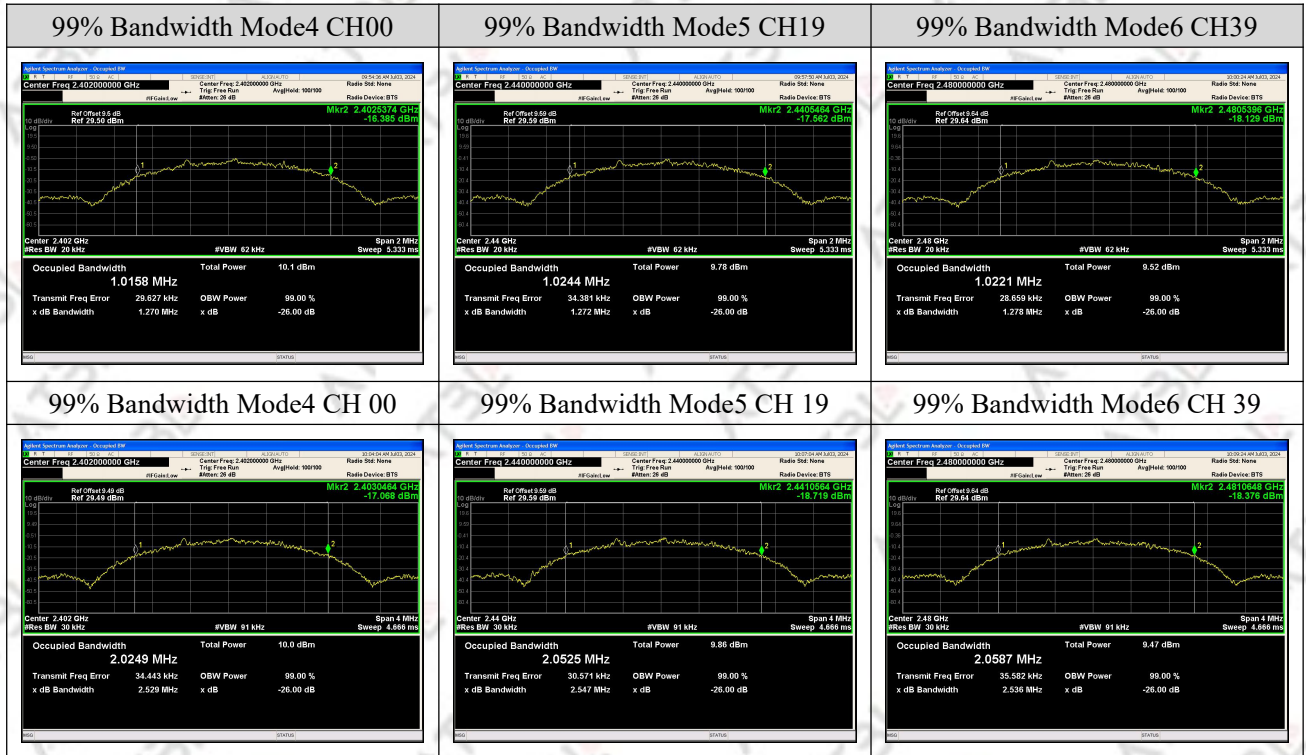


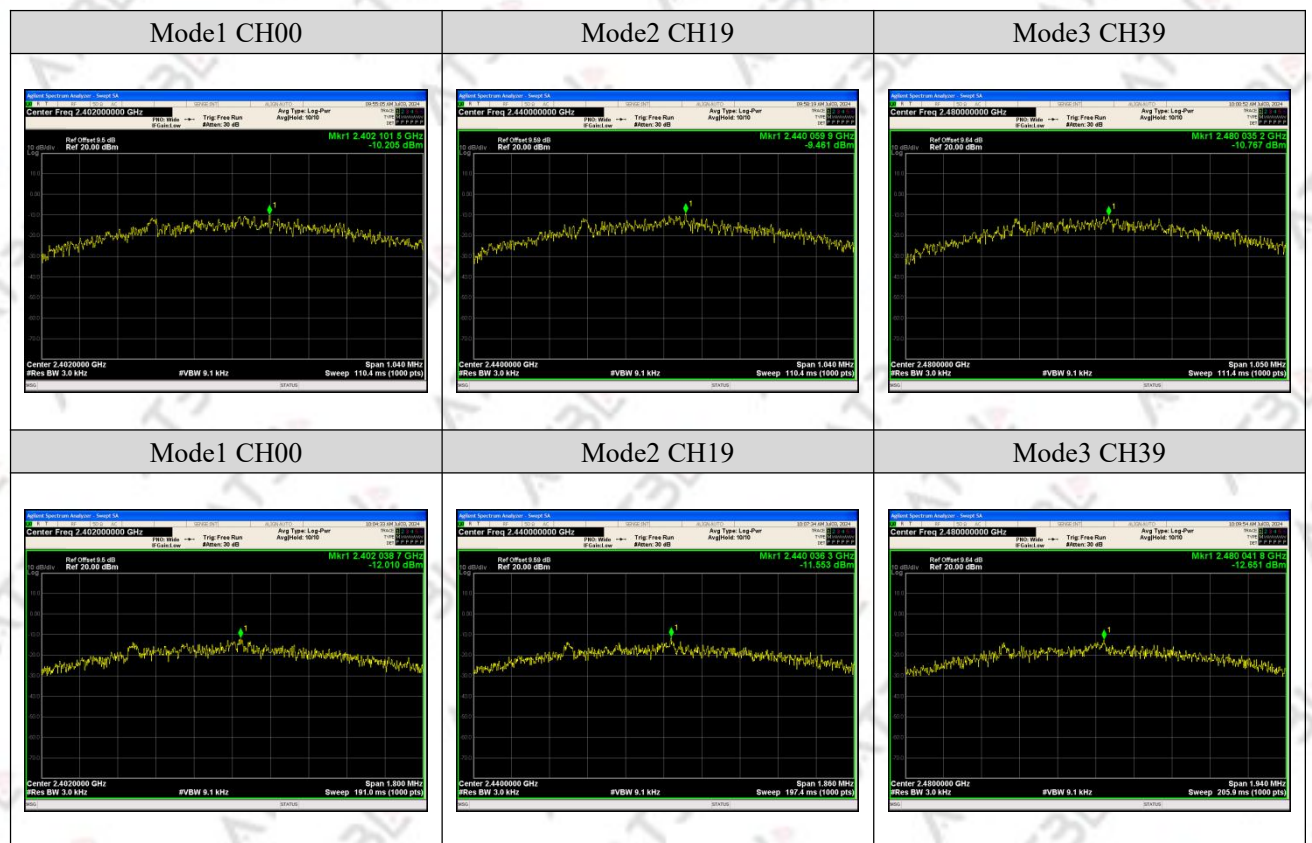
99% Bandwidth



3.4.4. Test Result of Power Spectral Density

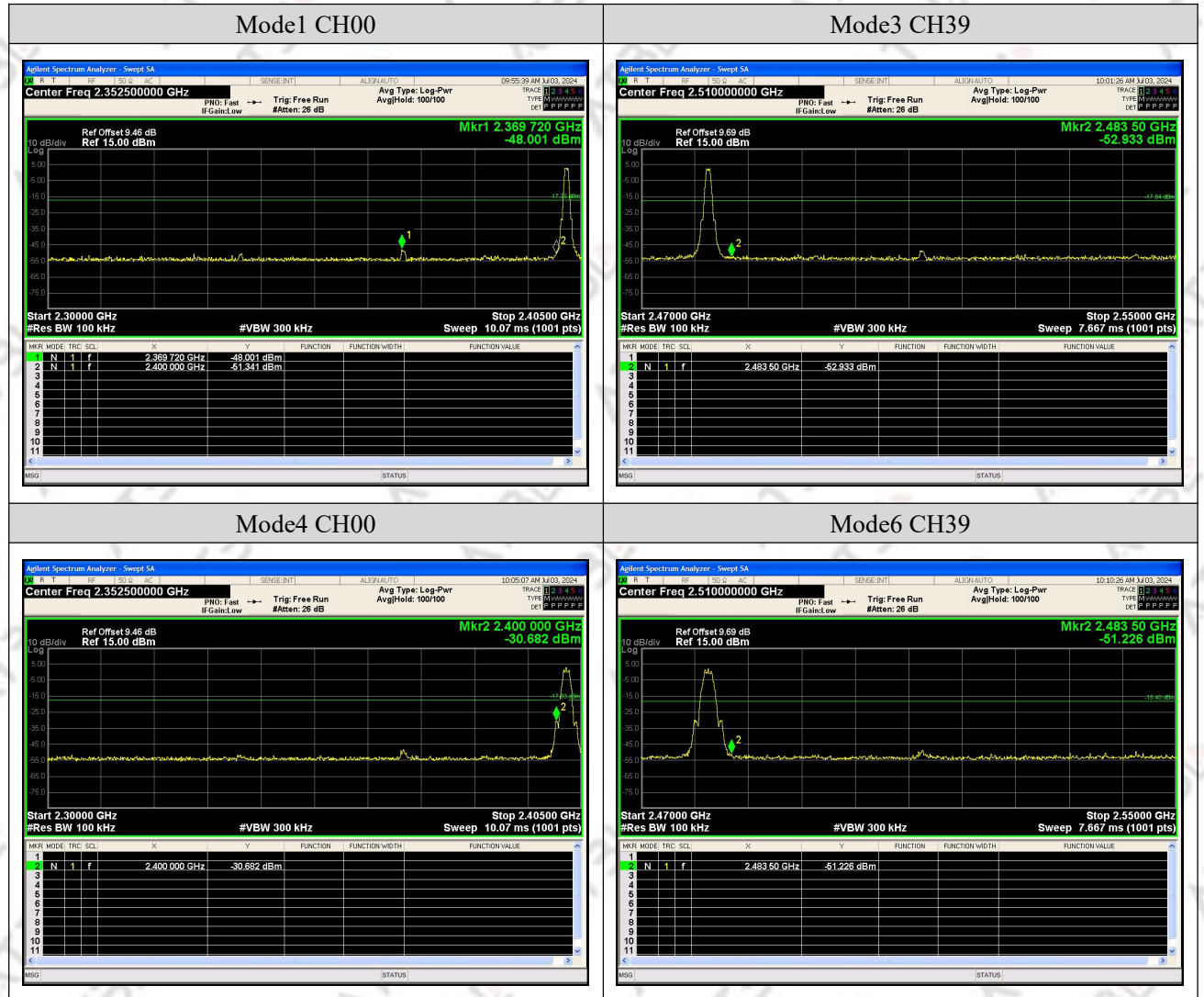
Temperature:	23.4 °C	Relative Humidity:	55%RH
Test Voltage:	DC 24V	Test Mode:	TX Mode1/2/3/4/5/6/

Frequency		Power Density	Limit (dBm/3kHz)	Result
		(dBm/3kHz)		
1M bps	2402 MHz	-10.205	≤8	PASS
	2440 MHz	-9.461	≤8	PASS
	2480 MHz	-10.767	≤8	PASS
2M bps	2402 MHz	-12.010	≤8	PASS
	2440 MHz	-11.553	≤8	PASS
	2480 MHz	-12.651	≤8	PASS



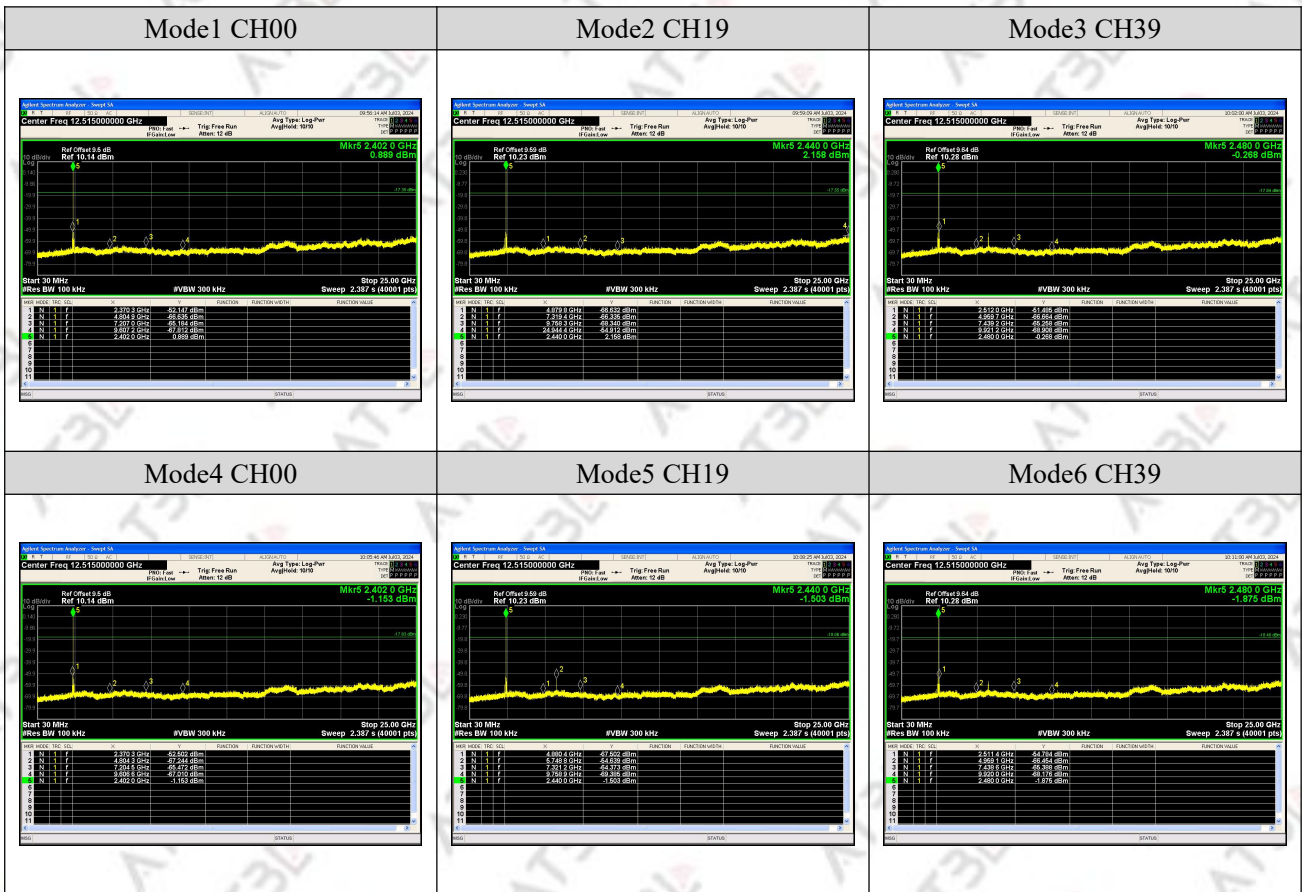
3.5.4. Test Result of Conducted Band Edge

Temperature:	23.4 °C	Relative Humidity:	55%RH
Test Voltage:	DC 24V	Test Mode:	TX Mode 1/3/4/6



3.6.4. Test Result of Conducted Spurious Emission

Temperature:	23.4 °C	Relative Humidity:	55%RH
Test Voltage:	DC 24V	Test Mode:	TX Mode 1/2/3/4/5/6



*****END OF APPENDIX A*****

Appendix B _ Radiated Test Data

3.7.4. Test Result of Radiated Spurious Emission

3.7.4.1. For 9 kHz ~ 30 MHz

(9kHz -30MHz)

Temperature:	23.4°C	Relative Humidity	55%RH
Test Voltage:	DC 24V	Polarization:	TX Mode
Test Mode:	TX Mode		

Note:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = $40 \log (\text{specific distance/test distance})$ (dB);

Limit line = specific limits(dBμV) + distance extrapolation factor.

3.7.4.2. For 30 MHz ~ 1 GHz

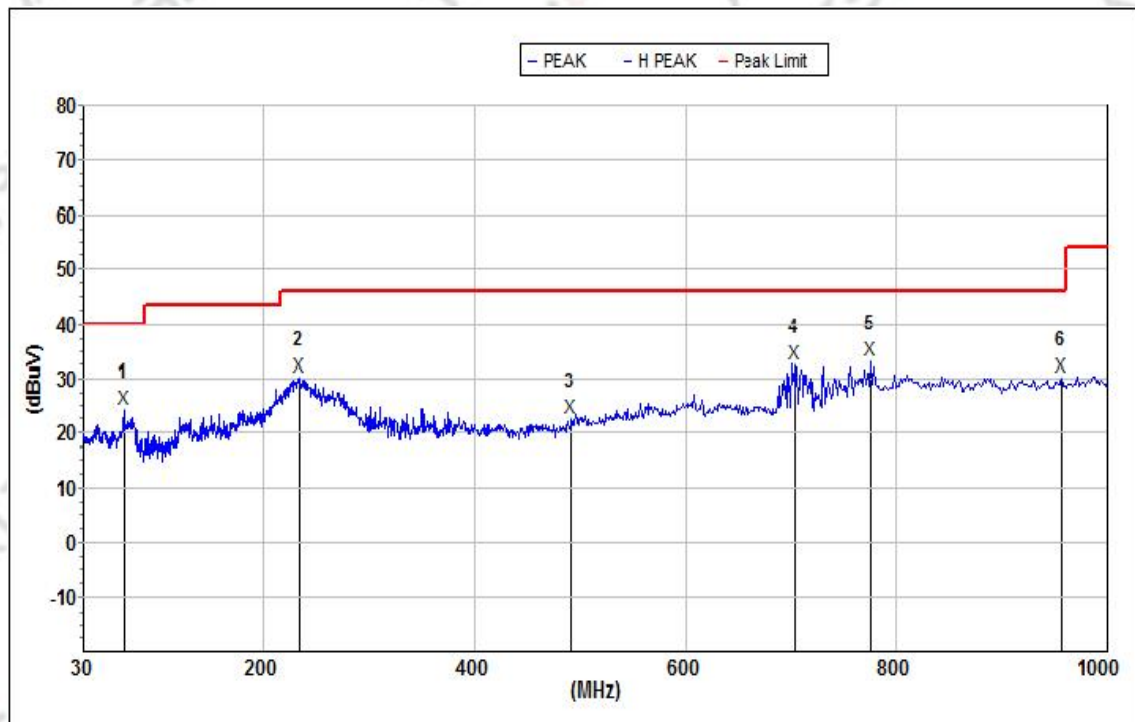
(30MHz-1000MHz)

Temperature:	23.4°C	Relative Humidity:	55%RH
Test Voltage:	DC 24V	Phase:	Horizontal
Test Mode:	TX Mode 1		

Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 1 Horizontal



Mk.	Freq. (MHz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	67.794	24.4	40.0	15.6	293	100	16.8	29.4	1.1	H
2	234.579	30.3	46.0	15.7	3	200	17.0	32.6	1.9	H
3	491.606	22.9	46.0	23.1	293	300	23.3	32.5	2.7	H
4	702.992	32.6	46.0	13.4	51	200	26.8	33.8	3.2	H
5	775.517	33.2	46.0	12.8	131	200	28.1	32.1	3.4	H
6	955.438	30.3	46.0	15.7	84	300	29.5	33.3	3.7	H

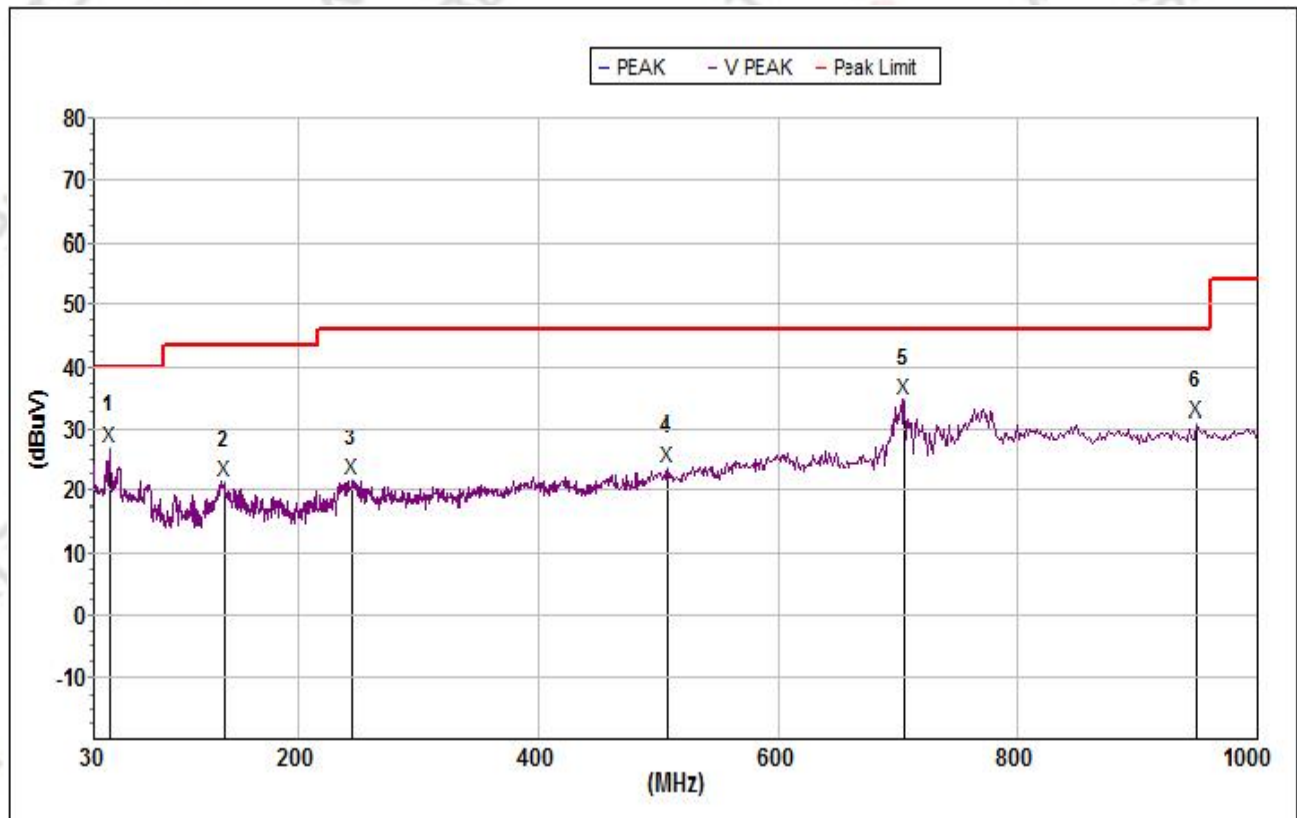
(30MHz -1000MHz)

Temperature:	23.4°C	Relative Humidity:	55%RH
Test Voltage:	DC 24V	Phase:	Vertical
Test Mode:	TX Mode 1		

Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 1 Vertical



Mk.	Freq. (MHz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	43.050	26.9	40.0	13.1	256	100	19.2	29.7	0.9	V
2	138.630	21.6	43.5	21.9	47	200	18.2	33.1	1.5	V
3	245.951	21.9	46.0	24.1	95	100	17.4	32.4	2.0	V
4	508.258	23.9	46.0	22.1	175	300	23.6	32.2	2.7	V
5	705.462	34.6	46.0	11.4	321	200	26.8	33.8	3.2	V
6	948.761	30.9	46.0	15.1	241	100	29.4	33.2	3.7	V

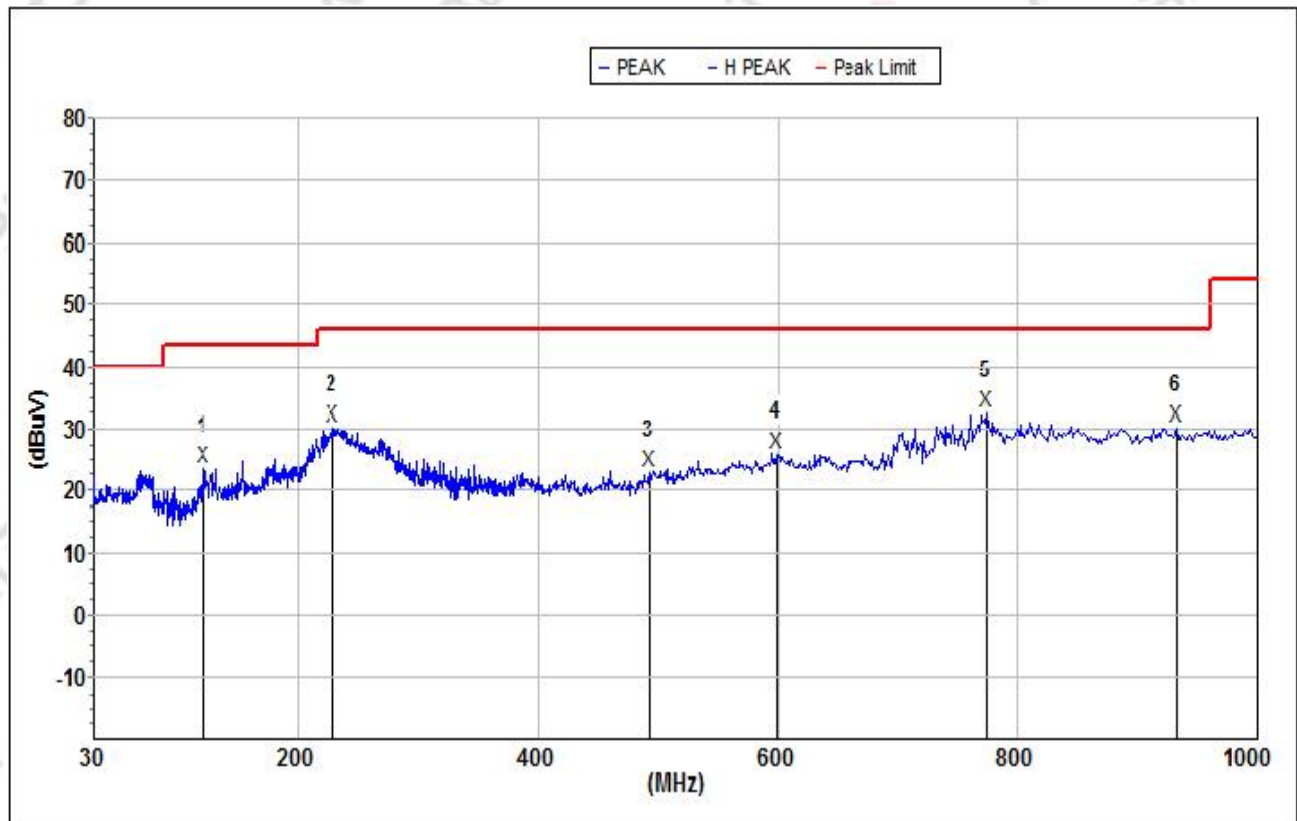
(30MHz -1000MHz)

Temperature:	23.4°C	Relative Humidity:	55%RH
Test Voltage:	DC 24V	Phase:	Horizontal
Test Mode:	TX Mode 3		

Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 3 Horizontal



Mk.	Freq. (MHz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	121.976	23.8	43.5	19.7	84	200	16.7	32.3	1.4	H
2	229.695	30.4	46.0	15.6	359	300	16.8	32.7	1.9	H
3	492.469	23.2	46.0	22.8	212	200	23.3	32.4	2.7	H
4	599.321	26.2	46.0	19.8	179	100	26.0	32.3	3.0	H
5	774.158	32.7	46.0	13.3	36	300	28.0	32.1	3.3	H
6	932.272	30.2	46.0	15.8	278	100	29.3	33.1	3.7	H

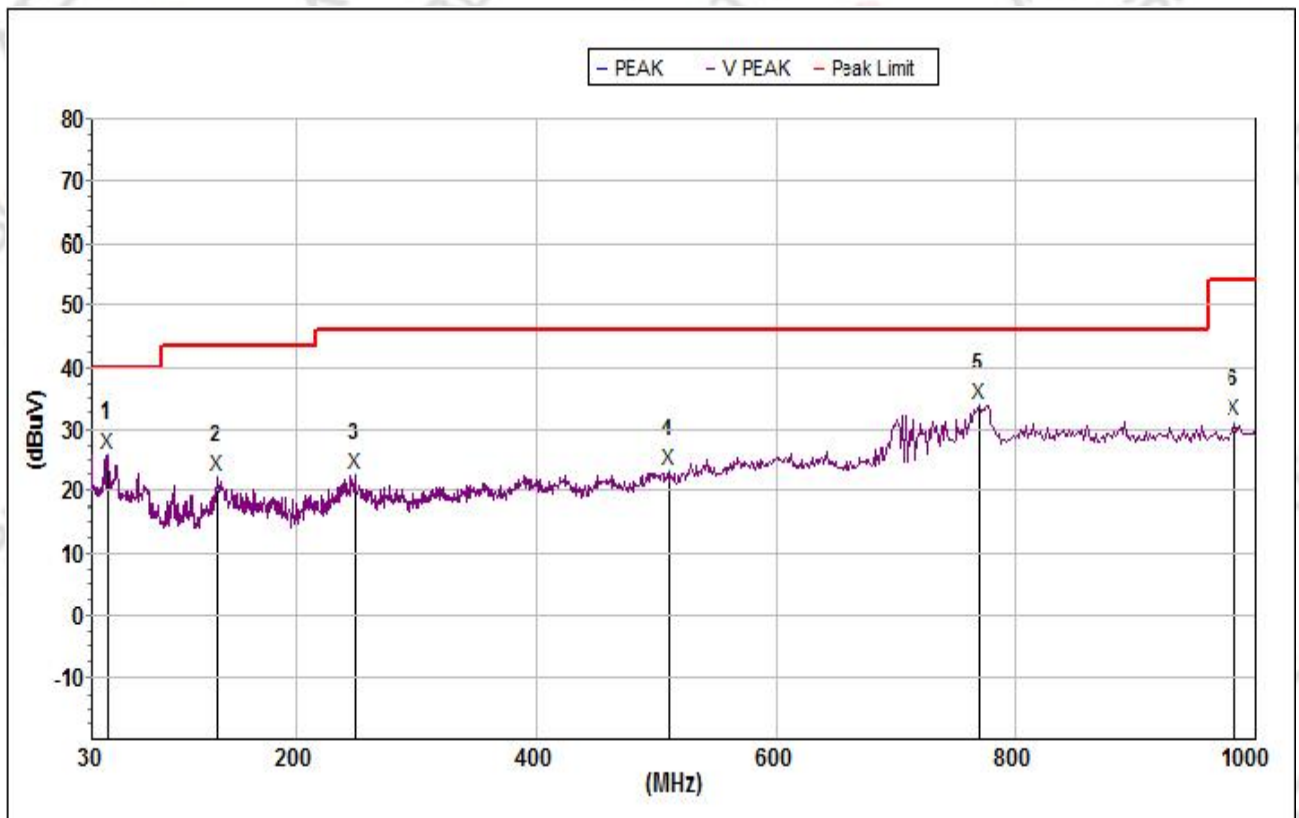
(30MHz -1000MHz)

Temperature:	23.4°C	Relative Humidity:	55%RH
Test Voltage:	DC 24V	Phase:	Vertical
Test Mode:	TX Mode 3		

Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 3 Vertical



Mk.	Freq. (MHz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	42.900	26.0	40.0	14.0	345	300	19.2	29.7	0.9	V
2	135.032	22.3	43.5	21.2	49	200	17.9	32.9	1.5	V
3	248.988	22.6	46.0	23.4	98	300	17.6	32.3	2.0	V
4	510.044	23.4	46.0	22.6	301	200	23.7	32.2	2.7	V
5	770.097	33.8	46.0	12.2	358	200	28.0	32.2	3.3	V
6	982.620	31.2	54.0	22.8	3	200	29.7	33.5	3.8	V

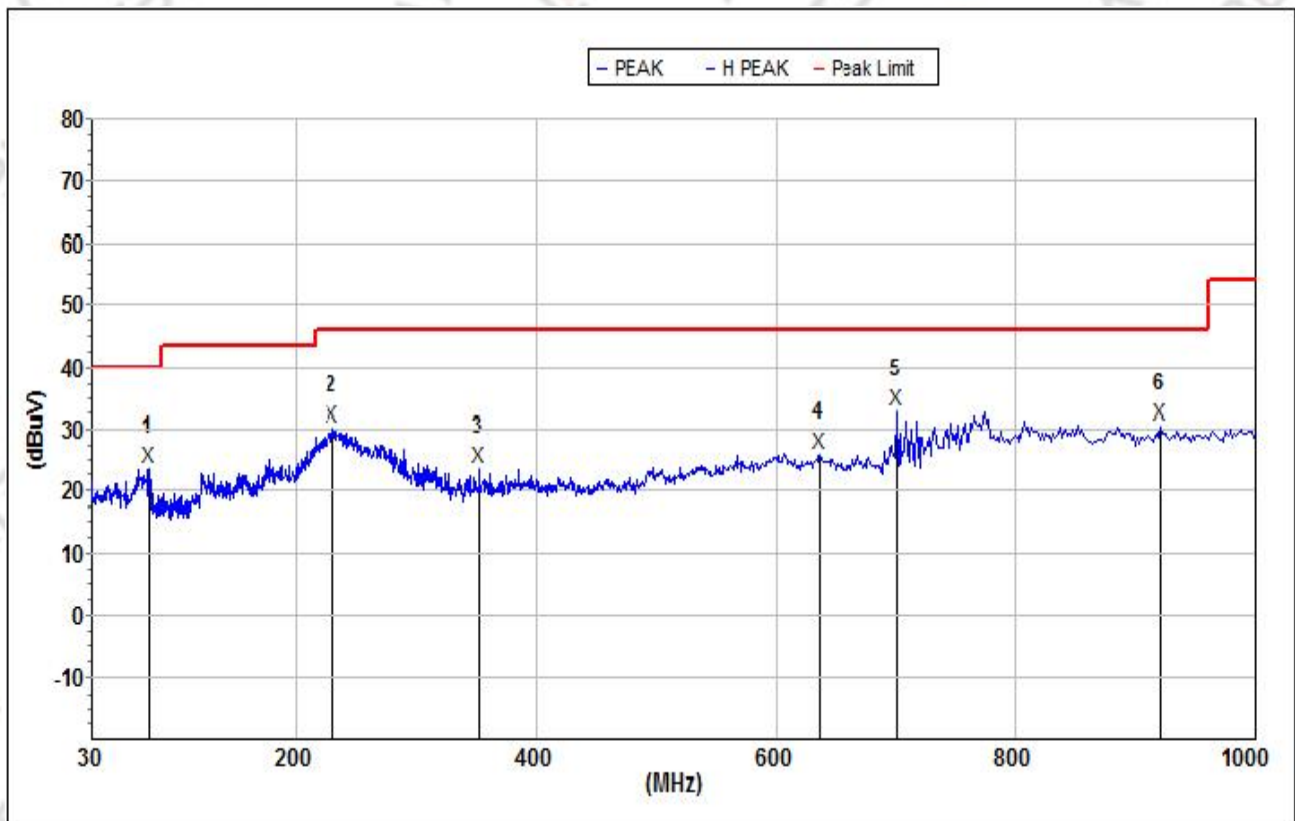
(30MHz -1000MHz)

Temperature:	23.4°C	Relative Humidity:	55%RH
Test Voltage:	DC 24V	Phase:	Horizontal
Test Mode:	TX Mode 4		

Remark:

1. Margin = Result (Result =Reading + Factor)–Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 4 Horizontal



Mk.	Freq. (MHz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	76.512	23.7	40.0	16.3	184	200	15.4	29.2	1.2	H
2	230.907	30.2	46.0	15.8	0	300	16.9	32.7	1.9	H
3	352.943	23.6	46.0	22.4	88	300	20.3	32.5	2.3	H
4	636.134	26.2	46.0	19.8	357	200	26.3	32.9	3.1	H
5	700.532	32.8	46.0	13.2	24	300	26.7	33.9	3.2	H
6	920.900	30.6	46.0	15.4	184	400	29.2	33.0	3.6	H

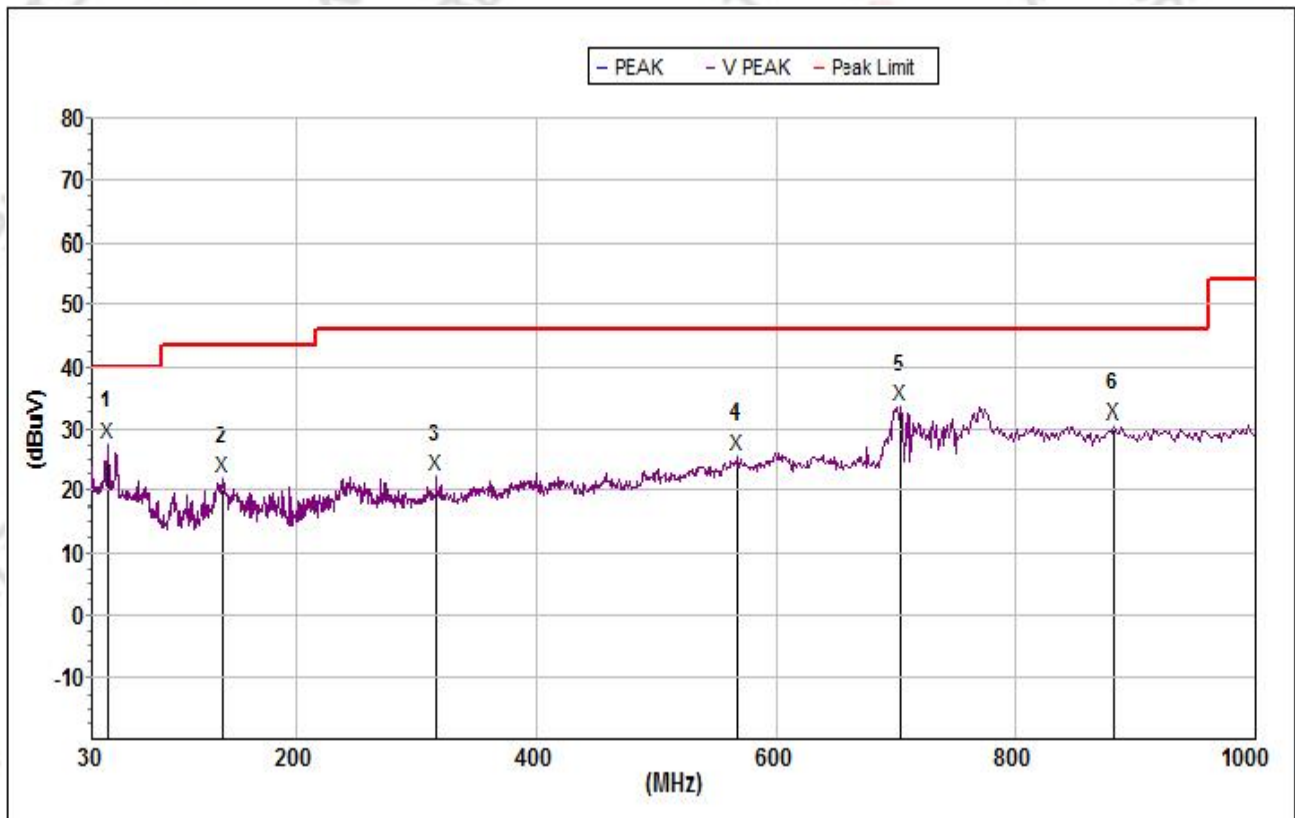
(30MHz -1000MHz)

Temperature:	23.4°C	Relative Humidity:	55%RH
Test Voltage:	DC 24V	Phase:	Vertical
Test Mode:	TX Mode 4		

Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 4 Vertical



Mk.	Freq. (MHz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	43.050	27.7	40.0	12.3	292	100	19.2	29.7	0.9	V
2	139.606	22.1	43.5	21.4	65	300	18.3	33.1	1.5	V
3	316.034	22.3	46.0	23.7	0	400	19.5	32.1	2.2	V
4	568.613	25.7	46.0	20.3	98	200	25.2	32.3	2.9	V
5	704.226	33.5	46.0	12.5	324	200	26.8	33.8	3.2	V
6	881.407	30.5	46.0	15.5	0	300	28.9	32.6	3.6	V

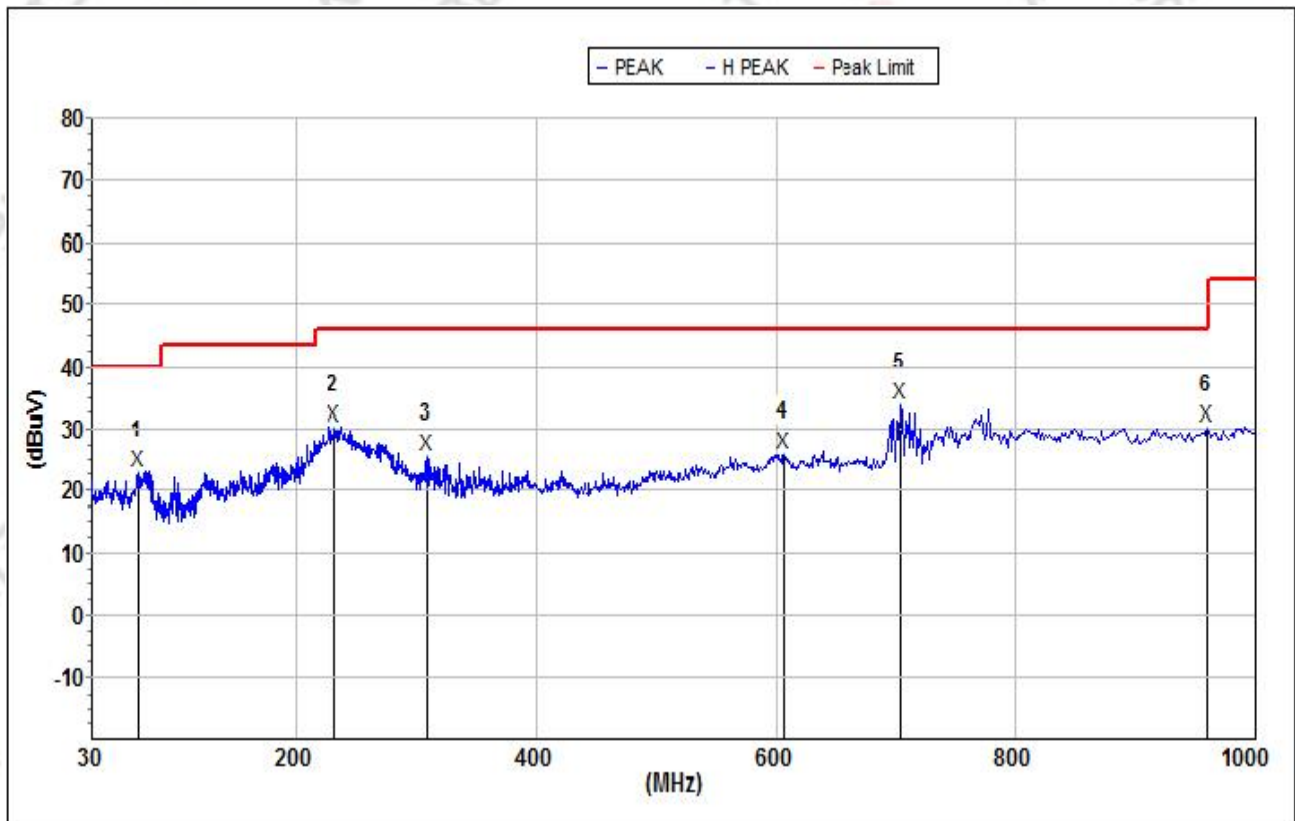
(30MHz -1000MHz)

Temperature:	23.4°C	Relative Humidity:	55%RH
Test Voltage:	DC 24V	Phase:	Horizontal
Test Mode:	TX Mode 6		

Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 6 Horizontal



Mk.	Freq. (MHz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	67.794	23.1	40.0	16.9	293	200	16.8	29.4	1.1	H
2	232.125	30.4	46.0	15.6	4	100	16.9	32.7	1.9	H
3	308.371	25.7	46.0	20.3	117	300	19.4	32.0	2.1	H
4	606.722	26.1	46.0	19.9	308	200	26.0	32.4	3.0	H
5	702.992	33.8	46.0	12.2	51	300	26.8	33.8	3.2	H
6	958.794	30.3	46.0	15.7	348	100	29.5	33.3	3.7	H

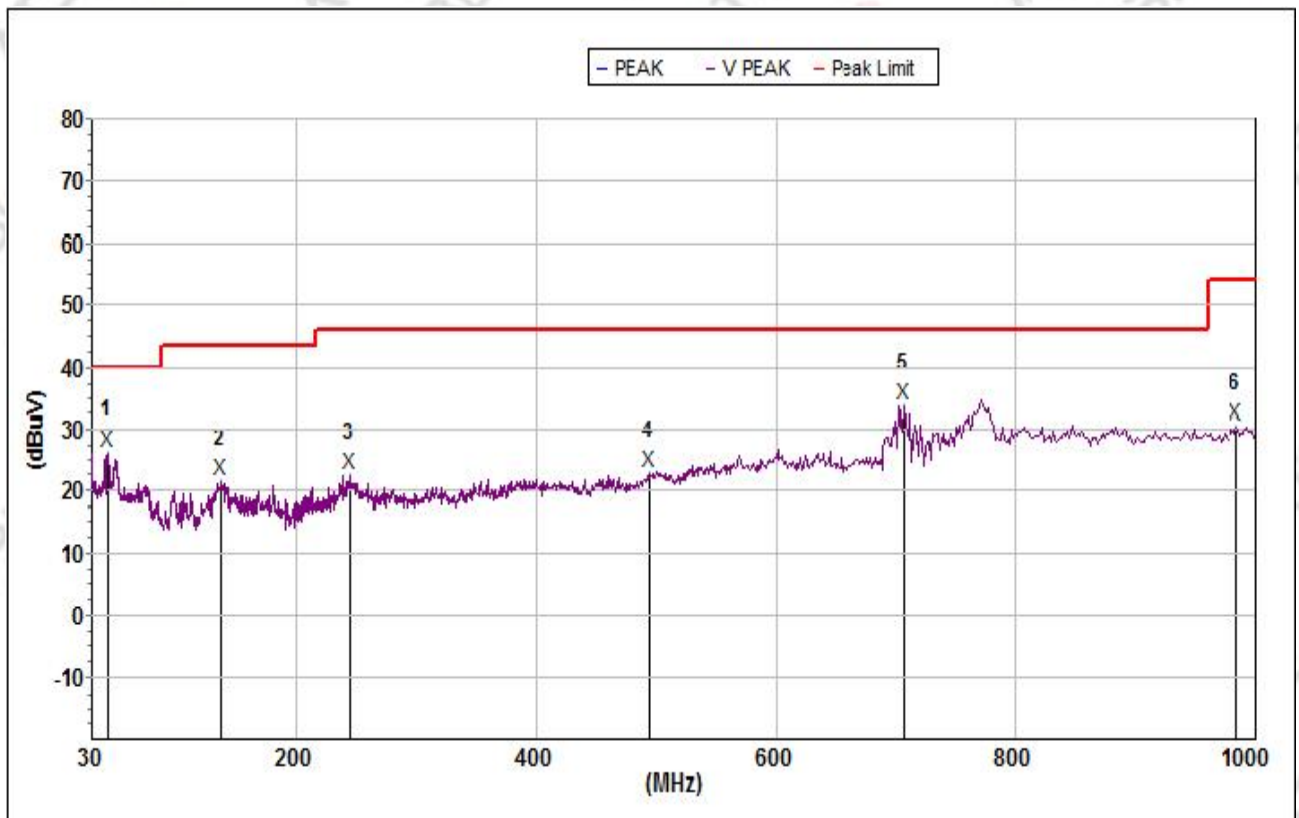
(30MHz -1000MHz)

Temperature:	23.4°C	Relative Humidity:	55%RH
Test Voltage:	DC 24V	Phase:	Vertical
Test Mode:	TX Mode 6		

Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 6 Vertical



Mk.	Freq. (MHz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	43.506	26.5	40.0	13.5	36	200	19.2	29.7	0.9	V
2	137.661	21.7	43.5	21.8	22	200	18.1	33.0	1.5	V
3	244.661	22.6	46.0	23.4	83	300	17.4	32.4	2.0	V
4	494.198	23.0	46.0	23.0	260	400	23.3	32.4	2.7	V
5	706.700	34.1	46.0	11.9	336	100	26.8	33.7	3.2	V
6	984.344	30.8	54.0	23.2	360	300	29.8	33.6	3.8	V

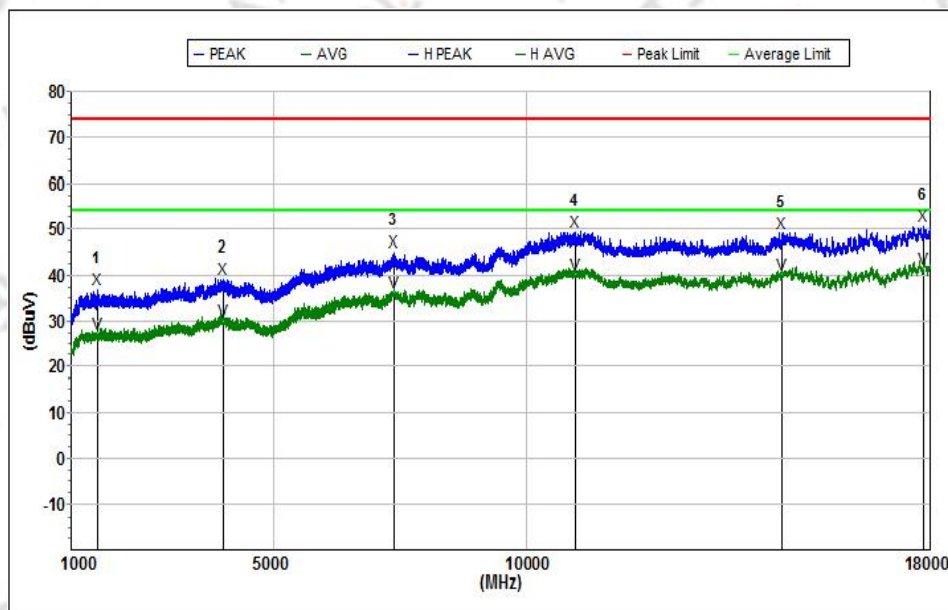
3.7.4.3. For 1 GHz ~ 18GHz (1000MHz-18000MHz)

Temperature:	22.3°C	Relative Humidity:	51%RH
Test Voltage:	DC 24V	Phase:	Horizontal
Test Mode:	TX Mode 1		

Remark:

- Margin = Result (Result =Reading + Factor)-Limit
- Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 1 Horizontal



Mk.	Freq.(MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	1524.450	36.9	74.0	37.1	176	200	25.4	58.4	4.7	H
2	3990.300	39.3	74.0	34.7	29	100	30.9	58.0	7.2	H
3	7369.900	45.1	74.0	28.9	60	200	36.2	58.7	10.2	H
4	10972.200	49.4	74.0	24.6	220	200	38.6	58.3	11.7	H
5	15046.250	49.2	74.0	24.8	264	300	39.1	58.3	12.7	H
6	17881.000	50.7	74.0	23.3	110	100	42.9	59.8	16.6	H
Avg										
1	1524.450	27.5	54.0	26.5	176	200	25.4	58.4	4.7	H
2	3990.300	30.1	54.0	23.9	29	100	30.9	58.0	7.2	H
3	7369.900	36.3	54.0	17.7	60	200	36.2	58.7	10.2	H
4	10972.200	40.1	54.0	13.9	220	200	38.6	58.3	11.7	H
5	15046.250	40.1	54.0	13.9	264	300	39.1	58.3	12.7	H
6	17881.000	41.4	54.0	12.6	110	100	42.9	59.8	16.6	H

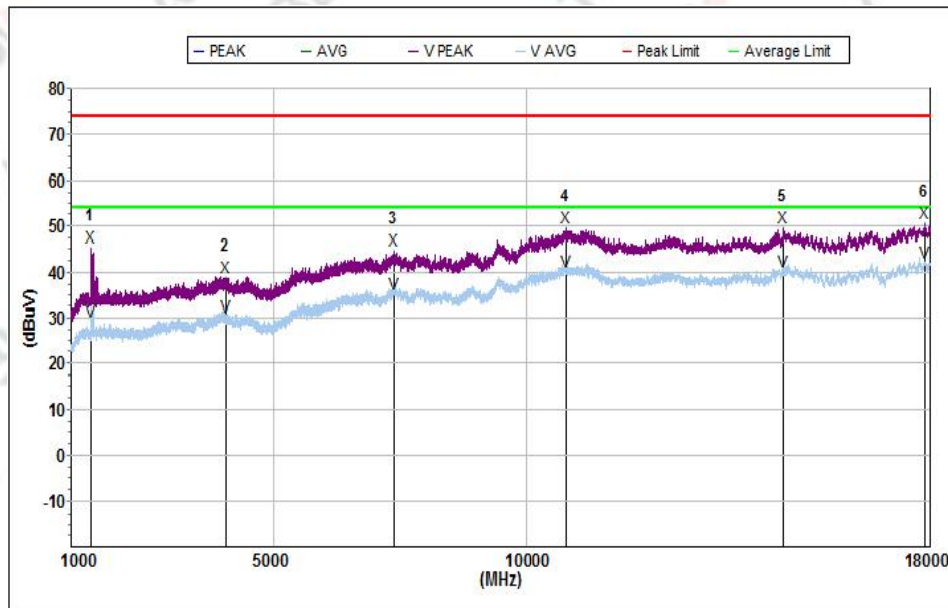
(1000MHz-18000MHz)

Temperature:	22.3°C	Relative Humidity:	51%RH
Test Voltage:	DC 24V	Phase:	Vertical
Test Mode:	TX Mode 1		

Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 1 Vertical



Mk.	Freq.(MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	1389.300	45.3	74.0	28.7	28	100	25.5	58.5	4.5	V
2	4045.550	38.9	74.0	35.1	177	200	31.0	58.1	7.3	V
3	7393.700	44.7	74.0	29.3	320	200	36.2	58.6	10.1	V
4	10780.100	49.6	74.0	24.4	176	100	38.6	58.7	11.5	V
5	15084.500	49.7	74.0	24.3	350	300	39.0	58.4	12.8	V
6	17897.150	50.6	74.0	23.4	244	300	42.9	59.8	16.6	V
Avg										
1	1389.300	29.2	54.0	24.8	28	100	25.5	58.5	4.5	V
2	4045.550	30.3	54.0	23.7	177	200	31.0	58.1	7.3	V
3	7393.700	35.4	54.0	18.6	320	200	36.2	58.6	10.1	V
4	10780.100	40.1	54.0	13.9	176	100	38.6	58.7	11.5	V
5	15084.500	40.2	54.0	13.8	350	300	39.0	58.4	12.8	V
6	17897.150	42.1	54.0	11.9	244	300	42.9	59.8	16.6	V

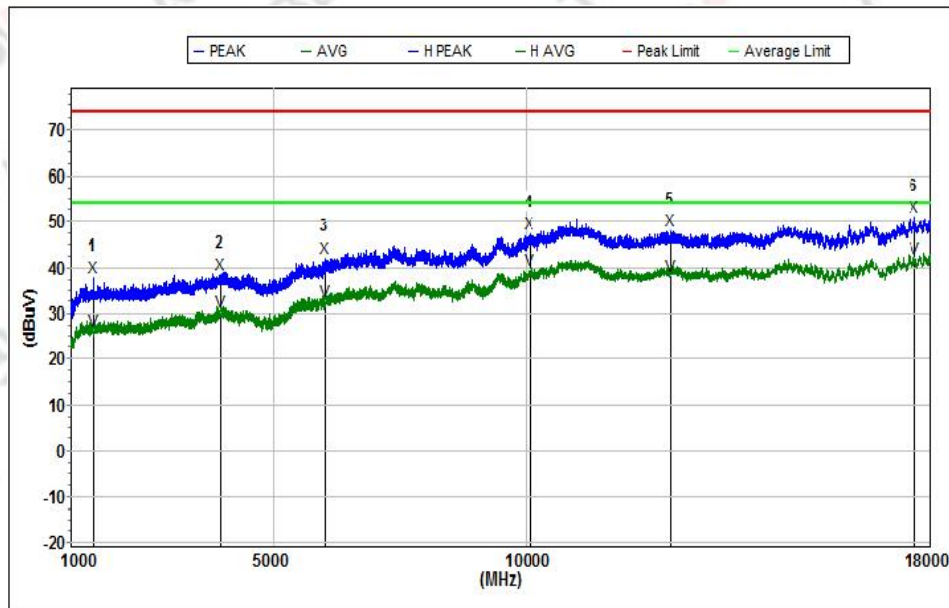
(1000MHz -18000MHz)

Temperature:	22.3°C	Relative Humidity:	51%RH
Test Voltage:	DC 24V	Phase:	Horizontal
Test Mode:	TX Mode 3		

Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 3 Horizontal



Mk.	Freq.(MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	1429.250	37.8	74.0	36.2	176	200	25.5	58.5	4.5	H
2	3951.200	38.7	74.0	35.3	102	100	30.8	58.0	7.2	H
3	6024.350	42.1	74.0	31.9	350	200	34.2	59.6	8.7	H
4	10064.400	47.4	74.0	26.6	220	300	38.4	60.4	10.8	H
5	12868.550	48.0	74.0	26.0	250	100	39.6	58.4	12.3	H
6	17679.550	50.9	74.0	23.1	135	100	42.0	60.1	16.5	H
Avg										
1	1429.250	26.5	54.0	27.5	176	200	25.5	58.5	4.5	H
2	3951.200	30.3	54.0	23.7	102	100	30.8	58.0	7.2	H
3	6024.350	32.7	54.0	21.3	350	200	34.2	59.6	8.7	H
4	10064.400	39.4	54.0	14.6	220	300	38.4	60.4	10.8	H
5	12868.550	38.3	54.0	15.7	250	100	39.6	58.4	12.3	H
6	17679.550	42.1	54.0	11.9	135	100	42.0	60.1	16.5	H

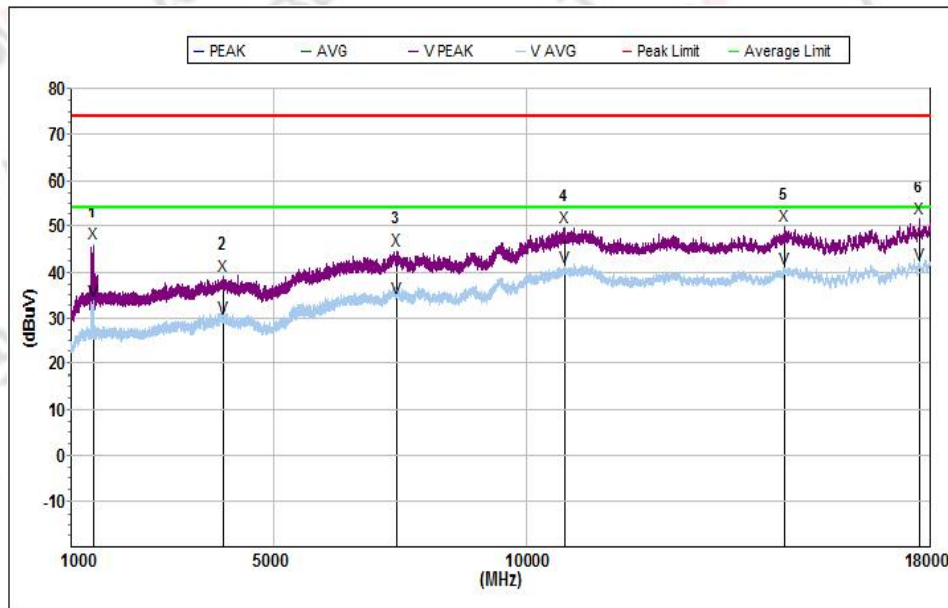
(1000MHz -18000MHz)

Temperature:	22.3°C	Relative Humidity:	51%RH
Test Voltage:	DC 24V	Phase:	Vertical
Test Mode:	TX Mode 3		

Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 3 Vertical



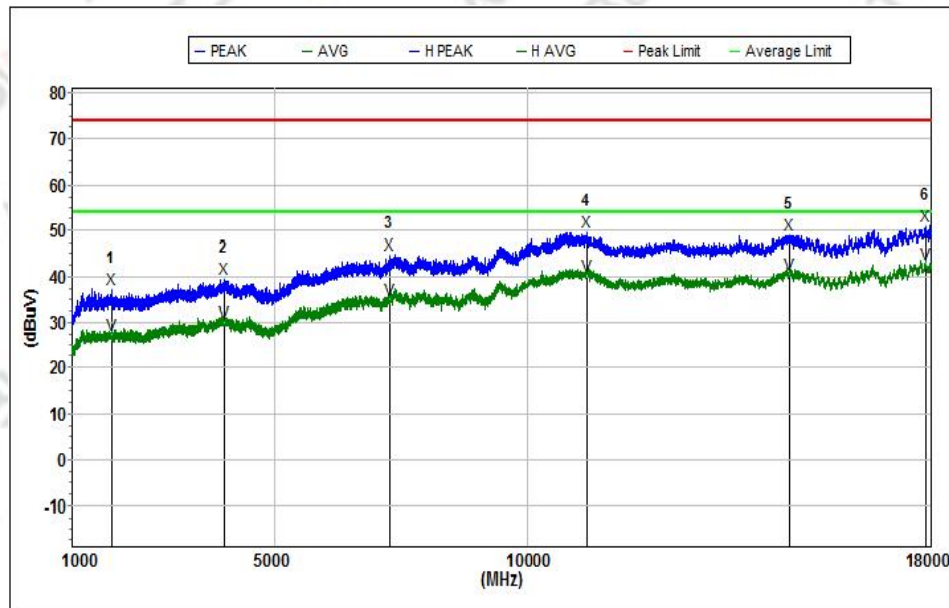
Mk.	Freq.(MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	1431.800	46.0	74.0	28.0	360	100	25.5	58.5	4.5	V
2	4006.450	39.3	74.0	34.7	181	200	30.9	58.0	7.2	V
3	7426.000	44.9	74.0	29.1	105	200	36.3	58.5	10.1	V
4	10768.200	49.7	74.0	24.3	105	300	38.6	58.8	11.5	V
5	15106.600	50.0	74.0	24.0	332	300	39.0	58.4	12.8	V
6	17790.050	51.6	74.0	22.4	360	300	42.5	59.9	16.6	V
Avg										
1	1431.800	33.6	54.0	20.4	360	100	25.5	58.5	4.5	V
2	4006.450	30.0	54.0	24.0	181	200	30.9	58.0	7.2	V
3	7426.000	34.4	54.0	19.6	105	200	36.3	58.5	10.1	V
4	10768.200	41.1	54.0	12.9	105	300	38.6	58.8	11.5	V
5	15106.600	40.7	54.0	13.3	332	300	39.0	58.4	12.8	V
6	17790.050	42.0	54.0	12.0	360	300	42.5	59.9	16.6	V

Temperature:	22.3°C	Relative Humidity:	51%RH
Test Voltage:	DC 24V	Phase:	Horizontal
Test Mode:	TX Mode 4		

Remark:

1. Margin = Result (Result = Reading + Factor) – Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 4 Horizontal



Mk.	Freq.(MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	1776.050	37.3	74.0	36.7	250	100	25.1	58.0	5.0	H
2	3987.750	39.4	74.0	34.6	31	100	30.9	58.0	7.2	H
3	7276.400	44.8	74.0	29.2	10	300	36.2	59.2	10.3	H
4	11189.800	49.7	74.0	24.3	154	200	38.7	58.6	11.9	H
5	15189.900	49.2	74.0	24.8	0	100	39.0	58.6	13.0	H
6	17898.000	51.1	74.0	22.9	360	100	43.0	59.8	16.6	H
Avg										
1	1776.050	27.3	54.0	26.7	250	100	25.1	58.0	5.0	H
2	3987.750	30.1	54.0	23.9	31	100	30.9	58.0	7.2	H
3	7276.400	34.9	54.0	19.1	10	300	36.2	59.2	10.3	H
4	11189.800	40.1	54.0	13.9	154	200	38.7	58.6	11.9	H
5	15189.900	40.5	54.0	13.5	0	100	39.0	58.6	13.0	H
6	17898.000	42.9	54.0	11.1	360	100	43.0	59.8	16.6	H

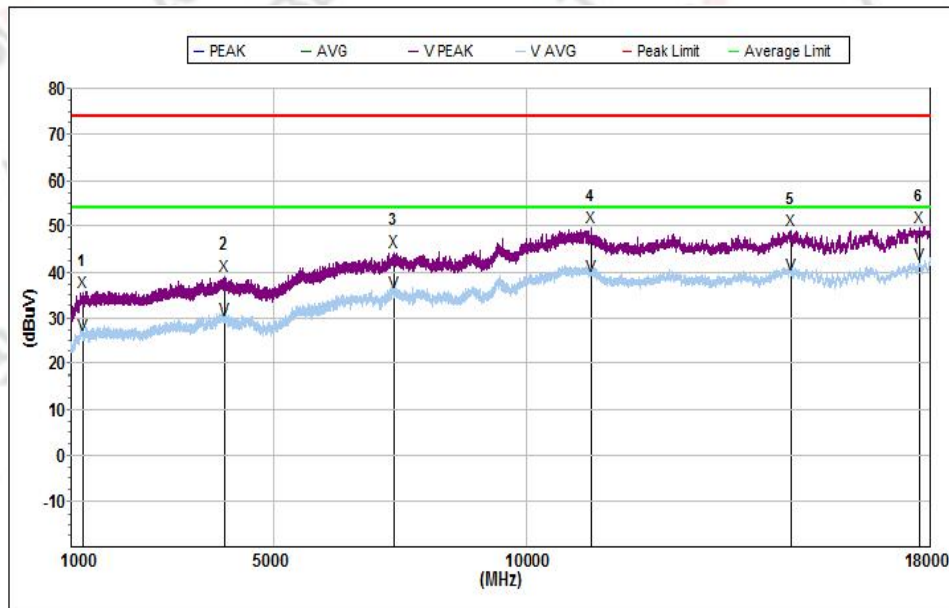
(1000MHz-18000MHz)

Temperature:	22.3°C	Relative Humidity:	51%RH
Test Voltage:	DC 24V	Phase:	Vertical
Test Mode:	TX Mode 4		

Remark:

1. Margin = Result (Result = Reading + Factor) - Limit
2. Factor = Antenna factor + Cable attenuation factor (cable loss) - Amplifier gain

Mode 4 Vertical



Mk.	Freq.(MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	1221.000	35.7	74.0	38.3	184	200	25.7	58.1	4.3	V
2	4029.400	39.3	74.0	34.7	0	100	30.9	58.1	7.2	V
3	7374.150	44.6	74.0	29.4	94	200	36.2	58.7	10.2	V
4	11293.500	49.7	74.0	24.3	203	300	38.7	58.8	12.0	V
5	15239.200	49.0	74.0	25.0	189	300	38.9	58.7	13.1	V
6	17802.800	49.8	74.0	24.2	127	100	42.5	59.9	16.6	V
Avg										
1	1221.000	26.4	54.0	27.6	184	200	25.7	58.1	4.3	V
2	4029.400	29.8	54.0	24.2	0	100	30.9	58.1	7.2	V
3	7374.150	35.7	54.0	18.3	94	200	36.2	58.7	10.2	V
4	11293.500	39.3	54.0	14.7	203	300	38.7	58.8	12.0	V
5	15239.200	39.5	54.0	14.5	189	300	38.9	58.7	13.1	V
6	17802.800	41.9	54.0	12.1	127	100	42.5	59.9	16.6	V

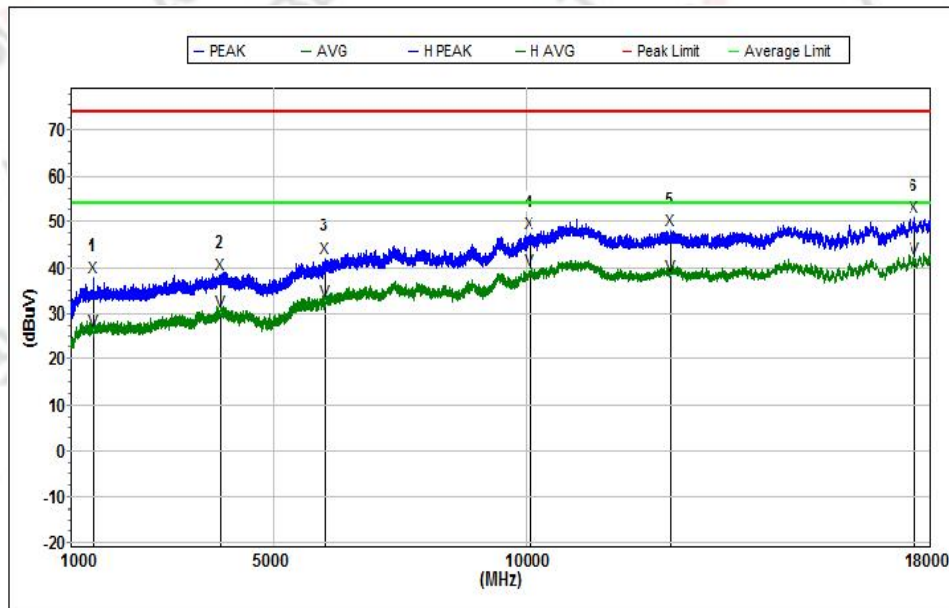
(1000MHz -18000MHz)

Temperature:	22.3°C	Relative Humidity:	51%RH
Test Voltage:	DC 24V	Phase:	Horizontal
Test Mode:	TX Mode 6		

Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 6 Horizontal



Mk.	Freq.(MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	1442.850	36.4	74.0	37.6	176	200	25.5	58.5	4.6	H
2	3576.350	38.4	74.0	35.6	102	300	29.7	58.2	6.9	H
3	7375.850	44.6	74.0	29.4	145	300	36.2	58.7	10.1	H
4	10876.150	50.4	74.0	23.6	243	100	38.6	58.5	11.6	H
5	14198.800	48.3	74.0	25.7	359	200	39.7	59.6	12.3	H
6	17686.350	50.7	74.0	23.3	211	300	42.0	60.0	16.5	H
Avg										
1	1442.850	26.2	54.0	27.8	176	200	25.5	58.5	4.6	H
2	3576.350	29.8	54.0	24.2	102	300	29.7	58.2	6.9	H
3	7375.850	36.0	54.0	18.0	145	300	36.2	58.7	10.1	H
4	10876.150	41.4	54.0	12.6	243	100	38.6	58.5	11.6	H
5	14198.800	39.3	54.0	14.7	359	200	39.7	59.6	12.3	H
6	17686.350	42.9	54.0	11.1	211	300	42.0	60.0	16.5	H

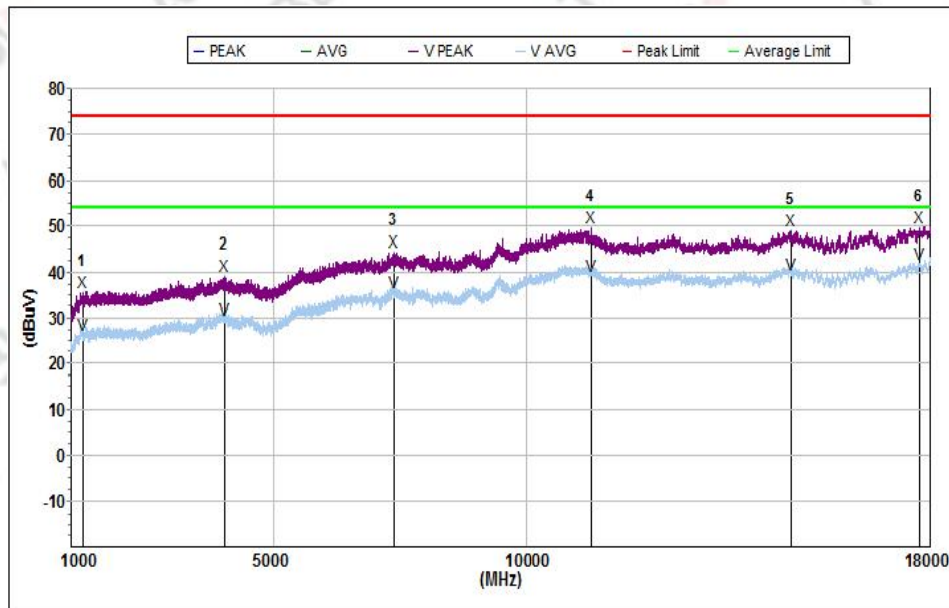
(1000MHz -18000MHz)

Temperature:	22.3°C	Relative Humidity:	51%RH
Test Voltage:	DC 24V	Phase:	Vertical
Test Mode:	TX Mode 6		

Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain

Mode 6 Vertical



Mk.	Freq.(MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:										
1	1218.450	36.0	74.0	38.0	100	200	25.7	58.1	4.3	V
2	3992.850	39.3	74.0	34.7	250	300	30.9	58.0	7.2	V
3	6831.000	44.0	74.0	30.0	173	300	35.8	59.9	10.1	V
4	10716.350	50.2	74.0	23.8	0	200	38.6	58.9	11.5	V
5	15208.600	49.2	74.0	24.8	325	100	39.0	58.6	13.0	V
6	17791.750	50.3	74.0	23.7	100	100	42.5	59.9	16.6	V
Avg										
1	1218.450	26.4	54.0	27.6	100	200	25.7	58.1	4.3	V
2	3992.850	30.3	54.0	23.7	250	300	30.9	58.0	7.2	V
3	6831.000	34.6	54.0	19.4	173	300	35.8	59.9	10.1	V
4	10716.350	39.7	54.0	14.3	0	200	38.6	58.9	11.5	V
5	15208.600	40.5	54.0	13.5	325	100	39.0	58.6	13.0	V
6	17791.750	41.5	54.0	12.5	100	100	42.5	59.9	16.6	V

Note:

1. All TX Mode, the worst case is mode1&3&4&6, only show the worst case.

3.7.4.4. For above 18GHz

(above 18GHz)

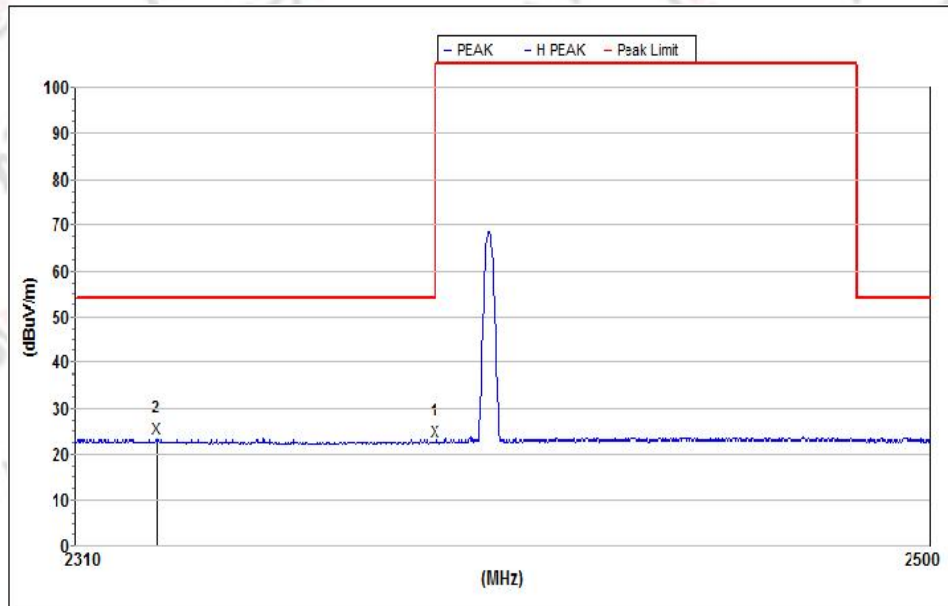
Temperature:	22.3°C	Relative Humidity:	51%
Test Voltage:	DC 24V	Test Mode:	TX Mode

Note:

1. Other 18G-25G Emission detected are more than 20dB below the limit.

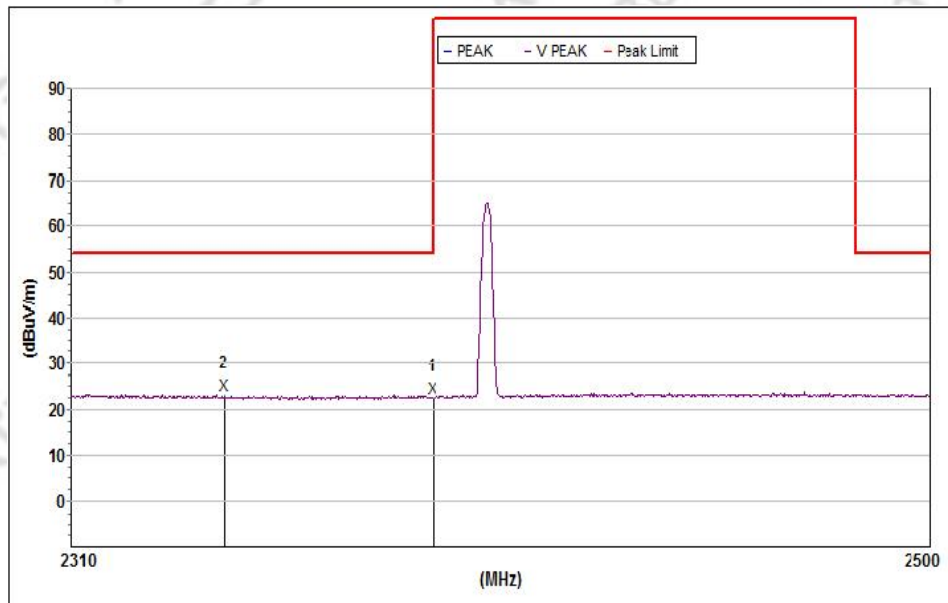
3.7.5 Test Result of Restricted Band

GFSK-Low Mode 1 Horizontal



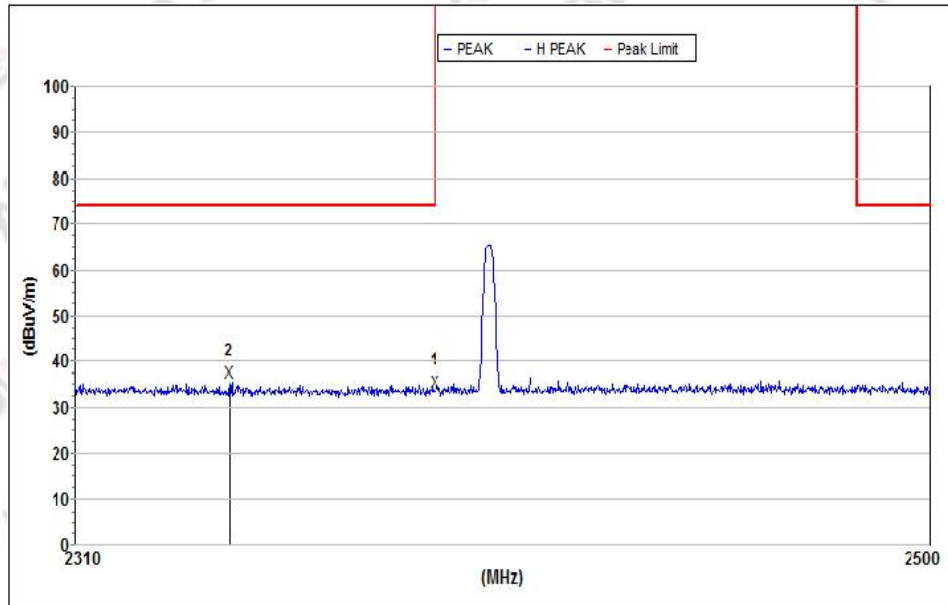
Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg										
1	2390.000	22.7	54.0	31.3	343	200	27.4	59.6	5.7	H
2	2328.331	23.2	54.0	30.8	27	300	27.2	59.5	5.6	H

Mode 1 Vertical



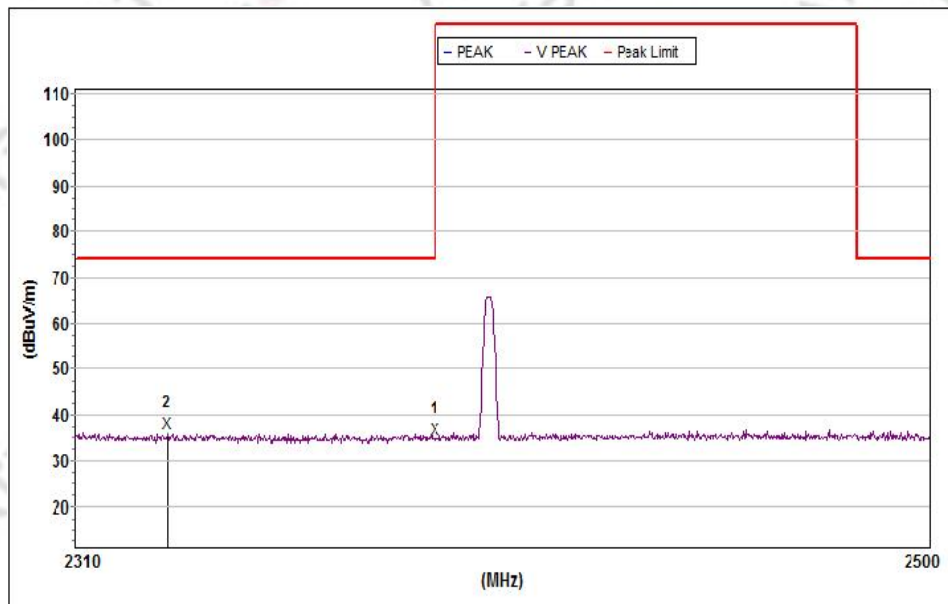
Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg										
1	2390.000	22.7	54.0	31.3	132	200	27.4	59.6	5.7	0.0
2	2343.842	23.2	54.0	30.8	311	300	27.3	59.5	5.7	0.0

GFSK-Low Mode 1 Horizontal



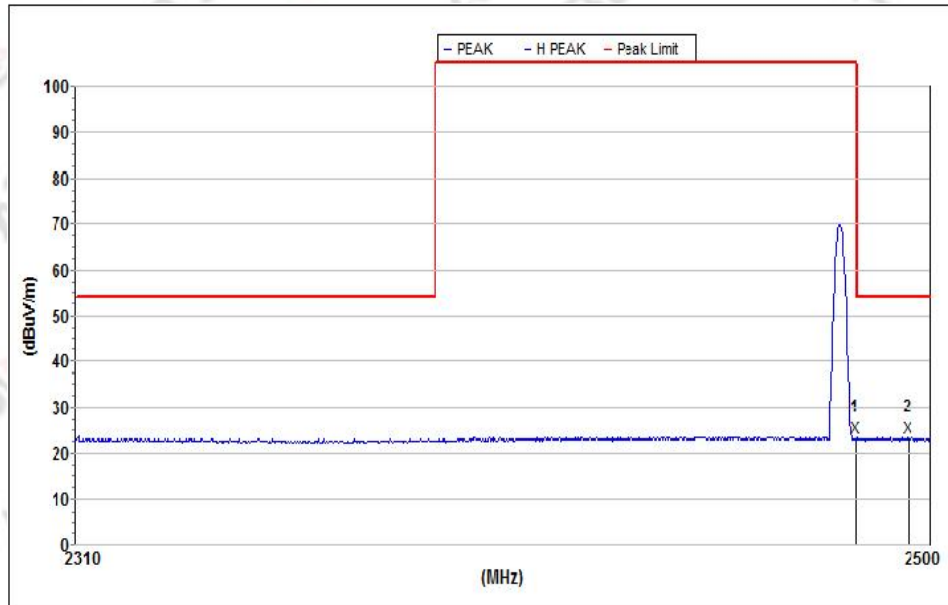
Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak										
1	2390.000	33.4	74.0	40.6	0	200	27.4	59.6	5.7	H
2	2344.213	35.5	74.0	38.5	128	300	27.3	59.5	5.6	H

Mode 1 Vertical



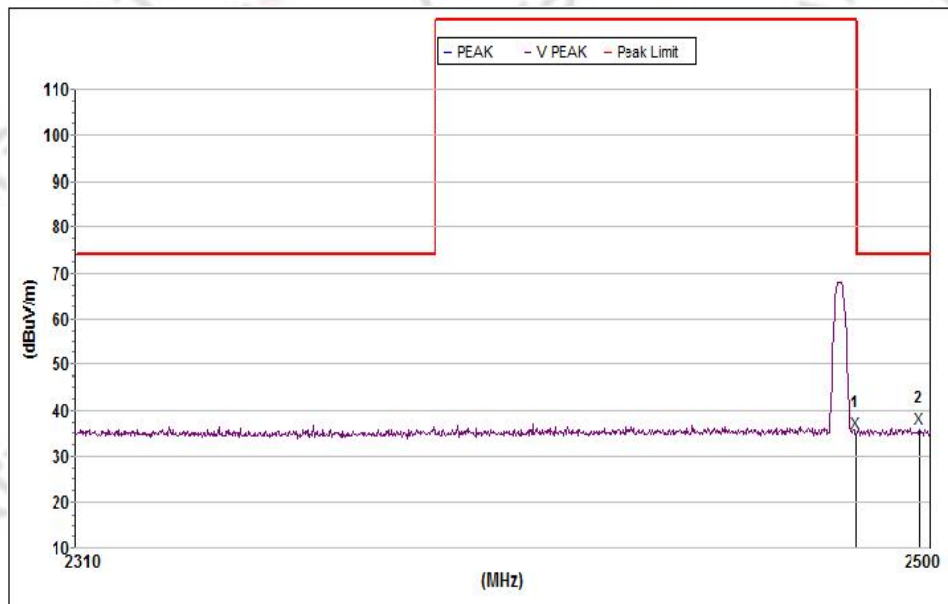
Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak										
1	2390.000	34.6	74.0	39.4	274	200	27.4	59.6	5.7	V
2	2330.725	36.1	74.0	37.9	144	300	27.2	59.5	5.6	V

GFSK-High Mode 3 Horizontal



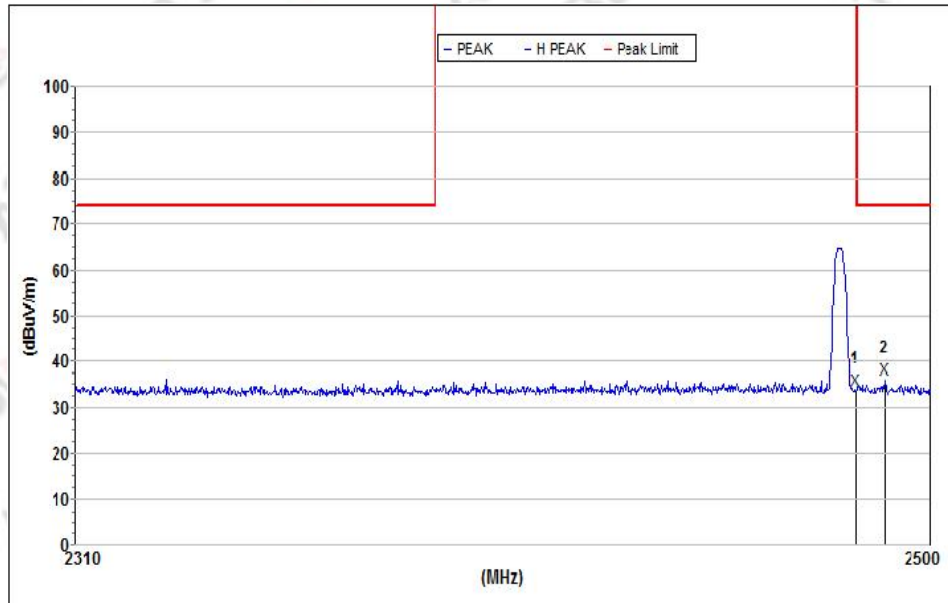
Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg										
1	2483.501	23.3	54.0	30.7	265	200	27.6	59.7	5.8	H
2	2495.065	23.4	54.0	30.6	324	100	27.6	59.7	5.8	H

Mode 3 Vertical



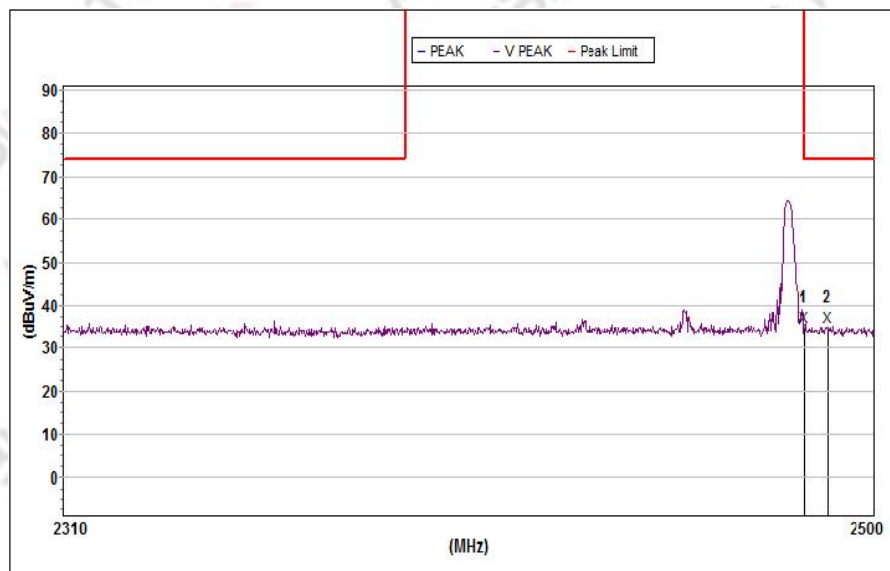
Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg										
1	2483.501	23.2	54.0	30.8	275	200	27.6	59.7	5.8	V
2	2486.795	23.4	54.0	30.6	1	300	27.6	59.7	5.8	V

GFSK- High Mode 3 Horizontal



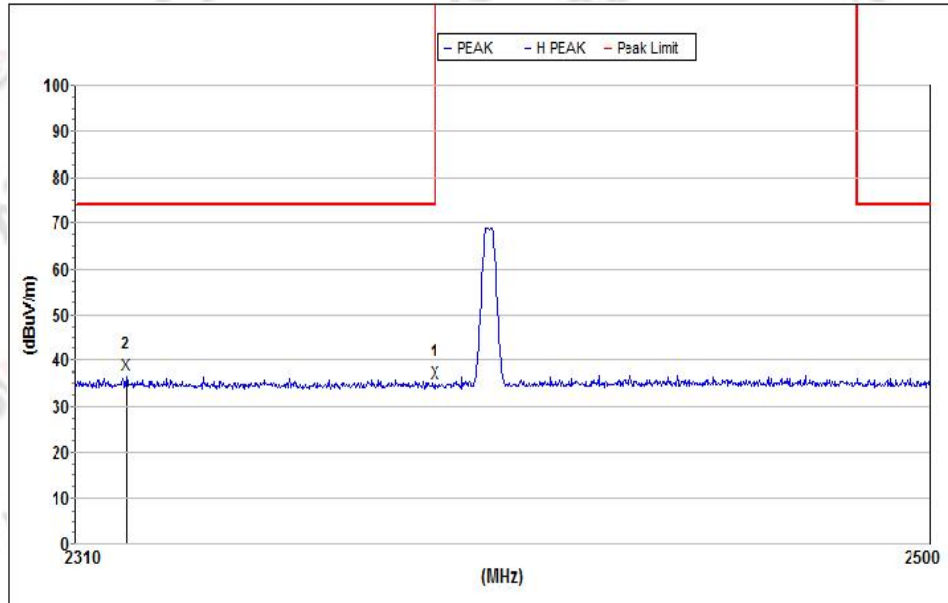
Mk.	Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak										
1	2483.501	34.0	74.0	40.0	60	200	27.6	59.7	5.8	H
2	2489.942	36.2	74.0	37.8	245	100	27.6	59.7	5.8	H

Mode 3 Vertical



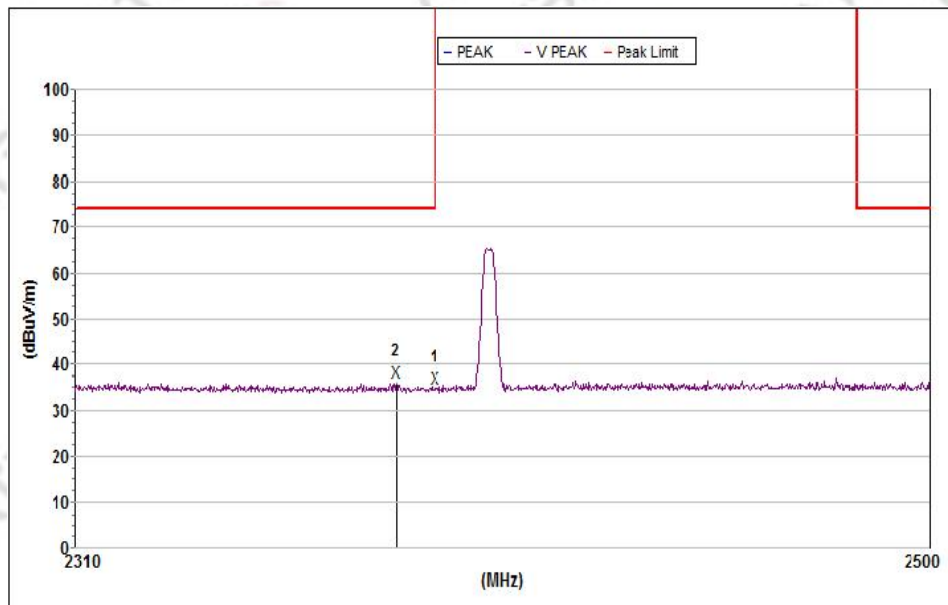
Mk.	Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak										
1	2483.501	35.0	74.0	39.0	286	200	27.6	59.7	5.8	V
2	2497.630	36.1	74.0	37.9	36	300	27.6	59.7	5.8	V

GFSK-Low Mode 4 Horizontal



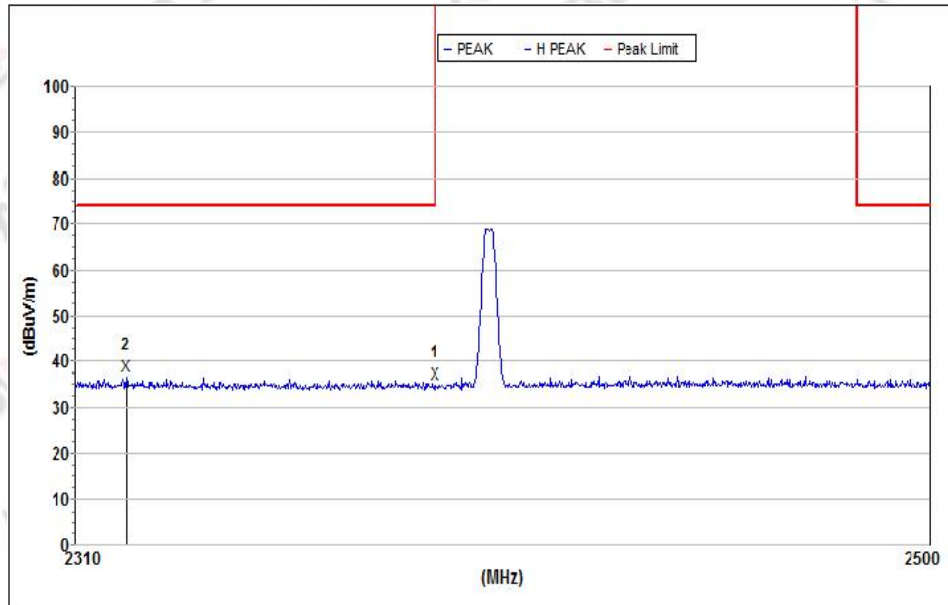
Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg										
1	2390.000	22.5	54.0	31.5	1	200	27.4	59.6	5.7	H
2	2316.583	23.3	54.0	30.7	360	100	27.2	59.5	5.6	H

Mode 4 Vertical



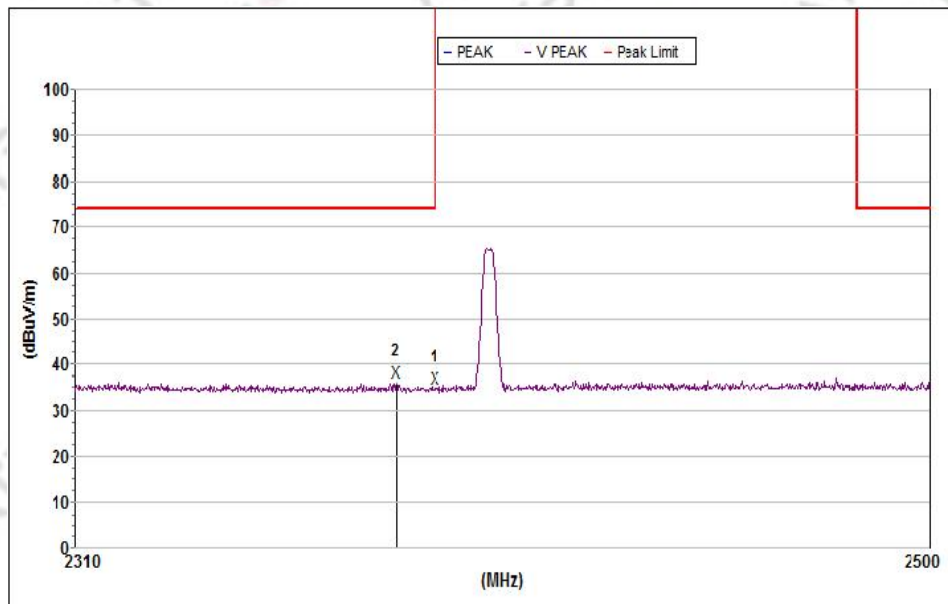
Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg										
1	2390.000	22.6	54.0	31.4	313	200	27.4	59.6	5.7	0.0
2	2364.123	23.0	54.0	31.0	325	300	27.3	59.6	5.7	0.0

GFSK-Low Mode 4 Horizontal



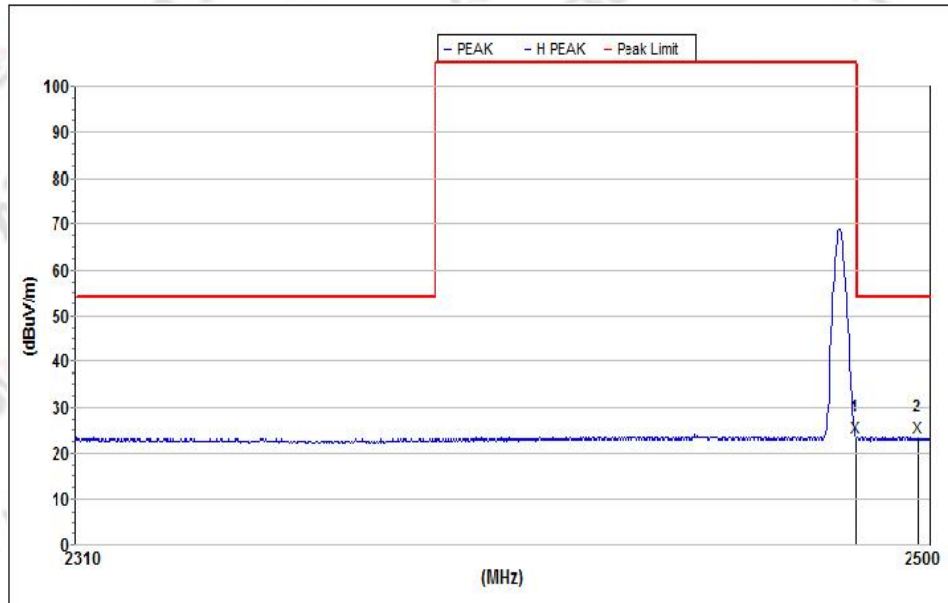
Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak										
1	2390.000	35.2	74.0	38.8	270	200	27.4	59.6	5.7	H
2	2321.348	36.7	74.0	37.3	281	300	27.2	59.5	5.6	H

Mode 4 Vertical



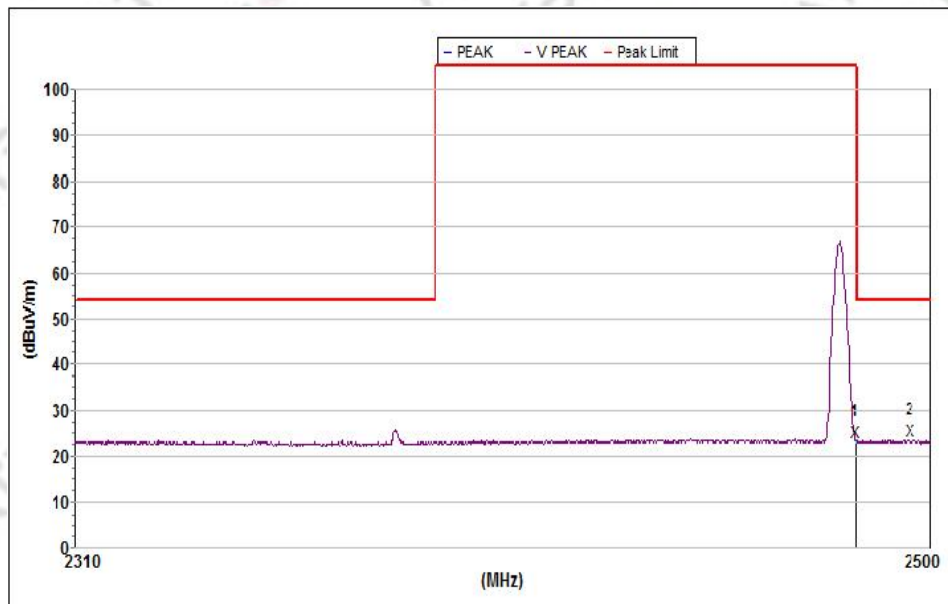
Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak										
1	2390.000	35.0	74.0	39.0	359	200	27.4	59.6	5.7	V
2	2381.378	36.2	74.0	37.8	77	100	27.4	59.6	5.7	V

GFSK-High Mode 6 Horizontal



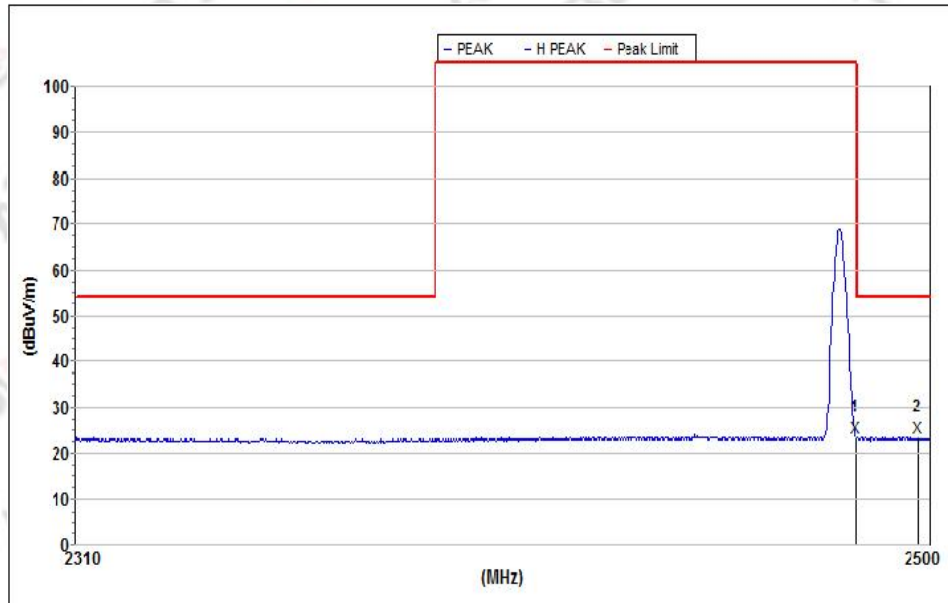
Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg										
1	2483.501	23.2	54.0	30.8	178	200	27.6	59.7	5.8	H
2	2497.432	23.5	54.0	30.5	225	100	27.6	59.7	5.8	H

Mode 6 Vertical



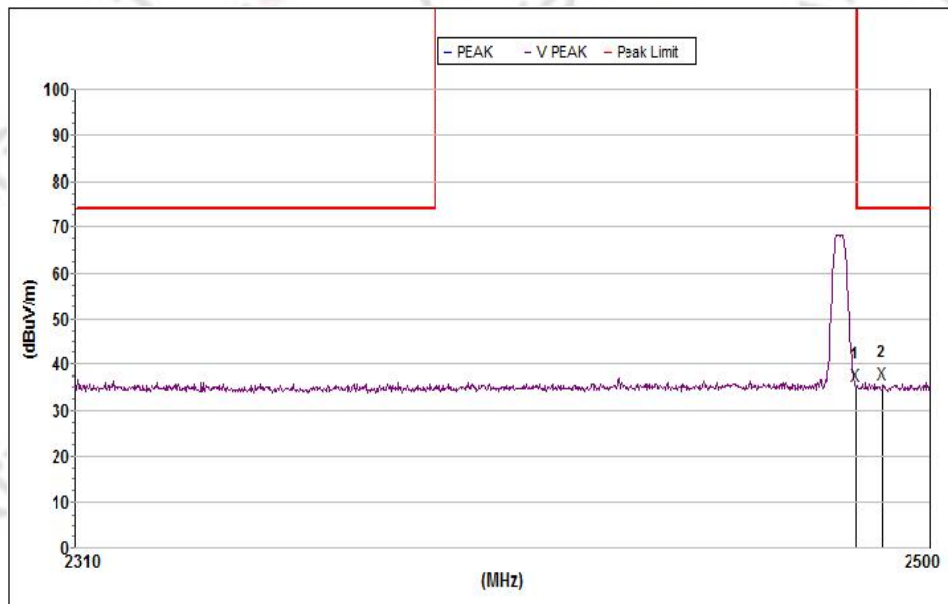
Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg										
1	2483.501	23.0	54.0	31.0	0	200	27.6	59.7	5.8	V
2	2495.656	23.4	54.0	30.6	194	300	27.6	59.7	5.8	V

GFSK- High Mode 6 Horizontal



Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak										
1	2483.501	23.2	54.0	30.8	178	200	27.6	59.7	5.8	H
2	2497.432	23.5	54.0	30.5	225	100	27.6	59.7	5.8	H

Mode 6 Vertical



Mk.	Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Deg. (deg.)	Hi. (cm)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak										
1	2483.501	35.4	74.0	38.6	348	200	27.6	59.7	5.8	V
2	2489.352	36.0	74.0	38.0	1	300	27.6	59.7	5.8	V

Note: All TX Mode, the worst case is model1&34&6, only show the worst case.

*****END OF APPENDIX B*****

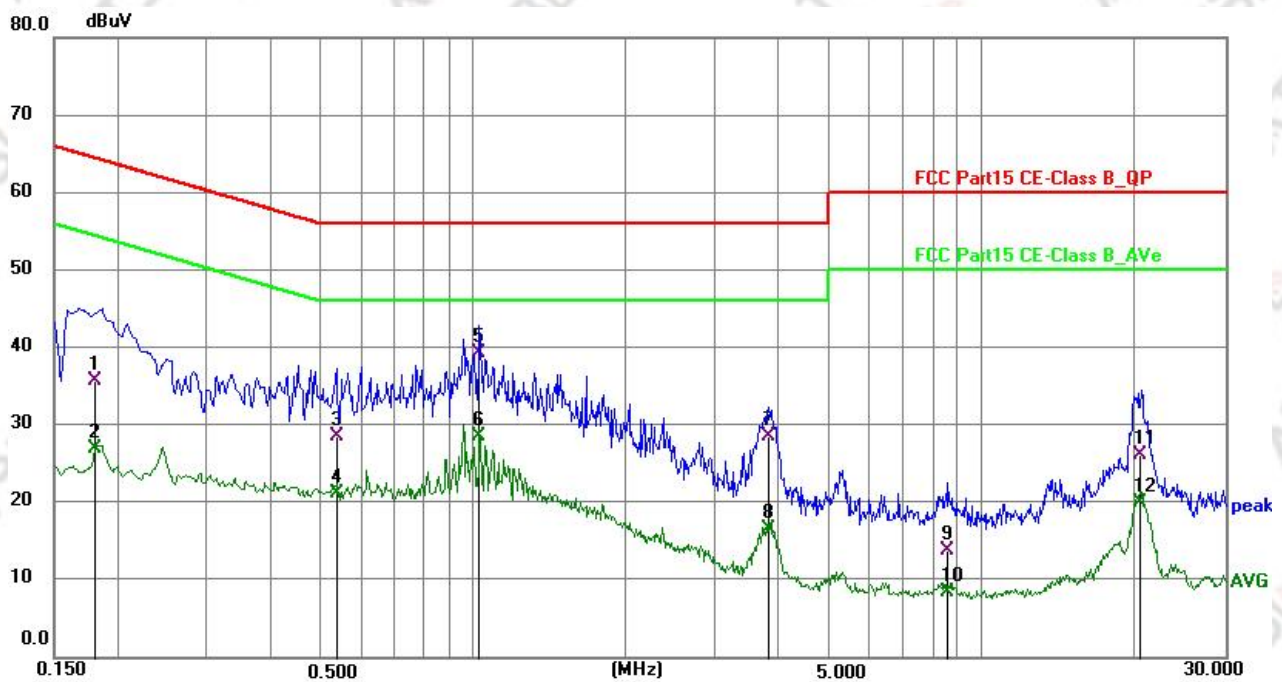
Appendix C _ AC Power-Line Conducted Emission Test Data

3.8.4. Test Result of AC Power-Line Conducted Emission

Temperature:	22.0°C	Relative Humidity:	61%RH
Test Voltage:	AC 120V/60Hz	Phase:	L1
Test Mode:	Mode 7		

Remark:

1. All readings are Quasi-Peak and Average values.
2. Margin = Result (Result =Reading + Factor)–Limit.
3. Factor=LISN factor+Cable loss+Limiter (10dB)

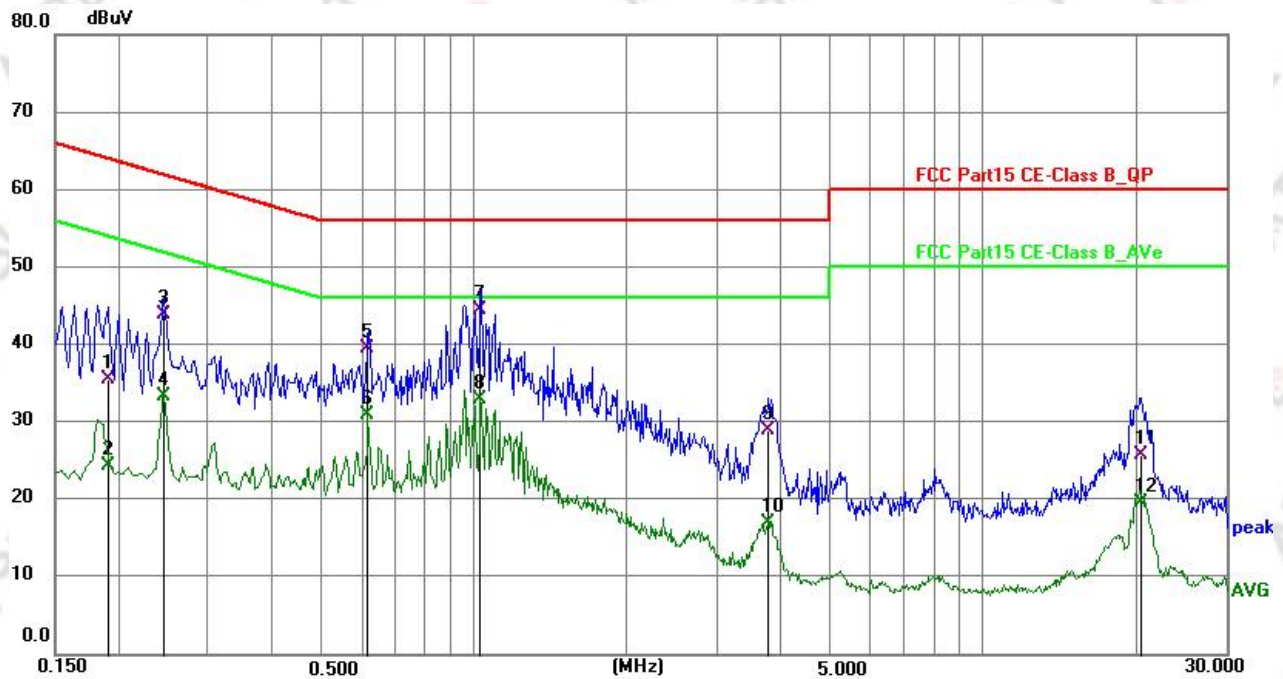


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1809	25.91	9.86	35.77	64.44	-28.68	QP
2	0.1809	17.16	9.86	27.02	54.44	-27.41	AVG
3	0.5378	18.60	9.87	28.47	56.00	-27.52	QP
4	0.5378	11.32	9.87	21.19	46.00	-24.83	AVG
5	1.0273	29.38	9.93	39.31	56.00	-16.70	QP
6	1.0273	18.62	9.93	28.55	46.00	-17.43	AVG
7	3.8234	18.50	10.06	28.56	56.00	-27.45	QP
8	3.8234	6.61	10.06	16.67	46.00	-29.31	AVG
9	8.5659	3.68	10.12	13.80	60.00	-46.26	QP
10	8.5659	-1.75	10.12	8.37	50.00	-41.65	AVG
11	20.4938	15.67	10.54	26.21	60.00	-33.81	QP
12	20.4938	9.46	10.54	20.00	50.00	-30.02	AVG

Temperature:	22.0°C	Relative Humidity:	61%RH
Test Voltage:	AC120V/60Hz	Phase:	N
Test Mode:	Mode 7		

Remark:

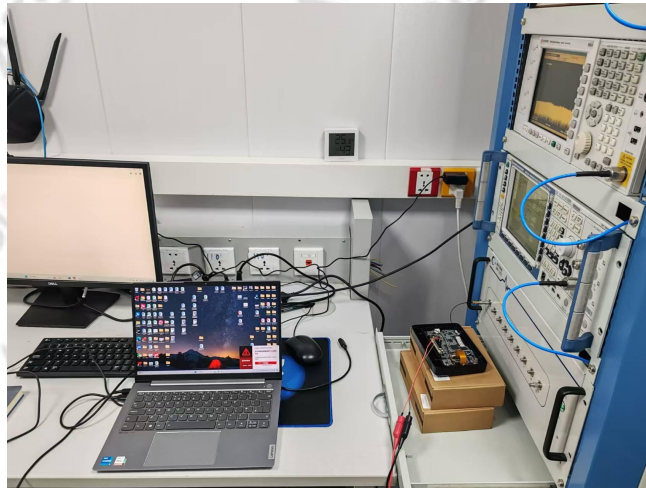
1. All readings are Quasi-Peak and Average values.
2. Margin = Result (Result =Reading + Factor)–Limit.
3. Factor=LISN factor+Cable loss+Limiter (10dB)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1915	25.66	9.82	35.48	63.97	-28.47	QP
2	0.1915	14.46	9.82	24.28	53.97	-29.71	AVG
3	0.2451	34.10	9.80	43.90	61.92	-18.01	QP
4	0.2451	23.44	9.80	33.24	51.92	-18.67	AVG
5	0.6194	29.72	9.78	39.50	56.00	-16.48	QP
6	0.6194	21.15	9.78	30.93	46.00	-15.05	AVG
7	1.0279	34.62	9.79	44.41	56.00	-11.61	QP
8	1.0279	23.23	9.79	33.02	46.00	-12.96	AVG
9	3.7901	18.99	9.99	28.98	56.00	-27.04	QP
10	3.7901	7.05	9.99	17.04	46.00	-28.95	AVG
11	20.4834	15.14	10.56	25.70	60.00	-34.33	QP
12	20.4834	9.09	10.56	19.65	50.00	-30.31	AVG

*****END OF APPENDIX C*****

Appendix D _ Test Setup

Radiated Emissions for 30MHz~1GHz 	Radiated Emissions for 1GHz~18GHz 
AC Power Line Conducted Emissions 	Conducted for RF 
Near View 	N/A

*****END OF APPENDIX D*****