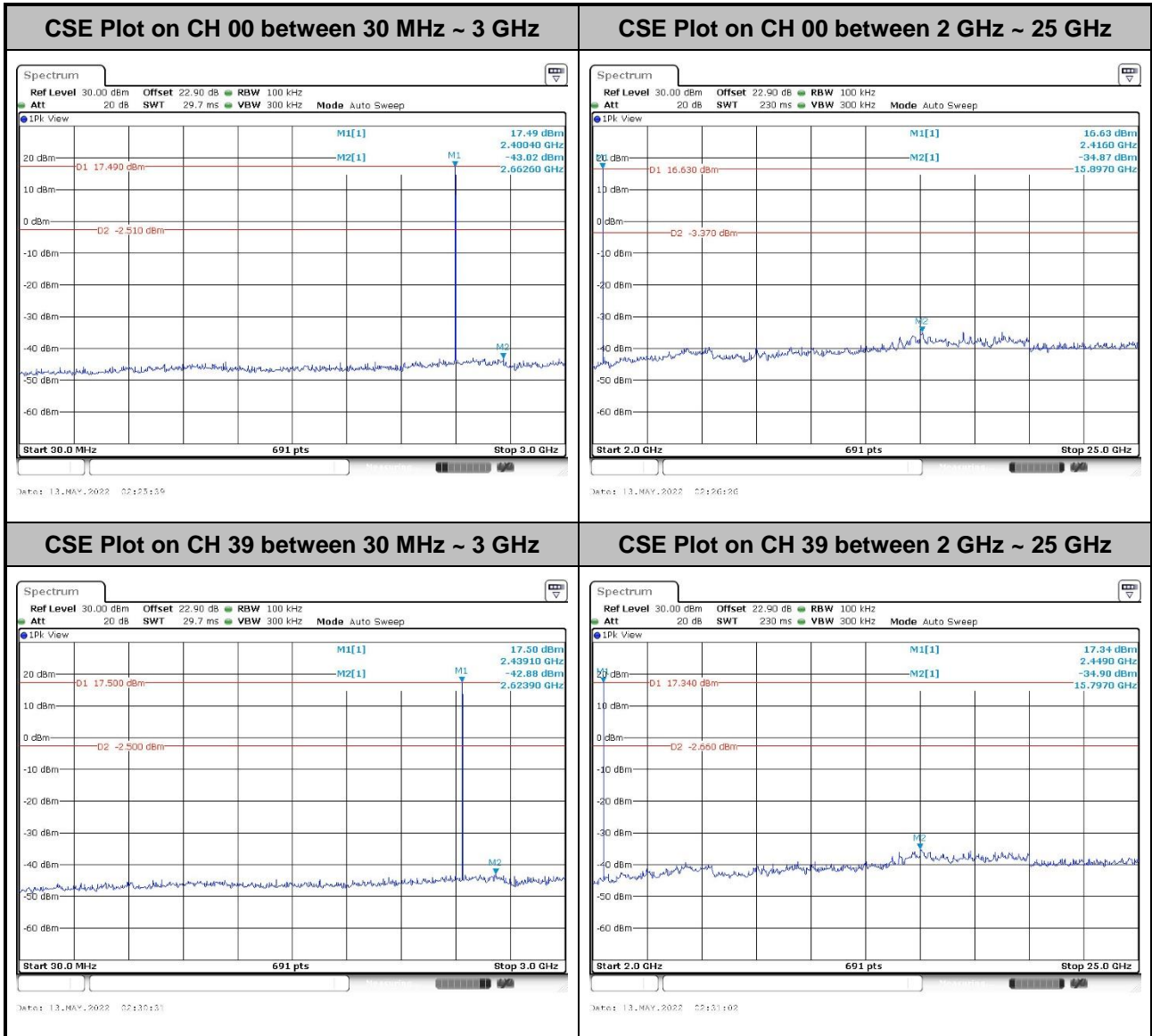
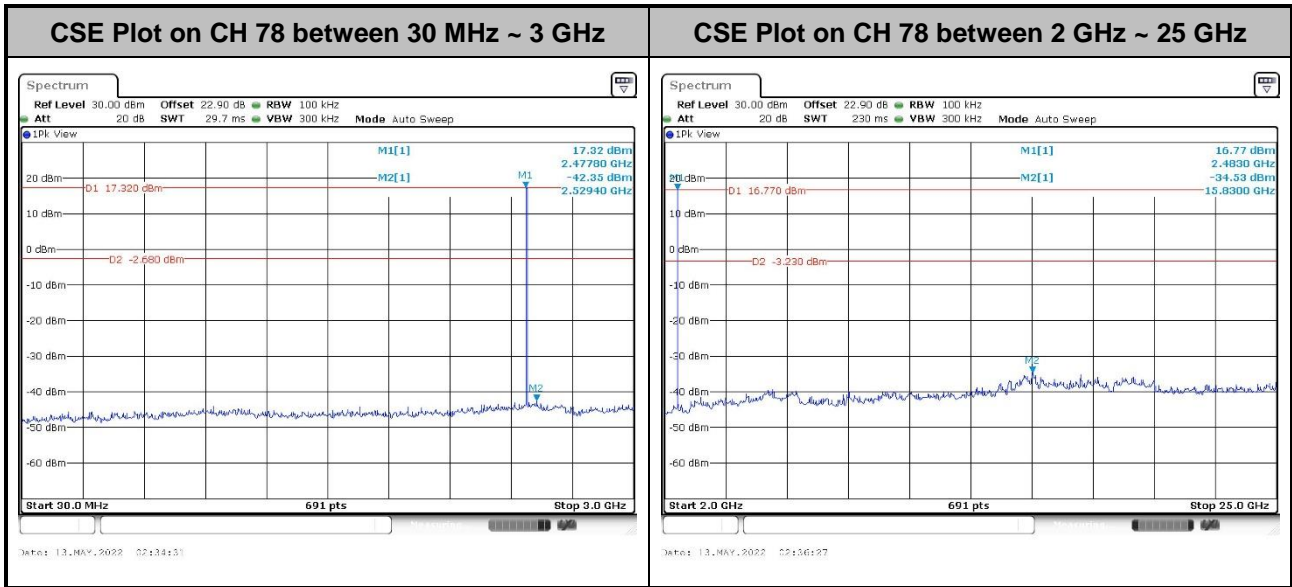




<3Mbps>

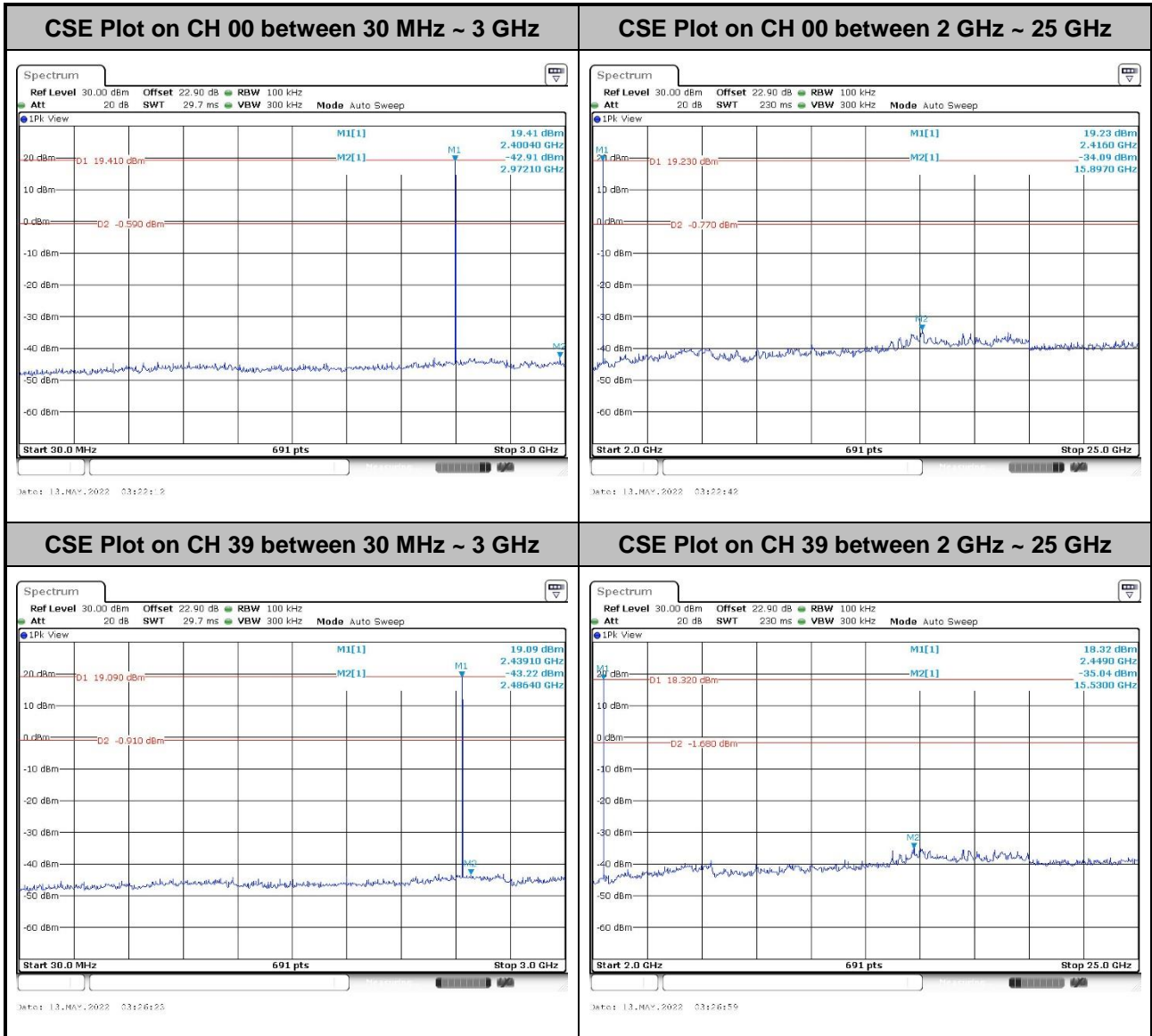


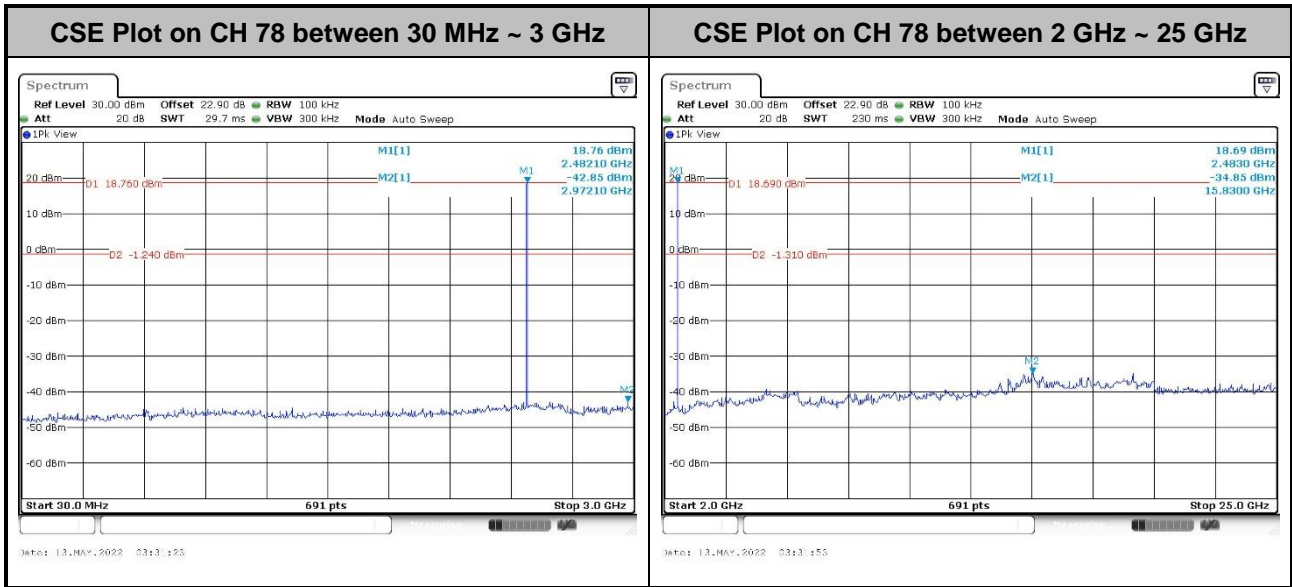




<Ant. 3>

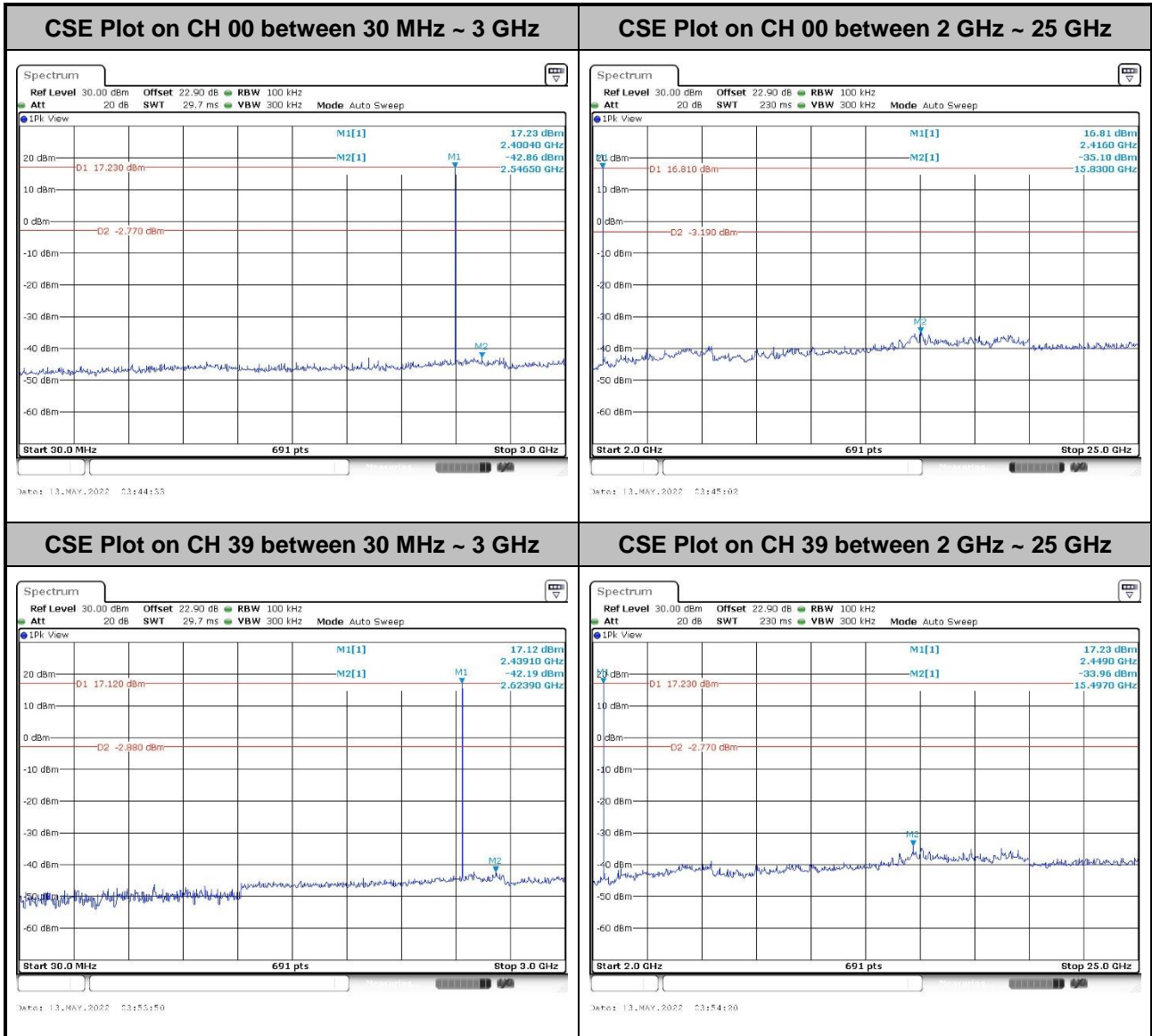
<1Mbps>

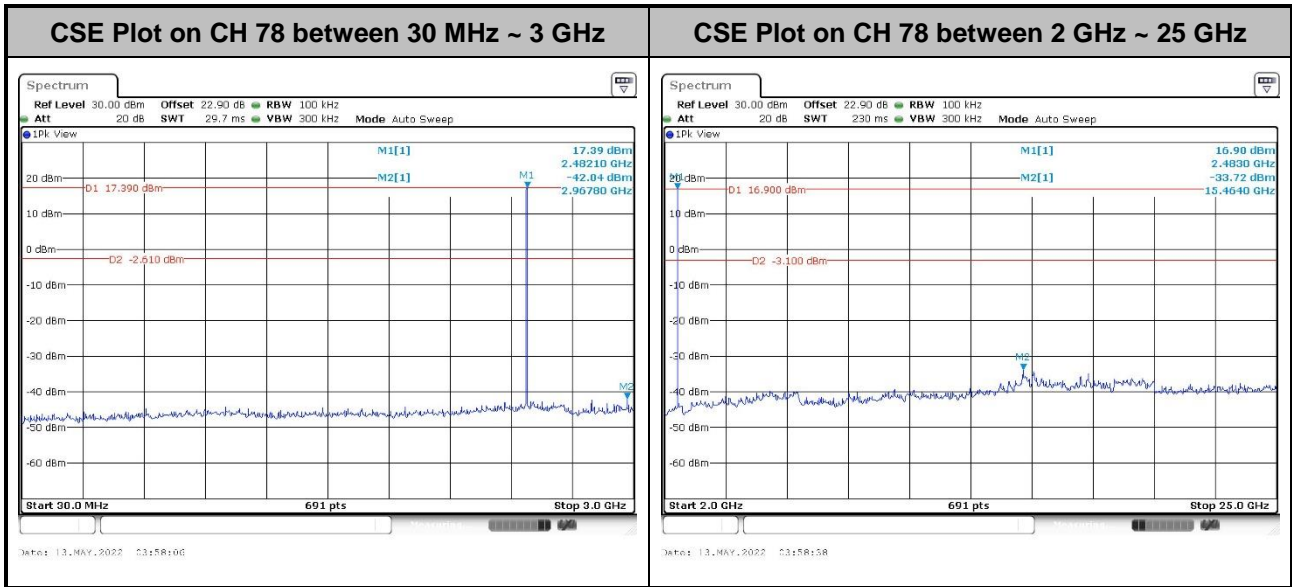






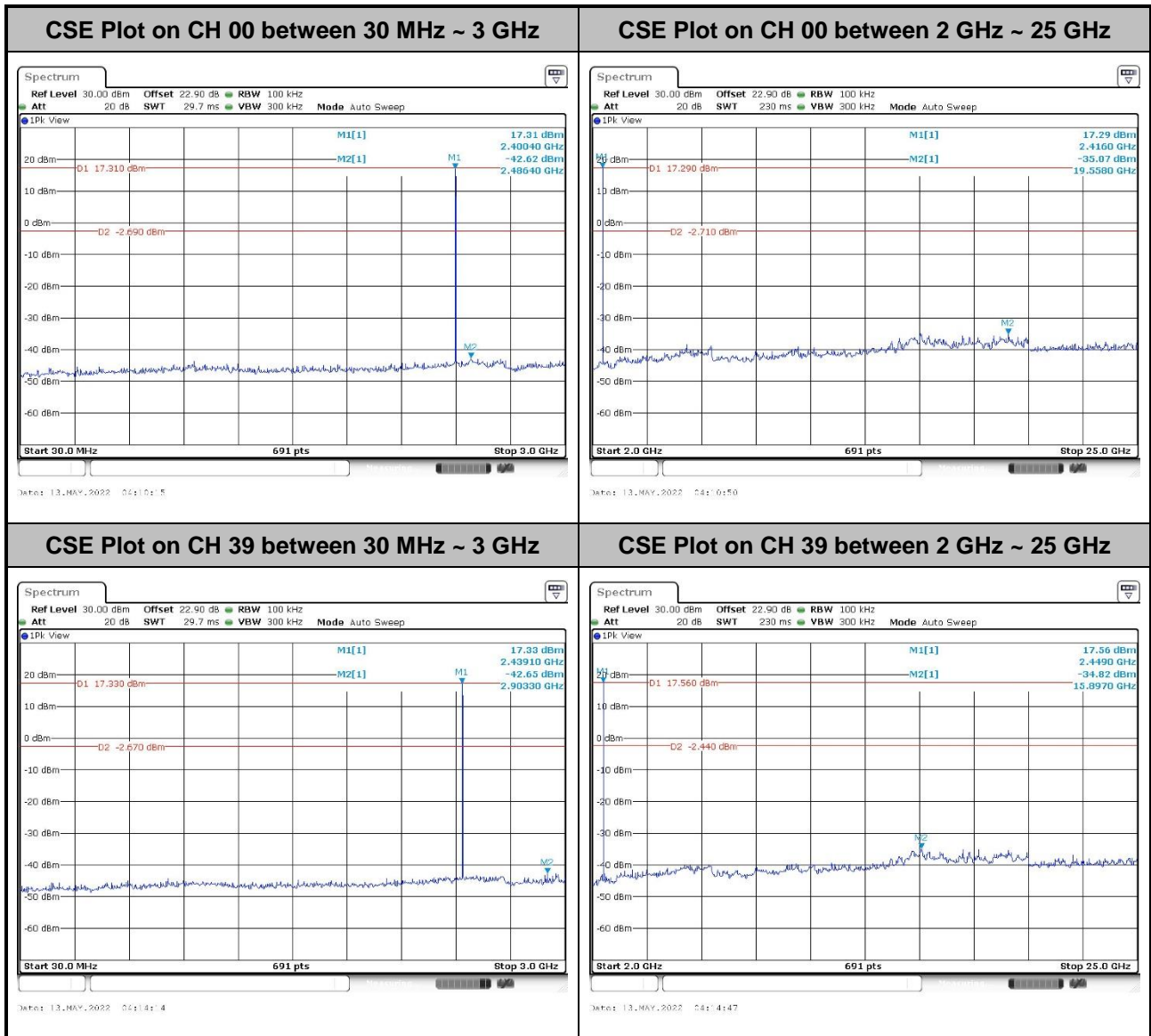
<2Mbps>



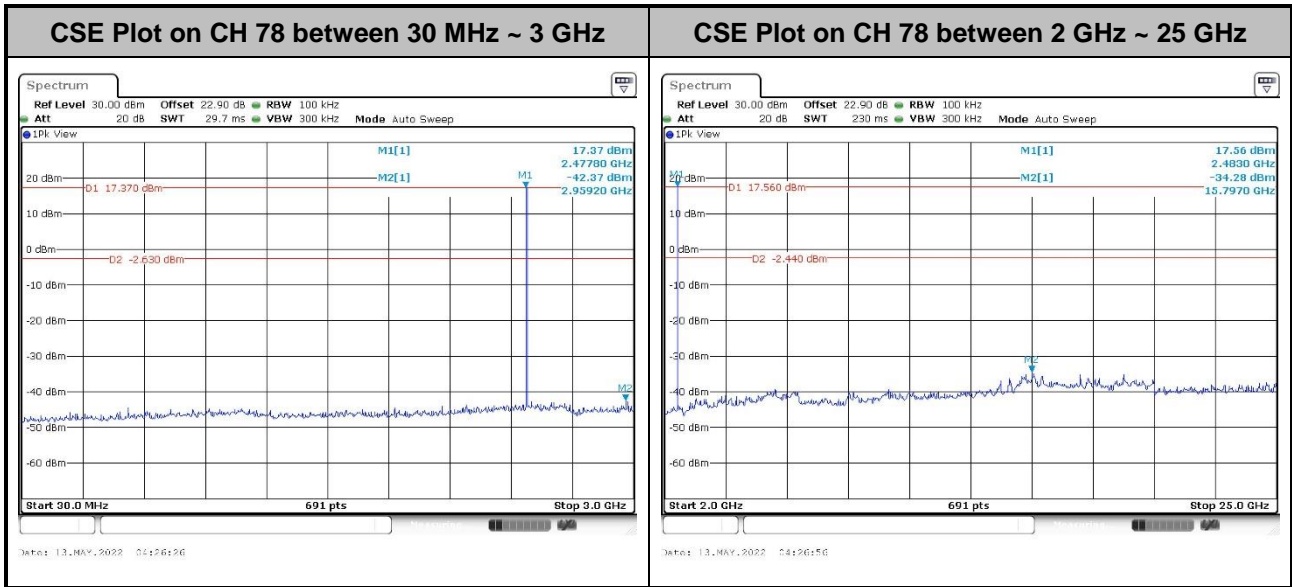




<3Mbps>



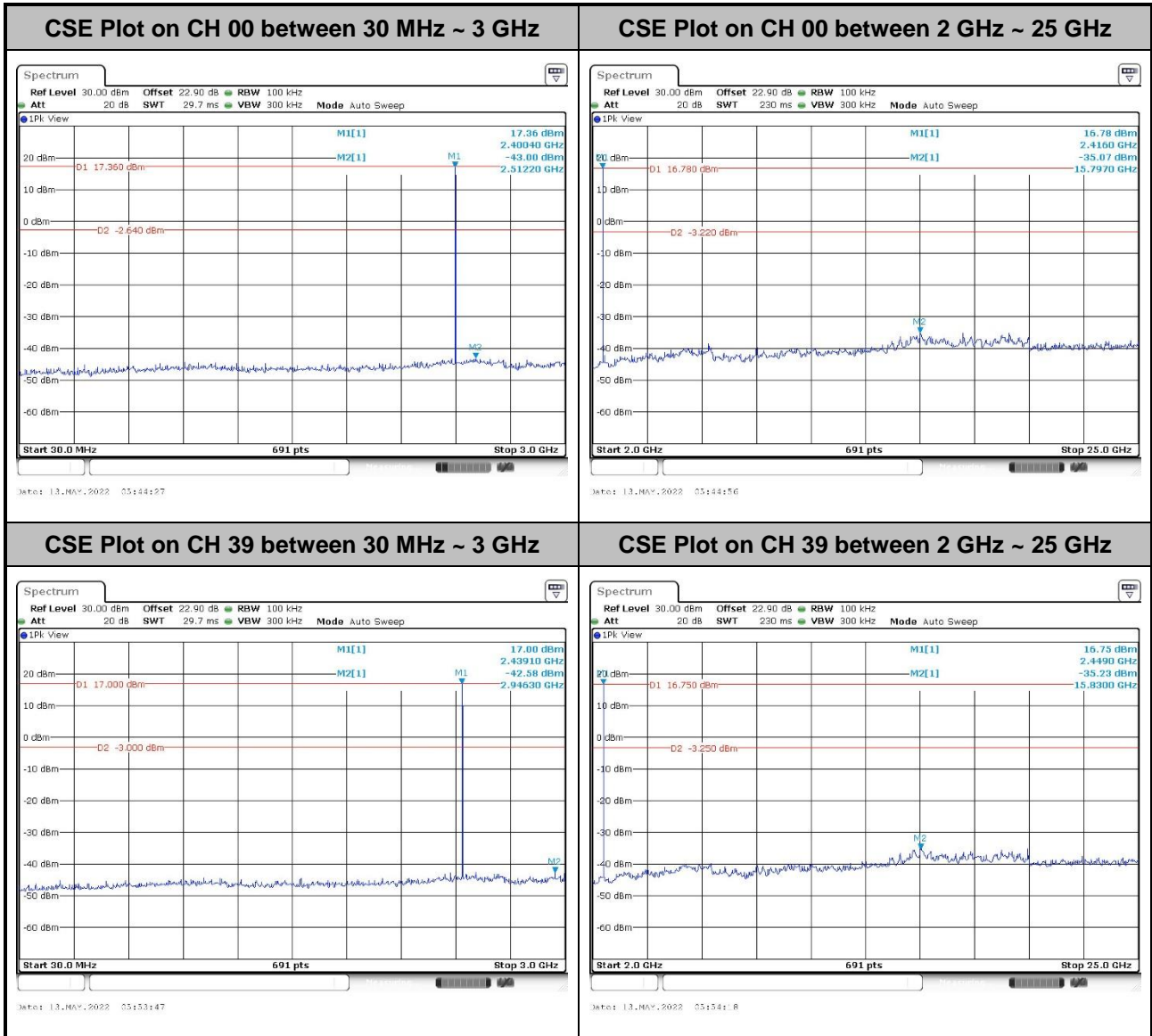


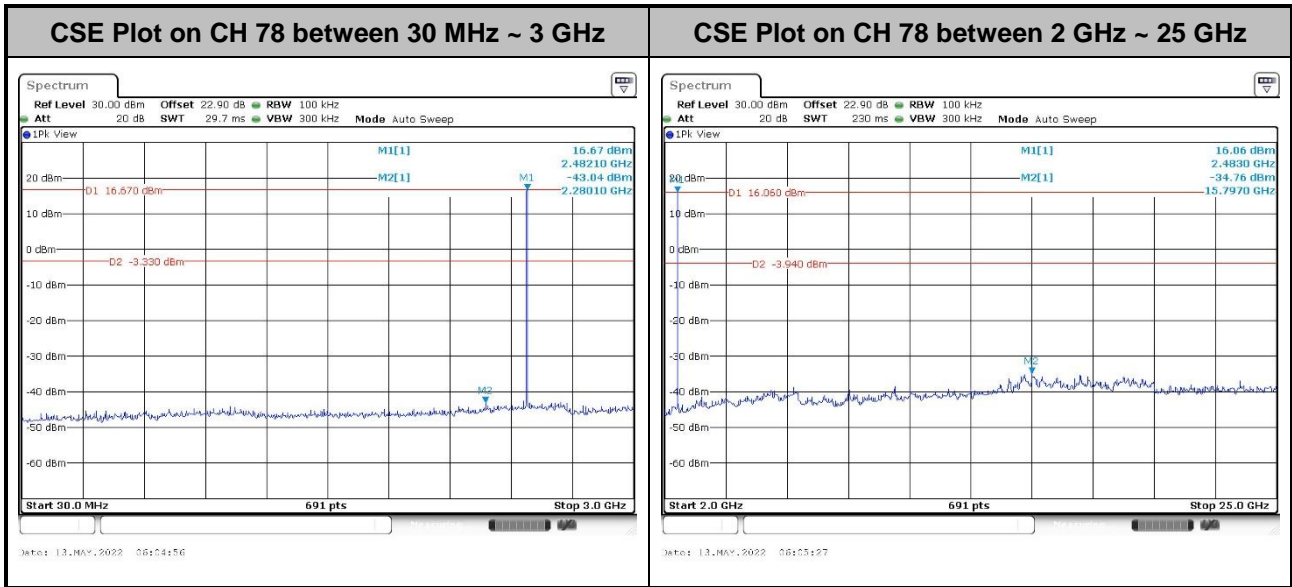




MIMO <Ant. 4>

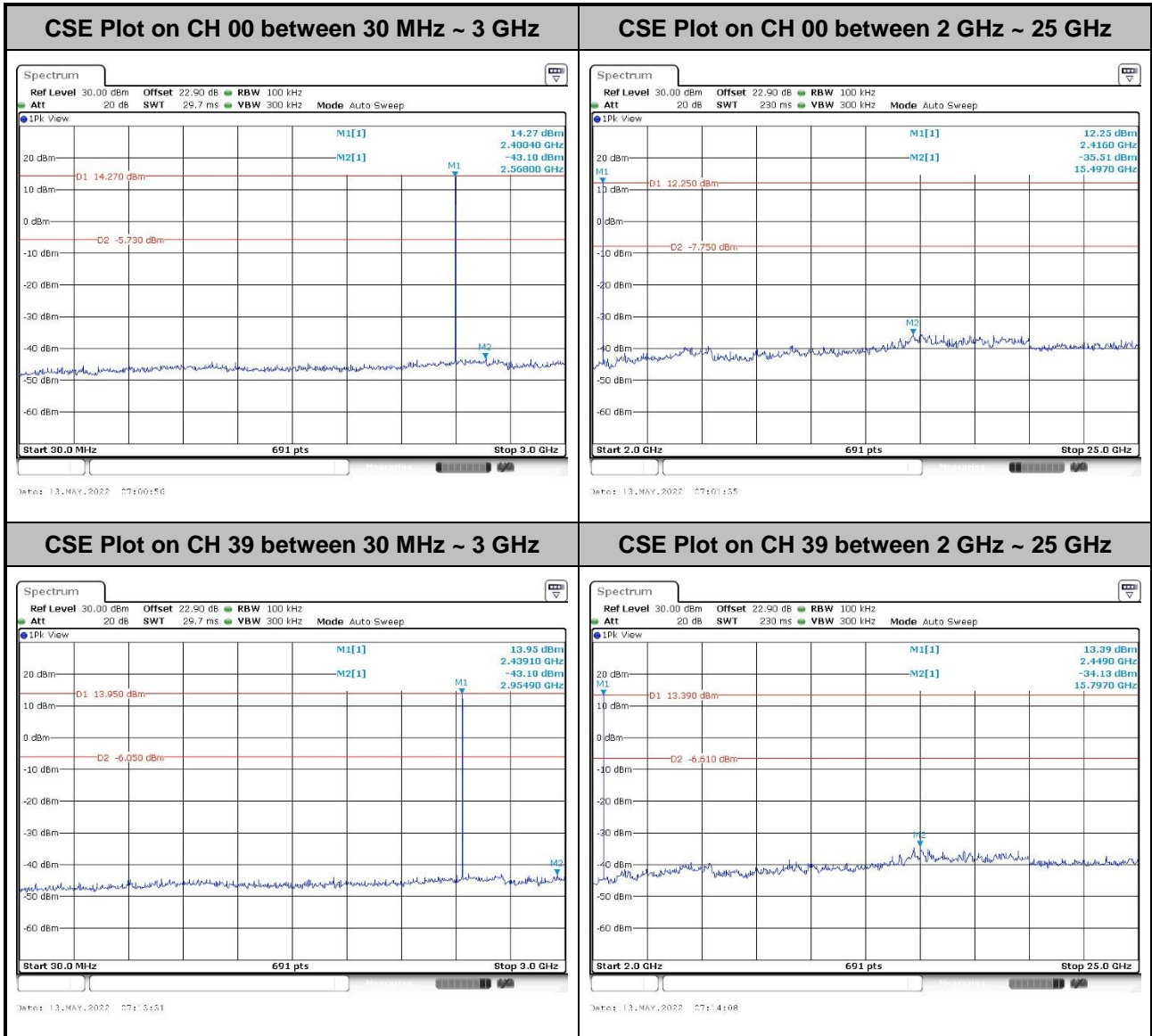
<1Mbps>

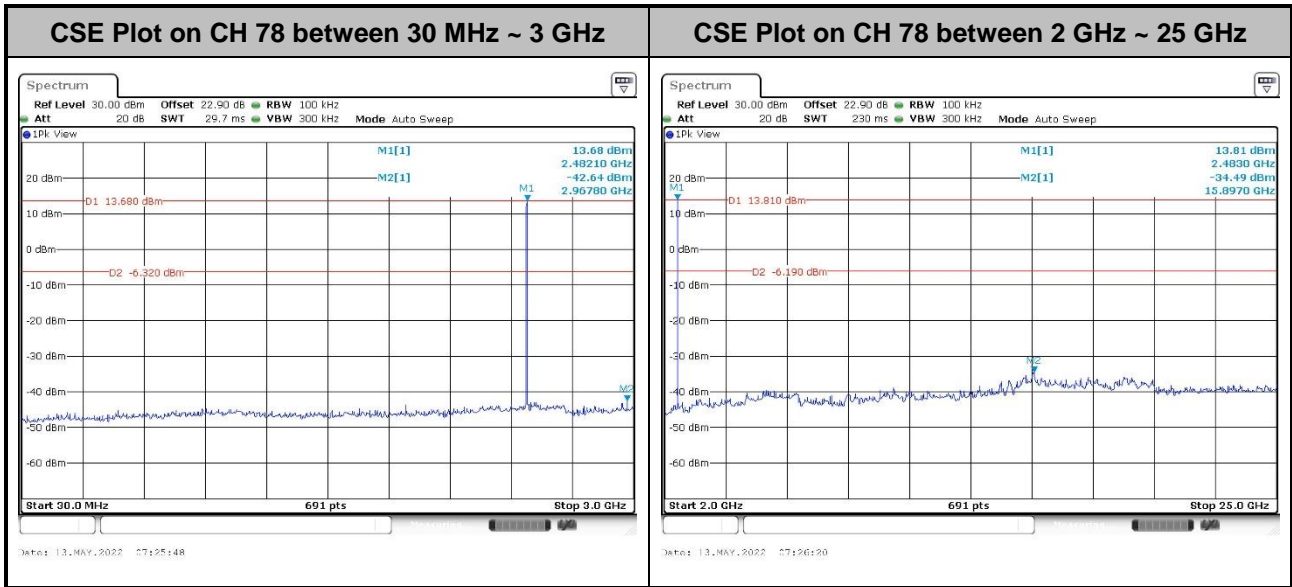






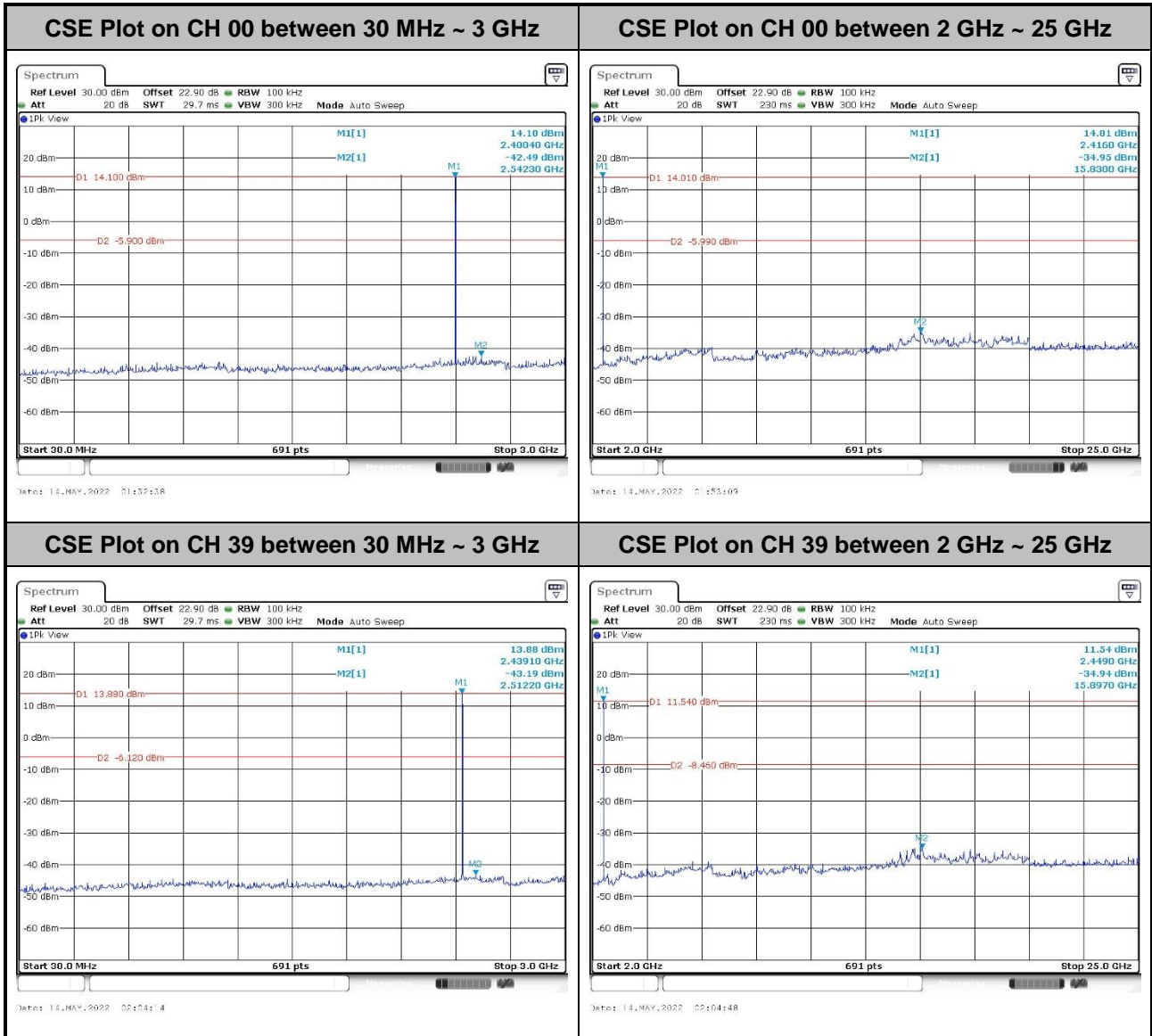
<2Mbps>

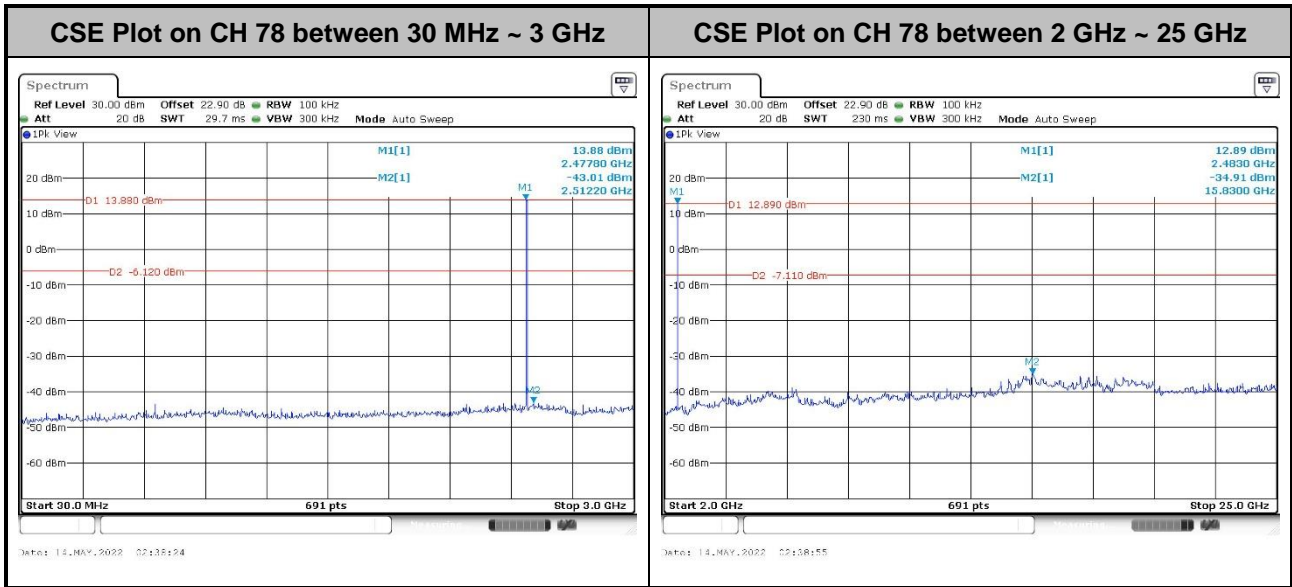






<3Mbps>

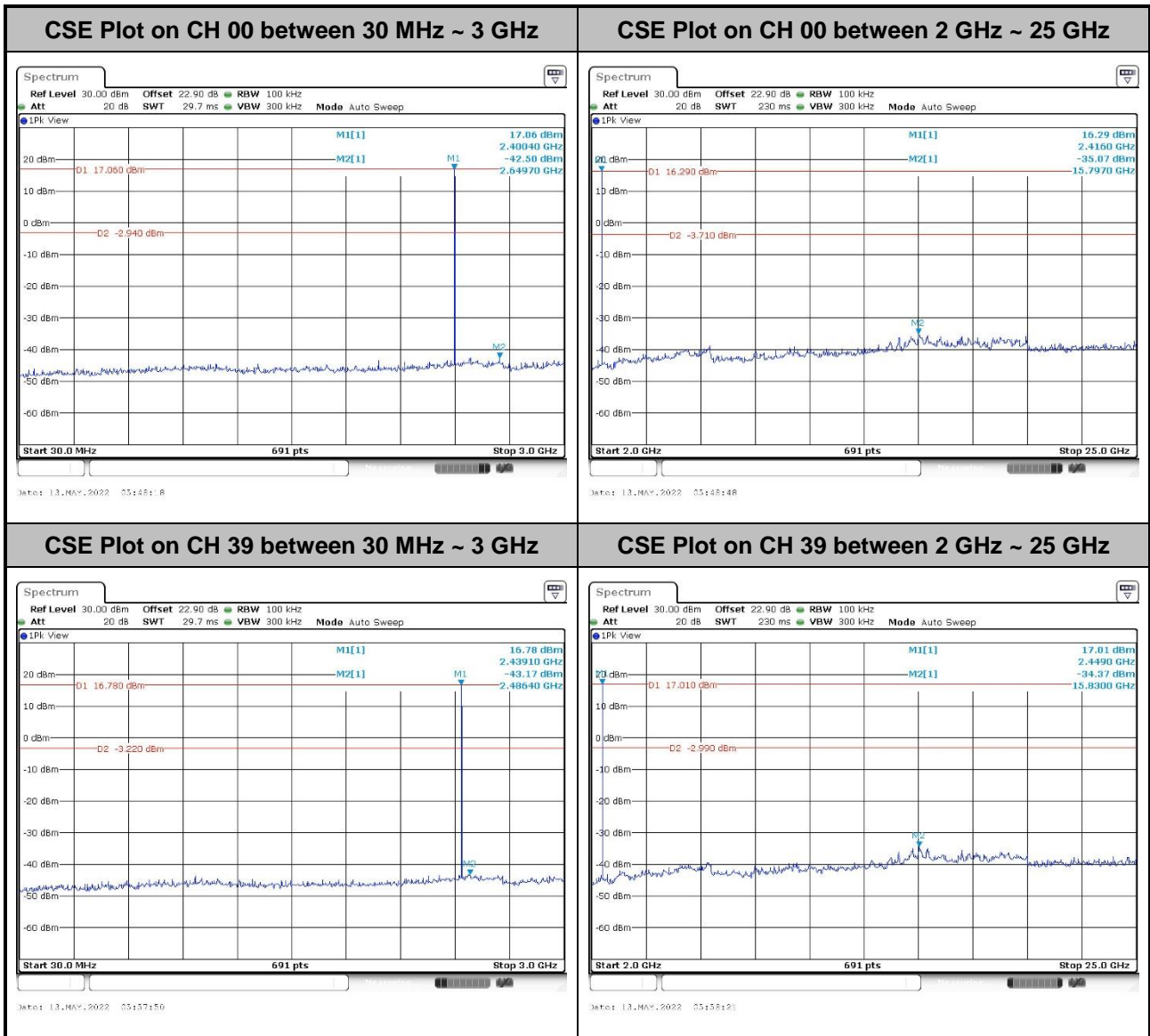




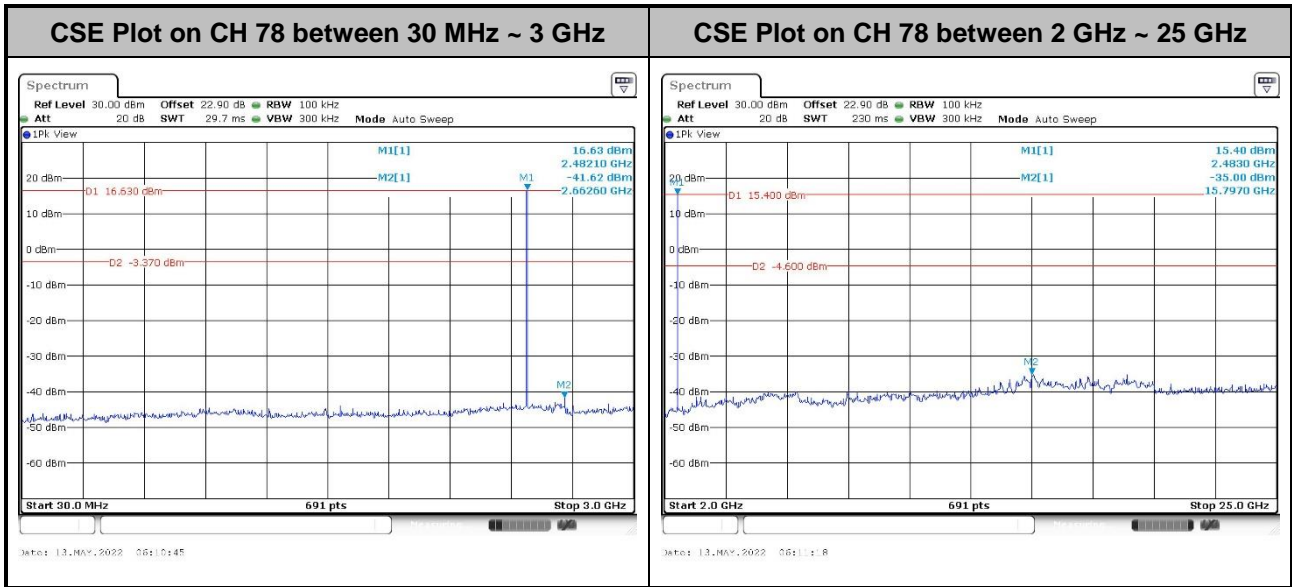


MIMO <Ant. 3>

<1Mbps>

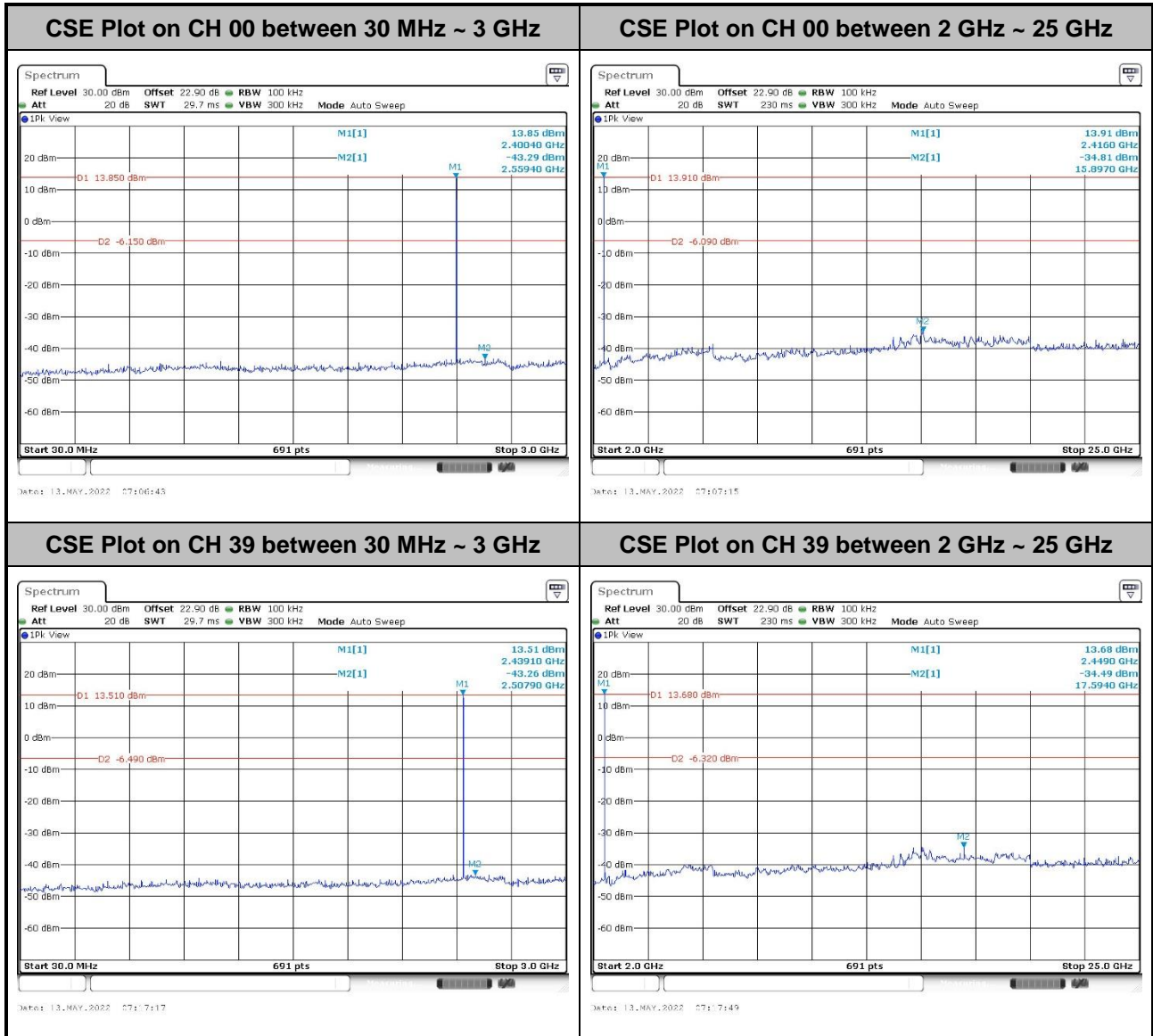


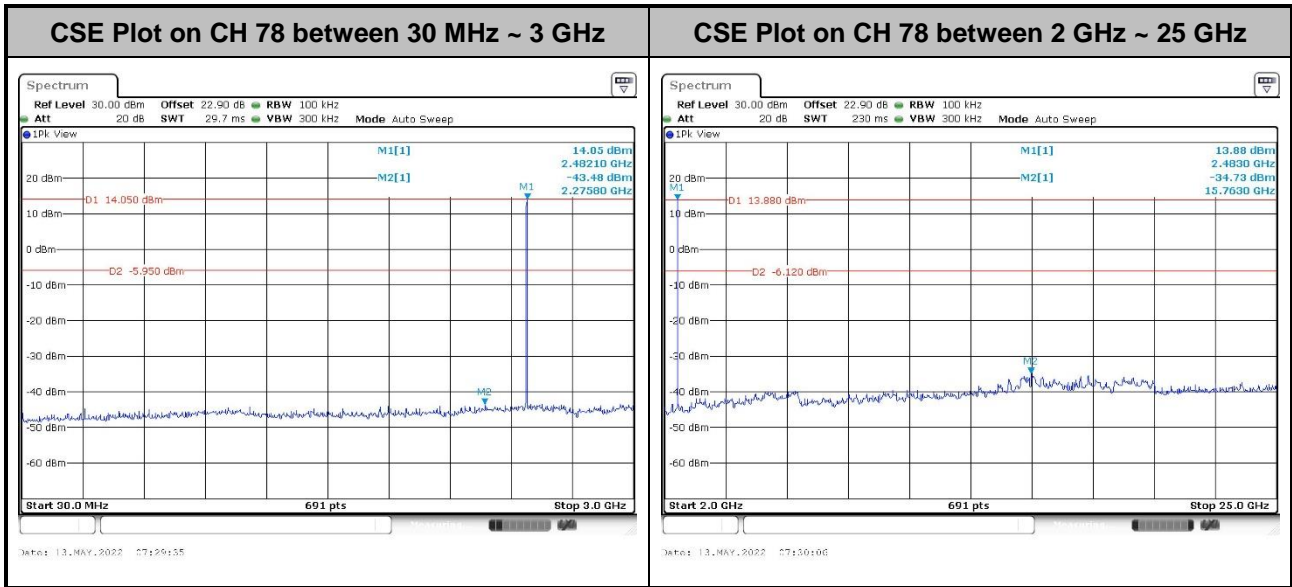






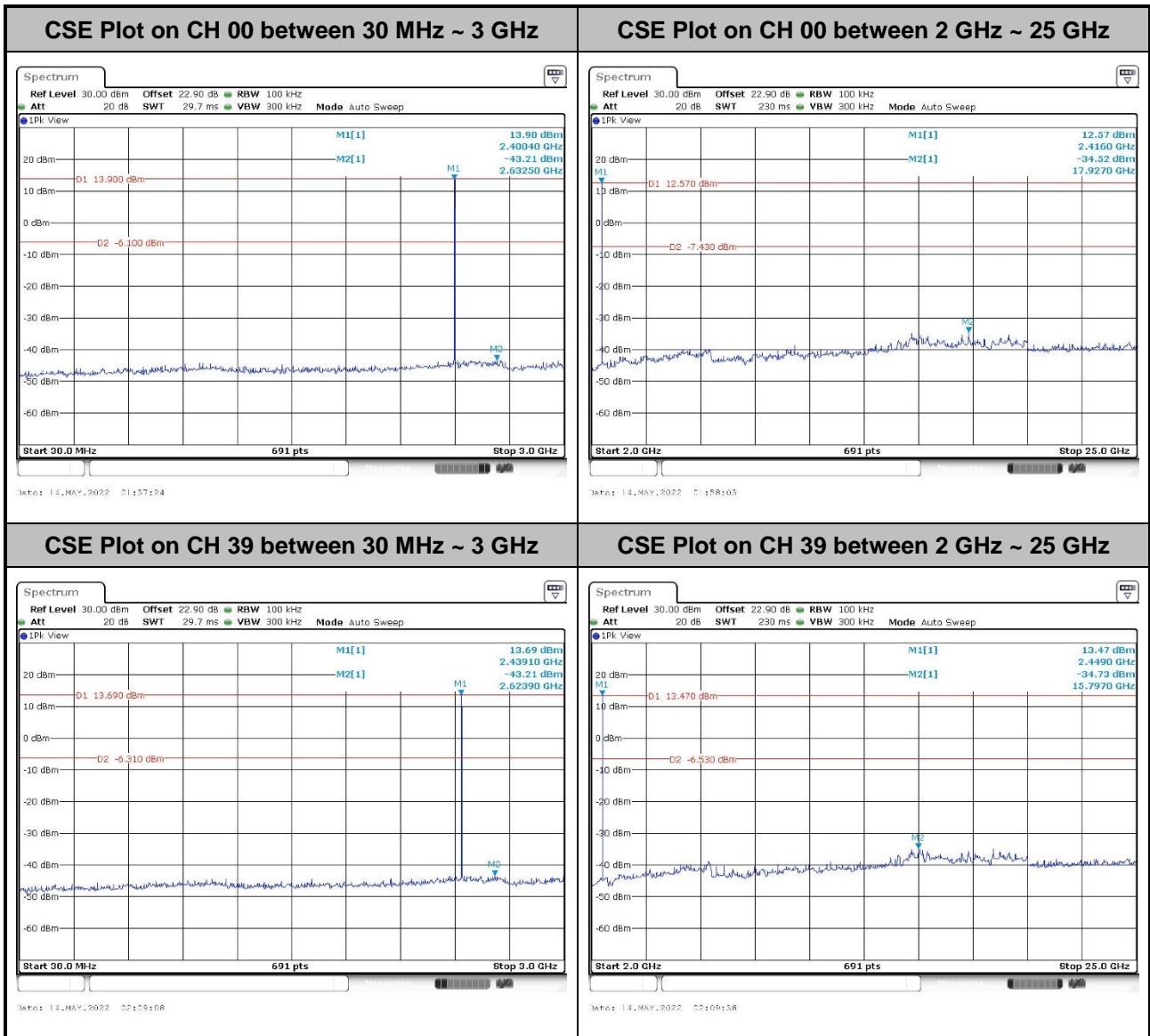
<2Mbps>

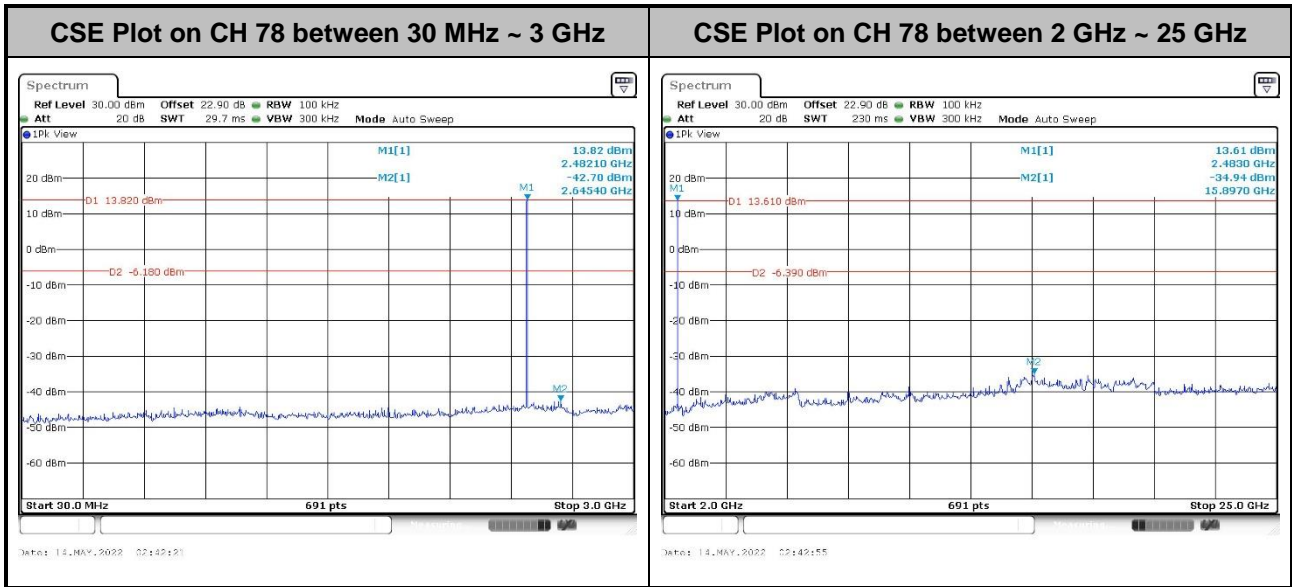






<3Mbps>







### 3.8 Radiated Band Edges and Spurious Emission Measurement

#### 3.8.1 Limit of Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics / spurious must be at least 20 dB below the highest emission level within the authorized band. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

#### 3.8.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.



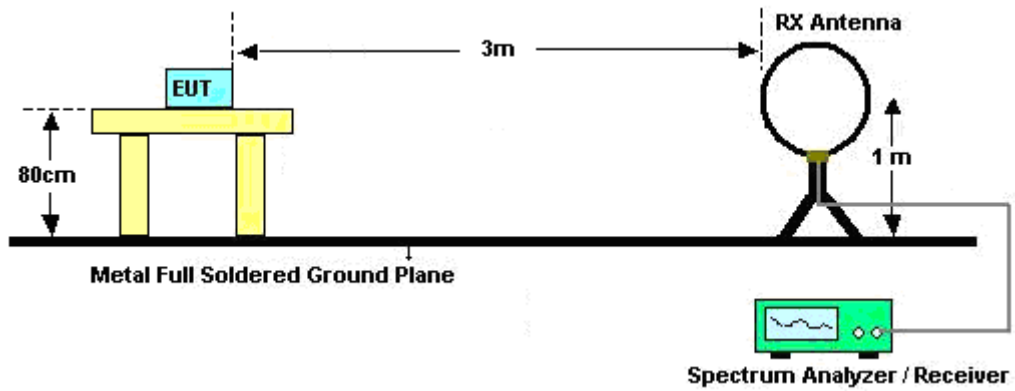
### 3.8.3 Test Procedures

1. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
2. The EUT is set 3 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
3. For each suspected emission, the EUT is arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
4. Set the maximum power setting and enable the EUT to transmit continuously.
5. Use the following spectrum analyzer settings:
  - (1) Span shall wide enough to fully capture the emission being measured;
  - (2) Set RBW = 100 kHz for  $f < 1$  GHz, RBW = 1 MHz for  $f > 1$  GHz ; VBW  $\geq$  RBW; Sweep = auto; Detector function = peak; Trace = max hold for peak
  - (3) For average measurement: use duty cycle correction factor method per 15.35(c).  
Duty cycle = On time/100 milliseconds  
On time =  $N_1 * L_1 + N_2 * L_2 + \dots + N_{n-1} * L_{n-1} + N_n * L_n$   
Where  $N_1$  is number of type 1 pulses,  $L_1$  is length of type 1 pulses, etc.  
Average Emission Level = Peak Emission Level +  $20 * \log$  (Duty cycle)
6. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
7. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-“.
8. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-“.

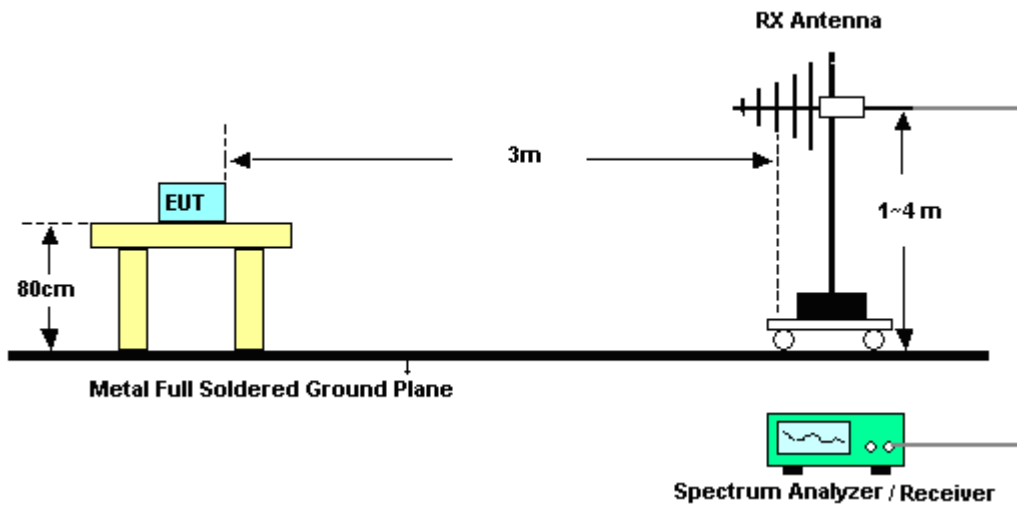
Note: The average levels are calculated from the peak level corrected with duty cycle correction factor (-24.76dB for Ant. 4, Ant. 3 (3Mbps), MIMO Ant. 4+3 and -24.79dB for Ant. 3 (1Mbps)) derived from  $20 \log$  (dwell time/100ms). This correction is only for signals that hop with the fundamental signal, such as band-edge and harmonic. Other spurious signals that are independent of the hopping signal would not use this correction.

### 3.8.4 Test Setup

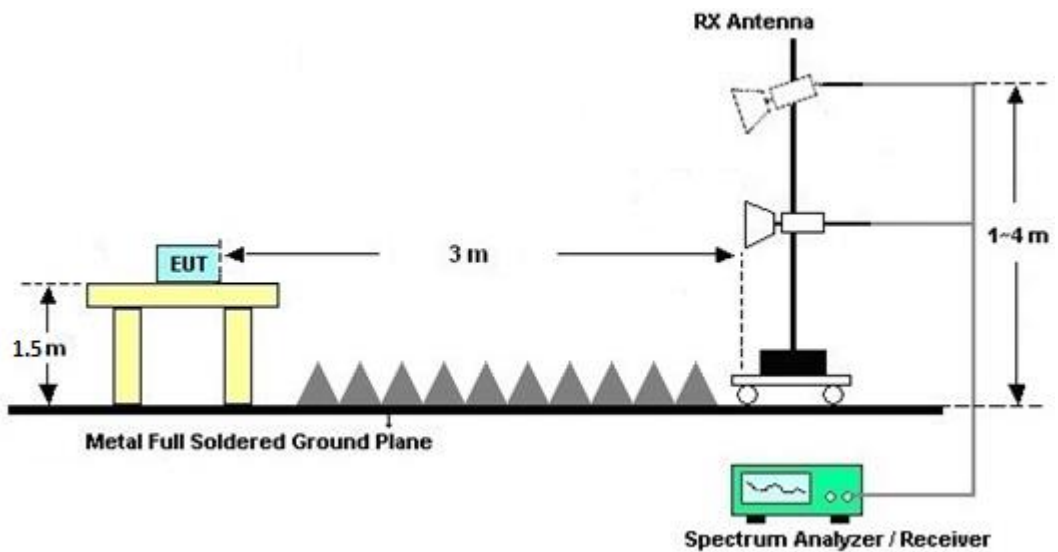
For radiated test below 30MHz



For radiated test from 30MHz to 1GHz

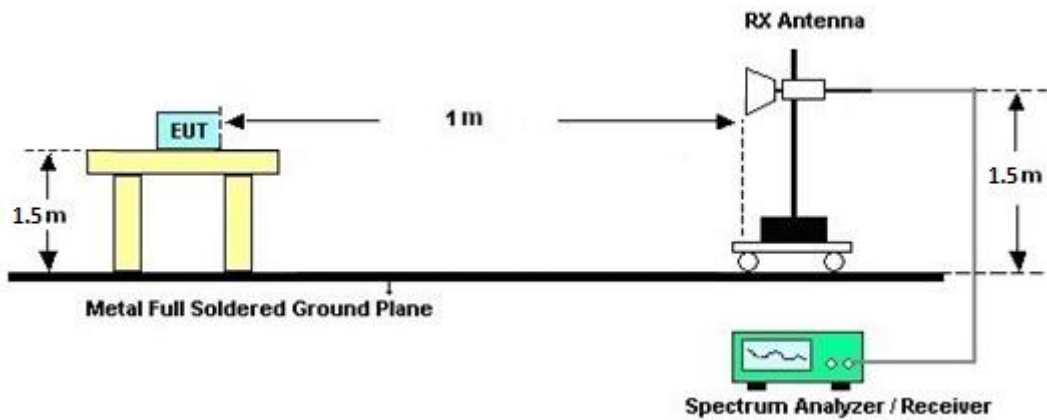


For radiated test from 1GHz to 18GHz





For radiated test above 18GHz



### 3.8.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result comes out very similar.

### 3.8.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

### 3.8.7 Duty Cycle

Please refer to Appendix E.

### 3.8.8 Test Result of Radiated Spurious Emission (30MHz ~ 10<sup>th</sup> Harmonic)

Please refer to Appendix C and D.



### 3.9 AC Conducted Emission Measurement

#### 3.9.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dB $\mu$ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

\*Decreases with the logarithm of the frequency.

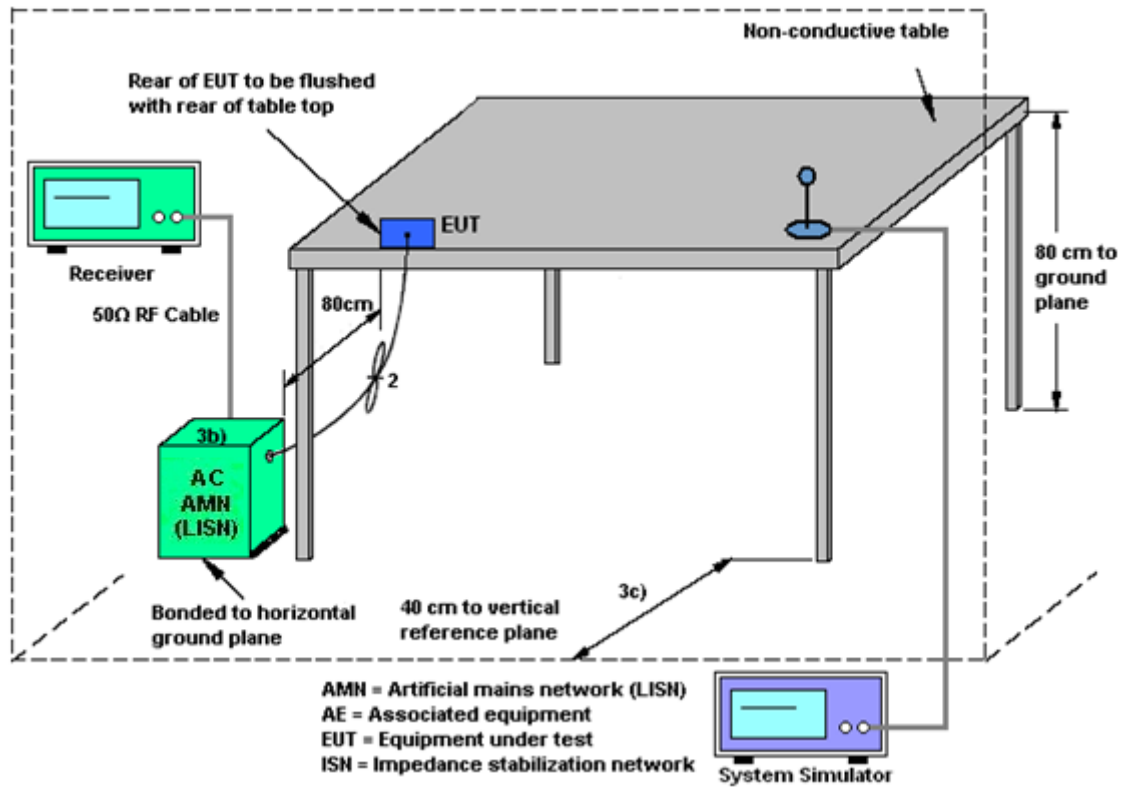
#### 3.9.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

#### 3.9.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9 kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

### 3.9.4 Test Setup



### 3.9.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



## **3.10 Antenna Requirements**

### **3.10.1 Standard Applicable**

If directional gain of transmitting antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

### **3.10.2 Antenna Anti-Replacement Construction**

An embedded-in antenna design is used.

### **3.10.3 Antenna Gain**

<CDD Modes >

For power measurements on IEEE 802.11 devices,

Directional gain =  $G_{ANT}$  + Array Gain, where Array Gain is as follows:

Array Gain = 0 dB (i.e., no array gain) for  $N_{ANT} \leq 4$ .

$G_{ANT}$  is set equal to the gain of the antenna having the highest gain.



## 4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~50 MHz	Jan. 07, 2022	Apr. 09, 2022~ Apr. 25, 2022	Jan. 06, 2023	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 09, 2021	Apr. 09, 2022~ Apr. 25, 2022	Oct. 08, 2022	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1326	1GHz ~ 18GHz	Oct. 25, 2021	Apr. 09, 2022~ Apr. 25, 2022	Oct. 24, 2022	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz~40GHz	Nov. 30, 2021	Apr. 09, 2022~ Apr. 25, 2022	Nov. 29, 2022	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 10, 2021	Apr. 09, 2022~ Apr. 25, 2022	Dec. 09, 2022	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 10, 2021	Apr. 09, 2022~ Apr. 25, 2022	Nov. 09, 2022	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-30 3	17100018000 55007	1GHz~18GHz	Jun. 16, 2021	Apr. 09, 2022~ Apr. 25, 2022	Jun. 15, 2022	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 22, 2021	Apr. 09, 2022~ Apr. 25, 2022	Jun. 21, 2022	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 15, 2021	Apr. 09, 2022~ Apr. 25, 2022	Oct. 14, 2022	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY55420170	20MHz~8.4GHz	Jul. 15, 2021	Apr. 09, 2022~ Apr. 25, 2022	Jul. 14, 2022	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 09, 2022~ Apr. 25, 2022	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Apr. 09, 2022~ Apr. 25, 2022	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Apr. 09, 2022~ Apr. 25, 2022	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Apr. 09, 2022~ Apr. 25, 2022	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 10, 2022	Apr. 09, 2022~ Apr. 25, 2022	Mar. 09, 2023	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz-30MHz	Mar. 10, 2022	Apr. 09, 2022~ Apr. 25, 2022	Mar. 09, 2023	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	30MHz-18GHz	Mar. 10, 2022	Apr. 09, 2022~ Apr. 25, 2022	Mar. 09, 2023	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	811852/4	30MHz-18GHz	Mar. 10, 2022	Apr. 09, 2022~ Apr. 25, 2022	Mar. 09, 2023	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN11	1.53G Low Pass	Sep. 13, 2021	Apr. 09, 2022~ Apr. 25, 2022	Sep. 12, 2022	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 0SS	SN3	3GHz High Pass Filter	Sep. 13, 2021	Apr. 09, 2022~ Apr. 25, 2022	Sep. 12, 2022	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40SS	SN3	6.75GHz High Pass Filter	Sep. 13, 2021	Apr. 09, 2022~ Apr. 25, 2022	Sep. 12, 2022	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-900- 1000-15000-60 SS	SN12	1GHz High Pass Filter	Nov. 04, 2021	Apr. 09, 2022~ Apr. 25, 2022	Nov. 03, 2022	Radiation (03CH11-HY)
Hygrometer	TECEPEL	DTM-303B	TP140325	N/A	Nov. 26, 2021	Apr. 09, 2022~ Apr. 25, 2022	Nov. 25, 2022	Radiation (03CH11-HY)
Hygrometer	TECEPEL	DTM-303B	TP200880	N/A	Sep. 30, 2021	Apr. 09, 2022~ Apr. 25, 2022	Sep. 29, 2022	Radiation (03CH11-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECEPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Mar. 29, 2022~ May 14, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Meter	Anritsu	ML2495A	1036004	N/A	Aug. 01, 2021	Mar. 29, 2022~ May 14, 2022	Jul. 31, 2022	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1027253	300MHz~40GHz	Aug. 01, 2021	Mar. 29, 2022~ May 14, 2022	Jul. 31, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Mar. 29, 2022~ May 14, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Control Mainframe	E-IUSTRUMENT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Mar. 29, 2022~ May 14, 2022	Aug. 11, 2022	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Apr. 22, 2022	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Apr. 22, 2022	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 29, 2021	Apr. 22, 2022	Oct. 28, 2022	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 16, 2022	Apr. 22, 2022	Mar. 15, 2023	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Feb. 16, 2022	Apr. 22, 2022	Feb. 15, 2023	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI7	100724	9kHz~7GHz	Feb. 24, 2022	Apr. 22, 2022	Feb. 23, 2023	Conduction (CO07-HY)



## 5 Uncertainty of Evaluation

### Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	2.3 dB
---	--------

### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.8 dB
---	--------

### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.4 dB
---	--------

### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.9 dB
---	--------

**Appendix A. Test Result of Conducted Test Items**

Test Engineer:	Jacob Yu/Junyu Zhou	Temperature:	21~25	°C
Test Date:	2022/3/29	Relative Humidity:	51~54	%

&lt;Ant. 4&gt;

**TEST RESULTS DATA****20dB and 99% Occupied Bandwidth and Hopping Channel Separation**

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	20db BW (MHz)	99% Bandwidth (MHz)	Hopping Channel Separation Measurement (MHz)	Hopping Channel Separation Measurement Limit (MHz)	Pass/Fail
DH	1Mbps	1	0	2402	1.019	0.906	0.999	0.6792	Pass
DH	1Mbps	1	39	2441	1.022	0.906	0.999	0.6811	Pass
DH	1Mbps	1	78	2480	1.022	0.906	0.999	0.6811	Pass
2DH	2Mbps	1	0	2402	1.303	1.184	0.994	0.8683	Pass
2DH	2Mbps	1	39	2441	1.303	1.184	0.999	0.8683	Pass
2DH	2Mbps	1	78	2480	1.303	1.181	0.999	0.8683	Pass
3DH	3Mbps	1	0	2402	1.259	1.161	0.999	0.8393	Pass
3DH	3Mbps	1	39	2441	1.259	1.161	1.003	0.8393	Pass
3DH	3Mbps	1	78	2480	1.259	1.161	1.003	0.8393	Pass

**TEST RESULTS DATA****Dwell Time**

Mod.	Hopping Channel Number Rate	Hops Over Occupancy Time(hops)	Package Transfer Time (msec)	Dwell Time (sec)	Limits (sec)	Pass/Fail
Nomal	79	106.67	2.90	0.31	0.4	Pass
AFH	20	53.33	2.90	0.15	0.4	Pass



**TEST RESULTS DATA**

**Peak Power Table**

DH	CH.	NTX	Peak Power (dBm)	Power Limit (dBm)	Test Result
DH1	0	1	<b>20.86</b>	20.97	Pass
	39	1	20.76	20.97	Pass
	78	1	20.47	20.97	Pass
2DH1	0	1	<b>20.55</b>	20.97	Pass
	39	1	20.28	20.97	Pass
	78	1	19.87	20.97	Pass
3DH1	0	1	<b>20.80</b>	20.97	Pass
	39	1	20.71	20.97	Pass
	78	1	20.39	20.97	Pass

**TEST RESULTS DATA**

**Average Power Table**

**(Reporting Only)**

DH	CH.	NTX	Average Power (dBm)	Duty Factor (dB)
DH1	0	1	<b>19.43</b>	5.15
	39	1	19.26	5.15
	78	1	18.98	5.15
2DH1	0	1	<b>17.93</b>	5.05
	39	1	17.57	5.05
	78	1	17.18	5.05
3DH1	0	1	<b>18.01</b>	5.08
	39	1	17.61	5.08
	78	1	17.20	5.08

**TEST RESULTS DATA**

**Number of Hopping Frequency**

Number of Hopping (Channel)	Adaptive Frequency Hopping (Channel)	Limits (Channel)	Pass/Fail
79	20	> 15	Pass

&lt;Ant. 3&gt;

**TEST RESULTS DATA****20dB and 99% Occupied Bandwidth and Hopping Channel Separation**

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	20db BW (MHz)	99% Bandwidth (MHz)	Hopping Channel Separation Measurement (MHz)	Hopping Channel Separation Measurement Limit (MHz)	Pass/Fail
DH	1Mbps	1	0	2402	1.022	0.906	0.999	0.6811	Pass
DH	1Mbps	1	39	2441	1.022	0.906	0.999	0.6811	Pass
DH	1Mbps	1	78	2480	1.022	0.906	0.999	0.6811	Pass
2DH	2Mbps	1	0	2402	1.303	1.184	0.994	0.8683	Pass
2DH	2Mbps	1	39	2441	1.303	1.184	0.999	0.8683	Pass
2DH	2Mbps	1	78	2480	1.303	1.184	0.999	0.8683	Pass
3DH	3Mbps	1	0	2402	1.263	1.161	0.994	0.8423	Pass
3DH	3Mbps	1	39	2441	1.259	1.161	1.003	0.8393	Pass
3DH	3Mbps	1	78	2480	1.259	1.161	0.999	0.8393	Pass

**TEST RESULTS DATA****Dwell Time**

Mod.	Hopping Channel Number Rate	Hops Over Occupancy Time(hops)	Package Transfer Time (msec)	Dwell Time (sec)	Limits (sec)	Pass/Fail
Nomal	79	106.67	2.90	0.31	0.4	Pass
AFH	20	53.33	2.90	0.15	0.4	Pass

**TEST RESULTS DATA**

**Peak Power Table**

DH	CH.	NTX	Peak Power (dBm)	Power Limit (dBm)	Test Result
DH1	0	1	<b>20.77</b>	20.97	Pass
	39	1	20.63	20.97	Pass
	78	1	20.26	20.97	Pass
2DH1	0	1	<b>20.50</b>	20.97	Pass
	39	1	20.21	20.97	Pass
	78	1	19.83	20.97	Pass
3DH1	0	1	<b>20.72</b>	20.97	Pass
	39	1	20.57	20.97	Pass
	78	1	20.19	20.97	Pass

**TEST RESULTS DATA**

**Average Power Table**

***(Reporting Only)***

DH	CH.	NTX	Average Power (dBm)	Duty Factor (dB)
DH1	0	1	<b>19.35</b>	5.15
	39	1	19.20	5.15
	78	1	18.75	5.15
2DH1	0	1	<b>17.85</b>	5.05
	39	1	17.50	5.05
	78	1	17.06	5.05
3DH1	0	1	<b>17.93</b>	5.08
	39	1	17.58	5.08
	78	1	17.14	5.08

**TEST RESULTS DATA**

**Number of Hopping Frequency**

Number of Hopping (Channel)	Adaptive Frequency Hopping (Channel)	Limits (Channel)	Pass/Fail
79	20	> 15	Pass

MIMO <Ant. 3+4>

<b>TEST RESULTS DATA</b>									
<b>20dB and 99% Occupied Bandwidth and Hopping Channel Separation</b>									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	20db BW (MHz)	99% Bandwidth (MHz)	Hopping Channel Separation Measurement (MHz)	Hopping Channel Separation Measurement Limit (MHz)	Pass/Fail
DH	1Mbps	2	0	2402	1.019	0.903	0.999	0.6792	Pass
DH	1Mbps	2	39	2441	1.019	0.903	0.999	0.6792	Pass
DH	1Mbps	2	78	2480	1.022	0.903	1.155	0.6811	Pass
2DH	2Mbps	2	0	2402	1.298	1.181	1.003	0.8654	Pass
2DH	2Mbps	2	39	2441	1.303	1.184	1.007	0.8683	Pass
2DH	2Mbps	2	78	2480	1.298	1.181	0.999	0.8654	Pass
3DH	3Mbps	2	0	2402	1.259	1.152	1.003	0.8393	Pass
3DH	3Mbps	2	39	2441	1.259	1.161	1.003	0.8393	Pass
3DH	3Mbps	2	78	2480	1.263	1.161	0.999	0.8423	Pass

<b>TEST RESULTS DATA</b>						
<b>Dwell Time</b>						
Mod.	Hopping Channel Number Rate	Hops Over Occupancy Time(hops)	Package Transfer Time (msec)	Dwell Time (sec)	Limits (sec)	Pass/Fail
Normal	79	106.67	2.90	0.31	0.4	Pass
AFH	20	53.33	2.90	0.15	0.4	Pass

<b>TEST RESULTS DATA</b>							
<b>Peak Power Table</b>							
DH	CH.	NTX	Peak Power Ant 4(dBm)	Peak Power Ant 3 (dBm)	Peak Power Total (dBm)	Power Limit (dBm)	Test Result
DH1	0	2	17.94	17.91	<b>20.94</b>	20.97	Pass
	39	2	17.69	17.61	20.66	20.97	Pass
	78	2	17.22	17.16	20.20	20.97	Pass
2DH1	0	2	17.47	17.30	<b>20.40</b>	20.97	Pass
	39	2	16.99	16.96	19.99	20.97	Pass
	78	2	16.87	16.81	19.85	20.97	Pass
3DH1	0	2	17.83	17.69	<b>20.77</b>	20.97	Pass
	39	2	17.48	17.43	20.47	20.97	Pass
	78	2	17.13	17.09	20.12	20.97	Pass

<b>TEST RESULTS DATA</b>						
<b>Average Power Table</b>						
<b>(Reporting Only)</b>						
DH	CH.	NTX	Average Power Ant 4(dBm)	Average Power Ant 3 (dBm)	Average Power Total (dBm)	Duty Factor (dB)
DH1	0	2	17.34	17.25	<b>20.30</b>	5.12
	39	2	16.94	16.83	19.89	5.12
	78	2	16.62	16.50	19.57	5.12
2DH1	0	2	14.43	14.42	<b>17.44</b>	5.05
	39	2	14.04	14.05	17.06	5.05
	78	2	13.82	13.80	16.82	5.05
3DH1	0	2	14.49	14.43	<b>17.47</b>	5.05
	39	2	14.09	14.05	17.08	5.05
	78	2	13.88	13.82	16.86	5.05

<b>TEST RESULTS DATA</b>			
<b>Number of Hopping Frequency</b>			
Number of Hopping (Channel)	Adaptive Frequency Hopping (Channel)	Limits (Channel)	Pass/Fail
79	20	> 15	Pass



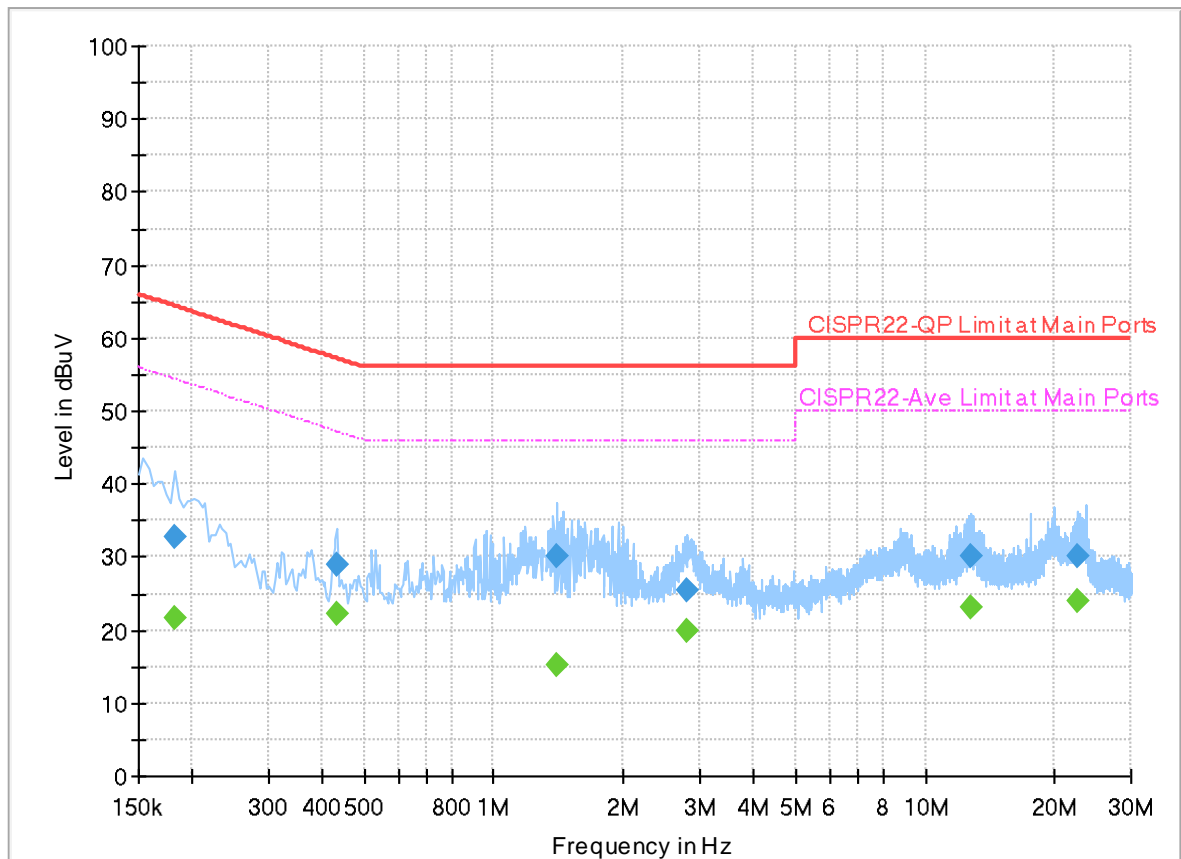
## Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	Temperature :	24.7~27.8°C
		Relative Humidity :	45.2~63.8%

## EUT Information

Report NO : 1O2843-06  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Line

Full Spectrum



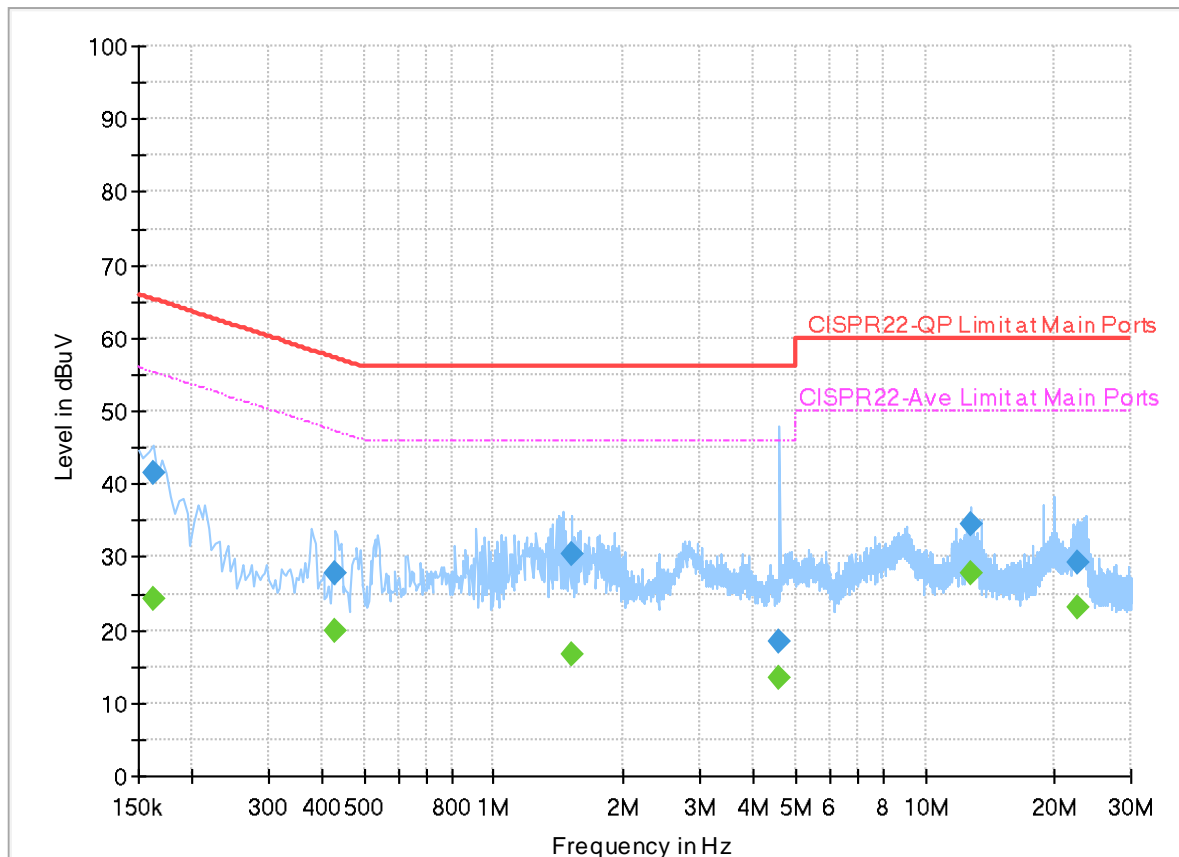
## Final\_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.182000	---	21.54	54.39	32.85	L1	OFF	20.0
0.182000	32.69	---	64.39	31.70	L1	OFF	20.0
0.434000	---	22.19	47.18	24.99	L1	OFF	20.0
0.434000	28.94	---	57.18	28.24	L1	OFF	20.0
1.402000	---	15.34	46.00	30.66	L1	OFF	20.0
1.402000	30.02	---	56.00	25.98	L1	OFF	20.0
2.802000	---	20.01	46.00	25.99	L1	OFF	20.0
2.802000	25.34	---	56.00	30.66	L1	OFF	20.0
12.754000	---	23.22	50.00	26.78	L1	OFF	20.2
12.754000	29.99	---	60.00	30.01	L1	OFF	20.2
22.486000	---	24.05	50.00	25.95	L1	OFF	20.3
22.486000	30.05	---	60.00	29.95	L1	OFF	20.3

## EUT Information

Report NO : 1O2843-06  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Neutral

Full Spectrum



## Final\_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.162000	---	24.28	55.36	31.08	N	OFF	20.0
0.162000	41.49	---	65.36	23.87	N	OFF	20.0
0.430000	---	19.83	47.25	27.42	N	OFF	20.0
0.430000	27.67	---	57.25	29.58	N	OFF	20.0
1.518000	---	16.55	46.00	29.45	N	OFF	20.0
1.518000	30.29	---	56.00	25.71	N	OFF	20.0
4.602000	---	13.32	46.00	32.68	N	OFF	20.1
4.602000	18.54	---	56.00	37.46	N	OFF	20.1
12.766000	---	27.83	50.00	22.17	N	OFF	20.2
12.766000	34.45	---	60.00	25.55	N	OFF	20.2
22.658000	---	23.01	50.00	26.99	N	OFF	20.3
22.658000	29.35	---	60.00	30.65	N	OFF	20.3



## Appendix C. Radiated Spurious Emission

Test Engineer :	Theodore, Fu Chen, Troye Hsieh	Temperature :	20.1~21.8°C
		Relative Humidity :	56.1~66.8%

<1Mbps>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT Ant	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
BT CH00 2402MHz		2336.67	42.79	-31.21	74	41.71	27.75	7.29	33.96	100	110	P	H	
		2336.67	18.03	-35.97	54	-	-	-	-	-	-	A	H	
	*	2402	106.7	-	-	105.68	27.6	7.37	33.95	100	110	P	H	
	*	2402	81.94	-	-	-	-	-	-	-	-	A	H	
													H	
			2321.55	42.64	-31.36	74	41.53	27.81	7.27	33.97	360	86	P	V
			2321.55	17.88	-36.12	54	-	-	-	-	-	-	A	V
	*	2402	104.55	-	-	103.53	27.6	7.37	33.95	360	86	P	V	
	*	2402	79.79	-	-	-	-	-	-	-	-	-	A	V
														V
BT CH 39 2441MHz		2377.9	43.16	-30.84	74	42.13	27.64	7.34	33.95	100	115	P	H	
		2377.9	18.4	-35.6	54	-	-	-	-	-	-	A	H	
	*	2441	107.85	-	-	106.84	27.52	7.43	33.94	100	115	P	H	
	*	2441	83.09	-	-	-	-	-	-	-	-	A	H	
			2488.17	42.62	-31.38	74	41.62	27.42	7.5	33.92	100	115	P	H
			2488.17	17.86	-36.14	54	-	-	-	-	-	-	A	H
			2350.88	44.32	-29.68	74	43.27	27.7	7.31	33.96	385	80	P	V
			2350.88	19.56	-34.44	54	-	-	-	-	-	-	A	V
	*	2441	105.65	-	-	104.64	27.52	7.43	33.94	385	80	P	V	
	*	2441	80.89	-	-	-	-	-	-	-	-	A	V	
			2485.93	43.32	-30.68	74	42.31	27.43	7.5	33.92	385	80	P	V
			2485.93	18.56	-35.44	54	-	-	-	-	-	-	A	V





BT Ant 4	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
<b>BT CH 78 2480MHz</b>	*	2480	113.27	-	-	112.27	27.44	7.49	33.93	120	140	P	H	
	*	2480	88.51	-	-	-	-	-	-	-	-	P	H	
		2483.72	67.54	-6.46	74	66.53	27.43	7.5	33.92	120	140	P	H	
		2483.72	42.78	-11.22	54	-	-	-	-	-	-	P	H	
													H	
													H	
	*	2480	111.6	-	-	110.6	27.44	7.49	33.93	380	77	P	V	
	*	2480	86.84	-	-	-	-	-	-	-	-	-	P	V
		2483.84	47.29	-26.71	74	46.28	27.43	7.5	33.92	380	77	P	V	
		2483.84	22.53	-31.47	54	-	-	-	-	-	-	P	V	
													V	
													V	
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> </ol>													



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT Ant 4	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4804	37.74	-36.26	74	53.51	31.29	11.4	58.46	-	-	P	H
		4804	12.98	-41.02	54	-	-	-	-	-	-	A	H
		10920	48.24	-25.76	74	52.11	40.22	17.31	61.4	-	-	P	H
		10920	23.48	-30.52	54	-	-	-	-	-	-	A	H
		14500	48.96	-25.04	74	49.82	41.3	20.84	63	-	-	P	H
		14500	24.2	-29.8	54	-	-	-	-	-	-	A	H
		18000	53.99	-20.01	74	40.75	46.8	23.04	56.6	-	-	P	H
		18000	29.23	-24.77	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
BT CH 00 2402MHz		4804	38.66	-35.34	74	54.43	31.29	11.4	58.46	-	-	P	V
		4804	13.9	-40.1	54	-	-	-	-	-	-	A	V
		11430	47.93	-26.07	74	52.47	39.9	17.58	62.02	-	-	P	V
		11430	23.17	-30.83	54	-	-	-	-	-	-	A	V
		14475	48.14	-25.86	74	49.06	41.3	20.81	63.03	-	-	P	V
		14475	23.38	-30.62	54	-	-	-	-	-	-	A	V
		17970	53.85	-20.15	74	41.19	46.32	23.01	56.67	-	-	P	V
		17970	29.09	-24.91	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V



BT Ant 4	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4882	38.71	-35.29	74	53.96	31.58	11.65	58.48	-	-	P	H
		4882	13.95	-40.05	54	-	-	-	-	-	-	A	H
		7323	42	-32	74	51.32	36.4	13.45	59.17	-	-	P	H
		7323	17.24	-36.76	54	-	-	-	-	-	-	A	H
		10950	48.88	-25.12	74	52.72	40.25	17.35	61.44	-	-	P	H
		10950	24.12	-29.88	54	-	-	-	-	-	-	A	H
		14490	48.1	-25.9	74	48.8	41.48	20.83	63.01	-	-	P	H
		14490	23.34	-30.66	54	-	-	-	-	-	-	A	H
		18000	54.93	-19.07	74	41.09	47.4	23.04	56.6	-	-	P	H
		18000	30.17	-23.83	54	-	-	-	-	-	-	A	H
													H
													H
<b>BT</b>													
<b>CH 39</b>													
<b>2441MHz</b>		4882	38.48	-35.52	74	53.73	31.58	11.65	58.48	-	-	P	V
		4882	13.72	-40.28	54	-	-	-	-	-	-	A	V
		7323	41.85	-32.15	74	51.17	36.4	13.45	59.17	-	-	P	V
		7323	17.09	-36.91	54	-	-	-	-	-	-	A	V
		10920	48.44	-25.56	74	52.25	40.28	17.31	61.4	-	-	P	V
		10920	23.68	-30.32	54	-	-	-	-	-	-	A	V
		14490	48.41	-25.59	74	49.11	41.48	20.83	63.01	-	-	P	V
		14490	23.65	-30.35	54	-	-	-	-	-	-	A	V
		17985	54.27	-19.73	74	40.78	47.1	23.03	56.64	-	-	P	V
		17985	29.51	-24.49	54	-	-	-	-	-	-	A	V
													V
													V



BT Ant 4	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4960	40.14	-33.86	74	55.24	31.5	11.89	58.49	-	-	P	H
		4960	15.38	-38.62	54	-	-	-	-	-	-	A	H
		7440	41.1	-32.9	74	49.79	36.68	13.75	59.12	-	-	P	H
		7440	16.34	-37.66	54	-	-	-	-	-	-	A	H
		11025	48.96	-25.04	74	52.87	40.2	17.42	61.53	-	-	P	H
		11025	24.2	-29.8	54	-	-	-	-	-	-	A	H
		14500	47.96	-26.04	74	48.82	41.3	20.84	63	-	-	P	H
		14500	23.2	-30.8	54	-	-	-	-	-	-	A	H
		17985	54.11	-19.89	74	41.16	46.56	23.03	56.64	-	-	P	H
		17985	29.35	-24.65	54	-	-	-	-	-	-	A	H
													H
													H
BT CH 78 2480MHz		4960	40.47	-33.53	74	55.57	31.5	11.89	58.49	-	-	P	V
		4960	15.71	-38.29	54	-	-	-	-	-	-	A	V
		7440	40.5	-33.5	74	49.19	36.68	13.75	59.12	-	-	P	V
		7440	15.74	-38.26	54	-	-	-	-	-	-	A	V
		11055	48.26	-25.74	74	52.32	40.08	17.43	61.57	-	-	P	V
		11055	23.5	-30.5	54	-	-	-	-	-	-	A	V
		14490	47.81	-26.19	74	48.69	41.3	20.83	63.01	-	-	P	V
		14490	23.05	-30.95	54	-	-	-	-	-	-	A	V
		18000	54.66	-19.34	74	41.42	46.8	23.04	56.6	-	-	P	V
		18000	29.9	-24.1	54	-	-	-	-	-	-	A	V
													V
													V

**Remark**

- No other spurious found.
- All results are PASS against Peak and Average limit line.
- The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
- The emission level close to 18GHz is checked that the average emission level is noise floor only.



<3Mbps>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT Ant	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
4		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
BT CH00 2402MHz		2389.8	44.19	-29.81	74	43.16	27.62	7.36	33.95	100	120	P	H	
		2389.8	19.43	-34.57	54	-	-	-	-	-	-	A	H	
	*	2402	116.44	-	-	115.42	27.6	7.37	33.95	100	120	P	H	
	*	2402	91.68	-	-	-	-	-	-	-	-	A	H	
													H	
													H	
			2387.07	42.97	-31.03	74	41.94	27.63	7.35	33.95	361	79	P	V
			2387.07	18.21	-35.79	54	-	-	-	-	-	-	A	V
	*		2402	113.95	-	-	112.93	27.6	7.37	33.95	361	79	P	V
	*		2402	89.19	-	-	-	-	-	-	-	-	A	V
													V	
													V	
BT CH 39 2441MHz		2389.94	43.67	-30.33	74	42.64	27.62	7.36	33.95	100	121	P	H	
		2389.94	18.91	-35.09	54	-	-	-	-	-	-	A	H	
	*	2441	116.77	-	-	115.76	27.52	7.43	33.94	100	121	P	H	
	*	2441	92.01	-	-	-	-	-	-	-	-	A	H	
			2489.99	45.03	-28.97	74	44.03	27.42	7.5	33.92	100	121	P	H
			2489.99	20.27	-33.73	54	-	-	-	-	-	-	A	H
			2321.34	42.73	-31.27	74	41.62	27.81	7.27	33.97	341	87	P	V
			2321.34	17.97	-36.03	54	-	-	-	-	-	-	A	V
	*		2441	113.78	-	-	112.77	27.52	7.43	33.94	341	87	P	V
	*		2441	89.02	-	-	-	-	-	-	-	-	A	V
			2484.39	43.05	-30.95	74	42.04	27.43	7.5	33.92	341	87	P	V
			2484.39	18.29	-35.71	54	-	-	-	-	-	-	A	V



BT Ant 4	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
BT CH 78 2480MHz	*	2480	114.99	-	-	113.99	27.44	7.49	33.93	100	117	P	H	
	*	2480	90.23	-	-	-	-	-	-	-	-	A	H	
		2485.52	63.95	-10.05	74	62.94	27.43	7.5	33.92	100	117	P	H	
		2485.52	39.19	-14.81	54	-	-	-	-	-	-	A	H	
													H	
													H	
	*	2480	111.82	-	-	110.82	27.44	7.49	33.93	300	89	P	V	
	*	2480	87.06	-	-	-	-	-	-	-	-	-	A	V
		2483.68	49.35	-24.65	74	48.34	27.43	7.5	33.92	300	89	P	V	
		2483.68	24.59	-29.41	54	-	-	-	-	-	-	A	V	
													V	
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT Ant 4	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4804	38.49	-35.51	74	54.26	31.29	11.4	58.46	-	-	P	H
		4804	13.73	-40.27	54	-	-	-	-	-	-	A	H
		10950	47.8	-26.2	74	51.64	40.25	17.35	61.44	-	-	P	H
		10950	23.04	-30.96	54	-	-	-	-	-	-	A	H
		14490	48.21	-25.79	74	49.09	41.3	20.83	63.01	-	-	P	H
		14490	23.45	-30.55	54	-	-	-	-	-	-	A	H
		17955	53.9	-20.1	74	41.53	46.08	23	56.71	-	-	P	H
		17955	29.14	-24.86	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
<b>BT CH 00 2402MHz</b>		4804	37.84	-36.16	74	53.61	31.29	11.4	58.46	-	-	P	V
		4804	13.08	-40.92	54	-	-	-	-	-	-	A	V
		11325	48.05	-25.95	74	52.65	39.75	17.54	61.89	-	-	P	V
		11325	23.29	-30.71	54	-	-	-	-	-	-	A	V
		14490	48.92	-25.08	74	49.8	41.3	20.83	63.01	-	-	P	V
		14490	24.16	-29.84	54	-	-	-	-	-	-	A	V
		17985	53.32	-20.68	74	40.37	46.56	23.03	56.64	-	-	P	V
		17985	28.56	-25.44	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V



BT Ant 4	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4882	38.5	-35.5	74	54.07	31.26	11.65	58.48	-	-	P	H
		4882	13.74	-40.26	54	-	-	-	-	-	-	A	H
		7323	41.4	-32.6	74	50.52	36.6	13.45	59.17	-	-	P	H
		7323	16.64	-37.36	54	-	-	-	-	-	-	A	H
		10965	47.97	-26.03	74	51.8	40.26	17.37	61.46	-	-	P	H
		10965	23.21	-30.79	54	-	-	-	-	-	-	A	H
		14475	48.68	-25.32	74	49.6	41.3	20.81	63.03	-	-	P	H
		14475	23.92	-30.08	54	-	-	-	-	-	-	A	H
		17970	53.21	-20.79	74	40.55	46.32	23.01	56.67	-	-	P	H
		17970	28.45	-25.55	54	-	-	-	-	-	-	A	H
													H
													H
<b>BT</b>													
<b>CH 39</b>													
<b>2441MHz</b>		4882	37.33	-36.67	74	52.9	31.26	11.65	58.48	-	-	P	V
		4882	12.57	-41.43	54	-	-	-	-	-	-	A	V
		7323	40.42	-33.58	74	49.54	36.6	13.45	59.17	-	-	P	V
		7323	15.66	-38.34	54	-	-	-	-	-	-	A	V
		11415	46.32	-27.68	74	50.84	39.9	17.58	62	-	-	P	V
		11415	21.56	-32.44	54	-	-	-	-	-	-	A	V
		14500	48.44	-25.56	74	49.3	41.3	20.84	63	-	-	P	V
		14500	23.68	-30.32	54	-	-	-	-	-	-	A	V
		17910	52.48	-21.52	74	40.98	45.36	22.96	56.82	-	-	P	V
		17910	27.72	-26.28	54	-	-	-	-	-	-	A	V
													V
													V





BT Ant 4	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4960	38.72	-35.28	74	53.82	31.5	11.89	58.49	-	-	P	H
		4960	13.96	-40.04	54	-	-	-	-	-	-	A	H
		7440	41.24	-32.76	74	49.93	36.68	13.75	59.12	-	-	P	H
		7440	16.48	-37.52	54	-	-	-	-	-	-	A	H
		10950	47.91	-26.09	74	51.75	40.25	17.35	61.44	-	-	P	H
		10950	23.15	-30.85	54	-	-	-	-	-	-	A	H
		14490	48.57	-25.43	74	49.45	41.3	20.83	63.01	-	-	P	H
		14490	23.81	-30.19	54	-	-	-	-	-	-	A	H
		17970	53.13	-20.87	74	40.47	46.32	23.01	56.67	-	-	P	H
		17970	28.37	-25.63	54	-	-	-	-	-	-	A	H
													H
													H
<b>BT CH 78 2480MHz</b>		4960	38.32	-35.68	74	53.42	31.5	11.89	58.49	-	-	P	V
		4960	13.56	-40.44	54	-	-	-	-	-	-	A	V
		7440	40.41	-33.59	74	49.1	36.68	13.75	59.12	-	-	P	V
		7440	15.65	-38.35	54	-	-	-	-	-	-	A	V
		11040	48.14	-25.86	74	52.12	40.14	17.43	61.55	-	-	P	V
		11040	23.38	-30.62	54	-	-	-	-	-	-	A	V
		14490	47.9	-26.1	74	48.78	41.3	20.83	63.01	-	-	P	V
		14490	23.14	-30.86	54	-	-	-	-	-	-	A	V
		17985	53.28	-20.72	74	40.33	46.56	23.03	56.64	-	-	P	V
		17985	28.52	-25.48	54	-	-	-	-	-	-	A	V
													V
													V

**Remark**

- No other spurious found.
- All results are PASS against Peak and Average limit line.
- The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
- The emission level close to 18GHz is checked that the average emission level is noise floor only.



<1Mbps>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT Ant	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
3		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
BT CH00 2402MHz		2328.165	43.61	-30.39	74	42.5	27.79	7.28	33.96	394	29	P	H	
		2328.165	18.82	-35.18	54	-	-	-	-	-	-	A	H	
	*	2402	104.58	-	-	103.56	27.6	7.37	33.95	394	29	P	H	
	*	2402	79.79	-	-	-	-	-	-	-	-	A	H	
													H	
			2363.97	43.7	-30.3	74	42.67	27.67	7.32	33.96	375	49	P	V
			2363.97	18.91	-35.09	54	-	-	-	-	-	-	A	V
	*		2402	96.42	-	-	95.4	27.6	7.37	33.95	375	49	P	V
	*		2402	71.63	-	-	-	-	-	-	-	-	A	V
														V
BT CH 39 2441MHz		2362.78	43.27	-30.73	74	42.24	27.67	7.32	33.96	100	115	P	H	
		2362.78	18.48	-35.52	54	-	-	-	-	-	-	A	H	
	*	2441	107.79	-	-	106.78	27.52	7.43	33.94	100	115	P	H	
	*	2441	83	-	-	-	-	-	-	-	-	A	H	
			2491.74	42.92	-31.08	74	41.91	27.42	7.51	33.92	100	115	P	H
			2491.74	18.13	-35.87	54	-	-	-	-	-	-	A	H
			2359.84	43.2	-30.8	74	42.16	27.68	7.32	33.96	384	89	P	V
			2359.84	18.41	-35.59	54	-	-	-	-	-	-	A	V
	*		2441	105.66	-	-	104.65	27.52	7.43	33.94	384	89	P	V
	*		2441	80.87	-	-	-	-	-	-	-	-	A	V
			2487.12	43.03	-30.97	74	42.02	27.43	7.5	33.92	384	89	P	V
			2487.12	18.24	-35.76	54	-	-	-	-	-	-	A	V



BT Ant 3	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
<b>BT CH 78 2480MHz</b>	*	2480	102.28	-	-	101.28	27.44	7.49	33.93	258	24	P	H	
	*	2480	87.49	-	-	-	-	-	-	-	-	A	H	
		2485.56	43.65	-30.35	74	42.64	27.43	7.5	33.92	258	24	P	H	
		2485.56	28.86	-25.14	54	-	-	-	-	-	-	A	H	
													H	
													H	
	*	2480	99.87	-	-	98.87	27.44	7.49	33.93	374	128	P	V	
	*	2480	85.08	-	-	-	-	-	-	-	-	-	A	V
		2490.56	42.82	-31.18	74	41.81	27.42	7.51	33.92	374	128	P	V	
		2490.56	28.03	-25.97	54	-	-	-	-	-	-	A	V	
													V	
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT Ant 3	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4804	37.02	-36.98	74	53.08	31	11.4	58.46	-	-	P	H
		4804	12.23	-41.77	54	-	-	-	-	-	-	A	H
		10905	47.94	-26.06	74	51.75	40.29	17.29	61.39	-	-	P	H
		10905	23.15	-30.85	54	-	-	-	-	-	-	A	H
		14475	48.29	-25.71	74	49.06	41.45	20.81	63.03	-	-	P	H
		14475	23.5	-30.5	54	-	-	-	-	-	-	A	H
		17985	52.63	-21.37	74	39.14	47.1	23.03	56.64	-	-	P	H
		17985	27.84	-26.16	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
BT CH 00 2402MHz		4804	37.14	-36.86	74	53.2	31	11.4	58.46	-	-	P	V
		4804	12.35	-41.65	54	-	-	-	-	-	-	A	V
		10845	47.54	-26.46	74	51.35	40.3	17.2	61.31	-	-	P	V
		10845	22.75	-31.25	54	-	-	-	-	-	-	A	V
		14500	47.97	-26.03	74	48.63	41.5	20.84	63	-	-	P	V
		14500	23.18	-30.82	54	-	-	-	-	-	-	A	V
		17985	52.97	-21.03	74	39.48	47.1	23.03	56.64	-	-	P	V
		17985	28.18	-25.82	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V



BT Ant 3	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4882	41.64	-32.36	74	56.42	31.58	12.12	58.48	100	50	P	H
		4882	16.85	-37.15	54	-	-	-	-	-	-	A	H
		7323	40.71	-33.29	74	48.92	36.4	14.56	59.17	-	-	P	H
		7323	15.92	-38.08	54	-	-	-	-	-	-	A	H
		10815	47.58	-26.42	74	51.32	40.3	17.24	61.28	-	-	P	H
		10815	22.79	-31.21	54	-	-	-	-	-	-	A	H
		14500	47.13	-26.87	74	48.54	41.5	20.09	63	-	-	P	H
		14500	22.34	-31.66	54	-	-	-	-	-	-	A	H
		17985	53.72	-20.28	74	40.18	47.1	23.08	56.64	-	-	P	H
		17985	28.93	-25.07	54	-	-	-	-	-	-	A	H
													H
													H
<b>BT CH 39 2441MHz</b>		4882	38.16	-35.84	74	52.94	31.58	12.12	58.48	-	-	P	V
		4882	13.37	-40.63	54	-	-	-	-	-	-	A	V
		7323	41.2	-32.8	74	49.41	36.4	14.56	59.17	-	-	P	V
		7323	16.41	-37.59	54	-	-	-	-	-	-	A	V
		10935	47.42	-26.58	74	51.24	40.26	17.34	61.42	-	-	P	V
		10935	22.63	-31.37	54	-	-	-	-	-	-	A	V
		14475	46.62	-27.38	74	48.14	41.45	20.06	63.03	-	-	P	V
		14475	21.83	-32.17	54	-	-	-	-	-	-	A	V
		17985	53.15	-20.85	74	39.61	47.1	23.08	56.64	-	-	P	V
		17985	28.36	-25.64	54	-	-	-	-	-	-	A	V
													V
													V



BT Ant 3	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
BT CH 78 2480MHz		4960	48.38	-25.62	74	63.48	31.5	11.89	58.49	100	55	P	H	
		4960	23.59	-30.41	54	-	-	-	-	-	-	A	H	
		7440	41.27	-32.73	74	49.96	36.68	13.75	59.12	-	-	P	H	
		7440	16.48	-37.52	54	-	-	-	-	-	-	A	H	
		11235	48.17	-25.83	74	52.82	39.63	17.5	61.78	-	-	P	H	
		11235	23.38	-30.62	54	-	-	-	-	-	-	A	H	
		14475	48.41	-25.59	74	49.33	41.3	20.81	63.03	-	-	P	H	
		14475	23.62	-30.38	54	-	-	-	-	-	-	A	H	
		17985	52.57	-21.43	74	39.62	46.56	23.03	56.64	-	-	P	H	
		17985	27.78	-26.22	54	-	-	-	-	-	-	A	H	
														H
														H
			4960	43.71	-30.29	74	58.81	31.5	11.89	58.49	400	72	P	V
			4960	18.92	-35.08	54	-	-	-	-	-	-	A	V
			7440	40.3	-33.7	74	48.99	36.68	13.75	59.12	-	-	P	V
			7440	15.51	-38.49	54	-	-	-	-	-	-	A	V
			10920	47.91	-26.09	74	51.78	40.22	17.31	61.4	-	-	P	V
			10920	23.12	-30.88	54	-	-	-	-	-	-	A	V
			14490	48.21	-25.79	74	49.09	41.3	20.83	63.01	-	-	P	V
			14490	23.42	-30.58	54	-	-	-	-	-	-	A	V
		17985	52.78	-21.22	74	39.83	46.56	23.03	56.64	-	-	P	V	
		17985	27.99	-26.01	54	-	-	-	-	-	-	A	V	
													V	
													V	
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> <li>The emission level close to 18GHz is checked that the average emission level is noise floor only.</li> </ol>													



<3Mbps>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT Ant	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
3		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
BT CH00 2402MHz		2355.255	43.14	-30.86	74	42.1	27.69	7.31	33.96	100	85	P	H	
		2355.255	18.38	-35.62	54	-	-	-	-	-	-	A	H	
	*	2402	113.06	-	-	112.04	27.6	7.37	33.95	100	85	P	H	
	*	2402	88.3	-	-	-	-	-	-	-	-	A	H	
													H	
													H	
			2359.14	43.2	-30.8	74	42.16	27.68	7.32	33.96	354	111	P	V
			2359.14	18.44	-35.56	54	-	-	-	-	-	-	A	V
	*		2402	110.93	-	-	109.91	27.6	7.37	33.95	354	111	P	V
	*		2402	86.17	-	-	-	-	-	-	-	-	A	V
													V	
													V	
BT CH 39 2441MHz		2355.22	43.1	-30.9	74	42.06	27.69	7.31	33.96	100	87	P	H	
		2355.22	18.34	-35.66	54	-	-	-	-	-	-	A	H	
	*	2441	112.01	-	-	111	27.52	7.43	33.94	100	87	P	H	
	*	2441	87.25	-	-	-	-	-	-	-	-	A	H	
			2486.77	43.04	-30.96	74	42.03	27.43	7.5	33.92	100	87	P	H
			2486.77	18.28	-35.72	54	-	-	-	-	-	-	A	H
			2322.6	42.97	-31.03	74	41.86	27.81	7.27	33.97	341	135	P	V
			2322.6	18.21	-35.79	54	-	-	-	-	-	-	A	V
	*		2441	109.99	-	-	108.98	27.52	7.43	33.94	341	135	P	V
	*		2441	85.23	-	-	-	-	-	-	-	-	A	V
			2484.32	43.16	-30.84	74	42.15	27.43	7.5	33.92	341	135	P	V
			2484.32	18.4	-35.6	54	-	-	-	-	-	-	A	V



BT Ant 3	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
BT CH 78 2480MHz	*	2480	112.63	-	-	111.63	27.44	7.49	33.93	100	82	P	H	
	*	2480	87.87	-	-	-	-	-	-	-	-	A	H	
		2483.72	63.7	-10.3	74	62.69	27.43	7.5	33.92	100	82	P	H	
		2483.72	38.94	-15.06	54	-	-	-	-	-	-	A	H	
													H	
														H
	*	2480	108.13	-	-	107.13	27.44	7.49	33.93	300	123	P	V	
	*	2480	83.37	-	-	-	-	-	-	-	-	-	A	V
		2483.6	47.9	-26.1	74	46.89	27.43	7.5	33.92	300	123	P	V	
		2483.6	23.14	-30.86	54	-	-	-	-	-	-	A	V	
														V
														V
	<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT Ant 3	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4804	37.25	-36.75	74	53.02	31.29	11.4	58.46	-	-	P	H
		4804	12.49	-41.51	54	-	-	-	-	-	-	A	H
		10980	47.98	-26.02	74	51.79	40.28	17.39	61.48	-	-	P	H
		10980	23.22	-30.78	54	-	-	-	-	-	-	A	H
		14490	48.21	-25.79	74	49.09	41.3	20.83	63.01	-	-	P	H
		14490	23.45	-30.55	54	-	-	-	-	-	-	A	H
		17925	52.54	-21.46	74	40.75	45.6	22.97	56.78	-	-	P	H
		17925	27.78	-26.22	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
BT CH 00 2402MHz		4804	38.23	-35.77	74	54	31.29	11.4	58.46	-	-	P	V
		4804	13.47	-40.53	54	-	-	-	-	-	-	A	V
		11010	47.43	-26.57	74	51.27	40.26	17.41	61.51	-	-	P	V
		11010	22.67	-31.33	54	-	-	-	-	-	-	A	V
		14475	48.47	-25.53	74	49.39	41.3	20.81	63.03	-	-	P	V
		14475	23.71	-30.29	54	-	-	-	-	-	-	A	V
		17970	52.85	-21.15	74	40.19	46.32	23.01	56.67	-	-	P	V
		17970	28.09	-25.91	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V



BT Ant 3	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4882	38.46	-35.54	74	54.03	31.26	11.65	58.48	-	-	P	H
		4882	13.7	-40.3	54	-	-	-	-	-	-	A	H
		7323	40.51	-33.49	74	49.63	36.6	13.45	59.17	-	-	P	H
		7323	15.75	-38.25	54	-	-	-	-	-	-	A	H
		10950	47.67	-26.33	74	51.51	40.25	17.35	61.44	-	-	P	H
		10950	22.91	-31.09	54	-	-	-	-	-	-	A	H
		14475	48.13	-25.87	74	49.05	41.3	20.81	63.03	-	-	P	H
		14475	23.37	-30.63	54	-	-	-	-	-	-	A	H
		17910	52.73	-21.27	74	41.23	45.36	22.96	56.82	-	-	P	H
		17910	27.97	-26.03	54	-	-	-	-	-	-	A	H
													H
													H
<b>BT CH 39 2441MHz</b>		4882	37.43	-36.57	74	53	31.26	11.65	58.48	-	-	P	V
		4882	12.67	-41.33	54	-	-	-	-	-	-	A	V
		7323	40.83	-33.17	74	49.95	36.6	13.45	59.17	-	-	P	V
		7323	16.07	-37.93	54	-	-	-	-	-	-	A	V
		11040	48.02	-25.98	74	52	40.14	17.43	61.55	-	-	P	V
		11040	23.26	-30.74	54	-	-	-	-	-	-	A	V
		14500	48.04	-25.96	74	48.9	41.3	20.84	63	-	-	P	V
		14500	23.28	-30.72	54	-	-	-	-	-	-	A	V
		17985	54.01	-19.99	74	41.06	46.56	23.03	56.64	-	-	P	V
		17985	29.25	-24.75	54	-	-	-	-	-	-	A	V
													V
													V



BT Ant 3	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
BT CH 78 2480MHz		4960	38.69	-35.31	74	53.79	31.5	11.89	58.49	-	-	P	H	
		4960	13.93	-40.07	54	-	-	-	-	-	-	A	H	
		7440	40.61	-33.39	74	49.3	36.68	13.75	59.12	-	-	P	H	
		7440	15.85	-38.15	54	-	-	-	-	-	-	A	H	
		10935	47.78	-26.22	74	51.63	40.24	17.33	61.42	-	-	P	H	
		10935	23.02	-30.98	54	-	-	-	-	-	-	A	H	
		14500	48.47	-25.53	74	49.33	41.3	20.84	63	-	-	P	H	
		14500	23.71	-30.29	54	-	-	-	-	-	-	A	H	
		17910	53	-21	74	41.5	45.36	22.96	56.82	-	-	P	H	
		17910	28.24	-25.76	54	-	-	-	-	-	-	A	H	
														H
														H
			4960	38.31	-35.69	74	53.41	31.5	11.89	58.49	-	-	P	V
			4960	13.55	-40.45	54	-	-	-	-	-	-	A	V
			7440	40.84	-33.16	74	49.53	36.68	13.75	59.12	-	-	P	V
			7440	16.08	-37.92	54	-	-	-	-	-	-	A	V
			10755	47.64	-26.36	74	51.7	40.07	17.08	61.21	-	-	P	V
			10755	22.88	-31.12	54	-	-	-	-	-	-	A	V
			14475	48.29	-25.71	74	49.21	41.3	20.81	63.03	-	-	P	V
			14475	23.53	-30.47	54	-	-	-	-	-	-	A	V
		17985	52.67	-21.33	74	39.72	46.56	23.03	56.64	-	-	P	V	
		17985	27.91	-26.09	54	-	-	-	-	-	-	A	V	
													V	
													V	
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> <li>The emission level close to 18GHz is checked that the average emission level is noise floor only.</li> </ol>													



MIMO <Ant. 4+3>

<1Mbps>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
4+3		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)	
BT CH00 2402MHz		2389.485	45.1	-28.9	74	44.07	27.62	7.36	33.95	111	91	P	H	
		2389.485	20.34	-33.66	54	-	-	-	-	-	-	A	H	
	*	2402	117.58	-	-	116.56	27.6	7.37	33.95	111	91	P	H	
	*	2402	92.82	-	-	-	-	-	-	-	-	A	H	
													H	
														H
			2371.215	42.6	-31.4	74	41.56	27.66	7.33	33.95	313	124	P	V
			2371.215	17.84	-36.16	54	-	-	-	-	-	-	A	V
	*		2402	113.09	-	-	112.07	27.6	7.37	33.95	313	124	P	V
	*		2402	88.33	-	-	-	-	-	-	-	-	A	V
														V
														V
BT CH 39 2441MHz		2341.92	43	-31	74	41.94	27.73	7.29	33.96	100	88	P	H	
		2341.92	18.24	-35.76	54	-	-	-	-	-	-	A	H	
	*	2441	116.3	-	-	115.29	27.52	7.43	33.94	100	88	P	H	
	*	2441	91.54	-	-	-	-	-	-	-	-	A	H	
			2484.39	43.67	-30.33	74	42.66	27.43	7.5	33.92	100	88	P	H
			2484.39	18.91	-35.09	54	-	-	-	-	-	-	A	H
			2310.7	43.4	-30.6	74	42.26	27.86	7.25	33.97	309	62	P	V
			2310.7	18.64	-35.36	54	-	-	-	-	-	-	A	V
	*		2441	110.15	-	-	109.14	27.52	7.43	33.94	309	62	P	V
	*		2441	85.39	-	-	-	-	-	-	-	-	A	V
			2484.53	43.19	-30.81	74	42.18	27.43	7.5	33.92	309	62	P	V
			2484.53	18.43	-35.57	54	-	-	-	-	-	-	A	V



BT Ant. 4+3	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
BT CH 78 2480MHz	*	2480	114.77	-	-	113.77	27.44	7.49	33.93	100	88	P	H	
	*	2480	90.01	-	-	-	-	-	-	-	-	A	H	
		2483.6	67.58	-6.42	74	66.57	27.43	7.5	33.92	100	88	P	H	
		2483.6	42.82	-11.18	54	-	-	-	-	-	-	A	H	
													H	
														H
	*	2480	108.92	-	-	107.92	27.44	7.49	33.93	300	58	P	V	
	*	2480	84.16	-	-	-	-	-	-	-	-	-	A	V
		2484.24	45.3	-28.7	74	44.29	27.43	7.5	33.92	300	58	P	V	
		2484.24	20.54	-33.46	54	-	-	-	-	-	-	A	V	
														V
														V
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> </ol>													



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT Ant. 4+3	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
BT CH 00 2402MHz		4804	42.26	-31.74	74	58.03	31.29	11.4	58.46	-	-	P	H	
		4804	17.5	-36.5	54	-	-	-	-	-	-	A	H	
		10935	47.95	-26.05	74	51.8	40.24	17.33	61.42	-	-	P	H	
		10935	23.19	-30.81	54	-	-	-	-	-	-	A	H	
		14490	48.3	-25.7	74	49.18	41.3	20.83	63.01	-	-	P	H	
		14490	23.54	-30.46	54	-	-	-	-	-	-	A	H	
		17985	52.91	-21.09	74	39.96	46.56	23.03	56.64	-	-	P	H	
		17985	28.15	-25.85	54	-	-	-	-	-	-	A	H	
														H
														H
														H
														H
			4804	38.37	-35.63	74	54.14	31.29	11.4	58.46	-	-	P	V
			4804	13.61	-40.39	54	-	-	-	-	-	-	A	V
			10995	48.01	-25.99	74	51.8	40.29	17.41	61.49	-	-	P	V
			10995	23.25	-30.75	54	-	-	-	-	-	-	A	V
			14475	48.51	-25.49	74	49.43	41.3	20.81	63.03	-	-	P	V
			14475	23.75	-30.25	54	-	-	-	-	-	-	A	V
		18000	52.9	-21.1	74	39.66	46.8	23.04	56.6	-	-	P	V	
		18000	28.14	-25.86	54	-	-	-	-	-	-	A	V	
													V	
													V	
													V	
													V	



BT Ant. 4+3	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
BT CH 39 2441MHz		4882	41.32	-32.68	74	56.89	31.26	11.65	58.48	-	-	P	H	
		4882	16.56	-37.44	54	-	-	-	-	-	-	A	H	
		7323	42.05	-31.95	74	51.17	36.6	13.45	59.17	-	-	P	H	
		7323	17.29	-36.71	54	-	-	-	-	-	-	A	H	
		10860	47.68	-26.32	74	51.58	40.2	17.23	61.33	-	-	P	H	
		10860	22.92	-31.08	54	-	-	-	-	-	-	A	H	
		14475	48.34	-25.66	74	49.26	41.3	20.81	63.03	-	-	P	H	
		14475	23.58	-30.42	54	-	-	-	-	-	-	A	H	
		17970	53.52	-20.48	74	40.86	46.32	23.01	56.67	-	-	P	H	
		17970	28.76	-25.24	54	-	-	-	-	-	-	A	H	
													H	
													H	
			4882	38.17	-35.83	74	53.74	31.26	11.65	58.48	-	-	P	V
			4882	13.41	-40.59	54	-	-	-	-	-	-	A	V
			7323	42.46	-31.54	74	51.58	36.6	13.45	59.17	-	-	P	V
			7323	17.7	-36.3	54	-	-	-	-	-	-	A	V
			10800	47.56	-26.44	74	51.48	40.2	17.14	61.26	-	-	P	V
			10800	22.8	-31.2	54	-	-	-	-	-	-	A	V
			14490	49.03	-24.97	74	49.91	41.3	20.83	63.01	-	-	P	V
			14490	24.27	-29.73	54	-	-	-	-	-	-	A	V
		18000	53.63	-20.37	74	40.39	46.8	23.04	56.6	-	-	P	V	
		18000	28.87	-25.13	54	-	-	-	-	-	-	A	V	
													V	
													V	



BT Ant. 4+3	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4960	49.49	-24.51	74	64.59	31.5	11.89	58.49	100	64	P	H
		4960	24.73	-29.27	54	-	-	-	-	-	-	A	H
		7440	41.13	-32.87	74	49.82	36.68	13.75	59.12	-	-	P	H
		7440	16.37	-37.63	54	-	-	-	-	-	-	A	H
		11025	47.99	-26.01	74	51.9	40.2	17.42	61.53	-	-	P	H
		11025	23.23	-30.77	54	-	-	-	-	-	-	A	H
		14500	48.44	-25.56	74	49.3	41.3	20.84	63	-	-	P	H
		14500	23.68	-30.32	54	-	-	-	-	-	-	A	H
		18000	52.88	-21.12	74	39.64	46.8	23.04	56.6	-	-	P	H
		18000	28.12	-25.88	54	-	-	-	-	-	-	A	H
													H
													H
BT CH 78 2480MHz		4960	46.1	-27.9	74	61.2	31.5	11.89	58.49	400	104	P	V
		4960	21.34	-32.66	54	-	-	-	-	-	-	A	V
		7440	41.21	-32.79	74	49.9	36.68	13.75	59.12	-	-	P	V
		7440	16.45	-37.55	54	-	-	-	-	-	-	A	V
		10860	48.06	-25.94	74	51.96	40.2	17.23	61.33	-	-	P	V
		10860	23.3	-30.7	54	-	-	-	-	-	-	A	V
		14500	48.8	-25.2	74	49.66	41.3	20.84	63	-	-	P	V
		14500	24.04	-29.96	54	-	-	-	-	-	-	A	V
		18000	53.25	-20.75	74	40.01	46.8	23.04	56.6	-	-	P	V
		18000	28.49	-25.51	54	-	-	-	-	-	-	A	V
													V
													V
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> <li>The emission level close to 18GHz is checked that the average emission level is noise floor only.</li> </ol>												





<3Mbps>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
4+3		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
BT CH00 2402MHz		2389.38	45.12	-28.88	74	44.09	27.62	7.36	33.95	100	93	P	H	
		2389.38	20.36	-33.64	54	-	-	-	-	-	-	A	H	
	*	2402	118.13	-	-	117.11	27.6	7.37	33.95	100	93	P	H	
	*	2402	93.37	-	-	-	-	-	-	-	-	A	H	
													H	
													H	
			2348.75	43.13	-30.87	74	42.08	27.71	7.3	33.96	311	62	P	V
			2348.75	18.37	-35.63	54	-	-	-	-	-	-	A	V
	*		2402	112.93	-	-	111.91	27.6	7.37	33.95	311	62	P	V
	*		2402	88.17	-	-	-	-	-	-	-	-	A	V
													V	
													V	
BT CH 39 2441MHz		2314.06	43.07	-30.93	74	41.94	27.84	7.26	33.97	100	88	P	H	
		2314.06	18.31	-35.69	54	-	-	-	-	-	-	A	H	
	*	2441	117.11	-	-	116.1	27.52	7.43	33.94	100	88	P	H	
	*	2441	92.35	-	-	-	-	-	-	-	-	A	H	
			2483.83	44.6	-29.4	74	43.59	27.43	7.5	33.92	100	88	P	H
			2483.83	19.84	-34.16	54	-	-	-	-	-	-	A	H
			2378.74	43.08	-30.92	74	42.05	27.64	7.34	33.95	310	44	P	V
			2378.74	18.32	-35.68	54	-	-	-	-	-	-	A	V
	*		2441	112.23	-	-	111.22	27.52	7.43	33.94	310	44	P	V
	*		2441	87.47	-	-	-	-	-	-	-	-	A	V
		2488.17	43.24	-30.76	74	42.24	27.42	7.5	33.92	310	44	P	V	
		2488.17	18.48	-35.52	54	-	-	-	-	-	-	A	V	



BT Ant. 4+3	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
BT CH 78 2480MHz	*	2480	115.13	-	-	114.13	27.44	7.49	33.93	120	89	P	H	
	*	2480	90.37	-	-	-	-	-	-	-	-	A	H	
		2485.64	70.53	-3.47	74	69.52	27.43	7.5	33.92	120	89	P	H	
		2485.64	45.77	-8.23	54	-	-	-	-	-	-	A	H	
													H	
														H
	*	2480	109.61	-	-	108.61	27.44	7.49	33.93	330	60	P	V	
	*	2480	84.85	-	-	-	-	-	-	-	-	-	A	V
		2483.68	45.99	-28.01	74	44.98	27.43	7.5	33.92	330	60	P	V	
		2483.68	21.23	-32.77	54	-	-	-	-	-	-	A	V	
														V
														V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT Ant. 4+3	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
BT CH 00 2402MHz		4804	42.48	-31.52	74	58.54	31	11.84	58.46	100	83	P	H	
		4804	17.72	-36.28	54	-	-	-	-	-	-	A	H	
		11145	47.81	-26.19	74	52.34	39.67	17.94	61.67	-	-	P	H	
		11145	23.05	-30.95	54	-	-	-	-	-	-	A	H	
		14505	47.79	-26.21	74	48.43	41.51	21.5	63	-	-	P	H	
		14505	23.03	-30.97	54	-	-	-	-	-	-	A	H	
		17970	53.35	-20.65	74	40.21	46.8	23.83	56.67	-	-	P	H	
		17970	28.59	-25.41	54	-	-	-	-	-	-	A	H	
														H
														H
														H
														H
			4804	39.04	-34.96	74	55.1	31	11.84	58.46	-	-	P	V
			4804	14.28	-39.72	54	-	-	-	-	-	-	A	V
			10860	48.15	-25.85	74	51.95	40.3	17.71	61.33	-	-	P	V
			10860	23.39	-30.61	54	-	-	-	-	-	-	A	V
			14505	46.25	-27.75	74	46.89	41.51	21.5	63	-	-	P	V
			14505	21.49	-32.51	54	-	-	-	-	-	-	A	V
		17925	53.45	-20.55	74	41.36	45.9	23.79	56.78	-	-	P	V	
		17925	28.69	-25.31	54	-	-	-	-	-	-	A	V	
													V	
													V	
													V	
													V	



BT Ant. 4+3	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
BT CH 39 2441MHz		4882	41.18	-32.82	74	56.43	31.58	11.65	58.48	-	-	P	H	
		4882	16.42	-37.58	54	-	-	-	-	-	-	A	H	
		7323	40.46	-33.54	74	49.78	36.4	13.45	59.17	-	-	P	H	
		7323	15.7	-38.3	54	-	-	-	-	-	-	A	H	
		10905	48.19	-25.81	74	52	40.29	17.29	61.39	-	-	P	H	
		10905	23.43	-30.57	54	-	-	-	-	-	-	A	H	
		14490	48.71	-25.29	74	49.41	41.48	20.83	63.01	-	-	P	H	
		14490	23.95	-30.05	54	-	-	-	-	-	-	A	H	
		17985	53.8	-20.2	74	40.31	47.1	23.03	56.64	-	-	P	H	
		17985	29.04	-24.96	54	-	-	-	-	-	-	A	H	
													H	
													H	
			4882	39.11	-34.89	74	54.36	31.58	11.65	58.48	-	-	P	V
			4882	14.35	-39.65	54	-	-	-	-	-	-	A	V
			7323	41.04	-32.96	74	50.36	36.4	13.45	59.17	-	-	P	V
			7323	16.28	-37.72	54	-	-	-	-	-	-	A	V
			11175	47.98	-26.02	74	52.63	39.58	17.48	61.71	-	-	P	V
			11175	23.22	-30.78	54	-	-	-	-	-	-	A	V
			14490	48.43	-25.57	74	49.13	41.48	20.83	63.01	-	-	P	V
			14490	23.67	-30.33	54	-	-	-	-	-	-	A	V
		17910	53.04	-20.96	74	41.3	45.6	22.96	56.82	-	-	P	V	
		17910	28.28	-25.72	54	-	-	-	-	-	-	A	V	
													V	
													V	



BT Ant. 4+3	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
		4960	45.08	-28.92	74	60.62	31.06	11.89	58.49	102	59	P	H	
		4960	20.32	-33.68	54	-	-	-	-	-	-	A	H	
		7440	41.96	-32.04	74	50.77	36.56	13.75	59.12	-	-	P	H	
		7440	17.2	-36.8	54	-	-	-	-	-	-	A	H	
		10935	48.02	-25.98	74	51.85	40.26	17.33	61.42	-	-	P	H	
		10935	23.26	-30.74	54	-	-	-	-	-	-	A	H	
		14505	49.12	-24.88	74	49.76	41.51	20.85	63	-	-	P	H	
		14505	24.36	-29.64	54	-	-	-	-	-	-	A	H	
		17985	53.29	-20.71	74	39.8	47.1	23.03	56.64	-	-	P	H	
		17985	28.53	-25.47	54	-	-	-	-	-	-	A	H	
													H	
													H	
BT CH 78 2480MHz		4960	39.26	-34.74	74	54.8	31.06	11.89	58.49	-	-	P	V	
		4960	14.5	-39.5	54	-	-	-	-	-	-	A	V	
		7440	40.66	-33.34	74	49.47	36.56	13.75	59.12	-	-	P	V	
		7440	15.9	-38.1	54	-	-	-	-	-	-	A	V	
		10980	48.3	-25.7	74	52.17	40.22	17.39	61.48	-	-	P	V	
		10980	23.54	-30.46	54	-	-	-	-	-	-	A	V	
		14505	47.68	-26.32	74	48.32	41.51	20.85	63	-	-	P	V	
		14505	22.92	-31.08	54	-	-	-	-	-	-	A	V	
		17970	52.61	-21.39	74	39.47	46.8	23.01	56.67	-	-	P	V	
		17970	27.85	-26.15	54	-	-	-	-	-	-	A	V	
														V
														V
														V
														V
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> <li>The emission level close to 18GHz is checked that the average emission level is noise floor only.</li> </ol>													



2.4GHz BT (SHF)

BT Ant. 4+3	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
2.4GHz BT SHF		20534	35.1	-38.9	74	56.07	37.97	-4.05	54.89	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
	2.4GHz BT SHF		24167	32.69	-41.31	74	49.55	38.87	-2.16	53.57	-	-	P
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> </ol>												



Emission below 1GHz

2.4GHz BT (LF)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
4+3		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
2.4GHz BT LF		53.28	21.15	-18.85	40	39.83	12.7	1.1	32.48	-	-	P	H	
		93.05	25.22	-18.28	43.5	41.28	14.86	1.48	32.4	-	-	P	H	
		153.19	22.38	-21.12	43.5	36.22	16.7	1.92	32.46	-	-	P	H	
		744.89	27.59	-18.41	46	27.66	27.83	4.19	32.09	-	-	P	H	
		811.82	28.37	-17.63	46	27.76	27.91	4.39	31.69	-	-	P	H	
		896.21	30.37	-15.63	46	28.12	28.85	4.65	31.25	-	-	P	H	
														H
														H
														H
														H
														H
														H
			45.52	33.24	-6.76	40	48.3	16.41	0.99	32.46	-	-	P	V
			64.92	25.67	-14.33	40	45.11	11.81	1.21	32.46	-	-	P	V
			93.05	24.48	-19.02	43.5	40.54	14.86	1.48	32.4	-	-	P	V
			799.21	28.08	-17.92	46	27.36	28.12	4.35	31.75	-	-	P	V
			865.17	30.17	-15.83	46	27.89	29.15	4.54	31.41	-	-	P	V
			943.74	30.9	-15.1	46	26.99	30.08	4.77	30.94	-	-	P	V
														V
														V
													V	
													V	
													V	
													V	
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against limit line.</li> <li>The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.</li> </ol>													



**Note symbol**

*	<b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is <b>Margin limit</b> line.
P/A	<b>Peak</b> or <b>Average</b>
H/V	<b>Horizontal</b> or <b>Vertical</b>





A calculation example for radiated spurious emission is shown as below:

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		( MHz )	( dBμV/m )	( dB )	Limit Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
					( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
BT		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 00		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H
2402MHz													

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =  
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)  
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)  
= 55.45 (dBμV/m)
2. Margin Limit(dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 55.45(dBμV/m) – 74(dBμV/m)  
= -18.55(dB)

**Peak measured complies with the limit line, so test result is “PASS”.**



# Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Theodore, Fu Chen, Troye Hsieh	Temperature :	20.1~21.8°C
		Relative Humidity :	56.1~66.8%

<1Mbps>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH00 2402MHz	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_8C_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>



BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH00 2402MHz	
4	Vertical	Fundamental
Peak	<p>Site : 03CH11-11Y Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH11-11Y Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>



BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH39 2441MHz	
4	Horizontal	Fundamental
Peak	<p>Date: 2022-04-18</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Date: 2022-04-18</p> <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	<p>Date: 2022-04-18</p> <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

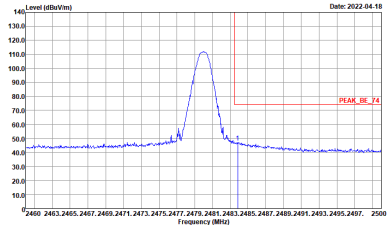
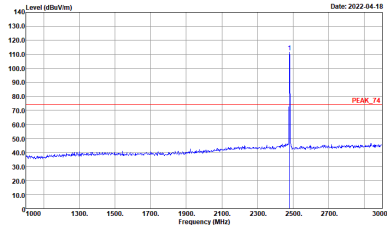


BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH39 2441MHz	
4	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



<b>BT</b>	<b>2.4GHz 2400~2483.5MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>BT CH78 2480MHz</b>	
<b>4</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	<p>Site : 03CH11-1Y Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-1Y Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



<b>BT</b>	<b>2.4GHz 2400~2483.5MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>BT CH78 2480MHz</b>	
<b>4</b>	<b>Vertical</b>	<b>Fundamental</b>
<b>Peak</b>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>

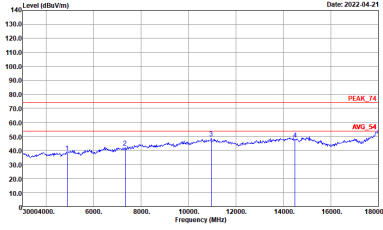
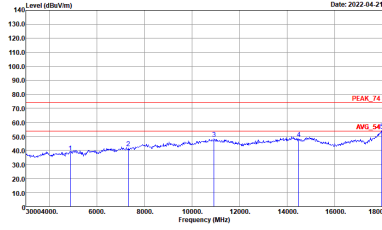


2.4GHz 2400~2483.5MHz  
BT (Harmonic @ 3m)

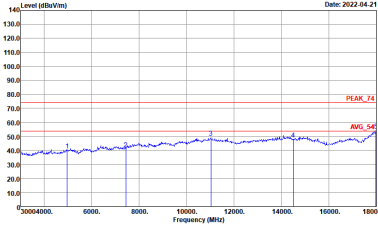
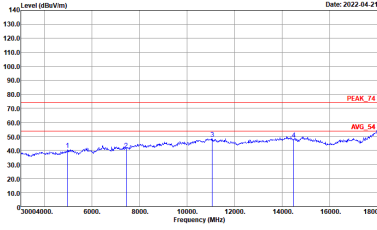
BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH00 2402MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-#FY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p>	<p>Site : 03CH11-#FY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p>





BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH39 2441MHz	
4	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 03CH11-#Y Condition : *PEAK_74 3m HORN 9120D-HF_1326 HORIZONTAL</p>	 <p>Site : 03CH11-#Y Condition : *PEAK_74 3m HORN 9120D-HF_1326 VERTICAL</p>



BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH78 2480MHz	
4	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-#Y Condition : *PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p>	 <p>Site : 03CH11-#Y Condition : *PEAK_74 3m 91200_1326_20211025 VERTICAL</p>



<3Mbps>

2.4GHz 2400~2483.5MHz  
BT (Band Edge @ 3m)

BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH00 2402MHz	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>

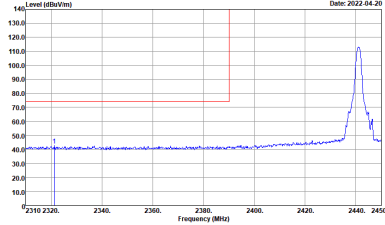
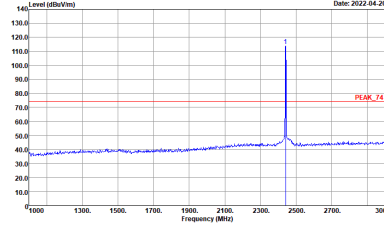
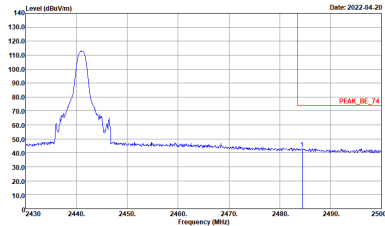


<b>BT</b>	<b>2.4GHz 2400~2483.5MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>BT CH00 2402MHz</b>	
<b>4</b>	<b>Vertical</b>	<b>Fundamental</b>
<b>Peak</b>	<p>Site : 03CH11-11Y Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH11-11Y Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>

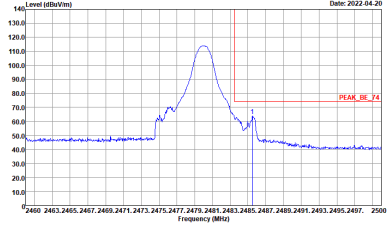
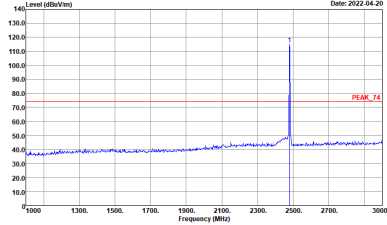


BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH39 2441MHz	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

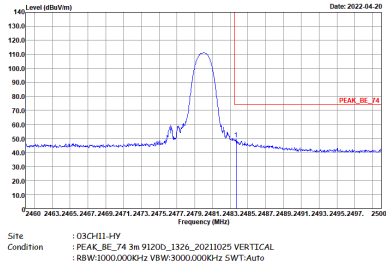
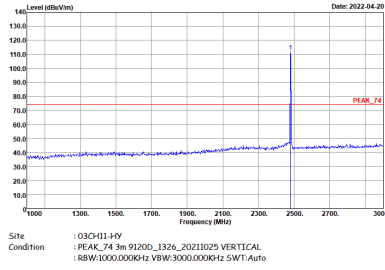


BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BT CH39 2441MHz	
4	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



<b>BT</b>	<b>2.4GHz 2400~2483.5MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>BT CH78 2480MHz</b>	
<b>4</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	 <p>Date: 2022-04-20</p> <p>Site : 03CH11-4Y Condition : PEAK_BE_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-04-20</p> <p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



<b>BT</b>	<b>2.4GHz 2400~2483.5MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>BT CH78 2480MHz</b>	
<b>4</b>	<b>Vertical</b>	<b>Fundamental</b>
<b>Peak</b>	 <p>Site: 03CH11-11Y Condition: PEAK_BE_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site: 03CH11-11Y Condition: PEAK_74 3m 91200_1326_20211025 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>





2.4GHz 2400~2483.5MHz  
BT (Harmonic @ 3m)

BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH00 2402MHz	
4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-#FY Condition : PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p>	<p>Site : 03CH11-#FY Condition : PEAK_74 3m 91200_1326_20211025 VERTICAL</p>



<b>BT</b>	<b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>BT CH39 2441MHz</b>	
<b>4</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak Avg.</b>	<p>Site : 03CH11-#Y Condition : *PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p>	<p>Site : 03CH11-#Y Condition : *PEAK_74 3m 91200_1326_20211025 VERTICAL</p>



<b>BT</b>	<b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>BT CH78 2480MHz</b>	
<b>4</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak Avg.</b>	<p>Site : 03CH11-#Y Condition : *PEAK_74 3m 91200_1326_20211025 HORIZONTAL</p>	<p>Site : 03CH11-#Y Condition : *PEAK_74 3m 91200_1326_20211025 VERTICAL</p>