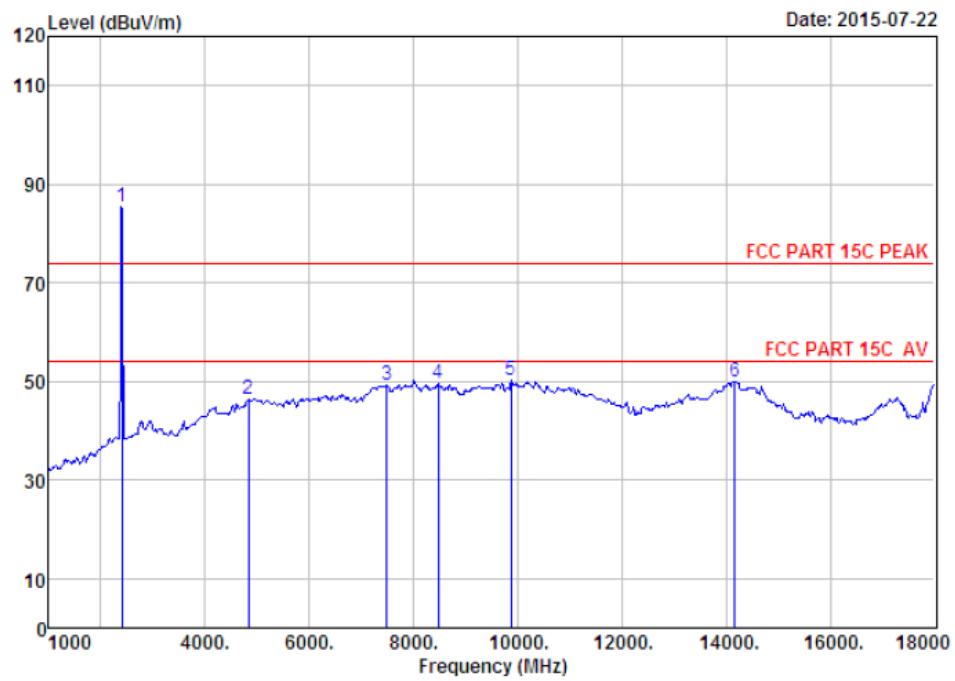


Site no. : 1# 966 chamber Data no. : 36
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2480MHz

	Ant.	Cable	Amp	Emission					
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	2480.00	27.58	6.71	34.03	85.69	85.95	74.00	-11.95	Peak
2	5114.00	31.62	12.45	32.17	35.59	47.49	74.00	26.51	Peak
3	7426.00	36.56	11.60	31.95	34.40	50.61	74.00	23.39	Peak
4	9415.00	38.07	11.67	31.99	33.67	51.42	74.00	22.58	Peak
5	10180.00	38.42	11.49	32.11	33.06	50.86	74.00	23.14	Peak
6	14396.00	41.79	10.92	32.83	31.28	51.16	74.00	22.84	Peak

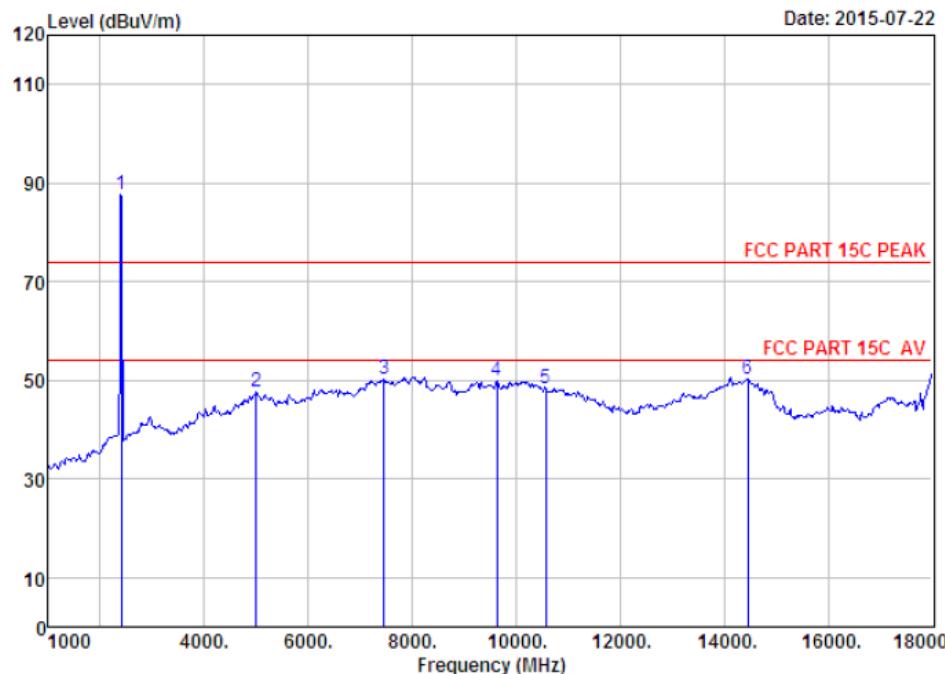
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 39
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2402MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission			
					Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 2402.00	27.61	6.62	34.18	85.41	85.46	74.00	-11.46	Peak
2 4825.00	31.28	11.84	31.83	35.24	46.53	74.00	27.47	Peak
3 7494.00	36.48	11.62	31.87	32.97	49.20	74.00	24.80	Peak
4 8480.00	36.91	11.45	31.89	33.05	49.52	74.00	24.48	Peak
5 9874.00	38.15	11.62	31.77	32.09	50.09	74.00	23.91	Peak
6 14175.00	41.61	10.91	33.44	30.93	50.01	74.00	23.99	Peak

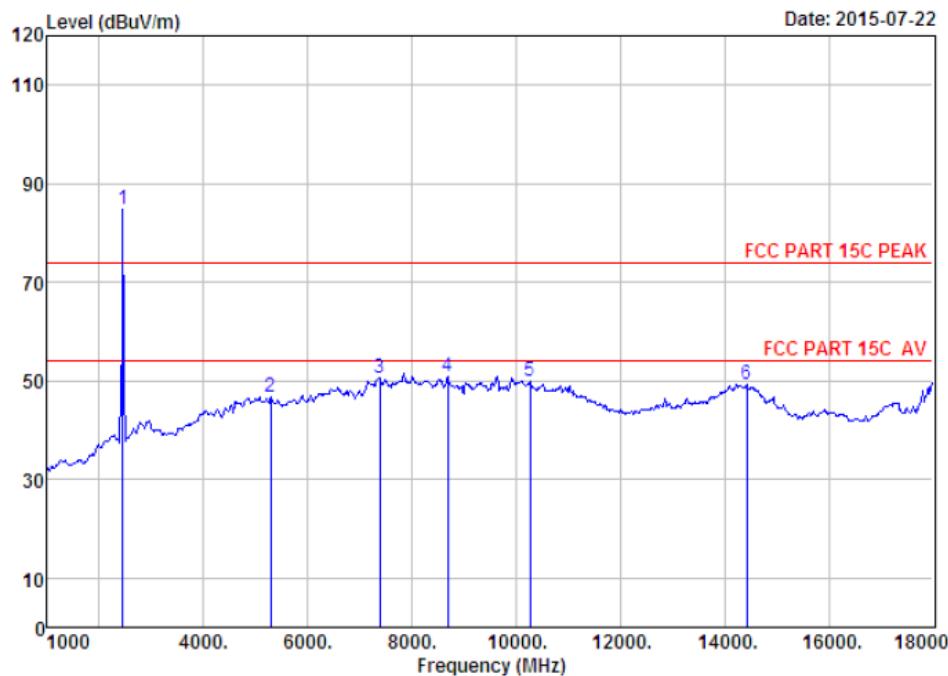
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 1# 966 chamber Data no. : 40
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2402MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				Margin (dB)	Remark
				Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2402.00	27.61	6.62	34.18	87.62	87.67	74.00	-13.67	Peak	
2 4995.00	31.54	12.59	32.00	35.57	47.70	74.00	26.30	Peak	
3 7460.00	36.52	11.61	31.91	33.90	50.12	74.00	23.88	Peak	
4 9636.00	37.96	11.68	31.91	32.26	49.99	74.00	24.01	Peak	
5 10571.00	39.05	11.31	32.85	30.78	48.29	74.00	25.71	Peak	
6 14464.00	41.85	10.93	32.96	30.32	50.14	74.00	23.86	Peak	

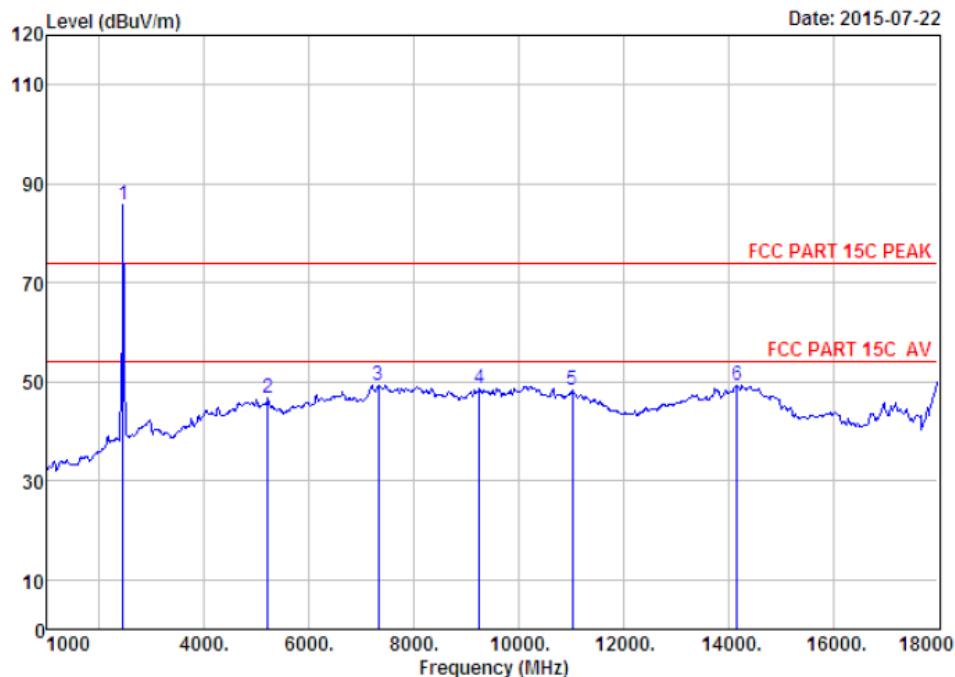
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 43
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2441MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2441.00	27.60	6.67	34.12	84.73	84.88	74.00	-10.88	Peak
2	5284.00	31.70	12.25	32.22	34.92	46.65	74.00	27.35	Peak
3	7375.00	36.57	11.59	31.98	34.34	50.52	74.00	23.48	Peak
4	8684.00	37.32	11.45	32.43	34.60	50.94	74.00	23.06	Peak
5	10265.00	38.56	11.44	32.27	32.11	49.84	74.00	24.16	Peak
6	14430.00	41.82	10.93	32.84	29.43	49.34	74.00	24.66	Peak

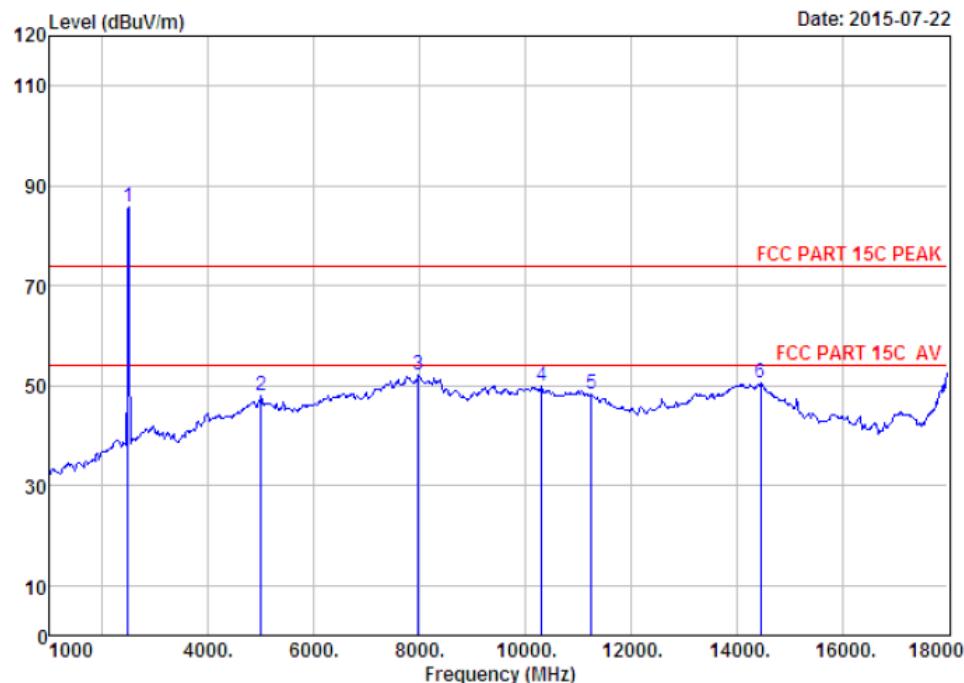
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 44
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2441MHz

	Ant.	Cable	Amp	Emission					
Freq. (MHz)	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark	
1 2441.00	27.60	6.67	34.12	85.49	85.64	74.00	-11.64	Peak	
2 5216.00	31.68	12.33	32.17	34.77	46.61	74.00	27.39	Peak	
3 7324.00	36.55	11.57	31.99	33.24	49.37	74.00	24.63	Peak	
4 9245.00	37.83	11.58	32.26	31.59	48.74	74.00	25.26	Peak	
5 11030.00	39.50	11.27	33.71	31.17	48.23	74.00	25.77	Peak	
6 14175.00	41.61	10.91	33.44	30.24	49.32	74.00	24.68	Peak	

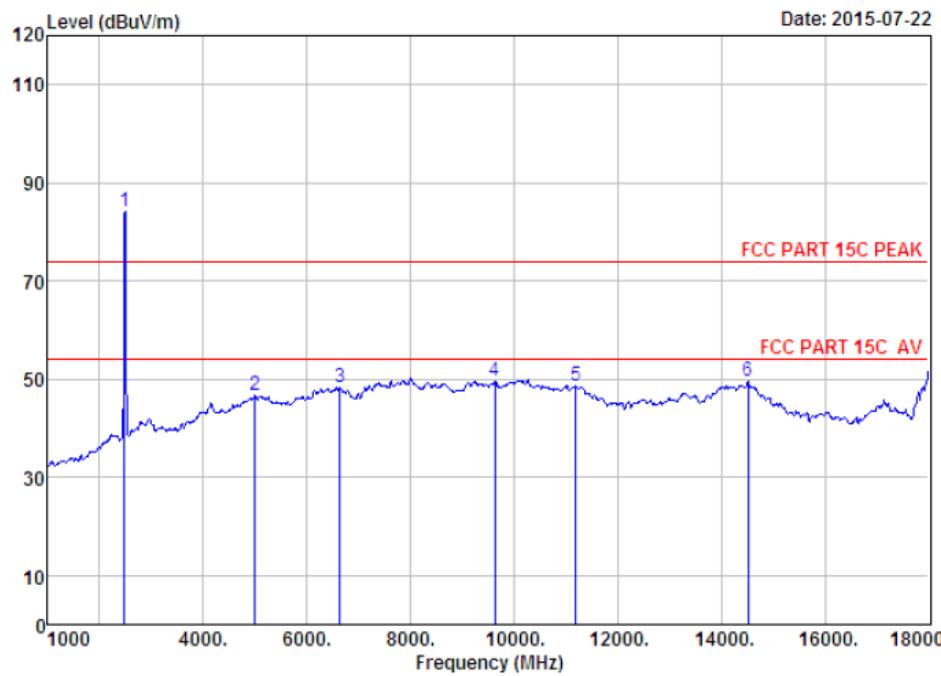
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 45
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2480MHz

Freq. (MHz)	Ant. Factor	Cable Loss	Amp Factor	Emission			Margin (dB)	Remark
				Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1 2480.00	27.58	6.71	34.03	85.41	85.67	74.00	-11.67	Peak
2 4995.00	31.54	12.59	32.00	35.96	48.09	74.00	25.91	Peak
3 7970.00	36.94	11.41	31.25	34.93	52.03	74.00	21.97	Peak
4 10316.00	38.65	11.41	32.37	32.14	49.83	74.00	24.17	Peak
5 11251.00	39.35	11.10	34.13	31.89	48.21	74.00	25.79	Peak
6 14464.00	41.85	10.93	32.96	30.74	50.56	74.00	23.44	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 46
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2480MHz

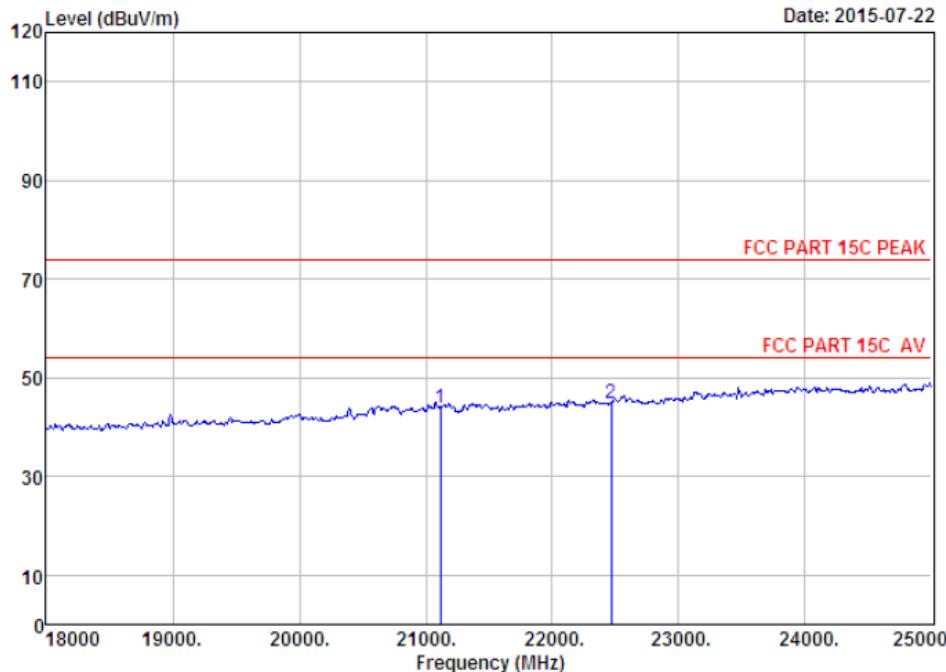
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission			Margin (dB)	Remark
				Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1 2480.00	27.58	6.71	34.03	83.82	84.08	74.00	-10.08	Peak
2 4995.00	31.54	12.59	32.00	34.55	46.68	74.00	27.32	Peak
3 6644.00	34.48	12.02	32.20	34.05	48.35	74.00	25.65	Peak
4 9636.00	37.96	11.68	31.91	32.02	49.75	74.00	24.25	Peak
5 11200.00	39.39	11.14	34.03	32.12	48.62	74.00	25.38	Peak
6 14515.00	41.89	10.93	33.14	29.96	49.64	74.00	24.36	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.

2. The emission levels that are 20dB below the official limit are not reported.

18000MHz – 25000MHz

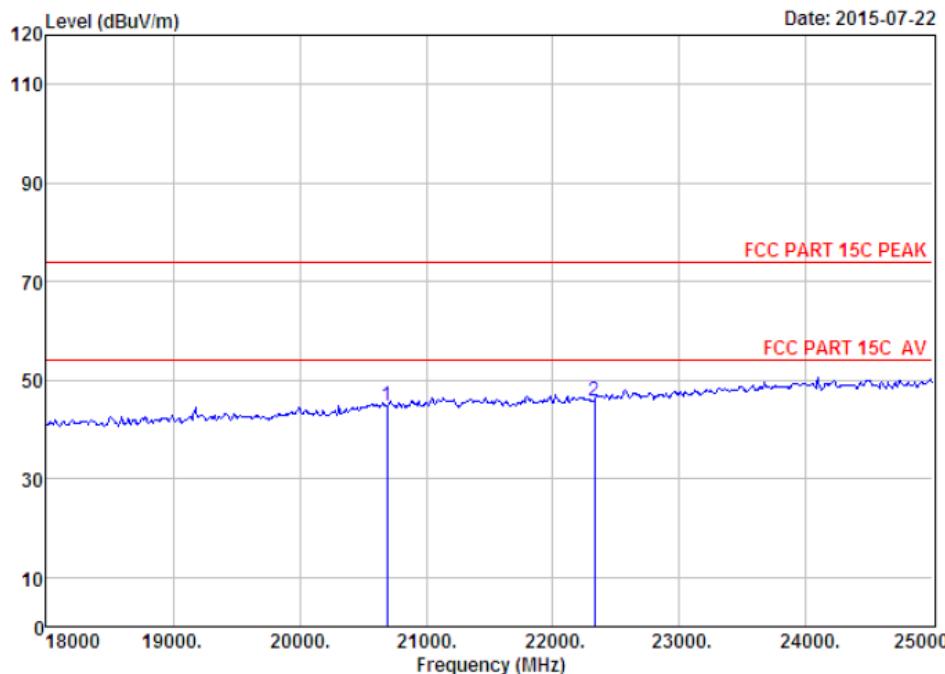
Date: 2015-07-22



Site no. : 1# 966 chamber Data no. : 49
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2402MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission			Margin (dB)	Remark
					Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1	21115.00	46.22	20.18	35.69	13.14	43.85	74.00	30.15	Peak
2	22466.00	45.79	20.83	34.40	12.68	44.90	74.00	29.10	Peak

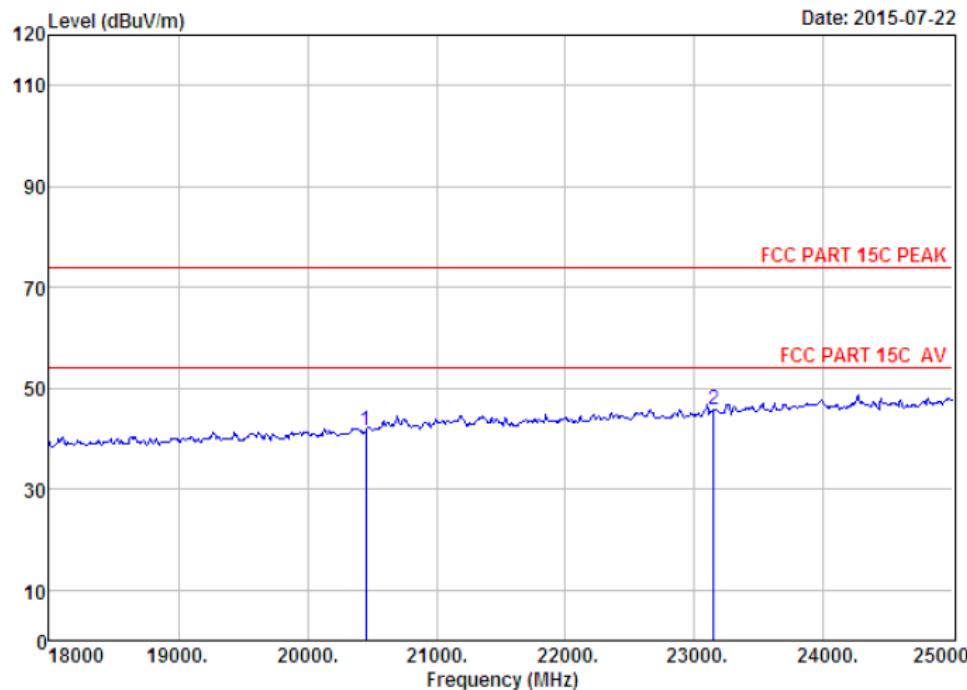
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 50
 Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2402MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission			
					Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 20688.00	46.11	19.99	36.07	14.78	44.81	74.00	29.19	Peak
2 22326.00	45.77	20.75	34.56	13.96	45.92	74.00	28.08	Peak

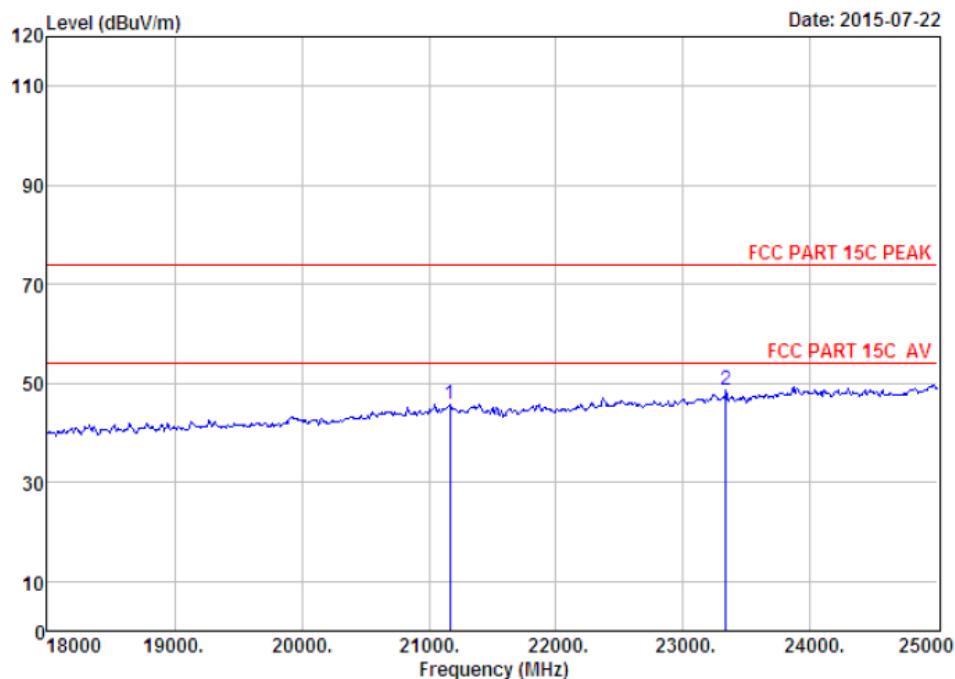
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 51
 Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2441MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission			
					Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 20450.00	46.01	19.88	36.30	12.16	41.75	74.00	32.25	Peak
2 23145.00	45.63	21.28	33.69	12.46	45.68	74.00	28.32	Peak

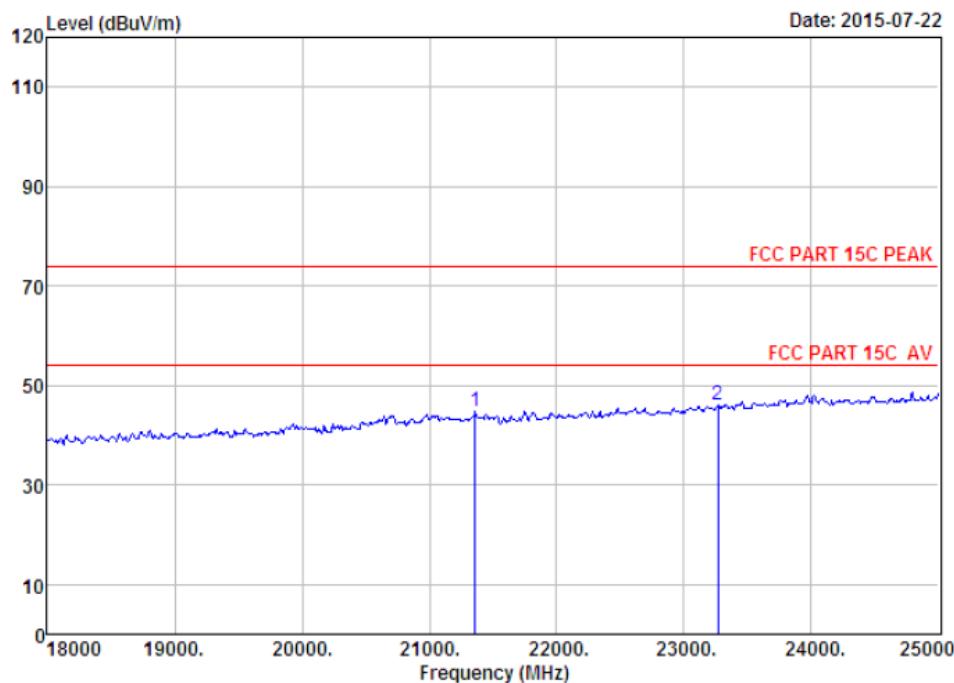
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 1# 966 chamber Data no. : 52
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2441MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				Margin (dB)	Remark
				Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 21164.00	46.20	20.20	35.64	15.11	45.87	74.00	28.13	Peak	
2 23334.00	45.67	21.45	33.51	15.10	48.71	74.00	25.29	Peak	

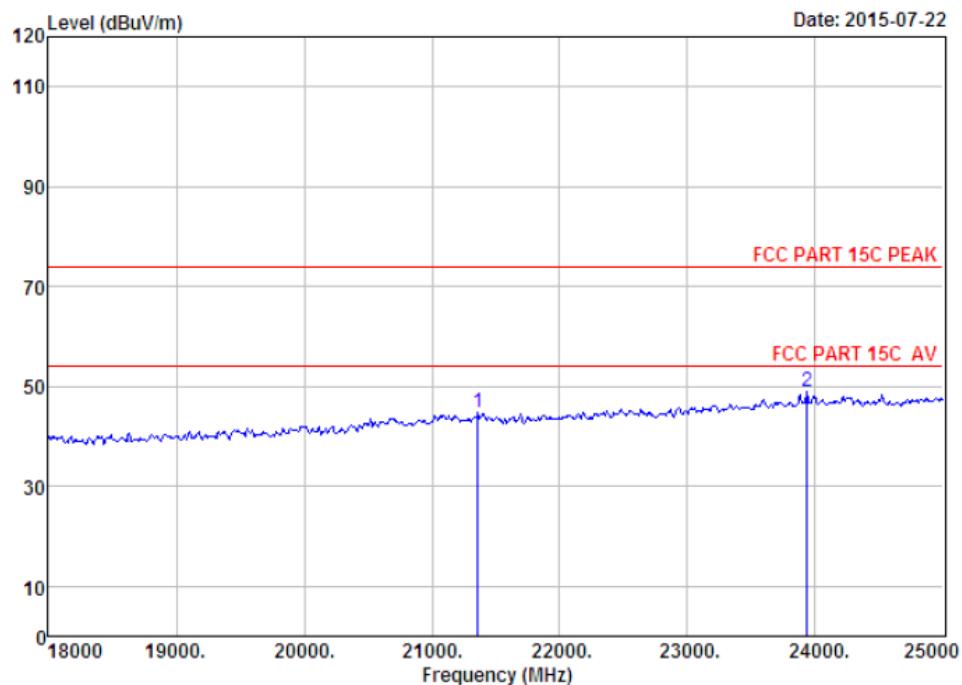
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 53
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2480MHz

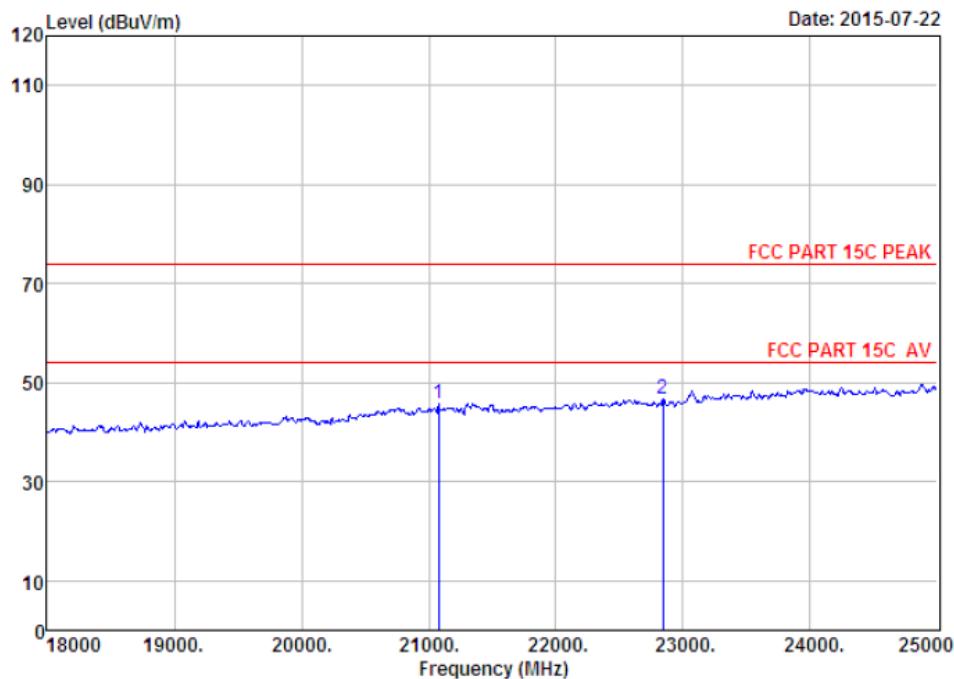
Freq. (MHz)	Ant. Factor (dBi)	Cable Loss (dB)	Amp Factor (dB)	Emission				Margin (dB)	Remark
				Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 21360.00	46.08	20.28	35.49	13.79	44.66	74.00	29.34	Peak	
2 23264.00	45.65	21.39	33.56	12.54	46.02	74.00	27.98	Peak	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				Margin (dB)	Remark
				Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 21360.00	46.08	20.28	35.49	13.93	44.80	74.00	29.20	Peak	
2 23936.00	45.61	21.99	32.88	14.25	48.97	74.00	25.03	Peak	

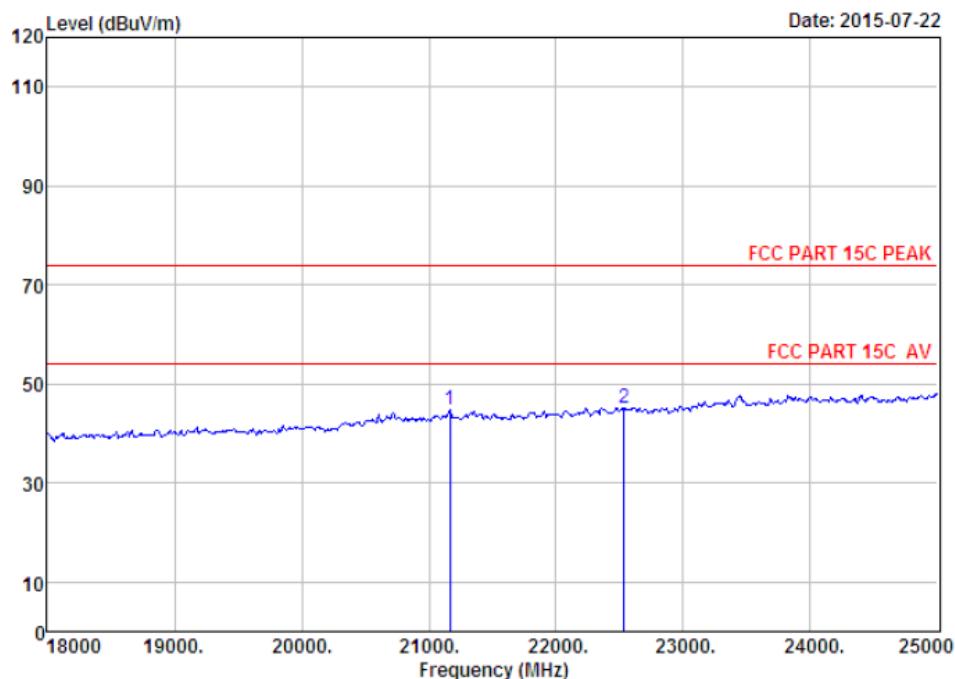
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 55
 Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2402MHz

	Ant.	Cable	Amp	Emission				
Freq. (MHz)	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 21080.00	46.25	20.16	35.73	15.04	45.72	74.00	28.28	Peak
2 22844.00	45.66	21.06	34.01	14.06	46.77	74.00	27.23	Peak

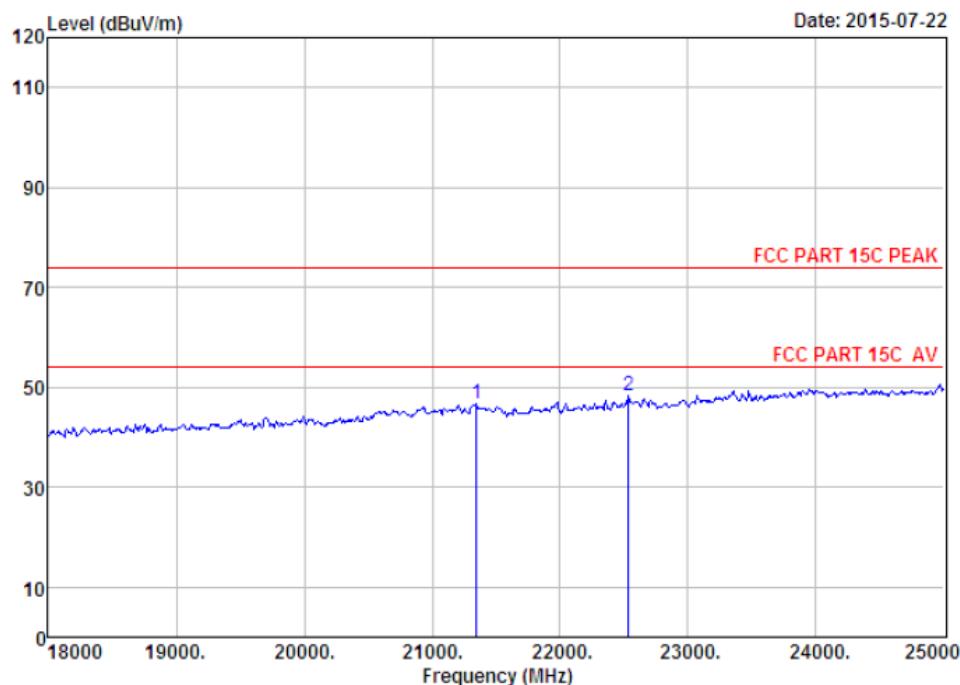
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 56
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2402MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission			
					Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 21164.00	46.20	20.20	35.64	13.89	44.65	74.00	29.35	Peak
2 22536.00	45.79	20.88	34.35	12.95	45.27	74.00	28.73	Peak

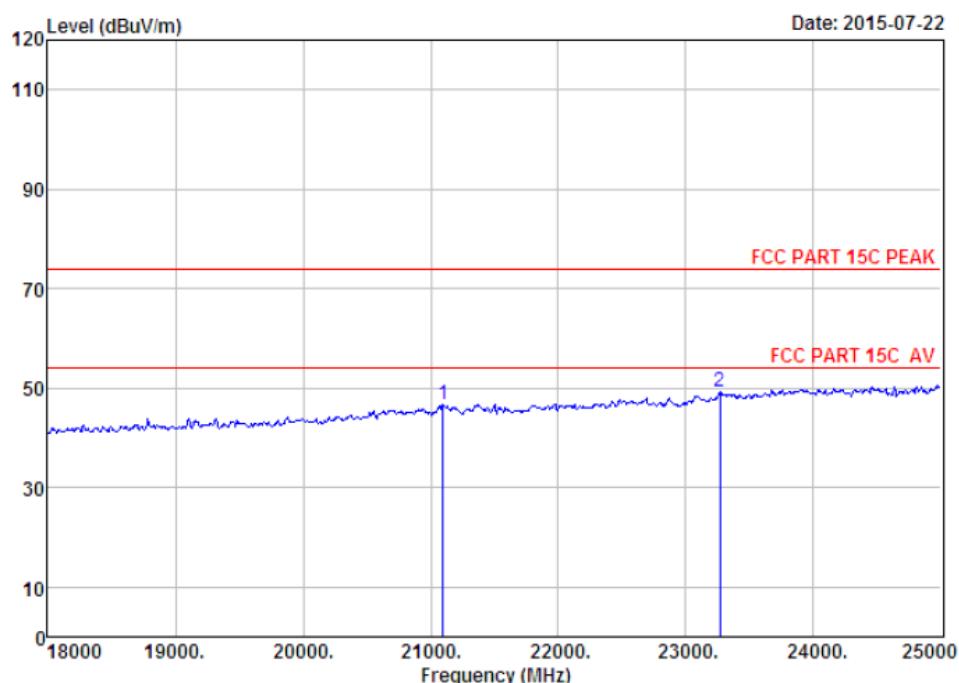
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 57
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2441MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission			Margin (dB)	Remark
				Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1 21346.00	46.09	20.28	35.49	15.81	46.69	74.00	27.31	Peak
2 22536.00	45.79	20.88	34.35	16.01	48.33	74.00	25.67	Peak

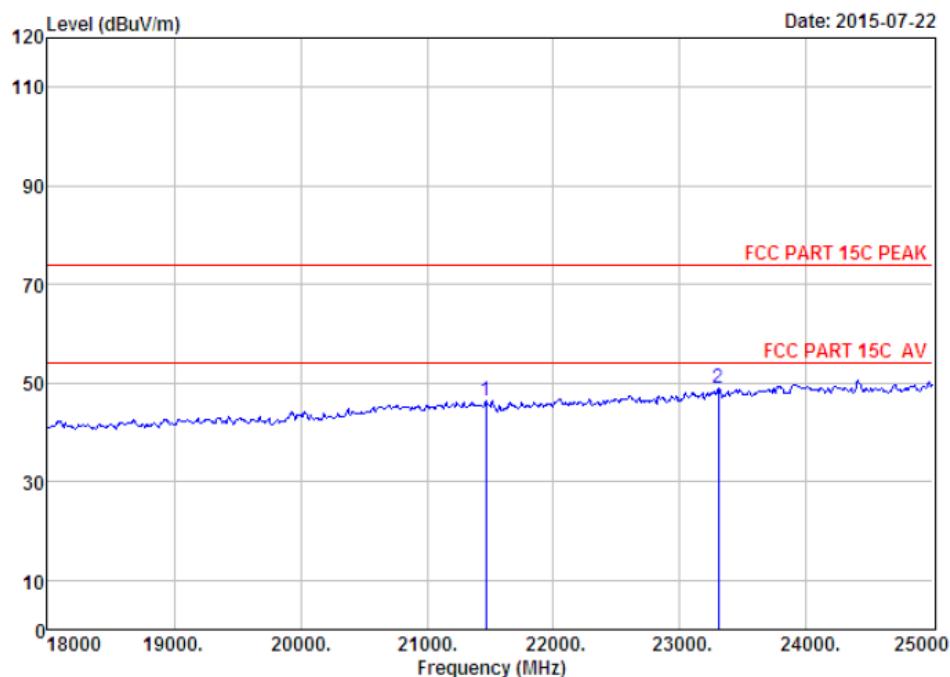
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 58
 Dis. / Ant. : 3m ANT ABVOE 16G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2441MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				Margin (dB)	Remark
				Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 21094.00	46.23	20.17	35.71	16.01	46.70	74.00	27.30	Peak	
2 23264.00	45.65	21.39	33.56	15.83	49.31	74.00	24.69	Peak	

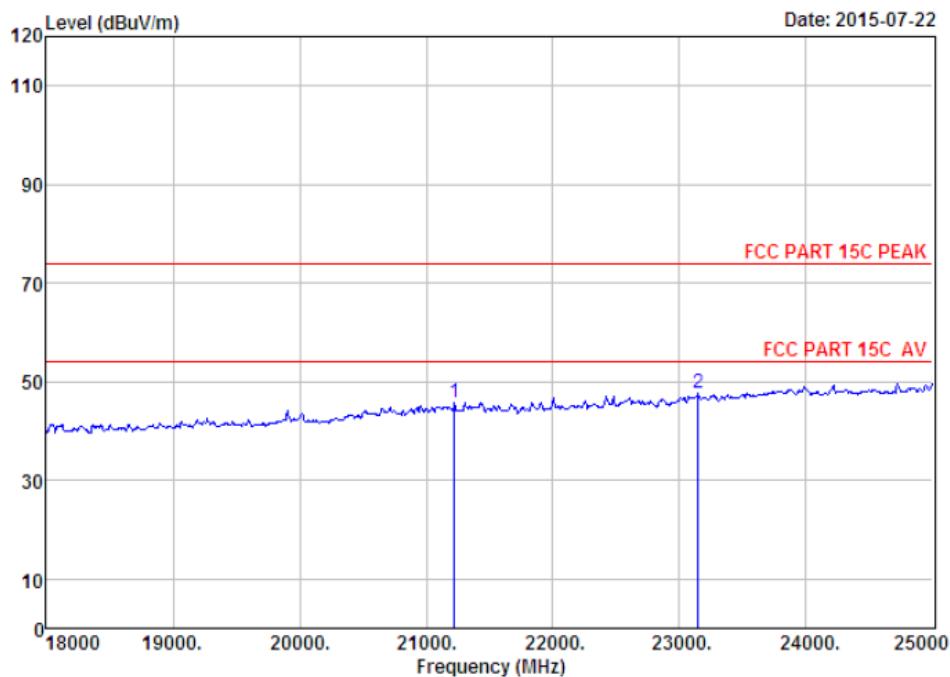
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 59
 Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2480MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				Margin (dB)	Remark
				Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 21465.00	46.01	20.33	35.37	15.46	46.43	74.00	27.57	Peak	
2 23306.00	45.66	21.43	33.53	15.29	48.85	74.00	25.15	Peak	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 60
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2480MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission			
					Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 21220.00	46.17	20.23	35.60	15.06	45.86	74.00	28.14	Peak
2 23145.00	45.63	21.28	33.69	14.32	47.54	74.00	26.46	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

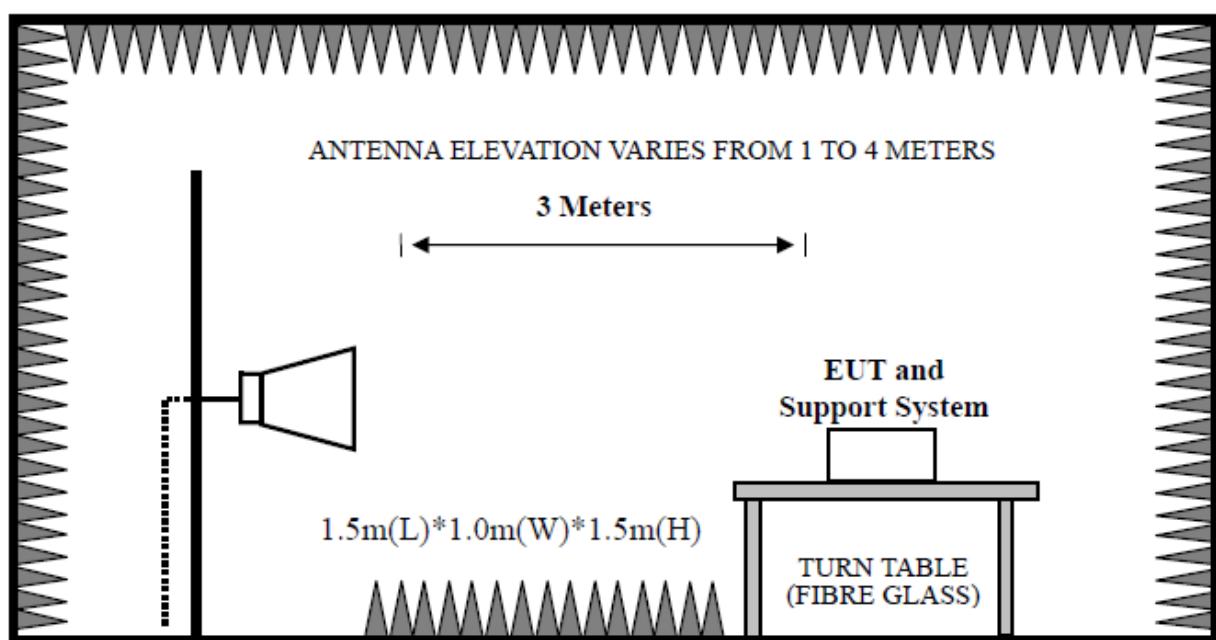
9. BAND EDGE COMPLIANCE

9.1. Limit

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

9.2. Block Diagram of Test setup

Above 1GHz



9.3. Test Procedure

EUT was placed on a turn table, which is 1.5 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it working in test mode, then test it. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved 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 test.

Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of emissions

- (a) Peak : RBW = 1MHz, VBW = 1MHz, Detector=PEAK detector, Sweep time = auto
- (b) AV : RBW = 1MHz, VBW = 10Hz, Detector=PEAK detector, Sweep time = auto .

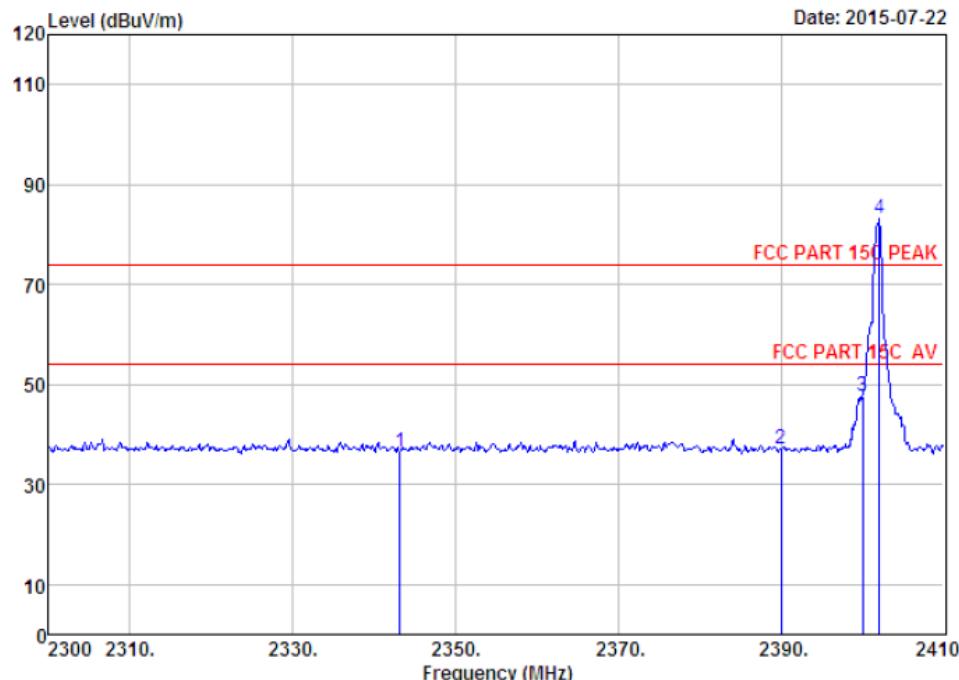
9.4. Test Result

EUT: PS3 BLUETOOTH
M/N: ASD116
Power: DC 3.7V
Test date: 2015-07-22 Test site: 3m Chamber Tested by: Tony Tang
Test mode: Tx Mode (Hopping On & No Hopping)
Pass

Note: 1、For emissions above 1GHz, if peak level comply with average limit, then the average level is deemed to comply with average limit.

2、The frequency 2402MHz 、2441MHz and 2480MHz is fundamental frequency which no limit, the limit on plots is automatically generated by the software, it's not fundamental limit, we can't remove it.

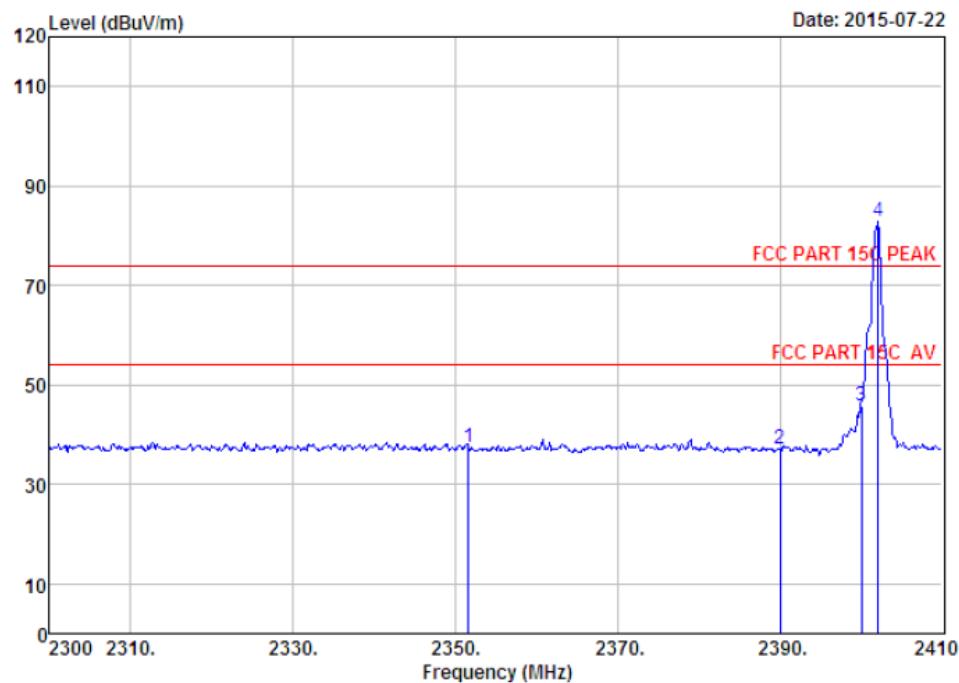
9.5. Test Data



Site no. : 1# 966 chamber Data no. : 31
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2402MHz(No Hopping)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2343.12	27.70	6.56	34.22	36.59	36.63	74.00	37.37 Peak
2	2390.00	27.64	6.62	34.19	37.15	37.22	74.00	36.78 Peak
3	2400.00	27.61	6.62	34.18	47.50	47.55	74.00	26.45 Peak
4	2402.08	27.61	6.62	34.18	83.04	83.09	74.00	-9.09 Peak

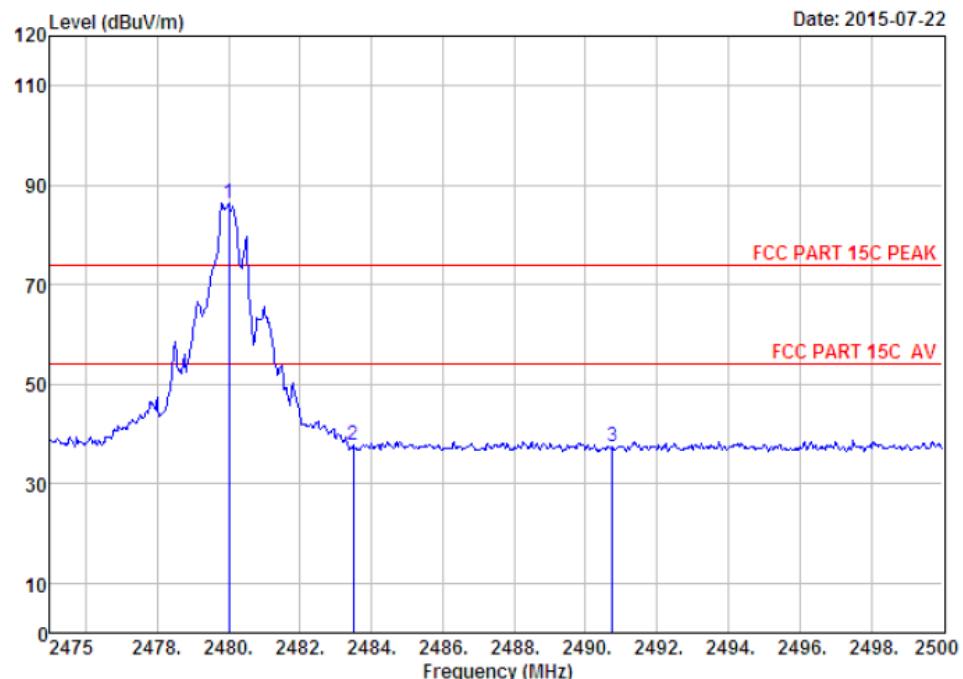
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 32
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2402MHz(No Hopping)

	Freq. (MHz)	Ant. Factor	Cable Loss	Amp Factor	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2351.59	27.70	6.58	34.22	37.47	37.53	74.00	36.47	Peak
2	2390.00	27.64	6.62	34.19	36.96	37.03	74.00	36.97	Peak
3	2400.00	27.61	6.62	34.18	45.68	45.73	74.00	28.27	Peak
4	2402.08	27.61	6.62	34.18	82.95	83.00	74.00	-9.00	Peak

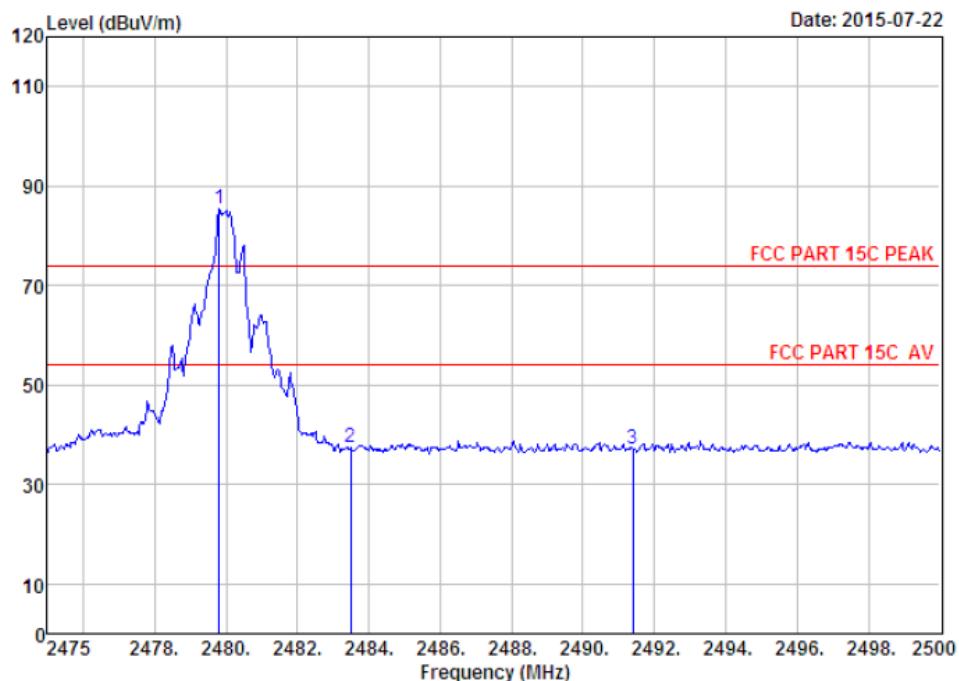
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 37
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2480MHz(No Hopping)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.00	27.58	6.71	34.03	86.17	86.43	74.00	-12.43	Peak
2	2483.50	27.58	6.71	34.03	37.60	37.86	74.00	36.14	Peak
3	2490.75	27.58	6.73	34.03	37.22	37.50	74.00	36.50	Peak

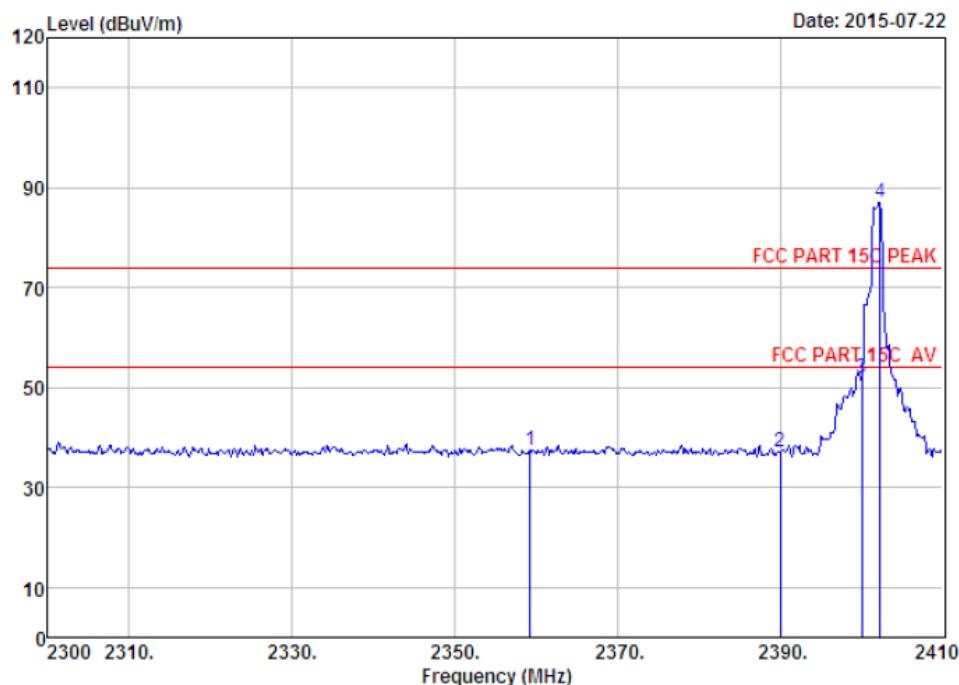
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 38
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2480MHz(No Hopping)

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				Margin (dB)	Remark
				Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2479.80	27.58	6.71	34.03	85.12	85.38	74.00	-11.38	Peak	
2 2483.50	27.58	6.71	34.03	37.15	37.41	74.00	36.59	Peak	
3 2491.40	27.58	6.73	34.03	36.94	37.22	74.00	36.78	Peak	

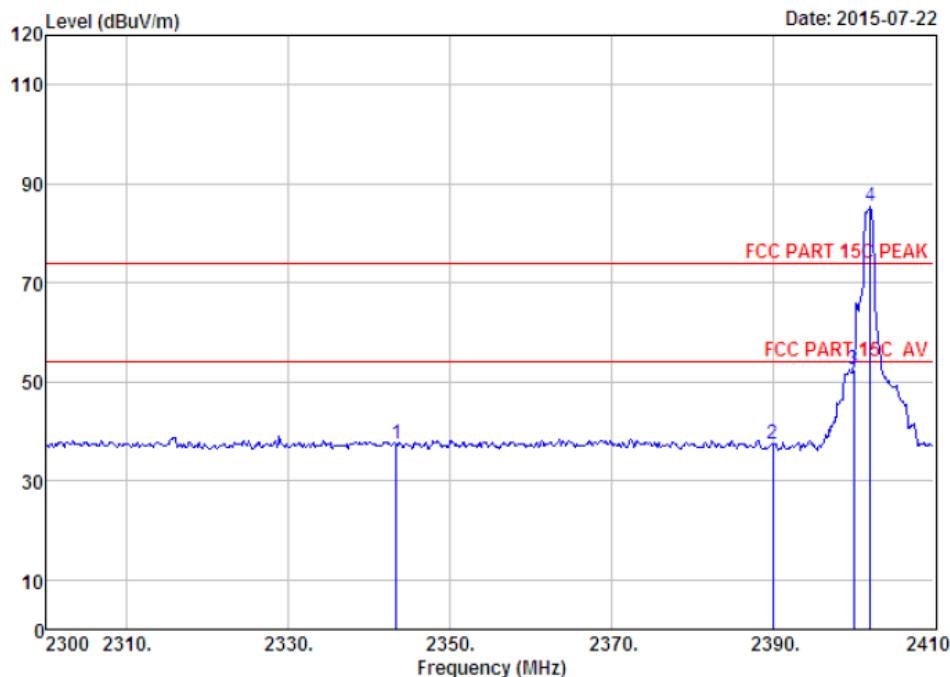
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 41
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2402MHz(No Hopping)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2359.29	27.67	6.58	34.20	37.26	37.31	74.00	36.69	Peak
2	2390.00	27.64	6.62	34.19	36.90	36.97	74.00	37.03	Peak
3	2400.00	27.61	6.62	34.18	51.65	51.70	74.00	22.30	Peak
4	2402.30	27.61	6.62	34.18	87.08	87.13	74.00	-13.13	Peak

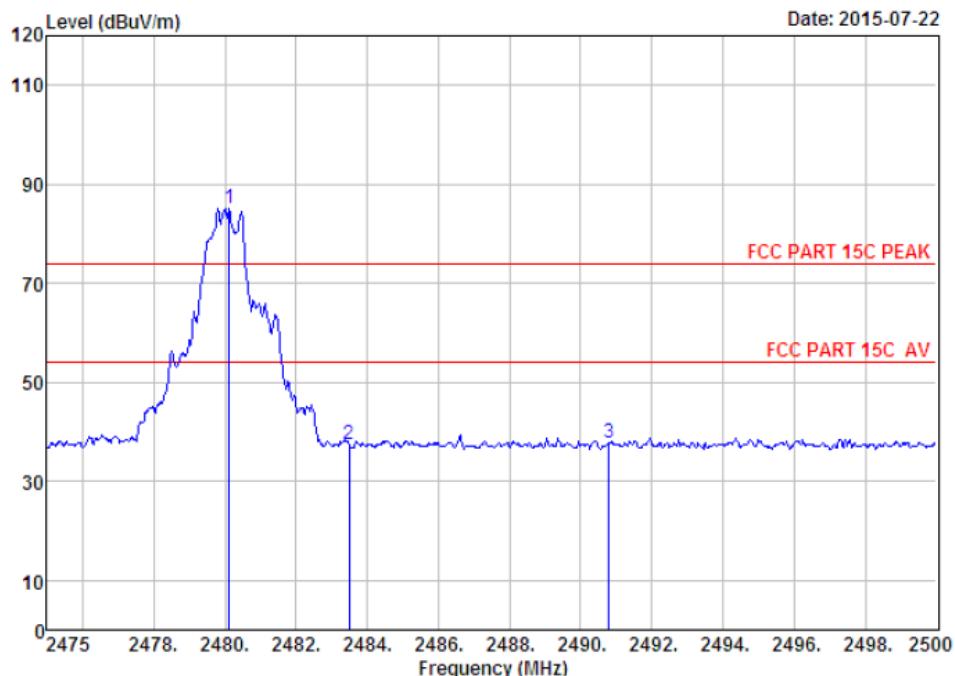
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 42
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2402MHz(No Hopping)

	Ant.	Cable	Amp	Emission					
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	2343.34	27.70	6.56	34.22	37.38	37.42	74.00	36.58	Peak
2	2390.00	27.64	6.62	34.19	37.34	37.41	74.00	36.59	Peak
3	2400.00	27.61	6.62	34.18	52.29	52.34	74.00	21.66	Peak
4	2402.08	27.61	6.62	34.18	85.51	85.56	74.00	-11.56	Peak

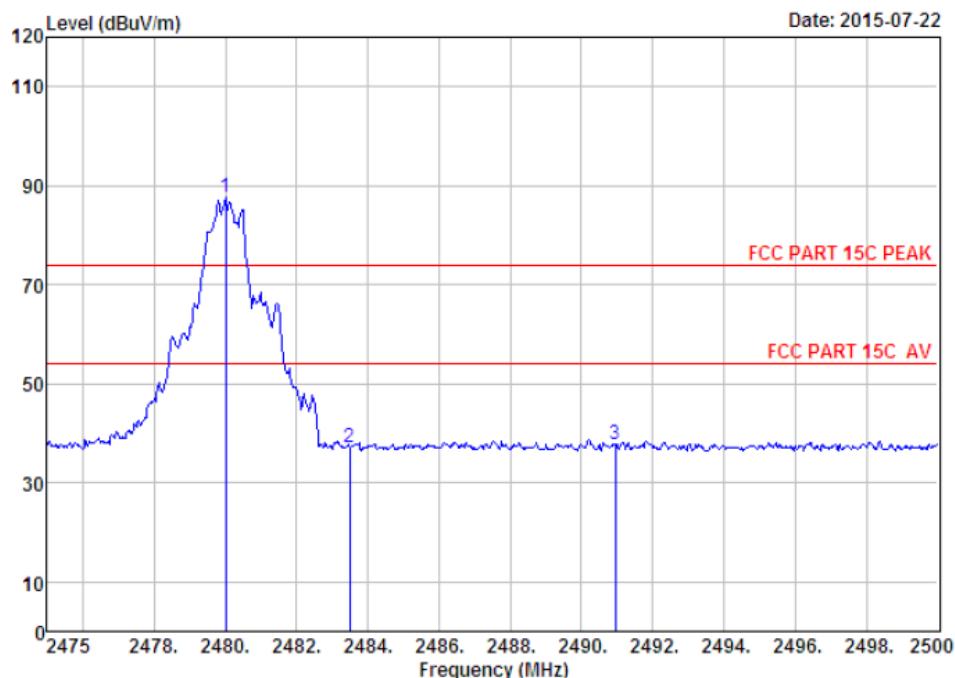
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 1# 966 chamber Data no. : 47
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUI : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2480MHz(No Hopping)

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission				Margin (dB)	Remark
					Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Margin (dB)		
1 2480.13	27.58	6.71	34.03	84.94	85.20	74.00	-11.20	36.67	Peak	
2 2483.50	27.58	6.71	34.03	37.07	37.33	74.00	36.67	36.35	Peak	
3 2490.80	27.58	6.73	34.03	37.37	37.65	74.00	36.35	36.35	Peak	

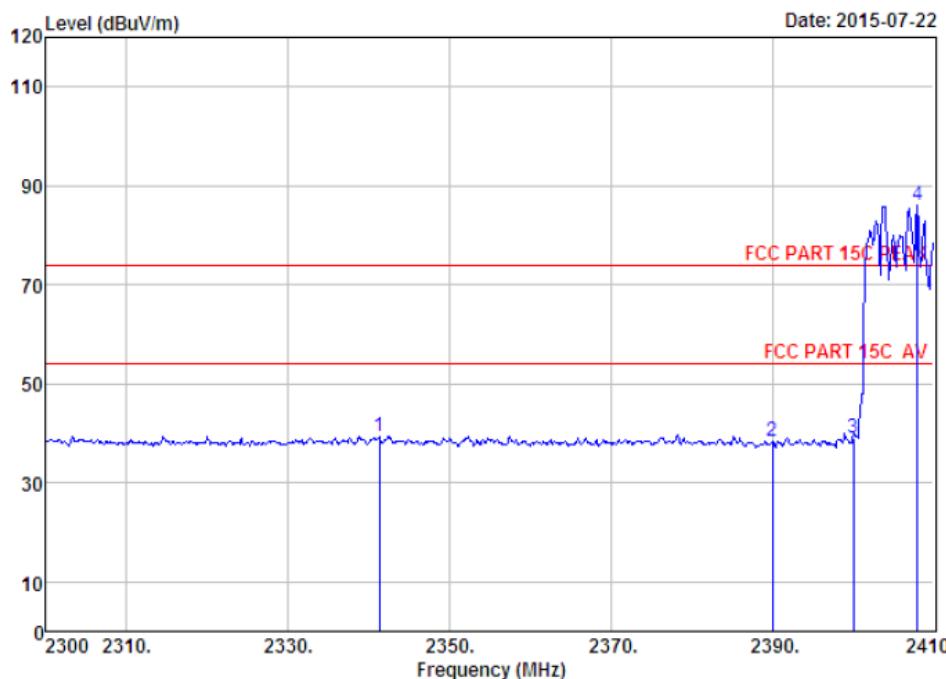
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 1# 966 chamber Data no. : 48
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2480MHz(No Hopping)

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				Margin (dB)	Remark
				Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2480.00	27.58	6.71	34.03	87.34	87.60	74.00	-13.60	Peak	
2 2483.50	27.58	6.71	34.03	36.73	36.99	74.00	37.01	Peak	
3 2490.95	27.58	6.73	34.03	37.45	37.73	74.00	36.27	Peak	

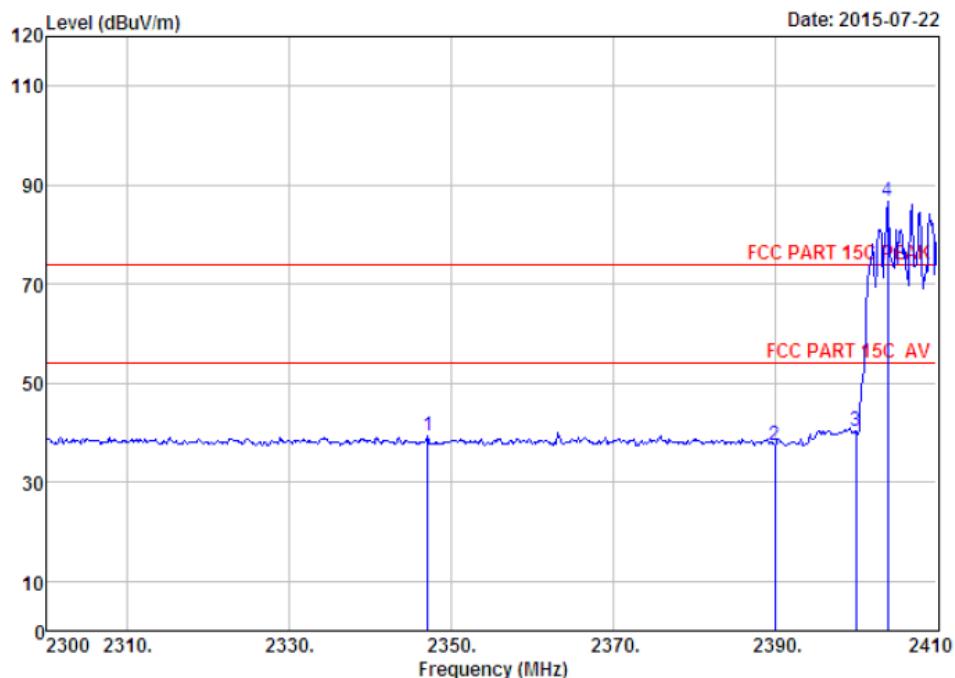
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 61
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2402MHz (Hopping On)

	Ant.	Cable	Amp	Emission				
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2341.25	27.70	6.56	34.22	39.31	39.35	74.00	34.65 Peak
2	2390.00	27.64	6.62	34.19	38.35	38.42	74.00	35.58 Peak
3	2400.00	27.61	6.62	34.18	38.93	38.98	74.00	35.02 Peak
4	2408.02	27.61	6.64	34.18	86.09	86.16	74.00	-12.16 Peak

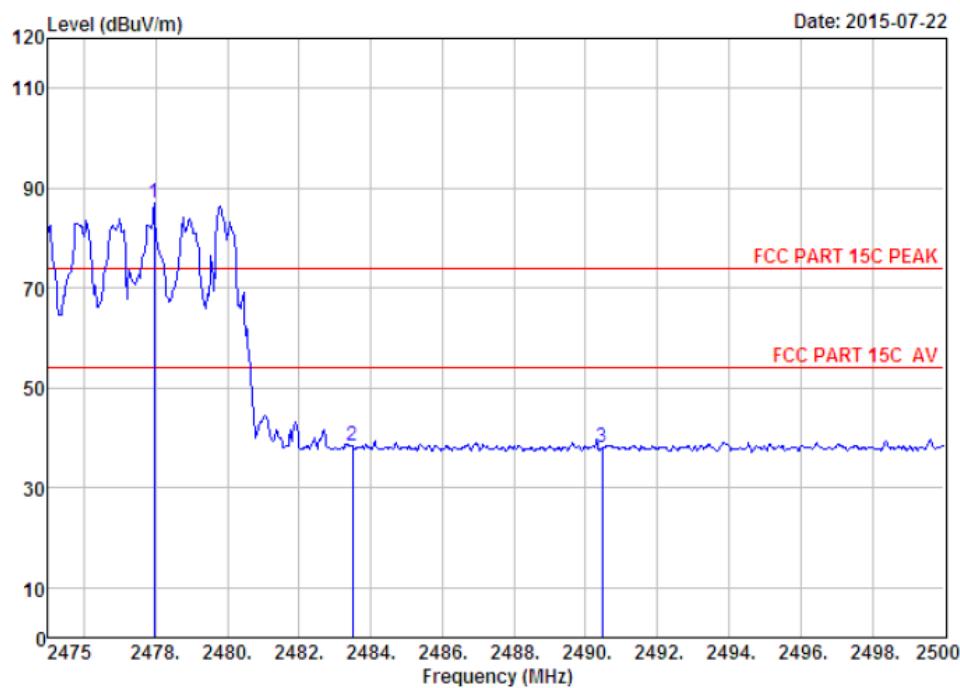
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 62
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2402MHz (Hopping On)

	Ant.	Cable	Amp	Emission				
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2347.08	27.70	6.56	34.22	39.29	39.33	74.00	34.67 Peak
2	2390.00	27.64	6.62	34.19	37.30	37.37	74.00	36.63 Peak
3	2400.00	27.61	6.62	34.18	40.14	40.19	74.00	33.81 Peak
4	2403.95	27.61	6.64	34.18	86.74	86.81	74.00	-12.81 Peak

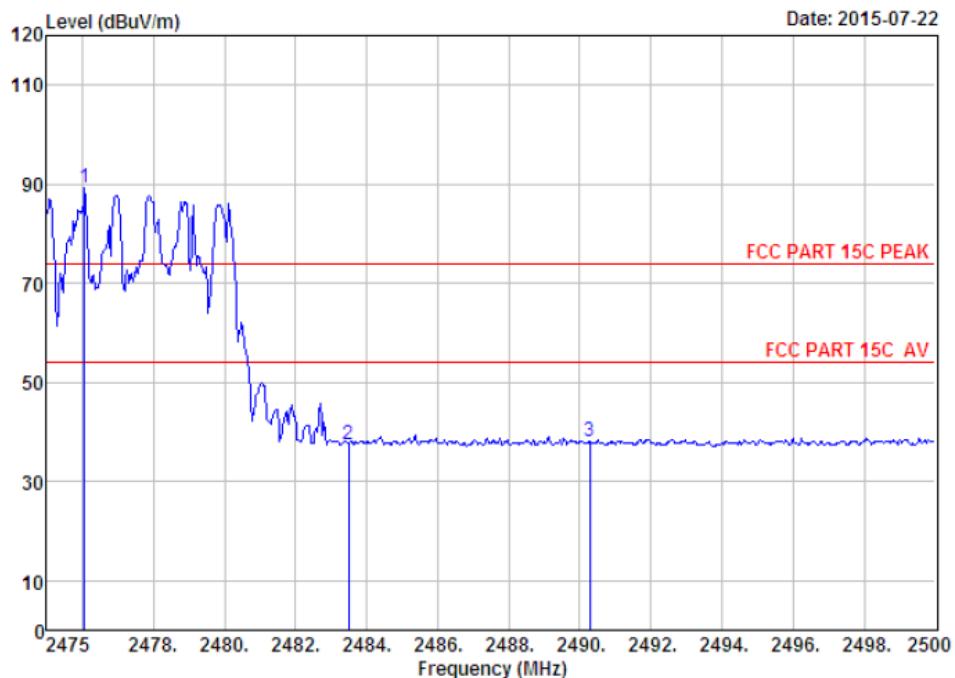
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 63
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2480MHz (Hopping On)

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				Margin (dB)	Remark
				Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2477.95	27.58	6.71	34.03	86.72	86.98	74.00	-12.98	Peak	
2 2483.50	27.58	6.71	34.03	37.98	38.24	74.00	35.76	Peak	
3 2490.45	27.58	6.73	34.03	37.81	38.09	74.00	35.91	Peak	

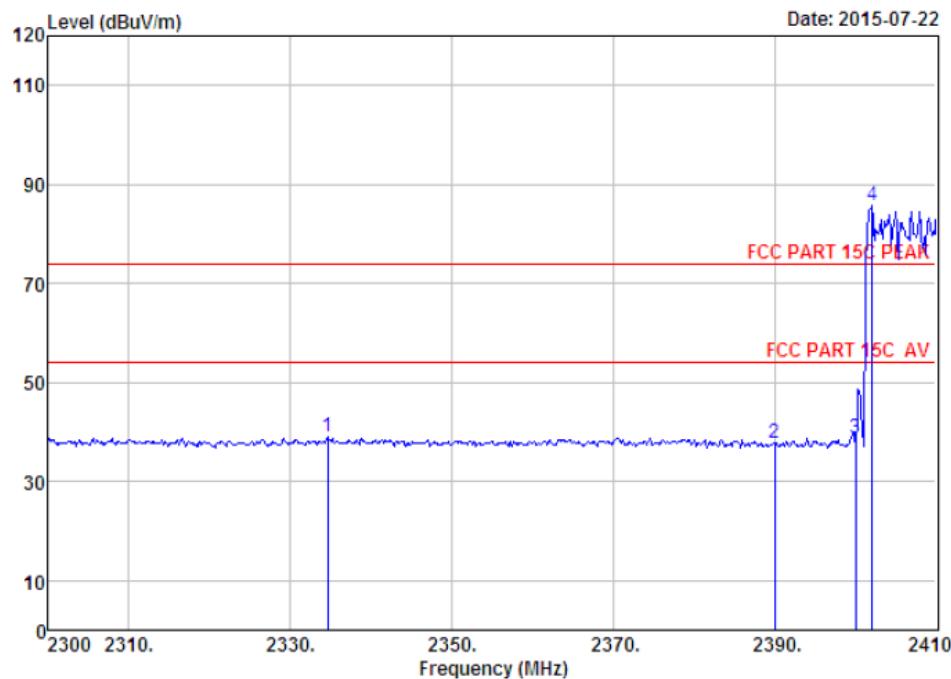
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 64
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : GFSK TX 2480MHz (Hopping On)

		Ant.	Cable	Amp	Emission			
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2476.05	27.58	6.71	34.06	88.93	89.16	74.00	-15.16 Peak
2	2483.50	27.58	6.71	34.03	37.21	37.47	74.00	36.53 Peak
3	2490.28	27.58	6.73	34.03	37.65	37.93	74.00	36.07 Peak

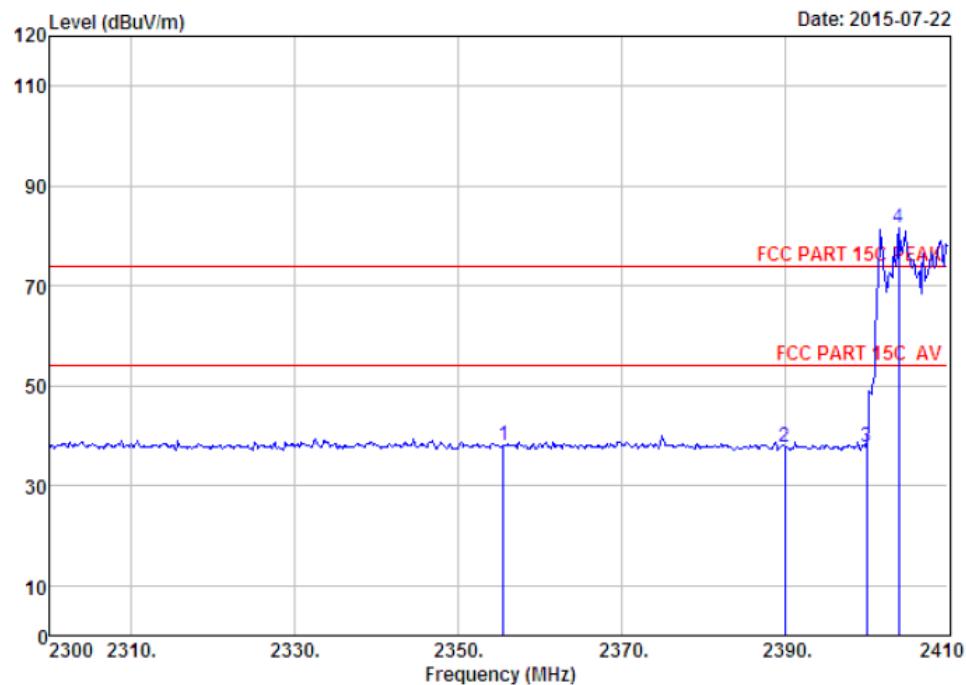
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 65
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2402MHz (Hopping On)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2334.65	27.73	6.56	34.23	39.12	39.18	74.00	34.82	Peak
2	2390.00	27.64	6.62	34.19	37.59	37.66	74.00	36.34	Peak
3	2400.00	27.61	6.62	34.18	38.64	38.69	74.00	35.31	Peak
4	2402.08	27.61	6.62	34.18	85.75	85.80	74.00	-11.80	Peak

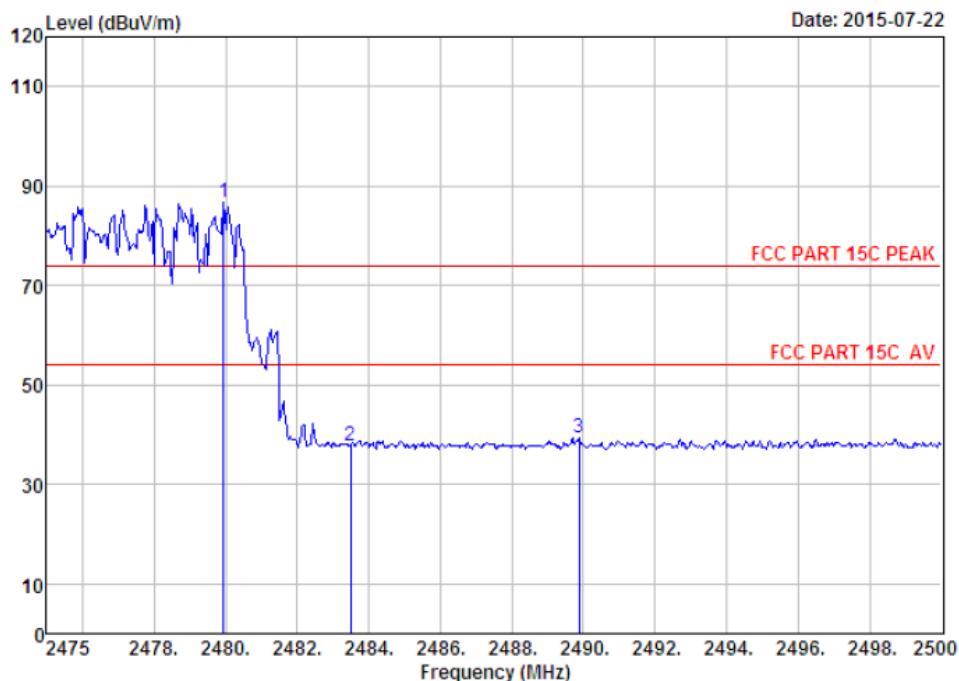
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 66
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2402MHz (Hopping On)

Freq. (MHz)	Ant. Factor	Cable Loss	Amp Factor	Reading (dBuV)	Emission				Margin (dB)	Remark
					Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)			
1 2355.55	27.70	6.58	34.22	38.03	38.09	74.00	35.91	Peak		
2 2390.00	27.64	6.62	34.19	37.82	37.89	74.00	36.11	Peak		
3 2400.00	27.61	6.62	34.18	37.81	37.86	74.00	36.14	Peak		
4 2403.95	27.61	6.64	34.18	81.46	81.53	74.00	-7.53	Peak		

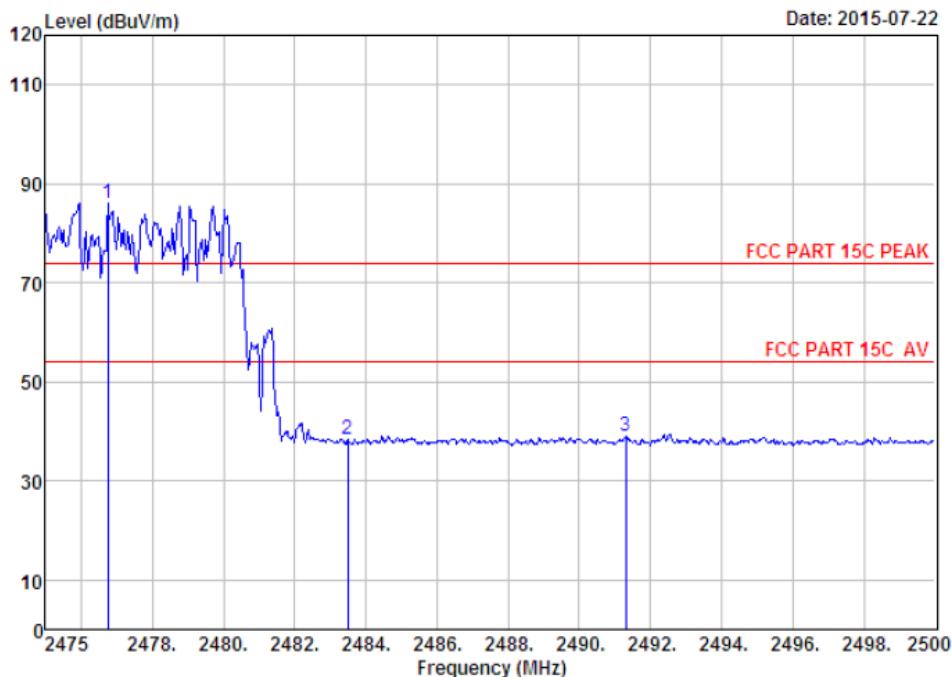
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 67
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2480MHz (Hopping On)

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission			Margin (dB)	Remark
				Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1 2479.95	27.58	6.71	34.03	86.45	86.71	74.00	-12.71	Peak
2 2483.50	27.58	6.71	34.03	37.34	37.60	74.00	36.40	Peak
3 2489.88	27.58	6.73	34.03	38.95	39.23	74.00	34.77	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 chamber Data no. : 68
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 3.7V
 M/N : ASD116
 Test Mode : 8-DPSK TX 2480MHz (Hopping On)

	Ant.	Cable	Amp	Emission				
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2476.75	27.58	6.71	34.06	85.79	86.02	74.00	-12.02 Peak
2	2483.50	27.58	6.71	34.03	38.25	38.51	74.00	35.49 Peak
3	2491.30	27.58	6.73	34.03	38.63	38.91	74.00	35.09 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

10. POWER LINE CONDUCTED EMISSION TEST

10.1. Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(µV)	Average Level dB(µV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.
 2. The lower limit shall apply at the transition frequencies.

10.2. Test Procedure

The EUT was placed on a non-metallic table, 10cm above the ground plane. The EUT Power connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). The AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.10: 2013 on Conducted Emission Test.

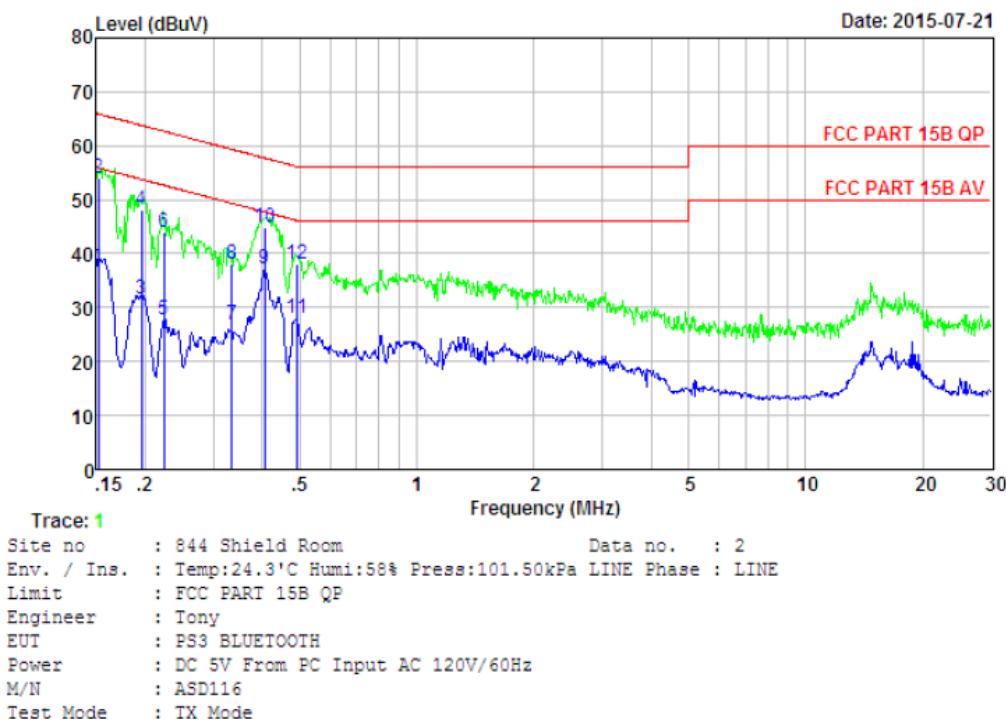
The bandwidth of test receiver (R & S ESHS30) is set at 10kHz.

The frequency range from 150kHz to 30MHz is checked.

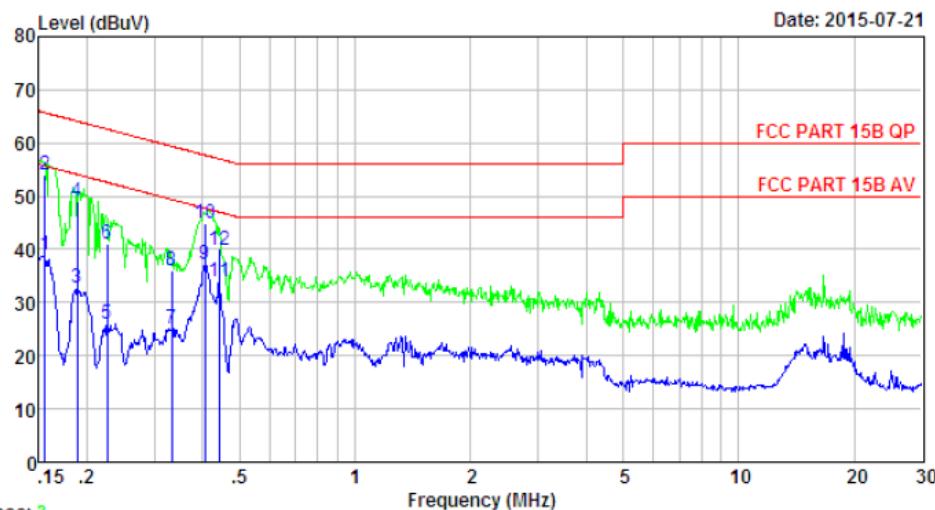
10.3. Result

PASS. (All emissions not reported below are too low against the prescribed limits.)

10.4.Data



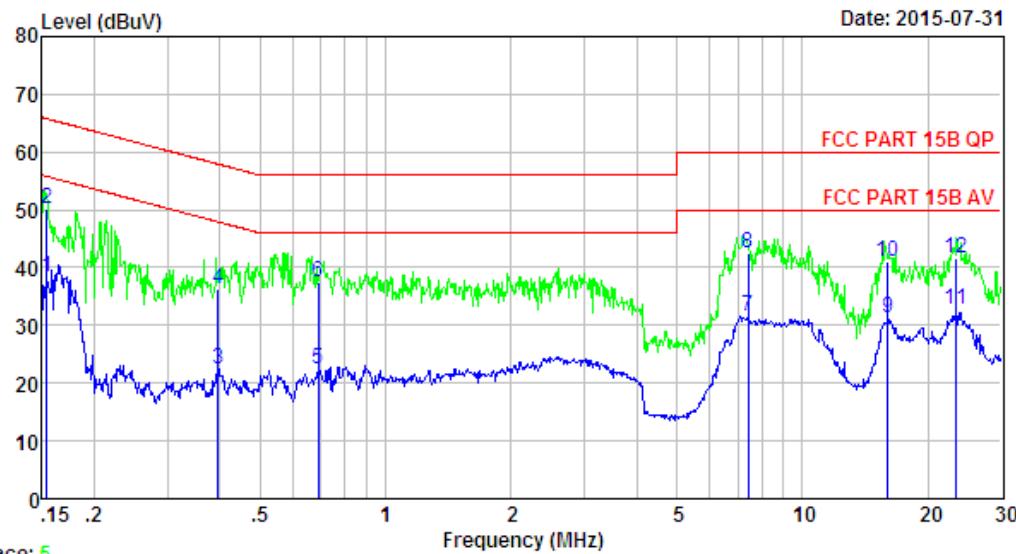
Freq. (MHz)	Lisn Factor (db)	Cable Loss (db)	Reading dBuV)	Emission			
				Level dBuV)	Limits dBuV)	Margin dB)	Remark
1 0.152	9.61	9.81	18.21	37.63	55.91	18.28	Average
2 0.152	9.61	9.81	34.58	54.00	65.91	11.91	QP
3 0.195	9.61	9.80	12.23	31.64	53.80	22.16	Average
4 0.195	9.61	9.80	28.59	48.00	63.80	15.80	QP
5 0.223	9.61	9.80	8.23	27.64	52.70	25.06	Average
6 0.223	9.61	9.80	24.59	44.00	62.70	18.70	QP
7 0.334	9.61	9.83	7.32	26.76	49.35	22.59	Average
8 0.334	9.61	9.83	18.56	38.00	59.35	21.35	QP
9 0.406	9.61	9.82	17.68	37.11	47.73	10.62	Average
10 0.406	9.61	9.82	25.57	45.00	57.73	12.73	QP
11 0.491	9.61	9.81	8.56	27.98	46.14	18.16	Average
12 0.491	9.61	9.81	18.58	38.00	56.14	18.14	QP



Trace: 3

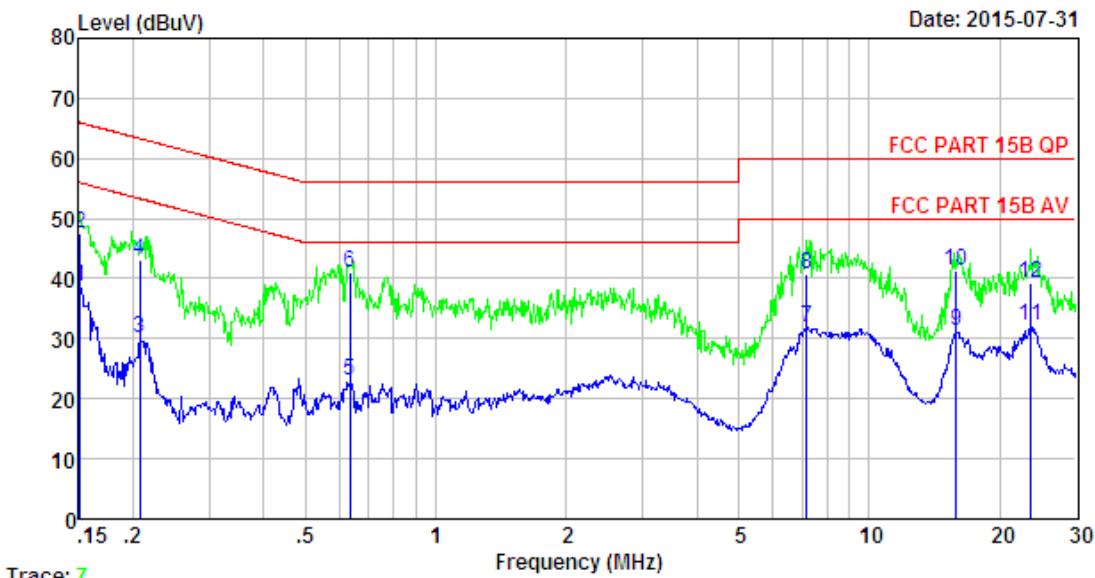
Site no : 844 Shield Room Data no. : 4
 Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
 Limit : FCC PART 15B QP
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 Power : DC 5V From PC Input AC 120V/60Hz
 M/N : ASD116
 Test Mode : TX Mode

Freq. (MHz)	Lisn	Cable	Emission			Margin (dB)	Remark
	Factor (db)	Loss (db)	Reading dBuV)	Level (dBuV)	Limits (dBuV)		
1 0.156	9.48	9.81	19.60	38.89	55.69	16.80	Average
2 0.156	9.48	9.81	34.71	54.00	65.69	11.69	QP
3 0.188	9.57	9.80	13.34	32.71	54.11	21.40	Average
4 0.188	9.57	9.80	29.63	49.00	64.11	15.11	QP
5 0.226	9.60	9.80	6.57	25.97	52.61	26.64	Average
6 0.226	9.60	9.80	21.60	41.00	62.61	21.61	QP
7 0.332	9.59	9.83	5.77	25.19	49.40	24.21	Average
8 0.332	9.59	9.83	16.58	36.00	59.40	23.40	QP
9 0.406	9.59	9.82	17.87	37.28	47.73	10.45	Average
10 0.406	9.59	9.82	25.59	45.00	57.73	12.73	QP
11 0.442	9.59	9.81	14.54	33.94	47.02	13.08	Average
12 0.442	9.59	9.81	20.60	40.00	57.02	17.02	QP



Site no : 844 Shield Room
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa LINE
 Limit : FCC PART 15B QP
 Engineer : Tony
 EUT : PS3 BLUETOOTH
 M/N : DC 5V From PC Input AC 240V/60Hz
 Power : ASD116
 Test Mode : TX Mode

Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Emission				Remark
			Reading (dBuV)	Level (dBuV)	Limits (dBuV)	Margin (dB)	
1 0.15	9.61	9.81	18.83	38.25	55.78	17.53	Average
2 0.15	9.61	9.81	30.83	50.25	65.78	15.53	QP
3 0.40	9.61	9.82	2.97	22.40	47.95	25.55	Average
4 0.40	9.61	9.82	16.97	36.40	57.95	21.55	QP
5 0.69	9.59	9.81	2.98	22.38	46.00	23.62	Average
6 0.69	9.59	9.81	17.98	37.38	56.00	18.62	QP
7 7.41	9.66	9.87	11.99	31.52	50.00	18.48	Average
8 7.41	9.66	9.87	22.99	42.52	60.00	17.48	QP
9 16.05	9.69	9.94	11.53	31.16	50.00	18.84	Average
10 16.05	9.69	9.94	21.53	41.16	60.00	18.84	QP
11 23.39	9.67	10.02	12.94	32.63	50.00	17.37	Average
12 23.39	9.67	10.02	21.94	41.63	60.00	18.37	QP



Freq. (MHz)	LISN	Cable	Emission			Margin (dB)	Remark
	Factor (dB)	Loss (dB)	Reading (dBuV)	Level (dBuV)	Limits (dBuV)		
1	0.15	9.46	9.81	19.40	38.67	55.96	Average
2	0.15	9.46	9.81	28.40	47.67	65.96	QP
3	0.21	9.60	9.80	10.72	30.12	53.32	Average
4	0.21	9.60	9.80	23.72	43.12	63.32	QP
5	0.63	9.62	9.81	3.48	22.91	46.00	Average
6	0.63	9.62	9.81	21.48	40.91	56.00	QP
7	7.18	9.66	9.88	12.25	31.79	50.00	Average
8	7.18	9.66	9.88	21.25	40.79	60.00	QP
9	15.89	9.74	9.94	11.60	31.28	50.00	Average
10	15.89	9.74	9.94	21.60	41.28	60.00	QP
11	23.64	9.78	10.01	12.43	32.22	50.00	Average
12	23.64	9.78	10.01	19.43	39.22	60.00	QP

11. ANTENNA REQUIREMENTS

11.1. Limit

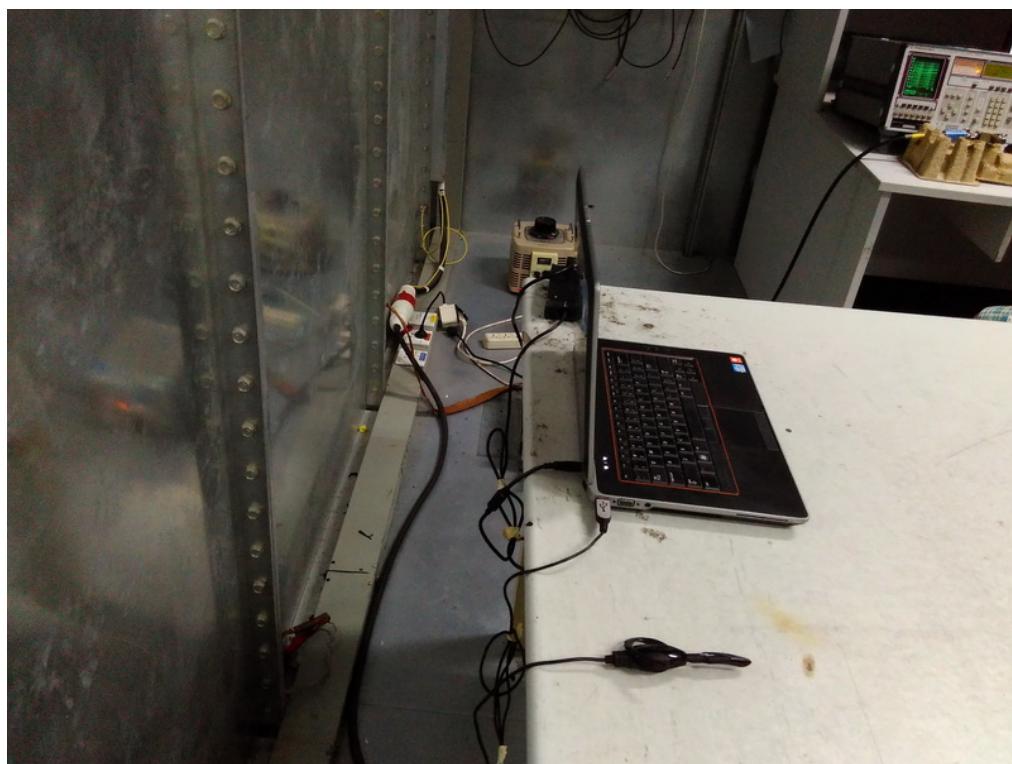
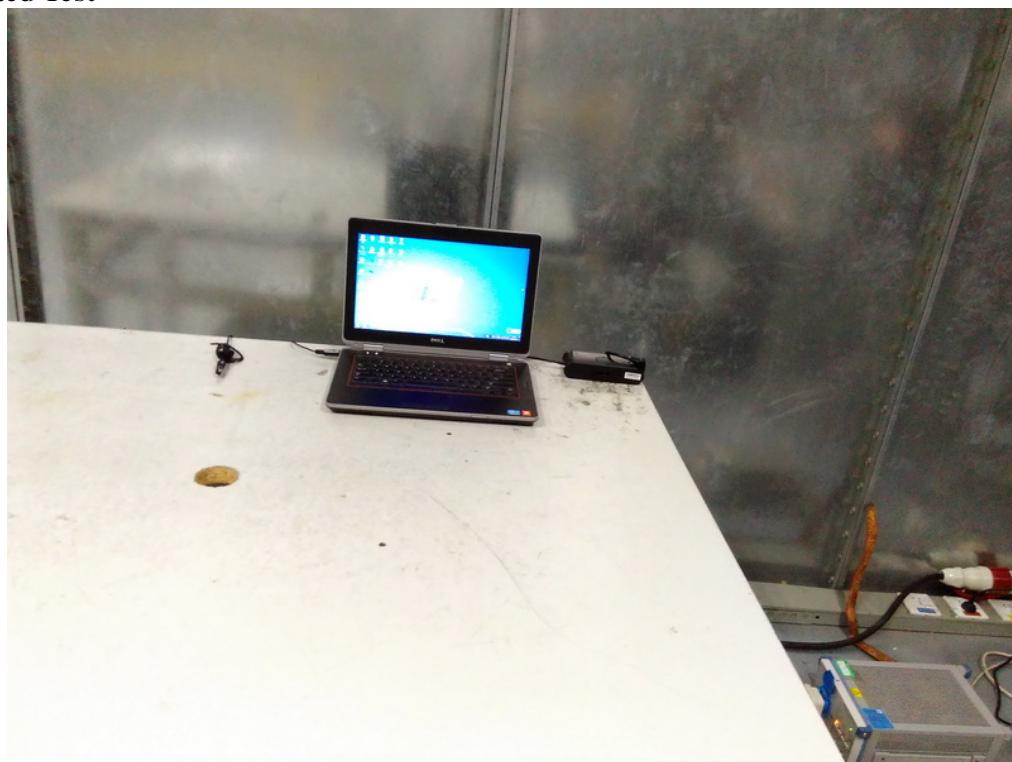
For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

11.2. Result

The antennas used for this product are Integrated PCB antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only 1.13 dBi.

12. TEST SETUP PHOTO

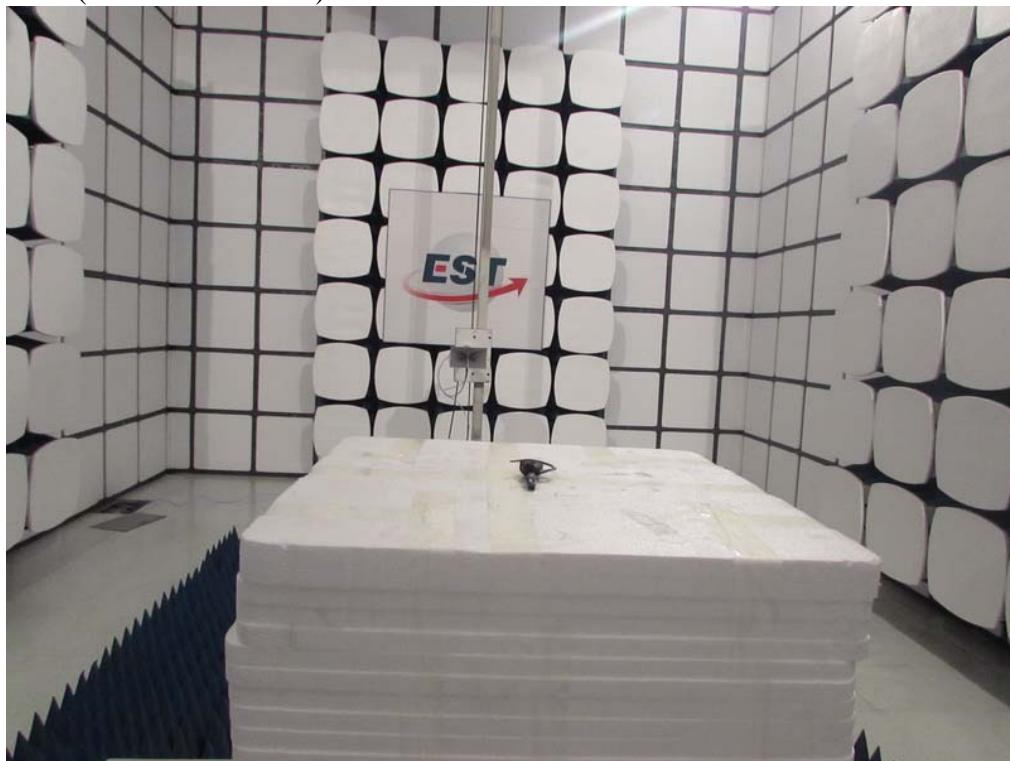
Conducted Test



Radiated Test (30-1000 MHz)



Radiated Test (1000-25000 MHz)



13. PHOTOS OF EUT

External Photos
M/N: ASD116



External Photos

M/N: ASD116

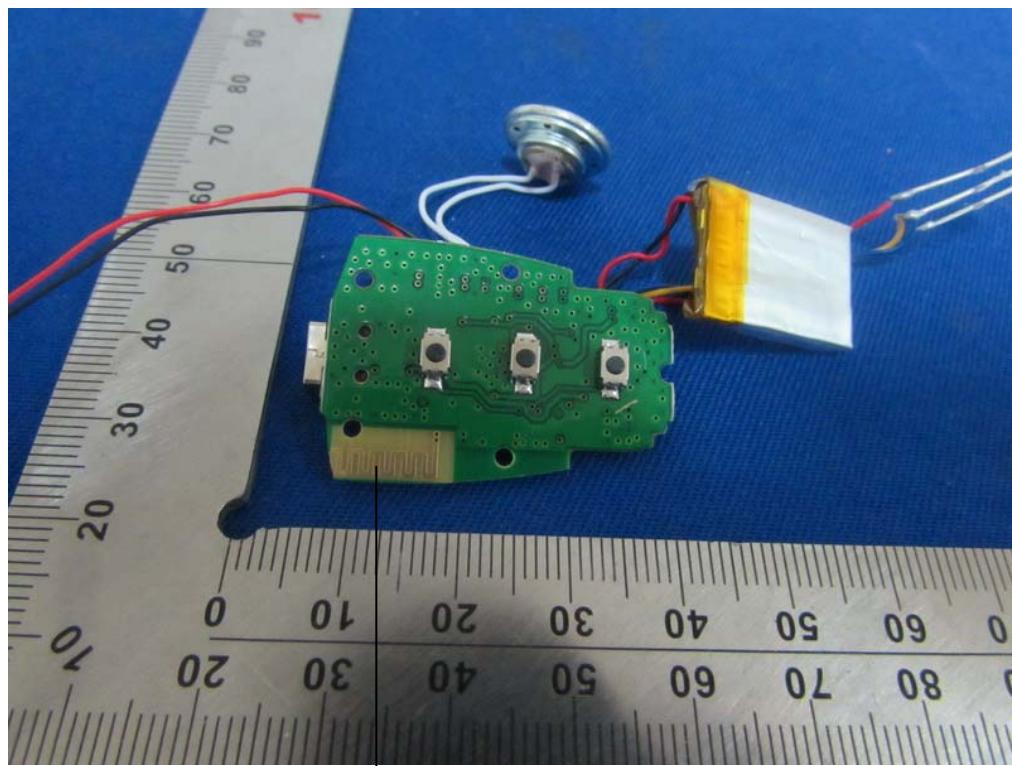
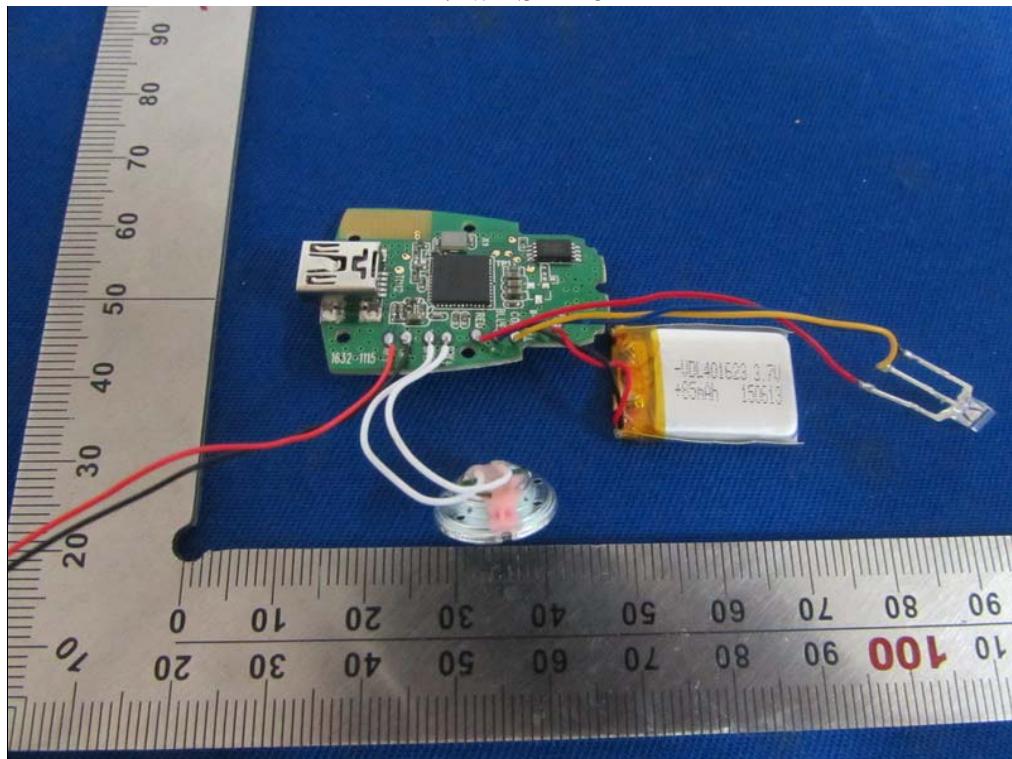


External Photos

M/N: ASD116



Internal Photos
M/N: ASD116



Bluetooth Antenna

Internal Photos
M/N: ASD116

