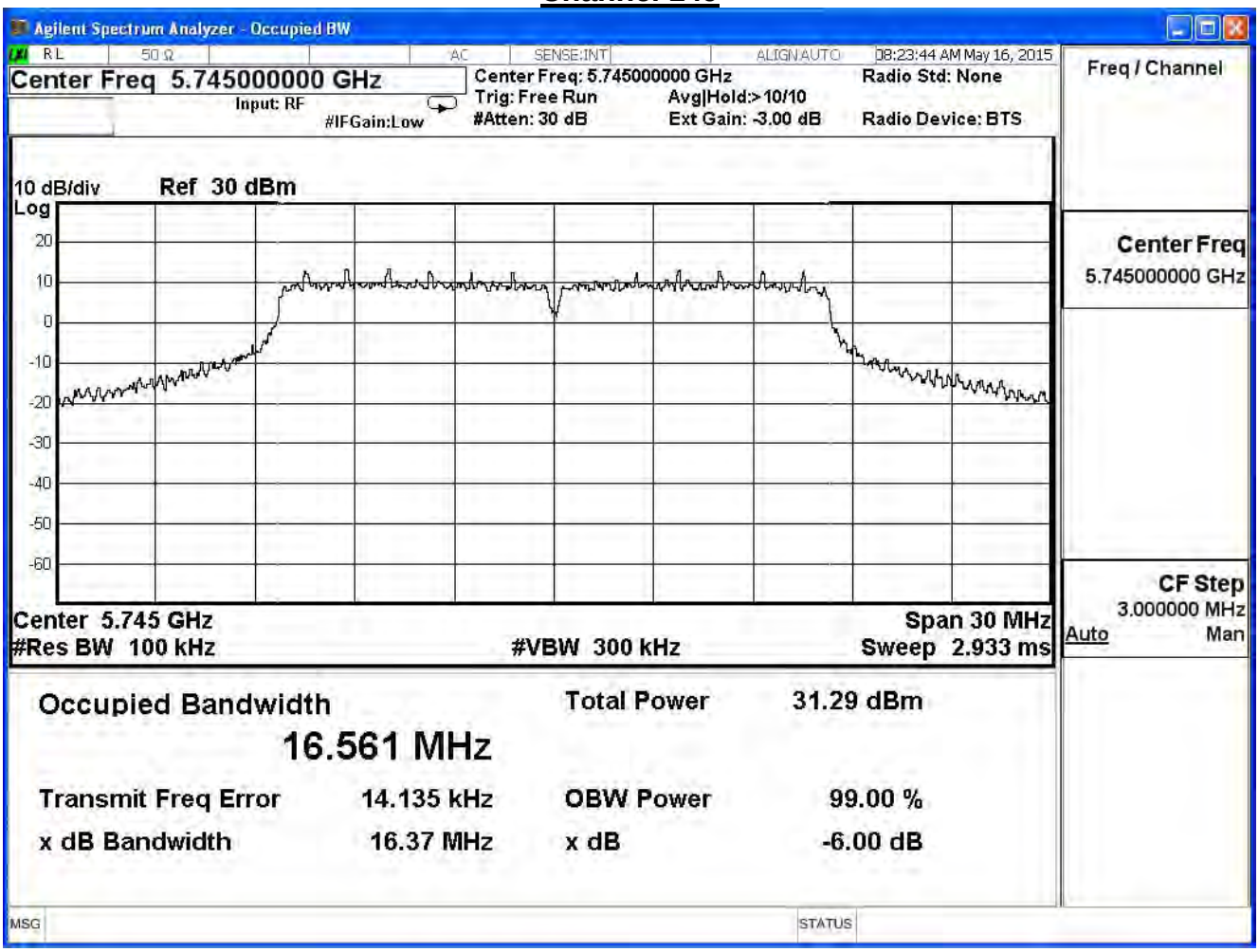


Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

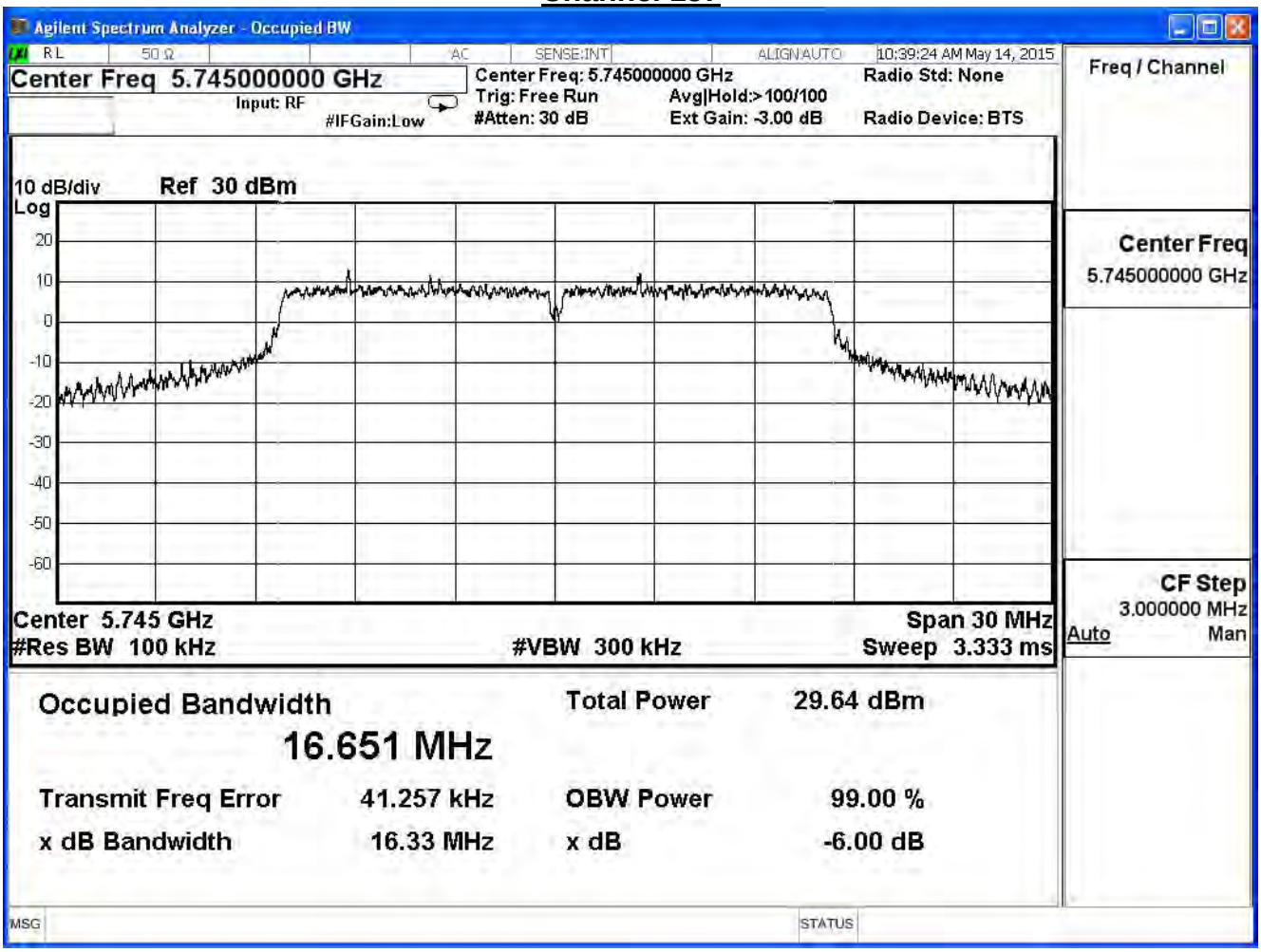
802.11 a (ANT 0)

Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.37	≧0.5	Pass
157	5785	16.33	≧0.5	Pass
165	5825	16.38	≧0.5	Pass

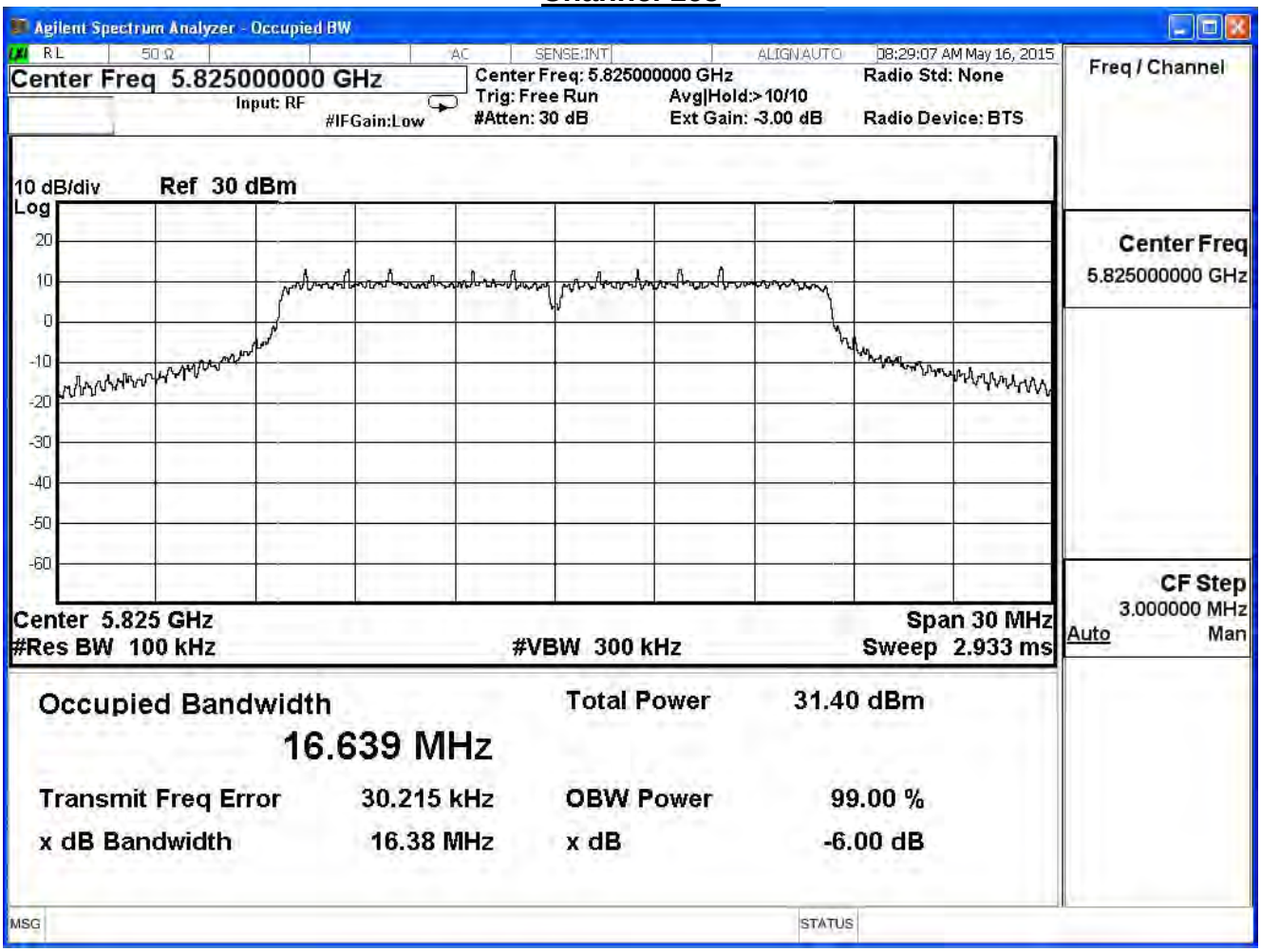
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
10:39:24 AM May 14, 2015
Center Freq 5.745000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.745000000 GHz
Center 5.745 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 3.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
16.651 MHz
Total Power
29.64 dBm
Transmit Freq Error
41.257 kHz
OBW Power
99.00 %
x dB Bandwidth
16.33 MHz
x dB
-6.00 dB
MSG
STATUS

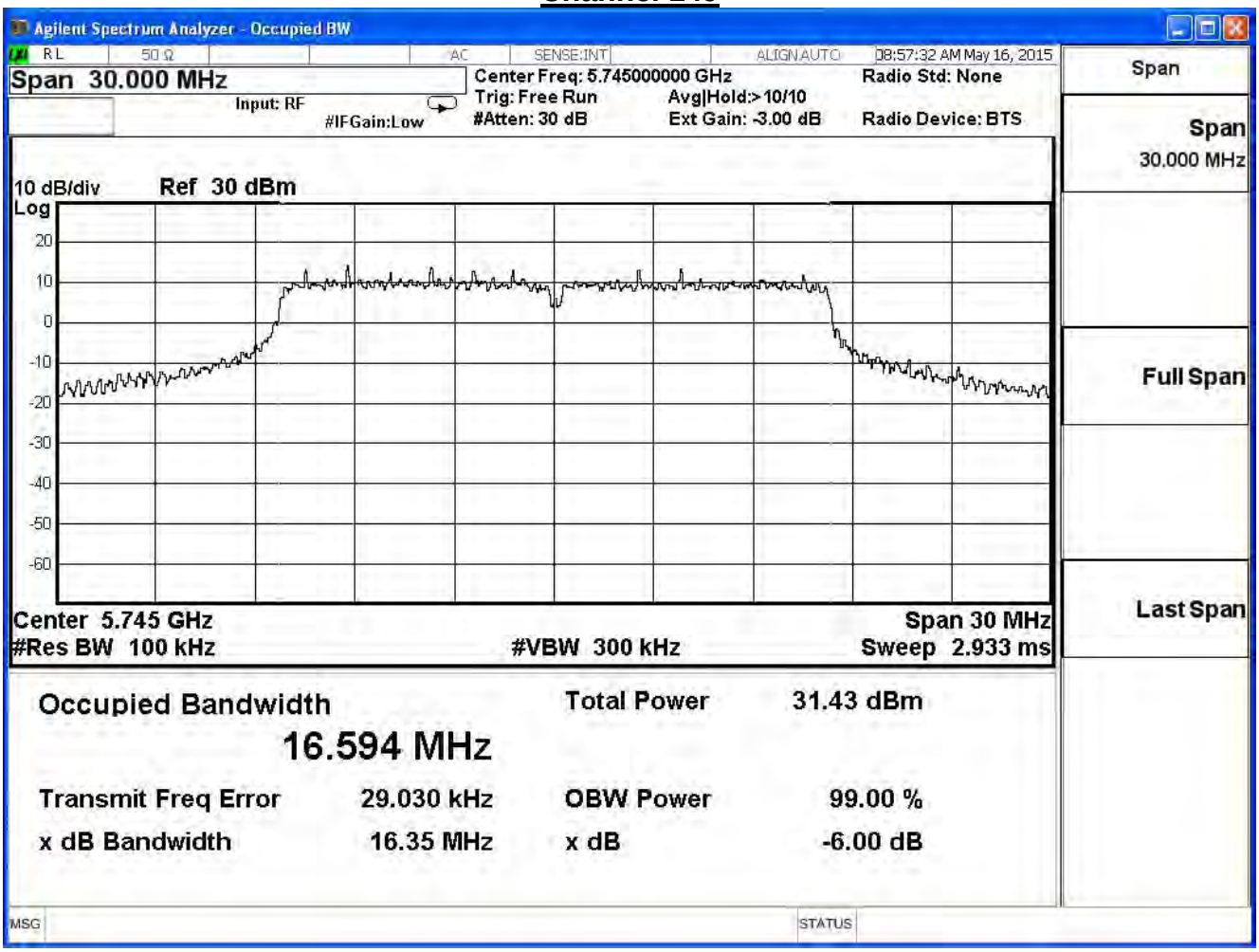
Channel 165


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:29:07 AM May 16, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
16.639 MHz
Total Power
31.40 dBm
Transmit Freq Error
30.215 kHz
OBW Power
99.00 %
x dB Bandwidth
16.38 MHz
x dB
-6.00 dB
MSG
STATUS

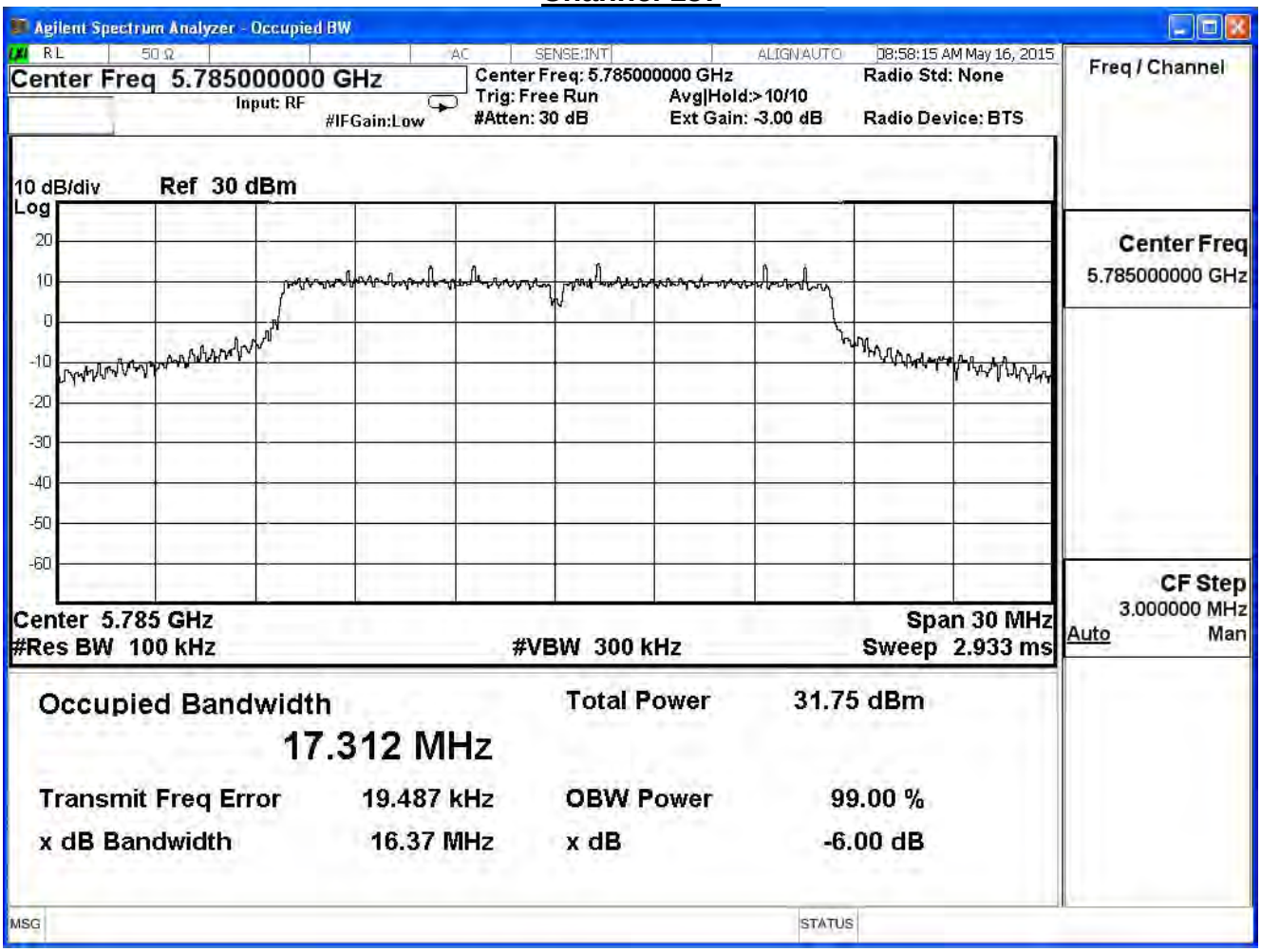
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

802.11 a (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.35	≧0.5	Pass
157	5785	16.37	≧0.5	Pass
165	5825	16.35	≧0.5	Pass

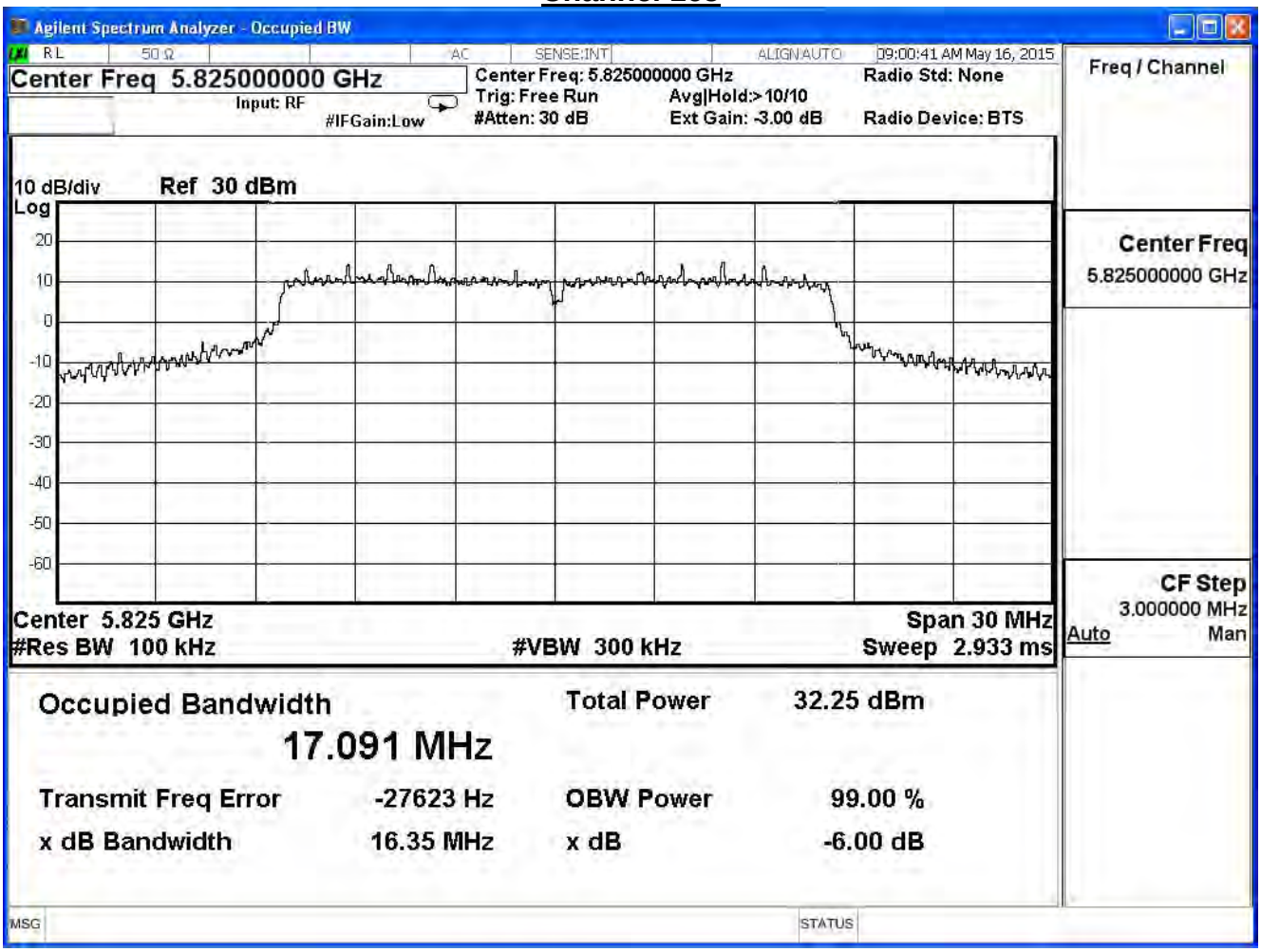
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:58:15 AM May 16, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.312 MHz
Total Power
31.75 dBm
Transmit Freq Error
19.487 kHz
OBW Power
99.00 %
x dB Bandwidth
16.37 MHz
x dB
-6.00 dB
MSG
STATUS

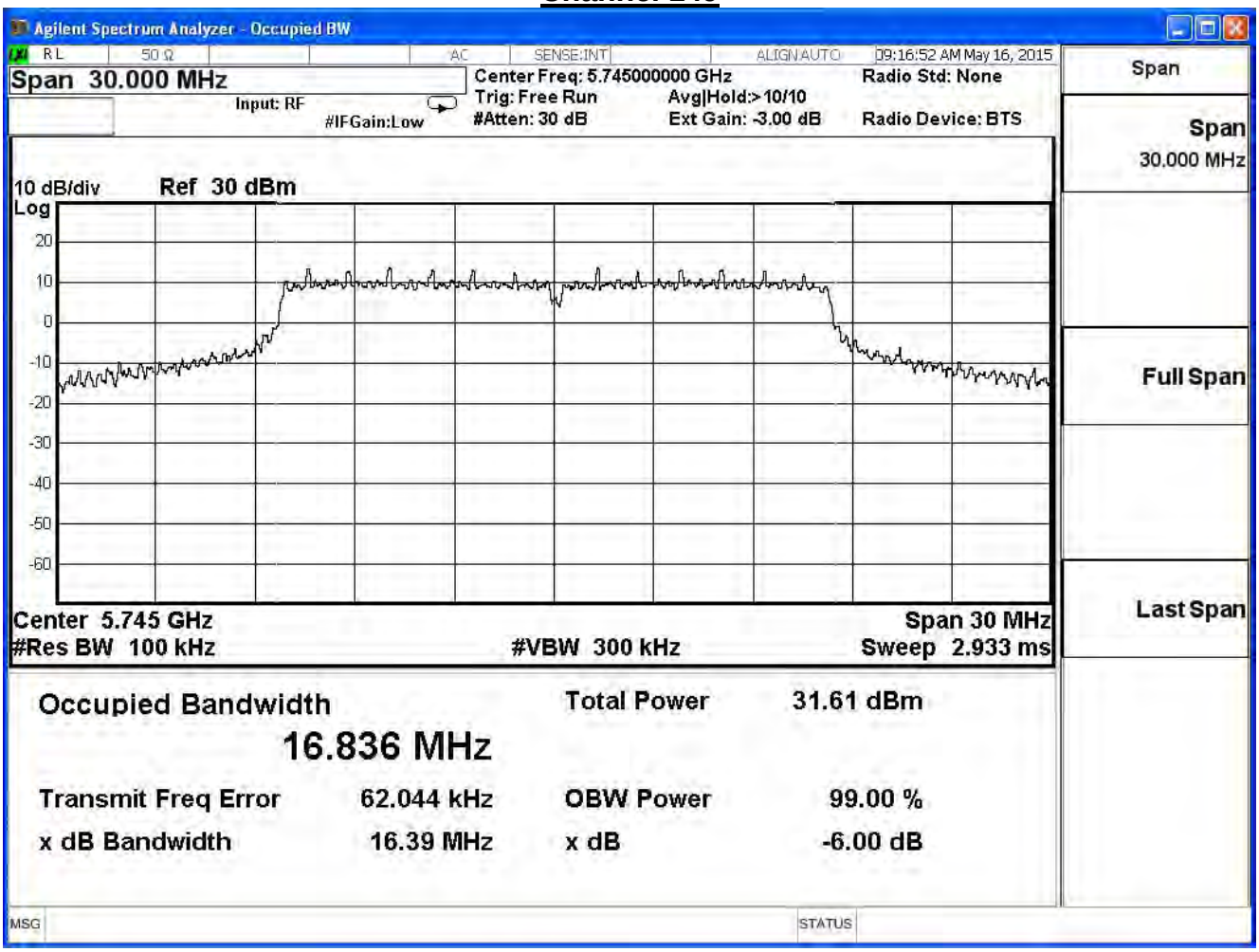
Channel 165


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:00:41 AM May 16, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.091 MHz
Total Power
32.25 dBm
Transmit Freq Error
-27623 Hz
OBW Power
99.00 %
x dB Bandwidth
16.35 MHz
x dB
-6.00 dB
MSG
STATUS

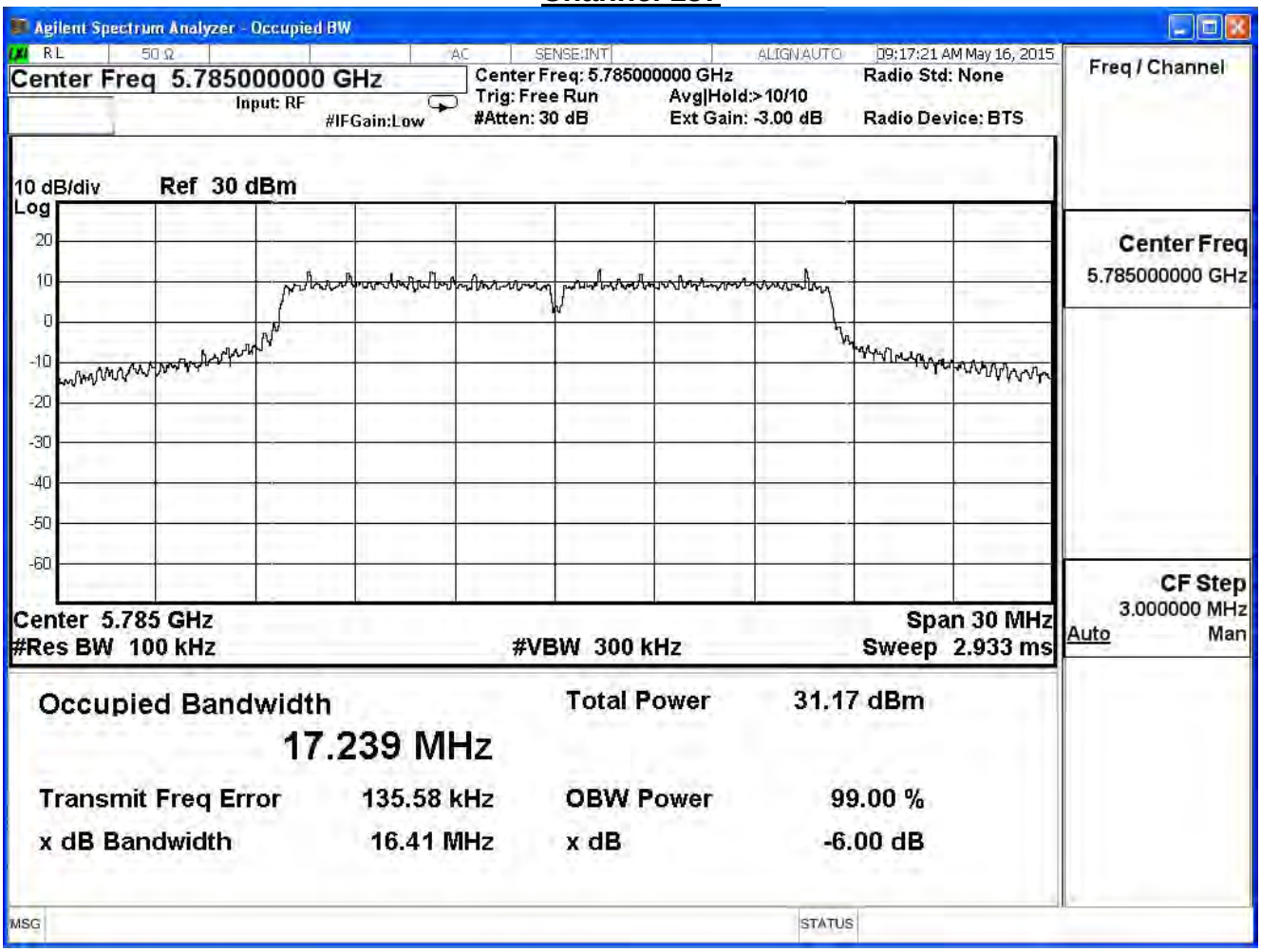
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

802.11 a (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.39	≧0.5	Pass
157	5785	16.41	≧0.5	Pass
165	5825	16.37	≧0.5	Pass

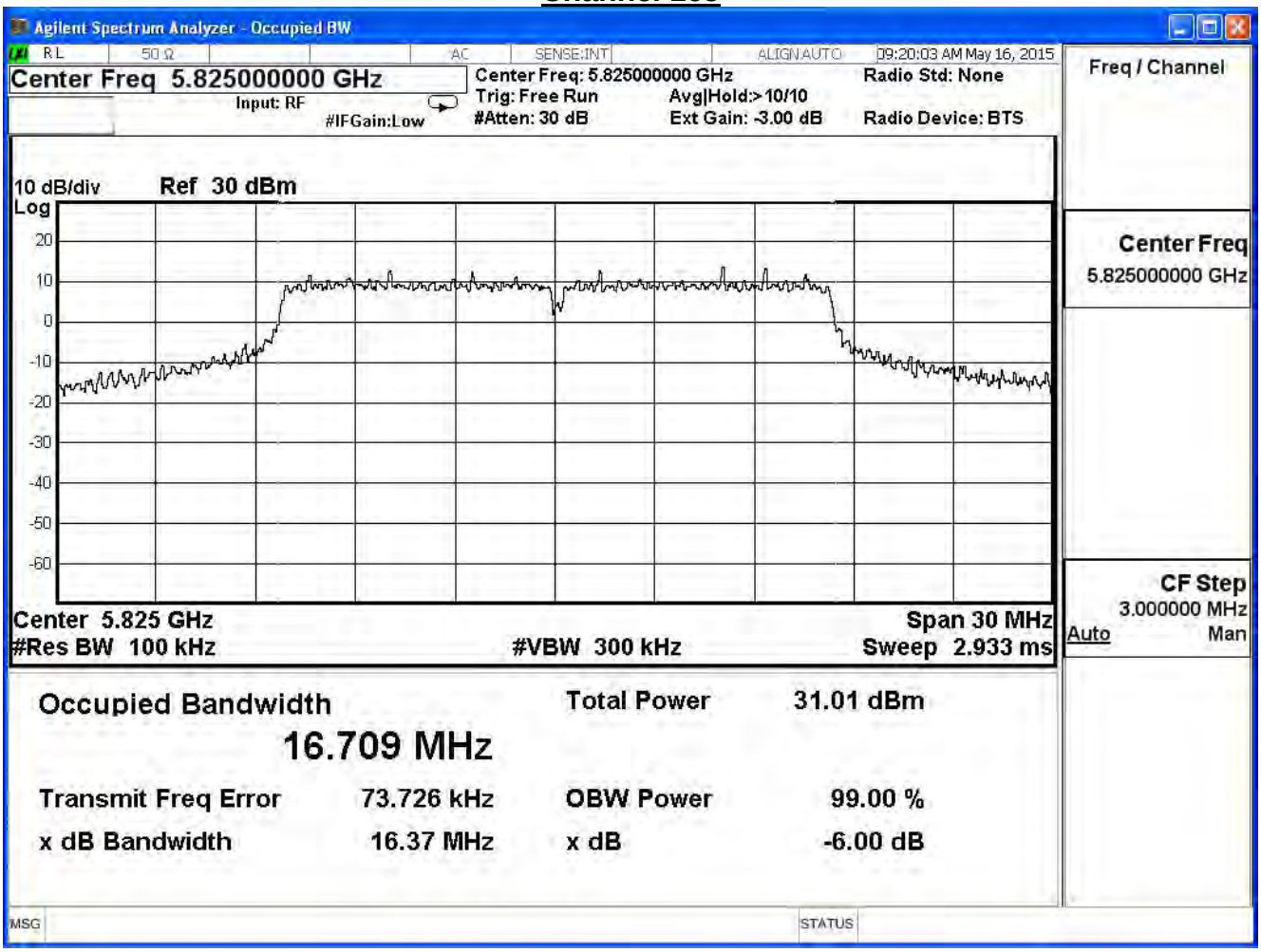
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:17:21 AM May 16, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.239 MHz
Total Power
31.17 dBm
Transmit Freq Error
135.58 kHz
OBW Power
99.00 %
x dB Bandwidth
16.41 MHz
x dB
-6.00 dB
MSG
STATUS

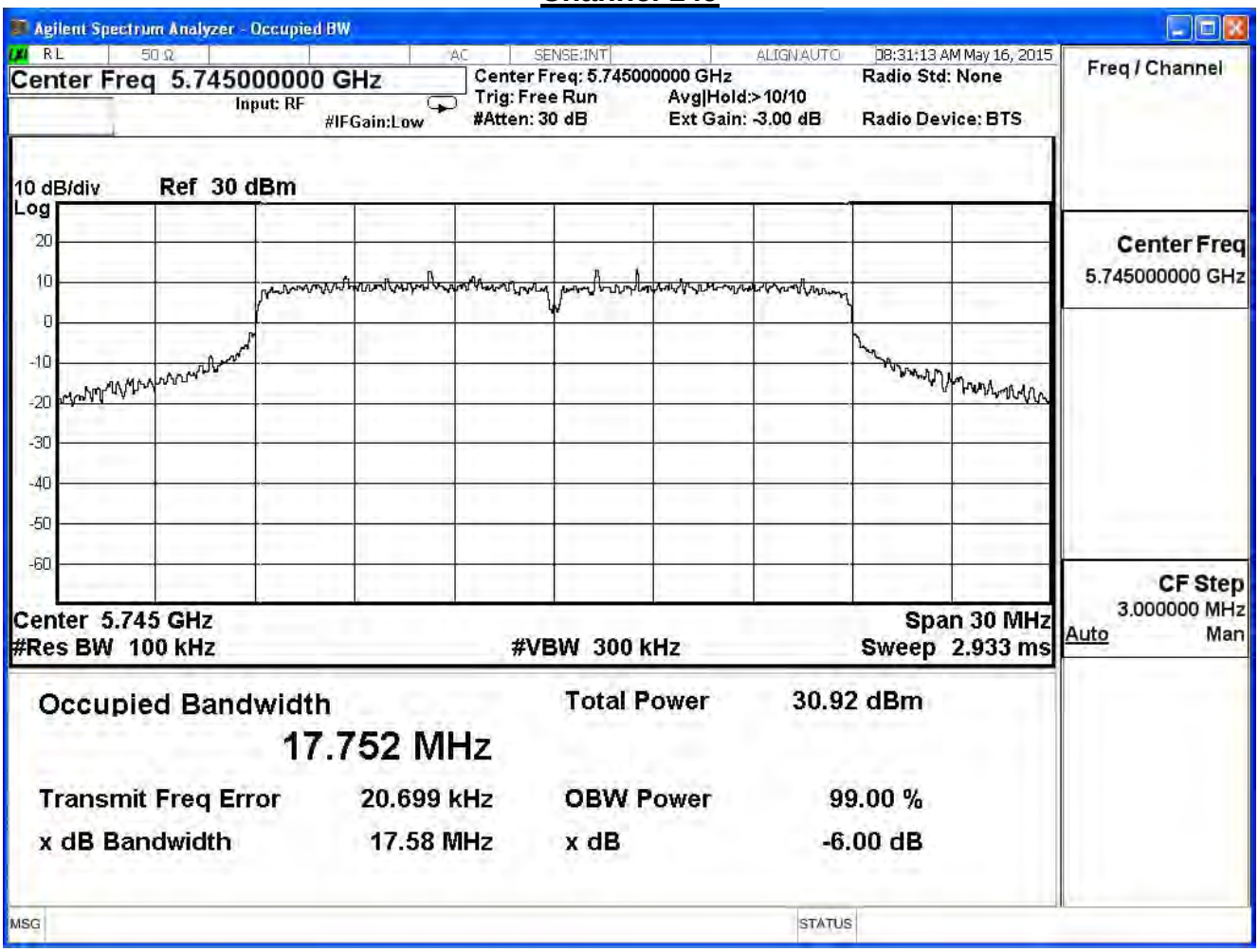
Channel 165


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:20:03 AM May 16, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
16.709 MHz
Total Power
31.01 dBm
Transmit Freq Error
73.726 kHz
OBW Power
99.00 %
x dB Bandwidth
16.37 MHz
x dB
-6.00 dB
MSG
STATUS

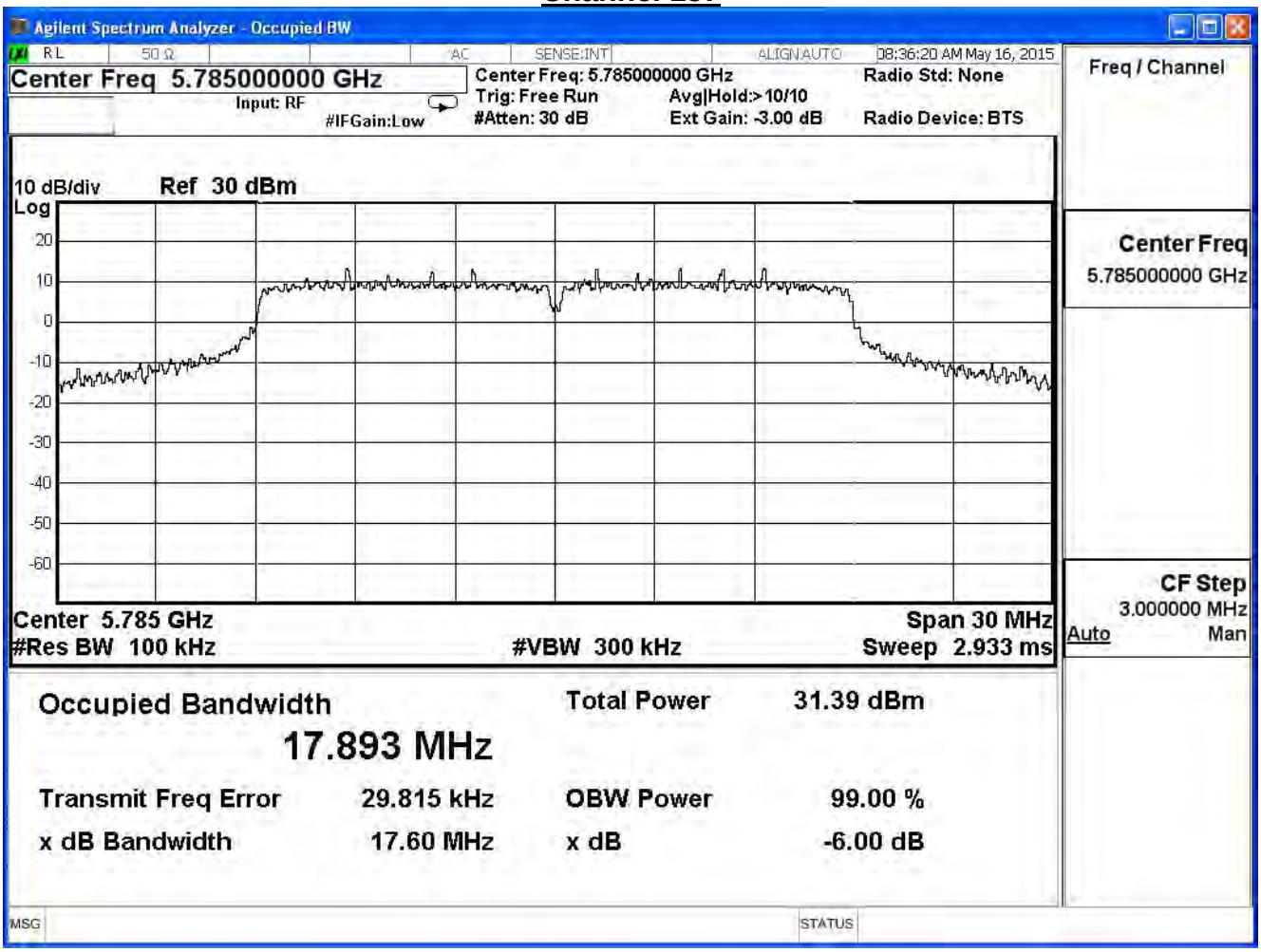
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.58	≧0.5	Pass
157	5785	17.60	≧0.5	Pass
165	5825	17.58	≧0.5	Pass

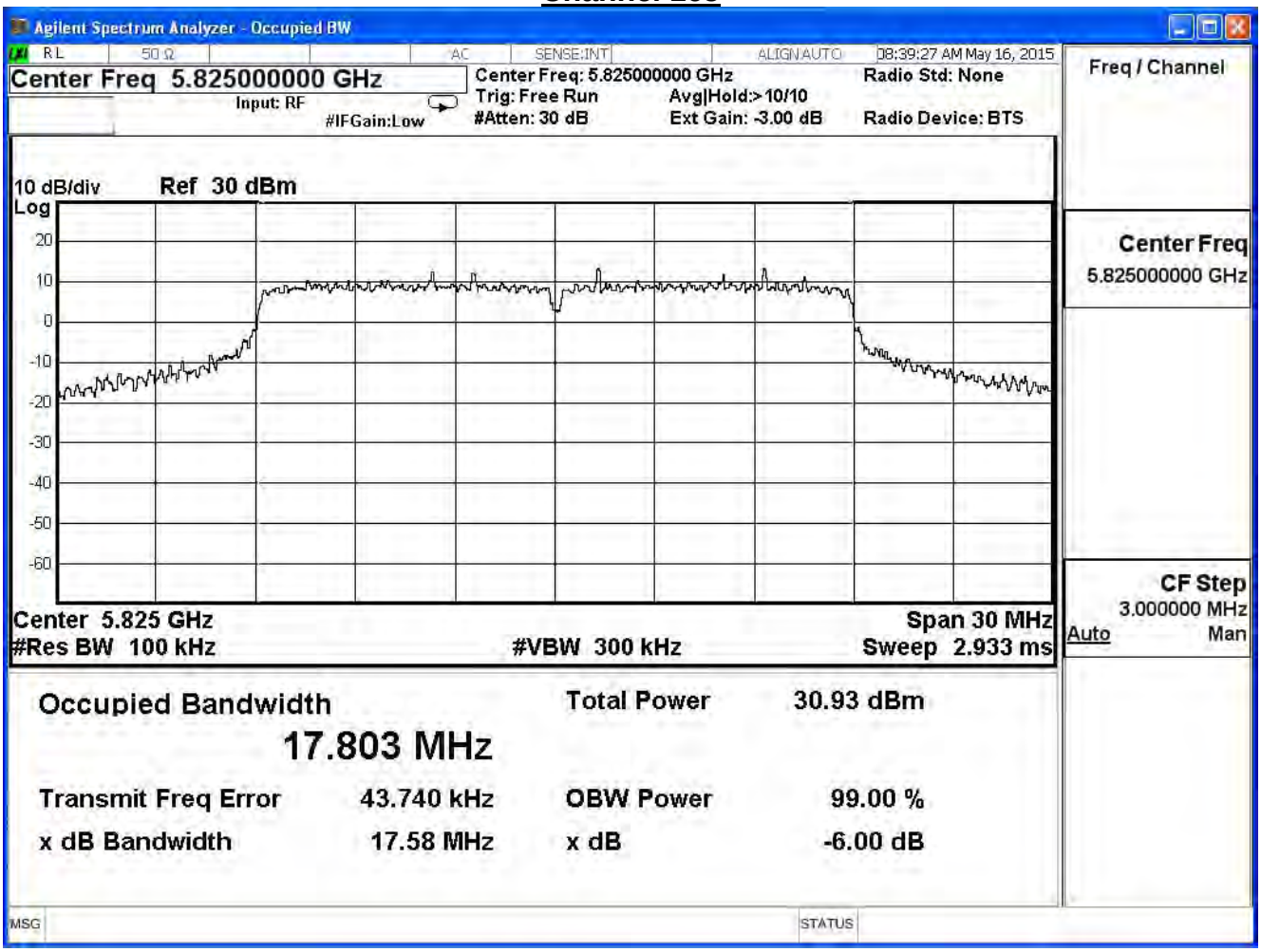
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:36:20 AM May 16, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.893 MHz
Total Power
31.39 dBm
Transmit Freq Error
29.815 kHz
OBW Power
99.00 %
x dB Bandwidth
17.60 MHz
x dB
-6.00 dB
MSG
STATUS

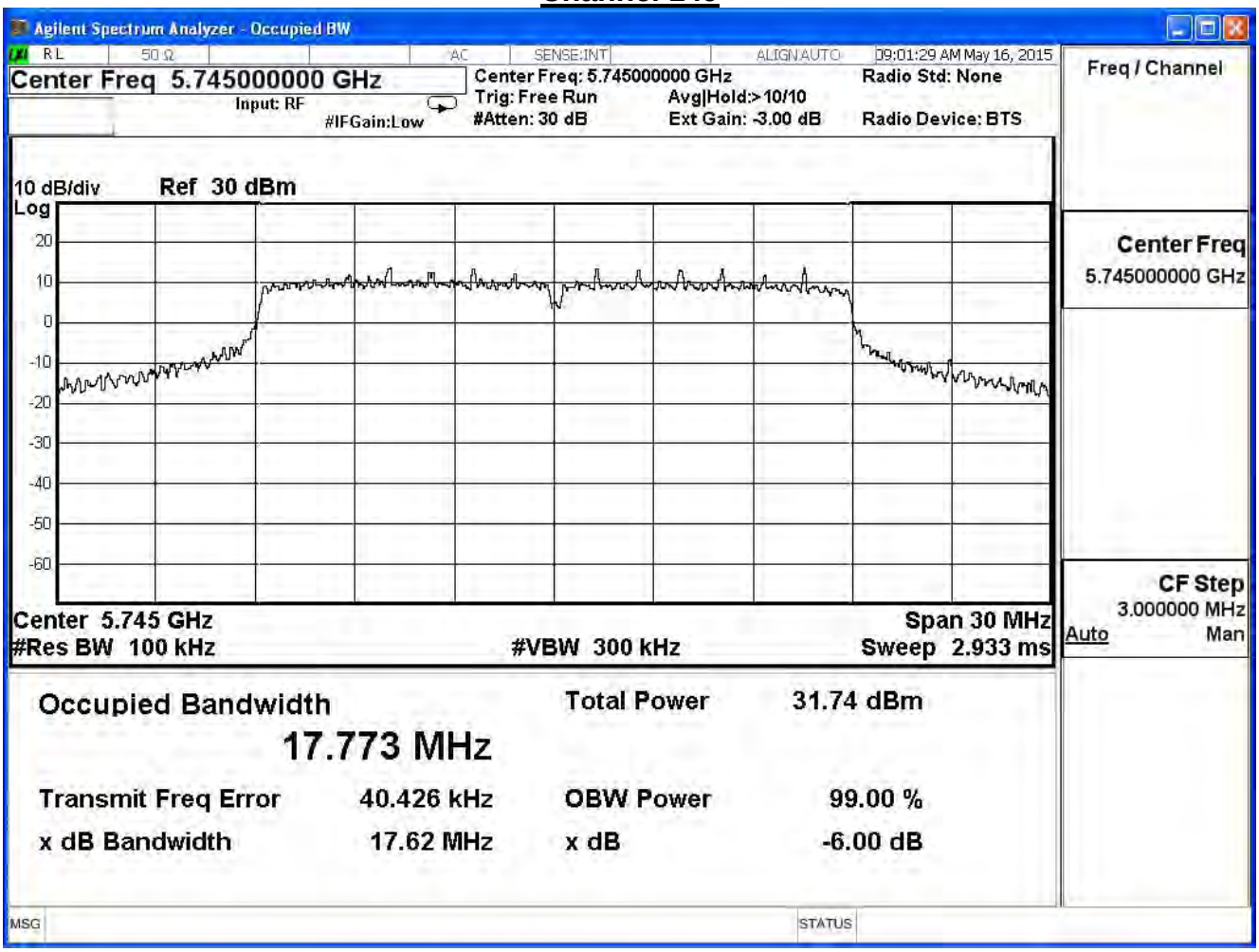
Channel 165


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:39:27 AM May 16, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.803 MHz
Total Power
30.93 dBm
Transmit Freq Error
43.740 kHz
OBW Power
99.00 %
x dB Bandwidth
17.58 MHz
x dB
-6.00 dB
MSG
STATUS

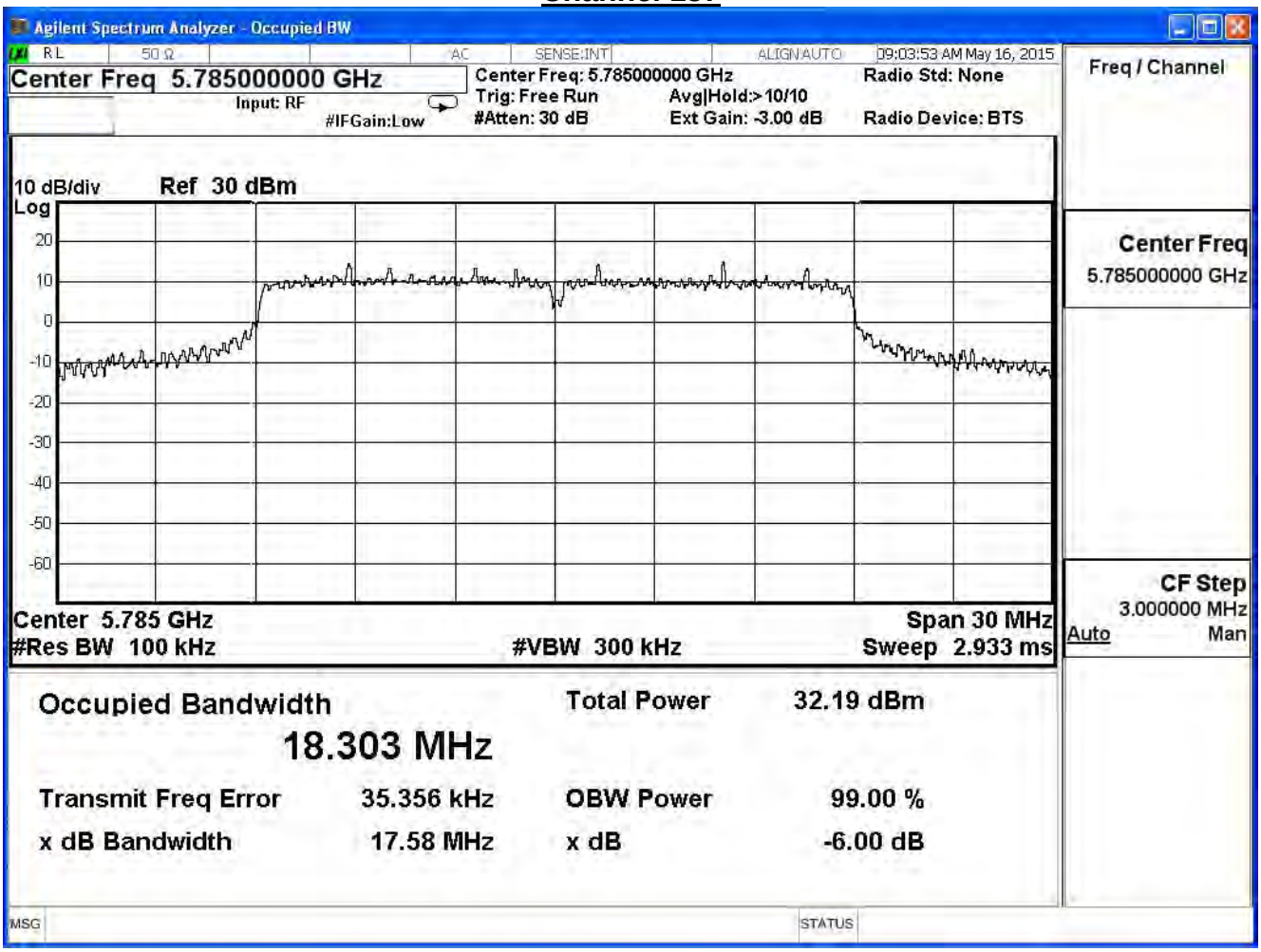
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.62	≧0.5	Pass
157	5785	17.58	≧0.5	Pass
165	5825	17.59	≧0.5	Pass

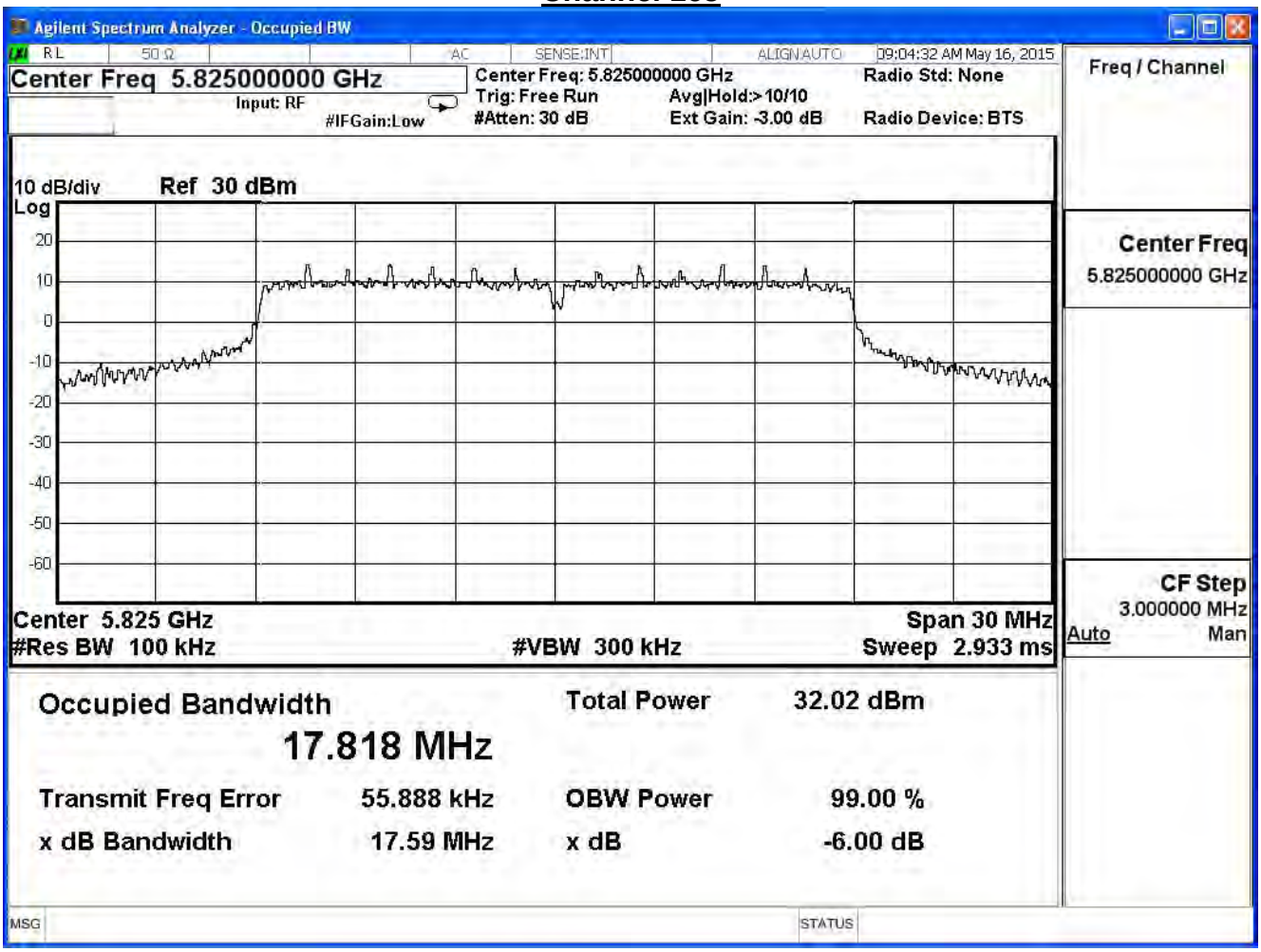
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:03:53 AM May 16, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
18.303 MHz
Total Power
32.19 dBm
Transmit Freq Error
35.356 kHz
OBW Power
99.00 %
x dB Bandwidth
17.58 MHz
x dB
-6.00 dB
MSG
STATUS

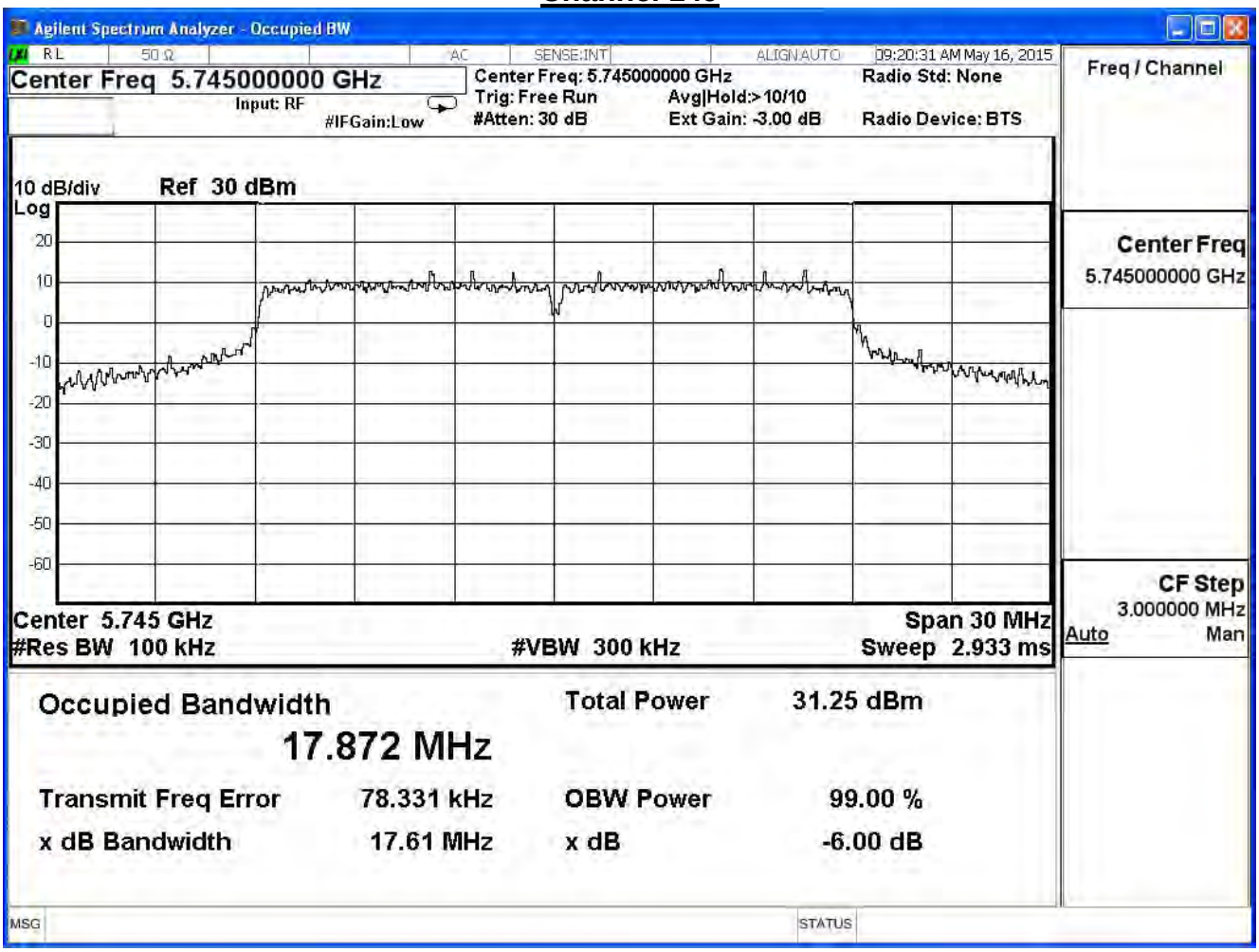
Channel 165


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:04:32 AM May 16, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.818 MHz
Total Power
32.02 dBm
Transmit Freq Error
55.888 kHz
OBW Power
99.00 %
x dB Bandwidth
17.59 MHz
x dB
-6.00 dB
MSG
STATUS

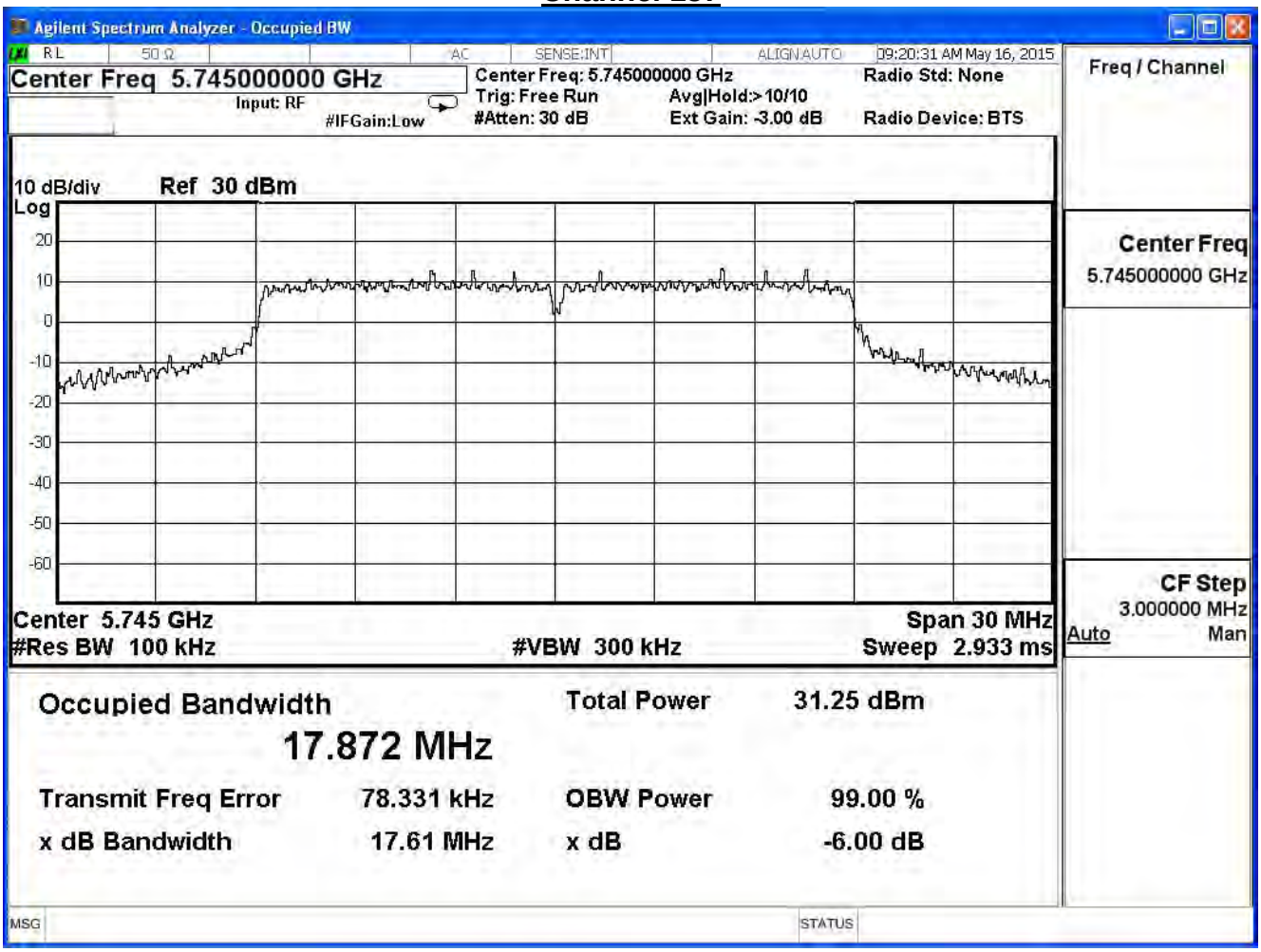
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (20MHz)(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.61	≧0.5	Pass
157	5785	17.61	≧0.5	Pass
165	5825	17.59	≧0.5	Pass

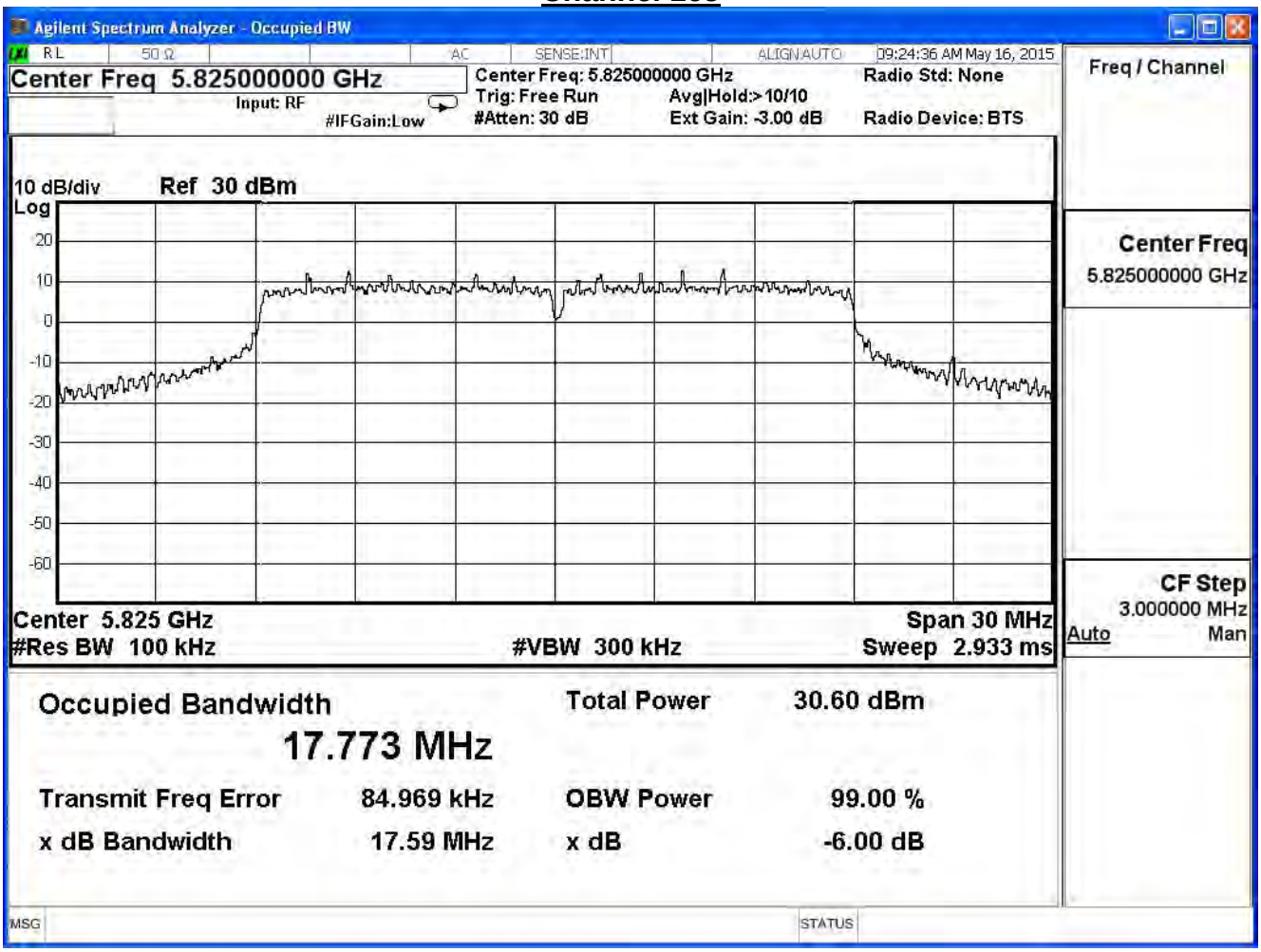
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:20:31 AM May 16, 2015
Center Freq 5.745000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.745000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.745000000 GHz
Center 5.745 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.872 MHz
Total Power
31.25 dBm
Transmit Freq Error
78.331 kHz
OBW Power
99.00 %
x dB Bandwidth
17.61 MHz
x dB
-6.00 dB
MSG
STATUS

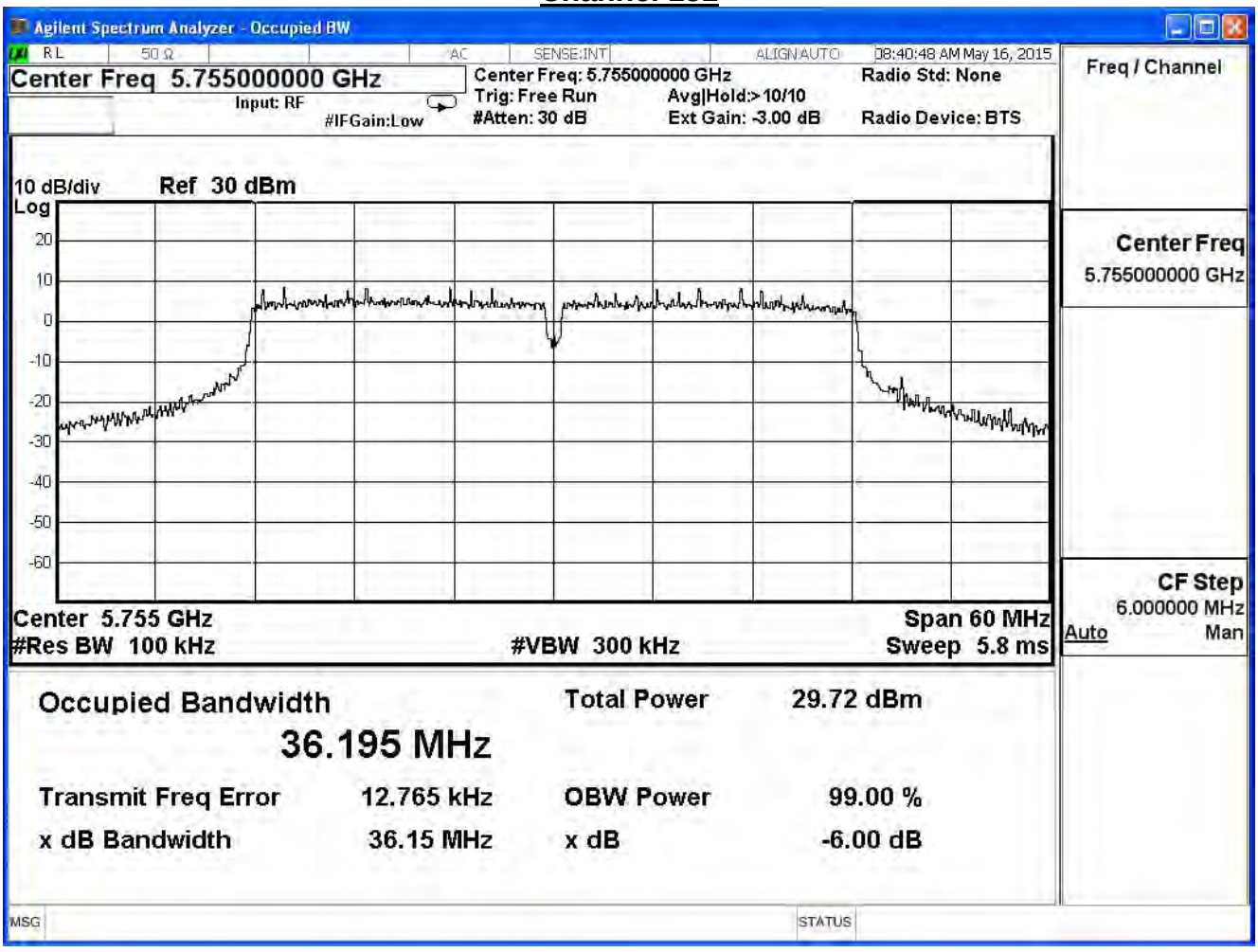
Channel 165


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:24:36 AM May 16, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.773 MHz
Total Power
30.60 dBm
Transmit Freq Error
84.969 kHz
OBW Power
99.00 %
x dB Bandwidth
17.59 MHz
x dB
-6.00 dB
MSG
STATUS

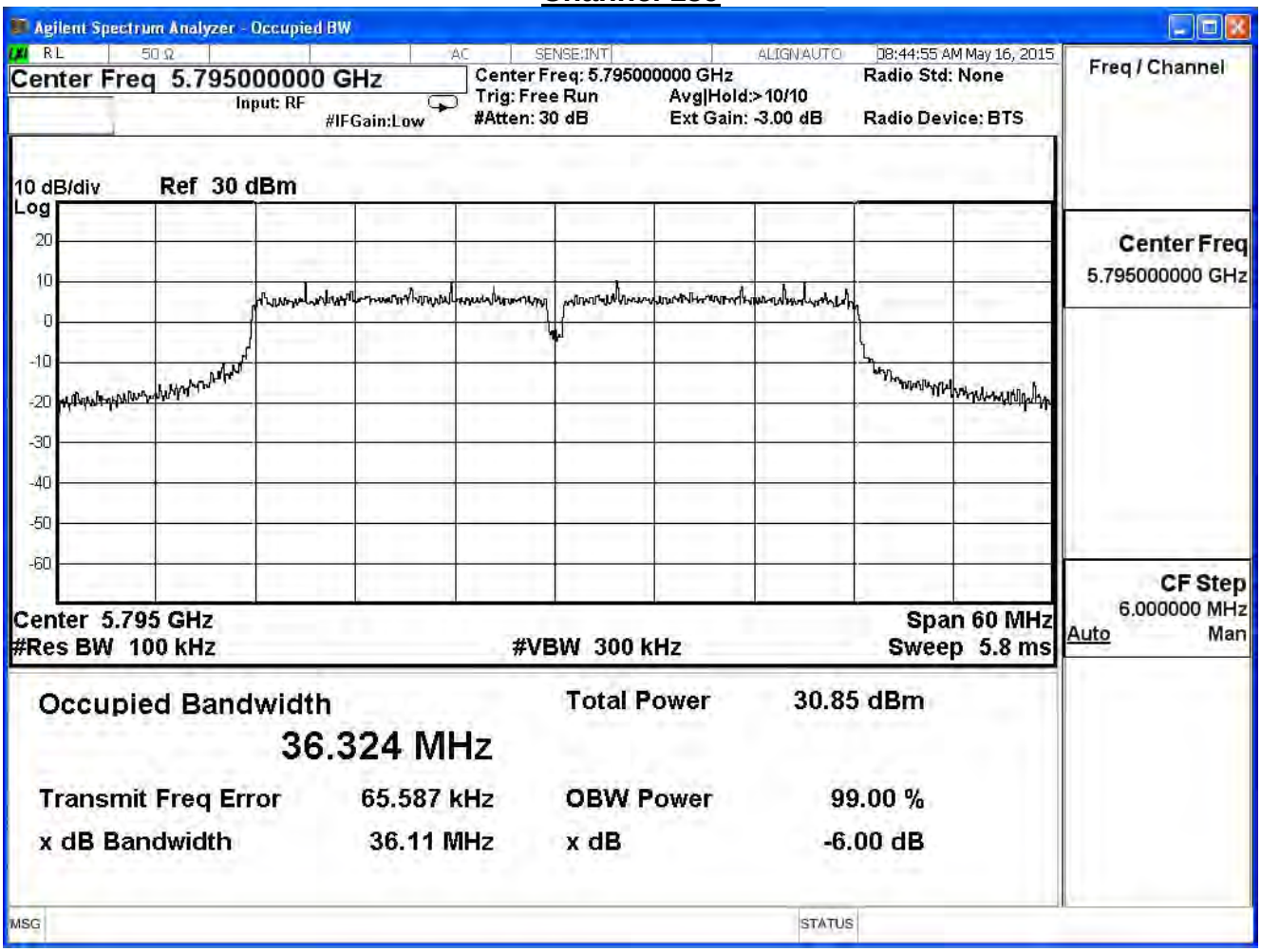
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	36.15	≧0.5	Pass
159	5795	36.11	≧0.5	Pass

Channel 151



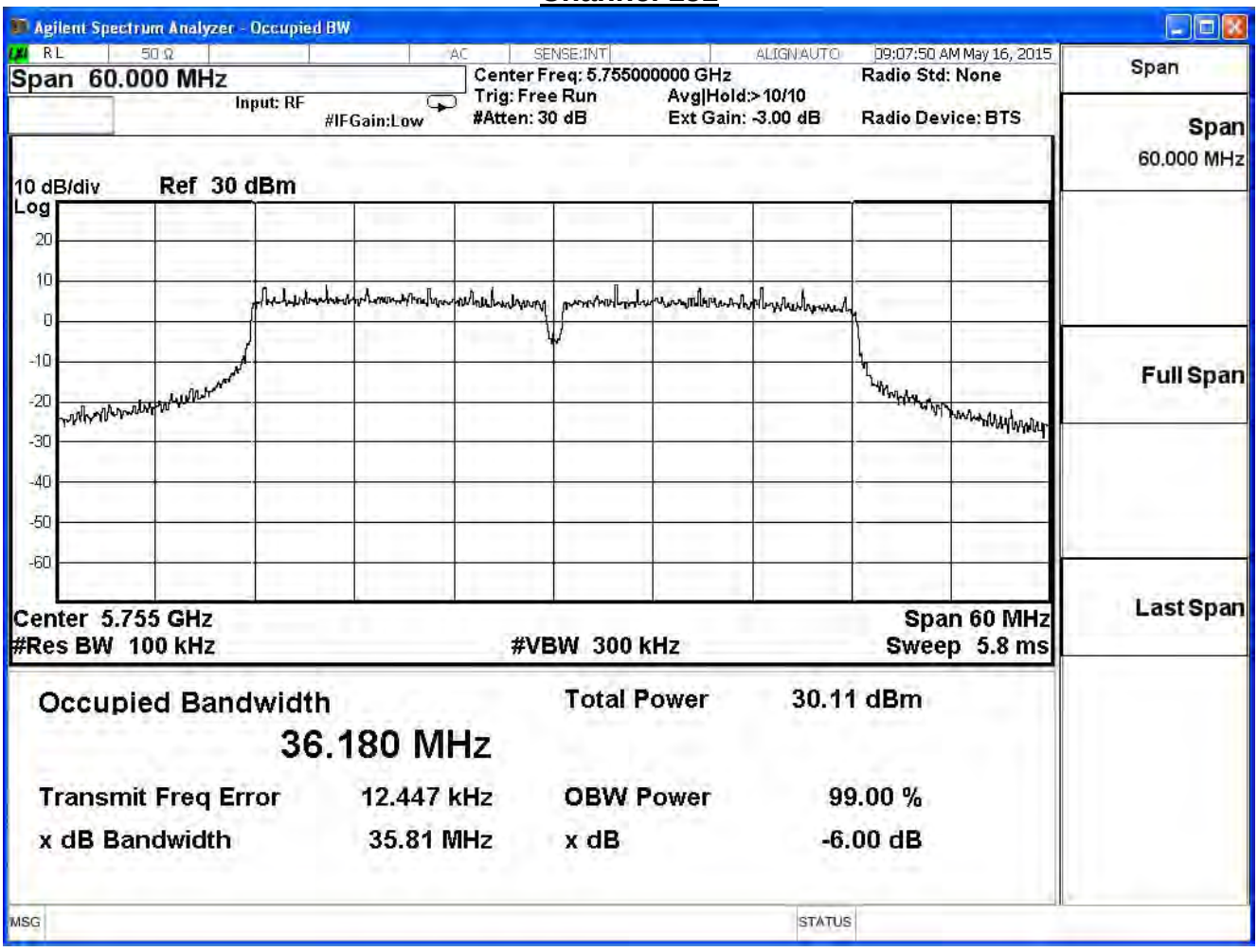
Channel 159


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
08:44:55 AM May 16, 2015
Center Freq 5.795000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.795000000 GHz
Center 5.795 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 5.8 ms
CF Step
6.000000 MHz
Auto
Man
Occupied Bandwidth
36.324 MHz
Total Power
30.85 dBm
Transmit Freq Error
65.587 kHz
OBW Power
99.00 %
x dB Bandwidth
36.11 MHz
x dB
-6.00 dB
MSG
STATUS

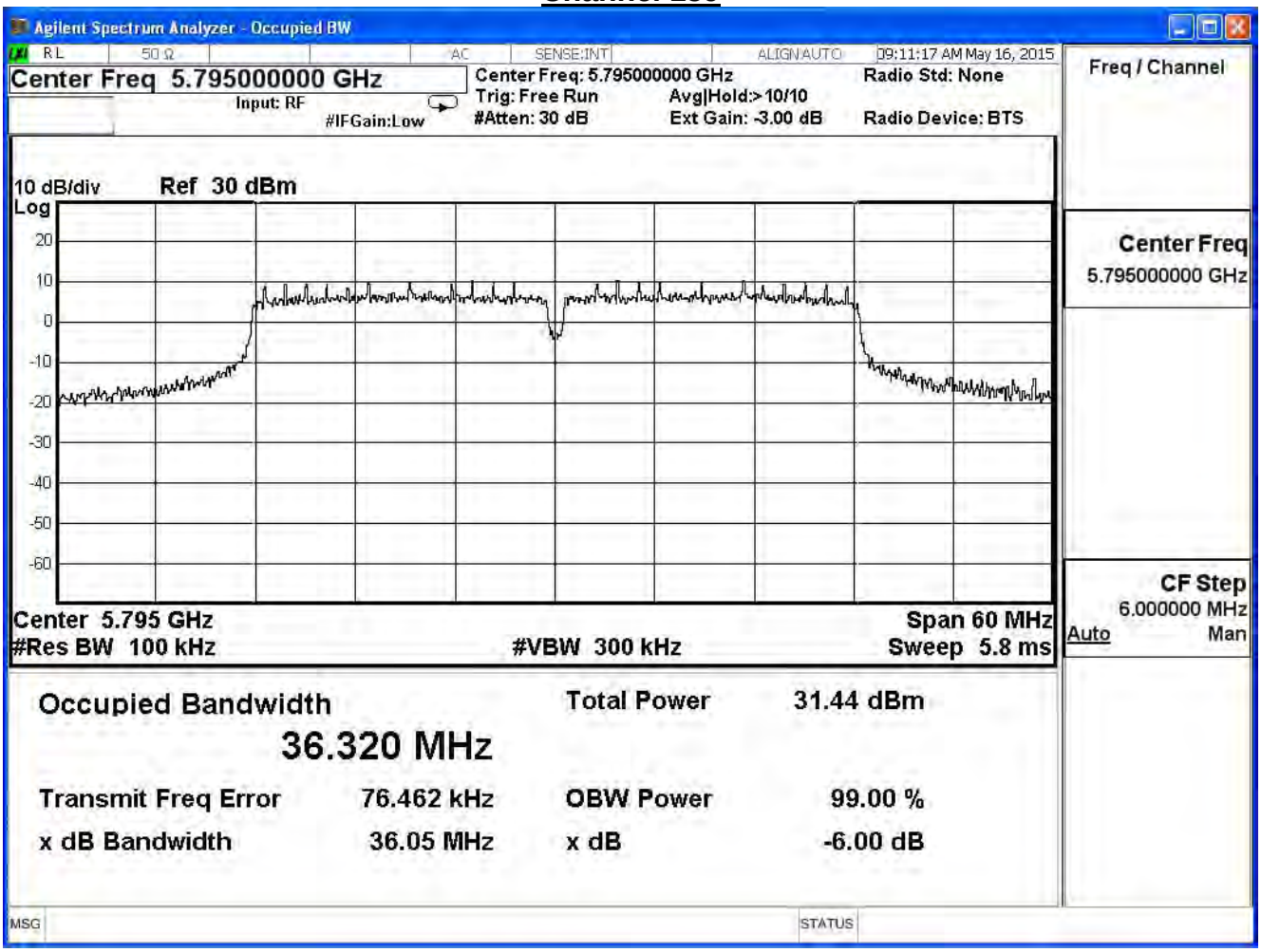
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	35.81	≧0.5	Pass
159	5795	36.05	≧0.5	Pass

Channel 151



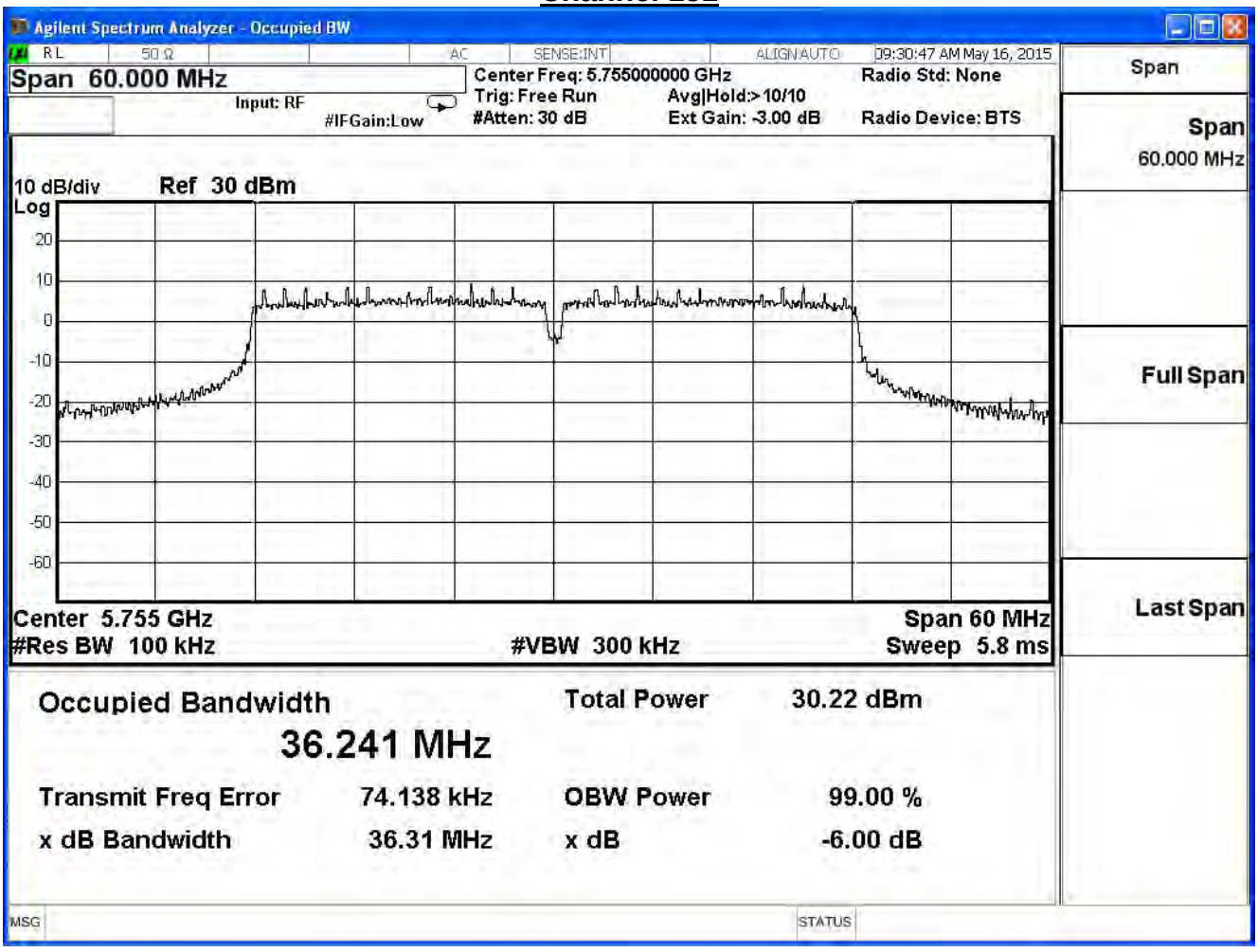
Channel 159


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:11:17 AM May 16, 2015
Center Freq 5.795000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>10/10
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.795000000 GHz
Center 5.795 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 5.8 ms
CF Step
6.000000 MHz
Auto
Man
Occupied Bandwidth
36.320 MHz
Total Power
31.44 dBm
Transmit Freq Error
76.462 kHz
OBW Power
99.00 %
x dB Bandwidth
36.05 MHz
x dB
-6.00 dB
MSG
STATUS

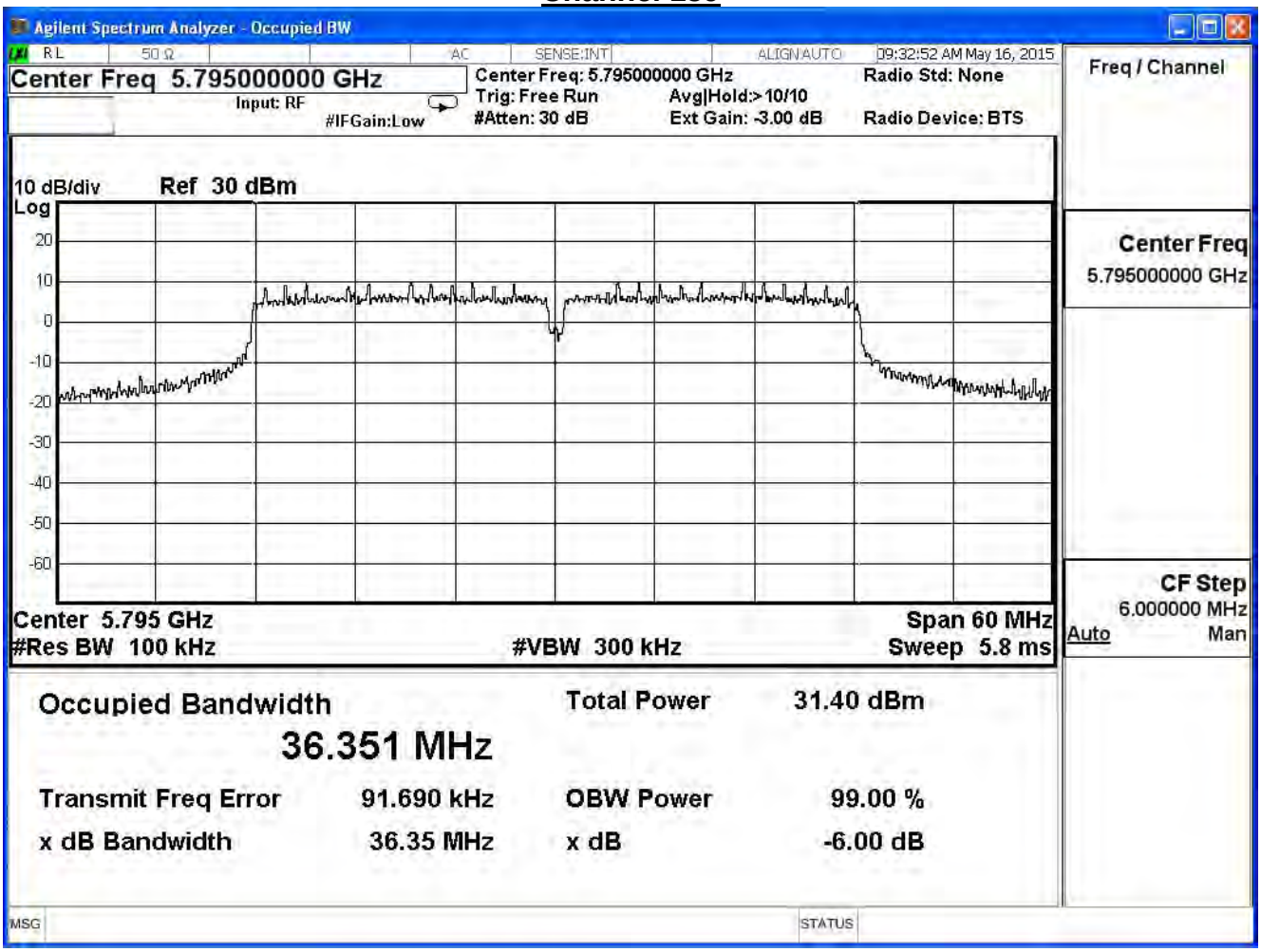
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11n (40MHz)(ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	36.31	≧0.5	Pass
159	5795	36.35	≧0.5	Pass

Channel 151



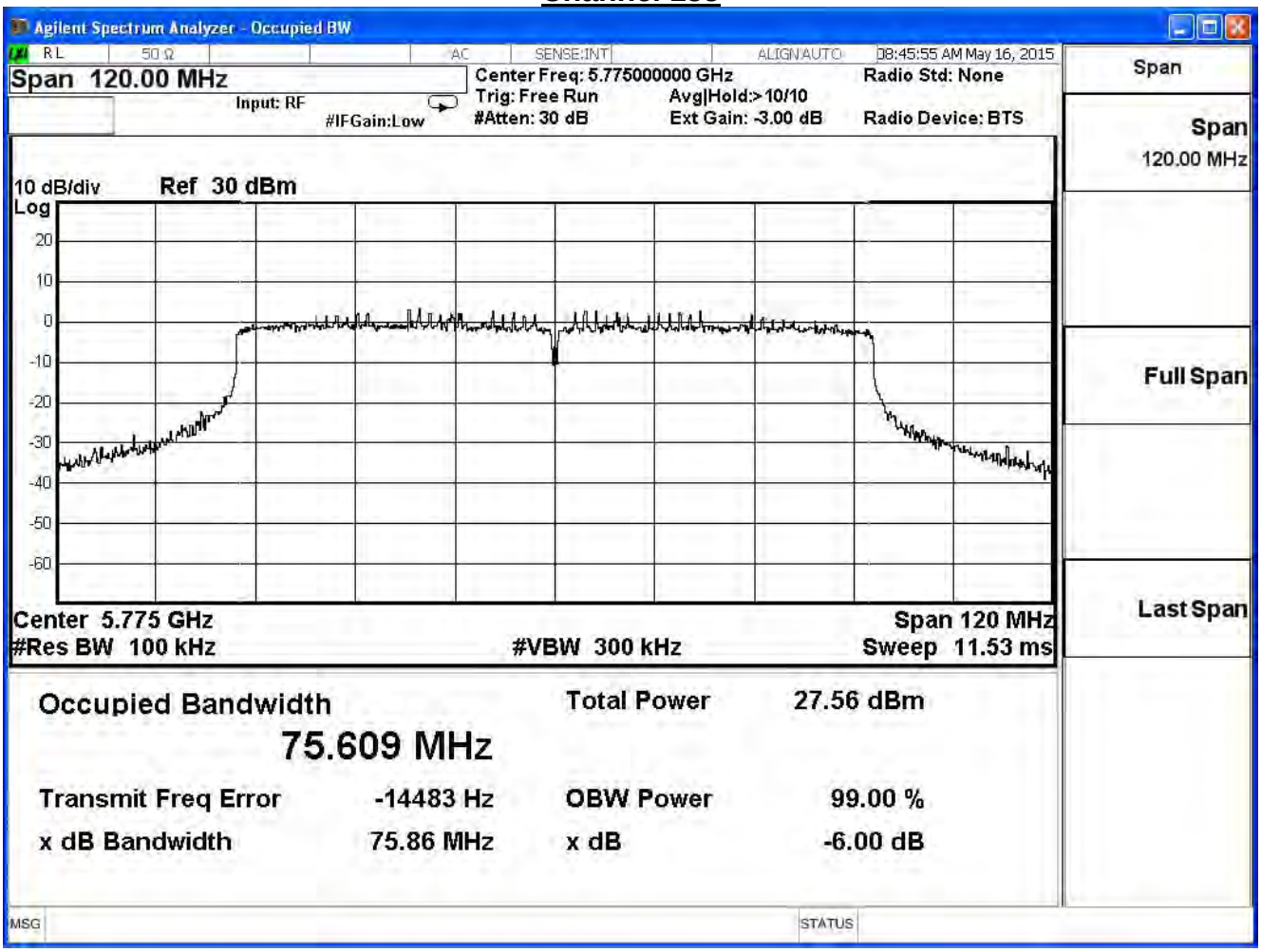
Channel 159


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
09:32:52 AM May 16, 2015
Center Freq 5.795000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.795000000 GHz
Center 5.795 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 5.8 ms
CF Step
6.000000 MHz
Auto
Man
Occupied Bandwidth
36.351 MHz
Total Power
31.40 dBm
Transmit Freq Error
91.690 kHz
OBW Power
99.00 %
x dB Bandwidth
36.35 MHz
x dB
-6.00 dB
MSG
STATUS

Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac (80MHz) (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.86	≧0.5	Pass

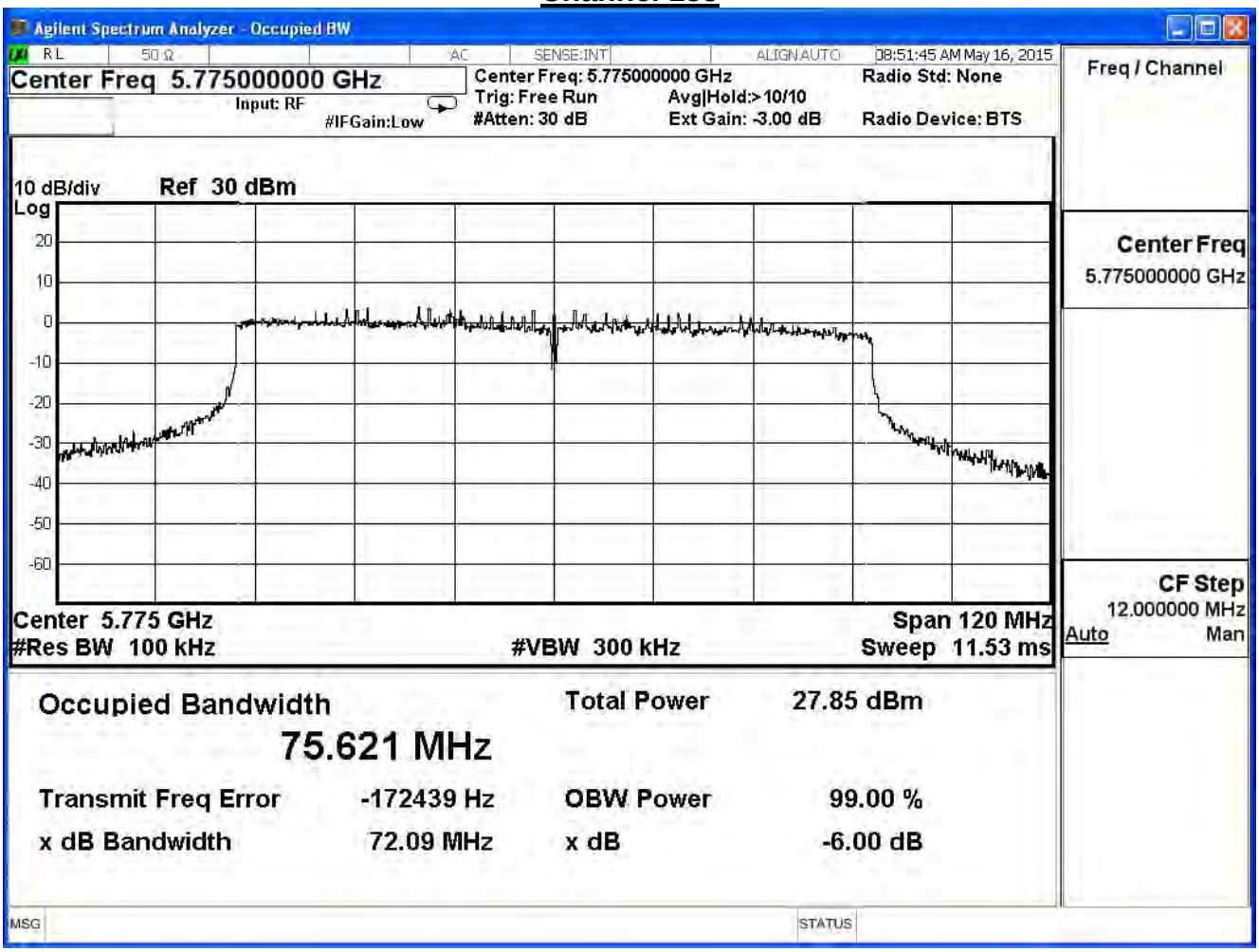
Channel 155



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac (80MHz) (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	72.09	≧0.5	Pass

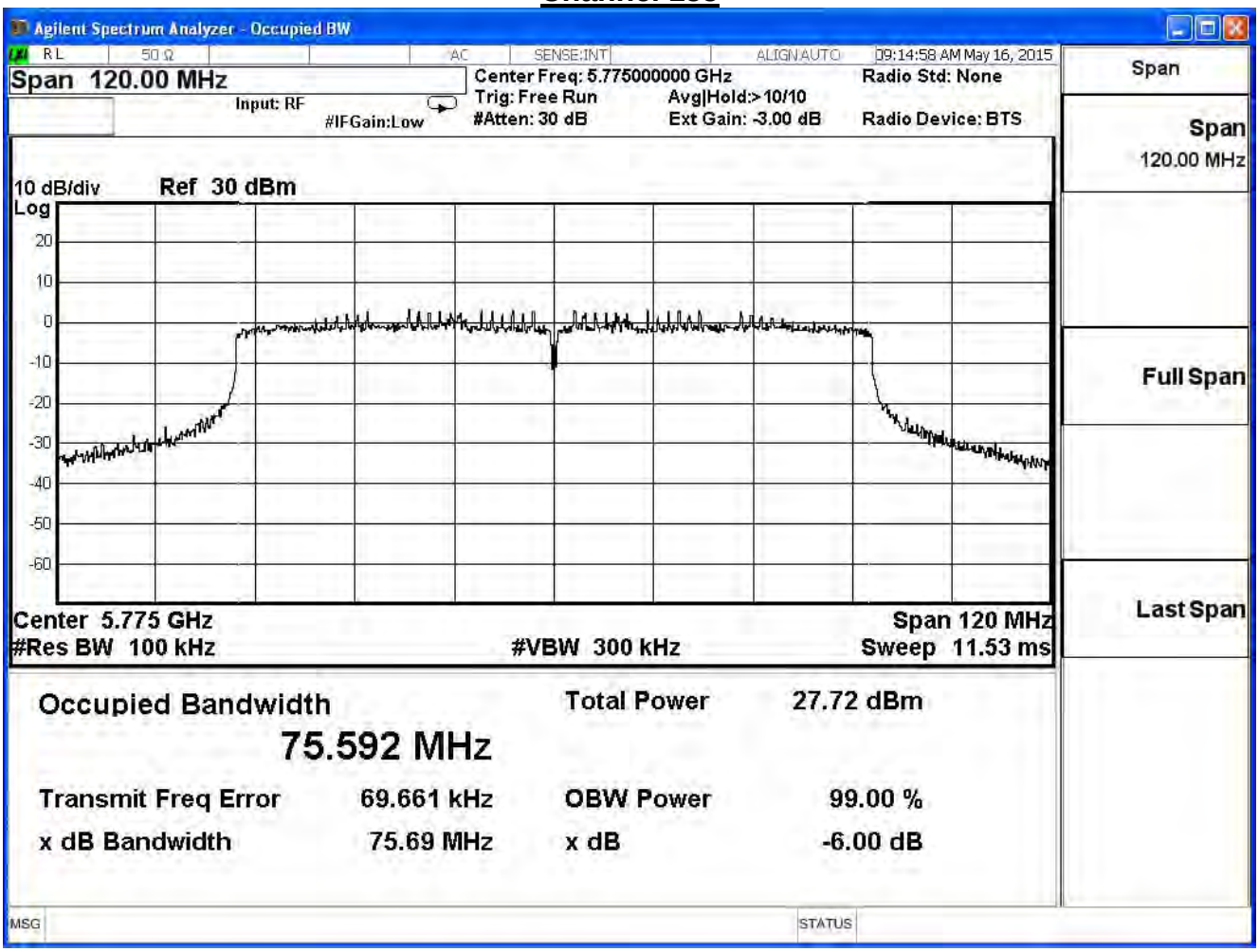
Channel 155



Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	DTS Bandwidth		
Test Mode	Mode 2: Tx- Vertical Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

IEEE 802.11ac (80MHz) (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
155	5775	75.69	≧0.5	Pass

Channel 155



8. Occupied Bandwidth

8.1. Test Equipment

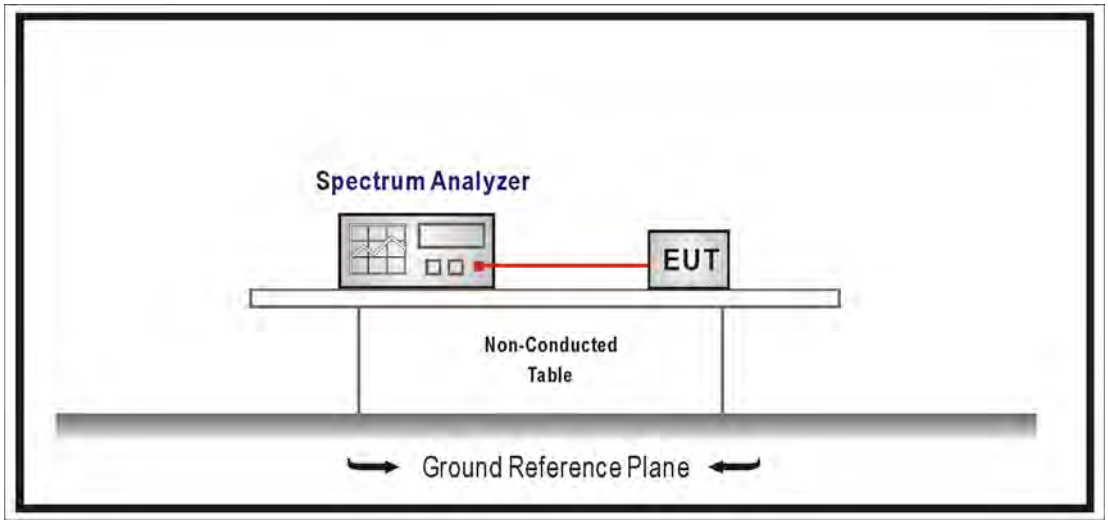
The following test equipments are used during the test:

Occupied Bandwidth / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2015/07/14

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

8.2. Test Setup



8.3. Test Procedures

The EUT was setup according to ANSI C63.10; tested according to DTS test procedure of KDB558074 v03r02 for compliance to FCC 47CFR 15.247 requirements.
Set RBW = 1-5% of the OBW, Set the VBW≧3xRBW, Sweep Time=Auto.

8.4. Limits

NA

8.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2014

8.6. Uncertainty

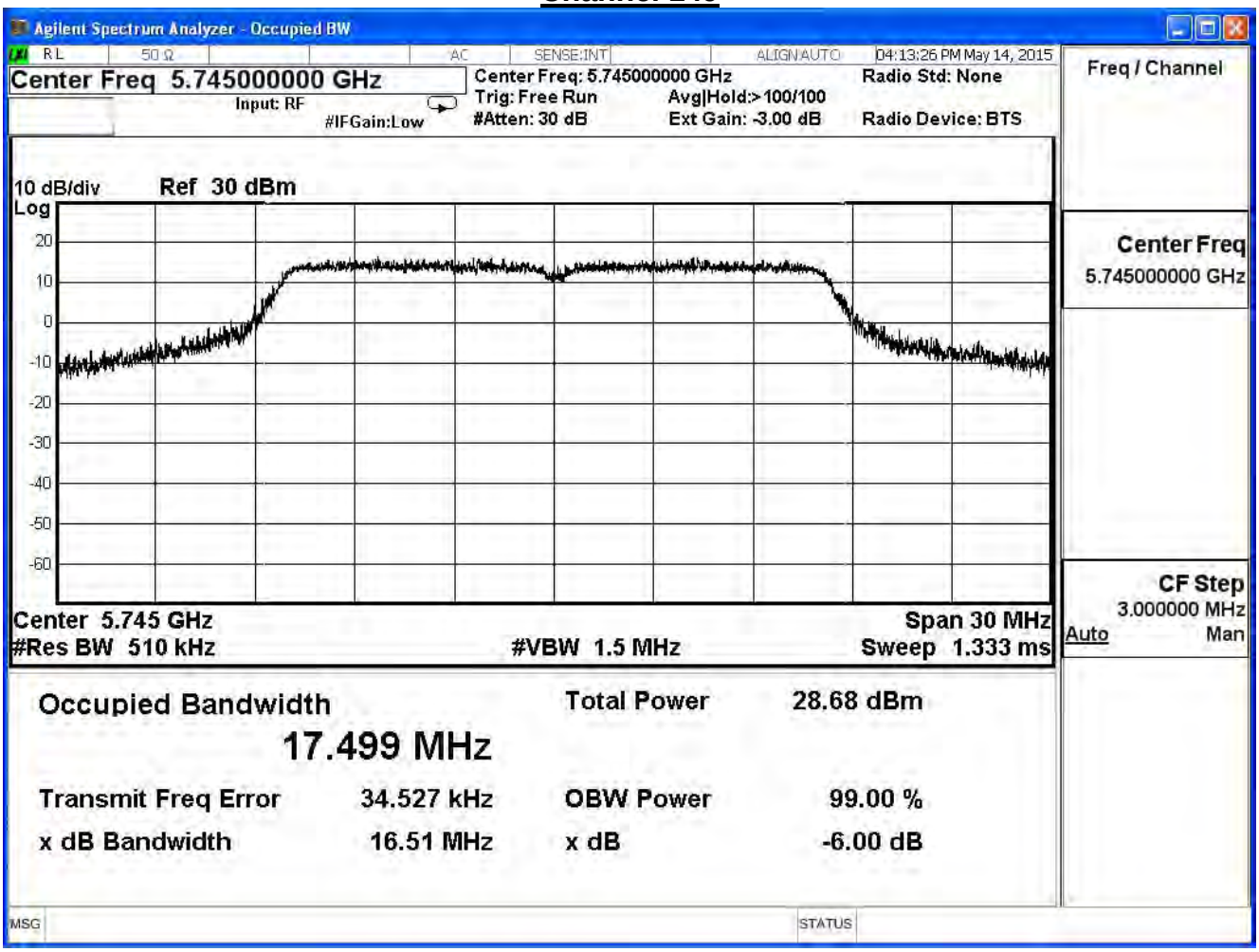
The measurement uncertainty is defined as ±150Hz

8.7. Test Result

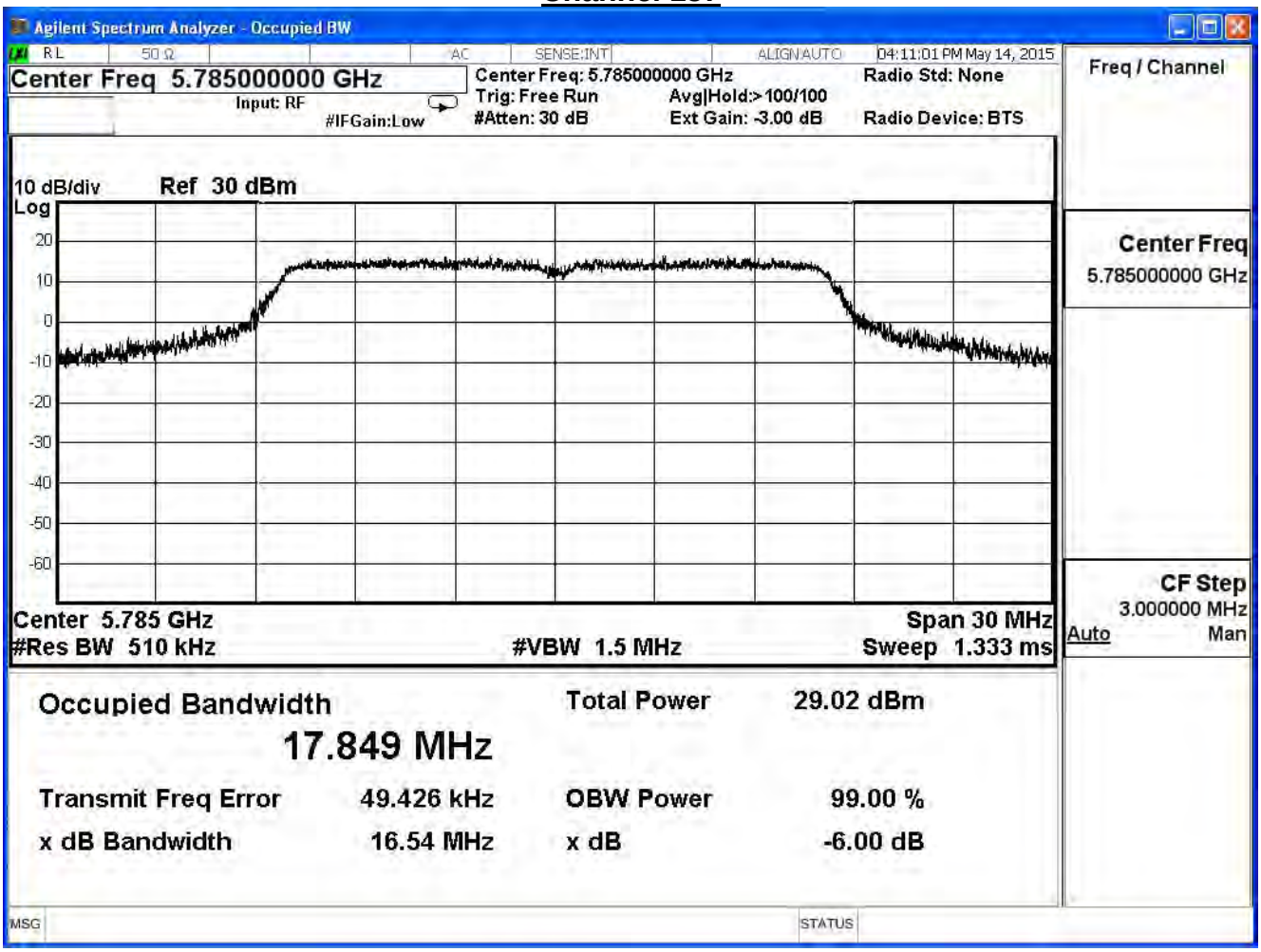
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

802.11 a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.499	--	Pass
157	5785	17.849	--	Pass
165	5825	17.767	--	Pass

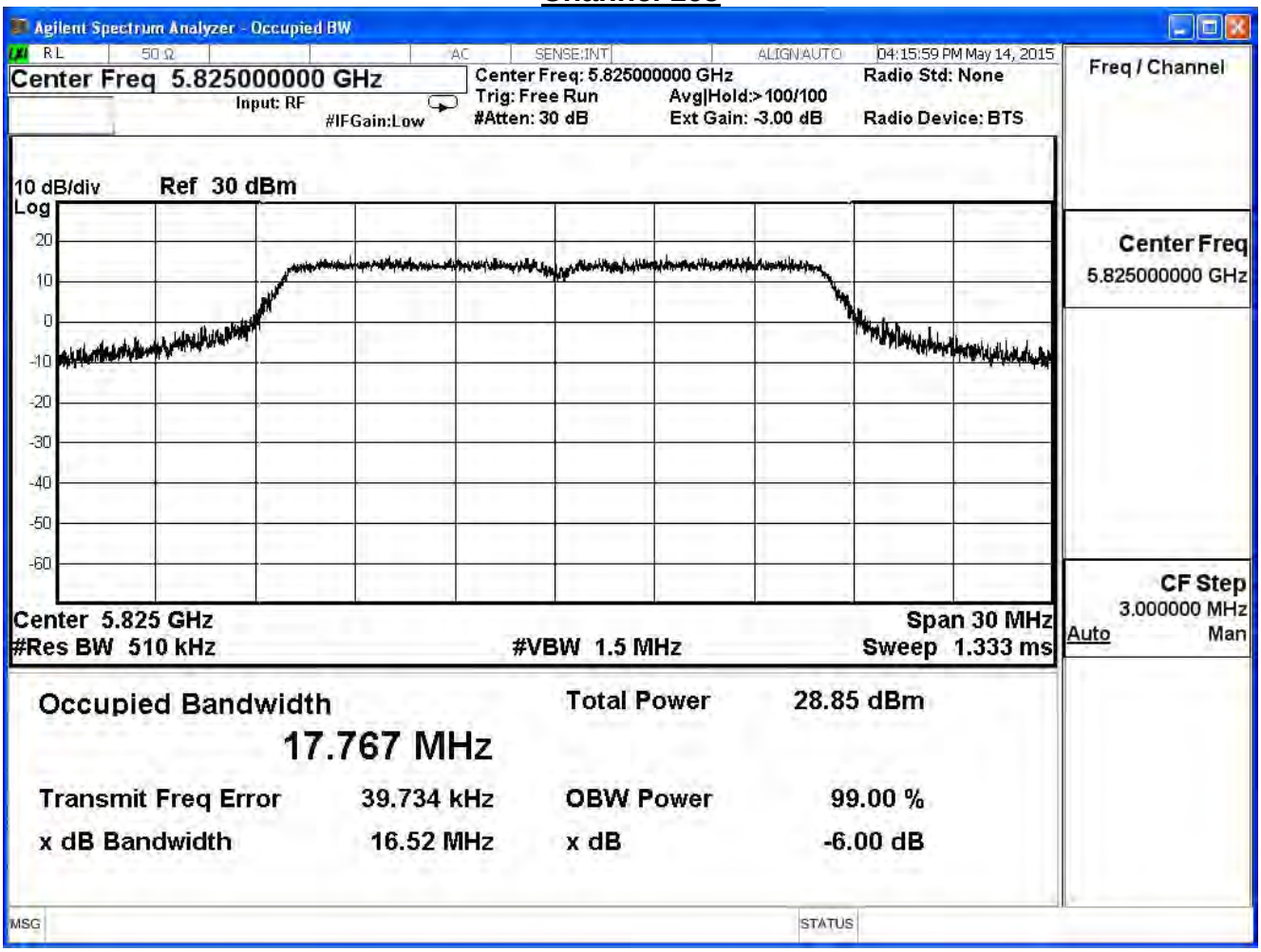
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:11:01 PM May 14, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
#Atten: 30 dB
Avg|Hold:>100/100
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 30 MHz
Sweep 1.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.849 MHz
Total Power
29.02 dBm
Transmit Freq Error
49.426 kHz
OBW Power
99.00 %
x dB Bandwidth
16.54 MHz
x dB
-6.00 dB
MSG
STATUS

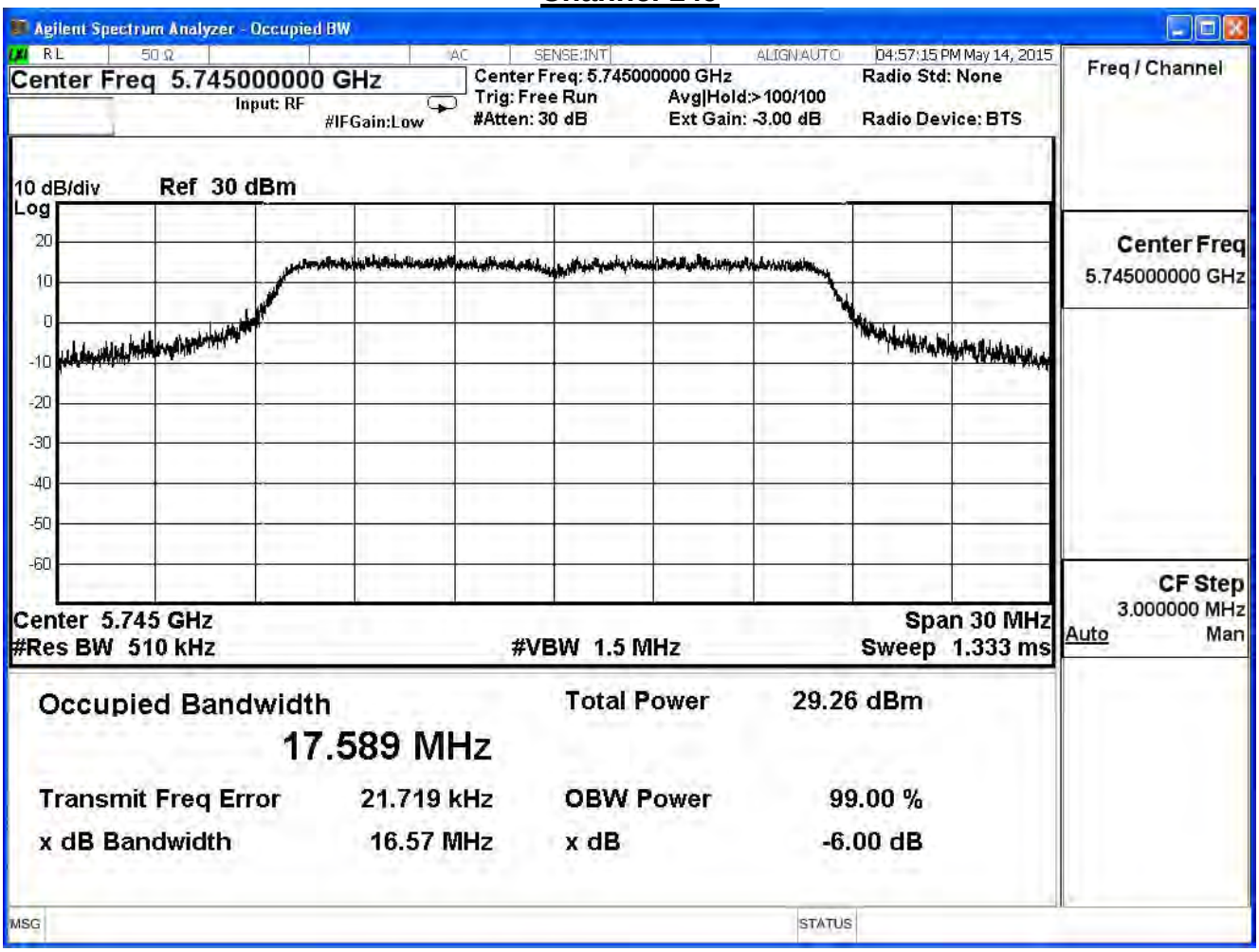
Channel 165


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:15:59 PM May 14, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 30 MHz
Sweep 1.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.767 MHz
Total Power
28.85 dBm
Transmit Freq Error
39.734 kHz
OBW Power
99.00 %
x dB Bandwidth
16.52 MHz
x dB
-6.00 dB
MSG
STATUS

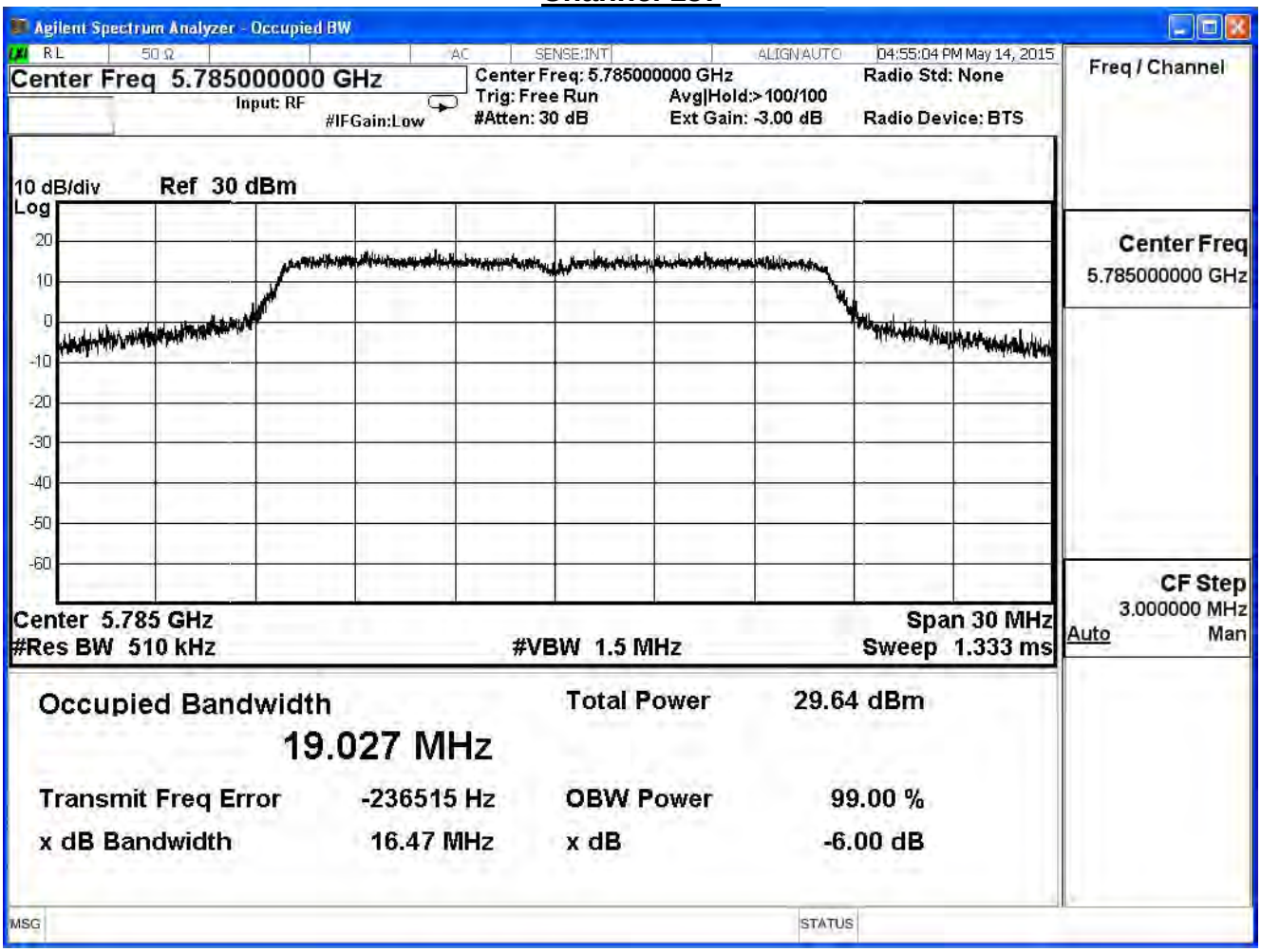
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

802.11 a (ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.589	--	Pass
157	5785	19.027	--	Pass
165	5825	18.907	--	Pass

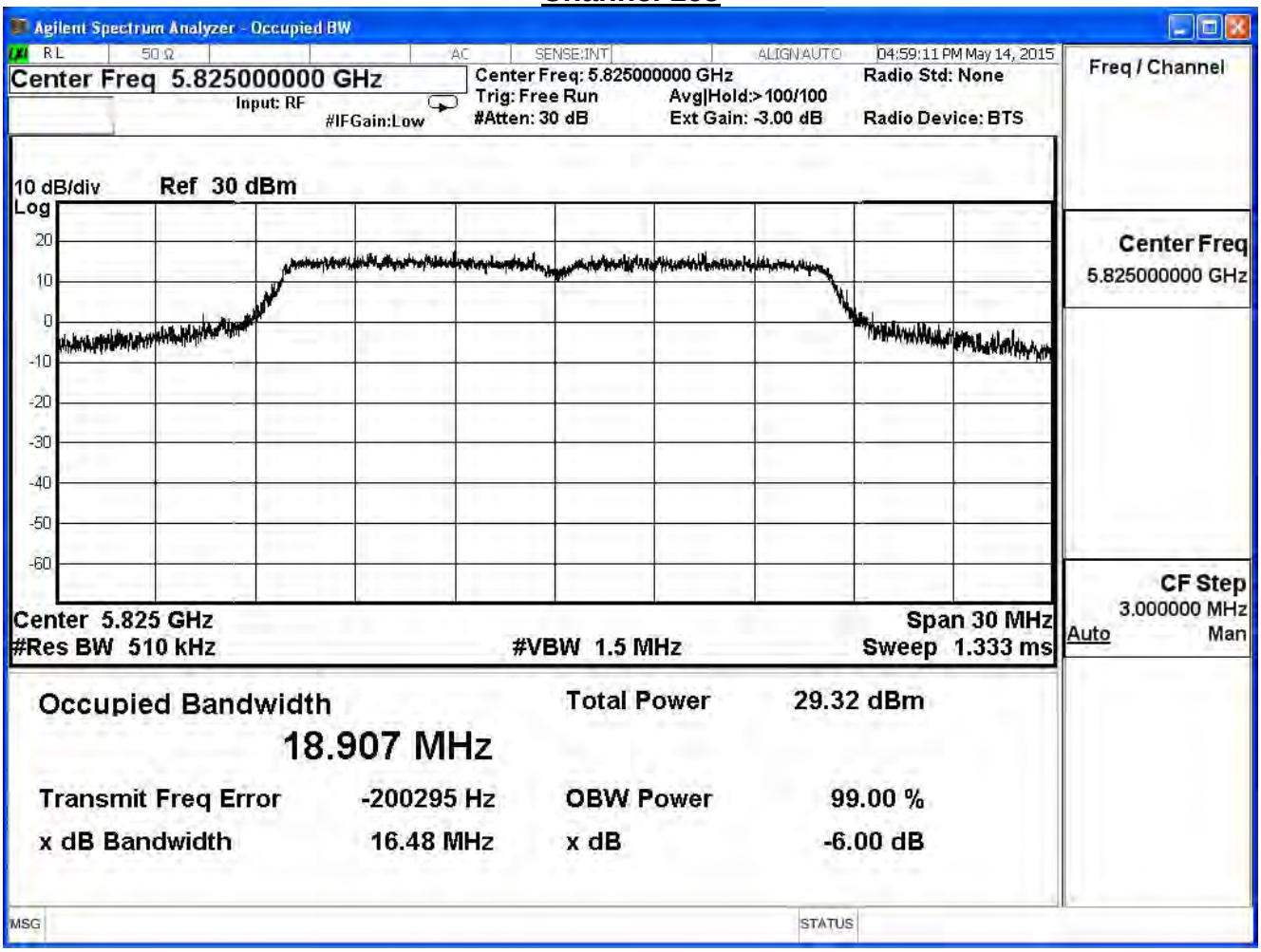
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:55:04 PM May 14, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
CF Step
3.000000 MHz
Auto
Man
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 30 MHz
Sweep 1.333 ms
Occupied Bandwidth
19.027 MHz
Total Power
29.64 dBm
Transmit Freq Error
-236515 Hz
OBW Power
99.00 %
x dB Bandwidth
16.47 MHz
x dB
-6.00 dB
MSG
STATUS

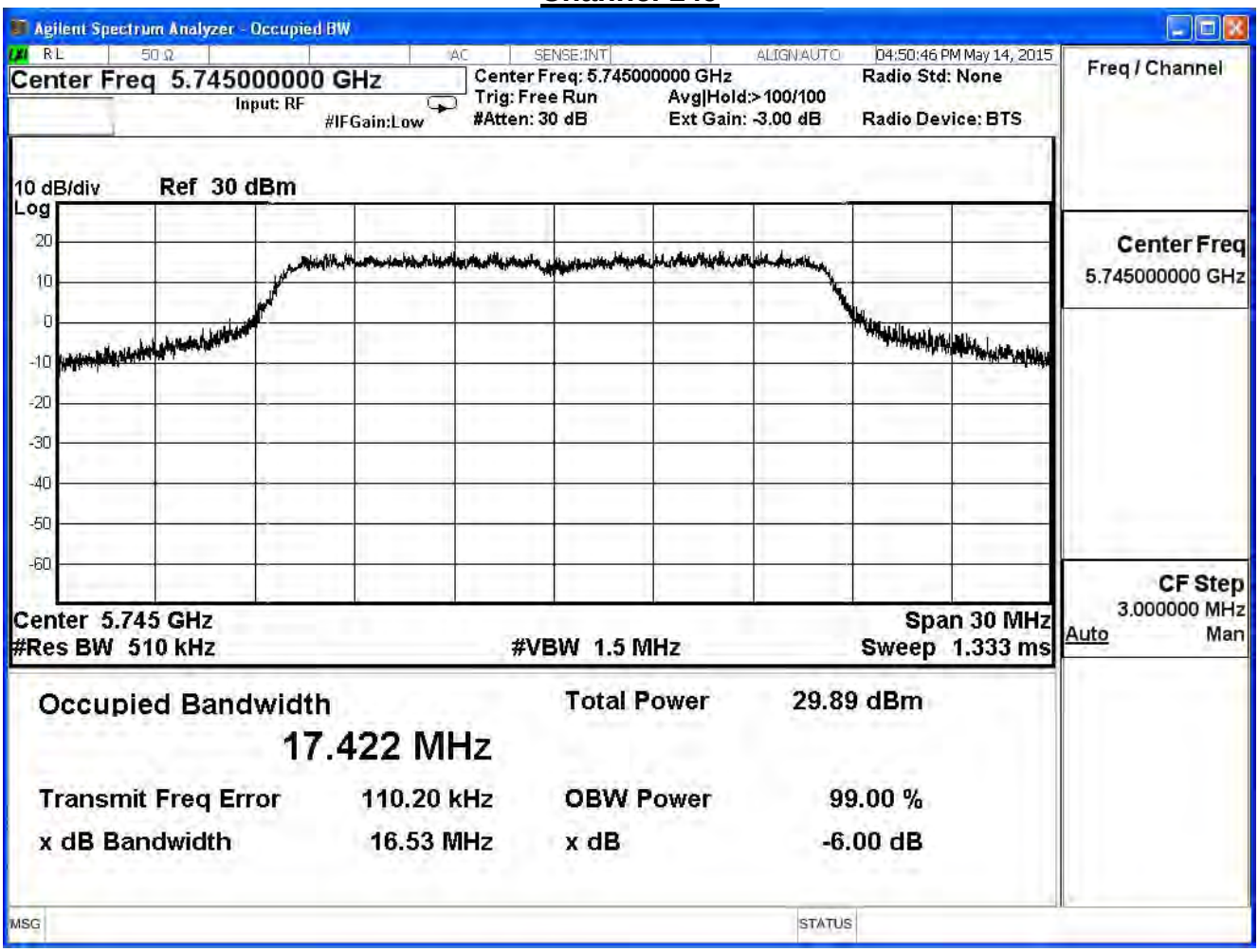
Channel 165


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:59:11 PM May 14, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 30 MHz
Sweep 1.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
18.907 MHz
Total Power
29.32 dBm
Transmit Freq Error
-200295 Hz
OBW Power
99.00 %
x dB Bandwidth
16.48 MHz
x dB
-6.00 dB
MSG
STATUS

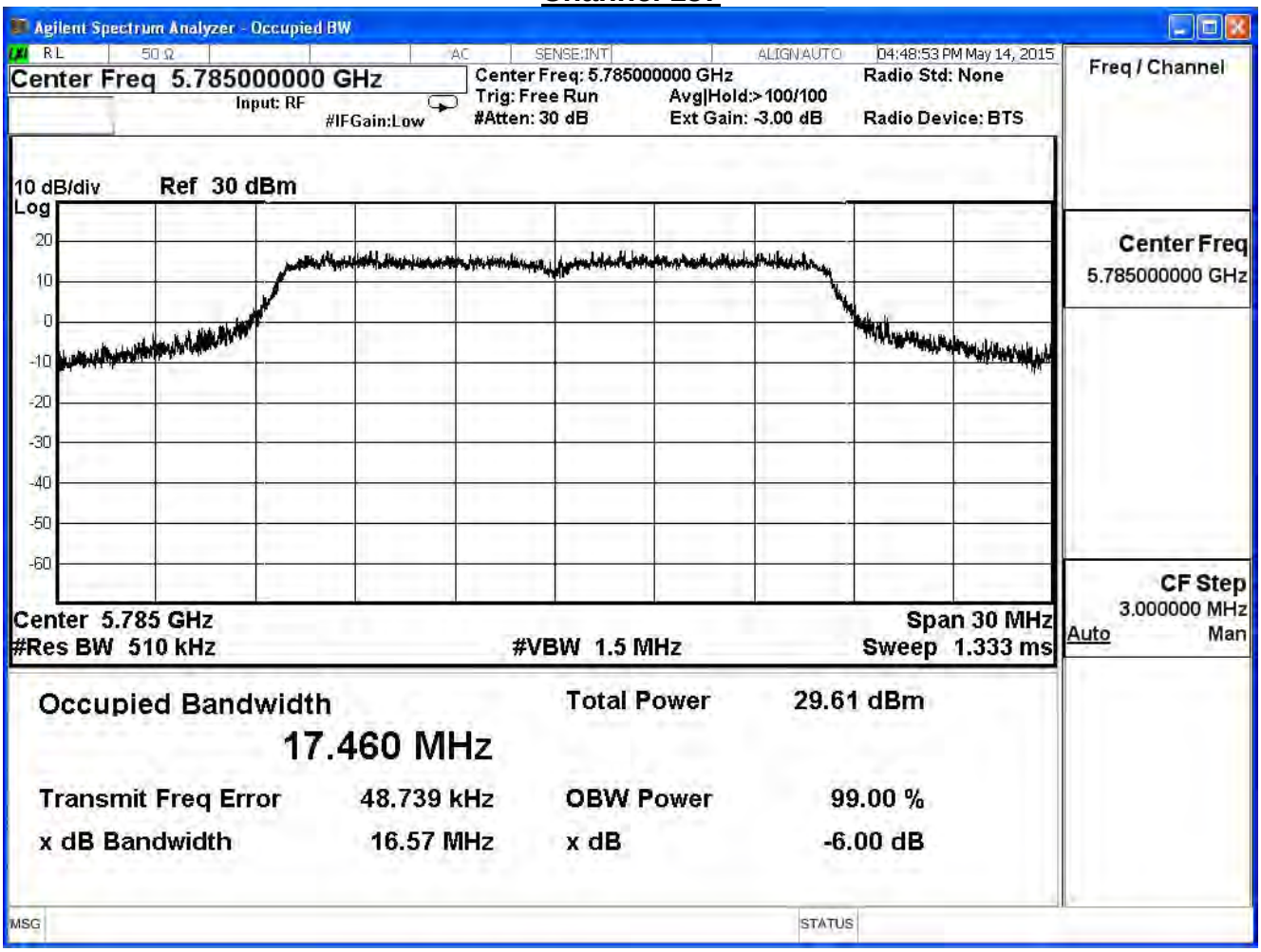
Product	ASUS SRT-AC1900 Wireless Smart Router		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Tx- Horizontal Antenna (AD891M21)		
Date of Test	2015/05/18	Test Site	SR7

802.11 a (ANT 2)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.422	--	Pass
157	5785	17.460	--	Pass
165	5825	17.485	--	Pass

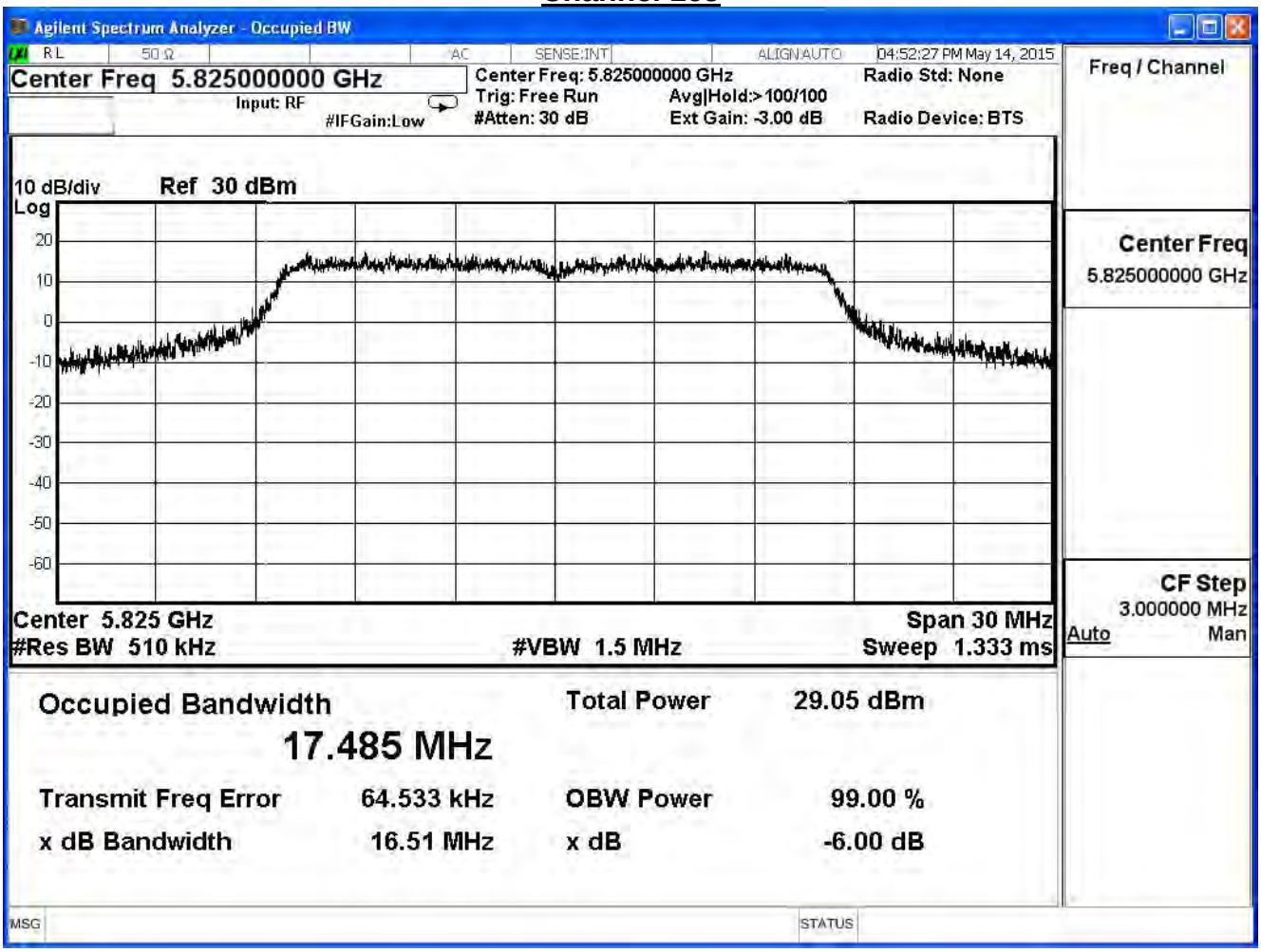
Channel 149



Channel 157


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:48:53 PM May 14, 2015
Center Freq 5.785000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.785000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.785000000 GHz
Center 5.785 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 30 MHz
Sweep 1.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.460 MHz
Total Power
29.61 dBm
Transmit Freq Error
48.739 kHz
OBW Power
99.00 %
x dB Bandwidth
16.57 MHz
x dB
-6.00 dB
MSG
STATUS

Channel 165


Agilent Spectrum Analyzer - Occupied BW
RL
50 Ω
AC
SENSE:INT
ALIGN AUTO
04:52:27 PM May 14, 2015
Center Freq 5.825000000 GHz
Input: RF
#IFGain:Low
Center Freq: 5.825000000 GHz
Trig: Free Run
Avg|Hold:>100/100
#Atten: 30 dB
Ext Gain: -3.00 dB
Radio Std: None
Radio Device: BTS
Freq / Channel
10 dB/div
Log
Ref 30 dBm
20
10
0
-10
-20
-30
-40
-50
-60
Center Freq
5.825000000 GHz
Center 5.825 GHz
#Res BW 510 kHz
#VBW 1.5 MHz
Span 30 MHz
Sweep 1.333 ms
CF Step
3.000000 MHz
Auto
Man
Occupied Bandwidth
17.485 MHz
Total Power
29.05 dBm
Transmit Freq Error
64.533 kHz
OBW Power
99.00 %
x dB Bandwidth
16.51 MHz
x dB
-6.00 dB
MSG
STATUS