FCC C2PC Test Report

FCC ID	:	**HDC-17600074**
Equipment	:	**WiFi 7 10G Router**
Model No.	:	**SDG-8733, SDG-8734, SDG-8733v, SDG-8734v** **(Please refer to section 1.1.1 for more details)**
Brand Name	:	**Adtran**
Applicant	:	**Adtran**
Address	:	**901 Explorer Boulevard, Huntsville, Alabama, United States, 35806-2807**
Standard	:	**47 CFR FCC Part 15.407**
Received Date	:	**May 30, 2024**
Tested Date	:	**Jun. 03 ~ Jun. 11, 2024**

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**

Table of Contents

Release Record

Report No.	Version	Description	Issued Date
FR431301-01AN	Rev. 01	Initial issue	Oct. 08, 2024

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	[dBuV]: 0.396MHz 44.38 (Margin -3.57dB) - AV	Pass
15.407(b) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 5470.00MHz 68.02 (Margin -0.18dB) – PK	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

This report is prepared for FCC class II change.
This report is issued as a supplementary report to the original project no. FR431301AN. The difference is concerned with following items:

- ✧ Adding two models for configurations with VoIP function
- ✧ Version of I/O board is changed from V02 to V03.

Conducted emission and radiated emission tests had been re-tested and only its data was presented in the following sections.

1.1.1 Product Details (Adding models were marked in boldface.)

The following models are provided to this EUT.

Brand Name	Model Name	Product Name	Description
Adtran	SDG-8733	WiFi 7 10G Router	W/O VOIP, With 10G RJ45 WAN Port
	SDG-8734	WiFi 7 10G Router	W/O VOIP, With 10G SFP WAN Port
	SDG-8733v	**WiFi 7 10G Router**	**W/ VOIP, With 10G RJ45 WAN Port**
	SDG-8734v	**WiFi 7 10G Router**	**W/ VOIP, With 10G SFP WAN Port**

1.1.2 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 5250-5350 5470-5725 5725-5850	a	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	6-54 Mbps
5150-5250 5250-5350 5470-5725 5725-5850	n (HT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	MCS 0-31
5150-5250 5250-5350 5470-5725 5725-5850	n (HT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	4	MCS 0-31
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	MCS 0-9
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	4	MCS 0-9

5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [3] 155 [1]	4	MCS 0-9
5150-5250 5250-5350 5470-5725	ac (VHT160)	5250 5570	50 [1] 114 [1]	4	MCS 0-11
5150-5250 5250-5350 5470-5725 5725-5850	ax (HE20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	MCS 0-11
5150-5250 5250-5350 5470-5725 5725-5850	ax (HE40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	4	MCS 0-11
5150-5250 5250-5350 5470-5725 5725-5850	ax (HE80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [3] 155 [1]	4	MCS 0-11
5150-5250 5250-5350 5470-5725	ax (HE160)	5250 5570	50 [1] 114 [1]	4	MCS 0-11
5150-5250 5250-5350 5470-5725 5725-5850	be (EHT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	4	MCS 0-13
5150-5250 5250-5350 5470-5725 5725-5850	be (EHT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	4	MCS 0-13
5150-5250 5250-5350 5470-5725 5725-5850	be (EHT80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [3] 155 [1]	4	MCS 0-13
5150-5250 5250-5350 5470-5725	be (EHT160)	5250 5570	50 [1] 114 [1]	4	MCS 0-13
Note 1: OFDM/OFDMA- BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM and 4096QAM modulation.					

1.1.3 Antenna Details

Ant. No.	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725 ~ 5850
1	DB1	Dipole	UFL	3.948	5.688	5.607	5.316	4.309
2	DB2	Dipole	UFL	4.92	4.627	4.569	5.03	5.17
3	DB3	Dipole	UFL	3.842	4.597	5.481	6.018	4.796
4	DB4	Dipole	UFL	5.006	6.346	6.51	5.997	5.982
5	SM-DFS	Dipole	UFL	4.092	5.909	5.909	5.159	5.526

1.1.4 Configuration of Equipment under Test (EUT)

Power Supply Type	15Vdc from adapter	
TPC	☒ Support	☐ Not support
Beamforming	☒ Support	☐ Not support
RU Configuration	☒ Full RU	☐ Partial RU
Channel Puncturing	☐ Support	☒ Not support

1.1.5 Accessories

Accessories		
No.	**Equipment**	**Description**
1	AC adapter	Brand: LUCENT TRANS Model: 1A78 I/P: 100-240Vac, 50/60Hz, 1.2A O/P: 15V⎓ 3.0A, 45.0W Power Line: USB 1.8m non-shielded without core
2	AC adapter	Brand: PHIHONG Model: AA45A-59FKD I/P: 100-240Vac, 50/60Hz, 1.2A O/P: 15V⎓3.0A, 45.0W Power Line: USB 1.8m non-shielded without core
3	RJ45	2m non-shielded without core

1.1.6 Channel List

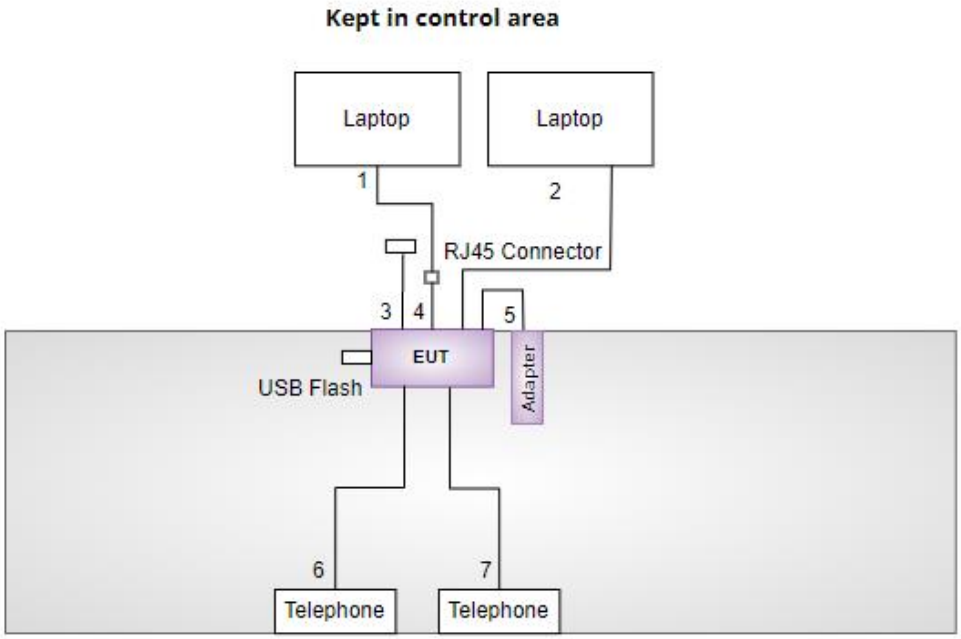
802.11a / n HT20 / ac VHT20 / ax HE20 / be EHT20		802.11n HT40 / ac VHT40 / ax HE40 / be EHT40	
Channel	**Frequency(MHz)**	**Channel**	**Frequency(MHz)**
36	5180	38	5190
40	5200	46	5230
44	5220	54	5270
48	5240	62	5310
52	5260	102	5510
56	5280	110	5550
60	5300	118	5590
64	5320	126	5630
100	5500	134	5670
104	5520	151	5755
108	5540	159	5795
112	5560	**802.11ac VHT80 / ax HE80 / be EHT80**	
116	5580	42	5210
120	5600	58	5290
124	5620	106	5530
128	5640	122	5610
132	5660	155	5775
136	5680	**802.11ac VHT160 / ax HE160 / be EHT160**	
140	5700	50	5250
149	5745	114	5570
153	5765	---	---
157	5785	---	---
161	5805	---	---
165	5825	---	---

1.2 Local Support Equipment List

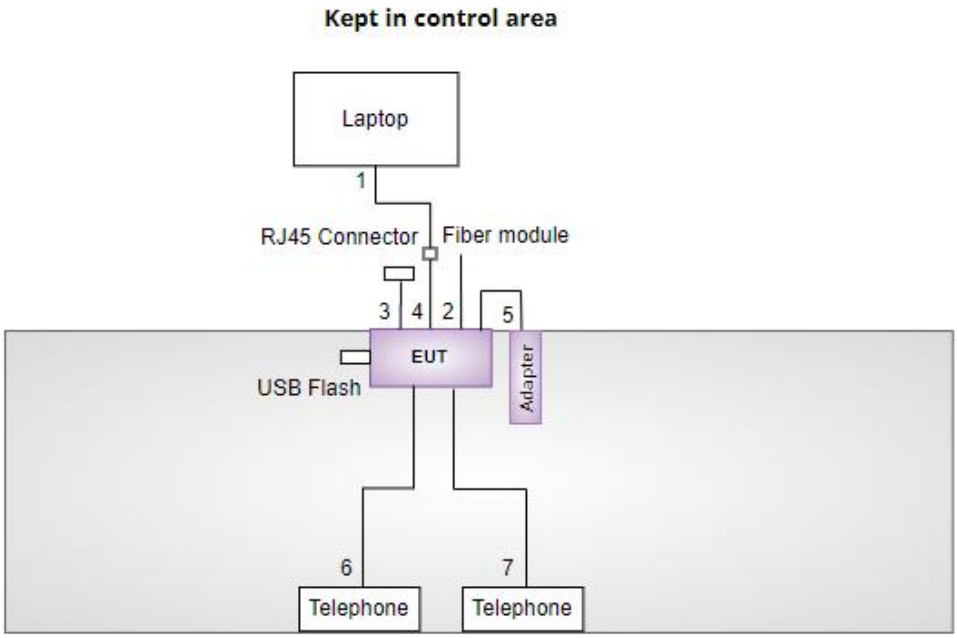
Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
Non-beamforming mode - RJ45 WAN					
1	Laptop	DELL	Latitude 5400	DoC	---
2	Laptop	DELL	Latitude 5400	DoC	---
3	USB Flash	Transcend(USB 3.0)	JetFlash 700	---	---
4	RJ45 Connector	ICC	---	---	---
5	RJ45 Load	ICC	---	---	---
6	Laptop	DELL	Latitude 3440	DoC	Beamforming mode
7	WiFi 7 10G Router	Adtran	SDG-8733v	---	Beamforming mode (Provided by applicant)
8	Telephone	ISITO	IS-333	---	---
9	Telephone	ISITO	IS-333	---	---
Non-beamforming mode - SFP WAN					
1	Laptop	DELL	Latitude 5400	DoC	---
2	USB Flash	Transcend(USB 3.0)	JetFlash 700	---	---
3	RJ45 Connector	ICC	---	---	---
4	RJ45 Load	ICC	---	---	---
5	Fiber module	MikroTik	S+RJ10	---	Provided by applicant
6	Laptop	DELL	Latitude 3440	DoC	Beamforming mode
7	WiFi 7 10G Router	Adtran	SDG-8733	---	Beamforming mode (Provided by applicant)
8	Telephone	ISITO	IS-333	---	---
9	Telephone	ISITO	IS-333	---	---

1.3 Test Setup Chart

Non-beamforming mode

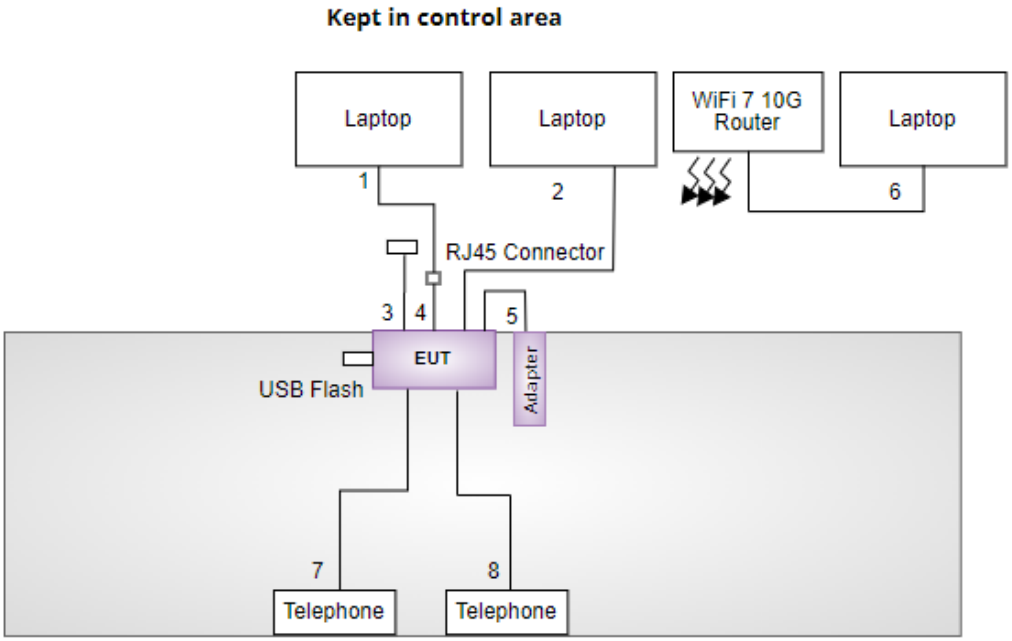
Test Setup Diagram (RJ45 WAN)


No.	Signal cable / Length (m)
1-2	RJ45, 10m non-shielded.
3	RJ45, 1.3m(x3) non-shielded with load.
4	RJ45, 2m non-shielded.
5	USB, 1.8m non-shielded without core
6-7	RJ11, 1.8m non-shielded.

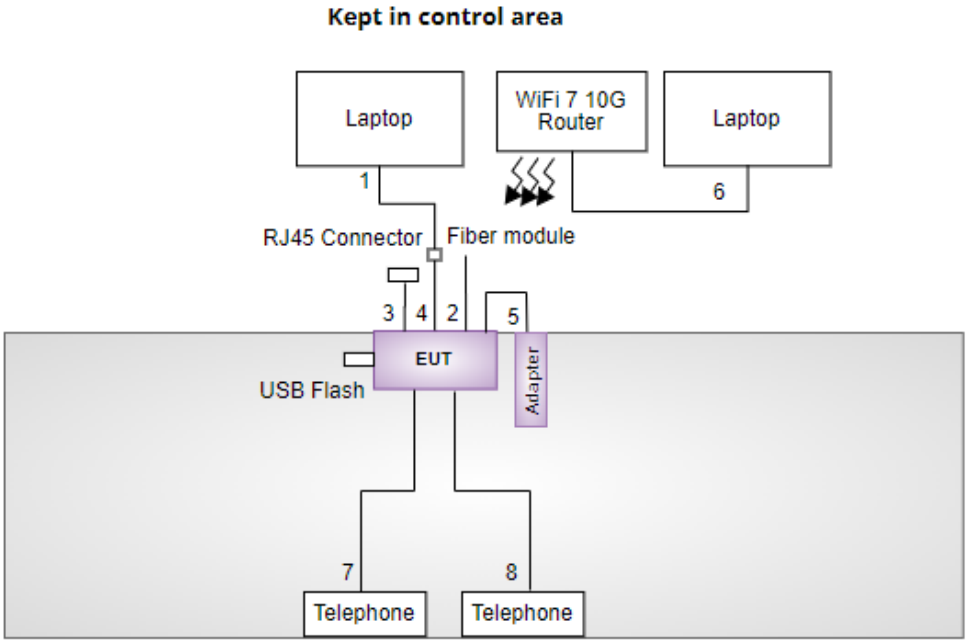
Test Setup Diagram (SFP WAN)


No.	Signal cable / Length (m)
1	RJ45, 10m non-shielded.
2	RJ45, 2m non-shielded.
3	RJ45, 1.3m(x3) non-shielded with load.
4	RJ45, 2m non-shielded.
5	USB, 1.8m non-shielded without core
6-7	RJ11, 1.8m non-shielded.

Beamforming mode

Test Setup Diagram (RJ45 WAN)


No.	Signal cable / Length (m)
1-2	RJ45, 10m non-shielded.
3	RJ45, 1.3m(x3) non-shielded with load.
4	RJ45, 2m non-shielded.
5	USB, 1.8m non-shielded without core
6	RJ45, 1.3m non-shielded.
7-8	RJ11, 1.8m non-shielded.

Test Setup Diagram (SFP WAN)


No.	Signal cable / Length (m)
1	RJ45, 10m non-shielded.
2	RJ45, 2m non-shielded.
3	RJ45, 1.3m(x3) non-shielded with load.
4	RJ45, 2m non-shielded.
5	USB, 1.8m non-shielded without core
6	RJ45, 1.3m non-shielded.
7-8	RJ11, 1.8m non-shielded.

1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Jun. 03 ~ Jun. 11, 2024				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101657	Mar. 05, 2024	Mar. 04, 2025
Spectrum Analyzer	R&S	FSV40	101498	Nov. 23, 2023	Nov. 22, 2024
Loop Antenna	R&S	HFH2-Z2	100330	Oct. 31, 2023	Oct. 30, 2024
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jul. 31, 2023	Jul. 30, 2024
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Nov. 27, 2023	Nov. 26, 2024
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Oct. 30, 2023	Oct. 29, 2024
Preamplifier	EMC	EMC02325	980225	Jun. 28, 2023	Jun. 27, 2024
Preamplifier	EMC	EMC118A45SE	980898	Jul. 14, 2023	Jul. 13, 2024
Preamplifier	EMC	EMC184045SE	980903	Jul. 17, 2023	Jul. 16, 2024
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 03, 2023	Oct. 02, 2024
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 03, 2023	Oct. 02, 2024
LF cable 11M	EMC	EMCCFD400-NW-NW-11000	200801	Oct. 03, 2023	Oct. 02, 2024
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 03, 2023	Oct. 02, 2024
RF Cable	EMC	EMC104-35M-35M-8000	210920	Oct. 03, 2023	Oct. 02, 2024
RF Cable	EMC	EMC104-35M-35M-3000	210922	Oct. 03, 2023	Oct. 02, 2024
Attenuator	Pasternack	PE7005-10	10-1	Oct. 05, 2023	Oct. 04, 2024
HIGHPASS FILTER 7.5-18G	STI	STI15-9722	STI-HP7.5G-A	Oct. 05, 2023	Oct. 04, 2024
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Jun. 11, 2024				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101658	Feb. 23, 2024	Feb. 22, 2025
LISN	R&S	ENV216	101579	May 09, 2024	May 08, 2025
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 11, 2023	Oct. 10, 2024
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127667	Jan. 10, 2024	Jan. 09, 2025
50 ohm terminal (Support Unit)	NA	50	01	Jun. 14, 2023	Jun. 13, 2024
Measurement Software	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.407
ANSI C63.10-2013

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	$\pm 1 \times 10^{-9}$
Power density	±0.583 dB
Conducted emission	±2.715 dB
AC conducted emission	±2.92 dB
Unwanted Emission ≤ 1GHz	±3.41 dB
Unwanted Emission > 1GHz	±4.59 dB
Time	±0.1%
Temperature	±0.4 °C

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, 03CH01-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.)

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Non-beamforming mode

Frequency band 5150~5350 MHz / 5470~5725 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
AC Power Line Conducted Emissions	be EHT40	5230	MCS 0	1, 2
Unwanted Emissions ≤1GHz	be EHT40	5230	MCS 0	1, 2
Unwanted Emissions >1GHz	11a	5180 / 5200	6 Mbps	1
	be EHT20	5180 / 5200	MCS 0	
	be EHT40	5190 / 5230	MCS 0	
	be EHT80	5210 / 5290	MCS 0	
	be EHT160	5250 / 5570	MCS 0	
Frequency band 5725-5850 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
AC Power Line Conducted Emissions	11a	5745	6 Mbps	1, 2
Unwanted Emissions ≤1GHz	11a	5745	6 Mbps	1, 2
Unwanted Emissions >1GHz	be EHT40	5755 / 5795	MCS 0	1
	be EHT80	5775	MCS 0	

NOTE:

1. Two adapters (LUCENT TRANS & PHIHONG) had been covered during the pretest and found that PHIHONG adapter was the worst case for radiated emission test and LUCENT TRANS adapter was the worst case for conducted emission test.
2. 4 configurations were assessed and found Model: SDG-8733v is worst of configurations with 10G RJ45 Wan port and Model: SDG-8734v is worst of configurations with 10G SFP Wan port.
3. The EUT had been tested by following test configurations.
   1) Configuration 1: Model: SDG-8733v
   2) Configuration 2: Model: SDG-8734v

Beamforming mode

Frequency band 5150~5350 MHz / 5470~5725 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
AC Power Line Conducted Emissions	be EHT20	5240	MCS 0	1, 2
Unwanted Emissions ≤1GHz	be EHT20	5240	MCS 0	1, 2
Unwanted Emissions >1GHz	be EHT20	5180 / 5200	MCS 0	1
	be EHT40	5190 / 5230 / 5310 / 5510 / 5670	MCS 0	
	be EHT80	5210 / 5290 / 5530	MCS 0	
	be EHT160	5250 / 5570	MCS 0	
Frequency band 5725-5850 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
AC Power Line Conducted Emissions	be EHT20	5745	MCS 0	1, 2
Unwanted Emissions ≤1GHz	be EHT20	5745	MCS 0	1, 2
Unwanted Emissions >1GHz	be EHT40	5755 / 5795	MCS 0	1
	be EHT80	5775	MCS 0	

NOTE:

1. Two adapters (LUCENT TRANS & PHIHONG) had been covered during the pretest and found that PHIHONG adapter was the worst case for radiated emission test and LUCENT TRANS adapter was the worst case for conducted emission test.
2. 4 configurations were assessed and found Model: SDG-8733v is worst of configurations with 10G RJ45 Wan port and Model: SDG-8734v is worst of configurations with 10G SFP Wan port.
3. The EUT had been tested by following test configurations.
   1) Configuration 1: Model: SDG-8733v
   2) Configuration 2: Model: SDG-8734v

3 Transmitter Test Results

3.1 Unwanted Emissions

3.1.1 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]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 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).	

3.1.2 Test Procedures

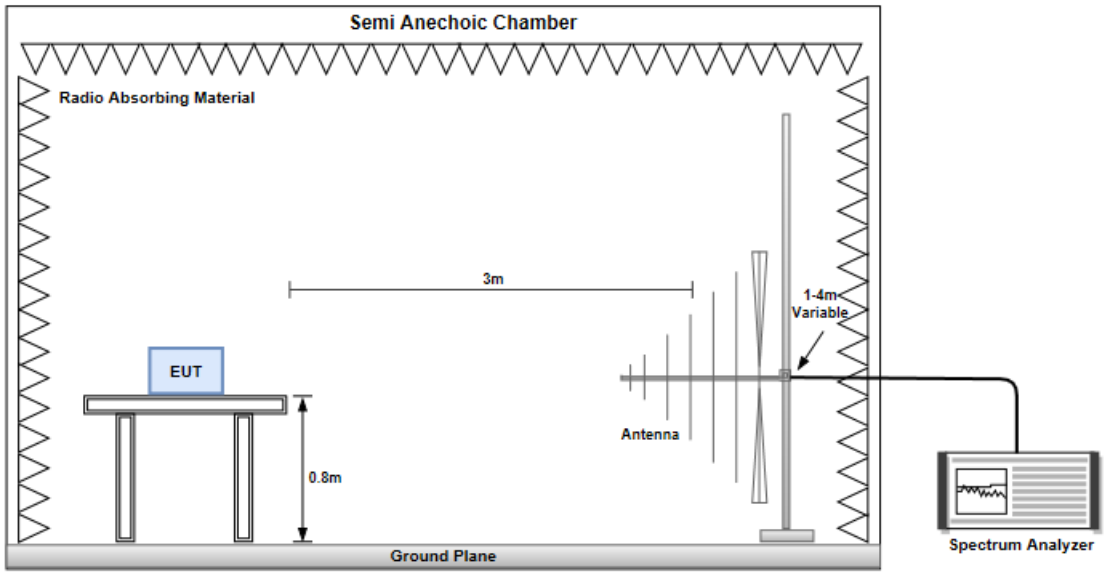
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission 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:

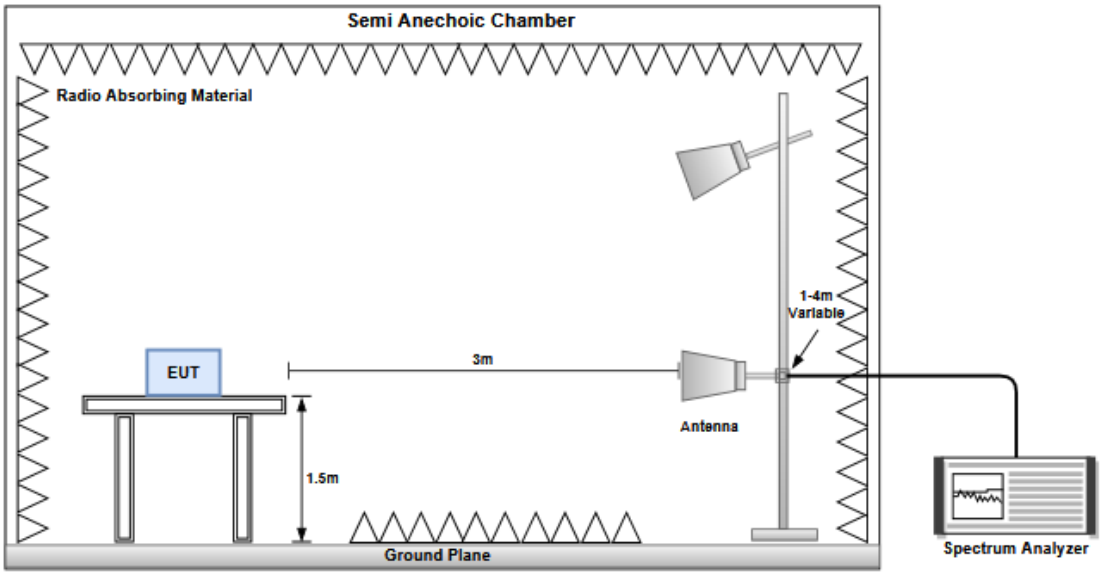
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.1.3 Test Setup

Unwanted Emissions below 1 GHz



Unwanted Emissions above 1 GHz



3.1.4 Test Results

Refer to Appendix A.

3.2 AC Power Line Conducted Emissions

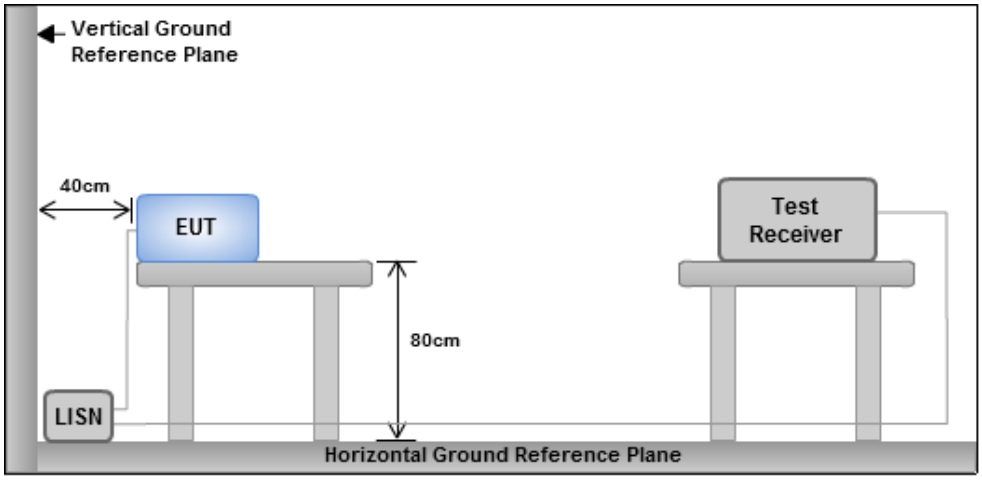
3.2.1 Limit of AC Power Line Conducted Emissions

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.		

3.2.2 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

3.2.3 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

3.2.4 Test Results

Refer to Appendix B.

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 http://www.icertifi.com.tw.

Linkou

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan (R.O.C.)

Kwei Shan

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

No.2-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

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

Tel: 886-3-271-8666
Fax: 886-3-318-0345
Email: ICC_Service@icertifi.com.tw

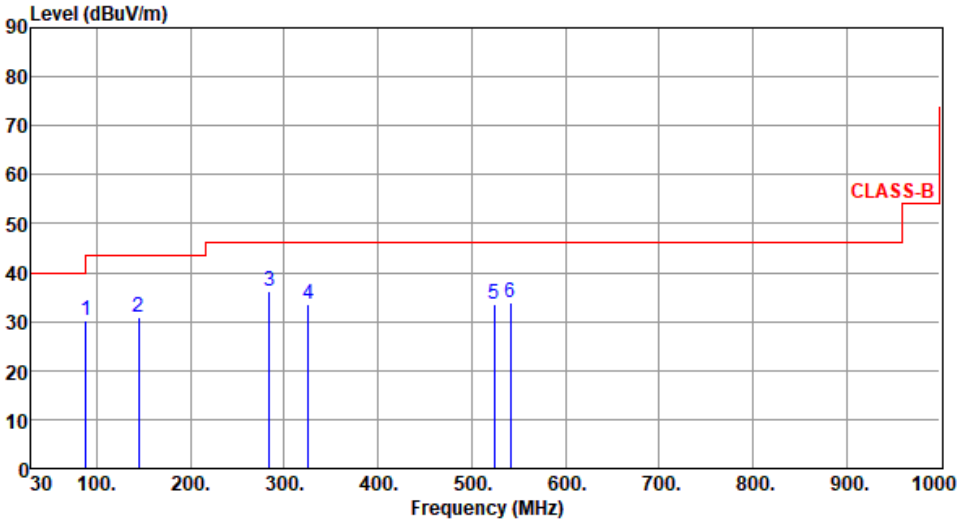
==END==

Non-beamforming mode

Configuration 1: Model: SDG-8733v
Unwanted Emissions (Below 1GHz)

Modulation	be EHT40	**Test Freq. (MHz)**	5230
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):22 Humidity(%):64

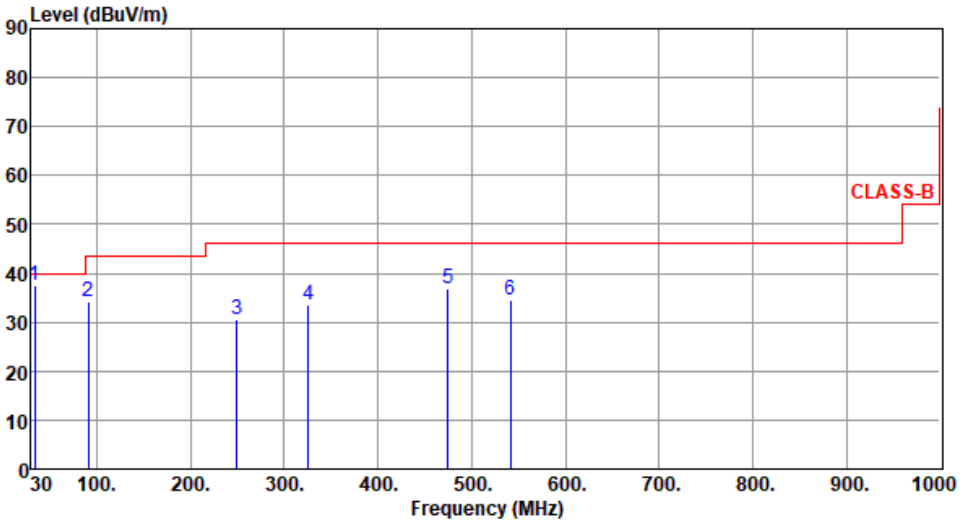


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	88.62	30.25	43.50	-13.25	44.77	-14.52	Peak	---	---
2	144.92	30.78	43.50	-12.72	39.76	-8.98	Peak	---	---
3	284.49	36.25	46.00	-9.75	44.60	-8.35	Peak	---	---
4	325.45	33.49	46.00	-12.51	40.77	-7.28	Peak	---	---
5	524.41	33.52	46.00	-12.48	36.13	-2.61	Peak	---	---
6	541.65	33.82	46.00	-12.18	36.25	-2.43	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.

Modulation	be EHT40	**Test Freq. (MHz)**	5230
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):22 Humidity(%):64

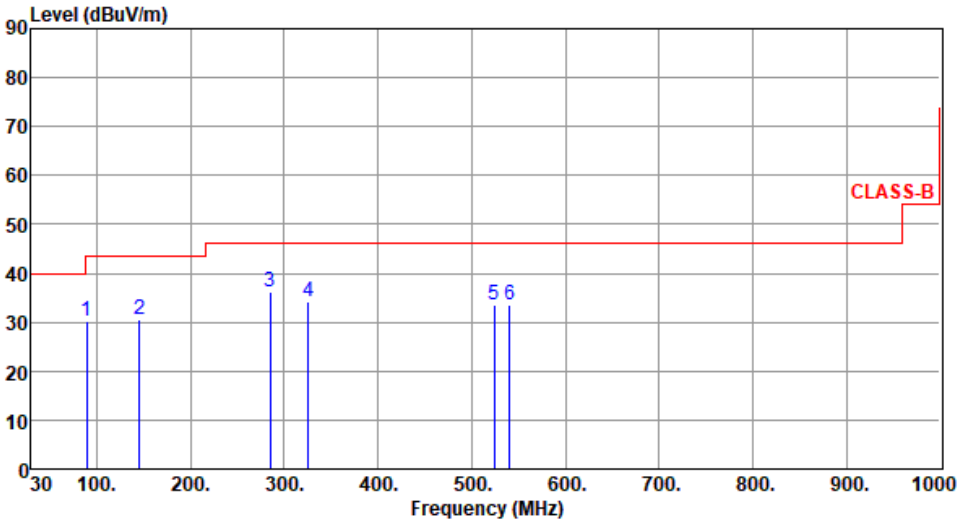


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	33.42	37.45	40.00	-2.55	47.19	-9.74	QP	100	258
2	90.78	34.12	43.50	-9.38	48.54	-14.42	Peak	---	---
3	249.68	30.56	46.00	-15.44	40.52	-9.96	Peak	---	---
4	325.65	33.54	46.00	-12.46	40.82	-7.28	Peak	---	---
5	474.85	36.91	46.00	-9.09	40.49	-3.58	Peak	---	---
6	541.35	34.64	46.00	-11.36	37.07	-2.43	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.

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

Test By :Allen Lee Temperature(℃):22 Humidity(%):64

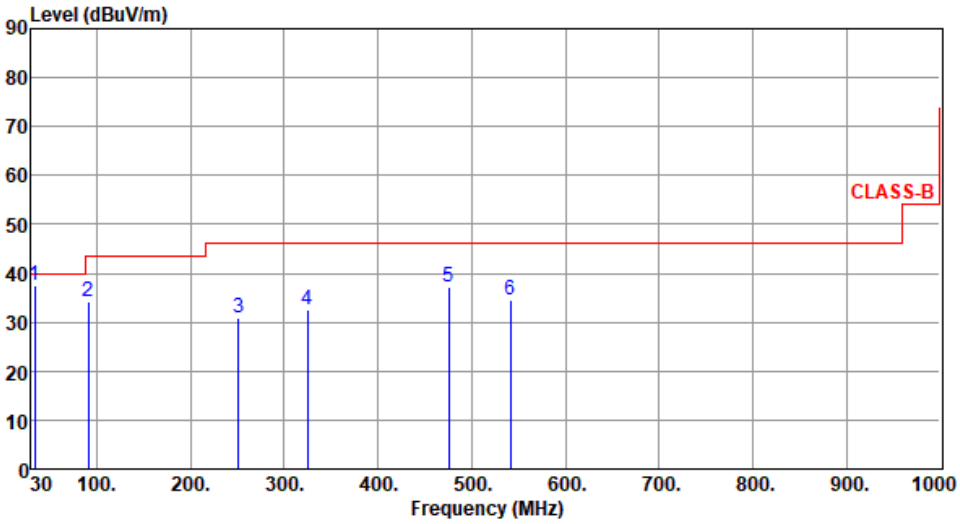


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	89.45	30.31	43.50	-13.19	44.79	-14.48	Peak	---	---
2	145.22	30.45	43.50	-13.05	39.41	-8.96	Peak	---	---
3	285.36	36.24	46.00	-9.76	44.55	-8.31	Peak	---	---
4	325.42	34.21	46.00	-11.79	41.49	-7.28	Peak	---	---
5	523.86	33.52	46.00	-12.48	36.13	-2.61	Peak	---	---
6	540.65	33.64	46.00	-12.36	36.09	-2.45	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.

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

Test By :Allen Lee Temperature(℃):22 Humidity(%):64



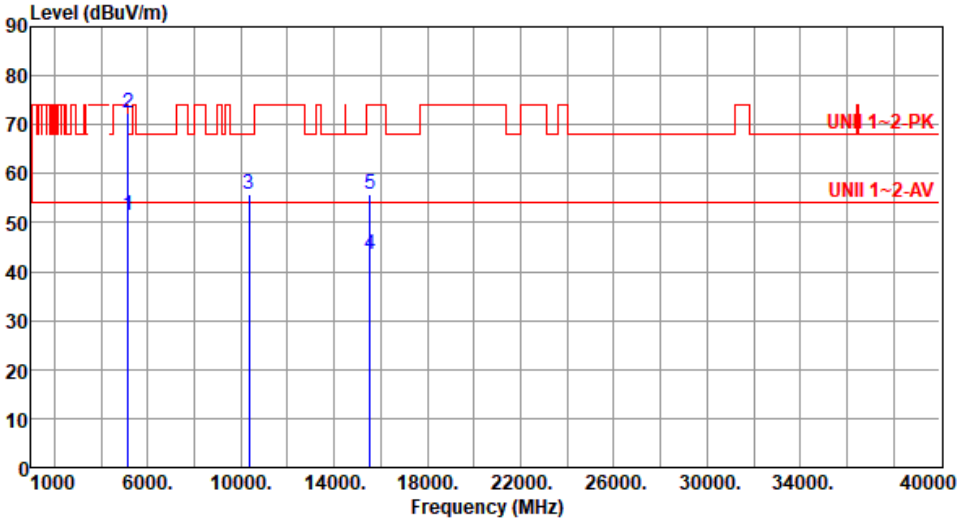
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	33.65	37.64	40.00	-2.36	47.30	-9.66	QP	100	253
2	90.61	34.08	43.50	-9.42	48.50	-14.42	Peak	---	---
3	251.16	30.78	46.00	-15.22	40.71	-9.93	Peak	---	---
4	324.55	32.69	46.00	-13.31	40.00	-7.31	Peak	---	---
5	475.44	37.11	46.00	-8.89	40.68	-3.57	Peak	---	---
6	541.24	34.57	46.00	-11.43	37.01	-2.44	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 :Sean Yu Temperature(℃):24 Humidity(%):64

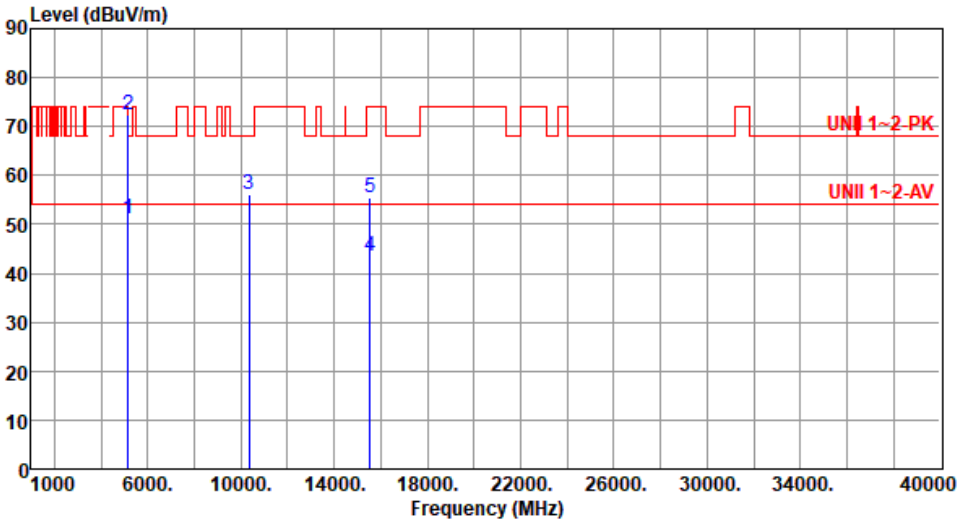


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.52	54.00	-2.48	51.19	0.33	Average	160	130
2	5150.00	72.55	74.00	-1.45	72.22	0.33	Peak	160	130
3	10360.00	55.72	68.20	-12.48	48.36	7.36	Peak	100	204
4	15540.00	43.53	54.00	-10.47	39.57	3.96	Average	100	147
5	15540.00	55.82	74.00	-18.18	51.86	3.96	Peak	100	147

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 :Sean Yu Temperature(℃):24 Humidity(%):64

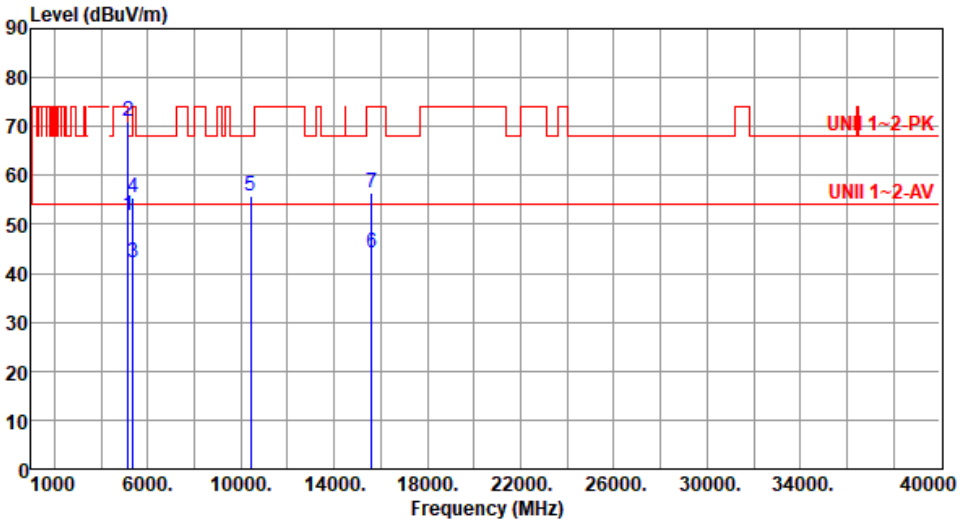


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.12	54.00	-2.88	50.79	0.33	Average	100	192
2	5150.00	72.26	74.00	-1.74	71.93	0.33	Peak	100	192
3	10360.00	56.02	68.20	-12.18	48.66	7.36	Peak	100	206
4	15540.00	43.63	54.00	-10.37	39.67	3.96	Average	100	174
5	15540.00	55.62	74.00	-18.38	51.66	3.96	Peak	100	174

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 :Sean Yu Temperature(℃):24 Humidity(%):64

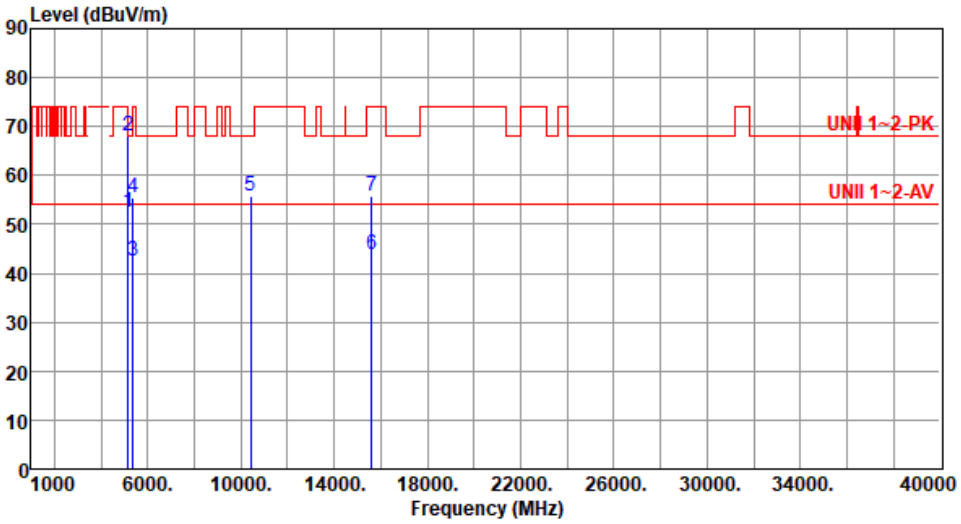


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.70	54.00	-2.30	51.37	0.33	Average	238	130
2	5150.00	71.22	74.00	-2.78	70.89	0.33	Peak	238	130
3	5350.00	42.33	54.00	-11.67	42.58	-0.25	Average	267	130
4	5350.00	55.42	74.00	-18.58	55.67	-0.25	Peak	267	130
5	10400.00	55.90	68.20	-12.30	48.56	7.34	Peak	100	217
6	15600.00	44.27	54.00	-9.73	40.27	4.00	Average	131	166
7	15600.00	56.50	74.00	-17.50	52.50	4.00	Peak	131	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	11a	**Test Freq. (MHz)**	5200
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64



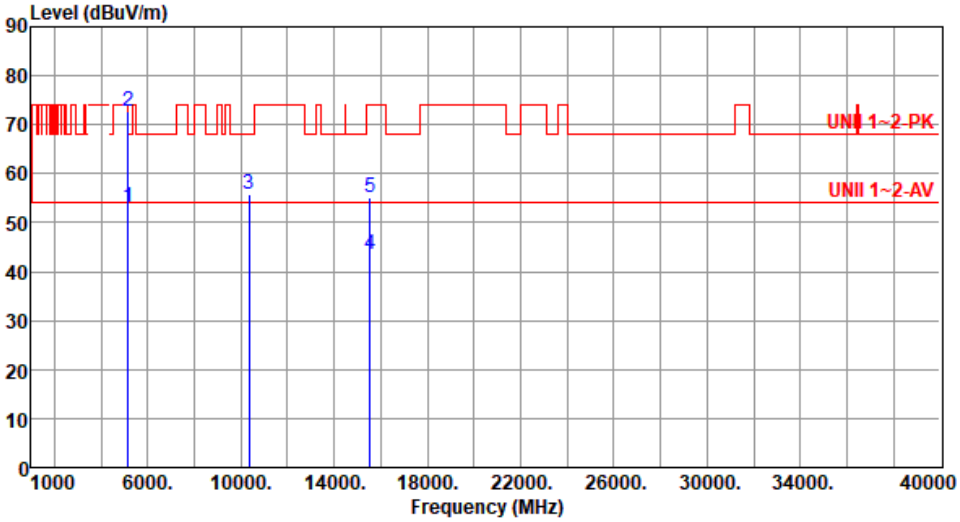
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.61	54.00	-1.39	52.28	0.33	Average	100	221
2	5150.00	67.95	74.00	-6.05	67.62	0.33	Peak	100	221
3	5350.00	42.36	54.00	-11.64	42.61	-0.25	Average	267	226
4	5350.00	55.49	74.00	-18.51	55.74	-0.25	Peak	267	226
5	10400.00	55.77	68.20	-12.43	48.43	7.34	Peak	100	208
6	15600.00	43.76	54.00	-10.24	39.76	4.00	Average	100	248
7	15600.00	55.76	74.00	-18.24	51.76	4.00	Peak	100	248

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 be EHT20

Modulation	be EHT20	**Test Freq. (MHz)**	5180
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

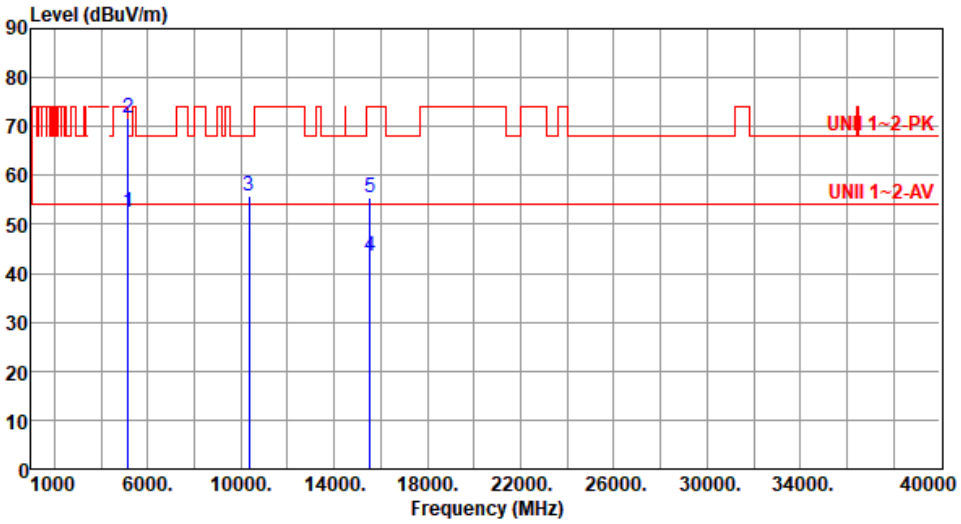


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.12	54.00	-0.88	52.79	0.33	Average	233	122
2	5150.00	72.69	74.00	-1.31	72.36	0.33	Peak	233	122
3	10360.00	55.90	68.20	-12.30	48.54	7.36	Peak	100	158
4	15540.00	43.52	54.00	-10.48	39.56	3.96	Average	100	178
5	15540.00	55.19	74.00	-18.81	51.23	3.96	Peak	100	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).

Modulation	be EHT20	**Test Freq. (MHz)**	5180
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

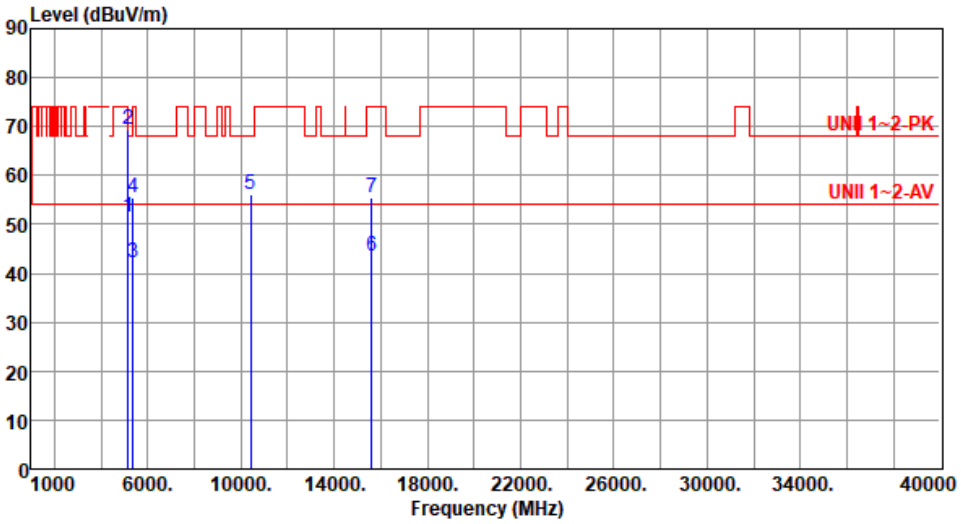


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.58	54.00	-1.42	52.25	0.33	Average	117	195
2	5150.00	71.77	74.00	-2.23	71.44	0.33	Peak	117	195
3	10360.00	55.82	68.20	-12.38	48.46	7.36	Peak	100	208
4	15540.00	43.42	54.00	-10.58	39.46	3.96	Average	100	147
5	15540.00	55.34	74.00	-18.66	51.38	3.96	Peak	100	147

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	be EHT20	**Test Freq. (MHz)**	5200
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

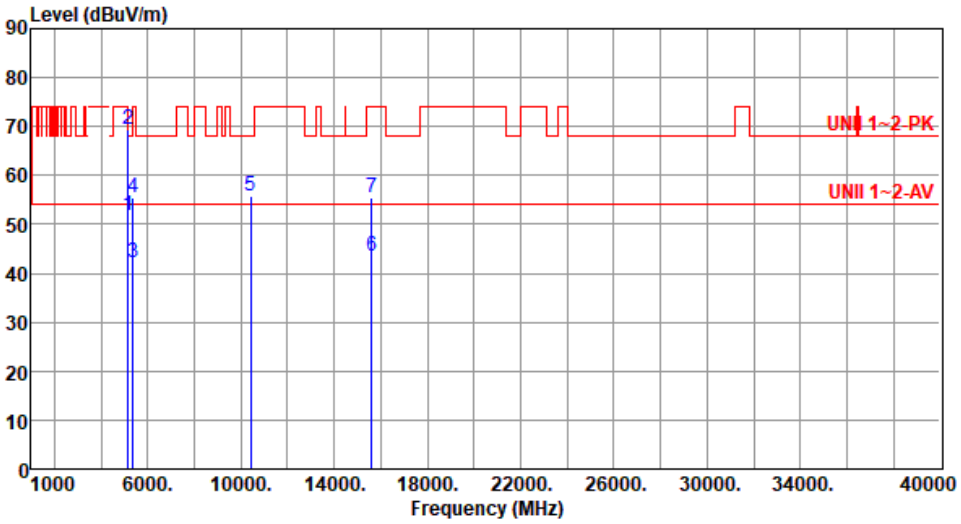


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.51	54.00	-2.49	51.18	0.33	Average	241	129
2	5150.00	69.45	74.00	-4.55	69.12	0.33	Peak	241	129
3	5350.00	42.31	54.00	-11.69	42.56	-0.25	Average	254	29
4	5350.00	55.42	74.00	-18.58	55.67	-0.25	Peak	254	29
5	10400.00	56.00	68.20	-12.20	48.66	7.34	Peak	100	184
6	15600.00	43.52	54.00	-10.48	39.52	4.00	Average	100	207
7	15600.00	55.62	74.00	-18.38	51.62	4.00	Peak	100	207

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	be EHT20	**Test Freq. (MHz)**	5200
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64



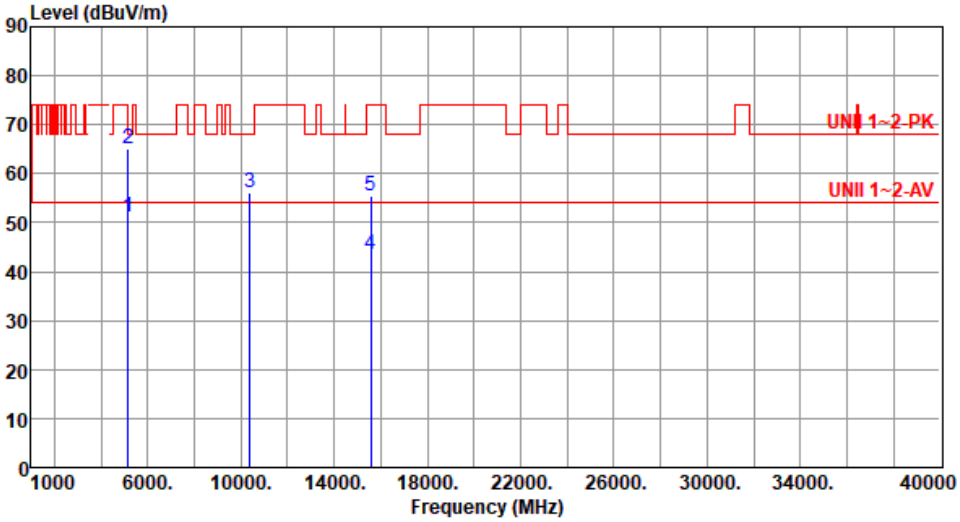
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.65	54.00	-2.35	51.32	0.33	Average	137	194
2	5150.00	69.36	74.00	-4.64	69.03	0.33	Peak	137	194
3	5350.00	42.31	54.00	-11.69	42.56	-0.25	Average	251	212
4	5350.00	55.31	74.00	-18.69	55.56	-0.25	Peak	251	212
5	10400.00	55.93	68.20	-12.27	48.59	7.34	Peak	100	214
6	15600.00	43.56	54.00	-10.44	39.56	4.00	Average	100	264
7	15600.00	55.58	74.00	-18.42	51.58	4.00	Peak	100	264

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 be EHT40

Modulation	be EHT40	**Test Freq. (MHz)**	5190
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

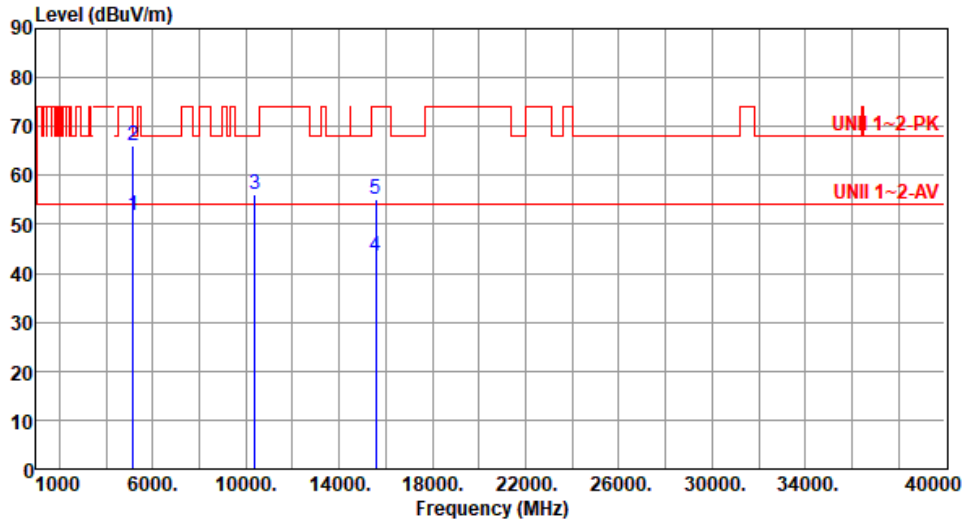


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.09	54.00	-2.91	50.76	0.33	Average	254	124
2	5150.00	65.25	74.00	-8.75	64.92	0.33	Peak	254	124
3	10380.00	55.99	68.20	-12.21	48.64	7.35	Peak	100	158
4	15570.00	43.42	54.00	-10.58	39.47	3.95	Average	100	246
5	15570.00	55.33	74.00	-18.67	51.38	3.95	Peak	100	246

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	be EHT40	**Test Freq. (MHz)**	5190
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

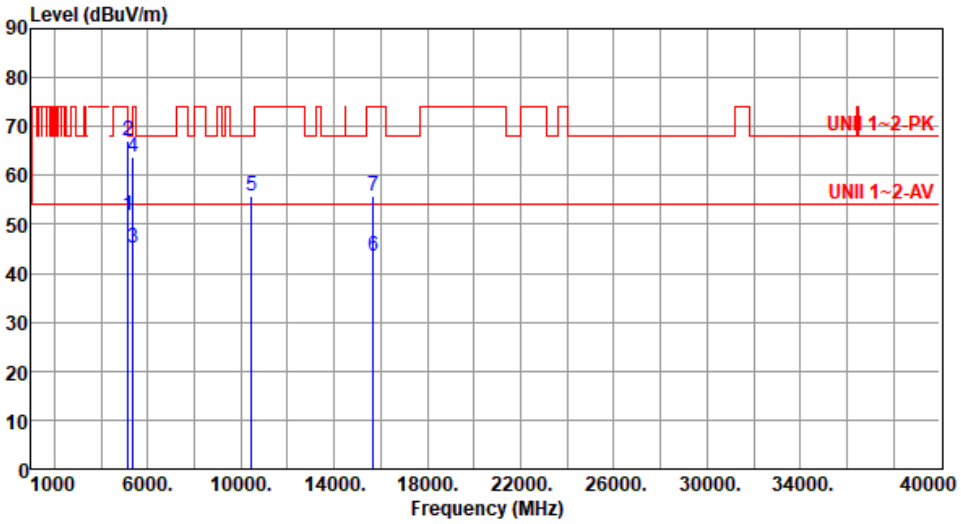


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.67	54.00	-2.33	51.34	0.33	Average	100	198
2	5150.00	66.11	74.00	-7.89	65.78	0.33	Peak	100	198
3	10380.00	56.01	68.20	-12.19	48.66	7.35	Peak	100	228
4	15570.00	43.57	54.00	-10.43	39.62	3.95	Average	100	284
5	15570.00	55.29	74.00	-18.71	51.34	3.95	Peak	100	284

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	be EHT40	**Test Freq. (MHz)**	5230
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

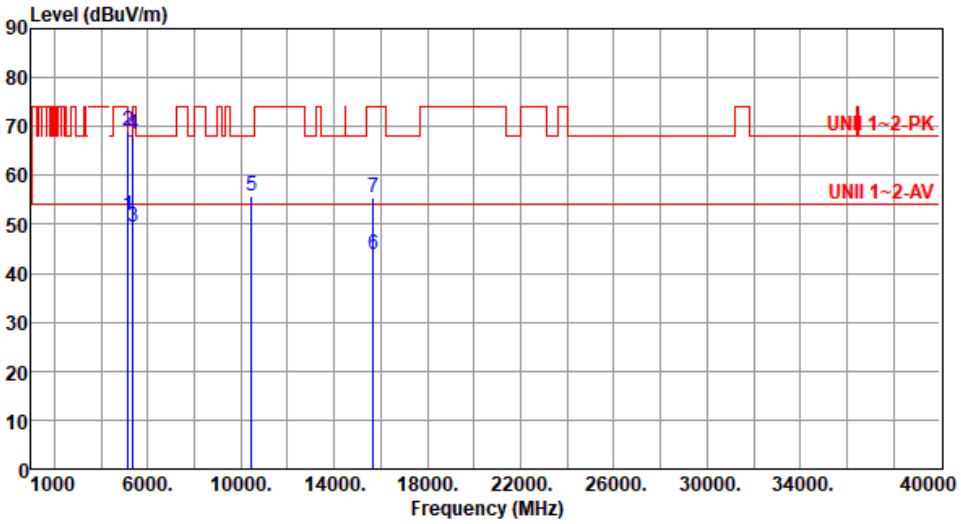


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.81	54.00	-2.19	51.48	0.33	Average	277	124
2	5150.00	67.12	74.00	-6.88	66.79	0.33	Peak	277	124
3	5350.00	45.27	54.00	-8.73	45.52	-0.25	Average	277	124
4	5350.00	63.78	74.00	-10.22	64.03	-0.25	Peak	277	124
5	10460.00	55.91	68.20	-12.29	48.62	7.29	Peak	100	188
6	15690.00	43.65	54.00	-10.35	39.48	4.17	Average	100	203
7	15690.00	55.79	74.00	-18.21	51.62	4.17	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	be EHT40	**Test Freq. (MHz)**	5230
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

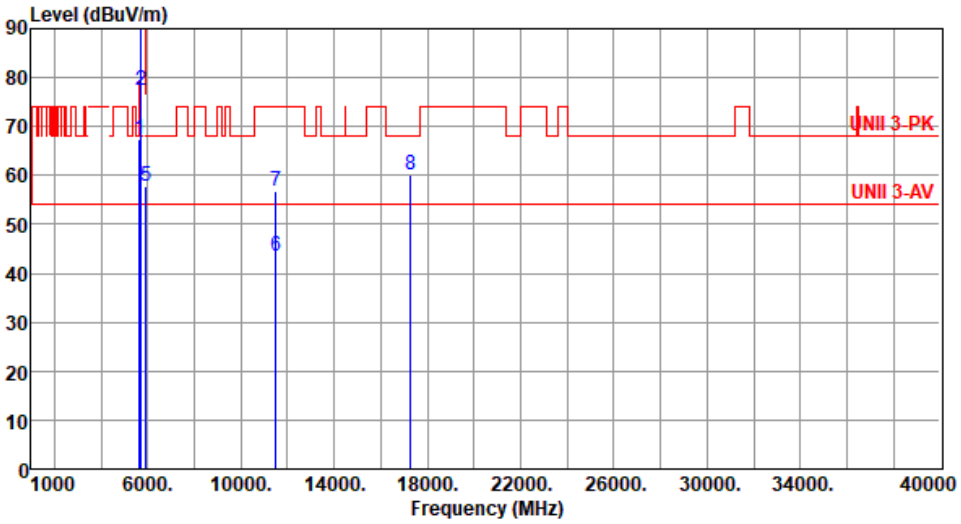


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.88	54.00	-2.12	51.55	0.33	Average	100	239
2	5150.00	69.16	74.00	-4.84	68.83	0.33	Peak	100	239
3	5350.00	49.35	54.00	-4.65	49.60	-0.25	Average	100	239
4	5350.00	68.25	74.00	-5.75	68.50	-0.25	Peak	100	239
5	10460.00	55.95	68.20	-12.25	48.66	7.29	Peak	100	208
6	15690.00	43.69	54.00	-10.31	39.52	4.17	Average	100	126
7	15690.00	55.60	74.00	-18.40	51.43	4.17	Peak	100	126

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	be EHT40	**Test Freq. (MHz)**	5755
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

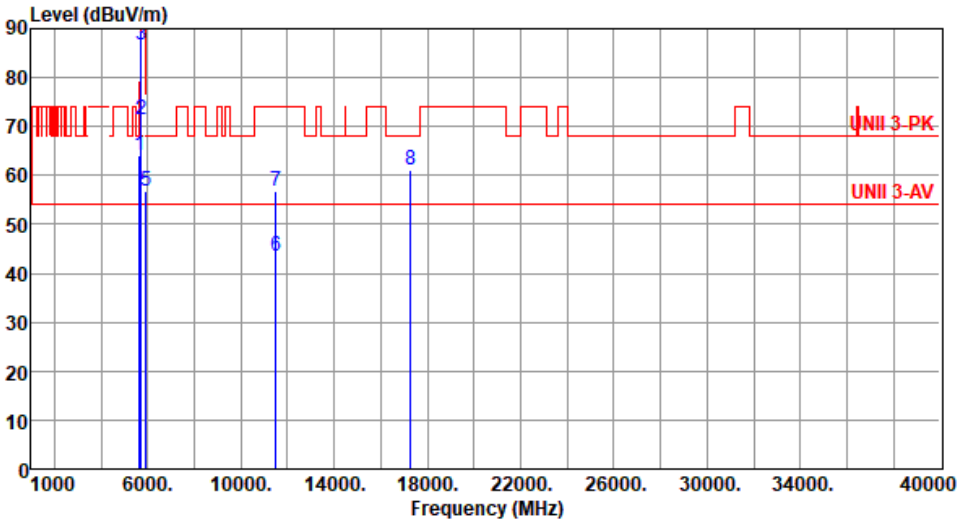


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	67.46	68.20	-0.74	67.25	0.21	Peak	305	149
2	5700.00	77.50	105.20	-27.70	76.97	0.53	Peak	305	149
3	5720.00	89.82	110.80	-20.98	89.25	0.57	Peak	305	149
4	5725.00	90.81	122.20	-31.39	90.23	0.58	Peak	305	149
5	5925.00	57.82	68.20	-10.38	56.69	1.13	Peak	305	149
6	11510.00	43.58	54.00	-10.42	36.23	7.35	Average	100	247
7	11510.00	56.88	74.00	-17.12	49.53	7.35	Peak	100	247
8	17265.00	60.08	68.20	-8.12	53.33	6.75	Peak	100	208

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	be EHT40	**Test Freq. (MHz)**	5755
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

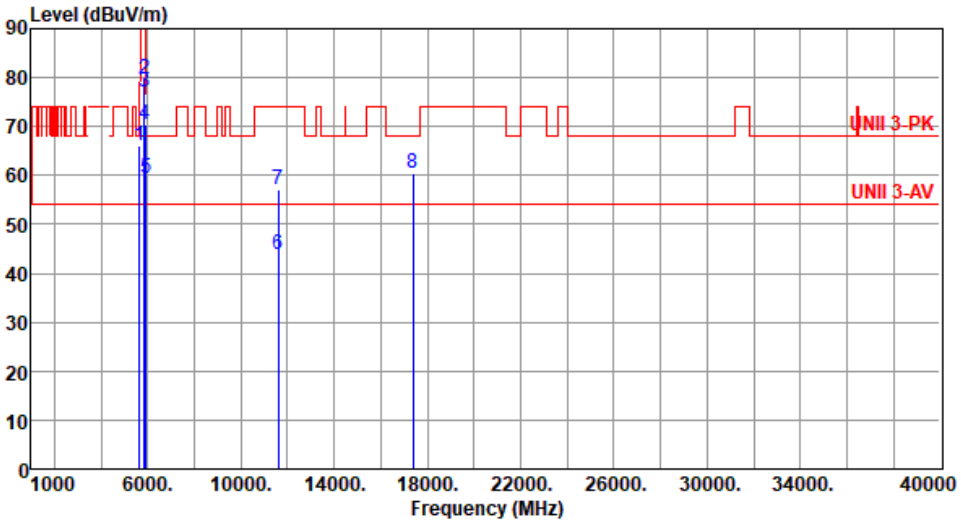


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	64.10	68.20	-4.10	63.89	0.21	Peak	278	248
2	5700.00	71.44	105.20	-33.76	70.91	0.53	Peak	278	248
3	5720.00	86.73	110.80	-24.07	86.16	0.57	Peak	278	248
4	5725.00	89.19	122.20	-33.01	88.61	0.58	Peak	278	248
5	5925.00	56.76	68.20	-11.44	55.63	1.13	Peak	278	248
6	11510.00	43.56	54.00	-10.44	36.21	7.35	Average	100	275
7	11510.00	56.66	74.00	-17.34	49.31	7.35	Peak	100	275
8	17265.00	60.98	68.20	-7.22	54.23	6.75	Peak	100	214

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	be EHT40	**Test Freq. (MHz)**	5795
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

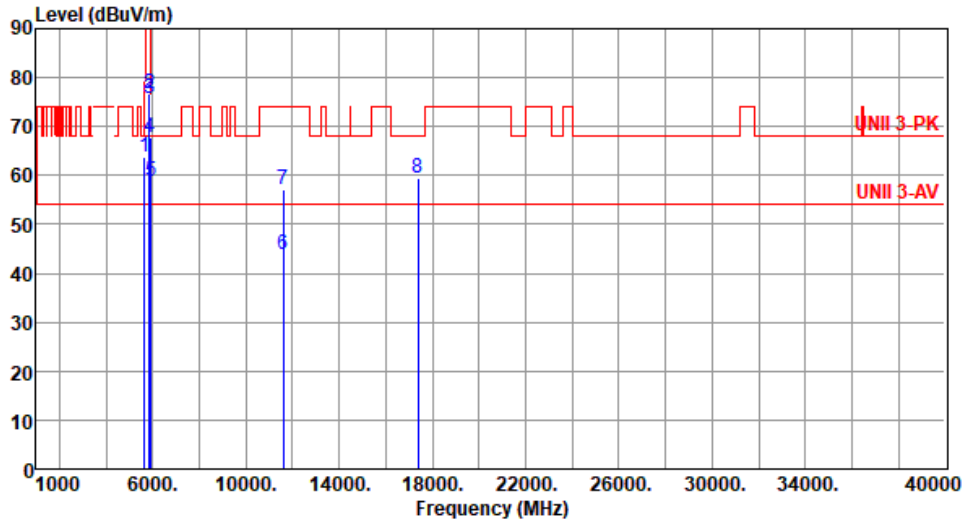


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	65.95	68.20	-2.25	65.74	0.21	Peak	322	152
2	5850.00	79.70	122.20	-42.50	78.74	0.96	Peak	322	152
3	5855.00	77.13	110.80	-33.67	76.15	0.98	Peak	322	152
4	5875.00	70.32	105.20	-34.88	69.30	1.02	Peak	322	152
5	5925.00	59.40	68.20	-8.80	58.27	1.13	Peak	322	152
6	11590.00	43.68	54.00	-10.32	36.58	7.10	Average	100	247
7	11590.00	56.96	74.00	-17.04	49.86	7.10	Peak	100	247
8	17385.00	60.49	68.20	-7.71	53.47	7.02	Peak	100	214

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	be EHT40	**Test Freq. (MHz)**	5795
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64



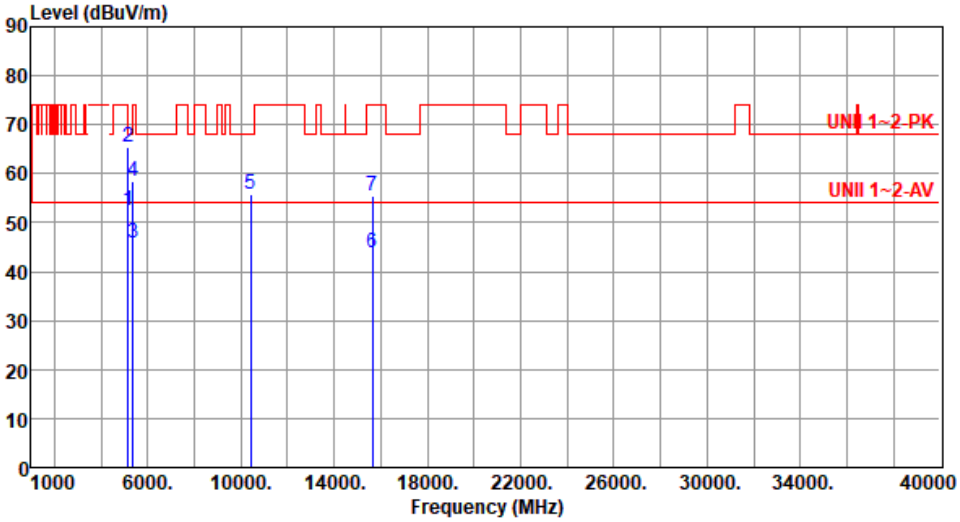
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	63.64	68.20	-4.56	63.43	0.21	Peak	100	8
2	5850.00	76.76	122.20	-45.44	75.80	0.96	Peak	100	8
3	5855.00	75.79	110.80	-35.01	74.81	0.98	Peak	100	8
4	5875.00	67.91	105.20	-37.29	66.89	1.02	Peak	100	8
5	5925.00	58.62	68.20	-9.58	57.49	1.13	Peak	100	8
6	11590.00	43.77	54.00	-10.23	36.67	7.10	Average	100	158
7	11590.00	56.96	74.00	-17.04	49.86	7.10	Peak	100	158
8	17385.00	59.49	68.20	-8.71	52.47	7.02	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).

Unwanted Emissions (Above 1GHz) for be EHT80

Modulation	be EHT80	**Test Freq. (MHz)**	5210
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

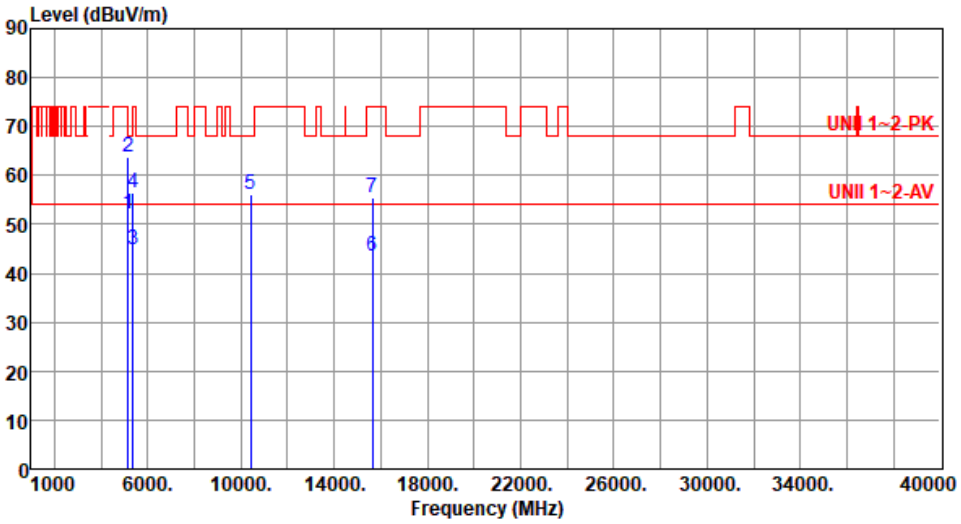


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.63	54.00	-1.37	52.30	0.33	Average	249	26
2	5150.00	65.30	74.00	-8.70	64.97	0.33	Peak	249	26
3	5350.00	45.87	54.00	-8.13	46.12	-0.25	Average	249	26
4	5350.00	58.50	74.00	-15.50	58.75	-0.25	Peak	249	26
5	10420.00	55.67	68.20	-12.53	48.34	7.33	Peak	100	156
6	15630.00	43.68	54.00	-10.32	39.76	3.92	Average	100	224
7	15630.00	55.58	74.00	-18.42	51.66	3.92	Peak	100	224

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	be EHT80	**Test Freq. (MHz)**	5210
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

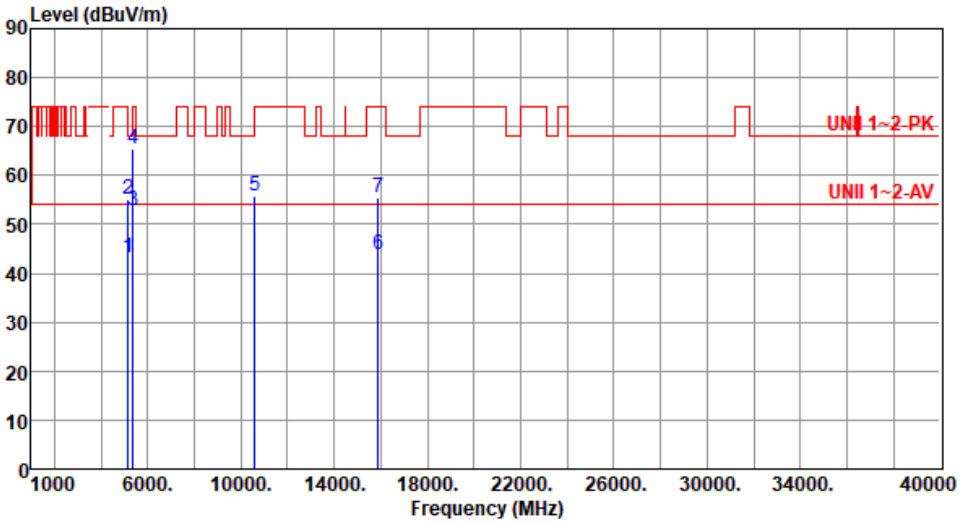


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.98	54.00	-2.02	51.65	0.33	Average	261	211
2	5150.00	63.76	74.00	-10.24	63.43	0.33	Peak	261	211
3	5350.00	44.75	54.00	-9.25	45.00	-0.25	Average	261	211
4	5350.00	56.52	74.00	-17.48	56.77	-0.25	Peak	261	211
5	10420.00	55.99	68.20	-12.21	48.66	7.33	Peak	100	108
6	15630.00	43.48	54.00	-10.52	39.56	3.92	Average	100	247
7	15630.00	55.39	74.00	-18.61	51.47	3.92	Peak	100	247

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	be EHT80	**Test Freq. (MHz)**	5290
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

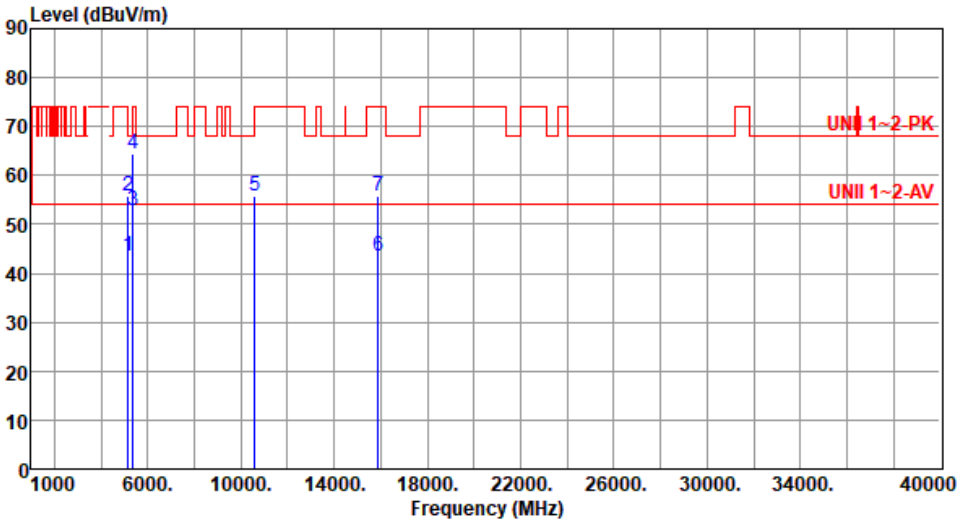


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	43.09	54.00	-10.91	42.76	0.33	Average	122	128
2	5150.00	55.01	74.00	-18.99	54.68	0.33	Peak	122	128
3	5350.00	52.95	54.00	-1.05	53.20	-0.25	Average	122	128
4	5350.00	65.53	74.00	-8.47	65.78	-0.25	Peak	122	128
5	10580.00	55.88	68.20	-12.32	48.53	7.35	Peak	100	224
6	15870.00	43.69	54.00	-10.31	39.64	4.05	Average	100	227
7	15870.00	55.48	74.00	-18.52	51.43	4.05	Peak	100	227

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	be EHT80	**Test Freq. (MHz)**	5290
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

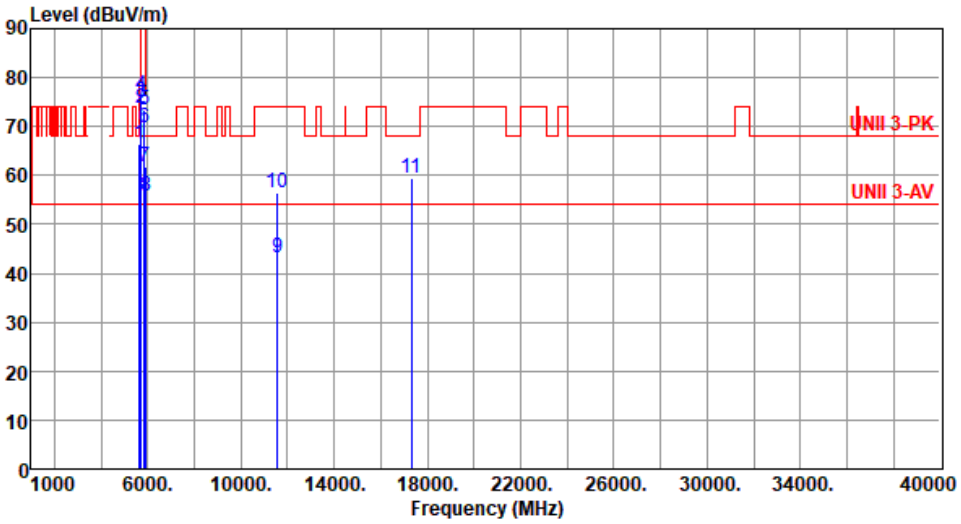


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	43.44	54.00	-10.56	43.11	0.33	Average	229	234
2	5150.00	55.76	74.00	-18.24	55.43	0.33	Peak	229	234
3	5350.00	52.75	54.00	-1.25	53.00	-0.25	Average	229	234
4	5350.00	64.41	74.00	-9.59	64.66	-0.25	Peak	229	234
5	10580.00	55.94	68.20	-12.26	48.59	7.35	Peak	100	258
6	15870.00	43.51	54.00	-10.49	39.46	4.05	Average	100	248
7	15870.00	55.71	74.00	-18.29	51.66	4.05	Peak	100	248

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	be EHT80	**Test Freq. (MHz)**	5775
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

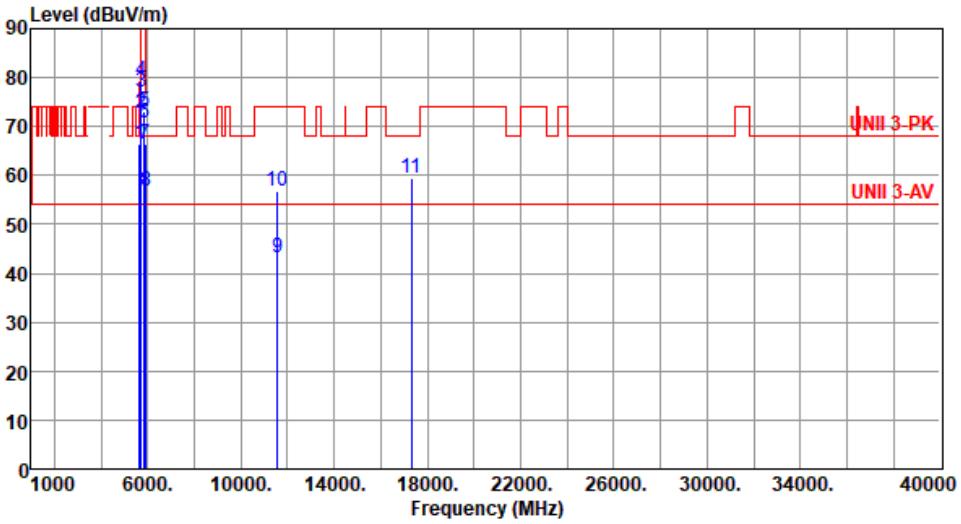


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	66.46	68.20	-1.74	66.25	0.21	Peak	100	129
2	5700.00	73.61	105.20	-31.59	73.08	0.53	Peak	100	129
3	5720.00	75.13	110.80	-35.67	74.56	0.57	Peak	100	129
4	5725.00	76.24	122.20	-45.96	75.66	0.58	Peak	100	129
5	5850.00	73.41	122.20	-48.79	72.45	0.96	Peak	100	129
6	5855.00	69.65	110.80	-41.15	68.67	0.98	Peak	100	129
7	5875.00	61.90	105.20	-43.30	60.88	1.02	Peak	100	129
8	5925.00	55.91	68.20	-12.29	54.78	1.13	Peak	100	129
9	11550.00	43.20	54.00	-10.80	35.86	7.34	Average	100	214
10	11550.00	56.57	74.00	-17.43	49.23	7.34	Peak	100	214
11	17325.00	59.35	68.20	-8.85	52.57	6.78	Peak	100	116

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	be EHT80	**Test Freq. (MHz)**	5775
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64



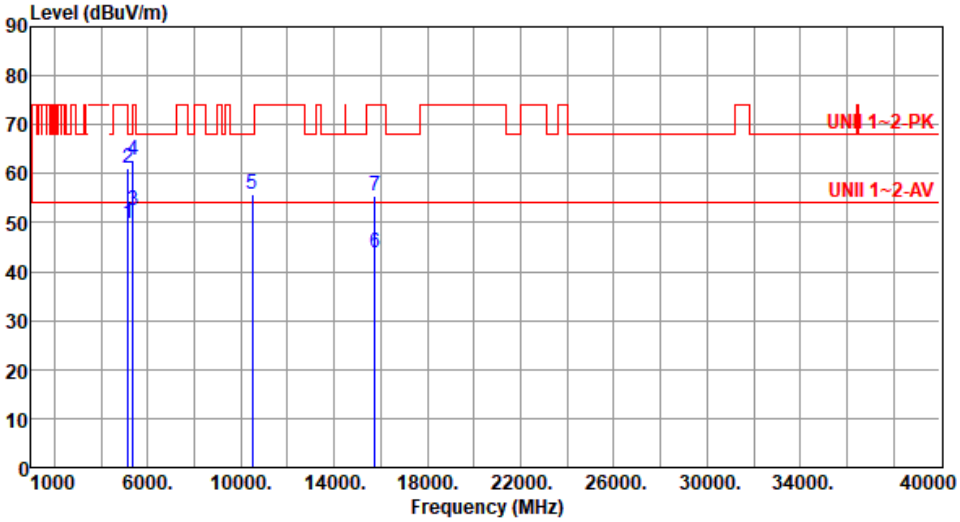
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	66.30	68.20	-1.90	66.09	0.21	Peak	255	242
2	5700.00	72.84	105.20	-32.36	72.31	0.53	Peak	255	242
3	5720.00	77.05	110.80	-33.75	76.48	0.57	Peak	255	242
4	5725.00	79.24	122.20	-42.96	78.66	0.58	Peak	255	242
5	5850.00	73.15	122.20	-49.05	72.19	0.96	Peak	255	242
6	5855.00	70.82	110.80	-39.98	69.84	0.98	Peak	255	242
7	5875.00	66.41	105.20	-38.79	65.39	1.02	Peak	255	242
8	5925.00	56.66	68.20	-11.54	55.53	1.13	Peak	255	242
9	11550.00	43.10	54.00	-10.90	35.76	7.34	Average	100	178
10	11550.00	56.68	74.00	-17.32	49.34	7.34	Peak	100	178
11	17325.00	59.54	68.20	-8.66	52.76	6.78	Peak	100	224

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 be EHT160

Modulation	be EHT160	**Test Freq. (MHz)**	5250
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

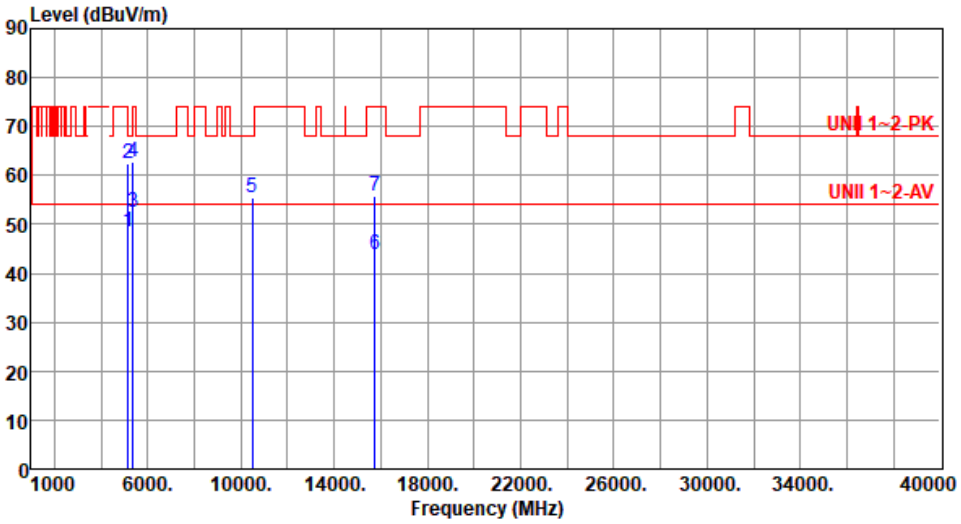


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	49.98	54.00	-4.02	49.65	0.33	Average	122	127
2	5150.00	61.17	74.00	-12.83	60.84	0.33	Peak	122	127
3	5350.00	52.50	54.00	-1.50	52.75	-0.25	Average	122	127
4	5350.00	62.65	74.00	-11.35	62.90	-0.25	Peak	122	127
5	10500.00	55.72	68.20	-12.48	48.53	7.19	Peak	100	214
6	15750.00	43.72	54.00	-10.28	39.51	4.21	Average	100	147
7	15750.00	55.54	74.00	-18.46	51.33	4.21	Peak	100	147

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	be EHT160	**Test Freq. (MHz)**	5250
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

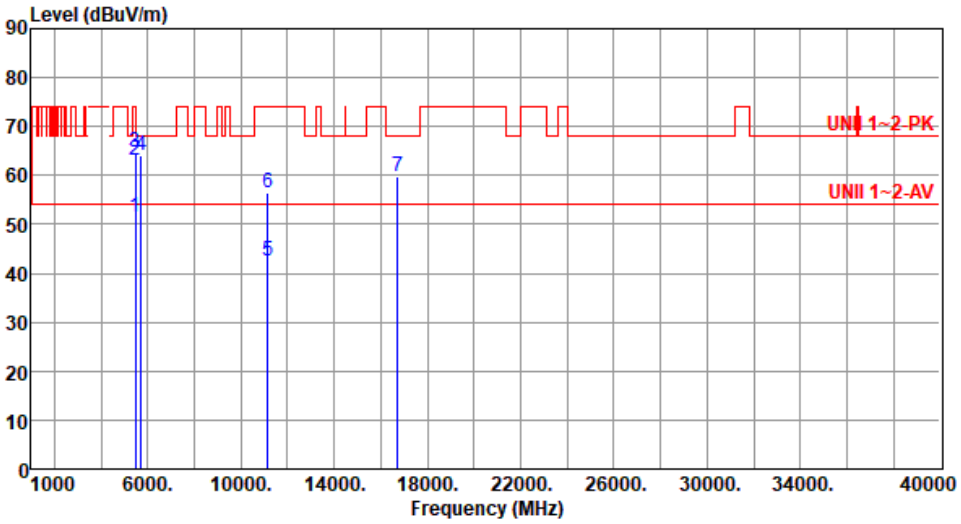


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	48.62	54.00	-5.38	48.29	0.33	Average	100	233
2	5150.00	62.49	74.00	-11.51	62.16	0.33	Peak	100	233
3	5350.00	52.51	54.00	-1.49	52.76	-0.25	Average	100	233
4	5350.00	62.91	74.00	-11.09	63.16	-0.25	Peak	100	233
5	10500.00	55.53	68.20	-12.67	48.34	7.19	Peak	100	218
6	15750.00	43.67	54.00	-10.33	39.46	4.21	Average	100	227
7	15750.00	55.88	74.00	-18.12	51.67	4.21	Peak	100	227

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	be EHT160	**Test Freq. (MHz)**	5570
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):64

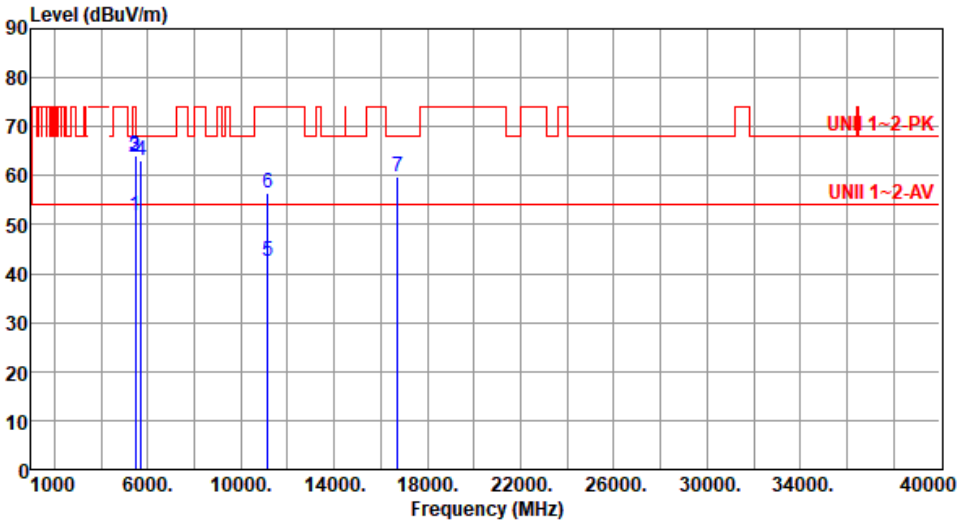


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	51.47	54.00	-2.53	51.08	0.39	Average	309	133
2	5460.00	62.96	74.00	-11.04	62.57	0.39	Peak	309	133
3	5470.00	64.85	68.20	-3.35	64.47	0.38	Peak	309	133
4	5725.00	64.01	68.20	-4.19	63.43	0.58	Peak	309	133
5	11140.00	42.62	54.00	-11.38	35.57	7.05	Average	100	264
6	11140.00	56.58	74.00	-17.42	49.53	7.05	Peak	100	264
7	16710.00	59.94	68.20	-8.26	52.53	7.41	Peak	100	156

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	be EHT160	**Test Freq. (MHz)**	5570
Polarization	Vertical		

Test By :Sean Yu 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	5460.00	51.85	54.00	-2.15	51.46	0.39	Average	100	219
2	5460.00	63.89	74.00	-10.11	63.50	0.39	Peak	100	219
3	5470.00	64.24	68.20	-3.96	63.86	0.38	Peak	100	219
4	5725.00	63.24	68.20	-4.96	62.66	0.58	Peak	100	219
5	11140.00	42.64	54.00	-11.36	35.59	7.05	Average	100	261
6	11140.00	56.51	74.00	-17.49	49.46	7.05	Peak	100	261
7	16710.00	59.84	68.20	-8.36	52.43	7.41	Peak	100	115

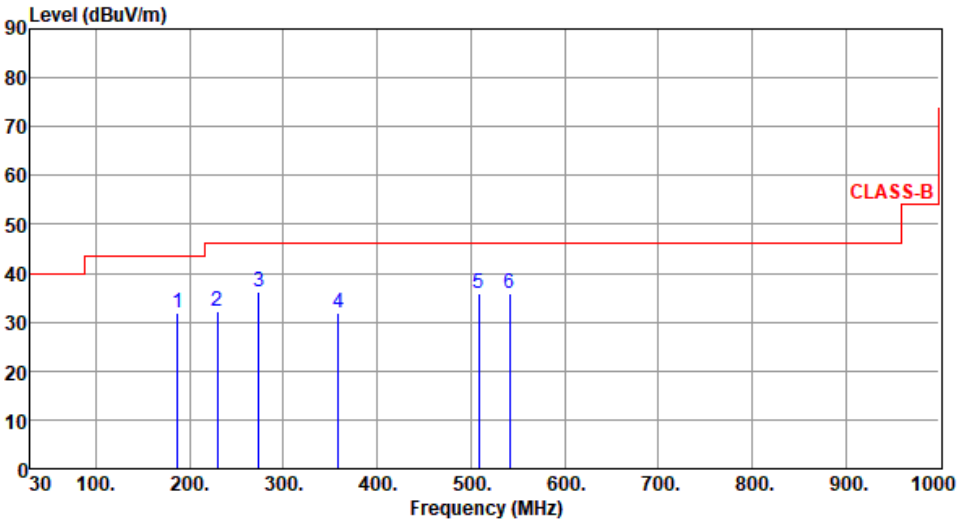
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Below 1GHz)

Configuration 2: Model: SDG-8734v

Modulation	be EHT40	**Test Freq. (MHz)**	5230
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):22 Humidity(%):64

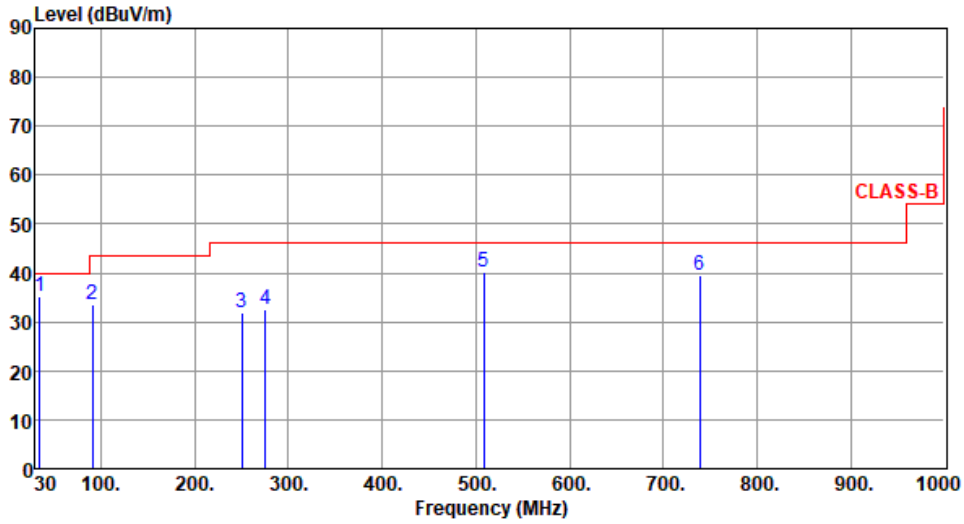


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	186.86	31.87	43.50	-11.63	42.81	-10.94	Peak	---	---
2	229.63	32.15	46.00	-13.85	43.70	-11.55	Peak	---	---
3	273.59	36.12	46.00	-9.88	44.97	-8.85	Peak	---	---
4	358.22	31.76	46.00	-14.24	38.50	-6.74	Peak	---	---
5	508.69	36.02	46.00	-9.98	38.80	-2.78	Peak	---	---
6	541.75	35.86	46.00	-10.14	38.29	-2.43	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.

Modulation	be EHT40	**Test Freq. (MHz)**	5230
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):22 Humidity(%):64

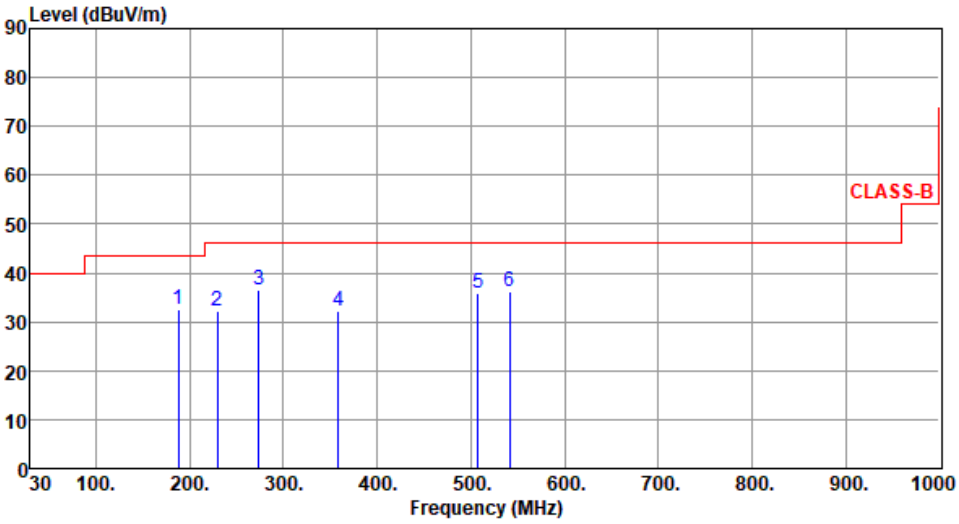


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	34.26	35.24	40.00	-4.76	44.77	-9.53	QP	100	148
2	90.69	33.47	43.50	-10.03	47.89	-14.42	Peak	---	---
3	250.41	31.75	46.00	-14.25	41.69	-9.94	Peak	---	---
4	275.28	32.54	46.00	-13.46	41.28	-8.74	Peak	---	---
5	508.66	40.23	46.00	-5.77	43.01	-2.78	Peak	---	---
6	738.75	39.52	46.00	-6.48	37.67	1.85	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.

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

Test By :Allen Lee Temperature(℃):22 Humidity(%):64

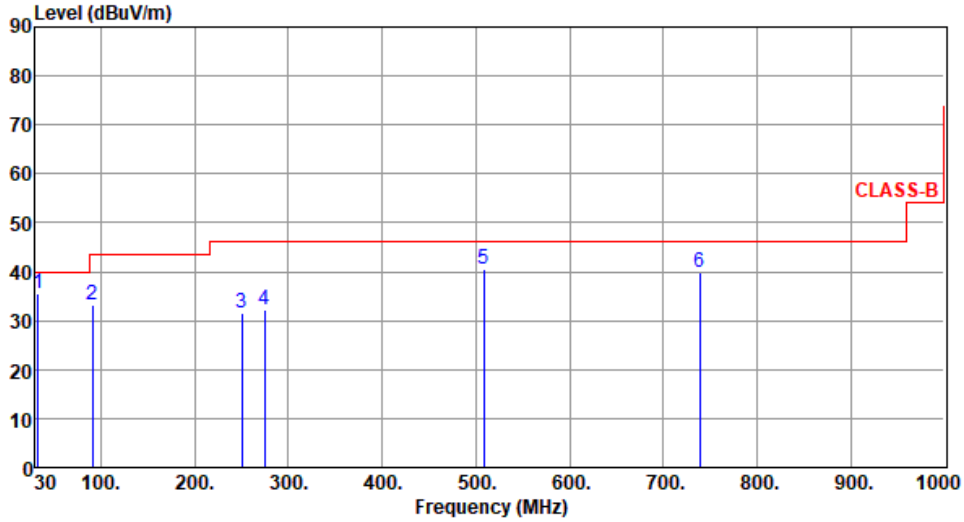


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	188.36	32.65	43.50	-10.85	43.75	-11.10	Peak	---	---
2	229.96	32.18	46.00	-13.82	43.69	-11.51	Peak	---	---
3	273.61	36.44	46.00	-9.56	45.29	-8.85	Peak	---	---
4	358.34	32.25	46.00	-13.75	38.98	-6.73	Peak	---	---
5	507.65	35.84	46.00	-10.16	38.64	-2.80	Peak	---	---
6	541.31	36.19	46.00	-9.81	38.62	-2.43	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.

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

Test By :Allen Lee Temperature(℃):22 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	33.04	35.68	40.00	-4.32	45.54	-9.86	QP	100	158
2	90.86	33.34	43.50	-10.16	47.77	-14.43	Peak	---	---
3	250.28	31.67	46.00	-14.33	41.61	-9.94	Peak	---	---
4	274.84	32.35	46.00	-13.65	41.12	-8.77	Peak	---	---
5	508.24	40.53	46.00	-5.47	43.32	-2.79	Peak	---	---
6	739.15	39.86	46.00	-6.14	38.01	1.85	Peak	---	---

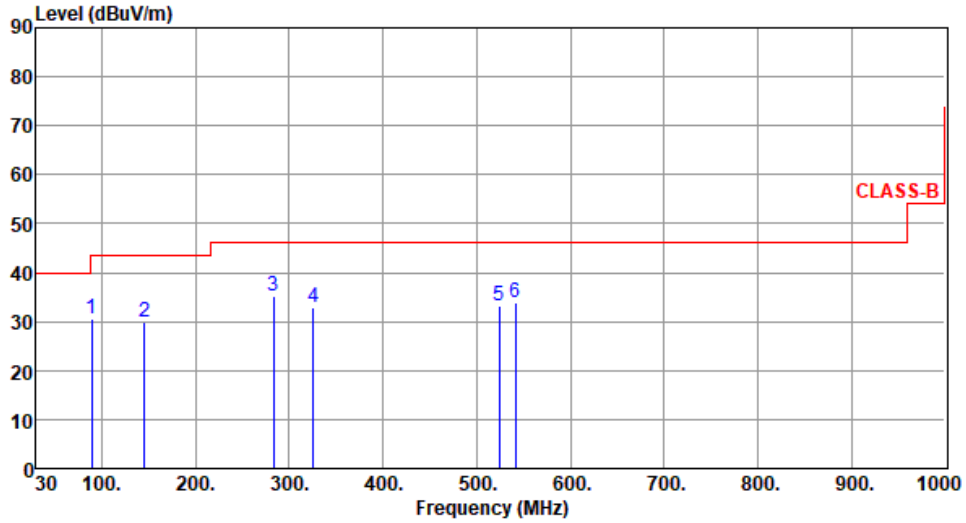
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Beamforming mode

Configuration 1: Model: SDG-8733v
Unwanted Emissions (Below 1GHz)

Modulation	be EHT20	**Test Freq. (MHz)**	5240
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):22 Humidity(%):64

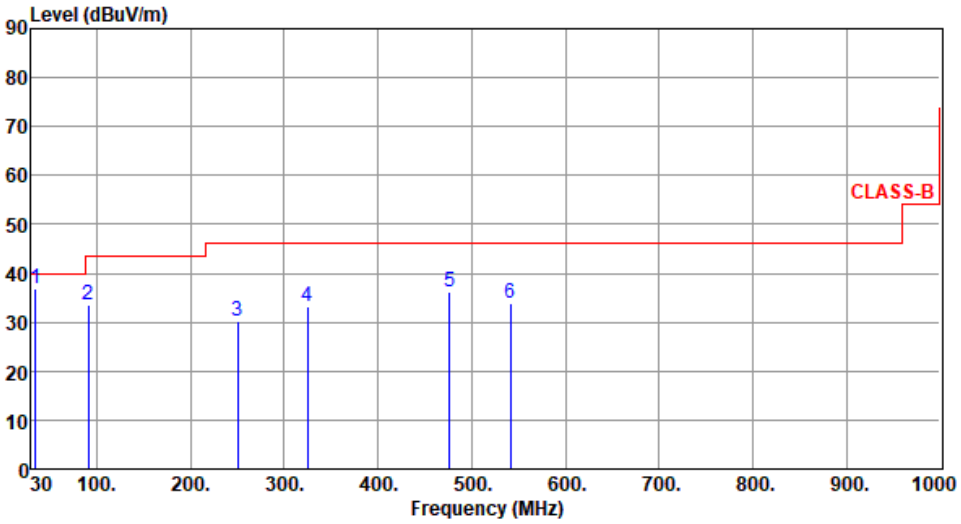


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	89.32	30.45	43.50	-13.05	44.94	-14.49	Peak	---	---
2	145.31	29.85	43.50	-13.65	38.80	-8.95	Peak	---	---
3	283.66	35.29	46.00	-10.71	43.69	-8.40	Peak	---	---
4	325.41	32.86	46.00	-13.14	40.14	-7.28	Peak	---	---
5	524.29	33.14	46.00	-12.86	35.75	-2.61	Peak	---	---
6	541.47	33.83	46.00	-12.17	36.26	-2.43	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.

Modulation	be EHT20	**Test Freq. (MHz)**	5240
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):22 Humidity(%):64

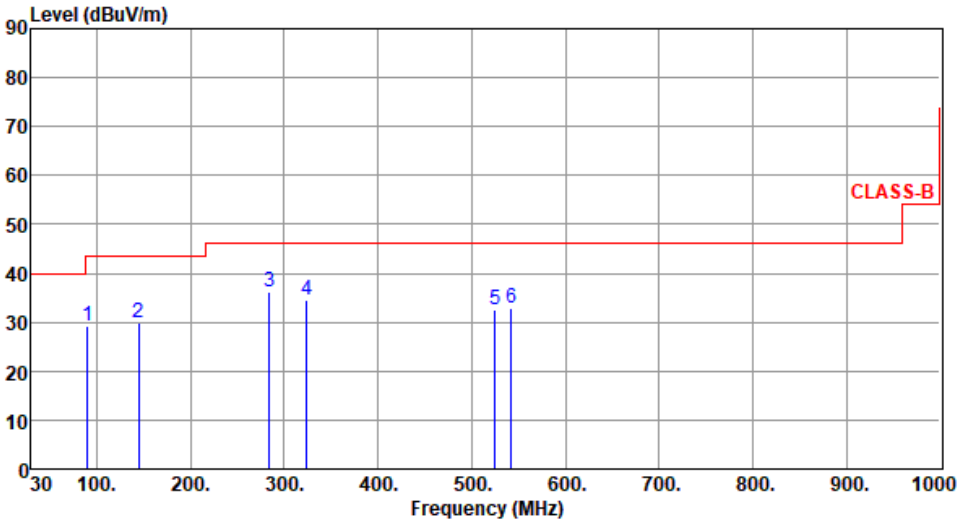


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	34.35	36.89	40.00	-3.11	46.42	-9.53	QP	100	266
2	90.56	33.54	43.50	-9.96	47.96	-14.42	Peak	---	---
3	250.66	30.27	46.00	-15.73	40.21	-9.94	Peak	---	---
4	324.46	33.18	46.00	-12.82	40.49	-7.31	Peak	---	---
5	476.56	36.25	46.00	-9.75	39.79	-3.54	Peak	---	---
6	541.62	33.98	46.00	-12.02	36.41	-2.43	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.

Modulation	be EHT20	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):22 Humidity(%):64

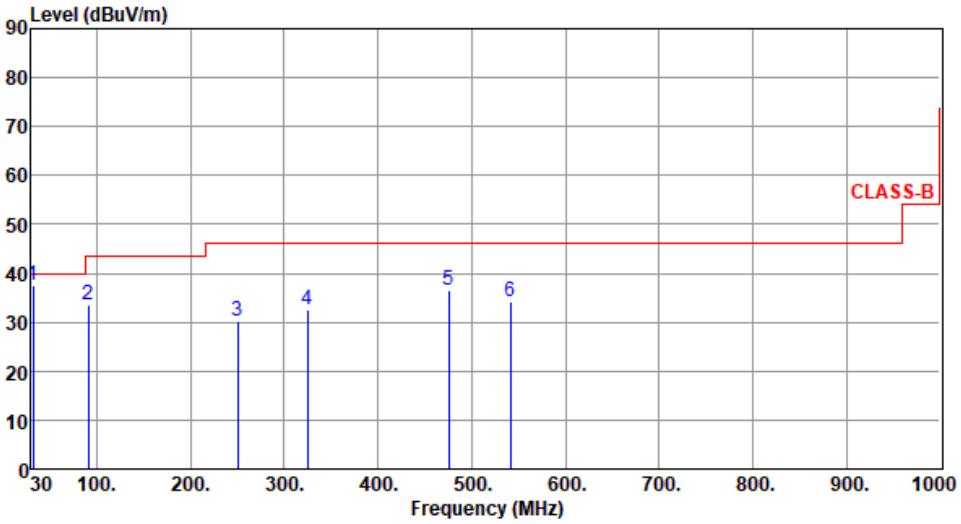


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	90.24	29.31	43.50	-14.19	43.73	-14.42	Peak	---	---
2	144.51	29.85	43.50	-13.65	38.83	-8.98	Peak	---	---
3	284.49	36.27	46.00	-9.73	44.62	-8.35	Peak	---	---
4	324.29	34.45	46.00	-11.55	41.76	-7.31	Peak	---	---
5	525.16	32.54	46.00	-13.46	35.14	-2.60	Peak	---	---
6	542.35	32.86	46.00	-13.14	35.27	-2.41	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.

Modulation	be EHT20	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):22 Humidity(%):64



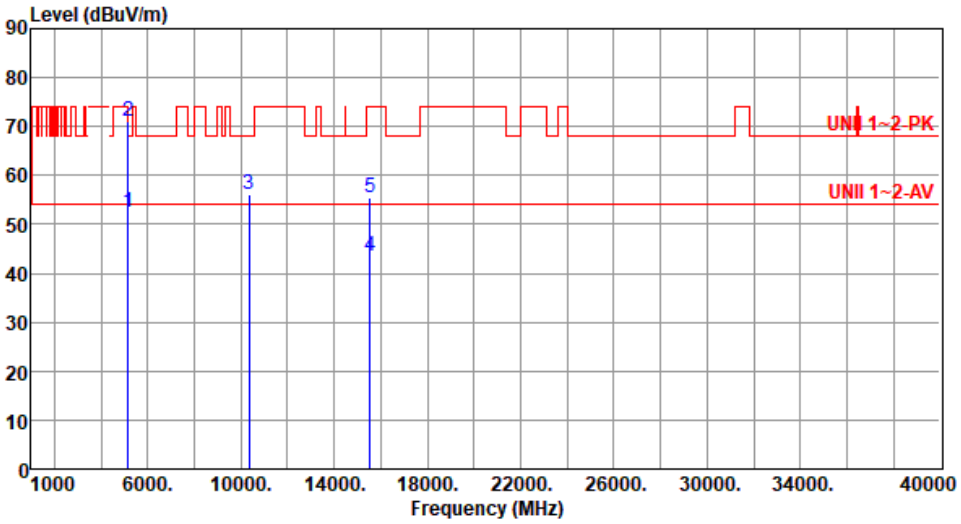
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	32.24	37.45	40.00	-2.55	47.17	-9.72	QP	100	253
2	90.86	33.54	43.50	-9.96	47.97	-14.43	Peak	---	---
3	250.72	30.23	46.00	-15.77	40.17	-9.94	Peak	---	---
4	324.67	32.45	46.00	-13.55	39.76	-7.31	Peak	---	---
5	475.79	36.58	46.00	-9.42	40.14	-3.56	Peak	---	---
6	541.35	34.16	46.00	-11.84	36.59	-2.43	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 be EHT20

Modulation	be EHT20	**Test Freq. (MHz)**	5180
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

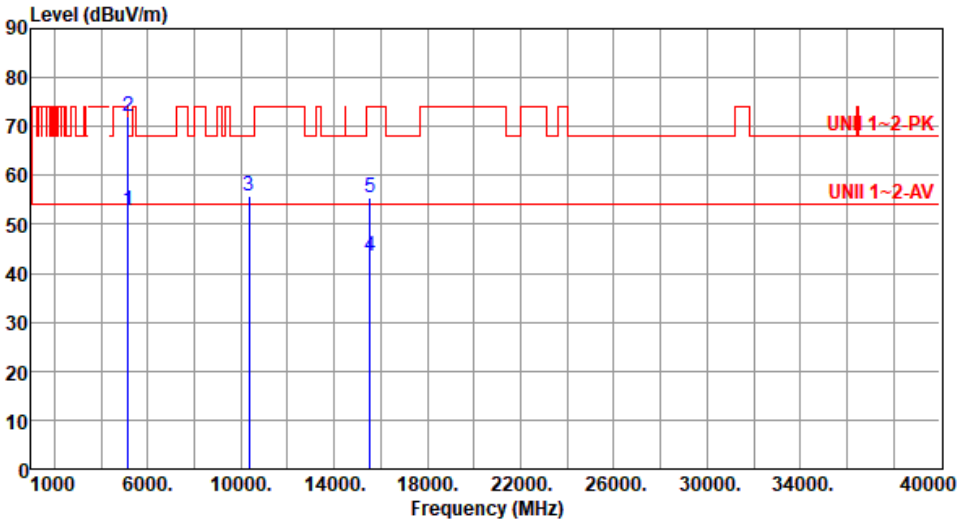


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.31	54.00	-1.69	51.98	0.33	Average	271	136
2	5150.00	70.95	74.00	-3.05	70.62	0.33	Peak	271	136
3	10360.00	56.02	68.20	-12.18	48.66	7.36	Peak	100	281
4	15540.00	43.46	54.00	-10.54	39.50	3.96	Average	100	213
5	15540.00	55.34	74.00	-18.66	51.38	3.96	Peak	100	213

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	be EHT20	**Test Freq. (MHz)**	5180
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

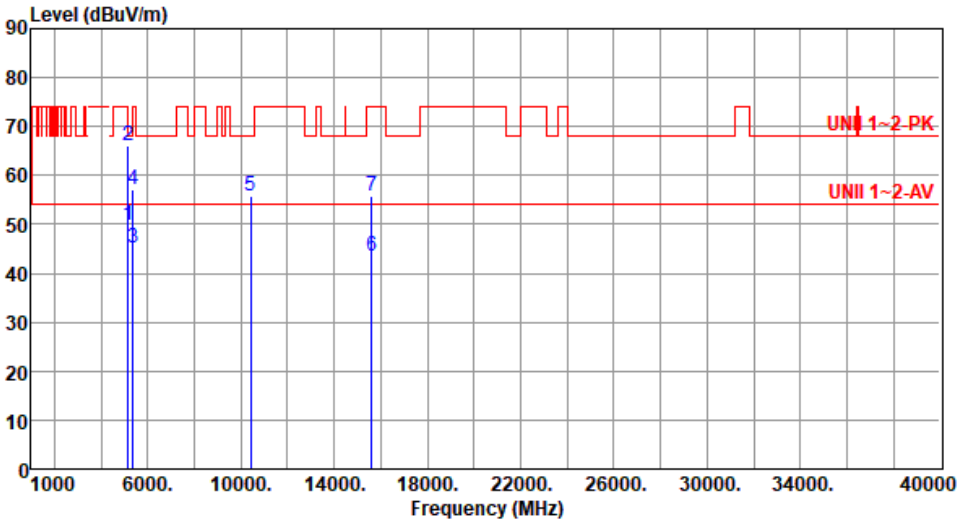


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.79	54.00	-1.21	52.46	0.33	Average	100	201
2	5150.00	71.99	74.00	-2.01	71.66	0.33	Peak	100	201
3	10360.00	55.95	68.20	-12.25	48.59	7.36	Peak	100	117
4	15540.00	43.54	54.00	-10.46	39.58	3.96	Average	100	274
5	15540.00	55.39	74.00	-18.61	51.43	3.96	Peak	100	274

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	be EHT20	**Test Freq. (MHz)**	5200
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

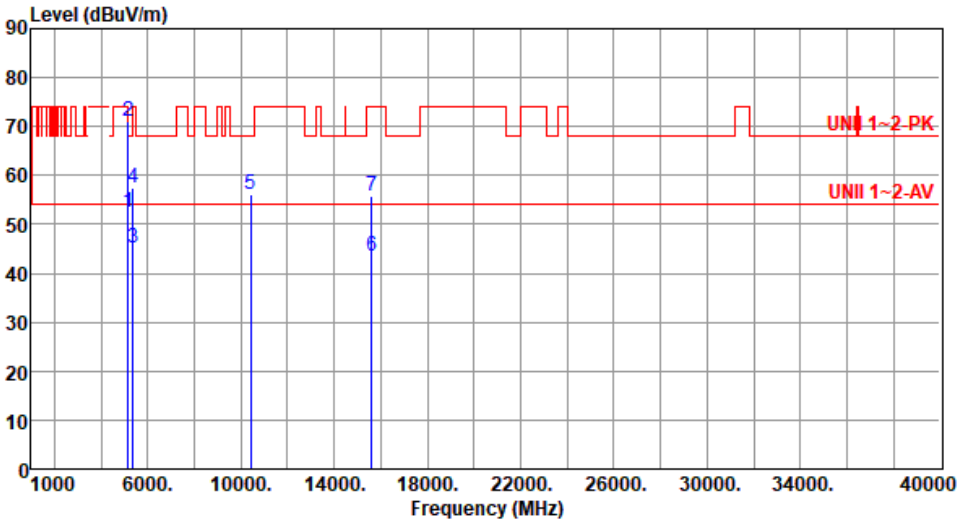


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	49.71	54.00	-4.29	49.38	0.33	Average	257	131
2	5150.00	66.19	74.00	-7.81	65.86	0.33	Peak	257	131
3	5350.00	45.20	54.00	-8.80	45.45	-0.25	Average	257	24
4	5350.00	57.27	74.00	-16.73	57.52	-0.25	Peak	257	24
5	10400.00	55.80	68.20	-12.40	48.46	7.34	Peak	100	146
6	15600.00	43.57	54.00	-10.43	39.57	4.00	Average	100	218
7	15600.00	55.67	74.00	-18.33	51.67	4.00	Peak	100	218

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	be EHT20	**Test Freq. (MHz)**	5200
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63



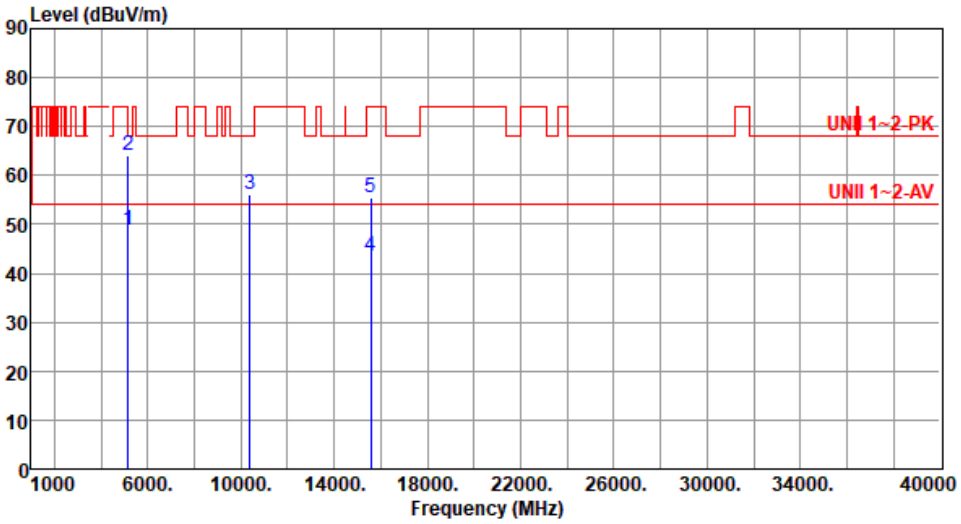
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.49	54.00	-1.51	52.16	0.33	Average	100	197
2	5150.00	70.93	74.00	-3.07	70.60	0.33	Peak	100	197
3	5350.00	45.00	54.00	-9.00	45.25	-0.25	Average	100	197
4	5350.00	57.41	74.00	-16.59	57.66	-0.25	Peak	100	197
5	10400.00	56.00	68.20	-12.20	48.66	7.34	Peak	100	204
6	15600.00	43.48	54.00	-10.52	39.48	4.00	Average	100	274
7	15600.00	55.66	74.00	-18.34	51.66	4.00	Peak	100	274

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 be EHT40

Modulation	be EHT40	**Test Freq. (MHz)**	5190
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

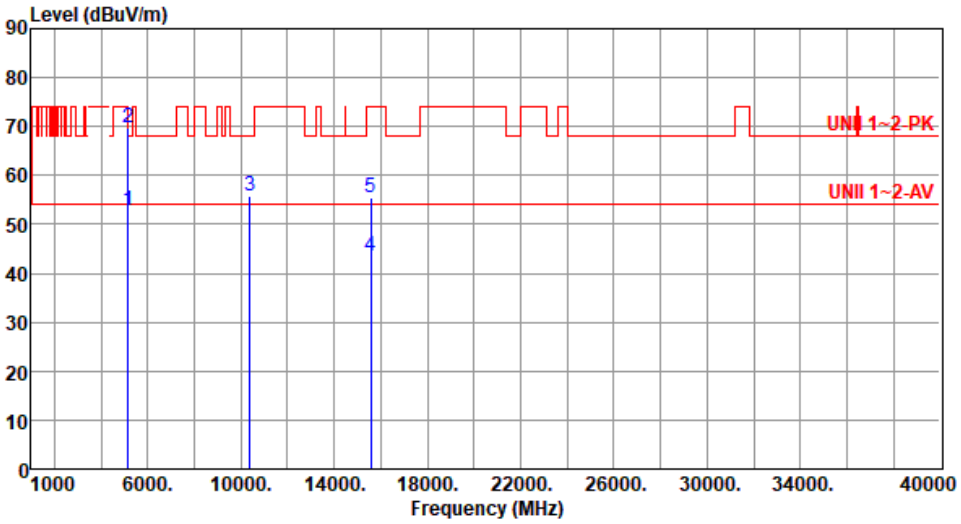


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	48.84	54.00	-5.16	48.51	0.33	Average	261	136
2	5150.00	64.14	74.00	-9.86	63.81	0.33	Peak	261	136
3	10380.00	55.97	68.20	-12.23	48.62	7.35	Peak	100	178
4	15570.00	43.48	54.00	-10.52	39.53	3.95	Average	100	248
5	15570.00	55.33	74.00	-18.67	51.38	3.95	Peak	100	248

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	be EHT40	**Test Freq. (MHz)**	5190
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

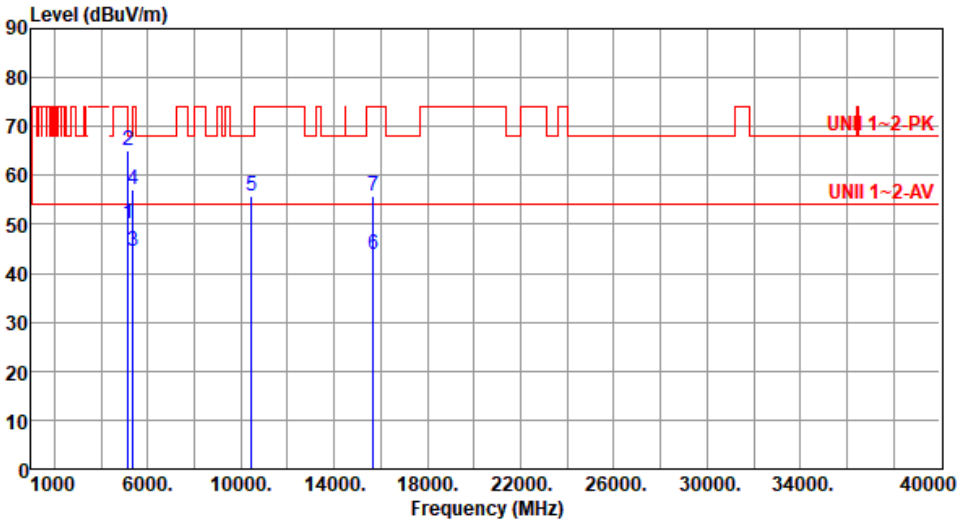


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.96	54.00	-1.04	52.63	0.33	Average	100	210
2	5150.00	69.88	74.00	-4.12	69.55	0.33	Peak	100	210
3	10380.00	55.91	68.20	-12.29	48.56	7.35	Peak	100	241
4	15570.00	43.53	54.00	-10.47	39.58	3.95	Average	100	156
5	15570.00	55.39	74.00	-18.61	51.44	3.95	Peak	100	156

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	be EHT40	**Test Freq. (MHz)**	5230
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

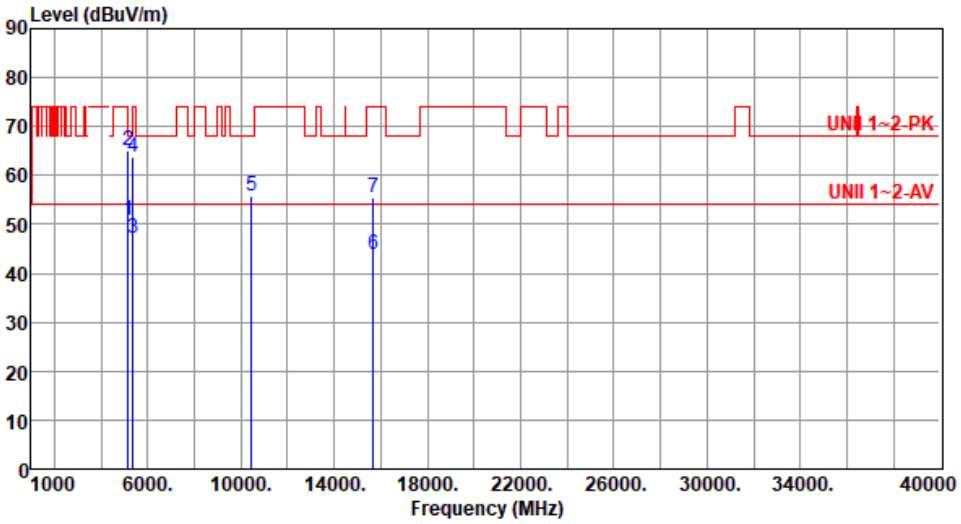


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	50.29	54.00	-3.71	49.96	0.33	Average	206	121
2	5150.00	64.96	74.00	-9.04	64.63	0.33	Peak	206	121
3	5350.00	44.49	54.00	-9.51	44.74	-0.25	Average	206	121
4	5350.00	57.07	74.00	-16.93	57.32	-0.25	Peak	206	121
5	10460.00	55.87	68.20	-12.33	48.58	7.29	Peak	100	147
6	15690.00	43.71	54.00	-10.29	39.54	4.17	Average	100	224
7	15690.00	55.74	74.00	-18.26	51.57	4.17	Peak	100	224

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	be EHT40	**Test Freq. (MHz)**	5230
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

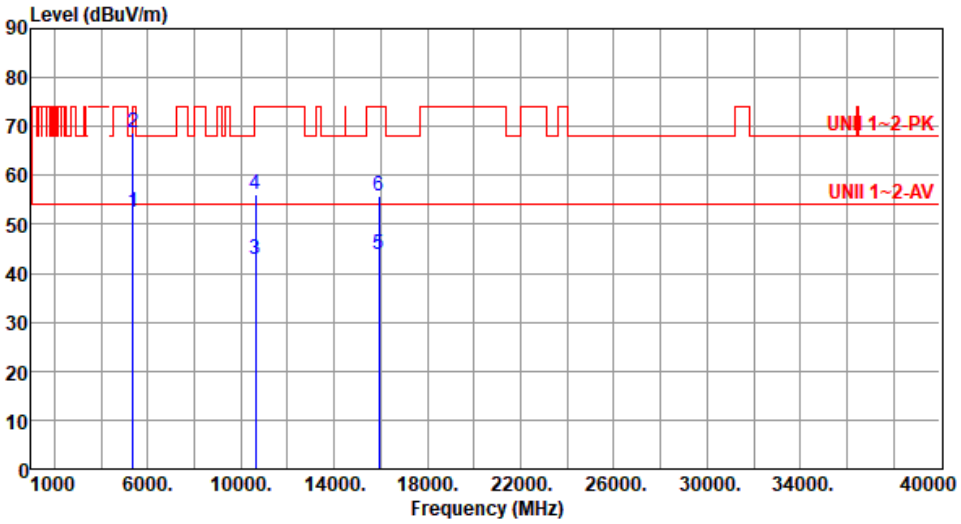


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	50.89	54.00	-3.11	50.56	0.33	Average	100	236
2	5150.00	65.16	74.00	-8.84	64.83	0.33	Peak	100	236
3	5350.00	47.30	54.00	-6.70	47.55	-0.25	Average	100	236
4	5350.00	63.60	74.00	-10.40	63.85	-0.25	Peak	100	236
5	10460.00	55.86	68.20	-12.34	48.57	7.29	Peak	100	227
6	15690.00	43.73	54.00	-10.27	39.56	4.17	Average	100	153
7	15690.00	55.55	74.00	-18.45	51.38	4.17	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	be EHT40	**Test Freq. (MHz)**	5310
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

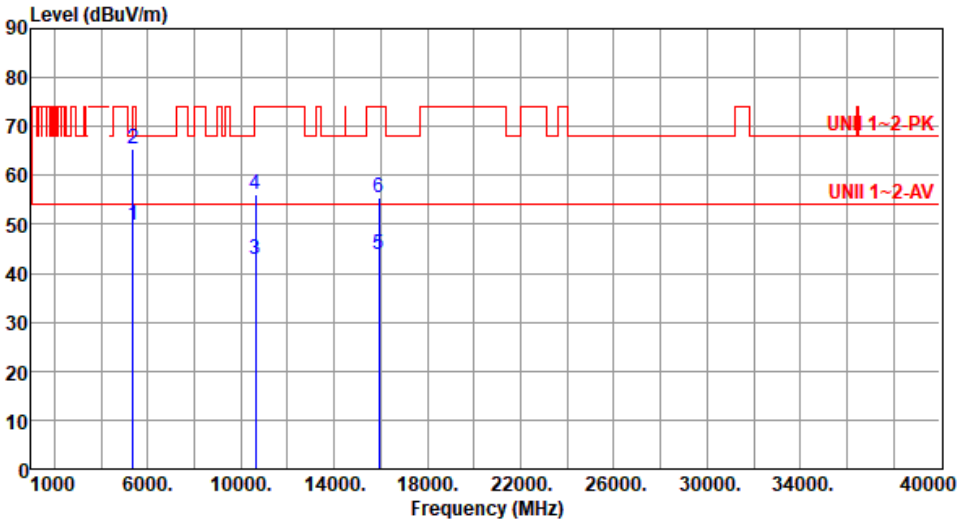


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	52.43	54.00	-1.57	52.68	-0.25	Average	161	143
2	5350.00	68.76	74.00	-5.24	69.01	-0.25	Peak	161	143
3	10620.00	42.80	54.00	-11.20	35.23	7.57	Average	100	176
4	10620.00	56.13	74.00	-17.87	48.56	7.57	Peak	100	176
5	15930.00	43.85	54.00	-10.15	39.54	4.31	Average	100	204
6	15930.00	55.64	74.00	-18.36	51.33	4.31	Peak	100	204

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	be EHT40	**Test Freq. (MHz)**	5310
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

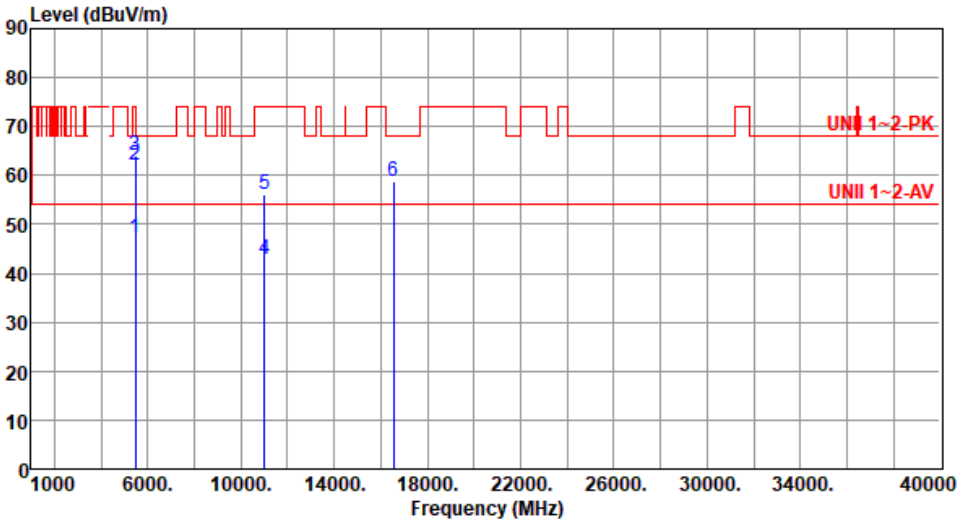


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	49.87	54.00	-4.13	50.12	-0.25	Average	134	225
2	5350.00	65.29	74.00	-8.71	65.54	-0.25	Peak	134	225
3	10620.00	42.99	54.00	-11.01	35.42	7.57	Average	100	103
4	10620.00	56.22	74.00	-17.78	48.65	7.57	Peak	100	103
5	15930.00	43.77	54.00	-10.23	39.46	4.31	Average	100	117
6	15930.00	55.59	74.00	-18.41	51.28	4.31	Peak	100	117

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	be EHT40	**Test Freq. (MHz)**	5510
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

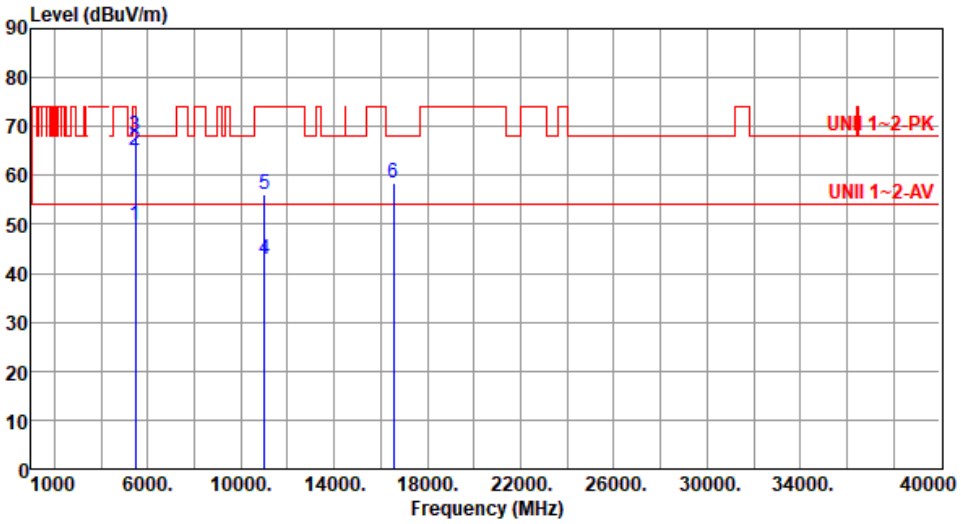


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	47.27	54.00	-6.73	46.88	0.39	Average	100	139
2	5460.00	62.24	74.00	-11.76	61.85	0.39	Peak	100	139
3	5470.00	64.09	68.20	-4.11	63.71	0.38	Peak	100	139
4	11020.00	42.97	54.00	-11.03	35.43	7.54	Average	100	189
5	11020.00	56.10	74.00	-17.90	48.56	7.54	Peak	100	189
6	16530.00	58.68	68.20	-9.52	52.46	6.22	Peak	100	207

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	be EHT40	**Test Freq. (MHz)**	5510
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

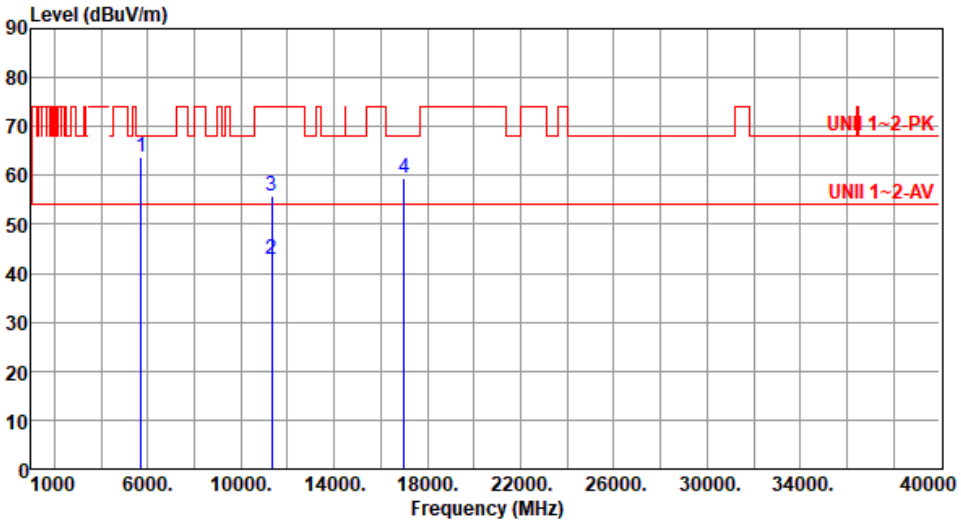


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	49.73	54.00	-4.27	49.34	0.39	Average	100	188
2	5460.00	65.04	74.00	-8.96	64.65	0.39	Peak	100	188
3	5470.00	68.02	68.20	-0.18	67.64	0.38	Peak	100	188
4	11020.00	42.99	54.00	-11.01	35.45	7.54	Average	100	178
5	11020.00	56.21	74.00	-17.79	48.67	7.54	Peak	100	178
6	16530.00	58.55	68.20	-9.65	52.33	6.22	Peak	100	222

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	be EHT40	**Test Freq. (MHz)**	5670
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

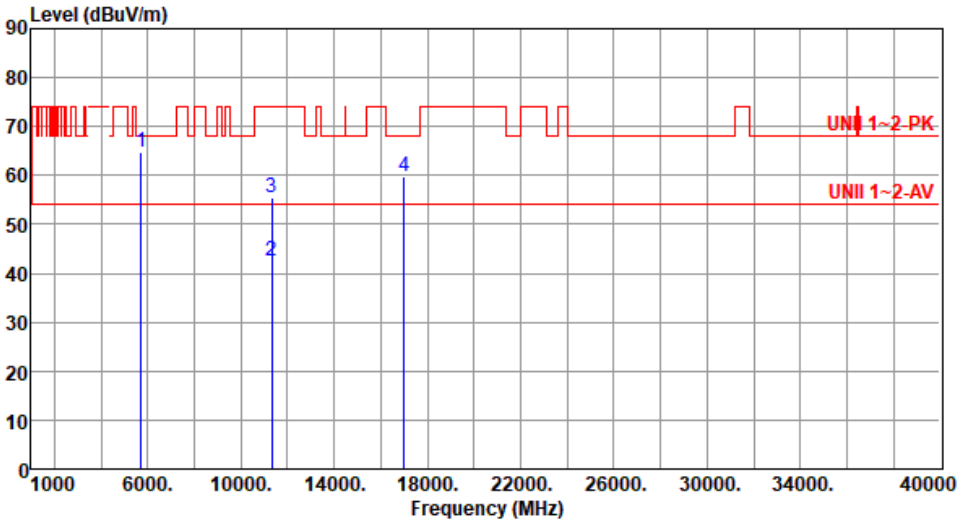


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	63.70	68.20	-4.50	63.12	0.58	Peak	120	153
2	11340.00	42.73	54.00	-11.27	35.68	7.05	Average	100	176
3	11340.00	55.71	74.00	-18.29	48.66	7.05	Peak	100	176
4	17010.00	59.55	68.20	-8.65	52.38	7.17	Peak	100	208

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	be EHT40	**Test Freq. (MHz)**	5670
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

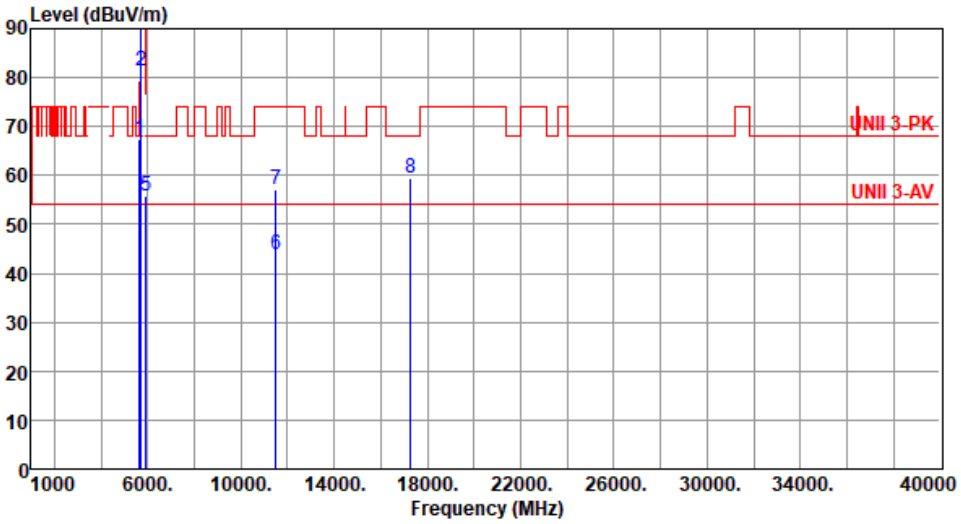


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	64.71	68.20	-3.49	64.13	0.58	Peak	100	320
2	11340.00	42.64	54.00	-11.36	35.59	7.05	Average	100	157
3	11340.00	55.61	74.00	-18.39	48.56	7.05	Peak	100	157
4	17010.00	59.64	68.20	-8.56	52.47	7.17	Peak	100	206

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	be EHT40	**Test Freq. (MHz)**	5755
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

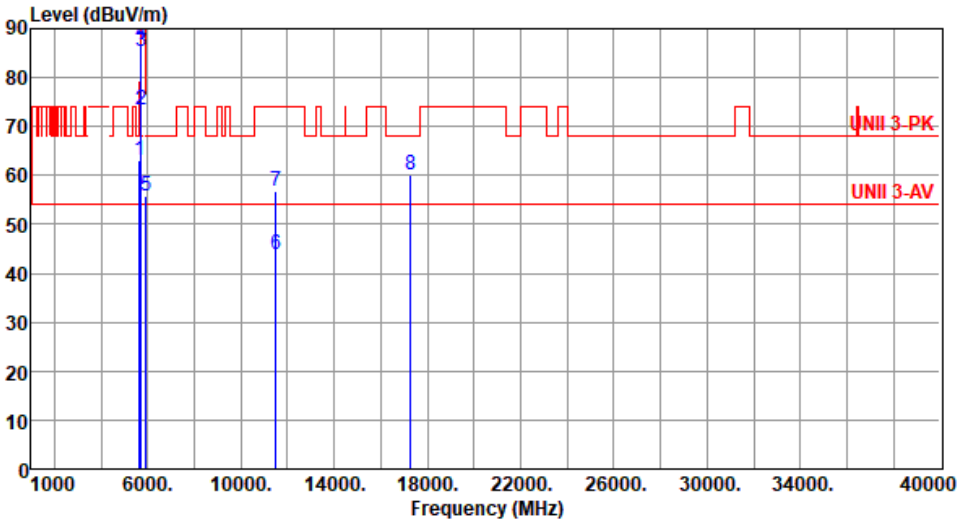


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	67.40	68.20	-0.80	67.19	0.21	Peak	317	163
2	5700.00	81.22	105.20	-23.98	80.69	0.53	Peak	317	163
3	5720.00	89.88	110.80	-20.92	89.31	0.57	Peak	317	163
4	5725.00	93.70	122.20	-28.50	93.12	0.58	Peak	317	163
5	5925.00	55.76	68.20	-12.44	54.63	1.13	Peak	317	163
6	11510.00	43.78	54.00	-10.22	36.43	7.35	Average	100	227
7	11510.00	57.01	74.00	-16.99	49.66	7.35	Peak	100	227
8	17265.00	59.61	68.20	-8.59	52.86	6.75	Peak	100	108

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	be EHT40	**Test Freq. (MHz)**	5755
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

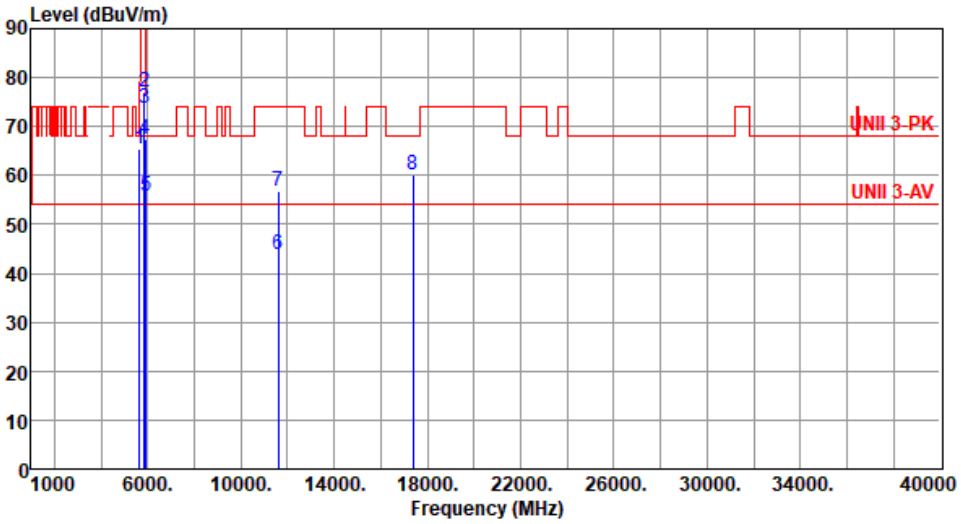


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	63.14	68.20	-5.06	62.93	0.21	Peak	100	13
2	5700.00	73.37	105.20	-31.83	72.84	0.53	Peak	100	13
3	5720.00	85.19	110.80	-25.61	84.62	0.57	Peak	100	13
4	5725.00	86.91	122.20	-35.29	86.33	0.58	Peak	100	13
5	5925.00	55.71	68.20	-12.49	54.58	1.13	Peak	100	13
6	11510.00	43.82	54.00	-10.18	36.47	7.35	Average	100	288
7	11510.00	56.83	74.00	-17.17	49.48	7.35	Peak	100	288
8	17265.00	60.21	68.20	-7.99	53.46	6.75	Peak	100	117

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	be EHT40	**Test Freq. (MHz)**	5795
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63

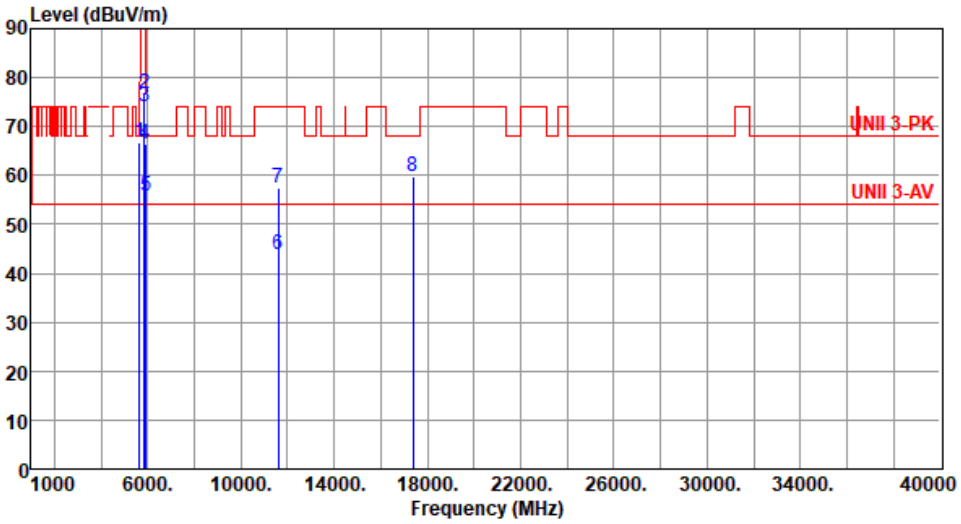


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	65.59	68.20	-2.61	65.38	0.21	Peak	315	144
2	5850.00	77.18	122.20	-45.02	76.22	0.96	Peak	315	144
3	5855.00	73.63	110.80	-37.17	72.65	0.98	Peak	315	144
4	5875.00	67.48	105.20	-37.72	66.46	1.02	Peak	315	144
5	5925.00	55.89	68.20	-12.31	54.76	1.13	Peak	315	144
6	11590.00	43.85	54.00	-10.15	36.75	7.10	Average	100	257
7	11590.00	56.87	74.00	-17.13	49.77	7.10	Peak	100	257
8	17385.00	60.19	68.20	-8.01	53.17	7.02	Peak	100	208

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	be EHT40	**Test Freq. (MHz)**	5795
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):63



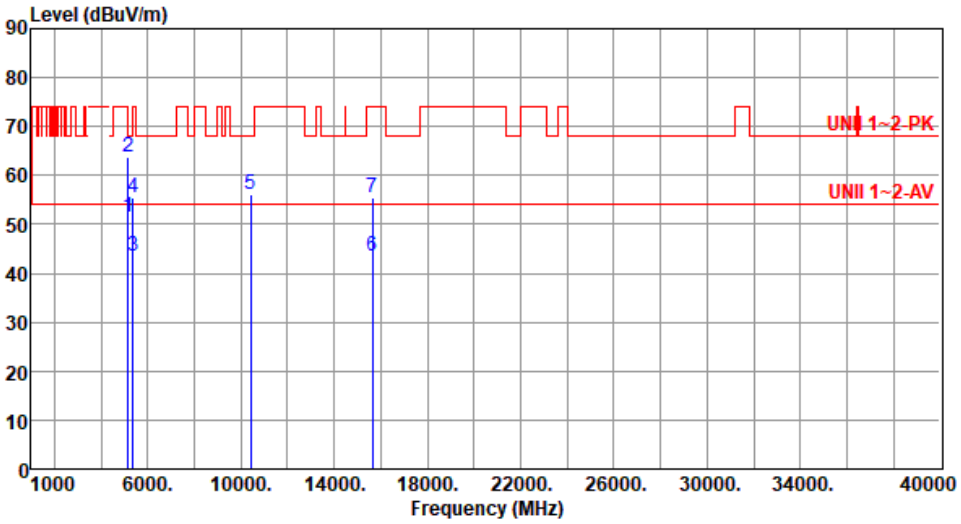
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	66.75	68.20	-1.45	66.54	0.21	Peak	100	190
2	5850.00	76.88	122.20	-45.32	75.92	0.96	Peak	100	190
3	5855.00	73.99	110.80	-36.81	73.01	0.98	Peak	100	190
4	5875.00	66.45	105.20	-38.75	65.43	1.02	Peak	100	190
5	5925.00	55.81	68.20	-12.39	54.68	1.13	Peak	100	190
6	11590.00	43.85	54.00	-10.15	36.75	7.10	Average	100	166
7	11590.00	57.33	74.00	-16.67	50.23	7.10	Peak	100	166
8	17385.00	59.87	68.20	-8.33	52.85	7.02	Peak	100	227

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 be EHT80

Modulation	be EHT80	**Test Freq. (MHz)**	5210
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

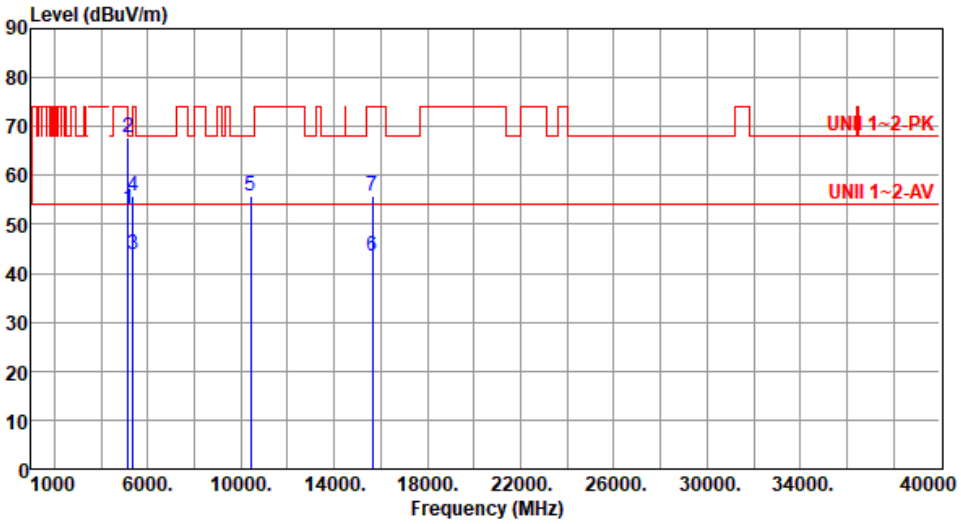


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.37	54.00	-2.63	51.04	0.33	Average	244	30
2	5150.00	63.87	74.00	-10.13	63.54	0.33	Peak	244	30
3	5350.00	43.36	54.00	-10.64	43.61	-0.25	Average	244	30
4	5350.00	55.46	74.00	-18.54	55.71	-0.25	Peak	244	30
5	10420.00	55.99	68.20	-12.21	48.66	7.33	Peak	100	214
6	15630.00	43.60	54.00	-10.40	39.68	3.92	Average	100	175
7	15630.00	55.40	74.00	-18.60	51.48	3.92	Peak	100	175

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	be EHT80	**Test Freq. (MHz)**	5210
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

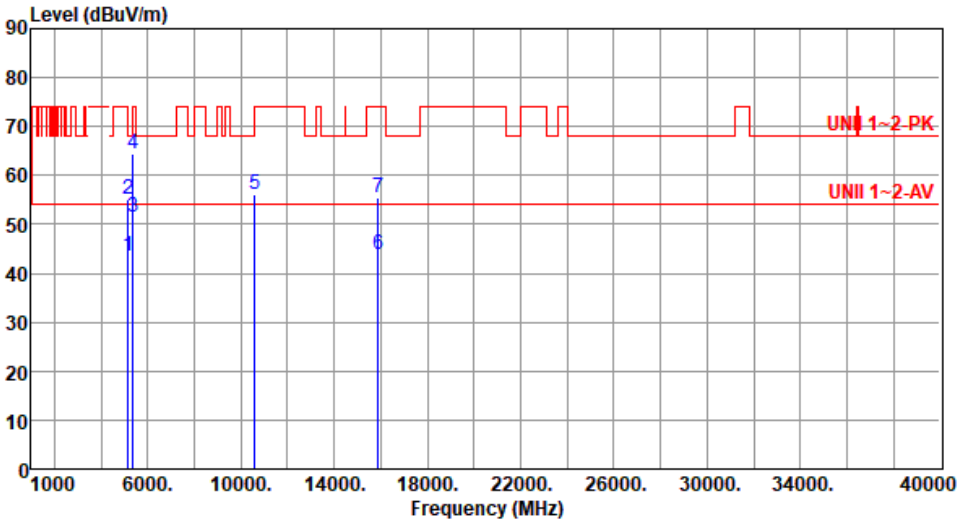


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.21	54.00	-0.79	52.88	0.33	Average	100	212
2	5150.00	67.67	74.00	-6.33	67.34	0.33	Peak	100	212
3	5350.00	43.92	54.00	-10.08	44.17	-0.25	Average	100	212
4	5350.00	55.92	74.00	-18.08	56.17	-0.25	Peak	100	212
5	10420.00	55.90	68.20	-12.30	48.57	7.33	Peak	100	208
6	15630.00	43.53	54.00	-10.47	39.61	3.92	Average	100	185
7	15630.00	55.63	74.00	-18.37	51.71	3.92	Peak	100	185

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	be EHT80	**Test Freq. (MHz)**	5290
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

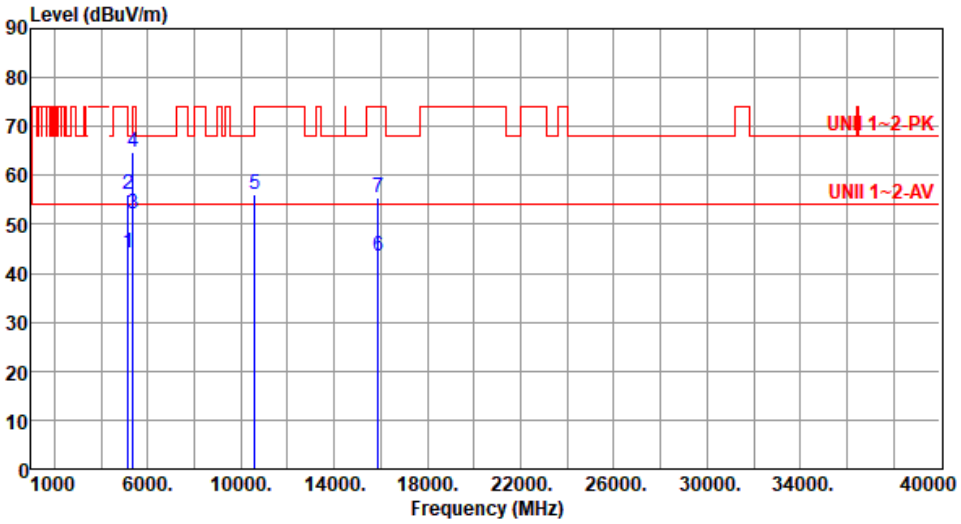


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	43.64	54.00	-10.36	43.31	0.33	Average	137	29
2	5150.00	55.01	74.00	-18.99	54.68	0.33	Peak	137	29
3	5350.00	51.56	54.00	-2.44	51.81	-0.25	Average	137	29
4	5350.00	64.38	74.00	-9.62	64.63	-0.25	Peak	137	29
5	10580.00	55.97	68.20	-12.23	48.62	7.35	Peak	100	251
6	15870.00	43.73	54.00	-10.27	39.68	4.05	Average	100	177
7	15870.00	55.56	74.00	-18.44	51.51	4.05	Peak	100	177

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	be EHT80	**Test Freq. (MHz)**	5290
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

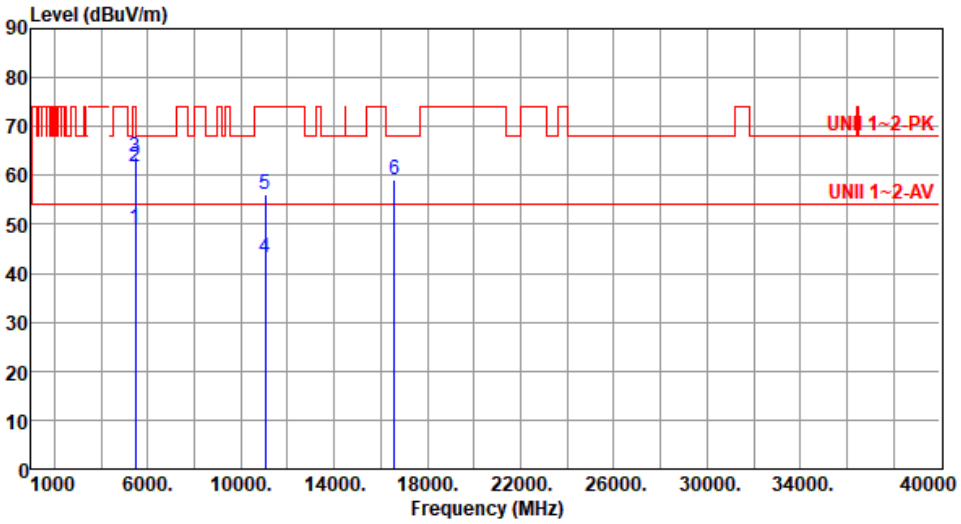


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	44.09	54.00	-9.91	43.76	0.33	Average	237	243
2	5150.00	55.96	74.00	-18.04	55.63	0.33	Peak	237	243
3	5350.00	52.01	54.00	-1.99	52.26	-0.25	Average	237	243
4	5350.00	64.76	74.00	-9.24	65.01	-0.25	Peak	237	243
5	10580.00	55.97	68.20	-12.23	48.62	7.35	Peak	100	263
6	15870.00	43.60	54.00	-10.40	39.55	4.05	Average	100	227
7	15870.00	55.62	74.00	-18.38	51.57	4.05	Peak	100	227

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	be EHT80	**Test Freq. (MHz)**	5530
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

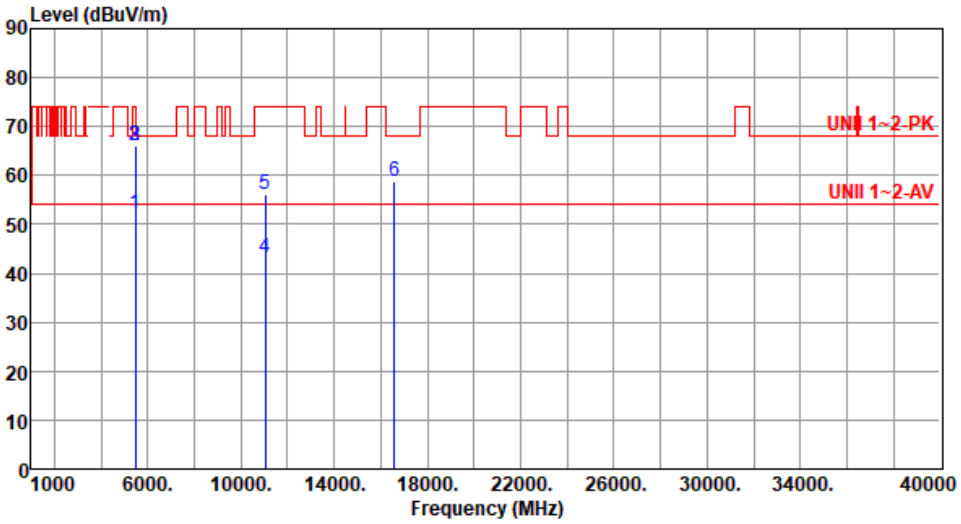


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	49.30	54.00	-4.70	48.91	0.39	Average	100	174
2	5460.00	61.61	74.00	-12.39	61.22	0.39	Peak	100	174
3	5470.00	63.85	68.20	-4.35	63.47	0.38	Peak	100	174
4	11060.00	43.13	54.00	-10.87	35.64	7.49	Average	100	208
5	11060.00	56.16	74.00	-17.84	48.67	7.49	Peak	100	208
6	16590.00	58.99	68.20	-9.21	52.67	6.32	Peak	100	117

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	be EHT80	**Test Freq. (MHz)**	5530
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

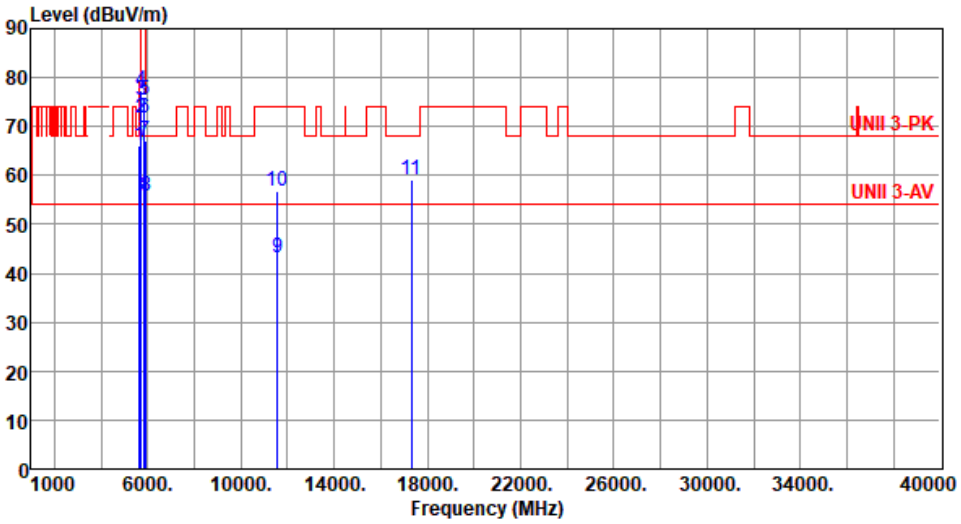


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	52.08	54.00	-1.92	51.69	0.39	Average	100	232
2	5460.00	65.97	74.00	-8.03	65.58	0.39	Peak	100	232
3	5470.00	66.13	68.20	-2.07	65.75	0.38	Peak	100	232
4	11060.00	43.13	54.00	-10.87	35.64	7.49	Average	100	227
5	11060.00	56.25	74.00	-17.75	48.76	7.49	Peak	100	227
6	16590.00	58.75	68.20	-9.45	52.43	6.32	Peak	100	208

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	be EHT80	**Test Freq. (MHz)**	5775
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

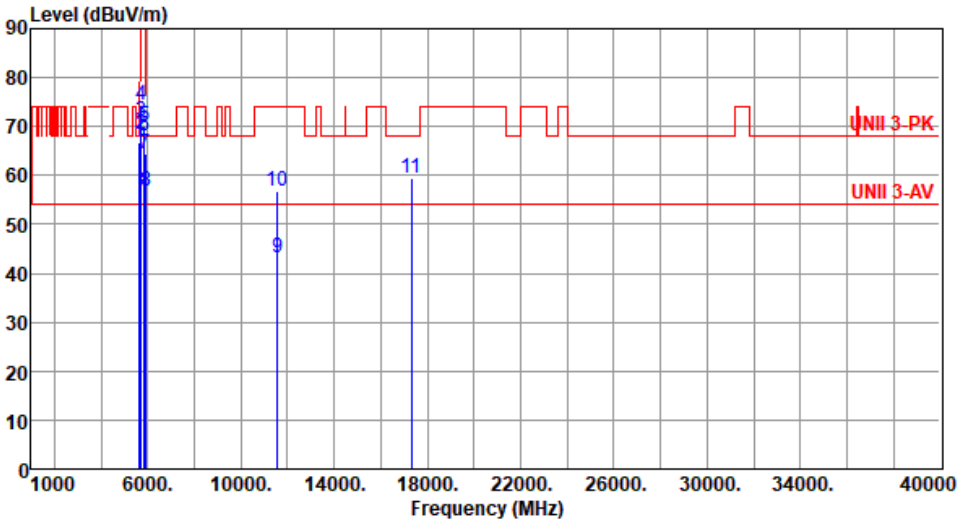


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	66.17	68.20	-2.03	65.96	0.21	Peak	100	163
2	5700.00	71.76	105.20	-33.44	71.23	0.53	Peak	100	163
3	5720.00	75.30	110.80	-35.50	74.73	0.57	Peak	100	163
4	5725.00	77.26	122.20	-44.94	76.68	0.58	Peak	100	163
5	5850.00	75.24	122.20	-46.96	74.28	0.96	Peak	100	163
6	5855.00	71.63	110.80	-39.17	70.65	0.98	Peak	100	163
7	5875.00	67.04	105.20	-38.16	66.02	1.02	Peak	100	163
8	5925.00	55.67	68.20	-12.53	54.54	1.13	Peak	100	163
9	11550.00	43.13	54.00	-10.87	35.79	7.34	Average	100	224
10	11550.00	56.65	74.00	-17.35	49.31	7.34	Peak	100	224
11	17325.00	59.26	68.20	-8.94	52.48	6.78	Peak	100	119

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	be EHT80	**Test Freq. (MHz)**	5775
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62



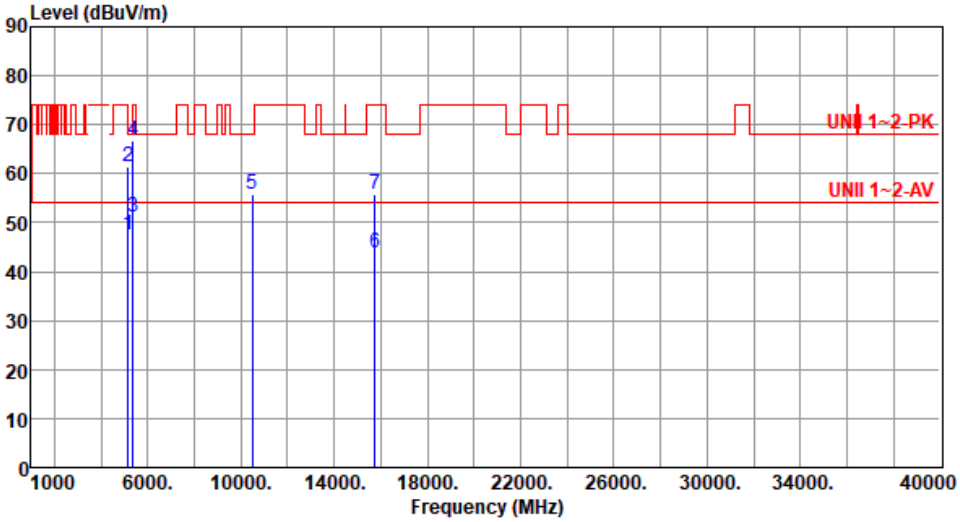
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	66.79	68.20	-1.41	66.58	0.21	Peak	254	234
2	5700.00	68.27	105.20	-36.93	67.74	0.53	Peak	254	234
3	5720.00	71.20	110.80	-39.60	70.63	0.57	Peak	254	234
4	5725.00	74.26	122.20	-47.94	73.68	0.58	Peak	254	234
5	5850.00	70.22	122.20	-51.98	69.26	0.96	Peak	254	234
6	5855.00	68.20	110.80	-42.60	67.22	0.98	Peak	254	234
7	5875.00	64.54	105.20	-40.66	63.52	1.02	Peak	254	234
8	5925.00	56.77	68.20	-11.43	55.64	1.13	Peak	254	234
9	11550.00	43.03	54.00	-10.97	35.69	7.34	Average	100	208
10	11550.00	56.67	74.00	-17.33	49.33	7.34	Peak	100	208
11	17325.00	59.60	68.20	-8.60	52.82	6.78	Peak	100	117

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 be EHT160

Modulation	be EHT160	**Test Freq. (MHz)**	5250
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

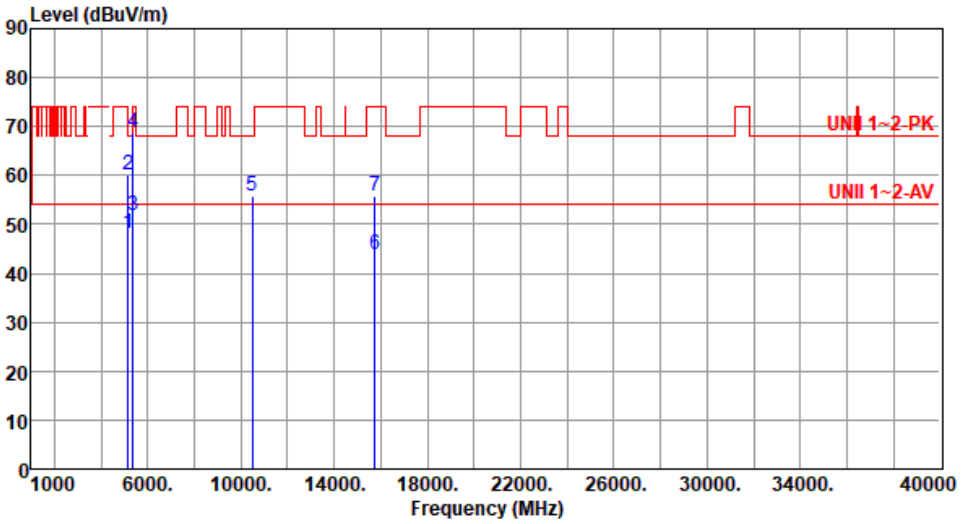


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	47.50	54.00	-6.50	47.17	0.33	Average	142	147
2	5150.00	61.49	74.00	-12.51	61.16	0.33	Peak	142	147
3	5350.00	51.25	54.00	-2.75	51.50	-0.25	Average	142	147
4	5350.00	66.76	74.00	-7.24	67.01	-0.25	Peak	142	147
5	10500.00	55.68	68.20	-12.52	48.49	7.19	Peak	100	258
6	15750.00	43.69	54.00	-10.31	39.48	4.21	Average	100	118
7	15750.00	55.65	74.00	-18.35	51.44	4.21	Peak	100	118

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	be EHT160	**Test Freq. (MHz)**	5250
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

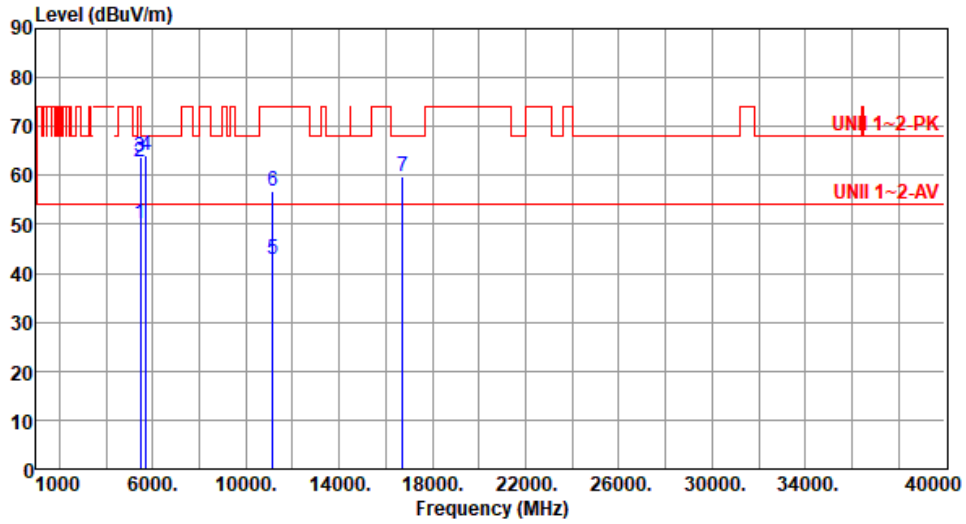


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	48.31	54.00	-5.69	47.98	0.33	Average	100	243
2	5150.00	60.01	74.00	-13.99	59.68	0.33	Peak	100	243
3	5350.00	51.91	54.00	-2.09	52.16	-0.25	Average	100	243
4	5350.00	68.62	74.00	-5.38	68.87	-0.25	Peak	100	243
5	10500.00	55.78	68.20	-12.42	48.59	7.19	Peak	100	221
6	15750.00	43.78	54.00	-10.22	39.57	4.21	Average	100	168
7	15750.00	55.95	74.00	-18.05	51.74	4.21	Peak	100	168

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	be EHT160	**Test Freq. (MHz)**	5570
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

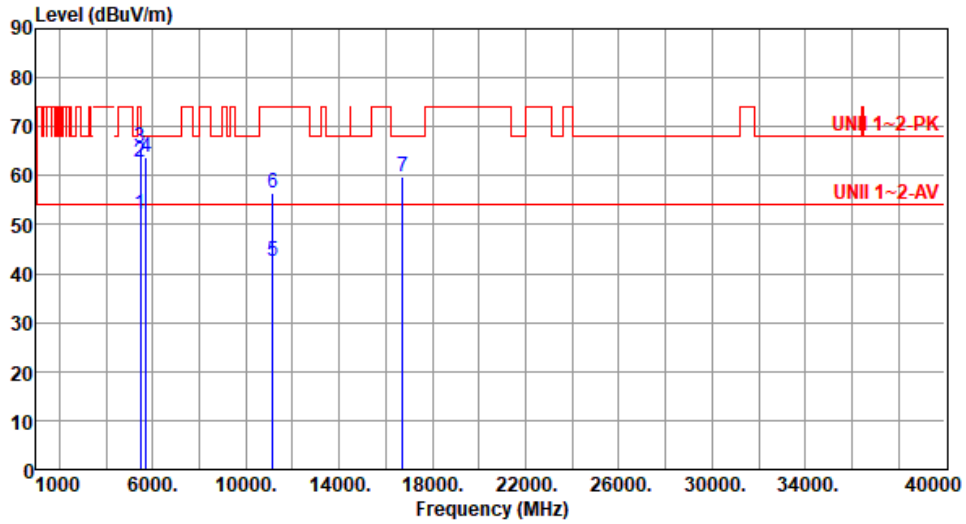


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	50.01	54.00	-3.99	49.62	0.39	Average	310	146
2	5460.00	62.88	74.00	-11.12	62.49	0.39	Peak	310	146
3	5470.00	63.74	68.20	-4.46	63.36	0.38	Peak	310	146
4	5725.00	63.94	68.20	-4.26	63.36	0.58	Peak	310	146
5	11140.00	42.73	54.00	-11.27	35.68	7.05	Average	100	218
6	11140.00	56.69	74.00	-17.31	49.64	7.05	Peak	100	218
7	16710.00	59.89	68.20	-8.31	52.48	7.41	Peak	100	116

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	be EHT160	**Test Freq. (MHz)**	5570
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62



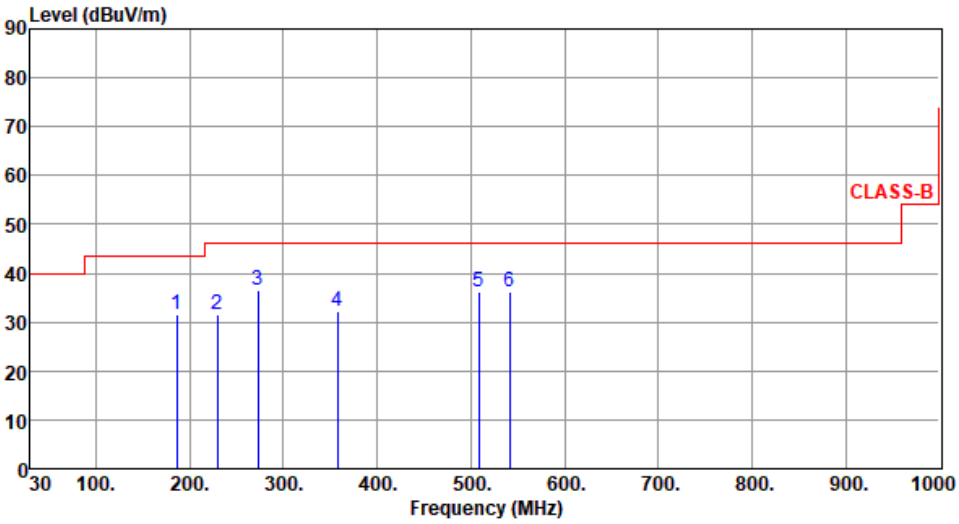
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	52.00	54.00	-2.00	51.61	0.39	Average	100	236
2	5460.00	62.90	74.00	-11.10	62.51	0.39	Peak	100	236
3	5470.00	65.86	68.20	-2.34	65.48	0.38	Peak	100	236
4	5725.00	63.66	68.20	-4.54	63.08	0.58	Peak	100	236
5	11140.00	42.66	54.00	-11.34	35.61	7.05	Average	100	284
6	11140.00	56.56	74.00	-17.44	49.51	7.05	Peak	100	284
7	16710.00	59.91	68.20	-8.29	52.50	7.41	Peak	100	139

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).

Configuration 2: Model: SDG-8734v
Unwanted Emissions (Below 1GHz)

Modulation	be EHT20	**Test Freq. (MHz)**	5240
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):22 Humidity(%):64

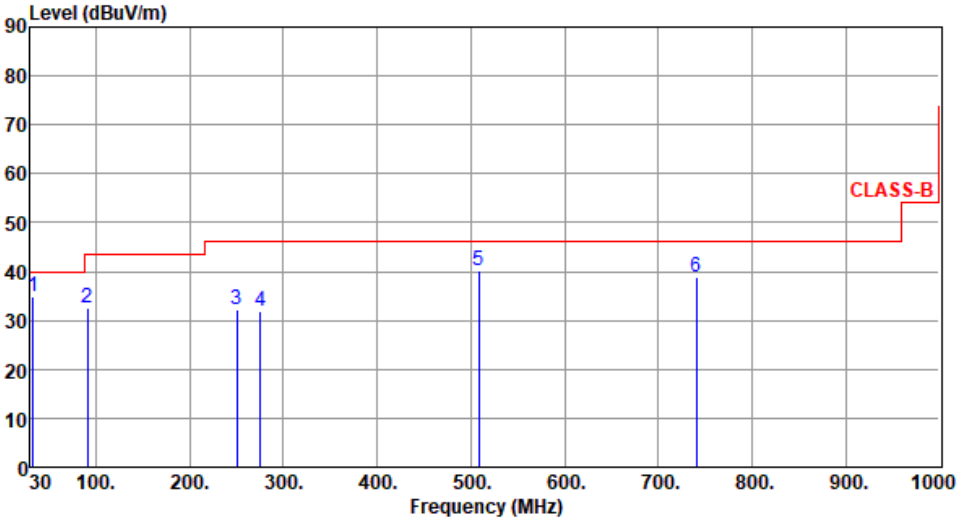


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	186.24	31.39	43.50	-12.11	42.33	-10.94	Peak	---	---
2	229.63	31.52	46.00	-14.48	43.07	-11.55	Peak	---	---
3	273.27	36.48	46.00	-9.52	45.35	-8.87	Peak	---	---
4	357.51	32.29	46.00	-13.71	39.04	-6.75	Peak	---	---
5	508.45	36.04	46.00	-9.96	38.82	-2.78	Peak	---	---
6	541.33	36.21	46.00	-9.79	38.64	-2.43	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.

Modulation	be EHT20	**Test Freq. (MHz)**	5240
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):22 Humidity(%):64

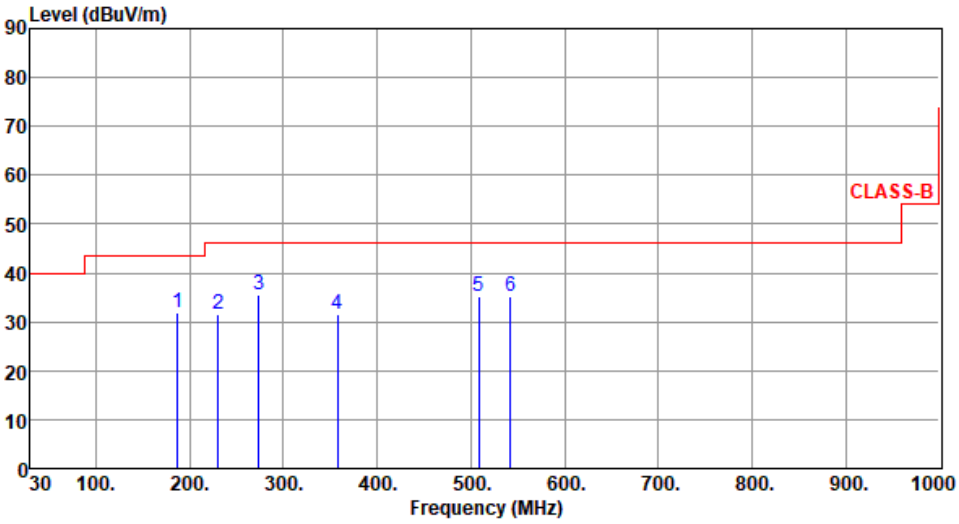


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	32.88	34.84	40.00	-5.16	44.69	-9.85	QP	100	151
2	90.86	32.44	43.50	-11.06	46.87	-14.43	Peak	---	---
3	250.58	32.14	46.00	-13.86	42.08	-9.94	Peak	---	---
4	275.45	31.92	46.00	-14.08	40.66	-8.74	Peak	---	---
5	508.75	40.18	46.00	-5.82	42.96	-2.78	Peak	---	---
6	740.24	38.91	46.00	-7.09	37.06	1.85	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.

Modulation	be EHT20	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):22 Humidity(%):64

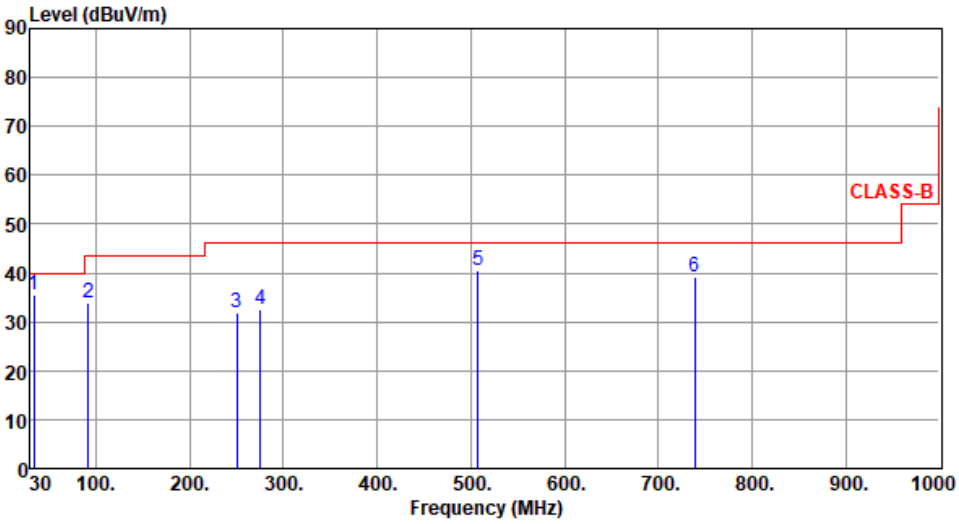


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	186.69	31.78	43.50	-11.72	42.72	-10.94	Peak	---	---
2	230.34	31.64	46.00	-14.36	43.10	-11.46	Peak	---	---
3	273.95	35.48	46.00	-10.52	44.30	-8.82	Peak	---	---
4	357.61	31.42	46.00	-14.58	38.17	-6.75	Peak	---	---
5	508.49	35.27	46.00	-10.73	38.05	-2.78	Peak	---	---
6	542.33	35.29	46.00	-10.71	37.70	-2.41	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.

Modulation	be EHT20	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):22 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	33.48	35.49	40.00	-4.51	45.22	-9.73	QP	100	164
2	91.48	33.78	43.50	-9.72	48.16	-14.38	Peak	---	---
3	250.46	31.74	46.00	-14.26	41.68	-9.94	Peak	---	---
4	275.59	32.56	46.00	-13.44	41.30	-8.74	Peak	---	---
5	507.74	40.38	46.00	-5.62	43.18	-2.80	Peak	---	---
6	738.65	39.24	46.00	-6.76	37.38	1.86	Peak	---	---

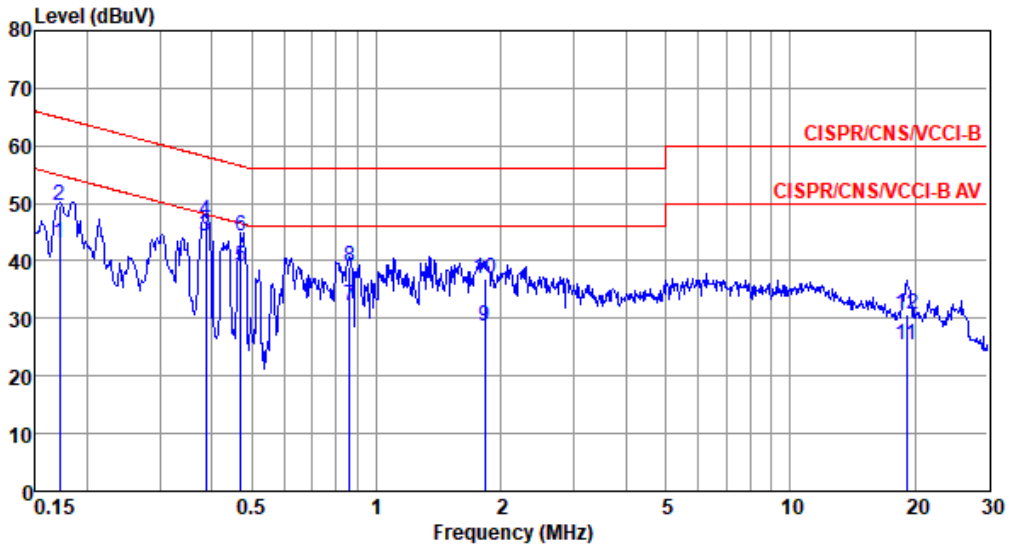
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Non-beamforming mode

Configuration 1: Model: SDG-8733v

Modulation Mode	be EHT40	Test Freq. (MHz)	5230
Power Phase	Line		

Test by : Joe Liao Temperature: 24°C Humidity: 64%

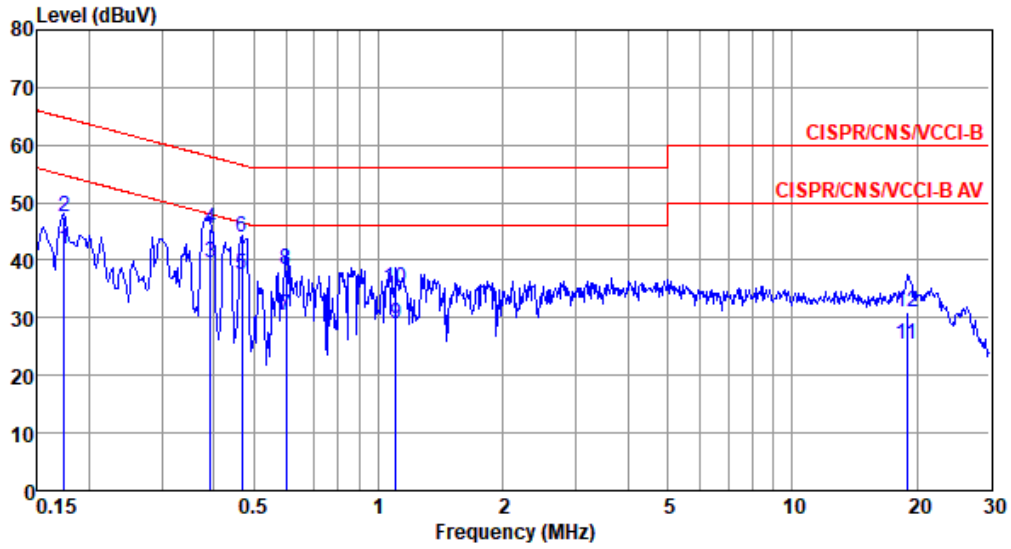


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.171	43.14	54.90	-11.76	33.20	9.65	0.07	0.22	Average
2	0.171	49.61	64.90	-15.29	39.67	9.65	0.07	0.22	QP
3*	0.387	44.20	48.12	-3.92	34.15	9.64	0.08	0.33	Average
4	0.387	46.89	58.12	-11.23	36.84	9.64	0.08	0.33	QP
5	0.471	39.09	46.49	-7.40	29.03	9.64	0.08	0.34	Average
6	0.471	44.28	56.49	-12.21	34.22	9.64	0.08	0.34	QP
7	0.862	32.13	46.00	-13.87	22.04	9.65	0.09	0.35	Average
8	0.862	38.89	56.00	-17.11	28.80	9.65	0.09	0.35	QP
9	1.829	28.51	46.00	-17.49	18.36	9.66	0.11	0.38	Average
10	1.829	37.03	56.00	-18.97	26.88	9.66	0.11	0.38	QP
11	19.122	25.32	50.00	-24.68	14.56	9.68	0.50	0.58	Average
12	19.122	30.63	60.00	-29.37	19.87	9.68	0.50	0.58	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	be EHT40	**Test Freq. (MHz)**	5230
Power Phase	Neutral		

Test by : Joe Liao Temperature: 24°C Humidity: 64%

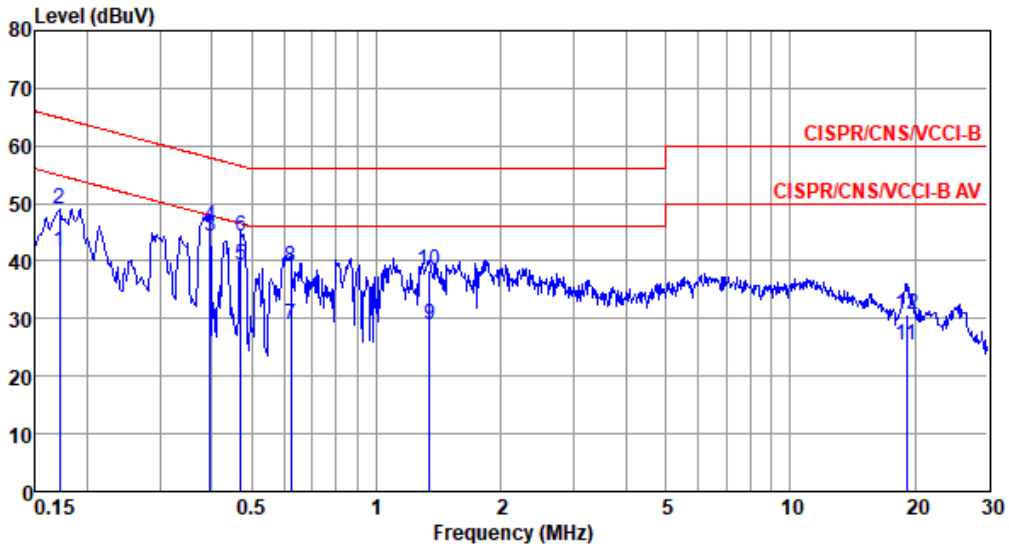


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.174	41.79	54.77	-12.98	31.92	9.65	0.07	0.15	Average
2	0.174	47.59	64.77	-17.18	37.72	9.65	0.07	0.15	QP
3*	0.393	39.60	47.99	-8.39	29.63	9.64	0.08	0.25	Average
4	0.393	45.55	57.99	-12.44	35.58	9.64	0.08	0.25	QP
5	0.469	37.53	46.54	-9.01	27.55	9.64	0.08	0.26	Average
6	0.469	43.86	56.54	-12.68	33.88	9.64	0.08	0.26	QP
7	0.598	30.52	46.00	-15.48	20.53	9.64	0.08	0.27	Average
8	0.598	38.51	56.00	-17.49	28.52	9.64	0.08	0.27	QP
9	1.100	28.92	46.00	-17.08	18.87	9.65	0.09	0.31	Average
10	1.100	35.22	56.00	-20.78	25.17	9.65	0.09	0.31	QP
11	18.920	25.30	50.00	-24.70	14.41	9.82	0.50	0.57	Average
12	18.920	30.88	60.00	-29.12	19.99	9.82	0.50	0.57	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	11a	**Test Freq. (MHz)**	5745
Power Phase	Line		

Test by : Joe Liao Temperature: 24°C Humidity: 64%

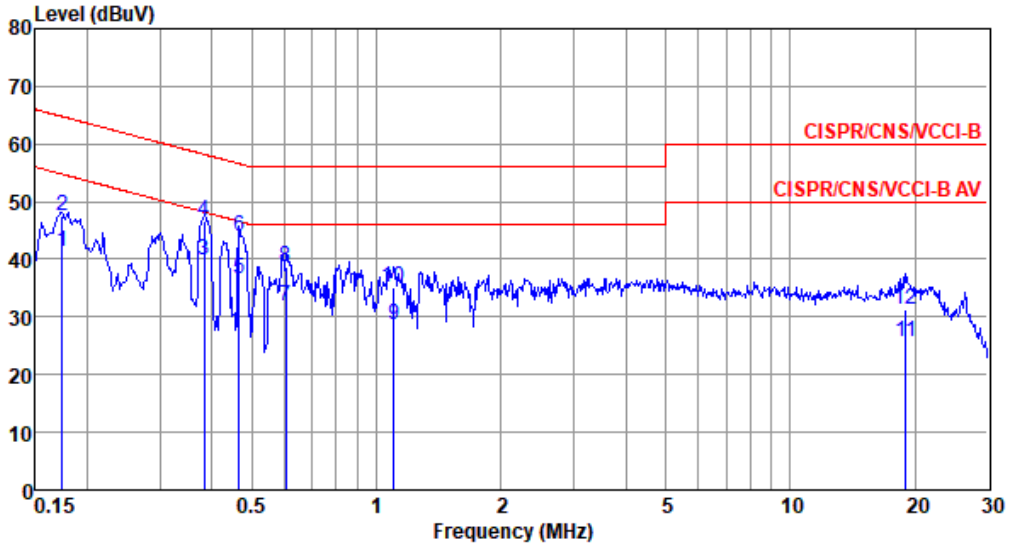


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.171	41.65	54.90	-13.25	31.71	9.65	0.07	0.22	Average
2	0.171	49.11	64.90	-15.79	39.17	9.65	0.07	0.22	QP
3*	0.396	44.38	47.95	-3.57	34.33	9.64	0.08	0.33	Average
4	0.396	46.16	57.95	-11.79	36.11	9.64	0.08	0.33	QP
5	0.471	39.38	46.49	-7.11	29.32	9.64	0.08	0.34	Average
6	0.471	44.24	56.49	-12.25	34.18	9.64	0.08	0.34	QP
7	0.621	28.89	46.00	-17.11	18.83	9.64	0.08	0.34	Average
8	0.621	38.97	56.00	-17.03	28.91	9.64	0.08	0.34	QP
9	1.345	28.79	46.00	-17.21	18.67	9.65	0.10	0.37	Average
10	1.345	38.25	56.00	-17.75	28.13	9.65	0.10	0.37	QP
11	19.122	25.53	50.00	-24.47	14.77	9.68	0.50	0.58	Average
12	19.122	30.83	60.00	-29.17	20.07	9.68	0.50	0.58	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	11a	**Test Freq. (MHz)**	5745
Power Phase	Neutral		

Test by : Joe Liao Temperature: 24°C Humidity: 64%



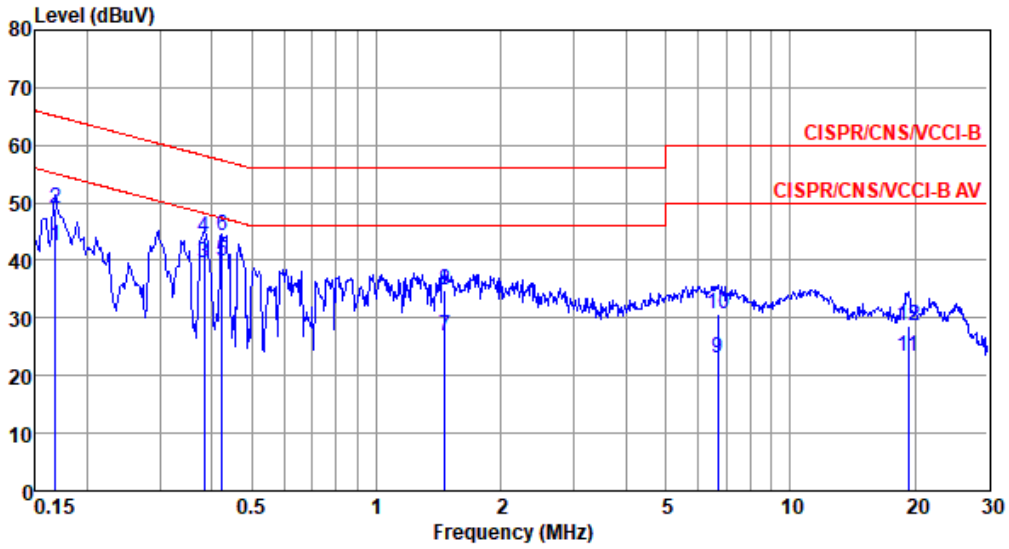
	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.174	41.46	54.77	-13.31	31.59	9.65	0.07	0.15	Average
2	0.174	47.49	64.77	-17.28	37.62	9.65	0.07	0.15	QP
3*	0.383	39.82	48.21	-8.39	29.86	9.64	0.08	0.24	Average
4	0.383	46.72	58.21	-11.49	36.76	9.64	0.08	0.24	QP
5	0.466	36.51	46.58	-10.07	26.53	9.64	0.08	0.26	Average
6	0.466	43.96	56.58	-12.62	33.98	9.64	0.08	0.26	QP
7	0.604	31.81	46.00	-14.19	21.82	9.64	0.08	0.27	Average
8	0.604	38.60	56.00	-17.40	28.61	9.64	0.08	0.27	QP
9	1.100	28.63	46.00	-17.37	18.58	9.65	0.09	0.31	Average
10	1.100	35.22	56.00	-20.78	25.17	9.65	0.09	0.31	QP
11	19.021	25.80	50.00	-24.20	14.91	9.82	0.50	0.57	Average
12	19.021	31.41	60.00	-28.59	20.52	9.82	0.50	0.57	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).

Configuration 2: Model: SDG-8734v

Modulation Mode	be EHT40	Test Freq. (MHz)	5230
Power Phase	Line		

Test by : Joe Liao Temperature: 24°C Humidity: 64%

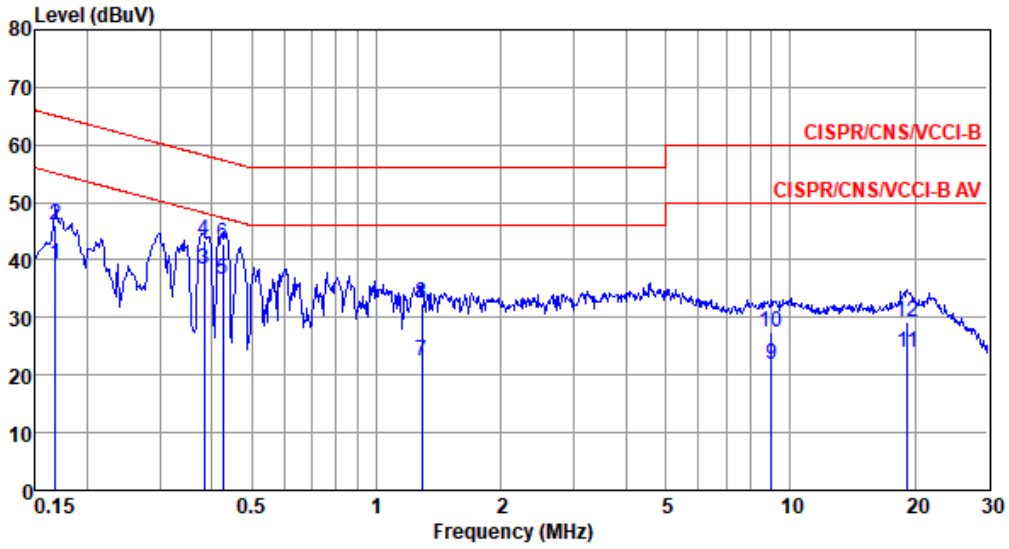


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.168	42.41	55.08	-12.67	32.47	9.65	0.07	0.22	Average
2	0.168	48.89	65.08	-16.19	38.95	9.65	0.07	0.22	QP
3	0.383	39.46	48.21	-8.75	29.42	9.64	0.08	0.32	Average
4	0.383	43.98	58.21	-14.23	33.94	9.64	0.08	0.32	QP
5*	0.424	39.72	47.37	-7.65	29.67	9.64	0.08	0.33	Average
6	0.424	44.37	57.37	-13.00	34.32	9.64	0.08	0.33	QP
7	1.464	26.86	46.00	-19.14	16.73	9.66	0.10	0.37	Average
8	1.464	34.70	56.00	-21.30	24.57	9.66	0.10	0.37	QP
9	6.698	23.15	50.00	-26.85	12.76	9.69	0.27	0.43	Average
10	6.698	30.76	60.00	-29.24	20.37	9.69	0.27	0.43	QP
11	19.326	23.38	50.00	-26.62	12.61	9.68	0.50	0.59	Average
12	19.326	28.59	60.00	-31.41	17.82	9.68	0.50	0.59	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	be EHT40	Test Freq. (MHz)	5230
Power Phase	Neutral		

Test by : Joe Liao Temperature: 24°C Humidity: 64%

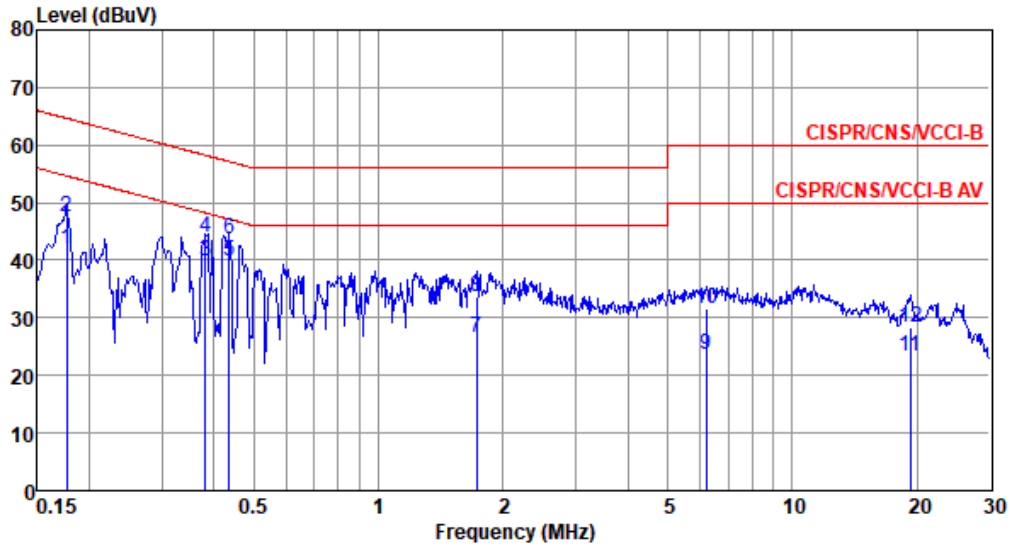


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.168	39.16	55.08	-15.92	29.29	9.66	0.07	0.14	Average
2	0.168	46.05	65.08	-19.03	36.18	9.66	0.07	0.14	QP
3*	0.383	38.42	48.21	-9.79	28.46	9.64	0.08	0.24	Average
4	0.383	43.36	58.21	-14.85	33.40	9.64	0.08	0.24	QP
5	0.426	36.49	47.33	-10.84	26.52	9.64	0.08	0.25	Average
6	0.426	42.83	57.33	-14.50	32.86	9.64	0.08	0.25	QP
7	1.289	22.36	46.00	-23.64	12.30	9.65	0.10	0.31	Average
8	1.289	32.35	56.00	-23.65	22.29	9.65	0.10	0.31	QP
9	9.011	21.78	50.00	-28.22	11.30	9.73	0.33	0.42	Average
10	9.011	27.33	60.00	-32.67	16.85	9.73	0.33	0.42	QP
11	19.224	23.92	50.00	-26.08	13.02	9.82	0.50	0.58	Average
12	19.224	29.18	60.00	-30.82	18.28	9.82	0.50	0.58	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	11a	**Test Freq. (MHz)**	5745
Power Phase	Line		

Test by : Joe Liao Temperature: 24°C Humidity: 64%

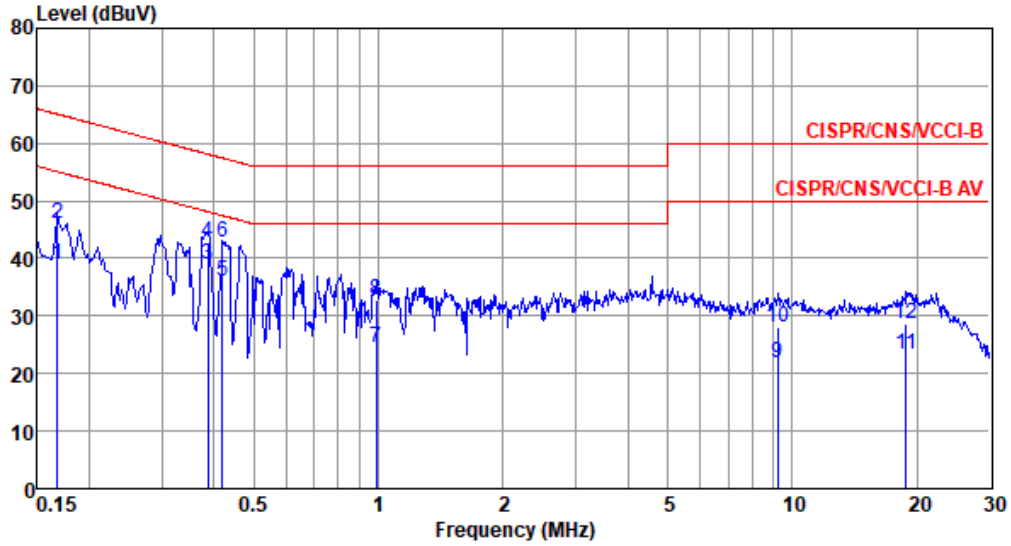


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.177	42.06	54.64	-12.58	32.11	9.65	0.07	0.23	Average
2	0.177	47.57	64.64	-17.07	37.62	9.65	0.07	0.23	QP
3	0.381	39.75	48.25	-8.50	29.71	9.64	0.08	0.32	Average
4	0.381	43.98	58.25	-14.27	33.94	9.64	0.08	0.32	QP
5*	0.435	39.82	47.15	-7.33	29.77	9.64	0.08	0.33	Average
6	0.435	43.78	57.15	-13.37	33.73	9.64	0.08	0.33	QP
7	1.725	26.50	46.00	-19.50	16.35	9.66	0.11	0.38	Average
8	1.725	33.69	56.00	-22.31	23.54	9.66	0.11	0.38	QP
9	6.186	23.71	50.00	-26.29	13.33	9.69	0.26	0.43	Average
10	6.186	31.59	60.00	-28.41	21.21	9.69	0.26	0.43	QP
11	19.326	23.32	50.00	-26.68	12.55	9.68	0.50	0.59	Average
12	19.326	28.34	60.00	-31.66	17.57	9.68	0.50	0.59	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	11a	Test Freq. (MHz)	5745
Power Phase	Neutral		

Test by : Joe Liao Temperature: 24°C Humidity: 64%



	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.168	38.88	55.08	-16.20	29.01	9.66	0.07	0.14	Average
2	0.168	45.91	65.08	-19.17	36.04	9.66	0.07	0.14	QP
3*	0.387	39.03	48.12	-9.09	29.06	9.64	0.08	0.25	Average
4	0.387	42.79	58.12	-15.33	32.82	9.64	0.08	0.25	QP
5	0.419	36.11	47.46	-11.35	26.14	9.64	0.08	0.25	Average
6	0.419	42.72	57.46	-14.74	32.75	9.64	0.08	0.25	QP
7	0.989	24.43	46.00	-21.57	14.39	9.65	0.09	0.30	Average
8	0.989	32.87	56.00	-23.13	22.83	9.65	0.09	0.30	QP
9	9.204	21.87	50.00	-28.13	11.39	9.73	0.33	0.42	Average
10	9.204	28.09	60.00	-31.91	17.61	9.73	0.33	0.42	QP
11	18.820	23.33	50.00	-26.67	12.44	9.82	0.50	0.57	Average
12	18.820	28.49	60.00	-31.51	17.60	9.82	0.50	0.57	QP

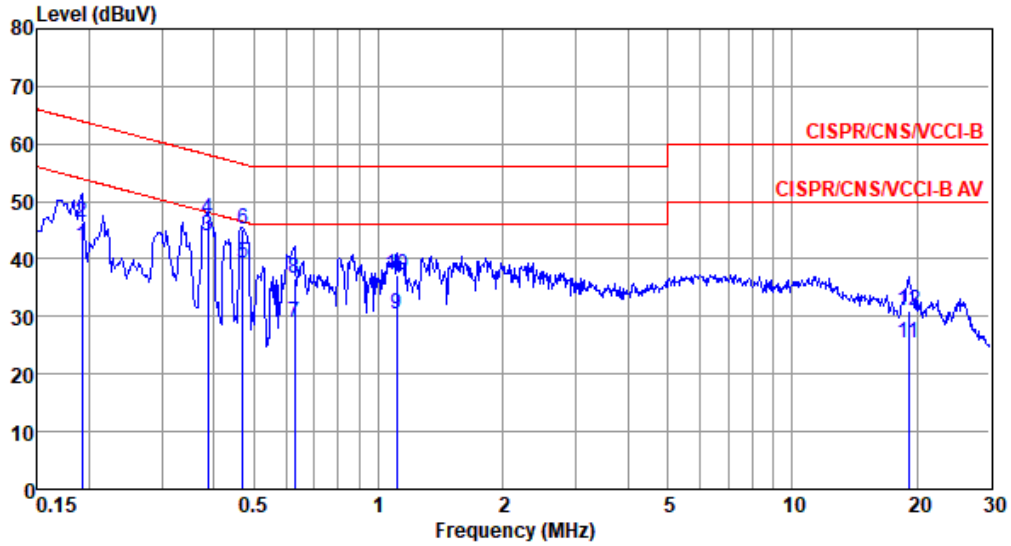
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Beamforming mode

Configuration 1: Model: SDG-8733v

Modulation Mode	be EHT20	Test Freq. (MHz)	5240
Power Phase	Line		

Test by : Joe Liao Temperature: 24°C Humidity: 64%

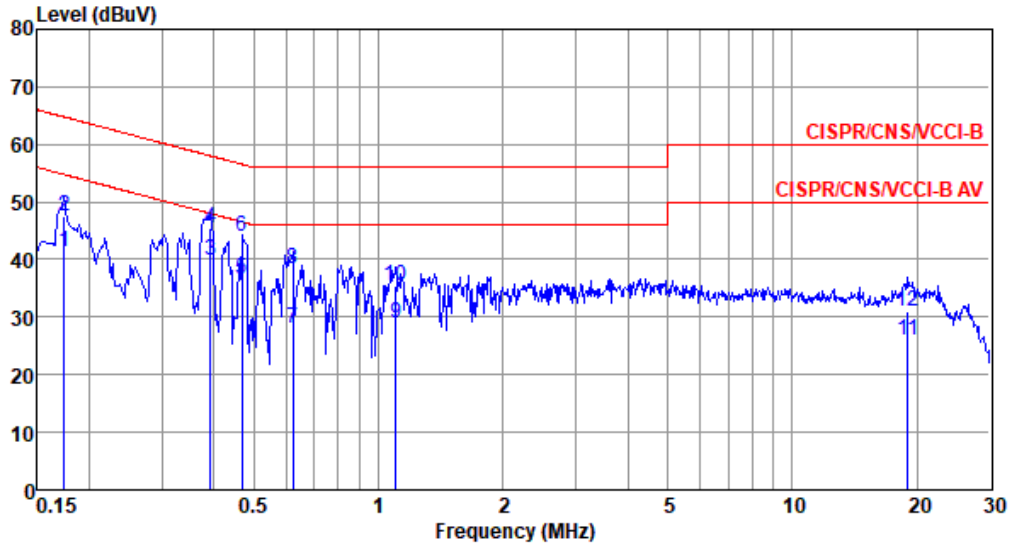


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.192	42.08	53.93	-11.85	32.13	9.65	0.06	0.24	Average
2	0.192	46.47	63.93	-17.46	36.52	9.65	0.06	0.24	QP
3*	0.387	43.92	48.12	-4.20	33.87	9.64	0.08	0.33	Average
4	0.387	46.85	58.12	-11.27	36.80	9.64	0.08	0.33	QP
5	0.471	39.26	46.49	-7.23	29.20	9.64	0.08	0.34	Average
6	0.471	45.28	56.49	-11.21	35.22	9.64	0.08	0.34	QP
7	0.627	28.88	46.00	-17.12	18.82	9.64	0.08	0.34	Average
8	0.627	36.72	56.00	-19.28	26.66	9.64	0.08	0.34	QP
9	1.106	30.29	46.00	-15.71	20.19	9.65	0.09	0.36	Average
10	1.106	37.05	56.00	-18.95	26.95	9.65	0.09	0.36	QP
11	19.122	25.24	50.00	-24.76	14.48	9.68	0.50	0.58	Average
12	19.122	31.10	60.00	-28.90	20.34	9.68	0.50	0.58	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	be EHT20	**Test Freq. (MHz)**	5240
Power Phase	Neutral		

Test by : Joe Liao Temperature: 24°C Humidity: 64%

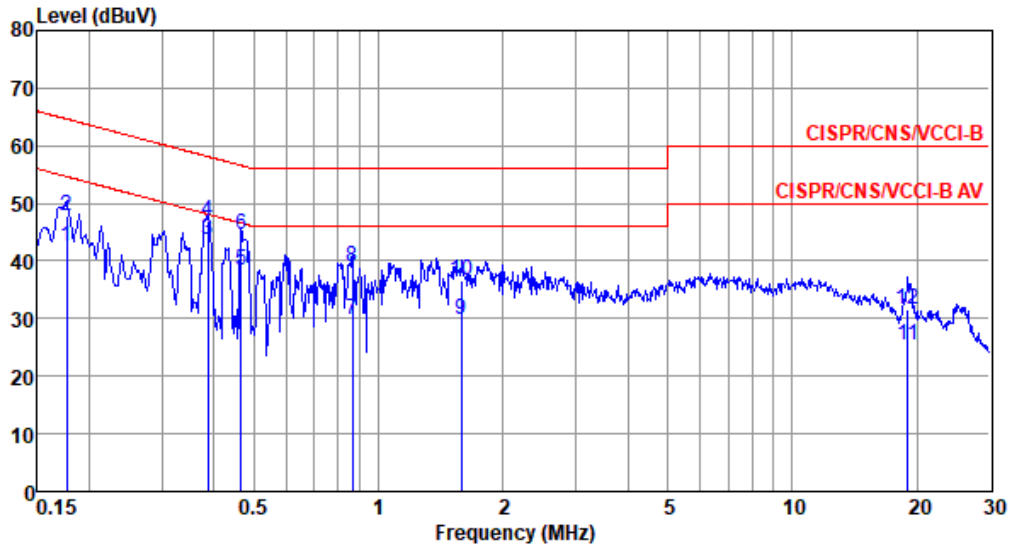


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.174	41.22	54.77	-13.55	31.35	9.65	0.07	0.15	Average
2	0.174	47.51	64.77	-17.26	37.64	9.65	0.07	0.15	QP
3*	0.393	39.78	47.99	-8.21	29.81	9.64	0.08	0.25	Average
4	0.393	45.56	57.99	-12.43	35.59	9.64	0.08	0.25	QP
5	0.469	36.56	46.54	-9.98	26.58	9.64	0.08	0.26	Average
6	0.469	43.85	56.54	-12.69	33.87	9.64	0.08	0.26	QP
7	0.621	27.96	46.00	-18.04	17.97	9.64	0.08	0.27	Average
8	0.621	38.24	56.00	-17.76	28.25	9.64	0.08	0.27	QP
9	1.100	28.97	46.00	-17.03	18.92	9.65	0.09	0.31	Average
10	1.100	35.33	56.00	-20.67	25.28	9.65	0.09	0.31	QP
11	19.021	25.91	50.00	-24.09	15.02	9.82	0.50	0.57	Average
12	19.021	31.05	60.00	-28.95	20.16	9.82	0.50	0.57	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	be EHT20	Test Freq. (MHz)	5745
Power Phase	Line		

Test by : Joe Liao Temperature: 24°C Humidity: 64%

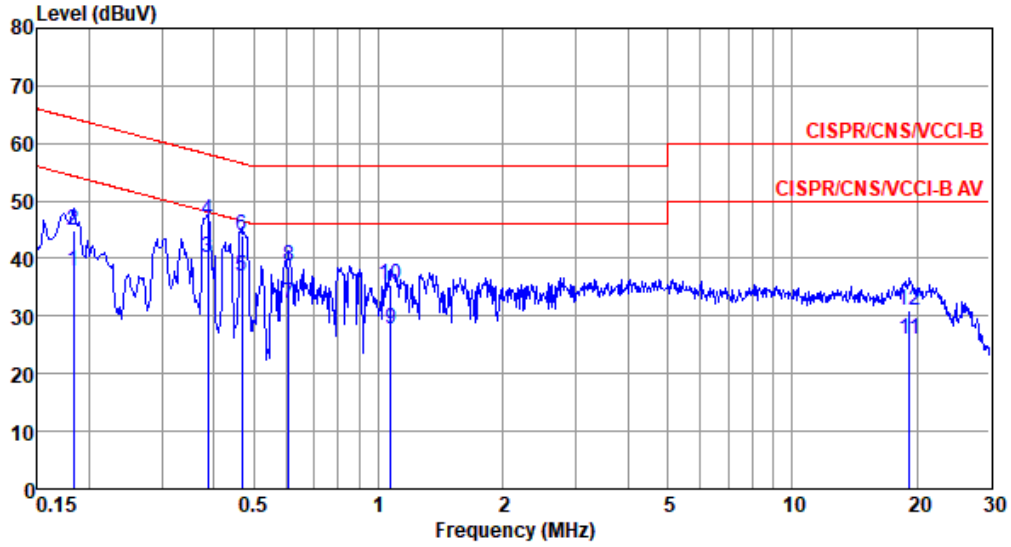


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.177	42.39	54.64	-12.25	32.44	9.65	0.07	0.23	Average
2	0.177	47.94	64.64	-16.70	37.99	9.65	0.07	0.23	QP
3*	0.387	43.76	48.12	-4.36	33.71	9.64	0.08	0.33	Average
4	0.387	46.80	58.12	-11.32	36.75	9.64	0.08	0.33	QP
5	0.466	38.26	46.58	-8.32	28.20	9.64	0.08	0.34	Average
6	0.466	44.50	56.58	-12.08	34.44	9.64	0.08	0.34	QP
7	0.866	29.68	46.00	-16.32	19.58	9.65	0.09	0.36	Average
8	0.866	38.89	56.00	-17.11	28.79	9.65	0.09	0.36	QP
9	1.585	29.93	46.00	-16.07	19.80	9.66	0.10	0.37	Average
10	1.585	36.50	56.00	-19.50	26.37	9.66	0.10	0.37	QP
11	19.021	25.42	50.00	-24.58	14.66	9.68	0.50	0.58	Average
12	19.021	31.60	60.00	-28.40	20.84	9.68	0.50	0.58	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	be EHT20	**Test Freq. (MHz)**	5745
Power Phase	Neutral		

Test by : Joe Liao Temperature: 24°C Humidity: 64%



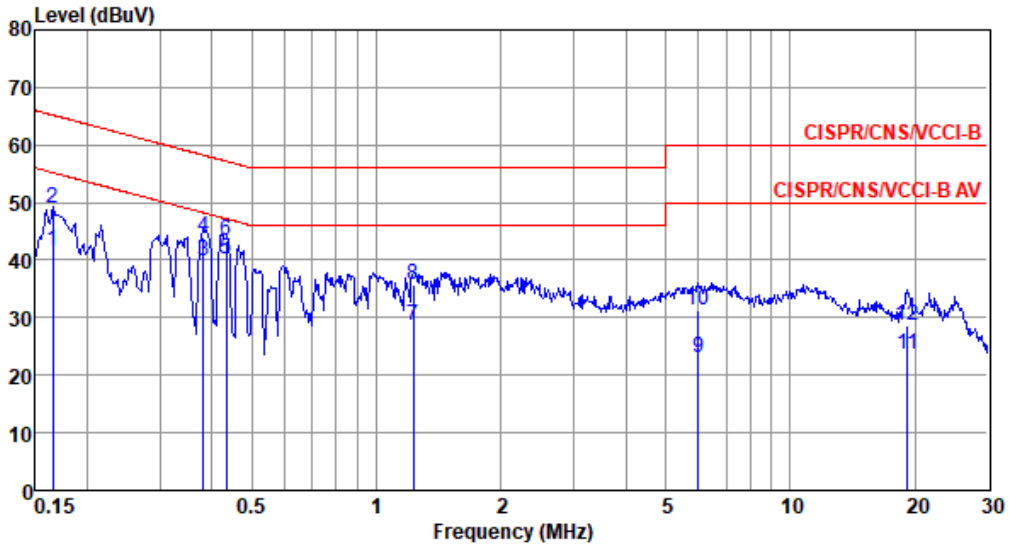
	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.183	37.77	54.33	-16.56	27.89	9.65	0.07	0.16	Average
2	0.183	44.96	64.33	-19.37	35.08	9.65	0.07	0.16	QP
3*	0.387	40.22	48.12	-7.90	30.25	9.64	0.08	0.25	Average
4	0.387	46.51	58.12	-11.61	36.54	9.64	0.08	0.25	QP
5	0.469	37.01	46.54	-9.53	27.03	9.64	0.08	0.26	Average
6	0.469	43.86	56.54	-12.68	33.88	9.64	0.08	0.26	QP
7	0.608	32.29	46.00	-13.71	22.30	9.64	0.08	0.27	Average
8	0.608	38.57	56.00	-17.43	28.58	9.64	0.08	0.27	QP
9	1.071	27.60	46.00	-18.40	17.56	9.65	0.09	0.30	Average
10	1.071	35.28	56.00	-20.72	25.24	9.65	0.09	0.30	QP
11	19.224	25.86	50.00	-24.14	14.96	9.82	0.50	0.58	Average
12	19.224	31.14	60.00	-28.86	20.24	9.82	0.50	0.58	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).

Configuration 2: Model: SDG-8734v

Modulation Mode	be EHT20	Test Freq. (MHz)	5240
Power Phase	Line		

Test by : Joe Liao Temperature: 24°C Humidity: 64%

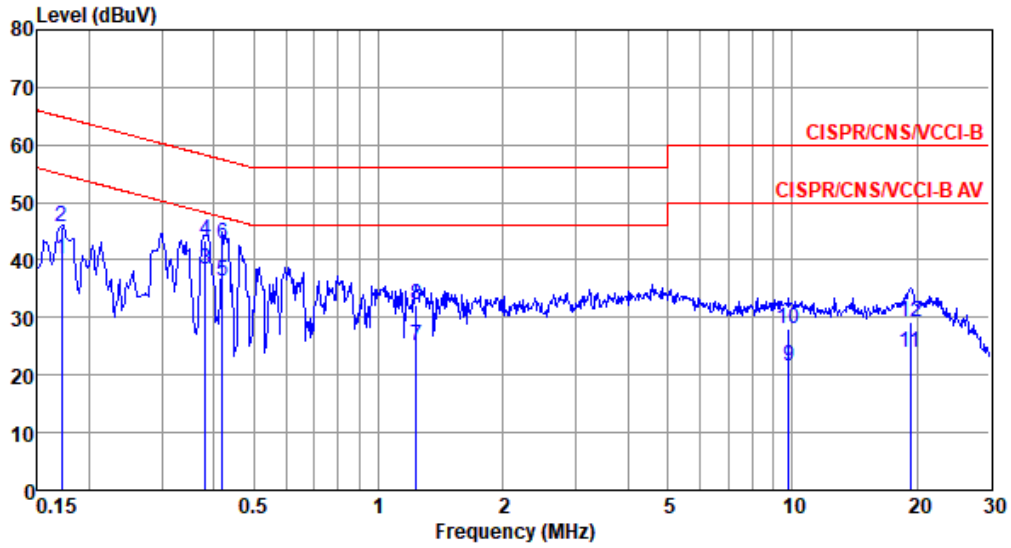


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.165	41.49	55.21	-13.72	31.55	9.65	0.07	0.22	Average
2	0.165	48.98	65.21	-16.23	39.04	9.65	0.07	0.22	QP
3	0.381	39.81	48.25	-8.44	29.77	9.64	0.08	0.32	Average
4	0.381	44.11	58.25	-14.14	34.07	9.64	0.08	0.32	QP
5*	0.433	40.12	47.20	-7.08	30.07	9.64	0.08	0.33	Average
6	0.433	43.43	57.20	-13.77	33.38	9.64	0.08	0.33	QP
7	1.229	28.68	46.00	-17.32	18.56	9.65	0.10	0.37	Average
8	1.229	35.72	56.00	-20.28	25.60	9.65	0.10	0.37	QP
9	5.993	22.98	50.00	-27.02	12.61	9.69	0.25	0.43	Average
10	5.993	31.42	60.00	-28.58	21.05	9.69	0.25	0.43	QP
11	19.224	23.70	50.00	-26.30	12.94	9.68	0.50	0.58	Average
12	19.224	28.65	60.00	-31.35	17.89	9.68	0.50	0.58	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	be EHT20	**Test Freq. (MHz)**	5240
Power Phase	Neutral		

Test by : Joe Liao Temperature: 24°C Humidity: 64%

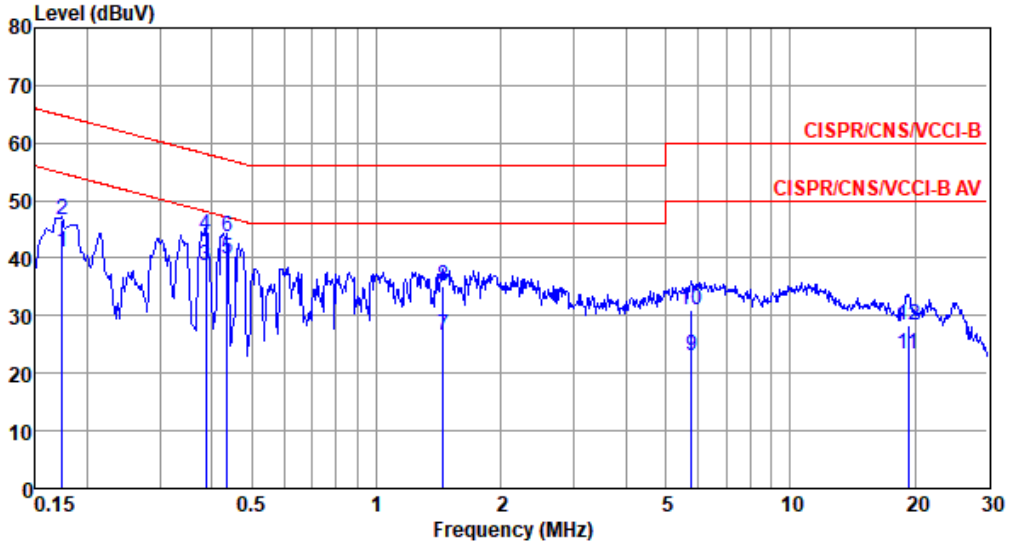


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.171	40.12	54.90	-14.78	30.25	9.66	0.07	0.14	Average
2	0.171	45.75	64.90	-19.15	35.88	9.66	0.07	0.14	QP
3*	0.381	38.41	48.25	-9.84	28.45	9.64	0.08	0.24	Average
4	0.381	43.47	58.25	-14.78	33.51	9.64	0.08	0.24	QP
5	0.419	36.20	47.46	-11.26	26.23	9.64	0.08	0.25	Average
6	0.419	42.78	57.46	-14.68	32.81	9.64	0.08	0.25	QP
7	1.236	25.04	46.00	-20.96	14.98	9.65	0.10	0.31	Average
8	1.236	32.30	56.00	-23.70	22.24	9.65	0.10	0.31	QP
9	9.809	21.59	50.00	-28.41	11.08	9.74	0.35	0.42	Average
10	9.809	27.98	60.00	-32.02	17.47	9.74	0.35	0.42	QP
11	19.326	23.92	50.00	-26.08	13.01	9.83	0.50	0.58	Average
12	19.326	29.24	60.00	-30.76	18.33	9.83	0.50	0.58	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	be EHT20	**Test Freq. (MHz)**	5745
Power Phase	Line		

Test by : Joe Liao Temperature: 24°C Humidity: 64%

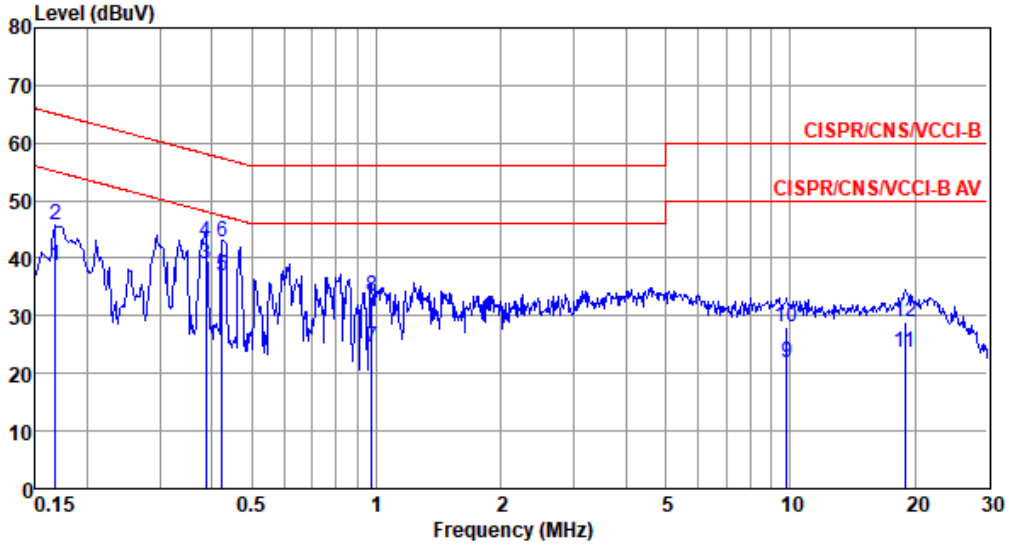


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.174	41.01	54.77	-13.76	31.06	9.65	0.07	0.23	Average
2	0.174	46.78	64.77	-17.99	36.83	9.65	0.07	0.23	QP
3	0.387	38.58	48.12	-9.54	28.53	9.64	0.08	0.33	Average
4	0.387	44.09	58.12	-14.03	34.04	9.64	0.08	0.33	QP
5*	0.435	39.87	47.15	-7.28	29.82	9.64	0.08	0.33	Average
6	0.435	43.71	57.15	-13.44	33.66	9.64	0.08	0.33	QP
7	1.449	26.58	46.00	-19.42	16.45	9.66	0.10	0.37	Average
8	1.449	35.01	56.00	-20.99	24.88	9.66	0.10	0.37	QP
9	5.774	23.06	50.00	-26.94	12.69	9.69	0.25	0.43	Average
10	5.774	30.86	60.00	-29.14	20.49	9.69	0.25	0.43	QP
11	19.326	23.23	50.00	-26.77	12.46	9.68	0.50	0.59	Average
12	19.326	28.46	60.00	-31.54	17.69	9.68	0.50	0.59	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	be EHT20	**Test Freq. (MHz)**	5745
Power Phase	Neutral		

Test by : Joe Liao Temperature: 24°C Humidity: 64%



	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.168	38.78	55.08	-16.30	28.91	9.66	0.07	0.14	Average
2	0.168	45.88	65.08	-19.20	36.01	9.66	0.07	0.14	QP
3*	0.387	38.92	48.12	-9.20	28.95	9.64	0.08	0.25	Average
4	0.387	42.79	58.12	-15.33	32.82	9.64	0.08	0.25	QP
5	0.424	36.83	47.37	-10.54	26.86	9.64	0.08	0.25	Average
6	0.424	42.83	57.37	-14.54	32.86	9.64	0.08	0.25	QP
7	0.974	24.43	46.00	-21.57	14.39	9.65	0.09	0.30	Average
8	0.974	33.41	56.00	-22.59	23.37	9.65	0.09	0.30	QP
9	9.809	21.75	50.00	-28.25	11.24	9.74	0.35	0.42	Average
10	9.809	28.01	60.00	-31.99	17.50	9.74	0.35	0.42	QP
11	18.920	23.65	50.00	-26.35	12.76	9.82	0.50	0.57	Average
12	18.920	28.81	60.00	-31.19	17.92	9.82	0.50	0.57	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).