中认信通
CHINA CERTIFICATION ICT CO.,LTD (DONGGUAN)

ACCREDITED
TESTING LABORATORY
CERTIFICATE # 6356.01

TEST REPORT

Applicant: **SHENZHEN TENDA TECHNOLOGY CO.,LTD.**

Address: 6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052

FCC ID: **V7TRX12P2**

Product Name: **AX3000 Dual Band Gigabit Wi-Fi 6 Router**

Standard(s): **47 CFR Part 15, Subpart E(15.407)**
ANSI C63.10-2013
KDB 789033 D02 General U-NII Test Procedures New Rules v02r01

The above device has been tested and found compliant with the requirement of the relative standards by China Certification ICT Co., Ltd (Dongguan)

Report Number: **CR230957522-00C**

Date Of Issue: **2023/11/28**

Reviewed By: **Julie Tan** Julie Tan
Title: RF Engineer

Approved By: **Sun Zhong** Sun Zhong
Title: Manager

Test Laboratory: **China Certification ICT Co., Ltd (Dongguan)**
No. 113, Pingkang Road, Dalang Town, Dongguan,
Guangdong, China
Tel: +86-769-82016888

Test Facility

The Test site used by China Certification ICT Co., Ltd (Dongguan) to collect test data is located on the No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 442868, the FCC Designation No. : CN1314.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0123.

Declarations

China Certification ICT Co., Ltd (Dongguan) is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol "▲". Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

This report cannot be reproduced except in full, without prior written approval of the Company.

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This report may contain data that are not covered by the accreditation scope and shall be marked with an asterisk "★".

CONTENTS

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	CR230957522-00C	Original Report	2023/11/28

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	AX3000 Dual Band Gigabit Wi-Fi 6 Router
EUT Model:	RX12 Pro
Multiple Models:	TX12 Pro,RX12,TX12
Operation Frequency:	5180-5240 MHz (802.11a/n ht20/ac vht20/ax he20) 5190-5230 MHz(802.11n ht40/ac vht40/ax he40) 5210 MHz(802.11ac vht80/ax he80) 5260-5320 MHz (802.11a/n ht20/ac vht20/ax he20) 5270-5310 MHz(802.11n ht40/ac vht40/ax he40) 5290 MHz(802.11ac vht80/ax he80) **5250 MHz(802.11ac vht160/ax he160)** 5745-5825 MHz (802.11a/n ht20/ac vht20/ax he20) 5755-5795 MHz(802.11n ht40/ac vht40/ax he40) 5775 MHz(802.11ac vht80/ax he80)
Maximum Average Output Power (Conducted):	20.71 dBm (5150-5250 MHz) 20.26 dBm (5250-5350 MHz) 19.21 dBm (5725-5850 MHz) 13.55 dBm (5250-5250 MHz)
Modulation Type:	802.11a/n/ac:OFDM-BPSK, QPSK, 16QAM, 64QAM,256QAM 802.11ax: OFDMA- BPSK, QPSK, 16QAM, 64QAM,256QAM,1024QAM
Rated Input Voltage:	DC12V from adapter
Serial Number:	2BVX-1
EUT Received Date:	2023/10/9
EUT Received Status:	Good
Note: The Multiple models are electrically identical with the test model. Please refer to the declaration letter for more detail, which was provided by manufacturer.	

1.1.2 Operation Frequency Detail:

For 802.11a/n ht20/ac vht20/ax he20:

5150-5250MHz Band		5250-5350 MHz Band		5725-5850MHz Band	
Channel	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**
36	5180	52	5260	149	5745
40	5200	56	5280	153	5765
44	5220	60	5300	157	5785
48	5240	64	5320	161	5805
/	/	/	/	165	5825
Per section 15.31(m), the below frequencies were performed the test as below:					
36	5180	52	5260	149	5745
40	5200	56	5280	157	5785
48	5240	64	5320	165	5825

For 802.11n ht40/ac vht40/ax he40:

5150-5250MHz Band		5250-5350 MHz Band		5725-5850MHz Band	
Channel	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**
38	5190	54	5270	151	5755
46	5230	62	5310	159	5795
Per section 15.31(m), the below frequencies were performed the test as below:					
38	5190	54	5270	151	5755
46	5230	62	5310	159	5795

For 802.11ac vht80/ax he80:

5150-5250MHz Band		5250-5350 MHz Band		5725-5850MHz Band	
Channel	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**
42	5210	58	5290	155	5775
Per section 15.31(m), the below frequencies were performed the test as below:					
42	5210	58	5290	155	5775

For 802.11ac vht160/ax he160:

5150-5250MHz Band~5250-5350 MHz Band		5725-5850MHz Band	
Channel	**Frequency (MHz)**	**Channel**	**Frequency (MHz)**
50	**5250**	/	/
Per section 15.31(m), the above in bold frequencies were performed the test.			

1.1.3 Antenna Information Detail▲:

Antenna Chain	Manufacturer	Antenna Type	input impedance (Ohm)	Frequency Range	Antenna Gain
5G Chain 0 (ANT 3)	SHENZHEN TENDA TECHNOLOGY CO.,LTD.	Dipole	50	5150~5250MHz	5.93 dBi
				5250~5350MHz	5.97 dBi
				5725~5850MHz	5.24 dBi
5G Chain 1 (ANT 5)		Dipole	50	5150~5250MHz	5.93 dBi
				5250~5350MHz	5.97 dBi
				5725~5850MHz	5.24 dBi
5G Chain 2 (ANT 4)		Dipole	50	5150~5250MHz	5.93 dBi
				5250~5350MHz	5.97 dBi
				5725~5850MHz	5.24 dBi

The Method of §15.203 Compliance:

☒Antenna was permanently attached to the unit.

☐Antenna uses a unique type of connector to attach to the EUT.

☐Unit was professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

Note:

The device has 3 5GHz antennas, the system supports 2T2R only, the software determined to use any two antennas with good performance.

Beamforming and Non-beamforming(CDD) modes at 802.11n/ac/ax modes.
Per KDB 662911 D01 Multiple Transmitter Output v02r01:

For power measurements:
CDD Mode:
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$
directional gain=5.93 dBi for 5150-5250MHz
directional gain=5.97 dBi for 5250-5350MHz
directional gain=5.24 dBi for 5725-5850MHz

Beamforming Mode:
Array Gain = 10 log(N_{ANT}/N_{SS}) dB.
directional gain=5.93 dBi+3dB=8.93dBi for 5150-5250MHz
directional gain=5.97 dBi+3dB=8.97dBi for 5250-5350MHz
directional gain=5.24 dBi+3dB=8.24dBi for 5725-5850MHz

For power spectral density (PSD) measurements:
Array Gain = 10 log(N_{ANT}/N_{SS}) dB.
directional gain=5.93 dBi+3dB=8.93dBi for 5150-5250MHz
directional gain=5.97 dBi+3dB=8.97dBi for 5250-5350MHz
directional gain=5.24 dBi+3dB=8.24dBi for 5725-5850MHz

1.1.4 Accessory Information:

Accessory Description	Manufacturer	Model	Parameters
Adapter	SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO.,LTD.	BN073-A12012U	Input: 100-240V~50/60Hz, 0.4A Output: 12V, 1A, 12.0W

1.2 Description of Test Configuration

1.2.1 EUT Operation Condition:

EUT Operation Mode:	The system was configured for testing in Engineering Mode, which was provided by the manufacturer.
Equipment Modifications:	No
EUT Exercise Software:	QA TOOL

The software was provided by manufacturer. The maximum power for each antenna was configured as below, that was provided by the manufacturer▲:

5150-5250 MHz Band:

Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting		
				Chain 0	Chain 1	Chain 2
802.11a	Lowest	5180	6Mbps	15	13	24
	Middle	5200	6Mbps	15	13	24
	Highest	5240	6Mbps	15	13	24
802.11n ht20	Lowest	5180	MCS0	12	10	21
	Middle	5200	MCS0	12	10	21
	Highest	5240	MCS0	12	10	21
802.11n ht40	Lowest	5190	MCS0	13.5	12	20
	Highest	5230	MCS0	13.5	12	20
802.11ac vht20	Lowest	5180	MCS0	16	15	22
	Middle	5200	MCS0	16	15	22
	Highest	5240	MCS0	16	15	22
802.11ac vht40	Lowest	5190	MCS0	18	17	19
	Highest	5230	MCS0	18	17	19
802.11ac vht80	Middle	5210	MCS0	18.5	17	20.5
802.11ax he20	Lowest	5180	MCS0	15	14	20
	Middle	5200	MCS0	15	14	20
	Highest	5240	MCS0	15	14	20
802.11ax he40	Lowest	5190	MCS0	16	14	17.5
	Highest	5230	MCS0	16	14	17.5
802.11ax he80	Middle	5210	MCS0	17	15	16.5

5250-5350 MHz Band:						
Test Modes	**Test Channels**	**Test Frequency (MHz)**	**Data rate**	**Power Level Setting**		
				Chain 0	**Chain 1**	**Chain 2**
802.11a	Lowest	5260	6Mbps	18	18	20
	Middle	5280	6Mbps	18	18	20
	Highest	5320	6Mbps	18	18	20
802.11n ht20	Lowest	5260	MCS0	18	18	20
	Middle	5280	MCS0	18	18	20
	Highest	5320	MCS0	18	18	20
802.11n ht40	Lowest	5270	MCS0	18	18	18.5
	Highest	5310	MCS0	18	18	18.5
802.11ac vht20	Lowest	5260	MCS0	18	18	20
	Middle	5280	MCS0	18	18	20
	Highest	5320	MCS0	18	18	20
802.11ac vht40	Lowest	5270	MCS0	18	18	17.5
	Highest	5310	MCS0	17.5	18	17.5
802.11ac vht80	Middle	5290	MCS0	18	18	18
802.11ax he20	Lowest	5260	MCS0	18	18	18.5
	Middle	5280	MCS0	18	18	18.5
	Highest	5320	MCS0	18	18	18.5
802.11ax he40	Lowest	5270	MCS0	18	18	17
	Highest	5310	MCS0	18	18	17
802.11ax he80	Middle	5290	MCS0	18	18	16
802.11ac vht160	Middle	5250	MCS0	16	16	20
802.11ax he160	Middle	5250	MCS0	16	16	18

5725-5850 MHz Band:						
Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting		
				Chain 0	Chain 1	Chain 2
802.11a	Lowest	5745	6Mbps	18	19	20
	Middle	5785	6Mbps	18	19	20
	Highest	5825	6Mbps	18	19	20
802.11n ht20	Lowest	5745	MCS0	18	19	20
	Middle	5785	MCS0	18	19	20
	Highest	5825	MCS0	18	19	20
802.11n ht40	Lowest	5755	MCS0	18	19	20
	Highest	5795	MCS0	18	19	20
802.11ac vht20	Lowest	5745	MCS0	18	17	20
	Middle	5785	MCS0	18	17	20
	Highest	5825	MCS0	18	17	20
802.11ac vht40	Lowest	5755	MCS0	18	17	20
	Highest	5795	MCS0	18	17	20
802.11ac vht80	Middle	5775	MCS0	18	17	18
802.11ax he20	Lowest	5745	MCS0	18	17	20
	Middle	5785	MCS0	18	17	20
	Highest	5825	MCS0	18	17	20
802.11ax he40	Lowest	5755	MCS0	18	16	20
	Highest	5795	MCS0	18	16	20
802.11ax he80	Middle	5775	MCS0	18	15	17

Note:
1. The above are the worst-case data rates, which are determined for each mode based upon investigations by measuring the average power and PSD across all data rates, bandwidths, and modulations.
2. The device supports SISO in all modes, and MIMO 2T2R in 802.11n/ac/ax modes, per pretest, 2T2R mode was the worst mode and reported for 802.11n/ac/ax modes.
3. The system supports Beamforming and Non-beamforming modes at 802.11n/ac/ax modes. The two modes have same output power, which are declared by manufacturer. Therefore, the all RF conducted test were performed at Non-beamforming mode only.
4. For 802.11 ax mode, the device only supports full-RU.

1.2.2 Support Equipment List and Details

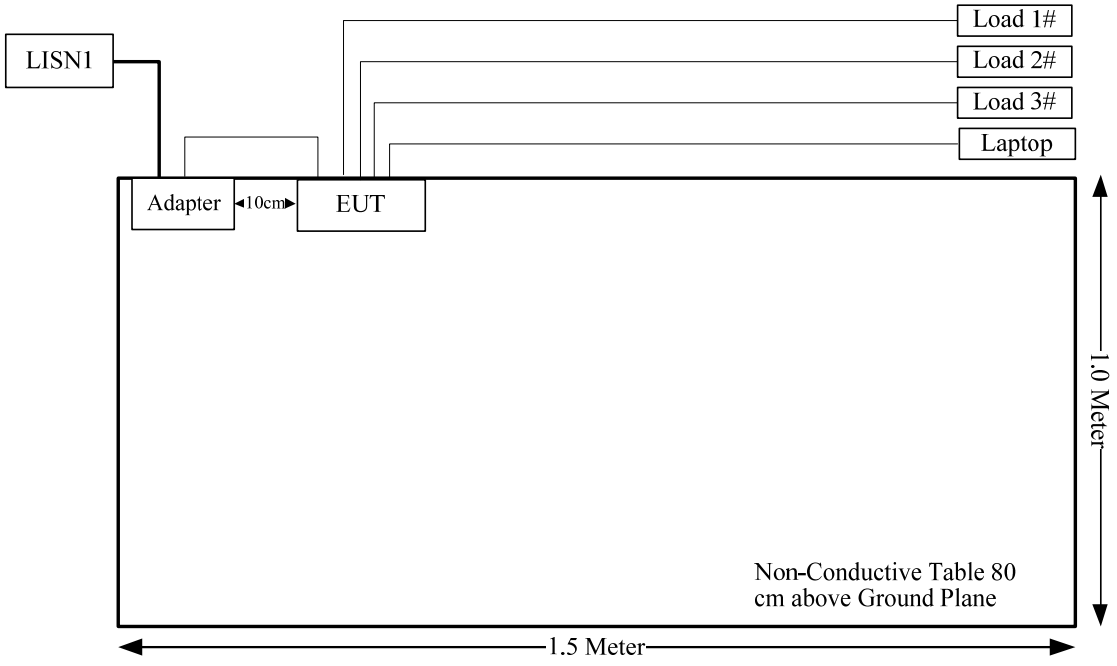
Manufacturer	Description	Model	Serial Number
Lenovo	Laptop	T460S	60PDTEK8
Bacl	Load 1#	RJ45X8	F-EM-PHRJ45X8001
Bacl	Load 2#	RJ45X8	F-EM-PHRJ45X8002
Bacl	Load 3#	RJ45X8	F-EM-PHRJ45X8003

1.2.3 Support Cable List and Details

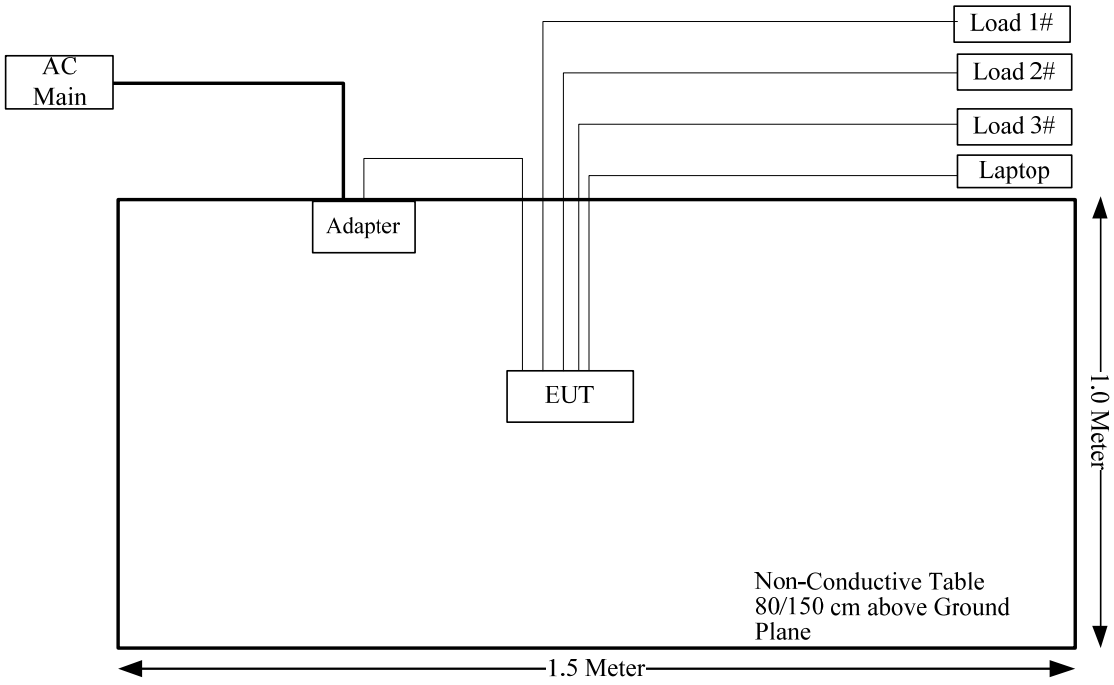
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
DC Cable	no	no	1.5	Adapter	EUT
RJ45 Cable	no	no	10.0	EUT	Laptop
RJ45 Cable 1#	no	no	10.0	EUT	Load 1#
RJ45 Cable 2#	no	no	10.0	EUT	Load 2#
RJ45 Cable 3#	no	no	10.0	EUT	Load 3#

1.2.4 Block Diagram of Test Setup

AC line conducted emissions:



Radiated Spurious Emissions:



1.3 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.61dB
Power Spectral Density, conducted	±0.61 dB
Unwanted Emissions, radiated	30M~200MHz: 4.15 dB,200M~1GHz: 5.61 dB,1G~6GHz: 5.14 dB, 6G~18GHz: 5.93 dB,18G~26.5G:5.47 dB,26.5G~40G:5.63 dB
Unwanted Emissions, conducted	±1.26 dB
Temperature	±1℃
Humidity	±5%
DC and low frequency voltages	±0.4%
Duty Cycle	1%
AC Power Lines Conducted Emission	2.8 dB (150 kHz to 30 MHz)

2. SUMMARY OF TEST RESULTS

Standard(s) Section	Test Items	Result
FCC§15.207(a)	AC line conducted emissions	Compliant
FCC§15.205& §15.209 &§15.407(b)	Undesirable Emission& Restricted Bands	Compliant
FCC§15.407(a) (e)	Emission Bandwidth	Compliant
FCC§15.407(a)	Maximum Conducted Output Power	Compliant
FCC§15.407 (a)	Power Spectral Density	Compliant
§15.203	Antenna Requirement	Compliant

3. REQUIREMENTS AND TEST PROCEDURES

3.1 AC Line Conducted Emissions

3.1.1 Applicable Standard

FCC§15.207(a).

(a) Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μH/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

	Conducted limit (dBμV)	
Frequency of emission (MHz)	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

(b) The limit shown in paragraph (a) of this section shall not apply to carrier current systems operating as intentional radiators on frequencies below 30 MHz. In lieu thereof, these carrier current systems shall be subject to the following standards:

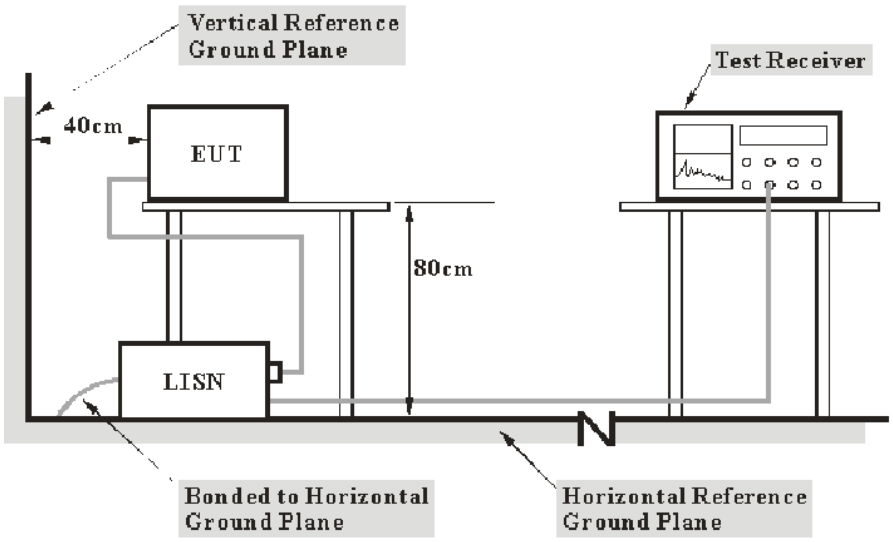
(1) For carrier current system containing their fundamental emission within the frequency band 535-1705 kHz and intended to be received using a standard AM broadcast receiver: no limit on conducted emissions.

(2) For all other carrier current systems: 1000 μV within the frequency band 535-1705 kHz, as measured using a 50 μH/50 ohms LISN.

(3) Carrier current systems operating below 30 MHz are also subject to the radiated emission limits in §15.205, §15.209, §15.221, §15.223, or §15.227, as appropriate.

(c) Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines. Devices that include, or make provisions for, the use of battery chargers which permit operating while charging, AC adapters or battery eliminators or that connect to the AC power lines indirectly, obtainig their power through another device which is connected to the AC power lines, shall be tested to demonstrate compliance with the conducted limits.

3.1.2 EUT Setup



Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

The adapter or EUT was connected to the main LISN with a 120 V/60 Hz AC power source.

3.1.3 EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

3.1.4 Test Procedure

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase ("hot") line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current-carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

3.1.5 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor
Factor = attenuation caused by cable loss + voltage division factor of AMN

The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

3.2 Radiation Spurious Emissions

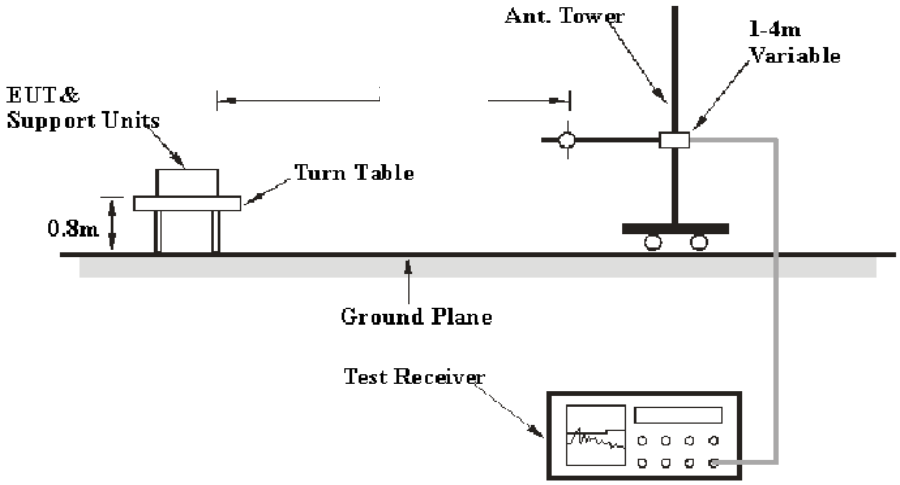
3.2.1 Applicable Standard

FCC §15.407 (b);

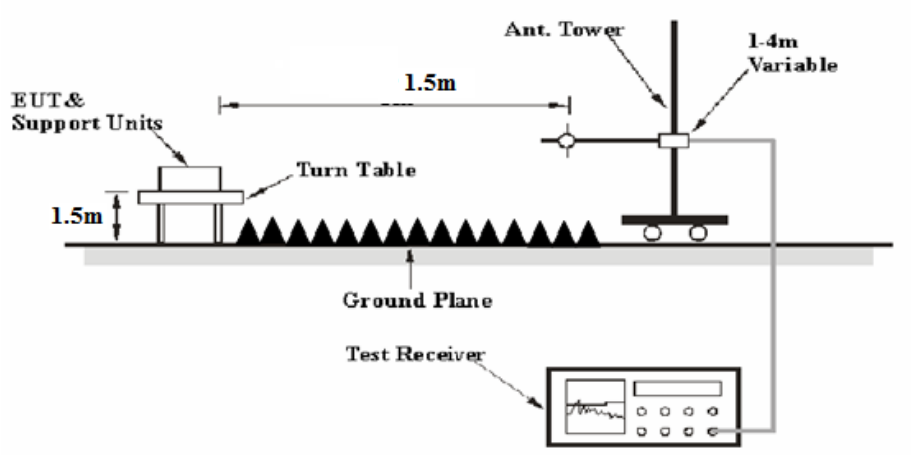
Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:
(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of – 27 dBm/MHz.
(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of – 27 dBm/MHz.
(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of – 27 dBm/MHz.
(4) For transmitters operating solely in the 5.725-5.850 GHz band:
(i) All emissions shall be limited to a level of – 27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
(ii) Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in § 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in § 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.
(8) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.
(9) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in § 15.207.
(10) The provisions of § 15.205 apply to intentional radiators operating under this section.
(11) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.
(c) The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

3.2.2 EUT Setup

Below 1GHz:



1-40 GHz:



The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.10-2013. The specification used was FCC 15.209, FCC 15.407, RSS-247 limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

3.2.3 EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 30 MHz to 40 GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

30-1000MHz:

Detector	RBW	Video B/W	IF B/W
QP	100 kHz	300 kHz	120kHz

1GHz- 40GHz:

Measurement	Duty cycle	RBW	Video B/W
PK	Any	1MHz	3 MHz
AV	>98%	1MHz	10 Hz
	<98%	1MHz	≥1/T

Note: T is minimum transmission duration

If the maximized peak measured value complies with under the QP/Average limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

3.2.4 Test Procedure

During the radiated emission test, the adapter was connected to the first AC floor outlet.

Data was recorded in Quasi-peak detection mode for frequency range of 30 MHz-1GHz, peak and Average detection modes for frequencies above 1GHz.

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, emission shall be computed as: E [dBμV/m] = EIRP[dBm] + 95.2, for d = 3 meters.

According to C63.10, the above 1G test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1.5m
Distance extrapolation Factor =20 log (specific distance [3m]/test distance [1.5m]) dB= 6.02 dB

All emissions under the average limit and under the noise floor have not recorded in the report.

3.2.5 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Factor = Antenna Factor + Cable Loss- Amplifier Gain

For 30MHz-1GHz:
Result = Reading + Factor

For 1GHz-40GHz
Result = Reading + Factor- Distance extrapolation Factor

The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

3.3 Emission Bandwidth:

3.3.1 Applicable Standard

FCC §15.407 (a)

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

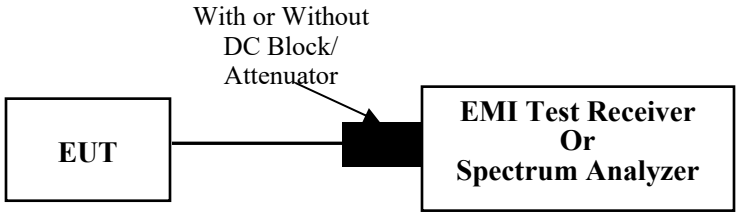
FCC §15.407 (e)

Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

FCC §15.407 (h)

(h)(2) Radar Detection Function of Dynamic Frequency Selection (DFS). U-NII devices operating with any part of its 26 dB emission bandwidth in the 5.25-5.35 GHz and 5.47-5.725 GHz bands shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems.

3.4.2 EUT Setup



3.4.3 Test Procedure

26dB Emission Bandwidth:

According to ANSI C63.10-2013 Section 12.4.1

a) Set RBW = approximately 1% of the emission bandwidth.
b) Set the VBW > RBW.
c) Detector = peak.
d) Trace mode = max hold
e) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

99% Occupied Bandwidth:

According to ANSI C63.10-2013 Section 12.4.2&6.9.3

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission.
The following procedure shall be used for measuring 99% power bandwidth:
a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.
c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2.
d) Step a) through step c) might require iteration to adjust within the specified range.
e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

6 dB emission bandwidth:

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01

a) Set RBW = 100 kHz.
b) Set the video bandwidth (VBW) ≥ 3 RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Sweep = auto couple.
f) Allow the trace to stabilize.
g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described in this section. For devices that use channel aggregation refer to III.A and III.C for determining emission bandwidth.

3.4 Maximum Conducted Output Power:

3.4.1 Applicable Standard

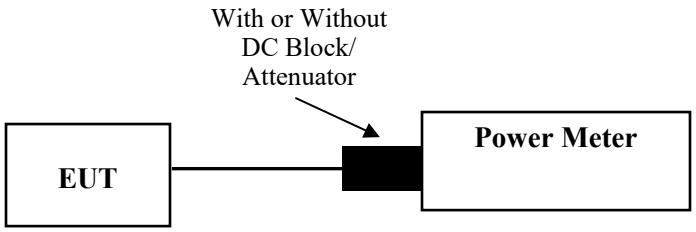
FCC §15.407(a) (1)

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

FCC §15.407(a) (2)
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC §15.407(a) (3)(i)
For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

3.5.2 EUT Setup



3.5.3 Test Procedure

According to ANSI C63.10-2013 Section 12.3.3.2

Method PM-G is measurement using a gated RF average power meter.
Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

3.5 Maximum Power Spectral Density:

3.5.1 Applicable Standard

FCC §15.407(a) (1)

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

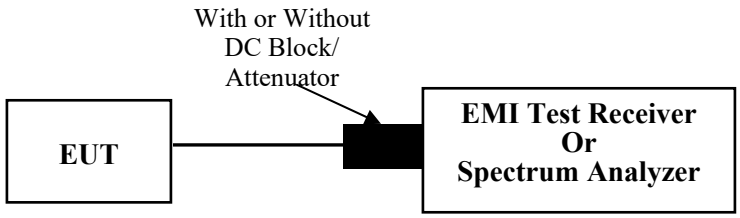
FCC §15.407(a) (2)

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

FCC §15.407(a) (3)(i)

For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

3.5.2 EUT Setup



3.5.3 Test Procedure

According to ANSI C63.10-2013Section 12.3.2

Duty cycle ≥98%

Method SA-1 was used.

Duty cycle <98%, duty cycle variations are less than ±2%

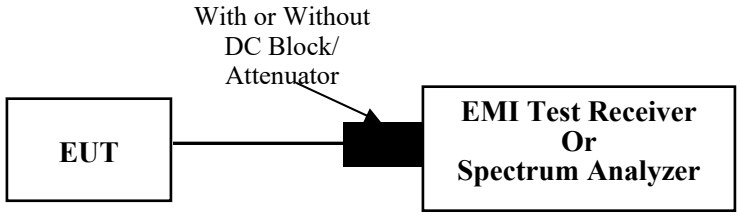
Method SA-2 was used.

Duty cycle <98%, duty cycle variations exceed ±2%

Method SA-3 was used.

3.6 Duty Cycle:

3.6.1 EUT Setup



3.6.2 Test Procedure

According to ANSI C63.10-2013 Section 12.2

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:
1) Set the center frequency of the instrument to the center frequency of the transmission.
2) Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value.
3) Set VBW ≥ RBW. Set detector = peak or average.
4) The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring the duty cycle shall not be used if T ≤ 16.7 μs.)

3.7 Antenna Requirement

3.7.1 Applicable Standard

FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§15.211, 15.213, 15.217, 15.219, 15.221, or §15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.7.2 Judgment

Result: Compliant. Please refer to the Antenna Information detail in Section 1.

4. Test DATA AND RESULTS

4.1 AC Line Conducted Emissions

Serial Number:	2BVX-1	Test Date:	2023/10/18
Test Site:	CE	Test Mode:	Transmitting (maximum output power mode,802.11a 5240MHz Chain 2 was tested)
Tester:	David Huang	Test Result:	Pass

Environmental Conditions:

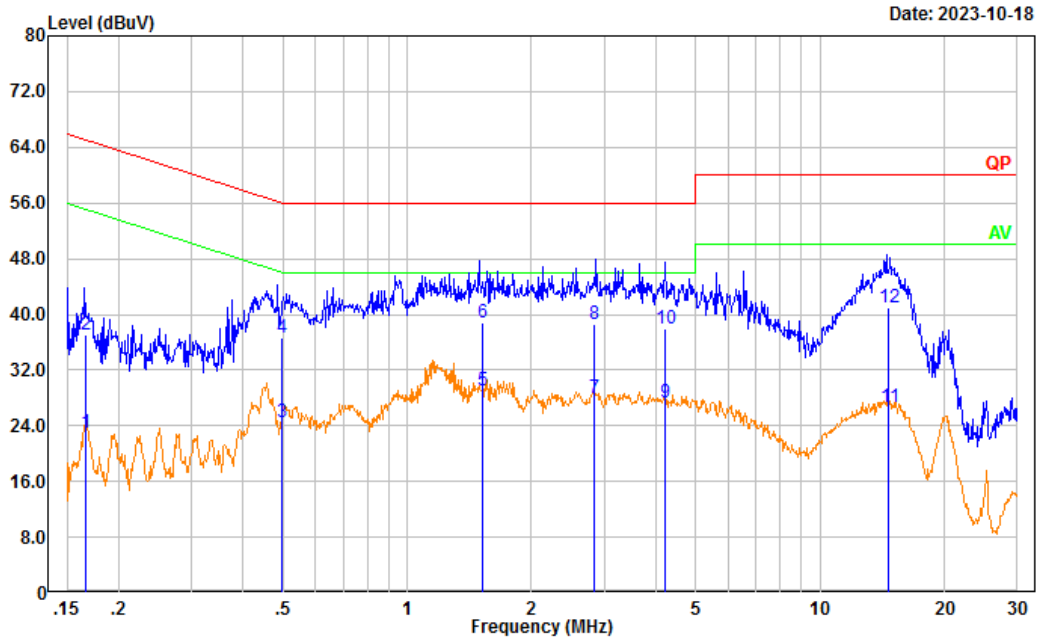
Temperature: (℃)	26.1	Relative Humidity: (%)	52	ATM Pressure: (kPa)	101

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101134	2023/03/31	2024/03/30
R&S	EMI Test Receiver	ESR3	102726	2023/03/31	2024/03/30
MICRO-COAX	Coaxial Cable	UTIFLEX	C-0200-01	2023/08/06	2024/08/05
Audix	Test Software	E3	190306 (V9)	N/A	N/A

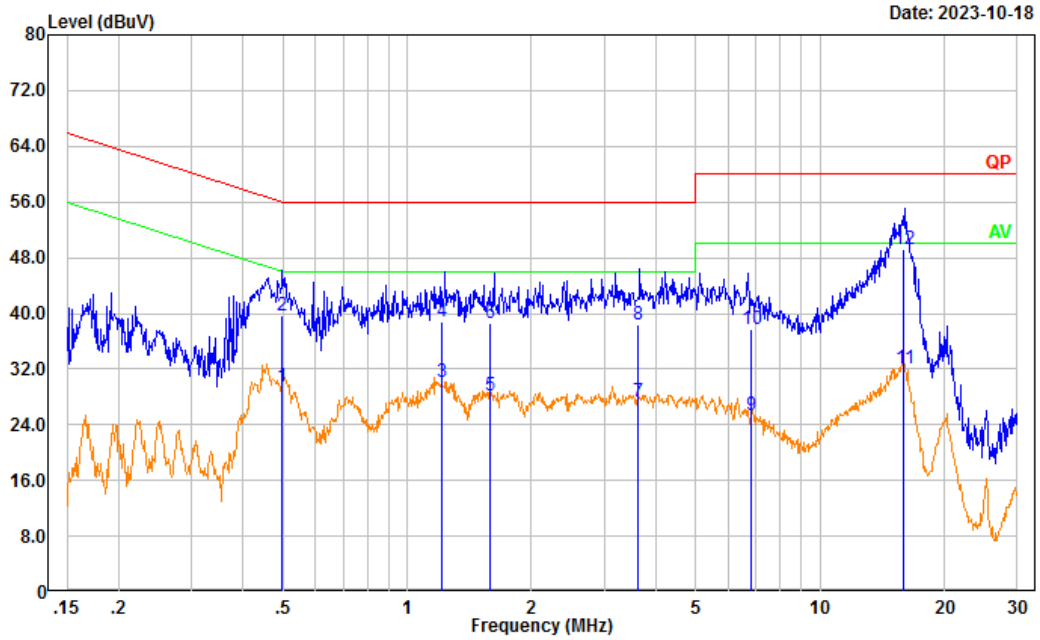
** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Project No.: CR230957522-RF
Tester: David Huang
Port: Line
Note: Transmitting



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.166	13.29	9.61	22.90	55.16	32.26	Average
2	0.166	27.56	9.61	37.17	65.16	27.99	QP
3	0.498	14.85	9.61	24.46	46.04	21.58	Average
4	0.498	27.06	9.61	36.67	56.04	19.37	QP
5	1.526	19.52	9.63	29.15	46.00	16.85	Average
6	1.526	29.09	9.63	38.72	56.00	17.28	QP
7	2.842	18.25	9.65	27.90	46.00	18.10	Average
8	2.842	28.92	9.65	38.57	56.00	17.43	QP
9	4.199	17.77	9.65	27.42	46.00	18.58	Average
10	4.199	28.33	9.65	37.98	56.00	18.02	QP
11	14.647	16.87	9.69	26.56	50.00	23.44	Average
12	14.647	31.26	9.69	40.95	60.00	19.05	QP

Project No.: CR230957522-RF
Tester: David Huang
Port: neutral
Note: Transmitting



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	0.498	19.93	9.61	29.54	46.04	16.50	Average
2	0.498	30.15	9.61	39.76	56.04	16.28	QP
3	1.214	20.50	9.62	30.12	46.00	15.88	Average
4	1.214	29.14	9.62	38.76	56.00	17.24	QP
5	1.584	18.53	9.63	28.16	46.00	17.84	Average
6	1.584	28.91	9.63	38.54	56.00	17.46	QP
7	3.619	17.60	9.65	27.25	46.00	18.75	Average
8	3.619	28.67	9.65	38.32	56.00	17.68	QP
9	6.806	15.69	9.66	25.35	50.00	24.65	Average
10	6.806	28.05	9.66	37.71	60.00	22.29	QP
11	15.954	22.44	9.69	32.13	50.00	17.87	Average
12	15.954	39.55	9.69	49.24	60.00	10.76	QP

4.2 Radiation Spurious Emissions

Serial Number:	2BVX-1	Test Date:	2023/11/5-2023/11/15
Test Site:	966-1/966-2	Test Mode:	Transmitting
Tester:	coco Tian, Mack Huang, Tao Zhu, Jeff Luo	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	25.1-26.8	Relative Humidity: (%)	58-64	ATM Pressure: (kPa)	100.8-101.8

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Antenna	JB6	A082520-6	2023/9/18	2026/9/17
R&S	EMI Test Receiver	ESR3	102724	2023/3/31	2024/3/30
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0470-02	2023/7/16	2024/7/15
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0780-01	2023/7/16	2024/7/15
Sonoma	Amplifier	310N	186165	2023/7/16	2024/7/15
AH	Double Ridge Guide Horn Antenna	SAS-571	1394	2023/2/22	2026/2/21
R&S	Spectrum Analyzer	FSV40	101591	2023/3/31	2024/3/30
MICRO-COAX	Coaxial Cable	UFA210A-1-1200-70U300	217423-008	2023/8/6	2024/8/5
MICRO-COAX	Coaxial Cable	UFA210A-1-2362-300300	235780-001	2023/8/6	2024/8/5
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2023/11/8	2024/11/7
Audix	Test Software	E3	201021 (V9)	N/A	N/A
PASTERNACK	Horn Antenna	PE9852/2F-20	112002	2021/2/5	2024/2/4
Quinstar	Preamplifier	QLW-18405536-JO	15964001005	2023/9/15	2024/9/14
MICRO-COAX	Coaxial Cable	UFB142A-1-2362-200200	235772-001	2023/8/6	2024/8/5
E-Microwave	Band Rejection Filter	5150-5850MHz	OE01902423	2023/8/6	2024/8/5
Mini Circuits	High Pass Filter	VHF-6010+	31119	2023/8/6	2024/8/5
PASTERNACK	Horn Antenna	PE9850/2F-20	072001	2021/2/5	2024/2/4

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

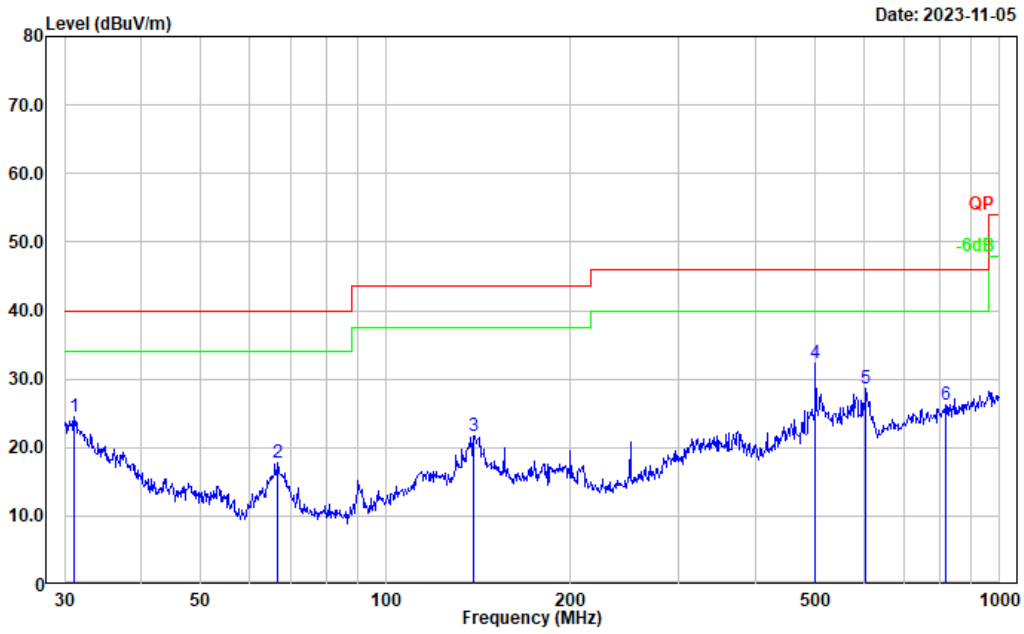
Test Data:

Please refer to the below table and plots.

After pre-scan in the X, Y and Z axes of orientation, the worst case is below:

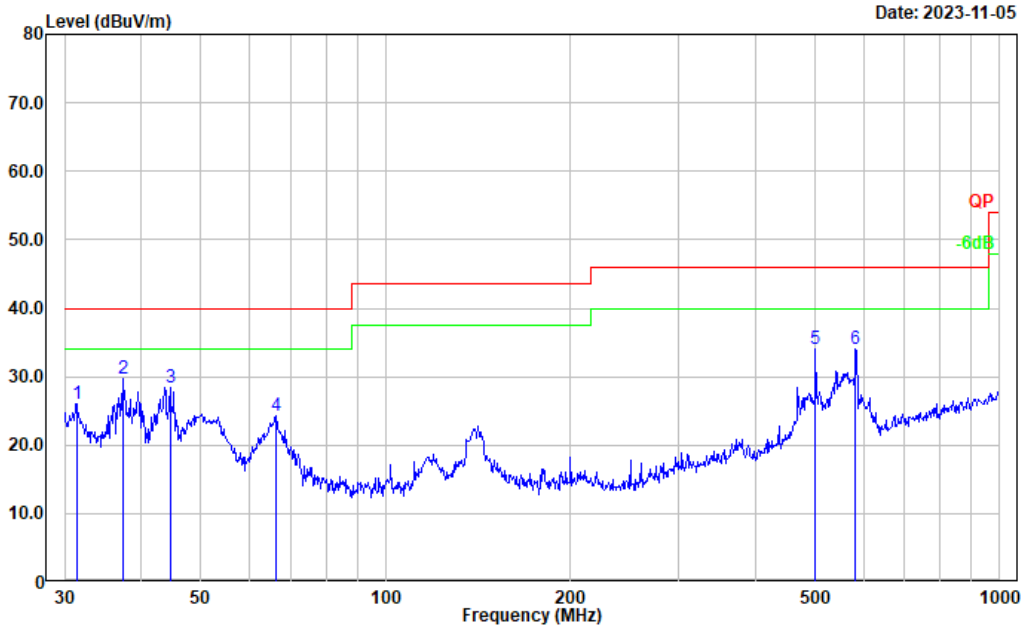
1) 30MHz-1GHz(maximum output power mode was tested):
802.11a chain 2 5180MHz:

Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	31.071	29.10	-4.61	24.49	40.00	15.51	Peak
2	66.733	34.59	-16.83	17.76	40.00	22.24	Peak
3	138.874	33.48	-11.71	21.77	43.50	21.73	Peak
4	501.179	38.36	-5.99	32.37	46.00	13.63	Peak
5	605.659	33.53	-4.85	28.68	46.00	17.32	Peak
6	815.968	28.01	-1.82	26.19	46.00	19.81	Peak

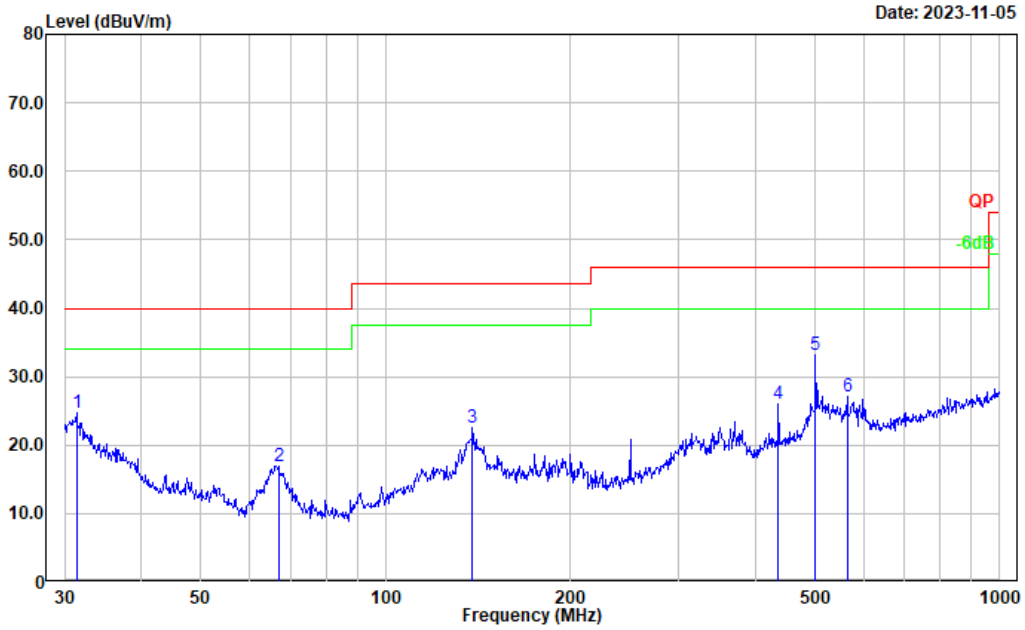
Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	31.399	30.90	-4.86	26.04	40.00	13.96	Peak
2	37.285	39.14	-9.35	29.79	40.00	10.21	Peak
3	44.587	42.45	-14.00	28.45	40.00	11.55	Peak
4	66.266	41.08	-16.86	24.22	40.00	15.78	Peak
5	501.179	40.09	-5.99	34.10	46.00	11.90	Peak
6	582.743	39.52	-5.49	34.03	46.00	11.97	Peak

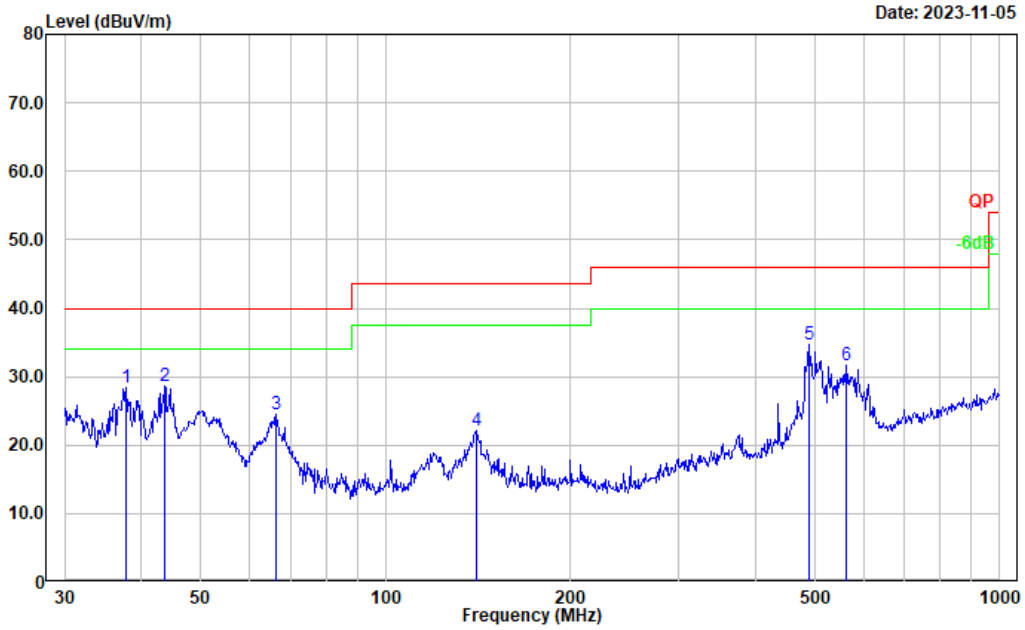
802.11a chain 2 5200MHz:

Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	31.399	29.53	-4.86	24.67	40.00	15.33	Peak
2	66.967	33.78	-16.80	16.98	40.00	23.02	Peak
3	138.387	34.21	-11.73	22.48	43.50	21.02	Peak
4	435.590	33.27	-7.35	25.92	46.00	20.08	Peak
5	501.179	39.10	-5.99	33.11	46.00	12.89	Peak
6	564.639	32.67	-5.60	27.07	46.00	18.93	Peak

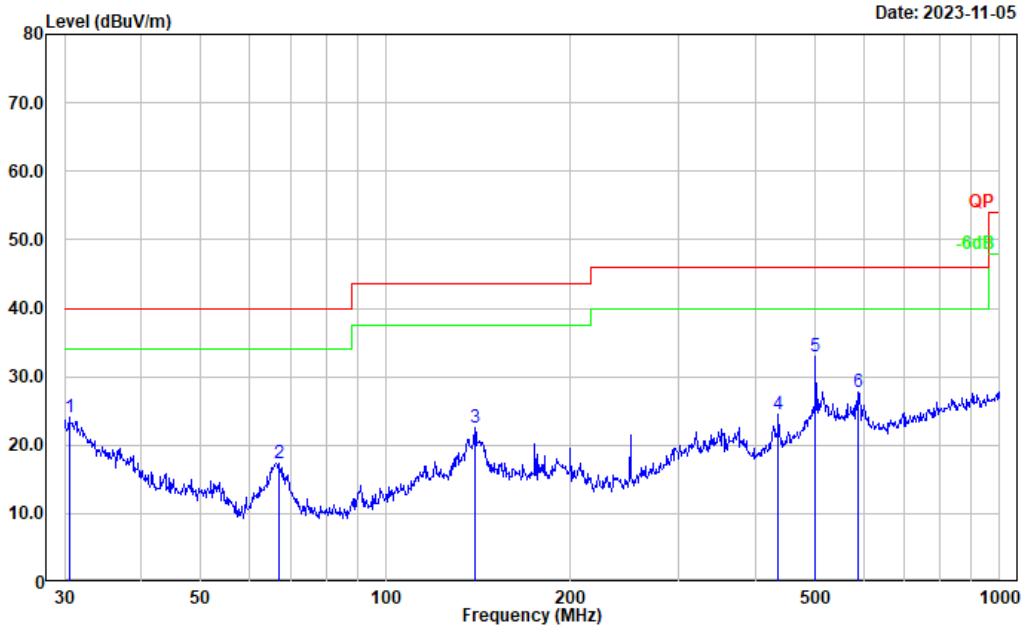
Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	37.812	38.07	-9.72	28.35	40.00	11.65	Peak
2	43.659	42.10	-13.49	28.61	40.00	11.39	Peak
3	66.266	41.40	-16.86	24.54	40.00	15.46	Peak
4	140.835	33.97	-11.83	22.14	43.50	21.36	Peak
5	489.027	40.90	-6.23	34.67	46.00	11.33	Peak
6	562.662	37.24	-5.63	31.61	46.00	14.39	Peak

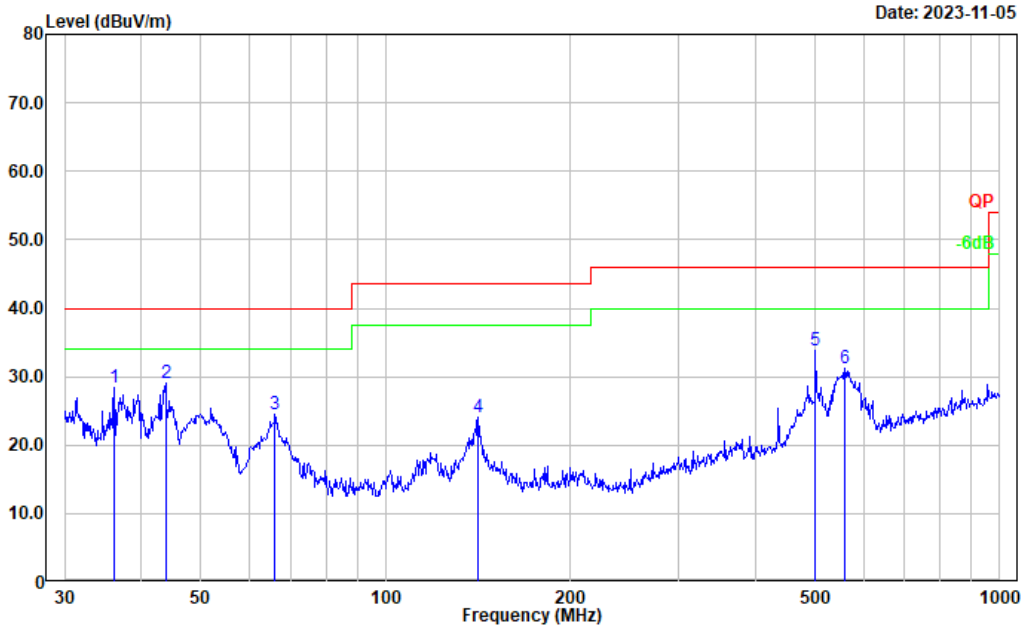
802.11a chain 2 5240MHz:

Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.531	28.30	-4.20	24.10	40.00	15.90	Peak
2	66.967	34.14	-16.80	17.34	40.00	22.66	Peak
3	139.851	34.27	-11.76	22.51	43.50	20.99	Peak
4	435.590	31.78	-7.35	24.43	46.00	21.57	Peak
5	501.179	38.93	-5.99	32.94	46.00	13.06	Peak
6	588.905	33.18	-5.34	27.84	46.00	18.16	Peak

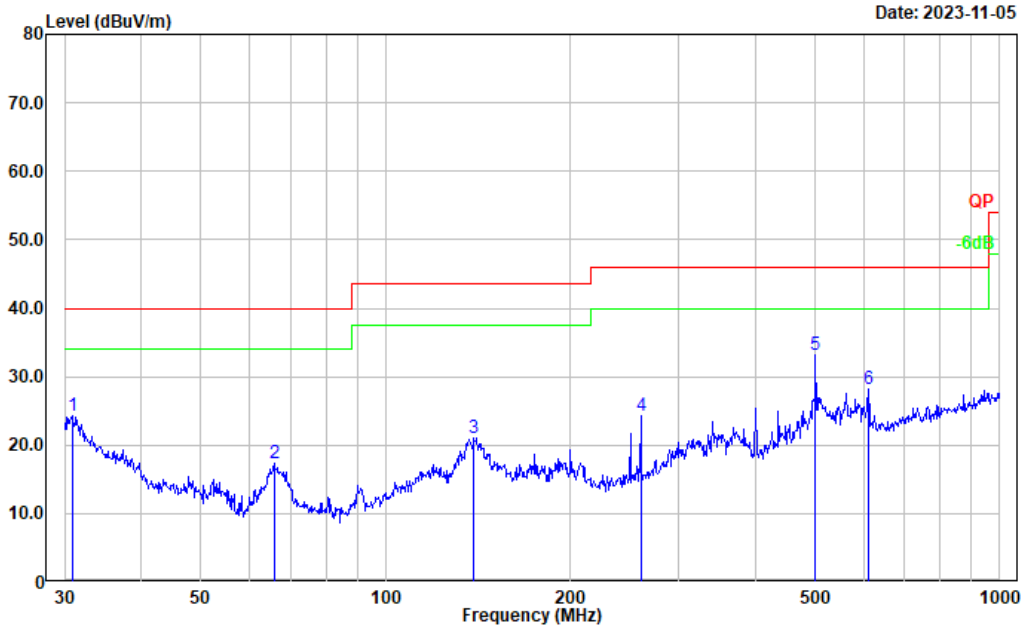
Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	36.127	36.96	-8.48	28.48	40.00	11.52	Peak
2	43.812	42.68	-13.58	29.10	40.00	10.90	Peak
3	66.034	41.37	-16.89	24.48	40.00	15.52	Peak
4	141.330	35.92	-11.83	24.09	43.50	19.41	Peak
5	501.179	39.72	-5.99	33.73	46.00	12.27	Peak
6	558.730	36.79	-5.65	31.14	46.00	14.86	Peak

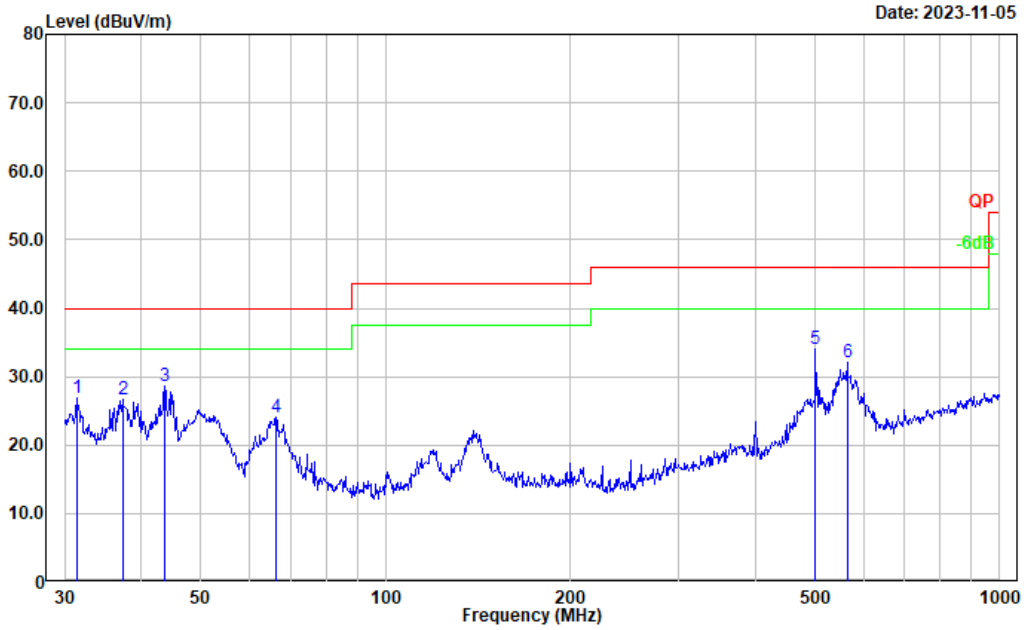
802.11a chain 2 5260MHz:

Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.853	28.66	-4.45	24.21	40.00	15.79	Peak
2	65.803	34.17	-16.89	17.28	40.00	22.72	Peak
3	139.361	32.85	-11.74	21.11	43.50	22.39	Peak
4	260.144	36.78	-12.50	24.28	46.00	21.72	Peak
5	501.179	39.27	-5.99	33.28	46.00	12.72	Peak
6	609.922	33.02	-4.82	28.20	46.00	17.80	Peak

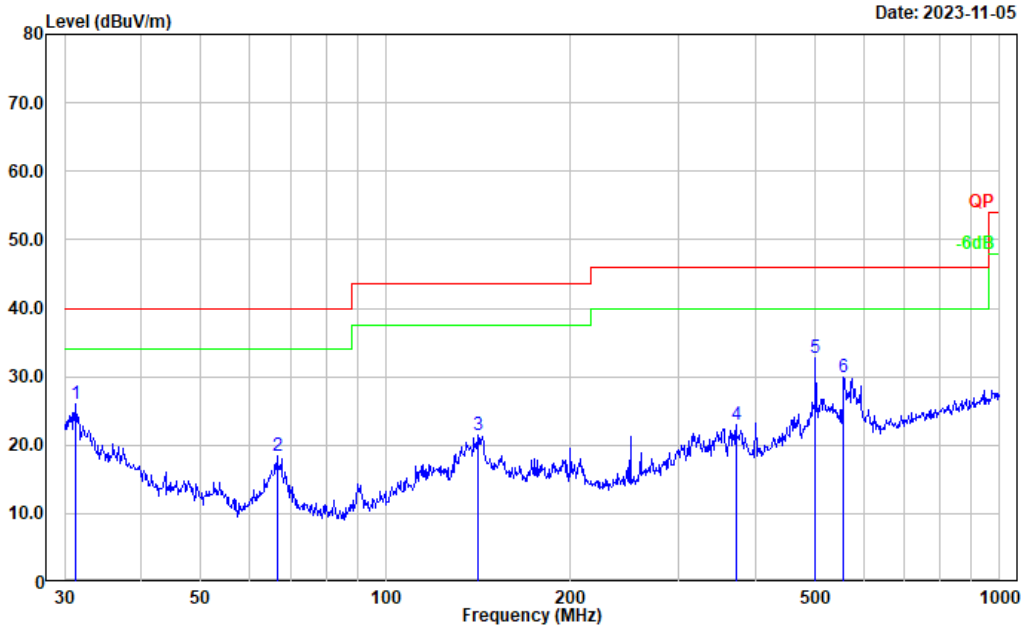
Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	31.399	31.75	-4.86	26.89	40.00	13.11	Peak
2	37.285	36.05	-9.35	26.70	40.00	13.30	Peak
3	43.659	42.17	-13.49	28.68	40.00	11.32	Peak
4	66.266	40.86	-16.86	24.00	40.00	16.00	Peak
5	501.179	40.04	-5.99	34.05	46.00	11.95	Peak
6	564.639	37.68	-5.60	32.08	46.00	13.92	Peak

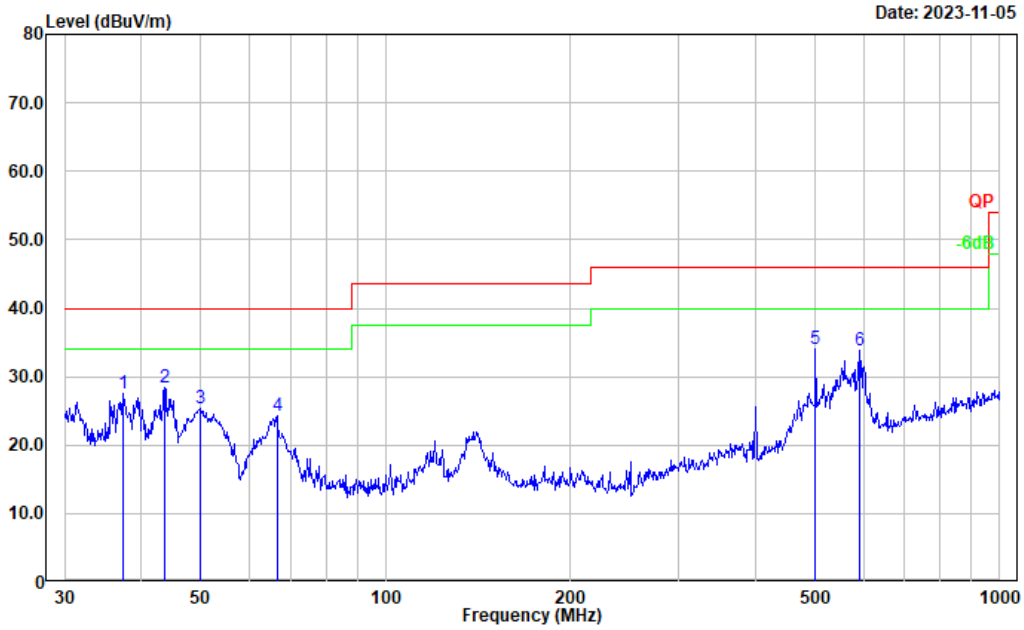
802.11a chain 2 5280MHz:

Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	31.289	30.78	-4.77	26.01	40.00	13.99	Peak
2	66.499	35.26	-16.85	18.41	40.00	21.59	Peak
3	141.330	33.21	-11.83	21.38	43.50	22.12	Peak
4	372.005	32.52	-9.45	23.07	46.00	22.93	Peak
5	501.179	38.78	-5.99	32.79	46.00	13.21	Peak
6	556.774	35.68	-5.67	30.01	46.00	15.99	Peak

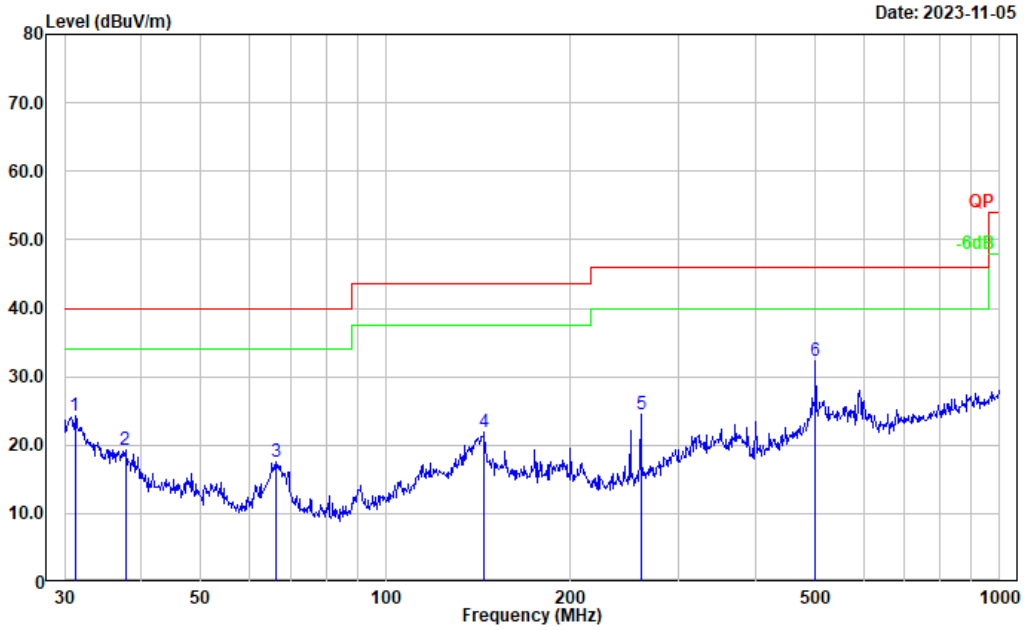
Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	37.285	36.96	-9.35	27.61	40.00	12.39	Peak
2	43.659	41.99	-13.49	28.50	40.00	11.50	Peak
3	49.881	42.42	-16.99	25.43	40.00	14.57	Peak
4	66.499	41.12	-16.85	24.27	40.00	15.73	Peak
5	501.179	40.03	-5.99	34.04	46.00	11.96	Peak
6	590.974	39.16	-5.28	33.88	46.00	12.12	Peak

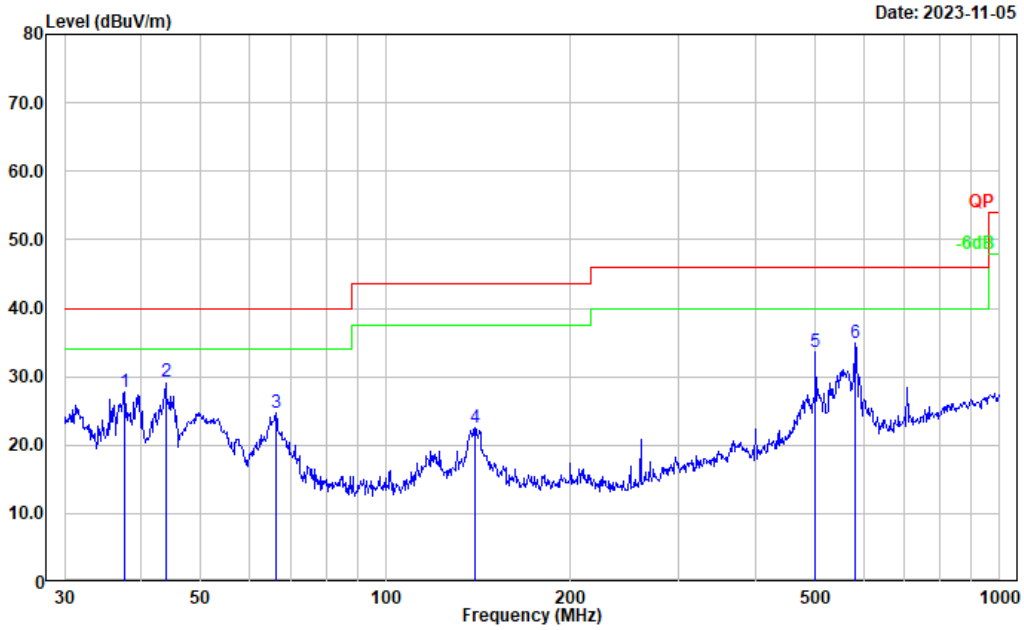
802.11a chain 2 5320MHz:

Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	31.180	28.89	-4.69	24.20	40.00	15.80	Peak
2	37.680	29.00	-9.62	19.38	40.00	20.62	Peak
3	66.266	34.38	-16.86	17.52	40.00	22.48	Peak
4	144.842	33.77	-11.84	21.93	43.50	21.57	Peak
5	260.144	36.93	-12.50	24.43	46.00	21.57	Peak
6	501.179	38.20	-5.99	32.21	46.00	13.79	Peak

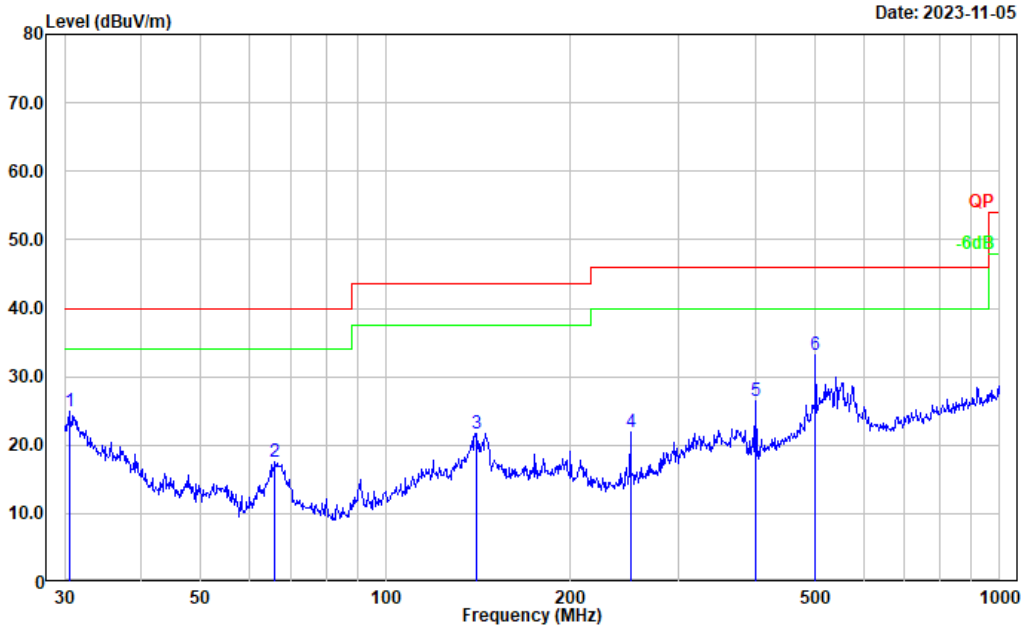
Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	37.548	37.28	-9.52	27.76	40.00	12.24	Peak
2	43.812	42.74	-13.58	29.16	40.00	10.84	Peak
3	66.266	41.64	-16.86	24.78	40.00	15.22	Peak
4	139.851	34.22	-11.76	22.46	43.50	21.04	Peak
5	501.179	39.70	-5.99	33.71	46.00	12.29	Peak
6	582.743	40.30	-5.49	34.81	46.00	11.19	Peak

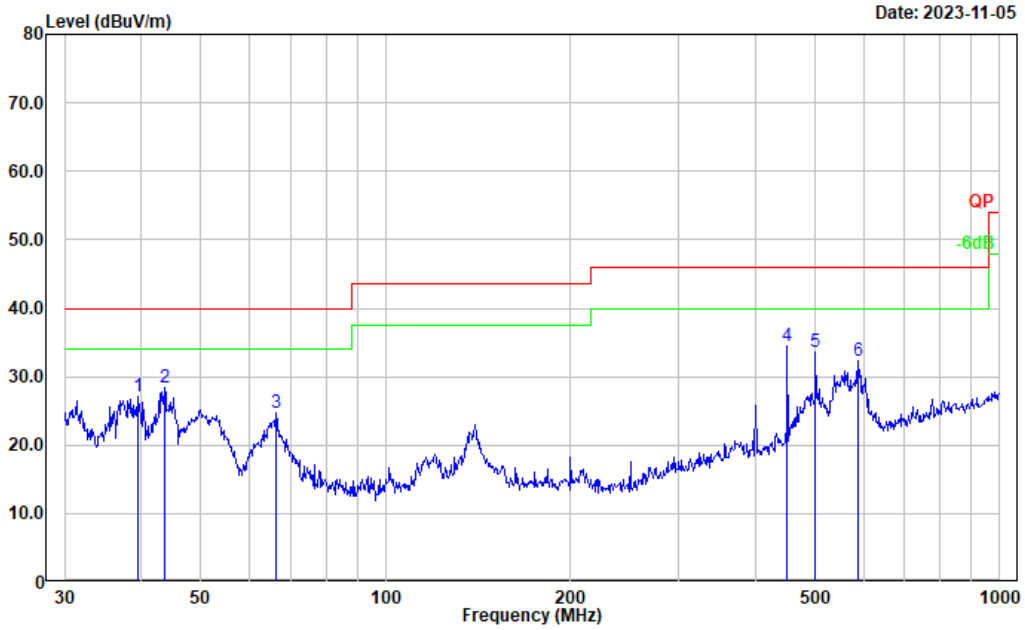
802.11a chain 2 5745MHz:

Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.531	29.22	-4.20	25.02	40.00	14.98	Peak
2	66.034	34.34	-16.89	17.45	40.00	22.55	Peak
3	140.835	33.53	-11.83	21.70	43.50	21.80	Peak
4	250.301	35.11	-13.18	21.93	46.00	24.07	Peak
5	400.432	35.12	-8.74	26.38	46.00	19.62	Peak
6	501.179	39.16	-5.99	33.17	46.00	12.83	Peak

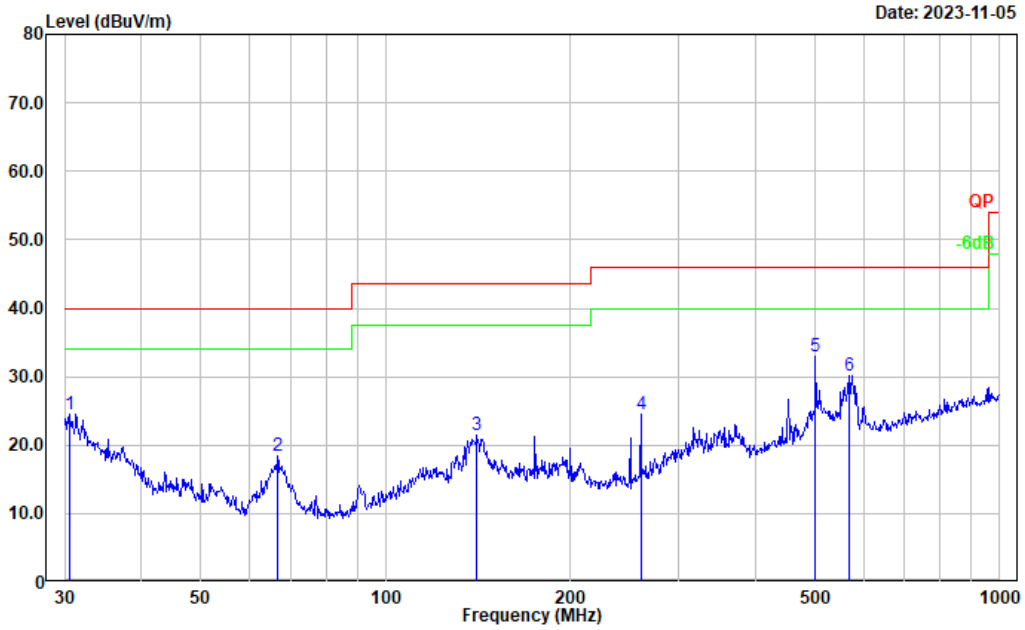
Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	39.437	38.19	-10.98	27.21	40.00	12.79	Peak
2	43.659	41.83	-13.49	28.34	40.00	11.66	Peak
3	66.266	41.48	-16.86	24.62	40.00	15.38	Peak
4	451.135	41.40	-6.91	34.49	46.00	11.51	Peak
5	501.179	39.64	-5.99	33.65	46.00	12.35	Peak
6	588.905	37.74	-5.34	32.40	46.00	13.60	Peak

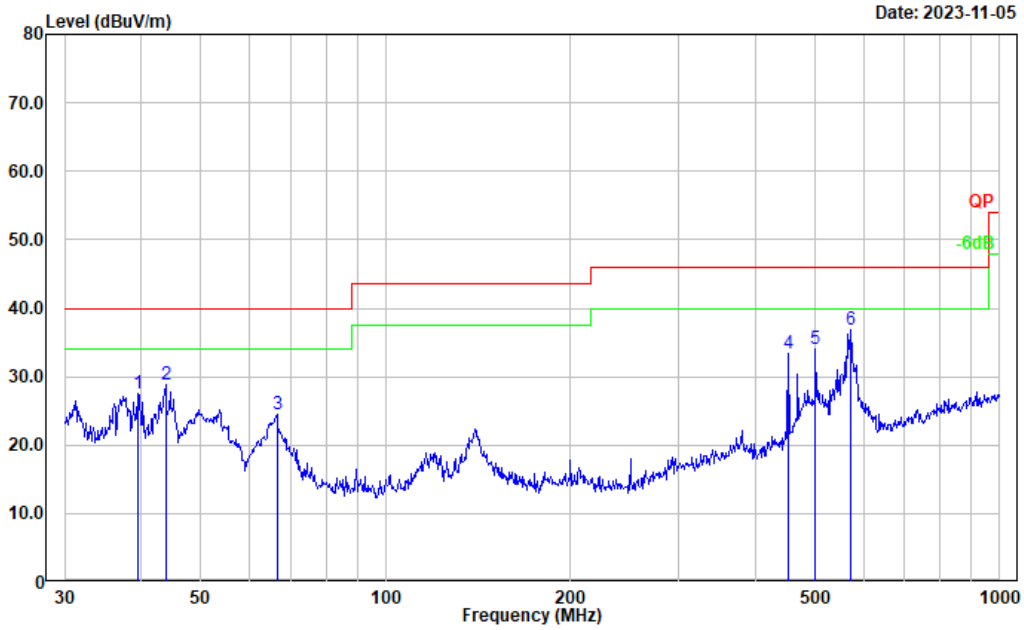
802.11a chain 2 5785MHz:

Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.531	28.77	-4.20	24.57	40.00	15.43	Peak
2	66.733	35.15	-16.83	18.32	40.00	21.68	Peak
3	140.835	33.38	-11.83	21.55	43.50	21.95	Peak
4	260.144	37.05	-12.50	24.55	46.00	21.45	Peak
5	501.179	38.95	-5.99	32.96	46.00	13.04	Peak
6	568.613	35.83	-5.62	30.21	46.00	15.79	Peak

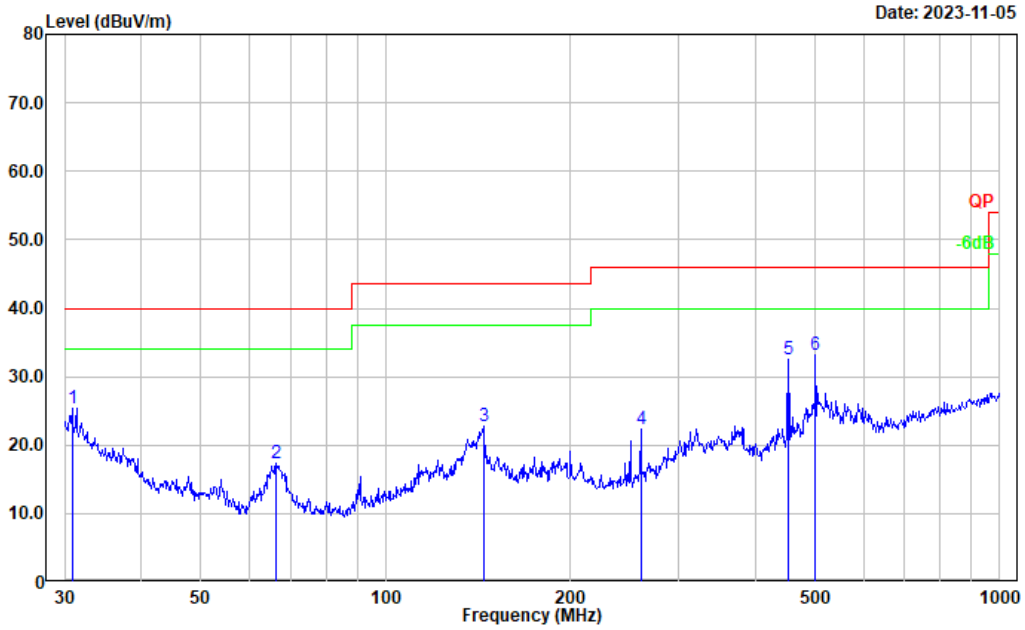
Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	39.437	38.48	-10.98	27.50	40.00	12.50	Peak
2	43.812	42.41	-13.58	28.83	40.00	11.17	Peak
3	66.499	41.39	-16.85	24.54	40.00	15.46	Peak
4	452.720	40.27	-6.85	33.42	46.00	12.58	Peak
5	501.179	40.12	-5.99	34.13	46.00	11.87	Peak
6	572.614	42.44	-5.60	36.84	46.00	9.16	Peak

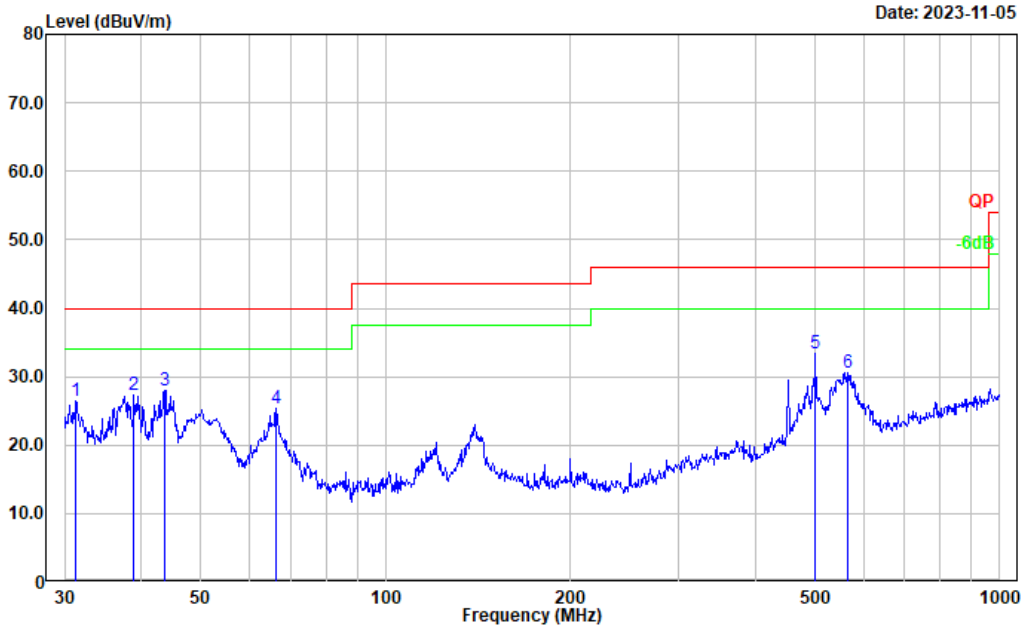
802.11a chain 2 5825MHz:

Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.853	29.74	-4.45	25.29	40.00	14.71	Peak
2	66.266	34.26	-16.86	17.40	40.00	22.60	Peak
3	144.335	34.72	-11.86	22.86	43.50	20.64	Peak
4	260.144	34.90	-12.50	22.40	46.00	23.60	Peak
5	452.720	39.48	-6.85	32.63	46.00	13.37	Peak
6	501.179	39.21	-5.99	33.22	46.00	12.78	Peak

Project No.: CR230957522-RF
Tester: Jeff Luo
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	31.289	31.14	-4.77	26.37	40.00	13.63	Peak
2	38.888	37.90	-10.54	27.36	40.00	12.64	Peak
3	43.659	41.54	-13.49	28.05	40.00	11.95	Peak
4	66.266	42.21	-16.86	25.35	40.00	14.65	Peak
5	501.179	39.28	-5.99	33.29	46.00	12.71	Peak
6	564.639	36.27	-5.60	30.67	46.00	15.33	Peak

2) 1GHz-40GHz:
5150-5250MHz:
802.11a(Chain 0):

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5180 MHz							
5150.000	30.45	PK	H	32.83	63.28	74.00	10.72
5150.000	17.88	AV	H	32.83	50.71	54.00	3.29
5150.000	31.67	PK	V	32.83	64.50	74.00	9.50
5150.000	18.26	AV	V	32.83	51.09	54.00	2.91
10360.000	35.25	PK	H	14.45	49.70	68.20	18.50
10360.000	35.46	PK	V	14.45	49.91	68.20	18.29
15540.000	33.54	PK	H	18.60	52.14	74.00	21.86
15540.000	20.69	AV	H	18.60	39.29	54.00	14.71
15540.000	33.47	PK	V	18.60	52.07	74.00	21.93
15540.000	20.38	AV	V	18.60	38.98	54.00	15.02
Middle Channel: 5200 MHz							
10400.000	35.62	PK	H	14.52	50.14	68.20	18.06
10400.000	35.78	PK	V	14.52	50.30	68.20	17.90
15600.000	33.49	PK	H	18.69	52.18	74.00	21.82
15600.000	20.37	AV	H	18.69	39.06	54.00	14.94
15600.000	33.61	PK	V	18.69	52.30	74.00	21.70
15600.000	20.52	AV	V	18.69	39.21	54.00	14.79
High Channel: 5240 MHz							
5350.000	29.65	PK	H	32.70	62.35	74.00	11.65
5350.000	17.23	AV	H	32.70	49.93	54.00	4.07
5350.000	29.89	PK	V	32.70	62.59	74.00	11.41
5350.000	17.46	AV	V	32.70	50.16	54.00	3.84
10480.000	36.25	PK	H	14.40	50.65	68.20	17.55
10480.000	36.47	PK	V	14.40	50.87	68.20	17.33
15720.000	34.63	PK	H	18.80	53.43	74.00	20.57
15720.000	21.06	AV	H	18.80	39.86	54.00	14.14
15720.000	34.75	PK	V	18.80	53.55	74.00	20.45
15720.000	21.68	AV	V	18.80	40.48	54.00	13.52

802.11a(Chain 1):

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5180 MHz							
5150.000	30.65	PK	H	32.83	63.48	74.00	10.52
5150.000	17.65	AV	H	32.83	50.48	54.00	3.52
5150.000	31.65	PK	V	32.83	64.48	74.00	9.52
5150.000	18.41	AV	V	32.83	51.24	54.00	2.76
10360.000	34.64	PK	H	14.45	49.09	68.20	19.11
10360.000	34.73	PK	V	14.45	49.18	68.20	19.02
15540.000	33.65	PK	H	18.60	52.25	74.00	21.75
15540.000	20.29	AV	H	18.60	38.89	54.00	15.11
15540.000	33.71	PK	V	18.60	52.31	74.00	21.69
15540.000	20.53	AV	V	18.60	39.13	54.00	14.87
Middle Channel: 5200 MHz							
10400.000	35.44	PK	H	14.52	49.96	68.20	18.24
10400.000	35.86	PK	V	14.52	50.38	68.20	17.82
15600.000	33.46	PK	H	18.69	52.15	74.00	21.85
15600.000	20.43	AV	H	18.69	39.12	54.00	14.88
15600.000	33.63	PK	V	18.69	52.32	74.00	21.68
15600.000	20.57	AV	V	18.69	39.26	54.00	14.74
High Channel: 5240 MHz							
5350.000	29.68	PK	H	32.70	62.38	74.00	11.62
5350.000	17.15	AV	H	32.70	49.85	54.00	4.15
5350.000	29.98	PK	V	32.70	62.68	74.00	11.32
5350.000	17.35	AV	V	32.70	50.05	54.00	3.95
10480.000	35.64	PK	H	14.40	50.04	68.20	18.16
10480.000	35.98	PK	V	14.40	50.38	68.20	17.82
15720.000	34.23	PK	H	18.80	53.03	74.00	20.97
15720.000	21.58	AV	H	18.80	40.38	54.00	13.62
15720.000	34.62	PK	V	18.80	53.42	74.00	20.58
15720.000	21.69	AV	V	18.80	40.49	54.00	13.51

802.11a(Chain 2):

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5180 MHz							
5150.000	32.67	PK	H	32.83	65.50	74.00	8.50
5150.000	18.17	AV	H	32.83	51.00	54.00	3.00
5150.000	38.42	PK	V	32.83	71.25	74.00	2.75
5150.000	20.07	AV	V	32.83	52.90	54.00	1.10
10360.000	36.23	PK	H	14.45	50.68	68.20	17.52
10360.000	37.55	PK	V	14.45	52.00	68.20	16.20
15540.000	39.20	PK	H	18.60	57.80	74.00	16.20
15540.000	26.38	AV	H	18.60	44.98	54.00	9.02
15540.000	42.23	PK	V	18.60	60.83	74.00	13.17
15540.000	29.66	AV	V	18.60	48.26	54.00	5.74
Middle Channel: 5200 MHz							
10400.000	35.20	PK	H	14.52	49.72	68.20	18.48
10400.000	35.47	PK	V	14.52	49.99	68.20	18.21
15600.000	39.42	PK	H	18.69	58.11	74.00	15.89
15600.000	26.18	AV	H	18.69	44.87	54.00	9.13
15600.000	43.20	PK	V	18.69	61.89	74.00	12.11
15600.000	30.12	AV	V	18.69	48.81	54.00	5.19
High Channel: 5240 MHz							
5350.000	29.97	PK	H	32.70	62.67	74.00	11.33
5350.000	17.11	AV	H	32.70	49.81	54.00	4.19
5350.000	30.42	PK	V	32.70	63.12	74.00	10.88
5350.000	17.16	AV	V	32.70	49.86	54.00	4.14
10480.000	38.21	PK	H	14.40	52.61	68.20	15.59
10480.000	37.21	PK	V	14.40	51.61	68.20	16.59
15720.000	40.02	PK	H	18.80	58.82	74.00	15.18
15720.000	27.20	AV	H	18.80	46.00	54.00	8.00
15720.000	41.25	PK	V	18.80	60.05	74.00	13.95
15720.000	28.47	AV	V	18.80	47.27	54.00	6.73

802.11n ht20(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5180MHz							
5150.000	31.45	PK	H	32.83	64.28	74.00	9.72
5150.000	17.97	AV	H	32.83	50.80	54.00	3.20
5150.000	32.03	PK	V	32.83	64.86	74.00	9.14
5150.000	18.23	AV	V	32.83	51.06	54.00	2.94
10360.000	36.52	PK	H	14.45	50.97	68.20	17.23
10360.000	36.47	PK	V	14.45	50.92	68.20	17.28
15540.000	34.53	PK	H	18.60	53.13	74.00	20.87
15540.000	21.67	AV	H	18.60	40.27	54.00	13.73
15540.000	34.69	PK	V	18.60	53.29	74.00	20.71
15540.000	21.75	AV	V	18.60	40.35	54.00	13.65
Middle Channel: 5200 MHz							
10400.000	36.67	PK	H	14.52	51.19	68.20	17.01
10400.000	36.95	PK	V	14.52	51.47	68.20	16.73
15600.000	34.56	PK	H	18.69	53.25	74.00	20.75
15600.000	21.67	AV	H	18.69	40.36	54.00	13.64
15600.000	34.69	PK	V	18.69	53.38	74.00	20.62
15600.000	21.73	AV	V	18.69	40.42	54.00	13.58
High Channel: 5240 MHz							
5350.000	31.25	PK	H	32.70	63.95	74.00	10.05
5350.000	17.70	AV	H	32.70	50.40	54.00	3.60
5350.000	31.68	PK	V	32.70	64.38	74.00	9.62
5350.000	18.32	AV	V	32.70	51.02	54.00	2.98
10480.000	37.15	PK	H	14.40	51.55	68.20	16.65
10480.000	37.46	PK	V	14.40	51.86	68.20	16.34
15720.000	34.61	PK	H	18.80	53.41	74.00	20.59
15720.000	21.57	AV	H	18.80	40.37	54.00	13.63
15720.000	34.75	PK	V	18.80	53.55	74.00	20.45
15720.000	21.48	AV	V	18.80	40.28	54.00	13.72

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5180MHz							
5150.000	31.25	PK	H	32.83	64.08	74.00	9.92
5150.000	17.66	AV	H	32.83	50.49	54.00	3.51
5150.000	35.58	PK	V	32.83	68.41	74.00	5.59
5150.000	19.78	AV	V	32.83	52.61	54.00	1.39
10360.000	37.43	PK	H	14.45	51.88	68.20	16.32
10360.000	40.33	PK	V	14.45	54.78	68.20	13.42
15540.000	38.63	PK	H	18.60	57.23	74.00	16.77
15540.000	25.41	AV	H	18.60	44.01	54.00	9.99
15540.000	41.87	PK	V	18.60	60.47	74.00	13.53
15540.000	28.66	AV	V	18.60	47.26	54.00	6.74
Middle Channel: 5200 MHz							
10400.000	34.25	PK	H	14.52	48.77	68.20	19.43
10400.000	34.50	PK	V	14.52	49.02	68.20	19.18
15600.000	37.66	PK	H	18.69	56.35	74.00	17.65
15600.000	24.82	AV	H	18.69	43.51	54.00	10.49
15600.000	38.88	PK	V	18.69	57.57	74.00	16.43
15600.000	25.78	AV	V	18.69	44.47	54.00	9.53
High Channel: 5240 MHz							
5350.000	30.25	PK	H	32.70	62.95	74.00	11.05
5350.000	16.74	AV	H	32.70	49.44	54.00	4.56
5350.000	30.44	PK	V	32.70	63.14	74.00	10.86
5350.000	16.82	AV	V	32.70	49.52	54.00	4.48
10480.000	38.66	PK	H	14.40	53.06	68.20	15.14
10480.000	41.75	PK	V	14.40	56.15	68.20	12.05
15720.000	38.17	PK	H	18.80	56.97	74.00	17.03
15720.000	25.42	AV	H	18.80	44.22	54.00	9.78
15720.000	39.72	PK	V	18.80	58.52	74.00	15.48
15720.000	26.82	AV	V	18.80	45.62	54.00	8.38

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5180MHz							
5150.000	31.23	PK	H	32.83	64.06	74.00	9.94
5150.000	17.89	AV	H	32.83	50.72	54.00	3.28
5150.000	31.48	PK	V	32.83	64.31	74.00	9.69
5150.000	18.62	AV	V	32.83	51.45	54.00	2.55
10360.000	35.78	PK	H	14.45	50.23	68.20	17.97
10360.000	36.45	PK	V	14.45	50.90	68.20	17.30
15540.000	36.11	PK	H	18.60	54.71	74.00	19.29
15540.000	24.02	AV	H	18.60	42.62	54.00	11.38
15540.000	36.78	PK	V	18.60	55.38	74.00	18.62
15540.000	24.23	AV	V	18.60	42.83	54.00	11.17
Middle Channel: 5200 MHz							
10400.000	35.85	PK	H	14.52	50.37	68.20	17.83
10400.000	37.01	PK	V	14.52	51.53	68.20	16.67
15600.000	36.28	PK	H	18.69	54.97	74.00	19.03
15600.000	24.14	AV	H	18.69	42.83	54.00	11.17
15600.000	36.52	PK	V	18.69	55.21	74.00	18.79
15600.000	24.30	AV	V	18.69	42.99	54.00	11.01
High Channel: 5240 MHz							
5350.000	30.12	PK	H	32.70	62.82	74.00	11.18
5350.000	17.25	AV	H	32.70	49.95	54.00	4.05
5350.000	30.66	PK	V	32.70	63.36	74.00	10.64
5350.000	18.01	AV	V	32.70	50.71	54.00	3.29
10480.000	37.64	PK	H	14.40	52.04	68.20	16.16
10480.000	38.59	PK	V	14.40	52.99	68.20	15.21
15720.000	35.80	PK	H	18.80	54.60	74.00	19.40
15720.000	23.64	AV	H	18.80	42.44	54.00	11.56
15720.000	35.89	PK	V	18.80	54.69	74.00	19.31
15720.000	23.24	AV	V	18.80	42.04	54.00	11.96

802.11n ht40(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5190 MHz							
5150.000	32.41	PK	H	32.83	65.24	74.00	8.76
5150.000	18.35	AV	H	32.83	51.18	54.00	2.82
5150.000	33.46	PK	V	32.83	66.29	74.00	7.71
5150.000	19.35	AV	V	32.83	52.18	54.00	1.82
10380.000	35.64	PK	H	14.49	50.13	68.20	18.07
10380.000	35.70	PK	V	14.49	50.19	68.20	18.01
15570.000	35.47	PK	H	18.65	54.12	74.00	19.88
15570.000	22.15	AV	H	18.65	40.80	54.00	13.20
15570.000	35.63	PK	V	18.65	54.28	74.00	19.72
15570.000	22.37	AV	V	18.65	41.02	54.00	12.98
High Channel: 5230 MHz							
5350.000	30.36	PK	H	32.70	63.06	74.00	10.94
5350.000	17.53	AV	H	32.70	50.23	54.00	3.77
5350.000	30.47	PK	V	32.70	63.17	74.00	10.83
5350.000	17.69	AV	V	32.70	50.39	54.00	3.61
10460.000	35.68	PK	H	14.43	50.11	68.20	18.09
10460.000	36.34	PK	V	14.43	50.77	68.20	17.43
15690.000	35.16	PK	H	18.75	53.91	74.00	20.09
15690.000	22.15	AV	H	18.75	40.90	54.00	13.10
15690.000	35.34	PK	V	18.75	54.09	74.00	19.91
15690.000	22.38	AV	V	18.75	41.13	54.00	12.87

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5190 MHz							
5150.000	31.25	PK	H	32.83	64.08	74.00	9.92
5150.000	17.86	AV	H	32.83	50.69	54.00	3.31
5150.000	34.87	PK	V	32.83	67.70	74.00	6.30
5150.000	19.91	AV	V	32.83	52.74	54.00	1.26
10380.000	36.87	PK	H	14.49	51.36	68.20	16.84
10380.000	37.82	PK	V	14.49	52.31	68.20	15.89
15570.000	36.87	PK	H	18.65	55.52	74.00	18.48
15570.000	23.49	AV	H	18.65	42.14	54.00	11.86
15570.000	37.83	PK	V	18.65	56.48	74.00	17.52
15570.000	24.41	AV	V	18.65	43.06	54.00	10.94
High Channel: 5230 MHz							
5350.000	30.23	PK	H	32.70	62.93	74.00	11.07
5350.000	16.52	AV	H	32.70	49.22	54.00	4.78
5350.000	30.34	PK	V	32.70	63.04	74.00	10.96
5350.000	16.60	AV	V	32.70	49.30	54.00	4.70
10460.000	37.01	PK	H	14.43	51.44	68.20	16.76
10460.000	38.37	PK	V	14.43	52.80	68.20	15.40
15690.000	37.48	PK	H	18.75	56.23	74.00	17.77
15690.000	24.60	AV	H	18.75	43.35	54.00	10.65
15690.000	38.69	PK	V	18.75	57.44	74.00	16.56
15690.000	25.74	AV	V	18.75	44.49	54.00	9.51

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5190 MHz							
5150.000	32.57	PK	H	32.83	65.40	74.00	8.60
5150.000	18.76	AV	H	32.83	51.59	54.00	2.41
5150.000	33.67	PK	V	32.83	66.50	74.00	7.50
5150.000	19.54	AV	V	32.83	52.37	54.00	1.63
10380.000	36.54	PK	H	14.49	51.03	68.20	17.17
10380.000	36.69	PK	V	14.49	51.18	68.20	17.02
15570.000	35.39	PK	H	18.65	54.04	74.00	19.96
15570.000	23.12	AV	H	18.65	41.77	54.00	12.23
15570.000	35.78	PK	V	18.65	54.43	74.00	19.57
15570.000	23.52	AV	V	18.65	42.17	54.00	11.83
High Channel: 5230 MHz							
5350.000	29.78	PK	H	32.70	62.48	74.00	11.52
5350.000	17.23	AV	H	32.70	49.93	54.00	4.07
5350.000	30.42	PK	V	32.70	63.12	74.00	10.88
5350.000	17.85	AV	V	32.70	50.55	54.00	3.45
10460.000	36.78	PK	H	14.43	51.21	68.20	16.99
10460.000	37.16	PK	V	14.43	51.59	68.20	16.61
15690.000	36.73	PK	H	18.75	55.48	74.00	18.52
15690.000	24.41	AV	H	18.75	43.16	54.00	10.84
15690.000	36.59	PK	V	18.75	55.34	74.00	18.66
15690.000	24.22	AV	V	18.75	42.97	54.00	11.03

802.11ac vht20(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5180MHz							
5150.000	31.36	PK	H	32.83	64.19	74.00	9.81
5150.000	17.79	AV	H	32.83	50.62	54.00	3.38
5150.000	32.06	PK	V	32.83	64.89	74.00	9.11
5150.000	18.35	AV	V	32.83	51.18	54.00	2.82
10360.000	35.47	PK	H	14.45	49.92	68.20	18.28
10360.000	35.68	PK	V	14.45	50.13	68.20	18.07
15540.000	34.60	PK	H	18.60	53.20	74.00	20.80
15540.000	21.40	AV	H	18.60	40.00	54.00	14.00
15540.000	34.53	PK	V	18.60	53.13	74.00	20.87
15540.000	21.65	AV	V	18.60	40.25	54.00	13.75
Middle Channel: 5200 MHz							
10400.000	35.78	PK	H	14.52	50.30	68.20	17.90
10400.000	35.64	PK	V	14.52	50.16	68.20	18.04
15600.000	34.66	PK	H	18.69	53.35	74.00	20.65
15600.000	21.59	AV	H	18.69	40.28	54.00	13.72
15600.000	34.78	PK	V	18.69	53.47	74.00	20.53
15600.000	21.68	AV	V	18.69	40.37	54.00	13.63
High Channel: 5240 MHz							
5350.000	31.02	PK	H	32.70	63.72	74.00	10.28
5350.000	17.46	AV	H	32.70	50.16	54.00	3.84
5350.000	31.35	PK	V	32.70	64.05	74.00	9.95
5350.000	17.70	AV	V	32.70	50.40	54.00	3.60
10480.000	36.23	PK	H	14.40	50.63	68.20	17.57
10480.000	36.57	PK	V	14.40	50.97	68.20	17.23
15720.000	34.67	PK	H	18.80	53.47	74.00	20.53
15720.000	21.82	AV	H	18.80	40.62	54.00	13.38
15720.000	34.49	PK	V	18.80	53.29	74.00	20.71
15720.000	21.71	AV	V	18.80	40.51	54.00	13.49

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5180MHz							
5150.000	30.36	PK	H	32.83	63.19	74.00	10.81
5150.000	16.88	AV	H	32.83	49.71	54.00	4.29
5150.000	36.79	PK	V	32.83	69.62	74.00	4.38
5150.000	18.81	AV	V	32.83	51.64	54.00	2.36
10360.000	38.25	PK	H	14.45	52.70	68.20	15.50
10360.000	41.41	PK	V	14.45	55.86	68.20	12.34
15540.000	38.63	PK	H	18.60	57.23	74.00	16.77
15540.000	25.44	AV	H	18.60	44.04	54.00	9.96
15540.000	40.62	PK	V	18.60	59.22	74.00	14.78
15540.000	27.55	AV	V	18.60	46.15	54.00	7.85
Middle Channel: 5200 MHz							
10400.000	37.47	PK	H	14.52	51.99	68.20	16.21
10400.000	39.20	PK	V	14.52	53.72	68.20	14.48
15600.000	37.98	PK	H	18.69	56.67	74.00	17.33
15600.000	25.04	AV	H	18.69	43.73	54.00	10.27
15600.000	40.62	PK	V	18.69	59.31	74.00	14.69
15600.000	27.11	AV	V	18.69	45.80	54.00	8.20
High Channel: 5240 MHz							
5350.000	30.24	PK	H	32.70	62.94	74.00	11.06
5350.000	16.33	AV	H	32.70	49.03	54.00	4.97
5350.000	30.41	PK	V	32.70	63.11	74.00	10.89
5350.000	17.02	AV	V	32.70	49.72	54.00	4.28
10480.000	38.20	PK	H	14.40	52.60	68.20	15.60
10480.000	37.10	PK	V	14.40	51.50	68.20	16.70
15720.000	38.20	PK	H	18.80	57.00	74.00	17.00
15720.000	25.11	AV	H	18.80	43.91	54.00	10.09
15720.000	40.23	PK	V	18.80	59.03	74.00	14.97
15720.000	27.55	AV	V	18.80	46.35	54.00	7.65

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5180MHz							
5150.000	31.45	PK	H	32.83	64.28	74.00	9.72
5150.000	18.52	AV	H	32.83	51.35	54.00	2.65
5150.000	31.76	PK	V	32.83	64.59	74.00	9.41
5150.000	18.78	AV	V	32.83	51.61	54.00	2.39
10360.000	35.47	PK	H	14.45	49.92	68.20	18.28
10360.000	35.97	PK	V	14.45	50.42	68.20	17.78
15540.000	34.71	PK	H	18.60	53.31	74.00	20.69
15540.000	22.58	AV	H	18.60	41.18	54.00	12.82
15540.000	35.12	PK	V	18.60	53.72	74.00	20.28
15540.000	23.02	AV	V	18.60	41.62	54.00	12.38
Middle Channel: 5200 MHz							
10400.000	35.79	PK	H	14.52	50.31	68.20	17.89
10400.000	35.68	PK	V	14.52	50.20	68.20	18.00
15600.000	36.58	PK	H	18.69	55.27	74.00	18.73
15600.000	24.37	AV	H	18.69	43.06	54.00	10.94
15600.000	36.34	PK	V	18.69	55.03	74.00	18.97
15600.000	24.10	AV	V	18.69	42.79	54.00	11.21
High Channel: 5240 MHz							
5350.000	29.78	PK	H	32.70	62.48	74.00	11.52
5350.000	17.46	AV	H	32.70	50.16	54.00	3.84
5350.000	30.02	PK	V	32.70	62.72	74.00	11.28
5350.000	17.98	AV	V	32.70	50.68	54.00	3.32
10480.000	38.67	PK	H	14.40	53.07	68.20	15.13
10480.000	38.77	PK	V	14.40	53.17	68.20	15.03
15720.000	36.64	PK	H	18.80	55.44	74.00	18.56
15720.000	24.39	AV	H	18.80	43.19	54.00	10.81
15720.000	36.90	PK	V	18.80	55.70	74.00	18.30
15720.000	24.53	AV	V	18.80	43.33	54.00	10.67

802.11ac vht40(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5190 MHz							
5150.000	32.45	PK	H	32.83	65.28	74.00	8.72
5150.000	18.21	AV	H	32.83	51.04	54.00	2.96
5150.000	34.53	PK	V	32.83	67.36	74.00	6.64
5150.000	18.99	AV	V	32.83	51.82	54.00	2.18
10380.000	34.76	PK	H	14.49	49.25	68.20	18.95
10380.000	35.11	PK	V	14.49	49.60	68.20	18.60
15570.000	35.15	PK	H	18.65	53.80	74.00	20.20
15570.000	22.23	AV	H	18.65	40.88	54.00	13.12
15570.000	35.64	PK	V	18.65	54.29	74.00	19.71
15570.000	22.28	AV	V	18.65	40.93	54.00	13.07
High Channel: 5230 MHz							
5350.000	30.54	PK	H	32.70	63.24	74.00	10.76
5350.000	17.59	AV	H	32.70	50.29	54.00	3.71
5350.000	30.76	PK	V	32.70	63.46	74.00	10.54
5350.000	17.85	AV	V	32.70	50.55	54.00	3.45
10460.000	34.67	PK	H	14.43	49.10	68.20	19.10
10460.000	35.03	PK	V	14.43	49.46	68.20	18.74
15690.000	35.47	PK	H	18.75	54.22	74.00	19.78
15690.000	22.23	AV	H	18.75	40.98	54.00	13.02
15690.000	35.69	PK	V	18.75	54.44	74.00	19.56
15690.000	22.71	AV	V	18.75	41.46	54.00	12.54

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5190 MHz							
5150.000	31.20	PK	H	32.83	64.03	74.00	9.97
5150.000	17.33	AV	H	32.83	50.16	54.00	3.84
5150.000	33.78	PK	V	32.83	66.61	74.00	7.39
5150.000	19.29	AV	V	32.83	52.12	54.00	1.88
10380.000	33.86	PK	H	14.49	48.35	68.20	19.85
10380.000	34.20	PK	V	14.49	48.69	68.20	19.51
15570.000	36.54	PK	H	18.65	55.19	74.00	18.81
15570.000	23.47	AV	H	18.65	42.12	54.00	11.88
15570.000	37.20	PK	V	18.65	55.85	74.00	18.15
15570.000	24.24	AV	V	18.65	42.89	54.00	11.11
High Channel: 5230 MHz							
5350.000	30.23	PK	H	32.70	62.93	74.00	11.07
5350.000	16.80	AV	H	32.70	49.50	54.00	4.50
5350.000	30.52	PK	V	32.70	63.22	74.00	10.78
5350.000	16.84	AV	V	32.70	49.54	54.00	4.46
10460.000	33.52	PK	H	14.43	47.95	68.20	20.25
10460.000	34.02	PK	V	14.43	48.45	68.20	19.75
15690.000	36.25	PK	H	18.75	55.00	74.00	19.00
15690.000	23.58	AV	H	18.75	42.33	54.00	11.67
15690.000	36.88	PK	V	18.75	55.63	74.00	18.37
15690.000	23.74	AV	V	18.75	42.49	54.00	11.51

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5190 MHz							
5150.000	31.45	PK	H	32.83	64.28	74.00	9.72
5150.000	18.64	AV	H	32.83	51.47	54.00	2.53
5150.000	33.46	PK	V	32.83	66.29	74.00	7.71
5150.000	19.87	AV	V	32.83	52.70	54.00	1.30
10380.000	33.66	PK	H	14.49	48.15	68.20	20.05
10380.000	34.10	PK	V	14.49	48.59	68.20	19.61
15570.000	35.58	PK	H	18.65	54.23	74.00	19.77
15570.000	23.32	AV	H	18.65	41.97	54.00	12.03
15570.000	35.47	PK	V	18.65	54.12	74.00	19.88
15570.000	23.21	AV	V	18.65	41.86	54.00	12.14
High Channel: 5230 MHz							
5350.000	29.51	PK	H	32.70	62.21	74.00	11.79
5350.000	17.23	AV	H	32.70	49.93	54.00	4.07
5350.000	30.23	PK	V	32.70	62.93	74.00	11.07
5350.000	18.10	AV	V	32.70	50.80	54.00	3.20
10460.000	33.78	PK	H	14.43	48.21	68.20	19.99
10460.000	33.69	PK	V	14.43	48.12	68.20	20.08
15690.000	36.32	PK	H	18.75	55.07	74.00	18.93
15690.000	24.85	AV	H	18.75	43.60	54.00	10.40
15690.000	36.23	PK	V	18.75	54.98	74.00	19.02
15690.000	24.12	AV	V	18.75	42.87	54.00	11.13

802.11ac vht80(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5210 MHz							
5150.000	33.76	PK	H	32.83	66.59	74.00	7.41
5150.000	18.74	AV	H	32.83	51.57	54.00	2.43
5150.000	34.12	PK	V	32.83	66.95	74.00	7.05
5150.000	18.89	AV	V	32.83	51.72	54.00	2.28
5350.000	29.78	PK	H	32.70	62.48	74.00	11.52
5350.000	17.64	AV	H	32.70	50.34	54.00	3.66
5350.000	29.86	PK	V	32.70	62.56	74.00	11.44
5350.000	17.67	AV	V	32.70	50.37	54.00	3.63
10420.000	30.87	PK	H	14.49	45.36	68.20	22.84
10420.000	30.69	PK	V	14.49	45.18	68.20	23.02
15630.000	34.85	PK	H	18.71	53.56	74.00	20.44
15630.000	21.52	AV	H	18.71	40.23	54.00	13.77
15630.000	34.69	PK	V	18.71	53.40	74.00	20.60
15630.000	21.88	AV	V	18.71	40.59	54.00	13.41

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5210 MHz							
5150.000	36.74	PK	H	32.83	69.57	74.00	4.43
5150.000	18.32	AV	H	32.83	51.15	54.00	2.85
5150.000	38.62	PK	V	32.83	71.45	74.00	2.55
5150.000	19.22	AV	V	32.83	52.05	54.00	1.95
5350.000	30.18	PK	H	32.70	62.88	74.00	11.12
5350.000	17.09	AV	H	32.70	49.79	54.00	4.21
5350.000	30.22	PK	V	32.70	62.92	74.00	11.08
5350.000	17.19	AV	V	32.70	49.89	54.00	4.11
10420.000	33.91	PK	H	14.49	48.40	68.20	19.80
10420.000	34.10	PK	V	14.49	48.59	68.20	19.61
15630.000	35.47	PK	H	18.71	54.18	74.00	19.82
15630.000	22.74	AV	H	18.71	41.45	54.00	12.55
15630.000	36.69	PK	V	18.71	55.40	74.00	18.60
15630.000	23.58	AV	V	18.71	42.29	54.00	11.71

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5210 MHz							
5150.000	30.12	PK	H	32.83	62.95	74.00	11.05
5150.000	17.89	AV	H	32.83	50.72	54.00	3.28
5150.000	34.69	PK	V	32.83	67.52	74.00	6.48
5150.000	18.25	AV	V	32.83	51.08	54.00	2.92
5350.000	30.02	PK	H	32.70	62.72	74.00	11.28
5350.000	17.23	AV	H	32.70	49.93	54.00	4.07
5350.000	30.47	PK	V	32.70	63.17	74.00	10.83
5350.000	17.07	AV	V	32.70	49.77	54.00	4.23
10420.000	33.54	PK	H	14.49	48.03	68.20	20.17
10420.000	33.26	PK	V	14.49	47.75	68.20	20.45
15630.000	36.62	PK	H	18.71	55.33	74.00	18.67
15630.000	24.34	AV	H	18.71	43.05	54.00	10.95
15630.000	36.55	PK	V	18.71	55.26	74.00	18.74
15630.000	24.00	AV	V	18.71	42.71	54.00	11.29

802.11ac vht160(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector					
Middle Channel: 5250 MHz							
5150.000	34.69	PK	H	32.83	67.52	74.00	6.48
5150.000	18.60	AV	H	32.83	51.43	54.00	2.57
5150.000	35.24	PK	V	32.83	68.07	74.00	5.93
5150.000	18.76	AV	V	32.83	51.59	54.00	2.41
5350.000	32.54	PK	H	32.70	65.24	74.00	8.76
5350.000	17.75	AV	H	32.70	50.45	54.00	3.55
5350.000	32.89	PK	V	32.70	65.59	74.00	8.41
5350.000	17.67	AV	V	32.70	50.37	54.00	3.63
10500.000	31.76	PK	H	14.37	46.13	68.20	22.07
10500.000	31.85	PK	V	14.37	46.22	68.20	21.98
15750.000	34.68	PK	H	18.85	53.53	74.00	20.47
15750.000	21.53	AV	H	18.85	40.38	54.00	13.62
15750.000	34.76	PK	V	18.85	53.61	74.00	20.39
15750.000	21.50	AV	V	18.85	40.35	54.00	13.65

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector					
Middle Channel: 5250 MHz							
5150.000	36.47	PK	H	32.83	69.30	74.00	4.70
5150.000	17.68	AV	H	32.83	50.51	54.00	3.49
5150.000	37.43	PK	V	32.83	70.26	74.00	3.74
5150.000	18.62	AV	V	32.83	51.45	54.00	2.55
5350.000	34.20	PK	H	32.70	66.90	74.00	7.10
5350.000	16.20	AV	H	32.70	48.90	54.00	5.10
5350.000	35.52	PK	V	32.70	68.22	74.00	5.78
5350.000	17.86	AV	V	32.70	50.56	54.00	3.44
10500.000	33.30	PK	H	14.37	47.67	68.20	20.53
10500.000	33.58	PK	V	14.37	47.95	68.20	20.25
15750.000	34.89	PK	H	18.85	53.74	74.00	20.26
15750.000	21.82	AV	H	18.85	40.67	54.00	13.33
15750.000	35.17	PK	V	18.85	54.02	74.00	19.98
15750.000	22.59	AV	V	18.85	41.44	54.00	12.56

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5250 MHz							
5150.000	30.02	PK	H	32.83	62.85	74.00	11.15
5150.000	17.41	AV	H	32.83	50.24	54.00	3.76
5150.000	32.14	PK	V	32.83	64.97	74.00	9.03
5150.000	18.56	AV	V	32.83	51.39	54.00	2.61
5350.000	29.77	PK	H	32.70	62.47	74.00	11.53
5350.000	17.31	AV	H	32.70	50.01	54.00	3.99
5350.000	31.20	PK	V	32.70	63.90	74.00	10.10
5350.000	18.10	AV	V	32.70	50.80	54.00	3.20
10500.000	33.78	PK	H	14.37	48.15	68.20	20.05
10500.000	33.54	PK	V	14.37	47.91	68.20	20.29
15750.000	36.25	PK	H	18.85	55.10	74.00	18.90
15750.000	24.15	AV	H	18.85	43.00	54.00	11.00
15750.000	36.22	PK	V	18.85	55.07	74.00	18.93
15750.000	24.38	AV	V	18.85	43.23	54.00	10.77

802.11ax he20(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5180MHz							
5150.000	31.08	PK	H	32.83	63.91	74.00	10.09
5150.000	17.54	AV	H	32.83	50.37	54.00	3.63
5150.000	32.54	PK	V	32.83	65.37	74.00	8.63
5150.000	18.32	AV	V	32.83	51.15	54.00	2.85
10360.000	36.38	PK	H	14.45	50.83	68.20	17.37
10360.000	36.54	PK	V	14.45	50.99	68.20	17.21
15540.000	34.29	PK	H	18.60	52.89	74.00	21.11
15540.000	21.57	AV	H	18.60	40.17	54.00	13.83
15540.000	34.68	PK	V	18.60	53.28	74.00	20.72
15540.000	21.73	AV	V	18.60	40.33	54.00	13.67
Middle Channel: 5200 MHz							
10400.000	36.47	PK	H	14.52	50.99	68.20	17.21
10400.000	36.82	PK	V	14.52	51.34	68.20	16.86
15600.000	34.49	PK	H	18.69	53.18	74.00	20.82
15600.000	21.43	AV	H	18.69	40.12	54.00	13.88
15600.000	34.50	PK	V	18.69	53.19	74.00	20.81
15600.000	21.29	AV	V	18.69	39.98	54.00	14.02
High Channel: 5240 MHz							
5350.000	30.19	PK	H	32.70	62.89	74.00	11.11
5350.000	17.64	AV	H	32.70	50.34	54.00	3.66
5350.000	30.73	PK	V	32.70	63.43	74.00	10.57
5350.000	17.82	AV	V	32.70	50.52	54.00	3.48
10480.000	36.69	PK	H	14.40	51.09	68.20	17.11
10480.000	36.78	PK	V	14.40	51.18	68.20	17.02
15720.000	34.67	PK	H	18.80	53.47	74.00	20.53
15720.000	21.38	AV	H	18.80	40.18	54.00	13.82
15720.000	34.99	PK	V	18.80	53.79	74.00	20.21
15720.000	21.50	AV	V	18.80	40.30	54.00	13.70

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5180MHz							
5150.000	30.23	PK	H	32.83	63.06	74.00	10.94
5150.000	16.47	AV	H	32.83	49.30	54.00	4.70
5150.000	39.16	PK	V	32.83	71.99	74.00	2.01
5150.000	19.22	AV	V	32.83	52.05	54.00	1.95
10360.000	35.89	PK	H	14.45	50.34	68.20	17.86
10360.000	38.79	PK	V	14.45	53.24	68.20	14.96
15540.000	37.88	PK	H	18.60	56.48	74.00	17.52
15540.000	24.59	AV	H	18.60	43.19	54.00	10.81
15540.000	40.12	PK	V	18.60	58.72	74.00	15.28
15540.000	26.72	AV	V	18.60	45.32	54.00	8.68
Middle Channel: 5200 MHz							
10400.000	36.86	PK	H	14.52	51.38	68.20	16.82
10400.000	40.28	PK	V	14.52	54.80	68.20	13.40
15600.000	37.10	PK	H	18.69	55.79	74.00	18.21
15600.000	24.62	AV	H	18.69	43.31	54.00	10.69
15600.000	40.25	PK	V	18.69	58.94	74.00	15.06
15600.000	27.39	AV	V	18.69	46.08	54.00	7.92
High Channel: 5240 MHz							
5350.000	30.10	PK	H	32.70	62.80	74.00	11.20
5350.000	16.36	AV	H	32.70	49.06	54.00	4.94
5350.000	30.48	PK	V	32.70	63.18	74.00	10.82
5350.000	16.88	AV	V	32.70	49.58	54.00	4.42
10480.000	37.20	PK	H	14.40	51.60	68.20	16.60
10480.000	41.52	PK	V	14.40	55.92	68.20	12.28
15720.000	37.41	PK	H	18.80	56.21	74.00	17.79
15720.000	24.56	AV	H	18.80	43.36	54.00	10.64
15720.000	40.77	PK	V	18.80	59.57	74.00	14.43
15720.000	27.69	AV	V	18.80	46.49	54.00	7.51

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5180MHz							
5150.000	30.17	PK	H	32.83	63.00	74.00	11.00
5150.000	17.86	AV	H	32.83	50.69	54.00	3.31
5150.000	31.39	PK	V	32.83	64.22	74.00	9.78
5150.000	18.03	AV	V	32.83	50.86	54.00	3.14
10360.000	36.54	PK	H	14.45	50.99	68.20	17.21
10360.000	36.73	PK	V	14.45	51.18	68.20	17.02
15540.000	35.38	PK	H	18.60	53.98	74.00	20.02
15540.000	23.47	AV	H	18.60	42.07	54.00	11.93
15540.000	35.69	PK	V	18.60	54.29	74.00	19.71
15540.000	23.11	AV	V	18.60	41.71	54.00	12.29
Middle Channel: 5200 MHz							
10400.000	36.49	PK	H	14.52	51.01	68.20	17.19
10400.000	36.82	PK	V	14.52	51.34	68.20	16.86
15600.000	37.66	PK	H	18.69	56.35	74.00	17.65
15600.000	25.20	AV	H	18.69	43.89	54.00	10.11
15600.000	36.89	PK	V	18.69	55.58	74.00	18.42
15600.000	24.47	AV	V	18.69	43.16	54.00	10.84
High Channel: 5240 MHz							
5350.000	29.68	PK	H	32.70	62.38	74.00	11.62
5350.000	17.20	AV	H	32.70	49.90	54.00	4.10
5350.000	30.24	PK	V	32.70	62.94	74.00	11.06
5350.000	18.21	AV	V	32.70	50.91	54.00	3.09
10480.000	36.71	PK	H	14.40	51.11	68.20	17.09
10480.000	36.95	PK	V	14.40	51.35	68.20	16.85
15720.000	36.84	PK	H	18.80	55.64	74.00	18.36
15720.000	24.23	AV	H	18.80	43.03	54.00	10.97
15720.000	36.85	PK	V	18.80	55.65	74.00	18.35
15720.000	24.35	AV	V	18.80	43.15	54.00	10.85

802.11ax he40(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5190 MHz							
5150.000	32.49	PK	H	32.83	65.32	74.00	8.68
5150.000	18.76	AV	H	32.83	51.59	54.00	2.41
5150.000	33.86	PK	V	32.83	66.69	74.00	7.31
5150.000	19.76	AV	V	32.83	52.59	54.00	1.41
10380.000	35.78	PK	H	14.49	50.27	68.20	17.93
10380.000	36.15	PK	V	14.49	50.64	68.20	17.56
15570.000	35.26	PK	H	18.65	53.91	74.00	20.09
15570.000	22.41	AV	H	18.65	41.06	54.00	12.94
15570.000	35.47	PK	V	18.65	54.12	74.00	19.88
15570.000	22.59	AV	V	18.65	41.24	54.00	12.76
High Channel: 5230 MHz							
5350.000	30.74	PK	H	32.70	63.44	74.00	10.56
5350.000	18.11	AV	H	32.70	50.81	54.00	3.19
5350.000	30.97	PK	V	32.70	63.67	74.00	10.33
5350.000	18.32	AV	V	32.70	51.02	54.00	2.98
10460.000	35.97	PK	H	14.43	50.40	68.20	17.80
10460.000	36.34	PK	V	14.43	50.77	68.20	17.43
15690.000	35.47	PK	H	18.75	54.22	74.00	19.78
15690.000	22.52	AV	H	18.75	41.27	54.00	12.73
15690.000	35.78	PK	V	18.75	54.53	74.00	19.47
15690.000	22.48	AV	V	18.75	41.23	54.00	12.77

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5190 MHz							
5150.000	29.68	PK	H	32.83	62.51	74.00	11.49
5150.000	16.23	AV	H	32.83	49.06	54.00	4.94
5150.000	37.57	PK	V	32.83	70.40	74.00	3.60
5150.000	19.61	AV	V	32.83	52.44	54.00	1.56
10380.000	33.83	PK	H	14.49	48.32	68.20	19.88
10380.000	37.14	PK	V	14.49	51.63	68.20	16.57
15570.000	35.02	PK	H	18.65	53.67	74.00	20.33
15570.000	22.31	AV	H	18.65	40.96	54.00	13.04
15570.000	38.20	PK	V	18.65	56.85	74.00	17.15
15570.000	25.41	AV	V	18.65	44.06	54.00	9.94
High Channel: 5230 MHz							
5350.000	29.67	PK	H	32.70	62.37	74.00	11.63
5350.000	16.20	AV	H	32.70	48.90	54.00	5.10
5350.000	29.88	PK	V	32.70	62.58	74.00	11.42
5350.000	16.45	AV	V	32.70	49.15	54.00	4.85
10460.000	35.20	PK	H	14.43	49.63	68.20	18.57
10460.000	38.44	PK	V	14.43	52.87	68.20	15.33
15690.000	36.77	PK	H	18.75	55.52	74.00	18.48
15690.000	23.41	AV	H	18.75	42.16	54.00	11.84
15690.000	39.52	PK	V	18.75	58.27	74.00	15.73
15690.000	26.38	AV	V	18.75	45.13	54.00	8.87

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5190 MHz							
5150.000	31.87	PK	H	32.83	64.70	74.00	9.30
5150.000	19.35	AV	H	32.83	52.18	54.00	1.82
5150.000	33.47	PK	V	32.83	66.30	74.00	7.70
5150.000	19.54	AV	V	32.83	52.37	54.00	1.63
10380.000	33.56	PK	H	14.49	48.05	68.20	20.15
10380.000	33.88	PK	V	14.49	48.37	68.20	19.83
15570.000	35.11	PK	H	18.65	53.76	74.00	20.24
15570.000	23.02	AV	H	18.65	41.67	54.00	12.33
15570.000	35.78	PK	V	18.65	54.43	74.00	19.57
15570.000	23.63	AV	V	18.65	42.28	54.00	11.72
High Channel: 5230 MHz							
5350.000	30.22	PK	H	32.70	62.92	74.00	11.08
5350.000	17.20	AV	H	32.70	49.90	54.00	4.10
5350.000	30.26	PK	V	32.70	62.96	74.00	11.04
5350.000	17.32	AV	V	32.70	50.02	54.00	3.98
10460.000	33.85	PK	H	14.43	48.28	68.20	19.92
10460.000	34.12	PK	V	14.43	48.55	68.20	19.65
15690.000	36.89	PK	H	18.75	55.64	74.00	18.36
15690.000	24.45	AV	H	18.75	43.20	54.00	10.80
15690.000	36.55	PK	V	18.75	55.30	74.00	18.70
15690.000	24.01	AV	V	18.75	42.76	54.00	11.24

802.11ax he80(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5210 MHz							
5150.000	35.16	PK	H	32.83	67.99	74.00	6.01
5150.000	19.21	AV	H	32.83	52.04	54.00	1.96
5150.000	35.32	PK	V	32.83	68.15	74.00	5.85
5150.000	19.57	AV	V	32.83	52.40	54.00	1.60
5350.000	30.43	PK	H	32.70	63.13	74.00	10.87
5350.000	17.19	AV	H	32.70	49.89	54.00	4.11
5350.000	30.54	PK	V	32.70	63.24	74.00	10.76
5350.000	17.23	AV	V	32.70	49.93	54.00	4.07
10420.000	30.45	PK	H	14.49	44.94	68.20	23.26
10420.000	30.36	PK	V	14.49	44.85	68.20	23.35
15630.000	34.65	PK	H	18.71	53.36	74.00	20.64
15630.000	21.47	AV	H	18.71	40.18	54.00	13.82
15630.000	34.86	PK	V	18.71	53.57	74.00	20.43
15630.000	21.79	AV	V	18.71	40.50	54.00	13.50

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5210 MHz							
5150.000	29.77	PK	H	32.83	62.60	74.00	11.40
5150.000	16.57	AV	H	32.83	49.40	54.00	4.60
5150.000	34.78	PK	V	32.83	67.61	74.00	6.39
5150.000	20.05	AV	V	32.83	52.88	54.00	1.12
5350.000	29.36	PK	H	32.70	62.06	74.00	11.94
5350.000	16.78	AV	H	32.70	49.48	54.00	4.52
5350.000	29.93	PK	V	32.70	62.63	74.00	11.37
5350.000	16.87	AV	V	32.70	49.57	54.00	4.43
10420.000	33.20	PK	H	14.49	47.69	68.20	20.51
10420.000	33.47	PK	V	14.49	47.96	68.20	20.24
15630.000	34.85	PK	H	18.71	53.56	74.00	20.44
15630.000	21.65	AV	H	18.71	40.36	54.00	13.64
15630.000	36.29	PK	V	18.71	55.00	74.00	19.00
15630.000	23.55	AV	V	18.71	42.26	54.00	11.74

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5210 MHz							
5150.000	32.02	PK	H	32.83	64.85	74.00	9.15
5150.000	18.10	AV	H	32.83	50.93	54.00	3.07
5150.000	34.16	PK	V	32.83	66.99	74.00	7.01
5150.000	18.88	AV	V	32.83	51.71	54.00	2.29
5350.000	30.20	PK	H	32.70	62.90	74.00	11.10
5350.000	17.01	AV	H	32.70	49.71	54.00	4.29
5350.000	30.08	PK	V	32.70	62.78	74.00	11.22
5350.000	17.15	AV	V	32.70	49.85	54.00	4.15
10420.000	33.69	PK	H	14.49	48.18	68.20	20.02
10420.000	33.27	PK	V	14.49	47.76	68.20	20.44
15630.000	35.78	PK	H	18.71	54.49	74.00	19.51
15630.000	23.69	AV	H	18.71	42.40	54.00	11.60
15630.000	36.47	PK	V	18.71	55.18	74.00	18.82
15630.000	24.20	AV	V	18.71	42.91	54.00	11.09

802.11ax he160(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector					
Middle Channel: 5250 MHz							
5150.000	32.54	PK	H	32.83	65.37	74.00	8.63
5150.000	18.11	AV	H	32.83	50.94	54.00	3.06
5150.000	33.21	PK	V	32.83	66.04	74.00	7.96
5150.000	18.67	AV	V	32.83	51.50	54.00	2.50
5350.000	31.56	PK	H	32.70	64.26	74.00	9.74
5350.000	17.43	AV	H	32.70	50.13	54.00	3.87
5350.000	31.64	PK	V	32.70	64.34	74.00	9.66
5350.000	17.68	AV	V	32.70	50.38	54.00	3.62
10500.000	33.25	PK	H	14.37	47.62	68.20	20.58
10500.000	33.49	PK	V	14.37	47.86	68.20	20.34
15750.000	34.67	PK	H	18.85	53.52	74.00	20.48
15750.000	21.38	AV	H	18.85	40.23	54.00	13.77
15750.000	34.52	PK	V	18.85	53.37	74.00	20.63
15750.000	21.25	AV	V	18.85	40.10	54.00	13.90

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector					
Middle Channel: 5250 MHz							
5150.000	29.36	PK	H	32.83	62.19	74.00	11.81
5150.000	16.44	AV	H	32.83	49.27	54.00	4.73
5150.000	35.87	PK	V	32.83	68.70	74.00	5.30
5150.000	19.41	AV	V	32.83	52.24	54.00	1.76
5350.000	29.34	PK	H	32.70	62.04	74.00	11.96
5350.000	16.22	AV	H	32.70	48.92	54.00	5.08
5350.000	36.85	PK	V	32.70	69.55	74.00	4.45
5350.000	19.89	AV	V	32.70	52.59	54.00	1.41
10500.000	34.89	PK	H	14.37	49.26	68.20	18.94
10500.000	37.28	PK	V	14.37	51.65	68.20	16.55
15750.000	33.68	PK	H	18.85	52.53	74.00	21.47
15750.000	20.58	AV	H	18.85	39.43	54.00	14.57
15750.000	34.74	PK	V	18.85	53.59	74.00	20.41
15750.000	22.10	AV	V	18.85	40.95	54.00	13.05

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5250 MHz							
5150.000	30.58	PK	H	32.83	63.41	74.00	10.59
5150.000	17.33	AV	H	32.83	50.16	54.00	3.84
5150.000	32.39	PK	V	32.83	65.22	74.00	8.78
5150.000	18.05	AV	V	32.83	50.88	54.00	3.12
5350.000	30.68	PK	H	32.70	63.38	74.00	10.62
5350.000	17.20	AV	H	32.70	49.90	54.00	4.10
5350.000	31.17	PK	V	32.70	63.87	74.00	10.13
5350.000	17.40	AV	V	32.70	50.10	54.00	3.90
10500.000	33.41	PK	H	14.37	47.78	68.20	20.42
10500.000	33.68	PK	V	14.37	48.05	68.20	20.15
15750.000	35.87	PK	H	18.85	54.72	74.00	19.28
15750.000	23.69	AV	H	18.85	42.54	54.00	11.46
15750.000	36.84	PK	V	18.85	55.69	74.00	18.31
15750.000	24.19	AV	V	18.85	43.04	54.00	10.96

Note:
Result = Reading + Factor- Distance extrapolation Factor
For 1-40GHz:
Distance extrapolation Factor =20 log (specific distance [3m]/test distance [1.5m]) dB= 6.02 dB

5250-5350MHz
802.11a(Chain 0):

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5260 MHz							
5150.000	30.62	PK	H	32.83	63.45	74.00	10.55
5150.000	17.75	AV	H	32.83	50.58	54.00	3.42
5150.000	30.84	PK	V	32.83	63.67	74.00	10.33
5150.000	17.69	AV	V	32.83	50.52	54.00	3.48
10520.000	43.75	PK	H	14.51	58.26	68.20	9.94
10520.000	44.78	PK	V	14.51	59.29	68.20	8.91
15780.000	35.64	PK	H	18.90	54.54	74.00	19.46
15780.000	22.47	AV	H	18.90	41.37	54.00	12.63
15780.000	35.39	PK	V	18.90	54.29	74.00	19.71
15780.000	22.58	AV	V	18.90	41.48	54.00	12.52
Middle Channel: 5280 MHz							
10560.000	45.26	PK	H	14.79	60.05	68.20	8.15
10560.000	46.11	PK	V	14.79	60.90	68.20	7.30
15840.000	35.47	PK	H	19.10	54.57	74.00	19.43
15840.000	22.69	AV	H	19.10	41.79	54.00	12.21
15840.000	35.87	PK	V	19.10	54.97	74.00	19.03
15840.000	22.58	AV	V	19.10	41.68	54.00	12.32
High Channel: 5320 MHz							
5350.000	38.54	PK	H	32.70	71.24	74.00	2.76
5350.000	18.78	AV	H	32.70	51.48	54.00	2.52
5350.000	39.97	PK	V	32.70	72.67	74.00	1.33
5350.000	19.01	AV	V	32.70	51.71	54.00	2.29
10640.000	47.16	PK	H	15.11	62.27	74.00	11.73
10640.000	33.87	AV	H	15.11	48.98	54.00	5.02
10640.000	47.89	PK	V	15.11	63.00	74.00	11.00
10640.000	33.90	AV	V	15.11	49.01	54.00	4.99
15960.000	36.47	PK	H	19.22	55.69	74.00	18.31
15960.000	23.85	AV	H	19.22	43.07	54.00	10.93
15960.000	36.97	PK	V	19.22	56.19	74.00	17.81
15960.000	24.02	AV	V	19.22	43.24	54.00	10.76

802.11a(Chain 1):

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5260 MHz							
5150.000	30.23	PK	H	32.83	63.06	74.00	10.94
5150.000	17.10	AV	H	32.83	49.93	54.00	4.07
5150.000	31.02	PK	V	32.83	63.85	74.00	10.15
5150.000	17.78	AV	V	32.83	50.61	54.00	3.39
10520.000	36.14	PK	H	14.51	50.65	68.20	17.55
10520.000	41.03	PK	V	14.51	55.54	68.20	12.66
15780.000	36.58	PK	H	18.90	55.48	74.00	18.52
15780.000	24.45	AV	H	18.90	43.35	54.00	10.65
15780.000	44.18	PK	V	18.90	63.08	74.00	10.92
15780.000	32.58	AV	V	18.90	51.48	54.00	2.52
Middle Channel: 5280 MHz							
10560.000	37.10	PK	H	14.79	51.89	68.20	16.31
10560.000	40.63	PK	V	14.79	55.42	68.20	12.78
15840.000	36.12	PK	H	19.10	55.22	74.00	18.78
15840.000	24.20	AV	H	19.10	43.30	54.00	10.70
15840.000	43.02	PK	V	19.10	62.12	74.00	11.88
15840.000	31.58	AV	V	19.10	50.68	54.00	3.32
High Channel: 5320 MHz							
5350.000	30.02	PK	H	32.70	62.72	74.00	11.28
5350.000	17.22	AV	H	32.70	49.92	54.00	4.08
5350.000	30.72	PK	V	32.70	63.42	74.00	10.58
5350.000	17.89	AV	V	32.70	50.59	54.00	3.41
10640.000	37.76	PK	H	15.11	52.87	74.00	21.13
10640.000	25.34	AV	H	15.11	40.45	54.00	13.55
10640.000	42.75	PK	V	15.11	57.86	74.00	16.14
10640.000	30.59	AV	V	15.11	45.70	54.00	8.30
15960.000	35.10	PK	H	19.22	54.32	74.00	19.68
15960.000	23.58	AV	H	19.22	42.80	54.00	11.20
15960.000	35.78	PK	V	19.22	55.00	74.00	19.00
15960.000	23.33	AV	V	19.22	42.55	54.00	11.45

802.11a(Chain 2):

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5260 MHz							
5150.000	30.21	PK	H	32.83	63.04	74.00	10.96
5150.000	16.87	AV	H	32.83	49.70	54.00	4.30
5150.000	30.52	PK	V	32.83	63.35	74.00	10.65
5150.000	17.10	AV	V	32.83	49.93	54.00	4.07
10520.000	38.96	PK	H	14.51	53.47	68.20	14.73
10520.000	42.10	PK	V	14.51	56.61	68.20	11.59
15780.000	36.19	PK	H	18.90	55.09	74.00	18.91
15780.000	23.44	AV	H	18.90	42.34	54.00	11.66
15780.000	37.68	PK	V	18.90	56.58	74.00	17.42
15780.000	24.21	AV	V	18.90	43.11	54.00	10.89
Middle Channel: 5280 MHz							
10560.000	36.38	PK	H	14.79	51.17	68.20	17.03
10560.000	38.78	PK	V	14.79	53.57	68.20	14.63
15840.000	36.80	PK	H	19.10	55.90	74.00	18.10
15840.000	23.52	AV	H	19.10	42.62	54.00	11.38
15840.000	37.74	PK	V	19.10	56.84	74.00	17.16
15840.000	24.39	AV	V	19.10	43.49	54.00	10.51
High Channel: 5320 MHz							
5350.000	31.02	PK	H	32.70	63.72	74.00	10.28
5350.000	17.51	AV	H	32.70	50.21	54.00	3.79
5350.000	34.98	PK	V	32.70	67.68	74.00	6.32
5350.000	19.81	AV	V	32.70	52.51	54.00	1.49
10640.000	39.69	PK	H	15.11	54.80	74.00	19.20
10640.000	26.78	AV	H	15.11	41.89	54.00	12.11
10640.000	44.58	PK	V	15.11	59.69	74.00	14.31
10640.000	31.25	AV	V	15.11	46.36	54.00	7.64
15960.000	35.86	PK	H	19.22	55.08	74.00	18.92
15960.000	22.74	AV	H	19.22	41.96	54.00	12.04
15960.000	36.85	PK	V	19.22	56.07	74.00	17.93
15960.000	23.10	AV	V	19.22	42.32	54.00	11.68

802.11n ht20(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5260MHz							
5150.000	31.24	PK	H	32.83	64.07	74.00	9.93
5150.000	18.18	AV	H	32.83	51.01	54.00	2.99
5150.000	31.46	PK	V	32.83	64.29	74.00	9.71
5150.000	18.71	AV	V	32.83	51.54	54.00	2.46
10520.000	38.00	PK	H	14.51	52.51	68.20	15.69
10520.000	39.33	PK	V	14.51	53.84	68.20	14.36
15780.000	35.31	PK	H	18.90	54.21	74.00	19.79
15780.000	22.37	AV	H	18.90	41.27	54.00	12.73
15780.000	35.55	PK	V	18.90	54.45	74.00	19.55
15780.000	22.18	AV	V	18.90	41.08	54.00	12.92
Middle Channel: 5280 MHz							
10560.000	38.48	PK	H	14.79	53.27	68.20	14.93
10560.000	39.62	PK	V	14.79	54.41	68.20	13.79
15840.000	35.63	PK	H	19.10	54.73	74.00	19.27
15840.000	22.40	AV	H	19.10	41.50	54.00	12.50
15840.000	35.24	PK	V	19.10	54.34	74.00	19.66
15840.000	22.72	AV	V	19.10	41.82	54.00	12.18
High Channel: 5320 MHz							
5350.000	32.25	PK	H	32.70	64.95	74.00	9.05
5350.000	18.54	AV	H	32.70	51.24	54.00	2.76
5350.000	32.63	PK	V	32.70	65.33	74.00	8.67
5350.000	18.67	AV	V	32.70	51.37	54.00	2.63
10640.000	38.92	PK	H	15.11	54.03	74.00	19.97
10640.000	25.36	AV	H	15.11	40.47	54.00	13.53
10640.000	40.58	PK	V	15.11	55.69	74.00	18.31
10640.000	27.37	AV	V	15.11	42.48	54.00	11.52
15960.000	35.06	PK	H	19.22	54.28	74.00	19.72
15960.000	22.08	AV	H	19.22	41.30	54.00	12.70
15960.000	35.09	PK	V	19.22	54.31	74.00	19.69
15960.000	22.36	AV	V	19.22	41.58	54.00	12.42

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5260MHz							
5150.000	30.20	PK	H	32.83	63.03	74.00	10.97
5150.000	17.08	AV	H	32.83	49.91	54.00	4.09
5150.000	31.02	PK	V	32.83	63.85	74.00	10.15
5150.000	17.23	AV	V	32.83	50.06	54.00	3.94
10520.000	41.74	PK	H	14.51	56.25	68.20	11.95
10520.000	46.85	PK	V	14.51	61.36	68.20	6.84
15780.000	39.32	PK	H	18.90	58.22	74.00	15.78
15780.000	26.52	AV	H	18.90	45.42	54.00	8.58
15780.000	43.71	PK	V	18.90	62.61	74.00	11.39
15780.000	30.21	AV	V	18.90	49.11	54.00	4.89
Middle Channel: 5280 MHz							
10560.000	39.66	PK	H	14.79	54.45	68.20	13.75
10560.000	41.63	PK	V	14.79	56.42	68.20	11.78
15840.000	39.85	PK	H	19.10	58.95	74.00	15.05
15840.000	26.78	AV	H	19.10	45.88	54.00	8.12
15840.000	44.77	PK	V	19.10	63.87	74.00	10.13
15840.000	31.27	AV	V	19.10	50.37	54.00	3.63
High Channel: 5320 MHz							
5350.000	31.19	PK	H	32.70	63.89	74.00	10.11
5350.000	17.31	AV	H	32.70	50.01	54.00	3.99
5350.000	35.23	PK	V	32.70	67.93	74.00	6.07
5350.000	20.27	AV	V	32.70	52.97	54.00	1.03
10640.000	44.62	PK	H	15.11	59.73	74.00	14.27
10640.000	31.20	AV	H	15.11	46.31	54.00	7.69
10640.000	49.66	PK	V	15.11	64.77	74.00	9.23
10640.000	36.58	AV	V	15.11	51.69	54.00	2.31
15960.000	40.55	PK	H	19.22	59.77	74.00	14.23
15960.000	27.12	AV	H	19.22	46.34	54.00	7.66
15960.000	42.10	PK	V	19.22	61.32	74.00	12.68
15960.000	29.66	AV	V	19.22	48.88	54.00	5.12

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5260MHz							
5150.000	30.02	PK	H	32.83	62.85	74.00	11.15
5150.000	17.24	AV	H	32.83	50.07	54.00	3.93
5150.000	30.89	PK	V	32.83	63.72	74.00	10.28
5150.000	17.96	AV	V	32.83	50.79	54.00	3.21
10520.000	37.12	PK	H	14.51	51.63	68.20	16.57
10520.000	41.92	PK	V	14.51	56.43	68.20	11.77
15780.000	36.10	PK	H	18.90	55.00	74.00	19.00
15780.000	24.33	AV	H	18.90	43.23	54.00	10.77
15780.000	42.62	PK	V	18.90	61.52	74.00	12.48
15780.000	30.78	AV	V	18.90	49.68	54.00	4.32
Middle Channel: 5280 MHz							
10560.000	40.17	PK	H	14.79	54.96	68.20	13.24
10560.000	42.81	PK	V	14.79	57.60	68.20	10.60
15840.000	35.74	PK	H	19.10	54.84	74.00	19.16
15840.000	23.66	AV	H	19.10	42.76	54.00	11.24
15840.000	43.69	PK	V	19.10	62.79	74.00	11.21
15840.000	31.05	AV	V	19.10	50.15	54.00	3.85
High Channel: 5320 MHz							
5350.000	30.10	PK	H	32.70	62.80	74.00	11.20
5350.000	17.89	AV	H	32.70	50.59	54.00	3.41
5350.000	31.83	PK	V	32.70	64.53	74.00	9.47
5350.000	18.28	AV	V	32.70	50.98	54.00	3.02
10640.000	42.76	PK	H	15.11	57.87	74.00	16.13
10640.000	30.36	AV	H	15.11	45.47	54.00	8.53
10640.000	45.56	PK	V	15.11	60.67	74.00	13.33
10640.000	32.30	AV	V	15.11	47.41	54.00	6.59
15960.000	35.78	PK	H	19.22	55.00	74.00	19.00
15960.000	23.10	AV	H	19.22	42.32	54.00	11.68
15960.000	36.10	PK	V	19.22	55.32	74.00	18.68
15960.000	24.37	AV	V	19.22	43.59	54.00	10.41

802.11n ht40(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5270 MHz							
5150.000	30.18	PK	H	32.83	63.01	74.00	10.99
5150.000	17.65	AV	H	32.83	50.48	54.00	3.52
5150.000	30.69	PK	V	32.83	63.52	74.00	10.48
5150.000	17.78	AV	V	32.83	50.61	54.00	3.39
10540.000	40.67	PK	H	14.66	55.33	68.20	12.87
10540.000	27.58	PK	V	14.66	42.24	68.20	25.96
15810.000	34.69	PK	H	18.98	53.67	74.00	20.33
15810.000	21.37	AV	H	18.98	40.35	54.00	13.65
15810.000	34.56	PK	V	18.98	53.54	74.00	20.46
15810.000	21.48	AV	V	18.98	40.46	54.00	13.54
High Channel: 5310 MHz							
5350.000	38.87	PK	H	32.70	71.57	74.00	2.43
5350.000	18.01	AV	H	32.70	50.71	54.00	3.29
5350.000	39.32	PK	V	32.70	72.02	74.00	1.98
5350.000	18.28	AV	V	32.70	50.98	54.00	3.02
10620.000	43.18	PK	H	15.09	58.27	74.00	15.73
10620.000	30.25	AV	H	15.09	45.34	54.00	8.66
10620.000	43.71	PK	V	15.09	58.80	74.00	15.20
10620.000	30.49	AV	V	15.09	45.58	54.00	8.42
15930.000	34.78	PK	H	19.28	54.06	74.00	19.94
15930.000	21.69	AV	H	19.28	40.97	54.00	13.03
15930.000	34.69	PK	V	19.28	53.97	74.00	20.03
15930.000	21.25	AV	V	19.28	40.53	54.00	13.47

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5270 MHz							
5150.000	30.32	PK	H	32.83	63.15	74.00	10.85
5150.000	17.12	AV	H	32.83	49.95	54.00	4.05
5150.000	30.28	PK	V	32.83	63.11	74.00	10.89
5150.000	17.37	AV	V	32.83	50.20	54.00	3.80
10540.000	38.67	PK	H	14.66	53.33	68.20	14.87
10540.000	43.66	PK	V	14.66	58.32	68.20	9.88
15810.000	36.20	PK	H	18.98	55.18	74.00	18.82
15810.000	23.09	AV	H	18.98	42.07	54.00	11.93
15810.000	37.28	PK	V	18.98	56.26	74.00	17.74
15810.000	24.71	AV	V	18.98	43.69	54.00	10.31
High Channel: 5310 MHz							
5350.000	30.10	PK	H	32.70	62.80	74.00	11.20
5350.000	17.09	AV	H	32.70	49.79	54.00	4.21
5350.000	34.52	PK	V	32.70	67.22	74.00	6.78
5350.000	19.68	AV	V	32.70	52.38	54.00	1.62
10620.000	40.88	PK	H	15.09	55.97	74.00	18.03
10620.000	27.68	AV	H	15.09	42.77	54.00	11.23
10620.000	45.83	PK	V	15.09	60.92	74.00	13.08
10620.000	32.56	AV	V	15.09	47.65	54.00	6.35
15930.000	34.50	PK	H	19.28	53.78	74.00	20.22
15930.000	21.71	AV	H	19.28	40.99	54.00	13.01
15930.000	35.29	PK	V	19.28	54.57	74.00	19.43
15930.000	22.47	AV	V	19.28	41.75	54.00	12.25

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5270 MHz							
5150.000	30.20	PK	H	32.83	63.03	74.00	10.97
5150.000	17.52	AV	H	32.83	50.35	54.00	3.65
5150.000	31.19	PK	V	32.83	64.02	74.00	9.98
5150.000	18.00	AV	V	32.83	50.83	54.00	3.17
10540.000	35.84	PK	H	14.66	50.50	68.20	17.70
10540.000	40.23	PK	V	14.66	54.89	68.20	13.31
15810.000	35.42	PK	H	18.98	54.40	74.00	19.60
15810.000	23.37	AV	H	18.98	42.35	54.00	11.65
15810.000	40.27	PK	V	18.98	59.25	74.00	14.75
15810.000	28.13	AV	V	18.98	47.11	54.00	6.89
High Channel: 5310 MHz							
5350.000	31.11	PK	H	32.70	63.81	74.00	10.19
5350.000	18.02	AV	H	32.70	50.72	54.00	3.28
5350.000	34.57	PK	V	32.70	67.27	74.00	6.73
5350.000	19.45	AV	V	32.70	52.15	54.00	1.85
10620.000	40.72	PK	H	15.09	55.81	74.00	18.19
10620.000	28.36	AV	H	15.09	43.45	54.00	10.55
10620.000	44.45	PK	V	15.09	59.54	74.00	14.46
10620.000	32.17	AV	V	15.09	47.26	54.00	6.74
15930.000	35.44	PK	H	19.28	54.72	74.00	19.28
15930.000	23.07	AV	H	19.28	42.35	54.00	11.65
15930.000	35.71	PK	V	19.28	54.99	74.00	19.01
15930.000	23.34	AV	V	19.28	42.62	54.00	11.38

802.11ac vht20(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5260MHz							
5150.000	30.87	PK	H	32.83	63.70	74.00	10.30
5150.000	17.64	AV	H	32.83	50.47	54.00	3.53
5150.000	31.09	PK	V	32.83	63.92	74.00	10.08
5150.000	17.89	AV	V	32.83	50.72	54.00	3.28
10520.000	40.59	PK	H	14.51	55.10	68.20	13.10
10520.000	40.83	PK	V	14.51	55.34	68.20	12.86
15780.000	35.64	PK	H	18.90	54.54	74.00	19.46
15780.000	22.48	AV	H	18.90	41.38	54.00	12.62
15780.000	35.73	PK	V	18.90	54.63	74.00	19.37
15780.000	22.81	AV	V	18.90	41.71	54.00	12.29
Middle Channel: 5280 MHz							
10560.000	42.56	PK	H	14.79	57.35	68.20	10.85
10560.000	43.87	PK	V	14.79	58.66	68.20	9.54
15840.000	35.60	PK	H	19.10	54.70	74.00	19.30
15840.000	22.47	AV	H	19.10	41.57	54.00	12.43
15840.000	35.76	PK	V	19.10	54.86	74.00	19.14
15840.000	22.67	AV	V	19.10	41.77	54.00	12.23
High Channel: 5320 MHz							
5350.000	34.70	PK	H	32.70	67.40	74.00	6.60
5350.000	17.38	AV	H	32.70	50.08	54.00	3.92
5350.000	35.21	PK	V	32.70	67.91	74.00	6.09
5350.000	17.86	AV	V	32.70	50.56	54.00	3.44
10640.000	45.26	PK	H	15.11	60.37	74.00	13.63
10640.000	32.52	AV	H	15.11	47.63	54.00	6.37
10640.000	45.74	PK	V	15.11	60.85	74.00	13.15
10640.000	32.61	AV	V	15.11	47.72	54.00	6.28
15960.000	35.64	PK	H	19.22	54.86	74.00	19.14
15960.000	22.58	AV	H	19.22	41.80	54.00	12.20
15960.000	35.81	PK	V	19.22	55.03	74.00	18.97
15960.000	22.69	AV	V	19.22	41.91	54.00	12.09

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5260MHz							
5150.000	30.28	PK	H	32.83	63.11	74.00	10.89
5150.000	16.94	AV	H	32.83	49.77	54.00	4.23
5150.000	30.33	PK	V	32.83	63.16	74.00	10.84
5150.000	17.15	AV	V	32.83	49.98	54.00	4.02
10520.000	40.57	PK	H	14.51	55.08	68.20	13.12
10520.000	45.25	PK	V	14.51	59.76	68.20	8.44
15780.000	36.89	PK	H	18.90	55.79	74.00	18.21
15780.000	23.41	AV	H	18.90	42.31	54.00	11.69
15780.000	38.73	PK	V	18.90	57.63	74.00	16.37
15780.000	25.66	AV	V	18.90	44.56	54.00	9.44
Middle Channel: 5280 MHz							
10560.000	42.78	PK	H	14.79	57.57	68.20	10.63
10560.000	47.68	PK	V	14.79	62.47	68.20	5.73
15840.000	36.55	PK	H	19.10	55.65	74.00	18.35
15840.000	24.68	AV	H	19.10	43.78	54.00	10.22
15840.000	40.69	PK	V	19.10	59.79	74.00	14.21
15840.000	27.63	AV	V	19.10	46.73	54.00	7.27
High Channel: 5320 MHz							
5350.000	30.10	PK	H	32.70	62.80	74.00	11.20
5350.000	17.23	AV	H	32.70	49.93	54.00	4.07
5350.000	37.43	PK	V	32.70	70.13	74.00	3.87
5350.000	18.66	AV	V	32.70	51.36	54.00	2.64
10640.000	45.32	PK	H	15.11	60.43	74.00	13.57
10640.000	32.82	AV	H	15.11	47.93	54.00	6.07
10640.000	50.55	PK	V	15.11	65.66	74.00	8.34
10640.000	37.24	AV	V	15.11	52.35	54.00	1.65
15960.000	35.74	PK	H	19.22	54.96	74.00	19.04
15960.000	22.69	AV	H	19.22	41.91	54.00	12.09
15960.000	37.20	PK	V	19.22	56.42	74.00	17.58
15960.000	24.62	AV	V	19.22	43.84	54.00	10.16

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5260MHz							
5150.000	30.12	PK	H	32.83	62.95	74.00	11.05
5150.000	17.02	AV	H	32.83	49.85	54.00	4.15
5150.000	30.33	PK	V	32.83	63.16	74.00	10.84
5150.000	17.26	AV	V	32.83	50.09	54.00	3.91
10520.000	36.12	PK	H	14.51	50.63	68.20	17.57
10520.000	36.11	PK	V	14.51	50.62	68.20	17.58
15780.000	36.02	PK	H	18.90	54.92	74.00	19.08
15780.000	24.33	AV	H	18.90	43.23	54.00	10.77
15780.000	42.19	PK	V	18.90	61.09	74.00	12.91
15780.000	30.78	AV	V	18.90	49.68	54.00	4.32
Middle Channel: 5280 MHz							
10560.000	40.67	PK	H	14.79	55.46	68.20	12.74
10560.000	45.29	PK	V	14.79	60.08	68.20	8.12
15840.000	35.78	PK	H	19.10	54.88	74.00	19.12
15840.000	23.69	AV	H	19.10	42.79	54.00	11.21
15840.000	36.24	PK	V	19.10	55.34	74.00	18.66
15840.000	24.56	AV	V	19.10	43.66	54.00	10.34
High Channel: 5320 MHz							
5350.000	30.77	PK	H	32.70	63.47	74.00	10.53
5350.000	17.20	AV	H	32.70	49.90	54.00	4.10
5350.000	32.29	PK	V	32.70	64.99	74.00	9.01
5350.000	17.54	AV	V	32.70	50.24	54.00	3.76
10640.000	41.27	PK	H	15.11	56.38	74.00	17.62
10640.000	29.33	AV	H	15.11	44.44	54.00	9.56
10640.000	49.65	PK	V	15.11	64.76	74.00	9.24
10640.000	37.25	AV	V	15.11	52.36	54.00	**1.64**
15960.000	35.54	PK	H	19.22	54.76	74.00	19.24
15960.000	23.01	AV	H	19.22	42.23	54.00	11.77
15960.000	34.99	PK	V	19.22	54.21	74.00	19.79
15960.000	22.34	AV	V	19.22	41.56	54.00	12.44

802.11ac vht40(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5270 MHz							
5150.000	30.54	PK	H	32.83	63.37	74.00	10.63
5150.000	17.59	AV	H	32.83	50.42	54.00	3.58
5150.000	31.02	PK	V	32.83	63.85	74.00	10.15
5150.000	17.77	AV	V	32.83	50.60	54.00	3.40
10540.000	44.01	PK	H	14.66	58.67	68.20	9.53
10540.000	44.53	PK	V	14.66	59.19	68.20	9.01
15810.000	35.46	PK	H	18.98	54.44	74.00	19.56
15810.000	22.38	AV	H	18.98	41.36	54.00	12.64
15810.000	35.81	PK	V	18.98	54.79	74.00	19.21
15810.000	22.43	AV	V	18.98	41.41	54.00	12.59
High Channel: 5310 MHz							
5350.000	39.42	PK	H	32.70	72.12	74.00	1.88
5350.000	18.05	AV	H	32.70	50.75	54.00	3.25
5350.000	40.25	PK	V	32.70	72.95	74.00	1.05
5350.000	18.65	AV	V	32.70	51.35	54.00	2.65
10620.000	44.05	PK	H	15.09	59.14	74.00	14.86
10620.000	31.09	AV	H	15.09	46.18	54.00	7.82
10620.000	44.73	PK	V	15.09	59.82	74.00	14.18
10620.000	31.28	AV	V	15.09	46.37	54.00	7.63
15930.000	35.44	PK	H	19.28	54.72	74.00	19.28
15930.000	21.97	AV	H	19.28	41.25	54.00	12.75
15930.000	35.82	PK	V	19.28	55.10	74.00	18.90
15930.000	22.48	AV	V	19.28	41.76	54.00	12.24

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5270 MHz							
5150.000	29.87	PK	H	32.83	62.70	74.00	11.30
5150.000	16.79	AV	H	32.83	49.62	54.00	4.38
5150.000	30.20	PK	V	32.83	63.03	74.00	10.97
5150.000	16.88	AV	V	32.83	49.71	54.00	4.29
10540.000	42.10	PK	H	14.66	56.76	68.20	11.44
10540.000	46.32	PK	V	14.66	60.98	68.20	7.22
15810.000	37.08	PK	H	18.98	56.06	74.00	17.94
15810.000	24.55	AV	H	18.98	43.53	54.00	10.47
15810.000	39.31	PK	V	18.98	58.29	74.00	15.71
15810.000	26.42	AV	V	18.98	45.40	54.00	8.60
High Channel: 5310 MHz							
5350.000	29.77	PK	H	32.70	62.47	74.00	11.53
5350.000	16.82	AV	H	32.70	49.52	54.00	4.48
5350.000	39.06	PK	V	32.70	71.76	74.00	2.24
5350.000	18.49	AV	V	32.70	51.19	54.00	2.81
10620.000	44.20	PK	H	15.09	59.29	74.00	14.71
10620.000	31.20	AV	H	15.09	46.29	54.00	7.71
10620.000	48.70	PK	V	15.09	63.79	74.00	10.21
10620.000	35.62	AV	V	15.09	50.71	54.00	3.29
15930.000	36.55	PK	H	19.28	55.83	74.00	18.17
15930.000	23.41	AV	H	19.28	42.69	54.00	11.31
15930.000	38.55	PK	V	19.28	57.83	74.00	16.17
15930.000	24.60	AV	V	19.28	43.88	54.00	10.12

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5270 MHz							
5150.000	30.10	PK	H	32.83	62.93	74.00	11.07
5150.000	17.22	AV	H	32.83	50.05	54.00	3.95
5150.000	30.36	PK	V	32.83	63.19	74.00	10.81
5150.000	17.46	AV	V	32.83	50.29	54.00	3.71
10540.000	36.47	PK	H	14.66	51.13	68.20	17.07
10540.000	44.85	PK	V	14.66	59.51	68.20	8.69
15810.000	36.01	PK	H	18.98	54.99	74.00	19.01
15810.000	24.35	AV	H	18.98	43.33	54.00	10.67
15810.000	36.22	PK	V	18.98	55.20	74.00	18.80
15810.000	24.10	AV	V	18.98	43.08	54.00	10.92
High Channel: 5310 MHz							
5350.000	32.41	PK	H	32.70	65.11	74.00	8.89
5350.000	18.01	AV	H	32.70	50.71	54.00	3.29
5350.000	36.90	PK	V	32.70	69.60	74.00	4.40
5350.000	18.20	AV	V	32.70	50.90	54.00	3.10
10620.000	43.16	PK	H	15.09	58.25	74.00	15.75
10620.000	31.20	AV	H	15.09	46.29	54.00	7.71
10620.000	48.37	PK	V	15.09	63.46	74.00	10.54
10620.000	36.32	AV	V	15.09	51.41	54.00	2.59
15930.000	35.28	PK	H	19.28	54.56	74.00	19.44
15930.000	23.66	AV	H	19.28	42.94	54.00	11.06
15930.000	36.11	PK	V	19.28	55.39	74.00	18.61
15930.000	24.36	AV	V	19.28	43.64	54.00	10.36

802.11ac vht80(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5290 MHz							
5150.000	30.64	PK	H	32.83	63.47	74.00	10.53
5150.000	17.74	AV	H	32.83	50.57	54.00	3.43
5150.000	31.54	PK	V	32.83	64.37	74.00	9.63
5150.000	17.90	AV	V	32.83	50.73	54.00	3.27
5350.000	38.34	PK	H	32.70	71.04	74.00	2.96
5350.000	19.02	AV	H	32.70	51.72	54.00	2.28
5350.000	38.85	PK	V	32.70	71.55	74.00	2.45
5350.000	19.75	AV	V	32.70	52.45	54.00	1.55
10580.000	41.35	PK	H	14.94	56.29	68.20	11.91
10580.000	42.23	PK	V	14.94	57.17	68.20	11.03
15870.000	36.47	PK	H	19.21	55.68	74.00	18.32
15870.000	23.58	AV	H	19.21	42.79	54.00	11.21
15870.000	36.75	PK	V	19.21	55.96	74.00	18.04
15870.000	23.49	AV	V	19.21	42.70	54.00	11.30

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5290 MHz							
5150.000	30.25	PK	H	32.83	63.08	74.00	10.92
5150.000	17.55	AV	H	32.83	50.38	54.00	3.62
5150.000	30.28	PK	V	32.83	63.11	74.00	10.89
5150.000	17.63	AV	V	32.83	50.46	54.00	3.54
5350.000	29.82	PK	H	32.70	62.52	74.00	11.48
5350.000	17.10	AV	H	32.70	49.80	54.00	4.20
5350.000	36.62	PK	V	32.70	69.32	74.00	4.68
5350.000	18.58	AV	V	32.70	51.28	54.00	2.72
10580.000	42.20	PK	H	14.94	57.14	68.20	11.06
10580.000	45.33	PK	V	14.94	60.27	68.20	7.93
15870.000	36.55	PK	H	19.21	55.76	74.00	18.24
15870.000	23.47	AV	H	19.21	42.68	54.00	11.32
15870.000	39.31	PK	V	19.21	58.52	74.00	15.48
15870.000	26.50	AV	V	19.21	45.71	54.00	8.29

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
5150.000	30.66	PK	H	32.83	63.49	74.00	10.51
5150.000	17.23	AV	H	32.83	50.06	54.00	3.94
5150.000	30.58	PK	V	32.83	63.41	74.00	10.59
5150.000	17.05	AV	V	32.83	49.88	54.00	4.12
5350.000	32.48	PK	H	32.70	65.18	74.00	8.82
5350.000	17.45	AV	H	32.70	50.15	54.00	3.85
5350.000	36.63	PK	V	32.70	69.33	74.00	4.67
5350.000	18.31	AV	V	32.70	51.01	54.00	2.99
10580.000	37.58	PK	H	14.94	52.52	68.20	15.68
10580.000	45.20	PK	V	14.94	60.14	68.20	8.06
15870.000	35.77	PK	H	19.21	54.98	74.00	19.02
15870.000	23.56	AV	H	19.21	42.77	54.00	11.23
15870.000	36.47	PK	V	19.21	55.68	74.00	18.32
15870.000	24.33	AV	V	19.21	43.54	54.00	10.46

802.11ax he20(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5260MHz							
5150.000	30.45	PK	H	32.83	63.28	74.00	10.72
5150.000	17.39	AV	H	32.83	50.22	54.00	3.78
5150.000	30.67	PK	V	32.83	63.50	74.00	10.50
5150.000	17.62	AV	V	32.83	50.45	54.00	3.55
10520.000	37.21	PK	H	14.51	51.72	68.20	16.48
10520.000	38.54	PK	V	14.51	53.05	68.20	15.15
15780.000	34.52	PK	H	18.90	53.42	74.00	20.58
15780.000	21.58	AV	H	18.90	40.48	54.00	13.52
15780.000	34.76	PK	V	18.90	53.66	74.00	20.34
15780.000	21.39	AV	V	18.90	40.29	54.00	13.71
Middle Channel: 5280 MHz							
10560.000	37.61	PK	H	14.79	52.40	68.20	15.80
10560.000	38.75	PK	V	14.79	53.54	68.20	14.66
15840.000	34.76	PK	H	19.10	53.86	74.00	20.14
15840.000	21.53	AV	H	19.10	40.63	54.00	13.37
15840.000	34.37	PK	V	19.10	53.47	74.00	20.53
15840.000	21.85	AV	V	19.10	40.95	54.00	13.05
High Channel: 5320 MHz							
5350.000	31.42	PK	H	32.70	64.12	74.00	9.88
5350.000	17.71	AV	H	32.70	50.41	54.00	3.59
5350.000	31.80	PK	V	32.70	64.50	74.00	9.50
5350.000	17.84	AV	V	32.70	50.54	54.00	3.46
10640.000	37.69	PK	H	15.11	52.80	74.00	21.20
10640.000	24.53	AV	H	15.11	39.64	54.00	14.36
10640.000	39.75	PK	V	15.11	54.86	74.00	19.14
10640.000	26.54	AV	V	15.11	41.65	54.00	12.35
15960.000	34.23	PK	H	19.22	53.45	74.00	20.55
15960.000	21.25	AV	H	19.22	40.47	54.00	13.53
15960.000	34.26	PK	V	19.22	53.48	74.00	20.52
15960.000	21.53	AV	V	19.22	40.75	54.00	13.25

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5260MHz							
5150.000	29.37	PK	H	32.83	62.20	74.00	11.80
5150.000	16.55	AV	H	32.83	49.38	54.00	4.62
5150.000	29.64	PK	V	32.83	62.47	74.00	11.53
5150.000	16.58	AV	V	32.83	49.41	54.00	4.59
10520.000	35.86	PK	H	14.51	50.37	68.20	17.83
10520.000	41.52	PK	V	14.51	56.03	68.20	12.17
15780.000	34.19	PK	H	18.90	53.09	74.00	20.91
15780.000	21.48	AV	H	18.90	40.38	54.00	13.62
15780.000	35.52	PK	V	18.90	54.42	74.00	19.58
15780.000	22.41	AV	V	18.90	41.31	54.00	12.69
Middle Channel: 5280 MHz							
10560.000	37.68	PK	H	14.79	52.47	68.20	15.73
10560.000	44.40	PK	V	14.79	59.19	68.20	9.01
15840.000	34.20	PK	H	19.10	53.30	74.00	20.70
15840.000	21.56	AV	H	19.10	40.66	54.00	13.34
15840.000	36.53	PK	V	19.10	55.63	74.00	18.37
15840.000	23.18	AV	V	19.10	42.28	54.00	11.72
High Channel: 5320 MHz							
5350.000	29.66	PK	H	32.70	62.36	74.00	11.64
5350.000	16.34	AV	H	32.70	49.04	54.00	4.96
5350.000	39.64	PK	V	32.70	72.34	74.00	1.66
5350.000	19.77	AV	V	32.70	52.47	54.00	1.53
10640.000	38.55	PK	H	15.11	53.66	74.00	20.34
10640.000	25.49	AV	H	15.11	40.60	54.00	13.40
10640.000	46.73	PK	V	15.11	61.84	74.00	12.16
10640.000	32.52	AV	V	15.11	47.63	54.00	6.37
15960.000	34.22	PK	H	19.22	53.44	74.00	20.56
15960.000	21.54	AV	H	19.22	40.76	54.00	13.24
15960.000	36.20	PK	V	19.22	55.42	74.00	18.58
15960.000	23.14	AV	V	19.22	42.36	54.00	11.64

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5260MHz							
5150.000	29.47	PK	H	32.83	62.30	74.00	11.70
5150.000	17.01	AV	H	32.83	49.84	54.00	4.16
5150.000	30.58	PK	V	32.83	63.41	74.00	10.59
5150.000	17.43	AV	V	32.83	50.26	54.00	3.74
10520.000	35.12	PK	H	14.51	49.63	68.20	18.57
10520.000	36.23	PK	V	14.51	50.74	68.20	17.46
15780.000	36.58	PK	H	18.90	55.48	74.00	18.52
15780.000	24.49	AV	H	18.90	43.39	54.00	10.61
15780.000	40.74	PK	V	18.90	59.64	74.00	14.36
15780.000	28.36	AV	V	18.90	47.26	54.00	6.74
Middle Channel: 5280 MHz							
10560.000	41.21	PK	H	14.79	56.00	68.20	12.20
10560.000	44.69	PK	V	14.79	59.48	68.20	8.72
15840.000	36.12	PK	H	19.10	55.22	74.00	18.78
15840.000	24.30	AV	H	19.10	43.40	54.00	10.60
15840.000	35.78	PK	V	19.10	54.88	74.00	19.12
15840.000	23.64	AV	V	19.10	42.74	54.00	11.26
High Channel: 5320 MHz							
5350.000	31.01	PK	H	32.70	63.71	74.00	10.29
5350.000	17.12	AV	H	32.70	49.82	54.00	4.18
5350.000	32.95	PK	V	32.70	65.65	74.00	8.35
5350.000	17.63	AV	V	32.70	50.33	54.00	3.67
10640.000	40.36	PK	H	15.11	55.47	74.00	18.53
10640.000	28.33	AV	H	15.11	43.44	54.00	10.56
10640.000	47.12	PK	V	15.11	62.23	74.00	11.77
10640.000	35.20	AV	V	15.11	50.31	54.00	3.69
15960.000	35.13	PK	H	19.22	54.35	74.00	19.65
15960.000	23.63	AV	H	19.22	42.85	54.00	11.15
15960.000	35.78	PK	V	19.22	55.00	74.00	19.00
15960.000	23.47	AV	V	19.22	42.69	54.00	11.31

802.11ax he40(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5270 MHz							
5150.000	30.79	PK	H	32.83	63.62	74.00	10.38
5150.000	17.54	AV	H	32.83	50.37	54.00	3.63
5150.000	31.29	PK	V	32.83	64.12	74.00	9.88
5150.000	17.89	AV	V	32.83	50.72	54.00	3.28
10540.000	44.72	PK	H	14.66	59.38	68.20	8.82
10540.000	45.67	PK	V	14.66	60.33	68.20	7.87
15810.000	35.28	PK	H	18.98	54.26	74.00	19.74
15810.000	22.49	AV	H	18.98	41.47	54.00	12.53
15810.000	35.97	PK	V	18.98	54.95	74.00	19.05
15810.000	23.07	AV	V	18.98	42.05	54.00	11.95
High Channel: 5310 MHz							
5350.000	35.76	PK	H	32.70	68.46	74.00	5.54
5350.000	18.23	AV	H	32.70	50.93	54.00	3.07
5350.000	36.38	PK	V	32.70	69.08	74.00	4.92
5350.000	18.53	AV	V	32.70	51.23	54.00	2.77
10620.000	45.11	PK	H	15.09	60.20	74.00	13.80
10620.000	32.47	AV	H	15.09	47.56	54.00	6.44
10620.000	46.73	PK	V	15.09	61.82	74.00	12.18
10620.000	33.85	AV	V	15.09	48.94	54.00	5.06
15930.000	36.75	PK	H	19.28	56.03	74.00	17.97
15930.000	23.54	AV	H	19.28	42.82	54.00	11.18
15930.000	37.42	PK	V	19.28	56.70	74.00	17.30
15930.000	24.53	AV	V	19.28	43.81	54.00	10.19

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5270 MHz							
5150.000	29.33	PK	H	32.83	62.16	74.00	11.84
5150.000	16.48	AV	H	32.83	49.31	54.00	4.69
5150.000	29.69	PK	V	32.83	62.52	74.00	11.48
5150.000	16.67	AV	V	32.83	49.50	54.00	4.50
10540.000	37.85	PK	H	14.66	52.51	68.20	15.69
10540.000	42.58	PK	V	14.66	57.24	68.20	10.96
15810.000	34.28	PK	H	18.98	53.26	74.00	20.74
15810.000	21.36	AV	H	18.98	40.34	54.00	13.66
15810.000	35.22	PK	V	18.98	54.20	74.00	19.80
15810.000	22.28	AV	V	18.98	41.26	54.00	12.74
High Channel: 5310 MHz							
5350.000	29.63	PK	H	32.70	62.33	74.00	11.67
5350.000	16.48	AV	H	32.70	49.18	54.00	4.82
5350.000	39.67	PK	V	32.70	72.37	74.00	1.63
5350.000	20.23	AV	V	32.70	52.93	54.00	1.07
10620.000	37.13	PK	H	15.09	52.22	74.00	21.78
10620.000	21.27	AV	H	15.09	36.36	54.00	17.64
10620.000	45.28	PK	V	15.09	60.37	74.00	13.63
10620.000	31.36	AV	V	15.09	46.45	54.00	7.55
15930.000	34.63	PK	H	19.28	53.91	74.00	20.09
15930.000	21.41	AV	H	19.28	40.69	54.00	13.31
15930.000	35.20	PK	V	19.28	54.48	74.00	19.52
15930.000	22.11	AV	V	19.28	41.39	54.00	12.61

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5270 MHz							
5150.000	29.78	PK	H	32.83	62.61	74.00	11.39
5150.000	17.01	AV	H	32.83	49.84	54.00	4.16
5150.000	30.10	PK	V	32.83	62.93	74.00	11.07
5150.000	17.33	AV	V	32.83	50.16	54.00	3.84
10540.000	35.78	PK	H	14.66	50.44	68.20	17.76
10540.000	42.64	PK	V	14.66	57.30	68.20	10.90
15810.000	35.11	PK	H	18.98	54.09	74.00	19.91
15810.000	23.02	AV	H	18.98	42.00	54.00	12.00
15810.000	35.77	PK	V	18.98	54.75	74.00	19.25
15810.000	23.48	AV	V	18.98	42.46	54.00	11.54
High Channel: 5310 MHz							
5350.000	33.41	PK	H	32.70	66.11	74.00	7.89
5350.000	18.01	AV	H	32.70	50.71	54.00	3.29
5350.000	37.32	PK	V	32.70	70.02	74.00	3.98
5350.000	18.63	AV	V	32.70	51.33	54.00	2.67
10620.000	41.87	PK	H	15.09	56.96	74.00	17.04
10620.000	29.65	AV	H	15.09	44.74	54.00	9.26
10620.000	46.37	PK	V	15.09	61.46	74.00	12.54
10620.000	34.69	AV	V	15.09	49.78	54.00	4.22
15930.000	36.77	PK	H	19.28	56.05	74.00	17.95
15930.000	24.10	AV	H	19.28	43.38	54.00	10.62
15930.000	36.58	PK	V	19.28	55.86	74.00	18.14
15930.000	24.20	AV	V	19.28	43.48	54.00	10.52

802.11ax he80(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5290 MHz							
5150.000	30.42	PK	H	32.83	63.25	74.00	10.75
5150.000	17.58	AV	H	32.83	50.41	54.00	3.59
5150.000	31.13	PK	V	32.83	63.96	74.00	10.04
5150.000	17.86	AV	V	32.83	50.69	54.00	3.31
5350.000	37.68	PK	H	32.70	70.38	74.00	3.62
5350.000	18.57	AV	H	32.70	51.27	54.00	2.73
5350.000	38.10	PK	V	32.70	70.80	74.00	3.20
5350.000	18.87	AV	V	32.70	51.57	54.00	2.43
10580.000	40.35	PK	H	14.94	55.29	68.20	12.91
10580.000	40.79	PK	V	14.94	55.73	68.20	12.47
15870.000	35.67	PK	H	19.21	54.88	74.00	19.12
15870.000	22.49	AV	H	19.21	41.70	54.00	12.30
15870.000	35.85	PK	V	19.21	55.06	74.00	18.94
15870.000	22.70	AV	V	19.21	41.91	54.00	12.09

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5290 MHz							
5150.000	29.67	PK	H	32.83	62.50	74.00	11.50
5150.000	16.75	AV	H	32.83	49.58	54.00	4.42
5150.000	29.98	PK	V	32.83	62.81	74.00	11.19
5150.000	17.06	AV	V	32.83	49.89	54.00	4.11
5350.000	29.46	PK	H	32.70	62.16	74.00	11.84
5350.000	16.88	AV	H	32.70	49.58	54.00	4.42
5350.000	34.83	PK	V	32.70	67.53	74.00	6.47
5350.000	19.91	AV	V	32.70	52.61	54.00	1.39
10580.000	35.66	PK	H	14.94	50.60	68.20	17.60
10580.000	40.84	PK	V	14.94	55.78	68.20	12.42
15870.000	34.63	PK	H	19.21	53.84	74.00	20.16
15870.000	21.40	AV	H	19.21	40.61	54.00	13.39
15870.000	35.21	PK	V	19.21	54.42	74.00	19.58
15870.000	22.16	AV	V	19.21	41.37	54.00	12.63

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5290 MHz							
5150.000	30.66	PK	H	32.83	63.49	74.00	10.51
5150.000	17.32	AV	H	32.83	50.15	54.00	3.85
5150.000	31.20	PK	V	32.83	64.03	74.00	9.97
5150.000	17.85	AV	V	32.83	50.68	54.00	3.32
5350.000	33.41	PK	H	32.70	66.11	74.00	7.89
5350.000	18.02	AV	H	32.70	50.72	54.00	3.28
5350.000	36.64	PK	V	32.70	69.34	74.00	4.66
5350.000	19.15	AV	V	32.70	51.85	54.00	2.15
10580.000	35.47	PK	H	14.94	50.41	68.20	17.79
10580.000	42.03	PK	V	14.94	56.97	68.20	11.23
15870.000	34.10	PK	H	19.21	53.31	74.00	20.69
15870.000	22.05	AV	H	19.21	41.26	54.00	12.74
15870.000	34.70	PK	V	19.21	53.91	74.00	20.09
15870.000	22.53	AV	V	19.21	41.74	54.00	12.26

Note:
Result = Reading + Factor- Distance extrapolation Factor
For 1-40GHz:
Distance extrapolation Factor =20 log (specific distance [3m]/test distance [1.5m]) dB= 6.02 dB

5725-5850MHz:

802.11a(Chain 0):

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5745MHz							
11490.000	35.78	PK	H	15.47	51.25	74.00	22.75
11490.000	22.68	AV	H	15.47	38.15	54.00	15.85
11490.000	36.47	PK	V	15.47	51.94	74.00	22.06
11490.000	23.21	AV	V	15.47	38.68	54.00	15.32
17235.000	35.47	PK	H	22.69	58.16	68.20	10.04
17235.000	36.15	PK	V	22.69	58.84	68.20	9.36
Middle Channel: 5785 MHz							
11570.000	35.67	PK	H	15.69	51.36	74.00	22.64
11570.000	22.49	AV	H	15.69	38.18	54.00	15.82
11570.000	36.37	PK	V	15.69	52.06	74.00	21.94
11570.000	23.11	AV	V	15.69	38.80	54.00	15.20
17355.000	35.13	PK	H	23.33	58.46	68.20	9.74
17355.000	34.26	PK	V	23.33	57.59	68.20	10.61
High Channel: 5825 MHz							
11650.000	35.46	PK	H	16.02	51.48	74.00	22.52
11650.000	22.39	AV	H	16.02	38.41	54.00	15.59
11650.000	35.94	PK	V	16.02	51.96	74.00	22.04
11650.000	23.32	AV	V	16.02	39.34	54.00	14.66
17475.000	35.23	PK	H	23.87	59.10	68.20	9.10
17475.000	35.48	PK	V	23.87	59.35	68.20	8.85

802.11a(Chain 1):

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5745MHz							
11490.000	36.44	PK	H	15.47	51.91	74.00	22.09
11490.000	24.23	AV	H	15.47	39.70	54.00	14.30
11490.000	41.23	PK	V	15.47	56.70	74.00	17.30
11490.000	29.55	AV	V	15.47	45.02	54.00	8.98
17235.000	36.78	PK	H	22.69	59.47	68.20	8.73
17235.000	37.69	PK	V	22.69	60.38	68.20	7.82
Middle Channel: 5785 MHz							
11570.000	36.41	PK	H	15.69	52.10	74.00	21.90
11570.000	24.32	AV	H	15.69	40.01	54.00	13.99
11570.000	41.34	PK	V	15.69	57.03	74.00	16.97
11570.000	29.34	AV	V	15.69	45.03	54.00	8.97
17355.000	35.47	PK	H	23.33	58.80	68.20	9.40
17355.000	38.14	PK	V	23.33	61.47	68.20	6.73
High Channel: 5825 MHz							
11650.000	36.10	PK	H	16.02	52.12	74.00	21.88
11650.000	24.11	AV	H	16.02	40.13	54.00	13.87
11650.000	42.01	PK	V	16.02	58.03	74.00	15.97
11650.000	30.30	AV	V	16.02	46.32	54.00	7.68
17475.000	36.01	PK	H	23.87	59.88	68.20	8.32
17475.000	36.89	PK	V	23.87	60.76	68.20	7.44

802.11a(Chain 2):

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5745MHz							
11490.000	40.85	PK	H	15.47	56.32	74.00	17.68
11490.000	27.21	AV	H	15.47	42.68	54.00	11.32
11490.000	50.02	PK	V	15.47	65.49	74.00	8.51
11490.000	35.87	AV	V	15.47	51.34	54.00	2.66
17235.000	34.25	PK	H	22.69	56.94	68.20	11.26
17235.000	35.24	PK	V	22.69	57.93	68.20	10.27
Middle Channel: 5785 MHz							
11570.000	41.05	PK	H	15.69	56.74	74.00	17.26
11570.000	28.23	AV	H	15.69	43.92	54.00	10.08
11570.000	50.41	PK	V	15.69	66.10	74.00	7.90
11570.000	36.21	AV	V	15.69	51.90	54.00	2.10
17355.000	33.64	PK	H	23.33	56.97	68.20	11.23
17355.000	34.20	PK	V	23.33	57.53	68.20	10.67
High Channel: 5825 MHz							
11650.000	40.18	PK	H	16.02	56.20	74.00	17.80
11650.000	27.23	AV	H	16.02	43.25	54.00	10.75
11650.000	49.57	PK	V	16.02	65.59	74.00	8.41
11650.000	35.22	AV	V	16.02	51.24	54.00	2.76
17475.000	34.28	PK	H	23.87	58.15	68.20	10.05
17475.000	34.36	PK	V	23.87	58.23	68.20	9.97

802.11n ht20(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5745MHz							
11490.000	36.05	PK	H	15.47	51.52	74.00	22.48
11490.000	23.52	AV	H	15.47	38.99	54.00	15.01
11490.000	36.45	PK	V	15.47	51.92	74.00	22.08
11490.000	23.27	AV	V	15.47	38.74	54.00	15.26
17235.000	34.03	PK	H	22.69	56.72	68.20	11.48
17235.000	34.15	PK	V	22.69	56.84	68.20	11.36
Middle Channel: 5785 MHz							
11570.000	36.25	PK	H	15.69	51.94	74.00	22.06
11570.000	23.28	AV	H	15.69	38.97	54.00	15.03
11570.000	36.47	PK	V	15.69	52.16	74.00	21.84
11570.000	23.38	AV	V	15.69	39.07	54.00	14.93
17355.000	34.23	PK	H	23.33	57.56	68.20	10.64
17355.000	34.26	PK	V	23.33	57.59	68.20	10.61
High Channel: 5825 MHz							
11650.000	36.35	PK	H	16.02	52.37	74.00	21.63
11650.000	23.29	AV	H	16.02	39.31	54.00	14.69
11650.000	36.42	PK	V	16.02	52.44	74.00	21.56
11650.000	23.20	AV	V	16.02	39.22	54.00	14.78
17475.000	34.32	PK	H	23.87	58.19	68.20	10.01
17475.000	34.36	PK	V	23.87	58.23	68.20	9.97

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5745MHz							
11490.000	41.28	PK	H	15.47	56.75	74.00	17.25
11490.000	28.39	AV	H	15.47	43.86	54.00	10.14
11490.000	50.38	PK	V	15.47	65.85	74.00	8.15
11490.000	36.24	AV	V	15.47	51.71	54.00	2.29
17235.000	33.68	PK	H	22.69	56.37	68.20	11.83
17235.000	33.87	PK	V	22.69	56.56	68.20	11.64
Middle Channel: 5785 MHz							
11570.000	40.61	PK	H	15.69	56.30	74.00	17.70
11570.000	27.46	AV	H	15.69	43.15	54.00	10.85
11570.000	49.20	PK	V	15.69	64.89	74.00	9.11
11570.000	35.08	AV	V	15.69	50.77	54.00	3.23
17355.000	33.58	PK	H	23.33	56.91	68.20	11.29
17355.000	33.94	PK	V	23.33	57.27	68.20	10.93
High Channel: 5825 MHz							
11650.000	40.12	PK	H	16.02	56.14	74.00	17.86
11650.000	28.72	AV	H	16.02	44.74	54.00	9.26
11650.000	50.58	PK	V	16.02	66.60	74.00	7.40
11650.000	35.98	AV	V	16.02	52.00	54.00	2.00
17475.000	33.54	PK	H	23.87	57.41	68.20	10.79
17475.000	34.02	PK	V	23.87	57.89	68.20	10.31

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5745MHz							
11490.000	39.12	PK	H	15.47	54.59	74.00	19.41
11490.000	27.34	AV	H	15.47	42.81	54.00	11.19
11490.000	43.85	PK	V	15.47	59.32	74.00	14.68
11490.000	31.46	AV	V	15.47	46.93	54.00	7.07
17235.000	35.81	PK	H	22.69	58.50	68.20	9.70
17235.000	36.78	PK	V	22.69	59.47	68.20	8.73
Middle Channel: 5785 MHz							
11570.000	36.57	PK	H	15.69	52.26	74.00	21.74
11570.000	24.36	AV	H	15.69	40.05	54.00	13.95
11570.000	43.58	PK	V	15.69	59.27	74.00	14.73
11570.000	31.20	AV	V	15.69	46.89	54.00	7.11
17355.000	37.10	PK	H	23.33	60.43	68.20	7.77
17355.000	39.41	PK	V	23.33	62.74	68.20	5.46
High Channel: 5825 MHz							
11650.000	40.35	PK	H	16.02	56.37	74.00	17.63
11650.000	28.32	AV	H	16.02	44.34	54.00	9.66
11650.000	44.32	PK	V	16.02	60.34	74.00	13.66
11650.000	31.58	AV	V	16.02	47.60	54.00	6.40
17475.000	36.01	PK	H	23.87	59.88	68.20	8.32
17475.000	36.12	PK	V	23.87	59.99	68.20	8.21

802.11n ht40(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5755 MHz							
11510.000	34.67	PK	H	15.46	50.13	74.00	23.87
11510.000	21.38	AV	H	15.46	36.84	54.00	17.16
11510.000	34.59	PK	V	15.46	50.05	74.00	23.95
11510.000	21.73	AV	V	15.46	37.19	54.00	16.81
17265.000	33.21	PK	H	22.77	55.98	68.20	12.22
17265.000	33.39	PK	V	22.77	56.16	68.20	12.04
High Channel: 5795 MHz							
11590.000	34.69	PK	H	15.76	50.45	74.00	23.55
11590.000	21.37	AV	H	15.76	37.13	54.00	16.87
11590.000	34.52	PK	V	15.76	50.28	74.00	23.72
11590.000	21.38	AV	V	15.76	37.14	54.00	16.86
17385.000	33.09	PK	H	23.57	56.66	68.20	11.54
17385.000	33.46	PK	V	23.57	57.03	68.20	11.17

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5755 MHz							
11510.000	40.25	PK	H	15.46	55.71	74.00	18.29
11510.000	27.69	AV	H	15.46	43.15	54.00	10.85
11510.000	49.36	PK	V	15.46	64.82	74.00	9.18
11510.000	35.89	AV	V	15.46	51.35	54.00	2.65
17265.000	33.40	PK	H	22.77	56.17	68.20	12.03
17265.000	33.85	PK	V	22.77	56.62	68.20	11.58
High Channel: 5795 MHz							
11590.000	41.58	PK	H	15.76	57.34	74.00	16.66
11590.000	28.17	AV	H	15.76	43.93	54.00	10.07
11590.000	50.32	PK	V	15.76	66.08	74.00	7.92
11590.000	36.47	AV	V	15.76	52.23	54.00	1.77
17385.000	33.20	PK	H	23.57	56.77	68.20	11.43
17385.000	33.25	PK	V	23.57	56.82	68.20	11.38

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5755 MHz							
11510.000	35.78	PK	H	15.46	51.24	74.00	22.76
11510.000	23.69	AV	H	15.46	39.15	54.00	14.85
11510.000	41.82	PK	V	15.46	57.28	74.00	16.72
11510.000	29.67	AV	V	15.46	45.13	54.00	8.87
17265.000	35.14	PK	H	22.77	57.91	68.20	10.29
17265.000	35.77	PK	V	22.77	58.54	68.20	9.66
High Channel: 5795 MHz							
11590.000	36.12	PK	H	15.76	51.88	74.00	22.12
11590.000	24.22	AV	H	15.76	39.98	54.00	14.02
11590.000	42.90	PK	V	15.76	58.66	74.00	15.34
11590.000	30.32	AV	V	15.76	46.08	54.00	7.92
17385.000	35.78	PK	H	23.57	59.35	68.20	8.85
17385.000	36.49	PK	V	23.57	60.06	68.20	8.14

802.11ac vht20(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5745MHz							
11490.000	39.35	PK	H	15.47	54.82	74.00	19.18
11490.000	26.54	AV	H	15.47	42.01	54.00	11.99
11490.000	40.31	PK	V	15.47	55.78	74.00	18.22
11490.000	27.45	AV	V	15.47	42.92	54.00	11.08
17235.000	35.76	PK	H	22.69	58.45	68.20	9.75
17235.000	36.48	PK	V	22.69	59.17	68.20	9.03
Middle Channel: 5785 MHz							
11570.000	39.54	PK	H	15.69	55.23	74.00	18.77
11570.000	26.50	AV	H	15.69	42.19	54.00	11.81
11570.000	40.13	PK	V	15.69	55.82	74.00	18.18
11570.000	27.34	AV	V	15.69	43.03	54.00	10.97
17355.000	35.47	PK	H	23.33	58.80	68.20	9.40
17355.000	35.93	PK	V	23.33	59.26	68.20	8.94
High Channel: 5825 MHz							
11650.000	40.53	PK	H	16.02	56.55	74.00	17.45
11650.000	27.54	AV	H	16.02	43.56	54.00	10.44
11650.000	41.75	PK	V	16.02	57.77	74.00	16.23
11650.000	28.47	AV	V	16.02	44.49	54.00	9.51
17475.000	37.21	PK	H	23.87	61.08	68.20	7.12
17475.000	37.89	PK	V	23.87	61.76	68.20	6.44

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5745MHz							
11490.000	41.67	PK	H	15.47	57.14	74.00	16.86
11490.000	28.30	AV	H	15.47	43.77	54.00	10.23
11490.000	50.42	PK	V	15.47	65.89	74.00	8.11
11490.000	36.24	AV	V	15.47	51.71	54.00	2.29
17235.000	34.05	PK	H	22.69	56.74	68.20	11.46
17235.000	34.38	PK	V	22.69	57.07	68.20	11.13
Middle Channel: 5785 MHz							
11570.000	40.50	PK	H	15.69	56.19	74.00	17.81
11570.000	27.52	AV	H	15.69	43.21	54.00	10.79
11570.000	49.31	PK	V	15.69	65.00	74.00	9.00
11570.000	35.22	AV	V	15.69	50.91	54.00	3.09
17355.000	33.20	PK	H	23.33	56.53	68.20	11.67
17355.000	33.56	PK	V	23.33	56.89	68.20	11.31
High Channel: 5825 MHz							
11650.000	40.58	PK	H	16.02	56.60	74.00	17.40
11650.000	27.14	AV	H	16.02	43.16	54.00	10.84
11650.000	49.60	PK	V	16.02	65.62	74.00	8.38
11650.000	35.20	AV	V	16.02	51.22	54.00	2.78
17475.000	33.20	PK	H	23.87	57.07	68.20	11.13
17475.000	33.91	PK	V	23.87	57.78	68.20	10.42

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5745MHz							
11490.000	38.78	PK	H	15.47	54.25	74.00	19.75
11490.000	26.34	AV	H	15.47	41.81	54.00	12.19
11490.000	42.85	PK	V	15.47	58.32	74.00	15.68
11490.000	30.63	AV	V	15.47	46.10	54.00	7.90
17235.000	36.34	PK	H	22.69	59.03	68.20	9.17
17235.000	36.11	PK	V	22.69	58.80	68.20	9.40
Middle Channel: 5785 MHz							
11570.000	37.02	PK	H	15.69	52.71	74.00	21.29
11570.000	25.33	AV	H	15.69	41.02	54.00	12.98
11570.000	45.12	PK	V	15.69	60.81	74.00	13.19
11570.000	33.22	AV	V	15.69	48.91	54.00	5.09
17355.000	35.47	PK	H	23.33	58.80	68.20	9.40
17355.000	37.12	PK	V	23.33	60.45	68.20	7.75
High Channel: 5825 MHz							
11650.000	37.92	PK	H	16.02	53.94	74.00	20.06
11650.000	25.33	AV	H	16.02	41.35	54.00	12.65
11650.000	46.38	PK	V	16.02	62.40	74.00	11.60
11650.000	34.12	AV	V	16.02	50.14	54.00	3.86
17475.000	35.74	PK	H	23.87	59.61	68.20	8.59
17475.000	36.01	PK	V	23.87	59.88	68.20	8.32

802.11ac vht40(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5755 MHz							
11510.000	36.57	PK	H	15.46	52.03	74.00	21.97
11510.000	23.34	AV	H	15.46	38.80	54.00	15.20
11510.000	36.75	PK	V	15.46	52.21	74.00	21.79
11510.000	23.59	AV	V	15.46	39.05	54.00	14.95
17265.000	31.83	PK	H	22.77	54.60	68.20	13.60
17265.000	32.15	PK	V	22.77	54.92	68.20	13.28
High Channel: 5795 MHz							
11590.000	36.17	PK	H	15.76	51.93	74.00	22.07
11590.000	23.08	AV	H	15.76	38.84	54.00	15.16
11590.000	36.65	PK	V	15.76	52.41	74.00	21.59
11590.000	23.31	AV	V	15.76	39.07	54.00	14.93
17385.000	31.42	PK	H	23.57	54.99	68.20	13.21
17385.000	31.87	PK	V	23.57	55.44	68.20	12.76

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5755 MHz							
11510.000	39.51	PK	H	15.46	54.97	74.00	19.03
11510.000	25.41	AV	H	15.46	40.87	54.00	13.13
11510.000	48.66	PK	V	15.46	64.12	74.00	9.88
11510.000	34.28	AV	V	15.46	49.74	54.00	4.26
17265.000	33.28	PK	H	22.77	56.05	68.20	12.15
17265.000	33.46	PK	V	22.77	56.23	68.20	11.97
High Channel: 5795 MHz							
11590.000	41.25	PK	H	15.76	57.01	74.00	16.99
11590.000	28.36	AV	H	15.76	44.12	54.00	9.88
11590.000	50.10	PK	V	15.76	65.86	74.00	8.14
11590.000	36.23	AV	V	15.76	51.99	54.00	2.01
17385.000	34.10	PK	H	23.57	57.67	68.20	10.53
17385.000	34.61	PK	V	23.57	58.18	68.20	10.02

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5755 MHz							
11510.000	36.69	PK	H	15.46	52.15	74.00	21.85
11510.000	24.58	AV	H	15.46	40.04	54.00	13.96
11510.000	42.37	PK	V	15.46	57.83	74.00	16.17
11510.000	30.33	AV	V	15.46	45.79	54.00	8.21
17265.000	36.01	PK	H	22.77	58.78	68.20	9.42
17265.000	35.78	PK	V	22.77	58.55	68.20	9.65
High Channel: 5795 MHz							
11590.000	37.10	PK	H	15.76	52.86	74.00	21.14
11590.000	25.20	AV	H	15.76	40.96	54.00	13.04
11590.000	43.55	PK	V	15.76	59.31	74.00	14.69
11590.000	31.47	AV	V	15.76	47.23	54.00	6.77
17385.000	36.20	PK	H	23.57	59.77	68.20	8.43
17385.000	37.58	PK	V	23.57	61.15	68.20	7.05

802.11ac vht80(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5775 MHz							
11550.000	31.45	PK	H	15.61	47.06	74.00	26.94
11550.000	18.67	AV	H	15.61	34.28	54.00	19.72
11550.000	31.62	PK	V	15.61	47.23	74.00	26.77
11550.000	18.49	AV	V	15.61	34.10	54.00	19.90
17325.000	32.54	PK	H	23.09	55.63	68.20	12.57
17325.000	32.67	PK	V	23.09	55.76	68.20	12.44

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5775 MHz							
11550.000	38.21	PK	H	15.61	53.82	74.00	20.18
11550.000	24.87	AV	H	15.61	40.48	54.00	13.52
11550.000	45.96	PK	V	15.61	61.57	74.00	12.43
11550.000	31.52	AV	V	15.61	47.13	54.00	6.87
17325.000	33.12	PK	H	23.09	56.21	68.20	11.99
17325.000	33.93	PK	V	23.09	57.02	68.20	11.18

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5775 MHz							
11550.000	33.69	PK	H	15.61	49.30	74.00	24.70
11550.000	21.47	AV	H	15.61	37.08	54.00	16.92
11550.000	34.25	PK	V	15.61	49.86	74.00	24.14
11550.000	22.31	AV	V	15.61	37.92	54.00	16.08
17325.000	34.10	PK	H	23.09	57.19	68.20	11.01
17325.000	33.99	PK	V	23.09	57.08	68.20	11.12

802.11ax he20(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5745MHz							
11490.000	36.78	PK	H	15.47	52.25	74.00	21.75
11490.000	23.89	AV	H	15.47	39.36	54.00	14.64
11490.000	37.52	PK	V	15.47	52.99	74.00	21.01
11490.000	24.69	AV	V	15.47	40.16	54.00	13.84
17235.000	35.23	PK	H	22.69	57.92	68.20	10.28
17235.000	35.60	PK	V	22.69	58.29	68.20	9.91
Middle Channel: 5785 MHz							
11570.000	36.10	PK	H	15.69	51.79	74.00	22.21
11570.000	23.18	AV	H	15.69	38.87	54.00	15.13
11570.000	36.95	PK	V	15.69	52.64	74.00	21.36
11570.000	24.06	AV	V	15.69	39.75	54.00	14.25
17355.000	38.02	PK	H	23.33	61.35	68.20	6.85
17355.000	38.70	PK	V	23.33	62.03	68.20	6.17
High Channel: 5825 MHz							
11650.000	39.28	PK	H	16.02	55.30	74.00	18.70
11650.000	26.31	AV	H	16.02	42.33	54.00	11.67
11650.000	39.53	PK	V	16.02	55.55	74.00	18.45
11650.000	26.58	AV	V	16.02	42.60	54.00	11.40
17475.000	38.17	PK	H	23.87	62.04	68.20	6.16
17475.000	39.41	PK	V	23.87	63.28	68.20	**4.92**

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5745MHz							
11490.000	39.82	PK	H	15.47	55.29	74.00	18.71
11490.000	26.44	AV	H	15.47	41.91	54.00	12.09
11490.000	49.36	PK	V	15.47	64.83	74.00	9.17
11490.000	35.47	AV	V	15.47	50.94	54.00	3.06
17235.000	33.42	PK	H	22.69	56.11	68.20	12.09
17235.000	33.80	PK	V	22.69	56.49	68.20	11.71
Middle Channel: 5785 MHz							
11570.000	40.28	PK	H	15.69	55.97	74.00	18.03
11570.000	27.55	AV	H	15.69	43.24	54.00	10.76
11570.000	49.36	PK	V	15.69	65.05	74.00	8.95
11570.000	36.21	AV	V	15.69	51.90	54.00	2.10
17355.000	33.56	PK	H	23.33	56.89	68.20	11.31
17355.000	33.84	PK	V	23.33	57.17	68.20	11.03
High Channel: 5825 MHz							
11650.000	41.21	PK	H	16.02	57.23	74.00	16.77
11650.000	28.64	AV	H	16.02	44.66	54.00	9.34
11650.000	50.23	PK	V	16.02	66.25	74.00	7.75
11650.000	36.52	AV	V	16.02	52.54	54.00	**1.46**
17475.000	33.69	PK	H	23.87	57.56	68.20	10.64
17475.000	34.08	PK	V	23.87	57.95	68.20	10.25

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5745MHz							
11490.000	35.10	PK	H	15.47	50.57	74.00	23.43
11490.000	23.25	AV	H	15.47	38.72	54.00	15.28
11490.000	36.38	PK	V	15.47	51.85	74.00	22.15
11490.000	24.12	AV	V	15.47	39.59	54.00	14.41
17235.000	34.81	PK	H	22.69	57.50	68.20	10.70
17235.000	35.21	PK	V	22.69	57.90	68.20	10.30
Middle Channel: 5785 MHz							
11570.000	35.14	PK	H	15.69	50.83	74.00	23.17
11570.000	23.55	AV	H	15.69	39.24	54.00	14.76
11570.000	34.69	PK	V	15.69	50.38	74.00	23.62
11570.000	22.10	AV	V	15.69	37.79	54.00	16.21
17355.000	33.78	PK	H	23.33	57.11	68.20	11.09
17355.000	34.12	PK	V	23.33	57.45	68.20	10.75
High Channel: 5825 MHz							
11650.000	34.78	PK	H	16.02	50.80	74.00	23.20
11650.000	22.39	AV	H	16.02	38.41	54.00	15.59
11650.000	34.67	PK	V	16.02	50.69	74.00	23.31
11650.000	22.23	AV	V	16.02	38.25	54.00	15.75
17475.000	35.01	PK	H	23.87	58.88	68.20	9.32
17475.000	34.12	PK	V	23.87	57.99	68.20	10.21

802.11ax he40(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5755 MHz							
11510.000	30.86	PK	H	15.46	46.32	74.00	27.68
11510.000	17.68	AV	H	15.46	33.14	54.00	20.86
11510.000	31.54	PK	V	15.46	47.00	74.00	27.00
11510.000	17.98	AV	V	15.46	33.44	54.00	20.56
17265.000	31.21	PK	H	22.77	53.98	68.20	14.22
17265.000	31.33	PK	V	22.77	54.10	68.20	14.10
High Channel: 5795 MHz							
11590.000	30.35	PK	H	15.76	46.11	74.00	27.89
11590.000	17.64	AV	H	15.76	33.40	54.00	20.60
11590.000	30.40	PK	V	15.76	46.16	74.00	27.84
11590.000	17.65	AV	V	15.76	33.41	54.00	20.59
17385.000	31.45	PK	H	23.57	55.02	68.20	13.18
17385.000	31.76	PK	V	23.57	55.33	68.20	12.87

Chain 0+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5755 MHz							
11510.000	40.82	PK	H	15.46	56.28	74.00	17.72
11510.000	27.60	AV	H	15.46	43.06	54.00	10.94
11510.000	49.36	PK	V	15.46	64.82	74.00	9.18
11510.000	35.25	AV	V	15.46	50.71	54.00	3.29
17265.000	33.12	PK	H	22.77	55.89	68.20	12.31
17265.000	33.45	PK	V	22.77	56.22	68.20	11.98
High Channel: 5795 MHz							
11590.000	41.25	PK	H	15.76	57.01	74.00	16.99
11590.000	28.66	AV	H	15.76	44.42	54.00	9.58
11590.000	50.32	PK	V	15.76	66.08	74.00	7.92
11590.000	36.52	AV	V	15.76	52.28	54.00	1.72
17385.000	33.68	PK	H	23.57	57.25	68.20	10.95
17385.000	34.10	PK	V	23.57	57.67	68.20	10.53

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Low Channel: 5755 MHz							
11510.000	35.78	PK	H	15.46	51.24	74.00	22.76
11510.000	23.44	AV	H	15.46	38.90	54.00	15.10
11510.000	39.68	PK	V	15.46	55.14	74.00	18.86
11510.000	27.45	AV	V	15.46	42.91	54.00	11.09
17265.000	35.12	PK	H	22.77	57.89	68.20	10.31
17265.000	35.36	PK	V	22.77	58.13	68.20	10.07
High Channel: 5795 MHz							
11590.000	36.45	PK	H	15.76	52.21	74.00	21.79
11590.000	24.55	AV	H	15.76	40.31	54.00	13.69
11590.000	40.02	PK	V	15.76	55.78	74.00	18.22
11590.000	28.78	AV	V	15.76	44.54	54.00	9.46
17385.000	34.66	PK	H	23.57	58.23	68.20	9.97
17385.000	34.89	PK	V	23.57	58.46	68.20	9.74

802.11ax he80(2TX Non-beamforming mode was the worst):
Chain 0+1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5775 MHz							
11550.000	30.35	PK	H	15.61	45.96	74.00	28.04
11550.000	17.64	AV	H	15.61	33.25	54.00	20.75
11550.000	30.76	PK	V	15.61	46.37	74.00	27.63
11550.000	17.75	AV	V	15.61	33.36	54.00	20.64
17325.000	32.15	PK	H	23.09	55.24	68.20	12.96
17325.000	32.64	PK	V	23.09	55.73	68.20	12.47

Chain 0+2:

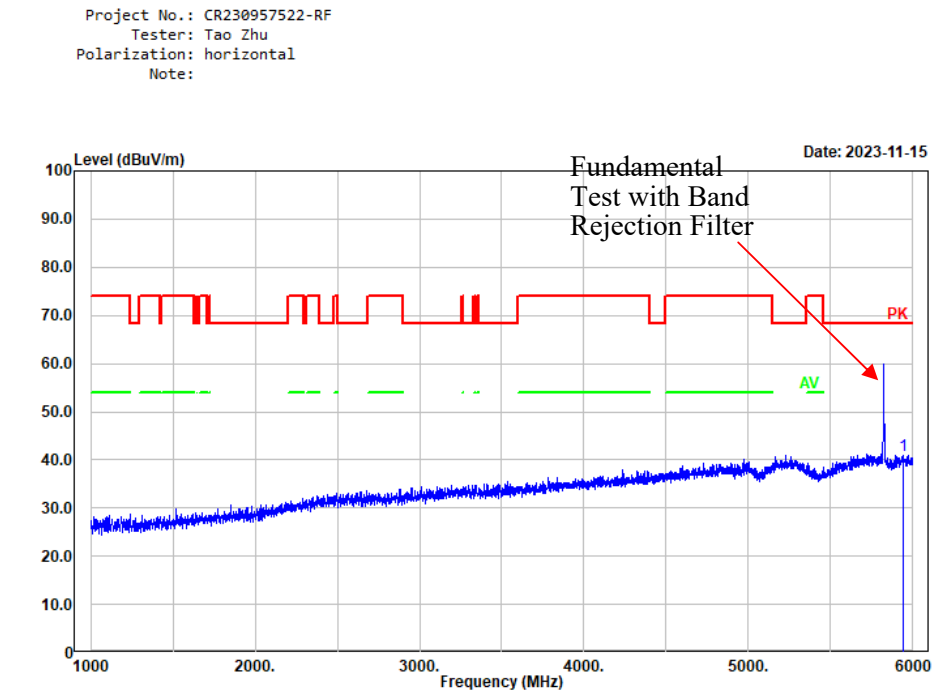
Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5775 MHz							
11550.000	38.66	PK	H	15.61	54.27	74.00	19.73
11550.000	25.63	AV	H	15.61	41.24	54.00	12.76
11550.000	44.56	PK	V	15.61	60.17	74.00	13.83
11550.000	30.25	AV	V	15.61	45.86	54.00	8.14
17325.000	33.42	PK	H	23.09	56.51	68.20	11.69
17325.000	33.54	PK	V	23.09	56.63	68.20	11.57

Chain 1+2:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector					
Middle Channel: 5775 MHz							
11550.000	39.44	PK	H	15.61	55.05	74.00	18.95
11550.000	27.69	AV	H	15.61	43.30	54.00	10.70
11550.000	47.54	PK	V	15.61	63.15	74.00	10.85
11550.000	35.58	AV	V	15.61	51.19	54.00	2.81
17325.000	34.46	PK	H	23.09	57.55	68.20	10.65
17325.000	35.45	PK	V	23.09	58.54	68.20	9.66

Note:
Result = Reading + Factor- Distance extrapolation Factor
For 1-40GHz:
Distance extrapolation Factor =20 log (specific distance [3m]/test distance [1.5m]) dB= 6.02 dB

Worst Test plots
Chain 0+Chain 2(802.11 ax he20 5825MHz)

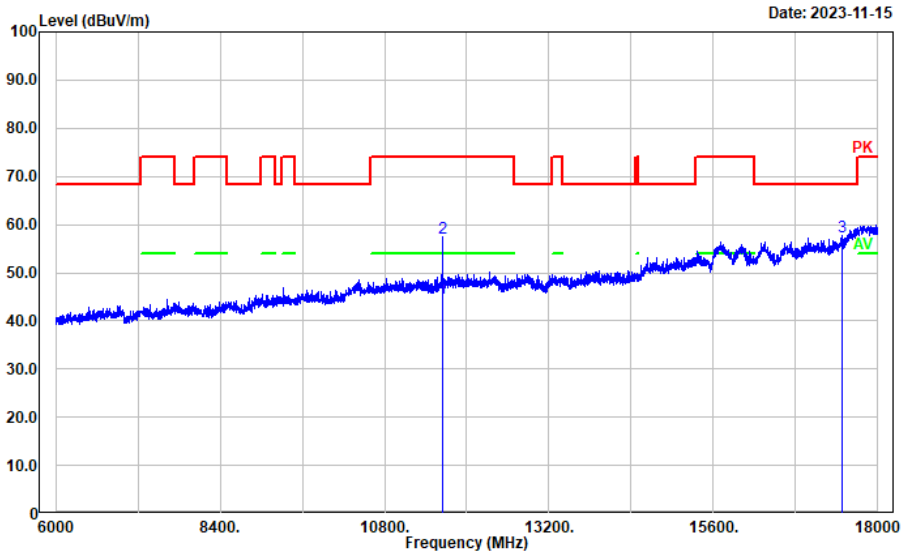
Horizontal	
1-6GHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5942.989	33.91	7.01	40.92	68.20	27.28	Peak

Horizontal

6-18GHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: horizontal
Note:

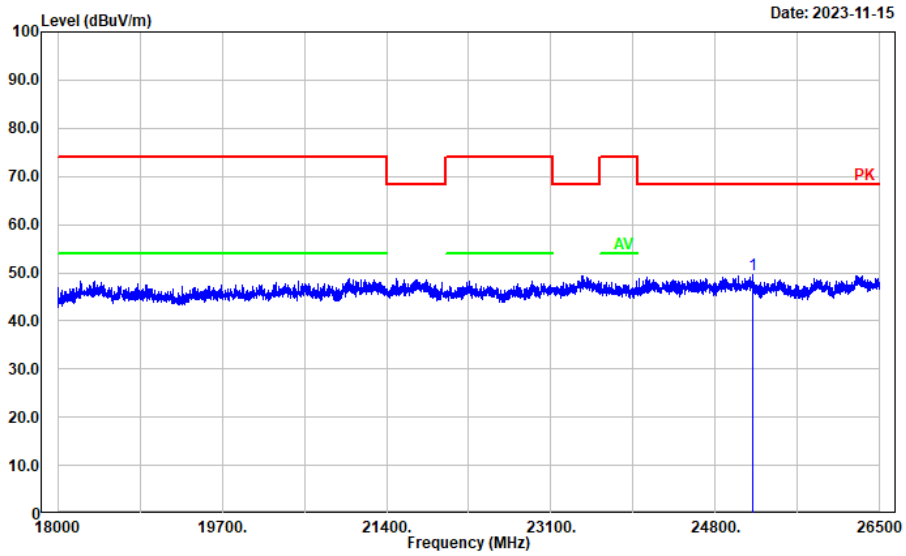


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	11650.000	28.64	16.02	44.66	54.00	9.34	Average
2	11650.000	41.21	16.02	57.23	74.00	16.77	Peak
3	17475.000	33.69	23.87	57.56	68.20	10.64	Peak

Horizontal

18-26.5GHz

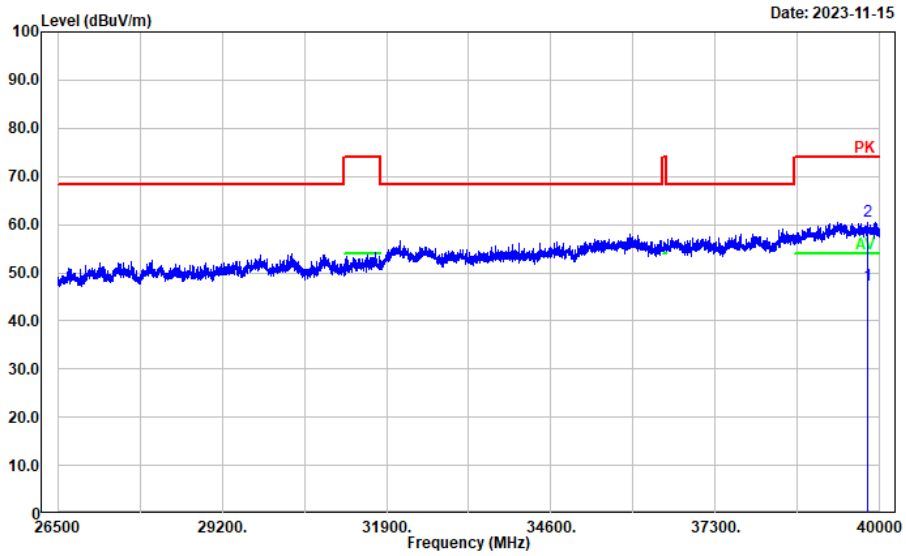
Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	25180.540	48.77	0.82	49.59	68.20	18.61	Peak

Horizontal	
26.5-40GHz	

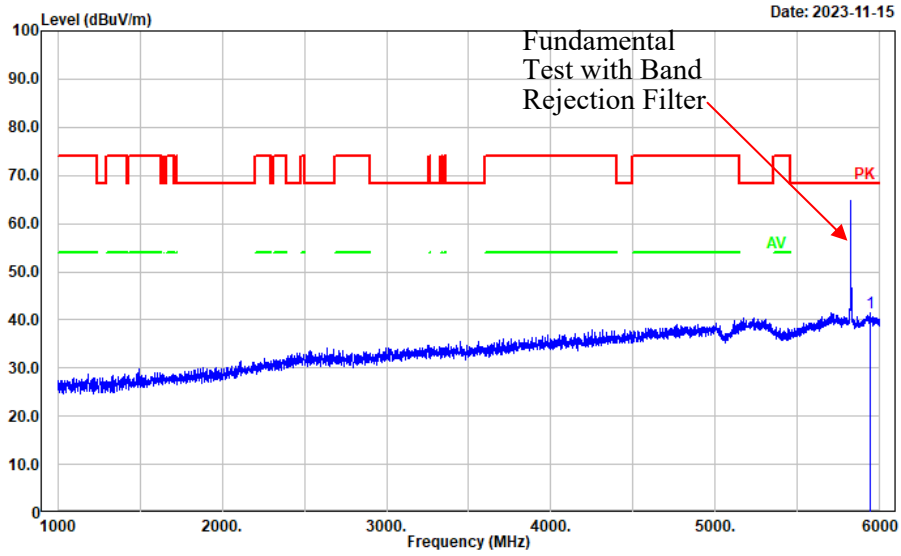
Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Horizontal
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	39794.760	38.44	8.92	47.36	54.00	6.64	Average
2	39794.760	51.65	8.92	60.57	74.00	13.43	Peak

Vertical	
1-6GHz	

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: vertical
Note:

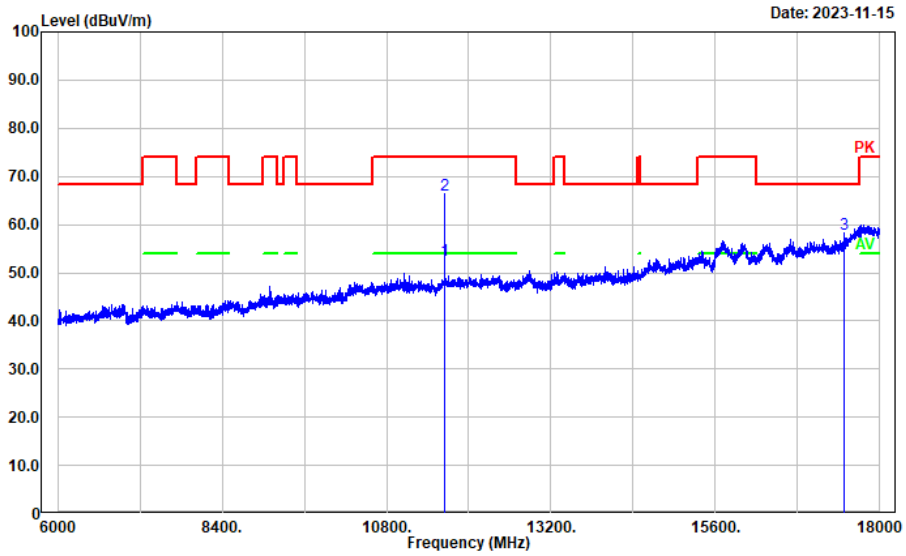


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5944.989	34.39	7.01	41.40	68.20	26.80	Peak

Vertical

6-18GHz

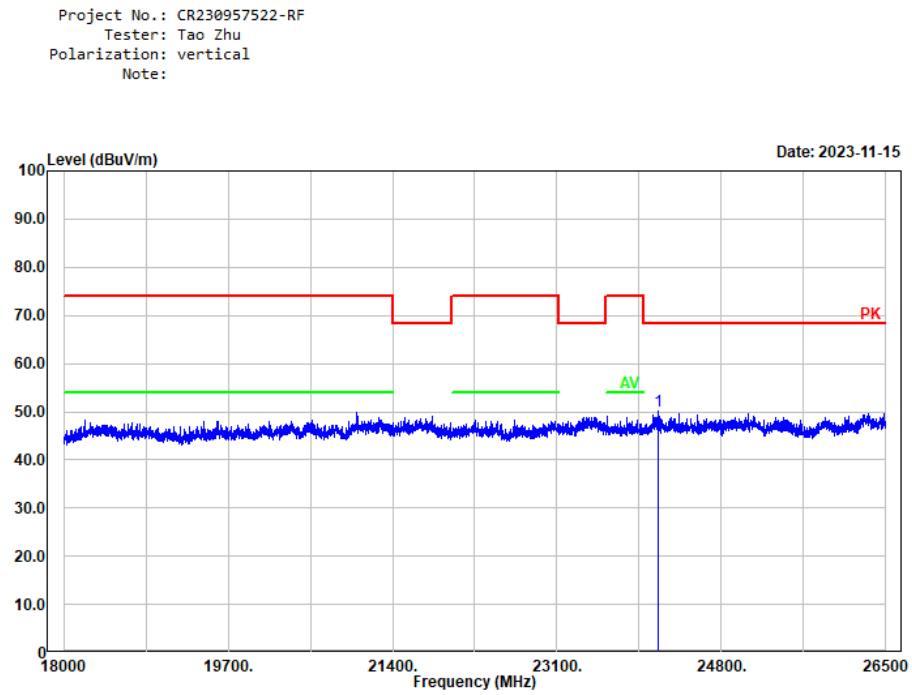
Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	11650.000	36.52	16.02	52.54	54.00	1.46	Average
2	11650.000	50.23	16.02	66.25	74.00	7.75	Peak
3	17475.000	34.08	23.87	57.95	68.20	10.25	Peak

Vertical

18-26.5GHz

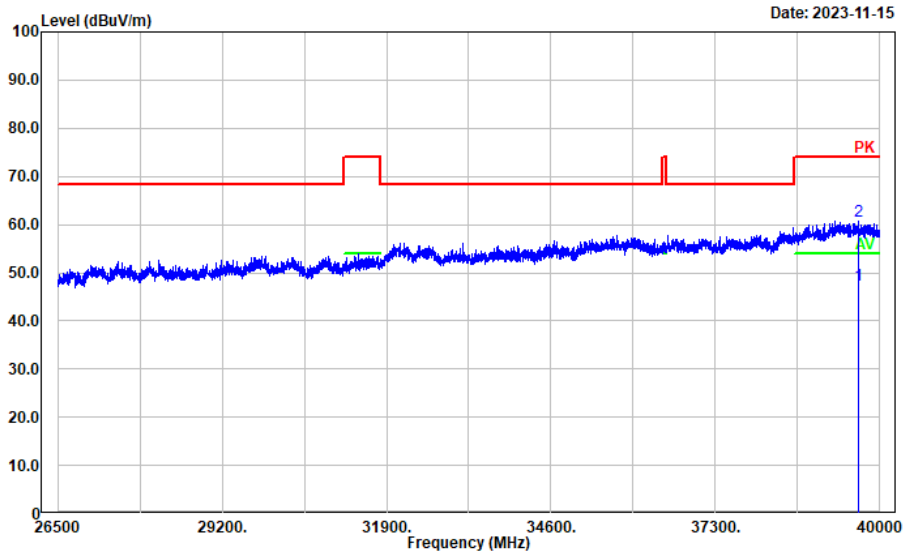


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	24143.330	51.25	-1.14	50.11	68.20	18.09	Peak

Vertical

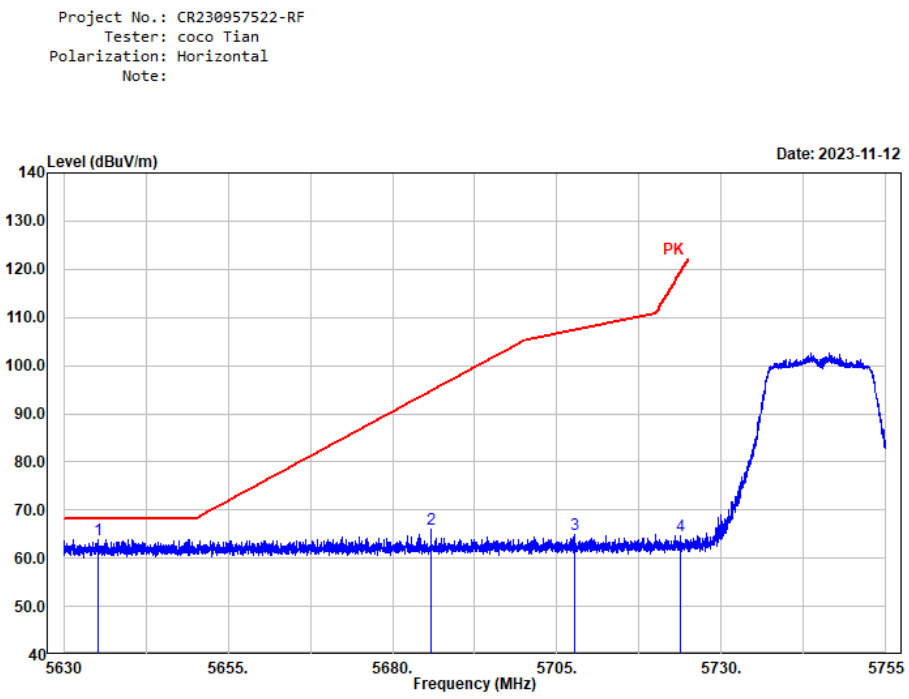
26.5-40GHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	39643.530	37.78	9.58	47.36	54.00	6.64	Average
2	39643.530	51.22	9.58	60.80	74.00	13.20	Peak

Test plots for 5.8GHz band Mask Measurements
802.11 a(Chain 0)

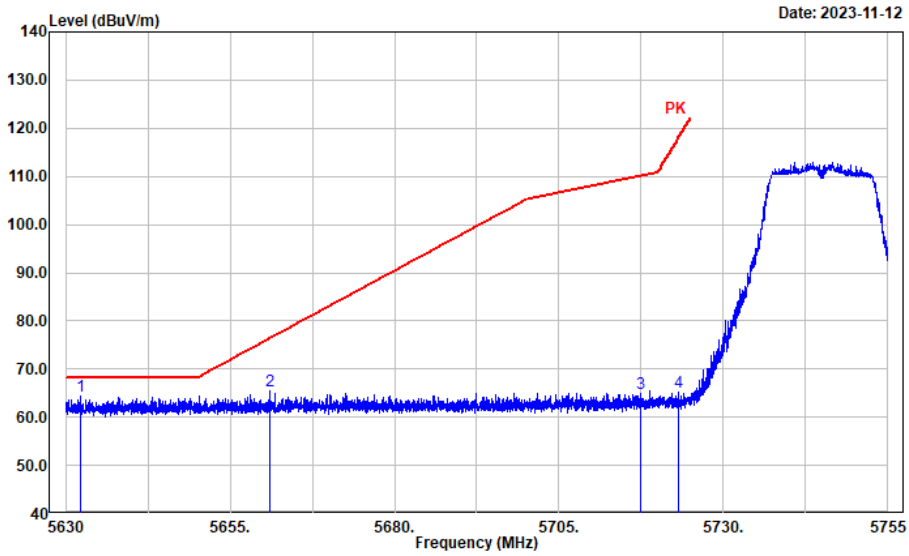
Horizontal	
5745MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5635.176	31.05	32.91	63.96	68.20	4.24	Peak
2	5685.886	33.12	33.01	66.13	94.79	28.66	Peak
3	5707.641	31.98	33.03	65.01	107.34	42.33	Peak
4	5723.844	31.74	33.03	64.77	119.56	54.79	Peak

Vertical

5745MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:

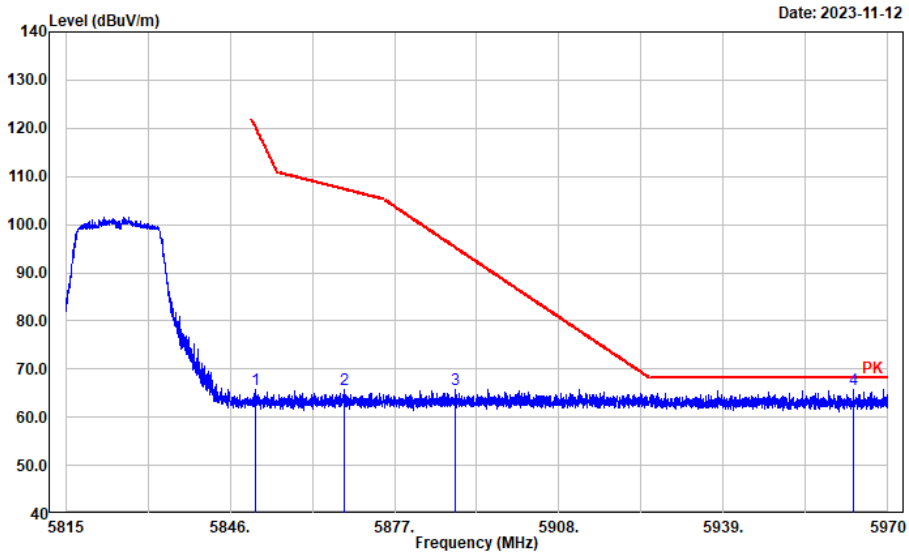


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5632.250	31.48	32.90	64.38	68.20	3.82	Peak
2	5661.081	32.43	32.97	65.40	76.43	11.03	Peak
3	5717.342	32.03	33.03	65.06	110.06	45.00	Peak
4	5723.094	32.30	33.03	65.33	117.86	52.53	Peak

Horizontal

5825MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Horizontal
Note:

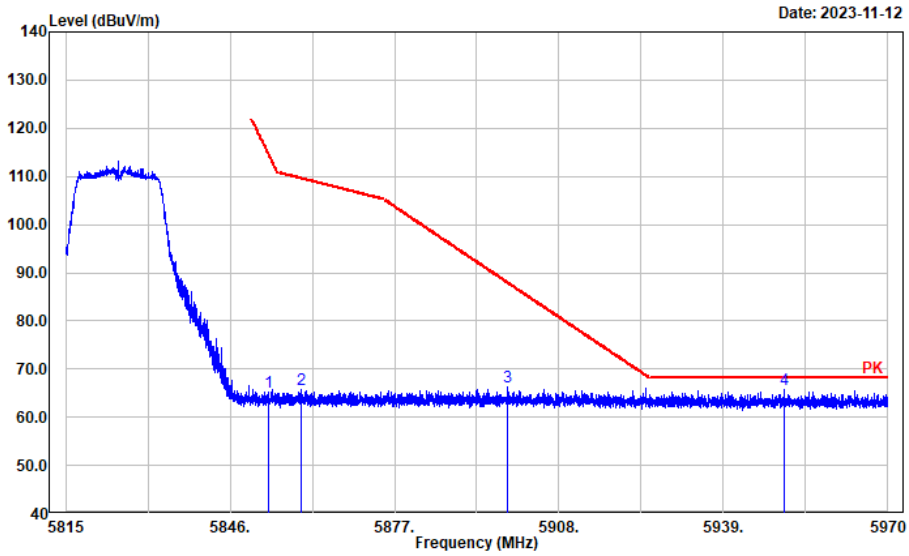


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5850.688	32.58	33.19	65.77	120.63	54.86	Peak
2	5867.494	32.53	33.29	65.82	107.30	41.48	Peak
3	5888.485	32.39	33.40	65.79	95.19	29.40	Peak
4	5963.582	32.17	33.51	65.68	68.20	2.52	Peak

Vertical

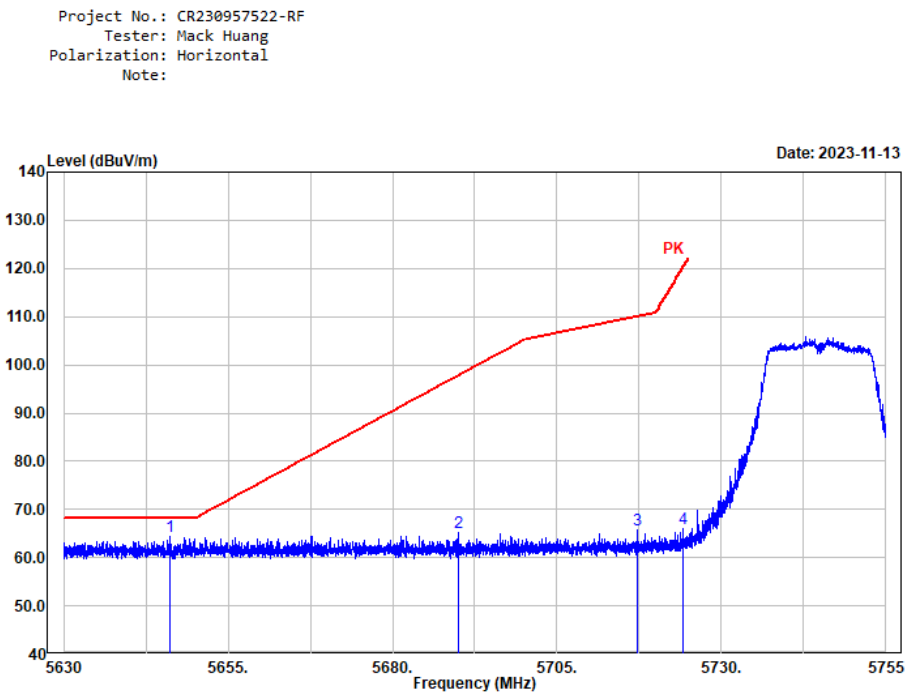
5825MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5853.262	31.96	33.21	65.17	114.76	49.59	Peak
2	5859.339	32.58	33.24	65.82	109.58	43.76	Peak
3	5898.251	32.88	33.46	66.34	87.96	21.62	Peak
4	5950.466	32.24	33.46	65.70	68.20	2.50	Peak

802.11 a(Chain 1)

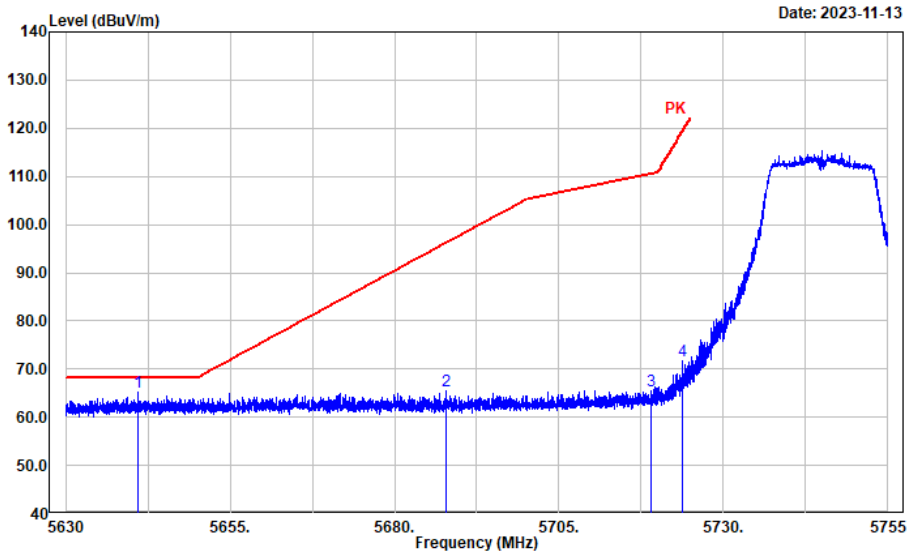
Horizontal	
5745MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5646.178	31.42	32.94	64.36	68.20	3.84	Peak
2	5690.012	32.21	33.01	65.22	97.84	32.62	Peak
3	5717.268	32.65	33.03	65.68	110.04	44.36	Peak
4	5724.119	33.11	33.03	66.14	120.19	54.05	Peak

Vertical

5745MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: vertical
Note:

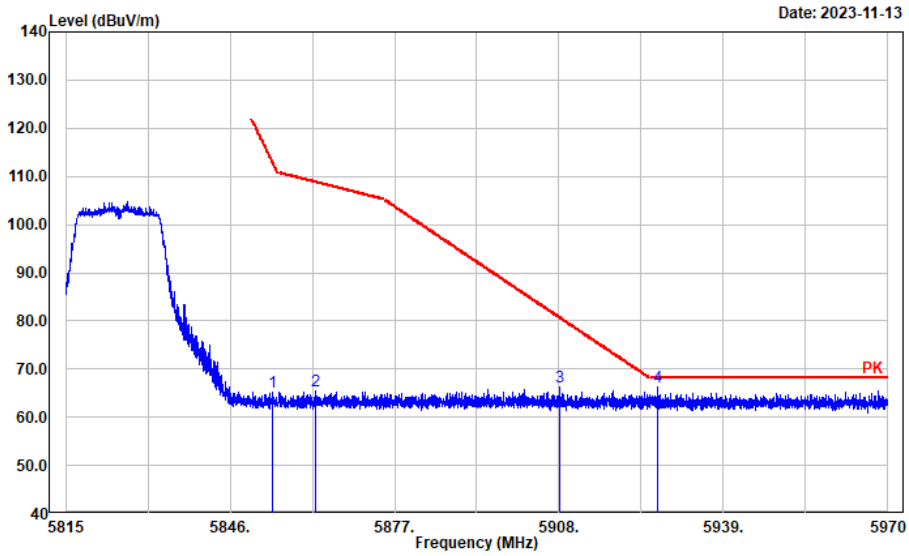


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5641.002	32.33	32.93	65.26	68.20	2.94	Peak
2	5687.762	32.49	33.01	65.50	96.17	30.67	Peak
3	5719.018	32.46	33.03	65.49	110.53	45.04	Peak
4	5723.844	38.57	33.03	71.60	119.56	47.96	Peak

Horizontal

5825MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Horizontal
Note:

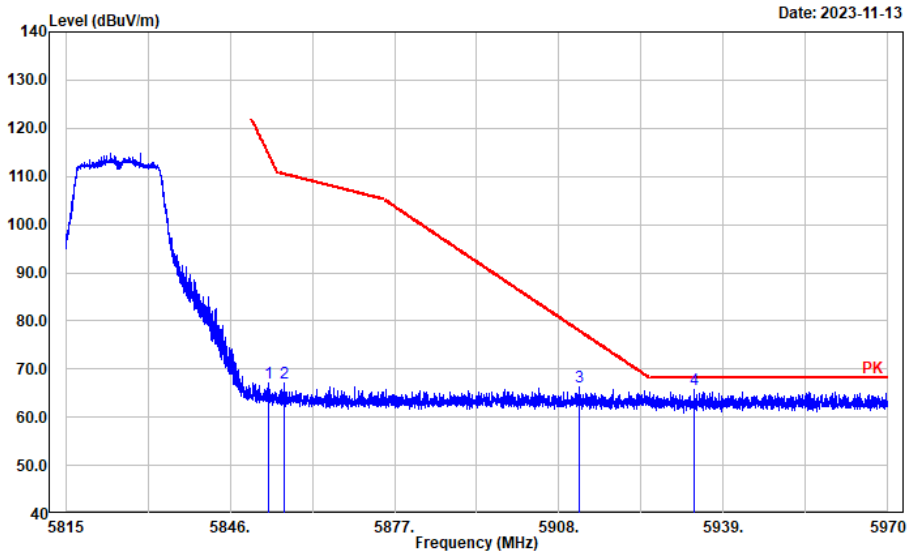


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5853.882	31.91	33.22	65.13	113.35	48.22	Peak
2	5862.191	32.25	33.26	65.51	108.78	43.27	Peak
3	5908.236	32.94	33.47	66.41	80.57	14.16	Peak
4	5926.685	32.84	33.46	66.30	68.20	1.90	Peak

Vertical

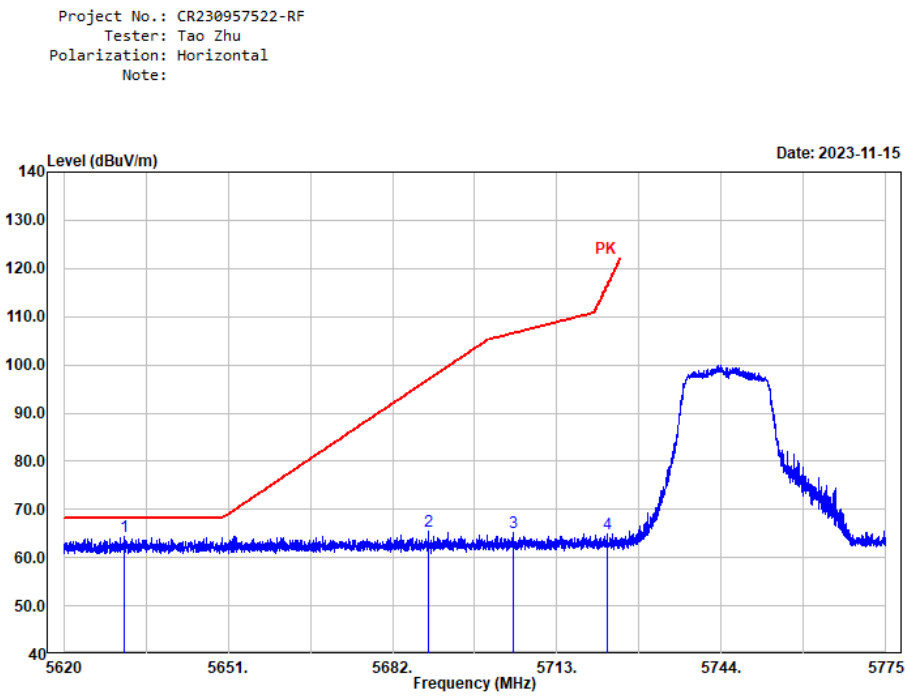
5825MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5853.138	33.91	33.21	67.12	115.04	47.92	Peak
2	5856.176	33.83	33.22	67.05	110.47	43.42	Peak
3	5911.771	32.90	33.47	66.37	77.96	11.59	Peak
4	5933.444	32.23	33.46	65.69	68.20	2.51	Peak

802.11 a(Chain 2)

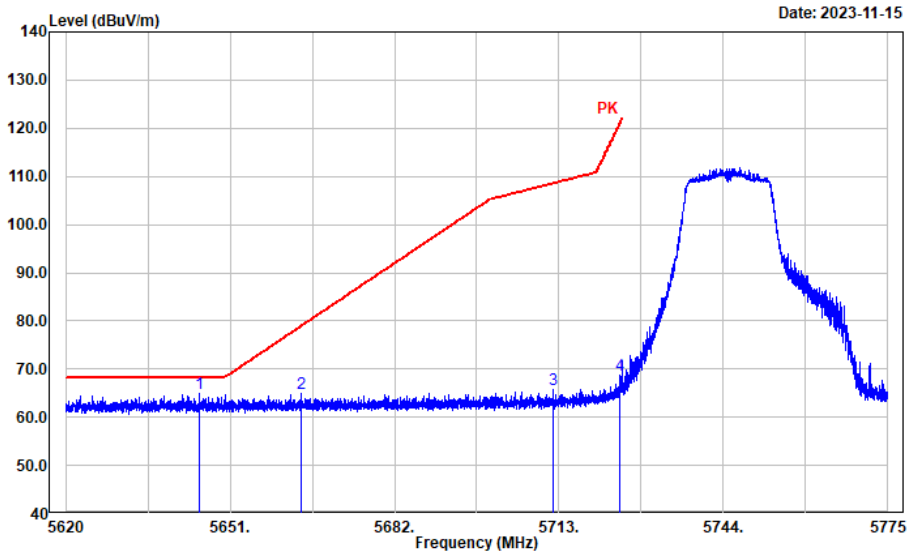
Horizontal	
5745MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5631.379	31.39	32.90	64.29	68.20	3.91	Peak
2	5688.772	32.48	33.01	65.49	96.92	31.43	Peak
3	5704.740	32.06	33.03	65.09	106.53	41.44	Peak
4	5722.444	31.96	33.03	64.99	116.37	51.38	Peak

Vertical

5745MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:

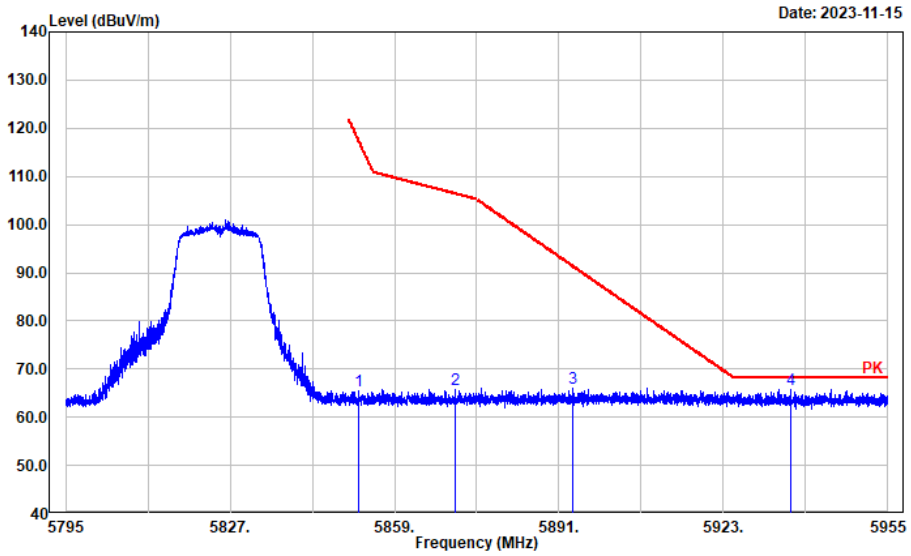


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5645.270	31.92	32.93	64.85	68.20	3.35	Peak
2	5664.432	31.92	32.97	64.89	78.91	14.02	Peak
3	5711.934	32.72	33.03	65.75	108.54	42.79	Peak
4	5724.491	35.60	33.03	68.63	121.04	52.41	Peak

Horizontal

5825MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Horizontal
Note:

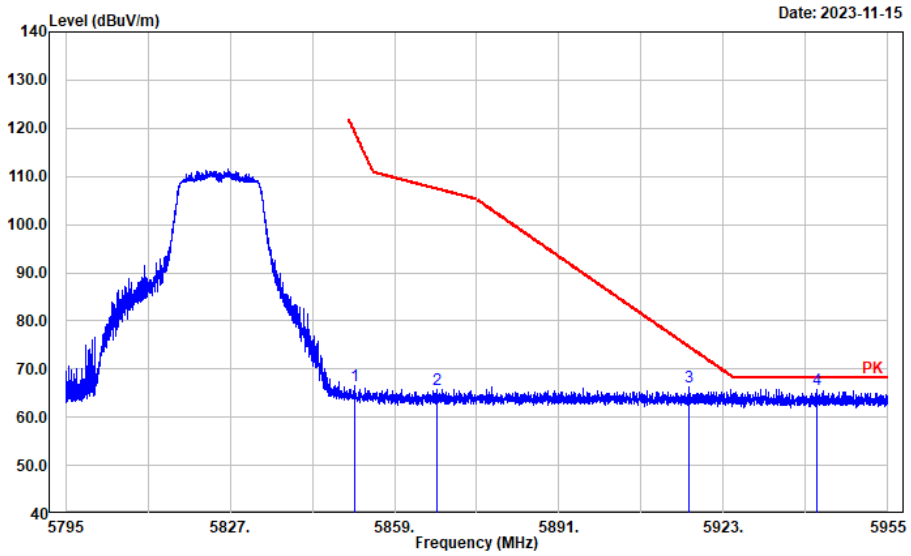


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.971	32.28	33.20	65.48	117.70	52.22	Peak
2	5870.791	32.56	33.30	65.86	106.38	40.52	Peak
3	5893.772	32.68	33.44	66.12	91.27	25.15	Peak
4	5935.988	32.39	33.47	65.86	68.20	2.34	Peak

Vertical

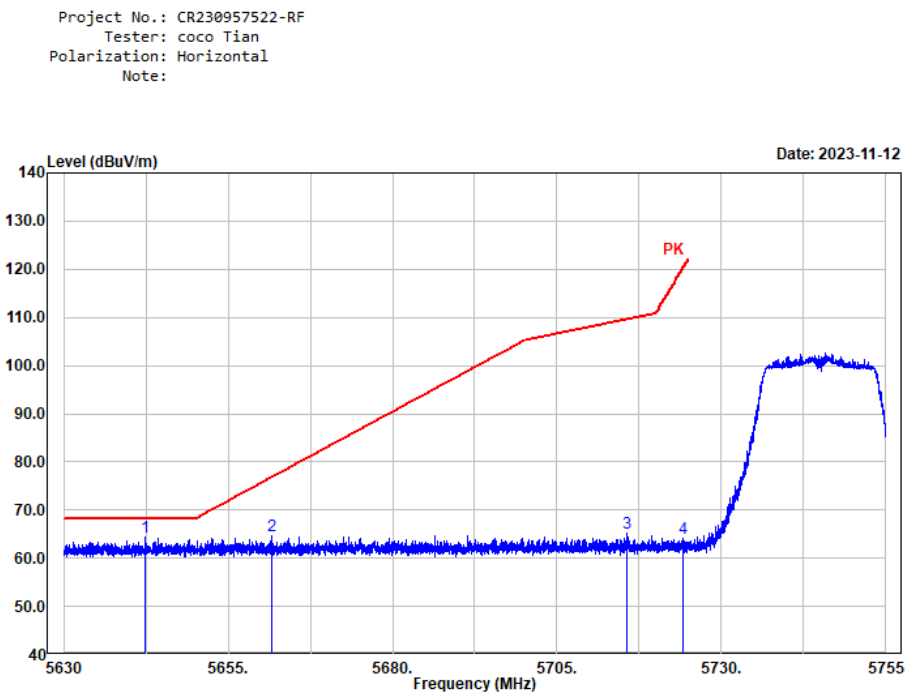
5825MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.139	33.30	33.19	66.49	119.60	53.11	Peak
2	5867.367	32.56	33.29	65.85	107.34	41.49	Peak
3	5916.400	32.92	33.47	66.39	74.54	8.15	Peak
4	5941.269	32.36	33.47	65.83	68.20	2.37	Peak

802.11 n ht20
Chain 0+1:

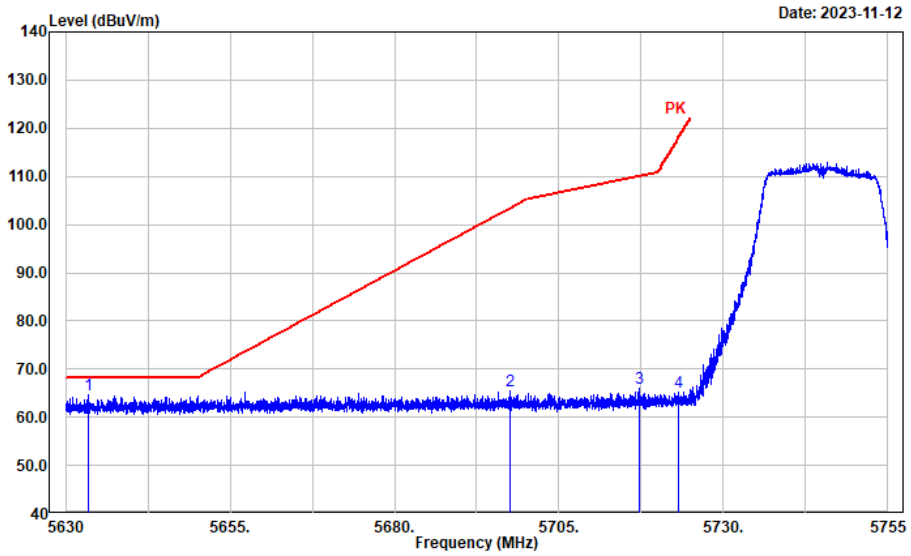
Horizontal	
5745MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5642.353	31.33	32.93	64.26	68.20	3.94	Peak
2	5661.681	31.67	32.97	64.64	76.87	12.23	Peak
3	5715.567	32.12	33.03	65.15	109.56	44.41	Peak
4	5724.069	30.98	33.03	64.01	120.08	56.07	Peak

Vertical

5745MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:

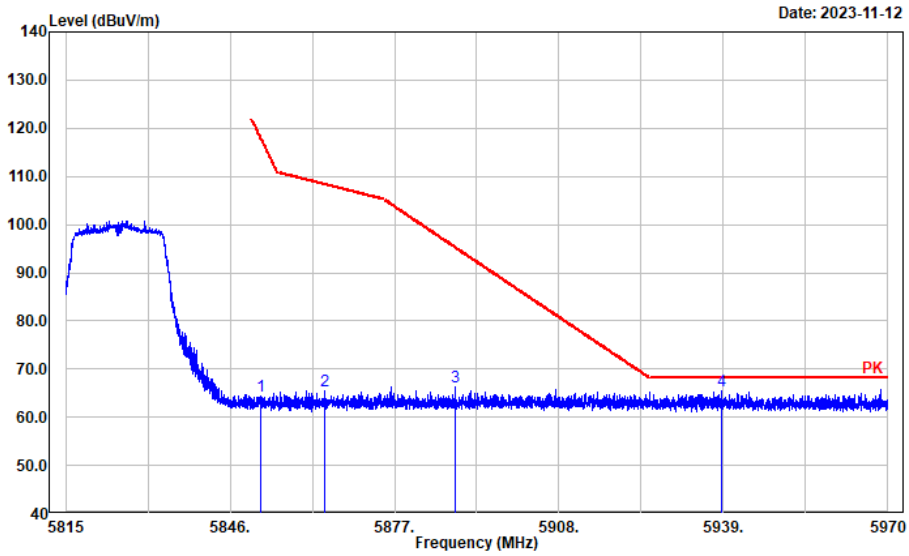


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5633.426	31.72	32.90	64.62	68.20	3.58	Peak
2	5697.588	32.50	33.03	65.53	103.42	37.89	Peak
3	5717.268	32.86	33.03	65.89	110.04	44.15	Peak
4	5723.094	32.29	33.03	65.32	117.85	52.53	Peak

Horizontal

5825MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Horizontal
Note:

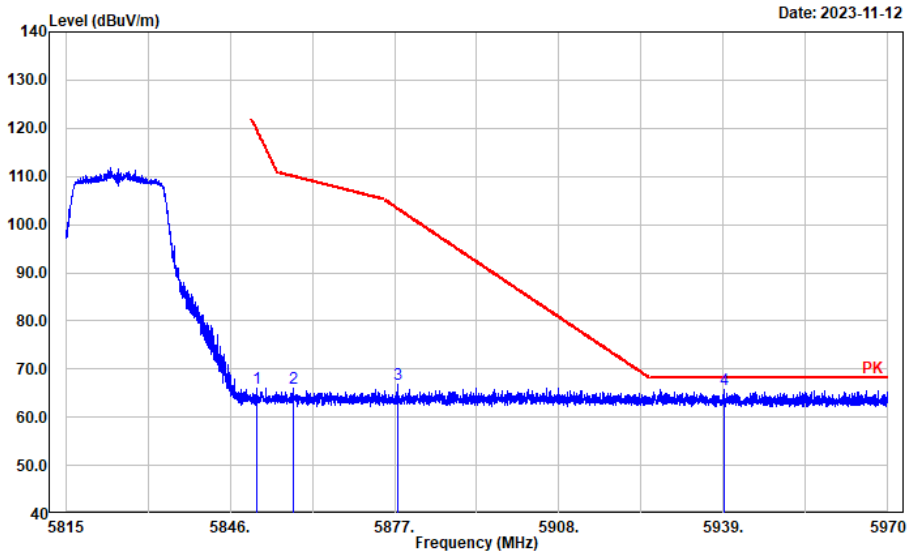


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.866	31.31	33.20	64.51	117.94	53.43	Peak
2	5863.835	32.16	33.27	65.43	108.32	42.89	Peak
3	5888.516	32.77	33.40	66.17	95.17	29.00	Peak
4	5938.715	32.01	33.46	65.47	68.20	2.73	Peak

Vertical

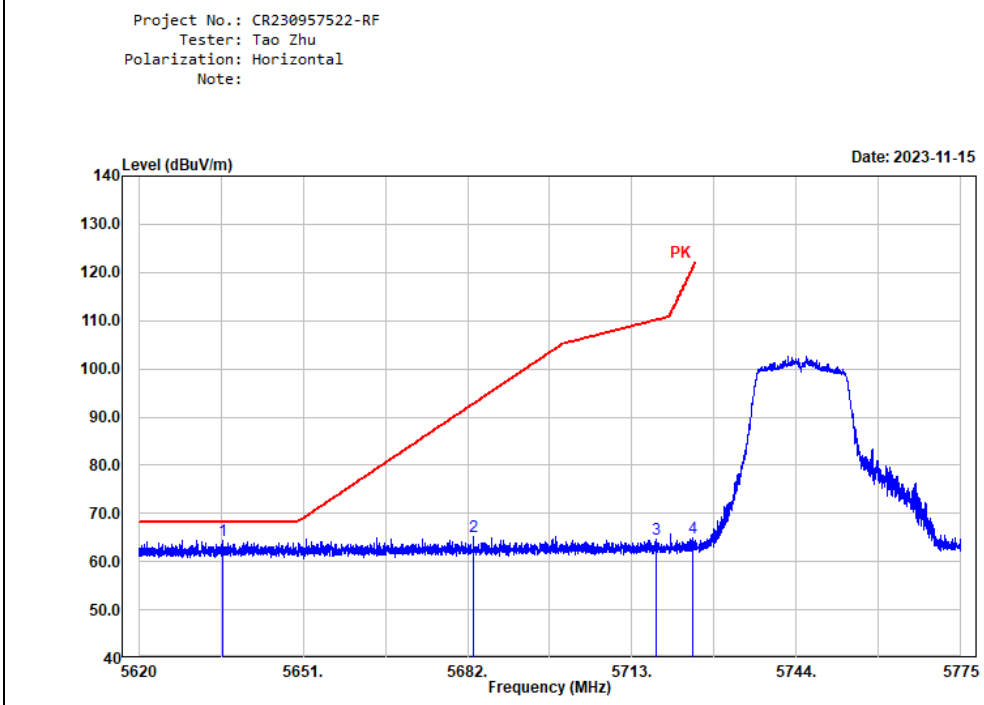
5825MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.091	32.82	33.19	66.01	119.71	53.70	Peak
2	5857.819	32.83	33.23	66.06	110.01	43.95	Peak
3	5877.508	33.58	33.34	66.92	103.34	36.42	Peak
4	5939.149	32.35	33.46	65.81	68.20	2.39	Peak

Chain 0+2:

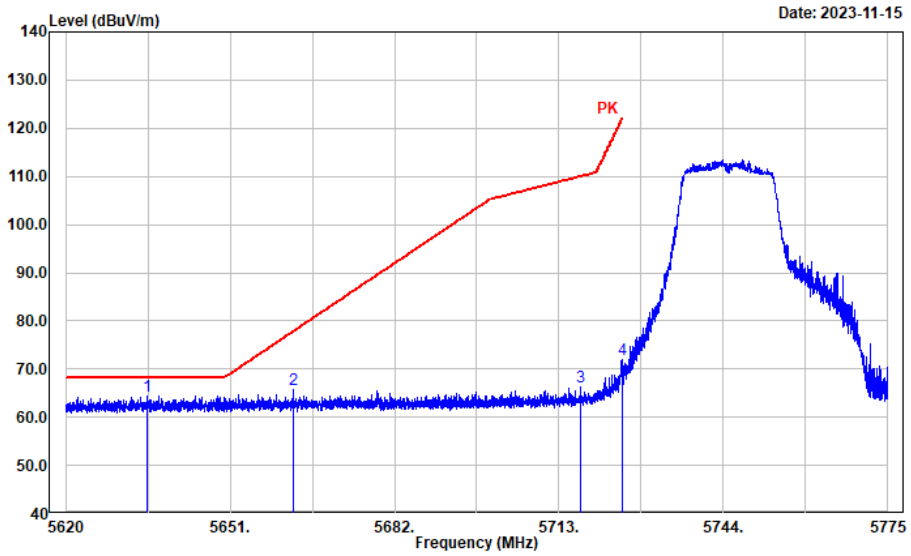
Horizontal	
5745MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5635.906	31.61	32.91	64.52	68.20	3.68	Peak
2	5683.036	32.11	33.00	65.11	92.68	27.57	Peak
3	5717.669	31.57	33.03	64.60	110.15	45.55	Peak
4	5724.367	32.03	33.03	65.06	120.76	55.70	Peak

Vertical

5745MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:

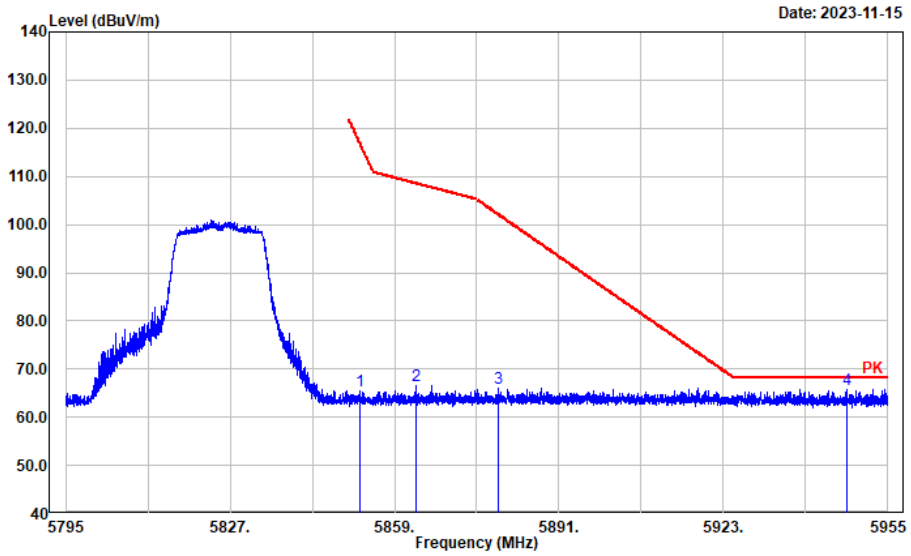


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5635.472	31.54	32.91	64.45	68.20	3.75	Peak
2	5662.943	32.64	32.97	65.61	77.81	12.20	Peak
3	5716.987	33.34	33.03	66.37	109.96	43.59	Peak
4	5724.832	38.86	33.03	71.89	121.82	49.93	Peak

Horizontal

5825MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Horizontal
Note:

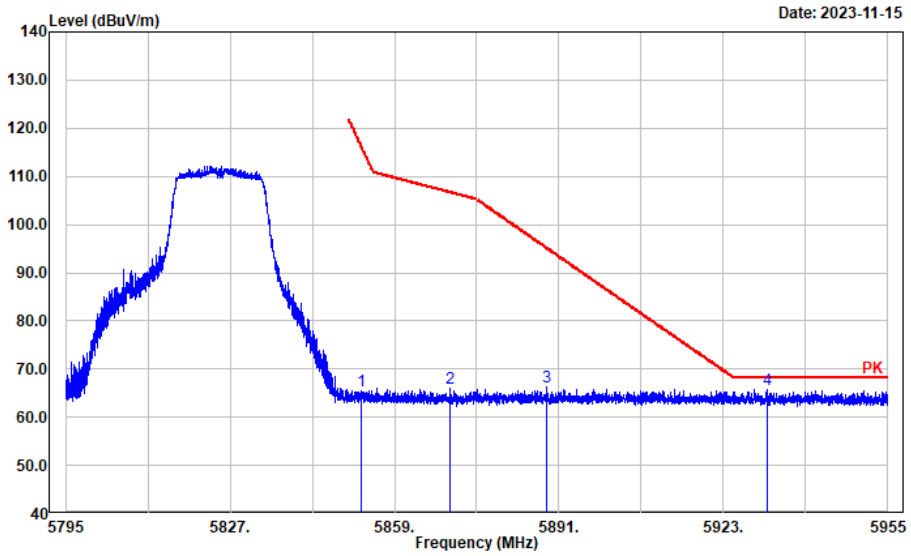


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5852.323	32.31	33.20	65.51	116.90	51.39	Peak
2	5863.174	33.39	33.26	66.65	108.51	41.86	Peak
3	5879.177	32.68	33.36	66.04	102.10	36.06	Peak
4	5947.063	32.28	33.47	65.75	68.20	2.45	Peak

Vertical

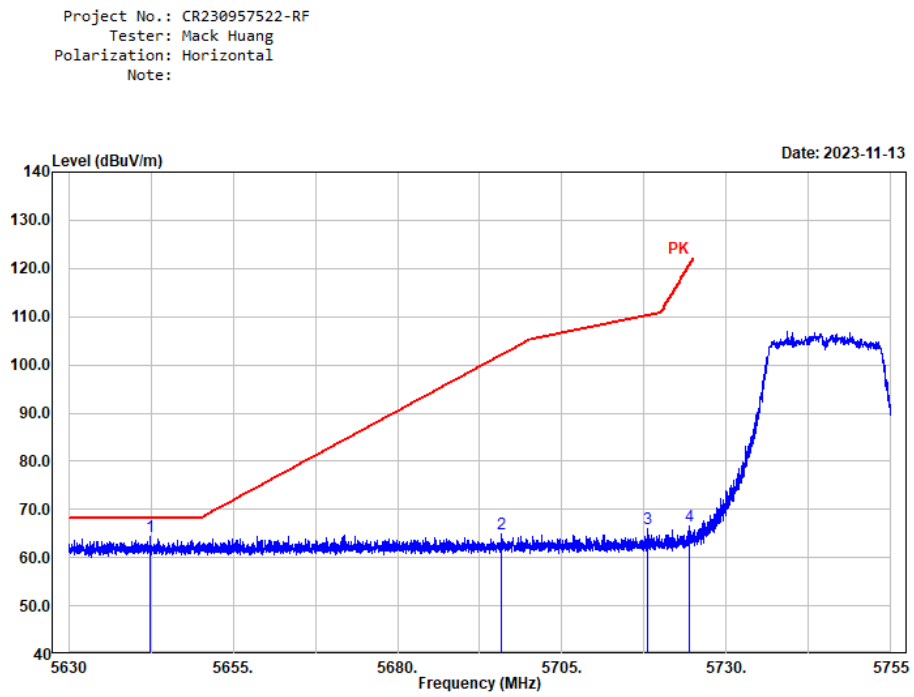
5825MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5852.483	32.33	33.20	65.53	116.54	51.01	Peak
2	5869.831	32.72	33.30	66.02	106.65	40.63	Peak
3	5888.522	32.83	33.40	66.23	95.16	28.93	Peak
4	5931.475	32.19	33.46	65.65	68.20	2.55	Peak

Chain 1+2:

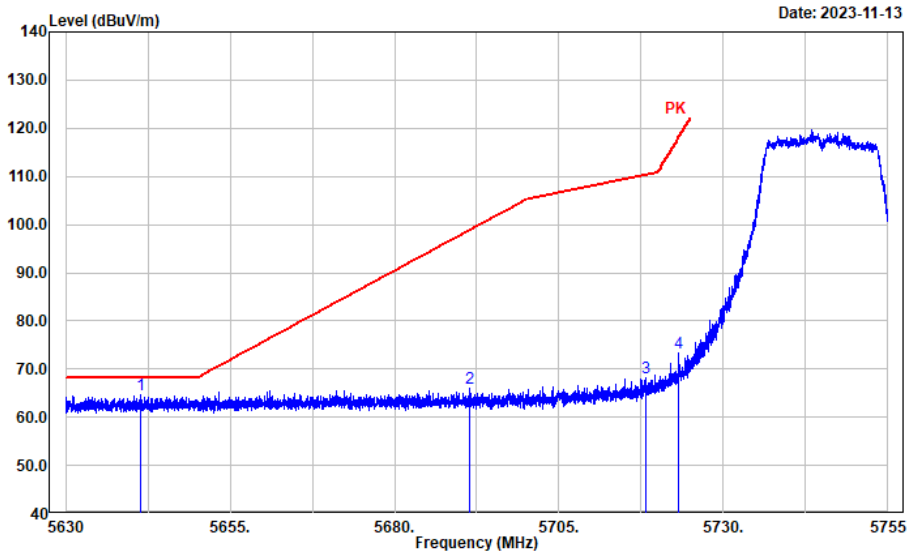
Horizontal	
5745MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5642.377	31.54	32.93	64.47	68.20	3.73	Peak
2	5695.713	31.95	33.02	64.97	102.04	37.07	Peak
3	5718.042	32.90	33.03	65.93	110.25	44.32	Peak
4	5724.369	33.40	33.03	66.43	120.76	54.33	Peak

Vertical

5745MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Vertical
Note:

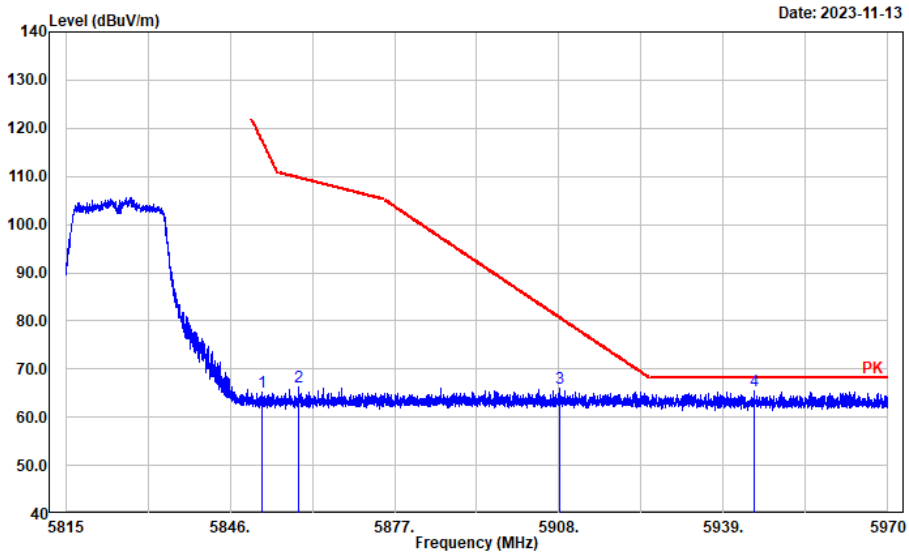


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5641.327	31.76	32.93	64.69	68.20	3.51	Peak
2	5691.462	32.90	33.02	65.92	98.91	32.99	Peak
3	5718.268	35.06	33.03	68.09	110.32	42.23	Peak
4	5723.094	40.33	33.03	73.36	117.85	44.49	Peak

Horizontal

5825MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Horizontal
Note:

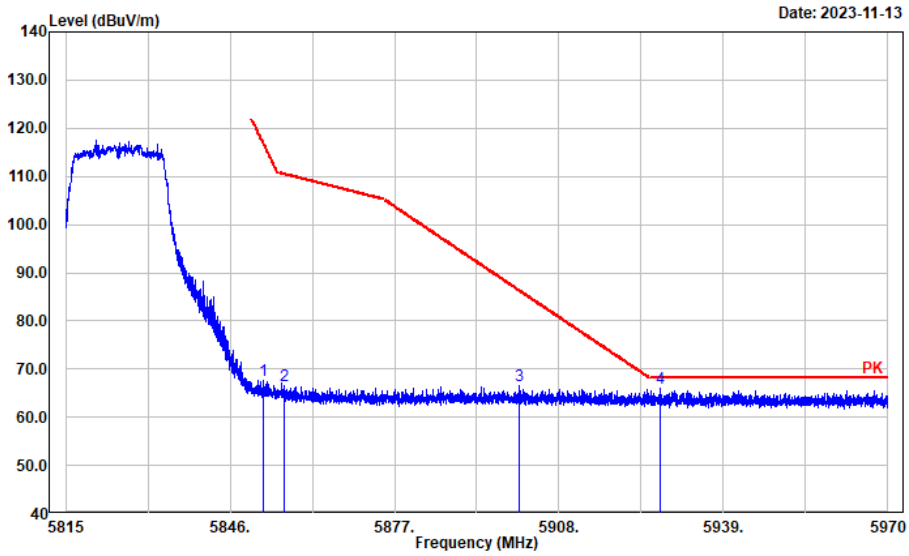


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5852.052	32.00	33.20	65.20	117.52	52.32	Peak
2	5858.936	32.93	33.24	66.17	109.70	43.53	Peak
3	5908.236	32.62	33.47	66.09	80.57	14.48	Peak
4	5944.885	32.03	33.46	65.49	68.20	2.71	Peak

Vertical

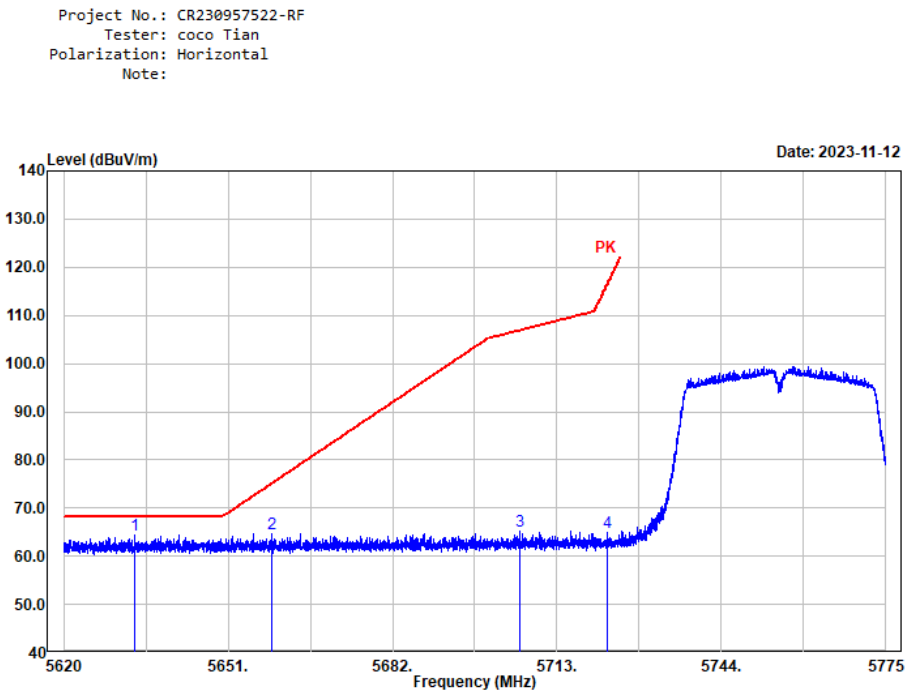
5825MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5852.208	34.39	33.20	67.59	117.17	49.58	Peak
2	5856.145	33.33	33.22	66.55	110.48	43.93	Peak
3	5900.577	32.99	33.47	66.46	86.23	19.77	Peak
4	5927.087	32.53	33.46	65.99	68.20	2.21	Peak

802.11 n ht40
Chain 0+1:

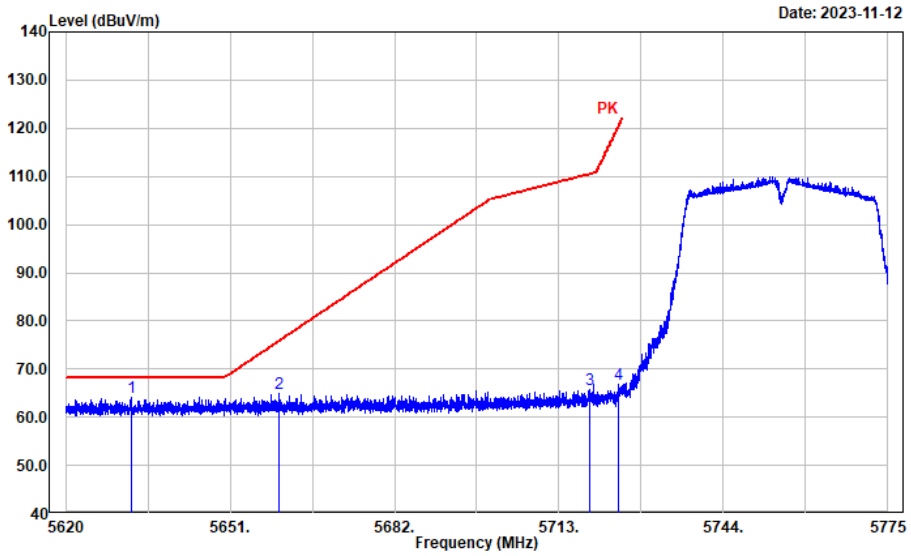
Horizontal	
5755MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5633.395	31.44	32.90	64.34	68.20	3.86	Peak
2	5659.130	31.81	32.96	64.77	74.98	10.21	Peak
3	5705.980	32.26	33.03	65.29	106.88	41.59	Peak
4	5722.506	31.82	33.03	64.85	116.52	51.67	Peak

Vertical

5755MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:

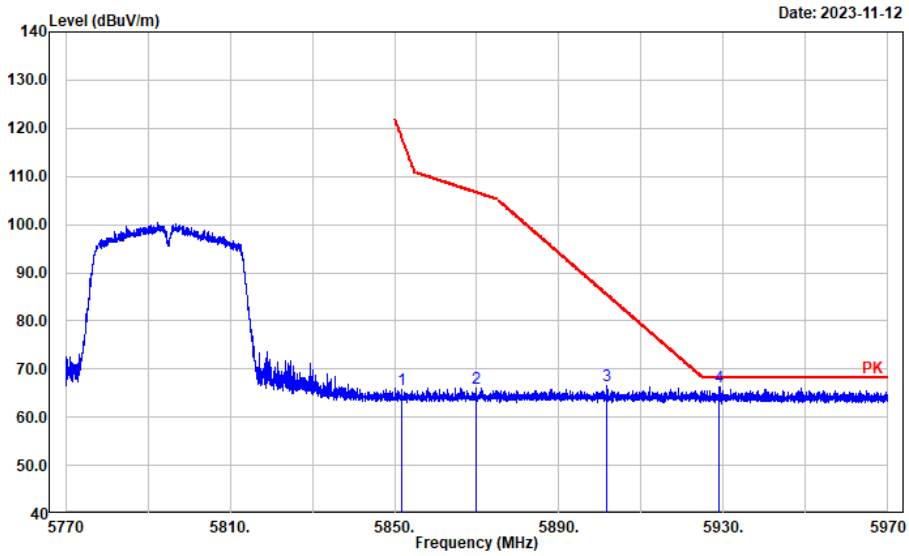


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5632.496	31.30	32.90	64.20	68.20	4.00	Peak
2	5660.215	31.89	32.97	64.86	75.79	10.93	Peak
3	5718.817	32.59	33.03	65.62	110.47	44.85	Peak
4	5724.305	33.89	33.03	66.92	120.62	53.70	Peak

Horizontal

5795MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Horizontal
Note:

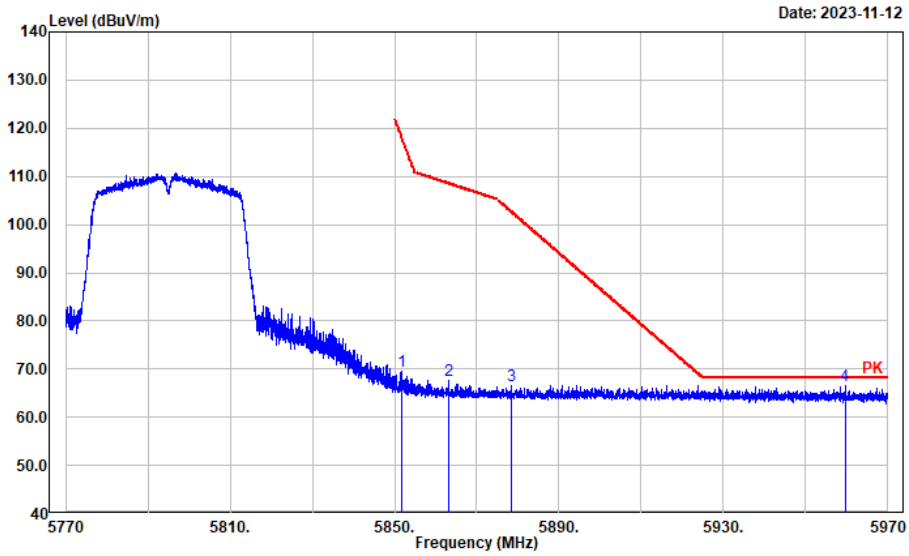


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.696	32.51	33.20	65.71	118.33	52.62	Peak
2	5869.700	32.81	33.30	66.11	106.68	40.57	Peak
3	5901.667	33.14	33.47	66.61	85.43	18.82	Peak
4	5928.792	32.85	33.47	66.32	68.20	1.88	Peak

Vertical

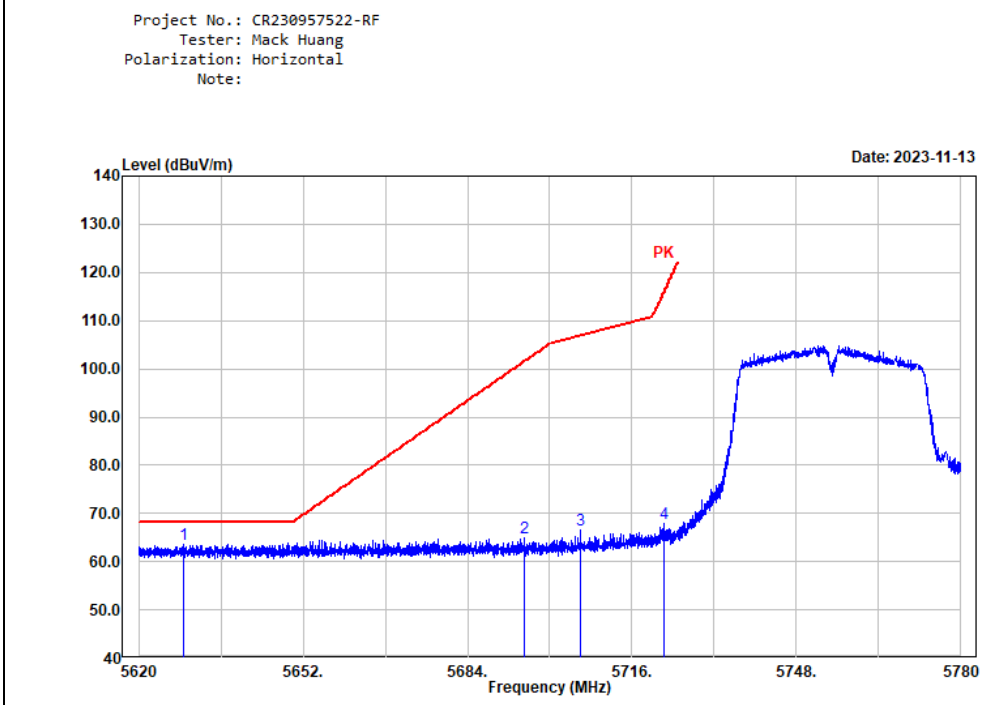
5795MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.656	36.24	33.20	69.44	118.42	48.98	Peak
2	5863.259	34.35	33.26	67.61	108.49	40.88	Peak
3	5878.422	33.31	33.35	66.66	102.66	36.00	Peak
4	5959.558	32.96	33.50	66.46	68.20	1.74	Peak

Chain 0+2:

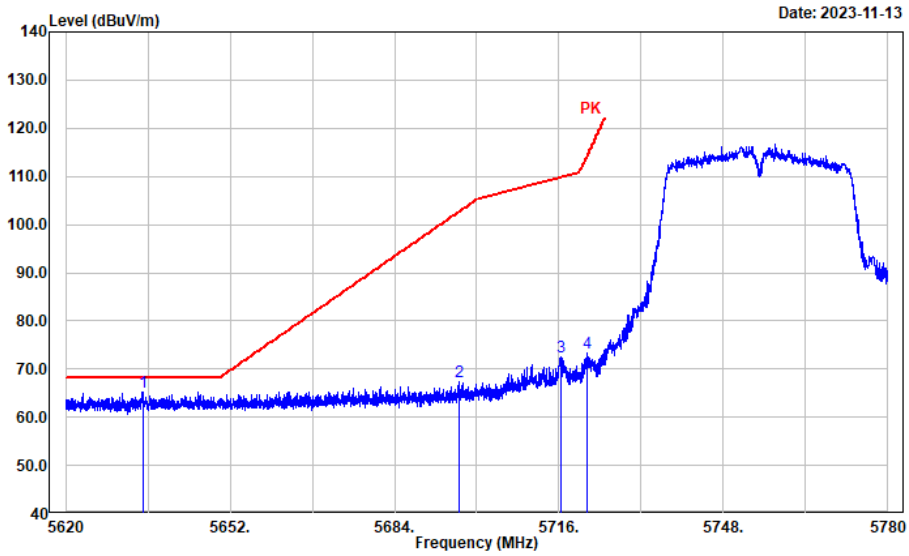
Horizontal	
5755MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5628.706	30.67	32.89	63.56	68.20	4.64	Peak
2	5695.119	31.89	33.02	64.91	101.60	36.69	Peak
3	5705.969	33.48	33.03	66.51	106.87	40.36	Peak
4	5722.260	34.89	33.03	67.92	115.95	48.03	Peak

Vertical

5755MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Vertical
Note:

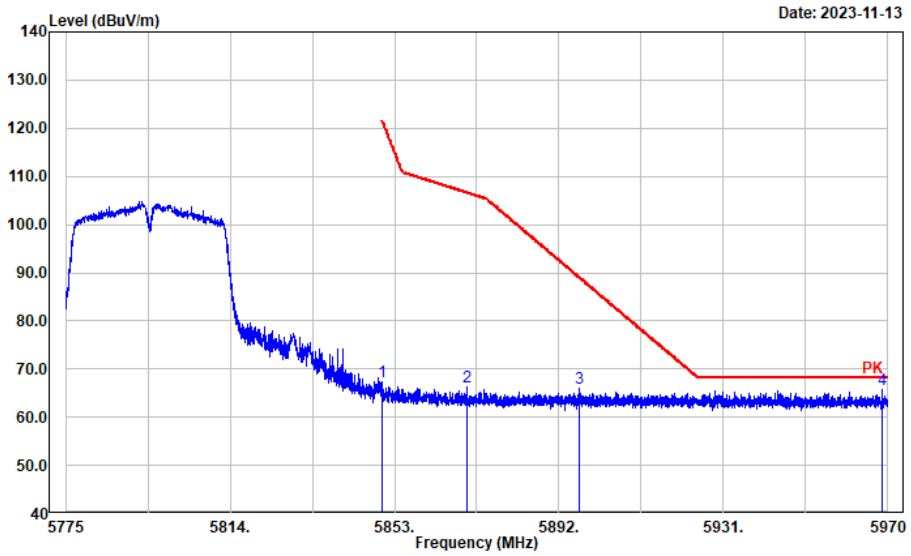


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5635.107	32.42	32.91	65.33	68.20	2.87	Peak
2	5696.463	34.43	33.02	67.45	102.59	35.14	Peak
3	5716.371	39.56	33.03	72.59	109.79	37.20	Peak
4	5721.460	40.31	33.03	73.34	114.13	40.79	Peak

Horizontal

5795MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Horizontal
Note:

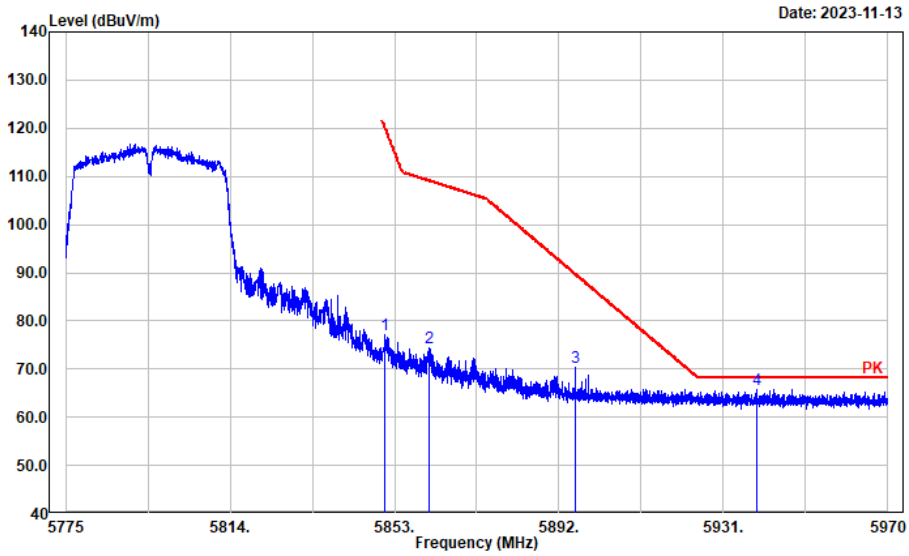


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5850.090	34.10	33.19	67.29	122.00	54.71	Peak
2	5870.062	32.85	33.30	66.15	106.58	40.43	Peak
3	5896.666	32.64	33.45	66.09	89.13	23.04	Peak
4	5968.557	32.08	33.53	65.61	68.20	2.59	Peak

Vertical

5795MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Vertical
Note:

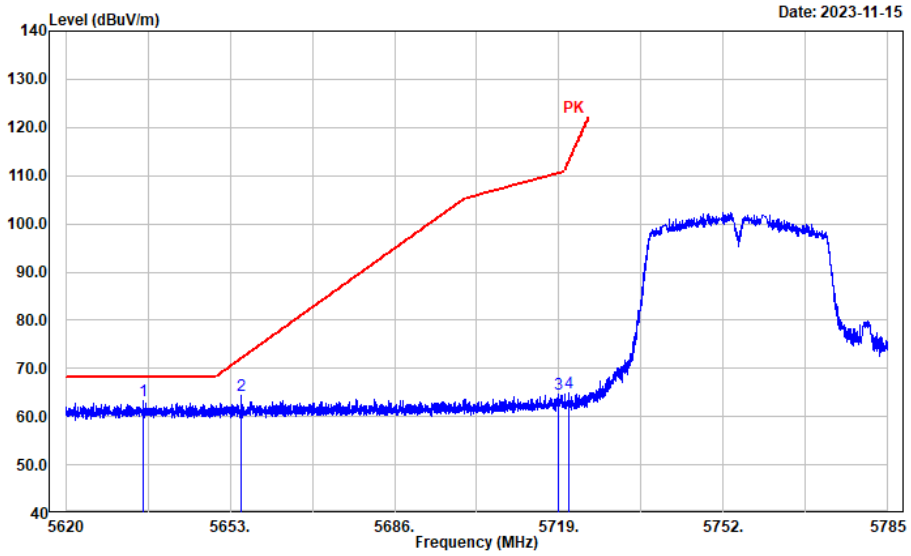


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5850.675	43.95	33.19	77.14	120.66	43.52	Peak
2	5861.246	41.06	33.25	74.31	109.05	34.74	Peak
3	5895.807	36.84	33.44	70.28	89.76	19.48	Peak
4	5938.872	32.34	33.46	65.80	68.20	2.40	Peak

Chain 1+2:

Horizontal	
5755MHz	

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Horizontal
Note:

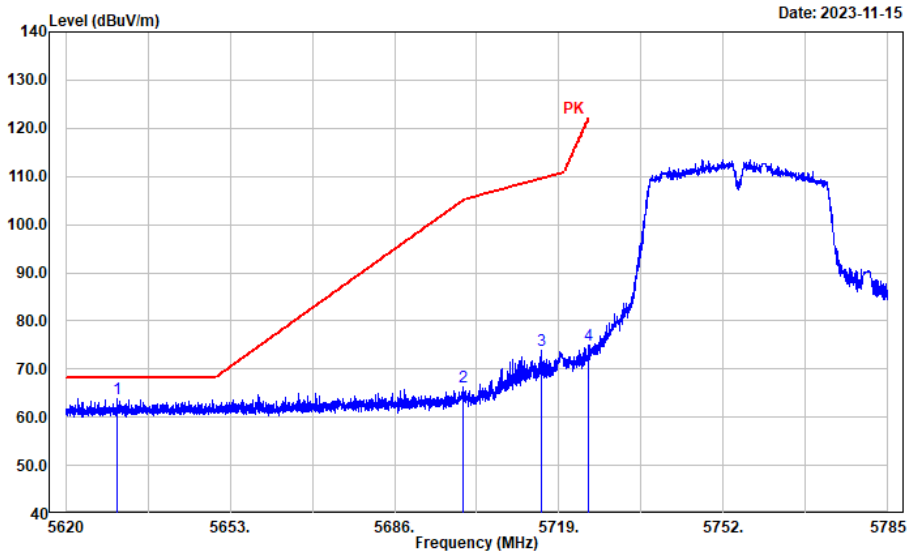


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5635.645	30.28	32.91	63.19	68.20	5.01	Peak
2	5655.119	31.30	32.96	64.26	72.00	7.74	Peak
3	5718.888	31.68	33.03	64.71	110.49	45.78	Peak
4	5721.033	31.90	33.03	64.93	113.16	48.23	Peak

Vertical

5755MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:

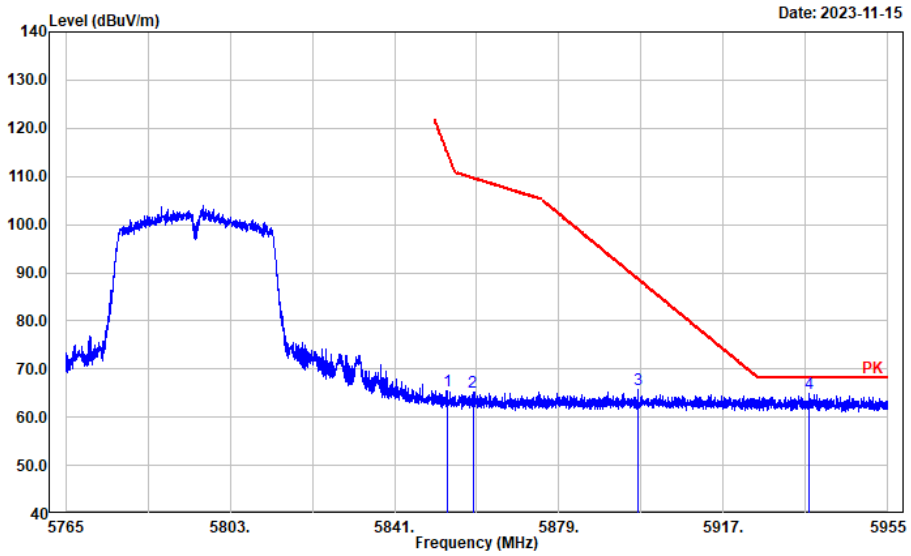


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5630.430	30.84	32.90	63.74	68.20	4.46	Peak
2	5699.711	33.13	33.03	66.16	104.99	38.83	Peak
3	5715.488	40.86	33.03	73.89	109.54	35.65	Peak
4	5724.895	41.95	33.03	74.98	121.96	46.98	Peak

Horizontal

5795MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Horizontal
Note:

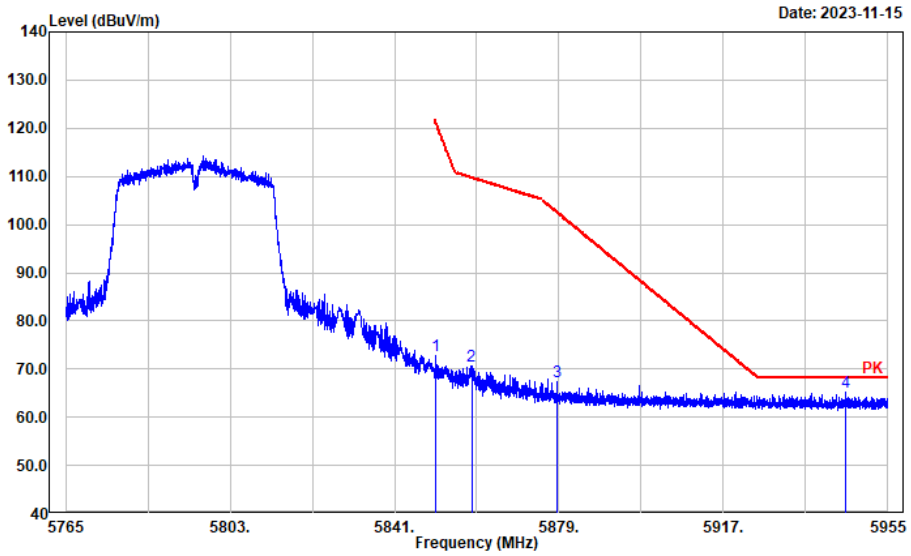


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5853.216	32.35	33.21	65.56	114.87	49.31	Peak
2	5859.107	32.06	33.24	65.30	109.65	44.35	Peak
3	5897.342	32.17	33.46	65.63	88.63	23.00	Peak
4	5936.680	31.35	33.46	64.81	68.20	3.39	Peak

Vertical

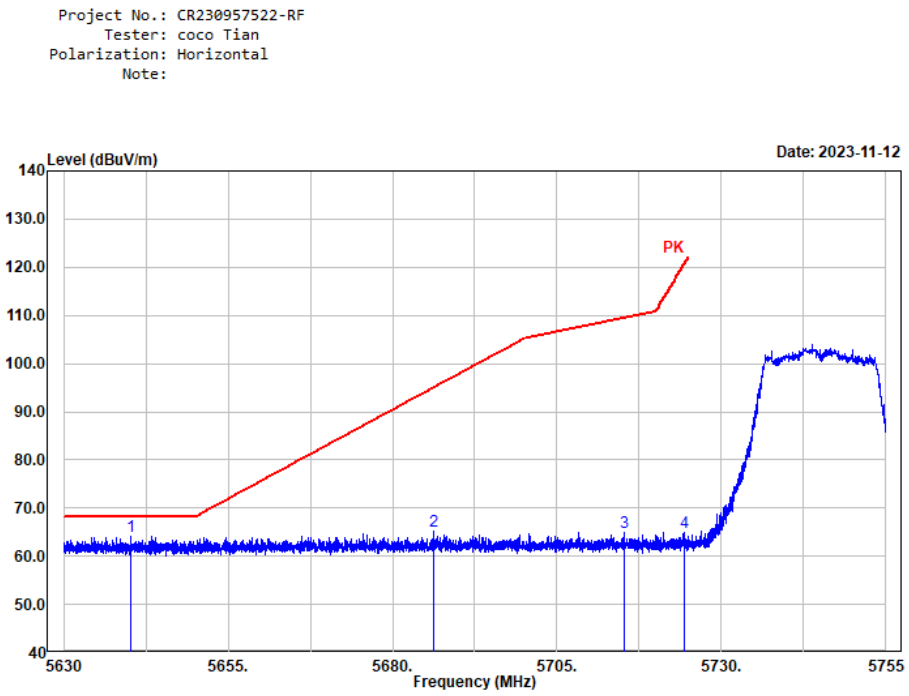
5795MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5850.631	39.48	33.19	72.67	120.76	48.09	Peak
2	5858.803	37.28	33.24	70.52	109.73	39.21	Peak
3	5878.604	34.02	33.35	67.37	102.52	35.15	Peak
4	5945.308	31.80	33.46	65.26	68.20	2.94	Peak

802.11 ac vht20
Chain 0+1:

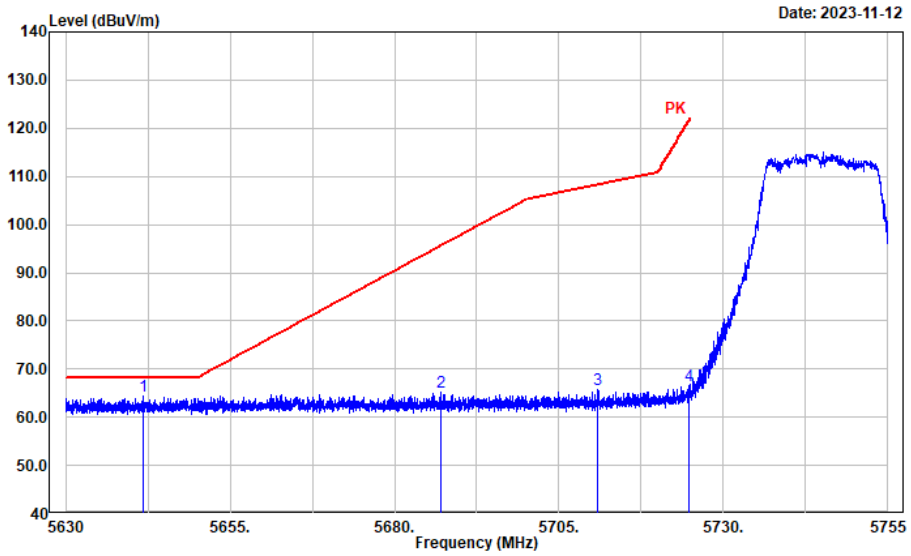
Horizontal	
5745MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5640.277	31.30	32.92	64.22	68.20	3.98	Peak
2	5686.261	32.25	33.01	65.26	95.07	29.81	Peak
3	5715.267	31.99	33.03	65.02	109.48	44.46	Peak
4	5724.444	31.89	33.03	64.92	120.93	56.01	Peak

Vertical

5745MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:

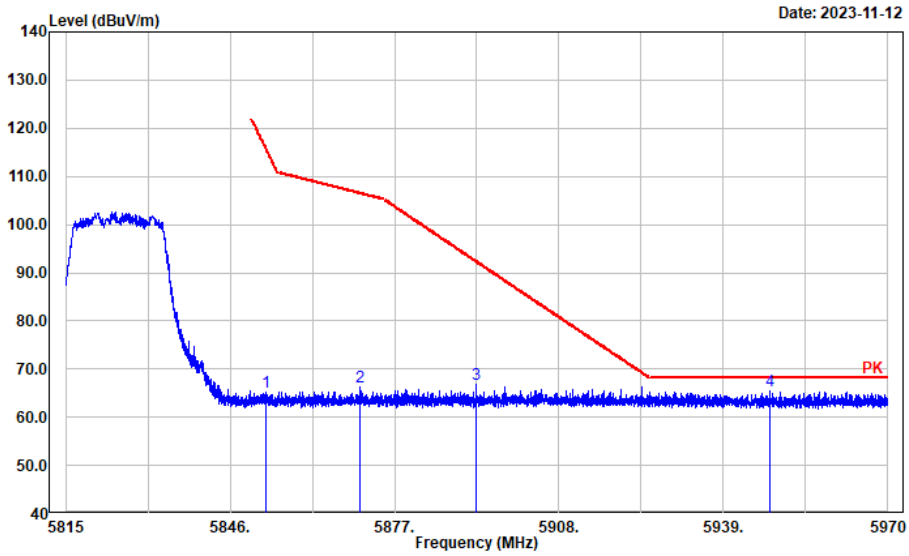


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5641.752	31.41	32.93	64.34	68.20	3.86	Peak
2	5686.986	32.15	33.01	65.16	95.60	30.44	Peak
3	5710.891	32.73	33.03	65.76	108.25	42.49	Peak
4	5724.669	33.59	33.03	66.62	121.45	54.83	Peak

Horizontal

5825MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Horizontal
Note:

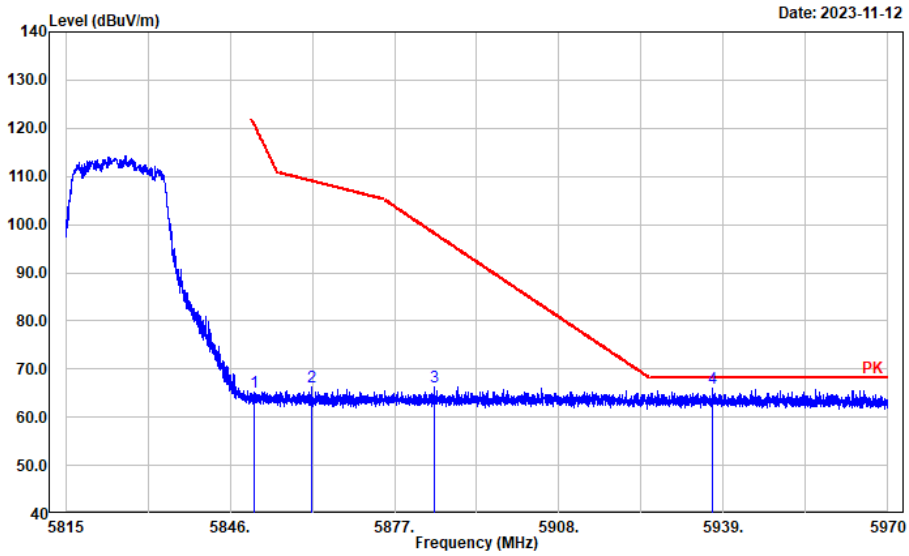


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5852.734	32.12	33.20	65.32	115.96	50.64	Peak
2	5870.532	33.09	33.30	66.39	106.45	40.06	Peak
3	5892.298	33.36	33.43	66.79	92.36	25.57	Peak
4	5947.737	32.11	33.46	65.57	68.20	2.63	Peak

Vertical

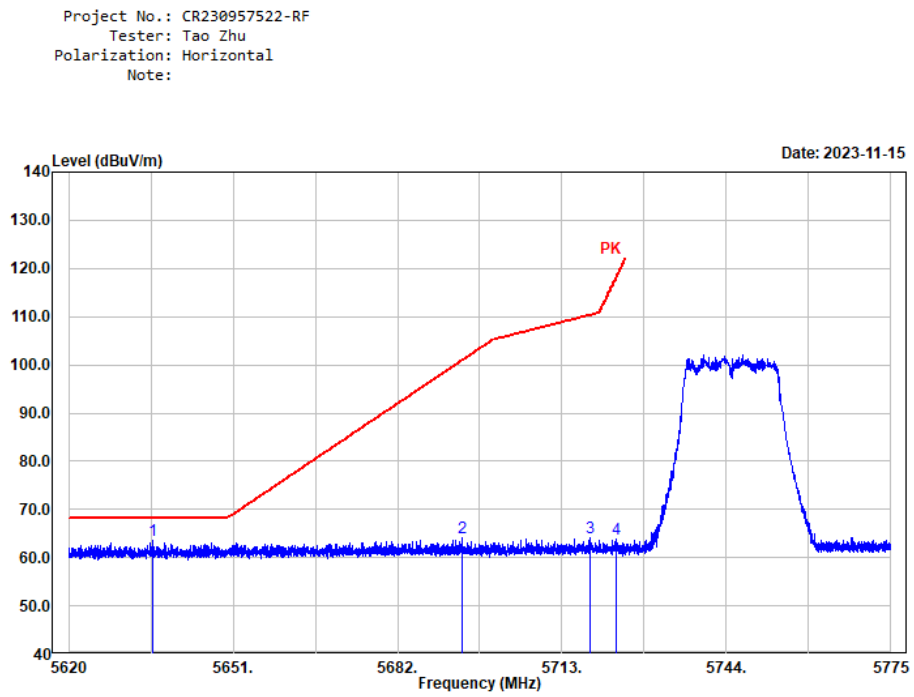
5825MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5850.595	32.05	33.19	65.24	120.84	55.60	Peak
2	5861.417	32.91	33.26	66.17	109.00	42.83	Peak
3	5884.454	32.98	33.39	66.37	98.18	31.81	Peak
4	5937.009	32.46	33.46	65.92	68.20	2.28	Peak

Chain 0+2:

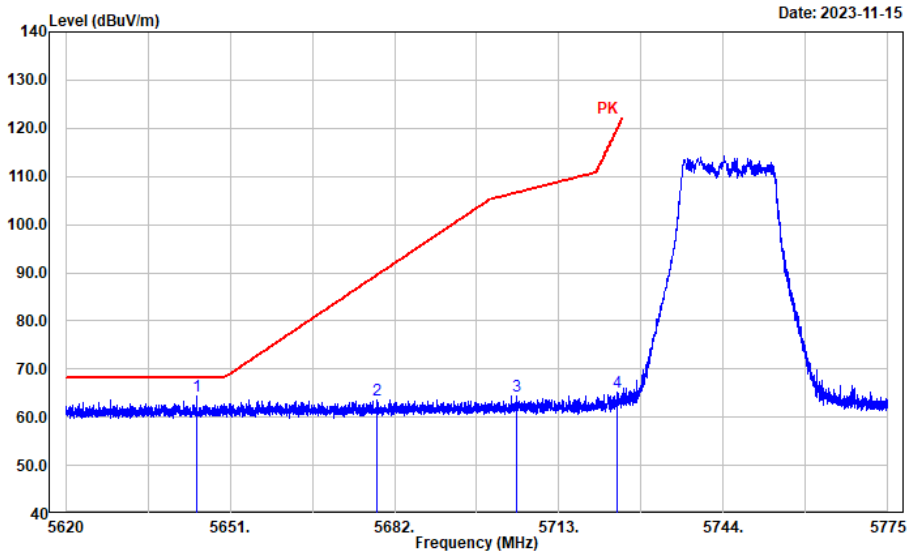
Horizontal	
5745MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5635.813	30.55	32.91	63.46	68.20	4.74	Peak
2	5694.105	30.97	33.02	63.99	100.85	36.86	Peak
3	5718.197	30.99	33.03	64.02	110.30	46.28	Peak
4	5723.220	30.81	33.03	63.84	118.14	54.30	Peak

Vertical

5745MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:

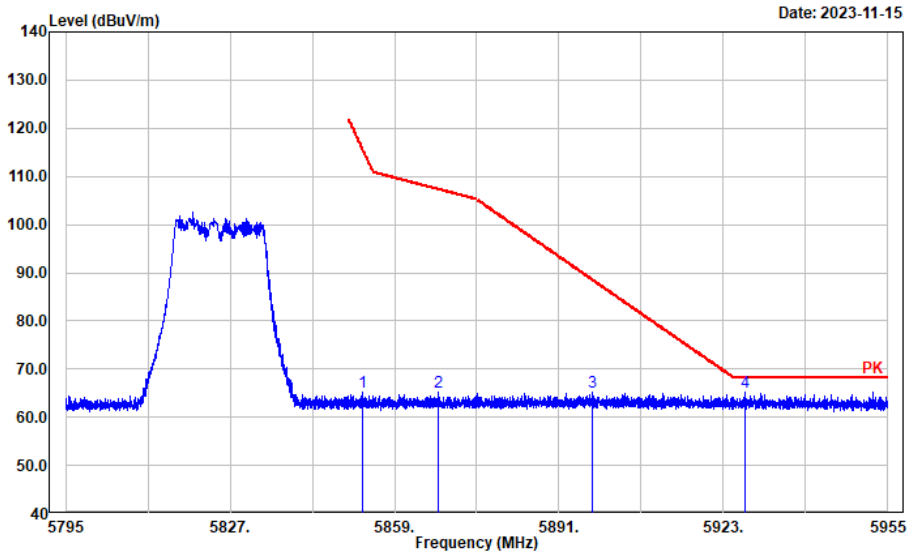


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5644.650	31.34	32.93	64.27	68.20	3.93	Peak
2	5678.664	30.63	33.00	63.63	89.45	25.82	Peak
3	5705.019	31.38	33.03	64.41	106.61	42.20	Peak
4	5724.057	32.09	33.03	65.12	120.05	54.93	Peak

Horizontal

5825MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Horizontal
Note:

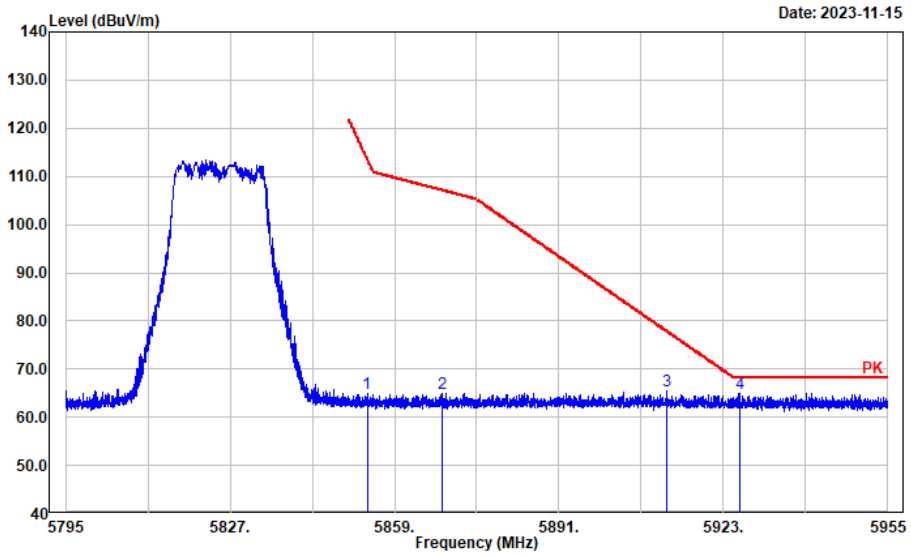


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5852.675	31.91	33.20	65.11	116.10	50.99	Peak
2	5867.431	31.82	33.29	65.11	107.32	42.21	Peak
3	5897.548	31.84	33.46	65.30	88.48	23.18	Peak
4	5927.250	31.79	33.46	65.25	68.20	2.95	Peak

Vertical

5825MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:

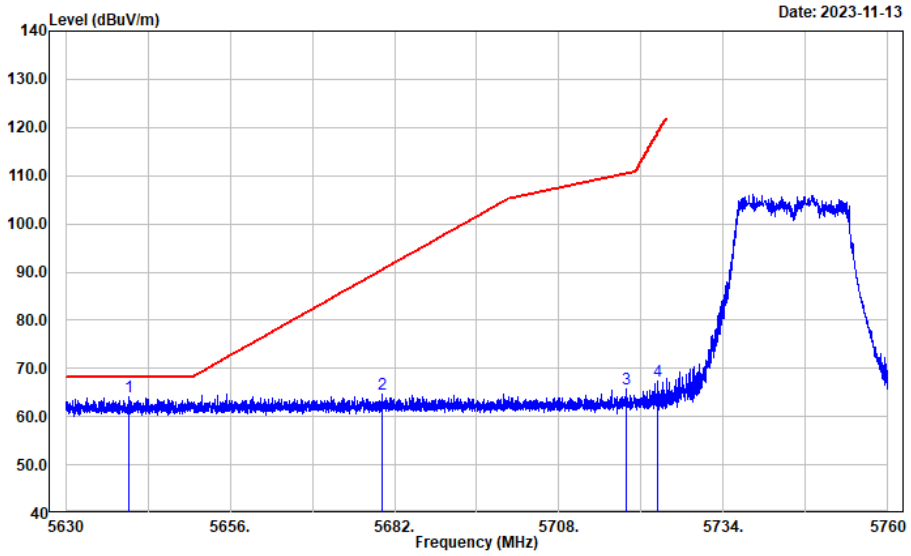


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5853.668	31.59	33.21	64.80	113.84	49.04	Peak
2	5868.230	31.62	33.29	64.91	107.09	42.18	Peak
3	5911.951	32.06	33.47	65.53	77.83	12.30	Peak
4	5926.130	31.60	33.46	65.06	68.20	3.14	Peak

Chain 1+2:

Horizontal	
5745MHz	

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Horizontal
Note:

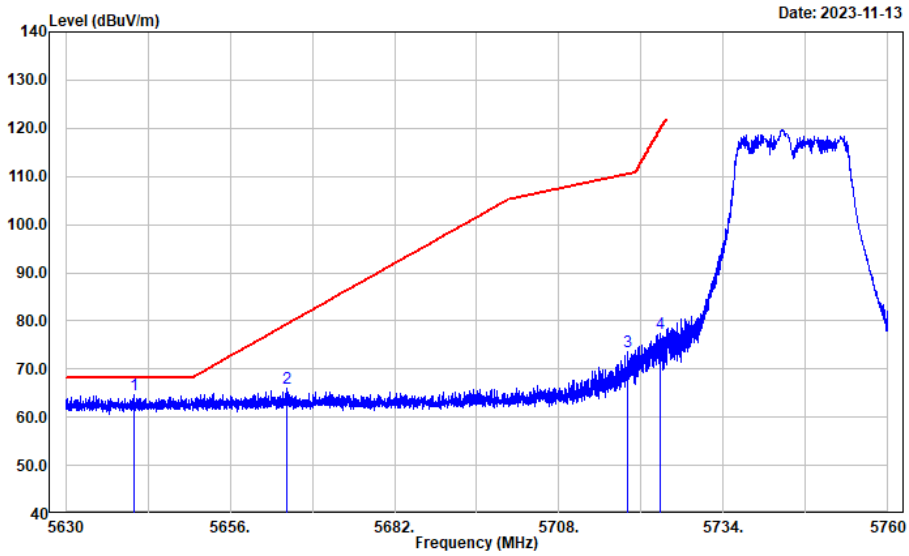


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5640.012	31.18	32.92	64.10	68.20	4.10	Peak
2	5680.138	31.70	33.00	64.70	90.54	25.84	Peak
3	5718.574	32.67	33.03	65.70	110.40	44.70	Peak
4	5723.671	34.40	33.03	67.43	119.17	51.74	Peak

Vertical

5745MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Vertical
Note:

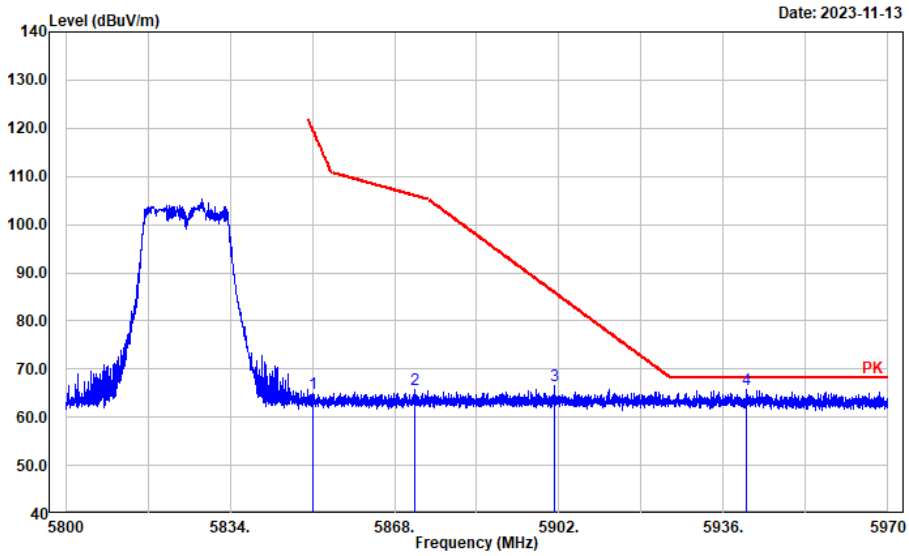


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5640.792	31.65	32.93	64.58	68.20	3.62	Peak
2	5665.029	32.92	32.97	65.89	79.36	13.47	Peak
3	5718.938	40.61	33.03	73.64	110.50	36.86	Peak
4	5724.087	44.47	33.03	77.50	120.12	42.62	Peak

Horizontal

5825MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Horizontal
Note:

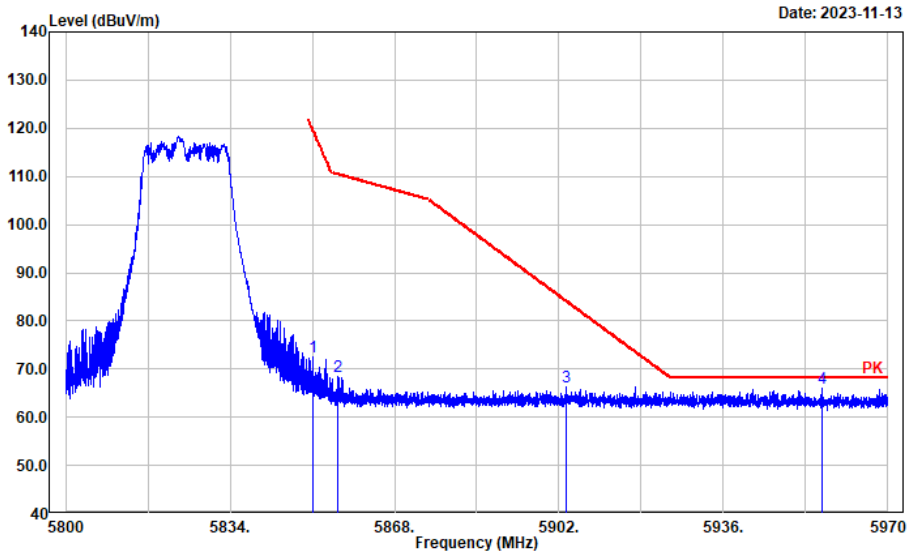


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.180	31.71	33.19	64.90	119.51	54.61	Peak
2	5872.163	32.36	33.32	65.68	105.99	40.31	Peak
3	5900.966	33.15	33.47	66.62	85.95	19.33	Peak
4	5940.686	32.14	33.47	65.61	68.20	2.59	Peak

Vertical

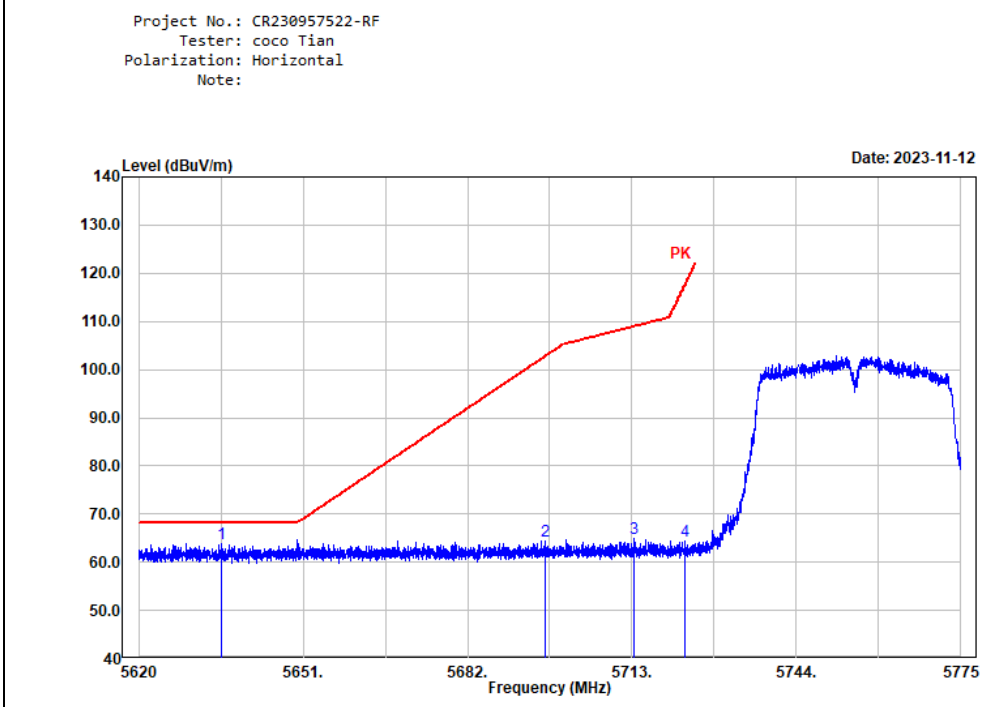
5825MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.146	39.23	33.19	72.42	119.59	47.17	Peak
2	5856.281	35.10	33.23	68.33	110.44	42.11	Peak
3	5903.551	32.77	33.47	66.24	84.03	17.79	Peak
4	5956.363	32.53	33.48	66.01	68.20	2.19	Peak

802.11 ac vht40
Chain 0+1:

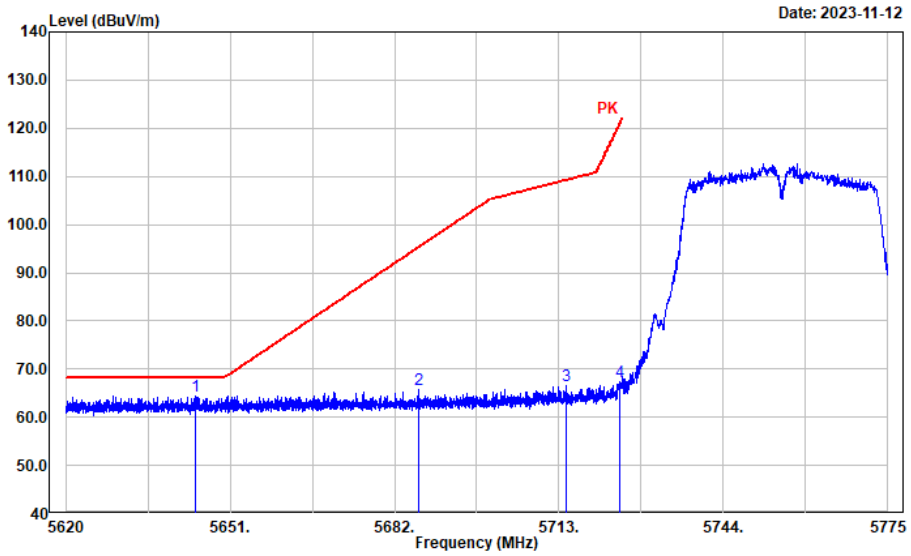
Horizontal	
5755MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5635.720	31.01	32.91	63.92	68.20	4.28	Peak
2	5696.585	31.47	33.02	64.49	102.68	38.19	Peak
3	5713.484	31.97	33.03	65.00	108.98	43.98	Peak
4	5723.064	31.24	33.03	64.27	117.79	53.52	Peak

Vertical

5755MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:

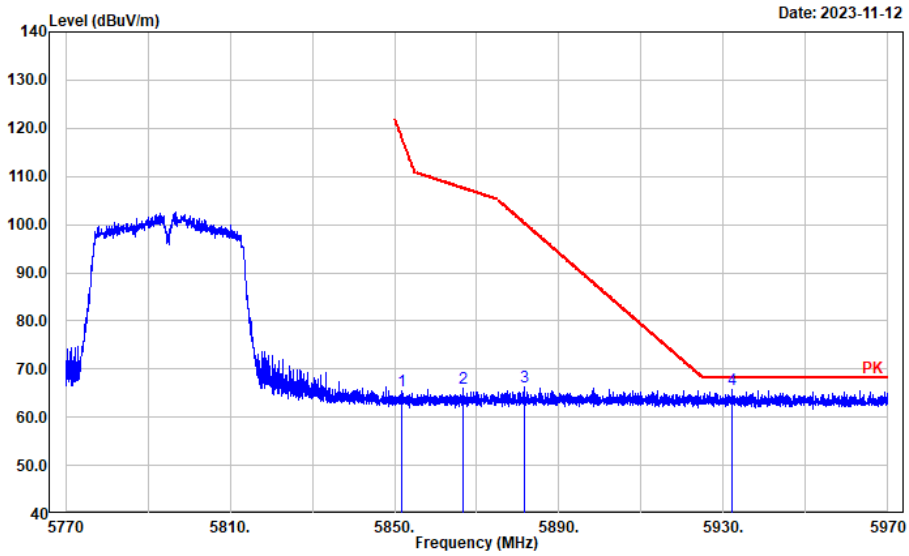


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5644.526	31.46	32.93	64.39	68.20	3.81	Peak
2	5686.664	32.75	33.01	65.76	95.36	29.60	Peak
3	5714.445	33.40	33.03	66.43	109.25	42.82	Peak
4	5724.522	34.27	33.03	67.30	121.11	53.81	Peak

Horizontal

5795MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Horizontal
Note:

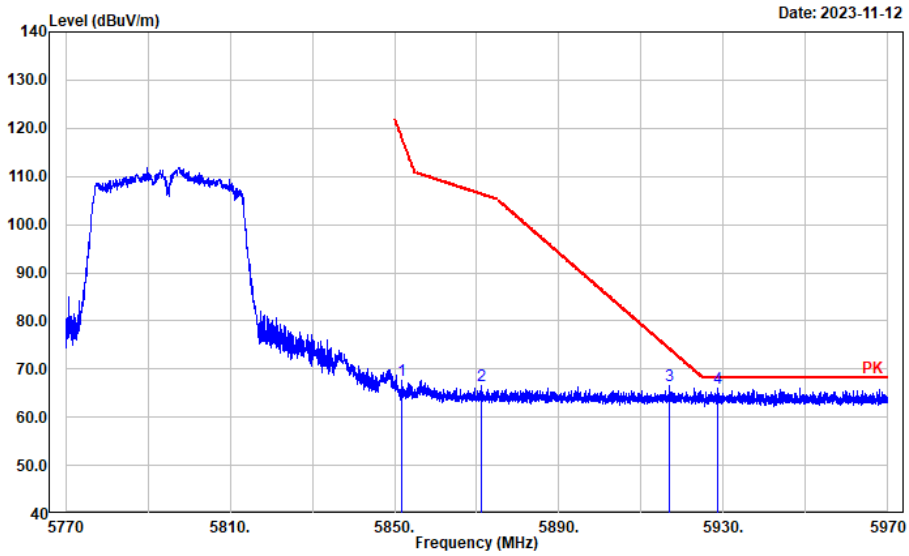


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.616	32.31	33.20	65.51	118.51	53.00	Peak
2	5866.699	32.59	33.29	65.88	107.52	41.64	Peak
3	5881.742	32.81	33.37	66.18	100.19	34.01	Peak
4	5932.072	32.41	33.46	65.87	68.20	2.33	Peak

Vertical

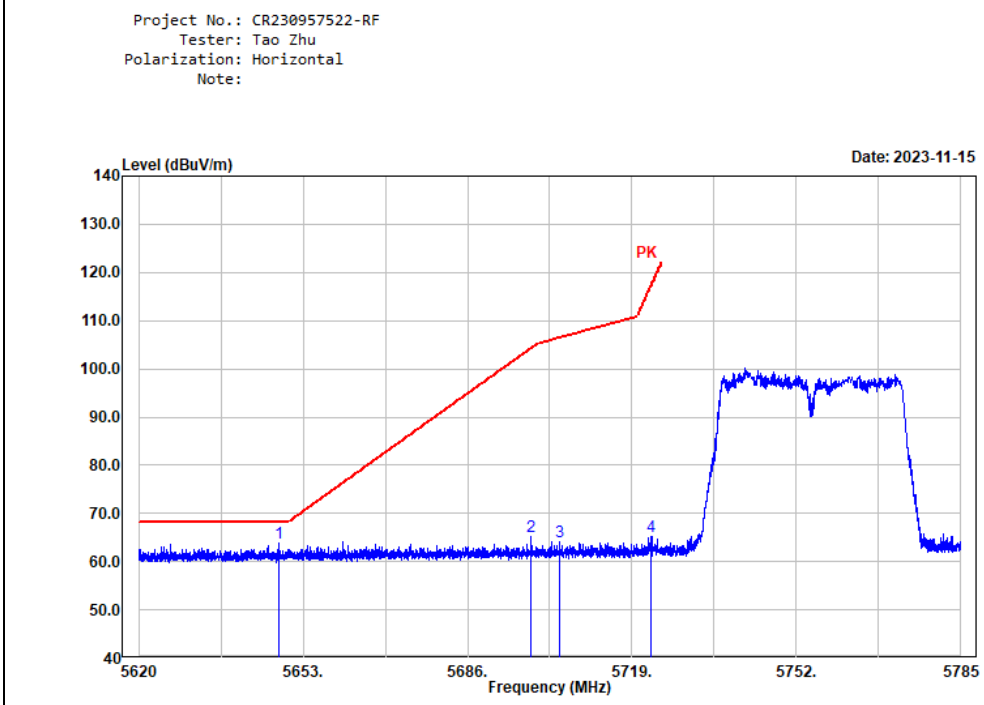
5795MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.656	34.39	33.20	67.59	118.42	50.83	Peak
2	5871.100	33.22	33.30	66.52	106.29	39.77	Peak
3	5916.790	33.21	33.47	66.68	74.25	7.57	Peak
4	5928.672	32.65	33.47	66.12	68.20	2.08	Peak

Chain 0+2:

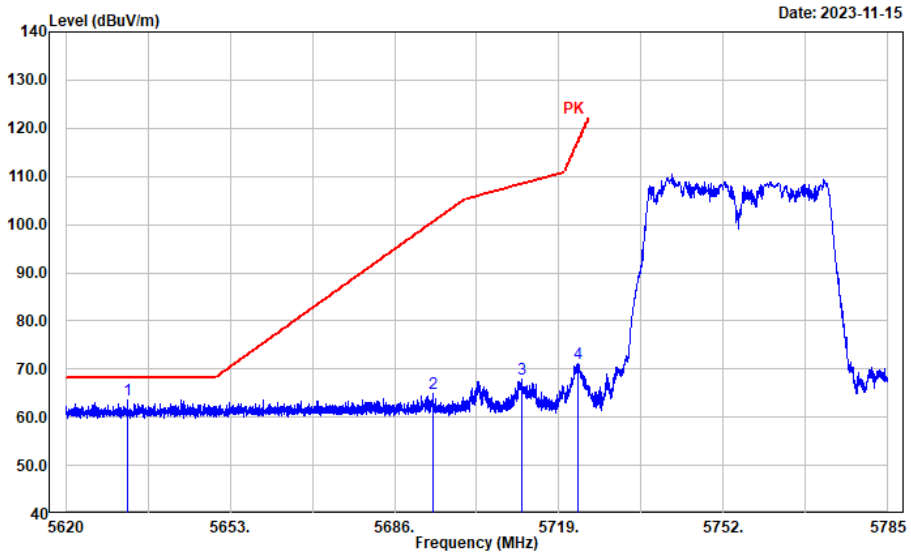
Horizontal	
5755MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5648.221	30.80	32.95	63.75	68.20	4.45	Peak
2	5698.721	32.09	33.03	65.12	104.26	39.14	Peak
3	5704.563	31.17	33.03	64.20	106.48	42.28	Peak
4	5722.783	32.13	33.03	65.16	117.15	51.99	Peak

Vertical

5755MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:

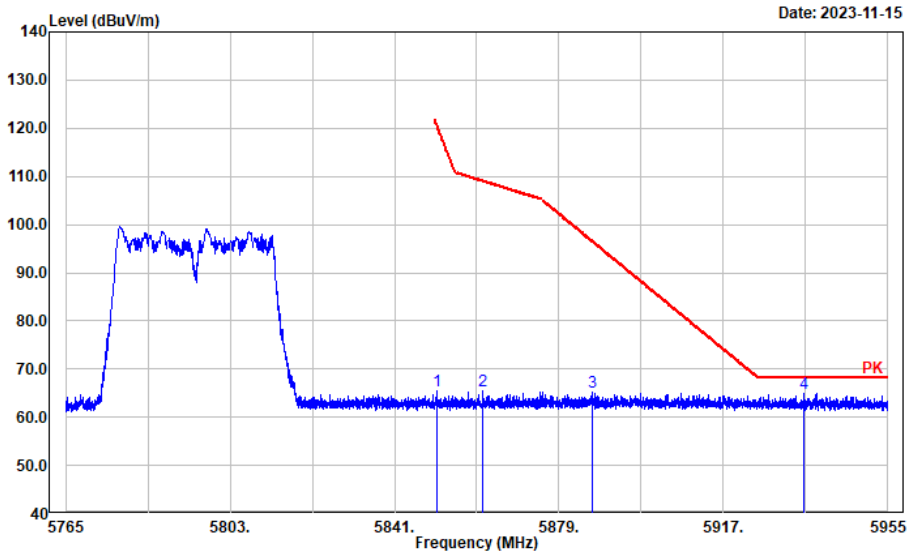


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5632.477	30.65	32.90	63.55	68.20	4.65	Peak
2	5693.803	31.94	33.02	64.96	100.63	35.67	Peak
3	5711.593	34.79	33.03	67.82	108.45	40.63	Peak
4	5722.915	38.25	33.03	71.28	117.45	46.17	Peak

Horizontal

5795MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Horizontal
Note:

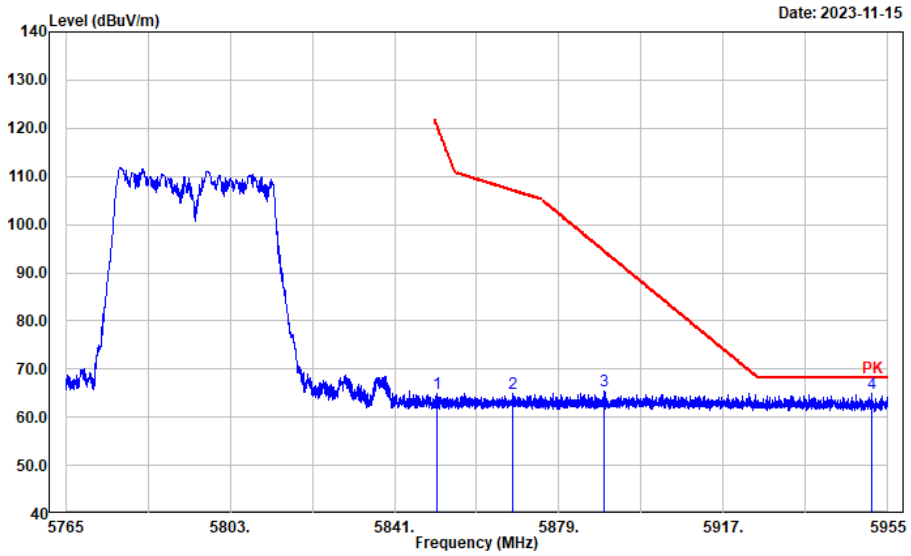


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5850.669	32.39	33.19	65.58	120.67	55.09	Peak
2	5861.349	32.30	33.26	65.56	109.02	43.46	Peak
3	5886.814	31.77	33.40	65.17	96.43	31.26	Peak
4	5935.692	31.45	33.47	64.92	68.20	3.28	Peak

Vertical

5795MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:

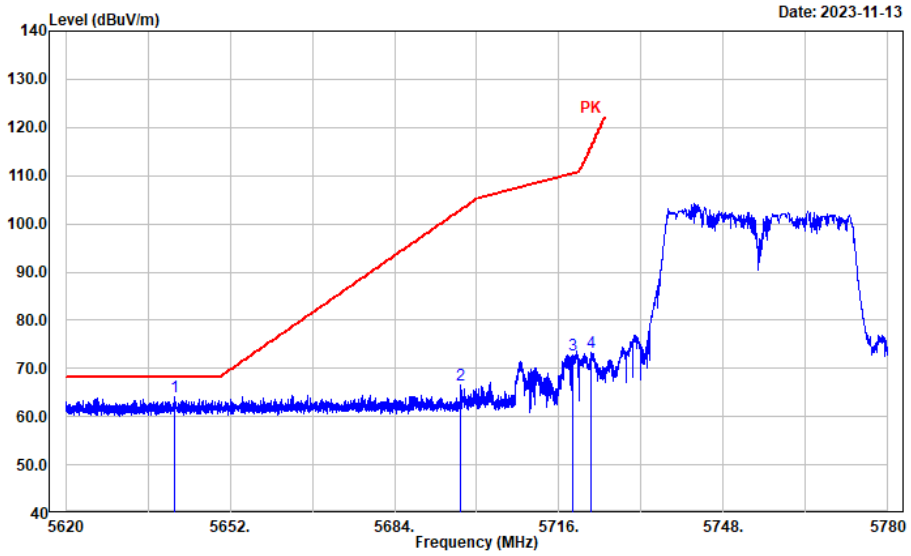


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5850.859	31.84	33.19	65.03	120.24	55.21	Peak
2	5868.343	31.77	33.29	65.06	107.06	42.00	Peak
3	5889.399	32.00	33.41	65.41	94.51	29.10	Peak
4	5951.389	31.43	33.46	64.89	68.20	3.31	Peak

Chain 1+2:

Horizontal	
5755MHz	

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Horizontal
Note:

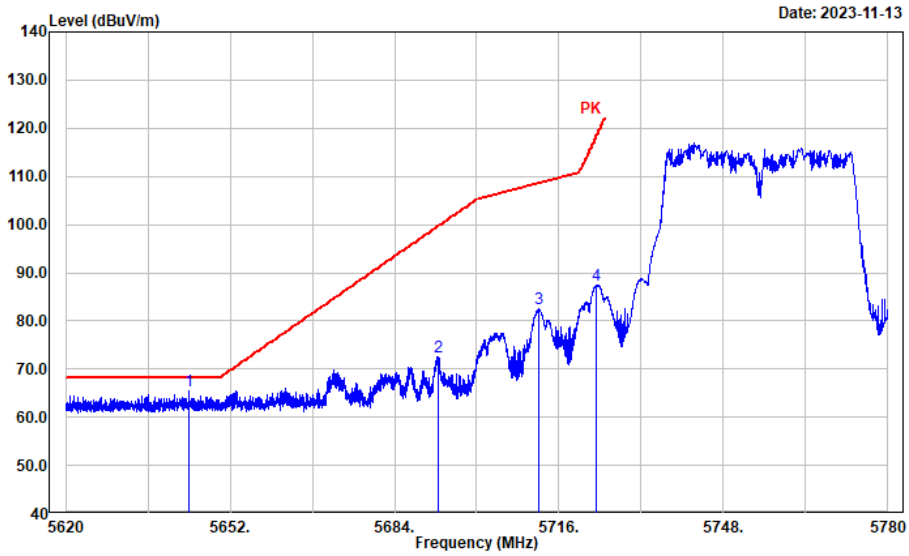


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5641.284	31.10	32.93	64.03	68.20	4.17	Peak
2	5696.751	33.62	33.02	66.64	102.81	36.17	Peak
3	5718.644	39.83	33.03	72.86	110.42	37.56	Peak
4	5722.325	40.36	33.03	73.39	116.10	42.71	Peak

Vertical

5755MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Vertical
Note:

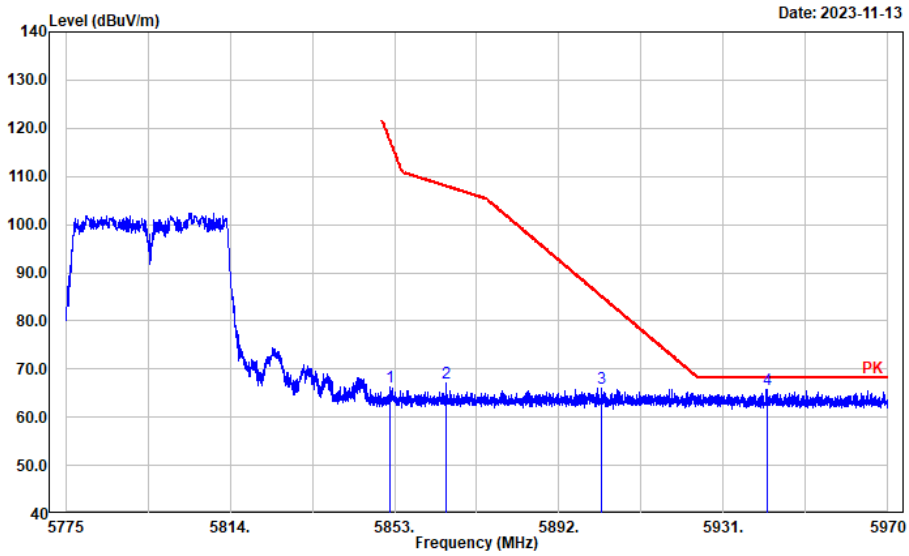


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5643.941	32.43	32.93	65.36	68.20	2.84	Peak
2	5692.559	39.43	33.02	72.45	99.71	27.26	Peak
3	5712.178	49.54	33.03	82.57	108.61	26.04	Peak
4	5723.252	54.38	33.03	87.41	118.22	30.81	Peak

Horizontal

5795MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Horizontal
Note:

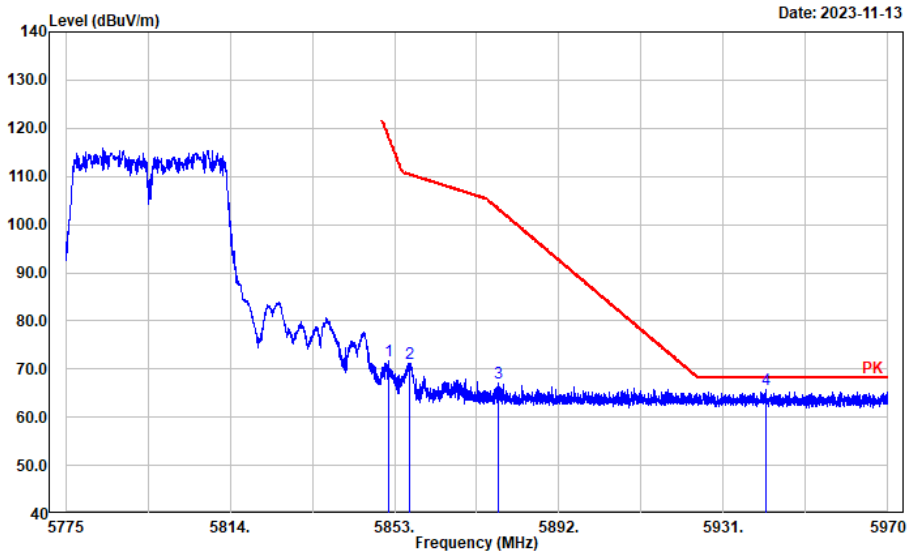


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5852.001	33.05	33.20	66.25	117.64	51.39	Peak
2	5865.264	33.88	33.27	67.15	107.92	40.77	Peak
3	5902.205	32.44	33.47	65.91	85.03	19.12	Peak
4	5941.290	32.40	33.47	65.87	68.20	2.33	Peak

Vertical

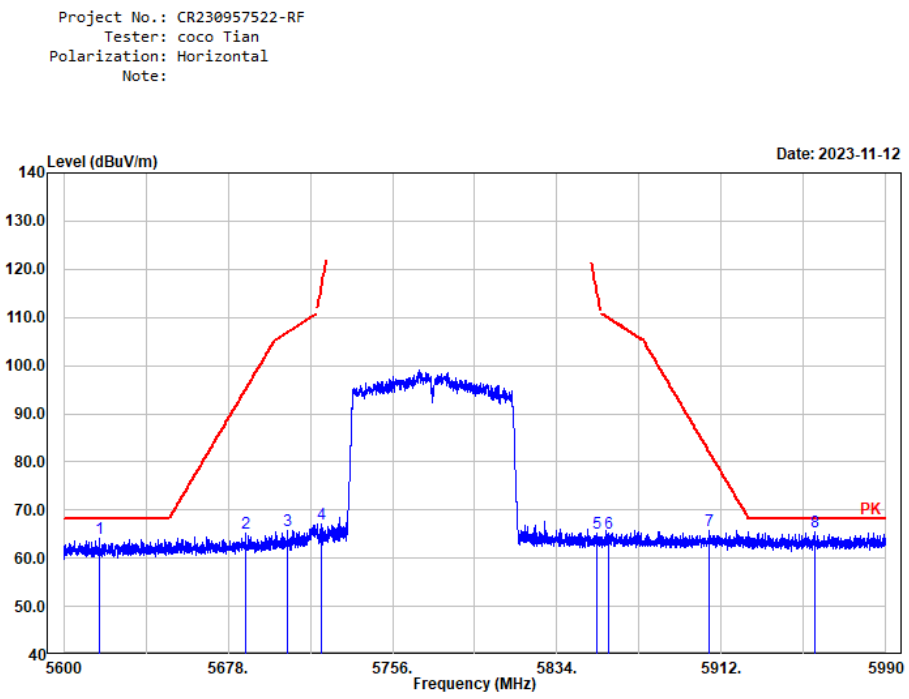
5795MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.611	38.51	33.20	71.71	118.53	46.82	Peak
2	5856.448	37.96	33.23	71.19	110.39	39.20	Peak
3	5877.668	33.68	33.34	67.02	103.22	36.20	Peak
4	5941.095	32.15	33.47	65.62	68.20	2.58	Peak

802.11 ac vht80
Chain 0+1:

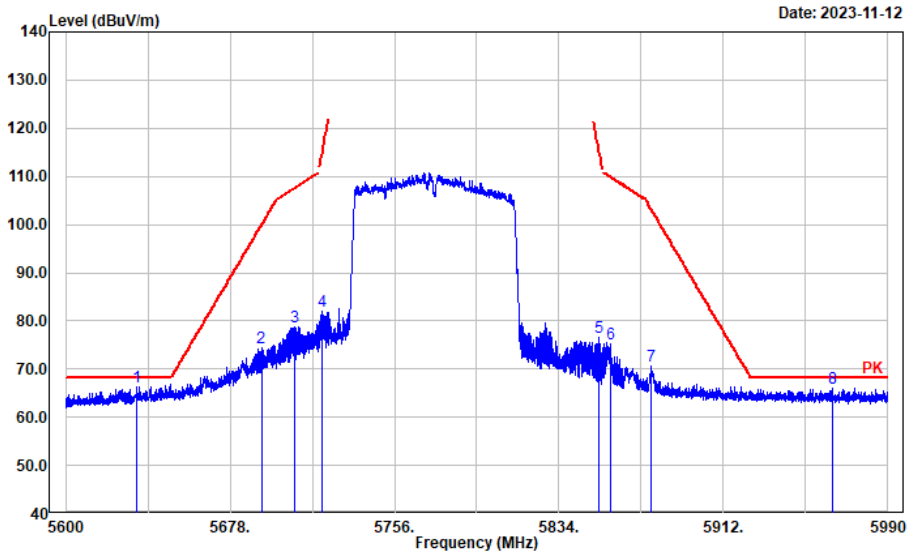
Horizontal	
5775MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5616.773	31.25	32.86	64.11	68.20	4.09	Peak
2	5686.207	32.08	33.01	65.09	95.03	29.94	Peak
3	5706.179	32.80	33.03	65.83	106.93	41.10	Peak
4	5722.406	34.02	33.03	67.05	116.29	49.24	Peak
5	5853.083	32.03	33.20	65.23	115.17	49.94	Peak
6	5858.310	31.95	33.23	65.18	109.87	44.69	Peak
7	5905.977	32.23	33.47	65.70	82.24	16.54	Peak
8	5956.375	32.04	33.48	65.52	68.20	2.68	Peak

Vertical

5775MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:

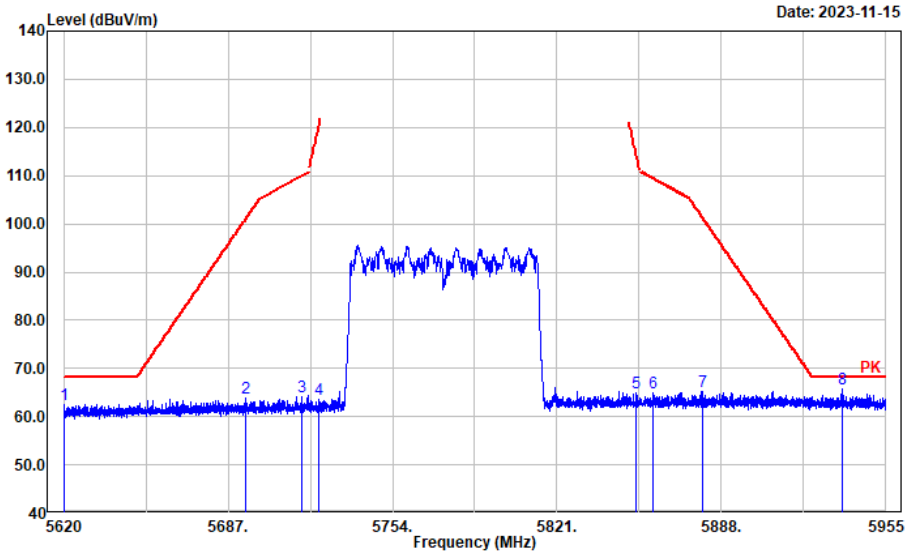


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5633.547	33.42	32.90	66.32	68.20	1.88	Peak
2	5692.838	41.45	33.02	74.47	99.92	25.45	Peak
3	5708.754	45.85	33.03	78.88	107.65	28.77	Peak
4	5721.704	49.07	33.03	82.10	114.69	32.59	Peak
5	5852.849	43.46	33.20	76.66	115.70	39.04	Peak
6	5858.310	41.93	33.23	75.16	109.87	34.71	Peak
7	5877.501	37.35	33.34	70.69	103.34	32.65	Peak
8	5963.709	32.63	33.51	66.14	68.20	2.06	Peak

Chain 0+2:

Horizontal	
5775MHz	

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Horizontal
Note:

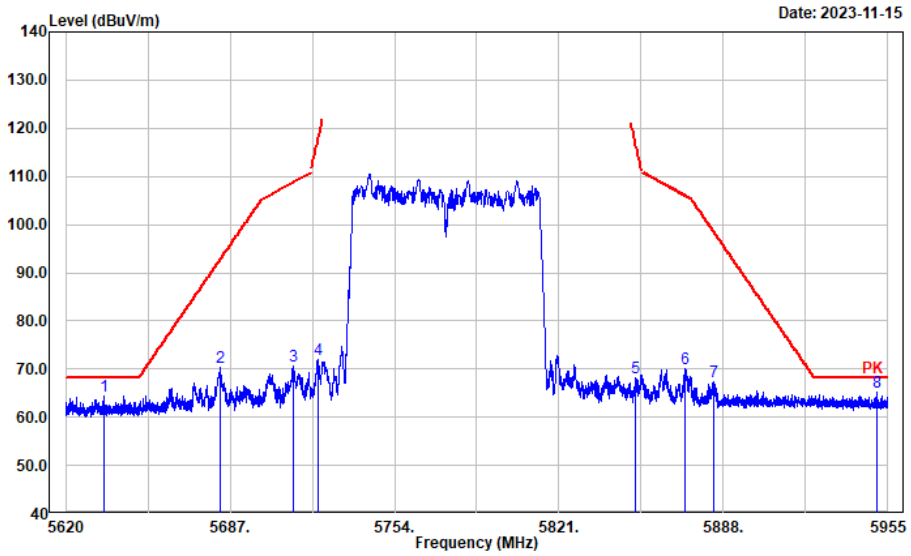


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5620.268	29.73	32.86	62.59	68.20	5.61	Peak
2	5694.318	30.89	33.02	63.91	101.01	37.10	Peak
3	5717.236	31.07	33.03	64.10	110.03	45.93	Peak
4	5724.005	30.55	33.03	63.58	119.93	56.35	Peak
5	5853.005	31.69	33.20	64.89	115.35	50.46	Peak
6	5859.975	31.81	33.25	65.06	109.41	44.35	Peak
7	5880.414	31.92	33.36	65.28	101.18	35.90	Peak
8	5937.442	32.18	33.46	65.64	68.20	2.56	Peak

Vertical

5775MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:

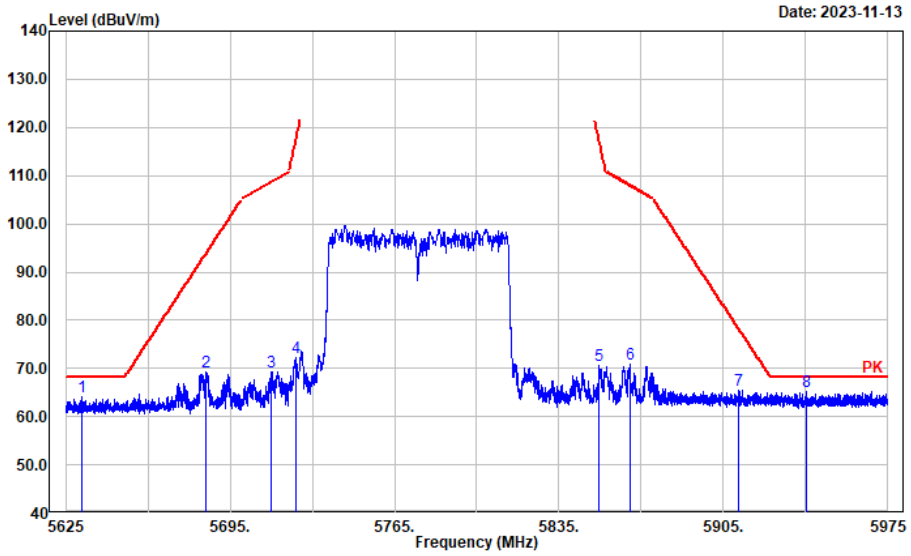


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5635.815	31.49	32.91	64.40	68.20	3.80	Peak
2	5683.060	37.42	33.00	70.42	92.70	22.28	Peak
3	5713.015	37.62	33.03	70.65	108.85	38.20	Peak
4	5722.798	38.86	33.03	71.89	117.18	45.29	Peak
5	5852.202	34.99	33.20	68.19	117.18	48.99	Peak
6	5872.373	36.76	33.32	70.08	105.93	35.85	Peak
7	5884.167	33.91	33.38	67.29	98.39	31.10	Peak
8	5950.644	31.85	33.46	65.31	68.20	2.89	Peak

Chain 1+2:

Horizontal	
5775MHz	

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Horizontal
Note:

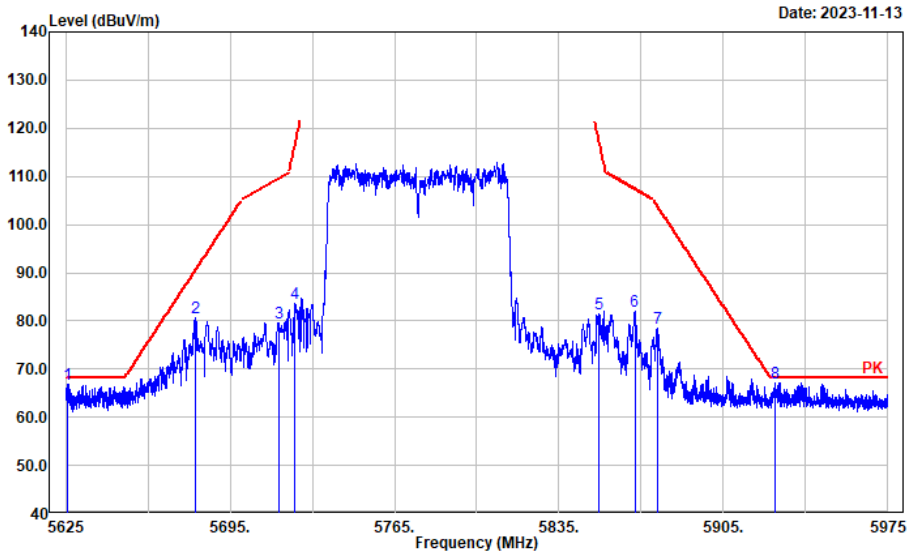


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5631.931	31.15	32.90	64.05	68.20	4.15	Peak
2	5684.932	36.33	33.01	69.34	94.08	24.74	Peak
3	5712.728	36.35	33.03	69.38	108.77	39.39	Peak
4	5723.020	39.22	33.03	72.25	117.69	45.44	Peak
5	5852.195	37.38	33.20	70.58	117.19	46.61	Peak
6	5865.218	37.51	33.27	70.78	107.94	37.16	Peak
7	5911.287	32.03	33.47	65.50	78.32	12.82	Peak
8	5940.273	31.73	33.46	65.19	68.20	3.01	Peak

Vertical

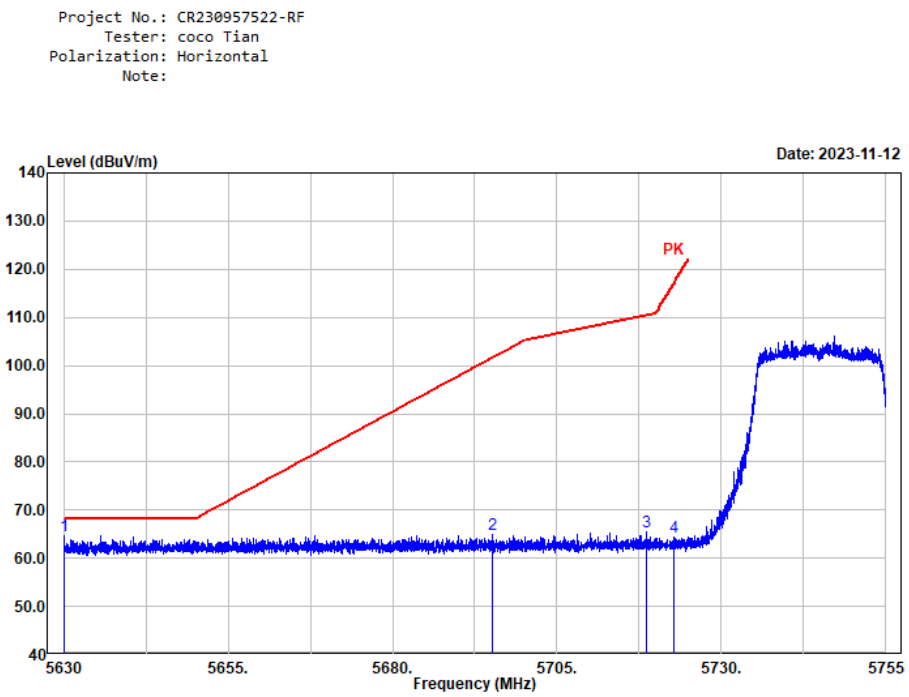
5775MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5625.770	33.92	32.88	66.80	68.20	1.40	Peak
2	5680.101	47.55	33.00	80.55	90.51	9.96	Peak
3	5715.738	46.51	33.03	79.54	109.61	30.07	Peak
4	5722.390	50.67	33.03	83.70	116.25	32.55	Peak
5	5852.125	48.16	33.20	81.36	117.35	35.99	Peak
6	5867.249	48.60	33.29	81.89	107.37	25.48	Peak
7	5876.771	45.07	33.34	78.41	103.88	25.47	Peak
8	5926.900	33.62	33.46	67.08	68.20	1.12	Peak

802.11 ax he20
Chain 0+1:

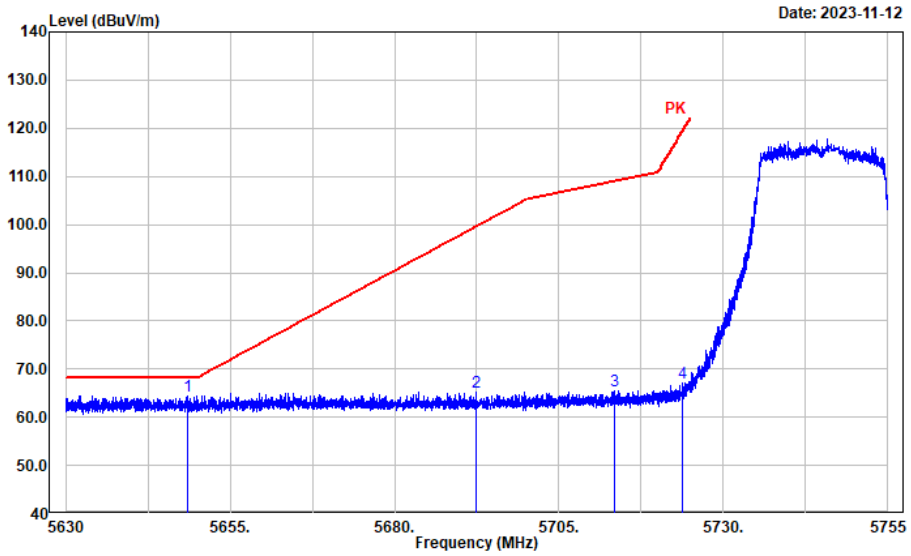
Horizontal	
5745MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5630.050	31.78	32.90	64.68	68.20	3.52	Peak
2	5695.238	31.87	33.02	64.89	101.69	36.80	Peak
3	5718.593	32.50	33.03	65.53	110.41	44.88	Peak
4	5722.818	31.48	33.03	64.51	117.23	52.72	Peak

Vertical

5745MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:

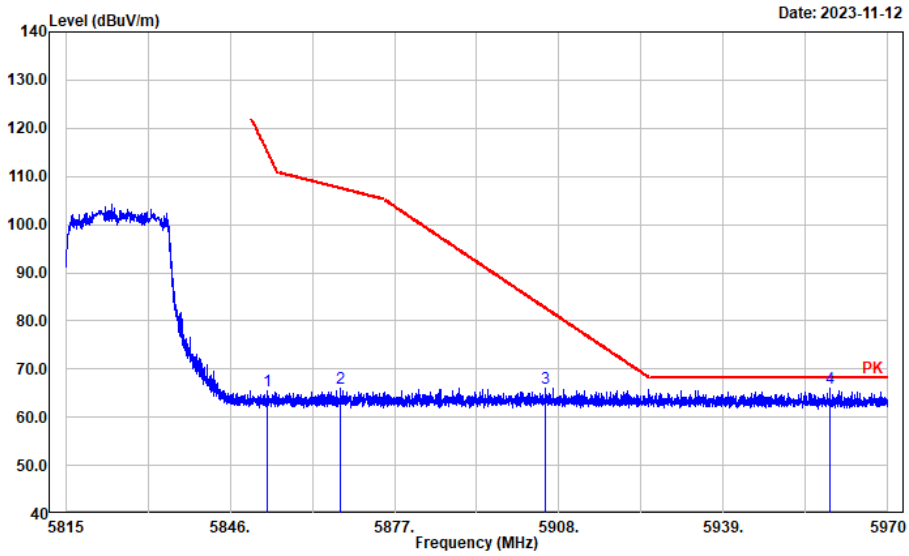


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5648.554	31.32	32.95	64.27	68.20	3.93	Peak
2	5692.337	32.27	33.02	65.29	99.55	34.26	Peak
3	5713.492	32.54	33.03	65.57	108.98	43.41	Peak
4	5723.794	34.13	33.03	67.16	119.45	52.29	Peak

Horizontal

5825MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Horizontal
Note:

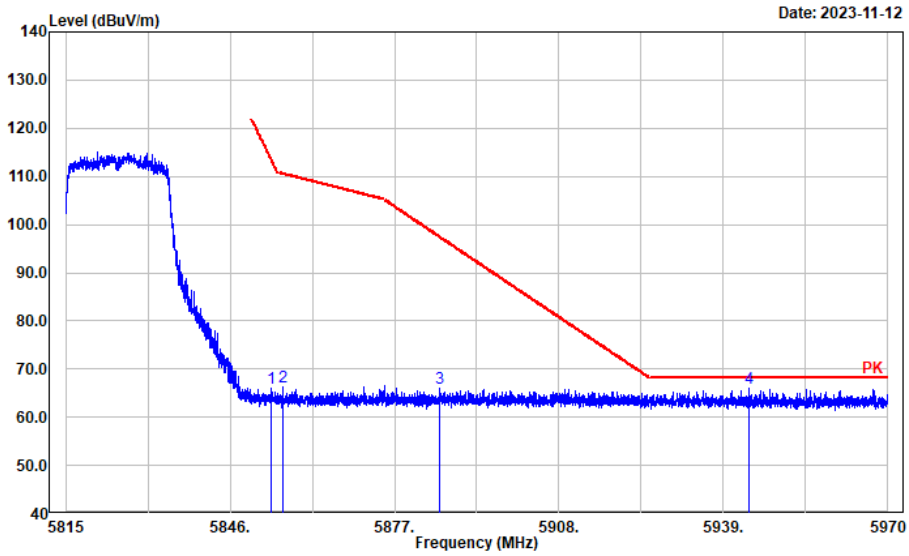


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5852.952	32.20	33.20	65.40	115.47	50.07	Peak
2	5866.812	32.59	33.29	65.88	107.49	41.61	Peak
3	5905.352	32.55	33.47	66.02	82.70	16.68	Peak
4	5959.086	32.41	33.49	65.90	68.20	2.30	Peak

Vertical

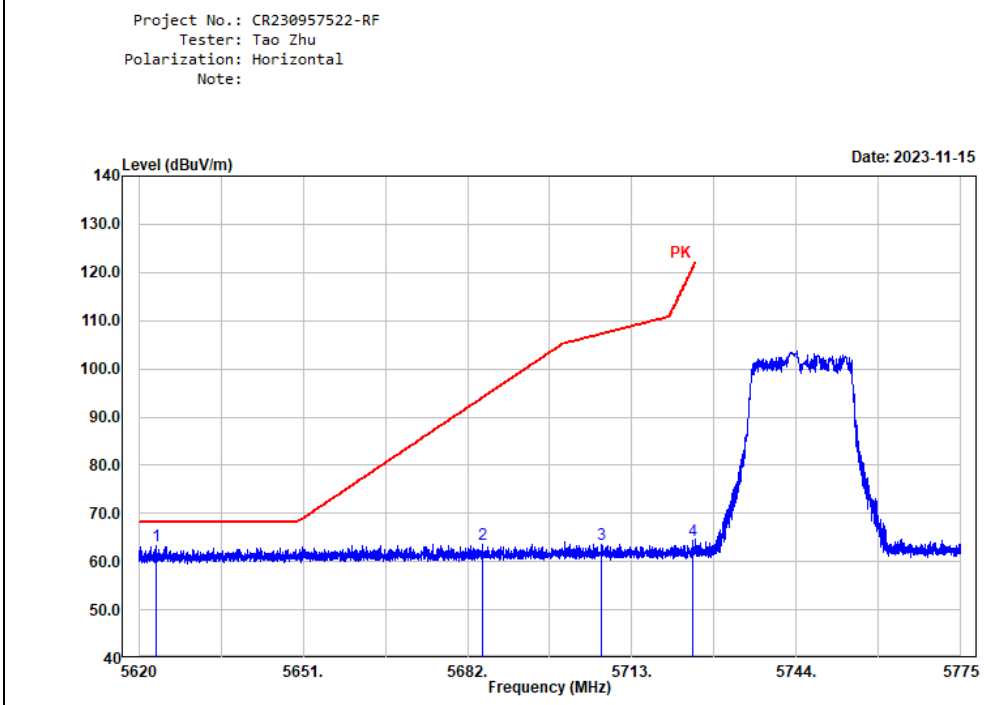
5825MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5853.851	32.86	33.22	66.08	113.42	47.34	Peak
2	5855.897	33.07	33.22	66.29	110.55	44.26	Peak
3	5885.508	32.57	33.39	65.96	97.40	31.44	Peak
4	5943.924	32.64	33.46	66.10	68.20	2.10	Peak

Chain 0+2:

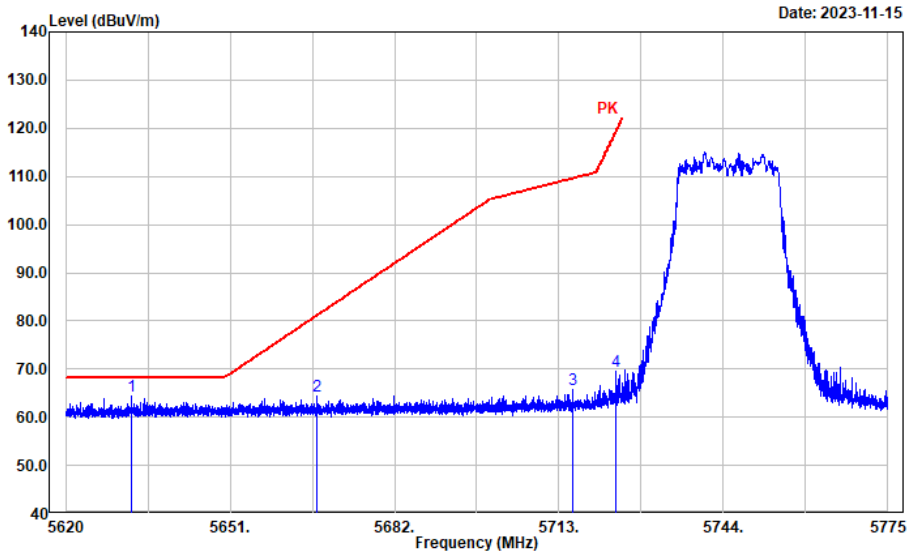
Horizontal	
5745MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5623.318	30.44	32.88	63.32	68.20	4.88	Peak
2	5684.865	30.69	33.01	63.70	94.03	30.33	Peak
3	5707.313	30.67	33.03	63.70	107.25	43.55	Peak
4	5724.491	31.24	33.03	64.27	121.04	56.77	Peak

Vertical

5745MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:

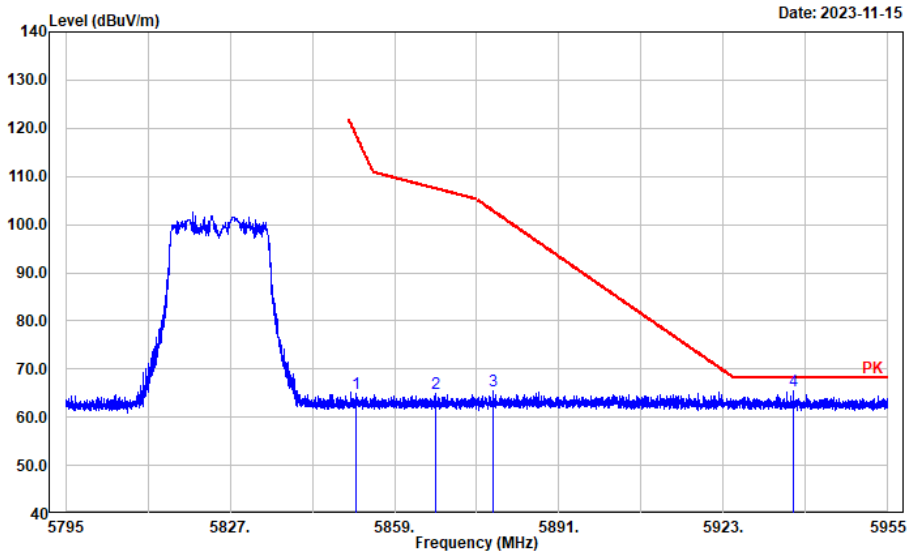


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5632.402	31.55	32.90	64.45	68.20	3.75	Peak
2	5667.347	31.33	32.98	64.31	81.07	16.76	Peak
3	5715.623	32.59	33.03	65.62	109.58	43.96	Peak
4	5723.716	36.43	33.03	69.46	119.27	49.81	Peak

Horizontal

5825MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Horizontal
Note:

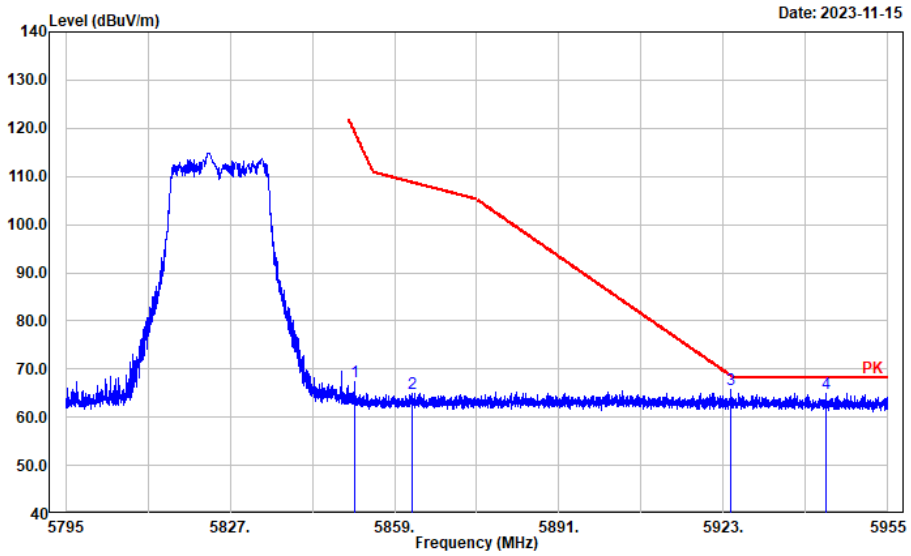


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.459	31.65	33.20	64.85	118.87	54.02	Peak
2	5866.918	31.56	33.29	64.85	107.46	42.61	Peak
3	5878.281	32.09	33.35	65.44	102.76	37.32	Peak
4	5936.660	32.14	33.46	65.60	68.20	2.60	Peak

Vertical

5825MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:

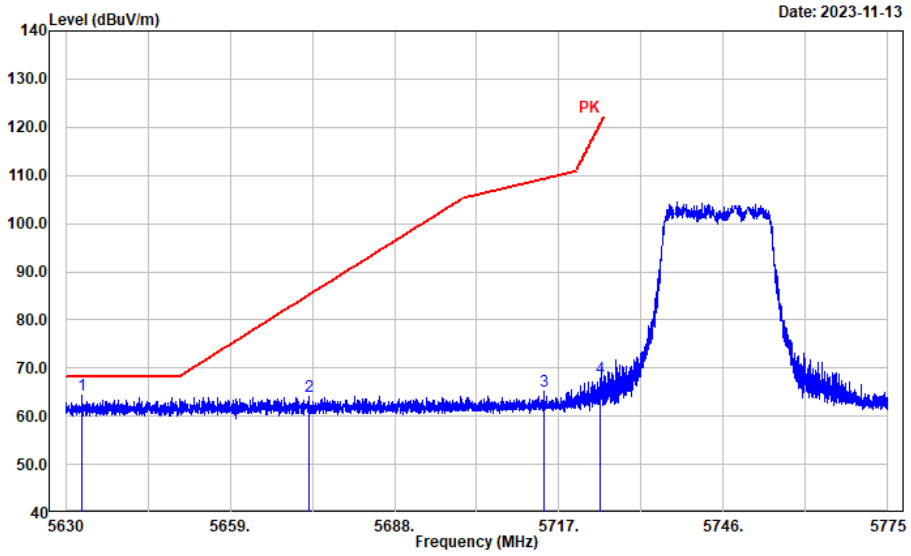


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.299	34.09	33.20	67.29	119.24	51.95	Peak
2	5862.405	31.60	33.26	64.86	108.72	43.86	Peak
3	5924.434	32.36	33.47	65.83	68.62	2.79	Peak
4	5943.030	31.60	33.46	65.06	68.20	3.14	Peak

Chain 1+2:

Horizontal	
5745MHz	

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Horizontal
Note:

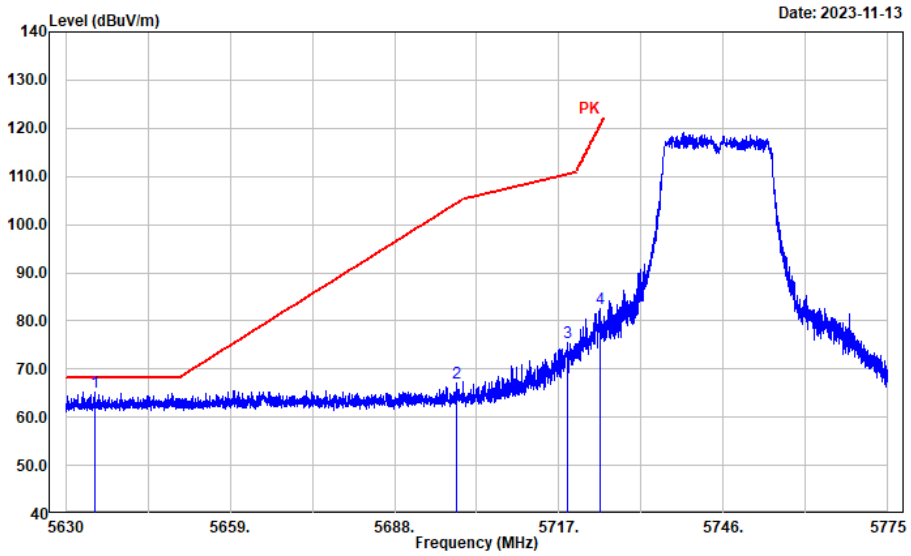


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5632.843	31.57	32.90	64.47	68.20	3.73	Peak
2	5672.813	31.12	32.99	64.11	85.12	21.01	Peak
3	5714.291	32.29	33.03	65.32	109.20	43.88	Peak
4	5724.182	34.78	33.03	67.81	120.33	52.52	Peak

Vertical

5745MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: vertical
Note:

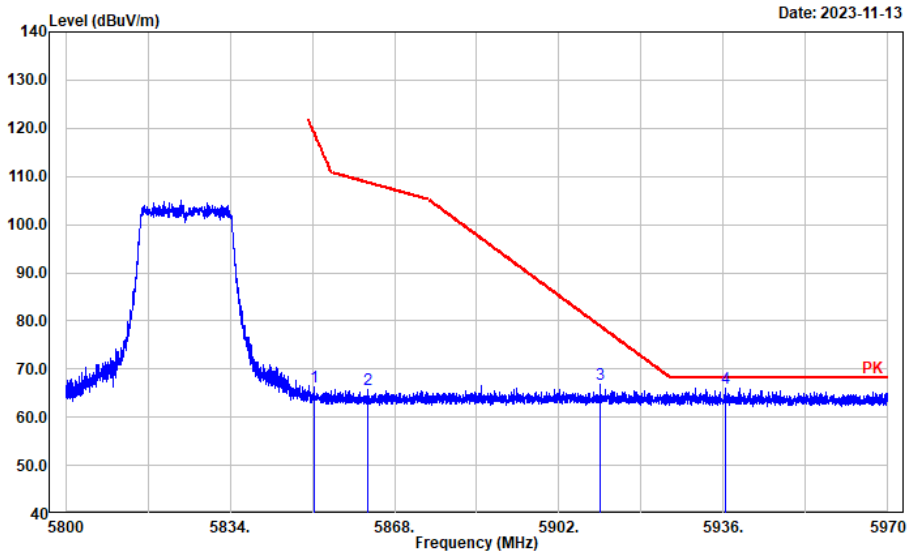


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5635.221	32.20	32.91	65.11	68.20	3.09	Peak
2	5698.860	34.13	33.03	67.16	104.36	37.20	Peak
3	5718.468	42.46	33.03	75.49	110.37	34.88	Peak
4	5724.269	49.48	33.03	82.51	120.53	38.02	Peak

Horizontal

5825MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Horizontal
Note:

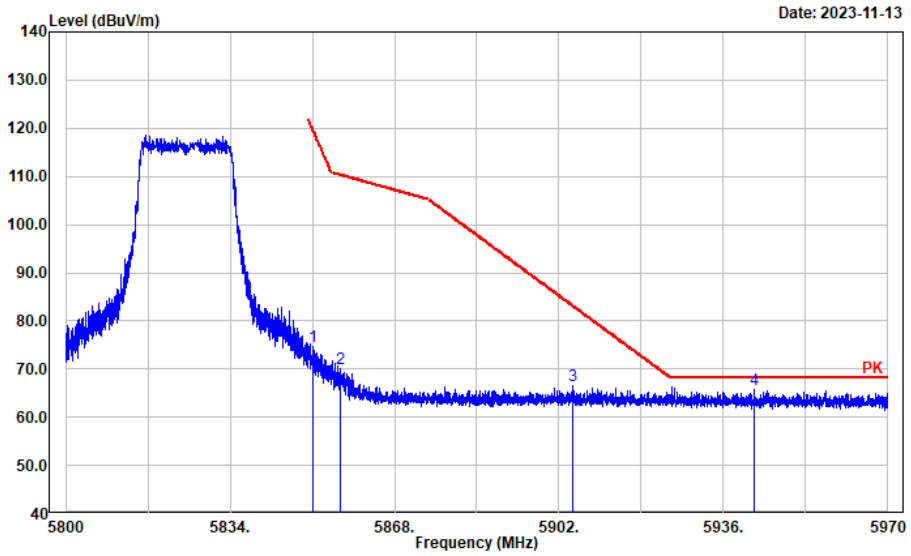


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.384	33.08	33.20	66.28	119.04	52.76	Peak
2	5862.573	32.39	33.26	65.65	108.68	43.03	Peak
3	5910.590	33.23	33.47	66.70	78.83	12.13	Peak
4	5936.503	32.60	33.46	66.06	68.20	2.14	Peak

Vertical

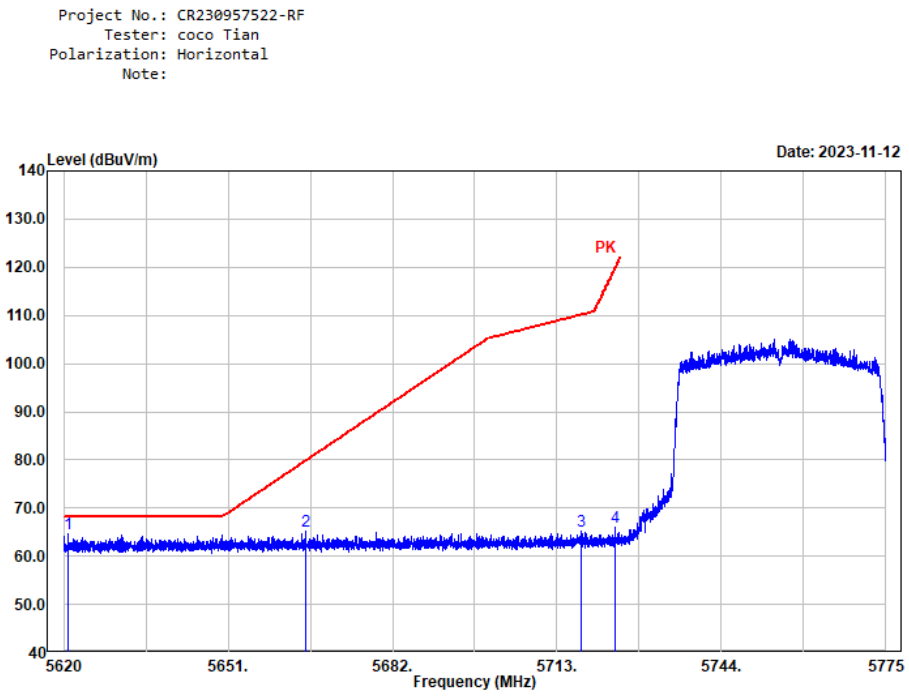
5825MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.112	41.55	33.19	74.74	119.66	44.92	Peak
2	5856.792	36.90	33.23	70.13	110.30	40.17	Peak
3	5904.809	33.00	33.47	66.47	83.10	16.63	Peak
4	5942.387	32.36	33.46	65.82	68.20	2.38	Peak

802.11 ax he40
Chain 0+1:

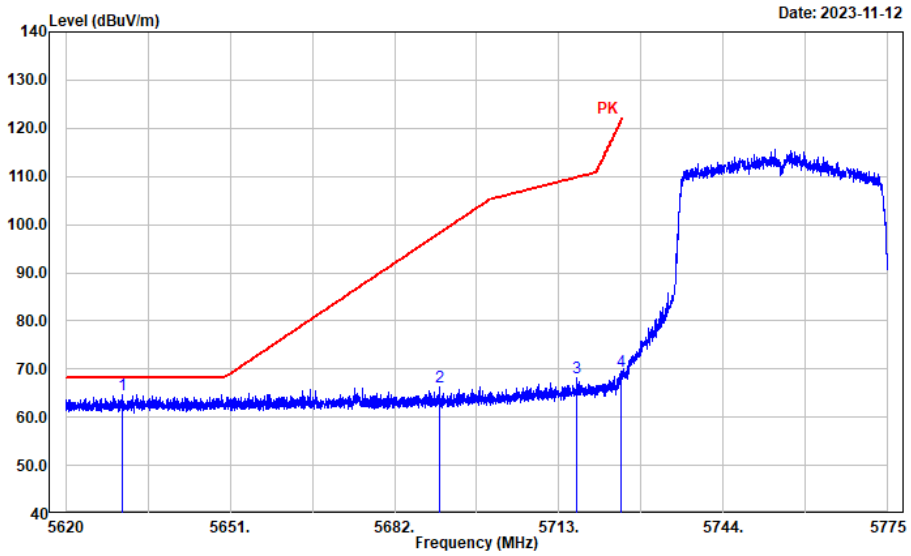
Horizontal	
5755MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5620.806	31.87	32.86	64.73	68.20	3.47	Peak
2	5665.703	32.21	32.98	65.19	79.86	14.67	Peak
3	5717.453	32.05	33.03	65.08	110.09	45.01	Peak
4	5723.964	32.88	33.03	65.91	119.84	53.93	Peak

Vertical

5755MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:

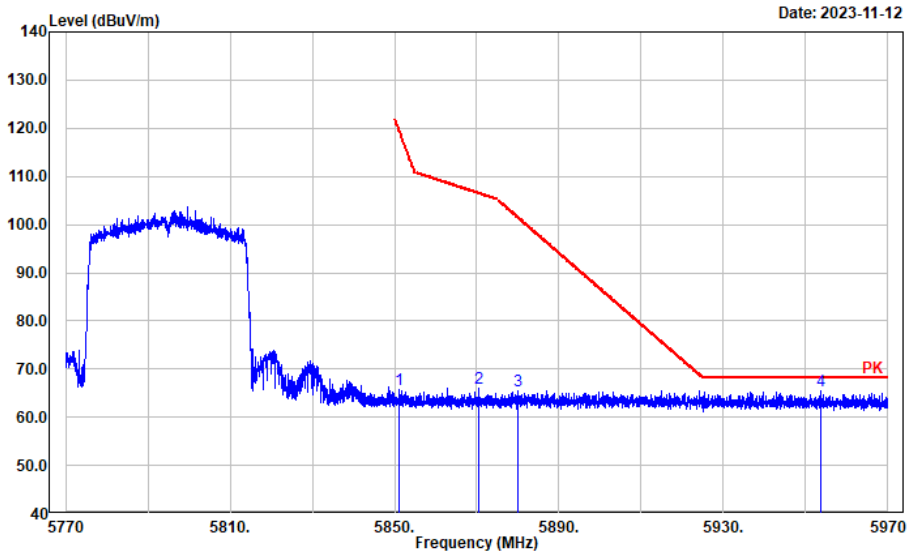


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5630.604	31.88	32.90	64.78	68.20	3.42	Peak
2	5690.384	33.16	33.01	66.17	98.11	31.94	Peak
3	5716.243	35.20	33.03	68.23	109.75	41.52	Peak
4	5724.584	36.49	33.03	69.52	121.25	51.73	Peak

Horizontal

5795MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Horizontal
Note:

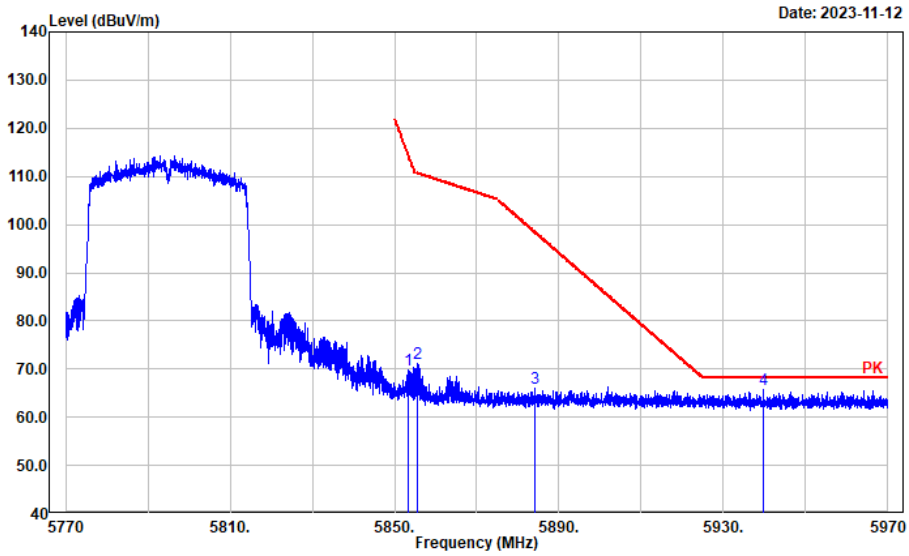


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.256	32.62	33.20	65.82	119.33	53.51	Peak
2	5870.340	32.66	33.30	65.96	106.50	40.54	Peak
3	5880.022	32.24	33.36	65.60	101.47	35.87	Peak
4	5953.677	32.03	33.48	65.51	68.20	2.69	Peak

Vertical

5795MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:

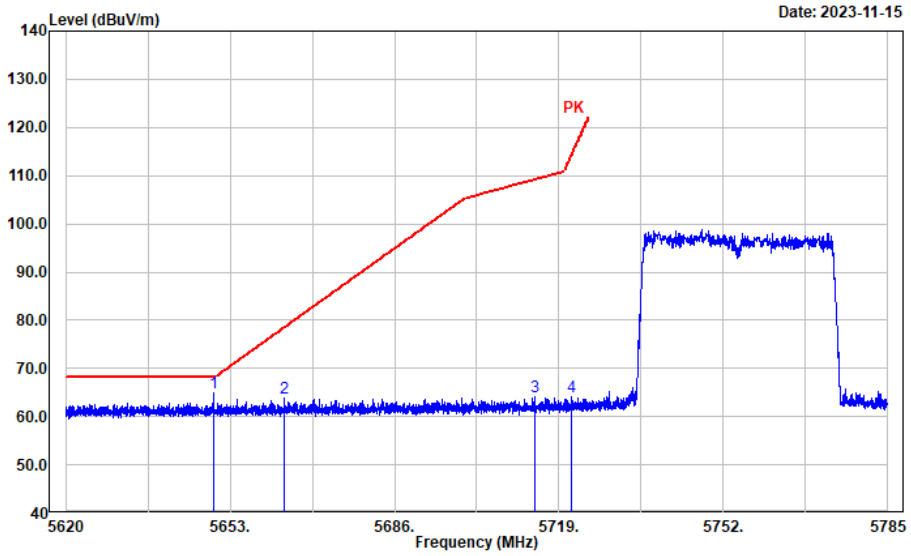


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5853.257	36.70	33.21	69.91	114.77	44.86	Peak
2	5855.617	37.92	33.22	71.14	110.63	39.49	Peak
3	5884.223	32.53	33.38	65.91	98.35	32.44	Peak
4	5939.794	32.28	33.46	65.74	68.20	2.46	Peak

Chain 0+2:

Horizontal	
5755MHz	

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Horizontal
Note:

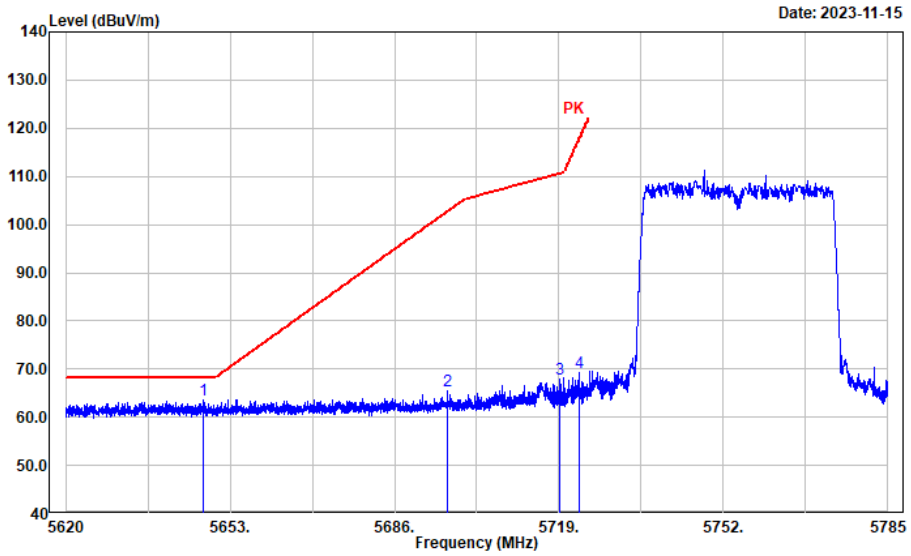


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5649.607	31.85	32.95	64.80	68.20	3.40	Peak
2	5663.866	30.99	32.97	63.96	78.49	14.53	Peak
3	5714.234	30.97	33.03	64.00	109.19	45.19	Peak
4	5721.462	31.20	33.03	64.23	114.14	49.91	Peak

Vertical

5755MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:

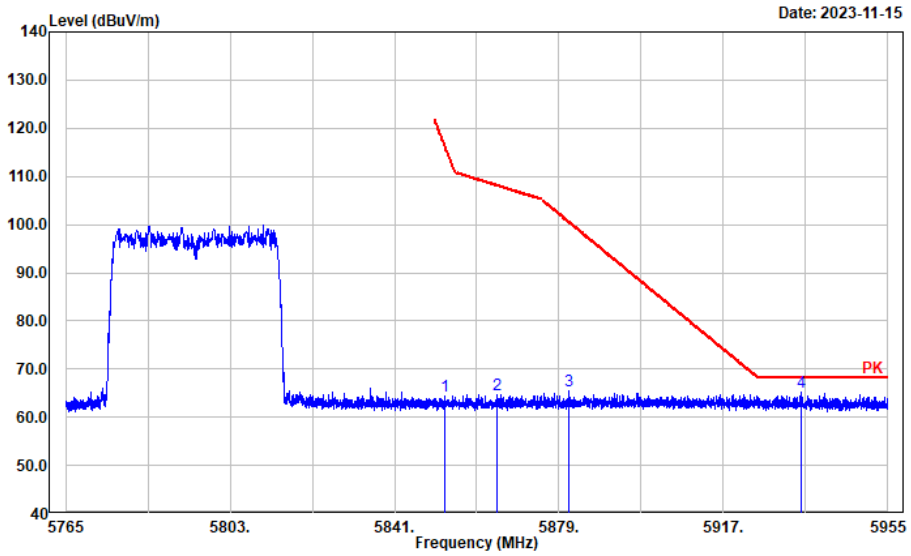


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5647.660	30.69	32.95	63.64	68.20	4.56	Peak
2	5696.575	32.39	33.02	65.41	102.68	37.27	Peak
3	5719.053	34.80	33.03	67.83	110.54	42.71	Peak
4	5723.113	36.28	33.03	69.31	117.90	48.59	Peak

Horizontal

5795MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Horizontal
Note:

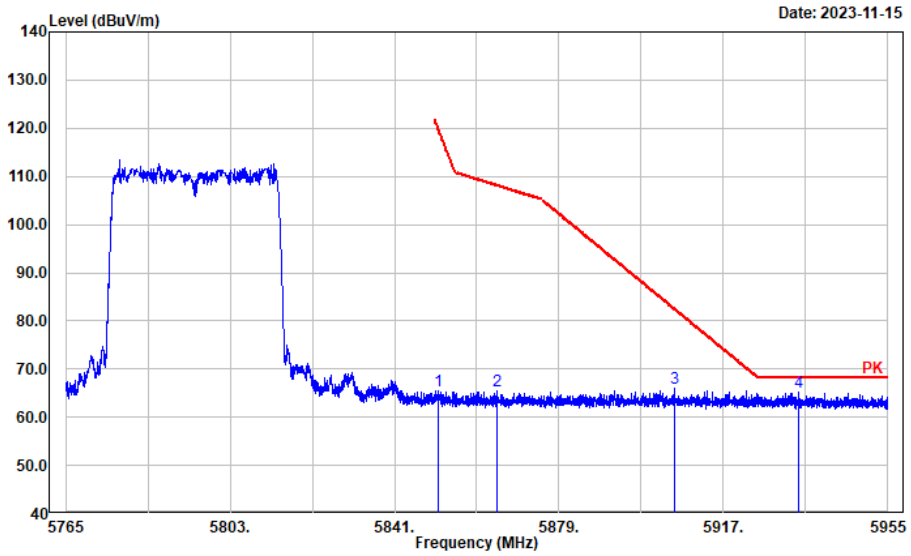


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5852.569	31.30	33.20	64.50	116.34	51.84	Peak
2	5864.694	31.50	33.27	64.77	108.08	43.31	Peak
3	5881.417	32.15	33.37	65.52	100.43	34.91	Peak
4	5934.856	31.83	33.47	65.30	68.20	2.90	Peak

Vertical

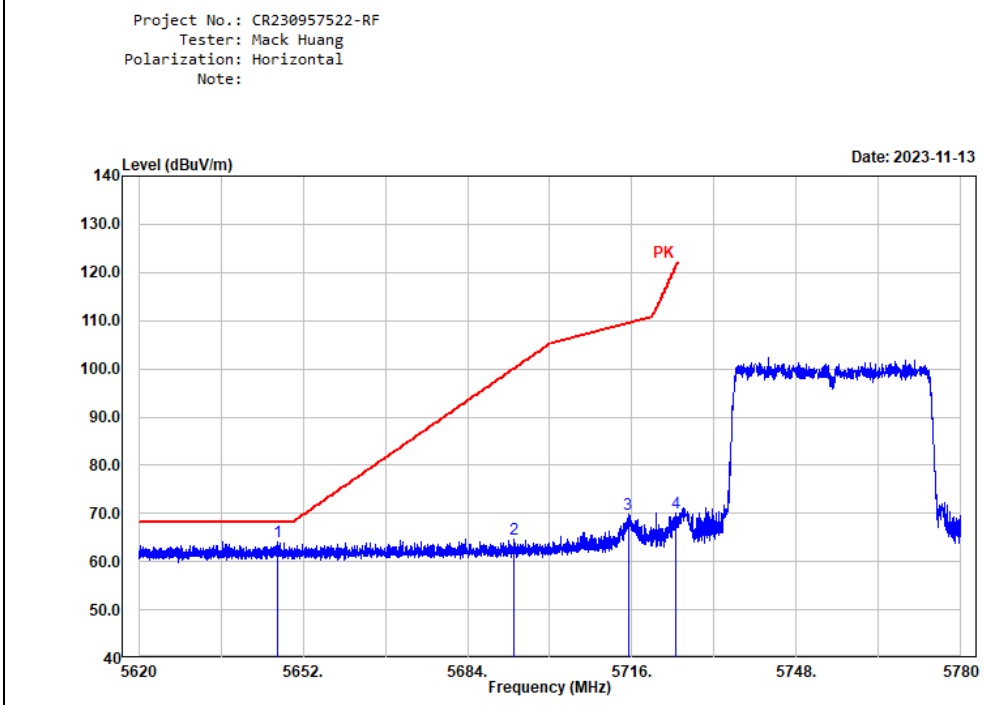
5795MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5851.049	32.28	33.19	65.47	119.81	54.34	Peak
2	5864.808	32.12	33.27	65.39	108.05	42.66	Peak
3	5905.666	32.67	33.47	66.14	82.47	16.33	Peak
4	5934.476	31.82	33.47	65.29	68.20	2.91	Peak

Chain 1+2:

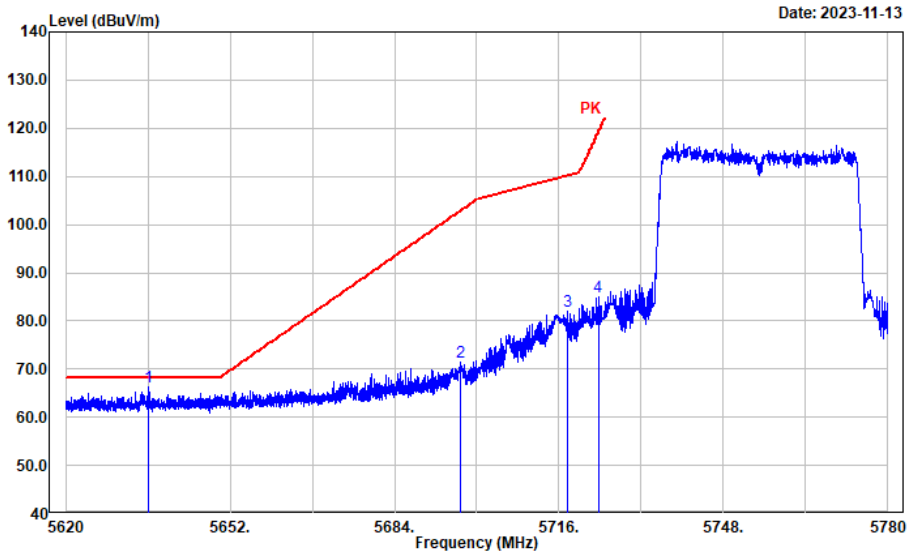
Horizontal	
5755MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5647.109	31.09	32.95	64.04	68.20	4.16	Peak
2	5693.007	31.75	33.02	64.77	100.04	35.27	Peak
3	5715.251	36.68	33.03	69.71	109.47	39.76	Peak
4	5724.405	36.93	33.03	69.96	120.84	50.88	Peak

Vertical

5755MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Vertical
Note:

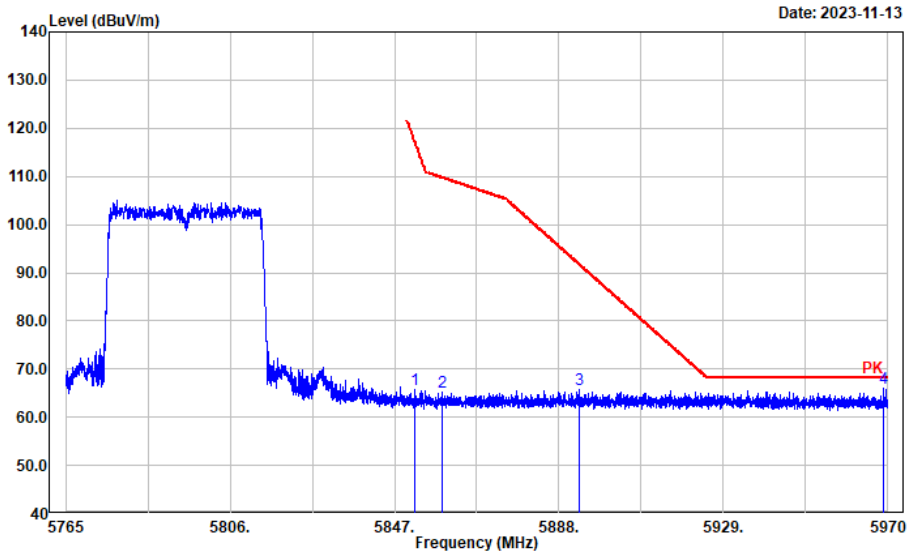


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5636.003	33.38	32.91	66.29	68.20	1.91	Peak
2	5696.879	38.31	33.03	71.34	102.90	31.56	Peak
3	5717.620	48.94	33.03	81.97	110.13	28.16	Peak
4	5723.637	51.93	33.03	84.96	119.09	34.13	Peak

Horizontal

5795MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Horizontal
Note:

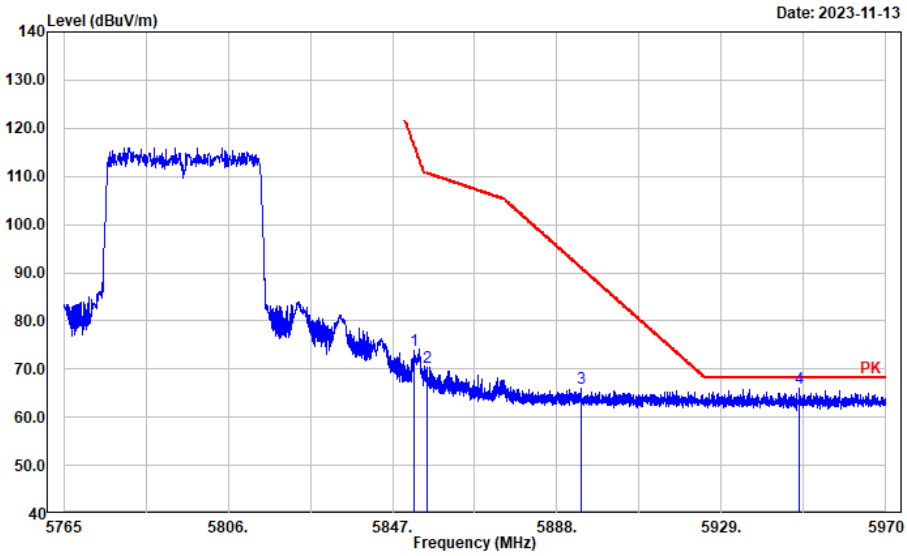


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5852.061	32.57	33.20	65.77	117.50	51.73	Peak
2	5858.868	31.92	33.24	65.16	109.72	44.56	Peak
3	5893.191	32.25	33.43	65.68	91.70	26.02	Peak
4	5968.893	32.48	33.53	66.01	68.20	2.19	Peak

Vertical

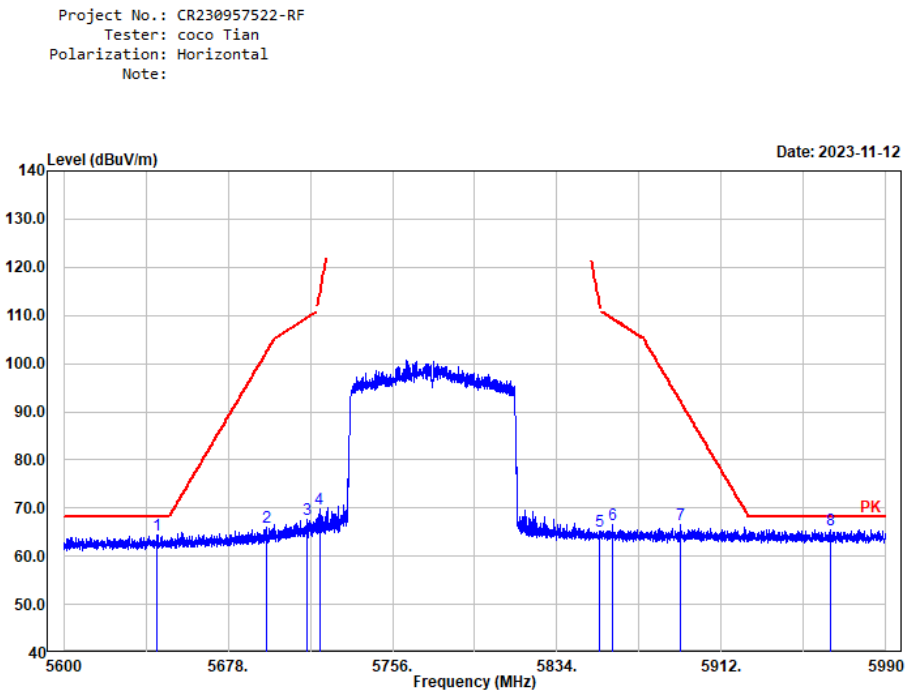
5795MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5852.430	40.72	33.20	73.92	116.66	42.74	Peak
2	5855.710	37.24	33.22	70.46	110.60	40.14	Peak
3	5894.094	32.45	33.44	65.89	91.03	25.14	Peak
4	5948.389	32.50	33.46	65.96	68.20	2.24	Peak

802.11 ax he80
Chain 0+1:

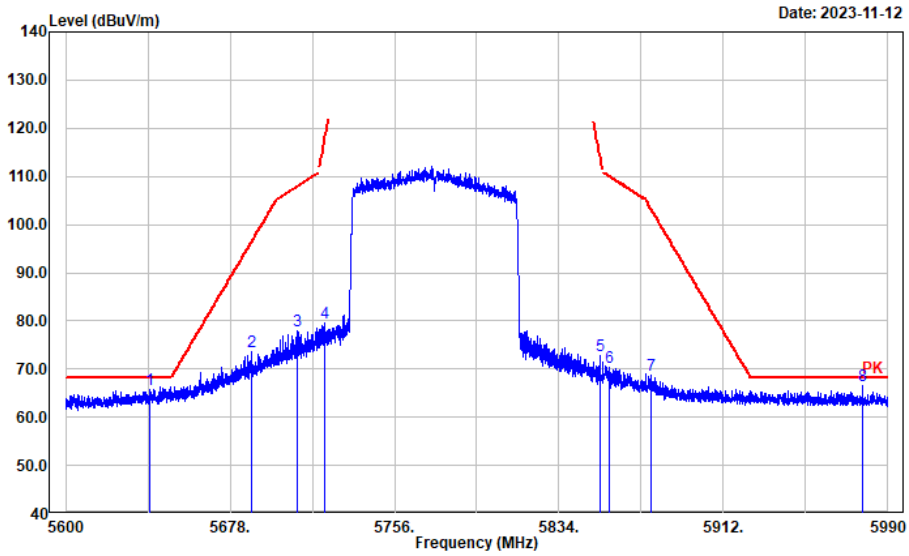
Horizontal	
5775MHz	

No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5644.079	31.54	32.93	64.47	68.20	3.73	Peak
2	5696.349	33.12	33.02	66.14	102.51	36.37	Peak
3	5715.463	34.49	33.03	67.52	109.53	42.01	Peak
4	5721.314	36.75	33.03	69.78	113.80	44.02	Peak
5	5853.941	31.88	33.22	65.10	113.21	48.11	Peak
6	5860.416	33.43	33.25	66.68	109.28	42.60	Peak
7	5892.792	33.19	33.43	66.62	92.00	25.38	Peak
8	5964.021	31.93	33.51	65.44	68.20	2.76	Peak

Vertical

5775MHz

Project No.: CR230957522-RF
Tester: coco Tian
Polarization: Vertical
Note:

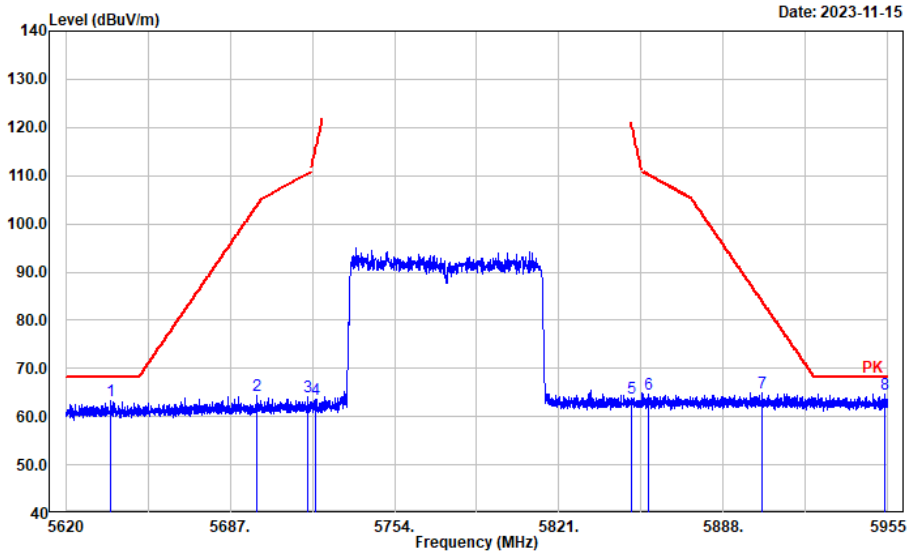


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5639.710	32.87	32.92	65.79	68.20	2.41	Peak
2	5688.158	40.65	33.01	73.66	96.47	22.81	Peak
3	5710.080	44.89	33.03	77.92	108.02	30.10	Peak
4	5722.641	46.60	33.03	79.63	116.82	37.19	Peak
5	5853.239	39.51	33.21	72.72	114.81	42.09	Peak
6	5857.842	37.06	33.23	70.29	110.00	39.71	Peak
7	5877.970	35.32	33.34	68.66	102.99	34.33	Peak
8	5977.986	32.87	33.56	66.43	68.20	1.77	Peak

Chain 0+2:

Horizontal	
5775MHz	

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Horizontal
Note:

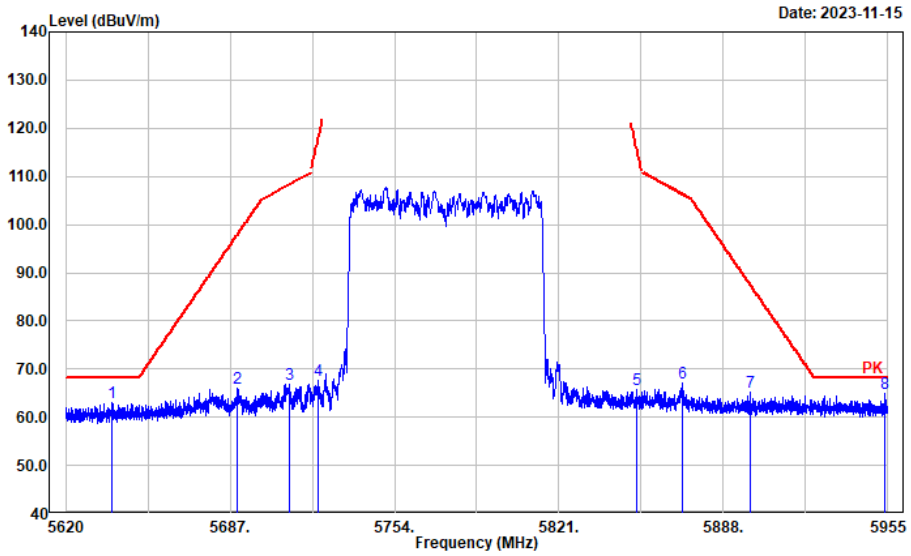


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5638.429	30.47	32.92	63.39	68.20	4.81	Peak
2	5697.668	31.38	33.03	64.41	103.48	39.07	Peak
3	5718.711	30.97	33.03	64.00	110.44	46.44	Peak
4	5721.727	30.55	33.03	63.58	114.74	51.16	Peak
5	5850.325	30.78	33.19	63.97	121.46	57.49	Peak
6	5857.361	31.51	33.23	64.74	110.14	45.40	Peak
7	5903.534	31.55	33.47	65.02	84.05	19.03	Peak
8	5953.794	31.31	33.48	64.79	68.20	3.41	Peak

Vertical

5775MHz

Project No.: CR230957522-RF
Tester: Tao Zhu
Polarization: Vertical
Note:

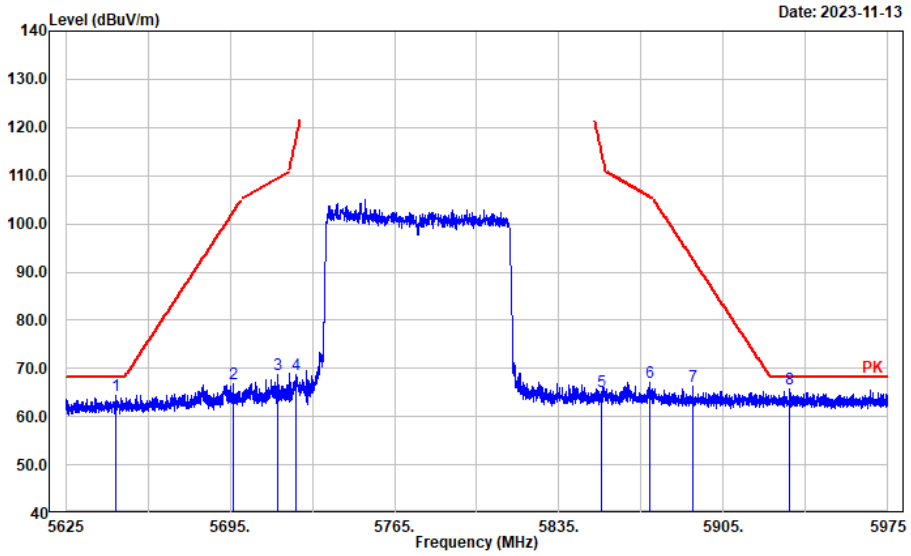


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5638.965	30.09	32.92	63.01	68.20	5.19	Peak
2	5689.962	33.01	33.01	66.02	97.80	31.78	Peak
3	5711.138	33.80	33.03	66.83	108.32	41.49	Peak
4	5723.066	34.59	33.03	67.62	117.79	50.17	Peak
5	5852.805	32.52	33.20	65.72	115.80	50.08	Peak
6	5871.233	33.84	33.30	67.14	106.25	39.11	Peak
7	5898.977	31.61	33.47	65.08	87.42	22.34	Peak
8	5953.861	31.55	33.48	65.03	68.20	3.17	Peak

Chain 1+2:

Horizontal	
5775MHz	

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Horizontal
Note:

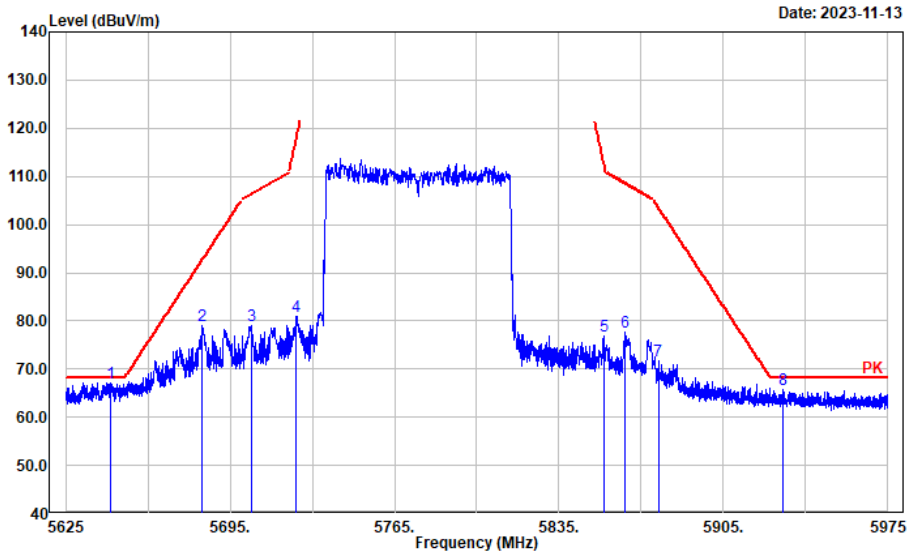


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5646.494	31.41	32.94	64.35	68.20	3.85	Peak
2	5696.625	33.87	33.02	66.89	102.71	35.82	Peak
3	5715.248	35.60	33.03	68.63	109.47	40.84	Peak
4	5722.950	35.57	33.03	68.60	117.53	48.93	Peak
5	5853.036	32.02	33.20	65.22	115.28	50.06	Peak
6	5873.479	33.85	33.32	67.17	105.63	38.46	Peak
7	5891.823	32.83	33.43	66.26	92.72	26.46	Peak
8	5933.342	32.28	33.46	65.74	68.20	2.46	Peak

Vertical

5775MHz

Project No.: CR230957522-RF
Tester: Mack Huang
Polarization: Vertical
Note:



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	5643.904	34.30	32.93	67.23	68.20	0.97	Peak
2	5683.112	46.06	33.00	79.06	92.74	13.68	Peak
3	5703.906	46.12	33.03	79.15	106.30	27.15	Peak
4	5723.229	47.97	33.03	81.00	118.16	37.16	Peak
5	5853.946	43.59	33.22	76.81	113.20	36.39	Peak
6	5863.118	44.31	33.26	77.57	108.52	30.95	Peak
7	5877.260	38.49	33.34	71.83	103.52	31.69	Peak
8	5930.541	32.25	33.47	65.72	68.20	2.48	Peak

4.3 Emission Bandwidth:

Serial Number:	2BVX-1	Test Date:	2023/11/21~2023/11/23
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jou Zhou	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	25.3~26.4	Relative Humidity: (%)	34~45	ATM Pressure: (kPa)	101~101.3

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101943	2023/3/31	2024/3/30
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A
Mini-Circuits	DC Block	BLK-18-S+	1554403	Each time	N/A

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

5150-5250 MHz:

Test Modes	Test Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
802.11a	5180	28.36	17.25
	5200	29.88	17.41
	5240	20.56	17.01
802.11n ht20	5180	30.59	18.36
	5200	31.2	18.52
	5240	20.97	18.04
802.11n ht40	5190	54.76	37.52
	5230	41.33	36.89
802.11ac vht20	5180	22.49	18.04
	5200	22.29	17.96
	5240	20.77	17.96
802.11ac vht40	5190	41.68	37.05
	5230	41.53	37.21
802.11ac vht80	5210	81.04	76.01
802.11ax he20	5180	23.1	19.16
	5200	23.5	19.16
	5240	20.16	19.08
802.11ax he40	5190	40.12	38.16
	5230	40.12	38.16
802.11ax he80	5210	81.33	77.60
Note: Test only was performed at Chain 2. The 99% Occupied Bandwidth have not fall into the band 5250-5350MHz, please refer to the test plots of 99% Occupied Bandwidth.			

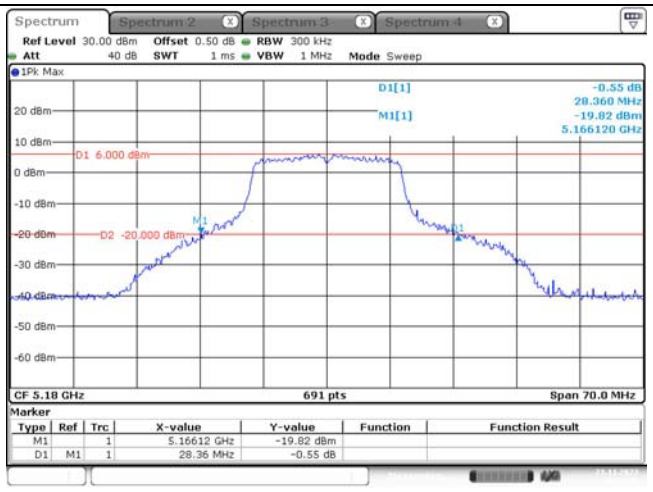
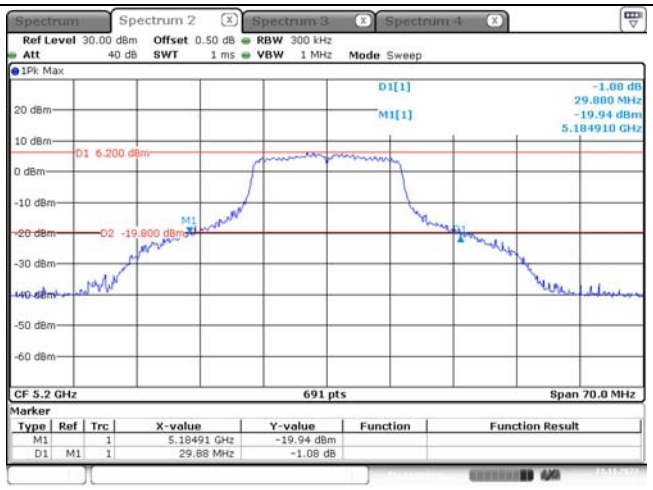
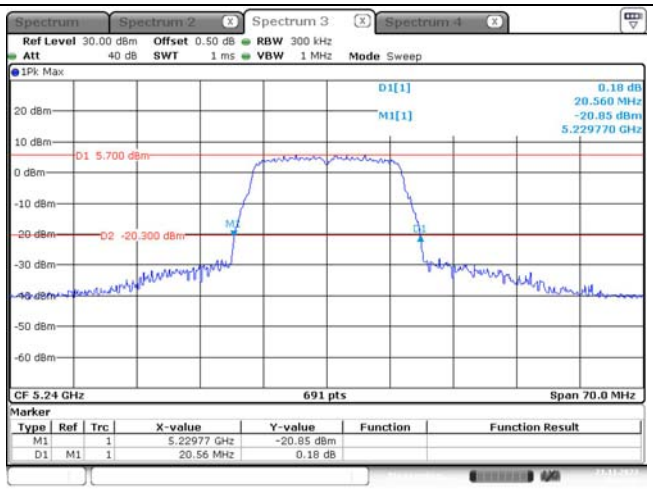
5250-5350 MHz:

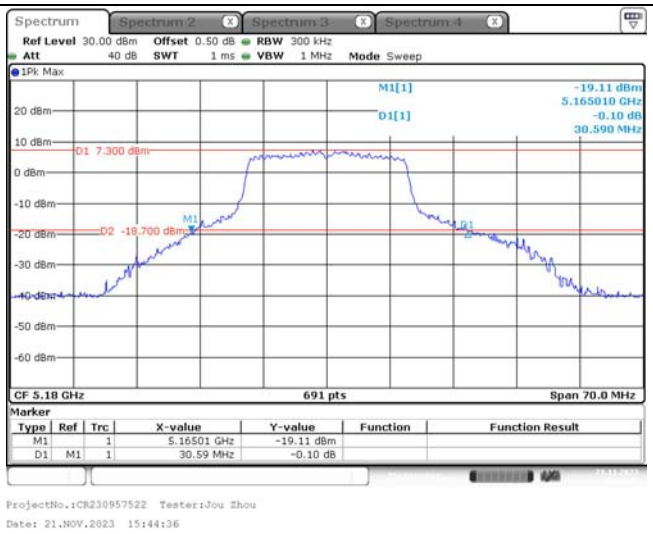
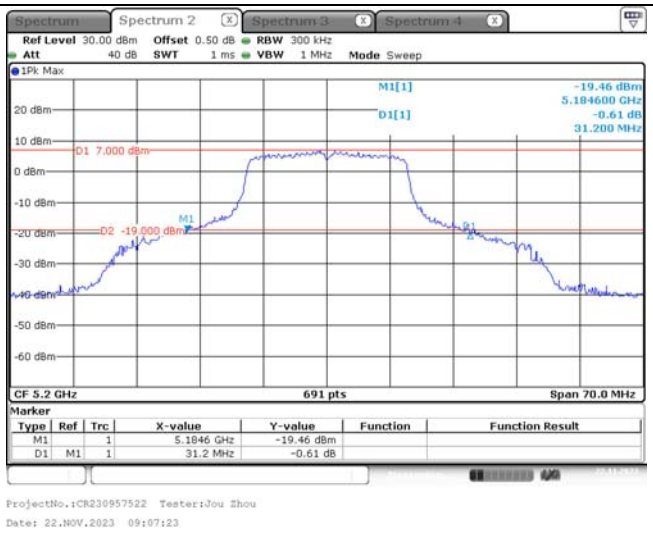
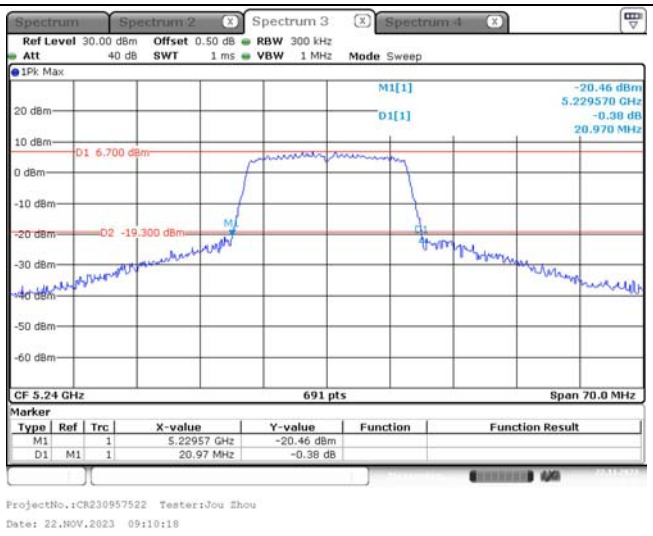
Test Modes	Test Frequency (MHz)	26 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
802.11a	5260	21.78	16.85
	5280	21.88	16.85
	5320	29.68	17.33
802.11n ht20	5260	22.29	17.96
	5280	22.49	17.96
	5320	30.49	18.36
802.11n ht40	5270	41.33	36.89
	5310	51.58	37.52
802.11ac vht20	5260	22.49	18.04
	5280	22.39	17.96
	5320	22.49	17.96
802.11ac vht40	5270	41.51	37.05
	5310	41.16	37.05
802.11ac vht80	5290	81.19	76.33
802.11ax he20	5260	23.2	19.24
	5280	22.69	19.24
	5320	23.2	19.16
802.11ax he40	5270	40.12	38.16
	5310	40.12	38.16
802.11ax he80	5290	81.33	77.60
802.11ac vht160	5250	165.56	155.85
802.11ax he160	5250	165.56	157.13
Note: Test only was performed at Chain 2.			

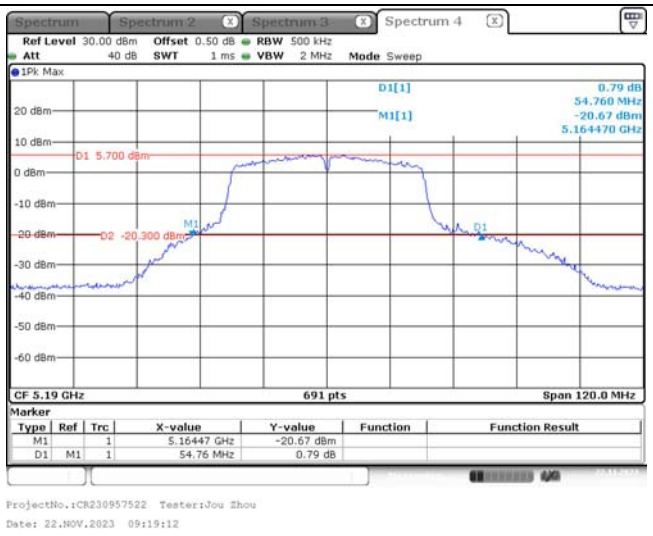
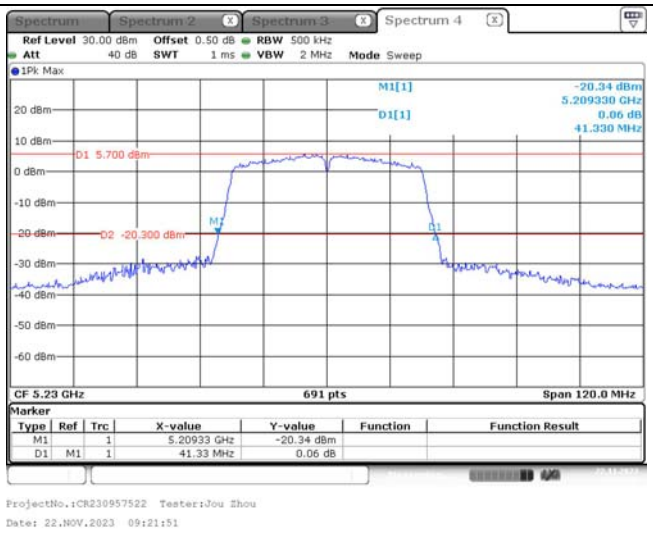
5725-5850 MHz:

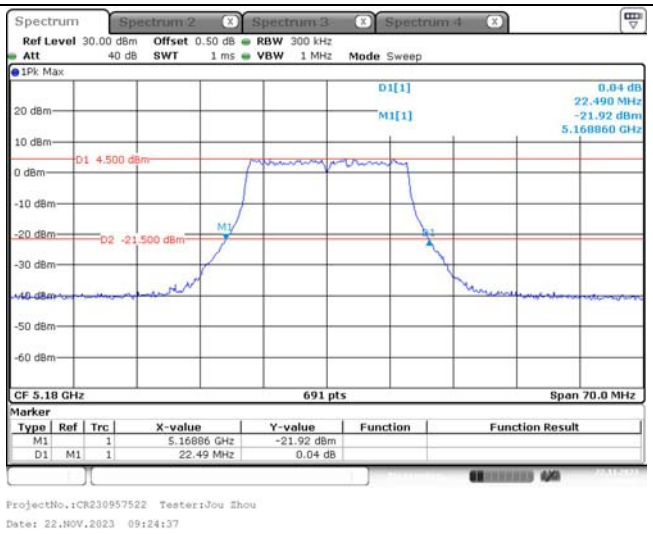
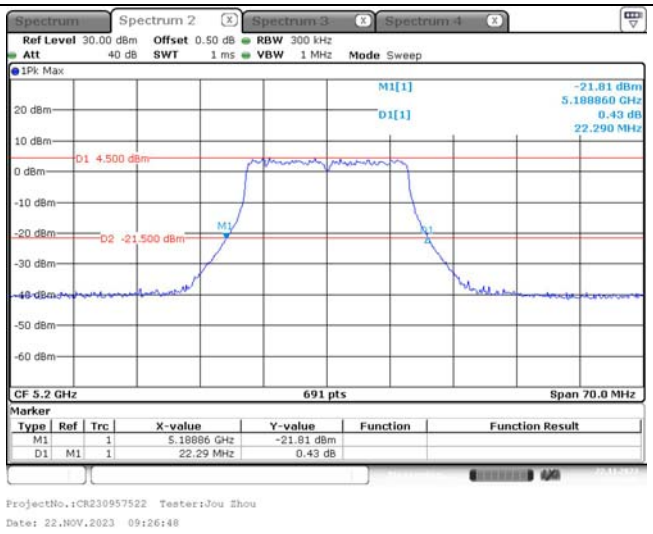
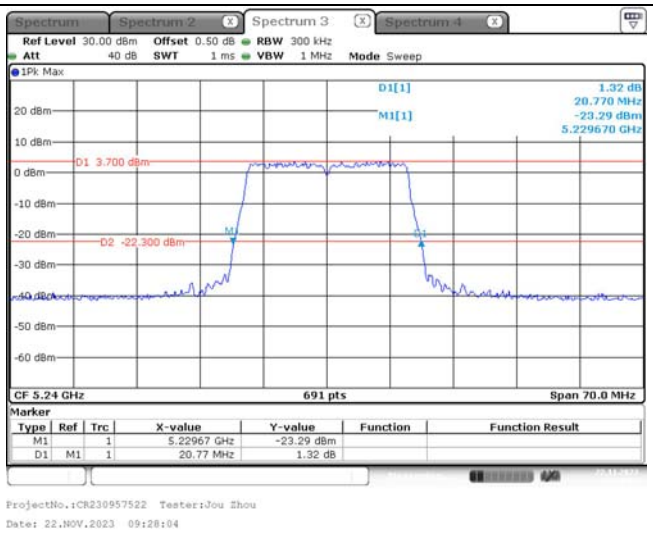
Test Modes	Test Frequency (MHz)	6 dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
802.11a	5745	16.32	17.09
	5785	16.40	16.85
	5825	16.40	17.17
802.11n ht20	5745	17.60	18.20
	5785	17.60	17.96
	5825	17.52	18.28
802.11n ht40	5755	35.36	37.37
	5795	35.68	37.05
802.11ac vht20	5745	17.84	17.96
	5785	17.84	17.96
	5825	17.84	17.96
802.11ac vht40	5755	36.64	37.21
	5795	36.64	37.21
802.11ac vht80	5775	76.80	76.33
802.11ax he20	5745	19.20	19.24
	5785	19.28	19.16
	5825	19.12	19.24
802.11ax he40	5755	38.08	38.16
	5795	38.24	38.16
802.11ax he80	5775	78.40	77.60
Note: 6dB Emission Bandwidth Limit: ≥0.5 MHz Test only was performed at Chain 2. The 99% Occupied Bandwidth have not fall into the band 5470-5725MHz, please refer to the test plots of 99% Occupied Bandwidth.			

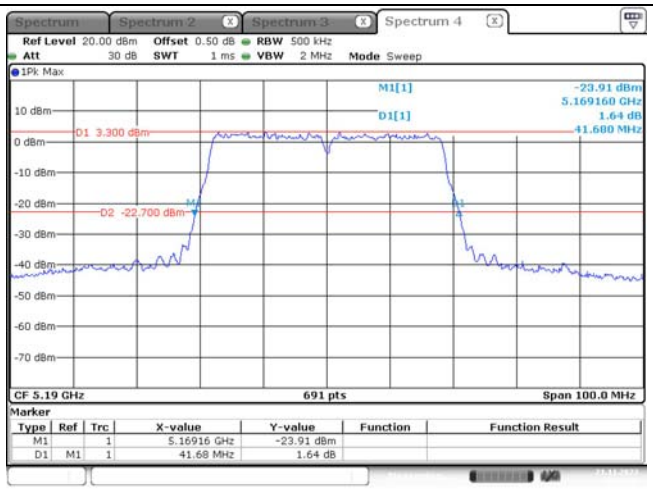
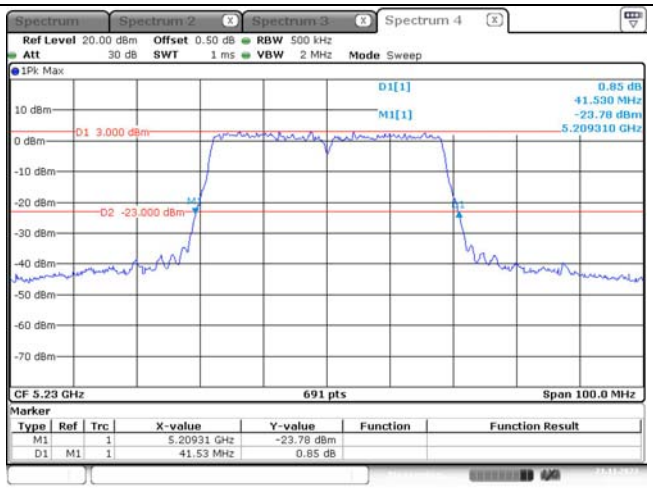
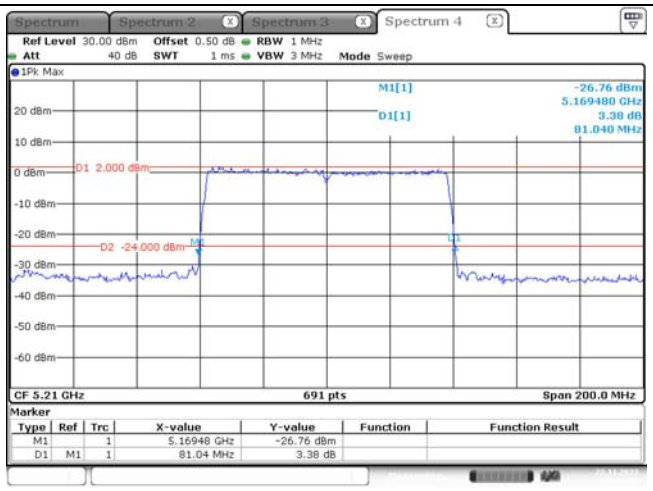
5150-5250MHz:

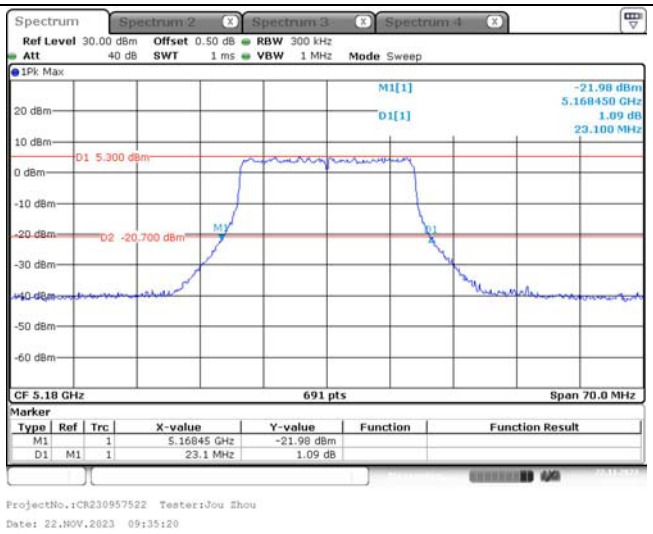
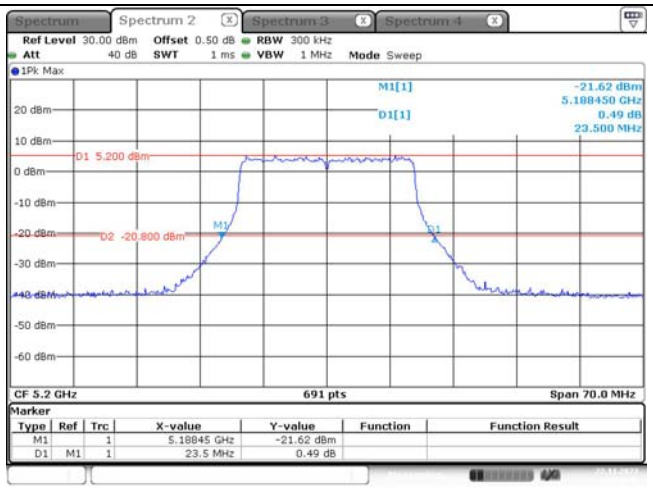
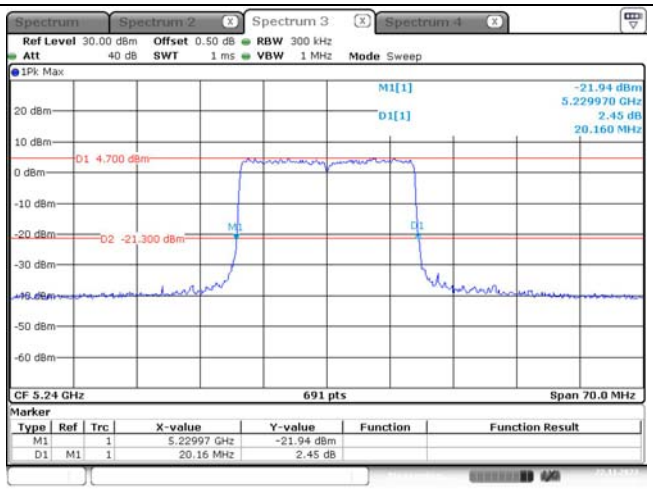
26dB Emission Bandwidth	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

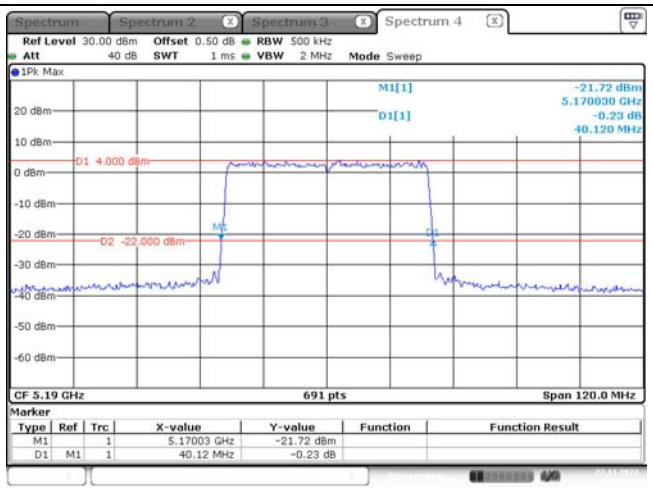
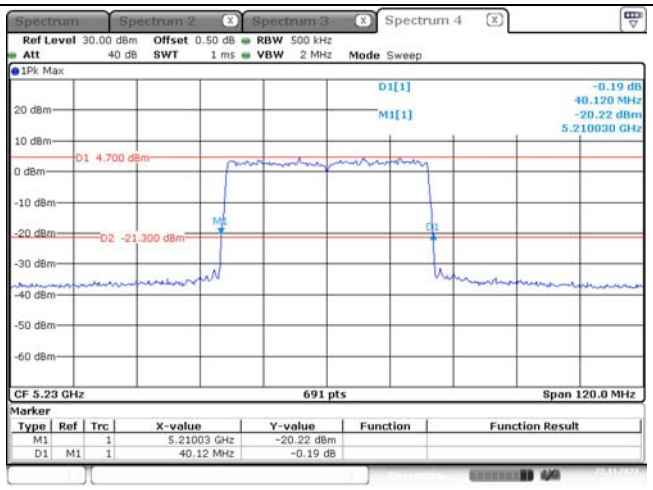
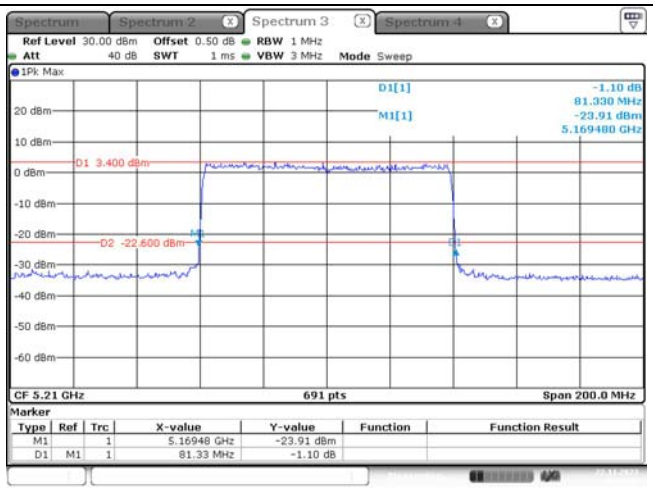
26dB Emission Bandwidth	
802.11n ht20 Lowest Channel	
802.11n ht20 Middle Channel	
802.11n ht20 Highest Channel	

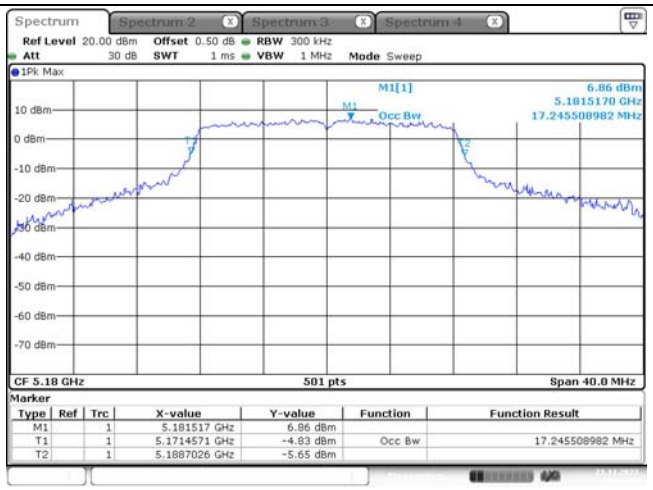
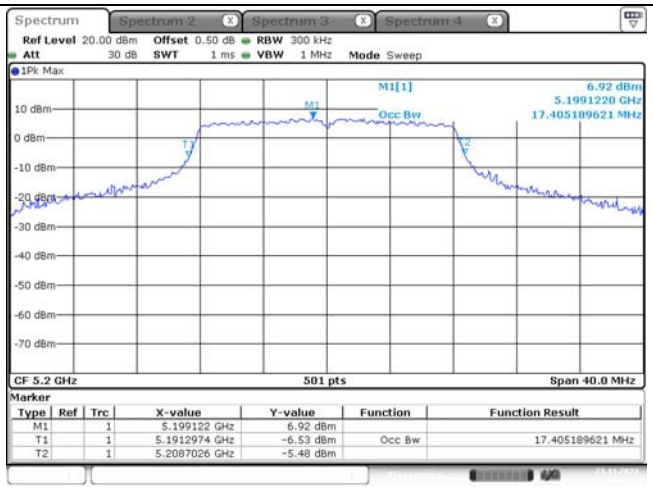
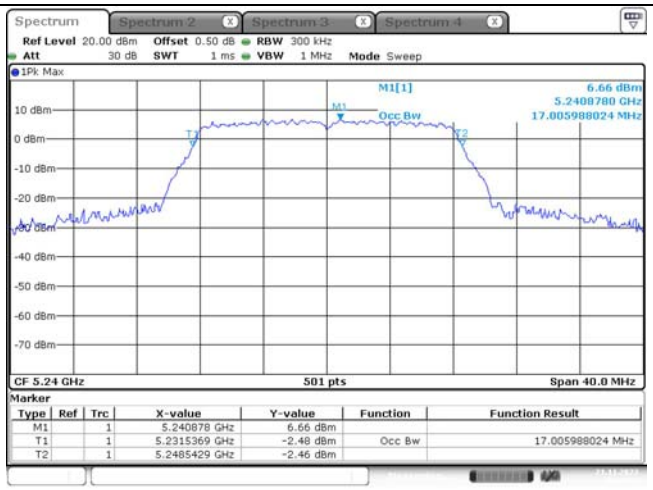
26dB Emission Bandwidth	
802.11n ht40 Lowest Channel	
802.11n ht40 Highest Channel	

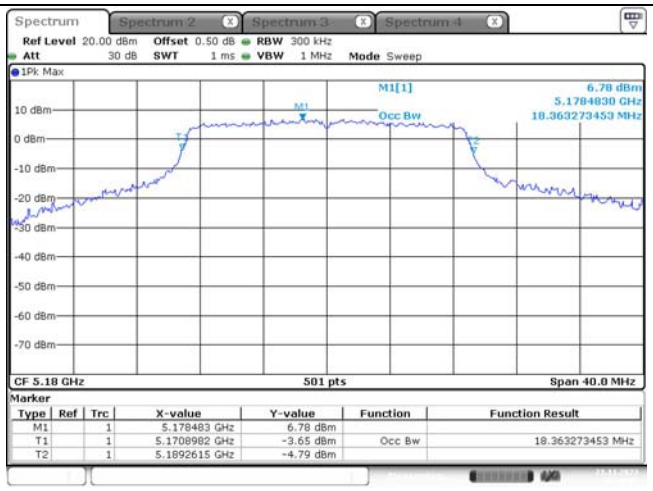
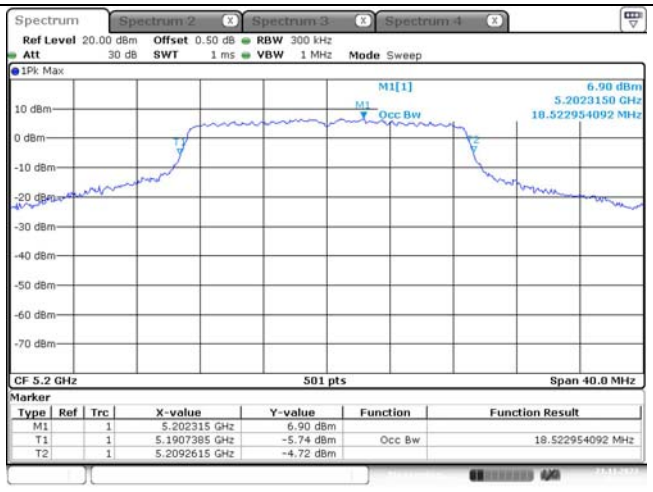
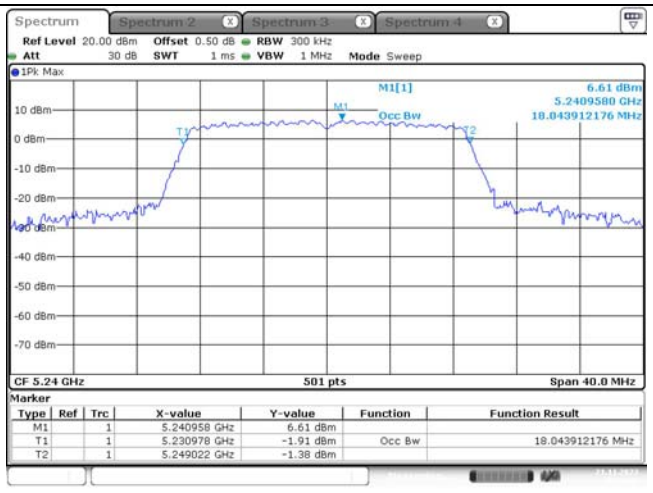
26dB Emission Bandwidth	
802.11ac ht20 Lowest Channel	
802.11ac ht20 Middle Channel	
802.11ac ht20 Highest Channel	

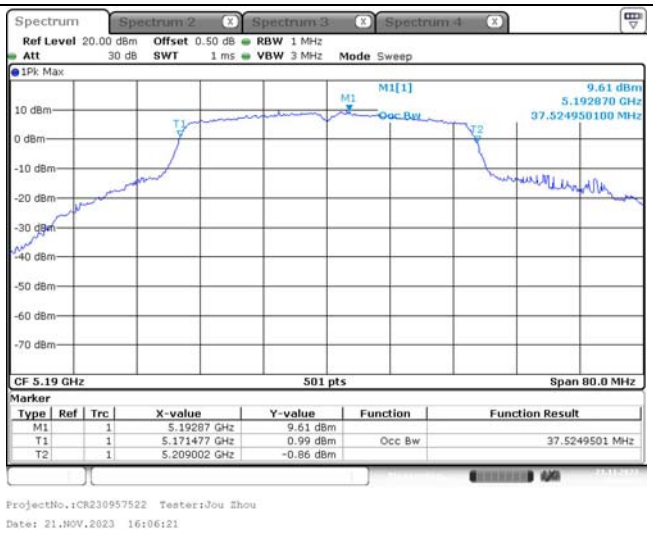
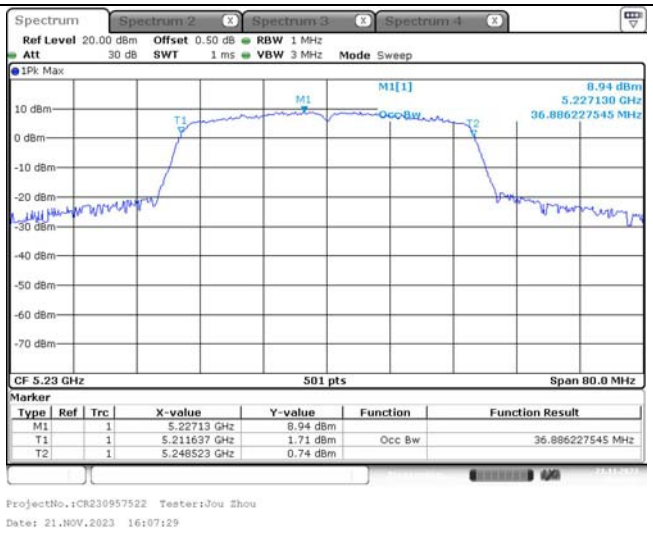
26dB Emission Bandwidth	
802.11ac ht40 Lowest Channel	
802.11ac ht40 Highest Channel	
802.11ac vht80 Middle Channel	

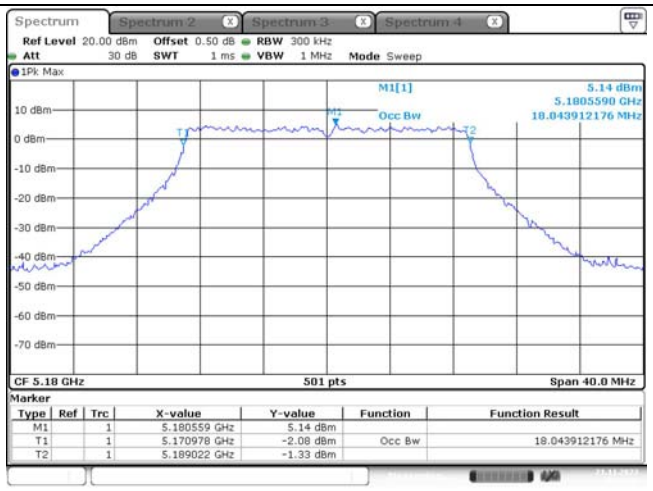
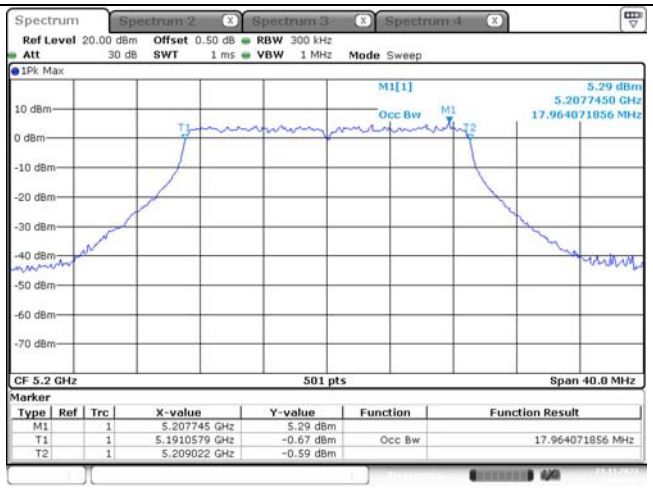
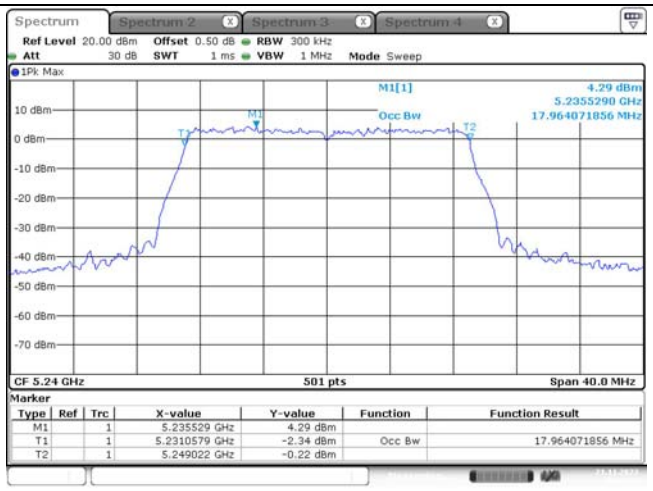
26dB Emission Bandwidth	
802.11ax he20 Lowest Channel	
802.11ax he20 Middle Channel	
802.11ax he20 Highest Channel	

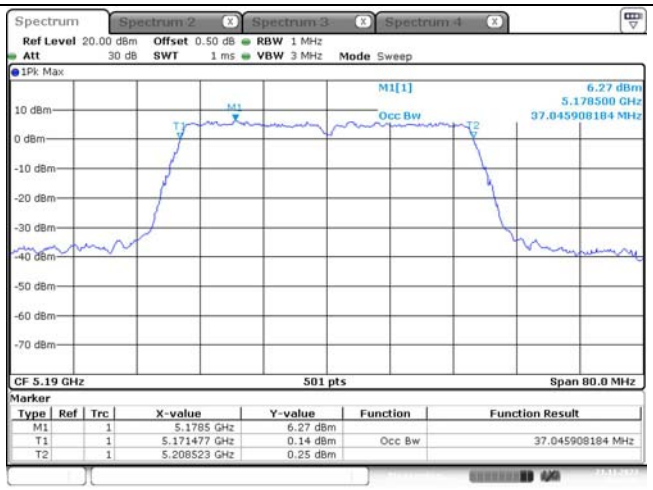
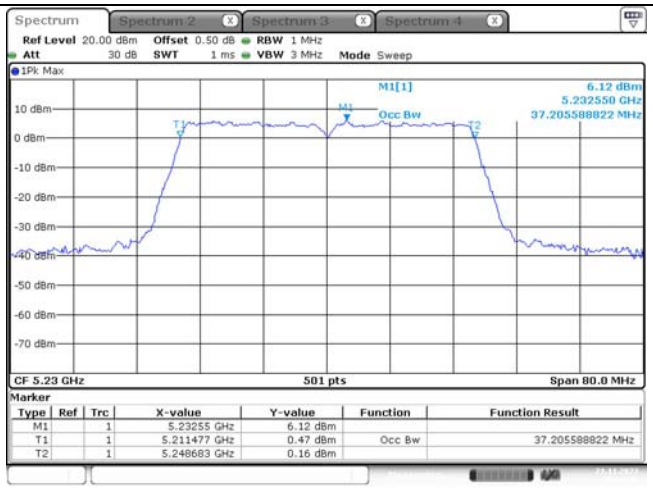
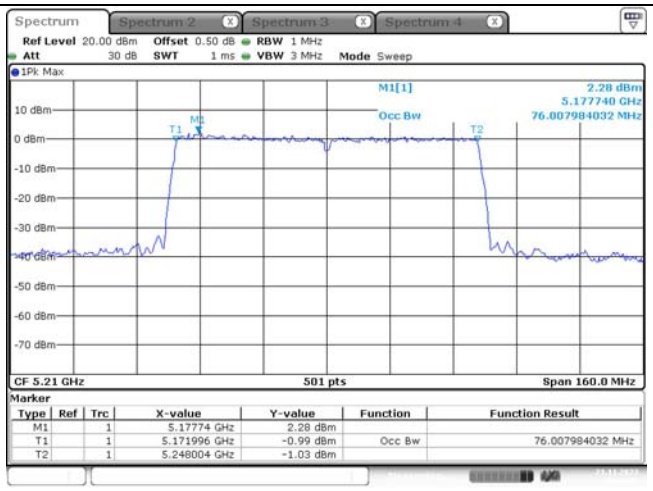
26dB Emission Bandwidth	
802.11ax he40 Lowest Channel	
802.11ax he40 Highest Channel	
802.11ax he80 Middle Channel	

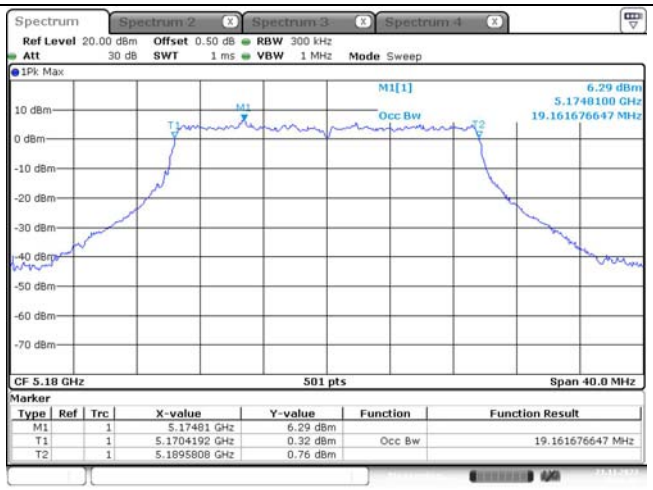
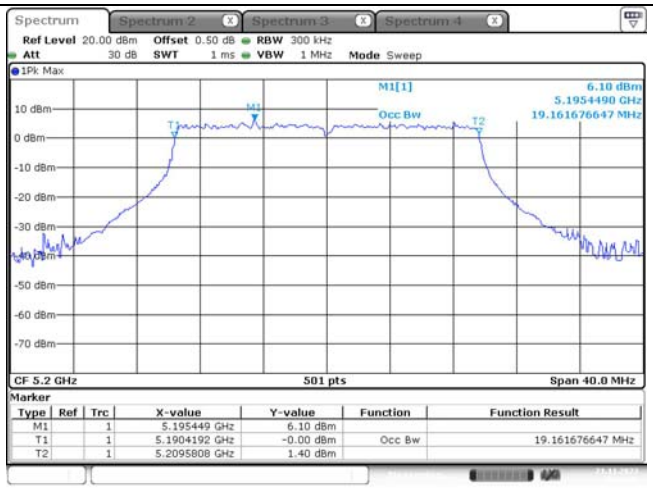
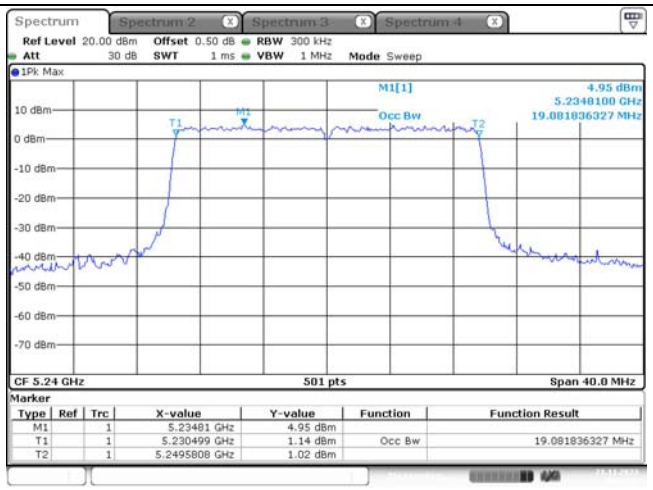
99% Emission Bandwidth	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

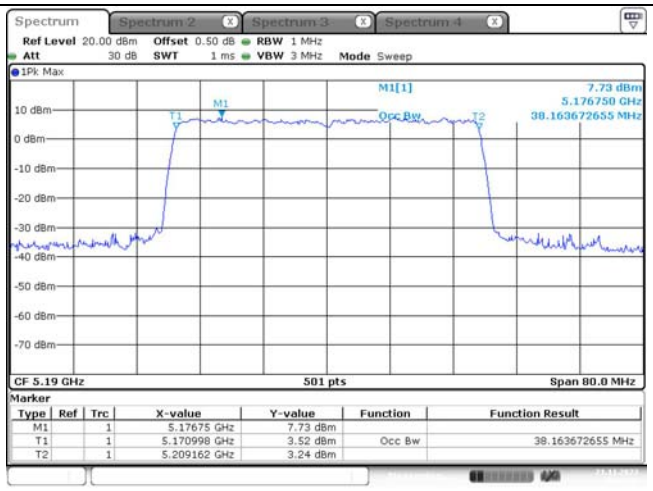
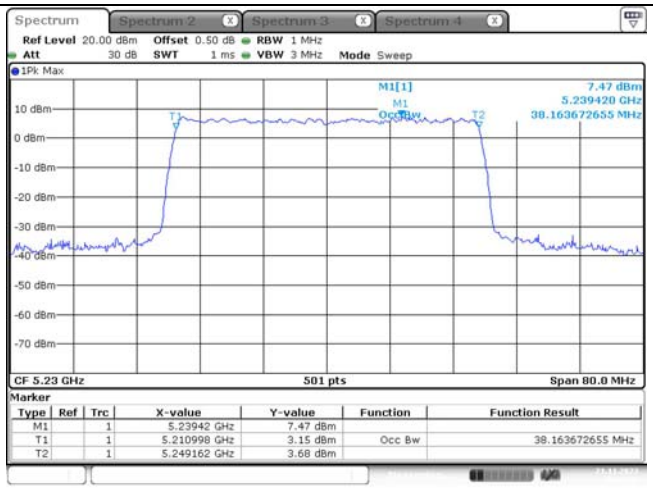
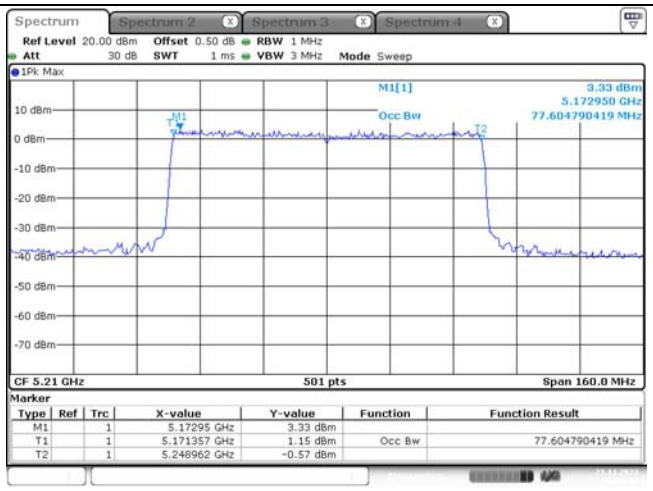
99% Emission Bandwidth	
802.11n ht20 Lowest Channel	
802.11n ht20 Middle Channel	
802.11n ht20 Highest Channel	

99% Emission Bandwidth	
802.11n ht40 Lowest Channel	
802.11n ht40 Highest Channel	

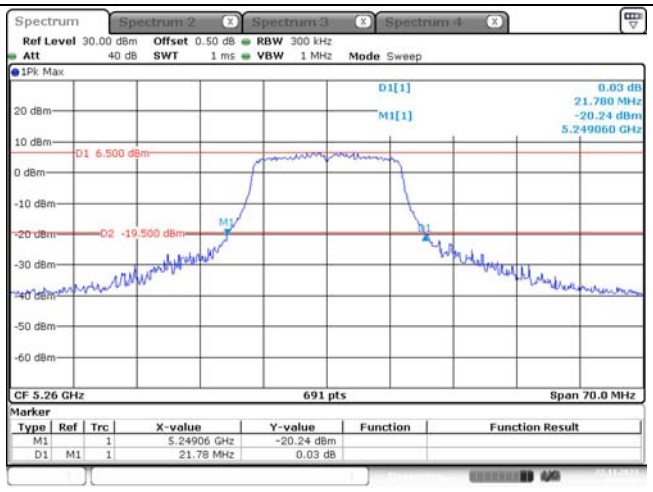
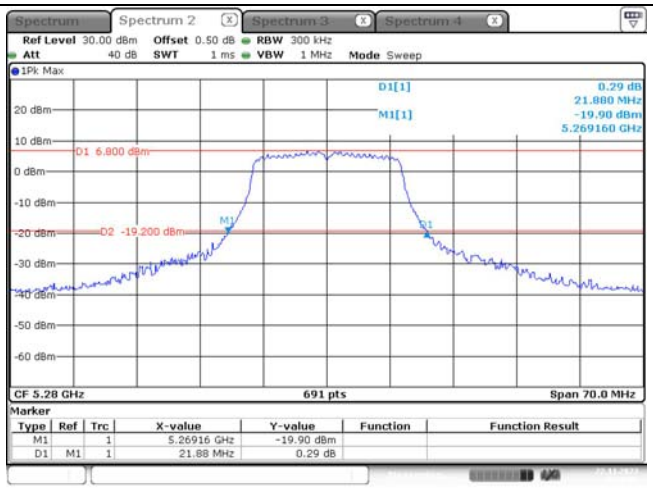
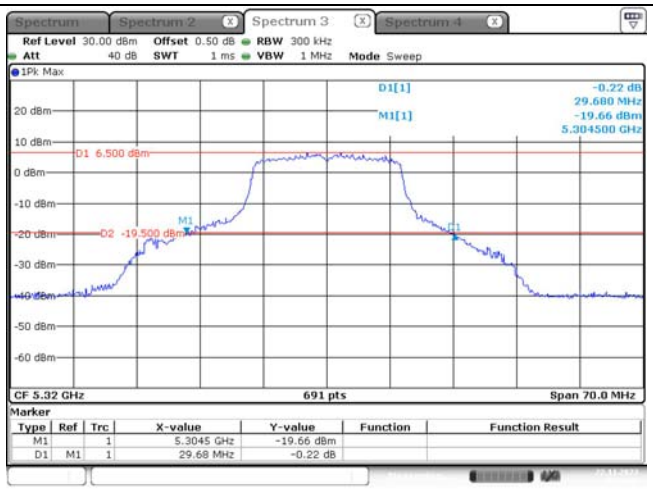
99% Emission Bandwidth	
802.11ac ht20 Lowest Channel	
802.11ac ht20 Middle Channel	
802.11ac ht20 Highest Channel	

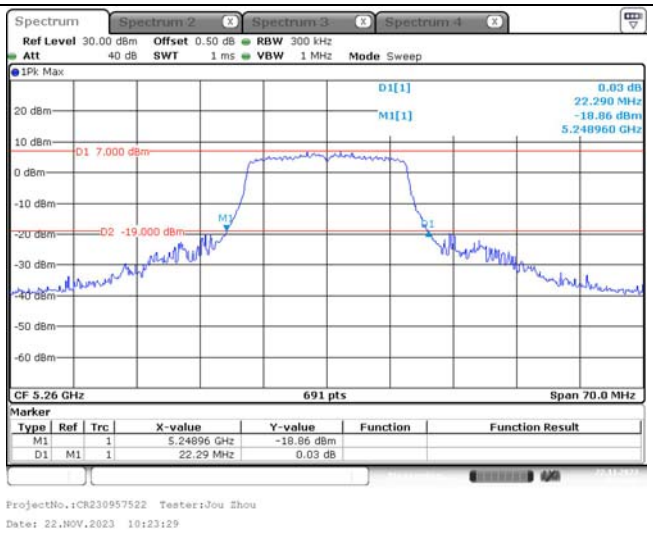
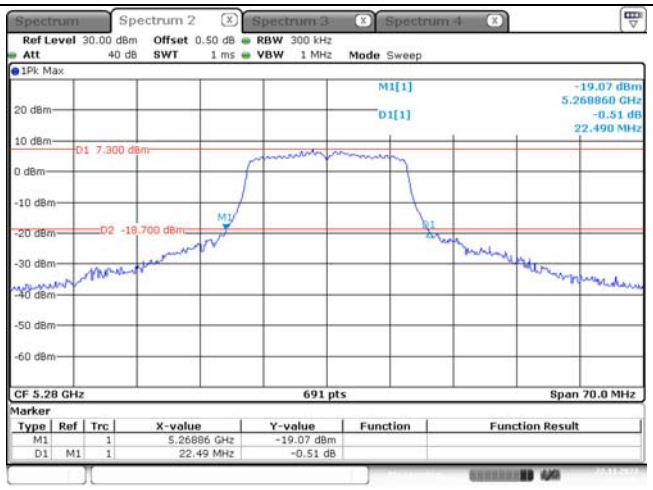
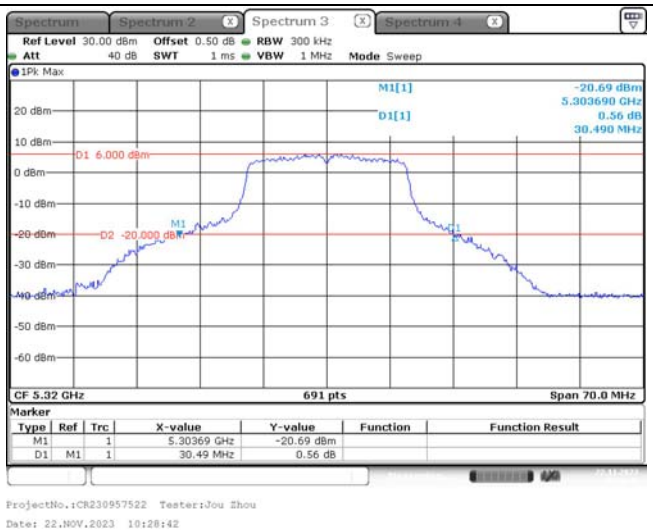
99% Emission Bandwidth	
802.11ac ht40 Lowest Channel	
802.11ac ht40 Highest Channel	
802.11ac vht80 Middle Channel	

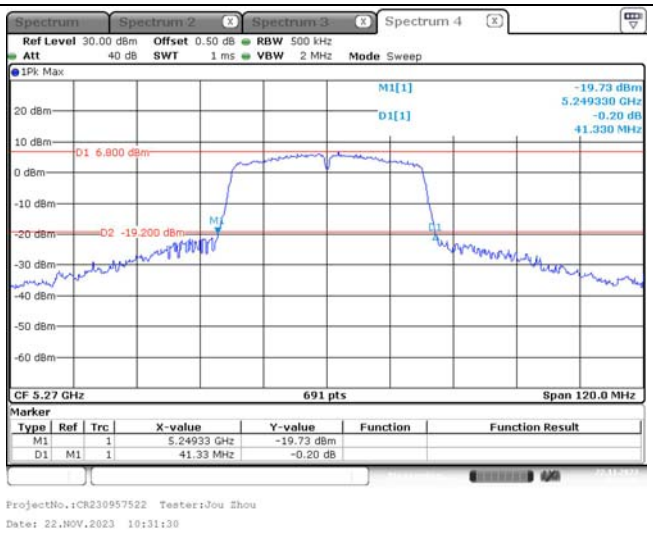
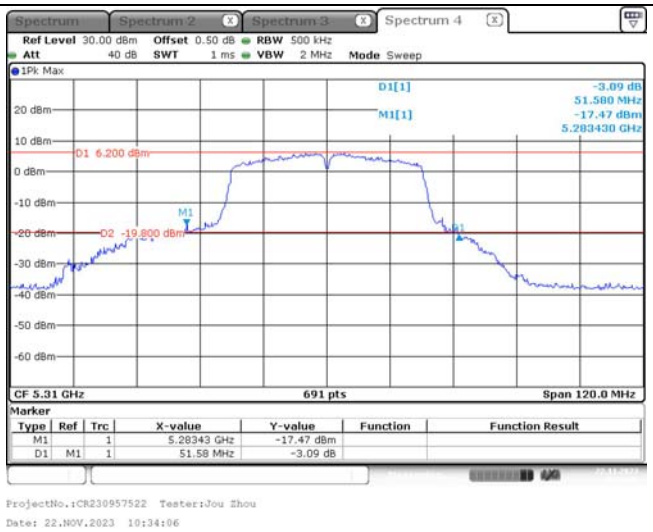
99% Emission Bandwidth	
802.11ax he20 Lowest Channel	
802.11ax he20 Middle Channel	
802.11ax he20 Highest Channel	

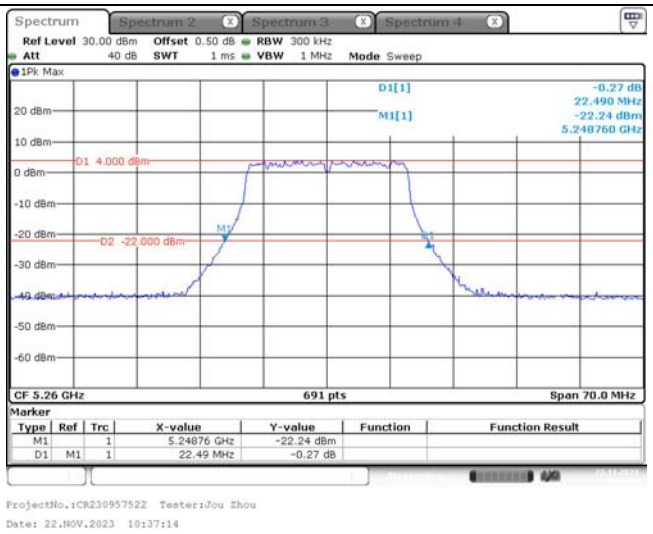
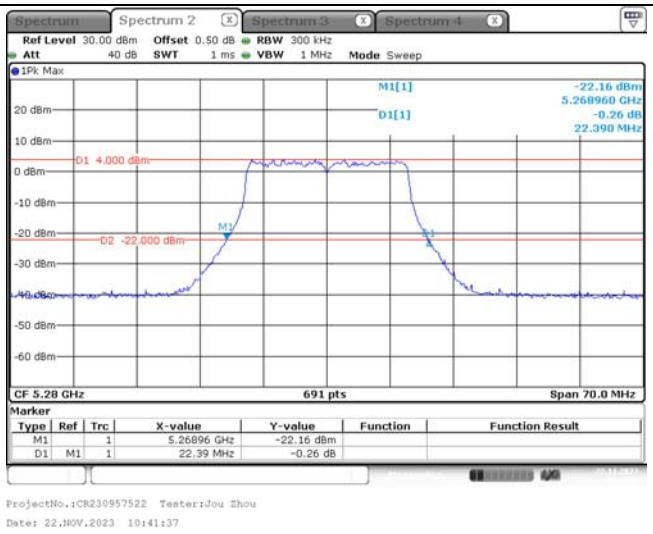
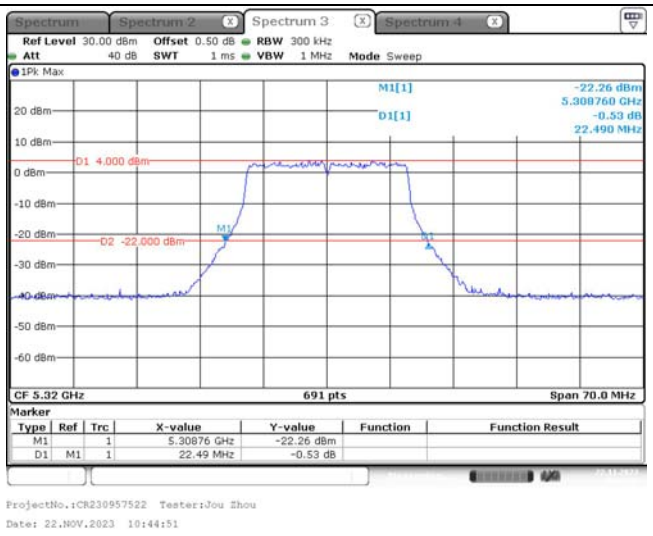
99% Emission Bandwidth	
802.11ax he40 Lowest Channel	
802.11ax he40 Highest Channel	
802.11ax he80 Middle Channel	

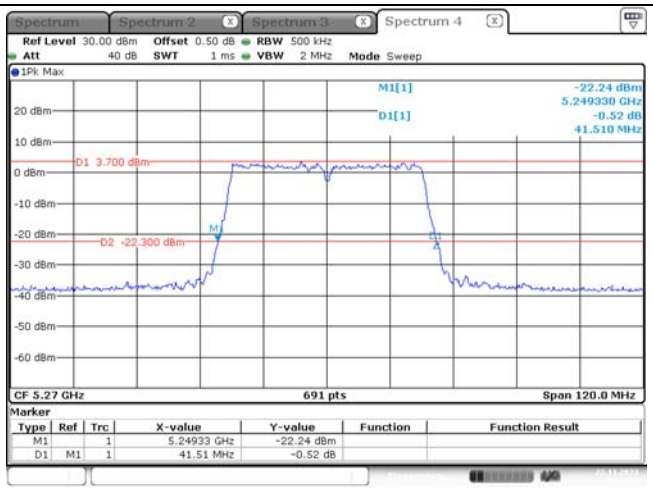
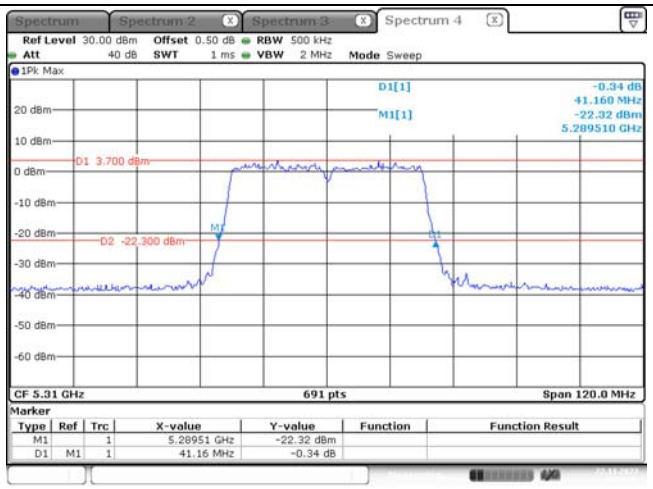
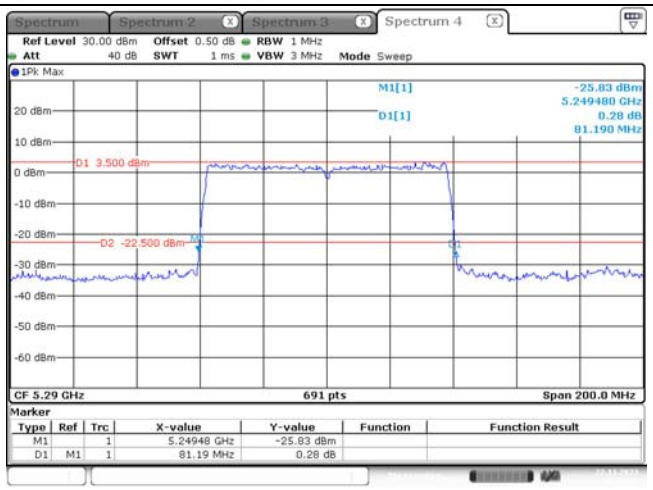
5250-5350MHz:

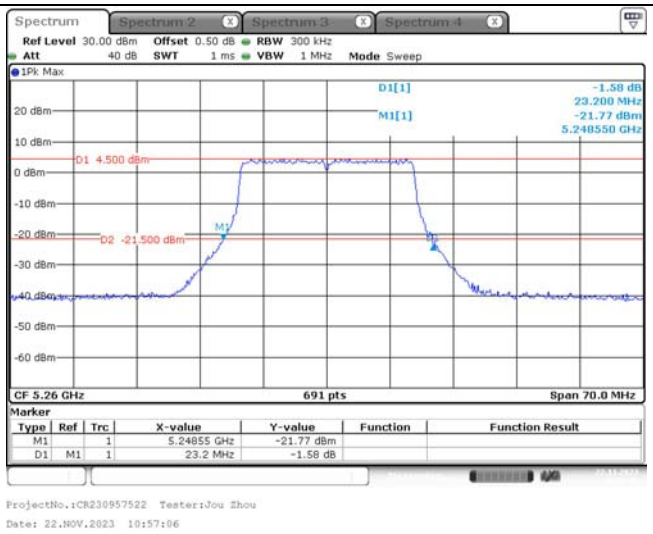
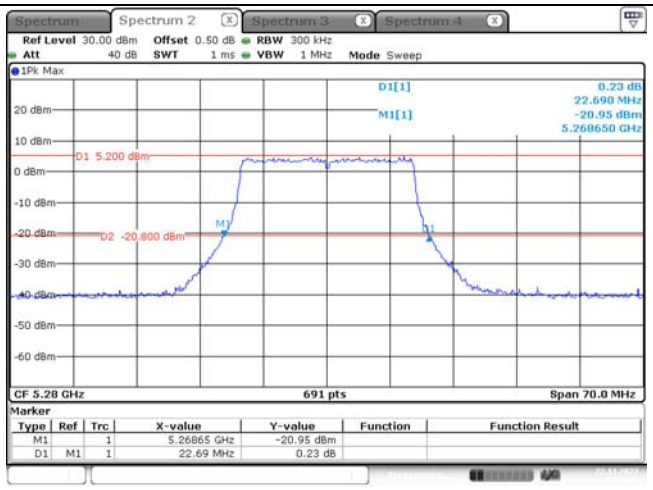
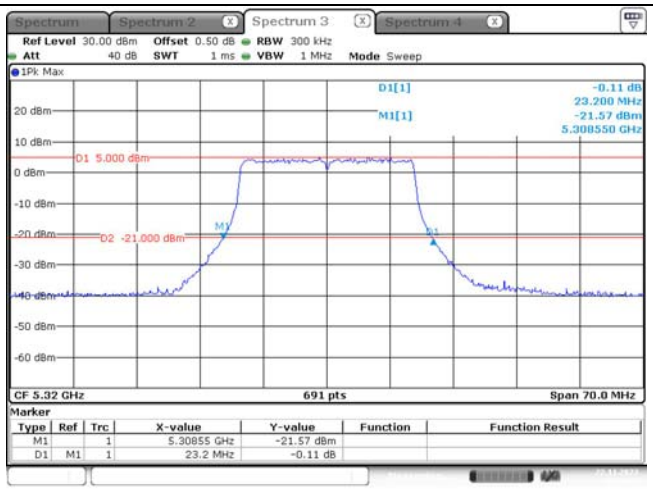
26dB Emission Bandwidth	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

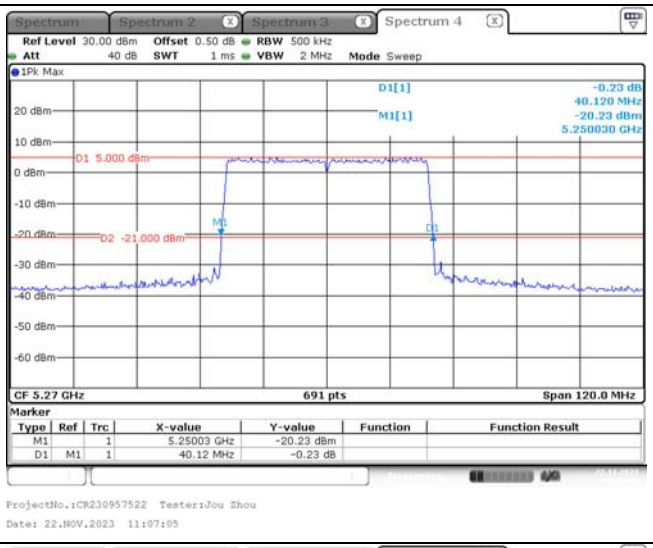
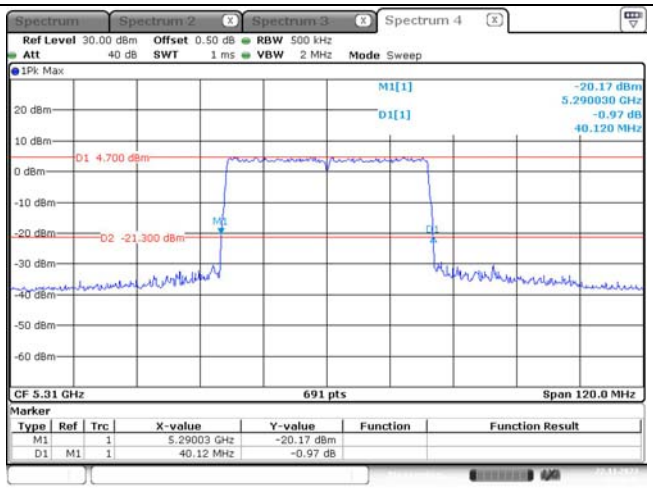
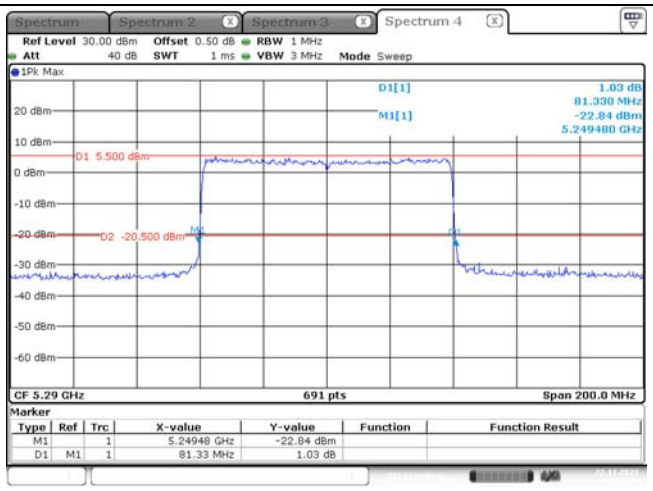
26dB Emission Bandwidth	
802.11n ht20 Lowest Channel	
802.11n ht20 Middle Channel	
802.11n ht20 Highest Channel	

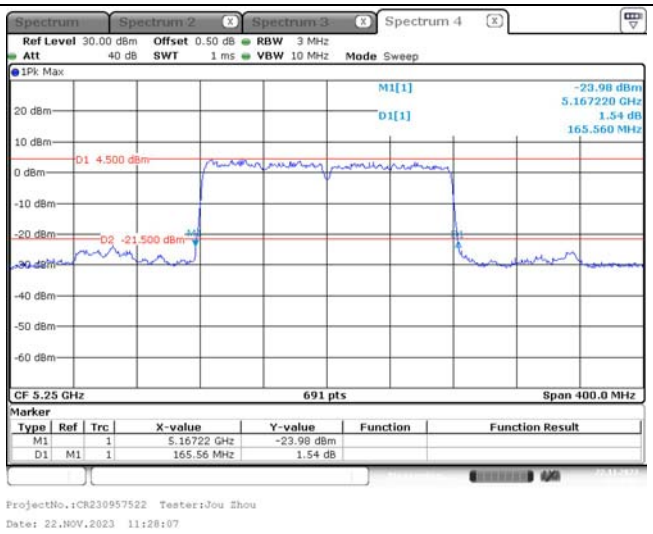
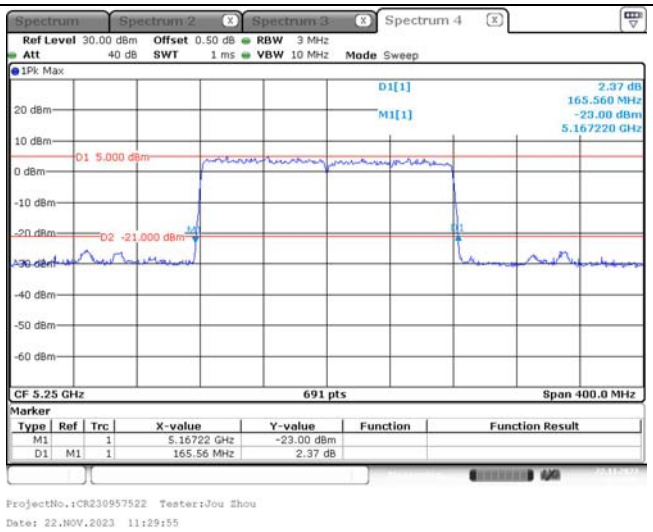
26dB Emission Bandwidth	
802.11n ht40 Lowest Channel	
802.11n ht40 Highest Channel	

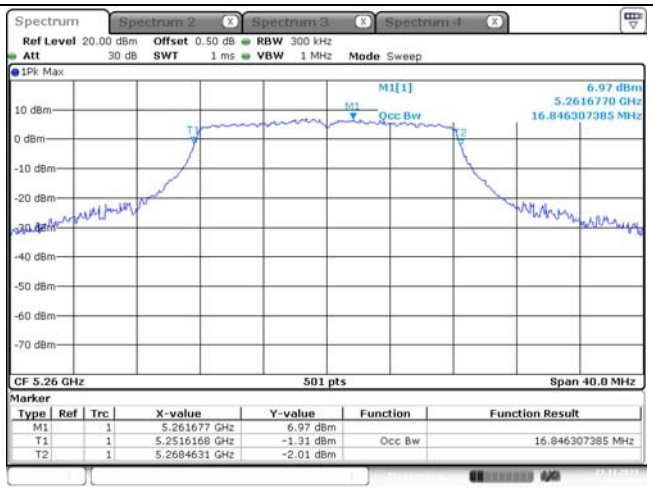
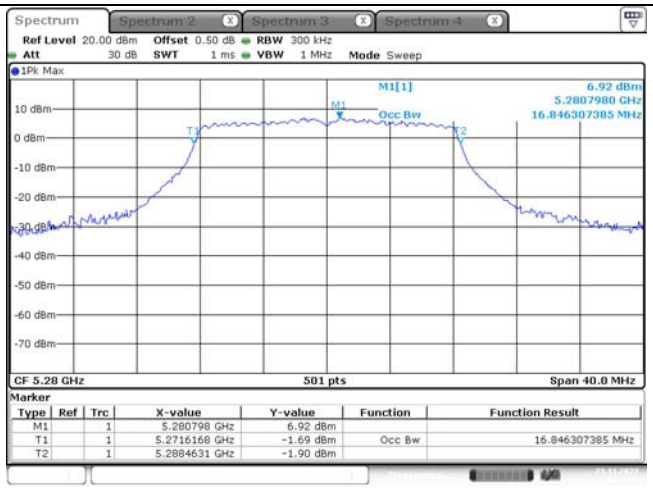
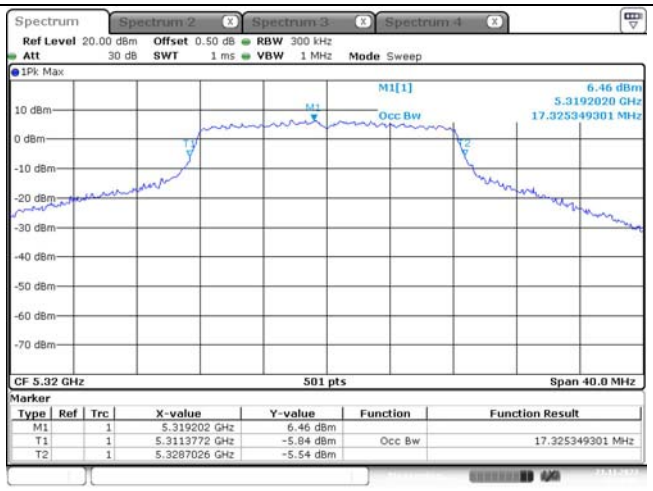
26dB Emission Bandwidth	
802.11ac vht20 Lowest Channel	
802.11ac vht20 Middle Channel	
802.11ac vht20 Highest Channel	

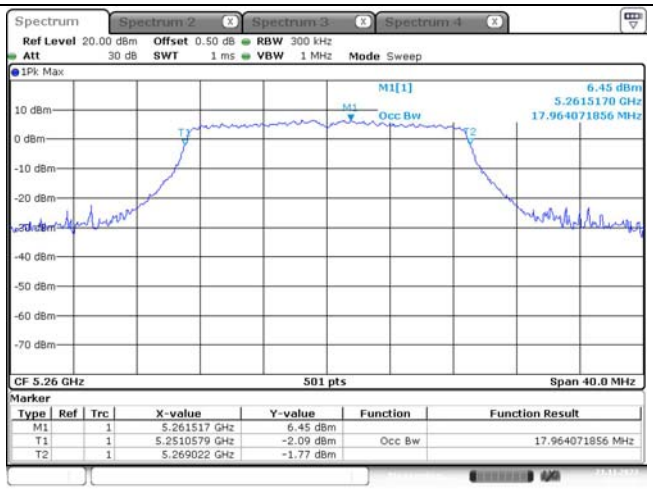
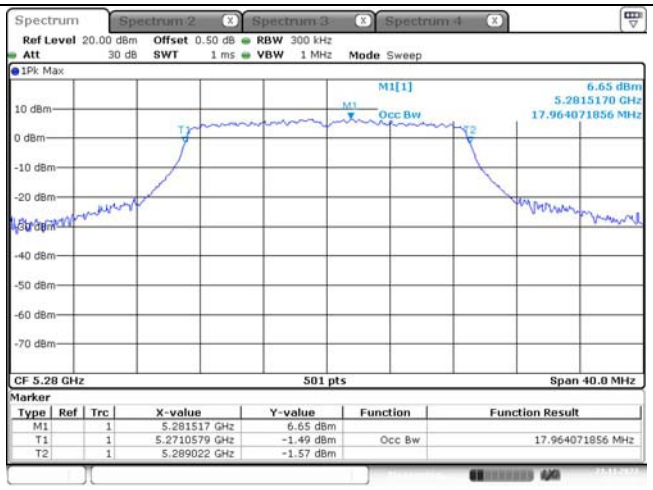
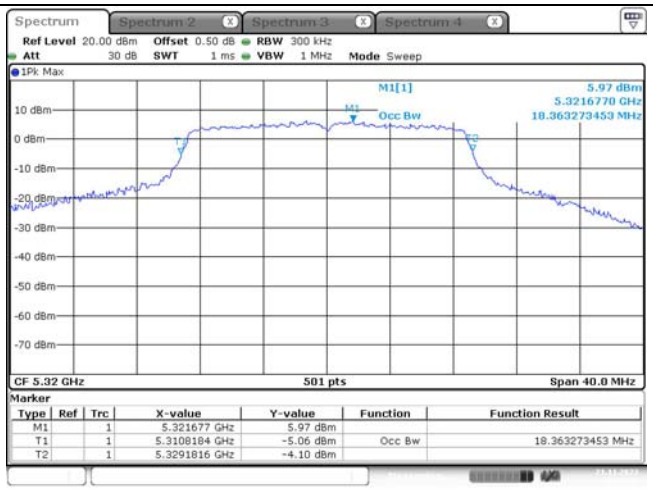
26dB Emission Bandwidth	
802.11ac vht40 Lowest Channel	
802.11ac vht40 Highest Channel	
802.11ac vht80 Middle Channel	

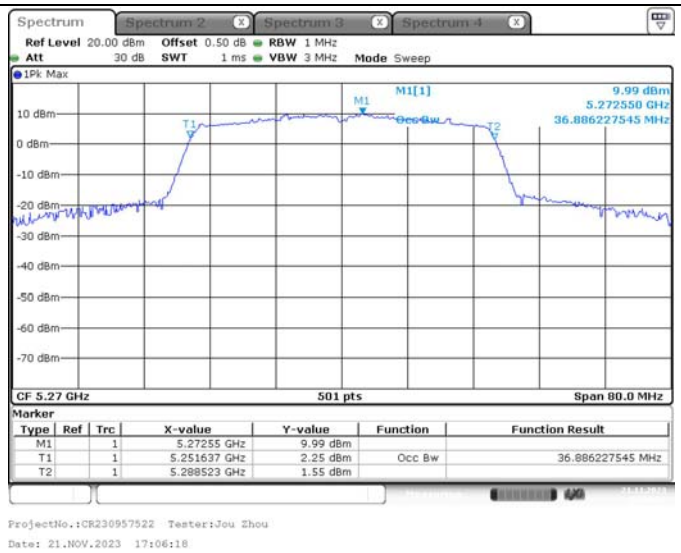
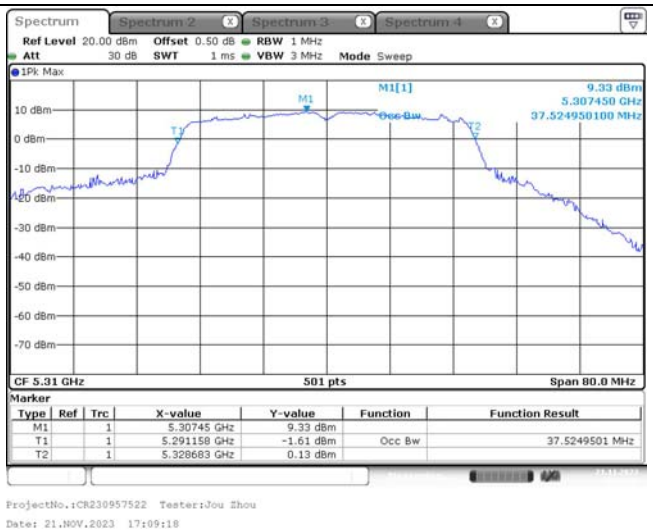
26dB Emission Bandwidth	
802.11ax he20 Lowest Channel	
802.11ax he20 Middle Channel	
802.11ax he20 Highest Channel	

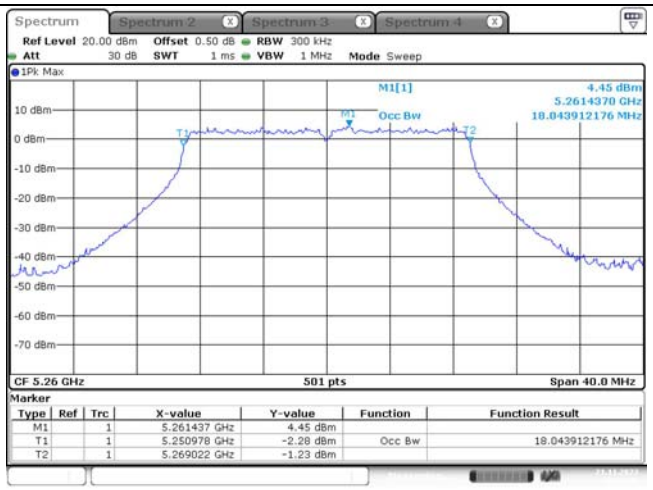
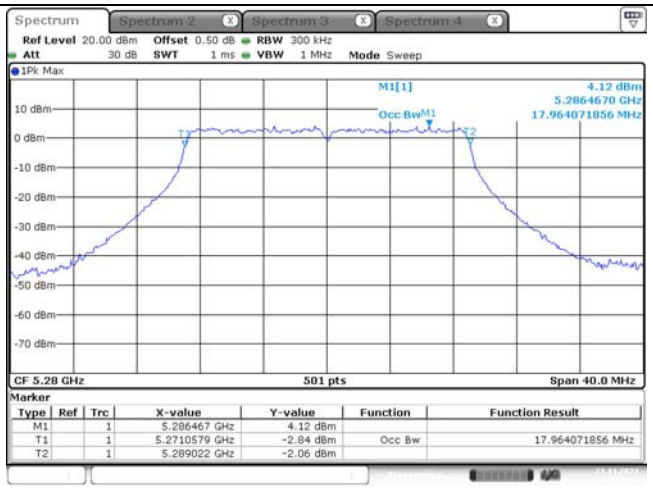
26dB Emission Bandwidth	
802.11ax he40 Lowest Channel	
802.11ax he40 Highest Channel	
802.11ax he80 Middle Channel	

26dB Emission Bandwidth	
802.11ac vht160 Middle Channel	
802.11ax he160 Middle Channel	

99% Emission Bandwidth	
802.11a Lowest Channel	
802.11a Middle Channel	
802.11a Highest Channel	

99% Emission Bandwidth	
802.11n ht20 Lowest Channel	
802.11n ht20 Middle Channel	
802.11n ht20 Highest Channel	

99% Emission Bandwidth	
802.11n ht40 Lowest Channel	
802.11n ht40 Highest Channel	

99% Emission Bandwidth	
802.11ac vht20 Lowest Channel	
802.11ac vht20 Middle Channel	
802.11ac vht20 Highest Channel