



FCC PART 15.407

TEST REPORT

For

INGENICO

9 Avenue de la gare - Rovaltain TGV, BP25156, Valence Cedex 9, 26958, France

FCC ID: XKB-DX8WU

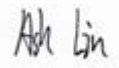
Report Type: Original Report	Product Name: Smart POS Terminal
Report Number:	2607P41361E-RF-05
Report Date:	2026-07-25
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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2607P41361E-RF-05	R1V1	2026-07-25	Initial Release

GENERAL INFORMATION**Product Description for Equipment under Test (EUT)**

Applicant:	INGENICO
Product Name:	Smart POS Terminal
Tested Model:	AXIUM DX8
Multiple Model(s):	N/A
Trade Mark:	ingenico
Power Supply:	DC 5V from Adapter or DC 7.2V from Battery
★Maximum Average Conducted Output Power:	13.86 dBm in 5150-5250 MHz Band 14.00 dBm in 5250-5350 MHz Band 15.38 dBm in 5470-5725 MHz Band 15.43 dBm in 5725-5850 MHz Band
Operating Band/Frequency:	5150-5250MHz: 5180-5240 MHz (802.11a/n ht20/ac vht20) 5190-5230 MHz(802.11n ht40/ac vht40) 5210 MHz(802.11ac vht80) 5250-5350MHz: 5260-5320 MHz (802.11a/n ht20/ac vht20) 5270-5310 MHz(802.11n ht40/ac vht40) 5290 MHz(802.11ac vht80) 5470-5725MHz: 5500-5700 MHz (802.11a/n ht20/ac vht20) 5510-5670 MHz(802.11n ht40/ac vht40) 5530-5610MHz(802.11ac vht80) 5725-5850MHz: 5745-5825 MHz (802.11a/n ht20/ac vht20) 5755-5795 MHz(802.11n ht40/ac vht40) 5775 MHz(802.11ac vht80)
Modulation Technique:	802.11a/n/ac: OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM
Antenna Type:	IFA Antenna
★Maximum Antenna Gain:	5150-5250MHz: 2.69 dBi 5250-5350MHz: 2.69 dBi 5470-5725MHz: 1.76 dBi 5725-5850MHz: -2.02 dBi
Serial Number:	For RF Conducted: 3G1Q-7 For AC Line Conducted Emissions and Radiated Spurious Emissions Below 1GHz test: 3G1Q-6 (Configuration 1#) For Radiated Spurious Emissions Above 1GHz test: 3G1Q-5 (Configuration 1#)
EUT Received Date:	2026-01-12
EUT Received Status:	Good

Note:

1. The Maximum Antenna Gain was declared by manufacturer.
2. The EUT contains a variety of configurations, the difference of the configurations show as below:

Model	Configuration	Configuration Difference	
		2 nd display	scanner
AXIUM DX8	1 (Scanner variant)	×	√
	2 (2 nd display variant)	√	×
	3 (Basic variant)	×	×

Note: Per FCC PART 15B report, test with Adapter 2# & Battery 1# & Screen 3# & Configuration 1# was the worst for AC Line Conducted Emissions, test with Adapter 1# & Battery 6# & Screen 3# & Configuration 1# was the worst for Radiated Spurious Emissions Below 1GHz and test with Adapter 1# & Battery 6# & Screen 1# & Configuration 1# was the worst for Radiated Spurious Emissions Above 1GHz, so only performed it this report.

Adapter Information:

No.	Model	Manufacturer	Parameters
Adapter 1# (KLEC - EU/UK/US)	KL-WD050200U	Xiamen Keli Electronics Co.,Ltd	Input: AC 100-240V, 50/60Hz, 0.5A Output: DC 5.0V, 2.0A, 10.0W
Adapter 2# (KLEC - US)	SW-0983	Xiamen Keli Electronics Co.,Ltd	Input: AC 100-240V, 50/60Hz, 0.5A Output: DC 5.0V, 2.0A
Adapter 3# (Aohai - US)	A319-050200U-US2	Jiangxi Aohai Technology Co.,Ltd	Input: AC 100-240V, 50/60Hz, Max 0.3A Output: DC 5.0V, 2.0A
Adapter 4# (KEYU - EU/UK/US)	KA1602-0502000DEU	Shenzhen Keyu Power Supply Technology Co.,Ltd.	Input: AC 100-240V, 50/60Hz, 0.35A Output: DC 5.0V, 2.0A, 10.0W
Adapter 5# (Ktec - EU/UK/US)	KSA-10Q-050200D5U	KTEC GLOBAL Co., Ltd.	Input: AC 100-240V, 50/60Hz, 0.5A Output: DC 5.0V, 2.0A, 10.0W

Battery Information:

No.	Model	Manufacturer	Specification
Battery 1#	LD18650M	SCUD (Fujian) Electronics Co.,Ltd	DC 7.2V 2600mAh/18.72Wh
Battery 2#	LD18650K	SCUD (Fujian) Electronics Co.,Ltd	DC 7.2V 3400mAh/24.48Wh
Battery 3#	LD18650K-1	SCUD (Fujian) Electronics Co.,Ltd	DC 7.2V 3350mAh/24.12Wh
Battery 4#	LD18650M	Xinyu Ganfeng Electronics Co.,Ltd.	DC 7.2V 2600mAh/18.72Wh
Battery 5#	LD18650K-1	Xinyu Ganfeng Electronics Co.,Ltd.	DC 7.2V 3350mAh/24.12Wh
Battery 6#	LD18650M	Dongguan Veken Battery Co., Ltd.	DC 7.2V 2600mAh/18.72Wh

Screen Information:

No.	Ingenico Model	Manufacturer
Screen 1#	MDT0656A	Shenzhen Great Prospect Optoelectronics Co.,Ltd.
Screen 2#	MDT0656A	Tianma Microelectronics Co., Ltd.
Screen 3#	MDT0656A	GuangDonghongbosheng Optoelectronic Technology Co;Ltd

Objective

This report is prepared on behalf of *INGENICO*. in accordance with Part 2-Subpart J, Part 15-Subparts A and E of the Federal Communication Commission's rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

Test Facility

The test site used by Bay Area Compliance Laboratories Corp. (Xiamen) to collect test data is located on the Unit 102, No. 902 Meifeng South Road, Binhai West Avenue Science and Technology Innovation Park, Torch High Tech Zone Xiamen, People's Republic of China.

Bay Area Compliance Laboratories Corp. (Xiamen) Lab is accredited to ISO/IEC 17025 by A2LA (Certificate Number: 7134.01) and the lab has been recognized as the FCC accredited lab under the KDB 974614 D01, the FCC Designation No. : CN1384.

Measurement Uncertainty

Item		U_{lab}
Conducted Emission	150kHz-30MHz	2.45 dB
Radiated Spurious Emission	9kHz-150kHz	2.82dB
	150kHz-30MHz	2.74dB
	30MHz~1GHz	4.68dB
	1GHz~18GHz	5.00dB
	18GHz~26.5GHz	4.90dB
	26.5GHz~40GHz	4.90dB
Transmitter Conducted Power(Conducted RF power)		0.43 dB
Temperature		1 °C
Humidity		5 %
Supply voltages		1 %

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

SYSTEM TEST CONFIGURATION

Test Mode and Voltage

The system was configured for testing in engineering mode, which provided by manufacturer.	
Test mode:	Test mode 1: Transmitting
Test voltage:	Test mode 1: AC 120V/60Hz
Remark:	During all emission tests, the EUT was configured to measure its highest possible emission level and the worst case's test data was presented in this test report.

Description of Test Configuration

The EUT was configured for testing in an engineering mode which was provided by the manufacturer.

For **5150~5250 MHz** band, test channel list is as below,

802.11a/n20/ac20 mode Channel 36, 40, 48 were tested.

802.11n40/ac40 mode Channel 38, 46 were tested.

802.11ac80 mode Channel 42 were tested.

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
38	5190	46	5230
40	5200	48	5240
42	5210	/	/

For **5250~5350 MHz** band, test channel list is as below,

802.11a/n20/ac20 mode Channel 52, 60, 64 were tested.

802.11n40/ac40 mode Channel 54, 62 were tested.

802.11ac80 mode Channel 58 were tested.

Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300
54	5270	62	5310
56	5280	64	5320
58	5290	/	/

For **5470-5725MHz** band, test channel list is as below,

802.11a/n20/ac20 mode Channel 100, 116, 140 were tested.

802.11n40/ac40 mode Channel 102, 110, 134 were tested.

802.11ac80 mode Channel 106, 122 were tested.

Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	124	5620
102	5510	126	5630
104	5520	128	5640
106	5530	132	5660
108	5540	134	5670
110	5550	136	5680
112	5560	140	5700
116	5580	/	/
118	5590	/	/
120	5600	/	/
122	5610	/	/

For **5725~5850 MHz** band,

802.11a/n20/ac20 mode Channel 149, 157, 165 were tested.

802.11n40/ac40 mode Channel 151, 159 were tested.

802.11ac80 mode Channel 155 were tested.

Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	159	5795
151	5755	161	5805
153	5765	165	5825
155	5775	/	/
157	5785	/	/

Equipment Modifications

No modification was made to the EUT tested.

★EUT Exercise Software

The system was configured for testing in Engineering Mode, which was provided by the manufacturer.

★EUT Exercise Software:		QRCT_4		
5150-5250 MHz Band:				
Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting
802.11a	36	5180	6Mbps	16
	40	5200	6Mbps	15
	48	5240	6Mbps	15
802.11n20	36	5180	MCS0	13
	40	5200	MCS0	15
	48	5240	MCS0	14
802.11n40	38	5190	MCS0	9.5
	46	5230	MCS0	11
802.11ac80	42	5210	MCS0	9
5250-5350 MHz Band:				
Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting
5802.11a	52	5260	6Mbps	14
	60	5300	6Mbps	14
	64	5320	6Mbps	14
802.11n20	52	5260	MCS0	14
	60	5300	MCS0	14
	64	5320	MCS0	16
802.11n40	54	5270	MCS0	11
	62	5310	MCS0	9
	62	5310	MCS0	11
802.11ac80	58	5290	MCS0	9

5470-5725 MHz Band:				
Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting
802.11a	100	5500	6Mbps	12
	116	5580	6Mbps	12
	140	5700	6Mbps	16
802.11n20	100	5500	MCS0	12
	116	5580	MCS0	12
	140	5700	MCS0	16
802.11n40	102	5510	MCS0	8.5
	110	5550	MCS0	9
	134	5670	MCS0	10
802.11ac80	106	5530	MCS0	8
	122	5610	MCS0	11
5725-5850 MHz Band:				
Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting
802.11a	149	5745	6Mbps	16
	157	5785	6Mbps	16
	165	5825	6Mbps	16
802.11n20	149	5745	MCS0	16
	157	5785	MCS0	16
	165	5825	MCS0	17
802.11n40	151	5755	MCS0	11
	159	5795	MCS0	11.5
802.11ac80	155	5775	MCS0	11

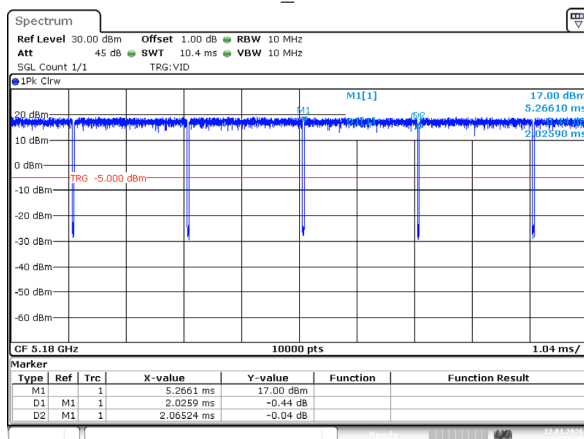
Note: The system support 802.11a/n20/n40/ac20/ac40/ac80, the ac20/ac40 was reduced since the identical parameters with 802.11n20/n40.

Duty Cycle

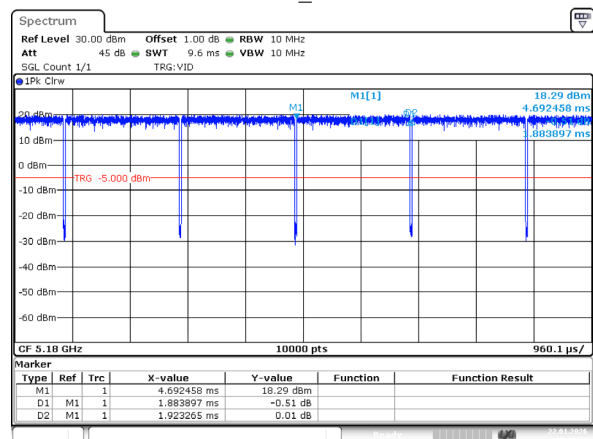
Test Mode:		Transmitting		Test Engineer:		Braylon Ma	
Test Date:		2026-01-22		Environment:		Temp.: 21.3°C Humi.: 41% Atm :100.2kPa	
Test Result:		Compliance					
Modes	Ton (ms)	Ton+off (ms)	Duty Cycle (%)	1/T (Hz)	Duty Factor (dB)	VBW Setting (kHz)	
802.11a	2.026	2.065	98.11	/	/	0.01	
802.11nt20	1.884	1.923	97.97	531	0.09	1.00	
802.11n40	0.927	0.964	96.16	1079	0.17	2.00	
802.11ac80	0.456	0.492	92.68	2193	0.33	3.00	

5150-5250MHz

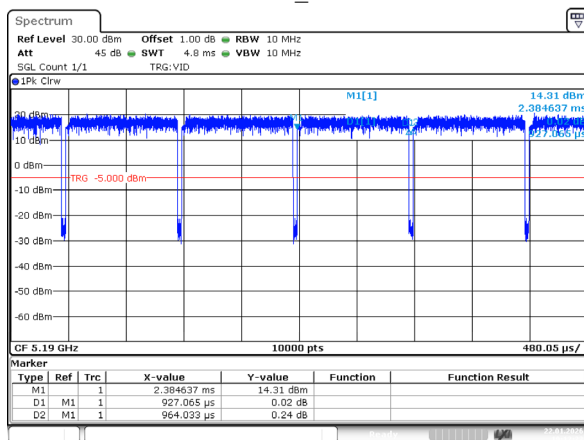
802.11a_5180MHz



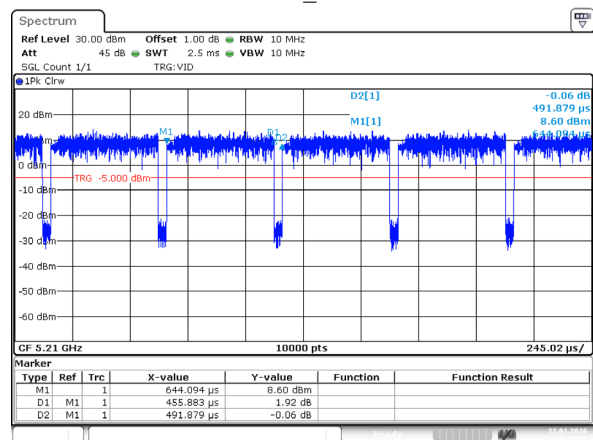
802.11n20_5180MHz



802.11n40_5190MHz



802.11ac80_5210MHz



Support Equipment List and Details

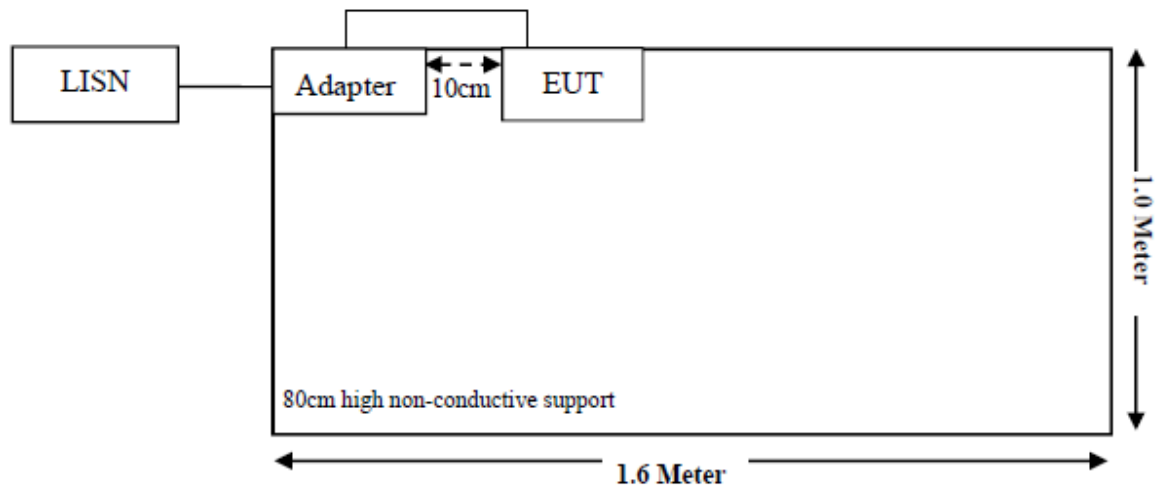
Manufacturer	Description	Model	Serial Number
/	/	/	/

External I/O Cable

Cable Description	Length (m)	From Port	To
/	/	/	/

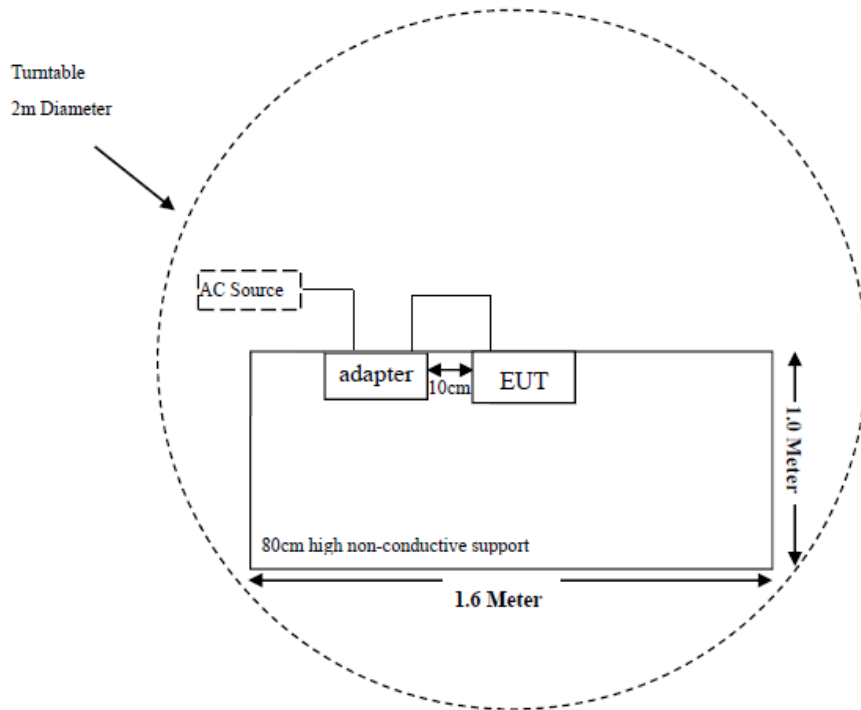
Block Diagram of Test Setup

Conducted Emission:

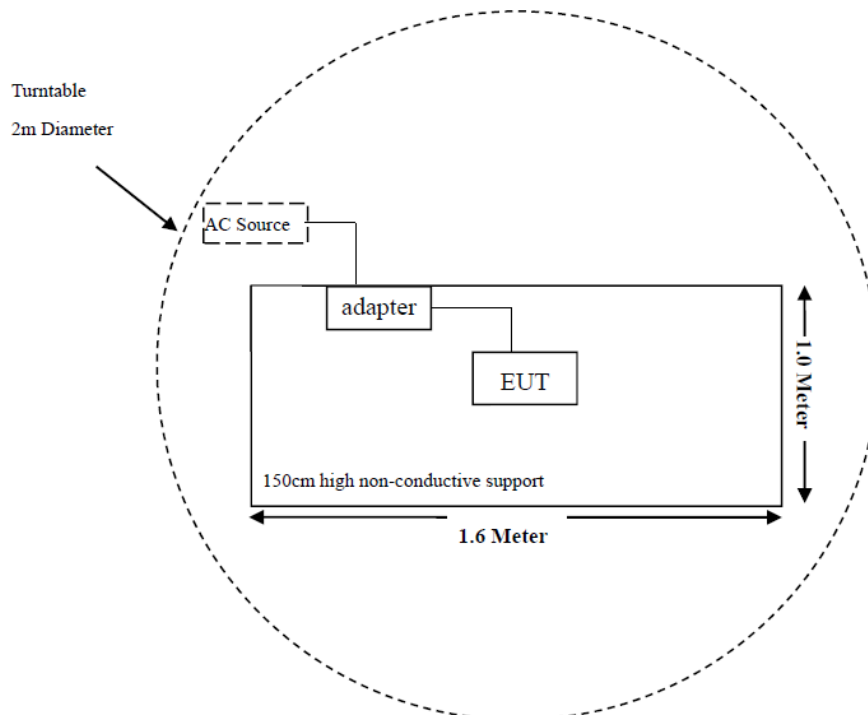


Radiated Spurious Emission:

Below 1GHz



Above 1GHz:



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result	Remark
FCC §15.203	Antenna Requirement	Compliance	-
FCC §15.207 (a) FCC §15.407(b) (8)	AC Line Conducted Emissions	Compliance	-
FCC §15.205 FCC §15.209 FCC §15.407(b)	Radiated Emissions & Restricted Bands Emissions	Compliance	-
FCC §15.407 (a) FCC §15.407 (e)	Occupied Bandwidth & Emission Bandwidth	-	please refer to report SZCR250500182005* page 172-235
FCC §15.407(a) (3)	Maximum Conducted Output Power	Reporting	please refer to report SZCR260300101302* page 80-81
FCC §15.407(h) (2)	Dynamic Frequency Selection(DFS)	-	please refer to report SZCR250500182005* page 287-290
FCC §15.407(a) (3)	Power Spectral Density	-	please refer to report SZCR250500182005* page 238-269

Note: The device built in a certified module, model: ING-A01-1-WU, FCC ID: XKB-INGA01WU, per spot check, the RF parameters are identical with the original module report, therefore, the RF conducted test items please refer to the module FCC report: SZCR260300101302* & SZCR250500182005*, which was issued by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch (according to KDB 996369 D02 Module Q&A v02r02, Answer 1 b))

The Bay Area Compliance Laboratories Corp.(Xiamen) is responsible for all the information provided in this report, except when information is provided by the customer as identified in this report.

TEST EQUIPMENT LIST

Test Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emissions					
EMI Test Receiver	Rohde & Schwarz	ESR	103105	2026/1/21	2027/1/20
LISN	Rohde & Schwarz	ENV216	100129	2026/1/21	2027/1/20
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	0357.8810.54	2026/1/21	2027/1/20
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC001	2026/1/20	2027/1/19
EMI Test software	Audix	E3	18621a	N/A	N/A
Radiated Emissions Below 1GHz					
EMI Test Receiver	Rohde & Schwarz	ESR	103103	2026/1/21	2027/1/20
Loop Antenna	Rohde & Schwarz	HFH2-Z2	830749/001	2023/7/27	2026/7/26
Antenna	Sunol Sciences	JB6	A122022-5	2023/7/27	2026/7/26
Amplifier	Sonoma	310B	120903	2026/1/22	2027/1/21
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC002	2026/1/20	2027/1/19
Coaxial Cable	XINHANGWEIBO	XH460B-N-2M	CC006	2026/1/20	2027/1/19
Coaxial Cable	XINHANGWEIBO	XH460B-N-12M	CC007	2026/1/20	2027/1/19
Coaxial Cable	XINHANGWEIBO	HFH2-CC	335.3609	2026/1/20	2027/1/19
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emissions Above 1 GHz					
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102051	2026/1/21	2027/1/20
Filter Switch Unit	Decentest	DT7220FSU	DS79904	2026/1/20	2027/1/19
Multiplex Switch Test Control Set	Decentest	DT7220SCU	DS79901	2026/1/20	2027/1/19
Horn Antenna	EMCO	3115	9002-3355	2024/11/19	2027/11/18
Preamplifier	GLOBAL	1313-A100M18G	4121301	2026/1/14	2027/1/13
Coaxial Cable	XINHANGWEIBO	XH800A-N-6M	CC003	2026/1/20	2027/1/19
Coaxial Cable	XINHANGWEIBO	XH800A-N-1M	CC005	2026/1/20	2027/1/19
Horn Antenna	EMCO	3116	9407-2232	2023/7/31	2026/7/30
Preamplifier	A.H.Systems	PAM-1840	200	2026/1/20	2027/1/19
Coaxial Cable	XINHANGWEIBO	XH360A-2.92-3M	CC008	2026/1/20	2027/1/19
Coaxial Cable	XINHANGWEIBO	XH360A-2.92-1M	CC009	2026/1/20	2027/1/19
Test Software	Audix	E3	18621a	N/A	N/A
RF Conducted Test					
USB Wideband Power Sensor	Boonton	55318	8934	2025/9/8	2026/9/7
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102051	2026/1/21	2027/1/20
Test Software	JD	JDAutoTestSystem	1.0.0.3813	N/A	N/A

* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Xiamen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC §15.203 & RSS-Gen Clause 6.8 - ANTENNA REQUIREMENT**Applicable Standard**

According to FCC §15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

- a. Antenna must be permanently attached to the unit.
- b. Antenna must use a unique type of connector to attach to the EUT.
- c. Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.247 (b), if the transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction

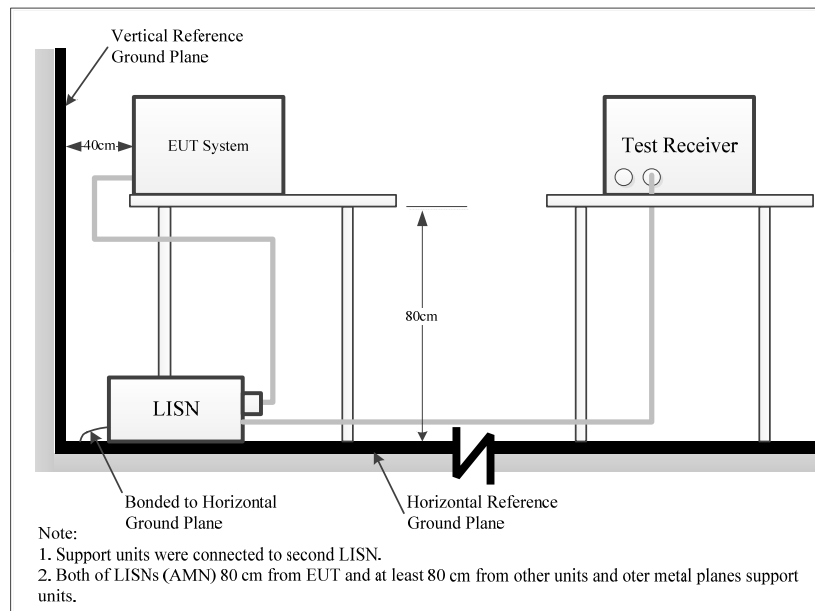
The EUT has one IFA antenna arrangement for 5G Wi-Fi and antenna gain information as below table which was permanently attached, fulfill the requirement of this section. Please refer to the EUT photos.

Antenna Frequency Range (MHz)	Antenna Gain (dBi)	Input impedance
5150-5250	2.69	50Ω
5250-5350	2.69	
5470-5725	1.76	
5725-5850	-2.02	

Result: Compliance

FCC § 15.207 (a), §15.407 (b) (8) – AC LINE CONDUCTED EMISSIONS**Applicable Standard**

FCC §15.207(a), §15.407(b) (8)

EUT Setup

The setup of EUT is according with per ANSI C63.10-2020 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

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

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

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

Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All final data was recorded in the Quasi-peak and average detection mode.

Result & Margin Calculation

The result is calculated by adding LISN VDF (Voltage Division Factor), Cable Loss and Transient Limiter Attenuation from the Meter Reading. The basic equation is as follows:

$$\begin{aligned}\text{Factor (dB)} &= \text{LISN VDF (dB)} + \text{Cable Loss (dB)} + \text{Transient Limiter Attenuation (dB)} \\ \text{Result (dB}\mu\text{V)} &= \text{Reading (dB}\mu\text{V)} + \text{Factor (dB)}\end{aligned}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin (dB)} = \text{Limit (dB}\mu\text{V)} - \text{Result (dB}\mu\text{V)}$$

Test Data

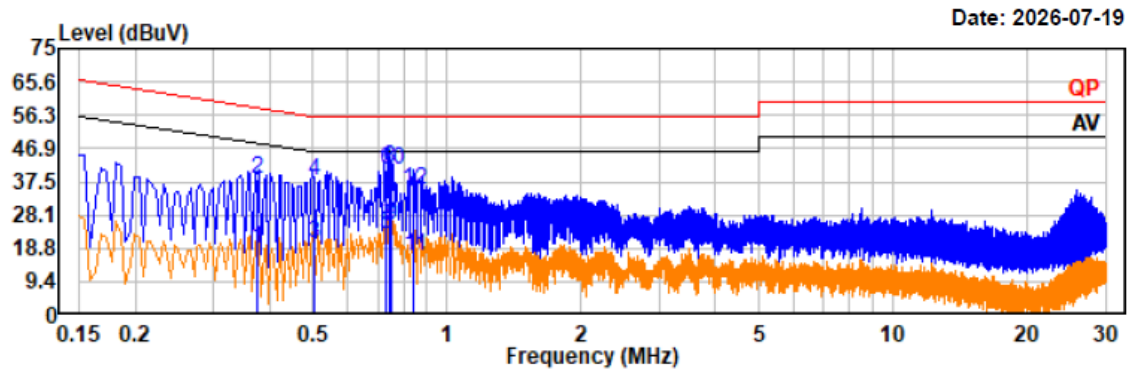
Temperature:	22.3 °C
Relative Humidity:	58 %
ATM Pressure:	100.1 kPa
Test Date:	2026-07-19
Test Engineer:	Wlif Wu

Note: The maximum output power mode: WiFi 802.11a 5745MHz was tested.

Configuration 1#(Scanner variant)

Project No.: 2607P41361E-RF
 Test Mode: 802.11a 5745MHz
 EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz



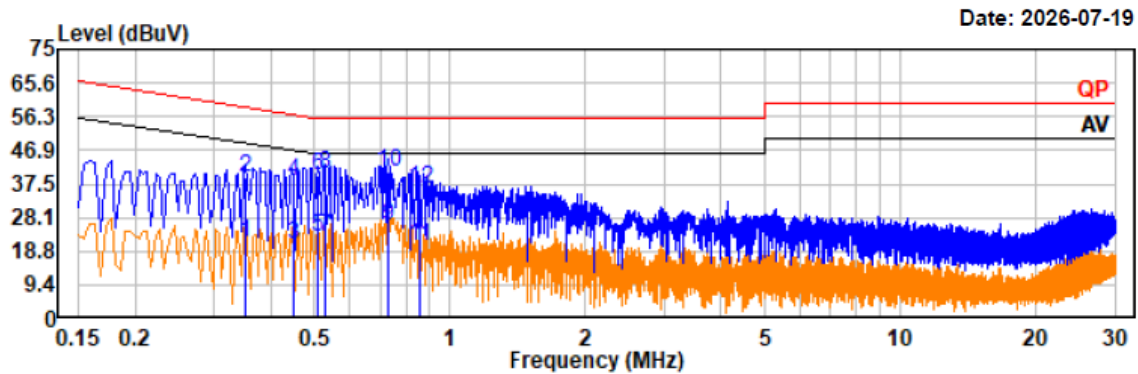
Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.377	-2.22	20.61	18.39	48.36	29.97	Line	Average
0.377	17.47	20.61	38.08	58.36	20.28	Line	QP
0.504	-0.18	20.58	20.40	46.00	25.60	Line	Average
0.504	17.26	20.58	37.84	56.00	18.16	Line	QP
0.727	2.27	20.56	22.83	46.00	23.17	Line	Average
0.727	20.22	20.56	40.78	56.00	15.22	Line	QP
0.746	4.30	20.56	24.86	46.00	21.14	Line	Average
0.746	20.63	20.56	41.19	56.00	14.81	Line	QP
0.751	4.59	20.57	25.16	46.00	20.84	Line	Average
0.751	20.30	20.57	40.87	56.00	15.13	Line	QP
0.845	-3.82	20.58	16.76	46.00	29.24	Line	Average
0.845	14.36	20.58	34.94	56.00	21.06	Line	QP

Project No.: 2607P41361E-RF
 Test Mode: 802.11a 5745MHz
 EUT Model: AXIUM DX8

Temp/Humi/ATM: 22.3°C/58%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz



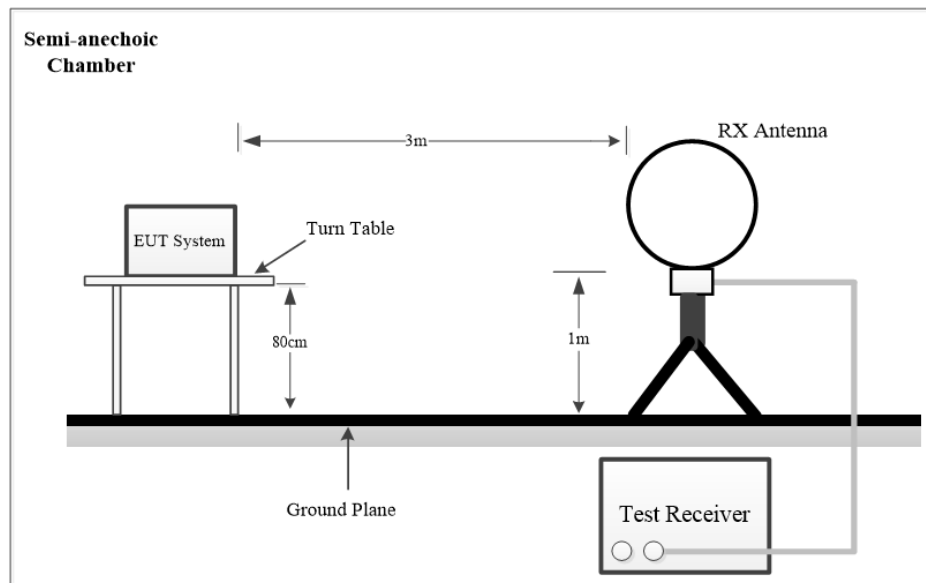
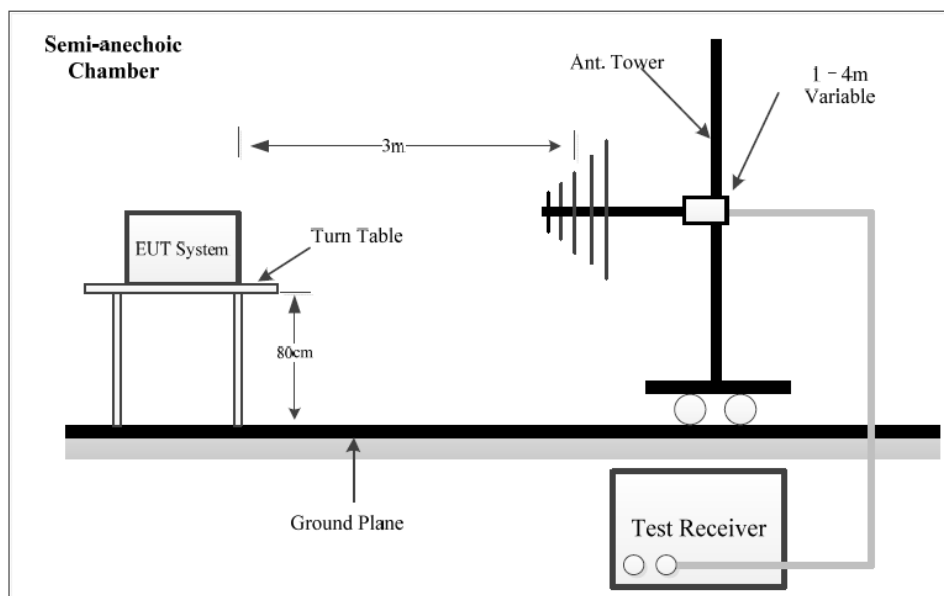
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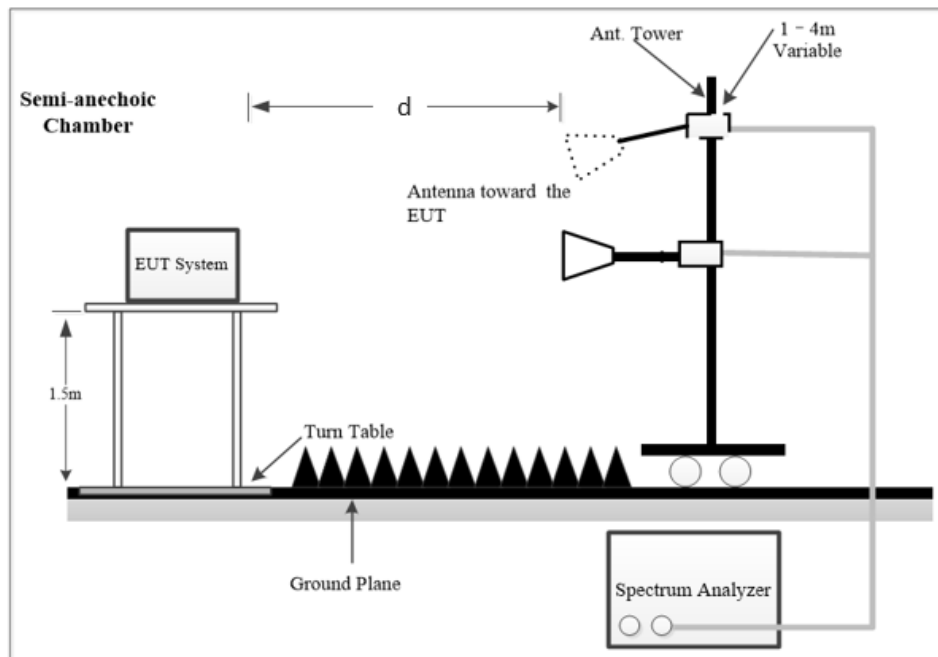
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.351	0.50	20.62	21.12	48.93	27.81	Neutral	Average
0.351	18.55	20.62	39.17	58.93	19.76	Neutral	QP
0.450	0.08	20.60	20.68	46.88	26.20	Neutral	Average
0.450	17.71	20.60	38.31	56.88	18.57	Neutral	QP
0.508	2.04	20.58	22.62	46.00	23.38	Neutral	Average
0.508	19.01	20.58	39.59	56.00	16.41	Neutral	QP
0.531	2.18	20.57	22.75	46.00	23.25	Neutral	Average
0.531	19.55	20.57	40.12	56.00	15.88	Neutral	QP
0.730	5.16	20.56	25.72	46.00	20.28	Neutral	Average
0.730	20.06	20.56	40.62	56.00	15.38	Neutral	QP
0.854	-0.29	20.58	20.29	46.00	25.71	Neutral	Average
0.854	15.69	20.58	36.27	56.00	19.73	Neutral	QP

FCC §15.205, §15.209, §15.407(b) - SPURIOUS EMISSIONS**Applicable Standard**

FCC §15.205; §15.209; §15.407(b)

EUT Setup**9 kHz-30MHz****Below 1 GHz:**

Above 1GHz:

The radiated emission tests using the setup accordance with the ANSI C63.10-2020. The specification used was the FCC 15.209, FCC 15.407 limits.

NOTE: d is testing distance;

For Radiated Emission test (1GHz-18GHz) and Bandedge Emission test, which was performed at 3 m distance.

For Radiated Emission test (18GHz-40GHz), which was performed at 1.5 m distance, according to ANSI C63.10-2020 the test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1.5m.

Distance extrapolation Factor = $20 \log (\text{specific distance [3m]}/\text{test distance [1.5m]})$ dB = 6 dB

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 40 GHz.

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

Below 1GHz:

Frequency Range	RBW	VBW	Measurement
9 kHz – 150 kHz	300Hz	1 kHz	PK
	200Hz	/	QP
150 kHz – 30 MHz	10 kHz	30 kHz	PK
	9kHz	/	QP
30 MHz – 1000 MHz	100 kHz	300 kHz	PK
	120kHz	/	QP

Above 1GHz:**Pre-scan:**

Duty Cycle	RBW	VBW	Measurement	Detector
Any	1MHz	3MHz	PK	PK
>98%	1MHz	5kHz	AV	PK
<98%	1MHz	1/T, not less than 5kHz	AV	PK

Final measurement for emission identified during the pre-scan:

Duty Cycle	RBW	VBW	Measurement	Detector
Any	1MHz	3MHz	PK	PK
>98%	1MHz	10Hz	AV	PK
<98%	1MHz	1/T	AV	PK

Note: T is minimum transmission duration

Test Procedure**Radiated Emissions:**

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

For each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable. The report shall list the six emissions with the smallest margin relative to the limit, for each of the three antenna orientations (parallel, perpendicular, and ground parallel) unless the margin is greater than 20 dB, then the following statement shall be made: “all emissions were greater than 20 dB below the limit.”

Below 1GHz, if the measured peak level of the emissions that the measuring receiver reading level plus corrected factor is at least 6 dB below the QP emission limit, there's no need to record the measured QP level of the emissions in the report.

Above 1GHz, if the measured peak level of the emissions that the measuring receiver reading level plus corrected factor is below the AV emission limit, there's no need to record the measured AV level of the emissions in the report.

Result & Margin Calculation

The Result is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

For 9 kHz to 18GHz Radiated emission test and Bandedge emissions test

$$\text{Factor (dB/m)} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} - \text{Amplifier Gain (dB)}$$

For 18GHz to 25GHz Radiated emission test $\text{Factor (dB/m)} = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} - \text{Amplifier Gain (dB)} - \text{Extrapolation factor (dB)}$

$$\text{Extrapolation factor} = 6\text{dB (distance} = 1.5\text{m)}$$

$$\text{Result (dB}\mu\text{V/m)} = \text{Reading (dB}\mu\text{V)} + \text{Factor (dB/m)}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin (dB)} = \text{Limit (dB}\mu\text{V/m)} - \text{Result (dB}\mu\text{V/m)}$$

Test Data

Please refer to the below table and plots.

Frequency Range:	Below 1 GHz	Above 1 GHz
Temperature:	22.1°C	22.1~23.4°C
Relative Humidity:	52 %	52~62%
ATM Pressure:	100.1kPa	100.1kPa
Test Date:	2026-06-11	2026-06-11~2026-06-26
Test Engineer:	Wlif Wu	Wlif Wu

Note: Pre-scan in the X, Y and Z axes of orientation, the worst case Z-axis of orientation was recorded.

1) 9 kHz~30MHz

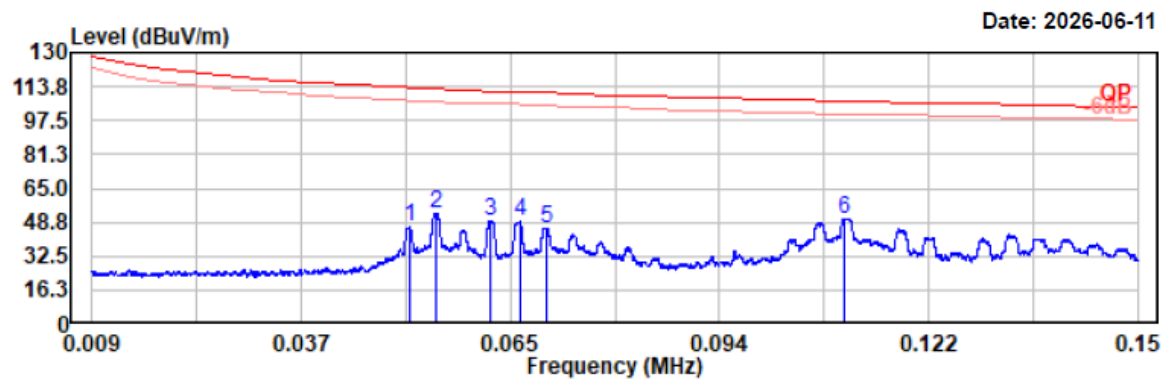
Pre-scan in parallel, ground-parallel and perpendicular of orientation of loop antenna, parallel is worst case.

Note: The maximum output power mode was tested: WiFi 802.11a 5745MHz was tested.

Configuration 1#(Scanner variant)

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5745MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

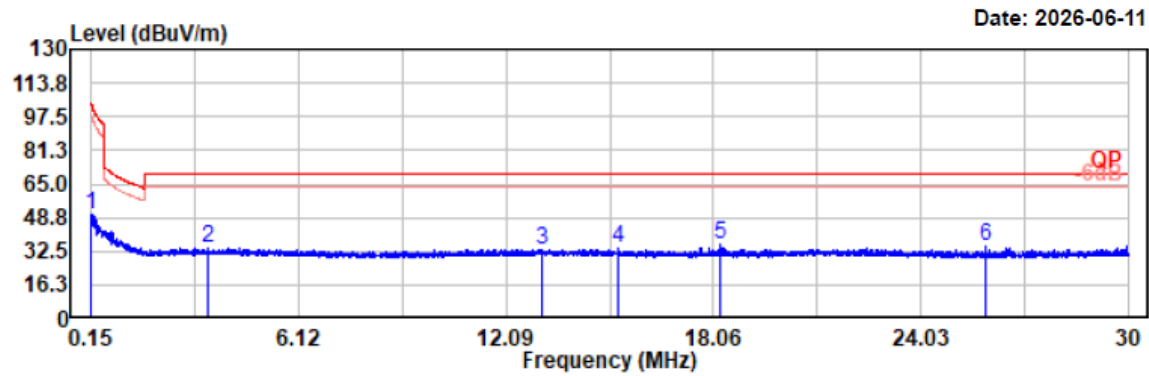


Condition: PK RBW:300Hz VBW:1kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.052	26.80	19.91	46.71	113.32	66.61	Peak
0.056	32.90	19.91	52.81	112.72	59.91	Peak
0.063	29.35	19.88	49.23	111.66	62.43	Peak
0.067	29.08	19.84	48.92	111.12	62.20	Peak
0.070	26.28	19.81	46.09	110.67	64.58	Peak
0.110	30.87	19.73	50.60	106.75	56.15	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5745MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:10kHz VBW:30kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.162	30.92	19.72	50.64	103.42	52.78	Peak
3.484	14.32	19.80	34.12	69.54	35.42	Peak
13.141	13.87	19.74	33.61	69.54	35.93	Peak
15.332	14.40	19.78	34.18	69.54	35.36	Peak
18.245	15.47	19.97	35.44	69.54	34.10	Peak
25.878	14.70	20.17	34.87	69.54	34.67	Peak

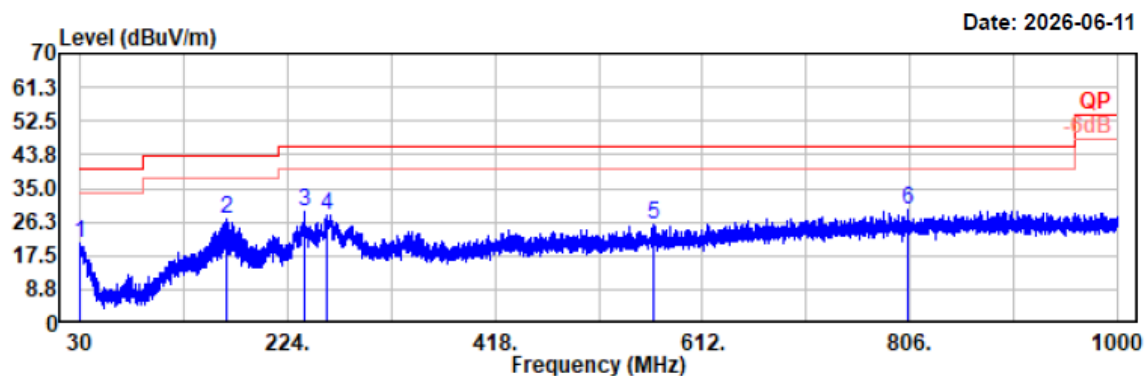
2) 30MHz -1GHz

Note: The maximum output power mode was tested: WiFi 802.11a 5745MHz was tested.

Configuration 1#(Scanner variant)

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5745MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

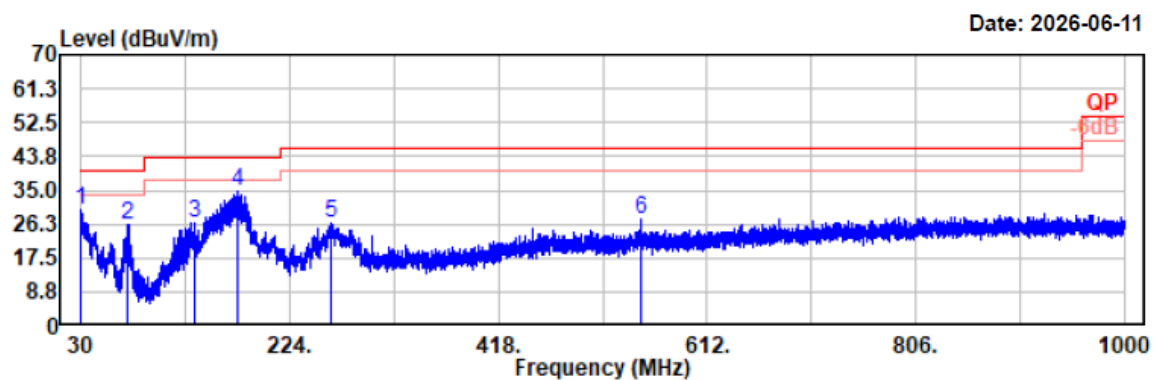


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.00	26.53	-5.58	20.95	40.00	19.05	Horizontal	Peak
166.29	38.84	-11.70	27.14	43.50	16.36	Horizontal	Peak
239.91	40.62	-11.74	28.88	46.00	17.12	Horizontal	Peak
260.47	39.20	-11.01	28.19	46.00	17.81	Horizontal	Peak
566.02	27.84	-2.44	25.40	46.00	20.60	Horizontal	Peak
804.25	27.92	1.30	29.22	46.00	16.78	Horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5745MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.10	35.38	-5.61	29.77	40.00	10.23	Vertical	Peak
73.07	43.16	-17.01	26.15	40.00	13.85	Vertical	Peak
135.25	36.99	-10.30	26.69	43.50	16.81	Vertical	Peak
176.18	46.66	-12.12	34.54	43.50	8.96	Vertical	Peak
262.22	37.51	-10.76	26.75	46.00	19.25	Vertical	Peak
550.02	30.47	-2.73	27.74	46.00	18.26	Vertical	Peak

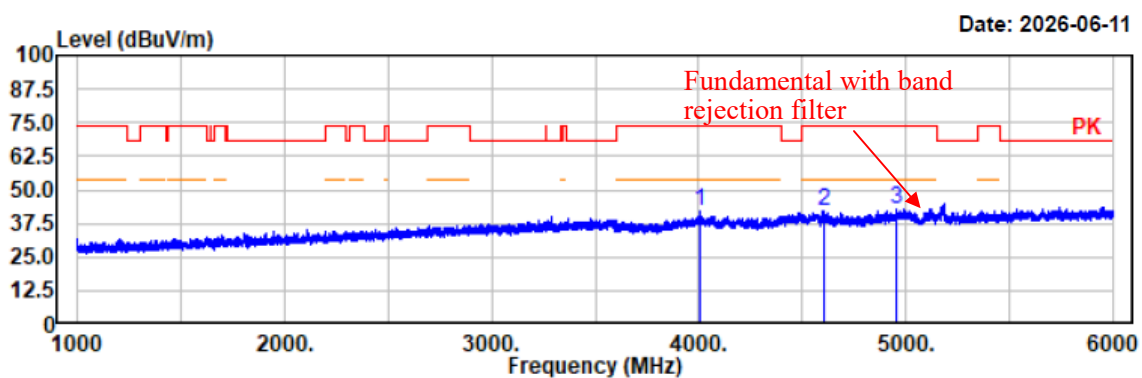
3) 1GHz~6GHz

Configuration 1#(Scanner variant)

Band 1:

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5180MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

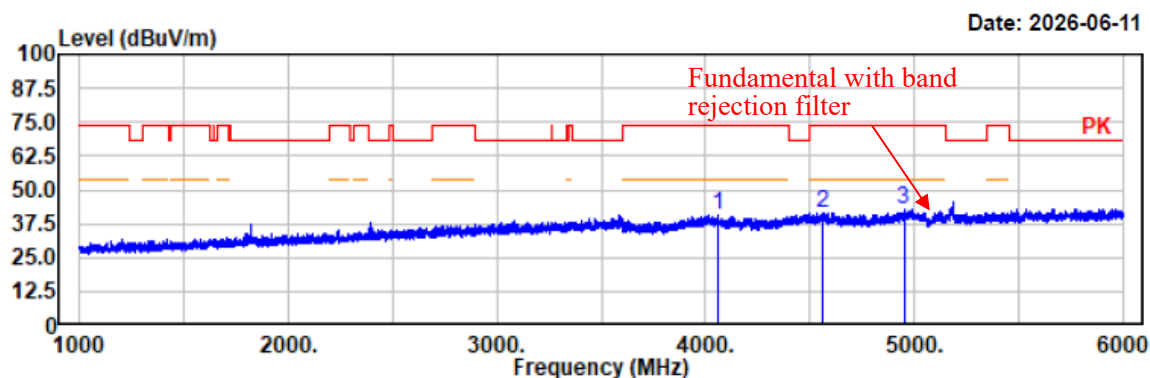


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4010.00	48.37	-6.52	41.85	74.00	32.15	horizontal	Peak
4605.50	47.30	-5.29	42.01	74.00	31.99	horizontal	Peak
4956.50	48.16	-5.10	43.06	74.00	30.94	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5180MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

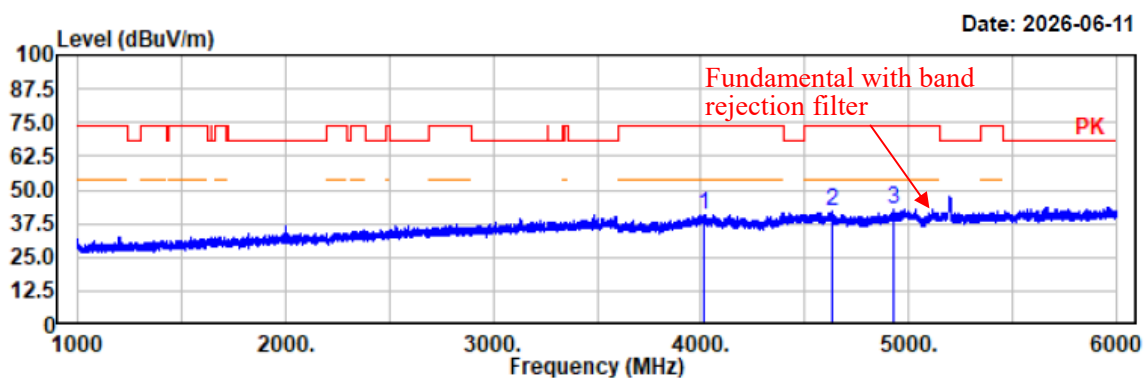


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4061.50	47.11	-6.40	40.71	74.00	33.29	vertical	Peak
4563.00	46.95	-5.34	41.61	74.00	32.39	vertical	Peak
4950.00	47.56	-5.12	42.44	74.00	31.56	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5200MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

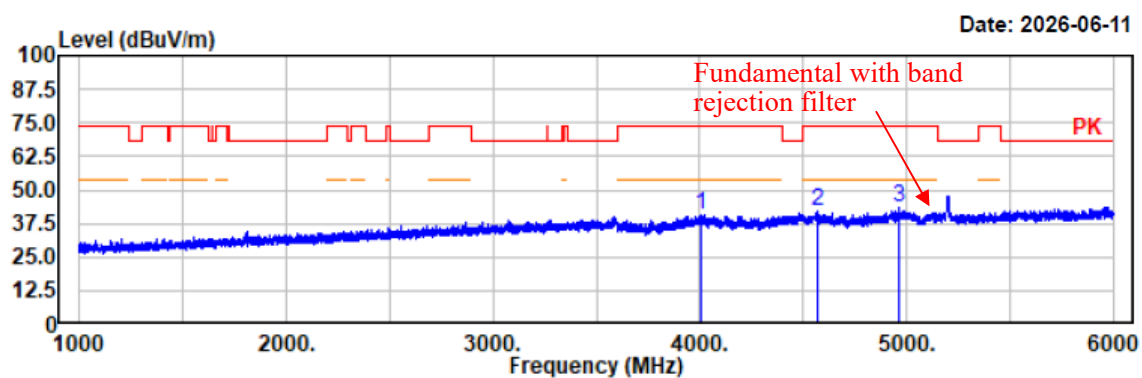


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4014.00	47.39	-6.51	40.88	74.00	33.12	horizontal	Peak
4635.00	46.99	-5.26	41.73	74.00	32.27	horizontal	Peak
4930.00	47.83	-5.16	42.67	74.00	31.33	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5200MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

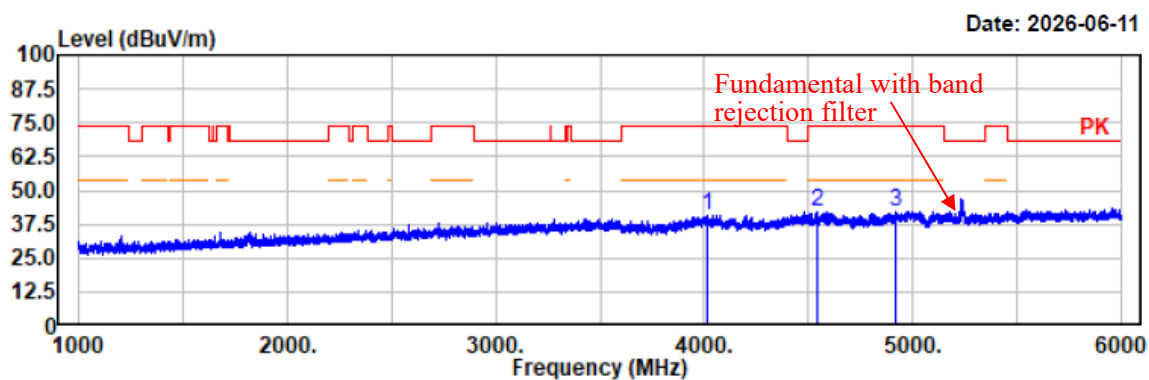


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4005.50	47.02	-6.53	40.49	74.00	33.51	vertical	Peak
4569.50	47.46	-5.33	42.13	74.00	31.87	vertical	Peak
4961.50	48.26	-5.08	43.18	74.00	30.82	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5240MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

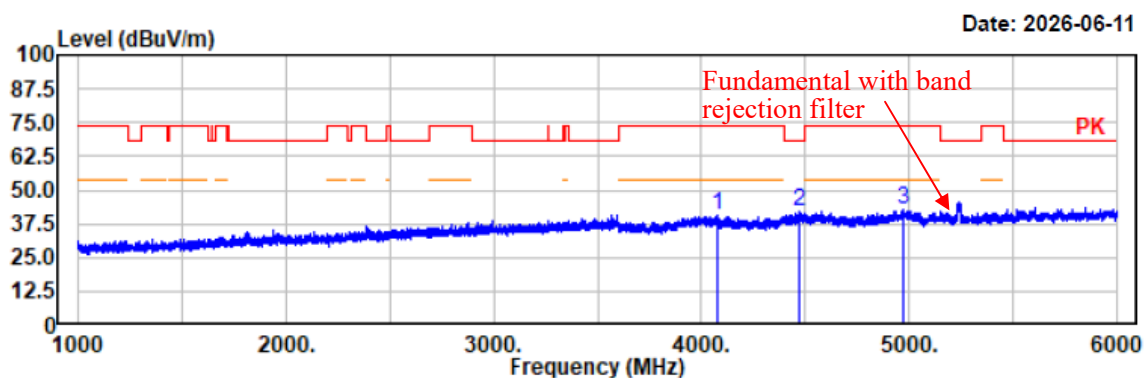


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4012.00	47.51	-6.52	40.99	74.00	33.01	horizontal	Peak
4546.50	47.43	-5.36	42.07	74.00	31.93	horizontal	Peak
4917.00	47.15	-5.19	41.96	74.00	32.04	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5240MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

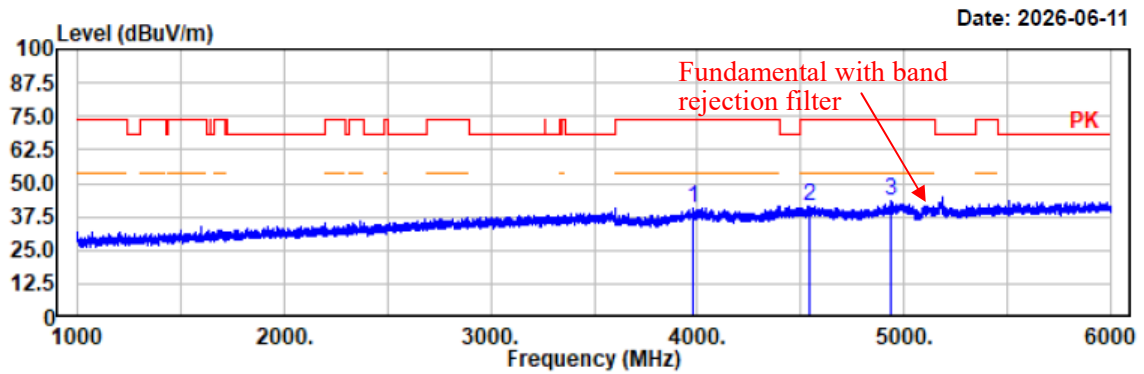


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4076.50	47.14	-6.35	40.79	74.00	33.21	vertical	Peak
4471.50	47.56	-5.46	42.10	68.20	26.10	vertical	Peak
4975.50	48.13	-5.05	43.08	74.00	30.92	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5180MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

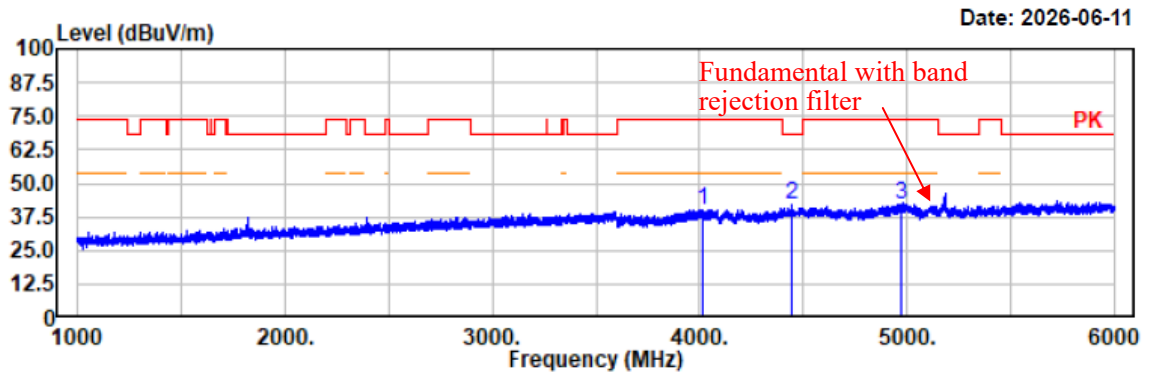


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3975.50	47.59	-6.64	40.95	74.00	33.05	horizontal	Peak
4543.00	46.94	-5.36	41.58	74.00	32.42	horizontal	Peak
4933.00	48.49	-5.15	43.34	74.00	30.66	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5180MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

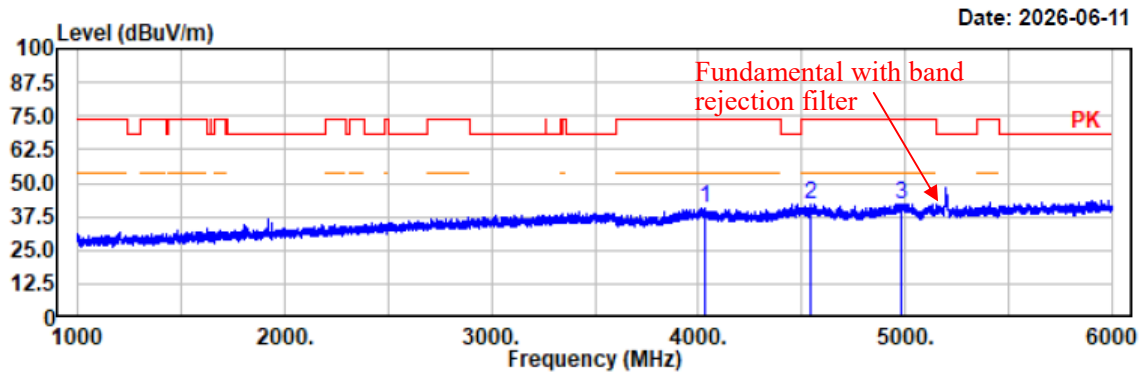


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4015.00	46.81	-6.51	40.30	74.00	33.70	vertical	Peak
4448.00	47.70	-5.55	42.15	68.20	26.05	vertical	Peak
4972.00	47.33	-5.07	42.26	74.00	31.74	vertical	Peak

Project No.: 2607P41361E-RF
 Test Mode: 802.11n20 5200MHz
 EUT Model: AXIUM DX8
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz

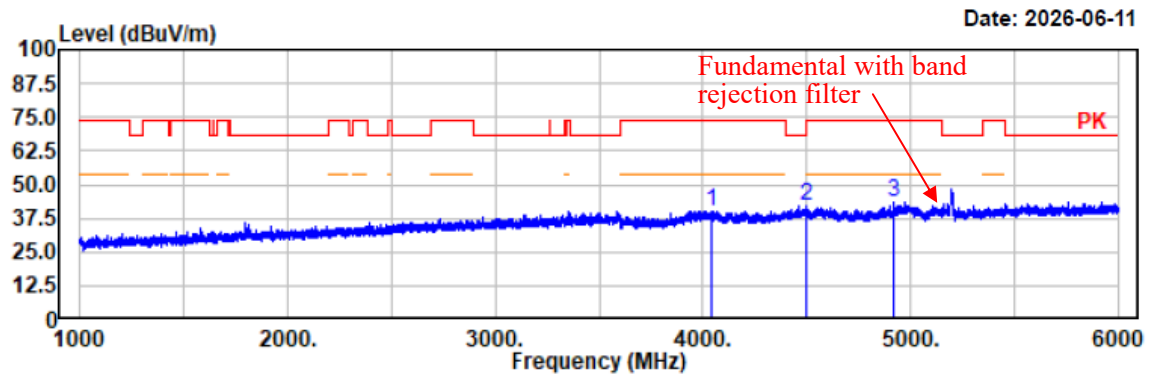


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4034.50	47.05	-6.48	40.57	74.00	33.43	horizontal	Peak
4547.00	47.22	-5.36	41.86	74.00	32.14	horizontal	Peak
4978.00	47.42	-5.04	42.38	74.00	31.62	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5200MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

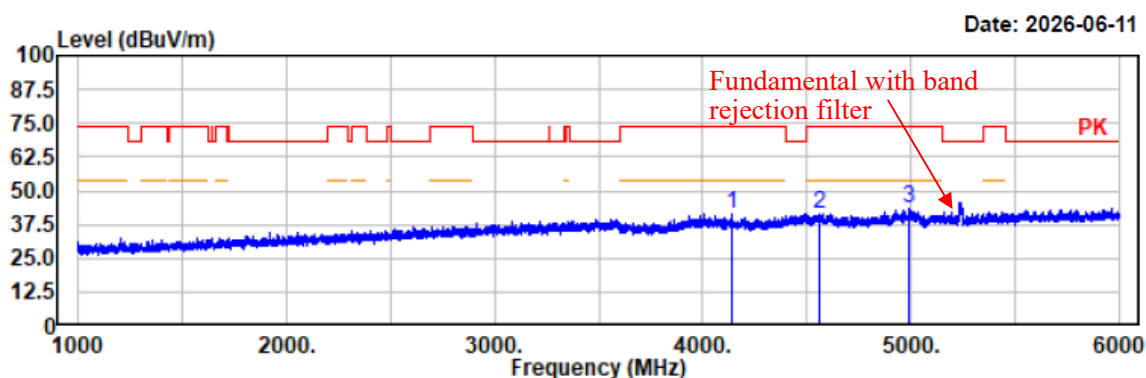


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4042.00	46.58	-6.46	40.12	74.00	33.88	vertical	Peak
4496.00	47.50	-5.35	42.15	68.20	26.05	vertical	Peak
4922.00	48.80	-5.19	43.61	74.00	30.39	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5240MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

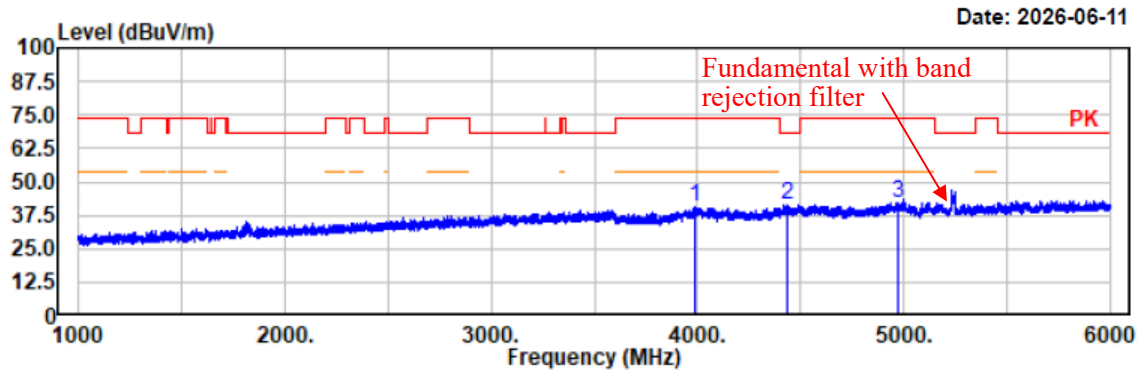


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4140.50	47.26	-6.13	41.13	74.00	32.87	horizontal	Peak
4562.50	46.60	-5.34	41.26	74.00	32.74	horizontal	Peak
4992.50	48.58	-5.02	43.56	74.00	30.44	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5240MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

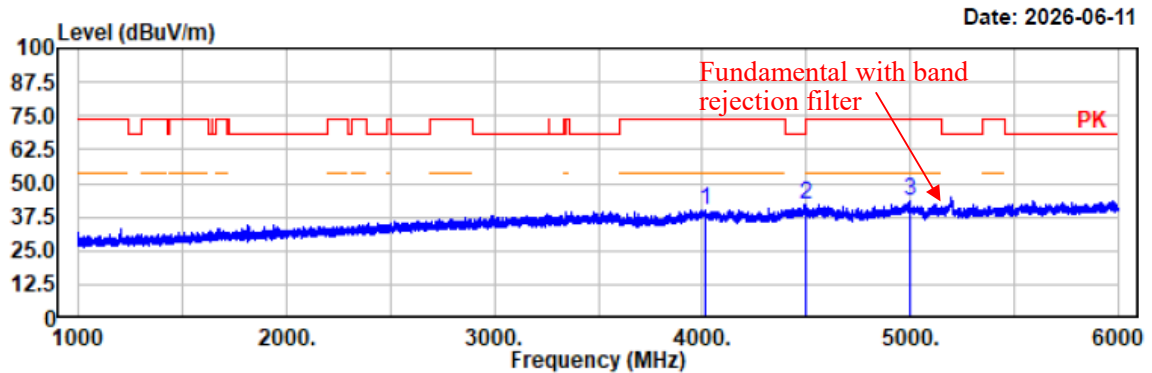


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3991.50	47.28	-6.57	40.71	74.00	33.29	vertical	Peak
4438.00	47.06	-5.57	41.49	68.20	26.71	vertical	Peak
4974.00	46.87	-5.05	41.82	74.00	32.18	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5190MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

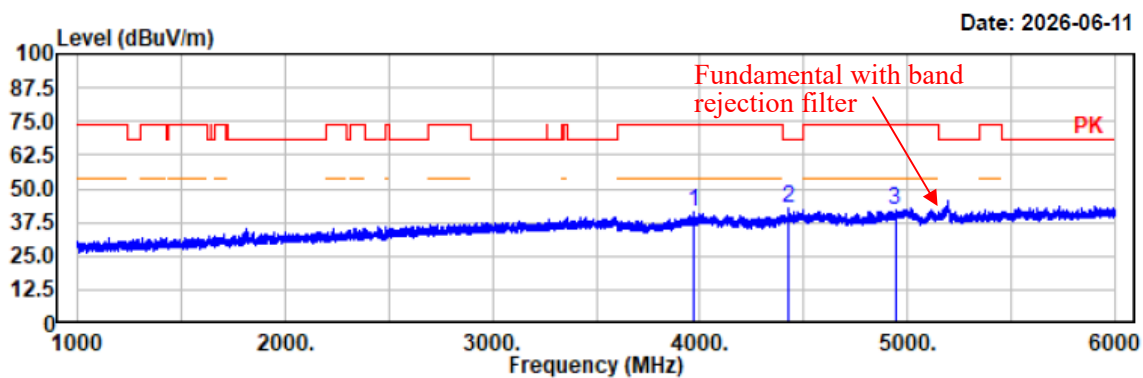


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4015.50	46.81	-6.51	40.30	74.00	33.70	horizontal	Peak
4495.00	47.74	-5.35	42.39	68.20	25.81	horizontal	Peak
4997.50	48.26	-5.00	43.26	74.00	30.74	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5190MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

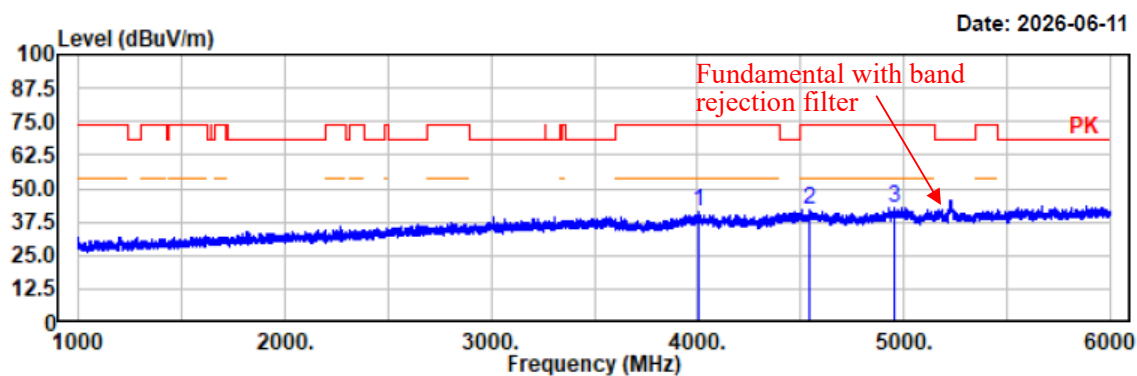


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3972.00	47.95	-6.65	41.30	74.00	32.70	vertical	Peak
4428.50	48.38	-5.59	42.79	68.20	25.41	vertical	Peak
4941.00	47.21	-5.13	42.08	74.00	31.92	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5230MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

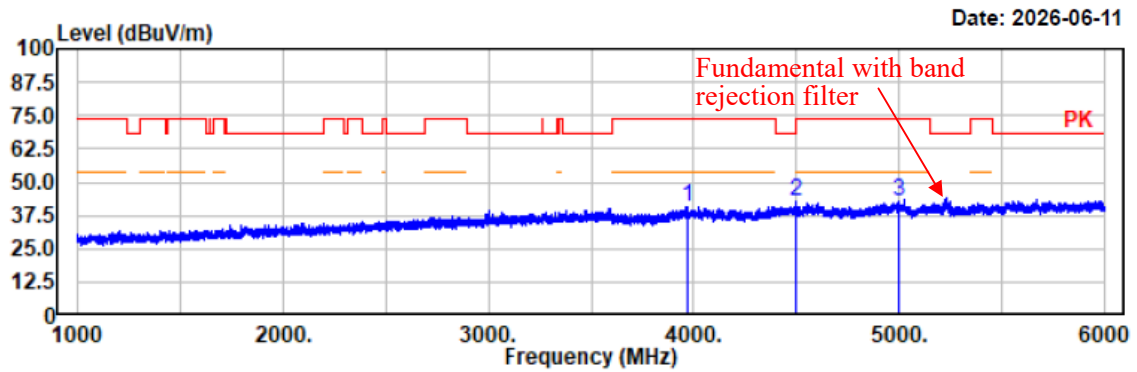


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4008.50	48.08	-6.52	41.56	74.00	32.44	horizontal	Peak
4543.00	47.44	-5.36	42.08	74.00	31.92	horizontal	Peak
4954.50	48.07	-5.10	42.97	74.00	31.03	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5230MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

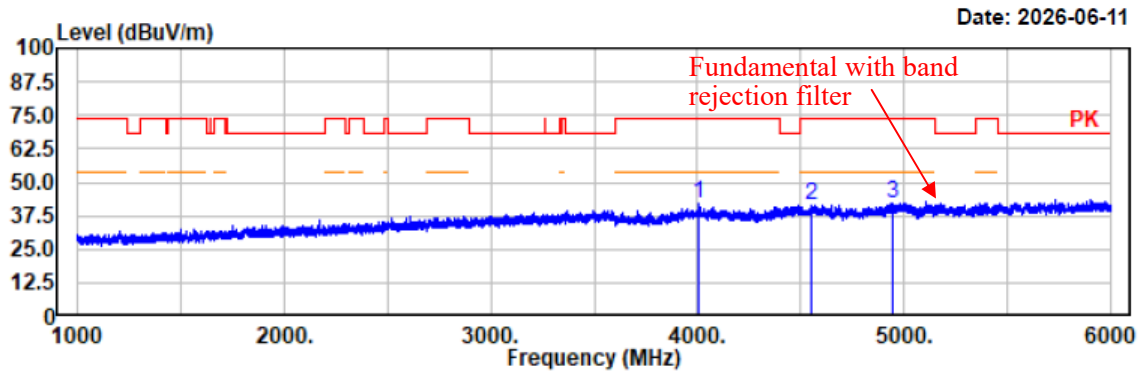


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3967.50	47.68	-6.67	41.01	74.00	32.99	vertical	Peak
4498.00	47.96	-5.33	42.63	68.20	25.57	vertical	Peak
4996.50	47.70	-5.00	42.70	74.00	31.30	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11ac80 5210MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

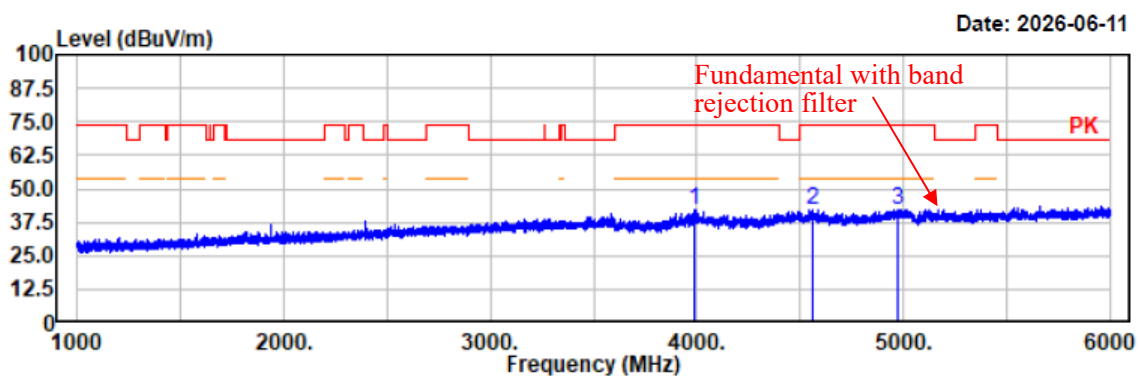


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4004.50	48.37	-6.53	41.84	74.00	32.16	horizontal	Peak
4554.50	46.95	-5.35	41.60	74.00	32.40	horizontal	Peak
4945.00	47.14	-5.13	42.01	74.00	31.99	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11ac80 5210MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



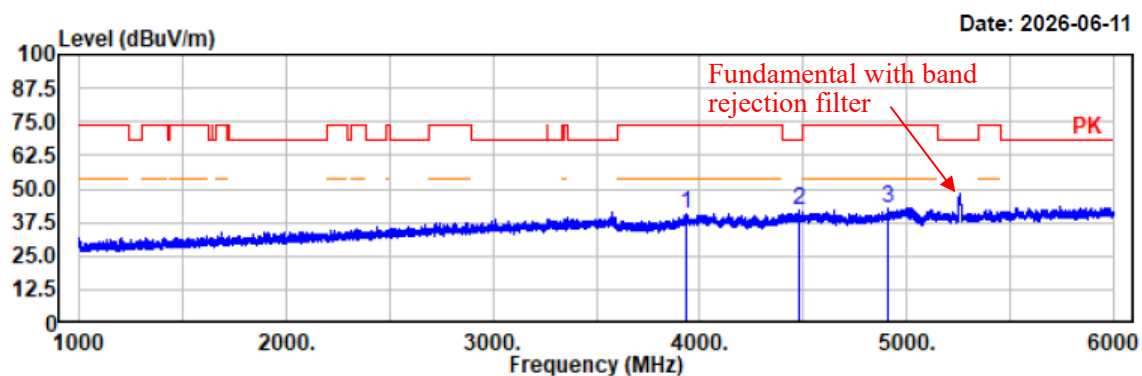
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3985.50	48.93	-6.60	42.33	74.00	31.67	vertical	Peak
4565.00	47.32	-5.34	41.98	74.00	32.02	vertical	Peak
4976.00	47.31	-5.05	42.26	74.00	31.74	vertical	Peak

Band 2:

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5260MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

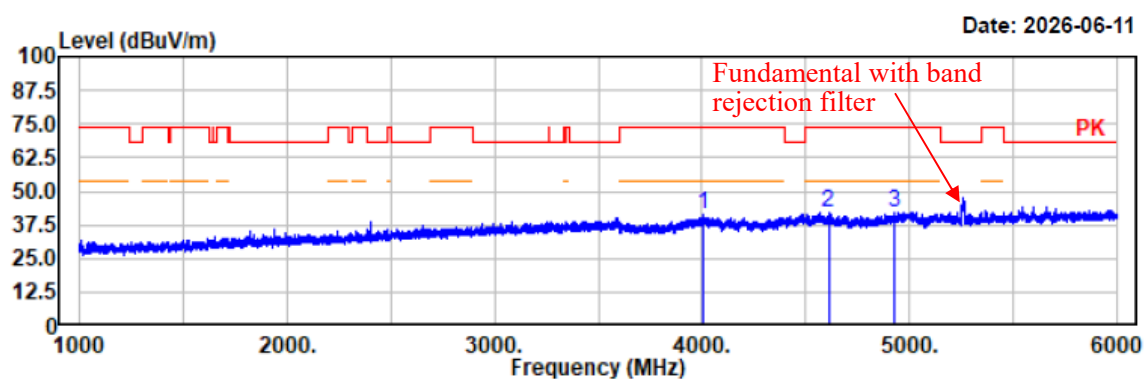


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3931.00	47.35	-6.78	40.57	74.00	33.43	horizontal	Peak
4483.50	47.60	-5.39	42.21	68.20	25.99	horizontal	Peak
4913.00	47.91	-5.20	42.71	74.00	31.29	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5260MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

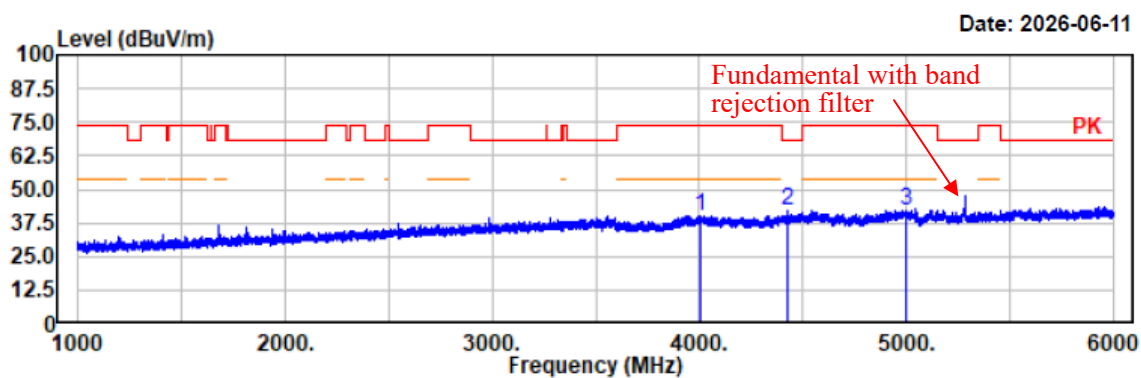


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4006.00	47.81	-6.53	41.28	74.00	32.72	vertical	Peak
4610.00	47.33	-5.29	42.04	74.00	31.96	vertical	Peak
4929.50	47.37	-5.16	42.21	74.00	31.79	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5280MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

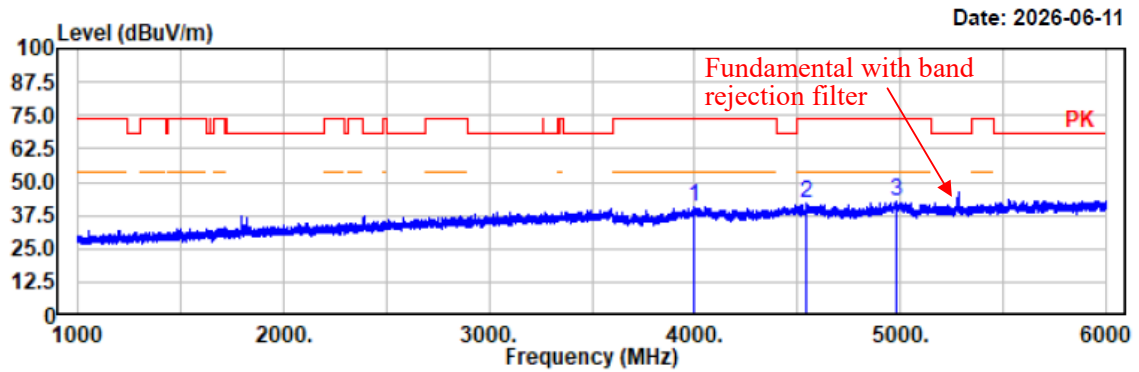


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4010.00	46.77	-6.52	40.25	74.00	33.75	horizontal	Peak
4428.00	47.83	-5.59	42.24	68.20	25.96	horizontal	Peak
4997.50	47.36	-5.00	42.36	74.00	31.64	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5280MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz

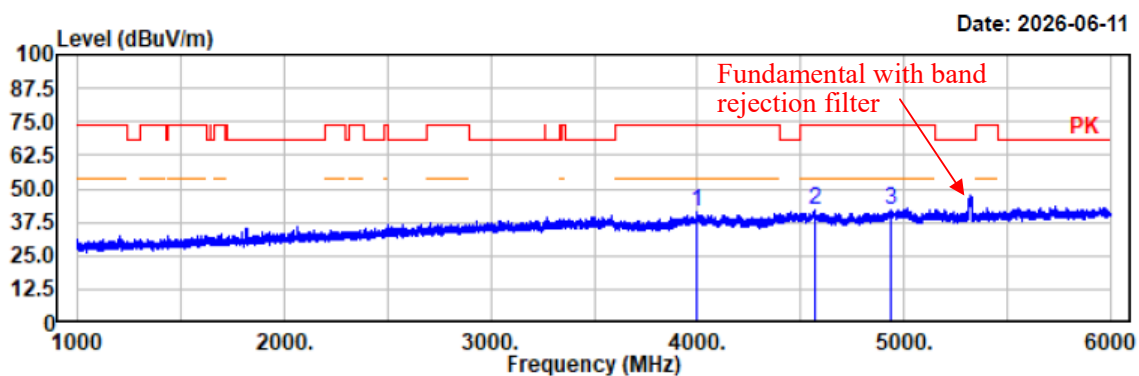


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4000.00	46.95	-6.54	40.41	74.00	33.59	vertical	Peak
4546.00	47.27	-5.36	41.91	74.00	32.09	vertical	Peak
4982.50	48.07	-5.04	43.03	74.00	30.97	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5320MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

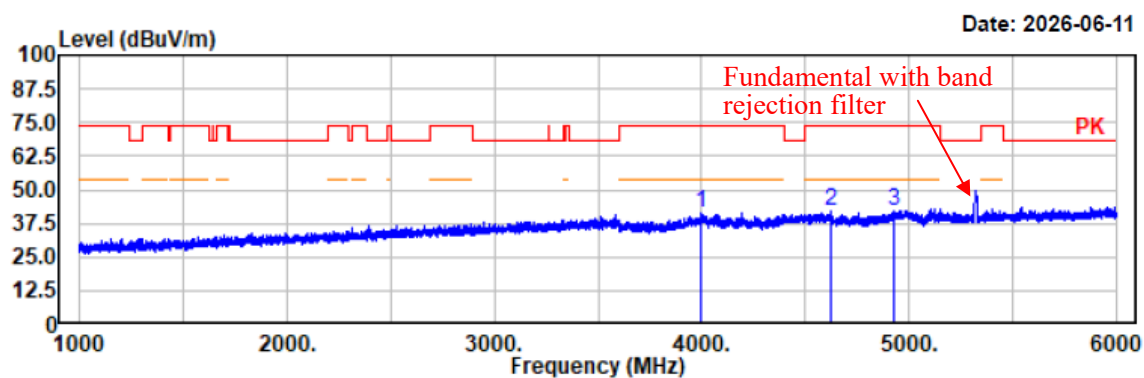


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4001.00	47.97	-6.54	41.43	74.00	32.57	horizontal	Peak
4567.50	47.18	-5.33	41.85	74.00	32.15	horizontal	Peak
4939.50	47.52	-5.13	42.39	74.00	31.61	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5320MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

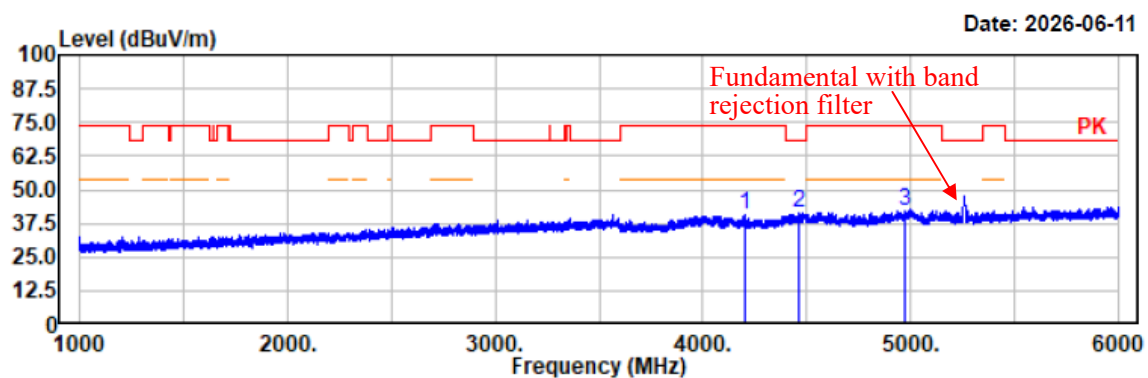


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3996.00	47.82	-6.56	41.26	74.00	32.74	vertical	Peak
4620.00	47.06	-5.27	41.79	74.00	32.21	vertical	Peak
4924.00	47.09	-5.18	41.91	74.00	32.09	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5260MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

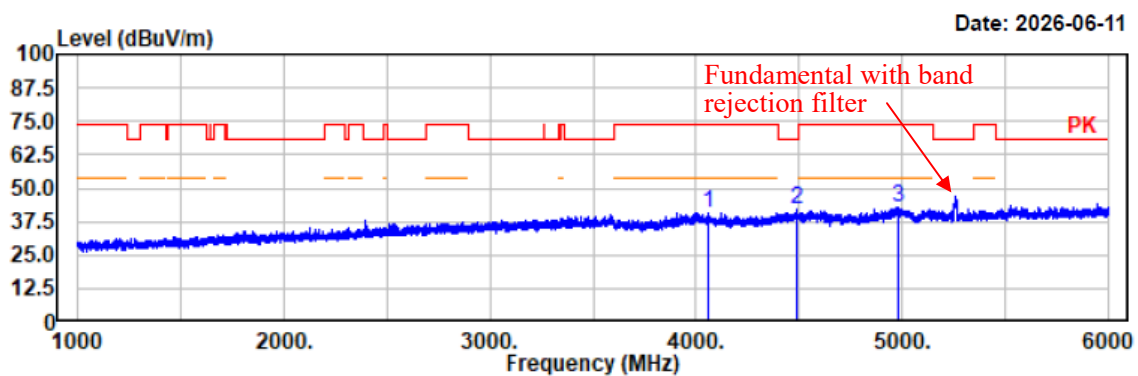


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4205.00	46.33	-5.84	40.49	74.00	33.51	horizontal	Peak
4460.00	47.04	-5.50	41.54	68.20	26.66	horizontal	Peak
4970.50	47.18	-5.07	42.11	74.00	31.89	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5260MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

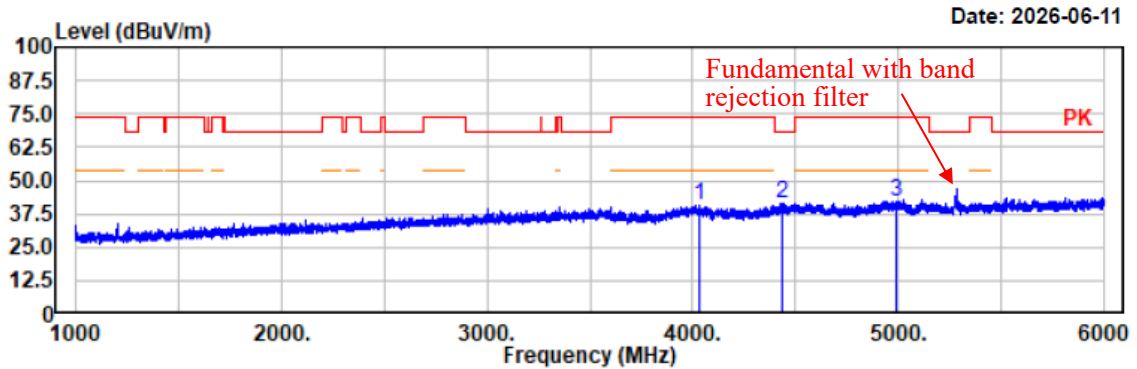


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4060.50	47.35	-6.40	40.95	74.00	33.05	vertical	Peak
4490.00	47.14	-5.37	41.77	68.20	26.43	vertical	Peak
4982.50	47.90	-5.04	42.86	74.00	31.14	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5280MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

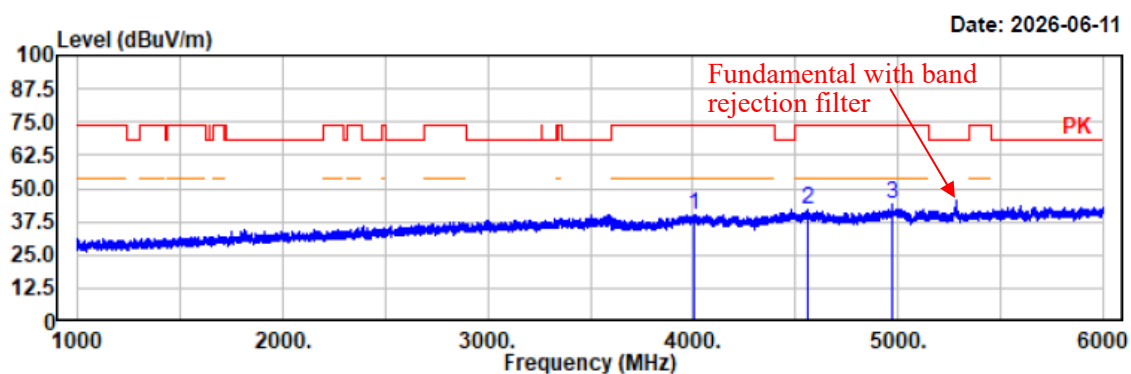


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4036.00	47.12	-6.48	40.64	74.00	33.36	horizontal	Peak
4434.50	47.15	-5.58	41.57	68.20	26.63	horizontal	Peak
4989.00	47.33	-5.02	42.31	74.00	31.69	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5280MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

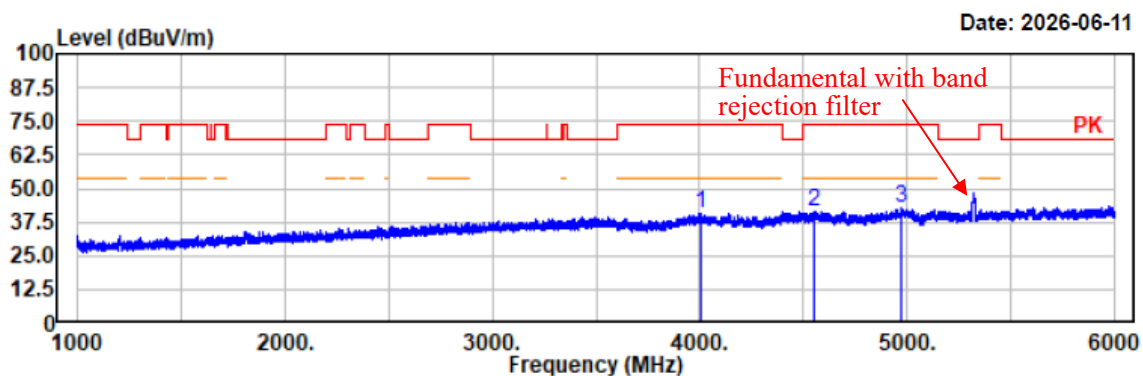


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4008.00	46.72	-6.52	40.20	74.00	33.80	vertical	Peak
4560.00	47.33	-5.35	41.98	74.00	32.02	vertical	Peak
4971.50	48.97	-5.07	43.90	74.00	30.10	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5320MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

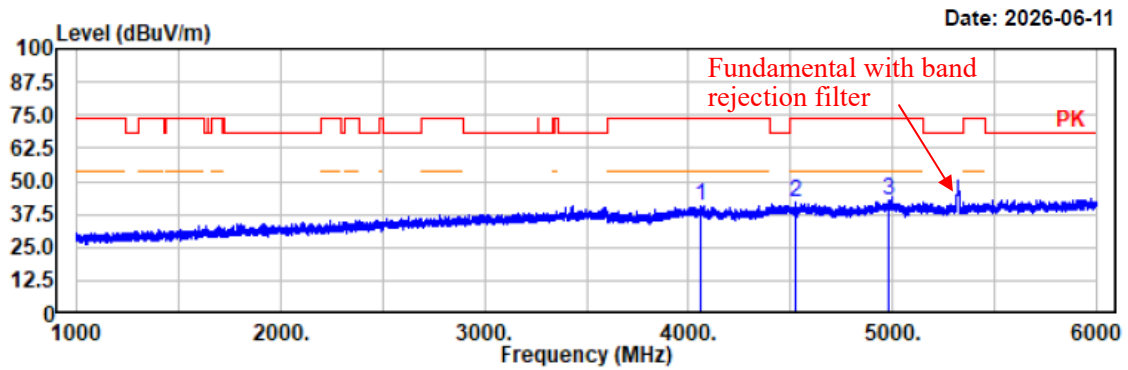


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4007.50	47.19	-6.52	40.67	74.00	33.33	horizontal	Peak
4551.00	46.76	-5.36	41.40	74.00	32.60	horizontal	Peak
4968.50	47.64	-5.07	42.57	74.00	31.43	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5320MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

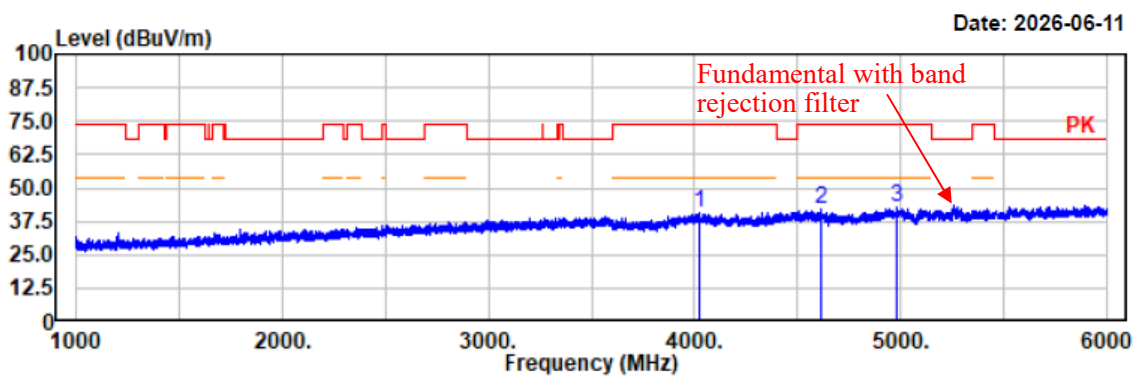


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4056.00	46.84	-6.42	40.42	74.00	33.58	vertical	Peak
4526.50	47.29	-5.35	41.94	74.00	32.06	vertical	Peak
4983.50	47.58	-5.02	42.56	74.00	31.44	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5270MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

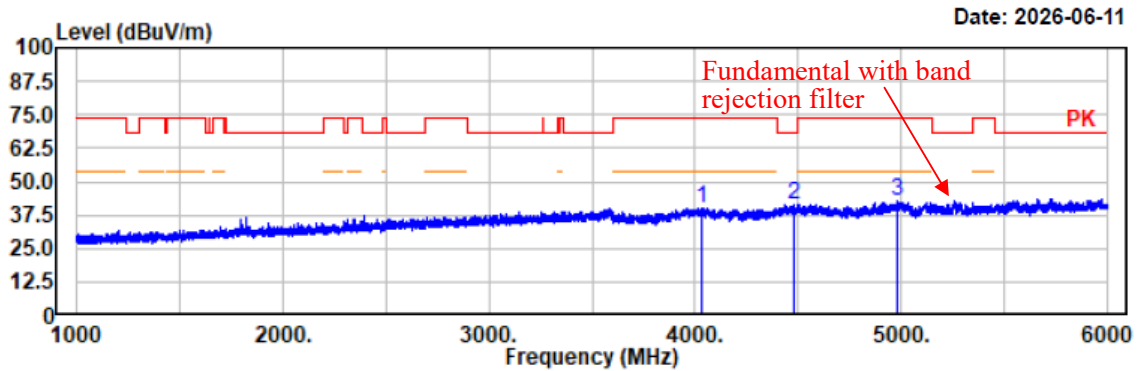


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4019.50	46.85	-6.50	40.35	74.00	33.65	horizontal	Peak
4617.00	47.19	-5.28	41.91	74.00	32.09	horizontal	Peak
4984.00	47.81	-5.02	42.79	74.00	31.21	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5270MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

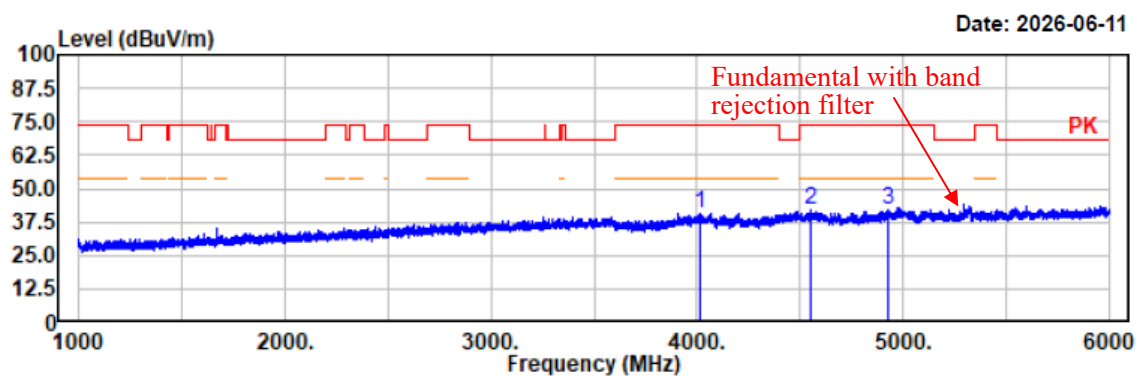


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4030.00	46.55	-6.49	40.06	74.00	33.94	vertical	Peak
4479.00	47.09	-5.41	41.68	68.20	26.52	vertical	Peak
4985.50	47.77	-5.02	42.75	74.00	31.25	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5310MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

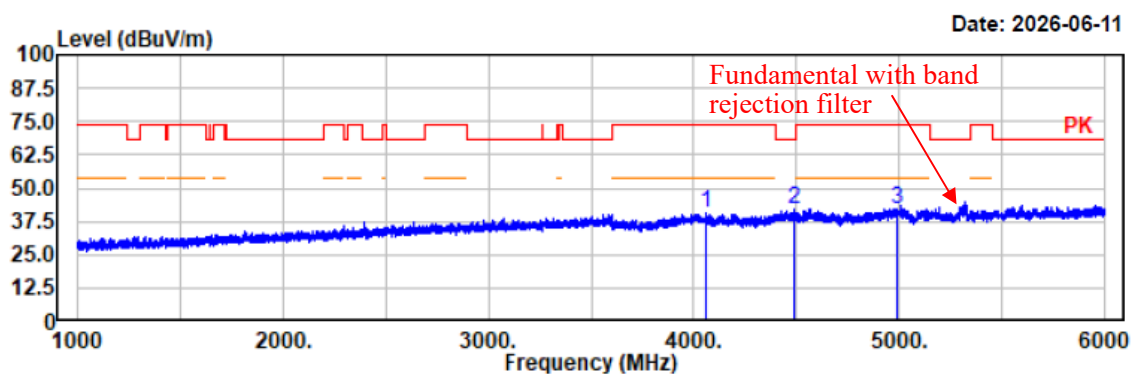


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4016.50	47.17	-6.51	40.66	74.00	33.34	horizontal	Peak
4552.50	47.53	-5.35	42.18	74.00	31.82	horizontal	Peak
4925.50	47.20	-5.18	42.02	74.00	31.98	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5310MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

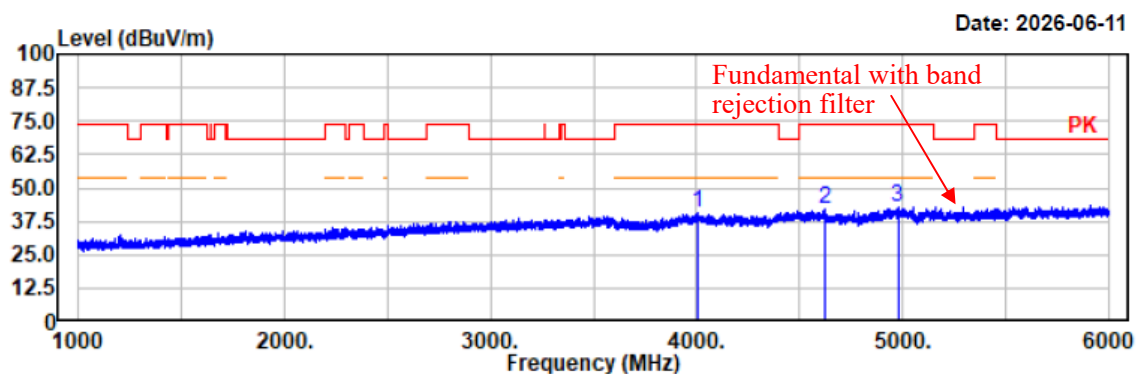


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4056.00	46.78	-6.42	40.36	74.00	33.64	vertical	Peak
4490.00	47.58	-5.37	42.21	68.20	25.99	vertical	Peak
4987.50	47.12	-5.02	42.10	74.00	31.90	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11ac80 5290MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

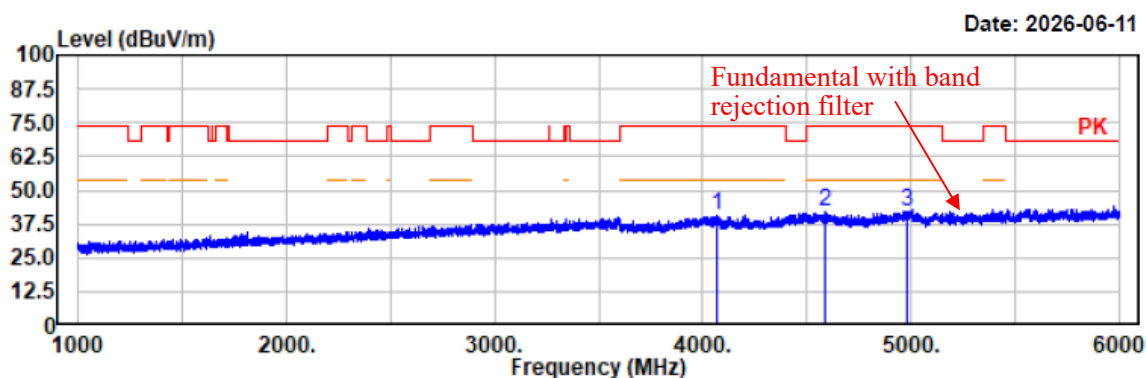


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4004.00	47.12	-6.53	40.59	74.00	33.41	horizontal	Peak
4627.50	47.40	-5.27	42.13	74.00	31.87	horizontal	Peak
4977.00	47.55	-5.05	42.50	74.00	31.50	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11ac80 5290MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



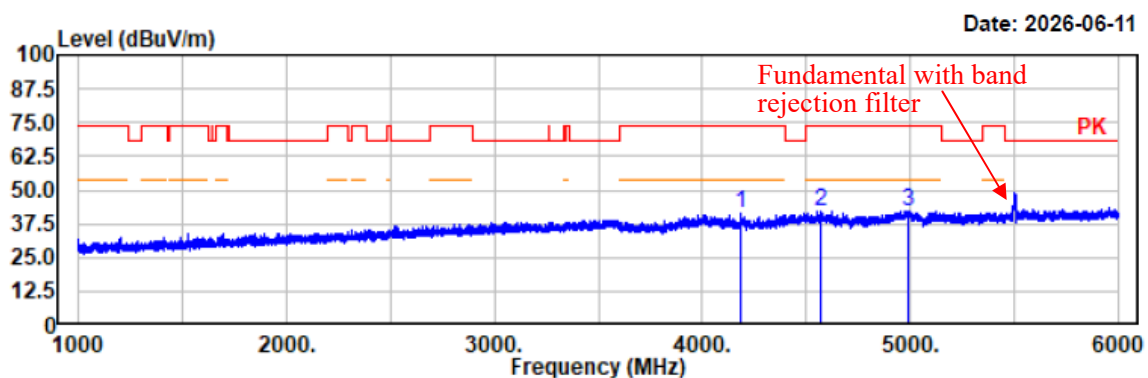
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4072.00	47.00	-6.36	40.64	74.00	33.36	vertical	Peak
4588.50	47.44	-5.31	42.13	74.00	31.87	vertical	Peak
4983.50	47.24	-5.02	42.22	74.00	31.78	vertical	Peak

Band 3:

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5500MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

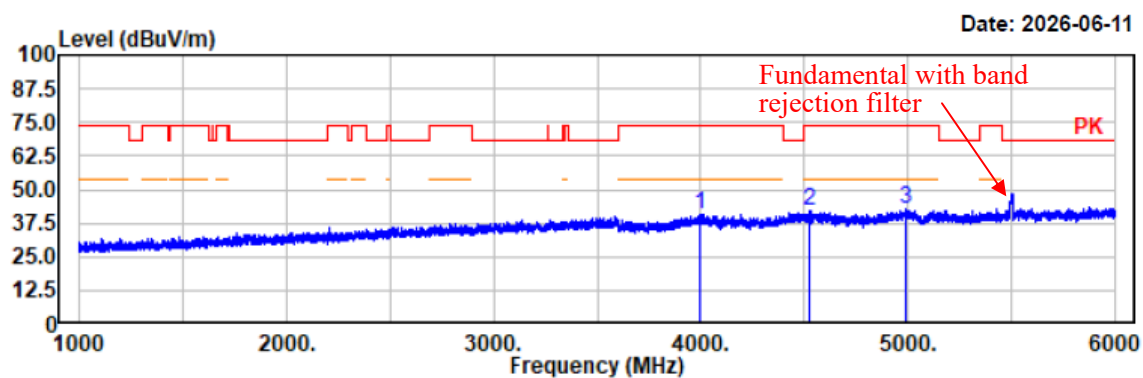


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4187.00	46.94	-5.90	41.04	74.00	32.96	horizontal	Peak
4573.00	47.71	-5.32	42.39	74.00	31.61	horizontal	Peak
4992.50	47.40	-5.02	42.38	74.00	31.62	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5500MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz

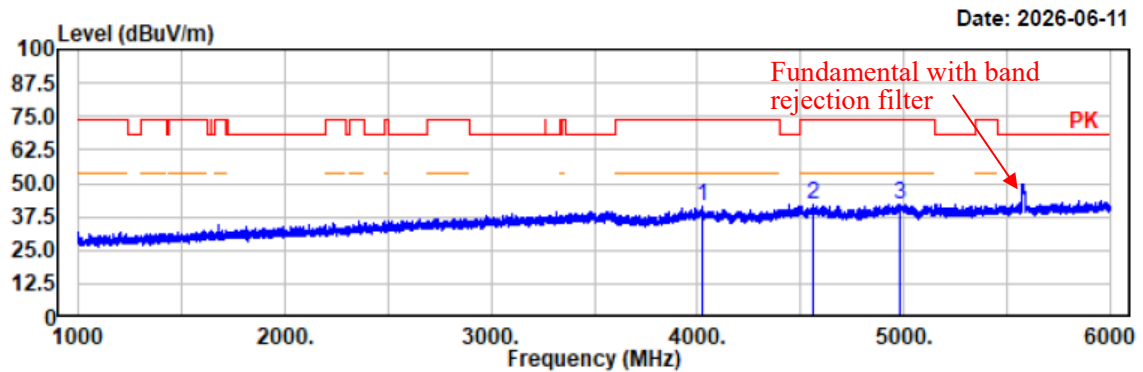


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3995.00	47.12	-6.56	40.56	74.00	33.44	vertical	Peak
4529.00	47.49	-5.35	42.14	74.00	31.86	vertical	Peak
4994.50	47.60	-5.00	42.60	74.00	31.40	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5580MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

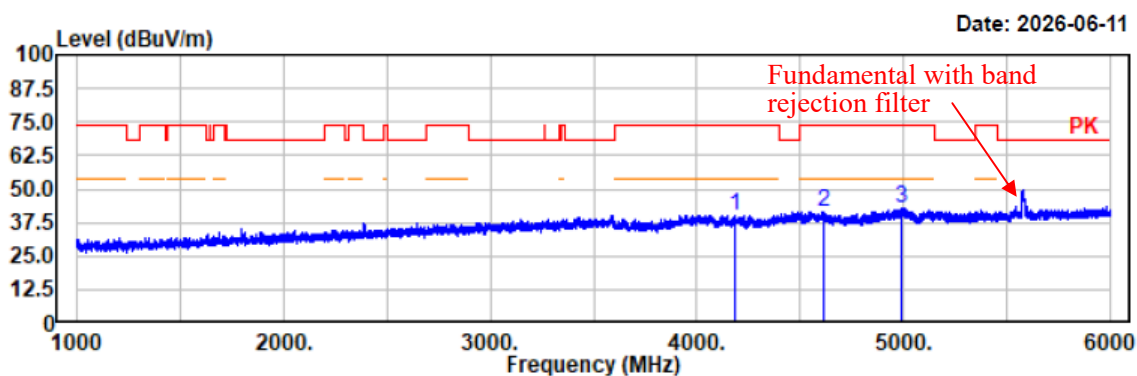


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4022.50	47.79	-6.49	41.30	74.00	32.70	horizontal	Peak
4557.00	47.48	-5.36	42.12	74.00	31.88	horizontal	Peak
4980.00	47.18	-5.04	42.14	74.00	31.86	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5580MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

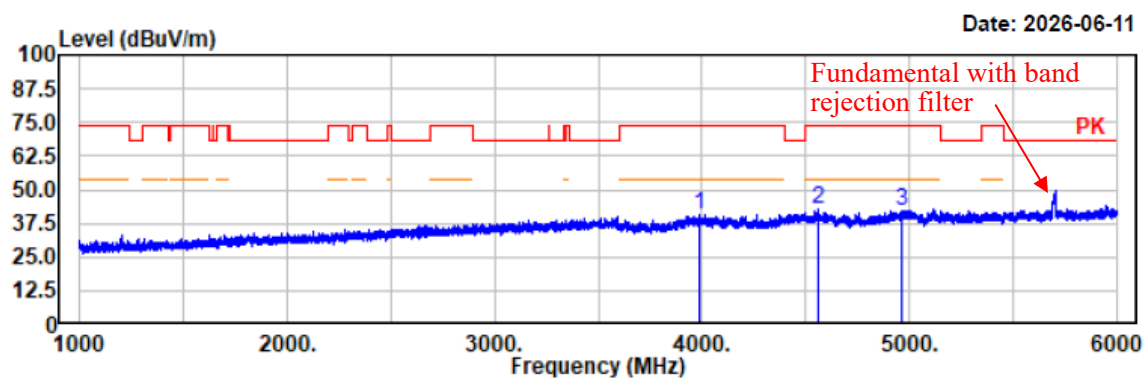


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4181.00	46.25	-5.93	40.32	74.00	33.68	vertical	Peak
4612.50	46.65	-5.28	41.37	74.00	32.63	vertical	Peak
4987.00	47.67	-5.02	42.65	74.00	31.35	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5700MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

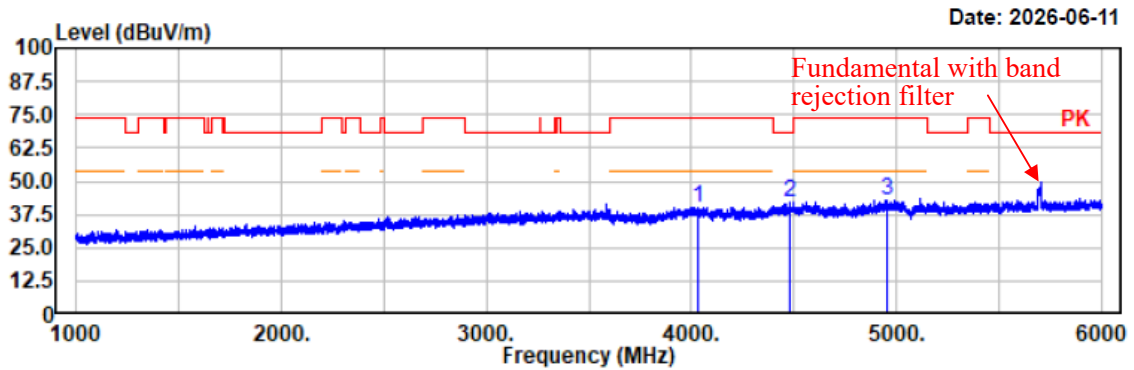


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3984.00	47.23	-6.61	40.62	74.00	33.38	horizontal	Peak
4558.00	48.13	-5.35	42.78	74.00	31.22	horizontal	Peak
4967.50	47.48	-5.08	42.40	74.00	31.60	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5700MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

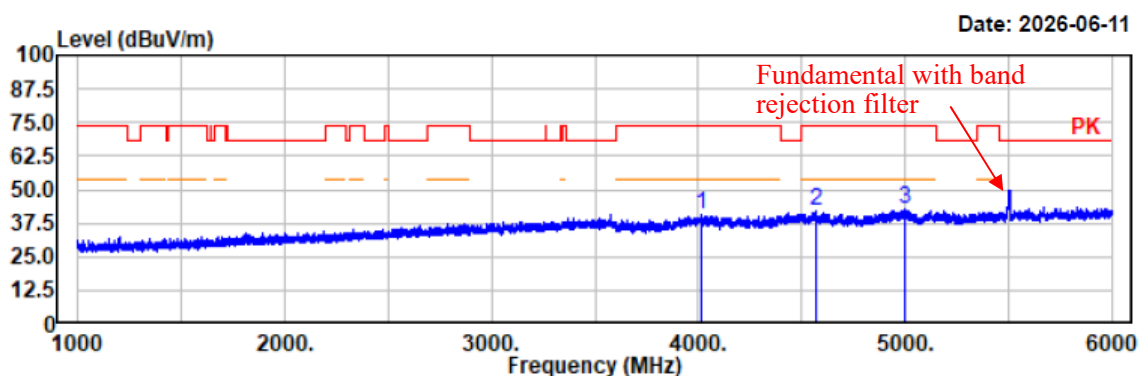


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4035.00	46.49	-6.48	40.01	74.00	33.99	vertical	Peak
4481.50	47.30	-5.41	41.89	68.20	26.31	vertical	Peak
4950.50	48.02	-5.11	42.91	74.00	31.09	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5500MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

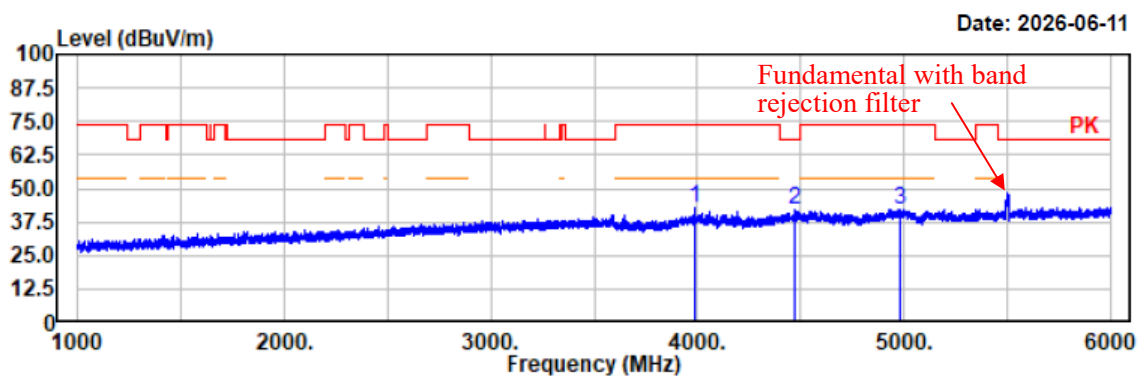


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4016.50	46.99	-6.51	40.48	74.00	33.52	horizontal	Peak
4565.50	47.30	-5.34	41.96	74.00	32.04	horizontal	Peak
5001.00	47.56	-4.99	42.57	74.00	31.43	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5500MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

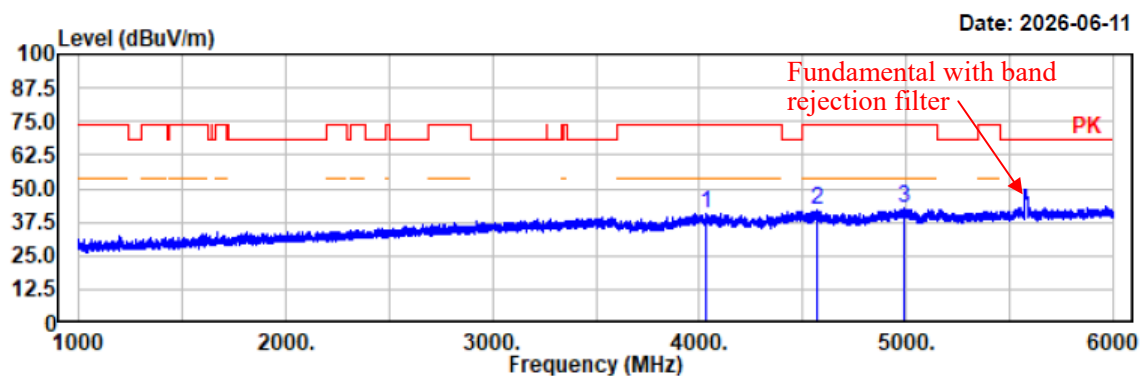


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3991.50	49.10	-6.57	42.53	74.00	31.47	vertical	Peak
4471.00	47.48	-5.46	42.02	68.20	26.18	vertical	Peak
4979.50	47.42	-5.04	42.38	74.00	31.62	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5580MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

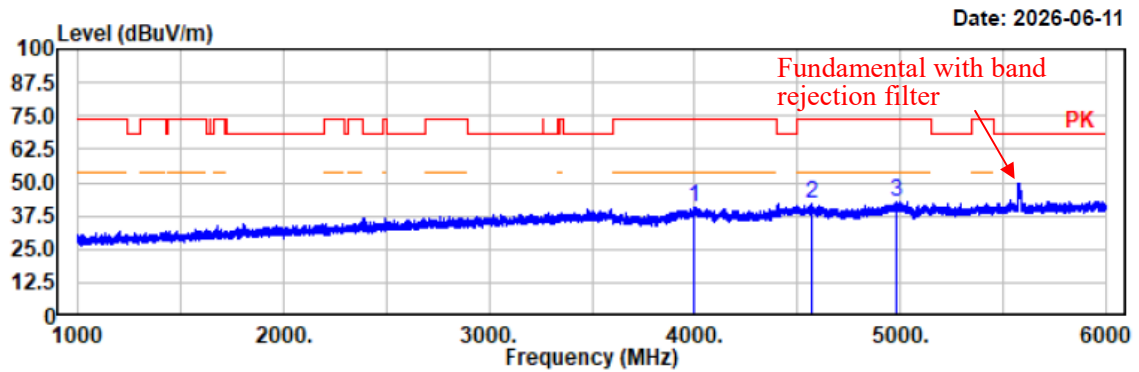


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4033.00	47.42	-6.48	40.94	74.00	33.06	horizontal	Peak
4567.50	47.25	-5.33	41.92	74.00	32.08	horizontal	Peak
4989.50	47.60	-5.02	42.58	74.00	31.42	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5580MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

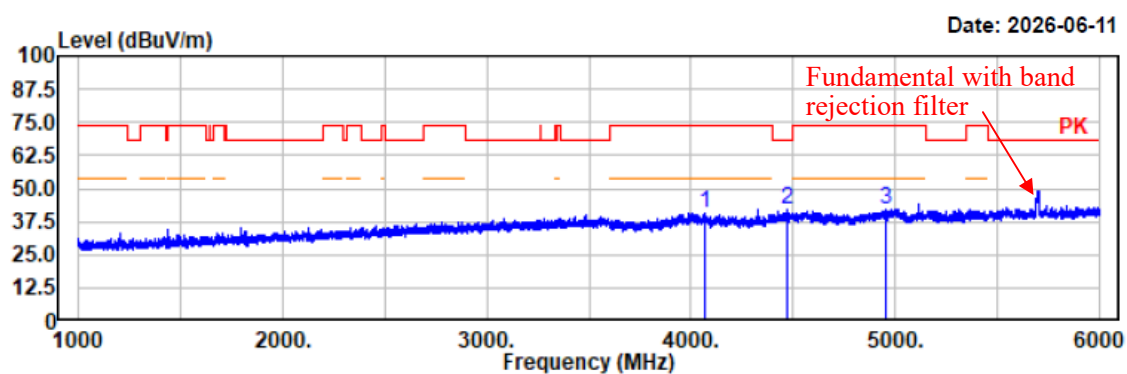


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3994.50	47.23	-6.56	40.67	74.00	33.33	vertical	Peak
4569.50	47.27	-5.33	41.94	74.00	32.06	vertical	Peak
4981.50	47.59	-5.04	42.55	74.00	31.45	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5700MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

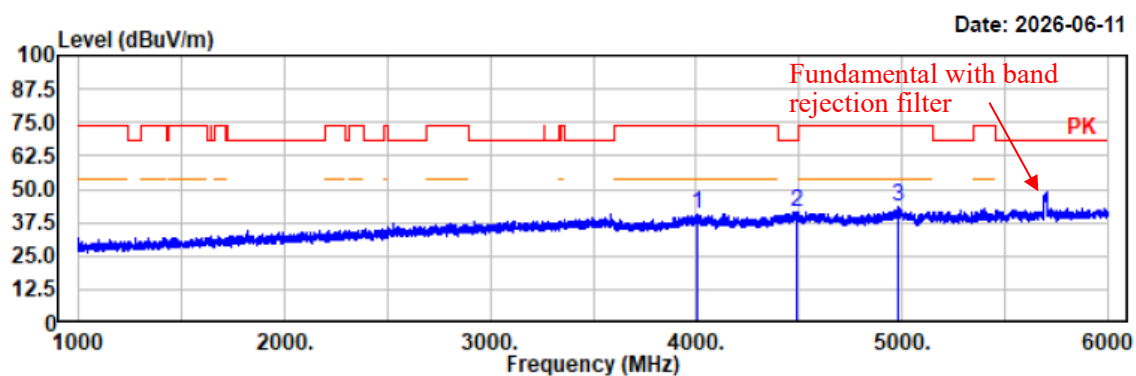


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4072.00	46.92	-6.36	40.56	74.00	33.44	horizontal	Peak
4473.50	47.66	-5.45	42.21	68.20	25.99	horizontal	Peak
4951.50	47.49	-5.11	42.38	74.00	31.62	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5700MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

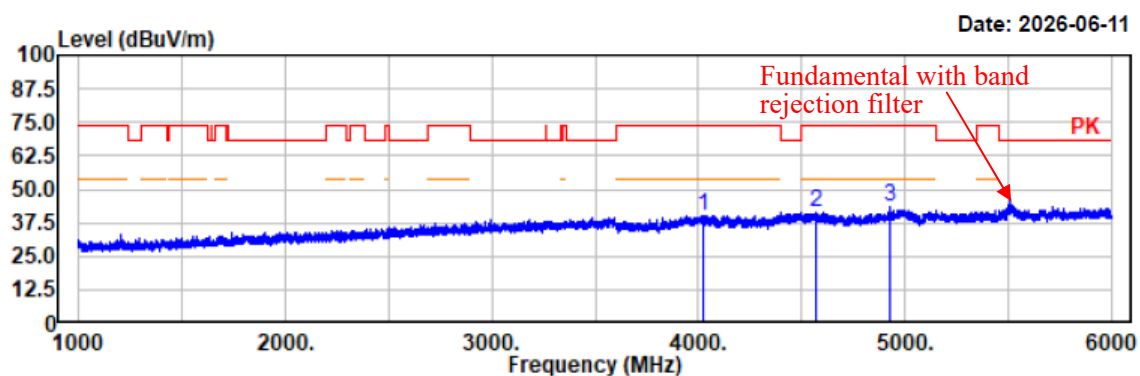


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4004.00	47.05	-6.53	40.52	74.00	33.48	vertical	Peak
4489.00	46.70	-5.37	41.33	68.20	26.87	vertical	Peak
4982.50	48.32	-5.04	43.28	74.00	30.72	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5510MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

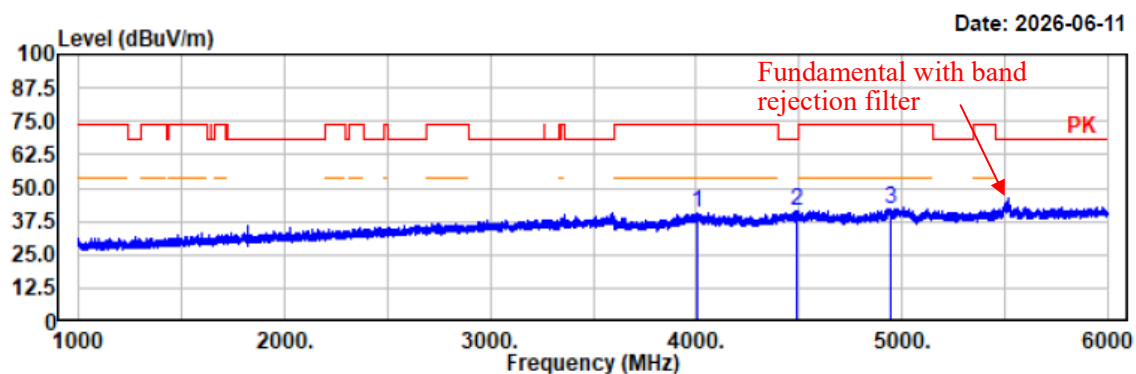


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4021.00	46.74	-6.50	40.24	74.00	33.76	horizontal	Peak
4572.50	47.04	-5.33	41.71	74.00	32.29	horizontal	Peak
4930.50	48.57	-5.16	43.41	74.00	30.59	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5510MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

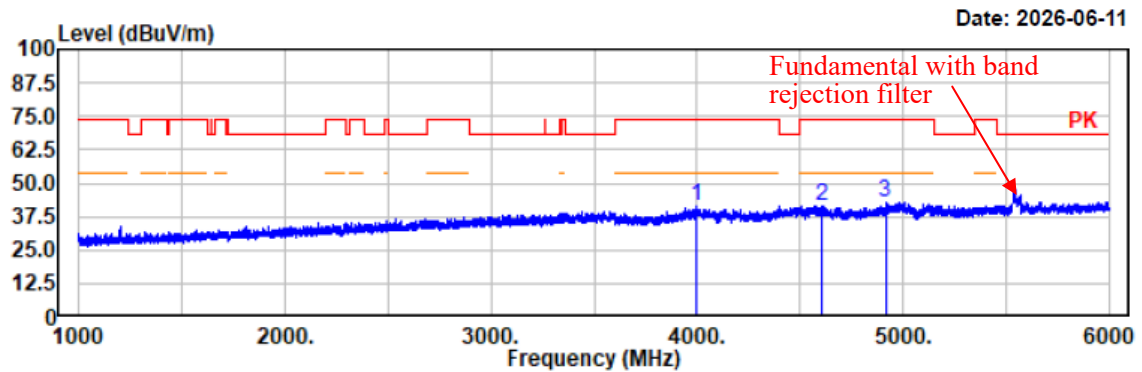


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4004.50	47.03	-6.53	40.50	74.00	33.50	vertical	Peak
4493.00	46.96	-5.35	41.61	68.20	26.59	vertical	Peak
4949.50	47.28	-5.12	42.16	74.00	31.84	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5550MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz

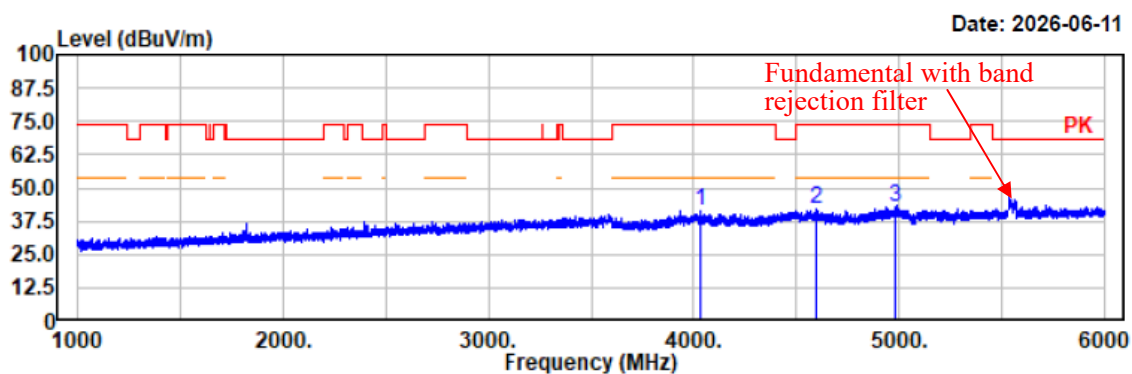


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3993.00	47.65	-6.57	41.08	74.00	32.92	horizontal	Peak
4608.50	46.68	-5.29	41.39	74.00	32.61	horizontal	Peak
4914.50	47.76	-5.20	42.56	74.00	31.44	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5550MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

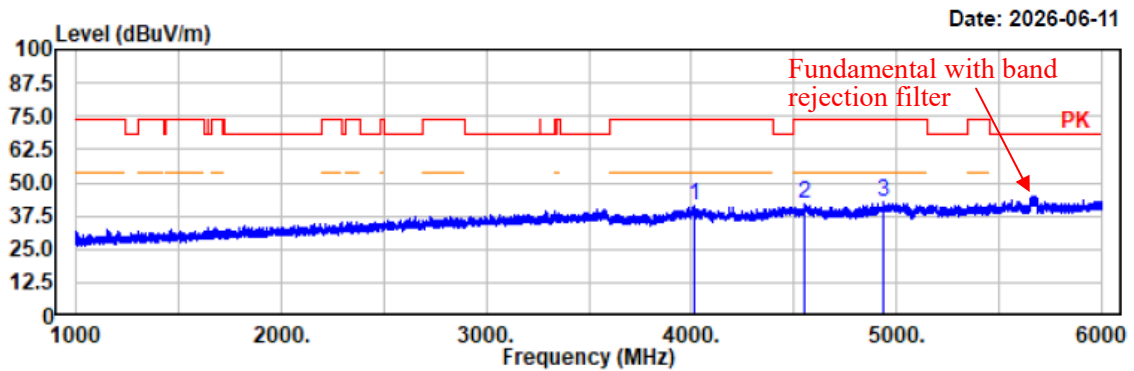


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4033.50	48.02	-6.48	41.54	74.00	32.46	vertical	Peak
4599.00	47.08	-5.29	41.79	74.00	32.21	vertical	Peak
4979.00	47.66	-5.04	42.62	74.00	31.38	vertical	Peak

Project No.: 2607P41361E-RF
 Test Mode: 802.11n40 5670MHz
 EUT Model: AXIUM DX8
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
 Tested by: Wliff Wu
 Power Source: AC 120V/60Hz

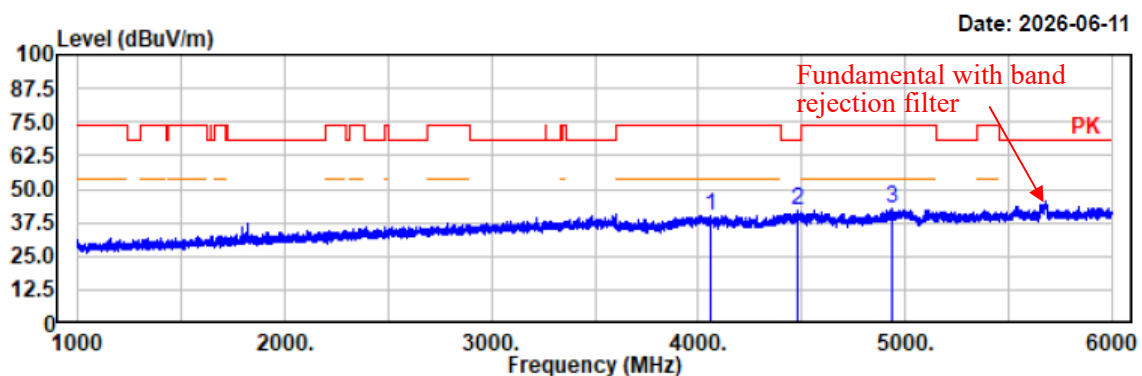


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4018.00	47.56	-6.50	41.06	74.00	32.94	horizontal	Peak
4555.00	47.14	-5.35	41.79	74.00	32.21	horizontal	Peak
4938.00	47.73	-5.14	42.59	74.00	31.41	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5670MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

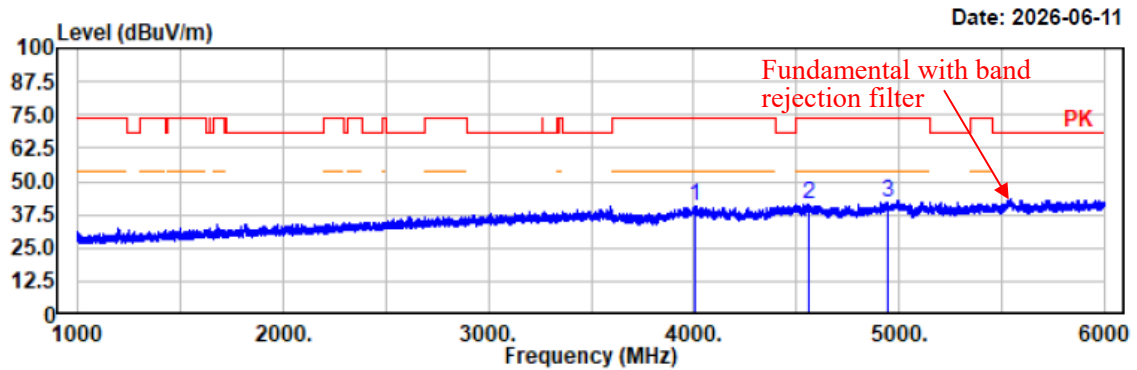


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4055.50	46.55	-6.42	40.13	74.00	33.87	vertical	Peak
4484.50	47.40	-5.39	42.01	68.20	26.19	vertical	Peak
4935.00	47.64	-5.15	42.49	74.00	31.51	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11ac80 5530MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

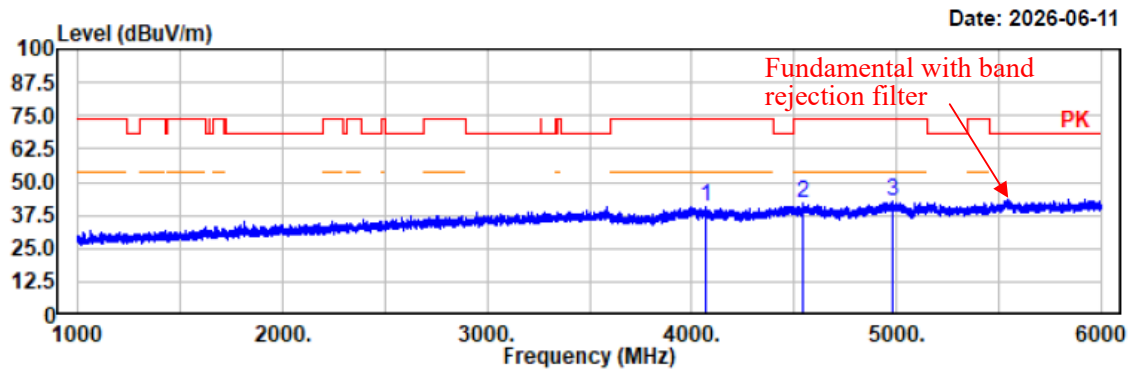


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4007.00	47.21	-6.53	40.68	74.00	33.32	horizontal	Peak
4560.00	47.00	-5.35	41.65	74.00	32.35	horizontal	Peak
4943.50	47.28	-5.13	42.15	74.00	31.85	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11ac80 5530MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

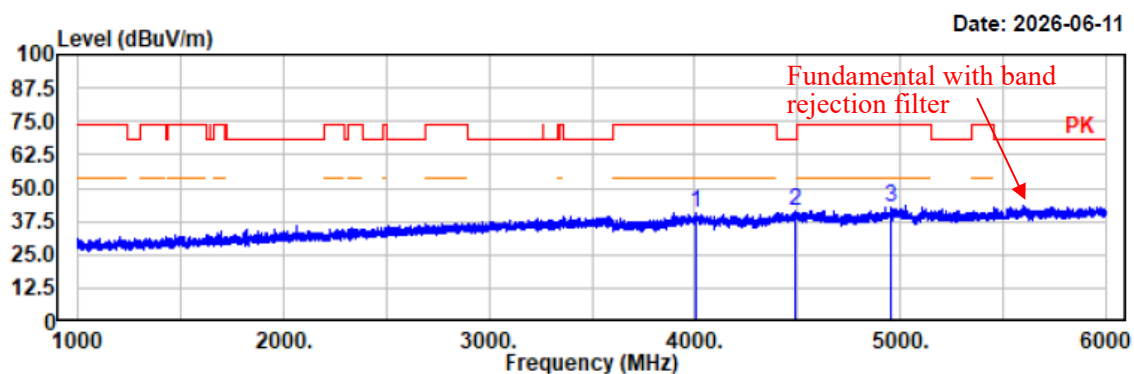


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4069.50	46.92	-6.37	40.55	74.00	33.45	vertical	Peak
4544.50	47.47	-5.36	42.11	74.00	31.89	vertical	Peak
4982.00	47.57	-5.04	42.53	74.00	31.47	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11ac80 5610MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz

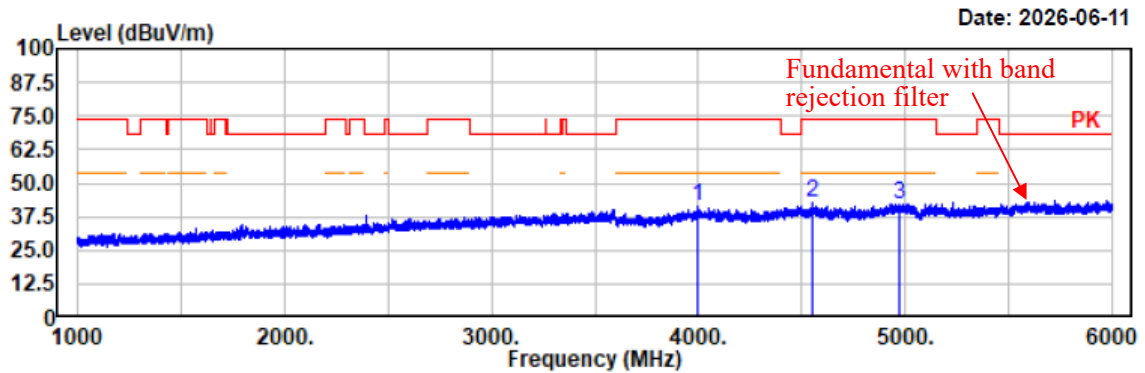


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4005.50	47.17	-6.53	40.64	74.00	33.36	horizontal	Peak
4493.00	46.80	-5.35	41.45	68.20	26.75	horizontal	Peak
4950.50	47.70	-5.11	42.59	74.00	31.41	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11ac80 5610MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz



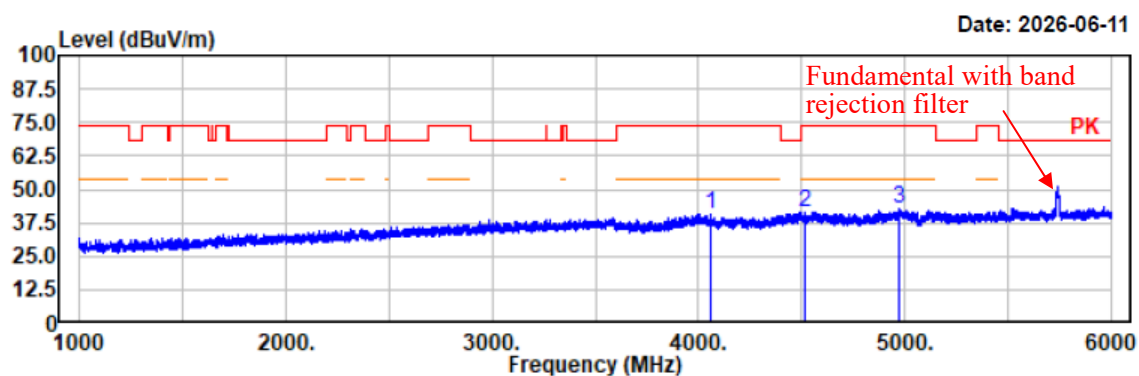
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3998.00	47.86	-6.55	41.31	74.00	32.69	vertical	Peak
4553.50	47.79	-5.35	42.44	74.00	31.56	vertical	Peak
4974.00	46.97	-5.05	41.92	74.00	32.08	vertical	Peak

Band 4:

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5745MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz

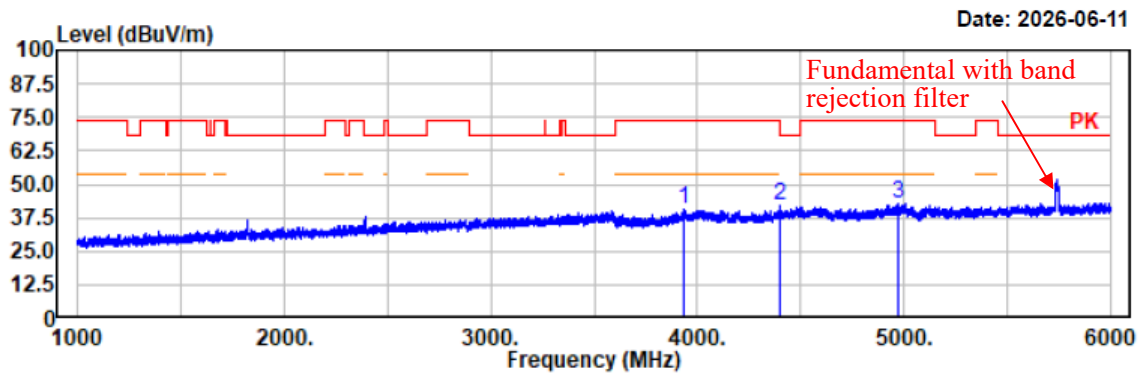


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4061.00	47.32	-6.40	40.92	74.00	33.08	horizontal	Peak
4514.50	46.85	-5.34	41.51	74.00	32.49	horizontal	Peak
4975.50	47.97	-5.05	42.92	74.00	31.08	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5745MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

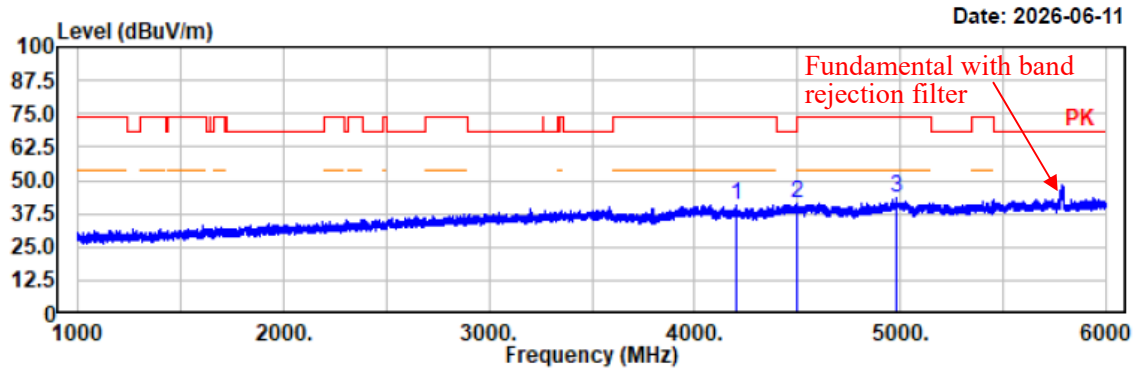


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3934.00	47.43	-6.77	40.66	74.00	33.34	vertical	Peak
4399.00	47.83	-5.66	42.17	74.00	31.83	vertical	Peak
4975.50	47.47	-5.05	42.42	74.00	31.58	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5785MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

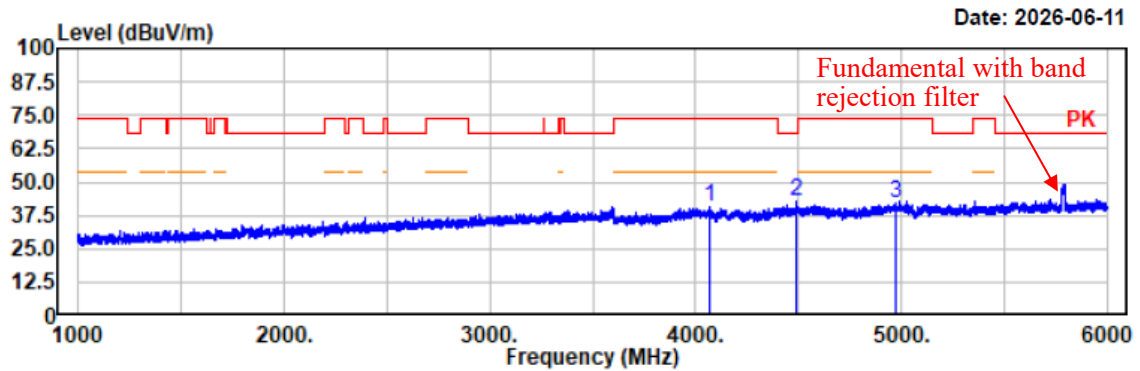


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4202.50	46.75	-5.84	40.91	74.00	33.09	horizontal	Peak
4494.50	46.69	-5.35	41.34	68.20	26.86	horizontal	Peak
4985.50	48.78	-5.02	43.76	74.00	30.24	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5785MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

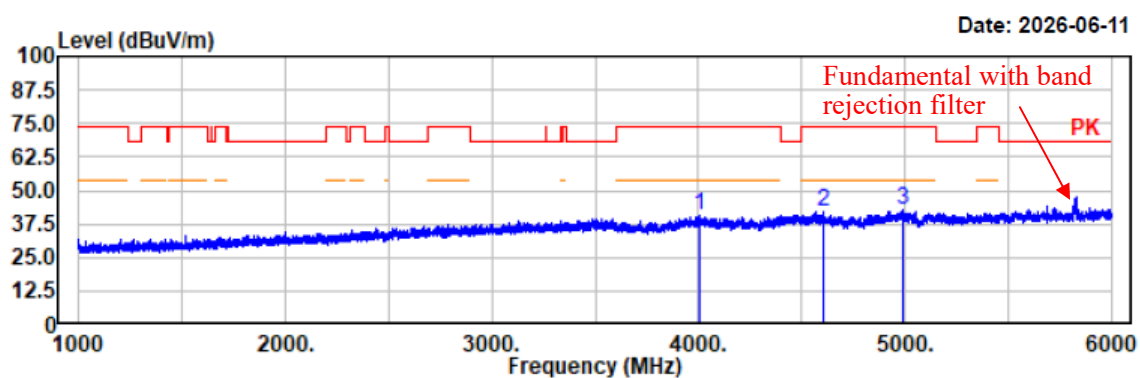


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4066.50	46.76	-6.38	40.38	74.00	33.62	vertical	Peak
4489.50	47.94	-5.37	42.57	68.20	25.63	vertical	Peak
4971.00	46.92	-5.07	41.85	74.00	32.15	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5825MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

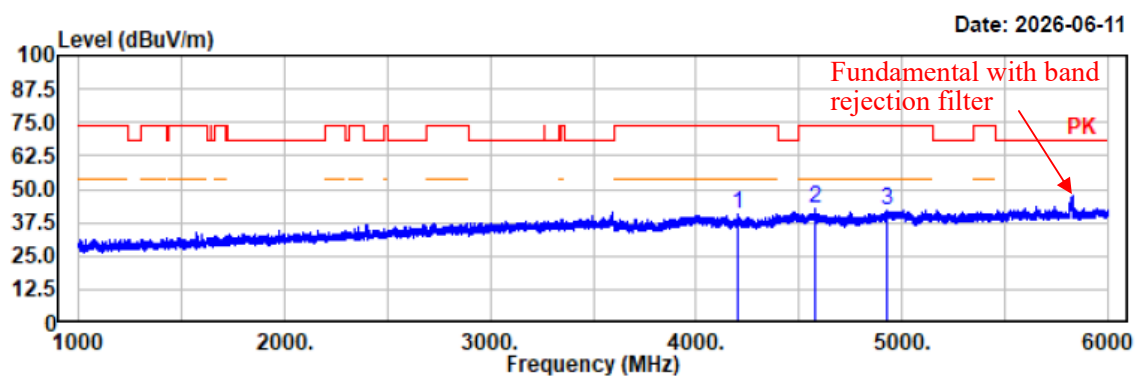


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4007.50	46.97	-6.52	40.45	74.00	33.55	horizontal	Peak
4609.00	47.19	-5.29	41.90	74.00	32.10	horizontal	Peak
4987.00	47.57	-5.02	42.55	74.00	31.45	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5825MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

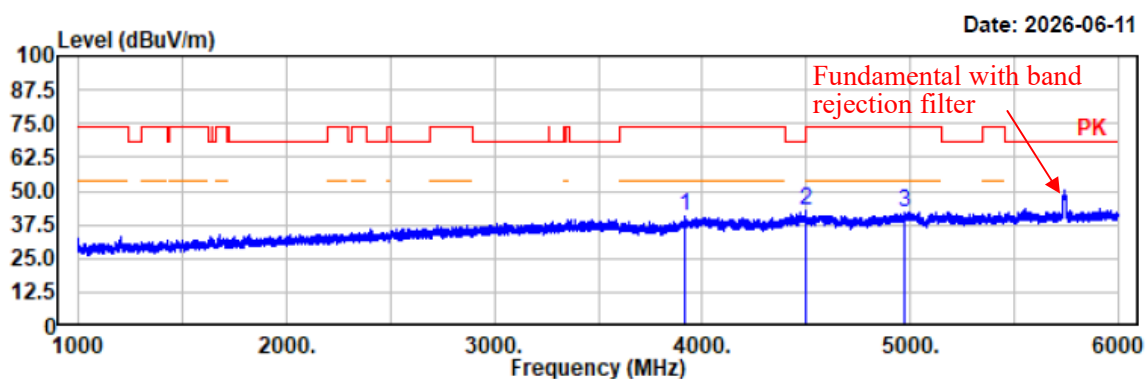


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4205.50	46.40	-5.84	40.56	74.00	33.44	vertical	Peak
4576.50	48.25	-5.33	42.92	74.00	31.08	vertical	Peak
4931.50	47.19	-5.16	42.03	74.00	31.97	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5745MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

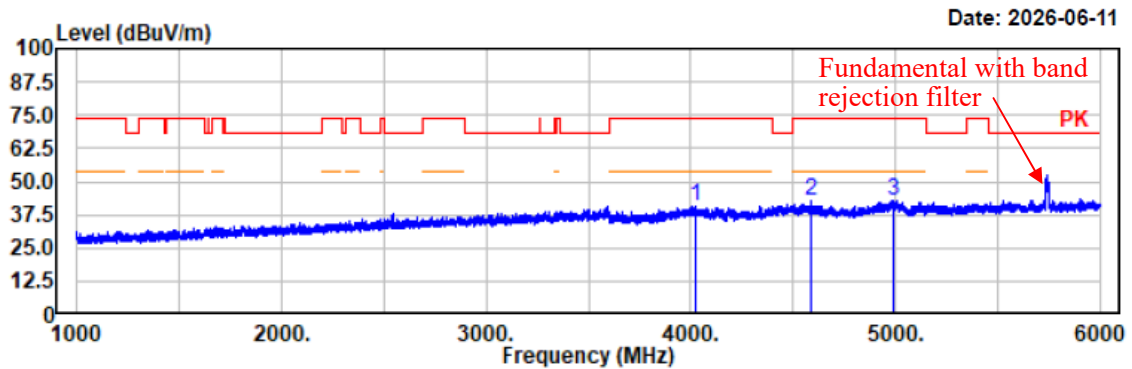


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3915.50	47.29	-6.81	40.48	74.00	33.52	horizontal	Peak
4499.50	48.12	-5.33	42.79	68.20	25.41	horizontal	Peak
4971.00	47.10	-5.07	42.03	74.00	31.97	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5745MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

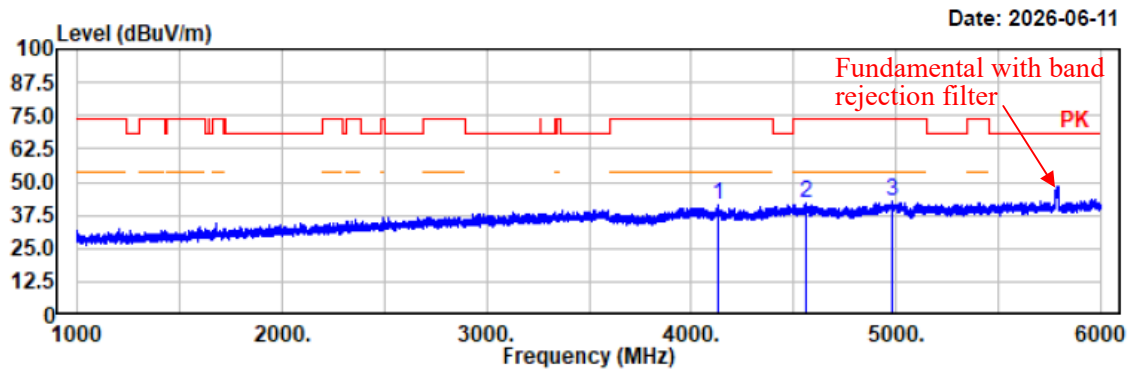


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4024.50	47.11	-6.49	40.62	74.00	33.38	vertical	Peak
4583.50	47.84	-5.32	42.52	74.00	31.48	vertical	Peak
4987.00	47.64	-5.02	42.62	74.00	31.38	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5785MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz

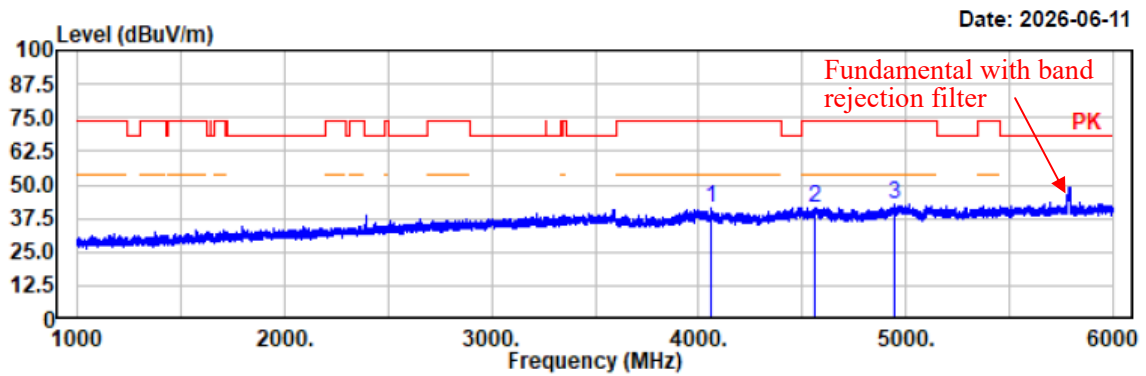


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4135.00	47.34	-6.14	41.20	74.00	32.80	horizontal	Peak
4556.50	47.31	-5.35	41.96	74.00	32.04	horizontal	Peak
4978.50	48.06	-5.04	43.02	74.00	30.98	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5785MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

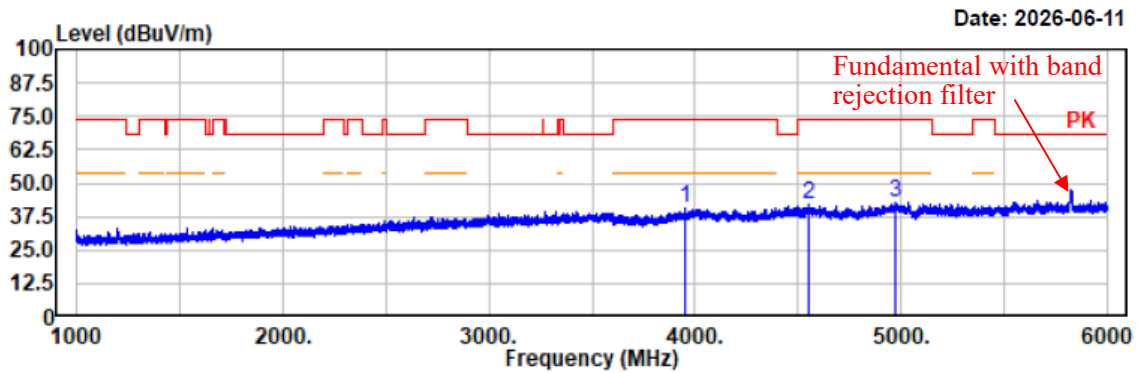


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4056.00	47.71	-6.42	41.29	74.00	32.71	vertical	Peak
4561.00	47.03	-5.35	41.68	74.00	32.32	vertical	Peak
4945.00	47.58	-5.13	42.45	74.00	31.55	vertical	Peak

Project No.: 2607P41361E-RF
 Test Mode: 802.11n20 5825MHz
 EUT Model: AXIUM DX8
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC 120V/60Hz

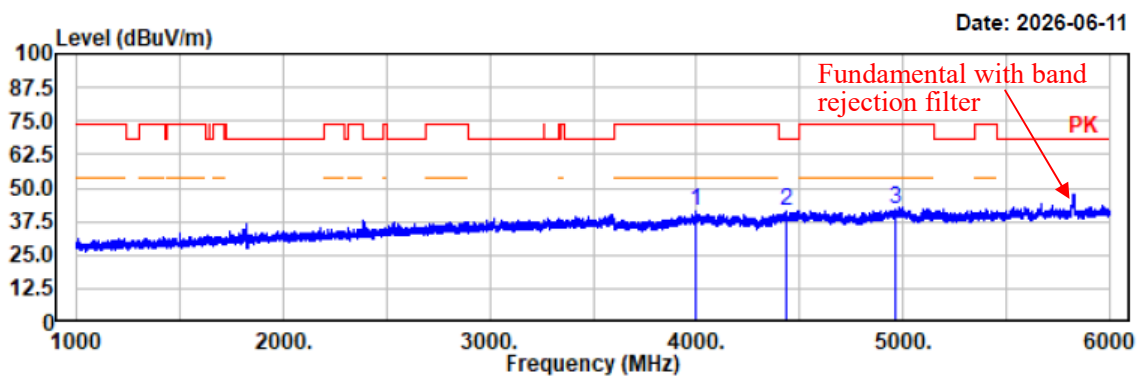


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3950.50	47.41	-6.75	40.66	74.00	33.34	horizontal	Peak
4553.50	47.14	-5.35	41.79	74.00	32.21	horizontal	Peak
4976.00	48.07	-5.05	43.02	74.00	30.98	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n20 5825MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

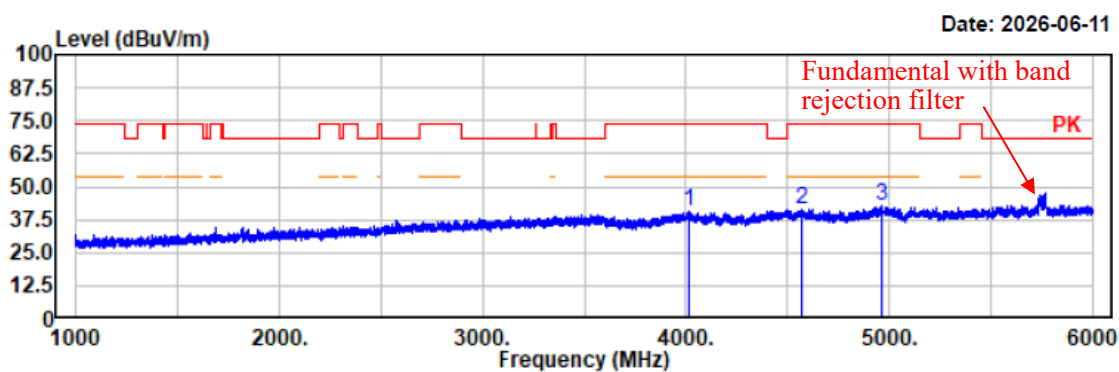


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
3993.00	48.09	-6.57	41.52	74.00	32.48	vertical	Peak
4438.50	47.05	-5.57	41.48	68.20	26.72	vertical	Peak
4962.50	47.17	-5.07	42.10	74.00	31.90	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5755MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

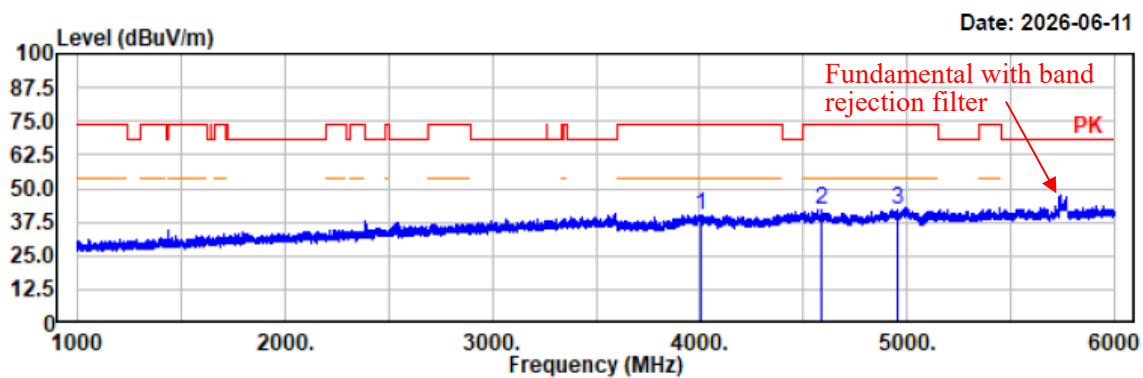


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4018.50	47.15	-6.50	40.65	74.00	33.35	horizontal	Peak
4572.00	46.74	-5.33	41.41	74.00	32.59	horizontal	Peak
4962.00	47.58	-5.08	42.50	74.00	31.50	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5755MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

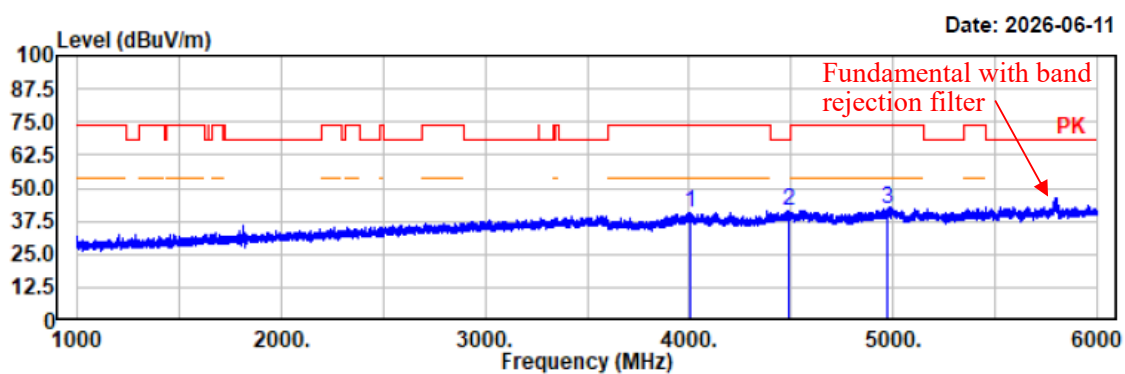


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
4005.50	46.77	-6.53	40.24	74.00	33.76	vertical	Peak
4584.50	47.40	-5.32	42.08	74.00	31.92	vertical	Peak
4958.50	47.17	-5.09	42.08	74.00	31.92	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5795MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

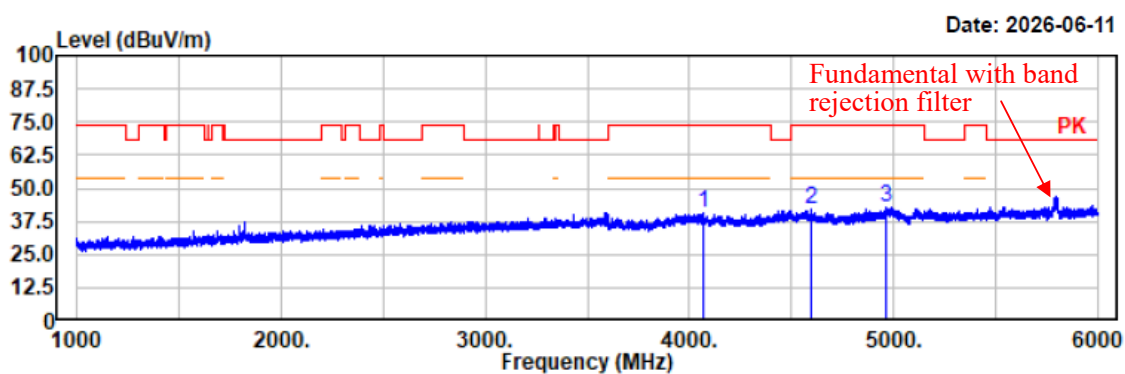


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4006.00	47.16	-6.53	40.63	74.00	33.37	horizontal	Peak
4493.00	46.98	-5.35	41.63	68.20	26.57	horizontal	Peak
4972.00	47.02	-5.07	41.95	74.00	32.05	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11n40 5795MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

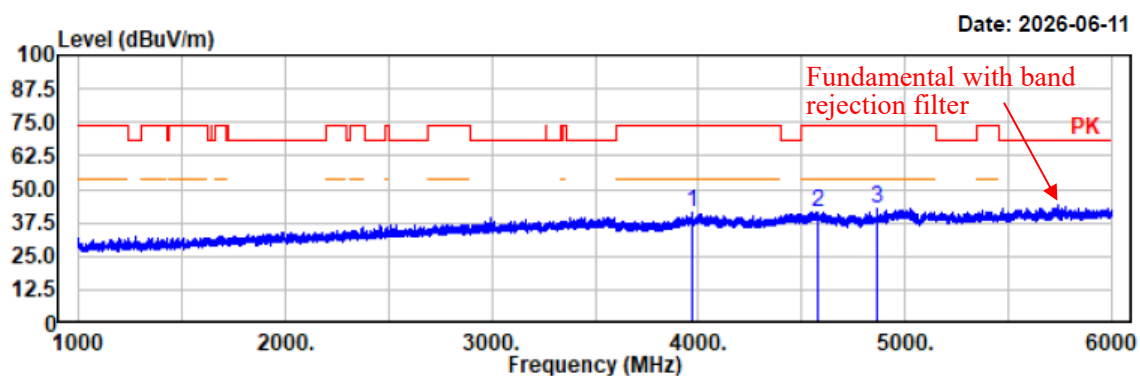


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4065.00	46.79	-6.38	40.41	74.00	33.59	vertical	Peak
4599.00	47.02	-5.29	41.73	74.00	32.27	vertical	Peak
4967.50	47.79	-5.08	42.71	74.00	31.29	vertical	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11ac80 5775MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

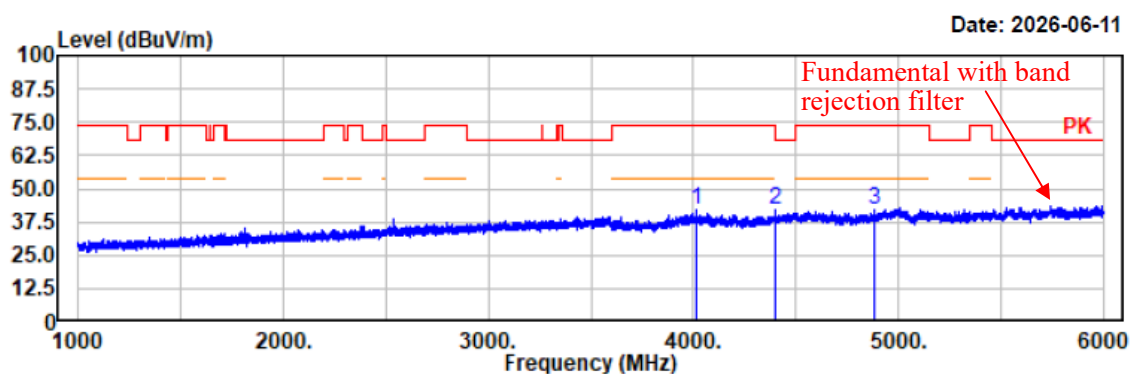


Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
3972.00	47.90	-6.65	41.25	74.00	32.75	horizontal	Peak
4576.00	46.96	-5.33	41.63	74.00	32.37	horizontal	Peak
4862.50	47.97	-5.25	42.72	74.00	31.28	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11ac80 5775MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.1°C/52%/100.1kPa
Tested by: Wliff Wu
Power Source: AC 120V/60Hz



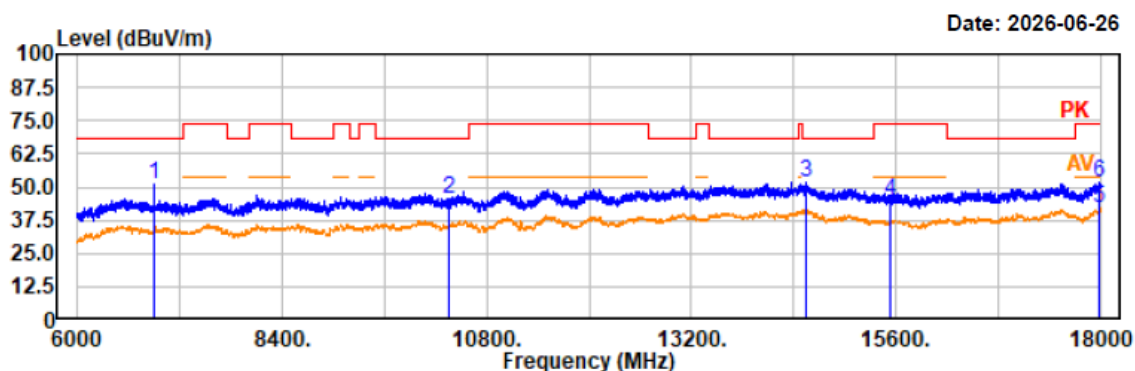
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4012.50	48.27	-6.51	41.76	74.00	32.24	vertical	Peak
4401.00	47.59	-5.66	41.93	68.20	26.27	vertical	Peak
4886.50	47.33	-5.24	42.09	74.00	31.91	vertical	Peak

4) 6GHz~18GHz**Configuration 1#(Scanner variant)****Band 1:**

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5180MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.2°C/62%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

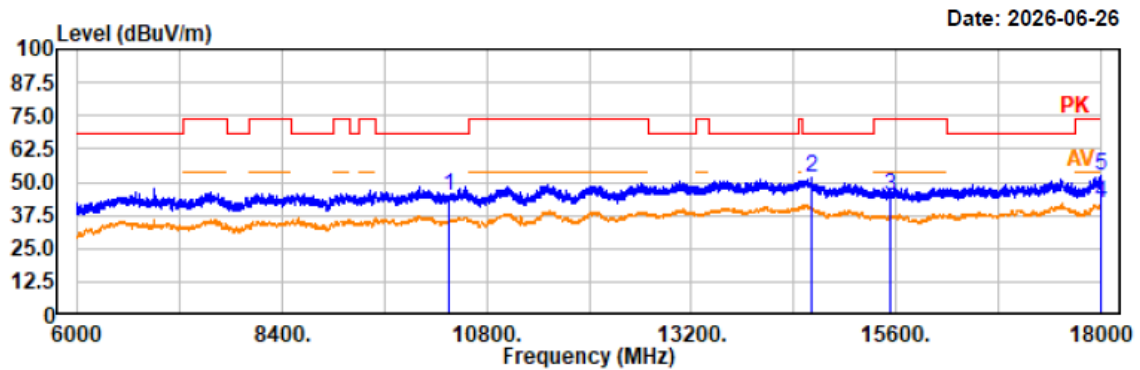
Condition: PK RBW:1MHz VBW:3MHz SWT:auto

AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
6907.20	54.06	-2.77	51.29	68.20	16.91	horizontal	Peak
10360.00	44.08	1.60	45.68	68.20	22.52	horizontal	Peak
14547.60	46.56	5.10	51.66	68.20	16.54	horizontal	Peak
15540.00	42.39	2.48	44.87	74.00	29.13	horizontal	Peak
17991.60	34.94	6.83	41.77	54.00	12.23	horizontal	Average
17991.60	45.07	6.83	51.90	74.00	22.10	horizontal	Peak

Project No.: 2607P41361E-RF
Test Mode: 802.11a 5180MHz
EUT Model: AXIUM DX8
Test distance: 3m

Temp/Humi/ATM: 22.2°C/62%/100.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Trace: 1

Condition: PK RBW:1MHz VBW:3MHz SWT:auto
AV RBW:1MHz VBW:5kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
10360.00	43.05	1.60	44.65	68.20	23.55	vertical	Peak
14613.60	46.48	5.02	51.50	68.20	16.70	vertical	Peak
15540.00	42.50	2.48	44.98	74.00	29.02	vertical	Peak
17995.20	35.23	6.84	42.07	54.00	11.93	vertical	Average
17995.20	45.50	6.84	52.34	74.00	21.66	vertical	Peak