MEASUREMENT REPORT

FCC PART 15.249

FCC ID:	2ARDMEDC211D
Application:	ShenZhen Easydetek Technology CO. LTD.
Application Type:	Certification
Product:	Microwave
Model No.:	EDC211D-A
Serial Model No.:	EDC211D-X (“X” means A-Z)
Brand Name:	Easy Detek
FCC Classification:	Part 15 low power transceiver, RX verified (DXT)
FCC Rule Part(s):	Part 15.249
Test Procedure(s):	ANSI C63.10 - 2013
Test Date:	December 16, 2020 ~ January 26, 2021

Reviewed By: Vincent Yu

Approved By: Robin Wu

ACCREDITED
TESTING LABORATORY
CERTIFICATE #3628.01

The test results relate only to the samples tested.
This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.10-2013. Test results reported herein relate only to the item(s) tested.

Revision History

Report No.	Version	Description	Issue Date	Note
2007RSU072-U1	Rev. 01	Initial Report	01-27-2021	Valid

CONTENTS

Description Page

1. GENERAL INFORMATION

1.1. Applicant

ShenZhen Easydetek Technology CO. LTD.

6/F Fuyuan Industrial&commercial Building Hangcheng Industrial Park, Baoan District, Shenzhen 518000, China

1.2. Manufacturer

ShenZhen Easydetek Technology CO. LTD.

6/F Fuyuan Industrial&commercial Building Hangcheng Industrial Park, Baoan District, Shenzhen 518000, China

1.1. Testing Facility

☒	**Test Site – MRT Suzhou Laboratory**	
	Laboratory Location (Suzhou - Wuzhong)	
	D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China	
	Laboratory Location (Suzhou - SIP)	
	4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China	
	Laboratory Accreditations	
	A2LA: 3628.01	CNAS: L10551
	FCC: CN1166	ISED: CN0001
	VCCI: R-20025, G-20034, C-20020, T-20020	
☐	**Test Site – MRT Shenzhen Laboratory**	
	Laboratory Location (Shenzhen)	
	1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China	
	Laboratory Accreditations	
	A2LA: 3628.02	CNAS: L10551
	FCC: CN1284	ISED: CN0105
☐	**Test Site – MRT Taiwan Laboratory**	
	Laboratory Location (Taiwan)	
	No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
	Laboratory Accreditations	
	TAF: L3261-190725	
	FCC: 291082, TW3261	ISED: TW3261

2. PRODUCT INFORMATION

2.1. Equipment Description

Product Name	Microwave
Model No.	EDC211D-A
Serial Model No.	EDC211D-X (“X” means A-Z) (Note 1)
Brand Name	Easy Detek
Operation Temperature	-20 ~ 70°C
Working Frequency Range	5730MHz ~ 5870MHz
Antenna Type	PCB Antenna
Antenna Gain	4dBi
Channel Number	512

Note 1: It could be such as different infrared receiver, different photosensitive, different dip switch.

Note 2: All the above information is declared by manufacturer.

2.2. Frequency List

Channel No.	512												
Unit	MHz												
5730.000	5740.686	5751.372	5762.058	5772.744	5783.430	5794.116	5804.802	5815.488	5826.174	5836.860	5847.546	5858.232	5868.918
5730.274	5740.960	5751.646	5762.332	5773.018	5783.704	5794.390	5805.076	5815.762	5826.448	5837.134	5847.820	5858.506	5869.192
5730.548	5741.234	5751.920	5762.606	5773.292	5783.978	5794.664	5805.350	5816.036	5826.722	5837.408	5848.094	5858.780	5869.466
5730.822	5741.508	5752.194	5762.880	5773.566	5784.252	5794.938	5805.624	5816.310	5826.996	5837.682	5848.368	5859.054	5869.740
5731.096	5741.782	5752.468	5763.154	5773.840	5784.526	5795.212	5805.898	5816.584	5827.270	5837.956	5848.642	5859.328	**5870.000**
5731.370	5742.056	5752.742	5763.428	5774.114	5784.800	5795.486	5806.172	5816.858	5827.544	5838.230	5848.916	5859.602	
5731.644	5742.330	5753.016	5763.702	5774.388	5785.074	5795.760	5806.446	5817.132	5827.818	5838.504	5849.190	5859.876	
5731.918	5742.604	5753.290	5763.976	5774.662	5785.348	5796.034	5806.720	5817.406	5828.092	5838.778	5849.464	5860.150	
5732.192	5742.878	5753.564	5764.250	5774.936	5785.622	5796.308	5806.994	5817.680	5828.366	5839.052	5849.738	5860.424	
5732.466	5743.152	5753.838	5764.524	5775.210	5785.896	5796.582	5807.268	5817.954	5828.640	5839.326	5850.012	5860.698	
5732.740	5743.426	5754.112	5764.798	5775.484	5786.170	5796.856	5807.542	5818.228	5828.914	5839.600	5850.286	5860.972	
5733.014	5743.700	5754.386	5765.072	5775.758	5786.444	5797.130	5807.816	5818.502	5829.188	5839.874	5850.560	5861.246	
5733.288	5743.974	5754.660	5765.346	5776.032	5786.718	5797.404	5808.090	5818.776	5829.462	5840.148	5850.834	5861.520	
5733.562	5744.248	5754.934	5765.620	5776.306	5786.992	5797.678	5808.364	5819.050	5829.736	5840.422	5851.108	5861.794	
5733.836	5744.522	5755.208	5765.894	5776.580	5787.266	5797.952	5808.638	5819.324	5830.010	5840.696	5851.382	5862.068	
5734.110	5744.796	5755.482	5766.168	5776.854	5787.540	5798.226	5808.912	5819.598	5830.284	5840.970	5851.656	5862.342	
5734.384	5745.070	5755.756	5766.442	5777.128	5787.814	5798.500	5809.186	5819.872	5830.558	5841.244	5851.930	5862.616	
5734.658	5745.344	5756.030	5766.716	5777.402	5788.088	5798.774	5809.460	5820.146	5830.832	5841.518	5852.204	5862.890	
5734.932	5745.618	5756.304	5766.990	5777.676	5788.362	5799.048	5809.734	5820.420	5831.106	5841.792	5852.478	5863.164	
5735.206	5745.892	5756.578	5767.264	5777.950	5788.636	5799.322	5810.008	5820.694	5831.380	5842.066	5852.752	5863.438	
5735.480	5746.166	5756.852	5767.538	5778.224	5788.910	5799.596	5810.282	5820.968	5831.654	5842.340	5853.026	5863.712	
5735.754	5746.440	5757.126	5767.812	5778.498	5789.184	5799.870	5810.556	5821.242	5831.928	5842.614	5853.300	5863.986	
5736.028	5746.714	5757.400	5768.086	5778.772	5789.458	**5800.000**	5810.830	5821.516	5832.202	5842.888	5853.574	5864.260	
5736.302	5746.988	5757.674	5768.360	5779.046	5789.732	5800.418	5811.104	5821.790	5832.476	5843.162	5853.848	5864.534	
5736.576	5747.262	5757.948	5768.634	5779.320	5790.006	5800.692	5811.378	5822.064	5832.750	5843.436	5854.122	5864.808	
5736.850	5747.536	5758.222	5768.908	5779.594	5790.280	5800.966	5811.652	5822.338	5833.024	5843.710	5854.396	5865.082	
5737.124	5747.810	5758.496	5769.182	5779.868	5790.554	5801.240	5811.926	5822.612	5833.298	5843.984	5854.670	5865.356	
5737.398	5748.084	5758.770	5769.456	5780.142	5790.828	5801.514	5812.200	5822.886	5833.572	5844.258	5854.944	5865.630	
5737.672	5748.358	5759.044	5769.730	5780.416	5791.102	5801.788	5812.474	5823.160	5833.846	5844.532	5855.218	5865.904	
5737.946	5748.632	5759.318	5770.004	5780.690	5791.376	5802.062	5812.748	5823.434	5834.120	5844.806	5855.492	5866.178	
5738.220	5748.906	5759.592	5770.278	5780.964	5791.650	5802.336	5813.022	5823.708	5834.394	5845.080	5855.766	5866.452	
5738.494	5749.180	5759.866	5770.552	5781.238	5791.924	5802.610	5813.296	5823.982	5834.668	5845.354	5856.040	5866.726	
5738.768	5749.454	5760.140	5770.826	5781.512	5792.198	5802.884	5813.570	5824.256	5834.942	5845.628	5856.314	5867.000	
5739.042	5749.728	5760.414	5771.100	5781.786	5792.472	5803.158	5813.844	5824.530	5835.216	5845.902	5856.588	5867.274	
5739.316	5750.002	5760.688	5771.374	5782.060	5792.746	5803.432	5814.118	5824.804	5835.490	5846.176	5856.862	5867.548	
5739.590	5750.276	5760.962	5771.648	5782.334	5793.020	5803.706	5814.392	5825.078	5835.764	5846.450	5857.136	5867.822	
5739.864	5750.550	5761.236	5771.922	5782.608	5793.294	5803.980	5814.666	5825.352	5836.038	5846.724	5857.410	5868.096	
5740.138	5750.824	5761.510	5772.196	5782.882	5793.568	5804.254	5814.940	5825.626	5836.312	5846.998	5857.684	5868.370	
5740.412	5751.098	5761.784	5772.470	5783.156	5793.842	5804.528	5815.214	5825.900	5836.586	5847.272	5857.958	5868.644	

2.3. Test Frequency

Test Channel	Test Frequency
Low	5730 MHz
Middle	5800 MHz
High	5870 MHz

2.4. Test Mode

Test Mode	Transmit

2.5. Test Environment Condition

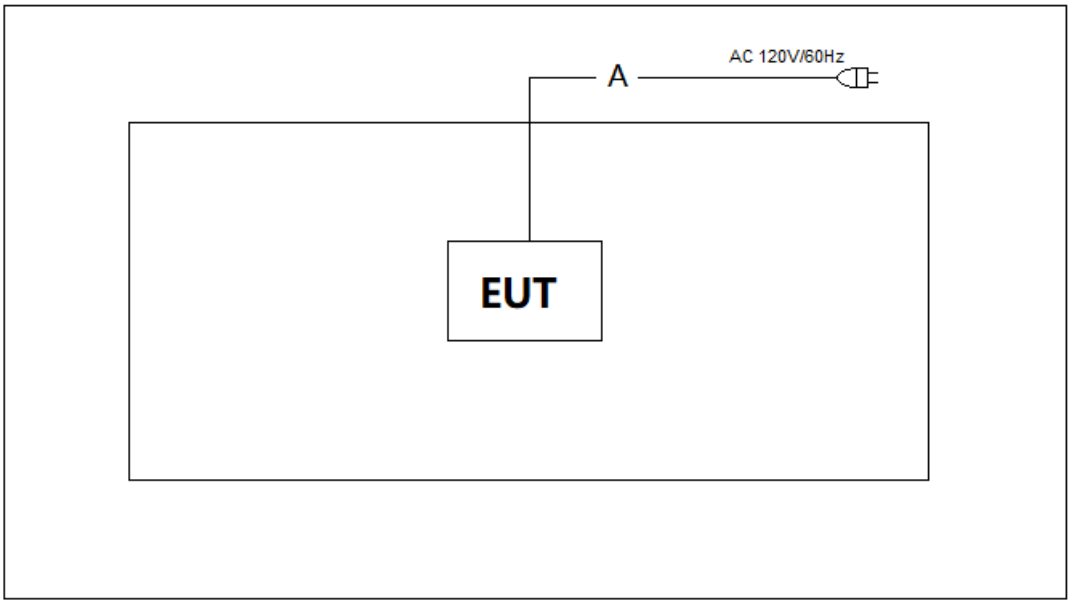
Ambient Temperature	15°C ~ 35°C
Relative Humidity	20%RH ~75%RH

2.6. Test Software

The EUT will be in transmitting mode after power supply.

2.7. Test Configuration

The ANSI C63.10: 2013 was used to reference the appropriate EUT setup for testing.



Signal Cable Type		Signal Cable Description
A	Power Cable	Non-Shielded, < 2m

3. ANTENNA REQUIREMENTS

Excerpt from §15.203 of the FCC Rules/Regulations:

"An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can 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 antenna of the EUT is **permanently attached.**
- There are no provisions for connection to an external antenna.

Conclusion:

This unit complies with the requirement of §15.203.

4. TEST EQUIPMENT CALIBRATION DATE

Conducted Emission (WZ-SR2)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR3	MRTSUE06185	1 year	2021/01/18
				1 year	2022/01/12
Two-Line V-Network	R&S	ENV216	MRTSUE06002	1 year	2021/06/11
Temperature Humidity Meter	testo	608-H1	MRTSUE06404	1 year	2021/07/26
Shielding Room	MIX-BEP	Chamber-SR2	MRTSUE06215	N/A	N/A

Conducted Emission (SIP-SR2)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR3	MRTSUE06613	1 year	2021/07/02
Two-Line V-Network	R&S	ENV216	MRTSUE06003	1 year	2021/06/11
Thermal Hygrometer	testo	608-H1	MRTSUE06621	1 year	2021/12/03

Radiated Emission (WZ-AC1)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR7	MRTSUE06001	1 year	2021/01/18
				1 year	2022/01/12
PXA Signal Analyzer	Keysight	N9030B	MRTSUE06395	1 year	2021/08/30
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2021/10/22
Bilog Period Antenna	Schwarzbeck	VULB 9168	MRTSUE06172	1 year	2021/08/08
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06023	1 year	2021/09/27
Horn Antenna	Schwarzbeck	BBHA9170	MRTSUE06597	1 year	2021/12/16
Microwave System Amplifier	Agilent	83017A	MRTSUE06076	1 year	2021/11/14
Preamplifier	Schwarzbeck	BBV 9721	MRTSUE06121	1 year	2021/06/11
Temperature Humidity Meter	testo	608-H1	MRTSUE06403	1 year	2021/07/26
Anechoic Chamber	TDK	Chamber-AC1	MRTSUE06212	1 year	2021/04/30

Radiated Emission (WZ-AC2)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
MXE EMI Receiver	Keysight	N9038A	MRTSUE06125	1 year	2021/07/02
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2021/10/22
Bilog Period Antenna	Schwarzbeck	VULB 9162	MRTSUE06022	1 year	2021/05/26
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06171	1 year	2021/10/25
Horn Antenna	Schwarzbeck	BBHA9170	MRTSUE06597	1 year	2021/12/16
Broadband Coaxial Preamplifier	Schwarzbeck	BBV 9718	MRTSUE06176	1 year	2021/11/14
Preamplifier	Schwarzbeck	BBV 9721	MRTSUE06121	1 year	2021/06/11
Temperature Humidity Meter	Minggao	ETH529	MRTSUE06170	1 year	2021/12/14
Anechoic Chamber	RIKEN	Chamber-AC2	MRTSUE06213	1 year	2021/04/30

Radiated Emission (SIP-AC1)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR3	MRTSUE06612	1 year	2021/07/02
EXA Signal Analyzer	Keysight	N9010B	MRTSUE06559	1 year	2021/07/23
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2021/10/22
Bilog Period Antenna	Schwarzbeck	VULB9168	MRTSUE06645	1 year	2021/08/30
Double Ridged Horn Antenna	R&S	HF907	MRTSUE06610	1 year	2021/08/30
Preamplifier	EMCI	EMC051845SE	MRTSUE06600	1 year	2021/11/09
Temperature Humidity Meter	testo	608-H1	MRTSUE06620	1 year	2020/12/29
				1 year	2021/12/03
Anechoic Chamber	RIKEN	SIP-AC1	MRTSUE06554	1 year	2020/12/25
				1 year	2021/12/24

Radiated Emission (SIP-AC2)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR3	MRTSUE06613	1 year	2021/07/02
MXA Signal Analyzer	Keysight	N9020B	MRTSUE06604	1 year	2021/09/26
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2021/10/22
Bilog Period Antenna	Schwarzbeck	VULB9168	MRTSUE06646	1 year	2021/08/30
Horn Antenna	Schwarzbeck	BBHA9120D	MRTSUE06648	1 year	2021/11/26
Horn Antenna	Schwarzbeck	BBHA9170	MRTSUE06599	1 year	2021/11/26
Preamplifier	EMCI	EMC051845SE	MRTSUE06644	1 year	2021/11/09
Preamplifier	EMCI	EMC184045SE	MRTSUE06602	1 year	2021/10/12
Temperature Humidity Meter	testo	608-H1	MRTSUE06624	1 year	2020/12/29
				1 year	2021/12/03
Anechoic Chamber	RIKEN	SIP-AC2	MRTSUE06781	1 year	2020/12/25
				1 year	2021/12/24

Radiated Emission (SIP-AC3)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR3	MRTSUE06612	1 year	2021/07/02
EXA Signal Analyzer	Keysight	N9010B	MRTSUE06559	1 year	2021/07/23
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2021/10/22
Bilog Period Antenna	Schwarzbeck	VULB9168	MRTSUE06647	1 year	2021/08/08
Double Ridged Horn Antenna	R&S	HF907	MRTSUE06611	1 year	2021/09/13
Horn Antenna	Schwarzbeck	BBHA9170	MRTSUE06598	1 year	2021/11/26
Preamplifier	EMCI	EMC012645SE	MRTSUE06642	1 year	2021/01/16
Preamplifier	EMCI	EMC184045SE	MRTSUE06641	1 year	2021/01/16
Temperature Humidity Meter	testo	608-H1	MRTSUE06622	1 year	2020/12/29
				1 year	2021/12/03
Anechoic Chamber	RIKEN	SIP-AC3	MRTSUE06782	1 year	2020/12/25
				1 year	2021/12/24

Conducted Test Equipment (WZ-TR3)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	Agilent	N9020A	MRTSUE06106	1 year	2021/04/14
EXA Signal Analyzer	Keysight	N9010B	MRTSUE06607	1 year	2021/01/08
Signal Analyzer	R&S	FSV40	MRTSUE06218	1 year	2021/04/14
Power Meter	Agilent	U2021XA	MRTSUE06030	1 year	2021/10/22
USB wideband power sensor	Keysight	U2021XA	MRTSUE06446	1 year	2021/06/11
USB wideband power sensor	Keysight	U2021XA	MRTSUE06447	1 year	2021/06/11
Bluetooth Test Set	Anritsu	MT8852B-042	MRTSUE06389	1 year	2021/06/11
Audio Analyzer	Agilent	U8903B	MRTSUE06143	1 year	2021/06/11
Modulation Analyzer	HP	HP8901A	MRTSUE06098	1 year	2021/09/26
Wideband Radio Communication Tester	R&S	CMW 500	MRTSUE06243	1 year	2021/10/20
DC Power Supply	GWINSTEK	DPS-3303C	MRTSUE06064	N/A	N/A
Temperature & Humidity Chamber	BAOYT	BYH-150CL	MRTSUE06051	1 year	2021/10/22
Temperature Humidity Meter	testo	608-H1	MRTSUE06401	1 year	2021/07/26

Conducted Test Equipment (SIP-SR5)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Signal Analyzer	R&S	FSV40	MRTSUE06218	1 year	2021/04/14
PXA Signal Analyzer	Keysight	N9030B	MRTSUE06395	1 year	2021/08/30
USB wideband power sensor	Agilent	U2021XA	MRTSUE06595	1 year	2021/09/26
USB wideband power sensor	Agilent	U2021XA	MRTSUE06596	1 year	2021/09/26
Wideband Radio Communication Tester	R&S	CMW 500	MRTSUE06243	1 year	2021/10/20
Bluetooth Test Set	Anritsu	MT8852B-042	MRTSUE06389	1 year	2021/06/11
Temperature Chamber	BAOYT	BYG-408CS	MRTSUE06847	1 year	2021/03/31
Temperature Humidity Meter	testo	622	MRTSUE06629	1 year	2020/12/30
				1 year	2021/11/25

Software	Version	Function
EMI Software	V3	EMI Test Software

5. MEASUREMENT UNCERTAINTY

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

AC Conducted Emission Measurement
Measurement Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 9kHz~150kHz: 3.74dB 150kHz~30MHz: 3.44dB
Radiated Disturbance
Measurement Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): Horizontal: 30MHz~300MHz: 5.04dB 300MHz~1GHz: 4.95dB 1GHz~40GHz: 6.40dB Vertical: 30MHz~300MHz: 5.24dB 300MHz~1GHz: 6.03dB 1GHz~40GHz: 6.40dB
Occupied Bandwidth
Measurement Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 0.28%

6. TEST RESULT

6.1. Summary

FCC Part Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference
15.207	AC Conducted Emissions 150kHz - 30MHz	< FCC 15.207 limits	Line Conducted	Pass	Section 6.2
15.209 15.249	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)	Emissions in restricted bands must meet the radiated limits detailed in 15.209	Radiated	Pass	Section 6.3 & 6.4
15.215(c)	20dB Spectrum Bandwidth	20 dB bandwidth of the emission in the specific band		Pass	Section 6.5

Notes:

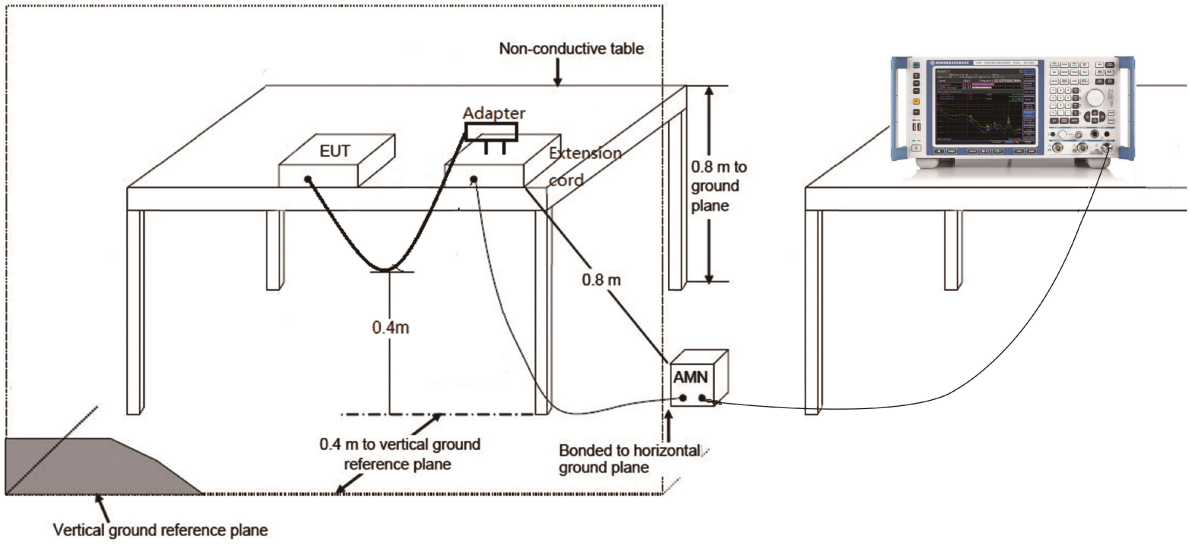
1. All modes of operation and data rates were investigated. For radiated emission test, every axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst-case emissions.
2. The analyzer plots shown in this section were all taken with an offset into the analyzer. The offset was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.

6.2. Conducted Emission

6.2.1.Test Limit

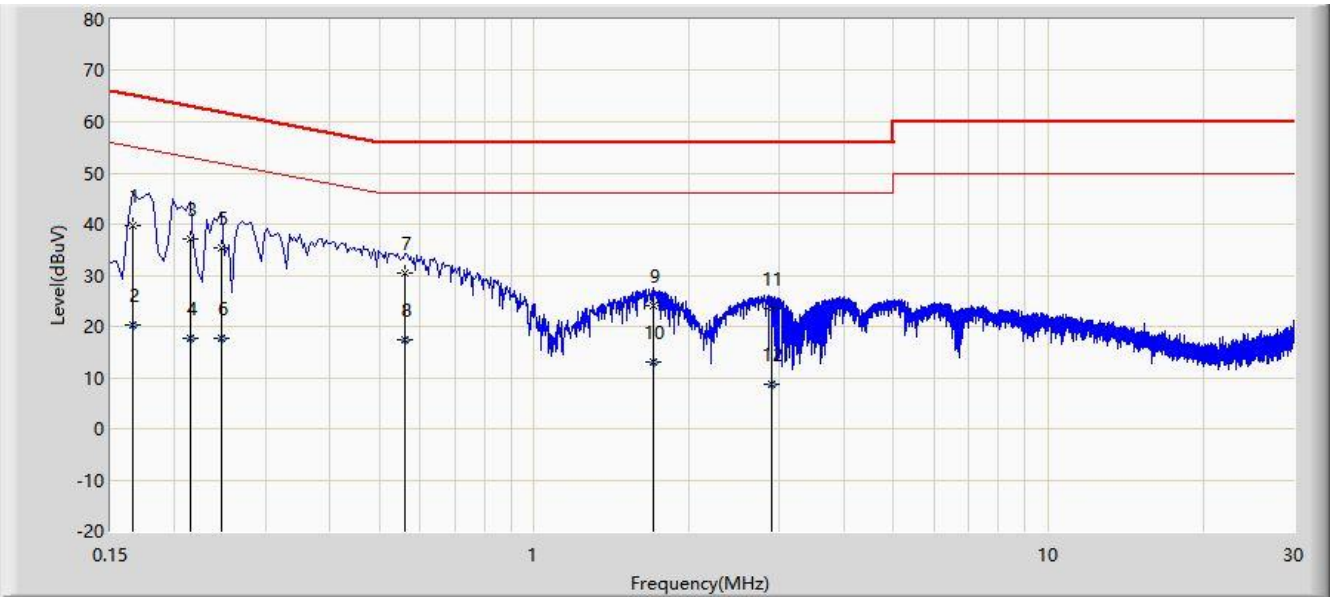
FCC Part 15.207 Limits		
Frequency (MHz)	QP (dBμV)	AV (dBμV)
0.15 ~ 0.50	66 ~ 56	56 ~ 46
0.50 ~ 5.0	56	46
5.0 ~ 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.		

6.2.2.Test Setup



6.2.3.Test Result

Site: WZ-SR2	Time: 2020/12/21 - 13:58
Limit: FCC_Part15.207_CE_AC Power	Engineer: Buter Shi
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Microwave	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5800MHz	

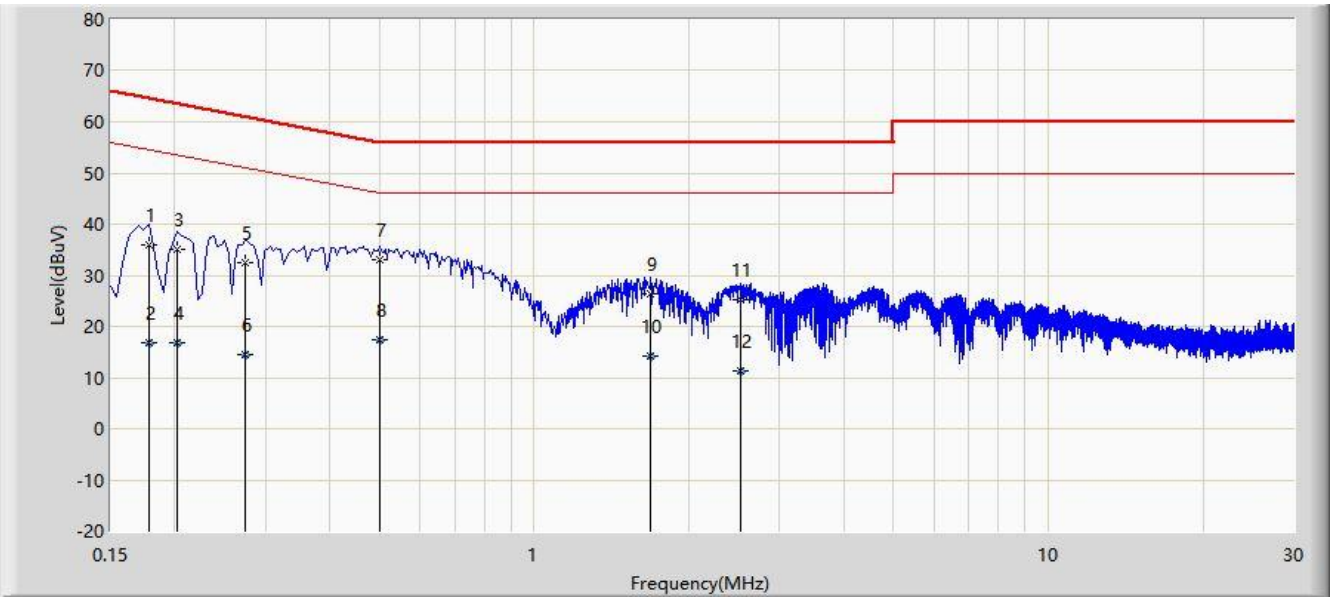


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1			0.166	39.697	30.079	-25.461	65.158	9.617	QP
2			0.166	20.310	10.693	-34.848	55.158	9.617	AV
3			0.214	37.122	27.482	-25.927	63.049	9.640	QP
4			0.214	17.781	8.141	-35.268	53.049	9.640	AV
5			0.246	35.366	25.723	-26.526	61.891	9.642	QP
6			0.246	17.751	8.109	-34.140	51.891	9.642	AV
7		*	0.562	30.556	20.856	-25.444	56.000	9.700	QP
8			0.562	17.345	7.645	-28.655	46.000	9.700	AV
9			1.702	23.949	14.189	-32.051	56.000	9.760	QP
10			1.702	12.955	3.195	-33.045	46.000	9.760	AV
11			2.902	23.592	13.802	-32.408	56.000	9.790	QP
12			2.902	8.718	-1.072	-37.282	46.000	9.790	AV

Note: Measure Level (dBµV) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: WZ-SR2	Time: 2020/12/21 - 14:03
Limit: FCC_Part15.207_CE_AC Power	Engineer: Buter Shi
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Microwave	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5800MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1			0.178	35.886	26.271	-28.692	64.578	9.615	QP
2			0.178	16.892	7.276	-37.686	54.578	9.615	AV
3			0.202	34.970	25.343	-28.557	63.528	9.627	QP
4			0.202	16.753	7.126	-36.775	53.528	9.627	AV
5			0.274	32.395	22.747	-28.601	60.996	9.648	QP
6			0.274	14.481	4.832	-36.515	50.996	9.648	AV
7		*	0.502	33.067	23.377	-22.933	56.000	9.690	QP
8			0.502	17.527	7.837	-28.473	46.000	9.690	AV
9			1.686	26.374	16.614	-29.626	56.000	9.760	QP
10			1.686	14.062	4.302	-31.938	46.000	9.760	AV
11			2.518	25.215	15.435	-30.785	56.000	9.780	QP
12			2.518	11.445	1.665	-34.555	46.000	9.780	AV

Note: Measure Level (dBµV) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

6.3. Radiated Emission

6.3.1.Test Limit

FCC Part 15.249 Limits		
Fundamental Frequency (MHz)	Field Strength of Fundamental (mV/m)	Field Strength of Harmonics (μV/m)
902 ~ 908	50	500
2400 ~ 2483.5	50	500
5725 ~ 5875	50	500
24000 ~ 24250	250	2500
Note: FCC Part 15.249 (d), Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.		

FCC Part 15.209 Limits		
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100**	3
88 ~ 216	150**	3
216 ~ 960	200**	3
Above 960	500	3
Note 1: The lower limit shall apply at the transition frequency. Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system. Note 3: E field strength (dBμV/m) = 20 log E field strength (μV/m).		

6.3.2.Test Procedure Used

ANSI C63.10-2013 Section 6.3 (General Requirements)

ANSI C63.10-2013 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10-2013 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10-2013 Section 6.6 (Standard test method above 1GHz)

6.3.3.Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000MHz	1MHz

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. Span was set greater than 1MHz

3. RBW = as specified in Table 1

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = peak

5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW = 10 Hz.

4. Detector = Peak

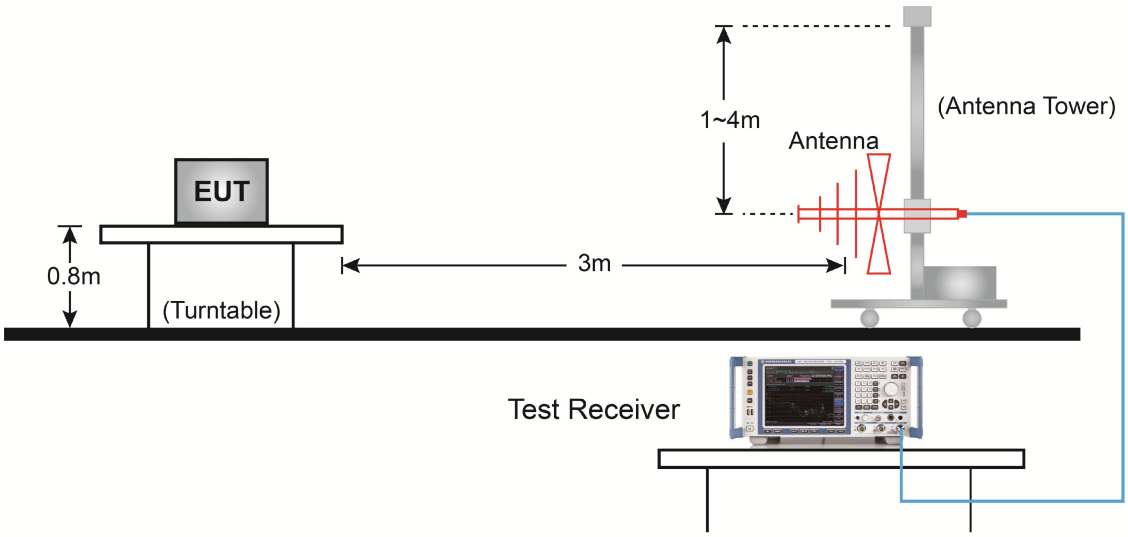
5. Sweep time = auto

6. Trace mode = max hold

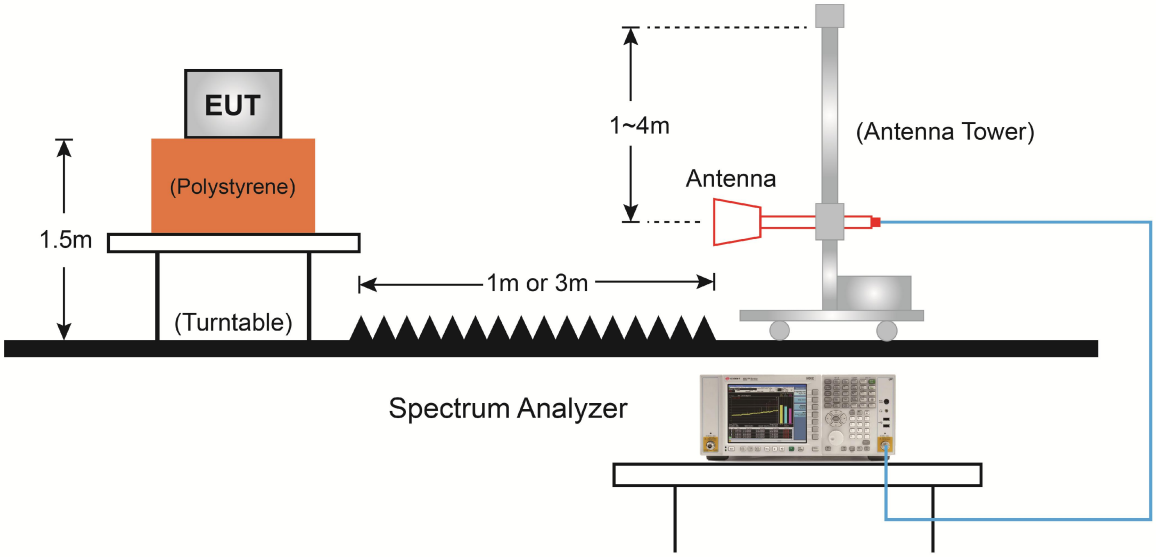
7. Trace was allowed to stabilize

6.3.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



6.3.5.Test Result

Product	Microwave	Test Engineer	Hyde Yu
Test Site	WZ-AC1	Test Date	2020/12/16
Remark	Fundamental Radiated Emission		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
5730	67.1	6.1	73.2	114.0	-40.8	PK	Horizontal
	61.0	6.1	67.1	94.0	-26.9	AV	Horizontal
	62.9	6.1	69.0	114.0	-45.0	PK	Vertical
	60.3	6.1	66.4	94.0	-27.6	AV	Vertical
5800	66.8	6.3	73.1	114.0	-40.9	PK	Horizontal
	60.8	6.3	67.1	94.0	-26.9	AV	Horizontal
	62.5	6.3	68.8	114.0	-45.2	PK	Vertical
	60.1	6.3	66.4	94.0	-27.6	AV	Vertical
5870	66.2	6.5	72.7	114.0	-41.3	PK	Horizontal
	64.3	6.5	70.8	94.0	-23.2	AV	Horizontal
	58.7	6.5	65.2	114.0	-48.8	PK	Vertical
	54.7	6.5	61.2	94.0	-32.8	AV	Vertical
Note: Peak Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)							

Product	Microwave	Test Engineer	Hyde Yu
Test Site	WZ-AC1	Test Date	2020/12/16
Remark	Radiated Emission - 5730MHz		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
7545.0	37.7	10.3	48.0	74.0	-26.0	Peak	Horizontal
8233.5	37.1	11.0	48.1	74.0	-25.9	Peak	Horizontal
8854.0	36.7	11.7	48.4	74.0	-25.6	Peak	Horizontal
9772.0	36.1	14.2	50.3	74.0	-23.7	Peak	Horizontal
7468.5	37.7	10.4	48.1	74.0	-25.9	Peak	Vertical
8352.5	36.2	10.7	46.9	74.0	-27.1	Peak	Vertical
8896.5	37.1	12.0	49.1	74.0	-24.9	Peak	Vertical
9721.0	35.4	14.2	49.6	74.0	-24.4	Peak	Vertical

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre Amplifier Gain (dB)

Note 2: Average measurement was not performed when the peak level lower than average limit.

Product	Microwave	Test Engineer	Hyde Yu
Test Site	WZ-AC1	Test Date	2020/12/16
Remark	Radiated Emission - 5800MHz		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
8361.0	35.5	10.6	46.1	74.0	-27.9	Peak	Horizontal
11600.0	39.0	15.4	54.4	74.0	-19.6	Peak	Horizontal
11600.0	34.6	15.4	50.0	54.0	-4.0	Average	Horizontal
13010.5	34.8	14.8	49.6	74.0	-24.4	Peak	Horizontal
13605.5	34.7	15.7	50.4	74.0	-23.6	Peak	Horizontal
7494.0	37.4	10.3	47.7	74.0	-26.3	Peak	Vertical
8395.0	37.4	10.9	48.3	74.0	-25.7	Peak	Vertical
10001.5	34.2	14.3	48.5	74.0	-25.5	Peak	Vertical
12993.5	35.4	14.8	50.2	74.0	-23.8	Peak	Vertical

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre Amplifier Gain (dB)

Note 2: Average measurement was not performed when the peak level lower than average limit.

Product	Microwave	Test Engineer	Hyde Yu
Test Site	WZ-AC1	Test Date	2020/12/16
Remark	Radiated Emission - 5870MHz		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
7426.0	37.4	10.0	47.4	74.0	-26.6	Peak	Horizontal
11744.0	40.4	14.8	55.2	74.0	-18.8	Peak	Horizontal
11740.0	34.9	14.8	49.7	54.0	-4.3	Average	Horizontal
13852.0	34.6	16.6	51.2	74.0	-22.8	Peak	Horizontal
16529.5	35.0	16.1	51.1	74.0	-22.9	Peak	Horizontal
7494.0	37.4	10.3	47.7	74.0	-26.3	Peak	Vertical
11744.0	37.8	14.9	52.7	74.0	-21.3	Peak	Vertical
13095.5	33.8	14.7	48.5	74.0	-25.5	Peak	Vertical
16283.0	34.2	15.1	49.3	74.0	-24.7	Peak	Vertical

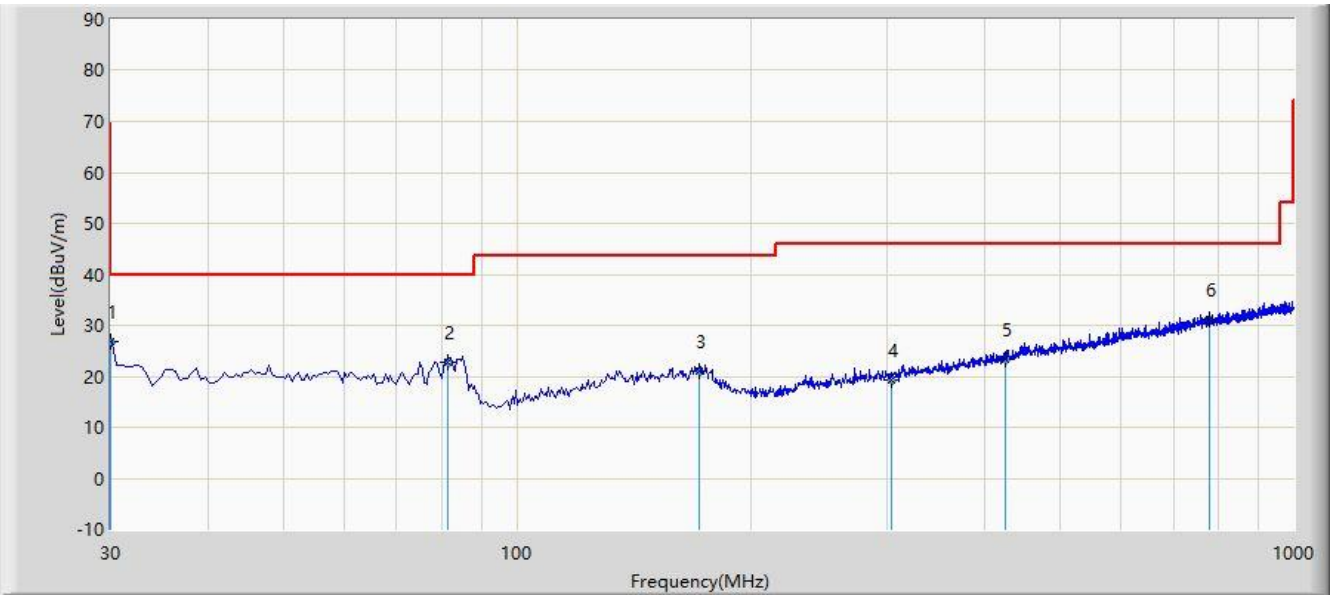
Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre Amplifier Gain (dB)

Note 2: Average measurement was not performed when the peak level lower than average limit.

The Worst Case of Radiated Emission below 1GHz:

Site: WZ-AC1	Time: 2020/12/16
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: Microwave	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5800MHz	



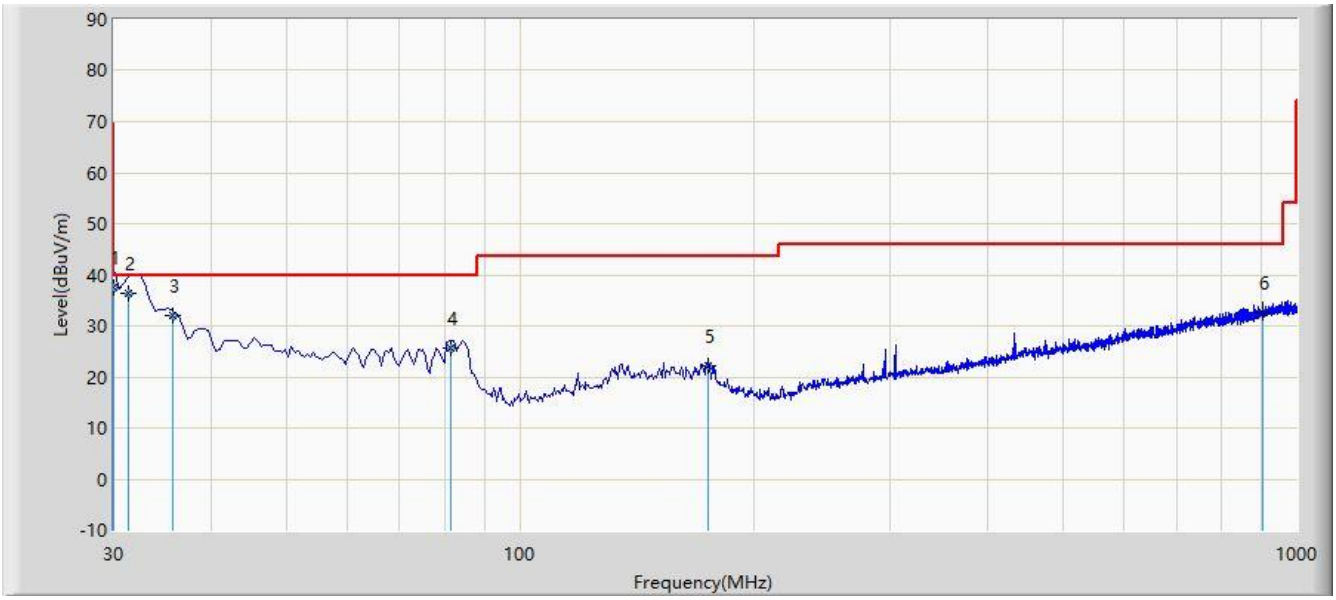
No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	30.000	26.771	10.200	-13.229	40.000	16.571	QP
2			81.410	22.744	9.510	-17.256	40.000	13.234	QP
3			171.620	21.088	3.600	-22.412	43.500	17.488	QP
4			303.540	19.266	0.500	-26.734	46.000	18.766	QP
5			424.790	23.330	1.500	-22.670	46.000	21.830	QP
6			777.385	31.176	2.500	-14.824	46.000	28.676	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: WZ-AC1	Time: 2020/12/16
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: Microwave	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5800MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	30.000	37.671	21.100	-2.329	40.000	16.571	QP
2			31.357	36.241	19.600	-3.759	40.000	16.641	QP
3			35.820	32.111	15.100	-7.889	40.000	17.011	QP
4			81.410	25.534	12.300	-14.466	40.000	13.234	QP
5			175.100	22.139	4.960	-21.361	43.500	17.179	QP
6			904.940	32.576	2.540	-13.424	46.000	30.036	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

6.4. Radiated Restricted Band Edge Measurement

6.4.1.Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 – 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15.209 Limits		
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100**	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

6.4.2.Test Procedure Used

ANSI C63.10-2013 Section 6.3 (General Requirements)

ANSI C63.10-2013 Section 6.6 (Standard test method above 1GHz)

ANSI C63.10-2013 Section 6.10.5 (Restricted-band band-edge measurements)

6.4.3.Test Setting

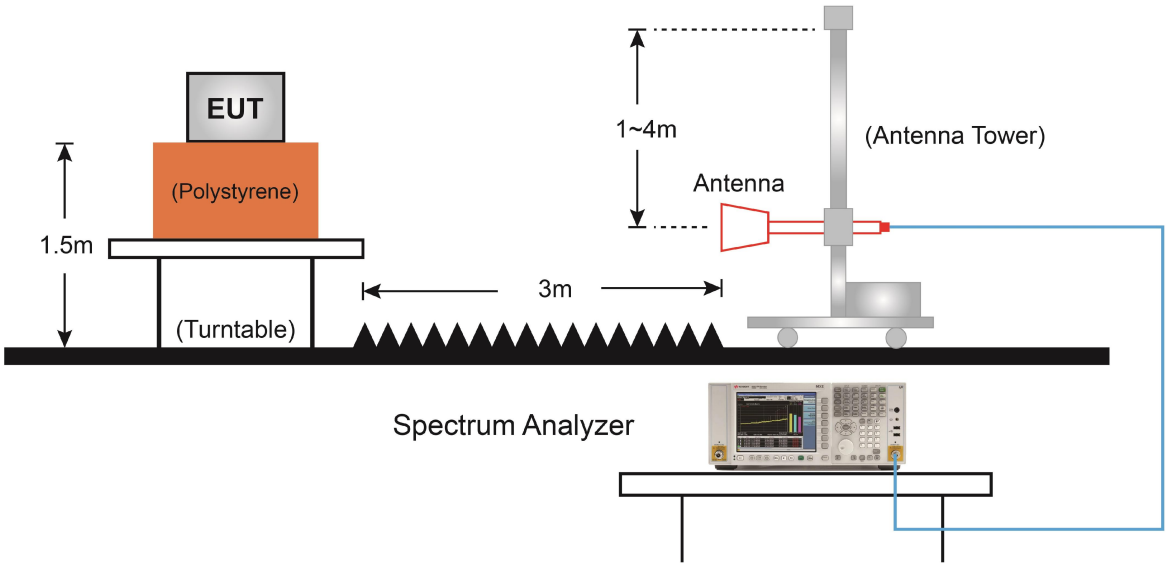
Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Field Strength Measurements

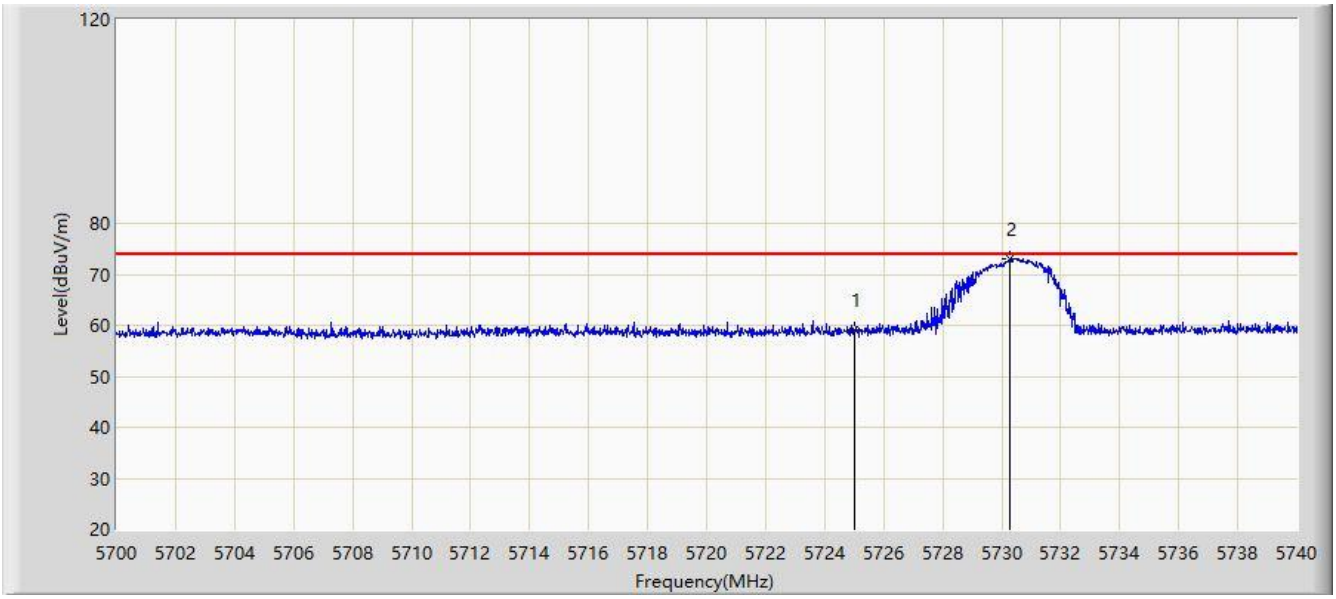
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

6.4.4.Test Setup



6.4.5.Test Result

Site: WZ-AC1	Time: 2020/12/16 - 01:00
Limit: FCC_Part15_Band Edge(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Microwave	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5730MHz	

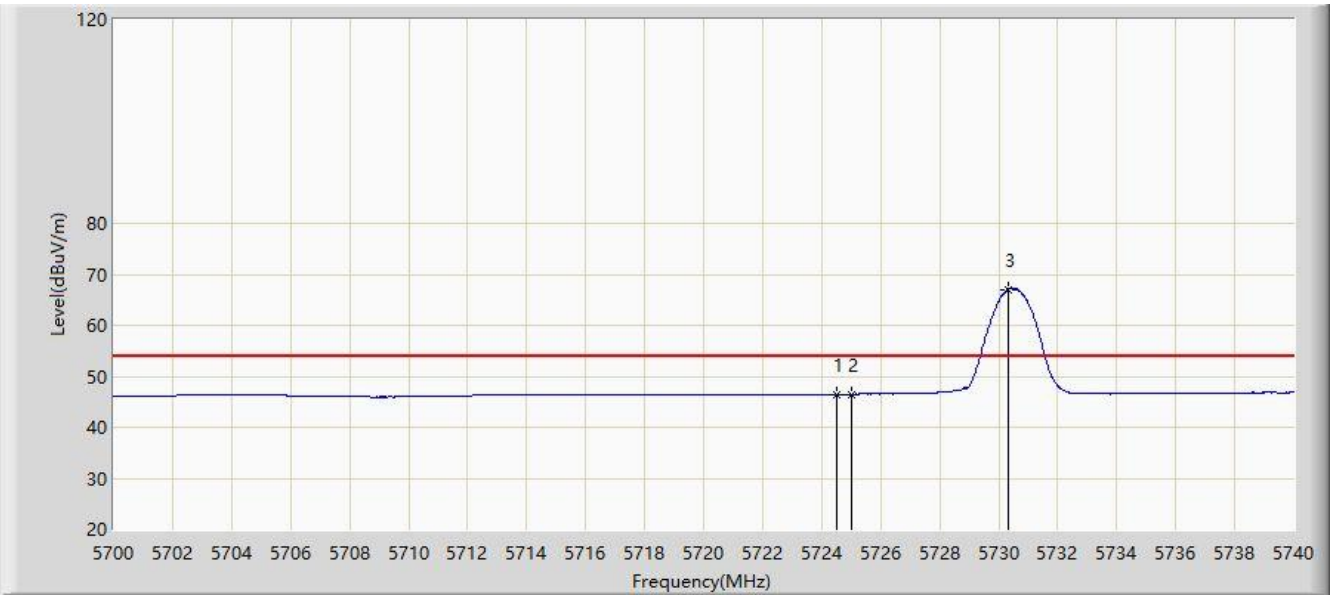


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5725.000	59.228	53.247	-14.772	74.000	5.981	PK
2		*	5730.300	73.176	67.088	-40.824	114.000	6.088	PK

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: WZ-AC1	Time: 2020/12/16 - 01:22
Limit: FCC_Part15_Band Edge(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Microwave	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5730MHz	

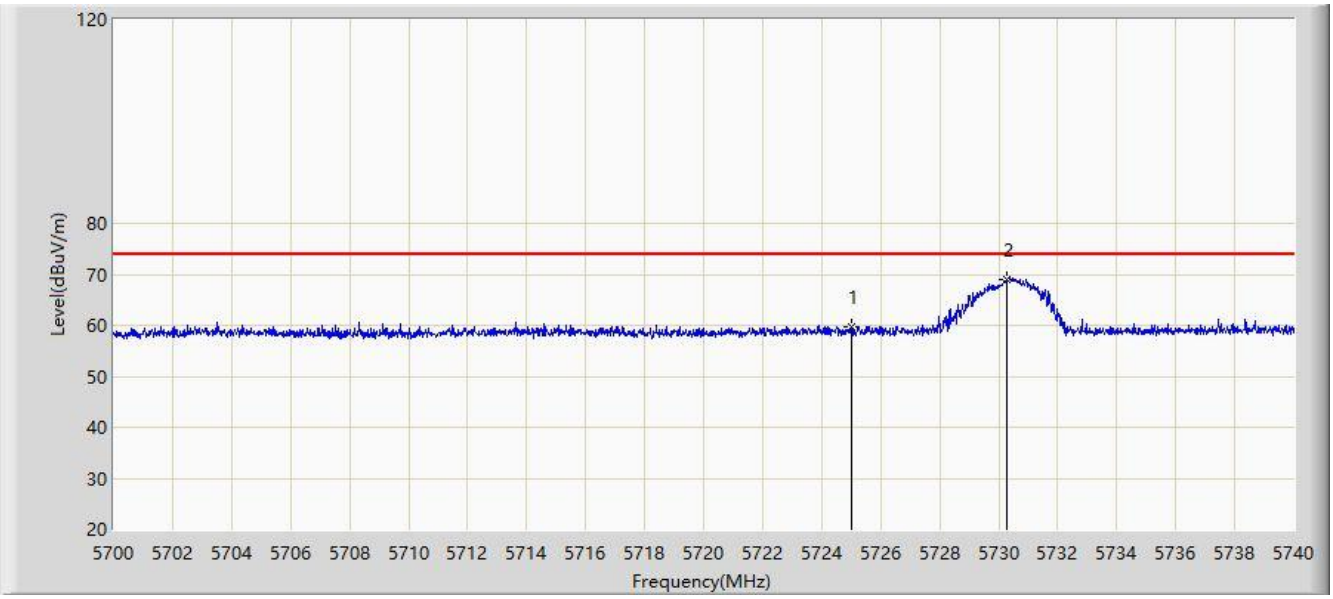


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5724.520	46.512	40.537	-7.488	54.000	5.975	AV
2			5725.000	46.509	40.528	-7.491	54.000	5.981	AV
3		*	5730.320	67.069	60.981	-26.931	94.000	6.088	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: WZ-AC1	Time: 2020/12/16 - 01:26
Limit: FCC_Part15_Band Edge(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Microwave	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5730MHz	

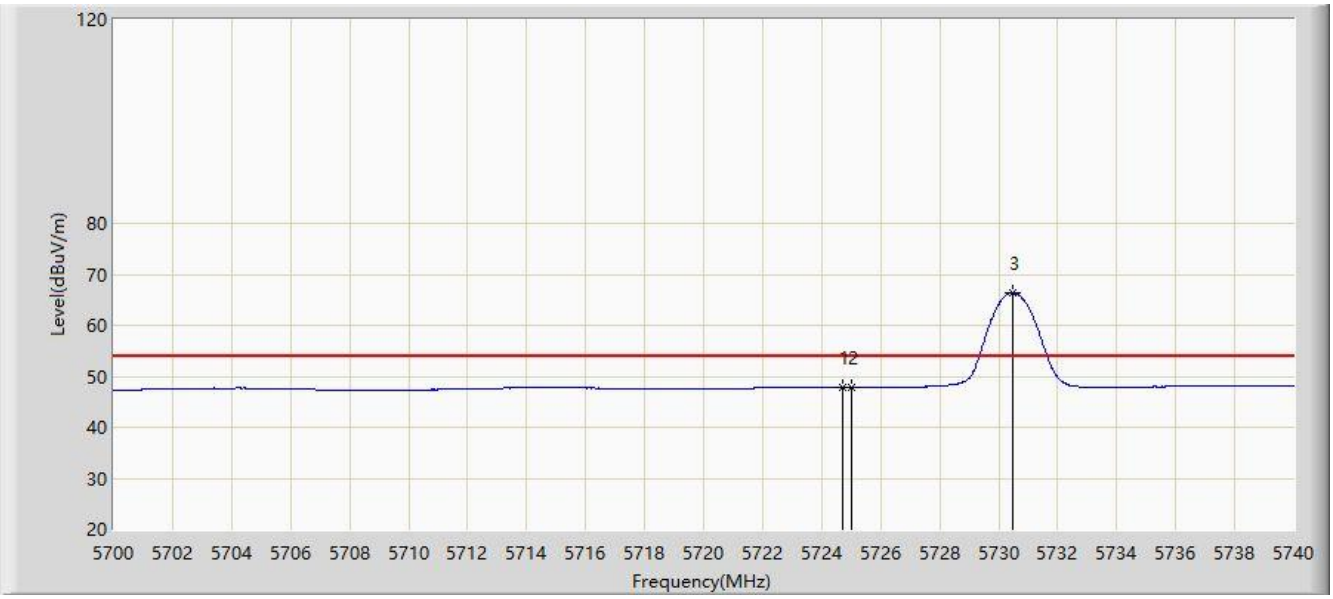


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5725.000	59.649	53.668	-14.351	74.000	5.981	PK
2		*	5730.260	68.976	62.889	-45.024	114.000	6.088	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: WZ-AC1	Time: 2020/12/16 - 01:28
Limit: FCC_Part15_Band Edge(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Microwave	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5730MHz	

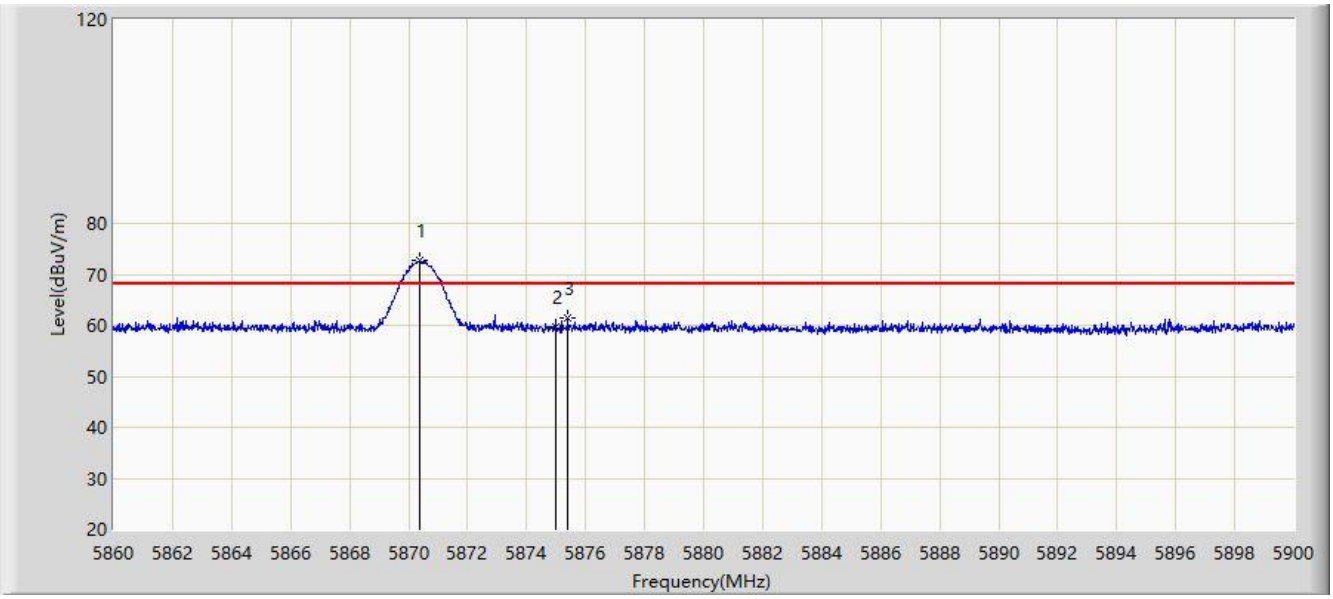


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5724.700	47.851	41.874	-6.149	54.000	5.977	AV
2			5725.000	47.846	41.865	-6.154	54.000	5.981	AV
3		*	5730.480	66.372	60.280	-27.628	94.000	6.091	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: WZ-AC1	Time: 2020/12/16 - 01:42
Limit: FCC_Part15_Band Edge(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Microwave	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5870MHz	

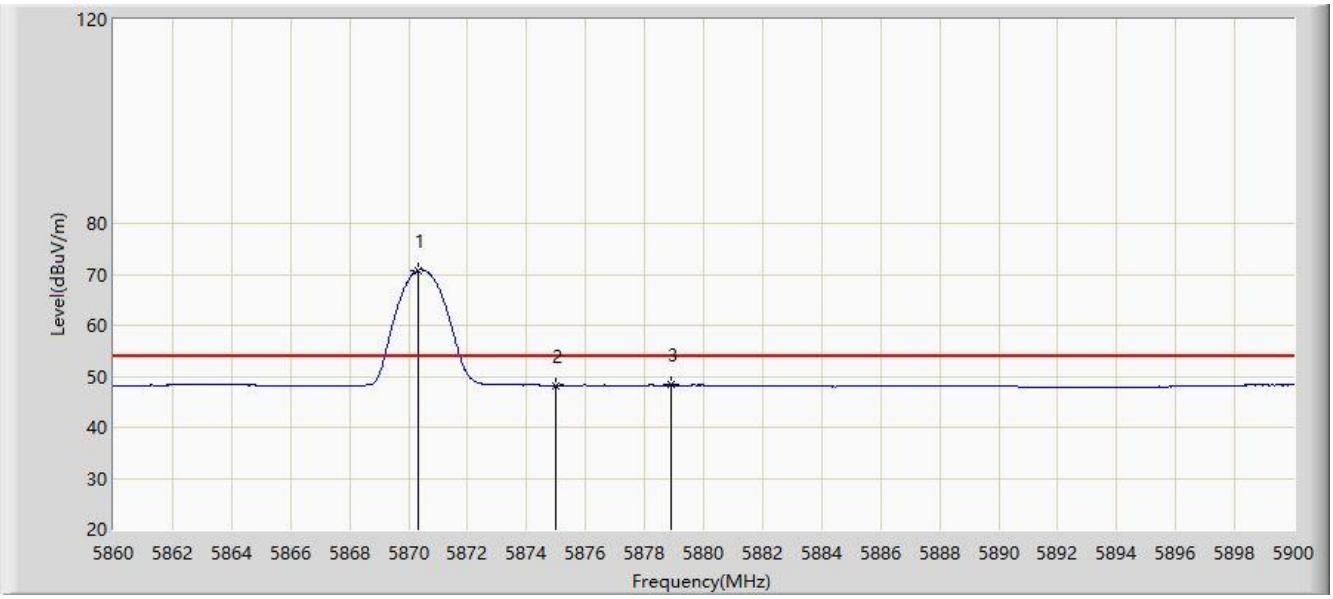


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5870.360	72.685	66.197	-41.315	114.000	6.488	PK
2			5875.000	59.710	53.246	-14.290	74.000	6.464	PK
3			5875.400	61.330	54.868	-12.670	74.000	6.462	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: WZ-AC1	Time: 2020/12/16 - 01:44
Limit: FCC_Part15_Band Edge(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Microwave	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5870MHz	

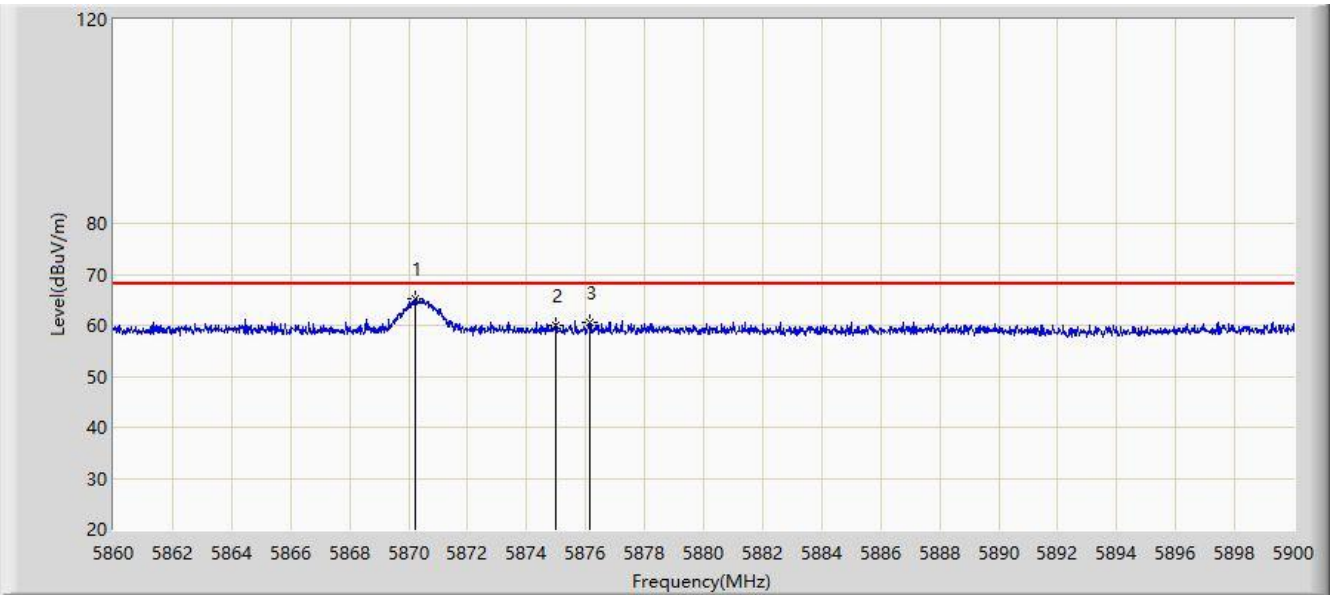


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5870.320	70.803	64.314	-23.197	94.000	6.488	AV
2			5875.000	48.234	41.770	-5.766	54.000	6.464	AV
3			5878.900	48.293	41.849	-5.707	54.000	6.444	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: WZ-AC1	Time: 2020/12/16 - 01:45
Limit: FCC_Part15_Band Edge(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Microwave	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5870MHz	

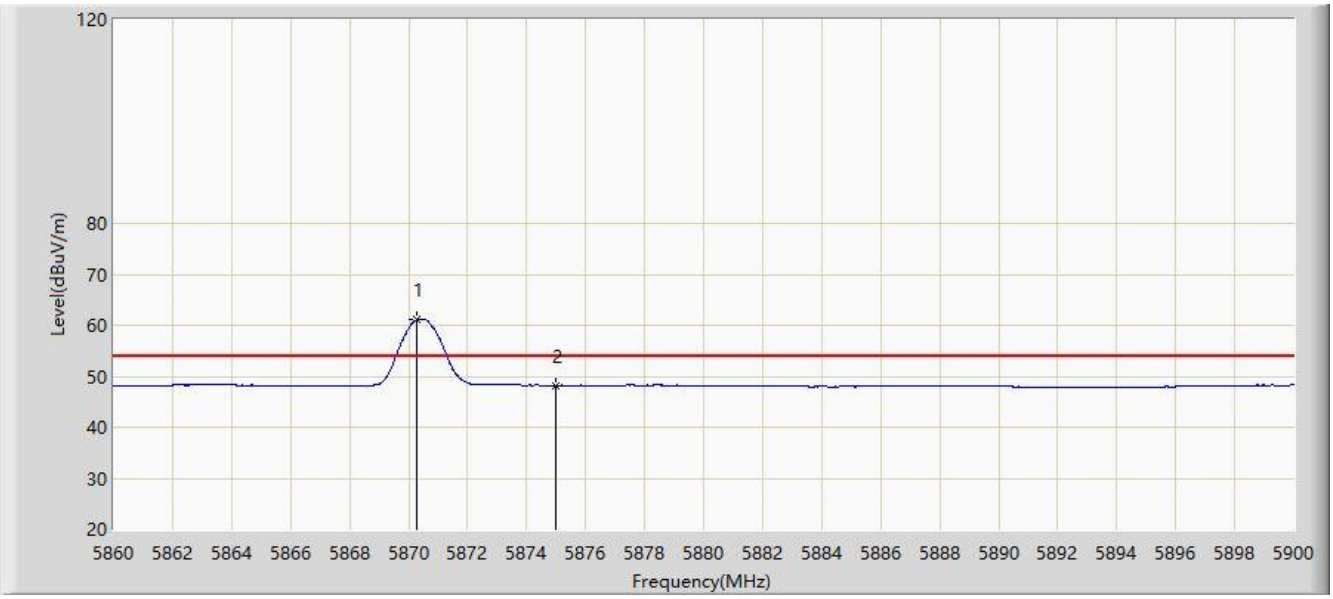


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5870.240	65.222	58.733	-48.778	114.000	6.489	PK
2			5875.000	59.988	53.524	-14.012	74.000	6.464	PK
3			5876.160	60.542	54.084	-13.458	74.000	6.458	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: WZ-AC1	Time: 2020/12/16 - 01:46
Limit: FCC_Part15_Band Edge(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Microwave	Power: AC 120V/60Hz
Test Mode: Transmit at Channel 5870MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5870.280	61.178	54.689	-32.822	94.000	6.489	AV
2			5875.000	48.240	41.776	-5.760	54.000	6.464	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

6.5. 20dB Spectrum Bandwidth Measurement

6.5.1.Test Limit

Intentional radiators must be designed to ensure that the 20 dB bandwidth of the emission in the specific band (5725~5875MHz).

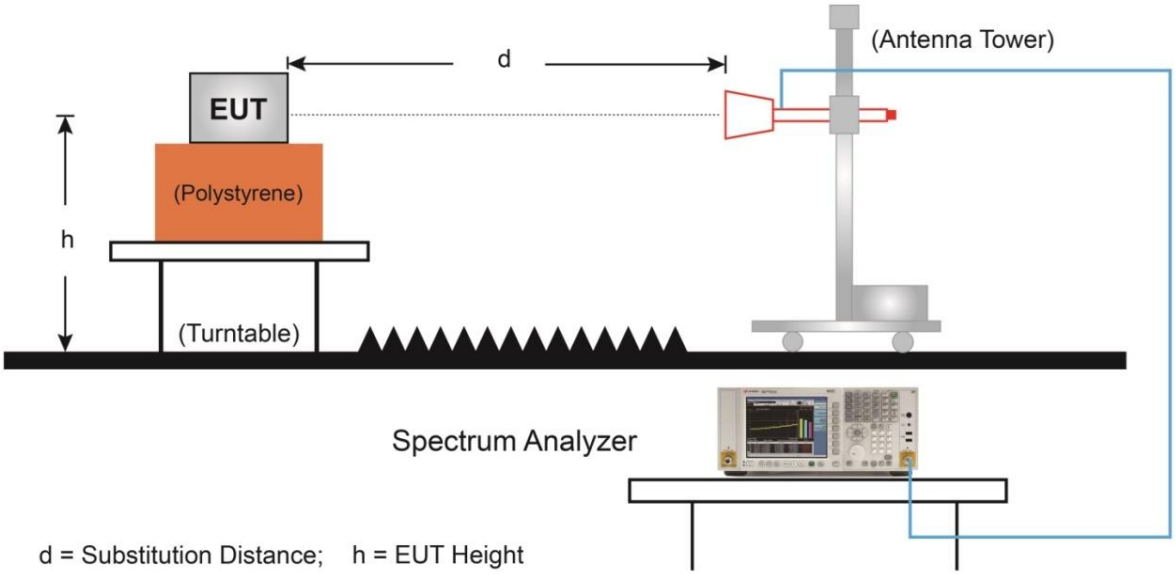
6.5.2.Test Procedure used

ANSI C63.10-2013 Section 6.9.2

6.5.3.Test Setting

1. Set RBW ≥ 1% to 5% of the OBW
2. VBW = Approximately three times RBW
3. Span = Approximately 2 to 5 times the OBW, centered on a hopping channel
4. Detector = Peak
5. Trace mode = Max hold
6. Sweep = Auto couple
7. Allow the trace to stabilize
8. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

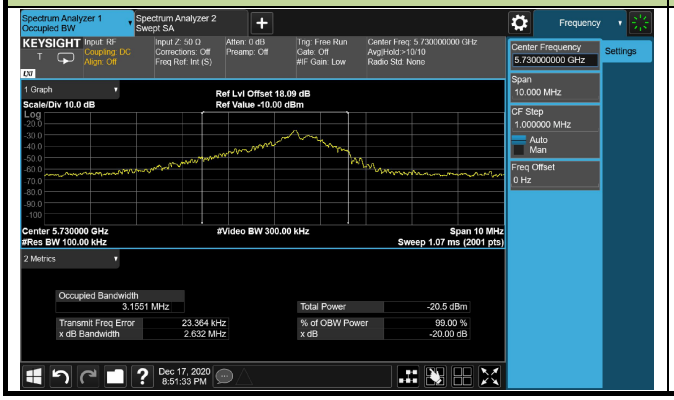
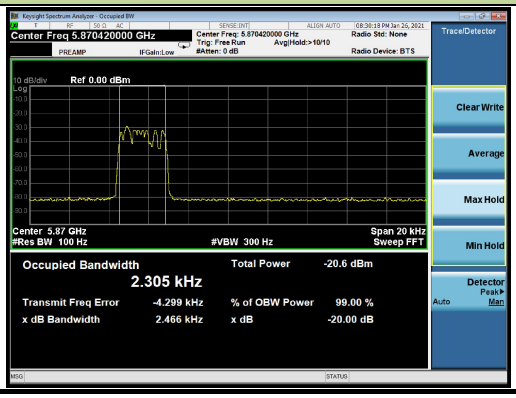
6.5.4.Test Setup



6.5.5.Test Result

Product	Microwave	Test Engineer	Bruce Wang
Test Site	WZ-AC1	Test Date	2020/12/17~2021/01/26

Frequency (MHz)	20dB Bandwidth (kHz)	Low Frequency Range (MHz)	High Frequency Range (MHz)	Limit (MHz)	Result
5730	2632	5728.6840	--	> 5725	Pass
5870	2.466	--	5870.0012	< 5875	Pass

20dB Spectrum Bandwidth Measurement	
5730 MHz	5870 MHz
	

7. CONCLUSION

The data collected relate only the item(s) tested and show that this device is in compliance with Part 15C of the FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to “2007RSU072-UT” file.

Appendix B - EUT Photograph

Refer to “2007RSU072-UE” file.