FCC Test Report

Product Name ： Mesh WiFi AP

Model No. ： AP5621-N-TH

FCC ID. ： 2AF7R-AP5621NTH

Applicant ： Yang Hwa Technology Corp.

Address ： 31046 No.96, Gongye 2nd Rd., Zhudong Township, Hsinchu County 310, Taiwan (R.O.C.)

Date of Receipt ： Sep. 01, 2015

Issued Date ： Oct. 12, 2015

Report No. ： 1590141R-RFUSP45V00

Report Version ： V1.0

Test Report Certification

Issued Date : Oct. 12, 2015
Report No.: 1590141R-RFUSP45V00

Product Name	：	Mesh WiFi AP
Applicant	：	Yang Hwa Technology Corp.
Address	：	31046 No.96, Gongye 2nd Rd., Zhudong Township, Hsinchu County 310, Taiwan (R.O.C.)
Model No.	：	AP5621-N-TH
FCC ID.	：	2AF7R-AP5621NTH
EUT Voltage	：	AC 100-240V, 50-60Hz
Testing Voltage	：	AC 120V/60Hz
Applicable Standard	：	FCC CFR Title 47 Part 15 Subpart E Section 15.407: 2014 ANSI C63.10: 2013
Test Lab	：	QuieTek Hsin Chu Laboratory
Test Result	：	Complied

The test results relate only to the samples tested.
The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.

Documented By : Carol Tsai

(Carol Tsai / Senior Engineering Adm. Specialist)

Tested By : Ken Huang

(Ken Huang / Engineer)

Approved By : Roy Wang

(Roy Wang / Director)

Revision History

Report No.	Version	Description	Issued Date
1590141R-RFUSP45V00	Rev. 1.0	Initial issue of report	Oct. 12, 2015

Laboratory Information

We, **QuieTek Corporation**, are an independent RF consultancy that was established the whole facility in our laboratories. The test facility has been accredited/ accepted (audited or listed) by the following related bodies in compliance with ISO 17025 specified testing scopes:

Taiwan R.O.C.	**:**	**TAF, Accreditation Number: 3024**
USA	**:**	**FCC, Registration Number: 365520**
Canada	**:**	**IC, Submission No: 181665 / IC Registration Number: 4075C-4**

The related certificate for our laboratories about the test site and management system can be downloaded from QuieTek Corporation's Web Site:http://www.quietek.com/english/about/certificates.aspx?bval=5
The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site : http://www.quietek.com/index_en.aspx
If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

HsinChu Testing Laboratory:
No.75-2, 3rd Lin, Wangye Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan, R.O.C.
TEL:+886-3-592-8858 / FAX:+886-3-592-8859 E-Mail : service@quietek.com

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No.5-22, Ruishukeng, Linkou Dist., New Taipei City 24451, Taiwan, R.O.C.
TEL : 886-2-8601-3788 / FAX : 886-2-8601-3789 E-Mail : service@quietek.com

TABLE OF CONTENTS

1. General Information

1.1. EUT Description

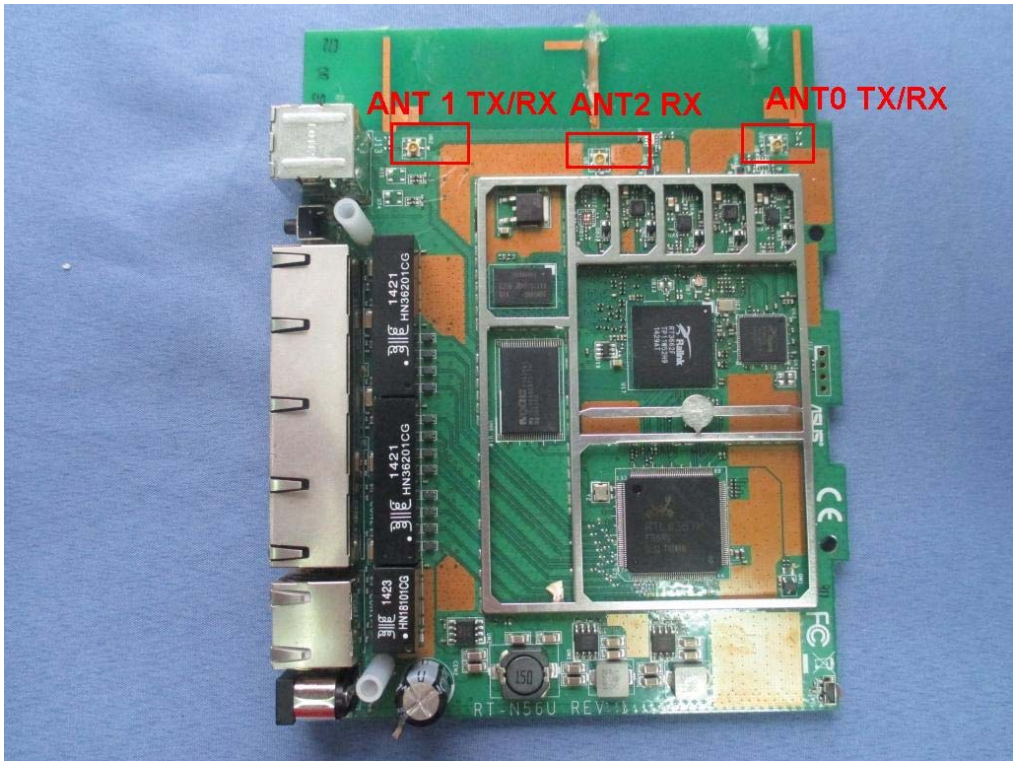
Product Name	Mesh WiFi AP	
Model No.	AP5621-N-TH	
Frequency Range/ Channel Number	IEEE 802.11a/ IEEE 802.11n	5180~5240MHz / 4 Channels 5745~5825MHz / 5 Channels
	IEEE 802.11n (40MHz)	5190~5230MHz / 2 Channels 5755~5795MHz / 2 Channels
Type of Modulation	IEEE 802.11a/n	Orthogonal Frequency Division Multiplexing
Data Speed	IEEE 802.11a	6Mbps,9Mbps,12Mbps,18Mbps,24Mbps,36Mbps,48Mbps,54Mbps
	IEEE 802.11n	Support a subset of the combination of GI, MCS 0~MCS 15 and bandwidth defined in 802.11n

Antenna Information	
Antenna Type	Omni Antenna
Antenna Gain	2.4GHz Ant 0: 4.00dBi Ant 1: 4.00dBi 5GHz Ant 0: 6.00dBi Ant 1: 6.00dBi

ANT-TX / RX & Bandwidth

ANT-TX / RX	TX		RX	
Mode/ Channel Bandwidth	20MHz	40MHz	20MHz	40MHz
IEEE802.11a	✓		✓	
IEEE802.11n	✓	✓	✓	✓

2.4GHz WLAN(2TX, 3RX), 5GHz WLAN(2TX, 3RX)



IEEE 802.11n

MCS Index	Modulation	R	N_{BPSCS}	N_{CBPS}		N_{DBPS}		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI	
								20MHz	40MHz	20MHz	40MHz
0	BPSK	1/2	1	52	108	26	54	6.5	13.5	7.2	15.0
1	QPSK	1/2	2	104	216	52	108	13.0	27.0	14.4	30.0
2	QPSK	3/4	2	104	216	78	162	19.5	40.5	21.7	45.0
3	16-QAM	1/2	4	208	432	104	216	26.0	54.0	28.9	60.0
4	16-QAM	3/4	4	208	432	156	324	39.0	81.0	43.3	90.0
5	64-QAM	2/3	6	312	648	208	432	52.0	108.0	57.8	120.0
6	64-QAM	3/4	6	312	648	234	486	58.5	121.5	65.0	135.0
7	64-QAM	5/6	6	312	648	260	540	65.0	135.0	72.2	150.0
Note 1: Support of 400ns GI is optional on transmit and receive.											

Table 1 – MCS parameters for TX Antenna number = 1

MCS Index	Modulation	R	N_{BPSCS}	N_{CBPS}		N_{DBPS}		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI	
								20MHz	40MHz	20MHz	40MHz
8	BPSK	1/2	1	104	216	52	108	13.0	27.0	14.4	30.0
9	QPSK	1/2	2	208	432	104	216	26.0	54.0	28.9	60.0
10	QPSK	3/4	2	208	432	156	324	39.0	81.0	43.3	90.0
11	16-QAM	1/2	4	416	864	208	432	52.0	108.0	57.8	120.0
12	16-QAM	3/4	4	416	864	312	648	78.0	162.0	86.7	180.0
13	64-QAM	2/3	6	624	1296	416	864	104.0	216.0	115.6	240.0
14	64-QAM	3/4	6	624	1296	468	972	117.0	243.0	130.0	270.0
15	64-QAM	5/6	6	624	1296	520	1080	130.0	270.0	144.4	300.0
Note 1: Support of 400ns GI is optional on transmit and receive.											

Table 2 – MCS parameters for TX Antenna number = 2

Symbol	Explanation
R	Code rate
N_{BPSC}	Number of coded bits per single carrier
N_{CBPS}	Number of coded bits per symbol
N_{DBPS}	Number of data bits per symbol
GI	guard interval

IEEE 802.11a & IEEE 802.11n (20MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz	48	5240 MHz
149	5745 MHz	153	5765 MHz	157	5785 MHz	161	5805 MHz
165	5825 MHz						

IEEE 802.11n (40MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	151	5755 MHz	159	5795 MHz

Note:

1. This device is a Mesh WiFi AP, which including 2.4GHz b/g/n(2x3) and 5GHz a/n/ac (2x3) Transmitting and receiving function.
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with Part 15 Subpart E Paragraph 15.407.
3. Regards to the frequency band operation; the lowest、middle and highest frequency of channel were selected to perform the test, and then shown on this report.
4. The function of the 2.4GHz transmitting is measured and makes a test report of the report number: 1590141R-RFUSP38V00.
5. This device has USB and Ethernet ports, which can be connected to computer. It is a Class B personal computer and peripheral. Its test report number is 1590141R-RFUSP01V00.

1.2. Test Mode

QuieTek has verified the construction and function in typical operation. The preliminary tests were performed in different data rate, and to find the worst condition, which was shown in this test report. The following table is the final test mode.

TX	Mode 1: Transmit Mode

Test Items	Modulation	Channel	Antenna	Result
Conducted Emission	11n (40MHz)	46/159	0+1	Complies
99 % & 26dB Bandwidth	11a	36/44/48 149/157/165	0	Complies
	11n (20MHz)	36/44/48 149/157/165	0/1	Complies
	11n (40MHz)	38/46 151/159	0/1	Complies
Peak Transmit Output	11a	36/44/48 149/157/165	0	Complies
	11n (20MHz)	36/44/48 149/157/165	0+1	Complies
	11n (40MHz)	38/46 151/159	0+1	Complies
Peak Power Spectrum Density	11a	36/44/48 149/157/165	0	Complies
	11n (20MHz)	36/44/48 149/157/165	0+1	Complies
	11n (40MHz)	38/46 151/159	0+1	Complies
Radiated Emission	11a	36/44/48 149/157/165	0	Complies
	11n (20MHz)	36/44/48 149/157/165	0+1	Complies
	11n (40MHz)	38/46 151/159	0+1	Complies

Test Items	Modulation	Channel	Antenna	Result
Band Edge	11a	36/44/48 149/157/165	0	Complies
	11n (20MHz)	36/44/48 149/157/165	0+1	Complies
	11n (40MHz)	38/46 151/159	0+1	Complies
Frequency Stability	11a	36/44/48 149/157/165	0	Complies
	11n (20MHz)	36/44/48 149/157/165	0/1	Complies
	11n (40MHz)	38/46 151/159	0/1	Complies

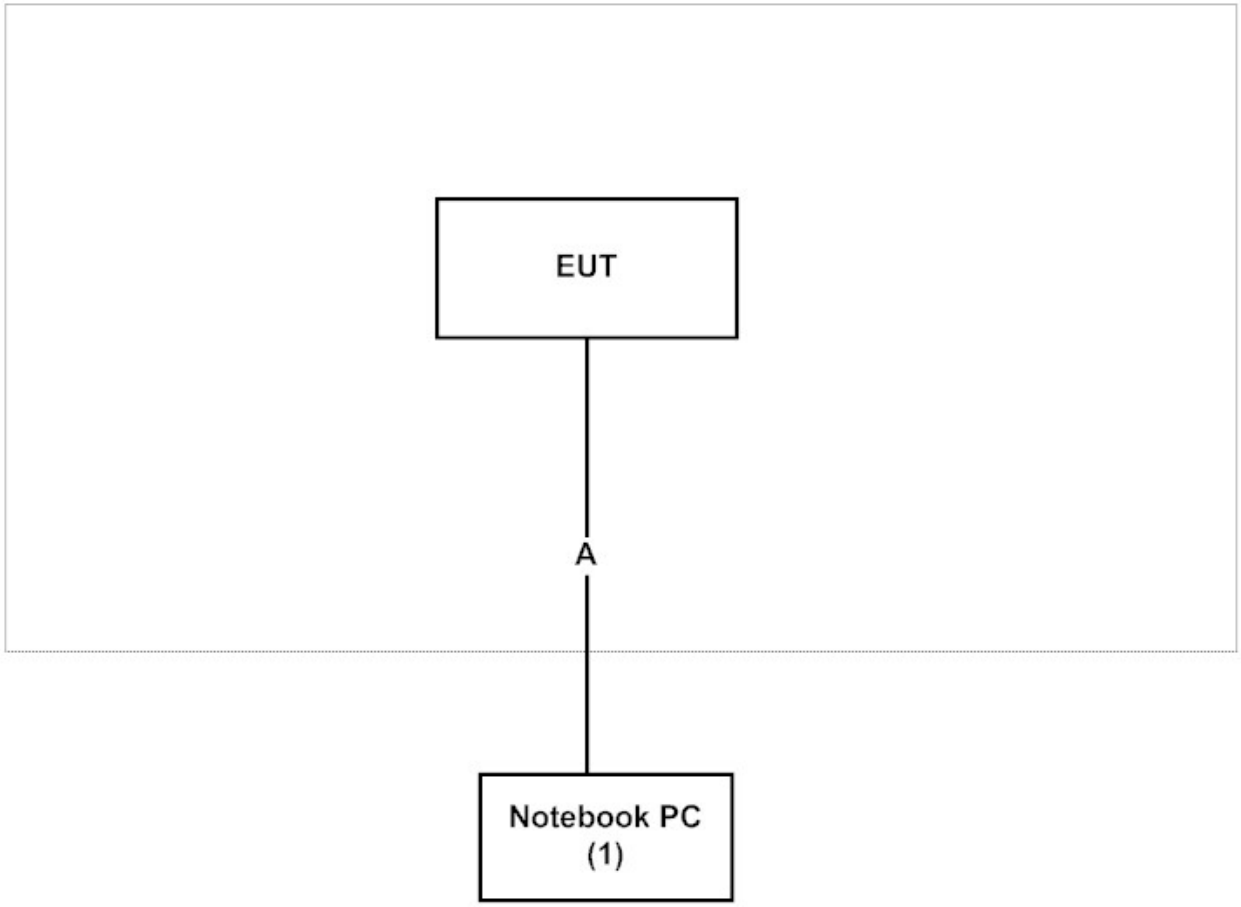
1.3. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	Notebook PC	ASUS	X522EP	E5N0CV043264197	DoC	Non-Shielded, 1.8m, one ferrite core bonded

1.4. Configuration of tested System

Connection Diagram



Signal Cable Type		Signal cable Description
A	LAN Cable	Non-Shielded, 3.0m

1.5. EUT Exercise Software

1	Setup the EUT as shown in Section 1.4.
2	Execute the telnet command on the EUT.
3	Configure the test mode, the test channel, and the data rate.
4	Press “Start TX” to start the continuous transmitting.
5	Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC PART 15 E 15.407 Conducted Emission	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 E 15.407 99 % & 26dB Bandwidth	15 - 35	25
Humidity (%RH)		25 - 75	45
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 E 15.407 Peak Transmit Power	15 - 35	25
Humidity (%RH)		25 - 75	45
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 E 15.407 Peak Power Spectrum Density	15 - 35	25
Humidity (%RH)		25 - 75	45
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 E 15.407 Radiated Emission	15 - 35	25
Humidity (%RH)		25 - 75	48
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 E 15.407 Band Edge	15 - 35	25
Humidity (%RH)		25 - 75	48
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 E 15.407 Frequency Stability	15 - 35	25
Humidity (%RH)		25 - 75	45
Barometric pressure (mbar)		860 - 1060	950-1000

2. Conducted Emission

2.1. Test Equipment

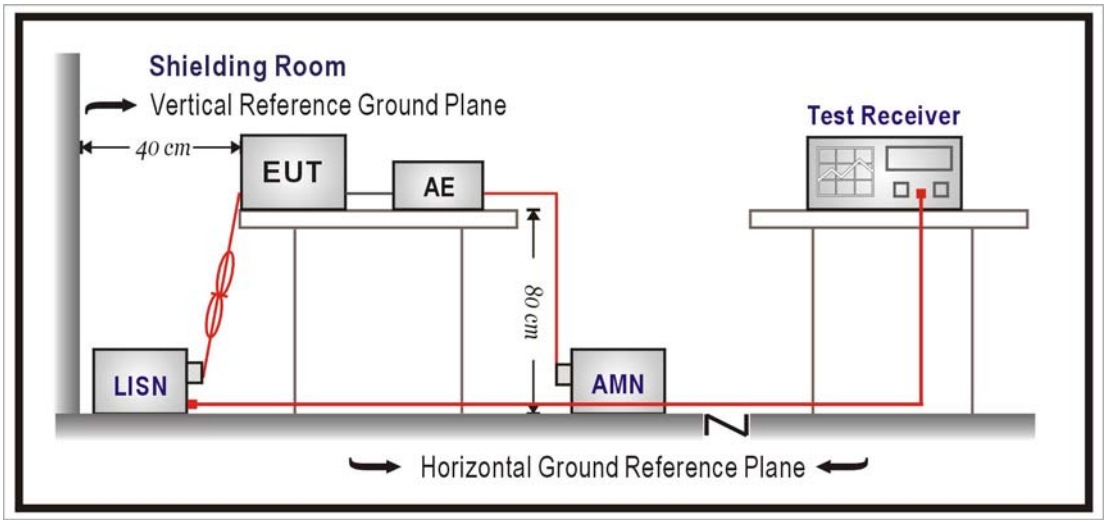
The following test equipments are used during the test:

Conducted Emission / SR3

Instrument	Manufacturer	Model No.	Serial No.	Next Cal. Date
LISN	R&S	ENV216	100096	2016/07/27
LISN	R&S	ESH3-Z5	836679/022	2015/12/15
Test Receiver	R&S	ESCS 30	825442/017	2016/01/14

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

2.2. Test Setup



2.3. Limits

FCC Part 15 Subpart C Paragraph 15.207 Limits (dBuV)		
Frequency MHz	QP	AV
0.15 - 0.50	66-56	56-46
0.50 - 5.0	56	46
5.0 - 30	60	50

Remarks: In the above table, the tighter limit applies at the band edges.

2.4. Test Procedure

The EUT was setup according to ANSI C63.10:2013. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)

Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

2.5. Test Specification

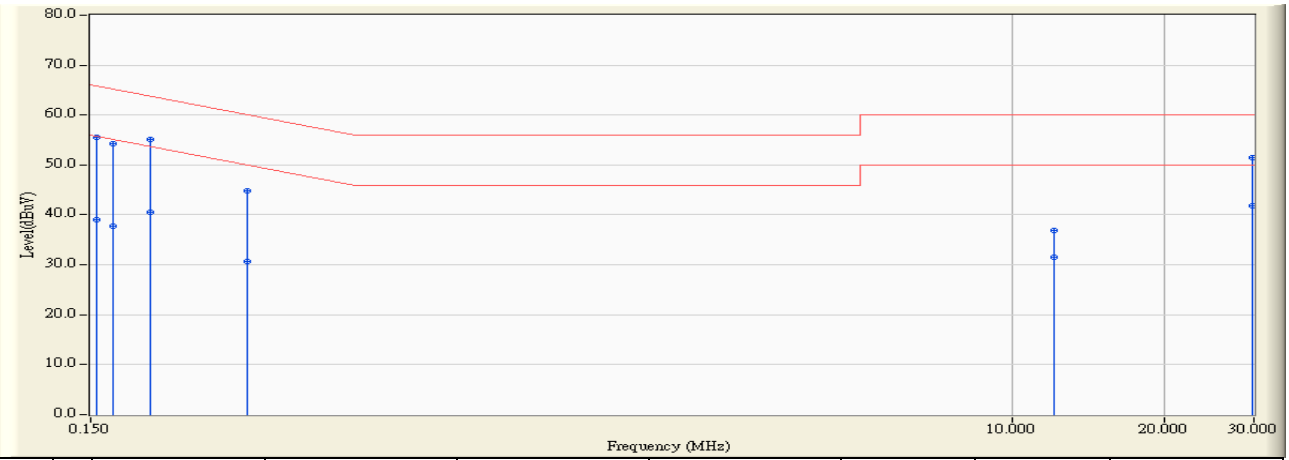
According to FCC Part 15 Subpart C Paragraph 15.207: 2014

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR3	**Time : 2015/10/06 - 09:33**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A)-5_0728 - Line1	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5230MHz**

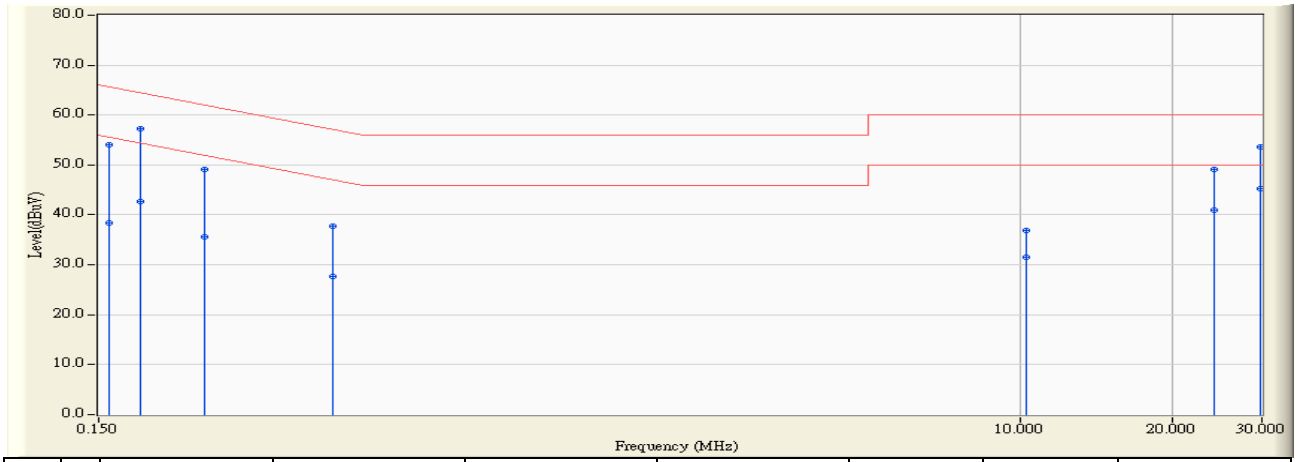


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	9.750	45.700	55.450	-10.336	65.786	QUASIPEAK
2		0.154	9.750	29.310	39.060	-16.726	55.786	AVERAGE
3		0.166	9.749	44.560	54.309	-10.868	65.177	QUASIPEAK
4		0.166	9.749	28.050	37.799	-17.378	55.177	AVERAGE
5		0.197	9.749	45.340	55.088	-8.653	63.741	QUASIPEAK
6		0.197	9.749	30.830	40.578	-13.163	53.741	AVERAGE
7		0.306	9.762	34.960	44.722	-15.349	60.072	QUASIPEAK
8		0.306	9.762	20.950	30.712	-19.359	50.072	AVERAGE
9		12.084	10.153	26.740	36.893	-23.107	60.000	QUASIPEAK
10		12.084	10.153	21.390	31.543	-18.457	50.000	AVERAGE
11		29.791	10.361	41.060	51.420	-8.580	60.000	QUASIPEAK
12	*	29.791	10.361	31.530	41.890	-8.110	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR3	**Time : 2015/10/06 - 09:36**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A)-5_0728 - Line2	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5230MHz**

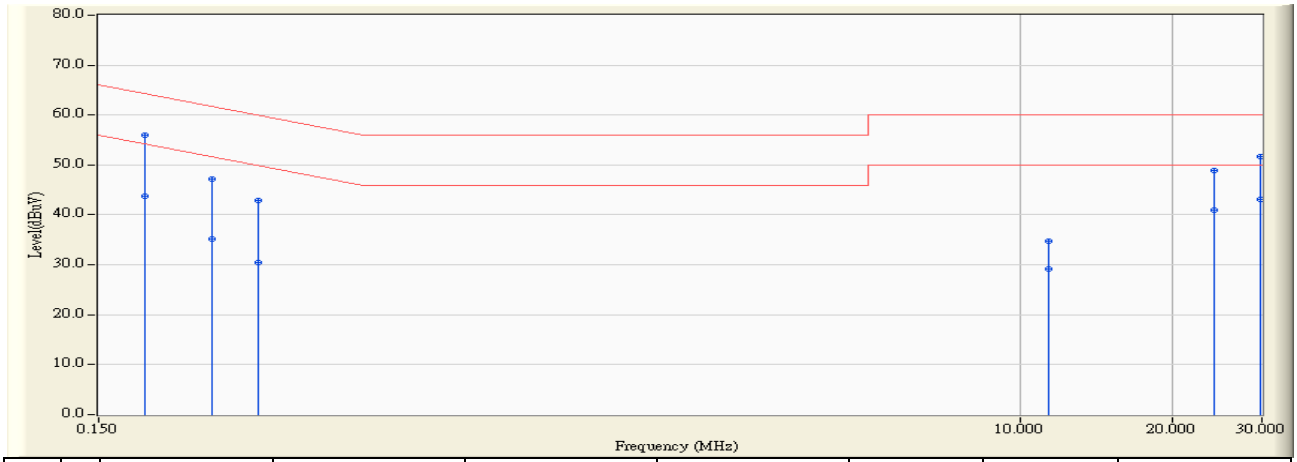


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	9.745	44.300	54.046	-11.533	65.578	QUASIPEAK
2		0.158	9.745	28.650	38.396	-17.183	55.578	AVERAGE
3		0.181	9.746	47.460	57.206	-7.222	64.428	QUASIPEAK
4		0.181	9.746	32.930	42.676	-11.752	54.428	AVERAGE
5		0.244	9.751	39.420	49.171	-12.796	61.967	QUASIPEAK
6		0.244	9.751	25.810	35.561	-16.406	51.967	AVERAGE
7		0.435	9.772	28.060	37.831	-19.323	57.154	QUASIPEAK
8		0.435	9.772	17.970	27.741	-19.413	47.154	AVERAGE
9		10.228	10.156	26.720	36.876	-23.124	60.000	QUASIPEAK
10		10.228	10.156	21.450	31.606	-18.394	50.000	AVERAGE
11		24.197	10.549	38.600	49.149	-10.851	60.000	QUASIPEAK
12		24.197	10.549	30.490	41.039	-8.961	50.000	AVERAGE
13		29.779	10.656	43.040	53.696	-6.304	60.000	QUASIPEAK
14	*	29.779	10.656	34.510	45.166	-4.834	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR3	**Time : 2015/10/06 - 09:54**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A)-5_0728 - Line1	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5795MHz**

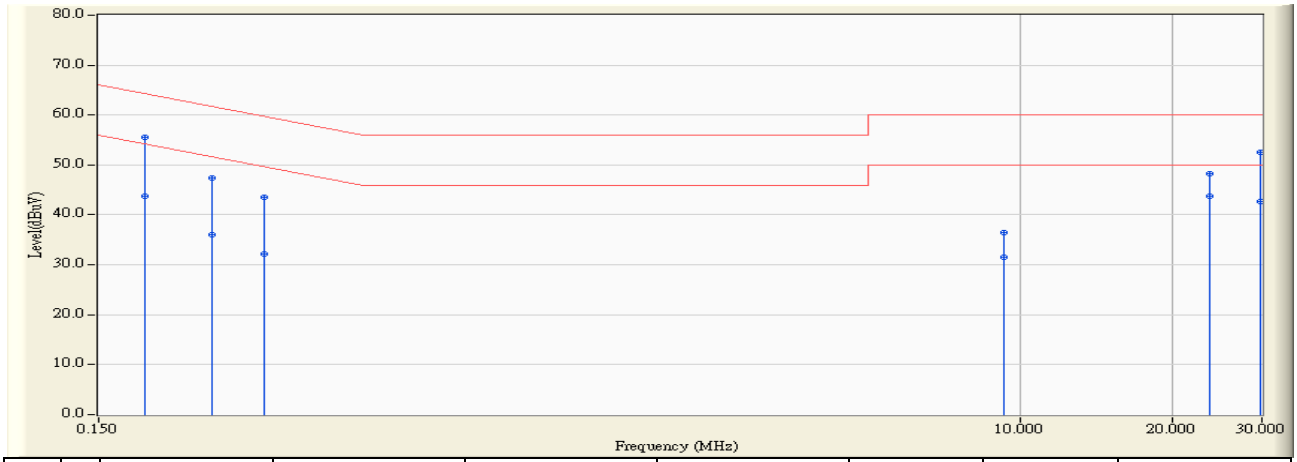


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.185	9.748	46.220	55.968	-8.283	64.251	QUASIPEAK
2		0.185	9.748	33.960	43.708	-10.543	54.251	AVERAGE
3		0.252	9.754	37.420	47.174	-14.531	61.705	QUASIPEAK
4		0.252	9.754	25.360	35.114	-16.591	51.705	AVERAGE
5		0.310	9.763	33.060	42.823	-17.144	59.966	QUASIPEAK
6		0.310	9.763	20.630	30.393	-19.574	49.966	AVERAGE
7		11.369	10.142	24.580	34.722	-25.278	60.000	QUASIPEAK
8		11.369	10.142	18.950	29.092	-20.908	50.000	AVERAGE
9		24.193	10.354	38.540	48.894	-11.106	60.000	QUASIPEAK
10		24.193	10.354	30.580	40.934	-9.066	50.000	AVERAGE
11		29.775	10.361	41.300	51.660	-8.340	60.000	QUASIPEAK
12	*	29.775	10.361	32.670	43.030	-6.970	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR3	**Time : 2015/10/06 - 10:03**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A)-5_0728 - Line2	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5795MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.185	9.747	45.820	55.566	-8.685	64.251	QUASIPEAK
2		0.185	9.747	33.900	43.646	-10.605	54.251	AVERAGE
3		0.252	9.752	37.720	47.472	-14.234	61.705	QUASIPEAK
4		0.252	9.752	26.380	36.132	-15.574	51.705	AVERAGE
5		0.318	9.758	33.700	43.458	-16.302	59.760	QUASIPEAK
6		0.318	9.758	22.470	32.228	-17.532	49.760	AVERAGE
7		9.295	10.120	26.400	36.519	-23.481	60.000	QUASIPEAK
8		9.295	10.120	21.330	31.449	-18.551	50.000	AVERAGE
9		23.697	10.536	37.780	48.316	-11.684	60.000	QUASIPEAK
10	*	23.697	10.536	33.120	43.656	-6.344	50.000	AVERAGE
11		29.779	10.656	41.900	52.556	-7.444	60.000	QUASIPEAK
12		29.779	10.656	31.980	42.636	-7.364	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

3. 99% & 26dB & DTS Bandwidth

3.1. Test Equipment

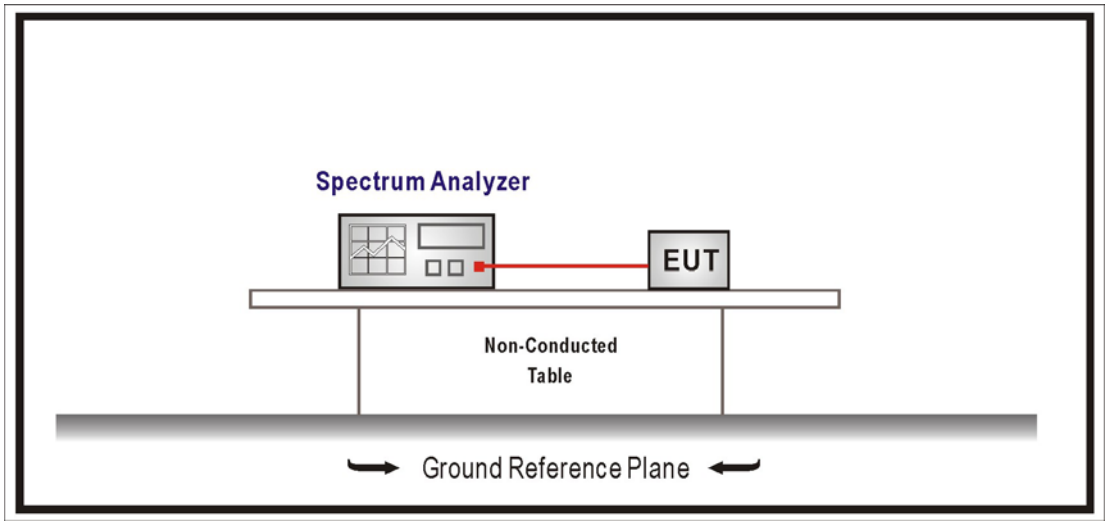
The following test equipments are used during the radiated emission tests:

99% & 26dB & DTS Bandwidth / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2016/07/13

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

3.2. Test Setup



3.3. Limits

99% & 26dB Bandwidth : No Required

DTS Bandwidth : ≧500KHz

3.4. Test Procedure

99% & 26dB Bandwidth :

The EUT was tested according to U-NII test procedure of KDB 789033 and KDB 644545.

Set RBW 1% of the emission bandwidth, VBW equal to 3 times the RBW.

DTS Bandwidth :

Set RBW = 100KHz, VBW≧3xRBW, Sweep time=Auto, Set Peak detector.

3.5. Uncertainty

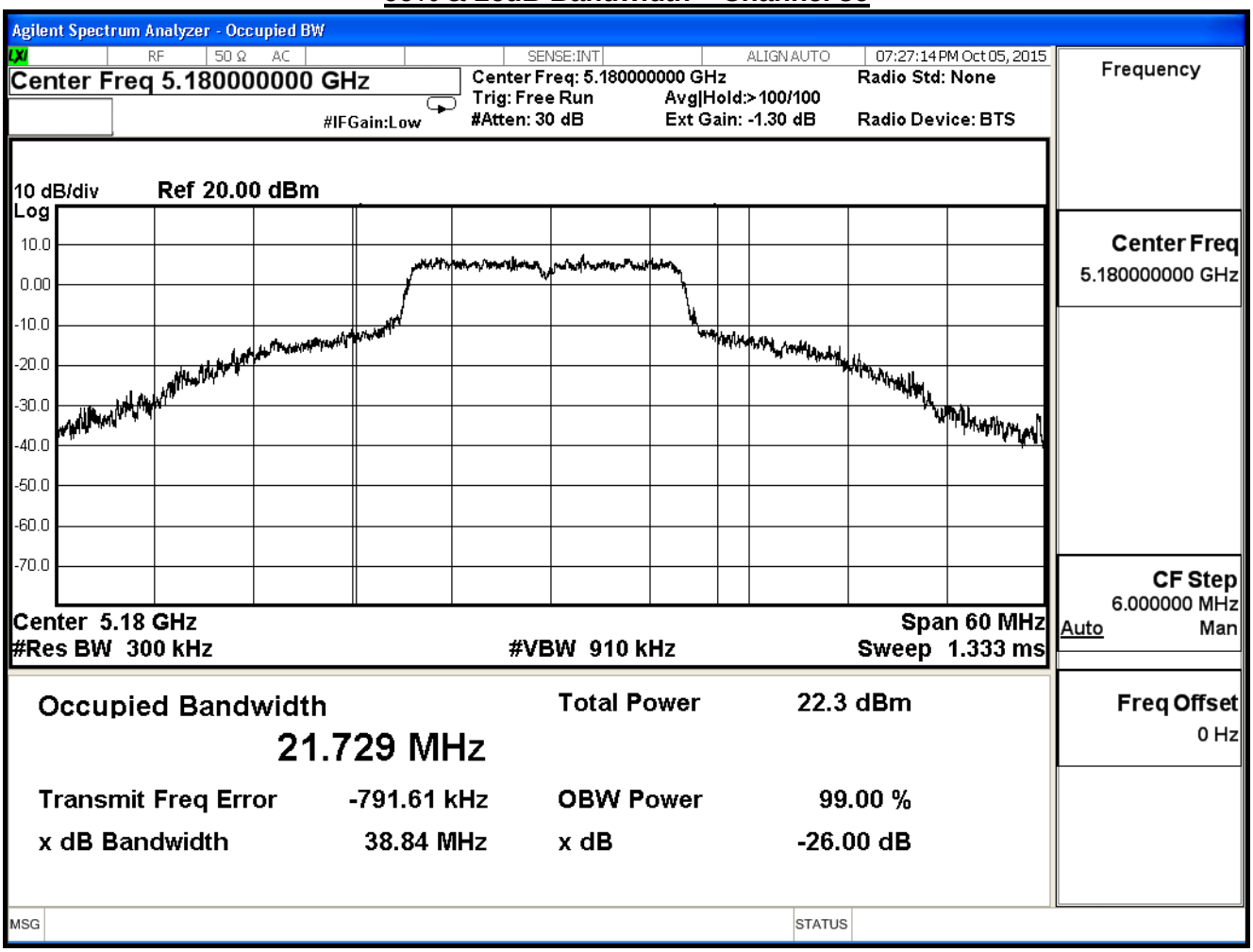
The measurement uncertainty is defined as ±150Hz

3.6. Test Result

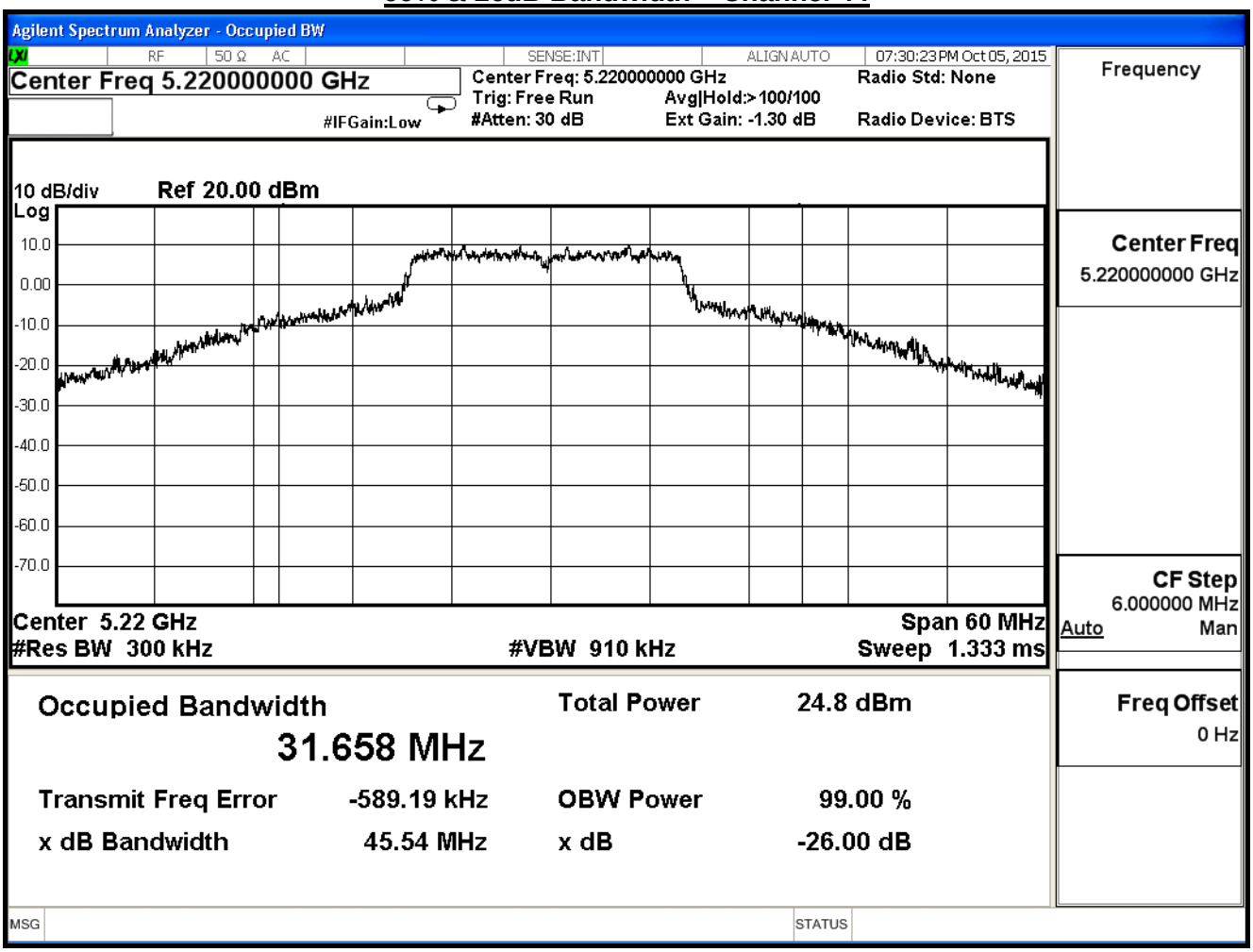
Product	Mesh WiFi AP		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11a (ANT 0)					
Channel No.	Frequency (MHz)	26dB Bandwidth	99% Bandwidth	Limit (MHz)	Result
		Measure Level (MHz)			
36	5180	38.840	21.729	--	Pass
44	5220	45.540	31.658	--	Pass
48	5240	45.470	31.691	--	Pass

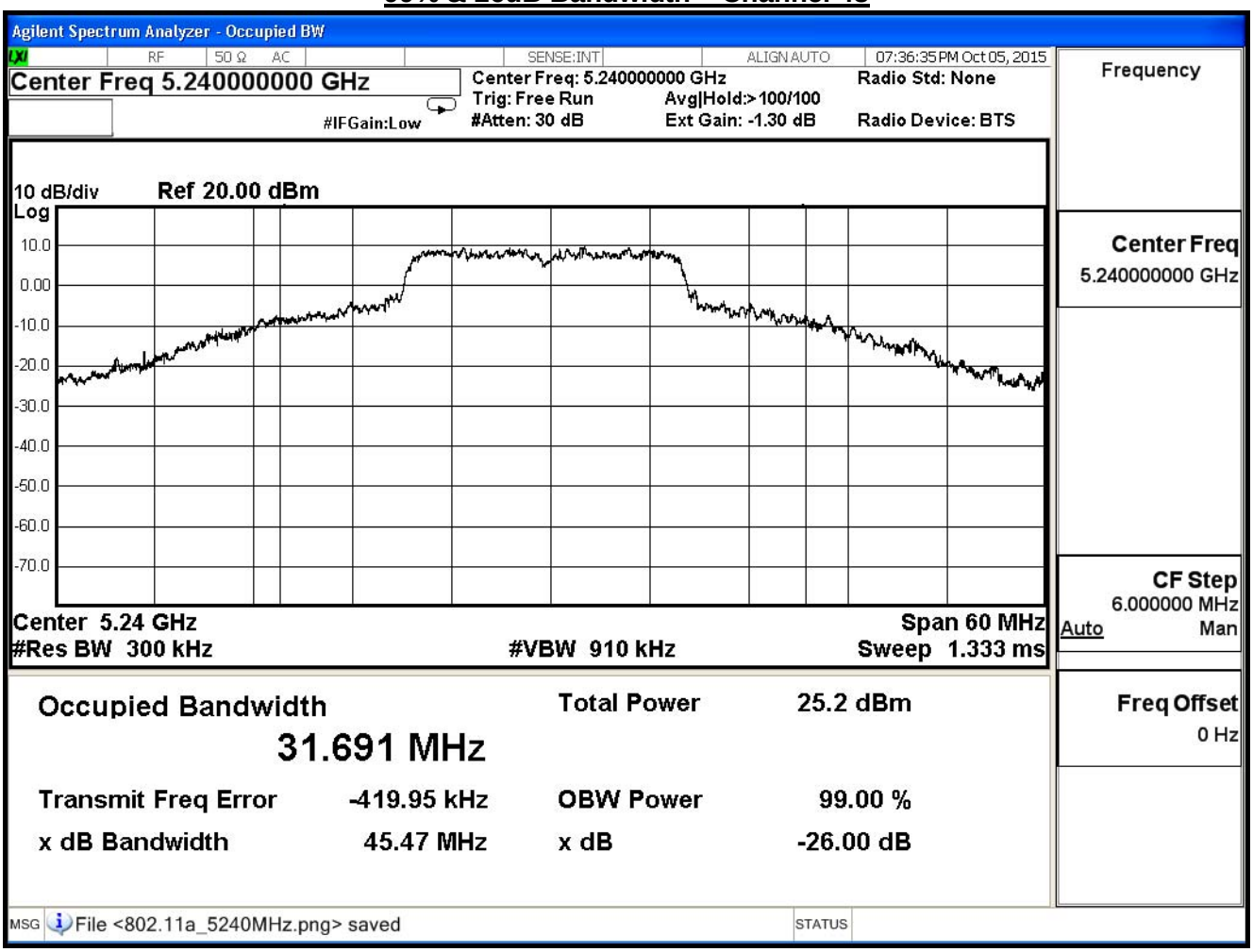
99% & 26dB Bandwidth – Channel 36



99% & 26dB Bandwidth – Channel 44



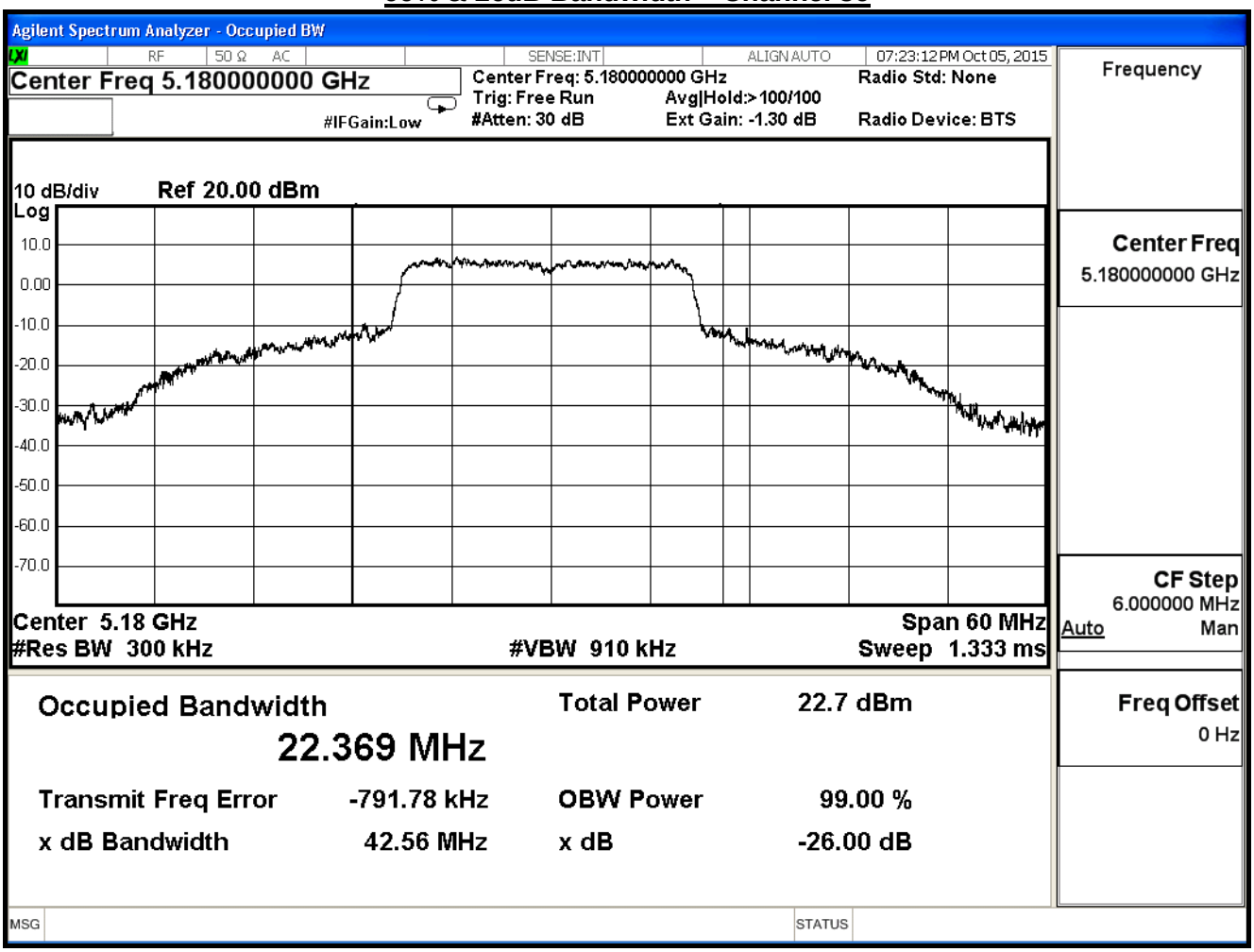
99% & 26dB Bandwidth – Channel 48



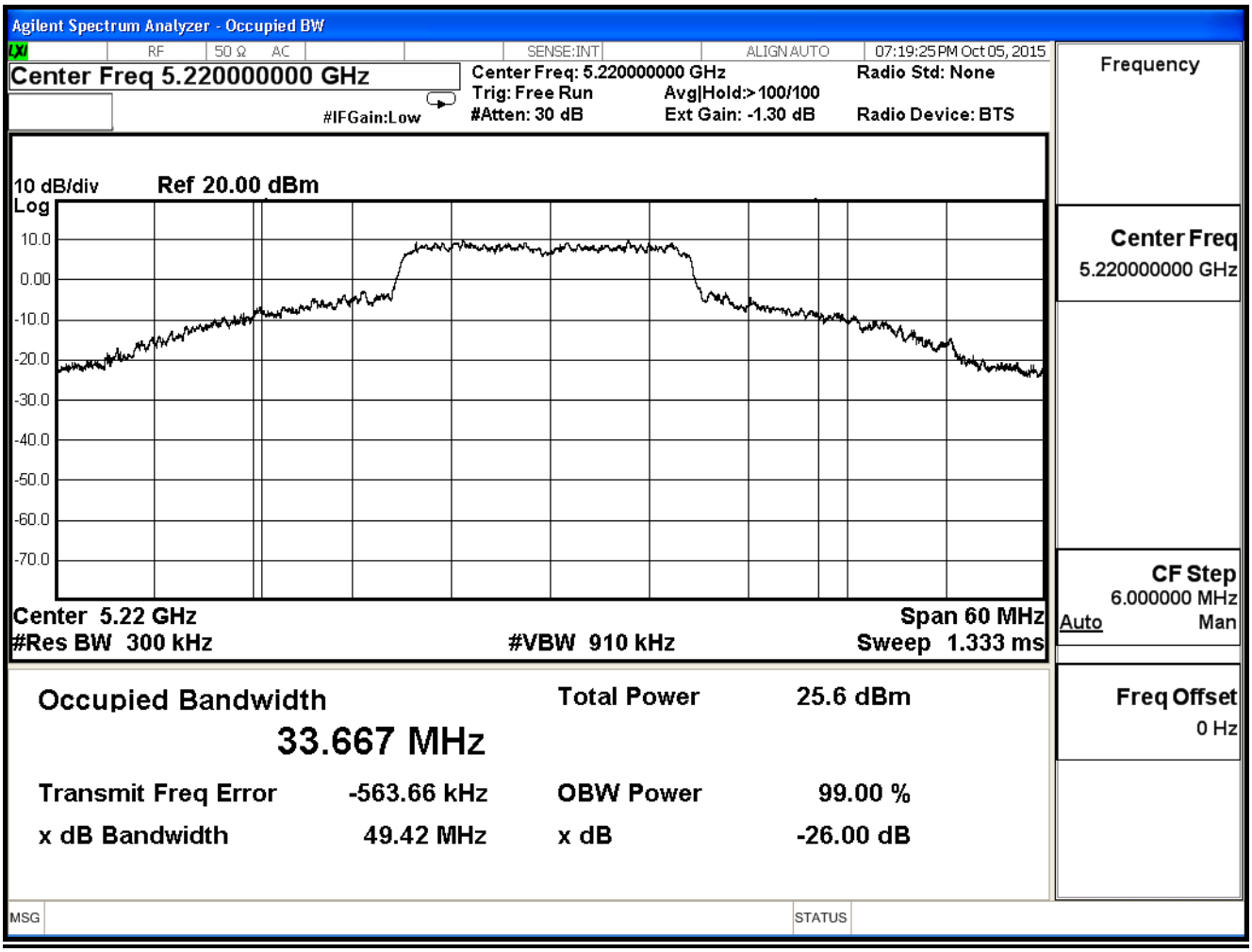
Product	Mesh WiFi AP		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_20M(ANT 0)					
Channel No.	Frequency (MHz)	26dB Bandwidth	99% Bandwidth	Limit (MHz)	Result
		Measure Level (MHz)			
36	5180	42.560	22.369	--	Pass
44	5220	49.420	33.667	--	Pass
48	5240	47.860	31.538	--	Pass

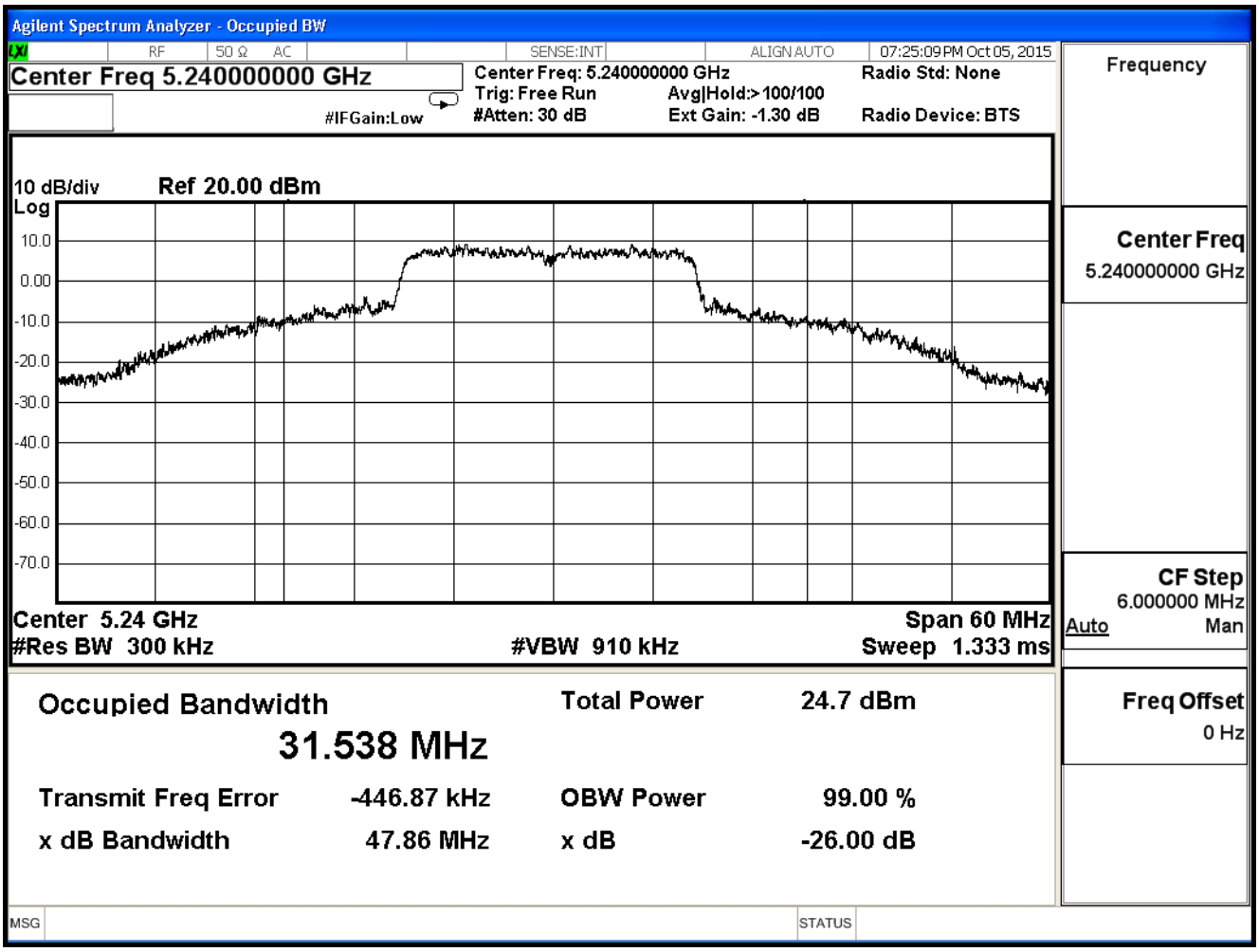
99% & 26dB Bandwidth – Channel 36



99% & 26dB Bandwidth – Channel 44



99% & 26dB Bandwidth – Channel 48

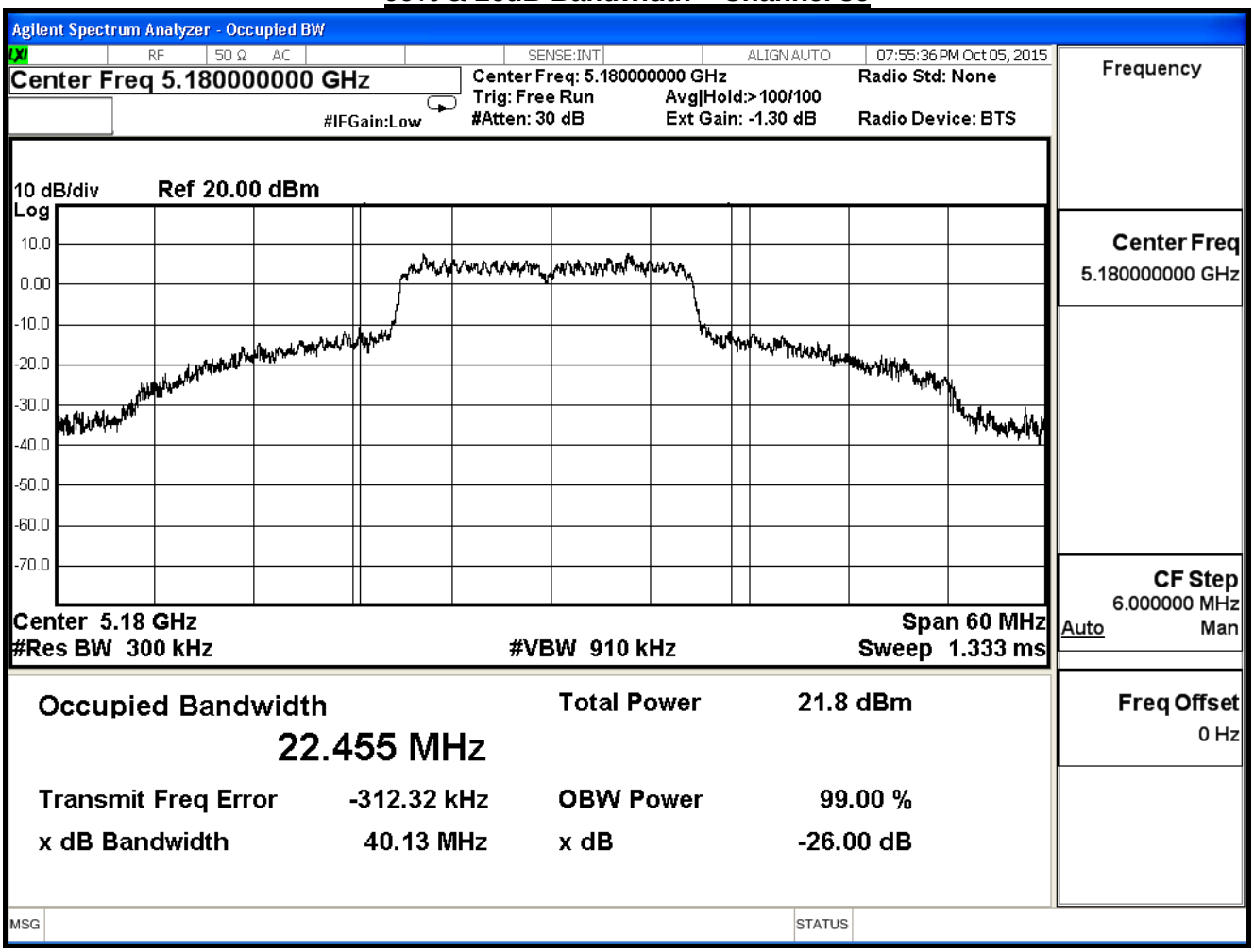


Product	Mesh WiFi AP		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

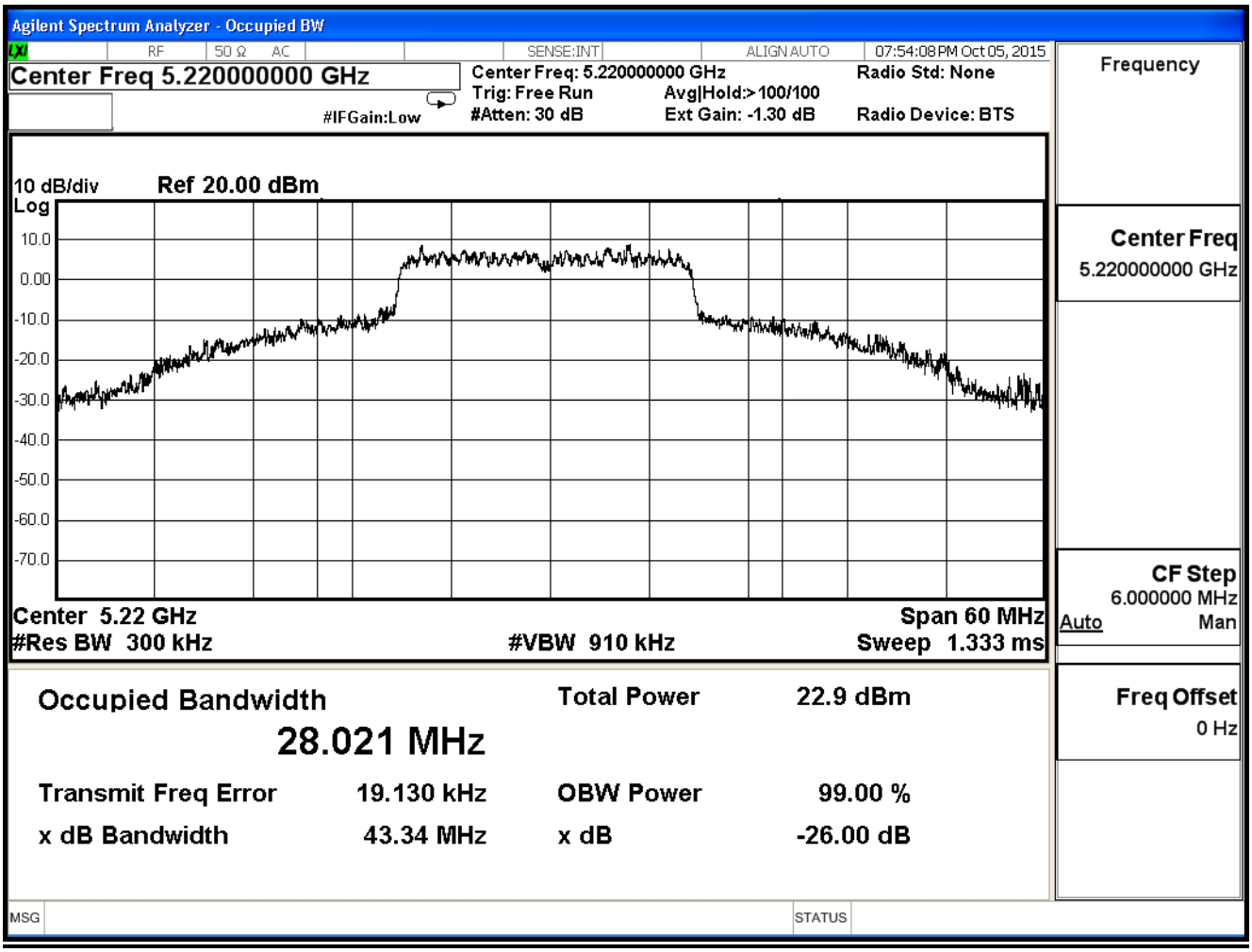
802.11n_20M(ANT 1)

Channel No.	Frequency (MHz)	26dB Bandwidth	99% Bandwidth	Limit (MHz)	Result
		Measure Level (MHz)			
36	5180	40.130	22.455	--	Pass
44	5220	43.340	28.021	--	Pass
48	5240	44.720	29.240	--	Pass

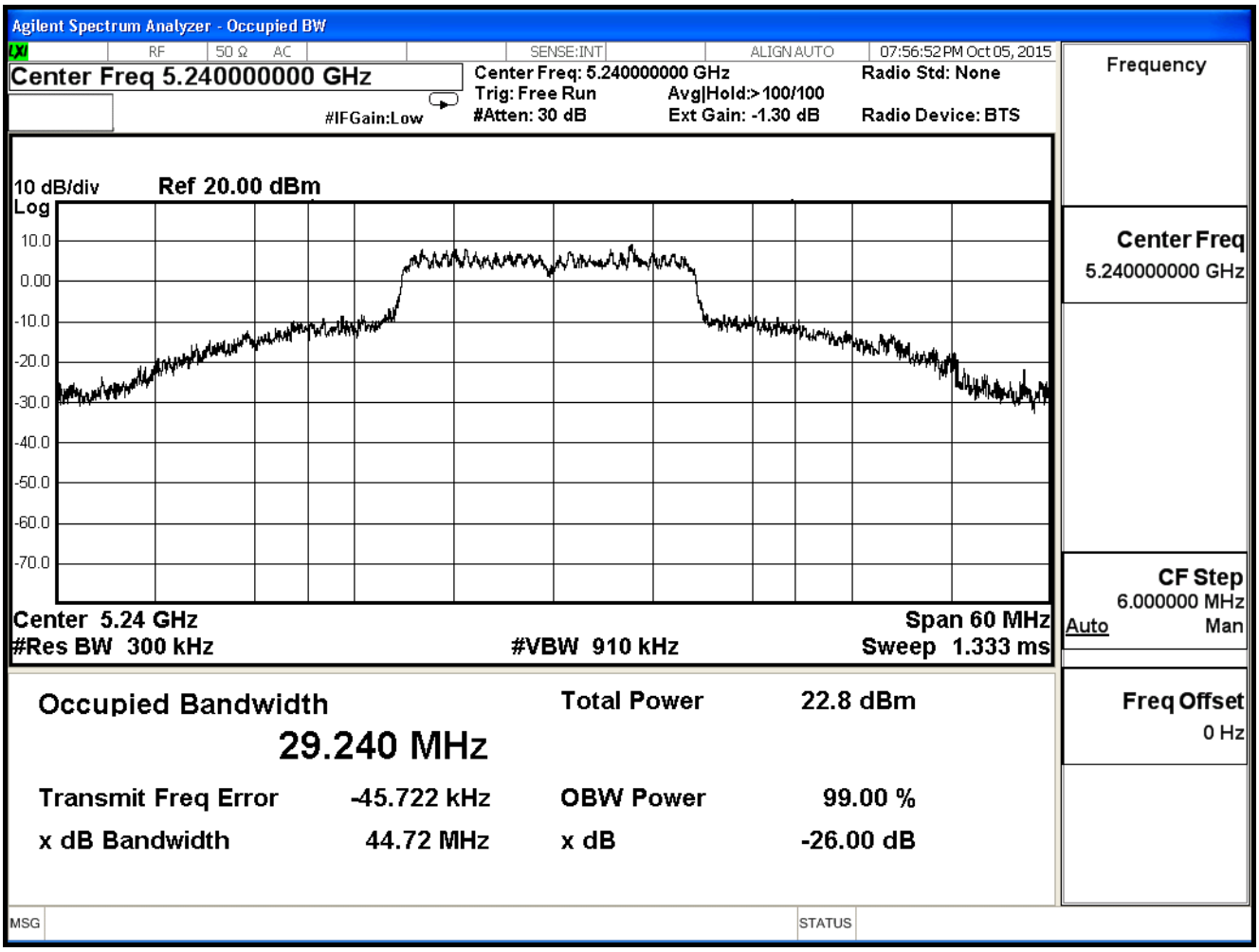
99% & 26dB Bandwidth – Channel 36



99% & 26dB Bandwidth – Channel 44



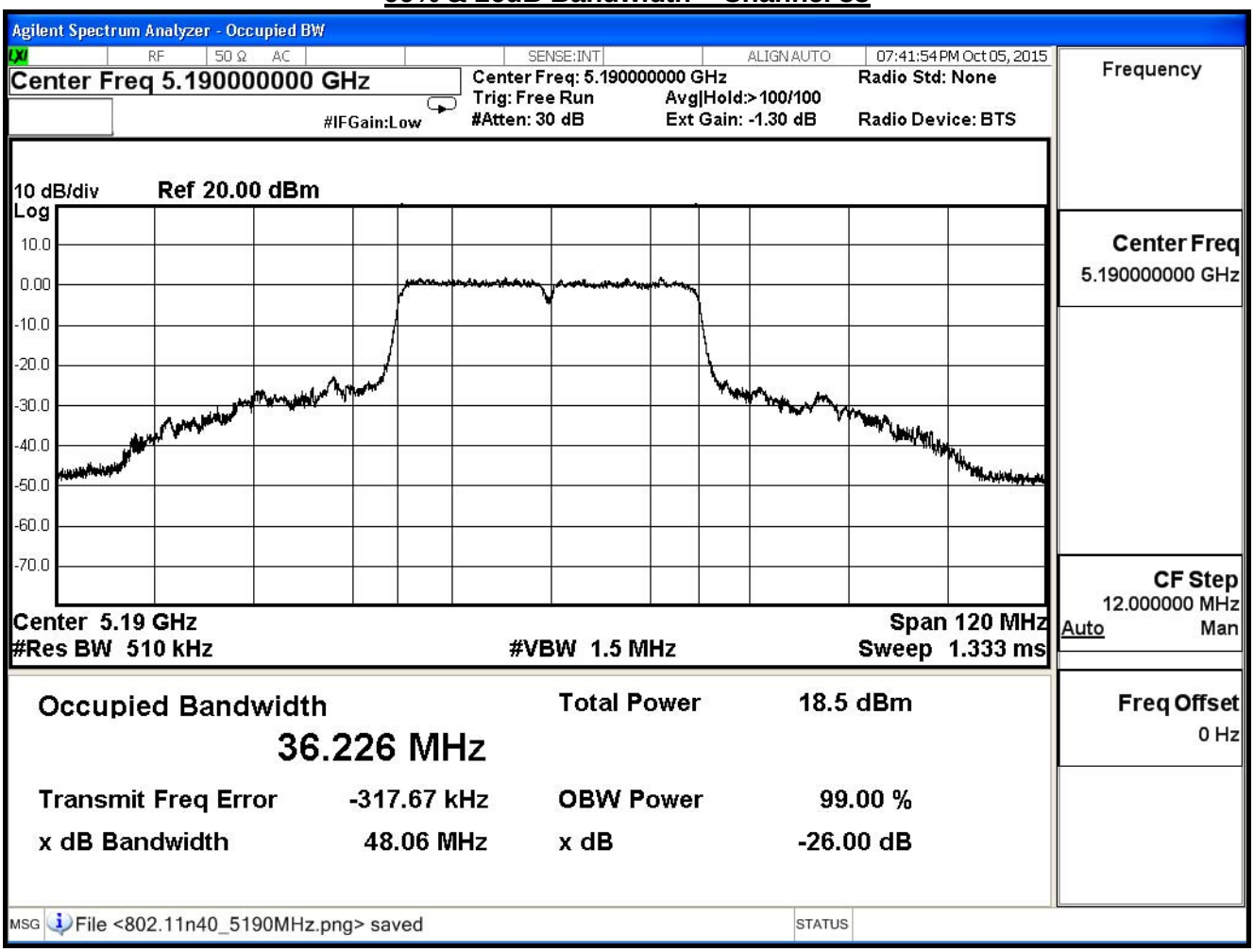
99% & 26dB Bandwidth – Channel 48



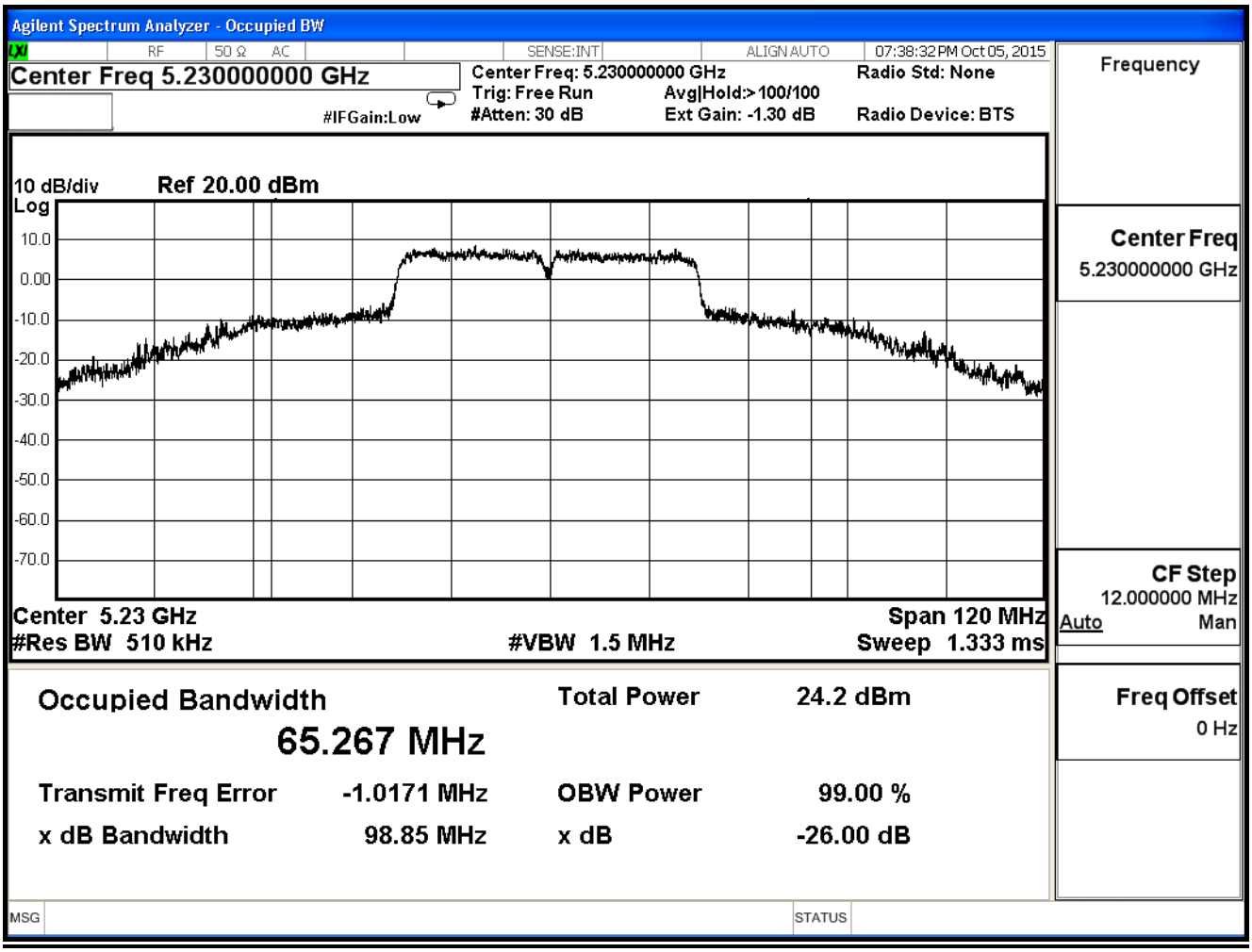
Product	Mesh WiFi AP		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_40M(ANT 0)					
Channel No.	Frequency (MHz)	26dB Bandwidth	99% Bandwidth	Limit (MHz)	Result
		Measure Level (MHz)			
38	5190	48.060	36.226	--	Pass
46	5230	98.850	65.267	--	Pass

99% & 26dB Bandwidth – Channel 38



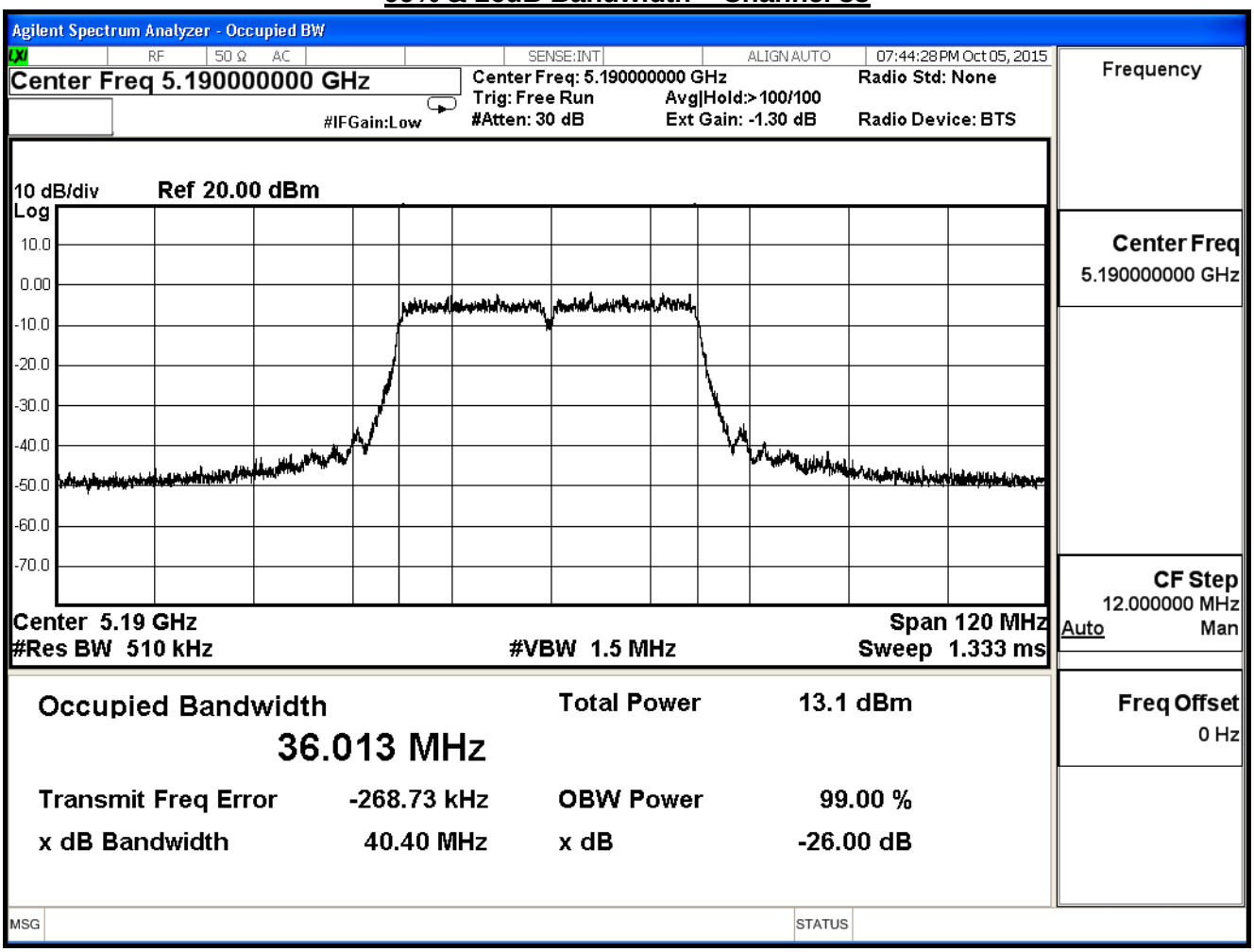
99% & 26dB Bandwidth – Channel 46



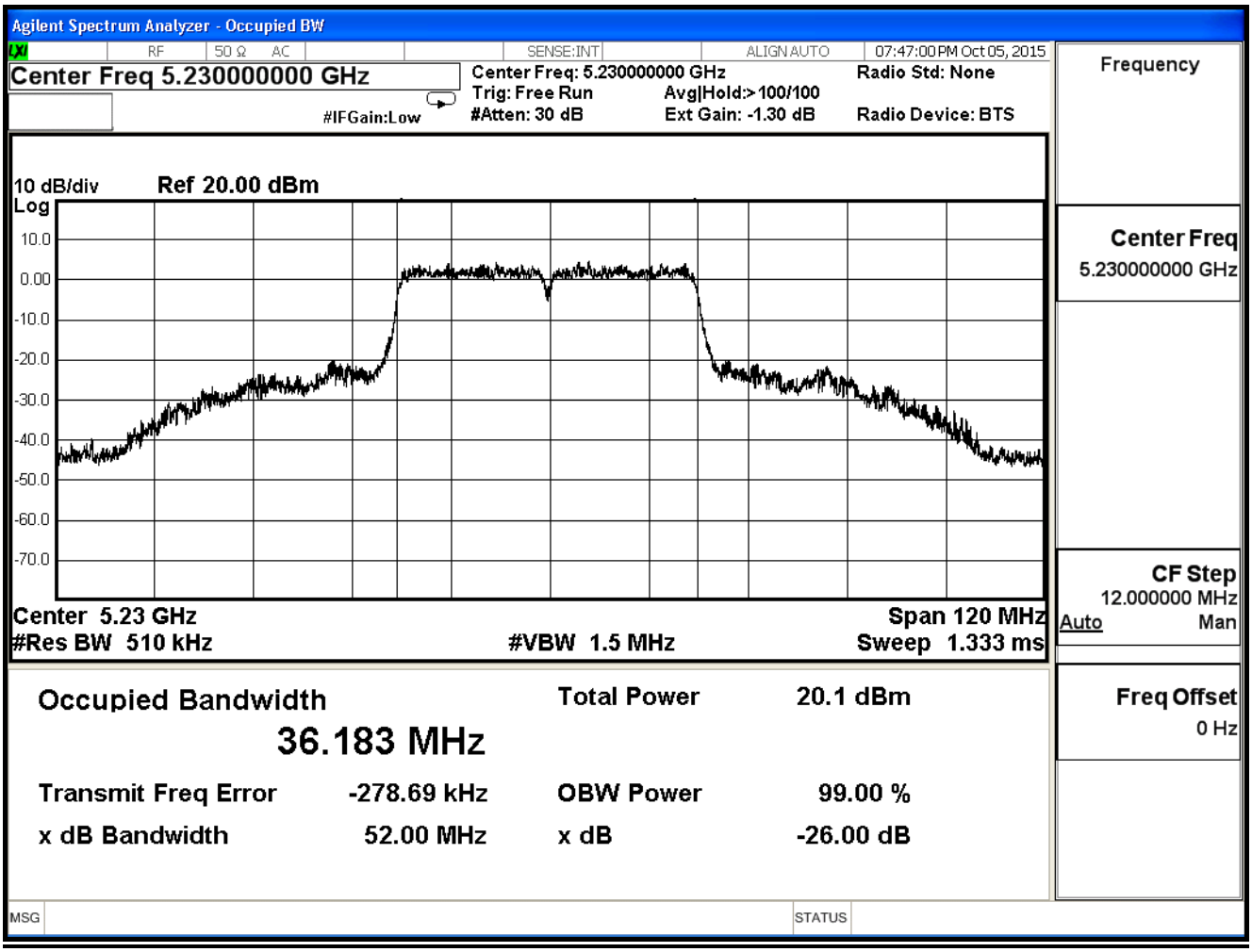
Product	Mesh WiFi AP		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_40M(ANT 1)					
Channel No.	Frequency (MHz)	26dB Bandwidth	99% Bandwidth	Limit (MHz)	Result
		Measure Level (MHz)			
38	5190	40.400	36.013	--	Pass
46	5230	52.000	36.183	--	Pass

99% & 26dB Bandwidth – Channel 38



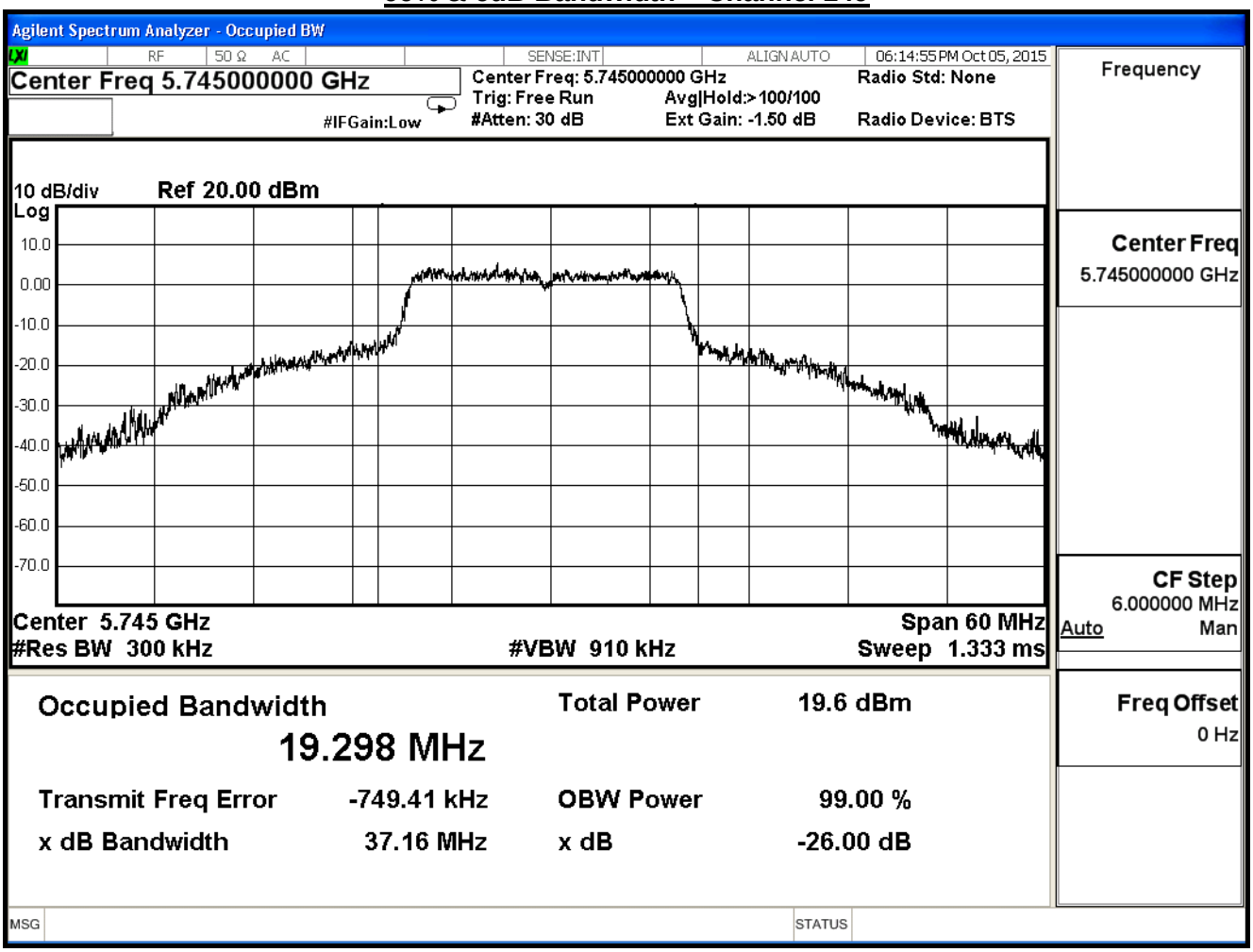
99% & 26dB Bandwidth – Channel 46



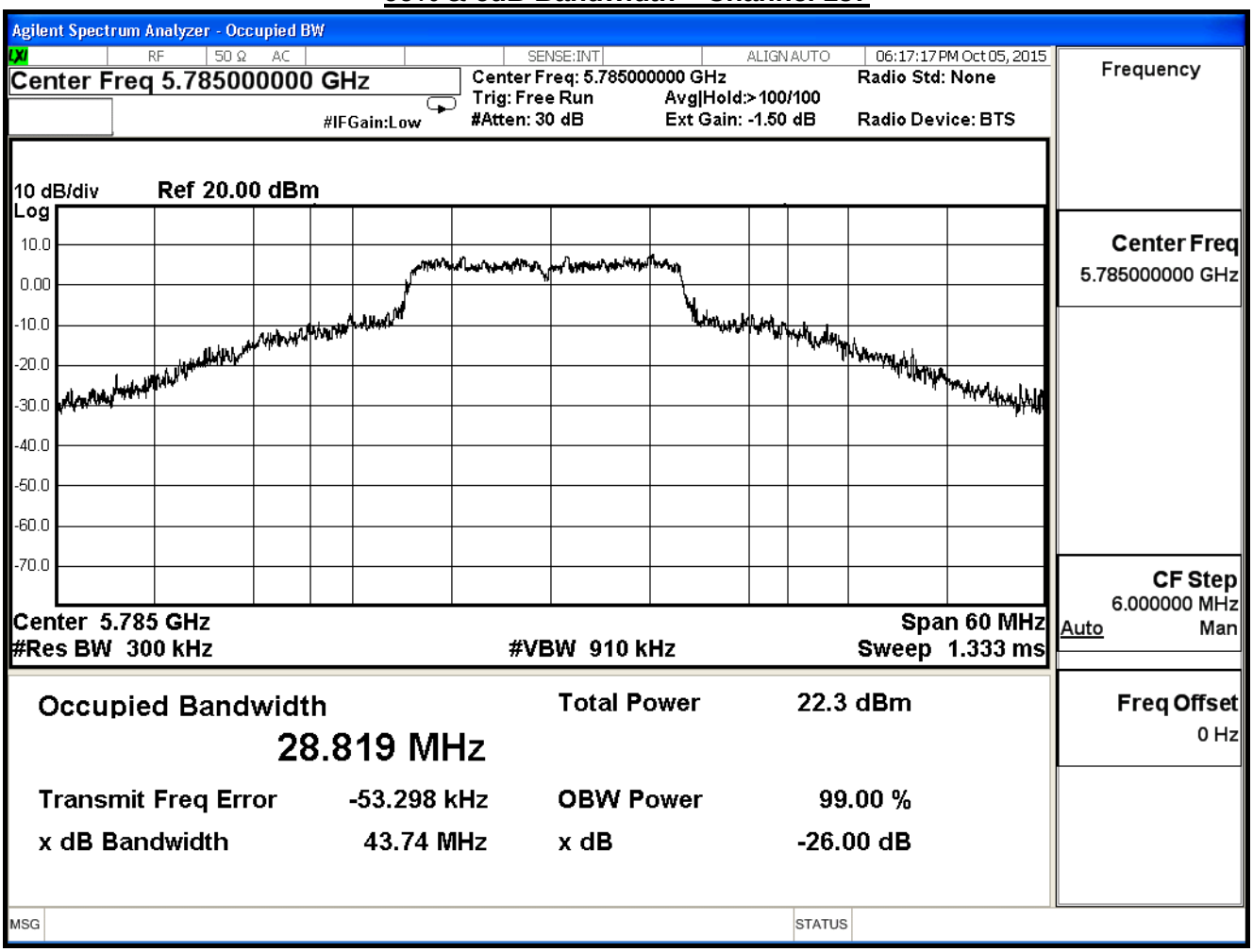
Product	Mesh WiFi AP		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11a (ANT 0)					
Channel No.	Frequency (MHz)	26dB Bandwidth	99% Bandwidth	Limit (MHz)	Result
		Measure Level (MHz)			
149	5745	37.160	19.298	--	Pass
157	5785	43.740	28.819	--	Pass
165	5825	44.020	28.950	--	Pass

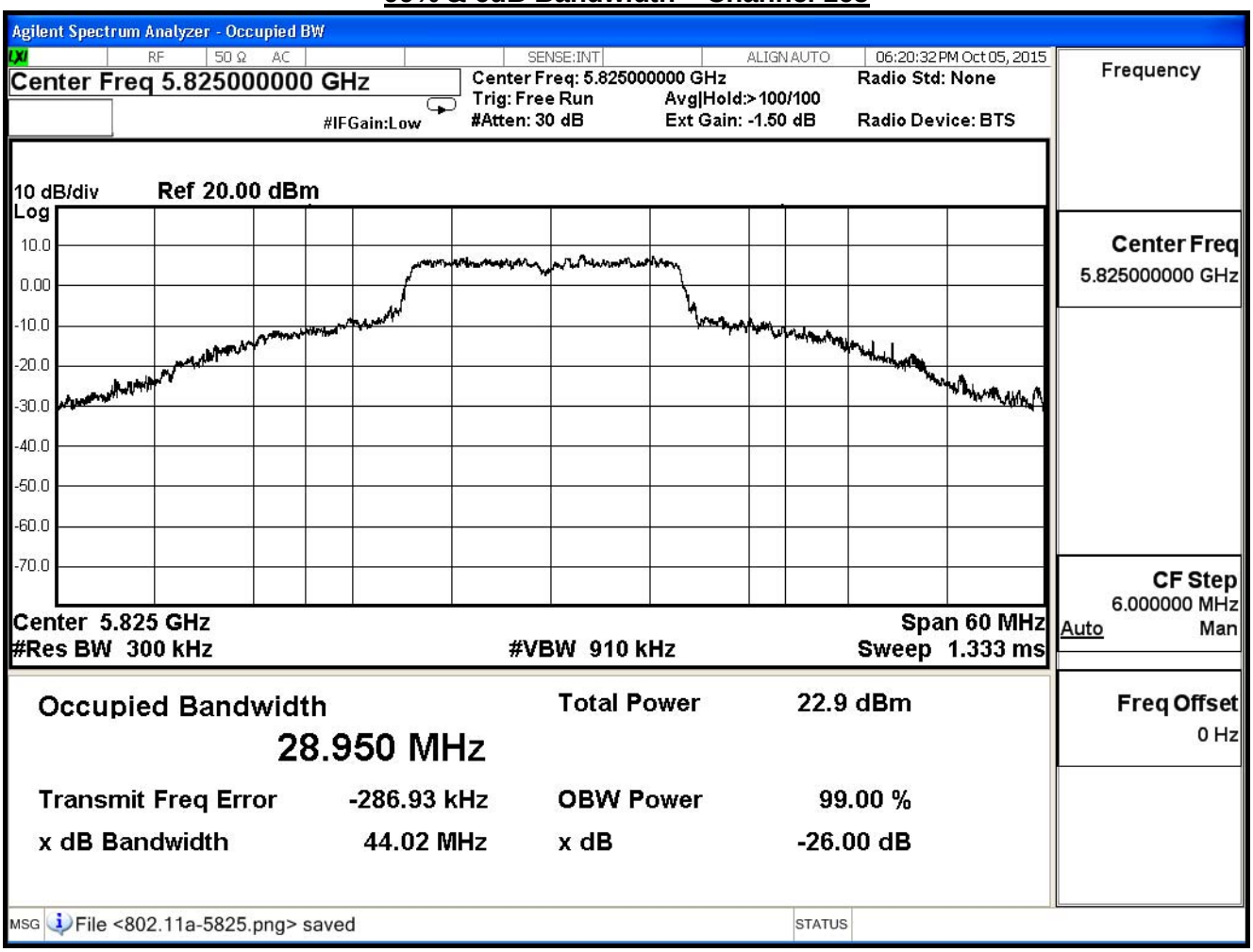
99% & 6dB Bandwidth – Channel 149



99% & 6dB Bandwidth – Channel 157



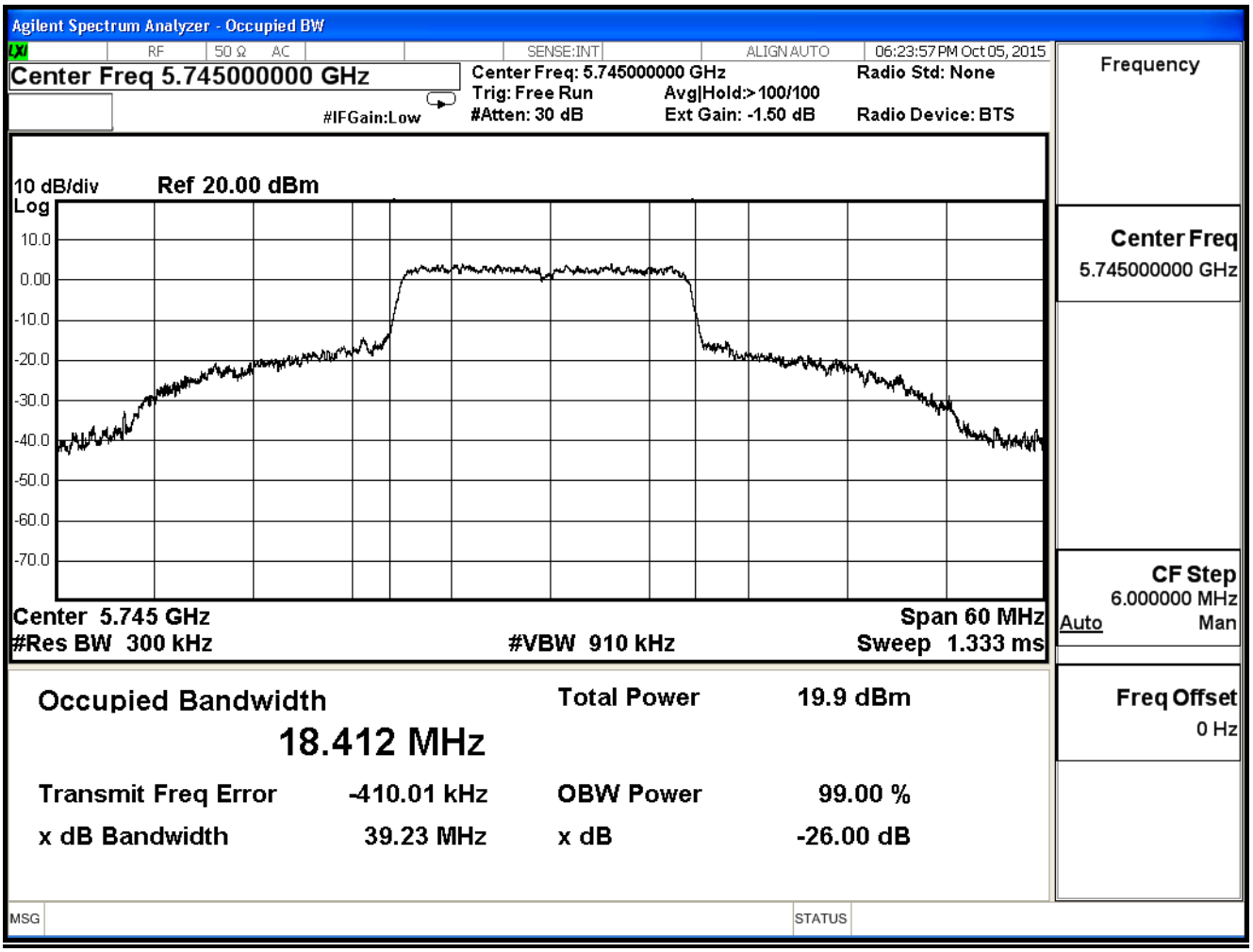
99% & 6dB Bandwidth – Channel 165



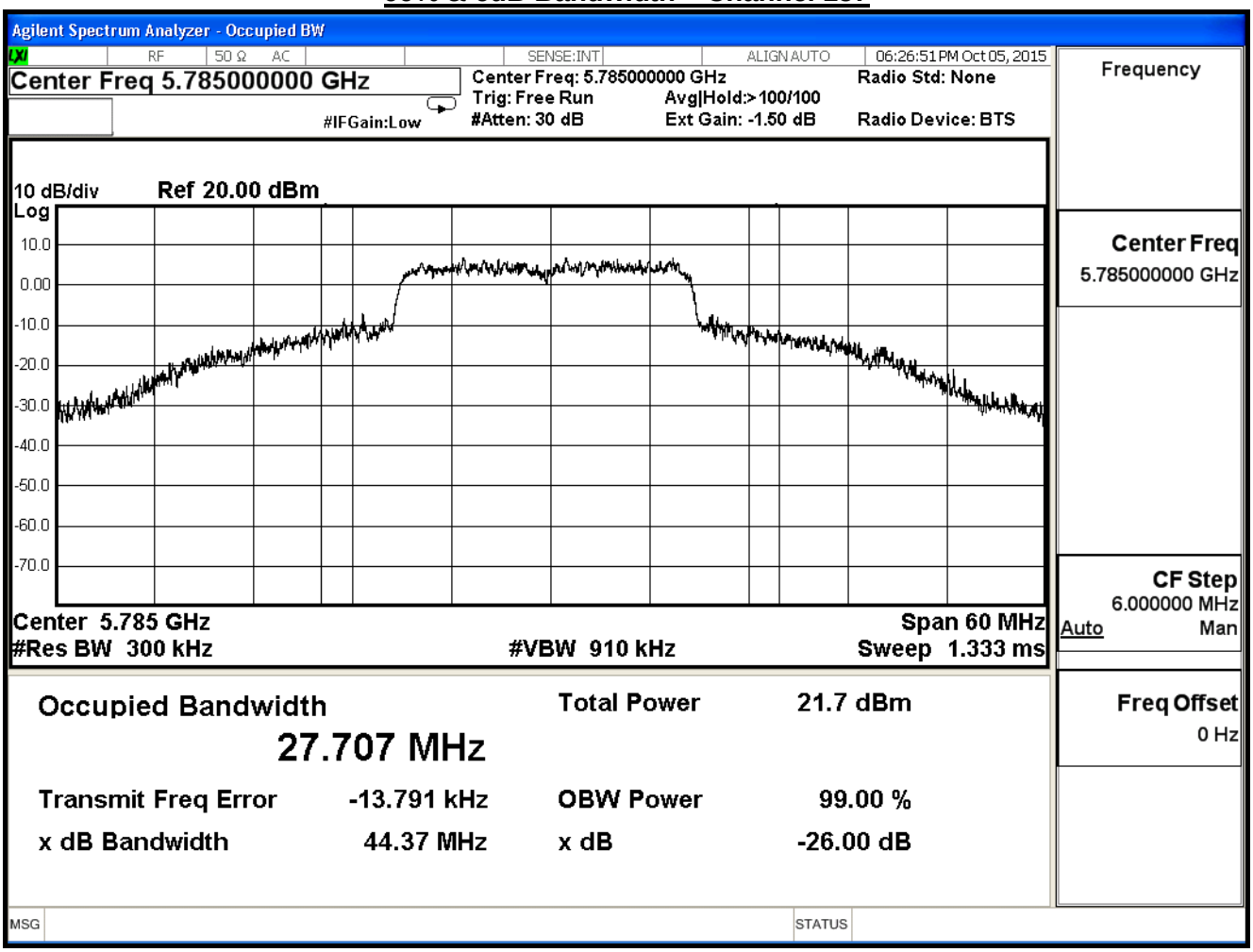
Product	Mesh WiFi AP		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_20M(ANT 0)					
Channel No.	Frequency (MHz)	26dB Bandwidth	99% Bandwidth	Limit (MHz)	Result
		Measure Level (MHz)			
149	5745	39.230	18.412	--	Pass
157	5785	44.370	27.707	--	Pass
165	5825	44.170	26.945	--	Pass

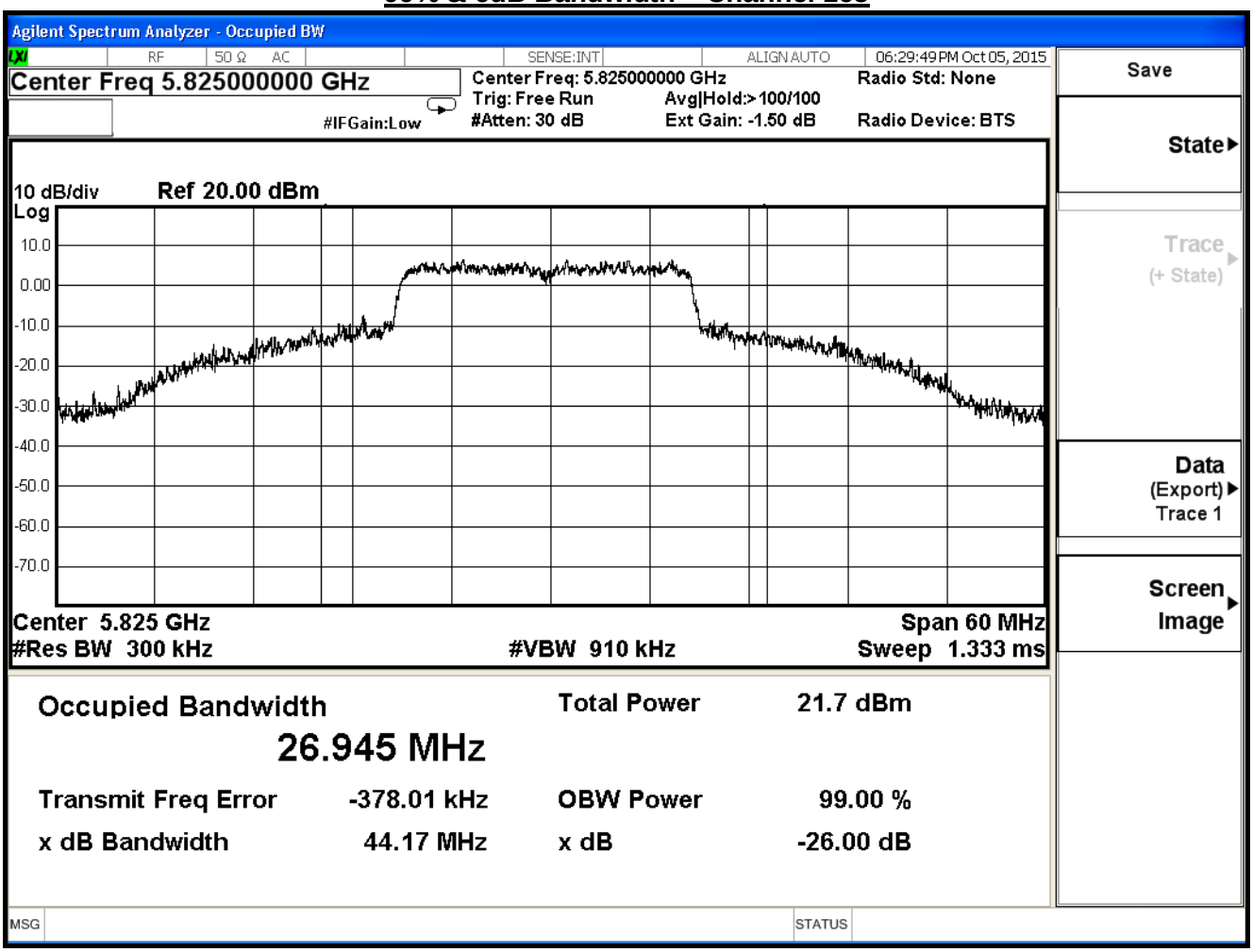
99% & 6dB Bandwidth – Channel 149



99% & 6dB Bandwidth – Channel 157



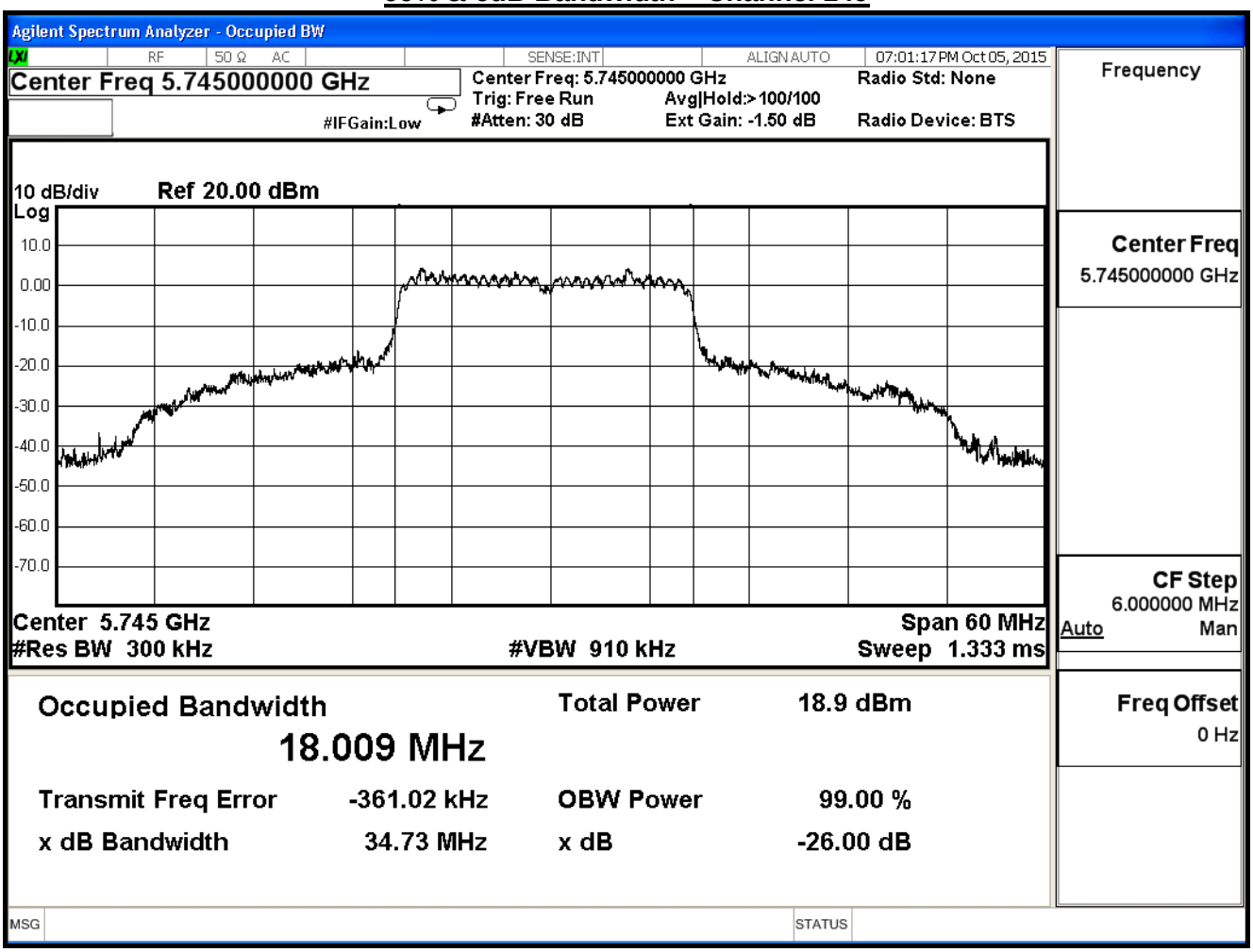
99% & 6dB Bandwidth – Channel 165



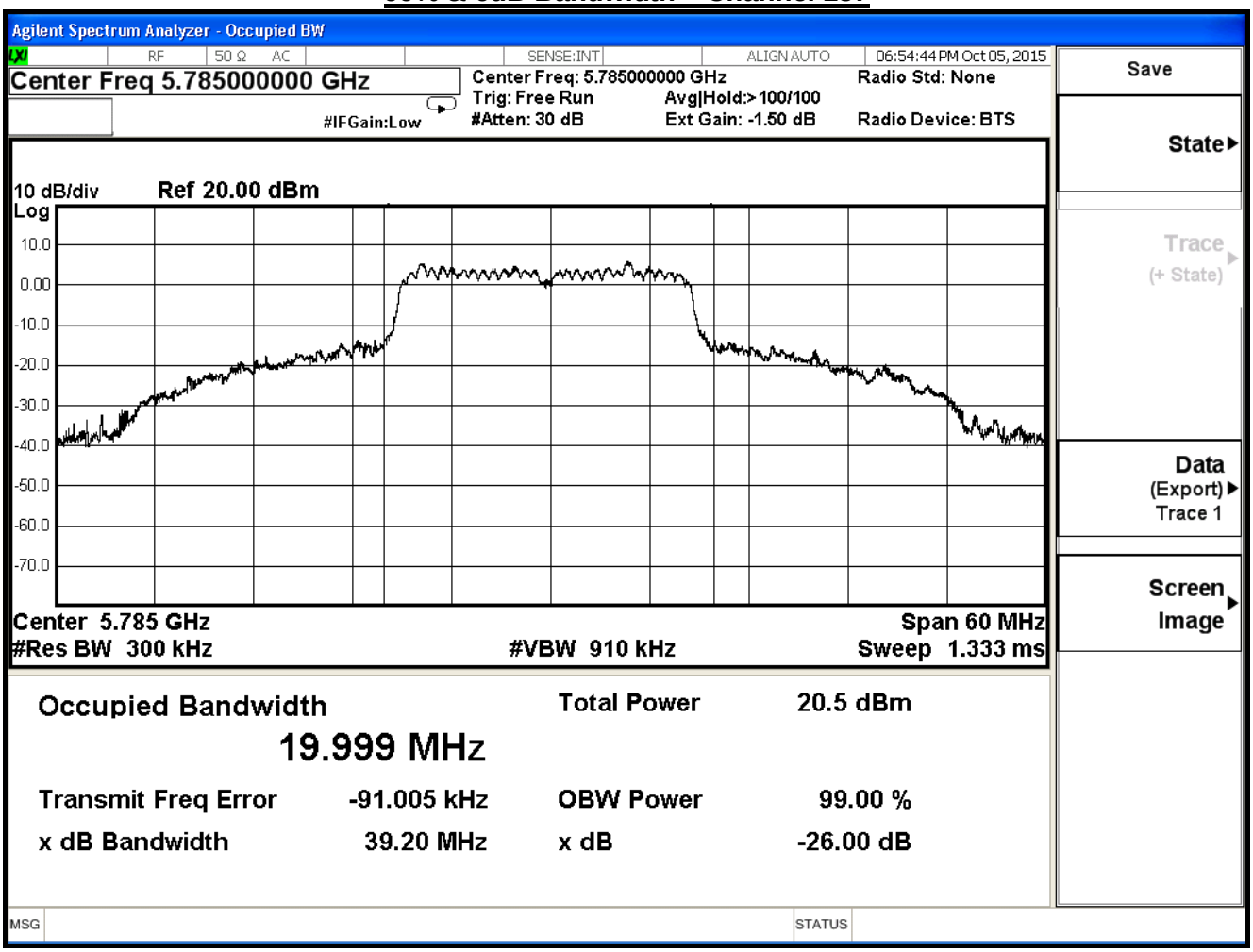
Product	Mesh WiFi AP		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_20M(ANT 1)					
Channel No.	Frequency (MHz)	26dB Bandwidth	99% Bandwidth	Limit (MHz)	Result
		Measure Level (MHz)			
149	5745	34.730	18.009	--	Pass
157	5785	39.200	19.999	--	Pass
165	5825	31.150	17.861	--	Pass

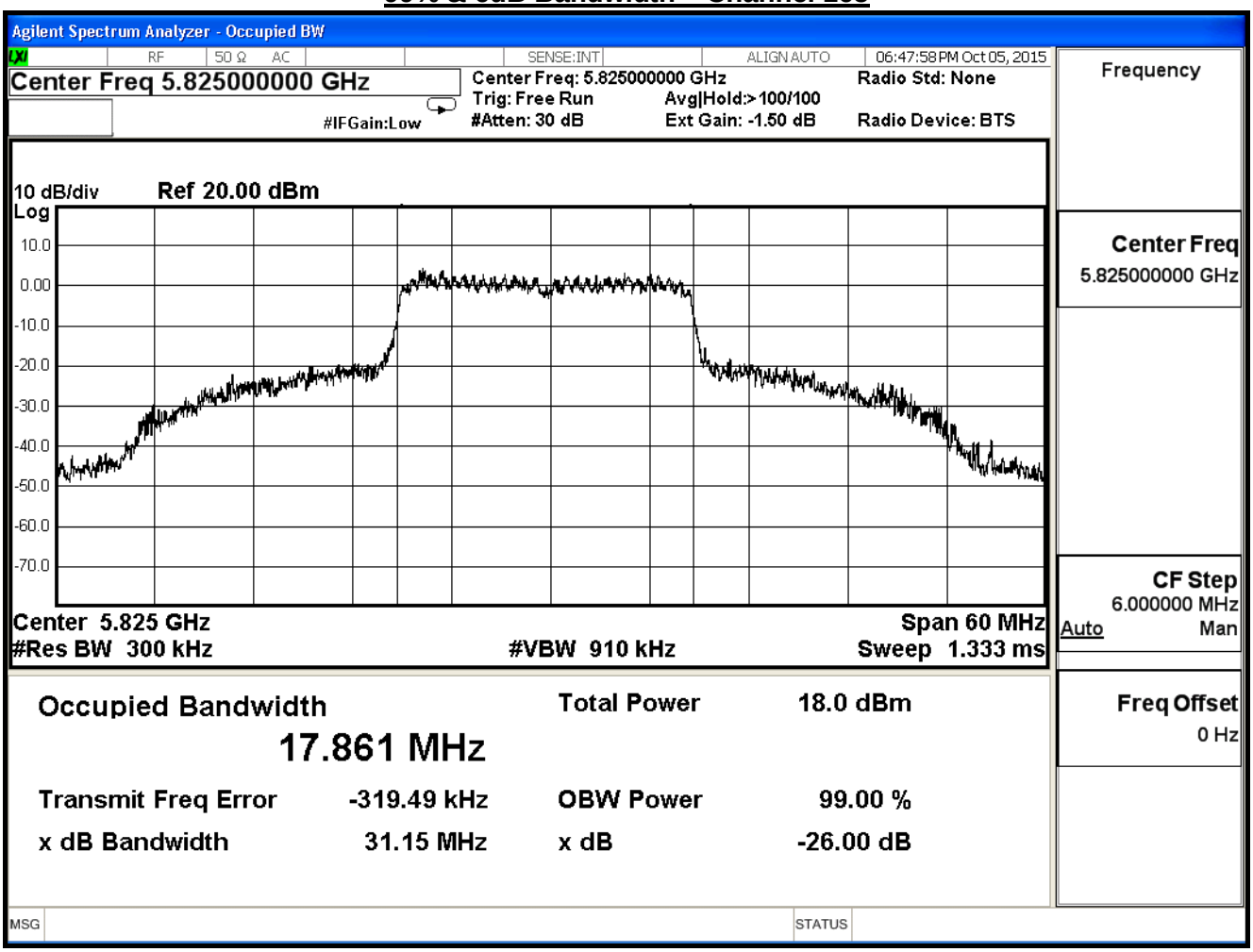
99% & 6dB Bandwidth – Channel 149



99% & 6dB Bandwidth – Channel 157



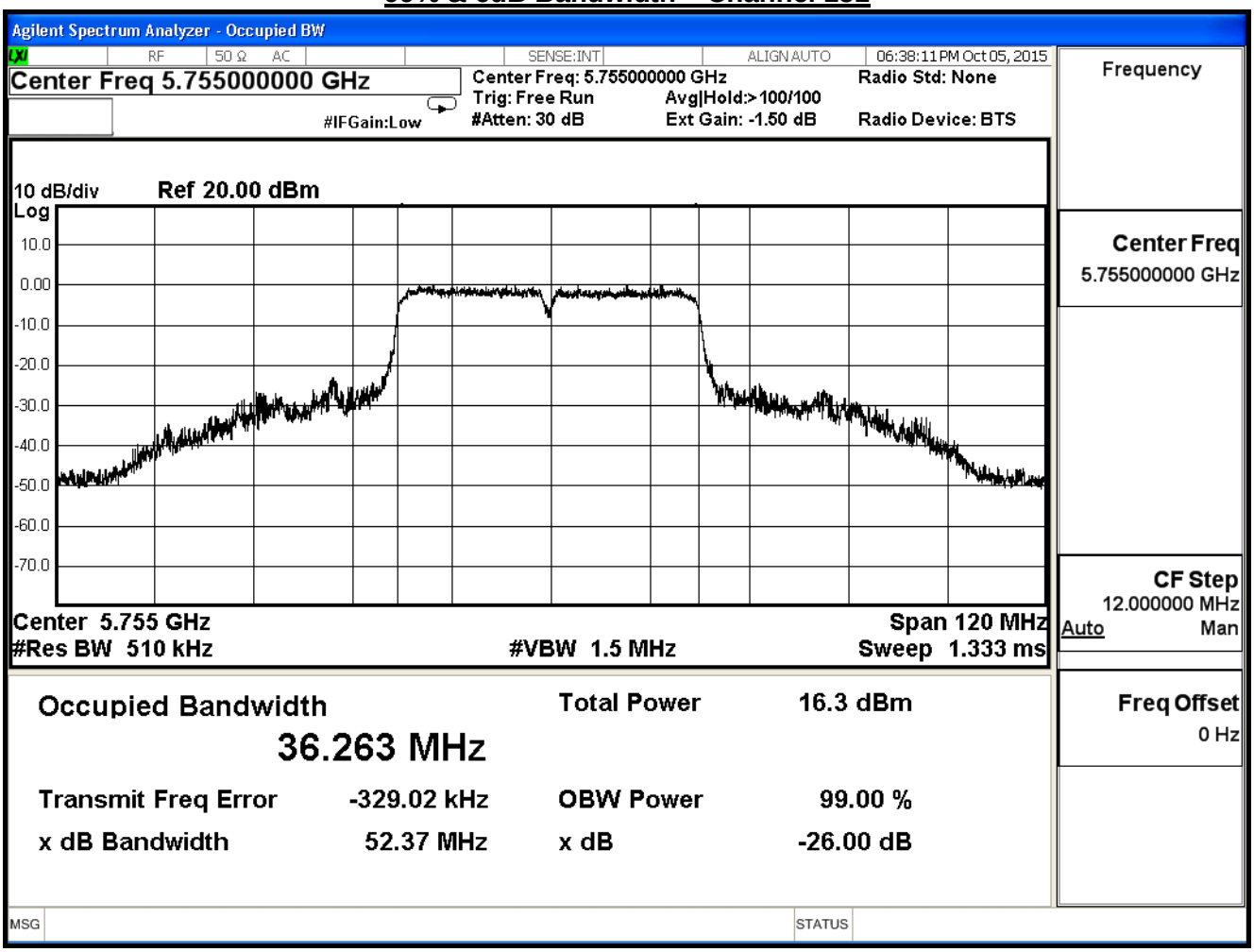
99% & 6dB Bandwidth – Channel 165



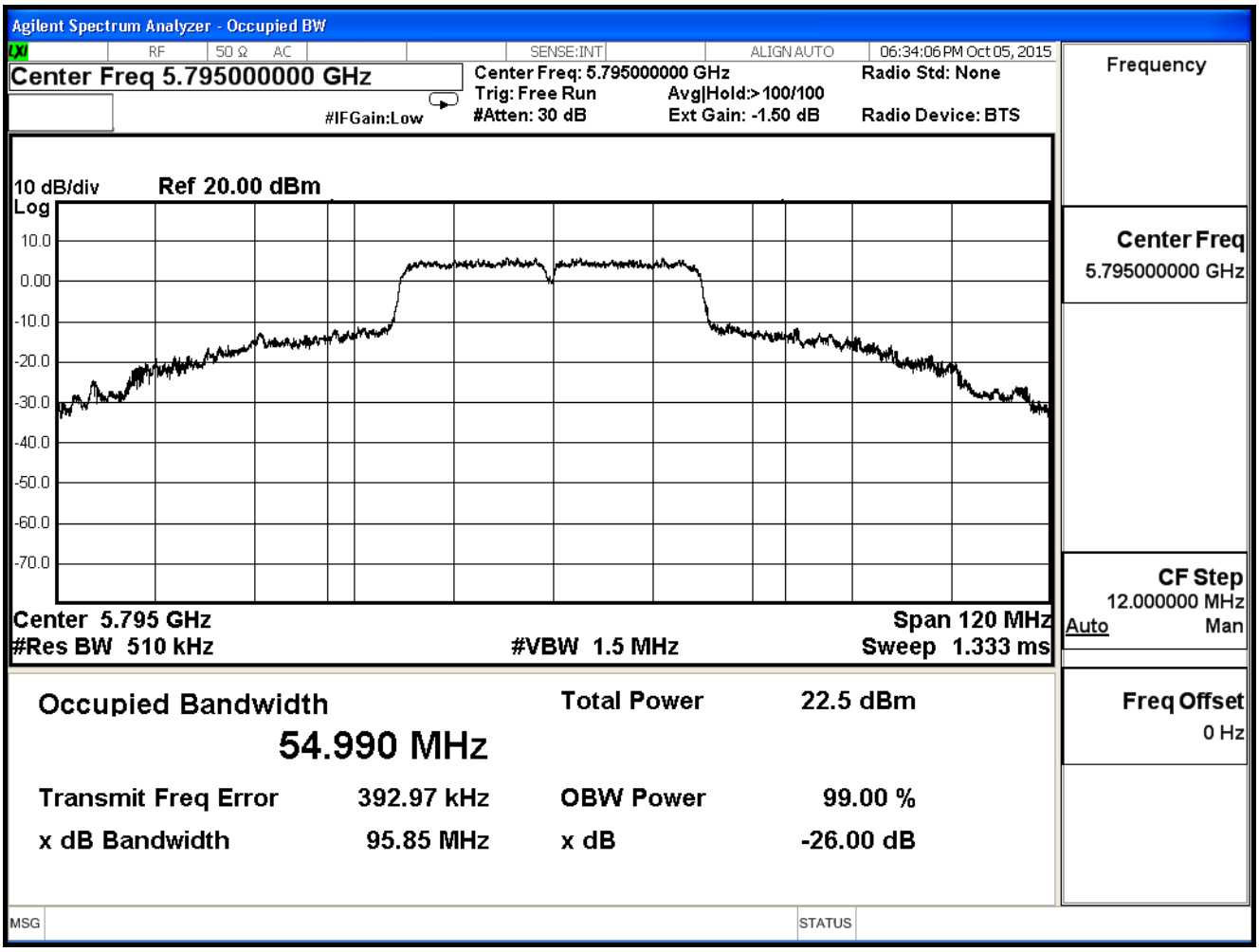
Product	Mesh WiFi AP		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_40M(ANT 0)					
Channel No.	Frequency (MHz)	26dB Bandwidth	99% Bandwidth	Limit (MHz)	Result
		Measure Level (MHz)			
151	5755	52.370	36.263	--	Pass
159	5795	95.850	54.990	--	Pass

99% & 6dB Bandwidth – Channel 151



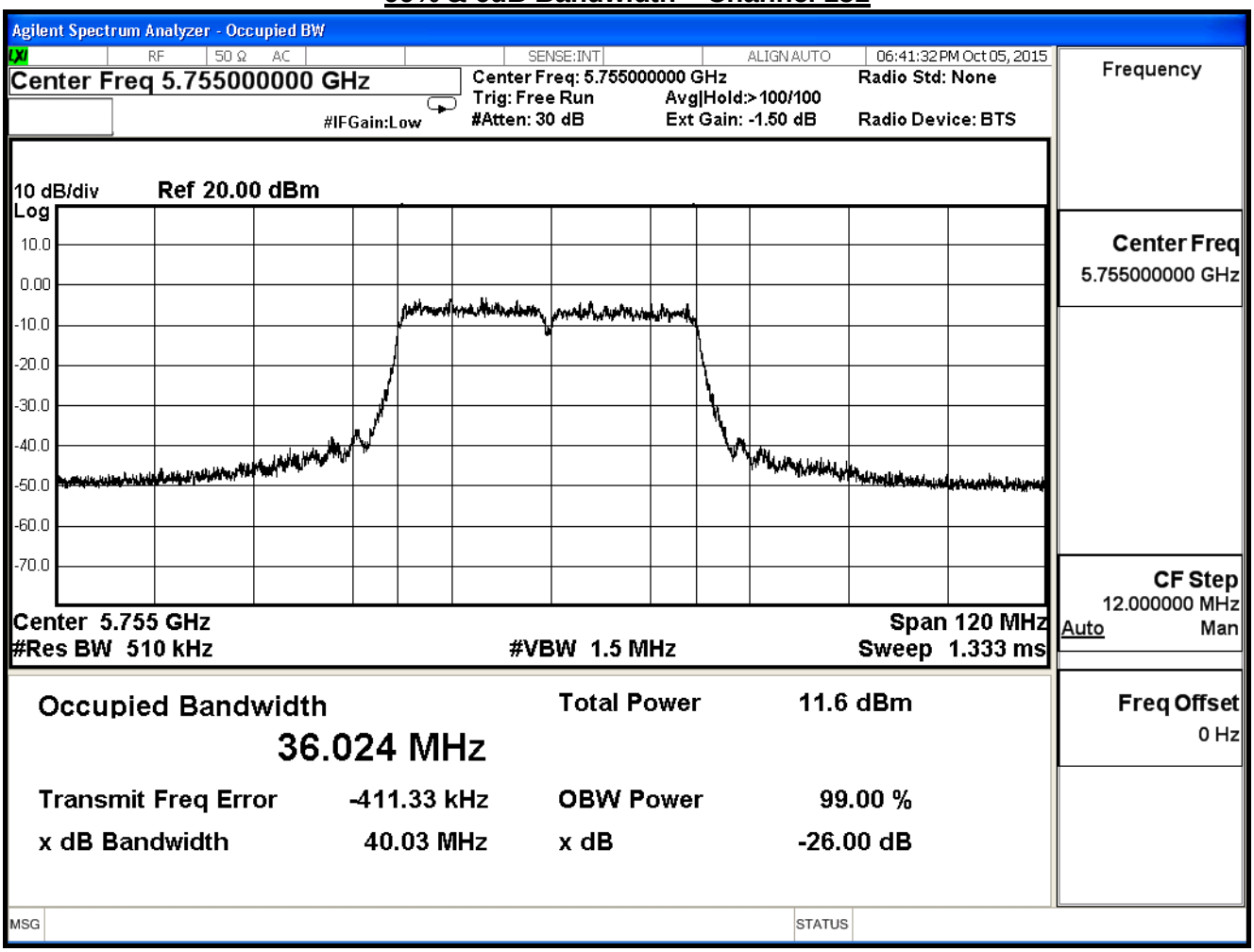
99% & 6dB Bandwidth – Channel 159



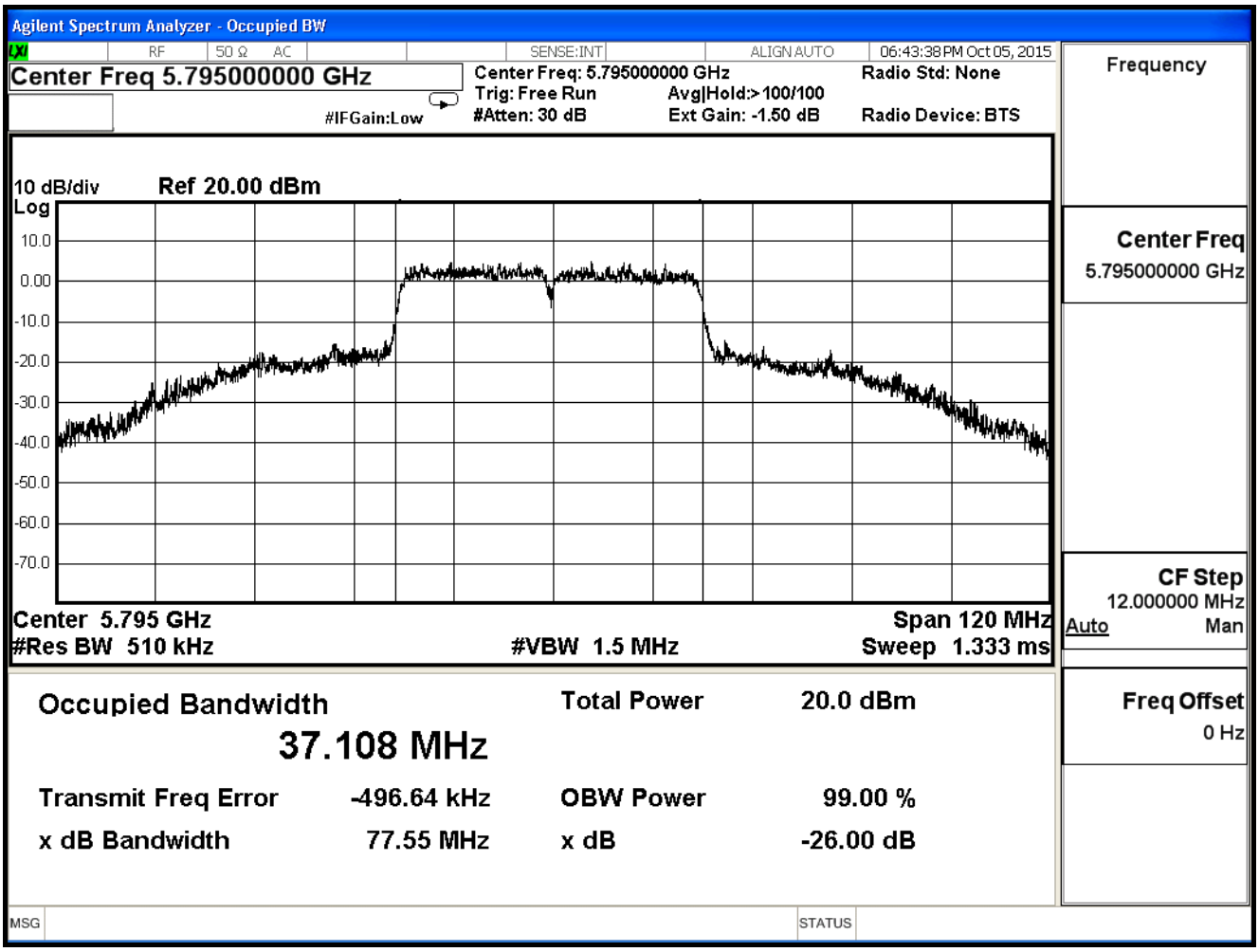
Product	Mesh WiFi AP		
Test Item	99% & 26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_40M(ANT 1)					
Channel No.	Frequency (MHz)	26dB Bandwidth	99% Bandwidth	Limit (MHz)	Result
		Measure Level (MHz)			
151	5755	40.030	36.024	--	Pass
159	5795	77.550	37.108	--	Pass

99% & 6dB Bandwidth – Channel 151



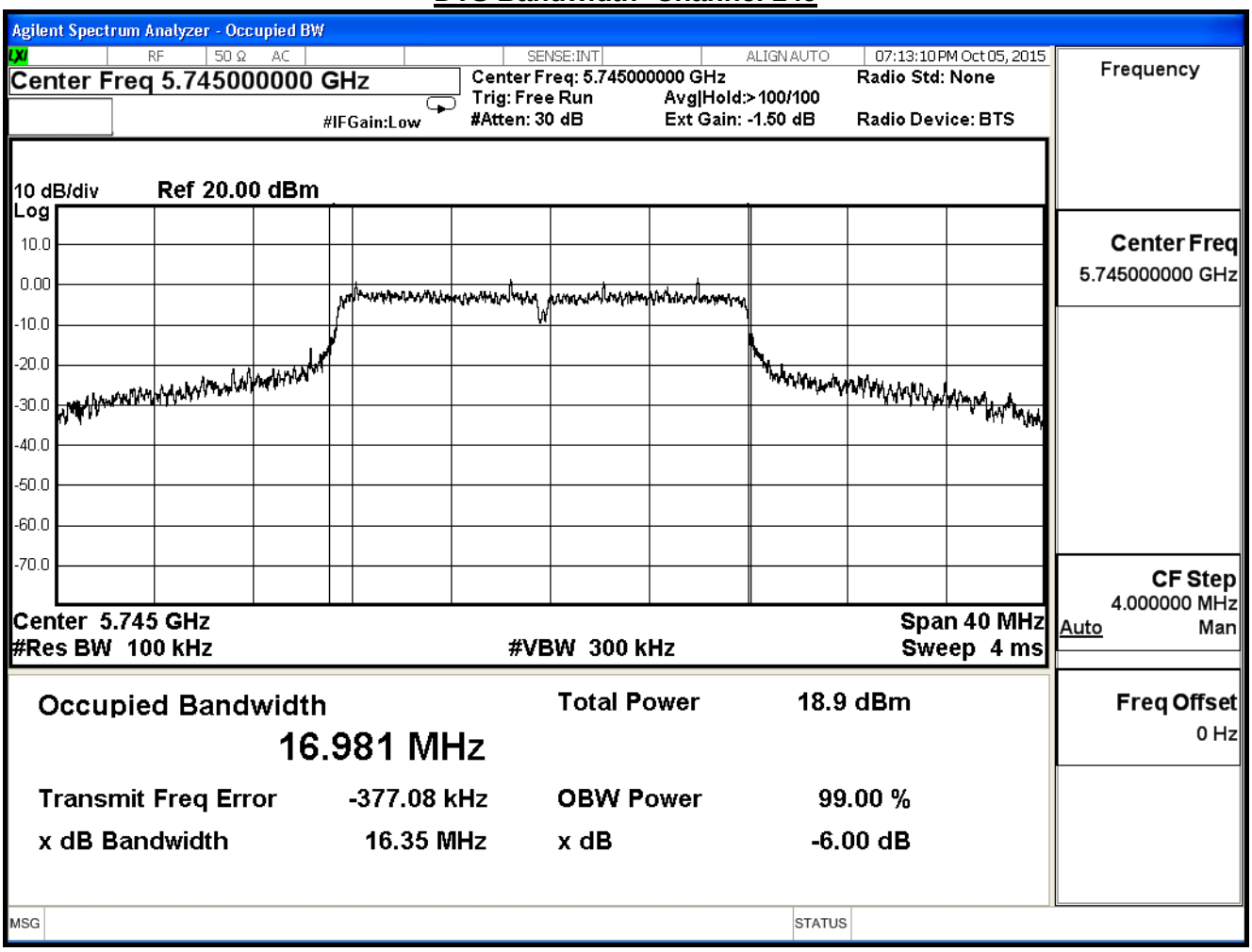
99% & 6dB Bandwidth – Channel 159



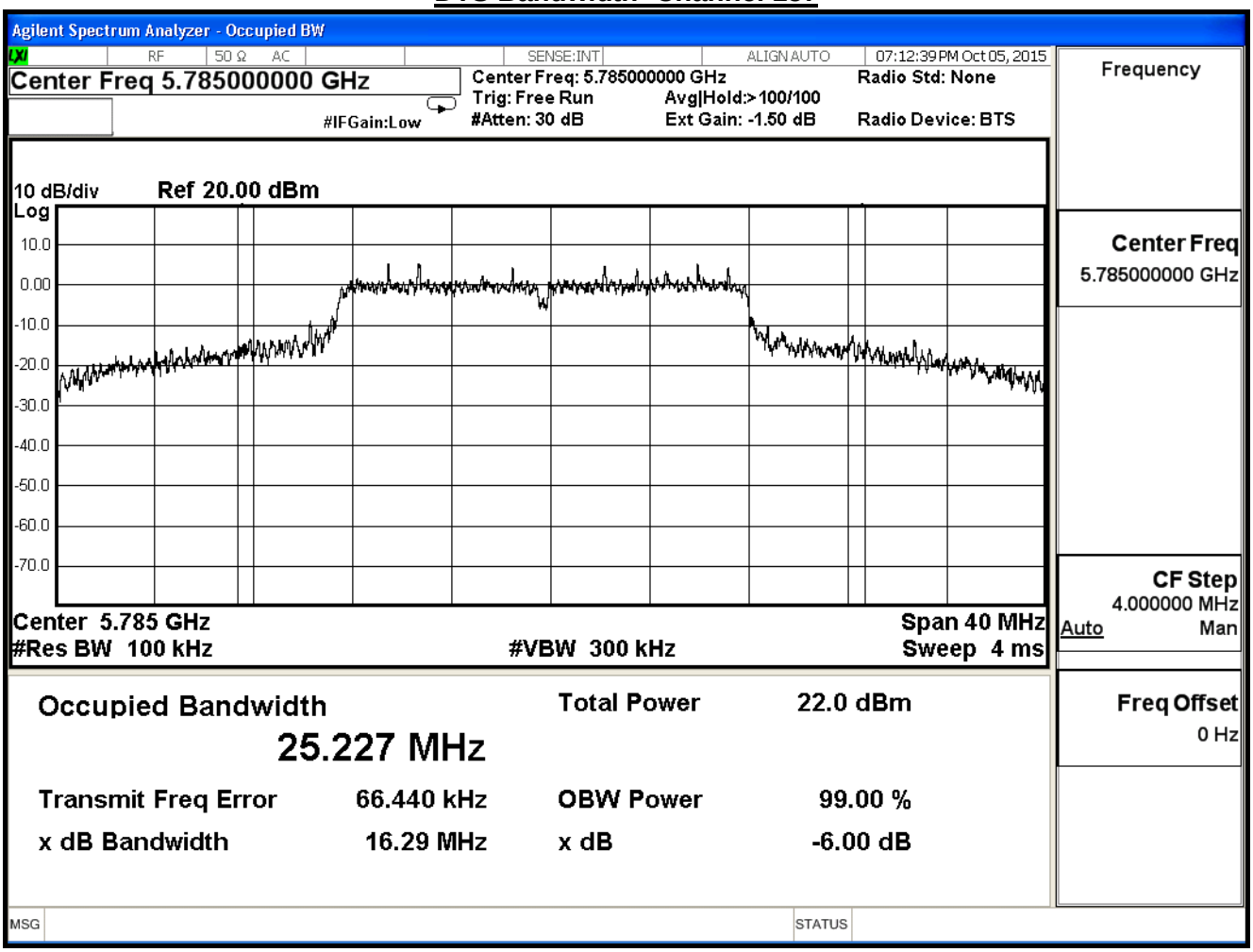
Product	Mesh WiFi AP		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.350	≧0.5	Pass
157	5785	16.290	≧0.5	Pass
165	5825	16.310	≧0.5	Pass

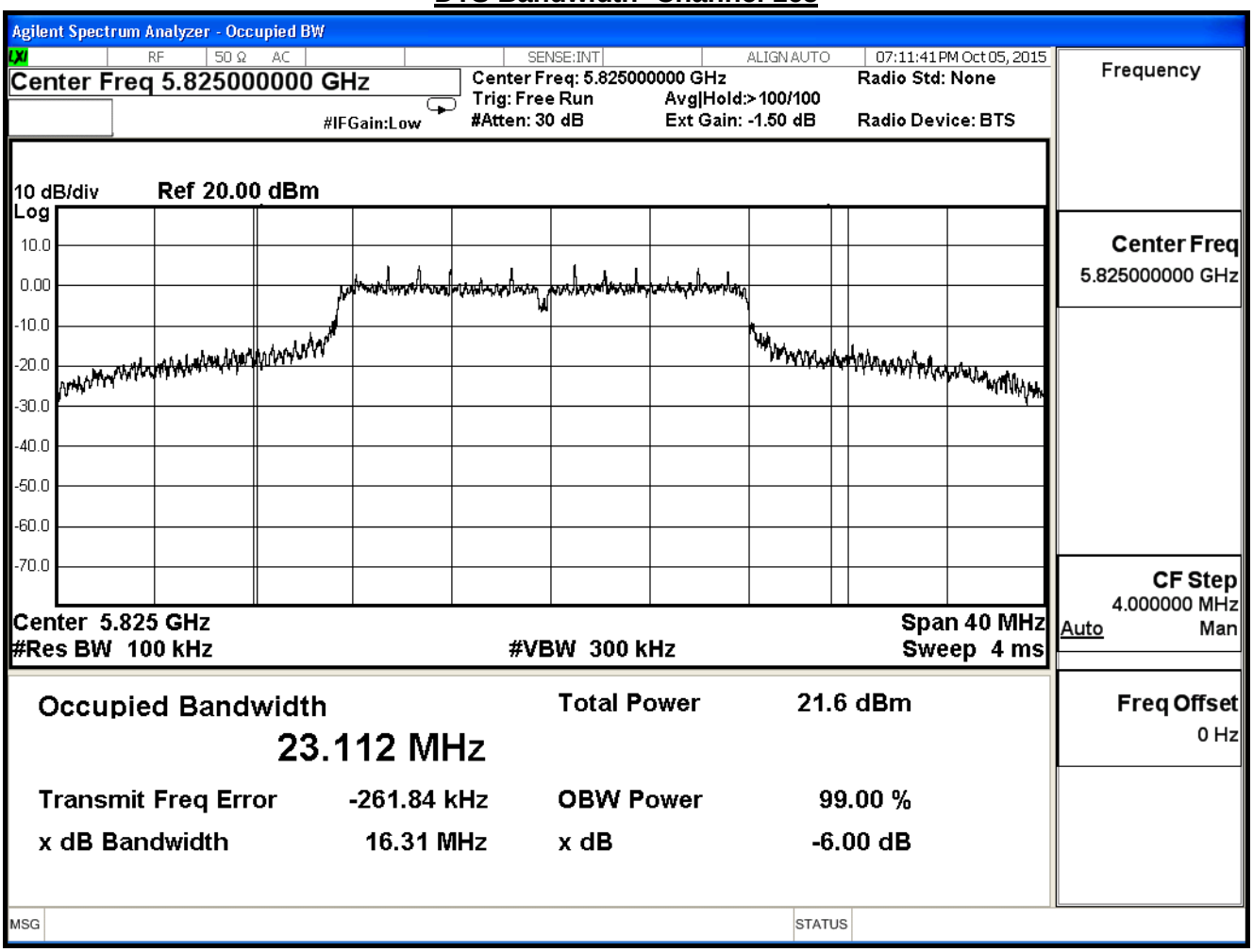
DTS Bandwidth- Channel 149



DTS Bandwidth- Channel 157



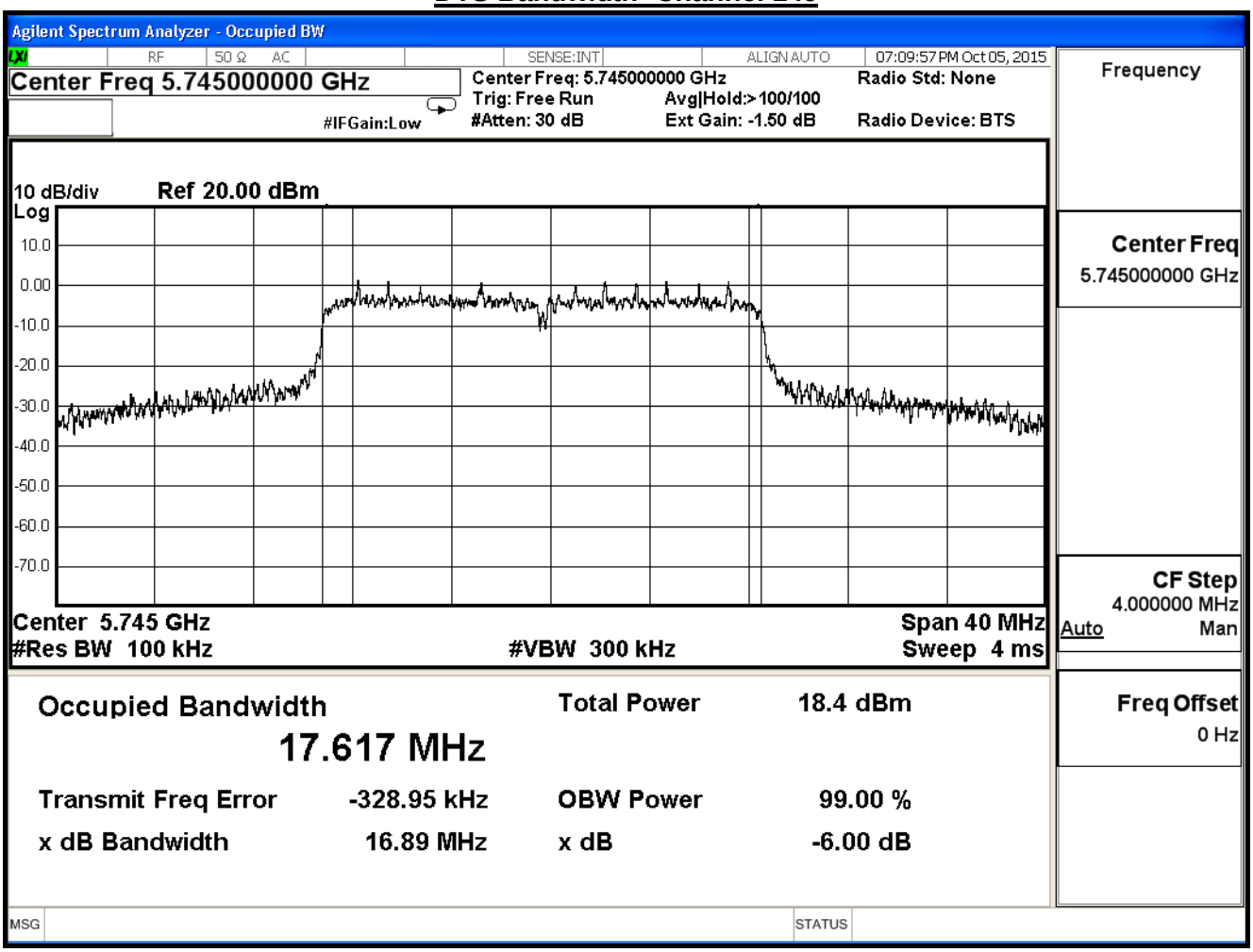
DTS Bandwidth- Channel 165



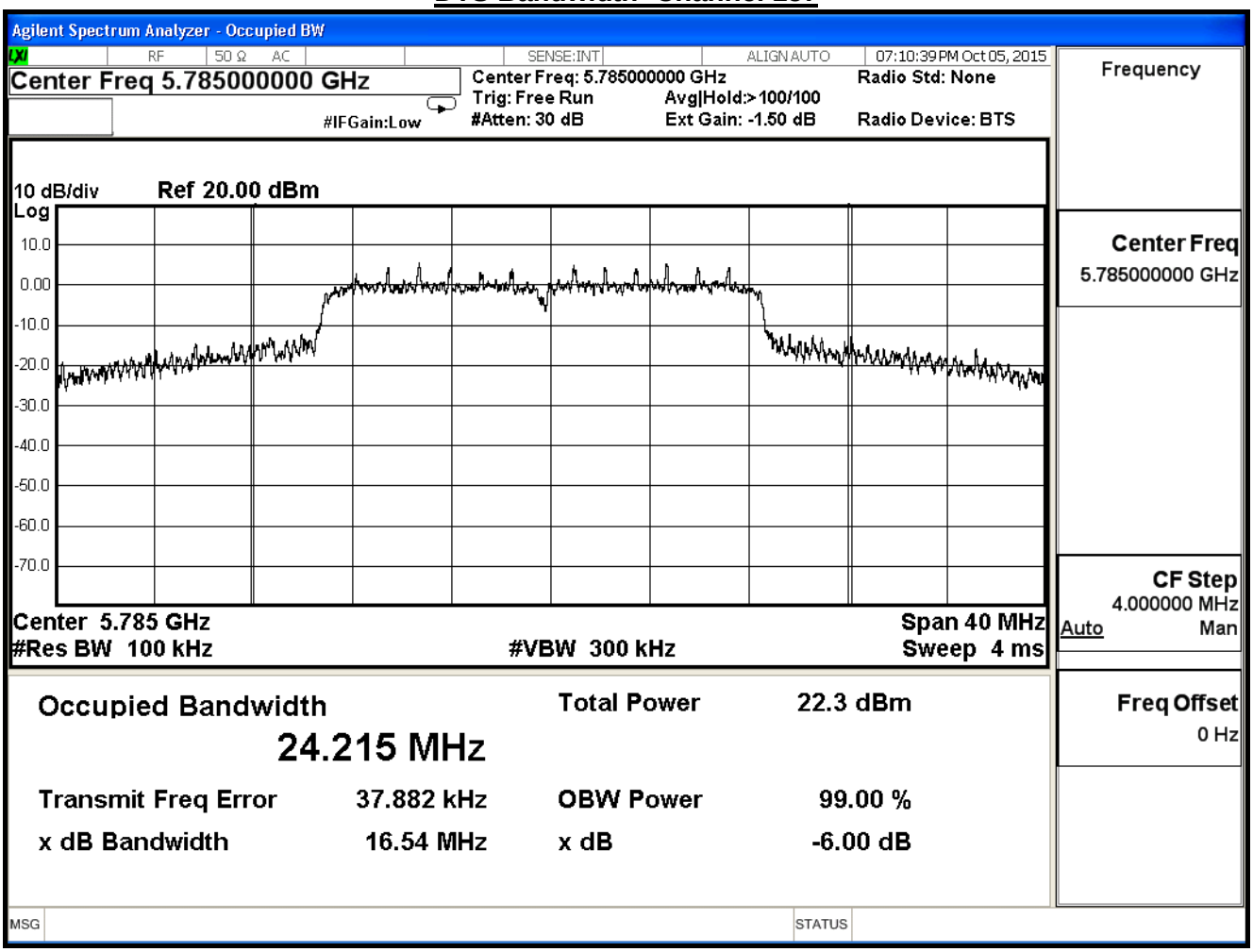
Product	Mesh WiFi AP		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_20M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	16.890	≧0.5	Pass
157	5785	16.540	≧0.5	Pass
165	5825	16.150	≧0.5	Pass

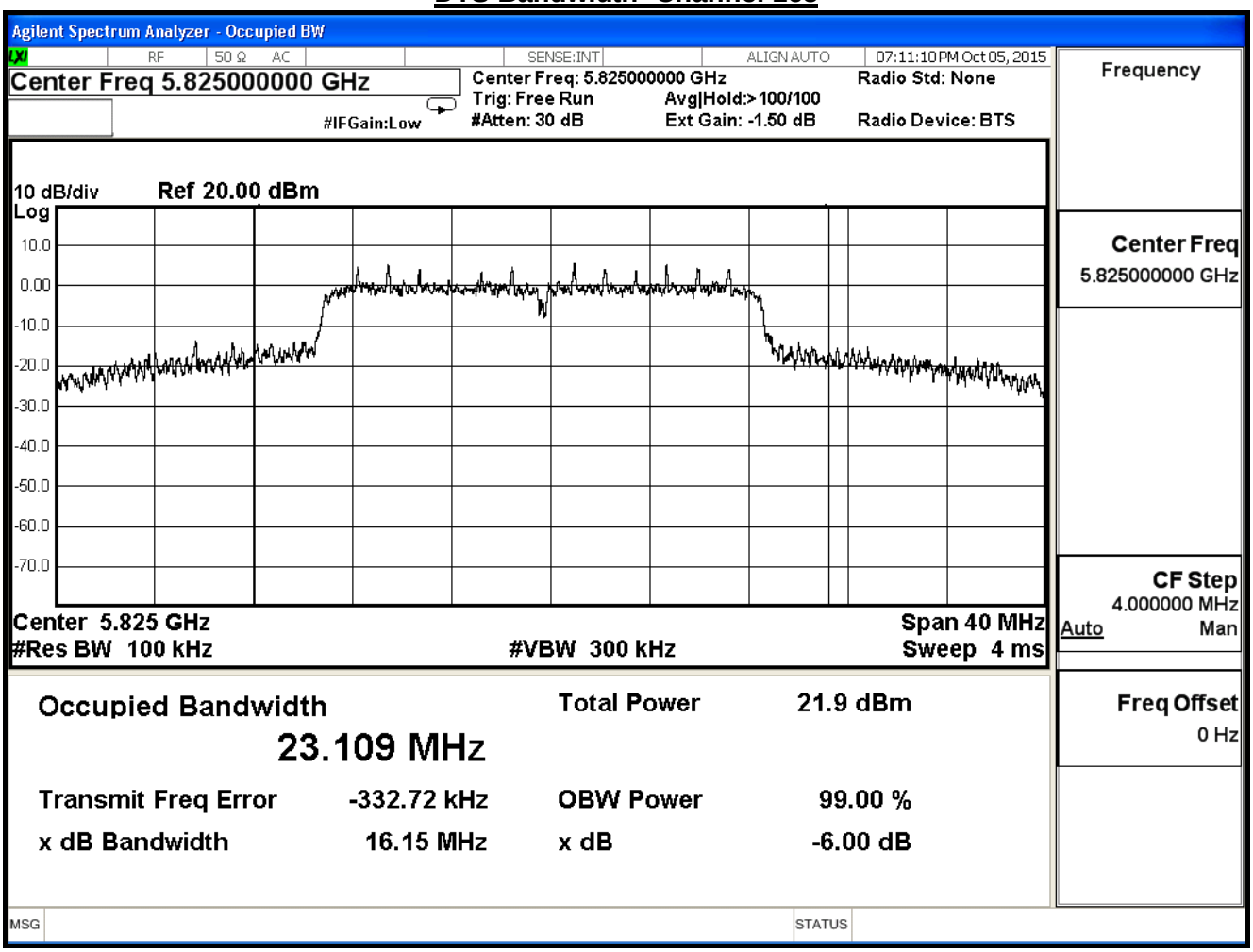
DTS Bandwidth- Channel 149



DTS Bandwidth- Channel 157



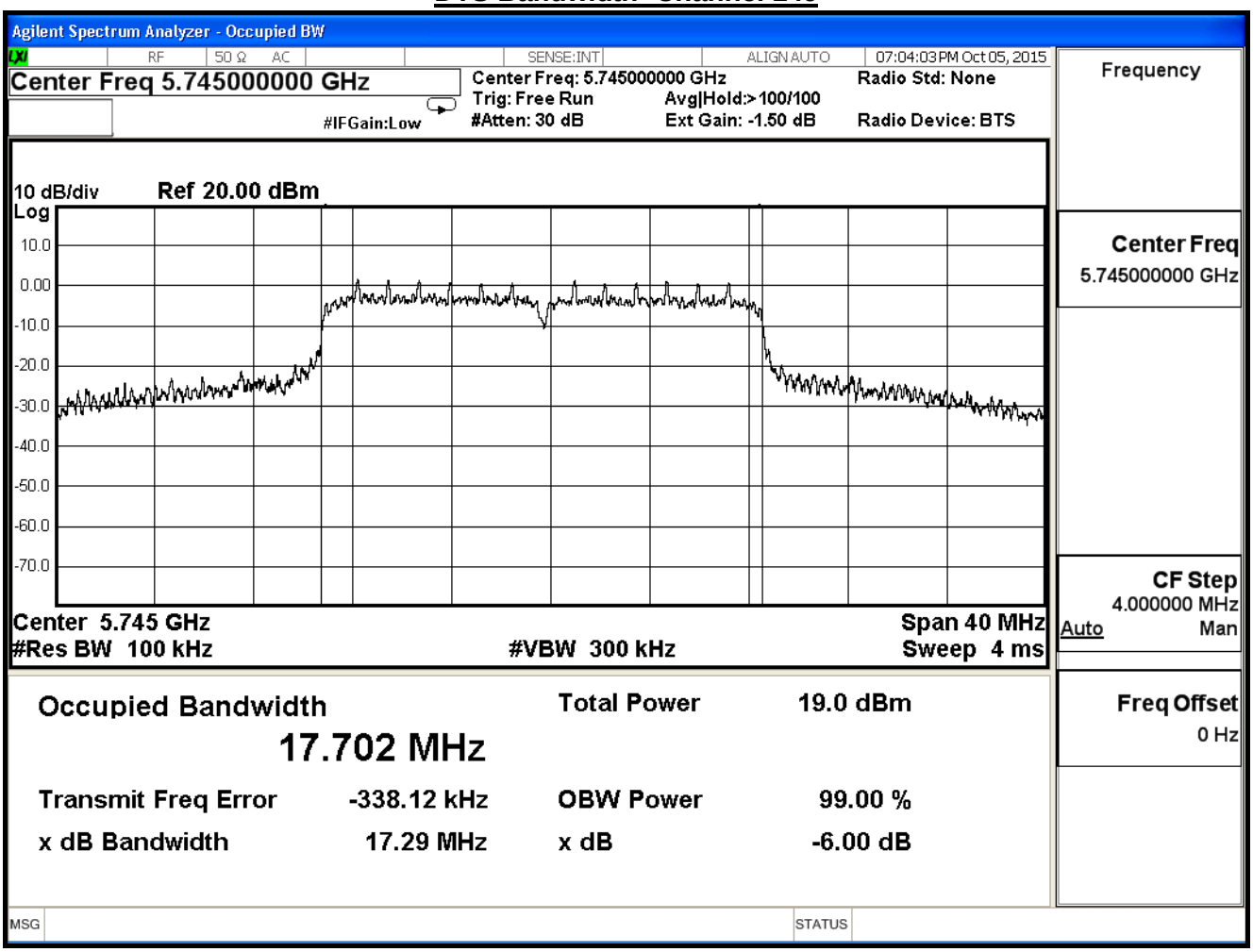
DTS Bandwidth- Channel 165



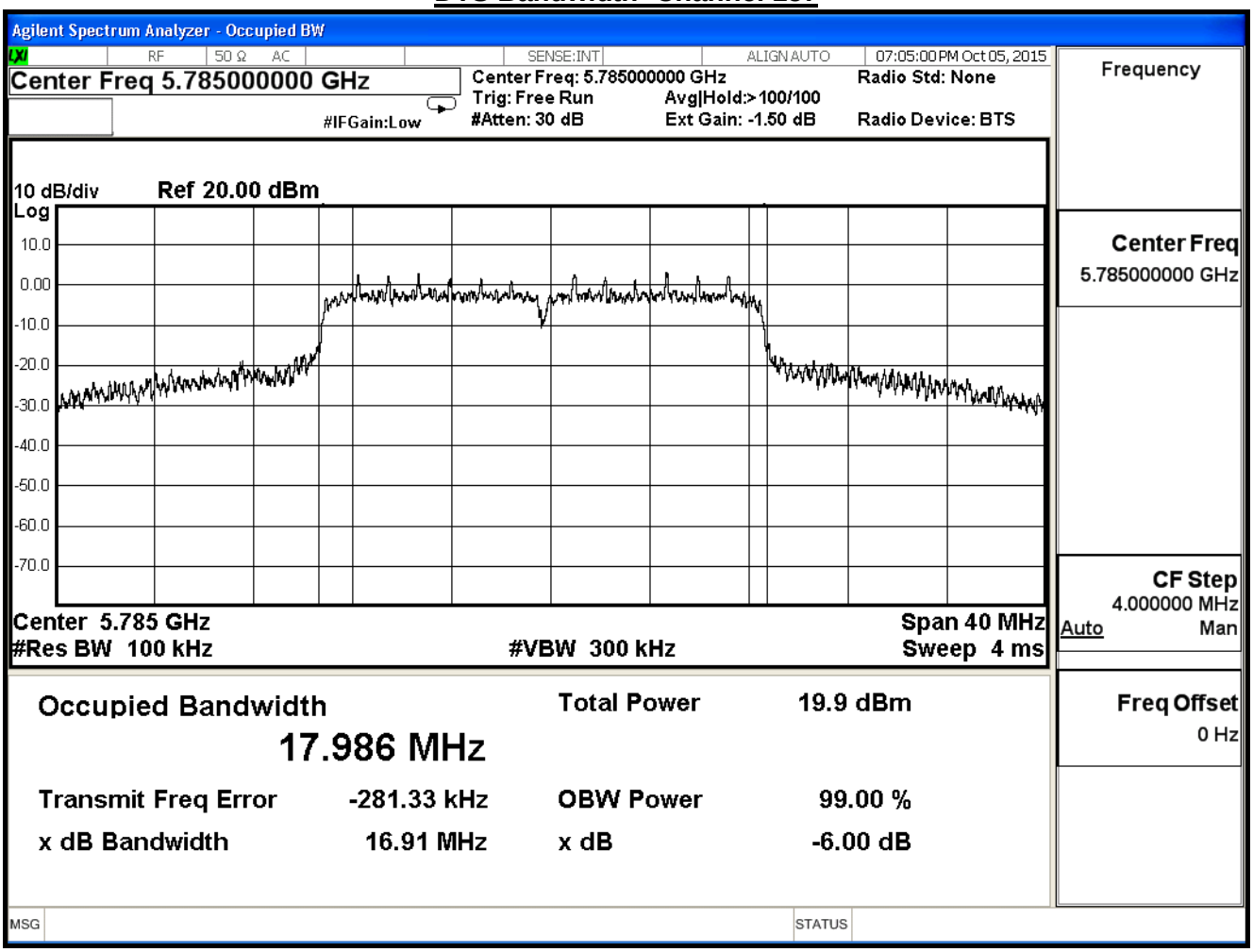
Product	Mesh WiFi AP		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_20M(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
149	5745	17.290	≧0.5	Pass
157	5785	16.910	≧0.5	Pass
165	5825	17.270	≧0.5	Pass

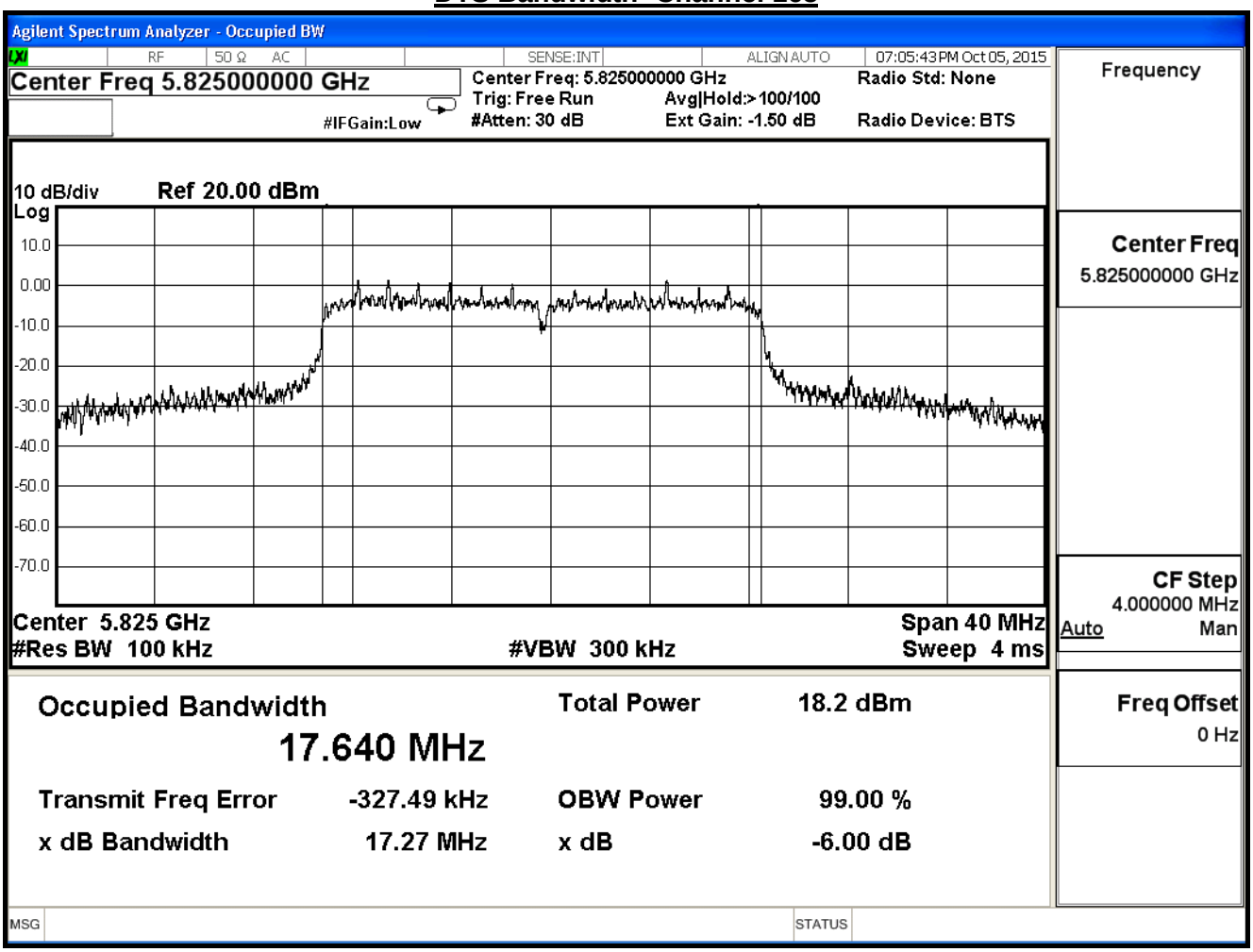
DTS Bandwidth- Channel 149



DTS Bandwidth- Channel 157



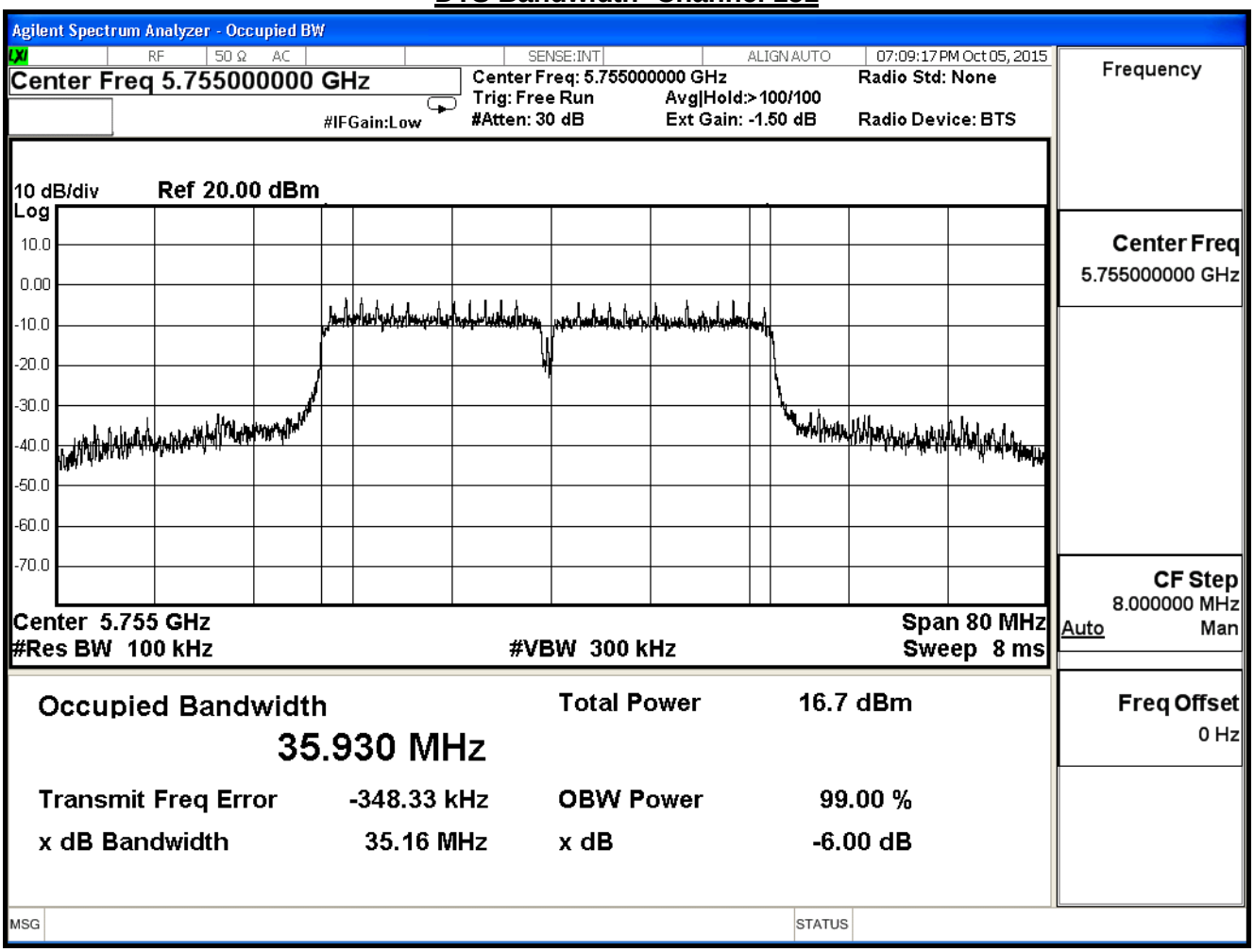
DTS Bandwidth- Channel 165



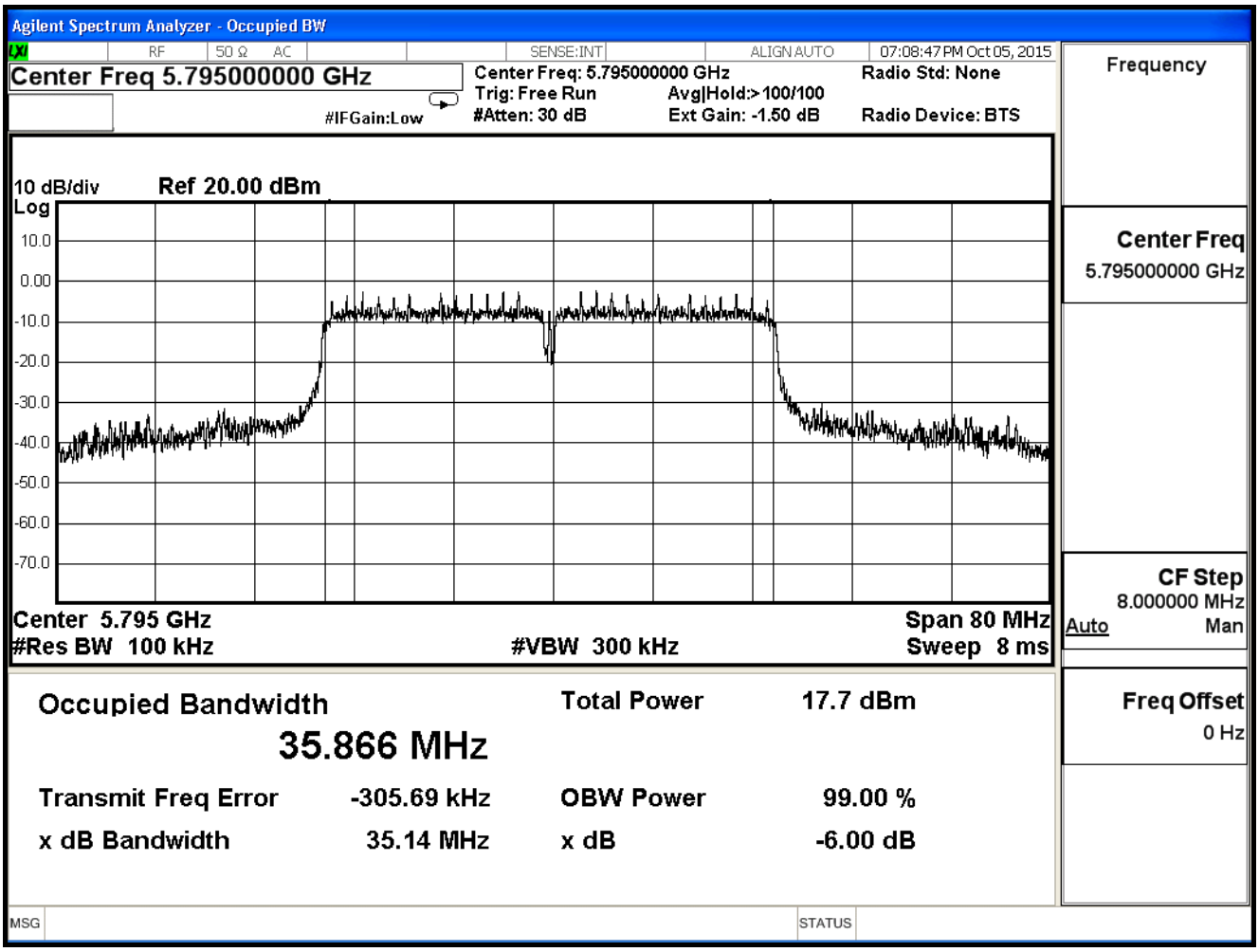
Product	Mesh WiFi AP		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_40M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	35.160	≧0.5	Pass
159	5795	35.140	≧0.5	Pass

DTS Bandwidth- Channel 151



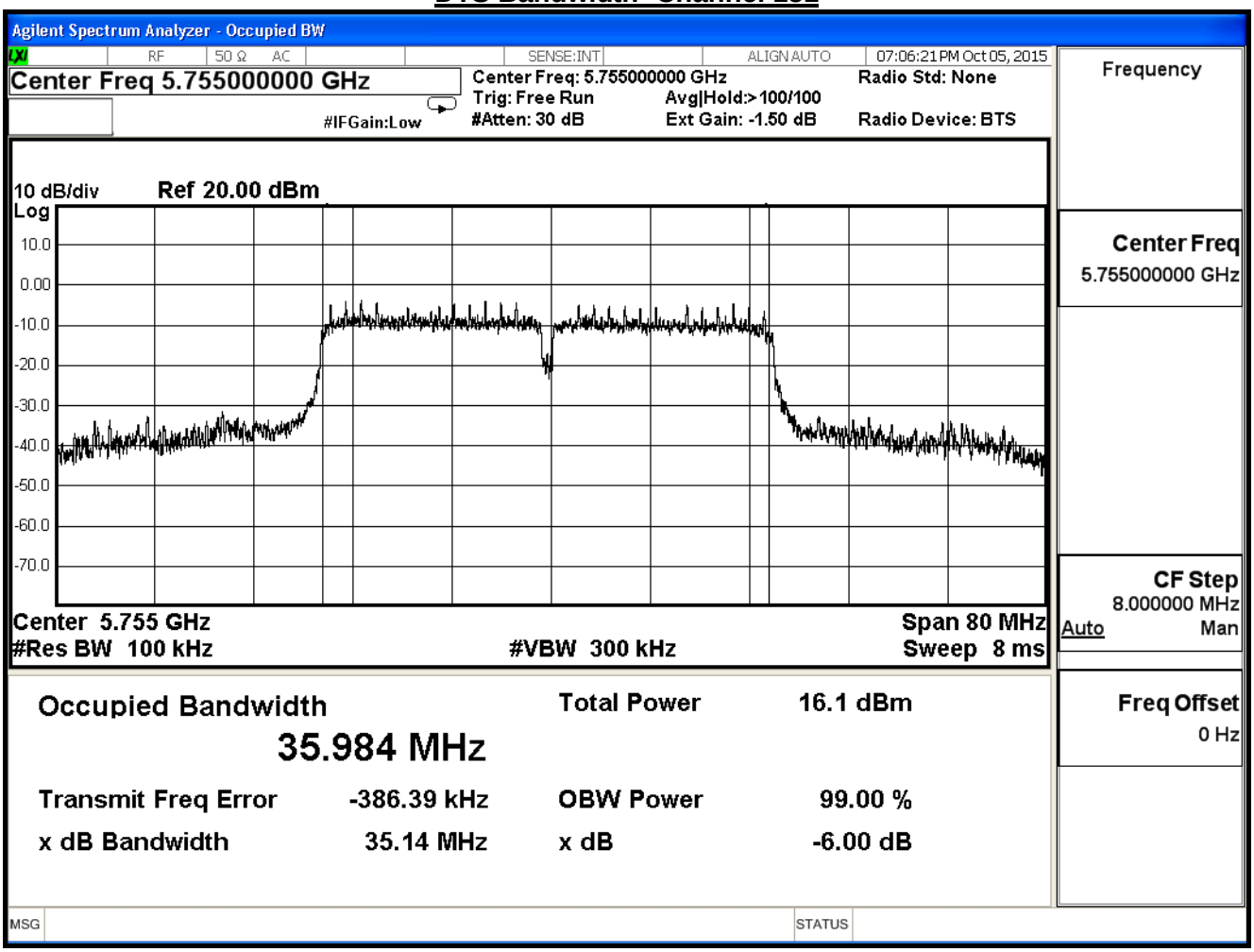
DTS Bandwidth- Channel 159



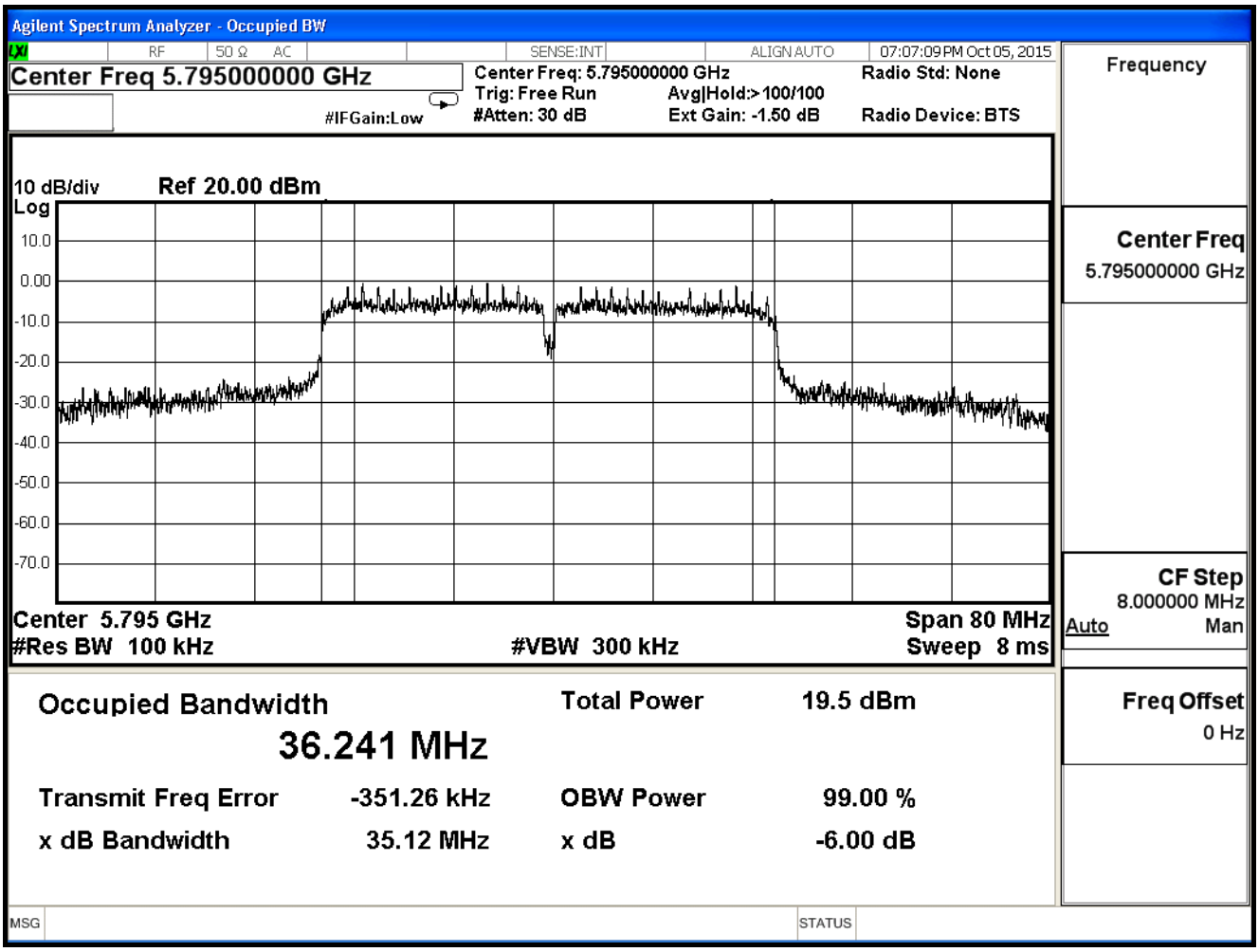
Product	Mesh WiFi AP		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_40M(ANT 1)				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
151	5755	35.140	≧0.5	Pass
159	5795	35.120	≧0.5	Pass

DTS Bandwidth- Channel 151



DTS Bandwidth- Channel 159



4. Peak Transmit Output

4.1. Test Equipment

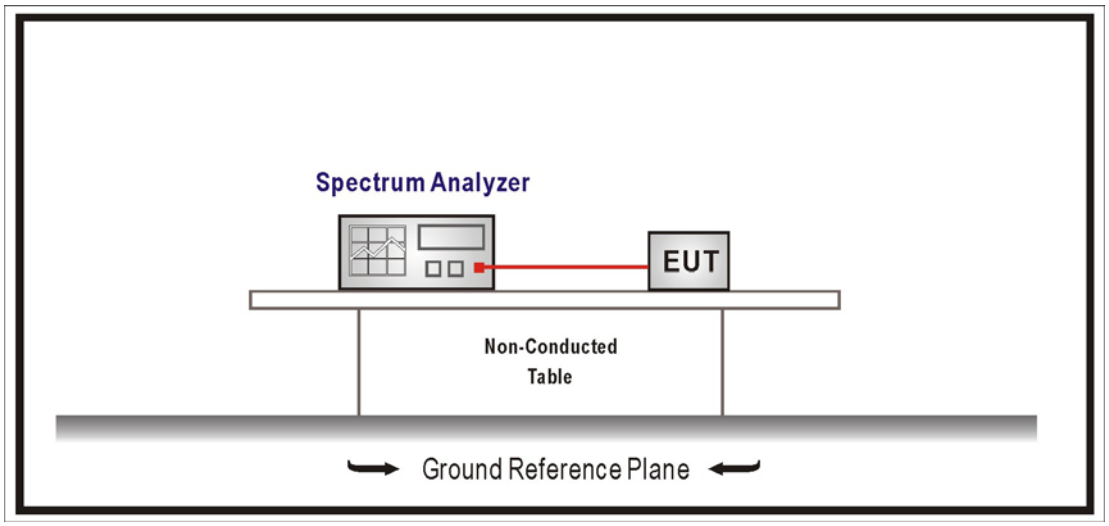
The following test equipments are used during the radiated emission tests:

Peak Transmit Output / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2016/07/13

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

4.2. Test Setup



4.3. Limits

(1) For the band 5.15–5.25 GHz.

(i) For an outdoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point to-point U–NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omni directional applications, and multiple collocated transmitters transmitting the same information. The operator of the U–NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U–NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omni directional applications, and multiple collocated transmitters transmitting the same information. The operator of the U–NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

4.4. Test Procedure

The EUT was setup to ANSI C63.10; tested to U-NII test procedure of KDB 789033 and KDB 644545 for compliance to FCC 47CFR Subpart E requirements. The Method SA-1 of the Maximum conducted output power was used.

Set RBW=1MHz, VBW=3MHz with RMS detector and trace average 100 traces in power averaging mode. Set span to encompass the entire emission bandwidth (EBW) of the signal. Compute power by integrating the spectrum across the 26 dB EBW of the signal.

4.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB

4.6. Test Result

Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

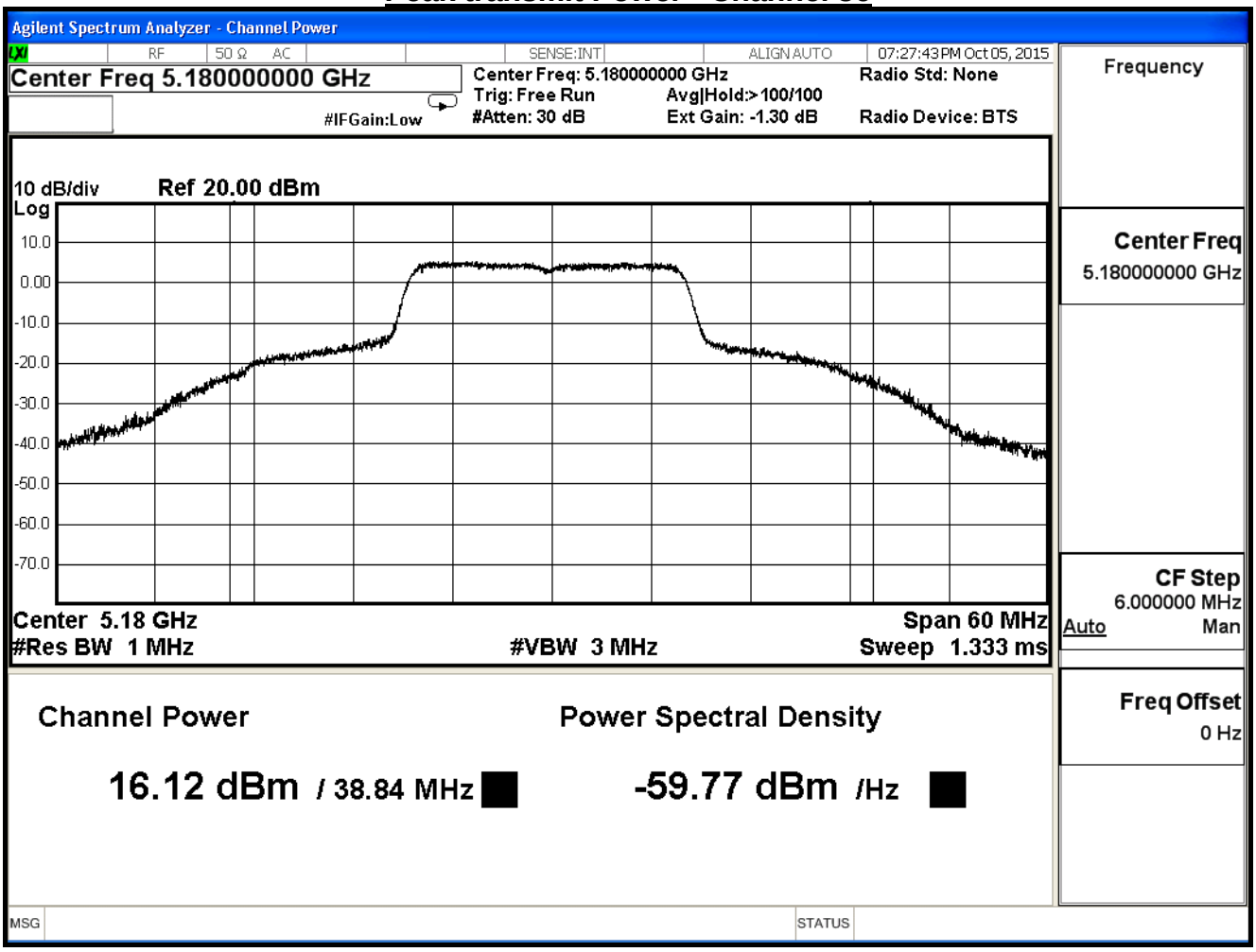
IEEE 802.11a_ANT 0

Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
36	5180	38.840	16.120	≤30	Pass
44	5220	45.540	18.240	≤30	Pass
48	5240	45.470	17.950	≤30	Pass

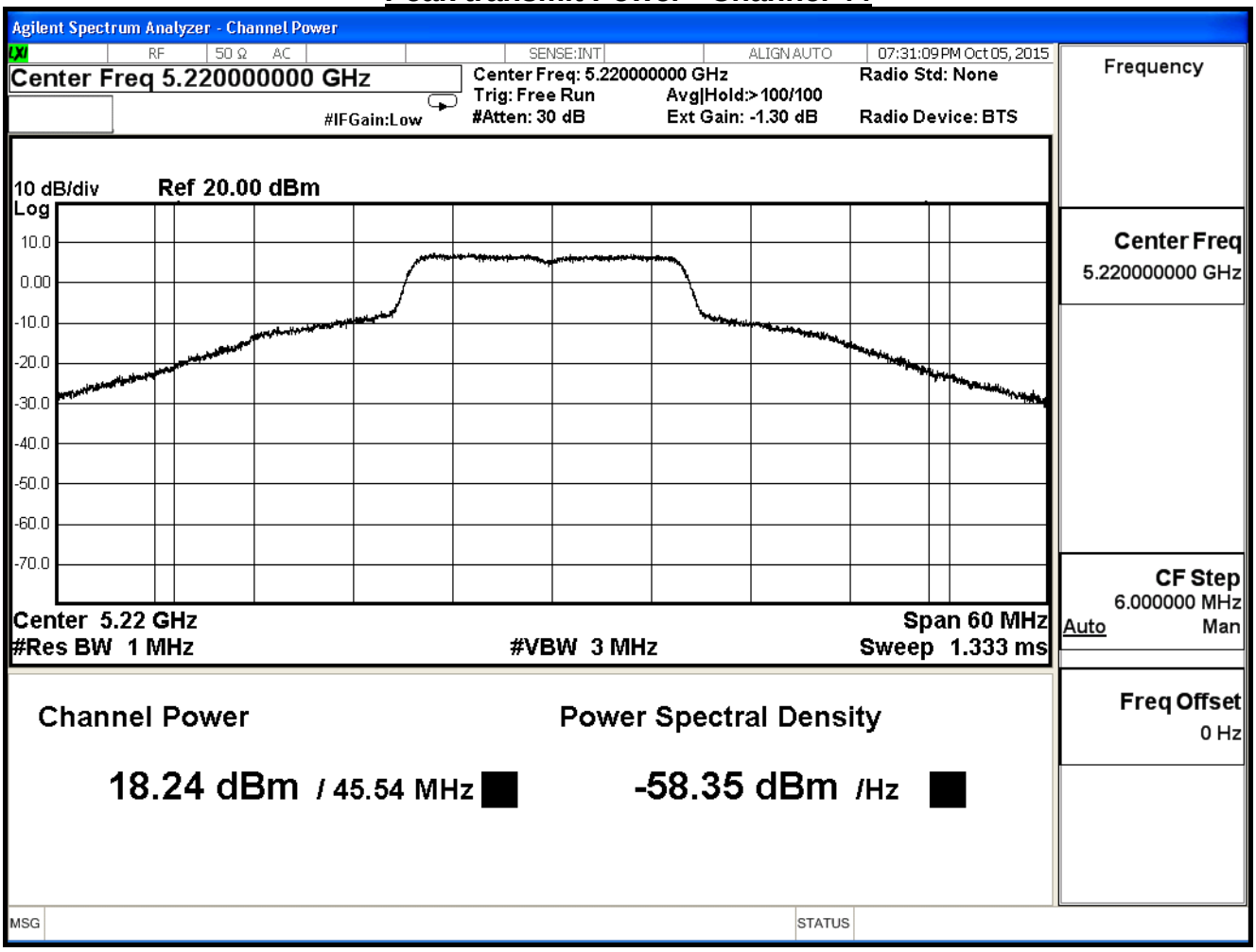
The worst emission of data rate is 6Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
36	5180	16.12	--	--	--	--	--	--	≦30 dBm
44	5220	18.24	18.04	17.94	17.84	17.72	17.48	17.36	
48	5240	17.95	--	--	--	--	--	--	

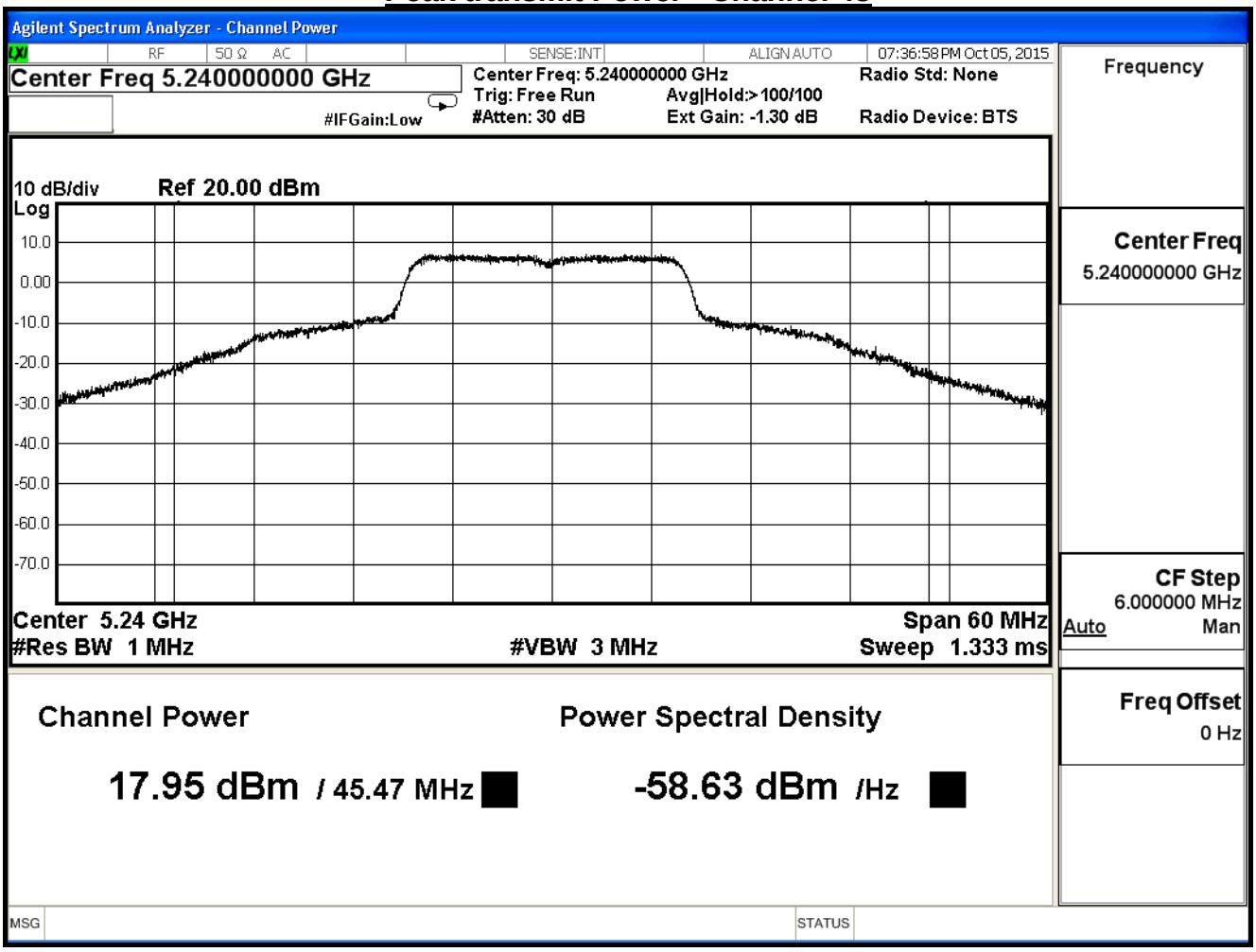
Peak transmit Power - Channel 36



Peak transmit Power - Channel 44



Peak transmit Power - Channel 48



Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n(20MHz)_ANT 0

Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
36	5180	42.560	15.760	≤26.99	Pass
44	5220	49.420	17.780	≤26.99	Pass
48	5240	47.860	17.570	≤26.99	Pass

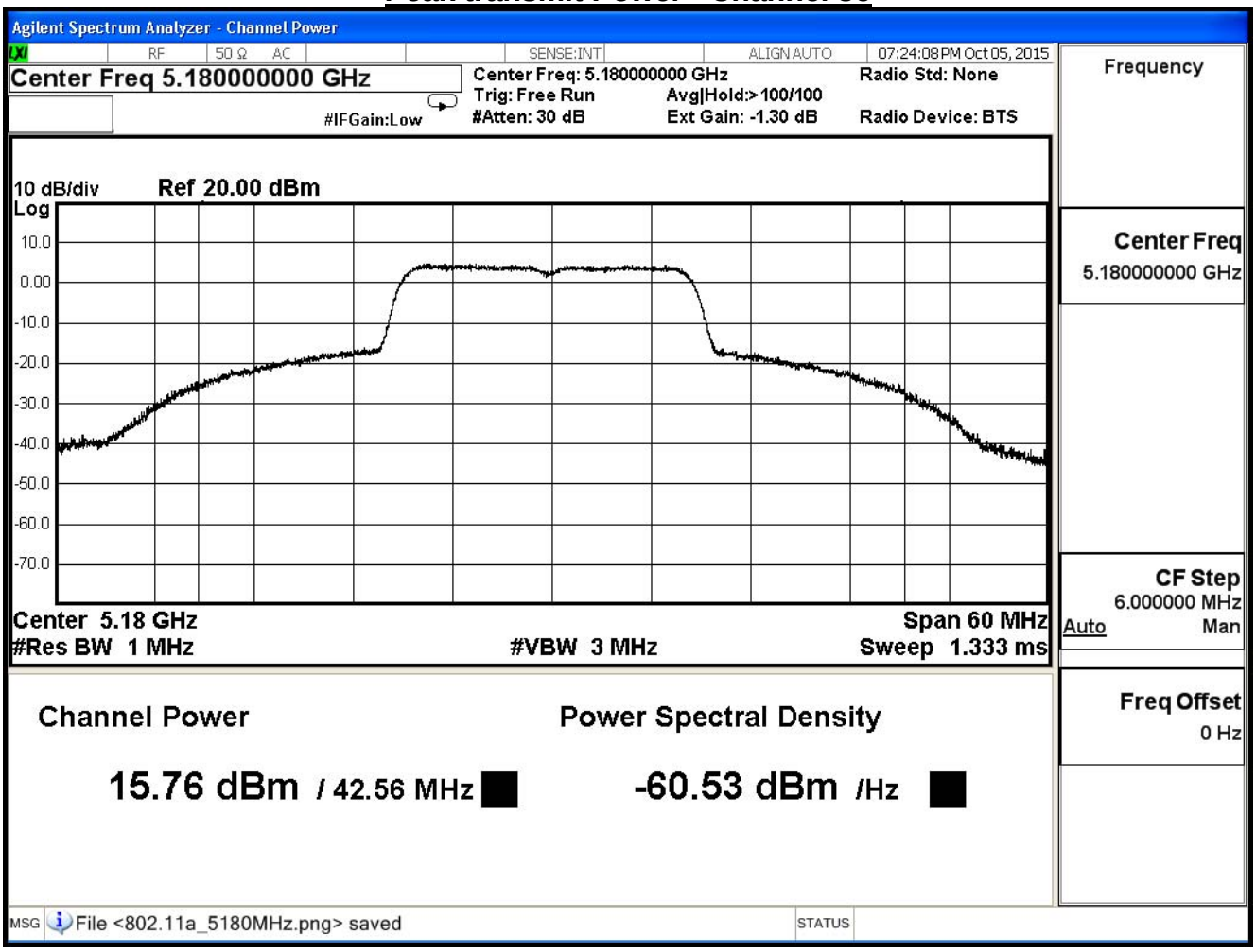
The worst emission of data rate is 13 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
36	5180	15.76	--	--	--	--	--	--	--	≦26.99dBm
44	5220	17.78	17.68	17.48	17.28	17.18	16.94	16.70	16.58	
48	5240	17.57	--	--	--	--	--	--	--	

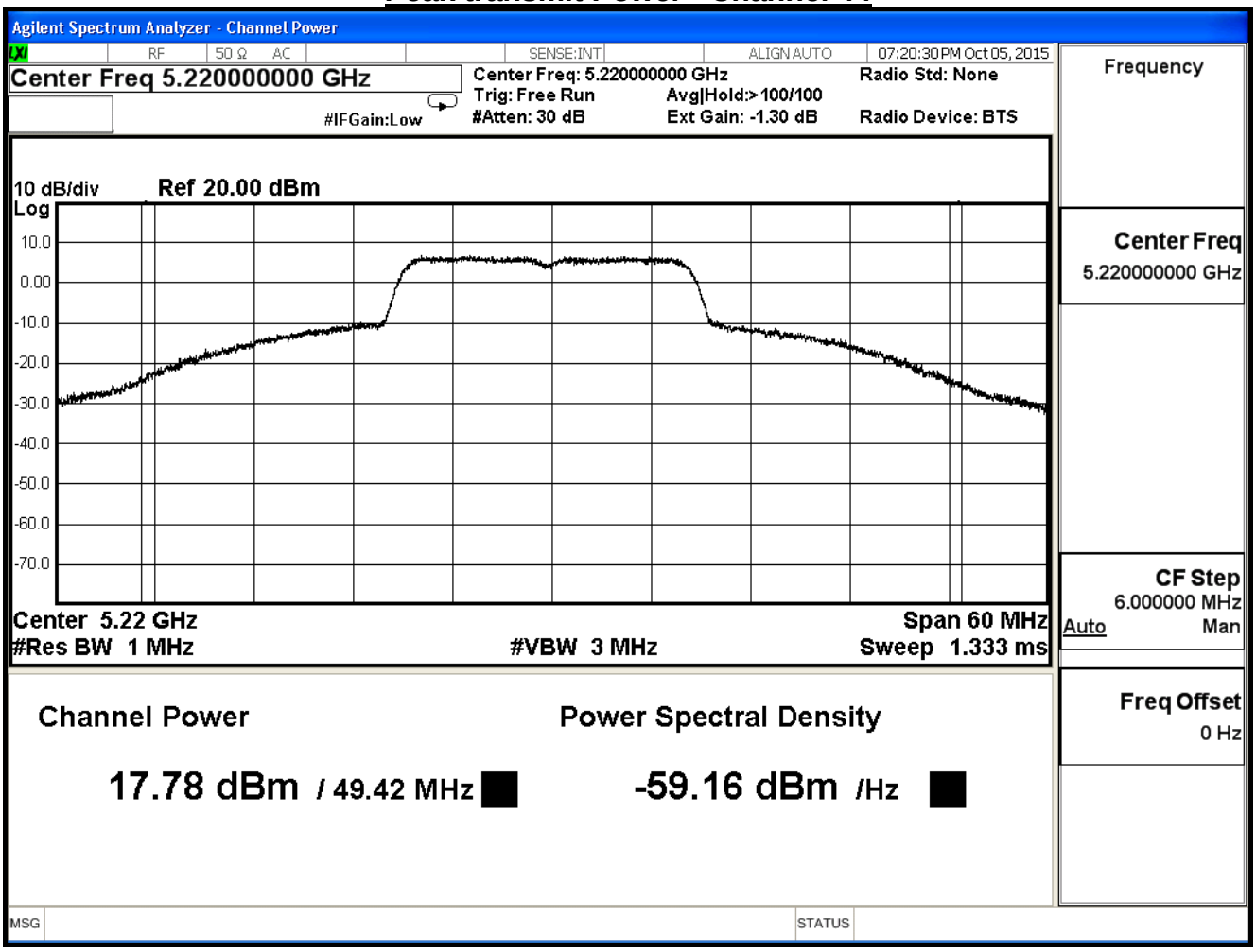
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

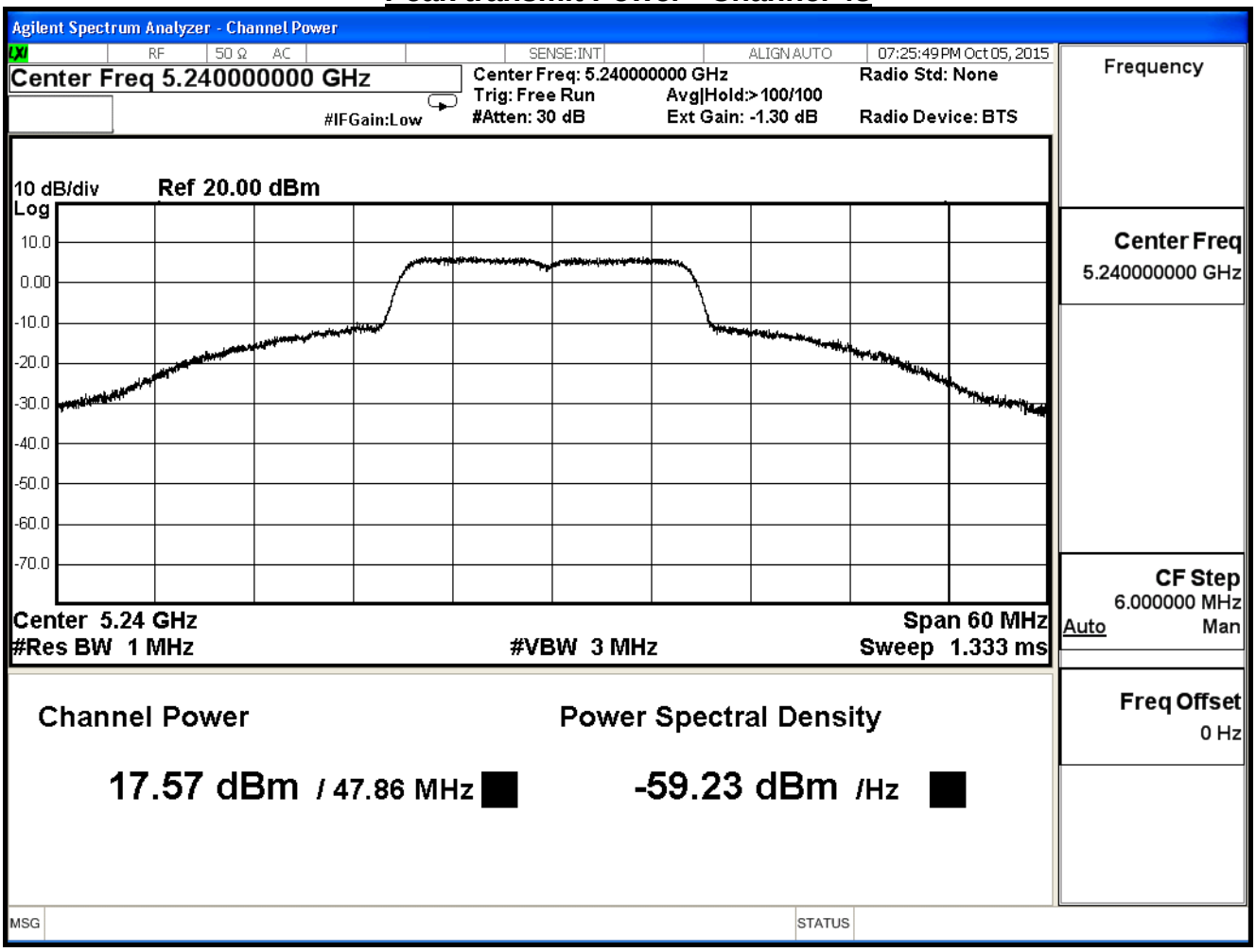
Peak transmit Power - Channel 36



Peak transmit Power - Channel 44



Peak transmit Power - Channel 48



Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n(20MHz)_ANT 1

Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
36	5180	40.130	15.190	≤26.99	Pass
44	5220	43.340	16.400	≤26.99	Pass
48	5240	44.720	16.300	≤26.99	Pass

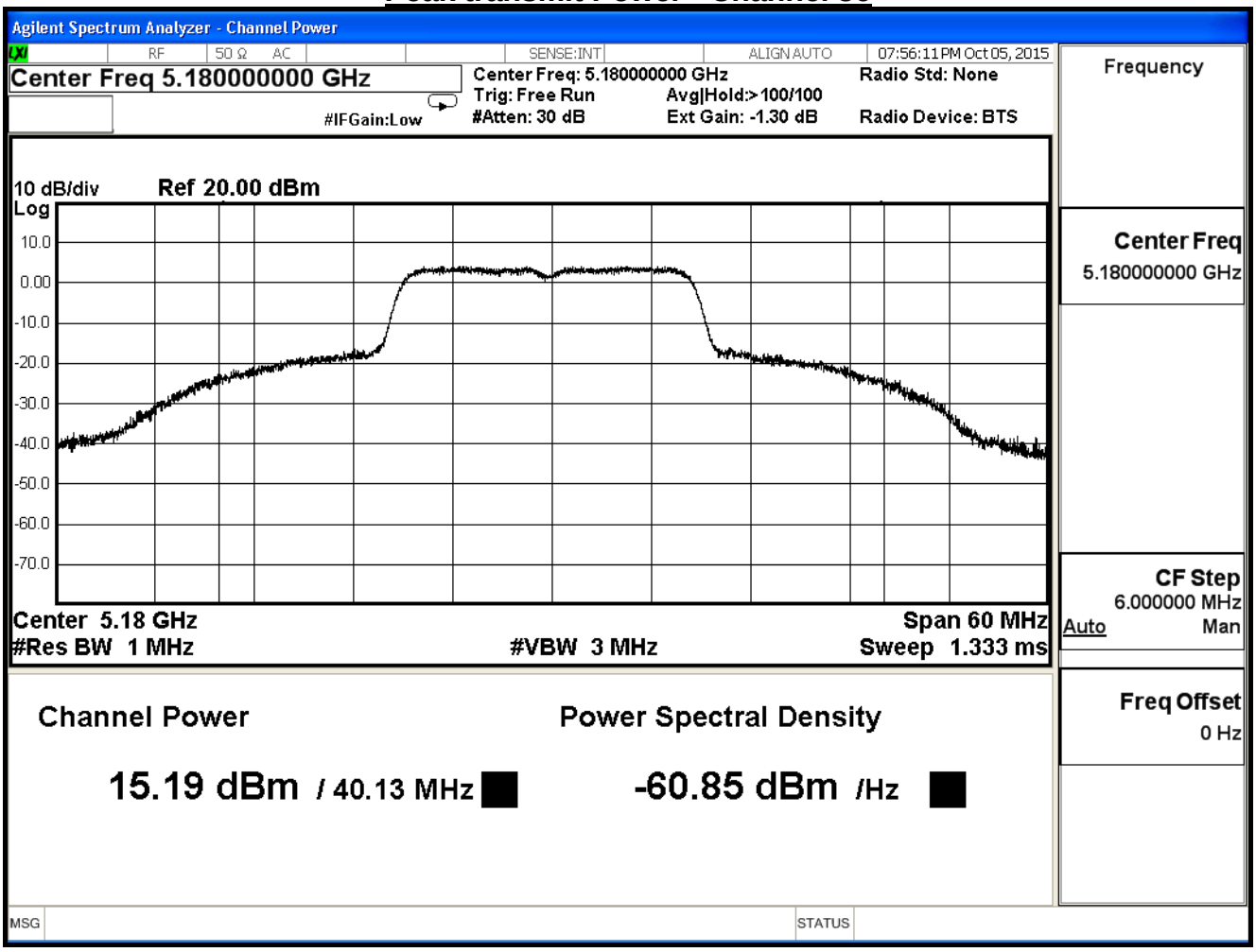
The worst emission of data rate is13 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
36	5180	15.19	--	--	--	--	--	--	--	≦26.99dBm
44	5220	16.40	16.20	16.00	15.90	15.80	15.68	15.44	15.32	
48	5240	16.30	--	--	--	--	--	--	--	

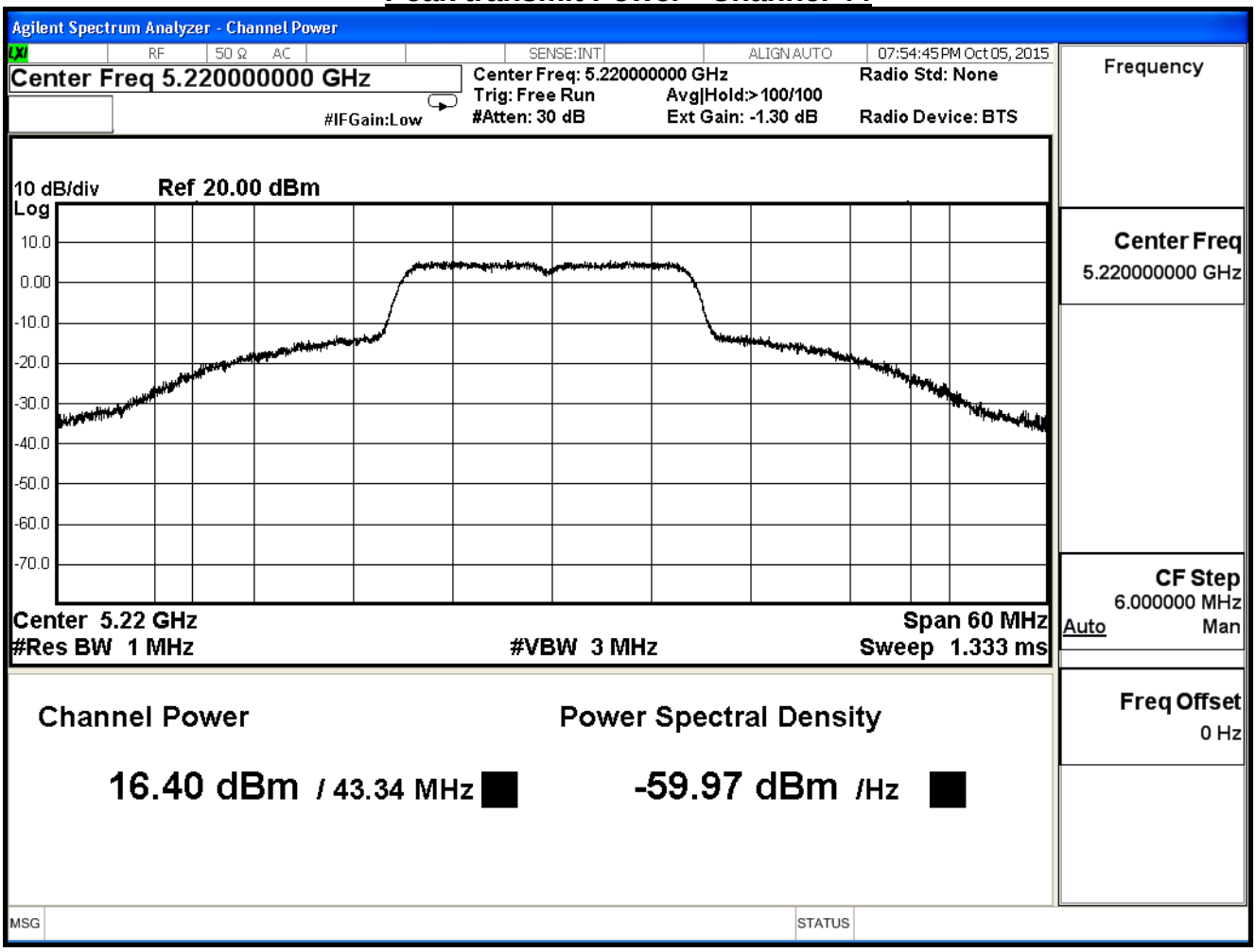
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

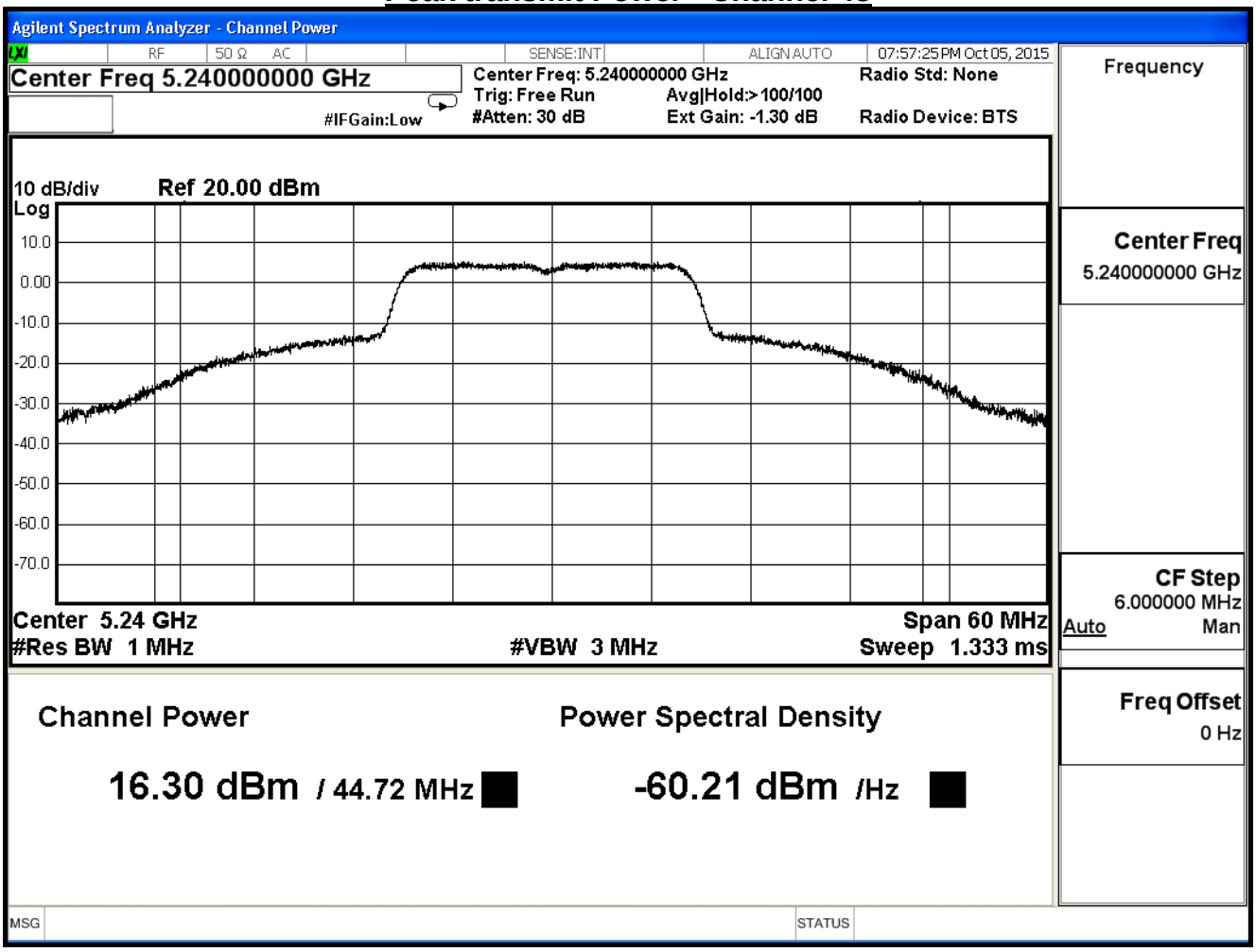
Peak transmit Power - Channel 36



Peak transmit Power - Channel 44



Peak transmit Power - Channel 48



Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n(20MHz)_ANT 0+1

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
36	5180	18.495	≤26.99	Pass
44	5220	20.155	≤26.99	Pass
48	5240	19.992	≤26.99	Pass

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
36	5180	18.49	--	--	--	--	--	--	--	≦26.99dBm
44	5220	20.15	20.01	19.81	19.65	19.55	19.37	19.13	19.01	
48	5240	19.99	--	--	--	--	--	--	--	

Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/12	Test Site	SR7

IEEE 802.11n(40MHz)_ANT 0

Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
38	5190	48.060	8.390	≤26.99	Pass
46	5230	98.850	17.650	≤26.99	Pass

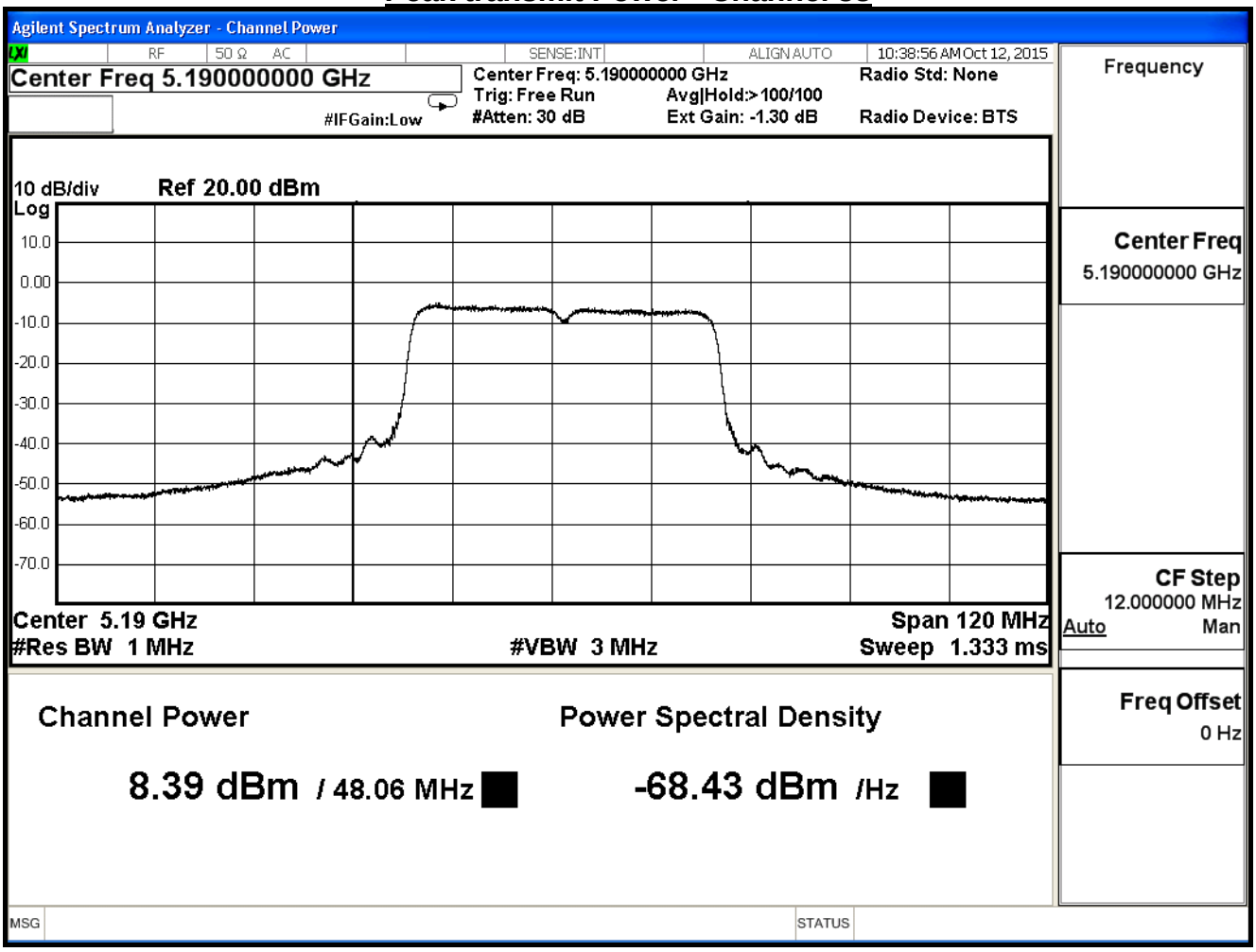
The worst emission of data rate is 27 Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
38	5190	8.39	--	--	--	--	--	--	--	≦26.99dBm
46	5230	17.65	17.55	17.35	17.15	17.05	16.81	16.57	16.33	

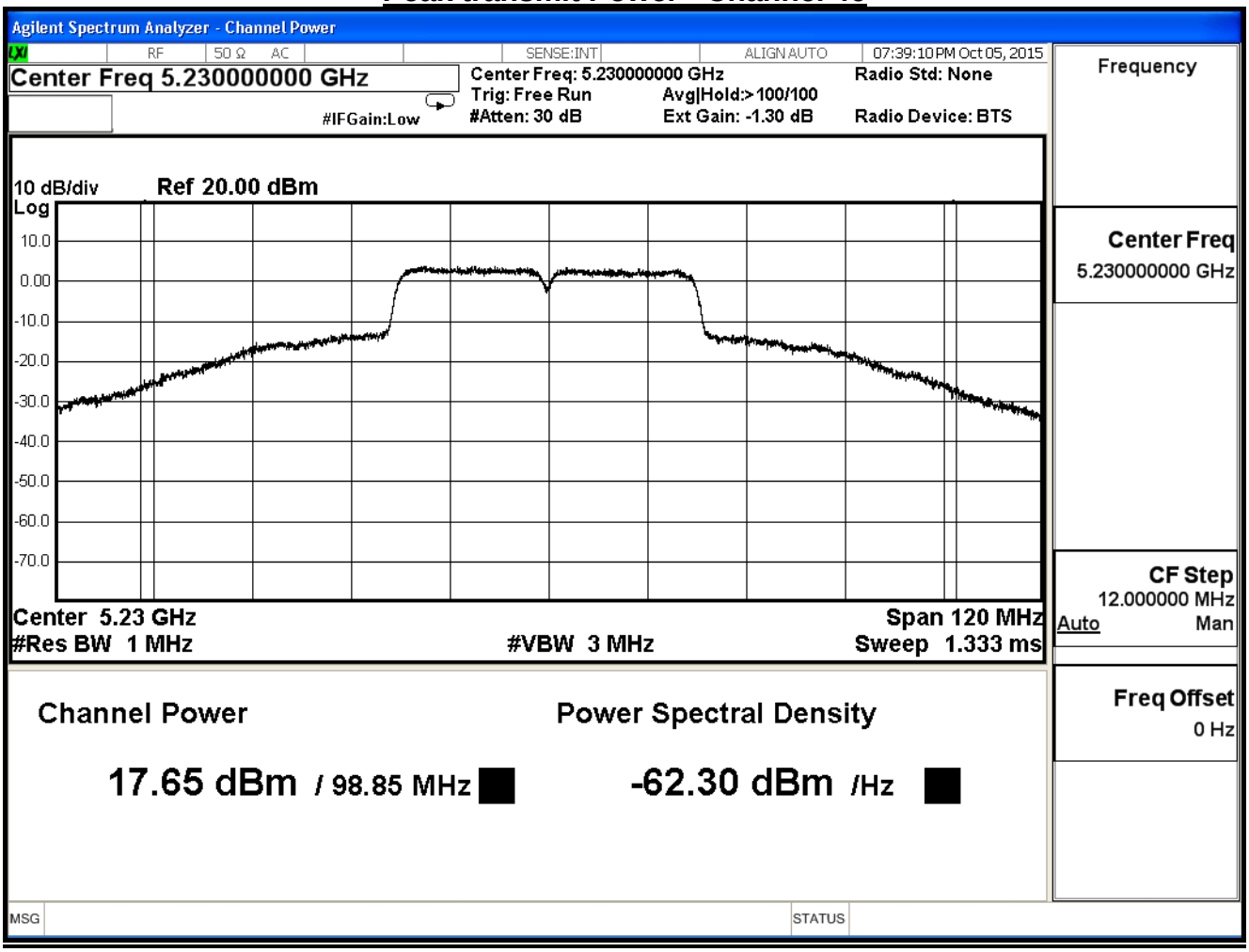
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

Peak transmit Power - Channel 38



Peak transmit Power - Channel 46



Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n(40MHz)_ANT 1

Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
38	5190	40.040	6.070	≤26.99	Pass
46	5230	52.000	12.840	≤26.99	Pass

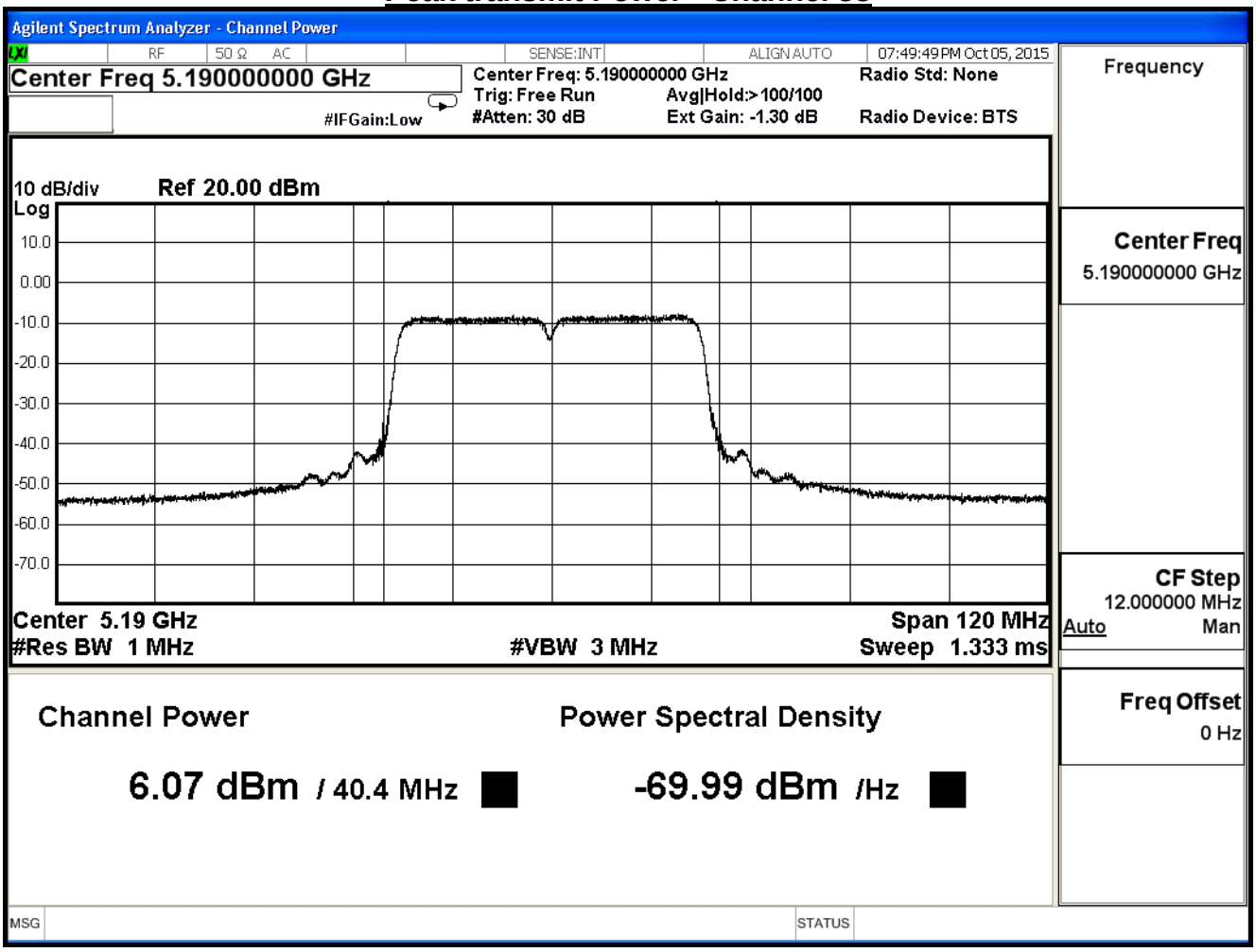
The worst emission of data rate is 27 Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
38	5190	6.07	--	--	--	--	--	--	--	≦26.99dBm
46	5230	12.84	12.74	12.64	12.54	12.34	12.10	11.86	11.74	

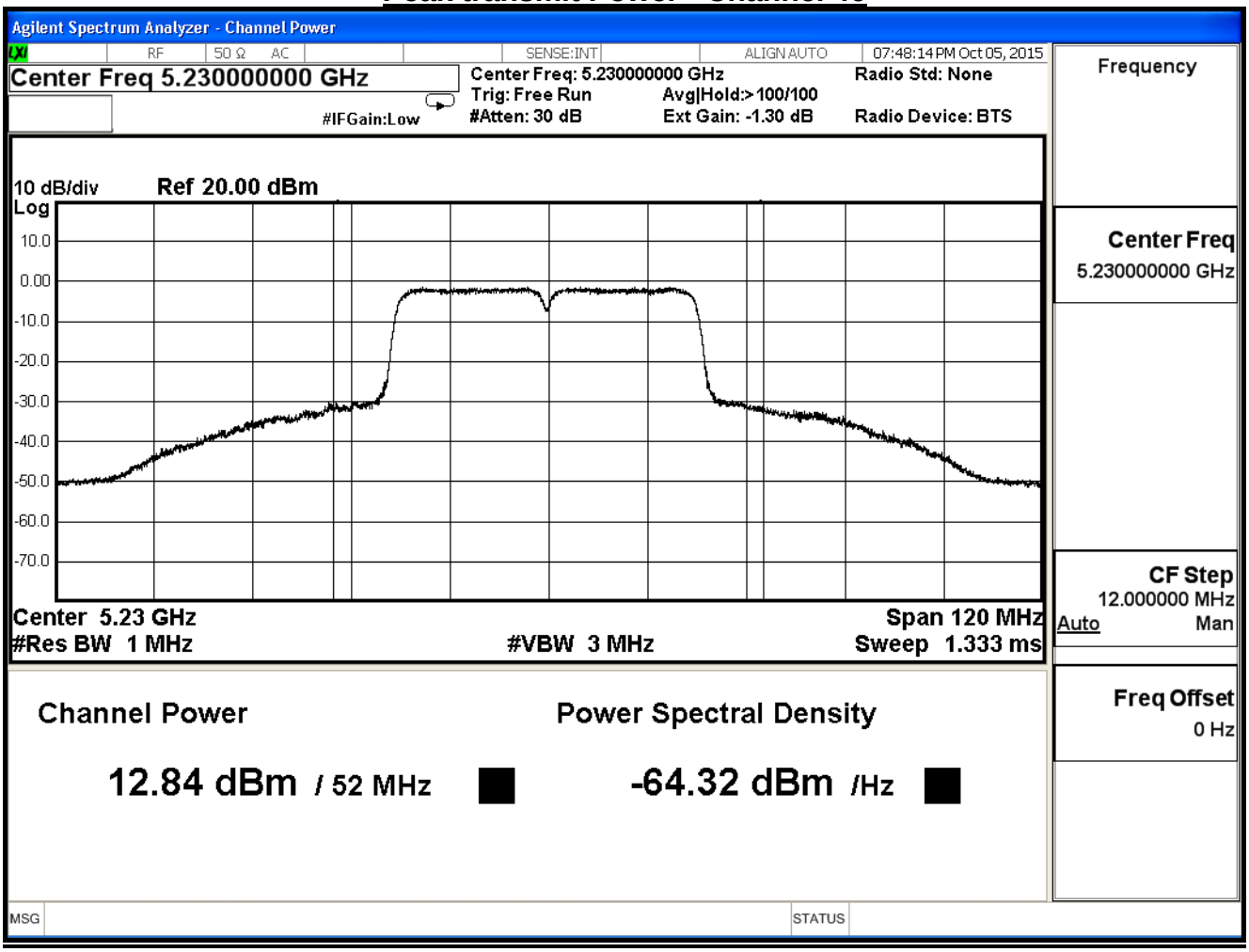
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

Peak transmit Power - Channel 38



Peak transmit Power - Channel 46



Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/12	Test Site	SR7

IEEE 802.11n(40MHz)_ANT 0+1

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
38	5190	10.390	≤26.99	Pass
46	5230	18.890	≤26.99	Pass

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
38	5190	10.39	--	--	--	--	--	--	--	≦26.99dBm
46	5230	18.89	18.79	18.61	18.44	18.34	18.10	17.89	17.68	

Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

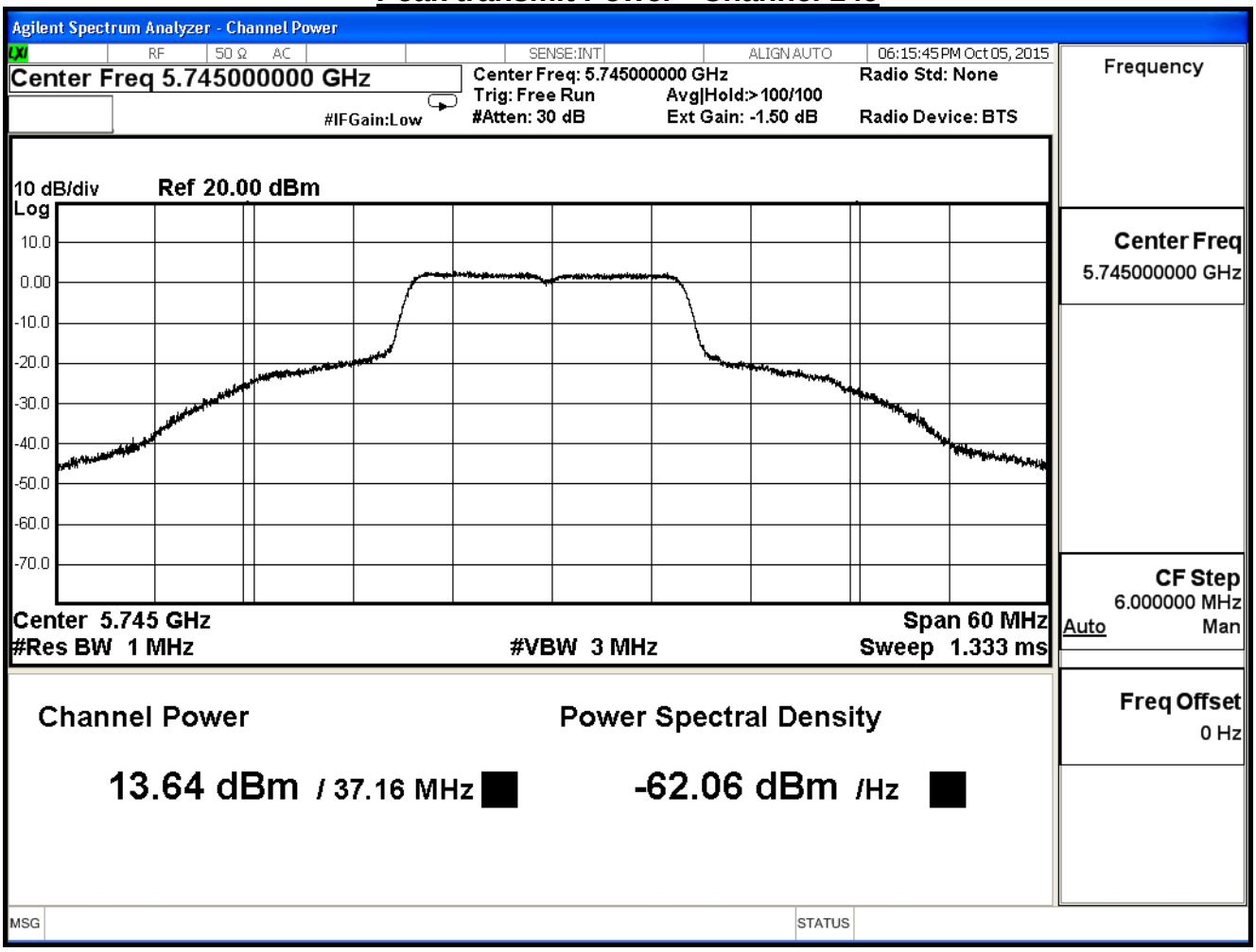
IEEE 802.11a_ANT 0

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
149	5745	13.640	≤30	Pass
157	5785	16.140	≤30	Pass
165	5825	15.920	≤30	Pass

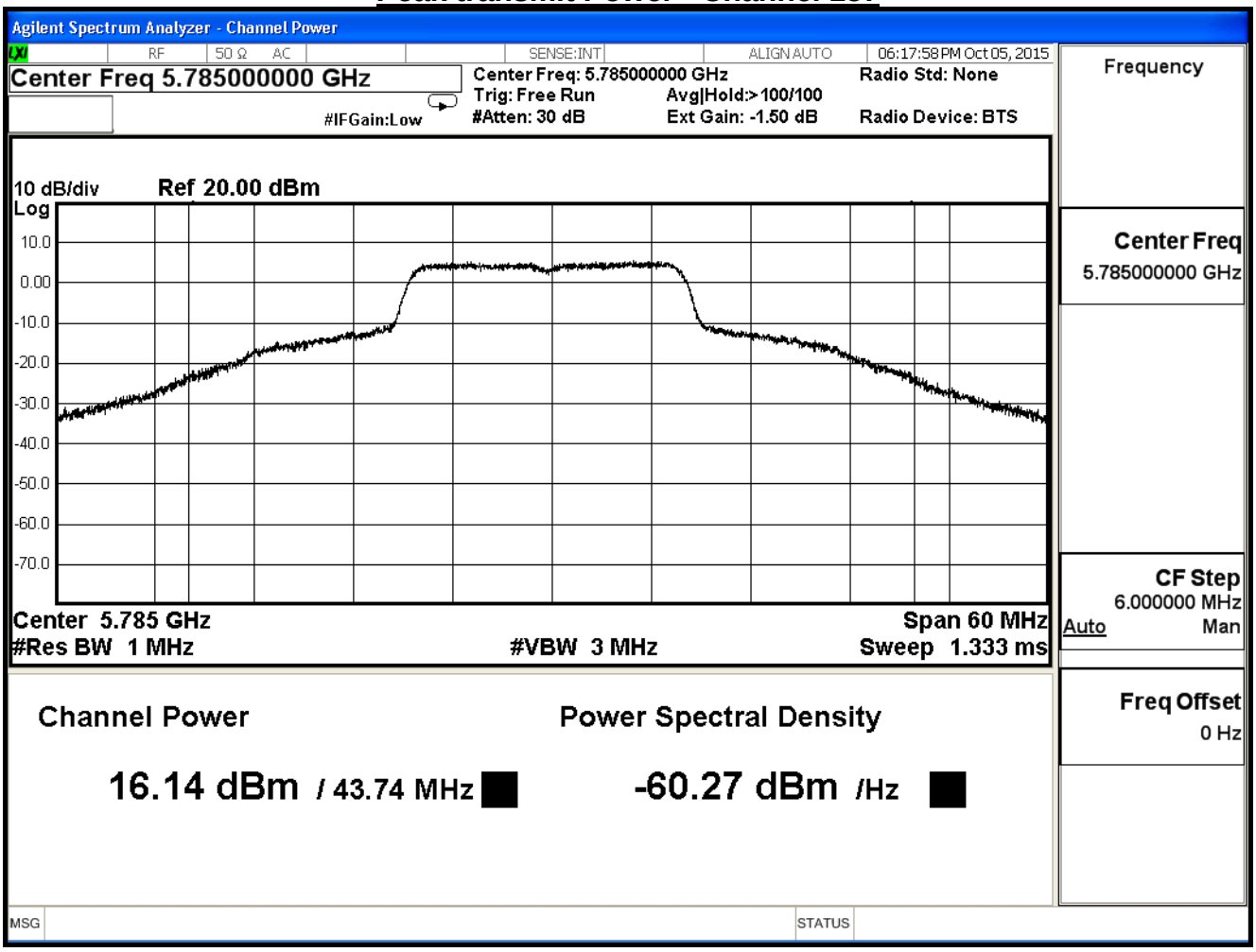
The worst emission of data rate is 6Mbps.

Peak Power Output (dBm)									
Channel No	Frequency (MHz)	Data Rate							Required Limit
		6	12	18	24	36	48	54	
149	5745	13.64	--	--	--	--	--	--	≤30dBm
157	5785	16.14	16.04	15.94	15.74	15.50	15.38	15.14	
165	5825	15.92	--	--	--	--	--	--	

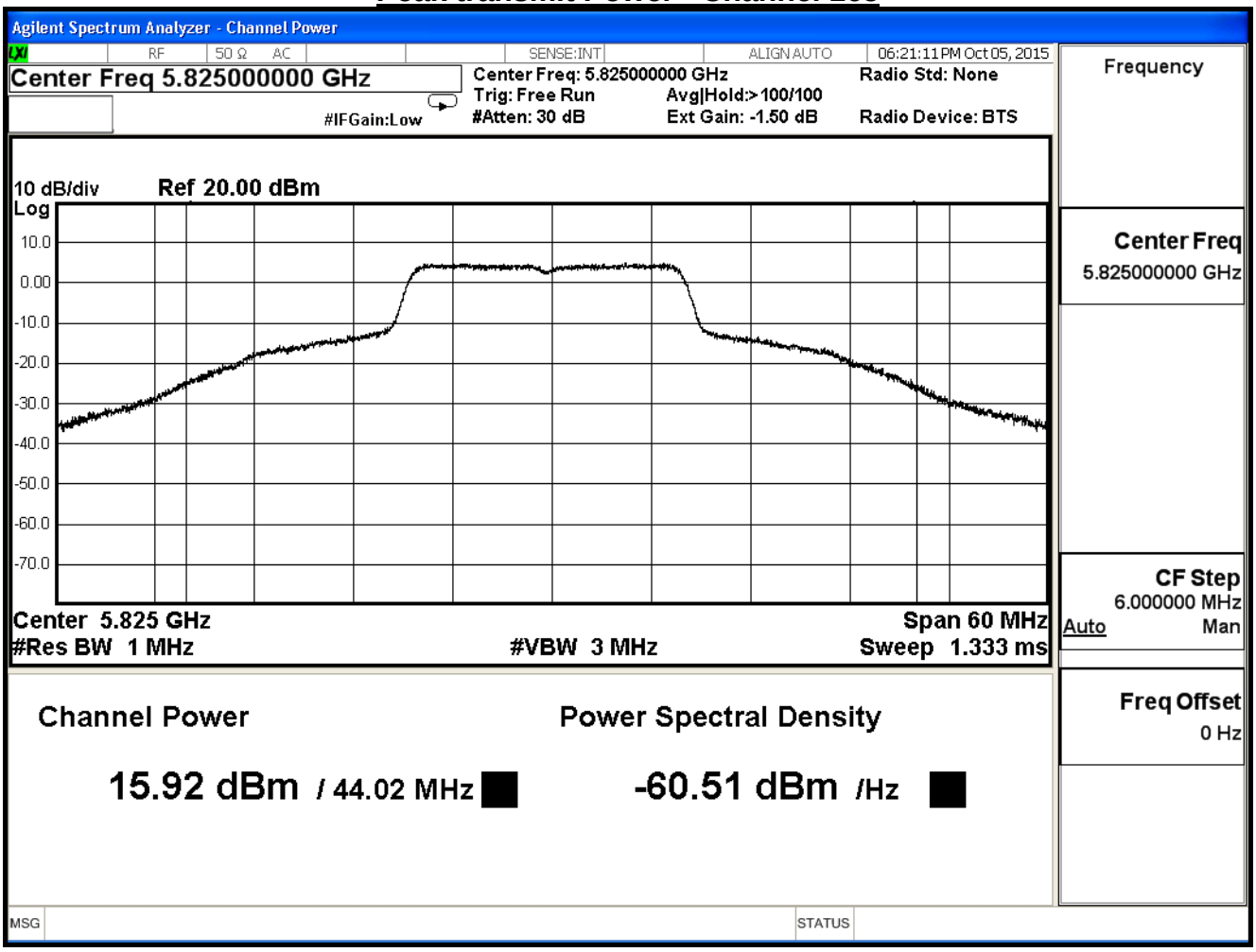
Peak transmit Power - Channel 149



Peak transmit Power - Channel 157



Peak transmit Power - Channel 165



Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n(20MHz)_ANT 0

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
149	5745	12.790	≤26.99	Pass
157	5785	15.590	≤26.99	Pass
165	5825	15.400	≤26.99	Pass

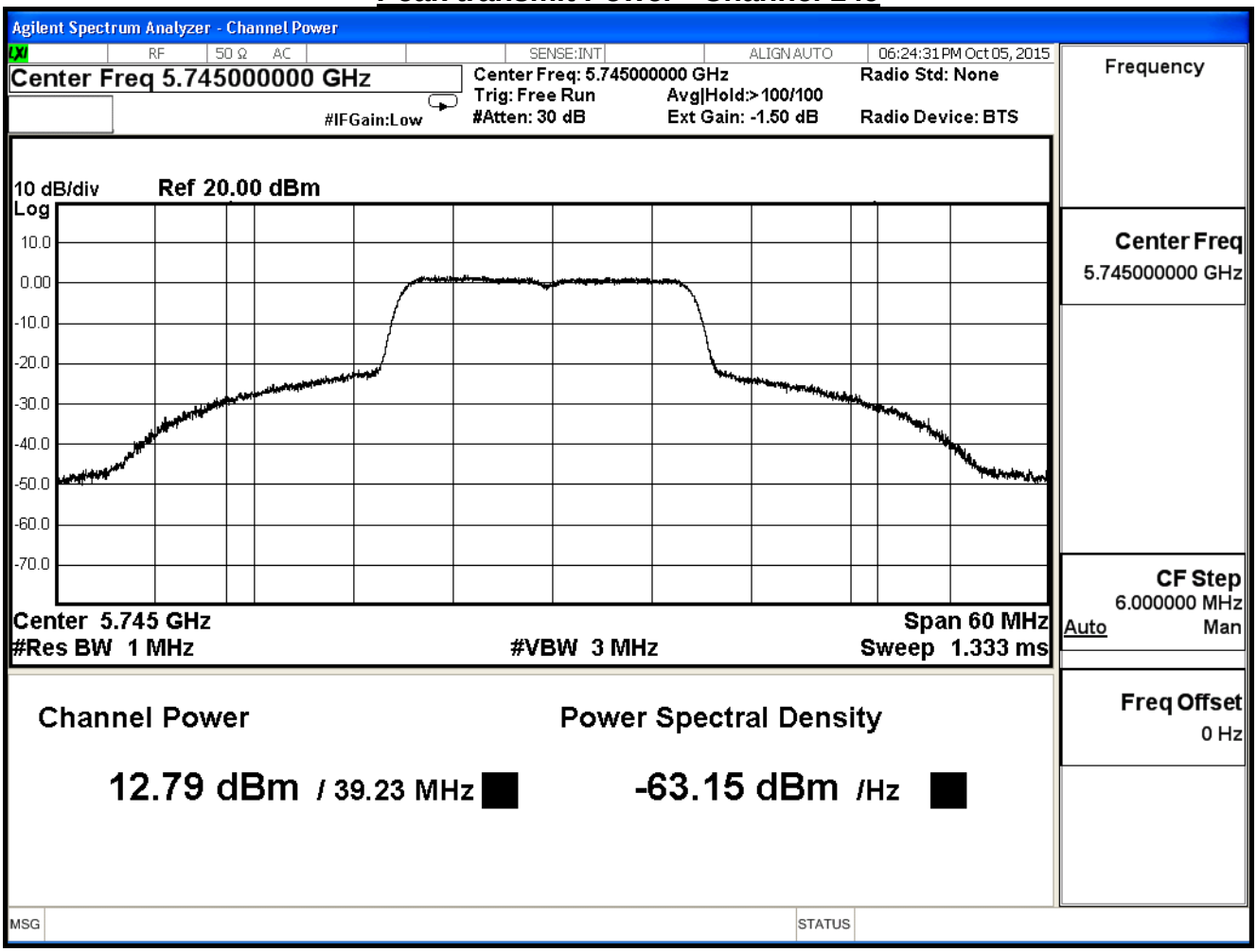
The worst emission of data rate is 13 Mbps.

Peak Power Output (dBm)									
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
149	5745	12.79	--	--	--	--	--	--	--	≤26.99dBm
157	5785	15.59	15.39	15.29	15.19	15.09	14.97	14.73	14.49	
165	5825	15.40	--	--	--	--	--	--	--	

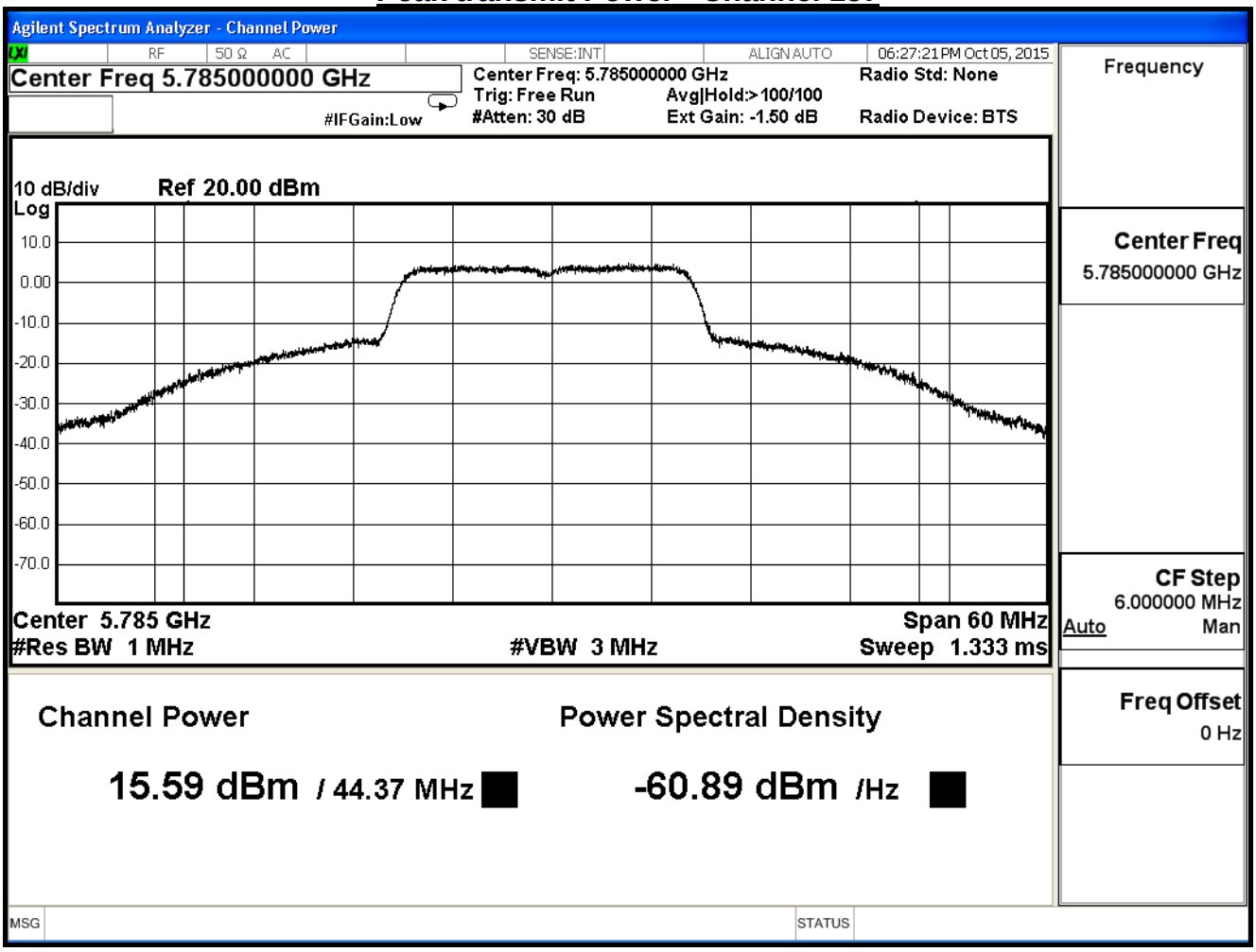
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

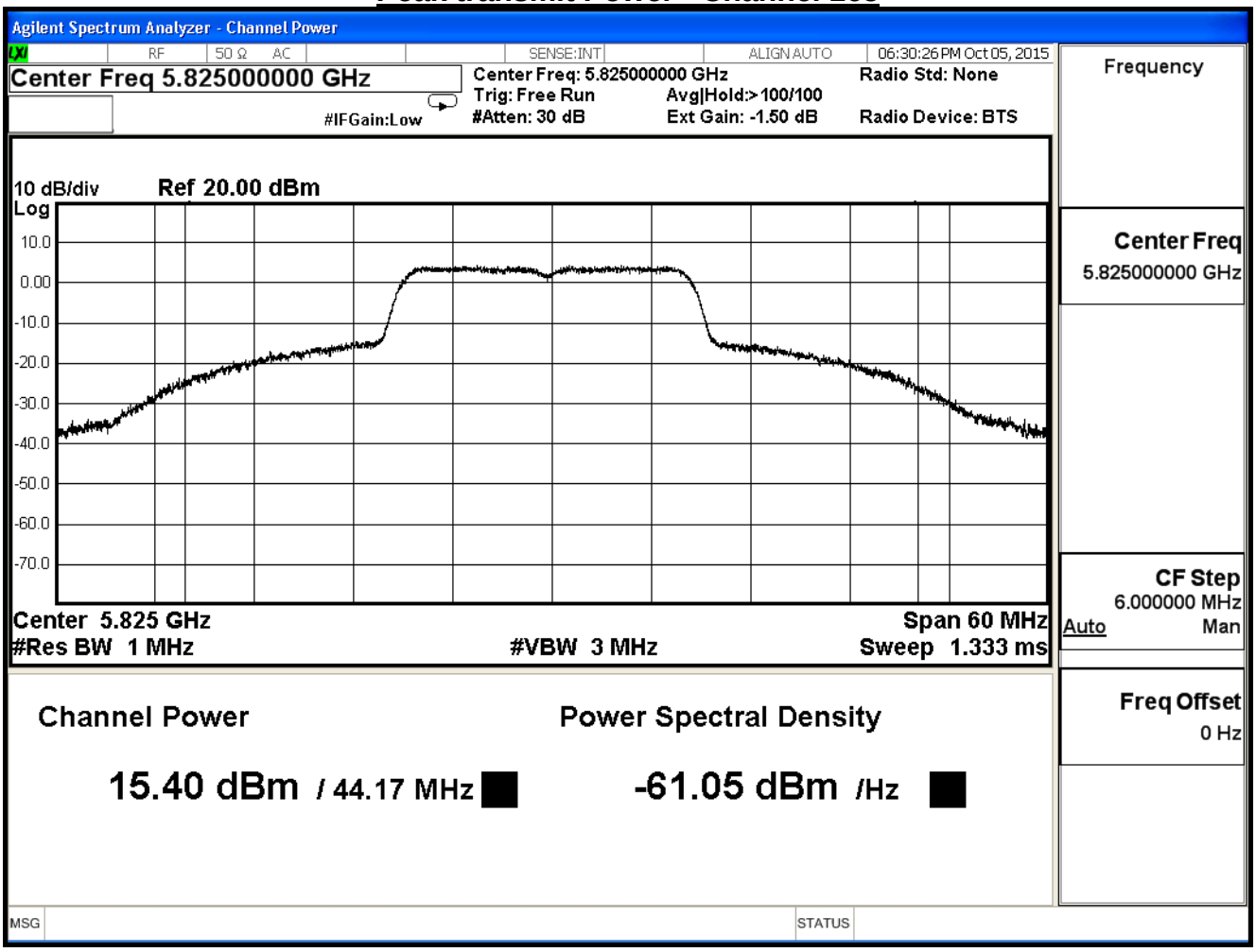
Peak transmit Power - Channel 149



Peak transmit Power - Channel 157



Peak transmit Power - Channel 165



Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n(20MHz)_ANT 1

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
149	5745	11.770	≤26.99	Pass
157	5785	13.020	≤26.99	Pass
165	5825	11.820	≤26.99	Pass

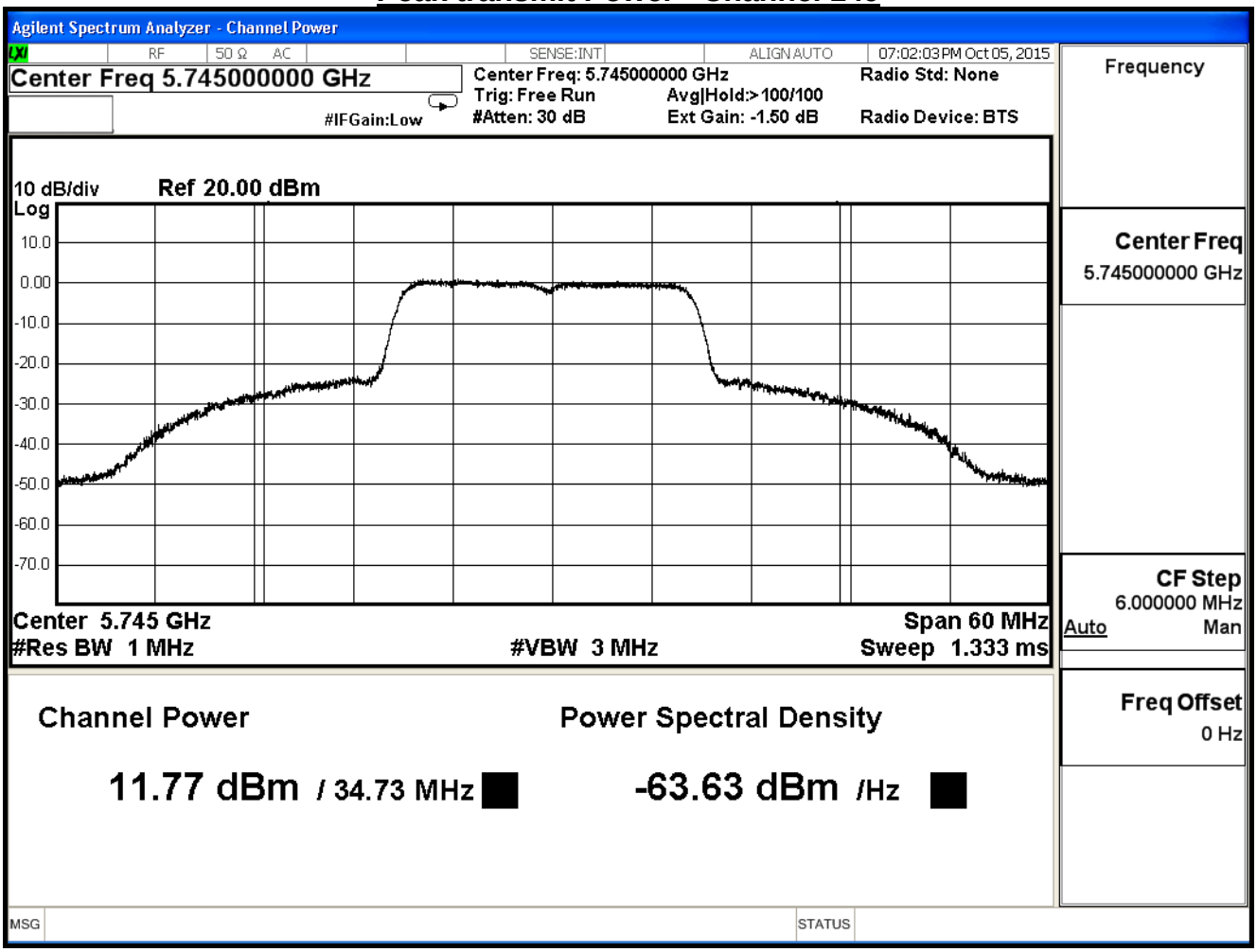
The worst emission of data rate is 13 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
149	5745	11.77	--	--	--	--	--	--	--	≤26.99dBm
157	5785	13.02	12.82	12.62	12.42	12.32	12.08	11.84	11.72	
165	5825	11.82	--	--	--	--	--	--	--	

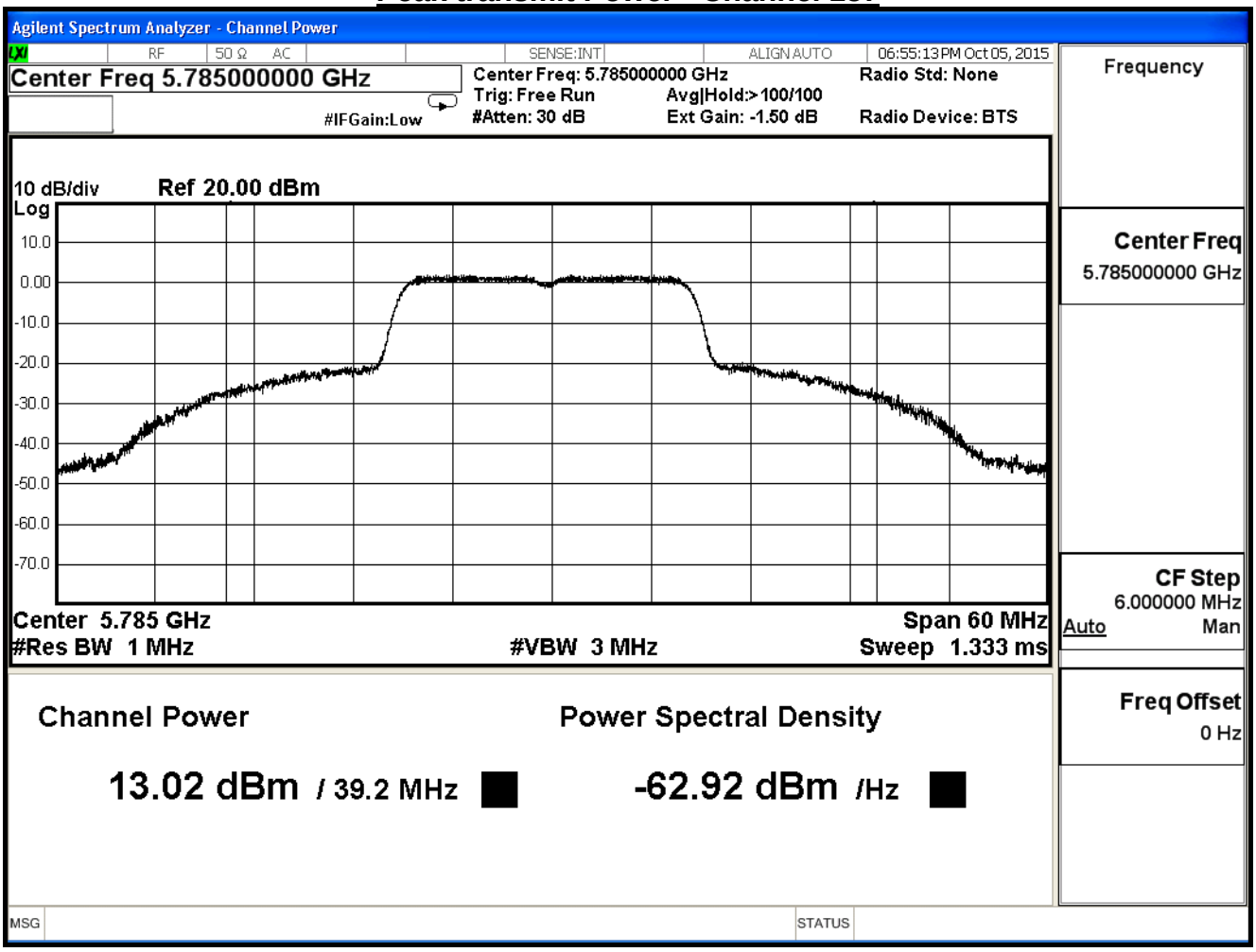
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

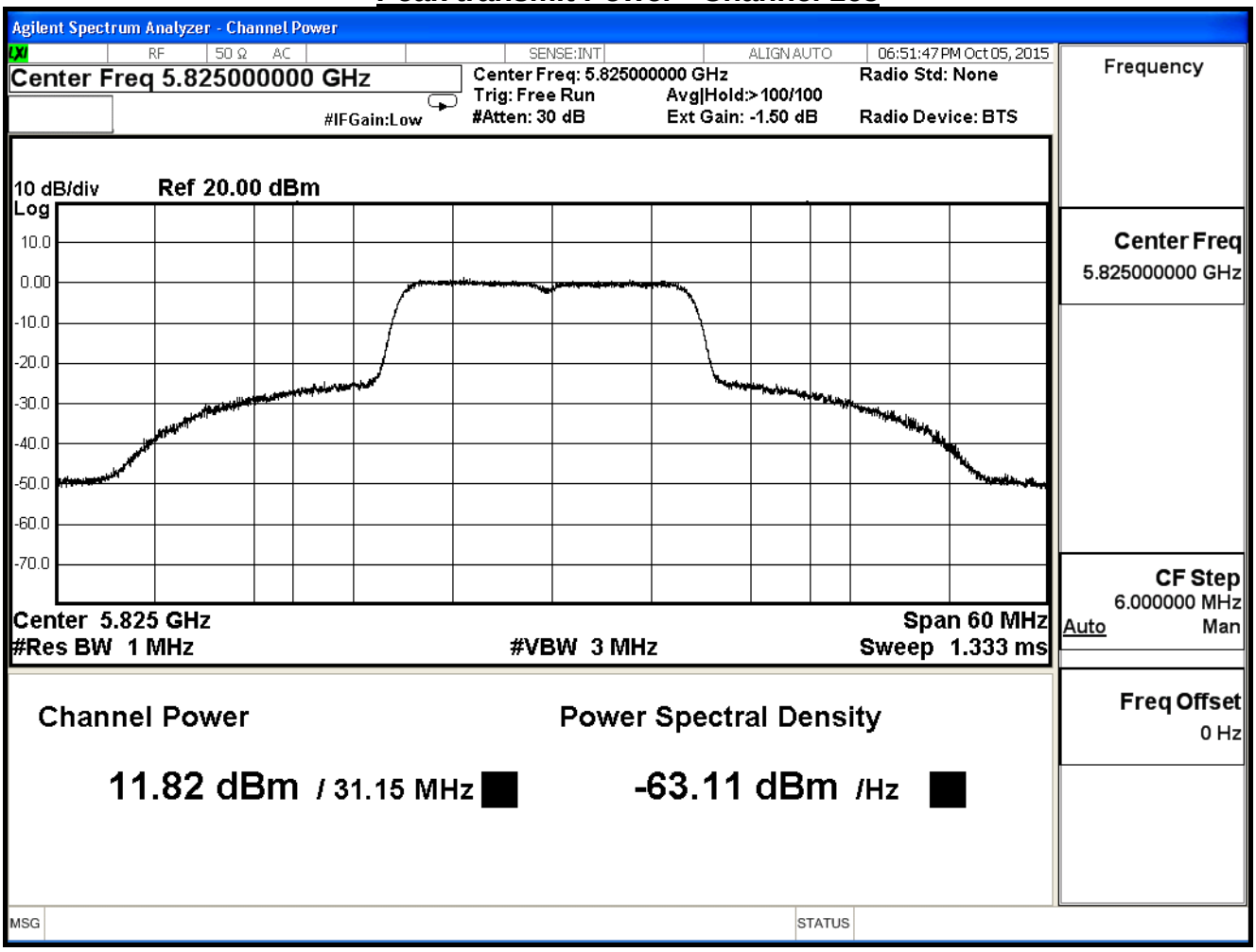
Peak transmit Power - Channel 149



Peak transmit Power - Channel 157



Peak transmit Power - Channel 165



Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n(20MHz)_ANT 0+1

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
149	5745	15.320	≤26.99	Pass
157	5785	17.503	≤26.99	Pass
165	5825	16.979	≤26.99	Pass

The worst emission of data rate is 13 Mbps.

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13	26	39	52	78	104	117	130	
149	5745	15.32	--	--	--	--	--	--	--	≤26.99dBm
157	5785	17.50	17.30	17.17	17.03	16.93	16.77	16.53	16.33	
165	5825	16.98	--	--	--	--	--	--	--	

Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n(40MHz)_ANT 0

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
151	5755	10.130	≤26.99	Pass
159	5795	15.320	≤26.99	Pass

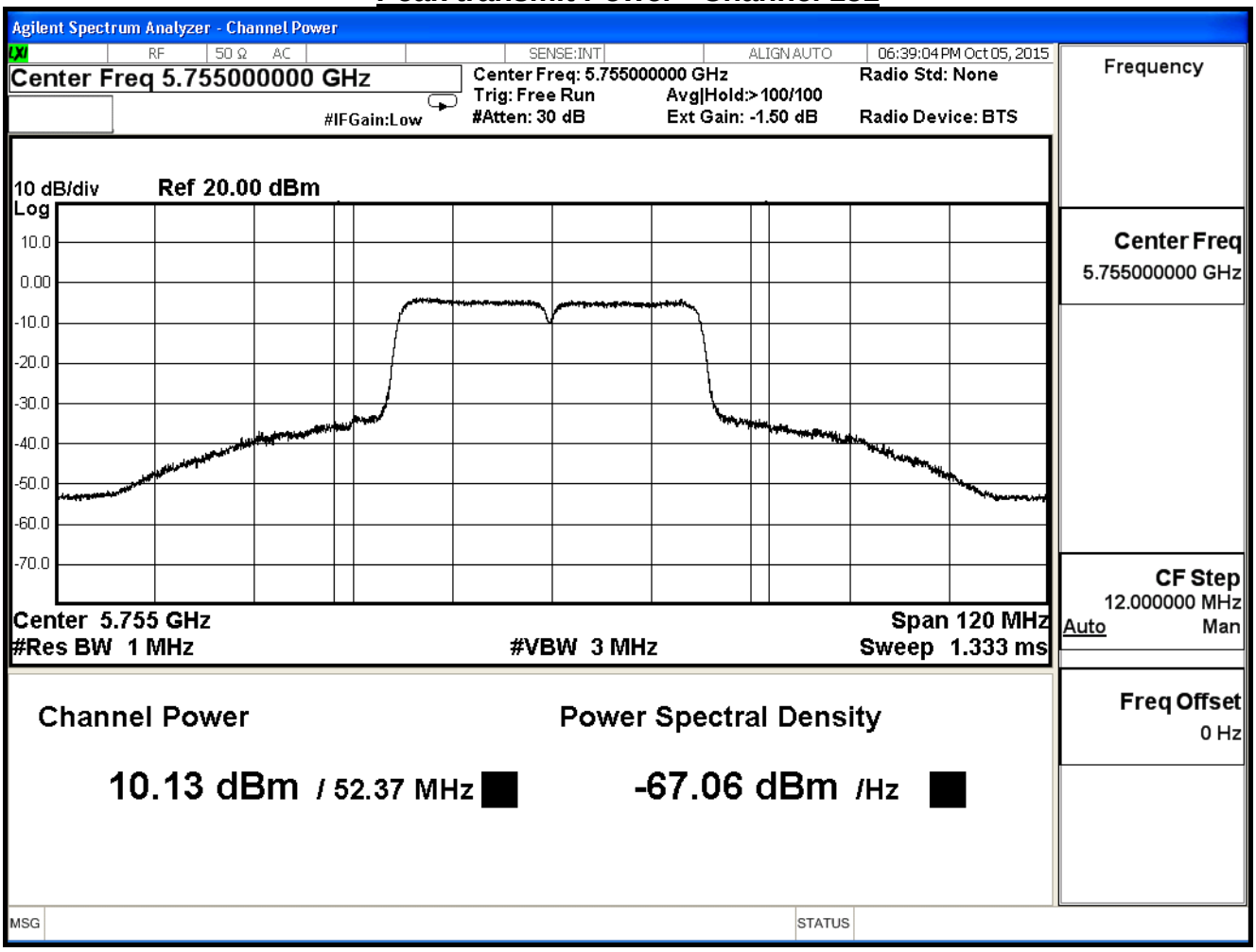
The worst emission of data rate is 27 Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
151	5755	10.13	--	--	--	--	--	--	--	≤26.99dBm
159	5795	15.32	15.12	14.92	14.82	14.62	14.50	14.26	14.02	

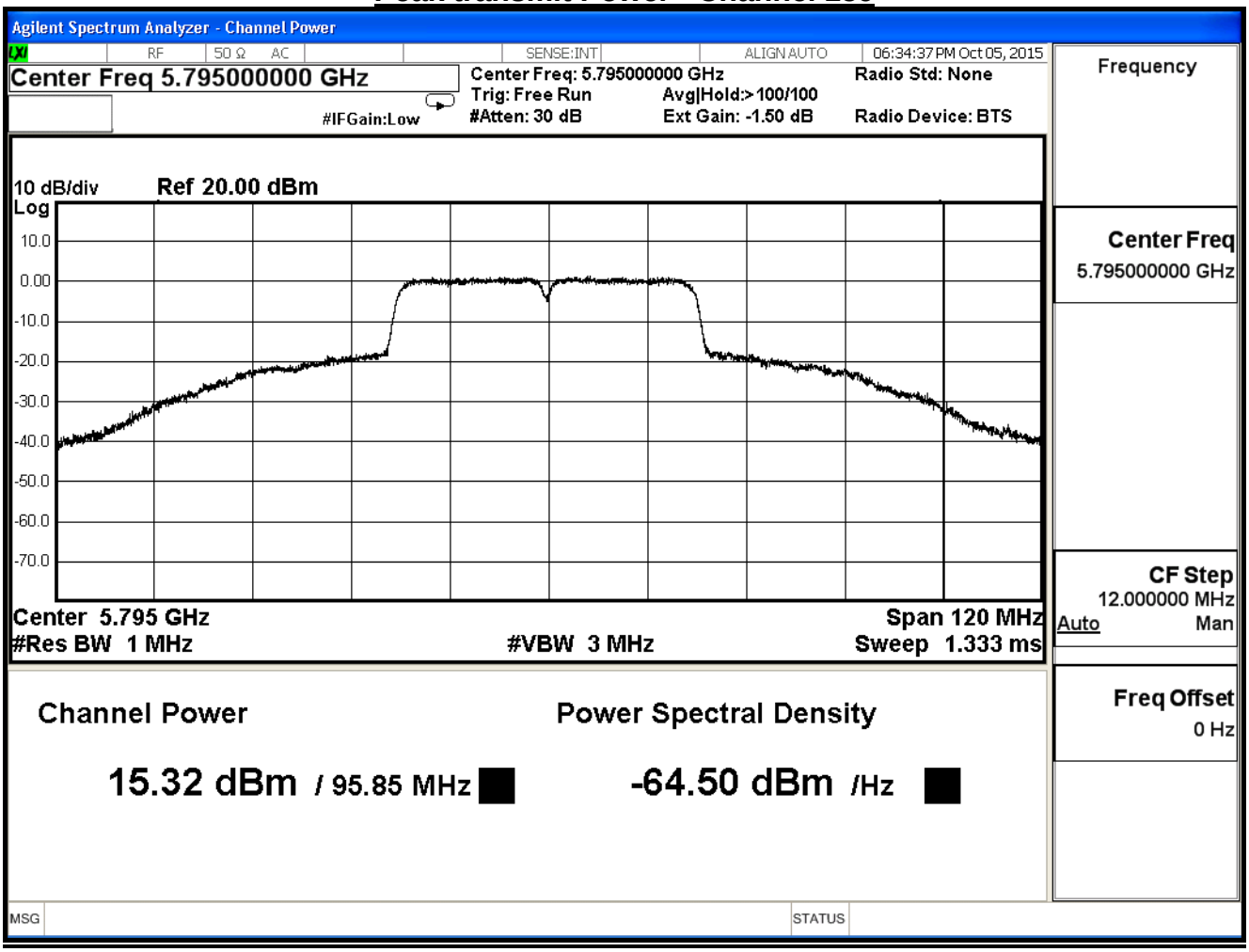
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

Peak transmit Power - Channel 151



Peak transmit Power - Channel 159



Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n(40MHz)_ANT 1

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
151	5755	4.360	≤26.99	Pass
159	5795	12.950	≤26.99	Pass

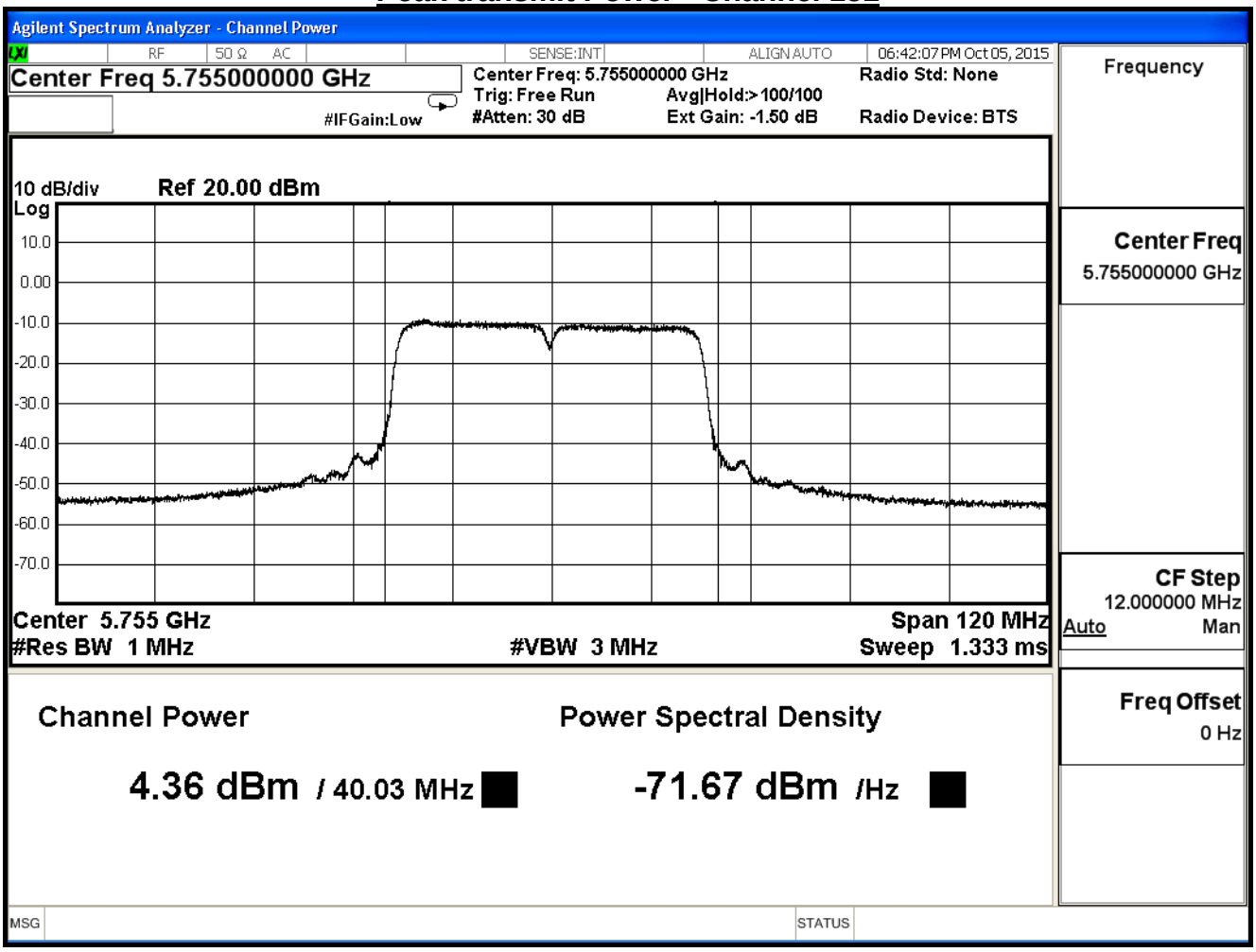
The worst emission of data rate is 27 Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
151	5755	4.36	--	--	--	--	--	--	--	≤26.99dBm
159	5795	12.95	12.85	12.65	12.55	12.35	12.11	11.87	11.75	

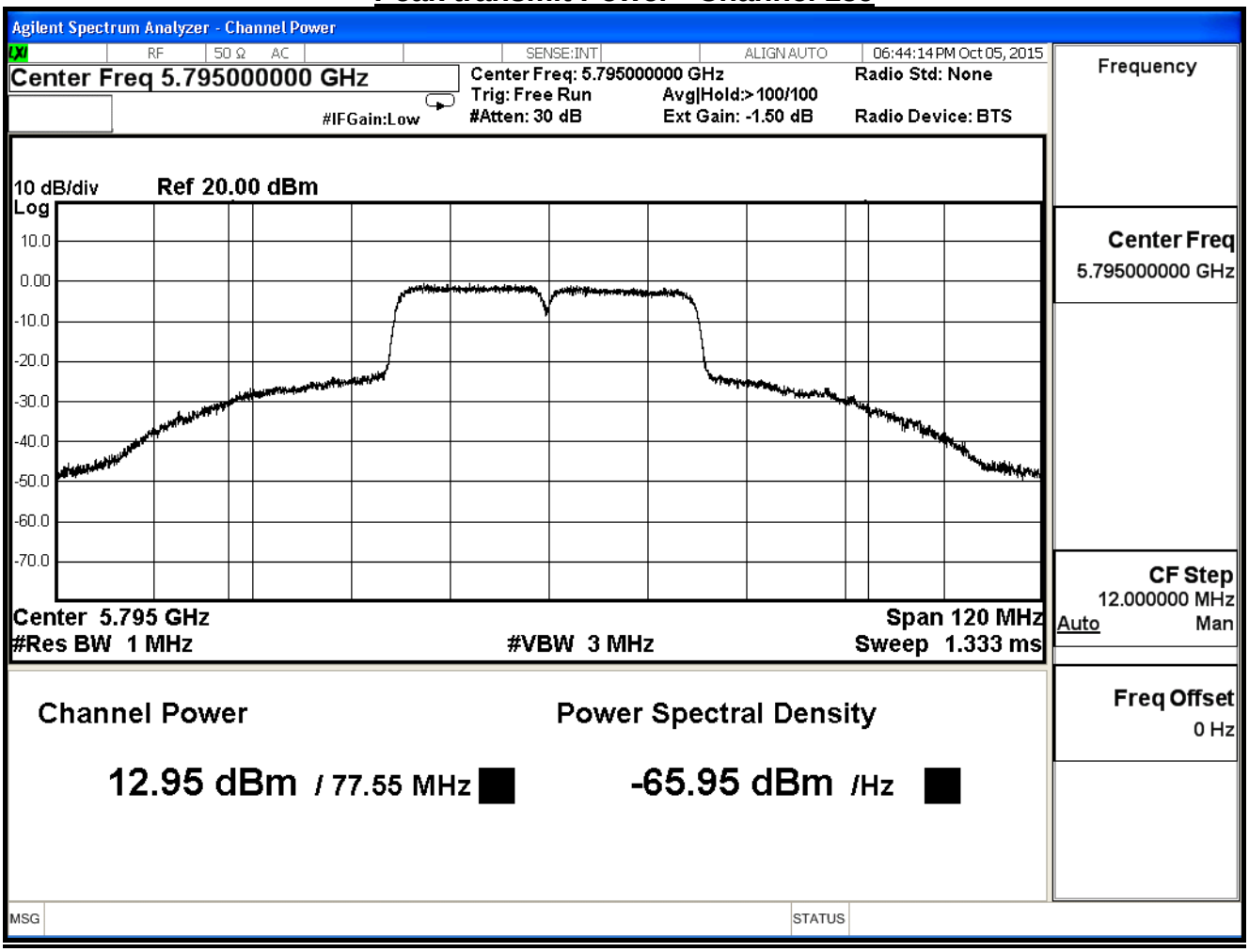
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

Peak transmit Power - Channel 151



Peak transmit Power - Channel 159



Product	Mesh WiFi AP		
Test Item	Peak Transmit Output		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n(40MHz)_ANT 0+1

Channel No.	Frequency (MHz)	Output Power (dBm)	Required Limit (dBm)	Result
151	5755	11.150	≤26.99	Pass
159	5795	17.305	≤26.99	Pass

The worst emission of data rate is 27 Mbps

Peak Power Output (dBm)										
MCS Index		8	9	10	11	12	13	14	15	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		27	54	81	108	162	216	243	270	
151	5755	11.15	--	--	--	--	--	--	--	≤26.99dBm
159	5795	17.31	17.14	16.94	16.84	16.64	16.48	16.24	16.04	

Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

5. Peak Power Spectrum Density

5.1. Test Equipment

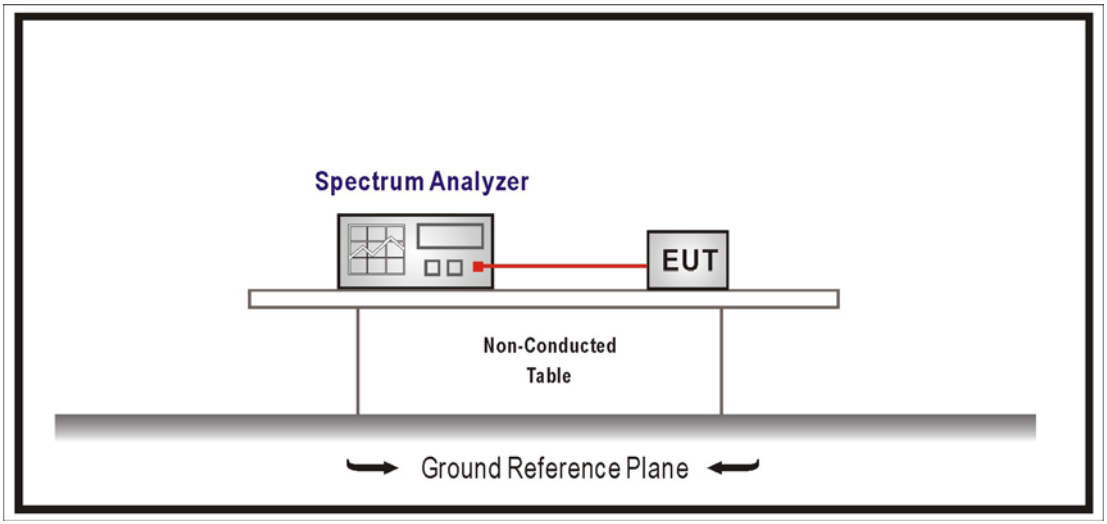
The following test equipments are used during the radiated emission tests:

Peak Power Spectrum Density / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2016/07/13

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

5.2. Test Setup



5.3. Limits

(1) For the band 5.15–5.25 GHz.

(i) For an outdoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed pointto-point U–NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U–NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U–NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U–NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

5.4. Test Procedure

The EUT was setup to ANSI C63.4; tested to U-NII test procedure of KDB 789033 and KDB 644545 for compliance to FCC 47CFR Subpart E requirements.

For Band1 : Set RBW=1MHz, VBW=3MHz with RMS detector. The PPSD is the highest level found across the emission in any 1-MHz band after 100 sweeps of averaging.

For Band4 : Set RBW=500KHz, VBW=1.5MHz with RMS detector. The PPSD is the highest level found across the emission in any 500KHz band after 100 sweeps of averaging.

5.5. Uncertainty

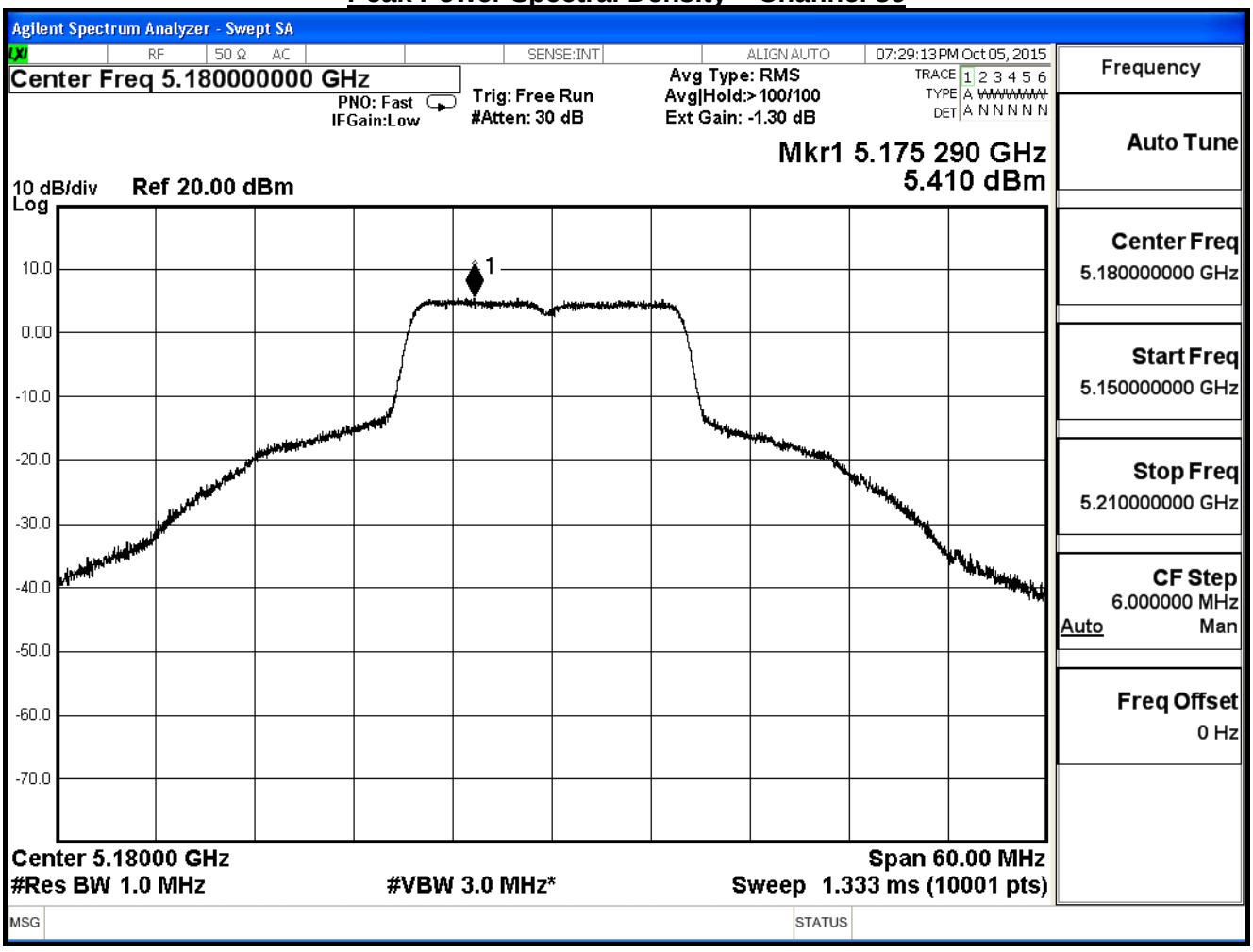
The measurement uncertainty is defined as ± 1.27 dB

5.6. Test Result

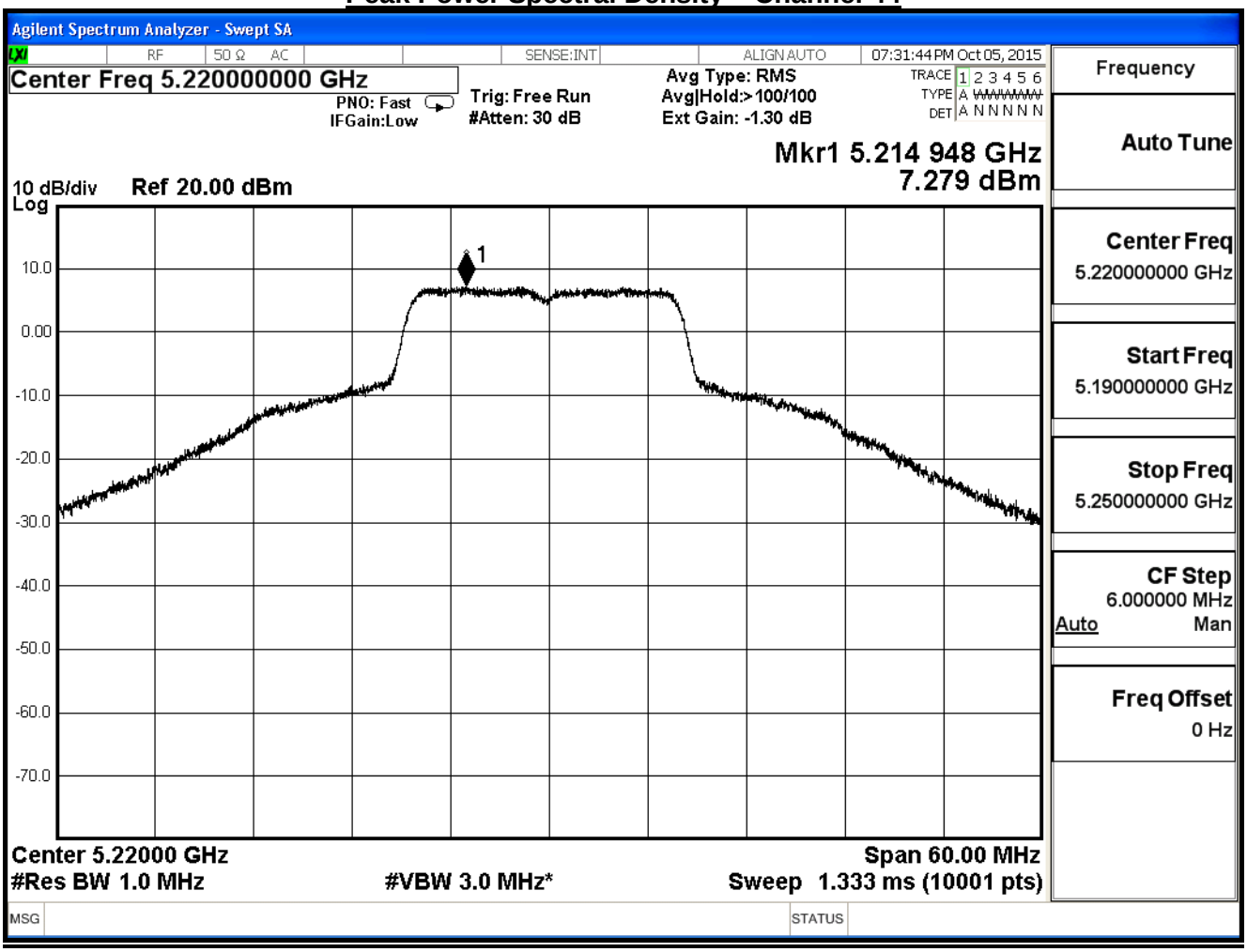
Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11a_ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	5.410	≦17	Pass
44	5220	7.279	≦17	Pass
48	5240	6.932	≦17	Pass

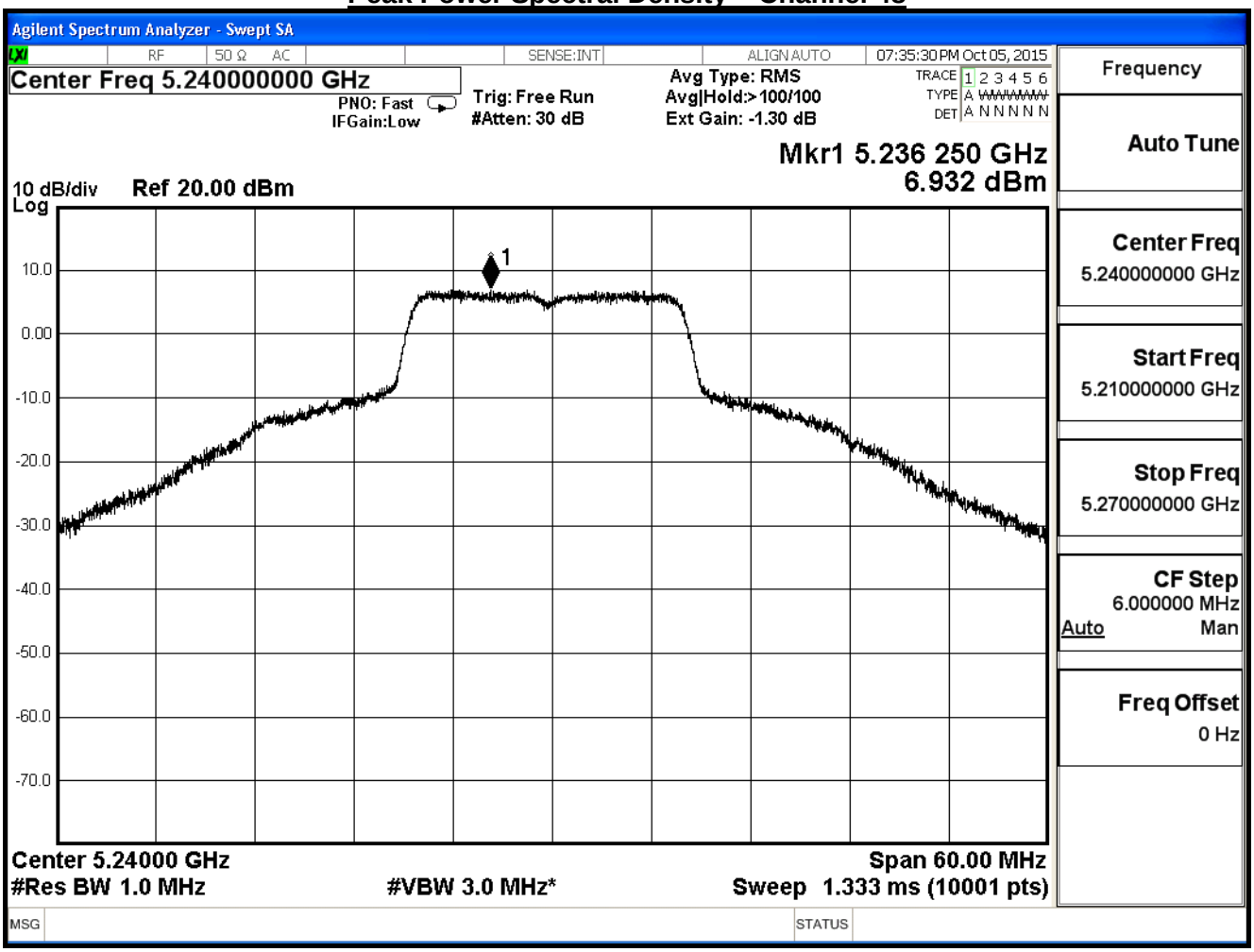
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48



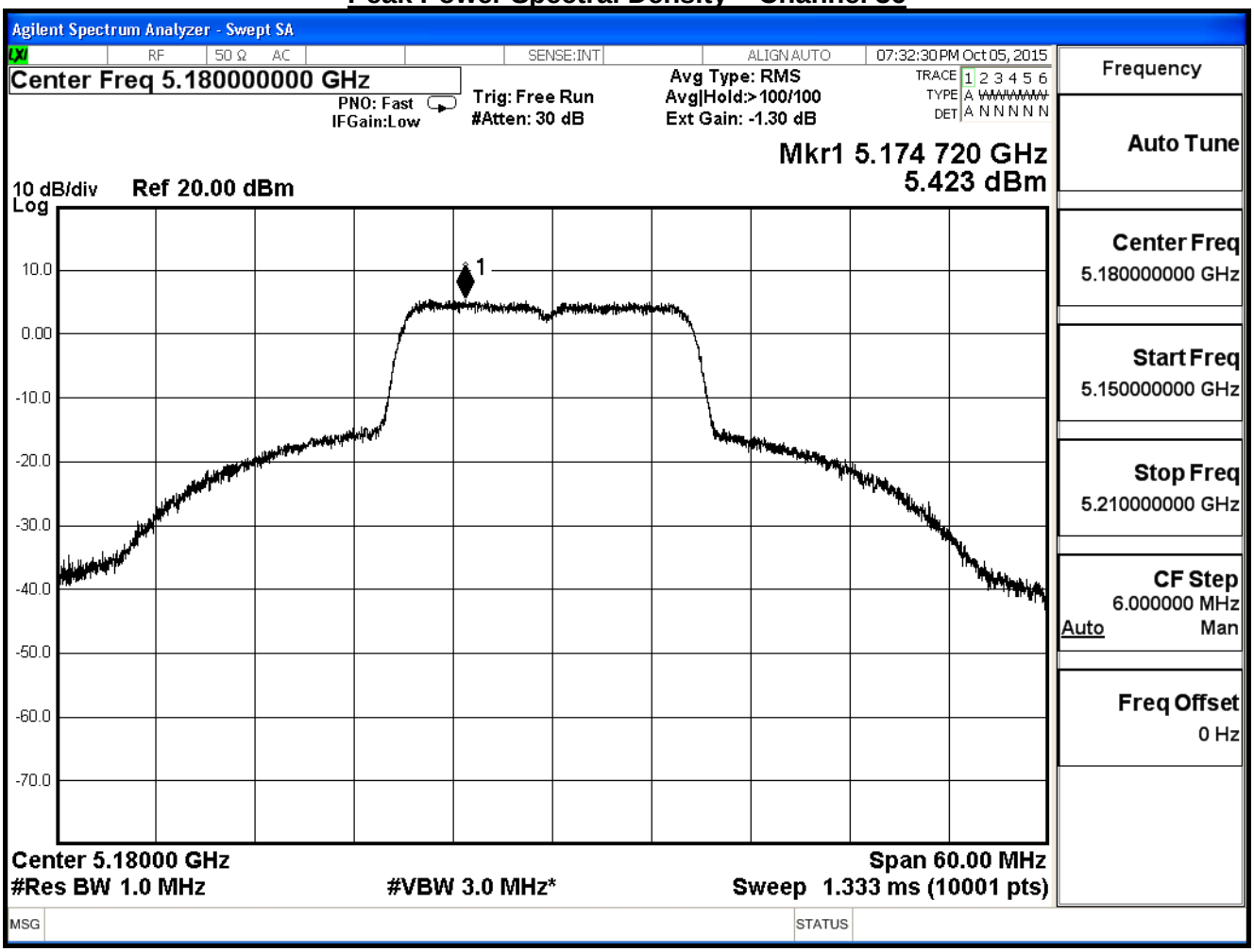
Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n_20M_ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	5.423	≦13.99	Pass
44	5220	6.881	≦13.99	Pass
48	5240	6.667	≦13.99	Pass

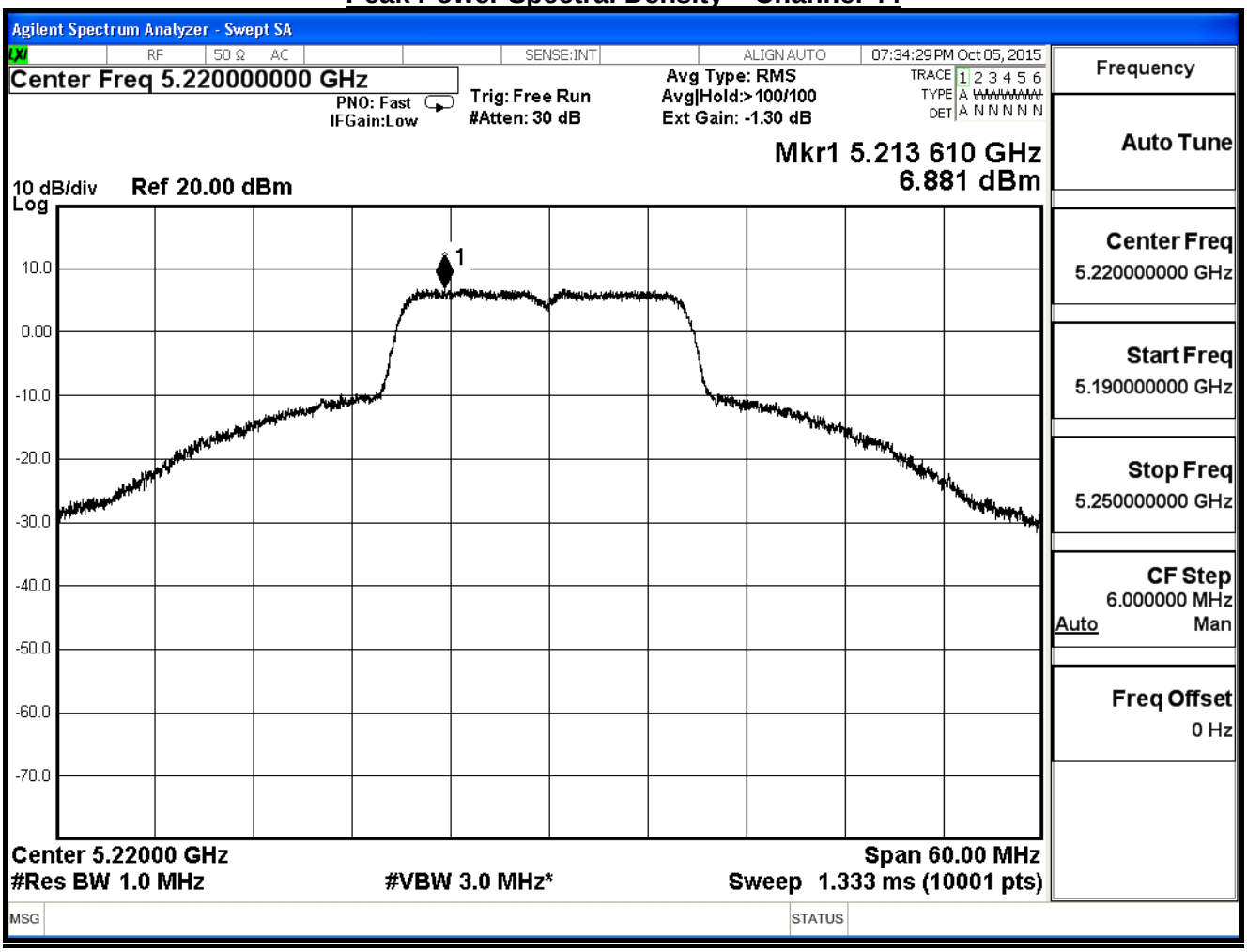
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:17dBm-(9.01dBi-6dB)= 13.99dBm

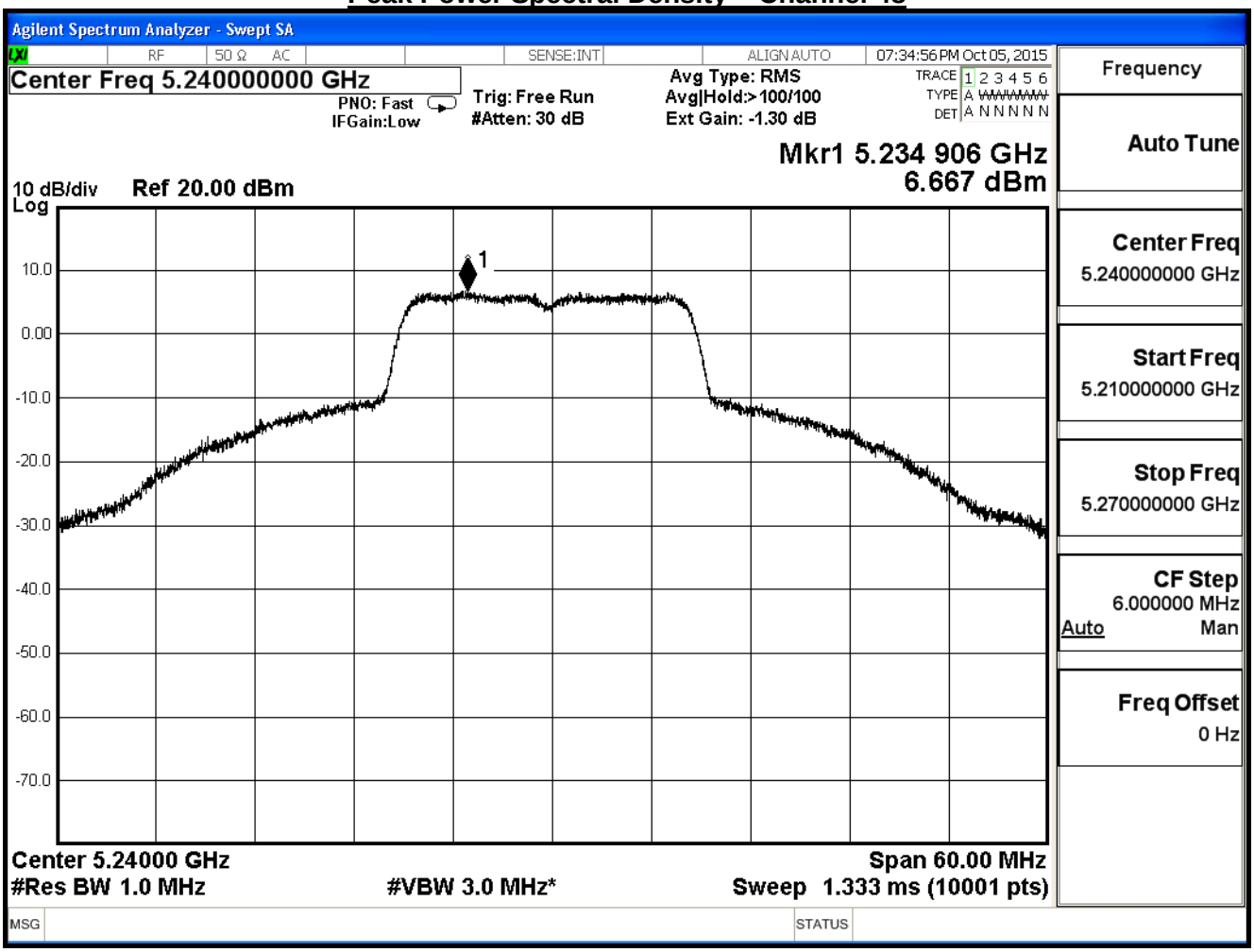
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48



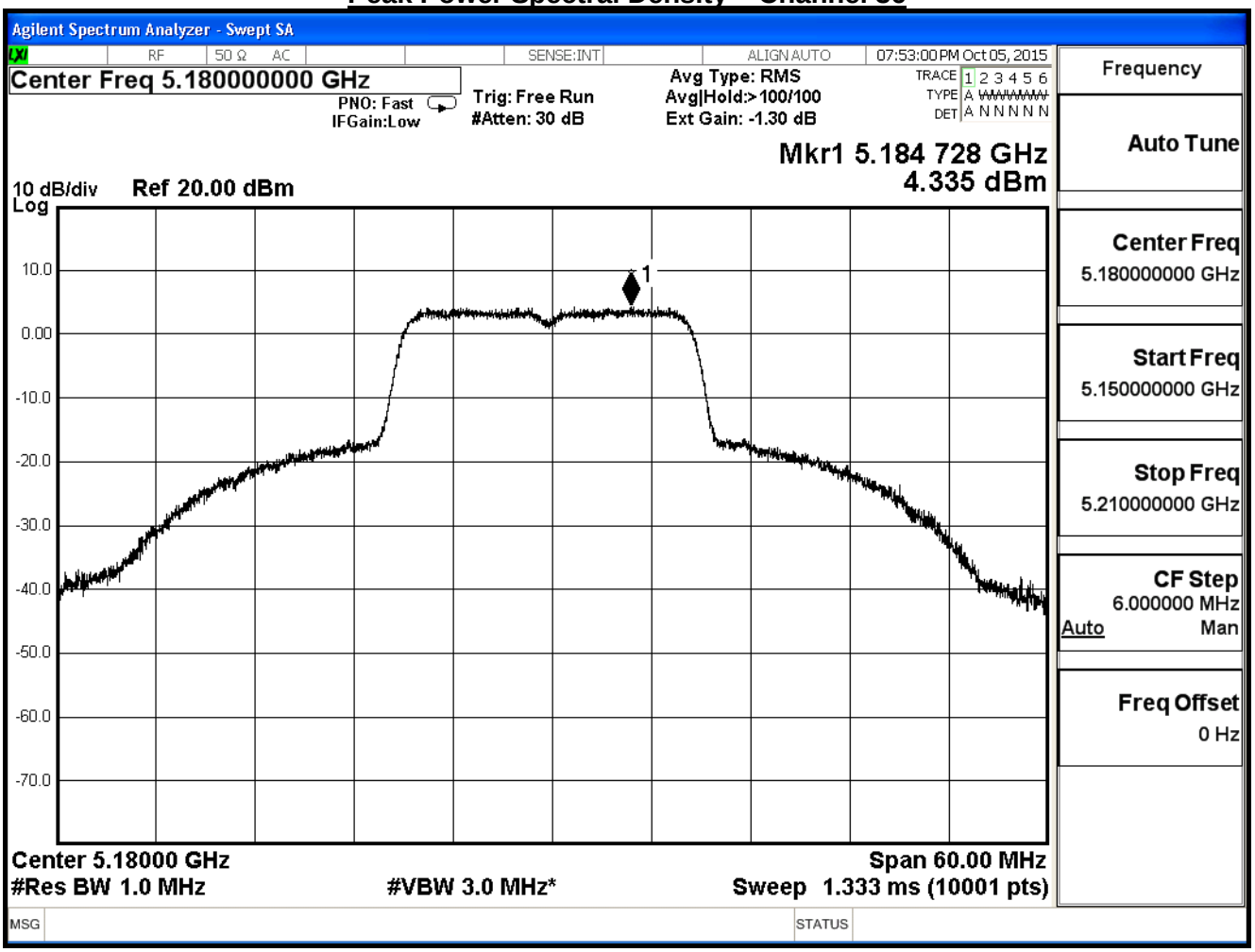
Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n_20M_ANT 1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	4.335	≦13.99	Pass
44	5220	5.316	≦13.99	Pass
48	5240	5.282	≦13.99	Pass

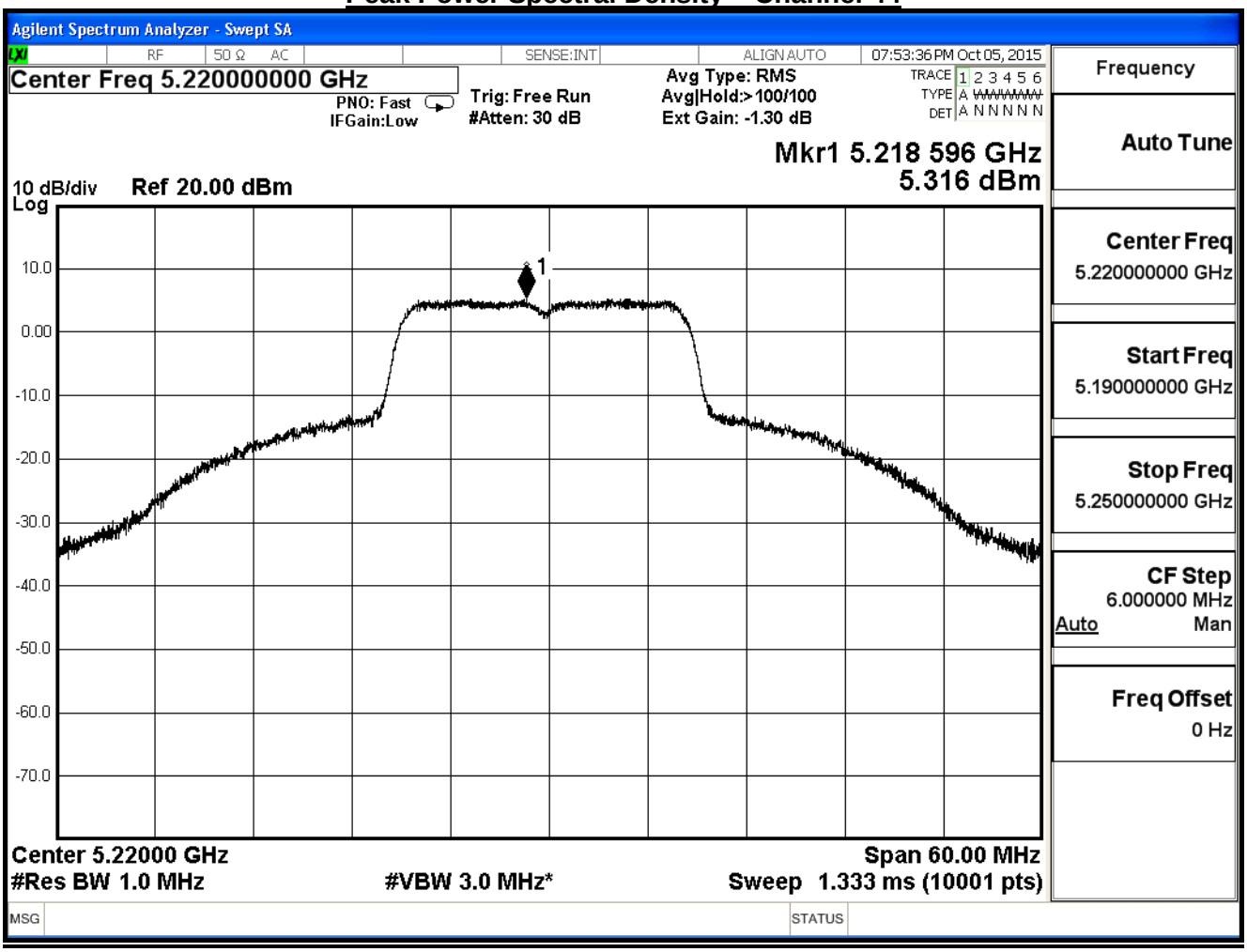
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:17dBm-(9.01dBi-6dB)= 13.99dBm

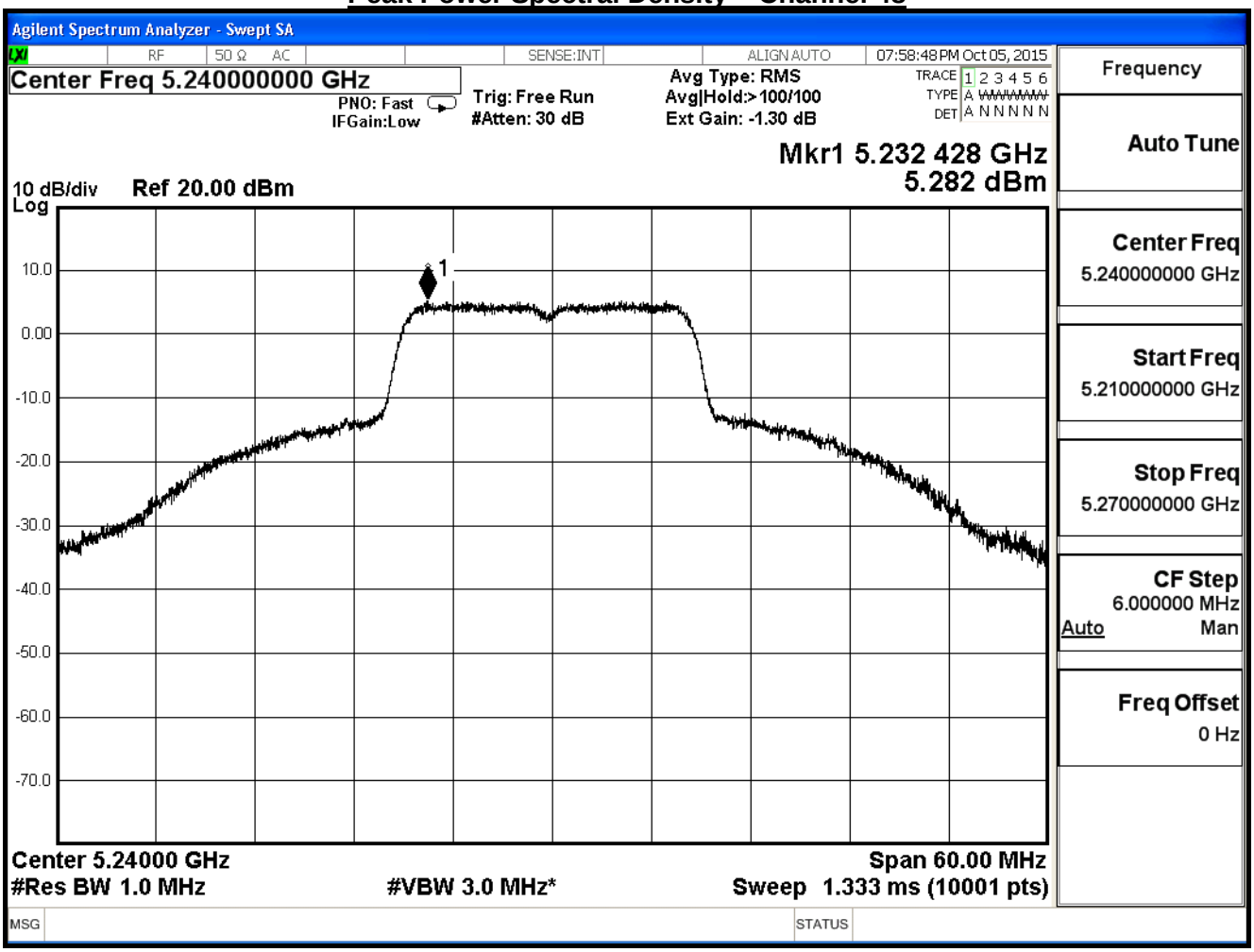
Peak Power Spectral Density – Channel 36



Peak Power Spectral Density – Channel 44



Peak Power Spectral Density – Channel 48



Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n(20MHz)_ANT 0+1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	7.923	≦13.99	Pass
44	5220	9.179	≦13.99	Pass
48	5240	9.040	≦13.99	Pass

Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:17dBm-(9.01dBi-6dB)= 13.99dBm

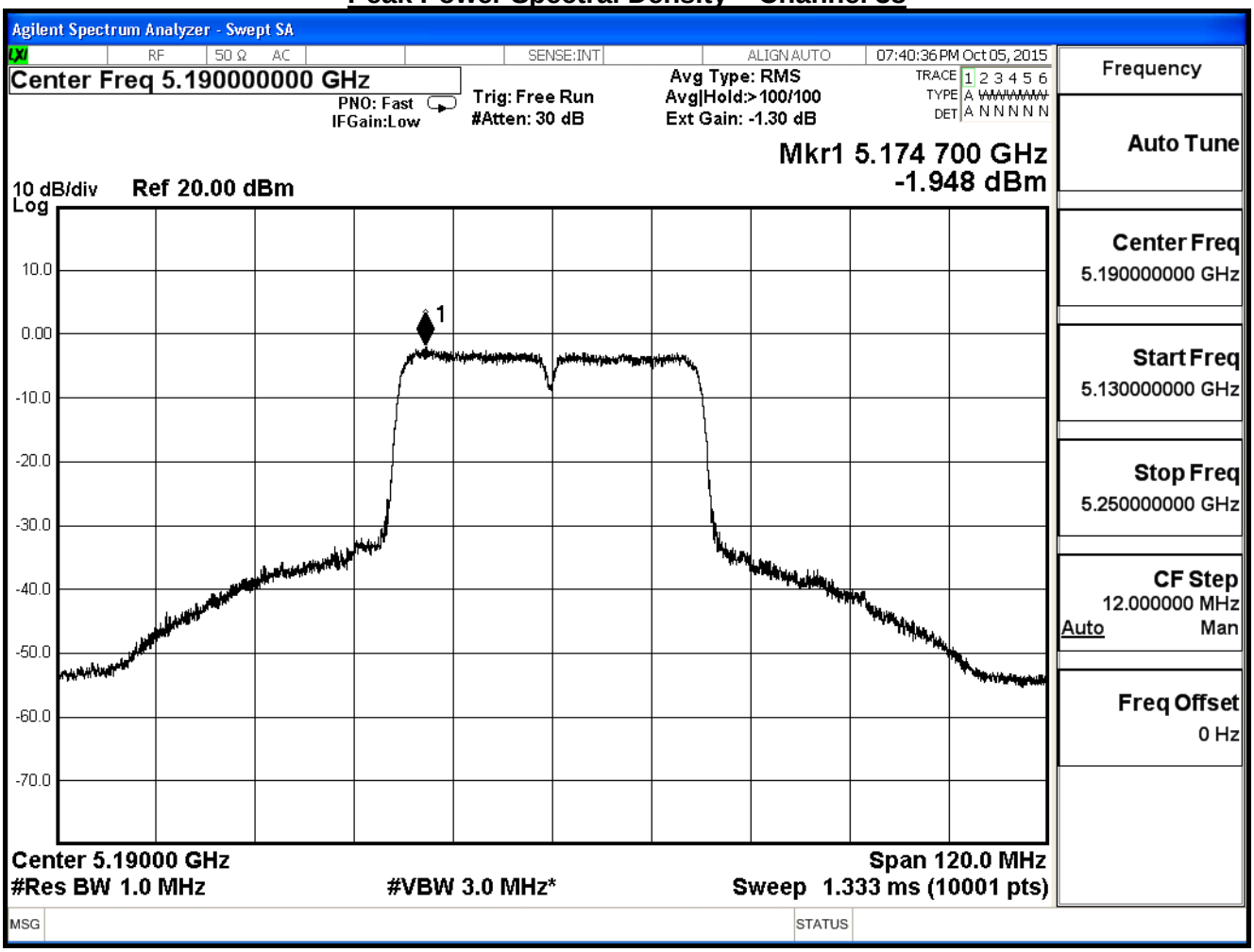
Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n_40M_ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
38	5190	-1.948	13.99	Pass
46	5230	3.742	13.99	Pass

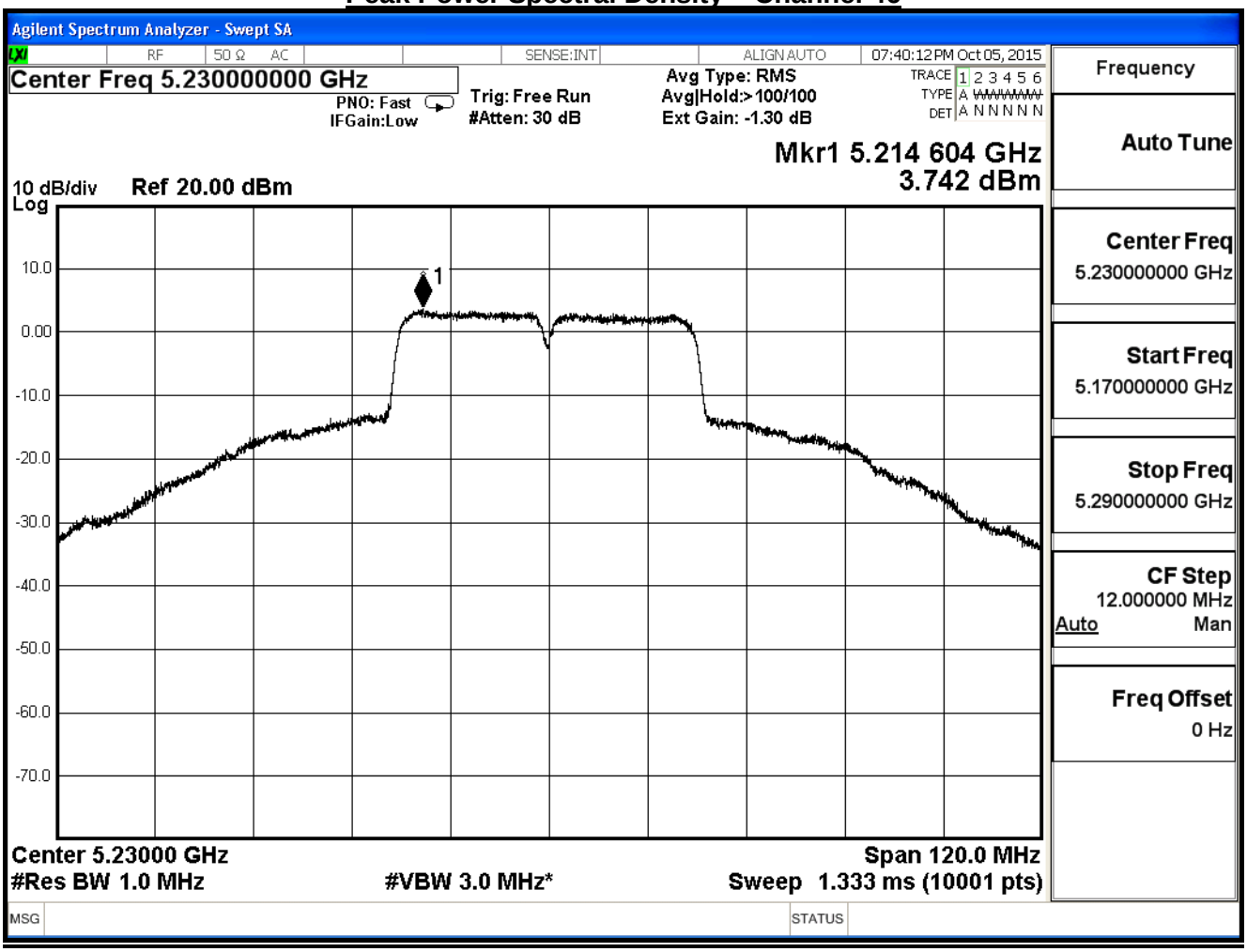
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:17dBm-(9.01dBi-6dB)= 13.99dBm

Peak Power Spectral Density – Channel 38



Peak Power Spectral Density – Channel 46



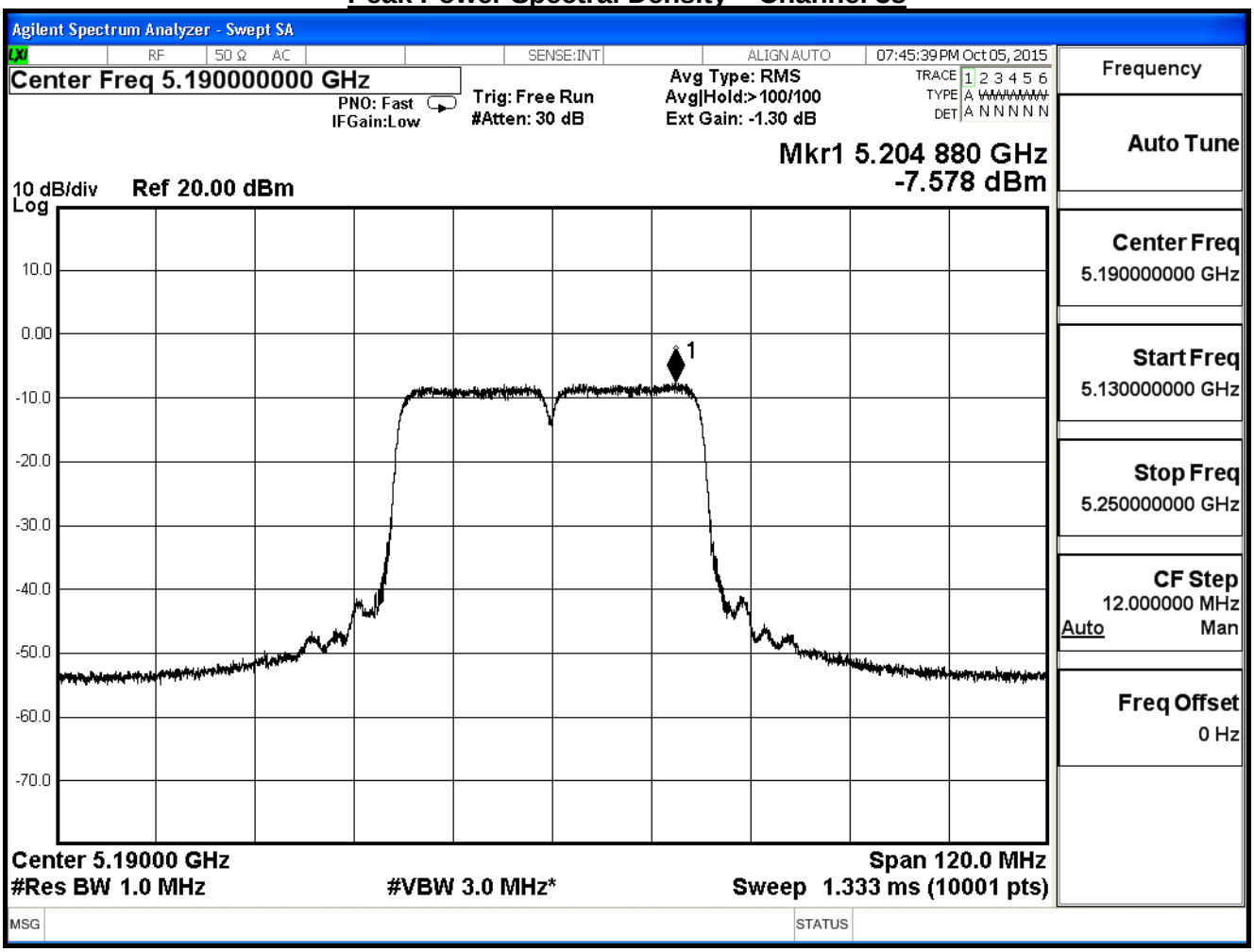
Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n_40M_ANT 1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
38	5190	-7.578	13.99	Pass
46	5230	-0.469	13.99	Pass

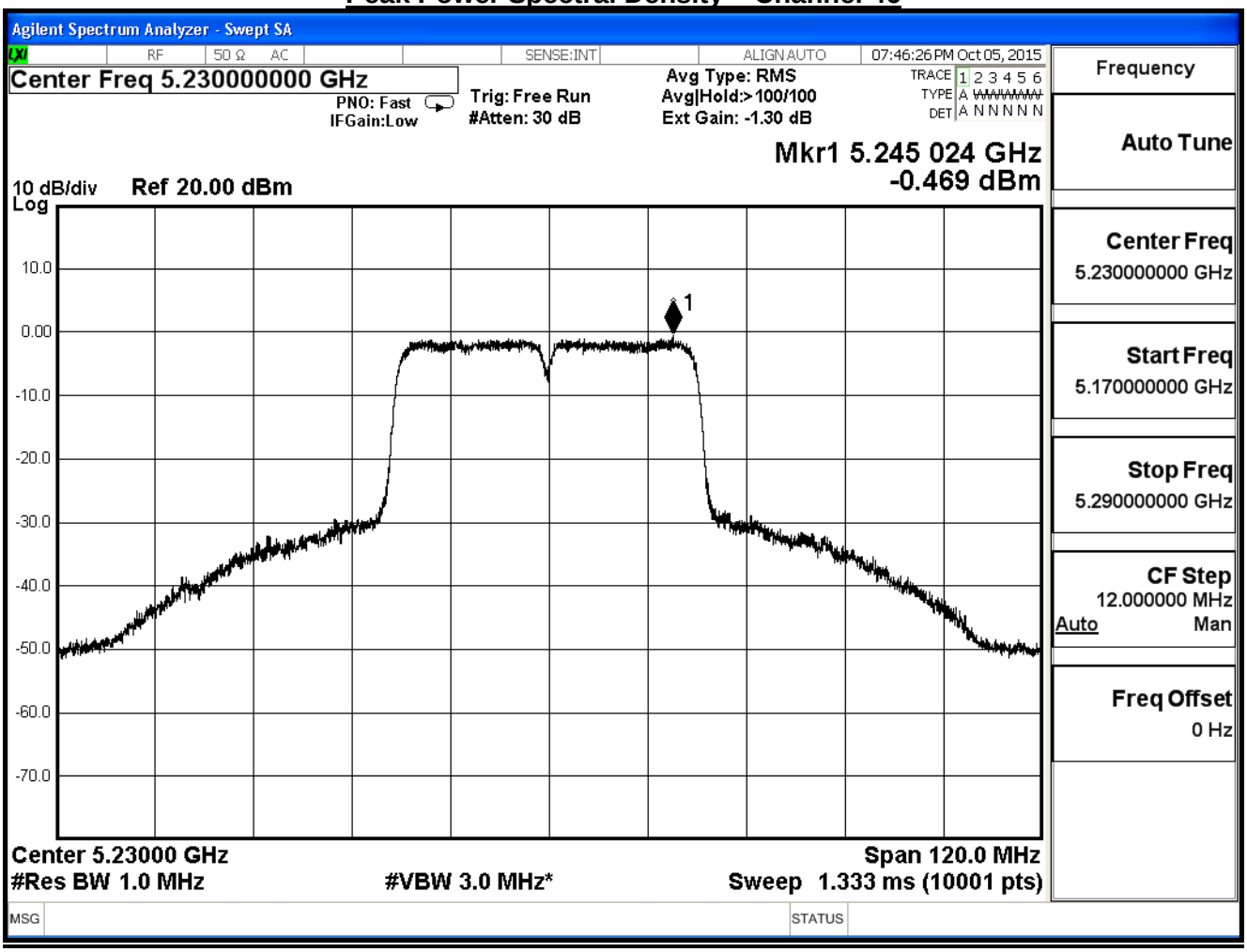
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:17dBm-(9.01dBi-6dB)= 13.99dBm

Peak Power Spectral Density – Channel 38



Peak Power Spectral Density – Channel 46



Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n(40MHz)_ANT 0+1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
38	5190	-0.898	13.99	Pass
46	5230	5.138	13.99	Pass

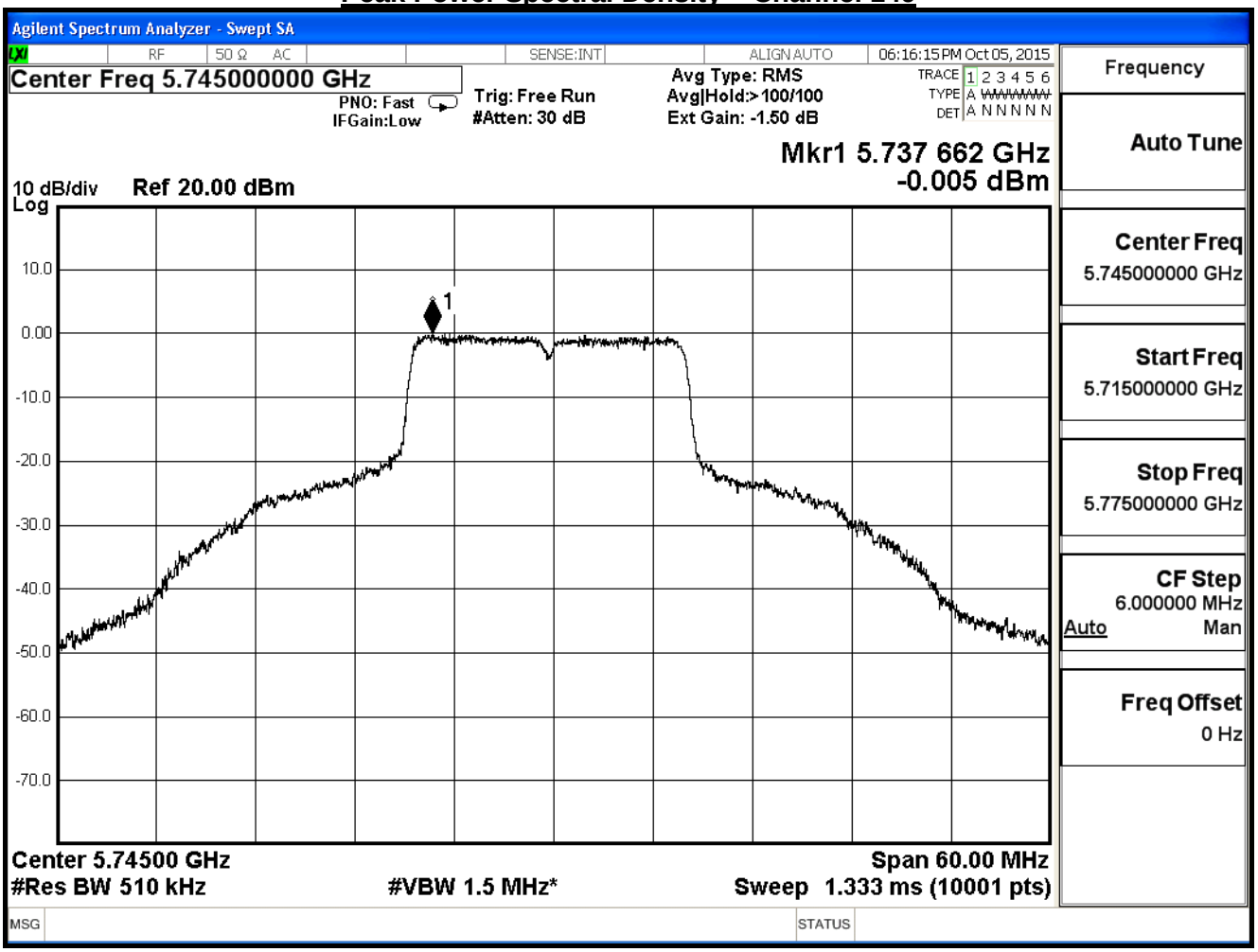
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:17dBm-(9.01dBi-6dB)= 13.99dBm

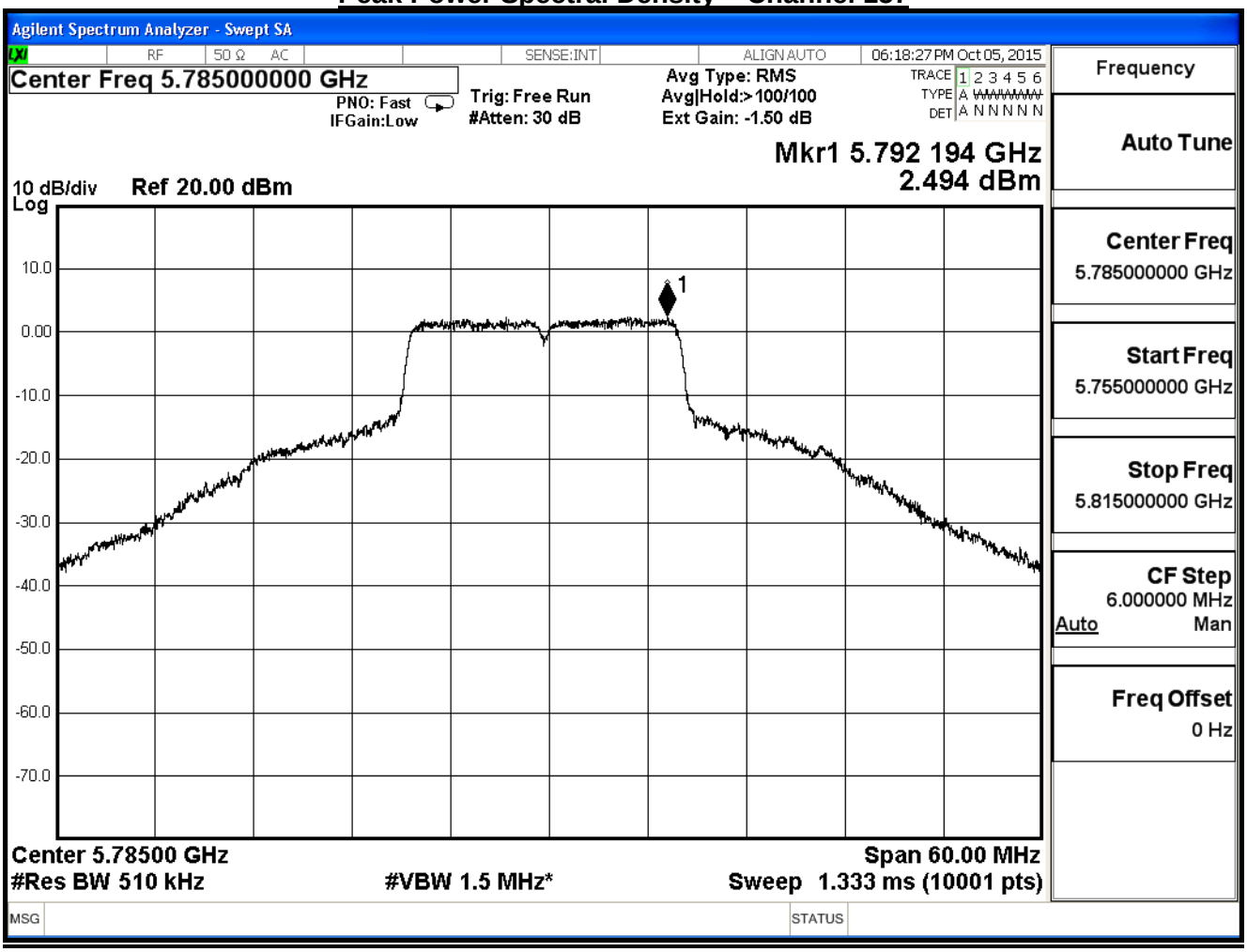
Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11a_ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-0.005	≤30	Pass
157	5785	2.494	≤30	Pass
165	5825	2.013	≤30	Pass

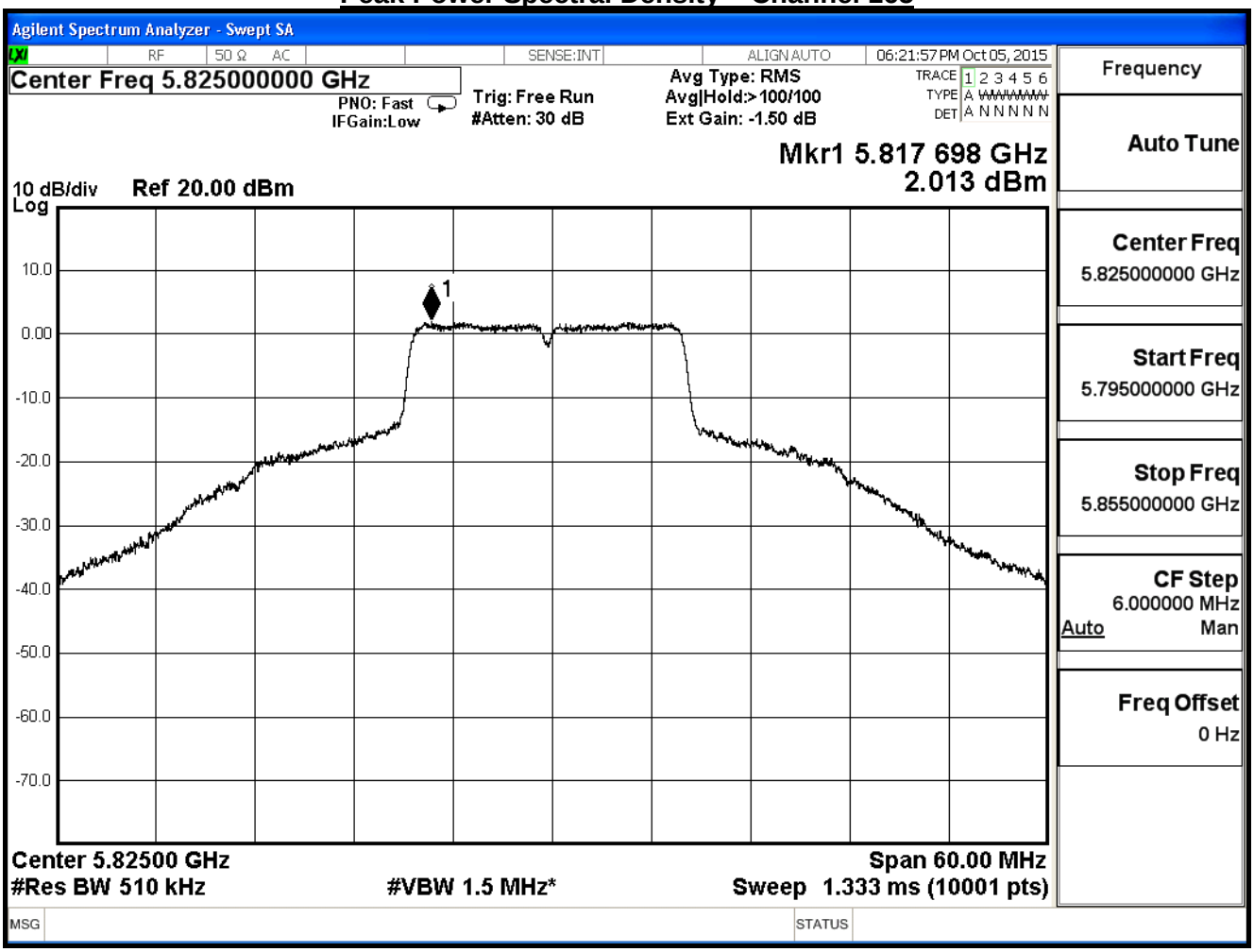
Peak Power Spectral Density – Channel 149



Peak Power Spectral Density – Channel 157



Peak Power Spectral Density – Channel 165



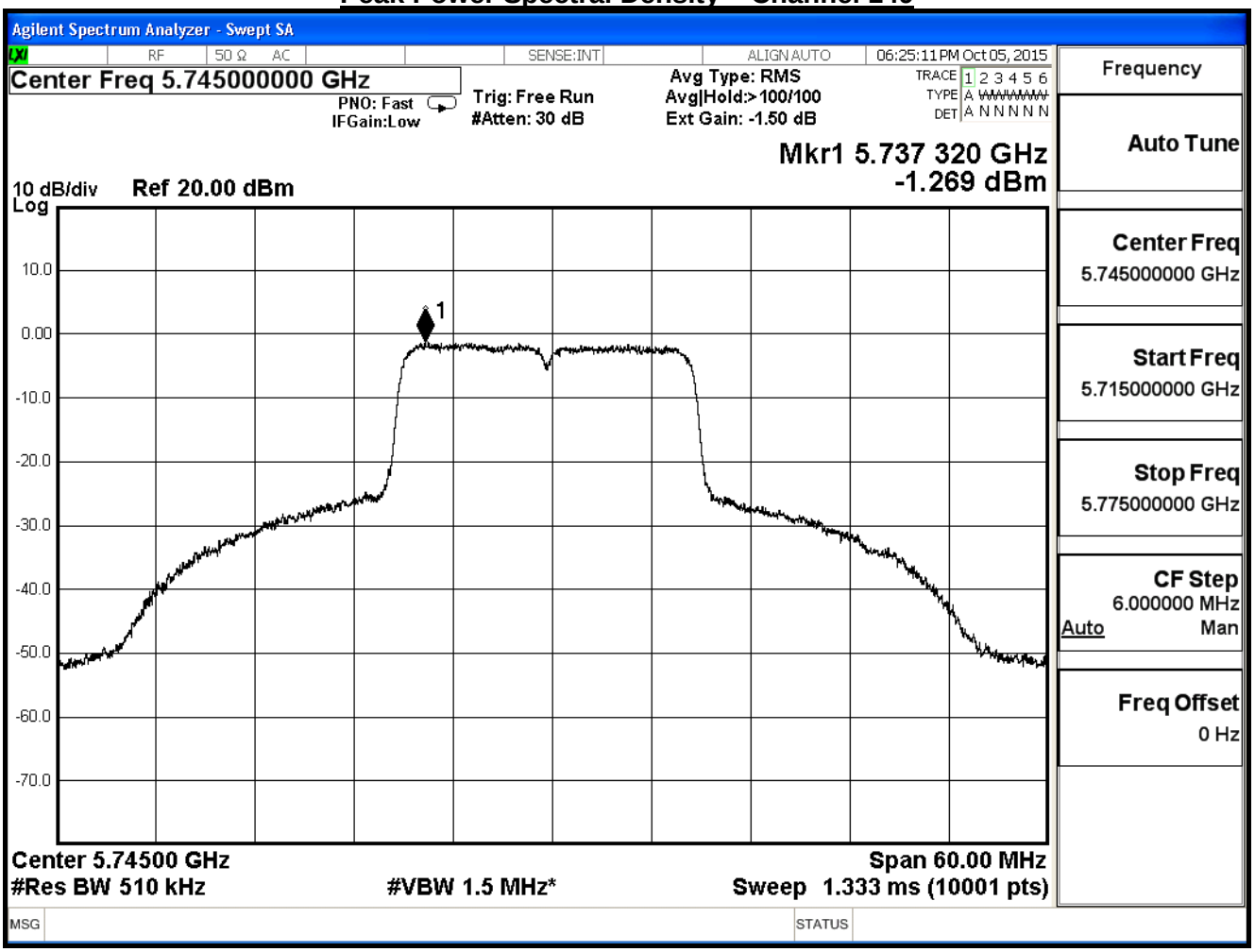
Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n_20M_ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-1.269	≦26.99	Pass
157	5785	1.703	≦26.99	Pass
165	5825	1.307	≦26.99	Pass

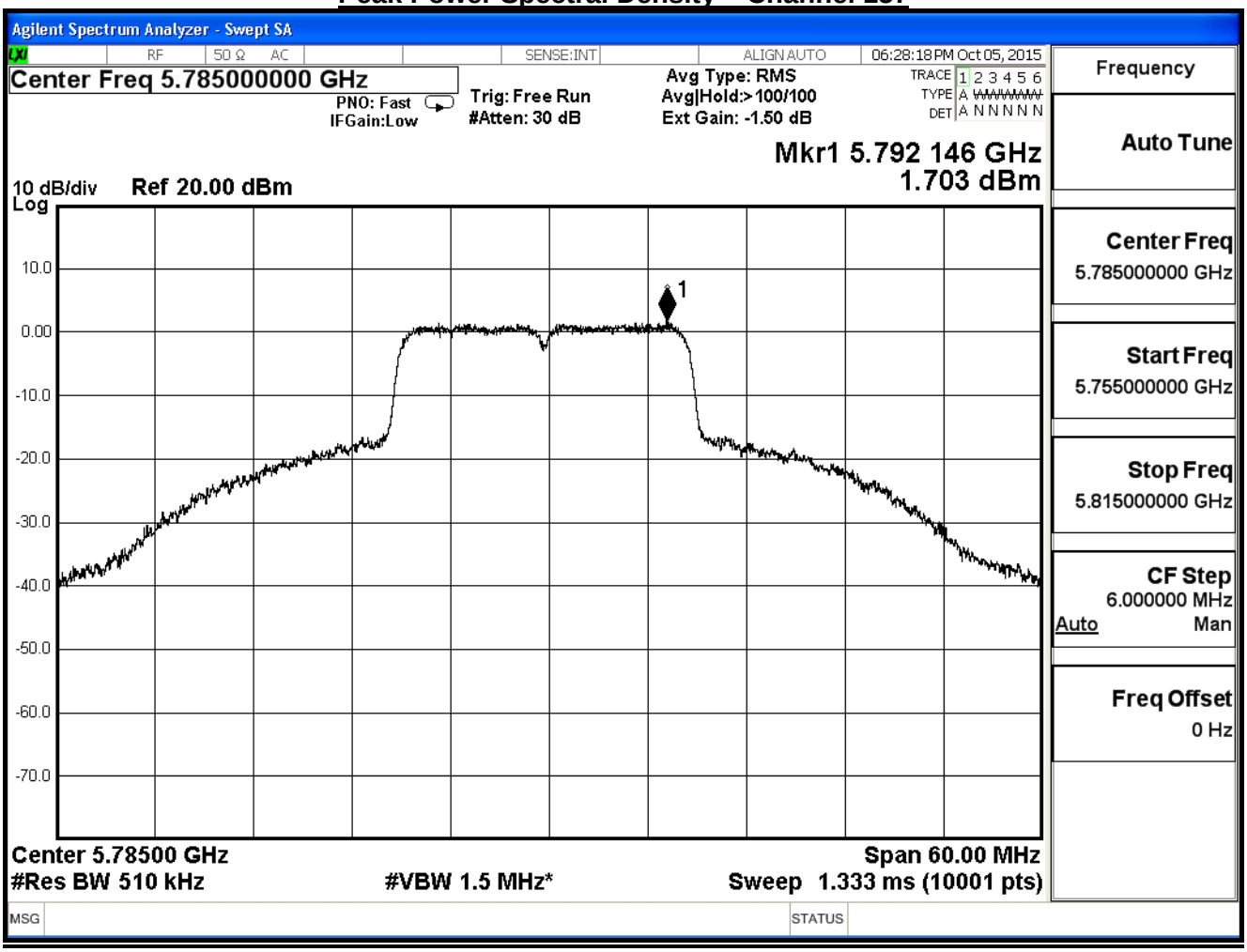
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

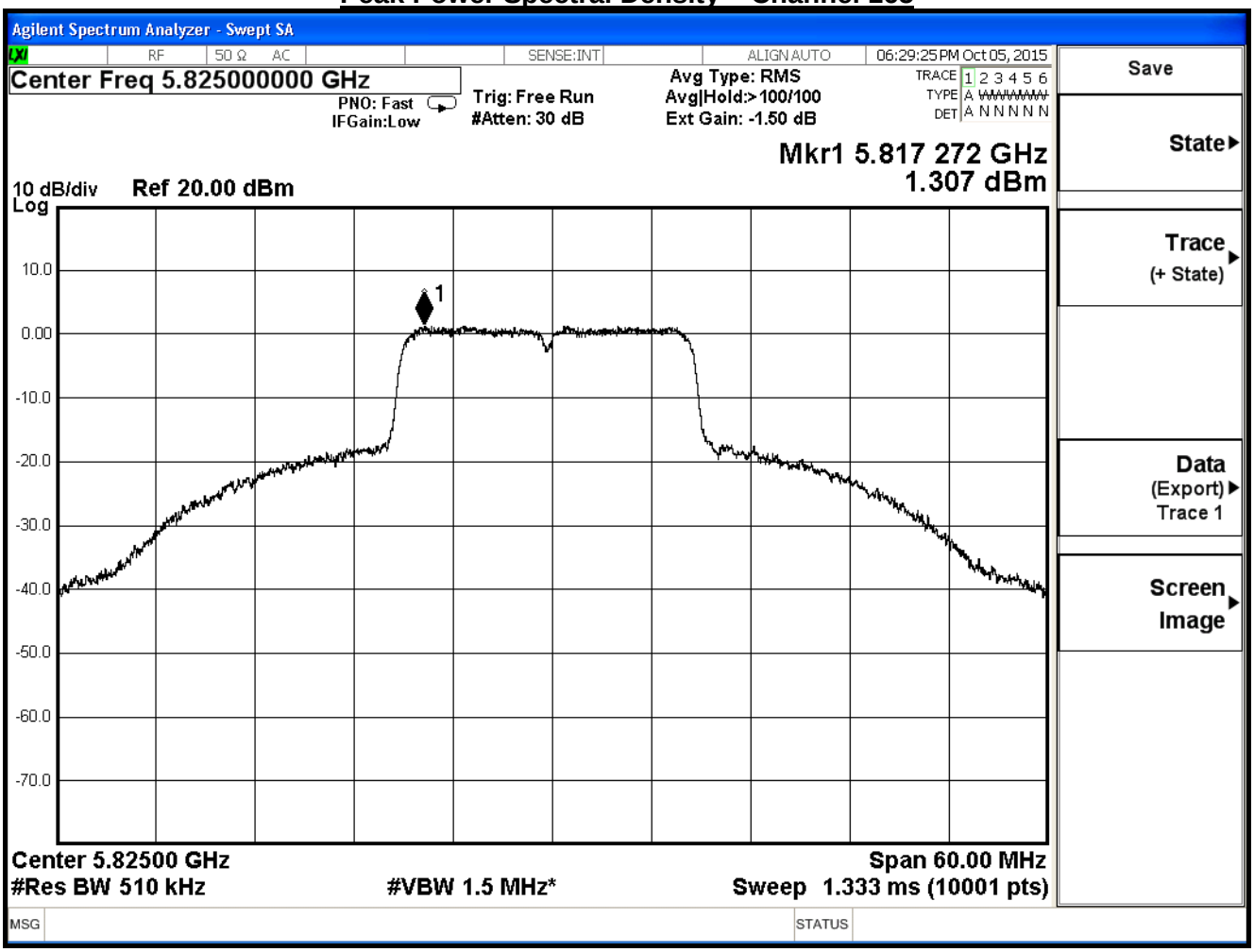
Peak Power Spectral Density – Channel 149



Peak Power Spectral Density – Channel 157



Peak Power Spectral Density – Channel 165



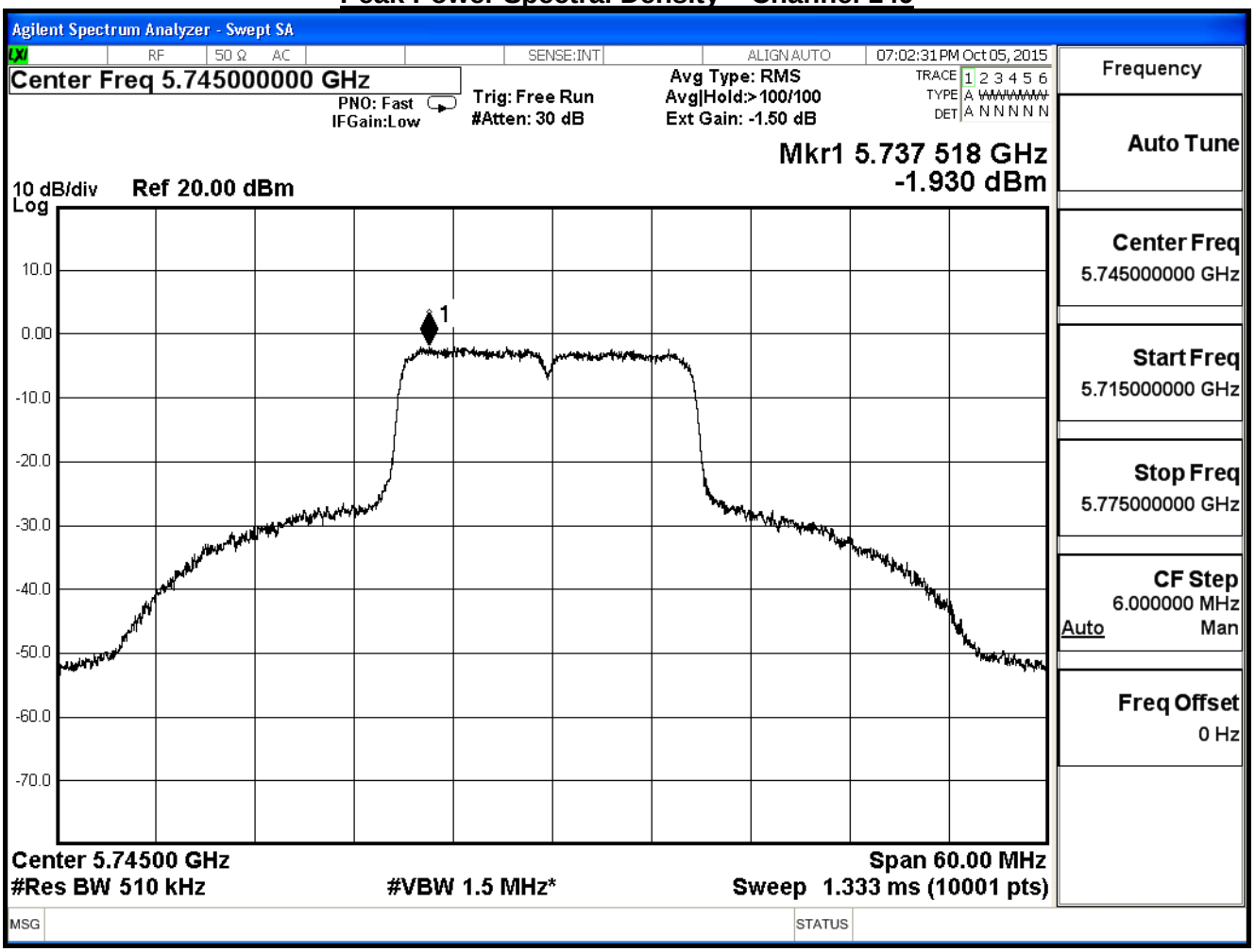
Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n_20M_ANT 1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	-1.930	≦26.99	Pass
157	5785	-1.011	≦26.99	Pass
165	5825	-1.533	≦26.99	Pass

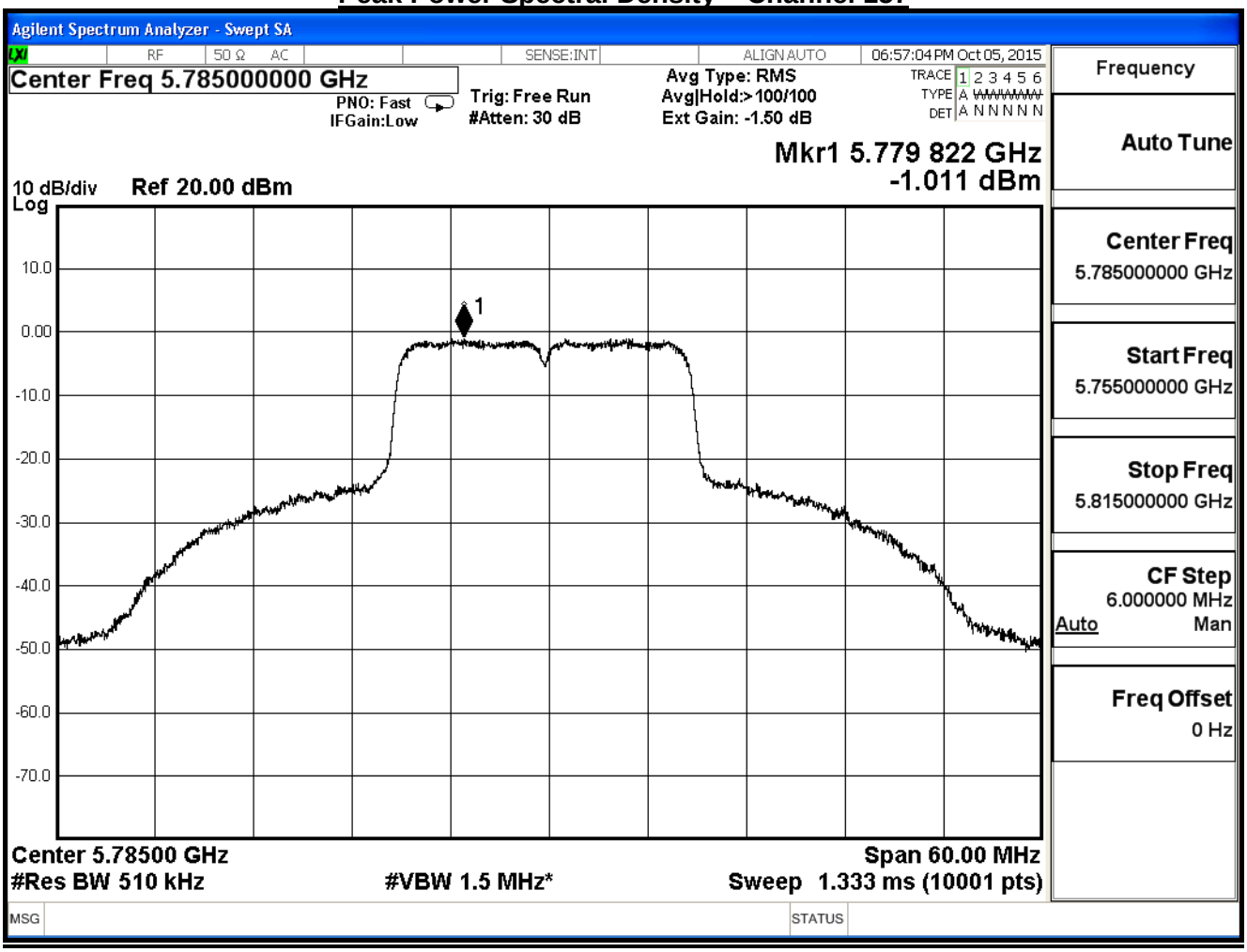
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

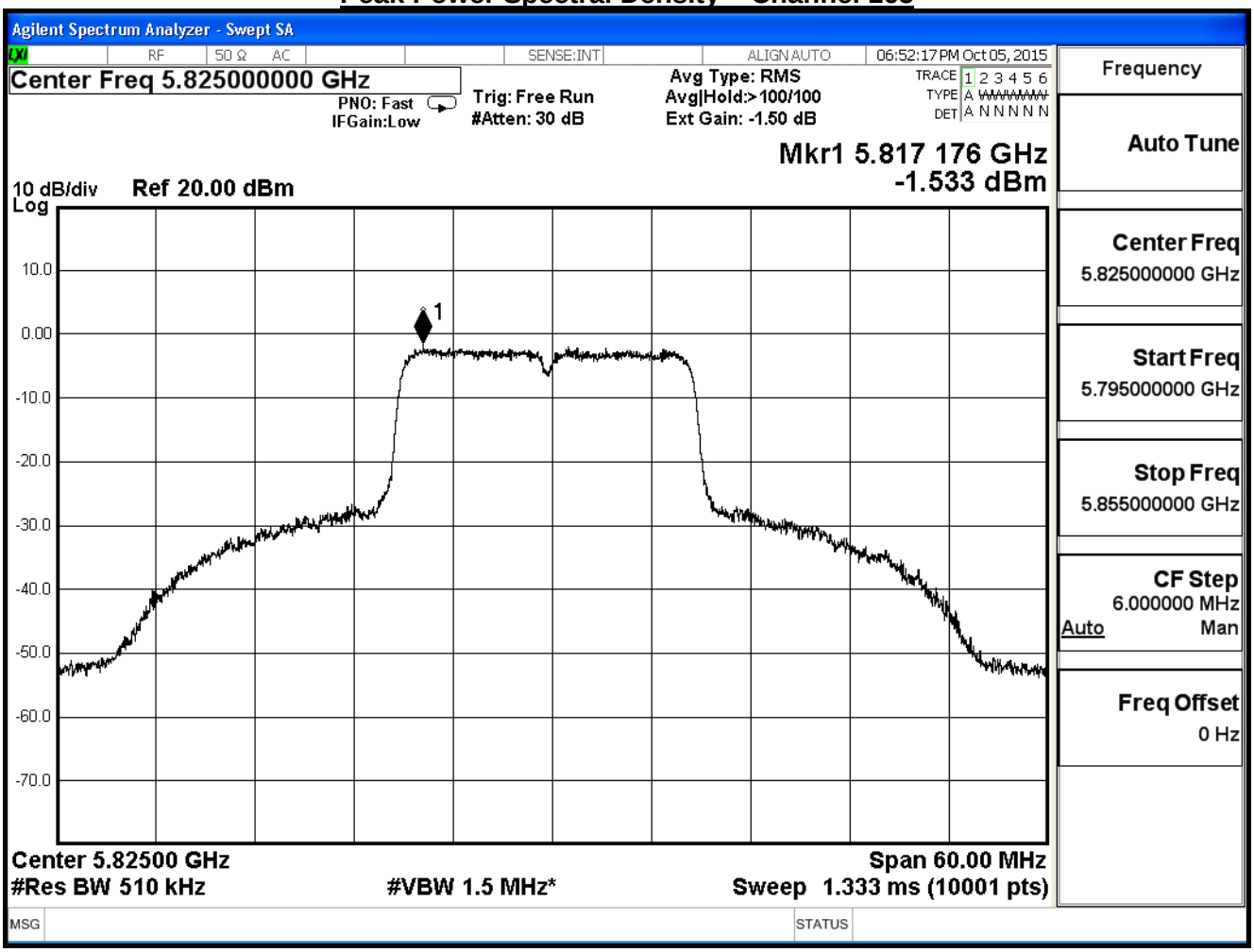
Peak Power Spectral Density – Channel 149



Peak Power Spectral Density – Channel 157



Peak Power Spectral Density – Channel 165



Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n(20MHz)_ANT 0+1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
149	5745	1.423	≦26.99	Pass
157	5785	3.565	≦26.99	Pass
165	5825	3.125	≦26.99	Pass

Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

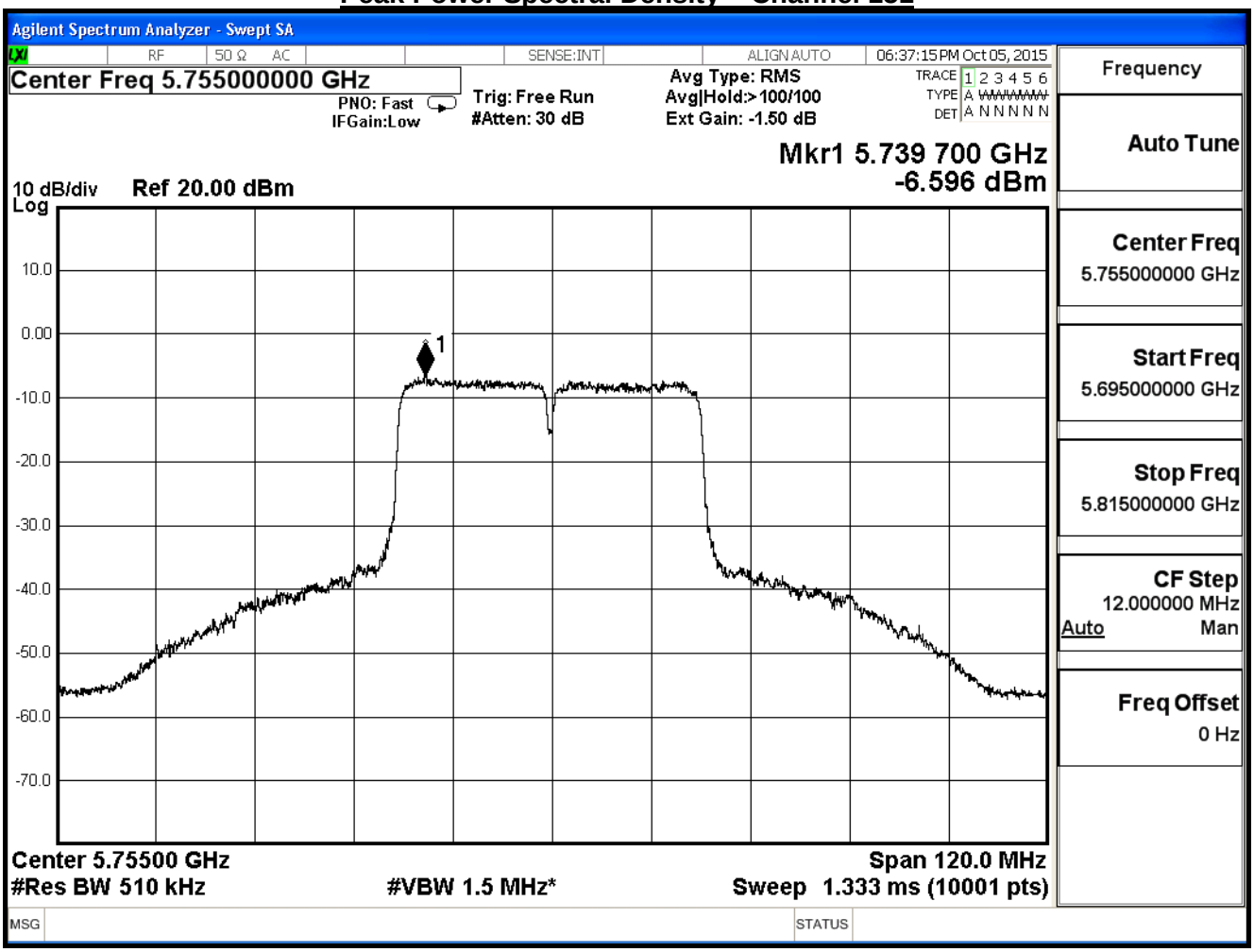
Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n_40M_ANT 0				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-6.596	≦26.99	Pass
159	5795	-1.661	≦26.99	Pass

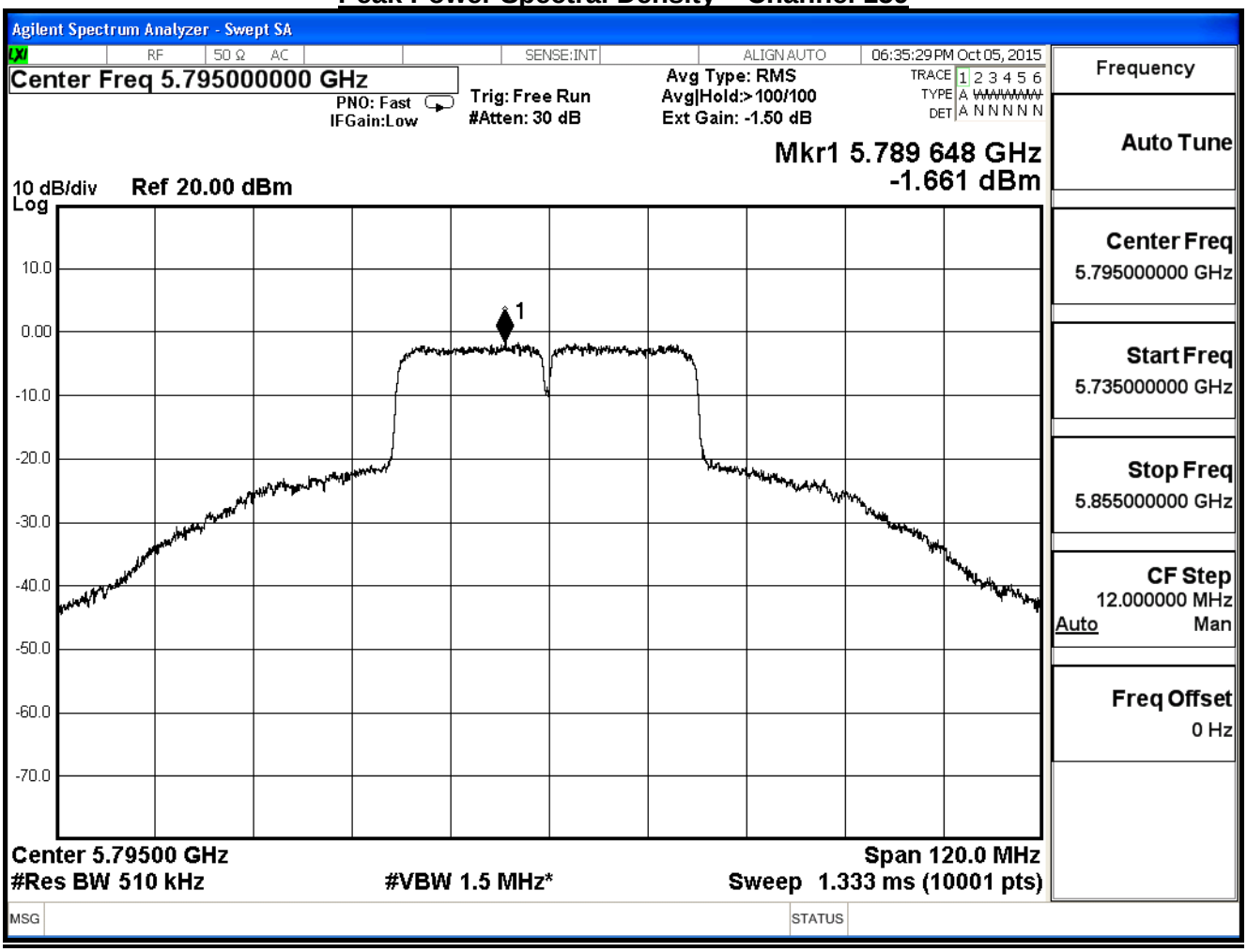
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

Peak Power Spectral Density – Channel 151



Peak Power Spectral Density – Channel 159



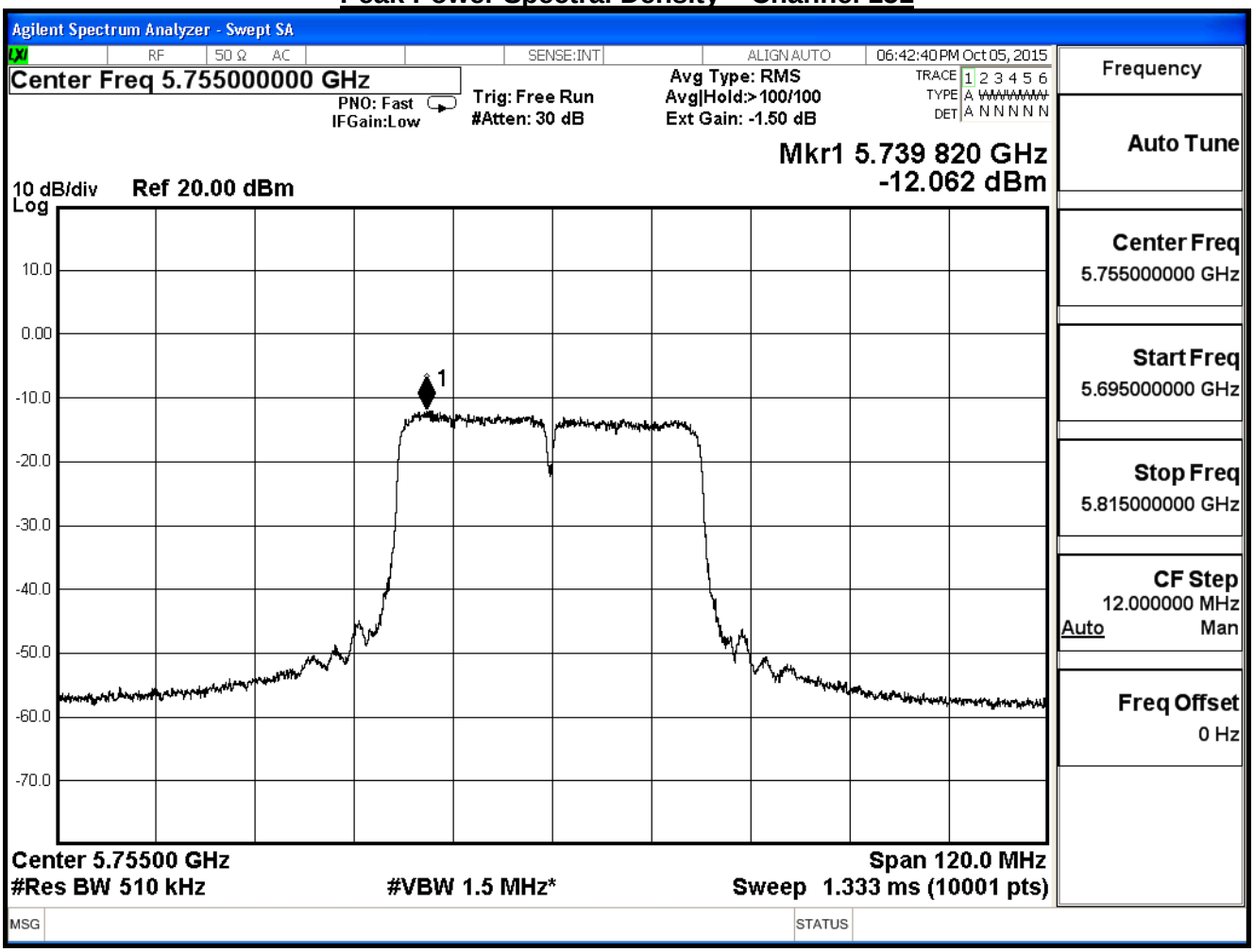
Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n_40M_ANT 1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-12.062	≦26.99	Pass
159	5795	-4.040	≦26.99	Pass

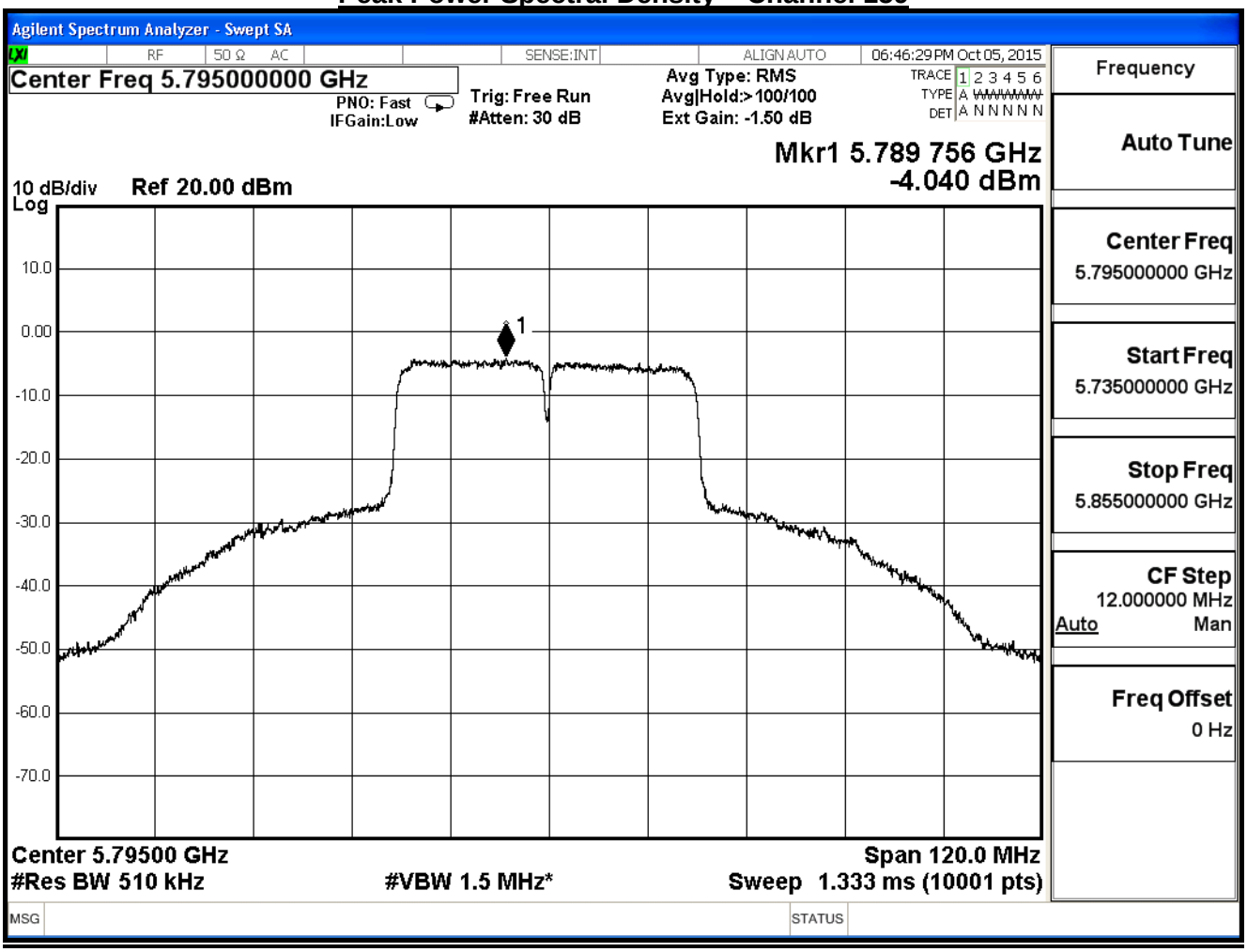
Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

Peak Power Spectral Density – Channel 151



Peak Power Spectral Density – Channel 159



Product	Mesh WiFi AP		
Test Item	Peak Power Spectral Density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

IEEE 802.11n_40M_ANT 0+1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
151	5755	-5.510	≦26.99	Pass
159	5795	0.321	≦26.99	Pass

Directional Antenna: 10log(Ant N)+Max Gain =10log(2)+6= 9.01dBi

Peak Transmit Output Limit:30dBm-(9.01dBi-6dB)= 26.99dBm

6. Radiated Emission

6.1. Test Equipment

The following test equipments are used during the radiated emission test:

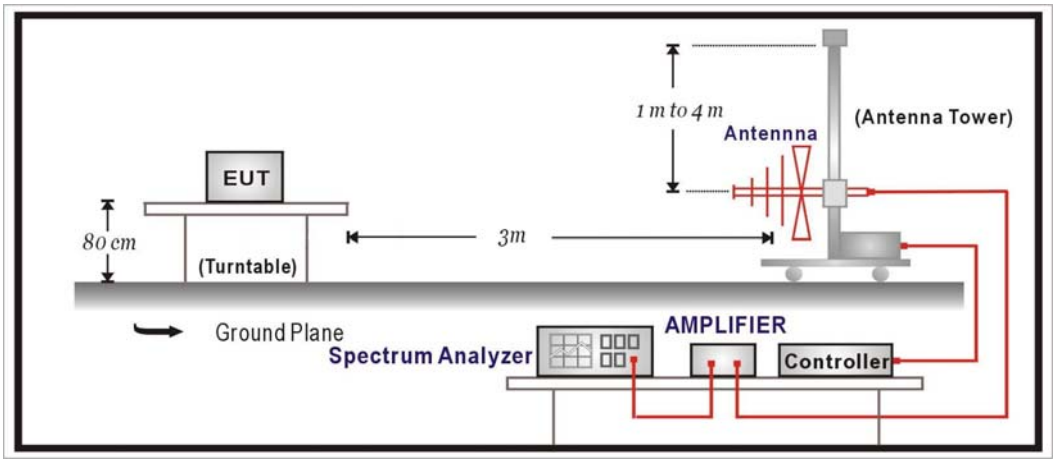
Radiated Emission / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	Schaffner	CBL6112B	2895	2016/08/14
Double Ridged Guide Horn Antenna	Schwarzbeck	BBHA 9120	D743	2016/01/26
Pre-Amplifier	EMCI	EMC0031835	980233	2016/01/18
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2016/01/18
Spectrum Analyzer	Agilent	E4440A	MY46187335	2016/01/07
k Type Cable	Huber+Suhner	SF 102	25623/2	2016/01/26
Horn Antenna	Schwarzbeck	BBHA 9170	203	2016/09/07
Signal & Spectrum Analyzer	R&S	FSV40	101049	2015/10/30

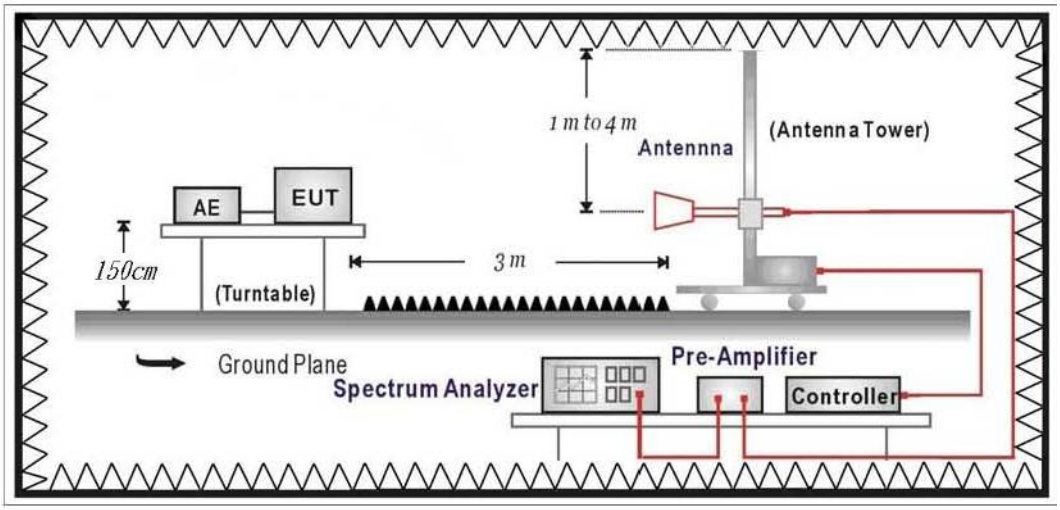
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

6.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



6.3. Limits

➢ General Radiated Emission Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remark:

1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

➢ Unwanted Emission out of the restricted bands Limits

FCC Part 15 Subpart C Paragraph 15.407(b) Limits		
Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength (dBuV/m@3m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
5725~5850	-27 (Note1)	68.3
	-17 (Note2)	78.3

Remark:

1. For frequencies more than 10 MHz above or below the band edges.
2. For frequency range from the band edges to 10 MHz above or below the band edges.
3. uV/m = $\frac{1000000\sqrt{30 \times EIRP}}{3}$, RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

6.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 and 1.5 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 on radiated measurement.
The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field dtrength of harmonics measurement.
The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.
The frequency range from 30MHz to 10th harminics is checked.

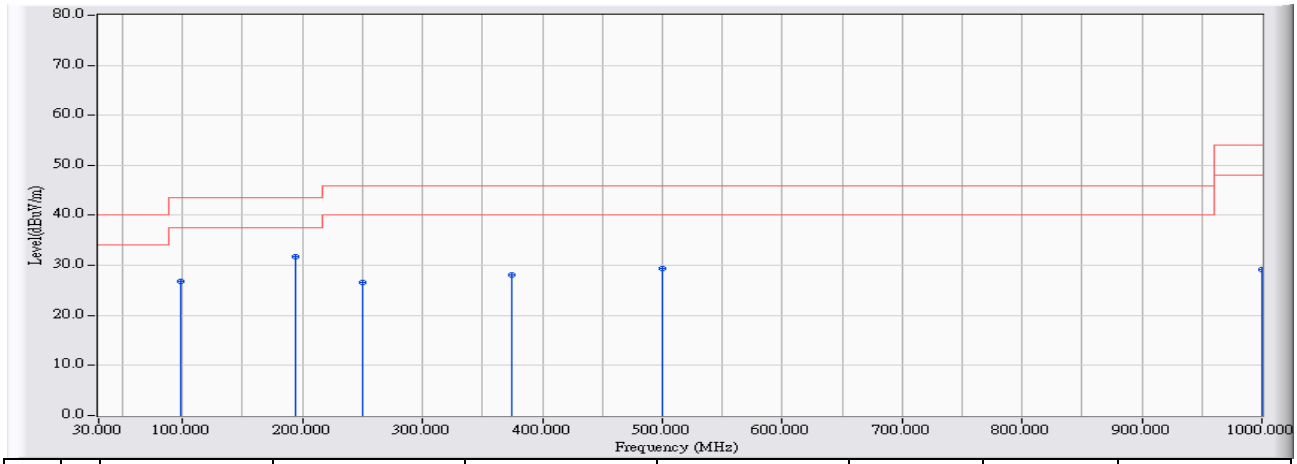
6.5. Uncertainty

The measurement uncertainty
30MHz～1GHz as ±3.43dB
1GHz～26.5Ghz as ±3.65dB

6.6. Test Result

30MHz-1GHz Spurious

Site : CB3	**Time : 2015/10/12 - 13:10**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB3_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5220MHz**

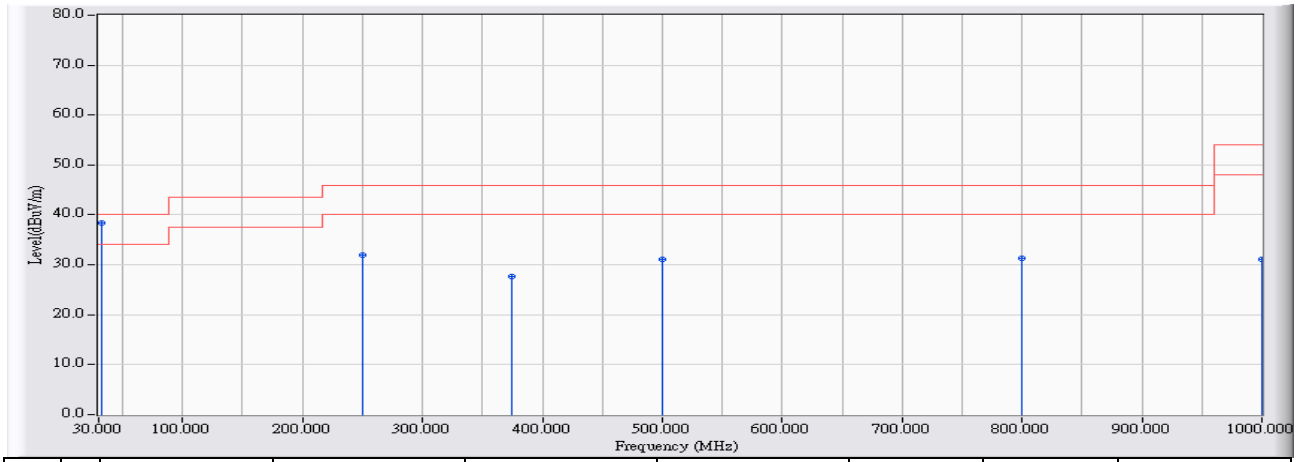


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		98.351	9.456	17.402	26.858	-16.642	43.500	QUASIPEAK
2	*	193.848	8.194	23.544	31.738	-11.762	43.500	QUASIPEAK
3		249.595	11.849	14.763	26.612	-19.388	46.000	QUASIPEAK
4		374.663	14.546	13.560	28.106	-17.894	46.000	QUASIPEAK
5		499.730	17.175	12.276	29.451	-16.549	46.000	QUASIPEAK
6		999.515	20.285	8.887	29.172	-24.828	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2015/10/12 - 13:15**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5220MHz**

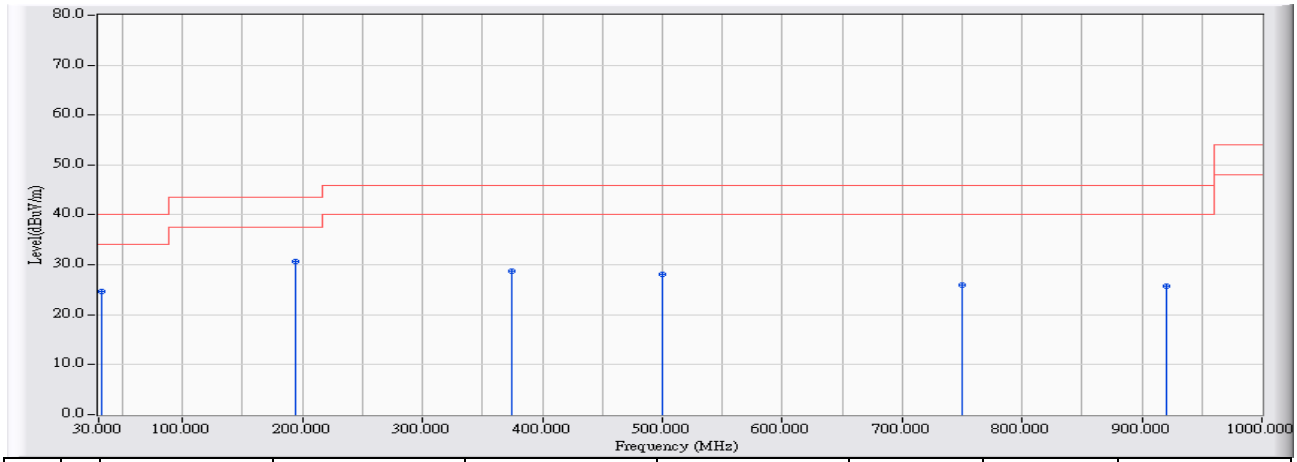


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	32.424	13.258	25.239	38.497	-1.503	40.000	QUASIPEAK
2		249.595	11.849	20.147	31.996	-14.004	46.000	QUASIPEAK
3		374.663	14.546	13.224	27.770	-18.230	46.000	QUASIPEAK
4		499.730	17.175	13.881	31.056	-14.944	46.000	QUASIPEAK
5		799.795	19.211	12.141	31.351	-14.649	46.000	QUASIPEAK
6		999.515	20.285	10.913	31.198	-22.802	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2015/10/12 - 13:20**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M) _5220MHz**

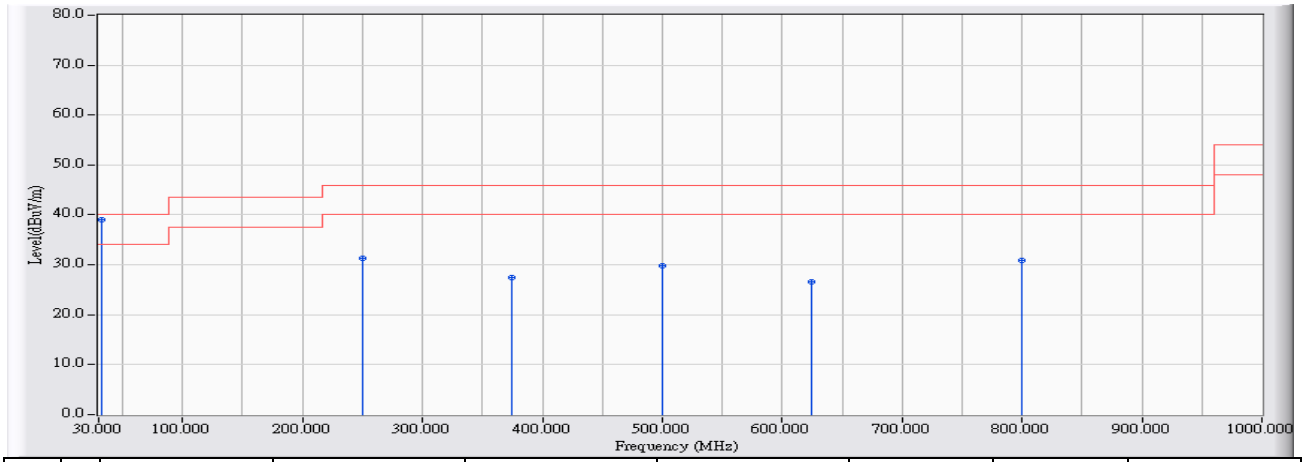


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		31.939	13.388	11.211	24.598	-15.402	40.000	QUASIPEAK
2	*	193.848	8.194	22.381	30.575	-12.925	43.500	QUASIPEAK
3		374.663	14.546	14.183	28.729	-17.271	46.000	QUASIPEAK
4		499.730	17.175	10.958	28.133	-17.867	46.000	QUASIPEAK
5		749.865	18.602	7.433	26.035	-19.965	46.000	QUASIPEAK
6		920.984	19.643	6.142	25.786	-20.214	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2015/10/12 - 13:25**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M) _5220MHz**

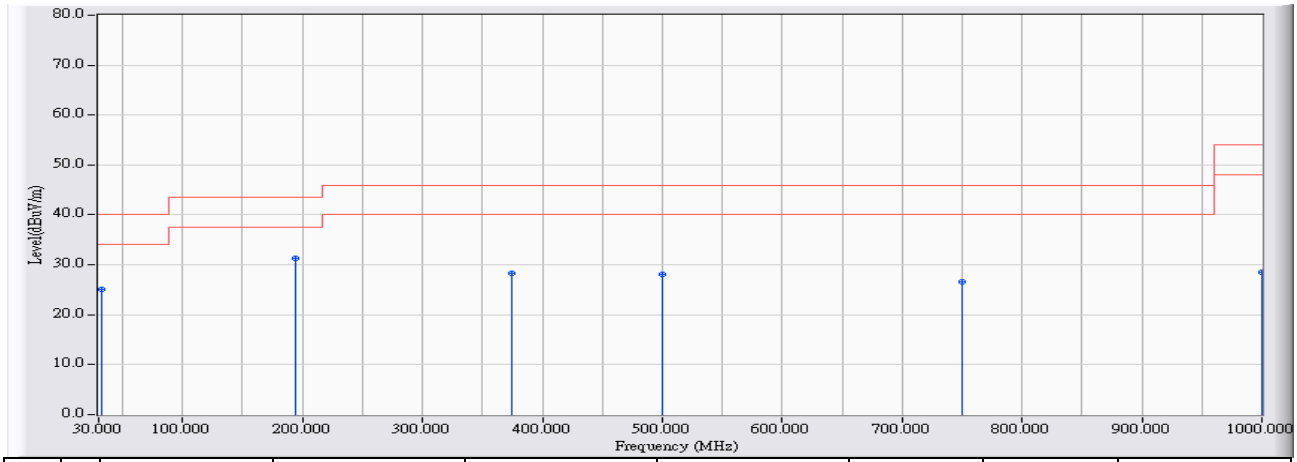


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	32.424	13.258	25.684	38.942	-1.058	40.000	QUASIPEAK
2		249.595	11.849	19.549	31.398	-14.602	46.000	QUASIPEAK
3		374.663	14.546	13.006	27.552	-18.448	46.000	QUASIPEAK
4		499.730	17.175	12.614	29.789	-16.211	46.000	QUASIPEAK
5		624.798	17.610	8.969	26.579	-19.421	46.000	QUASIPEAK
6		799.795	19.211	11.738	30.948	-15.052	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2015/10/12 - 13:30**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M) _5230MHz**

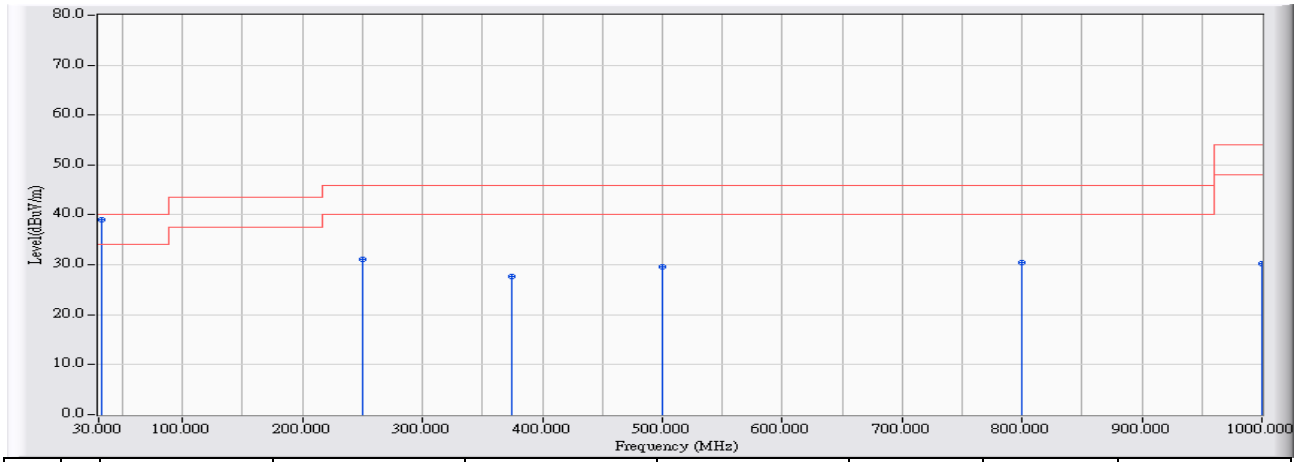


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		32.424	13.258	11.827	25.085	-14.915	40.000	QUASIPEAK
2	*	193.848	8.194	23.030	31.224	-12.276	43.500	QUASIPEAK
3		374.663	14.546	13.859	28.405	-17.595	46.000	QUASIPEAK
4		499.730	17.175	10.844	28.019	-17.981	46.000	QUASIPEAK
5		749.865	18.602	7.945	26.547	-19.453	46.000	QUASIPEAK
6		999.515	20.285	8.290	28.575	-25.425	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2015/10/12 - 13:35**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40)M_5230MHz**

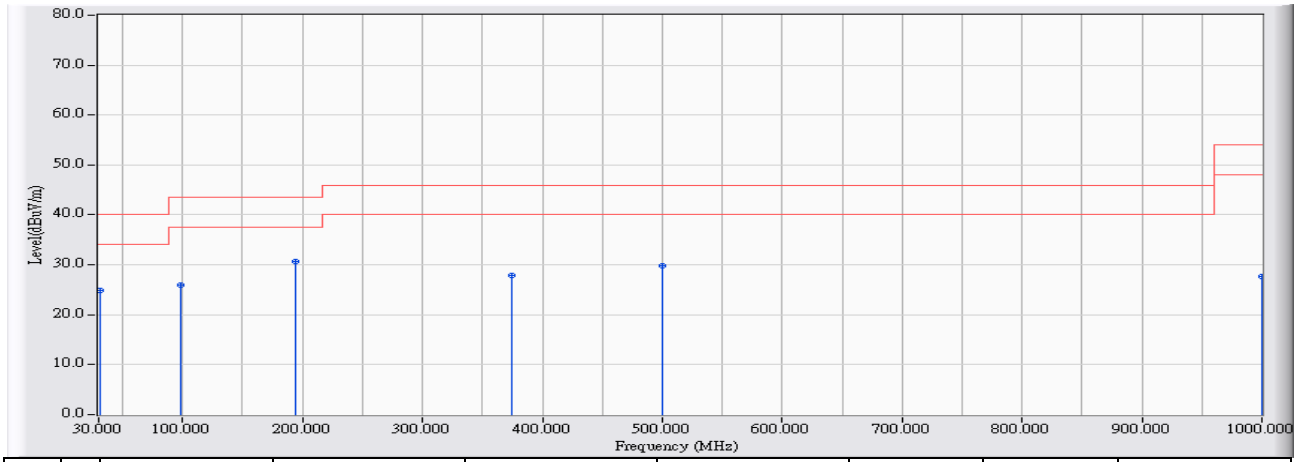


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	32.424	13.258	25.715	38.973	-1.027	40.000	QUASIPEAK
2		249.595	11.849	19.248	31.097	-14.903	46.000	QUASIPEAK
3		374.663	14.546	13.035	27.581	-18.419	46.000	QUASIPEAK
4		499.730	17.175	12.481	29.656	-16.344	46.000	QUASIPEAK
5		799.795	19.211	11.348	30.558	-15.442	46.000	QUASIPEAK
6		999.515	20.285	10.006	30.291	-23.709	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2015/10/12 - 13:50**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5785MHz**

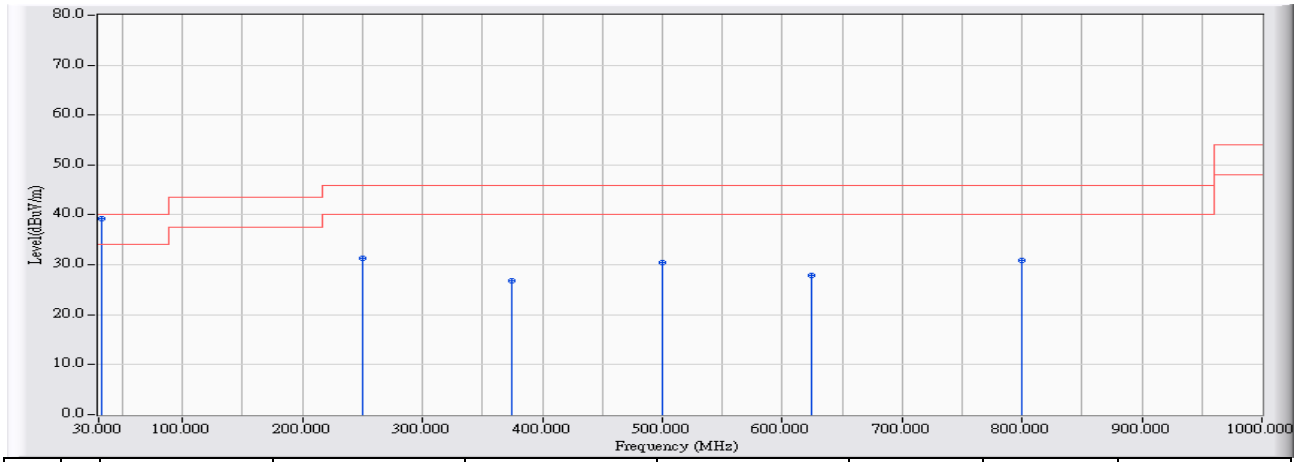


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		31.454	13.517	11.398	24.915	-15.085	40.000	QUASIPEAK
2		98.351	9.456	16.481	25.937	-17.563	43.500	QUASIPEAK
3	*	193.848	8.194	22.446	30.640	-12.860	43.500	QUASIPEAK
4		374.663	14.546	13.299	27.845	-18.155	46.000	QUASIPEAK
5		499.730	17.175	12.612	29.787	-16.213	46.000	QUASIPEAK
6		999.515	20.285	7.410	27.695	-26.305	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2015/10/12 - 13:55**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5785MHz**

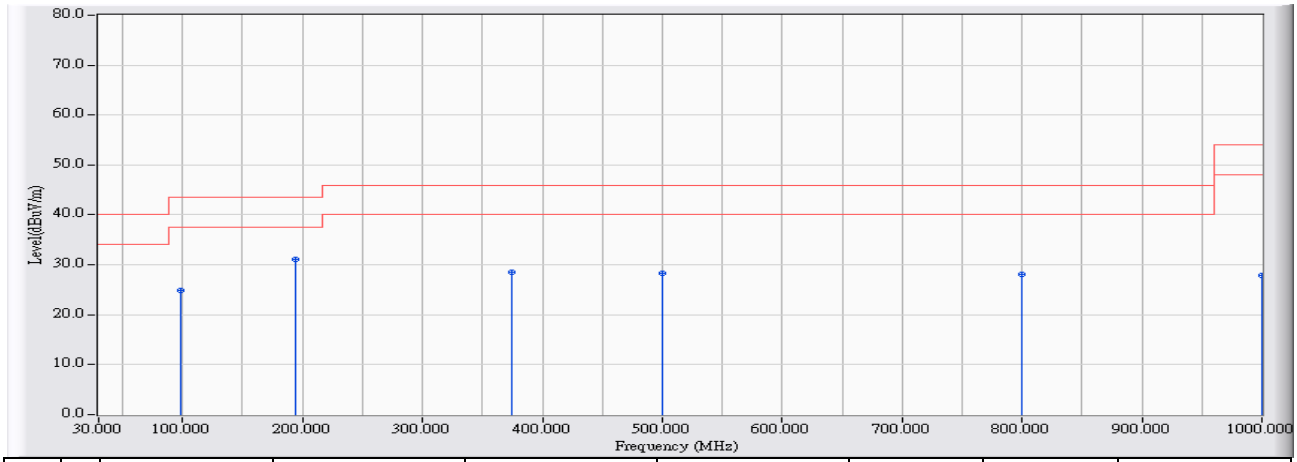


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	32.424	13.258	25.985	39.243	-0.757	40.000	QUASIPEAK
2		249.595	11.849	19.479	31.328	-14.672	46.000	QUASIPEAK
3		374.663	14.546	12.265	26.811	-19.189	46.000	QUASIPEAK
4		499.730	17.175	13.374	30.549	-15.451	46.000	QUASIPEAK
5		624.798	17.610	10.301	27.911	-18.089	46.000	QUASIPEAK
6		799.795	19.211	11.647	30.857	-15.143	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2015/10/12 – 14:00**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5785MHz**

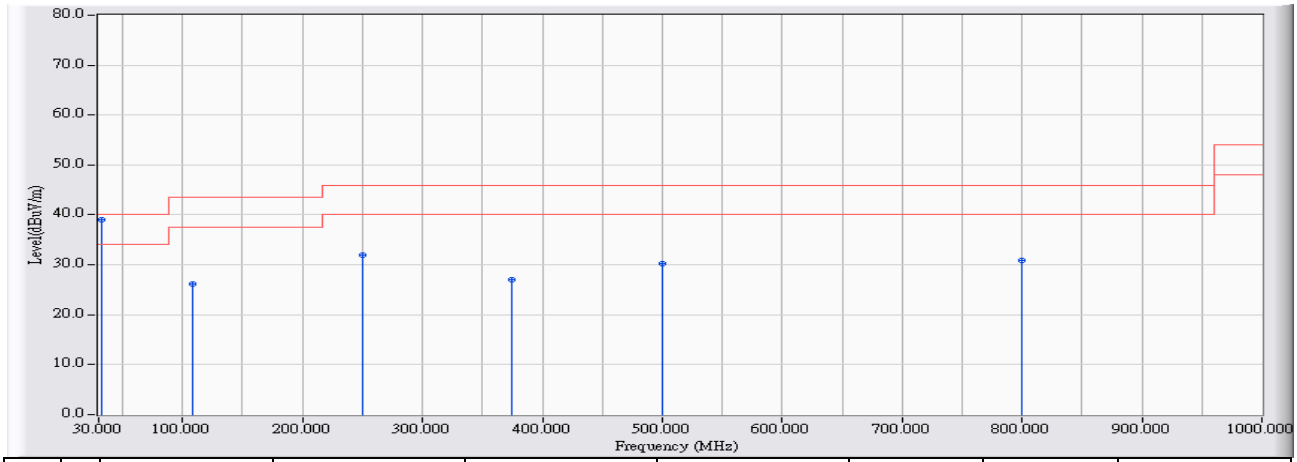


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		98.351	9.456	15.388	24.844	-18.656	43.500	QUASIPEAK
2	*	193.848	8.194	22.865	31.059	-12.441	43.500	QUASIPEAK
3		374.663	14.546	14.032	28.578	-17.422	46.000	QUASIPEAK
4		499.730	17.175	11.173	28.348	-17.652	46.000	QUASIPEAK
5		799.795	19.211	8.926	28.136	-17.864	46.000	QUASIPEAK
6		999.515	20.285	7.654	27.939	-26.061	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2015/10/12 – 14:05**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5785MHz**

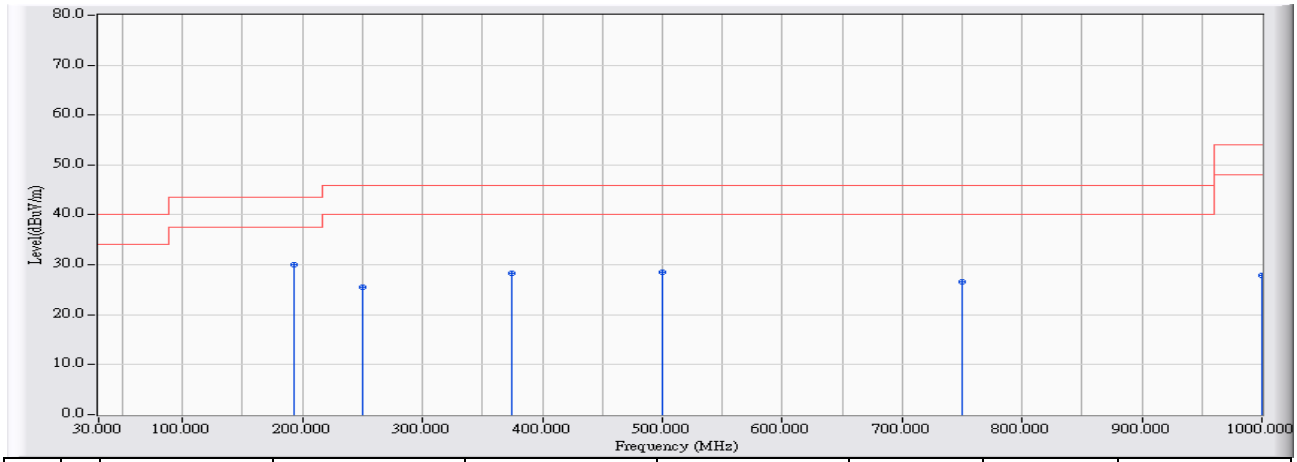


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	32.424	13.258	25.768	39.026	-0.974	40.000	QUASIPEAK
2		108.531	10.259	15.900	26.159	-17.341	43.500	QUASIPEAK
3		249.595	11.849	20.160	32.009	-13.991	46.000	QUASIPEAK
4		374.663	14.546	12.391	26.937	-19.063	46.000	QUASIPEAK
5		499.730	17.175	13.032	30.207	-15.793	46.000	QUASIPEAK
6		799.795	19.211	11.637	30.847	-15.153	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2015/10/12 - 14:10**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5795MHz**

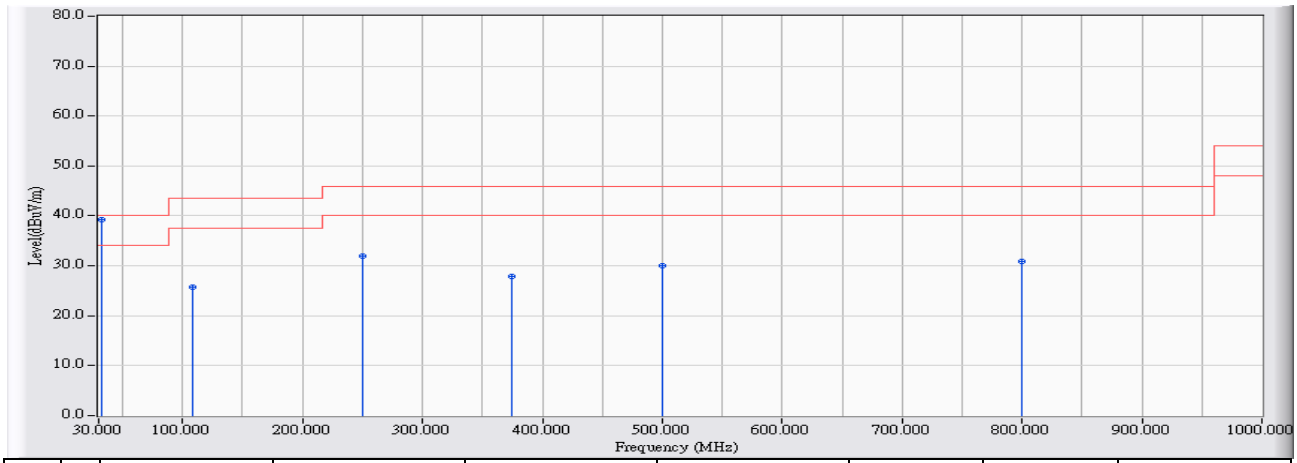


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	193.363	8.197	21.760	29.957	-13.543	43.500	QUASIPEAK
2		249.595	11.849	13.772	25.621	-20.379	46.000	QUASIPEAK
3		374.663	14.546	13.710	28.256	-17.744	46.000	QUASIPEAK
4		499.730	17.175	11.266	28.441	-17.559	46.000	QUASIPEAK
5		749.865	18.602	8.000	26.602	-19.398	46.000	QUASIPEAK
6		999.515	20.285	7.515	27.800	-26.200	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2015/10/12 - 14:15**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : CB1_FCC_EFS_30-1G-2_1011 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5795MHz**



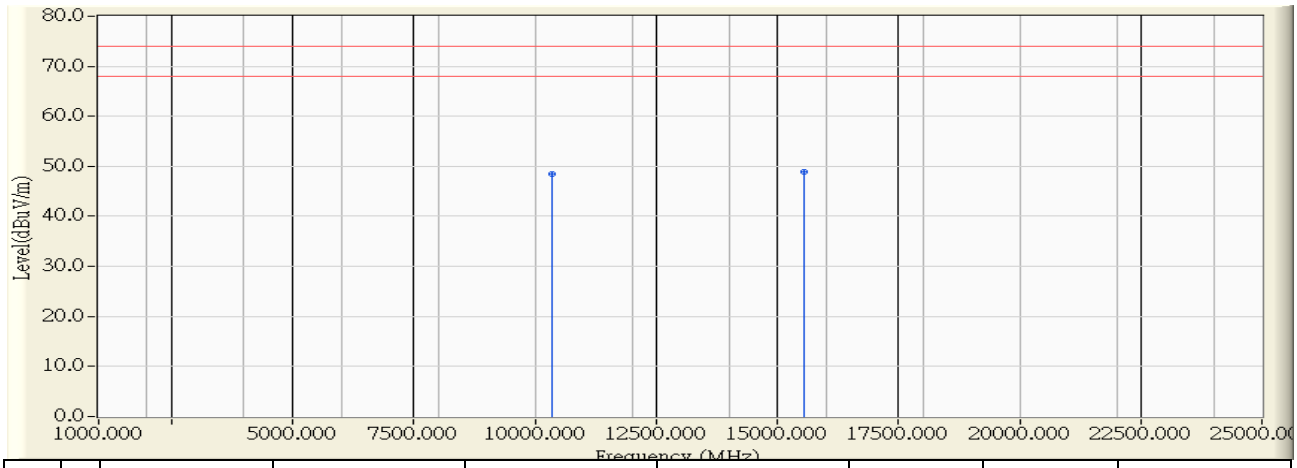
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	32.424	13.258	25.891	39.149	-0.851	40.000	QUASIPEAK
2		108.531	10.259	15.578	25.837	-17.663	43.500	QUASIPEAK
3		249.595	11.849	20.045	31.894	-14.106	46.000	QUASIPEAK
4		374.663	14.546	13.385	27.931	-18.069	46.000	QUASIPEAK
5		499.730	17.175	12.858	30.033	-15.967	46.000	QUASIPEAK
6		799.795	19.211	11.714	30.924	-15.076	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Harmonic & Spurious:

Site : CB1	**Time : 2015/10/03 - 16:32**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5180MHz**

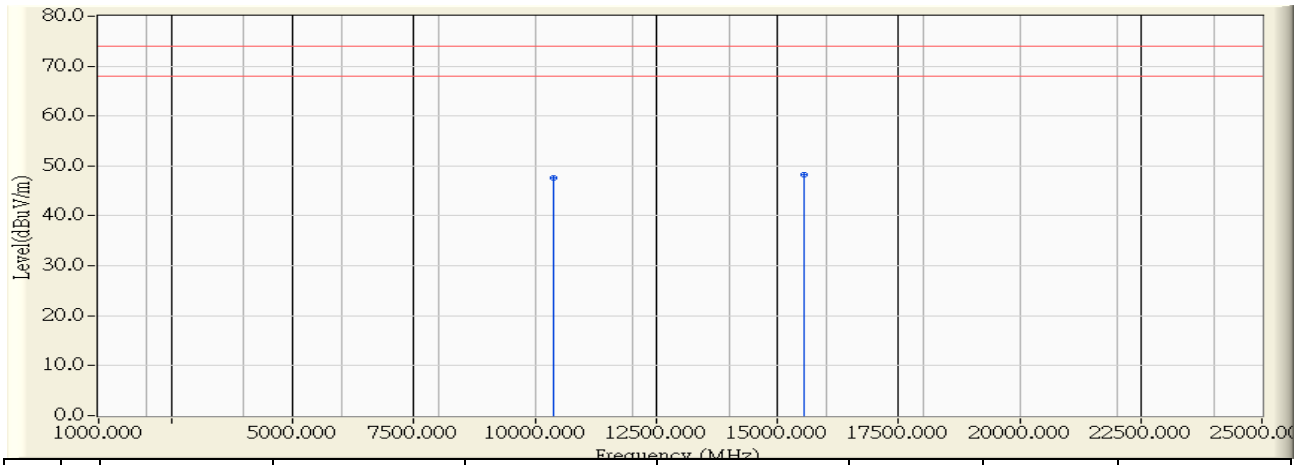


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10349.160	9.169	39.210	48.379	-25.621	74.000	PEAK
2	*	15546.360	9.734	39.130	48.864	-25.136	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 16:40**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5180MHz**

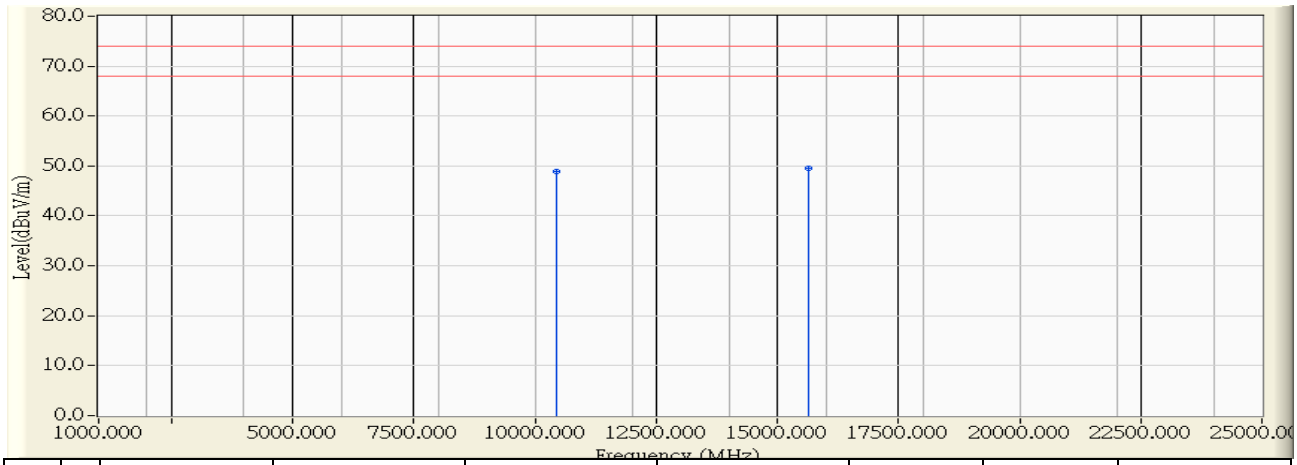


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10370.540	8.539	39.050	47.589	-26.411	74.000	PEAK
2	*	15558.020	9.724	38.590	48.314	-25.686	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 16:48**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5220MHz**

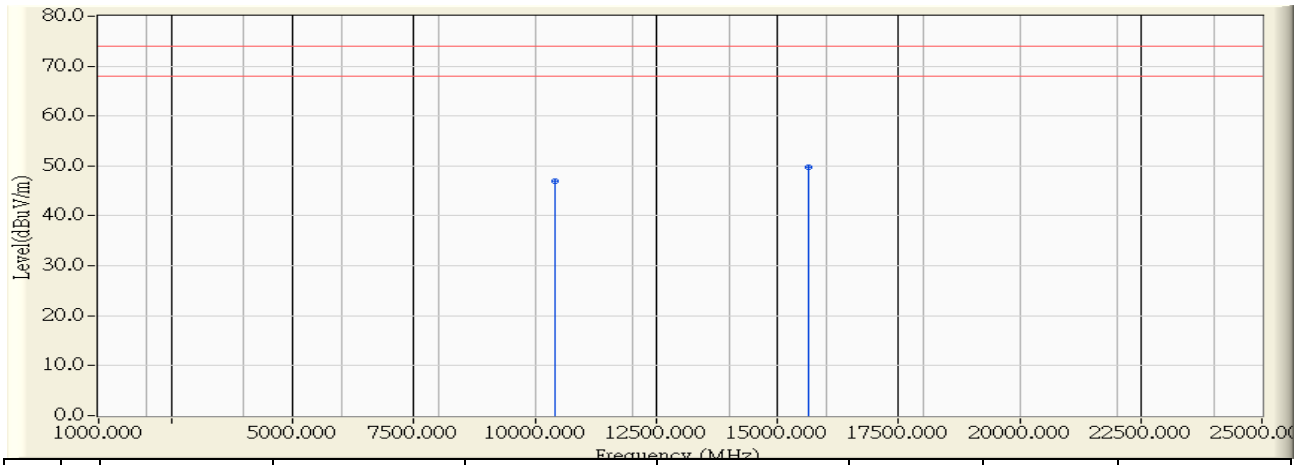


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10436.000	9.097	39.700	48.797	-25.203	74.000	PEAK
2	*	15660.000	9.633	39.980	49.614	-24.386	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 16:54**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5220MHz**

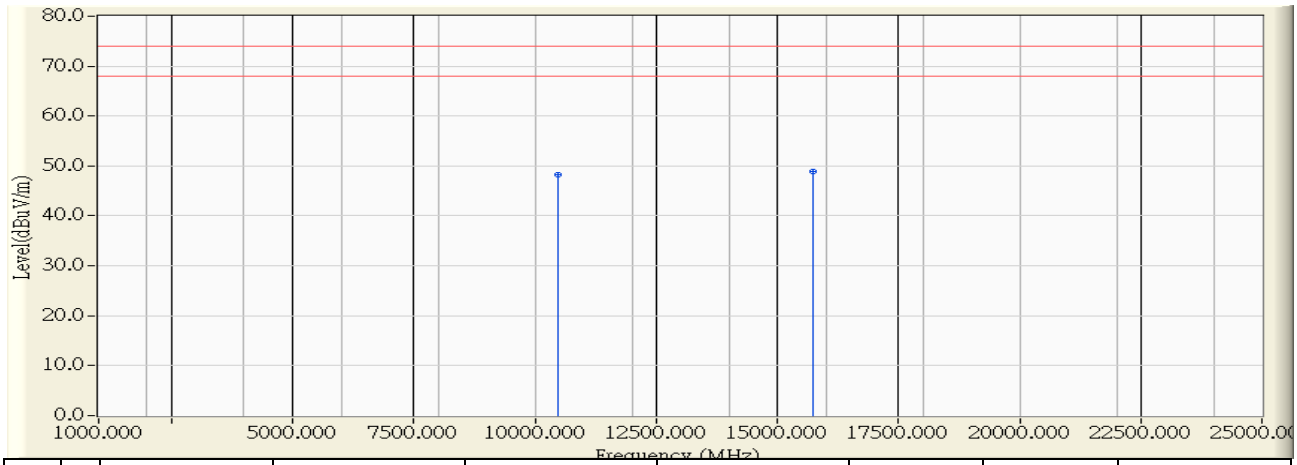


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10421.000	8.547	38.400	46.947	-27.053	74.000	PEAK
2	*	15658.980	9.635	40.120	49.755	-4.245	54.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 17:00**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5240MHz**

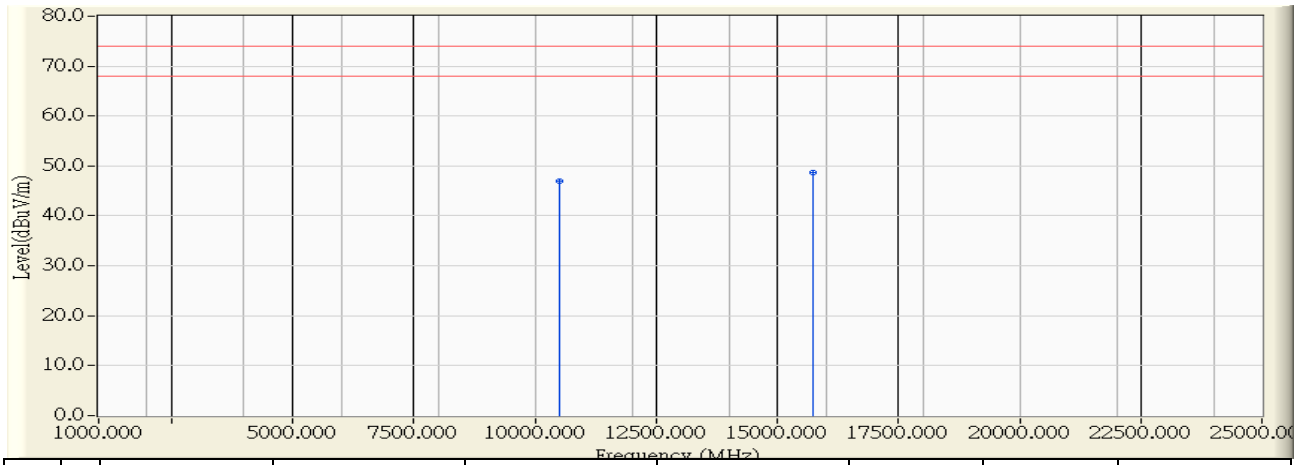


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10470.920	9.070	39.180	48.250	-25.750	74.000	PEAK
2	*	15730.180	9.573	39.310	48.882	-25.118	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 17:07**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5240MHz**

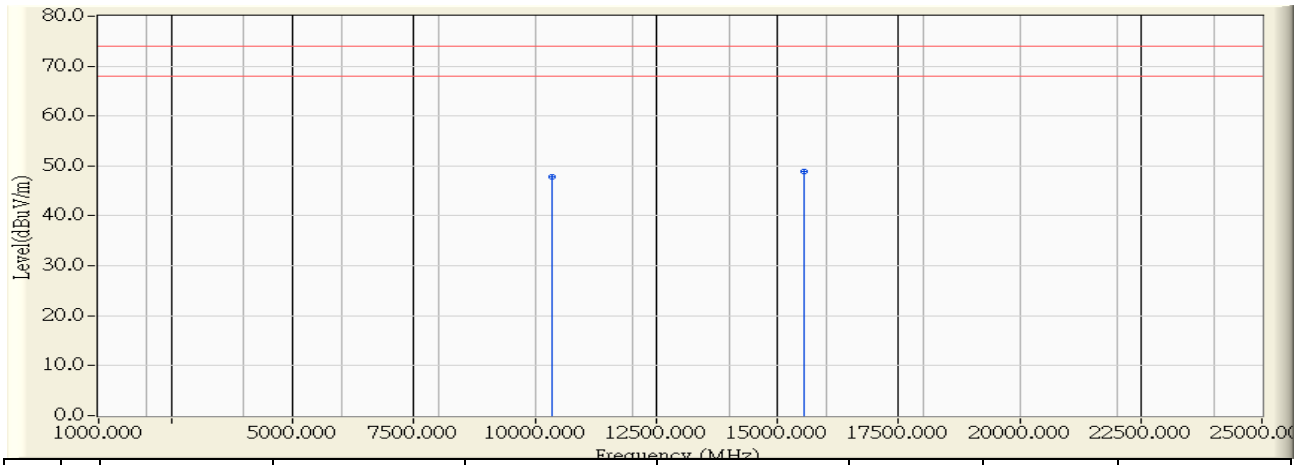


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10499.800	8.653	38.260	46.913	-27.087	74.000	PEAK
2	*	15730.900	9.571	39.070	48.641	-25.359	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 17:12**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5180MHz**

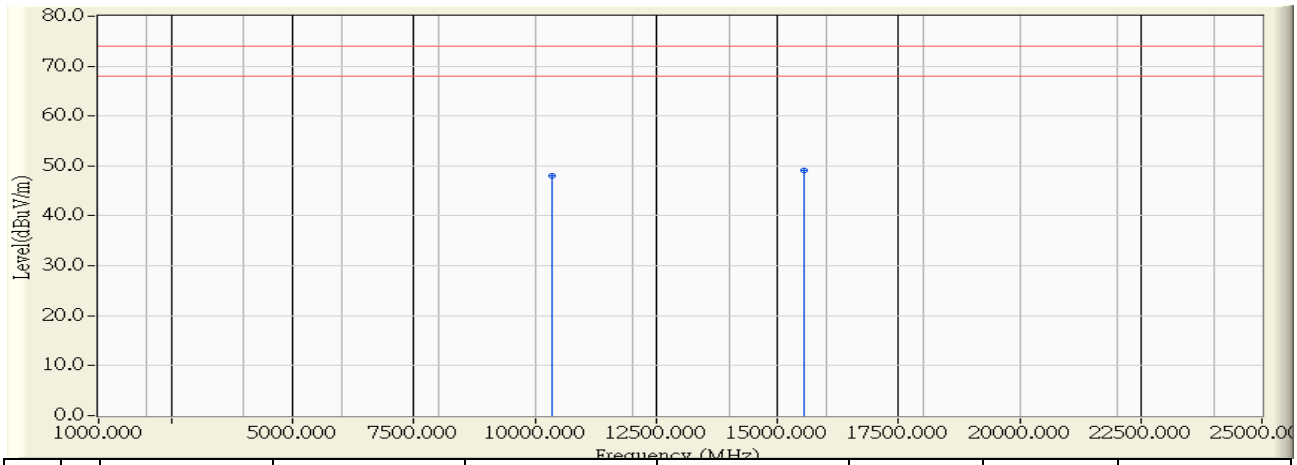


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10356.820	9.163	38.690	47.853	-26.147	74.000	PEAK
2	*	15540.200	9.740	39.170	48.910	-25.090	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 17:19**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5180MHz**

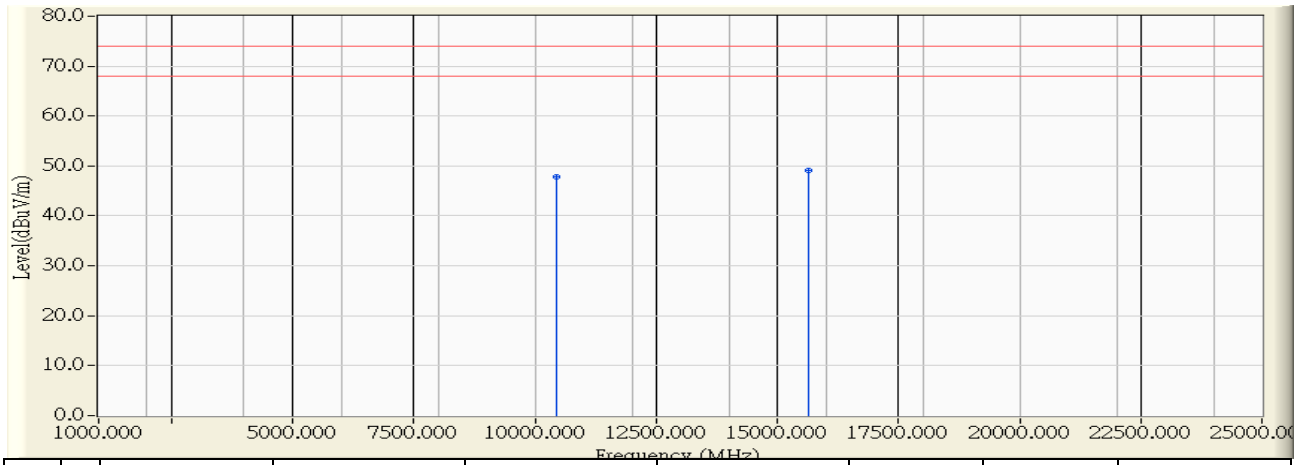


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10349.520	8.535	39.490	48.025	-25.975	74.000	PEAK
2	*	15553.680	9.727	39.440	49.168	-24.832	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 17:26**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5220MHz**

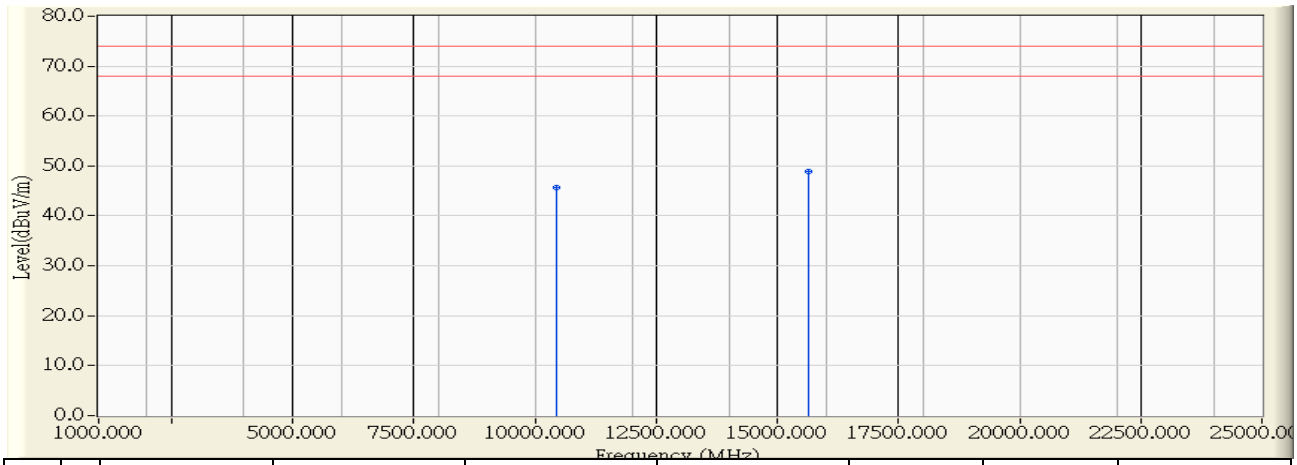


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10431.100	8.549	39.240	47.789	-26.211	74.000	PEAK
2	*	15659.500	9.634	39.410	49.044	-24.956	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 17:33**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5220MHz**

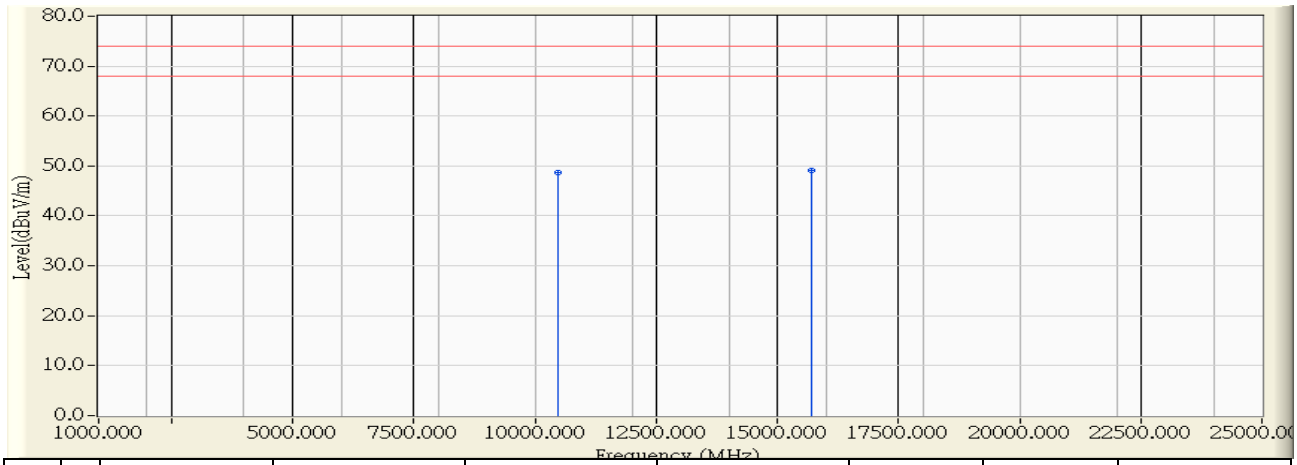


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10438.980	8.550	37.100	45.650	-28.350	74.000	PEAK
2	*	15656.480	9.637	39.170	48.807	-25.193	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 17:40**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5240MHz**

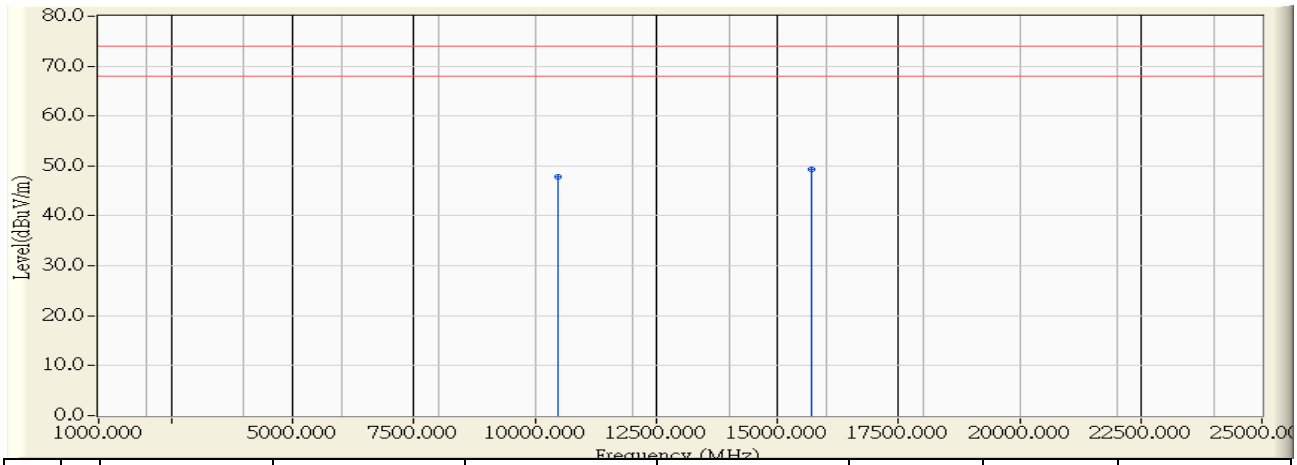


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10480.000	9.071	39.660	48.731	-25.269	74.000	PEAK
2	*	15711.340	9.589	39.570	49.159	-24.841	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 17:46**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5240MHz**

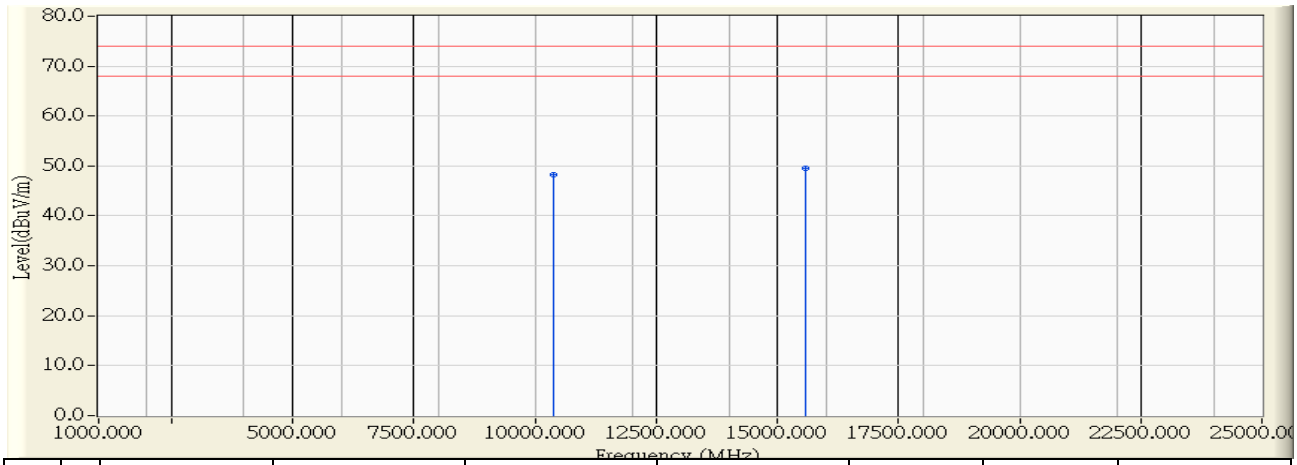


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10482.820	8.571	39.210	47.781	-26.219	74.000	PEAK
2	*	15719.060	9.581	39.810	49.392	-24.608	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 17:53**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5190MHz**

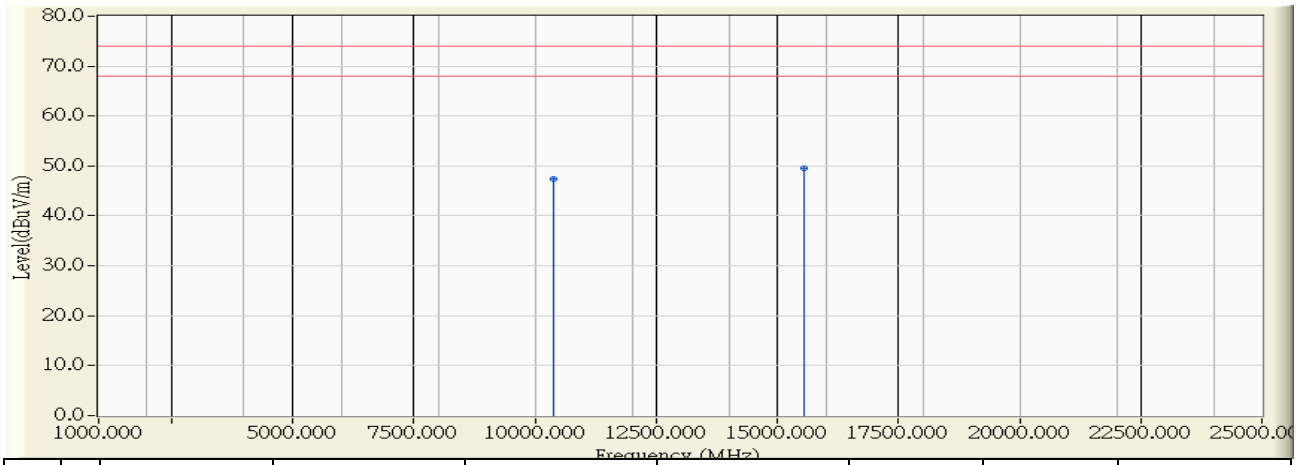


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10392.560	9.134	39.170	48.303	-25.697	74.000	PEAK
2	*	15579.800	9.705	39.800	49.505	-24.495	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 18:00**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5190MHz**

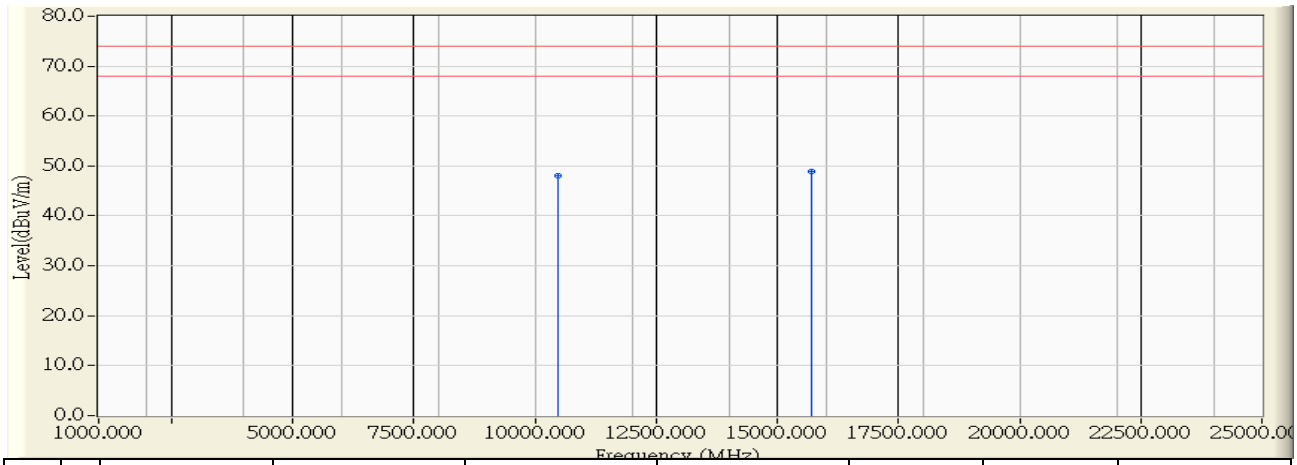


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10380.980	8.541	38.780	47.321	-26.679	74.000	PEAK
2	*	15559.760	9.722	39.850	49.572	-24.428	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 18:06**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5230MHz**

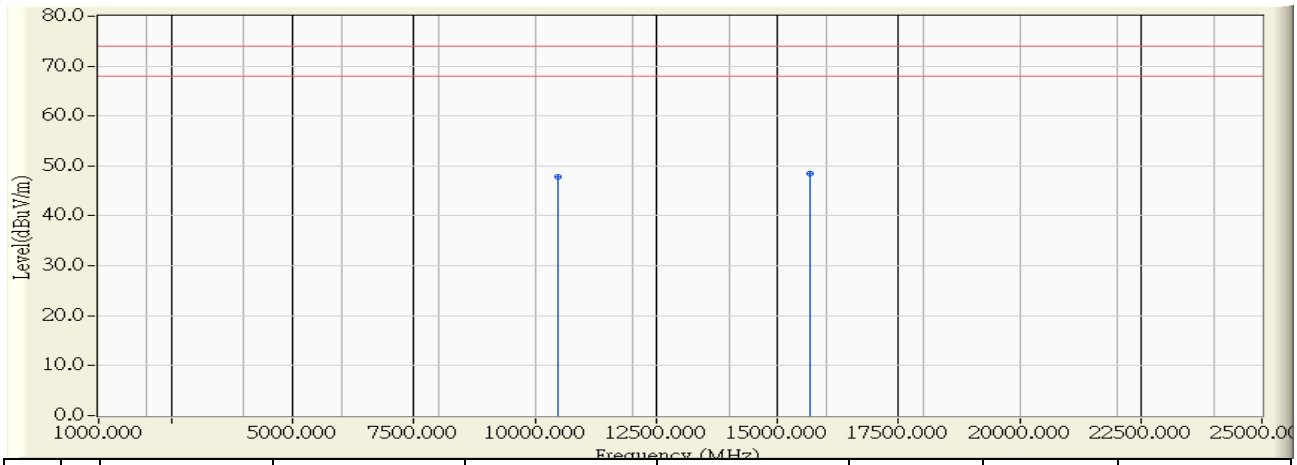


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10469.000	9.070	38.950	48.020	-25.980	74.000	PEAK
2	*	15692.480	9.605	39.230	48.835	-25.165	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 18:12**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5230MHz**

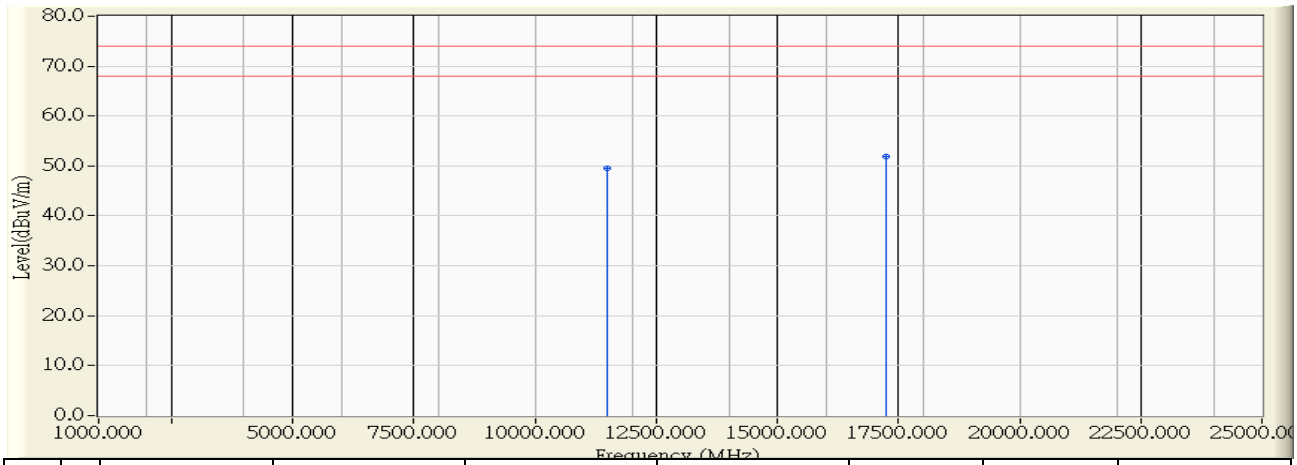


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		10461.820	8.554	39.210	47.764	-26.236	74.000	PEAK
2	*	15680.940	9.616	38.900	48.515	-25.485	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 18:18**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5745MHz**

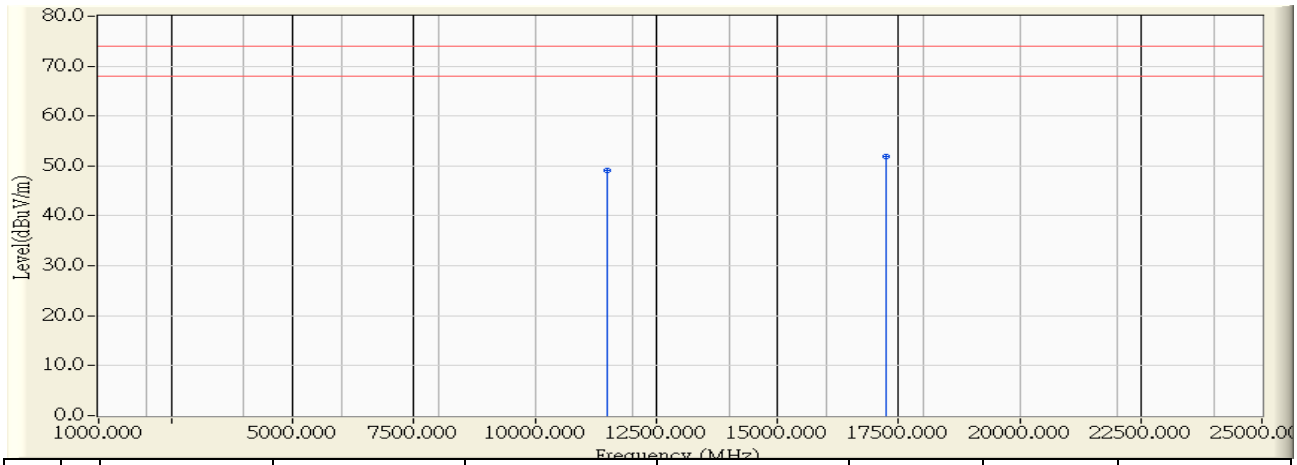


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11485.060	11.044	38.570	49.614	-24.386	74.000	PEAK
2	*	17237.860	14.375	37.610	51.985	-22.015	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 18:24**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5745MHz**

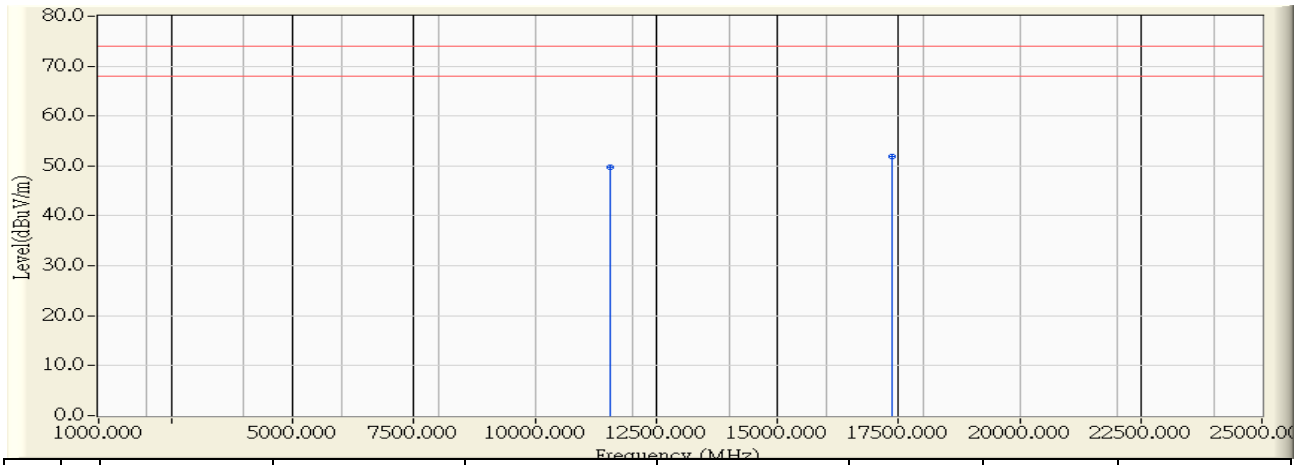


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11485.870	10.792	38.250	49.042	-24.958	74.000	PEAK
2	*	17243.710	14.403	37.460	51.863	-22.137	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 18:31**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5785MHz**

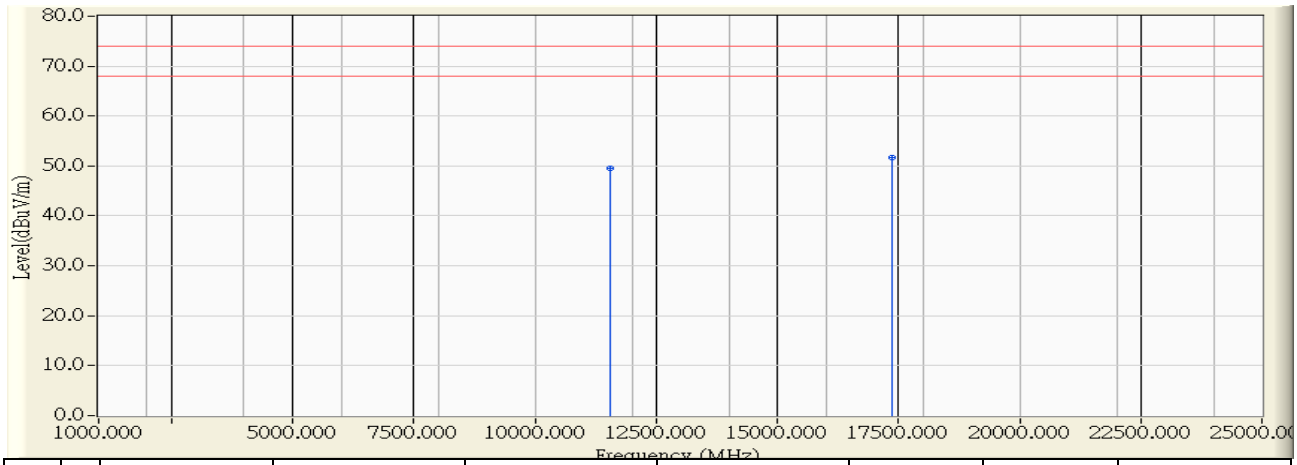


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11562.980	10.949	38.740	49.689	-24.311	74.000	PEAK
2	*	17355.470	14.939	37.050	51.989	-22.011	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 18:38**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5785MHz**

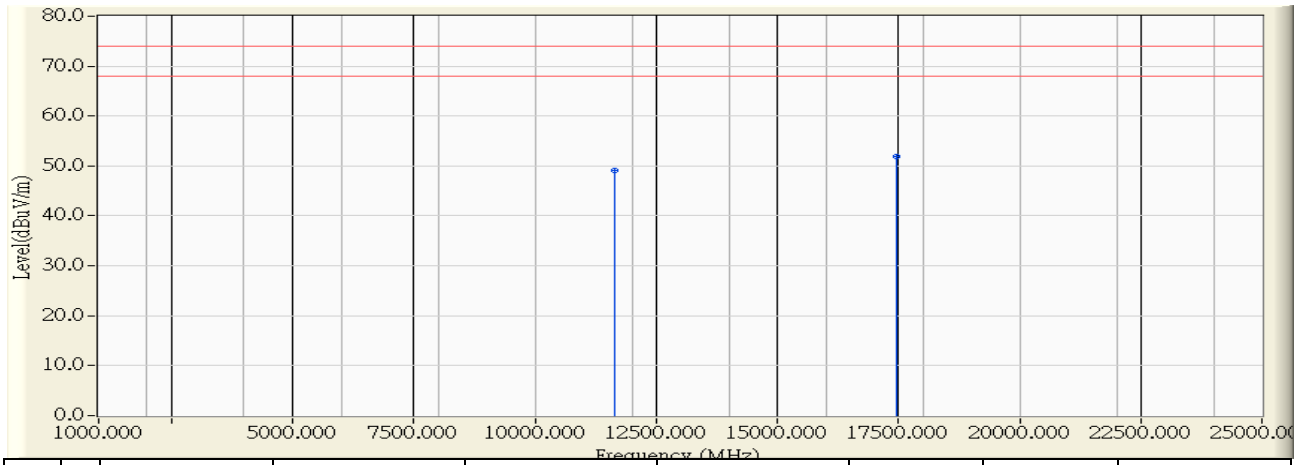


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11564.550	10.657	38.890	49.546	-24.454	74.000	PEAK
2	*	17354.740	14.936	36.830	51.766	-22.234	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 18:46**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5825MHz**

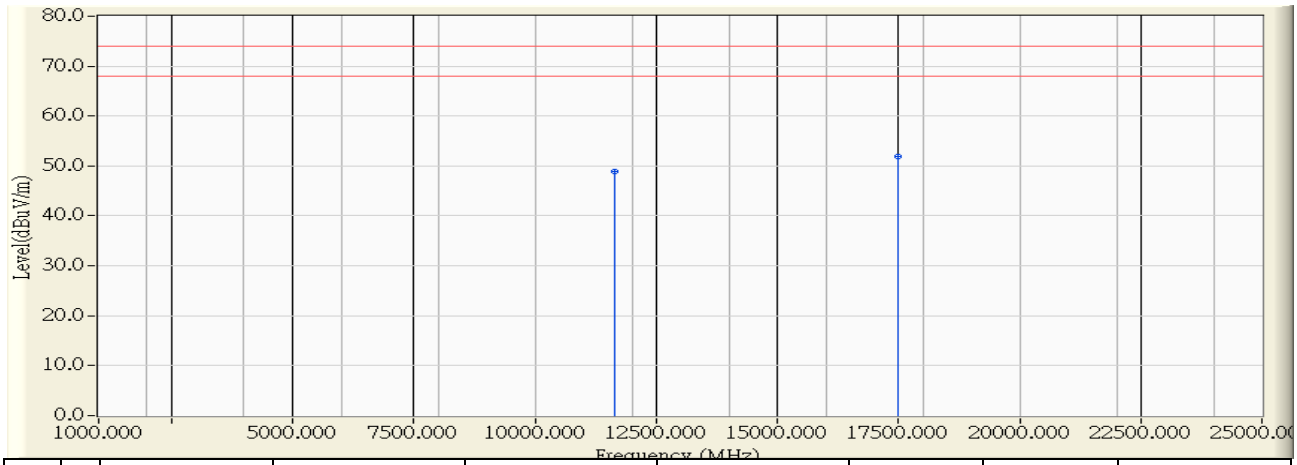


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11652.680	10.837	38.360	49.198	-24.802	74.000	PEAK
2	*	17475.200	15.520	36.470	51.990	-22.010	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 18:54**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5825MHz**

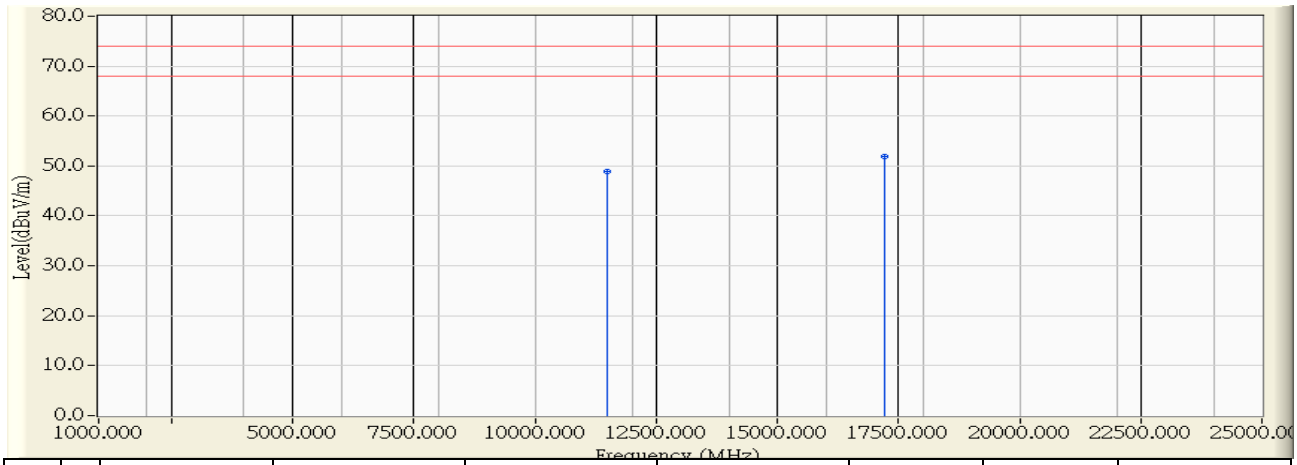


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11653.900	10.501	38.500	49.001	-24.999	74.000	PEAK
2	*	17477.960	15.543	36.410	51.952	-22.048	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 19:00**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5745MHz**

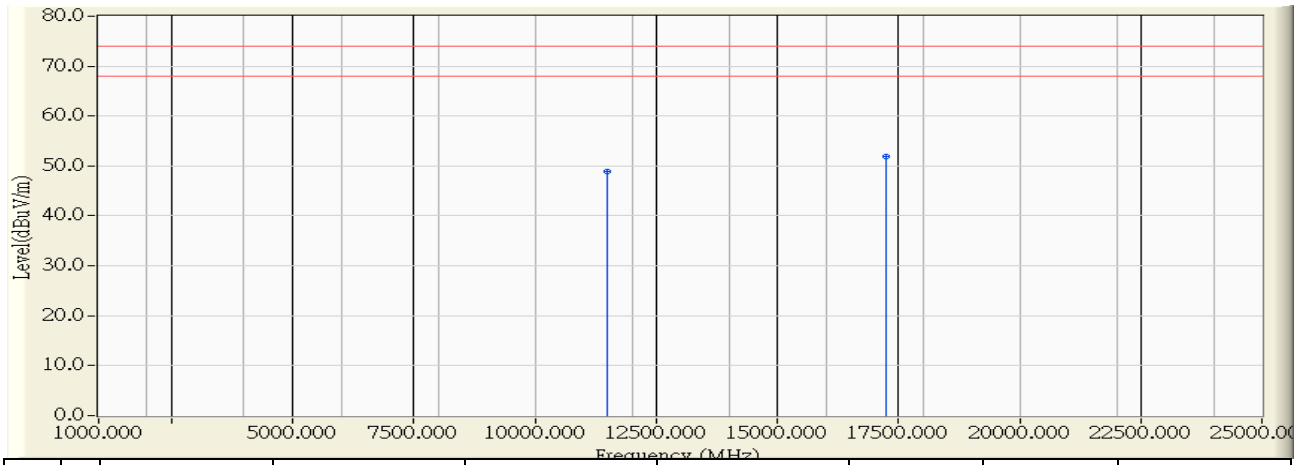


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11482.370	11.047	37.950	48.996	-25.004	74.000	PEAK
2	*	17227.680	14.327	37.540	51.867	-22.133	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 19:05**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5745MHz**

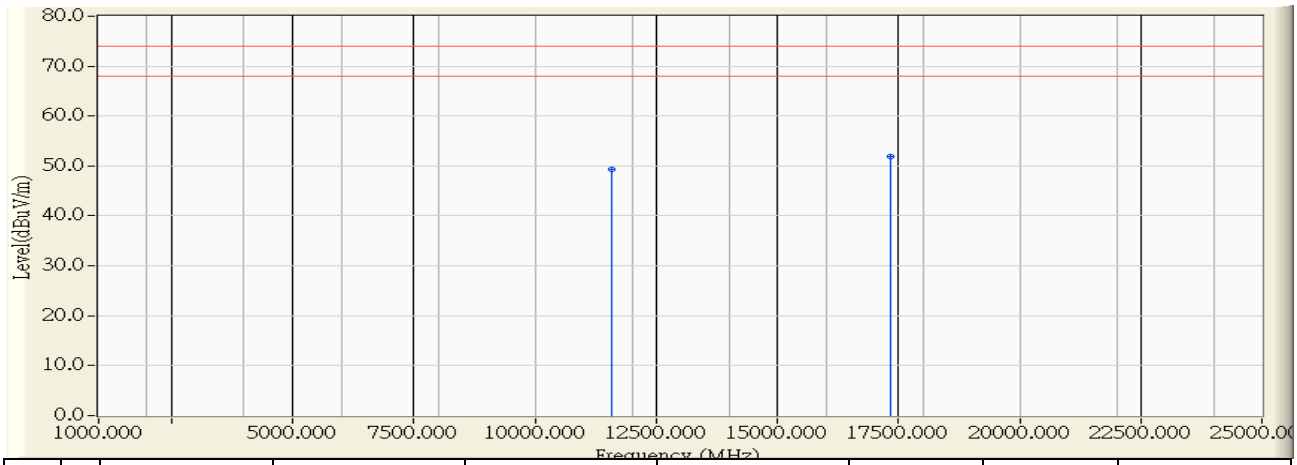


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11484.790	10.794	38.140	48.933	-25.067	74.000	PEAK
2	*	17236.100	14.367	37.610	51.977	-22.023	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 19:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5785MHz**

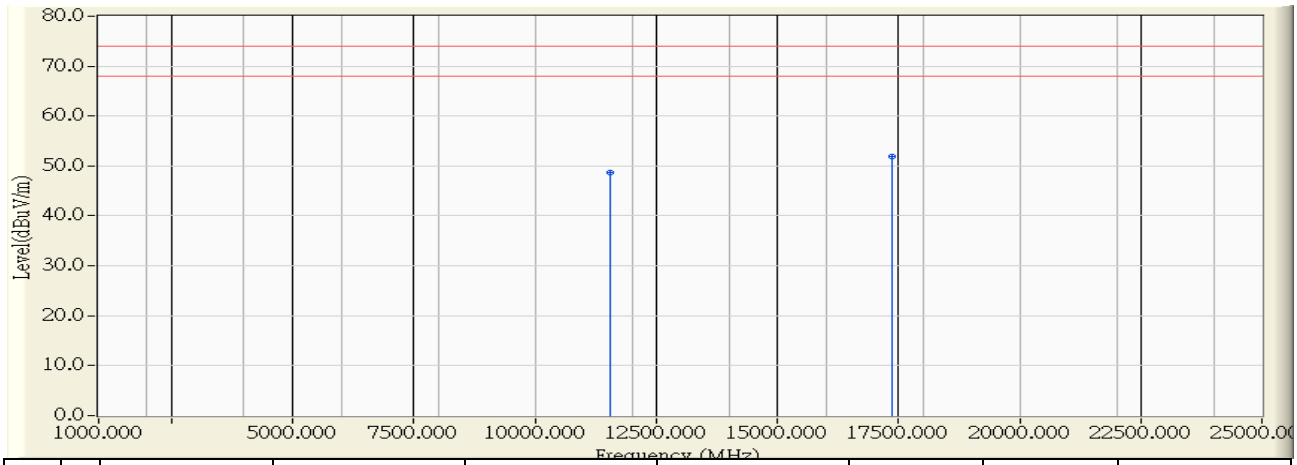


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11575.180	10.935	38.400	49.334	-24.666	74.000	PEAK
2	*	17350.270	14.915	37.070	51.984	-22.016	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 19:15**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5785MHz**

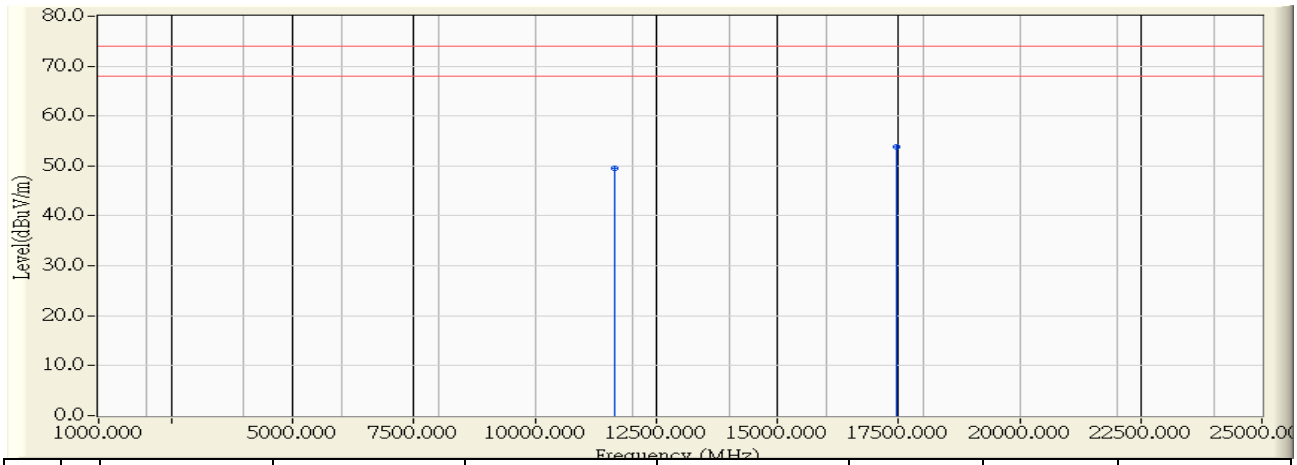


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11567.500	10.651	37.960	48.611	-25.389	74.000	PEAK
2	*	17361.430	14.968	36.940	51.908	-22.092	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 19:20**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5825MHz**

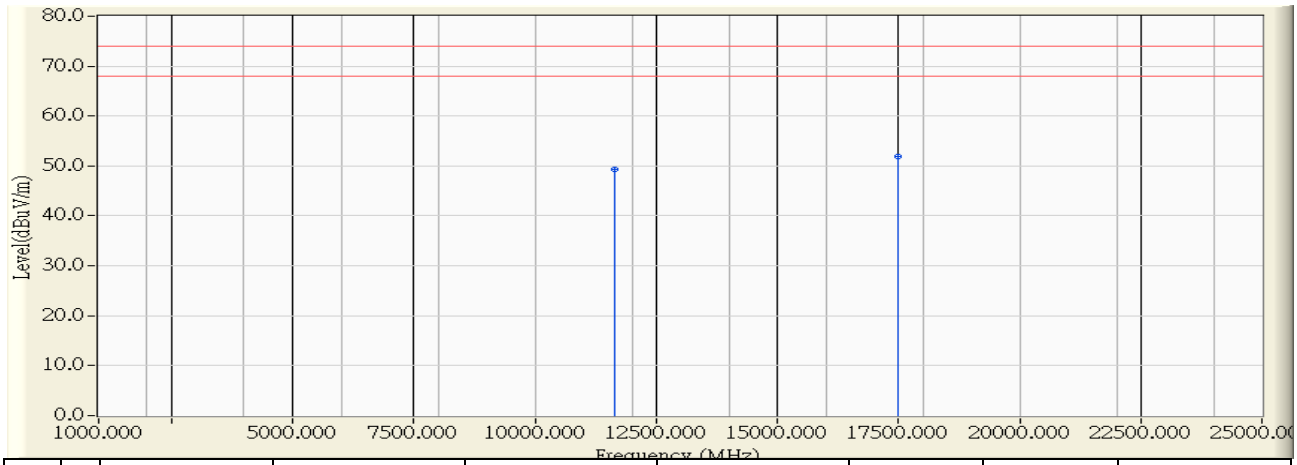


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11655.230	10.836	38.730	49.565	-24.435	74.000	PEAK
2	*	17468.380	15.481	38.280	53.761	-20.239	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 19:27**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5825MHz**

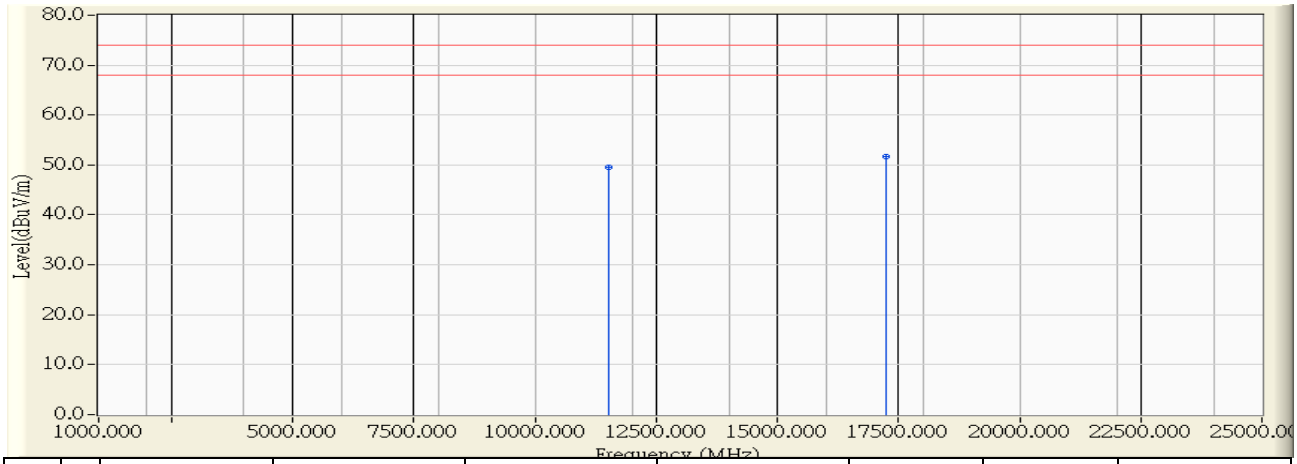


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11650.440	10.507	38.830	49.337	-24.663	74.000	PEAK
2	*	17480.380	15.562	36.310	51.872	-22.128	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 19:34**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5755MHz**

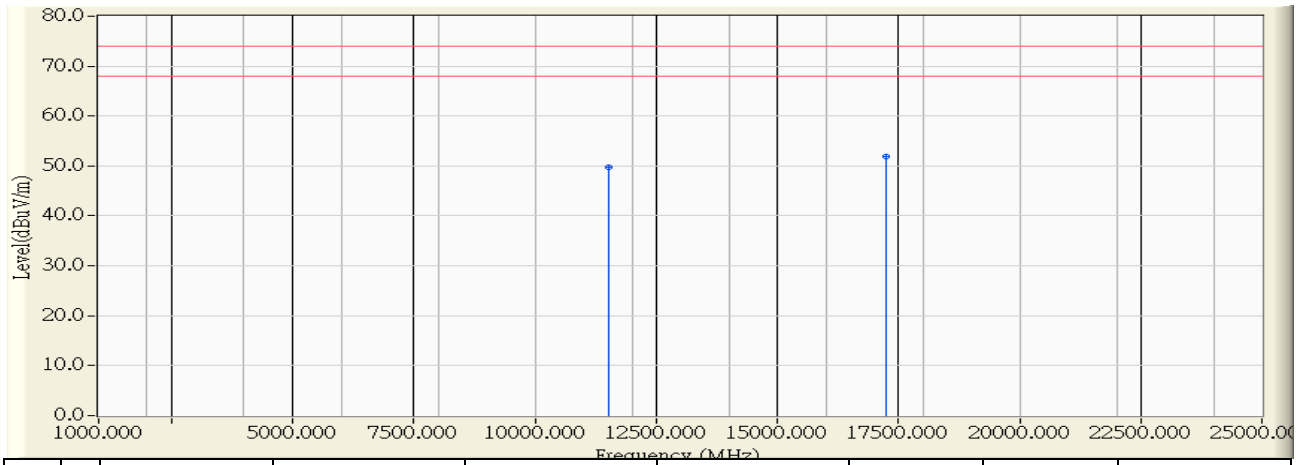


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11527.140	10.993	38.460	49.453	-24.547	74.000	PEAK
2	*	17246.180	14.415	37.370	51.785	-22.215	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 19:38**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5755MHz**

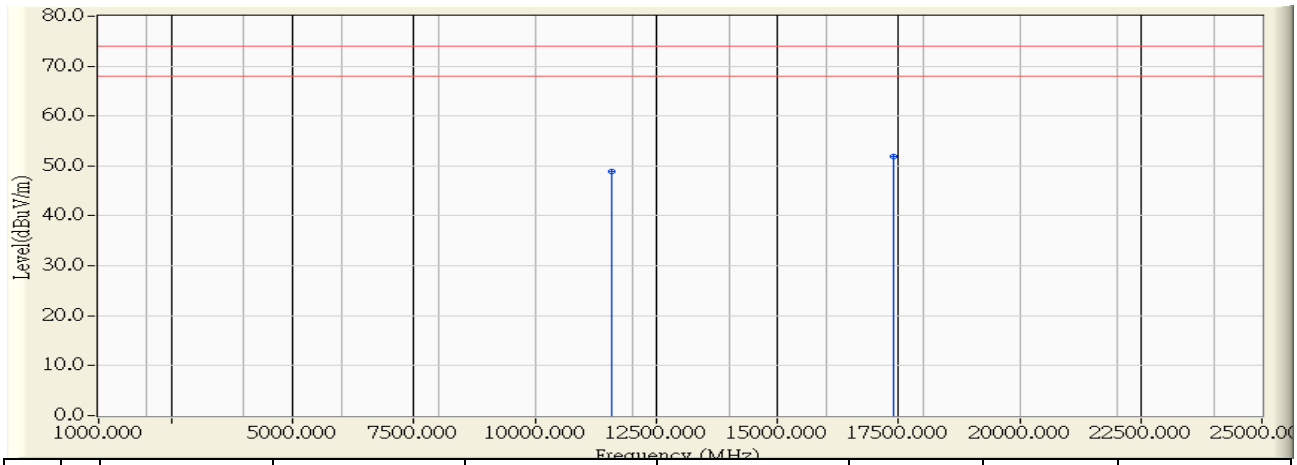


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11511.840	11.012	38.640	49.652	-24.348	74.000	PEAK
2	*	17251.660	14.441	37.550	51.991	-22.009	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 19:42**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5795MHz**

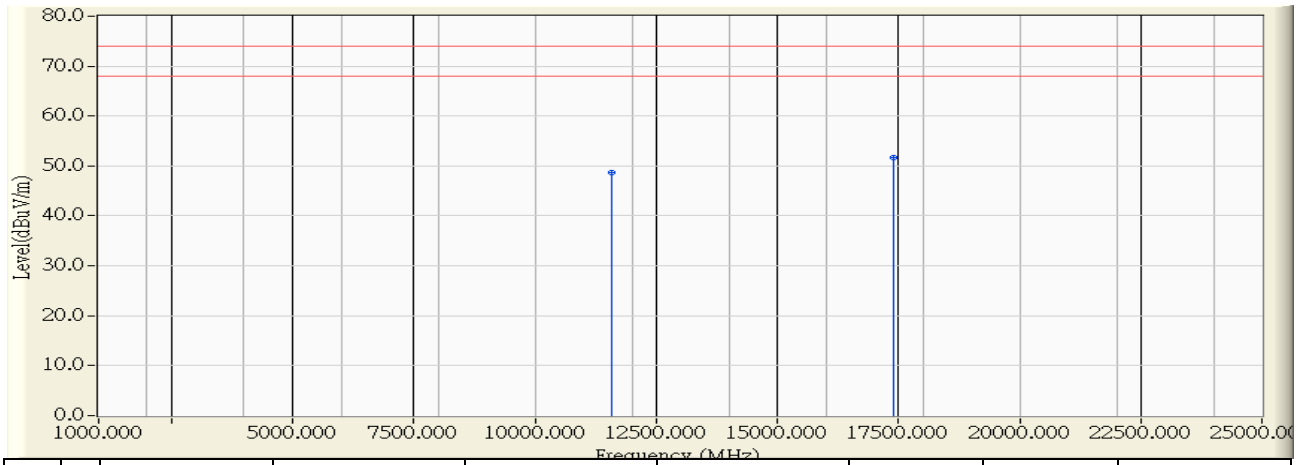


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11595.480	10.909	37.920	48.829	-25.171	74.000	PEAK
2	*	17396.660	15.137	36.800	51.937	-22.063	74.000	PEAK

Note:

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

Site : CB1	**Time : 2015/10/03 - 19:48**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5795MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		11578.500	10.632	37.980	48.612	-25.388	74.000	PEAK
2	*	17392.420	15.117	36.550	51.667	-22.333	74.000	PEAK

Note:

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

7. Band Edge

7.1. Test Equipment

The following test equipments are used during the band edge tests:

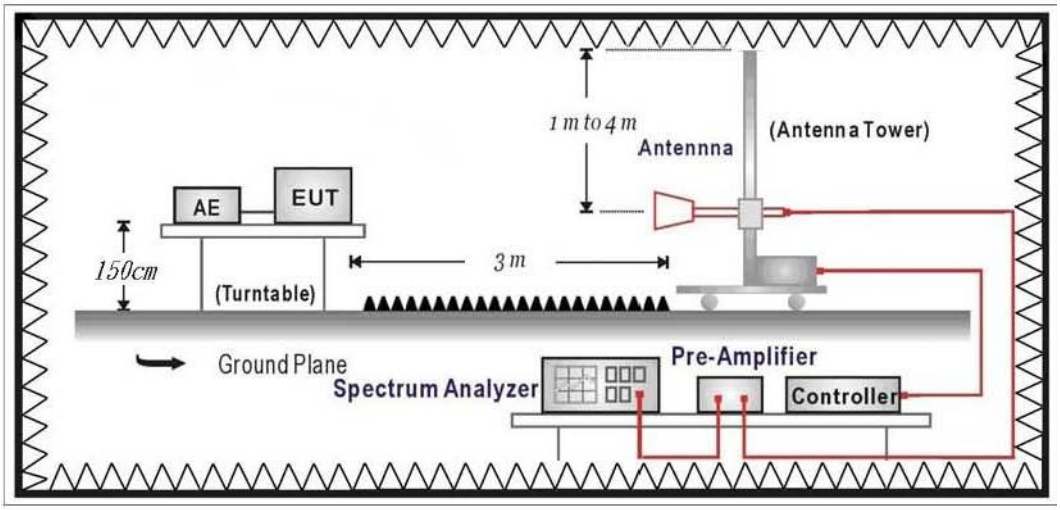
Radiated Emission Band Edge / CB1

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.

7.2. Test Setup

RF Radiated Measurement:



7.3. Limits

➢ **General Radiated Emission Limits**

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBuV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remark:

1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

➢ **Unwanted Emission out of the restricted bands Limits**

FCC Part 15 Subpart E Paragraph 15.407(b) Limits		
Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength (dBuV/m@3m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
5725~5850	-27 (Note1)	68.3
	-17 (Note2)	78.3

Remark:

1. For frequencies more than 10 MHz above or below the band edges.
2. For frequency range from the band edges to 10 MHz above or below the band edges.
3. uV/m = $\frac{1000000\sqrt{30 \times EIRP}}{3}$, RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

7.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 1.5 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 on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.

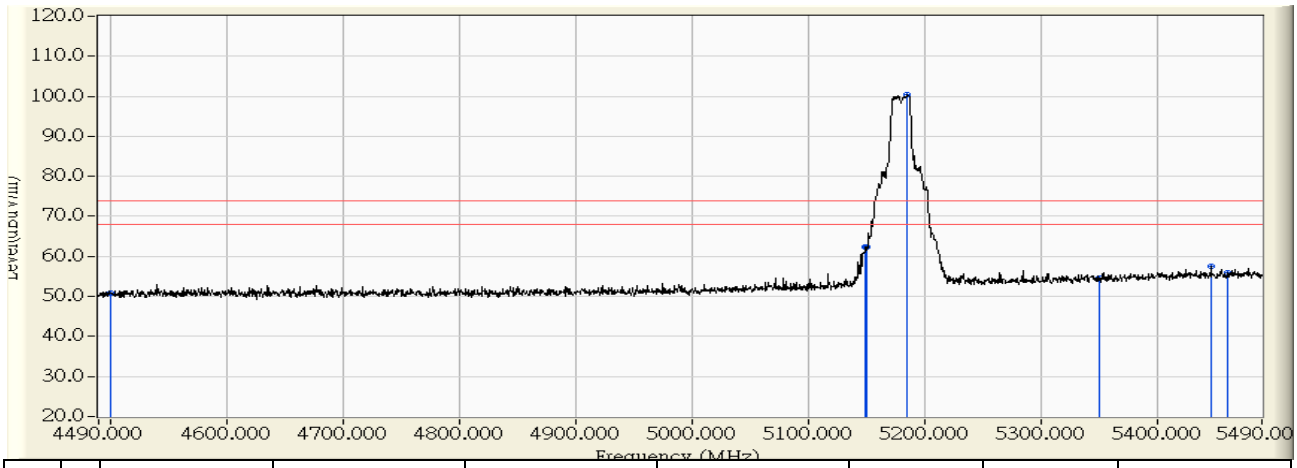
7.5. Uncertainty

The measurement uncertainty is defined as ± 3.65dB

7.6. Test Result

Radiated is defined as 5GHz Band4 In-Band :

Site : CB1	**Time : 2015/10/03 - 13:20**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5180MHz**

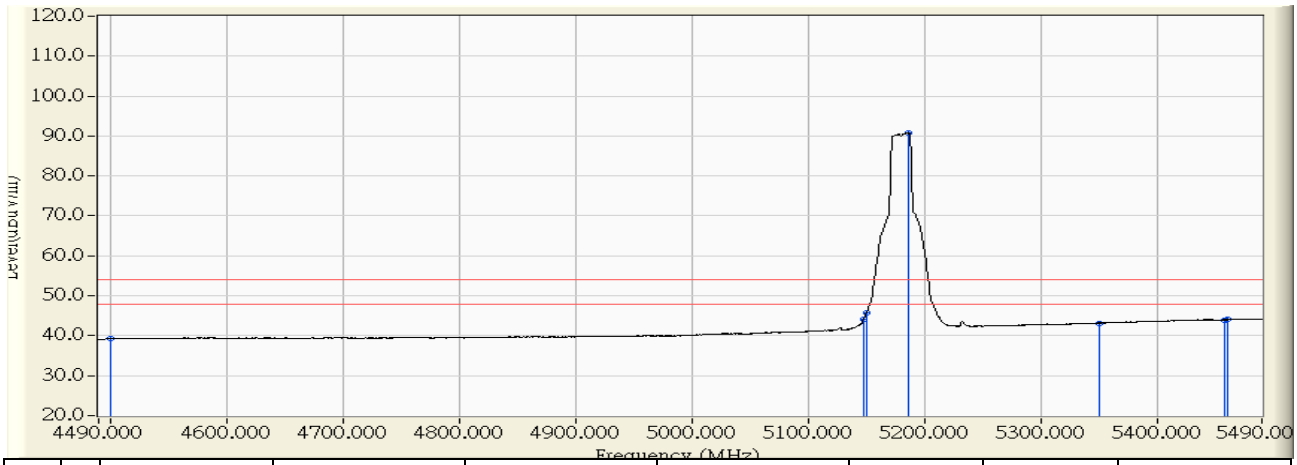


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-3.428	54.220	50.792	-23.208	74.000	PEAK
2		5149.000	-0.746	63.147	62.401	-11.599	74.000	PEAK
3		5150.000	-0.737	63.220	62.482	-11.518	74.000	PEAK
4	*	5185.000	-0.445	100.805	100.360	26.360	74.000	PEAK
5		5350.000	0.934	53.700	54.634	-19.366	74.000	PEAK
6		5446.500	1.739	55.780	57.520	-16.480	74.000	PEAK
7		5460.000	1.853	54.061	55.914	-18.086	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 = 1MHz, 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 : 2015/10/03 - 13:23**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5180MHz**

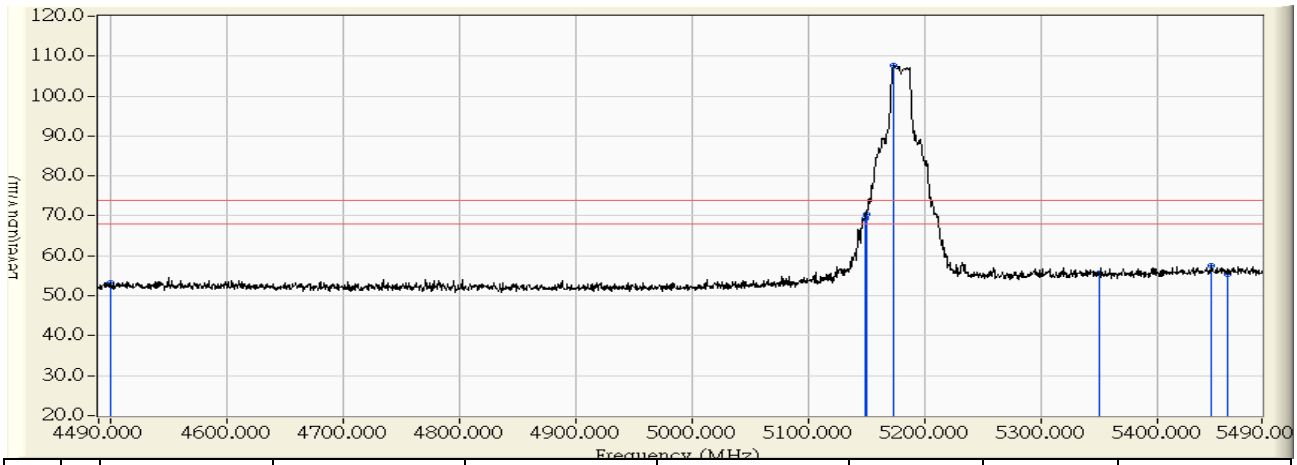


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-3.428	42.698	39.270	-14.730	54.000	AVERAGE
2		5147.500	-0.758	44.820	44.062	-9.938	54.000	AVERAGE
3		5150.000	-0.737	46.421	45.683	-8.317	54.000	AVERAGE
4	*	5186.500	-0.433	91.188	90.755	36.755	54.000	AVERAGE
5		5350.000	0.934	42.159	43.093	-10.907	54.000	AVERAGE
6		5457.500	1.832	42.156	43.988	-10.012	54.000	AVERAGE
7		5460.000	1.853	42.192	44.045	-9.955	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 = 1MHz, 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 : 2015/10/03 - 13:28**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5180MHz**

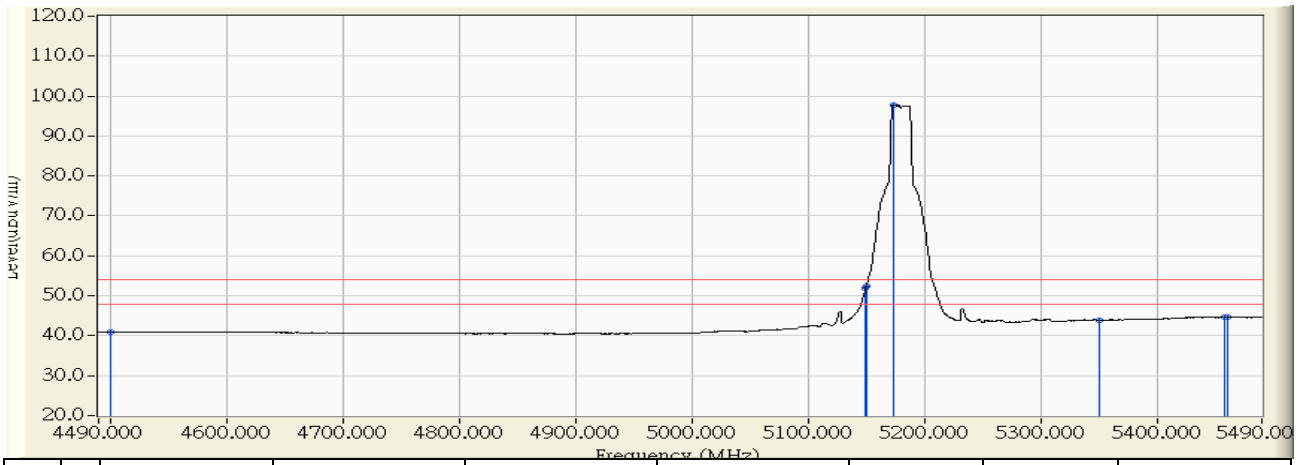


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	54.851	53.130	-20.870	74.000	PEAK
2		5148.500	-0.333	69.605	69.272	-4.728	74.000	PEAK
3		5150.000	-0.321	70.754	70.433	-3.567	74.000	PEAK
4	*	5173.500	-0.136	107.733	107.597	33.597	74.000	PEAK
5		5350.000	1.250	54.358	55.608	-18.392	74.000	PEAK
6		5447.000	2.012	55.509	57.521	-16.479	74.000	PEAK
7		5460.000	2.114	53.337	55.451	-18.549	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 = 1MHz, 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 : 2015/10/03 - 13:30**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5180MHz**

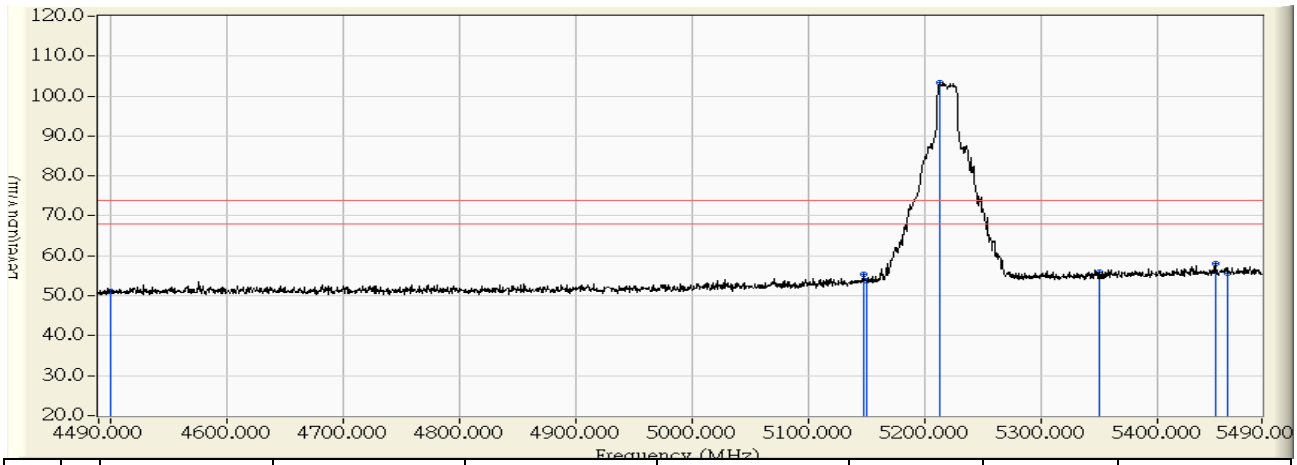


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	42.669	40.948	-13.052	54.000	AVERAGE
2		5149.500	-0.325	52.282	51.957	-2.043	54.000	AVERAGE
3		5150.000	-0.321	52.806	52.485	-1.515	54.000	AVERAGE
4	*	5173.000	-0.140	97.940	97.800	43.800	54.000	AVERAGE
5		5350.000	1.250	42.626	43.876	-10.124	54.000	AVERAGE
6		5457.500	2.095	42.489	44.584	-9.416	54.000	AVERAGE
7		5460.000	2.114	42.474	44.588	-9.412	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 = 1MHz, 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 : 2015/10/03 - 13:36**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5220MHz**

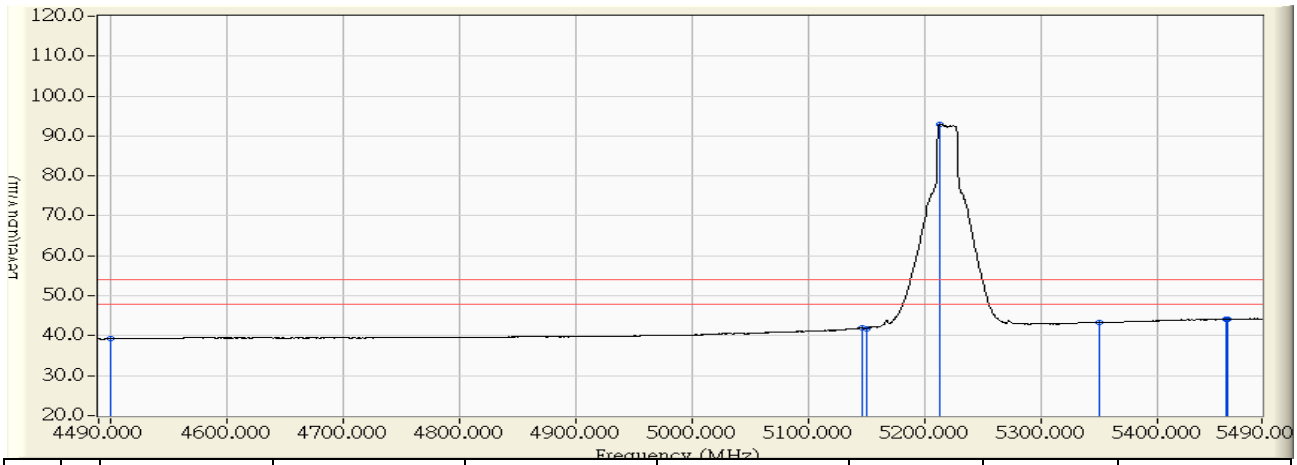


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-3.428	54.410	50.982	-23.018	74.000	PEAK
2		5147.500	-0.758	56.225	55.467	-18.533	74.000	PEAK
3		5150.000	-0.737	54.389	53.651	-20.349	74.000	PEAK
4	*	5213.500	-0.207	103.643	103.436	29.436	74.000	PEAK
5		5350.000	0.934	54.944	55.878	-18.122	74.000	PEAK
6		5450.000	1.770	56.237	58.006	-15.994	74.000	PEAK
7		5460.000	1.853	53.934	55.787	-18.213	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 = 1MHz, 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 : 2015/10/03 - 13:40**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5220MHz**

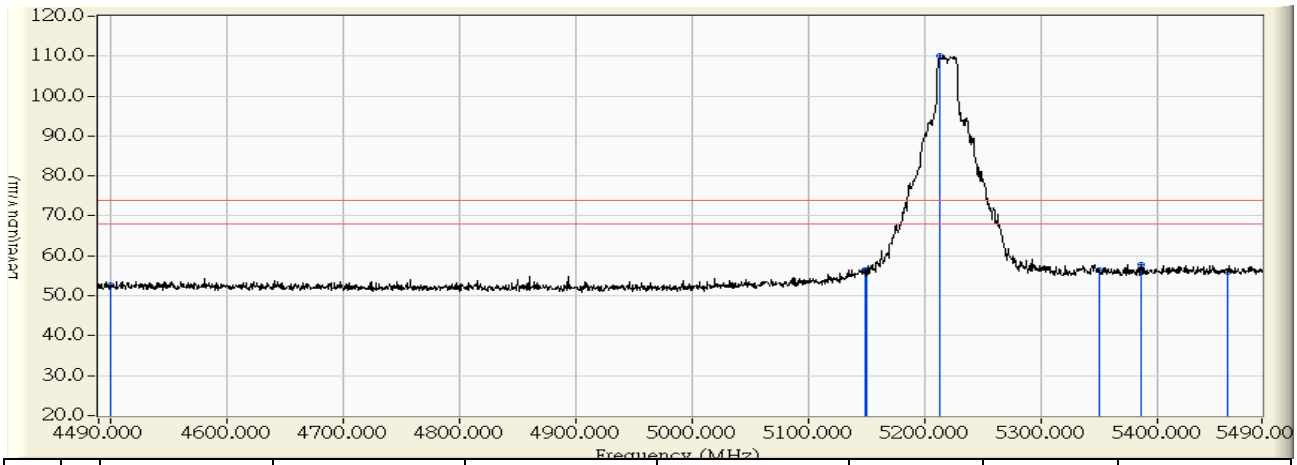


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-3.428	42.647	39.219	-14.781	54.000	AVERAGE
2		5146.500	-0.768	42.650	41.883	-12.117	54.000	AVERAGE
3		5150.000	-0.737	42.567	41.829	-12.171	54.000	AVERAGE
4	*	5213.000	-0.211	93.077	92.866	38.866	54.000	AVERAGE
5		5350.000	0.934	42.265	43.199	-10.801	54.000	AVERAGE
6		5459.000	1.844	42.298	44.142	-9.858	54.000	AVERAGE
7		5460.000	1.853	42.279	44.132	-9.868	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 = 1MHz, 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 : 2015/10/03 - 13:46**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5220MHz**

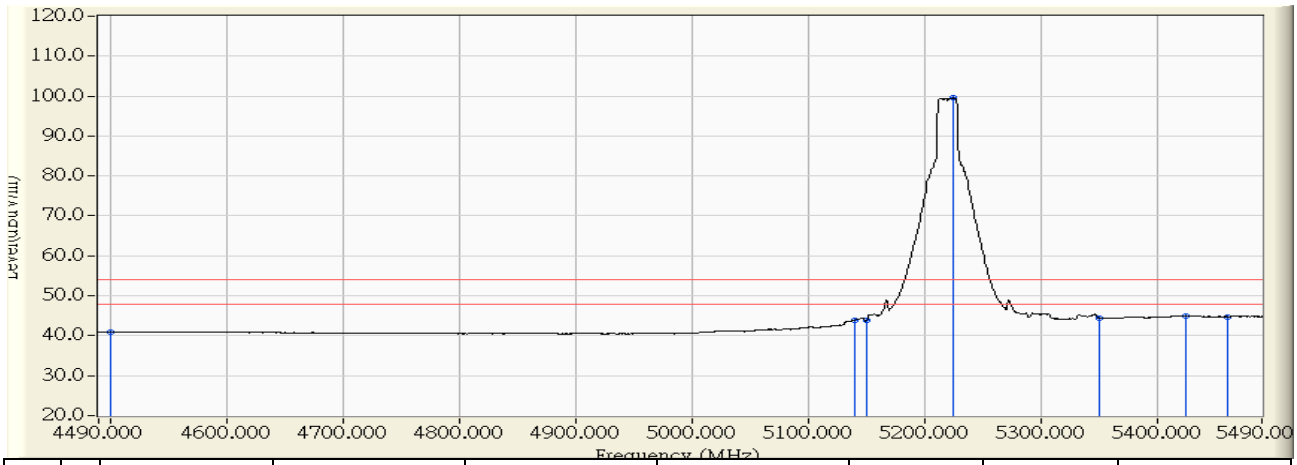


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	54.522	52.801	-21.199	74.000	PEAK
2		5149.500	-0.325	56.885	56.560	-17.440	74.000	PEAK
3		5150.000	-0.321	56.801	56.480	-17.520	74.000	PEAK
4	*	5213.500	0.178	110.020	110.198	36.198	74.000	PEAK
5		5350.000	1.250	55.096	56.346	-17.654	74.000	PEAK
6		5386.000	1.533	56.313	57.846	-16.154	74.000	PEAK
7		5460.000	2.114	53.832	55.946	-18.054	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 = 1MHz, 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 : 2015/10/03 - 13:52**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5220MHz**

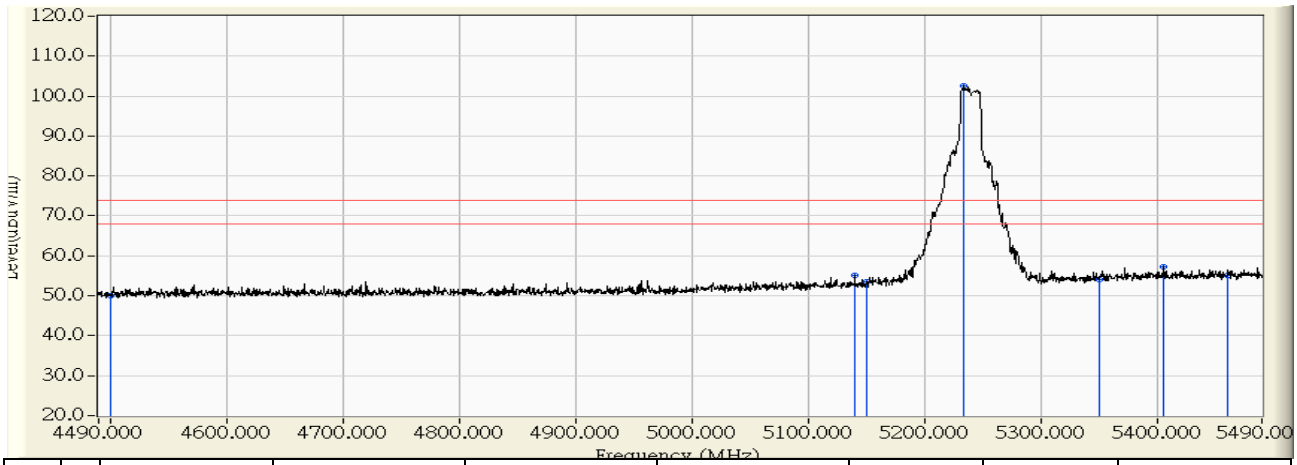


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	42.669	40.948	-13.052	54.000	AVERAGE
2		5140.500	-0.395	44.388	43.992	-10.008	54.000	AVERAGE
3		5150.000	-0.321	44.109	43.788	-10.212	54.000	AVERAGE
4	*	5225.000	0.269	99.224	99.492	45.492	54.000	AVERAGE
5		5350.000	1.250	43.252	44.502	-9.498	54.000	AVERAGE
6		5424.000	1.832	43.180	45.012	-8.988	54.000	AVERAGE
7		5460.000	2.114	42.647	44.761	-9.239	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 = 1MHz, 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 : 2015/10/03 - 13:57**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5240MHz**

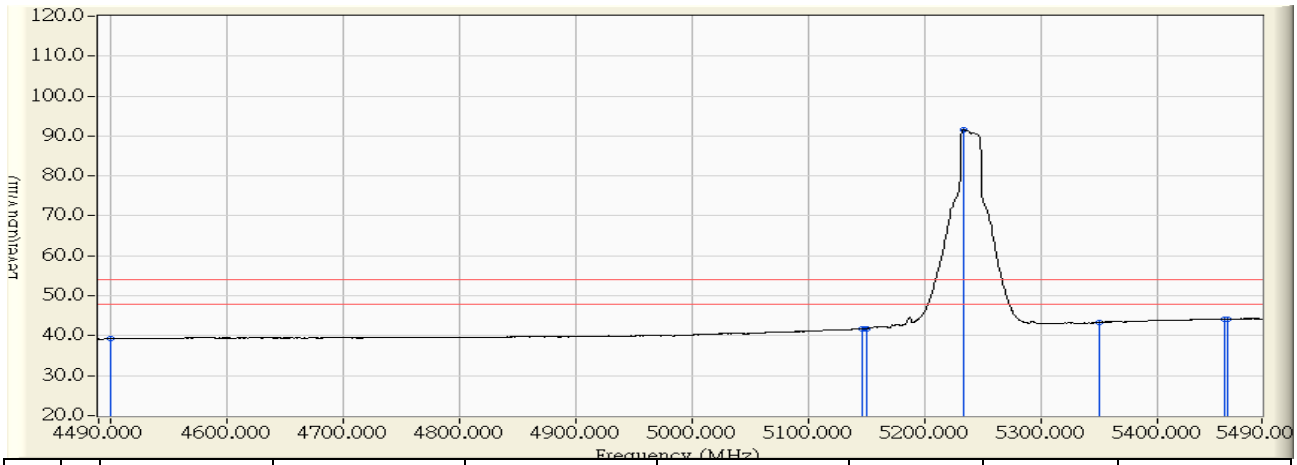


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-3.428	53.514	50.086	-23.914	74.000	PEAK
2		5140.000	-0.821	55.933	55.112	-18.888	74.000	PEAK
3		5150.000	-0.737	54.126	53.388	-20.612	74.000	PEAK
4	*	5233.500	-0.040	102.662	102.622	28.622	74.000	PEAK
5		5350.000	0.934	53.063	53.997	-20.003	74.000	PEAK
6		5406.000	1.401	55.804	57.206	-16.794	74.000	PEAK
7		5460.000	1.853	53.165	55.018	-18.982	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 = 1MHz, 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 : 2015/10/03 – 14:03**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5240MHz**

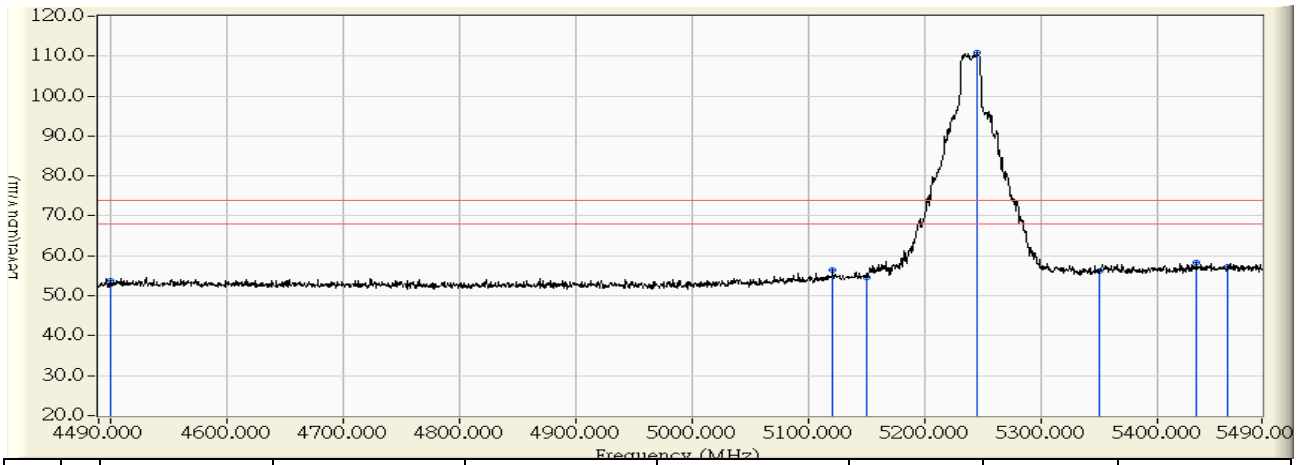


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-3.428	42.701	39.273	-14.727	54.000	AVERAGE
2		5146.000	-0.772	42.428	41.657	-12.343	54.000	AVERAGE
3		5150.000	-0.737	42.511	41.773	-12.227	54.000	AVERAGE
4	*	5233.000	-0.044	91.678	91.634	37.634	54.000	AVERAGE
5		5350.000	0.934	42.332	43.266	-10.734	54.000	AVERAGE
6		5457.500	1.832	42.282	44.114	-9.886	54.000	AVERAGE
7		5460.000	1.853	42.286	44.139	-9.861	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 = 1MHz, 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 : 2015/10/03 – 14:07**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5240MHz**

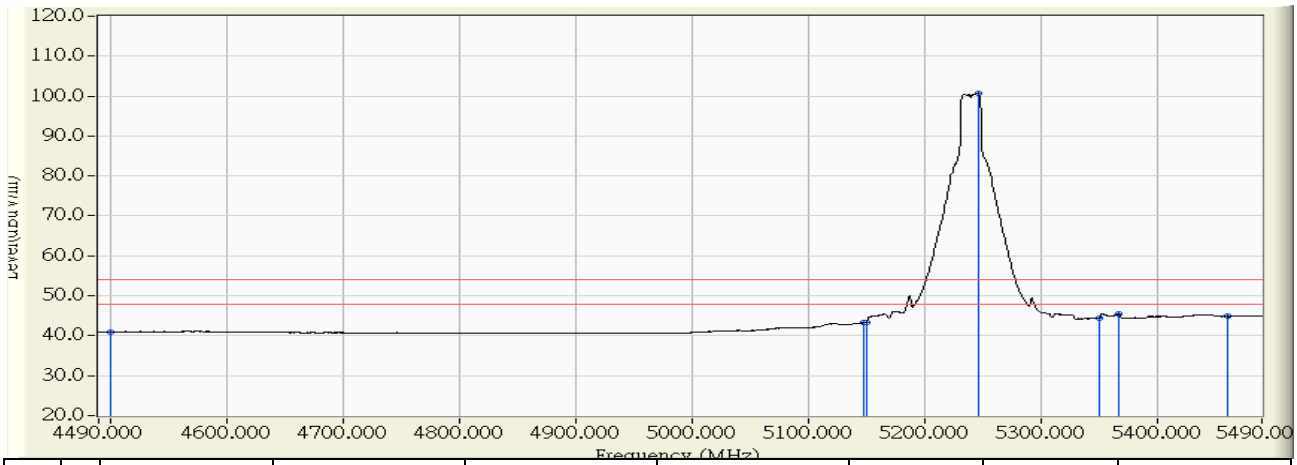


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	55.387	53.666	-20.334	74.000	PEAK
2		5121.000	-0.549	56.971	56.422	-17.578	74.000	PEAK
3		5150.000	-0.321	55.036	54.715	-19.285	74.000	PEAK
4	*	5245.000	0.426	110.441	110.866	36.866	74.000	PEAK
5		5350.000	1.250	55.072	56.322	-17.678	74.000	PEAK
6		5434.000	1.910	56.483	58.393	-15.607	74.000	PEAK
7		5460.000	2.114	55.102	57.216	-16.784	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 = 1MHz, 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 : 2015/10/03 – 14:12**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5240MHz**

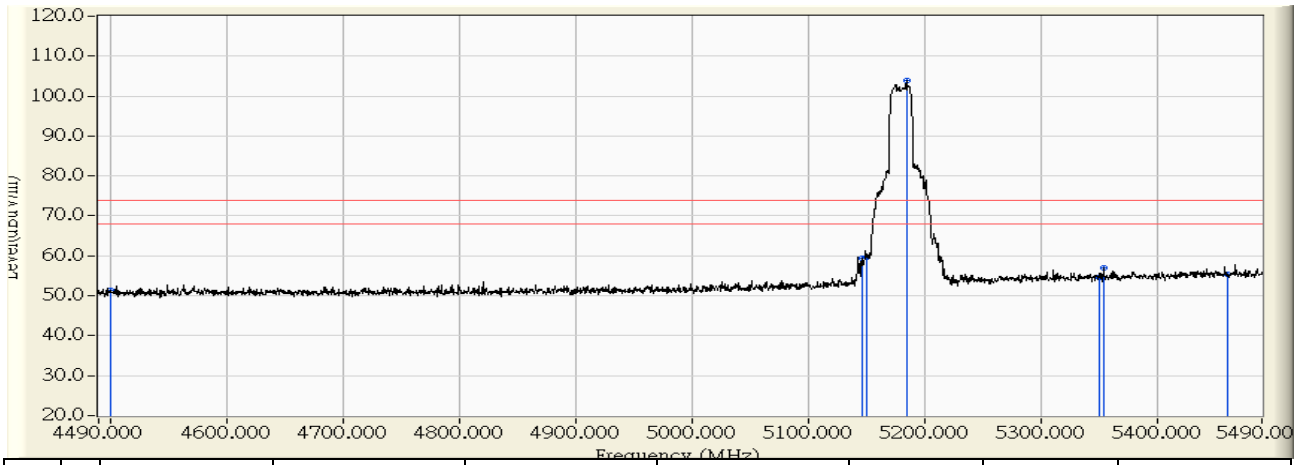


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	42.734	41.013	-12.987	54.000	AVERAGE
2		5147.500	-0.340	43.581	43.240	-10.760	54.000	AVERAGE
3		5150.000	-0.321	43.779	43.458	-10.542	54.000	AVERAGE
4	*	5246.500	0.437	100.237	100.674	46.674	54.000	AVERAGE
5		5350.000	1.250	43.240	44.490	-9.510	54.000	AVERAGE
6		5366.500	1.380	44.080	45.460	-8.540	54.000	AVERAGE
7		5460.000	2.114	42.702	44.816	-9.184	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 = 1MHz, 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 : 2015/10/03 - 14:17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5180MHz**

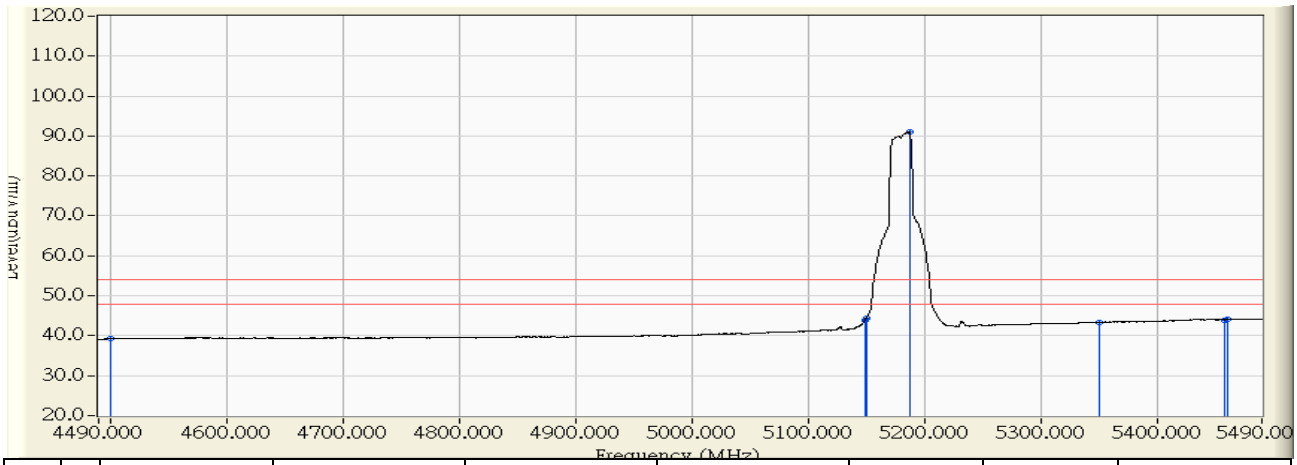


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-3.428	54.800	51.372	-22.628	74.000	PEAK
2		5146.500	-0.768	60.282	59.515	-14.485	74.000	PEAK
3		5150.000	-0.737	60.396	59.658	-14.342	74.000	PEAK
4	*	5184.500	-0.449	104.411	103.962	29.962	74.000	PEAK
5		5350.000	0.934	53.524	54.458	-19.542	74.000	PEAK
6		5353.500	0.963	55.950	56.913	-17.087	74.000	PEAK
7		5460.000	1.853	53.668	55.521	-18.479	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 = 1MHz, 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 : 2015/10/03 - 14:23**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5180MHz**

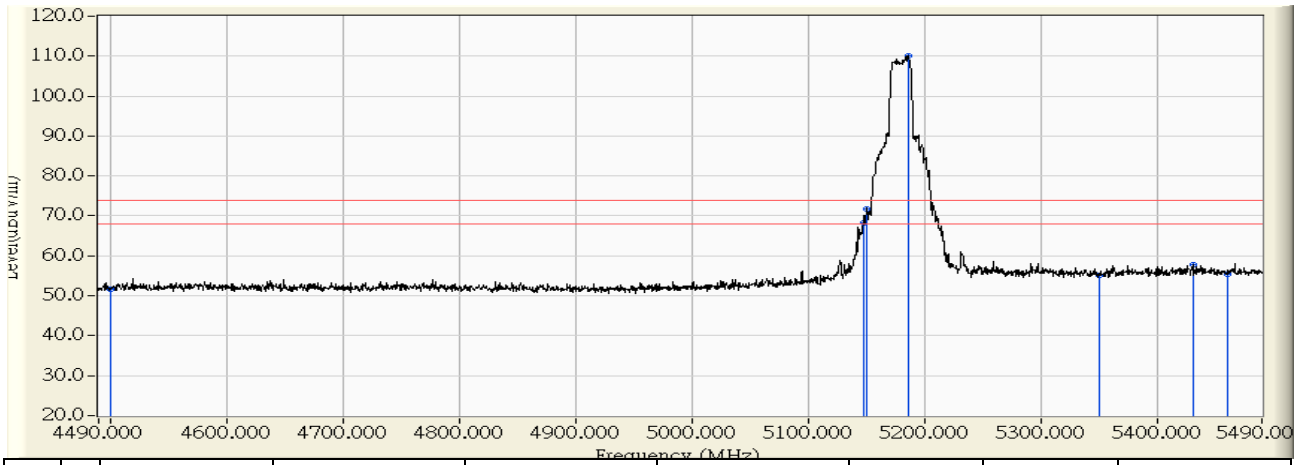


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-3.428	42.674	39.246	-14.754	54.000	AVERAGE
2		5148.500	-0.750	44.545	43.795	-10.205	54.000	AVERAGE
3		5150.000	-0.737	45.189	44.451	-9.549	54.000	AVERAGE
4	*	5187.000	-0.428	91.453	91.025	37.025	54.000	AVERAGE
5		5350.000	0.934	42.410	43.344	-10.656	54.000	AVERAGE
6		5457.500	1.832	42.149	43.981	-10.019	54.000	AVERAGE
7		5460.000	1.853	42.186	44.039	-9.961	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 = 1MHz, 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 : 2015/10/03 - 14:28**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5180MHz**

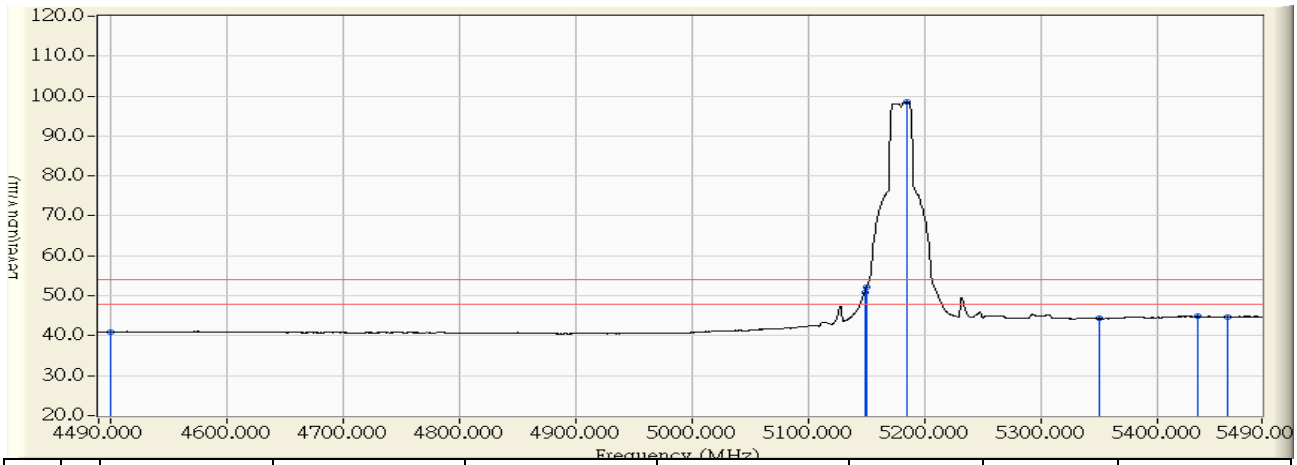


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	53.322	51.601	-22.399	74.000	PEAK
2		5147.500	-0.340	68.597	68.256	-5.744	74.000	PEAK
3		5150.000	-0.321	72.095	71.774	-2.226	74.000	PEAK
4	*	5186.500	-0.034	110.156	110.122	36.122	74.000	PEAK
5		5350.000	1.250	53.860	55.110	-18.890	74.000	PEAK
6		5431.000	1.886	56.021	57.907	-16.093	74.000	PEAK
7		5460.000	2.114	53.316	55.430	-18.570	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 = 1MHz, 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 : 2015/10/03 - 14:33**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5180MHz**

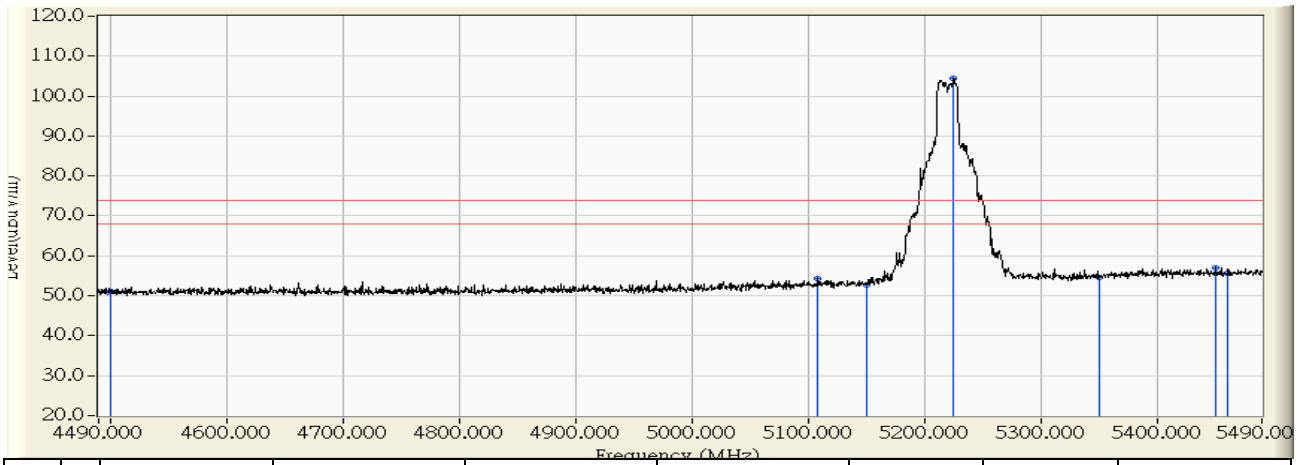


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	42.653	40.932	-13.068	54.000	AVERAGE
2		5148.500	-0.333	51.060	50.727	-3.273	54.000	AVERAGE
3		5150.000	-0.321	52.372	52.051	-1.949	54.000	AVERAGE
4	*	5185.000	-0.046	98.641	98.595	44.595	54.000	AVERAGE
5		5350.000	1.250	43.018	44.268	-9.732	54.000	AVERAGE
6		5434.500	1.914	42.900	44.814	-9.186	54.000	AVERAGE
7		5460.000	2.114	42.622	44.736	-9.264	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 = 1MHz, 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 : 2015/10/03 – 14:38**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5220MHz**

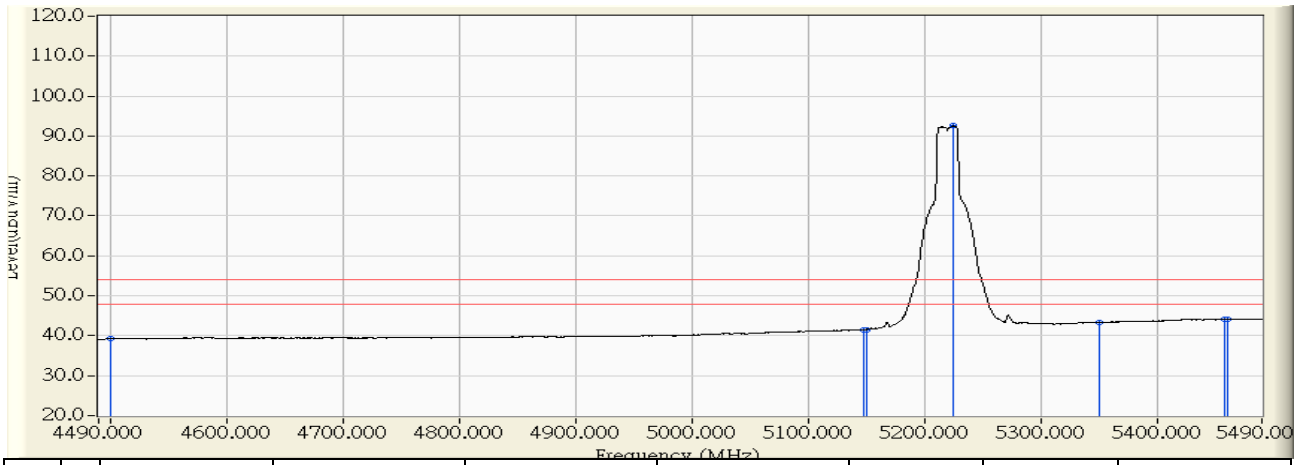


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-3.428	54.628	51.200	-22.800	74.000	PEAK
2		5108.500	-1.084	55.386	54.302	-19.698	74.000	PEAK
3		5150.000	-0.737	53.323	52.585	-21.415	74.000	PEAK
4	*	5225.000	-0.110	104.557	104.446	30.446	74.000	PEAK
5		5350.000	0.934	53.578	54.512	-19.488	74.000	PEAK
6		5450.500	1.773	55.303	57.076	-16.924	74.000	PEAK
7		5460.000	1.853	53.890	55.743	-18.257	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 = 1MHz, 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 : 2015/10/03 – 14:44**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5220MHz**

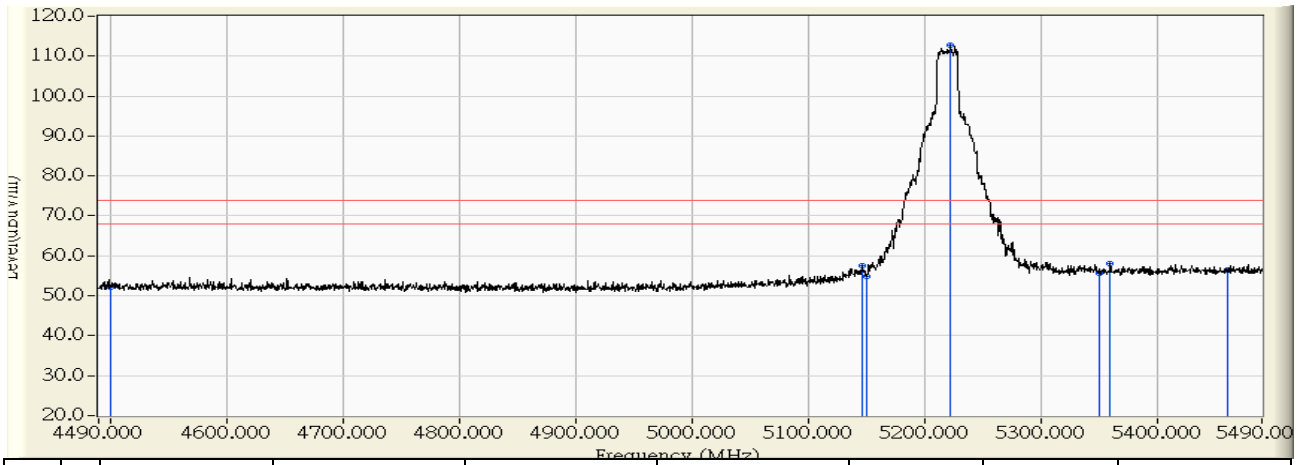


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-3.428	42.676	39.248	-14.752	54.000	AVERAGE
2		5147.500	-0.758	42.234	41.476	-12.524	54.000	AVERAGE
3		5150.000	-0.737	42.313	41.575	-12.425	54.000	AVERAGE
4	*	5225.000	-0.110	92.713	92.602	38.602	54.000	AVERAGE
5		5350.000	0.934	42.448	43.382	-10.618	54.000	AVERAGE
6		5457.500	1.832	42.249	44.081	-9.919	54.000	AVERAGE
7		5460.000	1.853	42.197	44.050	-9.950	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 = 1MHz, 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 : 2015/10/03 – 14:50**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5220MHz**

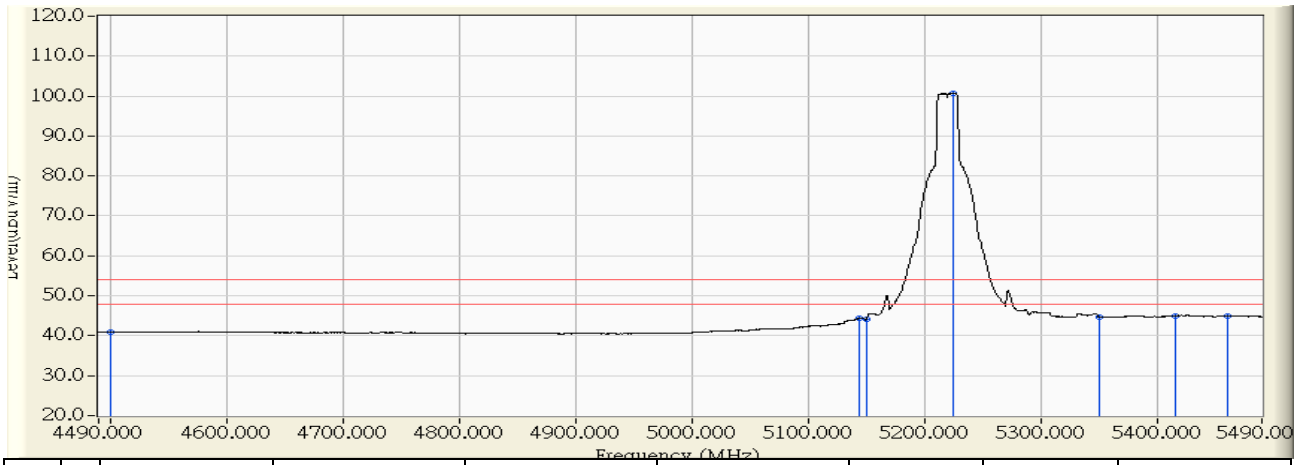


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	53.813	52.092	-21.908	74.000	PEAK
2		5147.000	-0.344	57.825	57.480	-16.520	74.000	PEAK
3		5150.000	-0.321	55.113	54.792	-19.208	74.000	PEAK
4	*	5222.000	0.244	112.409	112.654	38.654	74.000	PEAK
5		5350.000	1.250	54.308	55.558	-18.442	74.000	PEAK
6		5359.500	1.325	56.711	58.036	-15.964	74.000	PEAK
7		5460.000	2.114	54.392	56.506	-17.494	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 = 1MHz, 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 : 2015/10/03 - 14:55**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5220MHz**

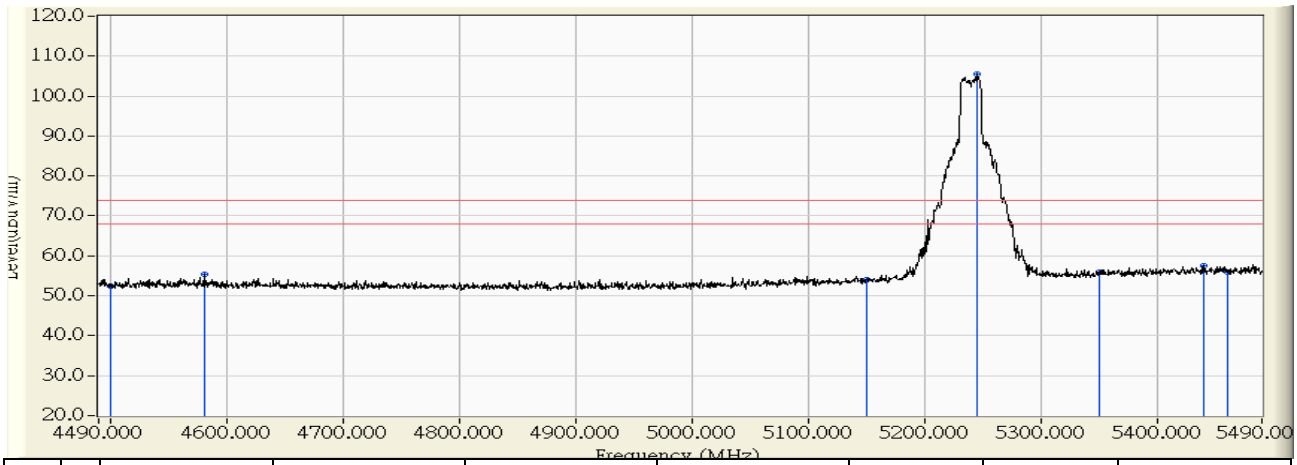


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	42.648	40.927	-13.073	54.000	AVERAGE
2		5143.500	-0.372	44.725	44.353	-9.647	54.000	AVERAGE
3		5150.000	-0.321	44.363	44.042	-9.958	54.000	AVERAGE
4	*	5224.500	0.265	100.564	100.828	46.828	54.000	AVERAGE
5		5350.000	1.250	43.474	44.724	-9.276	54.000	AVERAGE
6		5415.000	1.761	43.304	45.065	-8.935	54.000	AVERAGE
7		5460.000	2.114	42.761	44.875	-9.125	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 = 1MHz, 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 : 2015/10/03 - 15:00**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5240MHz**

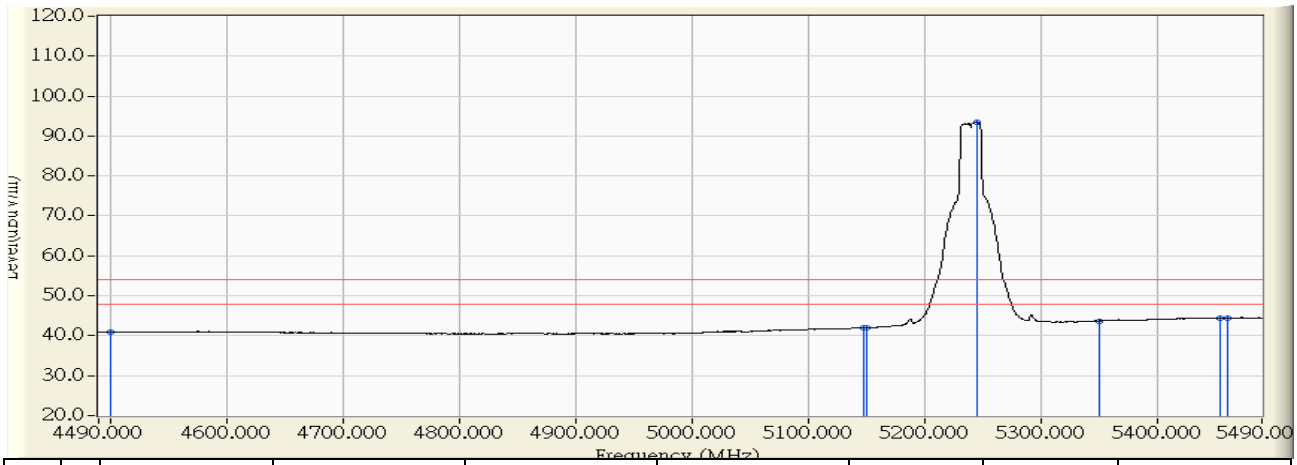


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	54.277	52.556	-21.444	74.000	PEAK
2		4580.500	-1.707	57.186	55.480	-18.520	74.000	PEAK
3		5150.000	-0.321	54.331	54.010	-19.990	74.000	PEAK
4	*	5244.500	0.422	105.208	105.629	31.629	74.000	PEAK
5		5350.000	1.250	54.690	55.940	-18.060	74.000	PEAK
6		5440.000	1.957	55.530	57.487	-16.513	74.000	PEAK
7		5460.000	2.114	53.752	55.866	-18.134	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 = 1MHz, 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 : 2015/10/03 - 15:05**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5240MHz**

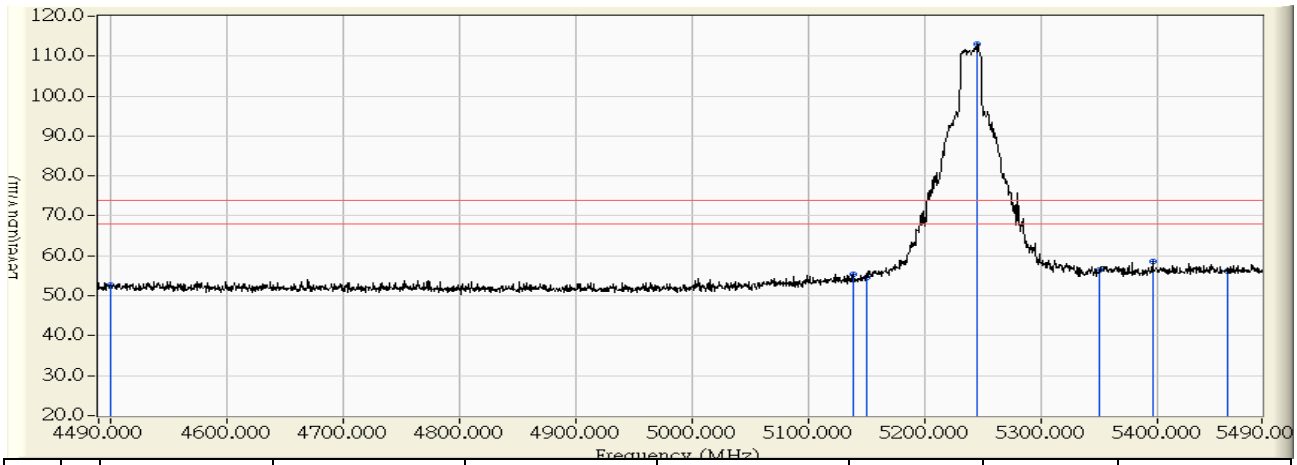


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	42.648	40.927	-13.073	54.000	AVERAGE
2		5147.500	-0.340	42.308	41.967	-12.033	54.000	AVERAGE
3		5150.000	-0.321	42.299	41.978	-12.022	54.000	AVERAGE
4	*	5244.500	0.422	93.054	93.475	39.475	54.000	AVERAGE
5		5350.000	1.250	42.419	43.669	-10.331	54.000	AVERAGE
6		5454.500	2.072	42.348	44.419	-9.581	54.000	AVERAGE
7		5460.000	2.114	42.219	44.333	-9.667	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 = 1MHz, 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 : 2015/10/03 - 15:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5240MHz**

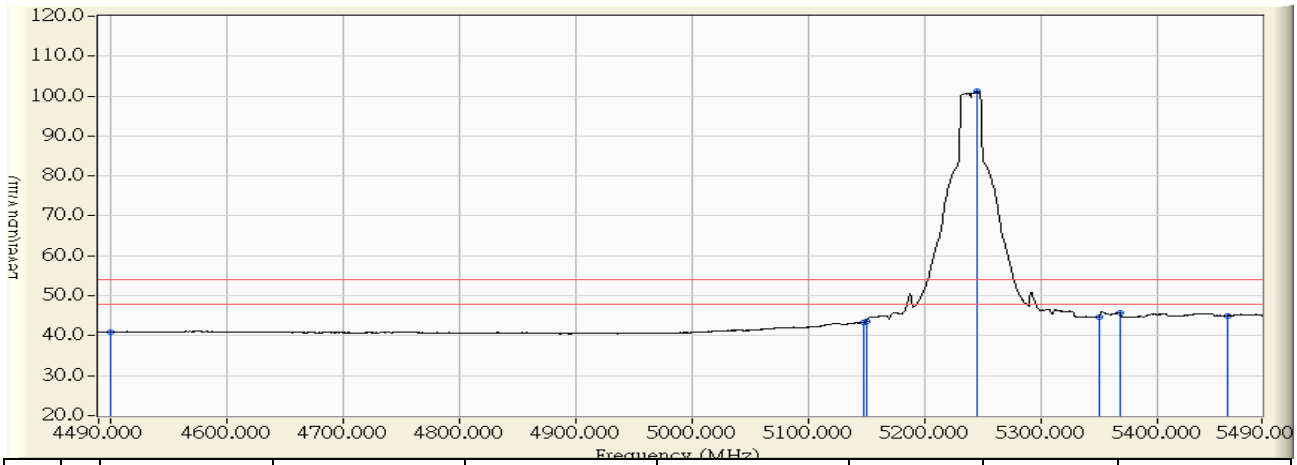


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	54.518	52.797	-21.203	74.000	PEAK
2		5138.500	-0.412	55.700	55.289	-18.711	74.000	PEAK
3		5150.000	-0.321	55.037	54.716	-19.284	74.000	PEAK
4	*	5244.500	0.422	112.554	112.975	38.975	74.000	PEAK
5		5350.000	1.250	55.122	56.372	-17.628	74.000	PEAK
6		5396.000	1.611	56.961	58.573	-15.427	74.000	PEAK
7		5460.000	2.114	54.088	56.202	-17.798	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 = 1MHz, 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 : 2015/10/03 - 15:15**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5240MHz**

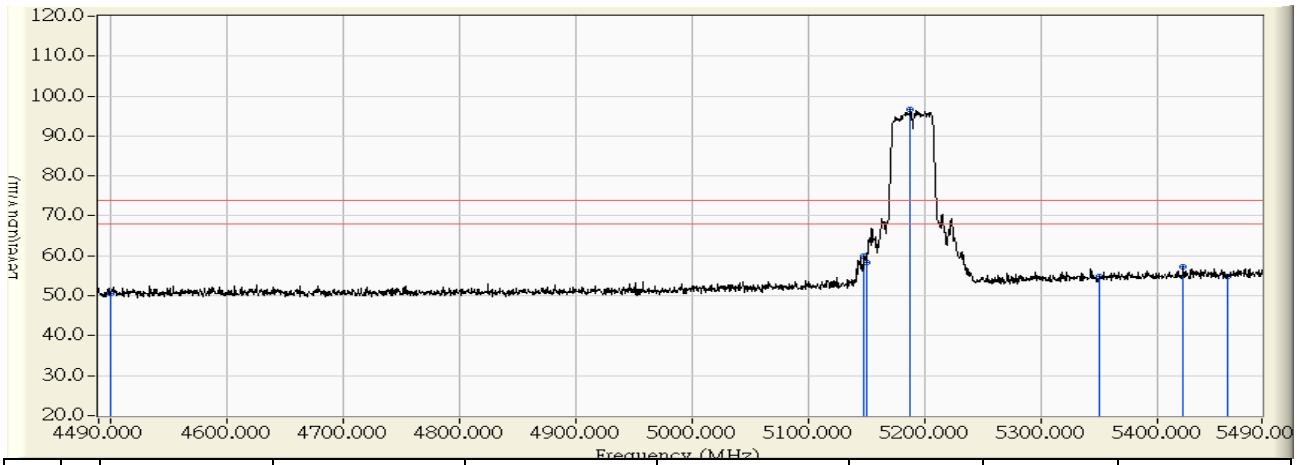


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	42.706	40.985	-13.015	54.000	AVERAGE
2		5147.500	-0.340	43.660	43.319	-10.681	54.000	AVERAGE
3		5150.000	-0.321	43.849	43.528	-10.472	54.000	AVERAGE
4	*	5245.000	0.426	100.684	101.109	47.109	54.000	AVERAGE
5		5350.000	1.250	43.500	44.750	-9.250	54.000	AVERAGE
6		5368.000	1.391	44.290	45.682	-8.318	54.000	AVERAGE
7		5460.000	2.114	42.924	45.038	-8.962	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 = 1MHz, 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 : 2015/10/03 - 15:20**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5190MHz**

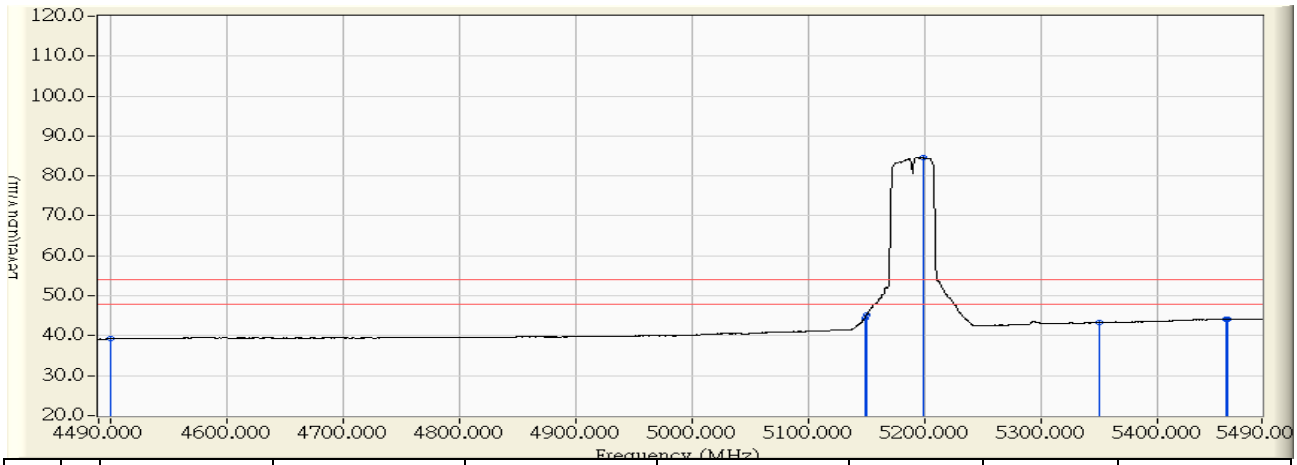


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	31.169	54.109	50.681	-23.319	74.000	PEAK
2		5148.000	-0.754	60.660	59.906	-14.094	74.000	PEAK
3		5150.000	33.796	59.072	58.334	-15.666	74.000	PEAK
4	*	5188.000	34.121	97.055	96.635	22.635	74.000	PEAK
5		5350.000	35.507	53.945	54.879	-19.121	74.000	PEAK
6		5422.500	36.128	55.686	57.225	-16.775	74.000	PEAK
7		5460.000	36.448	52.903	54.756	-19.244	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 = 1MHz, 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 : 2015/10/03 - 15:25**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5190MHz**

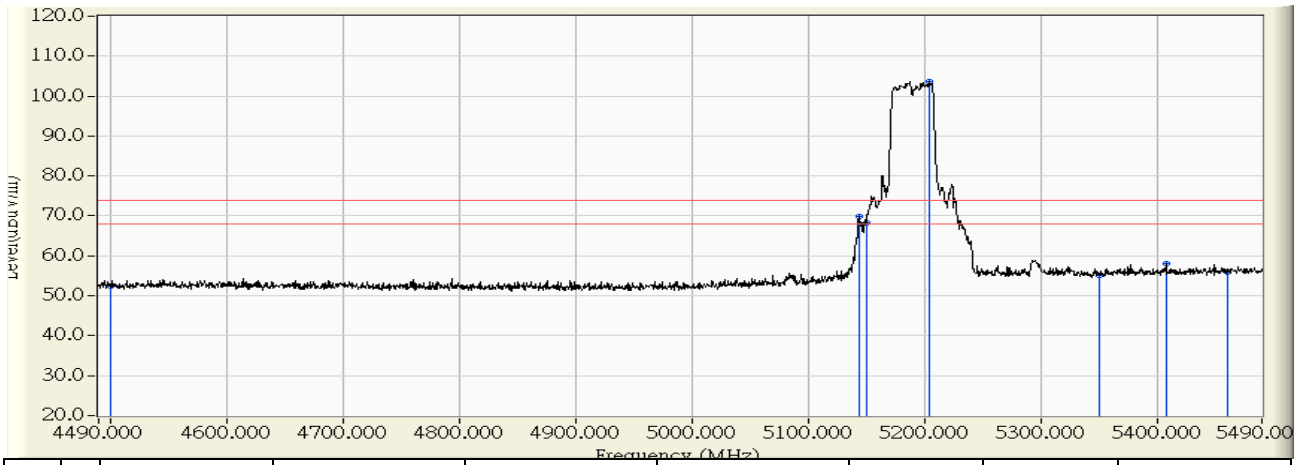


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-3.428	42.668	39.240	-14.760	54.000	AVERAGE
2		5148.500	-0.750	45.194	44.444	-9.556	54.000	AVERAGE
3		5150.000	-0.737	45.841	45.103	-8.897	54.000	AVERAGE
4	*	5198.500	-0.332	85.038	84.706	30.706	54.000	AVERAGE
5		5350.000	0.934	42.378	43.312	-10.688	54.000	AVERAGE
6		5459.000	1.844	42.220	44.064	-9.936	54.000	AVERAGE
7		5460.000	1.853	42.251	44.104	-9.896	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 = 1MHz, 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 : 2015/10/03 - 15:30**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5190MHz**

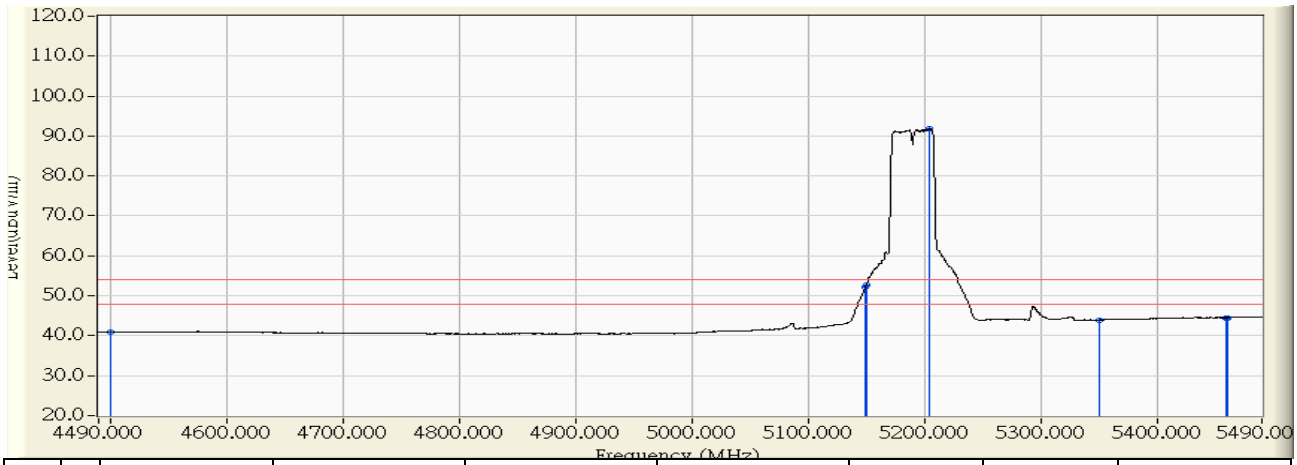


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	54.279	52.558	-21.442	74.000	PEAK
2		5143.500	-0.372	70.106	69.734	-4.266	74.000	PEAK
3		5150.000	-0.321	68.616	68.295	-5.705	74.000	PEAK
4	*	5203.500	0.099	103.500	103.599	29.599	74.000	PEAK
5		5350.000	1.250	53.883	55.133	-18.867	74.000	PEAK
6		5407.500	1.702	56.296	57.998	-16.002	74.000	PEAK
7		5460.000	2.114	53.868	55.982	-18.018	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 = 1MHz, 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 : 2015/10/03 - 15:38**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5190MHz**

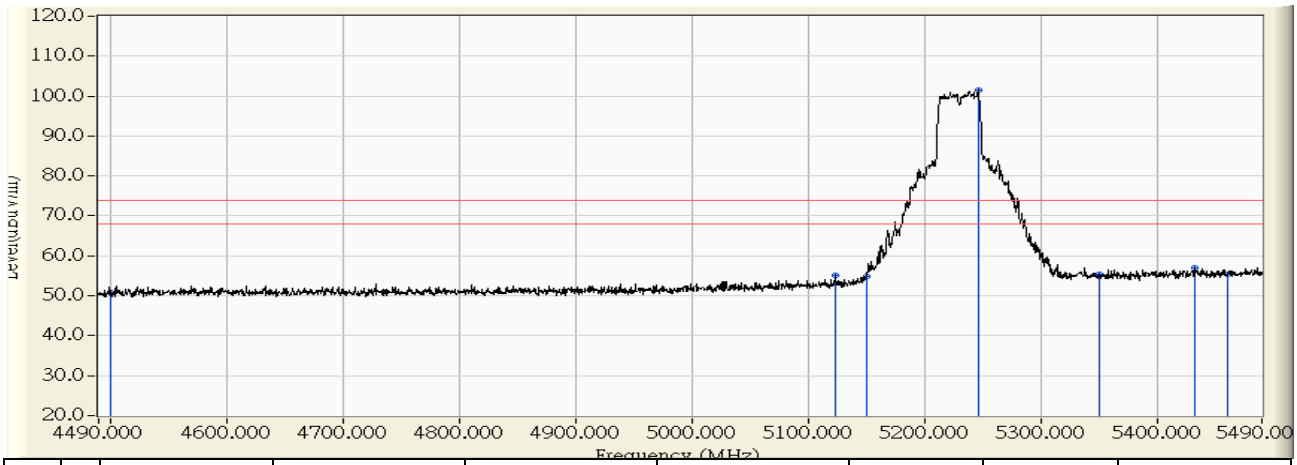


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	42.657	40.936	-13.064	54.000	AVERAGE
2		5149.500	-0.325	52.570	52.245	-1.755	54.000	AVERAGE
3		5150.000	-0.321	53.053	52.732	-1.268	54.000	AVERAGE
4	*	5204.500	0.108	91.876	91.983	37.983	54.000	AVERAGE
5		5350.000	1.250	42.723	43.973	-10.027	54.000	AVERAGE
6		5459.000	2.106	42.421	44.527	-9.473	54.000	AVERAGE
7		5460.000	2.114	42.411	44.525	-9.475	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 = 1MHz, 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 : 2015/10/03 - 15:46**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5230MHz**

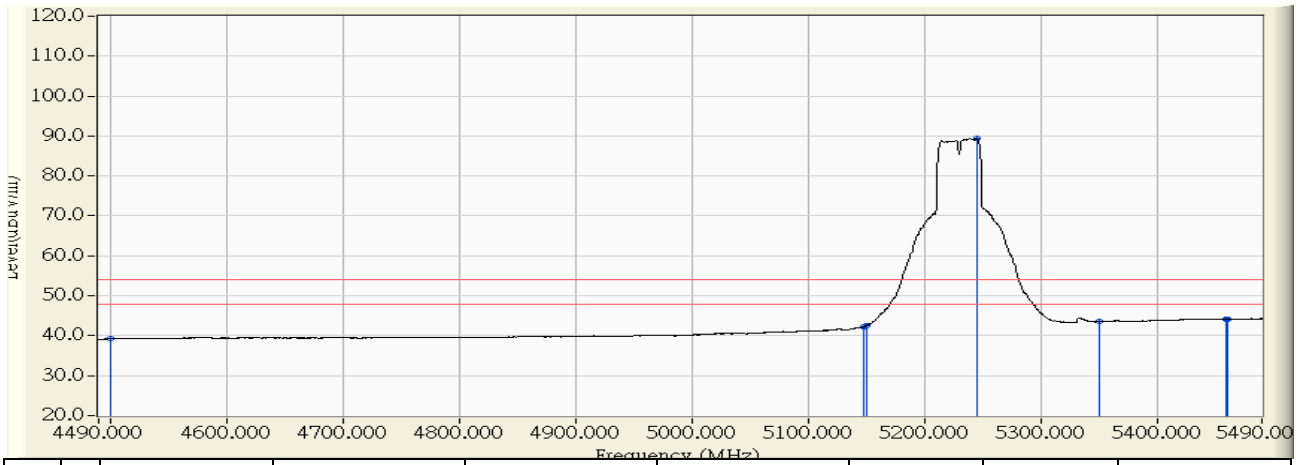


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-3.428	54.289	50.861	-23.139	74.000	PEAK
2		5123.000	-0.963	56.054	55.091	-18.909	74.000	PEAK
3		5150.000	-0.737	55.669	54.931	-19.069	74.000	PEAK
4	*	5246.500	0.068	101.322	101.391	27.391	74.000	PEAK
5		5350.000	0.934	54.587	55.521	-18.479	74.000	PEAK
6		5432.500	1.623	55.375	56.998	-17.002	74.000	PEAK
7		5460.000	1.853	53.621	55.474	-18.526	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 = 1MHz, 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 : 2015/10/03 - 15:50**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5230MHz**

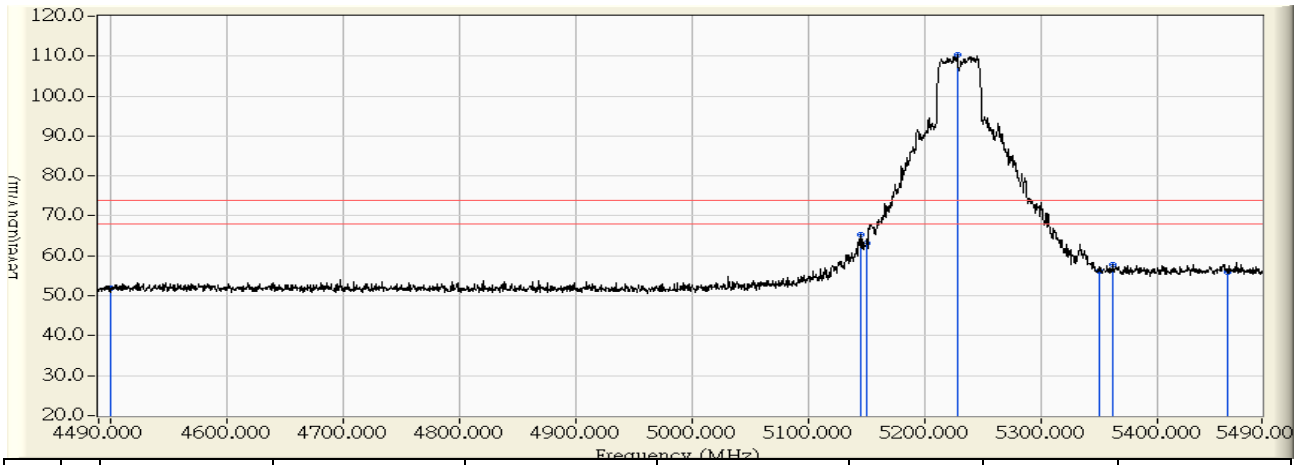


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-3.428	42.703	39.275	-14.725	54.000	AVERAGE
2		5148.000	-0.754	43.083	42.329	-11.671	54.000	AVERAGE
3		5150.000	-0.737	43.247	42.509	-11.491	54.000	AVERAGE
4	*	5245.000	0.057	89.376	89.432	35.432	54.000	AVERAGE
5		5350.000	0.934	42.526	43.460	-10.540	54.000	AVERAGE
6		5459.000	1.844	42.239	44.083	-9.917	54.000	AVERAGE
7		5460.000	1.853	42.320	44.173	-9.827	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 = 1MHz, 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 : 2015/10/03 - 15:55**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5230MHz**

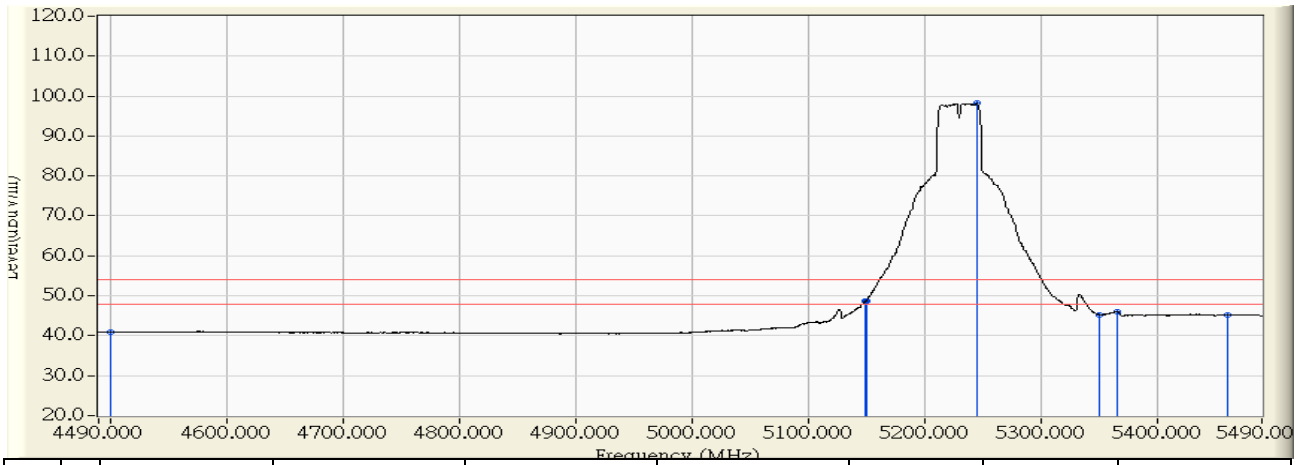


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	53.577	51.856	-22.144	74.000	PEAK
2		5145.500	-0.357	65.792	65.436	-8.564	74.000	PEAK
3		5150.000	-0.321	63.604	63.283	-10.717	74.000	PEAK
4	*	5228.000	0.291	110.059	110.351	36.351	74.000	PEAK
5		5350.000	1.250	54.899	56.149	-17.851	74.000	PEAK
6		5361.500	1.340	56.582	57.923	-16.077	74.000	PEAK
7		5460.000	2.114	53.851	55.965	-18.035	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 = 1MHz, 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 : 2015/10/03 - 16:00**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5230MHz**

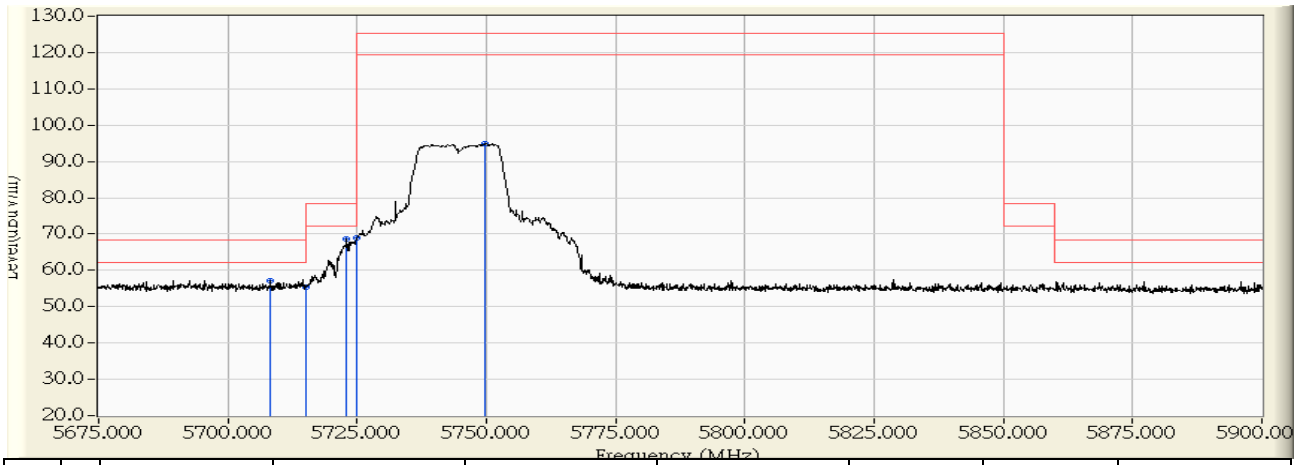


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4500.000	-1.721	42.693	40.972	-13.028	54.000	AVERAGE
2		5149.500	-0.325	48.948	48.623	-5.377	54.000	AVERAGE
3		5150.000	-0.321	48.997	48.676	-5.324	54.000	AVERAGE
4	*	5245.000	0.426	97.816	98.241	44.241	54.000	AVERAGE
5		5350.000	1.250	44.004	45.254	-8.746	54.000	AVERAGE
6		5365.000	1.369	44.684	46.052	-7.948	54.000	AVERAGE
7		5460.000	2.114	43.085	45.199	-8.801	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 = 1MHz, 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 : 2015/10/03 - 07:23**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5745MHz**

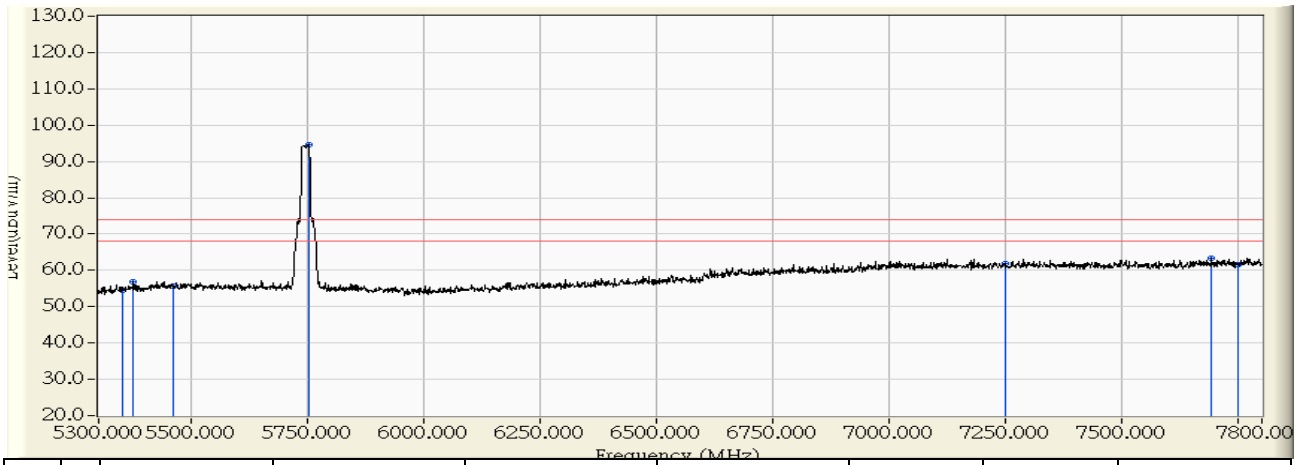


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5708.300	1.503	55.730	57.233	-11.067	68.300	PEAK
2		5715.000	1.487	54.027	55.514	-12.786	68.300	PEAK
3		5722.925	1.468	67.150	68.618	-9.682	78.300	PEAK
4	*	5725.000	1.463	67.415	68.878	-9.422	78.300	PEAK
5		5749.812	1.404	93.396	94.800	-30.500	125.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 07:25**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5745MHz**

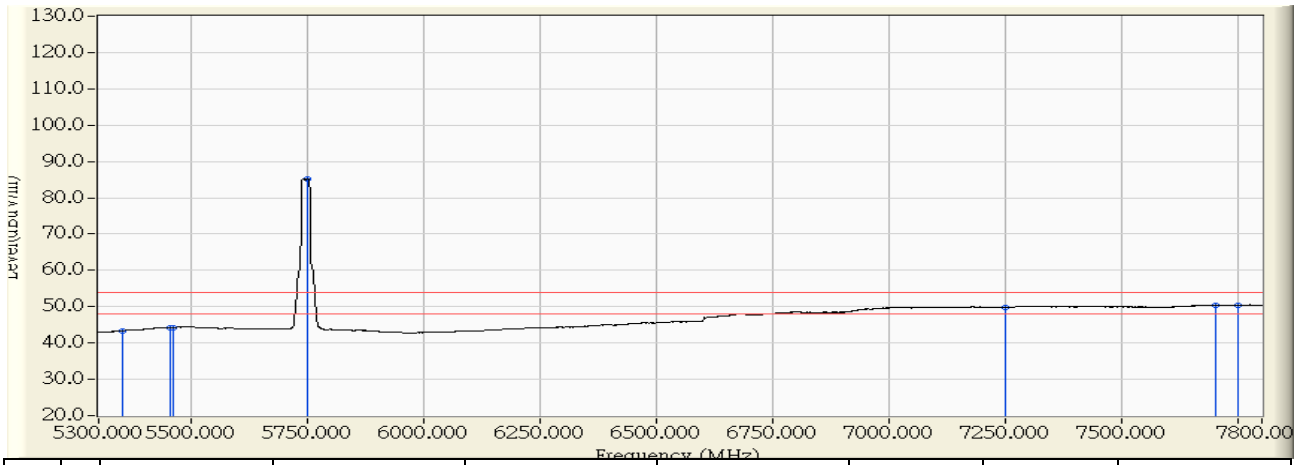


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	53.436	54.370	-19.630	74.000	PEAK
2		5375.000	1.143	55.753	56.896	-17.104	74.000	PEAK
3		5460.000	1.853	53.807	55.660	-18.340	74.000	PEAK
4	*	5751.250	1.400	93.245	94.645	20.645	74.000	PEAK
5		7250.000	5.954	55.976	61.929	-12.071	74.000	PEAK
6		7691.250	6.741	56.490	63.231	-10.769	74.000	PEAK
7		7750.000	6.833	54.703	61.537	-12.463	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 = 1MHz, 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 : 2015/10/03 - 07:30**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5745MHz**

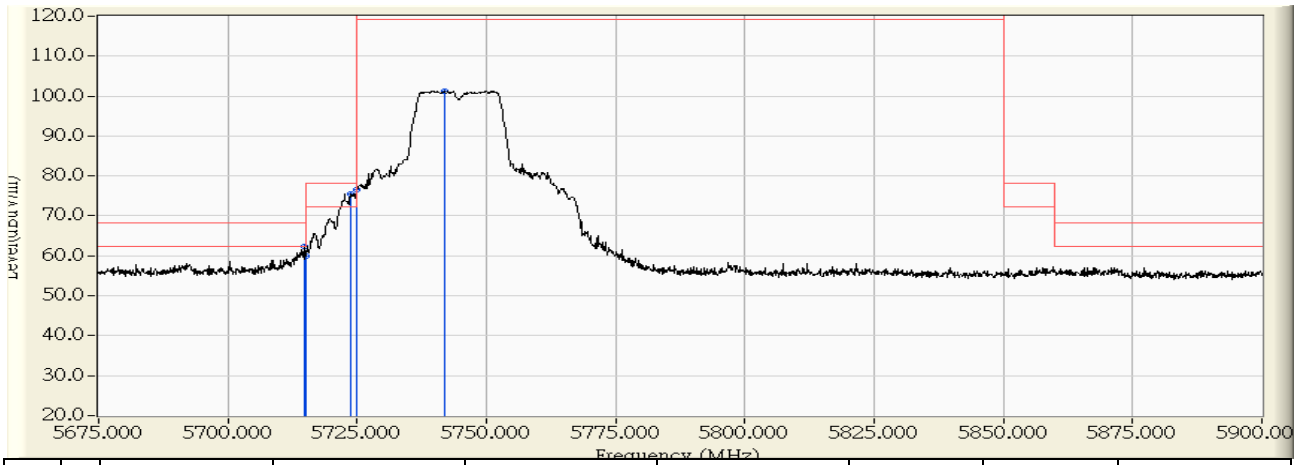


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	42.477	43.411	-10.589	54.000	AVERAGE
2		5452.500	1.790	42.393	44.183	-9.817	54.000	AVERAGE
3		5460.000	1.853	42.342	44.195	-9.805	54.000	AVERAGE
4	*	5748.750	1.406	83.884	85.290	31.290	54.000	AVERAGE
5		7250.000	5.954	43.888	49.841	-4.159	54.000	AVERAGE
6		7701.250	6.757	43.742	50.499	-3.501	54.000	AVERAGE
7		7750.000	6.833	43.626	50.460	-3.540	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 = 1MHz, 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 : 2015/10/03 - 07:35**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5745MHz**

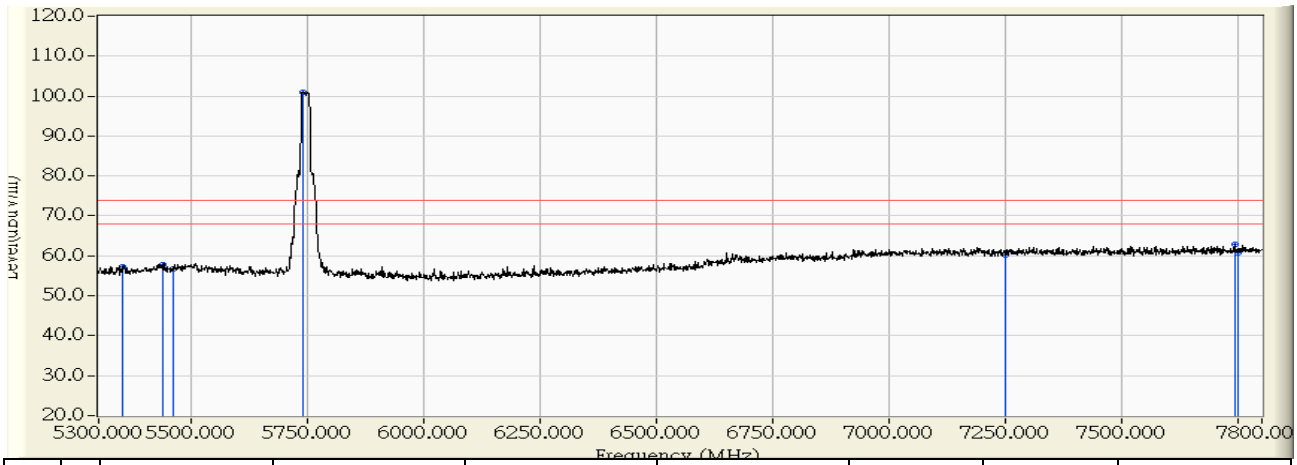


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5714.712	1.622	60.621	62.243	-6.057	68.300	PEAK
2		5715.000	1.621	58.204	59.825	-8.475	68.300	PEAK
3		5723.712	1.596	73.863	75.459	-2.841	78.300	PEAK
4	*	5725.000	1.592	74.912	76.504	-1.796	78.300	PEAK
5		5741.825	1.543	99.819	101.362	-23.938	125.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 07:37**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5745MHz**

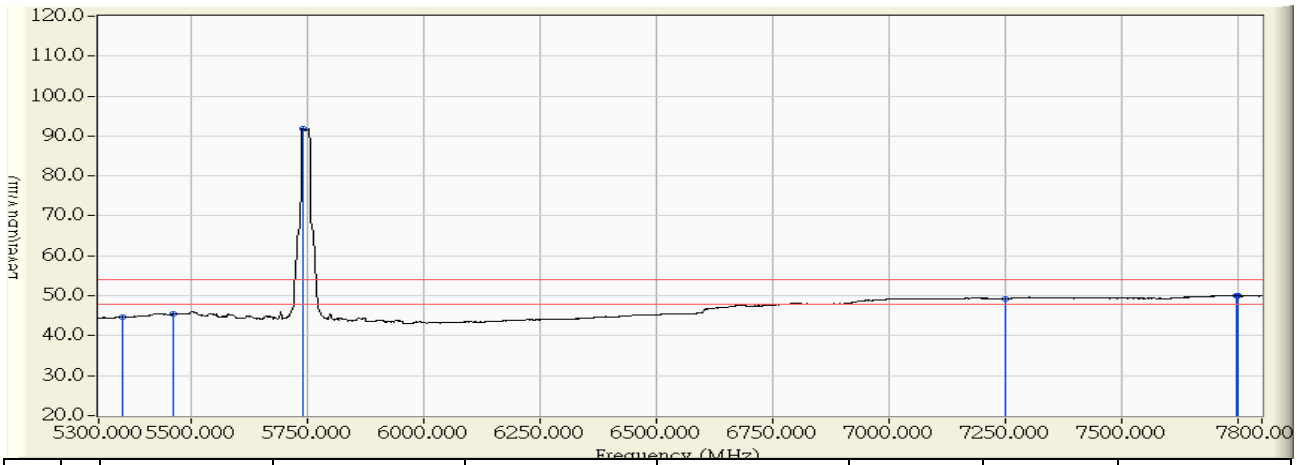


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	56.012	57.262	-16.738	74.000	PEAK
2		5437.500	1.938	55.981	57.919	-16.081	74.000	PEAK
3		5460.000	2.114	54.566	56.680	-17.320	74.000	PEAK
4	*	5740.000	1.549	99.479	101.028	27.028	74.000	PEAK
5		7250.000	5.454	54.723	60.176	-13.824	74.000	PEAK
6		7741.250	6.320	56.535	62.855	-11.145	74.000	PEAK
7		7750.000	6.333	54.520	60.854	-13.146	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 = 1MHz, 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 : 2015/10/03 - 07:42**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5745MHz**

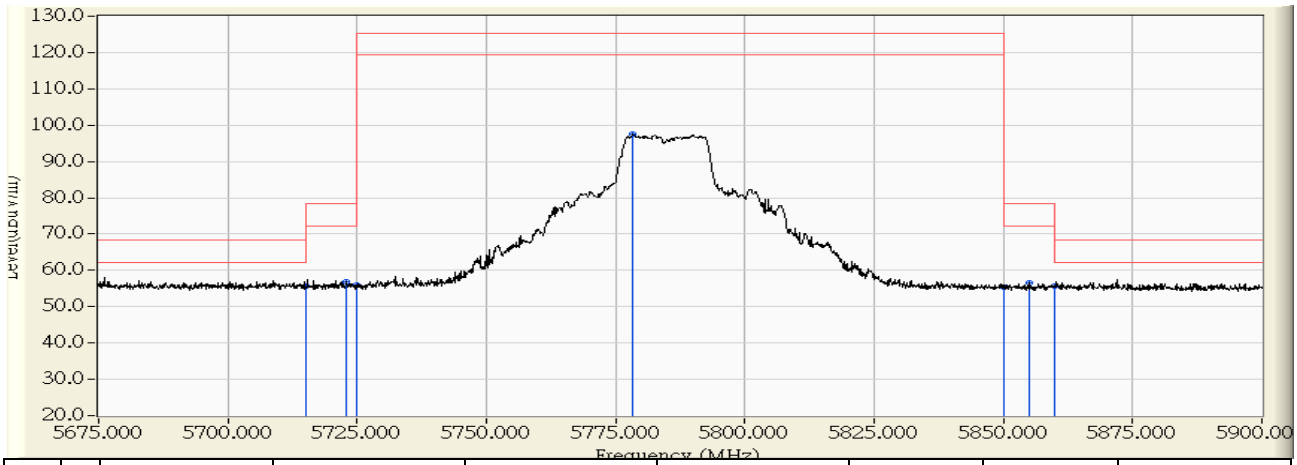


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	43.523	44.773	-9.227	54.000	AVERAGE
2		5460.000	2.114	43.264	45.378	-8.622	54.000	AVERAGE
3	*	5740.000	1.549	90.265	91.814	37.814	54.000	AVERAGE
4		7250.000	5.454	43.816	49.269	-4.731	54.000	AVERAGE
5		7745.000	6.326	43.569	49.895	-4.105	54.000	AVERAGE
6		7750.000	6.333	43.615	49.949	-4.051	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 = 1MHz, 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 : 2015/10/03 - 07:48**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5785MHz**

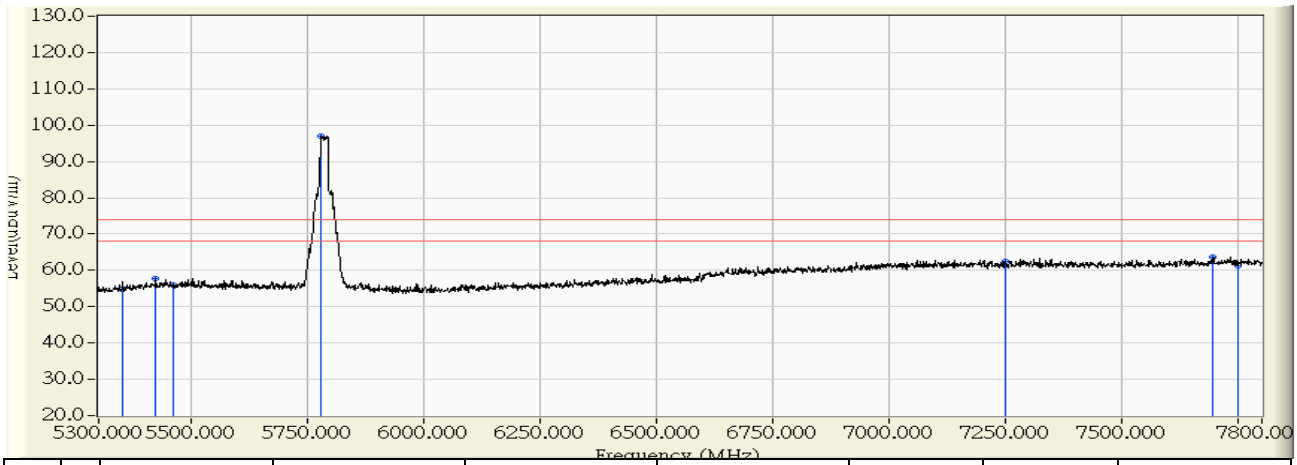


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5715.000	1.487	54.127	55.614	-12.686	68.300	PEAK
2		5722.925	1.468	55.515	56.983	-21.317	78.300	PEAK
3		5725.000	1.463	54.456	55.919	-22.381	78.300	PEAK
4		5778.388	1.335	96.109	97.444	-27.856	125.300	PEAK
5		5850.000	1.163	54.366	55.529	-22.771	78.300	PEAK
6		5854.888	1.151	55.390	56.541	-21.759	78.300	PEAK
7	*	5860.000	1.139	54.568	55.707	-12.593	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 07:54**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5785MHz**

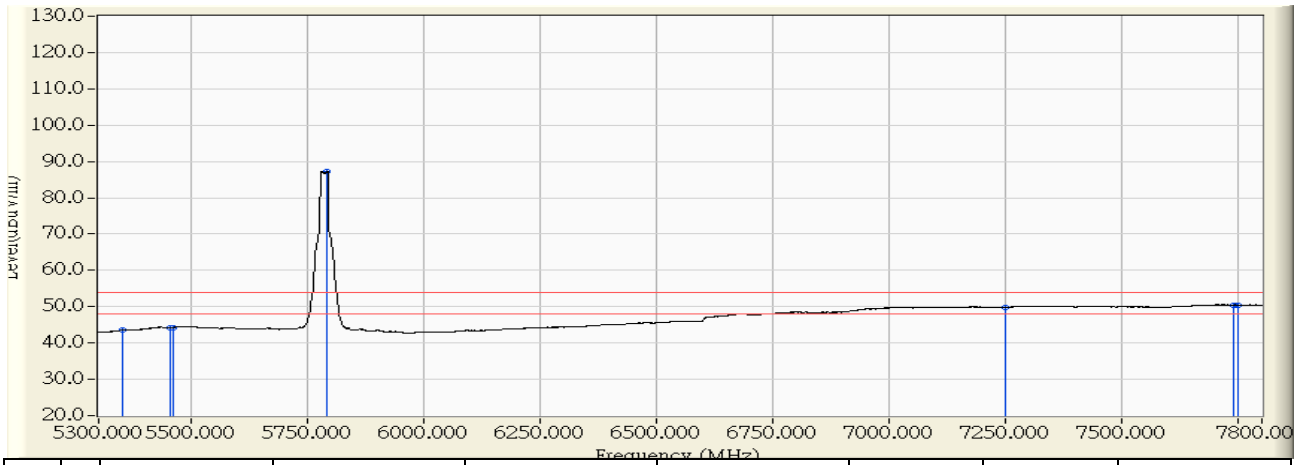


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	53.945	54.879	-19.121	74.000	PEAK
2		5422.500	1.540	56.142	57.681	-16.319	74.000	PEAK
3		5460.000	1.853	54.172	56.025	-17.975	74.000	PEAK
4	*	5778.750	1.334	95.609	96.943	22.943	74.000	PEAK
5		7250.000	5.954	56.646	62.599	-11.401	74.000	PEAK
6		7693.750	6.745	56.762	63.507	-10.493	74.000	PEAK
7		7750.000	6.833	54.528	61.362	-12.638	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 = 1MHz, 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 : 2015/10/03 - 08:00**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5785MHz**

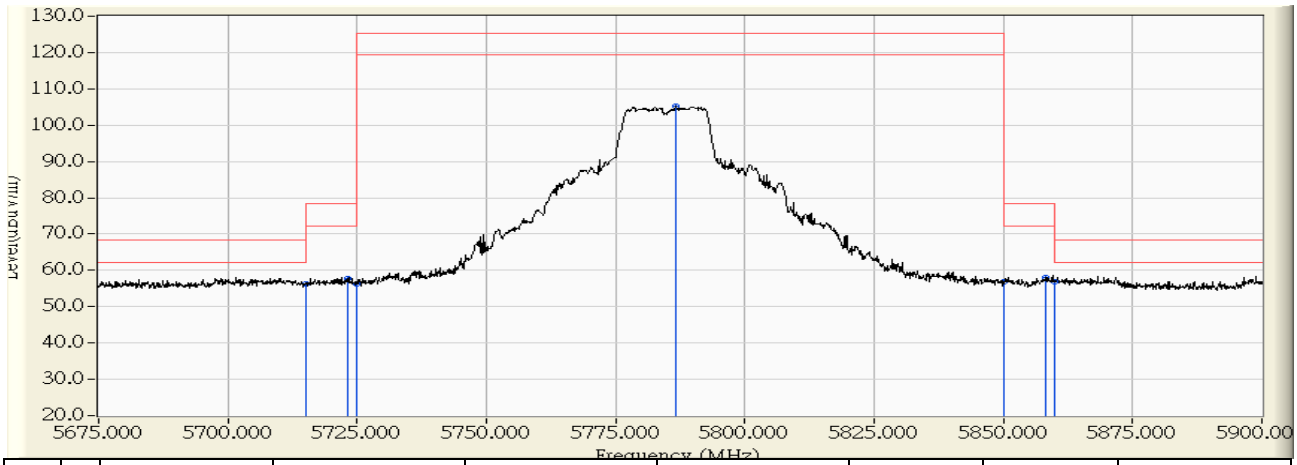


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	42.564	43.498	-10.502	54.000	AVERAGE
2		5452.500	1.790	42.445	44.235	-9.765	54.000	AVERAGE
3		5460.000	1.853	42.450	44.303	-9.697	54.000	AVERAGE
4	*	5791.250	1.304	85.841	87.145	33.145	54.000	AVERAGE
5		7250.000	5.954	43.846	49.799	-4.201	54.000	AVERAGE
6		7737.500	6.814	43.686	50.500	-3.500	54.000	AVERAGE
7		7750.000	6.833	43.655	50.489	-3.511	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 = 1MHz, 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 : 2015/10/03 - 08:05**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5785MHz**

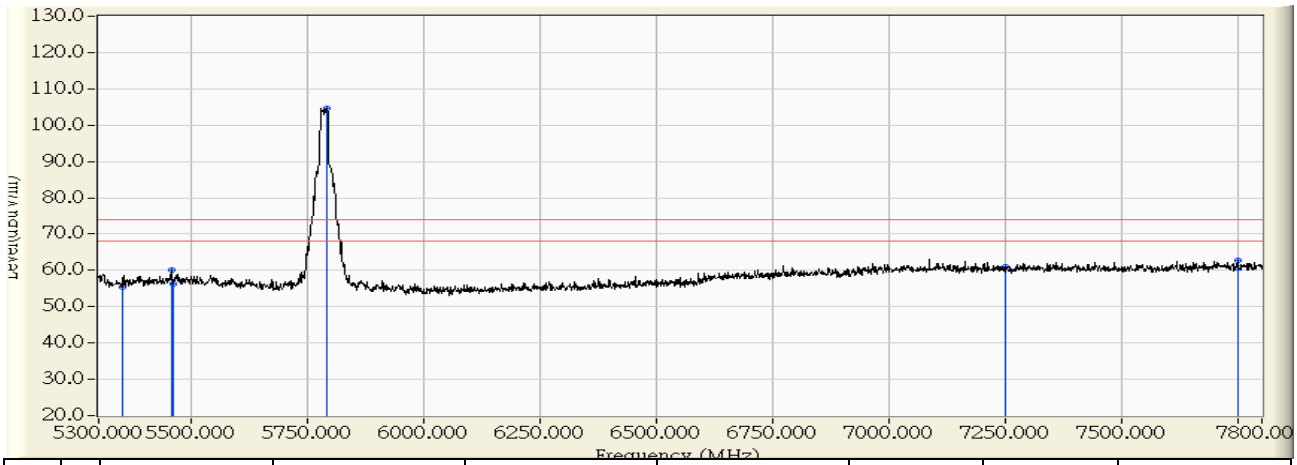


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5715.000	1.621	54.686	56.307	-11.993	68.300	PEAK
2		5723.150	1.597	56.242	57.840	-20.460	78.300	PEAK
3		5725.000	1.592	54.699	56.291	-22.009	78.300	PEAK
4		5786.600	1.413	103.835	105.248	-20.052	125.300	PEAK
5		5850.000	1.229	55.648	56.877	-21.423	78.300	PEAK
6		5858.038	1.206	56.984	58.190	-20.110	78.300	PEAK
7	*	5860.000	1.201	55.637	56.837	-11.463	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 08:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5785MHz**

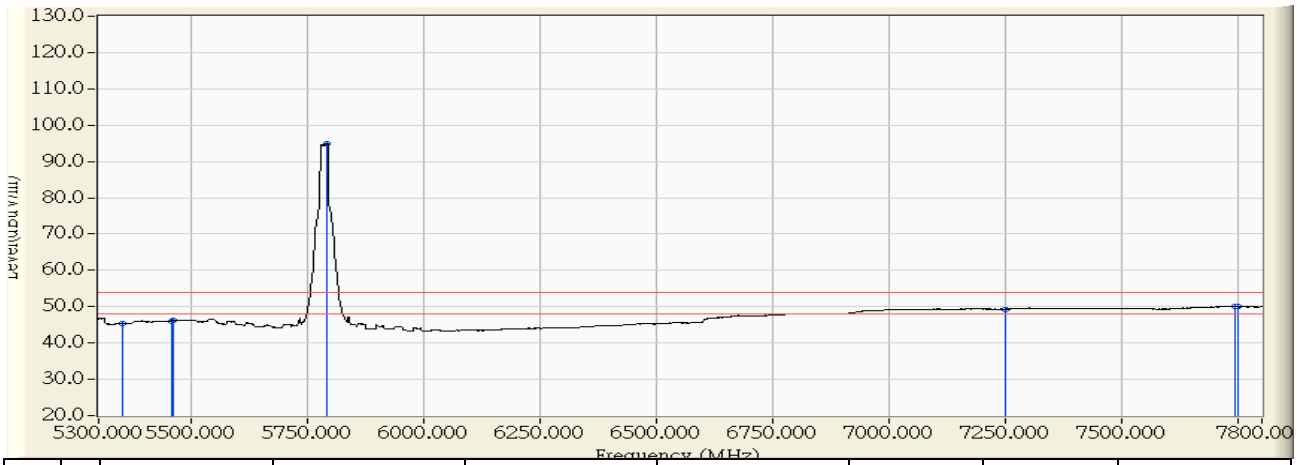


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	54.098	55.348	-18.652	74.000	PEAK
2		5456.250	2.085	57.933	60.018	-13.982	74.000	PEAK
3		5460.000	2.114	54.269	56.383	-17.617	74.000	PEAK
4	*	5790.000	1.404	103.270	104.674	30.674	74.000	PEAK
5		7250.000	5.454	55.429	60.882	-13.118	74.000	PEAK
6		7747.500	6.330	56.456	62.786	-11.214	74.000	PEAK
7		7750.000	6.333	54.276	60.610	-13.390	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 = 1MHz, 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 : 2015/10/03 - 08:15**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5785MHz**

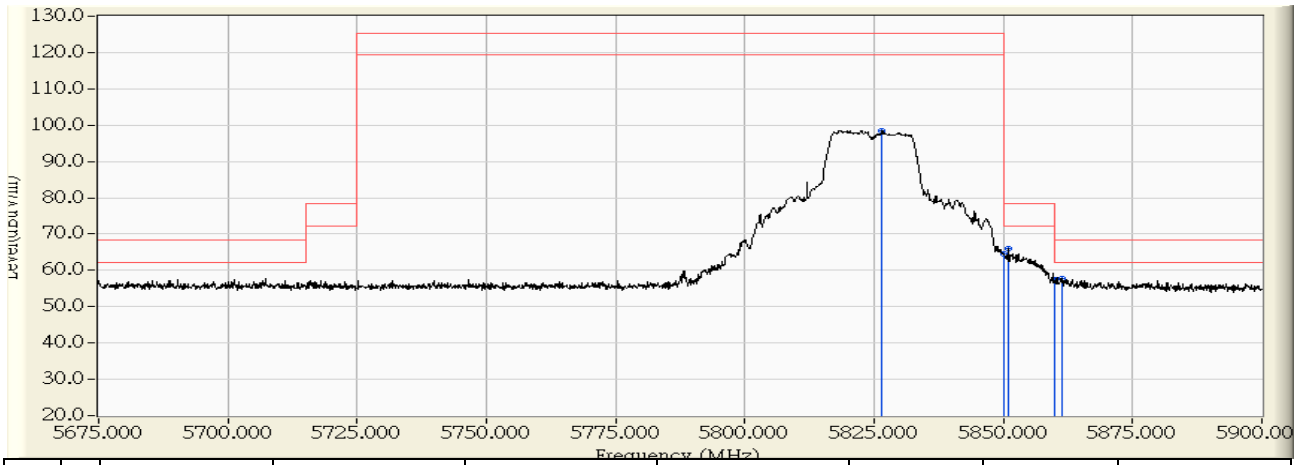


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	44.134	45.384	-8.616	54.000	AVERAGE
2		5456.250	2.085	43.965	46.050	-7.950	54.000	AVERAGE
3		5460.000	2.114	44.069	46.183	-7.817	54.000	AVERAGE
4	*	5791.250	1.400	93.439	94.839	40.839	54.000	AVERAGE
5		7250.000	5.454	43.876	49.329	-4.671	54.000	AVERAGE
6		7741.250	6.320	43.704	50.024	-3.976	54.000	AVERAGE
7		7750.000	6.333	43.609	49.943	-4.057	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 = 1MHz, 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 : 2015/10/03 - 08:21**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5825MHz**

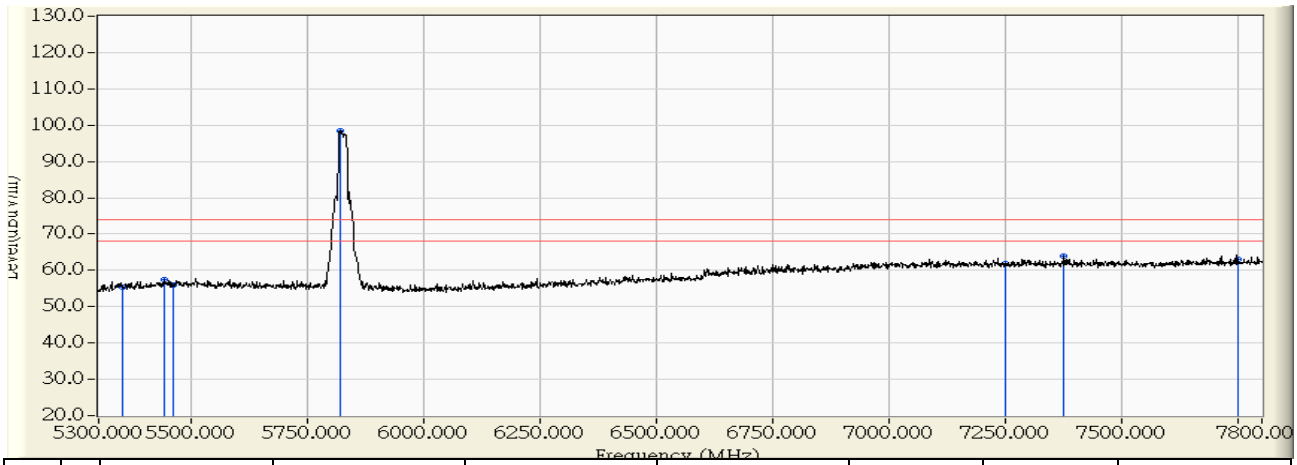


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5826.538	1.219	97.198	98.417	-26.883	125.300	PEAK
2		5850.000	1.163	63.508	64.671	-13.629	78.300	PEAK
3		5850.950	1.160	64.980	66.140	-12.160	78.300	PEAK
4		5860.000	1.139	56.168	57.307	-10.993	68.300	PEAK
5	*	5861.300	1.135	56.735	57.871	-10.429	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 08:24**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5825MHz**

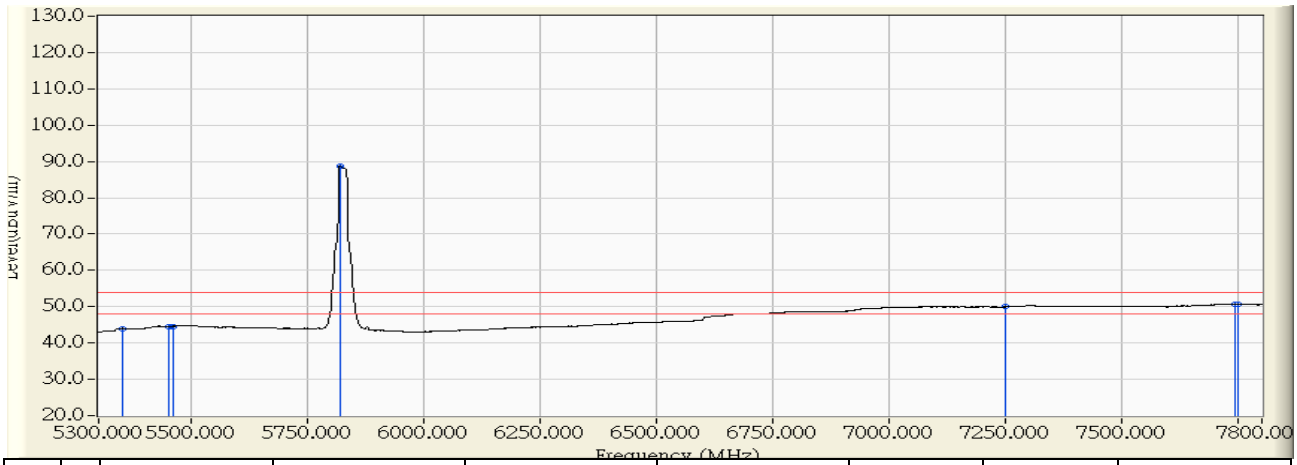


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	54.392	55.326	-18.674	74.000	PEAK
2		5440.000	1.686	55.795	57.481	-16.519	74.000	PEAK
3		5460.000	1.853	54.181	56.034	-17.966	74.000	PEAK
4	*	5818.750	1.238	97.173	98.411	24.411	74.000	PEAK
5		7250.000	5.954	55.957	61.910	-12.090	74.000	PEAK
6		7373.750	6.198	57.882	64.079	-9.921	74.000	PEAK
7		7750.000	6.833	56.085	62.919	-11.081	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 = 1MHz, 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 : 2015/10/03 - 08:30**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5825MHz**

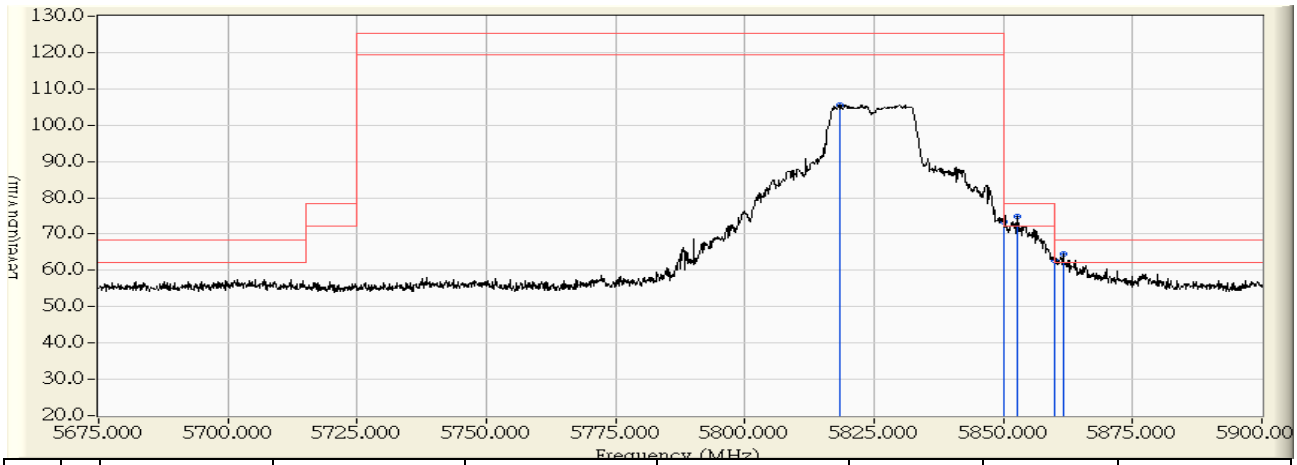


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	43.097	44.031	-9.969	54.000	AVERAGE
2		5450.000	1.770	42.726	44.495	-9.505	54.000	AVERAGE
3		5460.000	1.853	42.764	44.617	-9.383	54.000	AVERAGE
4	*	5820.000	1.235	87.486	88.721	34.721	54.000	AVERAGE
5		7250.000	5.954	44.019	49.972	-4.028	54.000	AVERAGE
6		7741.250	6.820	43.851	50.671	-3.329	54.000	AVERAGE
7		7750.000	6.833	43.772	50.606	-3.394	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 = 1MHz, 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 : 2015/10/03 - 08:35**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5825MHz**

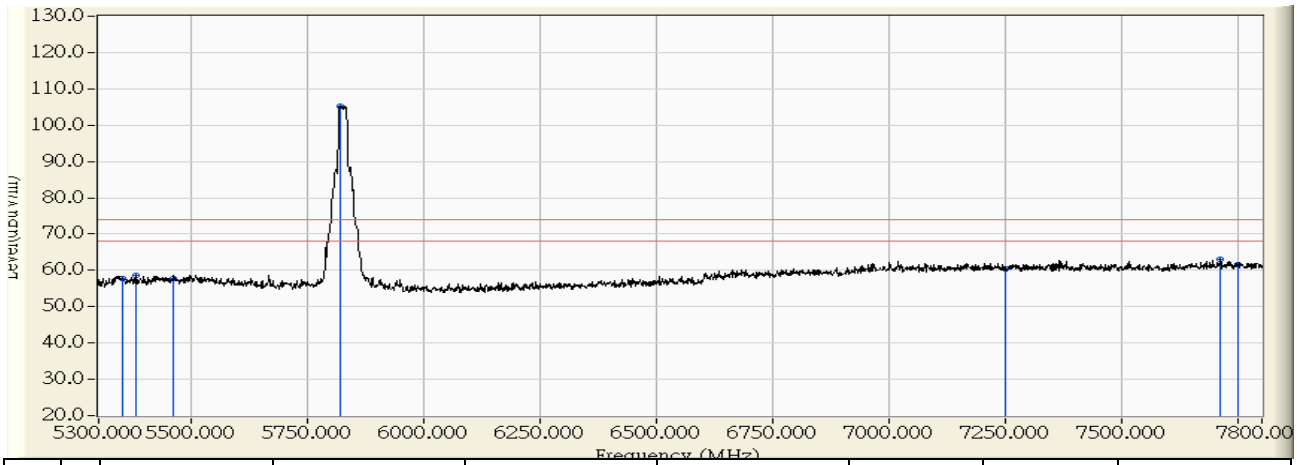


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5818.437	1.321	104.277	105.598	-19.702	125.300	PEAK
2		5850.000	1.229	72.224	73.453	-4.847	78.300	PEAK
3	*	5852.638	1.221	73.616	74.838	-3.462	78.300	PEAK
4		5860.000	1.201	61.594	62.794	-5.506	68.300	PEAK
5		5861.638	1.196	63.231	64.426	-3.874	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 08:40**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5825MHz**

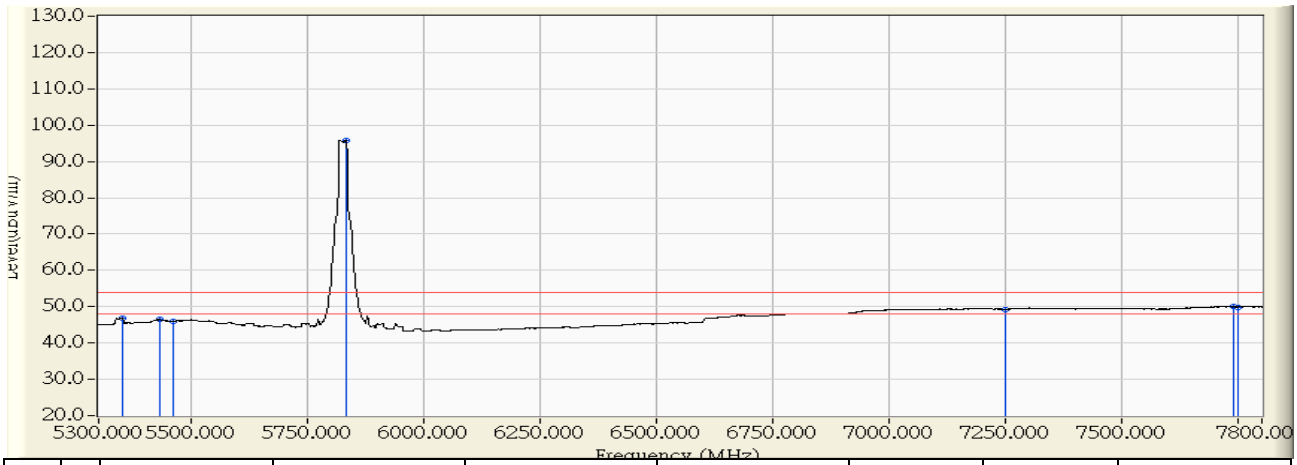


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	56.474	57.724	-16.276	74.000	PEAK
2		5381.250	1.495	57.186	58.682	-15.318	74.000	PEAK
3		5460.000	2.114	55.652	57.766	-16.234	74.000	PEAK
4	*	5818.750	1.320	104.040	105.360	31.360	74.000	PEAK
5		7250.000	5.454	54.901	60.354	-13.646	74.000	PEAK
6		7711.250	6.273	56.796	63.069	-10.931	74.000	PEAK
7		7750.000	6.333	55.195	61.529	-12.471	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 = 1MHz, 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 : 2015/10/03 - 08:45**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11a_5825MHz**

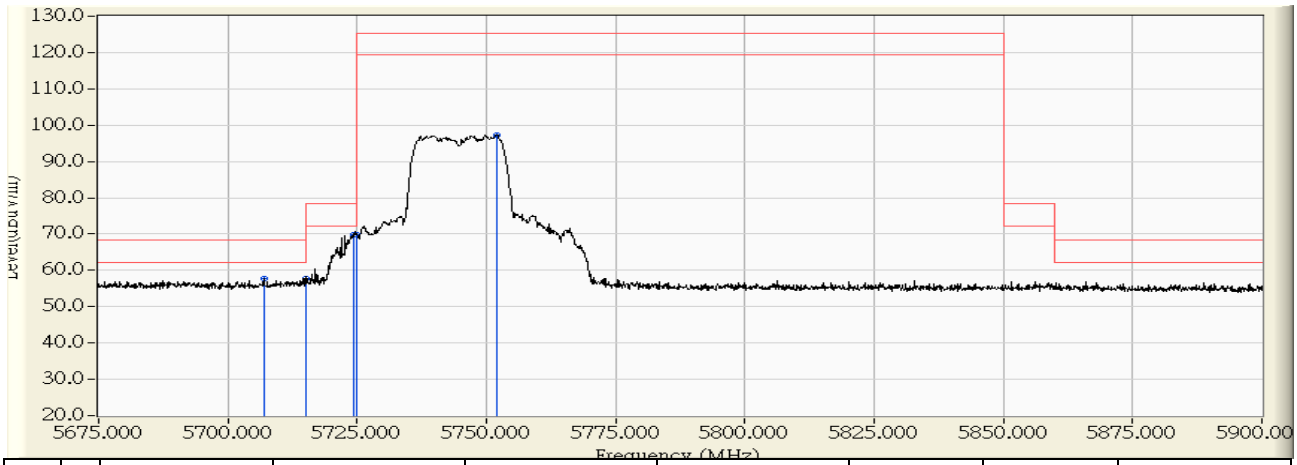


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	45.569	46.819	-7.181	54.000	AVERAGE
2		5431.250	1.888	44.574	46.462	-7.538	54.000	AVERAGE
3		5460.000	2.114	43.881	45.995	-8.005	54.000	AVERAGE
4	*	5831.250	1.284	94.481	95.765	41.765	54.000	AVERAGE
5		7250.000	5.454	43.812	49.265	-4.735	54.000	AVERAGE
6		7737.500	6.314	43.643	49.957	-4.043	54.000	AVERAGE
7		7750.000	6.333	43.560	49.894	-4.106	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 = 1MHz, 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 : 2015/10/03 - 08:55**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5745MHz**

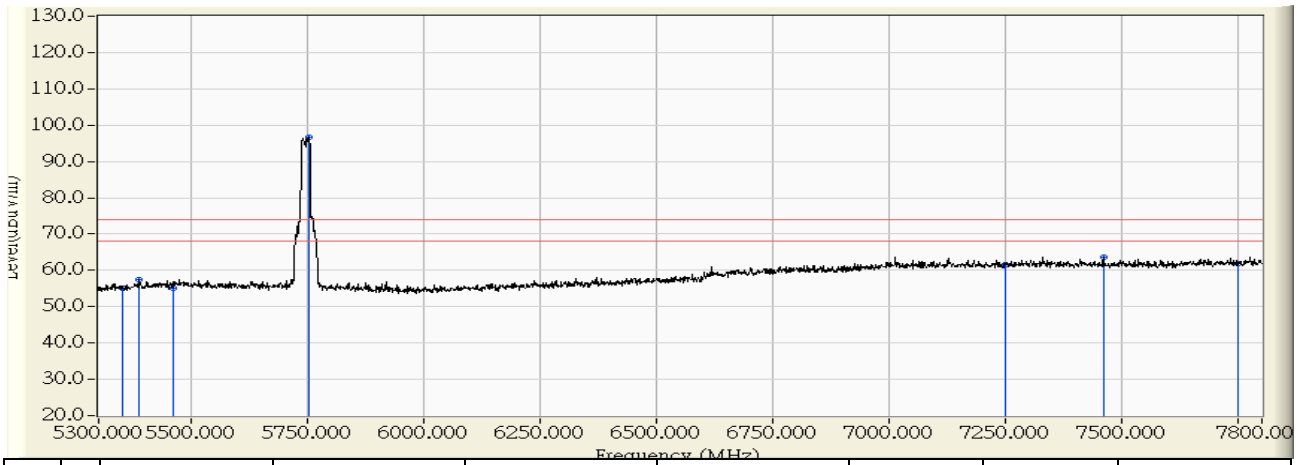


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5706.950	1.506	56.117	57.624	-10.676	68.300	PEAK
2		5715.000	1.487	56.295	57.782	-10.518	68.300	PEAK
3	*	5724.388	1.465	68.463	69.928	-8.372	78.300	PEAK
4		5725.000	1.463	68.338	69.801	-8.499	78.300	PEAK
5		5751.950	1.398	95.969	97.367	-27.933	125.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 08:59**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5745MHz**

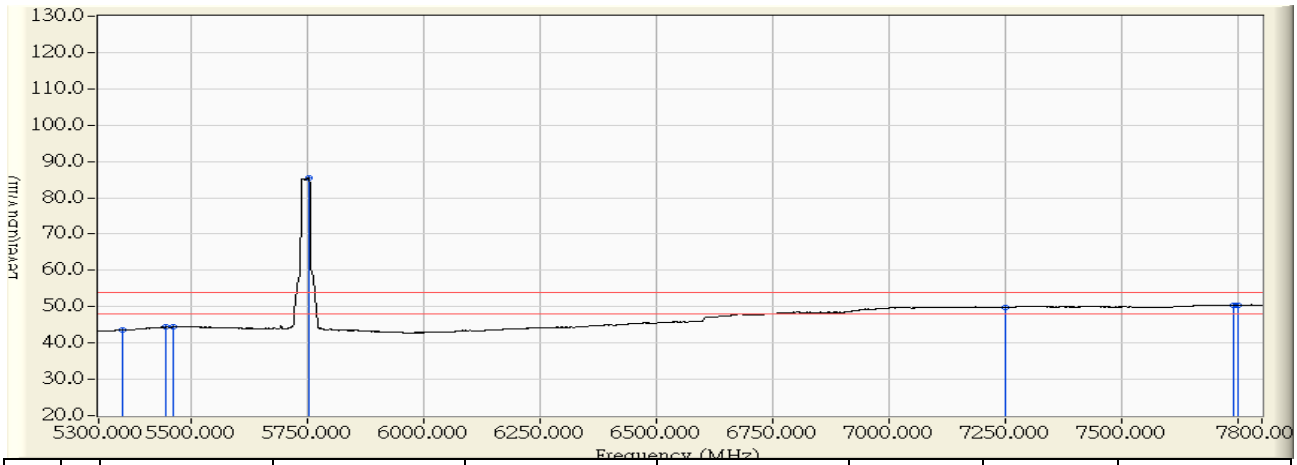


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	54.121	55.055	-18.945	74.000	PEAK
2		5385.000	1.227	56.098	57.324	-16.676	74.000	PEAK
3		5460.000	1.853	53.325	55.178	-18.822	74.000	PEAK
4	*	5752.500	1.398	95.291	96.688	22.688	74.000	PEAK
5		7250.000	5.954	55.697	61.650	-12.350	74.000	PEAK
6		7458.750	6.364	57.347	63.711	-10.289	74.000	PEAK
7		7750.000	6.833	55.035	61.869	-12.131	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 = 1MHz, 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 : 2015/10/03 - 09:05**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5745MHz**

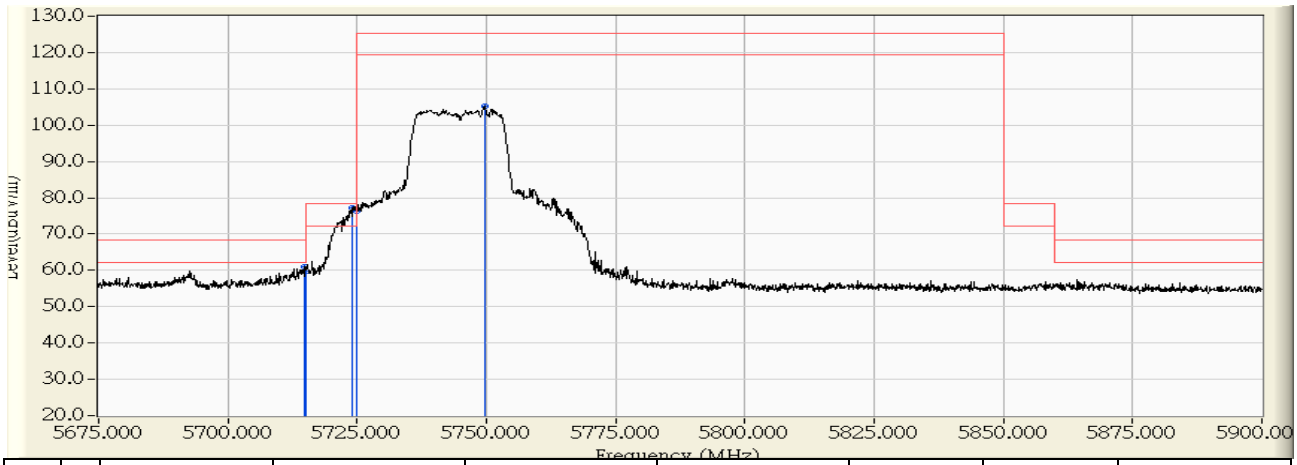


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	42.682	43.616	-10.384	54.000	AVERAGE
2		5445.000	1.728	42.651	44.378	-9.622	54.000	AVERAGE
3		5460.000	1.853	42.505	44.358	-9.642	54.000	AVERAGE
4	*	5751.250	1.400	84.046	85.446	31.446	54.000	AVERAGE
5		7250.000	5.954	43.802	49.755	-4.245	54.000	AVERAGE
6		7737.500	6.814	43.698	50.512	-3.488	54.000	AVERAGE
7		7750.000	6.833	43.604	50.438	-3.562	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 = 1MHz, 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 : 2015/10/03 - 09:11**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5745MHz**

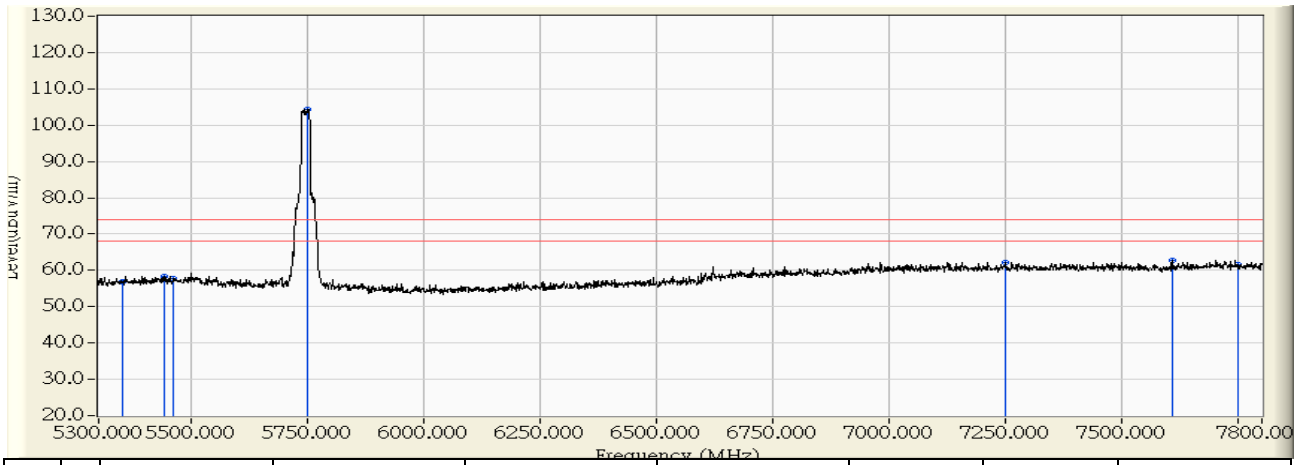


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5714.712	1.622	59.490	61.112	-7.188	68.300	PEAK
2		5715.000	1.621	58.268	59.889	-8.411	68.300	PEAK
3	*	5724.163	1.595	75.707	77.302	-0.998	78.300	PEAK
4		5725.000	1.592	74.741	76.333	-1.967	78.300	PEAK
5		5749.587	1.521	103.682	105.203	-20.097	125.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 09:18**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5745MHz**

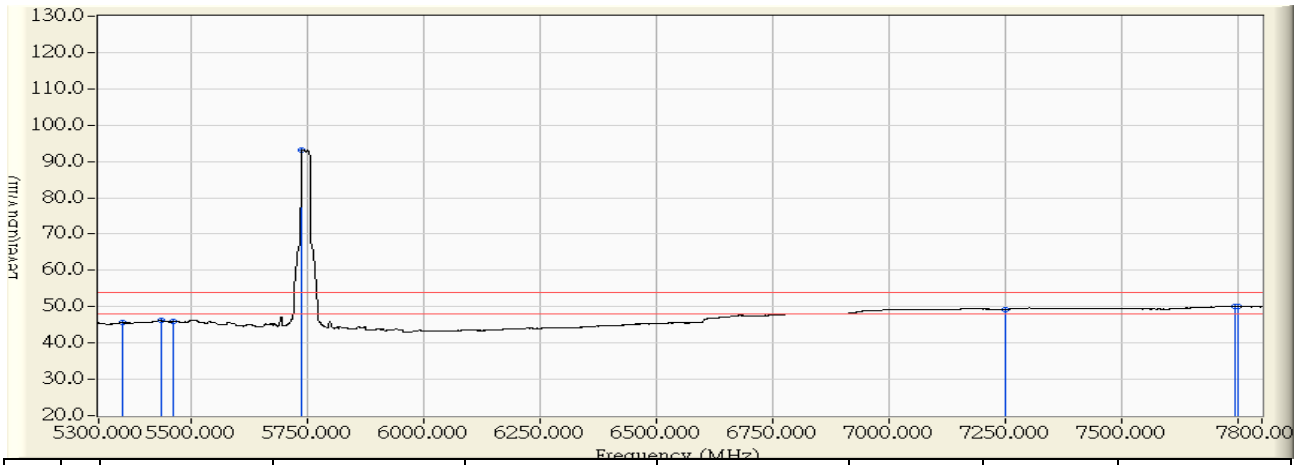


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	55.508	56.758	-17.242	74.000	PEAK
2		5442.500	1.977	56.272	58.249	-15.751	74.000	PEAK
3		5460.000	2.114	55.651	57.765	-16.235	74.000	PEAK
4	*	5750.000	1.520	102.870	104.390	30.390	74.000	PEAK
5		7250.000	5.454	56.754	62.207	-11.793	74.000	PEAK
6		7608.750	6.111	56.657	62.768	-11.232	74.000	PEAK
7		7750.000	6.333	55.285	61.619	-12.381	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 = 1MHz, 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 : 2015/10/03 - 09:24**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5745MHz**

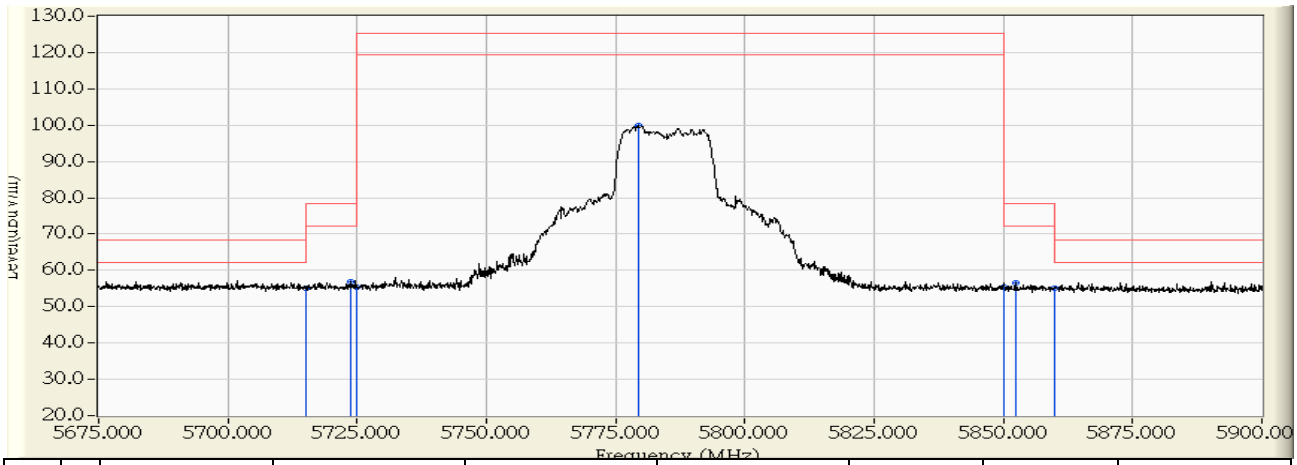


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	44.329	45.579	-8.421	54.000	AVERAGE
2		5433.750	1.908	44.210	46.118	-7.882	54.000	AVERAGE
3		5460.000	2.114	43.701	45.815	-8.185	54.000	AVERAGE
4	*	5737.500	1.556	91.645	93.201	39.201	54.000	AVERAGE
5		7250.000	5.454	43.834	49.287	-4.713	54.000	AVERAGE
6		7741.250	6.320	43.688	50.008	-3.992	54.000	AVERAGE
7		7750.000	6.333	43.657	49.991	-4.009	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 = 1MHz, 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 : 2015/10/03 - 09:30**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5785MHz**

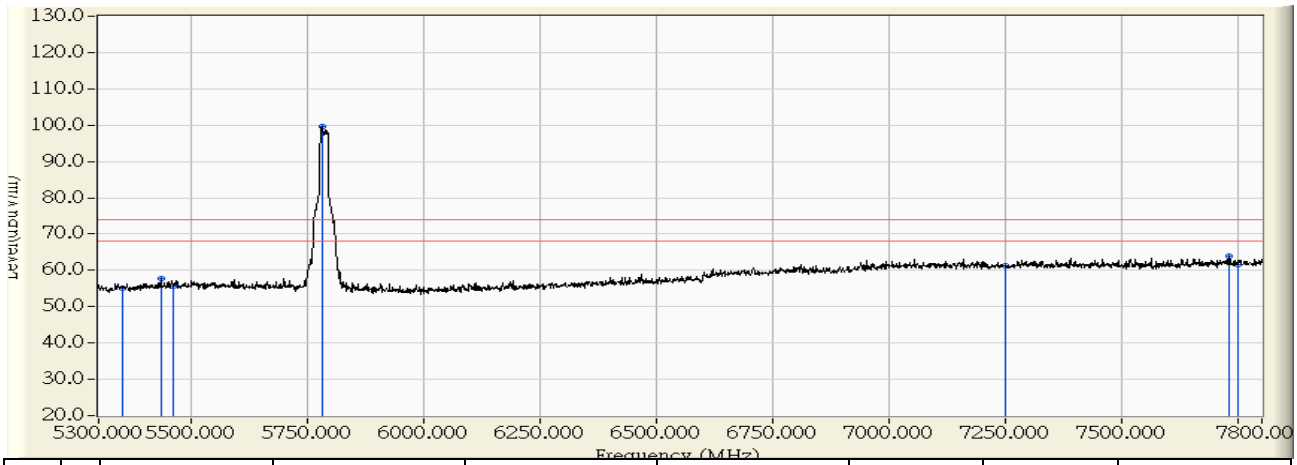


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5715.000	1.487	53.657	55.144	-13.156	68.300	PEAK
2		5723.712	1.466	55.426	56.892	-21.408	78.300	PEAK
3		5725.000	1.463	53.974	55.437	-22.863	78.300	PEAK
4		5779.288	1.333	98.440	99.773	-25.527	125.300	PEAK
5		5850.000	1.163	54.259	55.422	-22.878	78.300	PEAK
6		5852.525	1.156	55.531	56.688	-21.612	78.300	PEAK
7	*	5860.000	1.139	54.052	55.191	-13.109	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 09:35**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5785MHz**

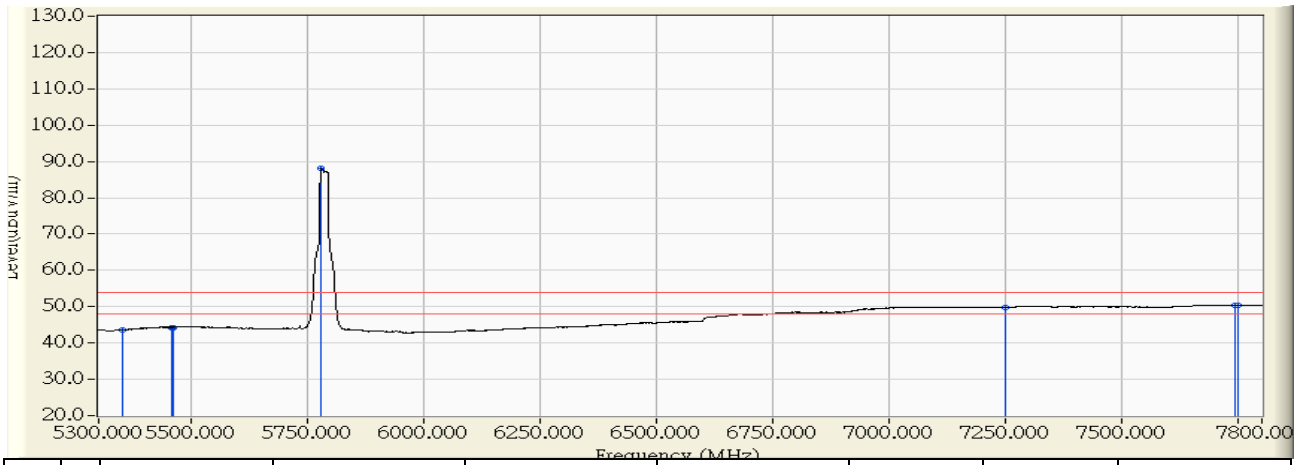


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	54.304	55.238	-18.762	74.000	PEAK
2		5433.750	1.633	56.037	57.670	-16.330	74.000	PEAK
3		5460.000	1.853	53.772	55.625	-18.375	74.000	PEAK
4	*	5780.000	1.331	98.327	99.658	25.658	74.000	PEAK
5		7250.000	5.954	55.480	61.433	-12.567	74.000	PEAK
6		7728.750	6.800	57.051	63.851	-10.149	74.000	PEAK
7		7750.000	6.833	54.708	61.542	-12.458	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 = 1MHz, 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 : 2015/10/03 - 09:40**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5785MHz**

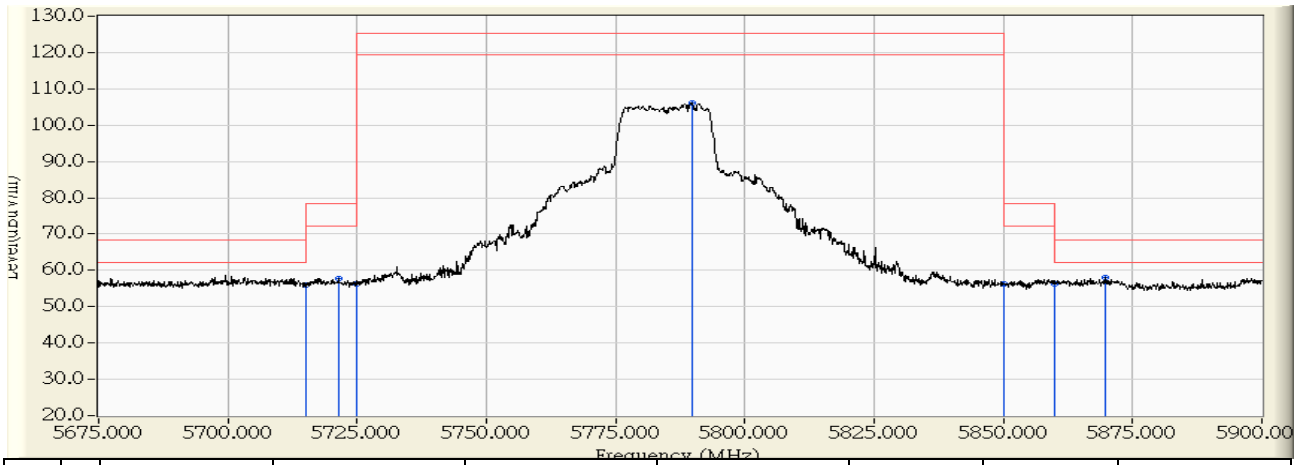


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	42.739	43.673	-10.327	54.000	AVERAGE
2		5456.250	1.821	42.488	44.309	-9.691	54.000	AVERAGE
3		5460.000	1.853	42.450	44.303	-9.697	54.000	AVERAGE
4	*	5777.500	1.337	86.683	88.020	34.020	54.000	AVERAGE
5		7250.000	5.954	43.846	49.799	-4.201	54.000	AVERAGE
6		7741.250	6.820	43.654	50.474	-3.526	54.000	AVERAGE
7		7750.000	6.833	43.623	50.457	-3.543	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 = 1MHz, 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 : 2015/10/03 - 09:45**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5785MHz**

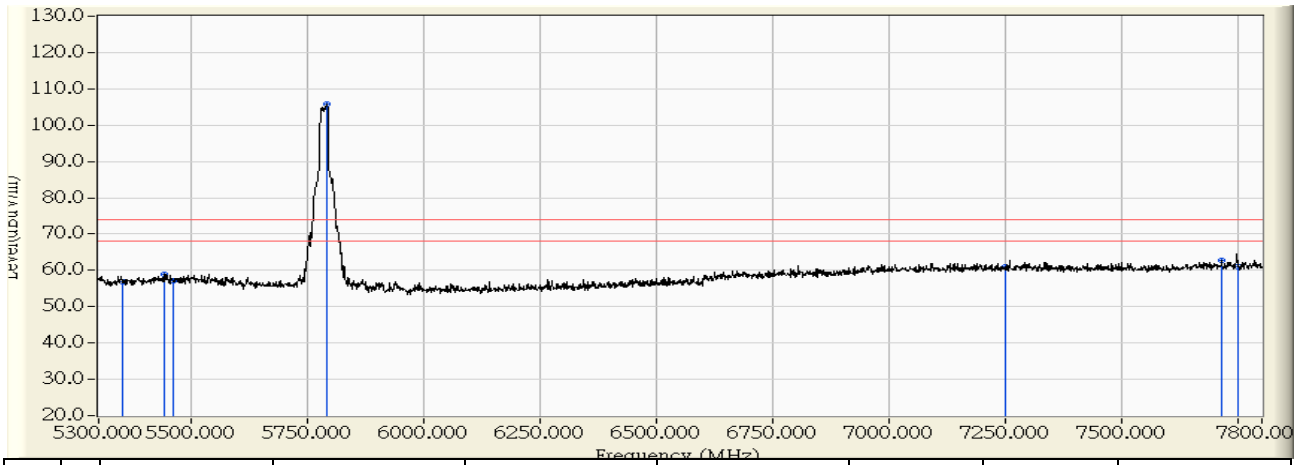


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5715.000	1.621	54.359	55.980	-12.320	68.300	PEAK
2		5721.462	1.602	56.161	57.763	-20.537	78.300	PEAK
3		5725.000	1.592	54.682	56.274	-22.026	78.300	PEAK
4		5789.750	1.404	104.829	106.233	-19.067	125.300	PEAK
5		5850.000	1.229	55.189	56.418	-21.882	78.300	PEAK
6		5860.000	1.201	55.147	56.347	-11.953	68.300	PEAK
7	*	5869.850	1.172	56.993	58.165	-10.135	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 09:50**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5785MHz**

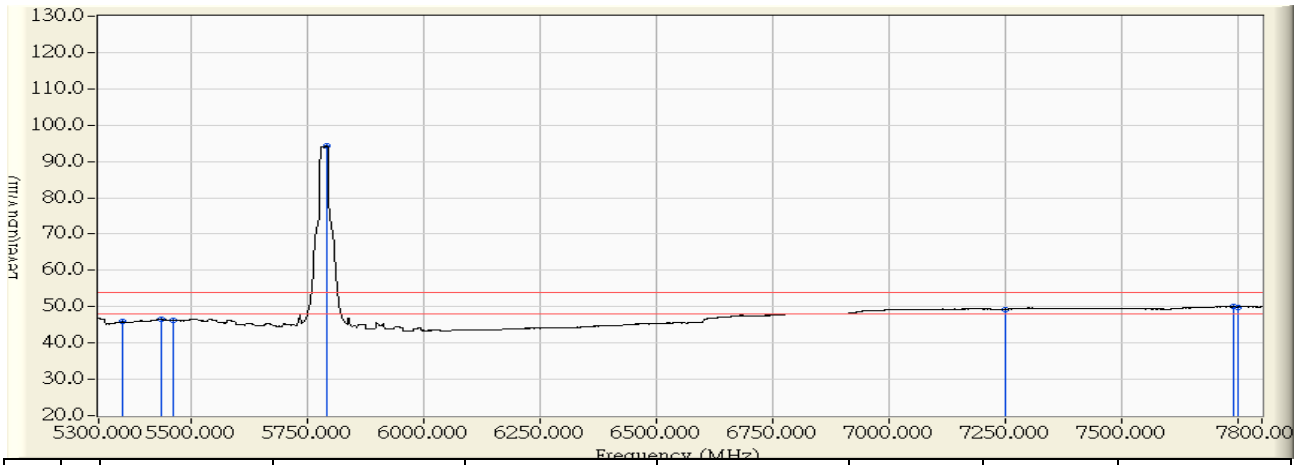


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	55.680	56.930	-17.070	74.000	PEAK
2		5441.250	1.966	56.891	58.858	-15.142	74.000	PEAK
3		5460.000	2.114	54.989	57.103	-16.897	74.000	PEAK
4	*	5790.000	1.404	104.446	105.850	31.850	74.000	PEAK
5		7250.000	5.454	55.427	60.880	-13.120	74.000	PEAK
6		7713.750	6.277	56.467	62.744	-11.256	74.000	PEAK
7		7750.000	6.333	54.751	61.085	-12.915	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 = 1MHz, 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 : 2015/10/03 - 09:55**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5785MHz**

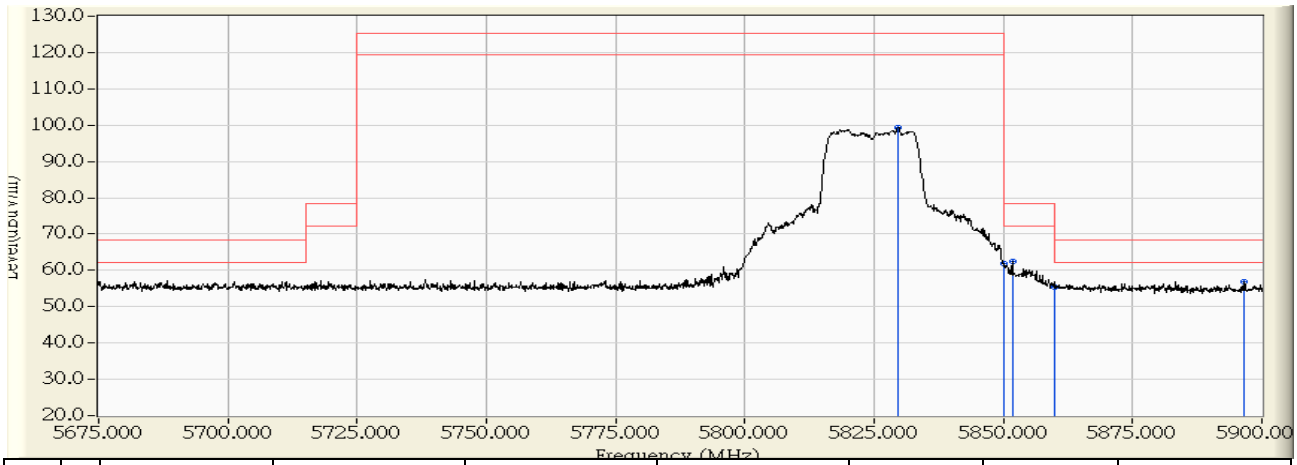


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	44.571	45.821	-8.179	54.000	AVERAGE
2		5433.750	1.908	44.557	46.465	-7.535	54.000	AVERAGE
3		5460.000	2.114	44.207	46.321	-7.679	54.000	AVERAGE
4	*	5790.000	1.404	92.998	94.402	40.402	54.000	AVERAGE
5		7250.000	5.454	43.844	49.297	-4.703	54.000	AVERAGE
6		7737.500	6.314	43.620	49.934	-4.066	54.000	AVERAGE
7		7750.000	6.333	43.590	49.924	-4.076	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 = 1MHz, 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 : 2015/10/03 - 10:02**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5825MHz**

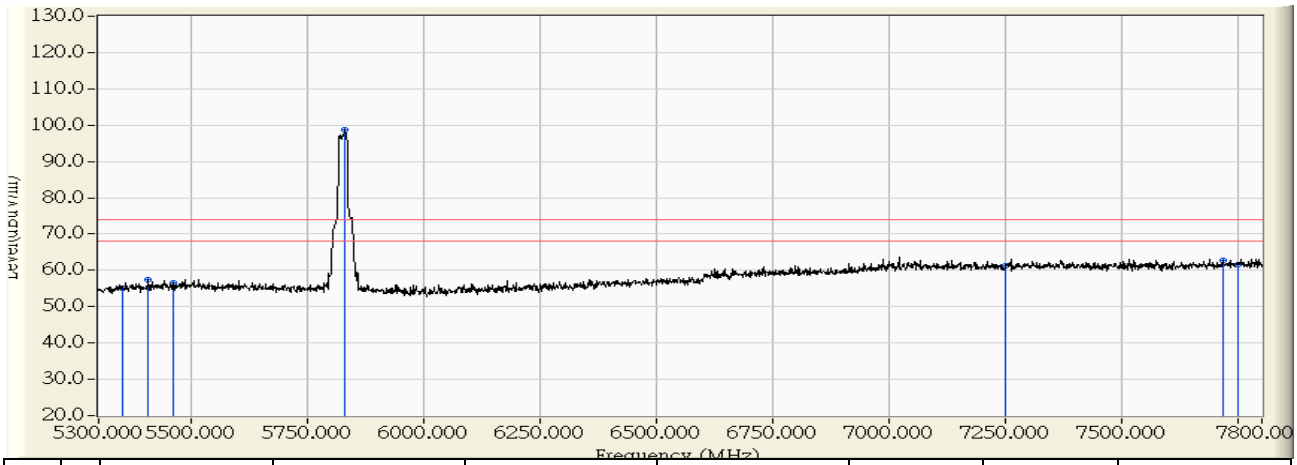


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5829.575	1.212	98.209	99.421	-25.879	125.300	PEAK
2		5850.000	1.163	60.704	61.867	-16.433	78.300	PEAK
3		5851.737	1.159	61.350	62.509	-15.791	78.300	PEAK
4		5860.000	1.139	54.288	55.427	-12.873	68.300	PEAK
5	*	5896.400	1.051	55.860	56.911	-11.389	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 10:08**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5825MHz**

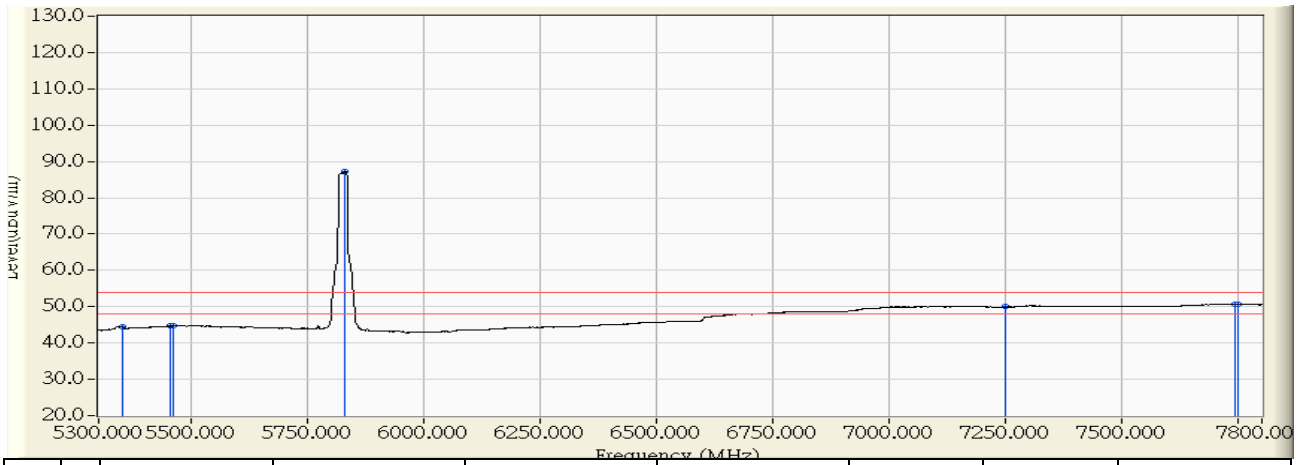


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	54.047	54.981	-19.019	74.000	PEAK
2		5406.250	1.403	56.080	57.484	-16.516	74.000	PEAK
3		5460.000	1.853	54.590	56.443	-17.557	74.000	PEAK
4	*	5830.000	1.211	97.616	98.827	24.827	74.000	PEAK
5		7250.000	5.954	55.401	61.354	-12.646	74.000	PEAK
6		7716.250	6.781	56.123	62.904	-11.096	74.000	PEAK
7		7750.000	6.833	54.733	61.567	-12.433	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 = 1MHz, 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 : 2015/10/03 - 10:14**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5825MHz**

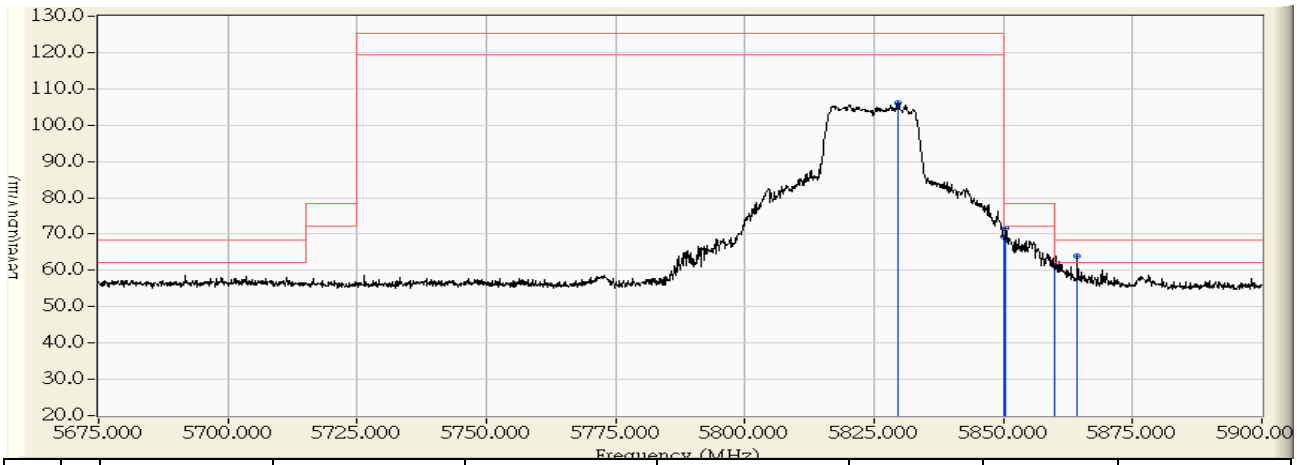


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	43.467	44.401	-9.599	54.000	AVERAGE
2		5452.500	1.790	42.844	44.634	-9.366	54.000	AVERAGE
3		5460.000	1.853	42.847	44.700	-9.300	54.000	AVERAGE
4	*	5828.750	1.214	86.163	87.377	33.377	54.000	AVERAGE
5		7250.000	5.954	43.983	49.936	-4.064	54.000	AVERAGE
6		7741.250	6.820	43.805	50.625	-3.375	54.000	AVERAGE
7		7750.000	6.833	43.778	50.612	-3.388	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 = 1MHz, 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 : 2015/10/03 - 10:18**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5825MHz**

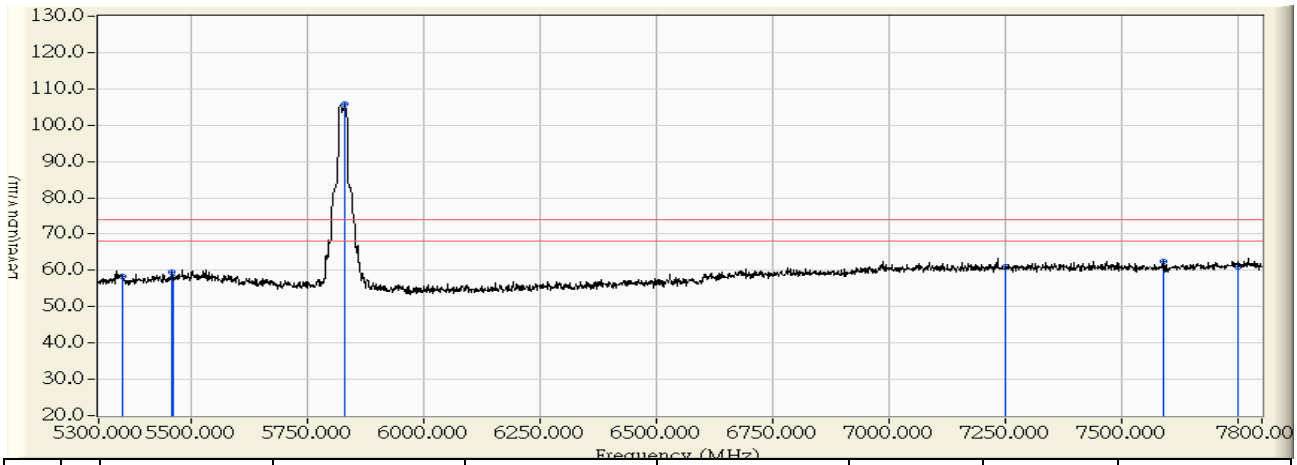


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5829.687	1.289	104.909	106.197	-19.103	125.300	PEAK
2		5850.000	1.229	67.874	69.103	-9.197	78.300	PEAK
3		5850.500	1.228	70.340	71.568	-6.732	78.300	PEAK
4		5860.000	1.201	60.096	61.296	-7.004	68.300	PEAK
5	*	5864.337	1.187	62.802	63.990	-4.310	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 10:23**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5825MHz**

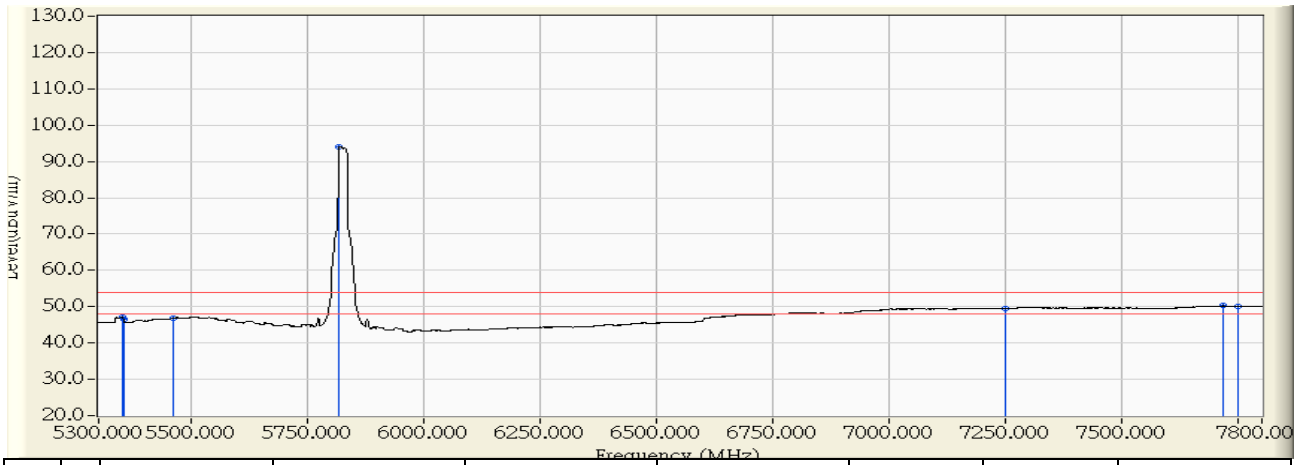


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	57.076	58.326	-15.674	74.000	PEAK
2		5457.500	2.095	57.431	59.526	-14.474	74.000	PEAK
3		5460.000	2.114	56.053	58.167	-15.833	74.000	PEAK
4	*	5830.000	1.287	104.429	105.716	31.716	74.000	PEAK
5		7250.000	5.454	55.486	60.939	-13.061	74.000	PEAK
6		7587.500	6.077	56.486	62.563	-11.437	74.000	PEAK
7		7750.000	6.333	54.784	61.118	-12.882	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 = 1MHz, 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 : 2015/10/03 - 10:27**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(20M)_5825MHz**

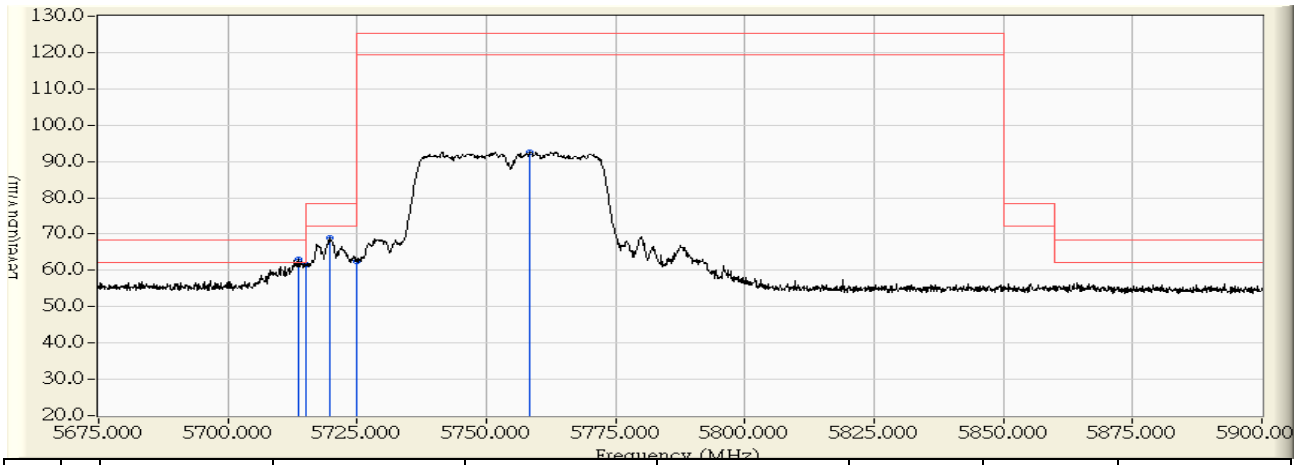


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	45.815	47.065	-6.935	54.000	AVERAGE
2		5353.750	1.280	45.265	46.545	-7.455	54.000	AVERAGE
3		5460.000	2.114	44.668	46.782	-7.218	54.000	AVERAGE
4	*	5817.500	1.323	92.772	94.096	40.096	54.000	AVERAGE
5		7250.000	5.454	44.012	49.465	-4.535	54.000	AVERAGE
6		7716.250	6.281	43.967	50.248	-3.752	54.000	AVERAGE
7		7750.000	6.333	43.785	50.119	-3.881	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 = 1MHz, 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 : 2015/10/03 - 10:31**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5755MHz**

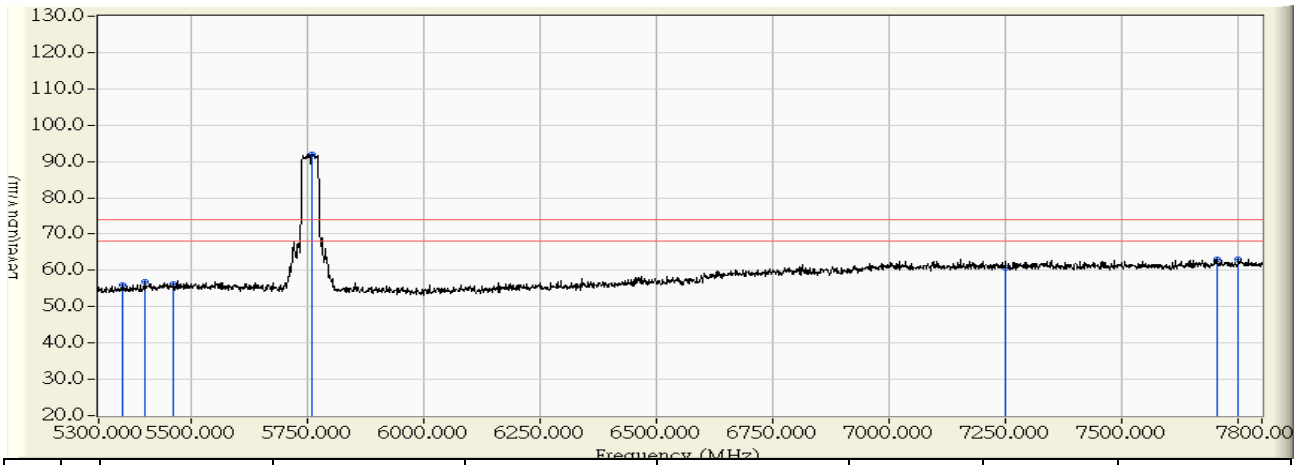


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5713.587	1.490	61.537	63.028	-5.272	68.300	PEAK
2		5715.000	1.487	60.124	61.611	-6.689	68.300	PEAK
3		5719.775	1.476	67.352	68.828	-9.472	78.300	PEAK
4		5725.000	1.463	61.040	62.503	-15.797	78.300	PEAK
5		5758.362	1.383	91.310	92.693	-32.607	125.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 10:33**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5755MHz**

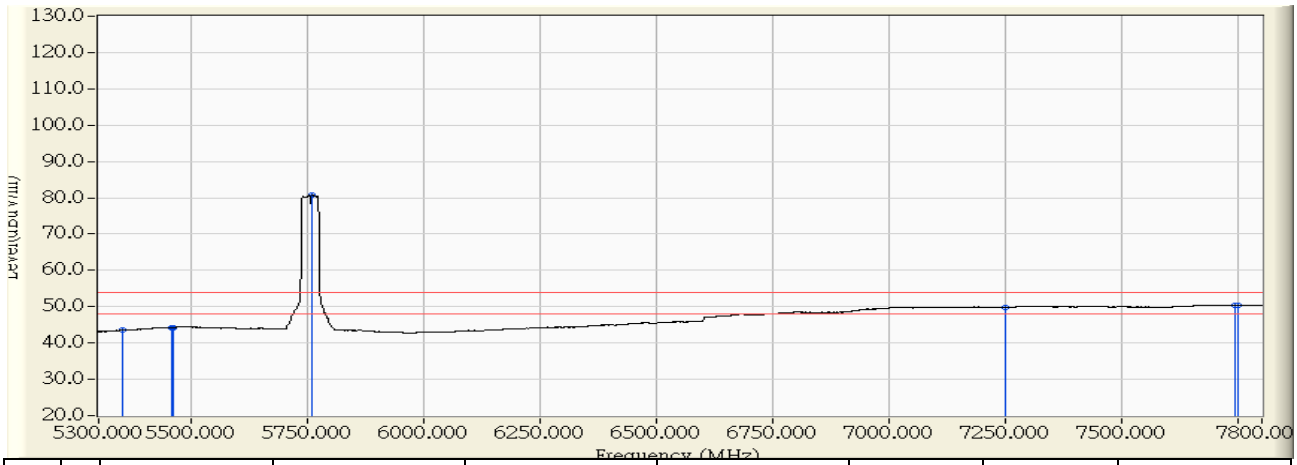


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	54.987	55.921	-18.079	74.000	PEAK
2		5398.750	1.341	55.405	56.746	-17.254	74.000	PEAK
3		5460.000	1.853	54.417	56.270	-17.730	74.000	PEAK
4	*	5758.750	1.382	90.685	92.067	18.067	74.000	PEAK
5		7250.000	5.954	54.839	60.792	-13.208	74.000	PEAK
6		7705.000	6.762	56.364	63.127	-10.873	74.000	PEAK
7		7750.000	6.833	56.130	62.964	-11.036	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 = 1MHz, 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 : 2015/10/03 - 10:37**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5755MHz**

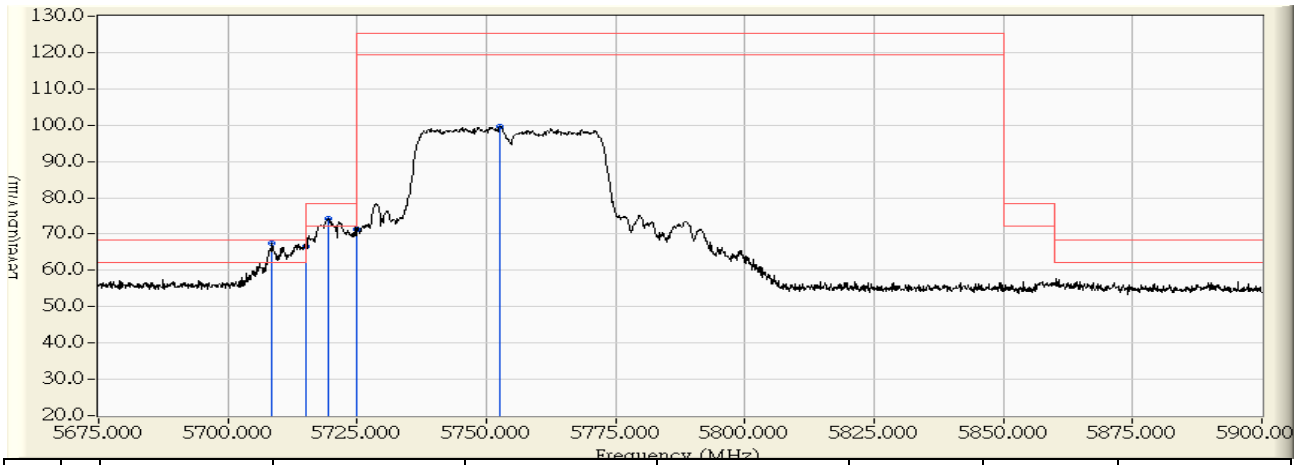


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	42.573	43.507	-10.493	54.000	AVERAGE
2		5456.250	1.821	42.420	44.241	-9.759	54.000	AVERAGE
3		5460.000	1.853	42.401	44.254	-9.746	54.000	AVERAGE
4	*	5758.750	1.382	79.426	80.808	26.808	54.000	AVERAGE
5		7250.000	5.954	43.861	49.814	-4.186	54.000	AVERAGE
6		7741.250	6.820	43.654	50.474	-3.526	54.000	AVERAGE
7		7750.000	6.833	43.619	50.453	-3.547	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 = 1MHz, 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 : 2015/10/03 - 10:43**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5755MHz**

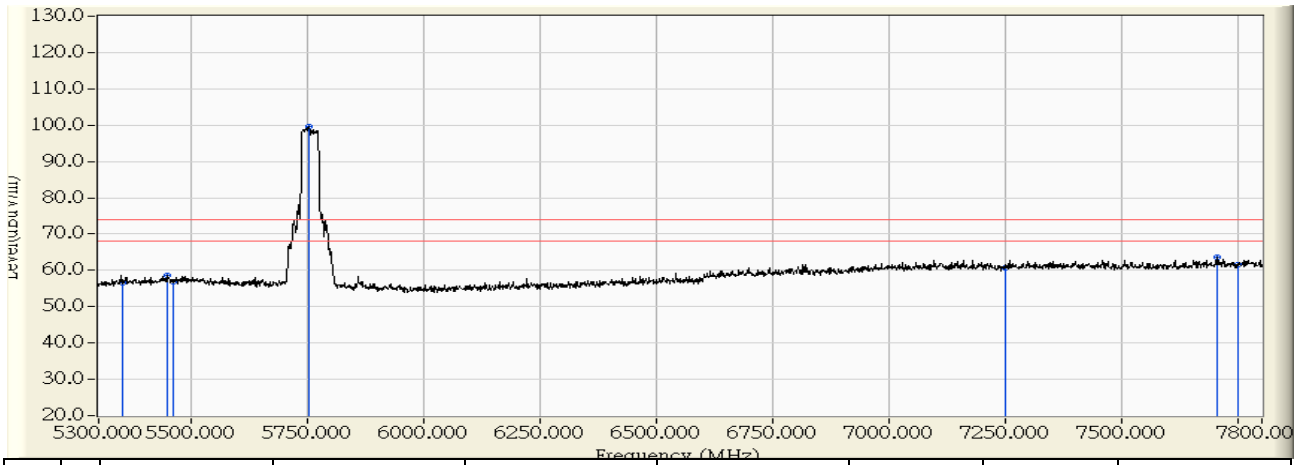


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5708.525	1.640	65.825	67.465	-0.835	68.300	PEAK
2		5715.000	1.621	64.878	66.499	-1.801	68.300	PEAK
3		5719.325	1.609	72.544	74.153	-4.147	78.300	PEAK
4		5725.000	1.592	69.793	71.385	-6.915	78.300	PEAK
5		5752.737	1.512	98.240	99.752	-25.548	125.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 10:47**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5755MHz**

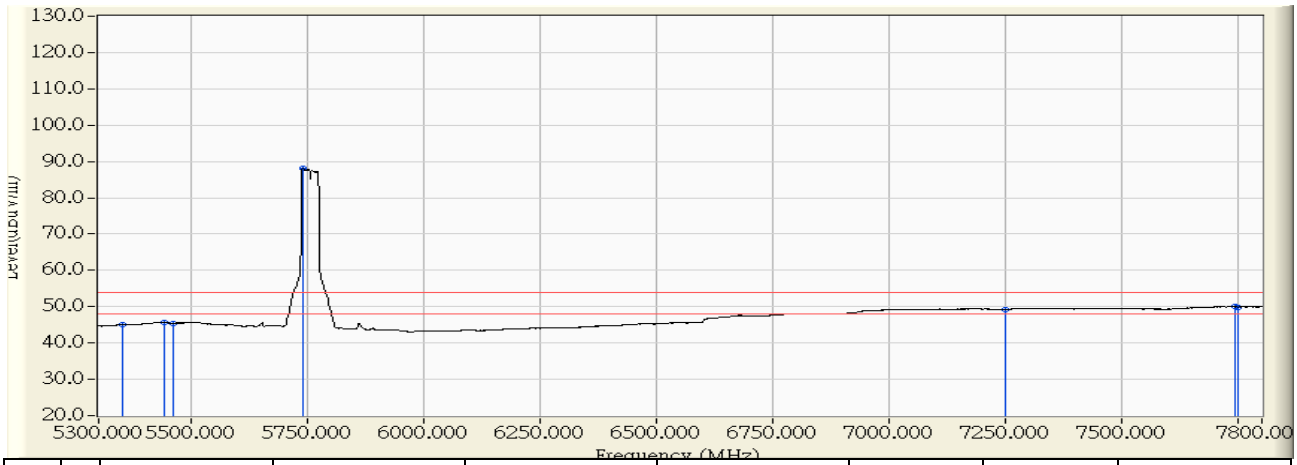


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	55.416	56.666	-17.334	74.000	PEAK
2		5446.250	2.006	56.608	58.614	-15.386	74.000	PEAK
3		5460.000	2.114	54.813	56.927	-17.073	74.000	PEAK
4	*	5752.500	1.513	98.260	99.772	25.772	74.000	PEAK
5		7250.000	5.454	55.381	60.834	-13.166	74.000	PEAK
6		7702.500	6.258	57.534	63.793	-10.207	74.000	PEAK
7		7750.000	6.333	55.355	61.689	-12.311	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 = 1MHz, 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 : 2015/10/03 - 10:53**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5755MHz**

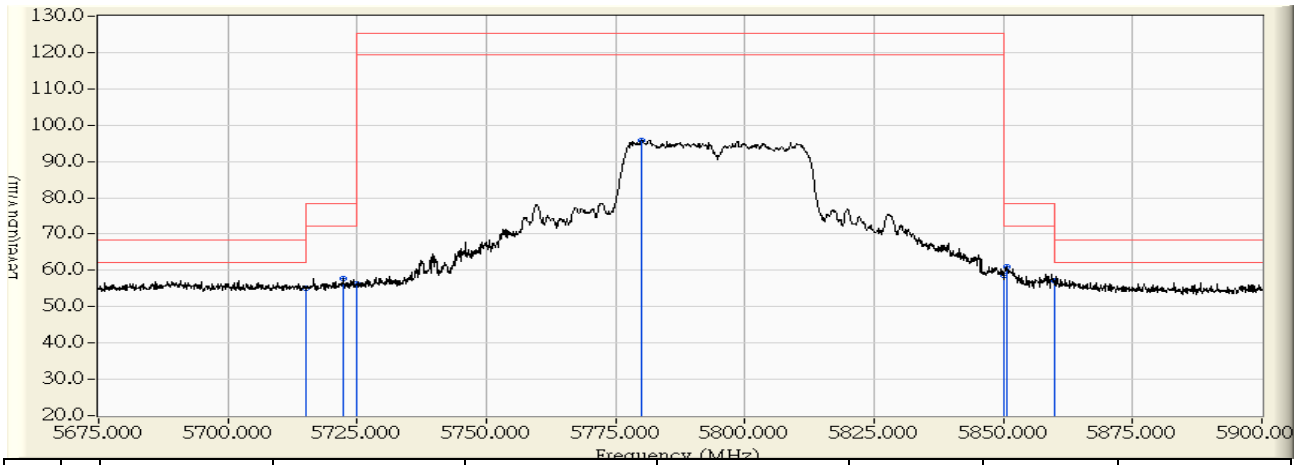


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	43.747	44.997	-9.003	54.000	AVERAGE
2		5440.000	1.957	43.702	45.659	-8.341	54.000	AVERAGE
3		5460.000	2.114	43.340	45.454	-8.546	54.000	AVERAGE
4	*	5740.000	1.549	86.499	88.048	34.048	54.000	AVERAGE
5		7250.000	5.454	43.792	49.245	-4.755	54.000	AVERAGE
6		7741.250	6.320	43.655	49.975	-4.025	54.000	AVERAGE
7		7750.000	6.333	43.574	49.908	-4.092	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 = 1MHz, 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 : 2015/10/03 - 11:00**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5795MHz**

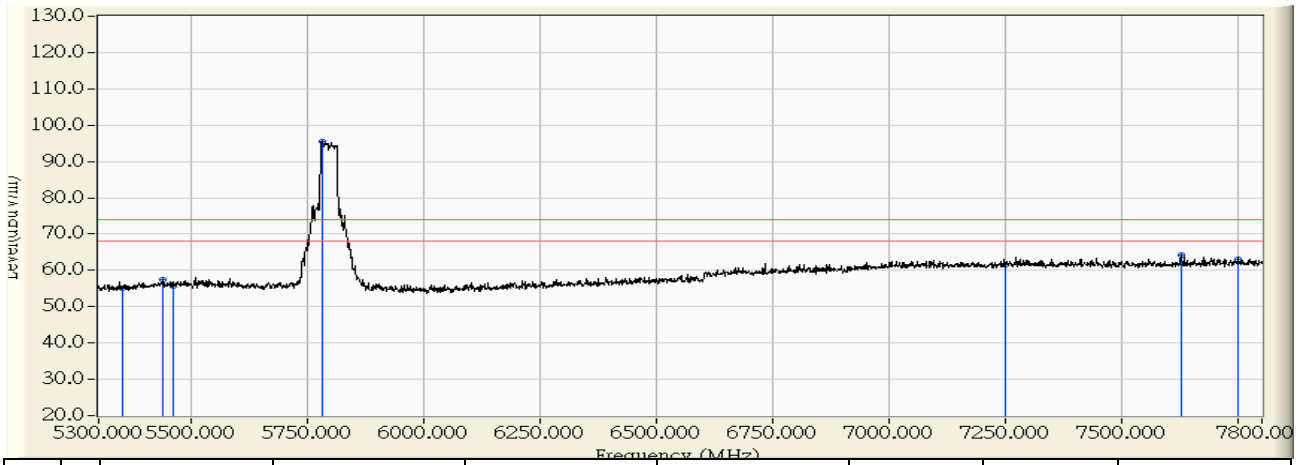


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5715.000	1.487	53.609	55.096	-13.204	68.300	PEAK
2		5722.362	1.470	56.156	57.626	-20.674	78.300	PEAK
3		5725.000	1.463	54.732	56.195	-22.105	78.300	PEAK
4		5780.075	1.331	94.523	95.854	-29.446	125.300	PEAK
5		5850.000	1.163	57.407	58.570	-19.730	78.300	PEAK
6		5850.725	1.161	59.933	61.094	-17.206	78.300	PEAK
7	*	5860.000	1.139	55.893	57.032	-11.268	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 11:08**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5795MHz**

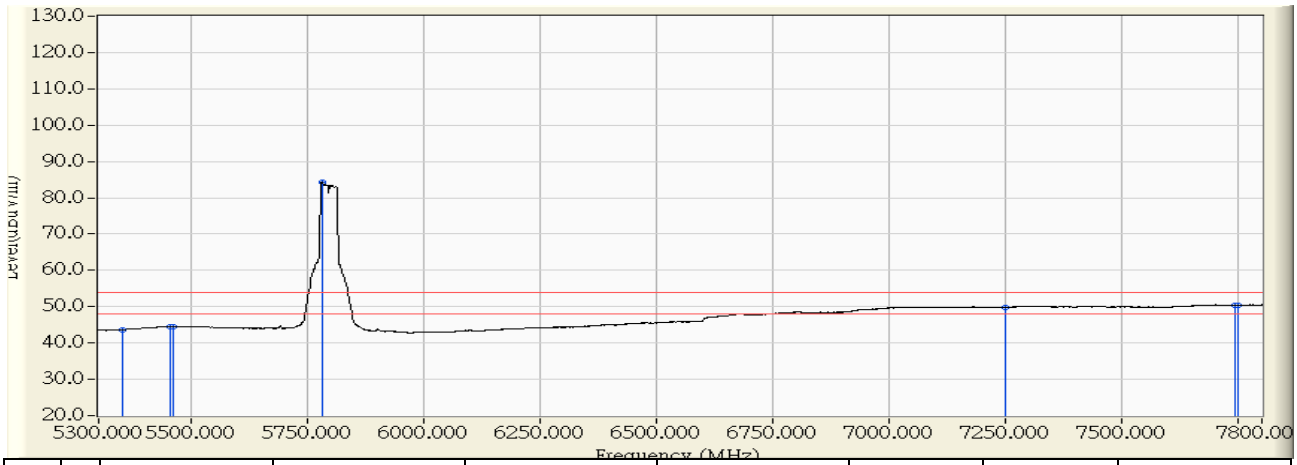


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	54.252	55.186	-18.814	74.000	PEAK
2		5436.250	1.654	55.911	57.565	-16.435	74.000	PEAK
3		5460.000	1.853	53.686	55.539	-18.461	74.000	PEAK
4	*	5780.000	1.331	94.304	95.635	21.635	74.000	PEAK
5		7250.000	5.954	55.768	61.721	-12.279	74.000	PEAK
6		7626.250	6.638	57.471	64.109	-9.891	74.000	PEAK
7		7750.000	6.833	56.158	62.992	-11.008	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 = 1MHz, 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 : 2015/10/03 - 11:14**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - HORIZONTAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5795MHz**

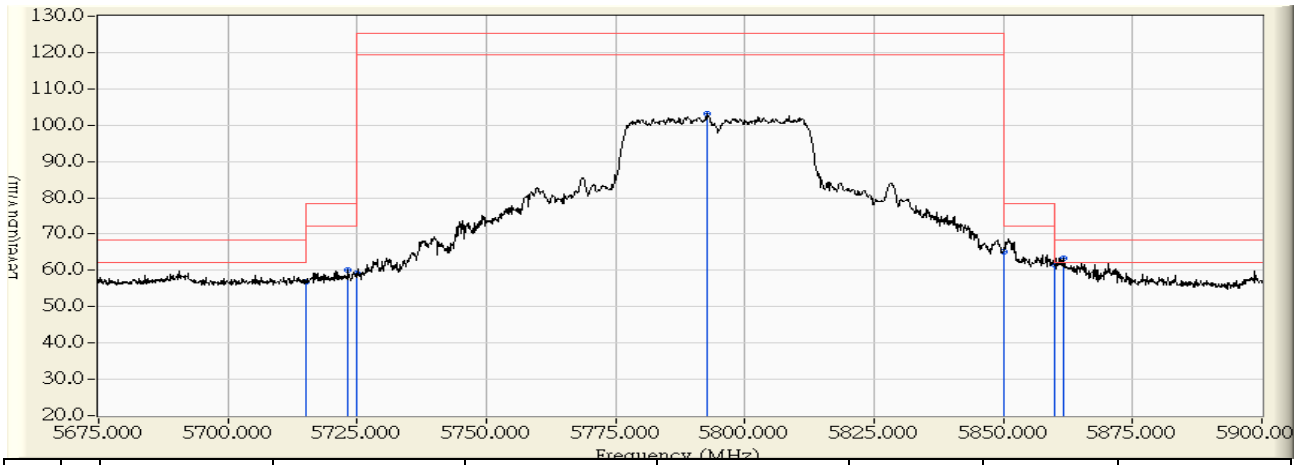


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	0.934	42.684	43.618	-10.382	54.000	AVERAGE
2		5455.000	1.812	42.609	44.420	-9.580	54.000	AVERAGE
3		5460.000	1.853	42.525	44.378	-9.622	54.000	AVERAGE
4	*	5780.000	1.331	82.911	84.242	30.242	54.000	AVERAGE
5		7250.000	5.954	43.873	49.826	-4.174	54.000	AVERAGE
6		7741.250	6.820	43.653	50.473	-3.527	54.000	AVERAGE
7		7750.000	6.833	43.587	50.421	-3.579	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 = 1MHz, 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 : 2015/10/03 - 11:17**
Limit : FCC_SPARTE_15.407_H_Band4_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5795MHz**

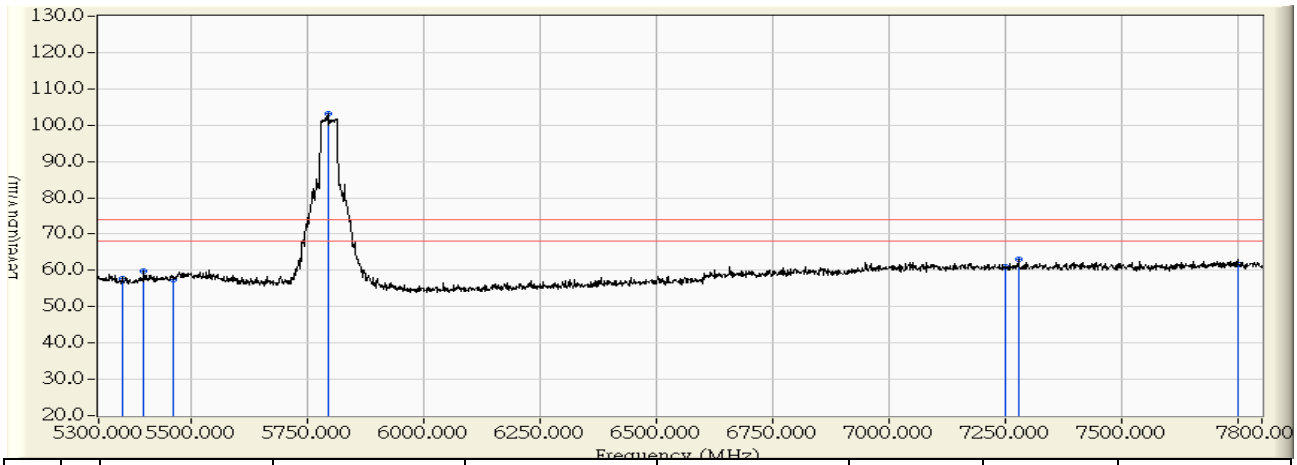


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5715.000	1.621	55.187	56.808	-11.492	68.300	PEAK
2		5723.150	1.597	58.531	60.129	-18.171	78.300	PEAK
3		5725.000	1.592	57.541	59.133	-19.167	78.300	PEAK
4		5792.562	1.397	101.725	103.121	-22.179	125.300	PEAK
5		5850.000	1.229	64.014	65.243	-13.057	78.300	PEAK
6		5860.000	1.201	60.288	61.488	-6.812	68.300	PEAK
7	*	5861.525	1.196	62.221	63.417	-4.883	68.300	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 1MHz, 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 : 2015/10/03 - 11:23**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5795MHz**

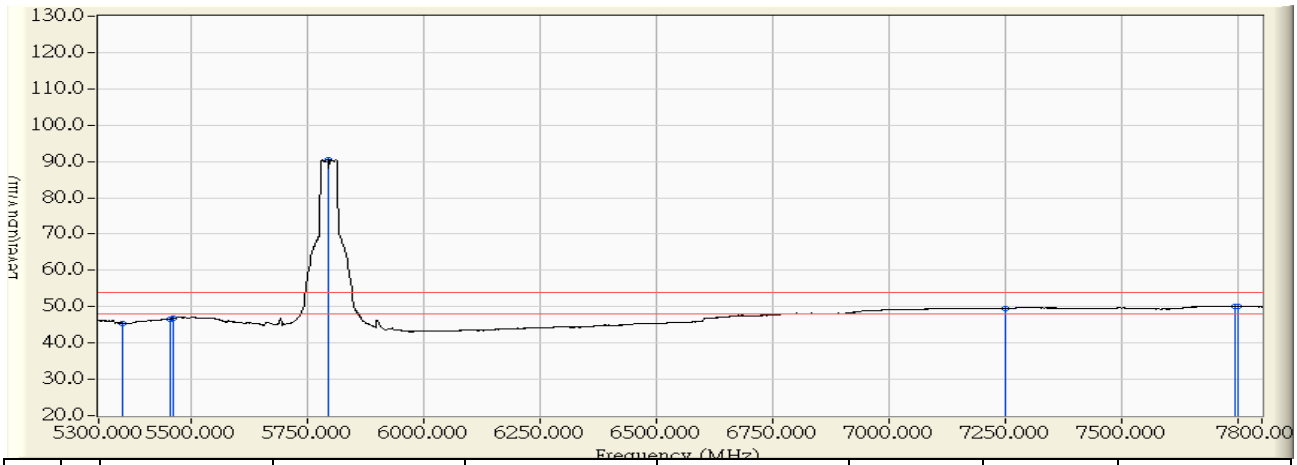


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	56.456	57.706	-16.294	74.000	PEAK
2		5397.500	1.624	58.296	59.919	-14.081	74.000	PEAK
3		5460.000	2.114	55.416	57.530	-16.470	74.000	PEAK
4	*	5792.500	1.396	101.713	103.109	29.109	74.000	PEAK
5		7250.000	5.454	55.652	61.105	-12.895	74.000	PEAK
6		7276.250	5.504	57.426	62.931	-11.069	74.000	PEAK
7		7750.000	6.333	55.285	61.619	-12.381	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 = 1MHz, 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 : 2015/10/03 - 11:27**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : CB1_FCC_EFS_1-18G_H2 - VERTICAL	**Power : AC 120V / 60Hz**
EUT : Mesh WiFi AP	**Note : 802.11n(40M)_5795MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5350.000	1.250	44.221	45.471	-8.529	54.000	AVERAGE
2		5452.500	2.055	44.582	46.637	-7.363	54.000	AVERAGE
3		5460.000	2.114	44.639	46.753	-7.247	54.000	AVERAGE
4	*	5792.500	1.396	89.102	90.498	36.498	54.000	AVERAGE
5		7250.000	5.454	44.063	49.516	-4.484	54.000	AVERAGE
6		7741.250	6.320	43.786	50.106	-3.894	54.000	AVERAGE
7		7750.000	6.333	43.849	50.183	-3.817	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 = 1MHz, 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.

8. Frequency Stability

8.1. Test Equipment

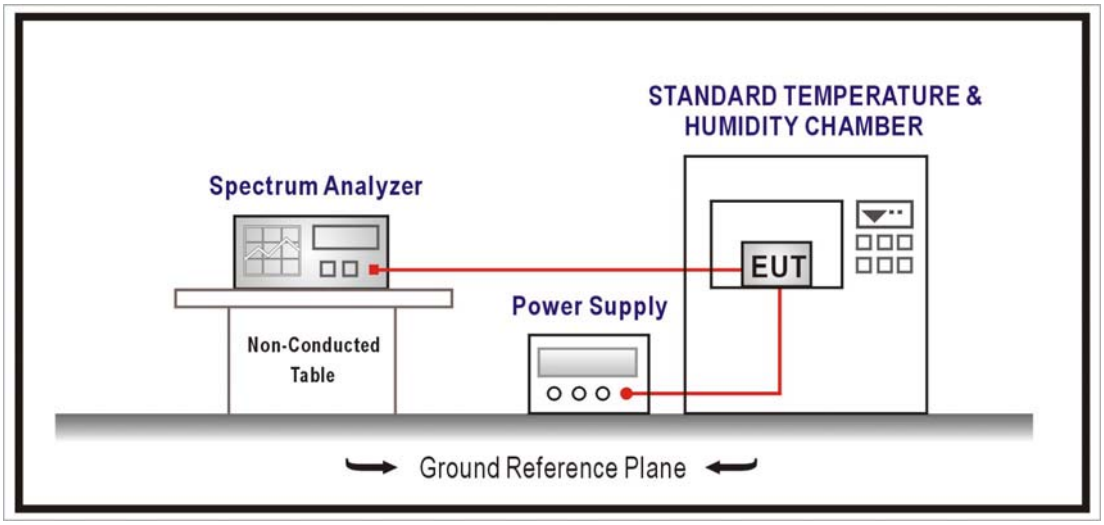
The following test equipments are used during the radiated emission tests:

Frequency Stability / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A-EXA	US47140172	2016/07/13
Temperature & Humidity Chamber	WIT	TH-1S-B	1082101	2016/01/22

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

8.2. Test Setup



8.3. Limits

Manufactures of all devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified

8.4. Test Procedure

The EUT was setup to ANSI C63.4; tested to U-NII test procedure of KDB 789033 and KDB 644545 for compliance to FCC 47CFR Subpart E requirements.

8.5. Uncertainty

The measurement uncertainty is defined as ± 150 Hz

8.6. Test Result

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/06	Test Site	SR7

802.11a - 5180MHz, ANT 0

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.0728	14.0611	Pass
-10		5180.0453	8.7440	Pass
0		5180.0695	13.4259	Pass
10		5180.0210	4.0542	Pass
20		5180.0781	15.0832	Pass
30		5180.0038	0.7329	Pass
40		5180.0437	8.4298	Pass
50		5180.0176	3.3907	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.0846	16.3242	Pass
	120	5180.0692	13.3546	Pass
	138	5180.0481	9.2942	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/06	Test Site	SR7

802.11a - 5240MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.0256	4.8797	Pass
-10		5240.0654	12.4828	Pass
0		5240.0769	14.6799	Pass
10		5240.0190	3.6251	Pass
20		5240.0018	0.3365	Pass
30		5240.0583	11.1271	Pass
40		5240.0616	11.7475	Pass
50		5240.0404	7.7179	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.0174	3.3132	Pass
	120	5240.0249	4.7446	Pass
	138	5240.0061	1.1701	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/06	Test Site	SR7

802.11n_20M - 5180MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.0808	15.5926	Pass
-10		5180.0614	11.8615	Pass
0		5180.0858	16.5572	Pass
10		5180.0192	3.7148	Pass
20		5180.0033	0.6390	Pass
30		5180.0344	6.6411	Pass
40		5180.0089	1.7258	Pass
50		5180.0630	12.1568	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.0596	11.5019	Pass
	120	5180.0880	16.9843	Pass
	138	5180.0821	15.8544	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/06	Test Site	SR7

802.11n_20M - 5240MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.0804	15.3500	Pass
-10		5240.0294	5.6153	Pass
0		5240.0032	0.6140	Pass
10		5240.0291	5.5576	Pass
20		5240.0066	1.2531	Pass
30		5240.0670	12.7806	Pass
40		5240.0123	2.3442	Pass
50		5240.0575	10.9701	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.0637	12.1653	Pass
	120	5240.0791	15.0918	Pass
	138	5240.0739	14.1022	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/06	Test Site	SR7

802.11n_20M - 5180MHz, ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5180.0133	2.5616	Pass
-10		5180.0675	13.0248	Pass
0		5180.0447	8.6295	Pass
10		5180.0058	1.1256	Pass
20		5180.0391	7.5413	Pass
30		5180.0880	16.9828	Pass
40		5180.0729	14.0776	Pass
50		5180.0577	11.1330	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5180.0314	6.0690	Pass
	120	5180.0445	8.5840	Pass
	138	5180.0393	7.5776	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/06	Test Site	SR7

802.11n_20M - 5240MHz, ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5240.0034	0.6460	Pass
-10		5240.0637	12.1502	Pass
0		5240.0611	11.6526	Pass
10		5240.0166	3.1704	Pass
20		5240.0046	0.8735	Pass
30		5240.0588	11.2272	Pass
40		5240.0824	15.7187	Pass
50		5240.0164	3.1214	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5240.0109	2.0820	Pass
	120	5240.0414	7.9047	Pass
	138	5240.0138	2.6430	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/06	Test Site	SR7

802.11n_40M - 5190MHz, ANT 0

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5190.0590	11.3668	Pass
-10		5190.0216	4.1631	Pass
0		5190.0862	16.6035	Pass
10		5190.0448	8.6414	Pass
20		5190.0177	3.4147	Pass
30		5190.0091	1.7555	Pass
40		5190.0401	7.7231	Pass
50		5190.0116	2.2291	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5190.0119	2.2866	Pass
	120	5190.0109	2.1028	Pass
	138	5190.0194	3.7431	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/06	Test Site	SR7

802.11n_40M - 5230MHz, ANT 0

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5230.0313	5.9879	Pass
-10		5230.0503	9.6271	Pass
0		5230.0415	7.9360	Pass
10		5230.0305	5.8263	Pass
20		5230.0287	5.4822	Pass
30		5230.0835	15.9604	Pass
40		5230.0887	16.9546	Pass
50		5230.0327	6.2591	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5230.0345	6.5924	Pass
	120	5230.0294	5.6284	Pass
	138	5230.0106	2.0310	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/06	Test Site	SR7

802.11n_40M - 5190MHz, ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5190.0198	3.8098	Pass
-10		5190.0848	16.3402	Pass
0		5190.0376	7.2437	Pass
10		5190.0588	11.3213	Pass
20		5190.0863	16.6314	Pass
30		5190.0287	5.5299	Pass
40		5190.0041	0.7809	Pass
50		5190.0428	8.2529	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5190.0579	11.1641	Pass
	120	5190.0006	0.1244	Pass
	138	5190.0136	2.6288	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/06	Test Site	SR7

802.11n_40M - 5230MHz, ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5230.0431	8.2440	Pass
-10		5230.0109	2.0845	Pass
0		5230.0757	14.4720	Pass
10		5230.0442	8.4553	Pass
20		5230.0660	12.6203	Pass
30		5230.0654	12.4981	Pass
40		5230.0001	0.0238	Pass
50		5230.0695	13.2980	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5230.0110	2.0937	Pass
	120	5230.0057	1.0967	Pass
	138	5230.0445	8.5155	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11a - 5745MHz, ANT 0

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5745.0254	4.4167	Pass
-10		5745.0561	9.7662	Pass
0		5745.0661	11.5050	Pass
10		5745.0685	11.9301	Pass
20		5745.0274	4.7625	Pass
30		5745.0783	13.6366	Pass
40		5745.0085	1.4718	Pass
50		5745.0830	14.4440	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5745.0360	6.2727	Pass
	120	5745.0539	9.3877	Pass
	138	5745.0652	11.3452	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11a - 5825MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5825.0755	12.9643	Pass
-10		5825.0799	13.7204	Pass
0		5825.0352	6.0515	Pass
10		5825.0691	11.8683	Pass
20		5825.0114	1.9518	Pass
30		5825.0769	13.1938	Pass
40		5825.0631	10.8270	Pass
50		5825.0225	3.8711	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5825.0272	4.6625	Pass
	120	5825.0520	8.9219	Pass
	138	5825.0348	5.9694	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_20M - 5745MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5745.0432	7.5152	Pass
-10		5745.0792	13.7812	Pass
0		5745.0677	11.7767	Pass
10		5745.0122	2.1186	Pass
20		5745.0358	6.2380	Pass
30		5745.0751	13.0661	Pass
40		5745.0389	6.7631	Pass
50		5745.0037	0.6401	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5745.0311	5.4165	Pass
	120	5745.0305	5.3136	Pass
	138	5745.0524	9.1260	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_20M - 5825MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5825.0292	5.0106	Pass
-10		5825.0235	4.0267	Pass
0		5825.0661	11.3511	Pass
10		5825.0336	5.7648	Pass
20		5825.0497	8.5367	Pass
30		5825.0401	6.8921	Pass
40		5825.0078	1.3390	Pass
50		5825.0284	4.8756	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5825.0726	12.4647	Pass
	120	5825.0222	3.8050	Pass
	138	5825.0188	3.2330	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_20M - 5745MHz, ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5745.0877	15.2715	Pass
-10		5745.0473	8.2324	Pass
0		5745.0164	2.8508	Pass
10		5745.0378	6.5859	Pass
20		5745.0864	15.0347	Pass
30		5745.0534	9.2989	Pass
40		5745.0707	12.3107	Pass
50		5745.0774	13.4785	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5745.0386	6.7192	Pass
	120	5745.0005	0.0881	Pass
	138	5745.0491	8.5384	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_20M - 5825MHz, ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5825.0485	8.3239	Pass
-10		5825.0212	3.6476	Pass
0		5825.0684	11.7434	Pass
10		5825.0688	11.8125	Pass
20		5825.0628	10.7725	Pass
30		5825.0573	9.8374	Pass
40		5825.0199	3.4130	Pass
50		5825.0567	9.7262	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5825.0426	7.3077	Pass
	120	5825.0007	0.1200	Pass
	138	5825.0131	2.2494	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_40M - 5755MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5755.0669	11.6243	Pass
-10		5755.0289	5.0231	Pass
0		5755.0632	10.9794	Pass
10		5755.0211	3.6699	Pass
20		5755.0835	14.5054	Pass
30		5755.0525	9.1172	Pass
40		5755.0696	12.1022	Pass
50		5755.0339	5.8942	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5755.0424	7.3728	Pass
	120	5755.0406	7.0609	Pass
	138	5755.0271	4.7058	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_40M - 5795MHz, ANT 0

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5795.0502	8.6649	Pass
-10		5795.0164	2.8310	Pass
0		5795.0365	6.3020	Pass
10		5795.0325	5.6059	Pass
20		5795.0147	2.5410	Pass
30		5795.0061	1.0597	Pass
40		5795.0295	5.0914	Pass
50		5795.0762	13.1433	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5795.0683	11.7906	Pass
	120	5795.0095	1.6360	Pass
	138	5795.0334	5.7560	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_40M - 5755MHz, ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5755.0054	0.9386	Pass
-10		5755.0666	11.5768	Pass
0		5755.0371	6.4444	Pass
10		5755.0262	4.5472	Pass
20		5755.0738	12.8299	Pass
30		5755.0339	5.8889	Pass
40		5755.0409	7.1138	Pass
50		5755.0612	10.6367	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5755.0551	9.5757	Pass
	120	5755.0699	12.1376	Pass
	138	5755.0855	14.8640	Pass

Product	Mesh WiFi AP		
Test Item	Frequency Stability		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2015/10/05	Test Site	SR7

802.11n_40M - 5795MHz, ANT 1

Temperature Interval (oC)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
-20	120	5795.0329	5.6731	Pass
-10		5795.0510	8.8062	Pass
0		5795.0849	14.6466	Pass
10		5795.0186	3.2065	Pass
20		5795.0823	14.2040	Pass
30		5795.0255	4.4041	Pass
40		5795.0177	3.0474	Pass
50		5795.0264	4.5578	Pass

Temperature Interval (°C)	AC Voltage (V)	Frequency (MHz)	Deviation (ppm)	Result
25	102	5795.0854	14.7294	Pass
	120	5795.0626	10.8051	Pass
	138	5795.0041	0.7076	Pass