FCC Test Report

FCC ID	:	**JVPVS25MT**
Equipment	:	**InstaShow Multimedia Hub**
Model No.	:	**VS25MT**
Brand Name	:	**BenQ**
Applicant	:	**BenQ Corporation**
Address	:	**16 Jihu Road, Neihu, Taipei 114, Taiwan**
Standard	:	**47 CFR FCC Part 15.407**
Received Date	:	**Sep. 24, 2025**
Tested Date	:	**Oct. 29 ~ Nov. 05, 2025**

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:	**Approved by:**
Along Chen / Assistant Manager	**Gary Chang / Manager**

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Release Record

Report No.	Version	Description	Issued Date
FR592403AN	Rev. 01	Initial issue	Dec. 03, 2025
FR592403AN	Rev. 02	Updated brand name and FCC ID	Dec. 15, 2025

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	[dBuV]: 0.383MHz 35.63 (Margin -12.58dB) - AV	Pass
15.407(b) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 9320.00MHz 53.39 (Margin -0.61dB) - AV	Pass
15.407(a)	Emission Bandwidth	Meet the requirement of limit	Pass
15.407(e)	6dB bandwidth	Meet the requirement of limit	Pass
15.407(a)	Conducted Output Power	Max Power [dBm]: 5150~5250MHz: 18.53 5725~5850MHz: 18.72	Pass
15.407(a)	Power Spectral Density	Meet the requirement of limit	Pass
15.407(g)	Frequency Stability	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

The product: InstaShow is available in two sales configurations:

- Model: VS25 (Receiver: VS25R / BUTTON: VS25T / MULTIMEDIA HUB: VS25MT / HOST BUTTON:VS25HT)
- Model: WDC25 (Receiver: WDC25R / BUTTON: WDC25T x2)

1.1.1 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	**IEEE Std. 802.11**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**Data Rate / MCS**
5150-5250 5725-5850	a n (HT20) ac (VHT20) ax (HE20)	5180-5240 5745-5825	36-48 [4] 149-165 [5]	2	6-54 Mbps MCS 0-15 MCS 0-9 MCS 0-11
5150-5250 5725-5850	n (HT40) ac (VHT40) ax (HE40)	5190-5230 5755-5795	38-46 [2] 151-159 [2]	2	MCS 0-15 MCS 0-9 MCS 0-11
5150-5250 5725-5850	ac (VHT80) ax (HE80)	5210 5775	42 [1] 155 [1]	2	MCS 0-9 MCS 0-11
Note 1: OFDM - BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM modulation.					

1.1.2 Antenna Details

Ant. No.	Brand	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)	
					5150~5250	5725~5850
1	RUI	WF6397B-0812R-50 COM3	PIFA	IPEX	0.81	0.24
2	RUI	WF6397B-0812R-70 COM4	PIFA	IPEX	2.16	2.25

1.1.3 Configuration of Equipment under Test (EUT)

Power Supply Type	12Vdc from adapter	
Beamforming	☐ Support	☒ Not support
RU Configuration	☒ Full RU	☐ Partial RU
Channel Puncturing	☐ Support	☒ Not support

1.1.4 Accessories

Accessories		
No.	**Equipment**	**Description**
1	Adapter	Brand: DVE Model: DSA-18PFCA-09 I/P: 100-240Vac, 50/60Hz, 0.6A O/P: 12Vdc⎓1.5A, 18.0W Power line: 1.5m non-shielded without core

1.1.5 Channel List

802.11a / n HT20 / ac VHT20 / ax HE20		802.11n HT40 / ac VHT40 / ax HE40	
Channel	**Frequency(MHz)**	**Channel**	**Frequency(MHz)**
36	5180	38	5190
40	5200	46	5230
44	5220	151	5755
48	5240	159	5795
149	5745	**802.11ac VHT80 / ax HE80**	
153	5765	42	5210
157	5785	155	5775
161	5805	-	-
165	5825	-	-

1.1.6 Test Tool and Duty Cycle

Test Tool	Putty, Version: 0.78		
Duty Cycle and Duty Factor	**Mode**	**Duty Cycle (%)**	**Duty Factor (dB)**
	11a	80.05%	0.97
	ax HE20	73.54%	1.33
	ax HE40	72.76%	1.38
	ax HE80	72.18%	1.42

1.1.7 Power Index of Test Tool

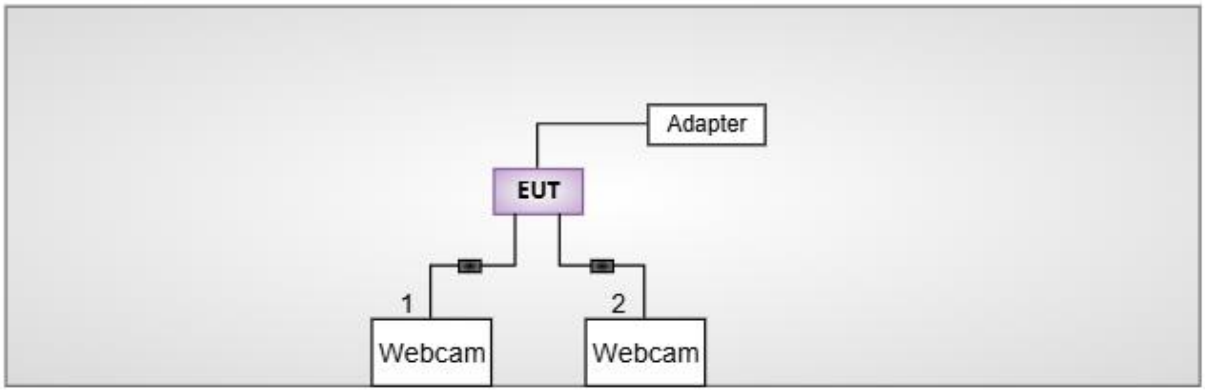
Modulation Mode	Test Frequency (MHz)	Power Index
11a	5180	14.5
11a	5200	14.5
11a	5240	14.5
11a	5745	15.5
11a	5785	15.5
11a	5825	15.5
ax HE20	5180	15
ax HE20	5200	15
ax HE20	5240	15
ax HE20	5745	15.5
ax HE20	5785	15.5
ax HE20	5825	15.5
ax HE40	5190	16
ax HE40	5230	16
ax HE40	5755	15.5
ax HE40	5795	15.5
ax HE80	5210	15.5
ax HE80	5775	15.5

1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	Webcam	logi	V-U0018	---	Provided by applicant
2	Webcam	hp	w600	---	Provided by applicant
3	USB C to A adapter	ICC	USB C to A adapter	---	---
4	Laptop	DELL	Latitude 3440	DoC	---

1.3 Test Setup Chart

Test Setup Diagram



No.	Signal cable / Length (m)
1	USB, 1.5m shielded with one core.
2	USB, 1.8m shielded with one core.

Note: The support laptop and console cable were disconnected from the EUT and removed from the test table after the EUT was set to transmit continuously.

1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Nov. 05, 2025				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101658	Feb. 25, 2025	Feb. 24, 2026
LISN	R&S	ENV216	101579	May 07, 2025	May 06, 2026
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127-666	Mar. 21, 2025	Mar. 20, 2026
RF Cable-CON	EMC	EMCCFD300-BM-BM-6000	50821	Oct. 07, 2025	Oct. 06, 2026
50 ohm terminal	NA	50	3	Jul. 30, 2025	Jul. 29, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Nov. 04 ~ Nov. 05, 2025				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV3044	101516	Jun. 09, 2025	Jun. 08, 2026
Power Meter	Anritsu	ML2495A	1241002	Nov. 26, 2024	Nov. 25, 2025
Power Sensor	Anritsu	MA2411B	1207366	Nov. 26, 2024	Nov. 25, 2025
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Jun. 26, 2025	Jun. 25, 2026
AC POWER SOURCE	APC	AFC-500W	F312060012	Dec. 27, 2024	Dec. 26, 2025
Attenuator	Pasternack	PE7005-10	10-2	Oct. 03, 2025	Oct. 02, 2026
Measurement Software	Sporton	SENSE-15407_NII	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber3 / (03CH03-WS)				
Tested Date	Oct. 29 ~ Nov. 01, 2025				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101657	Mar. 11, 2025	Mar. 10, 2026
Spectrum Analyzer	R&S	FSV40	101499	Mar. 27, 2025	Mar. 26, 2026
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 05, 2024	Nov. 04, 2025
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Jul. 04, 2025	Jul. 03, 2026
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Dec. 20, 2024	Dec. 19, 2025
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 18, 2024	Nov. 17, 2025
Preamplifier	EMC	EMC02325	980187	Jun. 24, 2025	Jun. 23, 2026
Preamplifier	EMC	EMC118A45SE	980897	Aug. 08, 2025	Aug. 07, 2026
Preamplifier	EMC	EMC184045SE	980903	Aug. 08, 2025	Aug. 07, 2026
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 01, 2025	Sep. 30, 2026
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800 -001	Sep. 19, 2025	Sep. 18, 2026
LF cable-3M	EMC	EMC8D-NM-NM-300 0	131103	Sep. 19, 2025	Sep. 18, 2026
LF cable-13M	EMC	EMC8D-NM-NM-130 00	131104	Sep. 19, 2025	Sep. 18, 2026
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Sep. 19, 2025	Sep. 18, 2026
RF cable-8M	EMC	EMC104-SM-SM-80 00	181107	Sep. 19, 2025	Sep. 18, 2026
RF cable-1M	HUBER+SUHNER	SUCOFLEX104	MY22624/4	Sep. 19, 2025	Sep. 18, 2026
Attenuator	Pasternack	PE7005-10	10-3	Sep. 19, 2025	Sep. 18, 2026
HIGHPASS FILTER	K&L	11SH10-7000/T1800 0-O/OP	21	Sep. 19, 2025	Sep. 18, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.407
ANSI C63.10-2020
ANSI C63.4-2014 + C63.4a-2017

1.6 Reference Guidance

FCC KDB 412172 D01 Determining ERP and EIRP v01r01
FCC KDB 662911 D01 Multiple Transmitter Output v02r01
FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Measurement Uncertainty	
Parameters	**Uncertainty**
Bandwidth	±34.130 Hz
Conducted power	±0.808 dB
Frequency error	±1x10^{-9}
Power density	±0.583 dB
Conducted emission	±2.715 dB
AC conducted emission	±2.92 dB
Unwanted Emission ≤ 1GHz	±3.96 dB
Unwanted Emission > 1GHz	±4.51 dB
Time	±0.1%
Temperature	±0.4 °C

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)
Test Site	03CH03-WS
Address of Test Site	No.14-1, Lane 19, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW0009
- FCC site registration No.: 207696
- ISED#: 10807C
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

For Frequency band 5150-5250 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
Unwanted Emissions >1GHz Conducted Output Power Emission Bandwidth Power Spectral Density	11a ax HE20 ax HE40 ax HE80	5180 / 5200 / 5240 5180 / 5200 / 5240 5190 / 5230 5210	6 Mbps MCS 0 MCS 0 MCS 0	---
Frequency Stability	Un-modulation	5200	---	---
For Frequency band 5725-5850 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
AC Power Line Conducted Emission	ax HE40	5755	MCS 0	---
Unwanted Emissions ≤1GHz	ax HE40	5755	MCS 0	---
Unwanted Emissions >1GHz Conducted Output Power Emission Bandwidth Power Spectral Density	11a ax HE20 ax HE40 ax HE80	5745 / 5785 / 5825 5745 / 5785 / 5825 5755 / 5795 5775	6 Mbps MCS 0 MCS 0 MCS 0	---
Frequency Stability	Un-modulation	5785	---	---

3 Transmitter Test Results

3.1 Emission Bandwidth

3.1.1 Limit of Emission Bandwidth

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

3.1.2 Test Procedures

26dB Bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW, Detector = Peak.
3. Trace mode = max hold.
4. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

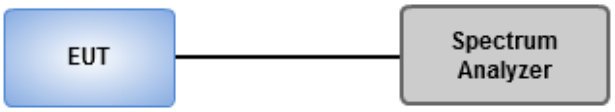
Occupied Bandwidth

1. Set RBW = 1 % to 5 % of the OBW.
2. Set VBW ≥ 3 RBW.
3. Sample detection and single sweep mode shall be used.
4. Use the 99 % power bandwidth function of the instrument.

6dB Bandwidth

1. Set RBW = 100kHz, VBW = 300kHz.
2. Detector = Peak,Trace mode = max hold.
3. Allow the trace to stabilize.
4. 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.

3.1.3 Test Setup



3.1.4 Test Results

Ambient Condition	23-24°C / 64-66%	**Tested By**	Roger Lu

Refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Limit of Conducted Output Power

Frequency band 5150-5250 MHz		
Operating Mode		**Limit**
☐	Outdoor access point	Conducted Power: 1 W The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm)
☒	Indoor access point	Conducted Power: 1 W
☐	Fixed point-to-point access points	Conducted Power: 1 W
☐	Client devices	Conducted Power: 250 mW

Frequency Band (MHz)		**Limit**
☒	5725 ~ 5850	Conducted Power: 1 W
Note: “B” is the 26dB emission bandwidth in MHz.		

3.2.2 Test Procedures

Method PM-G (Measurement using a gated RF average power meter)

Measurements is 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. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

3.2.3 Test Setup

3.2.4 Test Results

Ambient Condition	23-24°C / 64-66%	**Tested By**	Roger Lu

Refer to Appendix B.

3.3 Power Spectral Density

3.3.1 Limit of Power Spectral Density

Frequency band 5150-5250 MHz		
Operating Mode		**Limit**
☐	Outdoor access point	17 dBm / MHz
☒	Indoor access point	17 dBm / MHz
☐	Fixed point-to-point access points	17 dBm / MHz
☐	Client devices	11 dBm / MHz

Frequency Band (MHz)		**Limit**
☒	5725 ~ 5850	30 dBm /500 kHz

3.3.2 Test Procedures

For 5150 ~ 5250 MHz

Duty cycle ≥ 98 %

1. Set RBW = 1 MHz, VBW = 3 MHz, Sweep time = auto, Detector = RMS.
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level.

Duty cycle < 98 %

1. Set RBW = 1 MHz, VBW = 3 MHz, Detector = RMS.
2. Number of points in sweep ≥ 2 × span / RBW. Sweep time = auto
3. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter
4. Use the peak marker function to determine the maximum amplitude level.
5. Add 10 log(1/x), where x is the duty cycle.

For 5725 ~ 5850 MHz

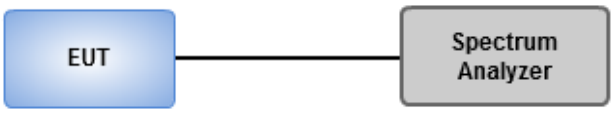
Duty cycle ≥ 98 %

1. Set RBW = 500 kHz, VBW = 3 MHz, Sweep time = auto, Detector = RMS.
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level.

Duty cycle < 98 %

1. Set RBW = 500 kHz, VBW = 3 MHz, Detector = RMS.
2. Number of points in sweep ≥ 2 × span / RBW. Sweep time = auto
3. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter
4. Use the peak marker function to determine the maximum amplitude level.
5. Add 10 log(1/x), where x is the duty cycle.

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	23-24°C / 64-66%	**Tested By**	Roger Lu

Refer to Appendix C.

3.4 Unwanted Emissions

3.4.1 Limit of Unwanted Emissions

Restricted Band Emissions Limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1:
Qusai-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit
Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.850 GHz	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.

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.4.2 Test Procedures

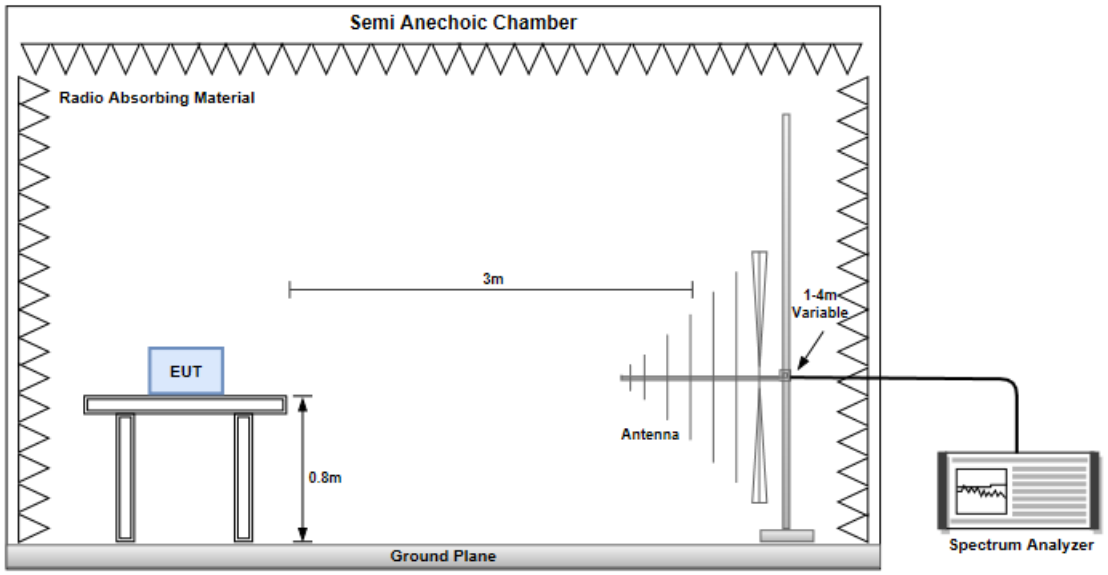
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

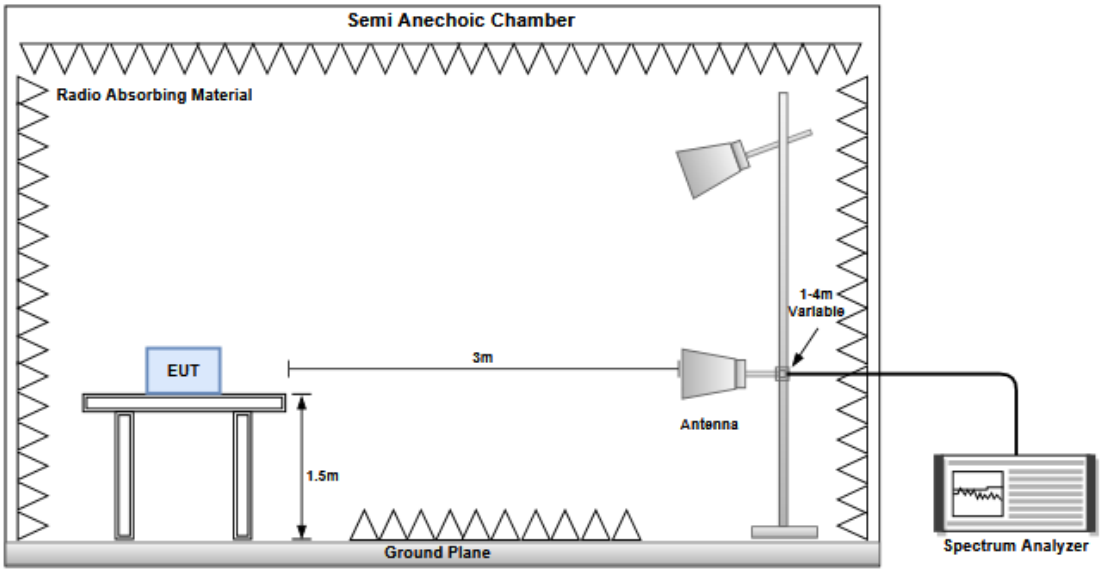
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

3.4.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.4.4 Test Results

Ambient Condition	24-25°C / 64-65%	Tested By	Akun Chung

Refer to Appendix D.

3.5 Frequency Stability

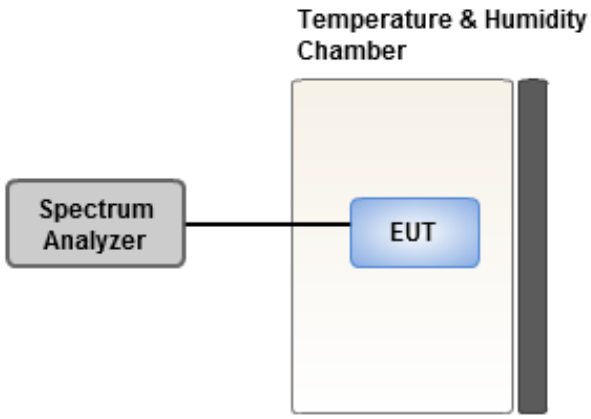
3.5.1 Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

3.5.2 Test Procedures

1. The EUT is installed in an environment test chamber with external power source.
2. Set the chamber to operate at 20 centigrade and external power source to output at nominal voltage of EUT.
3. A sufficient stabilization period at each temperature is used prior to each frequency measurement.
4. When temperature is stabled, measure the frequency stability.
5. The test shall be performed under normal and extreme condition for temperature and voltage.

3.5.3 Test Setup



3.5.4 Test Results

Ambient Condition	23-24°C / 64-66%	Tested By	Roger Lu

Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

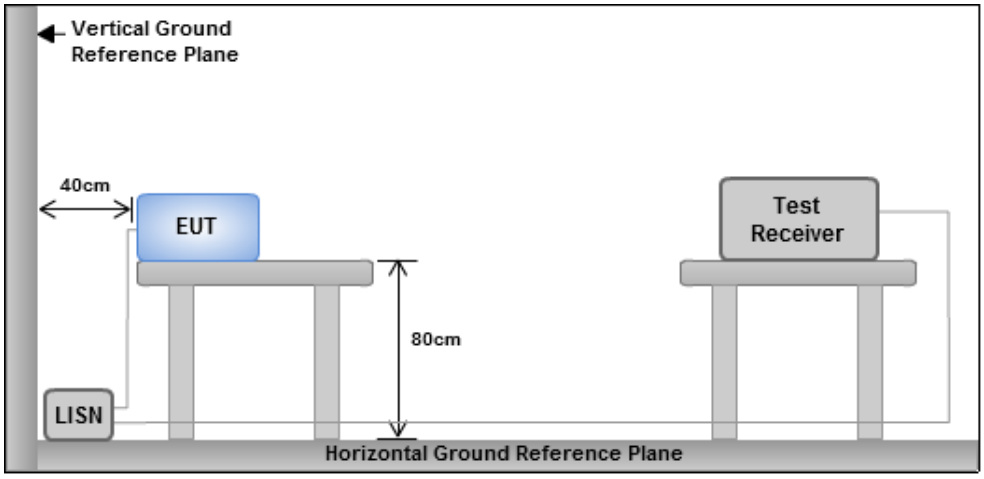
3.6.1 Limit of AC Power Line Conducted Emissions

Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.6.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V/60Hz

3.6.3 Test Setup



Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.6.4 Test Results

Refer to Appendix F.

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website https://www.icertifi.com.tw.

Linkou

Tel: 886-2-2601-1640

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If you have any suggestion, please feel free to contact us as below information.

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Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.15M	16.197M	16M2D1D	17.875M	16.183M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.46M	18.726M	18M7D1D	20.405M	18.716M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.71M	37.497M	37M5D1D	39.6M	37.464M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.74M	76.955M	77M0D1D	80.74M	76.879M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	15.07M	16.205M	16M2D1D	15.015M	16.188M
802.11ax HEW20_Nss1,(MCS0)_2TX	15.895M	18.714M	18M7D1D	15.4M	18.699M
802.11ax HEW40_Nss1,(MCS0)_2TX	34.98M	37.482M	37M5D1D	34.65M	37.435M
802.11ax HEW80_Nss1,(MCS0)_2TX	76.34M	76.976M	77M0D1D	75.24M	76.932M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

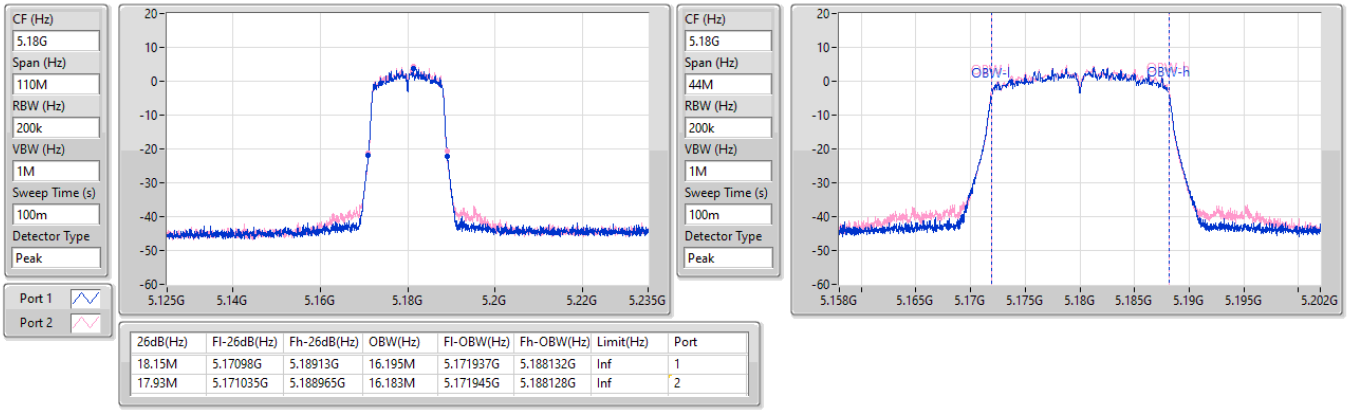
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	18.15M	16.195M	17.93M	16.183M
5200MHz	Pass	Inf	18.04M	16.192M	17.875M	16.194M
5240MHz	Pass	Inf	17.985M	16.192M	17.93M	16.197M
5745MHz	Pass	500k	15.015M	16.191M	15.015M	16.205M
5785MHz	Pass	500k	15.015M	16.188M	15.015M	16.195M
5825MHz	Pass	500k	15.07M	16.197M	15.07M	16.197M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.46M	18.717M	20.405M	18.726M
5200MHz	Pass	Inf	20.405M	18.716M	20.405M	18.723M
5240MHz	Pass	Inf	20.405M	18.717M	20.405M	18.722M
5745MHz	Pass	500k	15.895M	18.699M	15.84M	18.709M
5785MHz	Pass	500k	15.4M	18.704M	15.84M	18.704M
5825MHz	Pass	500k	15.785M	18.714M	15.84M	18.71M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.6M	37.467M	39.6M	37.486M
5230MHz	Pass	Inf	39.6M	37.464M	39.71M	37.497M
5755MHz	Pass	500k	34.65M	37.459M	34.98M	37.436M
5795MHz	Pass	500k	34.98M	37.435M	34.98M	37.482M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.74M	76.879M	80.74M	76.955M
5775MHz	Pass	500k	76.34M	76.976M	75.24M	76.932M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

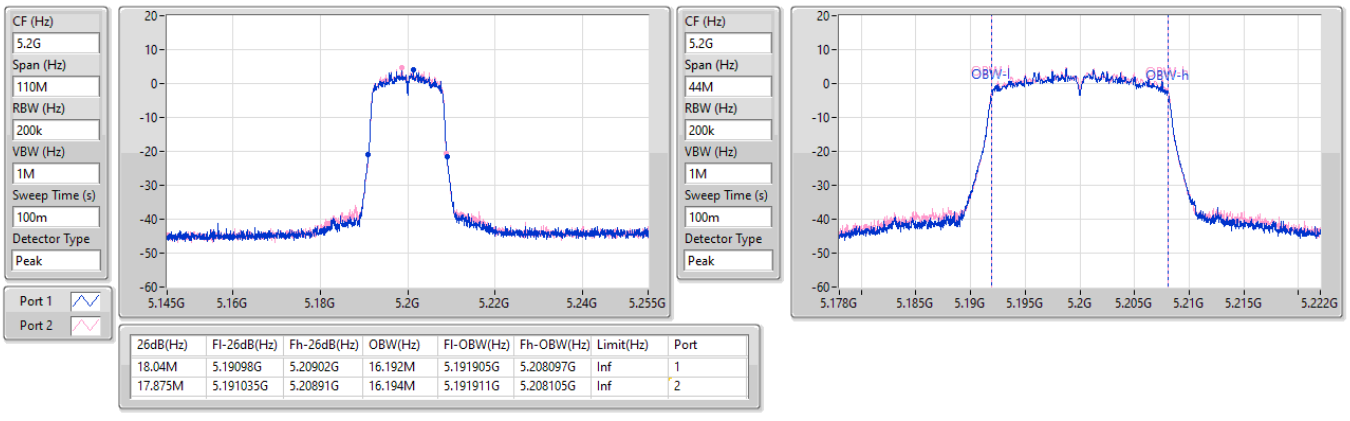
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.15M	5.17098G	5.18913G	16.195M	5.171937G	5.188132G	Inf	1
17.93M	5.171035G	5.188965G	16.183M	5.171945G	5.188128G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

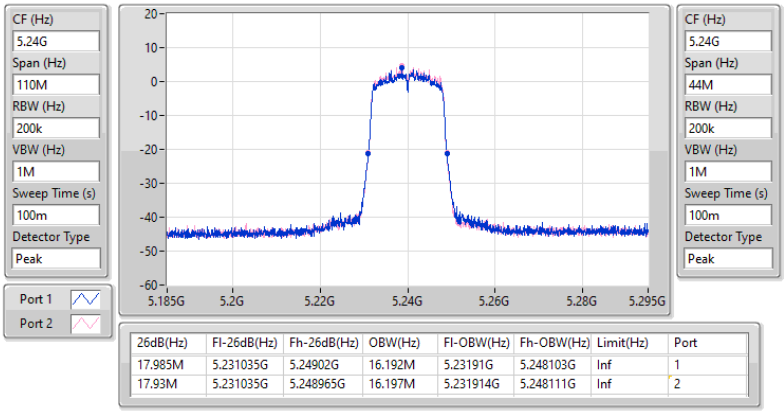
5200MHz

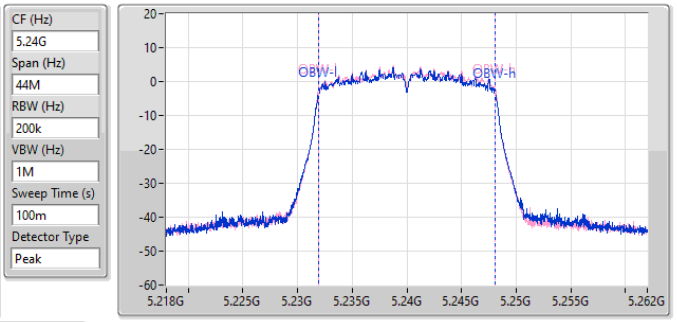


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.04M	5.19098G	5.20902G	16.192M	5.191905G	5.208097G	Inf	1
17.875M	5.191035G	5.20891G	16.194M	5.191911G	5.208105G	Inf	2

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5240MHz

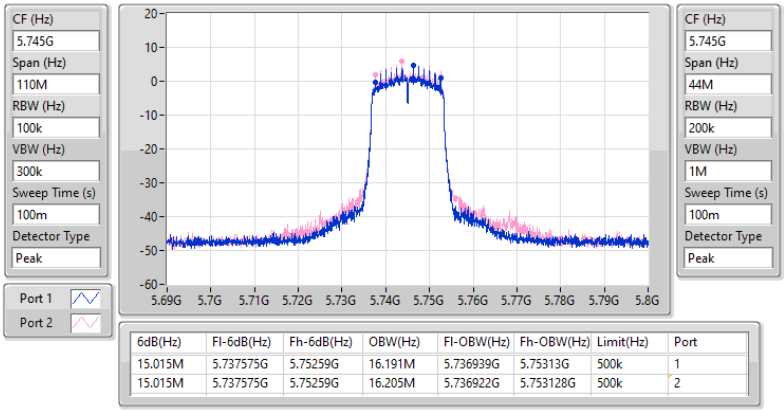


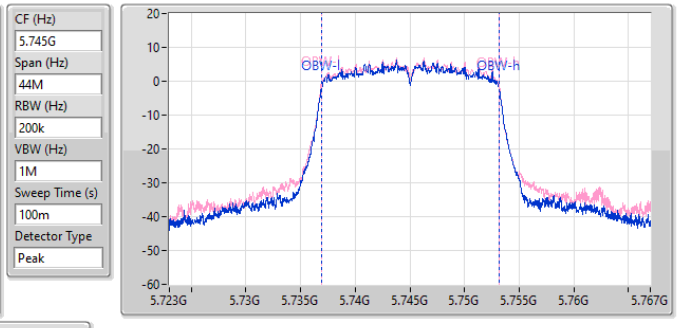


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.985M	5.231035G	5.24902G	16.192M	5.23191G	5.248103G	Inf	1
17.93M	5.231035G	5.248965G	16.197M	5.231914G	5.248111G	Inf	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5745MHz

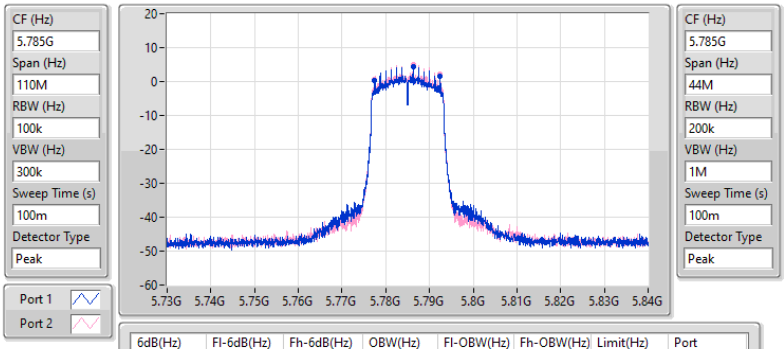


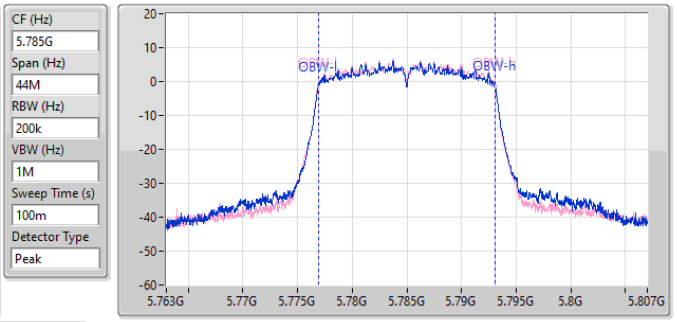


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.015M	5.737575G	5.75259G	16.191M	5.736939G	5.75313G	500k	1
15.015M	5.737575G	5.75259G	16.205M	5.736922G	5.753128G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5785MHz

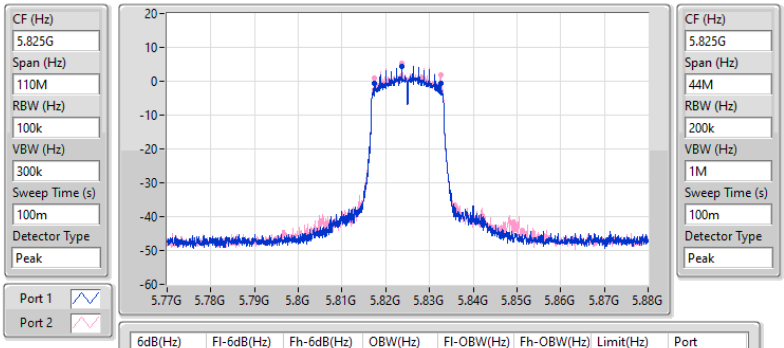


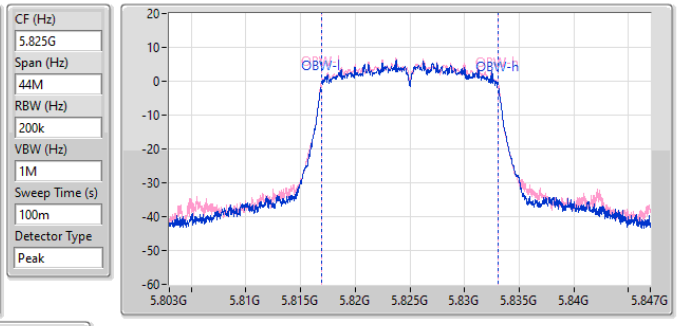


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.015M	5.777465G	5.79248G	16.188M	5.776895G	5.793084G	500k	1
15.015M	5.777465G	5.79248G	16.195M	5.776888G	5.793083G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **EBW**

5825MHz

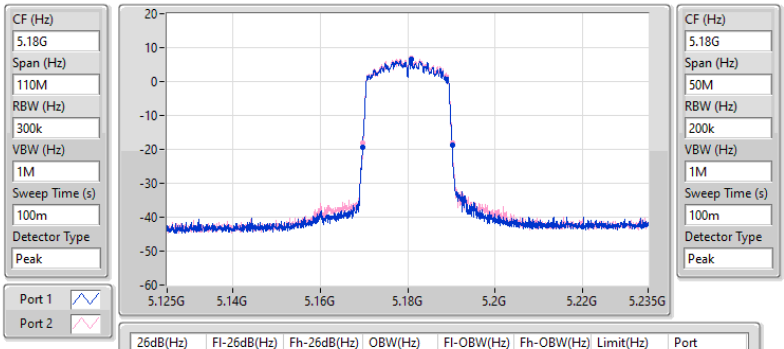


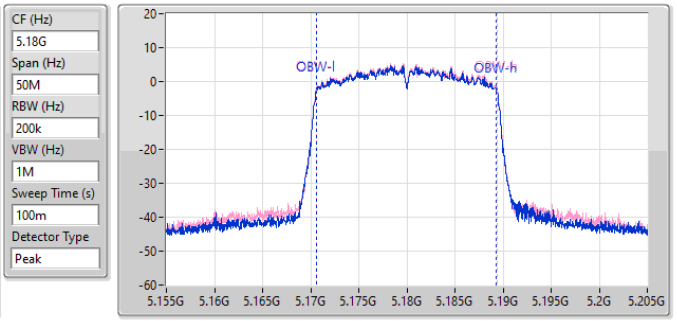


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.07M	5.817465G	5.832535G	16.197M	5.816889G	5.833086G	500k	1
15.07M	5.817465G	5.832535G	16.197M	5.816884G	5.833081G	500k	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5180MHz

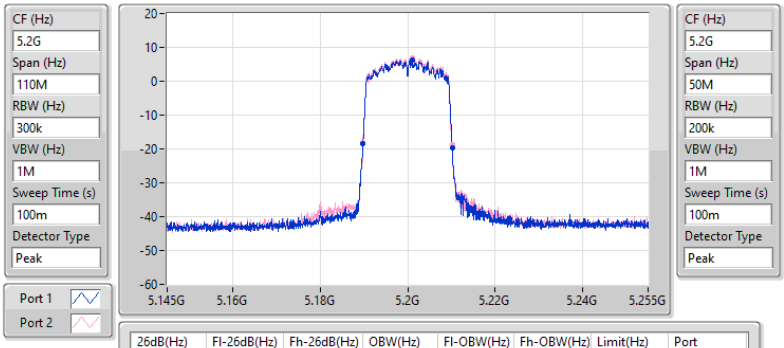


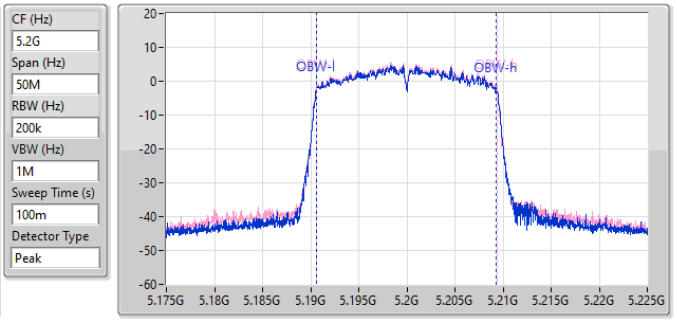


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.46M	5.169715G	5.190175G	18.717M	5.170621G	5.189338G	Inf	1
20.405M	5.16977G	5.190175G	18.726M	5.170626G	5.189352G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

5200MHz

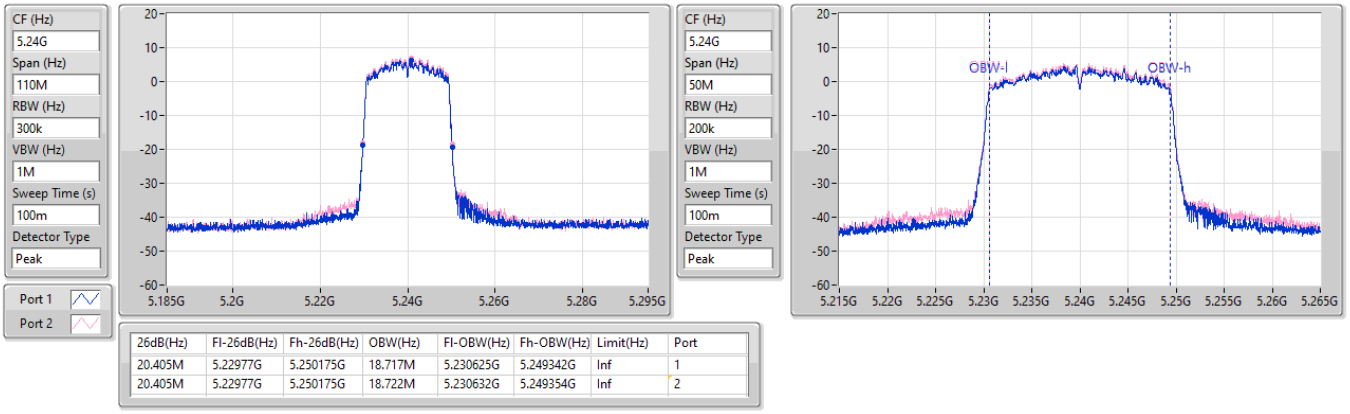




26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.405M	5.18977G	5.210175G	18.716M	5.190623G	5.209339G	Inf	1
20.405M	5.18977G	5.210175G	18.723M	5.190623G	5.209346G	Inf	2

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

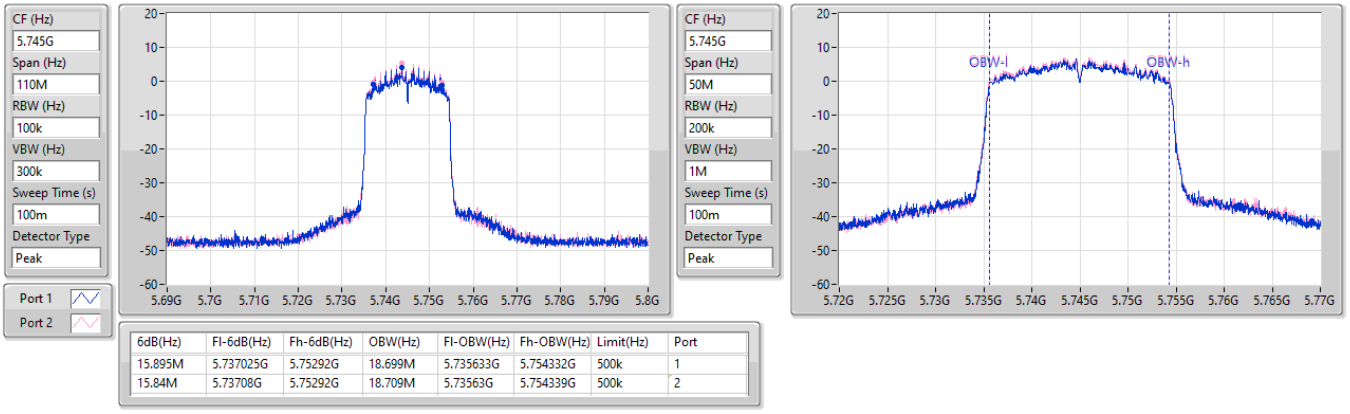
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.405M	5.22977G	5.250175G	18.717M	5.230625G	5.249342G	Inf	1
20.405M	5.22977G	5.250175G	18.722M	5.230632G	5.249354G	Inf	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

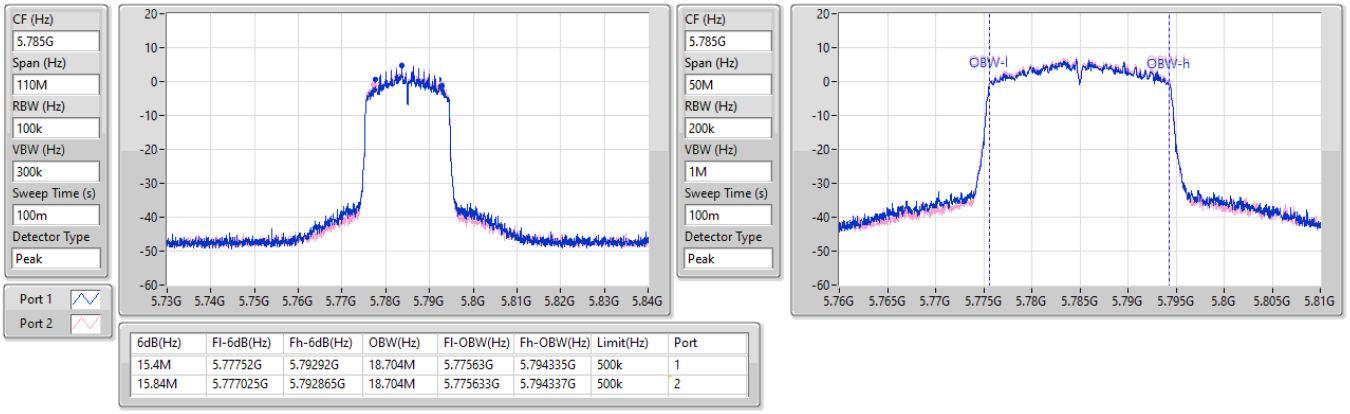
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.895M	5.737025G	5.75292G	18.699M	5.735633G	5.754332G	500k	1
15.84M	5.73708G	5.75292G	18.709M	5.73563G	5.754339G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

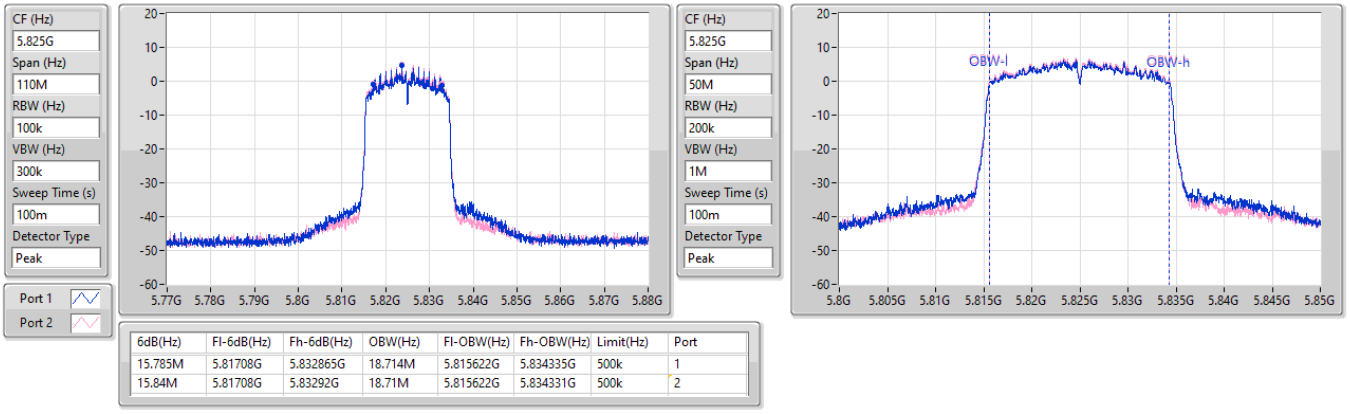
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.4M	5.77752G	5.79292G	18.704M	5.77563G	5.794335G	500k	1
15.84M	5.777025G	5.792865G	18.704M	5.775633G	5.794337G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

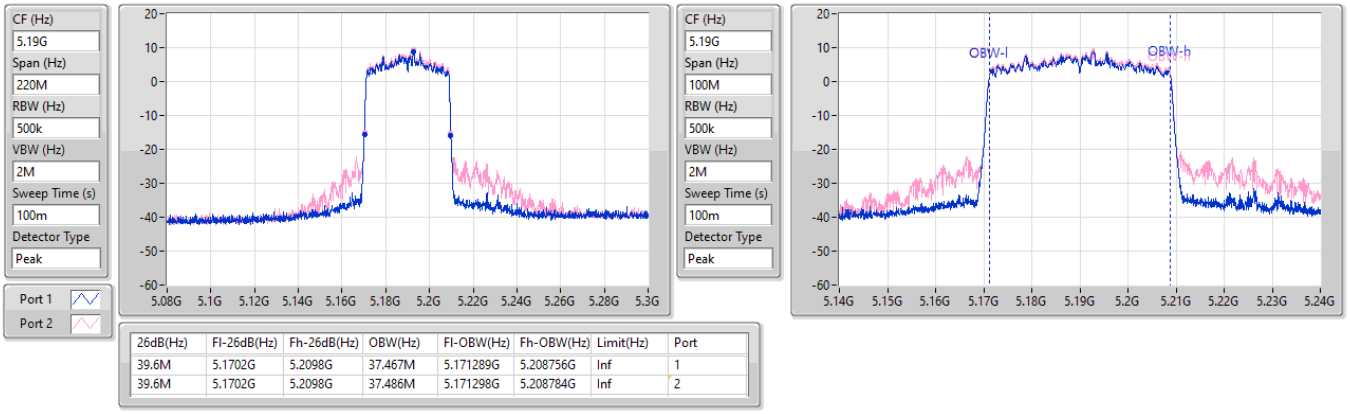
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.785M	5.81708G	5.832865G	18.714M	5.815622G	5.834335G	500k	1
15.84M	5.81708G	5.83292G	18.71M	5.815622G	5.834331G	500k	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

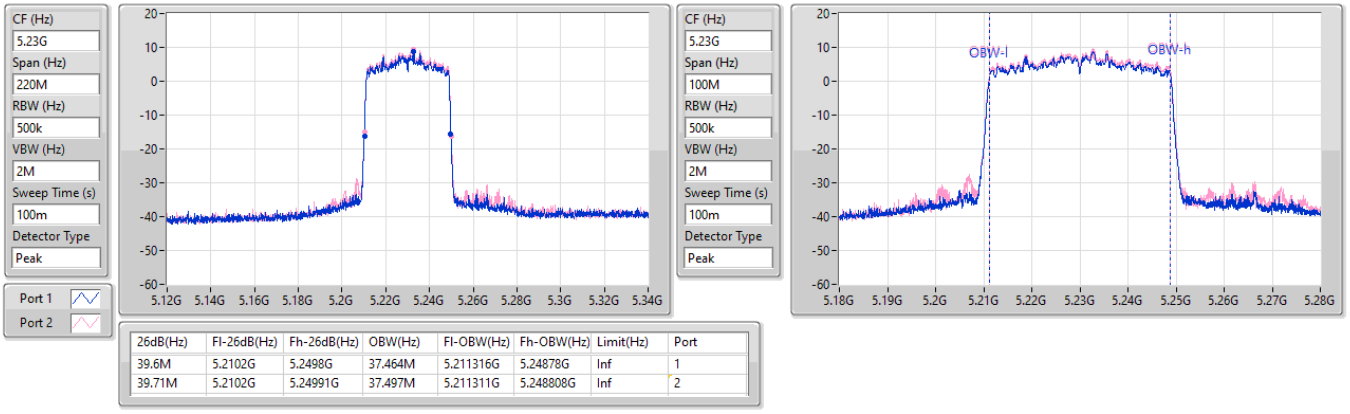
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.1702G	5.2098G	37.467M	5.171289G	5.208756G	Inf	1
39.6M	5.1702G	5.2098G	37.486M	5.171298G	5.208784G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

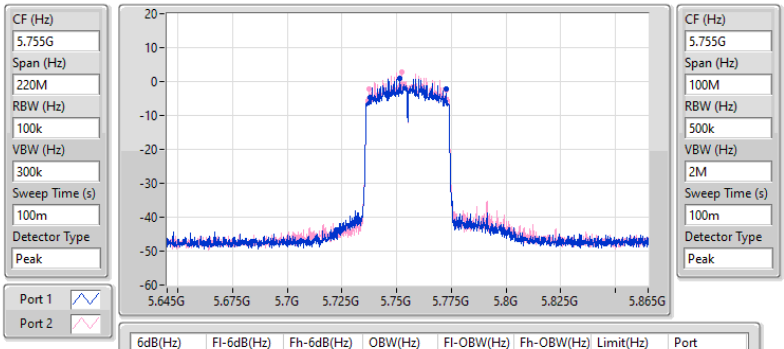
5230MHz

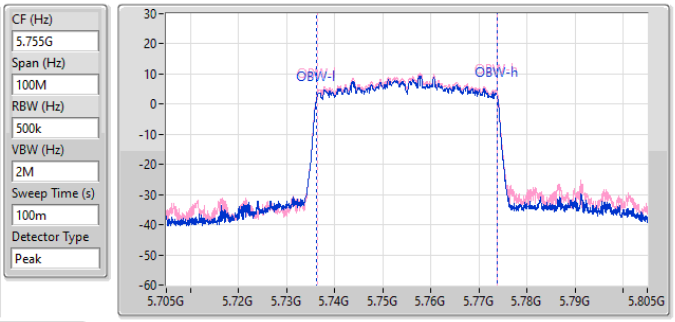


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.2102G	5.2498G	37.464M	5.211316G	5.24878G	Inf	1
39.71M	5.2102G	5.24991G	37.497M	5.211311G	5.248808G	Inf	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5755MHz

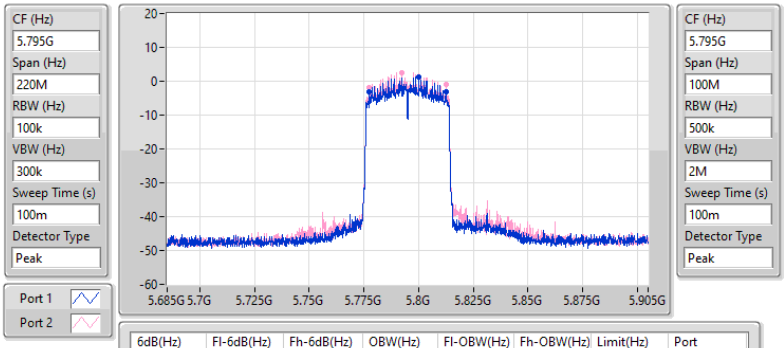


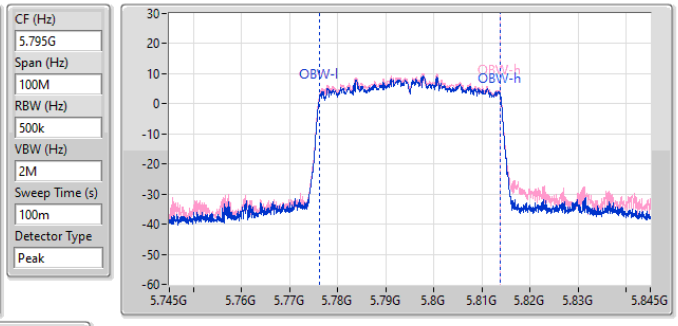


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.65M	5.73784G	5.77249G	37.459M	5.73631G	5.773769G	500k	1
34.98M	5.73751G	5.77249G	37.436M	5.736329G	5.773765G	500k	2

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5795MHz

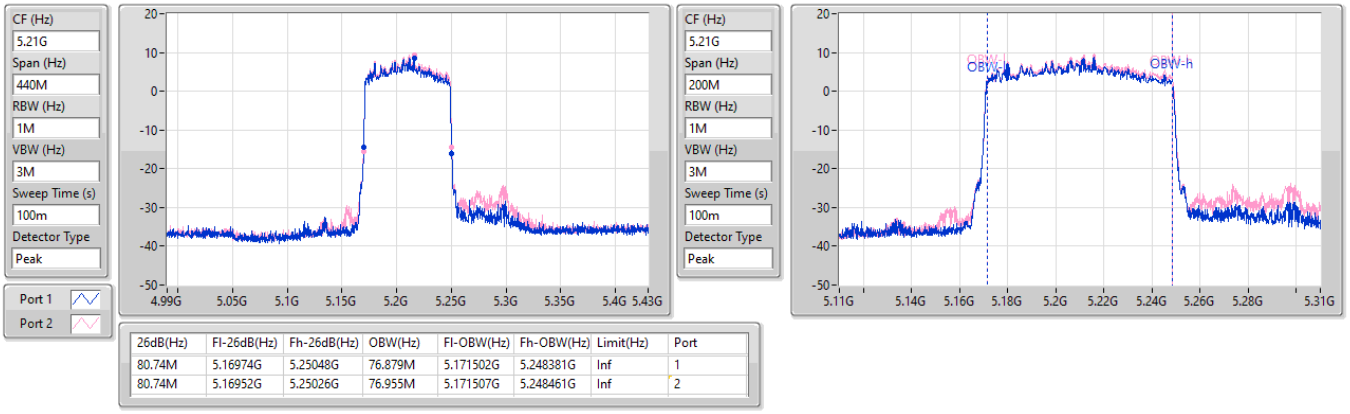




6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.98M	5.77751G	5.81249G	37.435M	5.776307G	5.813742G	500k	1
34.98M	5.77751G	5.81249G	37.482M	5.776289G	5.813771G	500k	2

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

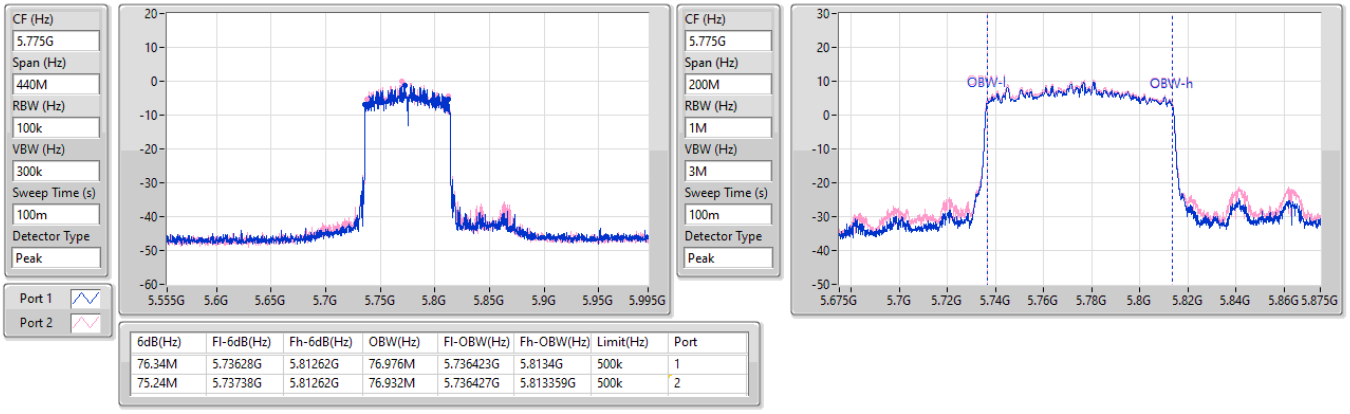
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.74M	5.16974G	5.25048G	76.879M	5.171502G	5.248381G	Inf	1
80.74M	5.16952G	5.25026G	76.955M	5.171507G	5.248461G	Inf	2

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **EBW**

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.34M	5.73628G	5.81262G	76.976M	5.736423G	5.8134G	500k	1
75.24M	5.73738G	5.81262G	76.932M	5.736427G	5.813359G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.85	0.04842	19.01	0.07962
802.11ax HEW20_Nss1,(MCS0)_2TX	17.11	0.05140	19.27	0.08453
802.11ax HEW40_Nss1,(MCS0)_2TX	18.53	0.07129	20.69	0.11722
802.11ax HEW80_Nss1,(MCS0)_2TX	18.21	0.06622	20.37	0.10889
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.72	0.07447	20.97	0.12503
802.11ax HEW20_Nss1,(MCS0)_2TX	18.56	0.07178	20.81	0.12050
802.11ax HEW40_Nss1,(MCS0)_2TX	18.72	0.07447	20.97	0.12503
802.11ax HEW80_Nss1,(MCS0)_2TX	18.31	0.06776	20.56	0.11376

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.16	13.51	14.14	16.85	24.00	19.01	30.00
5200MHz	Pass	2.16	13.49	14.12	16.83	24.00	18.99	30.00
5240MHz	Pass	2.16	13.32	14.01	16.69	24.00	18.85	30.00
5745MHz	Pass	2.25	15.54	15.87	18.72	30.00	20.97	36.00
5785MHz	Pass	2.25	15.39	15.93	18.68	30.00	20.93	36.00
5825MHz	Pass	2.25	15.46	15.89	18.69	30.00	20.94	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.16	13.71	14.46	17.11	24.00	19.27	30.00
5200MHz	Pass	2.16	13.63	14.49	17.09	24.00	19.25	30.00
5240MHz	Pass	2.16	13.52	14.31	16.94	24.00	19.10	30.00
5745MHz	Pass	2.25	15.22	15.85	18.56	30.00	20.81	36.00
5785MHz	Pass	2.25	15.15	15.81	18.50	30.00	20.75	36.00
5825MHz	Pass	2.25	15.26	15.83	18.56	30.00	20.81	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.16	15.08	15.91	18.53	24.00	20.69	30.00
5230MHz	Pass	2.16	14.89	15.62	18.28	24.00	20.44	30.00
5755MHz	Pass	2.25	15.43	15.97	18.72	30.00	20.97	36.00
5795MHz	Pass	2.25	15.36	15.93	18.66	30.00	20.91	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.16	14.93	15.46	18.21	24.00	20.37	30.00
5775MHz	Pass	2.25	15.03	15.55	18.31	30.00	20.56	36.00

DG = Directional Gain; Port X = Port X output power

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	4.94	9.46
802.11ax HEW20_Nss1,(MCS0)_2TX	5.08	9.60
802.11ax HEW40_Nss1,(MCS0)_2TX	3.26	7.78
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.90	3.62
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.17	9.48
802.11ax HEW20_Nss1,(MCS0)_2TX	4.73	9.04
802.11ax HEW40_Nss1,(MCS0)_2TX	1.79	6.10
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.37	2.94

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.52	1.71	2.31	4.94	11.00	9.46	17.00
5200MHz	Pass	4.52	1.59	2.27	4.92	11.00	9.44	17.00
5240MHz	Pass	4.52	1.43	2.18	4.76	11.00	9.28	17.00
5745MHz	Pass	4.31	1.87	2.59	5.17	30.00	9.48	36.00
5785MHz	Pass	4.31	1.81	2.34	4.98	30.00	9.29	36.00
5825MHz	Pass	4.31	1.83	2.49	5.01	30.00	9.32	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.52	1.59	2.54	5.08	11.00	9.60	17.00
5200MHz	Pass	4.52	1.70	2.47	4.98	11.00	9.50	17.00
5240MHz	Pass	4.52	1.76	2.16	4.97	11.00	9.49	17.00
5745MHz	Pass	4.31	1.29	2.09	4.65	30.00	8.96	36.00
5785MHz	Pass	4.31	1.37	2.05	4.73	30.00	9.04	36.00
5825MHz	Pass	4.31	1.26	1.95	4.52	30.00	8.83	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.52	-0.08	0.64	3.26	11.00	7.78	17.00
5230MHz	Pass	4.52	-0.25	0.32	2.98	11.00	7.50	17.00
5755MHz	Pass	4.31	-1.75	-0.61	1.79	30.00	6.10	36.00
5795MHz	Pass	4.31	-1.58	-0.80	1.77	30.00	6.08	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.52	-4.27	-3.55	-0.90	11.00	3.62	17.00
5775MHz	Pass	4.31	-4.51	-3.95	-1.37	30.00	2.94	36.00

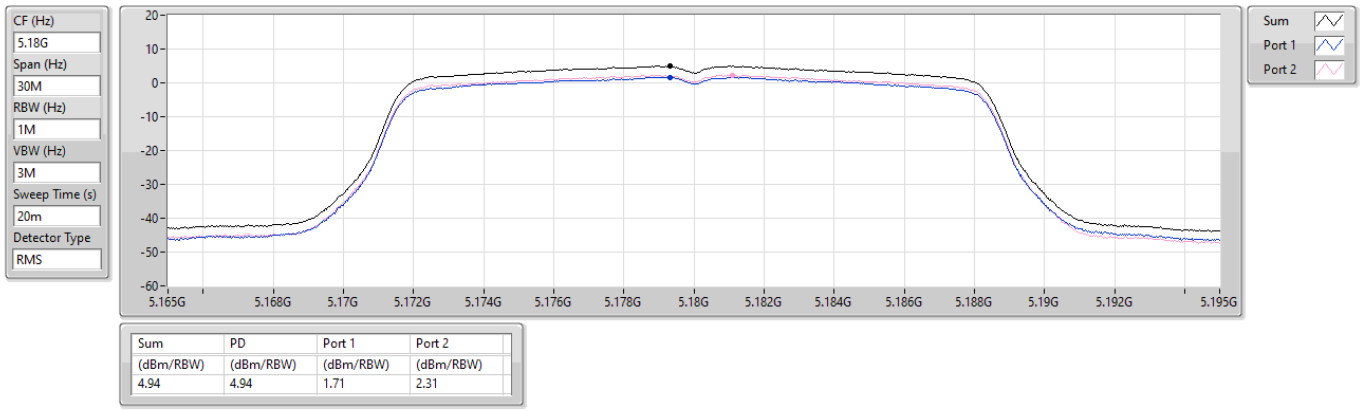
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

Directional gain = 10 log [($10^{G1/20} + 10^{G2/20}$)^2 / N_{ANT}]

Ant. No.	Operating Frequencies (MHz) / Antenna Gain (dBi)	
	5150 ~ 5250	5725 ~ 5850
1	0.81	0.24
2	2.16	2.25
Directional Gain (dBi)	4.52	4.31

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

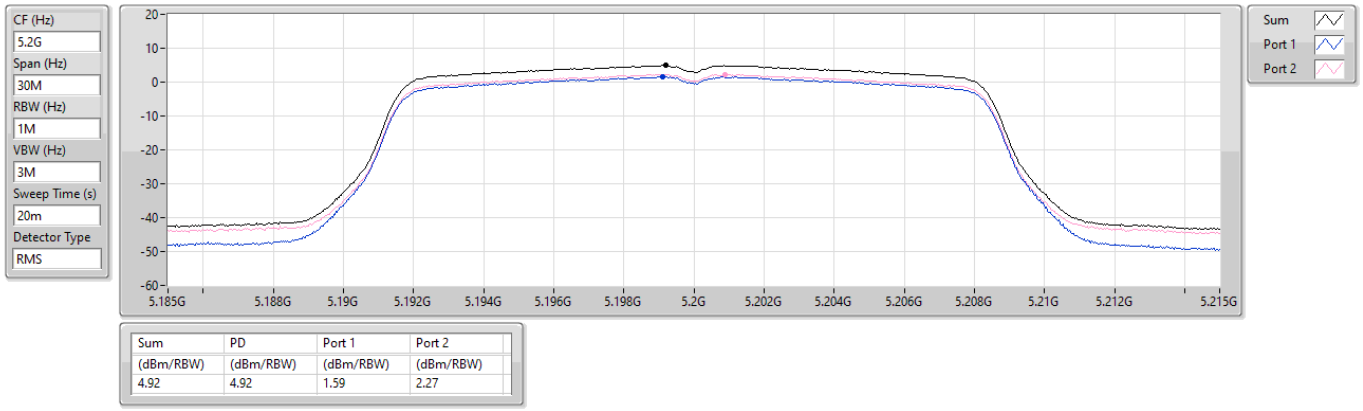
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.94	4.94	1.71	2.31

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

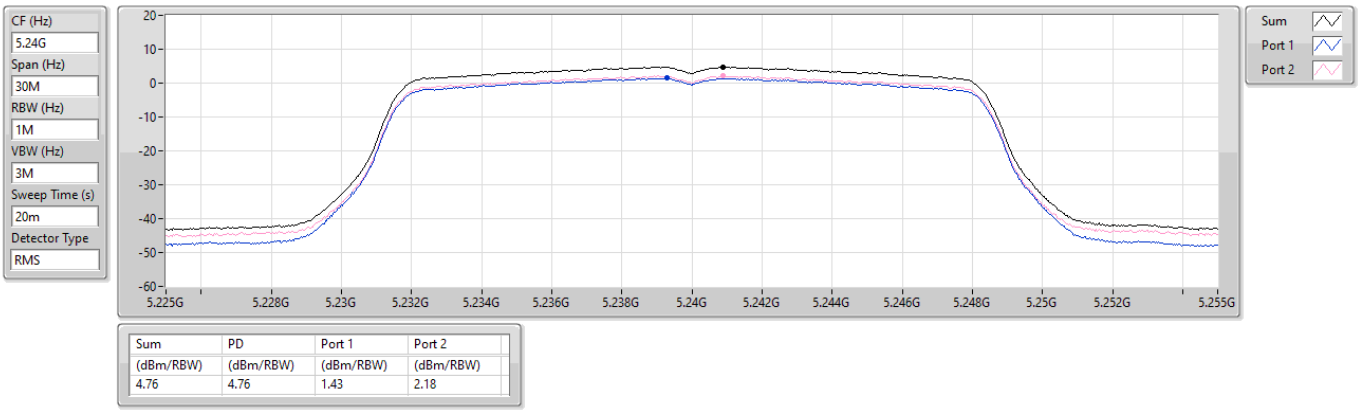
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	1.59	2.27

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

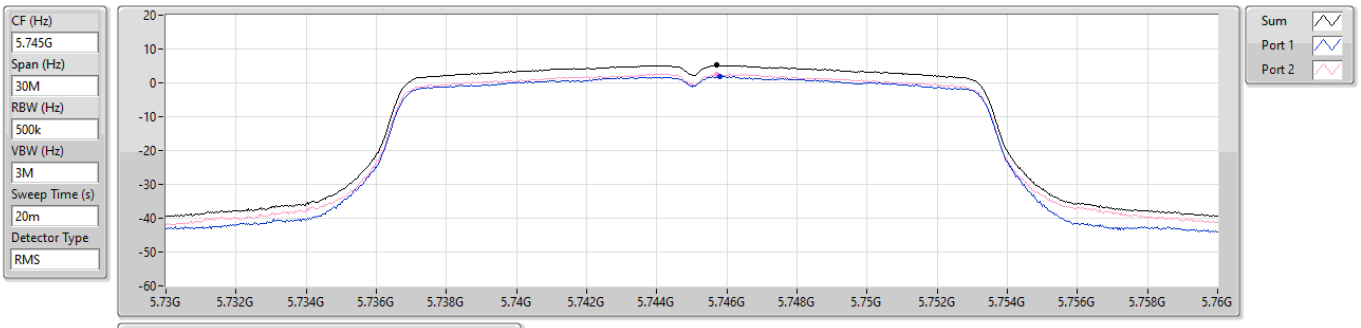
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.76	4.76	1.43	2.18

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

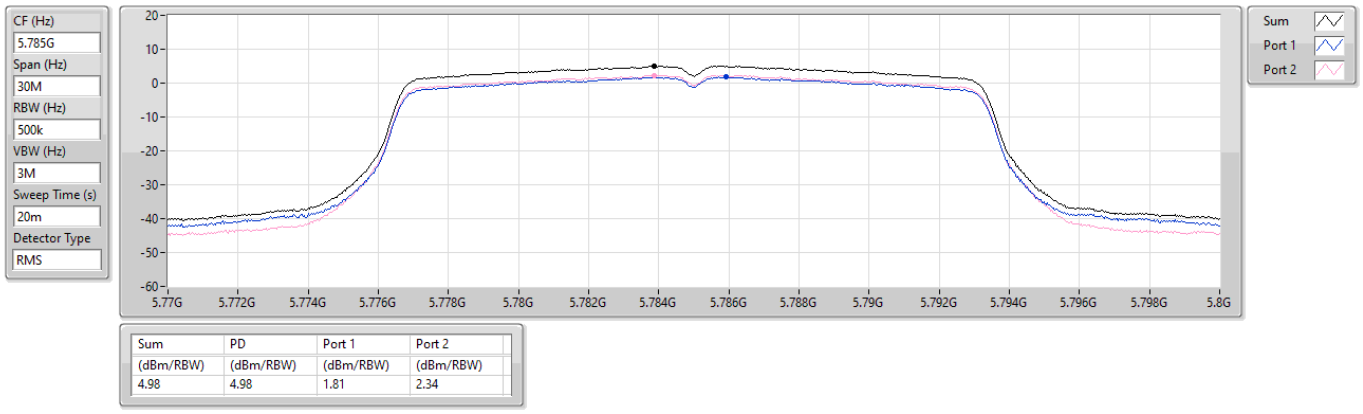
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.17	5.17	1.87	2.59

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

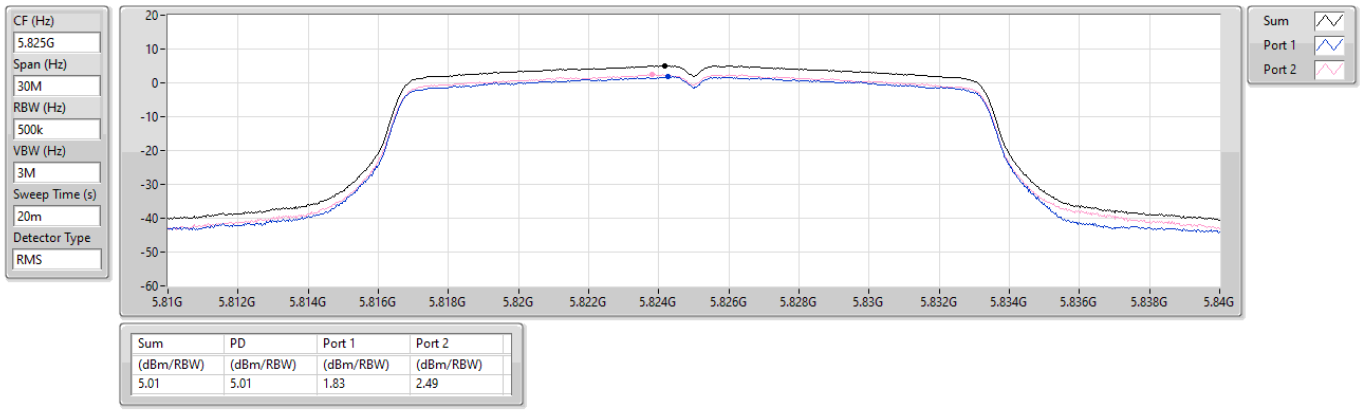
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	1.81	2.34

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX **PSD**

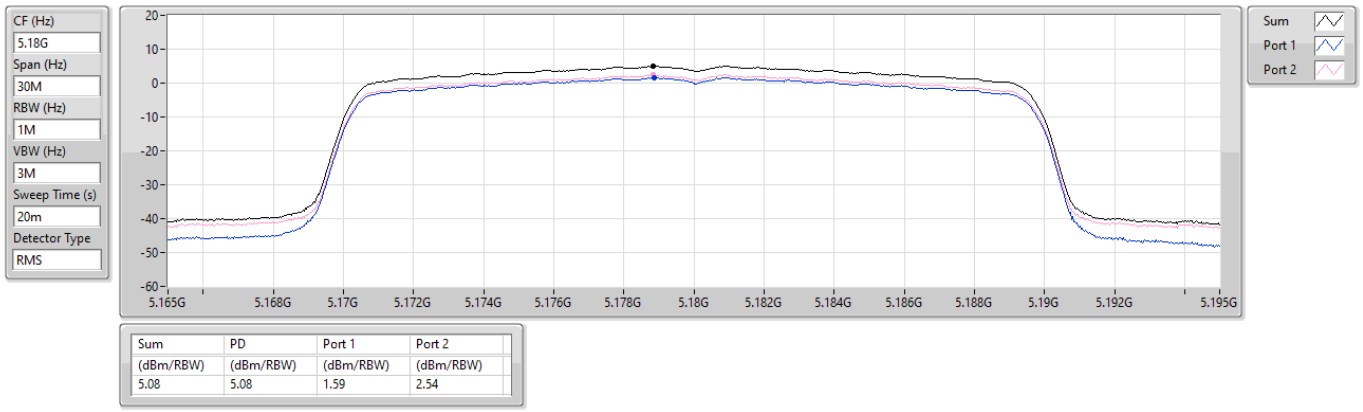
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.01	5.01	1.83	2.49

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

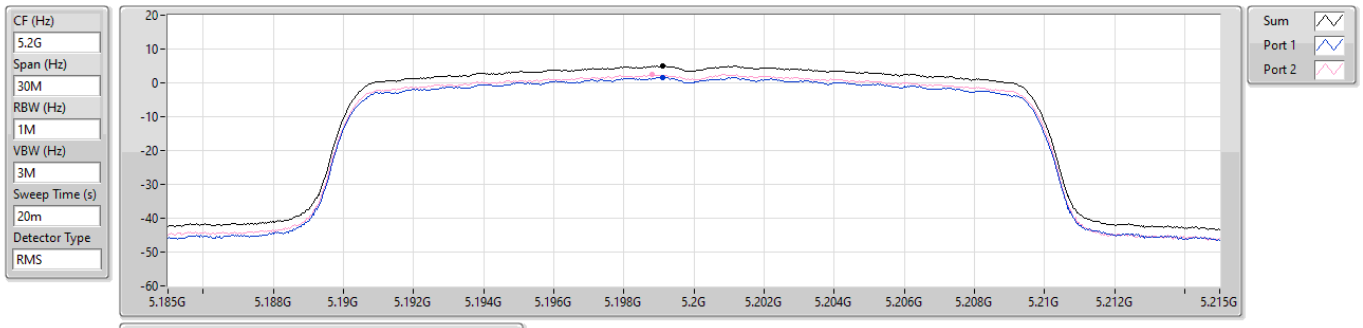
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.08	5.08	1.59	2.54

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

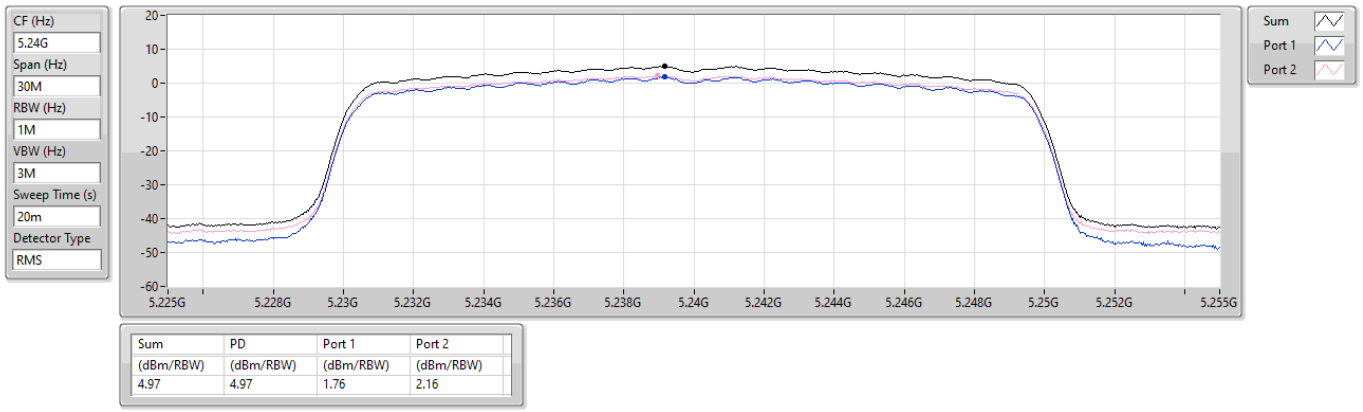
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	1.70	2.47

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

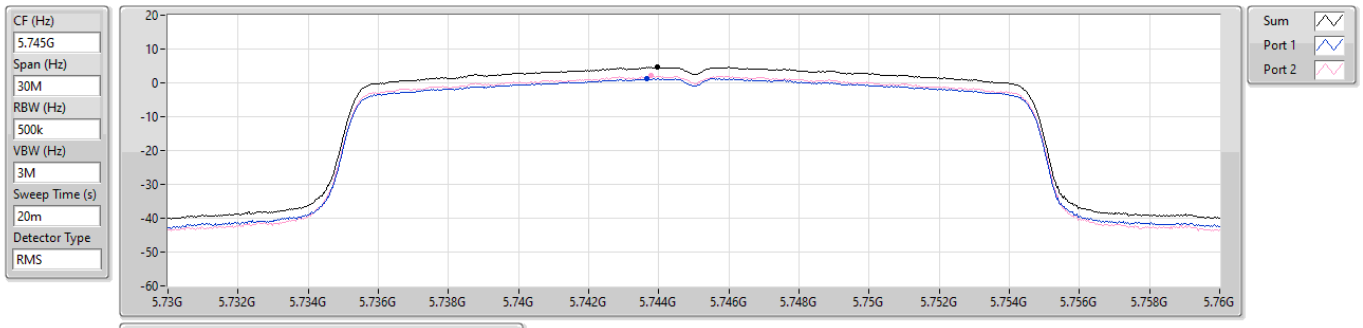
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.97	4.97	1.76	2.16

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

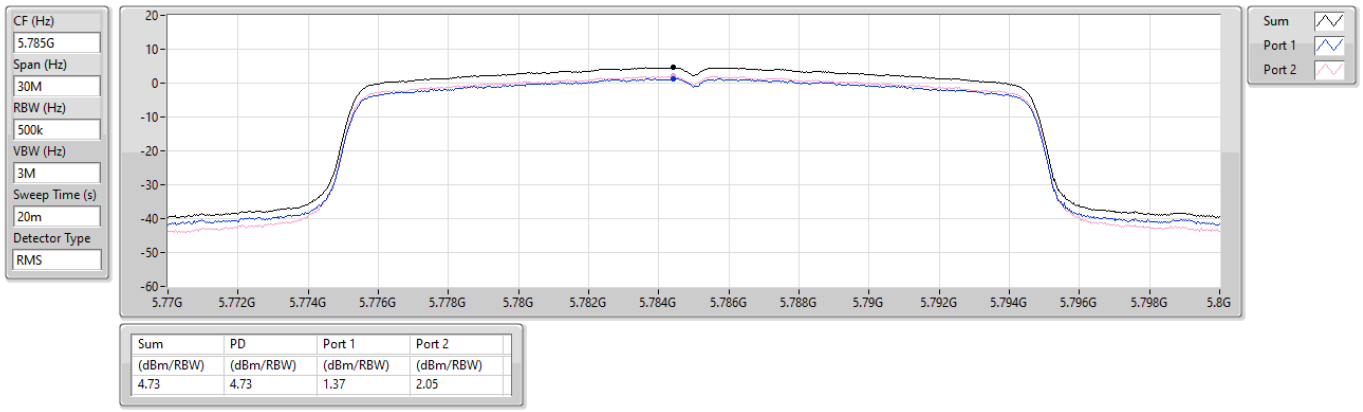
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.65	4.65	1.29	2.09

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

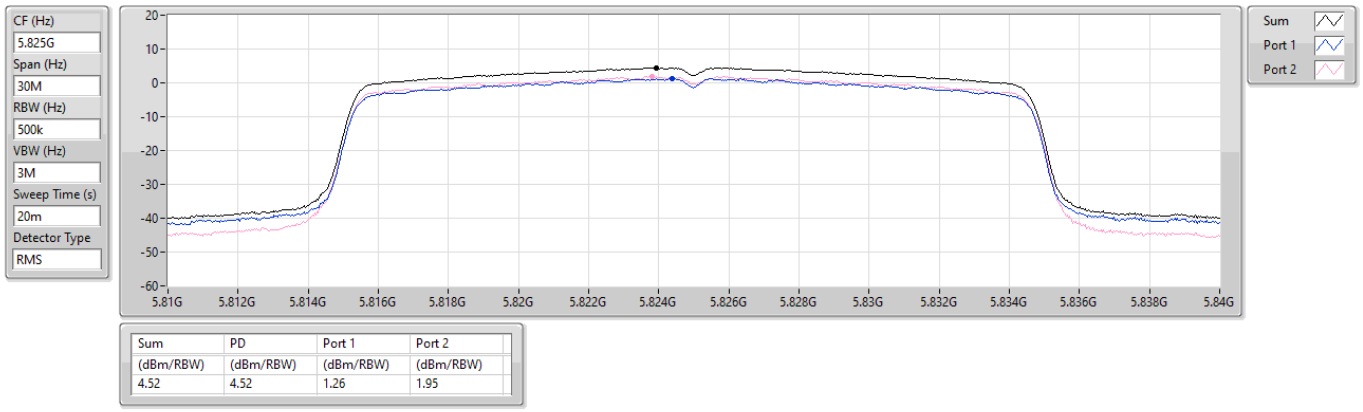
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.73	4.73	1.37	2.05

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

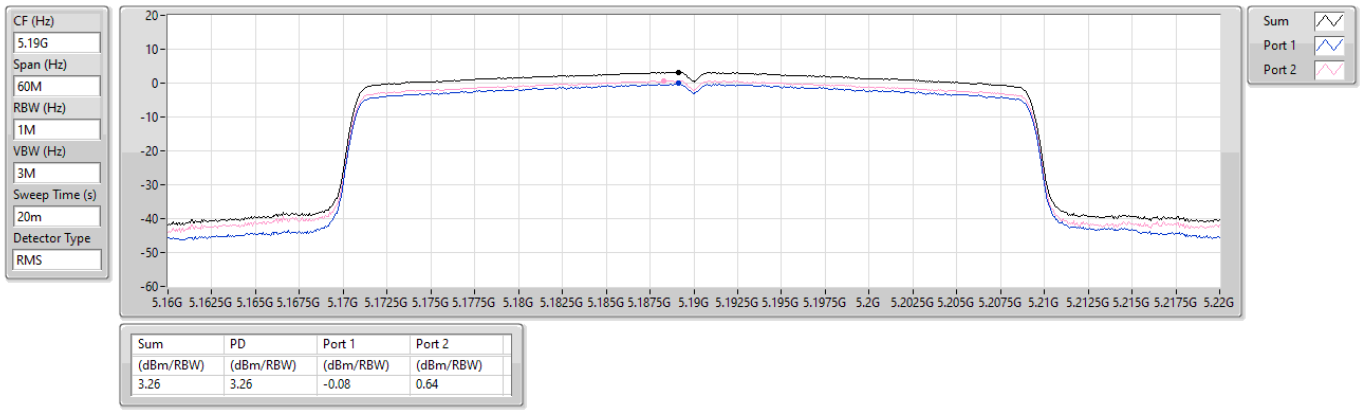
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.52	4.52	1.26	1.95

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

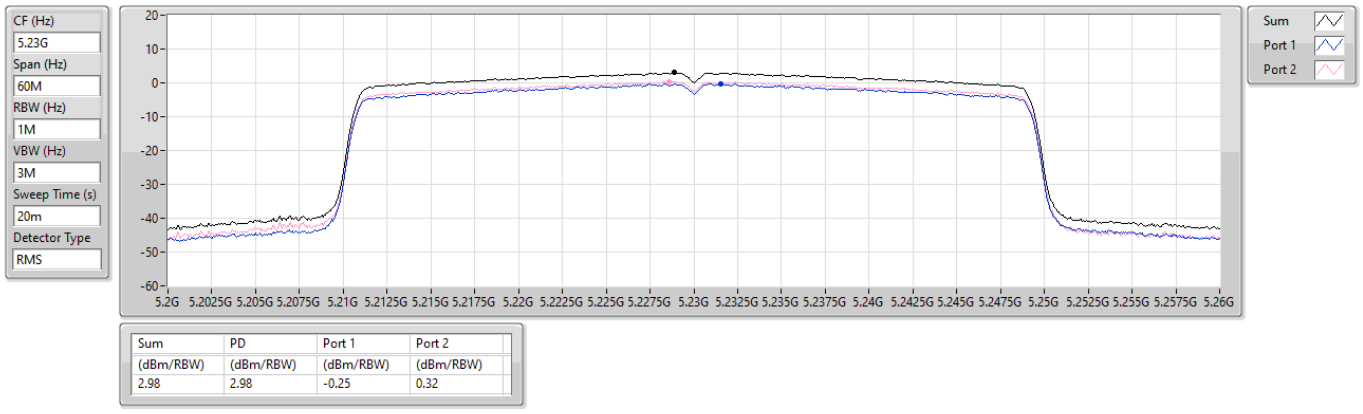
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.26	3.26	-0.08	0.64

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

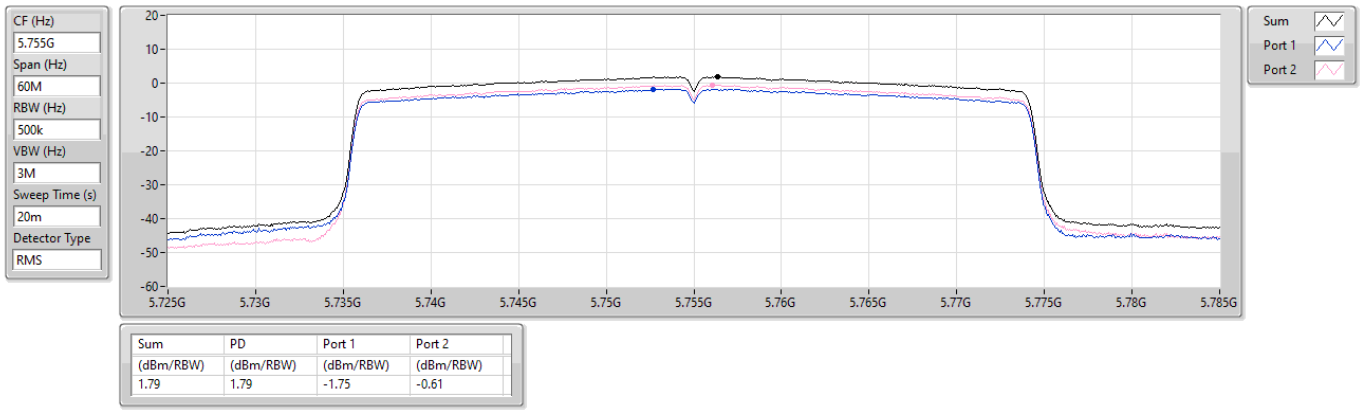
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.98	2.98	-0.25	0.32

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

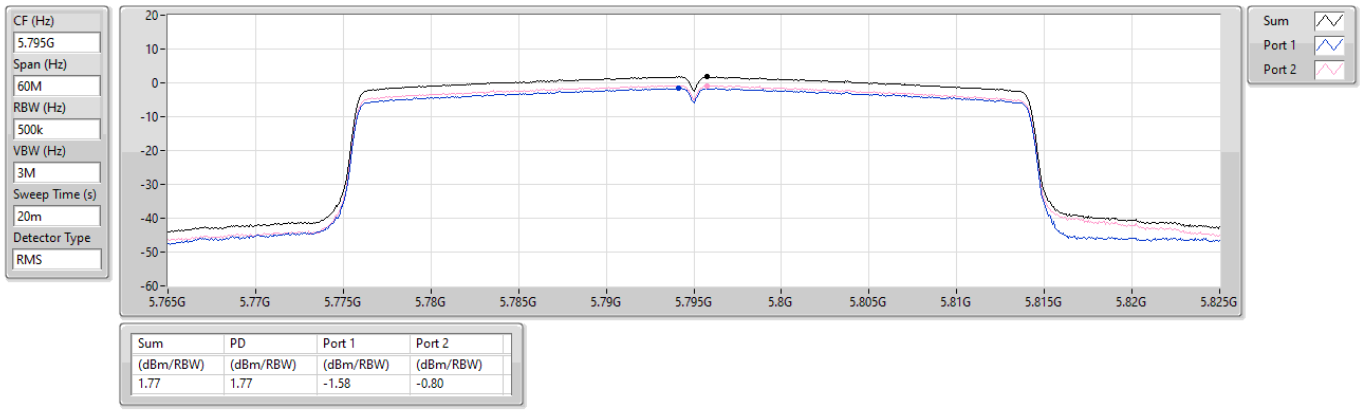
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.79	1.79	-1.75	-0.61

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

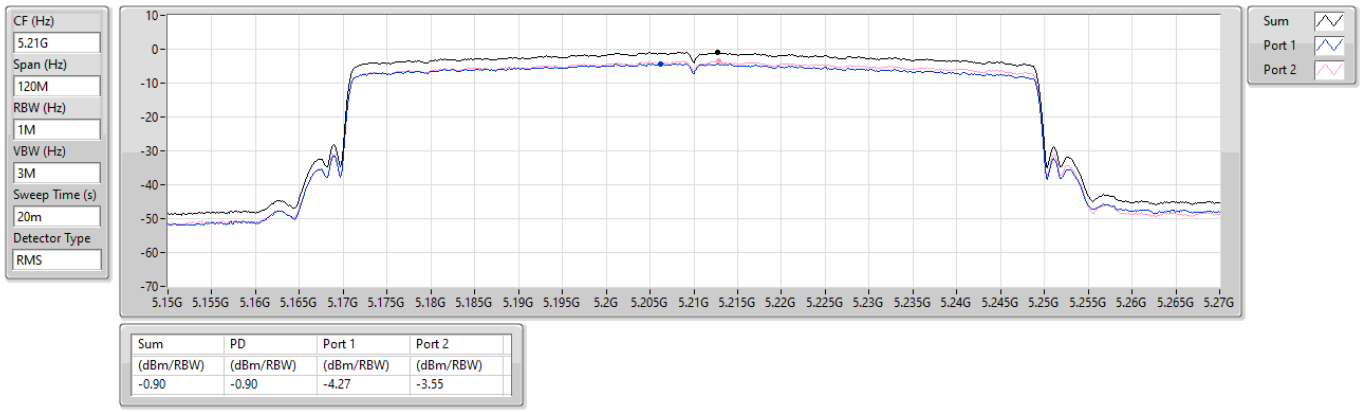
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.77	1.77	-1.58	-0.80

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

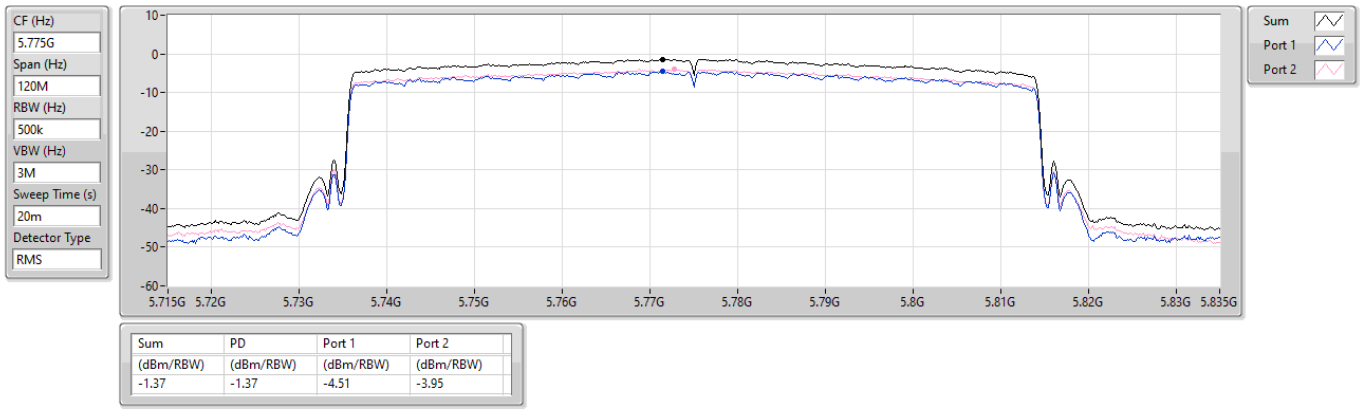
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.90	-0.90	-4.27	-3.55

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

5775MHz

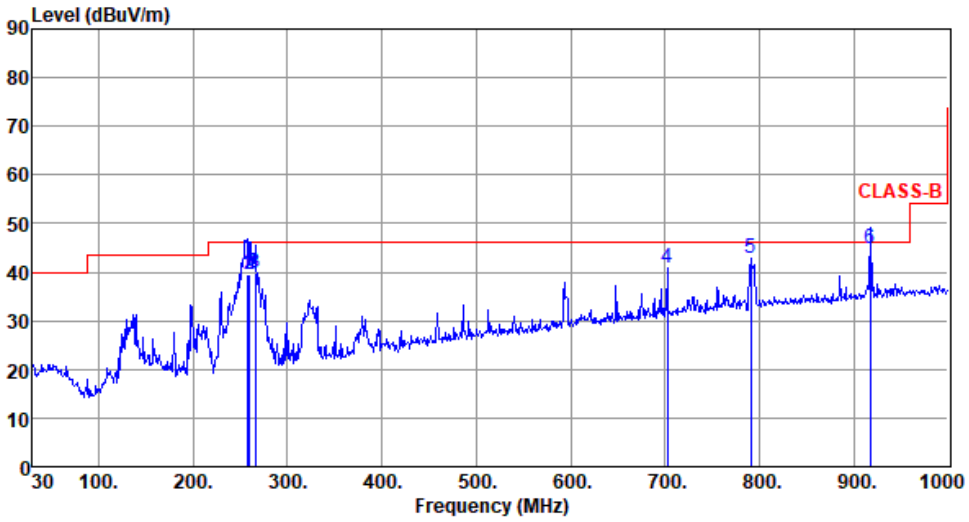


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.37	-1.37	-4.51	-3.95

Unwanted Emissions (Below 1GHz)

Modulation	ax HE40	**Test Freq. (MHz)**	5755
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

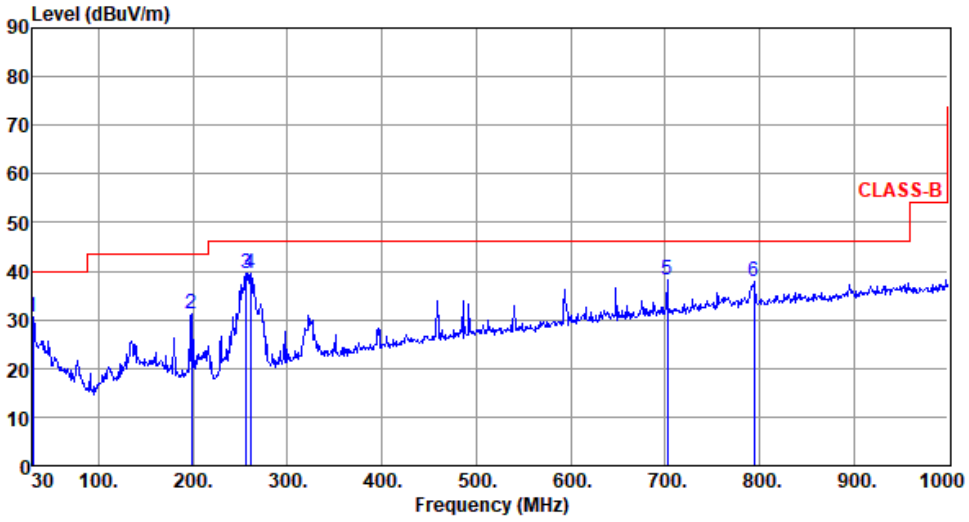


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	256.98	39.63	46.00	-6.37	48.98	-9.35	QP	100	103
2	259.89	39.62	46.00	-6.38	48.83	-9.21	QP	100	105
3	265.71	39.73	46.00	-6.27	48.77	-9.04	QP	100	104
4	702.21	40.74	46.00	-5.26	38.45	2.29	Peak	---	---
5	790.48	42.70	46.00	-3.30	38.51	4.19	Peak	---	---
6	917.55	44.85	46.00	-1.15	38.30	6.55	QP	100	137

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	ax HE40	**Test Freq. (MHz)**	5755
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64



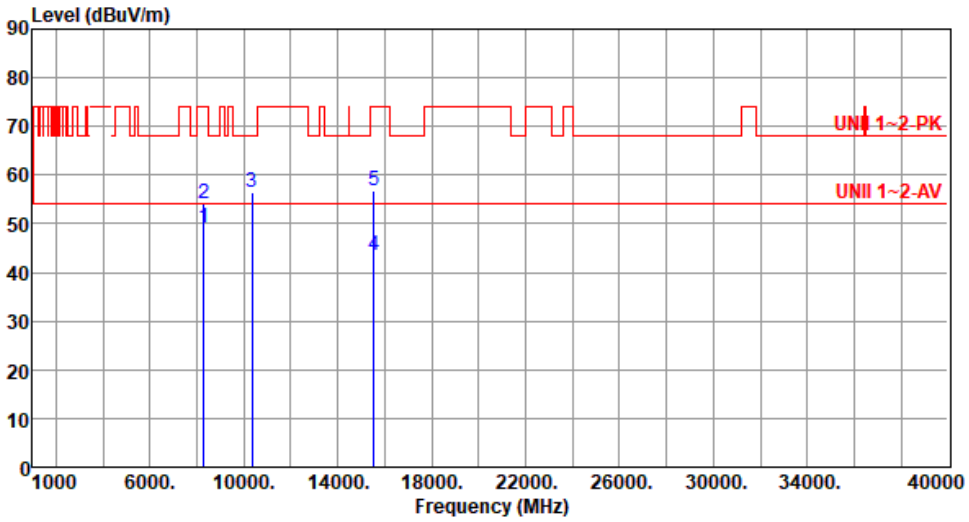
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	30.00	30.49	40.00	-9.51	40.54	-10.05	Peak	---	---
2	198.78	31.31	43.50	-12.19	42.84	-11.53	Peak	---	---
3	256.01	39.64	46.00	-6.36	49.04	-9.40	Peak	---	---
4	260.86	39.41	46.00	-6.59	48.60	-9.19	Peak	---	---
5	702.21	38.04	46.00	-7.96	35.75	2.29	Peak	---	---
6	794.36	37.76	46.00	-8.24	33.46	4.30	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Unwanted Emissions (Above 1GHz) for 11a

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):65

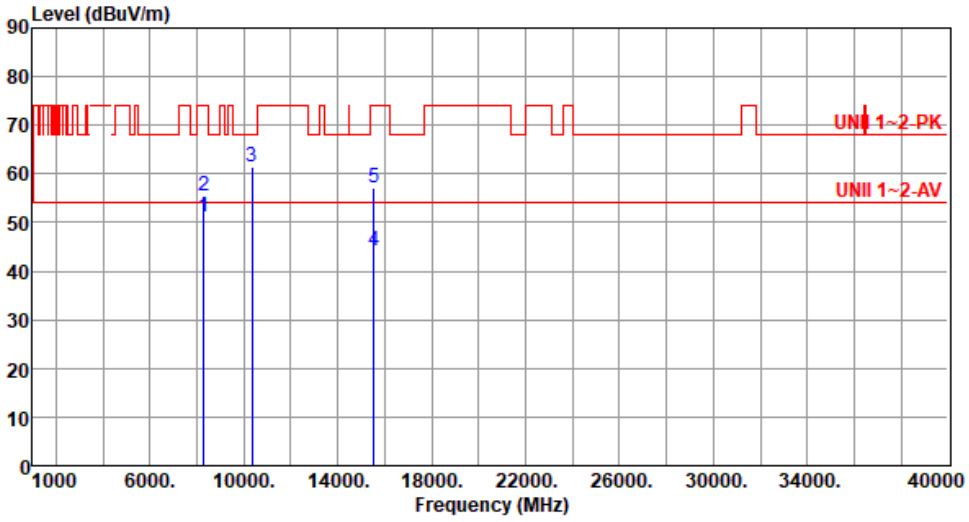


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8288.00	49.14	54.00	-4.86	43.56	5.58	Average	237	126
2	8288.00	54.24	74.00	-19.76	48.66	5.58	Peak	237	126
3	10360.00	56.49	68.20	-11.71	48.54	7.95	Peak	115	50
4	15540.00	43.66	54.00	-10.34	38.42	5.24	Average	100	154
5	15540.00	56.67	74.00	-17.33	51.43	5.24	Peak	100	154

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5180
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):65

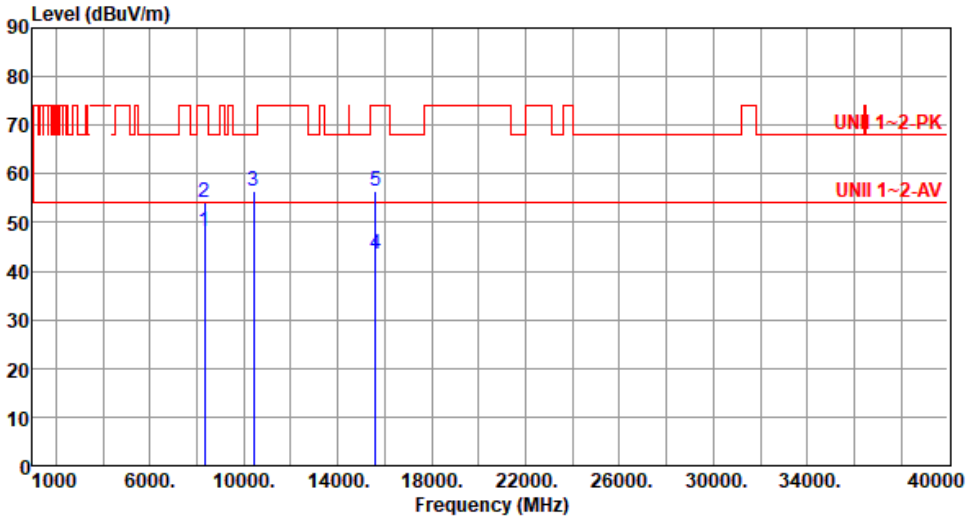


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8288.00	51.29	54.00	-2.71	45.71	5.58	Average	315	165
2	8288.00	55.52	74.00	-18.48	49.94	5.58	Peak	315	165
3	10360.00	61.55	68.20	-6.65	53.60	7.95	Peak	330	189
4	15540.00	44.19	54.00	-9.81	38.95	5.24	Average	100	196
5	15540.00	57.14	74.00	-16.86	51.90	5.24	Peak	100	196

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5200
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):65

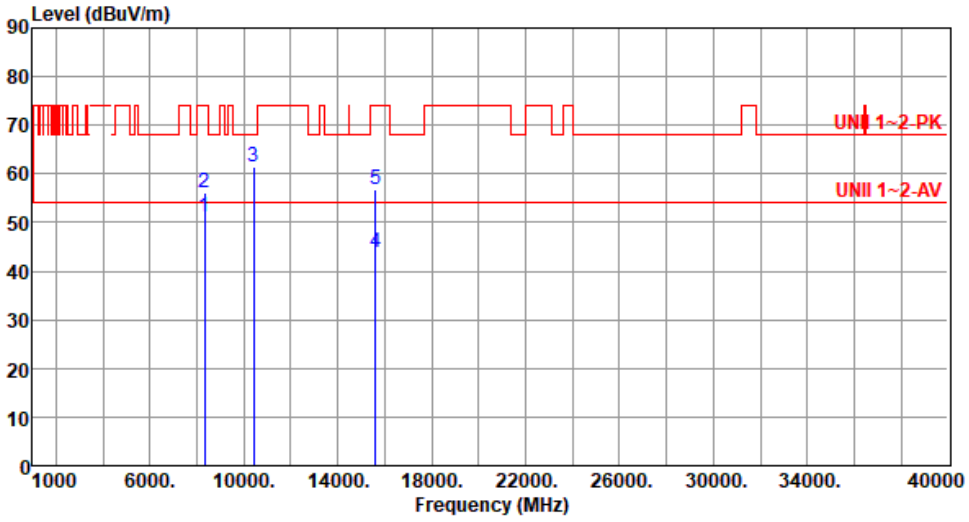


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8320.00	48.01	54.00	-5.99	42.50	5.51	Average	235	139
2	8320.00	53.99	74.00	-20.01	48.48	5.51	Peak	235	139
3	10400.00	56.55	68.20	-11.65	48.61	7.94	Peak	118	53
4	15600.00	43.55	54.00	-10.45	38.55	5.00	Average	100	150
5	15600.00	56.55	74.00	-17.45	51.55	5.00	Peak	100	150

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5200
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):65

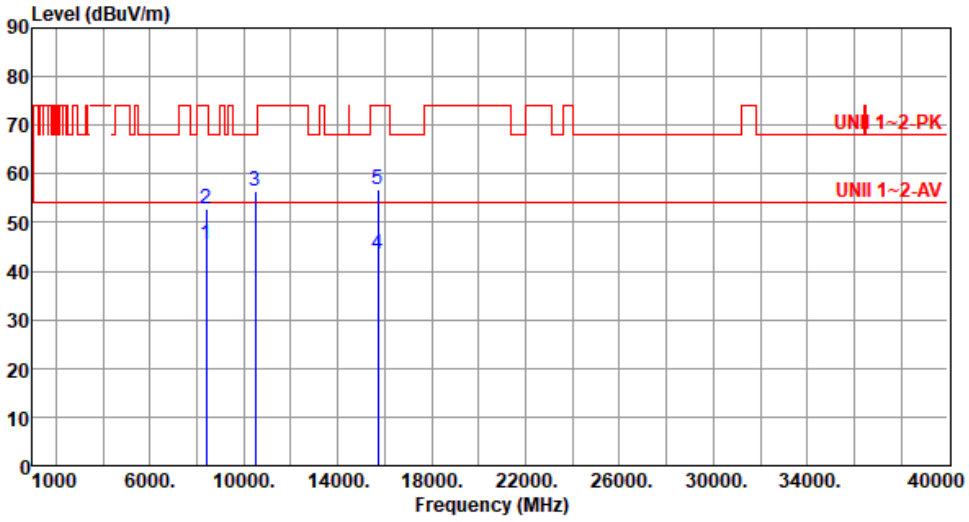


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8320.00	51.02	54.00	-2.98	45.51	5.51	Average	321	162
2	8320.00	56.05	74.00	-17.95	50.54	5.51	Peak	321	162
3	10400.00	61.60	68.20	-6.60	53.66	7.94	Peak	324	193
4	15600.00	43.98	54.00	-10.02	38.98	5.00	Average	100	188
5	15600.00	56.94	74.00	-17.06	51.94	5.00	Peak	100	188

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5240
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):65

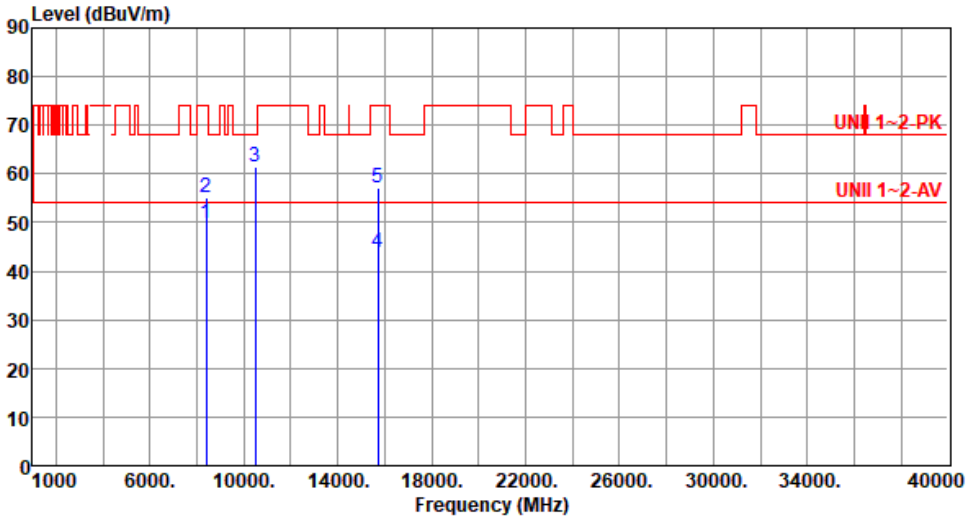


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8384.00	45.41	54.00	-8.59	39.97	5.44	Average	217	242
2	8384.00	52.71	74.00	-21.29	47.27	5.44	Peak	217	242
3	10480.00	56.58	68.20	-11.62	48.54	8.04	Peak	121	49
4	15720.00	43.62	54.00	-10.38	38.39	5.23	Average	100	148
5	15720.00	56.71	74.00	-17.29	51.48	5.23	Peak	100	148

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5240
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):65

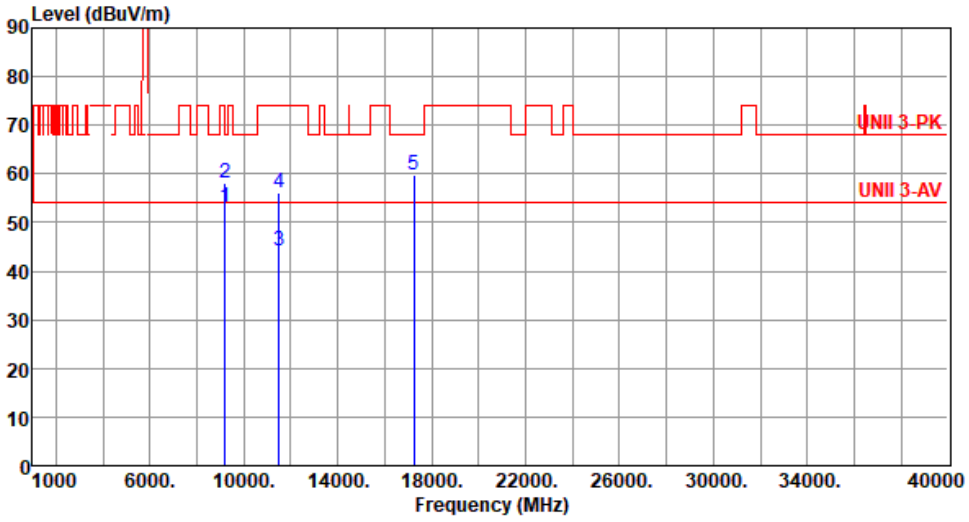


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8384.00	49.74	54.00	-4.26	44.30	5.44	Average	324	163
2	8384.00	55.29	74.00	-18.71	49.85	5.44	Peak	324	163
3	10480.00	61.58	68.20	-6.62	53.54	8.04	Peak	325	195
4	15720.00	44.00	54.00	-10.00	38.77	5.23	Average	100	192
5	15720.00	57.22	74.00	-16.78	51.99	5.23	Peak	100	192

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):65

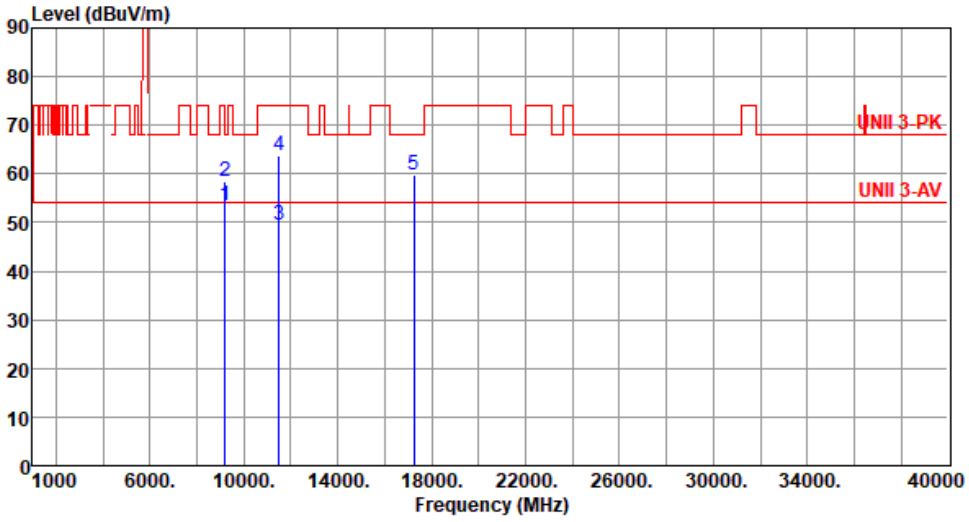


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9192.00	53.12	54.00	-0.88	45.99	7.13	Average	316	50
2	9192.00	58.19	74.00	-15.81	51.06	7.13	Peak	316	50
3	11490.00	44.32	54.00	-9.68	36.23	8.09	Average	125	63
4	11490.00	56.05	74.00	-17.95	47.96	8.09	Peak	125	63
5	17235.00	59.79	68.20	-8.41	53.86	5.93	Peak	100	158

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):65

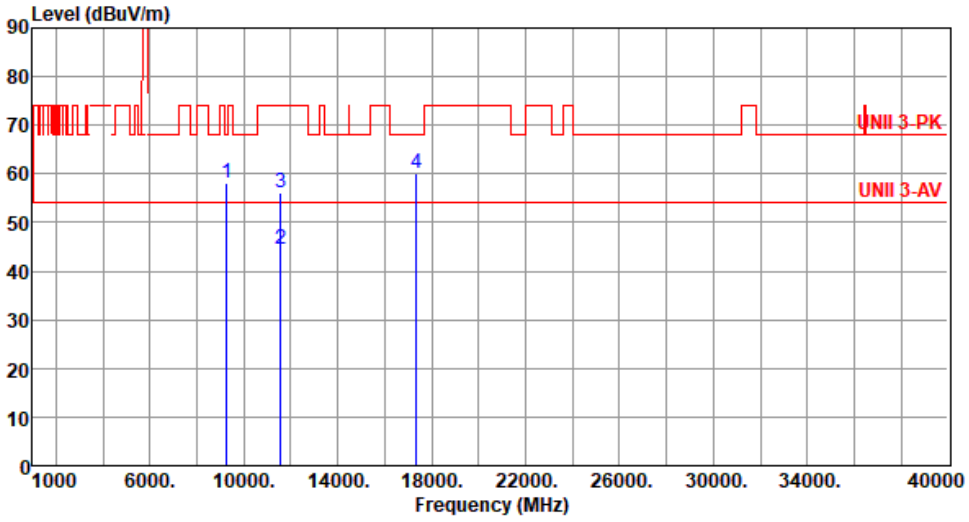


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9192.00	53.31	54.00	-0.69	46.18	7.13	Average	309	178
2	9192.00	58.44	74.00	-15.56	51.31	7.13	Peak	309	178
3	11490.00	49.61	54.00	-4.39	41.52	8.09	Average	129	212
4	11490.00	63.75	74.00	-10.25	55.66	8.09	Peak	129	212
5	17235.00	59.71	68.20	-8.49	53.78	5.93	Peak	100	162

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):65

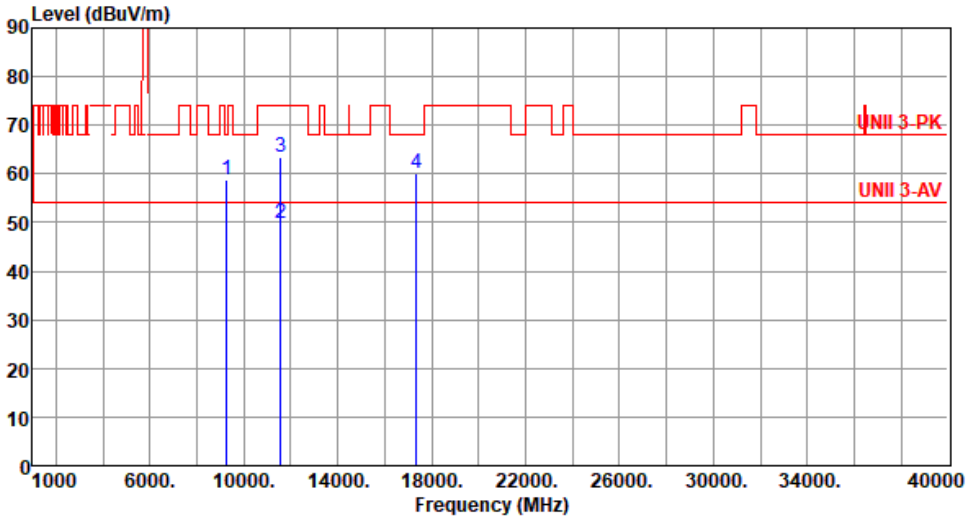


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9256.00	58.17	68.20	-10.03	50.79	7.38	Peak	312	49
2	11570.00	44.51	54.00	-9.49	36.65	7.86	Average	102	65
3	11570.00	56.04	74.00	-17.96	48.18	7.86	Peak	102	65
4	17355.00	59.95	68.20	-8.25	53.60	6.35	Peak	260	240

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):65

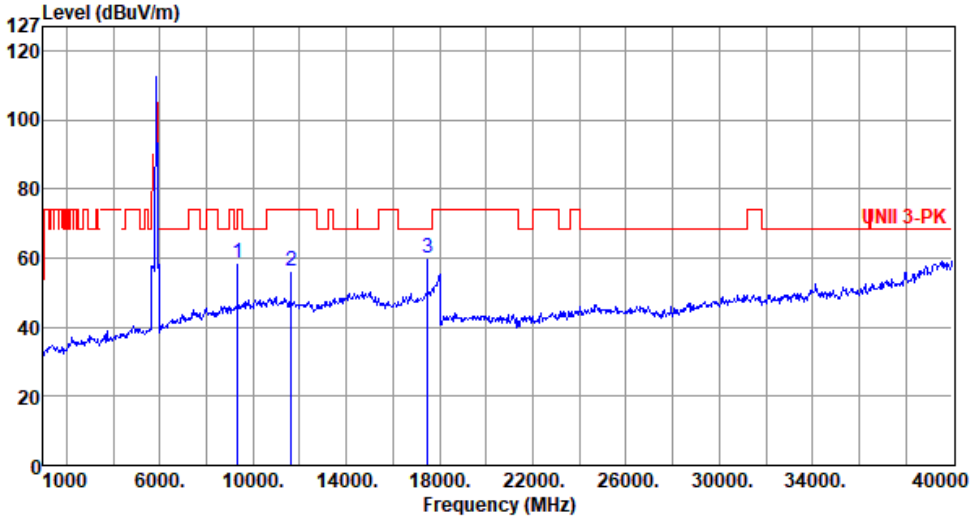


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9256.00	58.71	68.20	-9.49	51.33	7.38	Peak	237	200
2	11570.00	49.66	54.00	-4.34	41.80	7.86	Average	320	188
3	11570.00	63.40	74.00	-10.60	55.54	7.86	Peak	320	188
4	17355.00	60.20	68.20	-8.00	53.85	6.35	Peak	100	305

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5825
Polarization	Horizontal-Peak Value		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

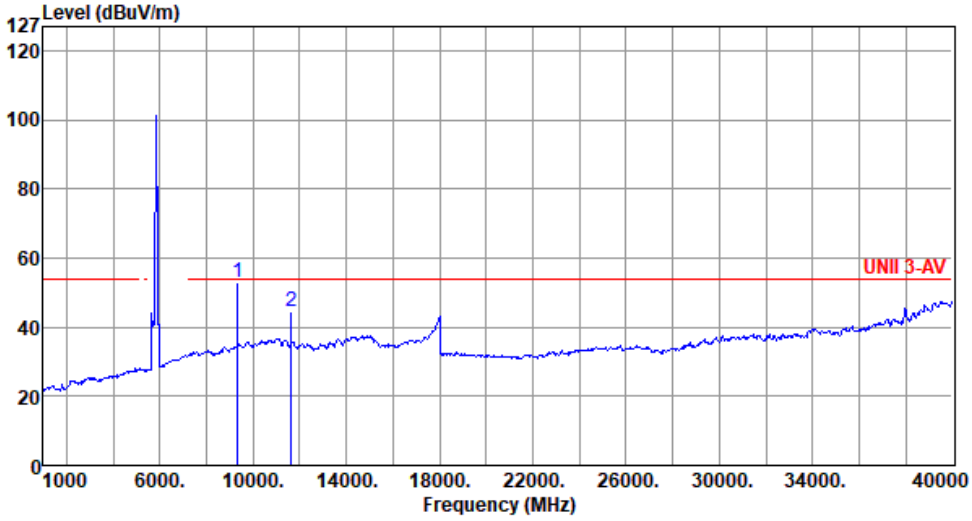


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9320.00	58.77	74.00	-15.23	51.22	7.55	Peak	310	56
2	11650.00	56.13	74.00	-17.87	48.74	7.39	Peak	122	59
3	17475.00	59.82	68.20	-8.38	53.04	6.78	Peak	100	153

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5825
Polarization	Horizontal-Average Value		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

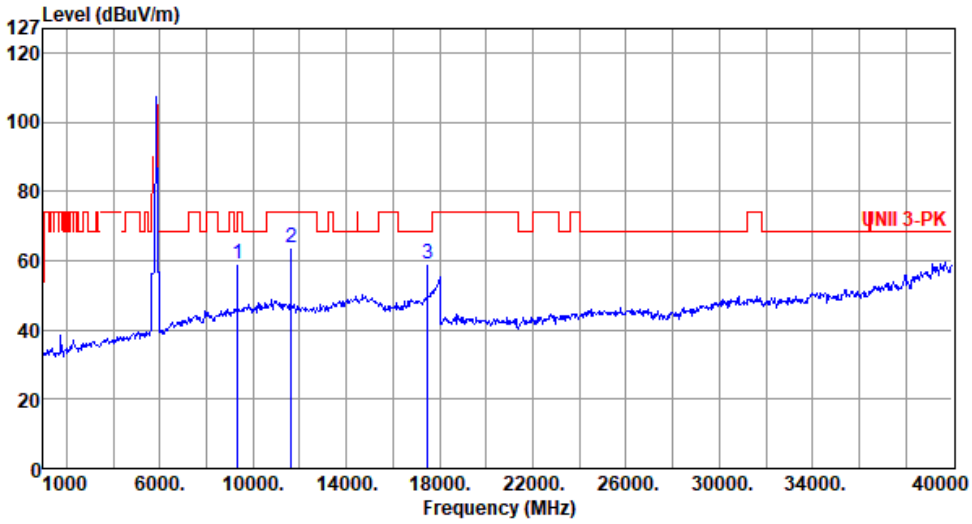


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9320.00	53.14	54.00	-0.86	45.59	7.55	Average	310	56
2	11650.00	44.46	54.00	-9.54	37.07	7.39	Average	122	59

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5825
Polarization	Vertical-Peak Value		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

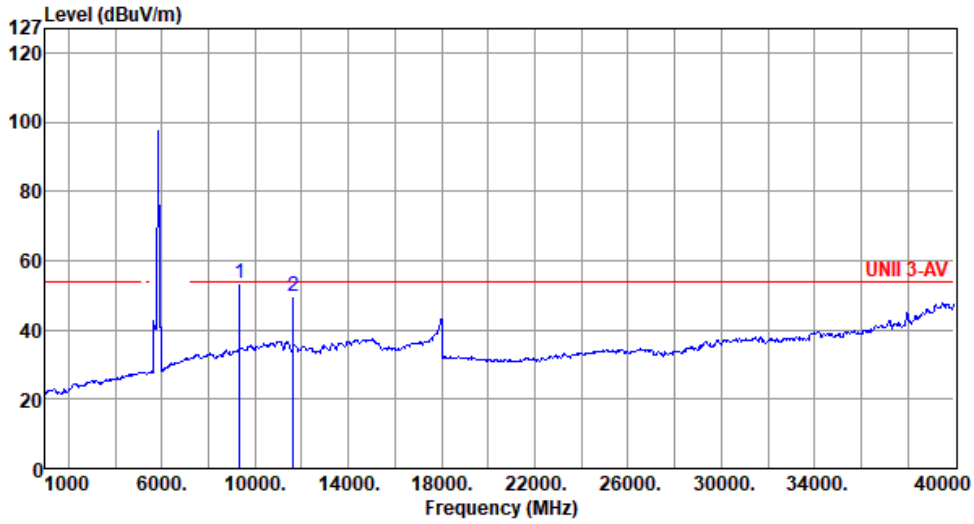


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9320.00	58.91	74.00	-15.09	51.36	7.55	Peak	301	198
2	11650.00	63.77	74.00	-10.23	56.38	7.39	Peak	310	178
3	17475.00	59.23	68.20	-8.97	52.45	6.78	Peak	284	77

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64



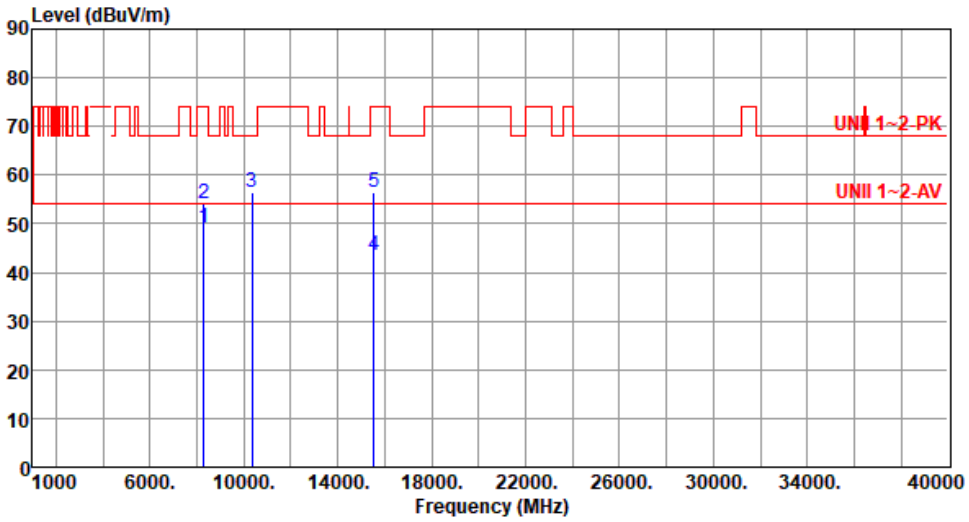
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9320.00	53.39	54.00	-0.61	45.84	7.55	Average	301	198
2	11650.00	49.74	54.00	-4.26	42.35	7.39	Average	310	178

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for ax HE20

Modulation	ax HE20	**Test Freq. (MHz)**	5180
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

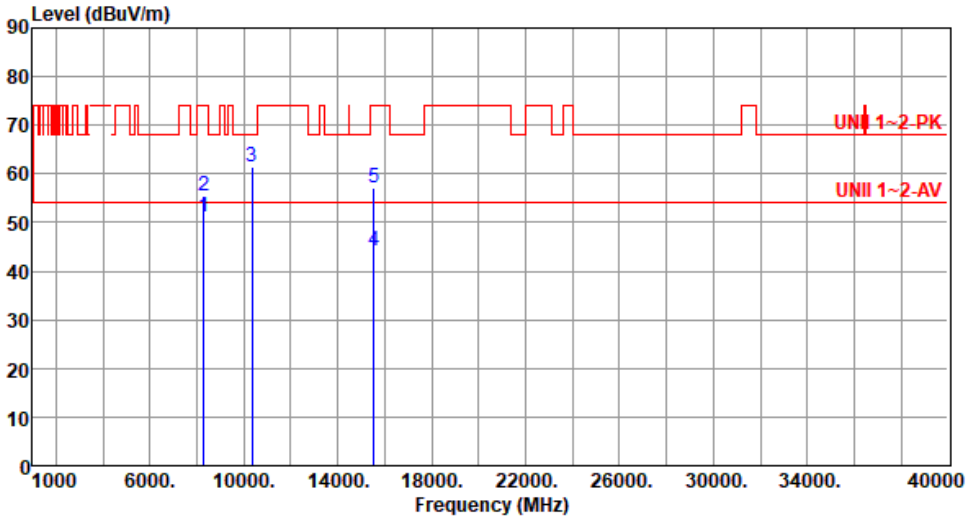


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8288.00	49.05	54.00	-4.95	43.47	5.58	Average	238	129
2	8288.00	54.15	74.00	-19.85	48.57	5.58	Peak	238	129
3	10360.00	56.35	68.20	-11.85	48.40	7.95	Peak	121	55
4	15540.00	43.58	54.00	-10.42	38.34	5.24	Average	100	158
5	15540.00	56.55	74.00	-17.45	51.31	5.24	Peak	100	158

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20	**Test Freq. (MHz)**	5180
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

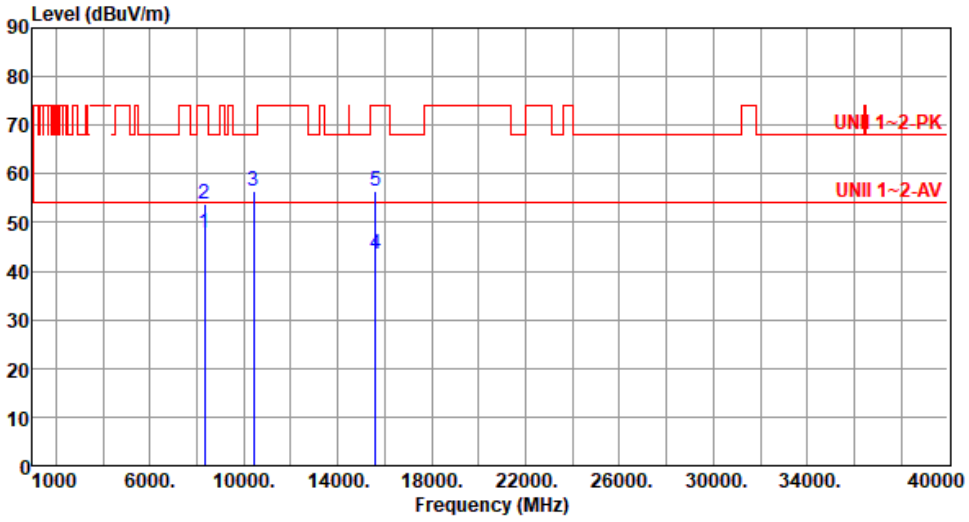


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8288.00	51.18	54.00	-2.82	45.60	5.58	Average	309	158
2	8288.00	55.45	74.00	-18.55	49.87	5.58	Peak	309	158
3	10360.00	61.45	68.20	-6.75	53.50	7.95	Peak	324	193
4	15540.00	44.08	54.00	-9.92	38.84	5.24	Average	100	202
5	15540.00	57.05	74.00	-16.95	51.81	5.24	Peak	100	202

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20	**Test Freq. (MHz)**	5200
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

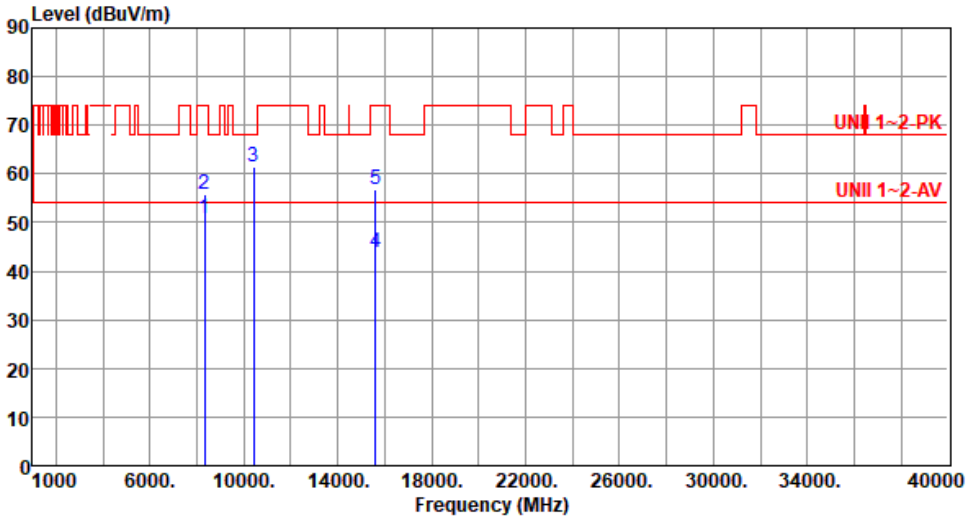


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8320.00	47.95	54.00	-6.05	42.44	5.51	Average	209	240
2	8320.00	53.85	74.00	-20.15	48.34	5.51	Peak	209	240
3	10400.00	56.47	68.20	-11.73	48.53	7.94	Peak	129	48
4	15600.00	43.43	54.00	-10.57	38.43	5.00	Average	100	153
5	15600.00	56.47	74.00	-17.53	51.47	5.00	Peak	100	153

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20	**Test Freq. (MHz)**	5200
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

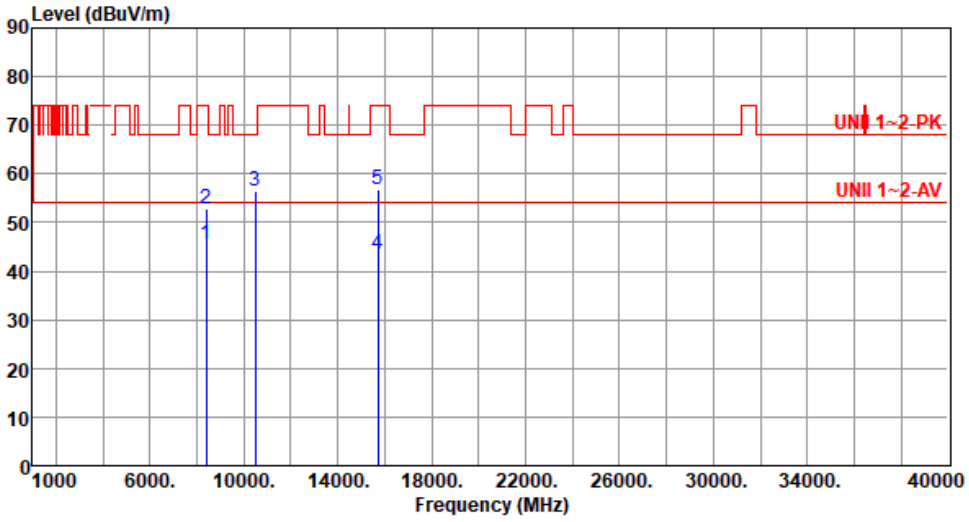


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8320.00	50.93	54.00	-3.07	45.42	5.51	Average	311	164
2	8320.00	55.90	74.00	-18.10	50.39	5.51	Peak	311	164
3	10400.00	61.51	68.20	-6.69	53.57	7.94	Peak	315	198
4	15600.00	43.92	54.00	-10.08	38.92	5.00	Average	100	198
5	15600.00	56.89	74.00	-17.11	51.89	5.00	Peak	100	198

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20	**Test Freq. (MHz)**	5240
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

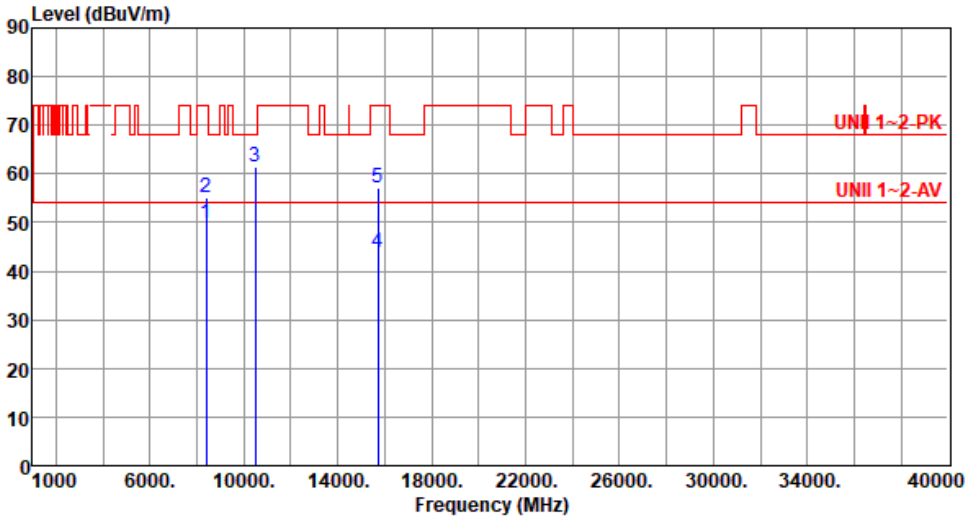


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8384.00	45.38	54.00	-8.62	39.94	5.44	Average	214	249
2	8384.00	52.68	74.00	-21.32	47.24	5.44	Peak	214	249
3	10480.00	56.44	68.20	-11.76	48.40	8.04	Peak	126	52
4	15720.00	43.55	54.00	-10.45	38.32	5.23	Average	100	158
5	15720.00	56.66	74.00	-17.34	51.43	5.23	Peak	100	158

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20	**Test Freq. (MHz)**	5240
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

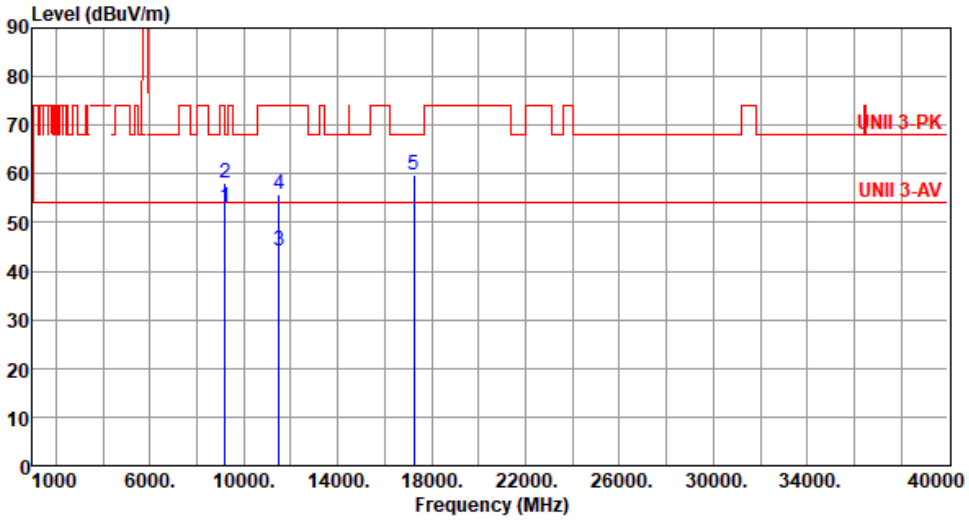


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8384.00	49.70	54.00	-4.30	44.26	5.44	Average	325	165
2	8384.00	55.24	74.00	-18.76	49.80	5.44	Peak	325	165
3	10480.00	61.49	68.20	-6.71	53.45	8.04	Peak	315	188
4	15720.00	43.96	54.00	-10.04	38.73	5.23	Average	100	198
5	15720.00	57.15	74.00	-16.85	51.92	5.23	Peak	100	198

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

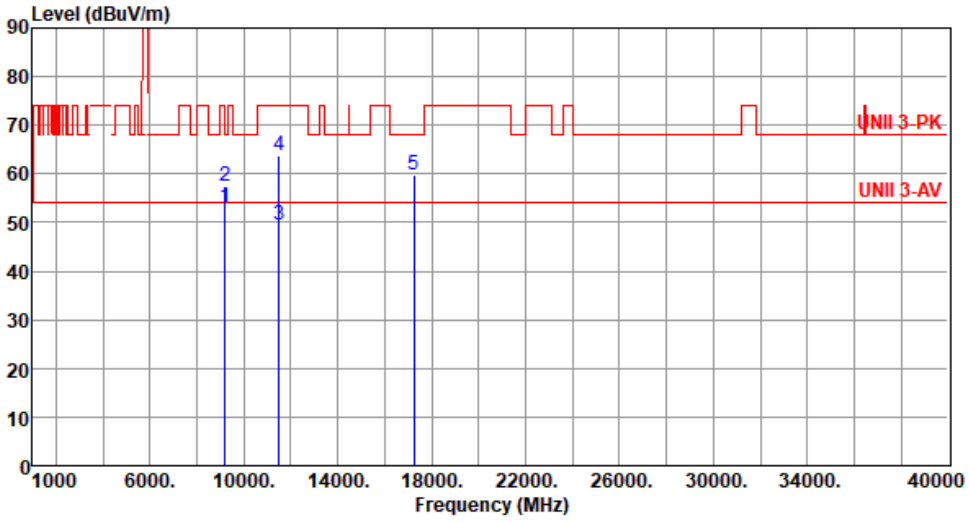


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9192.00	53.09	54.00	-0.91	45.96	7.13	Average	311	49
2	9192.00	58.14	74.00	-15.86	51.01	7.13	Peak	311	49
3	11490.00	44.28	54.00	-9.72	36.19	8.09	Average	130	59
4	11490.00	55.95	74.00	-18.05	47.86	8.09	Peak	130	59
5	17235.00	59.75	68.20	-8.45	53.82	5.93	Peak	100	163

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

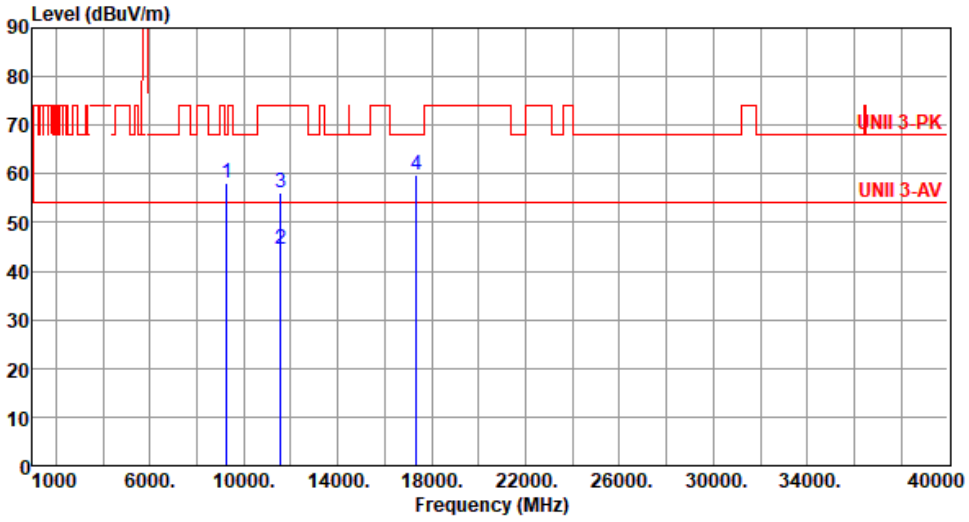


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9192.00	53.29	54.00	-0.71	46.16	7.13	Average	304	181
2	9192.00	57.40	74.00	-16.60	50.27	7.13	Peak	304	181
3	11490.00	49.58	54.00	-4.42	41.49	8.09	Average	124	192
4	11490.00	63.63	74.00	-10.37	55.54	8.09	Peak	124	192
5	17235.00	59.63	68.20	-8.57	53.70	5.93	Peak	100	166

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

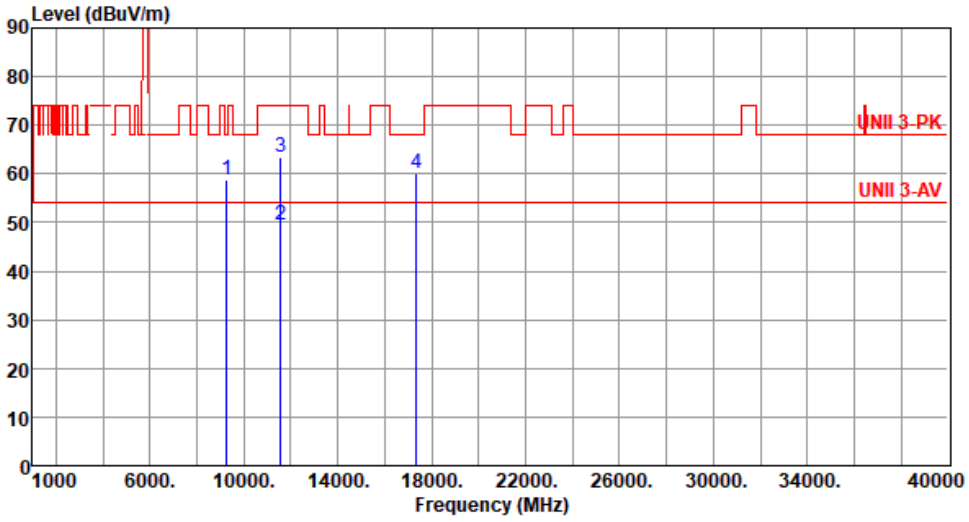


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9256.00	58.15	68.20	-10.05	50.77	7.38	Peak	318	50
2	11570.00	44.45	54.00	-9.55	36.59	7.86	Average	108	66
3	11570.00	55.96	74.00	-18.04	48.10	7.86	Peak	108	66
4	17355.00	59.88	68.20	-8.32	53.53	6.35	Peak	258	245

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

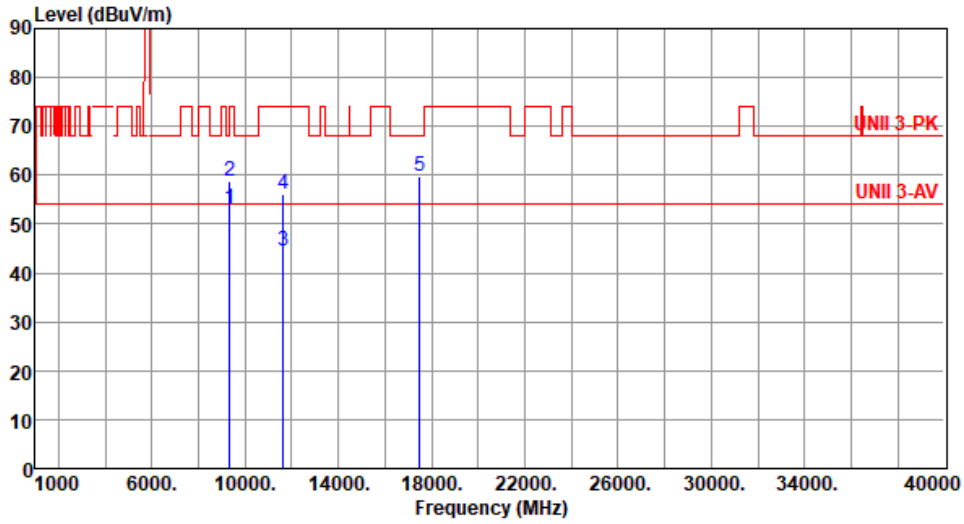


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9256.00	58.68	68.20	-9.52	51.30	7.38	Peak	244	202
2	11570.00	49.57	54.00	-4.43	41.71	7.86	Average	321	196
3	11570.00	63.33	74.00	-10.67	55.47	7.86	Peak	321	196
4	17355.00	60.15	68.20	-8.05	53.80	6.35	Peak	100	310

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

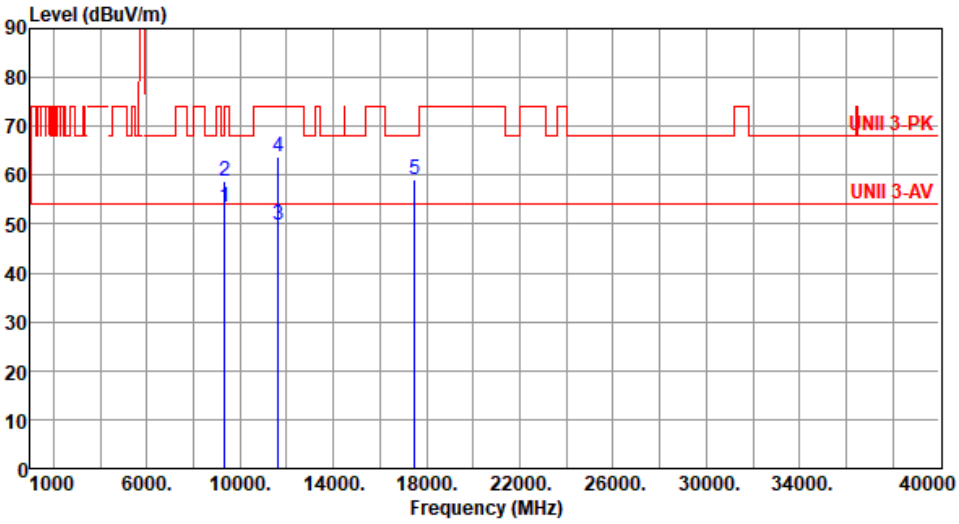


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9320.00	53.10	54.00	-0.90	45.55	7.55	Average	318	57
2	9320.00	58.72	74.00	-15.28	51.17	7.55	Peak	318	57
3	11650.00	44.35	54.00	-9.65	36.96	7.39	Average	128	63
4	11650.00	56.08	74.00	-17.92	48.69	7.39	Peak	128	63
5	17475.00	59.75	68.20	-8.45	52.97	6.78	Peak	100	158

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64



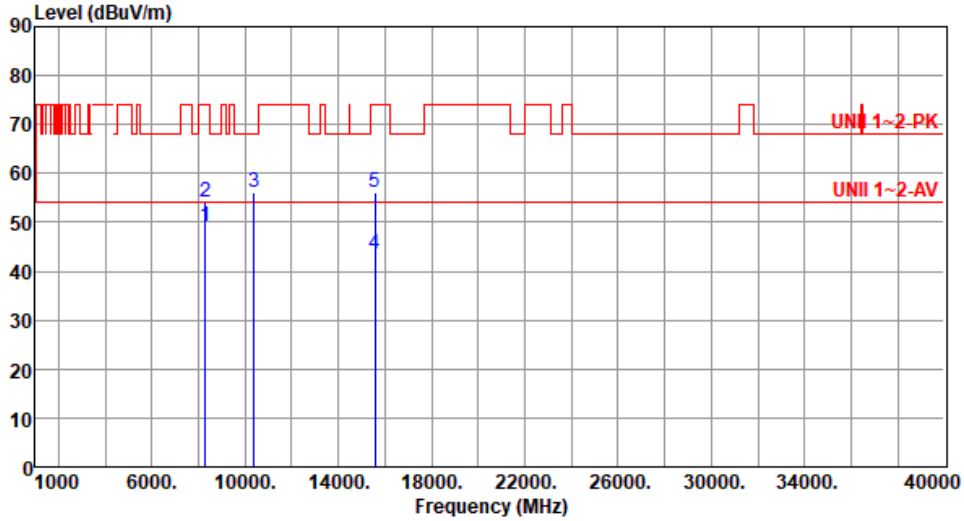
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9320.00	53.33	54.00	-0.67	45.78	7.55	Average	311	195
2	9320.00	58.85	74.00	-15.15	51.30	7.55	Peak	311	195
3	11650.00	49.66	54.00	-4.34	42.27	7.39	Average	315	182
4	11650.00	63.72	74.00	-10.28	56.33	7.39	Peak	315	182
5	17475.00	59.15	68.20	-9.05	52.37	6.78	Peak	282	79

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for ax HE40

Modulation	ax HE40	**Test Freq. (MHz)**	5190
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

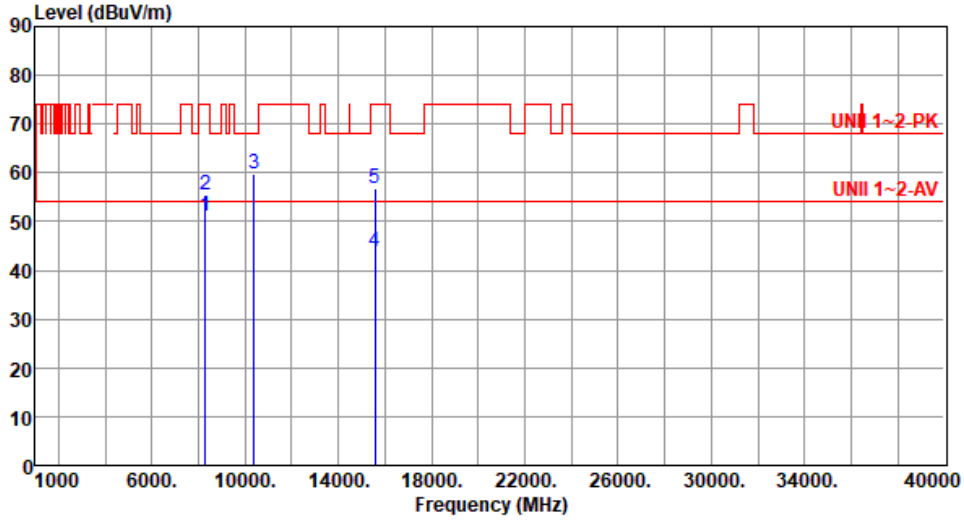


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8304.00	49.02	54.00	-4.98	43.48	5.54	Average	236	133
2	8304.00	54.11	74.00	-19.89	48.57	5.54	Peak	236	133
3	10380.00	56.09	68.20	-12.11	48.15	7.94	Peak	125	52
4	15570.00	43.37	54.00	-10.63	38.24	5.13	Average	100	163
5	15570.00	56.28	74.00	-17.72	51.15	5.13	Peak	100	163

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40	**Test Freq. (MHz)**	5190
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

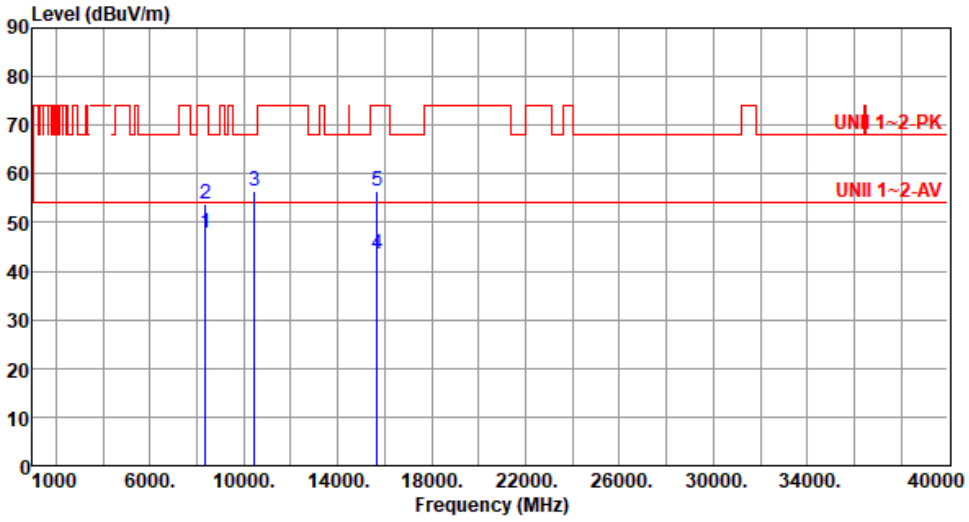


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8304.00	51.14	54.00	-2.86	45.60	5.54	Average	303	163
2	8304.00	55.42	74.00	-18.58	49.88	5.54	Peak	303	163
3	10380.00	59.82	68.20	-8.38	51.88	7.94	Peak	318	199
4	15570.00	43.79	54.00	-10.21	38.66	5.13	Average	100	205
5	15570.00	56.76	74.00	-17.24	51.63	5.13	Peak	100	205

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40	**Test Freq. (MHz)**	5230
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

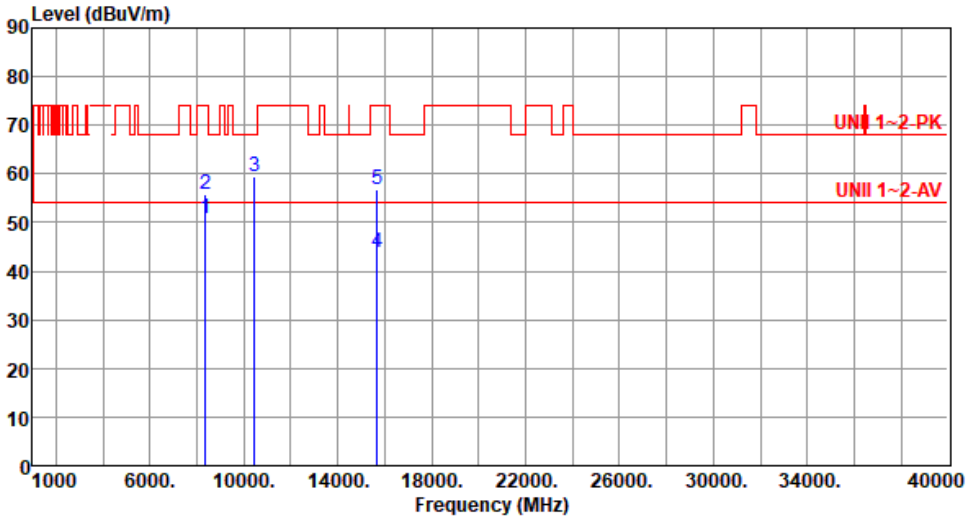


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8368.00	47.92	54.00	-6.08	42.48	5.44	Average	211	242
2	8368.00	53.83	74.00	-20.17	48.39	5.44	Peak	211	242
3	10460.00	56.43	68.20	-11.77	48.39	8.04	Peak	133	45
4	15690.00	43.34	54.00	-10.66	38.25	5.09	Average	100	154
5	15690.00	56.33	74.00	-17.67	51.24	5.09	Peak	100	154

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40	**Test Freq. (MHz)**	5230
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

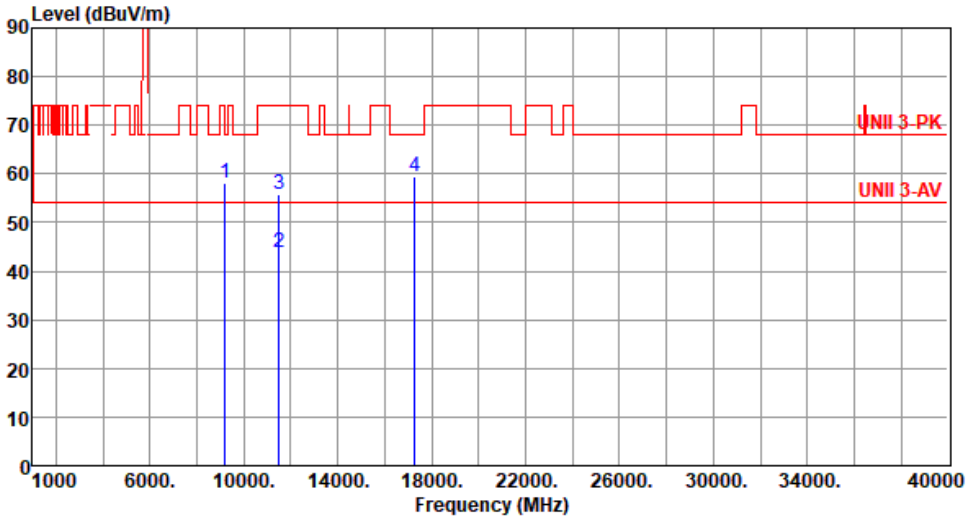


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8368.00	50.90	54.00	-3.10	45.46	5.44	Average	313	166
2	8368.00	55.88	74.00	-18.12	50.44	5.44	Peak	313	166
3	10460.00	59.52	68.20	-8.68	51.48	8.04	Peak	326	202
4	15690.00	43.83	54.00	-10.17	38.74	5.09	Average	100	203
5	15690.00	56.76	74.00	-17.24	51.67	5.09	Peak	100	203

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40	**Test Freq. (MHz)**	5755
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

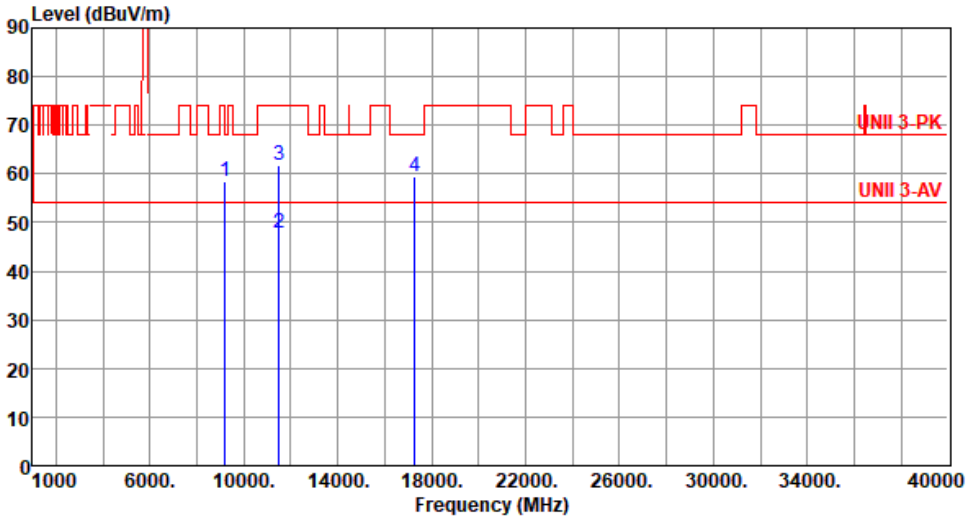


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9208.00	58.11	68.20	-10.09	50.92	7.19	Peak	303	55
2	11510.00	43.94	54.00	-10.06	35.88	8.06	Average	132	63
3	11510.00	55.71	74.00	-18.29	47.65	8.06	Peak	132	63
4	17265.00	59.59	68.20	-8.61	53.66	5.93	Peak	100	165

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40	**Test Freq. (MHz)**	5755
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

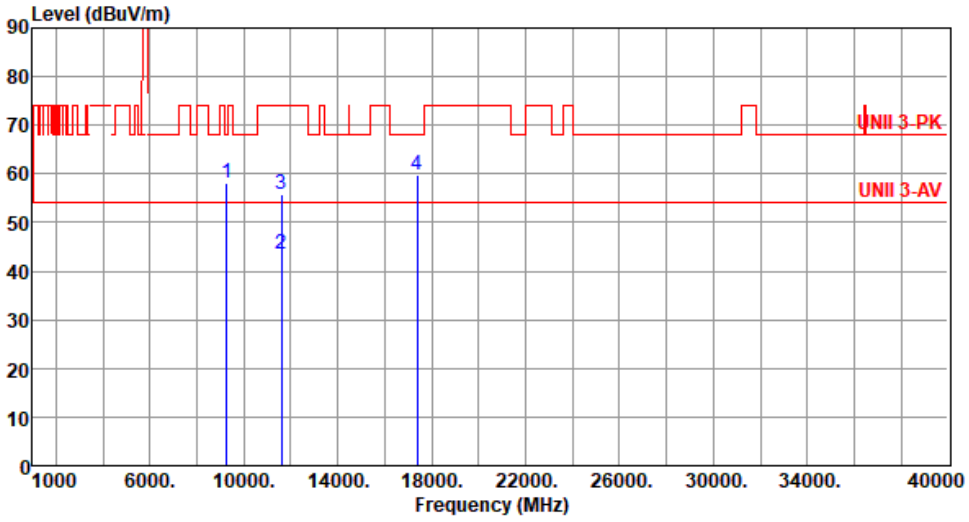


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9208.00	58.35	68.20	-9.85	51.16	7.19	Peak	303	188
2	11510.00	47.72	54.00	-6.28	39.66	8.06	Average	128	196
3	11510.00	61.76	74.00	-12.24	53.70	8.06	Peak	128	196
4	17265.00	59.45	68.20	-8.75	53.52	5.93	Peak	100	170

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40	**Test Freq. (MHz)**	5795
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

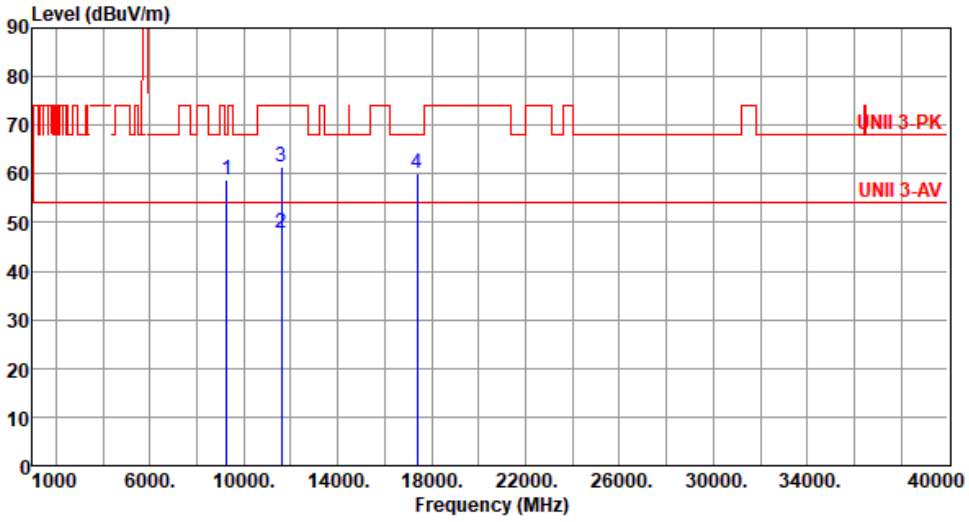


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9272.00	58.13	68.20	-10.07	50.69	7.44	Peak	302	227
2	11590.00	43.36	54.00	-10.64	35.62	7.74	Average	102	58
3	11590.00	55.79	74.00	-18.21	48.05	7.74	Peak	102	58
4	17385.00	59.83	68.20	-8.37	53.34	6.49	Peak	262	241

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40	**Test Freq. (MHz)**	5795
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64



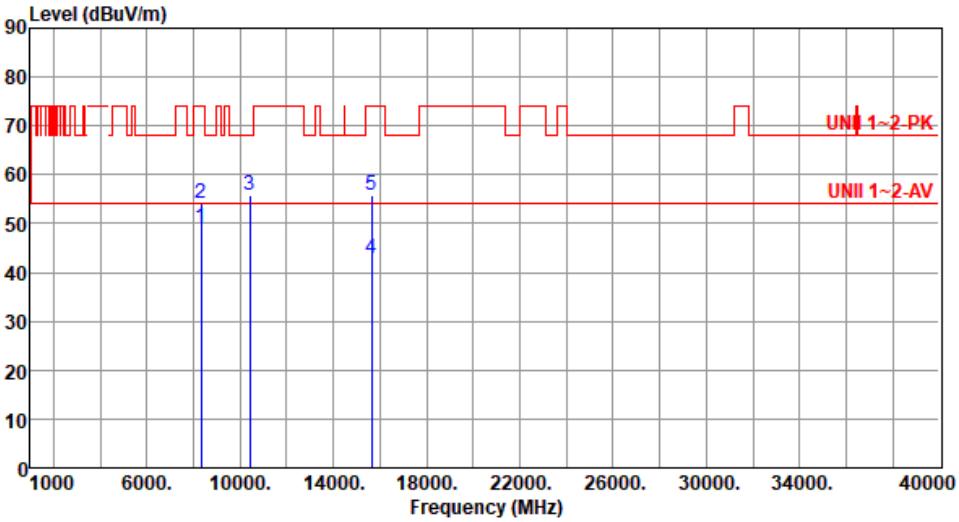
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9272.00	58.66	68.20	-9.54	51.22	7.44	Peak	242	201
2	11590.00	47.69	54.00	-6.31	39.95	7.74	Average	326	202
3	11590.00	61.32	74.00	-12.68	53.58	7.74	Peak	326	202
4	17385.00	60.10	68.20	-8.10	53.61	6.49	Peak	100	318

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for ax HE80

Modulation	ax HE80	**Test Freq. (MHz)**	5210
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

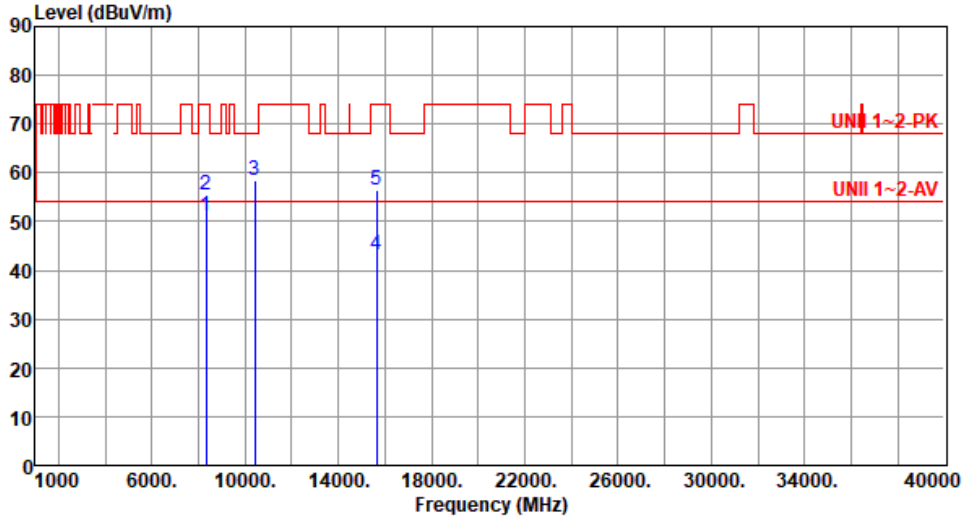


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8336.00	49.00	54.00	-5.00	43.52	5.48	Average	228	139
2	8336.00	54.05	74.00	-19.95	48.57	5.48	Peak	228	139
3	10420.00	55.64	68.20	-12.56	47.66	7.98	Peak	144	55
4	15630.00	42.95	54.00	-11.05	38.08	4.87	Average	100	170
5	15630.00	55.89	74.00	-18.11	51.02	4.87	Peak	100	170

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80	**Test Freq. (MHz)**	5210
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

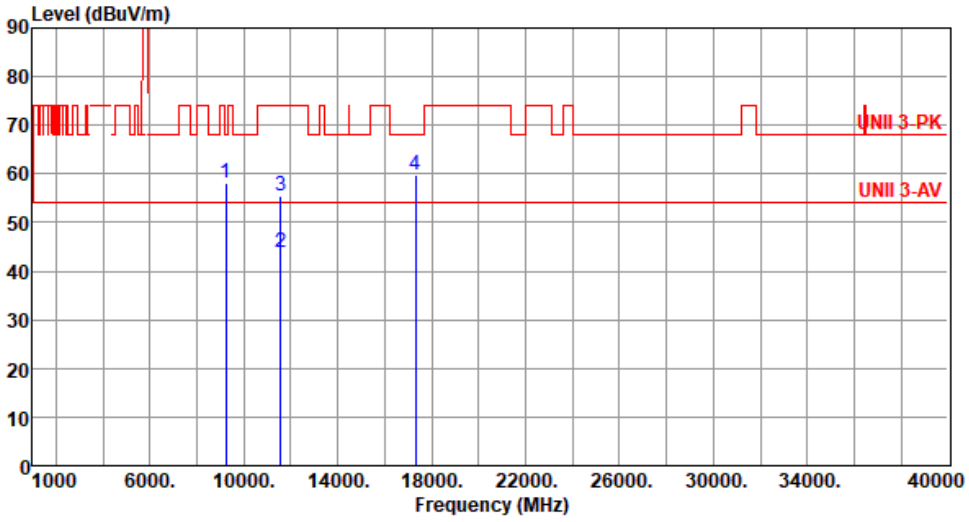


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	8336.00	51.13	54.00	-2.87	45.65	5.48	Average	309	169
2	8336.00	55.39	74.00	-18.61	49.91	5.48	Peak	309	169
3	10420.00	58.53	68.20	-9.67	50.55	7.98	Peak	312	196
4	15630.00	43.32	54.00	-10.68	38.45	4.87	Average	100	211
5	15630.00	56.35	74.00	-17.65	51.48	4.87	Peak	100	211

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80	**Test Freq. (MHz)**	5775
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

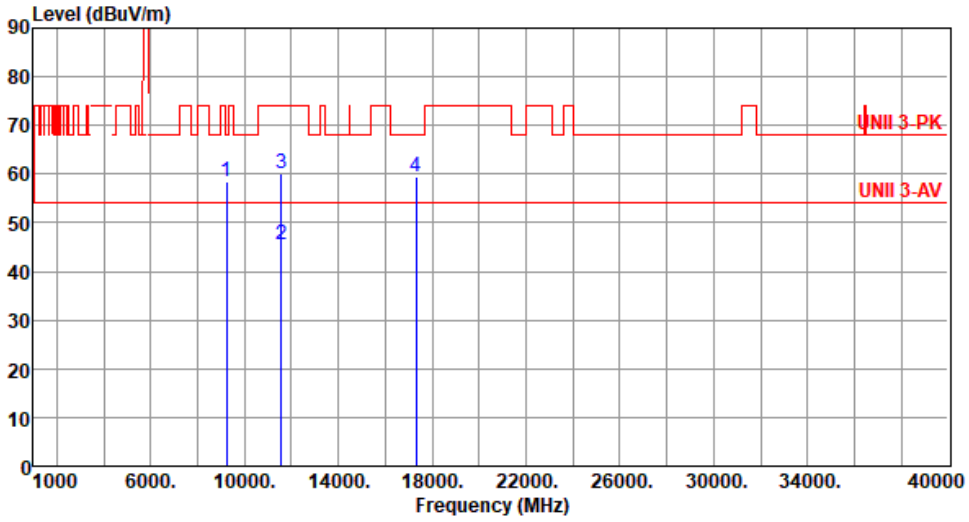


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9240.00	58.08	68.20	-10.12	50.76	7.32	Peak	299	53
2	11550.00	43.77	54.00	-10.23	35.78	7.99	Average	138	65
3	11550.00	55.57	74.00	-18.43	47.58	7.99	Peak	138	65
4	17325.00	59.72	68.20	-8.48	53.54	6.18	Peak	100	160

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80	**Test Freq. (MHz)**	5775
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64

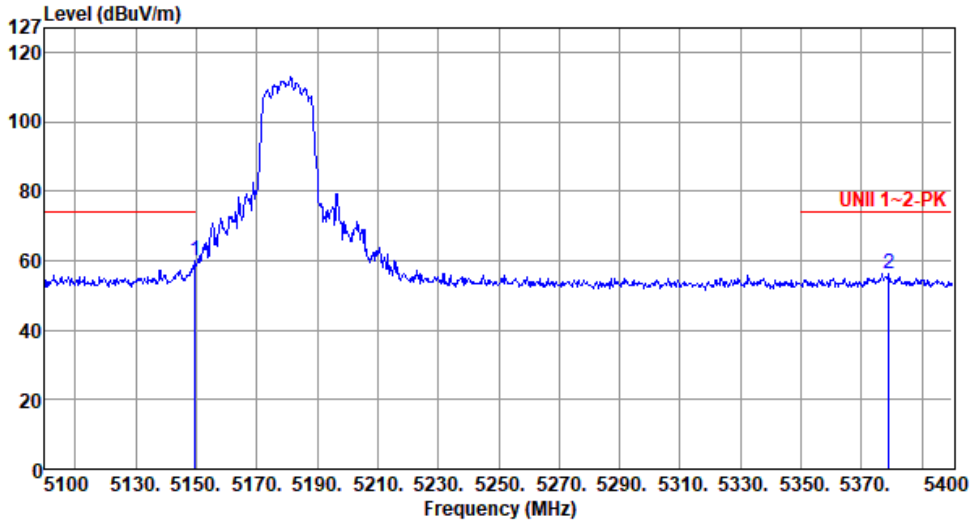


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	9240.00	58.33	68.20	-9.87	51.01	7.32	Peak	302	182
2	11550.00	45.42	54.00	-8.58	37.43	7.99	Average	131	194
3	11550.00	60.18	74.00	-13.82	52.19	7.99	Peak	131	194
4	17325.00	59.53	68.20	-8.67	53.35	6.18	Peak	100	171

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5180
Polarization	Horizontal-Peak Value		

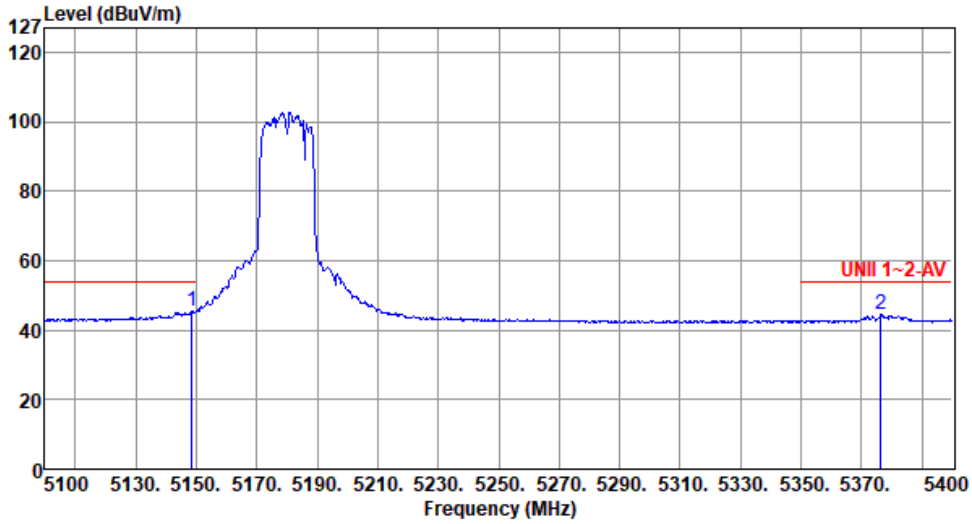
Test By :Akun Chung Temperature(℃):25 Humidity(%):65



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5149.80	59.79	74.00	-14.21	59.46	0.33	Peak	312	135
2	5379.00	56.22	74.00	-17.78	56.40	-0.18	Peak	312	135

Modulation	11a	**Test Freq. (MHz)**	5180
Polarization	Horizontal-Average Value		

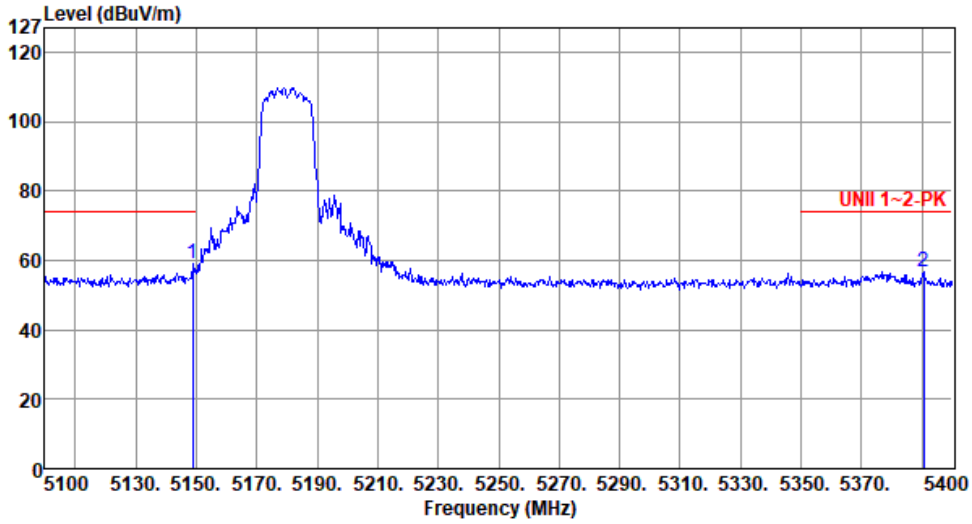
Test By :Akun Chung Temperature(℃):25 Humidity(%):65



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5148.60	45.38	54.00	-8.62	45.06	0.32	Average	312	135
2	5376.30	44.45	54.00	-9.55	44.65	-0.20	Average	312	135

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical-Peak Value		

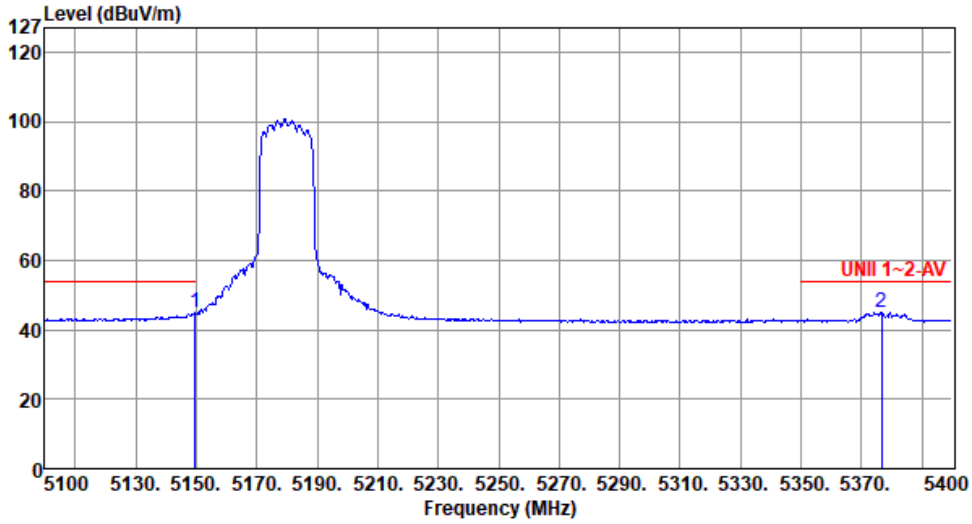
Test By :Akun Chung Temperature(℃):25 Humidity(%):65



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5148.90	58.97	74.00	-15.03	58.64	0.33	Peak	302	160
2	5390.40	56.52	74.00	-17.48	56.69	-0.17	Peak	302	160

Modulation	11a	**Test Freq. (MHz)**	5180
Polarization	Vertical -Average Value		

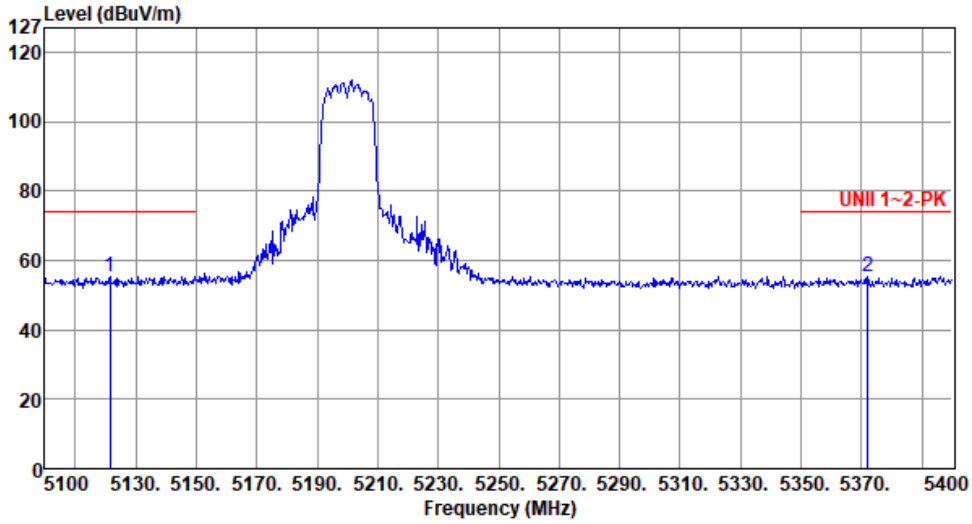
Test By :Akun Chung Temperature(℃):25 Humidity(%):65



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5149.80	44.88	54.00	-9.12	44.55	0.33	Average	302	160
2	5376.60	45.16	54.00	-8.84	45.36	-0.20	Average	302	160

Modulation	11a	**Test Freq. (MHz)**	5200
Polarization	Horizontal-Peak Value		

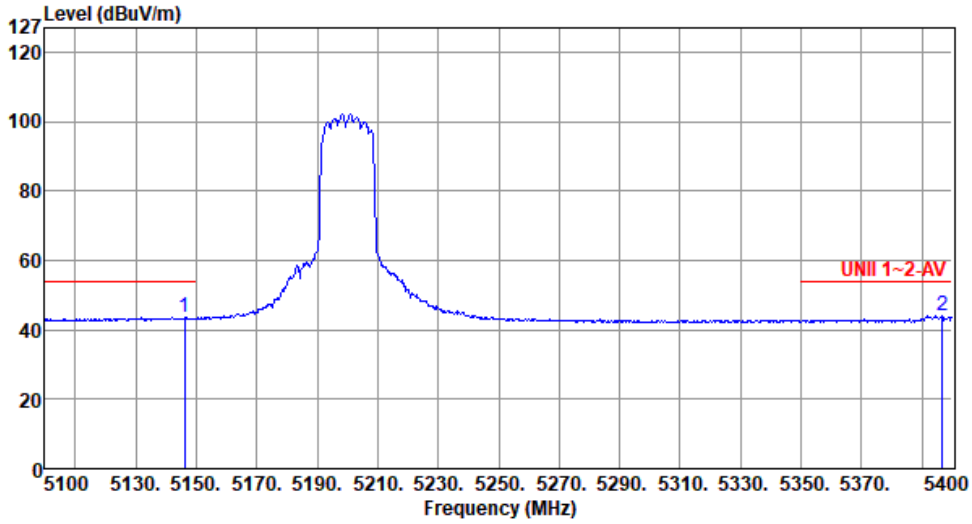
Test By :Akun Chung Temperature(℃):25 Humidity(%):65



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5121.60	55.51	74.00	-18.49	55.30	0.21	Peak	309	135
2	5372.10	55.45	74.00	-18.55	55.66	-0.21	Peak	309	135

Modulation	11a	**Test Freq. (MHz)**	5200
Polarization	Horizontal-Average Value		

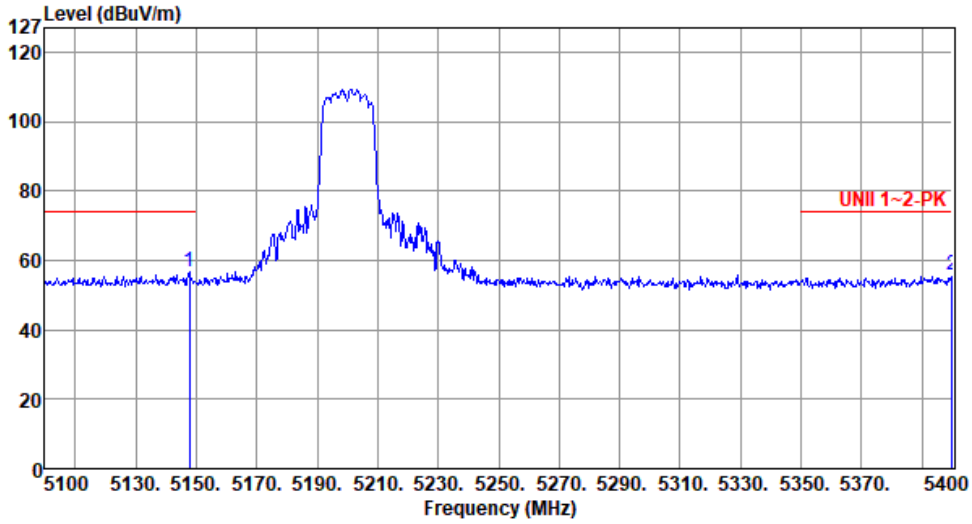
Test By :Akun Chung Temperature(℃):25 Humidity(%):65



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5146.20	43.51	54.00	-10.49	43.20	0.31	Average	309	135
2	5396.70	43.93	54.00	-10.07	44.08	-0.15	Average	309	135

Modulation	11a	**Test Freq. (MHz)**	5200
Polarization	Vertical-Peak Value		

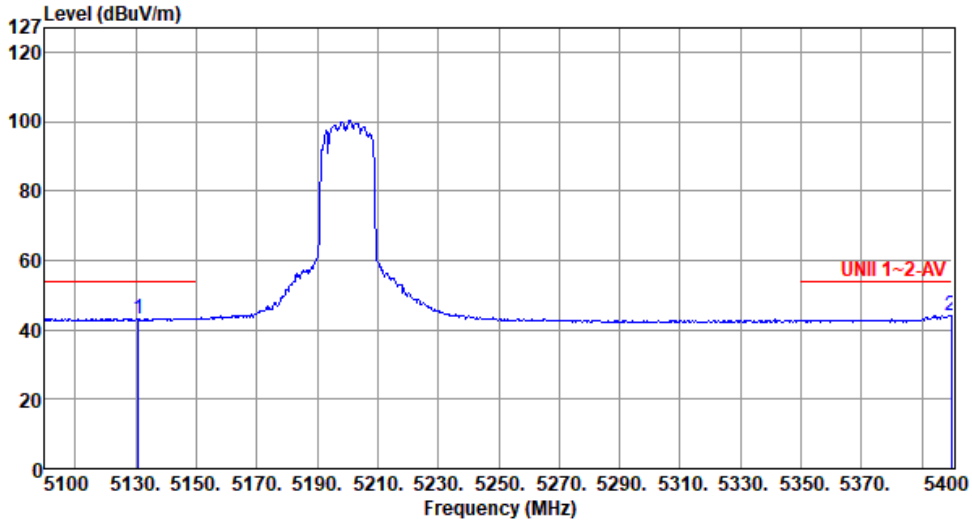
Test By :Akun Chung Temperature(℃):25 Humidity(%):65



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5147.70	56.58	74.00	-17.42	56.26	0.32	Peak	214	93
2	5400.00	55.85	74.00	-18.15	55.99	-0.14	Peak	214	93

Modulation	11a	**Test Freq. (MHz)**	5200
Polarization	Vertical -Average Value		

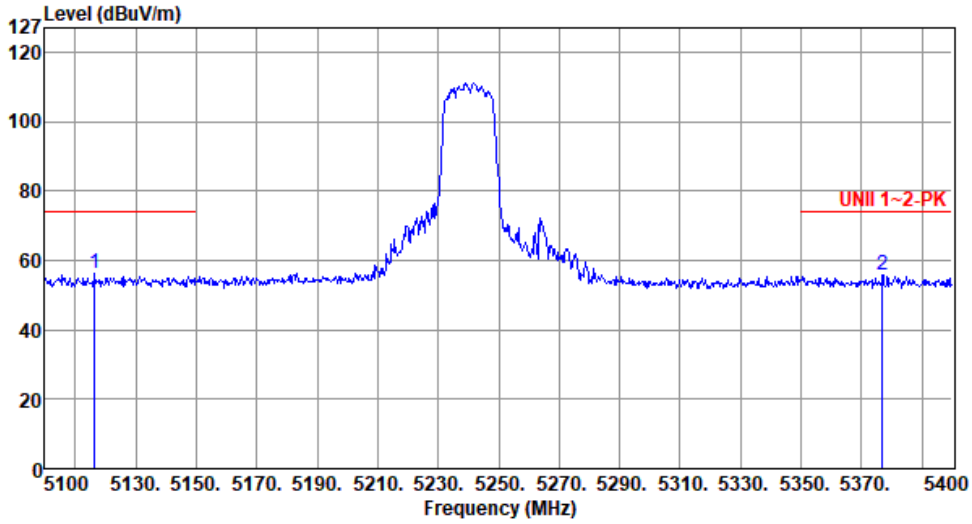
Test By :Akun Chung Temperature(℃):25 Humidity(%):65



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5130.90	43.32	54.00	-10.68	43.08	0.24	Average	214	93
2	5399.70	44.16	54.00	-9.84	44.30	-0.14	Average	214	93

Modulation	11a	**Test Freq. (MHz)**	5240
Polarization	Horizontal-Peak Value		

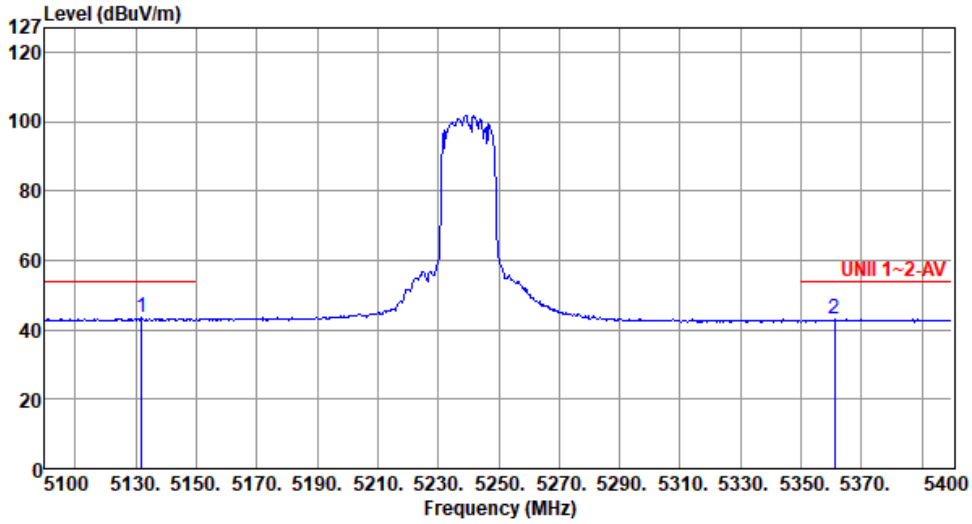
Test By :Akun Chung Temperature(℃):25 Humidity(%):65



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5116.50	56.32	74.00	-17.68	56.13	0.19	Peak	135	99
2	5376.90	55.77	74.00	-18.23	55.97	-0.20	Peak	135	99

Modulation	11a	**Test Freq. (MHz)**	5240
Polarization	Horizontal-Average Value		

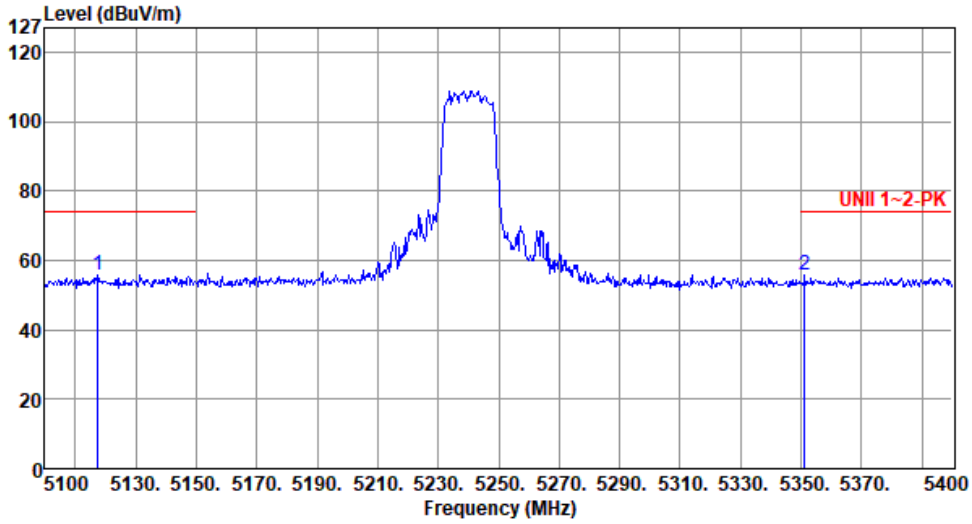
Test By :Akun Chung Temperature(℃):25 Humidity(%):65



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5132.10	43.35	54.00	-10.65	43.10	0.25	Average	135	99
2	5361.00	43.05	54.00	-10.95	43.28	-0.23	Average	135	99

Modulation	11a	**Test Freq. (MHz)**	5240
Polarization	Vertical-Peak Value		

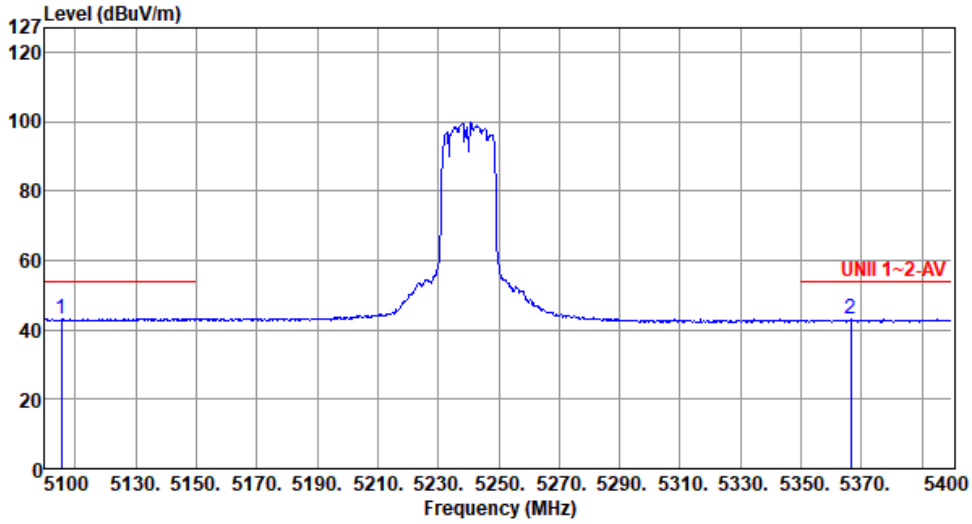
Test By :Akun Chung Temperature(℃):25 Humidity(%):65



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5117.40	55.95	74.00	-18.05	55.76	0.19	Peak	216	94
2	5351.10	55.99	74.00	-18.01	56.24	-0.25	Peak	216	94

Modulation	11a	**Test Freq. (MHz)**	5240
Polarization	Vertical -Average Value		

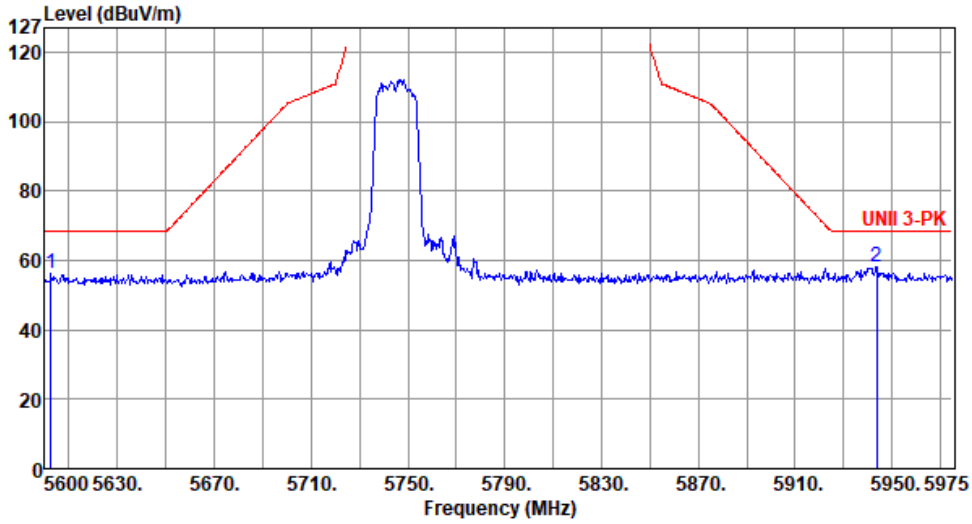
Test By :Akun Chung Temperature(℃):25 Humidity(%):65



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5105.40	43.34	54.00	-10.66	43.20	0.14	Average	216	94
2	5366.40	43.19	54.00	-10.81	43.40	-0.21	Average	216	94

Modulation	11a	**Test Freq. (MHz)**	5745
Polarization	Horizontal-Peak Value		

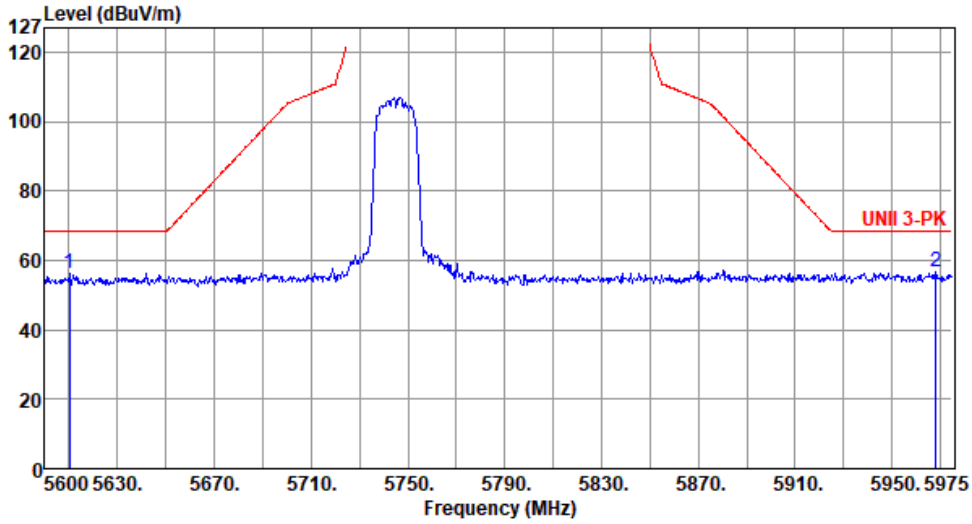
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5602.63	56.30	68.20	-11.90	56.09	0.21	Peak	308	236
2	5943.88	58.08	68.20	-10.12	57.02	1.06	Peak	308	236

Modulation	11a	**Test Freq. (MHz)**	5745
Polarization	Vertical-Peak Value		

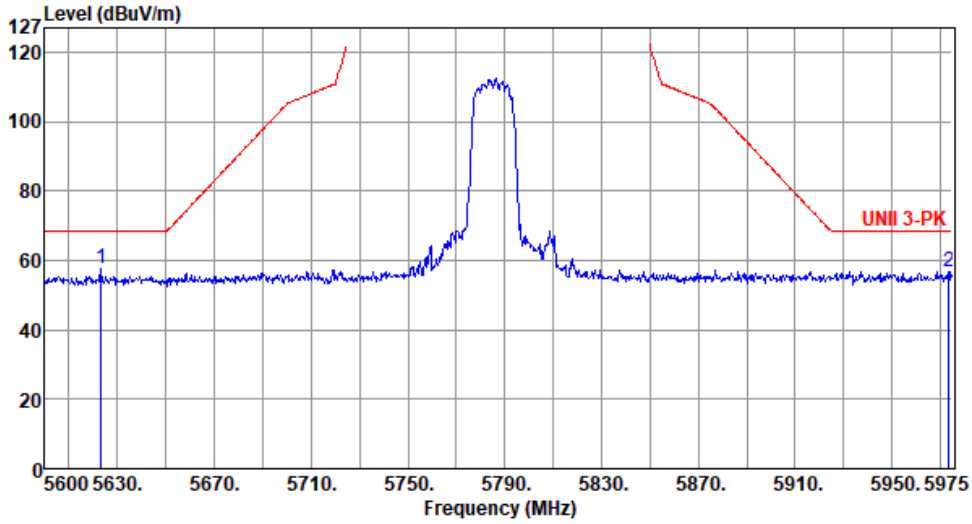
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5610.13	56.11	68.20	-12.09	55.88	0.23	Peak	302	178
2	5968.25	56.86	68.20	-11.34	55.76	1.10	Peak	302	178

Modulation	11a	**Test Freq. (MHz)**	5785
Polarization	Horizontal-Peak Value		

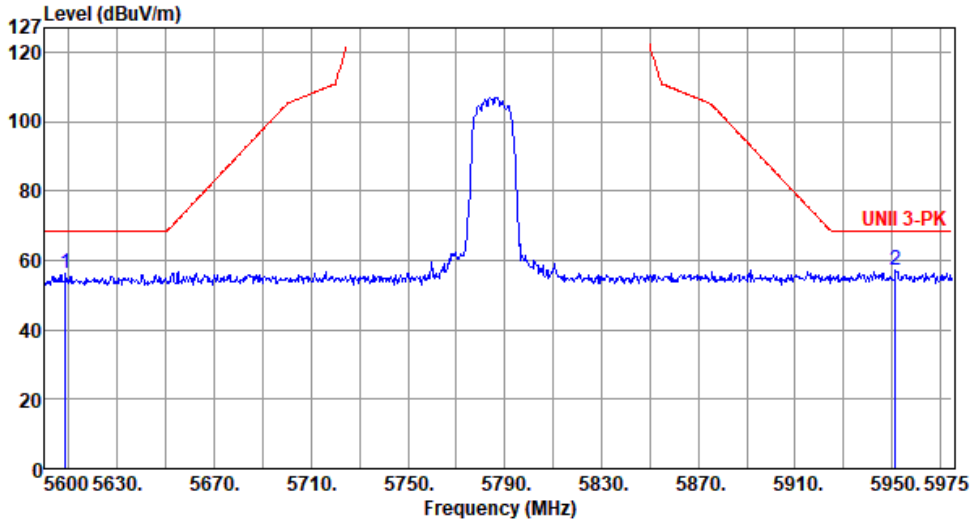
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5623.25	57.82	68.20	-10.38	57.56	0.26	Peak	314	241
2	5973.50	56.69	68.20	-11.51	55.57	1.12	Peak	314	241

Modulation	11a	Test Freq. (MHz)	5785
Polarization	Vertical-Peak Value		

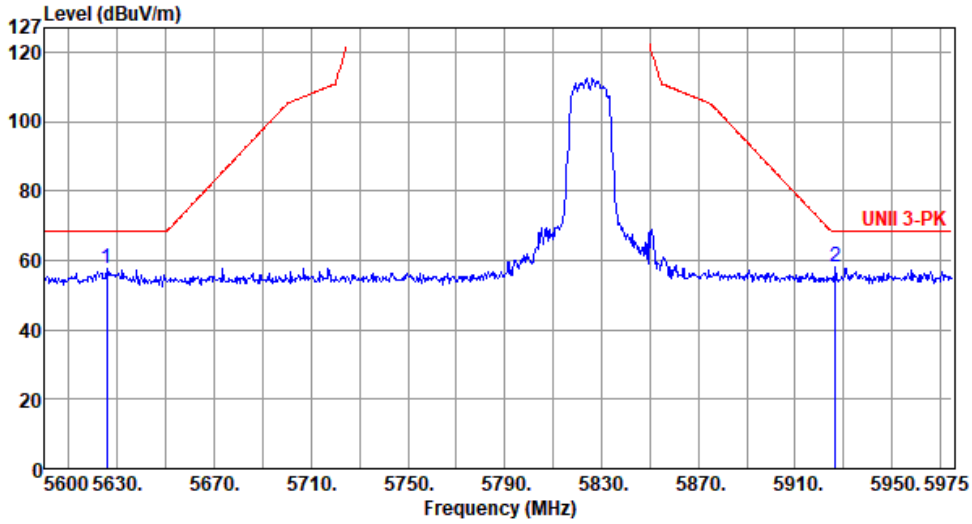
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5608.63	56.08	68.20	-12.12	55.85	0.23	Peak	303	177
2	5951.38	57.09	68.20	-11.11	56.03	1.06	Peak	303	177

Modulation	11a	**Test Freq. (MHz)**	5825
Polarization	Horizontal-Peak Value		

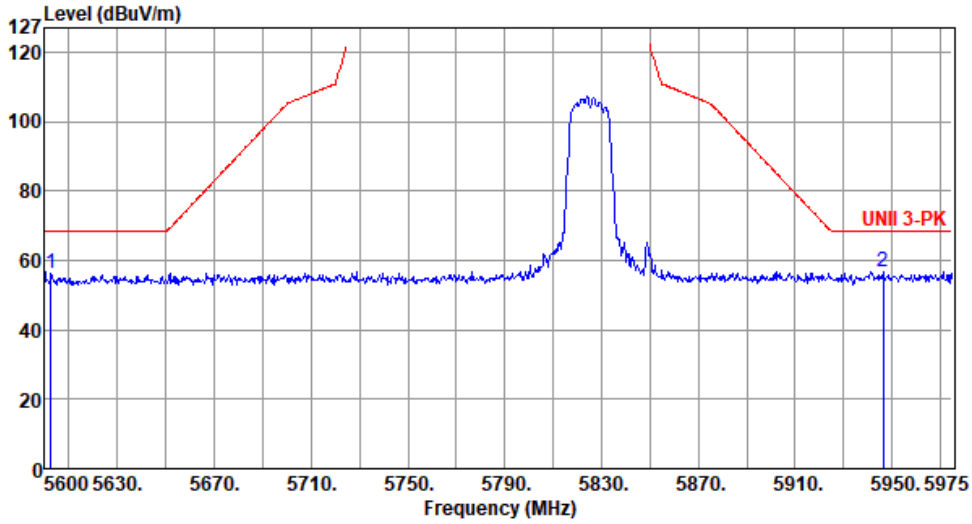
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5625.50	57.73	68.20	-10.47	57.47	0.26	Peak	319	239
2	5926.63	58.30	68.20	-9.90	57.25	1.05	Peak	319	239

Modulation	11a	**Test Freq. (MHz)**	5825
Polarization	Vertical-Peak Value		

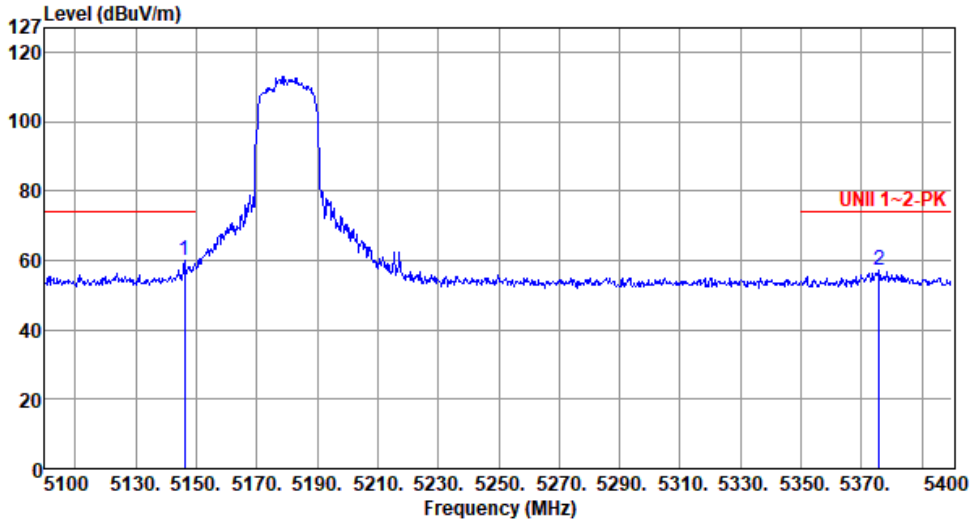
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5602.63	56.14	68.20	-12.06	55.93	0.21	Peak	316	182
2	5946.50	56.91	68.20	-11.29	55.85	1.06	Peak	316	182

Modulation	ax HE20	**Test Freq. (MHz)**	5180
Polarization	Horizontal-Peak Value		

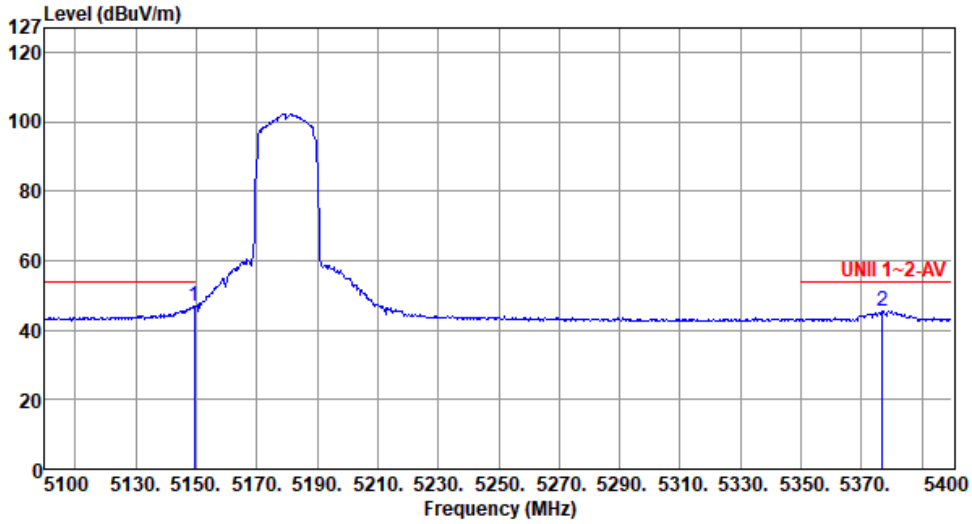
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5146.20	59.87	74.00	-14.13	59.56	0.31	Peak	231	100
2	5375.70	57.10	74.00	-16.90	57.30	-0.20	Peak	231	100

Modulation	ax HE20	**Test Freq. (MHz)**	5180
Polarization	Horizontal-Average Value		

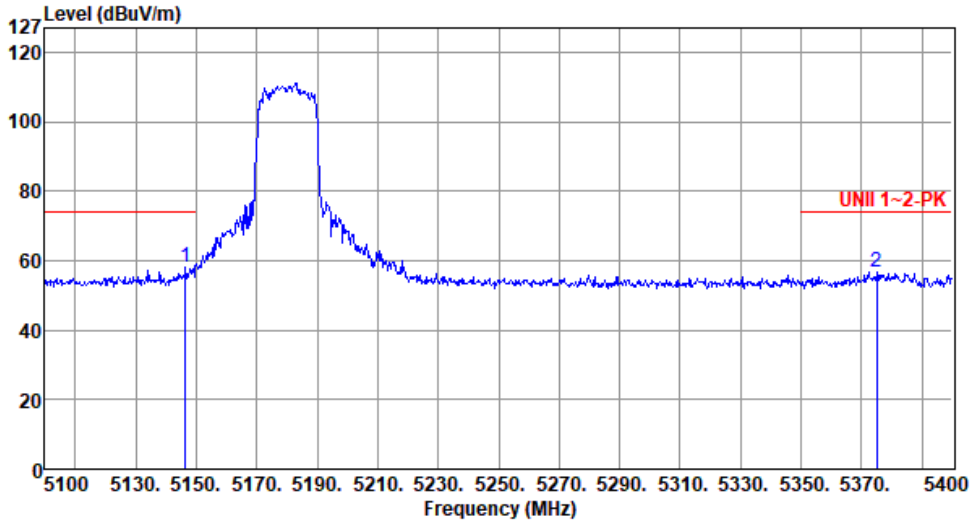
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5149.50	47.10	54.00	-6.90	46.77	0.33	Average	231	100
2	5376.90	45.62	54.00	-8.38	45.82	-0.20	Average	231	100

Modulation	ax HE20	**Test Freq. (MHz)**	5180
Polarization	Vertical-Peak Value		

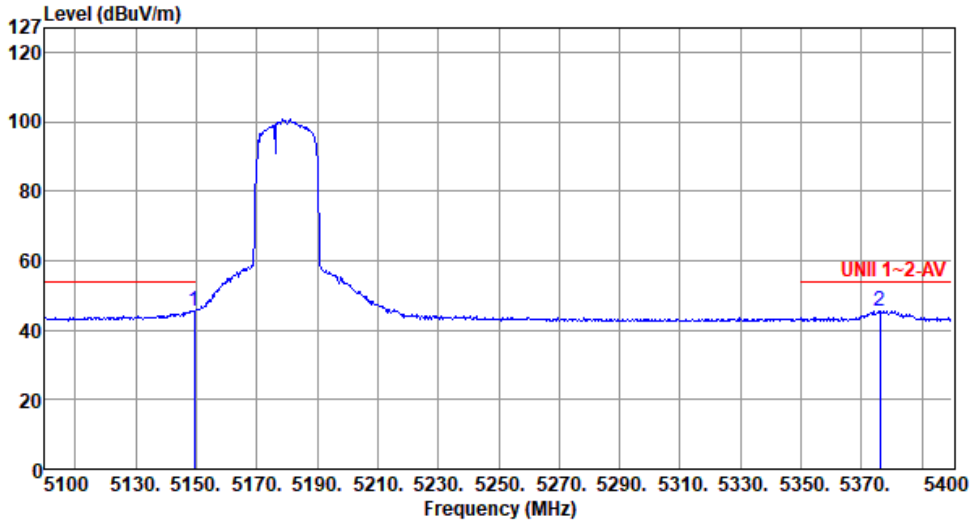
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5146.50	58.08	74.00	-15.92	57.76	0.32	Peak	222	95
2	5375.10	56.68	74.00	-17.32	56.88	-0.20	Peak	222	95

Modulation	ax HE20	**Test Freq. (MHz)**	5180
Polarization	Vertical -Average Value		

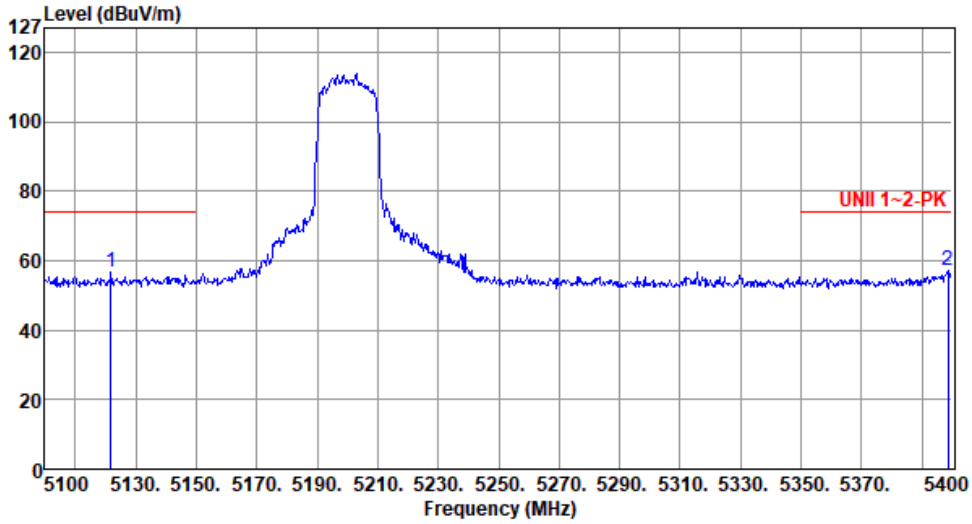
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5149.50	45.58	54.00	-8.42	45.25	0.33	Average	222	95
2	5376.00	45.48	54.00	-8.52	45.68	-0.20	Average	222	95

Modulation	ax HE20	**Test Freq. (MHz)**	5200
Polarization	Horizontal-Peak Value		

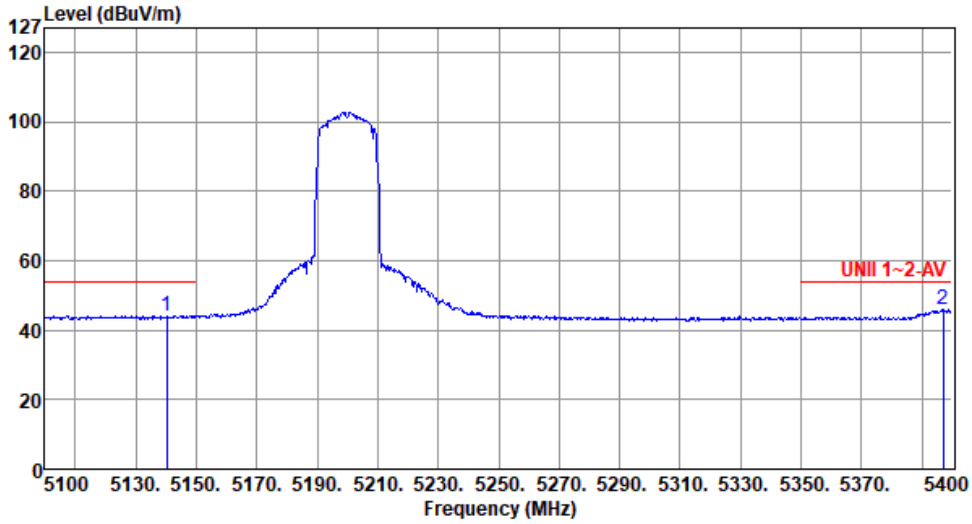
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5121.90	56.58	74.00	-17.42	56.37	0.21	Peak	314	258
2	5398.50	57.24	74.00	-16.76	57.38	-0.14	Peak	314	258

Modulation	ax HE20	**Test Freq. (MHz)**	5200
Polarization	Horizontal-Average Value		

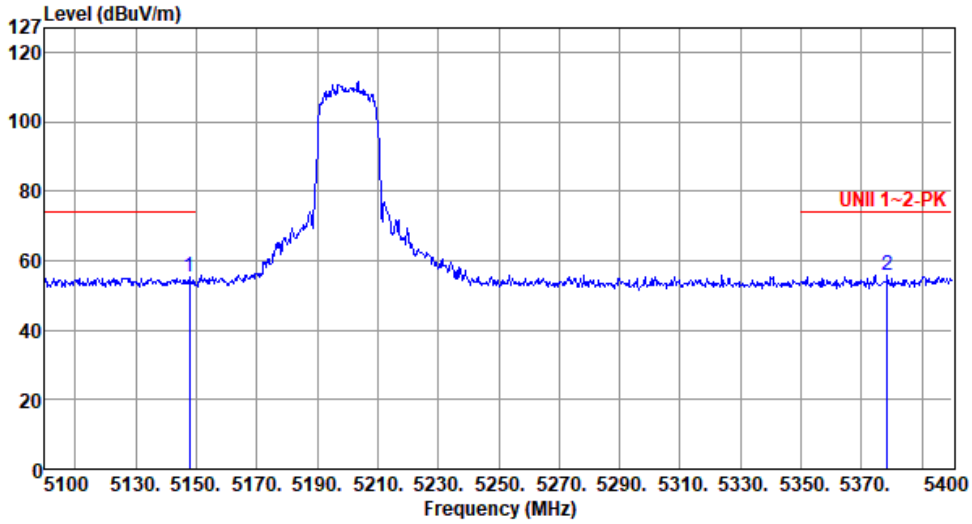
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5140.20	44.27	54.00	-9.73	43.99	0.28	Average	314	258
2	5397.00	45.79	54.00	-8.21	45.94	-0.15	Average	314	258

Modulation	ax HE20	**Test Freq. (MHz)**	5200
Polarization	Vertical-Peak Value		

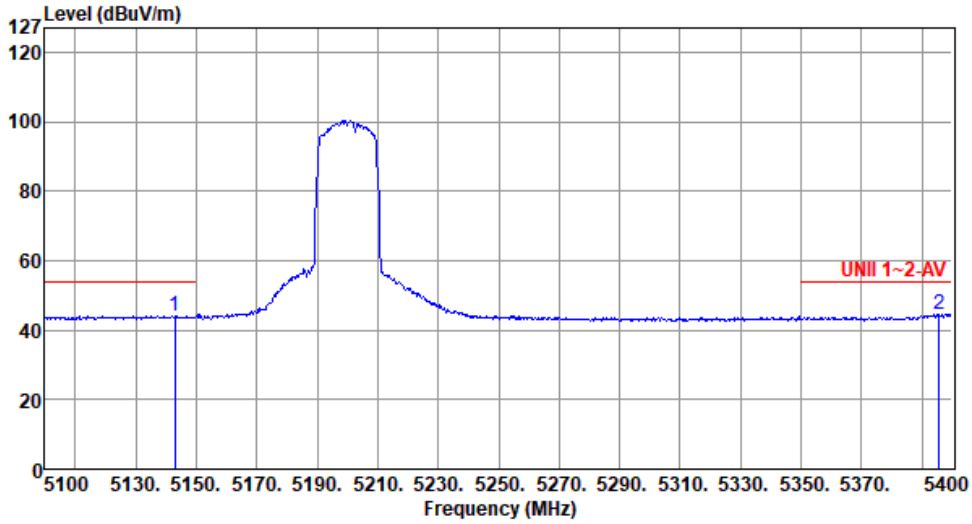
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5147.70	55.14	74.00	-18.86	54.82	0.32	Peak	304	6
2	5378.40	55.74	74.00	-18.26	55.92	-0.18	Peak	304	6

Modulation	ax HE20	**Test Freq. (MHz)**	5200
Polarization	Vertical -Average Value		

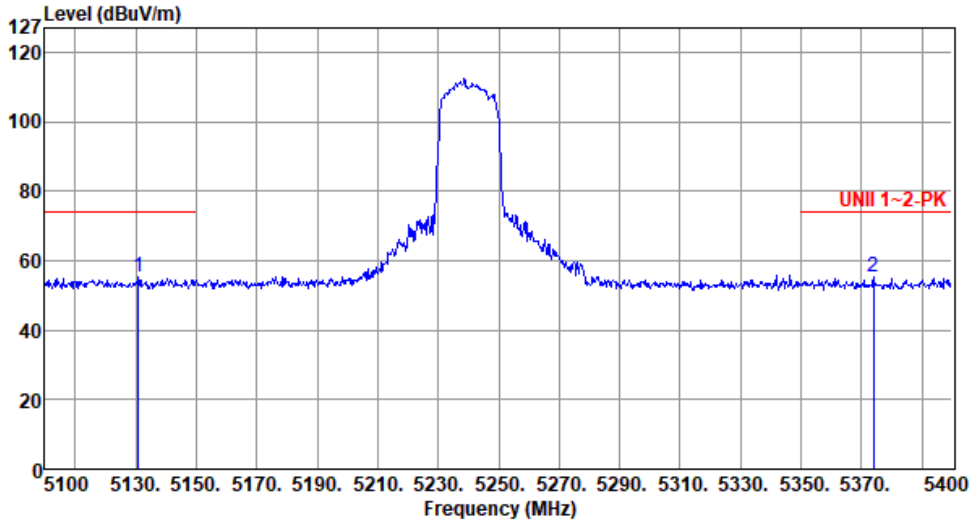
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5142.90	44.21	54.00	-9.79	43.92	0.29	Average	304	6
2	5395.50	44.52	54.00	-9.48	44.67	-0.15	Average	304	6

Modulation	ax HE20	**Test Freq. (MHz)**	5240
Polarization	Horizontal-Peak Value		

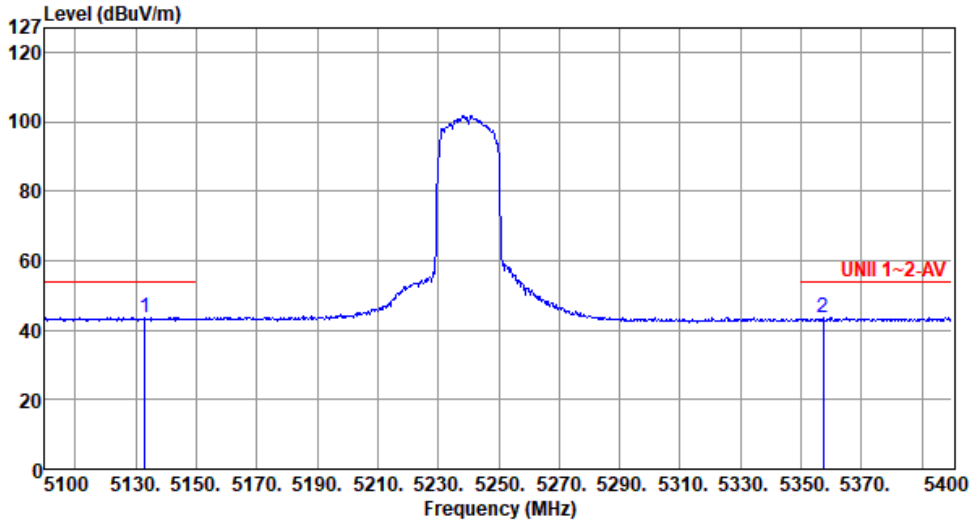
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5130.90	55.49	74.00	-18.51	55.25	0.24	Peak	329	258
2	5373.90	55.47	74.00	-18.53	55.67	-0.20	Peak	329	258

Modulation	ax HE20	**Test Freq. (MHz)**	5240
Polarization	Horizontal-Average Value		

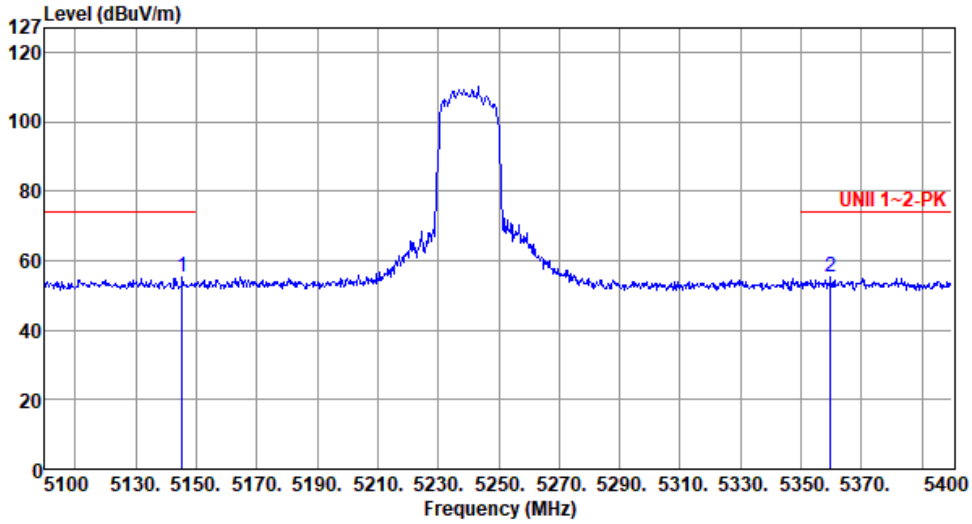
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5133.00	43.76	54.00	-10.24	43.51	0.25	Average	329	258
2	5357.40	43.57	54.00	-10.43	43.81	-0.24	Average	329	258

Modulation	ax HE20	**Test Freq. (MHz)**	5240
Polarization	Vertical-Peak Value		

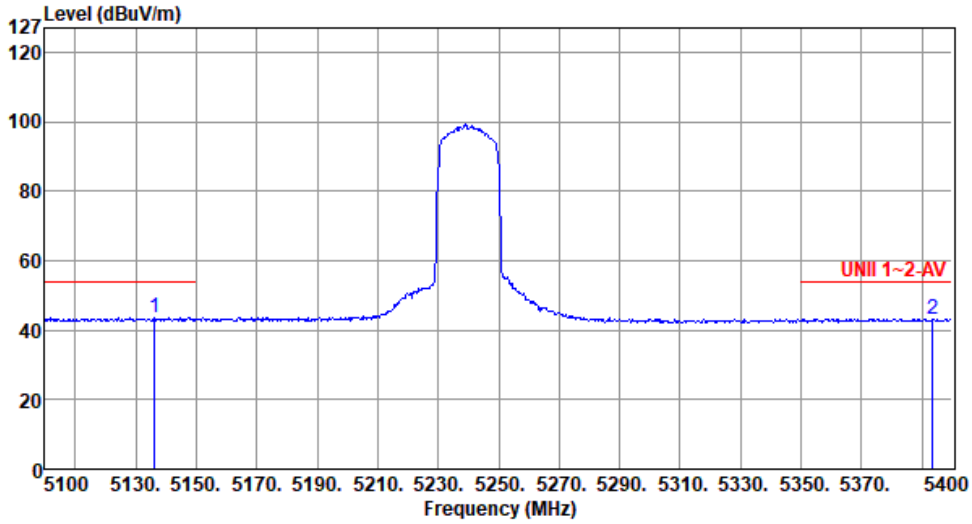
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5145.30	55.26	74.00	-18.74	54.96	0.30	Peak	330	172
2	5359.80	55.11	74.00	-18.89	55.34	-0.23	Peak	330	172

Modulation	ax HE20	Test Freq. (MHz)	5240
Polarization	Vertical -Average Value		

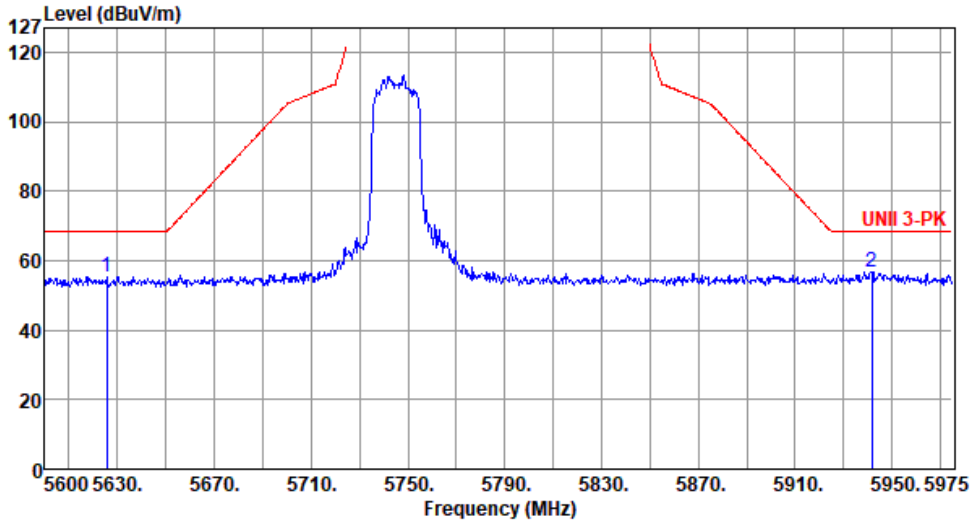
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5136.30	43.52	54.00	-10.48	43.25	0.27	Average	330	172
2	5393.40	43.27	54.00	-10.73	43.42	-0.15	Average	330	172

Modulation	ax HE20	**Test Freq. (MHz)**	5745
Polarization	Horizontal-Peak Value		

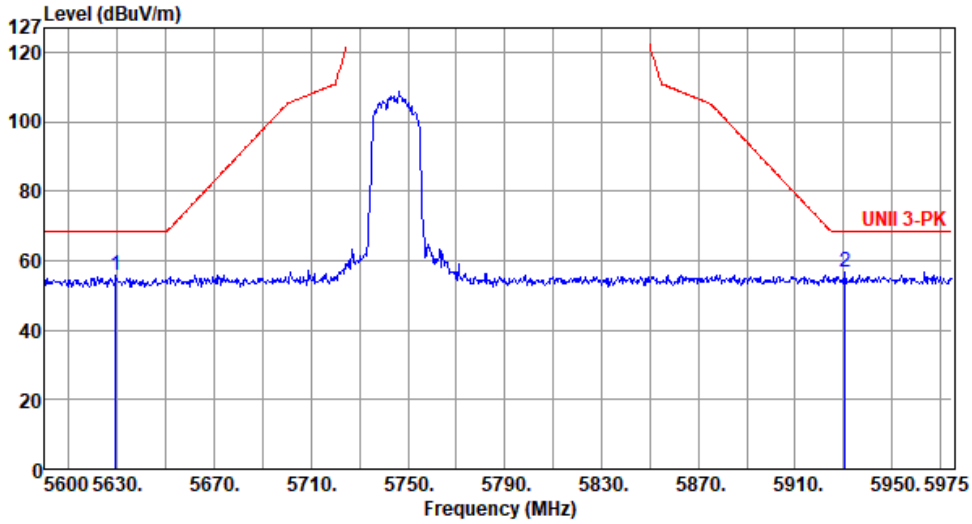
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5625.50	55.50	68.20	-12.70	55.24	0.26	Peak	310	234
2	5941.63	56.79	68.20	-11.41	55.73	1.06	Peak	310	234

Modulation	ax HE20	**Test Freq. (MHz)**	5745
Polarization	Vertical-Peak Value		

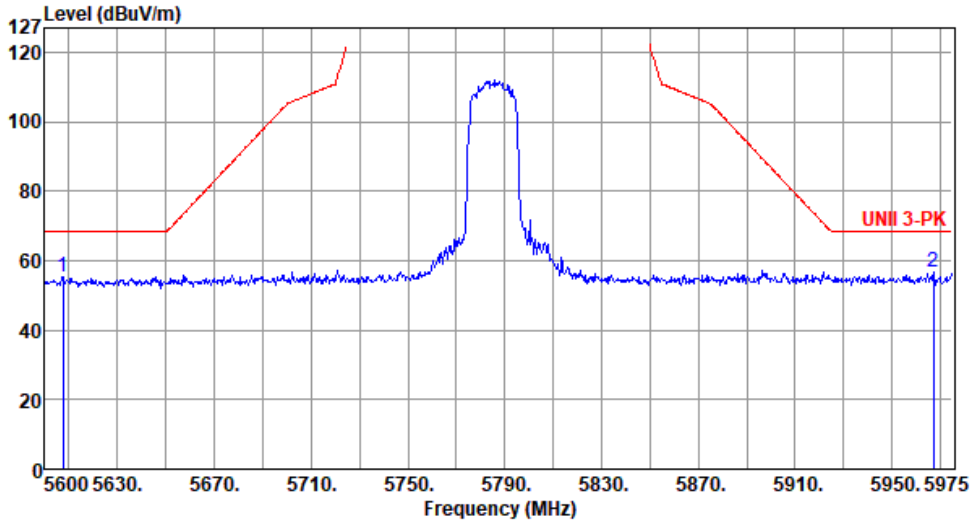
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5629.25	55.56	68.20	-12.64	55.29	0.27	Peak	324	191
2	5930.75	56.82	68.20	-11.38	55.77	1.05	Peak	324	191

Modulation	ax HE20	**Test Freq. (MHz)**	5785
Polarization	Horizontal-Peak Value		

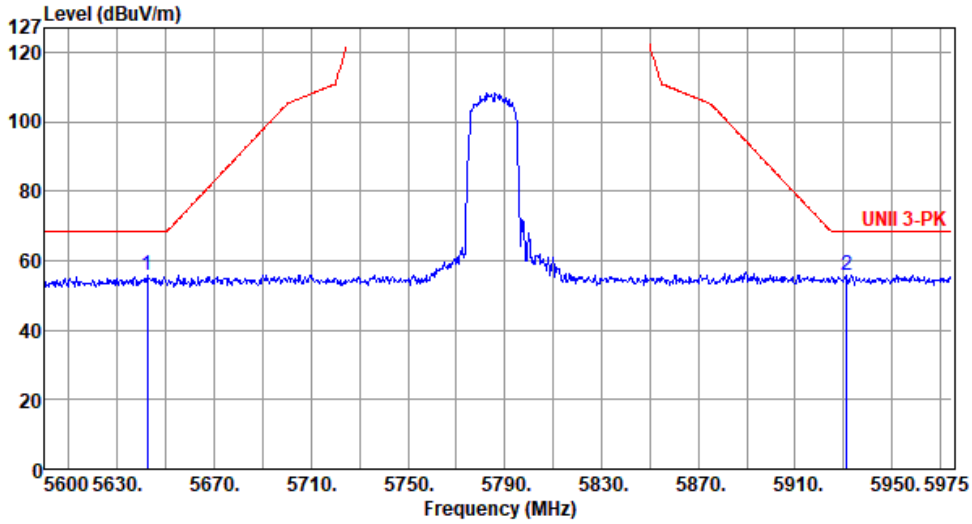
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5607.50	55.27	68.20	-12.93	55.06	0.21	Peak	335	224
2	5967.13	56.66	68.20	-11.54	55.57	1.09	Peak	335	224

Modulation	ax HE20	**Test Freq. (MHz)**	5785
Polarization	Vertical-Peak Value		

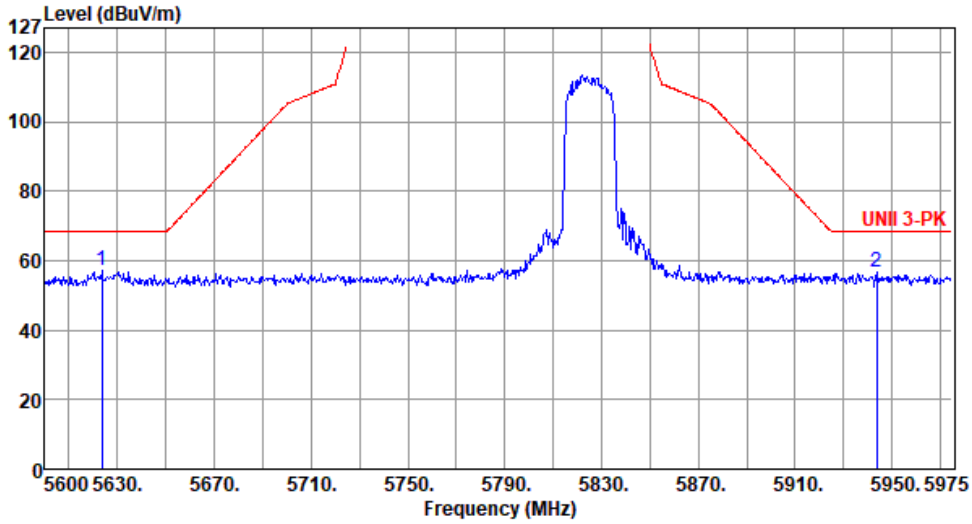
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5642.38	55.63	68.20	-12.57	55.33	0.30	Peak	349	187
2	5931.50	55.89	68.20	-12.31	54.84	1.05	Peak	349	187

Modulation	ax HE20	**Test Freq. (MHz)**	5825
Polarization	Horizontal-Peak Value		

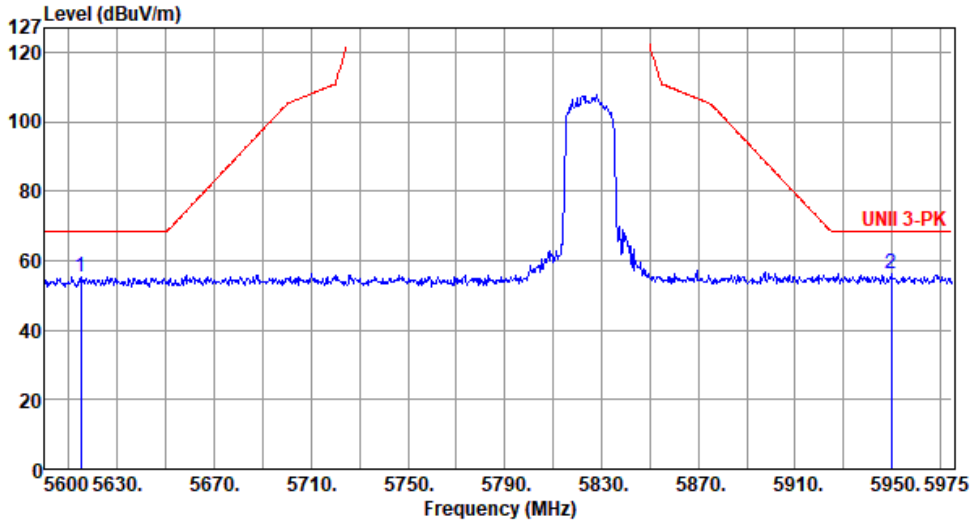
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5623.63	57.00	68.20	-11.20	56.74	0.26	Peak	312	227
2	5943.88	56.47	68.20	-11.73	55.41	1.06	Peak	312	227

Modulation	ax HE20	**Test Freq. (MHz)**	5825
Polarization	Vertical-Peak Value		

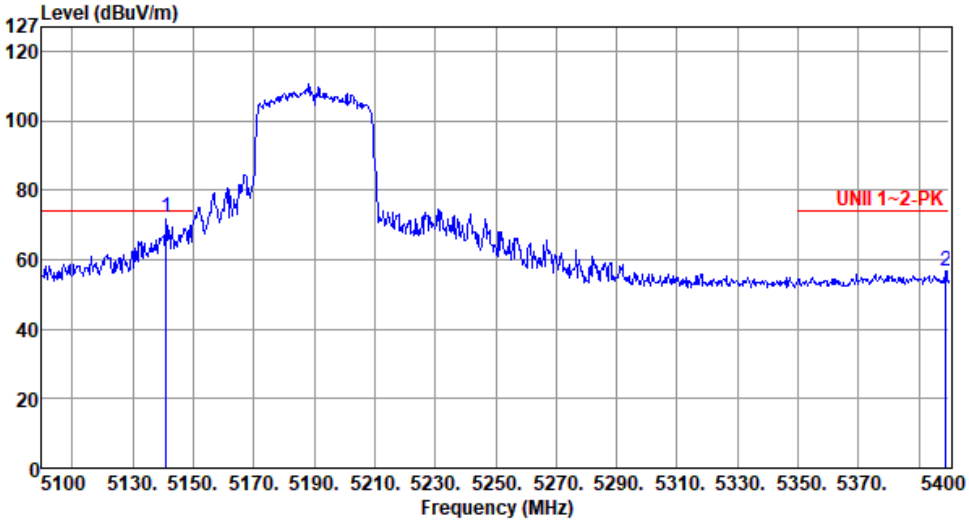
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5615.00	55.50	68.20	-12.70	55.26	0.24	Peak	316	188
2	5949.88	56.37	68.20	-11.83	55.31	1.06	Peak	316	188

Modulation	ax HE40	**Test Freq. (MHz)**	5190
Polarization	Horizontal-Peak Value		

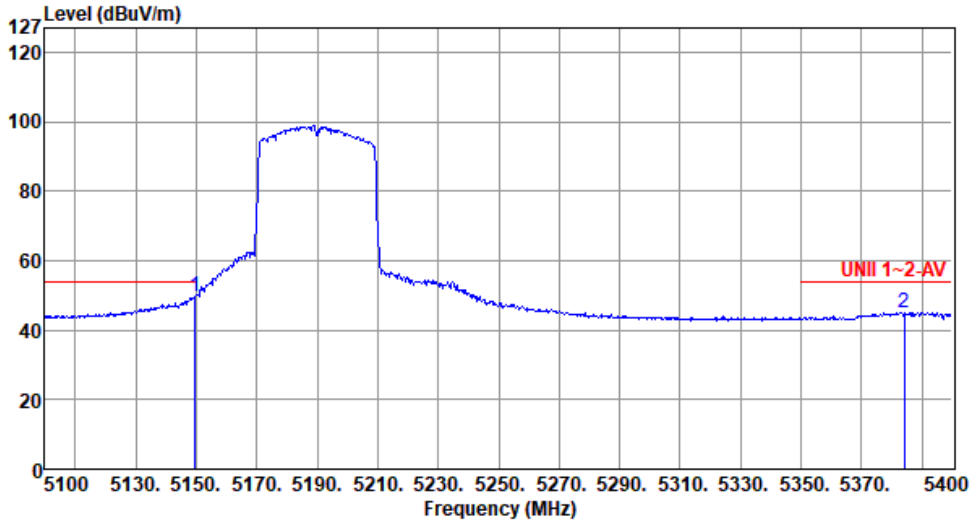
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5141.10	72.25	74.00	-1.75	71.97	0.28	Peak	295	109
2	5398.80	56.73	74.00	-17.27	56.87	-0.14	Peak	295	109

Modulation	ax HE40	Test Freq. (MHz)	5190
Polarization	Horizontal-Average Value		

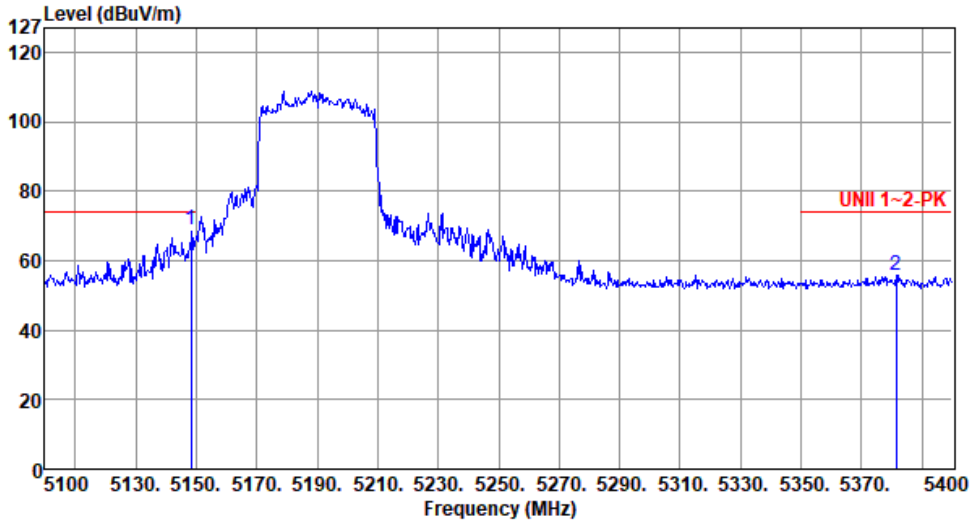
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5149.80	49.50	54.00	-4.50	49.17	0.33	Average	295	109
2	5384.10	45.09	54.00	-8.91	45.26	-0.17	Average	295	109

Modulation	ax HE40	**Test Freq. (MHz)**	5190
Polarization	Vertical-Peak Value		

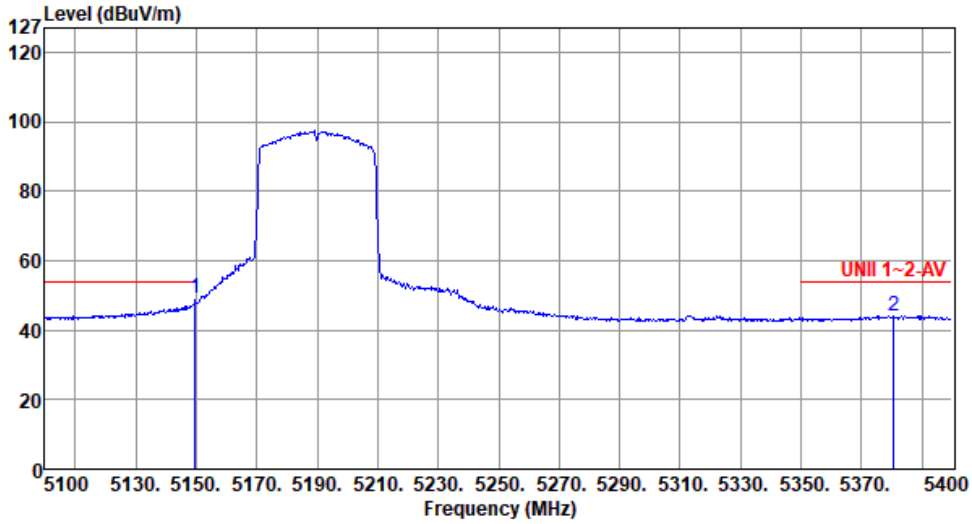
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5148.30	68.86	74.00	-5.14	68.54	0.32	Peak	307	10
2	5381.40	55.81	74.00	-18.19	55.99	-0.18	Peak	307	10

Modulation	ax HE40	**Test Freq. (MHz)**	5190
Polarization	Vertical -Average Value		

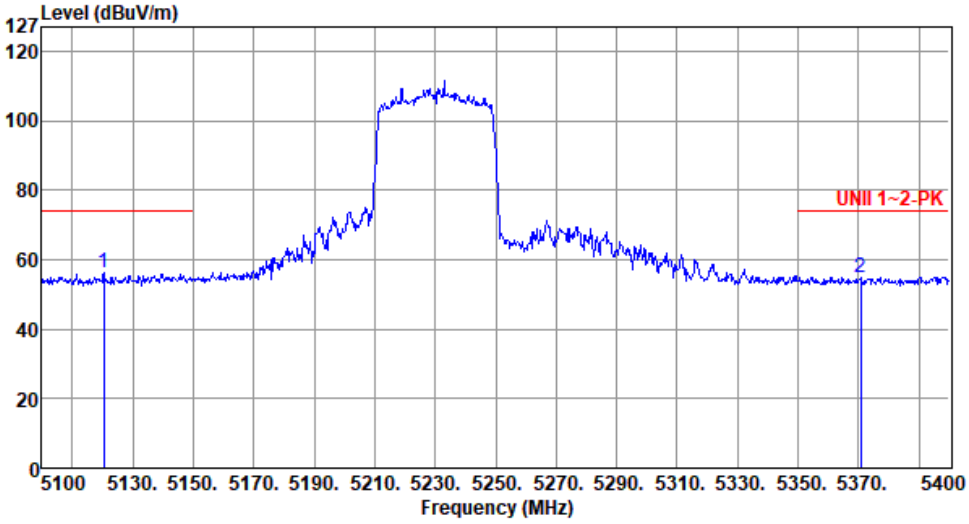
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5149.80	49.10	54.00	-4.90	48.77	0.33	Average	307	10
2	5380.50	44.17	54.00	-9.83	44.35	-0.18	Average	307	10

Modulation	ax HE40	**Test Freq. (MHz)**	5230
Polarization	Horizontal-Peak Value		

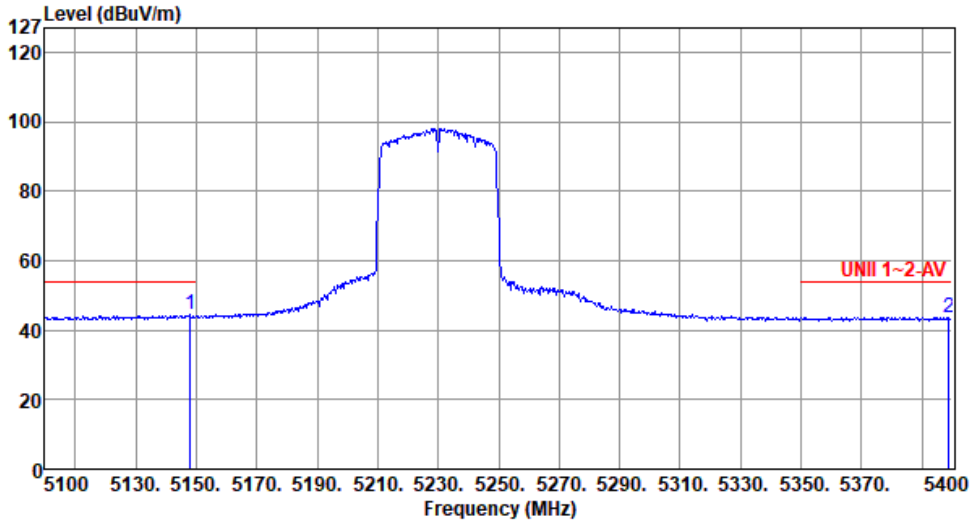
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5120.40	56.38	74.00	-17.62	56.18	0.20	Peak	303	106
2	5370.60	54.97	74.00	-19.03	55.18	-0.21	Peak	303	106

Modulation	ax HE40	**Test Freq. (MHz)**	5230
Polarization	Horizontal-Average Value		

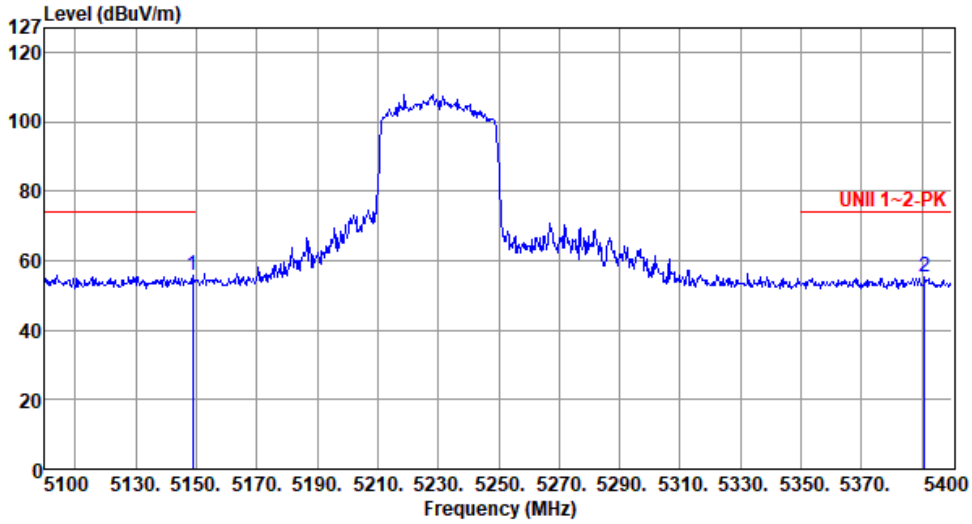
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5148.00	44.31	54.00	-9.69	43.99	0.32	Average	303	106
2	5398.80	43.71	54.00	-10.29	43.85	-0.14	Average	303	106

Modulation	ax HE40	**Test Freq. (MHz)**	5230
Polarization	Vertical-Peak Value		

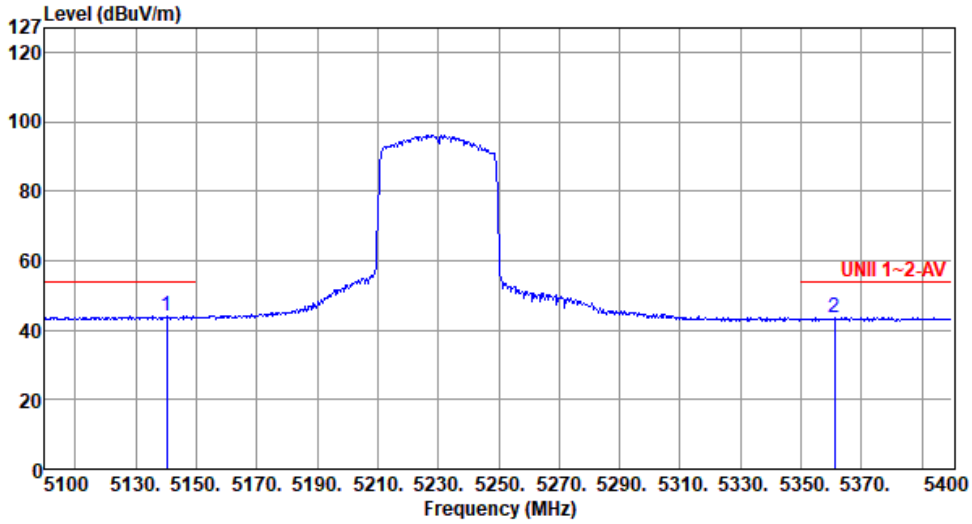
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5148.90	55.80	74.00	-18.20	55.47	0.33	Peak	340	9
2	5390.70	55.24	74.00	-18.76	55.41	-0.17	Peak	340	9

Modulation	ax HE40	**Test Freq. (MHz)**	5230
Polarization	Vertical -Average Value		

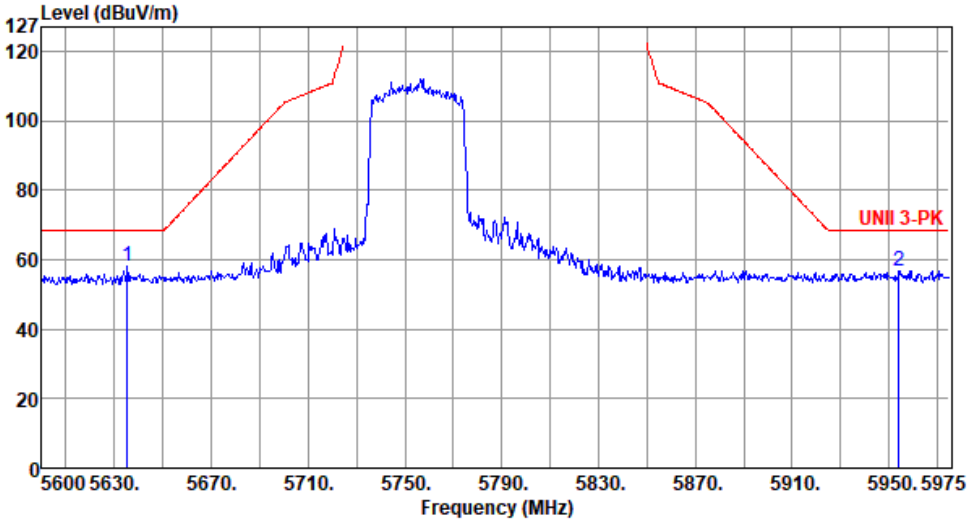
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5140.20	43.95	54.00	-10.05	43.67	0.28	Average	340	9
2	5361.00	43.71	54.00	-10.29	43.94	-0.23	Average	340	9

Modulation	ax HE40	**Test Freq. (MHz)**	5755
Polarization	Horizontal-Peak Value		

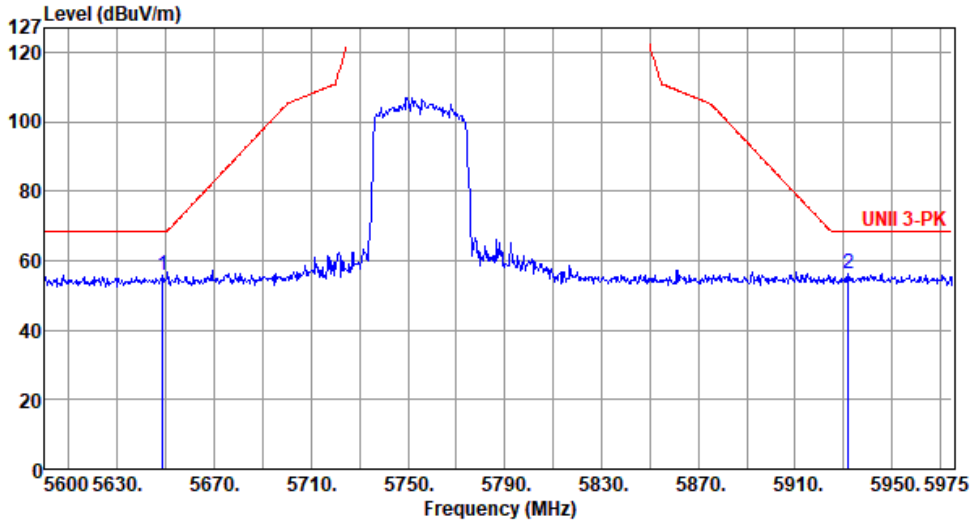
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5635.25	57.94	68.20	-10.26	57.66	0.28	Peak	321	233
2	5954.00	56.91	68.20	-11.29	55.84	1.07	Peak	321	233

Modulation	ax HE40	**Test Freq. (MHz)**	5755
Polarization	Vertical-Peak Value		

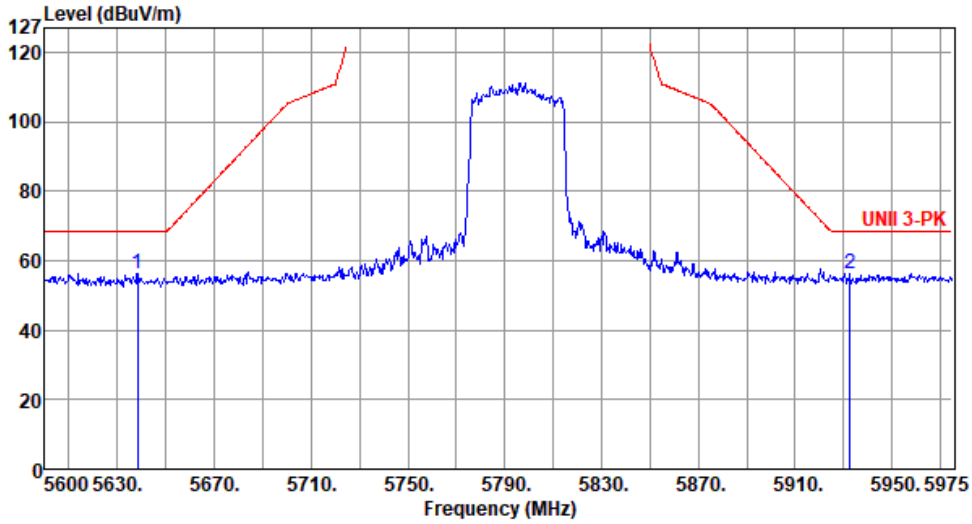
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5648.75	55.76	68.20	-12.44	55.44	0.32	Peak	322	192
2	5931.88	56.19	68.20	-12.01	55.14	1.05	Peak	322	192

Modulation	ax HE40	**Test Freq. (MHz)**	5795
Polarization	Horizontal-Peak Value		

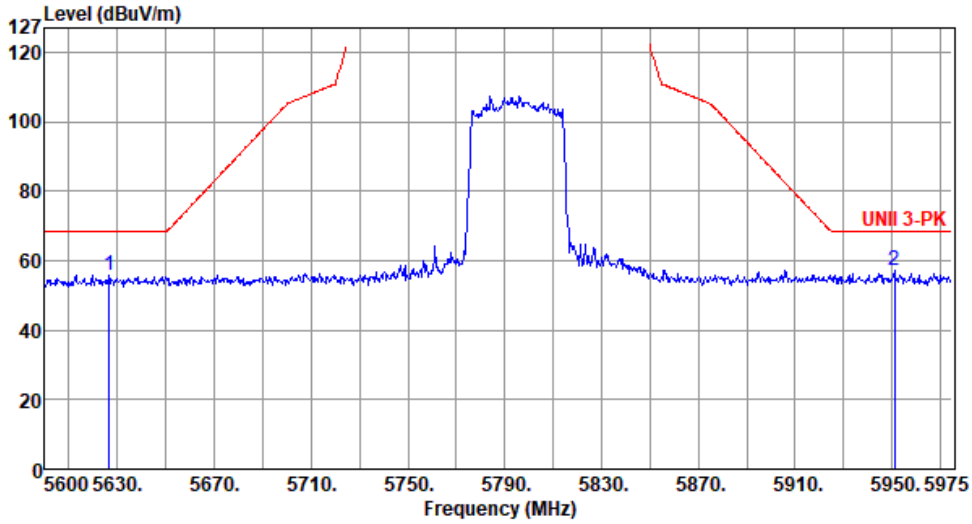
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5638.25	56.15	68.20	-12.05	55.86	0.29	Peak	316	227
2	5932.63	56.35	68.20	-11.85	55.30	1.05	Peak	316	227

Modulation	ax HE40	**Test Freq. (MHz)**	5795
Polarization	Vertical-Peak Value		

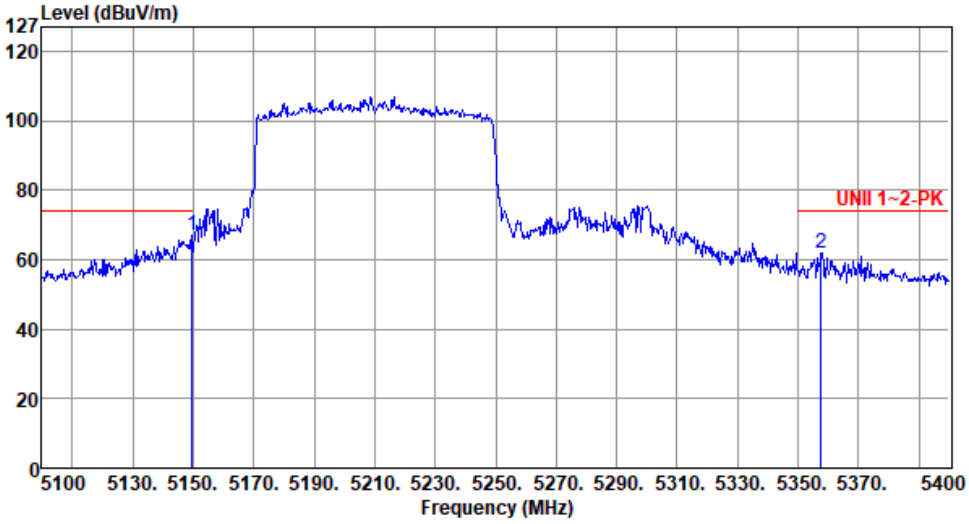
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5626.63	55.72	68.20	-12.48	55.46	0.26	Peak	350	191
2	5951.00	56.98	68.20	-11.22	55.92	1.06	Peak	350	191

Modulation	ax HE80	**Test Freq. (MHz)**	5210
Polarization	Horizontal-Peak Value		

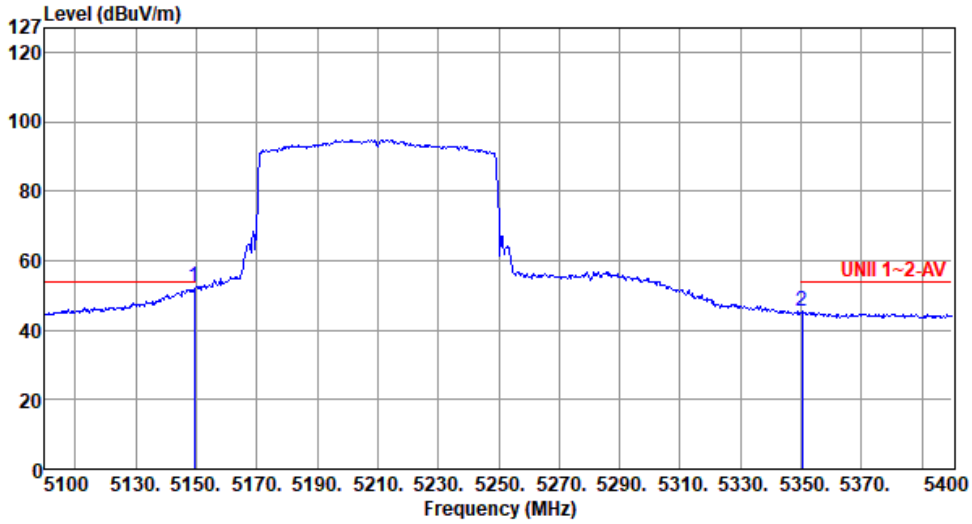
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5149.80	66.88	74.00	-7.12	66.55	0.33	Peak	322	261
2	5357.70	61.79	74.00	-12.21	62.02	-0.23	Peak	322	261

Modulation	ax HE80	**Test Freq. (MHz)**	5210
Polarization	Horizontal-Average Value		

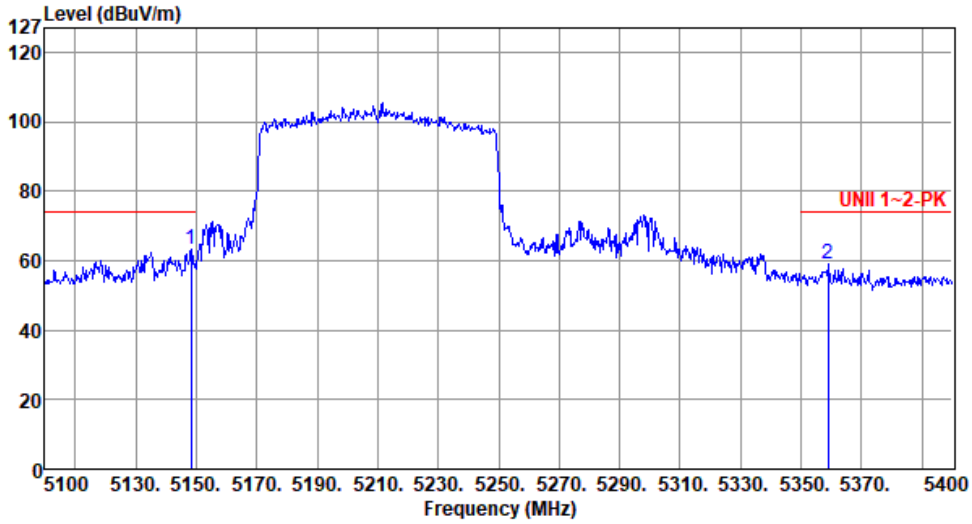
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5149.50	52.54	54.00	-1.46	52.21	0.33	Average	322	261
2	5350.20	45.24	54.00	-8.76	45.49	-0.25	Average	322	261

Modulation	ax HE80	**Test Freq. (MHz)**	5210
Polarization	Vertical-Peak Value		

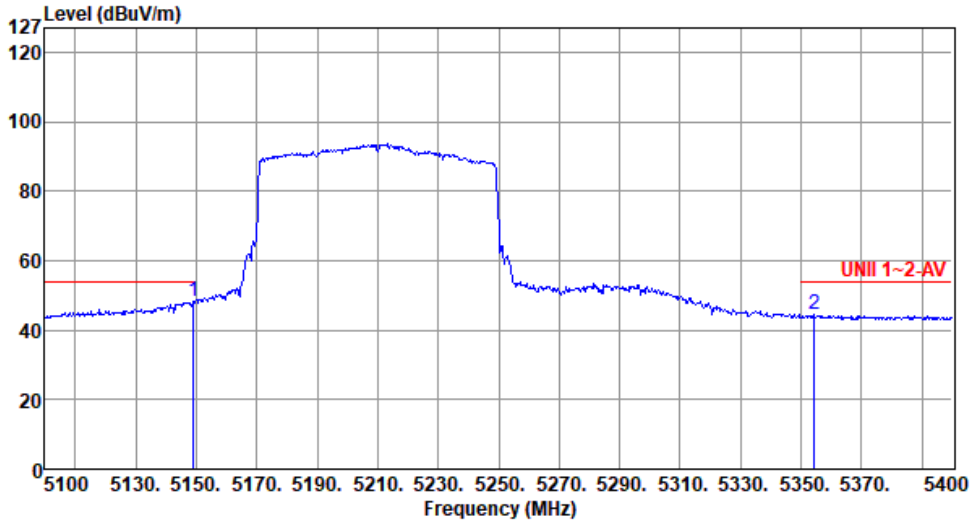
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5148.30	63.36	74.00	-10.64	63.04	0.32	Peak	232	94
2	5358.90	59.16	74.00	-14.84	59.39	-0.23	Peak	232	94

Modulation	ax HE80	**Test Freq. (MHz)**	5210
Polarization	Vertical -Average Value		

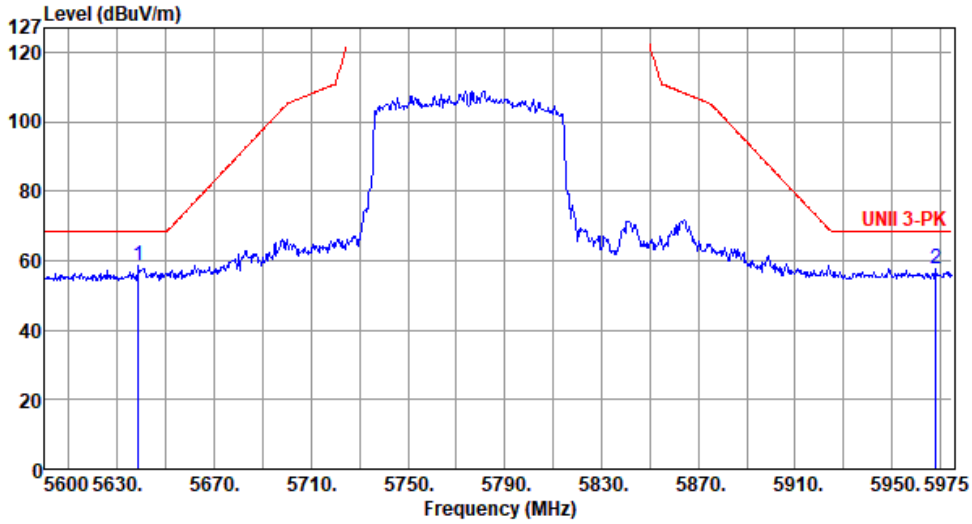
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5149.20	48.31	54.00	-5.69	47.98	0.33	Average	232	94
2	5354.40	44.53	54.00	-9.47	44.77	-0.24	Average	232	94

Modulation	ax HE80	**Test Freq. (MHz)**	5775
Polarization	Horizontal-Peak Value		

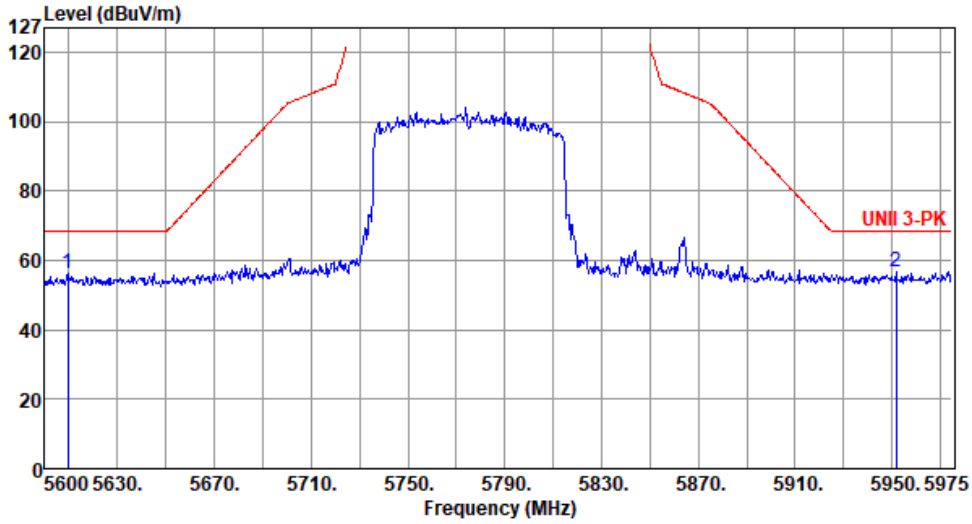
Test By :Akun Chung Temperature(℃):24 Humidity(%):64



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5638.63	58.81	68.20	-9.39	58.52	0.29	Peak	316	227
2	5968.25	57.59	68.20	-10.61	56.49	1.10	Peak	316	227

Modulation	ax HE80	**Test Freq. (MHz)**	5775
Polarization	Vertical-Peak Value		

Test By :Akun Chung Temperature(℃):24 Humidity(%):64



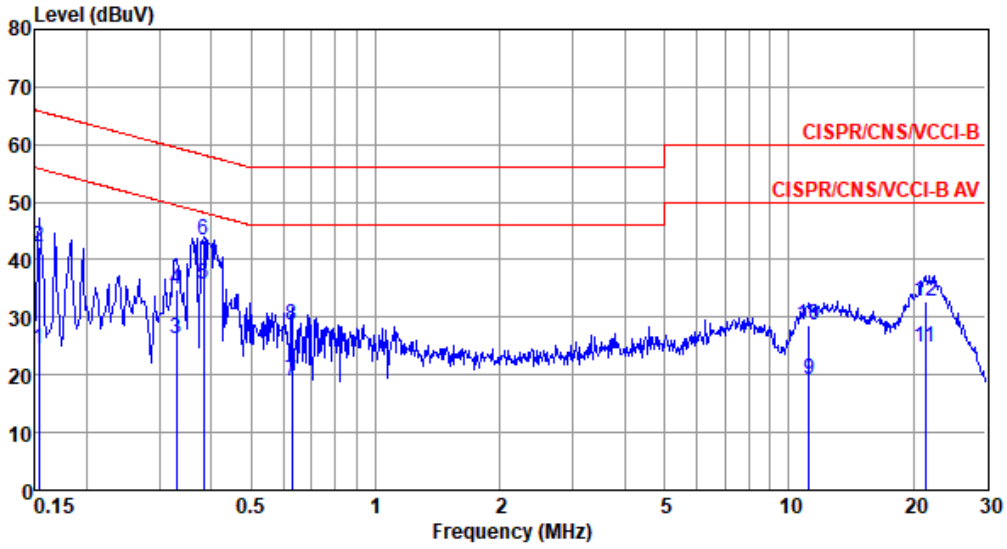
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5609.38	56.30	68.20	-11.90	56.07	0.23	Peak	320	191
2	5951.75	56.70	68.20	-11.50	55.64	1.06	Peak	320	191

Frequency: 5200 MHz	Frequency Drift (ppm)			
Temperature (ºC)	**0 minute**	**2 minutes**	**5 minutes**	**10 minutes**
T20°CVmax	-1.02	-1.27	-1.39	-0.92
T20°CVmin	-1.12	-0.88	-0.94	-0.81
T40°CVnom	-2.67	-2.58	-3.01	-2.41
T30°CVnom	-1.88	-2.02	-1.67	-1.79
T20°CVnom	-1.06	-0.81	-0.88	-0.82
T10°CVnom	0.67	0.67	1.06	0.71
T0°CVnom	2.21	1.99	2.52	2.26
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [°C]: 20	Tmax [°C]: 40		Tmin [°C]: 0	

Frequency: 5785 MHz	Frequency Drift (ppm			
Temperature (ºC)	**0 minute**	**2 minutes**	**5 minutes**	**10 minutes**
T20°CVmax	-0.92	-1.06	-0.48	-0.99
T20°CVmin	-1.00	-1.17	-0.73	-1.00
T40°CVnom	-2.40	-2.35	-2.06	-2.34
T30°CVnom	-1.69	-1.76	-1.57	-1.93
T20°CVnom	-0.95	-0.42	-0.69	-0.71
T10°CVnom	0.61	0.86	0.84	0.49
T0°CVnom	1.99	2.21	1.98	1.72
Vnom [V]: 120	Vmax [V]: 138		Vmin [V]: 102	
Tnom [°C]: 20	Tmax [°C]: 40		Tmin [°C]: 0	

Modulation Mode	ax HE40	**Test Freq. (MHz)**	5755
Power Phase	Line		

Test by : Joe Liao Temperature: 23°C Humidity: 65%

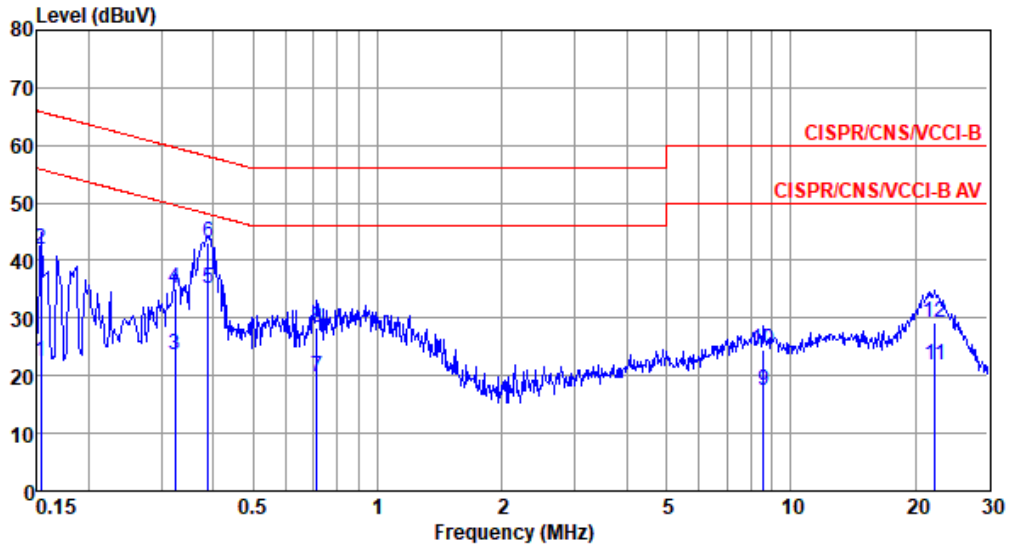


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.153	24.43	55.82	-31.39	14.59	9.65	0.03	0.16	Average
2	0.153	42.32	65.82	-23.50	32.48	9.65	0.03	0.16	QP
3	0.330	26.23	49.44	-23.21	16.35	9.64	0.04	0.20	Average
4	0.330	34.69	59.44	-24.75	24.81	9.64	0.04	0.20	QP
5*	0.383	35.63	48.21	-12.58	25.73	9.64	0.04	0.22	Average
6	0.383	43.33	58.21	-14.88	33.43	9.64	0.04	0.22	QP
7	0.627	18.75	46.00	-27.25	8.80	9.64	0.05	0.26	Average
8	0.627	28.60	56.00	-27.40	18.65	9.64	0.05	0.26	QP
9	11.198	19.25	50.00	-30.75	8.67	9.72	0.24	0.62	Average
10	11.198	28.67	60.00	-31.33	18.09	9.72	0.24	0.62	QP
11	21.373	24.65	50.00	-25.35	13.95	9.68	0.31	0.71	Average
12	21.373	32.70	60.00	-27.30	22.00	9.68	0.31	0.71	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation Mode	ax HE40	**Test Freq. (MHz)**	5755
Power Phase	Neutral		

Test by : Joe Liao Temperature: 23°C Humidity: 65%



	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.153	22.50	55.82	-33.32	12.61	9.64	0.03	0.22	Average
2	0.153	41.91	65.82	-23.91	32.02	9.64	0.03	0.22	QP
3	0.323	23.74	49.62	-25.88	13.74	9.63	0.04	0.33	Average
4	0.323	35.15	59.62	-24.47	25.15	9.63	0.04	0.33	QP
5*	0.389	35.12	48.08	-12.96	25.10	9.63	0.04	0.35	Average
6	0.389	43.06	58.08	-15.02	33.04	9.63	0.04	0.35	QP
7	0.712	19.76	46.00	-26.24	9.66	9.64	0.05	0.41	Average
8	0.712	28.42	56.00	-27.58	18.32	9.64	0.05	0.41	QP
9	8.592	17.45	50.00	-32.55	6.92	9.71	0.22	0.60	Average
10	8.592	24.54	60.00	-35.46	14.01	9.71	0.22	0.60	QP
11	22.298	21.99	50.00	-28.01	11.11	9.79	0.31	0.78	Average
12	22.298	29.34	60.00	-30.66	18.46	9.79	0.31	0.78	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).