

# FCC Test Report

Product Name : Android Based UI

Trade Name : PCI

Model No. : CSD-ELINK2

FCC ID. : LY5-PCIABUI

Applicant : PCI Private Limited

Address : 35 Pioneer Road North, Singapore 628475 Singapore

Date of Receipt : Feb. 03, 2020

Issued Date : Mar. 17, 2020

Report No. : 2020009R-RFUSP63V00

Report Version : V1.0



The test results relate only to the samples tested.

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# Test Report Certification

Issued Date : Mar. 17, 2020

Report No. : 2020009R-RFUSP63V00



Product Name : Android Based UI  
Applicant : PCI Private Limited  
Address : 35 Pioneer Road North, Singapore 628475 Singapore  
Manufacturer : PCI Private Limited  
Address : 35 Pioneer Road North, Singapore 628475 Singapore  
Trade Name : PCI  
Model No. : CSD-ELINK2  
FCC ID. : LY5-PCIABUI  
EUT Voltage : DC 5V  
Testing Voltage : DC 5V  
Applicable Standard : FCC CFR Title 47 Part 15 Subpart E Section 15.407: 2018  
ANSI C63.10: 2013  
KDB 789033 D02 v02r01  
KDB 662911 D01 v02r01

Laboratory Name : Hsin Chu Laboratory  
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Test Result : Complied

Documented By

:



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( Carol Tsai / Senior Engineering Adm. Specialist )

Tested By

:



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( Rueyyan Lin / Senior Engineer )

Approved By

:



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( Louis Hsu / Deputy Manager )

**Revision History**

<b>Report No.</b>	<b>Version</b>	<b>Description</b>	<b>Issued Date</b>
2020009R-RFUSP63V00	V1.0	Initial issue of report	Mar. 17, 2020

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## 1. General Information

### 1.1. EUT Description

Product Name	Android Based UI	
Trade Name	PCI	
Model No.	CSD-ELINK2	
Frequency Range/ Channel Number	IEEE 802.11a/ IEEE 802.11n (20MHz) /	5180~5240MHz / 4 Channels 5260~5320MHz / 4 Channels 5500~5700MHz / 11 Channels 5745~5825MHz / 5 Channels
	IEEE 802.11n (40MHz) / IEEE 802.11ac (40MHz)	5190~5230MHz / 2 Channels 5270~5310MHz / 2 Channels 5510~5670MHz / 5 Channels 5755~5795MHz / 2 Channels
	IEEE 802.11ac (80MHz)	5210~5210MHz / 1 Channel 5290~5290MHz / 1 Channel 5530~5610MHz / 2 Channel 5775~5775MHz / 1 Channel
Type of Modulation	IEEE 802.11a/n/ac	Orthogonal Frequency Division Multiplexing (OFDM)
Data Speed	IEEE 802.11a	6, 12, 18, 24, 36, 48, 54Mbps
	IEEE 802.11n	Support a subset of the combination of GI, MCS 0~MCS7 and bandwidth defined in 802.11n
	IEEE 802.11ac	Support a subset of the combination of GI, MCS 0~MCS 9 and bandwidth defined in 802.11ac

Antenna Information	
Antenna Type	Dipole PCB Antenna
Effective Antenna Gain	3.44 dBi

**ANT-TX / RX & Bandwidth**

ANT-TX / RX	TX			RX		
	20MHz	40MHz	80MHz	20MHz	40MHz	80MHz
IEEE802.11a	✓			✓		
IEEE802.11n	✓	✓		✓	✓	
IEEE802.11ac	✓	✓	✓	✓	✓	✓

**IEEE 802.11n**

MCS Index	Modulation	R	N <sub>BPSCS</sub>	N <sub>CBPS</sub>		N <sub>DBPS</sub>		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI	
								20MHz	40MHz	20MHz	40MHz
0	BPSK	1/2	1	52	108	26	54	6.5	13.5	7.2	15.0
1	QPSK	1/2	2	104	216	52	108	13.0	27.0	14.4	30.0
2	QPSK	3/4	2	104	216	78	162	19.5	40.5	21.7	45.0
3	16-QAM	1/2	4	208	432	104	216	26.0	54.0	28.9	60.0
4	16-QAM	3/4	4	208	432	156	324	39.0	81.0	43.3	90.0
5	64-QAM	2/3	6	312	648	208	432	52.0	108.0	57.8	120.0
6	64-QAM	3/4	6	312	648	234	486	58.5	121.5	65.0	135.0
7	64-QAM	5/6	6	312	648	260	540	65.0	135.0	72.2	150.0

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 1 – MCS parameters for TX Antenna number = 1

Symbol	Explanation
R	Code rate
N <sub>BPSC</sub>	Number of coded bits per single carrier
N <sub>CBPS</sub>	Number of coded bits per symbol
N <sub>DBPS</sub>	Number of data bits per symbol
GI	guard interval

**IEEE 802.11ac Data Rate**

Spatial Streams (Note1)	MCS Index	Modulation type	Coding rate	Data Rate(Mb/s)					
				20 MHz		40 MHz		80 MHz	
				Guard Interval		Guard Interval		Guard Interval	
				800ns	400ns	800ns	400ns	800ns	400ns
1	0	BPSK	1/2	6.5	7.2	13.5	15	29.3	32.5
	1	QPSK	1/2	13	14.4	27	30	58.5	65
	2	QPSK	3/4	19.5	21.7	40.5	45	87.8	97.5
	3	16-QAM	1/2	26	28.9	54	60	117	130
	4	16-QAM	3/4	39	43.3	81	90	175.5	195
	5	64-QAM	2/3	52	57.8	108	120	234	260
	6	64-QAM	3/4	58.5	65	121.5	135	263.3	292.5
	7	64-QAM	5/6	65	72.2	135	150	292.5	325
	8	256-QAM	3/4	78	86.7	162	180	351	390
	9	256-QAM	5/6	N/A	N/A	180	200	390	433.3



## IEEE 802.11a &amp; IEEE 802.11n (20MHz) &amp; IEEE 802.11ac (20MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz	48	5240 MHz
52	5260 MHz	56	5280 MHz	60	5300 MHz	64	5320 MHz
100	5500 MHz	104	5520 MHz	108	5540 MHz	112	5560 MHz
116	5580 MHz	120	5600 MHz	124	5620 MHz	128	5640 MHz
132	5660 MHz	136	5680 MHz	140	5700 MHz	149	5745 MHz
153	5765 MHz	157	5785 MHz	161	5805 MHz	165	5825 MHz

## IEEE 802.11n (40MHz) &amp; IEEE 802.11ac (40MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	54	5270MHz	62	5310 MHz
102	5510 MHz	110	5550 MHz	118	5590MHz	126	5630 MHz
134	5670 MHz	151	5755 MHz	159	5795 MHz		

## IEEE 802.11ac (80MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz	106	5530 MHz	122	5610 MHz
155	5775 MHz						

## Note:

1. This device is a Android Based UI including 2.4GHz b/g/n, 5GHz a/n/ac, BT2.0/BT 4.0 transmitting and receiving functions.
2. Regards to the frequency band operation; the lowest , middle and highest frequency of channel were selected to perform the test, and then shown on this report.
3. The EUT description is from the customer declaration.

## 1.2. Test Mode

DEKRA has verified the construction and function in typical operation. The preliminary tests were performed in different data rate, and to find the worst condition, which was shown in this test report. The following table is the final test mode.

Test Mode	Mode 1: Transmit Mode			
Test Items	Modulation	Channel	Antenna	Result
Conducted Emission	11ac (80MHz)	42/58/106/155	0	N/A
26dB& 99% & DTS Bandwidth	a	36/44/48/52/60/64/100/ 116/140/149/157/165	0	Complies
	11n/ac (20MHz)	36/44/48/52/60/64/100/ 116/140/149/157/165	0	Complies
	11n/ac (40MHz)	38/46/54/62/ 102/110/134/151/159	0	Complies
	11ac (80MHz)	42/58/106/122/155	0	Complies
Maximum conducted output power	a	36/44/48/52/60/64/100/ 116/140/149/157/165	0	Complies
	11n/ac (20MHz)	36/44/48/52/60/64/100/ 116/140/149/157/165	0	Complies
	11n/ac (40MHz)	38/46/54/62/ 102/110/134/151/159	0	Complies
	11ac (80MHz)	42/58/106/122/155	0	Complies
Maximum power spectral density	a	36/44/48/52/60/64/100/ 116/140/149/157/165	0	Complies
	11n/ac (20MHz)	36/44/48/52/60/64/100/ 116/140/149/157/165	0	Complies
	11n/ac (40MHz)	38/46/54/62/ 102/110/134/151/159	0	Complies
	11ac (80MHz)	42/58/106/122/155	0	Complies
Radiated Emission	a	36/44/48/52/60/64/100/ 116/140/149/157/165	0	Complies
	11n/ac (20MHz)	36/44/48/52/60/64/100/ 116/140/149/157/165	0	Complies
	11n/ac (40MHz)	38/46/54/62/ 102/110/134/151/159	0	Complies
	11ac (80MHz)	42/58/106/122/155	0	Complies
Band Edge	a	36/44/48/52/60/64/100/ 116/140/149/157/165	0	Complies
	11n/ac (20MHz)	36/44/48/52/60/64/100/ 116/140/149/157/165	0	Complies
	11n/ac (40MHz)	38/46/54/62/ 102/110/134/151/159	0	Complies
	11ac (80MHz)	42/58/106/122/155	0	Complies

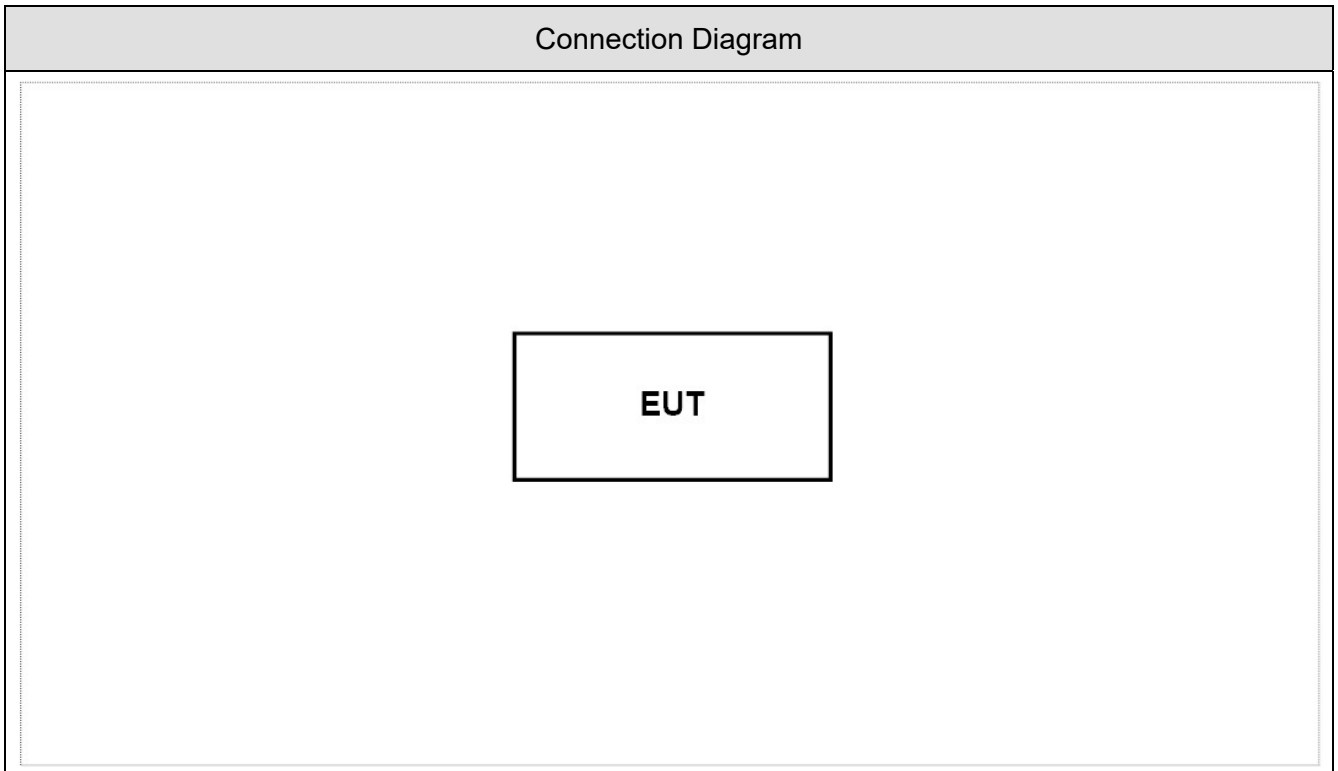
Note: Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

### 1.3. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product	Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
N/A					

### 1.4. Configuration of tested System



### 1.5. EUT Exercise Software

1	Set the EUT as shown in Section 1.4.
2	Execute the "Engineer Mode" on the Android system.
3	Configure test mode, test channel and data rate.
4	EUT start transmitting or receiving continuously.
5	Verify that the device is working properly.

### 1.6. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual	Test Site
Temperature (°C)	FCC PART 15 E 15.407 Conducted Emission	15 - 35	20°C	--
Humidity (%RH)		25 - 75	50%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 E 15.407 26dB& 99% & DTS Bandwidth	15 - 35	25°C	3
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 E 15.407 Maximum conducted output power	15 - 35	25°C	3
Humidity (%RH)		25 - 75	65%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 E 15.407 Maximum power spectral density	15 - 35	25°C	3
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 E 15.407 Radiated Emission	15 - 35	25°C	2
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	
Temperature (°C)	FCC PART 15 E 15.407 Band Edge	15 - 35	25°C	2
Humidity (%RH)		25 - 75	45%RH	
Barometric pressure (mbar)		860 - 1060	950-1000	

Note: Test site information refers to Laboratory Information.

## Laboratory Information

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site: <http://www.dekra.com.tw>

If you have any comments, please don't hesitate to contact us. Our test sites as below:

Test Laboratory	DEKRA Testing and Certification Co., Ltd.
Address	<ol style="list-style-type: none"><li>1. No. 75-2, 3rd Lin, WangYe Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan, R.O.C.</li><li>2. No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.</li><li>3. No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.</li></ol>
Phone number	<ol style="list-style-type: none"><li>1. +886-3-592-8858</li><li>2. +886-3-582-8001</li><li>3. +886-3-582-8001</li></ol>
Fax number	<ol style="list-style-type: none"><li>1. +886-3-592-8859</li><li>2. +886-3-582-8958</li><li>3. +886-3-582-8958</li></ol>
Email address	<a href="mailto:info.tw@dekra.com">info.tw@dekra.com</a>
Website	<a href="http://www.dekra.com.tw">http://www.dekra.com.tw</a>

## 1.7. List of Test Equipment

26dB & 99% & DTS Bandwidth / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2019/06/18	2020/06/17
Spectrum Analyzer	Keysight	N9010B	MY57110159	2019/05/03	2020/05/02
Spectrum Analyzer	Agilent	N9010A	US47140172	2019/06/28	2020/06/27
Signal & Spectrum Analyzer	R&S	FSV40	101049	2019/09/11	2020/09/10

Maximum conducted output power / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	2019/12/02	2020/12/01
Pulse Power Sensor	Anritsu	MA2411B	1531043	2019/12/02	2020/12/01
Pulse Power Sensor	Anritsu	MA2411B	1531044	2019/12/02	2020/12/01
Power Meter	Keysight	8990B	MY51000248	2019/05/21	2020/05/20
Power Sensor	Keysight	N1923A	MY57240005	2019/05/21	2020/05/20

Maximum power spectral density / SR12-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Keysight	N9030B	MY57140404	2019/06/18	2020/06/17
Spectrum Analyzer	Keysight	N9010B	MY57110159	2019/05/03	2020/05/02
Spectrum Analyzer	Agilent	N9010A	US47140172	2019/06/28	2020/06/27
Signal & Spectrum Analyzer	R&S	FSV40	101049	2019/09/11	2020/09/10

## Radiated Emission / CB2-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal Analyzer	R&S	FSVA40	101455	2019/10/21	2020/10/20
Signal & Spectrum Analyzer	R&S	FSV40	101049	2019/09/11	2020/09/10
Signal Analyzer	R&S	FSV40	101435	2019/07/08	2020/07/07
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2020/02/21	2021/02/20
Bilog Antenna	Teseq	CBL6112D	23191	2019/06/17	2020/06/16
Horn Antenna	Schwarzbeck	BBHA 9120D	639	2019/05/28	2020/05/27
Horn Antenna	Schwarzbeck	BBHA 9120D	01656	2019/10/25	2020/10/24
Horn Antenna	Schwarzbeck	BBHA 9170	202	2019/12/27	2020/12/26
Horn Antenna	Schwarzbeck	BBHA 9170	203	2019/03/09 2020/03/09	2020/03/08 2021/03/08
Pre-Amplifier	DEKRA	AP-025C	12183122	2019/09/24	2020/09/23
Pre-Amplifier	EMCI	EMC11830I	980366	2019/12/03	2020/12/02
Pre-Amplifier	DEKRA	AP-400C	201801231	2019/12/03	2020/12/02
Band Reject Filter	Micro-Tronics	BRM50716	G089	2019/03/27	2020/03/26
Band Reject Filter	Micro-Tronics	BRM50716	G068	2019/03/27	2020/03/26
Coaxial Cable(16m)	Huber+Suhner	SF104	CB2-H	2019/07/25	2020/07/24
EMI system	DEKRA	Version 1.0	CB2-H	NA	NA

## Band Edge / CB2-H

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Signal Analyzer	R&S	FSVA40	101455	2019/10/21	2020/10/20
Signal & Spectrum Analyzer	R&S	FSV40	101049	2019/09/11	2020/09/10
Signal Analyzer	R&S	FSV40	101435	2019/07/08	2020/07/07
EXA Signal Analyzer	Keysight	N9010A	MY51440132	2020/02/21	2021/02/20
Bilog Antenna	Teseq	CBL6112D	23191	2019/06/17	2020/06/16
Horn Antenna	Schwarzbeck	BBHA 9120D	639	2019/05/28	2020/05/27
Horn Antenna	Schwarzbeck	BBHA 9120D	01656	2019/10/25	2020/10/24
Horn Antenna	Schwarzbeck	BBHA 9170	202	2019/12/27	2020/12/26
Horn Antenna	Schwarzbeck	BBHA 9170	203	2019/03/09 2020/03/09	2020/03/08 2021/03/08
Pre-Amplifier	DEKRA	AP-025C	12183122	2019/09/24	2020/09/23
Pre-Amplifier	EMCI	EMC11830I	980366	2019/12/03	2020/12/02
Pre-Amplifier	DEKRA	AP-400C	201801231	2019/12/03	2020/12/02
Band Reject Filter	Micro-Tronics	BRM50716	G089	2019/03/27	2020/03/26
Band Reject Filter	Micro-Tronics	BRM50716	G068	2019/03/27	2020/03/26
Coaxial Cable(16m)	Huber+Suhner	SF104	CB2-H	2019/07/25	2020/07/24
EMI system	DEKRA	Version 1.0	CB2-H	NA	NA

Note: All equipment upon which need to calibrated are with calibration period of 1 year.



## 1.8. Duty Cycle

Mode	On Time(ms)	On+Off Time(ms)	Duty Cycle(%)	Duty Factor(dB) linear voltage	Duty Factor(dB) Power	1/T Minimum VBW (kHz)
802.11a	1.391	1.429	97.34%	0.234102	0.12	0.719
802.11ac VHT20	1.311	1.349	97.18%	0.248185	0.12	0.763
802.11ac VHT40	0.651	0.688	94.68%	0.474885	0.24	1.535
802.11ac VHT80	0.324	0.360	90.16%	0.899870	0.45	3.084

Note:

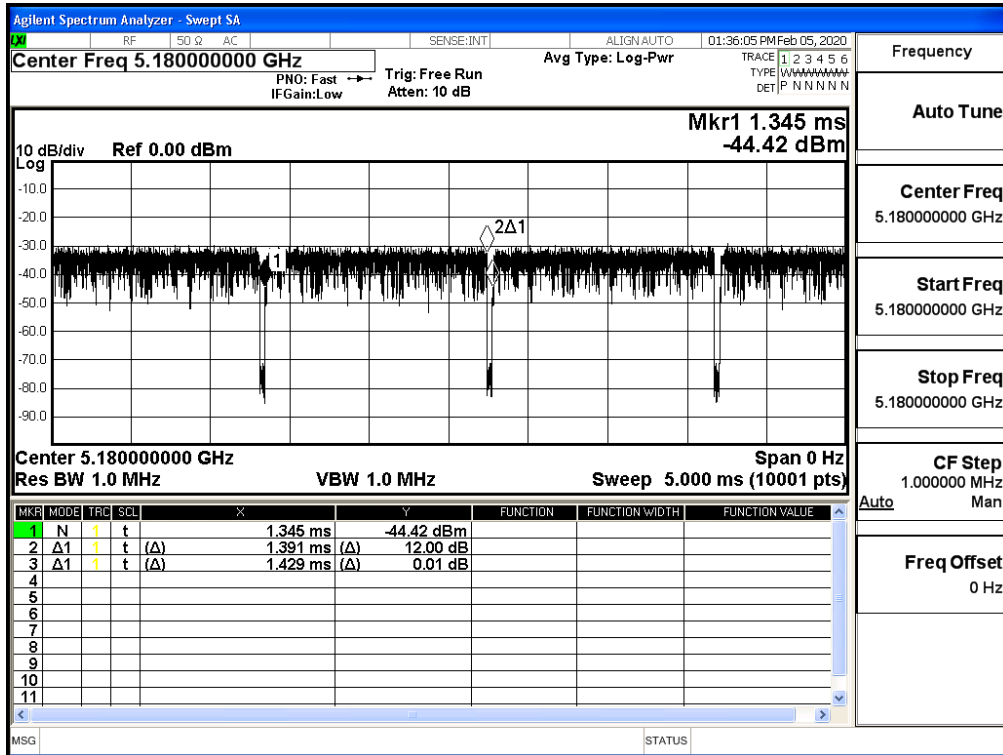
Offset =  $20 \log(1/\text{duty cycle})$

Accotding to KDB 789033

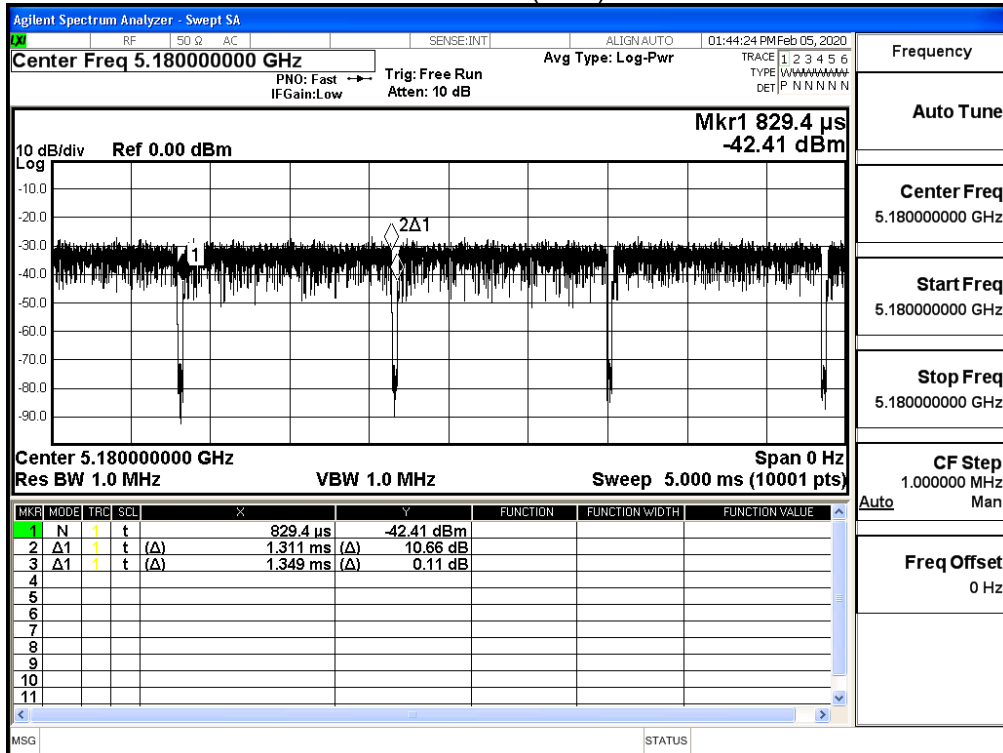
If power averaging (rms) mode was used in step (iv) above, the correction factor is  $10 \log (1/x)$ , where x is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB must be added to the measured emission levels.

If linear voltage averaging mode was used in step (iv) above, the correction factor is  $20 \log (1/x)$ , where x is the duty cycle. For example, if the transmit duty cycle was 50%, then 6 dB must be added to the measured emission levels.

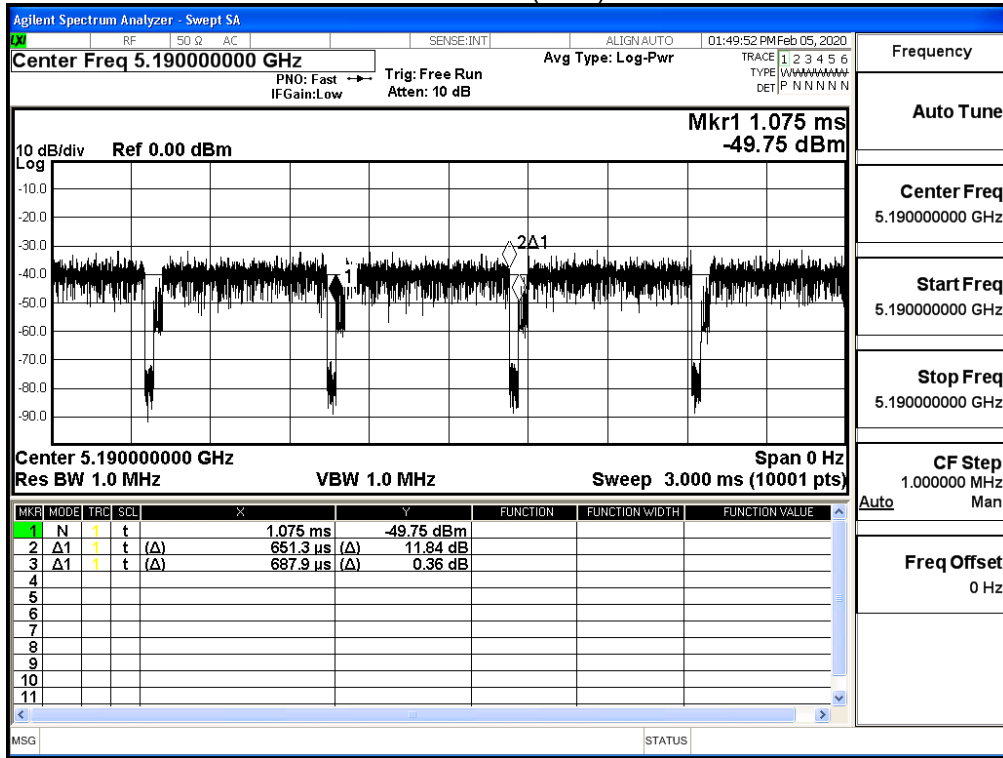
802.11a



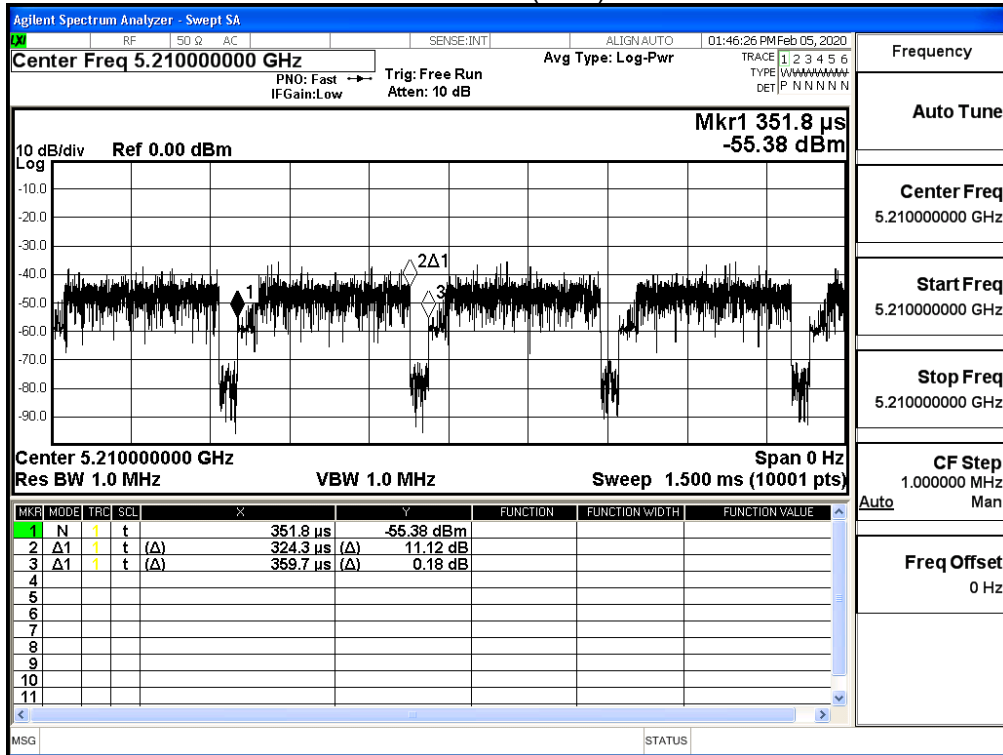
802.11ac(20M)



802.11ac(40M)



802.11ac(80M)

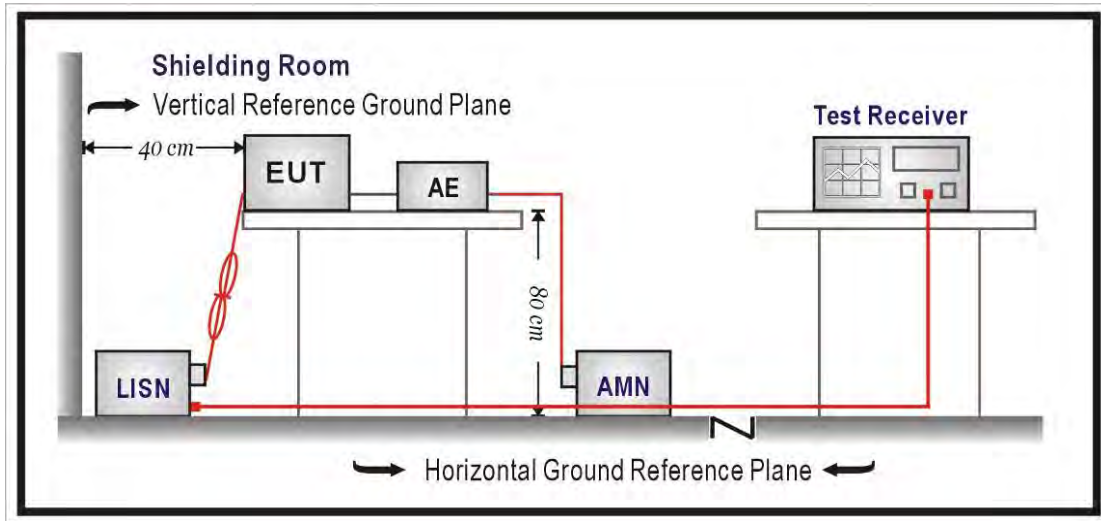


**1.9. Uncertainty**

Test item	Uncertainty
Conducted Emission	$\pm 2.26$ dB
26dB $\&$ 26dB $\&$ 99% $\&$ DTS Bandwidth	$\pm 50$ Hz
Maximum conducted output power	$\pm 1.27$ dB
Maximum power spectral density	$\pm 1.27$ dB
Radiated Emission	30MHz~1GHz as $\pm 3.43$ dB 1GHz~26.5Ghz as $\pm 3.65$ dB
Band Edge	$\pm 3.65$ dB

## 2. Conducted Emission

### 2.1. Test Setup



### 2.2. Limits

FCC Part 15 Subpart C Paragraph 15.207 Limits (dBuV)		
Frequency MHz	QP	AV
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Remark: In the above table, the tighter limit applies at the band edges.

---

### **2.3. Test Procedure**

The EUT was setup according to ANSI C63.10: 2013. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)

Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

### **2.4. Test Specification**

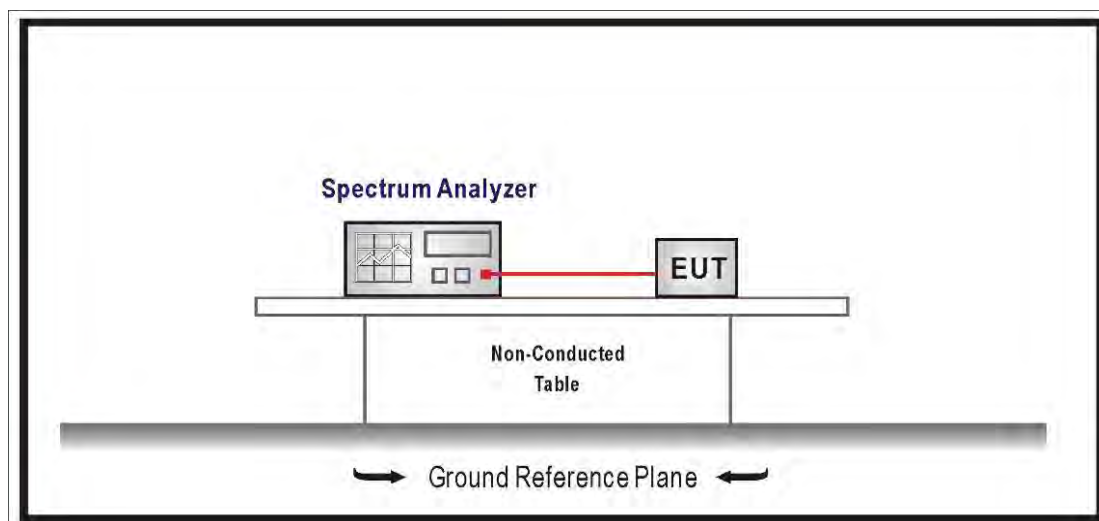
According to FCC Part 15 Subpart C Paragraph 15.407: 2017

### **2.5. Test Result**

Owing to the DC operation of EUT, this test item is not performed.

### 3. 26dB & 99% & DTS Bandwidth

#### 3.1. Test Setup



#### 3.2. Limits

99% & 26dB Bandwidth : No Required

6dB Bandwidth  $\geq$  500KHz

#### 3.3. Test Procedure

99% & 26dB Bandwidth :

The EUT was tested according to U-NII test procedure of KDB 789033.D02 v02r01

Set RBW 1% of the emission bandwidth, VBW equal to 3 times the RBW.

DTS Bandwidth :

Set RBW = 100KHz,  $VBW \geq 3 \times RBW$ , Sweep time=Auto, Set Peak detector.

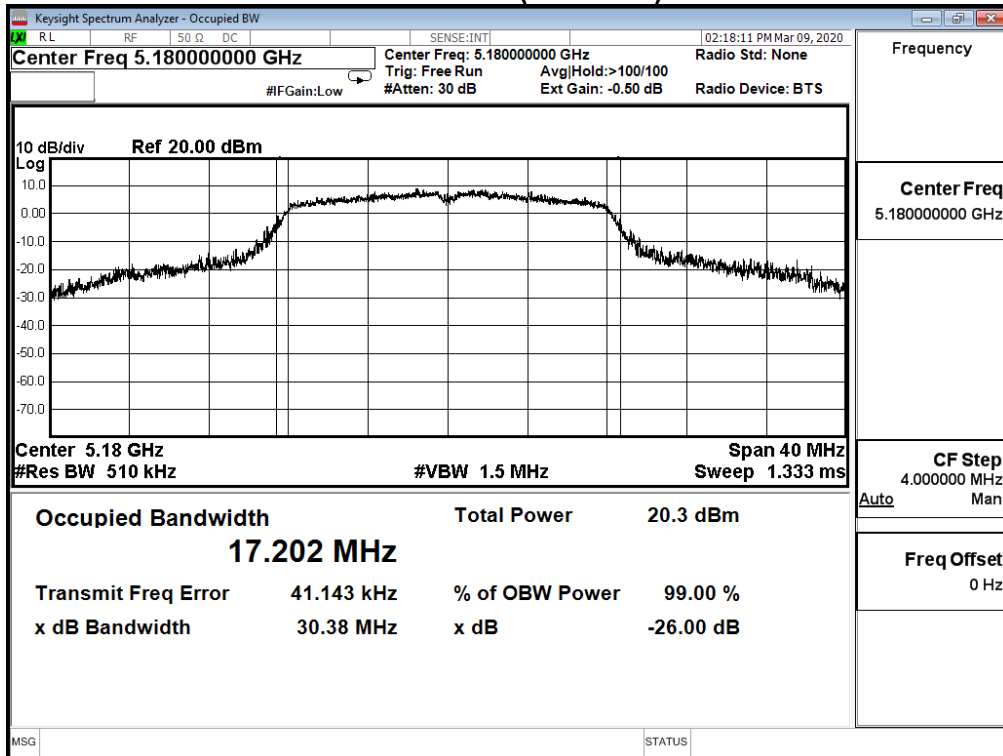
### 3.4. Test Result

Product	Android Based UI		
Test Item	26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

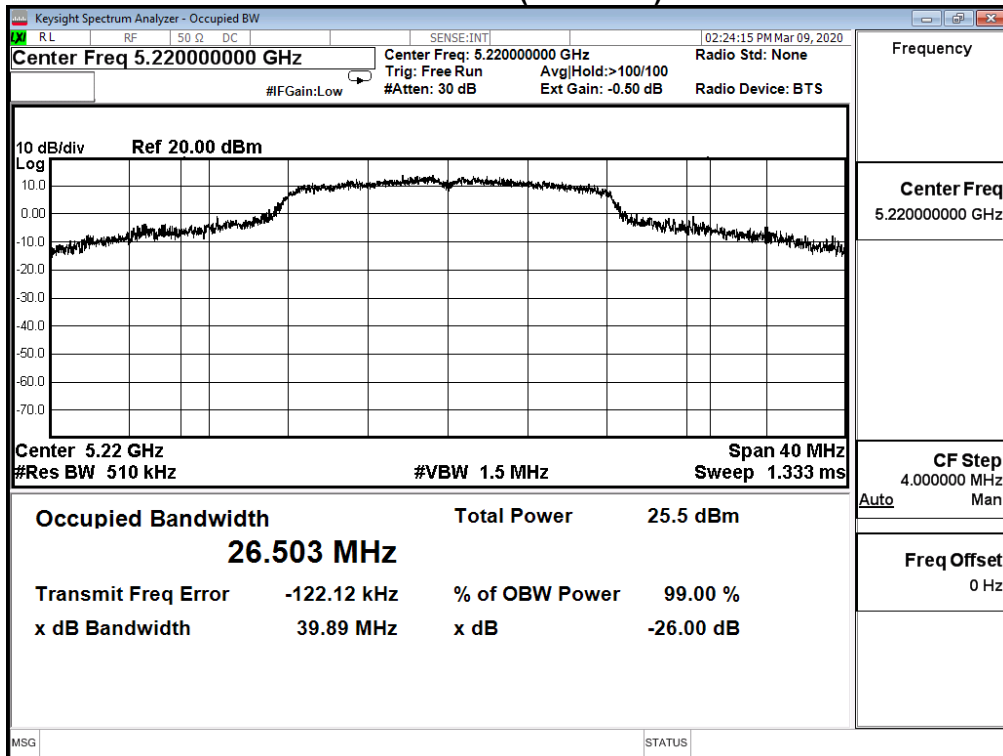
IEEE 802.11a (ANT 0)					
Channel No.	Frequency (MHz)	Measure Value		Limit (MHz)	Result
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)		
36	5180	17.202	30.380	--	Pass
44	5220	26.503	39.890	--	Pass
48	5240	26.728	39.750	--	Pass
52	5260	25.240	39.970	--	Pass
60	5300	24.306	39.090	--	Pass
64	5320	16.930	25.290	--	Pass
100	5500	17.156	23.690	--	Pass
116	5580	22.346	37.690	--	Pass
140	5700	16.802	22.680	--	Pass
149	5745	19.329	N/A	--	Pass
157	5785	18.878		--	Pass
165	5825	17.885		--	Pass



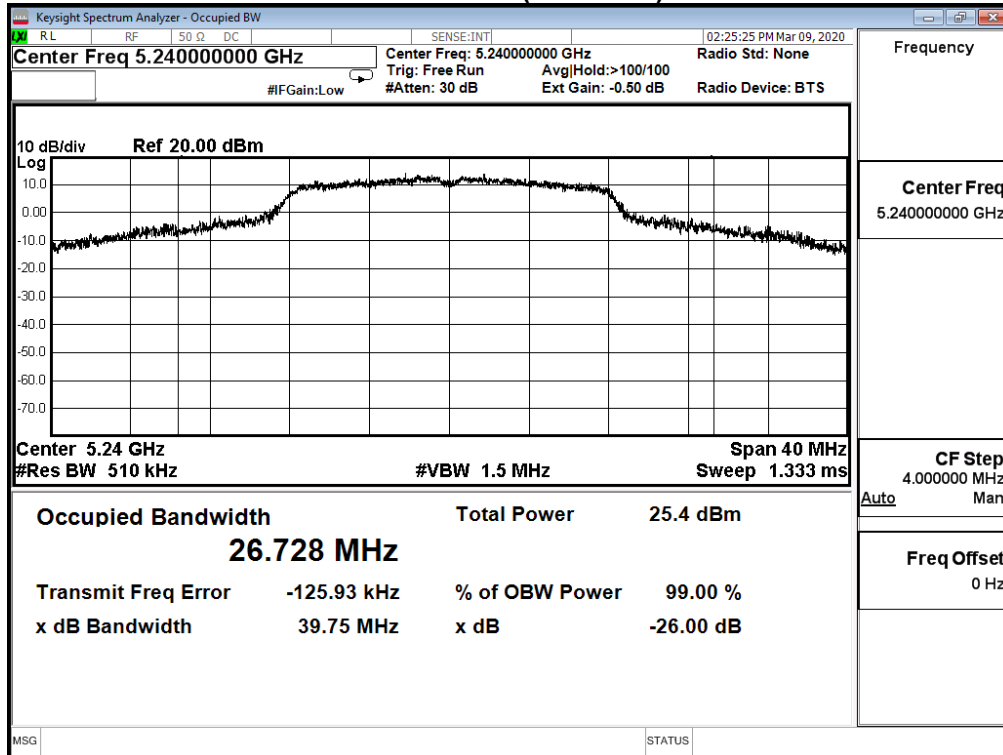
### Channel 36 (5180MHz)



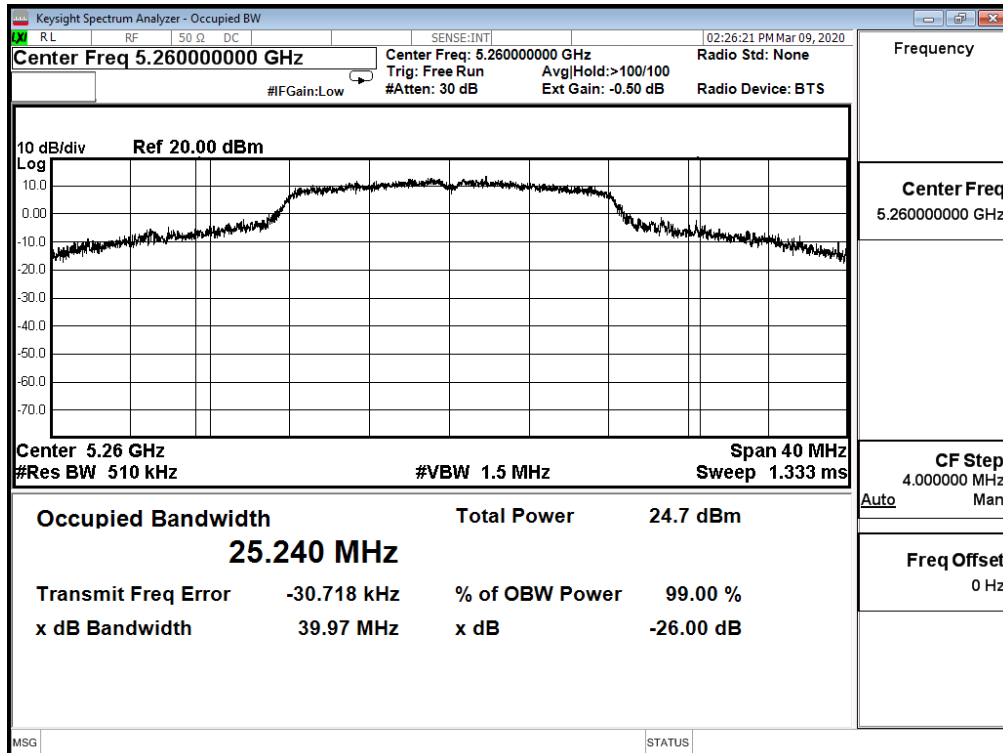
### Channel 44 (5220MHz)



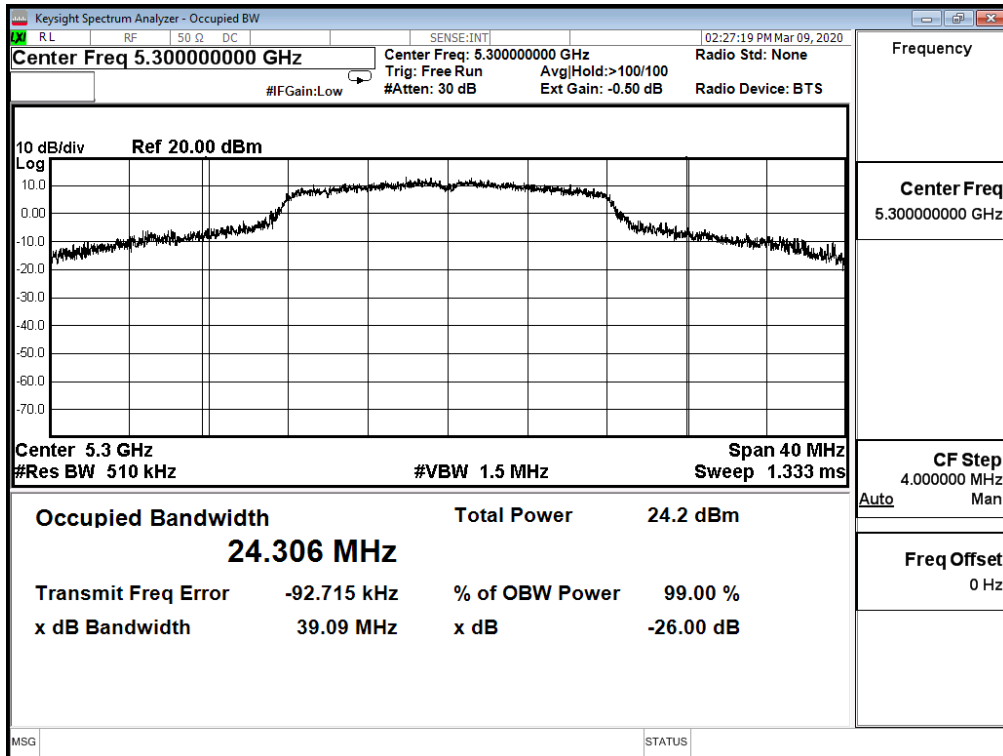
### Channel 48 (5240MHz)



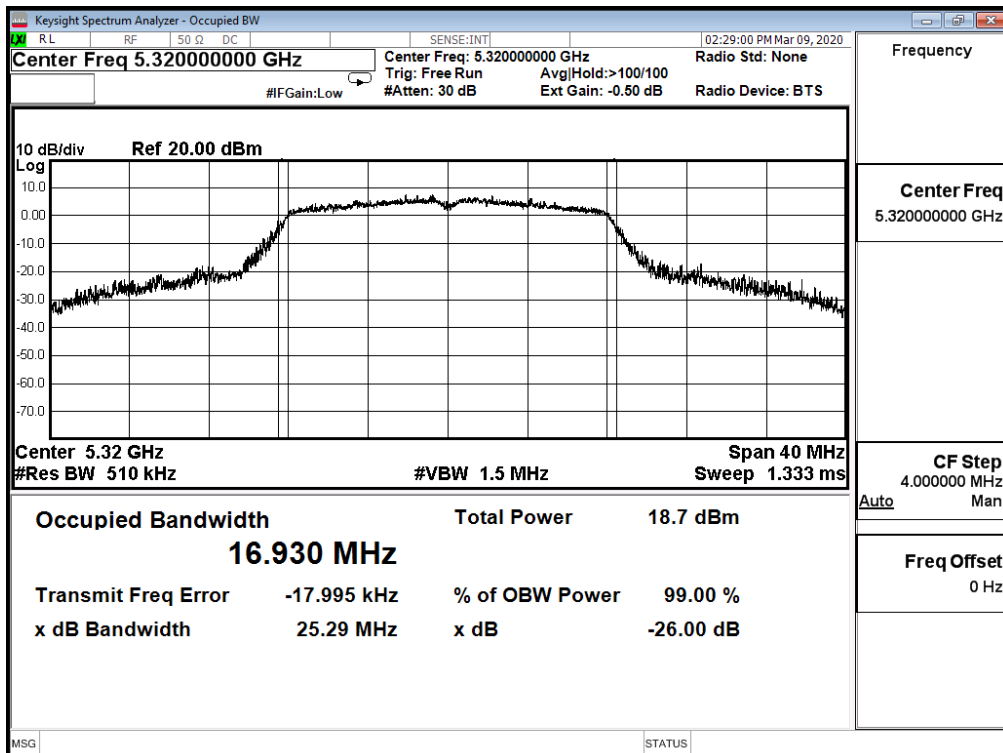
### Channel 52 (5260MHz)



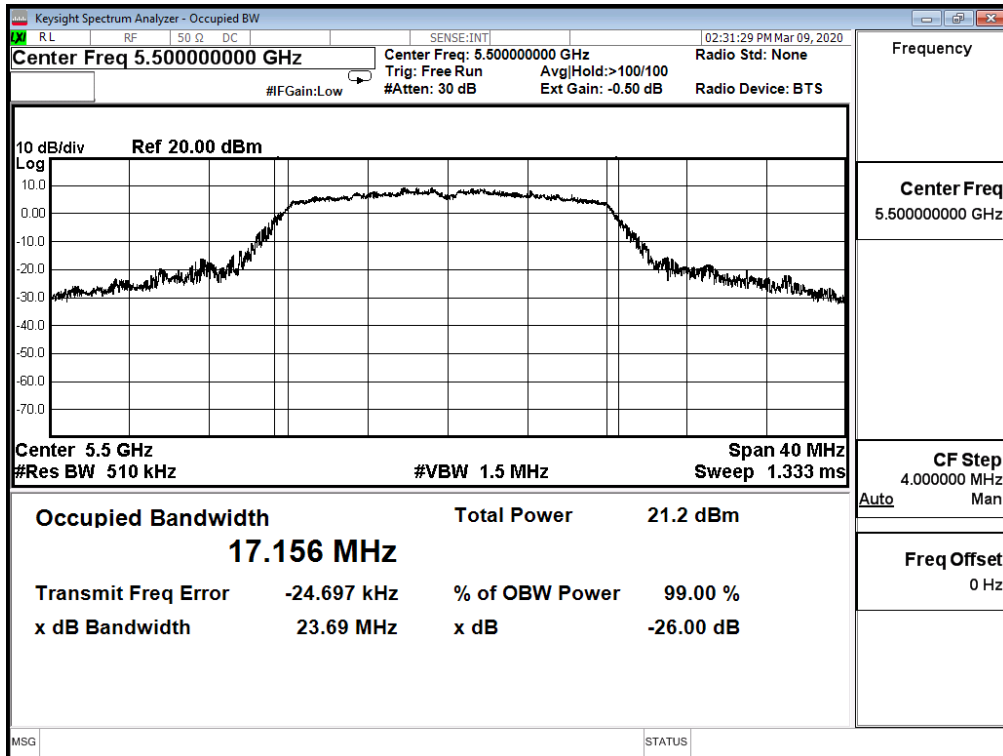
### Channel 60 (5300MHz)



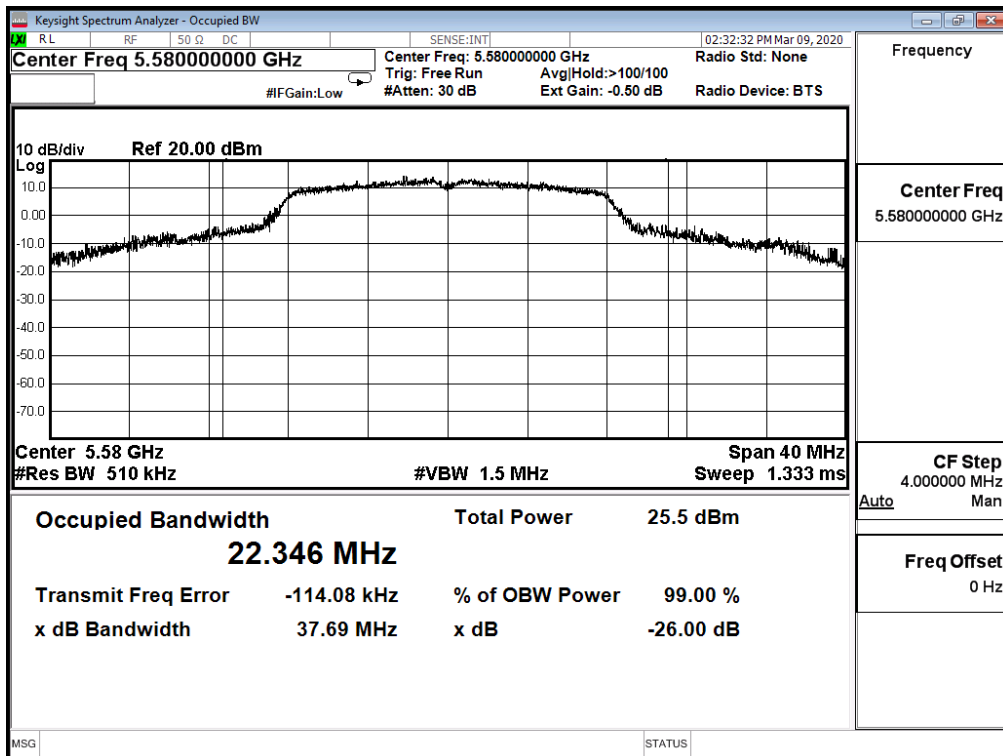
### Channel 64 (5320MHz)



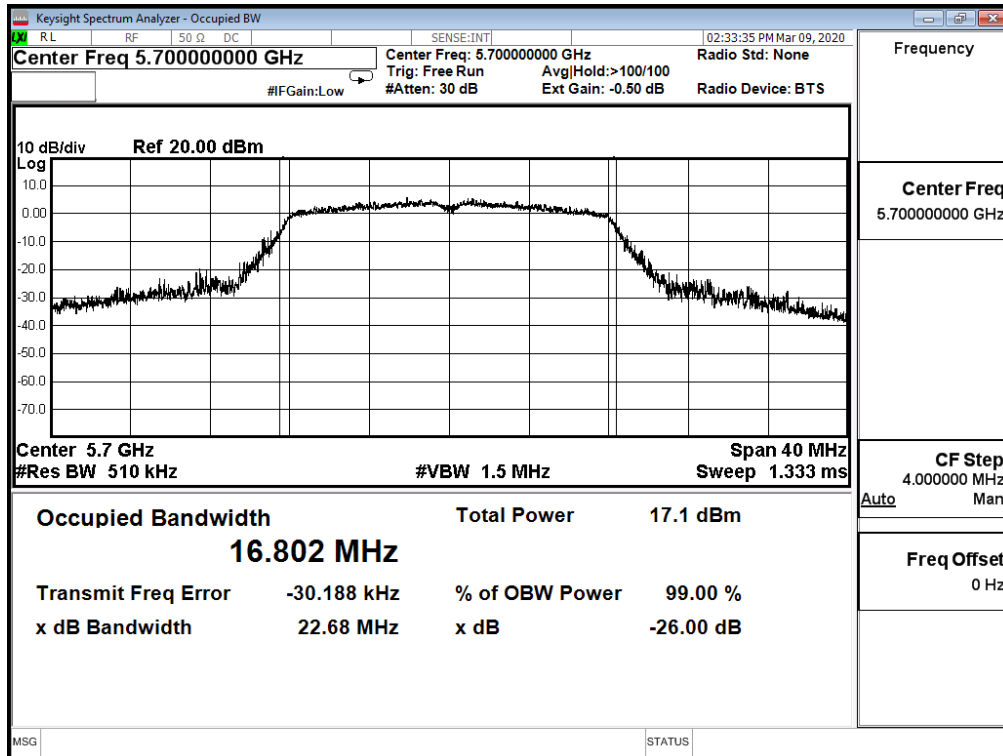
### Channel 100 (5500MHz)



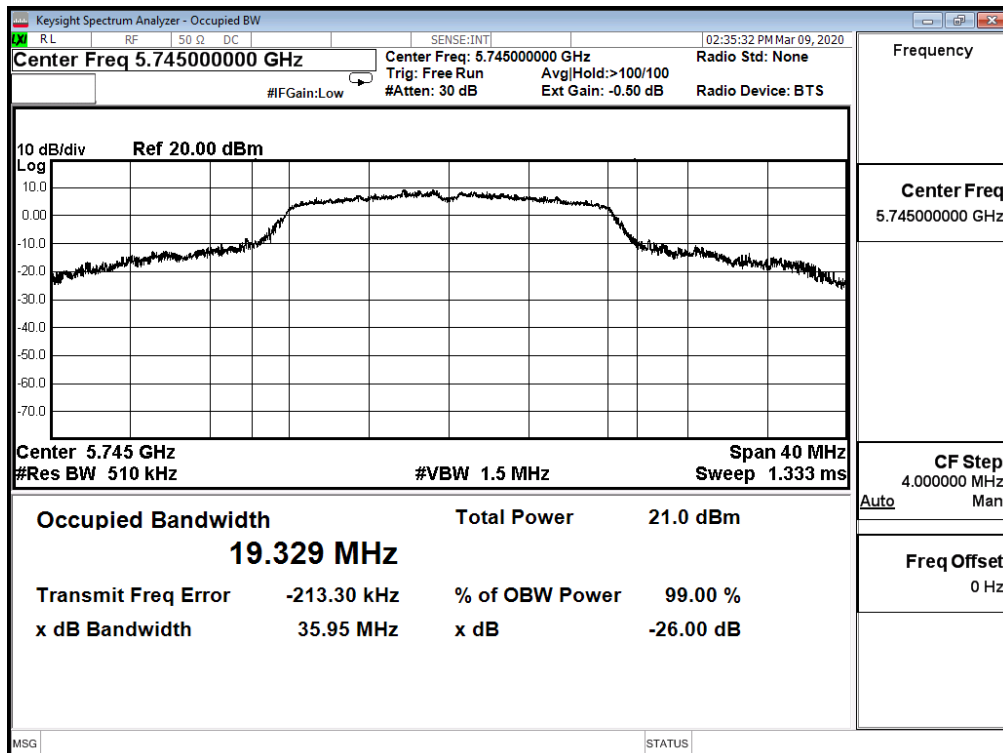
### Channel 116 (5580MHz)



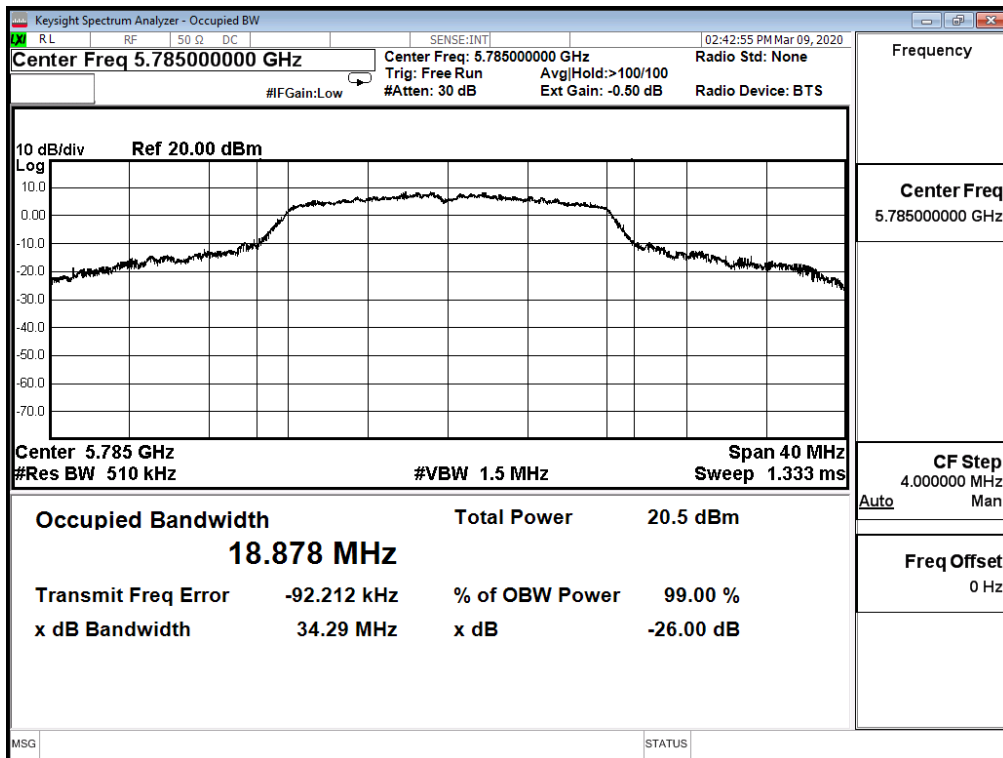
### Channel 140 (5700MHz)



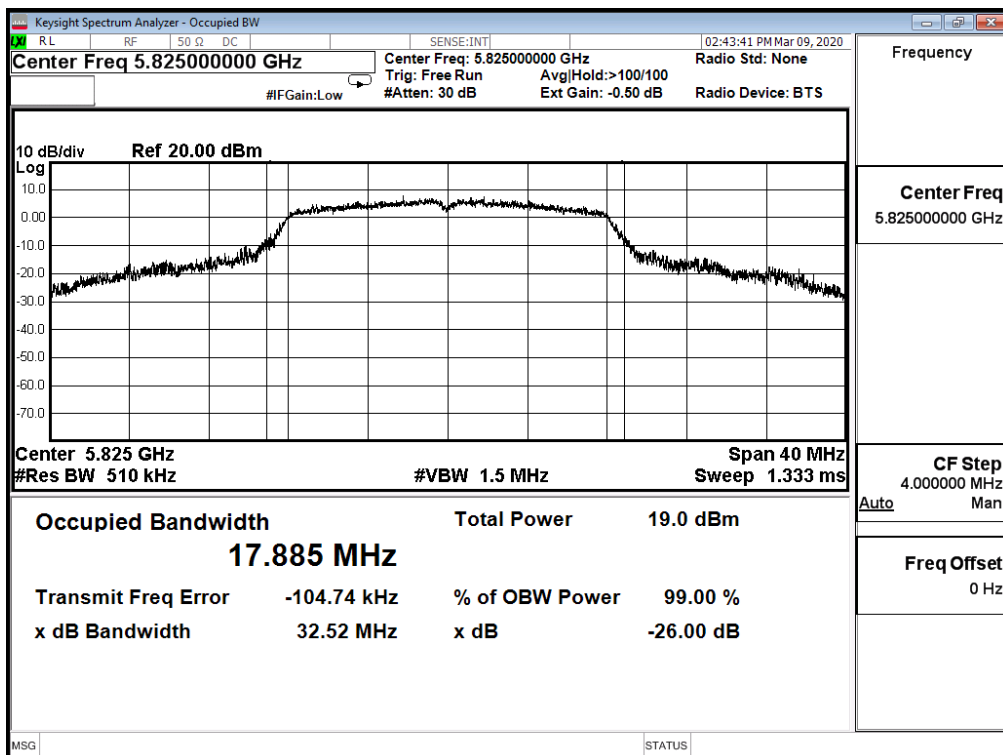
### Channel 149 (5745MHz)



### Channel 157 (5785MHz)



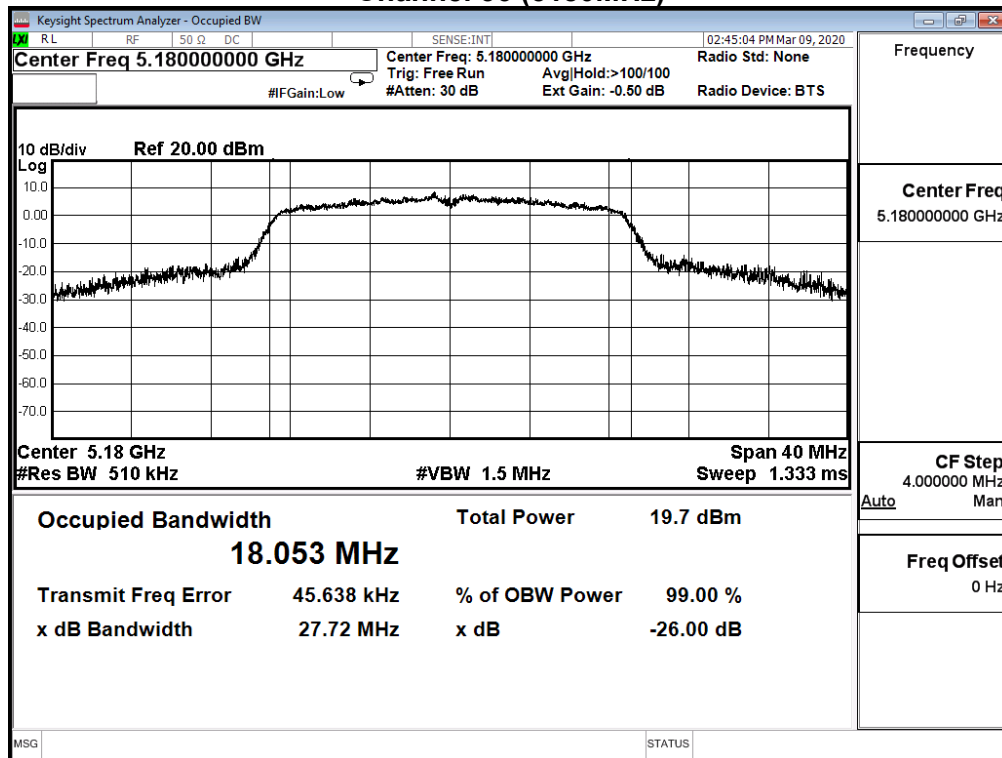
### Channel165 (5825MHz)



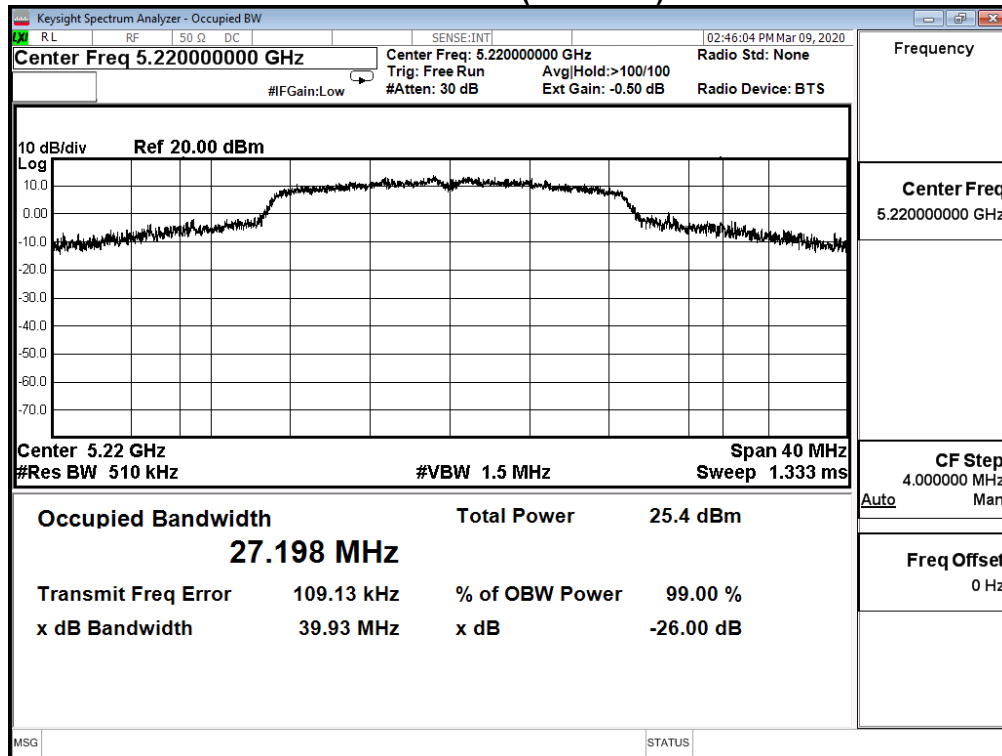
Product	Android Based UI		
Test Item	26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

IEEE 802.11ac_20M(ANT 0)					
Channel No.	Frequency (MHz)	Measure Value		Limit (MHz)	Result
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)		
36	5180	18.053	27.720	--	Pass
44	5220	27.198	39.930	--	Pass
48	5240	27.083	39.930	--	Pass
52	5260	26.495	39.990	--	Pass
60	5300	25.460	39.960	--	Pass
64	5320	17.863	22.990	--	Pass
100	5500	17.910	22.680	--	Pass
116	5580	22.887	39.770	--	Pass
140	5700	17.810	20.600	--	Pass
149	5745	19.875	N/A	--	Pass
157	5785	19.152		--	Pass
165	5825	18.774		--	Pass

### Channel 36 (5180MHz)

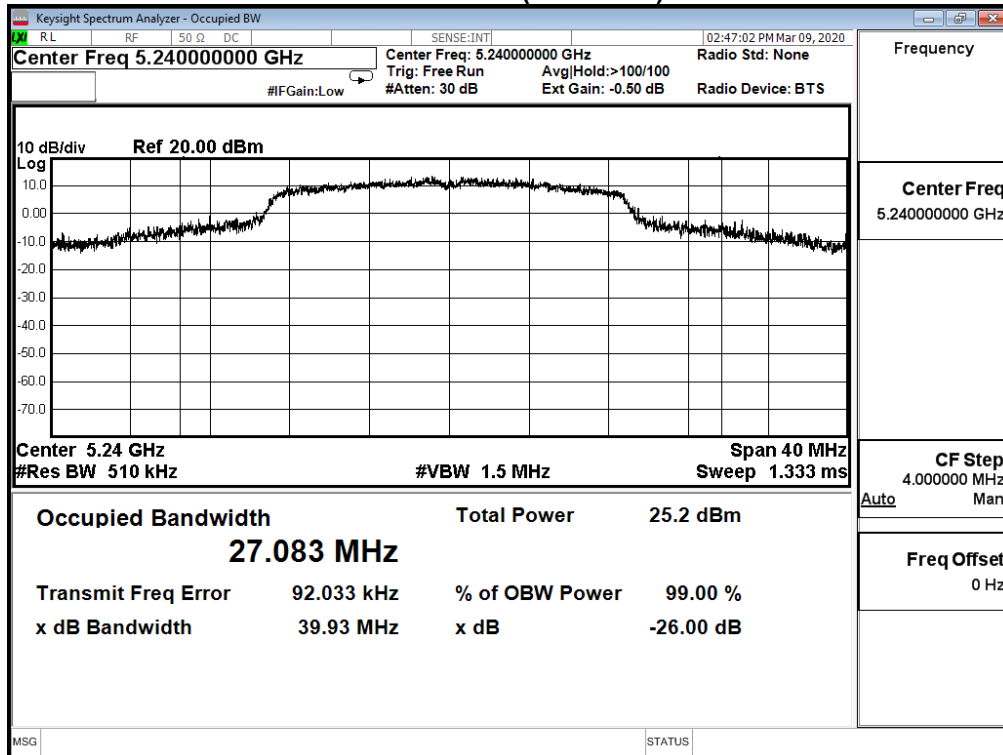


### Channel 44 (5220MHz)

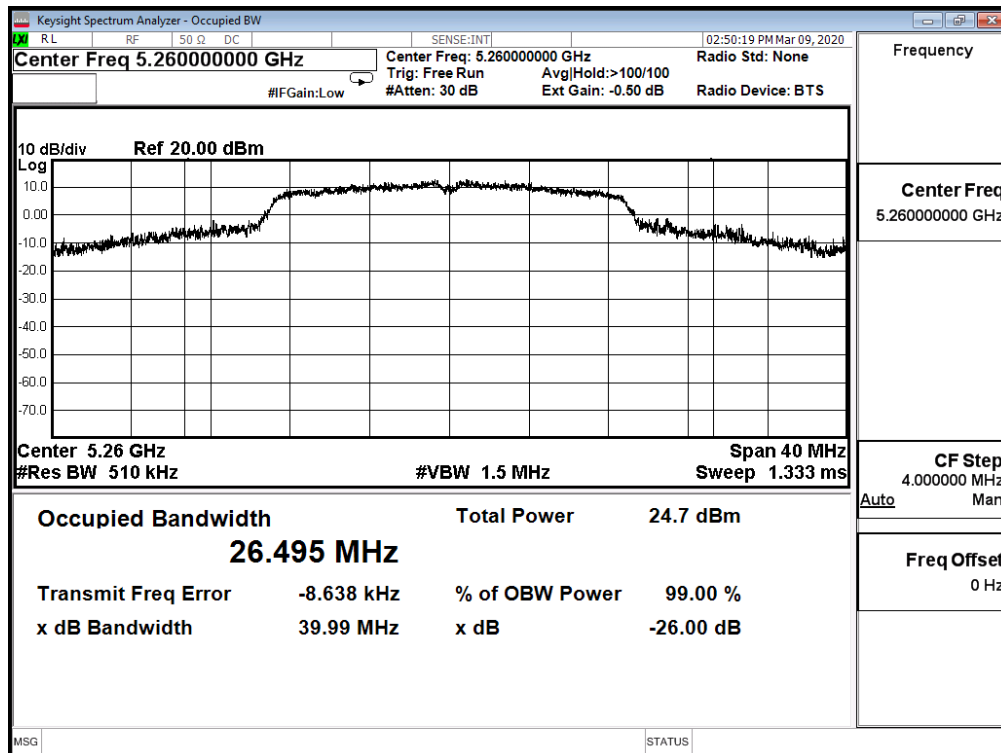




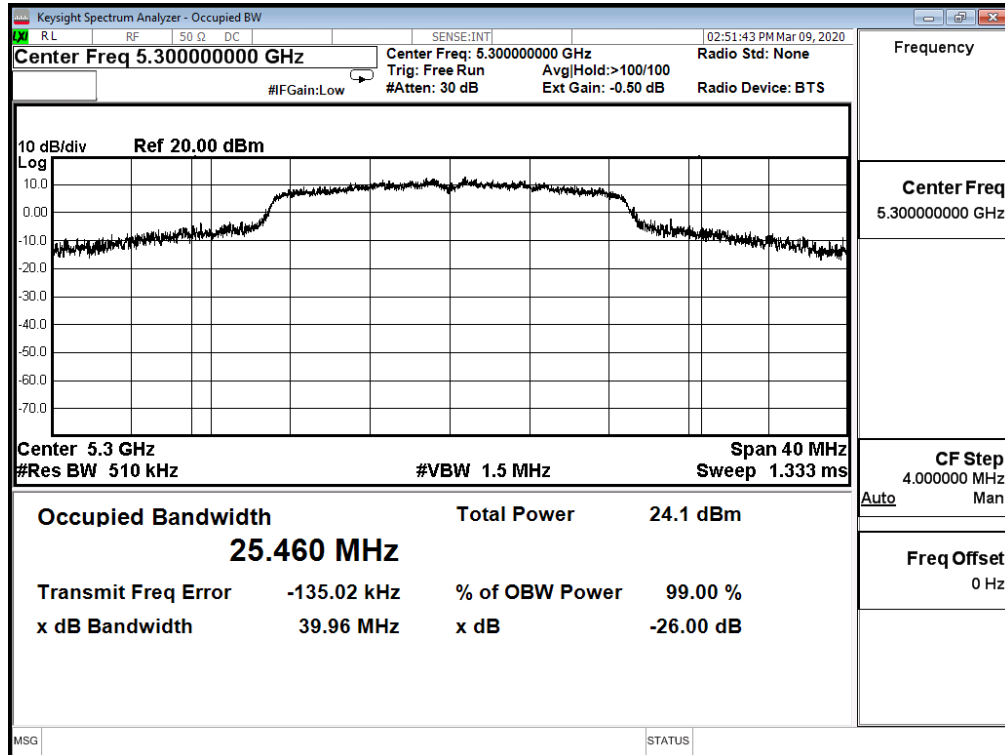
### Channel 48 (5240MHz)



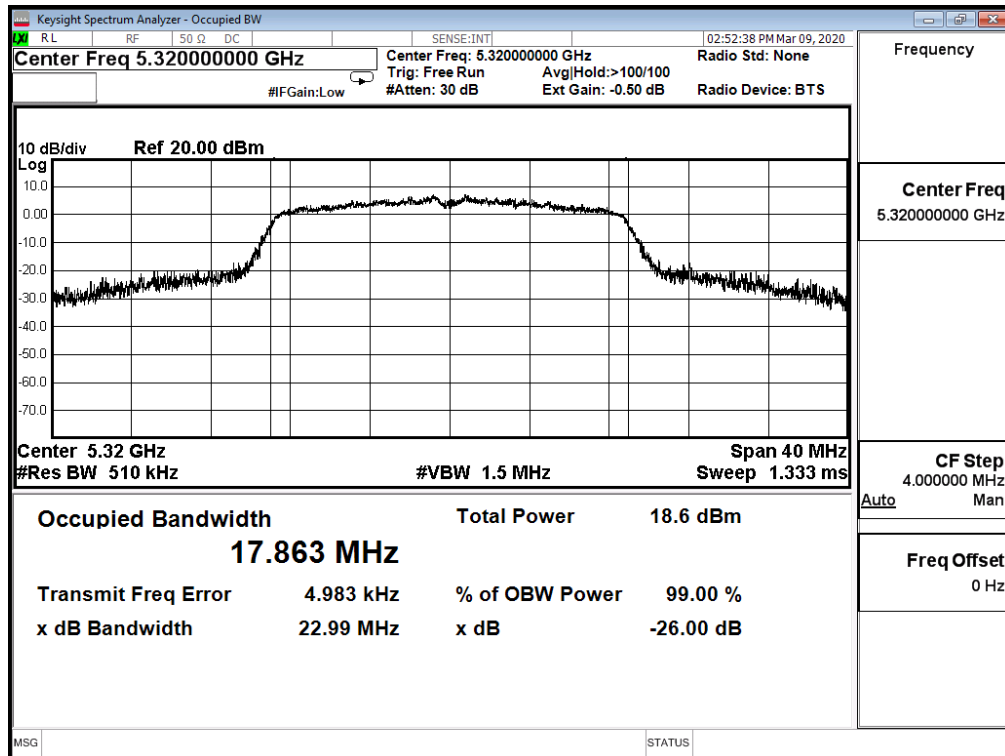
### Channel 52 (5260MHz)



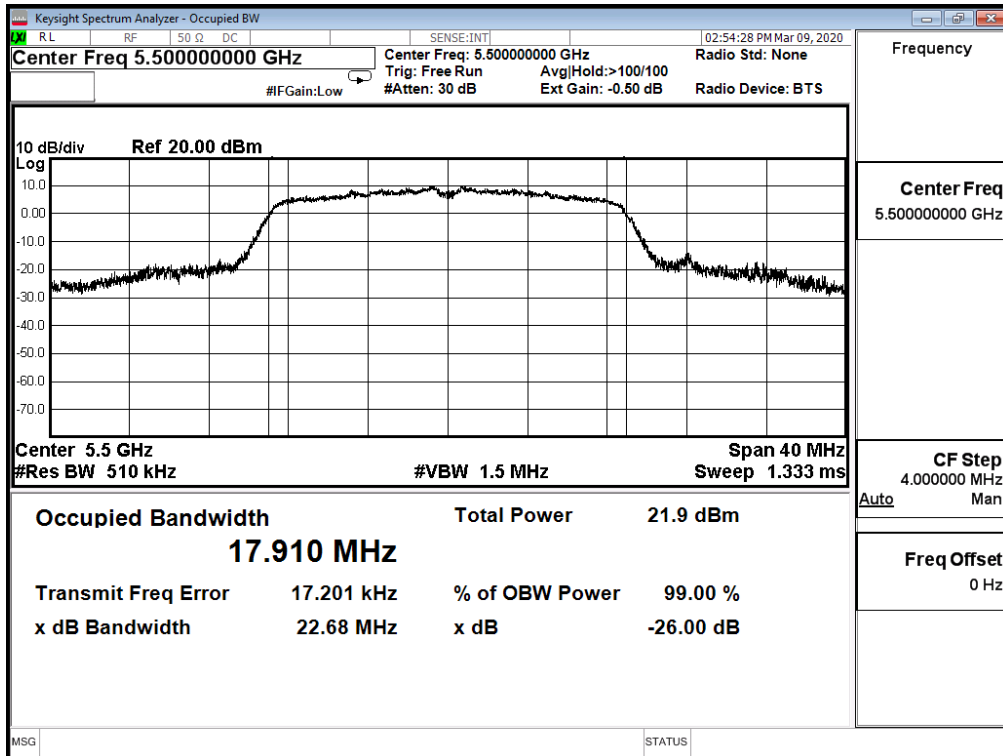
### Channel 60 (5300MHz)



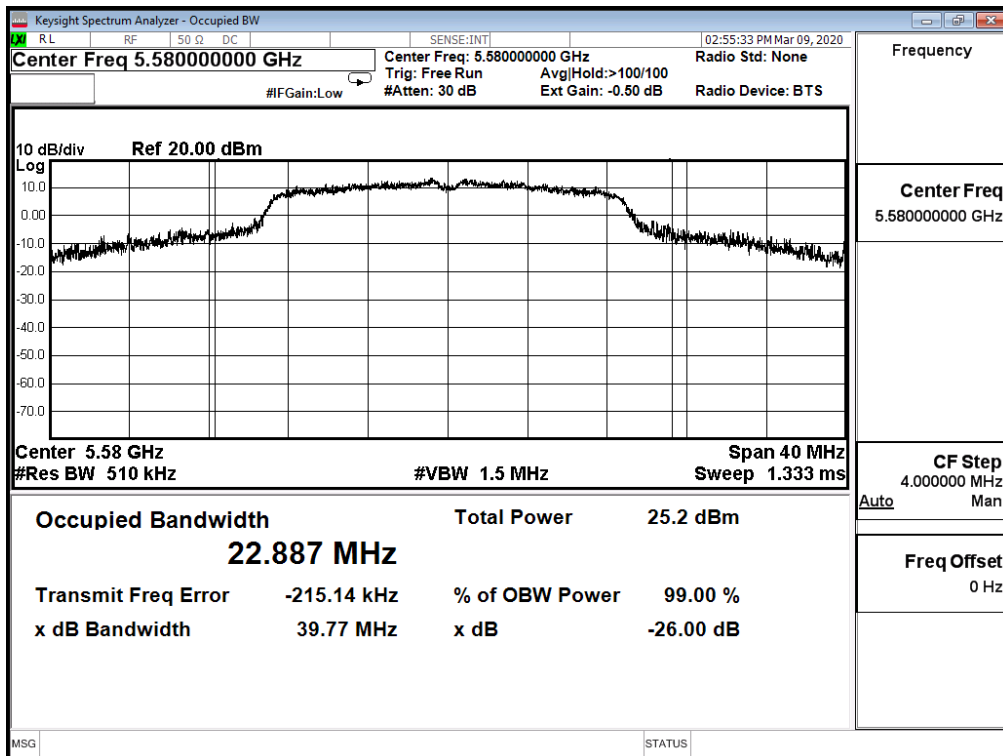
### Channel 64 (5320MHz)



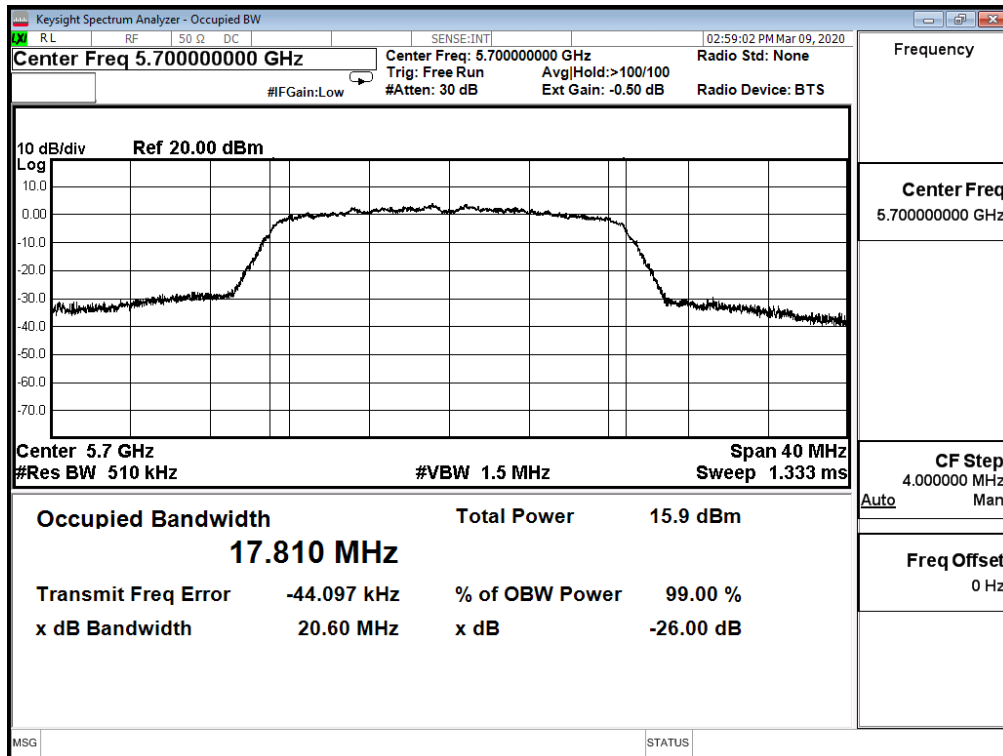
### Channel 100 (5500MHz)



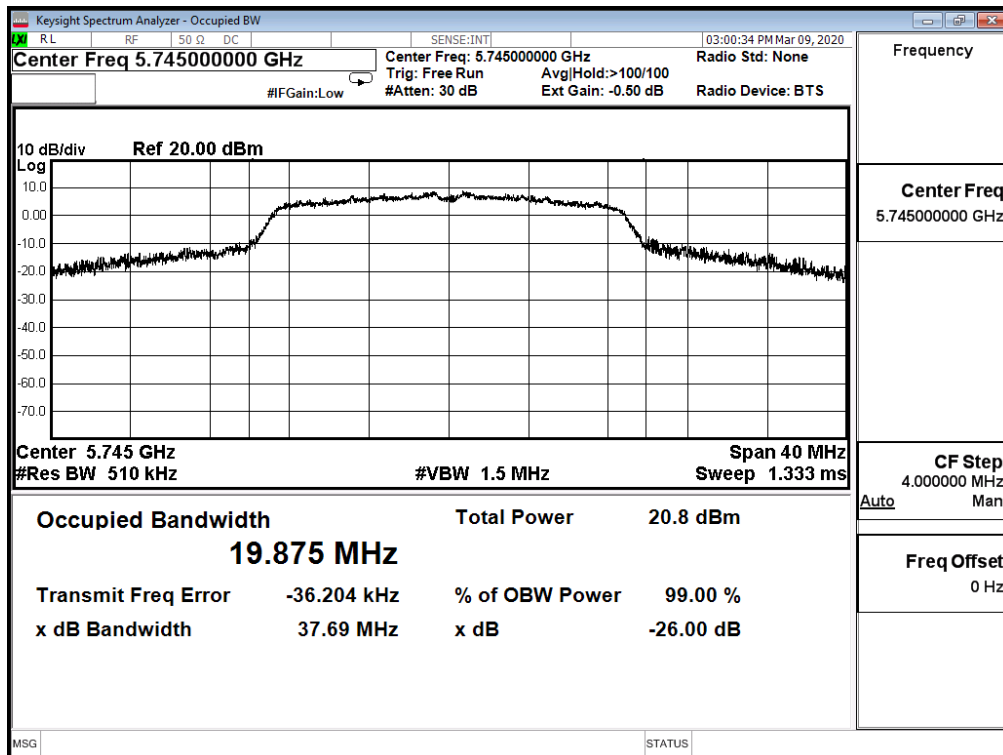
### Channel 116 (5580MHz)



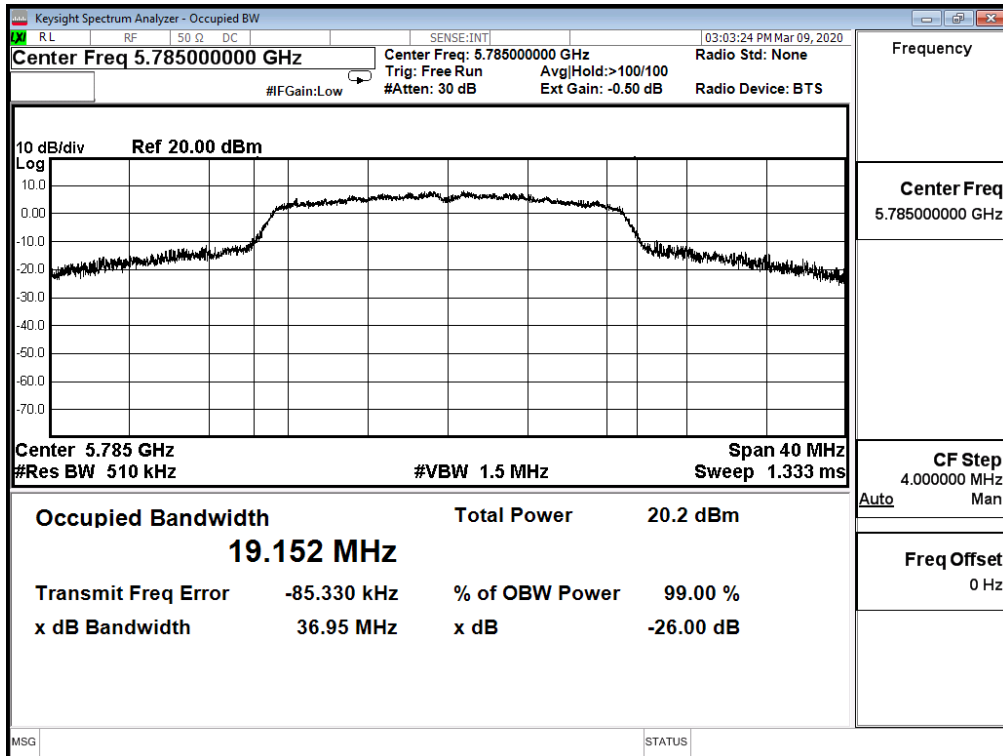
### Channel 140 (5700MHz)



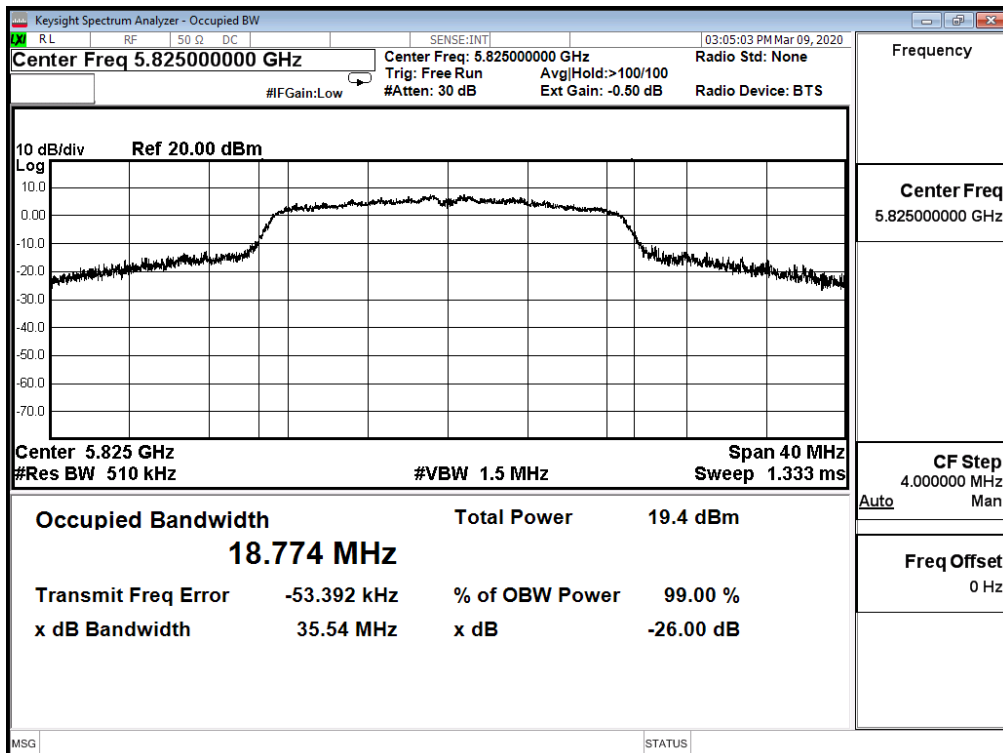
### Channel 149 (5745MHz)



### Channel 157 (5785MHz)



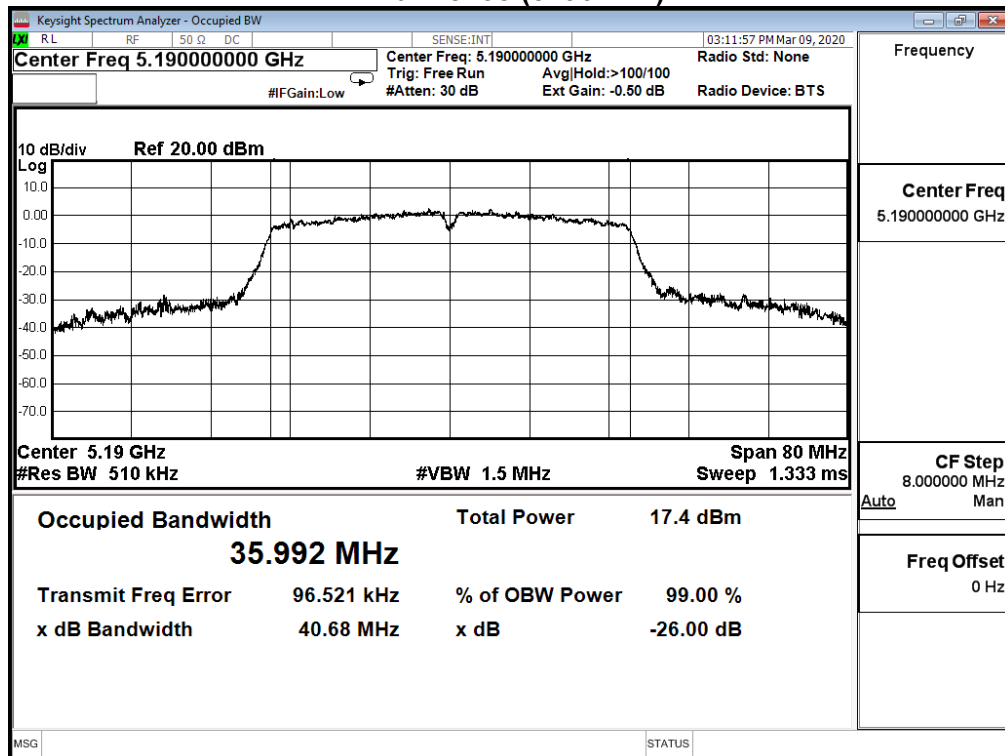
### Channel165 (5825MHz)



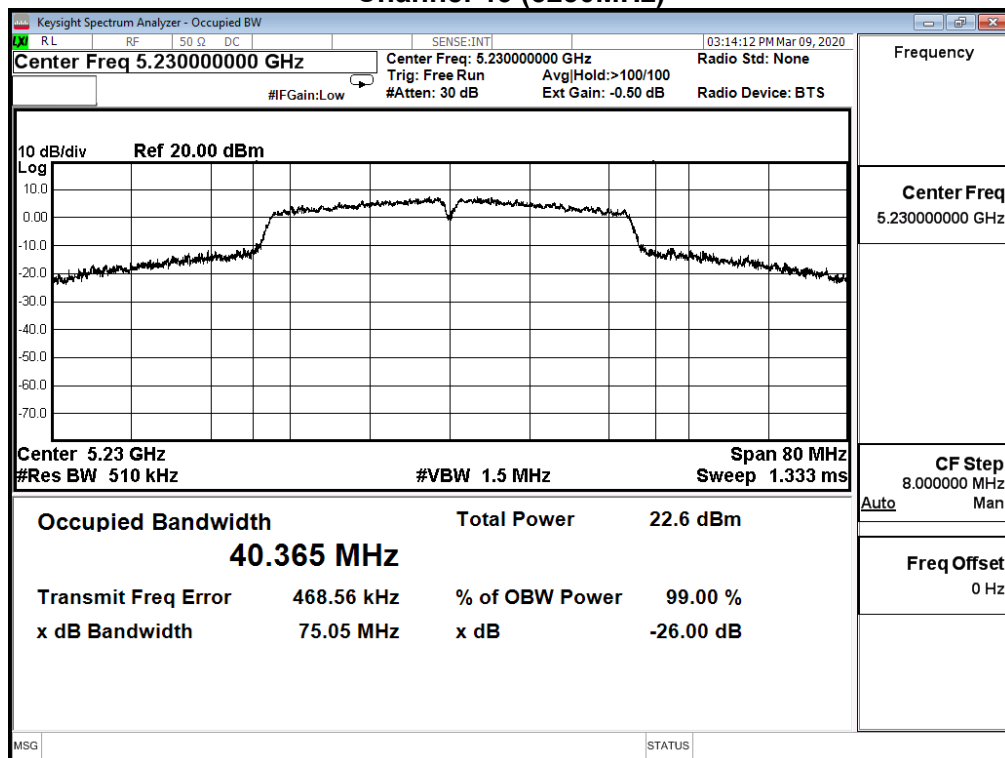
Product	Android Based UI		
Test Item	26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

IEEE 802.11ac_40M(ANT 0)					
Channel No.	Frequency (MHz)	Measure Value		Limit (MHz)	Result
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)		
38	5190	35.992	40.680	--	Pass
46	5230	40.365	75.050	--	Pass
54	5270	36.310	54.280	--	Pass
62	5310	35.944	40.770	--	Pass
102	5510	36.000	40.510	--	Pass
110	5550	36.400	57.370	--	Pass
134	5670	36.044	40.840	--	Pass
151	5755	39.818	N/A	--	Pass
159	5795	37.216		--	Pass

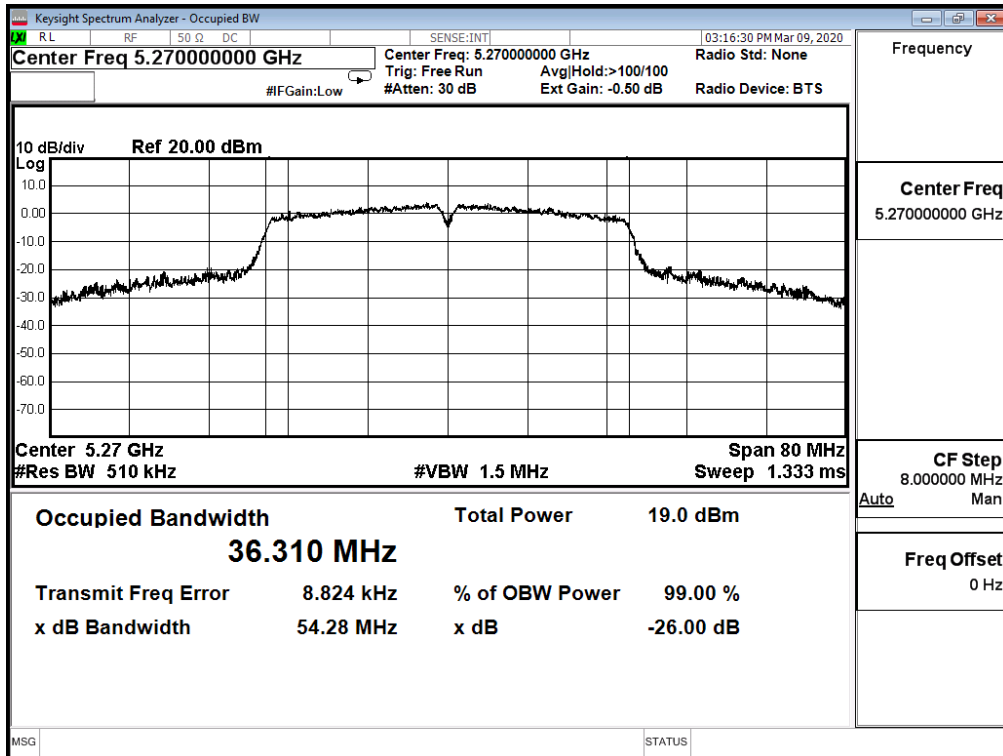
### Channel 38 (5190MHz)



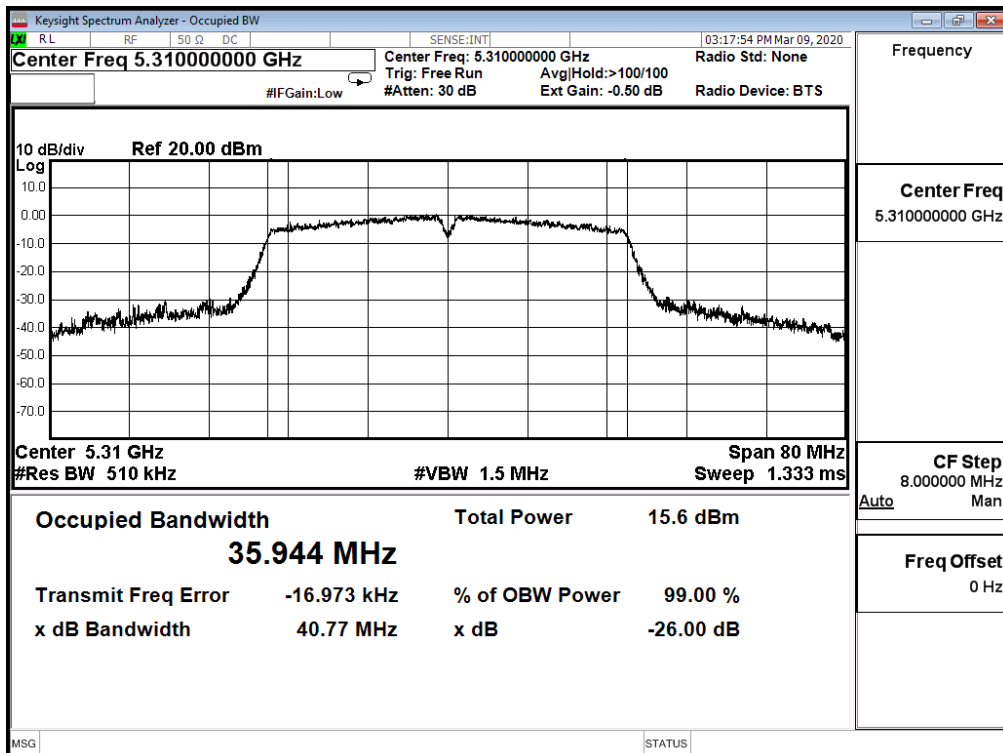
### Channel 46 (5230MHz)



### Channel 54 (5270MHz)

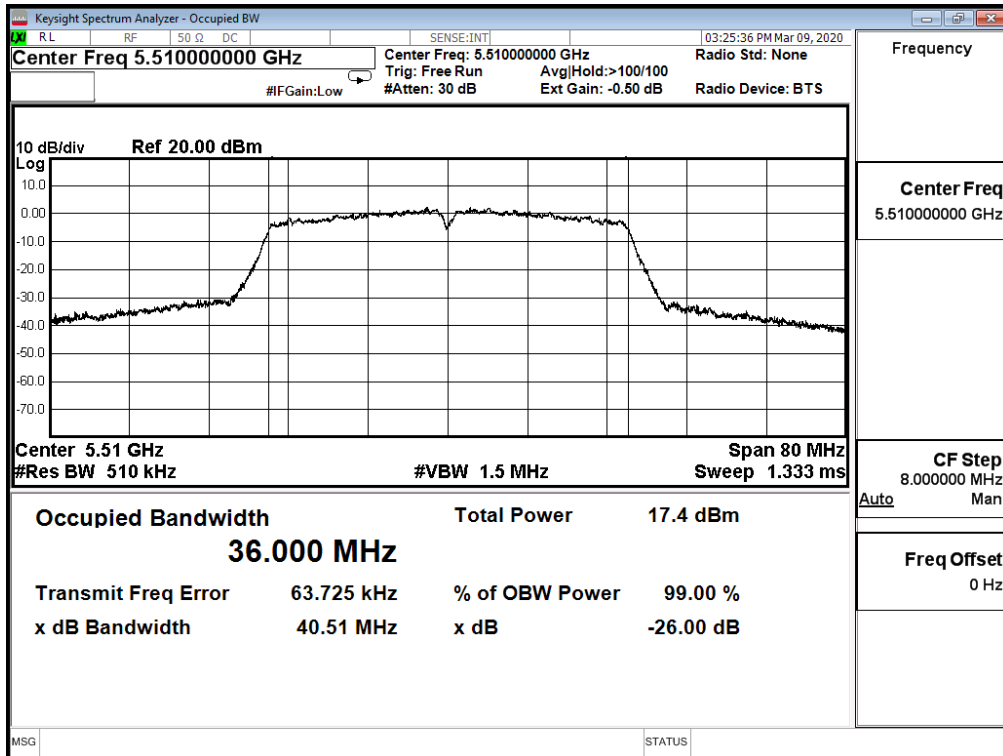


### Channel 62 (5310MHz)

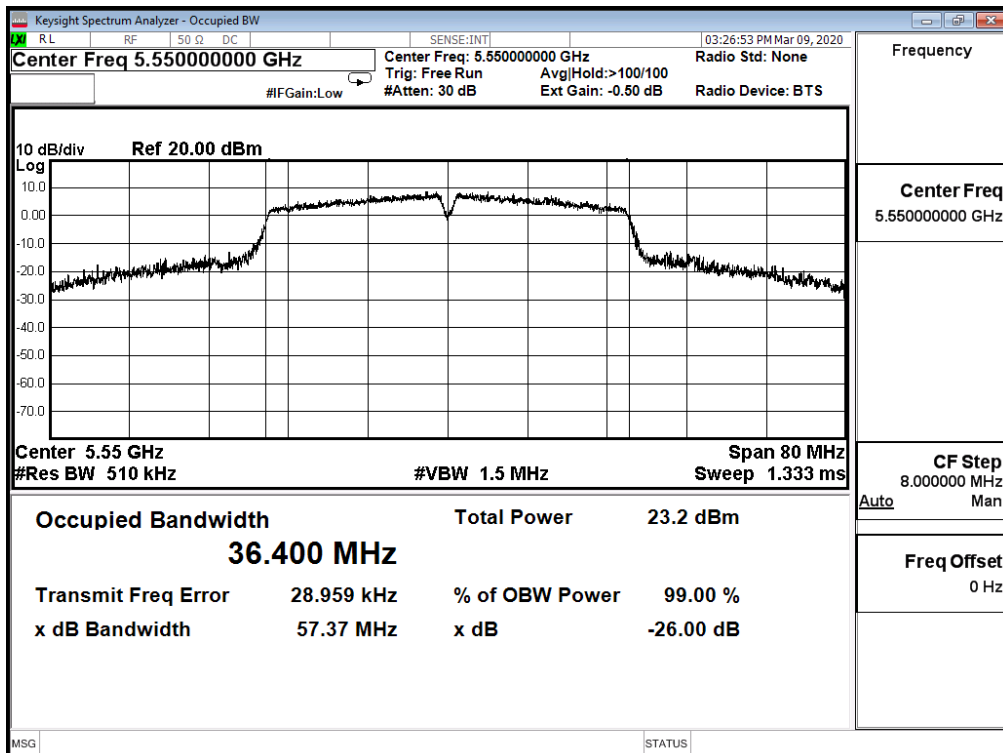




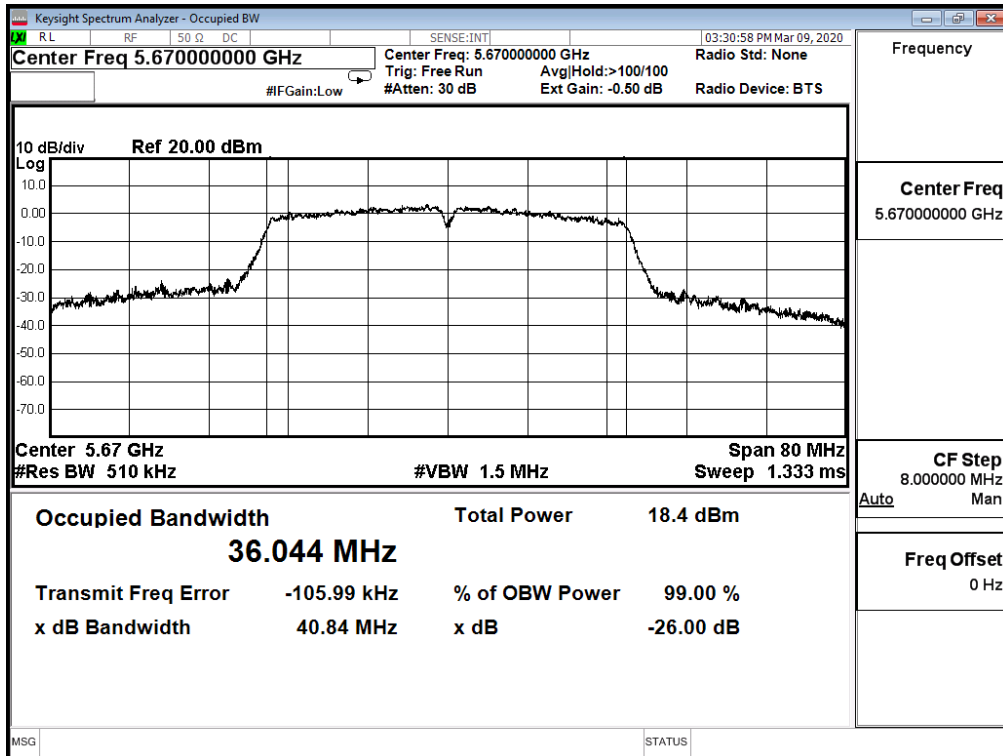
### Channel 102 (5510MHz)



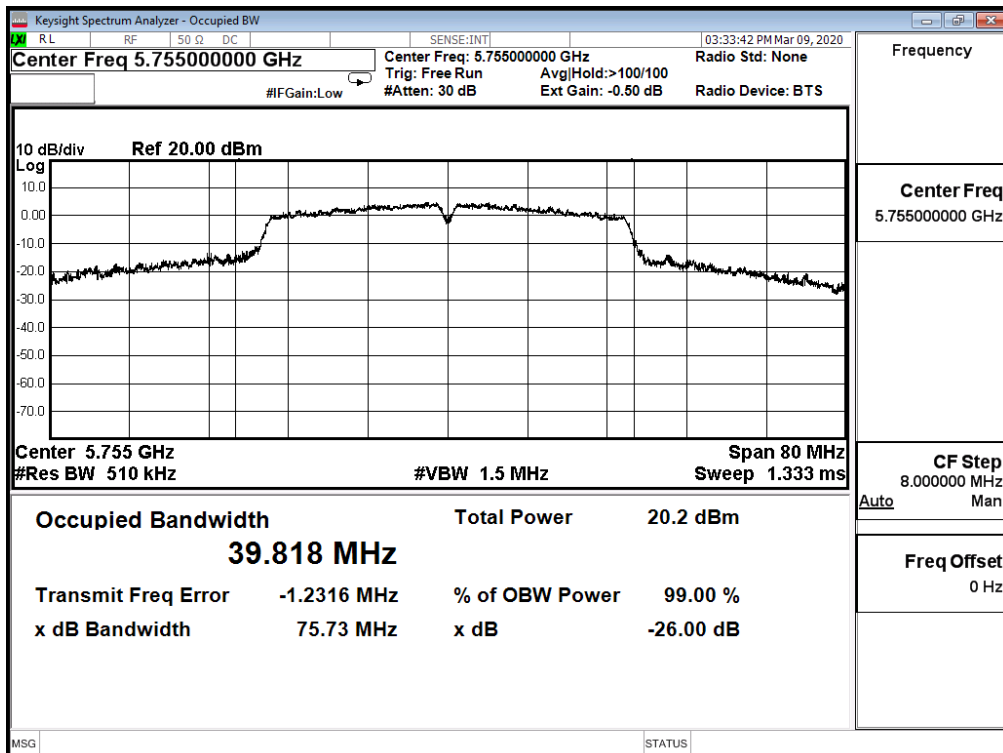
### Channel 110 (5550MHz)



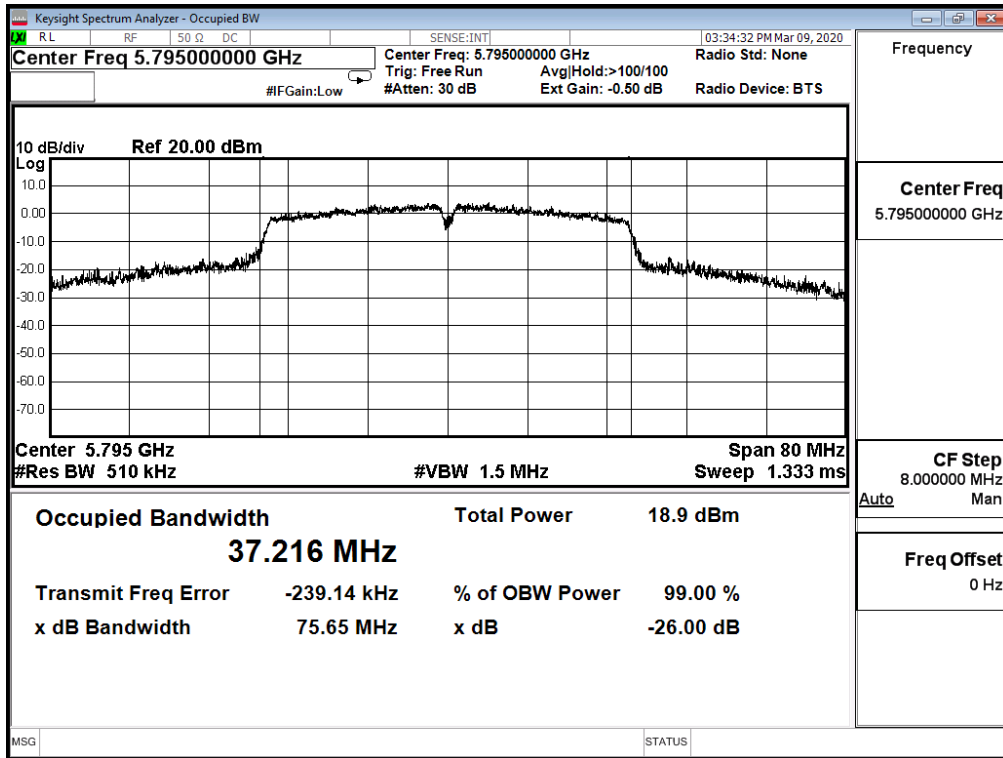
### Channel 134 (5670MHz)



### Channel 151 (5755MHz)



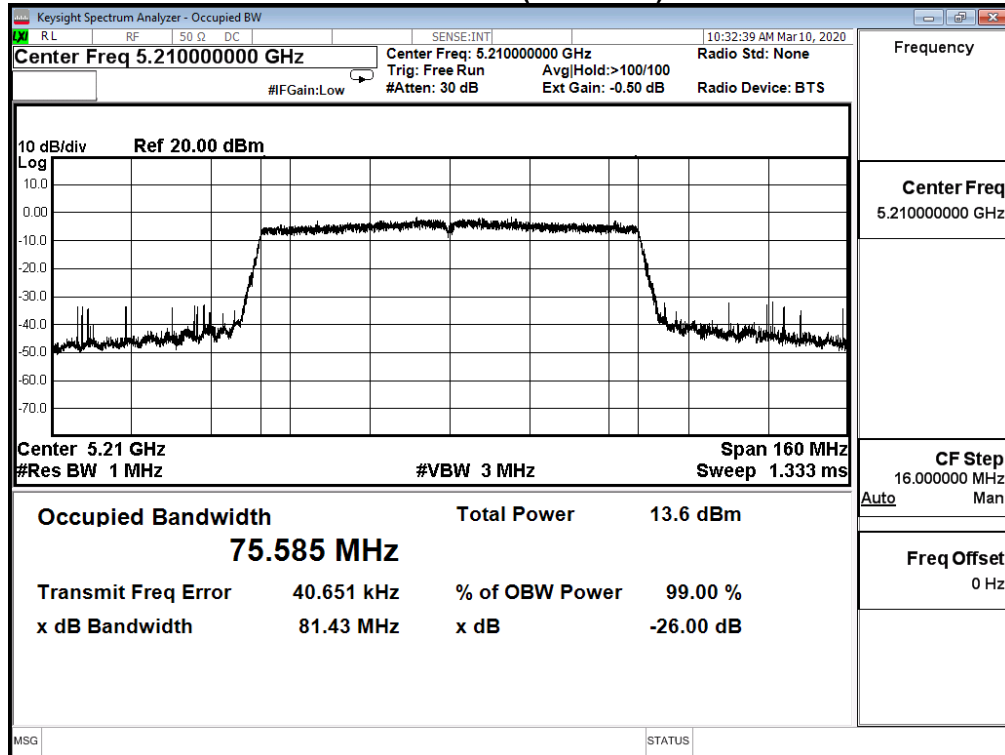
### Channel 159 (5795MHz)



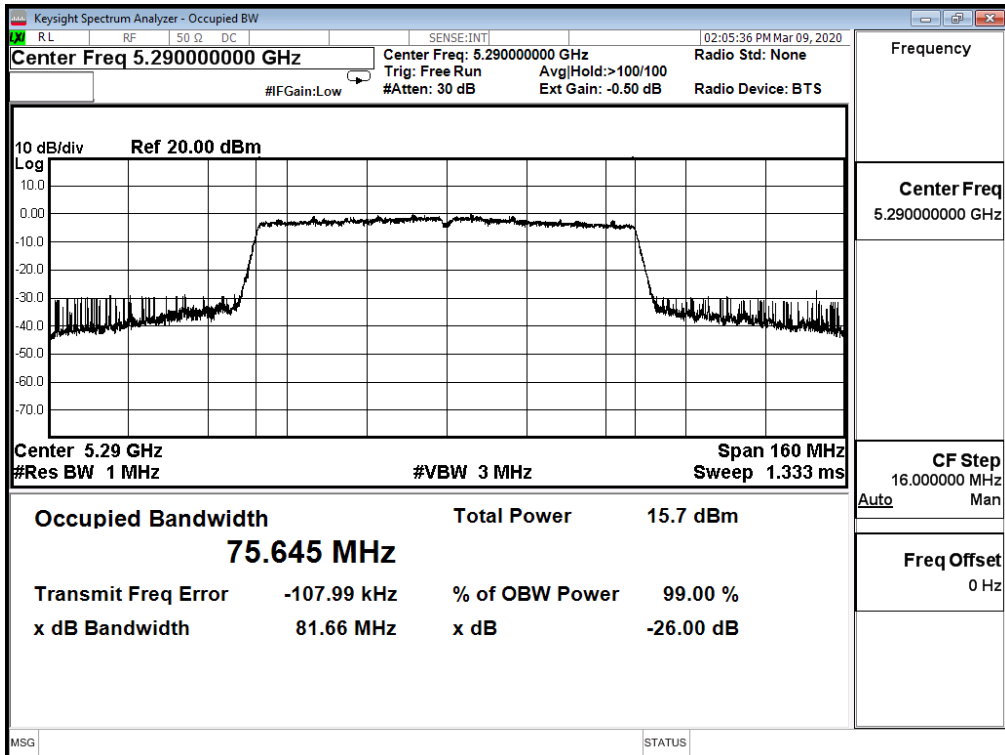
Product	Android Based UI		
Test Item	26dB Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09~2020/03/10	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

IEEE 802.11ac_80M(ANT 0)					
Channel No.	Frequency (MHz)	Measure Value		Limit (MHz)	Result
		99% Bandwidth (MHz)	26dB Bandwidth (MHz)		
42	5210	75.585	81.430	--	Pass
58	5290	75.645	81.660	--	Pass
106	5530	75.619	81.300	--	Pass
122	5610	75.560	81.590	--	Pass
155	5775	75.786	N/A	--	Pass

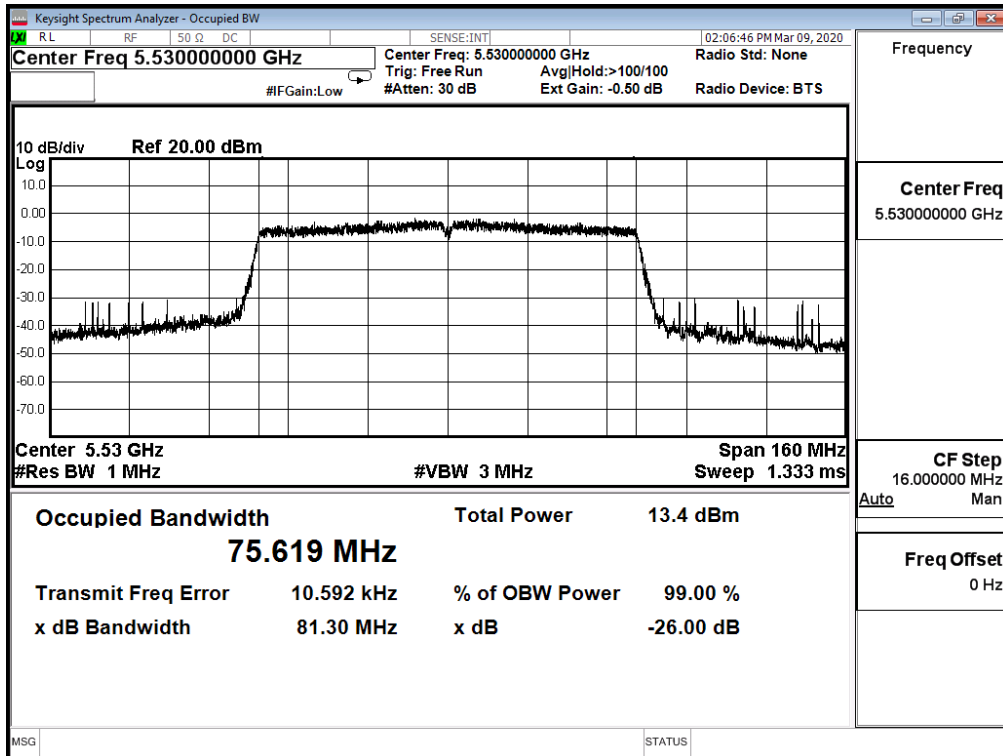
### Channel 42 (5210MHz)



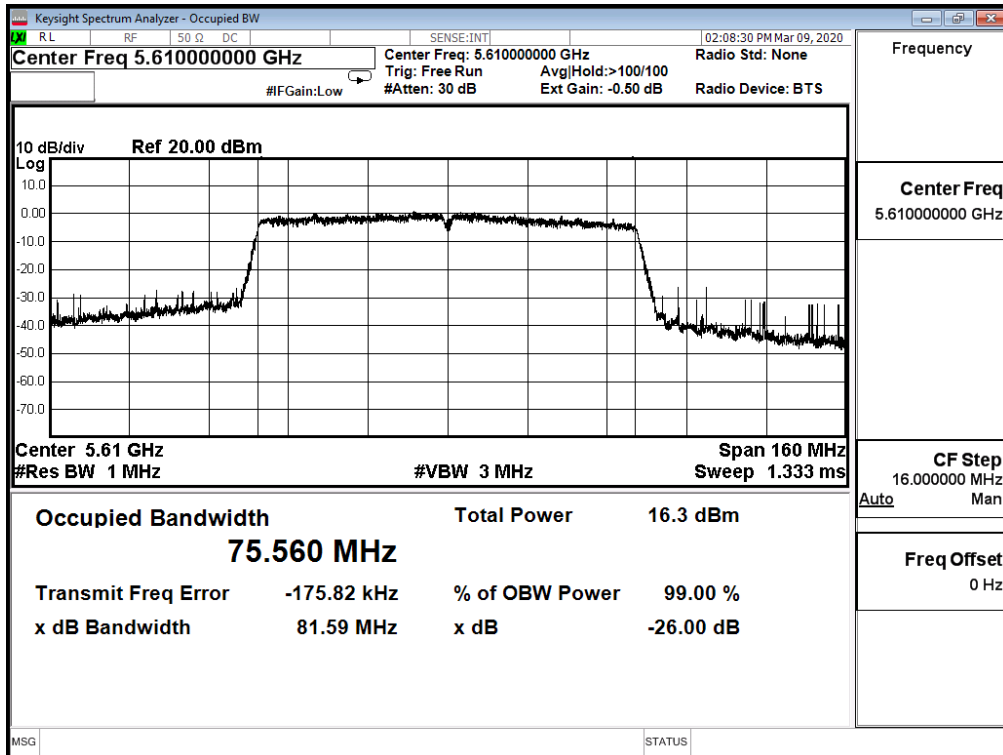
### Channel 58 (5290MHz)



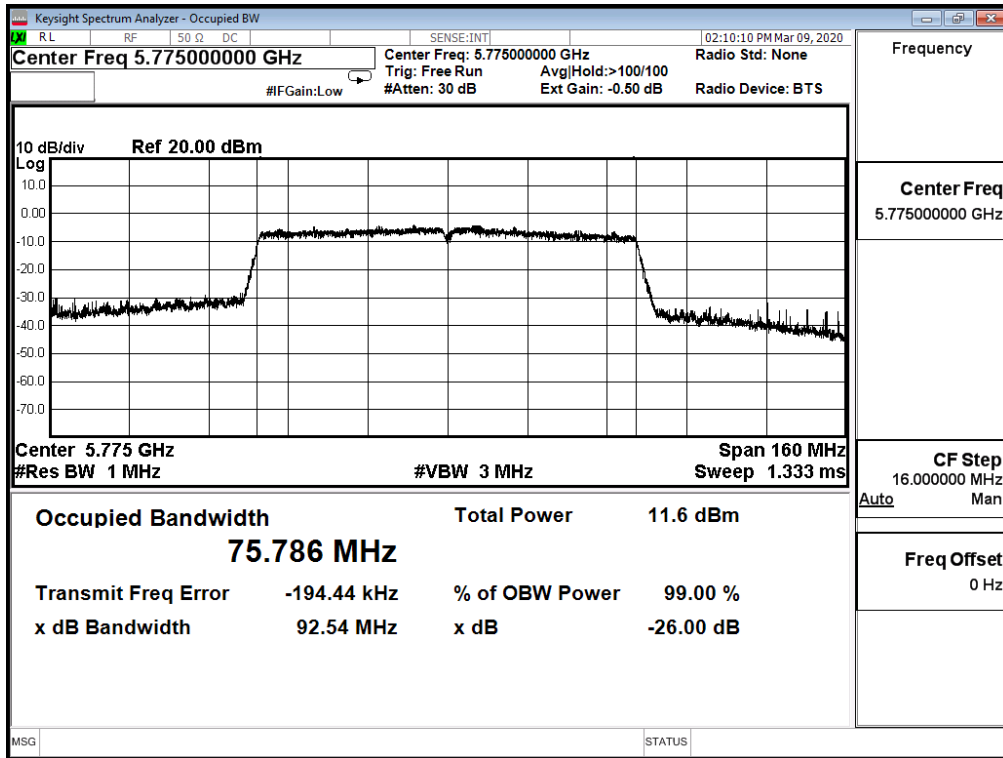
### Channel 106 (5530MHz)



### Channel 122 (5610MHz)



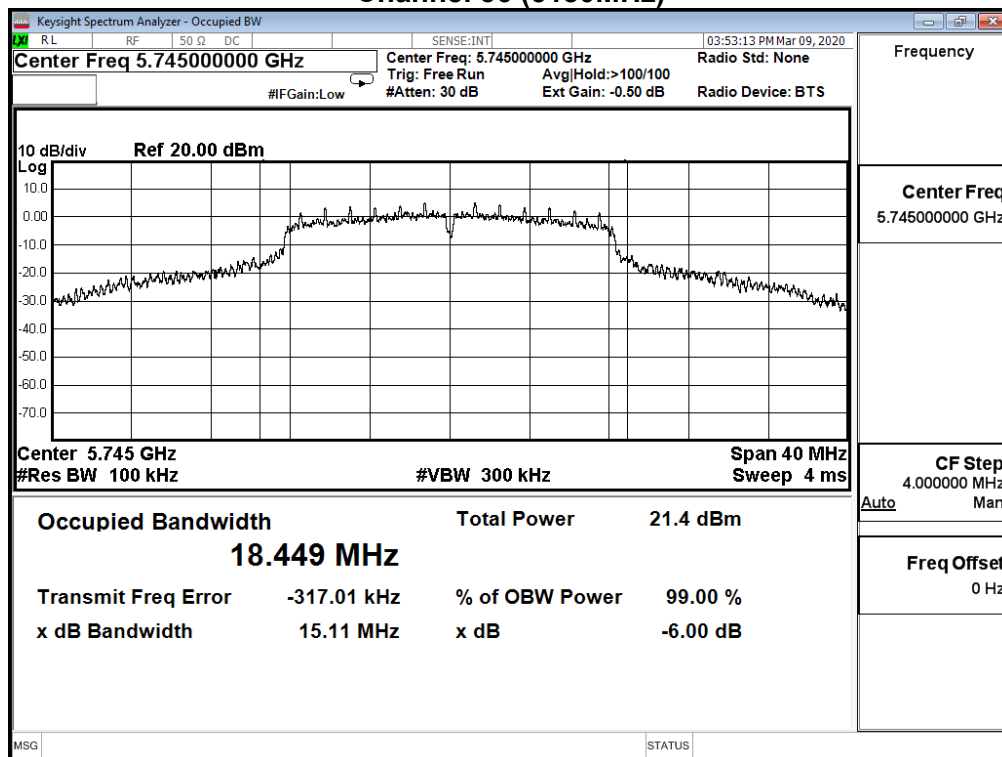
### Channel 155 (5775MHz)



Product	Android Based UI		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

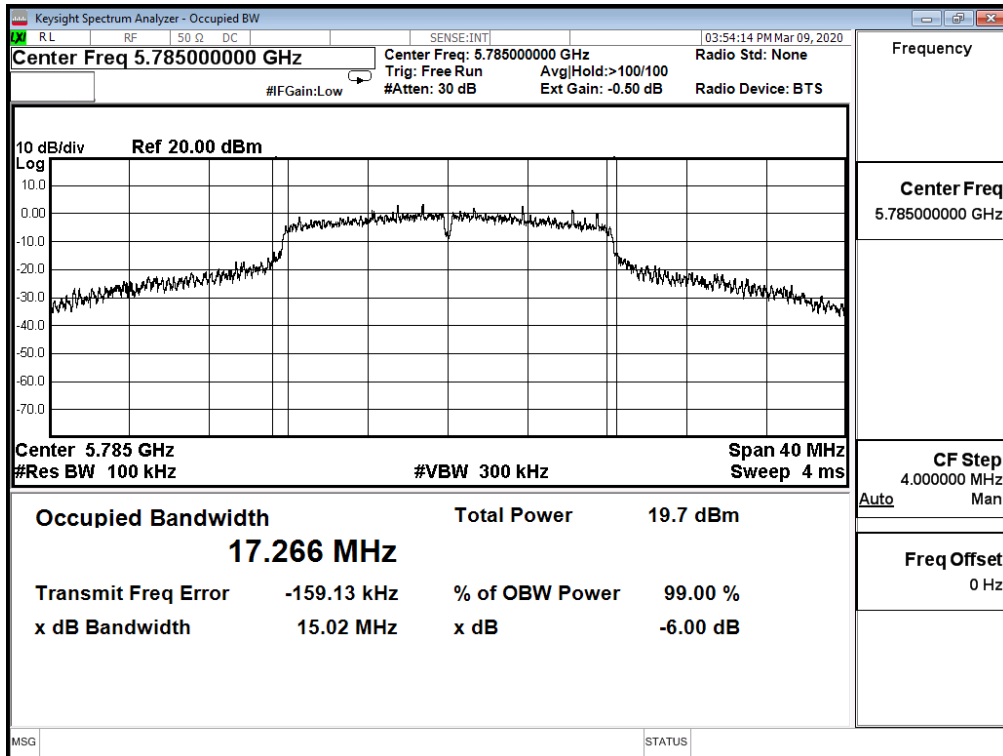
IEEE 802.11a (ANT 0)				
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)	Result
149	5745	15.110	>0.5	Pass
157	5785	15.020	>0.5	Pass
165	5825	15.030	>0.5	Pass

**Channel 36 (5180MHz)**

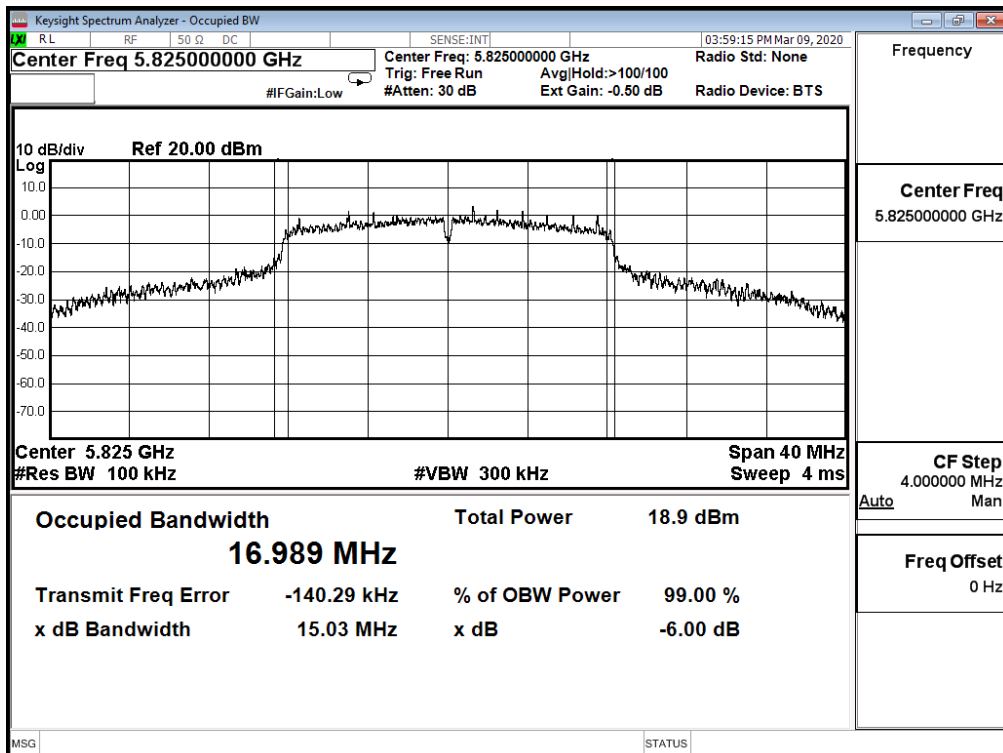




### Channel 157 (5785MHz)



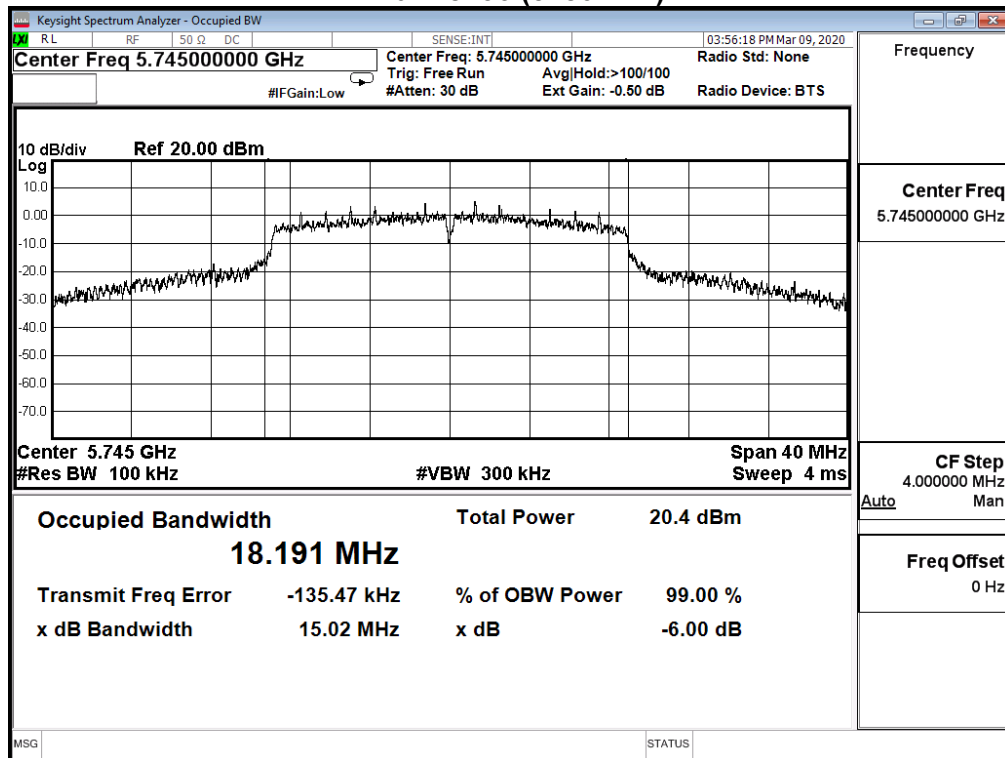
### Channel165 (5825MHz)



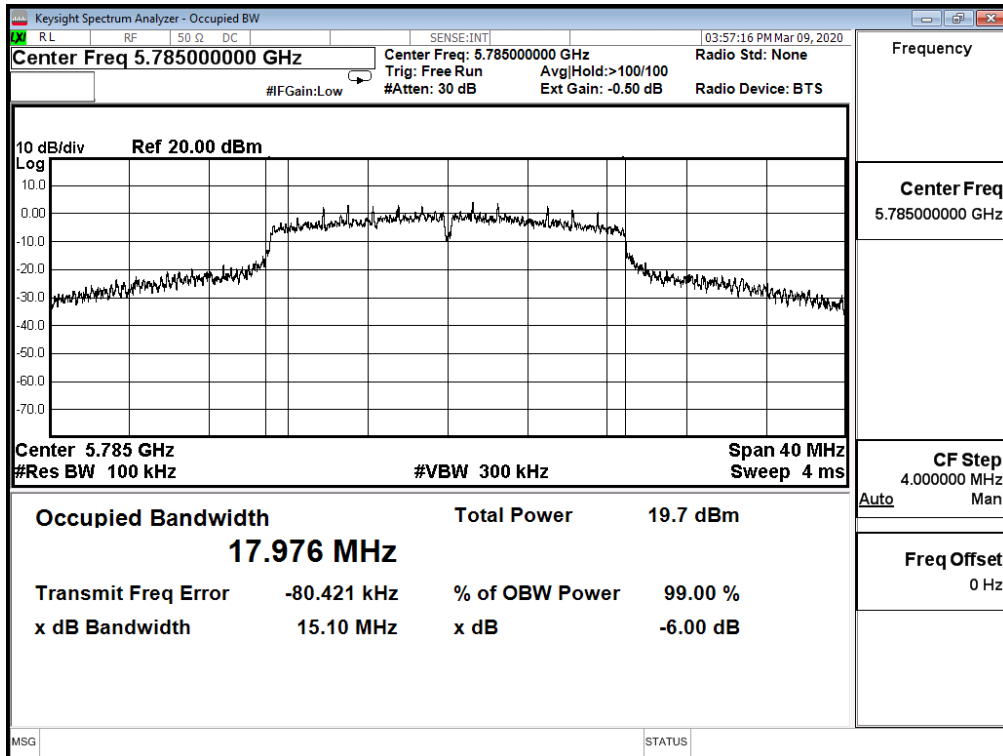
Product	Android Based UI		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

IEEE 802.11ac_20M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)	Result
149	5745	15.020	>0.5	Pass
157	5785	15.100	>0.5	Pass
165	5825	15.090	>0.5	Pass

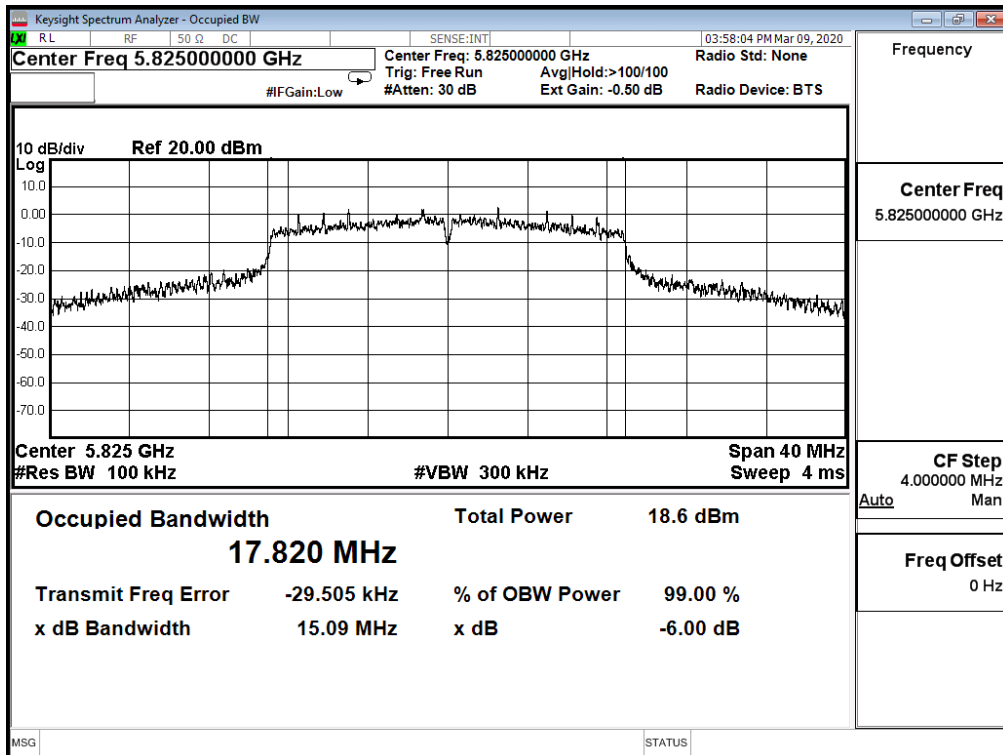
**Channel 36 (5180MHz)**



### Channel 157 (5785MHz)



### Channel 165 (5825MHz)

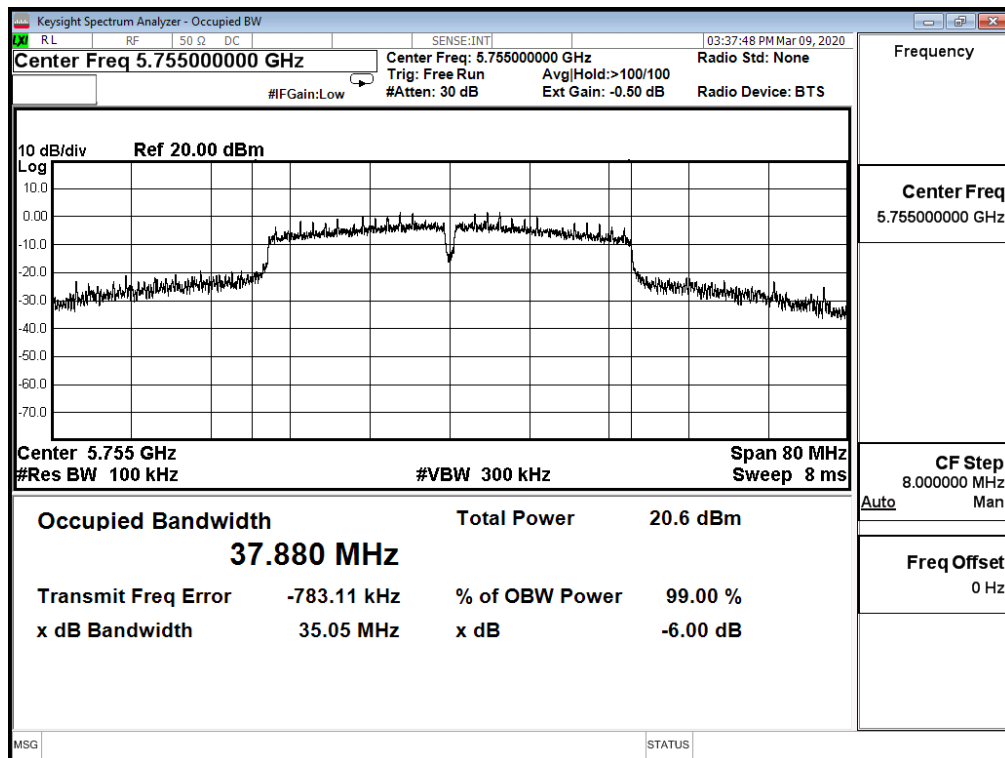


Product	Android Based UI		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

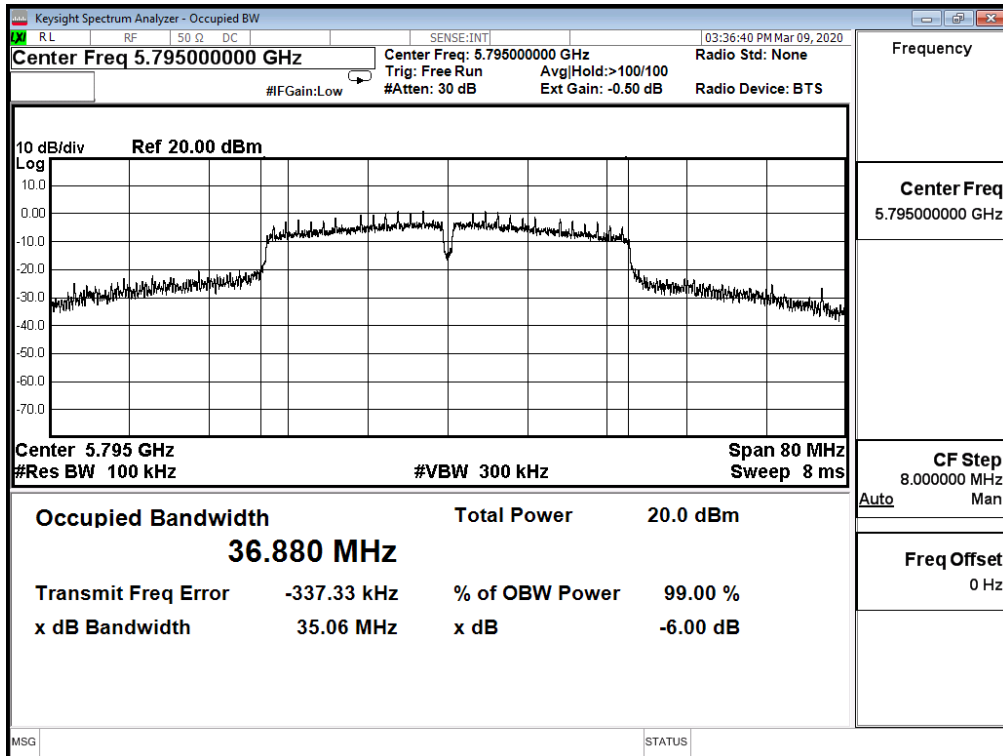
IEEE 802.11ac\_40M(ANT 0)

Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)	Result
151	5755	35.050	>0.5	Pass
159	5795	35.060	>0.5	Pass

Channel 151 (5755MHz)



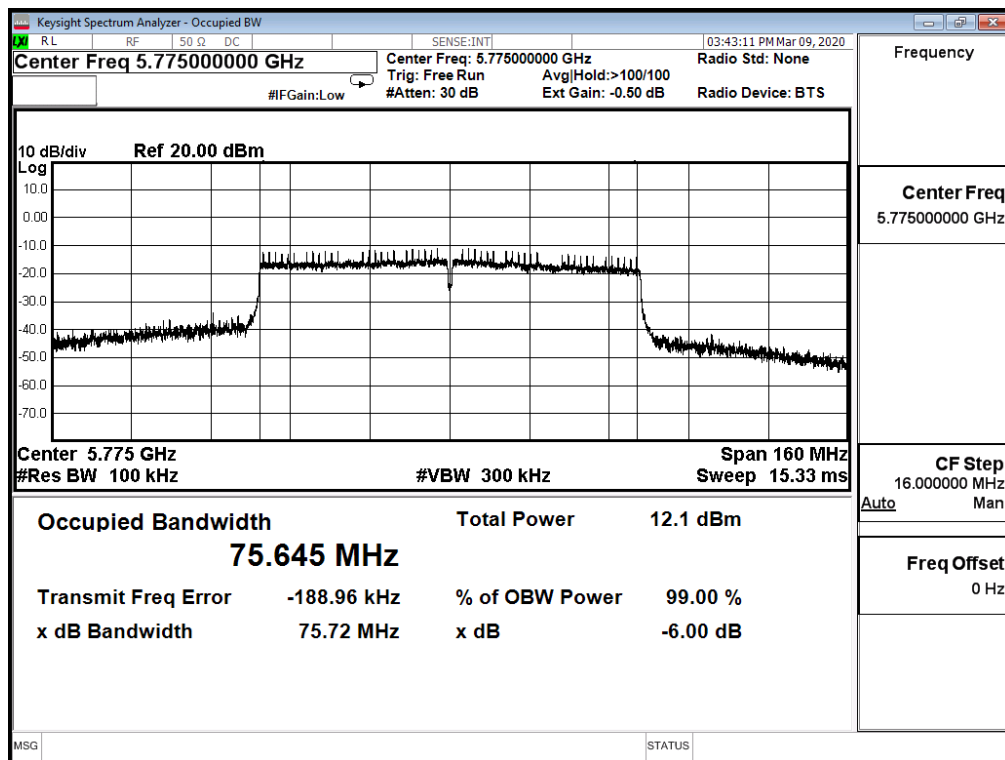
### Channel 159 (5795MHz)



Product	Android Based UI		
Test Item	DTS Bandwidth		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

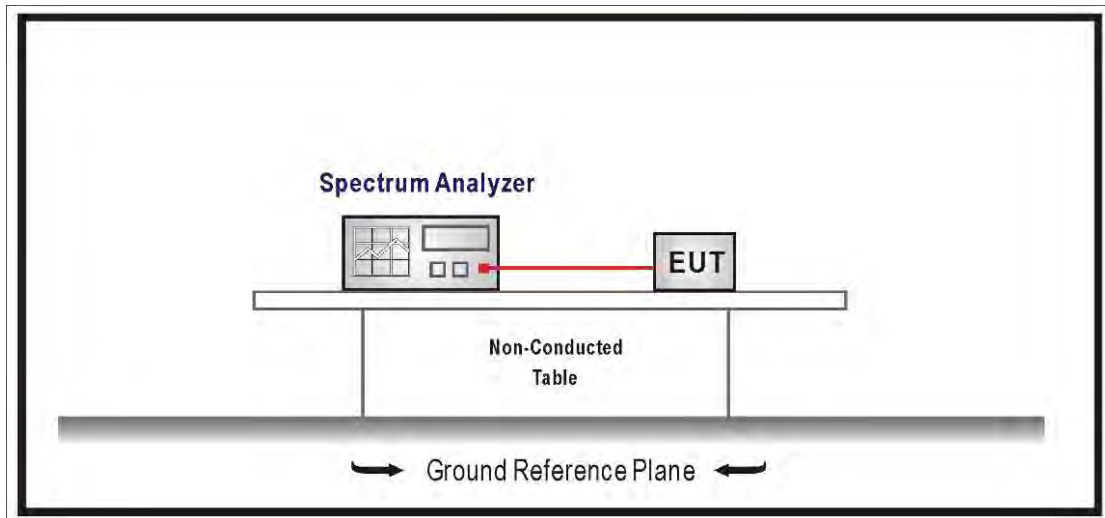
IEEE 802.11ac_80M(ANT 0)				
Channel No.	Frequency (MHz)	Measure Value (MHz)	Limit (MHz)	Result
155	5775	75.720	>0.5	Pass

**Channel 155 (5775MHz)**



## 4. Maximum conducted output power

### 4.1. Test Setup



### 4.2. Limits

(1) For the band 5.15-5.25 GHz.

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a

directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.



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### 4.3. Test Procedure

The EUT was setup to ANSI C63.10: 2013; tested to U-NII test procedure of 789033 D02 v02r01 for compliance to FCC 47CFR Subpart E requirements. The Method SA-1 of the Maximum conducted output power was used.

Set RBW=1MHz, VBW=3MHz with RMS detector and trace average 100 traces in power averaging mode. Set span to encompass the entire emission bandwidth (EBW) of the signal. Compute power by integrating the spectrum across the 26 dB EBW of the signal.

#### 4.4. Test Result

Product	Android Based UI		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

#### IEEE 802.11a (ANT 0)

Channel No.	Frequency (MHz)	Measure Value (dBm)	Limit (dBm)
36	5180	14.440	≤30.000
44	5220	19.360	≤30.000
48	5240	19.340	≤30.000
52	5260	19.190	≤24.000
60	5300	19.110	≤24.000
64	5320	13.810	≤24.000
100	5500	15.700	≤24.000
116	5580	20.410	≤24.000
140	5700	11.810	≤24.000
149	5745	14.990	≤30.000
157	5785	14.070	≤30.000
165	5825	13.380	≤30.000

The worst emission of data rate is 6 Mbps.

Channel No	Frequency (MHz)	Data Rate							
		6	9	12	18	24	36	48	54
36	5180	14.440	--	--	--	--	--	--	--
44	5220	19.360	19.220	19.090	18.960	18.830	18.690	18.550	18.410
48	5240	19.340	--	--	--	--	--	--	--
52	5260	19.190	--	--	--	--	--	--	--
60	5300	19.110	18.970	18.830	18.700	18.570	18.430	18.290	18.140
64	5320	13.810	--	--	--	--	--	--	--
100	5500	15.700	--	--	--	--	--	--	--
116	5580	20.410	20.270	20.120	19.980	19.840	19.700	19.560	19.420
140	5700	11.810	--	--	--	--	--	--	--
149	5745	14.990	--	--	--	--	--	--	--
157	5785	14.070	13.940	13.800	13.660	13.530	13.380	13.240	13.100
165	5825	13.380	--	--	--	--	--	--	--

Product	Android Based UI		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

## IEEE 802.11ac(20MHz)(ANT 0)

Channel No.	Frequency (MHz)	Measure Value (dBm)	Limit (dBm)
36	5180	13.050	≤30.000
44	5220	19.330	≤30.000
48	5240	19.290	≤30.000
52	5260	18.980	≤24.000
60	5300	19.080	≤24.000
64	5320	13.660	≤24.000
100	5500	16.380	≤24.000
116	5580	20.460	≤24.000
140	5700	10.160	≤24.000
149	5745	15.290	≤30.000
157	5785	14.310	≤30.000
165	5825	13.590	≤30.000

The worst emission of data rate is MCS0

Channel No	Frequency (MHz)	MCS Index									
		0	1	2	3	4	5	6	7	8	9
36	5180	13.050	--	--	--	--	--	--	--	--	--
44	5220	19.330	19.200	19.060	18.920	18.770	18.630	18.500	18.360	18.210	18.070
48	5240	19.290	--	--	--	--	--	--	--	--	--
52	5260	18.980	--	--	--	--	--	--	--	--	--
60	5300	19.080	18.930	18.800	18.660	18.530	18.380	18.240	18.090	17.940	17.790
64	5320	13.660	--	--	--	--	--	--	--	--	--
100	5500	16.380	--	--	--	--	--	--	--	--	--
116	5580	20.460	20.310	20.160	20.020	19.890	19.750	19.610	19.470	19.330	19.200
140	5700	10.160	--	--	--	--	--	--	--	--	--
149	5745	15.290	--	--	--	--	--	--	--	--	--
157	5785	14.310	14.160	14.020	13.880	13.730	13.580	13.440	13.290	13.160	13.020
165	5825	13.590	--	--	--	--	--	--	--	--	--

Product	Android Based UI		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

## IEEE 802.11ac(40MHz)(ANT 0)

Channel No.	Frequency (MHz)	Measure Value (dBm)	Limit (dBm)
38	5190	10.680	≤30.000
46	5230	16.270	≤30.000
54	5270	13.630	≤24.000
62	5310	11.230	≤24.000
102	5510	12.010	≤24.000
110	5550	18.540	≤24.000
134	5670	12.550	≤24.000
151	5755	14.830	≤30.000
159	5795	13.940	≤30.000

The worst emission of data rate is MCS0

Channel No	Frequency (MHz)	MCS Index									
		0	1	2	3	4	5	6	7	8	9
38	5190	10.680	--	--	--	--	--	--	--	--	--
46	5230	16.270	16.130	15.990	15.850	15.720	15.590	15.450	15.310	15.170	15.020
54	5270	13.630	--	--	--	--	--	--	--	--	--
62	5310	11.230	--	--	--	--	--	--	--	--	--
102	5510	12.010	11.880	11.740	11.600	11.460	11.330	11.190	11.040	10.900	10.760
110	5550	18.540	--	--	--	--	--	--	--	--	--
134	5670	12.550	--	--	--	--	--	--	--	--	--
151	5755	14.830	14.700	14.550	14.410	14.270	14.140	14.000	13.860	13.720	13.570
159	5795	13.940	--	--	--	--	--	--	--	--	--

Product	Android Based UI		
Test Item	Maximum conducted output power		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

## IEEE 802.11ac(80MHz) (ANT 0)

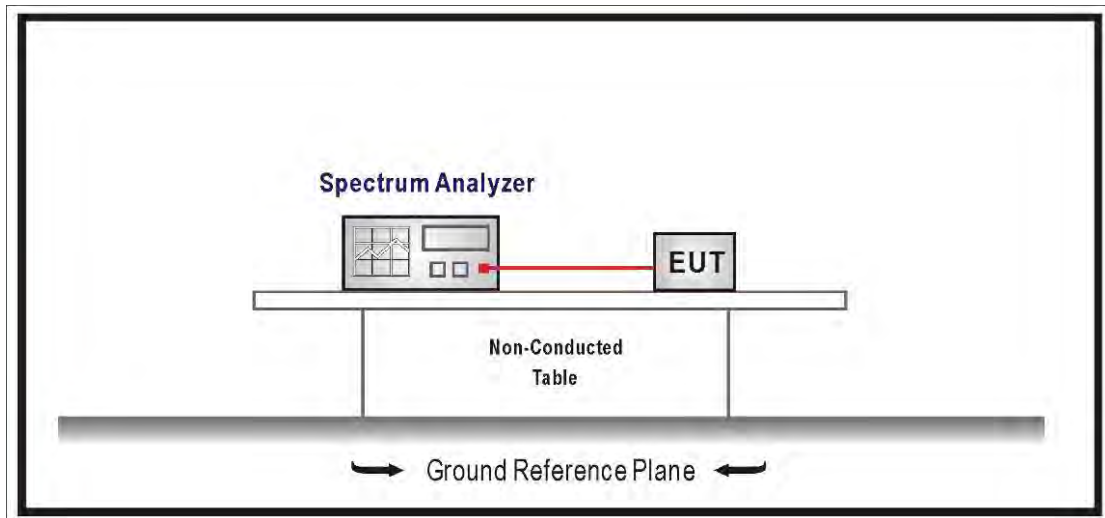
Channel No.	Frequency (MHz)	Measure Value (dBm)	Limit (dBm)
42	5210	7.190	≤30.000
58	5290	8.710	≤24.000
106	5530	8.180	≤24.000
122	5610	10.200	≤24.000
155	5775	6.040	≤30.000

The worst emission of data rate is MCS0

Channel No	Frequency (MHz)	MCS Index									
		0	1	2	3	4	5	6	7	8	9
42	5210	7.190	7.060	6.920	6.790	6.660	6.530	6.390	6.240	6.110	5.980
58	5290	8.710	8.570	8.440	8.300	8.150	8.000	7.860	7.730	7.590	7.460
106	5530	8.180	8.030	7.890	7.760	7.630	7.500	7.370	7.230	7.090	6.940
122	5610	10.200	10.050	9.910	9.780	9.650	9.510	9.380	9.240	9.090	8.940
155	5775	6.040	5.900	5.760	5.610	5.460	5.330	5.190	5.060	4.930	4.790

## 5. Maximum power spectral density

### 5.1. Test Setup



### 5.2. Limits

1. For the band 5.15-5.25 GHz, the Maximum power spectral density shall not exceed 17 dBm in any 1MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the Maximum power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
2. For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi
3. For the band 5.25-5.35 GHz, the Maximum power spectral density shall not exceed 11 dBm in any 1-MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the Maximum power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
4. For the band 5.725-5.850 GHz, the Maximum power spectral density shall not exceed 30 dBm in any 500KHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the Maximum power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi..

### 5.3. Test Procedure

The EUT was setup to ANSI C63.10: 2013; tested to U-NII test procedure of KDB 789033.D02 v02r01 for compliance to FCC 47CFR Subpart E requirements.

For Band1 : Set RBW=1MHz, VBW=3MHz with RMS detector. The PPSD is the highest level found across the emission in any 1-MHz band after 100 sweeps of averaging.

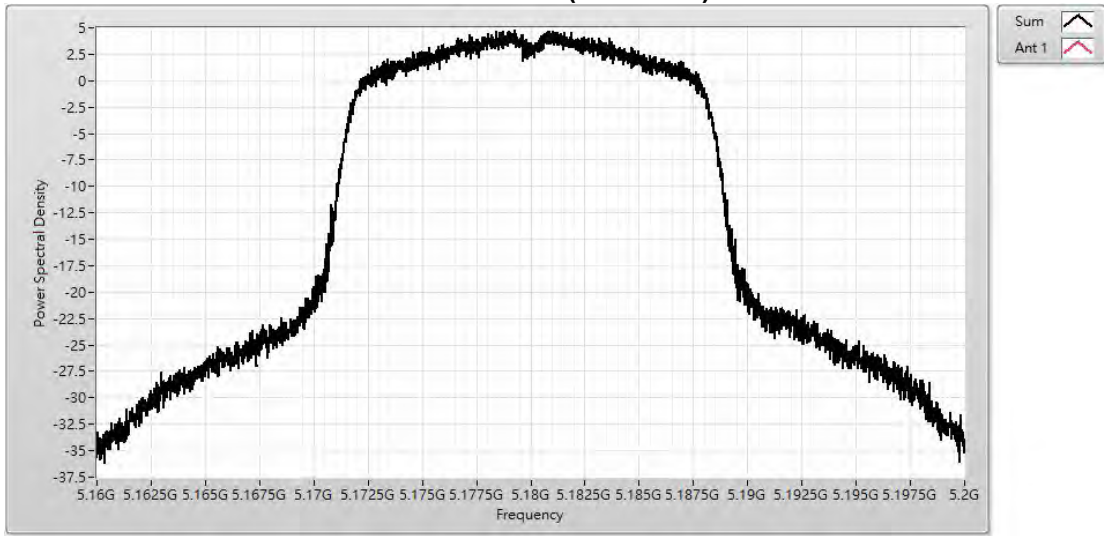
For Band4 : Set RBW=500KHz, VBW=1.5MHz with RMS detector. The PPSD is the highest level found across the emission in any 500KHz band after 100 sweeps of averaging.

#### 5.4. Test Result

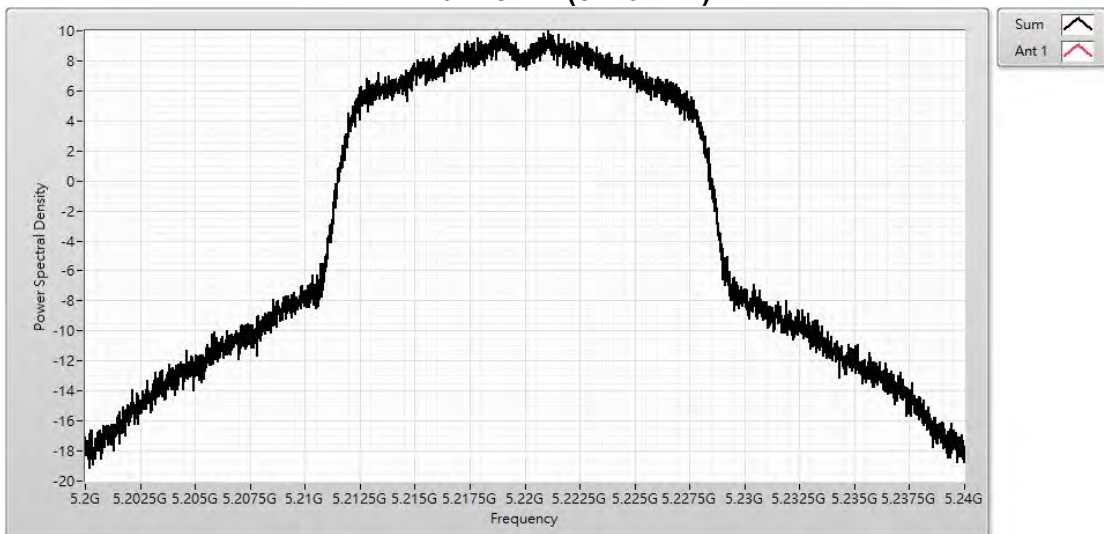
Product	Android Based UI		
Test Item	Maximum power spectral density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

IEEE 802.11a (ANT0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	4.730	≤17.000	Pass
44	5220	10.000	≤17.000	Pass
48	5240	9.740	≤17.000	Pass
52	5260	9.040	≤11.000	Pass
60	5300	9.130	≤11.000	Pass
64	5320	3.440	≤11.000	Pass
100	5500	5.280	≤11.000	Pass
116	5580	10.270	≤11.000	Pass
140	5700	1.630	≤11.000	Pass
149	5745	2.440	≤30.000	Pass
157	5785	1.880	≤30.000	Pass
165	5825	0.880	≤30.000	Pass

Channel 36 (5180MHz)

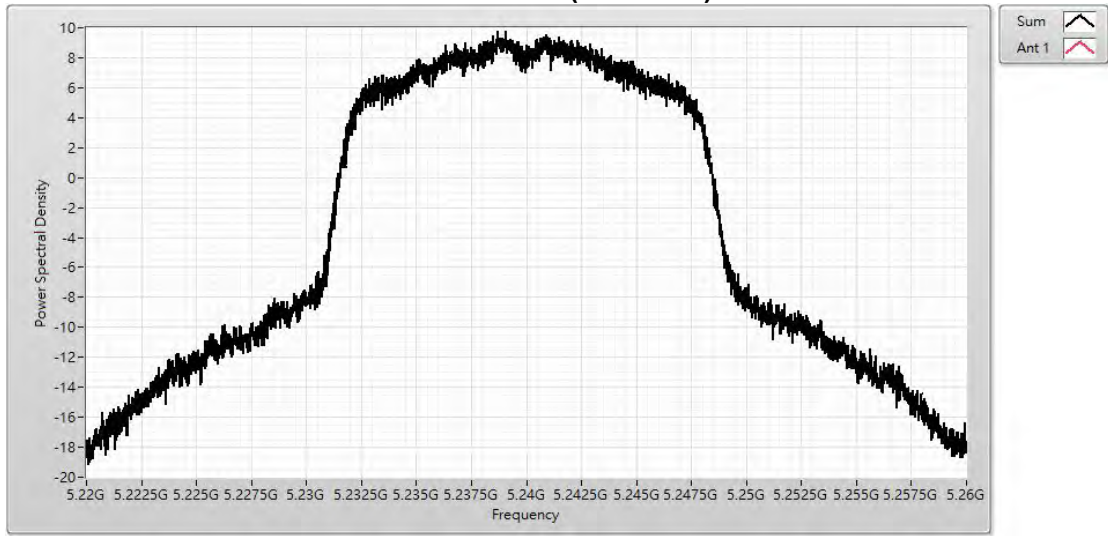


Channel 44 (5220MHz)

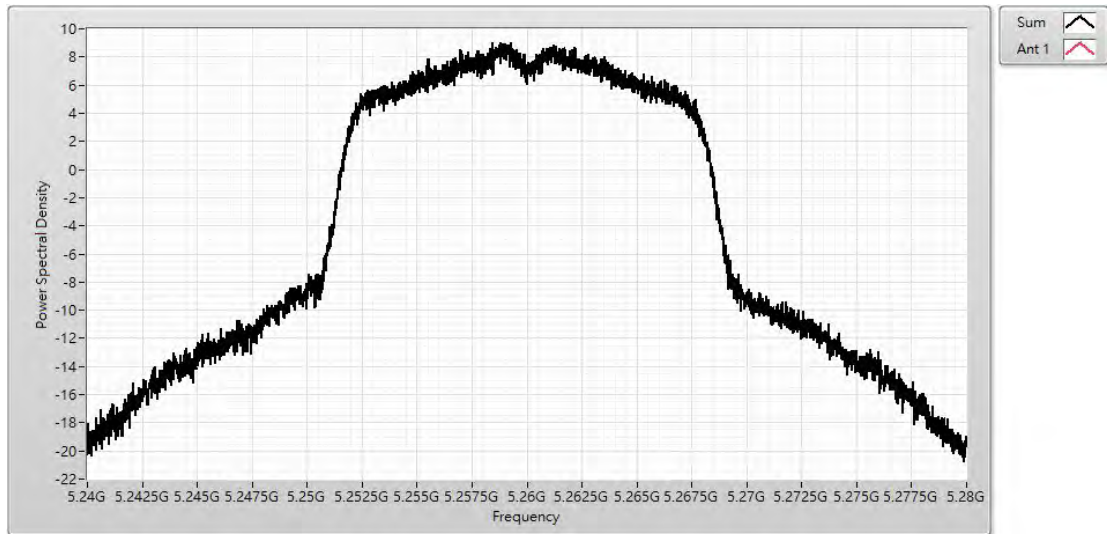




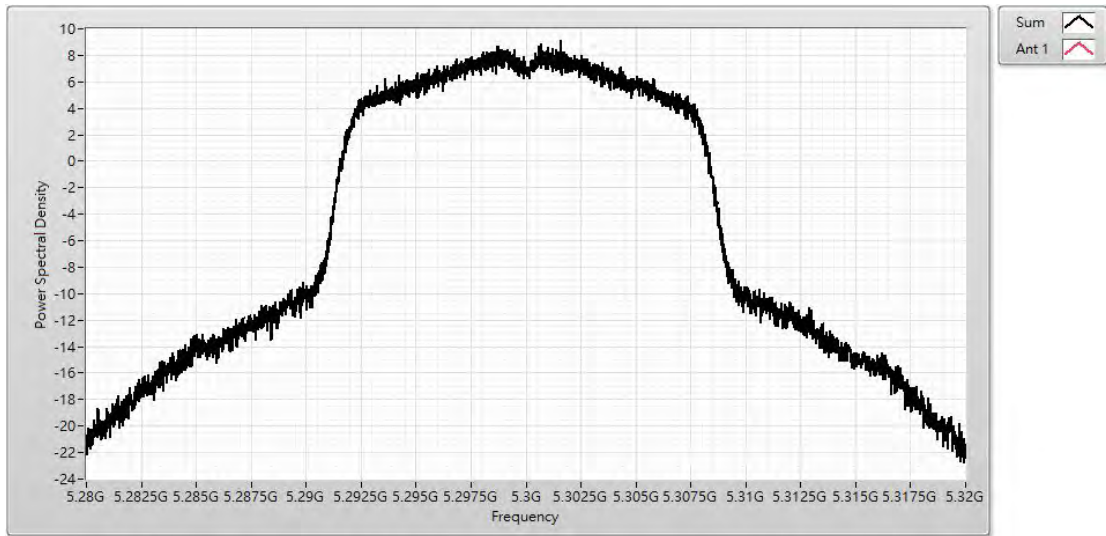
Channel 48 (5240MHz)



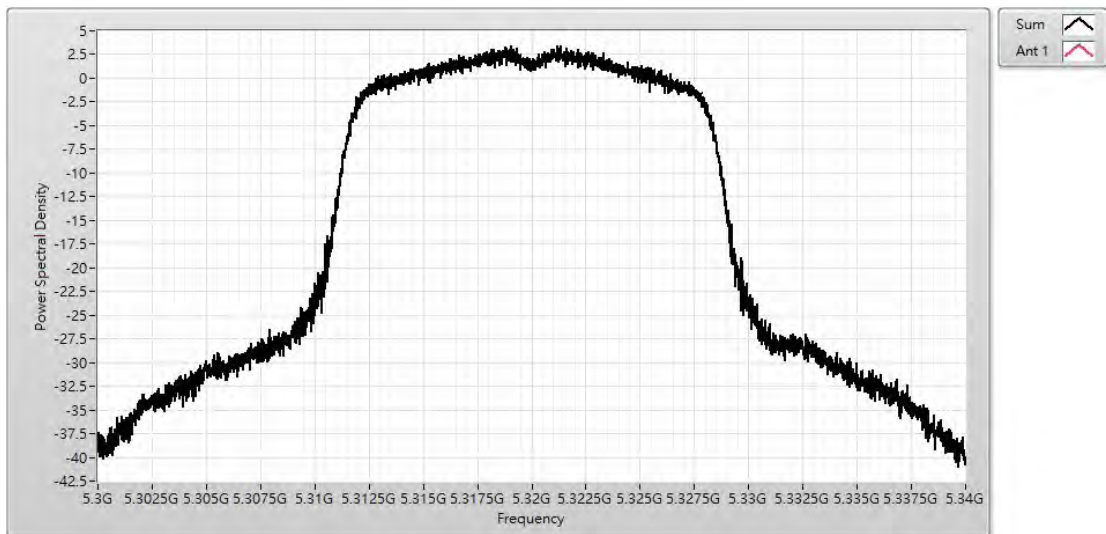
Channel 52 (5260MHz)



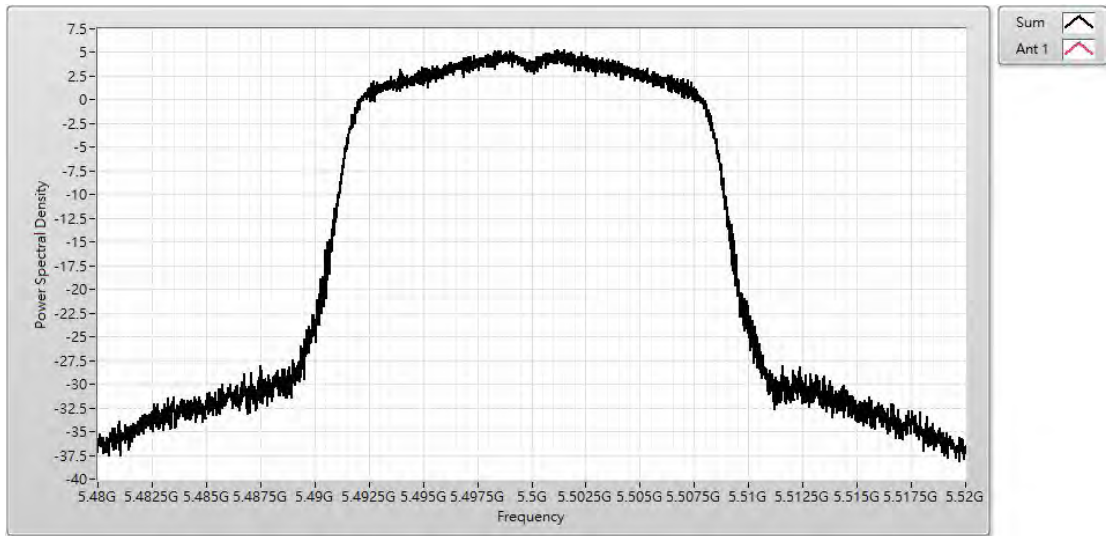
### Channel 60 (5300MHz)



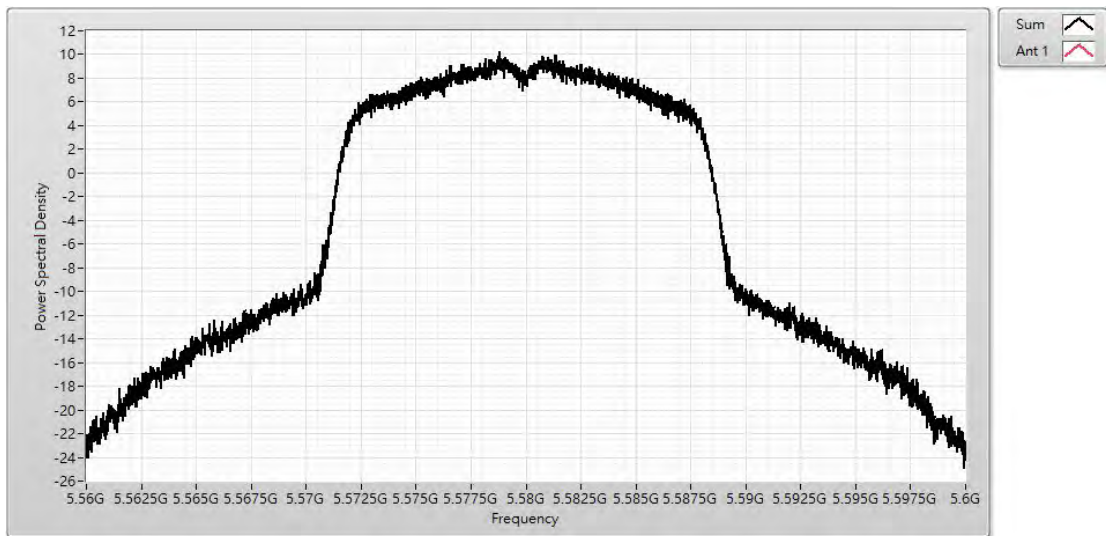
### Channel 64 (5320MHz)



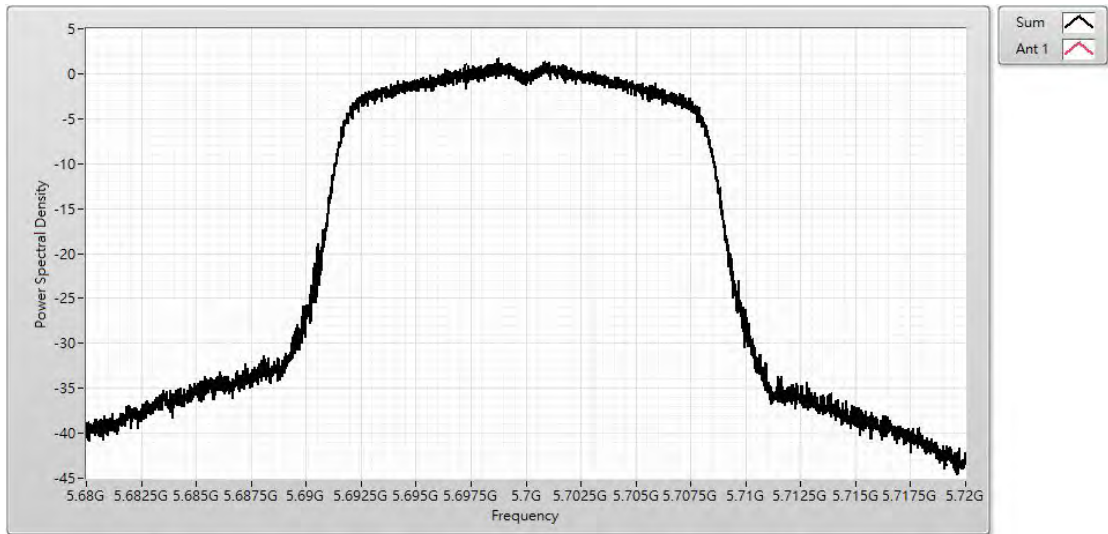
### Channel 100 (5500MHz)



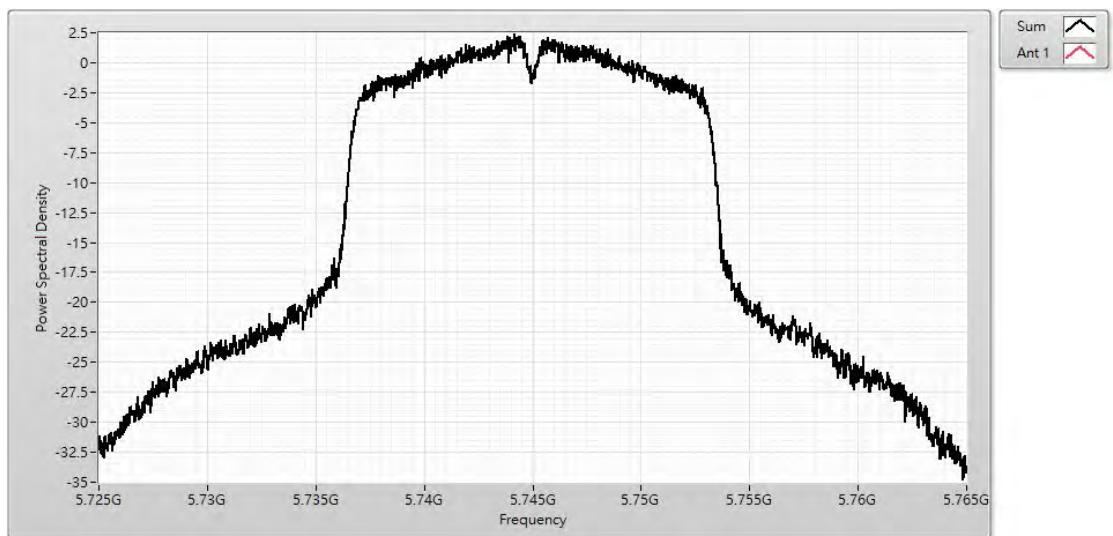
### Channel 116 (5580MHz)



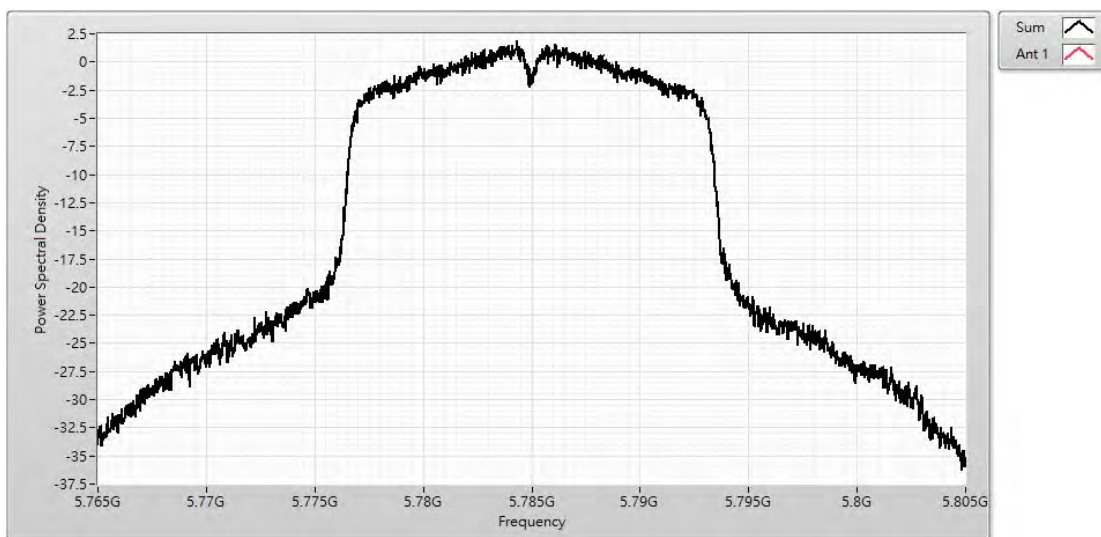
### Channel 140 (5700MHz)



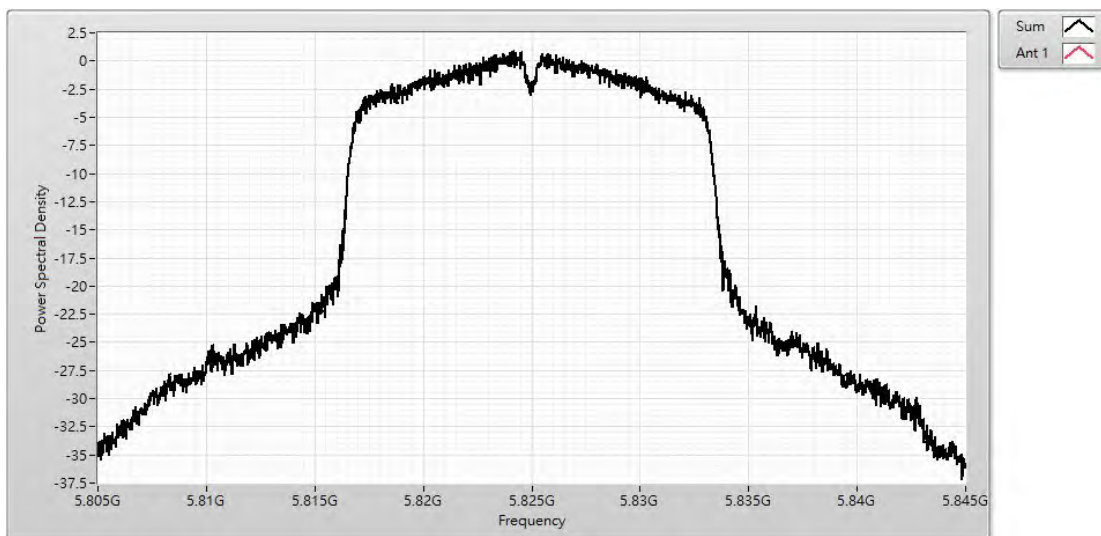
### Channel 149 (5745MHz)



### Channel 157 (5785MHz)



### Channel 165 (5825MHz)

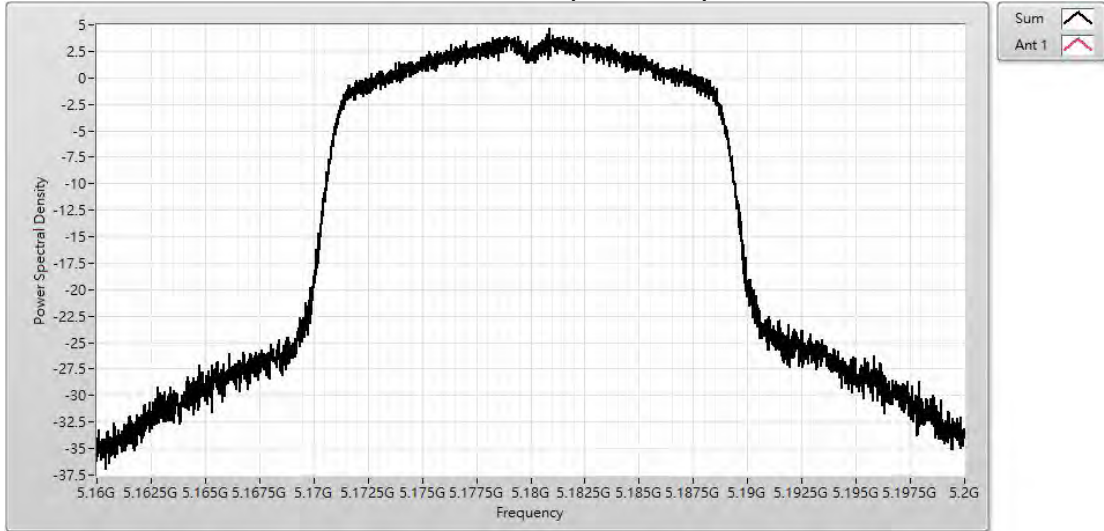


Product	Android Based UI		
Test Item	Maximum power spectral density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

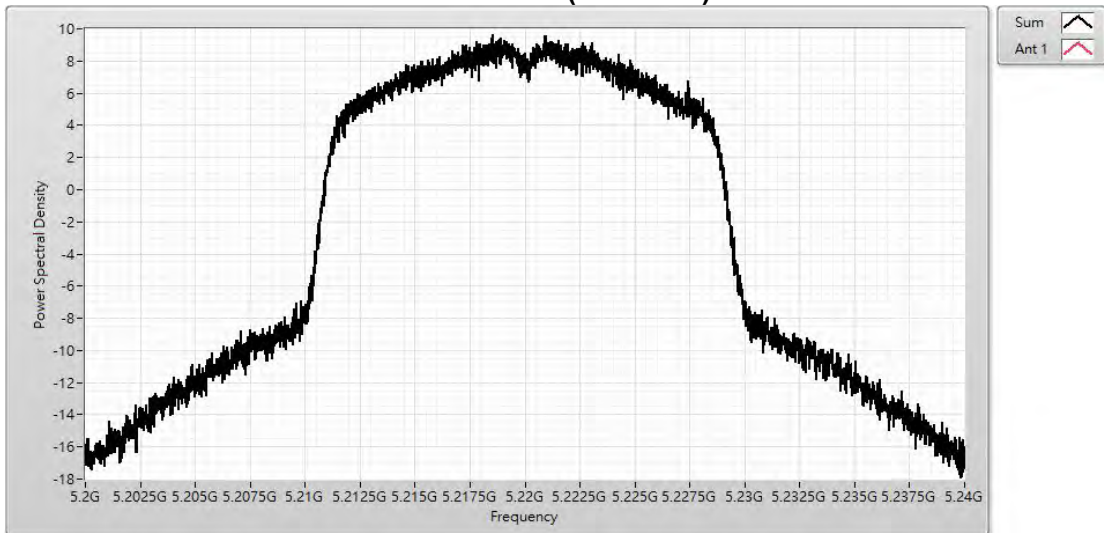
IEEE 802.11ac(20MHz)(ANT0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
36	5180	4.670	≤17.000	Pass
44	5220	9.650	≤17.000	Pass
48	5240	9.350	≤17.000	Pass
52	5260	8.870	≤11.000	Pass
60	5300	8.280	≤11.000	Pass
64	5320	3.080	≤11.000	Pass
100	5500	6.380	≤11.000	Pass
116	5580	9.780	≤11.000	Pass
140	5700	-0.190	≤11.000	Pass
149	5745	1.910	≤30.000	Pass
157	5785	1.330	≤30.000	Pass
165	5825	0.810	≤30.000	Pass



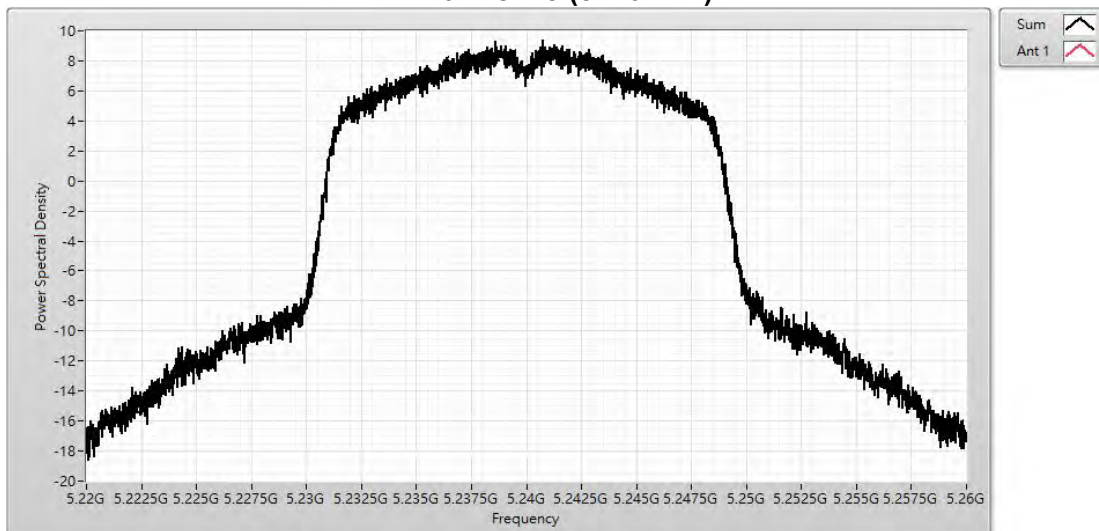
Channel 36 (5180MHz)



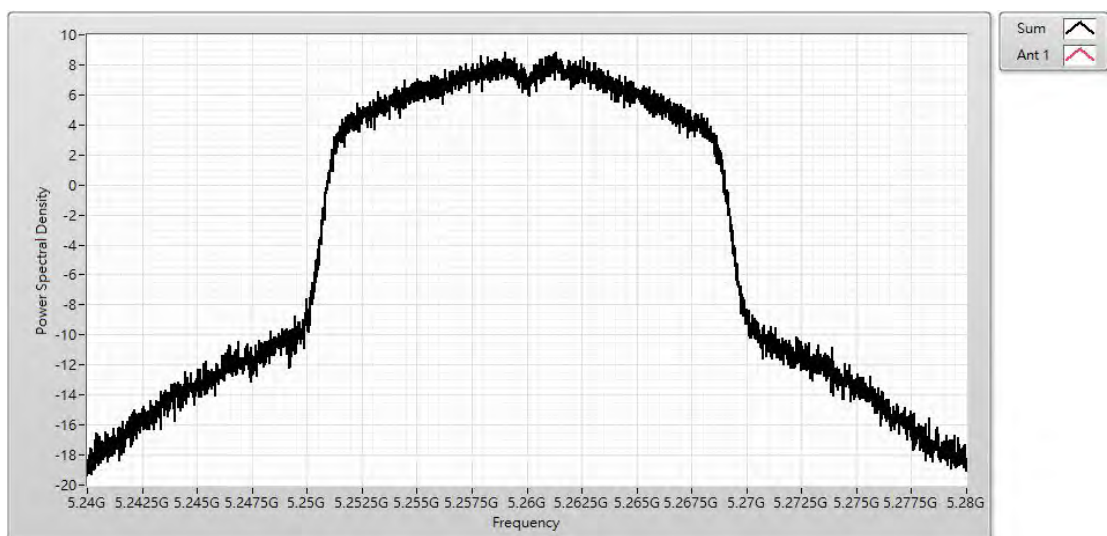
Channel 44 (5220MHz)



Channel 48 (5240MHz)

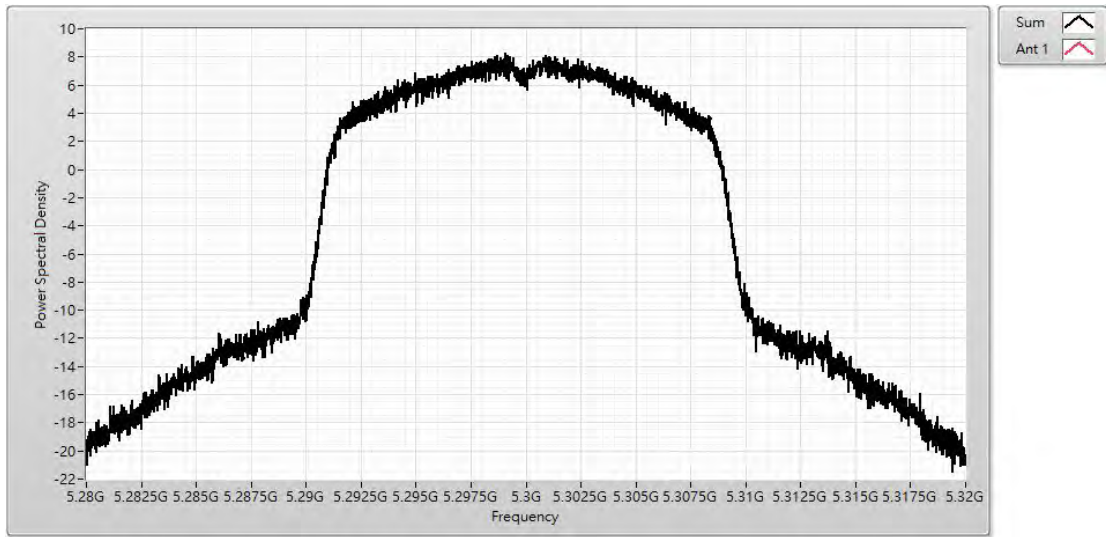


Channel 52 (5260MHz)

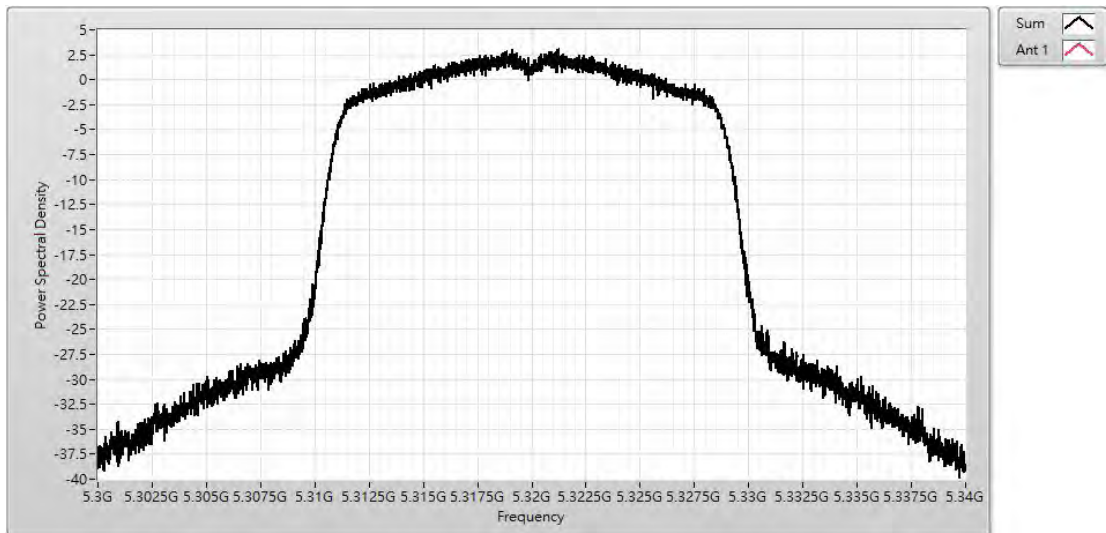




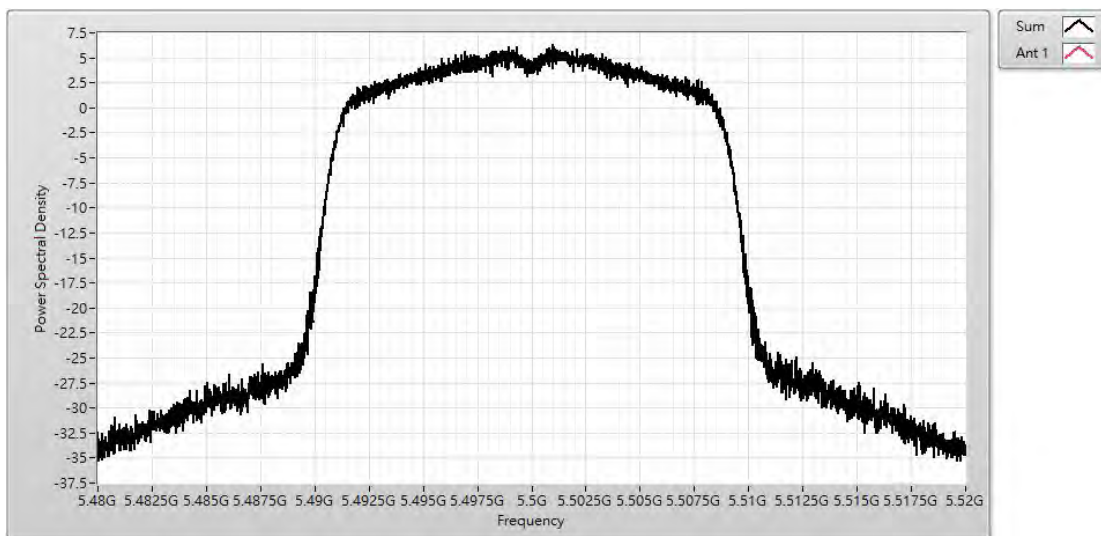
### Channel 60 (5300MHz)



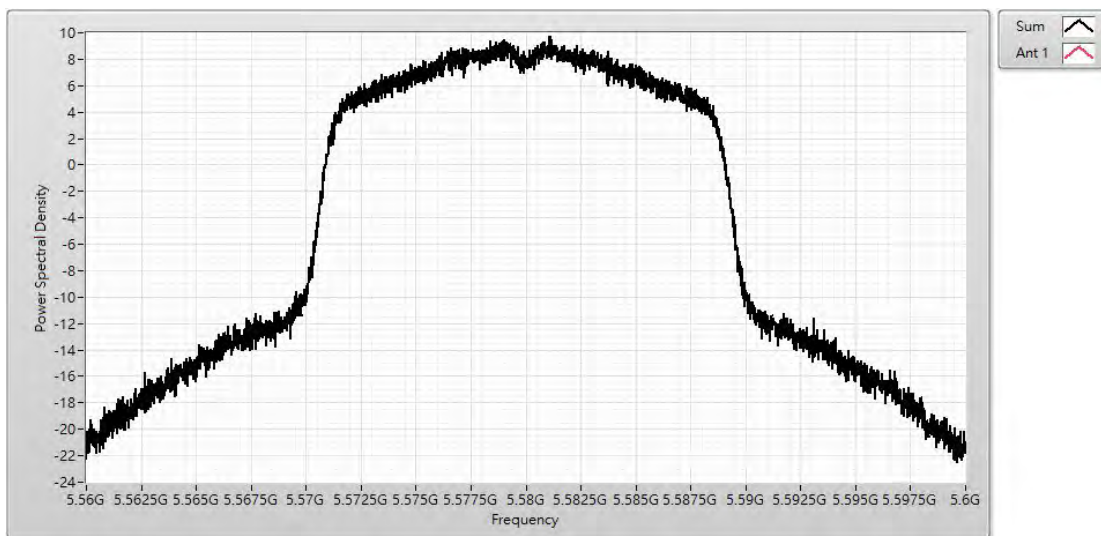
### Channel 64 (5320MHz)



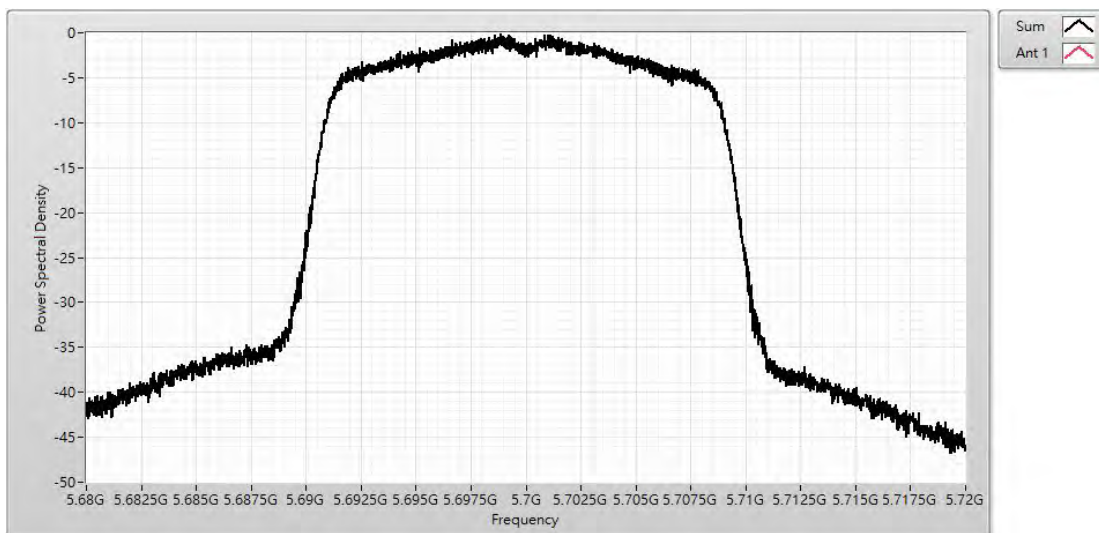
### Channel 100 (5500MHz)



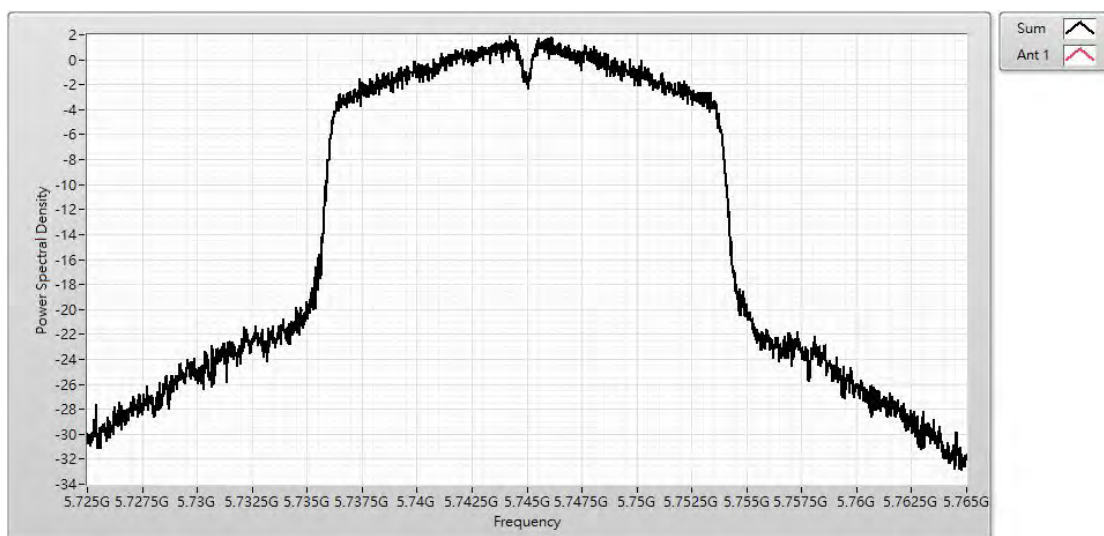
### Channel 116 (5580MHz)



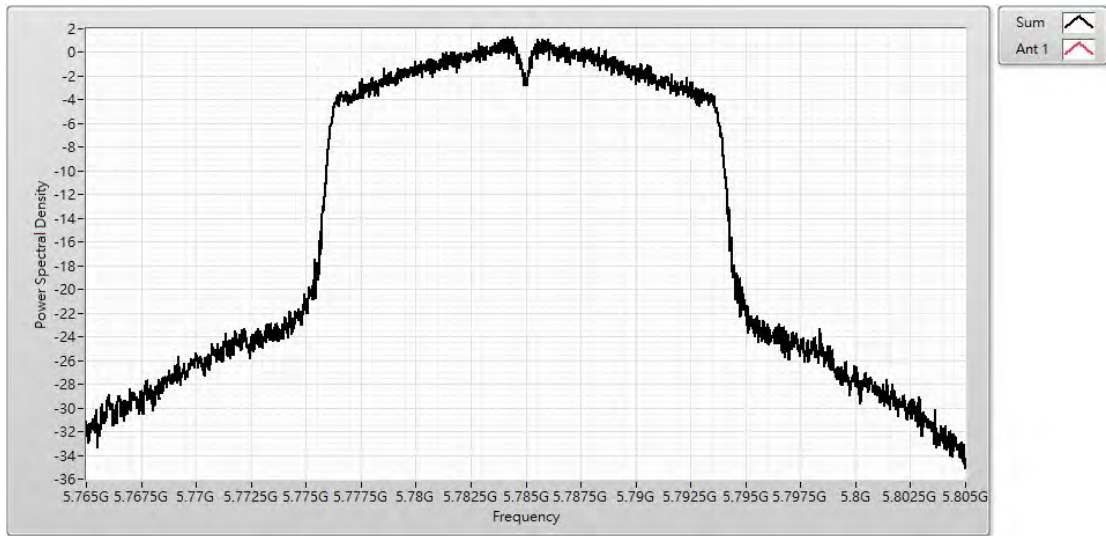
### Channel 140 (5700MHz)



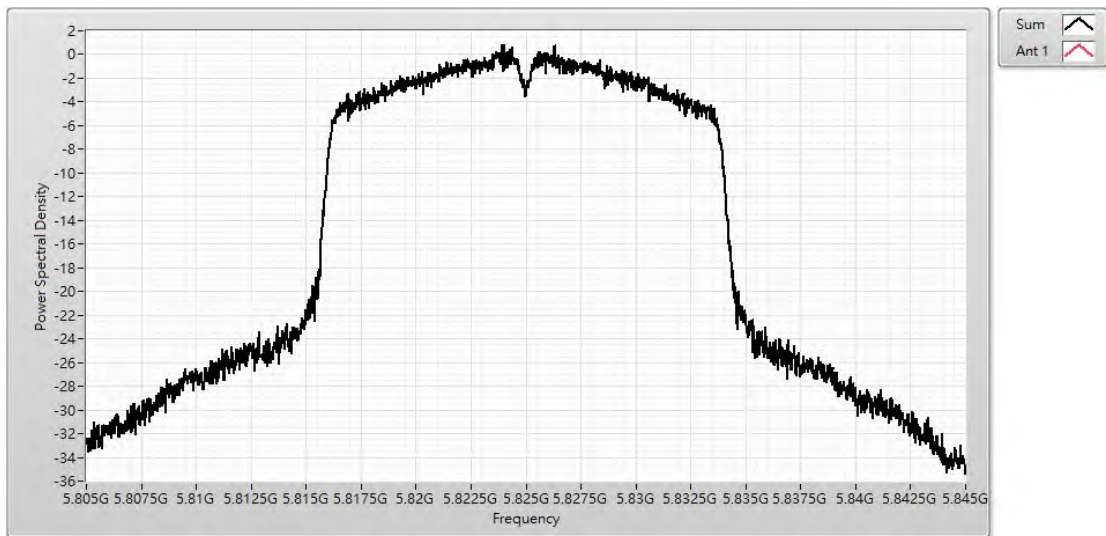
### Channel 149 (5745MHz)



### Channel 157 (5785MHz)



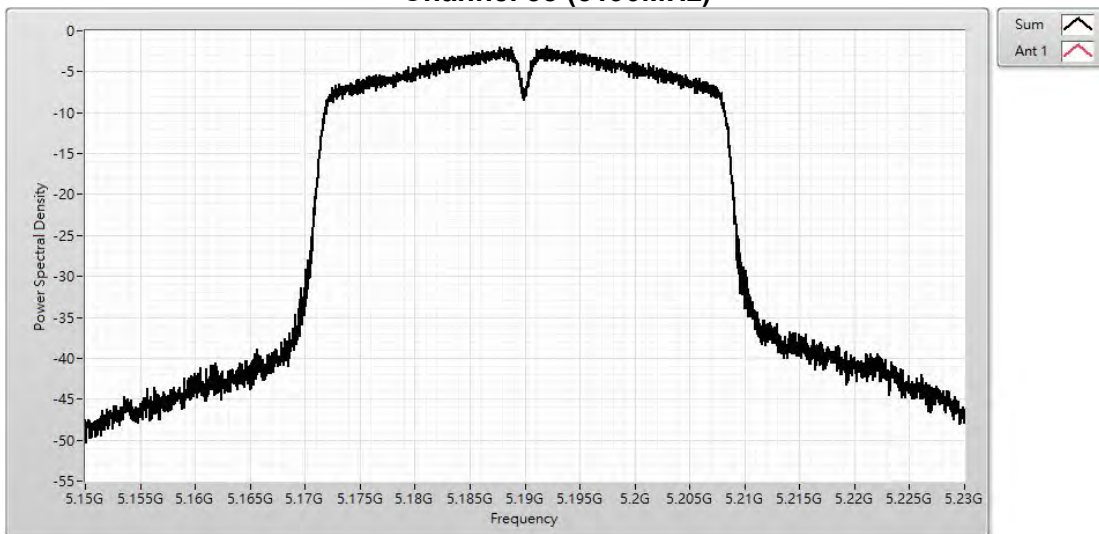
### Channel 165 (5825MHz)



Product	Android Based UI		
Test Item	Maximum power spectral density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

IEEE 802.11ac(40MHz)(ANT0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
38	5190	-1.780	≤17.000	Pass
46	5230	3.440	≤17.000	Pass
54	5270	0.260	≤11.000	Pass
62	5310	-3.090	≤11.000	Pass
102	5510	-1.990	≤11.000	Pass
110	5550	4.750	≤11.000	Pass
134	5670	-0.850	≤11.000	Pass
151	5755	-1.770	≤30.000	Pass
159	5795	-2.610	≤30.000	Pass

Channel 38 (5190MHz)

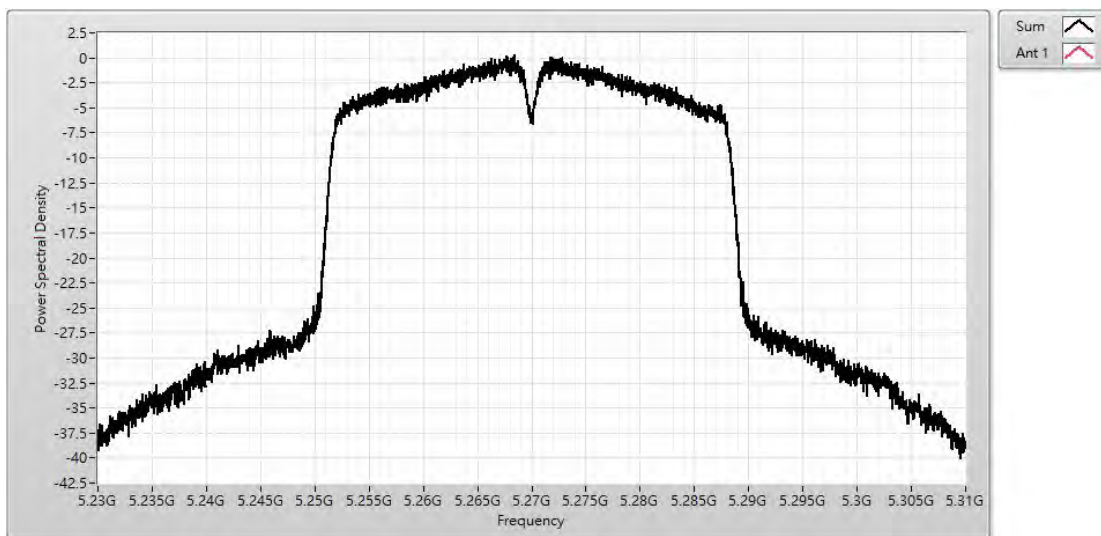


Channel 46 (5230MHz)

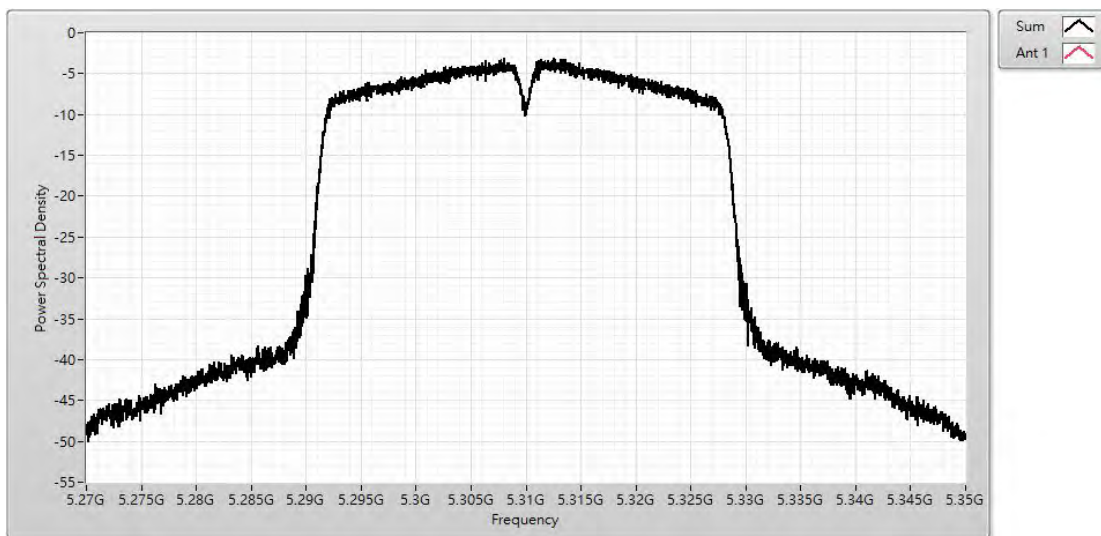




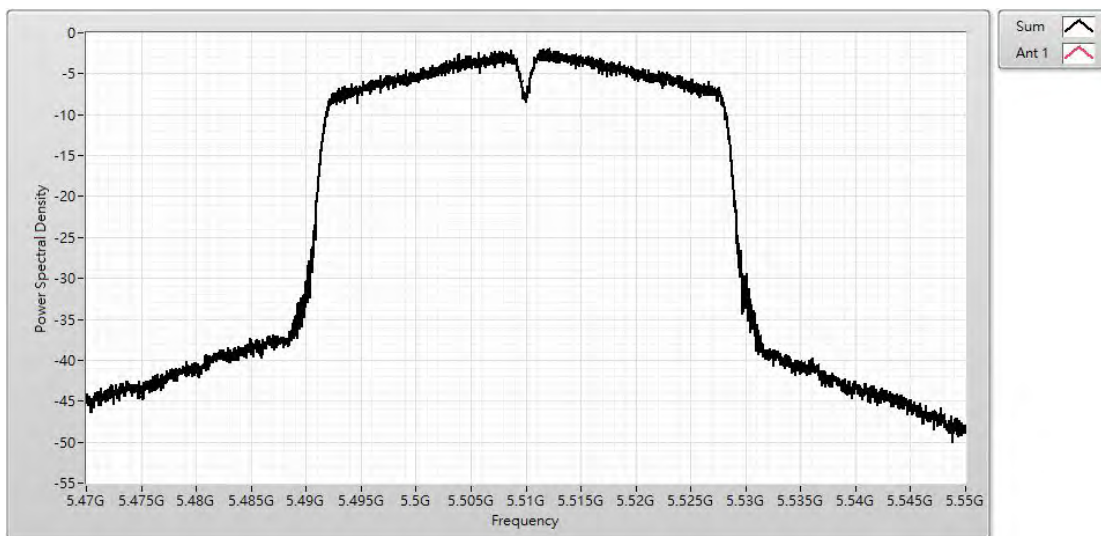
### Channel 54 (5270MHz)



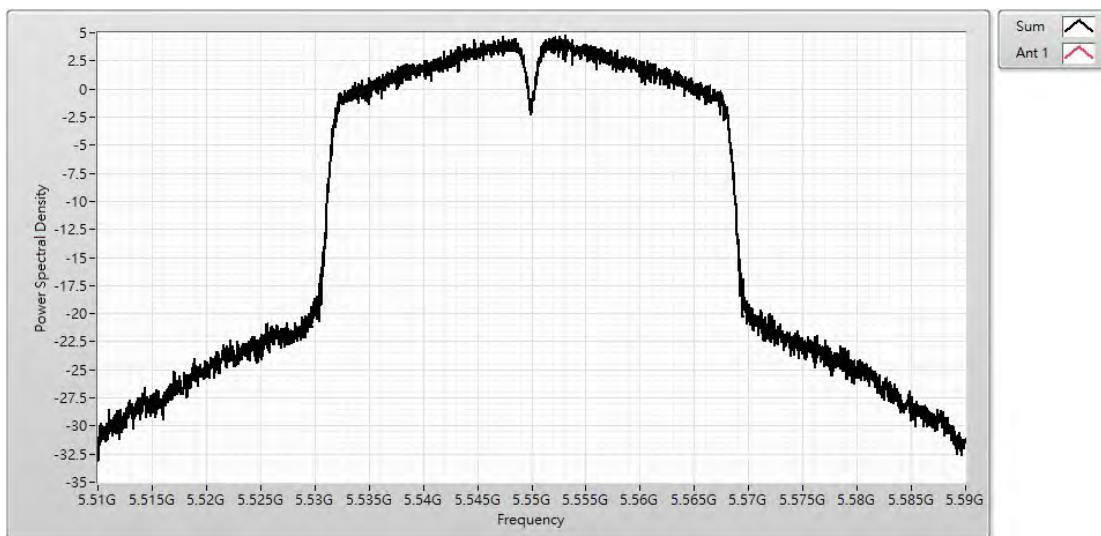
### Channel 62 (5310MHz)



### Channel 102 (5510MHz)

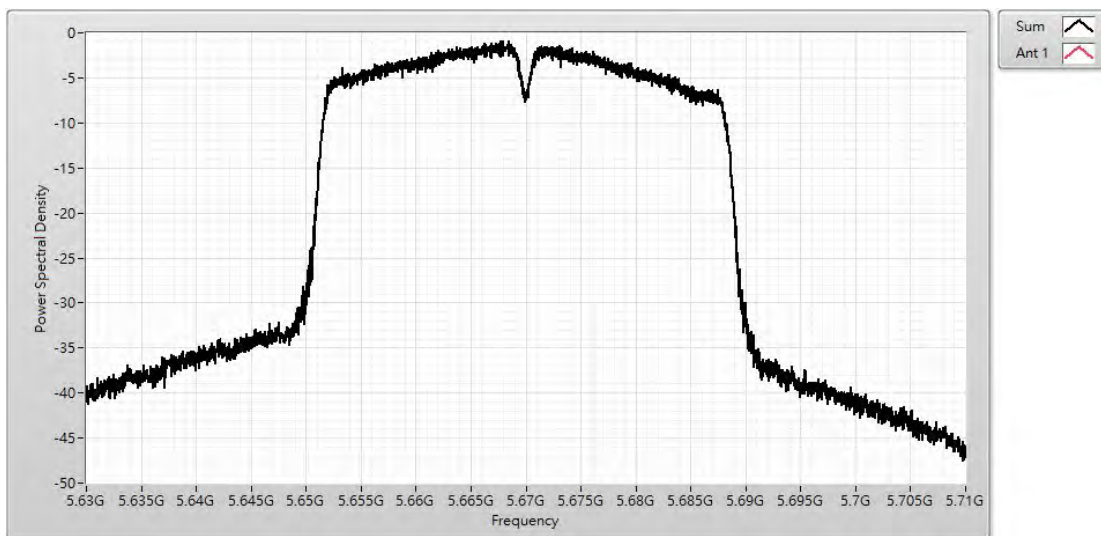


### Channel 110 (5550MHz)

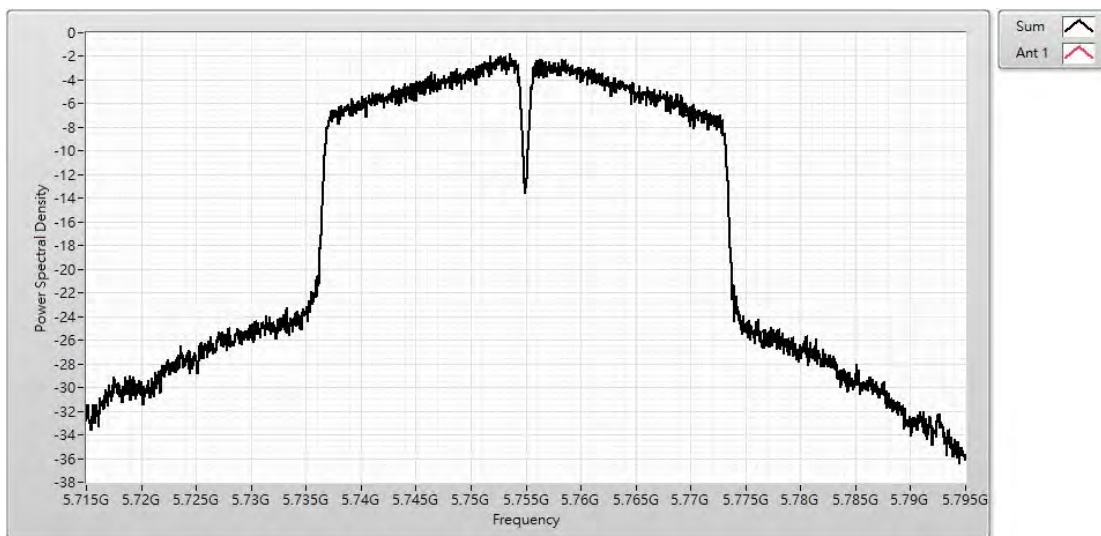




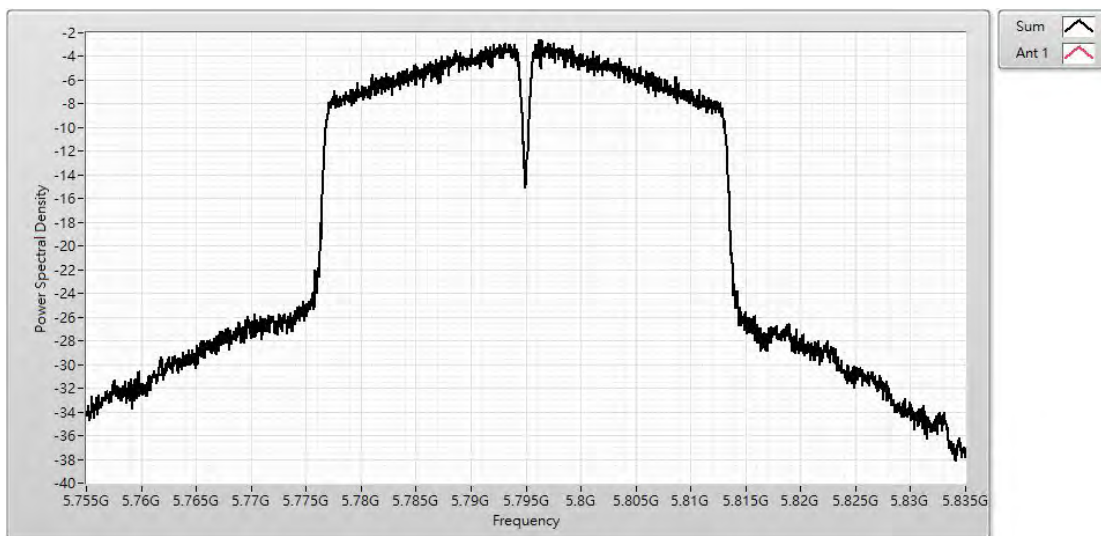
### Channel 134 (5670MHz)



### Channel 151 (5755MHz)



### Channel 159 (5795MHz)



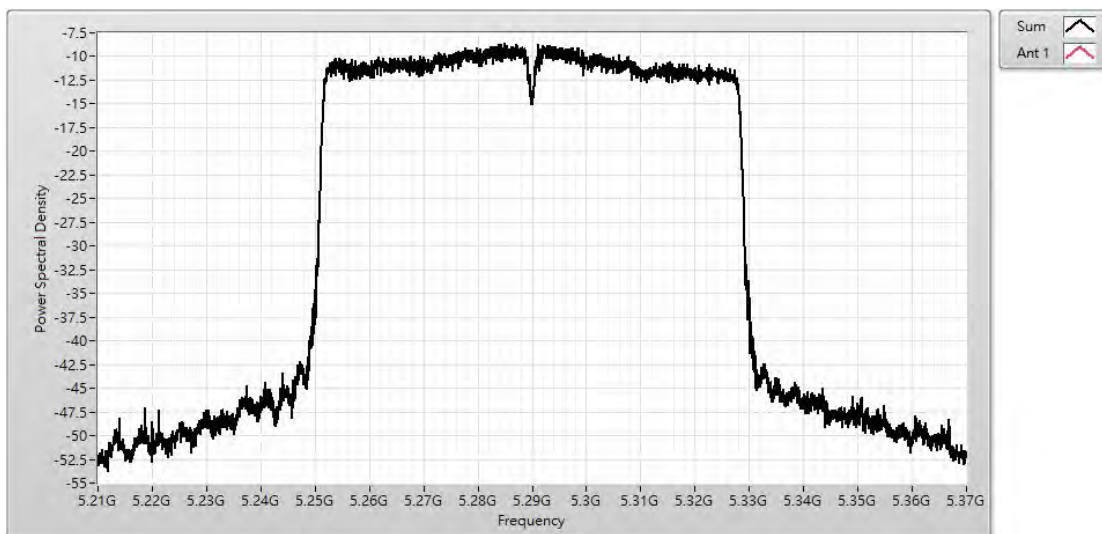
Product	Android Based UI		
Test Item	Maximum power spectral density		
Test Mode	Mode 1: Transmit Mode		
Date of Test	2020/03/09	Test Site	SR12-H
Test Temperature	23.0°C	Test Humidity	60.0%

IEEE 802.11ac(80MHz)(ANT0)				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
42	5210	-9.400	≤17.000	Pass
58	5290	-8.660	≤11.000	Pass
106	5530	-9.440	≤11.000	Pass
122	5610	-7.120	≤11.000	Pass
155	5775	-14.840	≤30.000	Pass

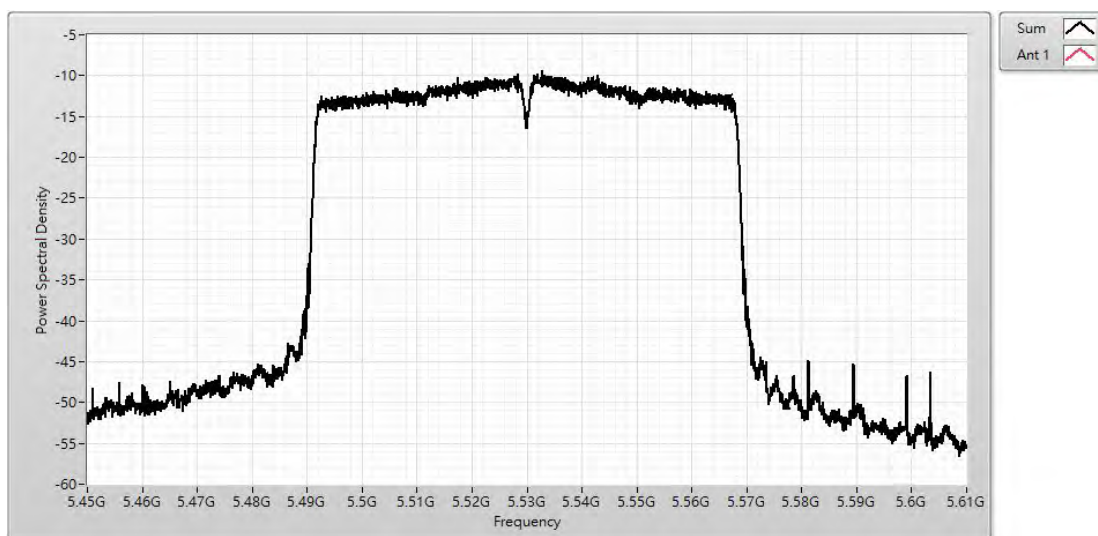
**Channel 42 (5210MHz)**



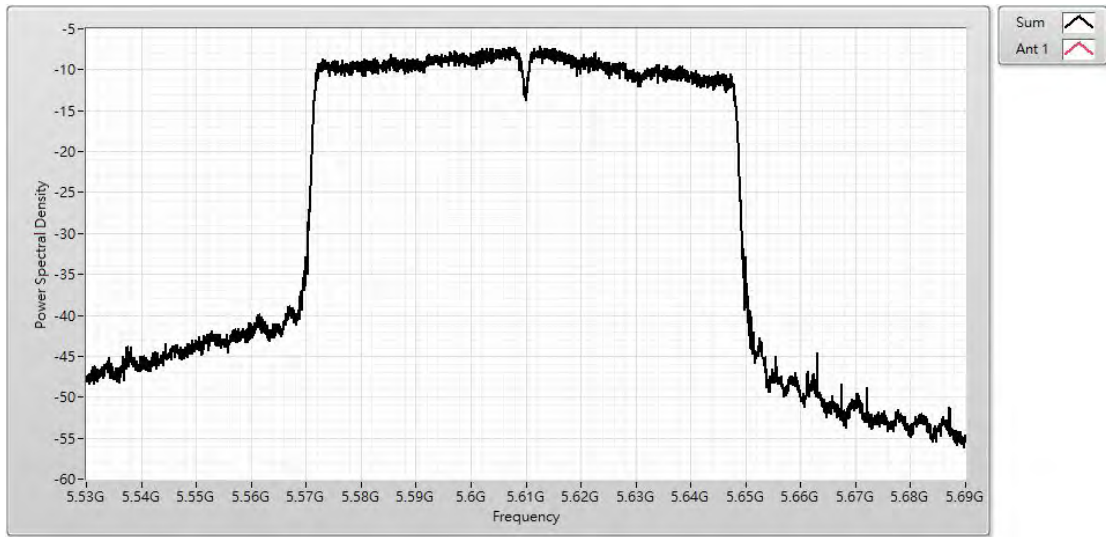
### Channel 58 (5290MHz)



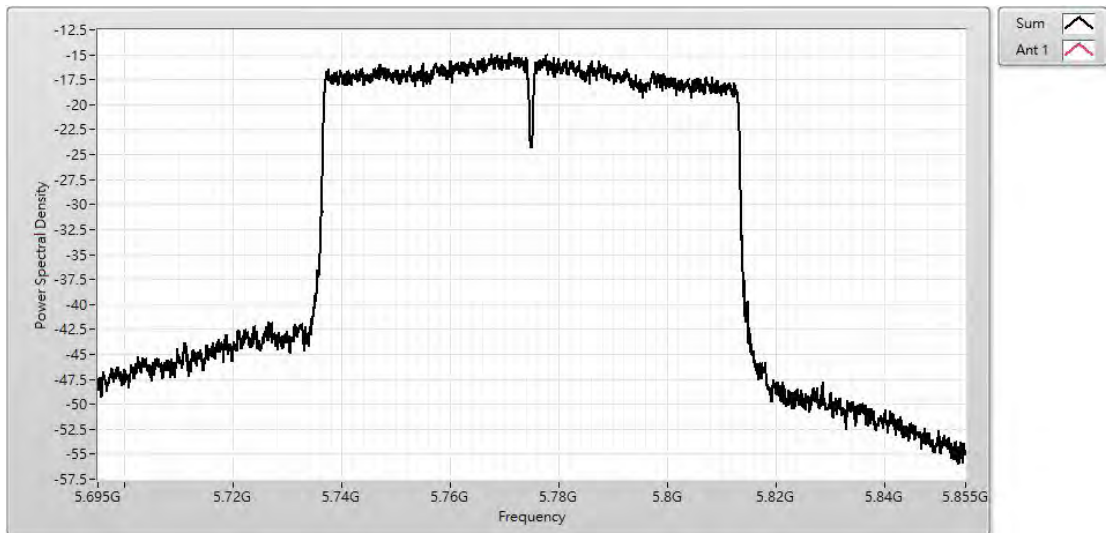
### Channel 106 (5530MHz)



### Channel 122 (5610MHz)



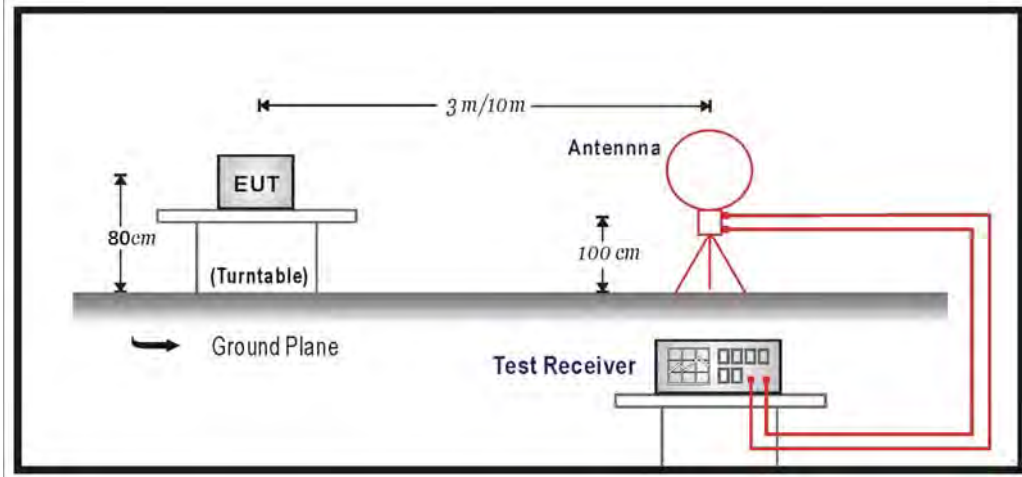
### Channel 155 (5775MHz)



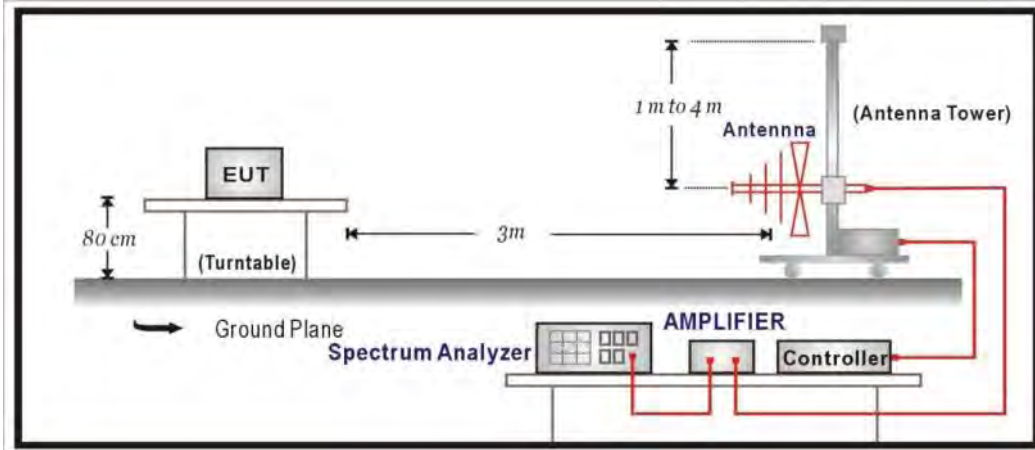
## 6. Radiated Emission

### 6.1. Test Setup

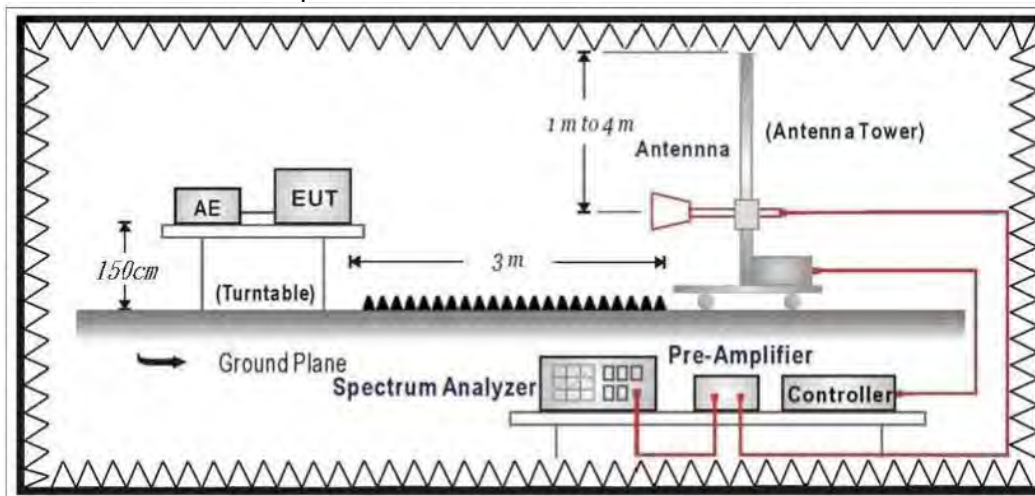
Under 30MHz Test Setup:



Under 1GHz Test Setup:



Above 1GHz Test Setup:





## 6.2. Limits

### ➤ General Radiated Emission Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section. Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency (MHz)	uV/m	dBuV/m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remark:

1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

### ➤ Unwanted Emission out of the restricted bands Limits

FCC Part 15 Subpart E Paragraph 15.407(b) Limits		
Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength (dBuV/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3
5725 - 5850	-27 (Note1)	68.3
	-17 (Note2)	78.3

Remark:

1. For frequencies more than 10 MHz above or below the band edges.
2. For frequency range from the band edges to 10 MHz above or below the band edges.

$$3. \quad uV/m = \frac{1000000\sqrt{30 \times EIRP}}{3}, \quad \text{RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)}$$

---

### 6.3. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 or 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field strength of harmonics measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 KHz, above 1GHz are 1 MHz.

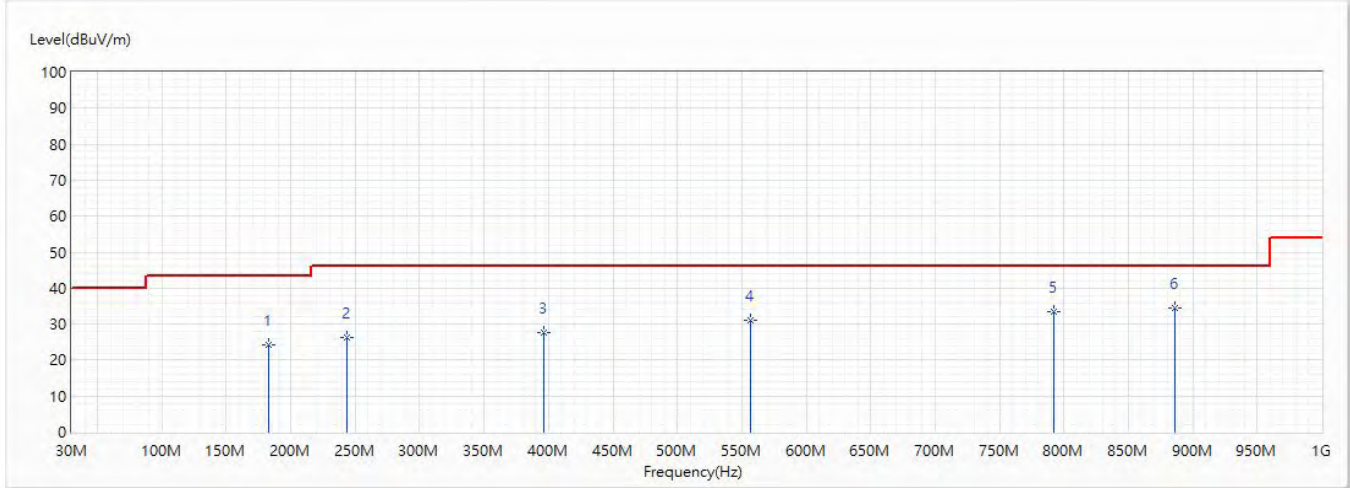
The frequency range from 30MHz to 10th harmonics is checked.



### 6.4. Test Result

#### 30MHz-1GHz Spurious

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11a_5220MHz	Humidity (%RH)	58.0

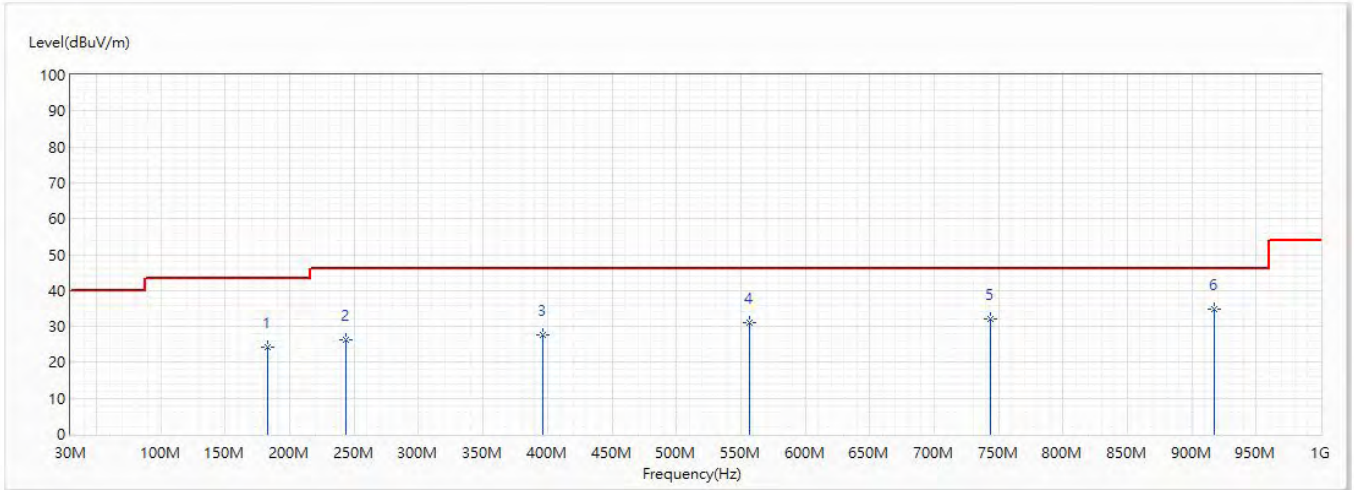


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	183.018	24.11	43.50	-19.39	28.85	-4.74	QP
2	244.006	26.33	46.00	-19.67	28.01	-1.68	QP
3	396.539	27.67	46.00	-18.33	24.93	2.74	QP
4	556.346	31.01	46.00	-14.99	25.60	5.41	QP
5	792.056	33.29	46.00	-12.71	25.08	8.21	QP
* 6	886.51	34.56	46.00	-11.44	25.16	9.40	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11a_5220MHz	Humidity (%RH)	58.0

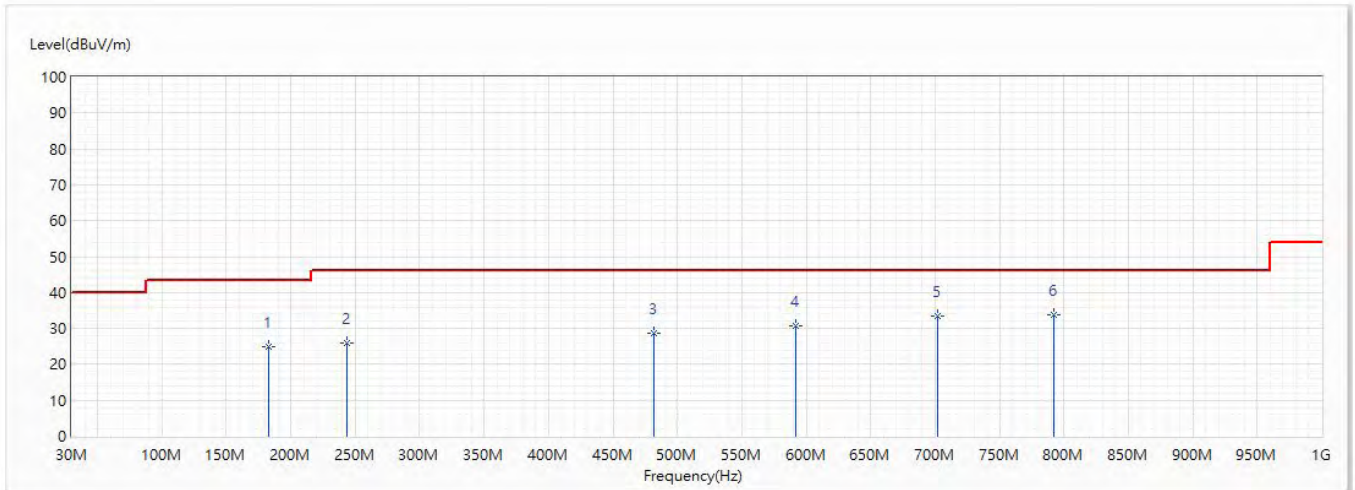


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	183.018	24.11	43.50	-19.39	28.85	-4.74	QP
2	244.006	26.33	46.00	-19.67	28.01	-1.68	QP
3	396.539	27.67	46.00	-18.33	24.93	2.74	QP
4	556.346	31.01	46.00	-14.99	25.60	5.41	QP
5	744.041	31.93	46.00	-14.07	24.33	7.60	QP
* 6	917.55	34.93	46.00	-11.07	25.11	9.82	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5220MHz	Humidity (%RH)	58.0

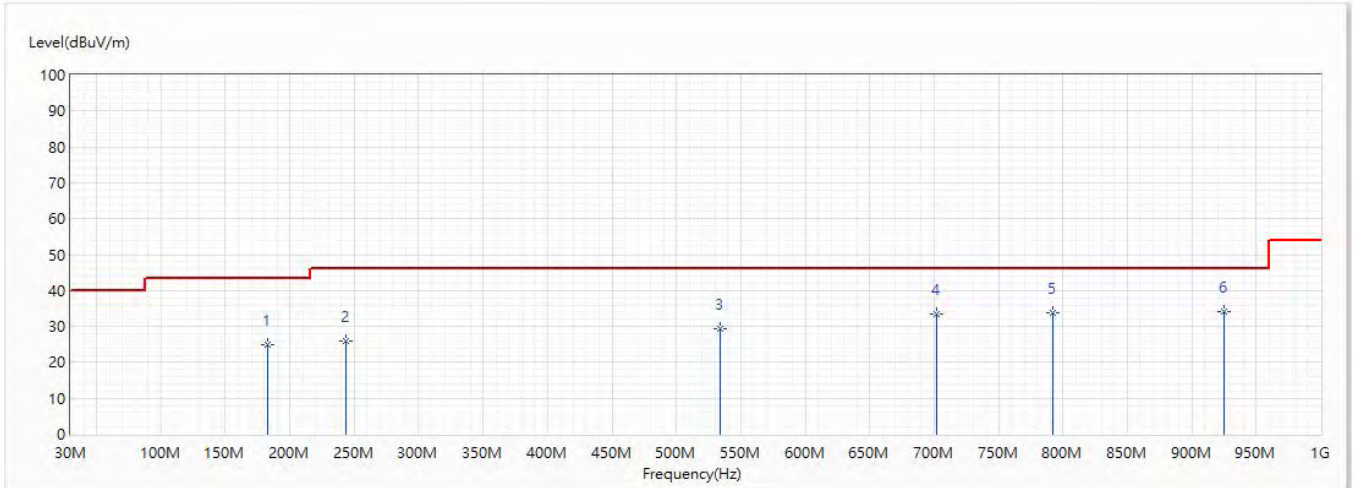


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	182.896	24.90	43.50	-18.60	29.64	-4.74	QP
2	244.006	25.78	46.00	-20.22	27.46	-1.68	QP
3	482.02	28.73	46.00	-17.27	24.39	4.34	QP
4	592.236	30.74	46.00	-15.26	24.86	5.88	QP
5	701.604	33.30	46.00	-12.70	26.24	7.06	QP
* 6	792.056	33.79	46.00	-12.21	25.58	8.21	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5220MHz	Humidity (%RH)	58.0

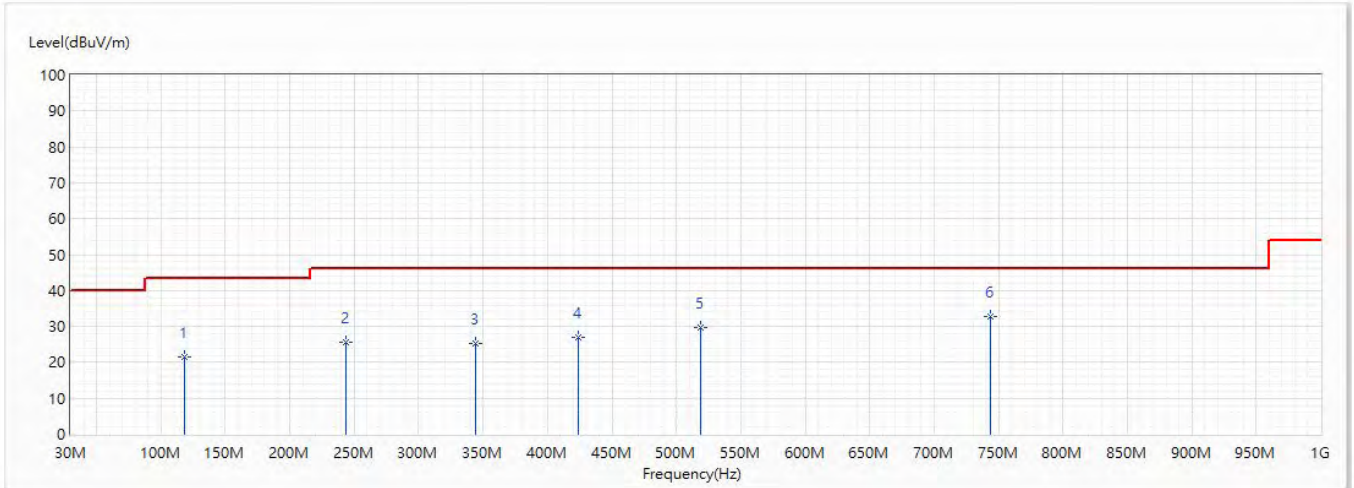


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	182.896	24.90	43.50	-18.60	29.64	-4.74	QP
2	244.006	25.78	46.00	-20.22	27.46	-1.68	QP
3	533.551	29.33	46.00	-16.67	24.22	5.11	QP
4	701.604	33.30	46.00	-12.70	26.24	7.06	QP
5	792.056	33.79	46.00	-12.21	25.58	8.21	QP
* 6	924.946	34.12	46.00	-11.88	24.19	9.93	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_40M_5190MHz	Humidity (%RH)	58.0



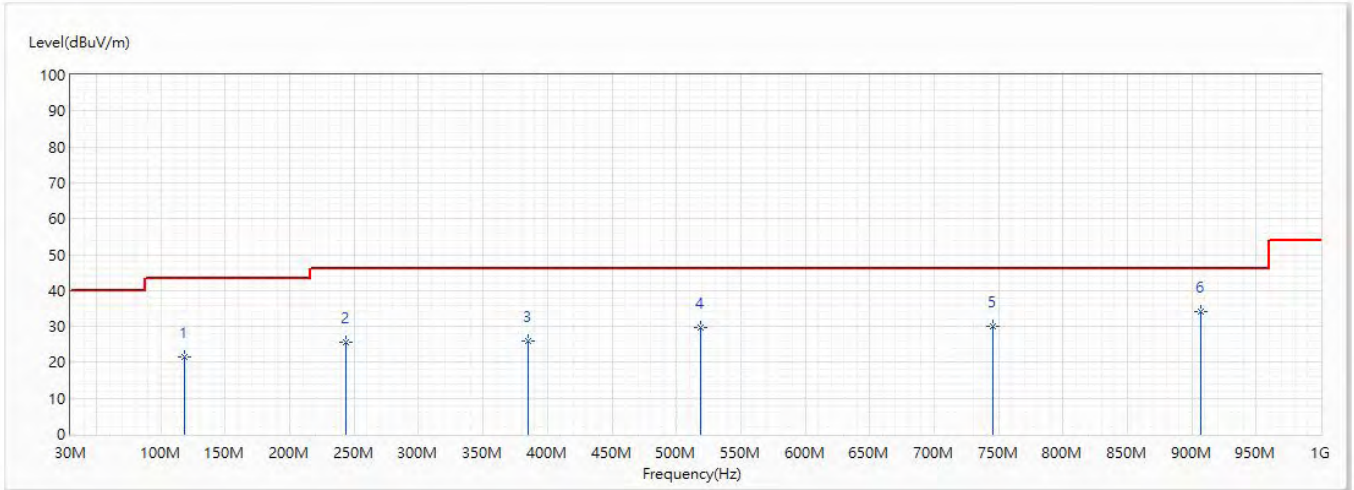
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	118.391	21.52	43.50	-21.98	23.51	-1.99	QP
2	244.006	25.55	46.00	-20.45	27.23	-1.68	QP
3	343.916	25.32	46.00	-20.68	24.29	1.03	QP
4	424.184	26.89	46.00	-19.11	23.59	3.30	QP
5	518.516	29.65	46.00	-16.35	24.73	4.92	QP
* 6	744.041	32.80	46.00	-13.20	25.20	7.60	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_40M_5190MHz	Humidity (%RH)	58.0

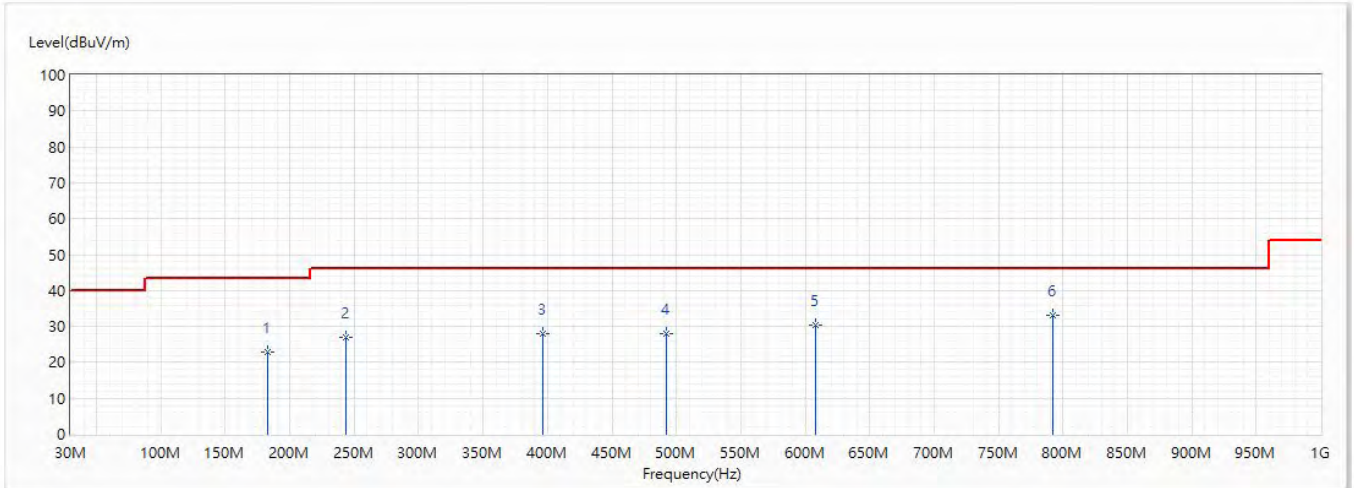


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	118.391	21.52	43.50	-21.98	23.51	-1.99	QP
2	244.006	25.55	46.00	-20.45	27.23	-1.68	QP
3	385.141	25.93	46.00	-20.07	23.56	2.37	QP
4	518.516	29.65	46.00	-16.35	24.73	4.92	QP
5	745.981	29.92	46.00	-16.08	22.29	7.63	QP
* 6	906.759	34.18	46.00	-11.82	24.52	9.66	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_80M_5210MHz	Humidity (%RH)	58.0

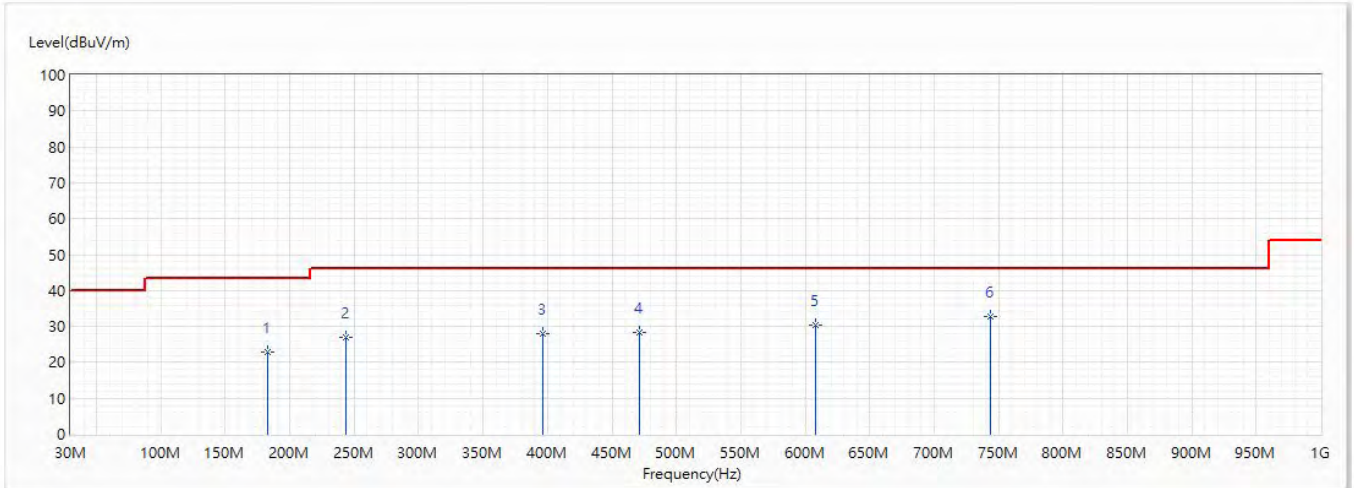


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	182.896	22.85	43.50	-20.65	27.59	-4.74	QP
2	244.006	26.97	46.00	-19.03	28.65	-1.68	QP
3	396.539	27.92	46.00	-18.08	25.18	2.74	QP
4	492.084	27.89	46.00	-18.11	23.36	4.53	QP
5	607.878	30.39	46.00	-15.61	24.32	6.07	QP
* 6	792.056	32.95	46.00	-13.05	24.74	8.21	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_80M_5210MHz	Humidity (%RH)	58.0



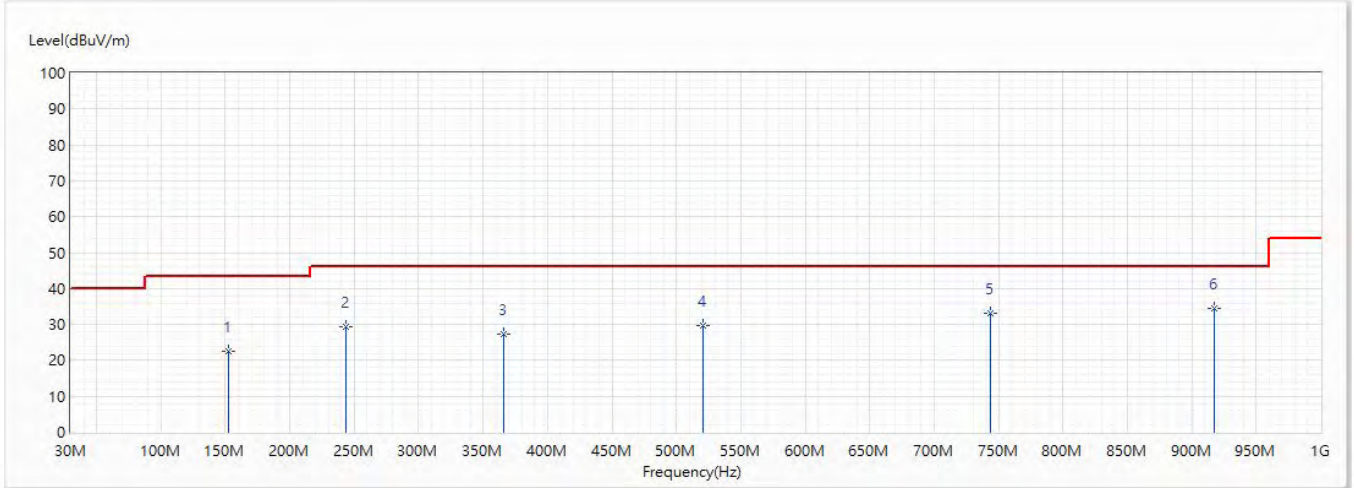
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	182.896	22.85	43.50	-20.65	27.59	-4.74	QP
2	244.006	26.97	46.00	-19.03	28.65	-1.68	QP
3	396.539	27.92	46.00	-18.08	25.18	2.74	QP
4	471.35	28.45	46.00	-17.55	24.31	4.14	QP
5	607.878	30.39	46.00	-15.61	24.32	6.07	QP
* 6	744.041	32.73	46.00	-13.27	25.13	7.60	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11a_5300MHz	Humidity (%RH)	58.0

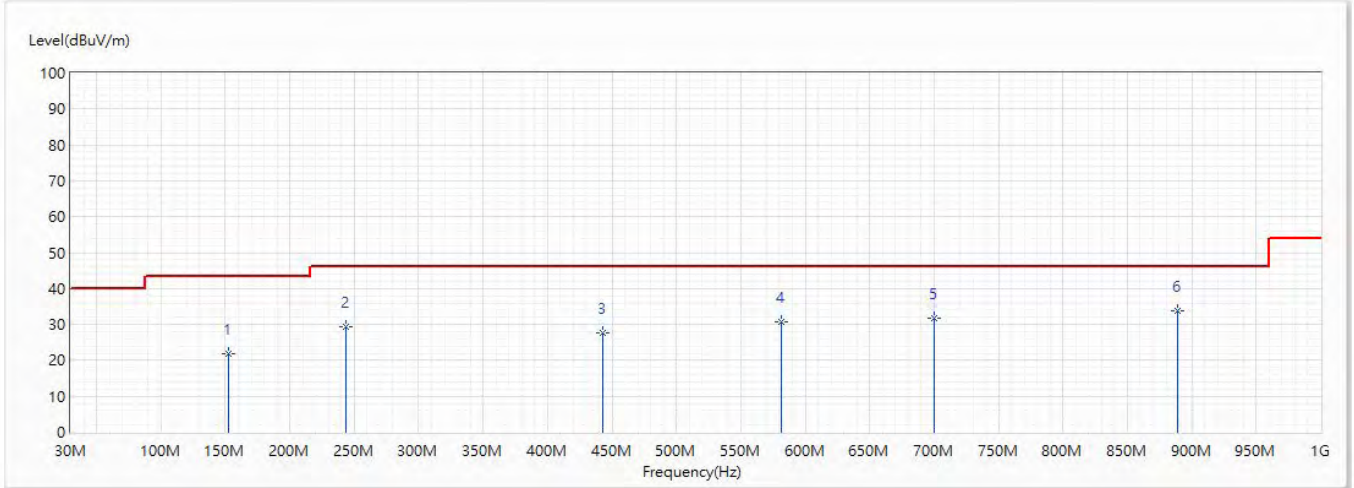


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	152.584	22.63	43.50	-20.87	25.68	-3.05	QP
2	244.006	29.43	46.00	-16.57	31.11	-1.68	QP
3	365.984	27.30	46.00	-18.70	25.55	1.75	QP
4	520.456	29.60	46.00	-16.40	24.67	4.93	QP
5	744.041	32.95	46.00	-13.05	25.35	7.60	QP
* 6	917.308	34.54	46.00	-11.46	24.73	9.81	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11a_5300MHz	Humidity (%RH)	58.0

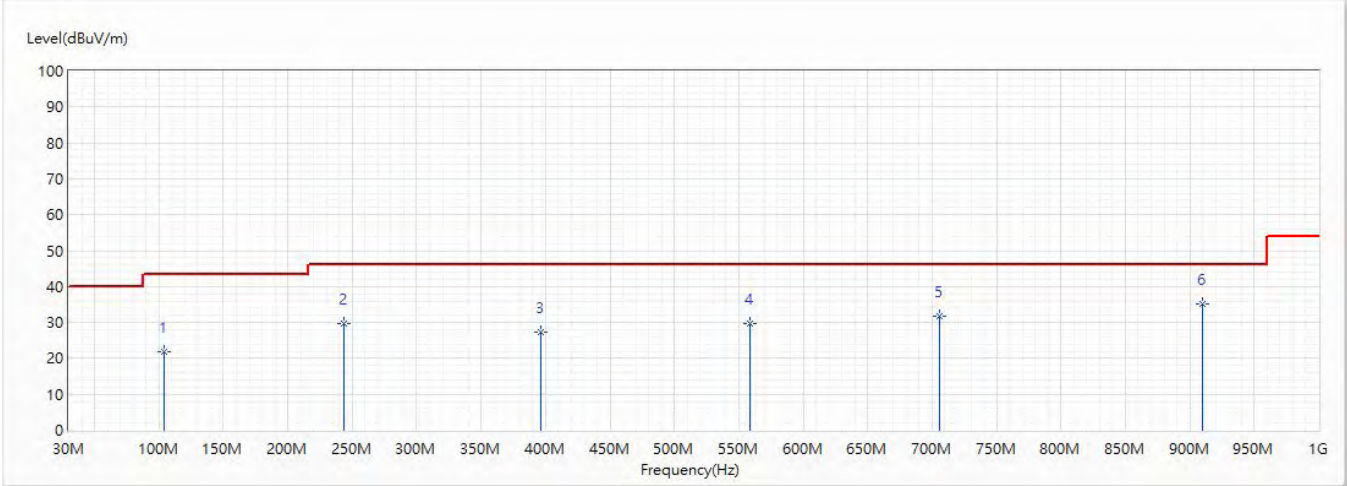


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	152.463	21.85	43.50	-21.65	24.88	-3.03	QP
2	244.006	29.31	46.00	-16.69	30.99	-1.68	QP
3	442.856	27.71	46.00	-18.29	24.07	3.64	QP
4	581.324	30.62	46.00	-15.38	24.88	5.74	QP
5	700.149	31.89	46.00	-14.11	24.85	7.04	QP
* 6	888.814	33.81	46.00	-12.19	24.38	9.43	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5300MHz	Humidity (%RH)	58.0

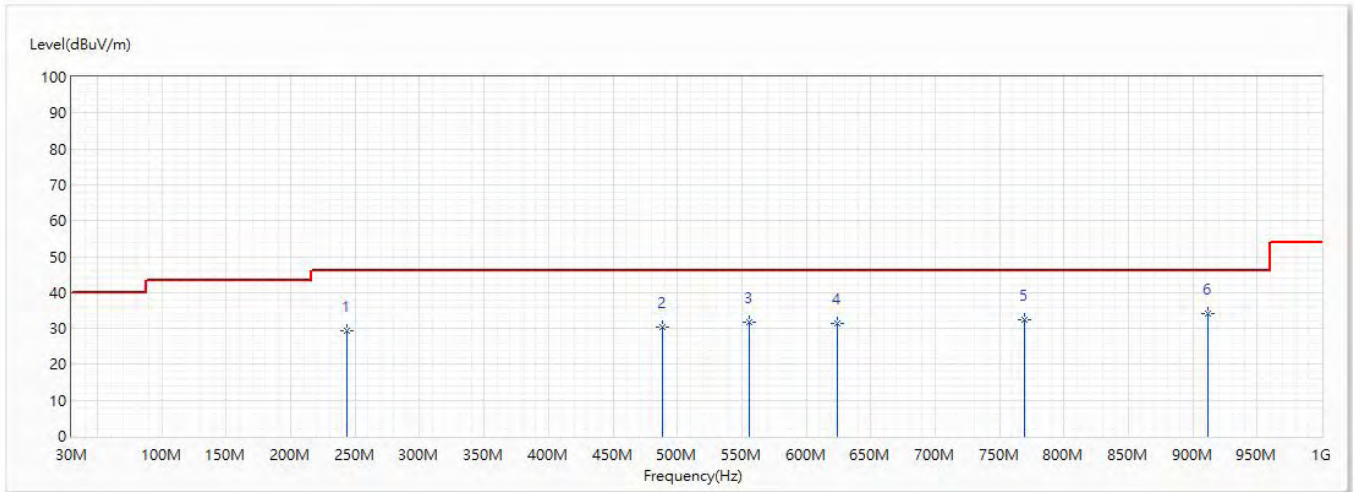


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	104.448	21.85	43.50	-21.65	25.16	-3.31	QP
2	244.006	29.57	46.00	-16.43	31.25	-1.68	QP
3	396.539	27.30	46.00	-18.70	24.56	2.74	QP
4	558.893	29.63	46.00	-16.37	24.19	5.44	QP
5	705.363	31.75	46.00	-14.25	24.64	7.11	QP
* 6	909.79	35.13	46.00	-10.87	25.41	9.72	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5300MHz	Humidity (%RH)	58.0

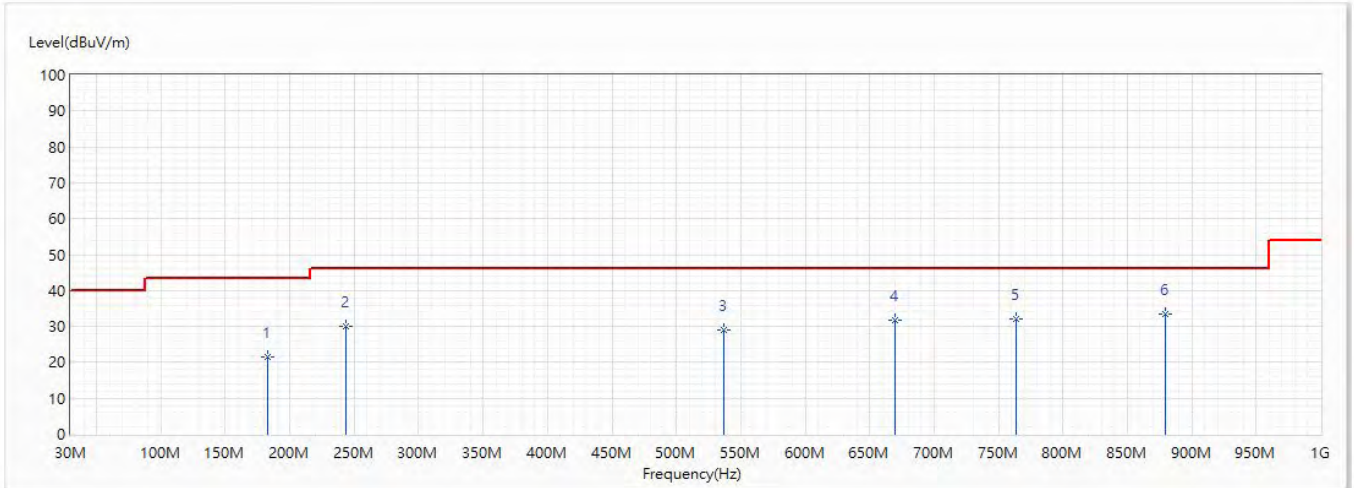


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	244.006	29.42	46.00	-16.58	31.10	-1.68	QP
2	487.961	30.39	46.00	-15.61	25.94	4.45	QP
3	555.619	31.67	46.00	-14.33	26.27	5.40	QP
4	624.368	31.44	46.00	-14.56	25.19	6.25	QP
5	769.383	32.39	46.00	-13.61	24.47	7.92	QP
* 6	911.366	34.08	46.00	-11.92	24.34	9.74	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_40M_5270MHz	Humidity (%RH)	58.0



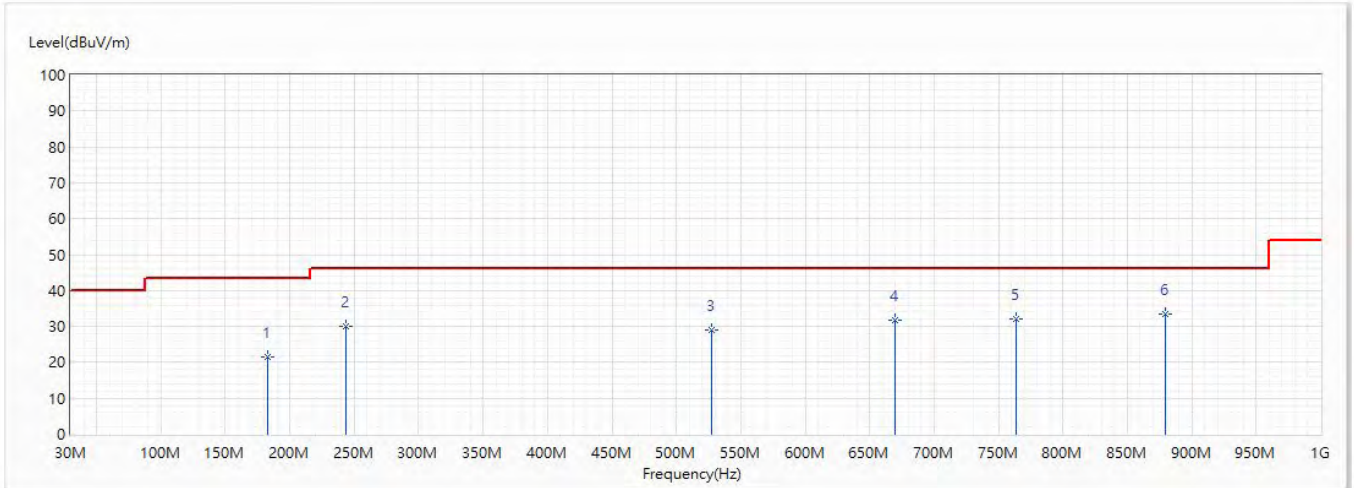
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	183.018	21.67	43.50	-21.83	26.41	-4.74	QP
2	244.006	30.03	46.00	-15.97	31.71	-1.68	QP
3	536.461	29.07	46.00	-16.93	23.91	5.16	QP
4	669.836	31.75	46.00	-14.25	25.03	6.72	QP
5	763.805	32.11	46.00	-13.89	24.27	7.84	QP
* 6	879.841	33.53	46.00	-12.47	24.23	9.30	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_40M_5270MHz	Humidity (%RH)	58.0

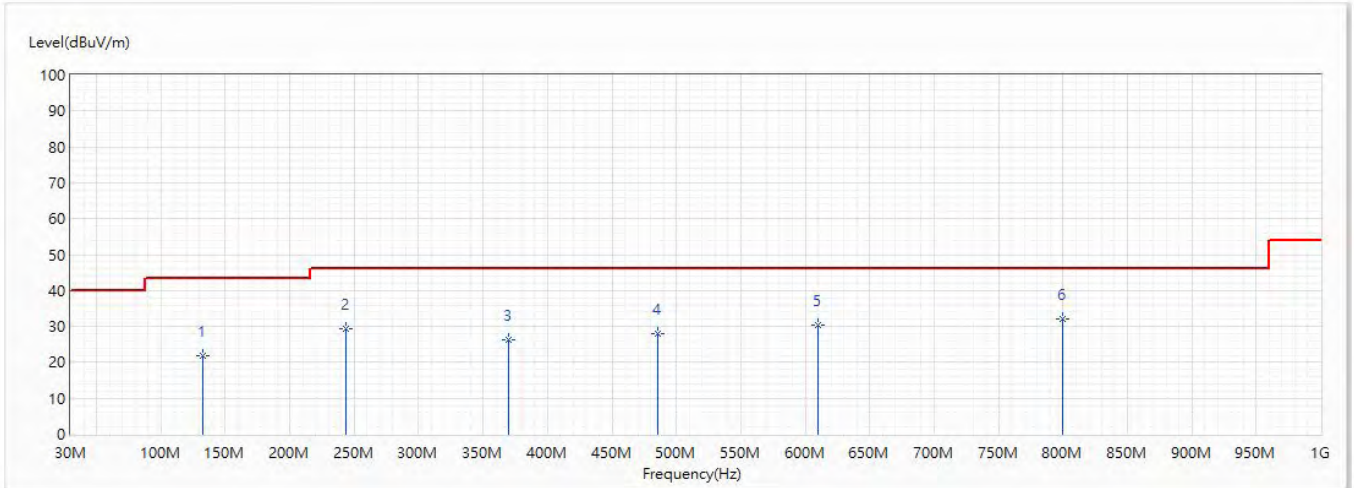


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	183.018	21.67	43.50	-21.83	26.41	-4.74	QP
2	244.006	30.03	46.00	-15.97	31.71	-1.68	QP
3	527.368	29.16	46.00	-16.84	24.12	5.04	QP
4	669.836	31.75	46.00	-14.25	25.03	6.72	QP
5	763.805	32.11	46.00	-13.89	24.27	7.84	QP
* 6	879.841	33.53	46.00	-12.47	24.23	9.30	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_80M_5290MHz	Humidity (%RH)	58.0

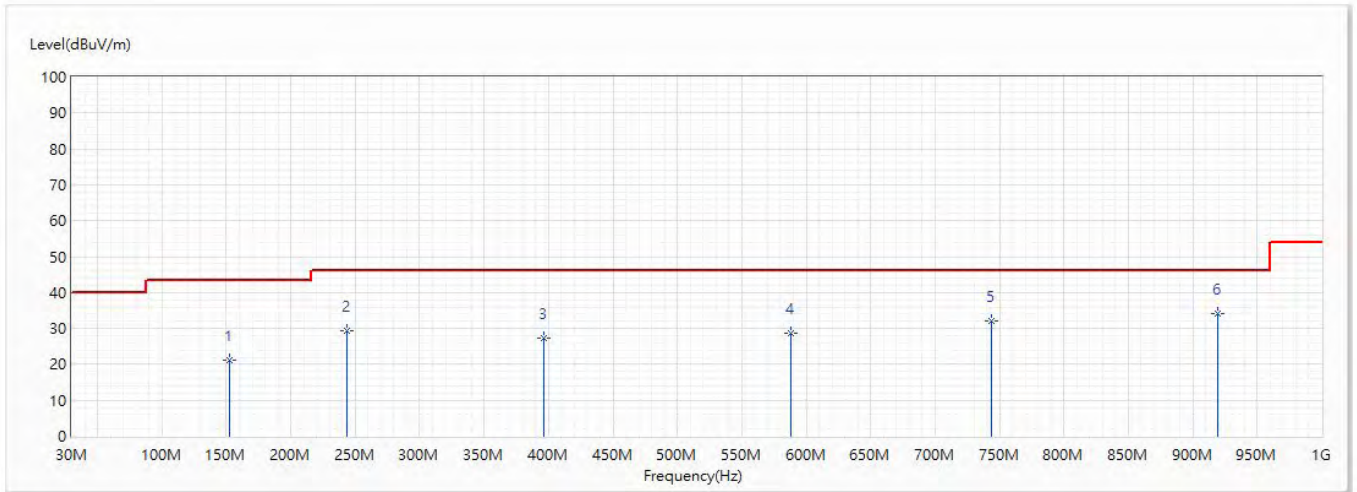


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	132.456	21.96	43.50	-21.54	24.04	-2.08	QP
2	244.006	29.38	46.00	-16.62	31.06	-1.68	QP
3	370.228	26.26	46.00	-19.74	24.37	1.89	QP
4	485.415	27.94	46.00	-18.06	23.53	4.41	QP
5	609.454	30.31	46.00	-15.69	24.23	6.08	QP
* 6	799.453	32.03	46.00	-13.97	23.74	8.29	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_80M_5290MHz	Humidity (%RH)	58.0



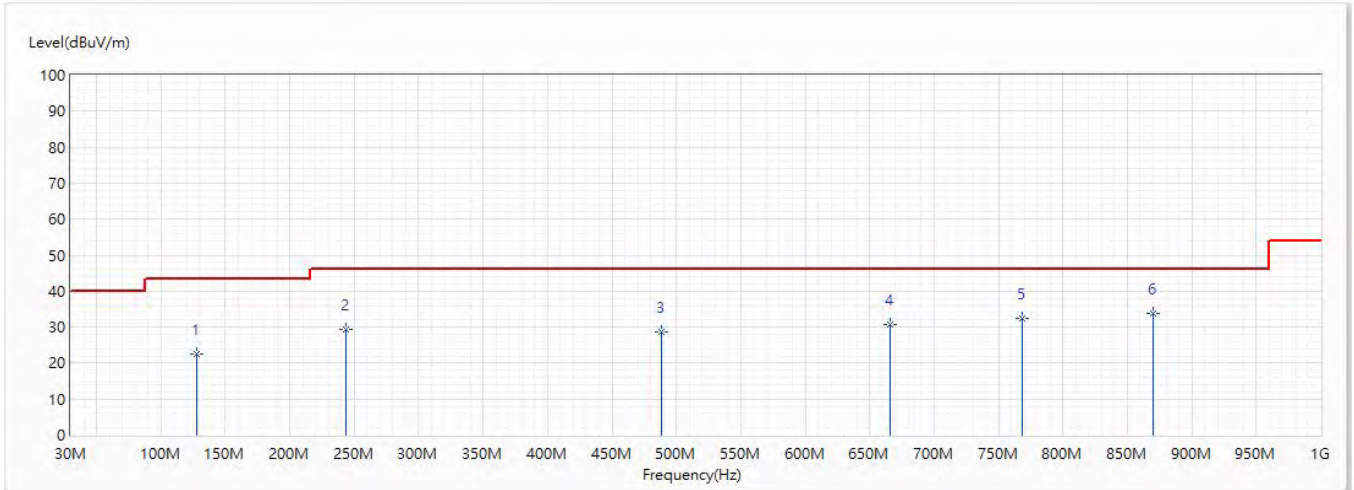
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	152.584	21.15	43.50	-22.35	24.20	-3.05	QP
2	244.006	29.38	46.00	-16.62	31.06	-1.68	QP
3	396.539	27.25	46.00	-18.75	24.51	2.74	QP
4	587.993	28.60	46.00	-17.40	22.77	5.83	QP
5	744.041	32.11	46.00	-13.89	24.51	7.60	QP
* 6	919.248	34.01	46.00	-11.99	24.17	9.84	QP

Note:

1. All Reading Levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst emission level.
3. Emission Level = Reading Level + Correct Factor
4. The Emission under 30MHz were not included is because their levels are low than 20dB from Limit.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11a_5580MHz	Humidity (%RH)	58.0

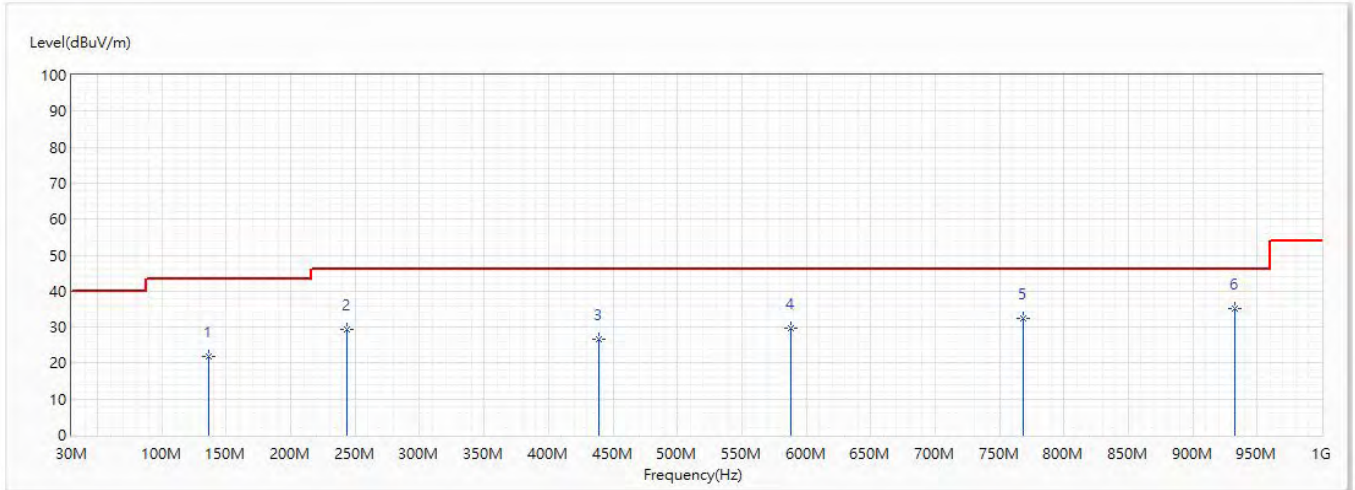


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	127.485	22.43	43.50	-21.07	24.38	-1.95	QP
2	244.006	29.47	46.00	-16.53	31.15	-1.68	QP
3	488.568	28.76	46.00	-17.24	24.30	4.46	QP
4	666.199	30.70	46.00	-15.30	24.02	6.68	QP
5	768.049	32.43	46.00	-13.57	24.53	7.90	QP
* 6	869.778	33.85	46.00	-12.15	24.69	9.16	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11a_5580MHz	Humidity (%RH)	58.0

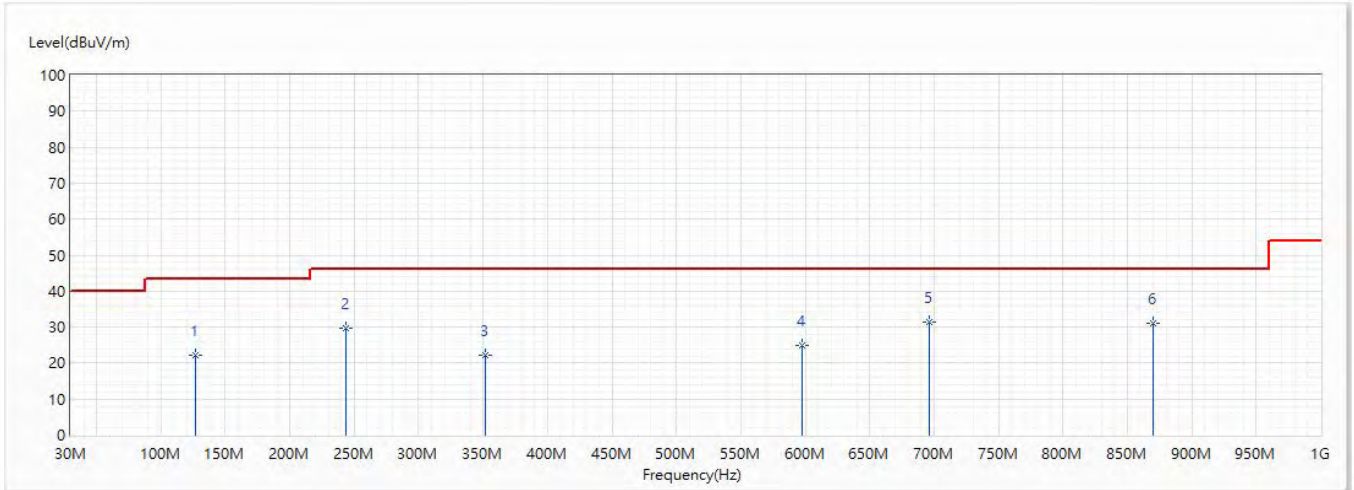


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	135.851	21.77	43.50	-21.73	23.94	-2.17	QP
2	244.006	29.47	46.00	-16.53	31.15	-1.68	QP
3	438.734	26.71	46.00	-19.29	23.14	3.57	QP
4	588.114	29.57	46.00	-16.43	23.74	5.83	QP
5	768.049	32.43	46.00	-13.57	24.53	7.90	QP
* 6	932.343	35.17	46.00	-10.83	25.11	10.06	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5580MHz	Humidity (%RH)	58.0

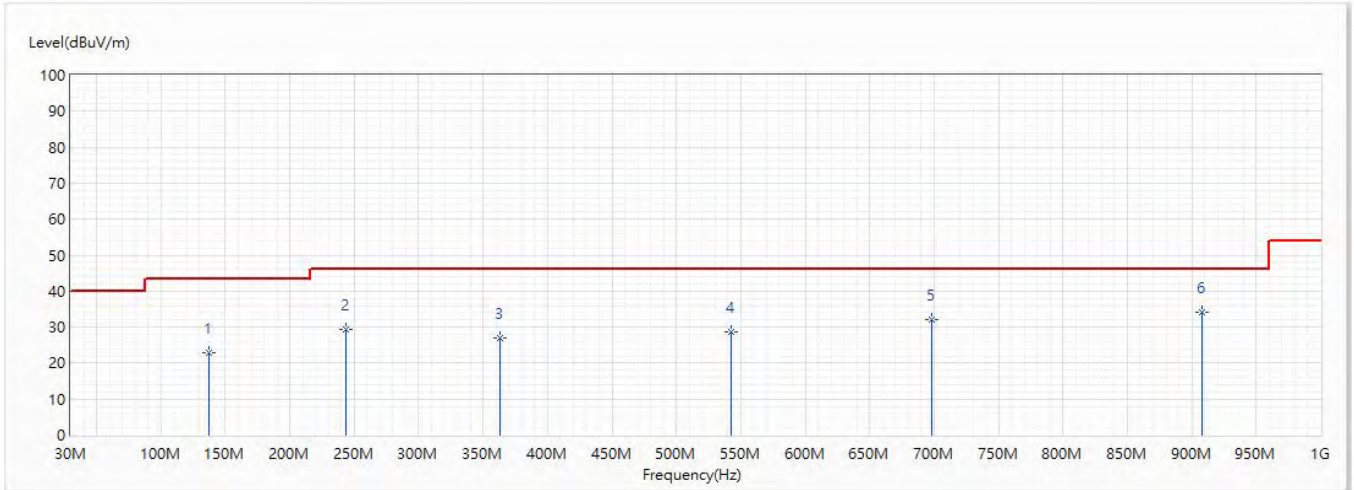


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	126.515	22.29	43.50	-21.21	24.22	-1.93	QP
2	244.006	29.79	46.00	-16.21	31.47	-1.68	QP
3	351.676	22.17	46.00	-23.83	20.88	1.29	QP
4	597.329	24.95	46.00	-21.05	19.00	5.95	QP
* 5	696.026	31.49	46.00	-14.51	24.48	7.01	QP
6	869.778	30.89	46.00	-15.11	21.73	9.16	QP

Note:

1. All reading levels is Quasi-Peak value.
2. " \* ", means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5580MHz	Humidity (%RH)	58.0

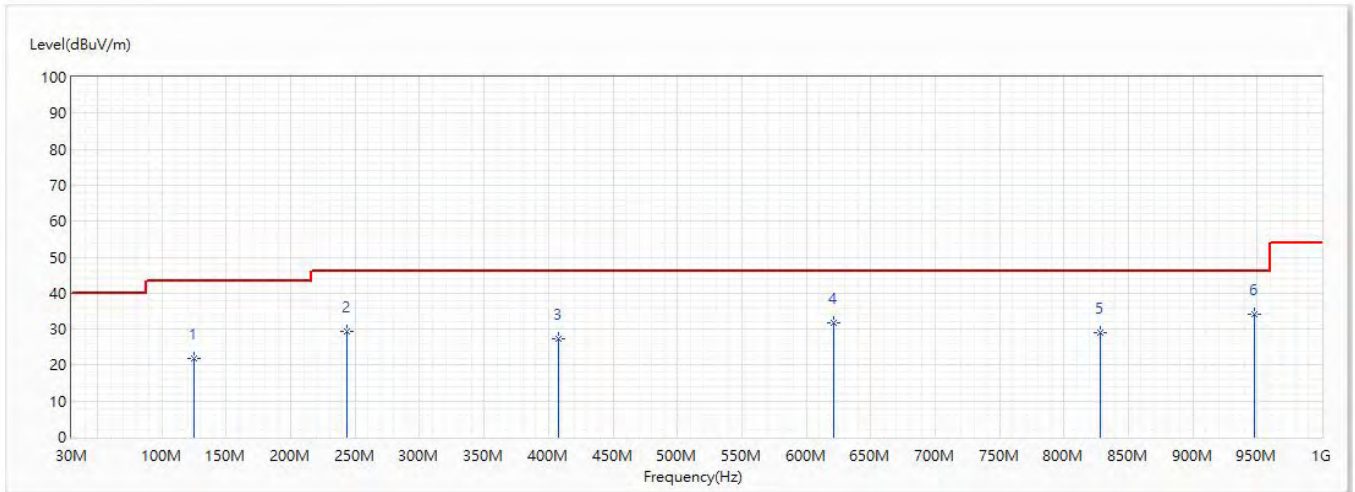


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	137.185	22.72	43.50	-20.78	24.93	-2.21	QP
2	244.006	29.35	46.00	-16.65	31.03	-1.68	QP
3	363.074	26.80	46.00	-19.20	25.15	1.65	QP
4	542.403	28.61	46.00	-17.39	23.39	5.22	QP
5	697.724	31.93	46.00	-14.07	24.90	7.03	QP
* 6	908.335	34.28	46.00	-11.72	24.58	9.70	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_40M_5550MHz	Humidity (%RH)	58.0



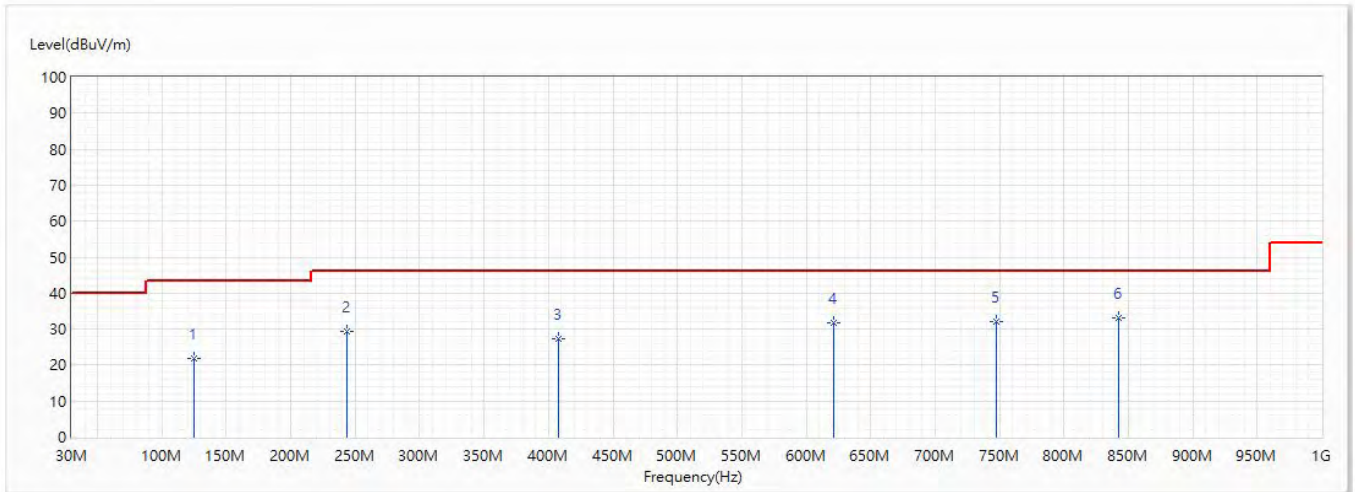
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	124.696	21.98	43.50	-21.52	23.87	-1.89	QP
2	244.006	29.32	46.00	-16.68	31.00	-1.68	QP
3	408.058	27.35	46.00	-18.65	24.35	3.00	QP
4	621.7	31.73	46.00	-14.27	25.51	6.22	QP
5	828.31	29.04	46.00	-16.96	20.40	8.64	QP
* 6	947.378	34.10	46.00	-11.90	23.80	10.30	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_40M_5550MHz	Humidity (%RH)	58.0

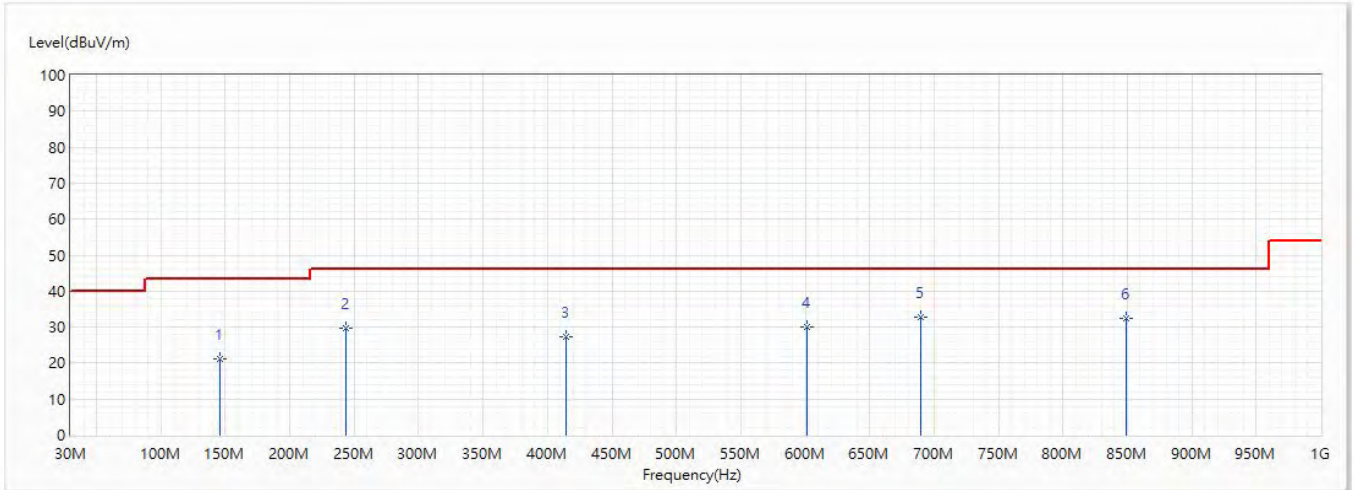


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	124.696	21.98	43.50	-21.52	23.87	-1.89	QP
2	244.006	29.32	46.00	-16.68	31.00	-1.68	QP
3	408.058	27.35	46.00	-18.65	24.35	3.00	QP
4	621.7	31.73	46.00	-14.27	25.51	6.22	QP
5	747.073	32.00	46.00	-14.00	24.36	7.64	QP
* 6	842.86	33.10	46.00	-12.90	24.26	8.84	QP

Note:

1. All reading levels is Quasi-Peak value.
2. " \* ", means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_80M_5530MHz	Humidity (%RH)	58.0

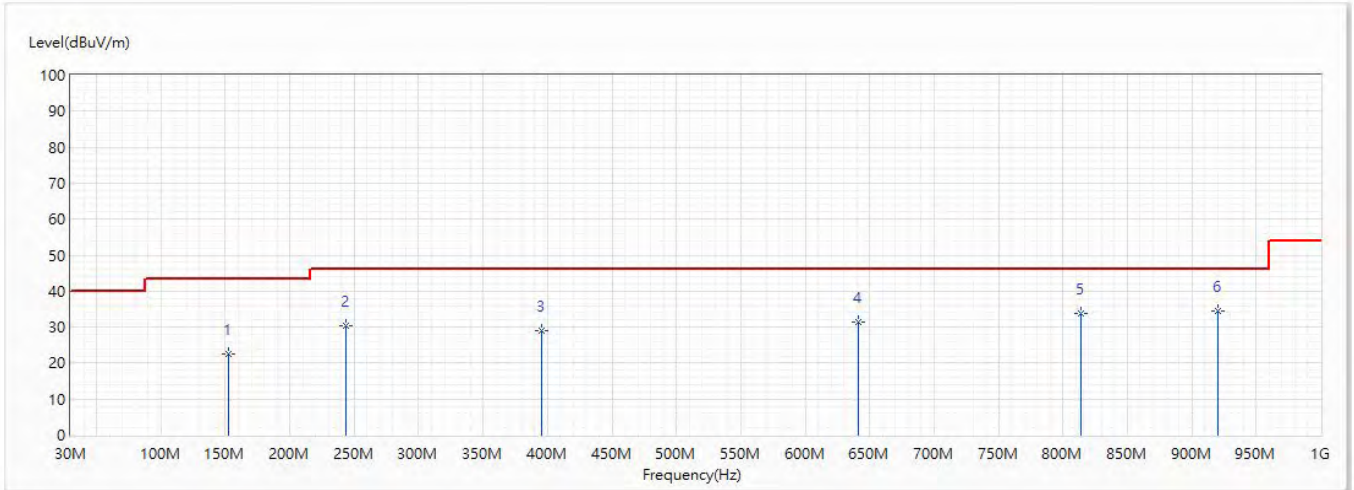


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	146.158	21.07	43.50	-22.43	23.72	-2.65	QP
2	244.006	29.67	46.00	-16.33	31.35	-1.68	QP
3	414.484	27.14	46.00	-18.86	24.03	3.11	QP
4	601.33	30.17	46.00	-15.83	24.18	5.99	QP
* 5	689.479	32.71	46.00	-13.29	25.76	6.95	QP
6	849.529	32.49	46.00	-13.51	23.56	8.93	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_80M_5530MHz	Humidity (%RH)	58.0



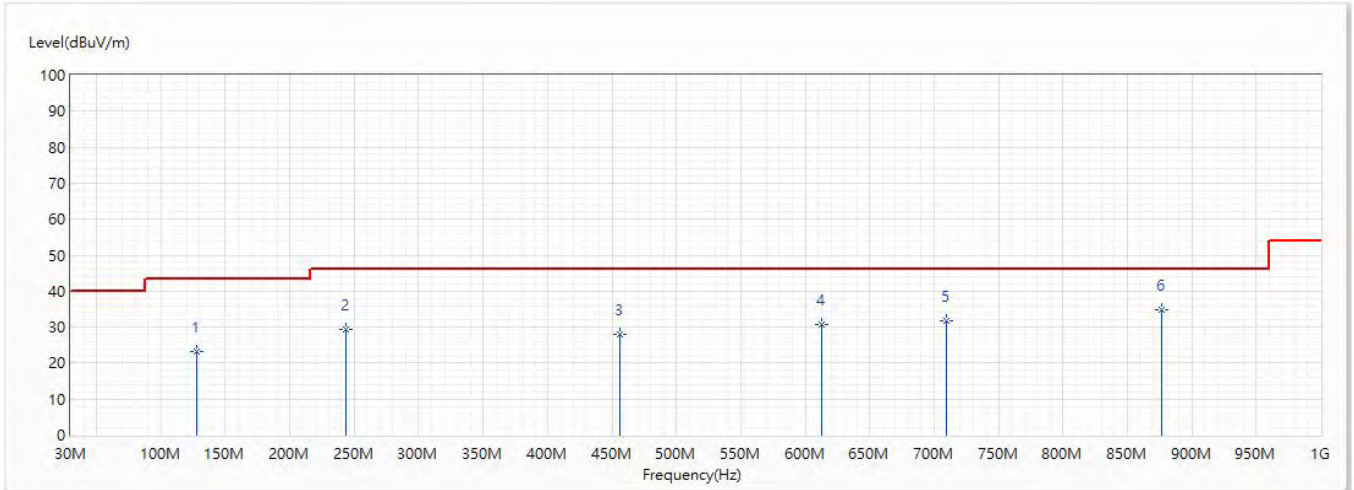
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	152.584	22.51	43.50	-20.99	25.56	-3.05	QP
2	244.006	30.32	46.00	-15.68	32.00	-1.68	QP
3	395.69	28.93	46.00	-17.07	26.21	2.72	QP
4	641.343	31.39	46.00	-14.61	24.99	6.40	QP
5	813.639	33.65	46.00	-12.35	25.19	8.46	QP
* 6	920.46	34.39	46.00	-11.61	24.53	9.86	QP

Note:

1. All reading levels is Quasi-Peak value.
2. " \* ", means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11a_5785MHz	Humidity (%RH)	58.0

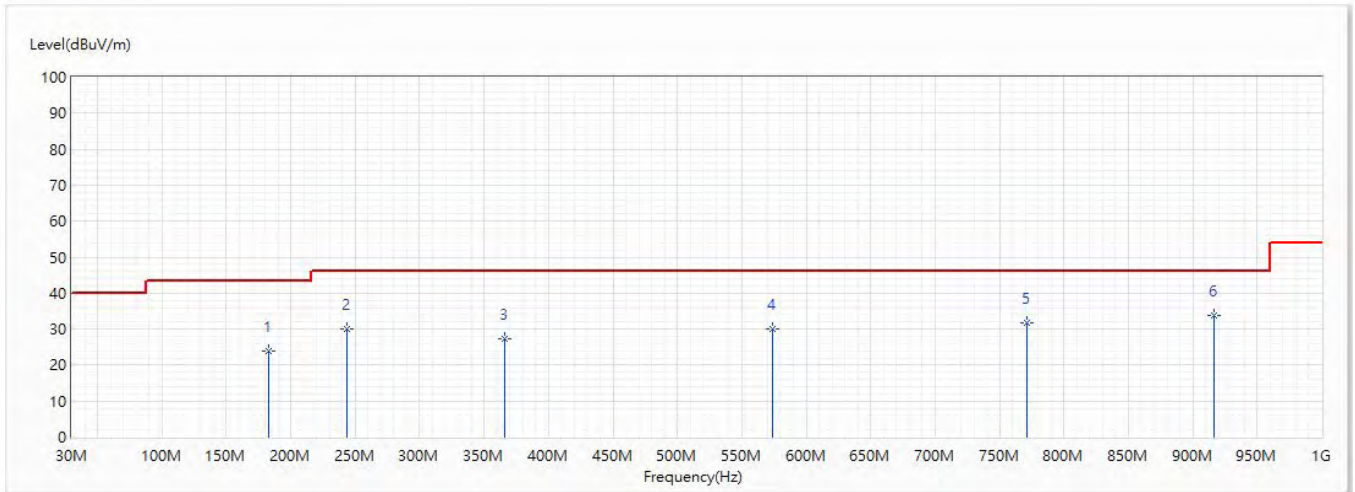


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	127.849	23.08	43.50	-20.42	25.06	-1.98	QP
2	244.006	29.46	46.00	-16.54	31.14	-1.68	QP
3	455.709	28.01	46.00	-17.99	24.13	3.88	QP
4	612.485	30.62	46.00	-15.38	24.52	6.10	QP
5	709.485	31.90	46.00	-14.10	24.74	7.16	QP
* 6	876.568	34.96	46.00	-11.04	25.70	9.26	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11a_5785MHz	Humidity (%RH)	58.0

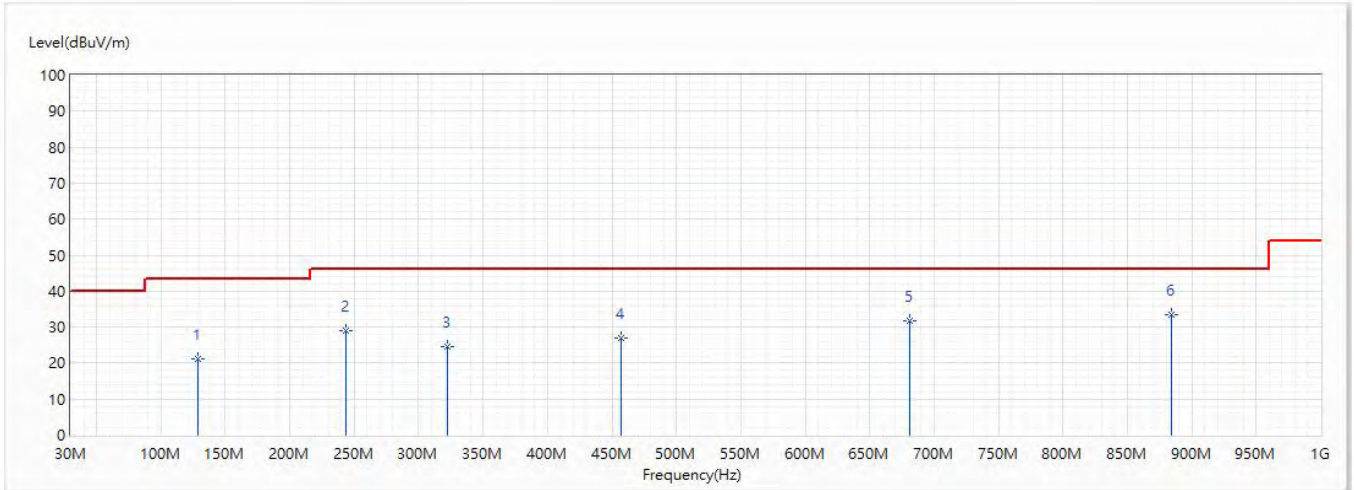


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	183.018	23.78	43.50	-19.72	28.52	-4.74	QP
2	244.006	29.88	46.00	-16.12	31.56	-1.68	QP
3	365.984	27.16	46.00	-18.84	25.41	1.75	QP
4	574.17	30.03	46.00	-15.97	24.38	5.65	QP
5	771.201	31.91	46.00	-14.09	23.97	7.94	QP
* 6	916.216	33.79	46.00	-12.21	24.00	9.79	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5785MHz	Humidity (%RH)	58.0

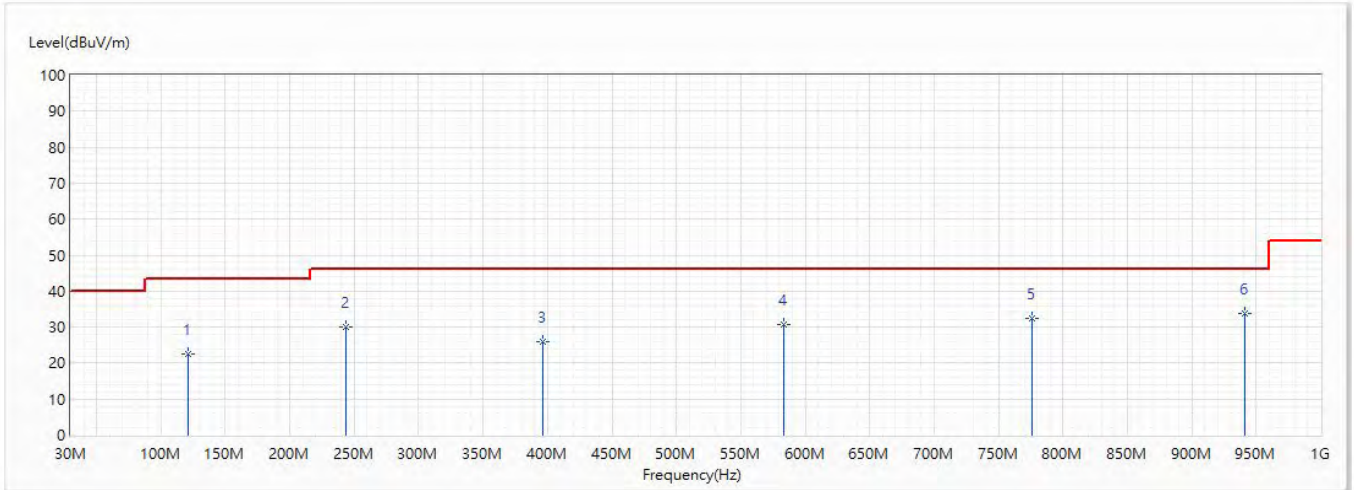


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	128.94	21.12	43.50	-22.38	23.12	-2.00	QP
2	244.006	29.10	46.00	-16.90	30.78	-1.68	QP
3	322.455	24.52	46.00	-21.48	24.22	0.30	QP
4	457.285	26.99	46.00	-19.01	23.08	3.91	QP
5	681.476	31.85	46.00	-14.15	25.00	6.85	QP
* 6	884.449	33.40	46.00	-12.60	24.04	9.36	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5785MHz	Humidity (%RH)	58.0

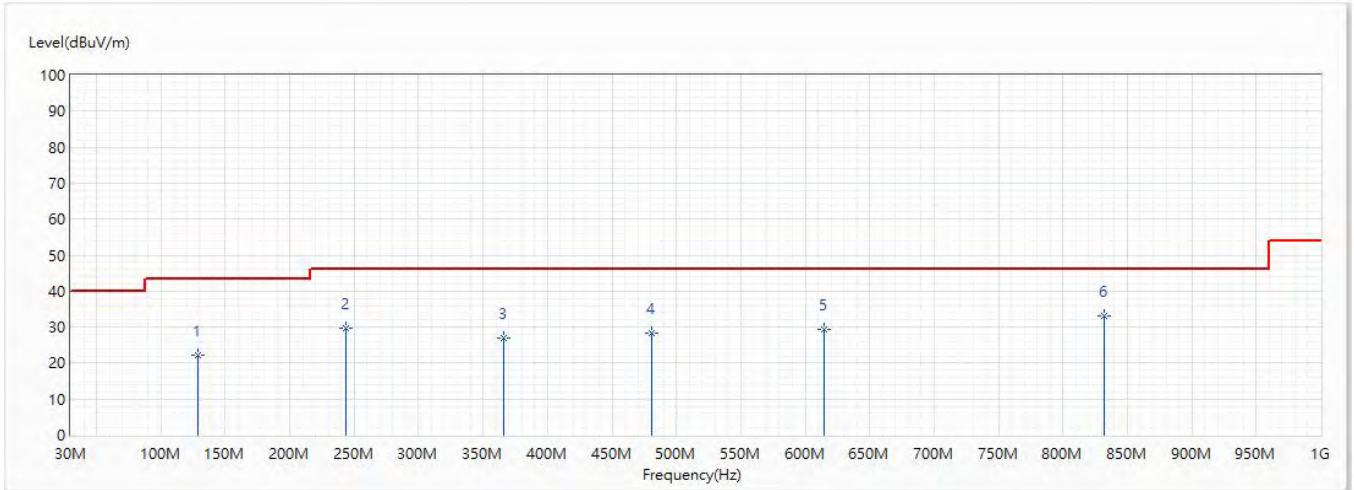


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	121.301	22.56	43.50	-20.94	24.42	-1.86	QP
2	244.006	29.87	46.00	-16.13	31.55	-1.68	QP
3	396.418	25.96	46.00	-20.04	23.22	2.74	QP
4	583.506	30.75	46.00	-15.25	24.98	5.77	QP
5	775.688	32.38	46.00	-13.62	24.37	8.01	QP
* 6	941.558	33.79	46.00	-12.21	23.58	10.21	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_40M_5755MHz	Humidity (%RH)	58.0



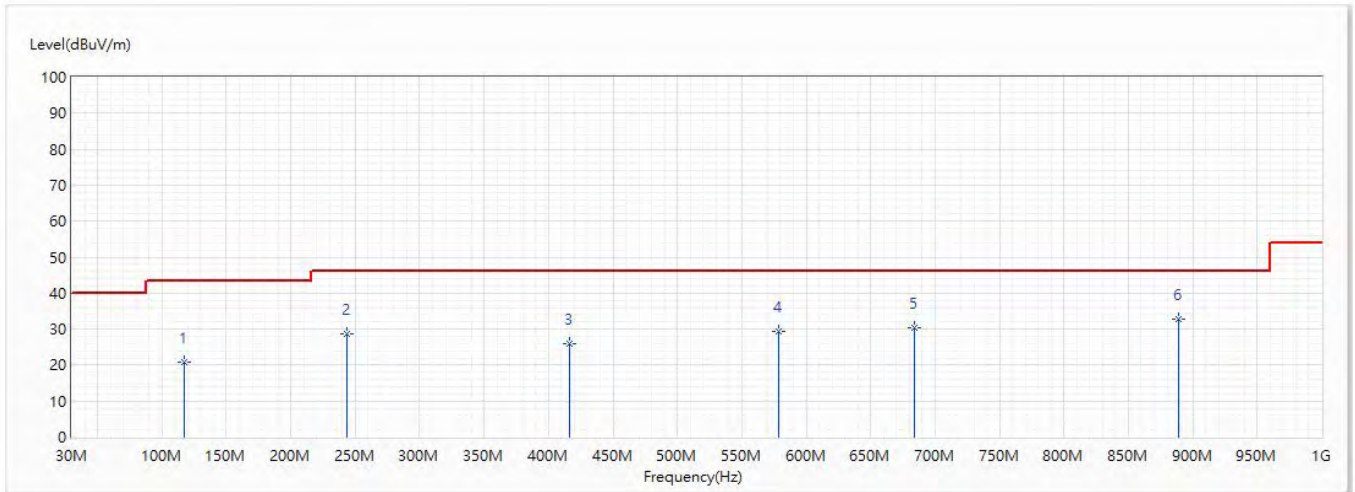
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	129.061	22.27	43.50	-21.23	24.27	-2.00	QP
2	244.006	29.58	46.00	-16.42	31.26	-1.68	QP
3	365.984	27.01	46.00	-18.99	25.26	1.75	QP
4	480.444	28.17	46.00	-17.83	23.86	4.31	QP
5	614.668	29.27	46.00	-16.73	23.13	6.14	QP
* 6	832.19	33.18	46.00	-12.82	24.48	8.70	QP

Note:

1. All reading levels is Quasi-Peak value.
2. " \* ", means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_40M_5755MHz	Humidity (%RH)	58.0

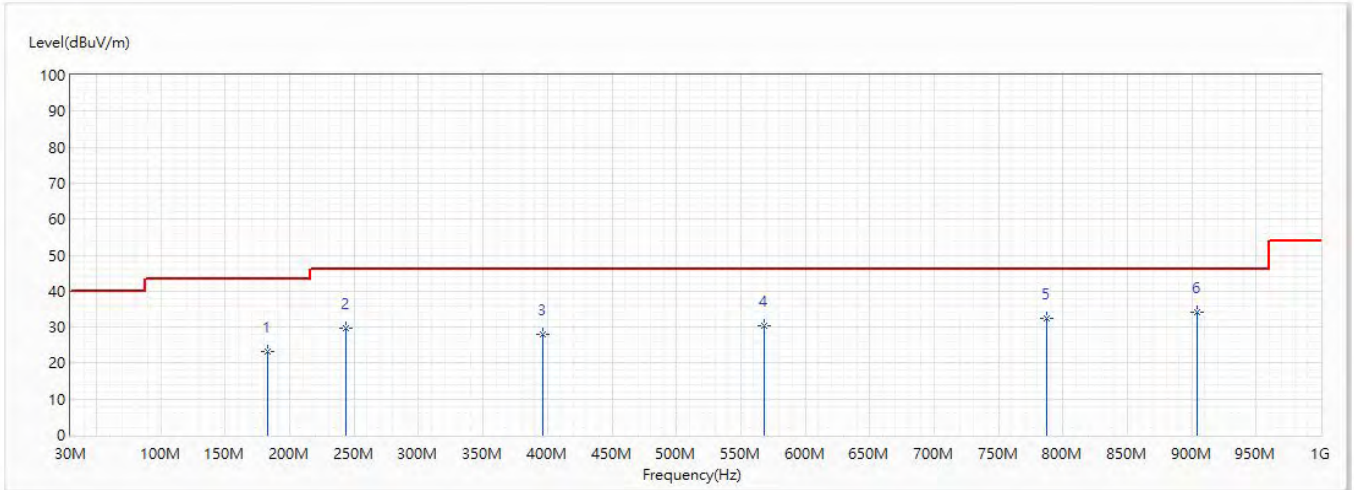


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	117.543	20.77	43.50	-22.73	22.80	-2.03	QP
2	244.006	28.72	46.00	-17.28	30.40	-1.68	QP
3	415.939	26.07	46.00	-19.93	22.92	3.15	QP
4	578.414	29.32	46.00	-16.68	23.61	5.71	QP
5	684.265	30.46	46.00	-15.54	23.57	6.89	QP
* 6	888.571	32.60	46.00	-13.40	23.18	9.42	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_80M_5775MHz	Humidity (%RH)	58.0

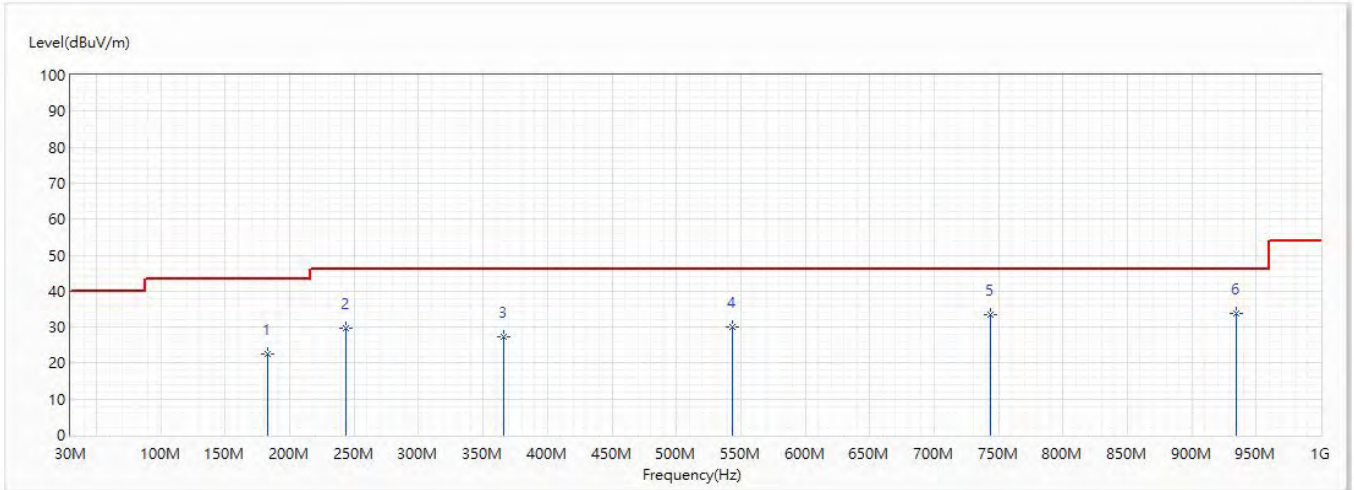


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	183.018	23.18	43.50	-20.32	27.92	-4.74	QP
2	244.006	29.79	46.00	-16.21	31.47	-1.68	QP
3	396.539	28.13	46.00	-17.87	25.39	2.74	QP
4	567.744	30.44	46.00	-15.56	24.88	5.56	QP
5	787.449	32.58	46.00	-13.42	24.42	8.16	QP
* 6	904.091	33.99	46.00	-12.01	24.37	9.62	QP

Note:

1. All reading levels is Quasi-Peak value.
2. " \* ", means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/10
Test Mode	Mode 1: Transmit Mode	Engineer	Rueyyan
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_80M_5775MHz	Humidity (%RH)	58.0



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	183.018	22.69	43.50	-20.81	27.43	-4.74	QP
2	244.006	29.67	46.00	-16.33	31.35	-1.68	QP
3	365.984	27.24	46.00	-18.76	25.49	1.75	QP
4	543.373	30.19	46.00	-15.81	24.95	5.24	QP
5	744.041	33.34	46.00	-12.66	25.74	7.60	QP
* 6	934.404	33.80	46.00	-12.20	23.71	10.09	QP

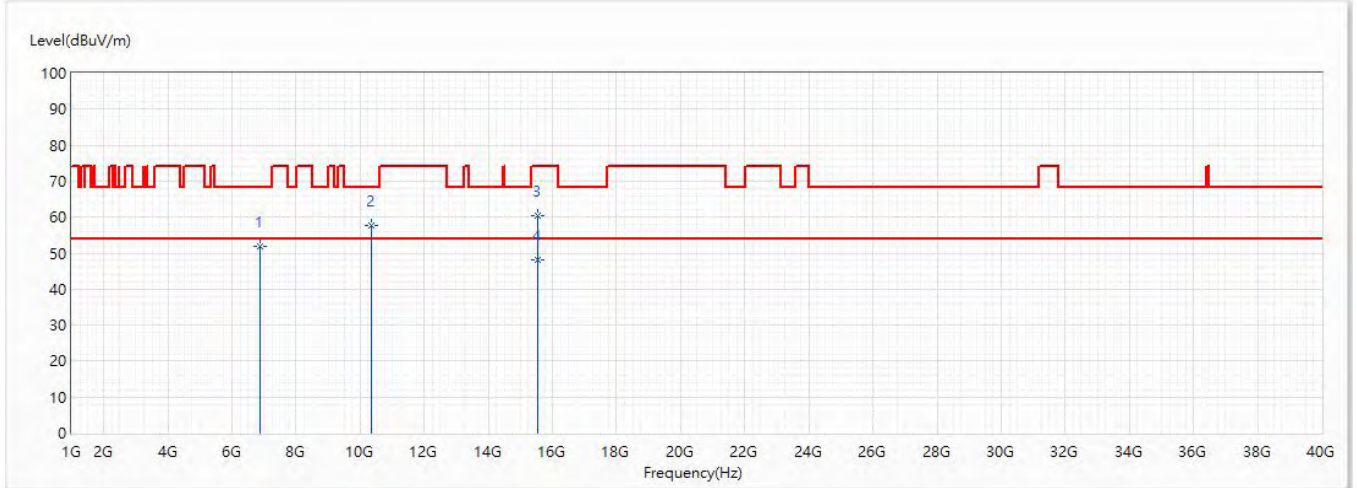
Note:

1. All reading levels is Quasi-Peak value.
2. “ \* ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.



**Harmonic & Spurious:**

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11a_5180MHz	Humidity (%RH)	58.0

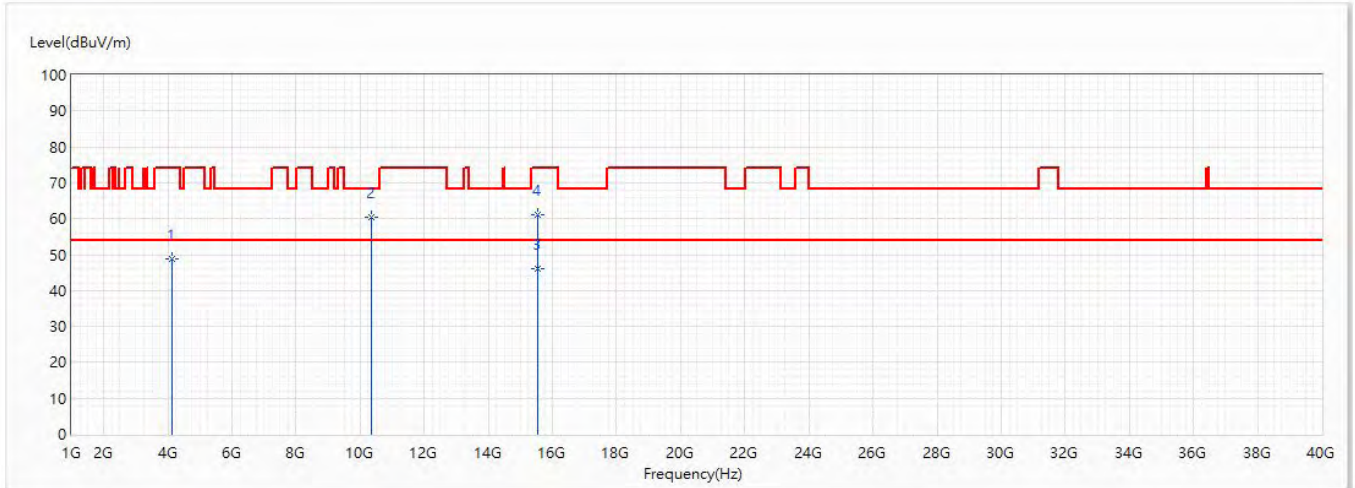


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6873.2	51.97	68.20	-16.23	56.49	-4.52	PK
2	10360	57.83	68.20	-10.37	55.05	2.78	PK
3	15540	60.31	74.00	-13.69	53.16	7.15	PK
* 4	15540	48.10	54.00	-5.90	40.95	7.15	AV

**Note:**

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11a_5180MHz	Humidity (%RH)	58.0

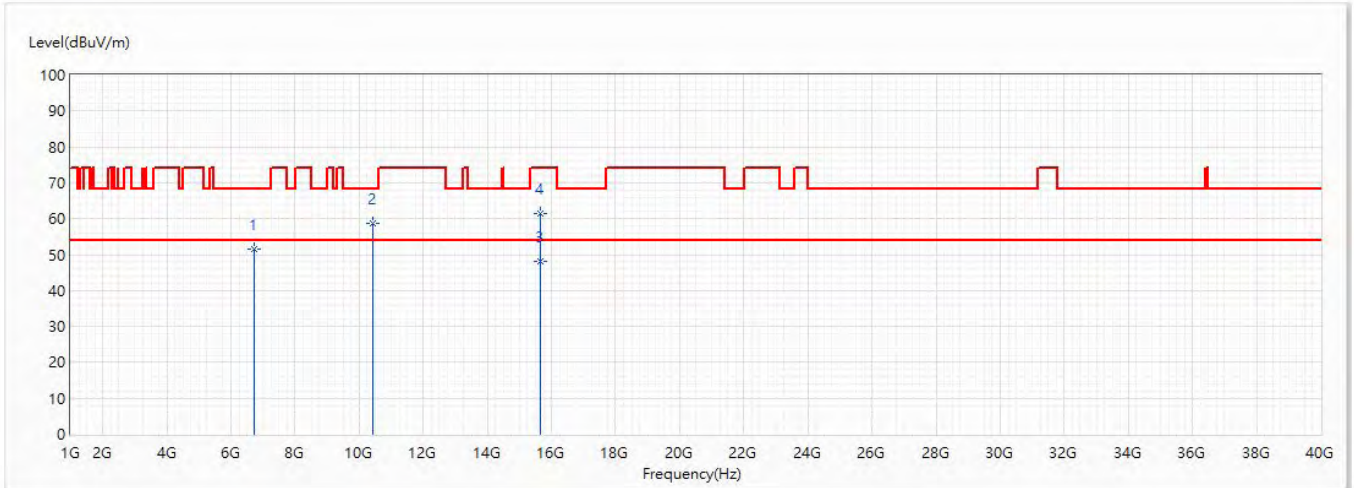


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4144	48.69	74.00	-25.31	62.99	-14.30	PK
* 2	10360	60.35	68.20	-7.85	57.57	2.78	PK
3	15540	46.15	54.00	-7.85	39.00	7.15	AV
4	15540	61.19	74.00	-12.81	54.04	7.15	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11a_5220MHz	Humidity (%RH)	58.0

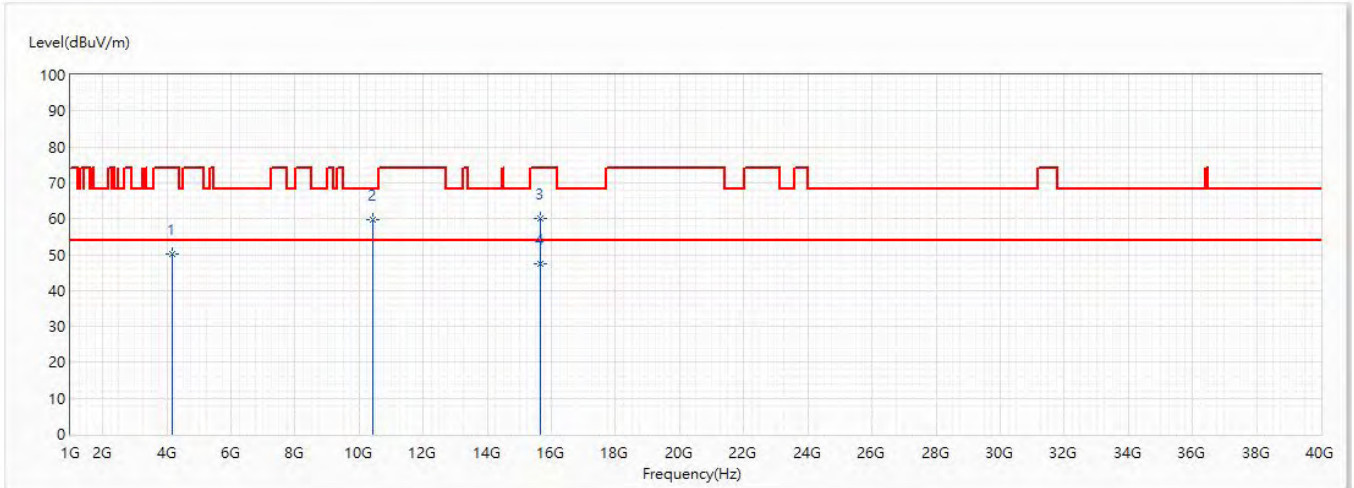


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6715.7	51.45	68.20	-16.75	56.57	-5.12	PK
2	10440	58.76	68.20	-9.44	55.69	3.07	PK
* 3	15660	48.09	54.00	-5.91	41.24	6.85	AV
4	15660	61.37	74.00	-12.63	54.52	6.85	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11a_5220MHz	Humidity (%RH)	58.0

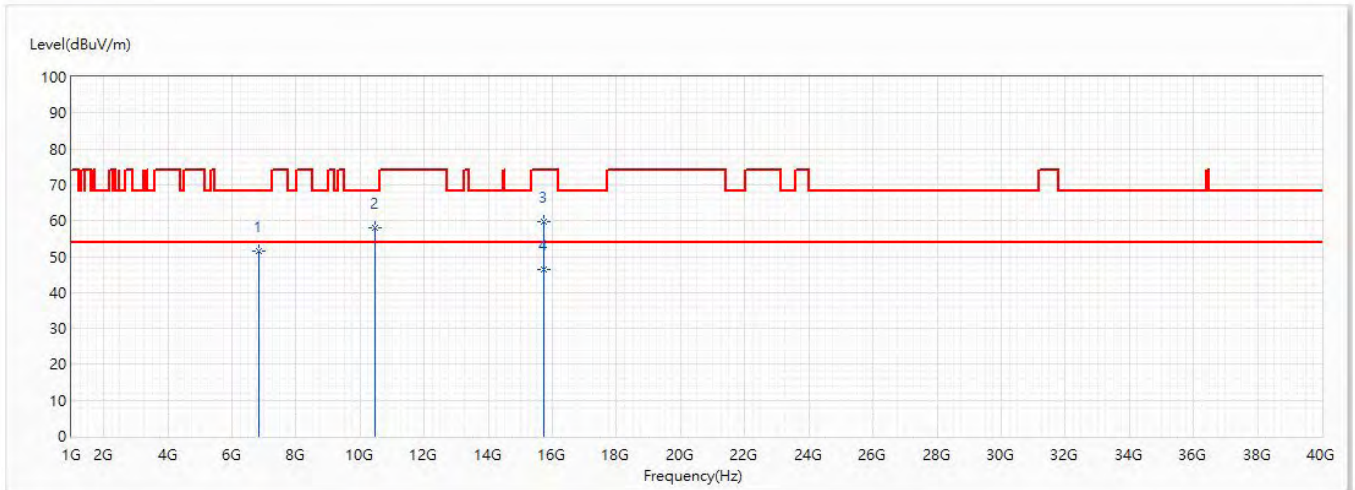


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4176.6	50.34	74.00	-23.66	64.49	-14.15	PK
2	10440	59.65	68.20	-8.55	56.58	3.07	PK
3	15660	60.11	74.00	-13.89	53.26	6.85	PK
* 4	15660	47.45	54.00	-6.55	40.60	6.85	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11a_5240MHz	Humidity (%RH)	58.0



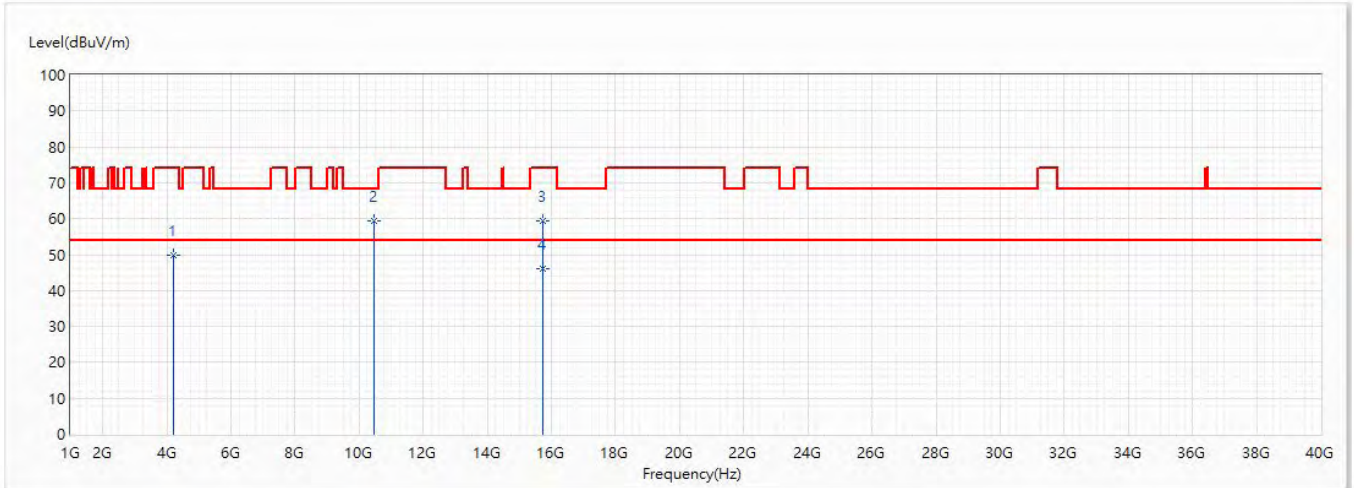
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6832.7	51.66	68.20	-16.54	56.34	-4.68	PK
2	10480	57.88	68.20	-10.32	54.60	3.28	PK
3	15720	59.69	74.00	-14.31	52.95	6.74	PK
* 4	15720	46.42	54.00	-7.58	39.68	6.74	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11a_5240MHz	Humidity (%RH)	58.0

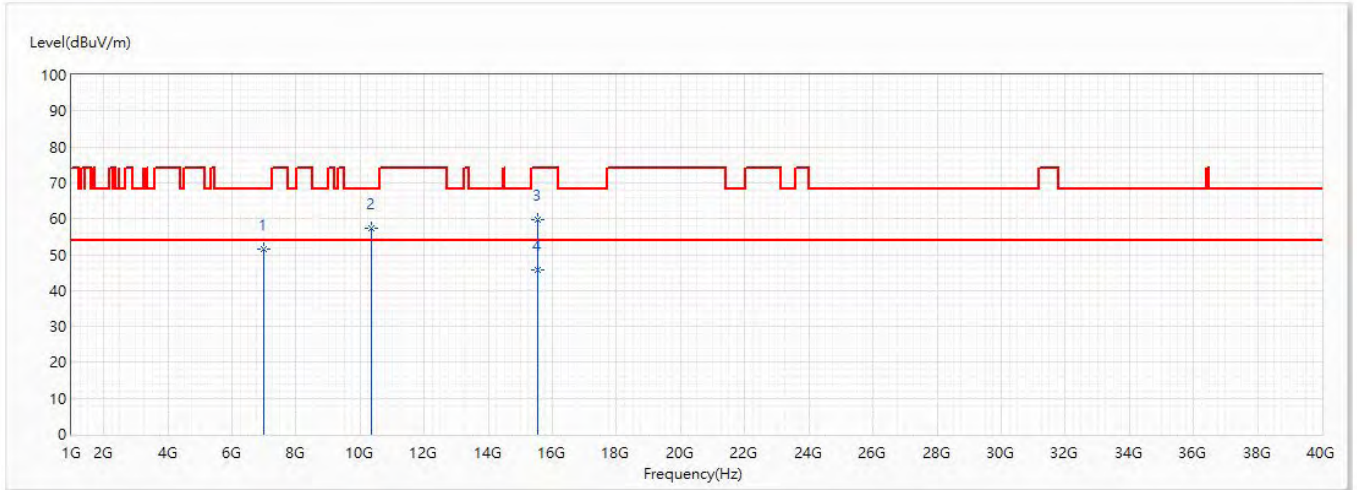


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	4191.6	49.92	74.00	-24.08	64.00	-14.08	PK
2	10480	59.29	68.20	-8.91	56.01	3.28	PK
3	15720	59.35	74.00	-14.65	52.61	6.74	PK
4	15720	45.95	54.00	-8.05	39.21	6.74	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5180MHz	Humidity (%RH)	58.0

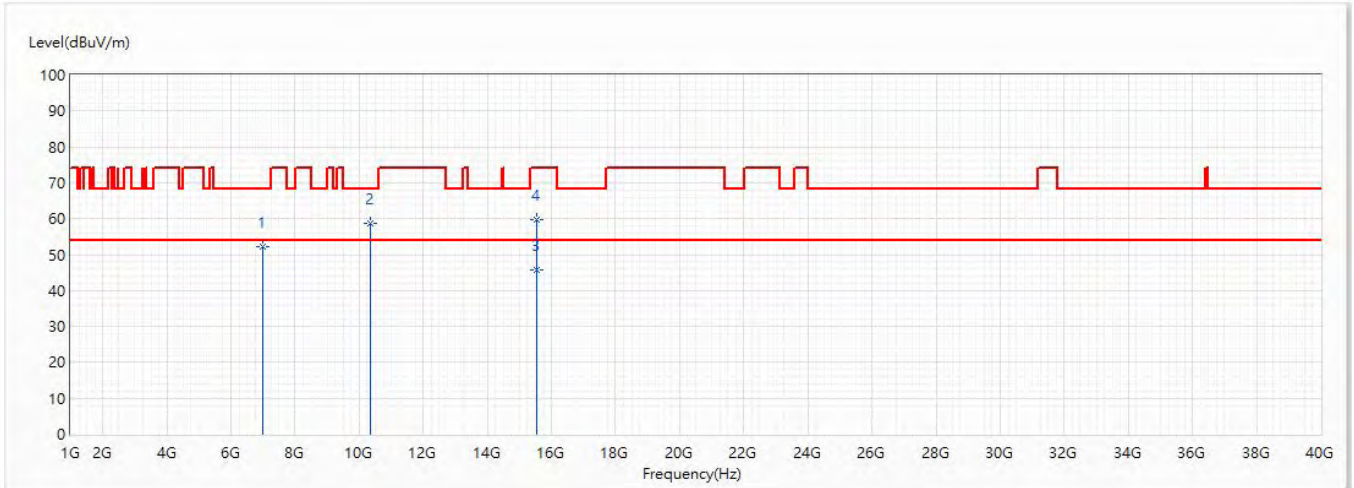


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	7006	51.69	68.20	-16.51	55.69	-4.00	PK
2	10360	57.48	68.20	-10.72	54.70	2.78	PK
3	15540	59.65	74.00	-14.35	52.50	7.15	PK
* 4	15540	45.79	54.00	-8.21	38.64	7.15	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5180MHz	Humidity (%RH)	58.0



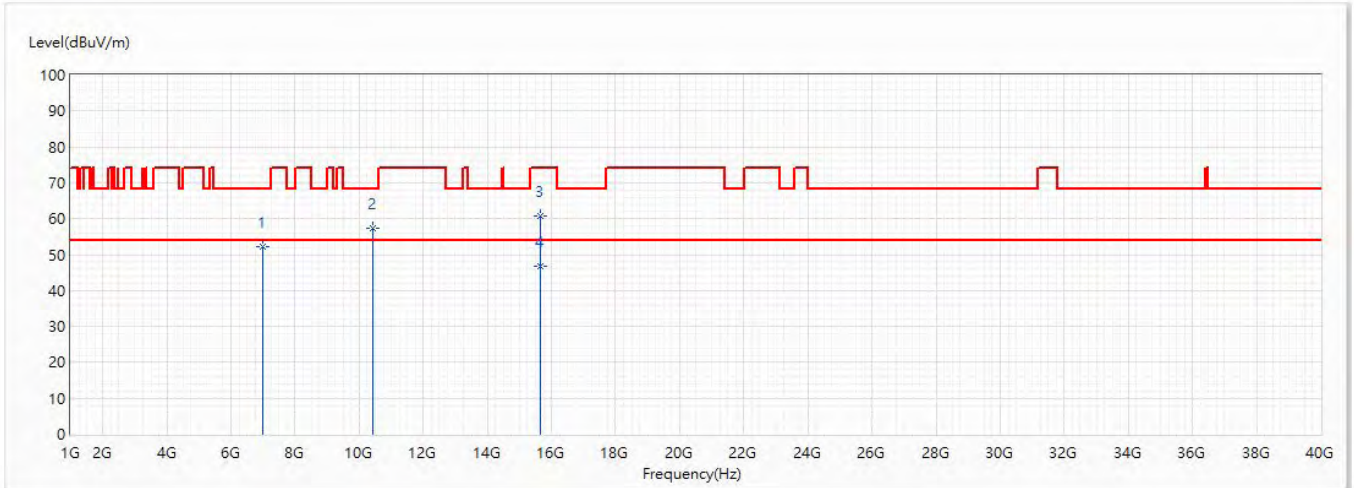
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6979.9	52.11	68.20	-16.09	56.22	-4.11	PK
2	10360	58.56	68.20	-9.64	55.78	2.78	PK
* 3	15540	45.64	54.00	-8.36	38.49	7.15	AV
4	15540	59.61	74.00	-14.39	52.46	7.15	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5220MHz	Humidity (%RH)	58.0

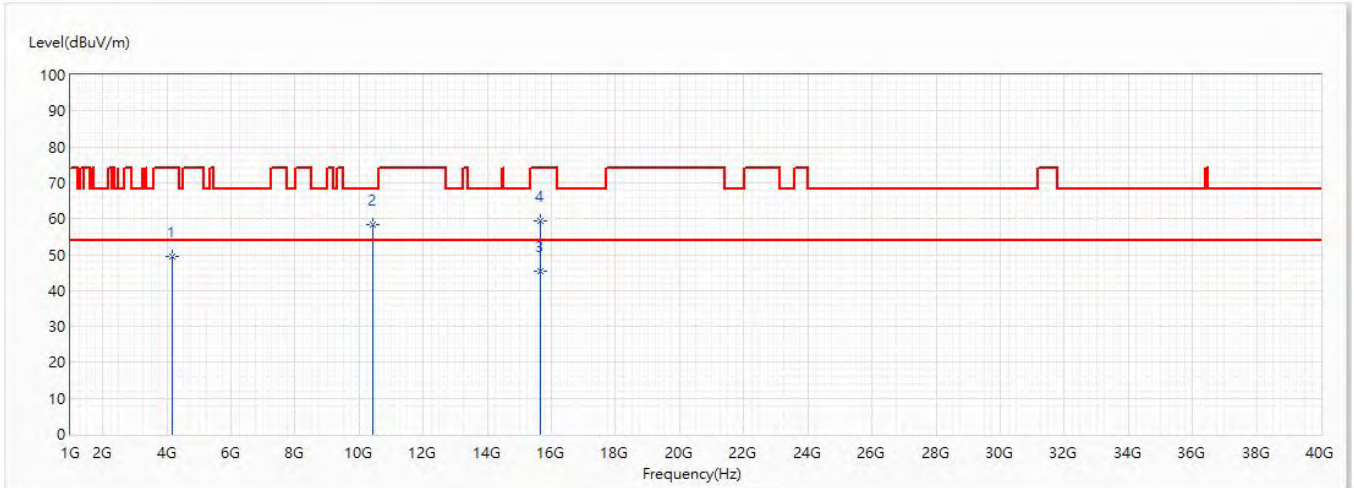


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	7009	52.38	68.20	-15.82	56.38	-4.00	PK
2	10440	57.38	68.20	-10.82	54.31	3.07	PK
3	15660	60.75	74.00	-13.25	53.90	6.85	PK
* 4	15660	46.85	54.00	-7.15	40.00	6.85	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5220MHz	Humidity (%RH)	58.0

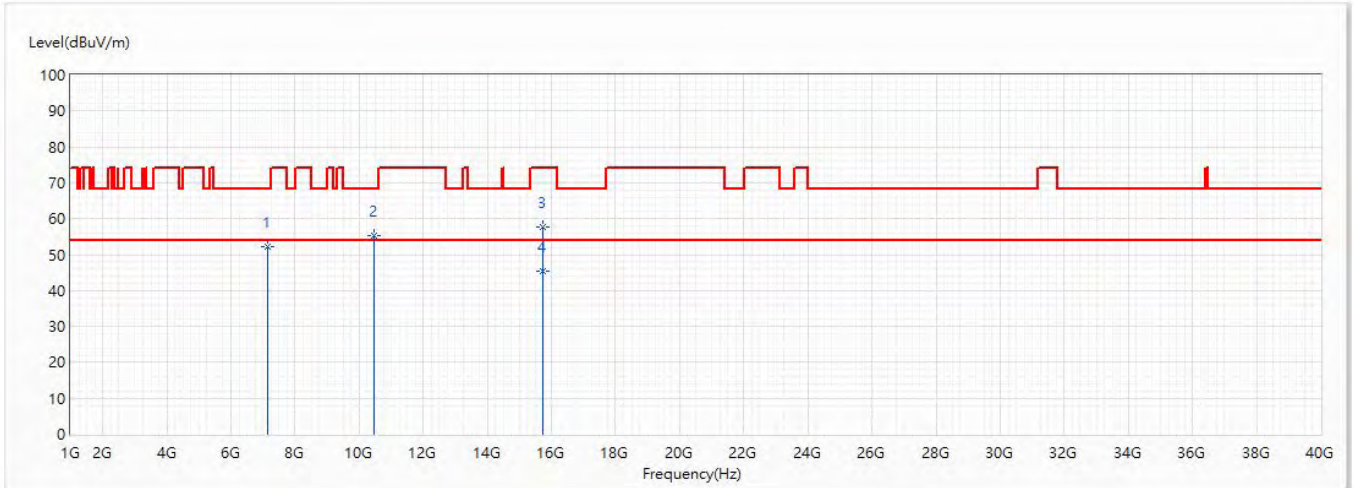


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4175.85	49.49	74.00	-24.51	63.64	-14.15	PK
2	10440	58.41	68.20	-9.79	55.34	3.07	PK
* 3	15660	45.49	54.00	-8.51	38.64	6.85	AV
4	15660	59.46	74.00	-14.54	52.61	6.85	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5240MHz	Humidity (%RH)	58.0

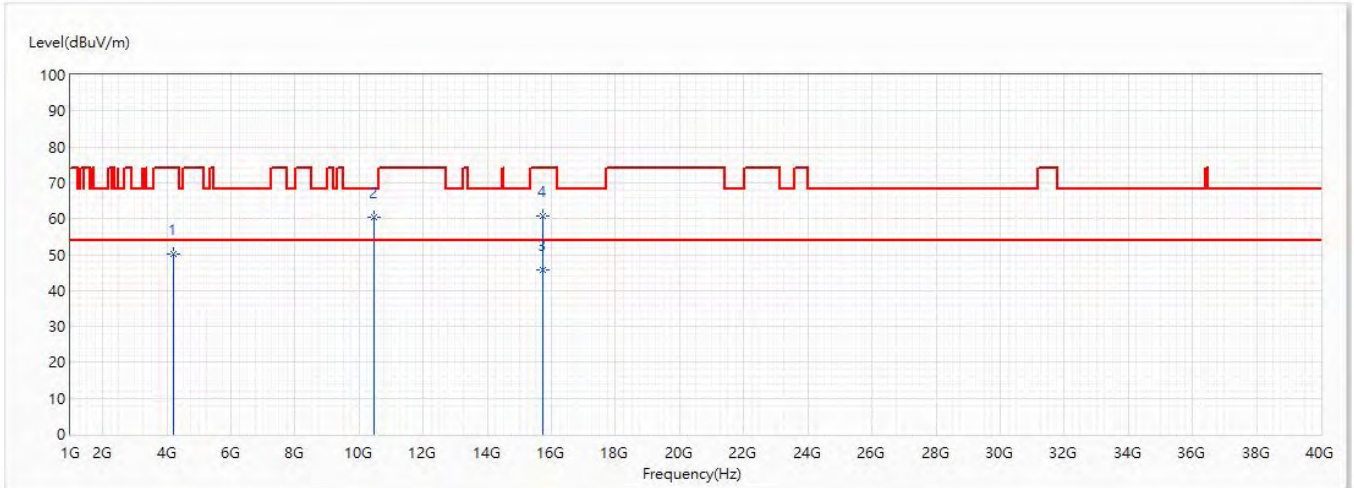


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	7156	52.33	68.20	-15.87	55.73	-3.40	PK
2	10480	55.19	68.20	-13.01	51.91	3.28	PK
3	15720	57.56	74.00	-16.44	50.82	6.74	PK
* 4	15720	45.26	54.00	-8.74	38.52	6.74	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5240MHz	Humidity (%RH)	58.0

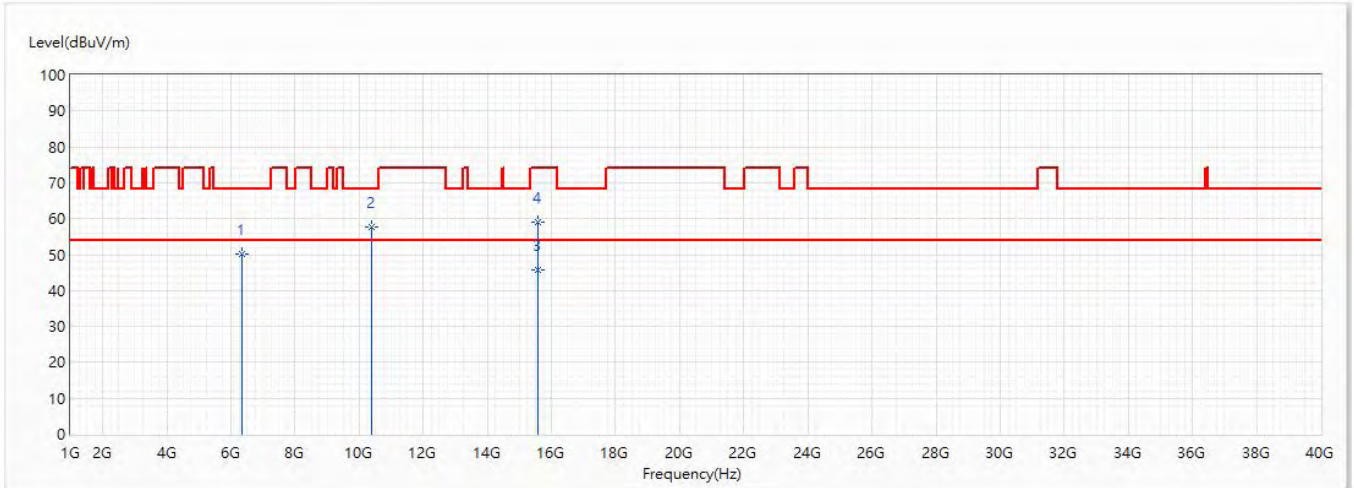


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4192.2	50.33	74.00	-23.67	64.41	-14.08	PK
* 2	10480	60.25	68.20	-7.95	56.97	3.28	PK
3	15720	45.64	54.00	-8.36	38.90	6.74	AV
4	15720	60.88	74.00	-13.12	54.14	6.74	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_40M_5190MHz	Humidity (%RH)	58.0



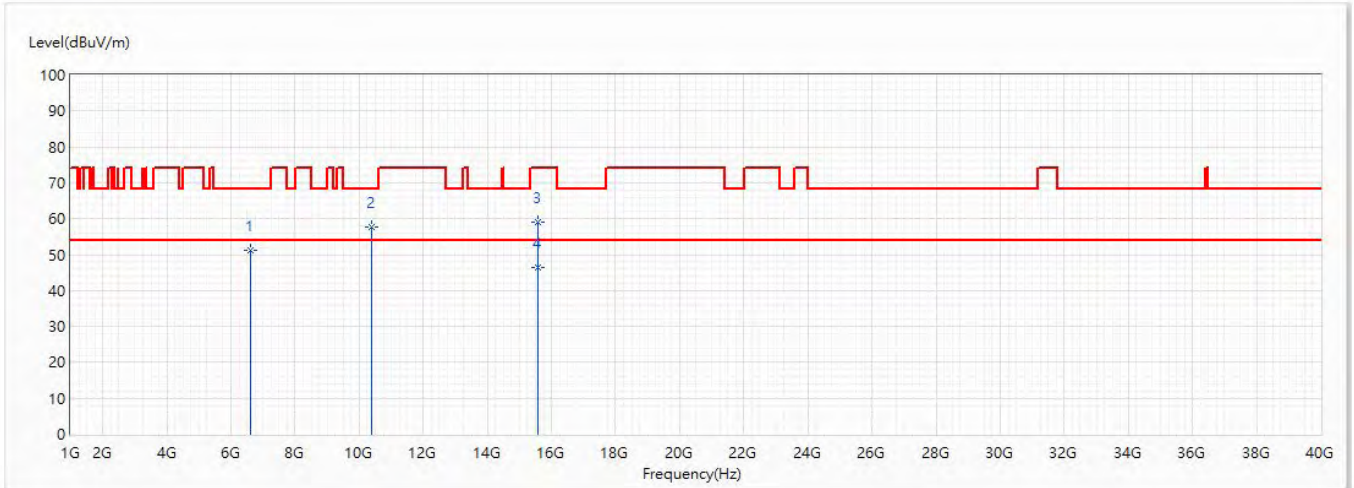
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6344.5	50.23	68.20	-17.97	56.96	-6.73	PK
2	10380	57.73	68.20	-10.47	54.91	2.82	PK
* 3	15570	45.61	54.00	-8.39	38.62	6.99	AV
4	15570	59.07	74.00	-14.93	52.08	6.99	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_40M_5190MHz	Humidity (%RH)	58.0

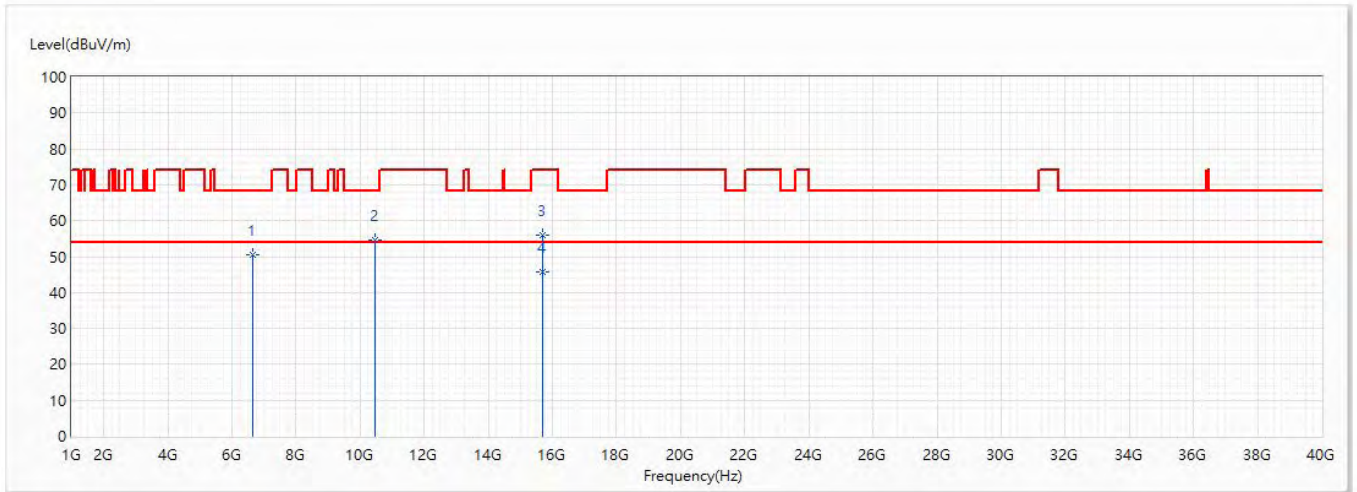


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6603.3	51.26	68.20	-16.94	56.75	-5.49	PK
2	10380	57.80	68.20	-10.40	54.98	2.82	PK
3	15570	59.17	74.00	-14.83	52.18	6.99	PK
* 4	15570	46.35	54.00	-7.65	39.36	6.99	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_40M_5230MHz	Humidity (%RH)	58.0



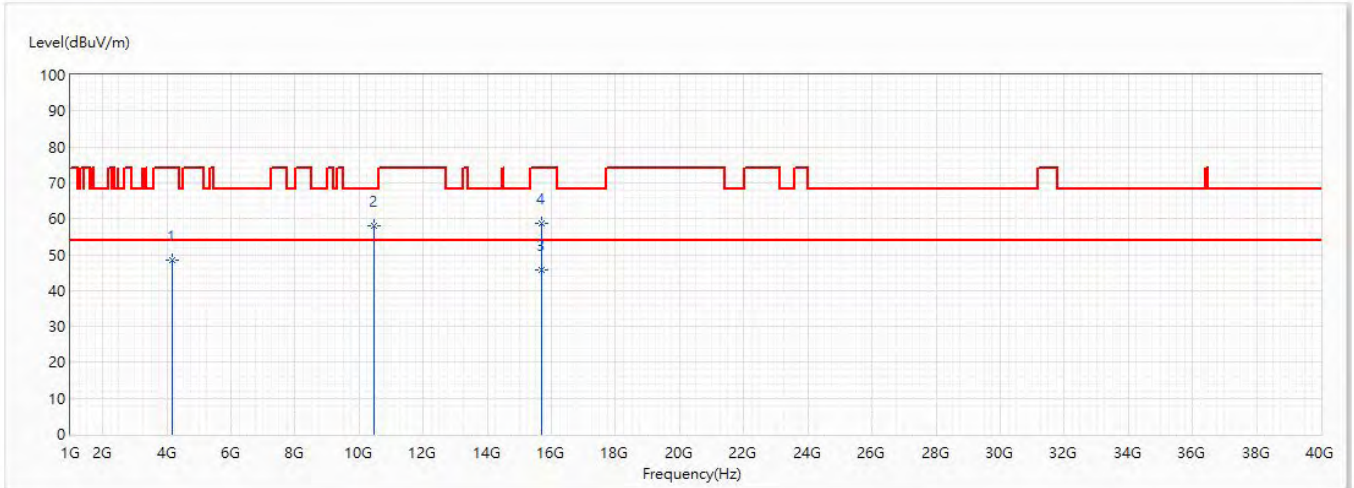
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6638.5	50.42	68.20	-17.78	55.80	-5.38	PK
2	10460	54.61	68.20	-13.59	51.45	3.16	PK
3	15690	56.01	74.00	-17.99	49.15	6.86	PK
* 4	15690	45.72	54.00	-8.28	38.86	6.86	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_40M_5230MHz	Humidity (%RH)	58.0

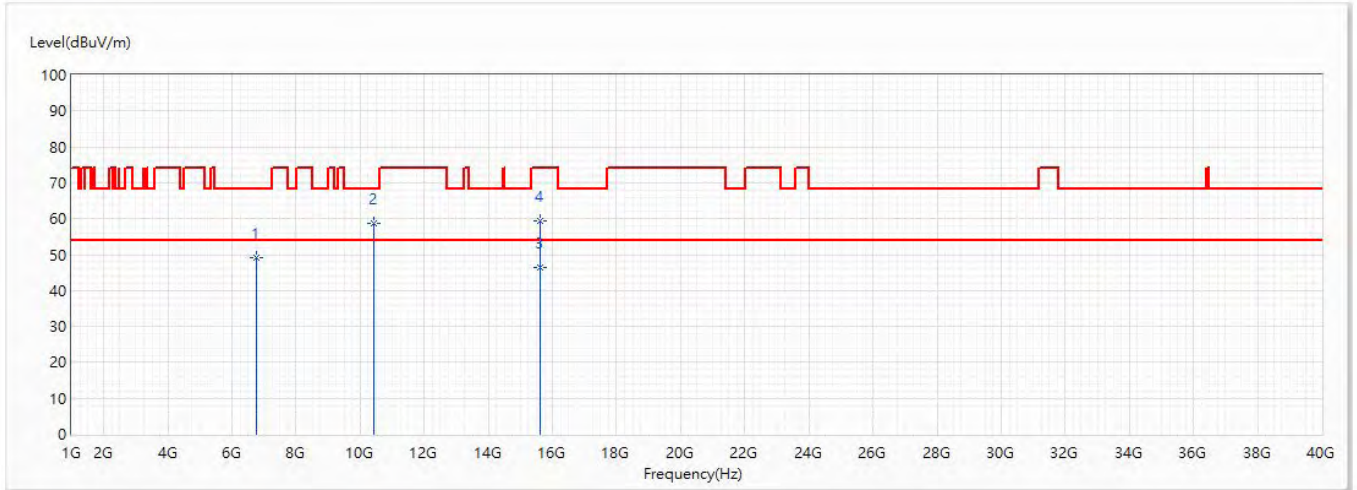


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4184	48.54	74.00	-25.46	62.66	-14.12	PK
2	10460	57.86	68.20	-10.34	54.70	3.16	PK
* 3	15690	45.61	54.00	-8.39	38.75	6.86	AV
4	15690	58.86	74.00	-15.14	52.00	6.86	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_80M_5210MHz	Humidity (%RH)	58.0

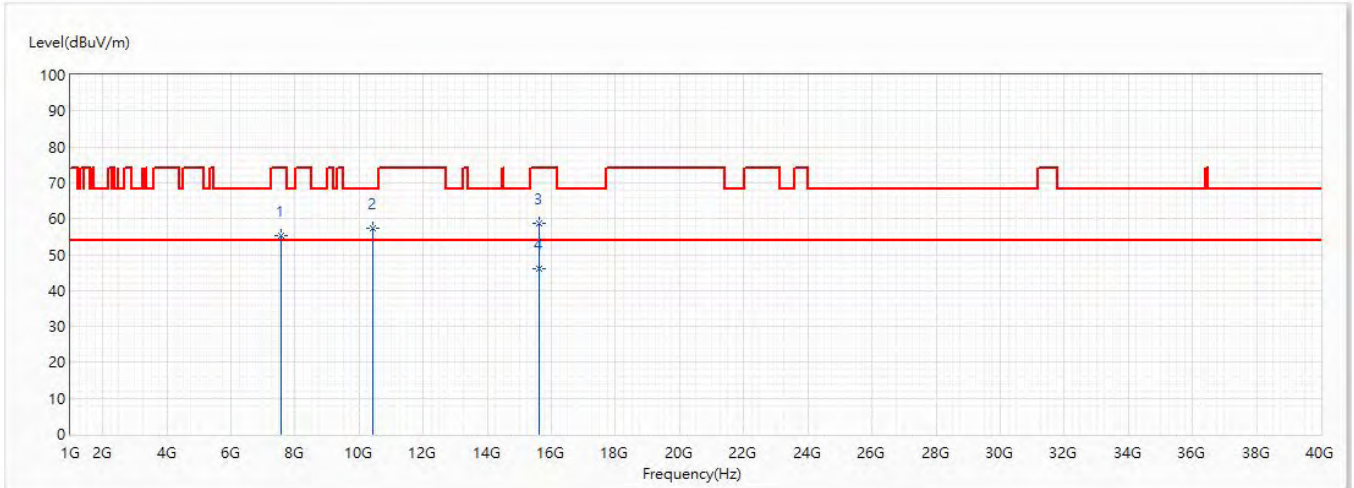


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6755	49.15	68.20	-19.05	54.13	-4.98	PK
2	10420	58.83	68.20	-9.37	55.87	2.96	PK
* 3	15630	46.29	54.00	-7.71	39.46	6.83	AV
4	15630	59.36	74.00	-14.64	52.53	6.83	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_80M_5210MHz	Humidity (%RH)	58.0

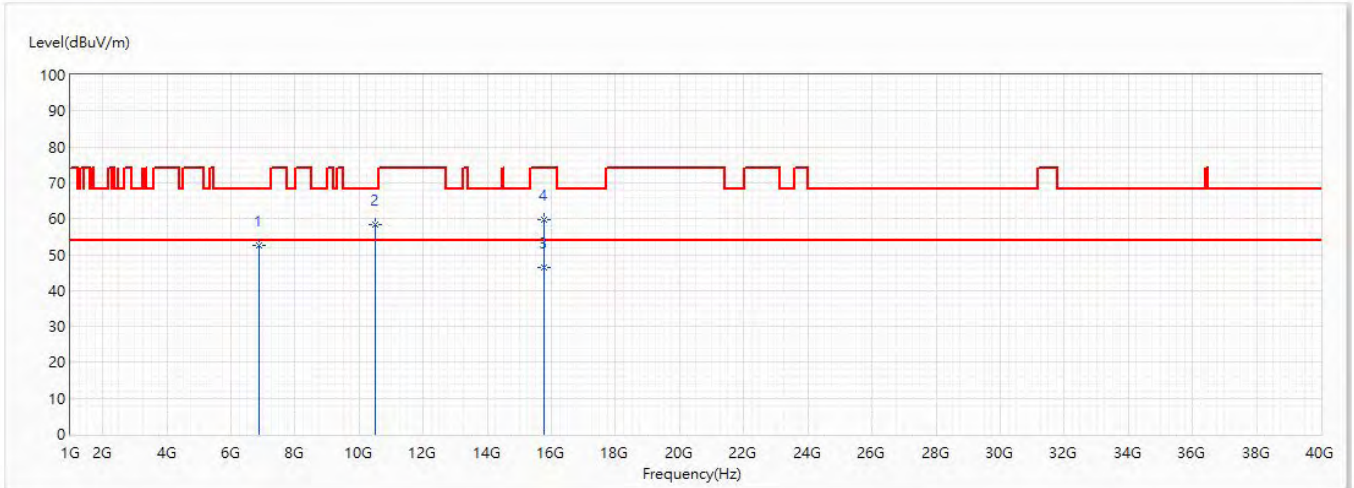


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	7571	55.46	74.00	-18.54	57.58	-2.12	PK
2	10420	57.46	68.20	-10.74	54.50	2.96	PK
3	15630	58.56	74.00	-15.44	51.73	6.83	PK
* 4	15630	46.11	54.00	-7.89	39.28	6.83	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11a_5260MHz	Humidity (%RH)	58.0

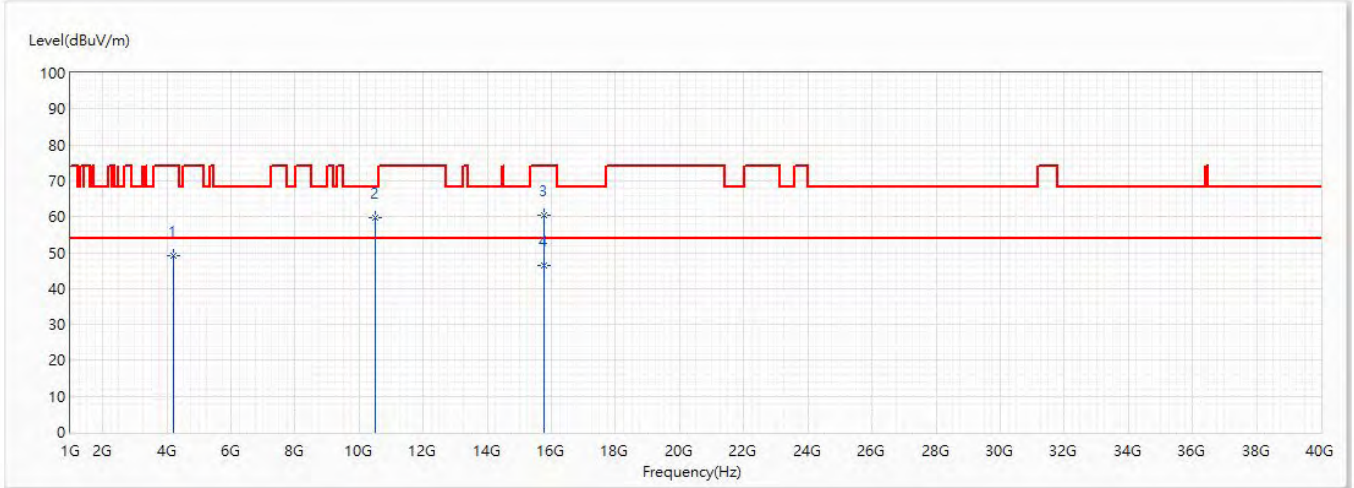


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6891	52.39	68.20	-15.81	56.84	-4.45	PK
2	10520	58.27	68.20	-9.93	54.88	3.39	PK
* 3	15780	46.38	54.00	-7.62	40.01	6.37	AV
4	15780	59.69	74.00	-14.31	53.32	6.37	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11a_5260MHz	Humidity (%RH)	58.0



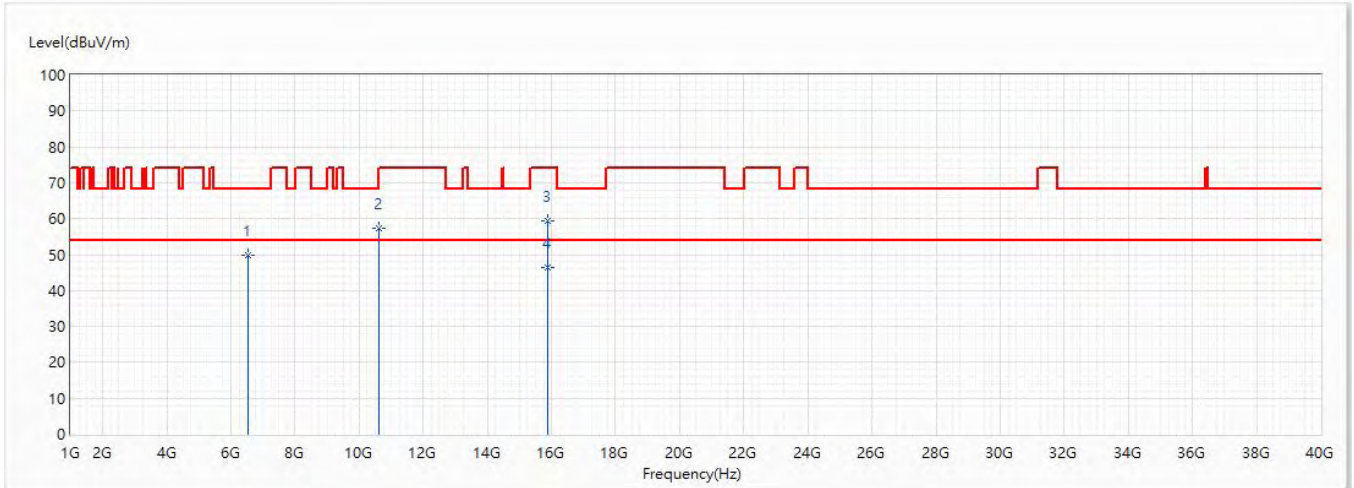
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4208	49.12	74.00	-24.88	63.12	-14.00	PK
2	10520	59.79	68.20	-8.41	56.40	3.39	PK
3	15780	60.25	74.00	-13.75	53.88	6.37	PK
* 4	15780	46.58	54.00	-7.42	40.21	6.37	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11a_5300MHz	Humidity (%RH)	58.0

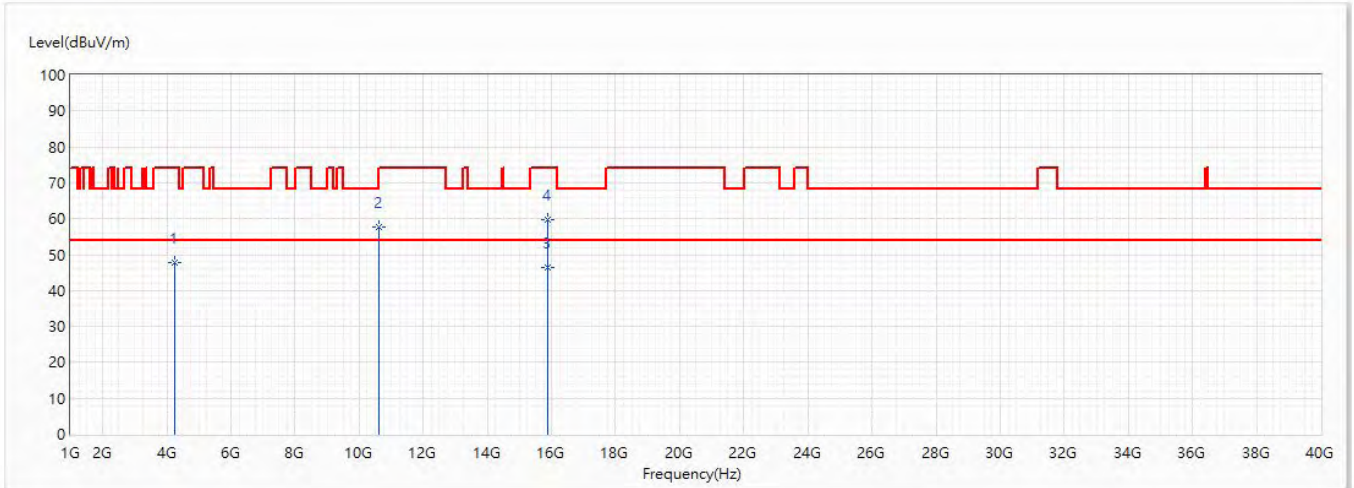


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6515	49.66	68.20	-18.54	55.65	-5.99	PK
2	10600	57.49	68.20	-10.71	54.06	3.43	PK
3	15900	59.25	74.00	-14.75	52.54	6.71	PK
* 4	15900	46.31	54.00	-7.69	39.60	6.71	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11a_5300MHz	Humidity (%RH)	58.0



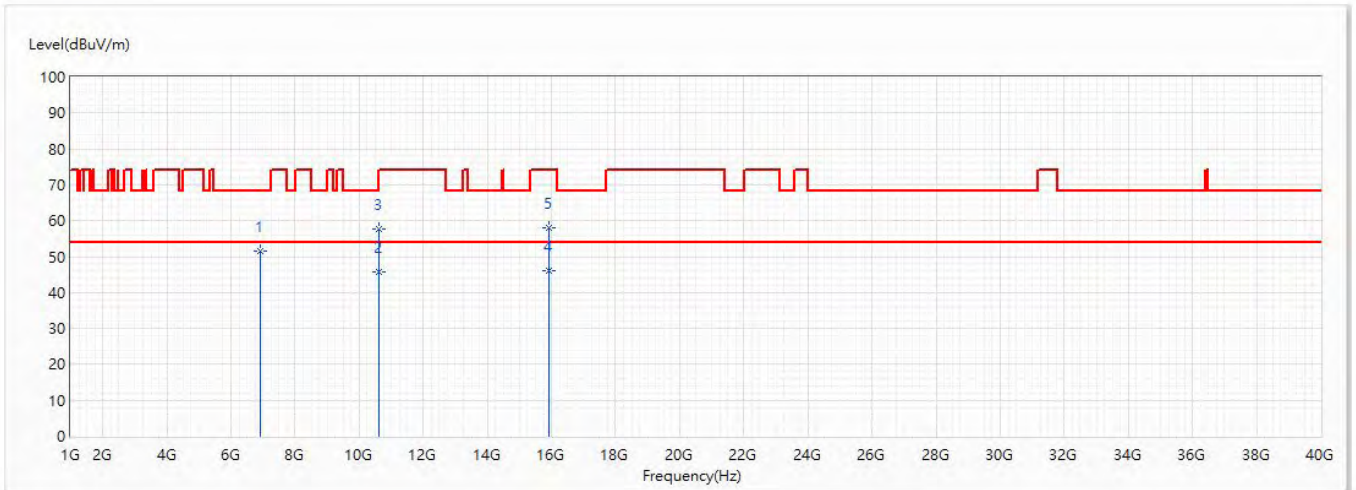
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4239.6	47.85	74.00	-26.15	61.71	-13.86	PK
2	10600	57.83	68.20	-10.37	54.40	3.43	PK
* 3	15900	46.29	54.00	-7.71	39.58	6.71	AV
4	15900	59.65	74.00	-14.35	52.94	6.71	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11a_5320MHz	Humidity (%RH)	58.0

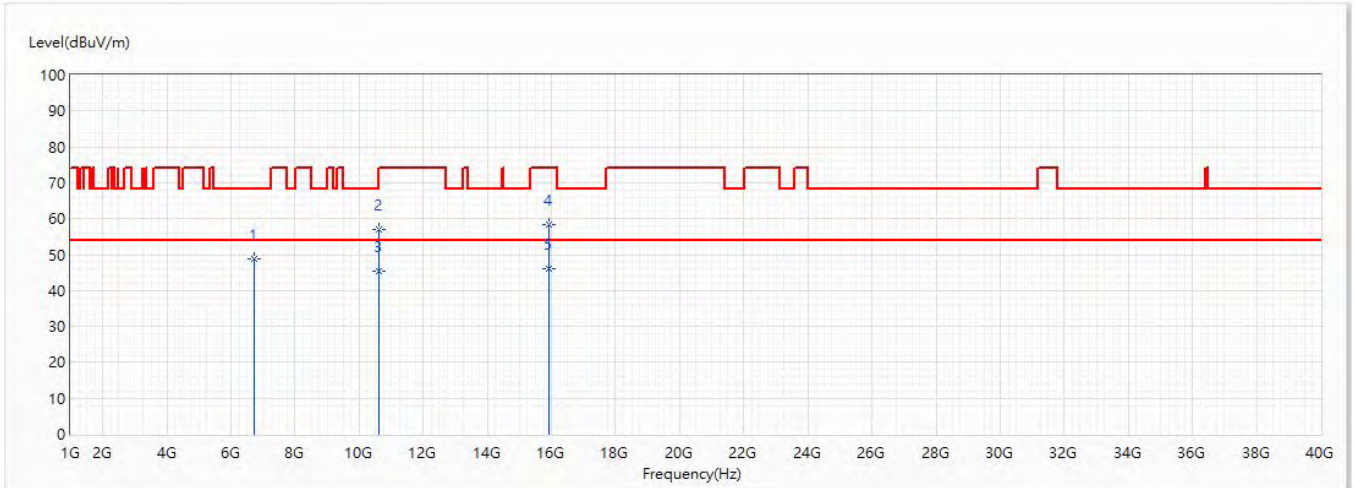


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6899.5	51.52	68.20	-16.68	55.94	-4.42	PK
2	10620	45.61	54.00	-8.39	42.13	3.48	AV
3	10620	57.74	74.00	-16.26	54.26	3.48	PK
* 4	15920	45.92	54.00	-8.08	39.37	6.55	AV
5	15920	57.96	74.00	-16.04	51.41	6.55	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11a_5320MHz	Humidity (%RH)	58.0

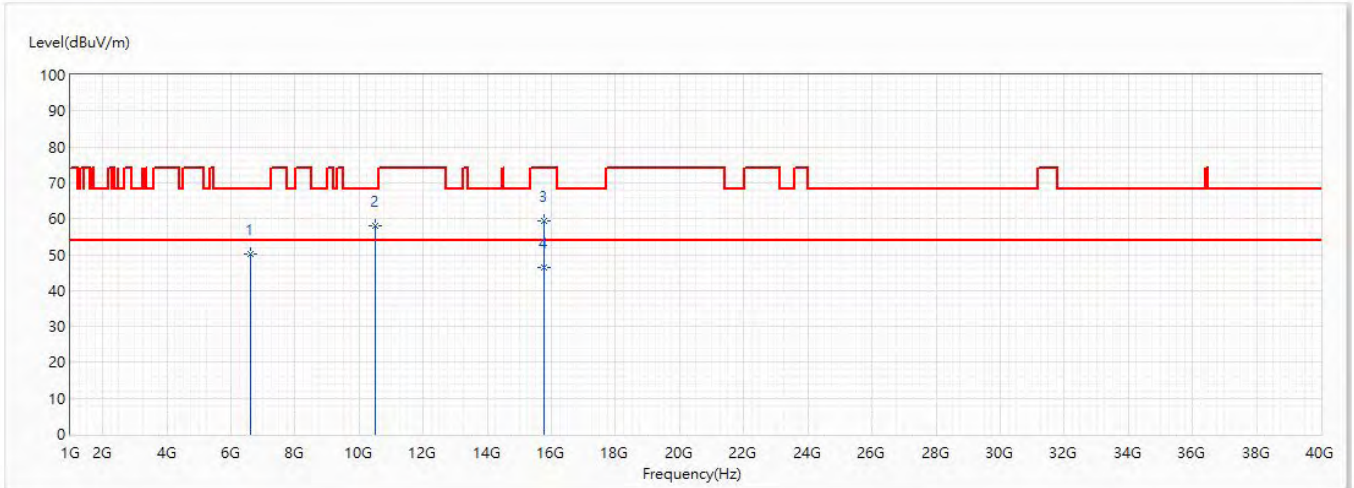


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6725.3	48.81	68.20	-19.39	53.89	-5.08	PK
2	10620	57.07	74.00	-16.93	53.59	3.48	PK
3	10620	45.30	54.00	-8.70	41.82	3.48	AV
4	15920	58.35	74.00	-15.65	51.80	6.55	PK
* 5	15920	46.13	54.00	-7.87	39.58	6.55	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5260MHz	Humidity (%RH)	58.0

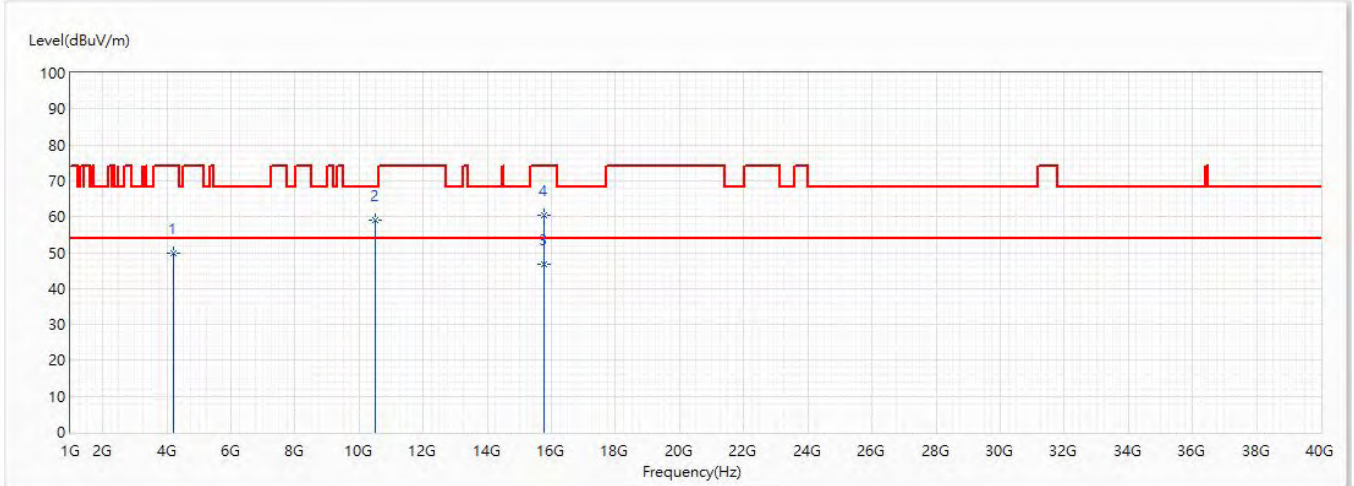


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6591	50.25	68.20	-17.95	55.81	-5.56	PK
2	10520	58.19	68.20	-10.01	54.80	3.39	PK
3	15780	59.35	74.00	-14.65	52.98	6.37	PK
* 4	15780	46.25	54.00	-7.75	39.88	6.37	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5260MHz	Humidity (%RH)	58.0

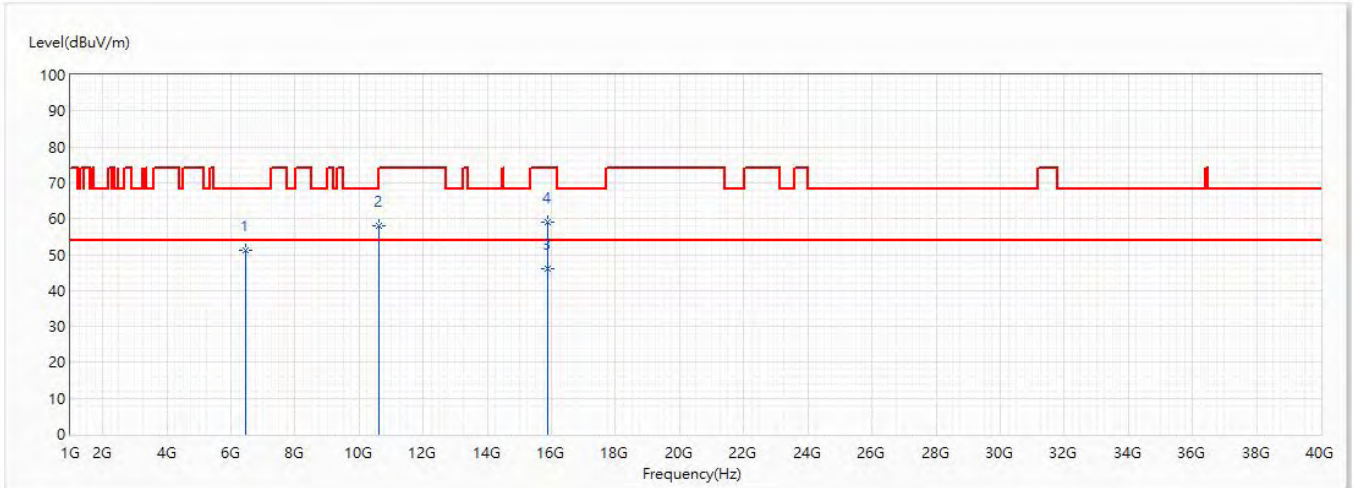


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4208	49.66	74.00	-24.34	63.66	-14.00	PK
2	10520	58.91	68.20	-9.29	55.52	3.39	PK
* 3	15780	46.66	54.00	-7.34	40.29	6.37	AV
4	15780	60.33	74.00	-13.67	53.96	6.37	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5300MHz	Humidity (%RH)	58.0



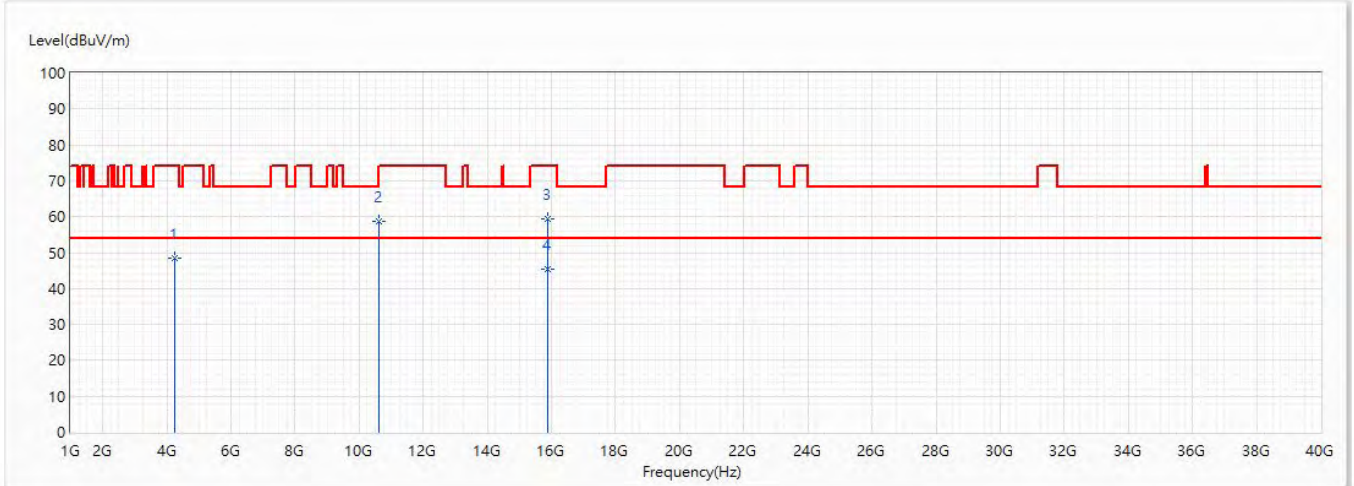
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6443.7	51.35	68.20	-16.85	57.56	-6.21	PK
2	10600	58.16	68.20	-10.04	54.73	3.43	PK
* 3	15900	46.15	54.00	-7.85	39.44	6.71	AV
4	15900	59.01	74.00	-14.99	52.30	6.71	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5300MHz	Humidity (%RH)	58.0

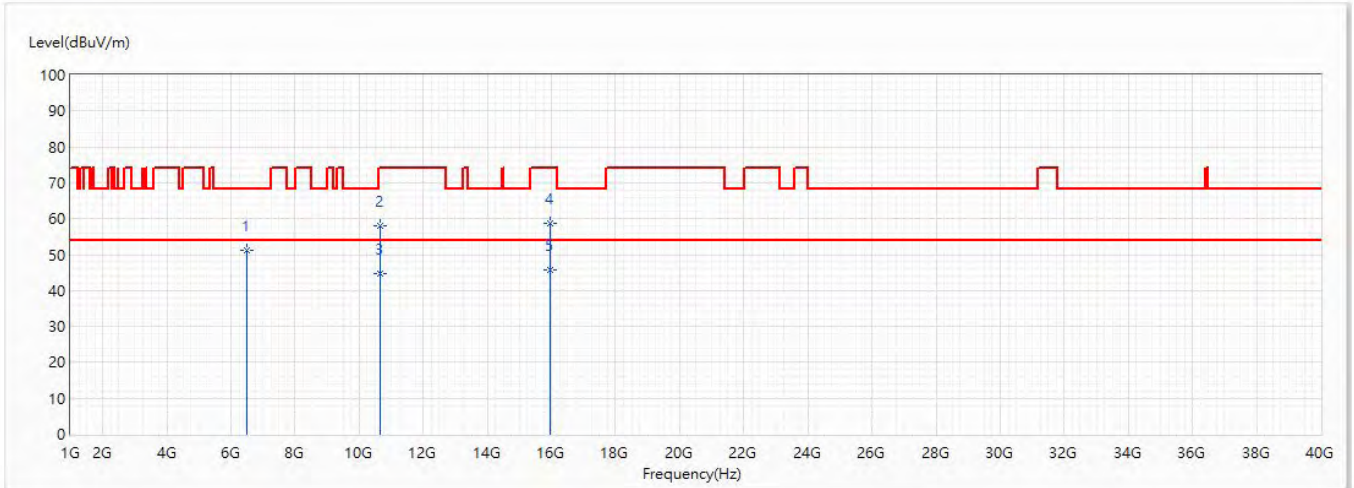


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4239.6	48.39	74.00	-25.61	62.25	-13.86	PK
2	10600	58.82	68.20	-9.38	55.39	3.43	PK
3	15900	59.33	74.00	-14.67	52.62	6.71	PK
* 4	15900	45.49	54.00	-8.51	38.78	6.71	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limt, so as not reported.

Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Horizontal	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5320MHz	Humidity (%RH)	58.0



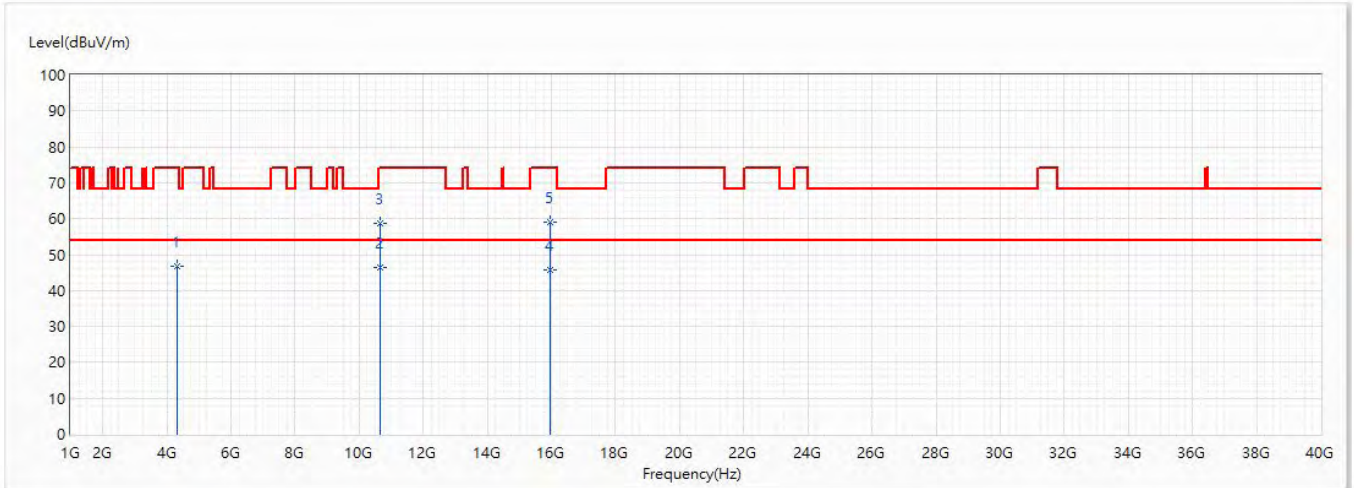
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	6490	51.29	68.20	-16.91	57.39	-6.10	PK
2	10640	57.91	74.00	-16.09	54.39	3.52	PK
3	10640	44.87	54.00	-9.13	41.35	3.52	AV
4	15960	58.67	74.00	-15.33	52.44	6.23	PK
* 5	15960	45.66	54.00	-8.34	39.43	6.23	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.



Model No	CSD-ELINK2	Site	CB2-H
Test Voltage	DC 5V	Test Date	2020/3/6
Test Mode	Mode 1: Transmit Mode	Engineer	Scott
Polarity	Vertical	Temperature (°C)	22.5
Test Condition	802.11ac_20M_5320MHz	Humidity (%RH)	58.0



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	4325	46.91	74.00	-27.09	60.37	-13.46	PK
* 2	10640	46.25	54.00	-7.75	42.73	3.52	AV
3	10640	58.59	74.00	-15.41	55.07	3.52	PK
4	15960	45.87	54.00	-8.13	39.64	6.23	AV
5	15960	58.91	74.00	-15.09	52.68	6.23	PK

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ \* ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The Emission above 13GHz were not included is because their levels are less than 20dBm form the limit, so as not reported.