

# FCC Test Report

Product Name	Mobile Medical Assistant Tablet
Model No	xxxONYX-MD116xxxxxxxxxx(Where "x" is 0~9, A~Z, "-" or blank)
FCC ID	RZ5-MD116

Applicant	ONYX Healthcare Inc.
Address	2F,No.135,lane235,Pao Chiao Rd.Hsin-Tien Dist,New Taipei City,Taiwan,ROC.

Date of Receipt	May 31, 2017
Issued Date	Aug. 18, 2017
Report No.	1770099R-RFUSP71V00-A
Report Version	V1.0



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

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# Test Report

Issued Date: Aug. 18, 2017

Report No.: 1770099R-RFUSP71V00-A



Product Name	Mobile Medical Assistant Tablet
Applicant	ONYX Healthcare Inc.
Address	2F, No. 135, Lane 235, Pao Chiao Rd. Hsin-Tien Dist, New Taipei City, Taiwan, ROC.
Manufacturer	ONYX Healthcare Inc.
Model No.	xxxONYX-MD116xxxxxxxxxx(Where "x" is 0~9, A~Z, "-" or blank)
FCC ID.	RZ5-MD116
EUT Rated Voltage	AC 100-240V, 50/60Hz
EUT Test Voltage	AC 120V/60Hz
Trade Name	onyx
Applicable Standard	FCC CFR Title 47 Part 15 Subpart E: 2016 ANSI C63.4: 2014, ANSI C63.10: 2013 789033 D02 General UNII Test Procedures New Rules v01r04
Test Result	Complied

Documented By :



( Senior Adm. Specialist / Genie Chang )

Tested By :



( Engineer / Kevin Liu )

Approved By :



( Director / Vincent Lin )

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## 1. GENERAL INFORMATION

### 1.1. EUT Description

Product Name	Mobile Medical Assistant Tablet
Trade Name	onyx
FCC ID.	RZ5-MD116
Model No.	xxxONYX-MD116xxxxxxxxxx(Where "x" is 0~9, A~Z, "-" or blank)
Frequency Range	802.11a/n-20MHz: 5180-5320MHz, 5500-5700MHz, 5745-5825MHz 802.11n-40MHz: 5190-5310, 5510-5670MHz, 5755-5795MHz
Number of Channels	802.11a/n-20MHz: 24; 802.11n-40MHz: 11
Data Rate	802.11a: 6 - 54Mbps 802.11n: up to 300Mbps
Channel Control	Auto
Type of Modulation	802.11a/n/ac: OFDM, BPSK, QPSK, 16QAM, 64QAM, 256QAM
Antenna type	PIFA Antenna
Antenna Gain	Refer to the table "Antenna List"
Docking No.	xxxOPM-T016xxxxxxxxxx(Where "x" is 0~9, A~Z, "-" or blank)
Power Adapter	MFR: APAPTER TECH, M/N: ATM090T-P120 Input: AC 100-240V, 50-60Hz, 5A Output: DC 12V, 7A Cable Out: Shielded, 1.8m, with one ferrite core bonded.

#### Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	ARISTOTLE ENTERPRISES INC.	RFA-25-AP152-70B340R (Main) RFA-25-AP152-70-285L (Aux)	PIFA Antenna	7.19dBi For 5.15~5.25GHz 7.30dBi For 5.25~5.35GHz 7.44dBi For 5.47~5.725GHz 7.57dBi For 5.725~5.850GHz

Note: 1. The antenna of EUT is conform to FCC 15.203.

## 802.11a/n-20MHz Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 36:	5180 MHz	Channel 40:	5200 MHz	Channel 44:	5220 MHz	Channel 48:	5240 MHz
Channel 52:	5260 MHz	Channel 56:	5280 MHz	Channel 60:	5300 MHz	Channel 64:	5320 MHz
Channel 100:	5500 MHz	Channel 104:	5520 MHz	Channel 108:	5540 MHz	Channel 112:	5560 MHz
Channel 116:	5580 MHz	Channel 120:	5600 MHz	Channel 124:	5620 MHz	Channel 128:	5640 MHz
Channel 132:	5660 MHz	Channel 136:	5680 MHz	Channel 140:	5700 MHz	Channel 149:	5745 MHz
Channel 153:	5765 MHz	Channel 157:	5785 MHz	Channel 161:	5805 MHz	Channel 165:	5825 MHz

## 802.11n-40MHz Center Working Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 38:	5190 MHz	Channel 46:	5230 MHz	Channel 54:	5270 MHz	Channel 62:	5310 MHz
Channel 102:	5510 MHz	Channel 110:	5550 MHz	Channel 118:	5590 MHz	Channel 126:	5630 MHz
Channel 134:	5670 MHz	Channel 151:	5755 MHz	Channel 159:	5795 MHz		

## Note:

1. This device is a Mobile Medical Assistant Tablet with a built-in 802.11a/b/g/n WLAN transceiver.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. At result of pretests, module supports dual-channel transmission, only the worst case is shown in the report.
4. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report.
5. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart E for Unlicensed National Information Infrastructure devices.

Test Mode	Mode 1: Transmit (802.11a-6Mbps) Mode 2: Transmit (802.11n-20BW 7.2Mbps) Mode 3: Transmit (802.11n-40BW 15Mbps) Mode 4: Charger Mode
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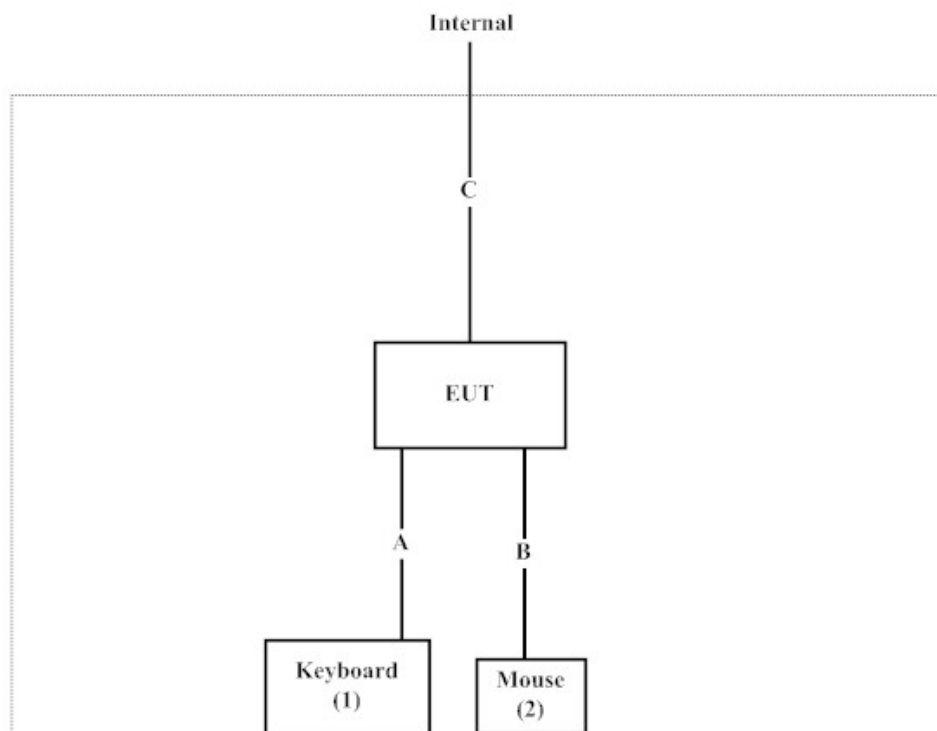
### 1.3. Tested System Details

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

	Product	Manufacturer	Model No.	Serial No.	Power Cord
1	Keyboard	Logitech	K120	N/A	N/A
2	Mouse	Logitech	U0026	N/A	N/A

Signal Cable Type	Signal cable Description
A	USB Keyboard Cable Non-shielded, 1.8m
B	USB Mouse Cable Non-shielded, 1.8m
C	LAN Cable Non-shielded, 1.8m

### 1.4. Configuration of tested System



### 1.5. EUT Exercise Software

1. Setup the EUT as shown in Section 1.4.
2. Execute software “Atheros Radio Test 2 V4.4” on the EUT.
3. Configure the test mode, the test channel, and the data rate.
4. Press “OK” to start the continuous Transmit.
5. Verify that the EUT works properly.

## 1.6. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

The related certificate for our laboratories about the test site and management system can be downloaded from DEKRA Testing and Certification Co., Ltd. Web Site:

<http://www.dekra.com.tw/english/about/certificates.aspx?bval=5>

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Site Description: Accredited by TAF  
Accredited Number: 3023

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E-Mail : [info.tw@dekra.com](mailto:info.tw@dekra.com)

FCC Accreditation Number: TW1014



## 1.7. List of Test Equipment

### For Conduction measurements /ASR1

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	EMI Test Receiver	R&S	ESR7	161601	2017.01.06	2018.01.05
X	Two-Line V-Network	R&S	ENV216	101306	2017.02.16	2018.02.15
X	Two-Line V-Network	R&S	ENV216	101307	2017.03.17	2018.03.16
X	Coaxial Cable	Quietek	RG400_BNC	RF001	2017.05.24	2018.05.23

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with "X" are used to measure the final test results.
3. Test Software version : QuieTek EMI 2.0 V2.1.113

### For Conducted measurements /ASR3

	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Temperature Chamber	KSON	THS-D4T-100	A0606	2017.03.31	2018.03.30
X	Spectrum Analyzer	R&S	FSV30	103464	2016.12.14	2017.12.13
X	Power Meter	Anritsu	ML2496A	1548003	2017.01.10	2018.01.09
X	Power Sensor	Anritsu	MA2411B	1531024	2016.12.06	2017.12.05
X	Power Sensor	Anritsu	MA2411B	1531025	2016.12.06	2017.12.05

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with "X" are used to measure the final test results.
3. Test Software version : QuieTek Conduction Test System V8.0.110

### For Radiated measurements /ACB1

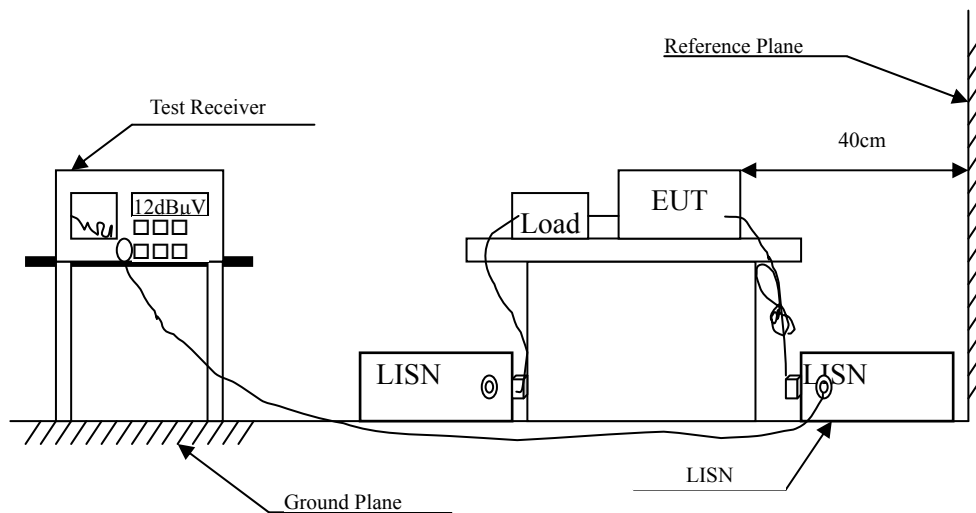
	Equipment	Manufacturer	Model No.	Serial No.	Cali. Data	Due. Data
X	Loop Antenna	A.H.	SAS-562B	272	2016.03.18	2018.03.17
X	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-674	2017.02.09	2018.02.08
X	Horn Antenna	ETS-Lindgren	3117	00203800	2016.10.13	2017.10.12
X	Horn Antenna	Com-Power	AH-840	101087	2017.05.24	2018.05.23
X	Pre-Amplifier	EMCI	EMC001330	980316	2017.05.14	2018.05.13
X	Pre-Amplifier	EMCI	EMC051835SE	980311	2017.05.15	2018.05.14
X	Pre-Amplifier	EMCI	EMC05820SE	980310	2017.05.15	2018.05.14
X	Pre-Amplifier	EMCI	EMC184045SE	980314	2017.05.17	2018.05.16
	Filter	MICRO TRONICS	BRM50702	G251	2016.08.11	2017.08.10
X	Filter	MICRO TRONICS	BRM50716	G188	2016.08.11	2017.08.10
X	EMI Test Receiver	R&S	ESR7	101602	2016.12.15	2017.12.14
X	Spectrum Analyzer	R&S	FSV40	101149	2017.01.24	2018.01.23
X	Coaxial Cable	SUHNER	SUCOFLEX 106	RF002	2017.05.25	2018.05.24
X	Mircoflex Cable	HUBER SUHNER	SUCOFLEX 102	MY3381/2	2016.08.11	2017.08.10

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with "X" are used to measure the final test results.
3. Test Software version : QuieTek EMI 2.0 V2.1.113

## 2. Conducted Emission

### 2.1. Test Setup



### 2.2. Limits

FCC Part 15 Subpart C Paragraph 15.207 (dB $\mu$ V) Limit		
Frequency MHz	Limits	
	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.

### **2.3. Test Procedure**

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement.

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

The EUT was setup to ANSI C63.10, 2014; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

### **2.4. Uncertainty**

$\pm 2.35\text{dB}$

## 2.5. Test Result of Conducted Emission

Product : Mobile Medical Assistant Tablet  
 Test Item : Conducted Emission Test  
 Power Line : Line 1  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5190MHz)  
 Test Date : 2017/06/15

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV	Margin dB	Limit dBμV
<b>LINE 1</b>					
<b>Quasi-Peak</b>					
0.161	9.704	37.754	47.458	-18.228	65.686
0.393	9.716	22.437	32.153	-26.904	59.057
0.445	9.726	4.344	14.071	-43.500	57.571
2.197	9.802	11.397	21.199	-34.801	56.000
5.118	9.881	6.278	16.159	-43.841	60.000
24.576	10.172	30.430	40.602	-19.398	60.000
<b>Average</b>					
0.161	9.704	11.327	21.031	-34.655	55.686
0.393	9.716	20.904	30.619	-18.438	49.057
0.445	9.726	-2.637	7.089	-40.482	47.571
2.197	9.802	6.386	16.188	-29.812	46.000
5.118	9.881	1.054	10.935	-39.065	50.000
24.576	10.172	29.379	39.551	-10.449	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Mobile Medical Assistant Tablet  
 Test Item : Conducted Emission Test  
 Power Line : Line 2  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5190MHz)  
 Test Date : 2017/06/15

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV	Margin dB	Limit dBμV
<b>LINE 2</b>					
<b>Quasi-Peak</b>					
0.161	9.696	38.185	47.882	-17.804	65.686
0.393	9.710	24.783	34.492	-24.565	59.057
0.438	9.717	-0.283	9.434	-48.337	57.771
0.587	9.734	7.087	16.822	-39.178	56.000
4.643	9.877	8.371	18.248	-37.752	56.000
24.576	10.212	31.110	41.322	-18.678	60.000
<b>Average</b>					
0.161	9.696	12.478	22.174	-33.512	55.686
0.393	9.710	22.370	32.080	-16.977	49.057
0.438	9.717	-5.802	3.915	-43.856	47.771
0.587	9.734	-4.428	5.306	-40.694	46.000
4.643	9.877	2.186	12.062	-33.938	46.000
24.576	10.212	30.035	40.247	-9.753	50.000

Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Conducted Emission Test  
 Power Line : Line 1  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5270MHz)  
 Test Date : 2017/06/15

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV	Margin dB	Limit dBμV
<b>LINE 1</b>					
<b>Quasi-Peak</b>					
0.159	9.705	38.006	47.711	-18.032	65.743
0.391	9.714	22.974	32.689	-26.425	59.114
0.541	9.741	4.242	13.983	-42.017	56.000
2.166	9.796	10.884	20.680	-35.320	56.000
4.850	9.868	9.110	18.977	-37.023	56.000
24.576	10.172	30.603	40.775	-19.225	60.000
<b>Average</b>					
0.159	9.705	11.922	21.627	-34.116	55.743
0.391	9.714	22.682	32.397	-16.717	49.114
0.541	9.741	1.696	11.438	-34.562	46.000
2.166	9.796	7.022	16.818	-29.182	46.000
4.850	9.868	2.494	12.361	-33.639	46.000
24.576	10.172	29.484	39.656	-10.344	50.000


Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Conducted Emission Test  
 Power Line : Line 2  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5270MHz)  
 Test Date : 2017/06/15

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV	Margin dB	Limit dBμV
<b>LINE 2</b>					
<b>Quasi-Peak</b>					
0.161	9.696	37.981	47.677	-18.009	65.686
0.393	9.710	24.586	34.296	-24.761	59.057
0.443	9.718	8.657	18.375	-39.254	57.629
0.483	9.726	14.108	23.833	-32.653	56.486
4.758	9.876	7.297	17.172	-38.828	56.000
24.576	10.212	31.169	41.381	-18.619	60.000
<b>Average</b>					
0.161	9.696	11.930	21.626	-34.060	55.686
0.393	9.710	22.910	32.619	-16.438	49.057
0.443	9.718	-4.092	5.626	-42.003	47.629
0.483	9.726	12.803	22.529	-23.957	46.486
4.758	9.876	1.296	11.171	-34.829	46.000
24.576	10.212	30.070	40.282	-9.718	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Mobile Medical Assistant Tablet  
 Test Item : Conducted Emission Test  
 Power Line : Line 1  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5550MHz)  
 Test Date : 2017/06/15

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV	Margin dB	Limit dBμV
<b>LINE 1</b>					
<b>Quasi-Peak</b>					
0.159	9.705	38.054	47.758	-17.985	65.743
0.395	9.716	20.613	30.328	-28.672	59.000
0.443	9.726	2.244	11.970	-45.659	57.629
2.231	9.806	10.947	20.753	-35.247	56.000
4.875	9.869	8.011	17.879	-38.121	56.000
24.576	10.172	30.605	40.777	-19.223	60.000
<b>Average</b>					
0.159	9.705	12.299	22.004	-33.739	55.743
0.395	9.716	16.660	26.375	-22.625	49.000
0.443	9.726	-4.791	4.935	-42.694	47.629
2.231	9.806	4.832	14.638	-31.362	46.000
4.875	9.869	1.946	11.815	-34.185	46.000
24.576	10.172	29.553	39.725	-10.275	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor



Product : Mobile Medical Assistant Tablet  
 Test Item : Conducted Emission Test  
 Power Line : Line 2  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5550MHz)  
 Test Date : 2017/06/15

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV	Margin dB	Limit dBμV
<b>LINE 2</b>					
<b>Quasi-Peak</b>					
0.152	9.698	37.831	47.528	-18.415	65.943
0.391	9.709	25.077	34.786	-24.328	59.114
0.571	9.736	10.557	20.293	-35.707	56.000
1.174	9.755	13.367	23.122	-32.878	56.000
4.612	9.876	8.983	18.859	-37.141	56.000
24.576	10.212	31.131	41.343	-18.657	60.000
<b>Average</b>					
0.152	9.698	16.243	25.941	-30.002	55.943
0.391	9.709	24.779	34.488	-14.626	49.114
0.571	9.736	10.364	20.100	-25.900	46.000
1.174	9.755	10.989	20.744	-25.256	46.000
4.612	9.876	2.421	12.296	-33.704	46.000
24.576	10.212	30.116	40.328	-9.672	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Mobile Medical Assistant Tablet  
 Test Item : Conducted Emission Test  
 Power Line : Line 1  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5755MHz)  
 Test Date : 2017/06/15

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV	Margin dB	Limit dBμV
<b>LINE 1</b>					
<b>Quasi-Peak</b>					
0.161	9.704	37.345	47.049	-18.637	65.686
0.391	9.714	22.967	32.682	-26.432	59.114
0.445	9.726	3.784	13.510	-44.061	57.571
2.389	9.782	7.634	17.415	-38.585	56.000
4.940	9.884	8.280	18.164	-37.836	56.000
24.576	10.172	30.609	40.781	-19.219	60.000
<b>Average</b>					
0.161	9.704	11.356	21.060	-34.626	55.686
0.391	9.714	22.667	32.381	-16.733	49.114
0.445	9.726	-1.531	8.195	-39.376	47.571
2.389	9.782	-1.938	7.844	-38.156	46.000
4.940	9.884	2.592	12.476	-33.524	46.000
24.576	10.172	29.526	39.698	-10.302	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Mobile Medical Assistant Tablet  
 Test Item : Conducted Emission Test  
 Power Line : Line 2  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5755MHz)  
 Test Date : 2017/06/15

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV	Margin dB	Limit dBμV
<b>LINE 2</b>					
<b>Quasi-Peak</b>					
0.152	9.698	38.087	47.785	-18.158	65.943
0.391	9.709	25.085	34.794	-24.320	59.114
0.443	9.718	8.325	18.043	-39.586	57.629
0.830	9.751	11.382	21.132	-34.868	56.000
4.580	9.869	8.610	18.480	-37.520	56.000
24.576	10.212	31.461	41.673	-18.327	60.000
<b>Average</b>					
0.152	9.698	15.777	25.475	-30.468	55.943
0.391	9.709	24.898	34.607	-14.507	49.114
0.443	9.718	-4.402	5.316	-42.313	47.629
0.830	9.751	-5.050	4.700	-41.300	46.000
4.580	9.869	1.273	11.142	-34.858	46.000
24.576	10.212	30.032	40.244	-9.756	50.000

Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Conducted Emission Test  
 Power Line : Line 1  
 Test Mode : Mode 4: Charger Mode  
 Test Date : 2017/06/15

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBμV	dBμV	dB	dBμV
<b>LINE 1</b>					
<b>Quasi-Peak</b>					
0.152	9.707	36.184	45.892	-20.051	65.943
0.393	9.716	23.513	33.228	-25.829	59.057
0.683	9.741	16.182	25.924	-30.076	56.000
5.091	9.882	17.040	26.922	-33.078	60.000
8.187	9.963	18.704	28.668	-31.332	60.000
24.576	10.172	24.559	34.731	-25.269	60.000
<b>Average</b>					
0.152	9.707	20.252	29.959	-25.984	55.943
0.393	9.716	21.929	31.644	-17.413	49.057
0.683	9.741	10.110	19.851	-26.149	46.000
5.091	9.882	10.879	20.761	-29.239	50.000
8.187	9.963	12.551	22.515	-27.485	50.000
24.576	10.172	23.391	33.563	-16.437	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ ” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : Mobile Medical Assistant Tablet  
 Test Item : Conducted Emission Test  
 Power Line : Line 2  
 Test Mode : Mode 4: Charger Mode  
 Test Date : 2017/06/15

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V	dB	dB $\mu$ V
<b>LINE 2</b>					
<b>Quasi-Peak</b>					
0.152	9.698	39.201	48.899	-17.044	65.943
0.395	9.710	25.342	35.052	-23.948	59.000
0.672	9.738	16.751	26.489	-29.511	56.000
5.215	9.874	19.132	29.006	-30.994	60.000
8.124	9.965	17.984	27.948	-32.052	60.000
24.576	10.212	24.586	34.798	-25.202	60.000
<b>Average</b>					
0.152	9.698	16.802	26.500	-29.443	55.943
0.395	9.710	21.324	31.034	-17.966	49.000
0.672	9.738	10.956	20.694	-25.306	46.000
5.215	9.874	13.474	23.348	-26.652	50.000
8.124	9.965	11.933	21.897	-28.103	50.000
24.576	10.212	23.386	33.598	-16.402	50.000

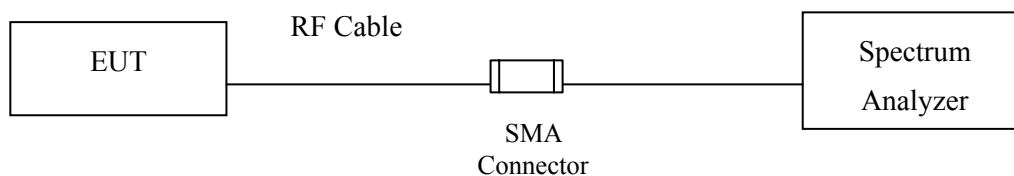
Note:

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

### 3. Maximun conducted output power

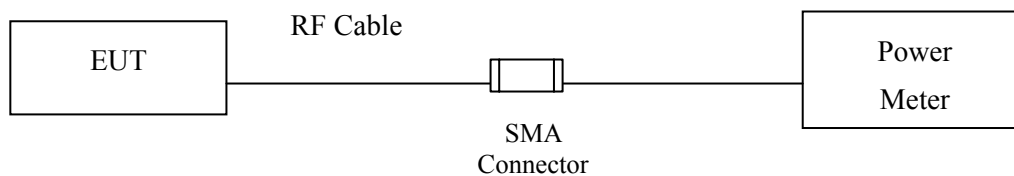
#### 3.1. Test Setup

##### 99% Occupied Bandwidth

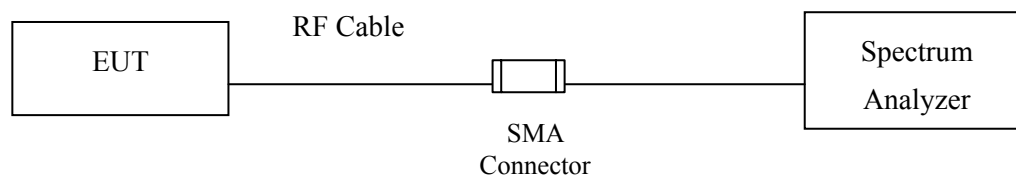


##### Conduction Power Measurement

##### Conduction Power Measurement (for 802.11an)



##### Conduction Power Measurement (for 802.11ac)



### 3.2. Limits

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. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power 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, If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power 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. 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 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, If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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, If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point UNII 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 colocated 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.

### 3.3. Test Procedure

As an alternative to FCC KDB-789033, the EUT maximum conducted output power was measured with an average power meter employing a video bandwidth greater the 6dB BW of the emission under test. Maximum conducted output power was read directly from the meter across all data rates, and across three channels within each sub-band. Special care was used to make sure that the EUT was transmitting in continuous mode. This method exceeds the limitations of FCC KDB-789033, and provides more accurate measurements.

802.11an ( $BW \leq 40\text{MHz}$ ) Maximum conducted output power using KDB 789033 section E)3)b) Method PM-G (Measurement using a gated RF average power meter)

Note: the power meter have a video bandwidth that is greater than or equal to the measurement bandwidth, (Anritsu/ MA2411B video bandwidth: 65MHz)

802.11ac ( $BW=80\text{MHz}$ ) Maximum conducted output power using KDB 789033 section E)2)b) Method SA-1 (trace averaging with the EUT transmitting at full power throughout each sweep).

When transmitted signals consist of two or more non-contiguous spectrum segments (e.g., 80+80 MHz mode) or when a single spectrum segment of a transmission crosses the boundary between two adjacent U-NII bands, KDB 644545 D03 section D) procedure is used for measurements.

### 3.4. Uncertainty

Power Meter:  $\pm 0.95\text{dB}$

Spectrum Analyzer:  $\pm 1.30\text{dB}$



### 3.5. Test Result of Maximum conducted output power

Product : Mobile Medical Assistant Tablet  
 Test Item : Maximum conducted output power  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps)  
 Test Date : 2017/06/21

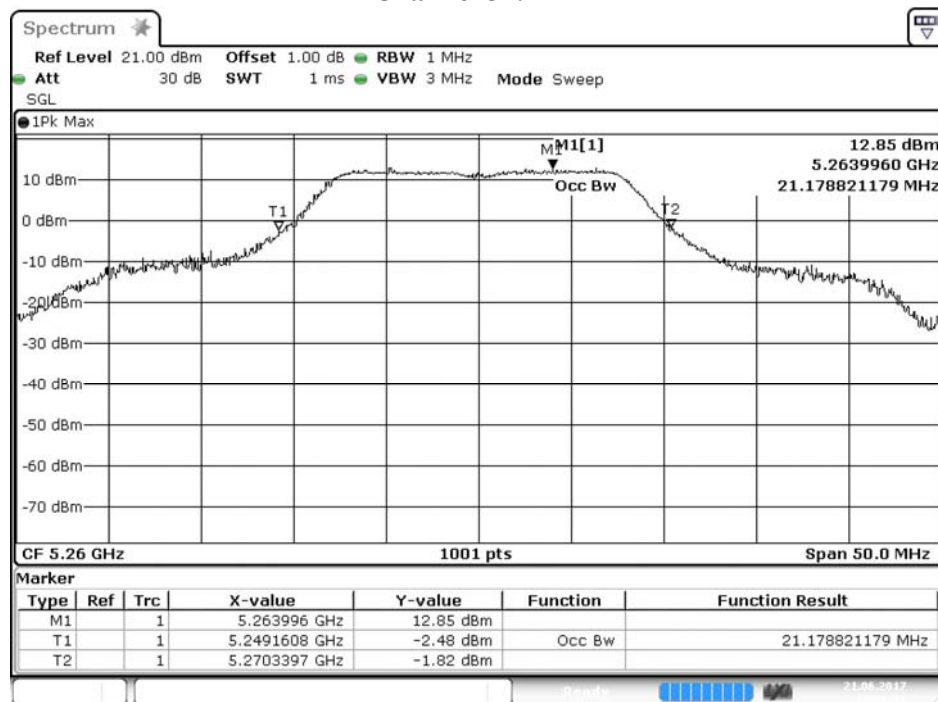
Cable loss=1dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		6	9	12	18	24	36	48	54
		Measurement Level (dBm)							
36	5180	13.32	--	--	--	--	--	--	--
44	5220	15.13	15.06	14.99	14.92	14.85	14.78	14.72	14.66
48	5240	15.18	--	--	--	--	--	--	--
52	5260	14.97	--	--	--	--	--	--	--
60	5300	15.01	14.93	14.87	14.80	14.73	14.65	14.57	14.50
64	5320	15.24	--	--	--	--	--	--	--
100	5500	11.12	--	--	--	--	--	--	--
116	5580	15.34	15.27	15.2	15.13	15.06	14.99	14.92	14.56
140	5700	13.57	--	--	--	--	--	--	--
149	5745	14.69	--	--	--	--	--	--	--
157	5785	15.08	15.01	14.94	14.87	14.80	14.74	14.67	14.60
165	5825	15.13	--	--	--	--	--	--	--

Note: Maximum conducted output power Value = Reading value on average power meter + cable loss

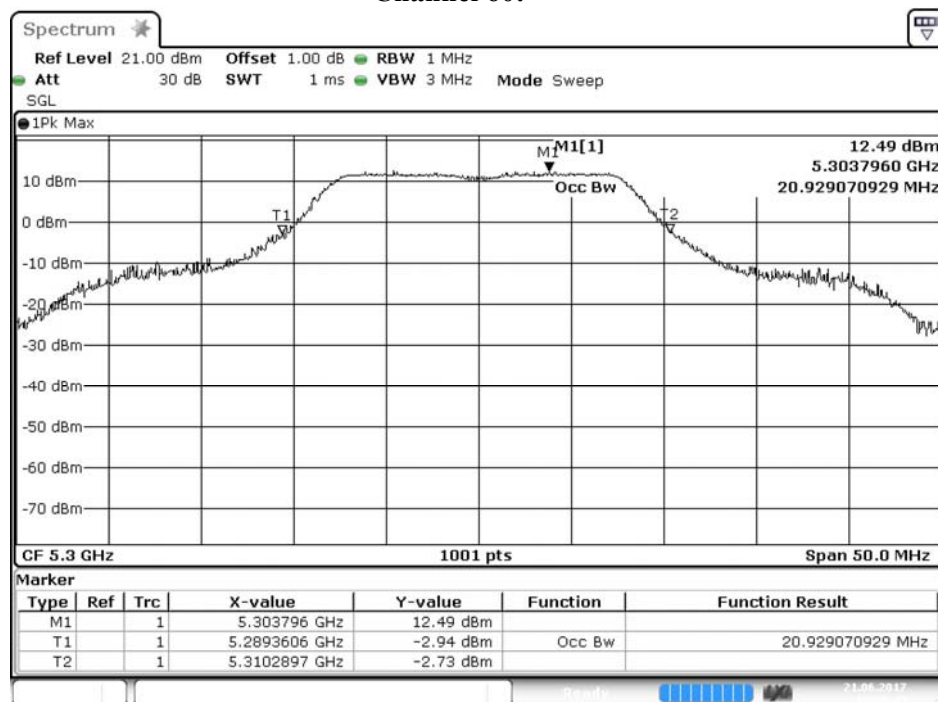
#### Maximum conducted output power Measurement:

Channel No	Frequency Range (MHz)	99% Bandwidth (MHz)	Output Power (dBm)	Output Power Limit	
				(dBm)	11dBm+10log(B)
36	5180	--	13.32	22.81	--
44	5220	--	15.13	22.81	--
48	5240	--	15.18	22.81	--
52	5260	21.178	14.97	22.7	24.26
60	5300	20.929	15.01	22.7	24.21
64	5320	21.078	15.24	22.7	24.24
100	5500	19.930	11.12	22.56	24.00
116	5580	21.378	15.34	22.56	24.30
140	5700	20.729	13.57	22.56	24.17
149	5745	--	14.69	28.43	--
157	5785	--	15.08	28.43	--
165	5825	--	15.13	28.43	--

Note: Power Output Value = Reading value on average power meter + cable loss

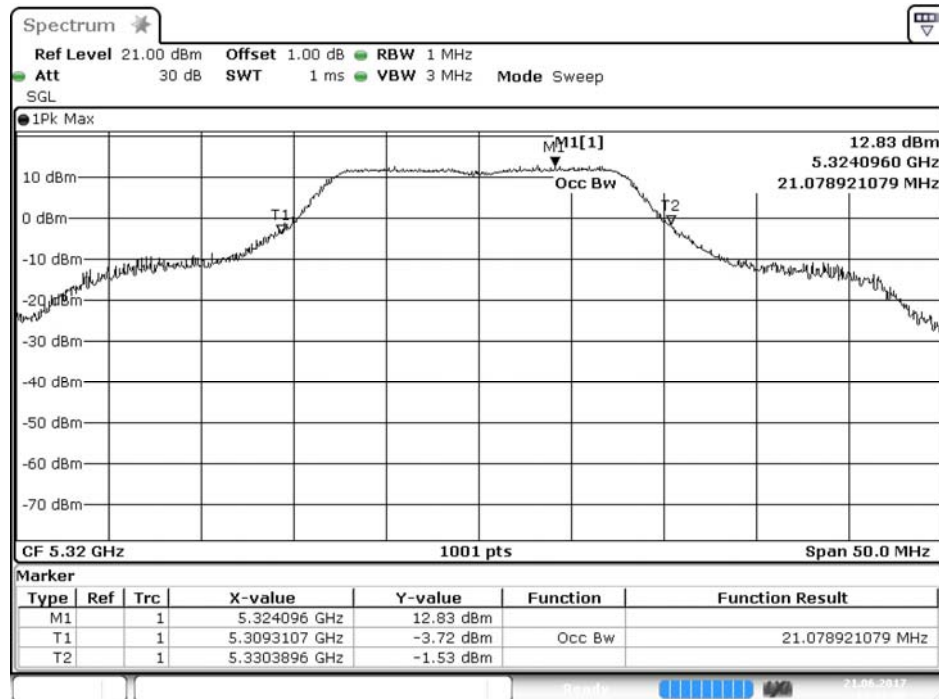
**99% Occupied Bandwidth:  
Channel 52:**

Date: 21.JUN.2017 12:56:21

**Channel 60:**

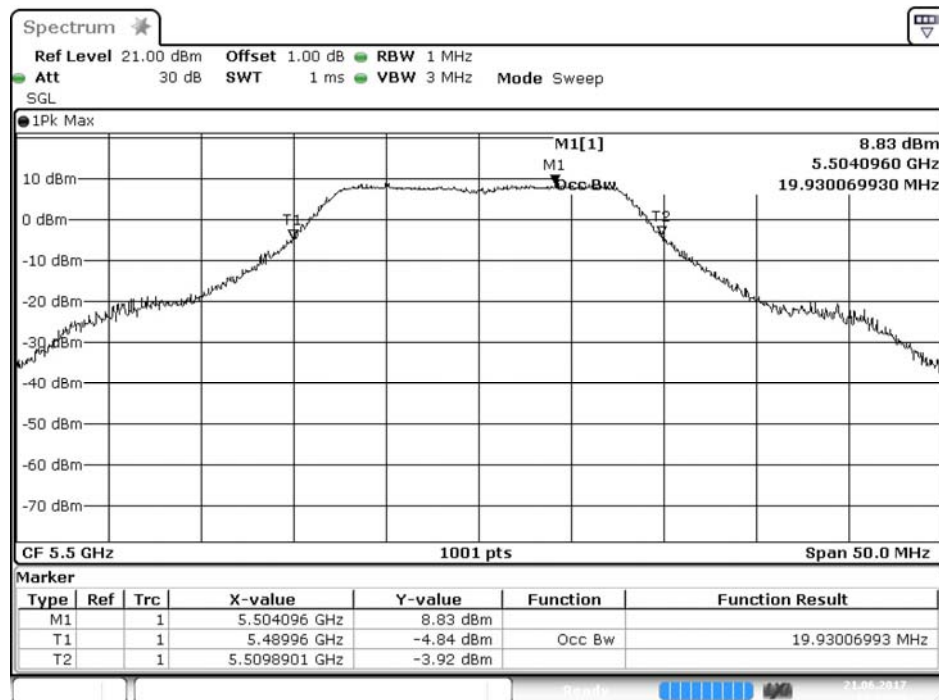
Date: 21.JUN.2017 12:58:46

## Channel 64:



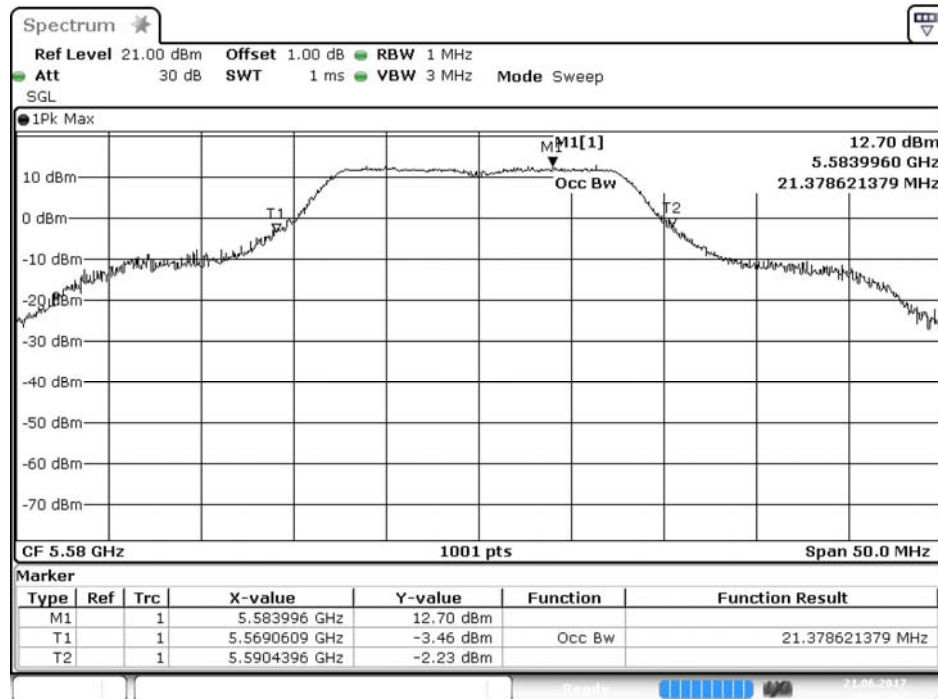
Date: 21.JUN.2017 13:01:02

## Channel 100:



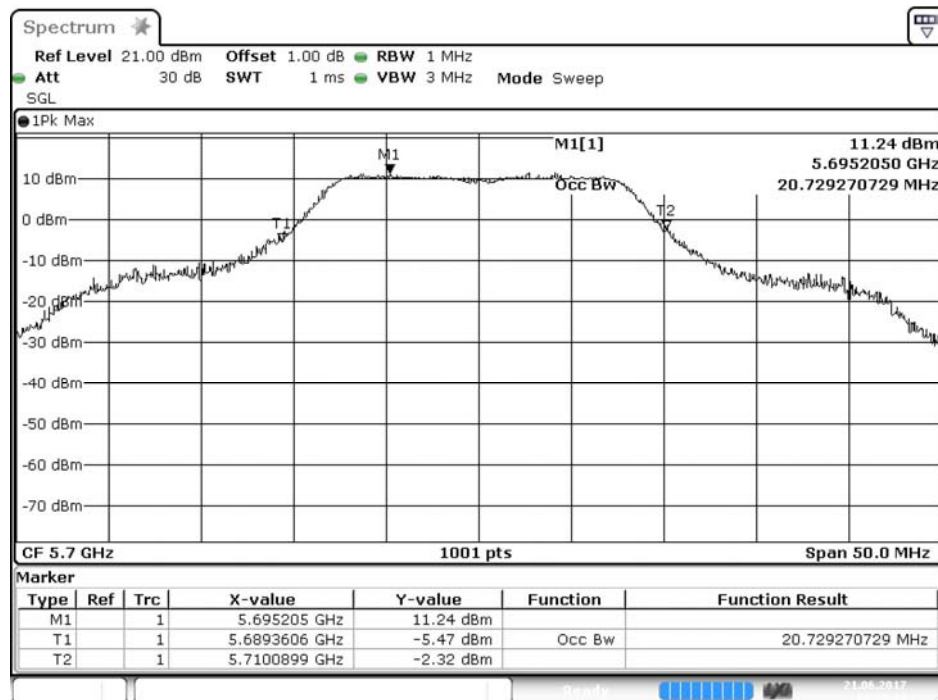
Date: 21.JUN.2017 13:03:27

## Channel 116:



Date: 21.JUN.2017 13:05:52

## Channel 140:



Date: 21.JUN.2017 13:09:20

Product : Mobile Medical Assistant Tablet  
 Test Item : Maximum conducted output power  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps)  
 Test Date : 2017/06/21

**CHAIN A**

Cable loss=1dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		7.2	14.4	21.7	28.9	43.3	57.8	65	72.2
		Measurement Level (dBm)							
36	5180	11.03	--	--	--	--	--	--	--
44	5220	11.22	11.16	11.1	11.03	10.97	10.90	10.83	10.76
48	5240	11.25	--	--	--	--	--	--	--
52	5260	11.59	--	--	--	--	--	--	--
60	5300	11.43	11.37	11.3	11.23	11.17	11.10	11.03	10.97
64	5320	11.62	--	--	--	--	--	--	--
100	5500	11.02	--	--	--	--	--	--	--
116	5580	11.26	11.19	11.12	11.05	10.98	10.91	10.85	10.78
140	5700	11.35	--	--	--	--	--	--	--
149	5745	10.88	--	--	--	--	--	--	--
157	5785	11.11	11.04	10.98	10.91	10.84	10.77	10.7	10.63
165	5825	11.04	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

**CHAIN B**

Cable loss=1dB		Maximum conducted output power							
Channel No.	Frequency (MHz)	Data Rate (Mbps)							
		7.2	14.4	21.7	28.9	43.3	57.8	65	72.2
		Measurement Level (dBm)							
36	5180	10.92	--	--	--	--	--	--	--
44	5220	10.87	10.8	10.73	10.66	10.59	10.52	10.45	10.38
48	5240	10.72	--	--	--	--	--	--	--
52	5260	10.49	--	--	--	--	--	--	--
60	5300	10.82	10.75	10.68	10.61	10.53	10.47	10.40	10.37
64	5320	10.34	--	--	--	--	--	--	--
100	5500	11.19	--	--	--	--	--	--	--
116	5580	11.17	11.1	11.03	10.97	10.90	10.83	10.77	10.70
140	5700	10.91	--	--	--	--	--	--	--
149	5745	11.03	--	--	--	--	--	--	--
157	5785	10.92	10.86	10.79	10.72	10.66	10.59	10.52	10.46
165	5825	10.53	--	--	--	--	--	--	--

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

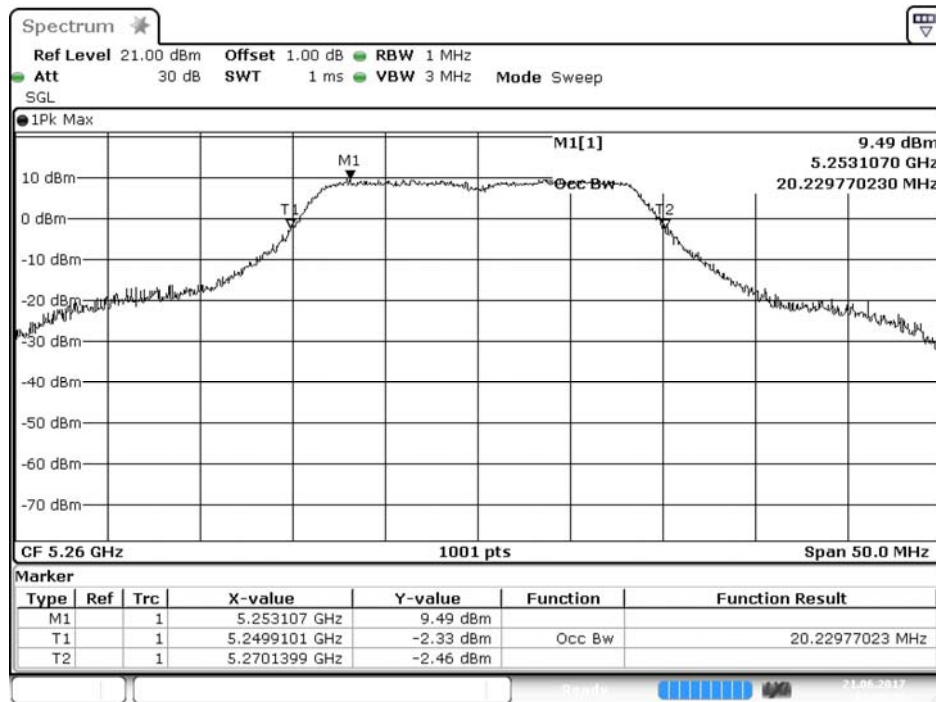
**Maximum conducted output power Measurement:****(CHAIN A+ B)**

Channel Number	Frequency (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	11dBm+10log(B)
36	5180	--	11.03	10.92	13.99	22.81	--
44	5220	--	11.22	10.87	14.06	22.81	--
48	5240	--	11.25	10.72	14.00	22.81	--
52	5260	19.930	11.59	10.49	14.09	22.7	24.00
60	5300	19.930	11.43	10.82	14.15	22.7	24.00
64	5320	19.930	11.62	10.34	14.04	22.7	24.00
100	5500	19.880	11.02	11.19	14.12	22.56	23.98
116	5580	19.880	11.26	11.17	14.23	22.56	23.98
140	5700	13.830	11.35	10.91	14.15	22.56	22.41
149	5745	--	10.88	11.03	13.97	28.43	--
157	5785	--	11.11	10.92	14.03	28.43	--
165	5825	--	11.04	10.53	13.80	28.43	--

Note:

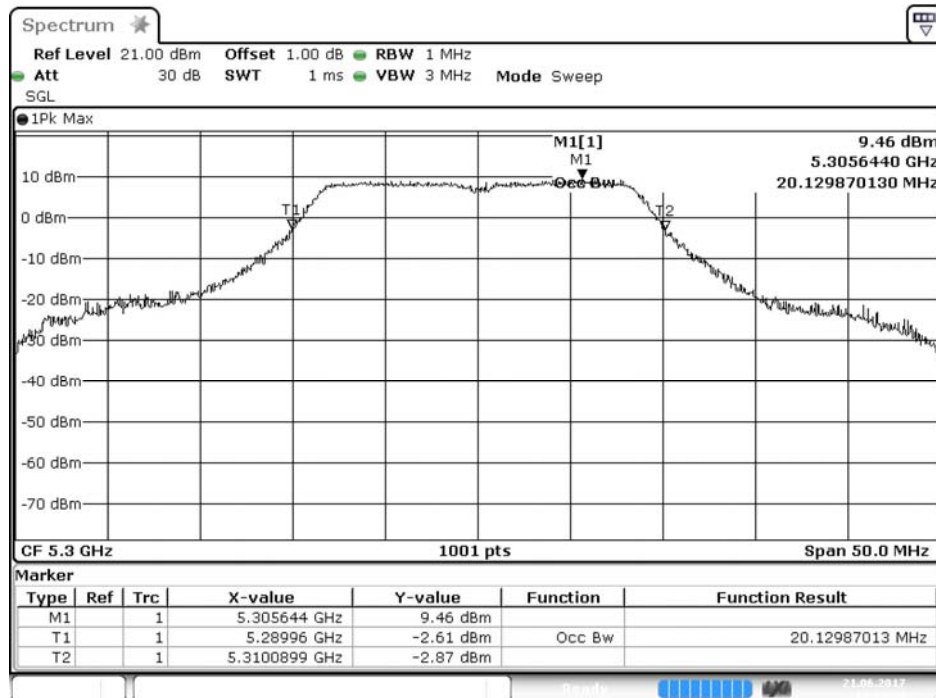
1. Power Output Value = Reading value on average power meter + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
3. The antennas of the device is less than 4 does not need to calculate directional gain according to document 662911 D01.
4. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

### 99% Occupied Bandwidth: Channel 52 - Chain A



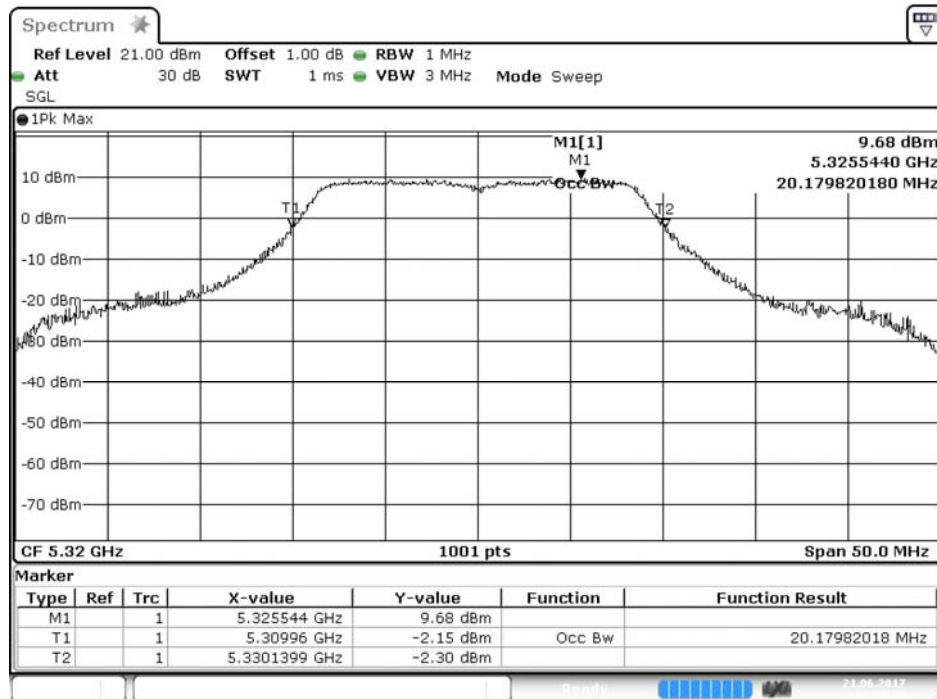
Date: 21.JUN.2017 13:20:34

### Channel 60 - Chain A



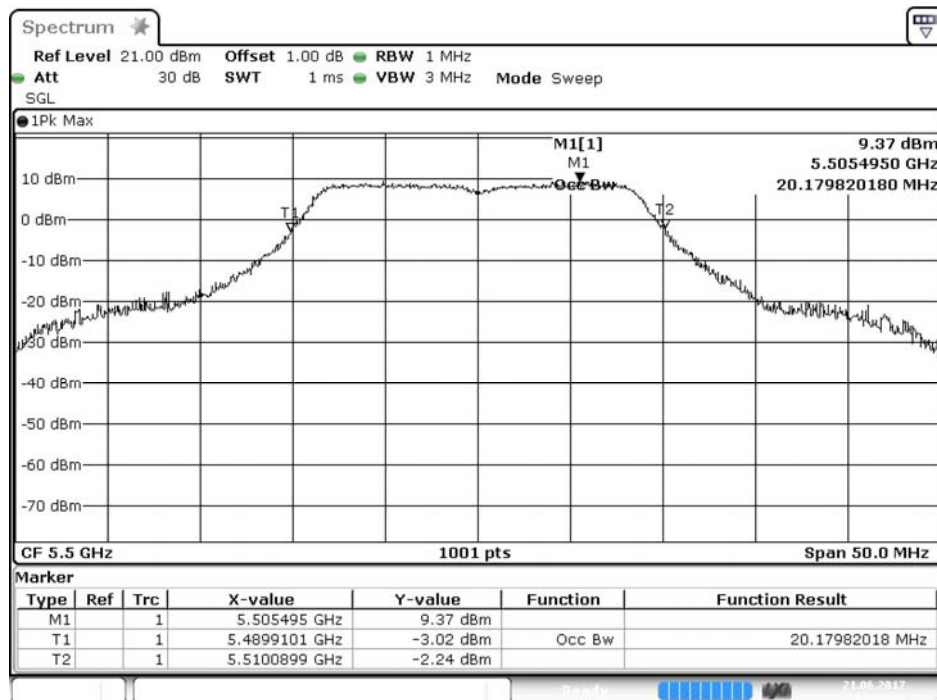
Date: 21.JUN.2017 13:23:00

## Channel 64 - Chain A



Date: 21.JUN.2017 13:25:36

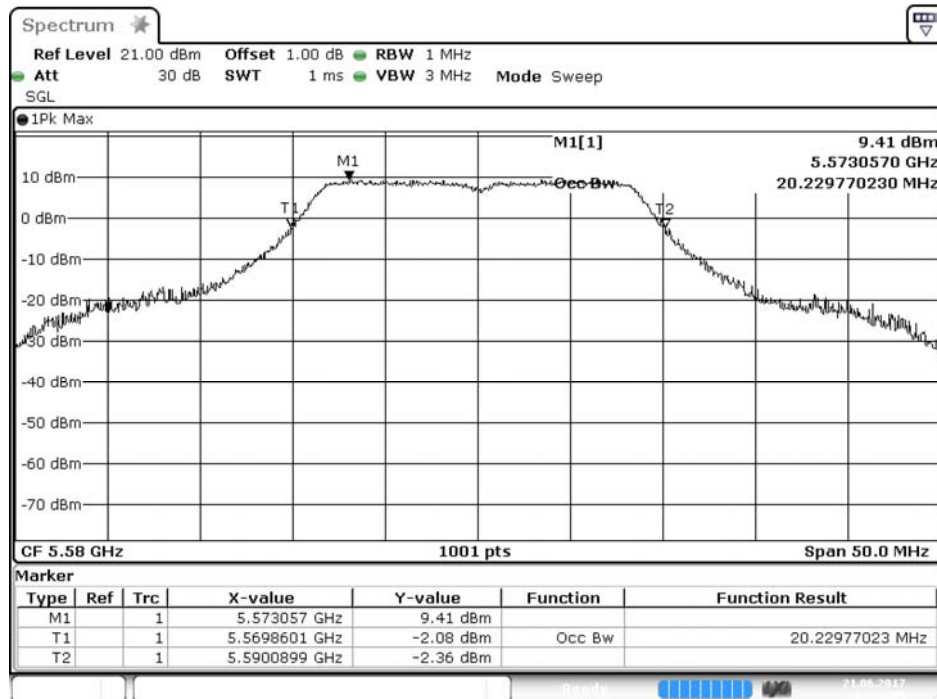
## Channel 100 - Chain A



Date: 21.JUN.2017 13:28:52

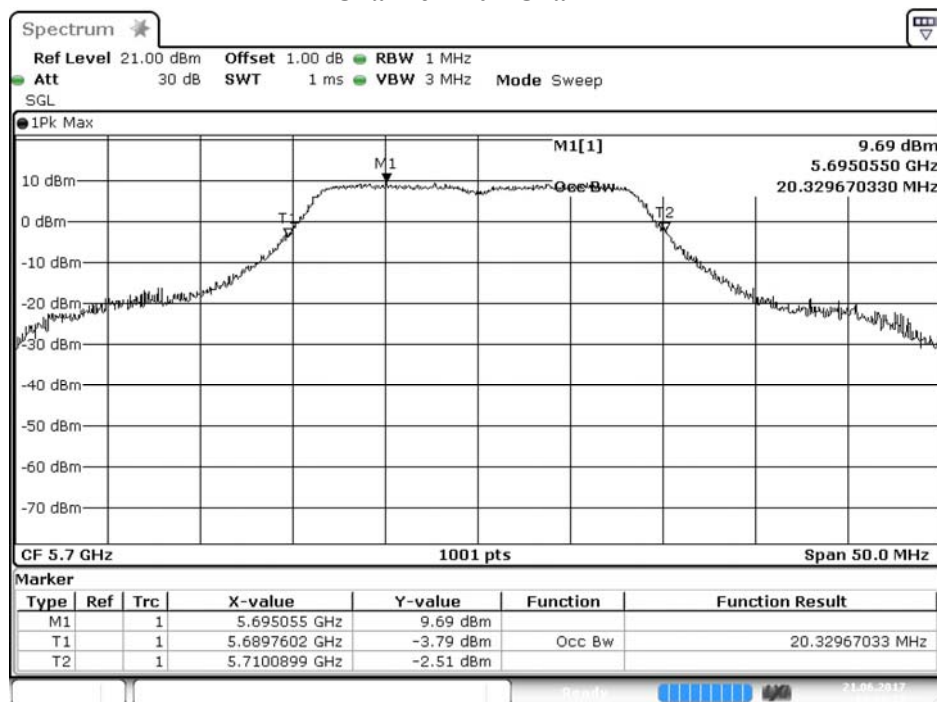


## Channel 116 - Chain A



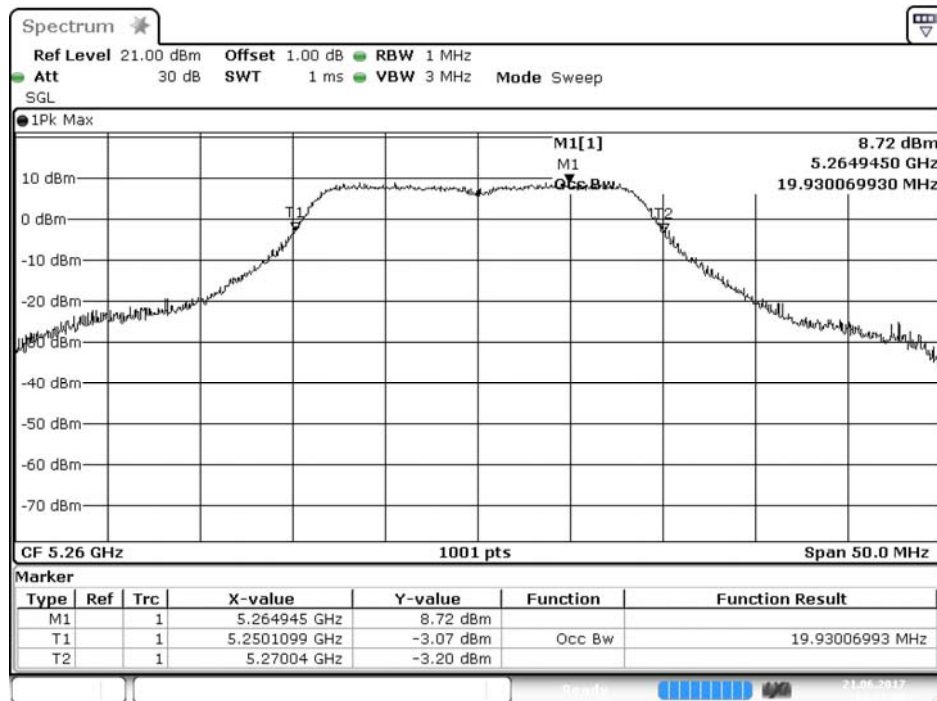
Date: 21.JUN.2017 13:32:05

## Channel 140 - Chain A



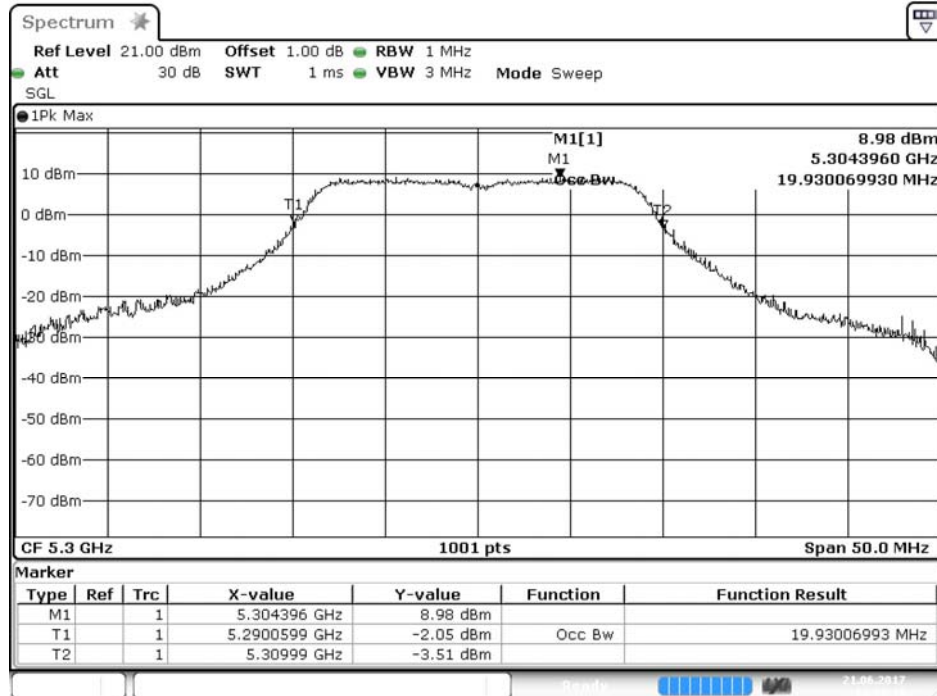
Date: 21.JUN.2017 13:34:37

### 99% Occupied Bandwidth: Channel 52 - Chain B



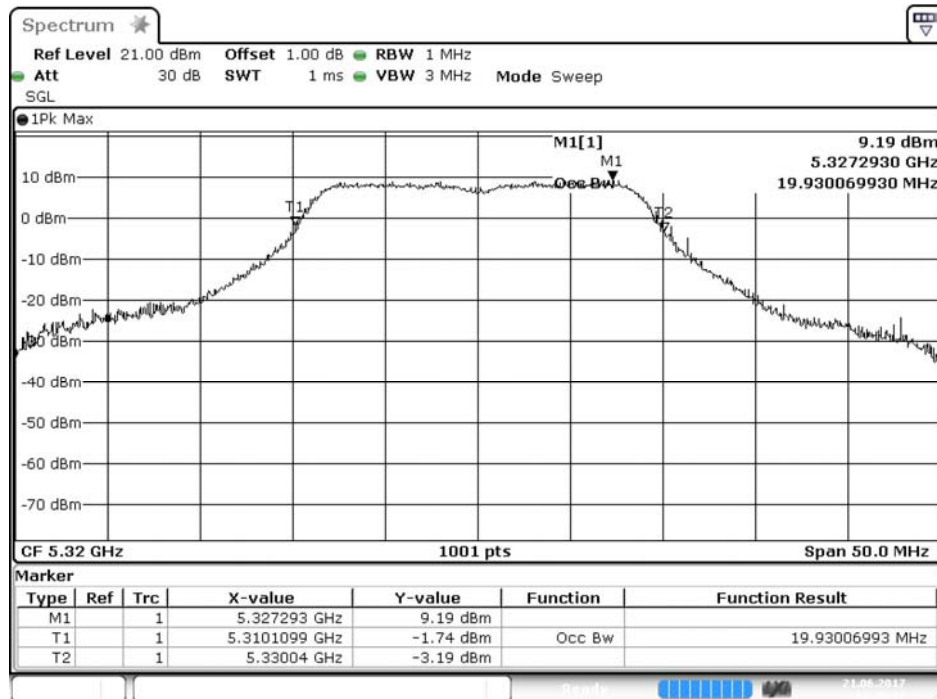
Date: 21.JUN.2017 14:41:00

### Channel 60 - Chain B



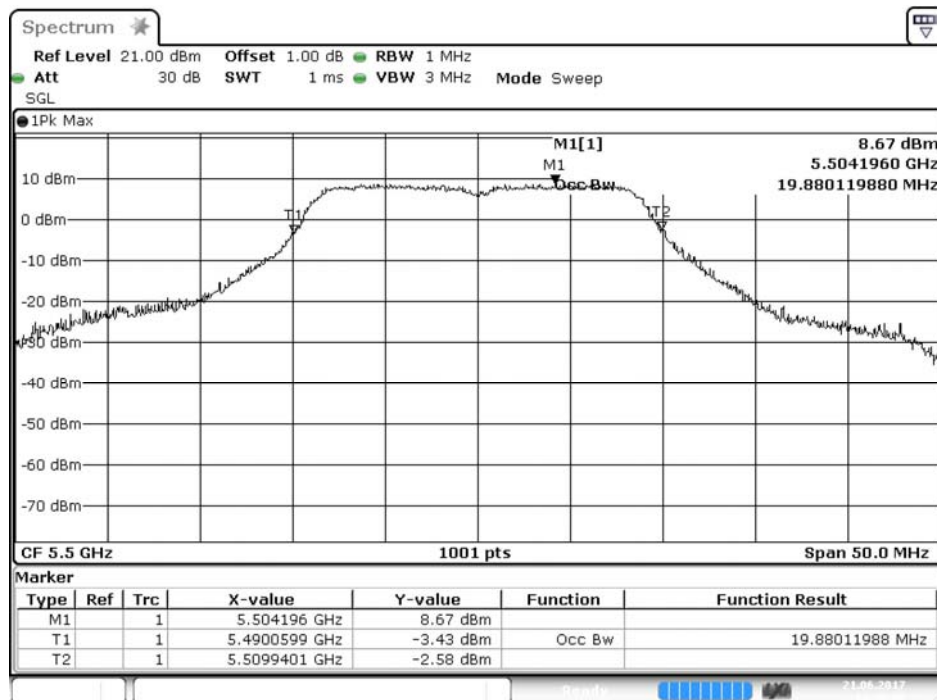
Date: 21.JUN.2017 14:43:17

## Channel 64 - Chain B



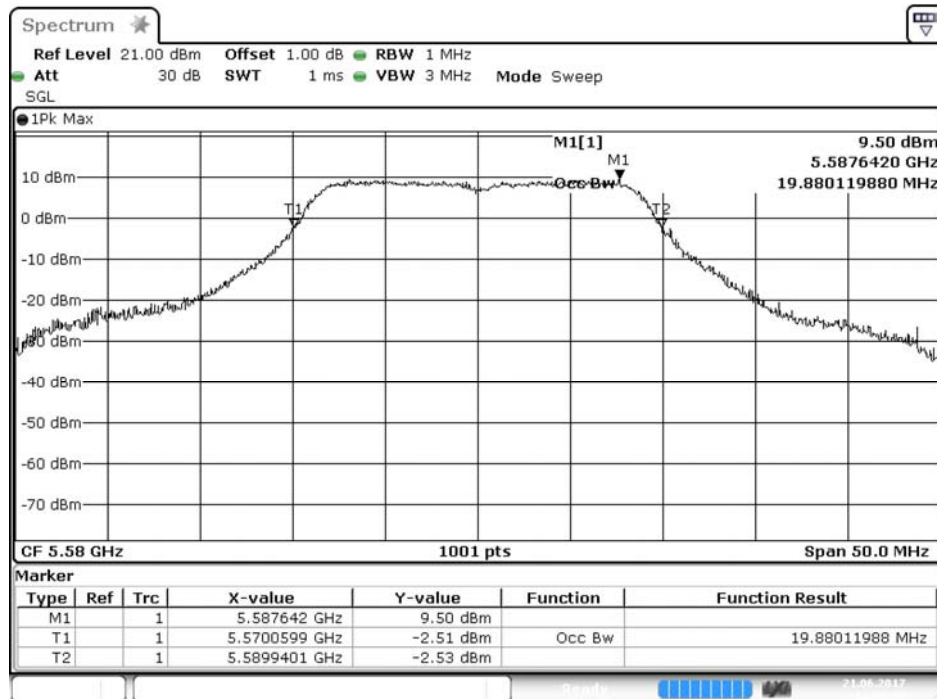
Date: 21.JUN.2017 14:45:31

## Channel 100 - Chain B



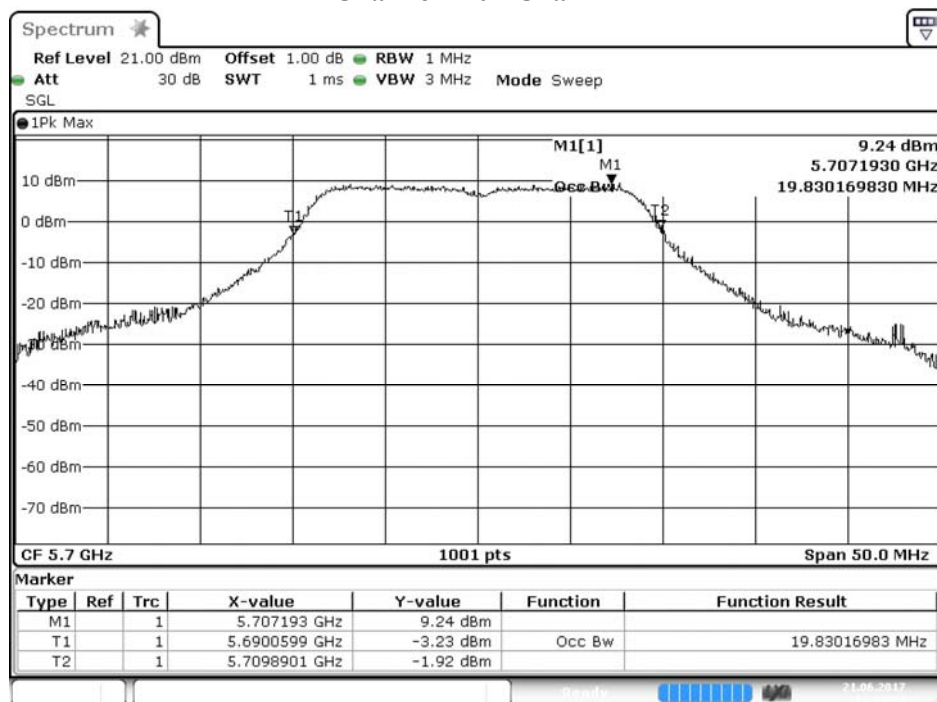
Date: 21.JUN.2017 14:48:01

## Channel 116 - Chain B



Date: 21.JUN.2017 14:50:29

## Channel 140 - Chain B



Date: 21.JUN.2017 14:52:54

Product : Mobile Medical Assistant Tablet  
 Test Item : Maximum conducted output power  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps)  
 Test Date : 2017/06/21

**CHAIN A**

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
38	5190	10.31	--	--	--	--	--	--	--	<30dBm
46	5230	11.08	11.01	10.93	10.85	10.79	10.72	10.66	10.59	<30dBm
54	5270	11.52	--	--	--	--	--	--	--	<24dBm
62	5310	9.22	9.15	9.08	9.01	8.95	8.88	8.81	8.75	<24dBm
102	5510	7.84	--	--	--	--	--	--	--	<24dBm
110	5550	11.04	10.98	10.91	10.85	10.78	10.71	10.65	10.58	<24dBm
134	5670	10.62	--	--	--	--	--	--	--	<24dBm
151	5755	10.8	--	--	--	--	--	--	--	<30dBm
159	5795	11.3	11.23	11.17	11.10	11.03	10.97	10.90	10.83	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

**CHAIN B**

Cable loss=1dB		Maximum conducted output power								
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		30	60	90	120	180	240	270	300	
		Measurement Level (dBm)								
38	5190	7.75	--	--	--	--	--	--	--	<30dBm
46	5230	10.61	10.55	10.48	10.41	10.35	10.27	10.2	10.13	<30dBm
54	5270	10.43	--	--	--	--	--	--	--	<24dBm
62	5310	6.65	6.58	6.51	6.45	6.38	6.31	6.25	6.19	<24dBm
102	5510	5.43	--	--	--	--	--	--	--	<24dBm
110	5550	11.31	11.25	11.18	11.11	11.04	10.97	10.90	10.83	<24dBm
134	5670	10.98	--	--	--	--	--	--	--	<24dBm
151	5755	10.94	--	--	--	--	--	--	--	<30dBm
159	5795	11.23	11.17	11.1	11.03	10.97	10.90	10.83	10.77	<30dBm

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

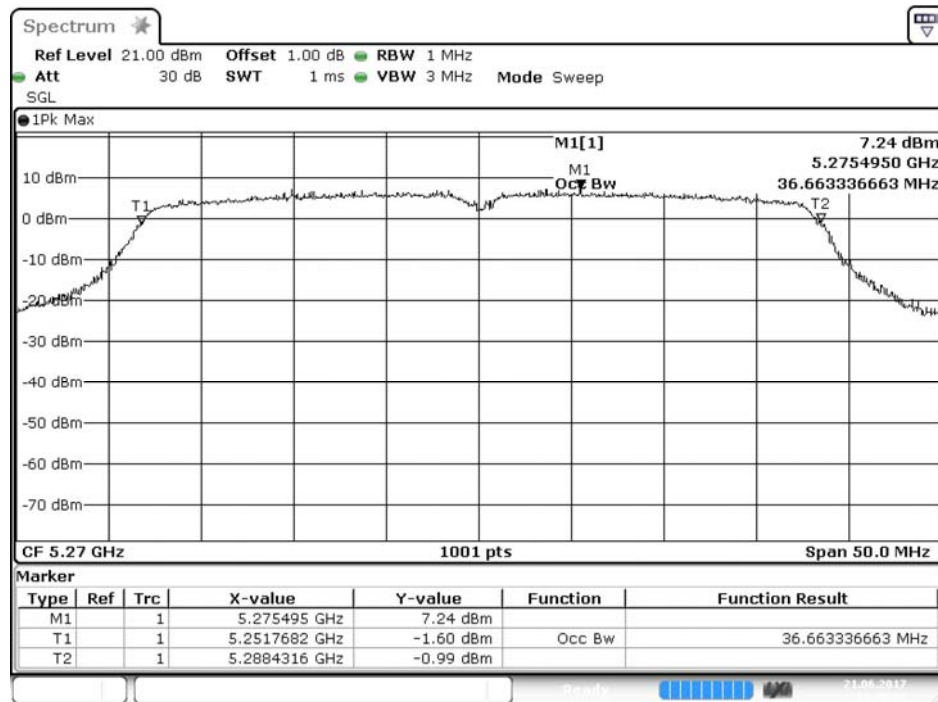
**Maximum conducted output power Measurement:****(CHAIN A+ B)**

Channel Number	Frequency (MHz)	26dB Bandwidth (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Output Power (dBm)	Output Power Limit	
						(dBm)	11dBm+10log(B)
38	5190	--	10.31	7.75	12.23	22.81	--
46	5230	--	11.08	10.61	13.86	22.81	--
54	5270	36.563	11.52	10.43	14.02	22.7	26.63
62	5310	36.563	9.22	6.65	11.13	22.7	26.63
102	5510	36.563	7.84	5.43	9.81	22.56	26.63
110	5550	36.563	11.04	11.31	14.19	22.56	26.63
134	5670	36.563	10.62	10.98	13.81	22.56	26.63
151	5755	--	10.80	10.94	13.88	28.43	--
159	5795	--	11.30	11.23	14.28	28.43	--

Note:

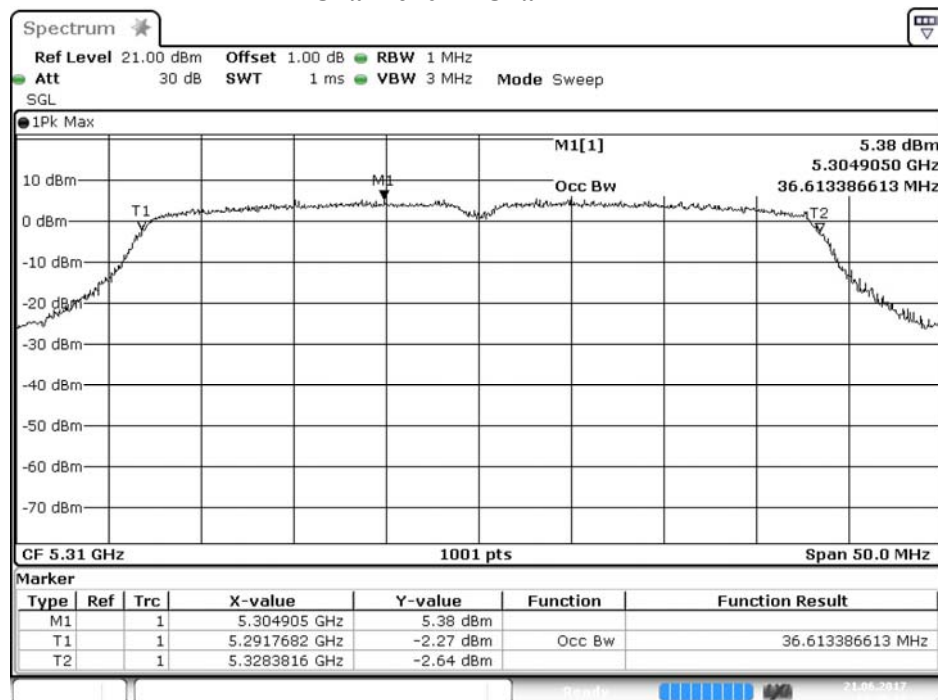
1. Power Output Value = Reading value on average power meter + cable loss
2. Output Power (dBm) = 10LOG (Chain A Power (mW)+ Chain B Power (mW))
3. The antennas of the device is less than 4 does not need to calculate directional gain according to document 662911 D01.
4. 26 dB Bandwidth is the bandwidth of chain A or chain B whichever is less bandwidth, output power limitation is more stringent.

### 99% Occupied Bandwidth: Channel 54 – Chain A



Date: 21.JUN.2017 13:45:42

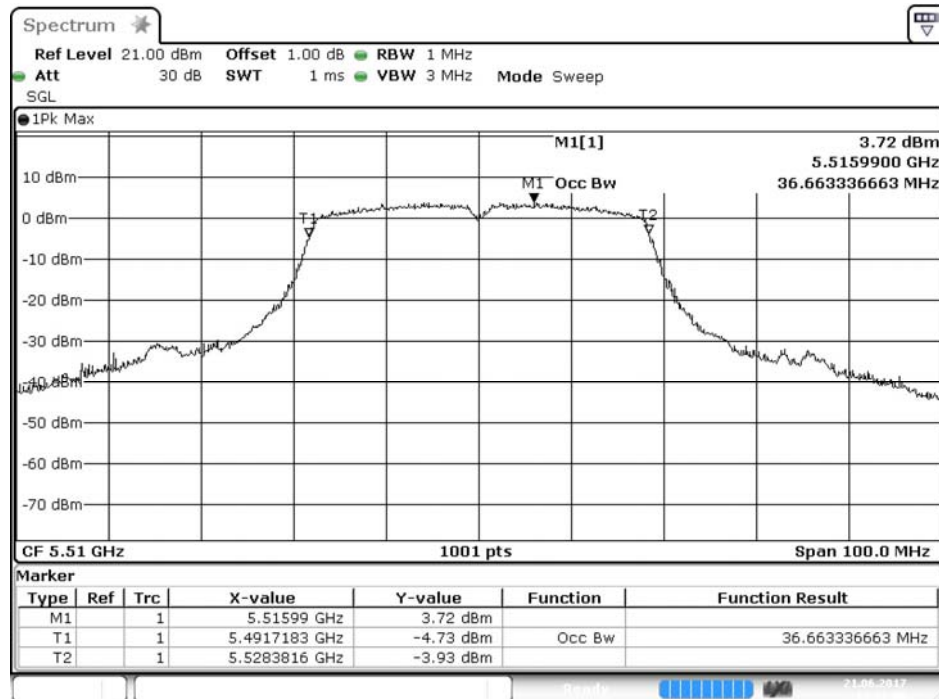
### Channel 62 – Chain A



Date: 21.JUN.2017 13:48:22

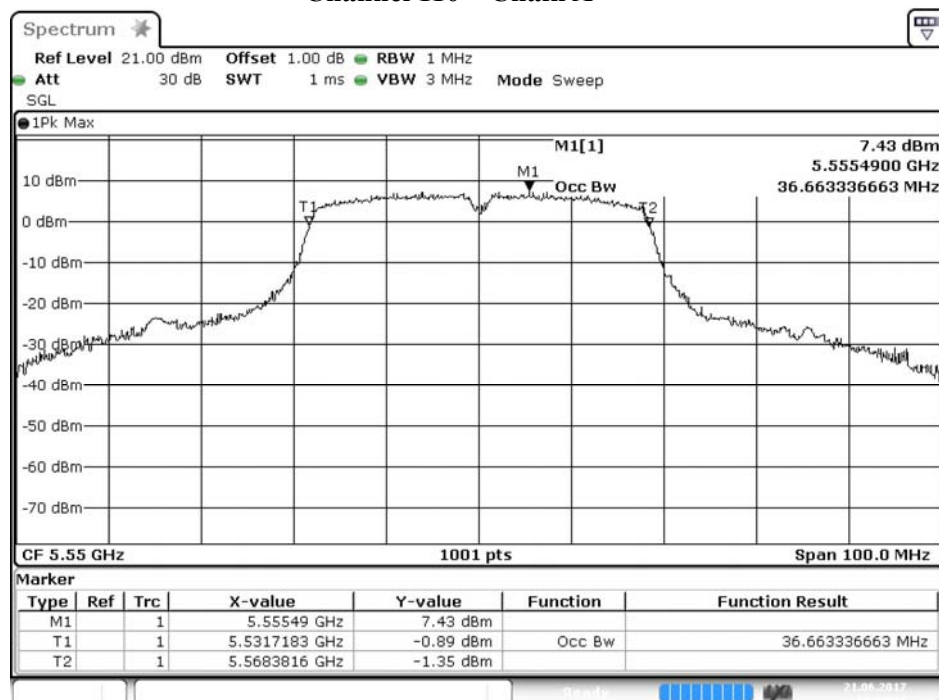


## Channel 102 – Chain A



Date: 21.JUN.2017 13:51:06

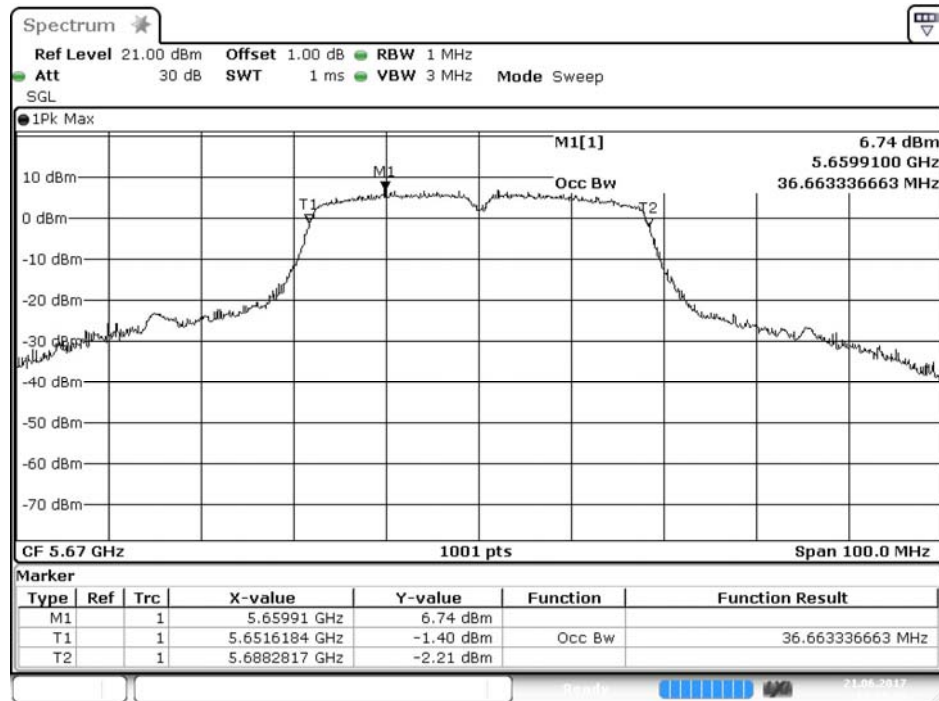
## Channel 110 – Chain A



Date: 21.JUN.2017 13:53:32

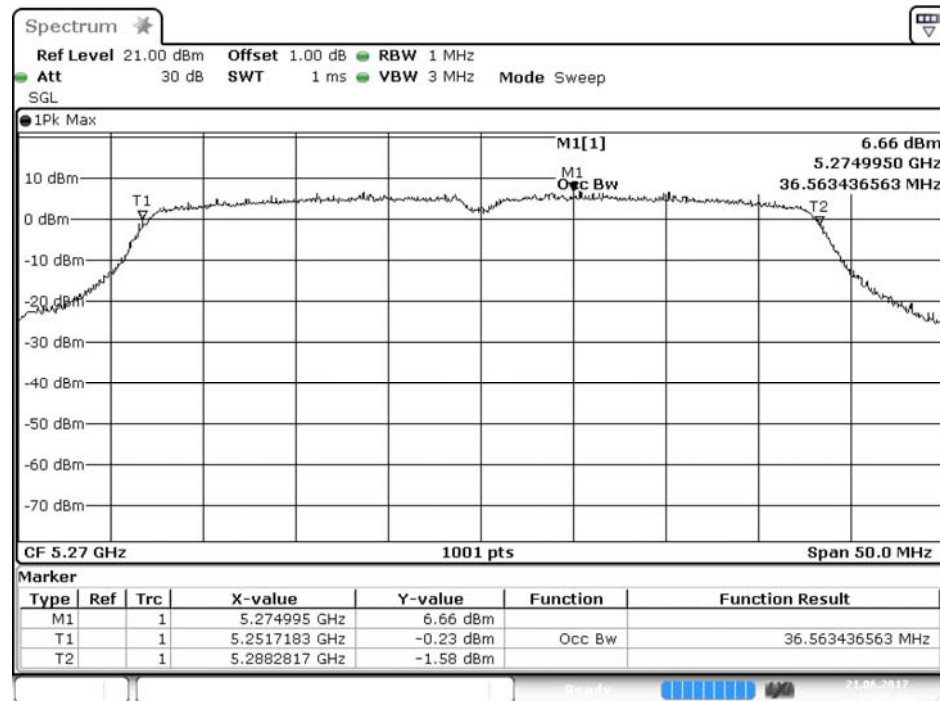


## Channel 134 – Chain A



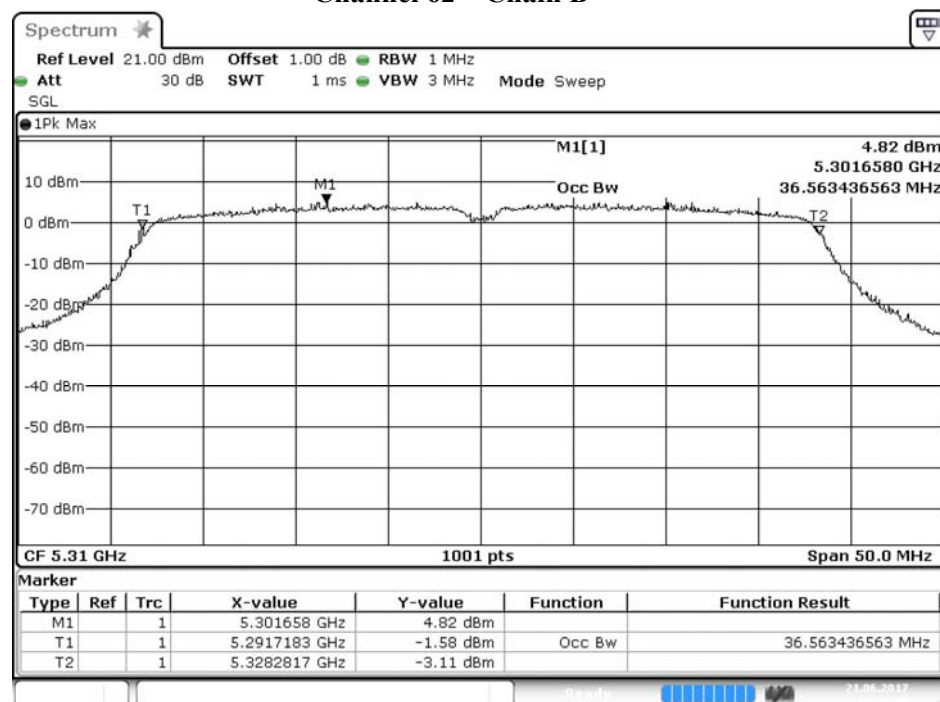
Date: 21.JUN.2017 13:57:54

### 99% Occupied Bandwidth: Channel 54 – Chain B



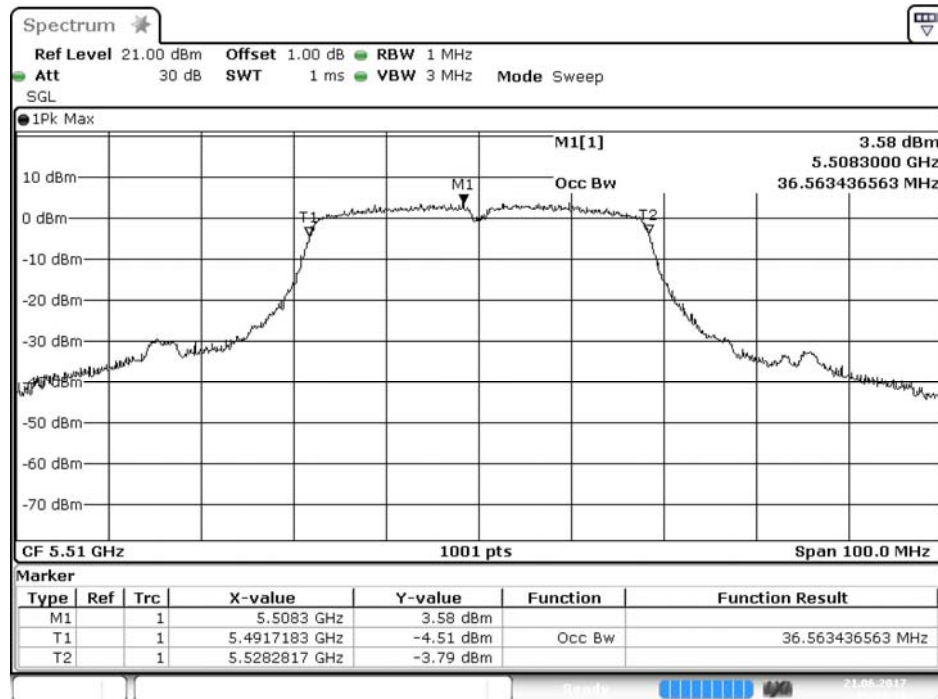
Date: 21.JUN.2017 15:00:18

### Channel 62 – Chain B



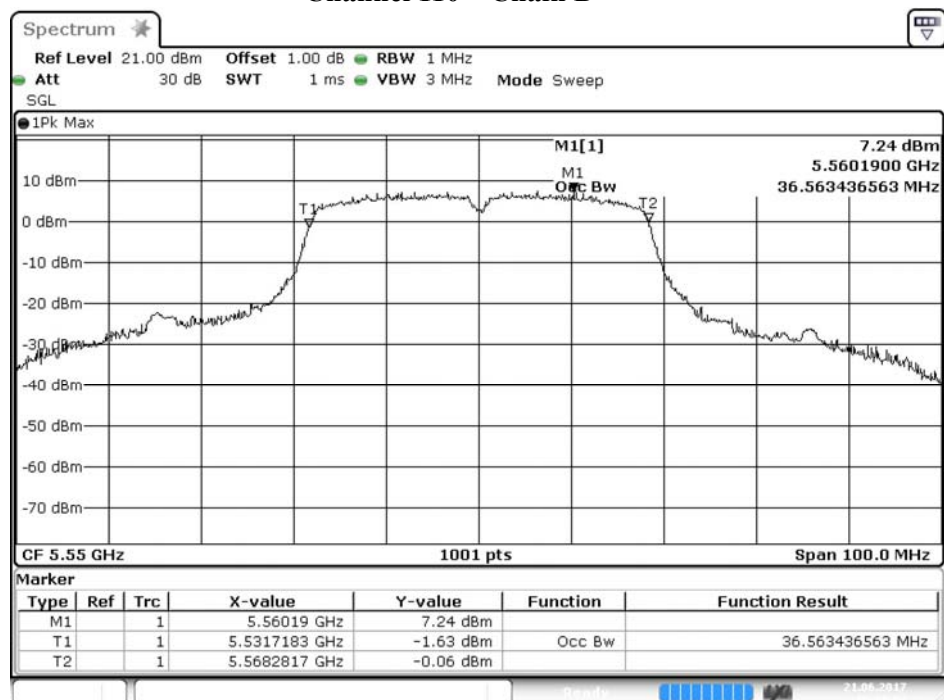
Date: 21.JUN.2017 15:02:40

## Channel 102 – Chain B



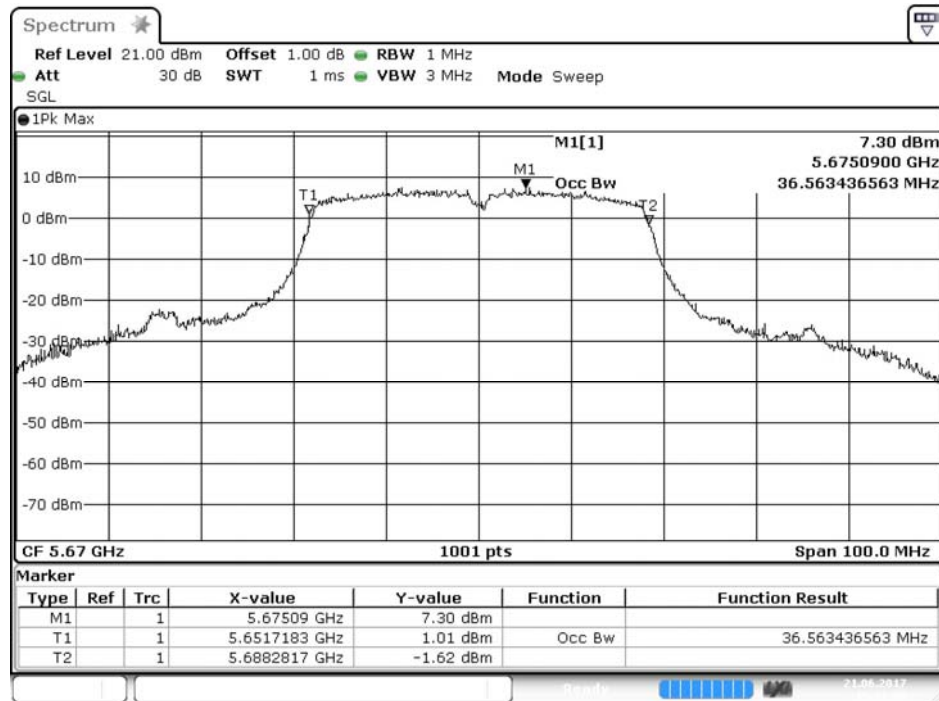
Date: 21.JUN.2017 15:05:16

## Channel 110 – Chain B



Date: 21.JUN.2017 15:08:53

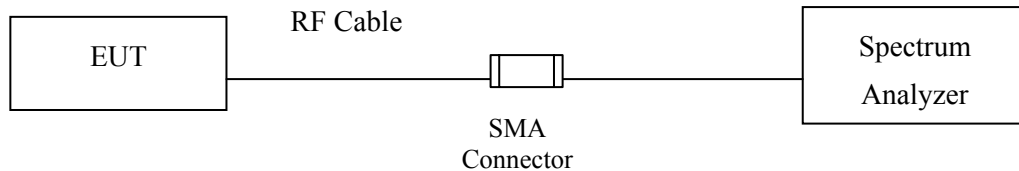
## Channel 134 – Chain B



Date: 21.JUN.2017 15:11:09

## 4. Peak Power Spectral Density

### 4.1. Test Setup



### 4.2. 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 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, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
  - (ii) For an indoor access point operating in the band 5.15-5.25 GHz, 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, 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, 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 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, 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 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, 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 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, 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 UNII 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.

#### **4.3. Test Procedure**

The EUT was setup to ANSI C63.10, 2009; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

The Peak Power Spectral Density using KDB 789033 section F) procedure, Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer.

SA-1 method is selected to run the test.

For the band 5.725-5.85 GHz, Scale the observed power level to an equivalent value in 500 kHz by adjusting (increase) the measured power by a bandwidth correction factor (BWCF) where  $BWCF = 10\log(500\text{ kHz}/100\text{ kHz}) = 6.98\text{ dB}$ .

#### **4.4. Uncertainty**

$\pm 1.30\text{ dB}$

#### 4.5. Test Result of Peak Power Spectral Density

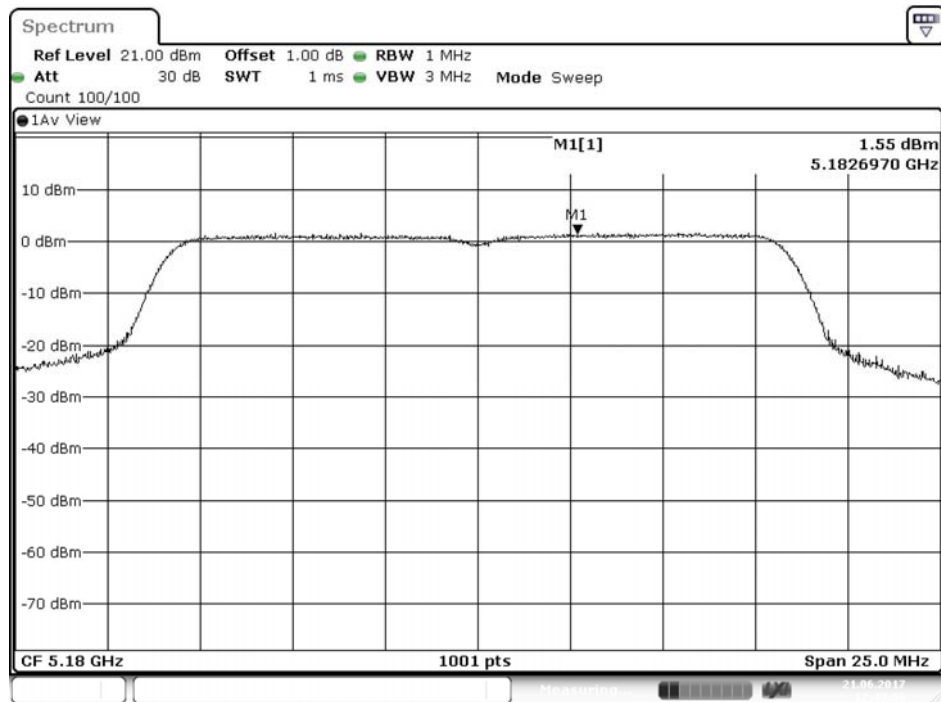
Product : Mobile Medical Assistant Tablet  
 Test Item : Peak Power Spectral Density  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps)  
 Test Date : 2017/06/21

Channel Number	Frequency (MHz)	Data Rate (Mbps)	Measurement Level (dBm)	Required Limit (dBm)	Result
36	5180	6	1.550	<9.81	Pass
44	5220	6	2.950	<9.81	Pass
48	5240	6	2.800	<9.81	Pass
52	5260	6	3.080	<9.70	Pass
60	5300	6	2.900	<9.70	Pass
64	5320	6	3.000	<9.70	Pass
100	5500	6	-0.460	<9.56	Pass
116	5580	6	3.400	<9.56	Pass
140	5700	6	1.760	<9.56	Pass

Channel Number	Frequency (MHz)	Data Rate (Mbps)	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
149	5745	6	-5.350	6.980	1.630	<28.43	Pass
157	5785	6	-5.580	6.980	1.400	<28.43	Pass
165	5825	6	-6.050	6.980	0.930	<28.43	Pass

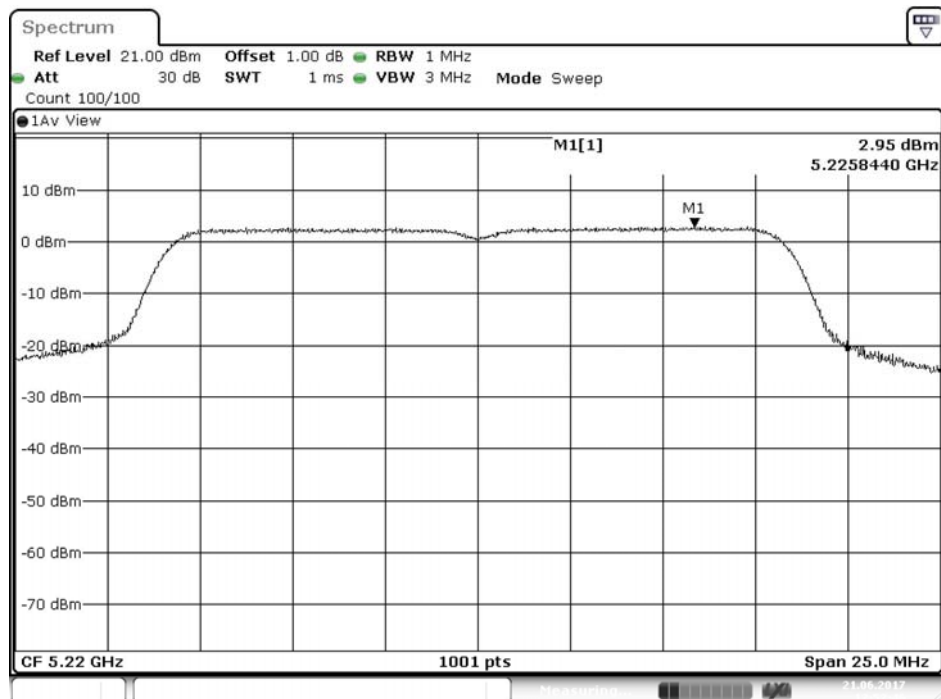
Note1. The maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

## Channel 36:



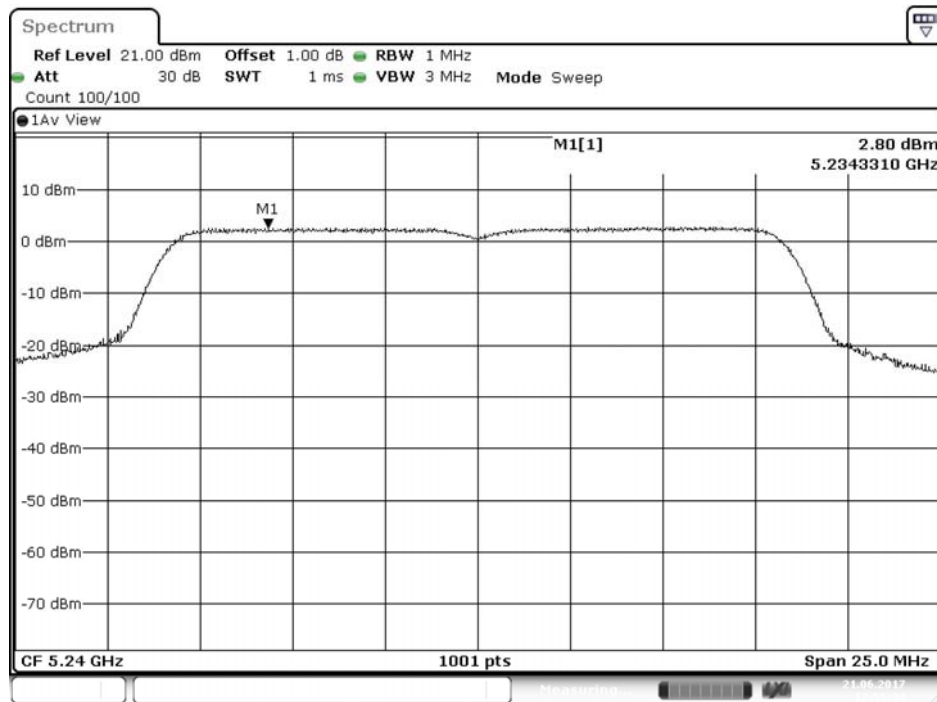
Date: 21.JUN.2017 12:49:50

## Channel 44:

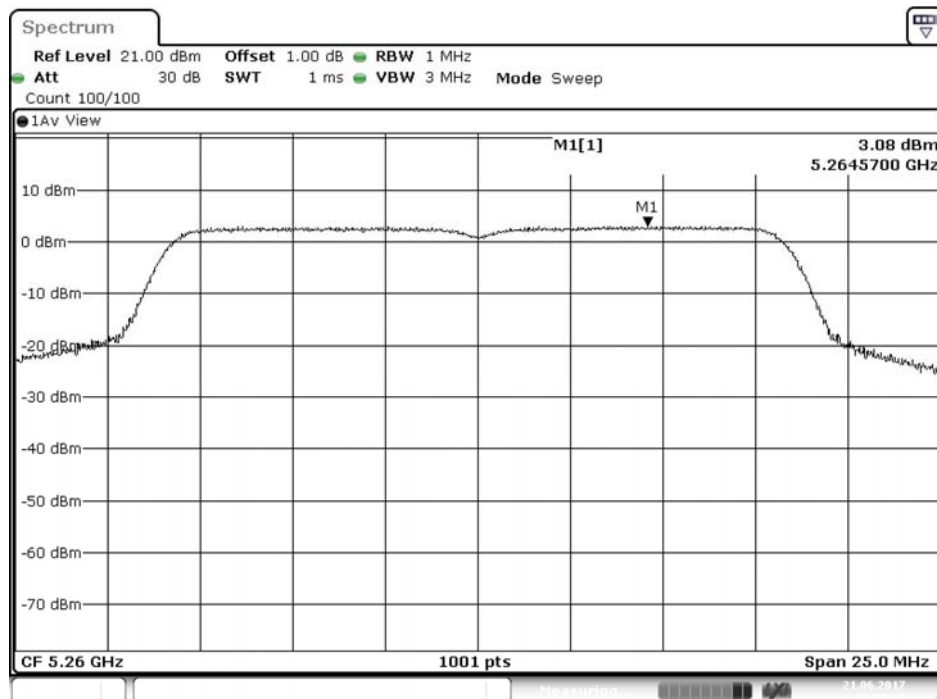


Date: 21.JUN.2017 12:52:46

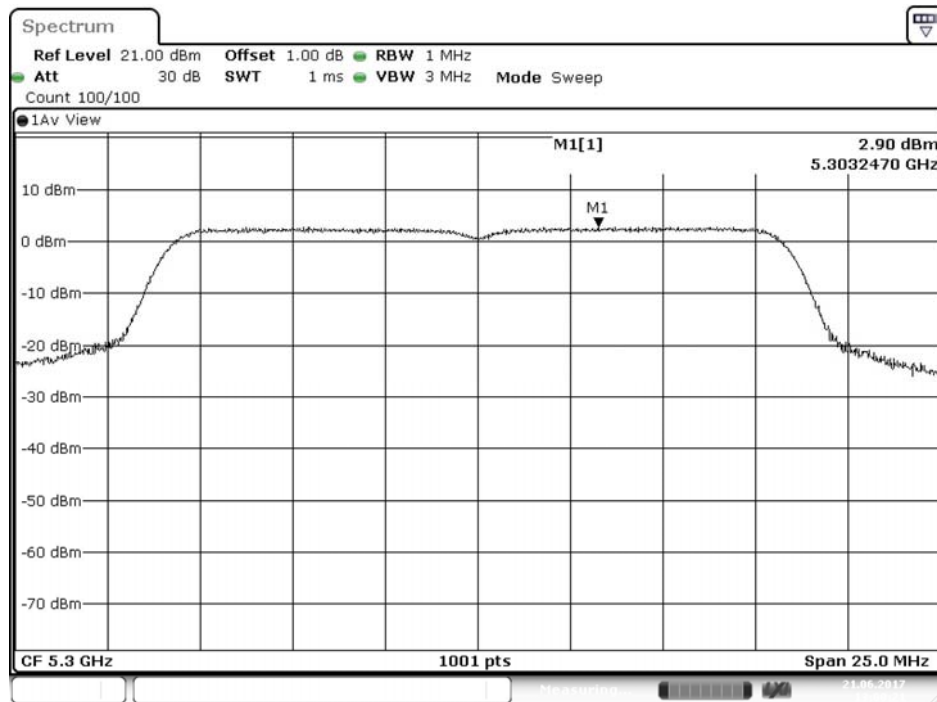


**Channel 48:**

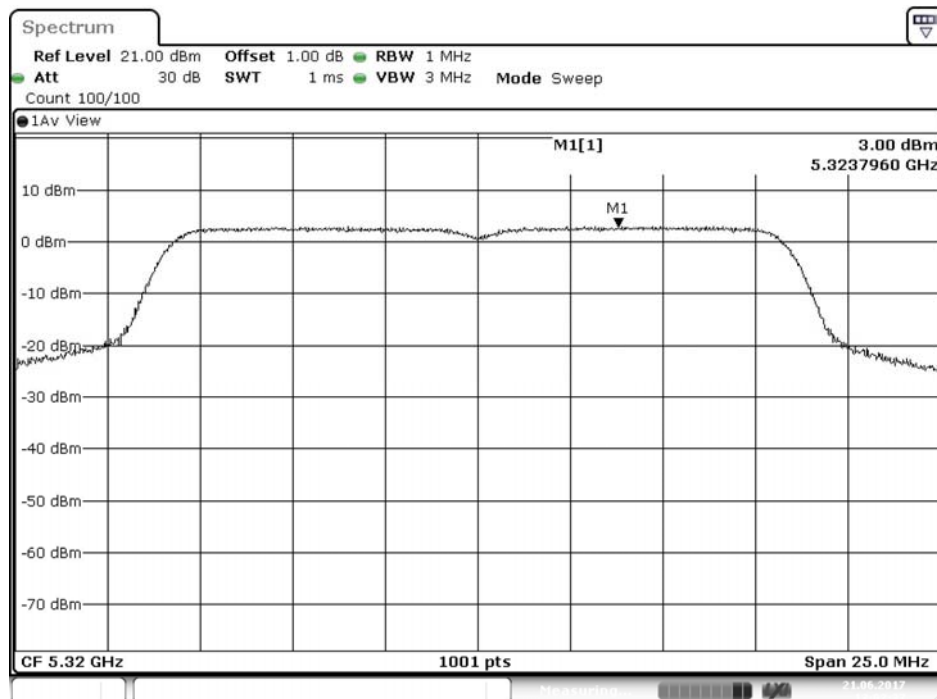
Date: 21.JUN.2017 12:55:35

**Channel 52:**

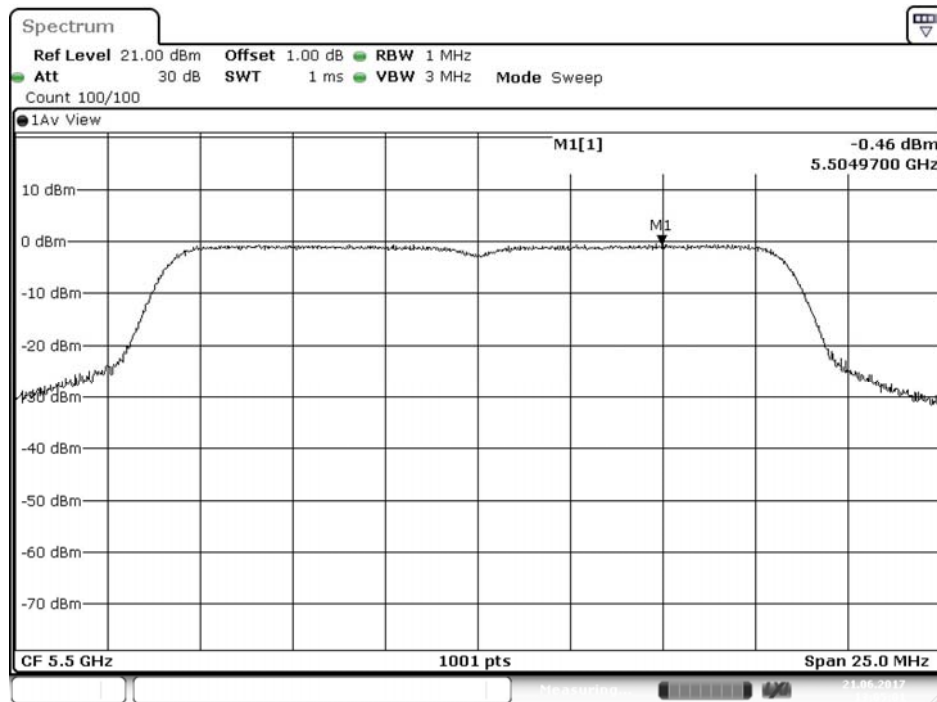
Date: 21.JUN.2017 12:57:57

**Channel 60:**

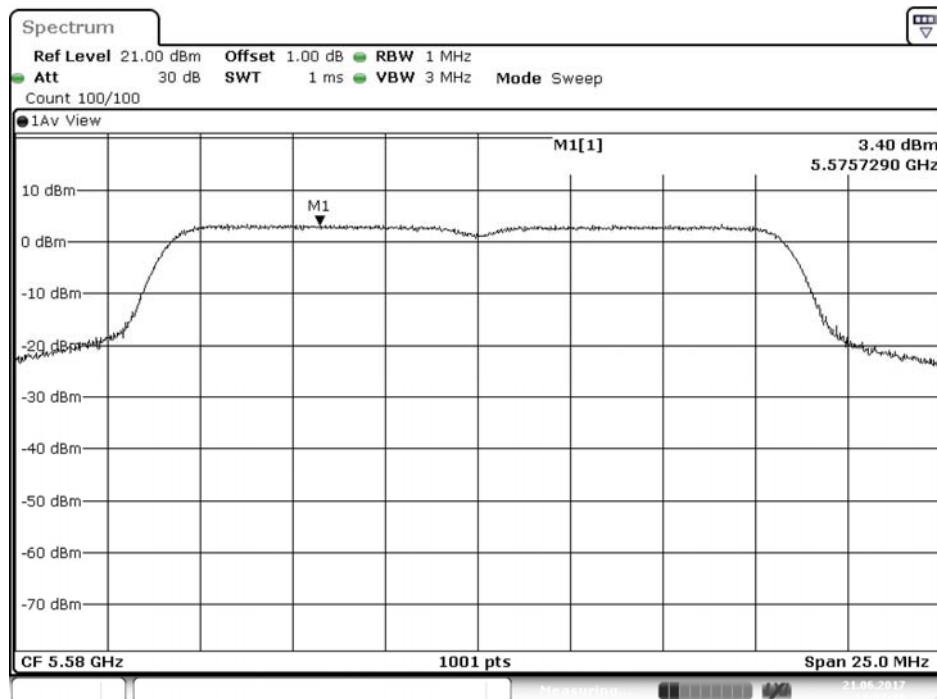
Date: 21.JUN.2017 13:00:21

**Channel 64:**

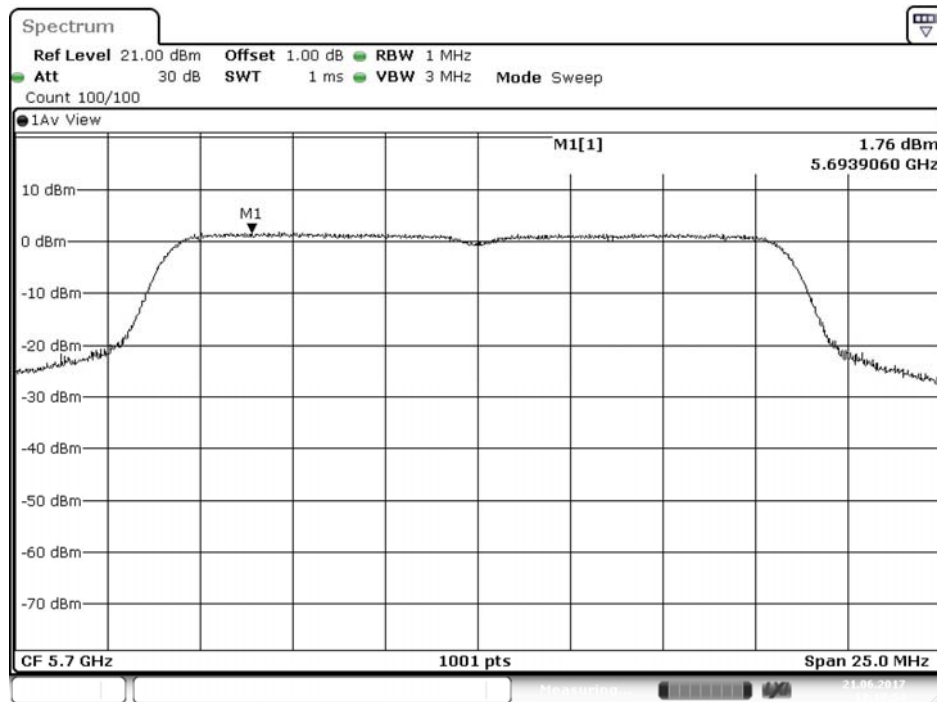
Date: 21.JUN.2017 13:02:37

**Channel 100:**

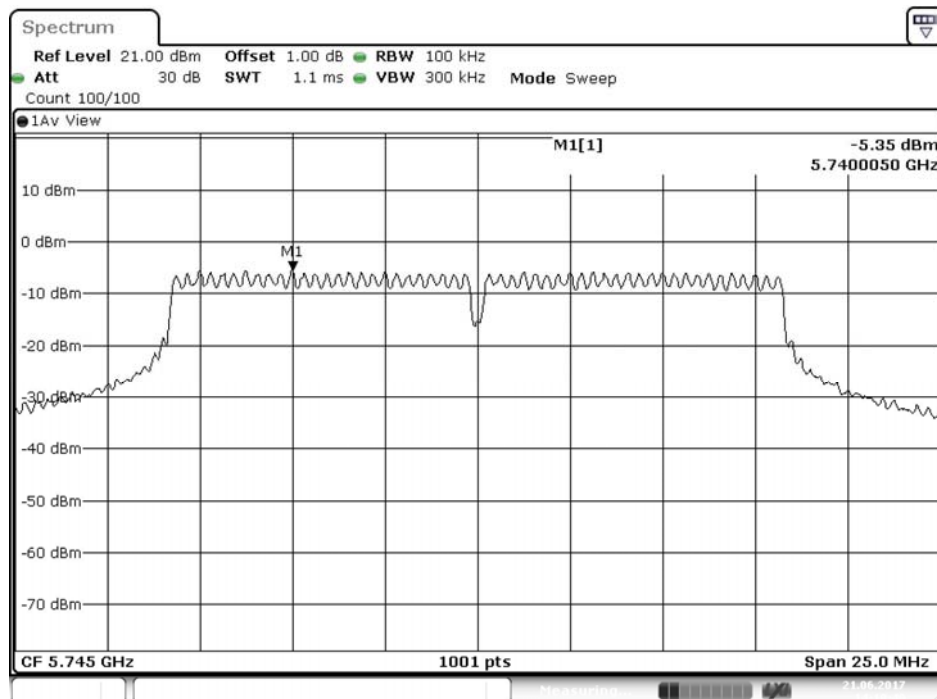
Date: 21.JUN.2017 13:05:01

**Channel 116:**

Date: 21.JUN.2017 13:07:28

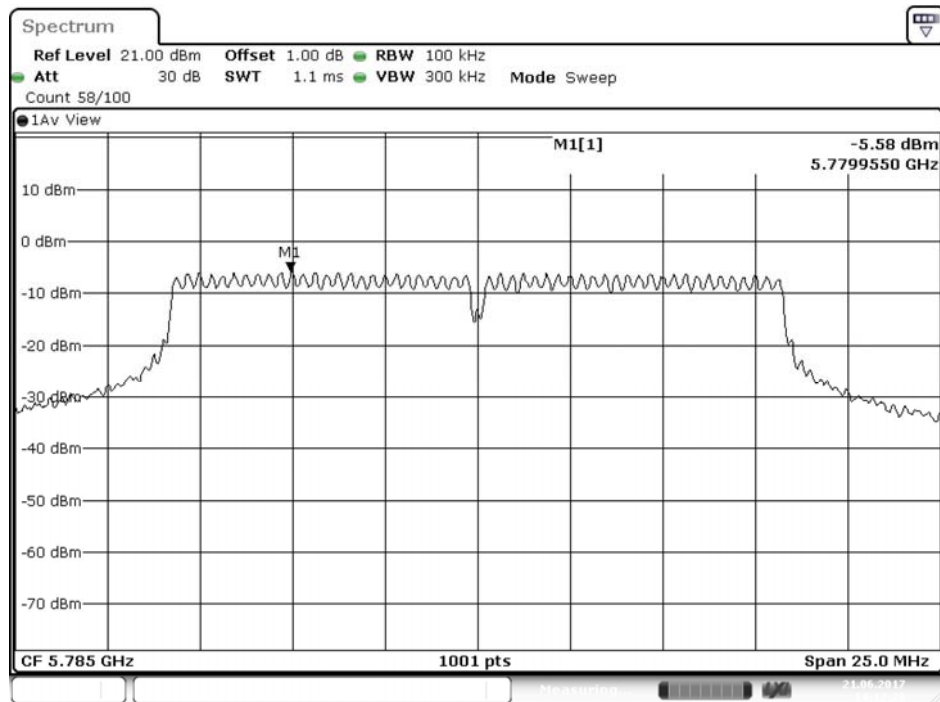
**Channel 140:**

Date: 21.JUN.2017 13:10:54

**Channel 149**

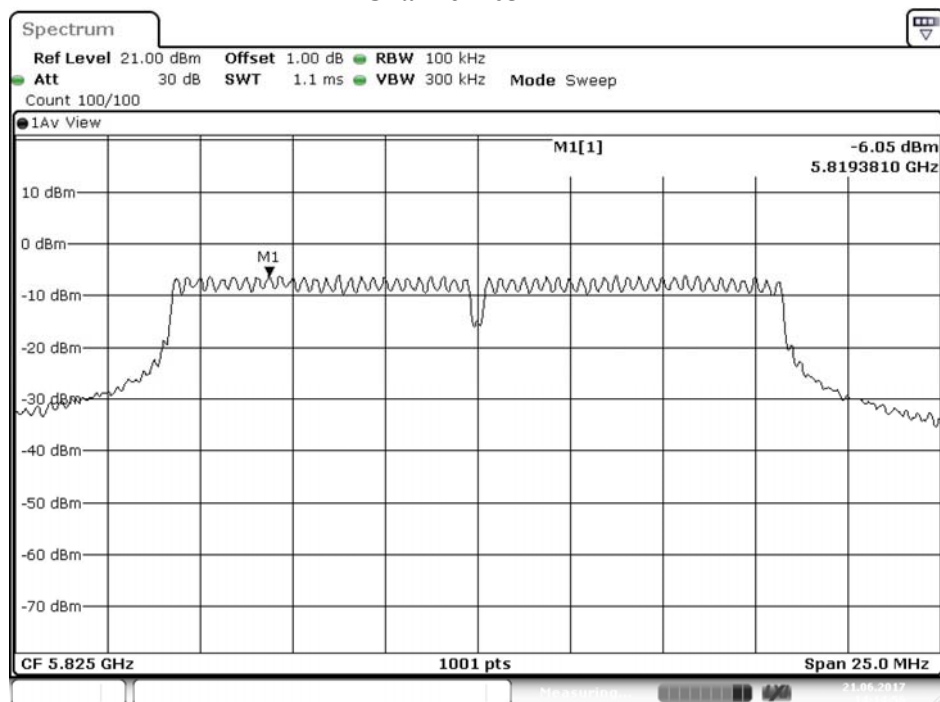
Date: 21.JUN.2017 14:10:40

## Channel 157



Date: 21.JUN.2017 14:12:29

## Channel 165



Date: 21.JUN.2017 14:14:57

Product : Mobile Medical Assistant Tablet  
 Test Item : Peak Power Spectral Density  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps)  
 Test Date : 2017/06/15

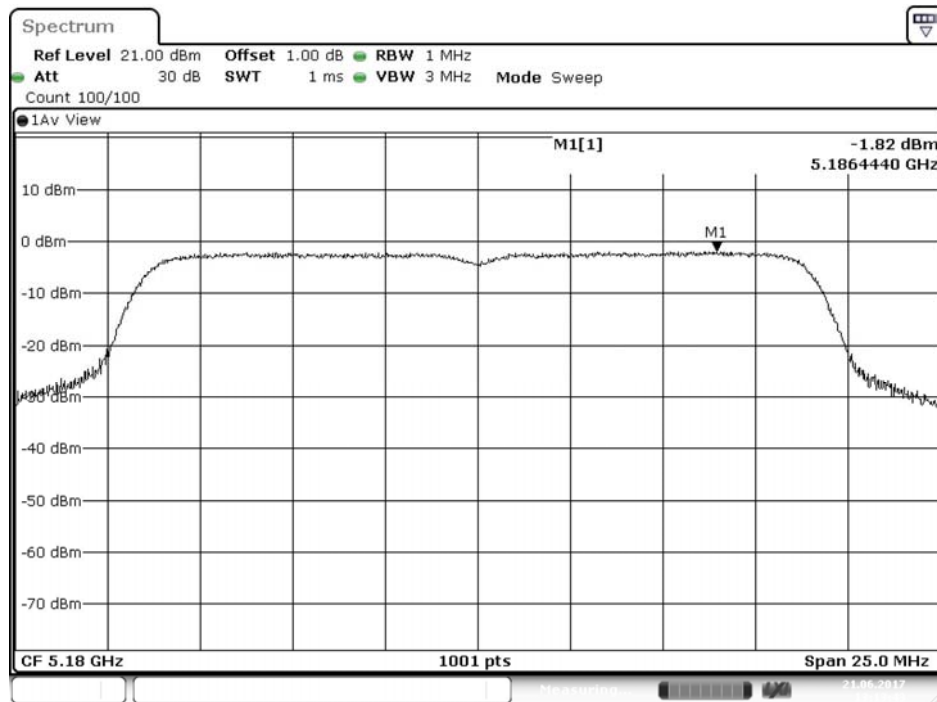
Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Total PSD (dBm) <sup>1</sup>	Required Limit (dBm)	Result
36	5180	A	-1.820	1.190	9.81	Pass
		B	-1.270	1.740	9.81	Pass
44	5220	A	-1.320	1.690	9.81	Pass
		B	-1.350	1.660	9.81	Pass
48	5240	A	-1.480	1.530	9.81	Pass
		B	-1.580	1.430	9.81	Pass
52	5260	A	-1.030	1.980	9.70	Pass
		B	-1.580	1.430	9.70	Pass
60	5300	A	-1.240	1.770	9.70	Pass
		B	-1.320	1.690	9.70	Pass
64	5320	A	-0.890	2.120	9.70	Pass
		B	-1.590	1.420	9.70	Pass
100	5500	A	-1.160	1.850	9.56	Pass
		B	-1.290	1.720	9.56	Pass
116	5580	A	-1.100	1.910	9.56	Pass
		B	-1.010	2.000	9.56	Pass
140	5700	A	-0.910	2.100	9.56	Pass
		B	-1.090	1.920	9.56	Pass

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm) <sup>1</sup>	Required Limit (dBm)	Result
149	5745	A	-9.930	6.980	0.060	<28.43	Pass
		B	-9.550	6.980	0.440	<28.43	Pass
157	5785	A	-9.940	6.980	0.050	<28.43	Pass
		B	-9.530	6.980	0.460	<28.43	Pass
165	5825	A	-9.400	6.980	0.590	<28.43	Pass
		B	-10.340	6.980	-0.350	<28.43	Pass

Note 1: The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911 D01.

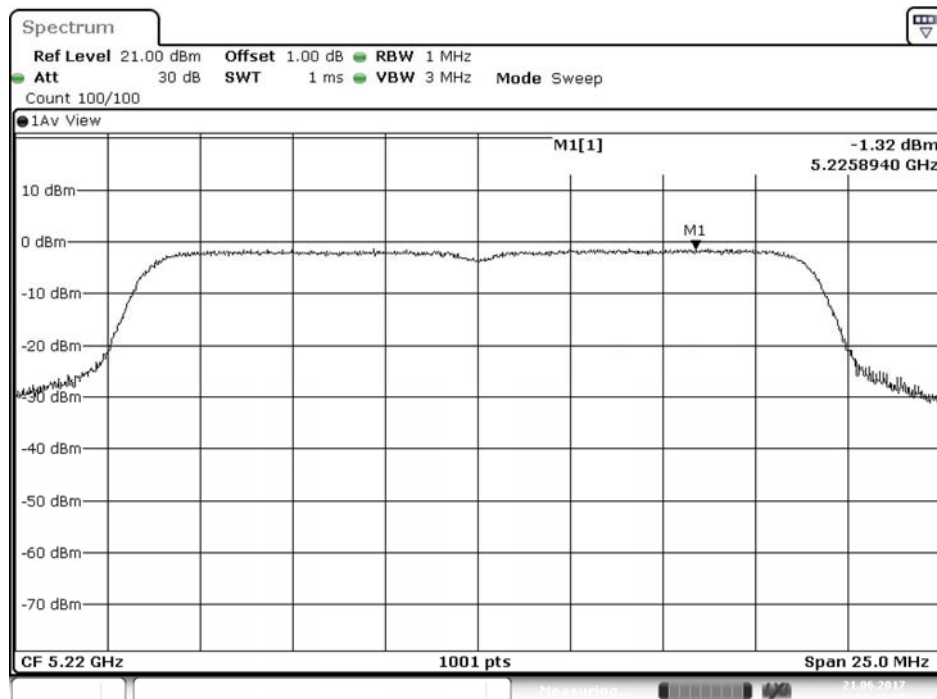
2. The maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

## Channel 36 – Chain A



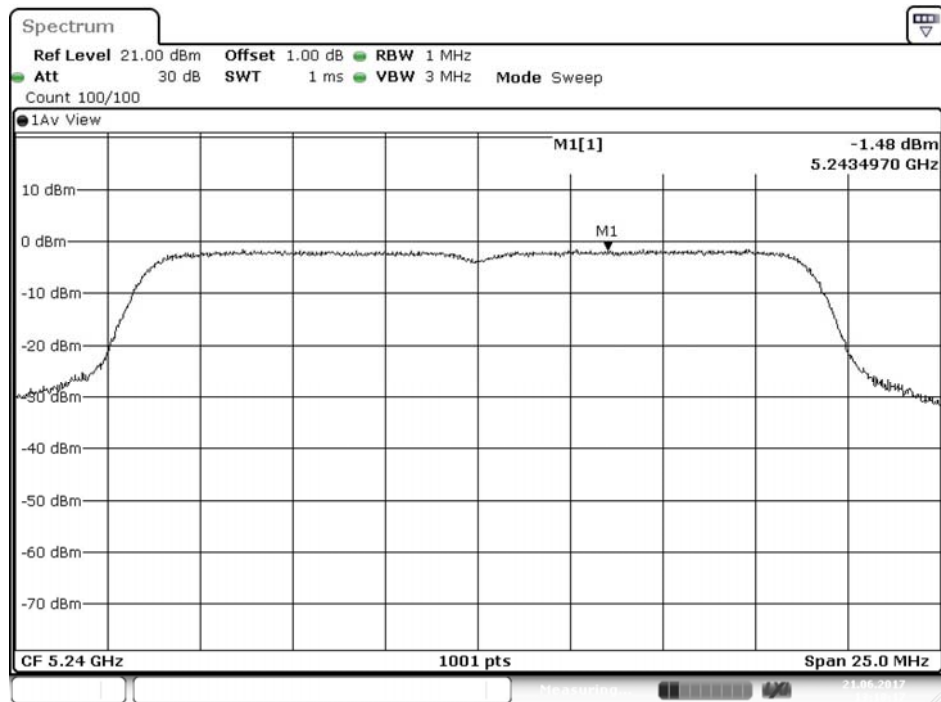
Date: 21.JUN.2017 13:13:43

## Channel 44 – Chain A



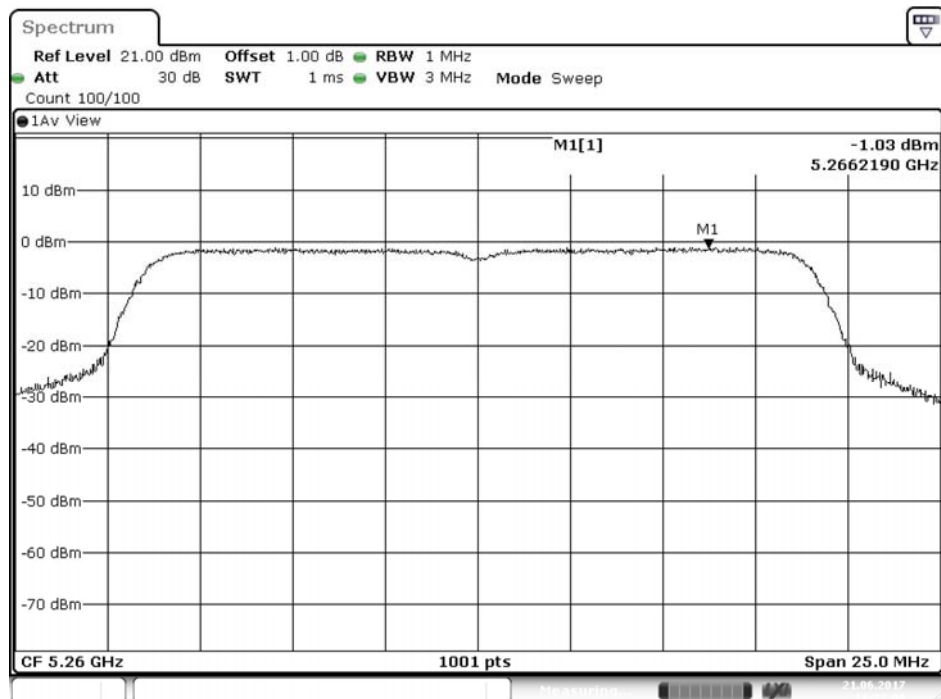
Date: 21.JUN.2017 13:16:02

## Channel 48 – Chain A



Date: 21.JUN.2017 13:18:17

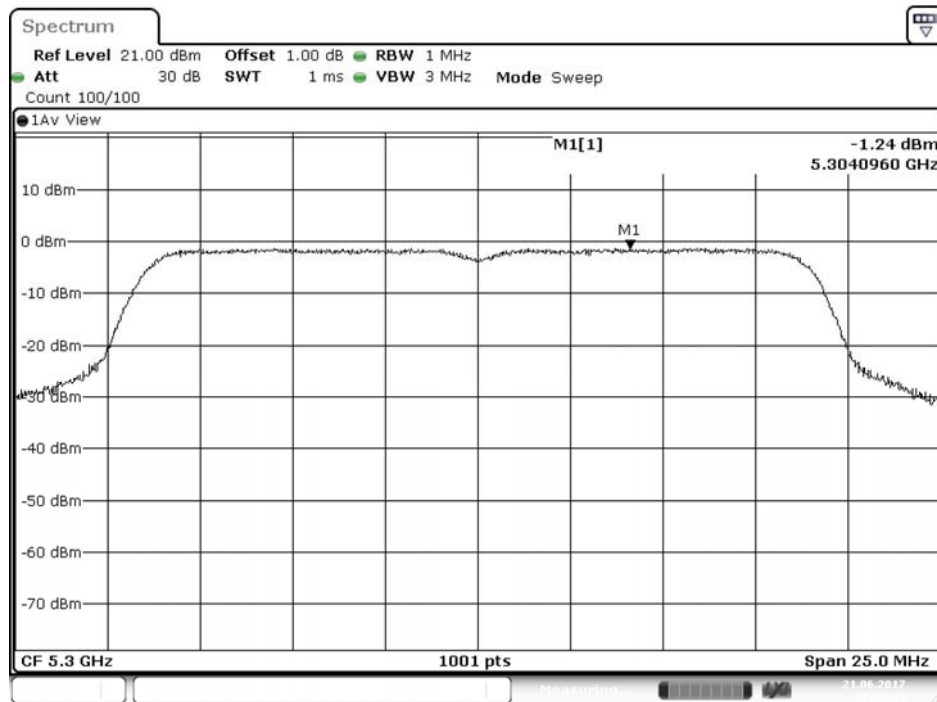
## Channel 52 – Chain A



Date: 21.JUN.2017 13:22:08

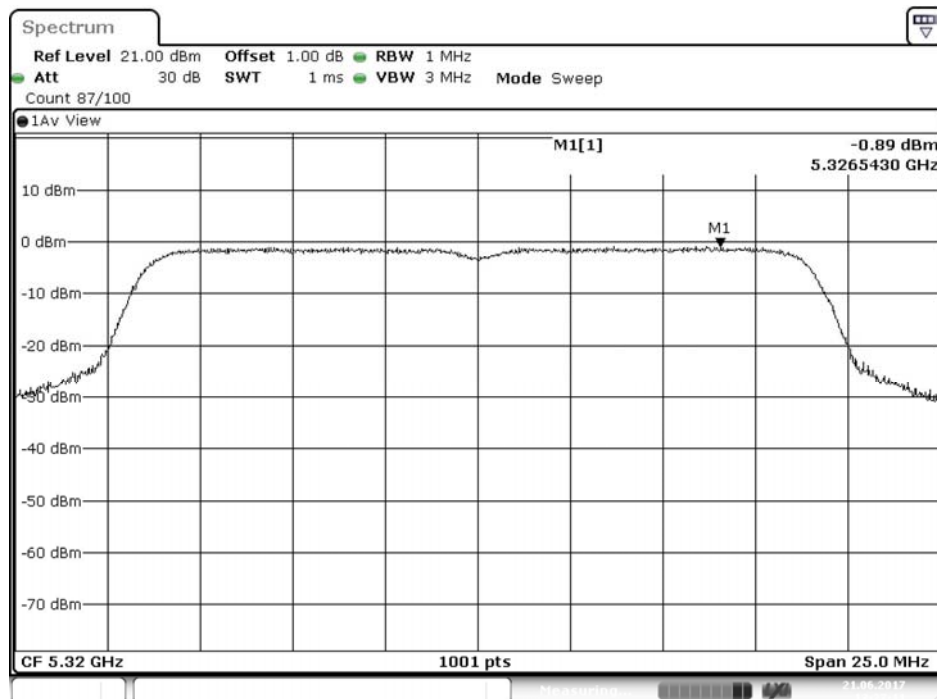


## Channel 60 – Chain A



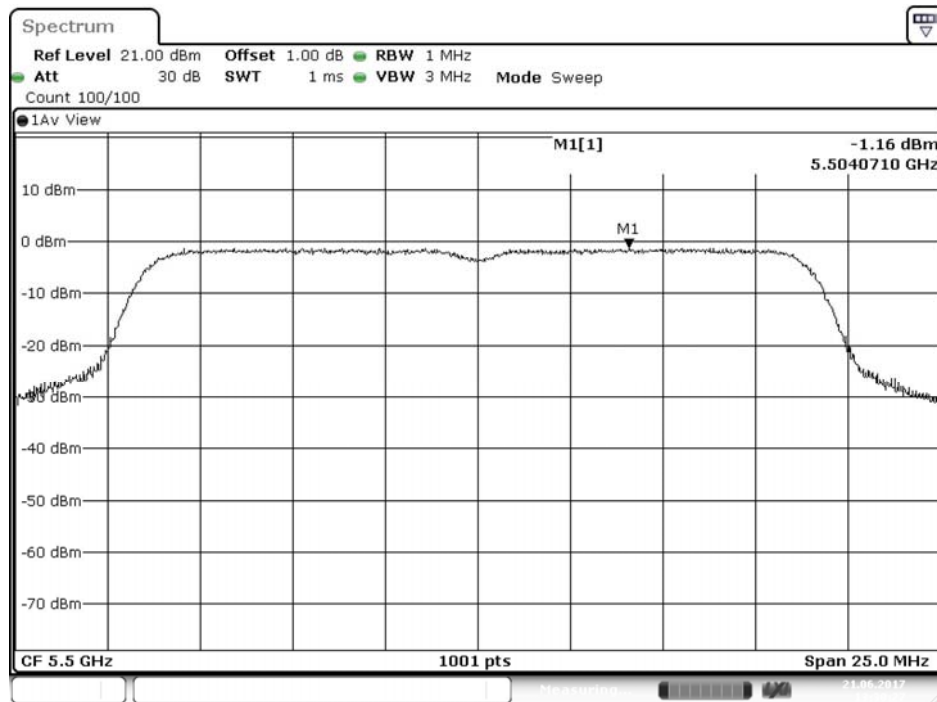
Date: 21.JUN.2017 13:24:35

## Channel 64 – Chain A



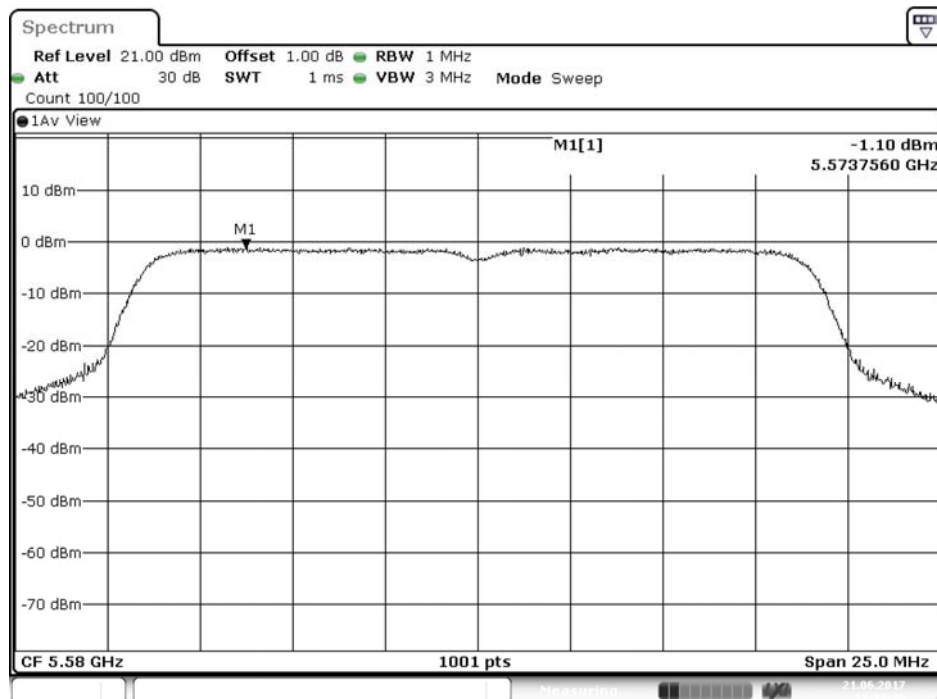
Date: 21.JUN.2017 13:27:11

## Channel 100 – Chain A



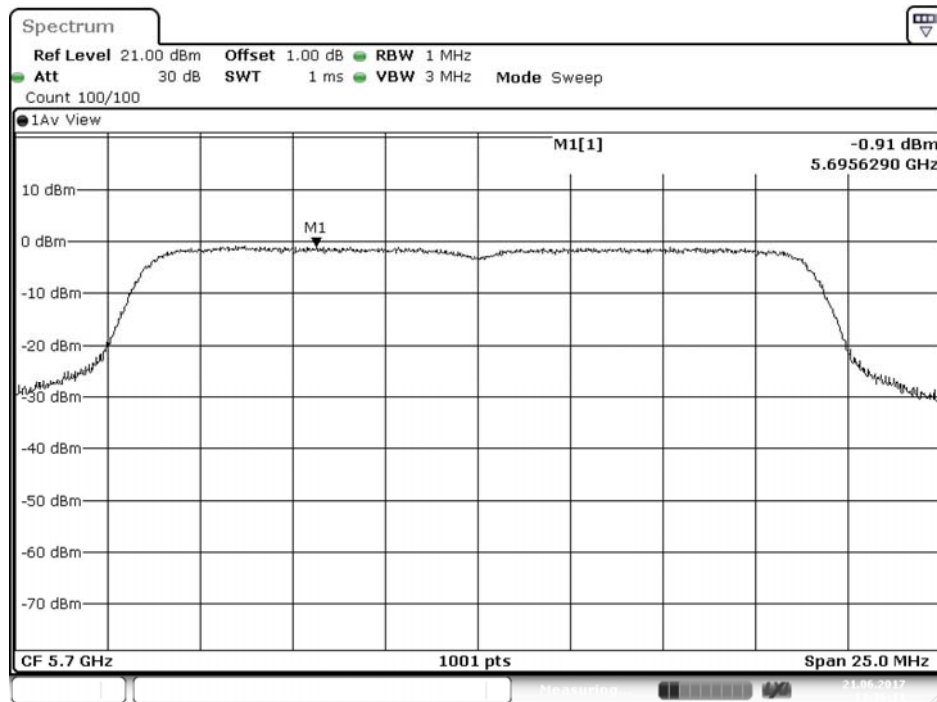
Date: 21.JUN.2017 13:30:27

## Channel 116 – Chain A



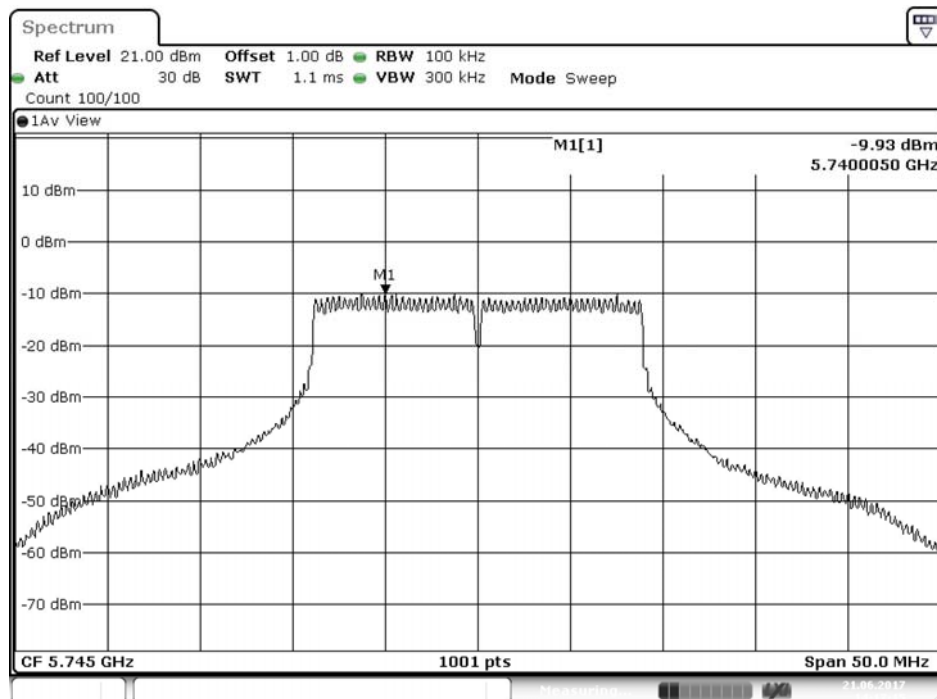
Date: 21.JUN.2017 13:33:40

## Channel 140 – Chain A



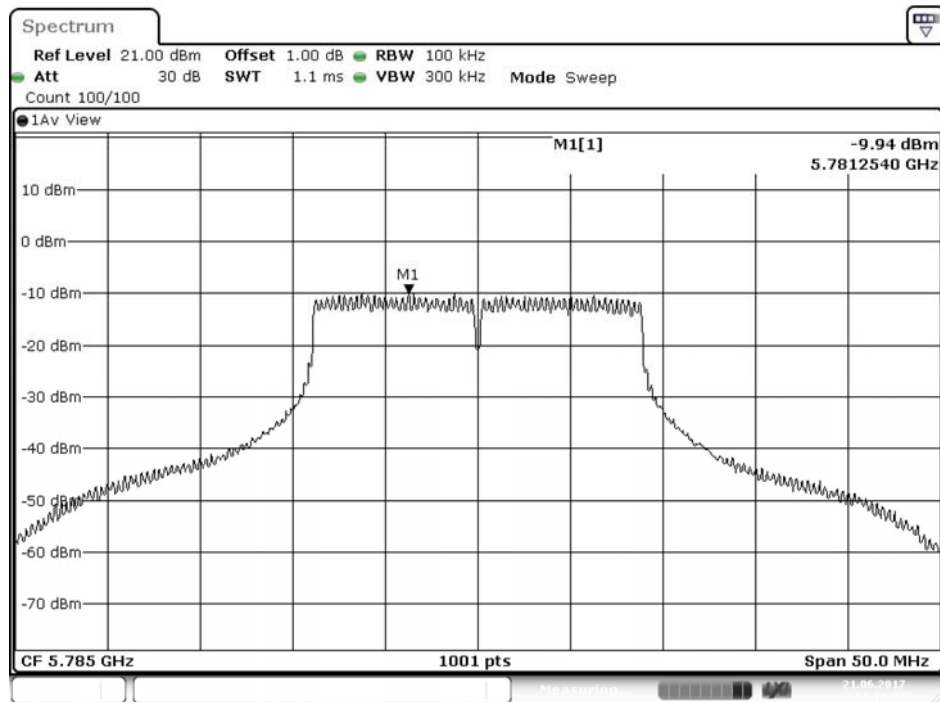
Date: 21.JUN.2017 13:36:12

## Channel 149 – Chain A



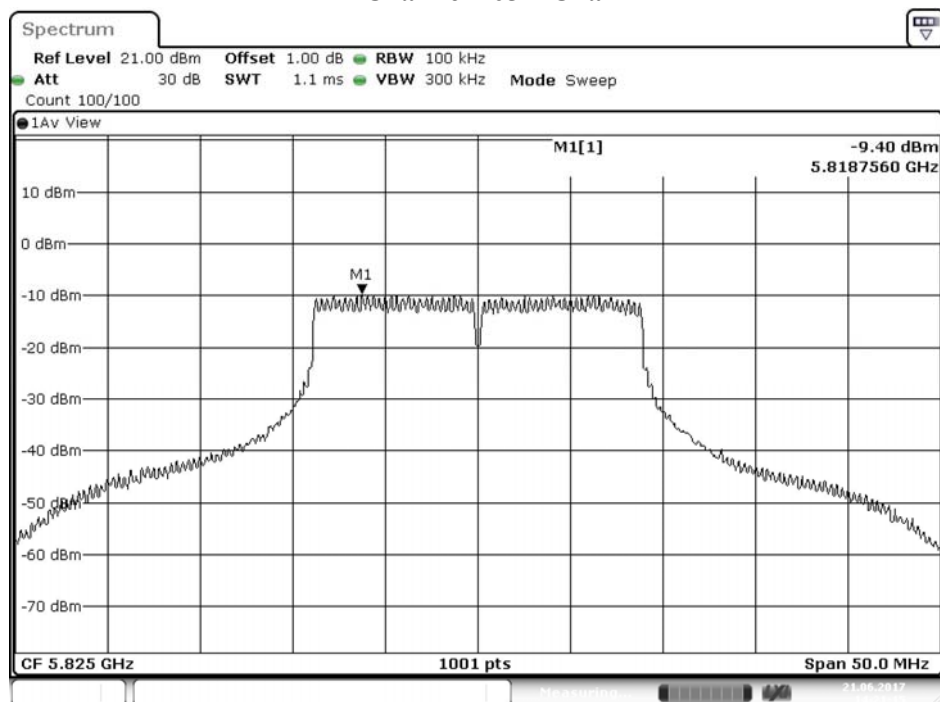
Date: 21.JUN.2017 14:17:16

## Channel 157 – Chain A



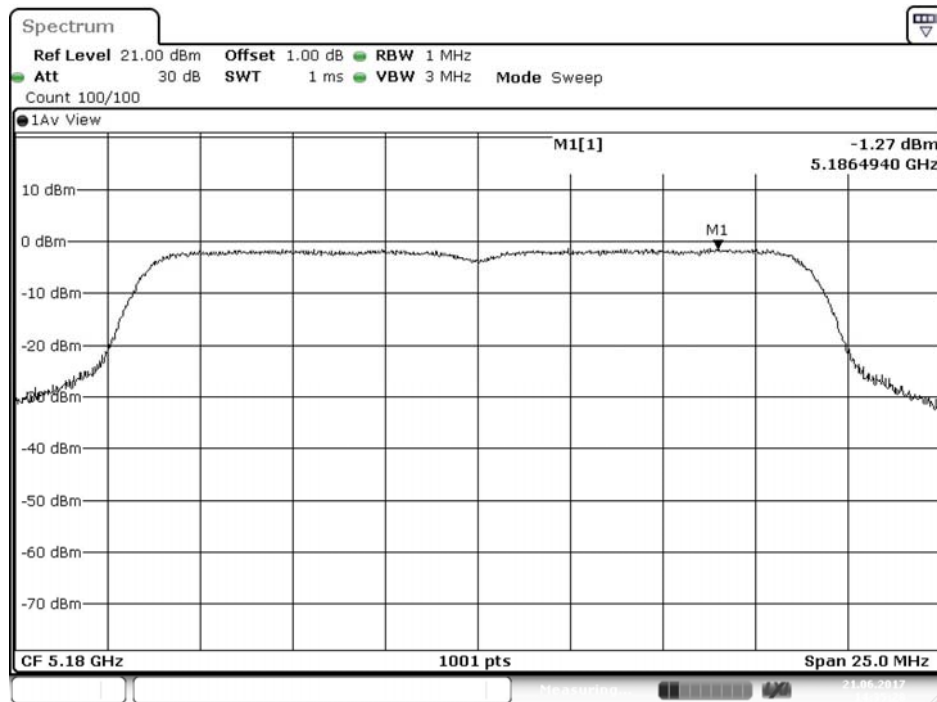
Date: 21.JUN.2017 14:19:27

## Channel 165 – Chain A



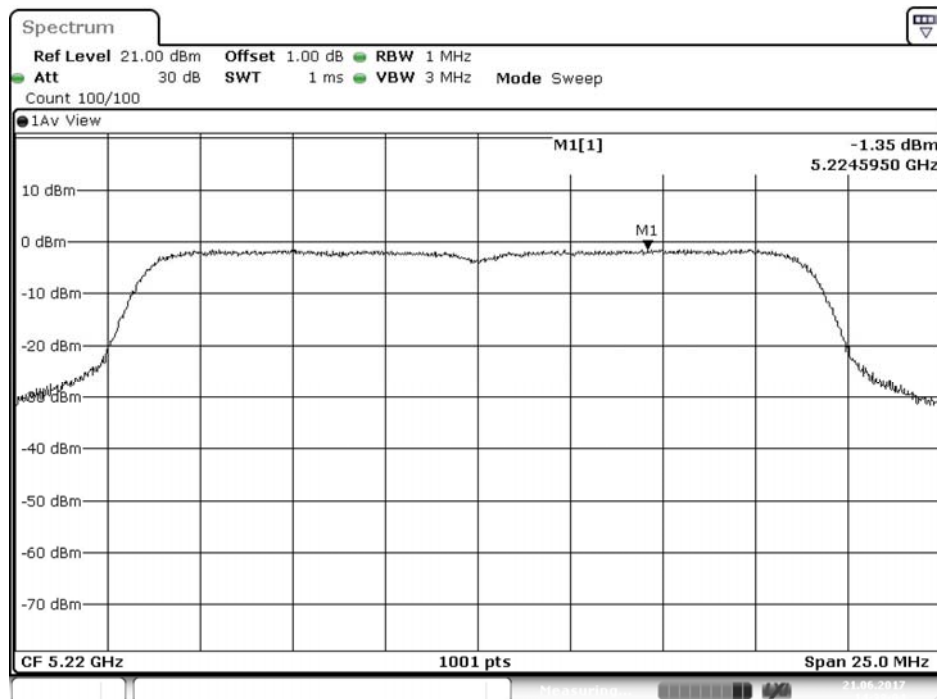
Date: 21.JUN.2017 14:21:15

## Channel 36 – Chain B



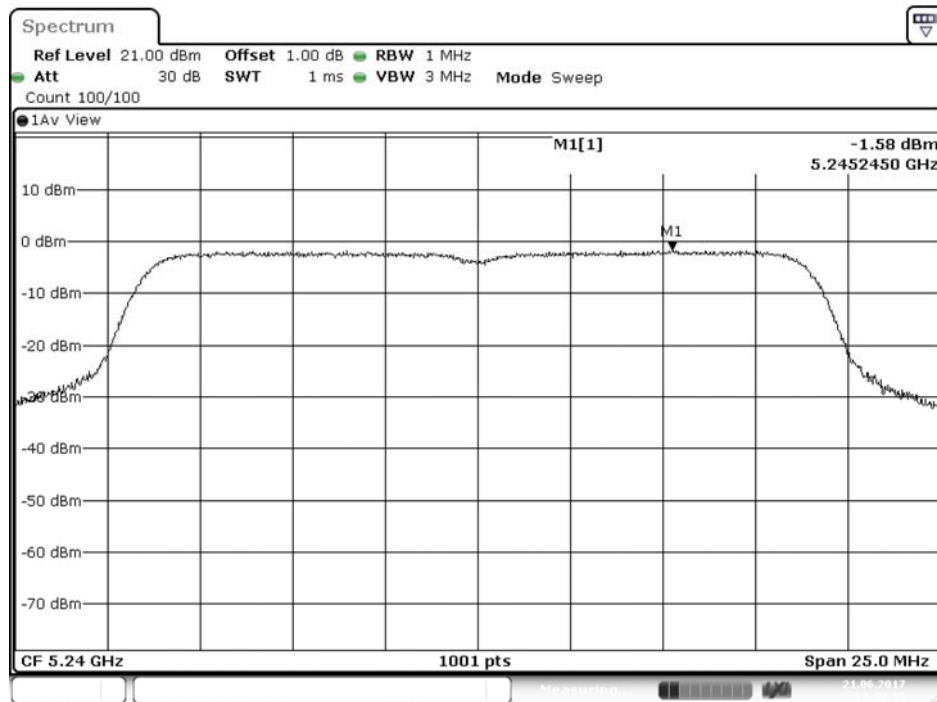
Date: 21.JUN.2017 14:35:28

## Channel 44 – Chain B



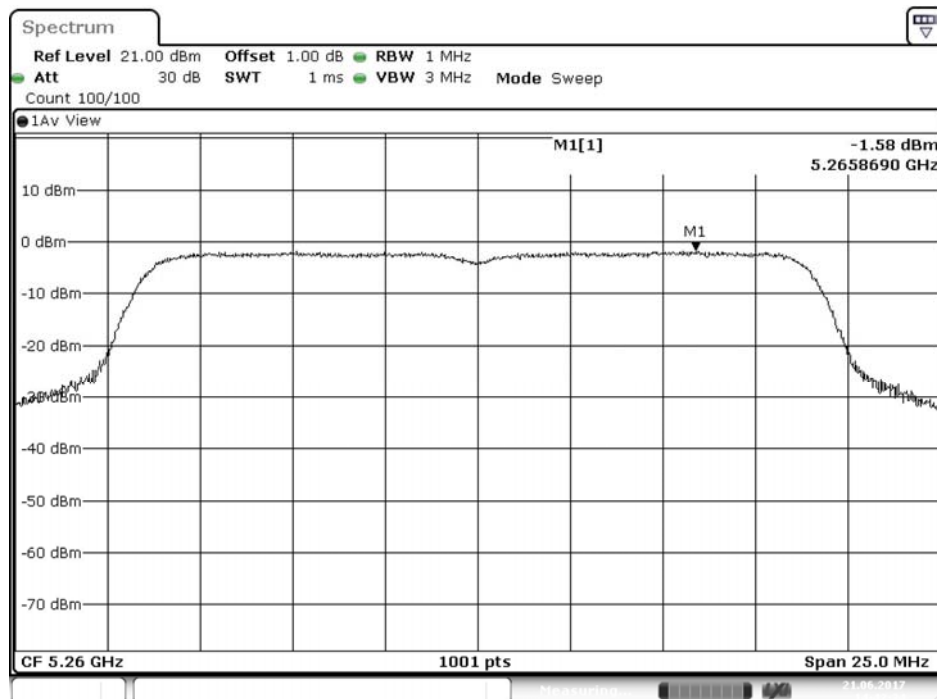
Date: 21.JUN.2017 14:38:04

## Channel 48 – Chain B



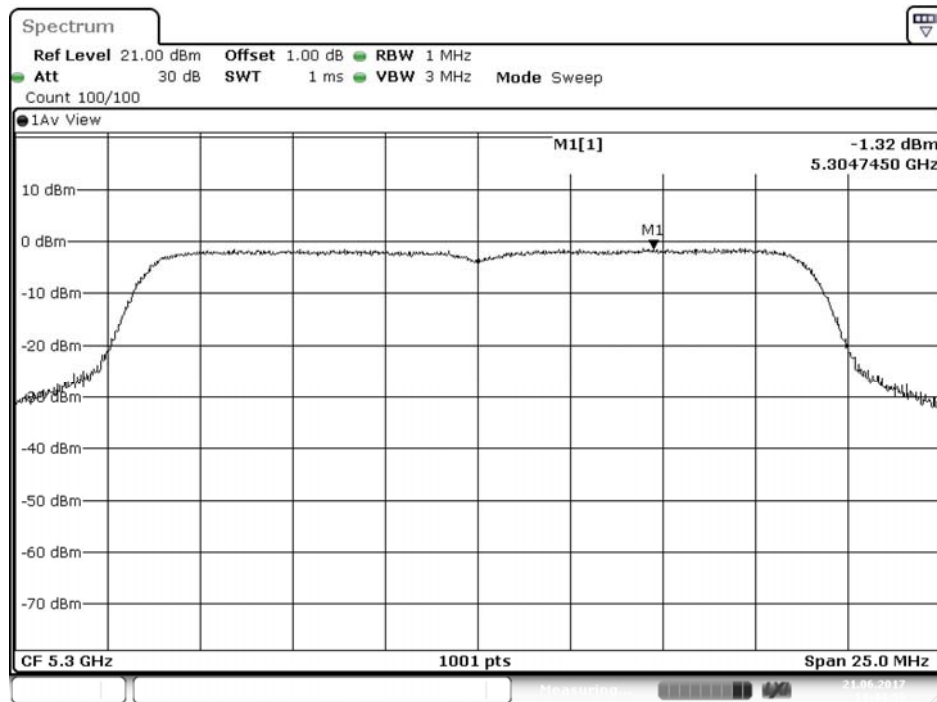
Date: 21.JUN.2017 14:40:19

## Channel 52 – Chain B



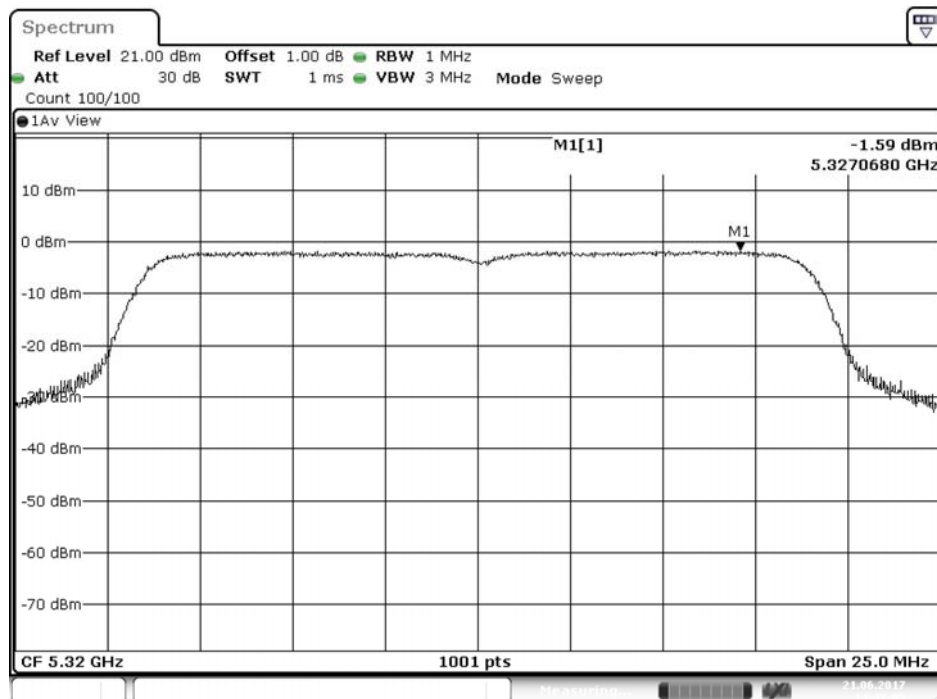
Date: 21.JUN.2017 14:42:35

## Channel 60 – Chain B



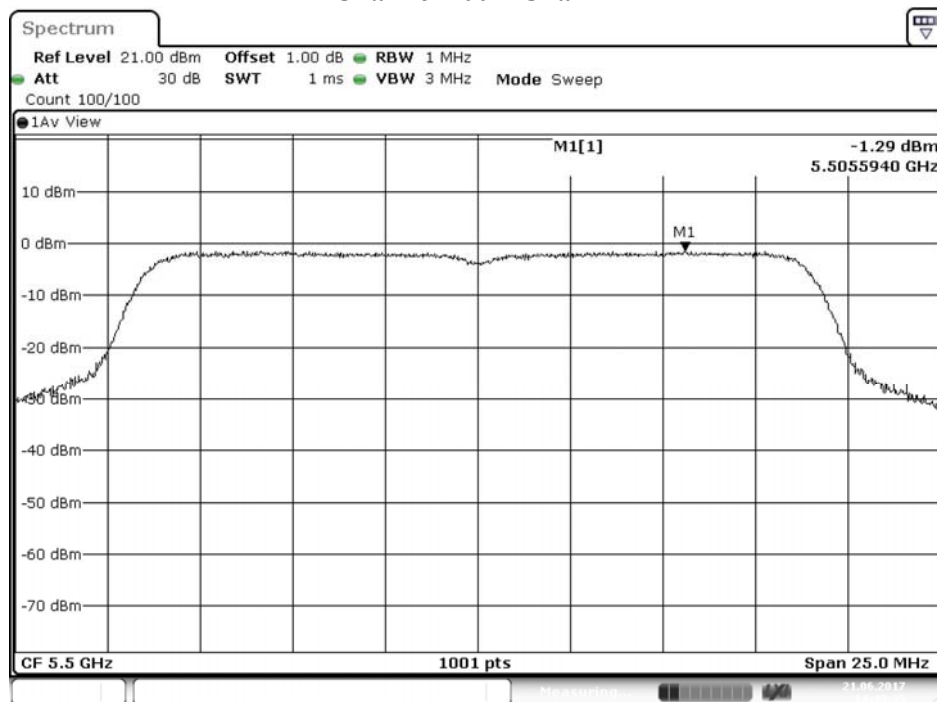
Date: 21.JUN.2017 14:44:51

## Channel 64 – Chain B



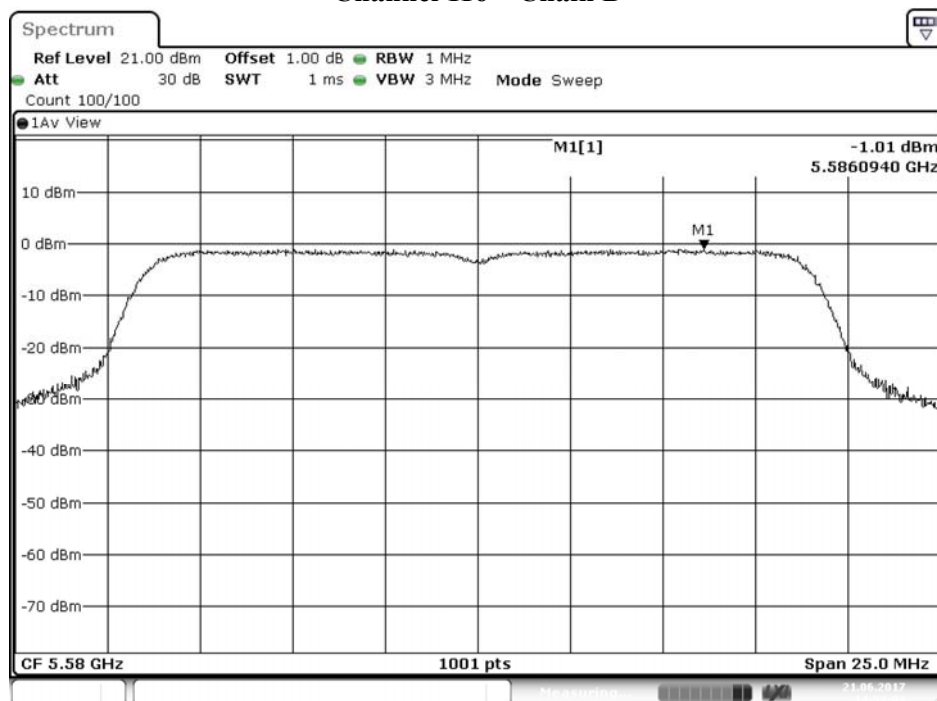
Date: 21.JUN.2017 14:47:06

## Channel 100 – Chain B



Date: 21.JUN.2017 14:49:36

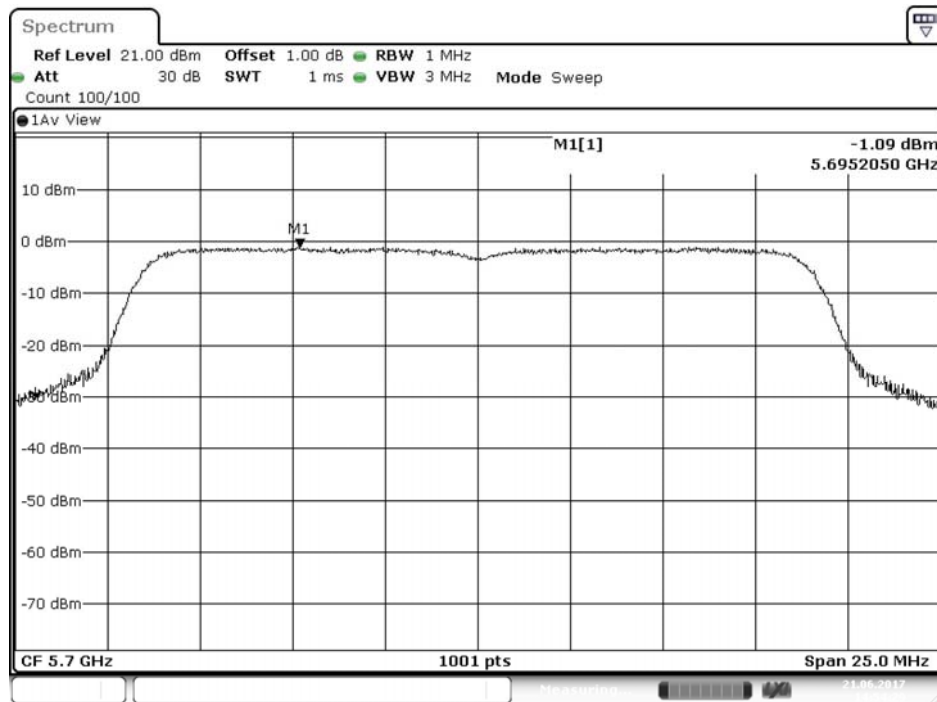
## Channel 116 – Chain B



Date: 21.JUN.2017 14:52:04

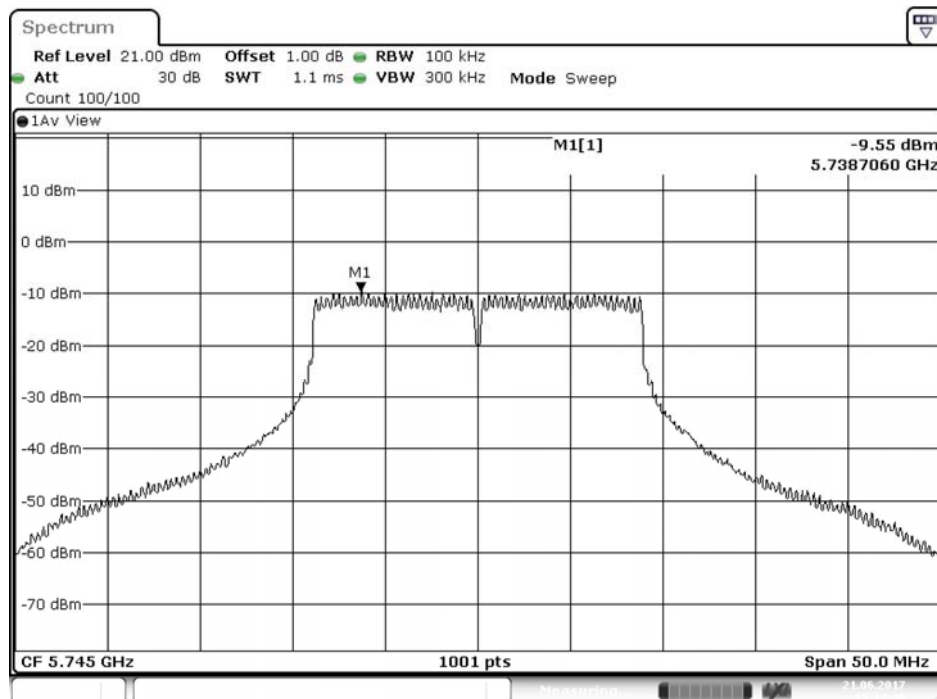


## Channel 140 – Chain B



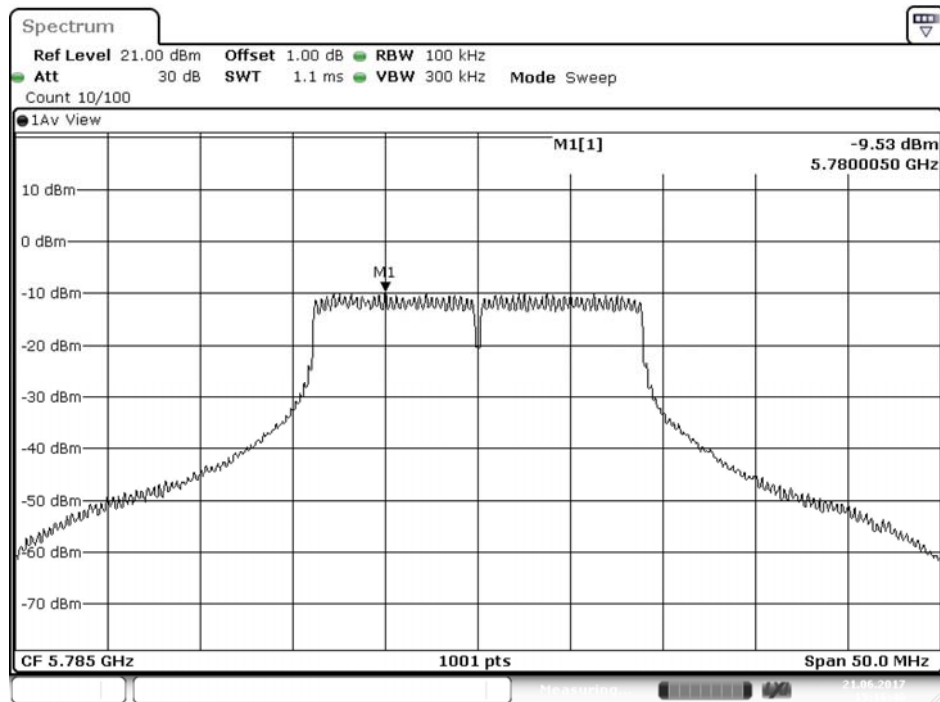
Date: 21.JUN.2017 14:54:29

## Channel 149 – Chain B



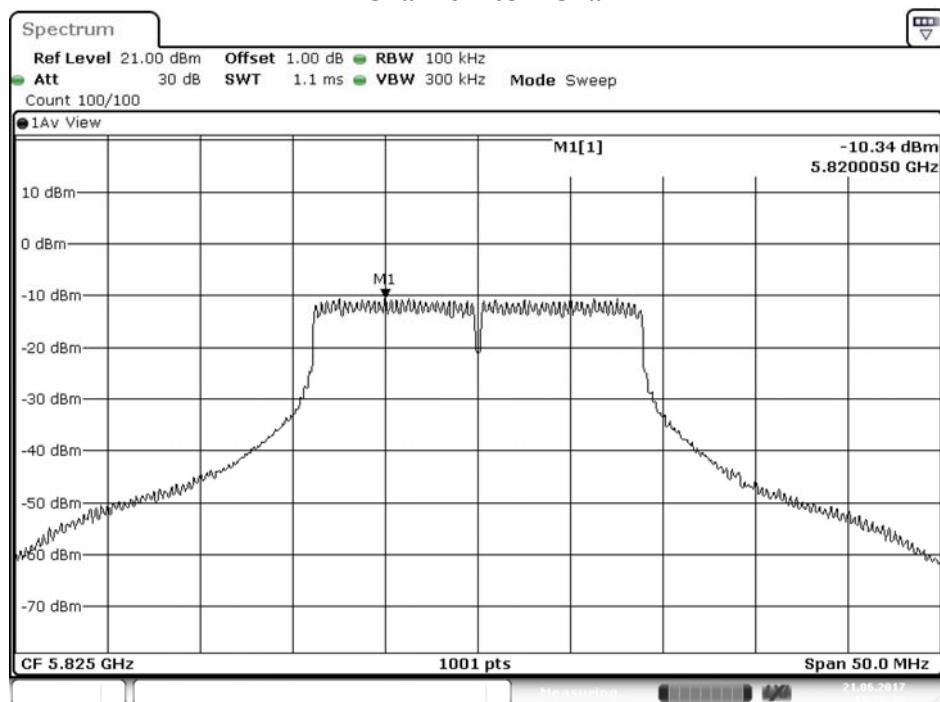
Date: 21.JUN.2017 15:14:50

## Channel 157 – Chain B



Date: 21 JUN 2017 15:16:40

## Channel 165 – Chain B



Date: 21 JUN 2017 15:20:39

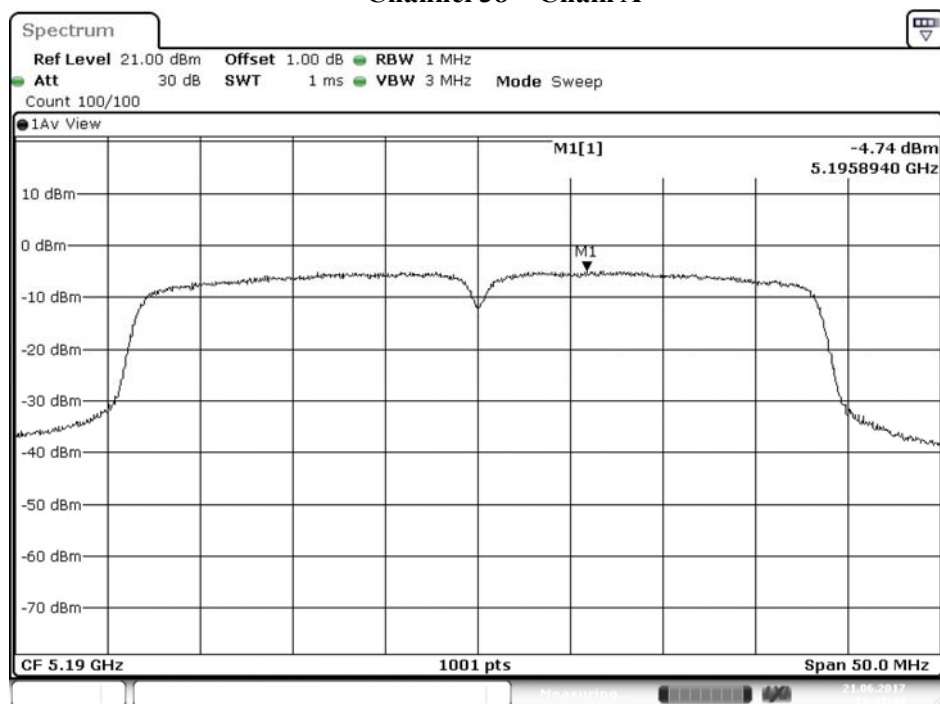
Product : Mobile Medical Assistant Tablet  
 Test Item : Peak Power Spectral Density  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps)  
 Test Date : 2017/06/21

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Total PSD (dBm) <sup>1</sup>	Required Limit (dBm)	Result
38	5190	A	-4.740	-1.730	9.81	Pass
		B	-4.620	-1.610	9.81	Pass
46	5230	A	-4.270	-1.260	9.81	Pass
		B	-4.320	-1.310	9.81	Pass
54	5270	A	-3.510	-0.500	9.70	Pass
		B	-4.430	-1.420	9.70	Pass
62	5310	A	-5.310	-2.300	9.70	Pass
		B	-5.680	-2.670	9.70	Pass
102	5510	A	-6.830	-3.820	9.56	Pass
		B	-6.850	-3.840	9.56	Pass
110	5550	A	-3.310	-0.300	9.56	Pass
		B	-3.270	-0.260	9.56	Pass
134	5670	A	-4.230	-1.220	9.56	Pass
		B	-3.330	-0.320	9.56	Pass

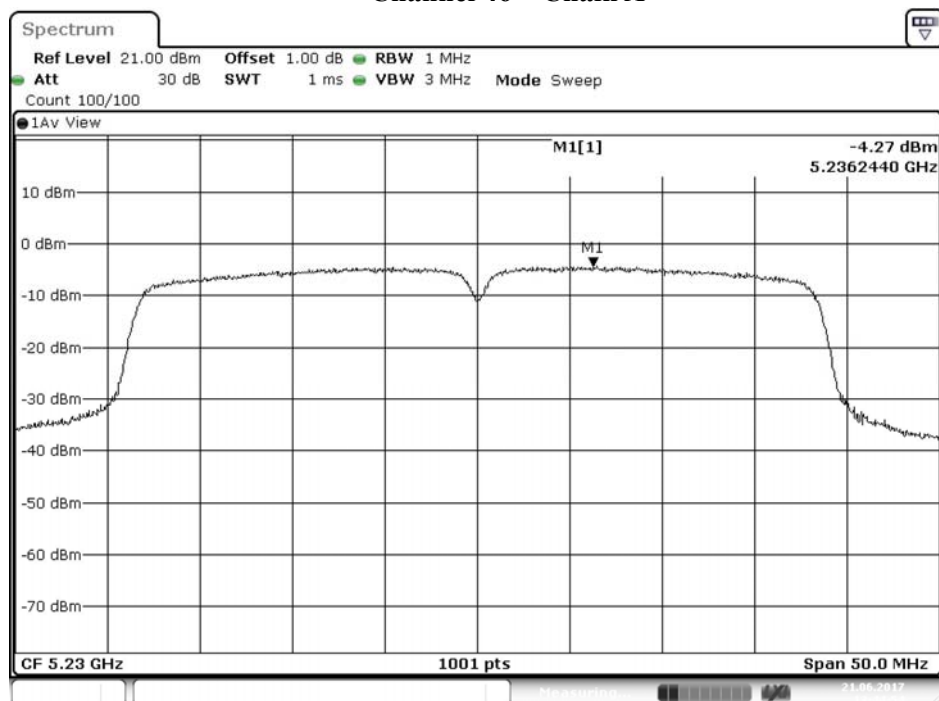
Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm) <sup>1</sup>	Required Limit (dBm)	Result
151	5755	A	-12.830	6.980	-2.840	<28.43	Pass
		B	-11.020	6.980	-1.030	<28.43	Pass
159	5795	A	-12.370	6.980	-2.380	<28.43	Pass
		B	-10.990	6.980	-1.000	<28.43	Pass

Note 1: The quantity  $10 \cdot \log 2$  (two antennas) is added to the spectrum peak value according to document 662911 D01.

- The maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

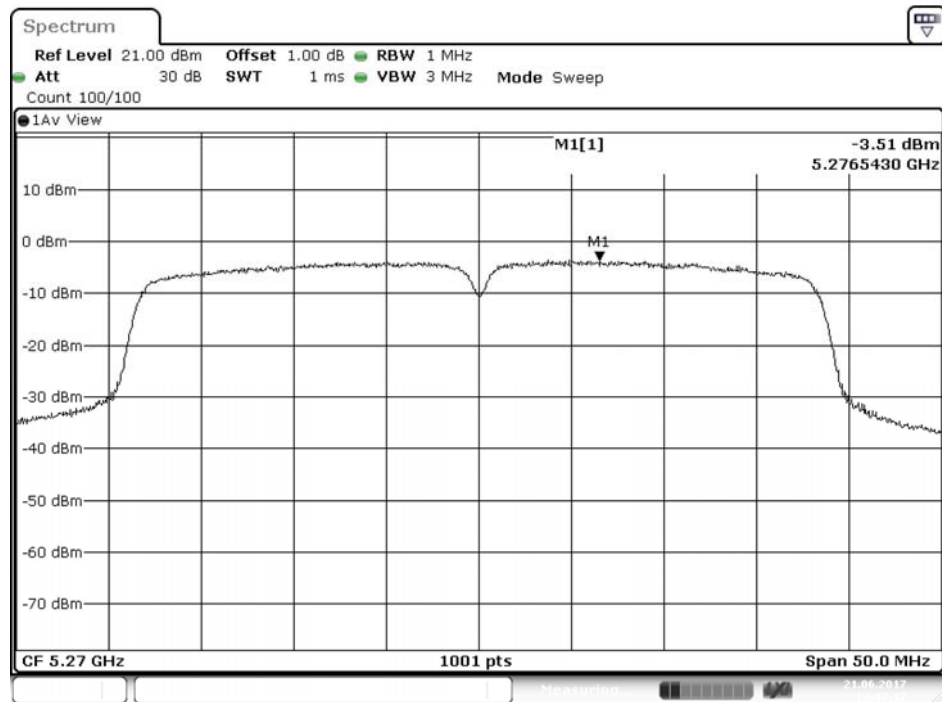


Date: 21.JUN.2017 13:41:44



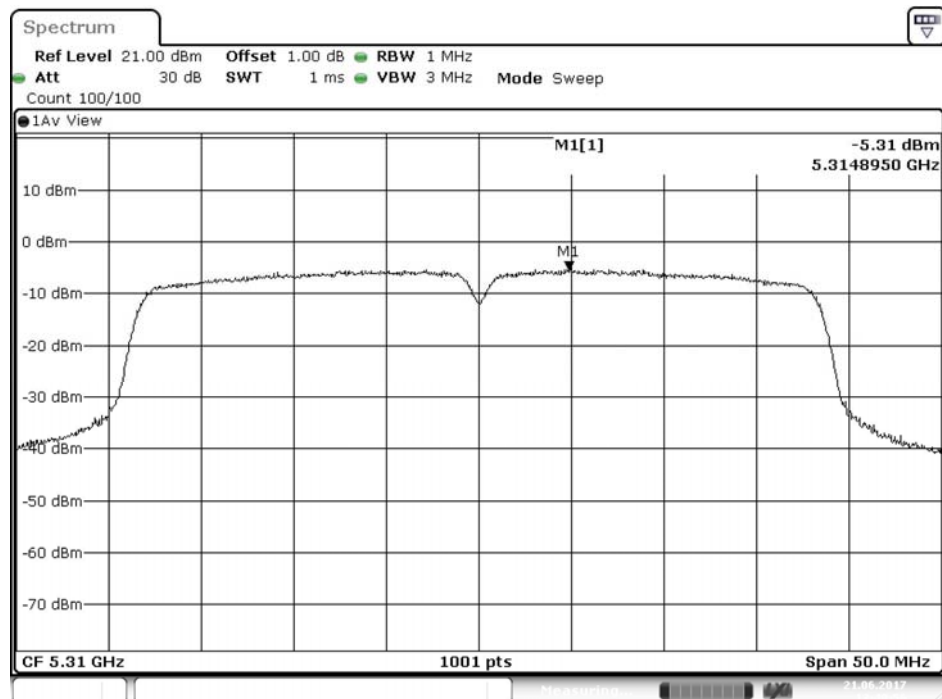
Date: 21.JUN.2017 13:44:54

## Channel 54 – Chain A



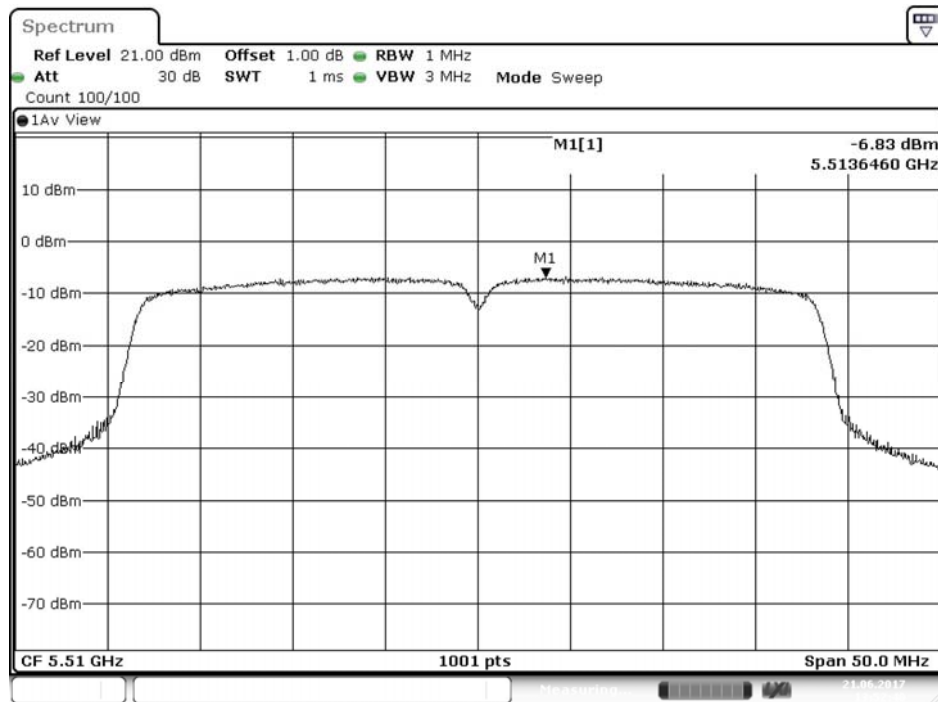
Date: 21.JUN.2017 13:47:17

## Channel 62 – Chain A



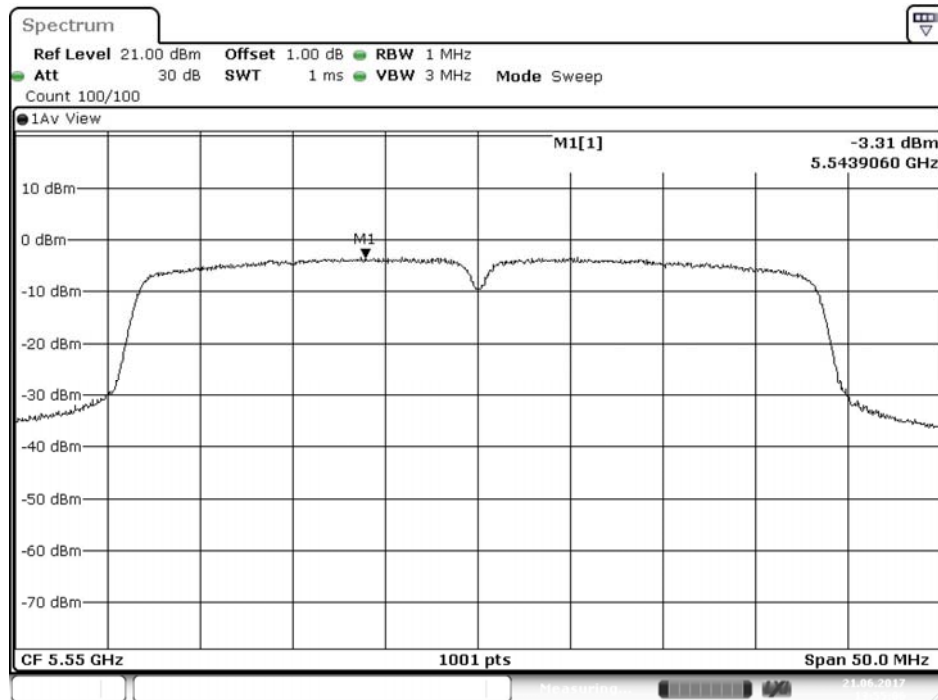
Date: 21.JUN.2017 13:49:57

## Channel 102 – Chain A



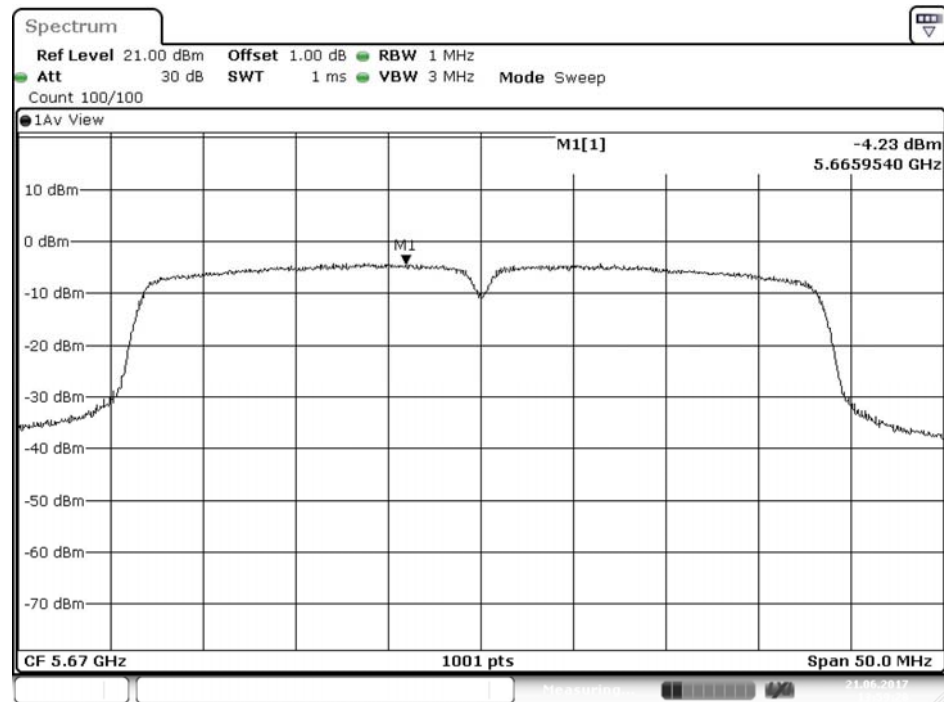
Date: 21.JUN.2017 13:52:41

## Channel 110 – Chain A



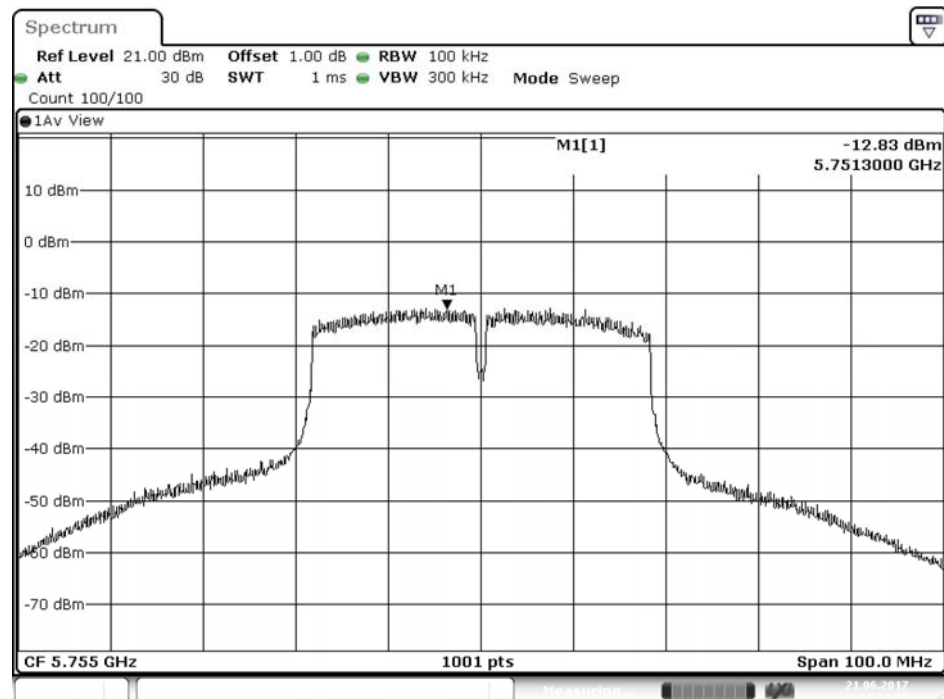
Date: 21.JUN.2017 13:55:06

## Channel 134 – Chain A



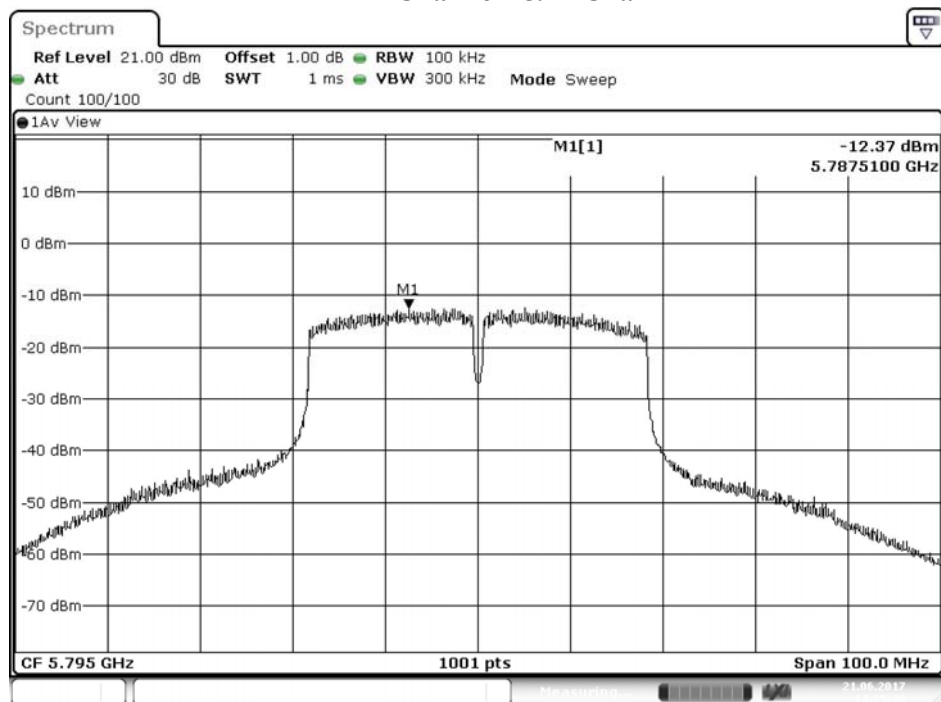
Date: 21.JUN.2017 13:59:28

## Channel 151 – Chain A



Date: 21.JUN.2017 14:23:38

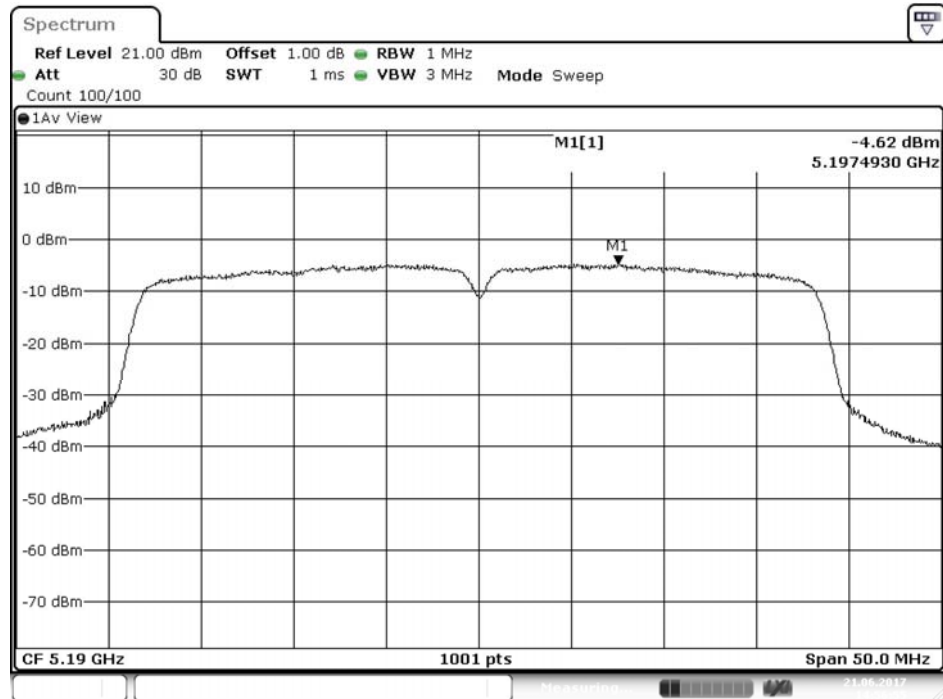
## Channel 159 – Chain A



Date: 21.JUN.2017 14:25:20

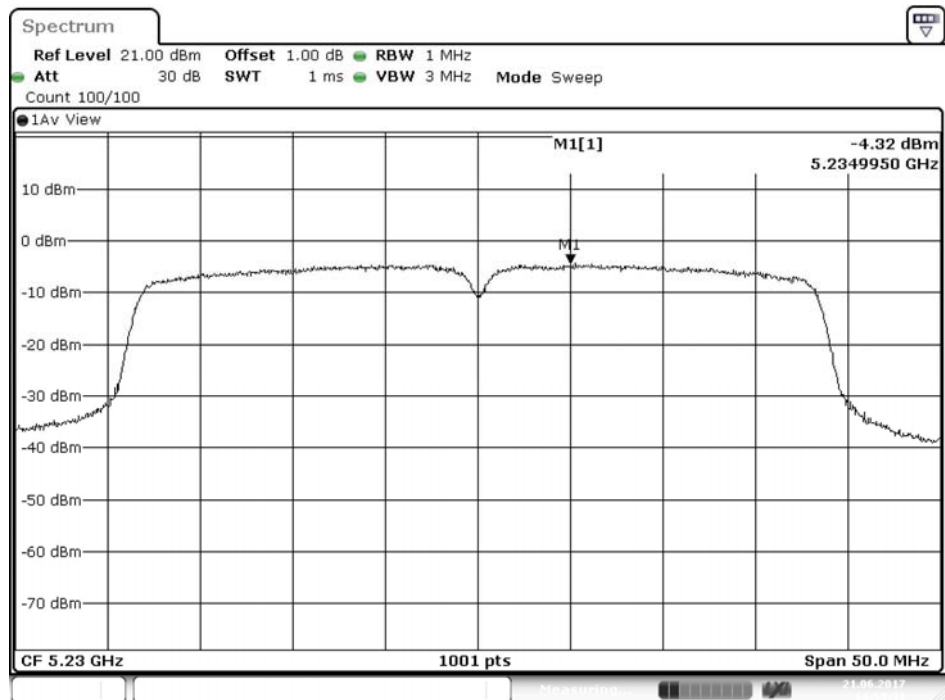


## Channel 38 – Chain B



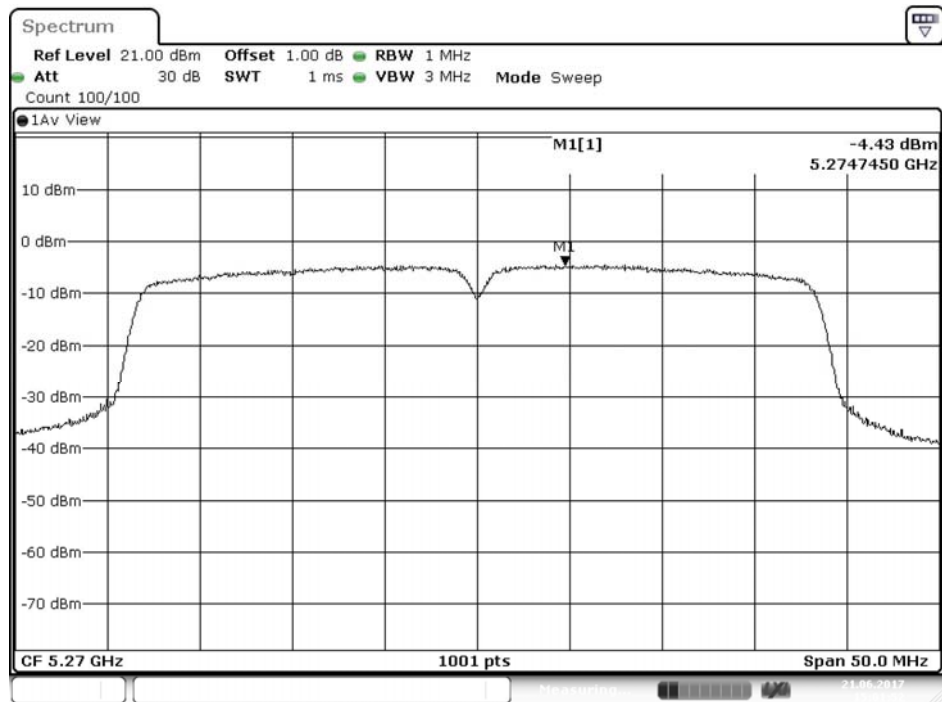
Date: 21.JUN.2017 14:56:56

## Channel 46 – Chain B



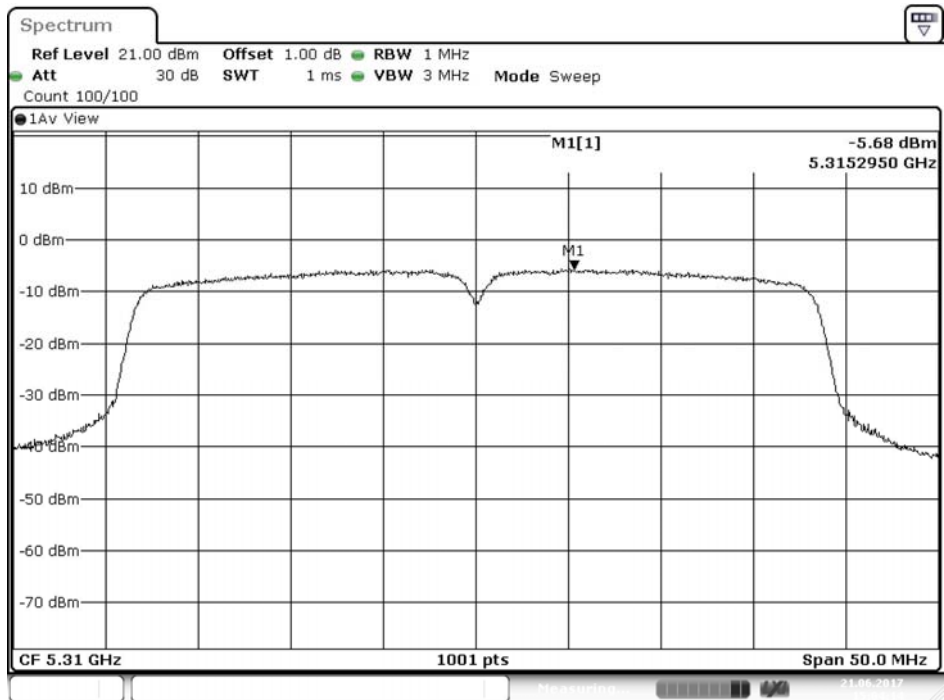
Date: 21.JUN.2017 14:59:32

## Channel 54 – Chain B



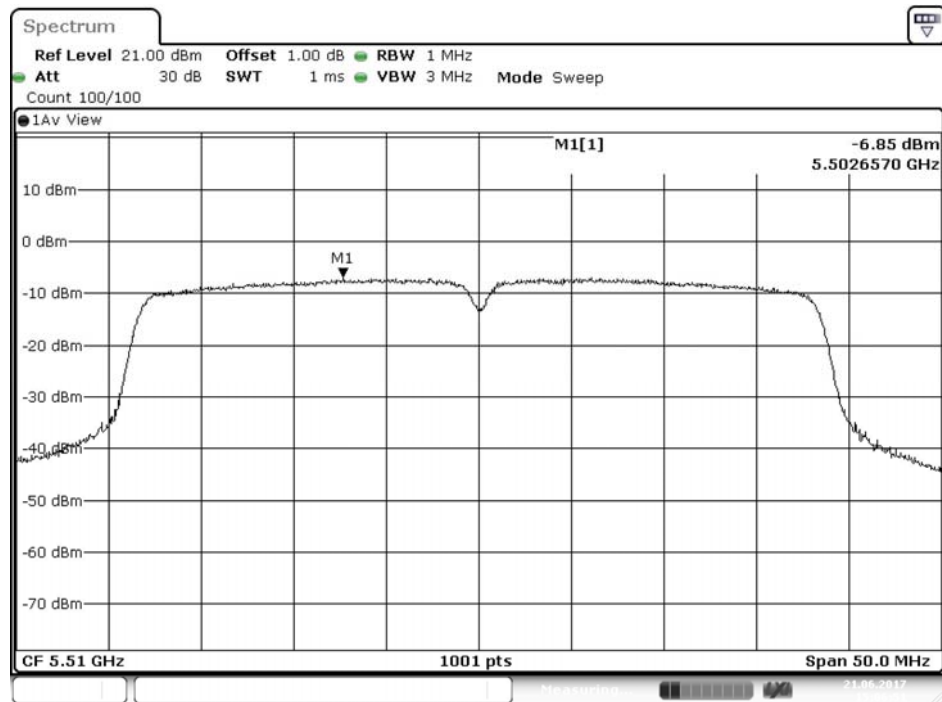
Date: 21.JUN.2017 15:01:53

## Channel 62 – Chain B



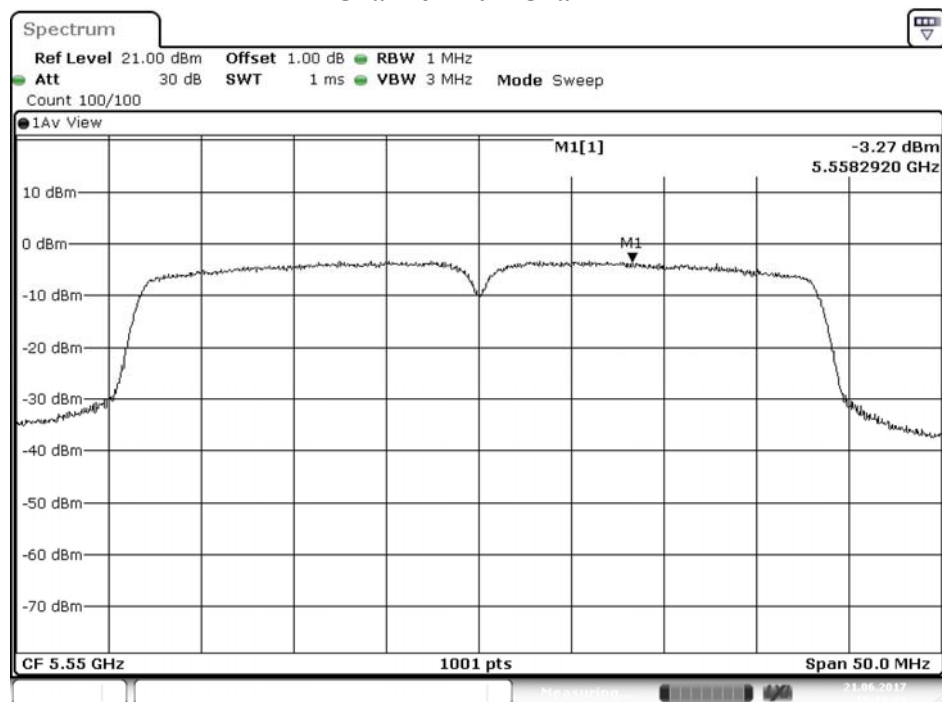
Date: 21.JUN.2017 15:04:14

## Channel 102 – Chain B



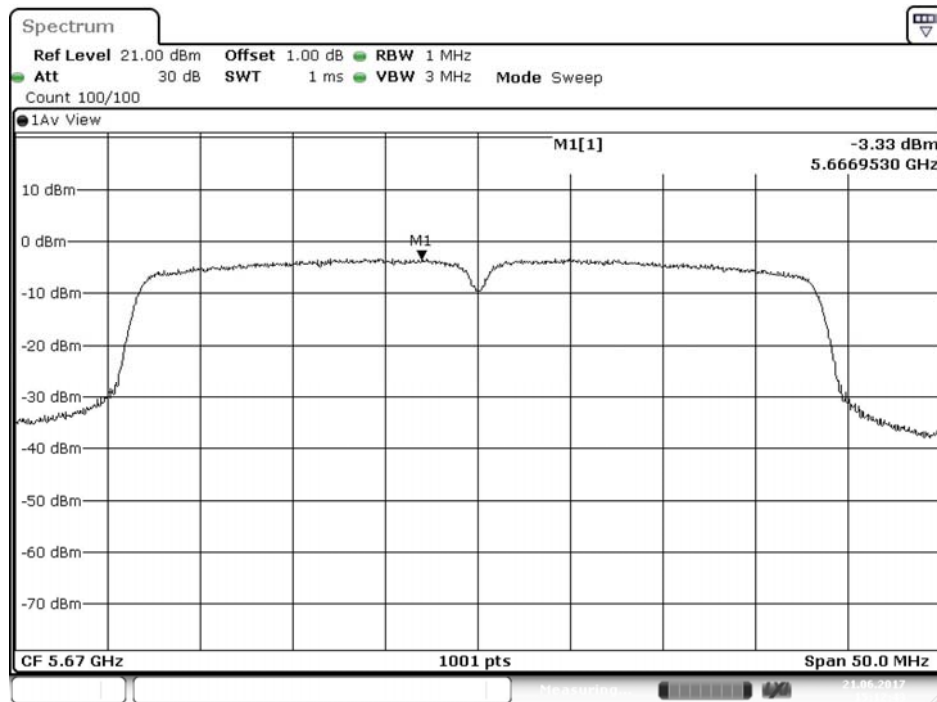
Date: 21.JUN.2017 15:06:51

## Channel 110 – Chain B



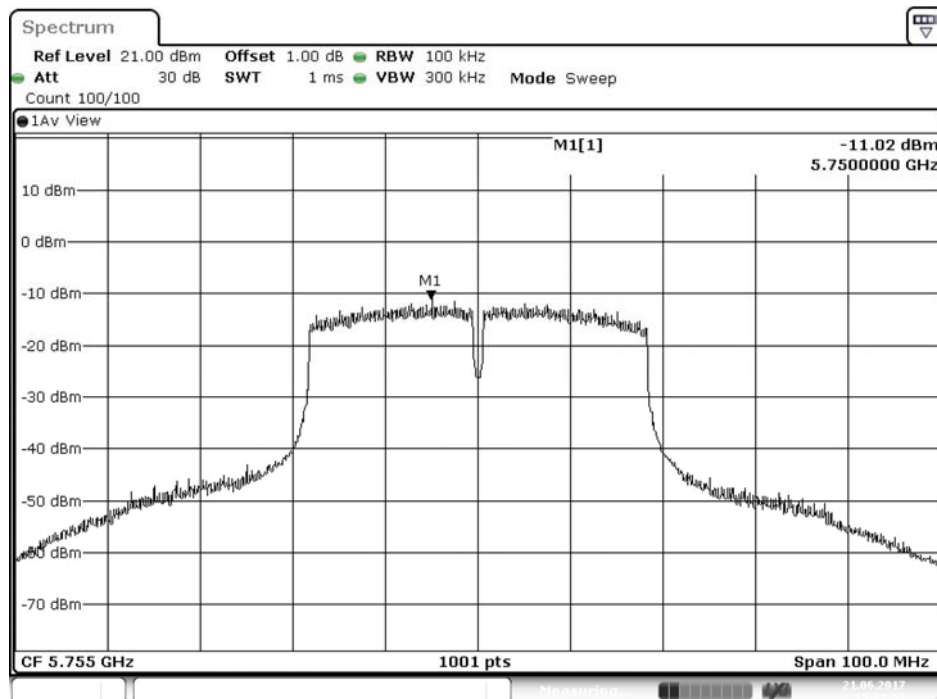
Date: 21.JUN.2017 15:10:28

## Channel 134 – Chain B



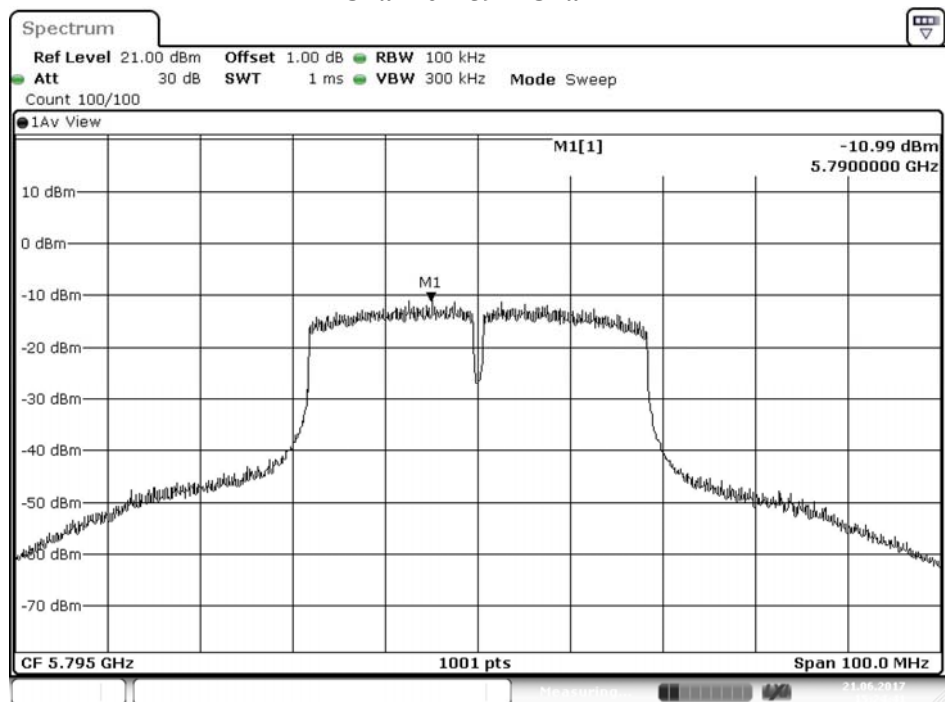
Date: 21.JUN.2017 15:12:43

## Channel 151 – Chain B



Date: 21.JUN.2017 15:22:57

## Channel 159 – Chain B

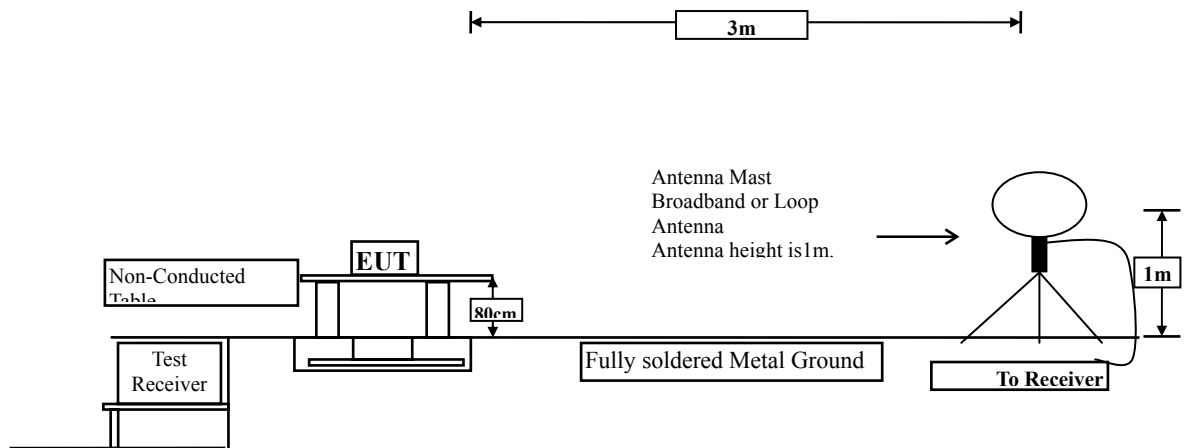


Date: 21.JUN.2017 15:24:41

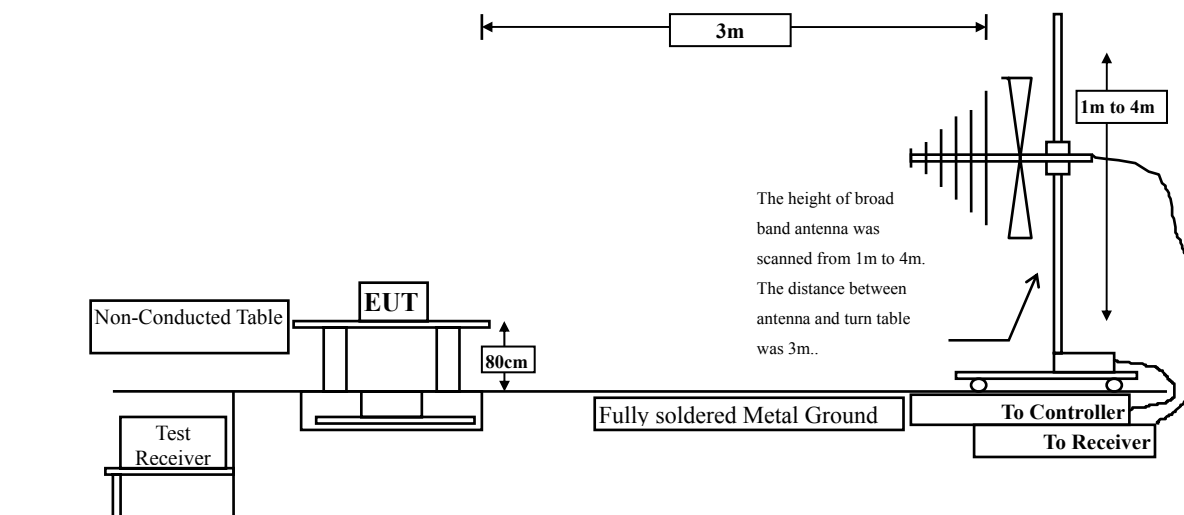
## 5. Radiated Emission

### 5.1. Test Setup

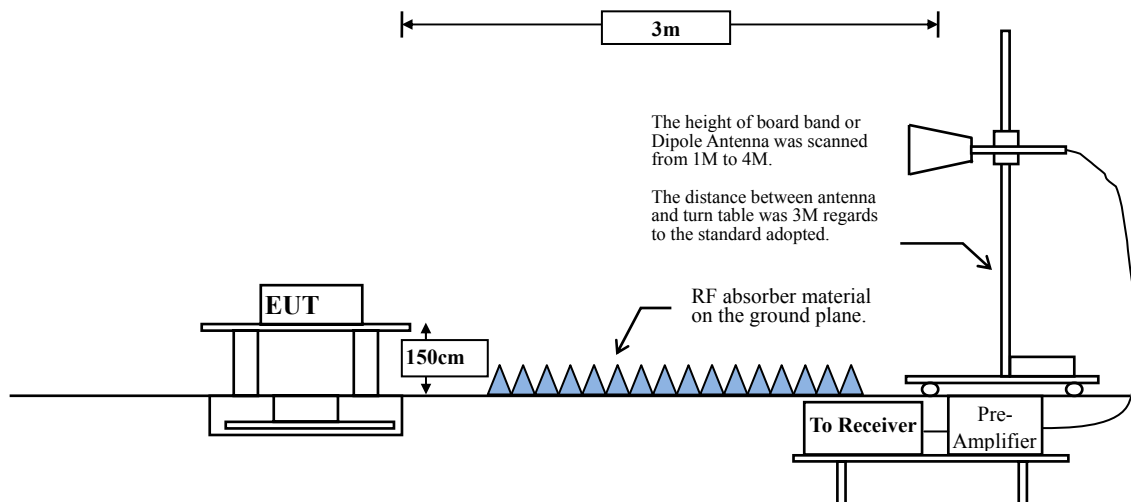
#### Radiated Emission Under 30MHz



#### Radiated Emission Below 1GHz



#### Radiated Emission Above 1GHz



## 5.2. Limits

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

<b>FCC Part 15 Subpart C Paragraph 15.209(a) Limits</b>		
Frequency MHz	Field strength (microvolts/meter)	Measurement distance (meter)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remarks: E field strength (dB $\mu$ V/m) = 20 log E field strength (uV/m)

### 5.3. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested according to FCC KDB-789033 test procedure for compliance to FCC 47CFR 15. 407 requirements.

Measuring the frequency range below 1GHz, the EUT is placed on a turn table which is 0.8 meter above ground, when measuring the frequency range above 1GHz, the EUT is placed on a turn table which is 1.5 meter above ground.

The turn table is rotated 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 is scanned between 1 meter and 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2013 on radiated measurement.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement.

The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna.

The measurement frequency range from 9kHz - 10th Harmonic of fundamental was investigated.

### 5.4. Uncertainty

Horizontal polarization :

30-300MHz:  $\pm 4.08\text{dB}$  ; 300M-1GHz:  $\pm 3.86\text{dB}$  ; 1-18GHz:  $\pm 3.77\text{dB}$  ; 18-40GHz:  $\pm 3.98\text{dB}$

Vertical polarization :

30-300MHz:  $\pm 4.81\text{dB}$  ; 300M-1GHz:  $\pm 3.87\text{dB}$  ; 1-18GHz :  $\pm 3.83\text{dB}$  ; 18-40GHz:  $\pm 3.98\text{dB}$



## 5.5. Test Result of Radiated Emission

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5180MHz)  
 Test Date : 2017/06/14

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10360.000	0.102	56.750	56.852	-17.148	74.000
<b>Average Detector:</b>					
10360.000	0.102	40.540	40.642	-13.358	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10360.000	0.102	59.820	59.922	-14.078	74.000
<b>Average Detector:</b>					
10360.000	0.102	43.770	43.872	-10.128	54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5220MHz)  
 Test Date : 2017/06/14

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10440.000	0.149	45.930	46.079	-27.921	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10440.000	0.149	46.060	46.209	-27.791	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5240MHz)  
 Test Date : 2017/06/14

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10480.000	0.181	57.290	57.470	-16.530	74.000
<b>Average Detector:</b>					
10480.000	0.181	41.880	42.060	-11.940	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10480.000	0.181	56.660	56.840	-17.160	74.000
<b>Average Detector:</b>					
10480.000	0.181	41.240	41.420	-12.580	54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5260MHz)  
 Test Date : 2017/06/14

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10520.000	0.205	46.030	46.235	-27.765	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10520.000	0.205	46.230	46.435	-27.565	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5300MHz)  
 Test Date : 2017/06/14

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10600.000	0.378	56.320	56.698	-17.302	74.000
<b>Average Detector:</b>					
10600.000	0.378	40.610	40.988	-13.012	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10600.000	0.378	51.010	51.388	-22.612	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5320MHz)  
 Test Date : 2017/06/14

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10640.000	0.516	49.530	50.047	-23.953	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10640.000	0.516	49.530	50.047	-23.953	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5500MHz)  
 Test Date : 2017/06/14

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11000.000	1.104	57.980	59.084	-14.916	74.000
<b>Average Detector:</b>					
11000.000	1.104	42.410	43.514	-10.486	54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11000.000	1.104	51.160	52.264	-21.736	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5580MHz)  
 Test Date : 2017/06/14

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11160.000	1.072	52.470	53.542	-20.458	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11160.000	1.072	52.470	53.542	-20.458	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5700MHz)  
 Test Date : 2017/06/14

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11400.000	1.388	52.160	53.548	-20.452	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11400.000	1.388	50.770	52.158	-21.842	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5745MHz)  
 Test Date : 2017/06/14

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11490.000	1.619	51.030	52.649	-21.351	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11490.000	1.619	45.700	47.319	-26.681	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5785MHz)  
 Test Date : 2017/06/14

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11570.000	1.728	49.670	51.398	-22.602	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11570.000	1.728	49.090	50.818	-23.182	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5825MHz)  
 Test Date : 2017/06/14

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11650.000	1.846	45.140	46.986	-27.014	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11650.000	1.846	45.760	47.606	-26.394	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5180MHz)  
 Test Date : 2017/06/14

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10360.000	0.102	47.980	48.082	-25.918	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10360.000	0.102	49.260	49.362	-24.638	74.000
<b>Average Detector:</b>					
--					54.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5220MHz)  
 Test Date : 2017/06/14

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10440.000	0.149	51.100	51.249	-22.751	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10440.000	0.149	51.100	51.249	-22.751	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5240MHz)  
 Test Date : 2017/06/14

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10480.000	0.181	51.390	51.570	-22.430	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10480.000	0.181	49.510	49.690	-24.310	74.000
<b>Average Detector:</b>					
--					54.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5260MHz)  
 Test Date : 2017/06/14

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10520.000	0.205	52.390	52.595	-21.405	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10520.000	0.205	49.380	49.585	-24.415	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5300MHz)  
 Test Date : 2017/06/15

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10600.000	0.378	50.450	50.828	-23.172	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10600.000	0.378	50.320	50.698	-23.302	74.000
<b>Average Detector:</b>					
--					54.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5320MHz)  
 Test Date : 2017/06/15

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10640.000	0.516	50.200	50.717	-23.283	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10640.000	0.516	50.580	51.097	-22.903	74.000
<b>Average Detector:</b>					
--					54.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)  
 Test Date : 2017/06/15

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11000.000	1.104	49.500	50.604	-23.396	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11000.000	1.104	48.160	49.264	-24.736	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5580MHz)  
 Test Date : 2017/06/15

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11160.000	1.072	50.950	52.022	-21.978	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11160.000	1.072	49.900	50.972	-23.028	74.000
<b>Average Detector:</b>					
--					54.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5700MHz)  
 Test Date : 2017/06/15

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11400.000	1.388	49.210	50.598	-23.402	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11400.000	1.388	48.800	50.188	-23.812	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)  
 Test Date : 2017/06/15

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11490.000	1.619	47.080	48.699	-25.301	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11490.000	1.619	47.640	49.259	-24.741	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)  
 Test Date : 2017/06/15

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11570.000	1.728	47.440	49.168	-24.832	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11570.000	1.728	48.780	50.508	-23.492	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)  
 Test Date : 2017/06/15

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11650.000	1.846	48.710	50.556	-23.444	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11650.000	1.846	48.310	50.156	-23.844	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5190MHz)  
 Test Date : 2017/06/15

Frequency MHz	Correct Factor dB	Reading Level dB $\mu$ V	Measurement Level dB $\mu$ V/m	Margin dB	Limit dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10380.000	0.131	49.500	49.631	-24.369	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10380.000	0.131	47.260	47.391	-26.609	74.000
<b>Average Detector:</b>					
--					54.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5230MHz)  
 Test Date : 2017/06/15

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10460.000	0.150	49.080	49.230	-24.770	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10460.000	0.150	48.180	48.330	-25.670	74.000
<b>Average Detector:</b>					
--					54.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5270MHz)  
 Test Date : 2017/06/15

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10540.000	0.296	50.320	50.616	-23.384	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10540.000	0.296	48.880	49.176	-24.824	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5310MHz)  
 Test Date : 2017/06/15

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
10620.000	0.444	51.100	51.544	-22.456	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
10620.000	0.444	51.160	51.604	-22.396	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5510MHz)  
 Test Date : 2017/06/15

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11020.000	1.101	46.320	47.421	-26.579	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11020.000	1.101	49.970	51.071	-22.929	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5550MHz)  
 Test Date : 2017/06/15

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11100.000	1.086	49.610	50.696	-23.304	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11100.000	1.086	50.180	51.266	-22.734	74.000
<b>Average Detector:</b>					
--					54.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5670MHz)  
 Test Date : 2017/06/15

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11340.000	1.272	49.310	50.582	-23.418	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11340.000	1.272	48.870	50.142	-23.858	74.000
<b>Average Detector:</b>					
--					54.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5755MHz)  
 Test Date : 2017/06/15

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11340.000	1.272	48.870	50.142	-23.858	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11510.000	1.620	46.900	48.521	-25.479	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.



Product : Mobile Medical Assistant Tablet  
 Test Item : Harmonic Radiated Emission Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5795MHz)  
 Test Date : 2017/06/15

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector:</b>					
11590.000	1.753	47.500	49.253	-24.747	74.000
<b>Average Detector:</b>					
--					54.000
<b>Vertical</b>					
<b>Peak Detector:</b>					
11590.000	1.753	47.110	48.863	-25.137	74.000
<b>Average Detector:</b>					
--					54.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Mobile Medical Assistant Tablet  
 Test Item : General Radiated Emission  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5220MHz)  
 Test Date : 2017/06/21

Frequency MHz	Correct Factor dB	Reading Level dBμV	Measurement Level dBμV/m	Margin dB	Limit dBμV/m
<b>Horizontal</b>					
<b>Peak Detector</b>					
156.522	-10.941	39.754	28.813	-14.687	43.500
263.362	-11.772	35.967	24.195	-21.805	46.000
384.261	-8.432	42.459	34.026	-11.974	46.000
554.362	-5.137	33.046	27.910	-18.090	46.000
703.377	-2.986	30.262	27.276	-18.724	46.000
880.507	-0.573	31.574	31.001	-14.999	46.000
<b>Vertical</b>					
<b>Peak Detector</b>					
148.087	-11.165	34.934	23.769	-19.731	43.500
297.101	-10.456	32.216	21.760	-24.240	46.000
425.029	-7.461	33.622	26.162	-19.838	46.000
559.986	-5.002	34.149	29.147	-16.853	46.000
701.971	-3.013	25.766	22.753	-23.247	46.000
865.043	-0.772	33.524	32.752	-13.248	46.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Mobile Medical Assistant Tablet  
 Test Item : General Radiated Emission  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5300MHz)  
 Test Date : 2017/06/21

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector</b>					
148.087	-11.165	36.877	25.712	-17.788	43.500
290.072	-10.687	36.943	26.256	-19.744	46.000
432.058	-7.289	32.464	25.175	-20.825	46.000
567.014	-4.836	26.167	21.332	-24.668	46.000
716.029	-2.741	27.957	25.216	-20.784	46.000
872.072	-0.681	24.203	23.522	-22.478	46.000
<b>Vertical</b>					
<b>Peak Detector</b>					
155.116	-10.974	37.220	26.246	-17.254	43.500
276.014	-11.092	36.998	25.906	-20.094	46.000
418.000	-7.633	36.861	29.228	-16.772	46.000
559.986	-5.002	27.071	22.069	-23.931	46.000
701.971	-3.013	36.953	33.940	-12.060	46.000
850.986	-0.953	23.764	22.810	-23.190	46.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Mobile Medical Assistant Tablet  
 Test Item : General Radiated Emission  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5580MHz)  
 Test Date : 2017/06/21

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector</b>					
155.116	-10.974	37.220	26.246	-17.254	43.500
297.101	-10.456	37.420	26.964	-19.036	46.000
439.087	-7.118	37.736	30.617	-15.383	46.000
588.101	-4.337	28.519	24.182	-21.818	46.000
730.087	-2.468	36.259	33.791	-12.209	46.000
879.101	-0.591	24.709	24.118	-21.882	46.000
<b>Vertical</b>					
<b>Peak Detector</b>					
153.710	-11.010	40.142	29.133	-14.367	43.500
288.667	-10.720	37.586	26.866	-19.134	46.000
423.623	-7.494	37.069	29.574	-16.426	46.000
572.638	-4.701	27.633	22.931	-23.069	46.000
721.652	-2.631	36.945	34.313	-11.687	46.000
884.725	-0.518	26.963	26.445	-19.555	46.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Mobile Medical Assistant Tablet  
 Test Item : General Radiated Emission  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5785MHz)  
 Test Date : 2017/06/21

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector</b>					
146.681	-11.214	31.739	20.526	-22.974	43.500
288.667	-10.720	37.586	26.866	-19.134	46.000
430.652	-7.324	37.359	30.035	-15.965	46.000
579.667	-4.536	25.766	21.230	-24.770	46.000
735.710	-2.359	36.962	34.602	-11.398	46.000
884.725	-0.518	23.056	22.538	-23.462	46.000
<b>Vertical</b>					
<b>Peak Detector</b>					
160.739	-10.884	30.907	20.024	-23.476	43.500
281.638	-10.881	38.030	27.149	-18.851	46.000
409.565	-7.843	37.385	29.543	-16.457	46.000
558.580	-5.035	26.566	21.531	-24.469	46.000
693.536	-3.142	36.906	33.764	-12.236	46.000
814.435	-1.500	24.598	23.098	-22.902	46.000

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Mobile Medical Assistant Tablet  
 Test Item : General Radiated Emission  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5220MHz)  
 Test Date : 2017/06/21

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector</b>					
146.681	-11.214	30.239	19.026	-24.474	43.500
281.638	-10.881	38.047	27.166	-18.834	46.000
395.507	-8.178	37.595	29.418	-16.582	46.000
537.493	-5.437	28.884	23.447	-22.553	46.000
707.594	-2.905	37.551	34.646	-11.354	46.000
856.609	-0.880	26.402	25.522	-20.478	46.000
<b>Vertical</b>					
<b>Peak Detector</b>					
153.710	-11.010	41.664	30.655	-12.845	43.500
309.754	-10.131	37.433	27.301	-18.699	46.000
451.739	-6.822	37.259	30.438	-15.562	46.000
600.754	-4.051	25.771	21.721	-24.279	46.000
721.652	-2.631	37.782	35.150	-10.850	46.000
891.754	-0.427	23.537	23.110	-22.890	46.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Mobile Medical Assistant Tablet  
 Test Item : General Radiated Emission  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5300MHz)  
 Test Date : 2017/06/21

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector</b>					
153.710	-11.010	37.064	26.055	-17.445	43.500
260.551	-11.949	37.631	25.682	-20.318	46.000
409.565	-7.843	37.385	29.543	-16.457	46.000
572.638	-4.701	22.759	18.057	-27.943	46.000
707.594	-2.905	37.551	34.646	-11.354	46.000
856.609	-0.880	26.402	25.522	-20.478	46.000
<b>Vertical</b>					
<b>Peak Detector</b>					
166.362	-11.084	39.970	28.886	-14.614	43.500
266.174	-11.594	35.915	24.321	-21.679	46.000
380.043	-8.529	36.963	28.434	-17.566	46.000
515.000	-5.790	27.243	21.453	-24.547	46.000
671.043	-3.458	35.907	32.450	-13.550	46.000
848.174	-0.993	26.063	25.070	-20.930	46.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Mobile Medical Assistant Tablet  
 Test Item : General Radiated Emission  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5580MHz)  
 Test Date : 2017/06/21

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector</b>					
148.087	-11.165	41.221	30.056	-13.444	43.500
283.043	-10.848	36.276	25.427	-20.573	46.000
410.971	-7.806	37.475	29.668	-16.332	46.000
545.928	-5.304	25.772	20.469	-25.531	46.000
680.884	-3.319	37.298	33.979	-12.021	46.000
836.928	-1.163	23.302	22.139	-23.861	46.000
<b>Vertical</b>					
<b>Peak Detector</b>					
148.087	-11.165	36.621	25.456	-18.044	43.500
268.986	-11.417	37.581	26.164	-19.836	46.000
389.884	-8.305	36.383	28.079	-17.921	46.000
538.899	-5.414	25.248	19.833	-26.167	46.000
709.000	-2.878	36.438	33.560	-12.440	46.000
858.014	-0.862	26.814	25.952	-20.048	46.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.



Product : Mobile Medical Assistant Tablet  
 Test Item : General Radiated Emission  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)  
 Test Date : 2017/06/21

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector</b>					
148.087	-11.165	42.221	31.056	-12.444	43.500
276.014	-11.092	36.849	25.757	-20.243	46.000
403.942	-7.979	37.803	29.823	-16.177	46.000
595.130	-4.171	27.338	23.167	-22.833	46.000
723.058	-2.605	36.808	34.203	-11.797	46.000
850.986	-0.953	26.616	25.662	-20.338	46.000
<b>Vertical</b>					
<b>Peak Detector</b>					
141.058	-11.407	37.568	26.161	-17.339	43.500
268.986	-11.417	37.581	26.164	-19.836	46.000
389.884	-8.305	37.377	29.073	-16.927	46.000
524.841	-5.636	26.136	20.500	-25.500	46.000
701.971	-3.013	36.687	33.674	-12.326	46.000
858.014	-0.862	22.814	21.952	-24.048	46.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Mobile Medical Assistant Tablet  
 Test Item : General Radiated Emission  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5230MHz)  
 Test Date : 2017/06/21

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dBμV	dBμV/m	dB	dBμV/m
<b>Horizontal</b>					
<b>Peak Detector</b>					
162.145	-10.934	37.420	26.486	-17.014	43.500
268.986	-11.417	29.516	18.099	-27.901	46.000
410.971	-7.806	37.475	29.668	-16.332	46.000
538.899	-5.414	26.321	20.906	-25.094	46.000
666.826	-3.518	37.444	33.927	-12.073	46.000
836.928	-1.163	25.802	24.639	-21.361	46.000
<b>Vertical</b>					
<b>Peak Detector</b>					
162.145	-10.934	32.820	21.886	-21.614	43.500
290.072	-10.687	37.701	27.014	-18.986	46.000
410.971	-7.806	37.475	29.668	-16.332	46.000
588.101	-4.337	29.725	25.388	-20.612	46.000
730.087	-2.468	27.925	25.457	-20.543	46.000
879.101	-0.591	26.055	25.464	-20.536	46.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Mobile Medical Assistant Tablet  
 Test Item : General Radiated Emission  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5270MHz)  
 Test Date : 2017/06/21

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector</b>					
155.116	-10.974	37.056	26.082	-17.418	43.500
283.043	-10.848	30.096	19.247	-26.753	46.000
410.971	-7.806	37.475	29.668	-16.332	46.000
559.986	-5.002	27.804	22.802	-23.198	46.000
716.029	-2.741	30.194	27.453	-18.547	46.000
872.072	-0.681	25.172	24.491	-21.509	46.000
<b>Vertical</b>					
<b>Peak Detector</b>					
162.145	-10.934	41.520	30.586	-12.914	43.500
276.014	-11.092	29.800	18.708	-27.292	46.000
389.884	-8.305	37.580	29.276	-16.724	46.000
524.841	-5.636	25.738	20.102	-25.898	46.000
666.826	-3.518	37.444	33.927	-12.073	46.000
850.986	-0.953	23.495	22.541	-23.459	46.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Mobile Medical Assistant Tablet  
 Test Item : General Radiated Emission  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5550MHz)  
 Test Date : 2017/06/21

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector</b>					
169.174	-11.185	38.014	26.829	-16.671	43.500
318.188	-9.936	28.487	18.551	-27.449	46.000
453.145	-6.797	37.558	30.761	-15.239	46.000
595.130	-4.171	26.328	22.157	-23.843	46.000
723.058	-2.605	37.297	34.692	-11.308	46.000
865.043	-0.772	24.435	23.663	-22.337	46.000
<b>Vertical</b>					
<b>Peak Detector</b>					
148.087	-11.165	40.812	29.647	-13.853	43.500
268.986	-11.417	30.016	18.599	-27.401	46.000
410.971	-7.806	32.375	24.568	-21.432	46.000
567.014	-4.836	25.199	20.364	-25.636	46.000
716.029	-2.741	29.694	26.953	-19.047	46.000
865.043	-0.772	20.935	20.163	-25.837	46.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Mobile Medical Assistant Tablet  
 Test Item : General Radiated Emission  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5775MHz)  
 Test Date : 2017/06/21

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m
<b>Horizontal</b>					
<b>Peak Detector</b>					
148.087	-11.165	37.212	26.047	-17.453	43.500
304.130	-10.263	29.584	19.321	-26.679	46.000
418.000	-7.633	37.123	29.490	-16.510	46.000
559.986	-5.002	28.304	23.302	-22.698	46.000
716.029	-2.741	37.294	34.553	-11.447	46.000
836.928	-1.163	24.394	23.231	-22.769	46.000
<b>Vertical</b>					
<b>Peak Detector</b>					
155.116	-10.974	37.056	26.082	-17.418	43.500
283.043	-10.848	31.413	20.564	-25.436	46.000
396.913	-8.146	37.430	29.285	-16.715	46.000
531.870	-5.525	26.375	20.850	-25.150	46.000
666.826	-3.518	37.444	33.927	-12.073	46.000
836.928	-1.163	25.394	24.231	-21.769	46.000

## 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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Mobile Medical Assistant Tablet  
 Test Item : General Radiated Emission  
 Test Mode : Mode 4: Charger Mode  
 Test Date : 2017/06/20

Frequency	Correct	Reading	Measurement	Margin	Limit
MHz	Factor	Level	Level		
	dB	dB $\mu$ V	dB $\mu$ V/m	dB	dB $\mu$ V/m

#### Horizontal

##### Peak Detector

119.971	-13.428	51.757	38.329	-5.171	43.500
193.072	-13.679	53.006	39.327	-4.173	43.500
225.406	-13.141	50.878	37.737	-8.263	46.000
322.406	-9.840	50.040	40.200	-5.800	46.000
524.841	-5.636	38.591	32.955	-13.045	46.000
960.638	0.360	50.821	51.180	-2.820	54.000

#### Vertical

##### Peak Detector

122.783	-13.137	50.128	36.991	-6.509	43.500
239.464	-12.295	50.900	38.605	-7.395	46.000
322.406	-9.840	44.733	34.893	-11.107	46.000
543.116	-5.348	43.575	38.227	-7.773	46.000
717.435	-2.714	37.723	35.009	-10.991	46.000
960.638	0.360	46.458	46.817	-7.183	54.000

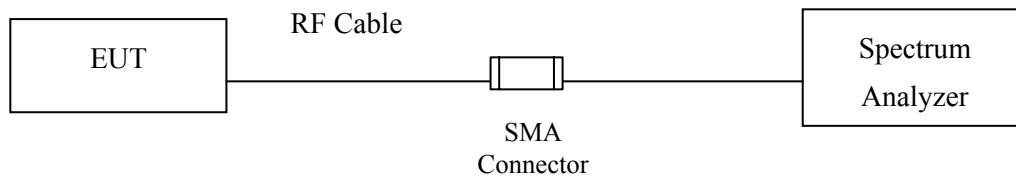
#### Note:

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 = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

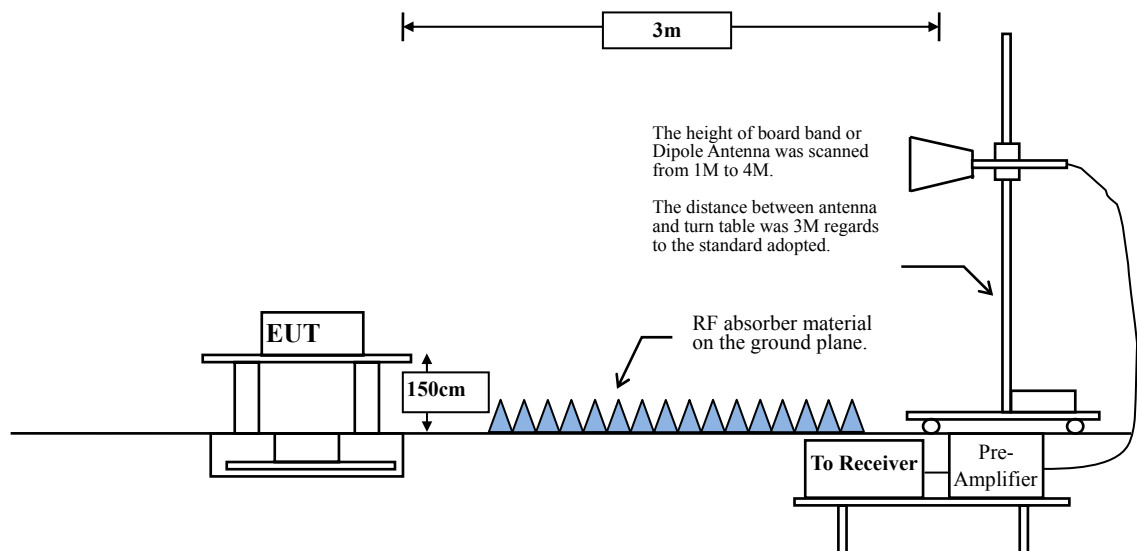
## 6. Band Edge

### 6.1. Test Setup

#### RF Conducted Measurement:



#### RF Radiated Measurement:



## 6.2. 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:

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

Remarks :

1. RF Voltage (dBμV) = 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.

## 6.3. Test Procedure

The EUT is 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 C63.10:2013 on radiated measurement.

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

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

## 6.4. Uncertainty

Conducted: ±1.23dB

Radiated:

Horizontal polarization : 1-18GHz: ±3.77dB

Vertical polarization : 1-18GHz : ±3.83dB



## 6.5. Test Result of Band Edge

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5180MHz)  
 Test Date : 2017/06/13

### RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
36 (Peak)	5148.406	-5.698	79.497	73.798	74.00	54.00	Pass
36 (Peak)	5150.000	-5.693	78.669	72.976	74.00	54.00	Pass
36 (Peak)	5175.362	-5.675	111.190	105.515	--	--	--
36 (Average)	5150.000	-5.693	53.768	48.075	74.00	54.00	Pass
36 (Average)	5173.913	-5.679	98.833	93.155	--	--	--

Figure Channel 36: Horizontal (Peak)

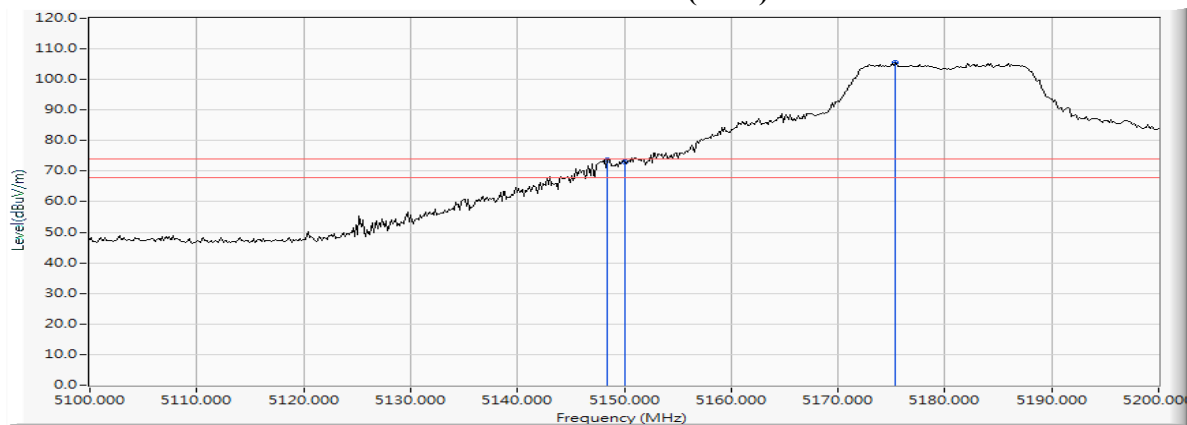
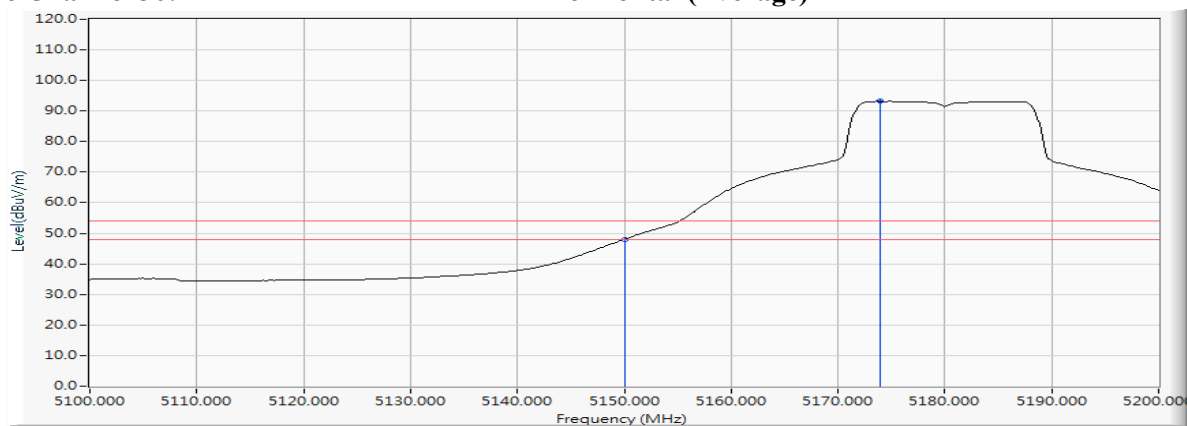


Figure Channel 36: Horizontal (Average)



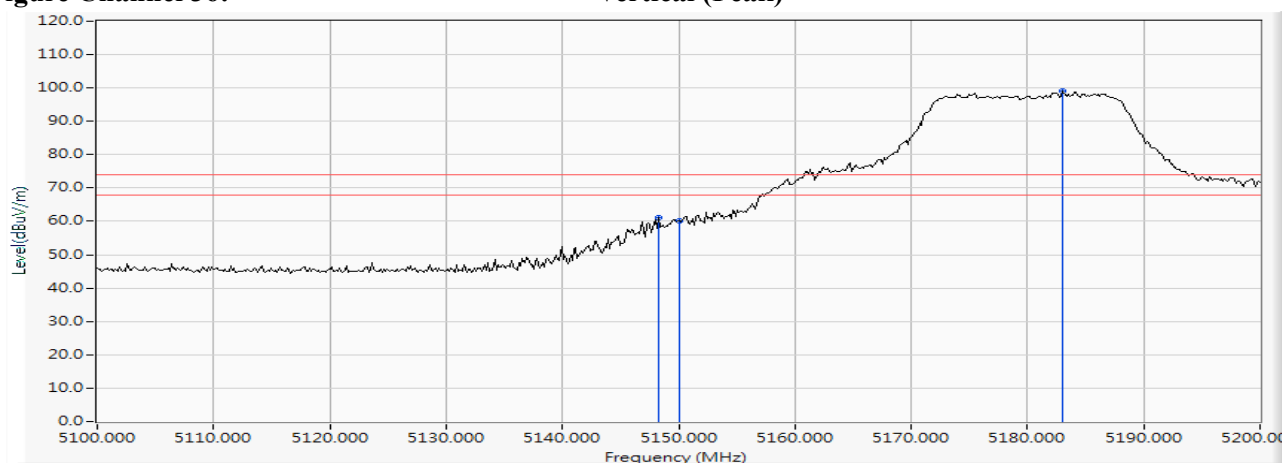
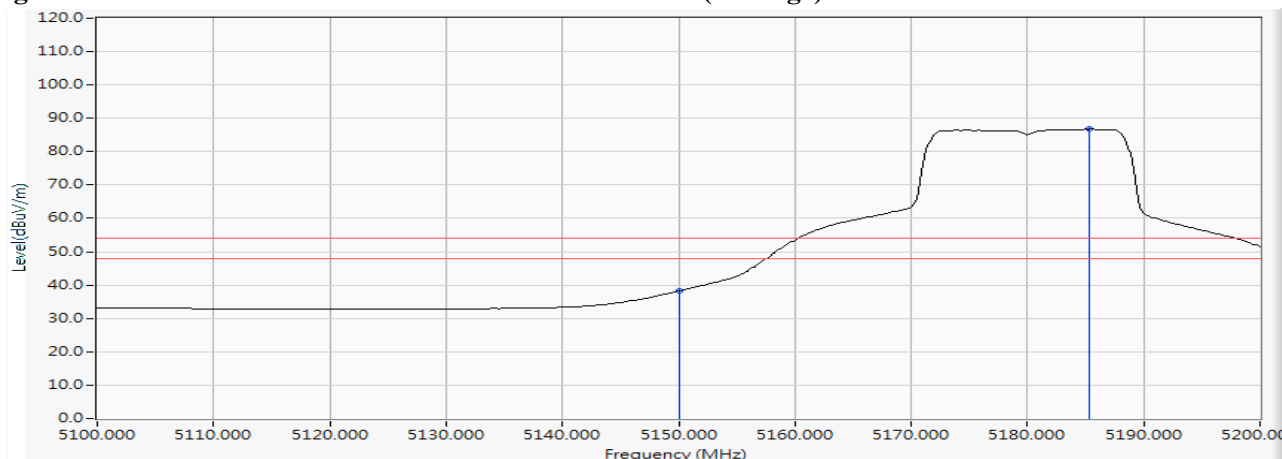
Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5180MHz)  
 Test Date : 2017/06/13

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
36 (Peak)	5148.261	-5.700	66.858	61.159	74.00	54.00	Pass
36 (Peak)	5150.000	-5.693	65.741	60.048	74.00	54.00	Pass
36 (Peak)	5183.043	-5.654	104.704	99.050	--	--	--
36 (Average)	5150.000	-5.693	43.935	38.242	74.00	54.00	Pass
36 (Average)	5185.362	-5.648	92.374	86.726	--	--	--

**Figure Channel 36:**
**Vertical (Peak)**

**Figure Channel 36:**
**Vertical (Average)**


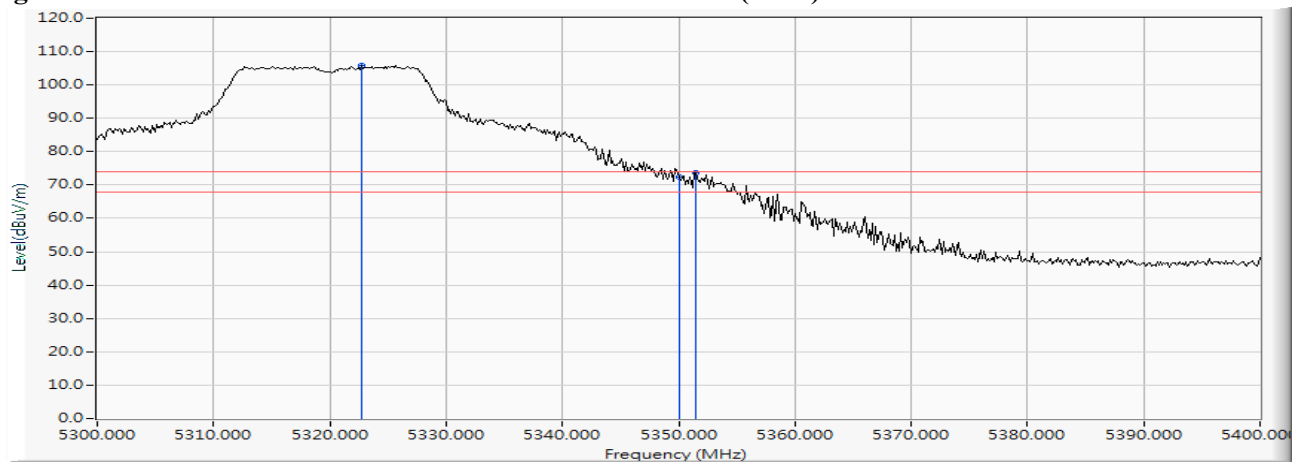
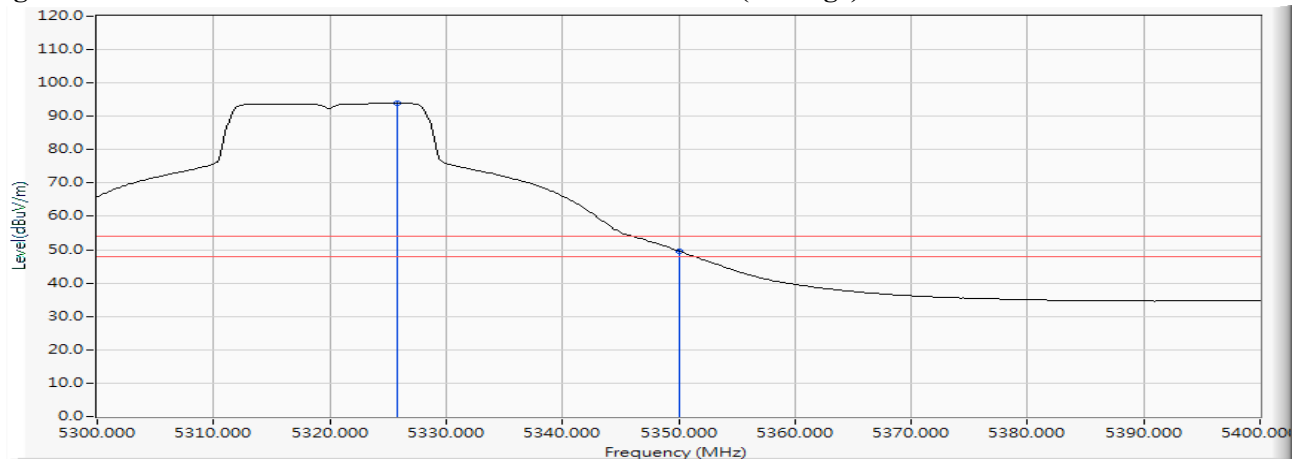
Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5320MHz)  
 Test Date : 2017/06/13

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
64 (Peak)	5322.754	-5.452	111.404	105.952	--	--	--
64 (Peak)	5350.000	-5.448	77.954	72.506	74.00	54.00	Pass
64 (Peak)	5351.449	-5.446	78.994	73.548	74.00	54.00	Pass
64 (Average)	5325.797	-5.448	99.425	93.977	--	--	--
64 (Average)	5350.000	-5.448	55.133	49.685	74.00	54.00	Pass

**Figure Channel 64: Horizontal (Peak)**

**Figure Channel 64: Horizontal (Average)**


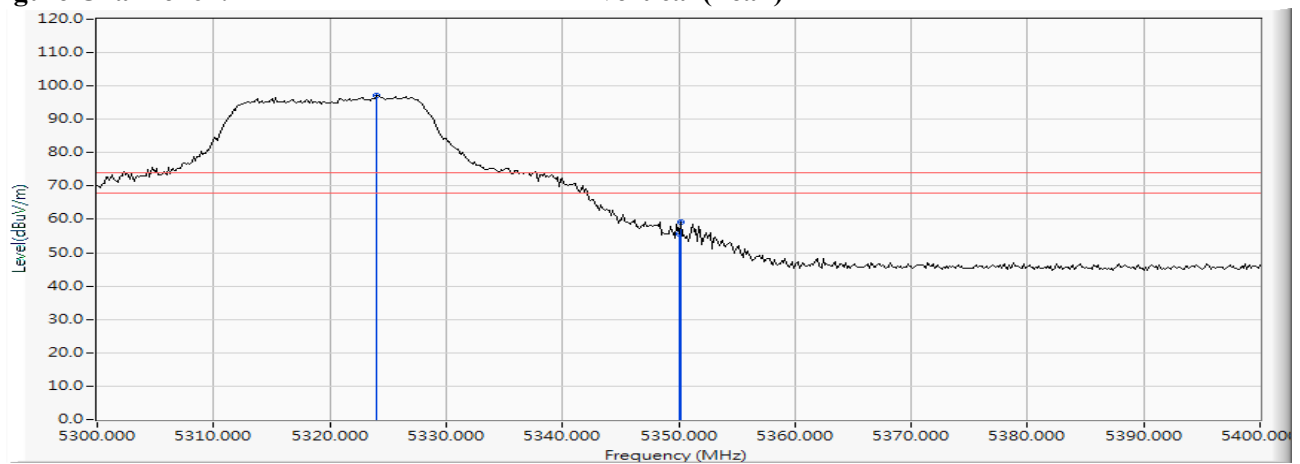
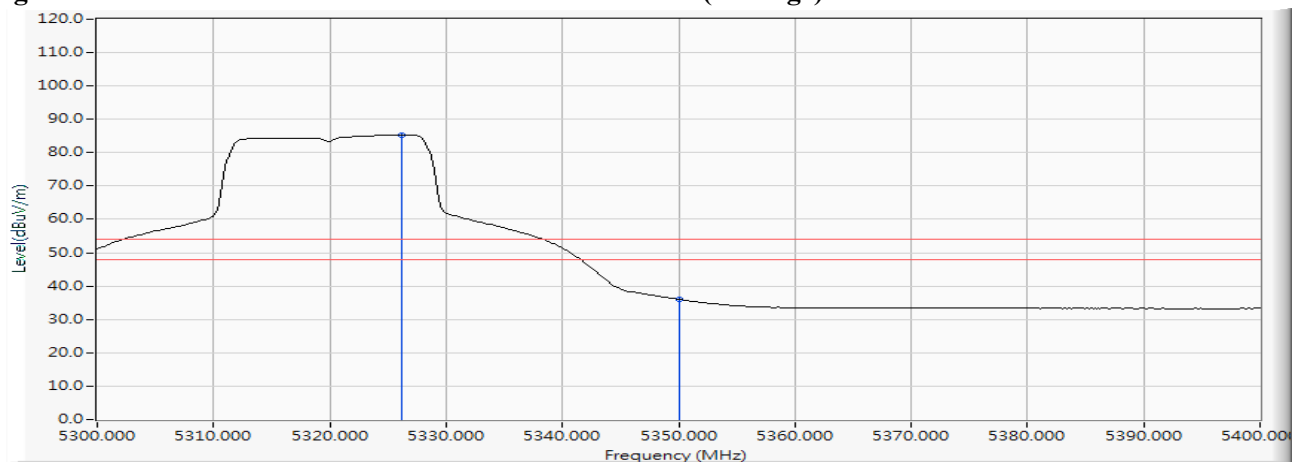
Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5320MHz)  
 Test Date : 2017/06/13

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
64 (Peak)	5324.058	-5.450	102.734	97.284	--	--	--
64 (Peak)	5350.000	-5.448	60.947	55.499	74.00	54.00	Pass
64 (Peak)	5350.145	-5.448	64.641	59.193	74.00	54.00	Pass
64 (Average)	5326.232	-5.447	90.805	85.358	--	--	--
64 (Average)	5350.000	-5.448	41.457	36.009	74.00	54.00	Pass

**Figure Channel 64: Vertical (Peak)**

**Figure Channel 64: Vertical (Average)**


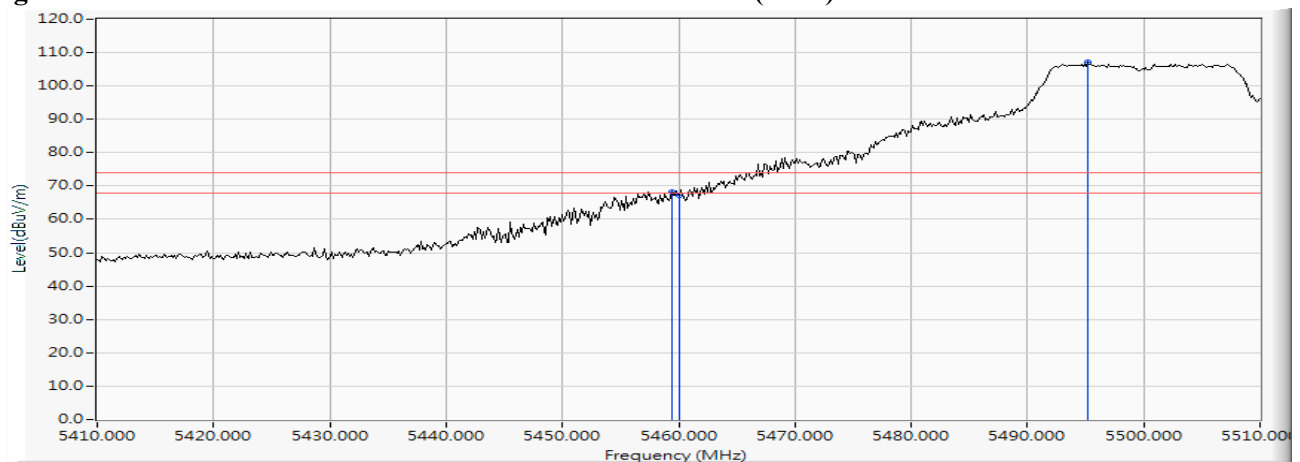
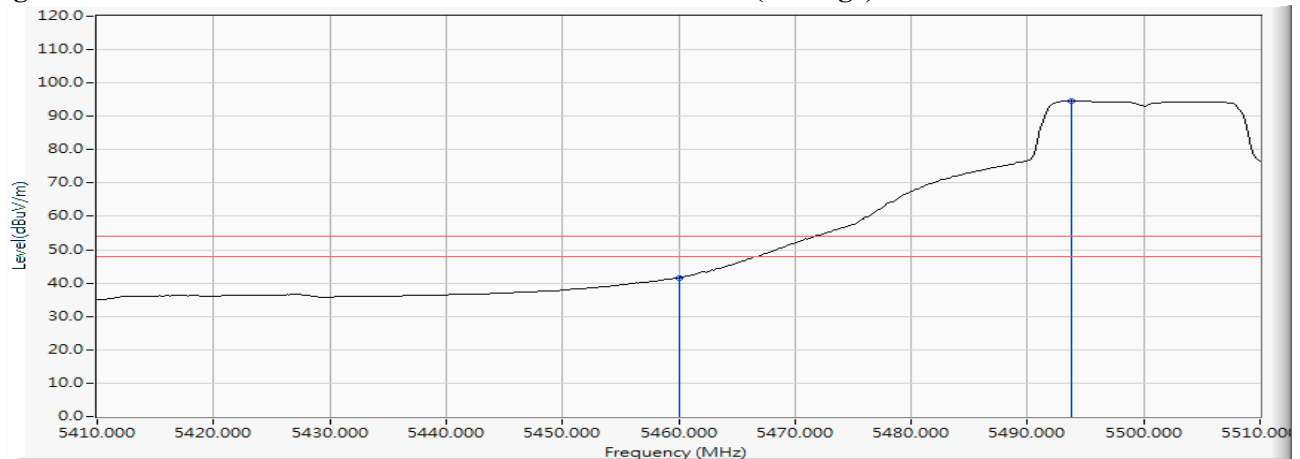
Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5500MHz)  
 Test Date : 2017/06/13

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
100 (Peak)	5459.420	-5.373	73.672	68.299	74.00	54.00	Pass
100 (Peak)	5460.000	-5.373	72.719	67.346	74.00	54.00	Pass
100 (Peak)	5495.217	-5.356	112.404	107.047	--	--	--
100 (Average)	5460.000	-5.373	47.027	41.654	74.00	54.00	Pass
100 (Average)	5493.768	-5.357	99.888	94.531	--	--	--

**Figure Channel 100: Horizontal (Peak)**

**Figure Channel 100: Horizontal (Average)**


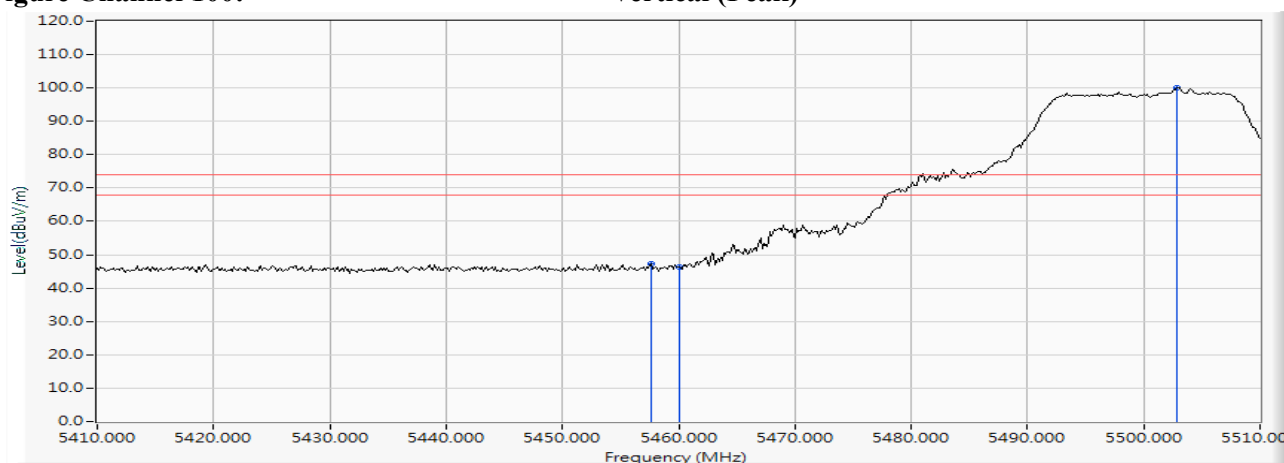
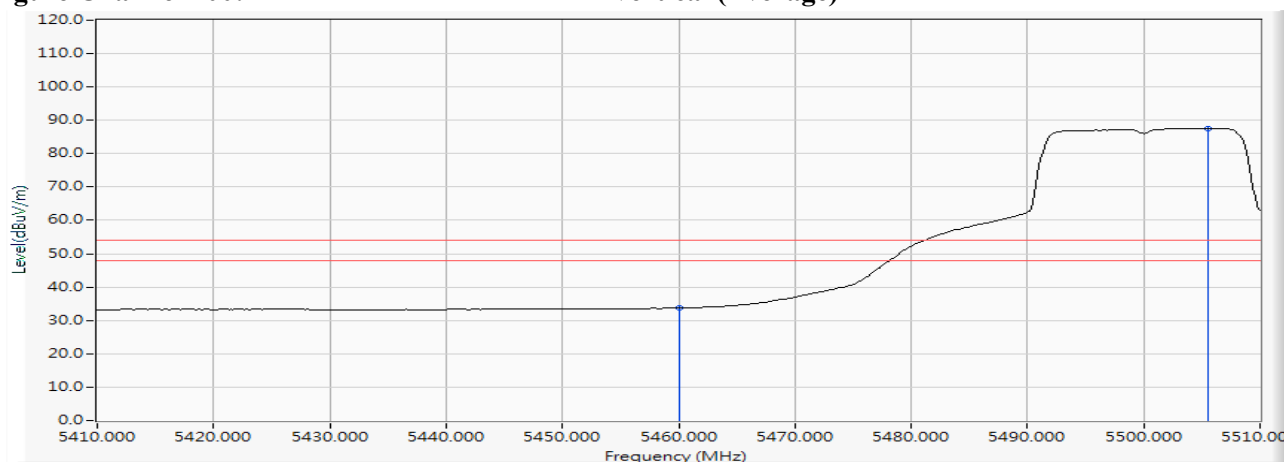
Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5500MHz)  
 Test Date : 2017/06/13

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
100 (Peak)	5457.681	-5.373	52.580	47.207	74.00	54.00	Pass
100 (Peak)	5460.000	-5.373	51.760	46.387	74.00	54.00	Pass
100 (Peak)	5502.899	-5.354	105.420	100.066	--	--	--
100 (Average)	5460.000	-5.373	39.069	33.696	74.00	54.00	Pass
100 (Average)	5505.507	-5.353	92.945	87.592	--	--	--

**Figure Channel 100:**
**Vertical (Peak)**

**Figure Channel 100:**
**Vertical (Average)**


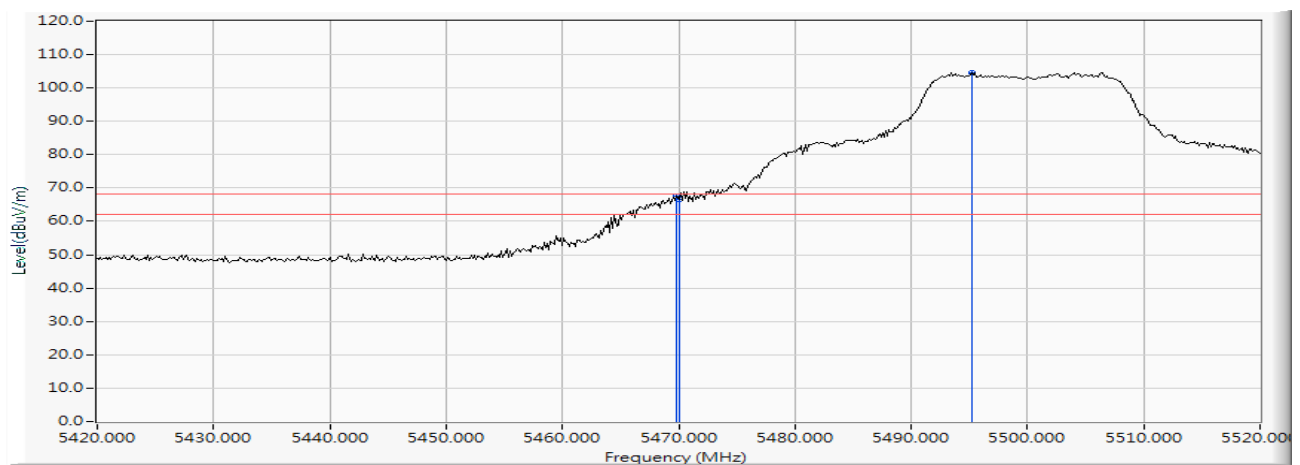
Note:

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

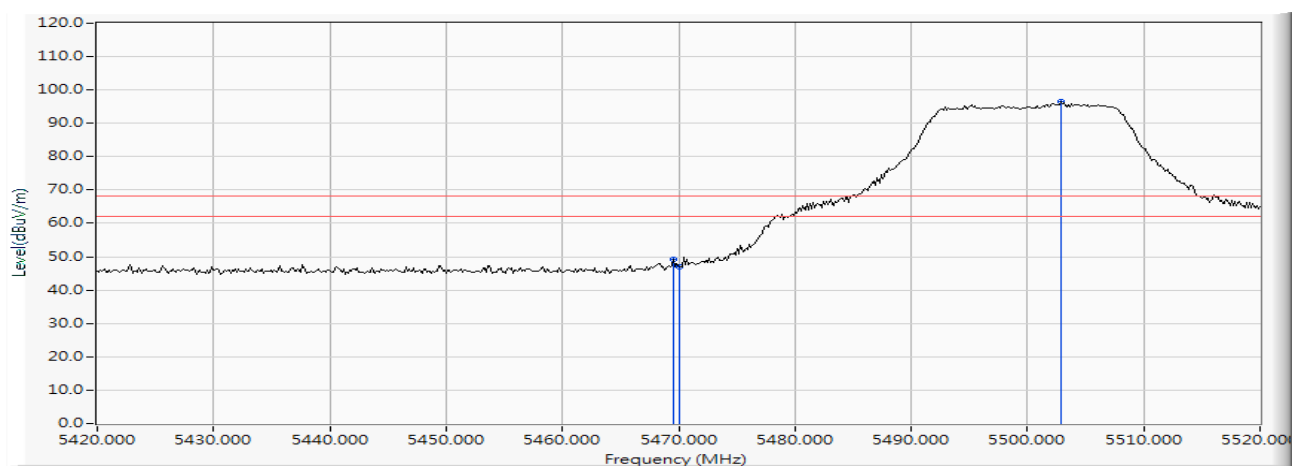
Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5500MHz)  
 Test Date : 2017/06/13

**RF Radiated Measurement:**

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5469.855	-5.376	73.069	67.693	-0.527	68.220	Pass
Horizontal	5470.000	-5.376	72.064	66.687	-1.533	68.220	Pass
Horizontal	5495.217	-5.356	109.929	104.572	--	--	--



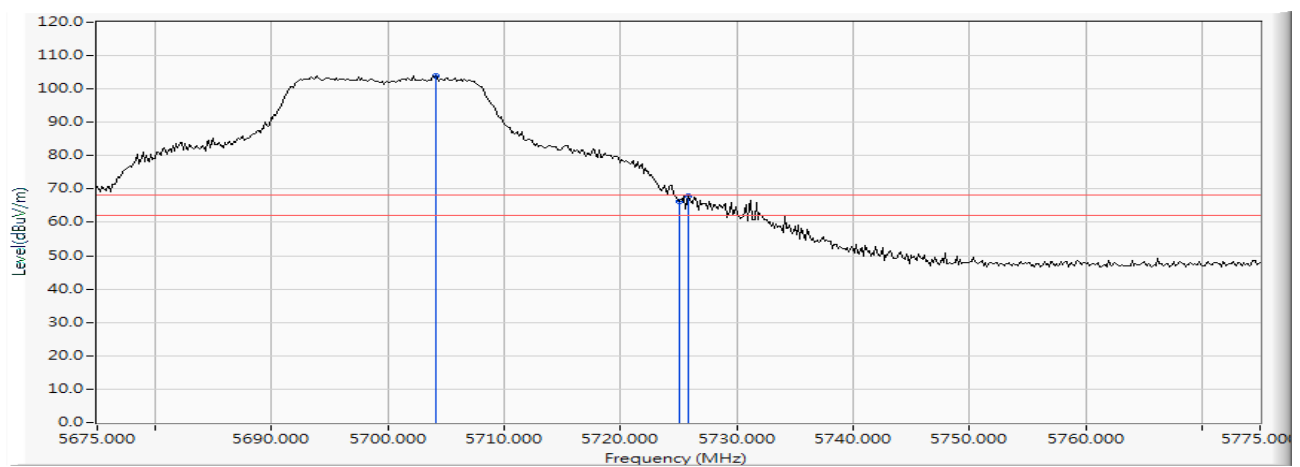
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5469.565	-5.376	54.652	49.276	-18.944	68.220	Pass
Vertical	5470.000	-5.376	52.253	46.876	-21.344	68.220	Pass
Vertical	5502.899	-5.354	101.989	96.635	--	--	--



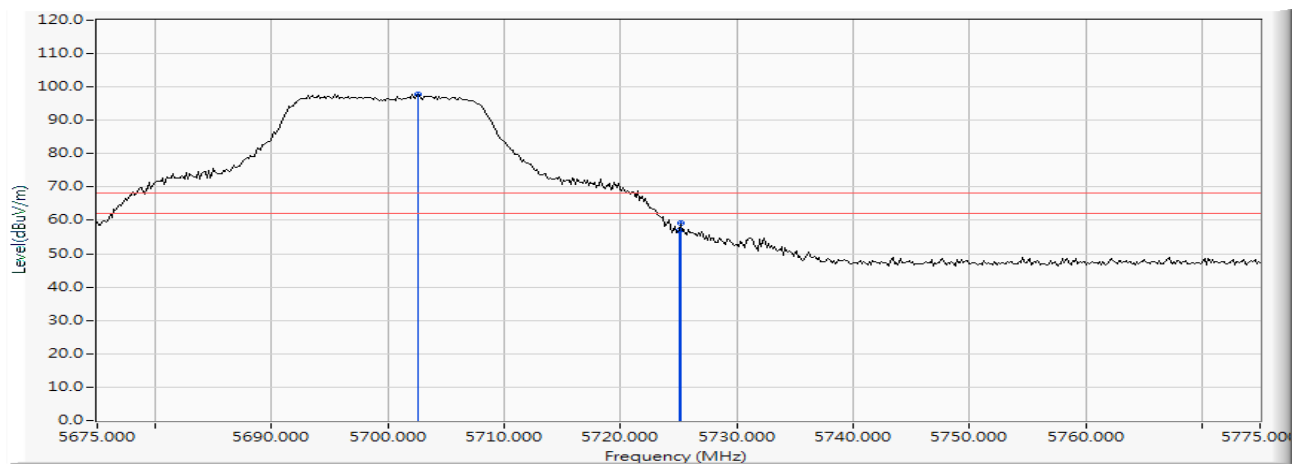
Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5700MHz)  
 Test Date : 2017/06/13

**RF Radiated Measurement:**

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5704.130	-4.939	108.939	103.999	--	--	--
Horizontal	5725.000	-4.883	71.101	66.217	-2.003	68.220	Pass
Horizontal	5725.870	-4.881	72.731	67.850	-0.370	68.220	Pass



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5702.536	-4.943	102.780	97.837	--	--	--
Vertical	5725.000	-4.883	61.835	56.951	-11.269	68.220	Pass
Vertical	5725.145	-4.883	63.918	59.035	-9.185	68.220	Pass

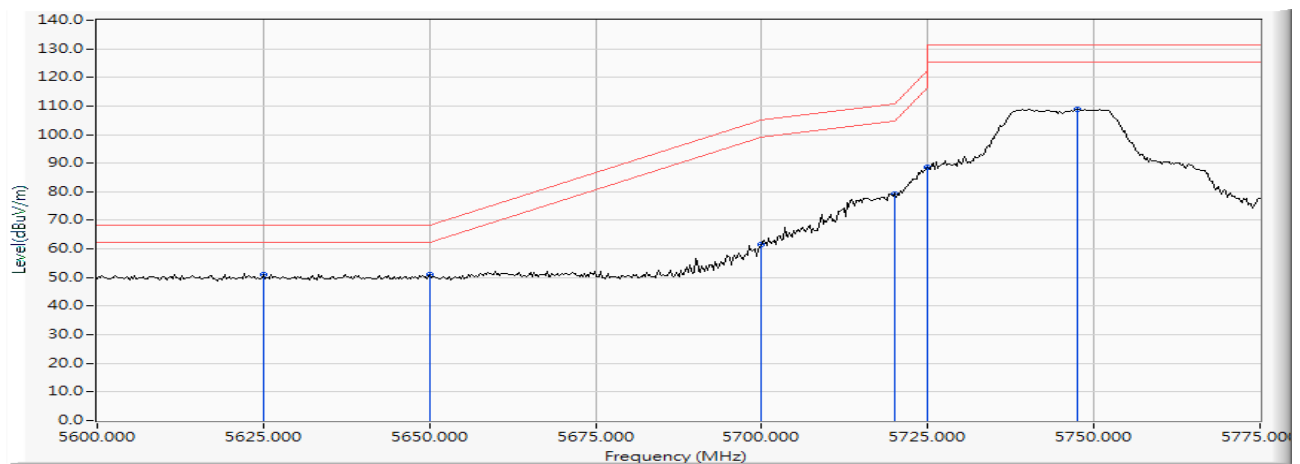




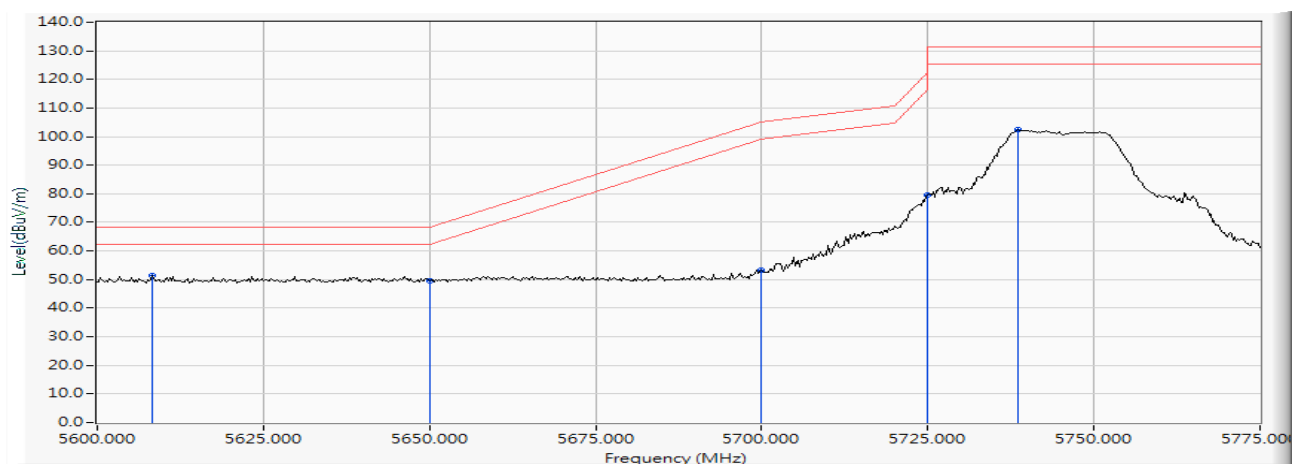
Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5745MHz)  
 Test Date : 2017/06/13

**RF Radiated Measurement:**

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5625.109	-5.109	56.186	51.076	--	--	--
Horizontal	5650.000	-5.048	55.906	50.858	-17.362	68.220	Pass
Horizontal	5700.000	-4.948	66.579	61.630	-43.570	105.200	Pass
Horizontal	5720.000	-4.898	84.201	79.303	-31.497	110.800	Pass
Horizontal	5725.000	-4.883	93.459	88.575	-33.625	122.200	Pass
Horizontal	5747.609	-4.842	113.585	108.742	-22.458	131.200	Pass



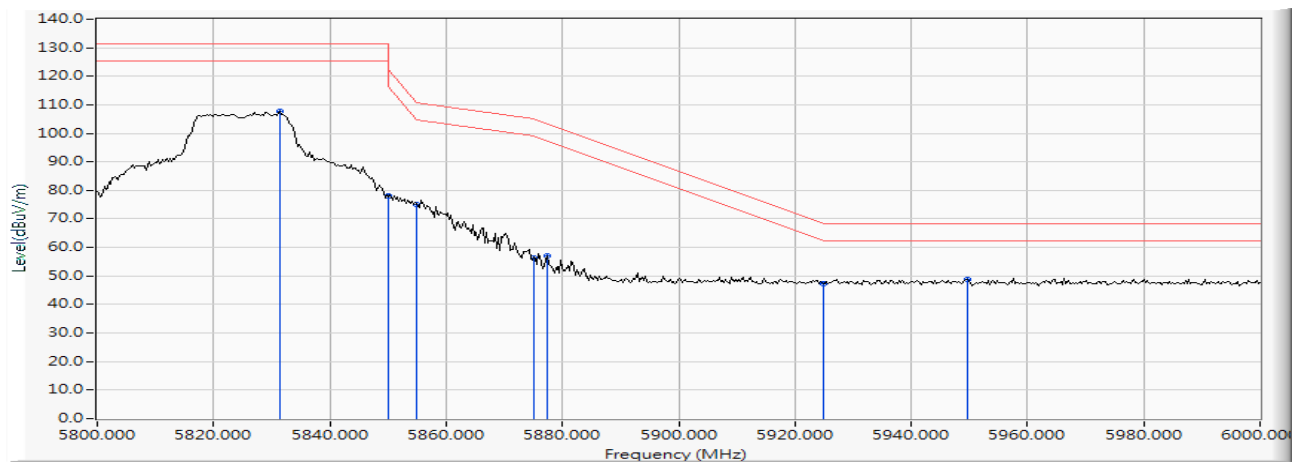
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5608.370	-5.139	56.695	51.555	--	--	--
Vertical	5650.000	-5.048	54.566	49.518	-18.702	68.220	Pass
Vertical	5700.000	-4.948	58.070	53.121	-52.079	105.200	Pass
Vertical	5725.000	-4.883	84.491	79.607	-42.593	122.200	Pass
Vertical	5738.478	-4.860	107.232	102.372	-28.828	131.200	Pass



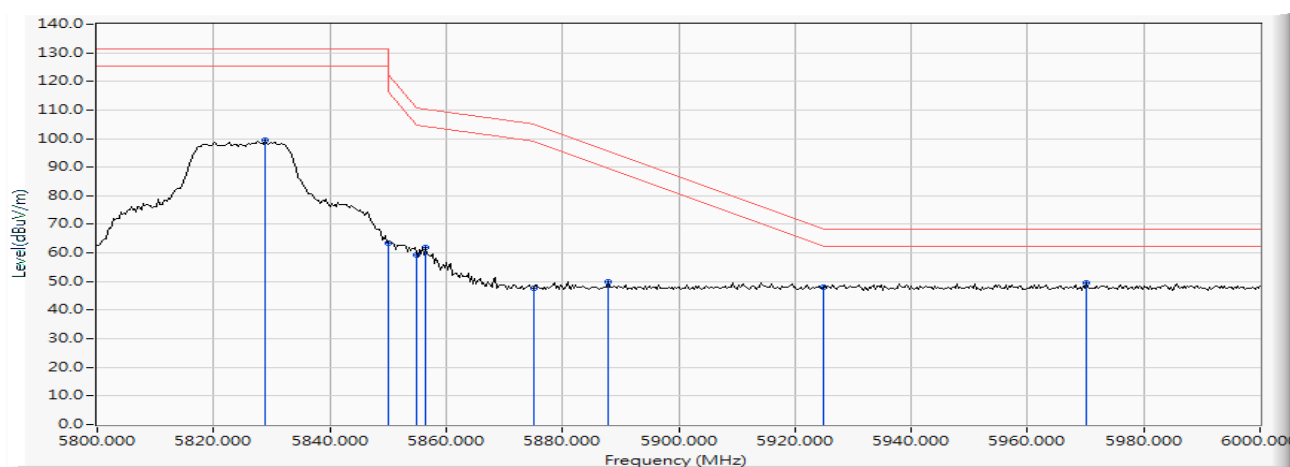
Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5825MHz)  
 Test Date : 2017/06/13

**RF Radiated Measurement:**

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5831.304	-4.611	112.170	107.559	-23.641	131.200	Pass
Horizontal	5850.000	-4.567	82.675	78.109	-44.091	122.200	Pass
Horizontal	5855.000	-4.552	79.468	74.916	-35.884	110.800	Pass
Horizontal	5875.000	-4.485	60.834	56.349	-48.851	105.200	Pass
Horizontal	5877.391	-4.476	61.539	57.063	-46.368	103.431	Pass
Horizontal	5925.000	-4.328	51.756	47.428	-20.772	68.200	Pass
Horizontal	5949.565	-4.272	53.230	48.958	--	--	--



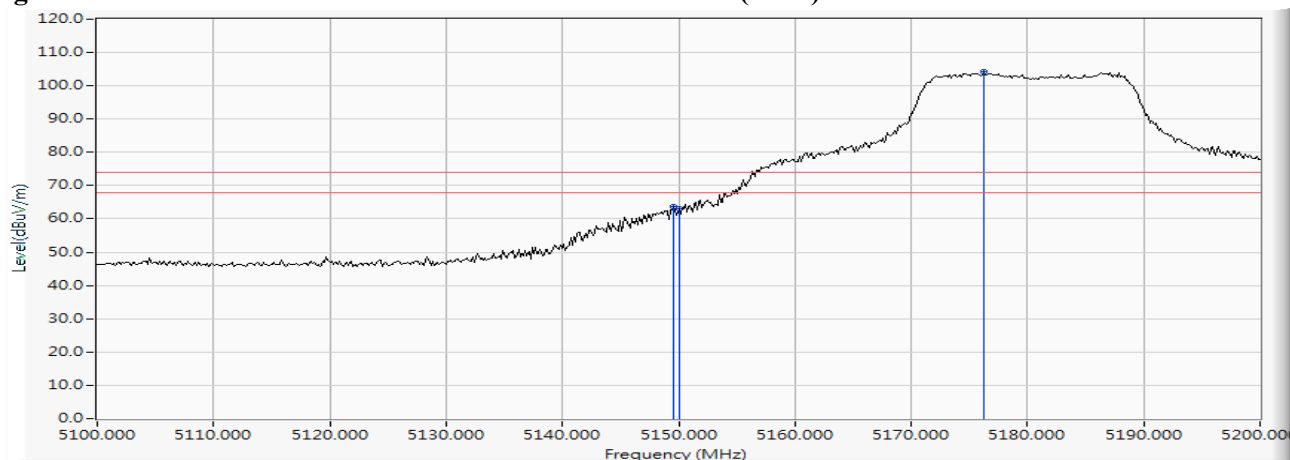
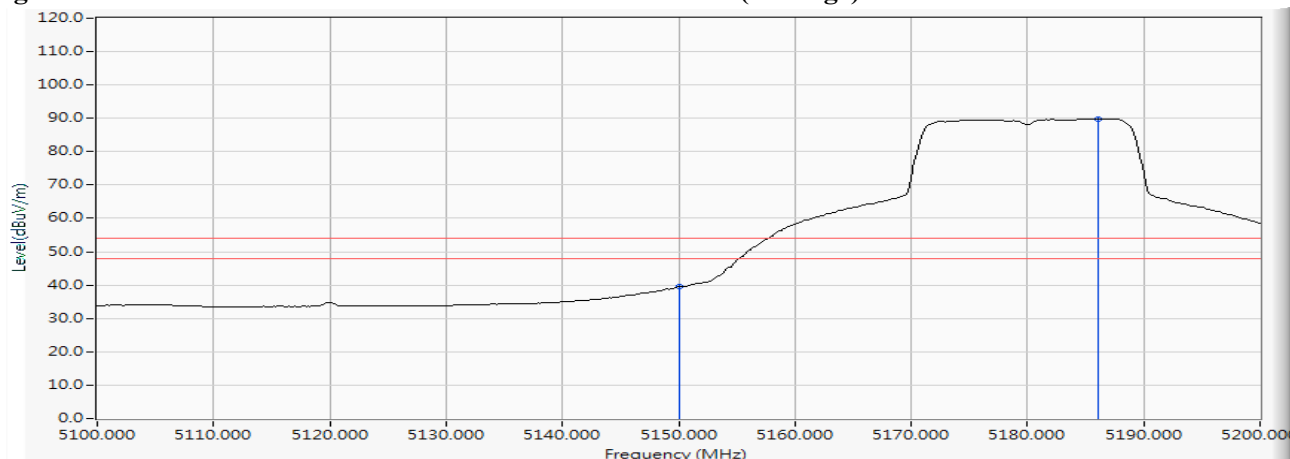
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5828.986	-4.616	104.036	99.419	-31.781	131.200	Pass
Vertical	5850.000	-4.567	68.149	63.583	-58.617	122.200	Pass
Vertical	5855.000	-4.552	64.024	59.472	-51.328	110.800	Pass
Vertical	5856.522	-4.548	66.411	61.864	-48.510	110.374	Pass
Vertical	5875.000	-4.485	51.969	47.484	-57.716	105.200	Pass
Vertical	5887.826	-4.437	54.364	49.927	-45.782	95.709	Pass
Vertical	5925.000	-4.328	52.205	47.877	-20.323	68.200	Pass
Vertical	5970.145	-4.209	53.610	49.401	--	--	--



Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5180MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
36 (Peak)	5149.565	-5.695	69.334	63.640	74.00	54.00	Pass
36 (Peak)	5150.000	-5.693	68.654	62.961	74.00	54.00	Pass
36 (Peak)	5176.232	-5.673	109.888	104.216	--	--	--
36 (Average)	5150.000	-5.693	45.127	39.434	74.00	54.00	Pass
36 (Average)	5186.087	-5.646	95.551	89.905	--	--	--

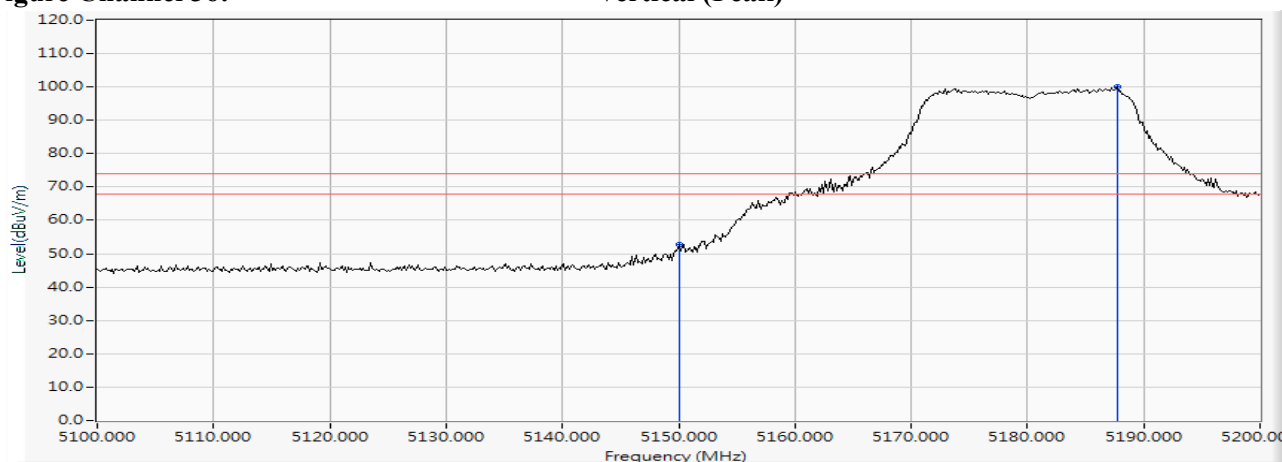
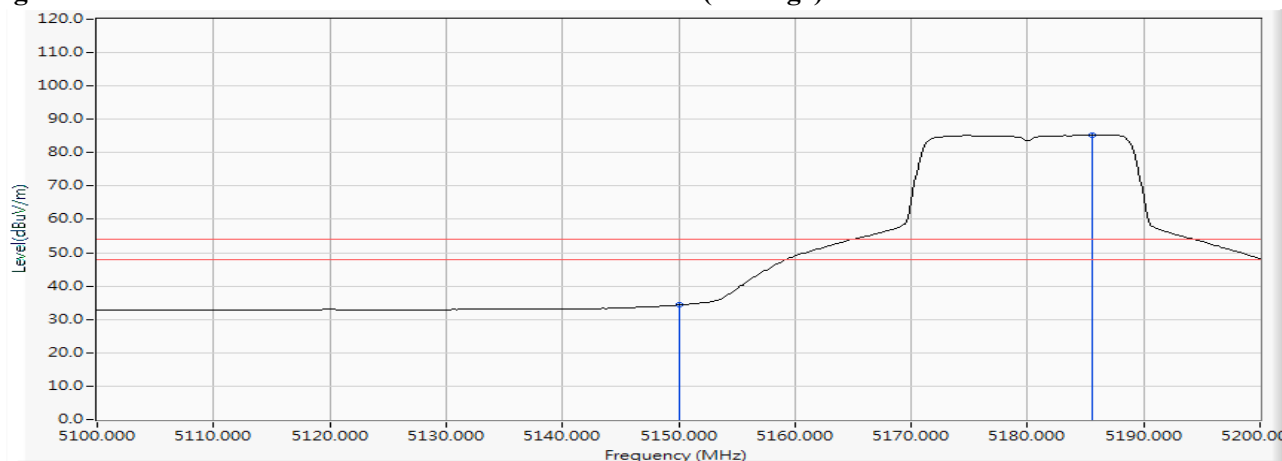
**Figure Channel 36:**
**Horizontal (Peak)**

**Figure Channel 36:**
**Horizontal (Average)**

**Note:**

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5180MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
36 (Peak)	5150.000	-5.693	58.307	52.614	74.00	54.00	Pass
36 (Peak)	5187.681	-5.642	105.662	100.020	--	--	--
36 (Average)	5150.000	-5.693	39.987	34.294	74.00	54.00	Pass
36 (Average)	5185.507	-5.647	91.054	85.406	--	--	--

**Figure Channel 36:**
**Vertical (Peak)**

**Figure Channel 36:**
**Vertical (Average)**


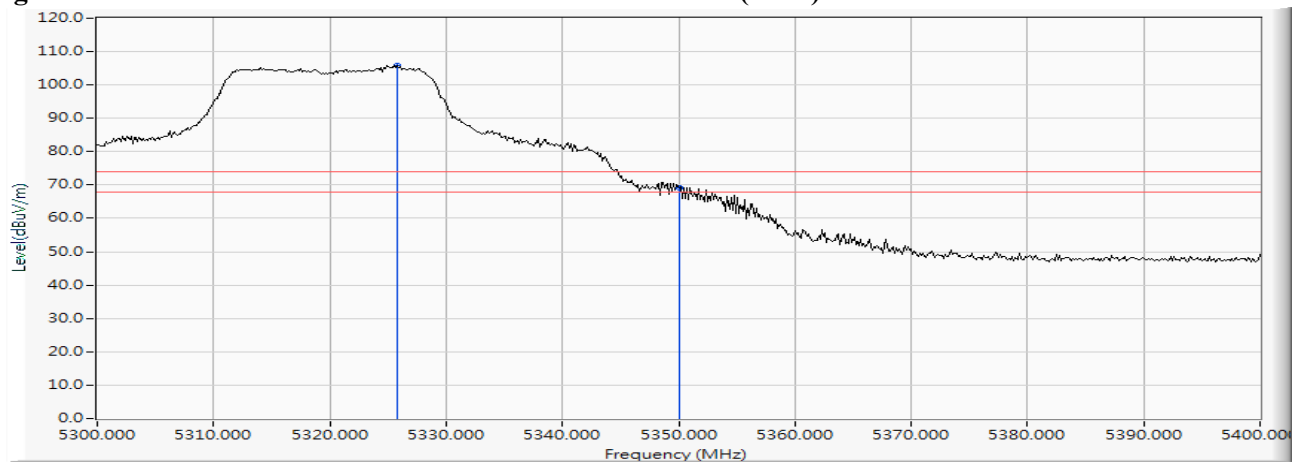
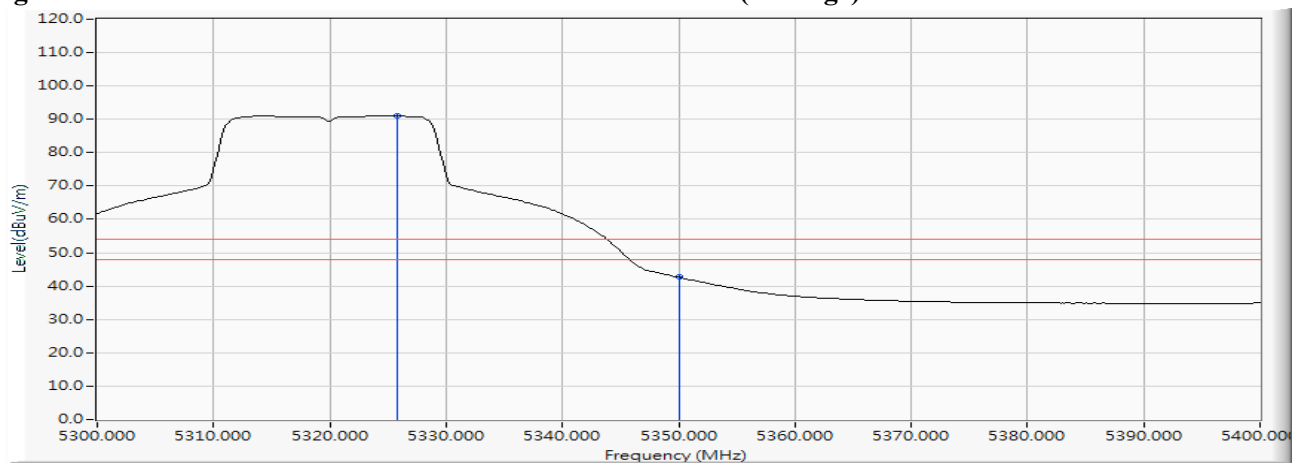
Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5320MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
64 (Peak)	5325.797	-5.448	111.422	105.974	--	--	--
64 (Peak)	5350.000	-5.448	74.492	69.044	74.00	54.00	Pass
64 (Average)	5325.797	-5.448	96.490	91.042	--	--	--
64 (Average)	5350.000	-5.448	48.118	42.670	74.00	54.00	Pass

**Figure Channel 64:**
**Horizontal (Peak)**

**Figure Channel 64:**
**Horizontal (Average)**


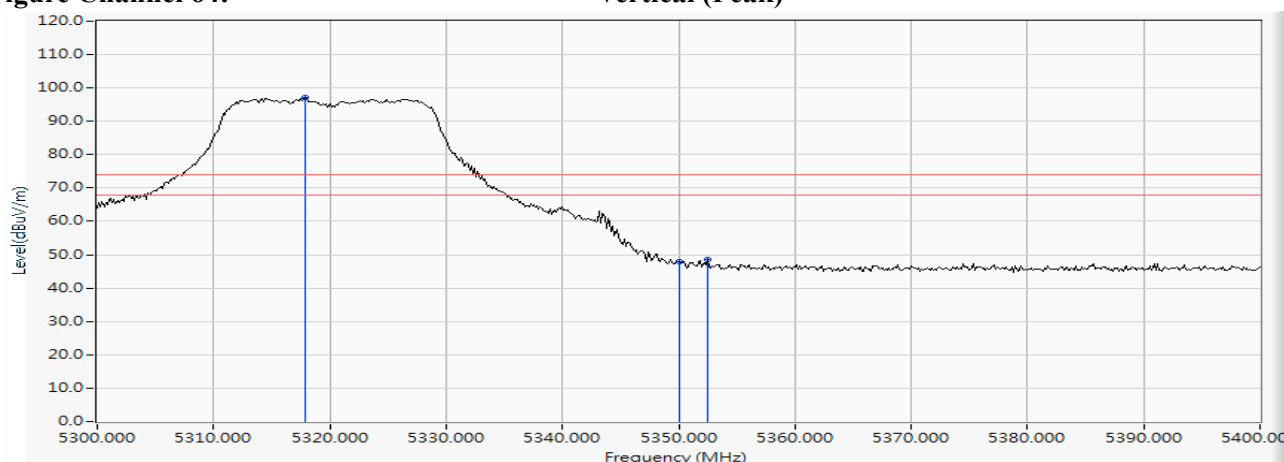
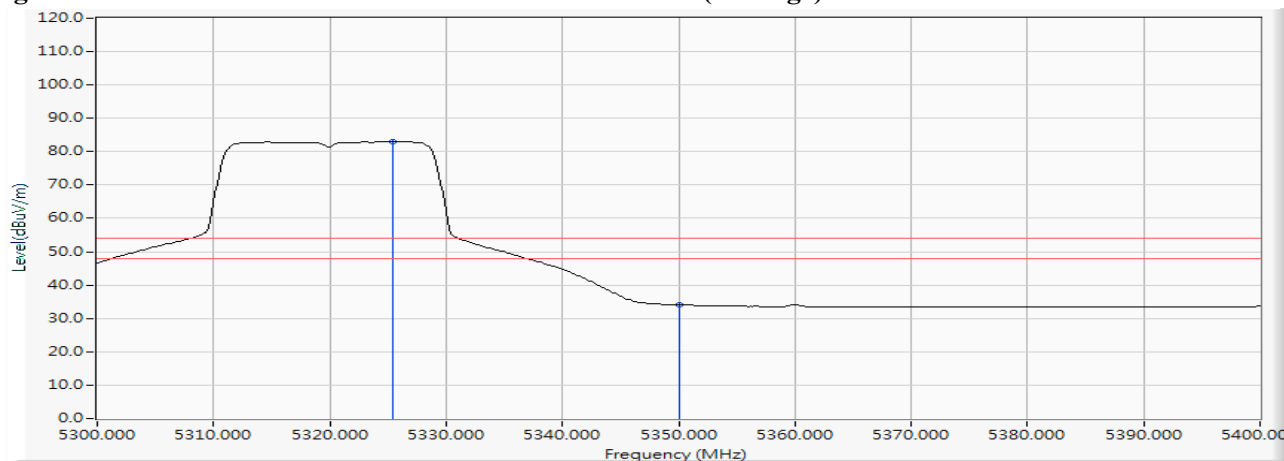
Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5320MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
64 (Peak)	5317.826	-5.459	102.632	97.173	--	--	--
64 (Peak)	5350.000	-5.448	53.283	47.835	74.00	54.00	Pass
64 (Peak)	5352.464	-5.445	54.037	48.592	74.00	54.00	Pass
64 (Average)	5325.362	-5.448	88.482	83.033	--	--	--
64 (Average)	5350.000	-5.448	39.482	34.034	74.00	54.00	Pass

**Figure Channel 64: Vertical (Peak)**

**Figure Channel 64: Vertical (Average)**


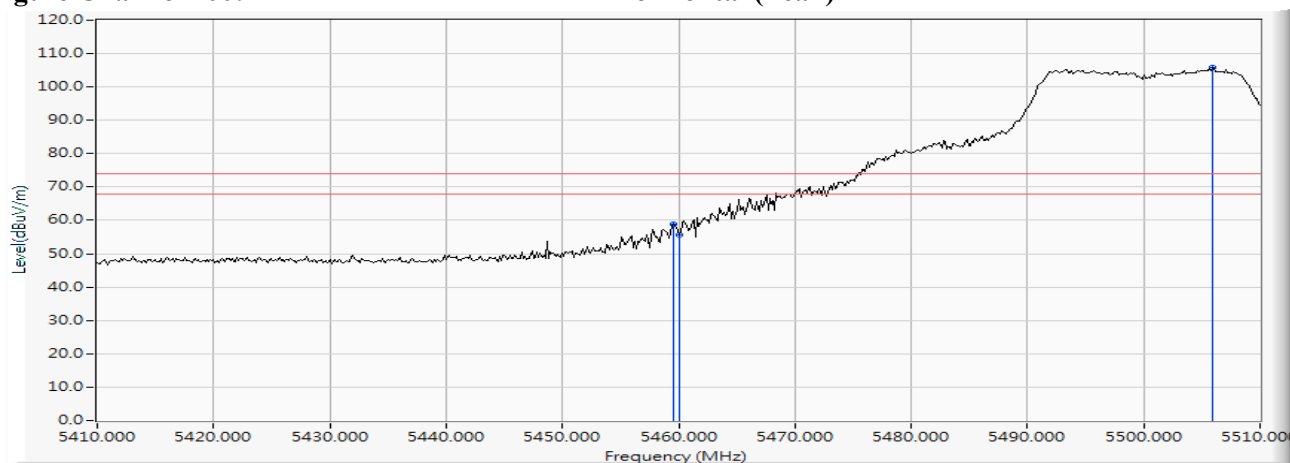
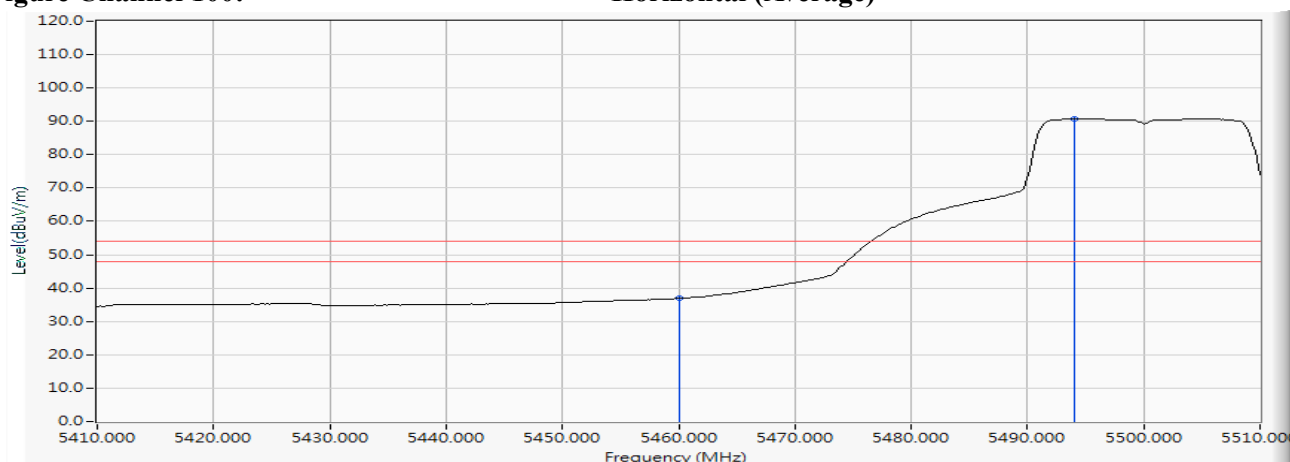
Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
100 (Peak)	5459.565	-5.373	64.224	58.851	74.00	54.00	Pass
100 (Peak)	5460.000	-5.373	60.943	55.570	74.00	54.00	Pass
100 (Peak)	5505.942	-5.353	111.042	105.690	--	--	--
100 (Average)	5460.000	-5.373	42.268	36.895	74.00	54.00	Pass
100 (Average)	5494.058	-5.357	96.134	90.777	--	--	--

**Figure Channel 100: Horizontal (Peak)**

**Figure Channel 100: Horizontal (Average)**


Note:

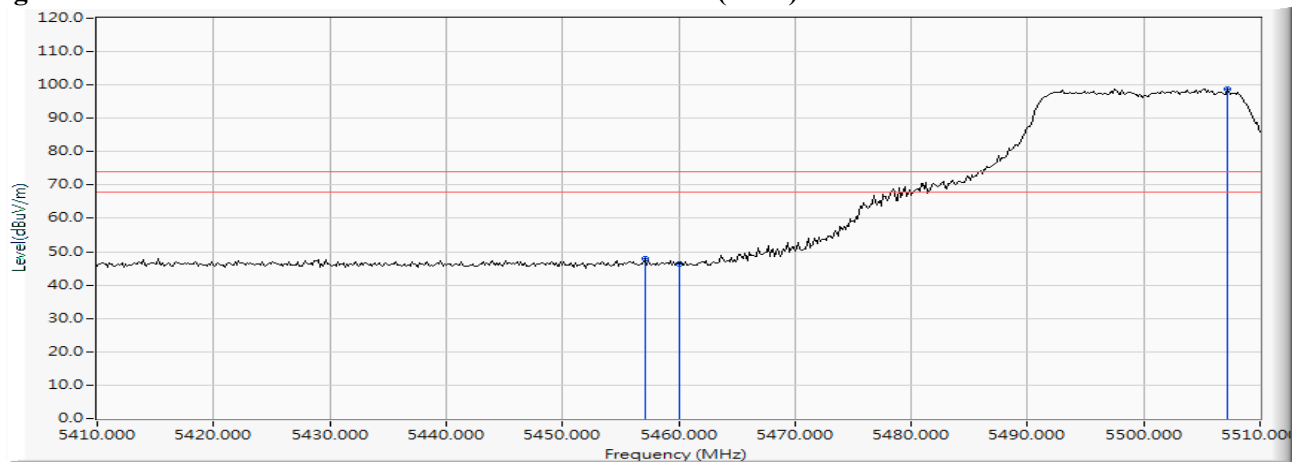
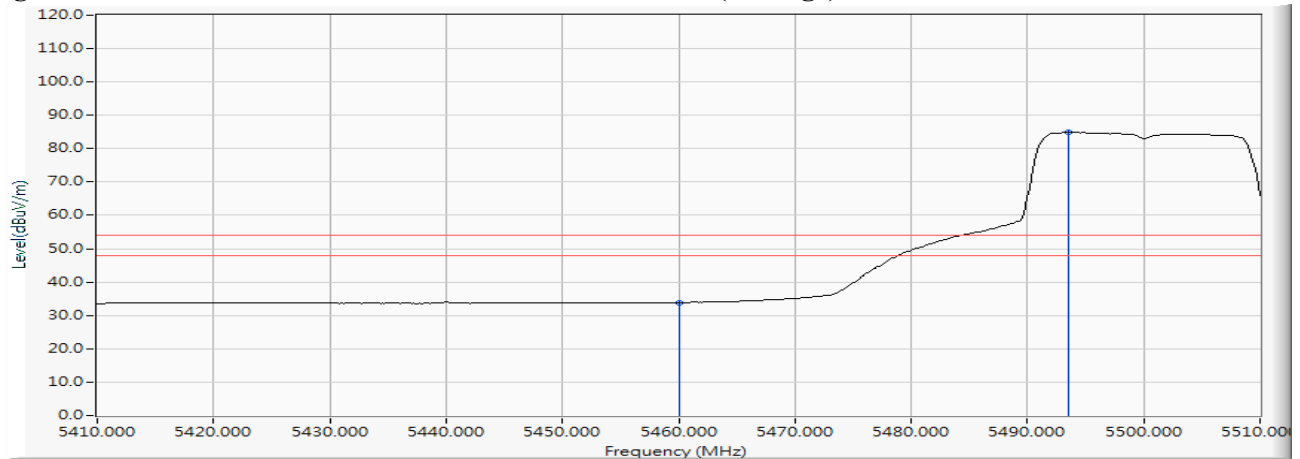
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ \* ”, means this data is the worst emission level.
5. Measurement Level = Reading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



Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
100 (Peak)	5457.101	-5.373	53.197	47.824	74.00	54.00	Pass
100 (Peak)	5460.000	-5.373	51.828	46.455	74.00	54.00	Pass
100 (Peak)	5507.246	-5.350	104.226	98.876	--	--	--
100 (Average)	5460.000	-5.373	39.230	33.857	74.00	54.00	Pass
100 (Average)	5493.478	-5.357	90.250	84.893	--	--	--

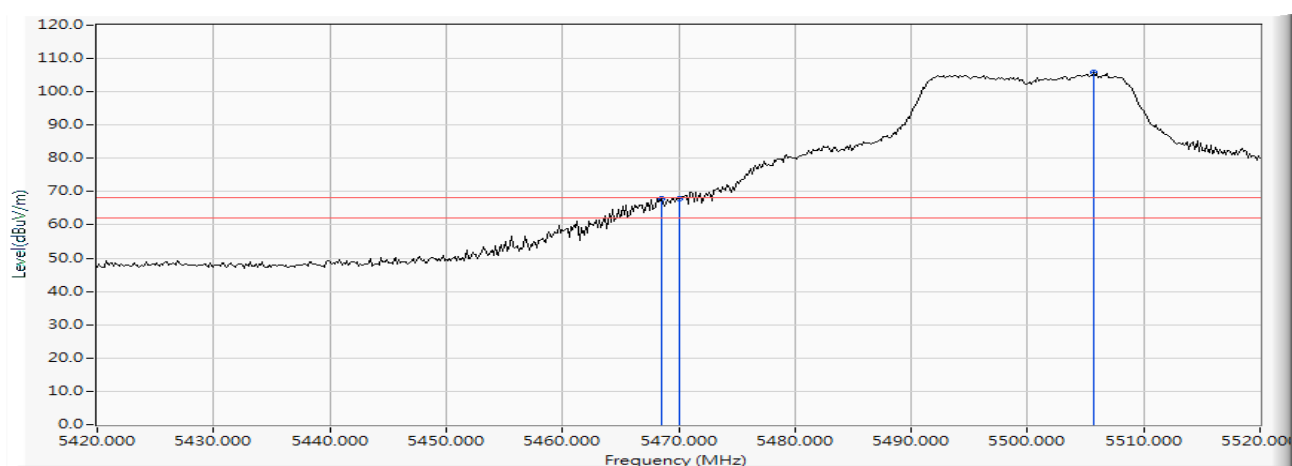
**Figure Channel 100: Vertical (Peak)**

**Figure Channel 100: Vertical (Average)**

**Note:**

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

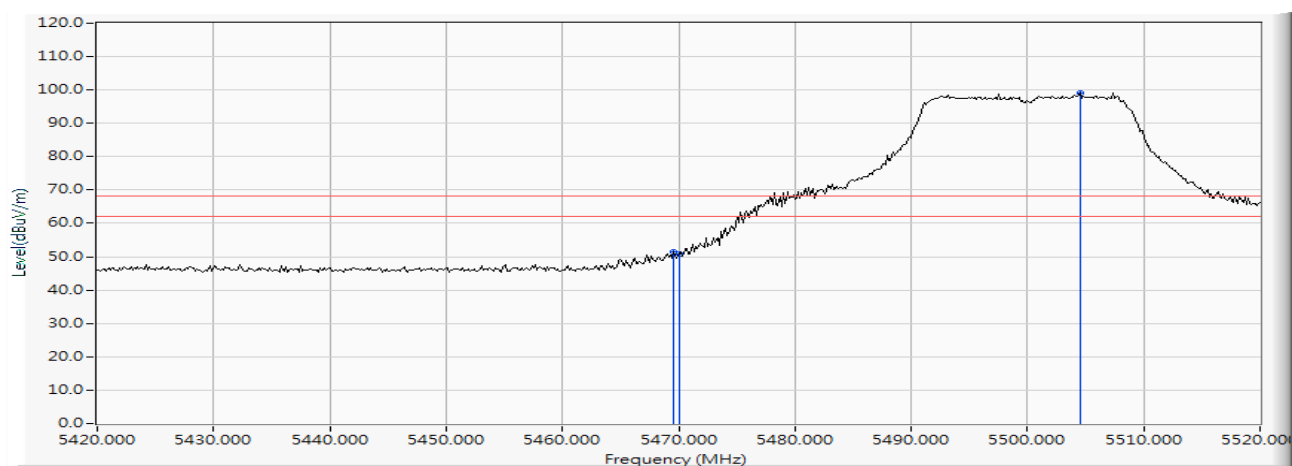
Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement:**

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5468.551	-5.376	73.314	67.938	-0.282	68.220	Pass
Horizontal	5470.000	-5.376	73.279	67.902	-0.318	68.220	Pass
Horizontal	5505.652	-5.353	111.111	105.758	--	--	--



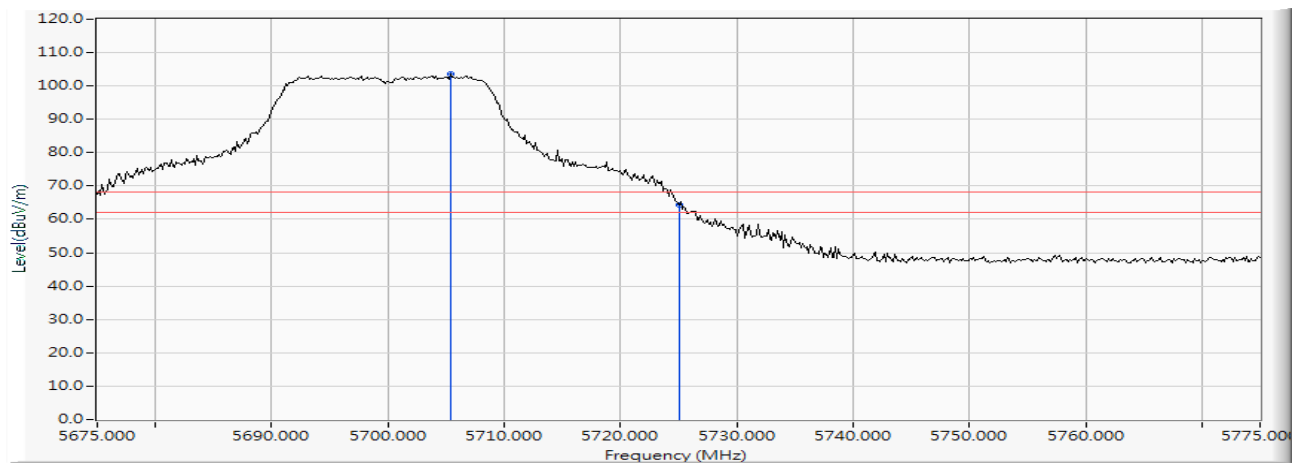
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5469.565	-5.376	56.822	51.446	-16.774	68.220	Pass
Vertical	5470.000	-5.376	56.317	50.940	-17.280	68.220	Pass
Vertical	5504.493	-5.353	104.299	98.945	--	--	--



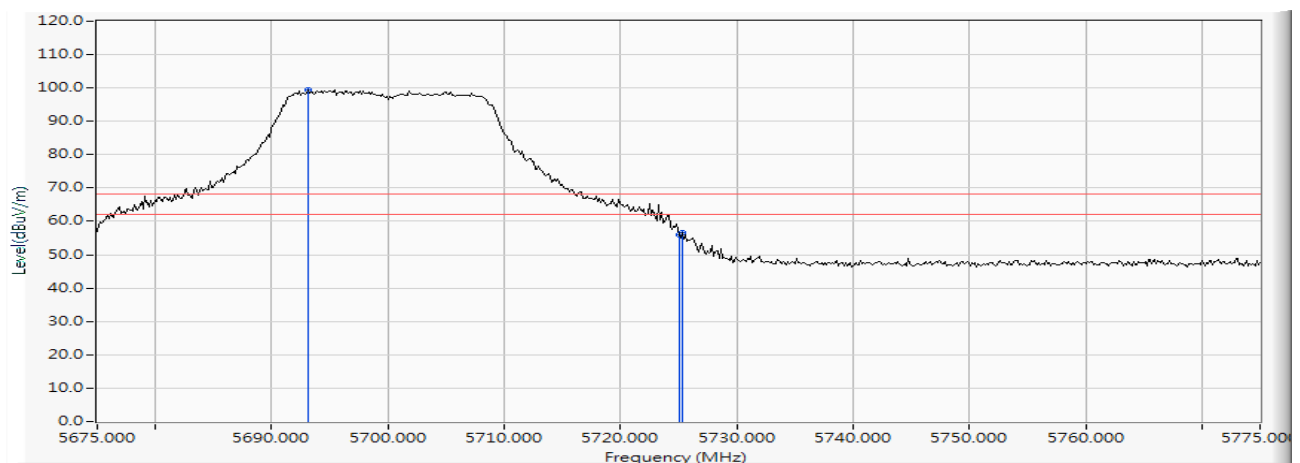
Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5700MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement:**

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5705.435	-4.937	108.488	103.551	--	--	--
Horizontal	5725.000	-4.883	69.179	64.295	-3.925	68.220	Pass



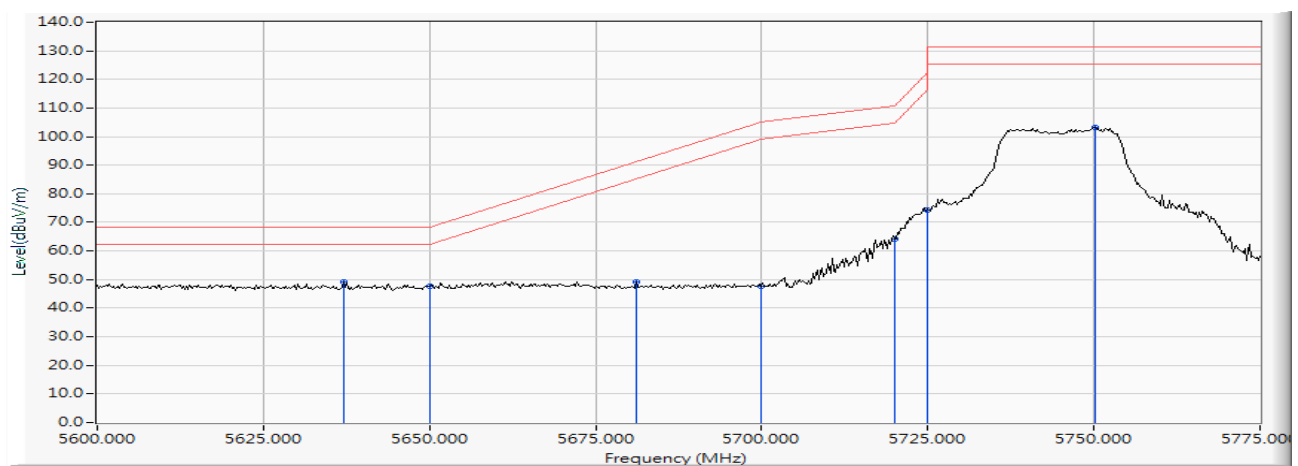
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5693.116	-4.963	104.501	99.538	--	--	--
Vertical	5725.000	-4.883	60.832	55.948	-12.272	68.220	Pass
Vertical	5725.290	-4.883	61.646	56.763	-11.457	68.220	Pass



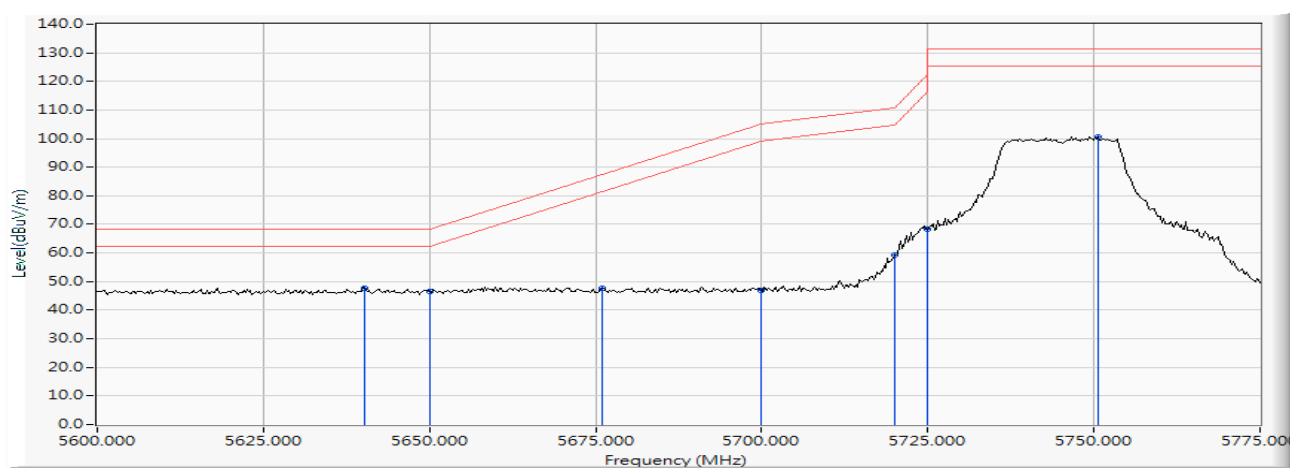
Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement:**

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5637.029	-5.095	54.319	49.225	--	--	--
Horizontal	5650.000	-5.048	52.647	47.599	-20.621	68.220	Pass
Horizontal	5681.159	-4.988	54.223	49.235	-42.030	91.265	Pass
Horizontal	5700.000	-4.948	52.720	47.771	-57.429	105.200	Pass
Horizontal	5720.000	-4.898	69.243	64.345	-46.455	110.800	Pass
Horizontal	5725.000	-4.883	79.376	74.492	-47.708	122.200	Pass
Horizontal	5750.145	-4.837	108.214	103.378	-27.822	131.200	Pass



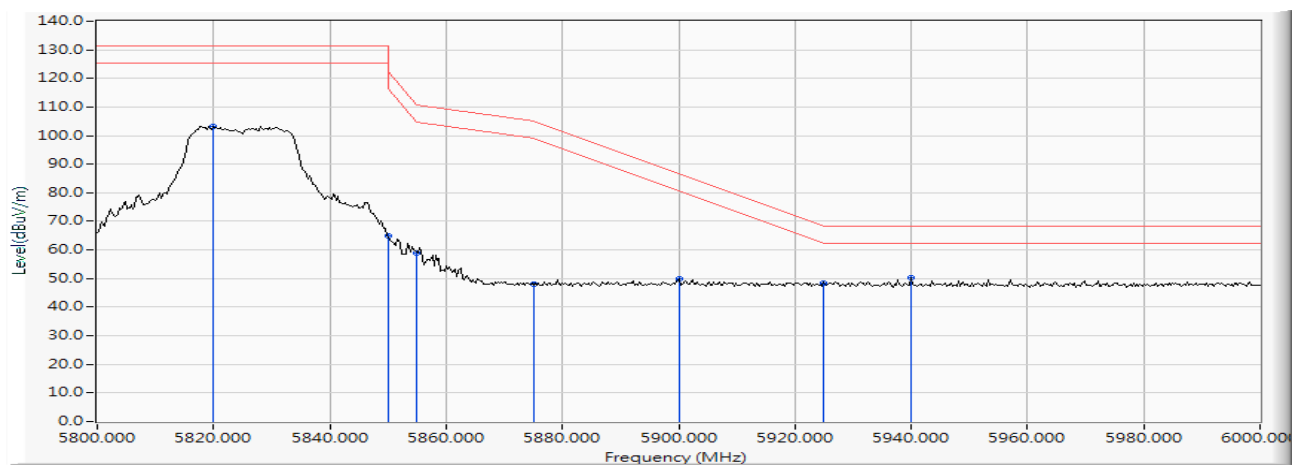
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5640.326	-5.083	52.634	47.551	--	--	--
Vertical	5650.000	-5.048	51.611	46.563	-21.657	68.220	Pass
Vertical	5676.087	-4.998	52.674	47.676	-39.838	87.514	Pass
Vertical	5700.000	-4.948	51.780	46.831	-58.369	105.200	Pass
Vertical	5720.000	-4.898	64.289	59.391	-51.409	110.800	Pass
Vertical	5725.000	-4.883	73.079	68.195	-54.005	122.200	Pass
Vertical	5750.652	-4.834	105.506	100.671	-30.529	131.200	Pass



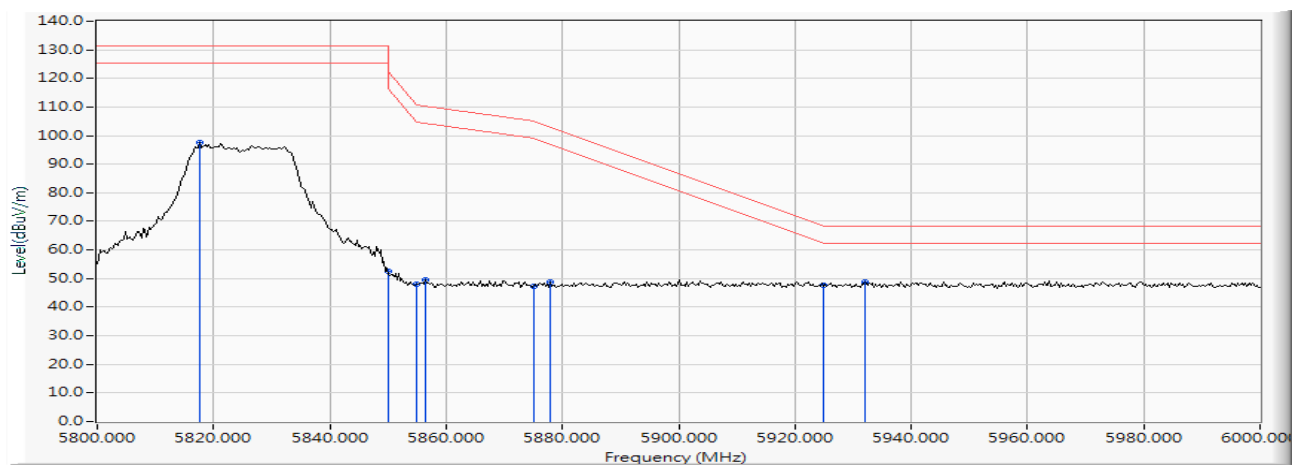
Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement:**

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5820.000	-4.638	107.936	103.298	-27.902	131.200	Pass
Horizontal	5850.000	-4.567	69.356	64.790	-66.410	131.200	Pass
Horizontal	5855.000	-4.552	63.552	59.000	-51.800	110.800	Pass
Horizontal	5875.000	-4.485	52.390	47.905	-57.295	105.200	Pass
Horizontal	5900.000	-4.410	54.417	50.006	-36.694	86.700	Pass
Horizontal	5925.000	-4.328	52.892	48.564	-19.636	68.200	Pass
Horizontal	5940.000	-4.298	54.728	50.431	--	--	--



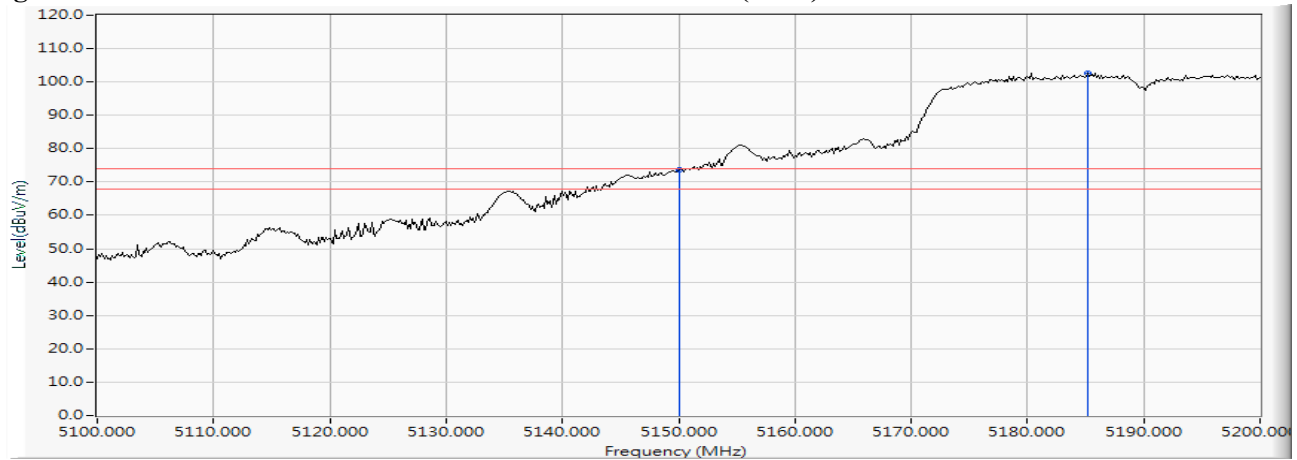
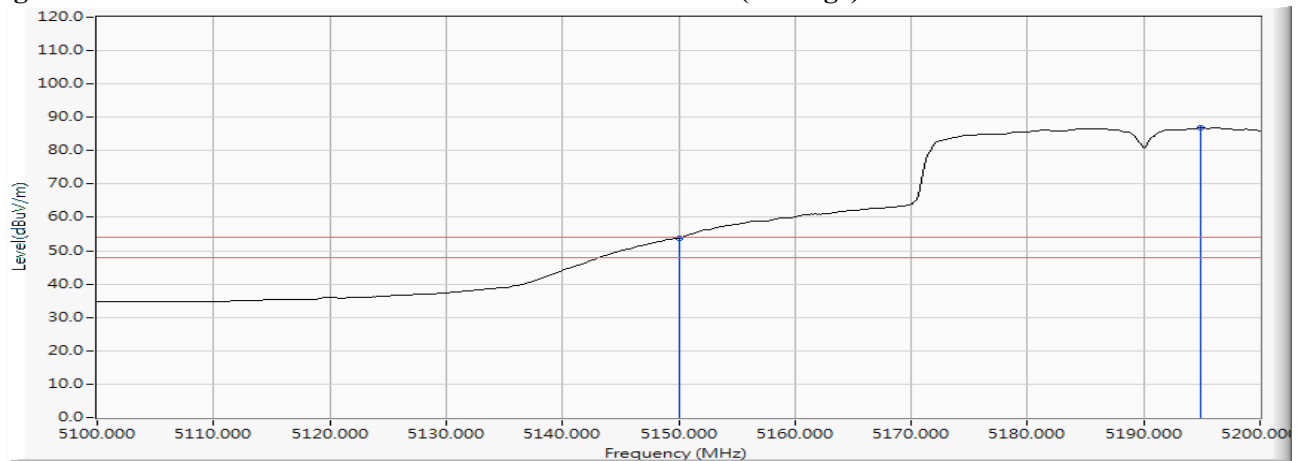
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5817.681	-4.644	102.169	97.526	-33.674	131.200	Pass
Vertical	5850.000	-4.567	57.067	52.501	-78.699	131.200	Pass
Vertical	5855.000	-4.552	52.411	47.859	-62.941	110.800	Pass
Vertical	5856.522	-4.548	54.136	49.589	-60.785	110.374	Pass
Vertical	5875.000	-4.485	51.917	47.432	-57.768	105.200	Pass
Vertical	5877.971	-4.473	53.221	48.747	-54.254	103.001	Pass
Vertical	5925.000	-4.328	51.834	47.506	-20.694	68.200	Pass
Vertical	5932.174	-4.314	52.978	48.664	--	--	--



Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5190MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
38 (Peak)	5150.000	-5.693	79.308	73.615	74.00	54.00	Pass
38 (Peak)	5185.217	-5.648	108.367	102.718	--	--	--
38 (Average)	5150.000	-5.693	59.571	53.878	74.00	54.00	Pass
38 (Average)	5194.928	-5.627	92.445	86.818	--	--	--

**Figure Channel 38:**
**Horizontal (Peak)**

**Figure Channel 38:**
**Horizontal (Average)**


Note:

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

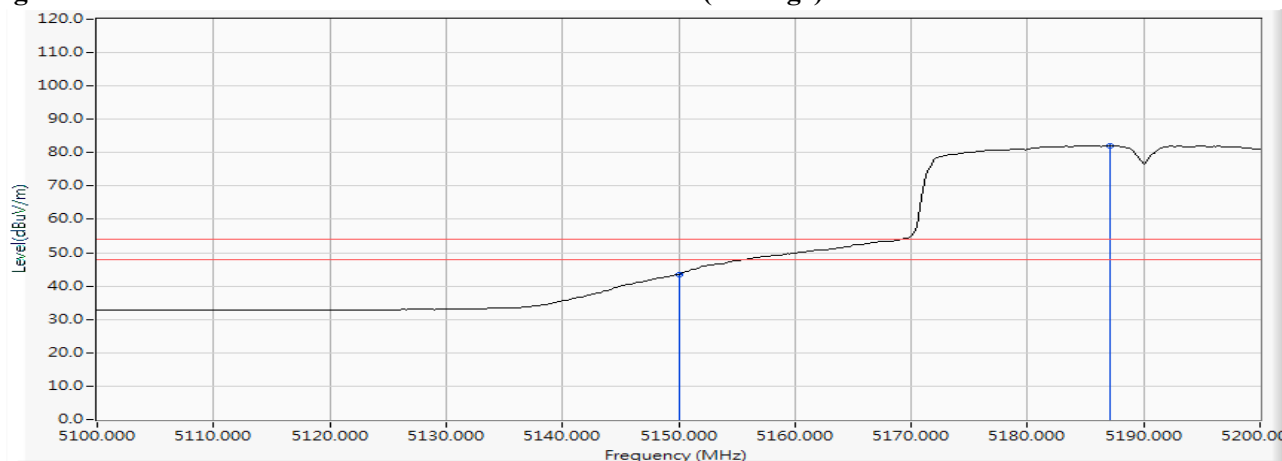


Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5190MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
38 (Peak)	5150.000	-5.693	67.446	61.753	74.00	54.00	Pass
38 (Peak)	5188.261	-5.641	103.781	98.140	--	--	--
38 (Average)	5150.000	-5.693	49.148	43.455	74.00	54.00	Pass
38 (Average)	5187.101	-5.643	87.806	82.163	--	--	--

**Figure Channel 38:**
**Vertical (Peak)**

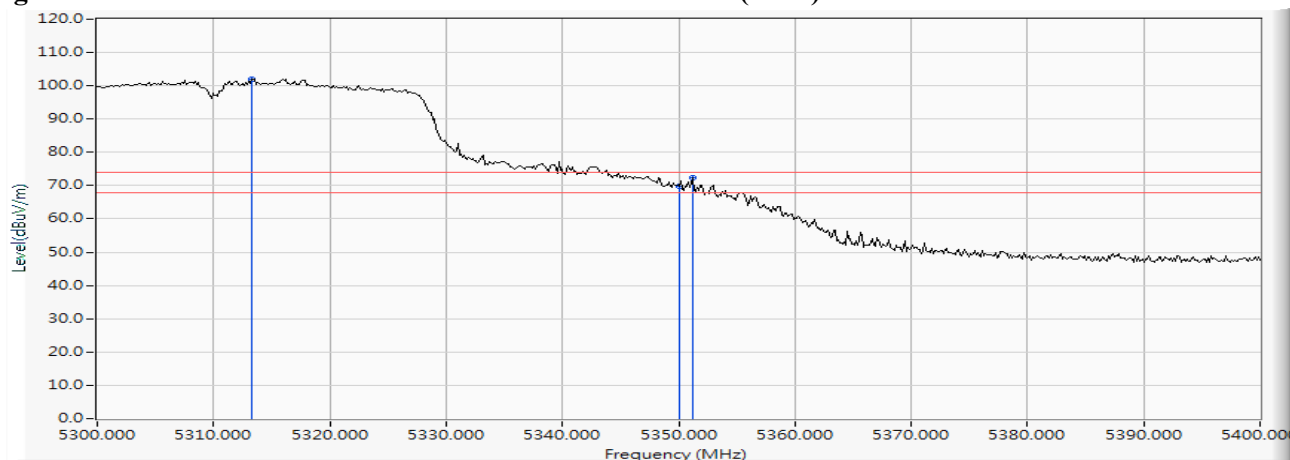
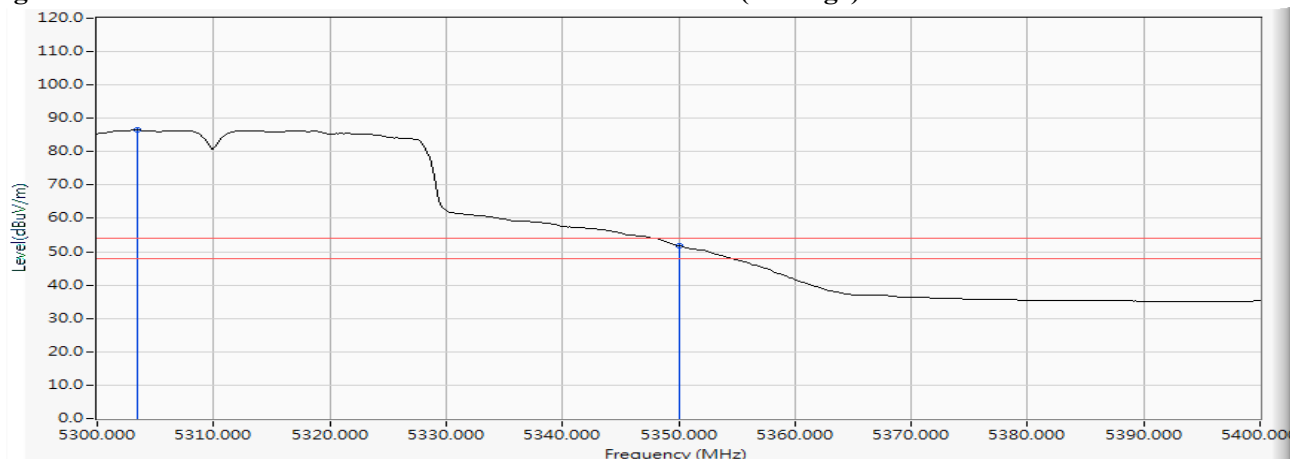
**Figure Channel 38:**
**Vertical (Average)**

**Note:**

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5310MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
62 (Peak)	5313.333	-5.465	107.422	101.957	--	--	--
62 (Peak)	5350.000	-5.448	75.326	69.878	74.00	54.00	Pass
62 (Peak)	5351.159	-5.447	77.822	72.375	74.00	54.00	Pass
62 (Average)	5303.478	-5.472	91.942	86.470	--	--	--
62 (Average)	5350.000	-5.448	57.252	51.804	74.00	54.00	Pass

**Figure Channel 62:**
**Horizontal (Peak)**

**Figure Channel 62:**
**Horizontal (Average)**


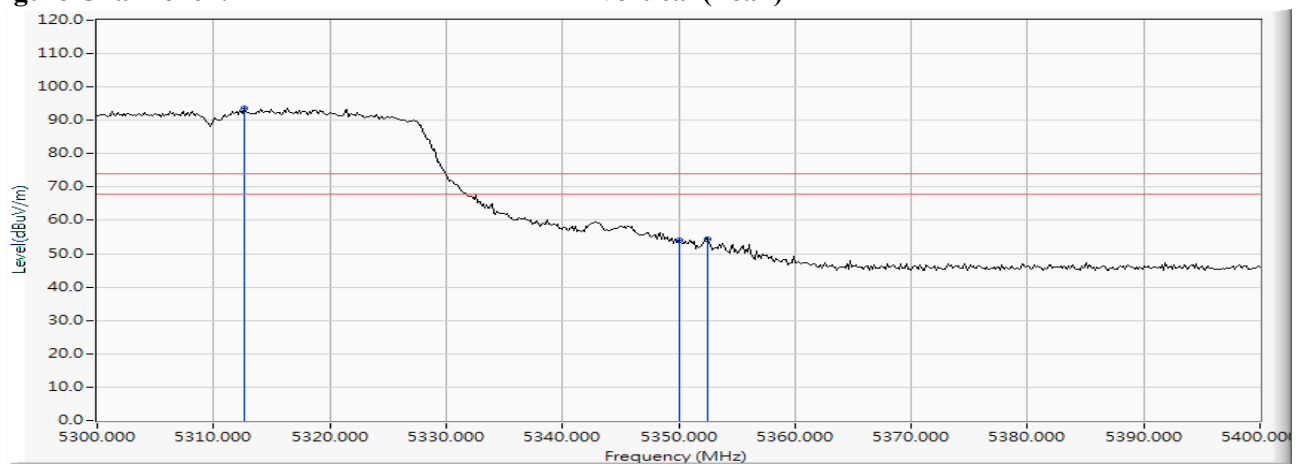
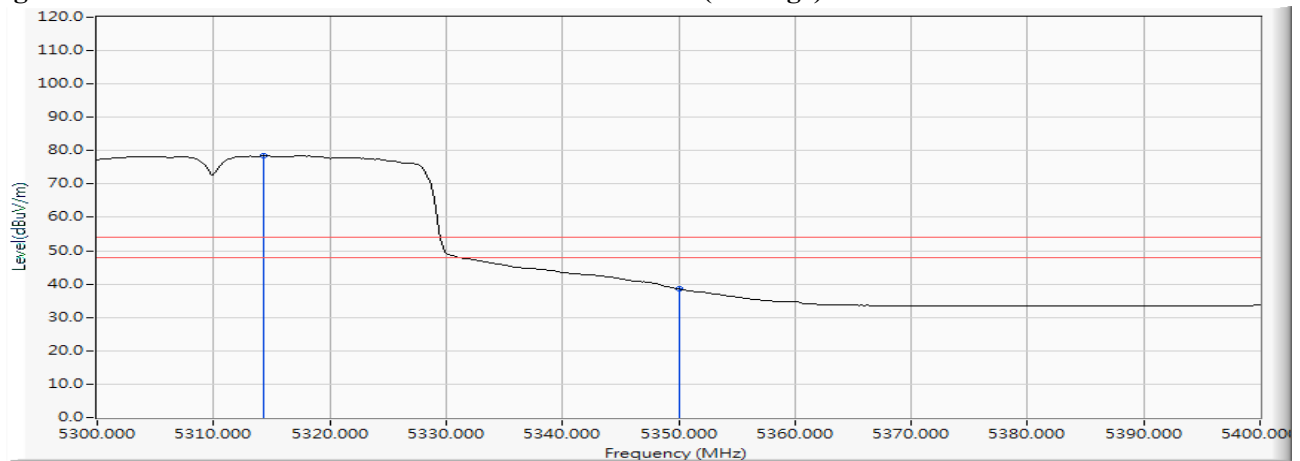
Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5310MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
62 (Peak)	5312.609	-5.466	99.188	93.722	--	--	--
62 (Peak)	5350.000	-5.448	59.631	54.183	74.00	54.00	Pass
62 (Peak)	5352.464	-5.445	59.804	54.359	74.00	54.00	Pass
62 (Average)	5314.348	-5.464	83.853	78.389	--	--	--
62 (Average)	5350.000	-5.448	44.005	38.557	74.00	54.00	Pass

**Figure Channel 62: Vertical (Peak)**

**Figure Channel 62: Vertical (Average)**


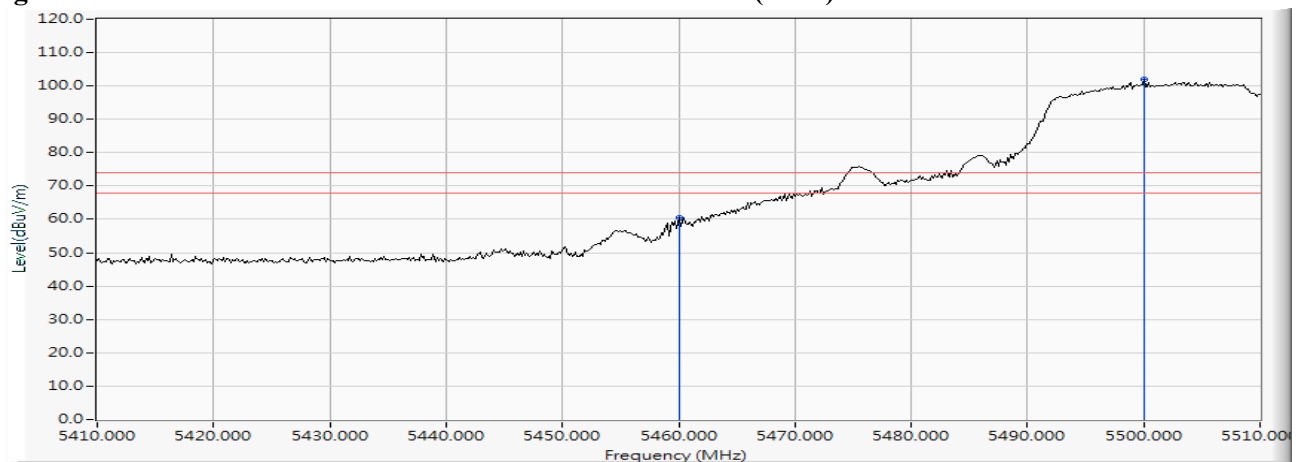
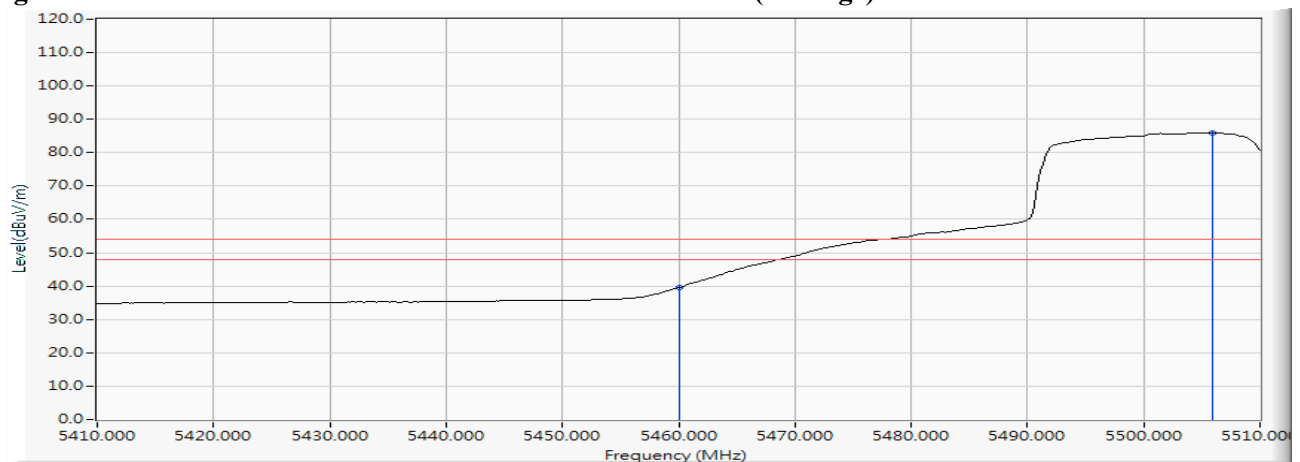
Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5510MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement (Horizontal):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB $\mu$ V)	Emission Level (dB $\mu$ V/m)	Peak Limit (dB $\mu$ V/m)	Average Limit (dB $\mu$ V/m)	Result
102 (Peak)	5460.000	-5.373	65.793	60.420	74.00	54.00	Pass
102 (Peak)	5500.000	-5.355	107.347	101.992	--	--	--
102 (Average)	5460.000	-5.373	44.881	39.508	74.00	54.00	Pass
102 (Average)	5505.942	-5.353	91.254	85.902	--	--	--

**Figure Channel 102: Horizontal (Peak)**

**Figure Channel 102: Horizontal (Average)**


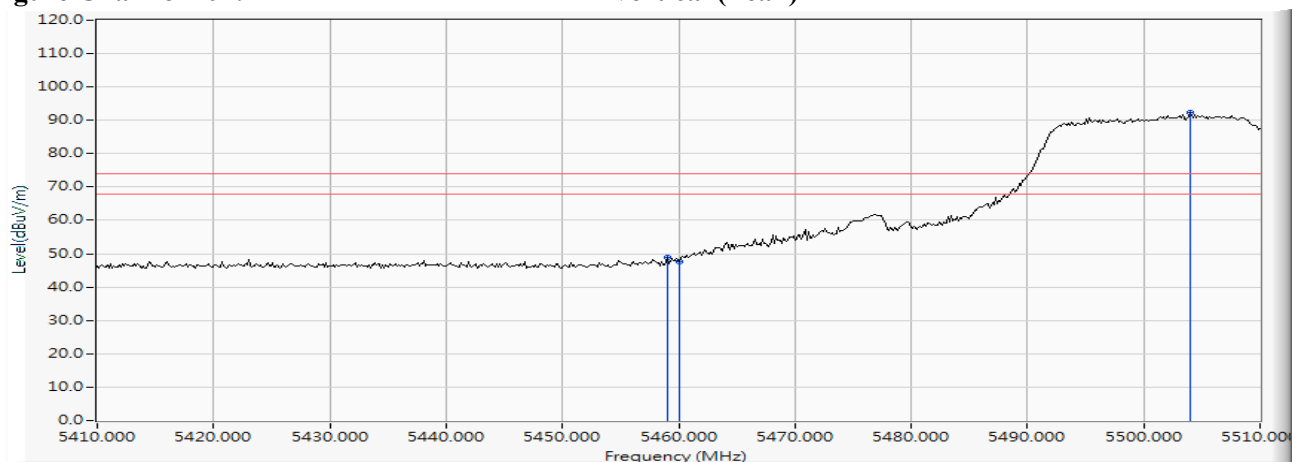
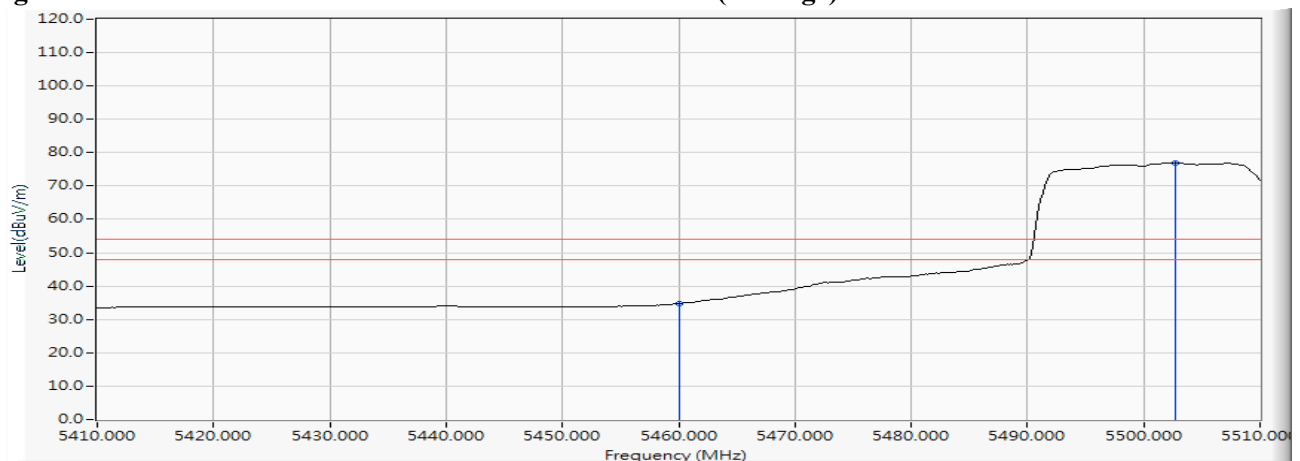
Note:

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

Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5510MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement (Vertical):**

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
102 (Peak)	5458.986	-5.373	54.229	48.856	74.00	54.00	Pass
102 (Peak)	5460.000	-5.373	52.911	47.538	74.00	54.00	Pass
102 (Peak)	5504.058	-5.353	97.590	92.236	--	--	--
102 (Average)	5460.000	-5.373	40.156	34.783	74.00	54.00	Pass
102 (Average)	5502.754	-5.355	82.295	76.941	--	--	--

**Figure Channel 102: Vertical (Peak)**

**Figure Channel 102: Vertical (Average)**


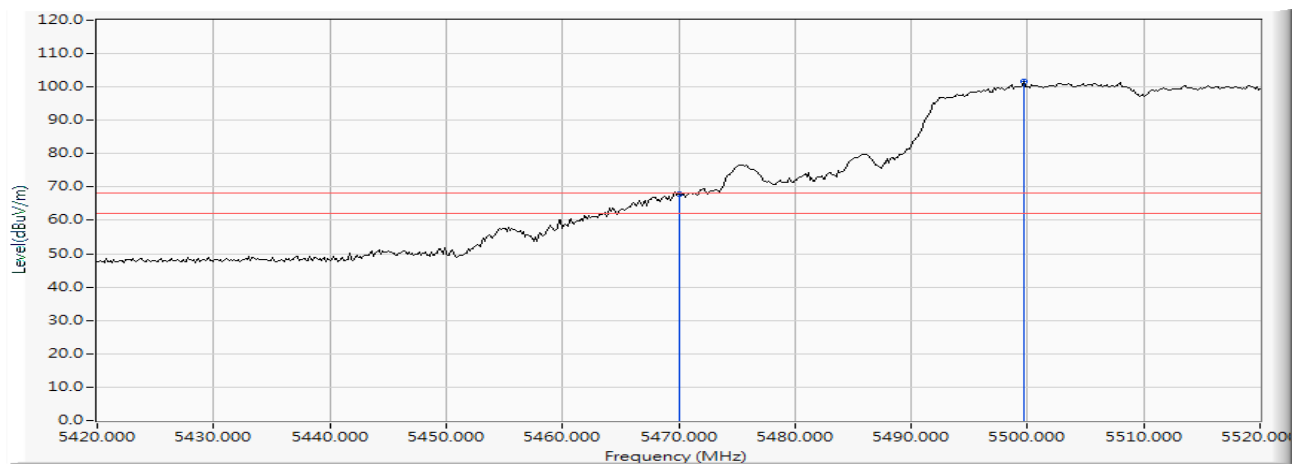
Note:

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

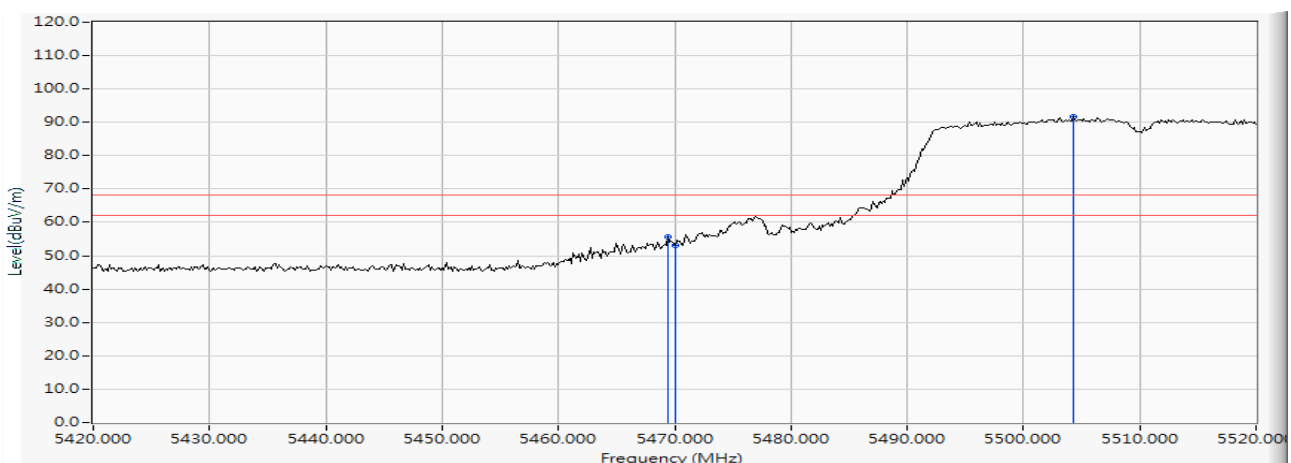
Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5510MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement:**

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5470.000	-5.376	73.277	67.900	-0.320	68.220	Pass
Horizontal	5499.710	-5.355	106.896	101.541	--	--	--



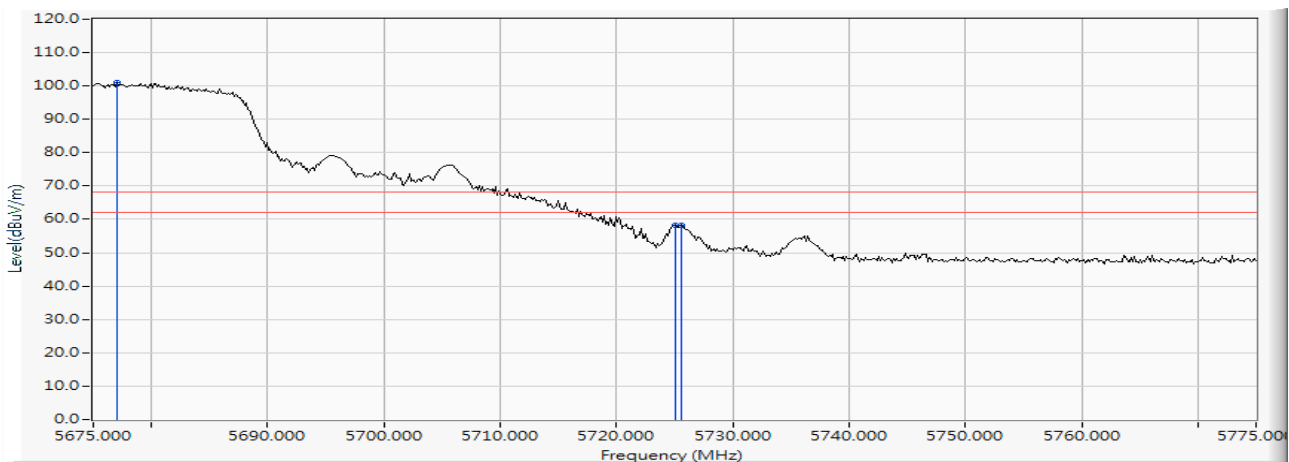
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5469.420	-5.376	60.986	55.610	-12.610	68.220	Pass
Vertical	5470.000	-5.376	58.592	53.215	-15.005	68.220	Pass
Vertical	5504.348	-5.353	97.084	91.730	--	--	--



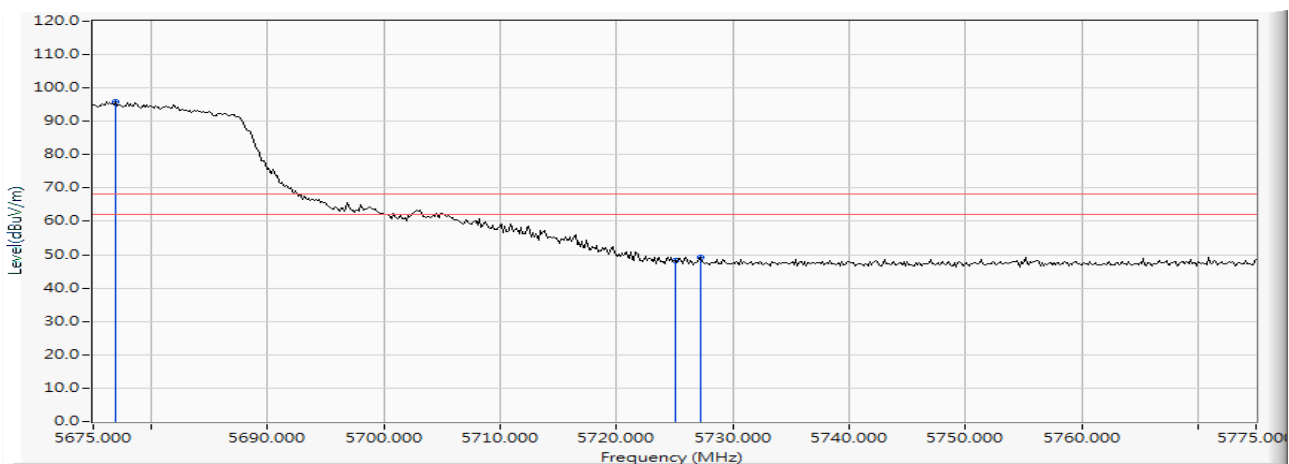
Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5670MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement:**

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5677.029	-4.996	105.958	100.962	--	--	--
Horizontal	5725.000	-4.883	62.967	58.083	-10.137	68.220	Pass
Horizontal	5725.580	-4.881	63.153	58.271	-9.949	68.220	Pass



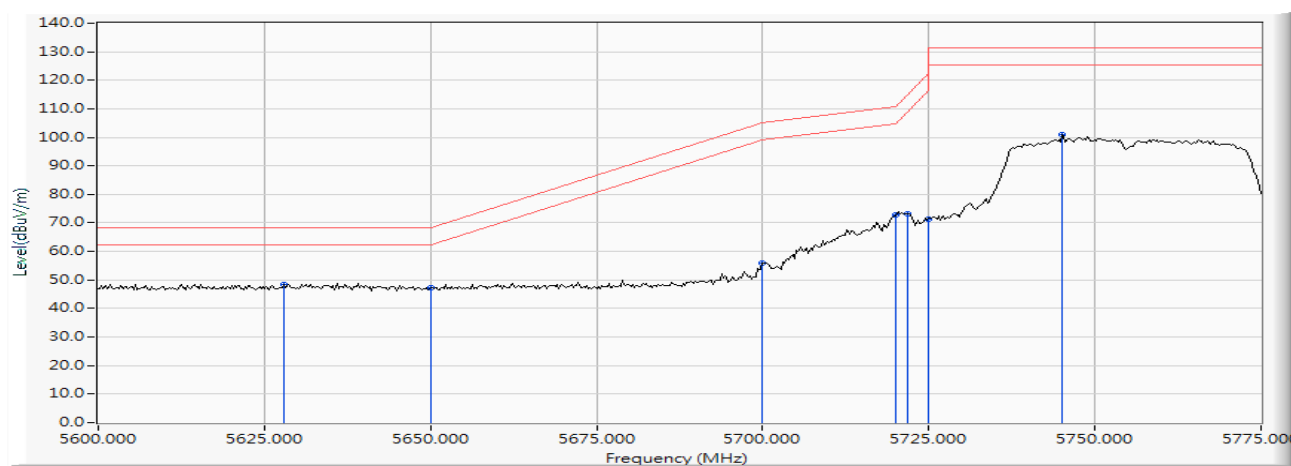
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5676.884	-4.996	100.803	95.807	--	--	--
Vertical	5725.000	-4.883	53.170	48.286	-19.934	68.220	Pass
Vertical	5727.174	-4.878	54.173	49.295	-18.925	68.220	Pass



Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5755MHz)  
 Test Date : 2017/06/14

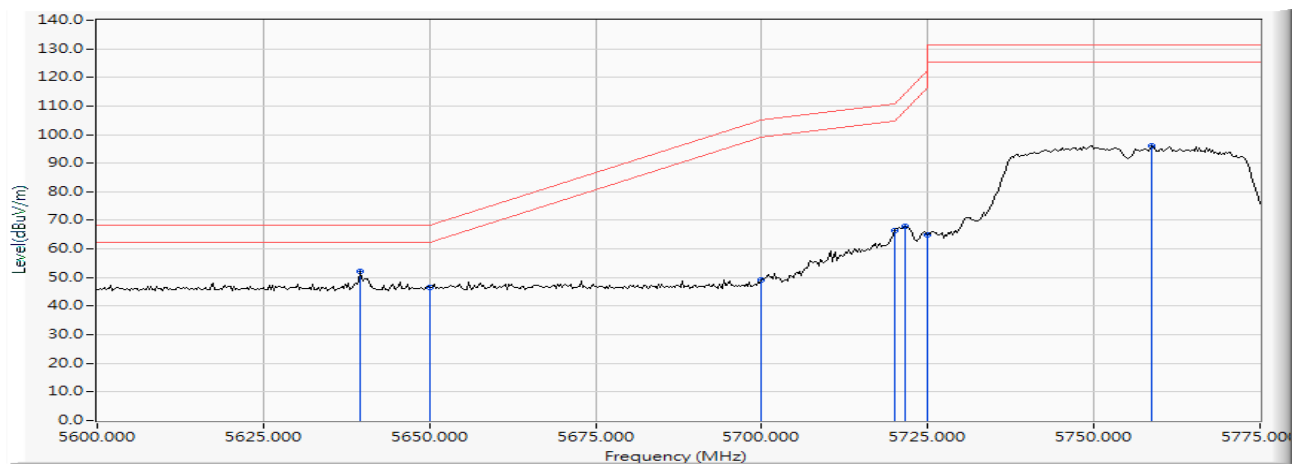
**RF Radiated Measurement:**

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5627.899	-5.106	53.445	48.339	--	--	--
Horizontal	5650.000	-5.048	52.504	47.456	-20.764	68.220	Pass
Horizontal	5700.000	-4.948	60.881	55.932	-49.268	105.200	Pass
Horizontal	5720.000	-4.898	77.611	72.713	-38.087	110.800	Pass
Horizontal	5721.739	-4.893	78.171	73.278	-41.487	114.765	Pass
Horizontal	5725.000	-4.883	76.338	71.454	-50.746	122.200	Pass
Horizontal	5745.072	-4.849	105.740	100.891	-30.309	131.200	Pass





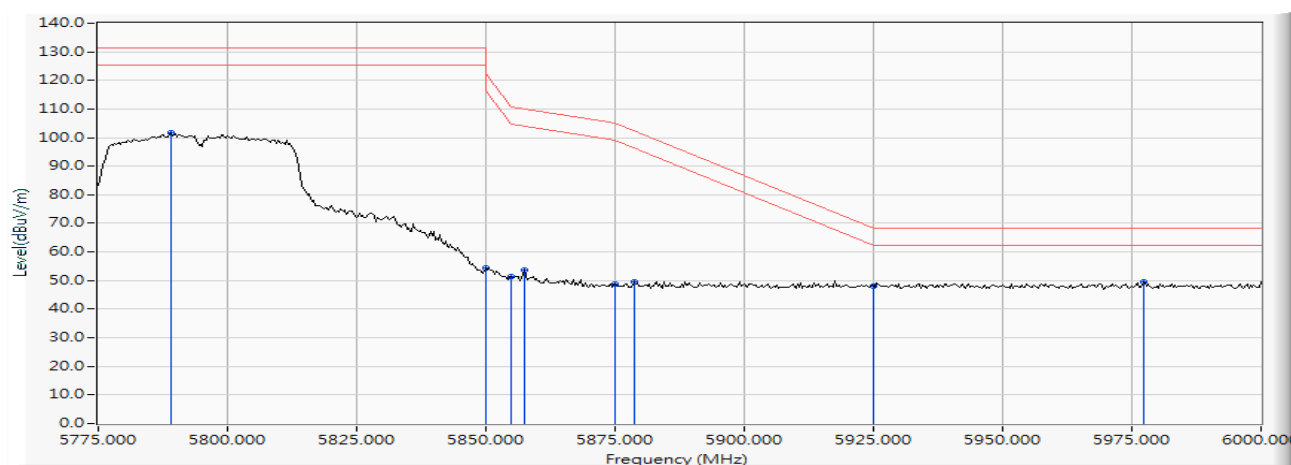
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5639.565	-5.086	57.091	52.006	--	--	--
Vertical	5650.000	-5.048	51.531	46.483	-21.737	68.220	Pass
Vertical	5700.000	-4.948	54.199	49.250	-55.950	105.200	Pass
Vertical	5720.000	-4.898	71.473	66.575	-44.225	110.800	Pass
Vertical	5721.486	-4.893	72.764	67.870	-46.318	114.188	Pass
Vertical	5725.000	-4.883	69.975	65.091	-57.109	122.200	Pass
Vertical	5758.768	-4.816	100.911	96.095	-35.105	131.200	Pass



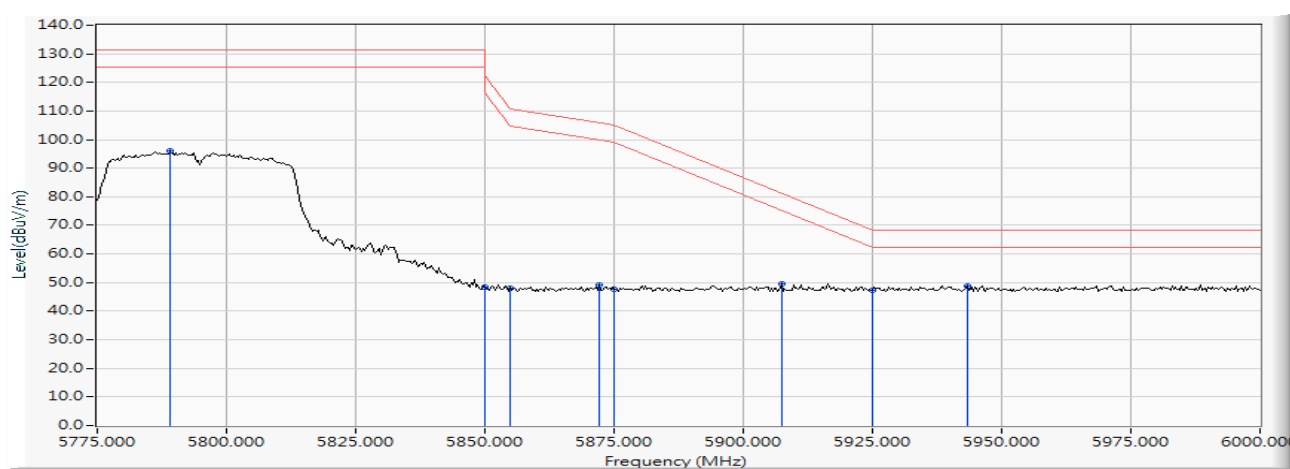
Product : Mobile Medical Assistant Tablet  
 Test Item : Band Edge Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5795MHz)  
 Test Date : 2017/06/14

**RF Radiated Measurement:**

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5789.022	-4.739	106.465	101.726	-29.474	131.200	Pass
Horizontal	5850.000	-4.567	59.134	54.568	-67.632	122.200	Pass
Horizontal	5855.000	-4.552	55.876	51.324	-59.476	110.800	Pass
Horizontal	5857.500	-4.544	58.290	53.746	-56.354	110.100	Pass
Horizontal	5875.000	-4.485	53.243	48.758	-56.442	105.200	Pass
Horizontal	5878.696	-4.471	53.843	49.372	-53.093	102.465	Pass
Horizontal	5925.000	-4.328	52.364	48.036	-20.164	68.200	Pass
Horizontal	5977.174	-4.186	53.795	49.609	--	--	--

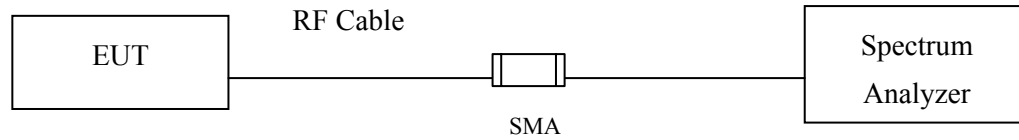


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5789.022	-4.739	100.810	96.071	-35.129	131.200	Pass
Vertical	5850.000	-4.567	52.993	48.427	-73.773	122.200	Pass
Vertical	5855.000	-4.552	52.589	48.037	-62.763	110.800	Pass
Vertical	5872.174	-4.495	53.538	49.043	-56.948	105.991	Pass
Vertical	5875.000	-4.485	52.309	47.824	-57.376	105.200	Pass
Vertical	5907.391	-4.393	53.806	49.413	-31.818	81.231	Pass
Vertical	5925.000	-4.328	51.705	47.377	-20.823	68.200	Pass
Vertical	5943.261	-4.289	53.057	48.767	--	--	--



## 7. Occupied Bandwidth

### 7.1. Test Setup



### 7.2. Limits

For the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz

### 7.3. Test Procedure

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

### 7.4. Uncertainty

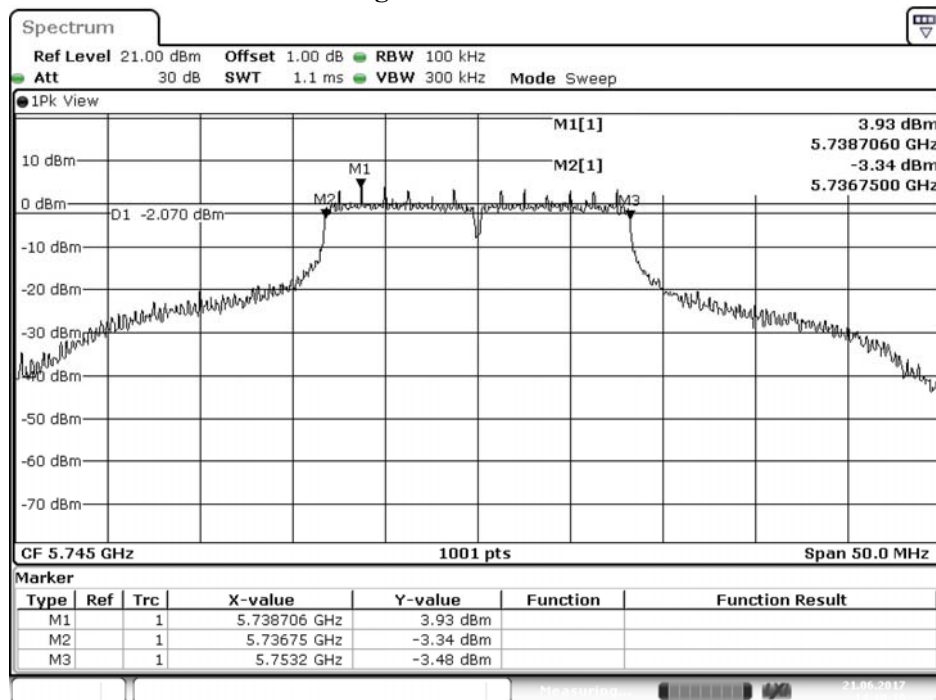
$\pm 671.83\text{Hz}$

## 7.5. Test Result of Occupied Bandwidth

Product : Mobile Medical Assistant Tablet  
 Test Item : Occupied Bandwidth Data  
 Test Mode : Mode 1: Transmit (802.11a-6Mbps)  
 Test Date : 2017/06/21

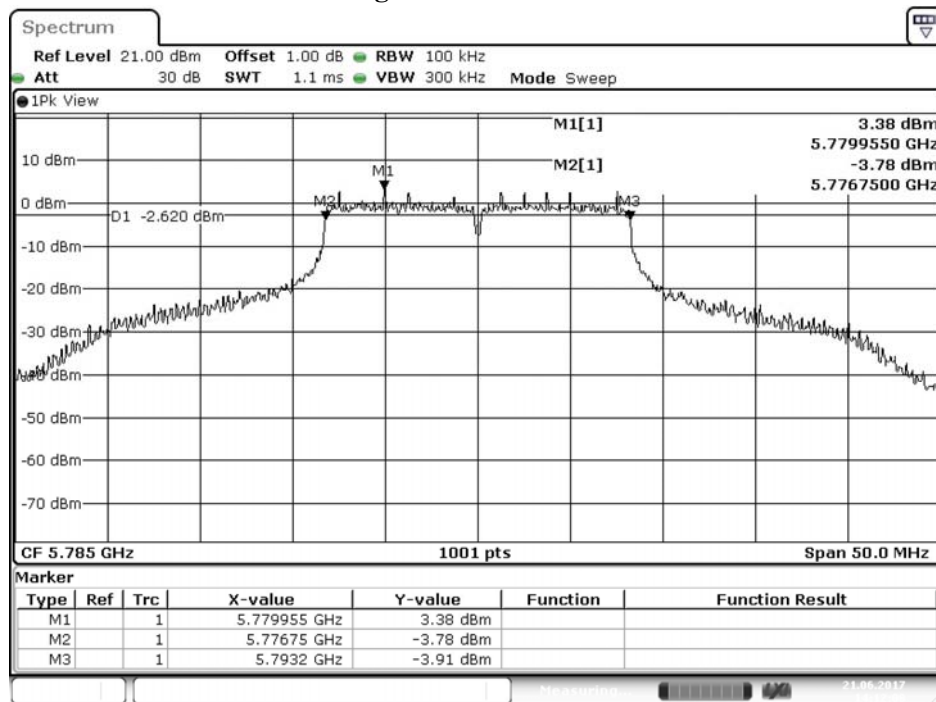
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745	16450	>500	Pass
157	5785	16450	>500	Pass
165	5825	16400	>500	Pass

Figure Channel 149:



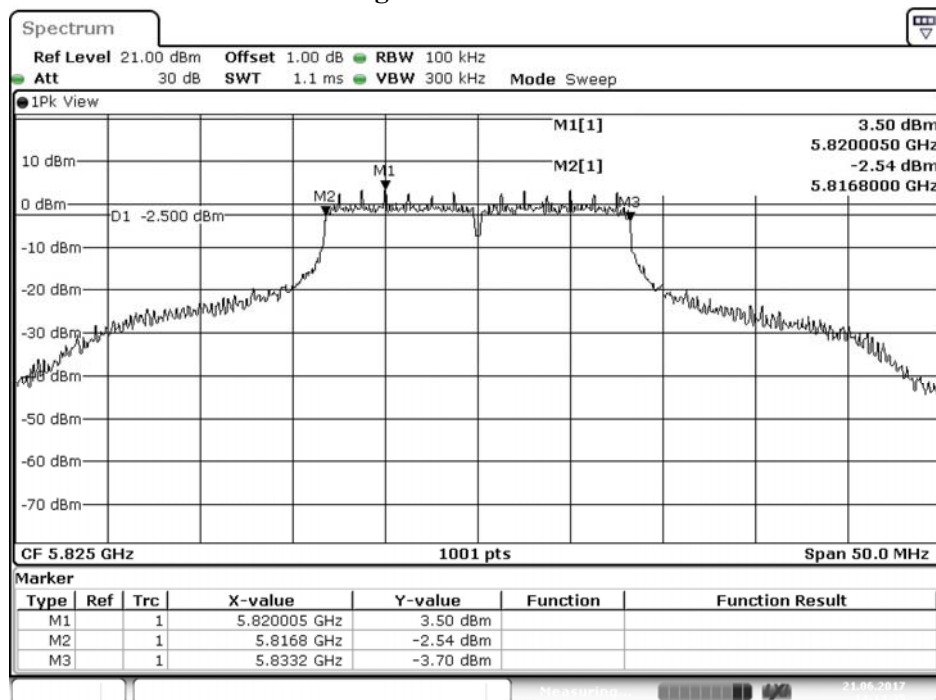
Date: 21.JUN.2017 14:10:19

Figure Channel 157:



Date: 21.JUN.2017 14:12:08

Figure Channel 165:

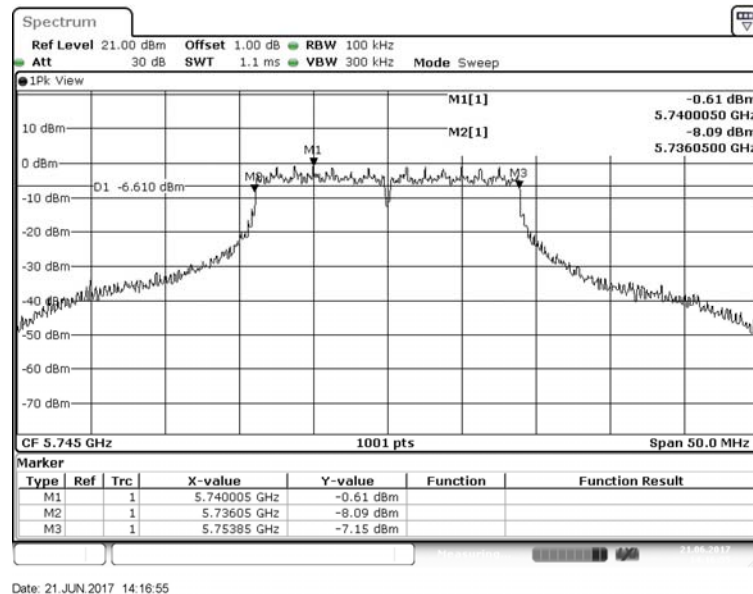


Date: 21.JUN.2017 14:14:36

Product : Mobile Medical Assistant Tablet  
 Test Item : Occupied Bandwidth Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps)  
 Test Date : 2017/06/21

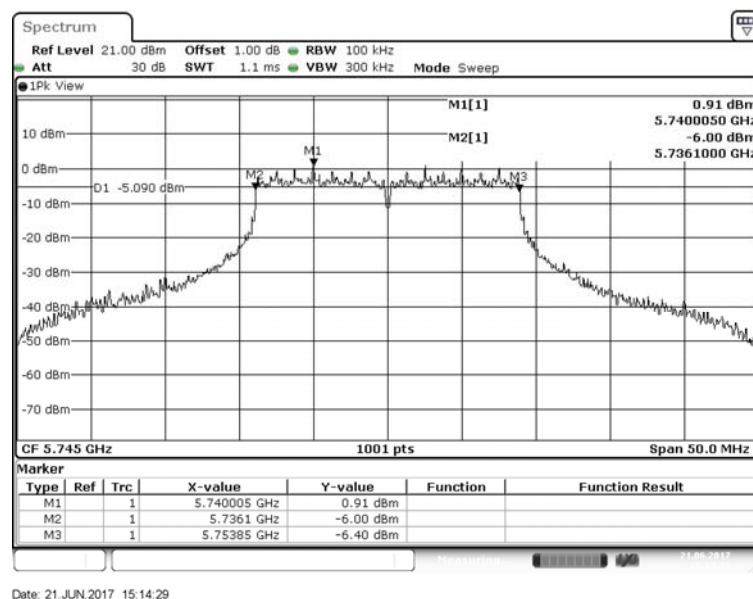
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	17800	>500	Pass

Figure Channel 149: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	17750	>500	Pass

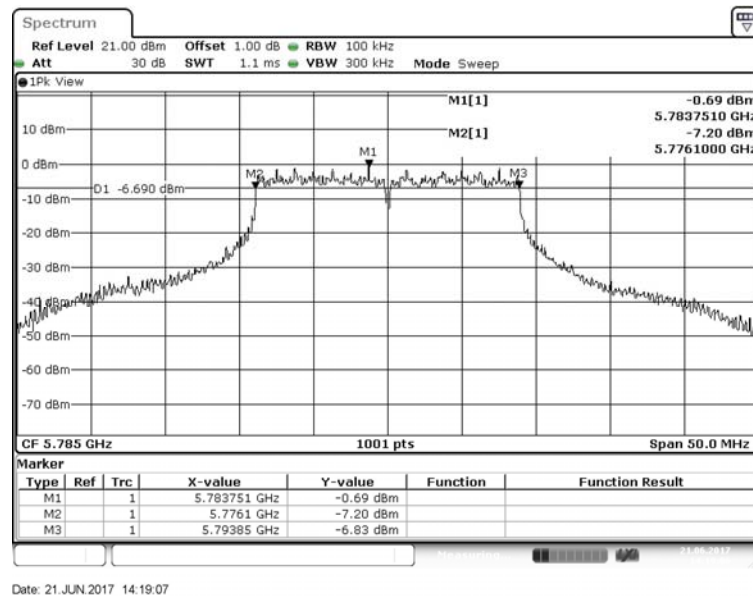
Figure Channel 149: (Chain B)



Product : Mobile Medical Assistant Tablet  
 Test Item : Occupied Bandwidth Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps)  
 Test Date : 2017/06/21

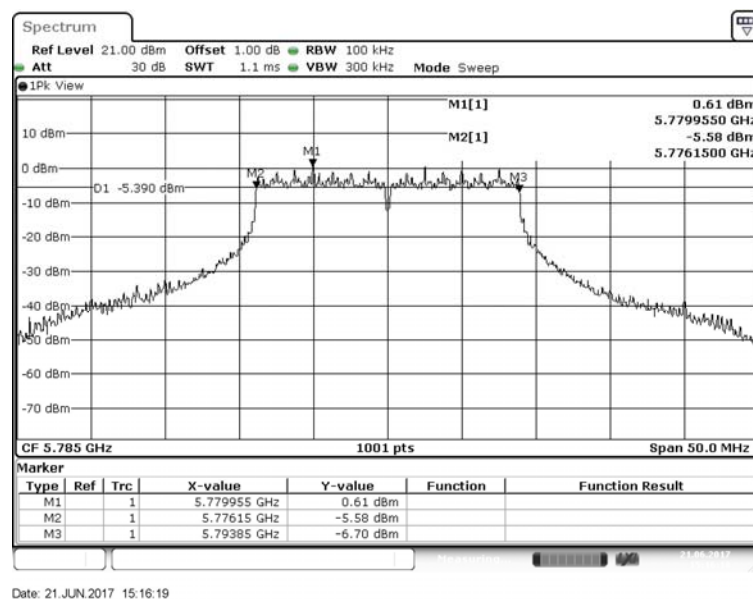
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	17750	>500	Pass

Figure Channel 157: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	17700	>500	Pass

Figure Channel 157: (Chain B)

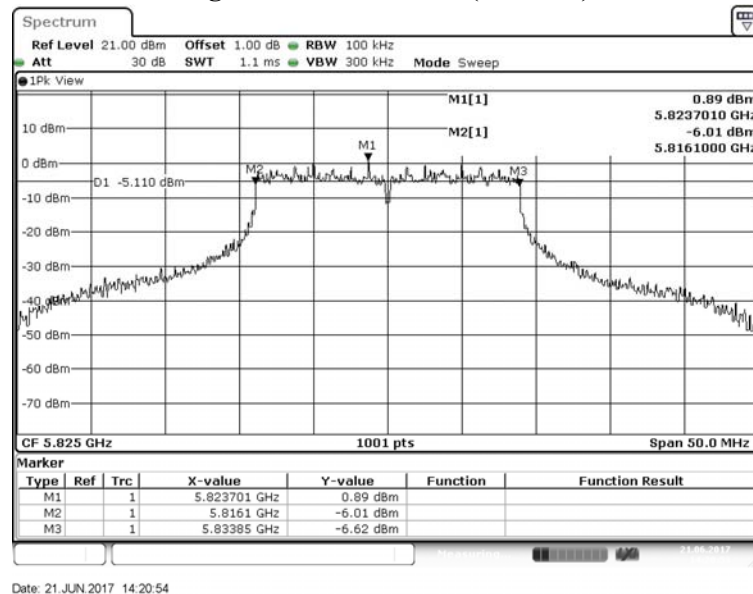




Product : Mobile Medical Assistant Tablet  
 Test Item : Occupied Bandwidth Data  
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps)  
 Test Date : 2017/06/21

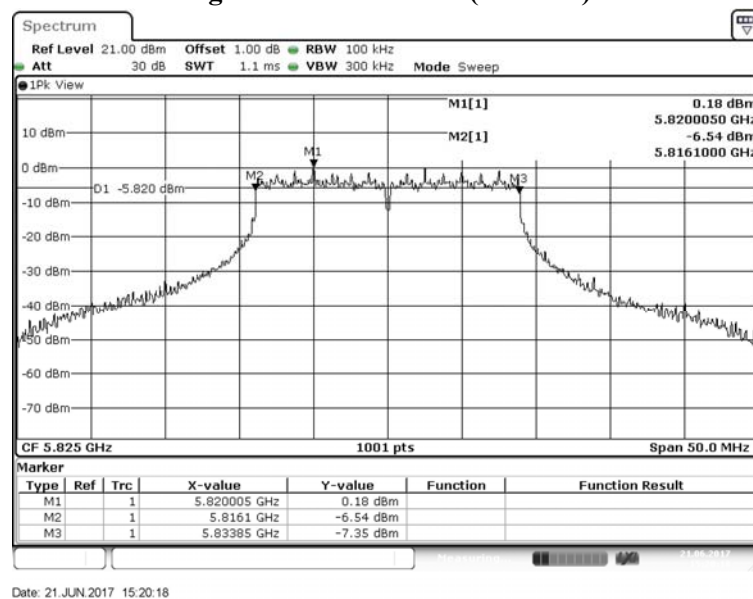
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	17750	>500	Pass

Figure Channel 165: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	17750	>500	Pass

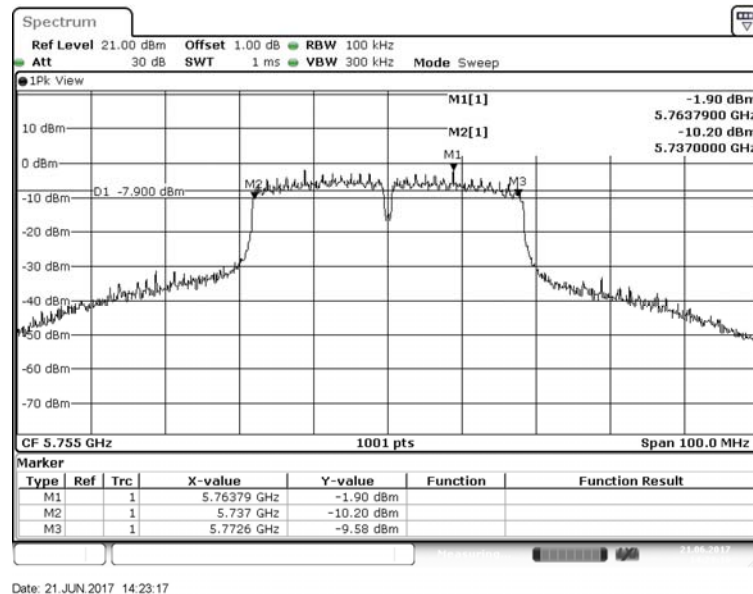
Figure Channel 165: (Chain B)



Product : Mobile Medical Assistant Tablet  
 Test Item : Occupied Bandwidth Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps)  
 Test Date : 2017/06/21

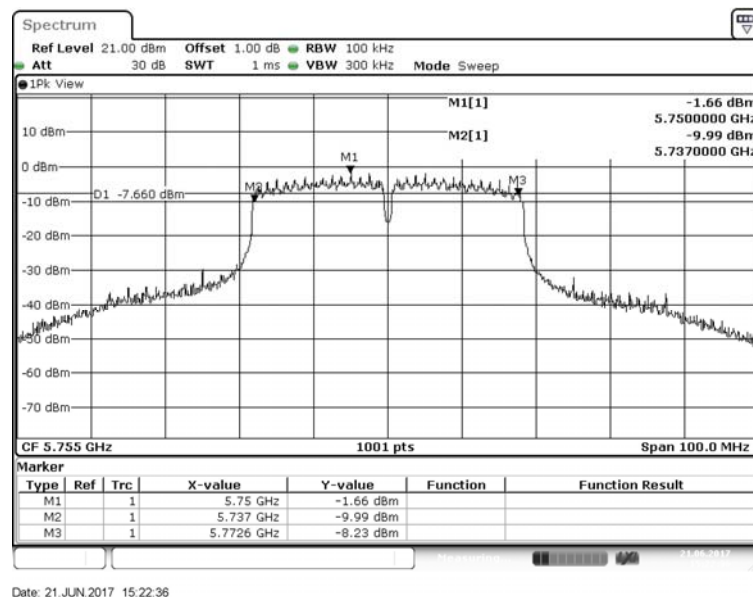
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755.00	35600	>500	Pass

Figure Channel 151: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755.00	35600	>500	Pass

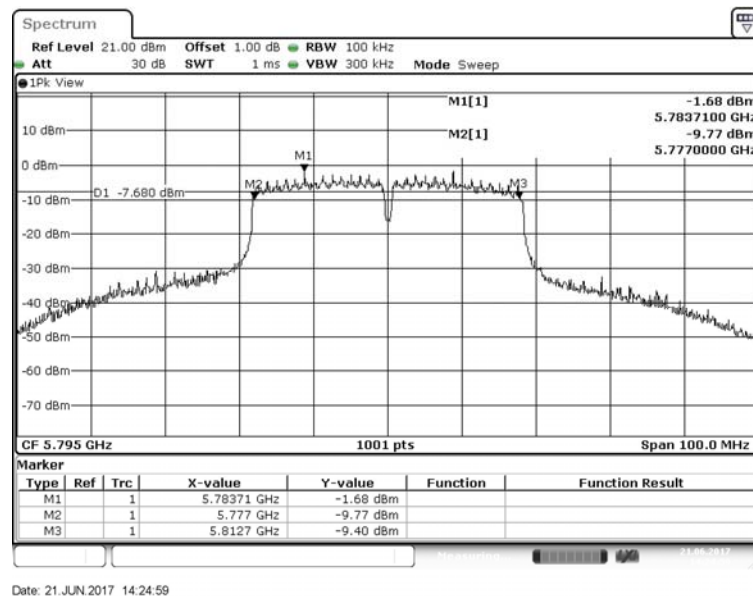
Figure Channel 151: (Chain B)



Product : Mobile Medical Assistant Tablet  
 Test Item : Occupied Bandwidth Data  
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps)  
 Test Date : 2017/06/21

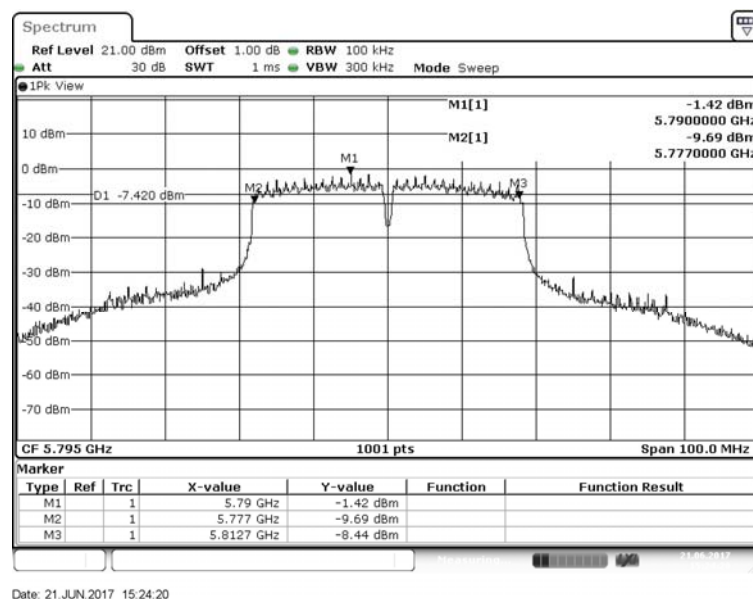
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
159	5795.00	35700	>500	Pass

Figure Channel 159: (Chain A)



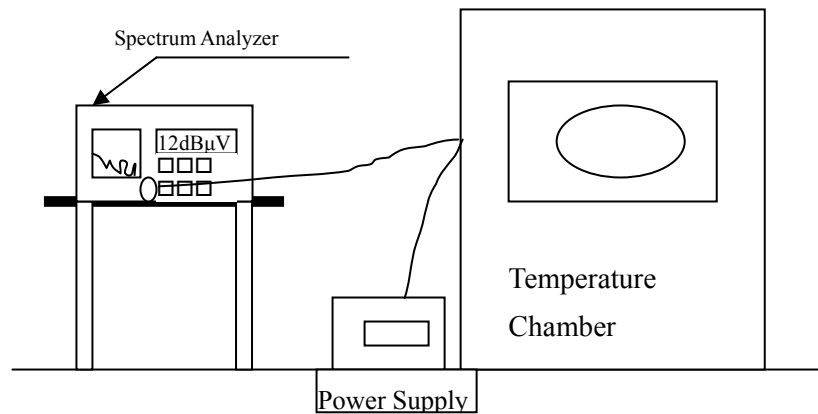
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
159	5795.00	35700	>500	Pass

Figure Channel 159: (Chain B)



## 8. Frequency Stability

### 8.1. Test Setup



### 8.2. Limits

Manufactures of U-NII 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

### 8.3. Test Procedure

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

### 8.4. Uncertainty

$\pm 671.83\text{Hz}$

## 8.5. Test Result of Frequency Stability

Product : Mobile Medical Assistant Tablet  
 Test Item : Frequency Stability  
 Test Mode : Carrier Wave  
 Test Date : 2017/06/29

### CHAIN A

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\Delta F$ (MHz)
Tnom (20)°C	Vnom (110)V	36	5180.0000	5180.0021	-0.0021
		38	5190.0000	5190.0023	-0.0023
		44	5220.0000	5220.0110	-0.0110
		46	5230.0000	5230.0047	-0.0047
		48	5240.0000	5240.0097	-0.0097
		52	5260.0000	5260.0059	-0.0059
		54	5270.0000	5270.0033	-0.0033
		60	5300.0000	5300.0088	-0.0088
		62	5310.0000	5310.0097	-0.0097
		64	5320.0000	5320.0075	-0.0075
		100	5500.0000	5500.0041	-0.0041
		102	5510.0000	5510.0078	-0.0078
		110	5550.0000	5550.0101	-0.0101
		116	5580.0000	5580.0064	-0.0064
		134	5670.0000	5670.0047	-0.0047
		140	5700.0000	5700.0064	-0.0064
		149	5745.0000	5745.0097	-0.0097
		151	5755.0000	5755.0053	-0.0053
		157	5785.0000	5785.0064	-0.0064
		159	5795.0000	5795.0026	-0.0026
		165	5825.0000	5825.0011	-0.0011

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\Delta F$ (MHz)
Tmax (70)°C	Vmax (126.5)V	36	5180.0000	5180.0102	-0.0102
		38	5190.0000	5190.0023	-0.0023
		44	5220.0000	5220.0087	-0.0087
		46	5230.0000	5230.0135	-0.0135
		48	5240.0000	5240.0065	-0.0065
		52	5260.0000	5260.0111	-0.0111
		54	5270.0000	5270.0156	-0.0156
		60	5300.0000	5300.0027	-0.0027
		62	5310.0000	5310.0085	-0.0085
		64	5320.0000	5320.0125	-0.0125
		100	5500.0000	5500.0038	-0.0038
		102	5510.0000	5510.0052	-0.0052
		110	5550.0000	5550.0028	-0.0028
		116	5580.0000	5580.0006	-0.0006
		134	5670.0000	5670.0016	-0.0016
		140	5700.0000	5700.0078	-0.0078
		149	5745.0000	5745.0064	-0.0064
		151	5755.0000	5755.0074	-0.0074
		157	5785.0000	5785.0038	-0.0038
		159	5795.0000	5795.0079	-0.0079
		165	5825.0000	5825.0005	-0.0005

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\Delta F$ (MHz)
Tmax (70)°C	Vmin (93.5)V	36	5180.0000	5180.0063	-0.0063
		38	5190.0000	5190.0027	-0.0027
		44	5220.0000	5220.0028	-0.0028
		46	5230.0000	5230.0084	-0.0084
		48	5240.0000	5240.0044	-0.0044
		52	5260.0000	5260.0043	-0.0043
		54	5270.0000	5270.0105	-0.0105
		60	5300.0000	5300.0086	-0.0086
		62	5310.0000	5310.0023	-0.0023
		64	5320.0000	5320.0064	-0.0064
		100	5500.0000	5500.0040	-0.0040
		102	5510.0000	5510.0066	-0.0066
		110	5550.0000	5550.0121	-0.0121
		116	5580.0000	5580.0023	-0.0023
		134	5670.0000	5670.0052	-0.0052
		140	5700.0000	5700.0024	-0.0024
		149	5745.0000	5745.0011	-0.0011
		151	5755.0000	5755.0054	-0.0054
		157	5785.0000	5785.0021	-0.0021
		159	5795.0000	5795.0101	-0.0101
		165	5825.0000	5825.0042	-0.0042

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\Delta F$ (MHz)
Tmin (-10)°C	Vmax (126.5)V	36	5180.0000	5180.0012	-0.0012
		38	5190.0000	5190.0021	-0.0021
		44	5220.0000	5220.0109	-0.0109
		46	5230.0000	5230.0022	-0.0022
		48	5240.0000	5240.0143	-0.0143
		52	5260.0000	5260.0022	-0.0022
		54	5270.0000	5270.0021	-0.0021
		60	5300.0000	5300.0021	-0.0021
		62	5310.0000	5310.0085	-0.0085
		64	5320.0000	5320.0112	-0.0112
		100	5500.0000	5500.0073	-0.0073
		102	5510.0000	5510.0032	-0.0032
		110	5550.0000	5550.0024	-0.0024
		116	5580.0000	5580.0028	-0.0028
		134	5670.0000	5670.0137	-0.0137
		140	5700.0000	5700.0086	-0.0086
		149	5745.0000	5745.0095	-0.0095
		151	5755.0000	5755.0069	-0.0069
		157	5785.0000	5785.0018	-0.0018
		159	5795.0000	5795.0098	-0.0098
		165	5825.0000	5825.0090	-0.0090



Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\Delta F$ (MHz)
Tmin (-10)°C	Vmin (93.5)V	36	5180.0000	5180.0012	-0.0012
		38	5190.0000	5190.0021	-0.0021
		44	5220.0000	5220.0109	-0.0109
		46	5230.0000	5230.0022	-0.0022
		48	5240.0000	5240.0143	-0.0143
		52	5260.0000	5260.0022	-0.0022
		54	5270.0000	5270.0021	-0.0021
		60	5300.0000	5300.0021	-0.0021
		62	5310.0000	5310.0085	-0.0085
		64	5320.0000	5320.0112	-0.0112
		100	5500.0000	5500.0073	-0.0073
		102	5510.0000	5510.0032	-0.0032
		110	5550.0000	5550.0024	-0.0024
		116	5580.0000	5580.0028	-0.0028
		134	5670.0000	5670.0137	-0.0137
		140	5700.0000	5700.0086	-0.0086
		149	5745.0000	5745.0095	-0.0095
		151	5755.0000	5755.0069	-0.0069
		157	5785.0000	5785.0018	-0.0018
		159	5795.0000	5795.0098	-0.0098
		165	5825.0000	5825.0090	-0.0090

**CHAIN B**

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\Delta F$ (MHz)
Tnom (20)°C	Vnom (110)V	36	5180.0000	5180.0078	-0.0078
		38	5190.0000	5190.0011	-0.0011
		44	5220.0000	5220.0084	-0.0084
		46	5230.0000	5230.0032	-0.0032
		48	5240.0000	5240.0051	-0.0051
		52	5260.0000	5260.0074	-0.0074
		54	5270.0000	5270.0071	-0.0071
		60	5300.0000	5300.0031	-0.0031
		62	5310.0000	5310.0034	-0.0034
		64	5320.0000	5320.0084	-0.0084
		100	5500.0000	5500.0045	-0.0045
		102	5510.0000	5510.0049	-0.0049
		110	5550.0000	5550.0107	-0.0107
		116	5580.0000	5580.0079	-0.0079
		134	5670.0000	5670.0072	-0.0072
		140	5700.0000	5700.0023	-0.0023
		149	5745.0000	5745.0062	-0.0062
		151	5755.0000	5755.0111	-0.0111
		157	5785.0000	5785.0117	-0.0117
		159	5795.0000	5795.0027	-0.0027
		165	5825.0000	5825.0104	-0.0104

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\Delta F$ (MHz)
Tmax (70)°C	Vmax (126.5)V	36	5180.0000	5180.0053	-0.0053
		38	5190.0000	5190.0089	-0.0089
		44	5220.0000	5220.0104	-0.0104
		46	5230.0000	5230.0028	-0.0028
		48	5240.0000	5240.0037	-0.0037
		52	5260.0000	5260.0078	-0.0078
		54	5270.0000	5270.0026	-0.0026
		60	5300.0000	5300.0099	-0.0099
		62	5310.0000	5310.0065	-0.0065
		64	5320.0000	5320.0165	-0.0165
		100	5500.0000	5500.0038	-0.0038
		102	5510.0000	5510.0028	-0.0028
		110	5550.0000	5550.0028	-0.0028
		116	5580.0000	5580.0052	-0.0052
		134	5670.0000	5670.0117	-0.0117
		140	5700.0000	5700.0126	-0.0126
		149	5745.0000	5745.0062	-0.0062
		151	5755.0000	5755.0011	-0.0011
		157	5785.0000	5785.0018	-0.0018
		159	5795.0000	5795.0084	-0.0084
		165	5825.0000	5825.0042	-0.0042

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\Delta F$ (MHz)
Tmax (70)°C	Vmin (93.5)V	36	5180.0000	5180.0061	-0.0061
		38	5190.0000	5190.0053	-0.0053
		44	5220.0000	5220.0027	-0.0027
		46	5230.0000	5230.0025	-0.0025
		48	5240.0000	5240.0091	-0.0091
		52	5260.0000	5260.0022	-0.0022
		54	5270.0000	5270.0120	-0.0120
		60	5300.0000	5300.0026	-0.0026
		62	5310.0000	5310.0021	-0.0021
		64	5320.0000	5320.0021	-0.0021
		100	5500.0000	5500.0042	-0.0042
		102	5510.0000	5510.0010	-0.0010
		110	5550.0000	5550.0077	-0.0077
		116	5580.0000	5580.0017	-0.0017
		134	5670.0000	5670.0059	-0.0059
		140	5700.0000	5700.0132	-0.0132
		149	5745.0000	5745.0032	-0.0032
		151	5755.0000	5755.0064	-0.0064
		157	5785.0000	5785.0066	-0.0066
		159	5795.0000	5795.0072	-0.0072
		165	5825.0000	5825.0110	-0.0110

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\Delta F$ (MHz)
Tmin (-10)°C	Vmax (126.5)V	36	5180.0000	5180.0143	-0.0143
		38	5190.0000	5190.0012	-0.0012
		44	5220.0000	5220.0121	-0.0121
		46	5230.0000	5230.0127	-0.0127
		48	5240.0000	5240.0021	-0.0021
		52	5260.0000	5260.0078	-0.0078
		54	5270.0000	5270.0065	-0.0065
		60	5300.0000	5300.0008	-0.0008
		62	5310.0000	5310.0012	-0.0012
		64	5320.0000	5320.0079	-0.0079
		100	5500.0000	5500.0029	-0.0029
		102	5510.0000	5510.0080	-0.0080
		110	5550.0000	5550.0711	-0.0711
		116	5580.0000	5580.0067	-0.0067
		134	5670.0000	5670.0058	-0.0058
		140	5700.0000	5700.0052	-0.0052
		149	5745.0000	5745.0063	-0.0063
		151	5755.0000	5755.0012	-0.0012
		157	5785.0000	5785.0001	-0.0001
		159	5795.0000	5795.0084	-0.0084
		165	5825.0000	5825.0011	-0.0011

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\Delta F$ (MHz)
Tmin (-10)°C	Vmin (93.5)V	36	5180.0000	5180.0025	-0.0025
		38	5190.0000	5190.0075	-0.0075
		44	5220.0000	5220.0046	-0.0046
		46	5230.0000	5230.0014	-0.0014
		48	5240.0000	5240.0026	-0.0026
		52	5260.0000	5260.0034	-0.0034
		54	5270.0000	5270.0107	-0.0107
		60	5300.0000	5300.0026	-0.0026
		62	5310.0000	5310.0019	-0.0019
		64	5320.0000	5320.0044	-0.0044
		100	5500.0000	5500.0074	-0.0074
		102	5510.0000	5510.0058	-0.0058
		110	5550.0000	5550.0089	-0.0089
		116	5580.0000	5580.0015	-0.0015
		134	5670.0000	5670.0046	-0.0046
		140	5700.0000	5700.0068	-0.0068
		149	5745.0000	5745.0045	-0.0045
		151	5755.0000	5755.0041	-0.0041
		157	5785.0000	5785.0066	-0.0066
		159	5795.0000	5795.0041	-0.0041
		165	5825.0000	5825.0091	-0.0091

## **9. EMI Reduction Method During Compliance Testing**

No modification was made during testing.

## Attachment 1: EUT Test Photographs



## Attachment 2: EUT Detailed Photographs