

Test B and must also be unique and not repeated from the previous waveforms in Tests A or B. Test aggregate is average of the percentage of successful detections of short pulse radar types 1-4

15.4. Calibration of Radar Waveform

Radar Waveform Calibration Procedure:

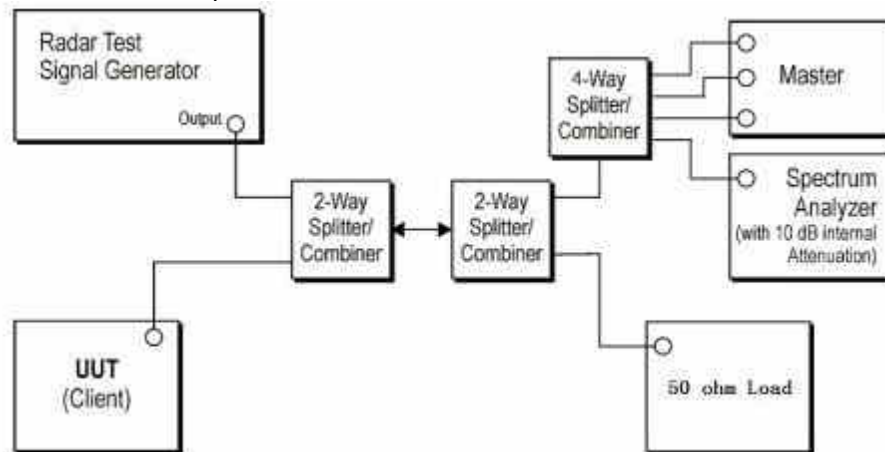
A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to place of the master

The interference Radar Detection Threshold Level is $-62\text{dBm} + 0\text{dBi} + 1\text{dB} = -61\text{dBm}$ that had been taken into account the output power range and antenna gain.

The following equipment setup was used to calibrate the conducted radar waveform. A vector signal generator was utilized to establish the test signal level for radar type 0. During this process there were no transmissions by either the master or client device. The spectrum analyzer was switched to the zero spans (time domain) at the frequency of the radar waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz. The spectrum analyzer had offset -1.0dB to compensate RF cable loss 1.0dB.

The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was $-62\text{dBm} + 0\text{dBi} + 1\text{dB} = -61\text{dBm}$. Capture the spectrum analyzer plots on short pulse radar waveform.

Conducted Calibration Setup:



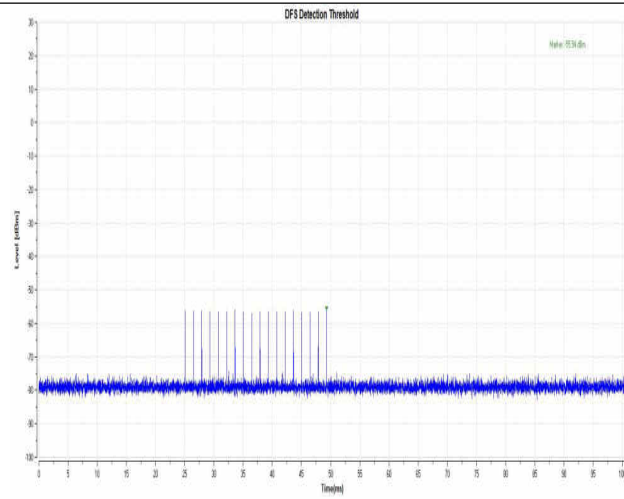
Note: 1. Use the software "Web" to set the frequency channel.

2. EUT is not support TPC and not with Radar detection.

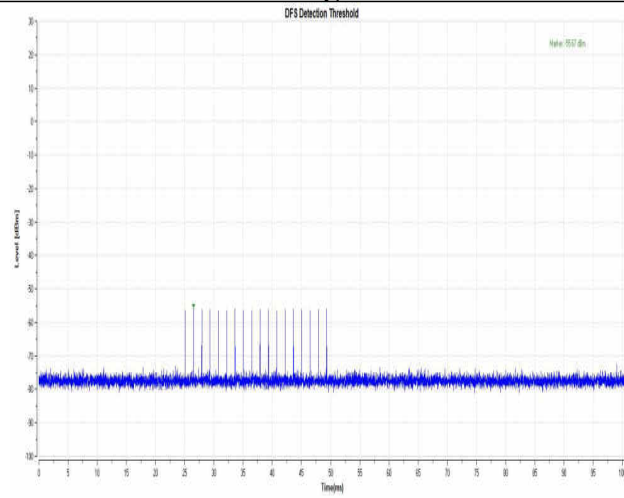
Radar Waveform Calibration Result:

Radar Type 0

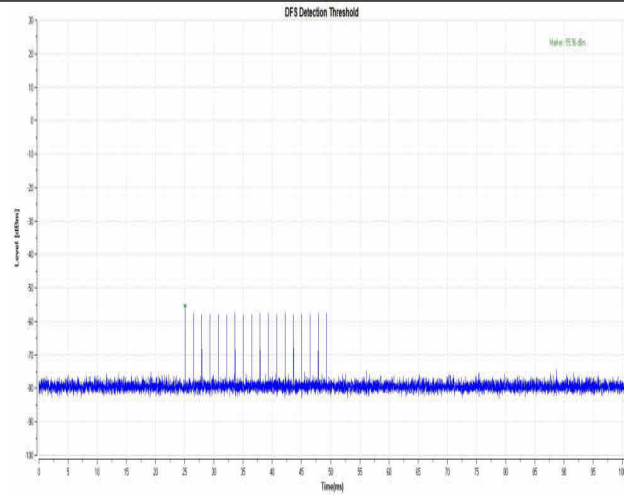
Test Mode	Frequency[dbm]	Radar Type	Result	Limit[dbm]	Verdict
11A	5260	Type0	-55.94	-55.58	PASS
11A	5500	Type0	-55.67	-55.58	PASS
11N40MIMO	5270	Type0	-55.96	-55.58	PASS
11N40MIMO	5510	Type0	-55.97	-55.58	PASS



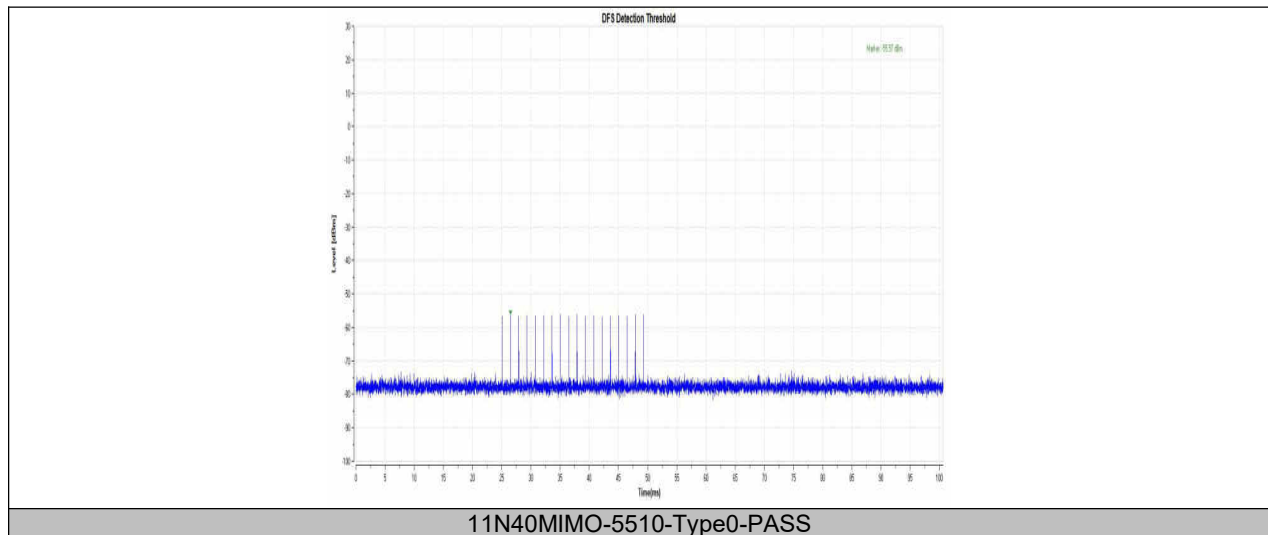
11A-5260-Type0-PASS



11A-5500-Type0-PASS



11N40MIMO-5270-Type0-PASS



15.5. Channel Closing Transmission Time, Channel Move Time and Non-Occupancy Period

Block diagram of test setup Test Procedure:

The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Test Software in order to properly load the network for the entire period of the test.

When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

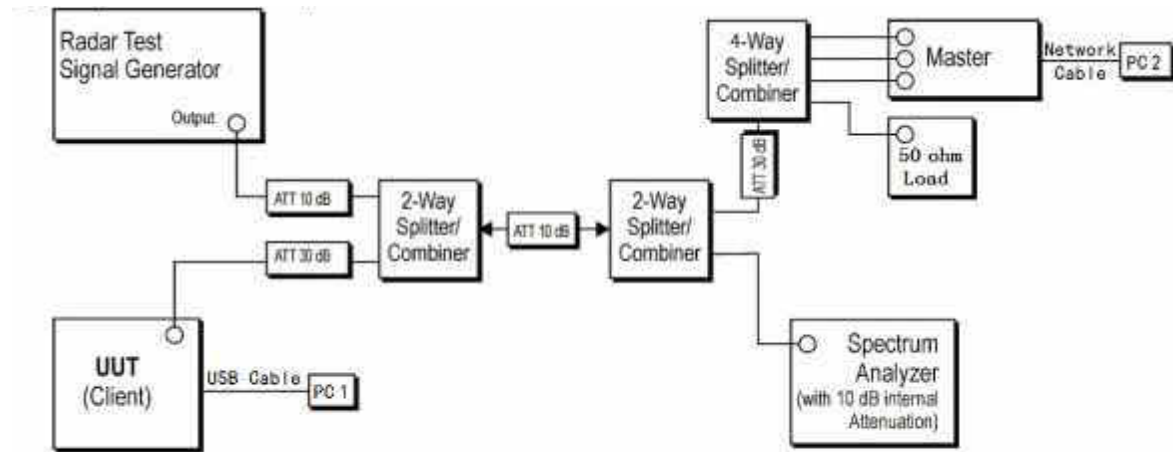
Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

15.6. Test Setup

Setup for Client with injection at the Master

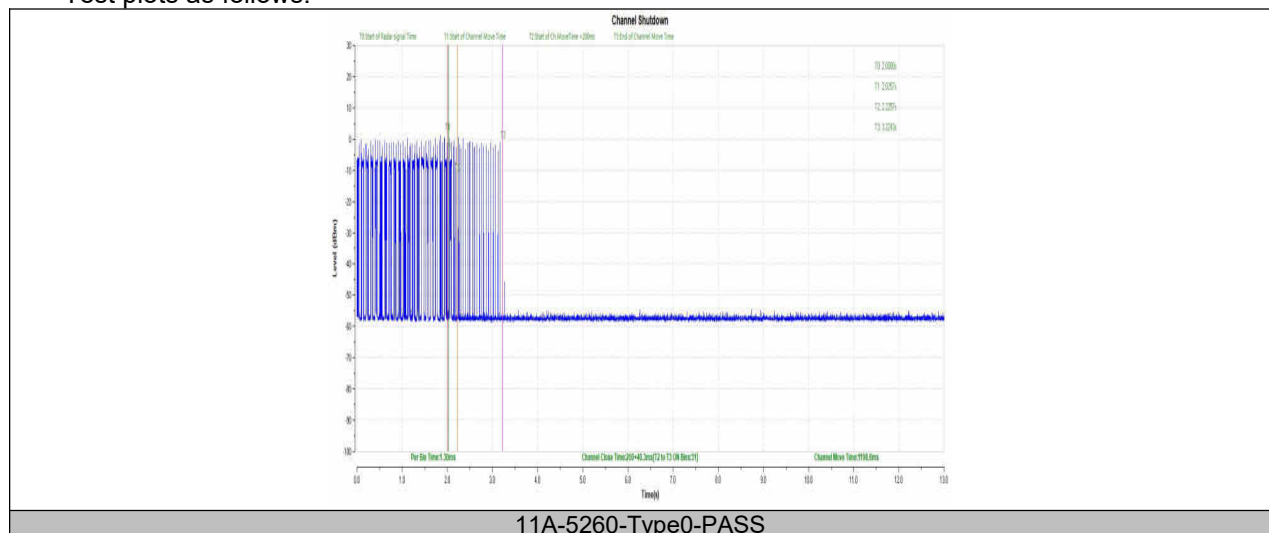
Master Name	Brand Name	Model Name	FCC ID	Run-up Time(s)
ROG Rapture Tri-band Gaming Router	ASUS	GT-AXE11000	MSQ-RTAXJF00	90

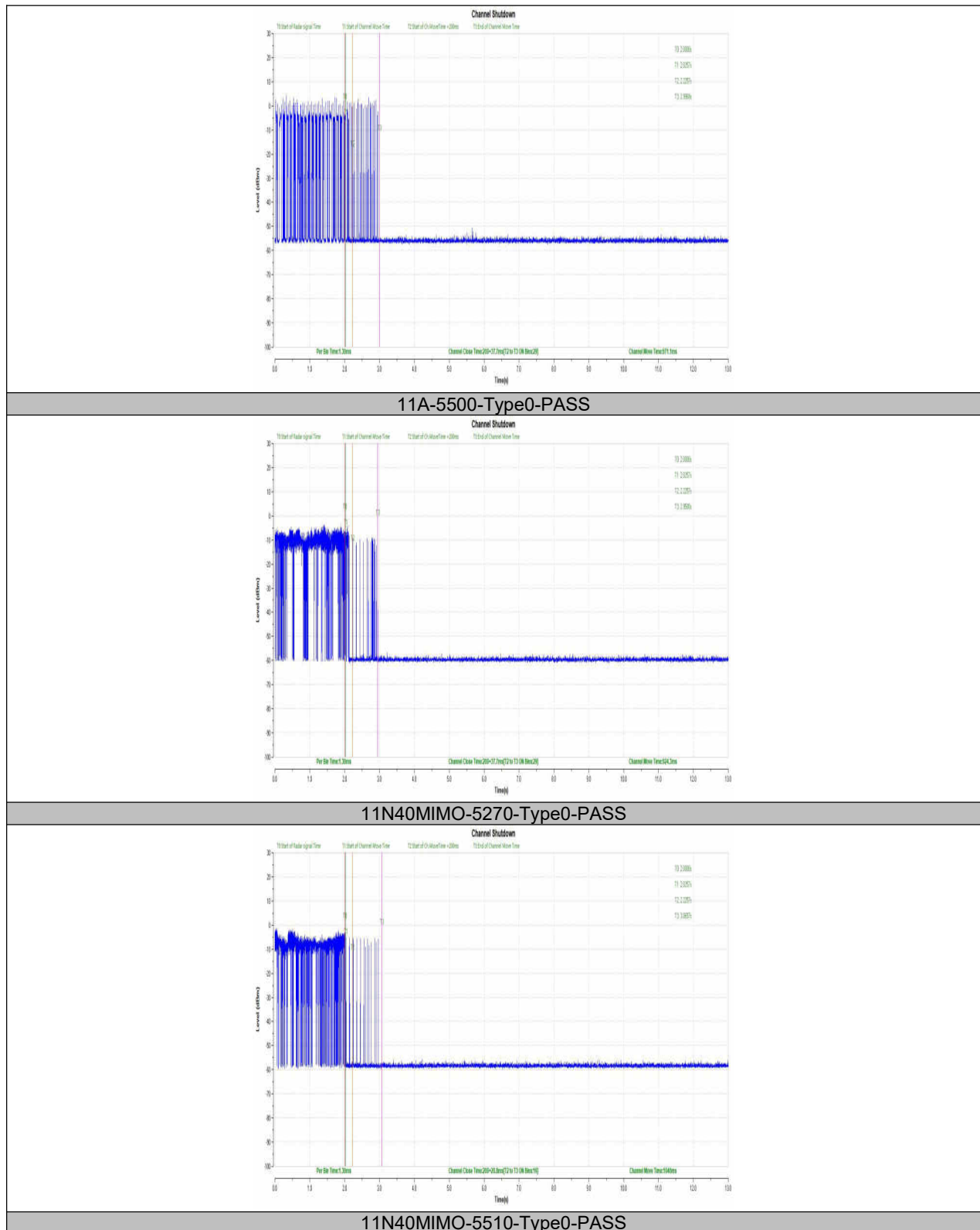


15.7. Test Result

BW/Channel	Test Item	Test Result	Limit	Results
20M/5260MHz	Channel Move Time	1.199	< 10s	pass
	Channel Closing Transmission Time	0.240	< 0.26s	pass
20M/5500MHz	Channel Move Time	0.971	< 10s	pass
	Channel Closing Transmission Time	0.238	< 0.26s	pass
80M/5290MHz	Channel Move Time	0.924	< 10s	pass
	Channel Closing Transmission Time	0.238	< 0.26s	pass
80M/5530MHz	Channel Move Time	1.040	< 10s	pass
	Channel Closing Transmission Time	0.221	< 0.26s	pass

Test plots as follows:





Note 1: We test all channels that need to be tested for DFS, reporting only part of the test pattern and data. In this report, we have identified other parts that are compliant with FCC regulations.

Note 2: The method of establishing a connection between the master device and the slave device. After inserting the EUT USB port into the PC, the laptop opens the router control interface to connect to the EUT and control its corresponding signal transmission.

1. The frequency range of equipment operation is: UNII-1: 5180 MHz to 5240 MHz, U-NII-2A: 5260 MHz to 5320 MHz, U-NII-2C: 5500 MHz to 5700 MHz, U-NI-3: 5745 MHz to 5825 MHz

2. The operating mode is Client, Equipped with radar detection capability, the main U-NII device FCC ID used for DFS testing is MSQ-RTAXJF00.

3. (Equivalent Isotropic Radiated Power (EIRP)) of the equipment, The antenna gain is 6.42dBi.
4. Test sequences or messages that should be used for communication between Master and Client Devices, which are used for Channel loading. Stream the test file from the aster Deyiceto the Client Device for IP based systems or frame based systems which dynamically allocatethe talk/listen ratio.
5. The time required for the master and slave devices to fully start is 120 seconds.
6. The product belongs to Slave without radar detection.
7. Manufacturer statement confirming that information regarding the parameters of the detected Radar Waveforms is not available to the end user.
8. Manufacturers can manually select the first channel 5510MHz.

16. Antenna Requirements

16.1. Applicable Requirements

Please refer to FCC §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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Please refer to RSS-GEN Clause 6.8

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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to RSS-GEN Clause 6.8

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

16.2. Result

The device support 2T2R MIMO, the antennas both used for this product are dedicated External antennas and other than that furnished by the responsible party shall be used with the device, maximum antenna gain is 6.42 dBi for antenna 1, 6.42 dBi for antenna 2.

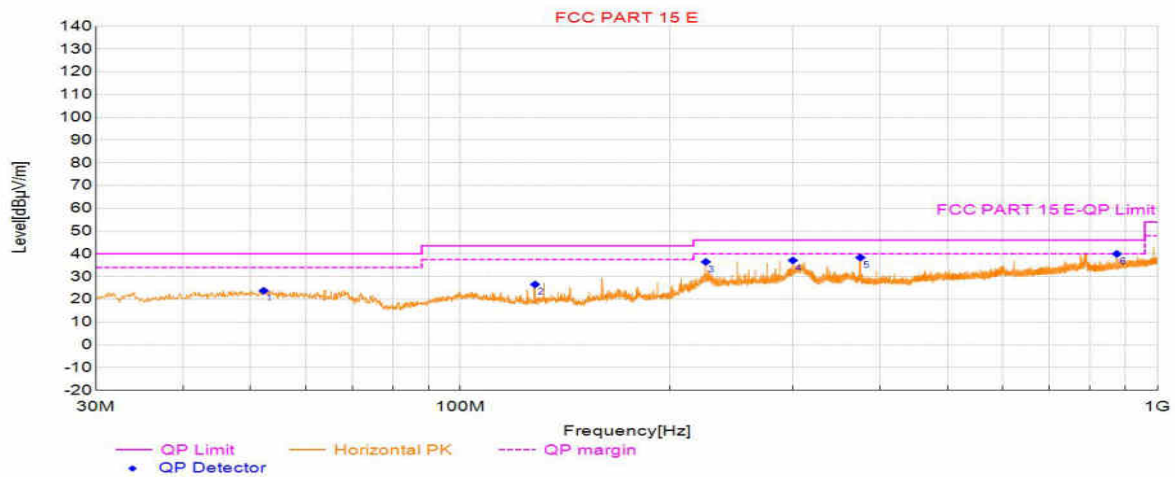
APPENDIX A - Radiated Emission Below 1GHz Test Data

Test Report

Project Information			
EUT:	Command Studio Digital Console		
Customer:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A 5700	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:2		

Start of Test:2025-10-16 17:25:37

Test Graph



Final Data List

NO.	Freq. (MHz)	Factor (dB)	QP Value (dBμV/m)	QP Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity	Verdict
1	52.22	21.06	23.80	40.00	16.20	100	280	Horizontal	PASS
2	127.98	17.14	26.57	43.50	16.93	100	169	Horizontal	PASS
3	224.99	20.78	36.48	46.00	9.52	100	284	Horizontal	PASS
4	299.98	22.26	37.10	46.00	8.90	100	169	Horizontal	PASS
5	374.97	24.72	38.36	46.00	7.64	100	65	Horizontal	PASS
6	875.05	33.25	39.99	46.00	6.01	100	57	Horizontal	PASS

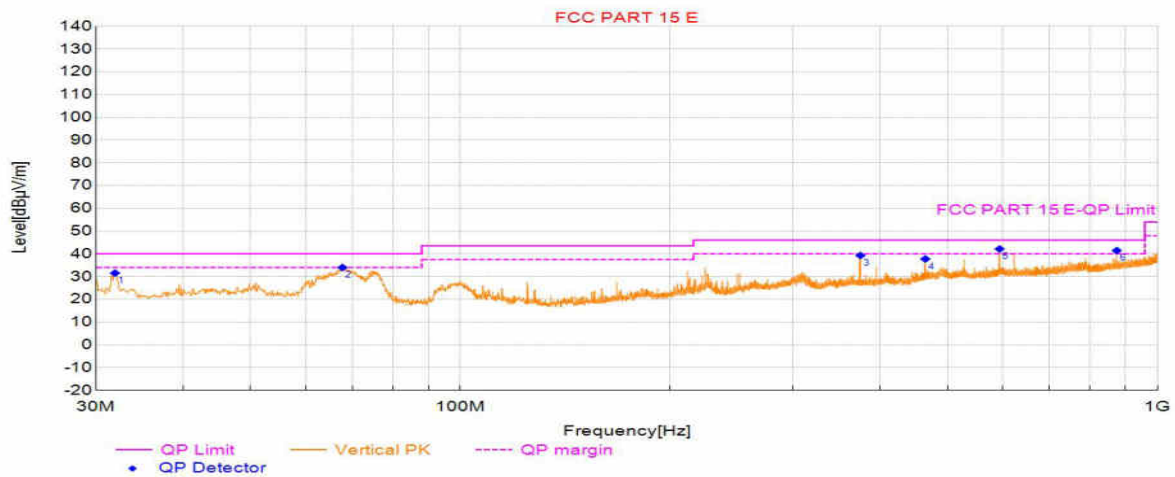
Note: Margin=QP Limit - QP Value

Test Report

Project Information			
EUT:	Command Studio Digital Console		
Customer:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A 5700	Voltage:	DC 24V
Environment:	24.2°C 51%	Engineer:	Soho Liu
Remark:	Power Set:2		

Start of Test:2025-10-16 17:26:20

Test Graph



Final Data List

NO.	Freq. (MHz)	Factor (dB)	QP Value (dBμV/m)	QP Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity	Verdict
1	31.94	17.63	31.56	40.00	8.44	100	164	Vertical	PASS
2	67.74	17.91	33.97	40.00	6.03	100	279	Vertical	PASS
3	374.97	24.72	39.27	46.00	6.73	100	164	Vertical	PASS
4	464.80	26.65	37.76	46.00	8.24	100	218	Vertical	PASS
5	594.01	29.53	42.16	46.00	3.84	100	92	Vertical	PASS
6	874.95	33.24	41.45	46.00	4.55	100	196	Vertical	PASS

Note: Margin=QP Limit - QP Value

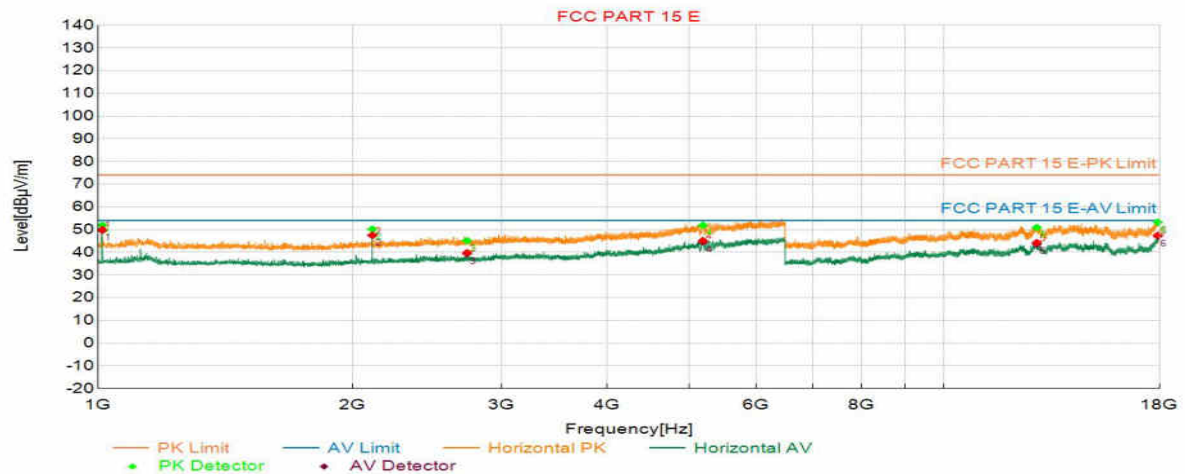
APPENDIX B – Radiated Emission Above 1GHz Test Data

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5180	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:2		

Start of Test:2025-10-15 15:48:11

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	51.95	74.00	22.05	150	207	Horizontal
2	2111.66	6.77	50.19	74.00	23.81	150	174	Horizontal
3	2732.12	8.72	45.16	74.00	28.84	150	297	Horizontal
4	5194.17	20.00	51.90	74.00	22.10	150	325	Horizontal
5	12894.64	10.89	50.89	74.00	23.11	150	358	Horizontal
6	17928.69	16.99	53.24	74.00	20.76	150	120	Horizontal

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	49.69	54.00	4.31	150	207	Horizontal
2	2111.66	6.77	47.46	54.00	6.54	150	174	Horizontal
3	2732.12	8.72	39.39	54.00	14.61	150	297	Horizontal
4	5194.17	20.00	44.49	54.00	9.51	150	325	Horizontal
5	12894.64	10.89	43.70	54.00	10.30	150	358	Horizontal
6	17928.69	16.99	47.17	54.00	6.83	150	120	Horizontal

Note1: PK Margin=PK Limit - PK Value

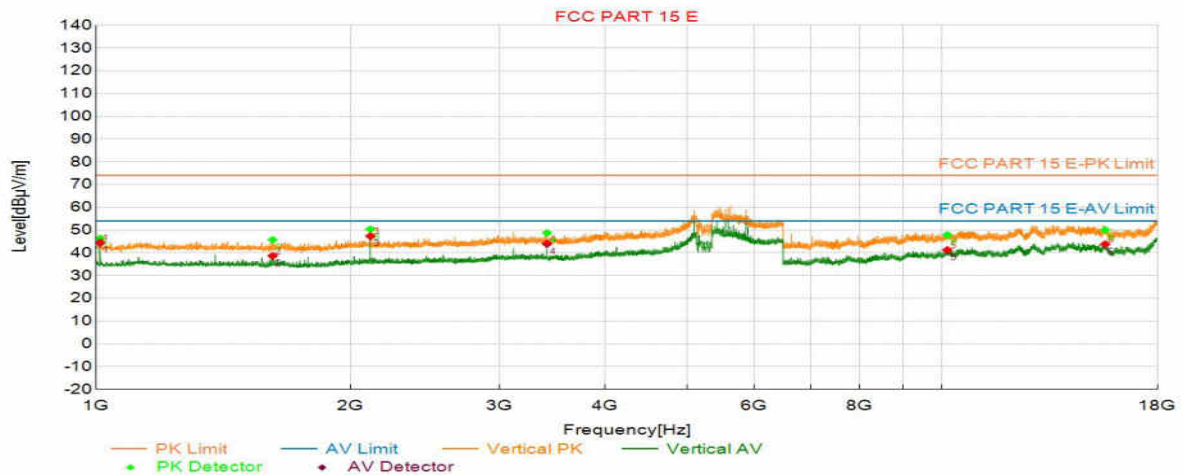
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5180	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:2		

Start of Test:2025-10-15 15:49:24

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	46.43	74.00	27.57	150	135	Vertical
2	1617.71	4.36	45.76	74.00	28.24	150	135	Vertical
3	2111.66	6.77	50.35	74.00	23.65	150	246	Vertical
4	3415.29	11.43	48.76	74.00	25.24	150	178	Vertical
5	10161.97	7.25	47.85	74.00	26.15	150	329	Vertical
6	15619.26	13.37	50.06	74.00	23.94	150	23	Vertical

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	44.38	54.00	9.62	150	135	Vertical
2	1617.71	4.36	38.62	54.00	15.38	150	135	Vertical
3	2111.66	6.77	47.23	54.00	6.77	150	246	Vertical
4	3415.29	11.43	43.86	54.00	10.14	150	178	Vertical
5	10161.97	7.25	41.20	54.00	12.80	150	329	Vertical
6	15619.26	13.37	43.69	54.00	10.31	150	23	Vertical

Note1: PK Margin=PK Limit - PK Value

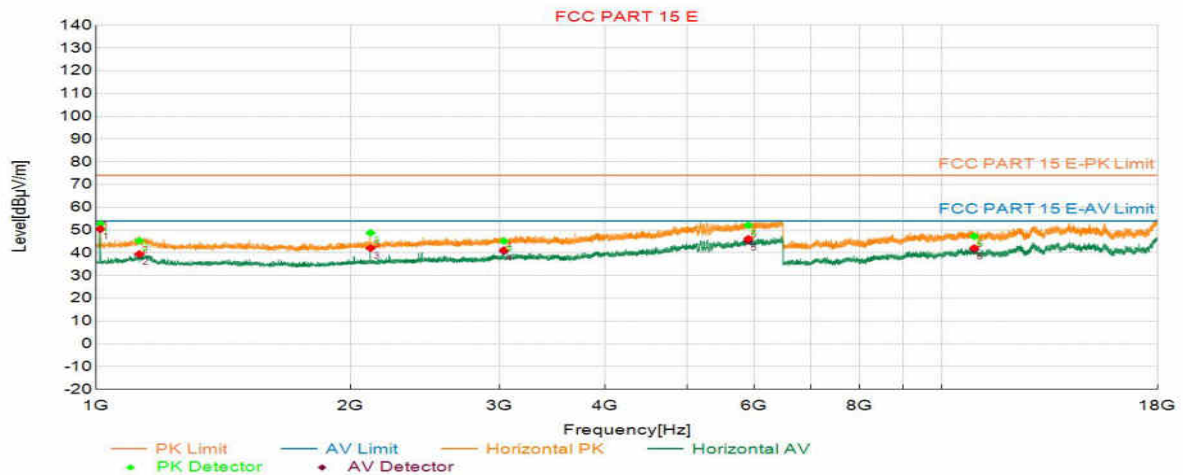
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5200	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 15:33:26

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	52.69	74.00	21.31	150	213	Horizontal
2	1124.86	2.77	45.37	74.00	28.63	150	114	Horizontal
3	2111.66	6.77	48.79	74.00	25.21	150	296	Horizontal
4	3037.40	10.50	45.17	74.00	28.83	150	137	Horizontal
5	5909.24	22.93	52.06	74.00	21.94	150	71	Horizontal
6	10932.54	7.92	47.27	74.00	26.73	150	327	Horizontal

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	50.33	54.00	3.67	150	213	Horizontal
2	1124.86	2.77	39.26	54.00	14.74	150	114	Horizontal
3	2111.66	6.77	42.00	54.00	12.00	150	296	Horizontal
4	3037.40	10.50	40.74	54.00	13.26	150	137	Horizontal
5	5909.24	22.93	45.26	54.00	8.74	150	71	Horizontal
6	10932.54	7.92	41.55	54.00	12.45	150	327	Horizontal

Note1: PK Margin=PK Limit - PK Value

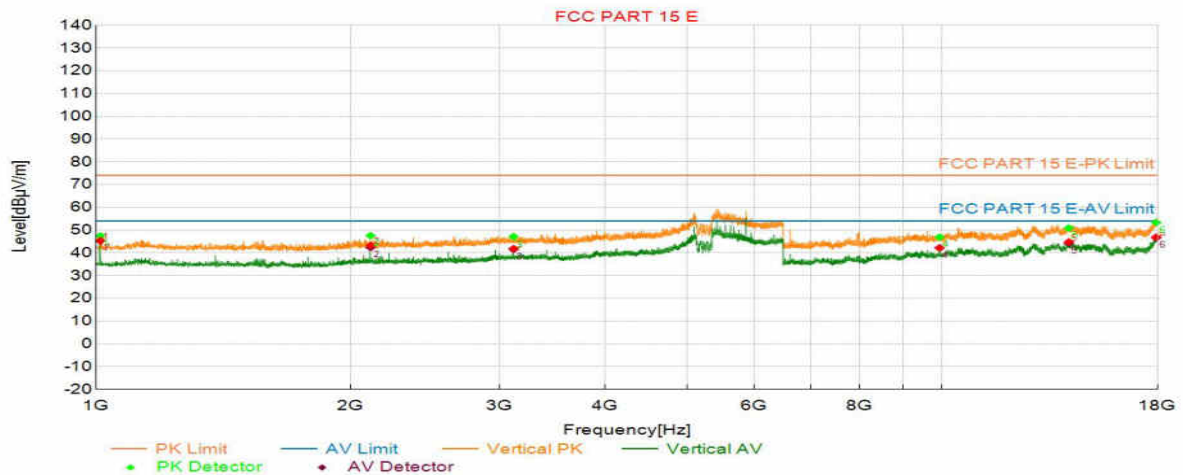
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5200	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 15:34:45

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	47.41	74.00	26.59	150	202	Vertical
2	2111.66	6.77	47.57	74.00	26.43	150	125	Vertical
3	3118.26	10.98	47.16	74.00	26.84	150	16	Vertical
4	9949.19	6.87	46.93	74.00	27.07	150	183	Vertical
5	14144.81	13.95	50.90	74.00	23.10	150	1	Vertical
6	17952.85	16.97	53.34	74.00	20.66	150	281	Vertical

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	45.28	54.00	8.72	150	202	Vertical
2	2111.66	6.77	42.37	54.00	11.63	150	125	Vertical
3	3118.26	10.98	41.50	54.00	12.50	150	16	Vertical
4	9949.19	6.87	42.16	54.00	11.84	150	183	Vertical
5	14144.81	13.95	44.22	54.00	9.78	150	1	Vertical
6	17952.85	16.97	46.61	54.00	7.39	150	281	Vertical

Note1: PK Margin=PK Limit - PK Value

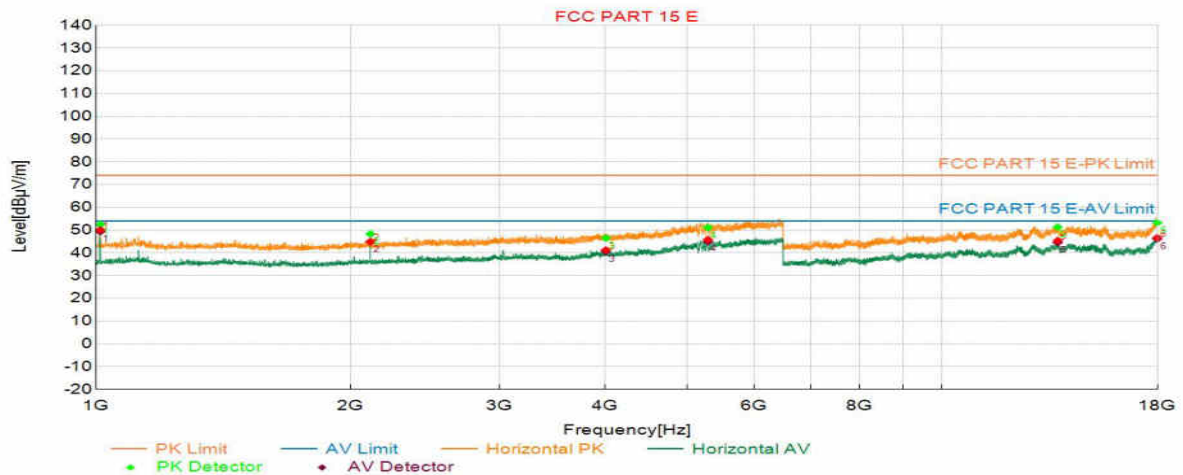
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5240	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 17:00:54

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	52.48	74.00	21.52	150	205	Horizontal
2	2111.66	6.77	48.33	74.00	25.67	150	9	Horizontal
3	4009.35	14.58	46.49	74.00	27.51	150	198	Horizontal
4	5294.83	20.34	51.09	74.00	22.91	150	358	Horizontal
5	13727.32	13.26	51.31	74.00	22.69	150	277	Horizontal
6	18000.00	16.93	53.22	74.00	20.78	150	176	Horizontal

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	49.35	54.00	4.65	150	205	Horizontal
2	2111.66	6.77	44.89	54.00	9.11	150	9	Horizontal
3	4009.35	14.58	40.56	54.00	13.44	150	198	Horizontal
4	5294.83	20.34	44.94	54.00	9.06	150	358	Horizontal
5	13727.32	13.26	44.53	54.00	9.47	150	277	Horizontal
6	18000.00	16.93	46.14	54.00	7.86	150	176	Horizontal

Note1: PK Margin=PK Limit - PK Value

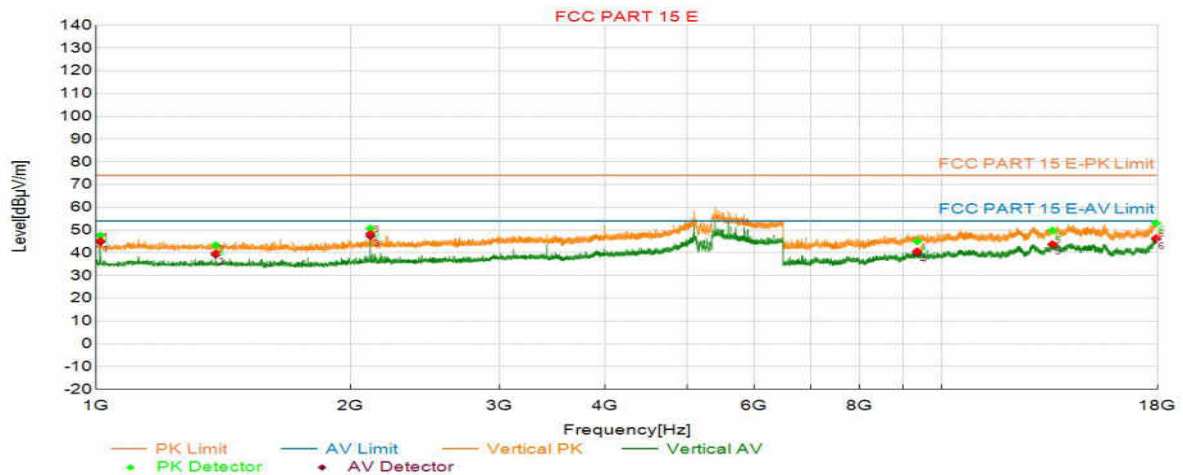
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5240	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 17:02:07

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	47.63	74.00	26.37	150	139	Vertical
2	1385.59	4.13	43.36	74.00	30.64	150	358	Vertical
3	2111.66	6.77	50.75	74.00	23.25	150	0	Vertical
4	9361.49	6.23	45.05	74.00	28.95	150	4	Vertical
5	13528.35	12.77	49.83	74.00	24.17	150	73	Vertical
6	17943.64	16.98	53.08	74.00	20.92	150	301	Vertical

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	44.83	54.00	9.17	150	139	Vertical
2	1385.59	4.13	39.17	54.00	14.83	150	358	Vertical
3	2111.66	6.77	47.44	54.00	6.56	150	0	Vertical
4	9361.49	6.23	40.10	54.00	13.90	150	4	Vertical
5	13528.35	12.77	43.67	54.00	10.33	150	73	Vertical
6	17943.64	16.98	46.03	54.00	7.97	150	301	Vertical

Note1: PK Margin=PK Limit - PK Value

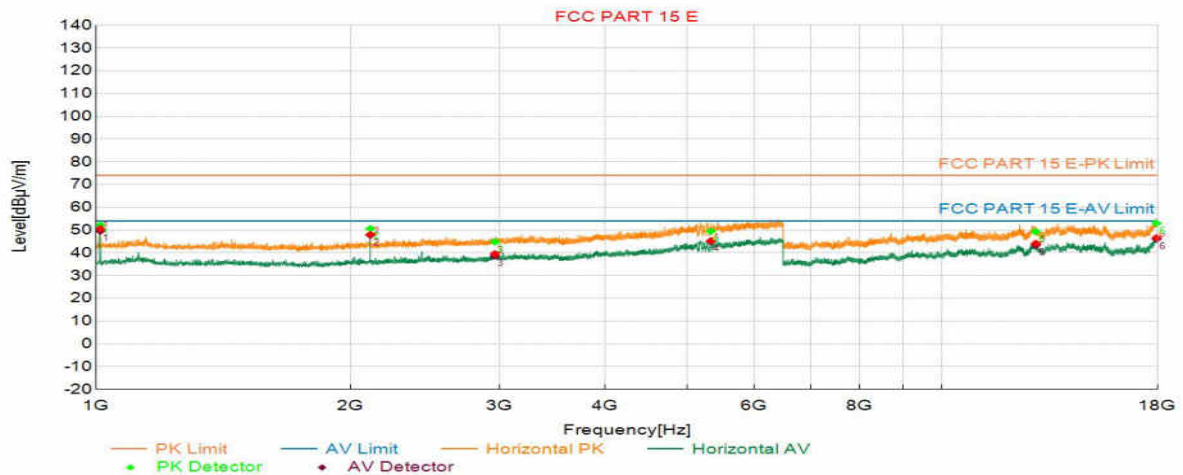
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5260	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 15:53:04

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	52.18	74.00	21.82	150	210	Horizontal
2	2111.66	6.77	50.59	74.00	23.41	150	251	Horizontal
3	2963.70	10.42	44.84	74.00	29.16	150	265	Horizontal
4	5337.18	20.49	49.46	74.00	24.54	150	329	Horizontal
5	12930.29	11.07	49.29	74.00	24.71	150	144	Horizontal
6	17970.10	16.95	53.01	74.00	20.99	150	349	Horizontal

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	49.65	54.00	4.35	150	210	Horizontal
2	2111.66	6.77	47.83	54.00	6.17	150	251	Horizontal
3	2963.70	10.42	38.58	54.00	15.42	150	265	Horizontal
4	5337.18	20.49	45.06	54.00	8.94	150	329	Horizontal
5	12930.29	11.07	43.36	54.00	10.64	150	144	Horizontal
6	17970.10	16.95	46.12	54.00	7.88	150	349	Horizontal

Note1: PK Margin=PK Limit - PK Value

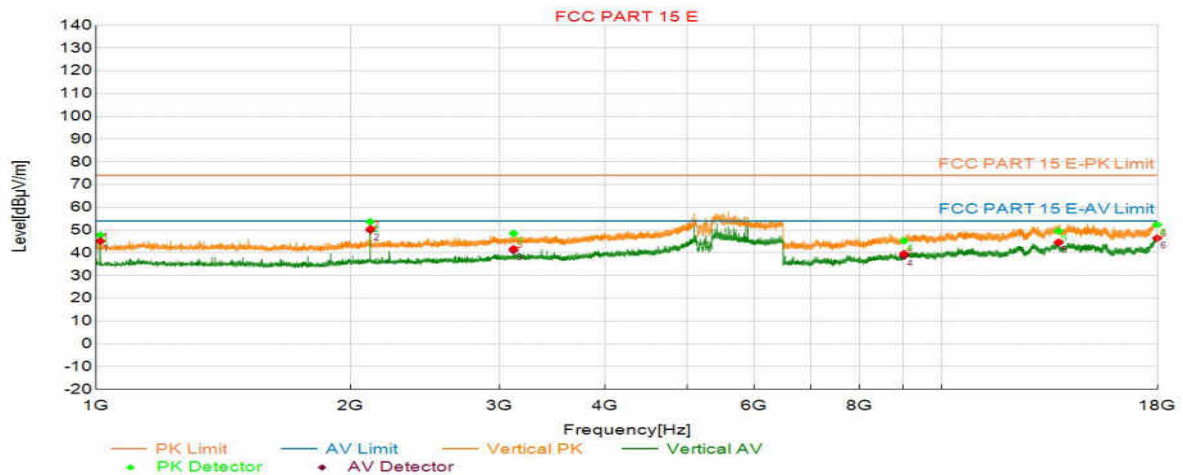
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5260	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 15:56:06

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	47.75	74.00	26.25	150	205	Vertical
2	2111.66	6.77	53.63	74.00	20.37	150	157	Vertical
3	3118.26	10.98	48.49	74.00	25.51	150	18	Vertical
4	9030.25	4.37	45.32	74.00	28.68	150	78	Vertical
5	13757.23	12.97	49.58	74.00	24.42	150	5	Vertical
6	17997.70	16.93	52.36	74.00	21.64	150	344	Vertical

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	45.07	54.00	8.93	150	205	Vertical
2	2111.66	6.77	49.95	54.00	4.05	150	157	Vertical
3	3118.26	10.98	41.06	54.00	12.94	150	18	Vertical
4	9030.25	4.37	38.70	54.00	15.30	150	78	Vertical
5	13757.23	12.97	44.42	54.00	9.58	150	5	Vertical
6	17997.70	16.93	46.39	54.00	7.61	150	344	Vertical

Note1: PK Margin=PK Limit - PK Value

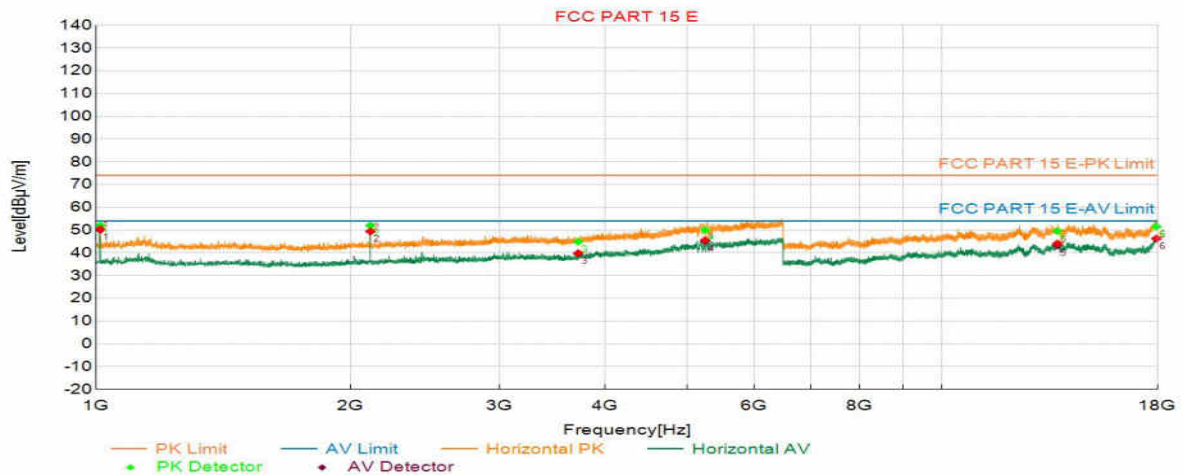
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5280	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 16:02:39

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	52.07	74.00	21.93	150	212	Horizontal
2	2111.66	6.77	52.02	74.00	21.98	150	164	Horizontal
3	3718.92	12.45	44.91	74.00	29.09	150	31	Horizontal
4	5254.68	20.20	50.04	74.00	23.96	150	198	Horizontal
5	13713.52	13.40	49.59	74.00	24.41	150	325	Horizontal
6	17962.05	16.96	51.55	74.00	22.45	150	11	Horizontal

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	50.09	54.00	3.91	150	212	Horizontal
2	2111.66	6.77	49.35	54.00	4.65	150	164	Horizontal
3	3718.92	12.45	39.61	54.00	14.39	150	31	Horizontal
4	5254.68	20.20	45.11	54.00	8.89	150	198	Horizontal
5	13713.52	13.40	43.25	54.00	10.75	150	325	Horizontal
6	17962.05	16.96	46.18	54.00	7.82	150	11	Horizontal

Note1: PK Margin=PK Limit - PK Value

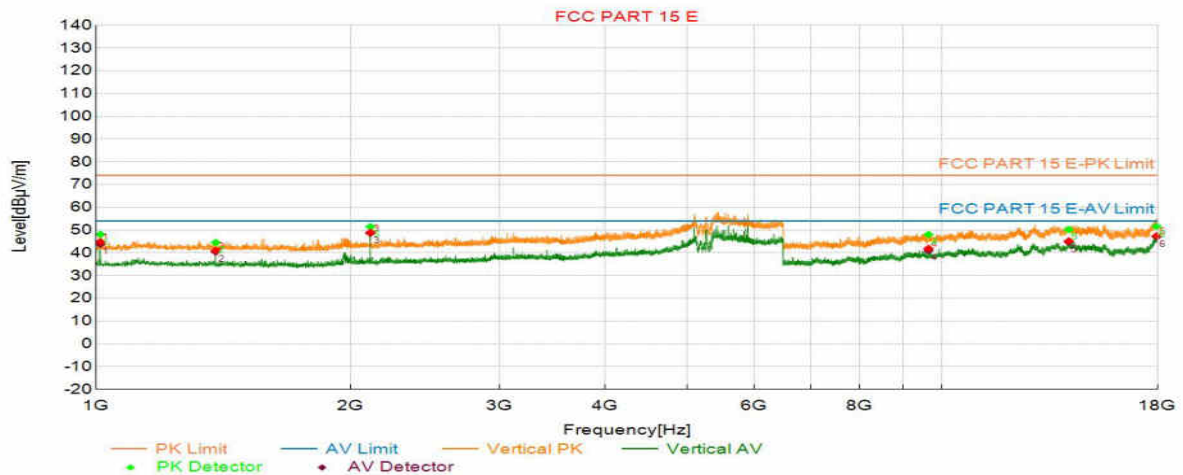
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5280	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 16:00:38

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	48.14	74.00	25.86	150	143	Vertical
2	1385.59	4.13	44.54	74.00	29.46	150	2	Vertical
3	2111.66	6.77	51.46	74.00	22.54	150	234	Vertical
4	9652.47	5.60	48.04	74.00	25.96	150	156	Vertical
5	14145.96	13.96	50.24	74.00	23.76	150	75	Vertical
6	17967.80	16.96	51.62	74.00	22.38	150	205	Vertical

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	43.93	54.00	10.07	150	143	Vertical
2	1385.59	4.13	40.46	54.00	13.54	150	2	Vertical
3	2111.66	6.77	48.64	54.00	5.36	150	234	Vertical
4	9652.47	5.60	41.04	54.00	12.96	150	156	Vertical
5	14145.96	13.96	44.79	54.00	9.21	150	75	Vertical
6	17967.80	16.96	47.09	54.00	6.91	150	205	Vertical

Note1: PK Margin=PK Limit - PK Value

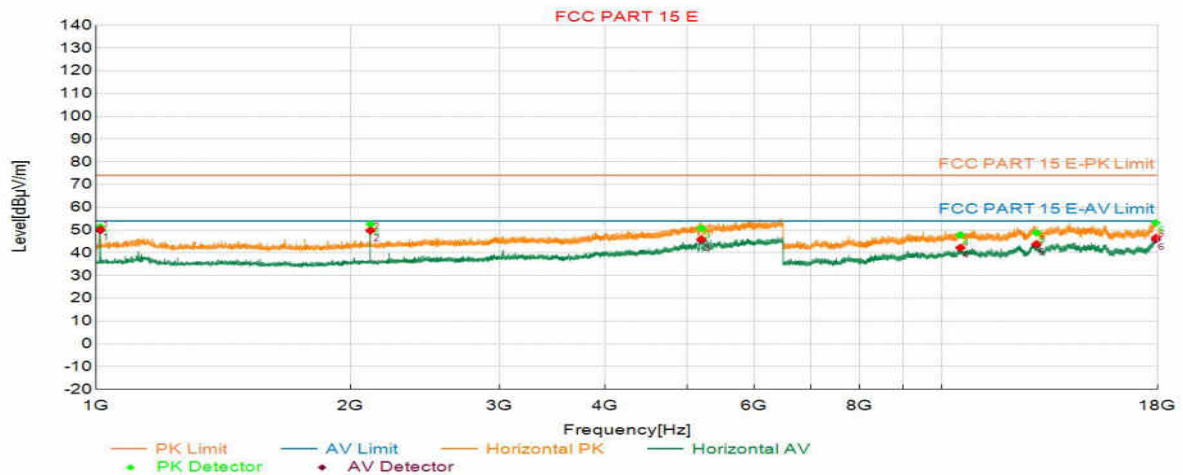
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5320	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 16:05:21

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	51.47	74.00	22.53	150	217	Horizontal
2	2111.66	6.77	52.60	74.00	21.40	150	251	Horizontal
3	5200.22	20.02	50.84	74.00	23.16	150	8	Horizontal
4	10531.15	7.99	47.88	74.00	26.12	150	97	Horizontal
5	12954.45	11.23	48.79	74.00	25.21	150	236	Horizontal
6	17933.29	16.98	53.21	74.00	20.79	150	358	Horizontal

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	49.86	54.00	4.14	150	217	Horizontal
2	2111.66	6.77	49.68	54.00	4.32	150	251	Horizontal
3	5200.22	20.02	45.53	54.00	8.47	150	8	Horizontal
4	10531.15	7.99	42.10	54.00	11.90	150	97	Horizontal
5	12954.45	11.23	43.42	54.00	10.58	150	236	Horizontal
6	17933.29	16.98	45.82	54.00	8.18	150	358	Horizontal

Note1: PK Margin=PK Limit - PK Value

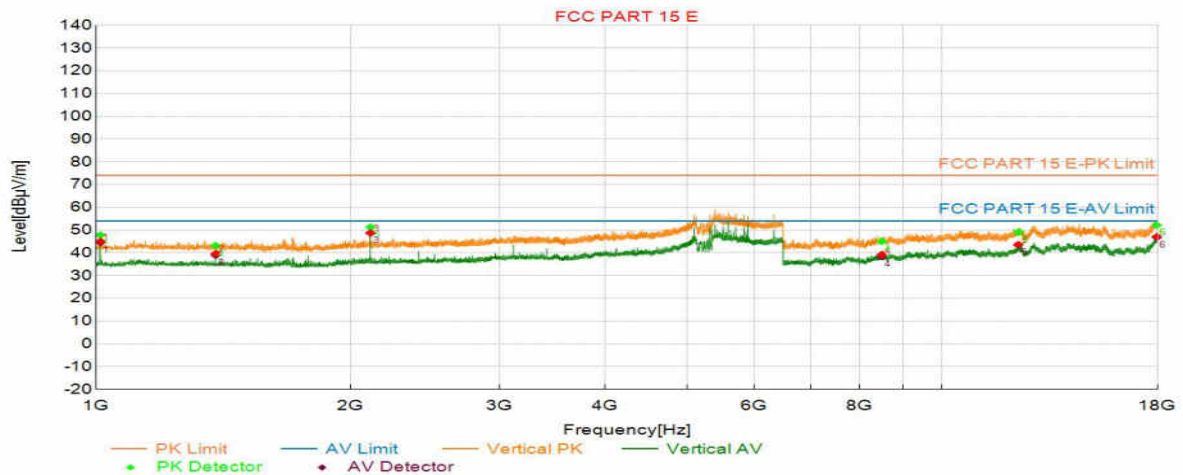
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5320	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 16:06:35

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	47.83	74.00	26.17	150	200	Vertical
2	1385.59	4.13	43.14	74.00	30.86	150	2	Vertical
3	2111.66	6.77	51.30	74.00	22.70	150	358	Vertical
4	8500.05	3.71	45.02	74.00	28.98	150	309	Vertical
5	12329.93	8.97	49.08	74.00	24.92	150	57	Vertical
6	17977.00	16.95	52.16	74.00	21.84	150	0	Vertical

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	44.52	54.00	9.48	150	200	Vertical
2	1385.59	4.13	38.98	54.00	15.02	150	2	Vertical
3	2111.66	6.77	48.73	54.00	5.27	150	358	Vertical
4	8500.05	3.71	38.40	54.00	15.60	150	309	Vertical
5	12329.93	8.97	43.45	54.00	10.55	150	57	Vertical
6	17977.00	16.95	46.81	54.00	7.19	150	0	Vertical

Note1: PK Margin=PK Limit - PK Value

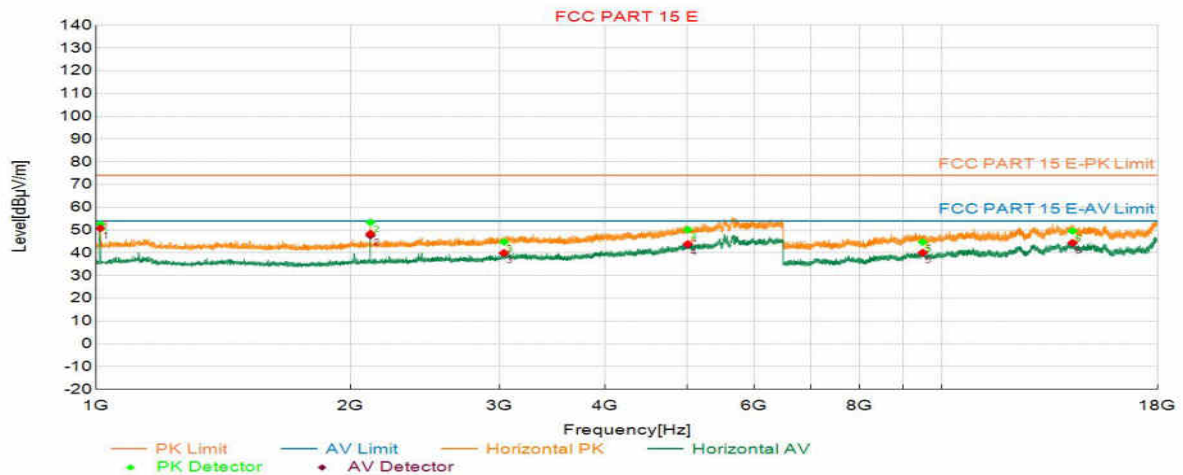
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5500	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 16:11:09

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.40	52.59	74.00	21.41	150	213	Horizontal
2	2111.66	6.86	53.42	74.00	20.58	150	171	Horizontal
3	3037.40	10.78	44.81	74.00	29.19	150	134	Horizontal
4	5012.10	19.33	50.16	74.00	23.84	150	37	Horizontal
5	9499.50	6.55	44.71	74.00	29.29	150	302	Horizontal
6	14288.58	13.77	49.59	74.00	24.41	150	166	Horizontal

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.40	50.77	54.00	3.23	150	213	Horizontal
2	2111.66	6.86	47.62	54.00	6.38	150	171	Horizontal
3	3037.40	10.78	39.75	54.00	14.25	150	134	Horizontal
4	5012.10	19.33	43.46	54.00	10.54	150	37	Horizontal
5	9499.50	6.55	39.88	54.00	14.12	150	302	Horizontal
6	14288.58	13.77	44.23	54.00	9.77	150	166	Horizontal

Note1: PK Margin=PK Limit - PK Value

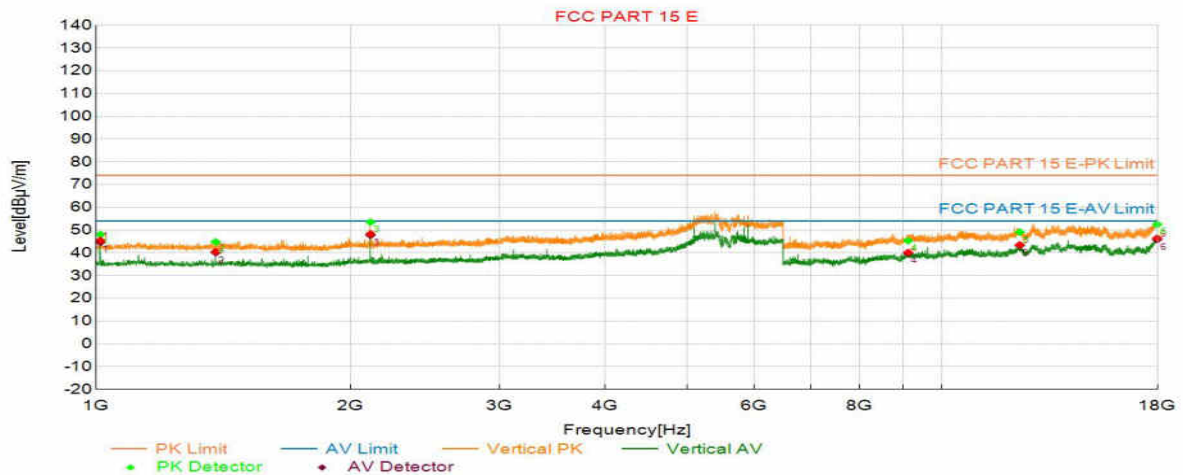
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5500	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 16:14:03

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.40	48.07	74.00	25.93	150	127	Vertical
2	1385.59	4.25	44.81	74.00	29.19	150	360	Vertical
3	2111.66	6.86	53.49	74.00	20.51	150	360	Vertical
4	9131.46	4.99	45.35	74.00	28.65	150	336	Vertical
5	12377.09	8.71	49.09	74.00	24.91	150	307	Vertical
6	17998.85	16.93	52.49	74.00	21.51	150	245	Vertical

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.40	44.65	54.00	9.35	150	127	Vertical
2	1385.59	4.25	40.06	54.00	13.94	150	360	Vertical
3	2111.66	6.86	47.72	54.00	6.28	150	360	Vertical
4	9131.46	4.99	39.80	54.00	14.20	150	336	Vertical
5	12377.09	8.71	43.17	54.00	10.83	150	307	Vertical
6	17998.85	16.93	45.83	54.00	8.17	150	245	Vertical

Note1: PK Margin=PK Limit - PK Value

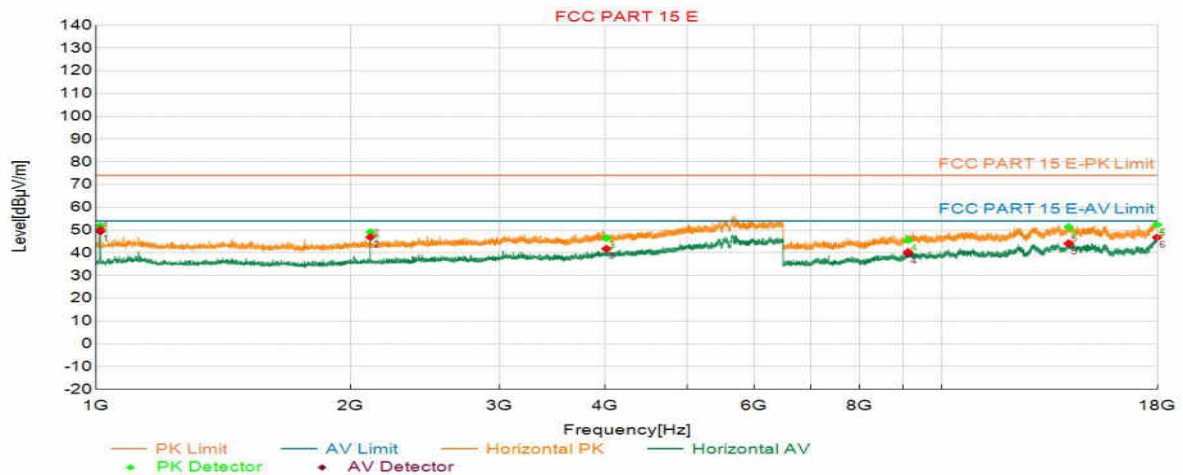
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5580	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:0		

Start of Test:2025-10-15 16:44:01

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.40	51.92	74.00	22.08	150	202	Horizontal
2	2111.66	6.86	49.11	74.00	24.89	150	83	Horizontal
3	4015.95	14.56	46.54	74.00	27.46	150	89	Horizontal
4	9130.31	4.99	45.57	74.00	28.43	150	8	Horizontal
5	14142.51	13.96	51.37	74.00	22.63	150	353	Horizontal
6	17991.95	16.94	52.37	74.00	21.63	150	248	Horizontal

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.40	49.39	54.00	4.61	150	202	Horizontal
2	2111.66	6.86	46.87	54.00	7.13	150	83	Horizontal
3	4015.95	14.56	41.72	54.00	12.28	150	89	Horizontal
4	9130.31	4.99	39.65	54.00	14.35	150	8	Horizontal
5	14142.51	13.96	43.94	54.00	10.06	150	353	Horizontal
6	17991.95	16.94	46.73	54.00	7.27	150	248	Horizontal

Note1: PK Margin=PK Limit - PK Value

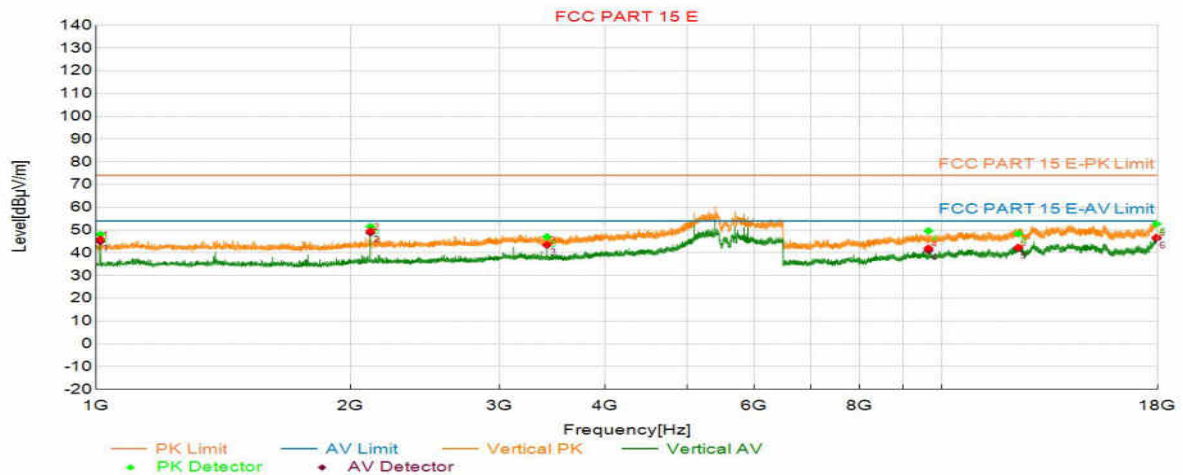
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5580	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:0		

Start of Test:2025-10-15 16:40:36

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.40	48.12	74.00	25.88	150	195	Vertical
2	2111.66	6.86	51.53	74.00	22.47	150	153	Vertical
3	3415.29	11.43	47.02	74.00	26.98	150	174	Vertical
4	9652.47	5.60	49.66	74.00	24.34	150	186	Vertical
5	12327.63	8.98	48.41	74.00	25.59	150	186	Vertical
6	17968.95	16.96	52.69	74.00	21.31	150	110	Vertical

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.40	45.03	54.00	8.97	150	195	Vertical
2	2111.66	6.86	48.85	54.00	5.15	150	153	Vertical
3	3415.29	11.43	43.39	54.00	10.61	150	174	Vertical
4	9652.47	5.60	41.09	54.00	12.91	150	186	Vertical
5	12327.63	8.98	42.00	54.00	12.00	150	186	Vertical
6	17968.95	16.96	46.28	54.00	7.72	150	110	Vertical

Note1: PK Margin=PK Limit - PK Value

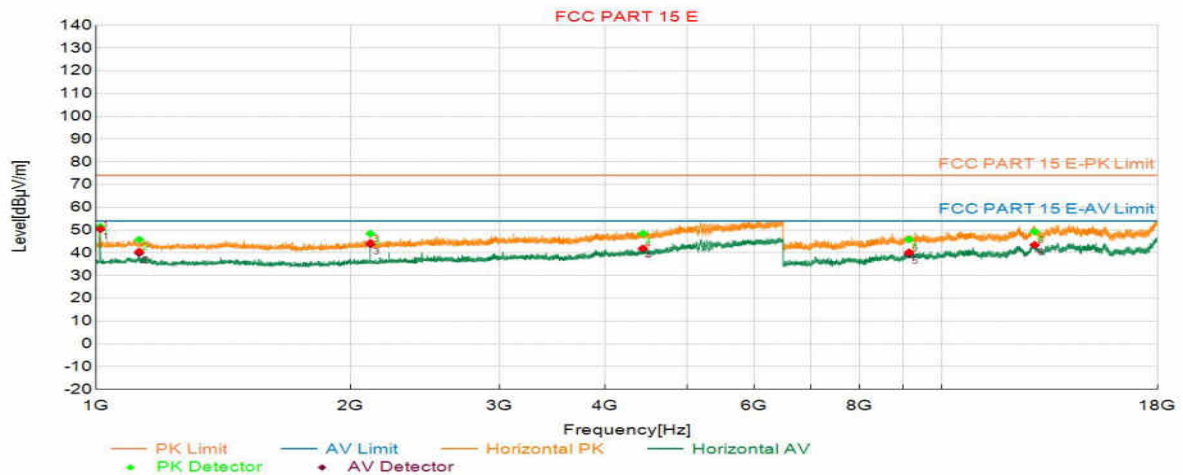
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5700	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 16:49:15

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	51.59	74.00	22.41	150	206	Horizontal
2	1124.86	2.77	45.85	74.00	28.15	150	104	Horizontal
3	2111.66	6.77	48.44	74.00	25.56	150	28	Horizontal
4	4435.64	16.06	48.46	74.00	25.54	150	173	Horizontal
5	9155.62	5.08	45.85	74.00	28.15	150	287	Horizontal
6	12890.04	10.88	49.26	74.00	24.74	150	30	Horizontal

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.38	50.37	54.00	3.63	150	206	Horizontal
2	1124.86	2.77	39.84	54.00	14.16	150	104	Horizontal
3	2111.66	6.77	43.81	54.00	10.19	150	28	Horizontal
4	4435.64	16.06	41.79	54.00	12.21	150	173	Horizontal
5	9155.62	5.08	39.51	54.00	14.49	150	287	Horizontal
6	12890.04	10.88	43.34	54.00	10.66	150	30	Horizontal

Note1: PK Margin=PK Limit - PK Value

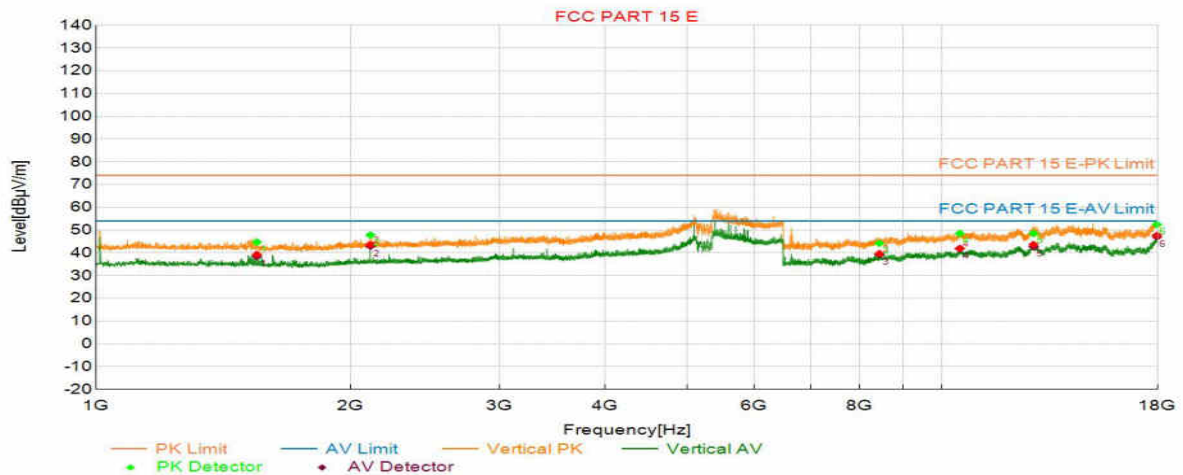
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5700	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:1		

Start of Test:2025-10-15 16:50:28

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1550.06	4.48	44.71	74.00	29.29	150	105	Vertical
2	2111.66	6.77	47.81	74.00	26.19	150	43	Vertical
3	8447.14	3.51	44.20	74.00	29.80	150	350	Vertical
4	10515.05	7.99	48.52	74.00	25.48	150	140	Vertical
5	12850.94	10.85	48.51	74.00	25.49	150	23	Vertical
6	17986.20	16.94	52.42	74.00	21.58	150	2	Vertical

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1550.06	4.48	38.41	54.00	15.59	150	105	Vertical
2	2111.66	6.77	42.91	54.00	11.09	150	43	Vertical
3	8447.14	3.51	39.23	54.00	14.77	150	350	Vertical
4	10515.05	7.99	41.86	54.00	12.14	150	140	Vertical
5	12850.94	10.85	42.69	54.00	11.31	150	23	Vertical
6	17986.20	16.94	46.98	54.00	7.02	150	2	Vertical

Note1: PK Margin=PK Limit - PK Value

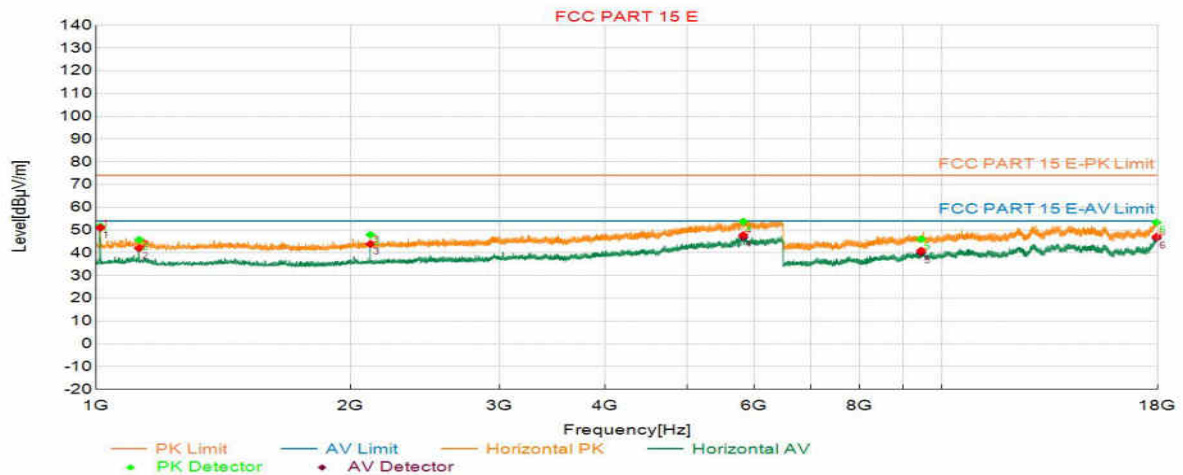
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5745	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:0		

Start of Test:2025-10-15 17:39:24

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.31	51.77	74.00	22.23	150	205	Horizontal
2	1124.86	2.74	45.80	74.00	28.20	150	108	Horizontal
3	2111.66	6.76	47.97	74.00	26.03	150	290	Horizontal
4	5829.48	23.78	53.77	74.00	20.23	150	268	Horizontal
5	9462.70	6.55	46.05	74.00	27.95	150	285	Horizontal
6	17972.40	16.95	53.43	74.00	20.57	150	63	Horizontal

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.31	50.92	54.00	3.08	150	205	Horizontal
2	1124.86	2.74	41.91	54.00	12.09	150	108	Horizontal
3	2111.66	6.76	43.88	54.00	10.12	150	290	Horizontal
4	5829.48	23.78	46.93	54.00	7.07	150	268	Horizontal
5	9462.70	6.55	40.03	54.00	13.97	150	285	Horizontal
6	17972.40	16.95	46.43	54.00	7.57	150	63	Horizontal

Note1: PK Margin=PK Limit - PK Value

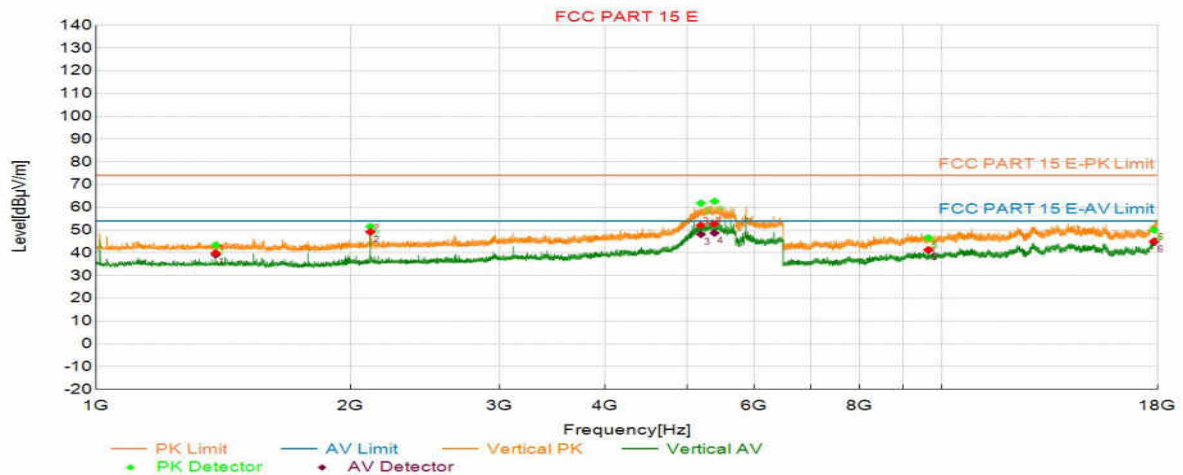
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5745	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:0		

Start of Test:2025-10-15 17:30:16

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1385.59	4.14	43.40	74.00	30.60	150	353	Vertical
2	2111.66	6.76	51.56	74.00	22.44	150	0	Vertical
3	5194.26	19.39	61.81	74.00	12.19	154.7	101.3	Vertical
4	5391.00	20.04	62.67	74.00	11.33	150.1	202.6	Vertical
5	9652.47	5.60	46.60	74.00	27.40	150	164	Vertical
6	17853.94	16.74	50.05	74.00	23.95	150	80	Vertical

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1385.59	4.14	39.19	54.00	14.81	150	353	Vertical
2	2111.66	6.76	49.14	54.00	4.86	150	0	Vertical
3	5194.26	19.39	48.12	54.00	5.88	154.7	101.3	Vertical
4	5391.00	20.04	48.71	54.00	5.29	150.1	202.6	Vertical
5	9652.47	5.60	41.18	54.00	12.82	150	164	Vertical
6	17853.94	16.74	44.67	54.00	9.33	150	80	Vertical

Note1: PK Margin=PK Limit - PK Value

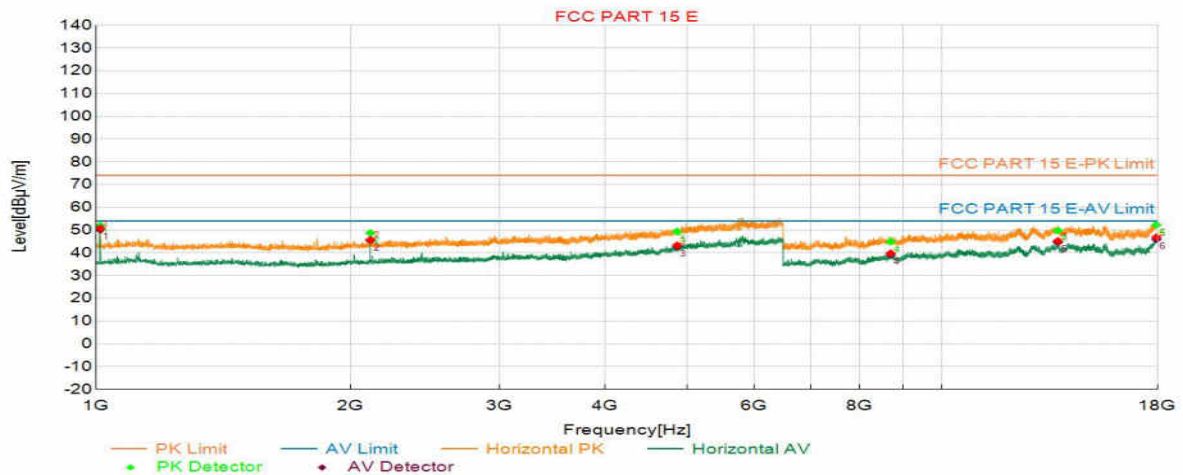
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Digital Console		
EUT:			
Model:	CTI-CMST01-SCRN	SN:	
Mode:	11A_5785	Voltage:	DC 24V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:	Power Set:0		

Start of Test:2025-10-15 17:45:04

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.31	51.98	74.00	22.02	150	205	Horizontal
2	2111.66	6.76	48.72	74.00	25.28	150	295	Horizontal
3	4867.99	18.39	49.40	74.00	24.60	150	246	Horizontal
4	8708.22	4.45	44.93	74.00	29.07	150	263	Horizontal
5	13730.77	13.23	49.78	74.00	24.22	150	358	Horizontal
6	17963.20	16.96	52.27	74.00	21.73	150	84	Horizontal

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.10	2.31	50.13	54.00	3.87	150	205	Horizontal
2	2111.66	6.76	45.48	54.00	8.52	150	295	Horizontal
3	4867.99	18.39	42.76	54.00	11.24	150	246	Horizontal
4	8708.22	4.45	39.17	54.00	14.83	150	263	Horizontal
5	13730.77	13.23	44.64	54.00	9.36	150	358	Horizontal
6	17963.20	16.96	45.99	54.00	8.01	150	84	Horizontal

Note1: PK Margin=PK Limit - PK Value

Note2: AV Margin=AV Limit - AV Value