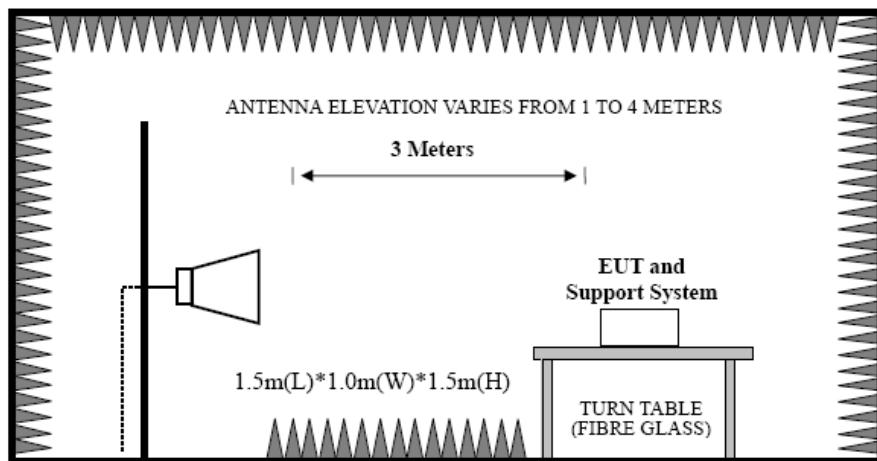


## 9. BAND EDGE COMPLIANCE

### 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



### 9.3. Test Procedure

EUT was placed on a turn table, which is 1.5 m 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

Peak : RBW = 1MHz, VBW = 1MHz, Detector=PEAK detector, Sweep time = auto.

AV : RBW = 1MHz, VBW = 10Hz, Detector=PEAK detector, Sweep time = auto.

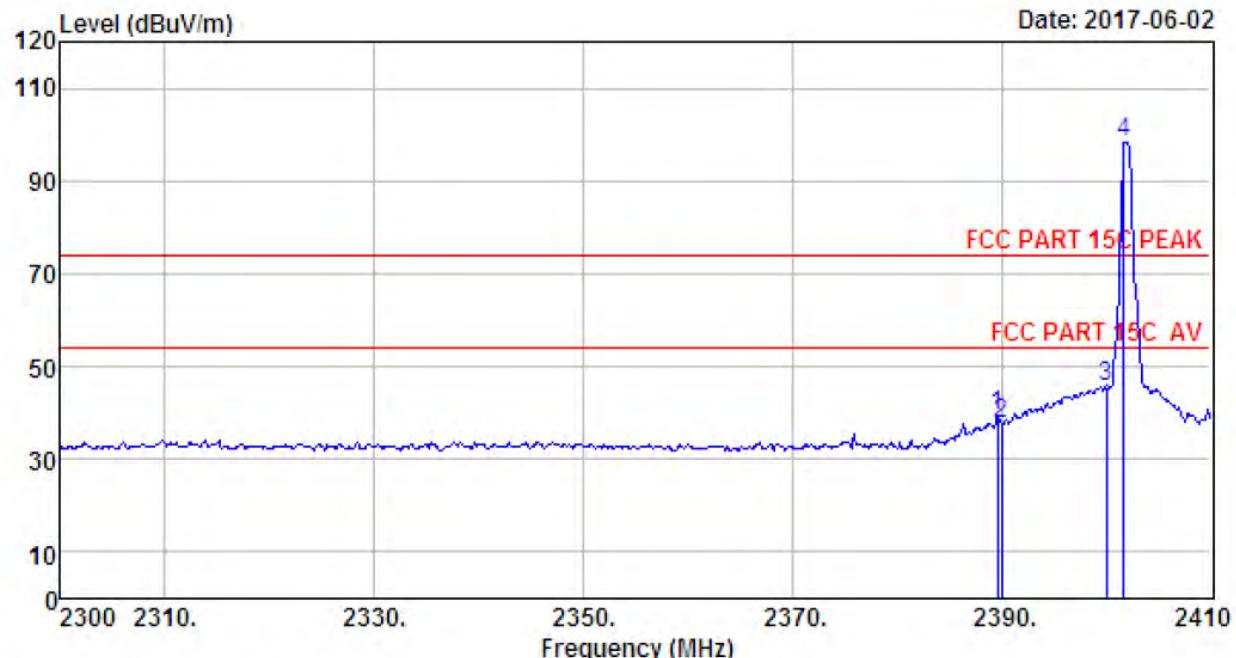
### 9.4. Test Result

Pass (The testing data was attached in the next pages.)

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.

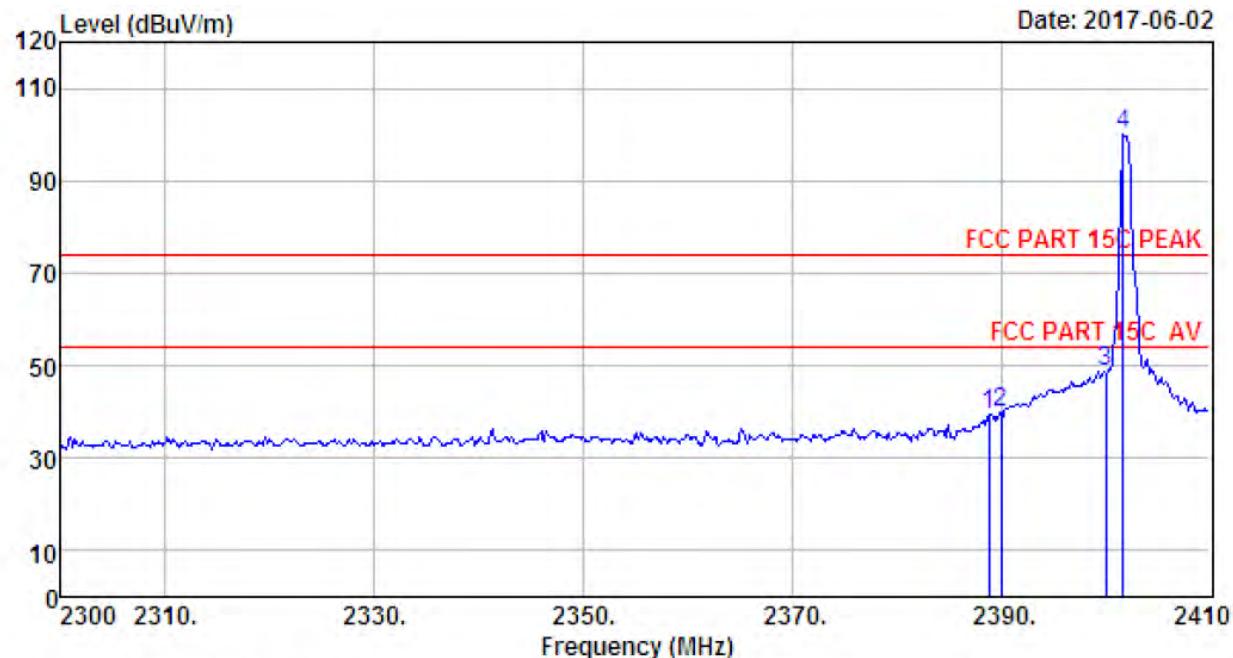
## 9.5. Test Data



Site no. : 1# 966 Chamber Data no. : 299  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : GFSK TX 2402MHz (No Hopping)  
 Adapter : DYS40-180220W-1

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 2389.65	27.64	6.62	34.62	39.71	39.35	74.00	34.65	Peak	
2 2390.00	27.64	6.62	34.62	38.16	37.80	74.00	36.20	Peak	
3 2400.00	27.61	6.62	34.64	45.90	45.49	74.00	28.51	Peak	
4 2401.75	27.61	6.62	34.64	98.87	98.46	74.00	-24.46	Peak	

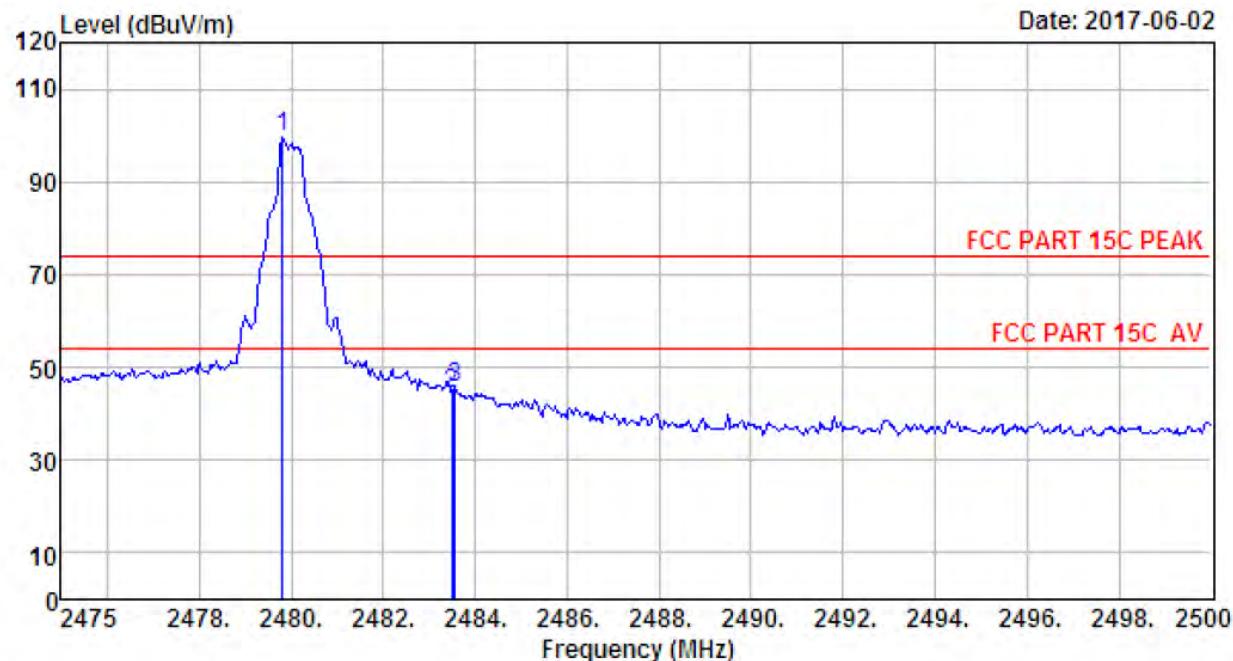
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 300  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : GFSK TX 2402MHz (No Hopping)  
               Adapter :DYS40-180220W-1

Freq. (MHz)	Ant.	Cable	Amp	Emission				Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2388.88	27.64	6.62	34.62	39.87	39.51	74.00	34.49	Peak	
2 2390.00	27.64	6.62	34.62	40.33	39.97	74.00	34.03	Peak	
3 2400.00	27.61	6.62	34.64	48.99	48.58	74.00	25.42	Peak	
4 2401.75	27.61	6.62	34.64	100.62	100.21	74.00	-26.21	Peak	

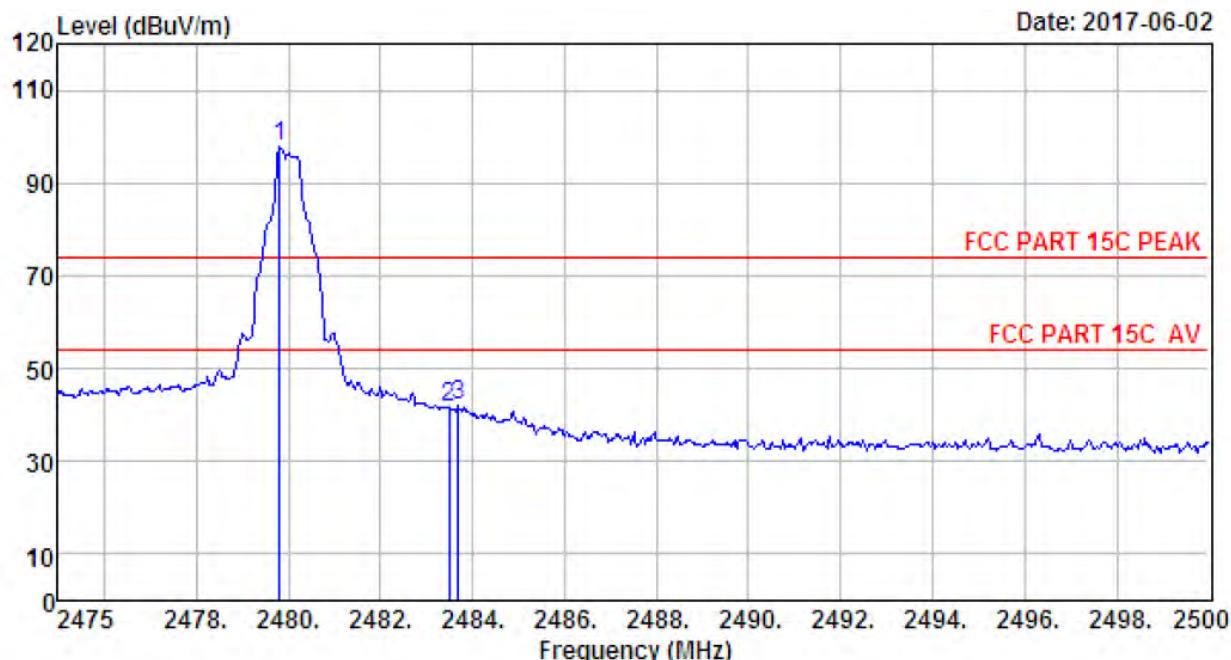
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 305  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : GFSK TX 2480MHz (No Hopping)  
 Adapter :DYS40-180220W-1

	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 2479.80	27.58	6.71	35.11	100.50	99.68	74.00	-25.68	Peak	
2 2483.50	27.58	6.71	35.11	45.02	44.20	74.00	29.80	Peak	
3 2483.55	27.58	6.71	35.11	46.23	45.41	74.00	28.59	Peak	

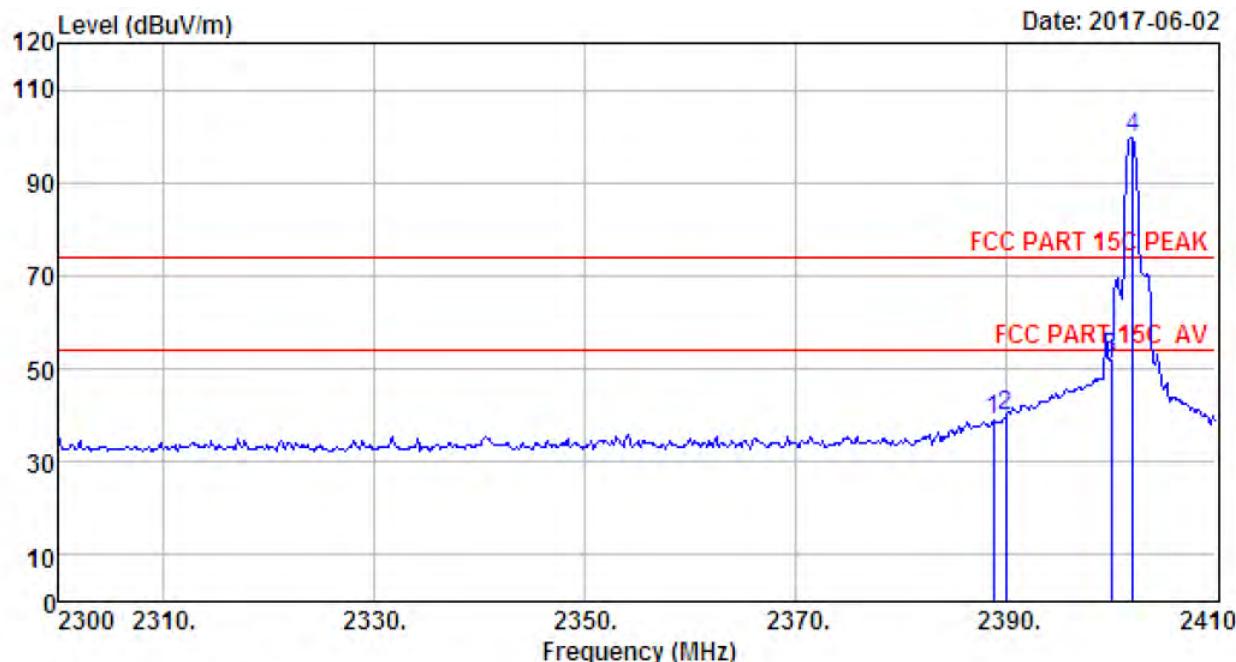
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 306  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : GFSK TX 2480MHz (No Hopping)  
 Adapter :DYS40-180220W-1

Freq. (MHz)	Ant.	Cable	Amp	Emission				Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2479.80	27.58	6.71	35.11	98.68	97.86	74.00	-23.86	Peak	
2 2483.50	27.58	6.71	35.11	42.31	41.49	74.00	32.51	Peak	
3 2483.70	27.58	6.71	35.11	42.73	41.91	74.00	32.09	Peak	

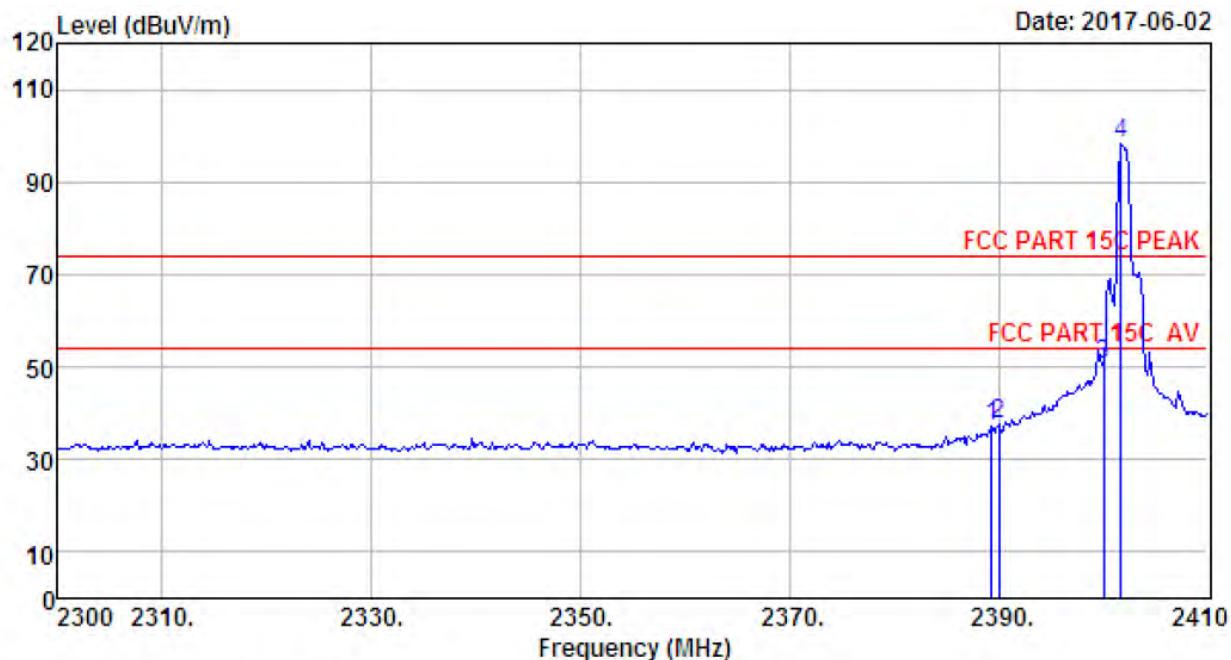
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 309  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : 8-DPSK TX 2402MHz (No Hopping)  
 Adapter :DYS40-180220W-1

Freq. (MHz)	Ant.	Cable	Amp	Emission				Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2388.88	27.64	6.62	34.62	39.26	38.90	74.00	35.10	Peak	
2 2390.00	27.64	6.62	34.62	40.12	39.76	74.00	34.24	Peak	
3 2400.00	27.61	6.62	34.64	52.57	52.16	74.00	21.84	Peak	
4 2402.08	27.61	6.62	34.64	100.09	99.68	74.00	-25.68	Peak	

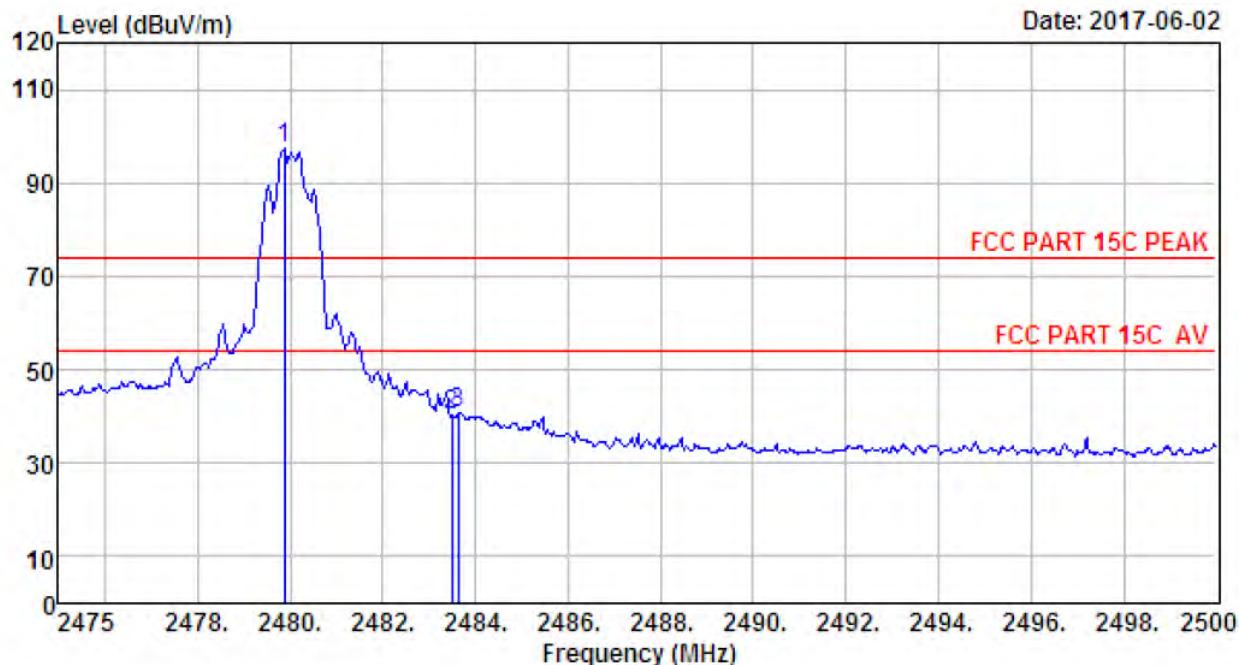
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 310  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : 8-DPSK TX 2402MHz (No Hopping)  
               Adapter :DYS40-180220W-1

	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 2389.32	27.64	6.62	34.62	37.51	37.15	74.00	36.85	Peak	
2 2390.00	27.64	6.62	34.62	37.83	37.47	74.00	36.53	Peak	
3 2400.00	27.61	6.62	34.64	50.77	50.36	74.00	23.64	Peak	
4 2401.75	27.61	6.62	34.64	98.63	98.22	74.00	-24.22	Peak	

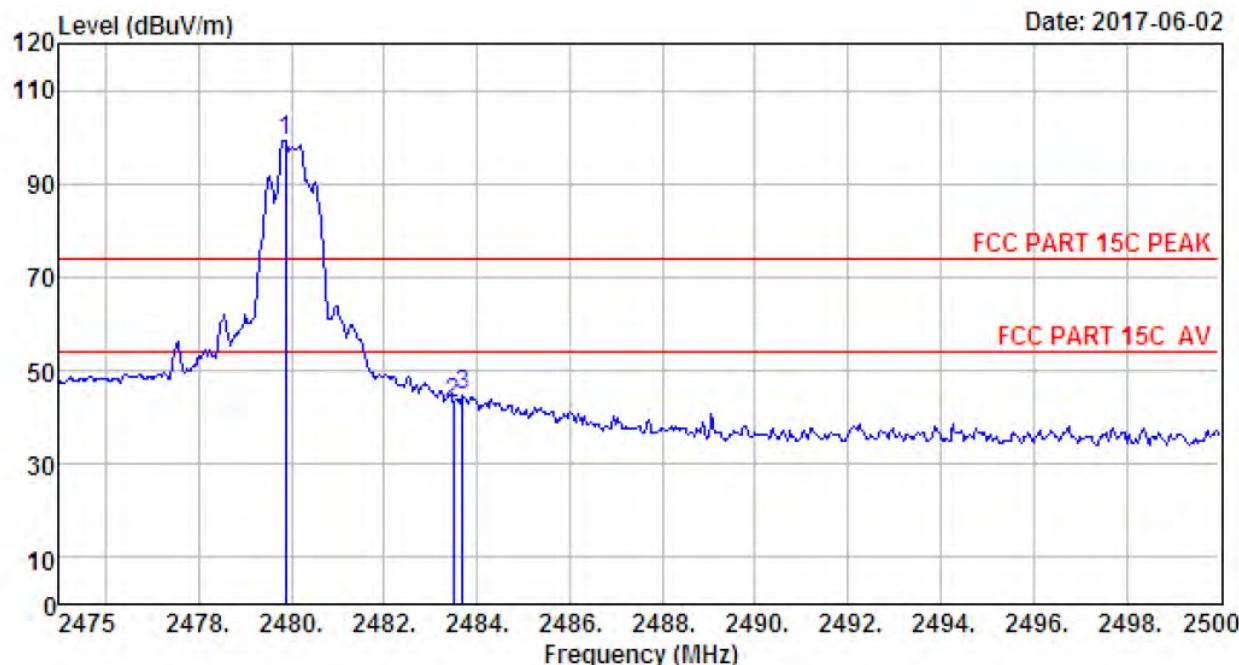
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 315  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : 8-DPSK TX 2480MHz (No Hopping)  
 Adapter :DYS40-180220W-1

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 2479.88	27.58	6.71	35.11	98.35	97.53	74.00	-23.53		Peak
2 2483.50	27.58	6.71	35.11	41.06	40.24	74.00	33.76		Peak
3 2483.63	27.58	6.71	35.11	41.64	40.82	74.00	33.18		Peak

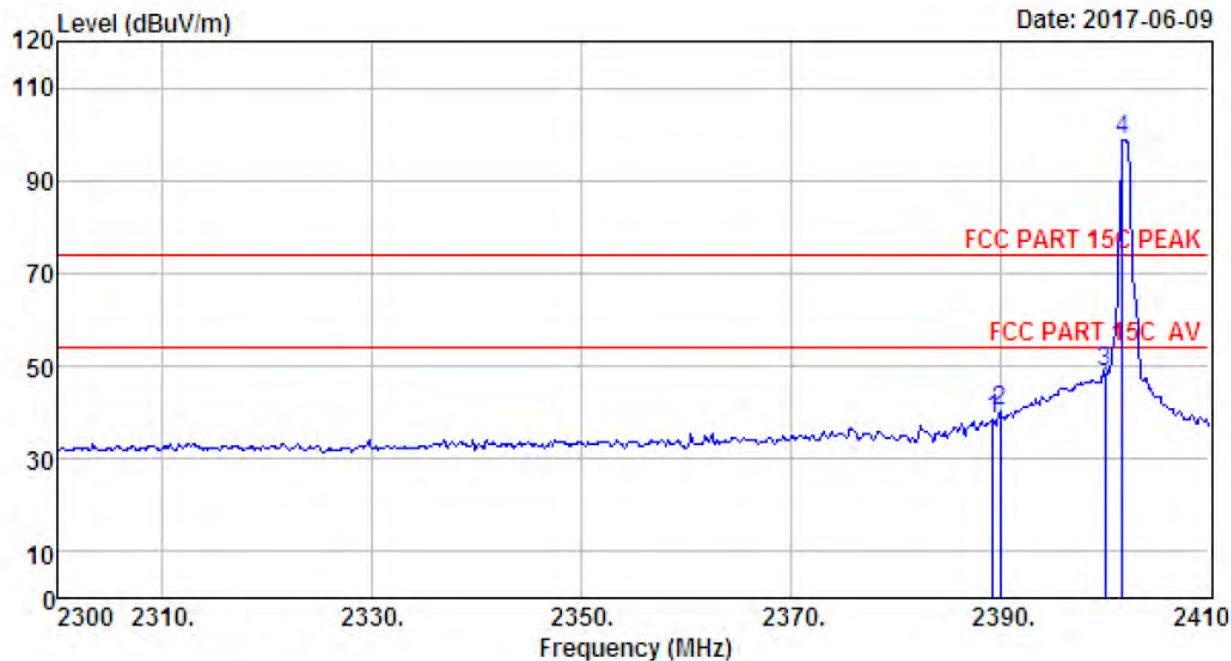
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 316  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : 8-DPSK TX 2480MHz (No Hopping)  
 Adapter :DYS40-180220W-1

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 2479.88	27.58	6.71	35.11	100.23	99.41	74.00	-25.41	Peak	
2 2483.50	27.58	6.71	35.11	43.86	43.04	74.00	30.96	Peak	
3 2483.70	27.58	6.71	35.11	45.56	44.74	74.00	29.26	Peak	

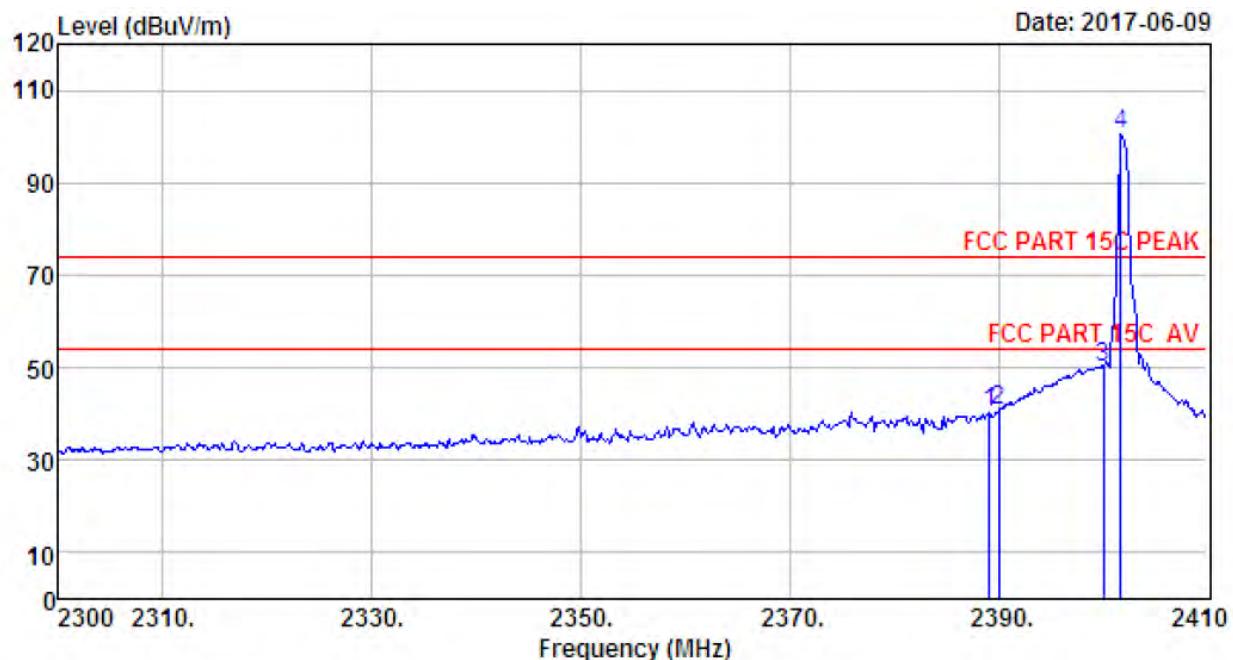
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 371  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : GFSK TX 2402MHz (No Hopping)  
 Adapter :VSL1800220HU

Freq. (MHz)	Ant.	Cable	Amp	Emission				Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2389.32	27.64	6.62	34.62	39.07	38.71	74.00	35.29	Peak	
2 2390.00	27.64	6.62	34.62	40.79	40.43	74.00	33.57	Peak	
3 2400.00	27.61	6.62	34.64	49.20	48.79	74.00	25.21	Peak	
4 2401.75	27.61	6.62	34.64	99.06	98.65	74.00	-24.65	Peak	

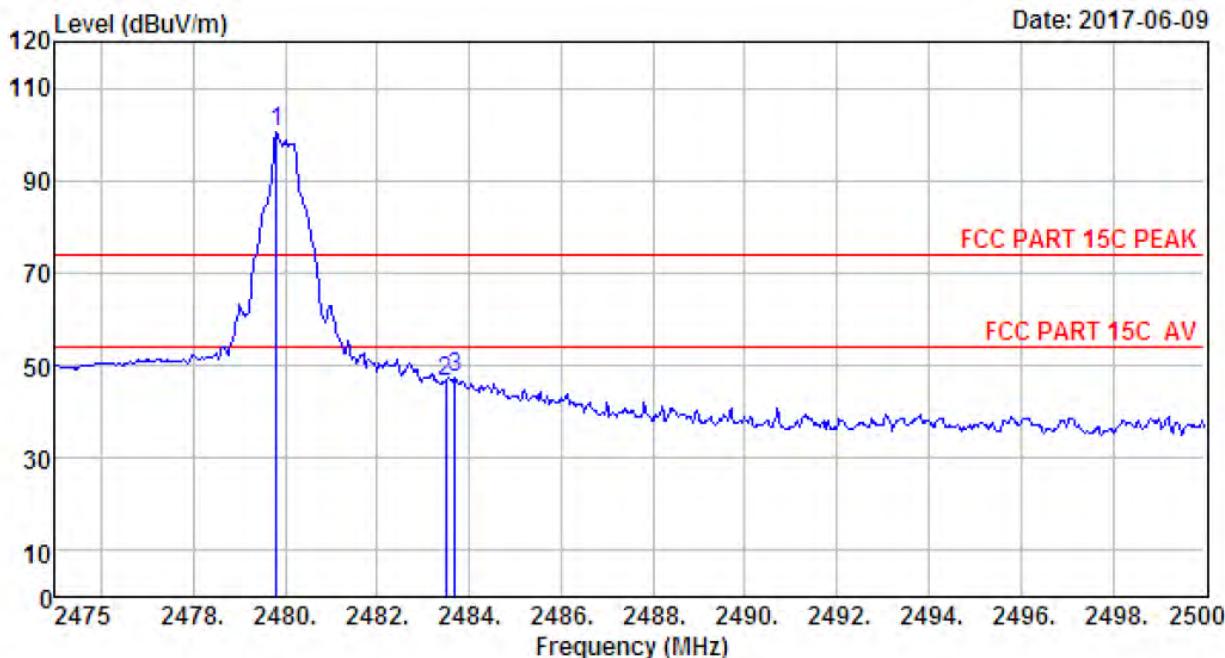
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 372  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : GFSK TX 2402MHz (No Hopping)  
               Adapter :VSL1800220HU

Freq. (MHz)	Ant.	Cable	Amp	Emission				Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2389.10	27.64	6.62	34.62	40.76	40.40	74.00	33.60	Peak	
2 2390.00	27.64	6.62	34.62	41.23	40.87	74.00	33.13	Peak	
3 2400.00	27.61	6.62	34.64	50.61	50.20	74.00	23.80	Peak	
4 2401.75	27.61	6.62	34.64	101.14	100.73	74.00	-26.73	Peak	

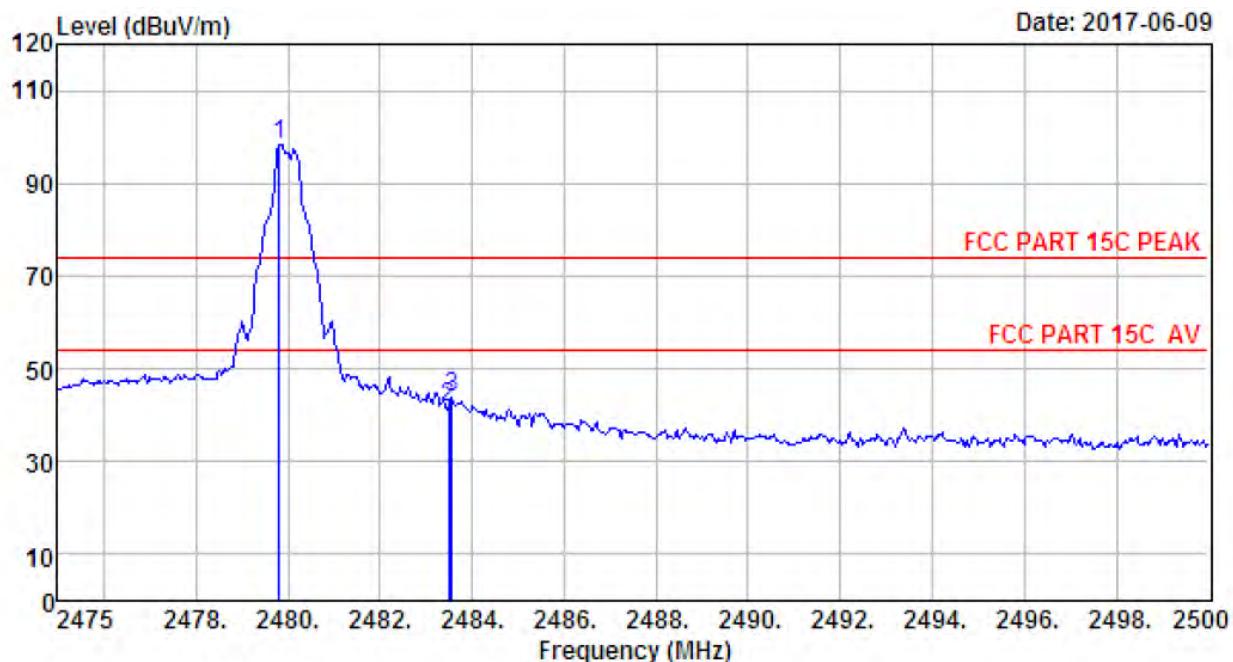
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 377  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : GFSK TX 2480MHz (No Hopping)  
               Adapter :VSL1800220HU

Freq. (MHz)	Ant.	Cable	Amp	Emission			Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1 2479.80	27.58	6.71	35.11	101.54	100.72	74.00	-26.72	Peak
2 2483.50	27.58	6.71	35.11	47.39	46.57	74.00	27.43	Peak
3 2483.70	27.58	6.71	35.11	48.25	47.43	74.00	26.57	Peak

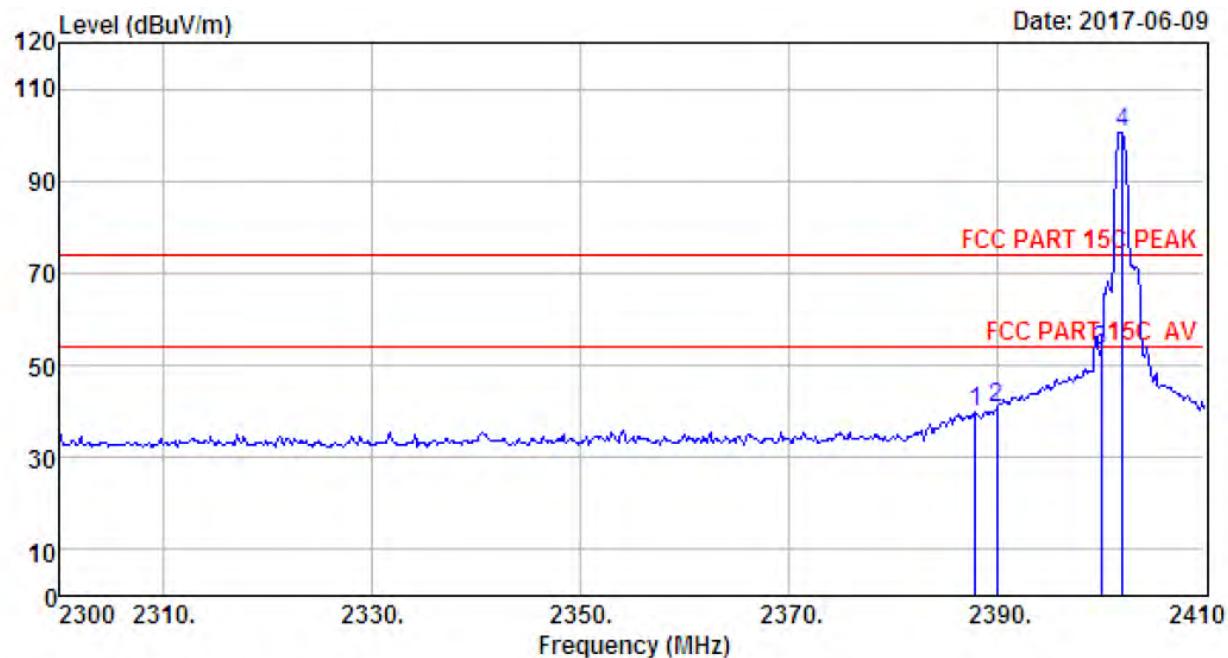
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 378  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : GFSK TX 2480MHz (No Hopping)  
               Adapter :VSL1800220HU

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	35.11	99.28	98.46	74.00	-24.46	Peak	
2 2483.50	27.58	6.71	35.11	42.60	41.78	74.00	32.22	Peak	
3 2483.55	27.58	6.71	35.11	44.45	43.63	74.00	30.37	Peak	

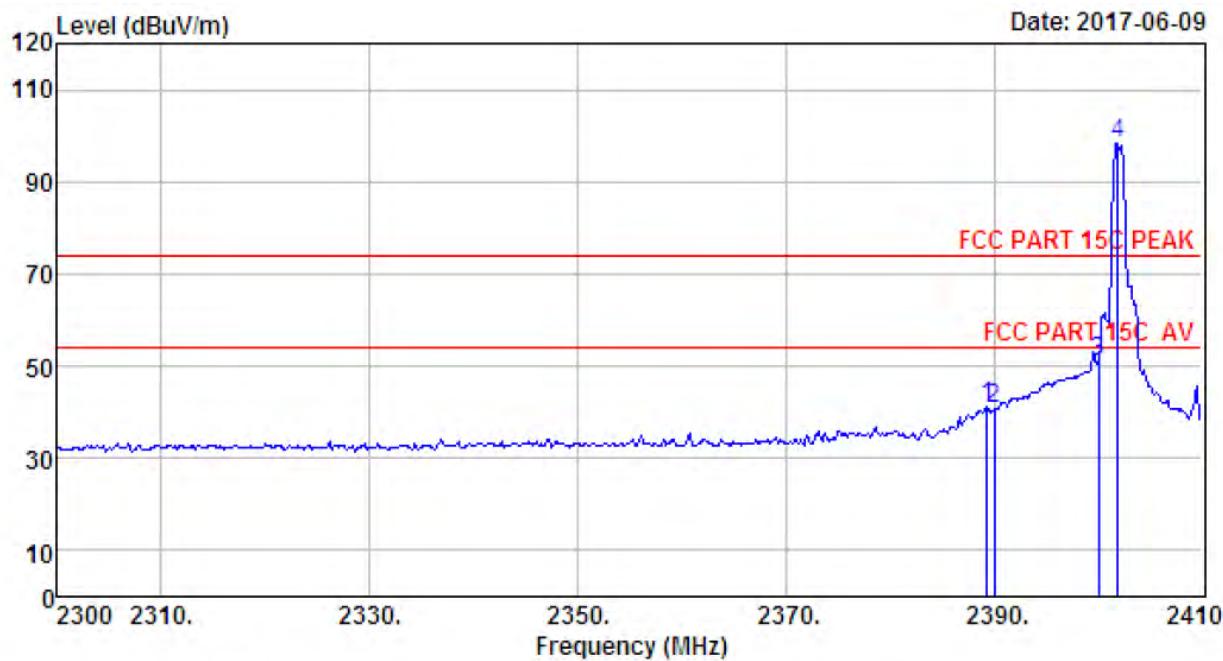
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 381  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : 8-DPSK TX 2402MHz (No Hopping)  
               Adapter :VSL1800220HU

		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	2388.00	27.64	6.62	34.62	40.03	39.67	74.00	34.33	Peak
2	2390.00	27.64	6.62	34.62	41.21	40.85	74.00	33.15	Peak
3	2400.00	27.61	6.62	34.64	53.43	53.02	74.00	20.98	Peak
4	2402.08	27.61	6.62	34.64	101.09	100.68	74.00	-26.68	Peak

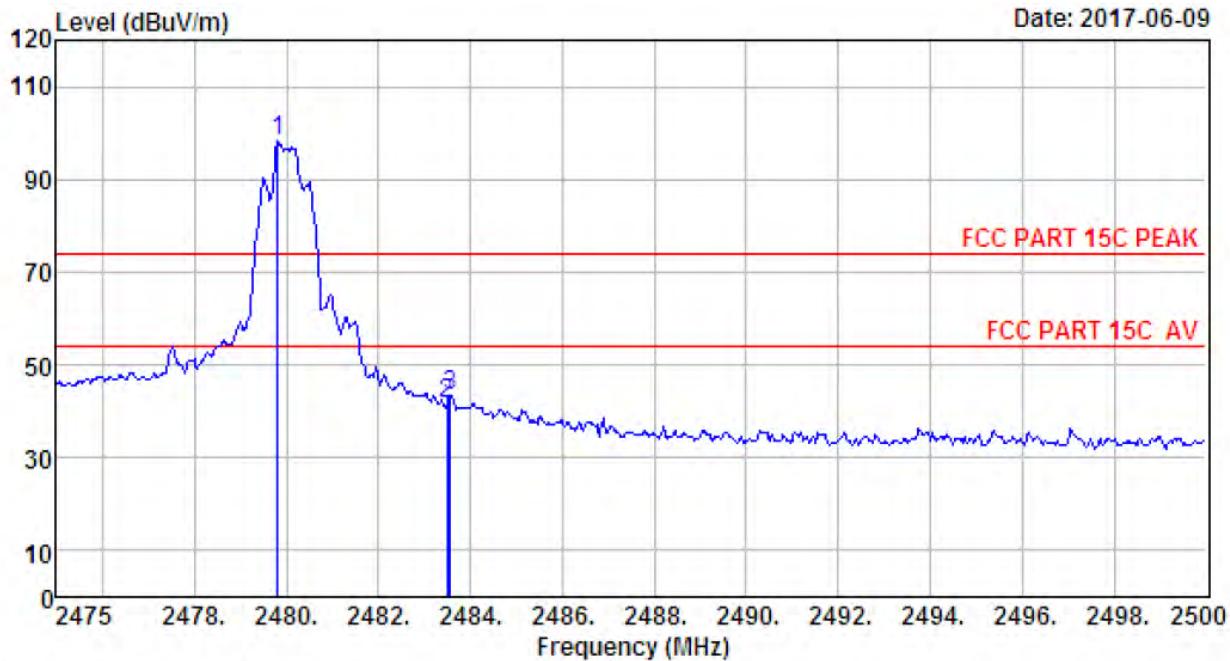
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 382  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : 8-DPSK TX 2402MHz (No Hopping)  
 Adapter :VSL1800220HU

Freq. (MHz)	Ant.	Cable	Amp	Emission				Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2389.32	27.64	6.62	34.62	41.37	41.01	74.00	32.99	Peak	
2 2390.00	27.64	6.62	34.62	41.12	40.76	74.00	33.24	Peak	
3 2400.00	27.61	6.62	34.64	51.12	50.71	74.00	23.29	Peak	
4 2401.86	27.61	6.62	34.64	98.76	98.35	74.00	-24.35	Peak	

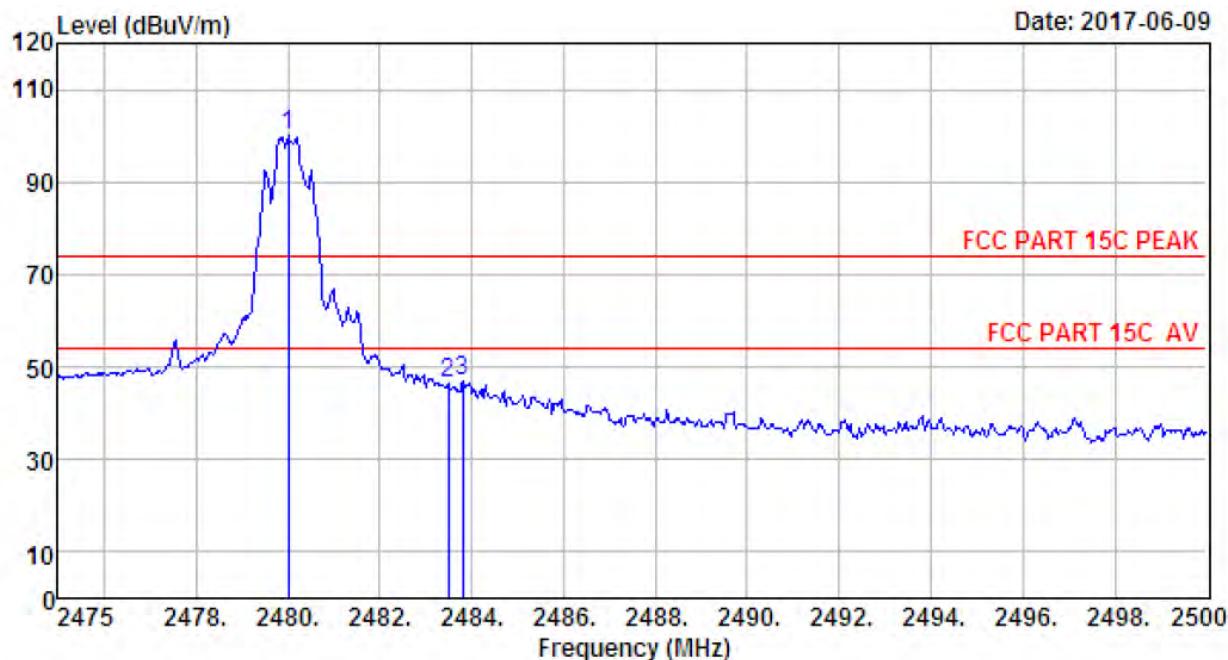
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 387  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : 8-DPSK TX 2480MHz (No Hopping)  
               Adapter :VSL1800220HU

Freq. (MHz)	Ant.	Cable	Amp	Emission				Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2479.80	27.58	6.71	35.11	99.05	98.23	74.00	-24.23	Peak	
2 2483.50	27.58	6.71	35.11	42.66	41.84	74.00	32.16	Peak	
3 2483.55	27.58	6.71	35.11	44.39	43.57	74.00	30.43	Peak	

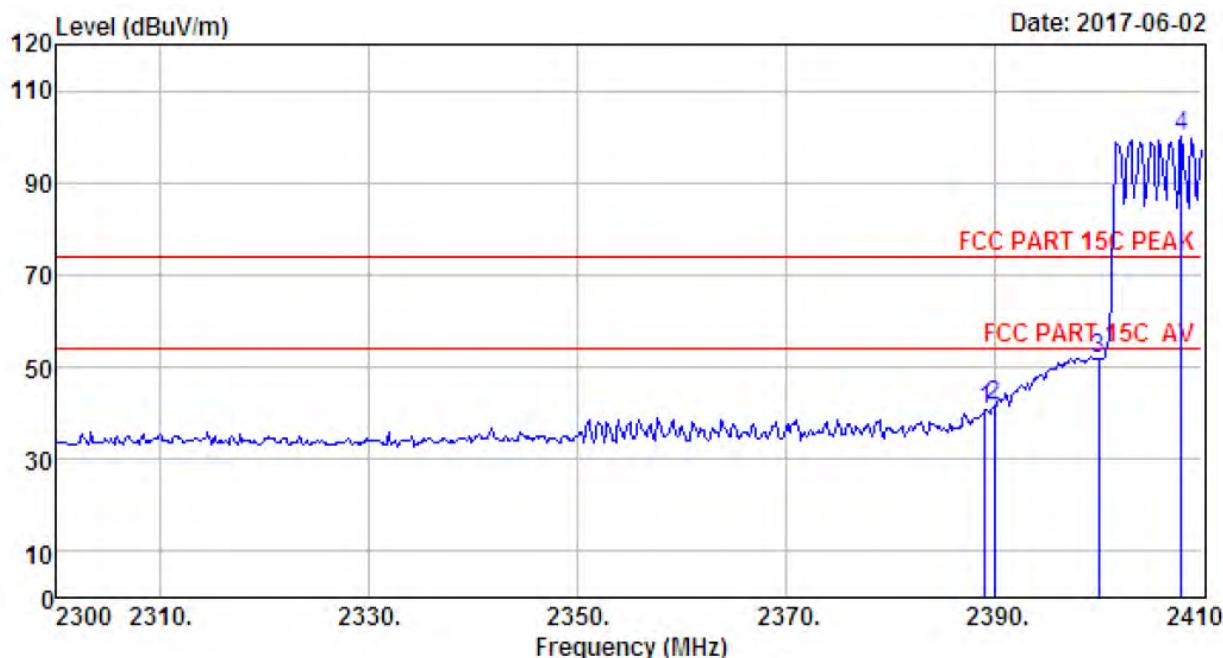
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 388  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : 8-DPSK TX 2480MHz (No Hopping)  
               Adapter :VSL1800220HU

Freq. (MHz)	Ant.	Cable	Amp	Emission			Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1 2480.00	27.58	6.71	35.11	100.68	99.86	74.00	-25.86	Peak
2 2483.50	27.58	6.71	35.11	47.26	46.44	74.00	27.56	Peak
3 2483.80	27.58	6.71	35.11	47.78	46.96	74.00	27.04	Peak

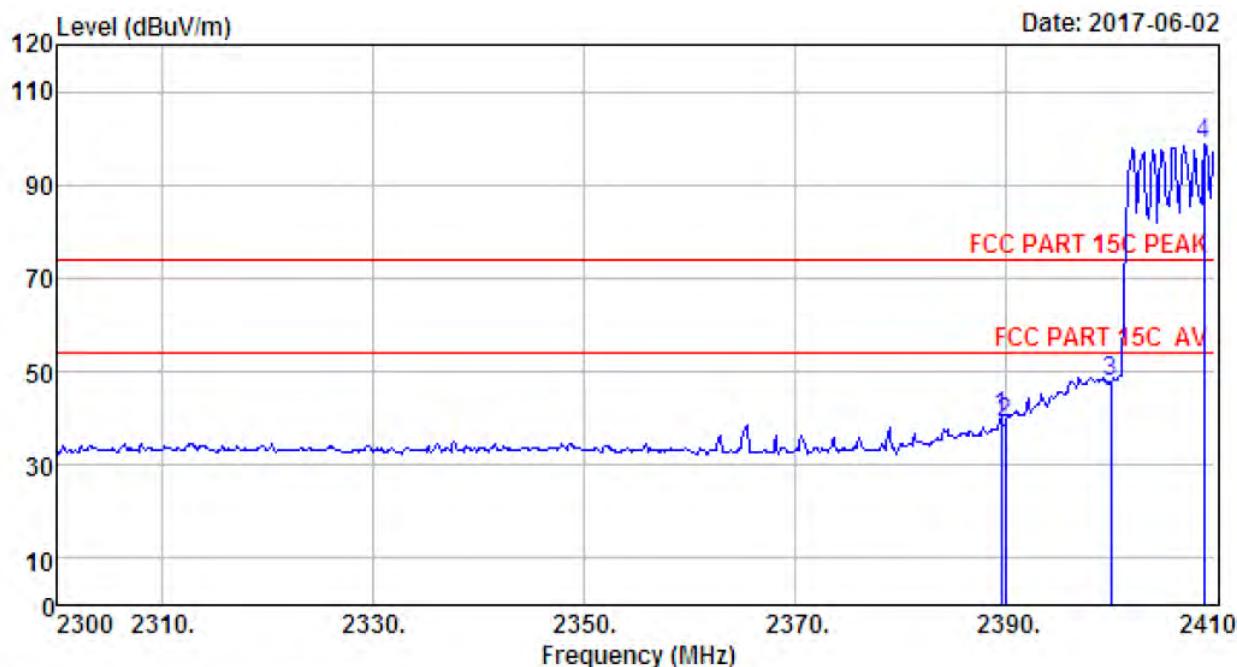
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : site Data no. : 289  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : GFSK TX 2402MHz (Hopping On)  
 Adapter :DYS40-180220W-1

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 2389.10	27.64	6.62	34.62	41.15	40.79	74.00	33.21	Peak	
2 2390.00	27.64	6.62	34.62	42.06	41.70	74.00	32.30	Peak	
3 2400.00	27.61	6.62	34.64	52.35	51.94	74.00	22.06	Peak	
4 2408.02	27.61	6.64	34.64	100.39	100.00	74.00	-26.00	Peak	

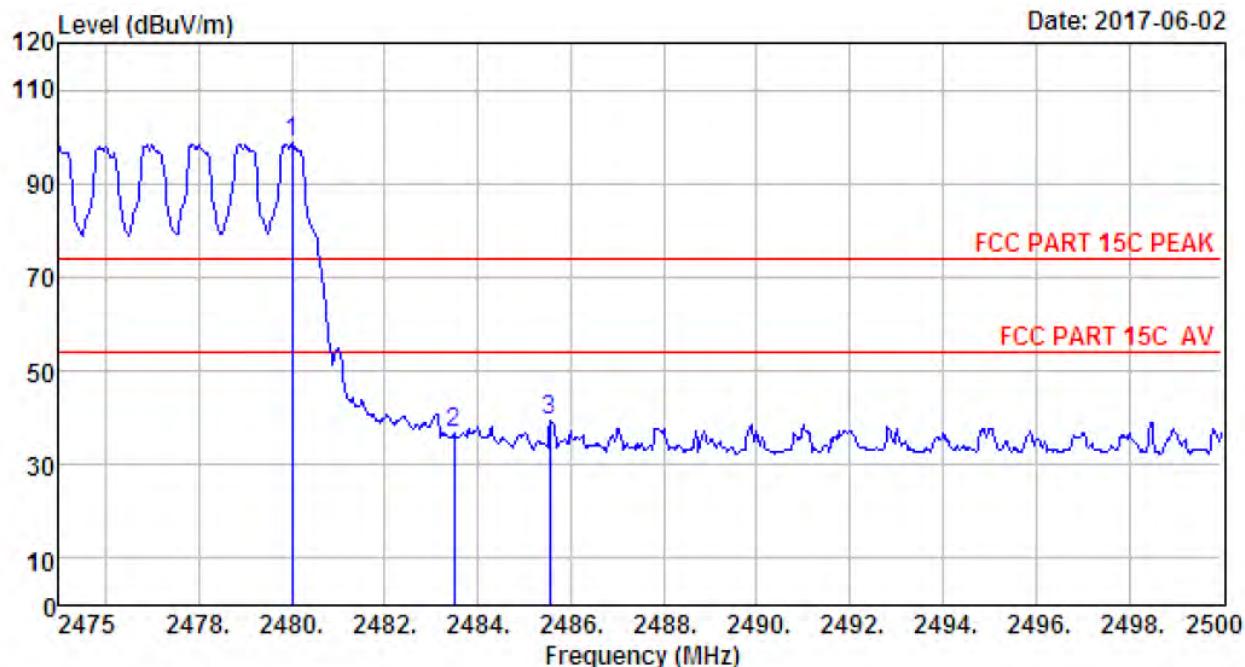
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 290  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : GFSK TX 2402MHz (Hopping On)  
 Adapter :DYS40-180220W-1

Freq. (MHz)	Ant.	Cable	Amp	Emission				Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2389.65	27.64	6.62	34.62	40.55	40.19	74.00	33.81	Peak	
2 2390.00	27.64	6.62	34.62	39.22	38.86	74.00	35.14	Peak	
3 2400.00	27.61	6.62	34.64	48.04	47.63	74.00	26.37	Peak	
4 2408.90	27.60	6.64	34.64	98.99	98.59	74.00	-24.59	Peak	

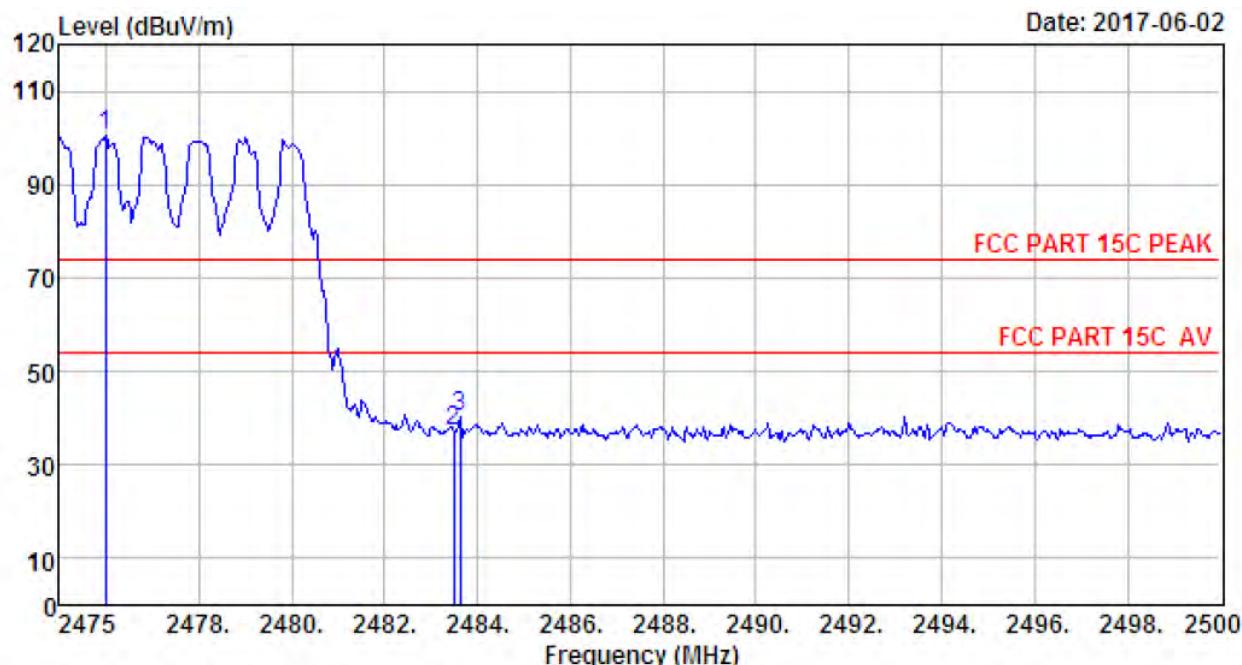
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 291  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : GFSK TX 2480MHz (Hopping On)  
 Adapter :DYS40-180220W-1

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	35.11	99.38	98.56	74.00	-24.56		Peak
2 2483.50	27.58	6.71	35.11	37.67	36.85	74.00	37.15		Peak
3 2485.55	27.58	6.71	35.11	40.29	39.47	74.00	34.53		Peak

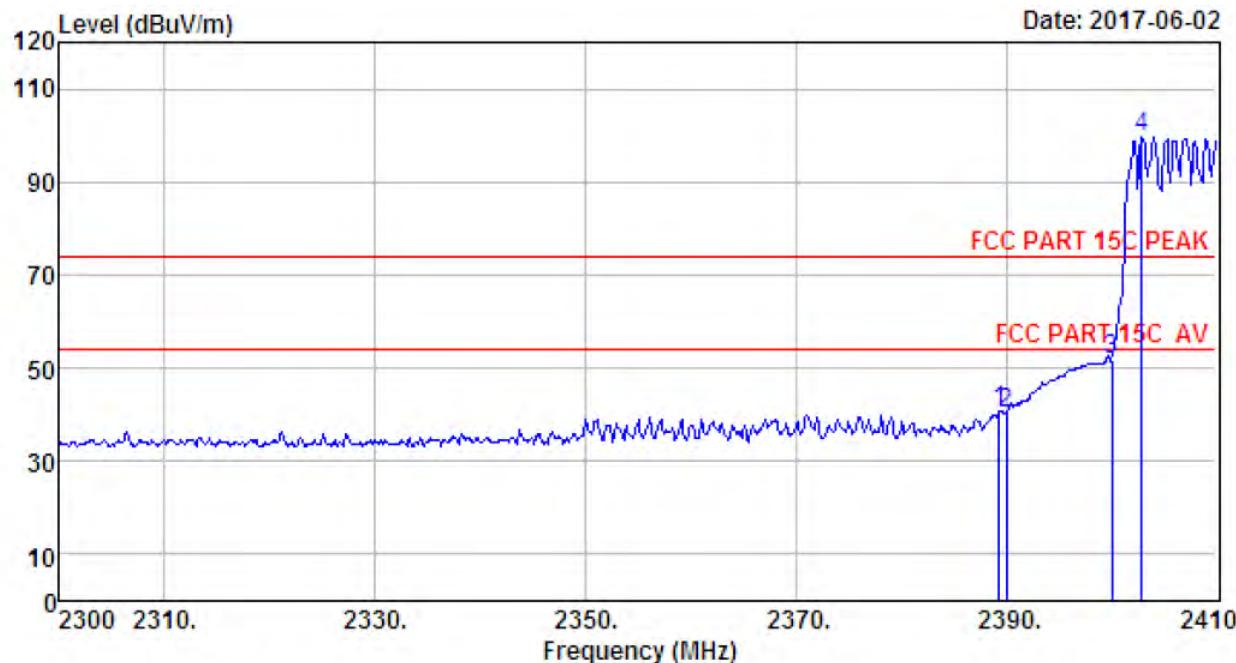
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 292  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : GFSK TX 2480MHz (Hopping On)  
 Adapter :DYS40-180220W-1

Freq. (MHz)	Ant.	Cable	Amp	Emission				Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2476.00	27.58	6.71	35.11	101.12	100.30	74.00	-26.30	Peak	
2 2483.50	27.58	6.71	35.11	37.99	37.17	74.00	36.83	Peak	
3 2483.63	27.58	6.71	35.11	40.92	40.10	74.00	33.90	Peak	

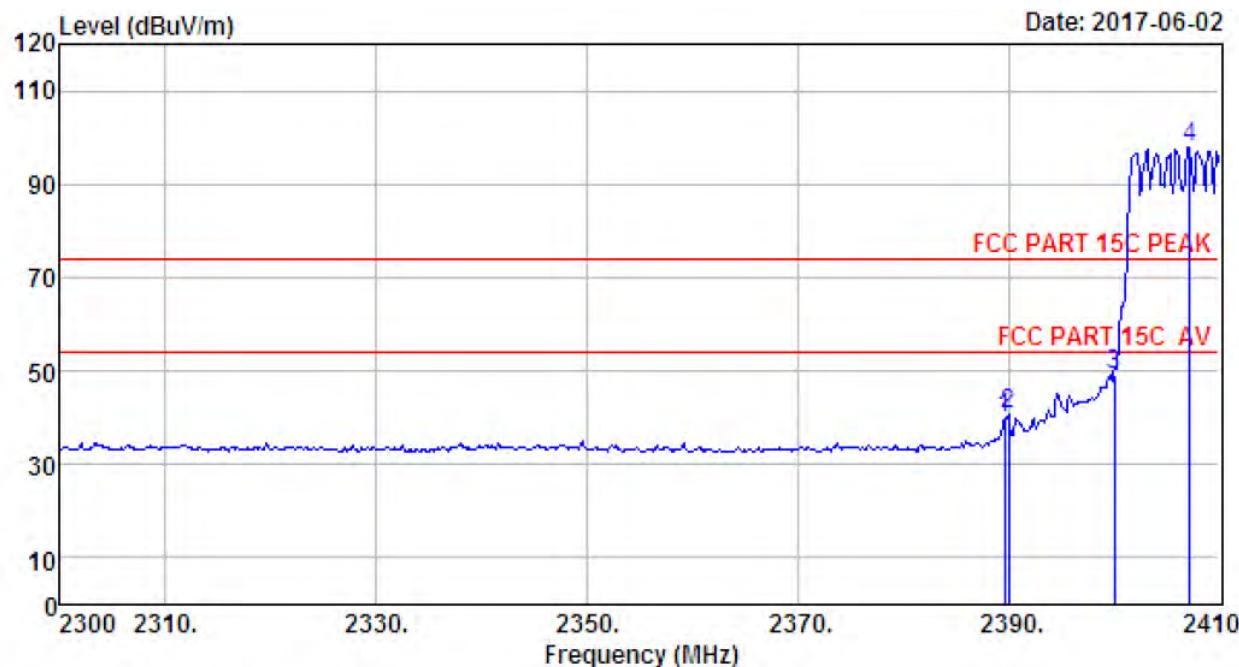
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 293  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : 8-DPSK TX 2402MHz (Hopping On)  
 Adapter :DYS40-180220W-1

Freq. (MHz)	Ant.	Cable	Amp	Emission				Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2389.32	27.64	6.62	34.62	41.14	40.78	74.00	33.22	Peak	
2 2390.00	27.64	6.62	34.62	40.65	40.29	74.00	33.71	Peak	
3 2400.00	27.61	6.62	34.64	52.33	51.92	74.00	22.08	Peak	
4 2402.85	27.61	6.64	34.64	99.91	99.52	74.00	-25.52	Peak	

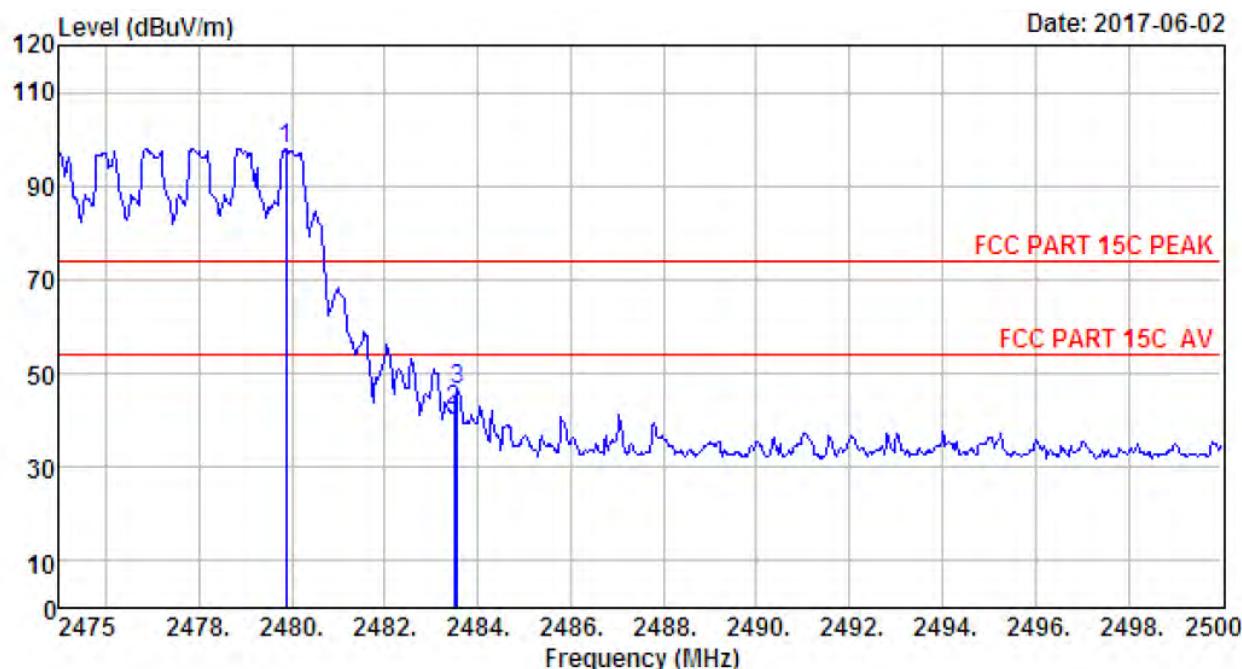
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 294  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : 8-DPSK TX 2402MHz (Hopping On)  
               Adapter :DYS40-180220W-1

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 2389.65	27.64	6.62	34.62	40.41	40.05	74.00	33.95	Peak	
2 2390.00	27.64	6.62	34.62	40.97	40.61	74.00	33.39	Peak	
3 2400.00	27.61	6.62	34.64	49.37	48.96	74.00	25.04	Peak	
4 2407.25	27.61	6.64	34.64	98.20	97.81	74.00	-23.81	Peak	

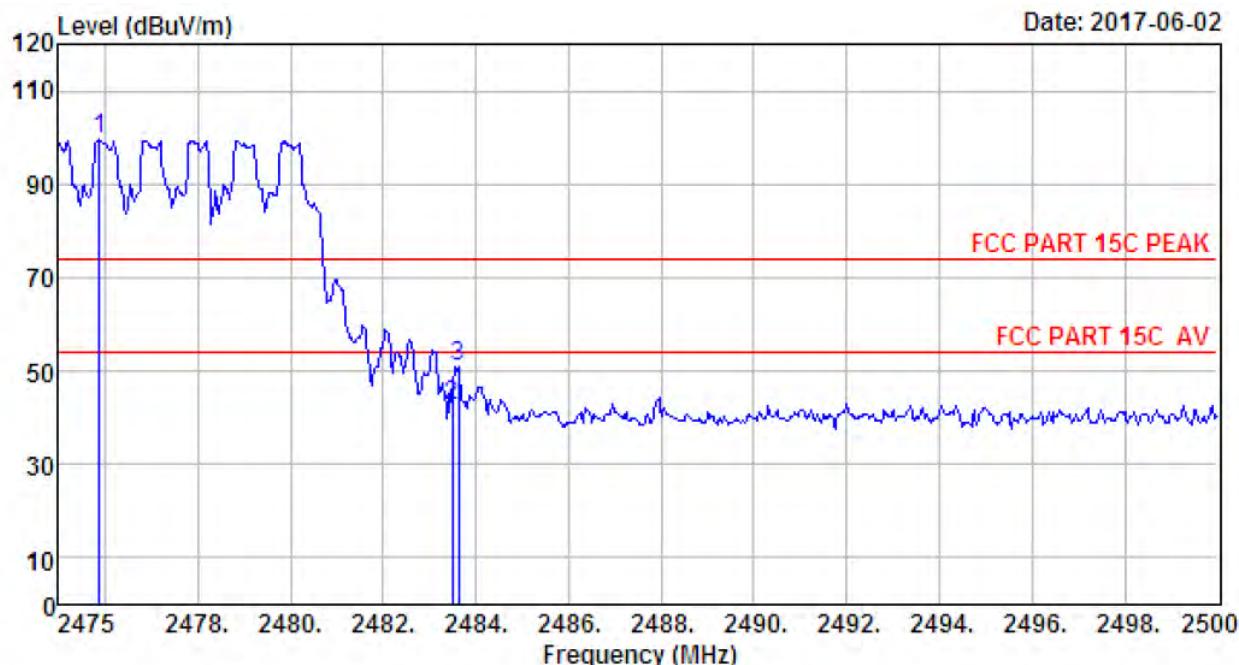
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 295  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : 8-DPSK TX 2480MHz (Hopping On)  
 Adapter :DYS40-180220W-1

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 2479.88	27.58	6.71	35.11	98.90	98.08	74.00	-24.08	Peak	
2 2483.50	27.58	6.71	35.11	43.01	42.19	74.00	31.81	Peak	
3 2483.55	27.58	6.71	35.11	47.48	46.66	74.00	27.34	Peak	

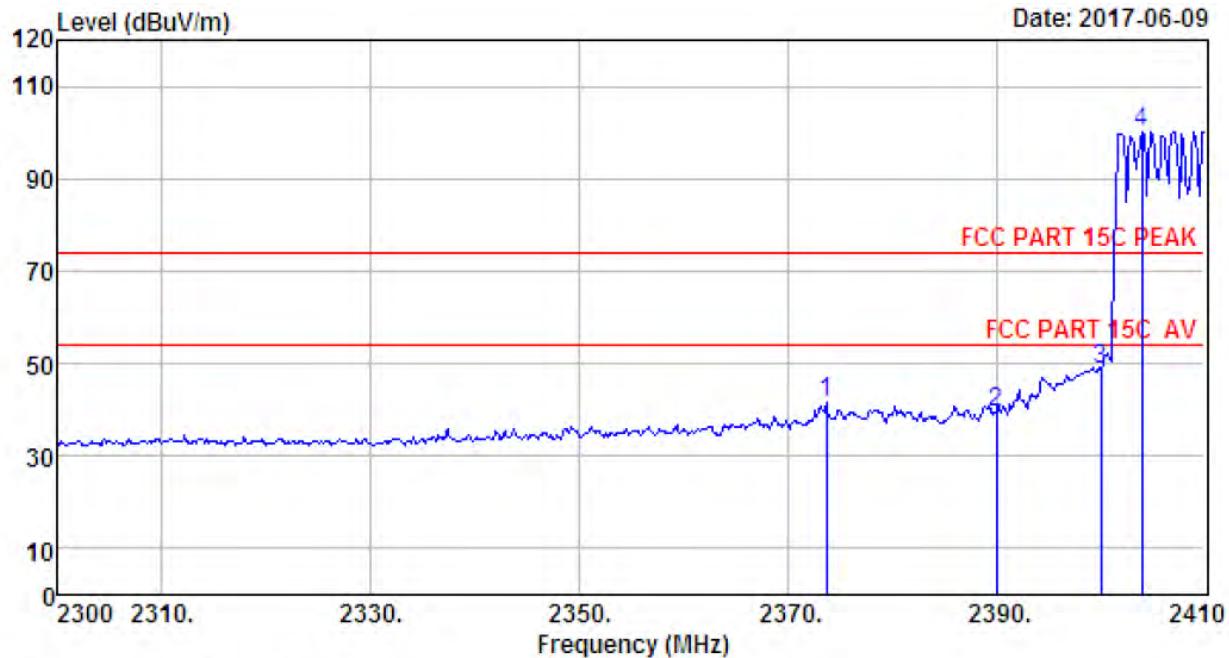
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 296  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : 8-DPSK TX 2480MHz (Hopping On)  
 Adapter :DYS40-180220W-1

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 2475.88	27.58	6.71	35.11	100.26	99.44	74.00	-25.44		Peak
2 2483.50	27.58	6.71	35.11	43.54	42.72	74.00	31.28		Peak
3 2483.63	27.58	6.71	35.11	51.80	50.98	74.00	23.02		Peak

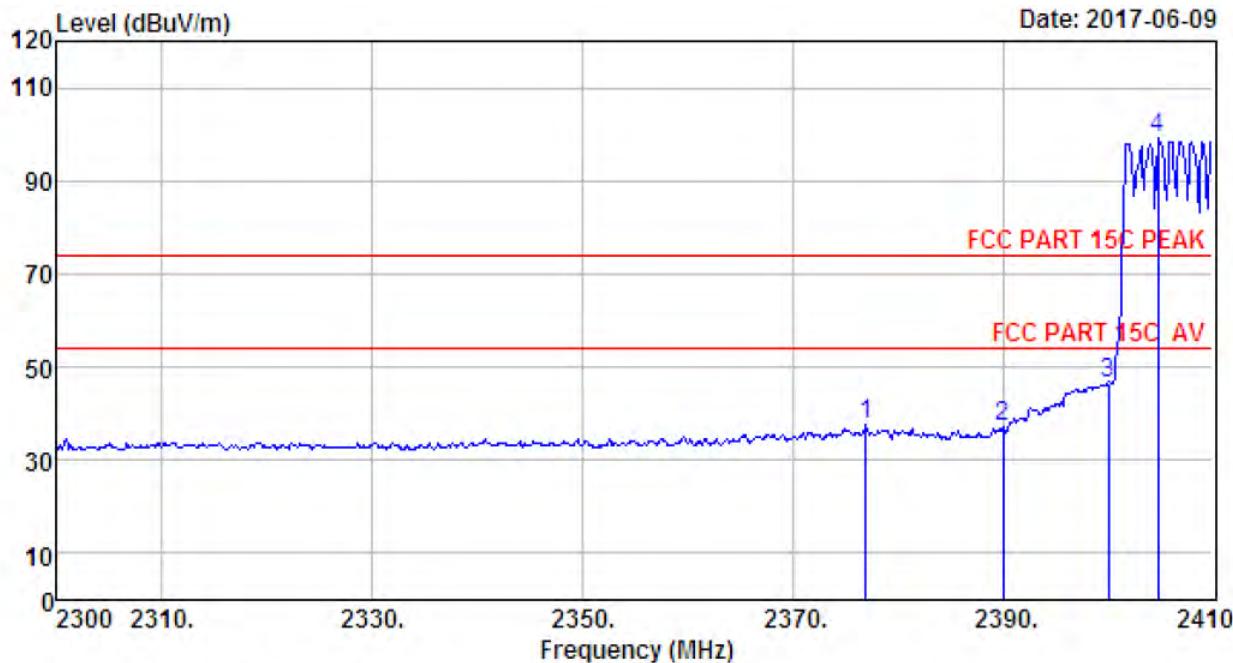
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 361  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : GFSK TX 2402MHz (Hopping On)  
 Adapter :VSL1800220HU

Freq. (MHz)	Ant.	Cable	Amp	Emission				Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2373.70	27.67	6.60	34.59	41.83	41.51	74.00	32.49	Peak	
2 2390.00	27.64	6.62	34.62	39.98	39.62	74.00	34.38	Peak	
3 2400.00	27.61	6.62	34.64	49.31	48.90	74.00	25.10	Peak	
4 2403.95	27.61	6.64	34.64	100.68	100.29	74.00	-26.29	Peak	

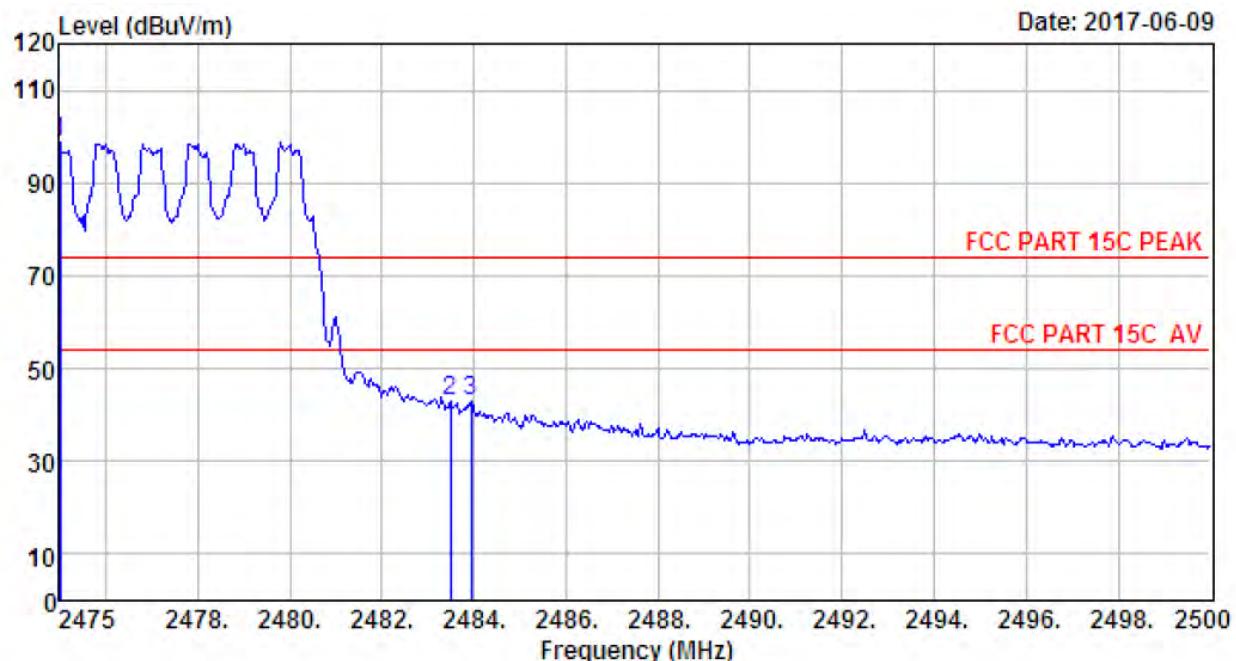
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 362  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : GFSK TX 2402MHz (Hopping On)  
 Adapter :VSL1800220HU

Freq. (MHz)	Ant.	Cable	Amp	Emission				Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2377.00	27.64	6.60	34.59	37.97	37.62	74.00	36.38	Peak	
2 2390.00	27.64	6.62	34.62	37.57	37.21	74.00	36.79	Peak	
3 2400.00	27.61	6.62	34.64	46.91	46.50	74.00	27.50	Peak	
4 2404.72	27.61	6.64	34.64	99.38	98.99	74.00	-24.99	Peak	

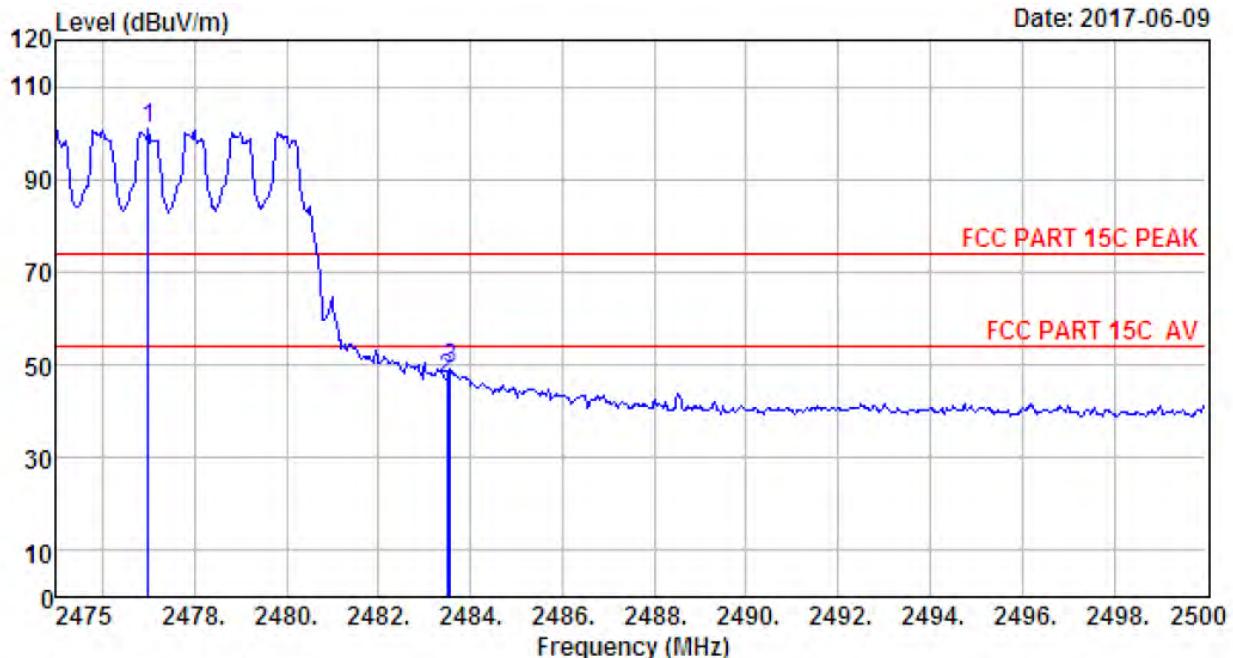
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 363  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : GFSK TX 2480MHz (Hopping On)  
               Adapter :VSL1800220HU

	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	2475.00	27.58	6.71	35.11	99.48	98.66	74.00	-24.66	Peak
2	2483.50	27.58	6.71	35.11	43.78	42.96	74.00	31.04	Peak
3	2483.95	27.58	6.71	35.11	43.66	42.84	74.00	31.16	Peak

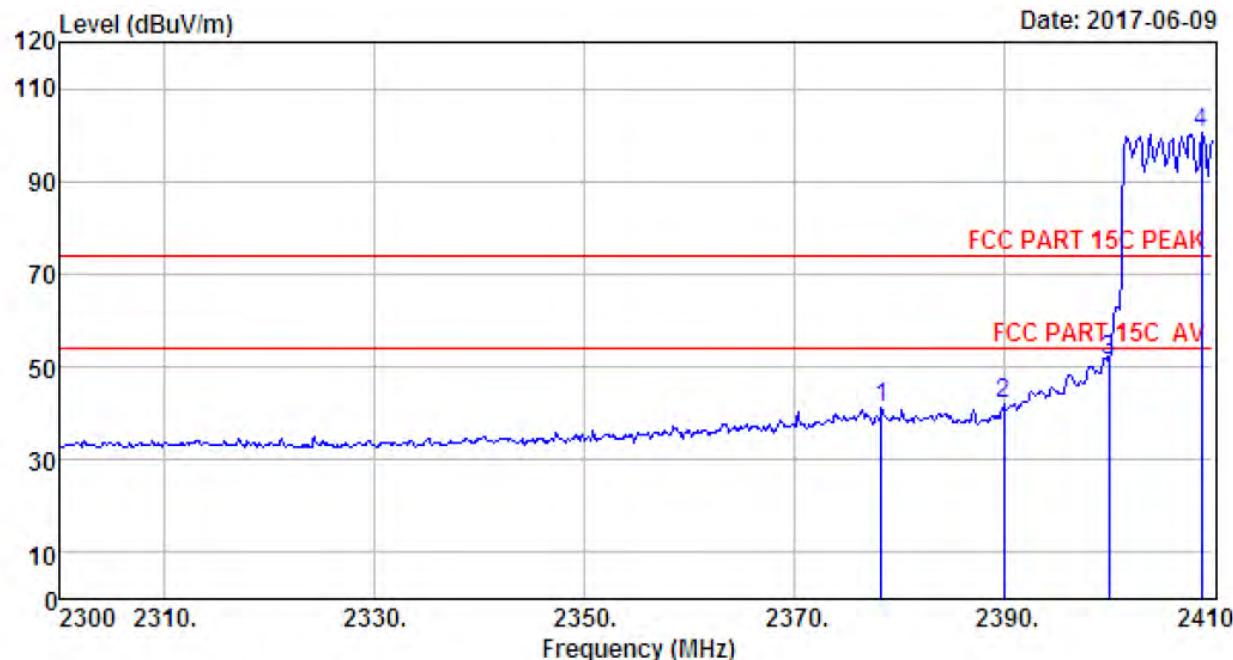
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 364  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : GFSK TX 2480MHz (Hopping On)  
               Adapter :VSL1800220HU

Freq. (MHz)	Ant.	Cable	Amp	Emission			Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1 2477.00	27.58	6.71	35.11	101.62	100.80	74.00	-26.80	Peak
2 2483.50	27.58	6.71	35.11	47.91	47.09	74.00	26.91	Peak
3 2483.55	27.58	6.71	35.11	49.76	48.94	74.00	25.06	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.

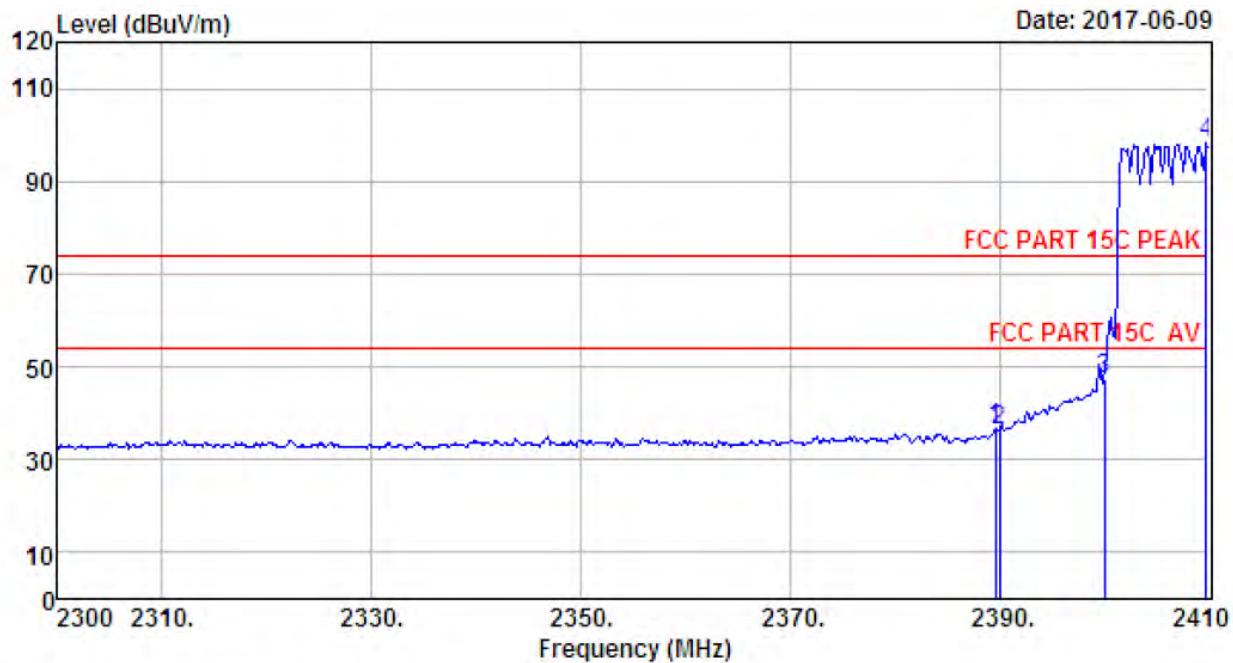


Site no. : 1# 966 Chamber Data no. : 365  
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : Temp:23.6';Humi:56%;Press:101.52kPa  
 Engineer : Tony  
 EUT : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : 8-DPSK TX 2402MHz (Hopping On)  
               Adapter :VSL1800220HU

	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	2378.32	27.64	6.60	34.59	41.58	41.23	74.00	32.77	Peak
2	2390.00	27.64	6.62	34.62	42.26	41.90	74.00	32.10	Peak
3	2400.00	27.61	6.62	34.64	51.90	51.49	74.00	22.51	Peak
4	2408.90	27.60	6.64	34.64	100.73	100.33	74.00	-26.33	Peak

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

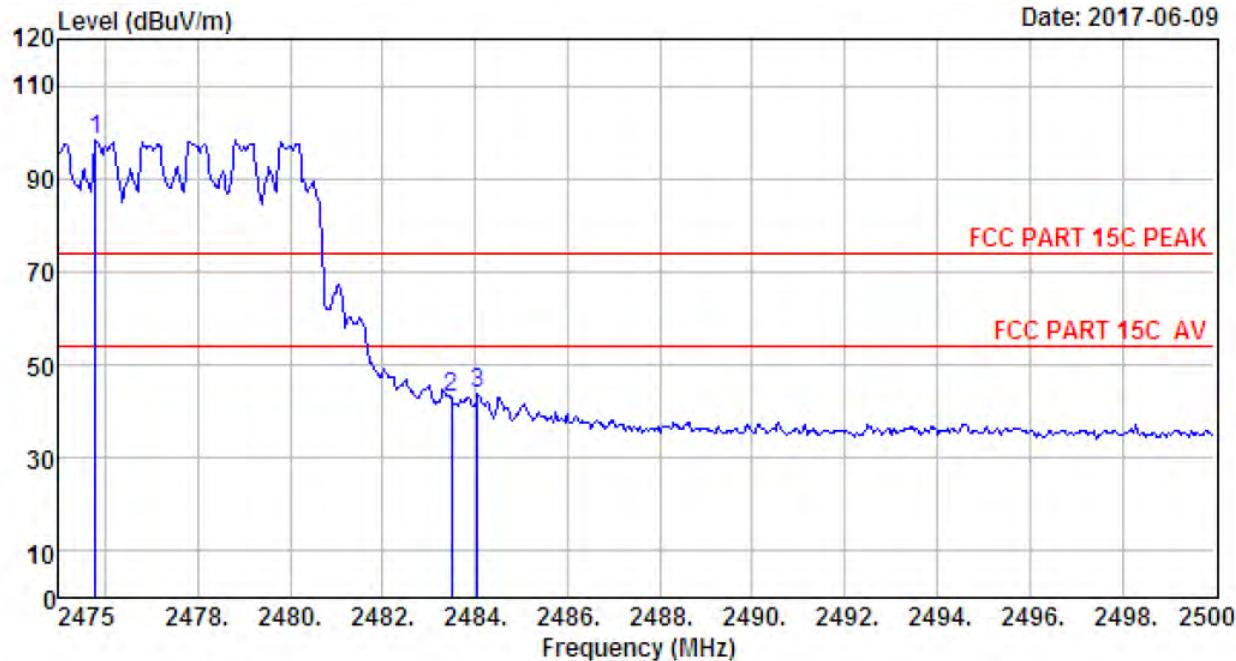
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 366  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : 8-DPSK TX 2402MHz (Hopping On)  
               Adapter :VSL1800220HU

Freq. (MHz)	Ant.	Cable	Amp	Emission				Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)			
1 2389.65	27.64	6.62	34.62	37.14	36.78	74.00	37.22	Peak	
2 2390.00	27.64	6.62	34.62	36.76	36.40	74.00	37.60	Peak	
3 2400.00	27.61	6.62	34.64	48.01	47.60	74.00	26.40	Peak	
4 2409.78	27.60	6.64	34.64	98.58	98.18	74.00	-24.18	Peak	

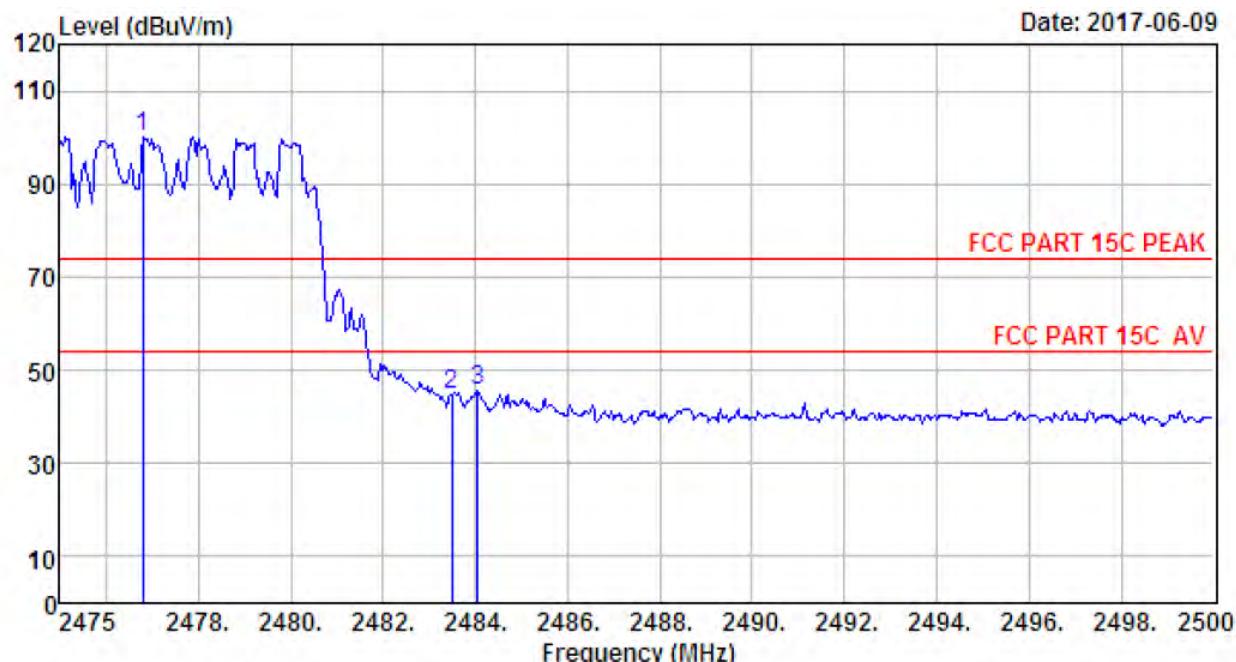
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 1# 966 Chamber Data no. : 367  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : 8-DPSK TX 2480MHz (Hopping On)  
               Adapter :VSL1800220HU

Freq. (MHz)	Ant.	Cable	Amp	Emission			Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1 2475.80	27.58	6.71	35.11	99.00	98.18	74.00	-24.18	Peak
2 2483.50	27.58	6.71	35.11	43.68	42.86	74.00	31.14	Peak
3 2484.05	27.58	6.71	35.11	44.57	43.75	74.00	30.25	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. : 368  
 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 : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : 8-DPSK TX 2480MHz (Hopping On)  
               Adapter :VSL1800220HU

Freq. (MHz)	Ant.	Cable	Amp	Emission			Margin (dB)	Remark
	Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1 2476.80	27.58	6.71	35.11	100.84	100.02	74.00	-26.02	Peak
2 2483.50	27.58	6.71	35.11	45.44	44.62	74.00	29.38	Peak
3 2484.05	27.58	6.71	35.11	46.41	45.59	74.00	28.41	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 EMISSIONS

### 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, 80 cm above the ground plane. The EUT was charged from Adapter which connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). Both sides of 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.

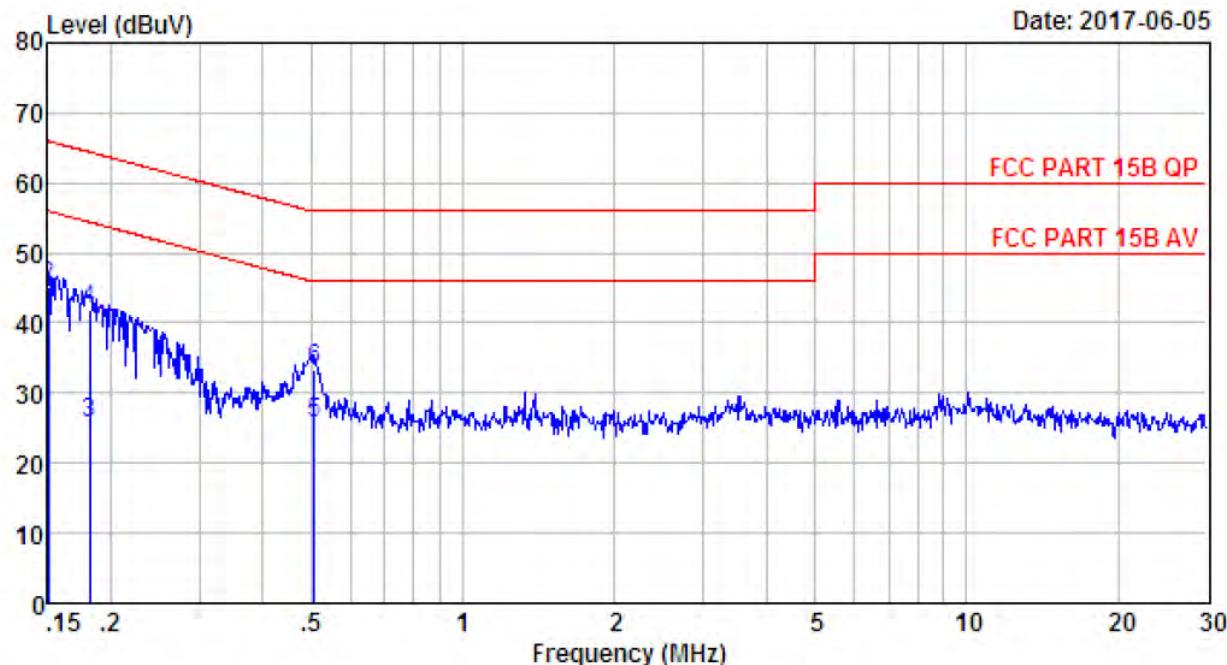
The bandwidth of test receiver (R & S ESHS30) is set at 10kHz.

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

### 10.3. Test Result

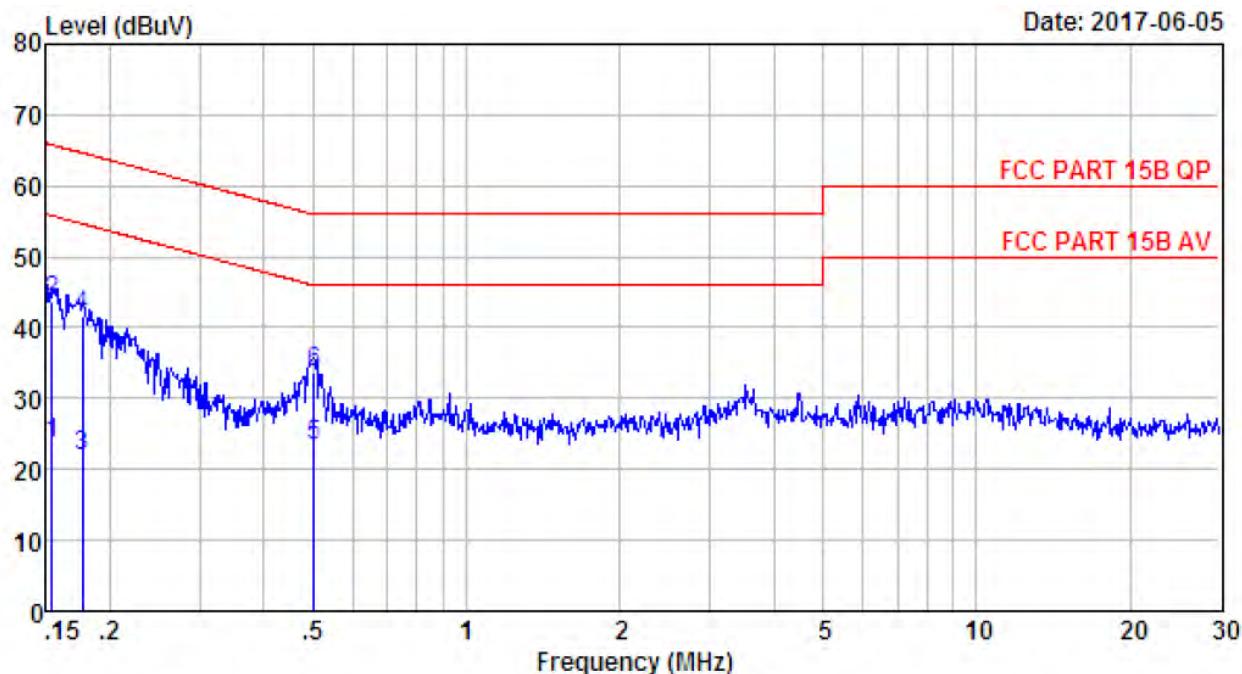
**PASS.** (All emissions not reported below are too low against the prescribed limits.)

## 10.4. Test data



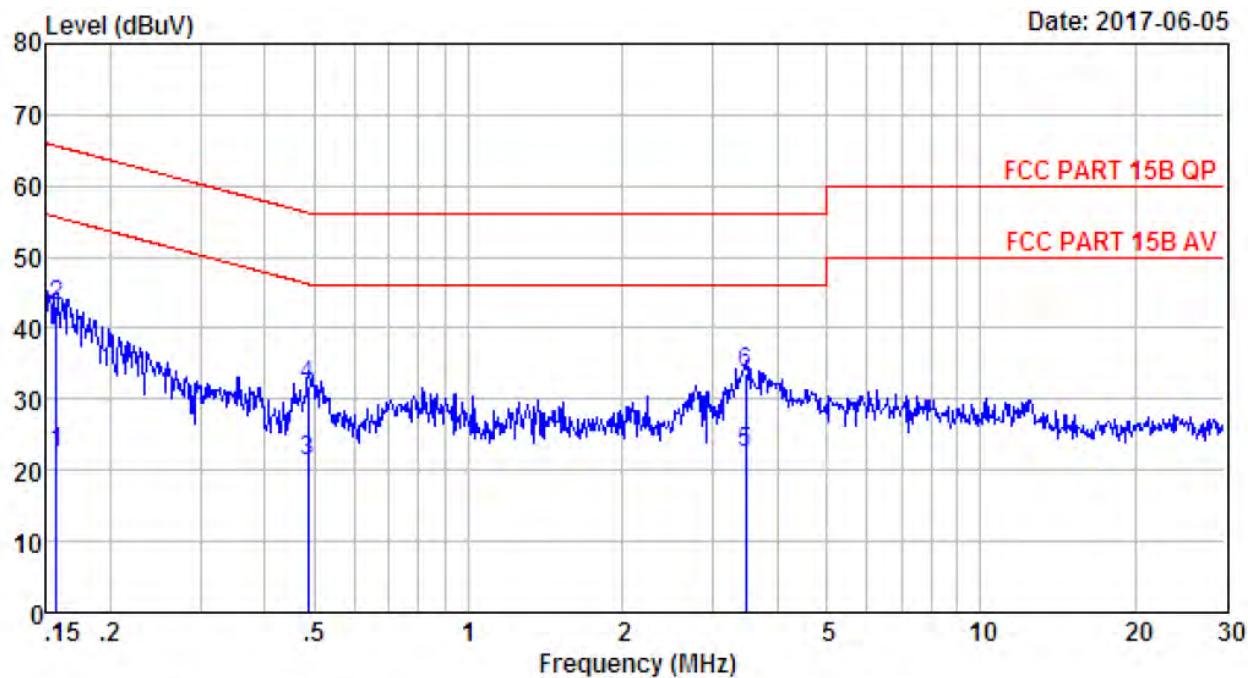
Site no : 844 Shield Room Data no. : 971  
 Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL  
 Limit : FCC PART 15B QP  
 Engineer : Tony  
 EUT : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : TX Mode  
 Adapter :DYS40-180220W-1

Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Emission Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1 0.15	9.46	9.81	7.13	26.40	56.00	29.60	Average
2 0.15	9.46	9.81	25.84	45.11	66.00	20.89	QP
3 0.18	9.55	9.80	6.37	25.72	54.42	28.70	Average
4 0.18	9.55	9.80	22.62	41.97	64.42	22.45	QP
5 0.51	9.59	9.81	6.42	25.82	46.00	20.18	Average
6 0.51	9.59	9.81	14.01	33.41	56.00	22.59	QP



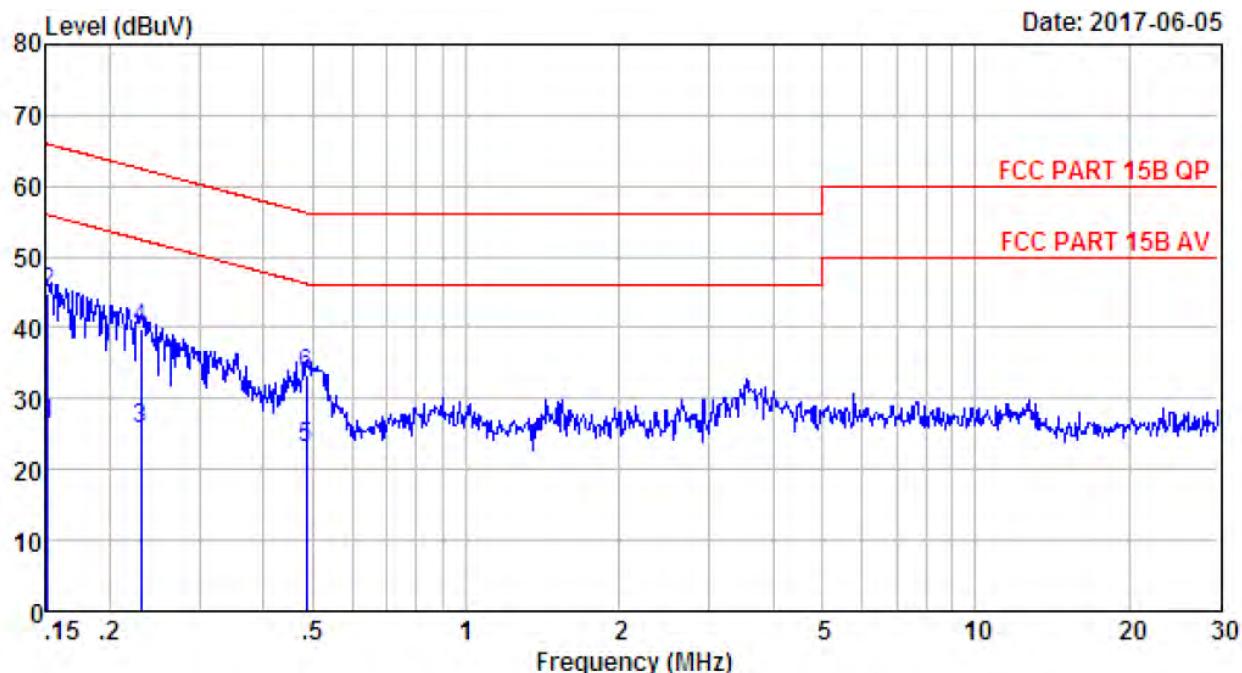
Site no : 844 Shield Room Data no. : 973  
 Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa LINE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Tony  
 EUT : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : TX Mode  
 Adapter :DYS40-180220W-1

Freq. (MHz)	LISN	Cable	Emission			Margin (dB)	Remark
	Factor (dB)	Loss (dB)	Reading (dBuV)	Level (dBuV)	Limits (dBuV)		
1 0.15	9.61	9.81	4.13	23.55	55.78	32.23	Average
2 0.15	9.61	9.81	24.17	43.59	65.78	22.19	QP
3 0.18	9.61	9.80	2.57	21.98	54.64	32.66	Average
4 0.18	9.61	9.80	22.14	41.55	64.64	23.09	QP
5 0.50	9.61	9.81	3.82	23.24	46.00	22.76	Average
6 0.50	9.61	9.81	14.25	33.67	56.00	22.33	QP



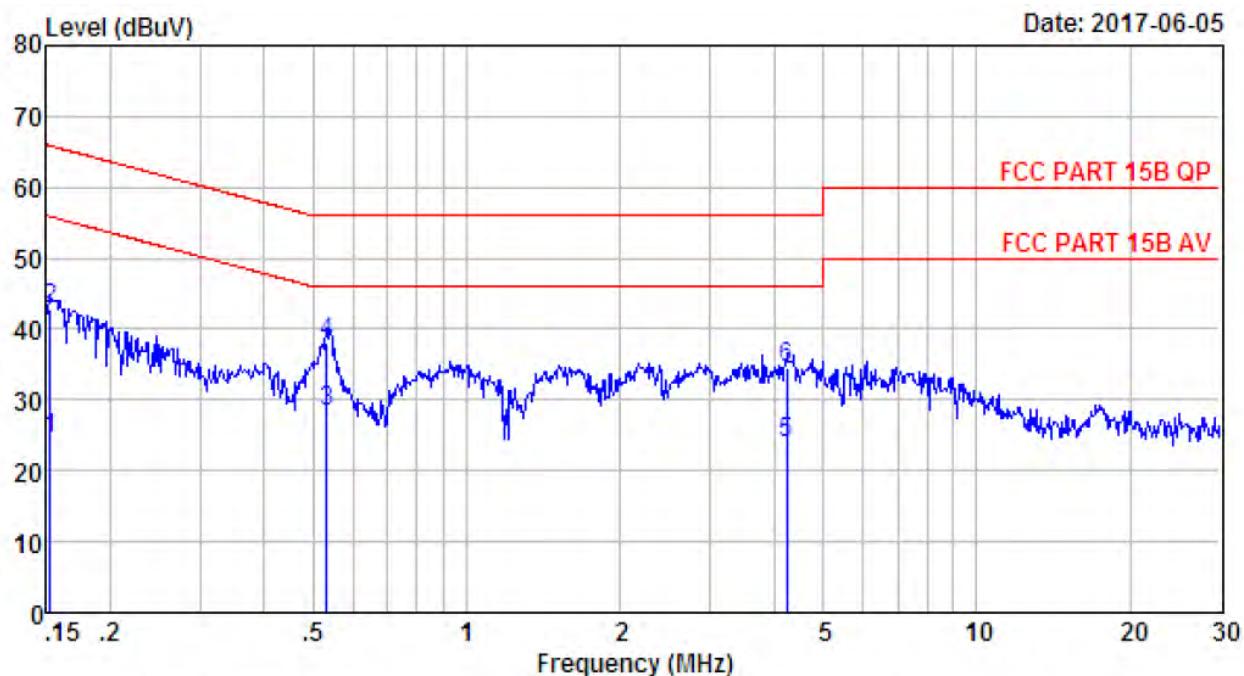
Site no : 844 Shield Room Data no. : 975  
 Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa LINE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Tony  
 EUT : SOUND BAR  
 Power : DC 18V From Adapter Input AC 240V/60Hz  
 M/N : TT-SK017  
 Test Mode : TX Mode  
 Adapter :DYS40-180220W-1

Freq. (MHz)	LISN	Cable	Emission			Margin (dB)	Remark
	Factor (dB)	Loss (dB)	Reading (dBuV)	Level (dBuV)	Limits (dBuV)		
1 0.16	9.61	9.81	3.13	22.55	55.65	33.10	Average
2 0.16	9.61	9.81	23.55	42.97	65.65	22.68	QP
3 0.49	9.61	9.81	1.77	21.19	46.23	25.04	Average
4 0.49	9.61	9.81	12.46	31.88	56.23	24.35	QP
5 3.47	9.63	9.85	2.99	22.47	46.00	23.53	Average
6 3.47	9.63	9.85	14.06	33.54	56.00	22.46	QP



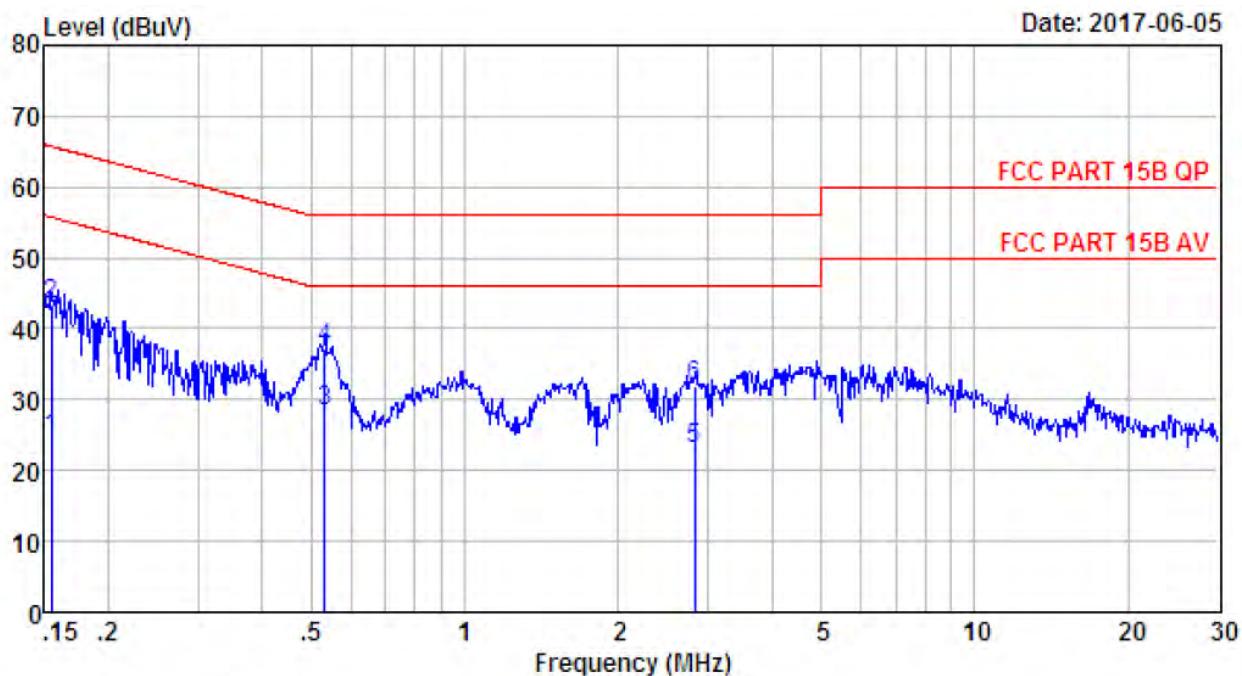
Site no : 844 Shield Room Data no. : 977  
 Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL  
 Limit : FCC PART 15B QP  
 Engineer : Tony  
 EUT : SOUND BAR  
 Power : DC 18V From Adapter Input AC 240V/60Hz  
 M/N : TT-SK017  
 Test Mode : TX Mode  
 Adapter :DYS40-180220W-1

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	7.13	26.40	55.96	29.56	Average
2 0.15	9.46	9.81	25.46	44.73	65.96	21.23	QP
3 0.23	9.60	9.80	6.16	25.56	52.44	26.88	Average
4 0.23	9.60	9.80	20.53	39.93	62.44	22.51	QP
5 0.49	9.59	9.81	3.74	23.14	46.23	23.09	Average
6 0.49	9.59	9.81	14.00	33.40	56.23	22.83	QP



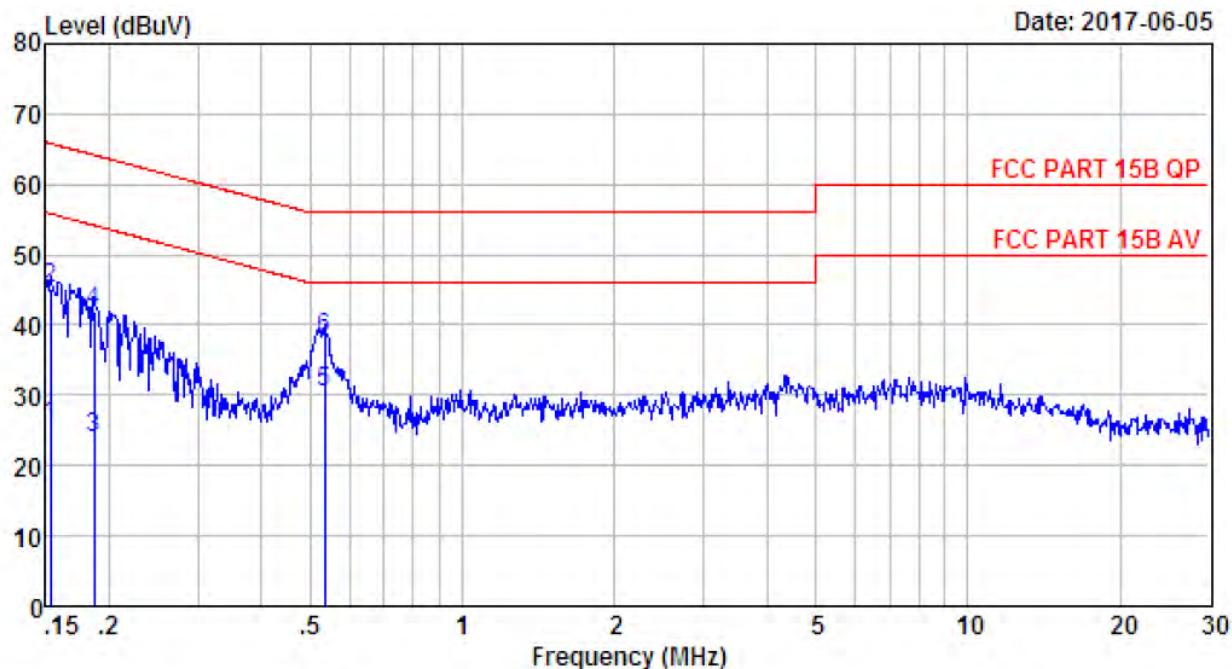
Site no : 844 Shield Room Data no. : 979  
 Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL  
 Limit : FCC PART 15B QP  
 Engineer : Tony  
 EUT : SOUND BAR  
 Power : DC 18V From Adapter Input AC 240V/60Hz  
 M/N : TT-SK017  
 Test Mode : TX Mode  
 Adapter :VSL1800220HU

	LISN	Cable	Emission				
Freq. (MHz)	Factor (dB)	Loss (dB)	Reading (dBuV)	Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1 0.15	9.47	9.81	5.33	24.61	55.87	31.26	Average
2 0.15	9.47	9.81	23.55	42.83	65.87	23.04	QP
3 0.53	9.60	9.81	8.84	28.25	46.00	17.75	Average
4 0.53	9.60	9.81	18.68	38.09	56.00	17.91	QP
5 4.25	9.64	9.85	4.40	23.89	46.00	22.11	Average
6 4.25	9.64	9.85	15.05	34.54	56.00	21.46	QP



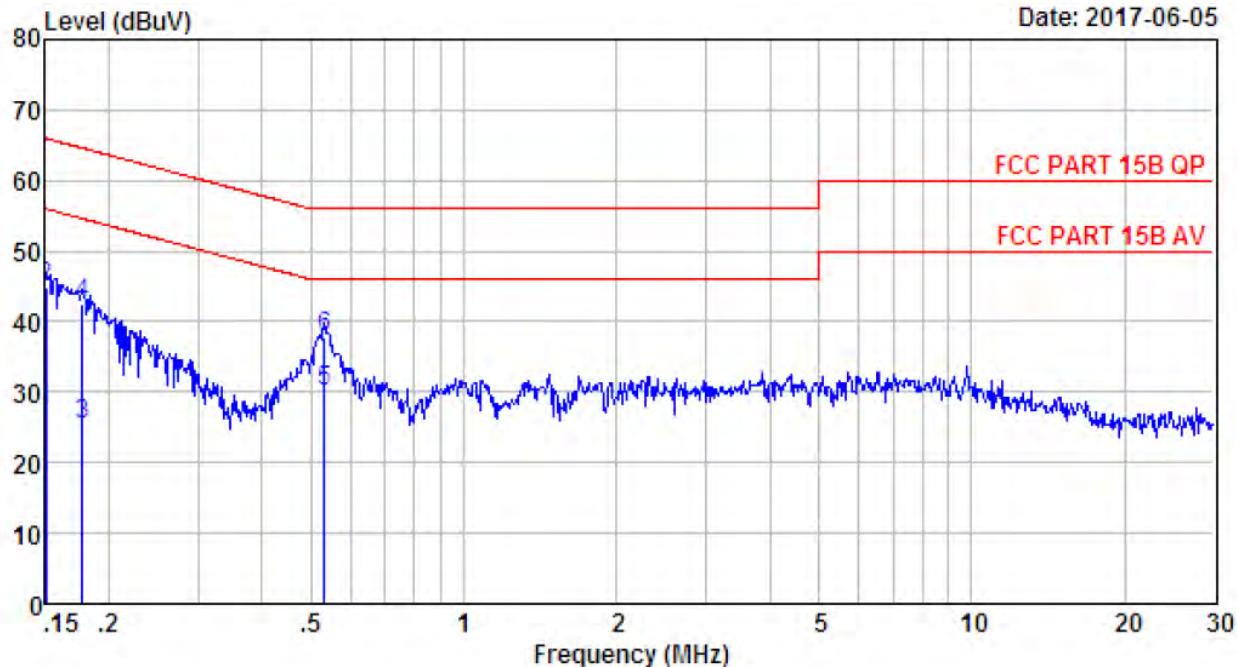
Site no : 844 Shield Room Data no. : 981  
 Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa LINE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Tony  
 EUT : SOUND BAR  
 Power : DC 18V From Adapter Input AC 240V/60Hz  
 M/N : IT-SK017  
 Test Mode : TX Mode  
 Adapter :VSL1800220HU

Freq. (MHz)	LISN Factor (dB)	Cable		Emission			Remark
		Loss (dB)	Reading (dBuV)	Level (dBuV)	Limits (dBuV)	Margin (dB)	
1	0.15	9.61	9.81	5.13	24.55	55.74	Average
2	0.15	9.61	9.81	23.85	43.27	65.74	QP
3	0.53	9.61	9.81	8.98	28.40	46.00	Average
4	0.53	9.61	9.81	17.85	37.27	56.00	QP
5	2.82	9.63	9.83	3.57	23.03	46.00	Average
6	2.82	9.63	9.83	12.52	31.98	56.00	QP



Site no : 844 Shield Room Data no. : 983  
 Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa LINE Phase : LINE  
 Limit : FCC PART 15B QP  
 Engineer : Tony  
 EUT : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : IT-SK017  
 Test Mode : TX Mode  
 Adapter :VSL1800220HU

	LISN	Cable	Emission				
Freq. (MHz)	Factor (dB)	Loss (dB)	Reading (dBuV)	Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1 0.15	9.61	9.81	6.13	25.55	55.82	30.27	Average
2 0.15	9.61	9.81	25.61	45.03	65.82	20.79	QP
3 0.19	9.61	9.80	4.57	23.98	54.20	30.22	Average
4 0.19	9.61	9.80	22.46	41.87	64.20	22.33	QP
5 0.53	9.61	9.82	10.92	30.35	46.00	15.65	Average
6 0.53	9.61	9.82	18.74	38.17	56.00	17.83	QP



Site no : 844 Shield Room Data no. : 985  
 Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL  
 Limit : FCC PART 15B QP  
 Engineer : Tony  
 EUT : SOUND BAR  
 Power : DC 18V From Adapter Input AC 120V/60Hz  
 M/N : TT-SK017  
 Test Mode : TX Mode  
 Adapter :VSL1800220HU

Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission			
				Level (dBuv)	Limits (dBuv)	Margin (dB)	Remark
1 0.15	9.46	9.81	8.13	27.40	56.00	28.60	Average
2 0.15	9.46	9.81	25.56	44.83	66.00	21.17	QP
3 0.18	9.54	9.80	6.18	25.52	54.59	29.07	Average
4 0.18	9.54	9.80	23.27	42.61	64.59	21.98	QP
5 0.53	9.60	9.81	10.84	30.25	46.00	15.75	Average
6 0.53	9.60	9.81	18.40	37.81	56.00	18.19	QP

## 11. ANTENNA REQUIREMENTS

### 11.1. Limit

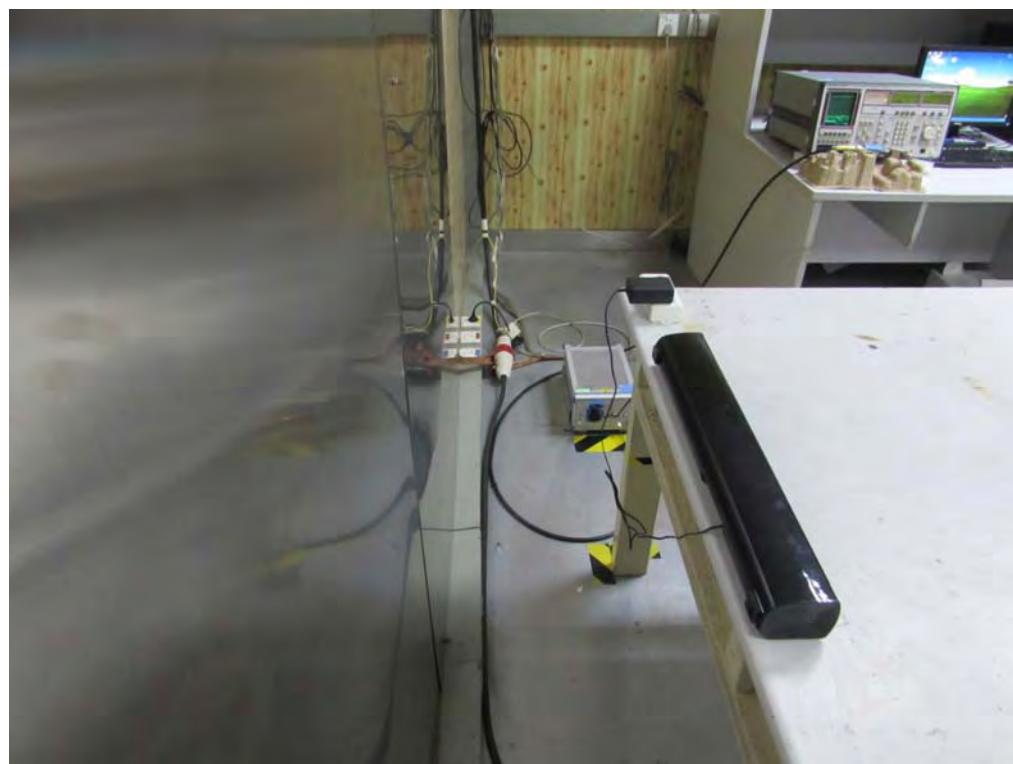
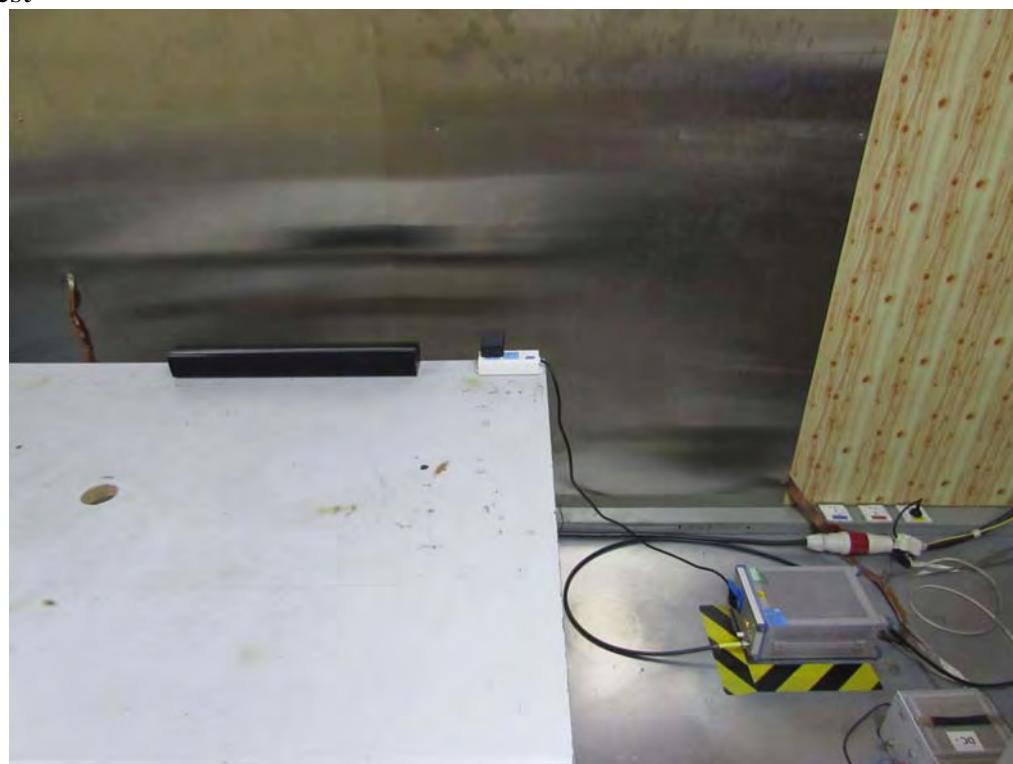
For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional 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

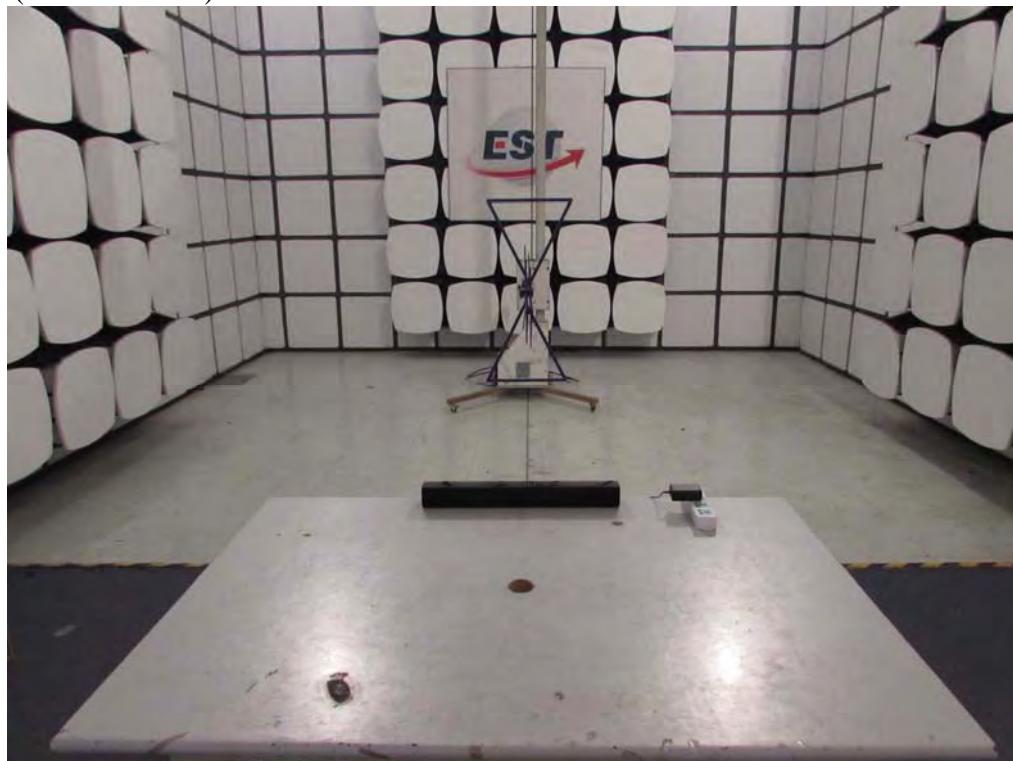
The antennas used for this product are internal Antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only 0dBi.

## 12. TEST SETUP PHOTO

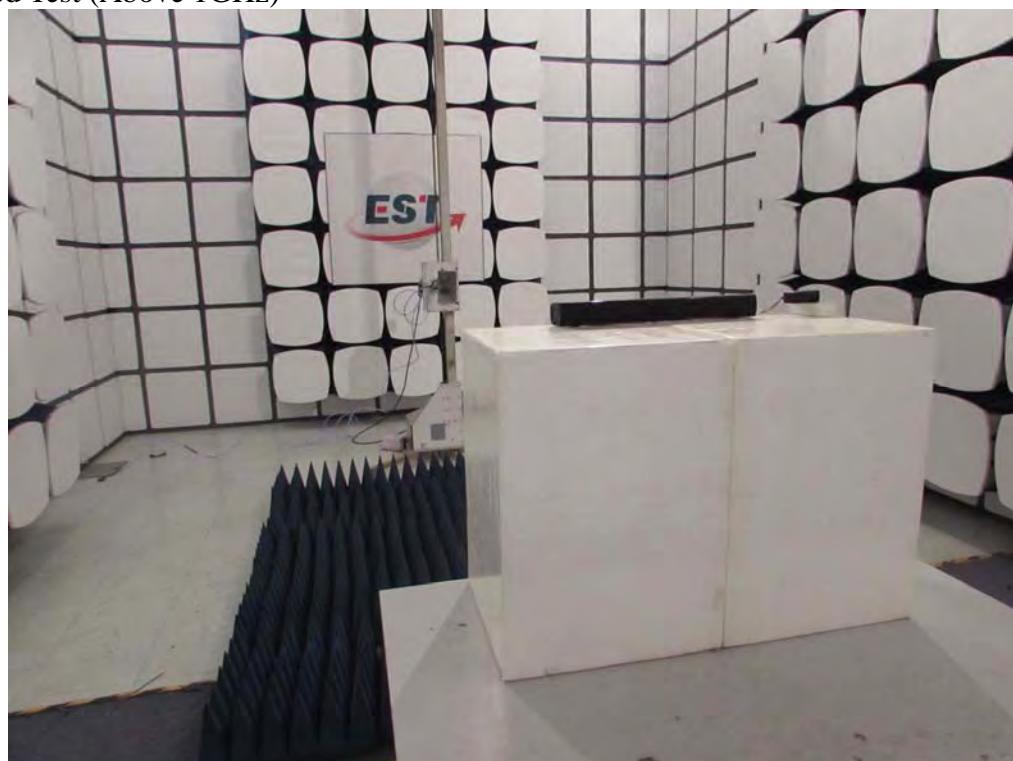
Conducted Test



Radiated Test (30-1000 MHz)

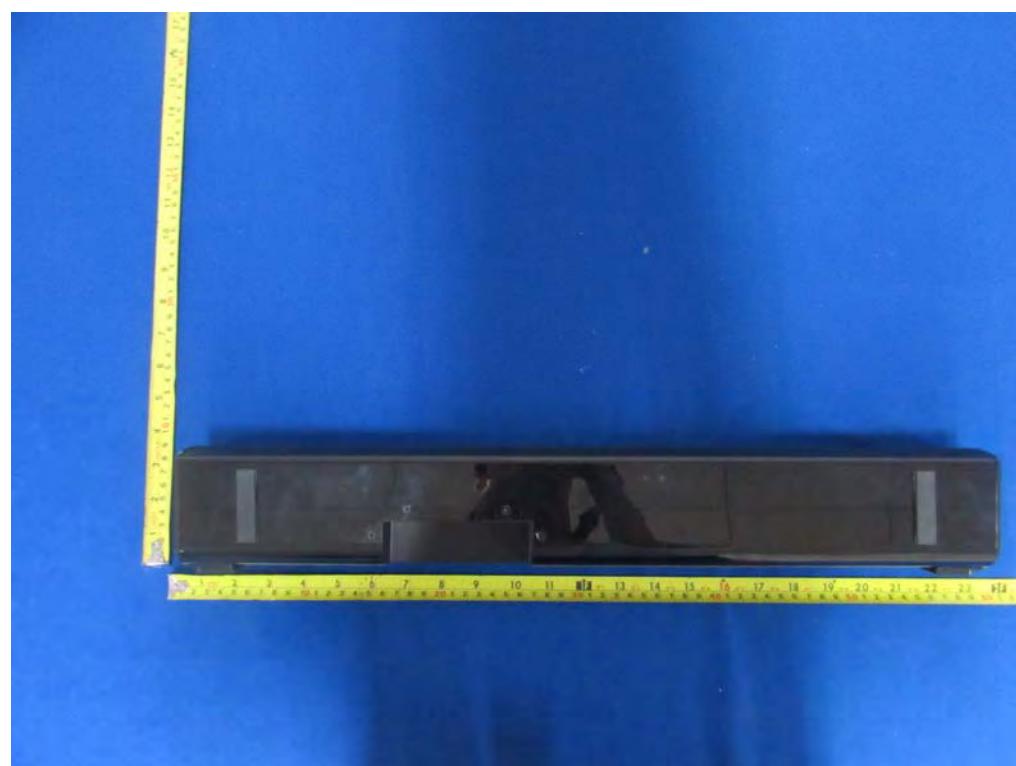
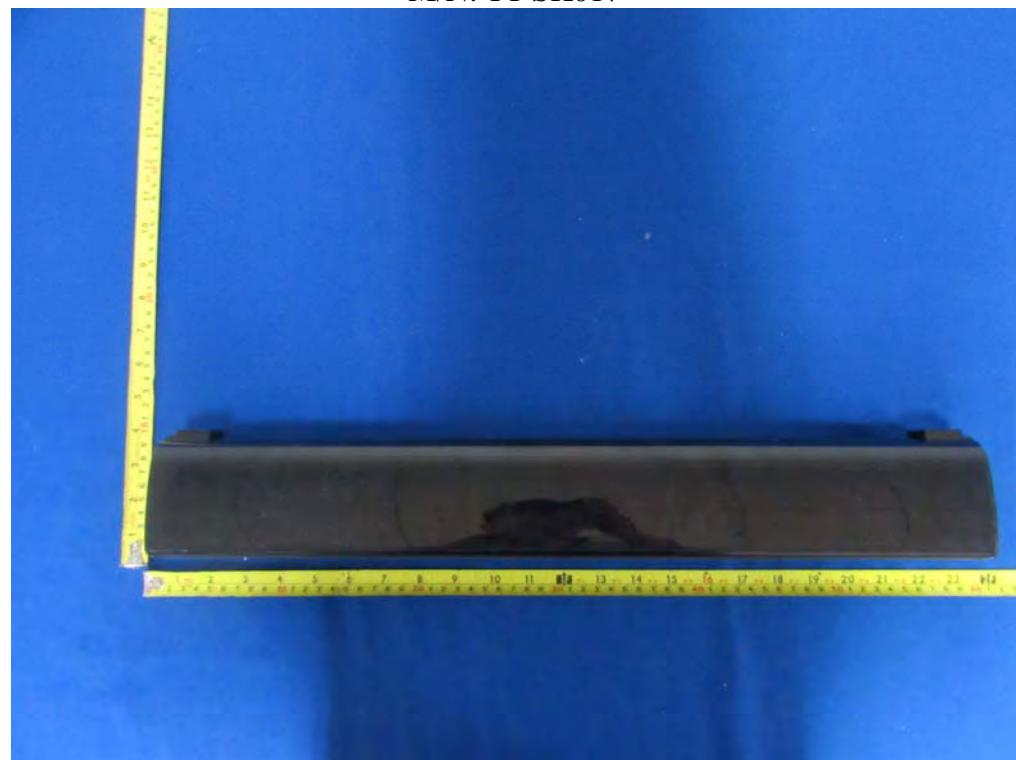


Radiated Test (Above 1GHz)

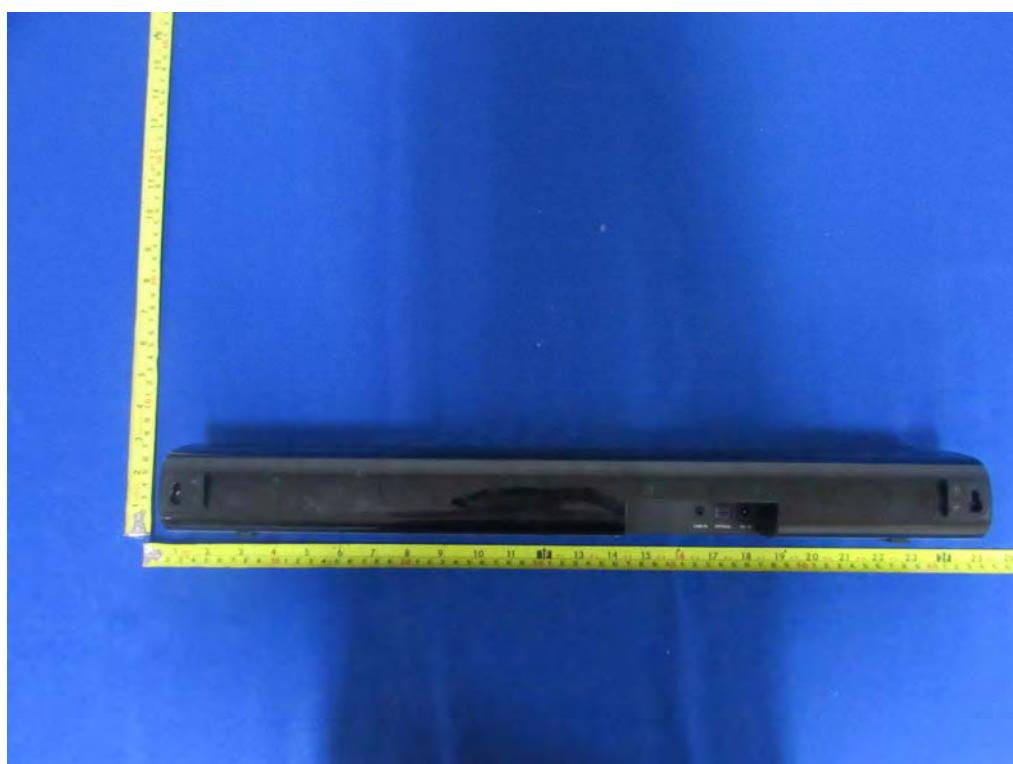
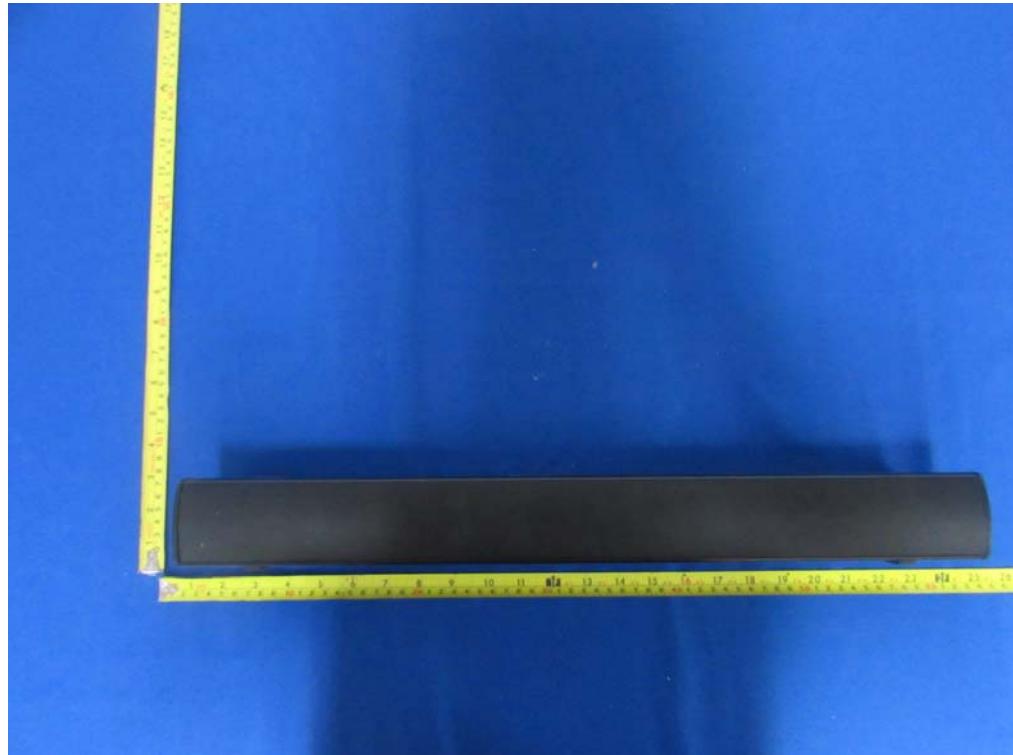


## 13.PHOTOS OF EUT

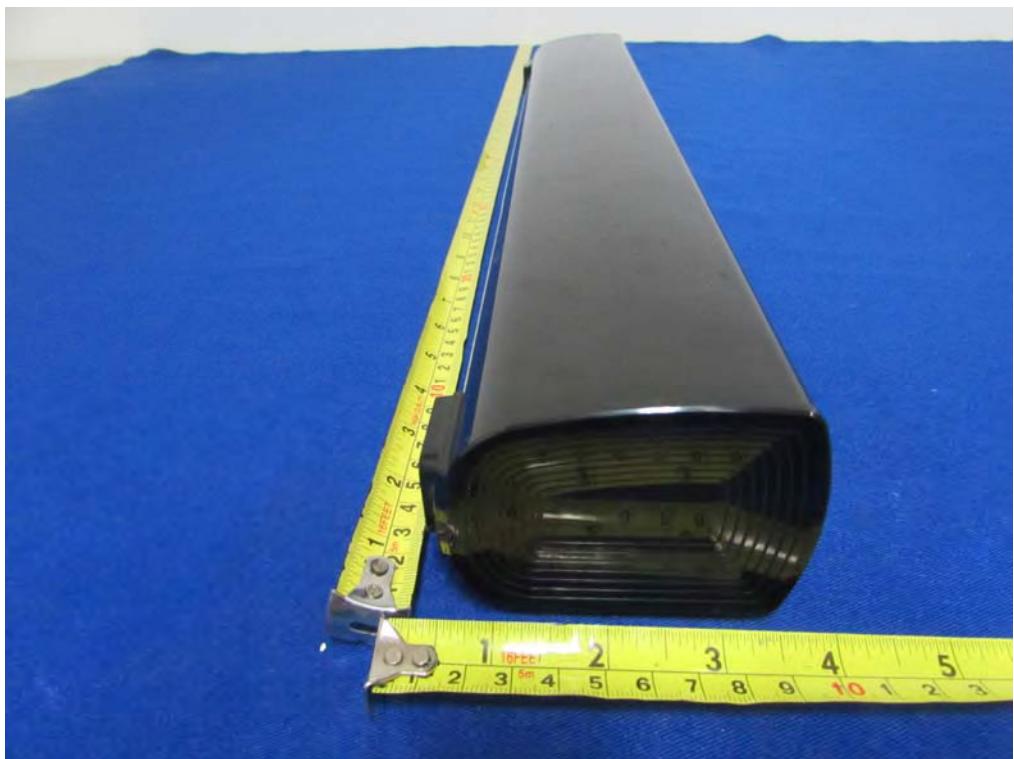
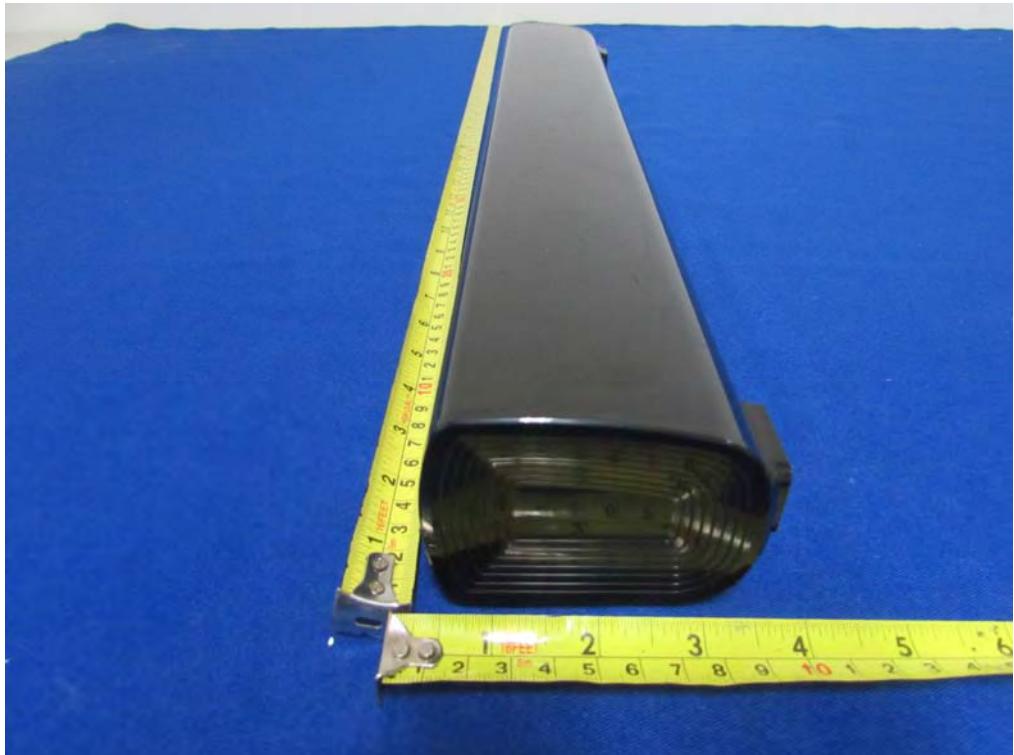
**External Photos**  
M/N: TT-SK017



**External Photos**  
M/N: TT-SK017



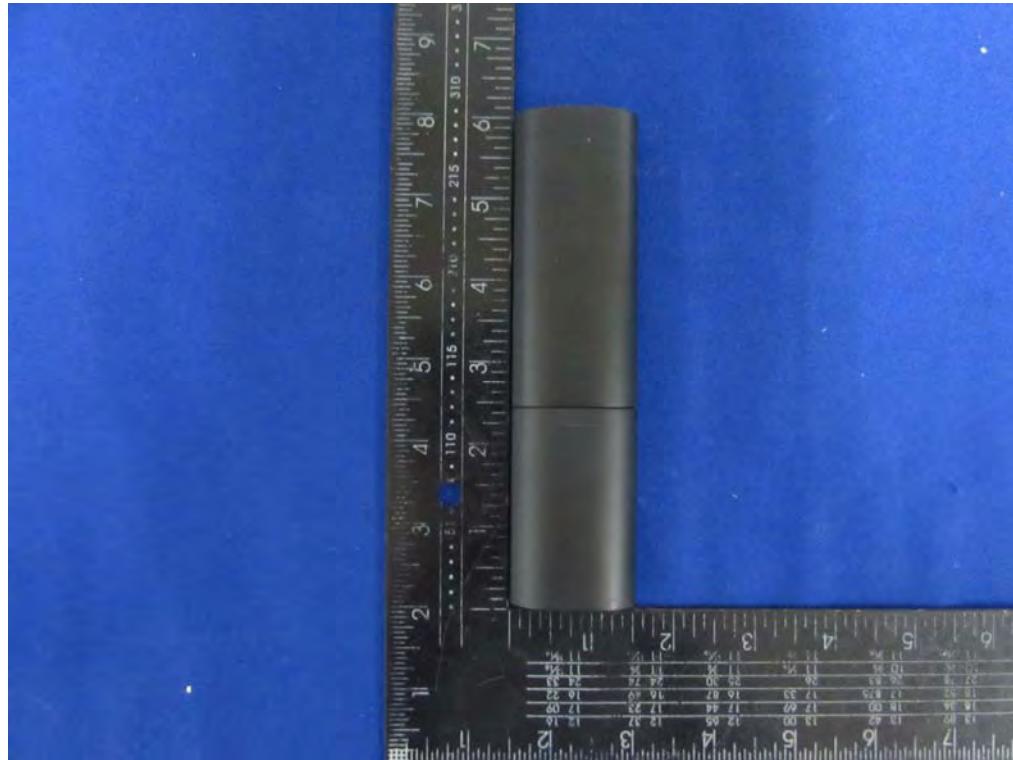
**External Photos**  
M/N: TT-SK017



**External Photos**  
M/N: TT-SK017



**External Photos**  
M/N: TT-SK017



**External Photos**  
M/N: TT-SK017



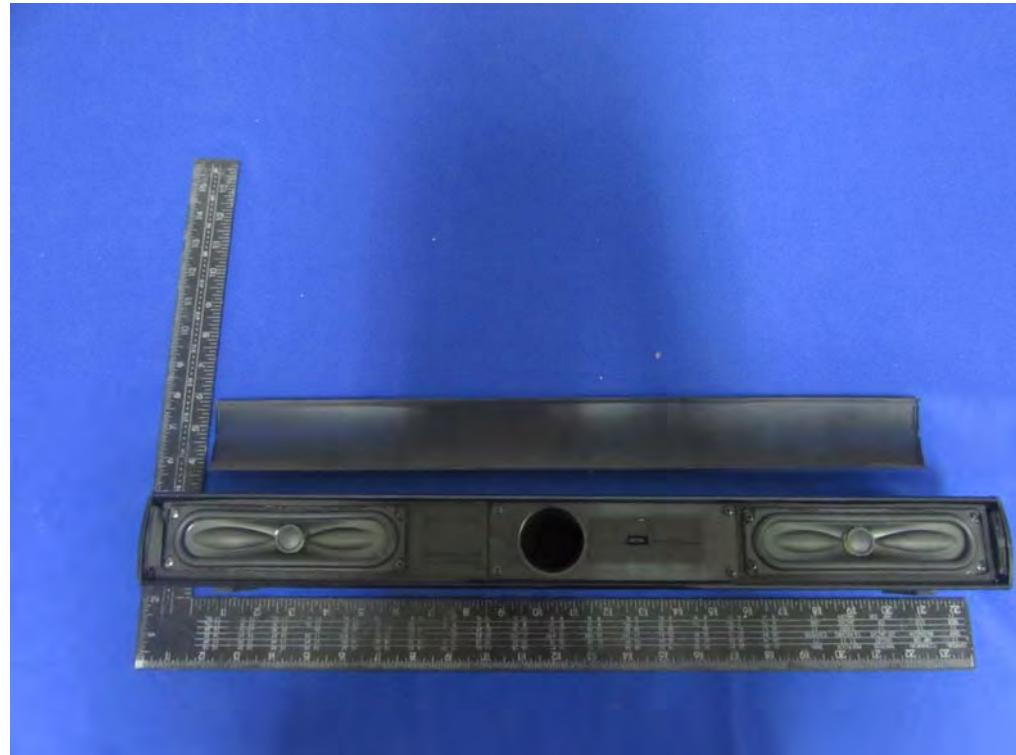
**External Photos**  
M/N: TT-SK017



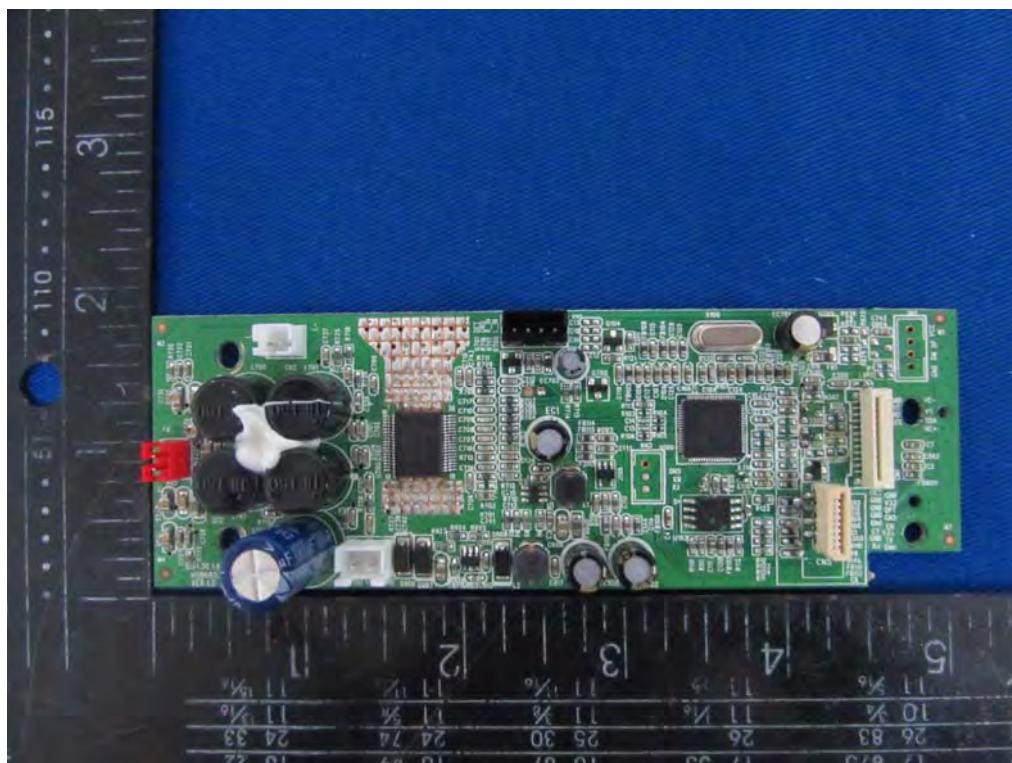
**External Photos**  
M/N: TT-SK017



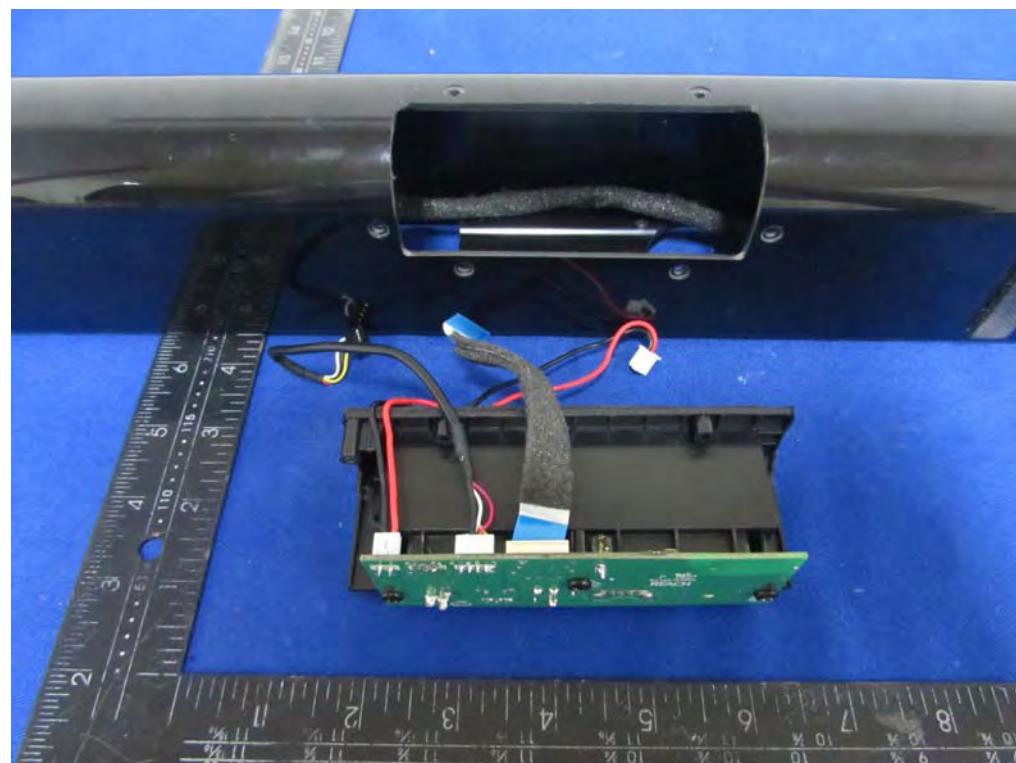
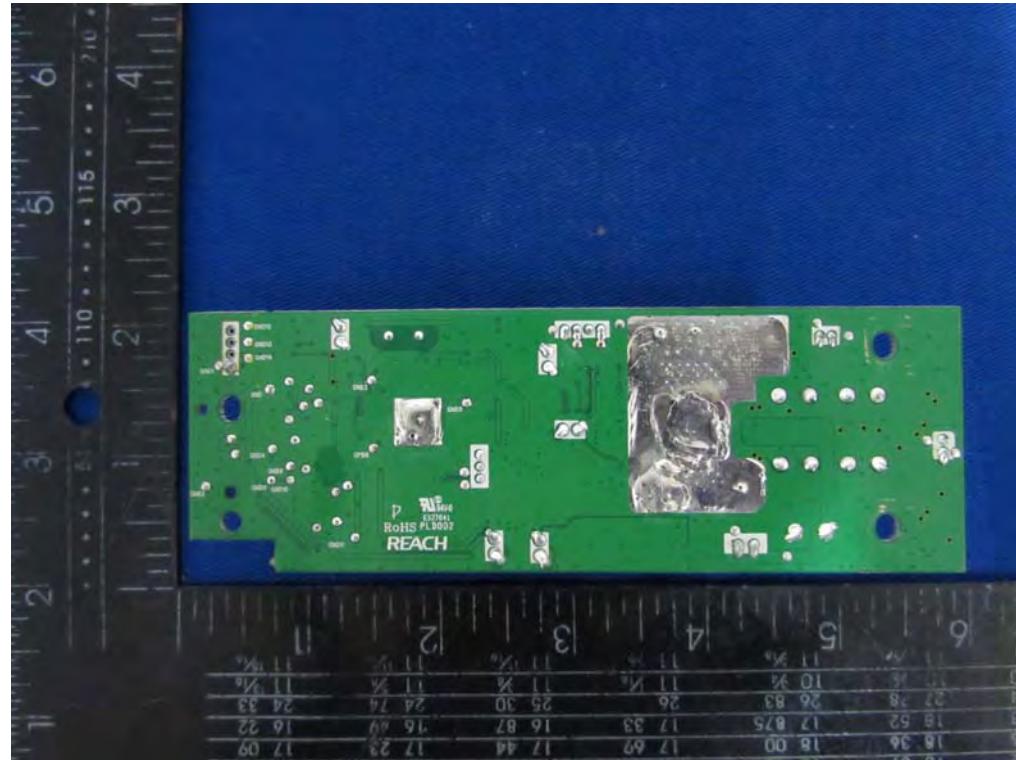
**Internal Photos**  
M/N: TT-SK017



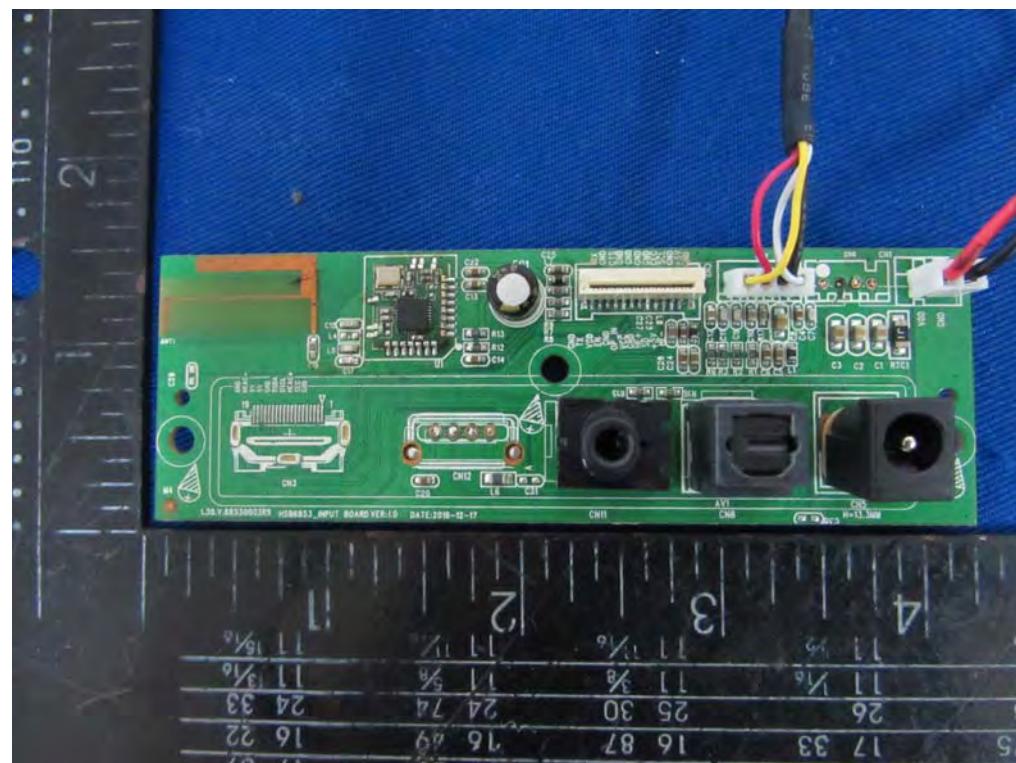
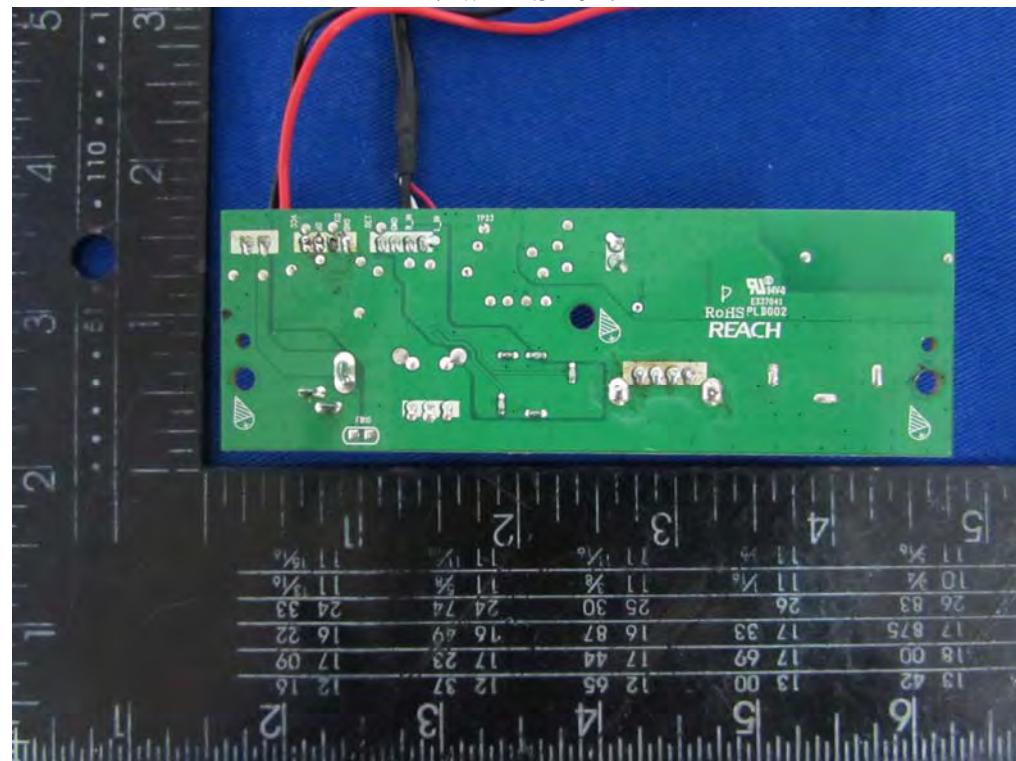
**Internal Photos**  
M/N: TT-SK017



**Internal Photos**  
M/N: TT-SK017



**Internal Photos**  
M/N: TT-SK017



**Internal Photos**  
M/N: TT-SK017

