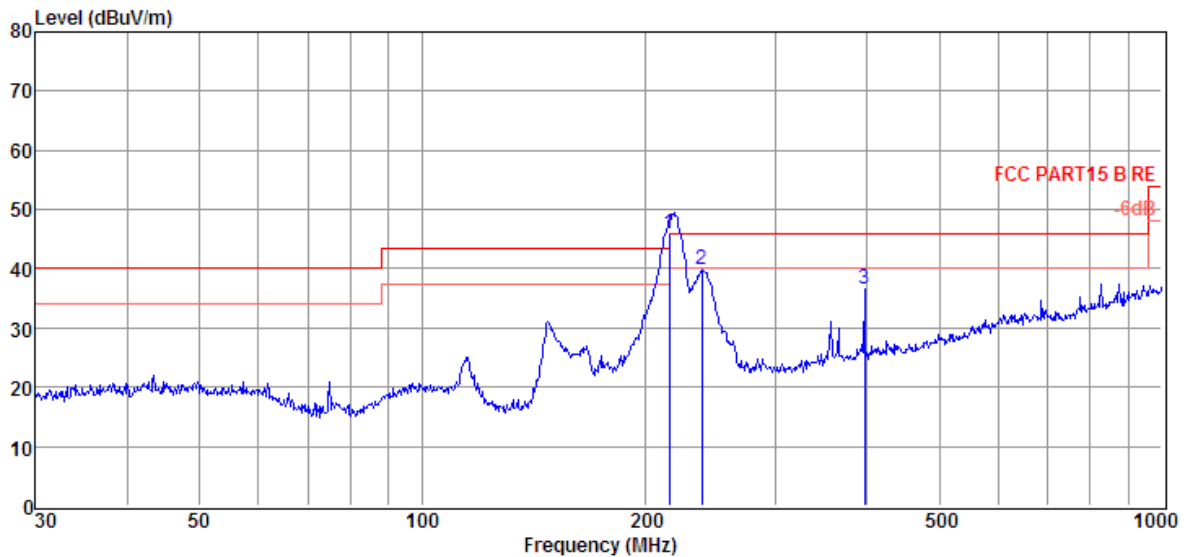


## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1# D:\2017 RE1# Test Data\V\Vitro TV\20170425RE.EM6  
**Test Date** : 2017-04-25 **Tested By** : Jerry  
**EUT** : TV board **Model Number** :  
**Power Supply** : AC 120V/60Hz **Test Mode** : DDR3  
**Condition** : Temp:24.5°C,Humi:55%,  
**Antenna/Distance** : 2016 VULB9163 1#/3m/HORIZONTAL  
Press:100.1kPa  
**Memo** :

Data: 3



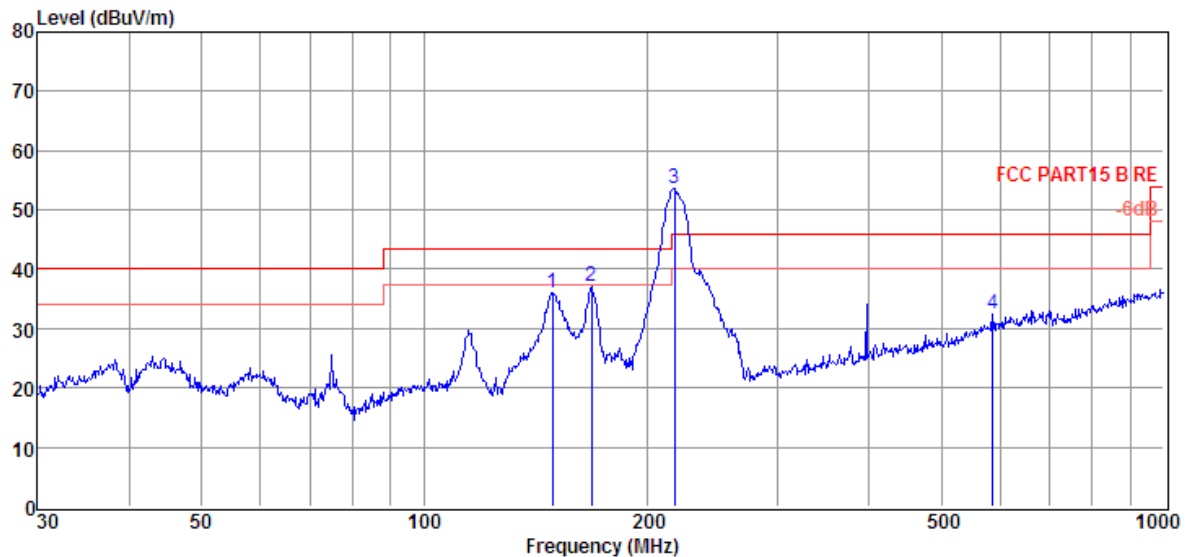
Item (Mark)	Freq. (MHz)	Read Level (dB $\mu$ V)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dB $\mu$ V/m)	Limit Line (dB $\mu$ V/m)	Over Limit (dB)	Detector	Polarization
1	215.64	30.00	11.04	4.98	46.02	43.50	2.52	QP	HORIZONTAL
2	239.15	22.87	11.87	5.09	39.83	46.00	-6.17	Peak	HORIZONTAL
3	396.24	15.02	15.63	5.78	36.43	46.00	-9.57	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.  
 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1# D:\2017 RE1# Test Data\V\Vitro TV\20170425RE.EM6  
**Test Date** : 2017-04-25 **Tested By** : Jerry  
**EUT** : TV board **Model Number** :  
**Power Supply** : AC 120V/60Hz **Test Mode** : DDR3  
**Condition** : Temp:24.5°C,Humi:55%,  
**Antenna/Distance** : 2016 VULB9163 1#/3m/VERTICAL  
 Press:100.1kPa  
**Memo** :

Data: 4



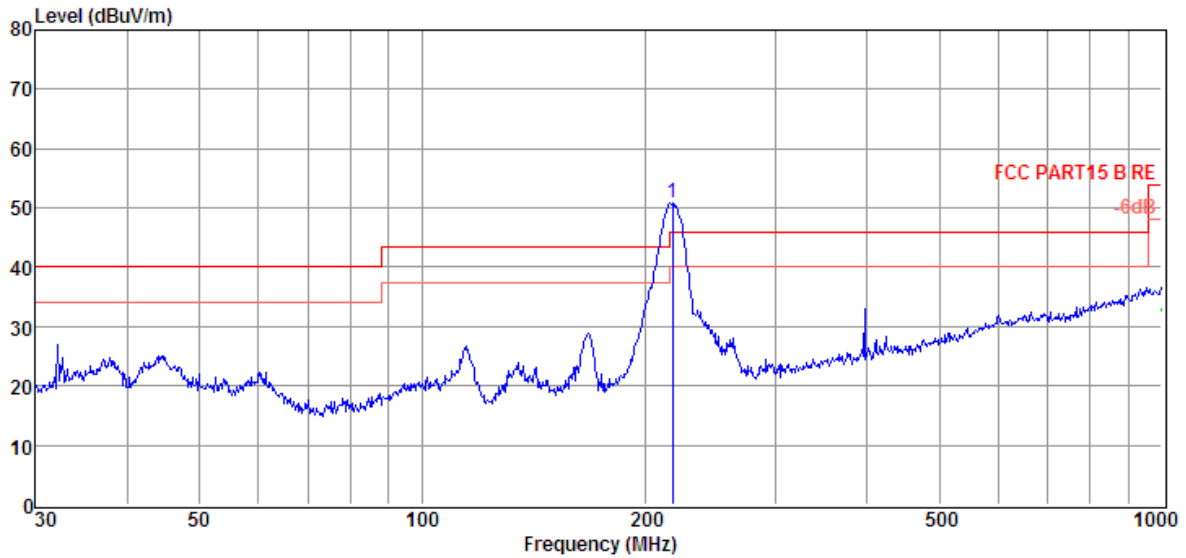
Item (Mark)	Freq. (MHz)	Read Level (dB $\mu$ V)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dB $\mu$ V/m)	Limit Line (dB $\mu$ V/m)	Over Limit (dB)	Detector	Polarization
1	148.96	24.05	7.48	4.59	36.12	43.50	-7.38	Peak	VERTICAL
2	168.41	24.08	8.34	4.71	37.13	43.50	-6.37	Peak	VERTICAL
3	218.31	37.48	11.20	4.99	53.67	46.00	7.67	Peak	VERTICAL
4	586.84	6.91	19.10	6.47	32.48	46.00	-13.52	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.  
 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1# D:\2017 RE1# Test Data\V\Vitro TV\20170425RE.EM6  
**Test Date** : 2017-04-25 **Tested By** : Jerry  
**EUT** : TV board **Model Number** :  
**Power Supply** : AC 120V/60Hz **Test Mode** : DDR3  
**Condition** : Temp:24.5°C,Humi:55%,  
**Antenna/Distance** : 2016 VULB9163 1#/3m/VERTICAL  
 Press:100.1kPa  
**Memo** :

Data: 5



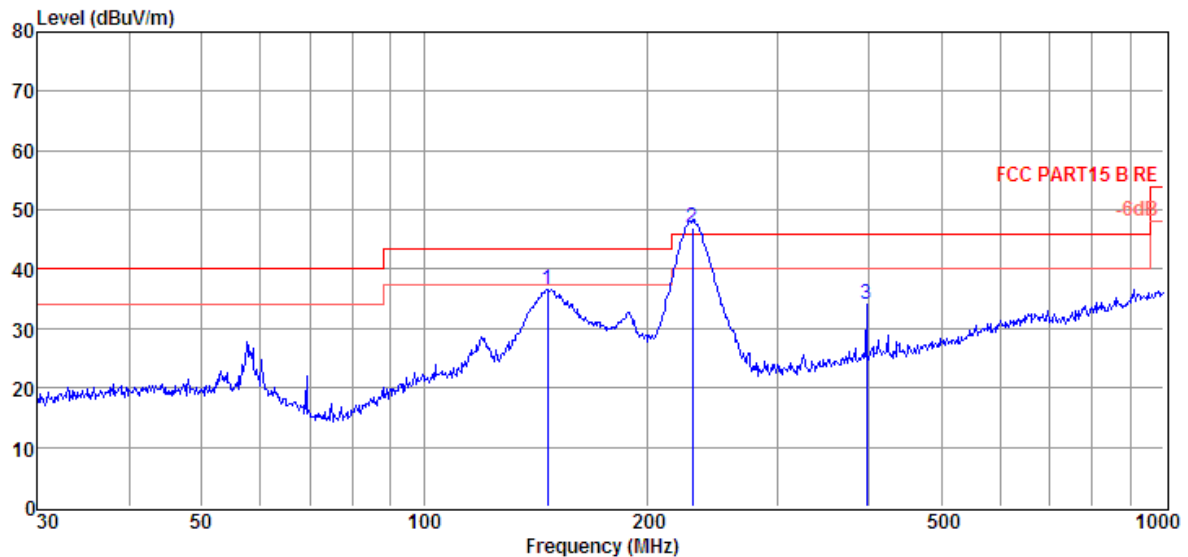
Item (Mark)	Freq. (MHz)	Read Level (dB $\mu$ V)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dB $\mu$ V/m)	Limit Line (dB $\mu$ V/m)	Over Limit (dB)	Detector	Polarization
1	218.31	34.77	11.20	4.99	50.96	46.00	4.96	Peak	VERTICAL

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.  
 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1# D:\2017 RE1# Test Data\V\Vitro TV\20170425RE.EM6  
**Test Date** : 2017-04-25 **Tested By** : Jerry  
**EUT** : TV board **Model Number** :  
**Power Supply** : DC 12V **Test Mode** : DDR3  
**Condition** : Temp:24.5°C,Humi:55%,  
**Antenna/Distance** : 2016 VULB9163 1#/3m/VERTICAL  
Press:100.1kPa  
**Memo** :

Data: 6



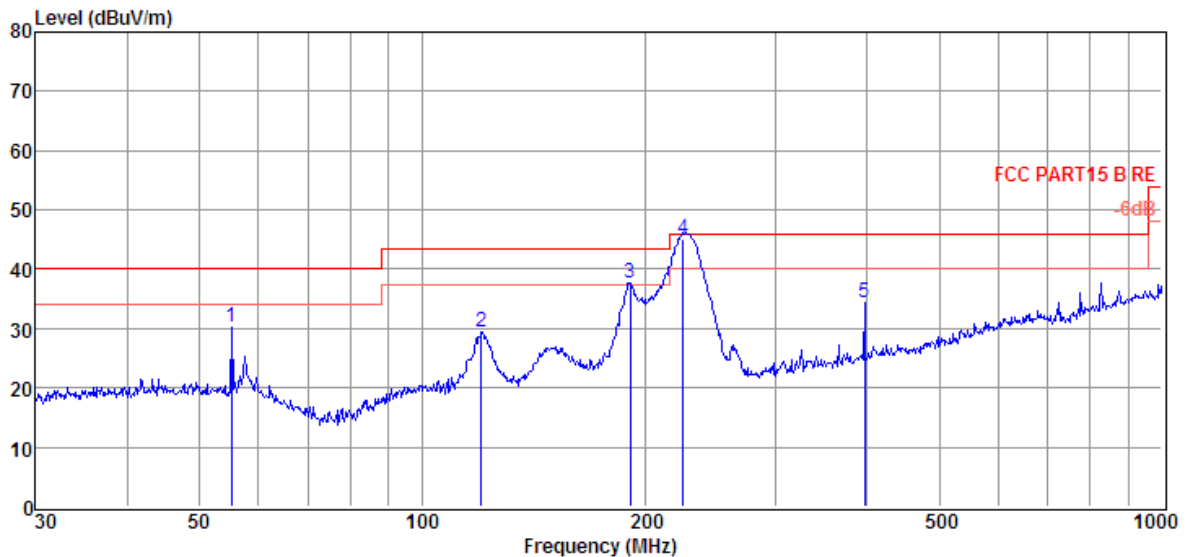
Item (Mark)	Freq. (MHz)	Read Level (dB $\mu$ V)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dB $\mu$ V/m)	Limit Line (dB $\mu$ V/m)	Over Limit (dB)	Detector	Polarization
1	146.89	24.62	7.44	4.58	36.64	43.50	-6.86	Peak	VERTICAL
2	230.58	30.30	11.61	5.05	46.96	46.00	0.96	QP	VERTICAL
3	396.24	12.72	15.63	5.78	34.13	46.00	-11.87	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.  
 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1# D:\2017 RE1# Test Data\V\Vitro TV\20170425RE.EM6  
**Test Date** : 2017-04-25 **Tested By** : Jerry  
**EUT** : TV board **Model Number** :  
**Power Supply** : DC 12V **Test Mode** : DDR3  
**Condition** : Temp:24.5°C,Humi:55%,  
**Antenna/Distance** : 2016 VULB9163 1#/3m/HORIZONTAL  
Press:100.1kPa  
**Memo** :

Data: 7



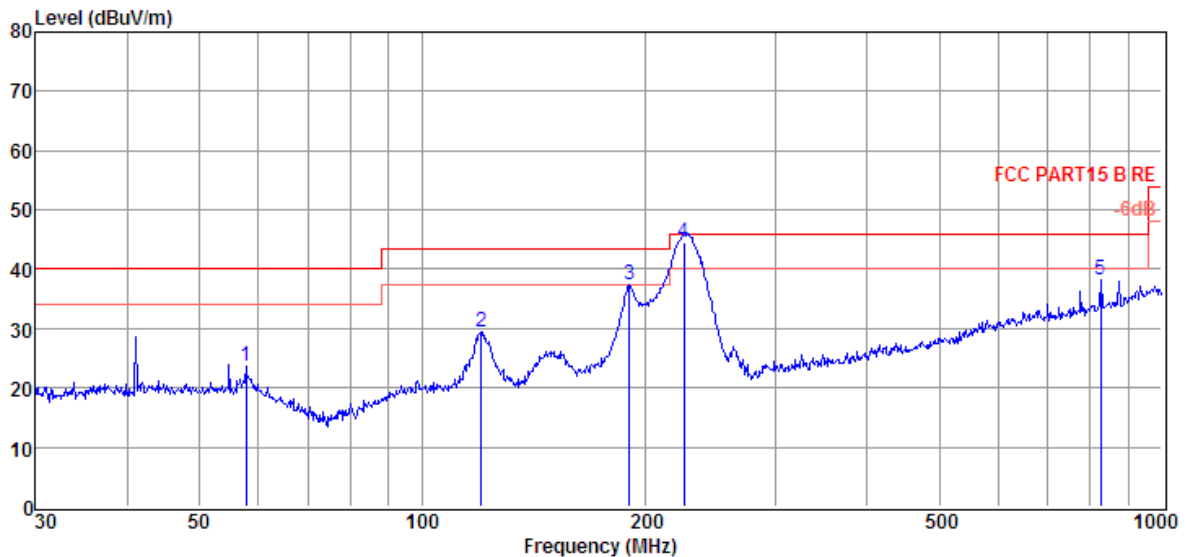
Item (Mark)	Freq. (MHz)	Read Level (dB $\mu$ V)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dB $\mu$ V/m)	Limit Line (dB $\mu$ V/m)	Over Limit (dB)	Detector	Polarization
1	55.22	14.61	11.64	3.93	30.18	40.00	-9.82	Peak	HORIZONTAL
2	120.28	15.74	9.24	4.42	29.40	43.50	-14.10	Peak	HORIZONTAL
3	191.07	22.86	9.87	4.85	37.58	43.50	-5.92	Peak	HORIZONTAL
4	225.31	28.60	11.51	5.02	45.13	46.00	-0.87	QP	HORIZONTAL
5	396.24	12.84	15.63	5.78	34.25	46.00	-11.75	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.  
 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1# D:\2017 RE1# Test Data\V\Vitro TV\20170425RE.EM6  
**Test Date** : 2017-04-25 **Tested By** : Jerry  
**EUT** : TV board **Model Number** :  
**Power Supply** : DC 12V **Test Mode** : DDR3  
**Condition** : Temp:24.5°C,Humi:55%,  
 : Press:100.1kPa **Antenna/Distance** : 2016 VULB9163 1#/3m/HORIZONTAL  
**Memo** :

Data: 8



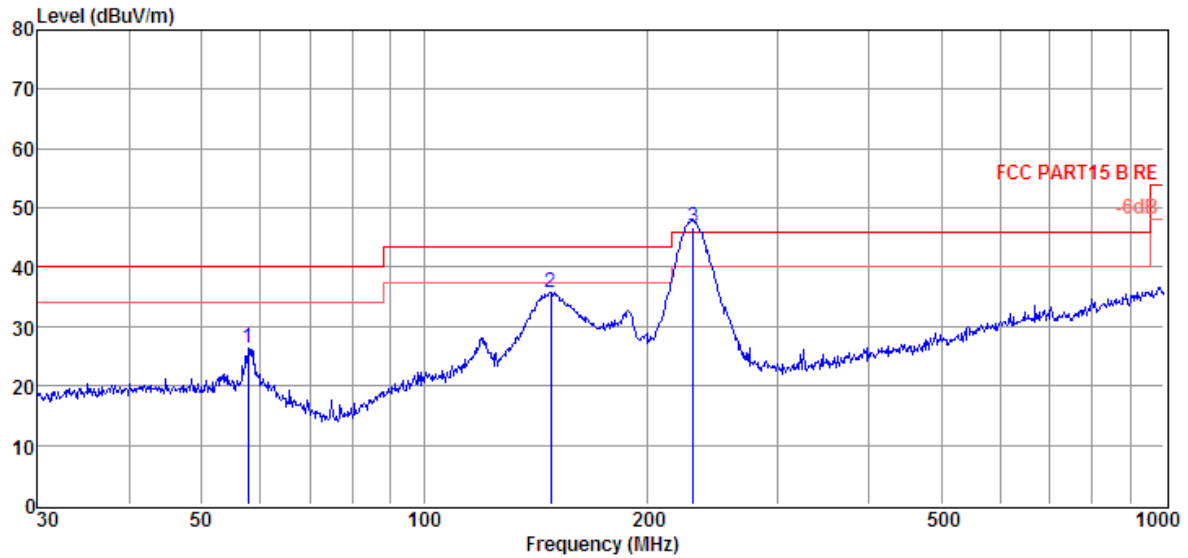
Item (Mark)	Freq. (MHz)	Read Level (dB $\mu$ V)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dB $\mu$ V/m)	Limit Line (dB $\mu$ V/m)	Over Limit (dB)	Detector	Polarization
1	57.80	7.93	11.69	3.96	23.58	40.00	-16.42	Peak	HORIZONTAL
2	120.28	15.82	9.24	4.42	29.48	43.50	-14.02	Peak	HORIZONTAL
3	190.41	22.69	9.82	4.84	37.35	43.50	-6.15	Peak	HORIZONTAL
4	226.10	28.01	11.52	5.02	44.55	46.00	-1.45	QP	HORIZONTAL
5	827.49	9.62	21.48	7.20	38.30	46.00	-7.70	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.  
 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1# D:\2017 RE1# Test Data\V\Vitro TV\20170425RE.EM6  
**Test Date** : 2017-04-25 **Tested By** : Jerry  
**EUT** : TV board **Model Number** :  
**Power Supply** : DC 12V **Test Mode** : DDR3  
**Condition** : Temp:24.5°C,Humi:55%,  
**Antenna/Distance** : 2016 VULB9163 1#/3m/VERTICAL  
Press:100.1kPa  
**Memo** :

Data: 9



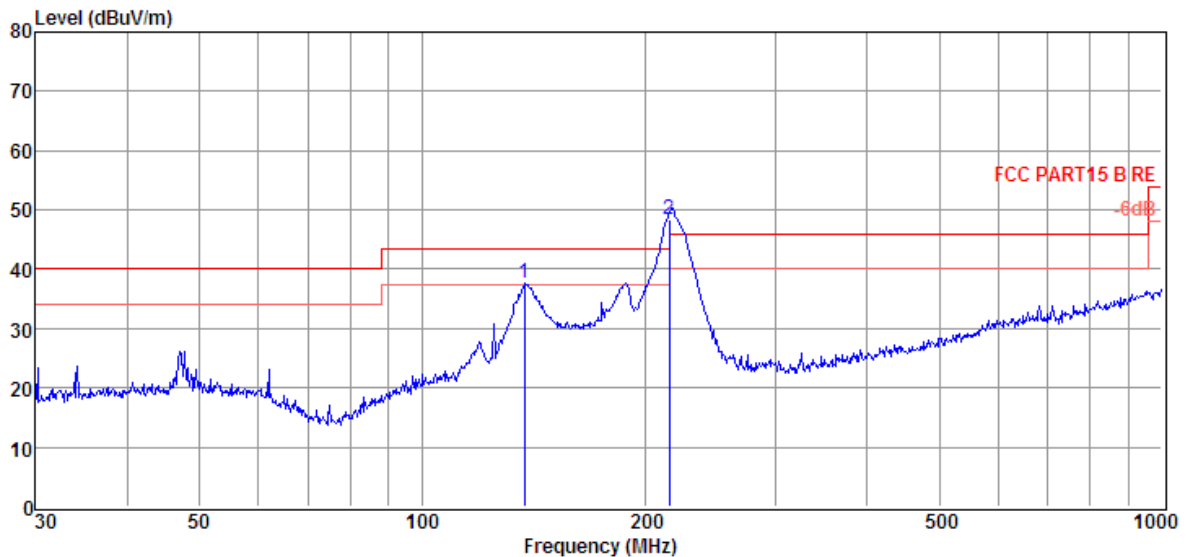
Item (Mark)	Freq. (MHz)	Read Level (dB $\mu$ V)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dB $\mu$ V/m)	Limit Line (dB $\mu$ V/m)	Over Limit (dB)	Detector	Polarization
1	57.80	10.81	11.69	3.96	26.46	40.00	-13.54	Peak	VERTICAL
2	148.44	23.75	7.47	4.59	35.81	43.50	-7.69	Peak	VERTICAL
3	230.91	30.20	11.62	5.05	46.87	46.00	0.87	QP	VERTICAL

- Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.  
 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1# D:\2017 RE1# Test Data\V\Vitro TV\20170425RE.EM6  
**Test Date** : 2017-04-25 **Tested By** : Jerry  
**EUT** : TV board **Model Number** :  
**Power Supply** : DC 12V **Test Mode** : DDR3 with box  
**Condition** : Temp:24.5°C,Humi:55%,  
**Antenna/Distance** : 2016 VULB9163 1#/3m/VERTICAL  
Press:100.1kPa  
**Memo** :

Data: 10



Item (Mark)	Freq. (MHz)	Read Level (dB $\mu$ V)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dB $\mu$ V/m)	Limit Line (dB $\mu$ V/m)	Over Limit (dB)	Detector	Polarization
1	137.42	25.46	7.55	4.52	37.53	43.50	-5.97	Peak	VERTICAL
2	215.86	32.30	11.05	4.98	48.33	43.50	4.83	QP	VERTICAL

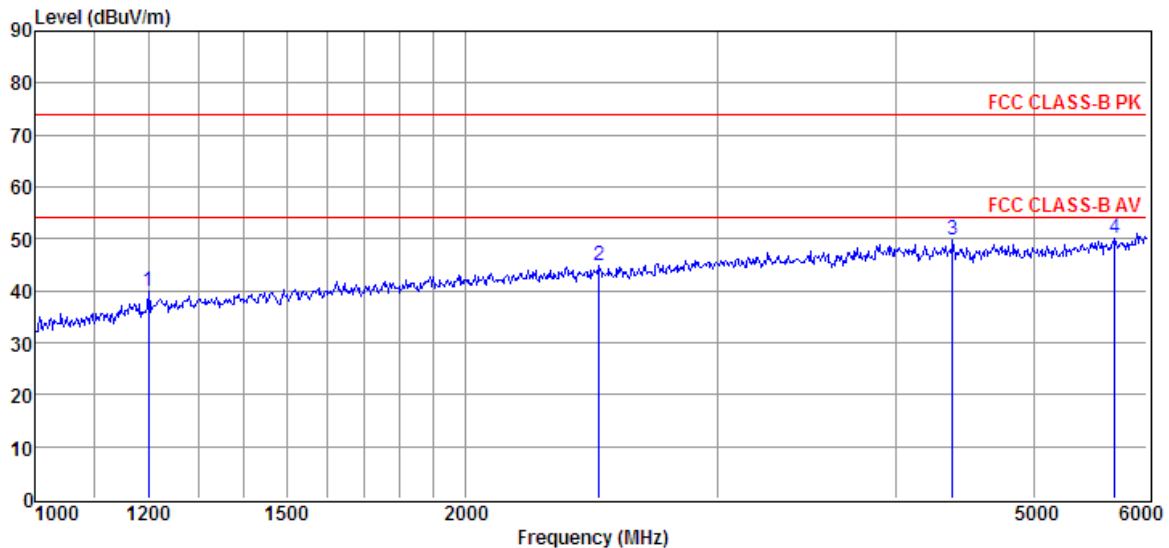
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.  
 2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.  
 3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.



## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1# **D:\2017 RE1# Test Data\V\Vitro TV\20170425RE.EM6**  
**Test Date** : 2017-04-25 **Tested By** : Jerry  
**EUT** : TV board **Model Number** :  
**Power Supply** : AC 120V/60Hz **Test Mode** : DDR3  
**Condition** : Temp:24.5°C,Humi:55%,  
Press:100.1kPa **Antenna/Distance** : 2016 HF907/3m/VERTICAL  
**Memo** :

Data: 1



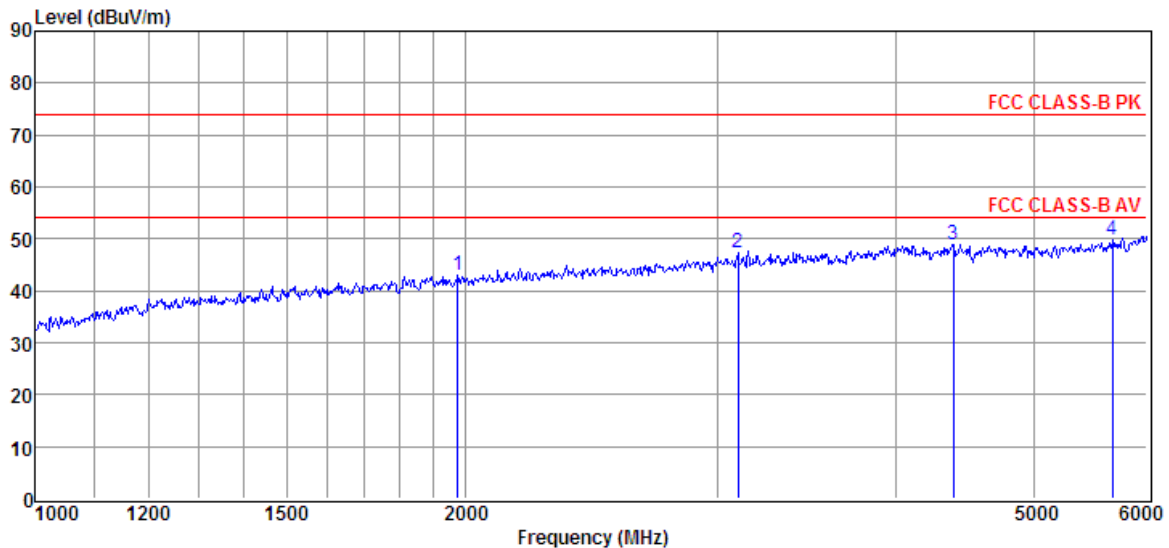
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor (dB)	Cable Loss (dB)	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1200.53	41.14	24.01	29.44	4.19	39.90	74.00	-34.10	Peak	VERTICAL
2	2480.41	38.20	30.13	29.69	6.13	44.77	74.00	-29.23	Peak	VERTICAL
3	4385.05	37.19	33.71	29.14	8.02	49.78	74.00	-24.22	Peak	VERTICAL
4	5696.20	35.22	34.82	29.22	9.38	50.20	74.00	-23.80	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

## TR-4-E-009 Radiated Emission Test Result

**Test Site** : DDT 3m Chamber 1# D:\2017 RE1# Test Data\V\Vitro TV\20170425RE.EM6  
**Test Date** : 2017-04-25 **Tested By** : Jerry  
**EUT** : TV board **Model Number** :  
**Power Supply** : AC 120V/60Hz **Test Mode** : DDR3  
**Condition** : Temp:24.5°C,Humi:55%,  
Press:100.1kPa **Antenna/Distance** : 2016 HF907/3m/HORIZONTAL  
**Memo** :

Data: 2



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1975.59	38.59	27.99	28.99	5.47	43.06	74.00	-30.94	Peak	HORIZONTAL
2	3103.07	38.71	31.74	30.13	6.88	47.20	74.00	-26.80	Peak	HORIZONTAL
3	4392.92	36.21	33.72	29.15	8.04	48.82	74.00	-25.18	Peak	HORIZONTAL
4	5675.82	34.76	34.81	29.22	9.36	49.71	74.00	-24.29	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.  
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.