



Project No.: TM-2207000110P
Report No.: TMWK2207002760KR

FCC ID: 2AQ8A-EKSD7X1A

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RADIO TEST REPORT

FCC 47 CFR PART 15 SUBPART C

Test Standard	FCC Part 15.247
Product name	Enkore Smart Auto Electronic Deadbolt
Brand Name	Pamex
Model No.	EKS-D7P1A, EKS-D791A
Test Result	Pass
Statements of Conformity	Determination of compliance is based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

The test Result was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were given in ANSI C63.10: 2013 and compliance standards.

The test results of this report relate only to the tested sample (EUT) identified in this report.

The test Report of full or partial shall not copy. Without written approval of Compliance Certification Services Inc. (Wugu Laboratory)

Approved by:

David Huang

David Huang
Supervisor

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	August 22, 2022	Initial Issue	ALL	Allison Chen

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1. GENERAL INFORMATION

1.1 EUT INFORMATION

Applicant	Pamex Inc. 4680 Vinita Court, Chino, CA, 91710, United States	
Manufacturer	ALZK Co., Ltd. 9F., No. 36, Sec. 3, Bade Rd., Songshan Dist., Taipei City, Taiwan	
Equipment	Enkore Smart Auto Electronic Deadbolt	
Model Name	EKS-D7P1A, EKS-D791A	
Model Discrepancy	Different from color and shell material of the two model numbers (list on this report) are just for marketing purpose only and please see as below:	
	Model:	Electroplating material
	EKS-D7P1A	nickel plating
	EKS-D791A	black paint
Brand Name	Pamex	
Received Date	July 12, 2022	
Date of Test	July 21~August 4, 2022	
Power Supply	Power from Battery. (DC 6V, AA*4, Rating: 1.5Vdc)	

Remark:

1. For more details, please refer to the User's manual of the EUT.
2. Disclaimer: Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.
3. Disclaimer: The variant model numbers are assessed as identical in hardware and software to each other, hence all variants are fully covered by the test results in this test report without further verification test.

1.2 EUT CHANNEL INFORMATION

Frequency Range	2402MHz-2480MHz
Modulation Type	GFSK for BLE 1 Mbps GFSK for BLE 2 Mbps
Number of channels	40 Channels

Remark:

Refer as ANSI C63.10: 2013 clause 5.6.1 Table 4 for test channels

Number of frequencies to be tested		
Frequency range in which device operates	Number of frequencies	Location in frequency range of operation
☐ 1 MHz or less	1	Middle
☐ 1 MHz to 10 MHz	2	1 near top and 1 near bottom
☒ More than 10 MHz	3	1 near top, 1 near middle, and 1 near bottom

1.3 ANTENNA INFORMATION

Antenna Specification	☐ PIFA ☒ PCB ☐ Dipole ☐ Coils
Antenna Gain	Gain: 3.3 dBi
Antenna connector	N/A

Notes:

1.The antenna(s) of the EUT are permanently attached and there are no provisions for connection to an external antenna. So the EUT complies with the requirements of §15.203.

1.4 MEASUREMENT UNCERTAINTY

PARAMETER	UNCERTAINTY
AC Powerline Conducted Emission	± 2.1183
Channel Bandwidth	± 2.1863
RF output power (Power Meter + Power sensor)	± 1.2688
Power Spectral density	± 2.1855
Conducted Bandedge	± 2.1866
Conducted Spurious Emission	± 2.1859
Radiated Emission_9kHz-30MHz	± 3.814
Radiated Emission_30MHz-200MHz	± 4.272
Radiated Emission_200MHz-1GHz	± 4.619
Radiated Emission_1GHz-6GHz	± 5.522
Radiated Emission_6GHz-18GHz	± 5.228
Radiated Emission_18GHz-26GHz	± 4.089
Radiated Emission_26GHz-40GHz	± 4.019

Remark:

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$
2. ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report.



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1.5 FACILITIES AND TEST LOCATION

All measurement facilities used to collect the measurement data are located at No.11, Wugong 6th Rd., Wugu Dist., New Taipei City, Taiwan. (R.O.C.)

CAB identifier: TW1309

Test site	Test Engineer	Remark
AC Conduction Room	-	Not applicable, because EUT doesn't connect to AC Main Source direct.
Radiation	Ray Li, Tony Chao	-
RF Conducted	David Li	-

Remark: The lab has been recognized as the FCC accredited lab. under the KDB 974614 D01 and is listed in the FCC public Access Link (PAL) database, FCC Registration No. :444940, the FCC Designation No.:TW1309



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1.6 INSTRUMENT CALIBRATION

RF Conducted Test Site					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
EXA Signal Analyzer	KEYSIGHT	N9010B	MY55460167	09/07/2021	09/06/2022
Power Meter	Anritsu	ML2496A	2136002	12/06/2021	12/05/2022
Power Seneor	Anritsu	MA2411B	1911386	08/19/2021	08/18/2022
Power Seneor	Anritsu	MA2411B	1911387	08/19/2021	08/18/2022
Software	Radio Test Software Ver. 21				

966A Chamber					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
Band Reject Filters	MICRO TRONICS	BRM 50702	112	11/23/2021	11/22/2022
Bilog Antenna	Sunol Sciences	JB1	A052609	02/15/2022	02/14/2023
Coaxial Cable	HUBER SUHNER	SUCOFLEX 104PEA	20995	02/23/2022	02/22/2023
Coaxial Cable	EMCI&	EMC105	190914+33953	06/15/2022	06/14/2023
Coaxial Cable	Woken	J-1099	201709090004	12/23/2021	12/22/2022
Digital Thermo-Hygro Meter	WISEWIND	1206	D07	12/28/2021	12/27/2022
Horn Antenna	ETS LINDGREN	3116	00026370	11/30/2021	11/29/2022
Horn Antenna	MCTD	1209	DRH13M02003	01/25/2022	01/24/2023
K Type Cable	Huber+Suhner	SUCOFLEX 102	29406/2	12/05/2021	12/04/2022
Pre-Amplifier	EMEC	EM330	060609	02/23/2022	02/22/2023
Pre-Amplifier	HP	8449B	3008A00965	12/24/2021	12/23/2022
PSA Series Spectrum Analyzer	Agilent	E4446A	MY46180323	12/06/2021	12/05/2022
Antenna Tower	CCS	CC-A-1F	N/A	N.C.R	N.C.R
Controller	CCS	CC-C-1F	N/A	N.C.R	N.C.R
Turn Table	CCS	CC-T-1F	N/A	N.C.R	N.C.R
Software	e3 210616				

Remark:

1. Each piece of equipment is scheduled for calibration once a year.
2. N.C.R. = No Calibration Required.



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1.7 SUPPORT AND EUT ACCESSORIES EQUIPMENT

EUT Accessories Equipment						
No.	Equipment	Brand	Model	Series No.	FCC ID	IC
	N/A					

Support Equipment						
No.	Equipment	Brand	Model	Series No.	FCC ID	IC
1	NB(G)	Lenovo	IBM 1951	R33B65	CJ6UPA3489WL	N/A
2	NB(E)	Lenovo	IBM 7663	N/A	N/A	N/A

1.8 TEST METHODOLOGY AND APPLIED STANDARDS

The test methodology, setups and results comply with all requirements in accordance with ANSI C63.10:2013, FCC Part 2, FCC Part 15.247.

2. TEST SUMMARY

FCC Standard Section	Report Section	Test Item	Result
15.203	1.3	Antenna Requirement	Pass
15.207(a)	4.1	AC Conducted Emission	N/A
15.247(a)(2)	4.2	6 dB Bandwidth	Pass
-	4.2	Occupied Bandwidth (99%)	Pass
15.247(b)(3)	4.3	Output Power Measurement	Pass
15.247(e)	4.4	Power Spectral Density	Pass
15.247(d)	4.5	Conducted Band Edge	Pass
15.247(d)	4.5	Conducted Spurious Emission	Pass
15.247(d)	4.6	Radiation Band Edge	Pass
15.247(d)	4.6	Radiation Spurious Emission	Pass



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3. DESCRIPTION OF TEST MODES

3.1 THE WORST MODE OF OPERATING CONDITION

Operation mode	BLE Mode (1Mbps) BLE Mode (2Mbps)
Test Channel Frequencies	1.Lowest Channel : 2402MHz 2.Middle Channel : 2442MHz 3.Highest Channel : 2480MHz

Remark:

1. EUT pre-scanned data rate of output power for each mode, the worst data rate were recorded in this report.
2. The RF and electrical characteristics of the EKS-D7P1A and EKS-D791A test samples are identical. The only difference is the shell material and color, both EKS-D7P1A and EKS-D791A have been verified test, EKS-D791A sample has the worst spurious emissions, so EKS-D791A test sample is full tested, EKS-D7P1A sample verified EKS-D791A Worst case.

3.2 THE WORST MODE OF MEASUREMENT

Radiated Emission Measurement Above 1G	
Test Condition	Radiated Emission Above 1G
Power supply Mode	Mode 1: EUT power by Battery(EKS-D791A) Mode 2: EUT power by Battery(EKS-D7P1A)
Worst Mode	☒ Mode 1 ☐ Mode 2 ☐ Mode 3 ☐ Mode 4
Worst Position	☐ Placed in fixed position. ☐ Placed in fixed position at X-Plane (E2-Plane) ☐ Placed in fixed position at Y-Plane (E1-Plane) ☒ Placed in fixed position at Z-Plane (H-Plane)

Radiated Emission Measurement Below 1G	
Test Condition	Radiated Emission Below 1G
Power supply Mode	Mode 1: EUT power by Battery(EKS-D791A) Mode 2: EUT power by Battery(EKS-D7P1A)
Worst Mode	☒ Mode 1 ☐ Mode 2 ☐ Mode 3 ☐ Mode 4

Remark:

1. The worst mode was record in this test report.
2. EUT pre-scanned in three axis ,X,Y, Z and two polarity, for radiated measurement. The worst case(Z-Plane) were recorded in this report

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3.3 EUT DUTY CYCLE

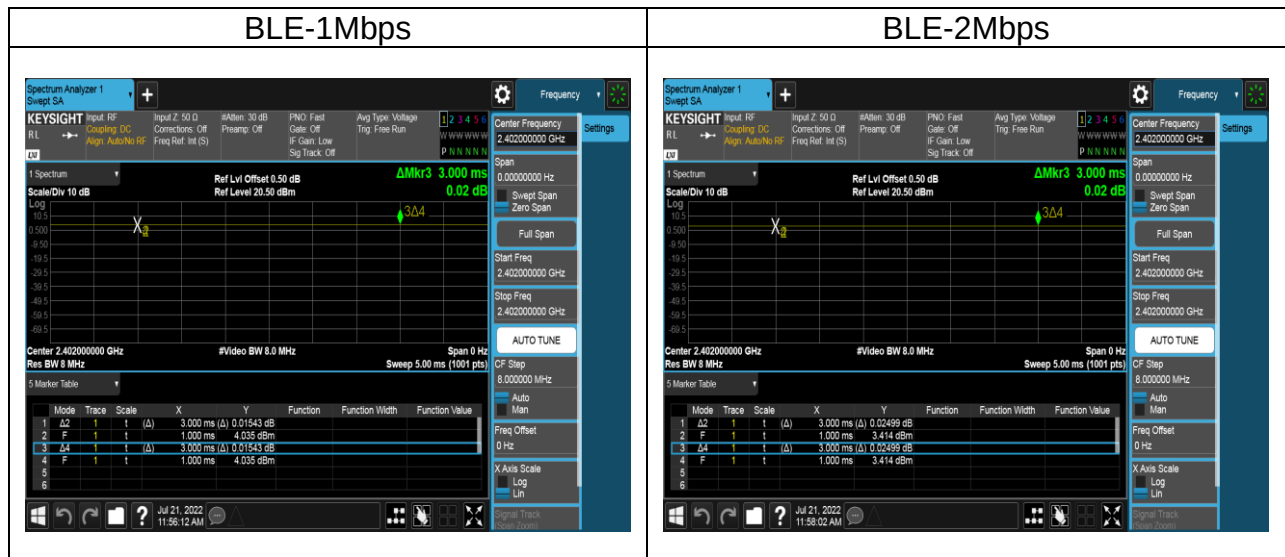
Temperature: 25.9~26.4°C

Test date: July 21~22, 2022

Humidity: 49~52% RH

Tested by: David Li

Duty Cycle				
Configuration	Duty Cycle (%) = Ton / (Ton+Toff)	Duty Factor (dB) = 10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
BLE 1M	100.00	0.00	0.57	0.01
BLE 2M	100.00	0.00	0.57	0.01



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4. TEST RESULT

4.1 AC POWER LINE CONDUCTED EMISSION

4.1.1 Test Limit

According to §15.207(a),

Frequency Range (MHz)	Limits(dB μ V)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56*	56 to 46*
0.50 to 5	56	46
5 to 30	60	50

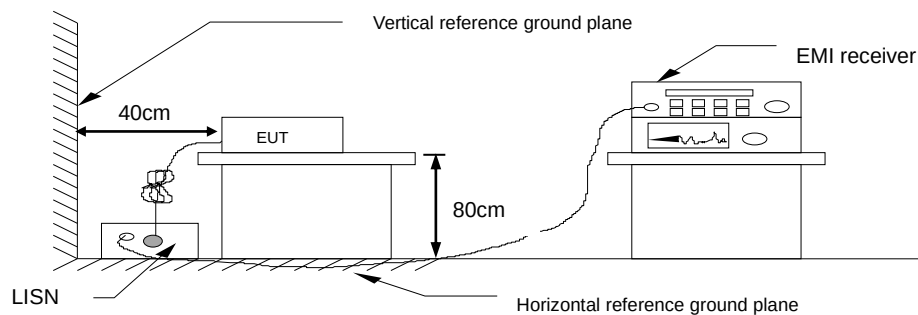
* Decreases with the logarithm of the frequency.

4.1.2 Test Procedure

Test method Refer as ANSI C63.10: 2013 clause 6.2,

1. The EUT was placed above horizontal ground plane and 0.4m above vertical ground plane
2. EUT connected to the line impedance stabilization network (LISN)
3. Receiver set RBW of 9kHz and Detector Peak, and note as quasi-peak and average.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. Recorded Line for Neutral and Line.

4.1.3 Test Setup



4.1.4 Test Result

Not applicable, because EUT doesn't connect to AC Main Source direct.

4.2 6dB BANDWIDTH AND OCCUPIED BANDWIDTH (99%)

4.2.1 Test Limit

According to §15.247(a)(2)

6 dB Bandwidth :

Limit	Shall be at least 500kHz
-------	--------------------------

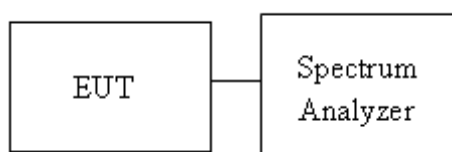
Occupied Bandwidth(99%) : For reporting purposes only.

4.2.2 Test Procedure

Test method Refer as ANSI C63.10: 2013,

1. The EUT RF output connected to the spectrum analyzer by RF cable.
2. Setting maximum power transmit of EUT.
3. SA set RBW = 100KHz, VBW = 300KHz and Detector = Peak, to measurement 6dB Bandwidth.
4. SA set RBW = 1% ~ 5% OBW, VBW = three times the RBW and Detector = Peak, to measurement 99% Bandwidth.
5. Measure and record the result of 6 dB Bandwidth and 99% Bandwidth. in the test report.

4.2.3 Test Setup





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4.2.4 Test Result

Temperature: 25.9~26.4°C

Test date: July 21~22, 2022

Humidity: 49~52% RH

Tested by: David Li

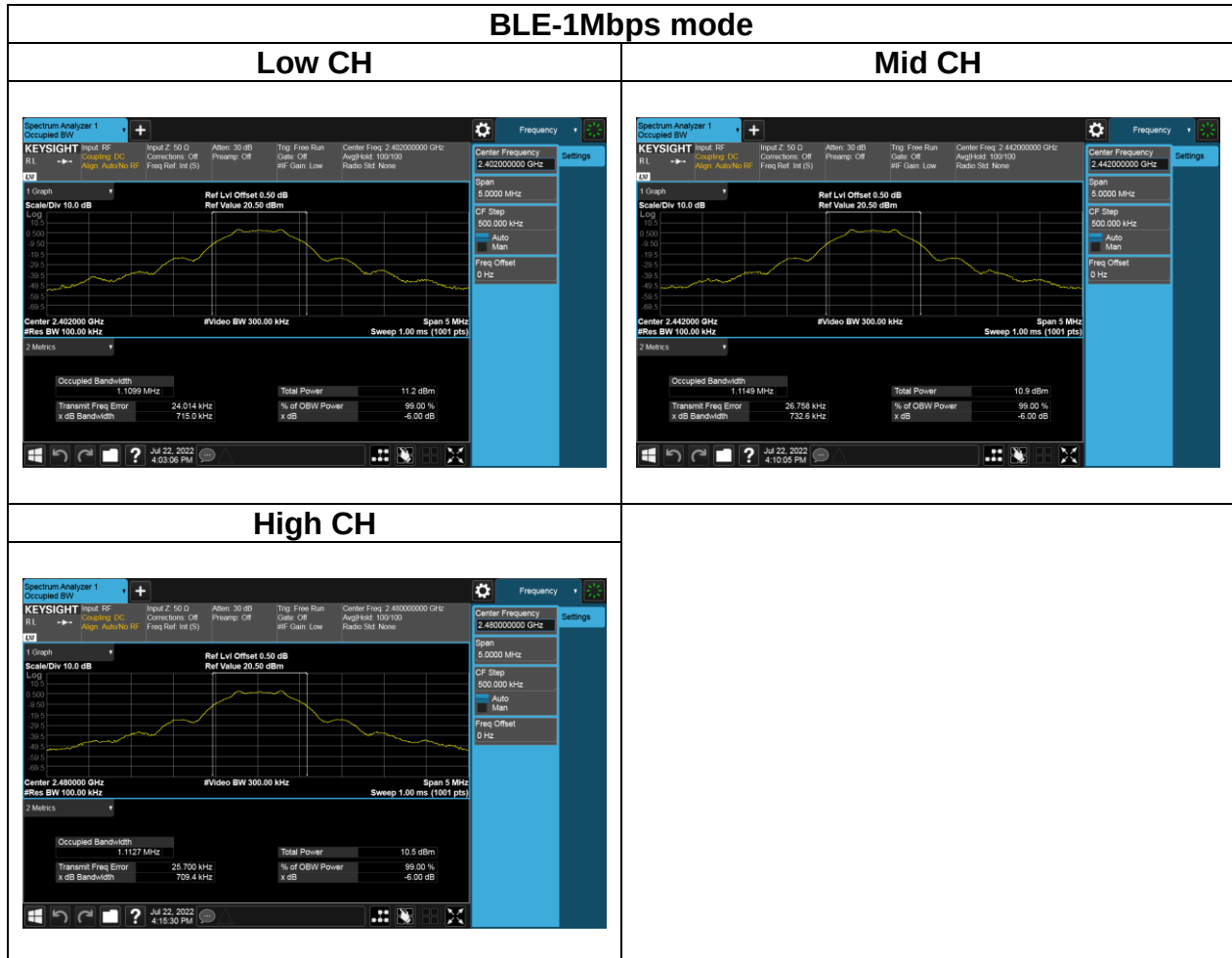
Test mode: BLE-1Mbps mode / 2402-2480 MHz				
Channel	Frequency (MHz)	OBW (99%) (MHz)	6dB BW (MHz)	6dB limit (kHz)
Low	2402	1.0812	0.715	≥500
Mid	2442	1.0818	0.7326	
High	2480	1.0809	0.7094	

Test mode: BLE-2Mbps mode / 2402-2480 MHz				
Channel	Frequency (MHz)	OBW (99%) (MHz)	6dB BW (MHz)	6dB limit (kHz)
Low	2402	2.0659	1.423	≥500
Mid	2442	2.0627	1.433	
High	2480	2.0671	1.371	

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Test Data

6dB BANDWIDTH



BLE-2Mbps mode

Low CH



Mid CH

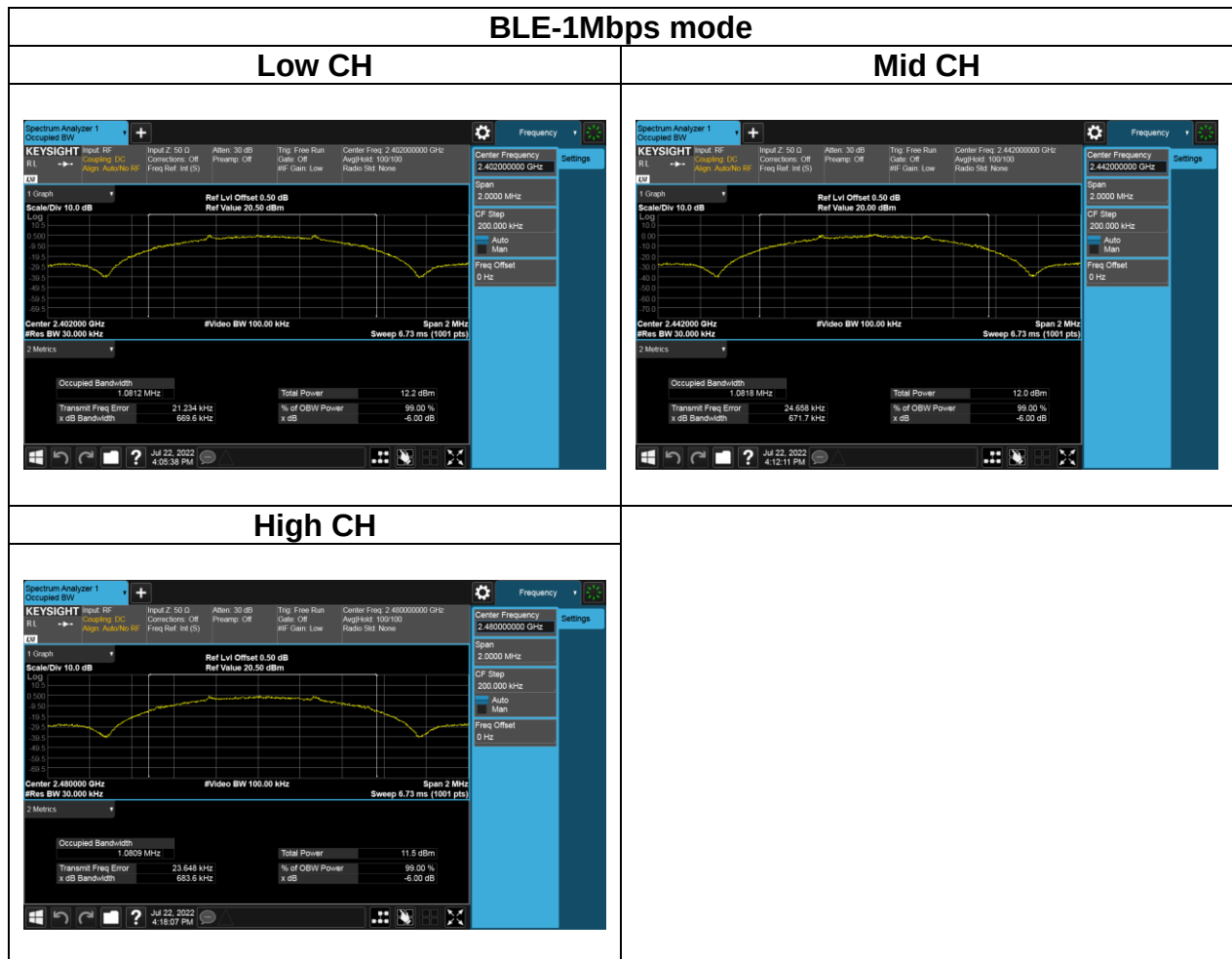


High CH



Test Data

BANDWIDTH (99%)

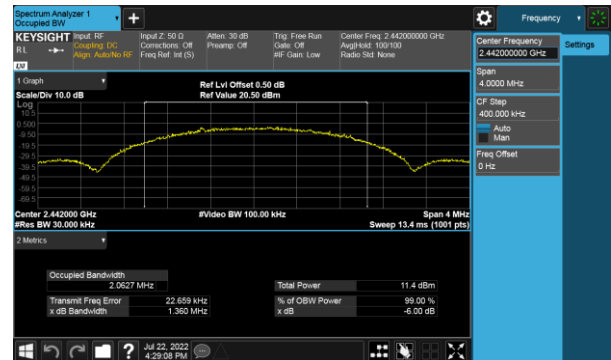


BLE-2Mbps mode

Low CH



Mid CH



High CH





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4.3 OUTPUT POWER MEASUREMENT

4.3.1 Test Limit

According to §15.247(b)(3)

Peak output power :

FCC

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement,

Limit	☒ Antenna not exceed 6 dBi : 30dBm ☐ Antenna with DG greater than 6 dBi [Limit = 30 – (DG – 6)] ☐ Point-to-point operation
-------	---

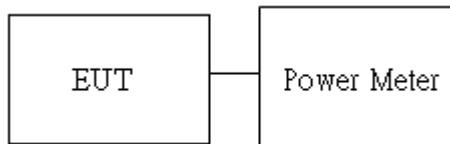
Average output power : For reporting purposes only.

4.3.2 Test Procedure

Test method Refer as ANSI C63.10:2013.

1. The EUT RF output connected to the power meter by RF cable.
2. Setting maximum power transmit of EUT.
3. The path loss was compensated to the results for each measurement.
4. Measure and record the result of Peak output power and Average output power. in the test report.

4.3.3 Test Setup



4.3.4 Test Result

Temperature: 25.9~26.4°C

Test date: July 21~22, 2022

Humidity: 49~52% RH

Tested by: David Li

Peak output power :

BLE 1M mode:

CH	Frequency (MHz)	Power set	Peak Power Output (dBm)	Required Limit (dBm)
Low	2402	5	3.69	30
Mid	2442	5	3.34	30
High	2480	5	2.90	30

BLE 2M mode:

CH	Frequency (MHz)	Power set	Peak Power Output (dBm)	Required Limit (dBm)
Low	2402	5	3.67	30
Mid	2442	5	3.35	30
High	2480	5	2.92	30

Average output power :

BLE 1M mode:

CH	Frequency (MHz)	Power set	Peak Power Output (dBm)	Required Limit (dBm)
Low	2402	5	3.63	30
Mid	2442	5	3.28	30
High	2480	5	2.85	30

BLE 2M mode:

CH	Frequency (MHz)	Power set	Peak Power Output (dBm)	Required Limit (dBm)
Low	2402	5	3.62	30
Mid	2442	5	3.29	30
High	2480	5	2.86	30

4.4 POWER SPECTRAL DENSITY

4.4.1 Test Limit

According to §15.247(e)

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

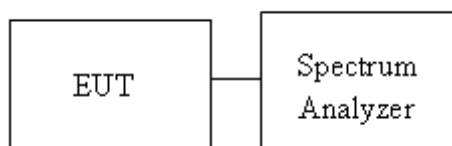
Limit	☒ Antenna not exceed 6 dBi : 8dBm ☐ Antenna with DG greater than 6 dBi [Limit = 8 – (DG – 6)] ☐ Point-to-point operation :
-------	---

4.4.2 Test Procedure

Test method Refer as ANSI C63.10:2013.

1. The EUT RF output connected to the spectrum analyzer by RF cable.
2. Setting maximum power transmit of EUT
3. SA set RBW = 3kHz, VBW = 10kHz, Span = 1.5 times DTS Bandwidth (6 dB BW), Detector = Peak, Sweep Time = Auto and Trace = Max hold.
4. The path loss and Duty Factor were compensated to the results for each measurement by SA.
5. Mark the maximum level.
6. Measure and record the result of power spectral density. in the test report.

4.4.3 Test Setup





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4.4.4 Test Result

Temperature: 25.9~26.4°C

Test date: July 21~22, 2022

Humidity: 49~52% RH

Tested by: David Li

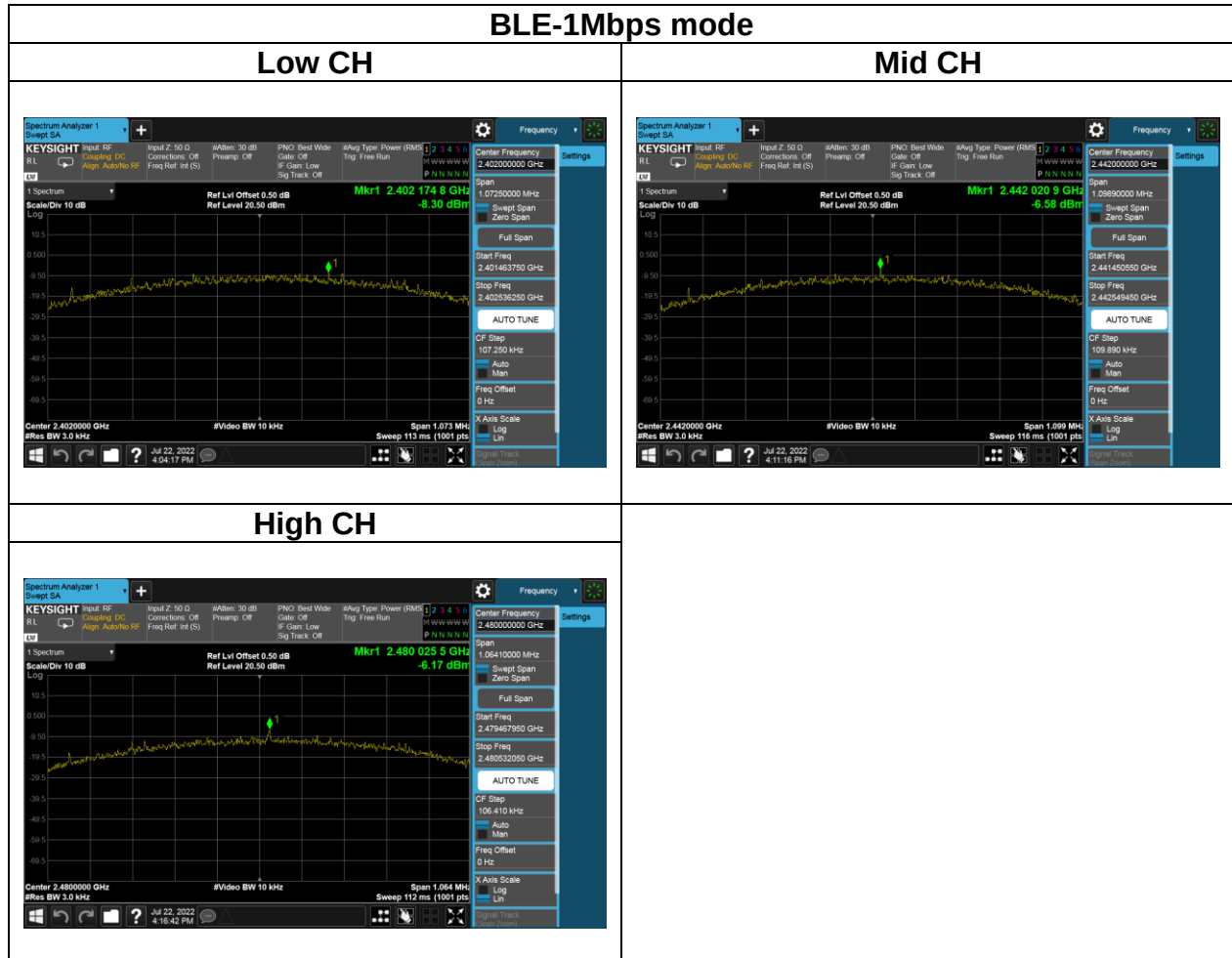
BLE 1M mode

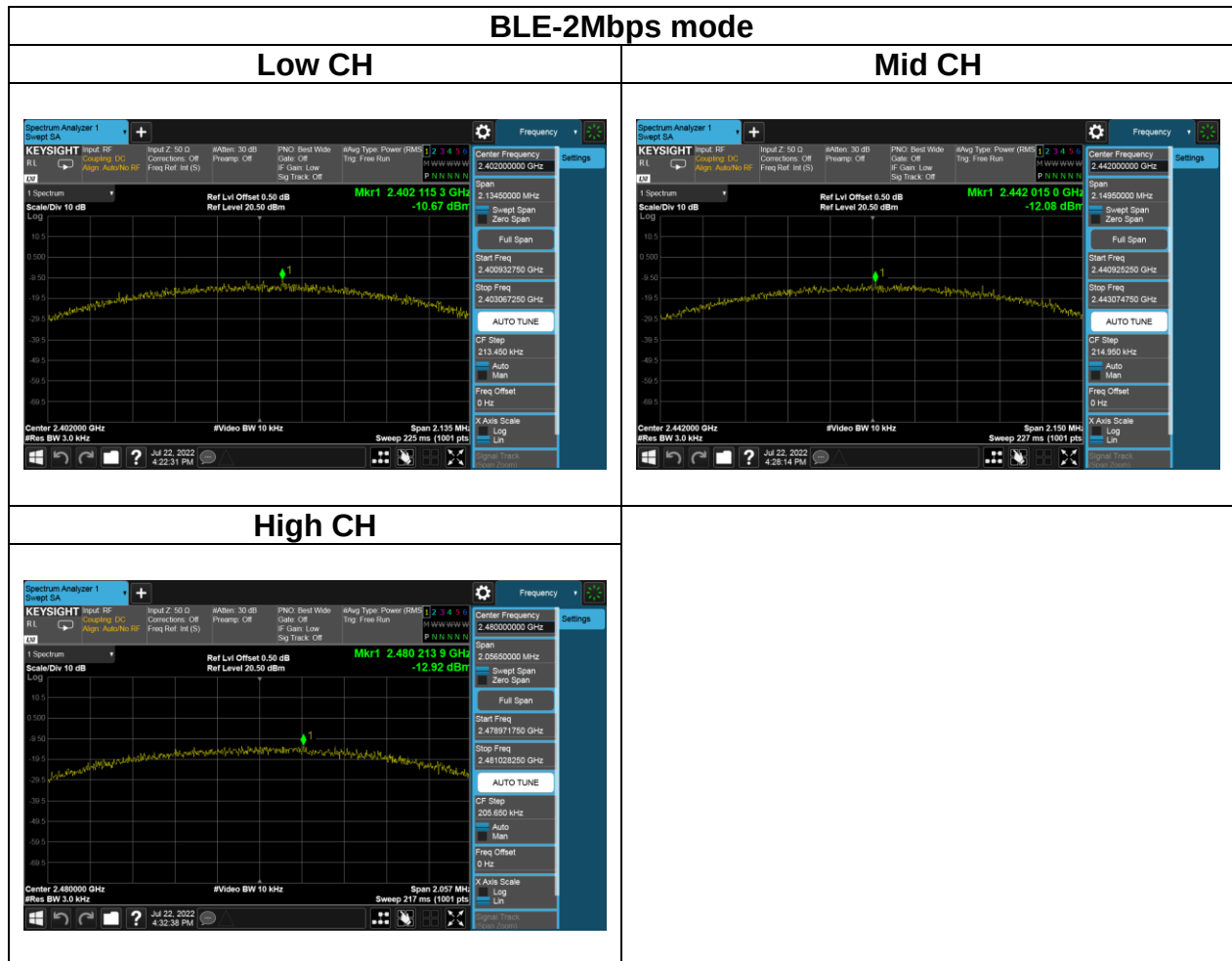
Frequency (MHz)	RF Power Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2402	-8.300	8	PASS
2442	-6.580	8	PASS
2480	-6.170	8	PASS

BLE 2M mode

Frequency (MHz)	RF Power Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2402	-10.670	8	PASS
2442	-12.080	8	PASS
2480	-12.920	8	PASS

Test Data





4.5 CONDUCTED BAND EDGE AND SPURIOUS EMISSION

4.5.1 Test Limit

According to §15.247(d)

FCC: In any 100 kHz bandwidth outside the authorized frequency band,

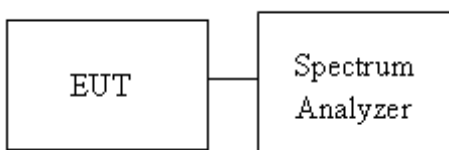
Non-restricted bands shall be attenuated at least 20 dB/30 dB relative to the maximum PSD level in 100 kHz by RF conducted or a radiated measurement which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

4.5.2 Test Procedure

Test method Refer as ANSI C63.10:2013.

1. EUT RF output port connected to the SA by RF cable, and the path loss was compensated to result.
2. SA setting, RBW=100kHz, VBW=300kHz, Detector=Peak, Trace mode = max hold, SWT = Auto.
3. In any 100 kHz bandwidth outside the authorized frequency band, shall be attenuated at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when conducted power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

4.5.3 Test Setup



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4.5.4 Test Result

Test Data

Temperature: 25.9~26.4°C

Test date: July 21~22, 2022

Humidity: 49~52% RH

Tested by: David Li

BLE-1Mbps mode Low CH

Reference Level

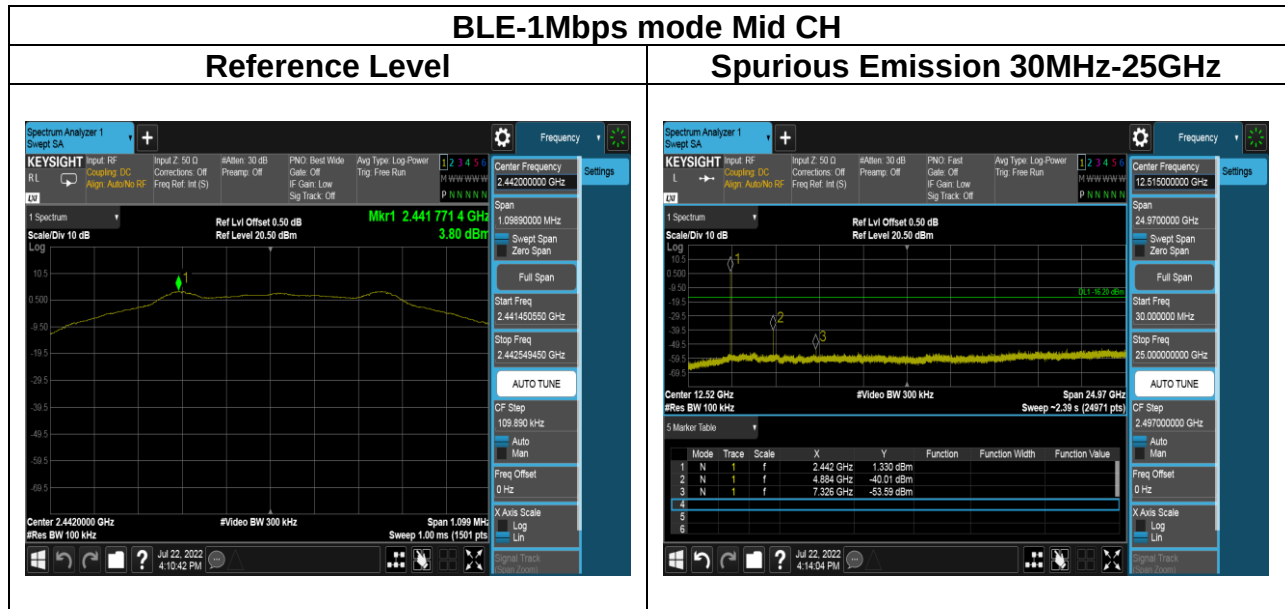


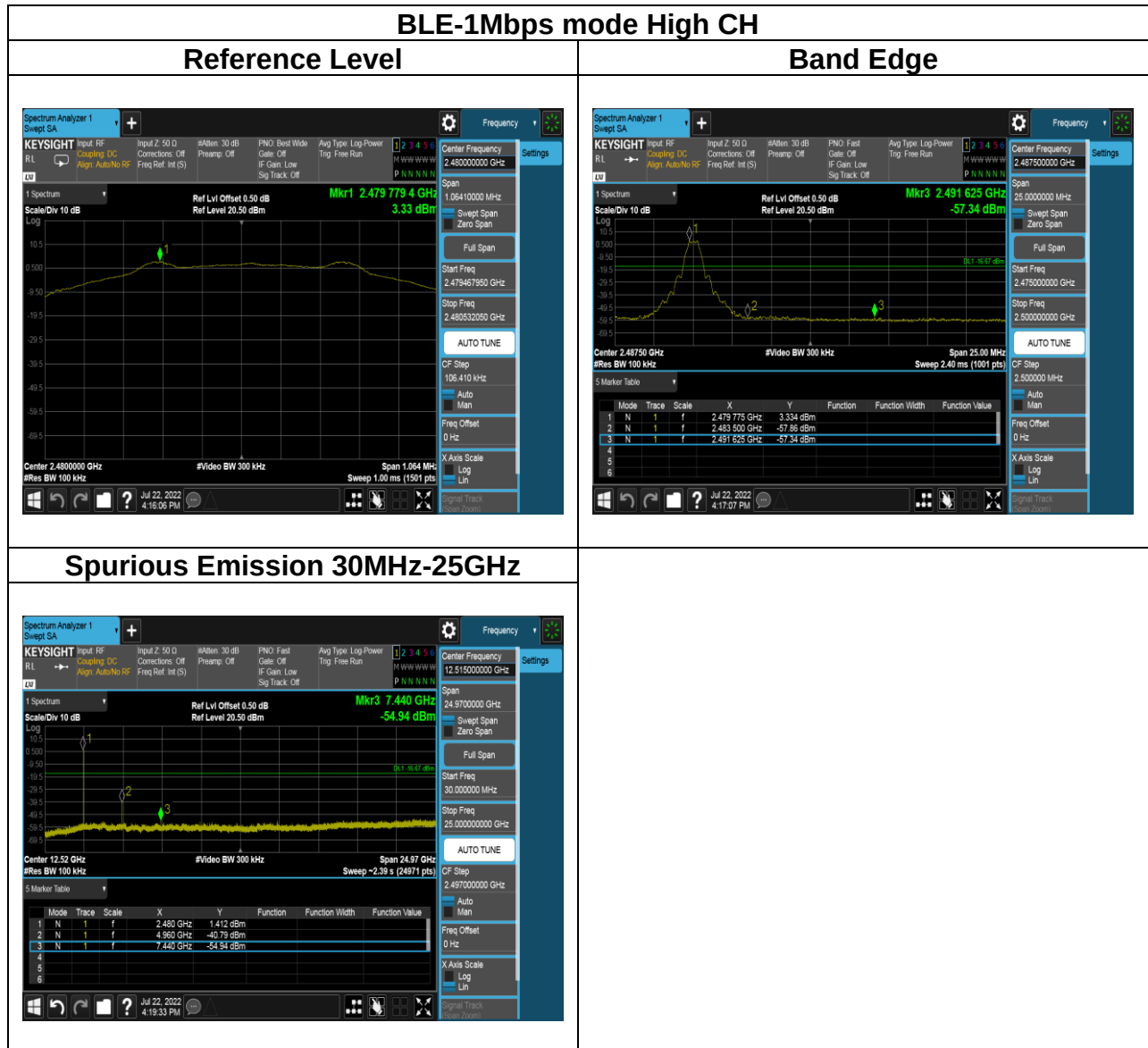
Band Edge



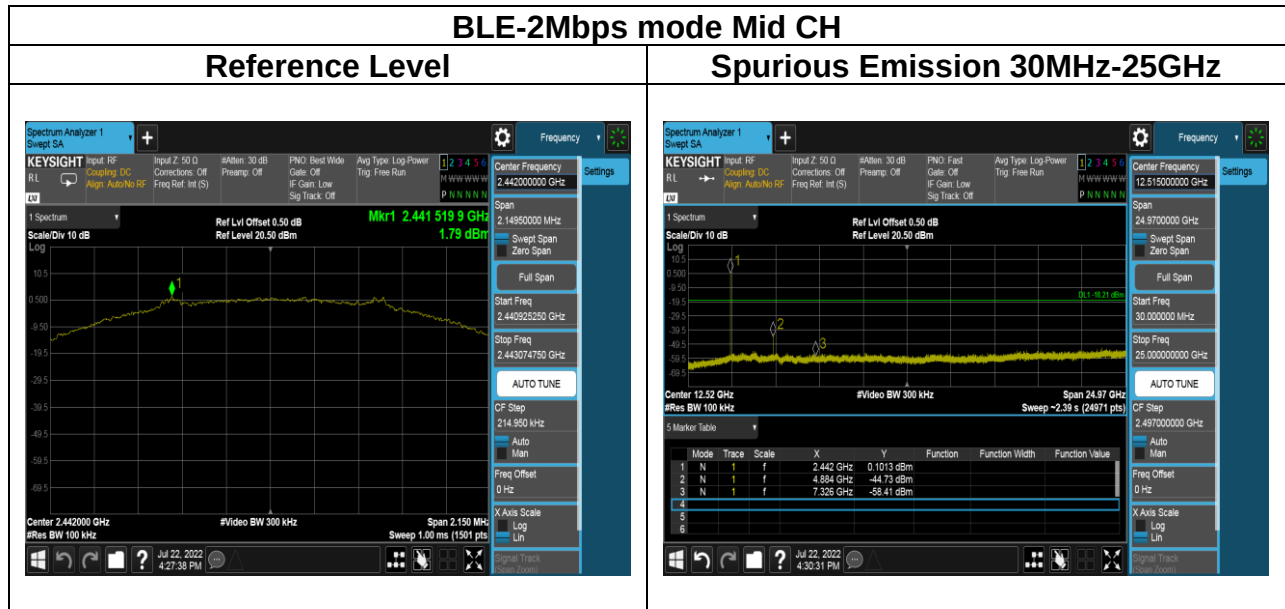
Spurious Emission 30MHz-25GHz

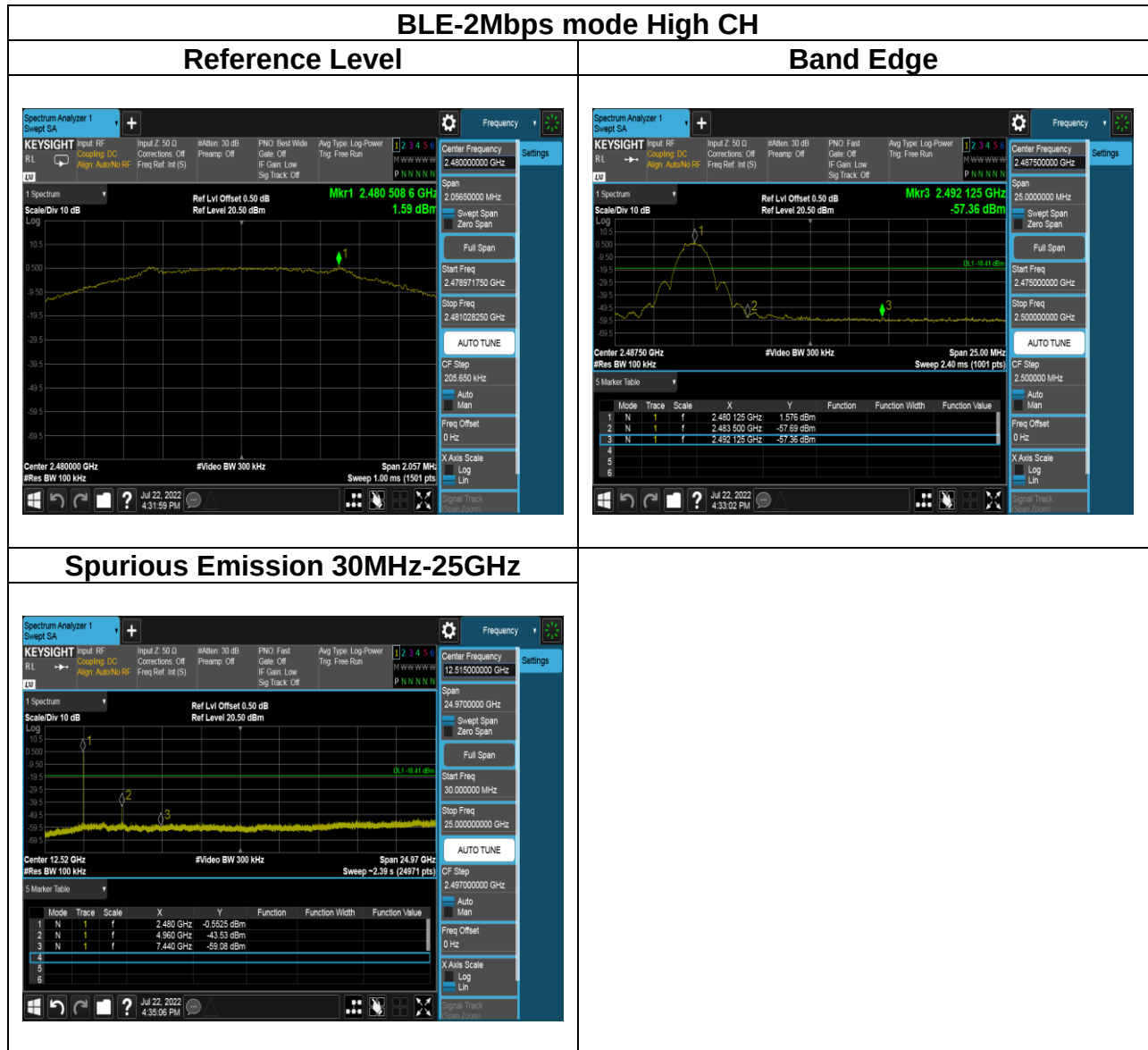












4.6 RADIATION BANDEDGE AND SPURIOUS EMISSION

4.6.1 Test Limit

FCC according to §15.247(d), §15.209 and §15.205,

In any 100 kHz bandwidth outside the authorized frequency band, all harmonic and spurious must be least 20 dB below the highest emission level with the authorized frequency band. Radiation emission which fall in the restricted bands must also follow the FCC section 15.209 as below limit in table.

Below 30 MHz

Frequency	Field Strength (microvolts/m)	Magnetic H-Field (microamperes/m)	Measurement Distance (metres)
9-490 kHz	2,400/F (F in kHz)	2,400/F (F in kHz)	300
490-1,705 kHz	24,000/F (F in kHz)	24,000/F (F in kHz)	30
1.705-30 MHz	30	N/A	30

Above 30 MHz

Frequency (MHz)	Field Strength microvolts/m at 3 metres (watts, e.i.r.p.)	
	Transmitters	Receivers
30-88	100 (3 nW)	100 (3 nW)
88-216	150 (6.8 nW)	150 (6.8 nW)
216-960	200 (12 nW)	200 (12 nW)
Above 960	500 (75 nW)	500 (75 nW)

Remark:

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open area test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

4.6.2 Test Procedure

Test method Refer as ANSI C63.10:2013.

1. The EUT is placed on a turntable, Above 1 GHz is 1.5m and below 1 GHz is 0.8m above ground plane. The EUT Configured un accordance with ANSI C63.10: 2013, and the EUT set in a continuous mode.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. And EUT is set 3m away from the receiving antenna, which is scanned from 1m to 4m above the ground plane to find out the highest emissions. Measurement are made polarized in both the vertical and the horizontal positions with antenna.
3. Span shall wide enough to full capture the emission measured. The SA from 9KHz to 26.5GHz set to the low, Mid and High channels with the EUT transmit.

Remark:

1. Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open are test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.
2. No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

3. The SA setting following :

- (1) Below 1G : RBW = 100kHz, VBW $\geq$ 3 RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
- (2) Above 1G :
 - (2.1) For Peak measurement : RBW = 1MHz, VBW $\geq$ 3 RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
 - (2.2) For Average measurement : RBW = 1MHz, VBW
If Duty Cycle $\geq$ 98%, VBW=10Hz.
If Duty Cycle < 98%, VBW=1/T.

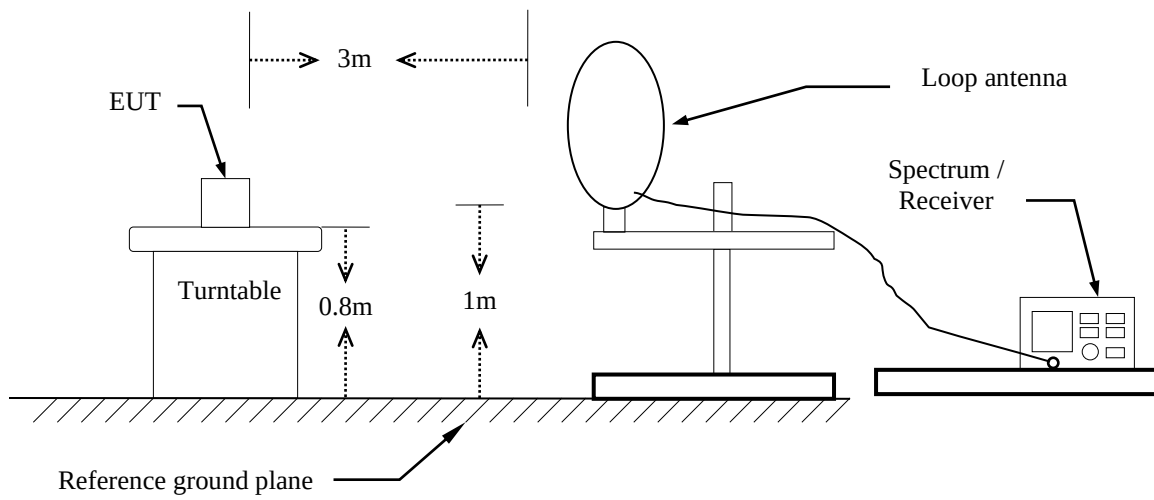
4. Data result

Actual FS=Spectrum Reading Level+Factor

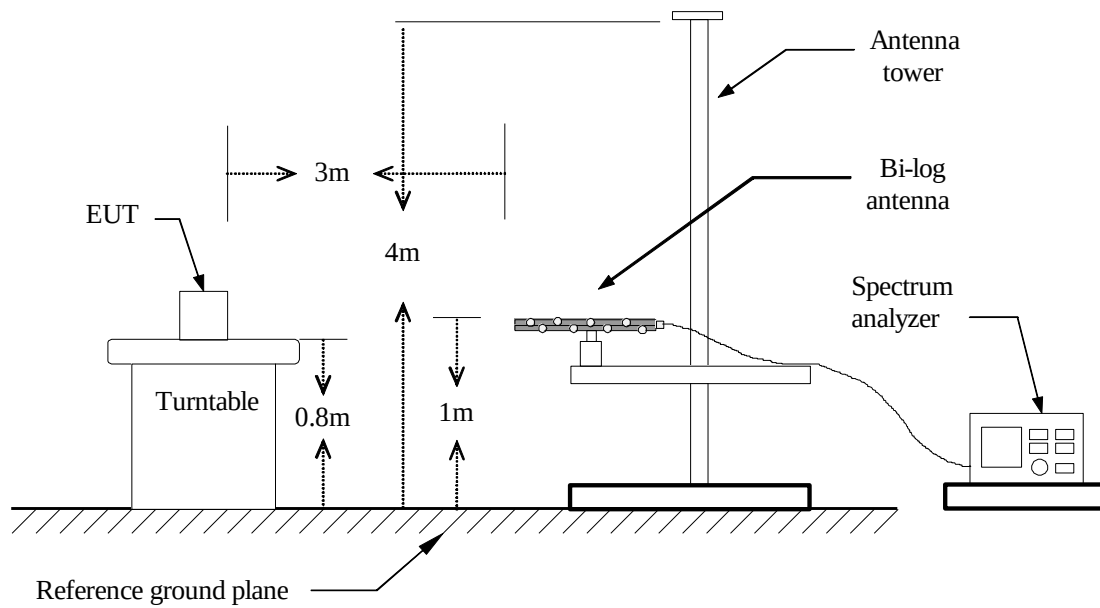
Margin=Actual FS- Limit

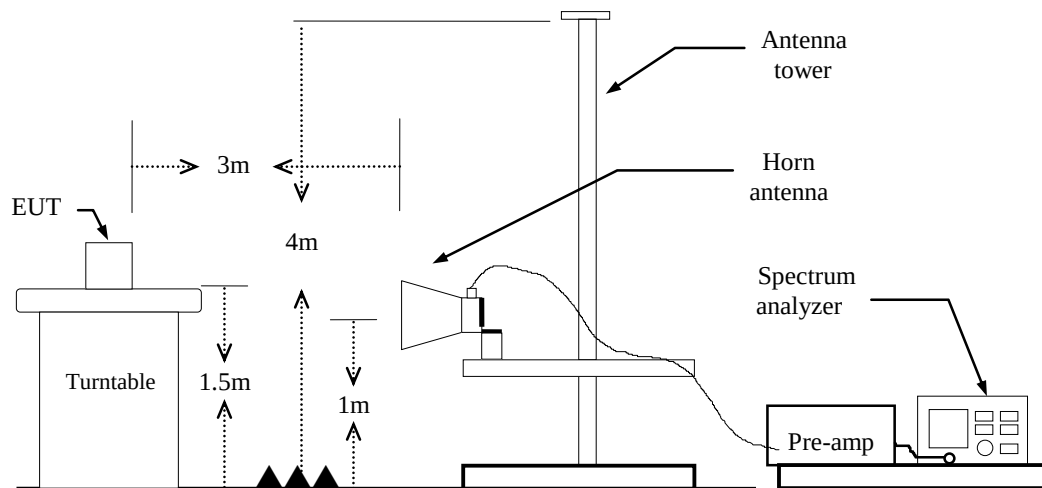
4.6.3 Test Setup

9kHz ~ 30MHz



30MHz ~ 1GHz



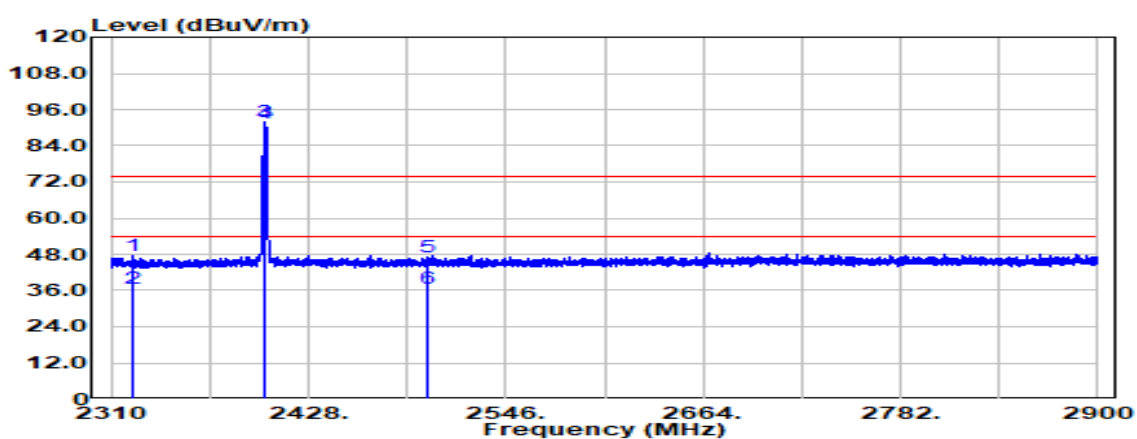
Above 1 GHz

4.6.4 Test Result

Band Edge Test Data

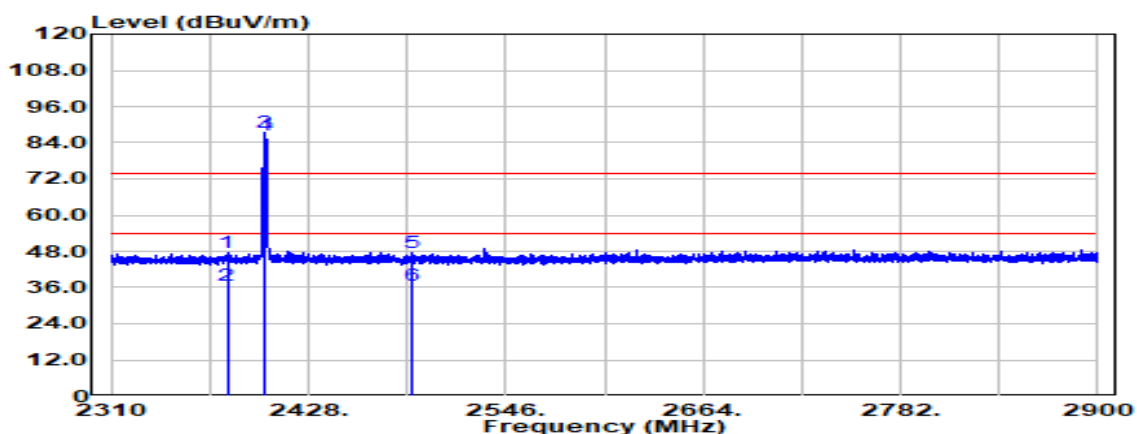
Model: EKS-D791A

Test Mode:	BLE-1Mbps Low CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Band Edge	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



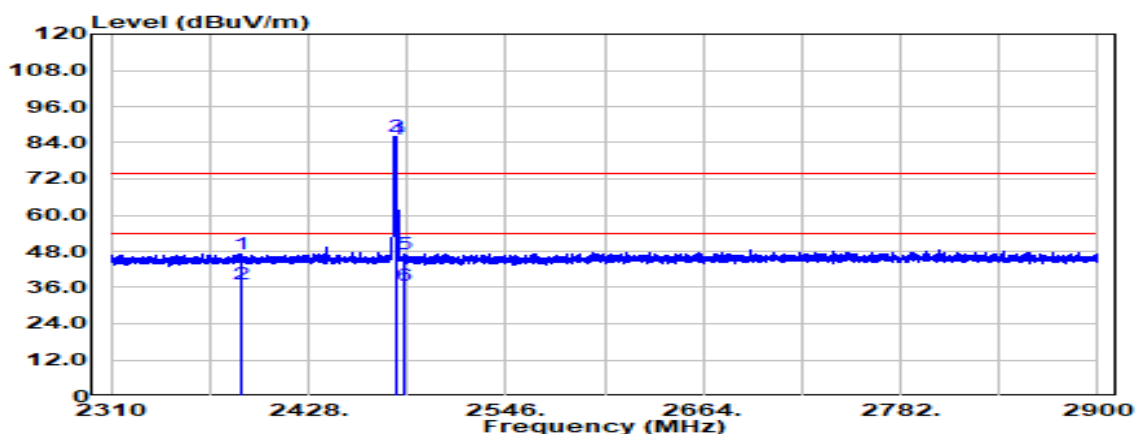
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2322.626	Peak	39.93	7.60	47.53	74.00	-26.47
2322.626	Average	29.14	7.60	36.74	54.00	-17.26
2402.000	Peak	84.31	7.79	92.11	--	--
2402.000	Average	83.56	7.79	91.36	--	--
2499.626	Peak	38.78	8.34	47.12	74.00	-26.88
2499.626	Average	28.46	8.34	36.79	54.00	-17.21

Test Mode:	BLE-1Mbps Low CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Band Edge	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



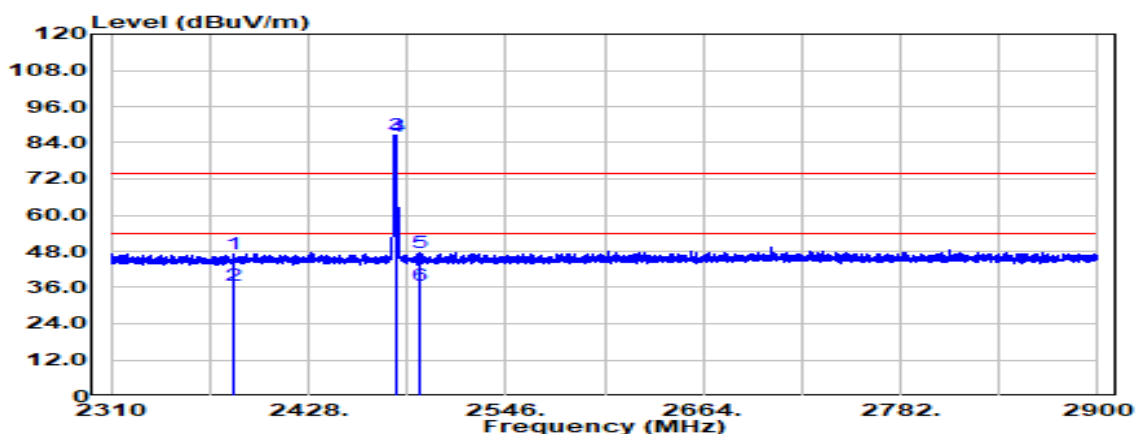
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2379.384	Peak	39.66	7.72	47.38	74.00	-26.62
2379.384	Average	29.03	7.72	36.75	54.00	-17.25
2402.000	Peak	79.43	7.79	87.22	--	--
2402.000	Average	78.60	7.79	86.39	--	--
2489.360	Peak	39.23	8.29	47.51	74.00	-26.49
2489.360	Average	28.51	8.29	36.80	54.00	-17.20

Test Mode:	BLE-1Mbps High CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Band Edge	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



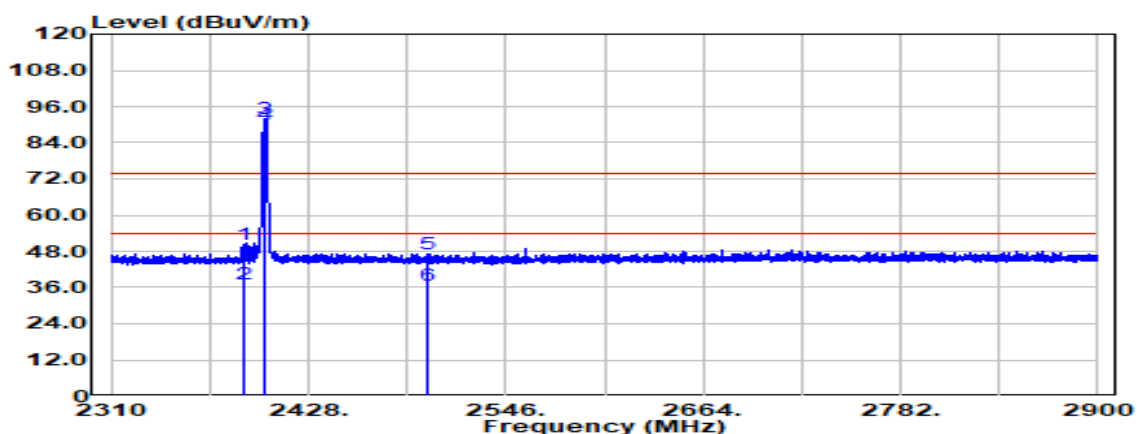
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2388.116	Peak	39.44	7.75	47.18	74.00	-26.82
2388.116	Average	29.47	7.75	37.22	54.00	-16.78
2480.000	Peak	77.91	8.24	86.15	--	--
2480.000	Average	77.02	8.24	85.26	--	--
2485.466	Peak	38.96	8.27	47.23	74.00	-26.77
2485.466	Average	28.58	8.27	36.85	54.00	-17.15

Test Mode:	BLE-1Mbps High CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Band Edge	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



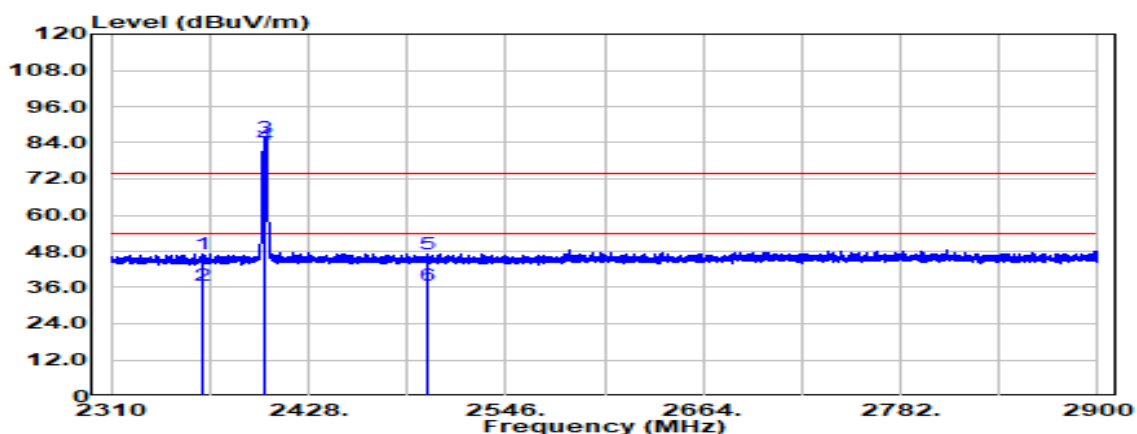
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2383.868	Peak	39.34	7.73	47.08	74.00	-26.92
2383.868	Average	29.07	7.73	36.81	54.00	-17.19
2480.000	Peak	78.38	8.24	86.63	--	--
2480.000	Average	77.65	8.24	85.89	--	--
2494.906	Peak	39.13	8.32	47.44	74.00	-26.56
2494.906	Average	28.58	8.32	36.90	54.00	-17.10

Test Mode:	BLE-2Mbps Low CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Band Edge	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



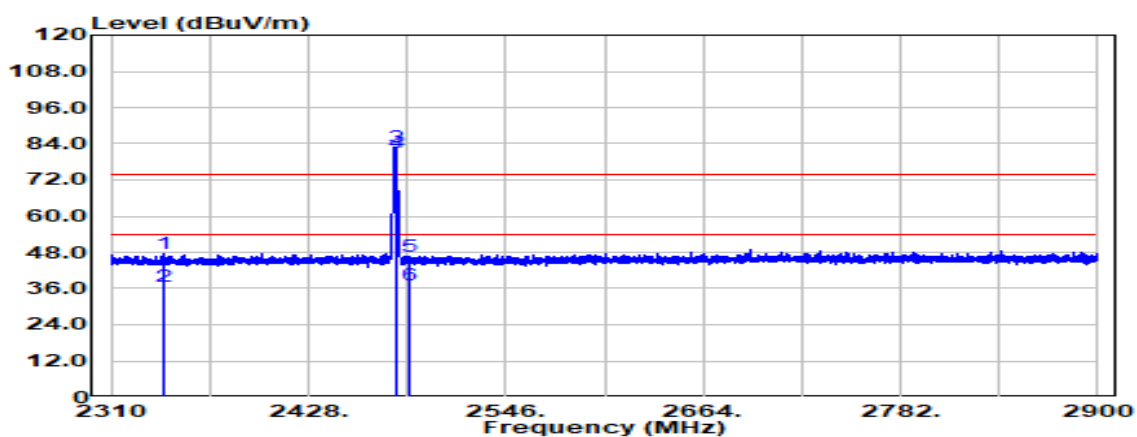
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.532	Peak	42.29	7.75	50.04	74.00	-23.96
2389.532	Average	29.39	7.75	37.14	54.00	-16.86
2402.000	Peak	84.31	7.79	92.10	--	--
2402.000	Average	82.13	7.79	89.92	--	--
2498.446	Peak	38.68	8.33	47.01	74.00	-26.99
2498.446	Average	28.51	8.33	36.85	54.00	-17.15

Test Mode:	BLE-2Mbps Low CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Band Edge	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



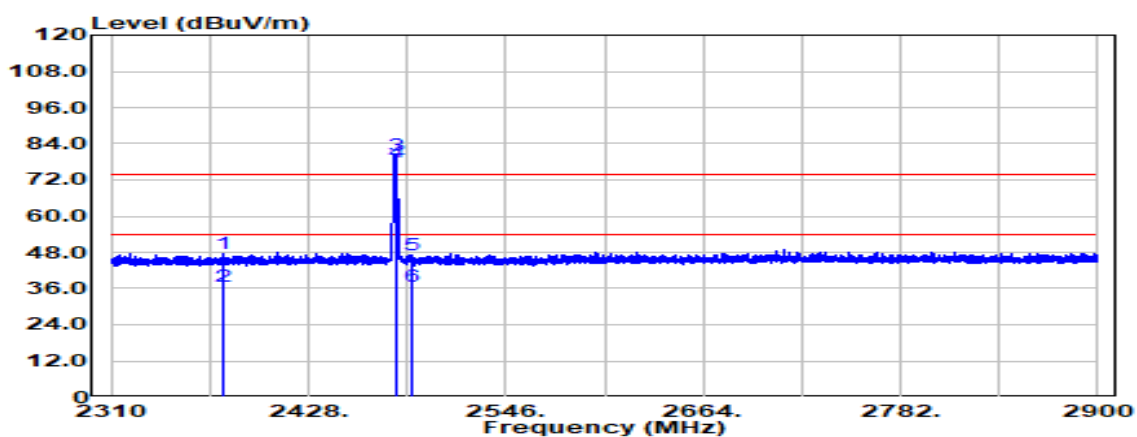
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2364.988	Peak	39.50	7.68	47.18	74.00	-26.82
2364.988	Average	29.04	7.68	36.73	54.00	-17.27
2402.000	Peak	77.75	7.79	85.54	--	--
2402.000	Average	75.62	7.79	83.41	--	--
2499.862	Peak	38.85	8.34	47.19	74.00	-26.81
2499.862	Average	28.43	8.34	36.77	54.00	-17.23

Test Mode:	BLE-2Mbps High CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Band Edge	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2341.742	Peak	39.82	7.63	47.45	74.00	-26.55
2341.742	Average	29.11	7.63	36.74	54.00	-17.26
2480.000	Peak	74.81	8.24	83.05	--	--
2480.000	Average	72.69	8.24	80.93	--	--
2488.298	Peak	38.32	8.28	46.60	74.00	-27.40
2488.298	Average	28.90	8.28	37.19	54.00	-16.81

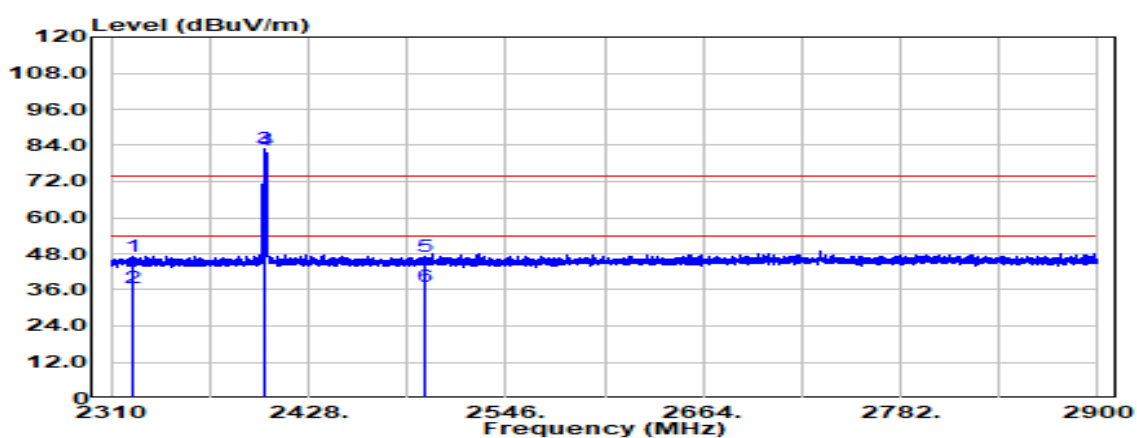
Test Mode:	BLE-2Mbps High CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Band Edge	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2377.260	Peak	39.83	7.72	47.54	74.00	-26.46
2377.260	Average	28.98	7.72	36.70	54.00	-17.30
2480.000	Peak	71.90	8.24	80.15	--	--
2480.000	Average	69.84	8.24	78.09	--	--
2490.540	Peak	38.78	8.29	47.08	74.00	-26.92
2490.540	Average	28.57	8.29	36.87	54.00	-17.13

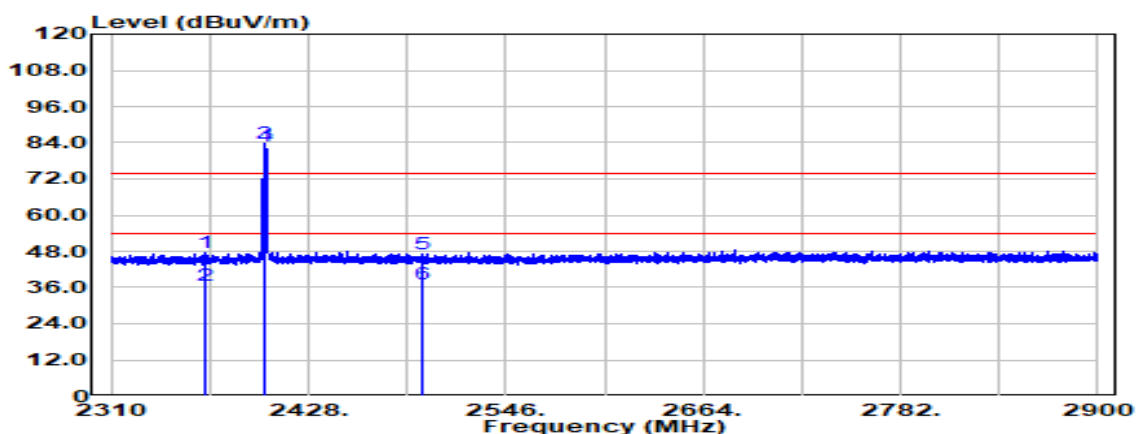
Model: EKS-D7P1A

Test Mode:	BLE-1Mbps Low CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Band Edge	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



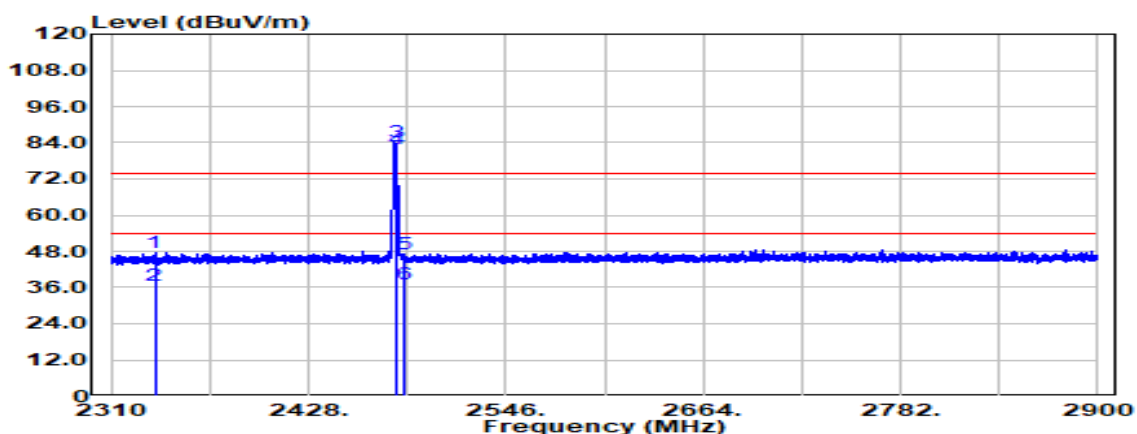
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2322.508	Peak	39.72	7.60	47.32	74.00	-26.68
2322.508	Average	29.20	7.60	36.80	54.00	-17.20
2402.000	Peak	75.28	7.79	83.07	--	--
2402.000	Average	74.52	7.79	82.32	--	--
2497.030	Peak	38.98	8.33	47.30	74.00	-26.70
2497.030	Average	28.59	8.33	36.91	54.00	-17.09

Test Mode:	BLE-1Mbps Low CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Band Edge	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2366.640	Peak	39.77	7.69	47.46	74.00	-26.54
2366.640	Average	29.15	7.69	36.84	54.00	-17.16
2402.000	Peak	75.95	7.79	83.74	--	--
2402.000	Average	75.21	7.79	83.00	--	--
2495.378	Peak	38.71	8.32	47.03	74.00	-26.97
2495.378	Average	28.64	8.32	36.96	54.00	-17.04

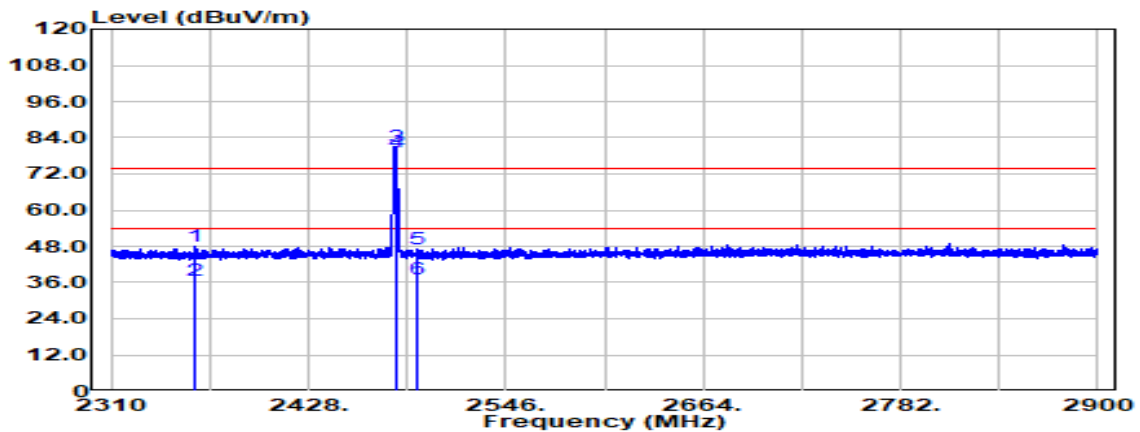
Test Mode:	BLE-2Mbps High CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Band Edge	Test Date	August 2, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2336.078	Peak	40.03	7.62	47.65	74.00	-26.35
2336.078	Average	29.12	7.62	36.74	54.00	-17.26
2480.000	Peak	75.85	8.24	84.09	--	--
2480.000	Average	73.77	8.24	82.02	--	--
2485.584	Peak	38.63	8.27	46.90	74.00	-27.10
2485.584	Average	28.98	8.27	37.25	54.00	-16.75

Report No.: TMWK2207002760KR

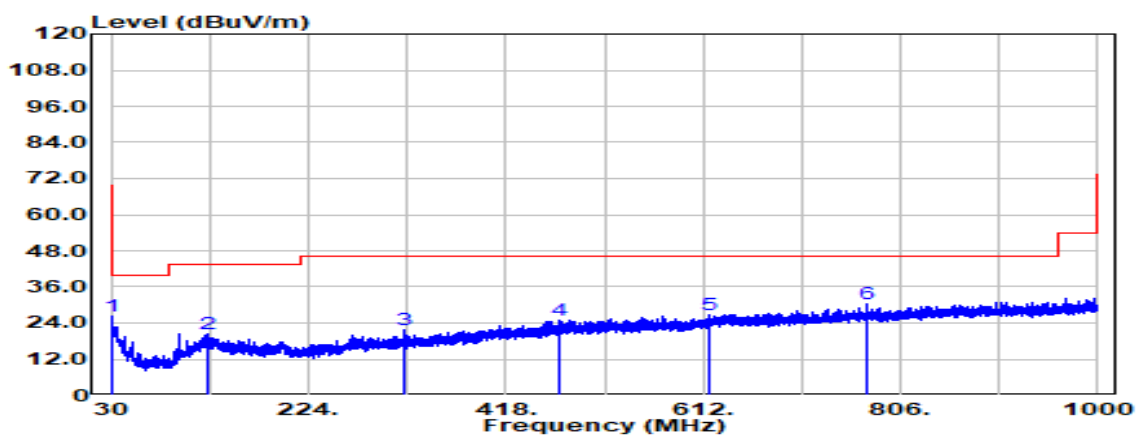
Test Mode:	BLE-2Mbps High CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Band Edge	Test Date	August 2, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2359.324	Peak	40.39	7.67	48.06	74.00	-25.94
2359.324	Average	29.24	7.67	36.90	54.00	-17.10
2480.000	Peak	72.79	8.24	81.04	--	--
2480.000	Average	70.78	8.24	79.03	--	--
2492.310	Peak	38.73	8.30	47.03	74.00	-26.97
2492.310	Average	28.76	8.30	37.06	54.00	-16.94

Below 1G Test Data**Model: EKS-D791A**

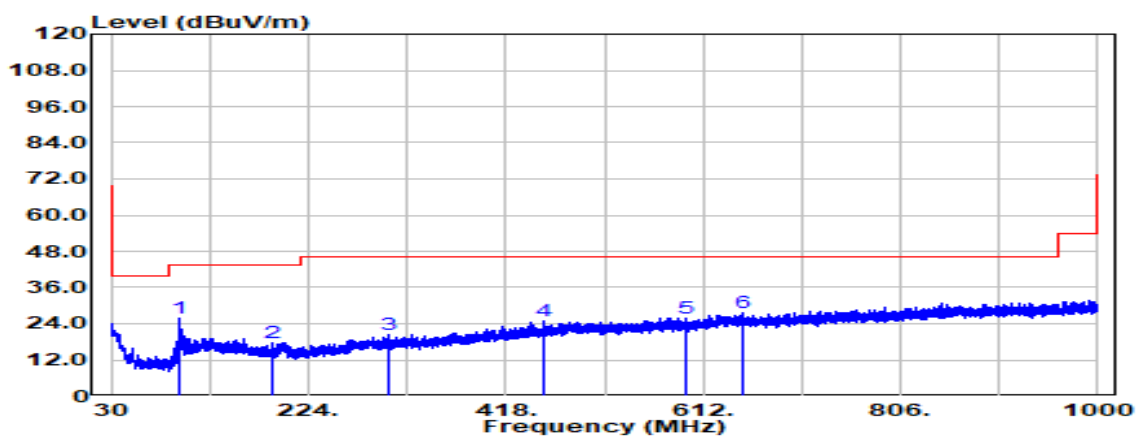
Test Mode:	BLE-1Mbps Mode	Temp/Hum	24.9(°C) / 64%RH
Test Item	30MHz-1GHz	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
30.121	Peak	28.95	-2.79	26.15	40.00	-13.85
125.909	Peak	29.76	-9.37	20.38	43.50	-23.12
319.303	Peak	30.33	-8.65	21.68	46.00	-24.32
470.744	Peak	28.99	-4.14	24.85	46.00	-21.15
619.154	Peak	28.32	-1.77	26.55	46.00	-19.45
772.050	Peak	29.92	0.61	30.53	46.00	-15.47

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

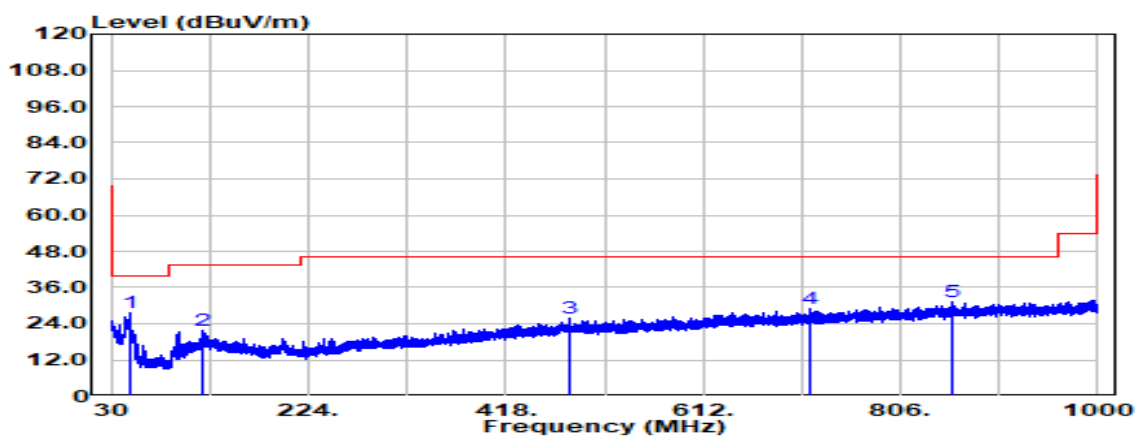
Test Mode:	BLE-1Mbps Mode	Temp/Hum	24.9(°C) / 64%RH
Test Item	30MHz-1GHz	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
97.658	Peak	39.66	-13.66	26.00	43.50	-17.50
188.353	Peak	29.35	-11.64	17.70	43.50	-25.80
302.328	Peak	29.54	-9.08	20.46	46.00	-25.54
455.830	Peak	29.72	-4.73	24.99	46.00	-21.01
595.510	Peak	28.83	-2.81	26.02	46.00	-19.98
650.679	Peak	28.59	-1.13	27.46	46.00	-18.54

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

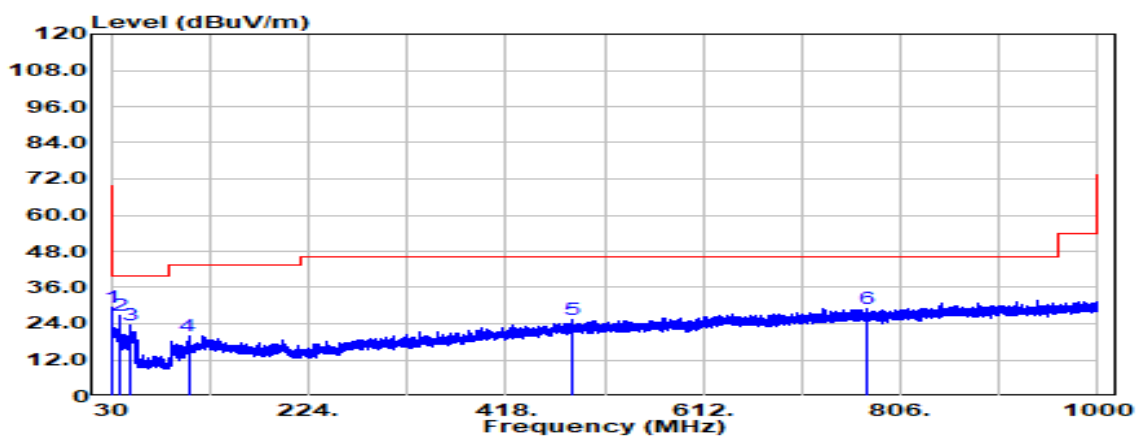
Test Mode:	BLE-2Mbps Mode	Temp/Hum	24.9(°C) / 64%RH
Test Item	30MHz-1GHz	Test Date	August 2, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
47.945	Peak	42.46	-14.78	27.67	40.00	-12.33
119.968	Peak	31.39	-9.43	21.96	43.50	-21.54
479.959	Peak	29.61	-3.83	25.77	46.00	-20.23
716.760	Peak	28.99	-0.20	28.79	46.00	-17.21
856.925	Peak	29.15	1.90	31.04	46.00	-14.96
N/A						

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

Test Mode:	BLE-2Mbps Mode	Temp/Hum	24.9(°C) / 64%RH
Test Item	30MHz-1GHz	Test Date	August 2, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak		

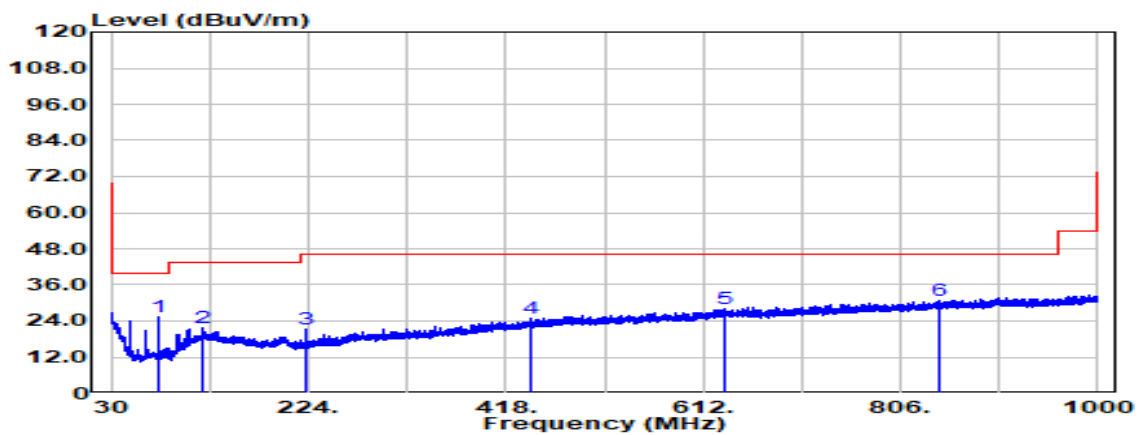


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
31.455	Peak	33.37	-3.73	29.64	40.00	-10.36
38.730	Peak	36.00	-9.08	26.92	40.00	-13.08
48.430	Peak	38.63	-14.96	23.67	40.00	-16.33
105.903	Peak	31.34	-11.39	19.95	43.50	-23.55
482.263	Peak	29.19	-3.86	25.33	46.00	-20.67
772.778	Peak	28.48	0.62	29.10	46.00	-16.90

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

Model: EKS-D7P1A

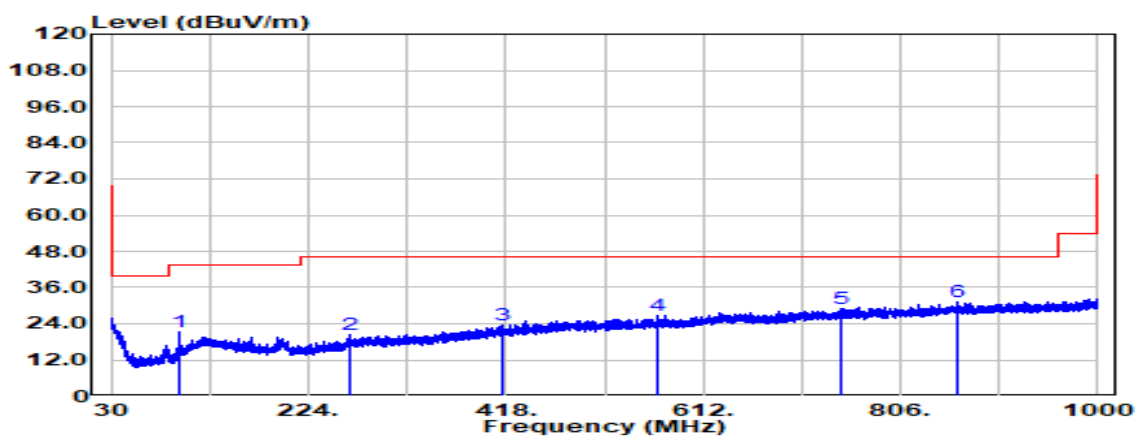
Test Mode:	BLE-1Mbps Mode	Temp/Hum	24.8(°C) / 63%RH
Test Item	30MHz-1GHz	Test Date	August 4, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBUV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)
76.318	Peak	40.84	-15.60	25.24	40.00	-14.76
119.968	Peak	31.19	-9.43	21.76	43.50	-21.74
221.696	Peak	33.17	-12.07	21.10	46.00	-24.90
442.129	Peak	29.89	-5.09	24.80	46.00	-21.20
632.370	Peak	29.05	-1.18	27.87	46.00	-18.13
844.194	Peak	28.99	1.61	30.60	46.00	-15.40

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

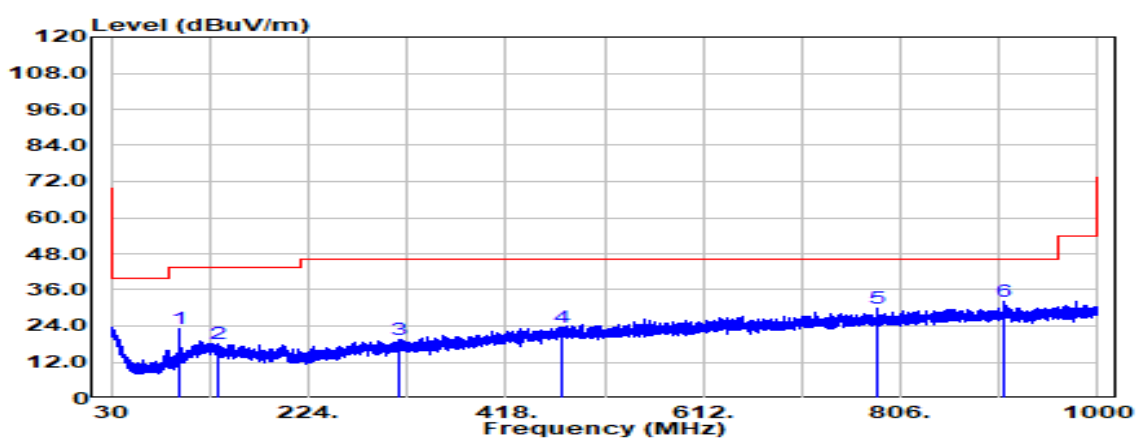
Test Mode:	BLE-1Mbps Mode	Temp/Hum	24.8(°C) / 63%RH
Test Item	30MHz-1GHz	Test Date	August 4, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
96.203	Peak	35.32	-14.10	21.21	43.50	-22.29
265.953	Peak	29.97	-9.50	20.47	46.00	-25.53
415.575	Peak	29.59	-5.82	23.77	46.00	-22.23
567.016	Peak	29.52	-2.72	26.80	46.00	-19.20
746.951	Peak	28.53	0.27	28.80	46.00	-17.20
862.018	Peak	29.49	1.90	31.39	46.00	-14.61

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

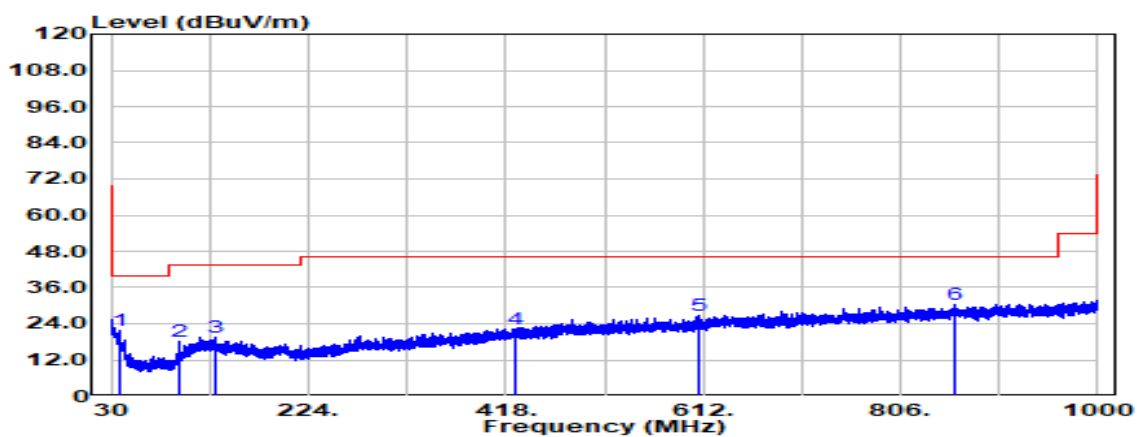
Test Mode:	BLE-2Mbps Mode	Temp/Hum	24.8(°C) / 63%RH
Test Item	30MHz-1GHz	Test Date	August 4, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBUV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)
97.658	Peak	36.83	-13.66	23.17	43.50	-20.33
134.275	Peak	28.02	-9.77	18.26	43.50	-25.24
312.755	Peak	28.38	-8.75	19.63	46.00	-26.37
474.018	Peak	27.67	-3.98	23.69	46.00	-22.31
782.720	Peak	29.27	0.76	30.03	46.00	-15.97
907.971	Peak	29.50	2.63	32.14	46.00	-13.86

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

Test Mode:	BLE-2Mbps Mode	Temp/Hum	24.8(°C) / 63%RH
Test Item	30MHz-1GHz	Test Date	August 4, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak		

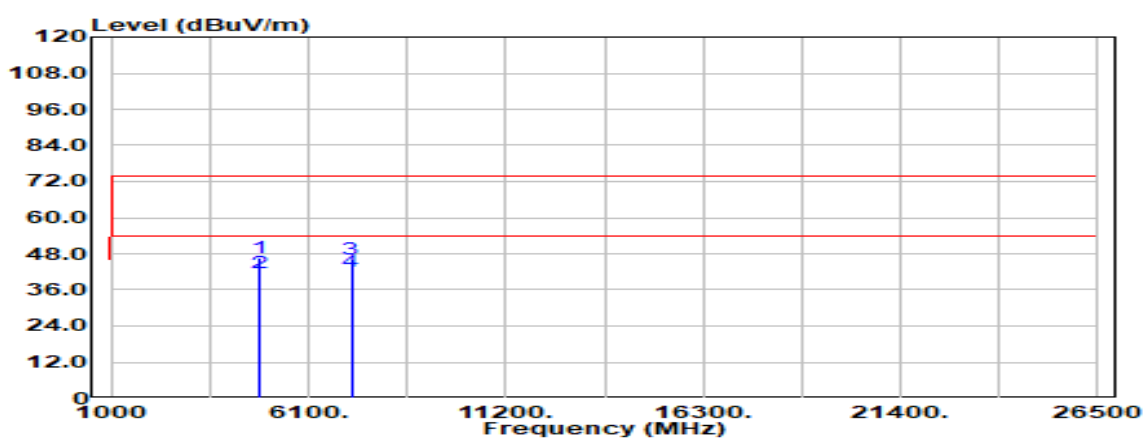


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
38.730	Peak	31.04	-9.08	21.95	40.00	-18.05
96.324	Peak	32.33	-14.07	18.26	43.50	-25.24
131.608	Peak	28.98	-9.56	19.42	43.50	-24.08
428.549	Peak	27.67	-5.46	22.21	46.00	-23.79
607.635	Peak	29.03	-2.27	26.76	46.00	-19.24
860.441	Peak	28.70	1.85	30.55	46.00	-15.45

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

Above 1G Test Data**Model: EKS-D791A**

Test Mode:	BLE-1Mbps Low CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		

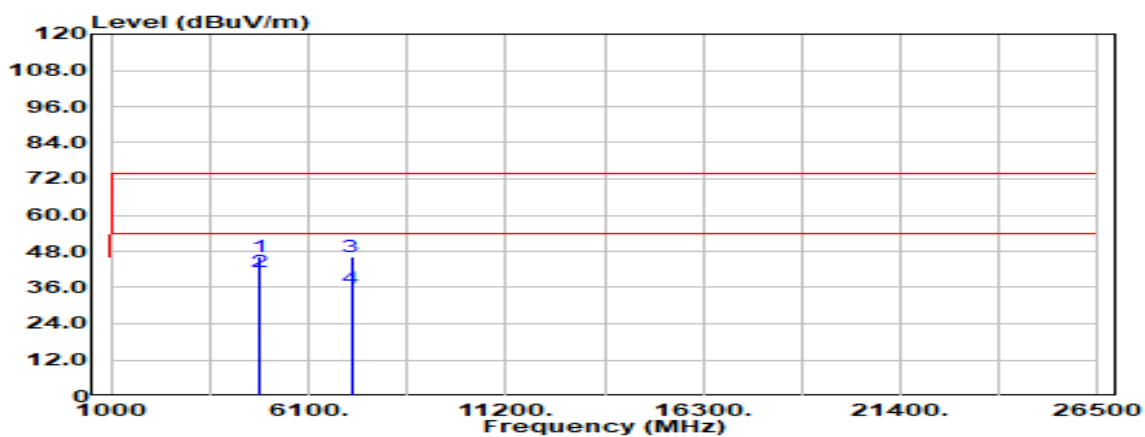


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4804.000	Peak	40.60	5.87	46.46	74.00	-27.54
4804.000	Average	35.87	5.87	41.74	54.00	-12.26
7206.000	Peak	32.89	13.25	46.14	74.00	-27.86
7206.000	Average	28.73	13.25	41.98	54.00	-12.02
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-1Mbps Low CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		

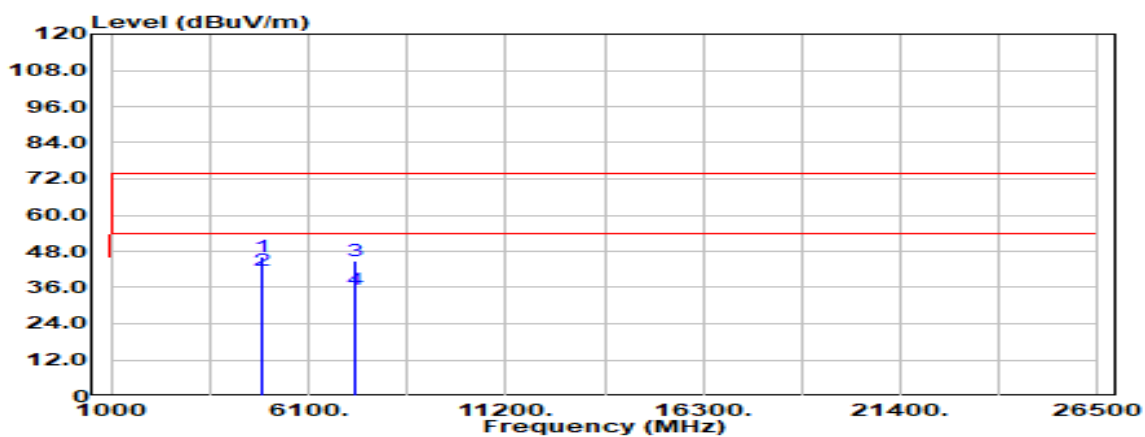


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4804.000	Peak	40.43	5.87	46.29	74.00	-27.71
4804.000	Average	35.22	5.87	41.09	54.00	-12.91
7206.000	Peak	32.85	13.25	46.10	74.00	-27.90
7206.000	Average	22.43	13.25	35.68	54.00	-18.32
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-1Mbps Mid CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		

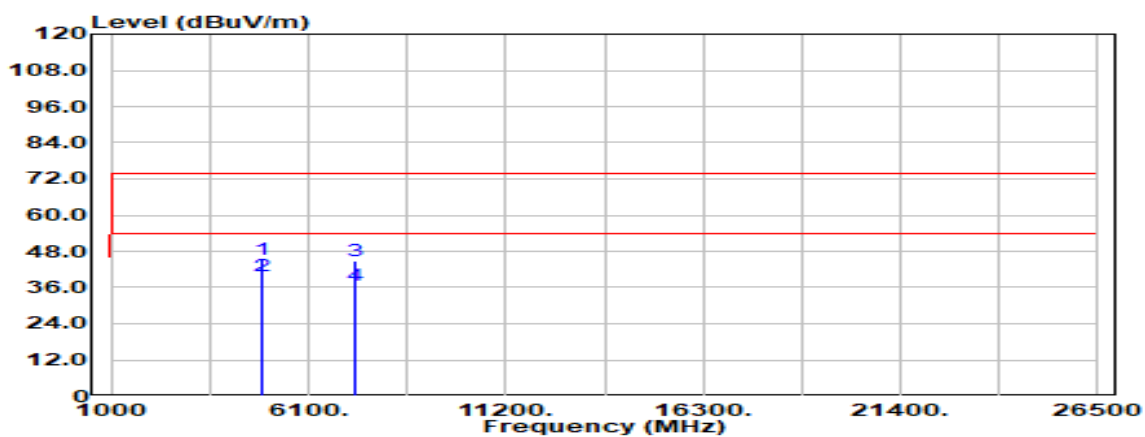


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4884.000	Peak	39.81	6.15	45.96	74.00	-28.04
4884.000	Average	35.52	6.15	41.67	54.00	-12.33
7326.000	Peak	31.66	13.36	45.02	74.00	-28.98
7326.000	Average	21.88	13.36	35.24	54.00	-18.76
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-1Mbps Mid CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		

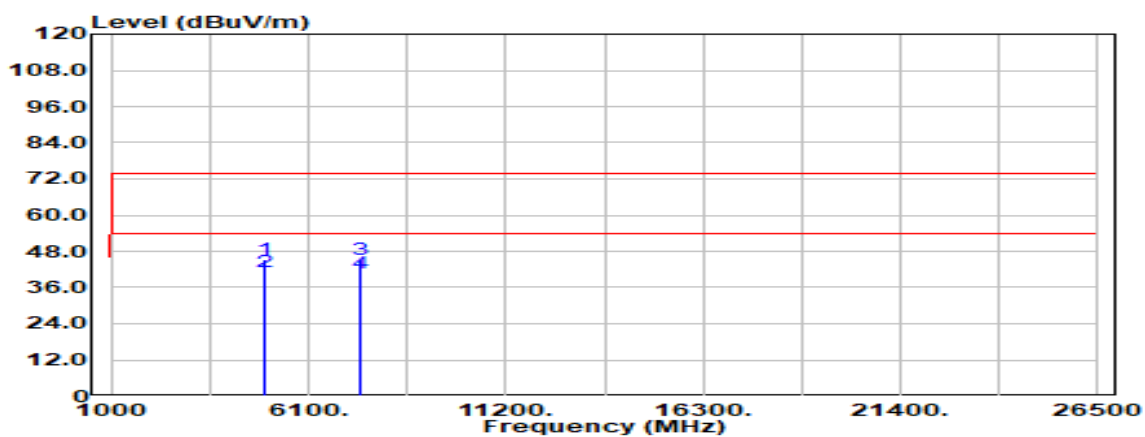


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4884.000	Peak	38.95	6.15	45.10	74.00	-28.90
4884.000	Average	33.59	6.15	39.74	54.00	-14.26
7326.000	Peak	31.52	13.36	44.88	74.00	-29.12
7326.000	Average	23.39	13.36	36.75	54.00	-17.25
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-1Mbps High CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		

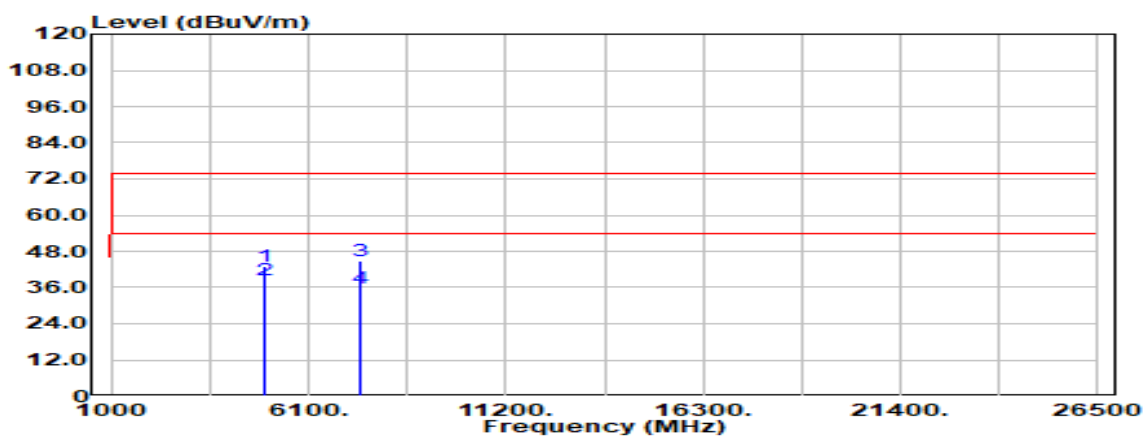


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4960.000	Peak	38.22	6.91	45.13	74.00	-28.87
4960.000	Average	34.51	6.91	41.42	54.00	-12.58
7440.000	Peak	32.00	13.22	45.22	74.00	-28.78
7440.000	Average	27.31	13.22	40.53	54.00	-13.47
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-1Mbps High CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		

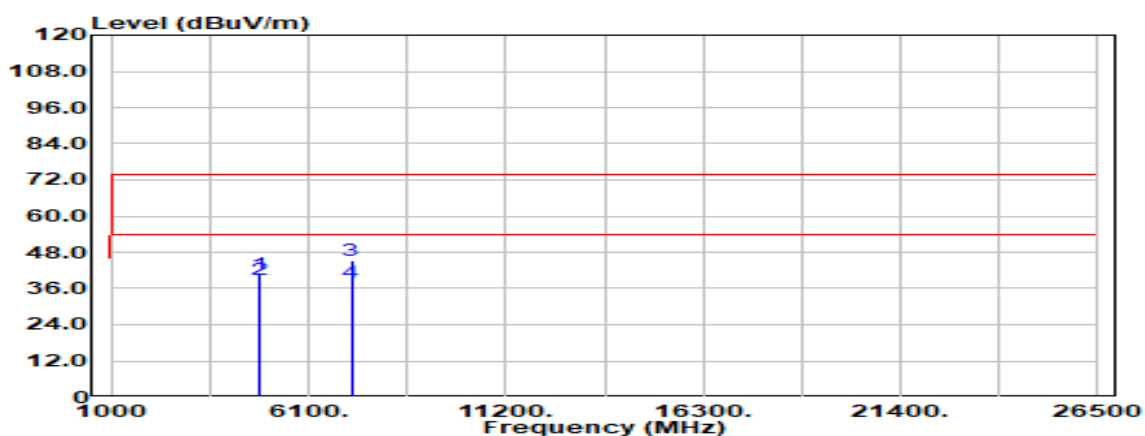


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4960.000	Peak	36.07	6.91	42.99	74.00	-31.01
4960.000	Average	31.59	6.91	38.50	54.00	-15.50
7440.000	Peak	31.45	13.22	44.67	74.00	-29.33
7440.000	Average	22.38	13.22	35.60	54.00	-18.40
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-2Mbps Low CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

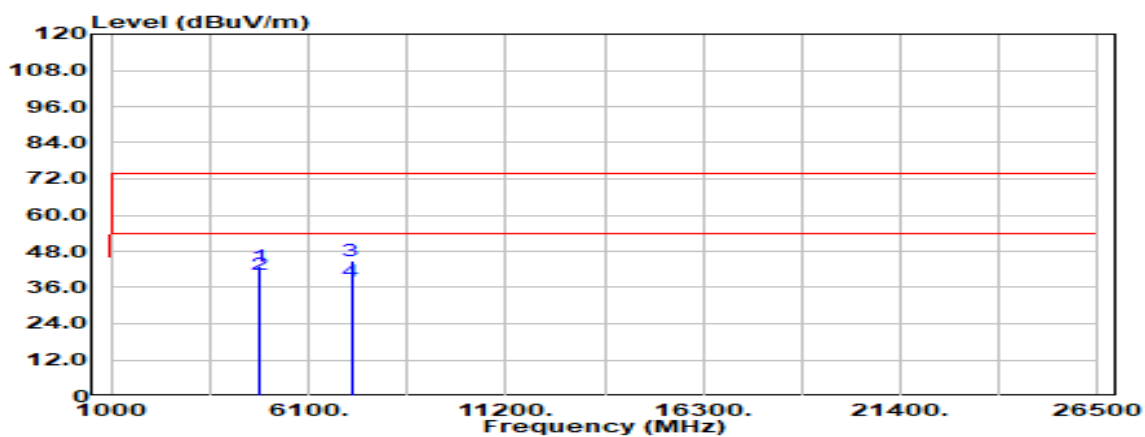


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)
4804.000	Peak	34.80	5.87	40.67	74.00	-33.33
4804.000	Average	33.23	5.87	39.09	54.00	-14.91
7206.000	Peak	31.94	13.25	45.19	74.00	-28.81
7206.000	Average	24.70	13.25	37.96	54.00	-16.04
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-2Mbps Low CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

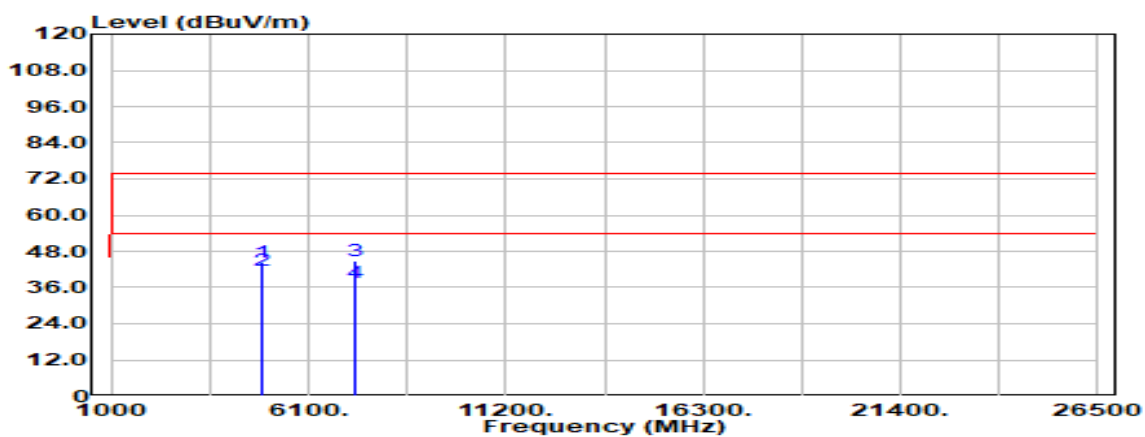


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4804.000	Peak	37.19	5.87	43.06	74.00	-30.94
4804.000	Average	34.31	5.87	40.18	54.00	-13.82
7206.000	Peak	31.66	13.25	44.91	74.00	-29.09
7206.000	Average	24.62	13.25	37.87	54.00	-16.13
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-2Mbps Mid CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

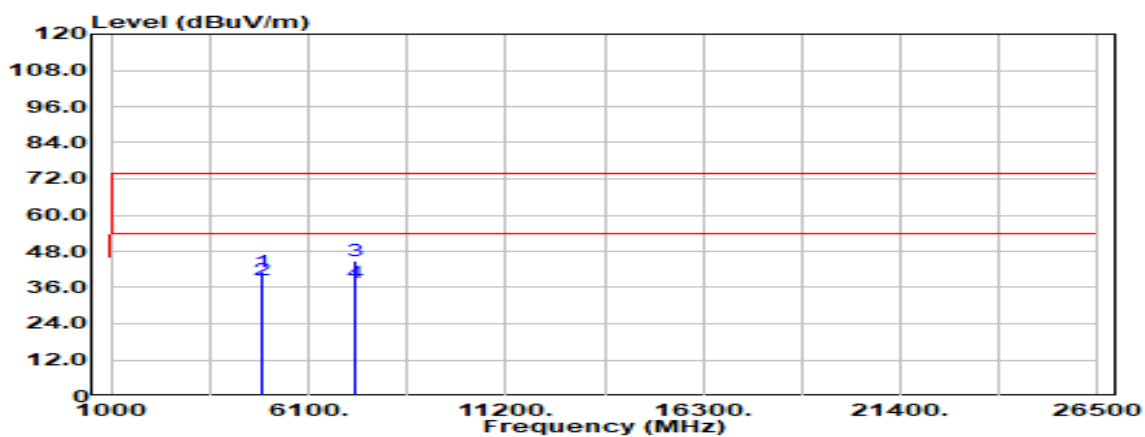


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4884.000	Peak	38.13	6.15	44.28	74.00	-29.72
4884.000	Average	35.29	6.15	41.45	54.00	-12.55
7326.000	Peak	31.56	13.36	44.92	74.00	-29.08
7326.000	Average	24.24	13.36	37.60	54.00	-16.40
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-2Mbps Mid CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

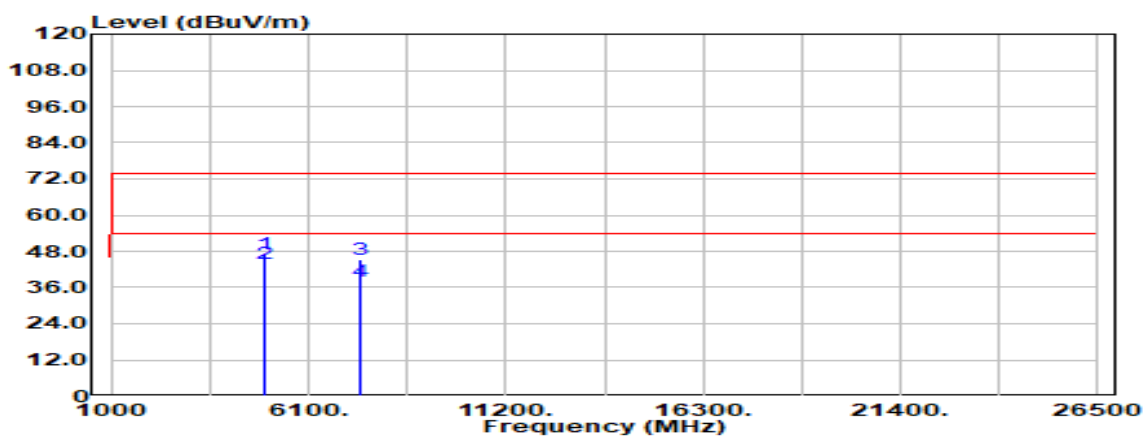


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4884.000	Peak	34.97	6.15	41.12	74.00	-32.88
4884.000	Average	32.47	6.15	38.62	54.00	-15.38
7326.000	Peak	31.44	13.36	44.80	74.00	-29.20
7326.000	Average	24.23	13.36	37.59	54.00	-16.41
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-2Mbps High CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

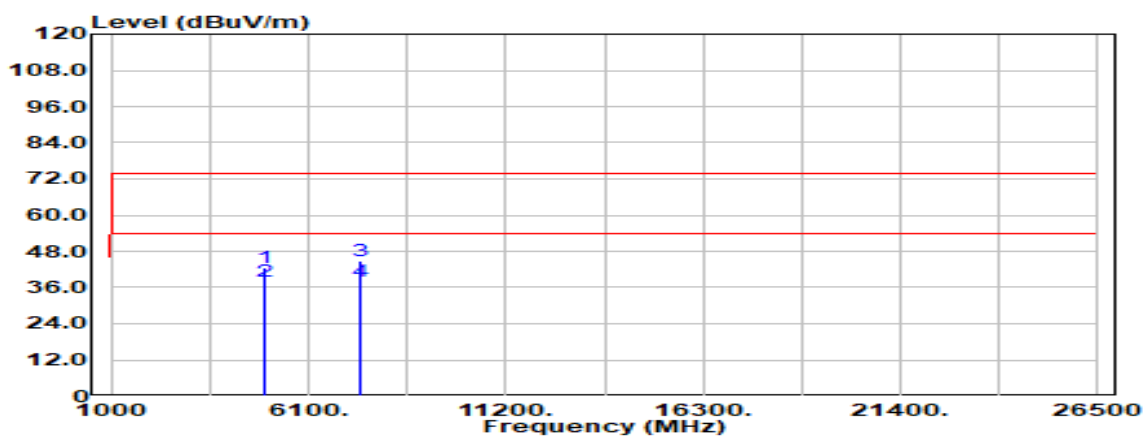


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4960.000	Peak	40.31	6.91	47.23	74.00	-26.77
4960.000	Average	36.96	6.91	43.87	54.00	-10.13
7440.000	Peak	32.07	13.22	45.29	74.00	-28.71
7440.000	Average	24.73	13.22	37.95	54.00	-16.05
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-2Mbps High CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



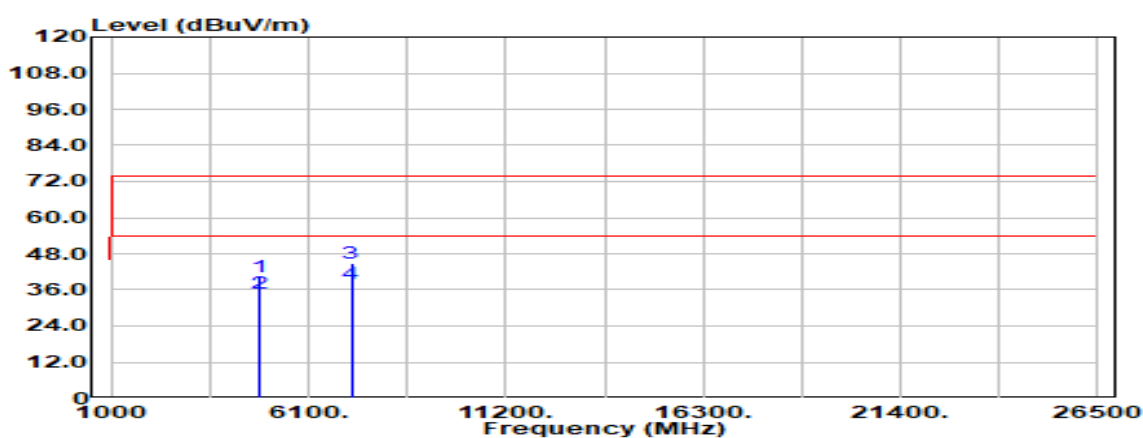
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4960.000	Peak	35.80	6.91	42.71	74.00	-31.29
4960.000	Average	31.30	6.91	38.21	54.00	-15.79
7440.000	Peak	31.83	13.22	45.05	74.00	-28.95
7440.000	Average	24.69	13.22	37.91	54.00	-16.09
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Model: EKS-D7P1A

Test Mode:	BLE-1Mbps Low CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

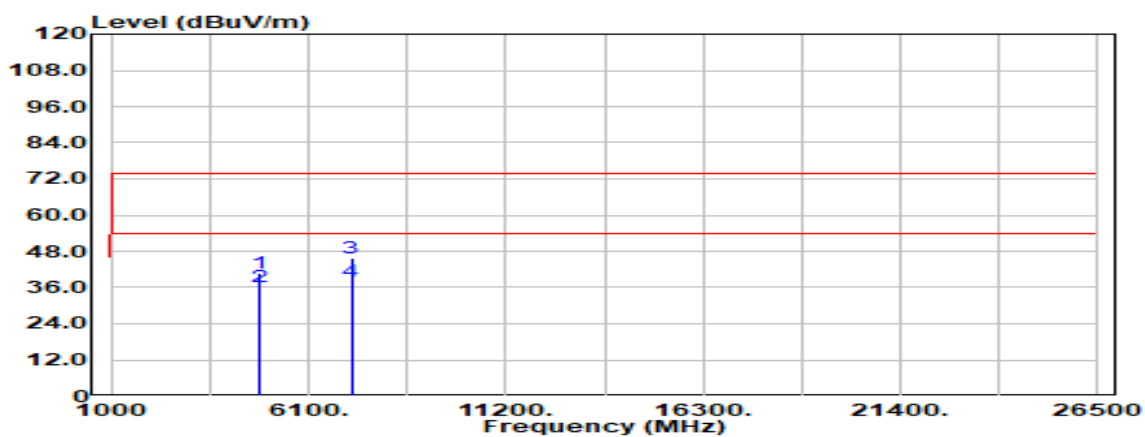


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4804.000	Peak	34.23	5.87	40.09	74.00	-33.91
4804.000	Average	28.92	5.87	34.79	54.00	-19.21
7206.000	Peak	31.73	13.25	44.99	74.00	-29.01
7206.000	Average	24.65	13.25	37.90	54.00	-16.10
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-1Mbps Low CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

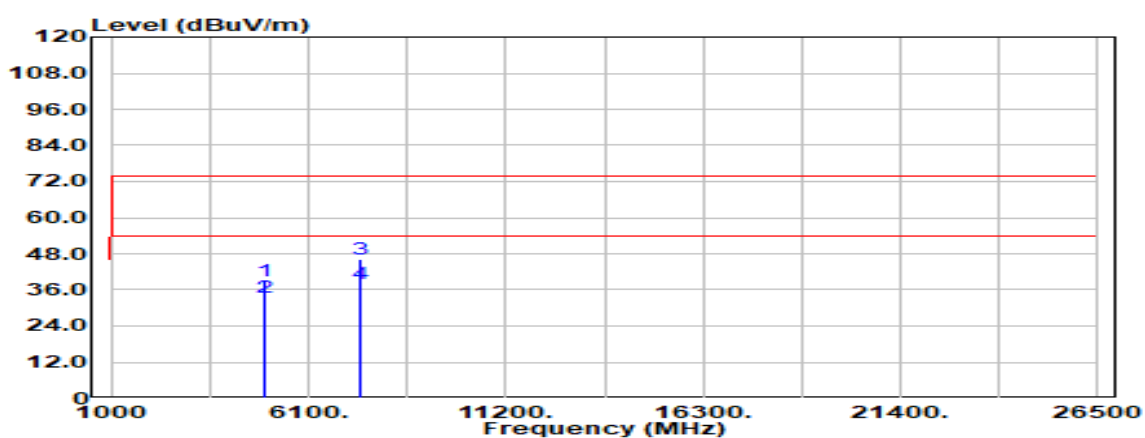


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4804.000	Peak	34.85	5.87	40.72	74.00	-33.28
4804.000	Average	30.20	5.87	36.07	54.00	-17.93
7206.000	Peak	32.35	13.25	45.61	74.00	-28.39
7206.000	Average	24.72	13.25	37.97	54.00	-16.03
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-2Mbps High CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

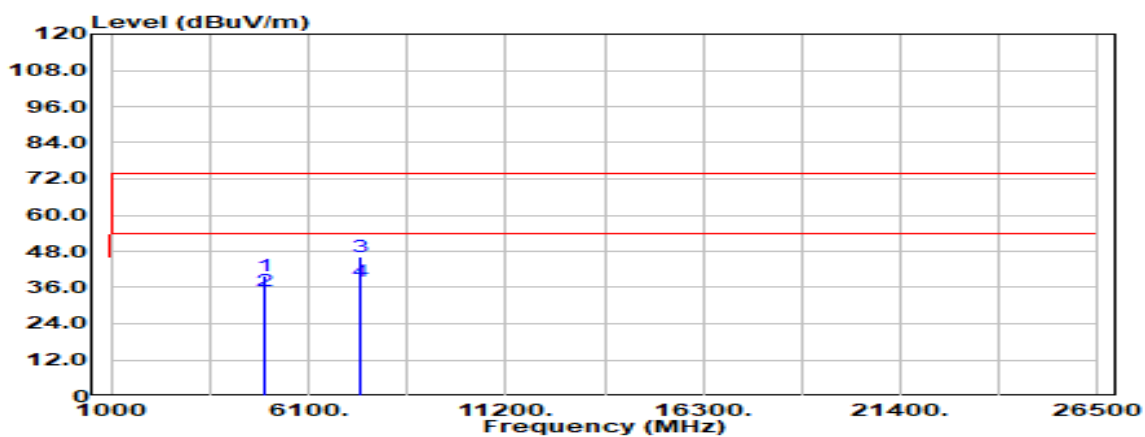


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4960.000	Peak	32.07	6.91	38.98	74.00	-35.02
4960.000	Average	26.70	6.91	33.62	54.00	-20.38
7440.000	Peak	32.95	13.22	46.17	74.00	-27.83
7440.000	Average	24.88	13.22	38.10	54.00	-15.90
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode:	BLE-2Mbps High CH	Temp/Hum	24.9(°C) / 64%RH
Test Item	Harmonic	Test Date	August 1, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4960.000	Peak	33.00	6.91	39.91	74.00	-34.09
4960.000	Average	28.15	6.91	35.06	54.00	-18.94
7440.000	Peak	33.10	13.22	46.32	74.00	-27.68
7440.000	Average	24.83	13.22	38.05	54.00	-15.95
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

--End of Test Report--