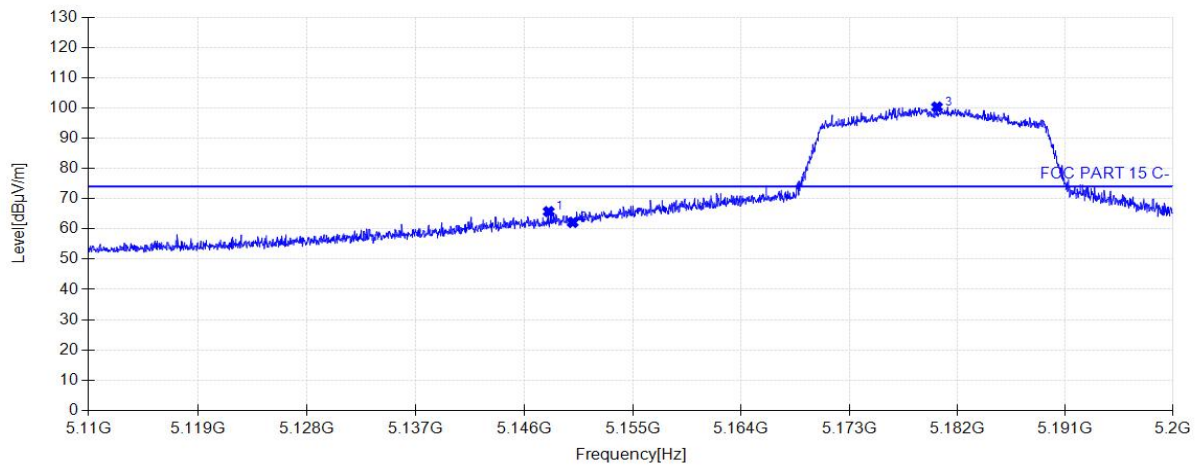


Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 2 at Channel 5180MHz		

Start of Test:2023-05-04 22:59:45

Test Graph

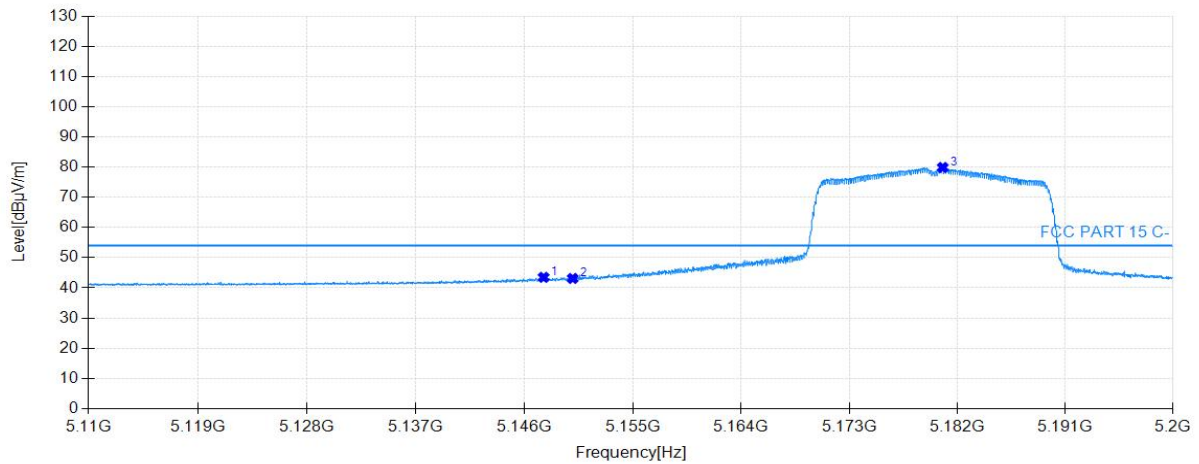


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.01	65.73	37.71	74.00	8.27	160	24	Vertical
2	5150.00	62.12	37.72	74.00	11.88	160	12	Vertical
3	5180.29	100.31	37.83	74.00	-26.31	160	64	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 2 at Channel 5180MHz		

Start of Test:2023-05-04 23:00:48

Test Graph

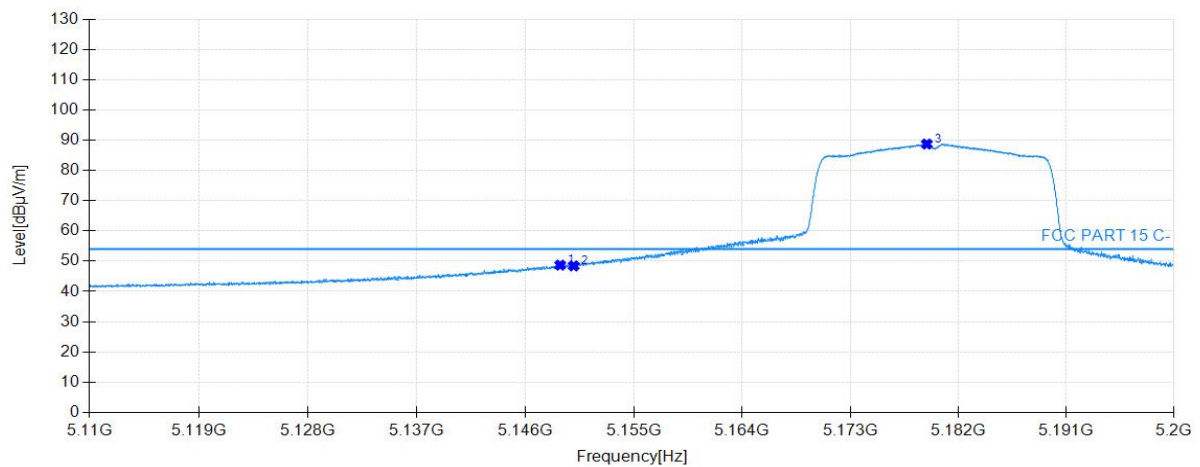


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.59	43.48	37.71	54.00	10.52	160	58	Horizontal
2	5150.00	43.12	37.72	54.00	10.88	160	353	Horizontal
3	5180.77	79.87	37.83	54.00	-25.87	160	58	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 2 at Channel 5180MHz		

Start of Test:2023-05-04 23:01:41

Test Graph

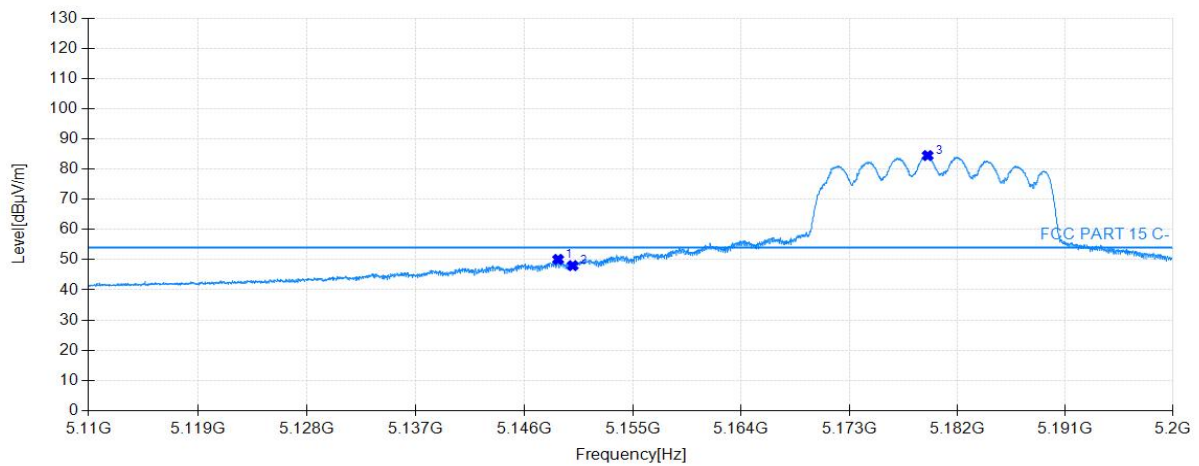


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.88	48.69	37.71	54.00	5.31	160	22	Vertical
2	5150.00	48.44	37.72	54.00	5.56	160	35	Vertical
3	5179.36	88.71	37.83	54.00	-34.71	160	29	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - CDD at Channel 5180MHz		

Start of Test:2023-05-04 23:03:31

Test Graph

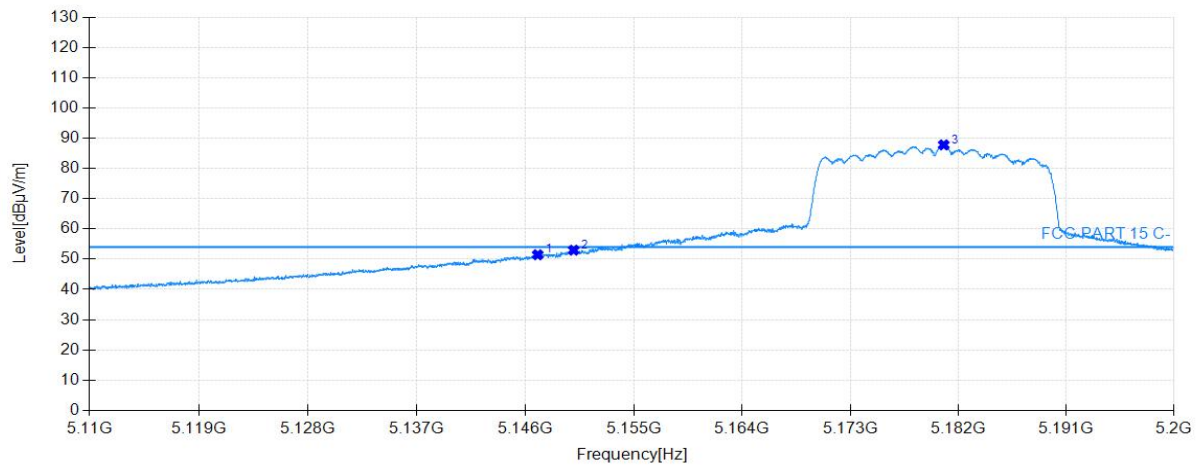


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.79	50.08	37.71	54.00	3.92	160	38	Horizontal
2	5150.00	48.01	37.72	54.00	5.99	160	38	Horizontal
3	5179.51	84.46	37.83	54.00	-30.46	160	38	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - CDD at Channel 5180MHz		

Start of Test:2023-05-04 23:04:23

Test Graph

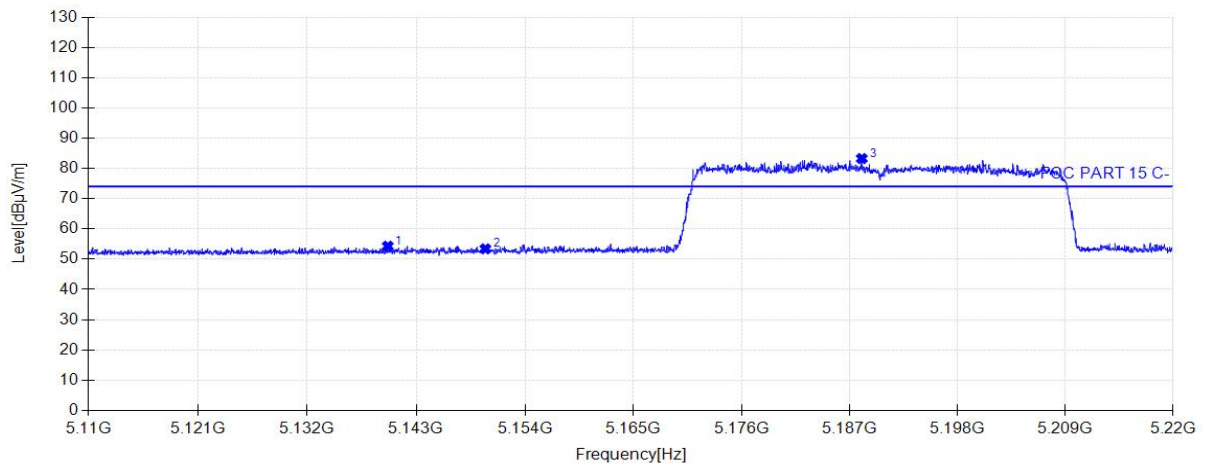


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.02	51.46	37.71	54.00	2.54	160	336	Vertical
2	5150.00	52.97	37.72	54.00	1.03	160	351	Vertical
3	5180.77	87.78	37.83	54.00	-33.78	160	1	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - Ant 0 at Channel 5190MHz		

Start of Test:2023-05-05 00:29:24

Test Graph

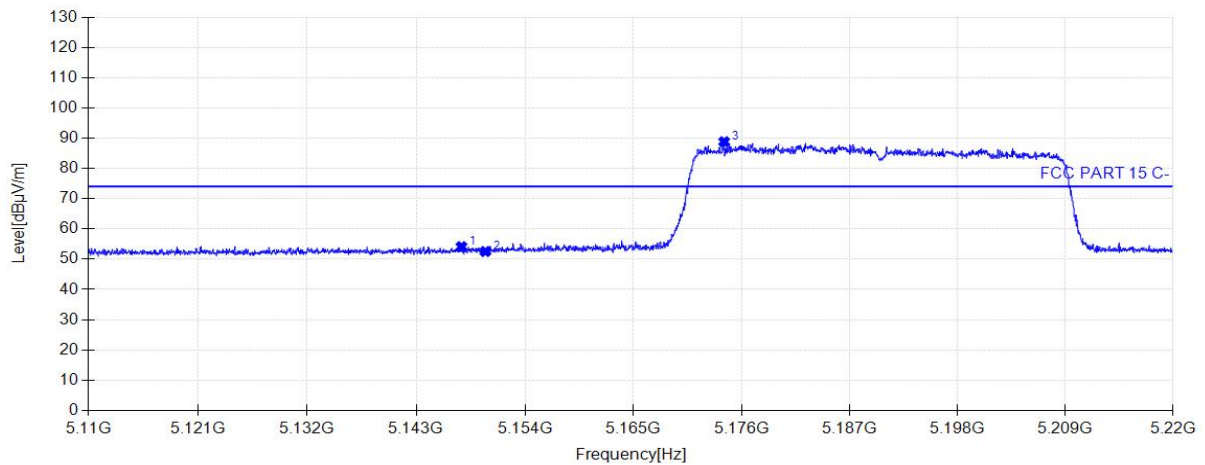


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5140.14	54.30	37.68	74.00	19.70	160	294	Horizontal
2	5150.00	53.41	37.72	74.00	20.59	160	217	Horizontal
3	5188.21	83.26	37.86	74.00	-9.26	160	34	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - Ant 0 at Channel 5190MHz		

Start of Test:2023-05-05 00:30:17

Test Graph

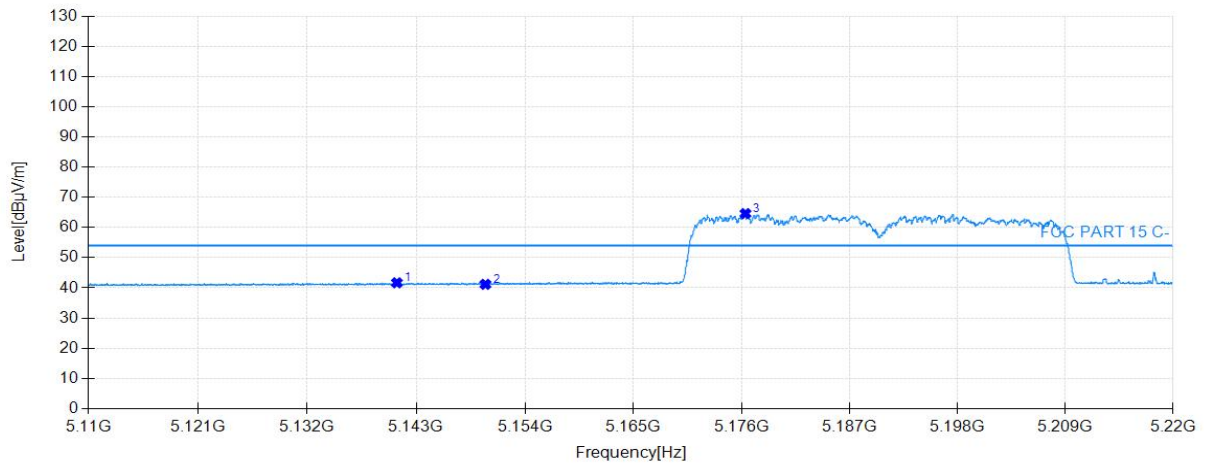


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.58	54.13	37.71	74.00	19.87	160	360	Vertical
2	5150.00	52.53	37.72	74.00	21.47	160	205	Vertical
3	5174.20	88.83	37.81	74.00	-14.83	160	349	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - Ant 0 at Channel 5190MHz		

Start of Test:2023-05-05 00:31:23

Test Graph

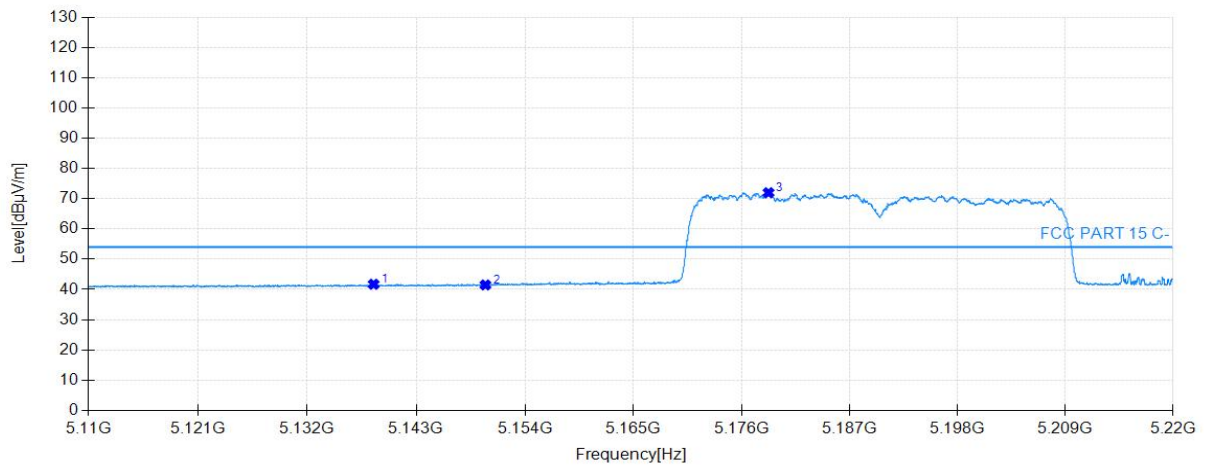


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5141.05	41.67	37.68	54.00	12.33	160	99	Horizontal
2	5150.00	41.17	37.72	54.00	12.83	160	65	Horizontal
3	5176.36	64.59	37.82	54.00	-10.59	160	37	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - Ant 0 at Channel 5190MHz		

Start of Test:2023-05-05 00:32:16

Test Graph

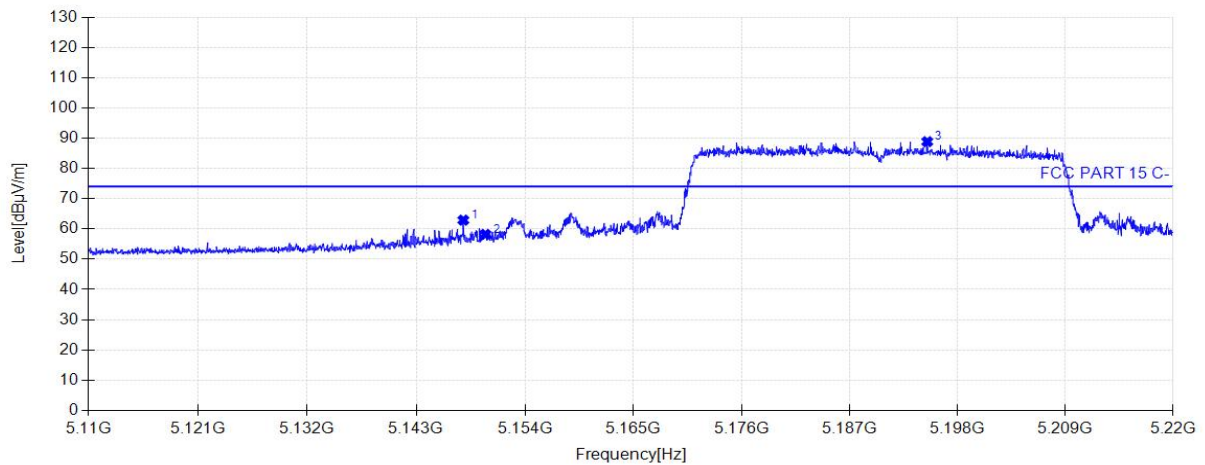


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5138.71	41.71	37.67	54.00	12.29	160	360	Vertical
2	5150.00	41.48	37.72	54.00	12.52	160	204	Vertical
3	5178.71	71.97	37.83	54.00	-17.97	160	342	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - Ant 1 at Channel 5190MHz		

Start of Test:2023-05-04 23:08:59

Test Graph

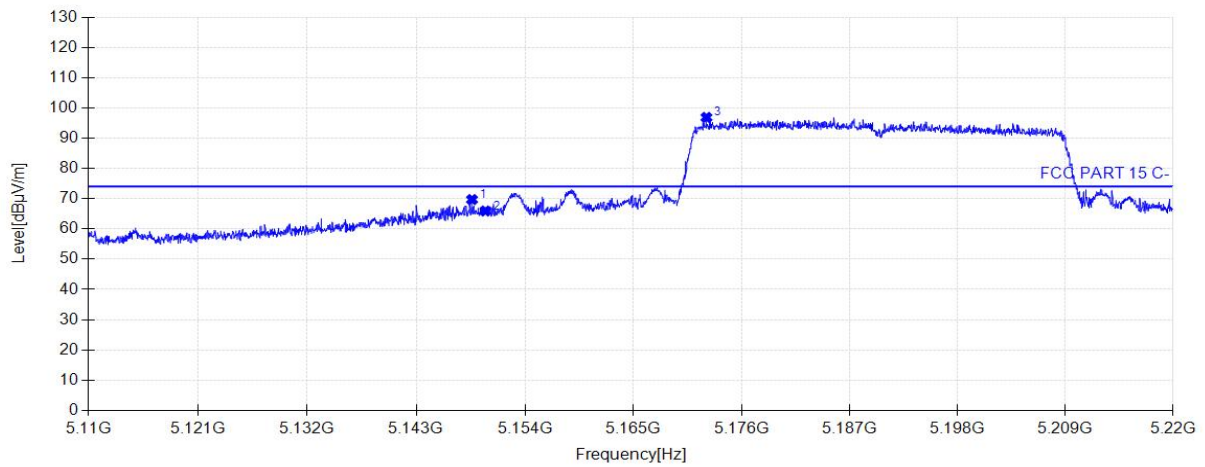


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.76	62.90	37.71	74.00	11.10	160	37	Horizontal
2	5150.00	58.20	37.72	74.00	15.80	160	37	Horizontal
3	5194.88	88.84	37.89	74.00	-14.84	160	37	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - Ant 1 at Channel 5190MHz		

Start of Test:2023-05-04 23:09:52

Test Graph

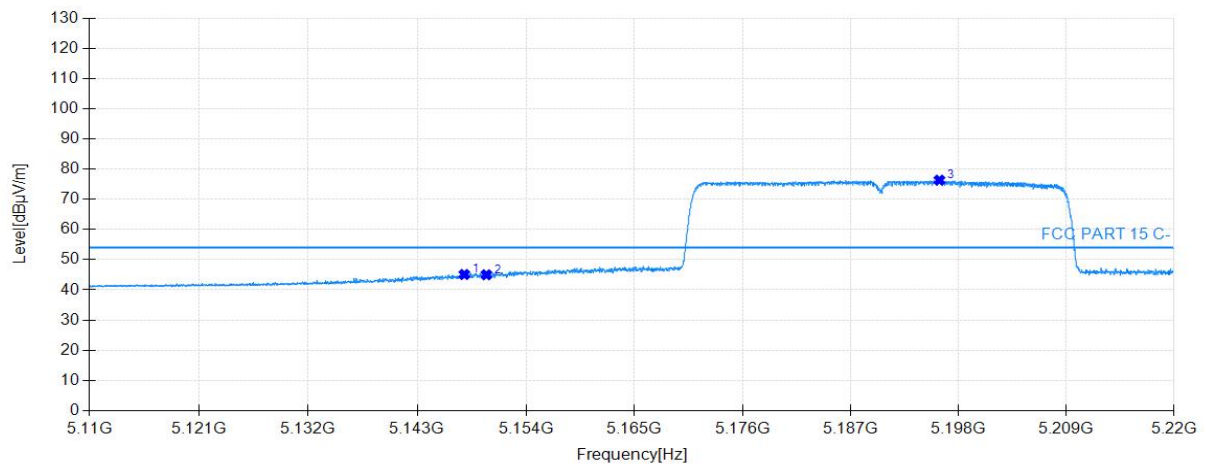


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.64	69.70	37.71	74.00	4.30	160	351	Vertical
2	5150.00	65.92	37.72	74.00	8.08	160	330	Vertical
3	5172.40	96.85	37.80	74.00	-22.85	160	344	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - Ant 1 at Channel 5190MHz		

Start of Test:2023-05-04 23:12:08

Test Graph

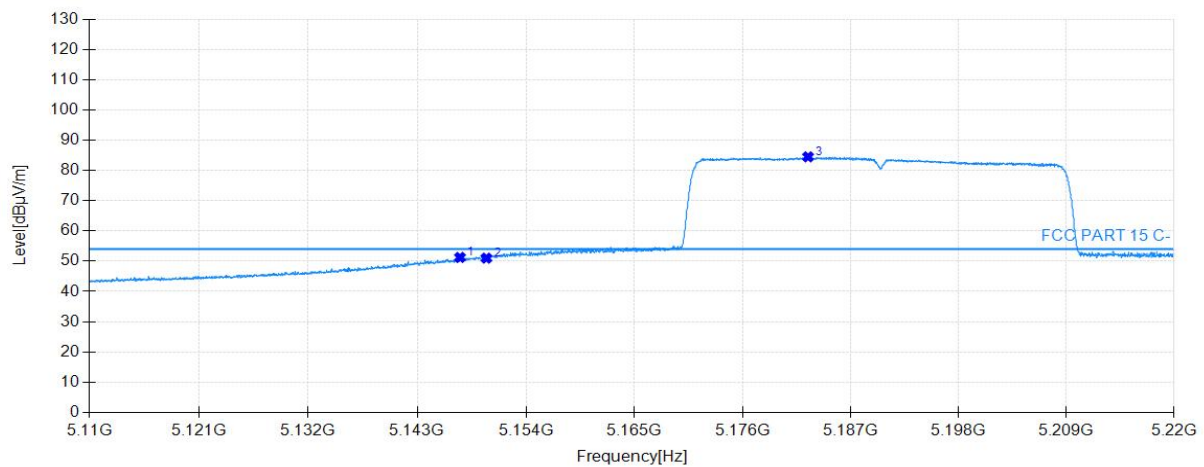


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.76	45.09	37.71	54.00	8.91	160	36	Horizontal
2	5150.00	45.00	37.72	54.00	9.00	160	36	Horizontal
3	5196.02	76.32	37.89	54.00	-22.32	160	36	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - Ant 1 at Channel 5190MHz		

Start of Test:2023-05-04 23:13:01

Test Graph

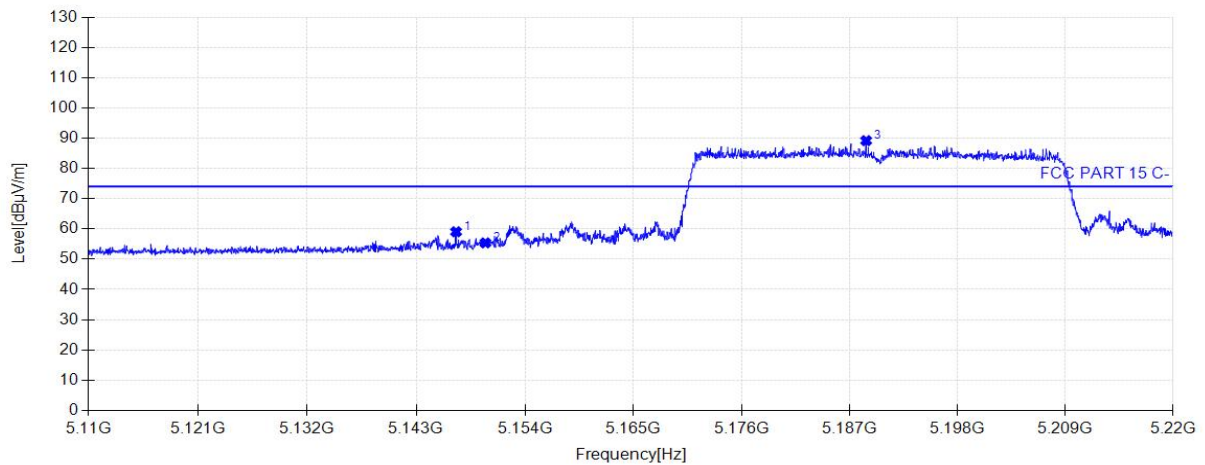


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.32	51.24	37.71	54.00	2.76	160	353	Vertical
2	5150.00	51.00	37.72	54.00	3.00	160	343	Vertical
3	5182.63	84.48	37.84	54.00	-30.48	160	343	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - Ant 2 at Channel 5190MHz		

Start of Test:2023-05-04 23:14:54

Test Graph

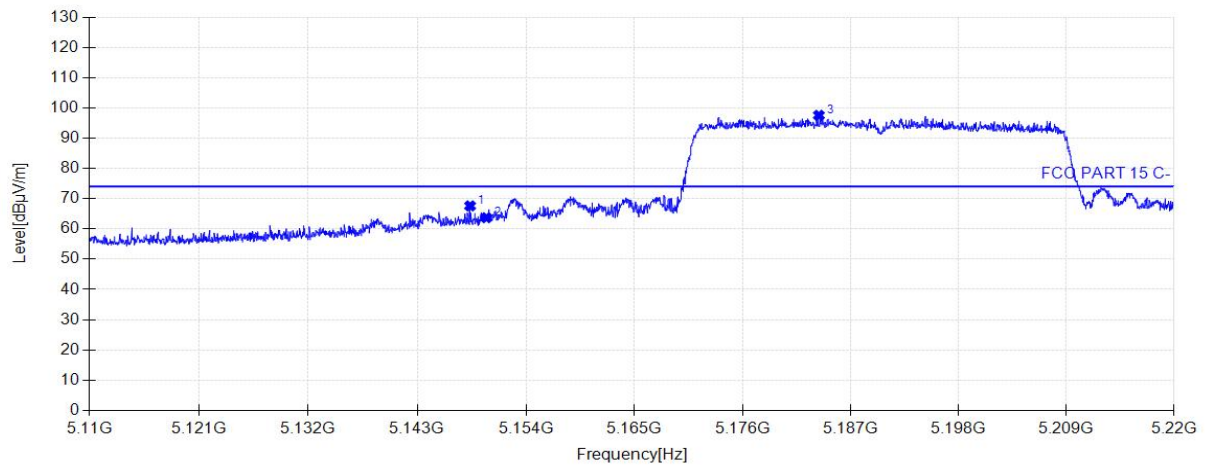


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.03	59.06	37.71	74.00	14.94	160	64	Horizontal
2	5150.00	55.38	37.72	74.00	18.62	160	21	Horizontal
3	5188.65	89.17	37.86	74.00	-15.17	160	57	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - Ant 2 at Channel 5190MHz		

Start of Test:2023-05-04 23:15:47

Test Graph

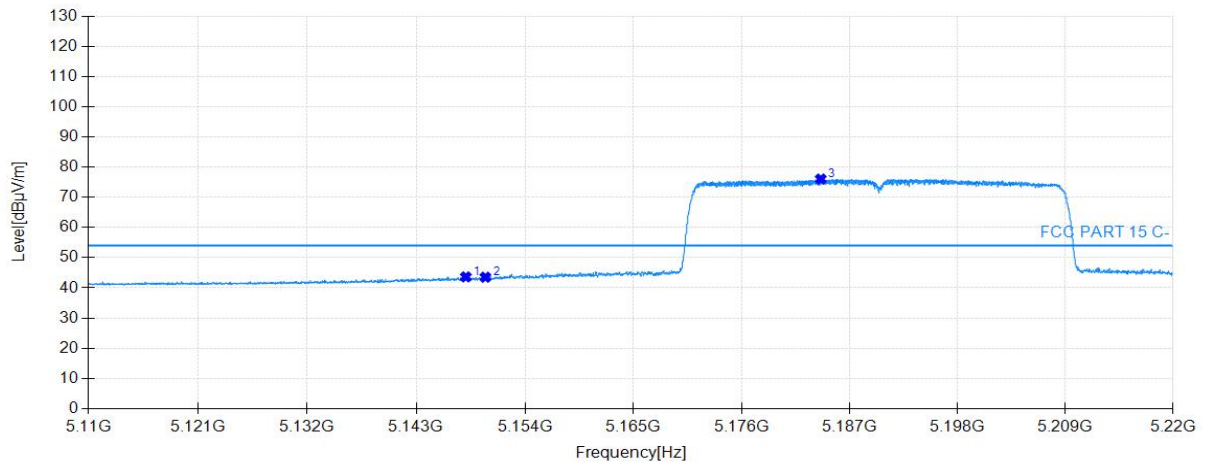


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.35	67.61	37.71	74.00	6.39	160	66	Vertical
2	5150.00	63.70	37.72	74.00	10.30	160	66	Vertical
3	5183.73	97.55	37.84	74.00	-23.55	160	24	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - Ant 2 at Channel 5190MHz		

Start of Test:2023-05-04 23:16:50

Test Graph

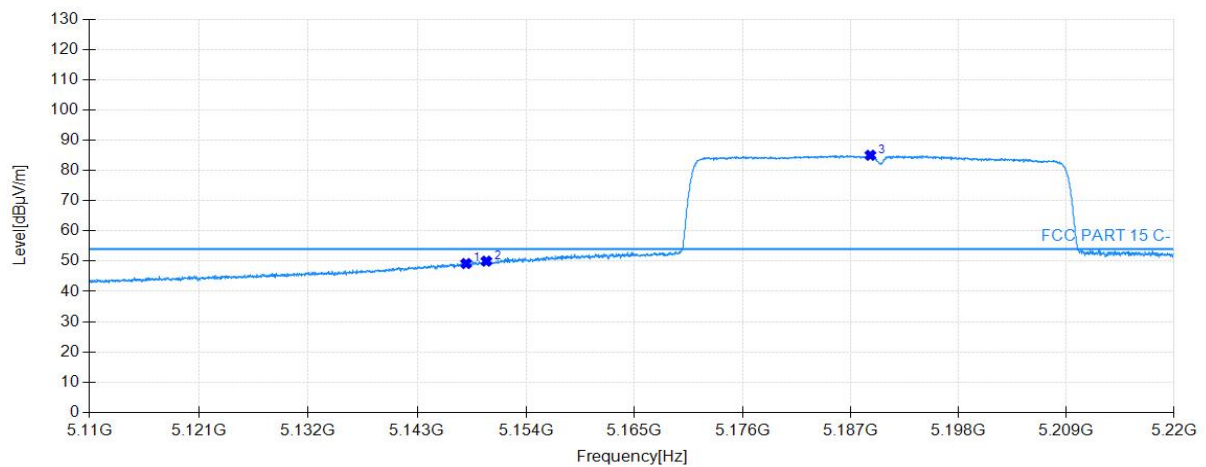


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.02	43.62	37.71	54.00	10.38	160	61	Horizontal
2	5150.00	43.52	37.72	54.00	10.48	160	61	Horizontal
3	5184.03	76.03	37.85	54.00	-22.03	160	61	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - Ant 2 at Channel 5190MHz		

Start of Test:2023-05-04 23:17:43

Test Graph

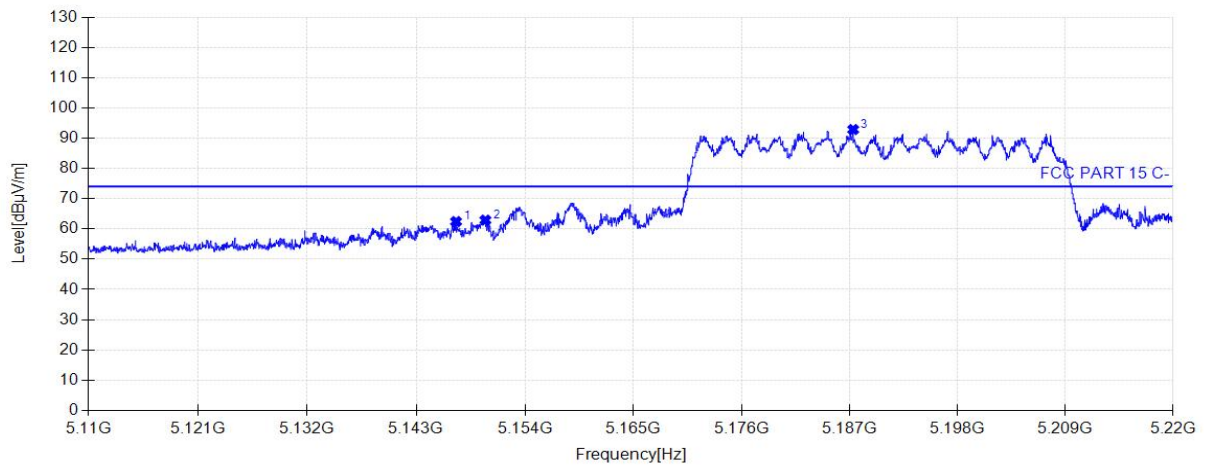


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.95	49.21	37.71	54.00	4.79	160	37	Vertical
2	5150.00	50.00	37.72	54.00	4.00	160	30	Vertical
3	5188.98	85.01	37.86	54.00	-31.01	160	30	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - CDD at Channel 5190MHz		

Start of Test:2023-05-04 23:19:31

Test Graph

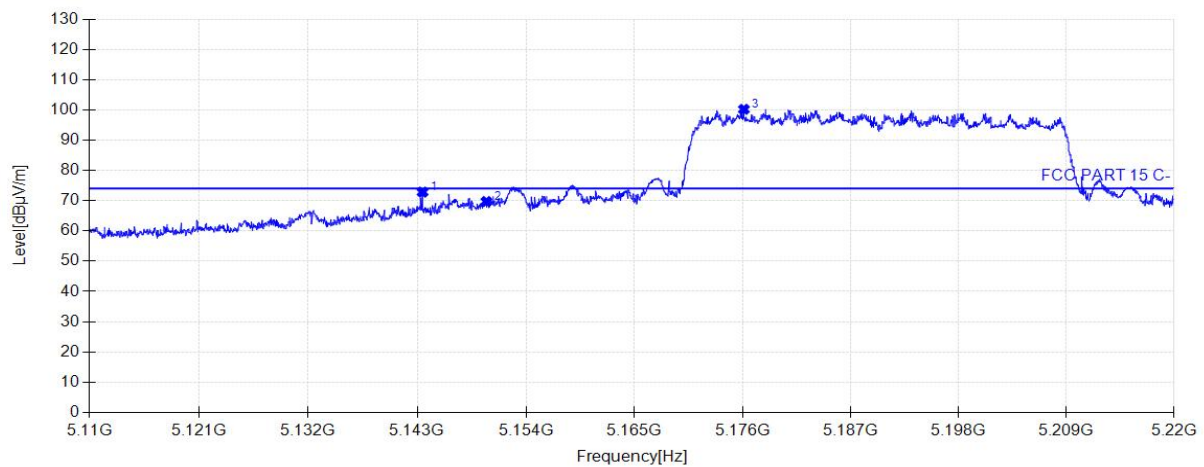


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.03	62.43	37.71	74.00	11.57	160	34	Horizontal
2	5150.00	62.91	37.72	74.00	11.09	160	28	Horizontal
3	5187.33	92.85	37.86	74.00	-18.85	160	34	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - CDD at Channel 5190MHz		

Start of Test:2023-05-04 23:20:23

Test Graph

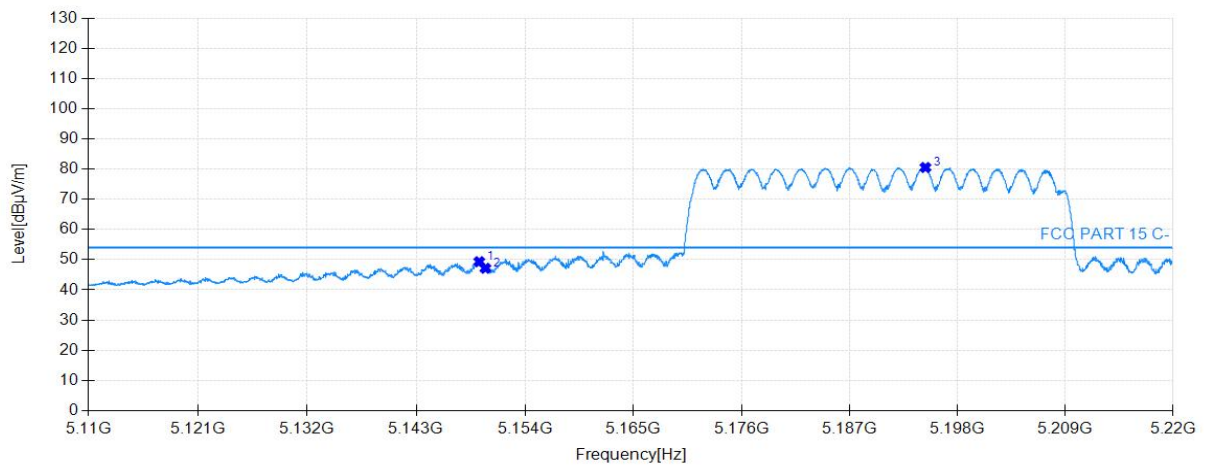


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5143.55	72.83	37.69	74.00	1.17	160	357	Vertical
2	5150.00	69.71	37.72	74.00	4.29	160	86	Vertical
3	5176.11	100.19	37.82	74.00	-26.19	160	4	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - CDD at Channel 5190MHz		

Start of Test:2023-05-04 23:21:29

Test Graph

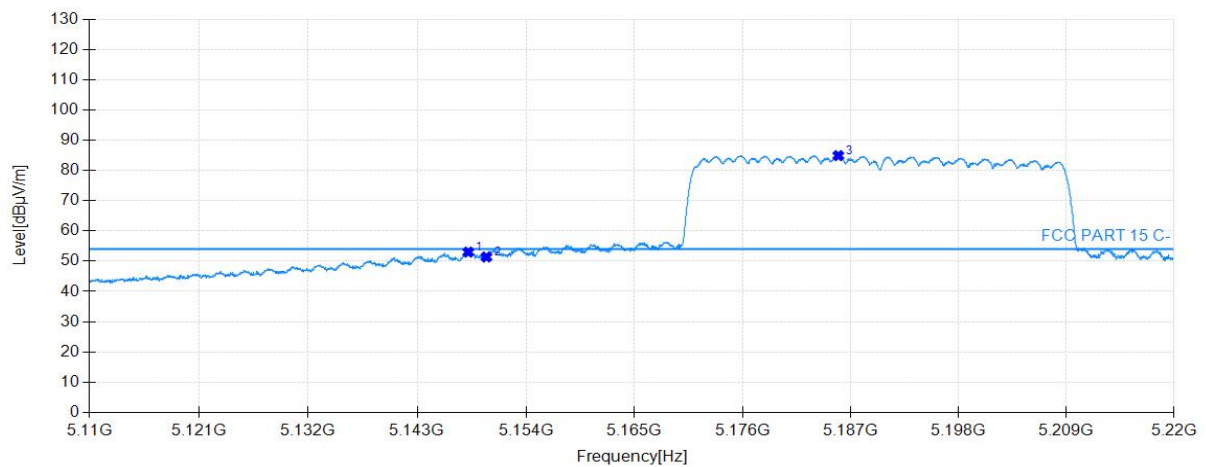


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5149.38	49.34	37.71	54.00	4.66	160	30	Horizontal
2	5150.00	47.15	37.72	54.00	6.85	160	30	Horizontal
3	5194.70	80.52	37.89	54.00	-26.52	160	37	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac40 - CDD at Channel 5190MHz		

Start of Test:2023-05-04 23:22:21

Test Graph

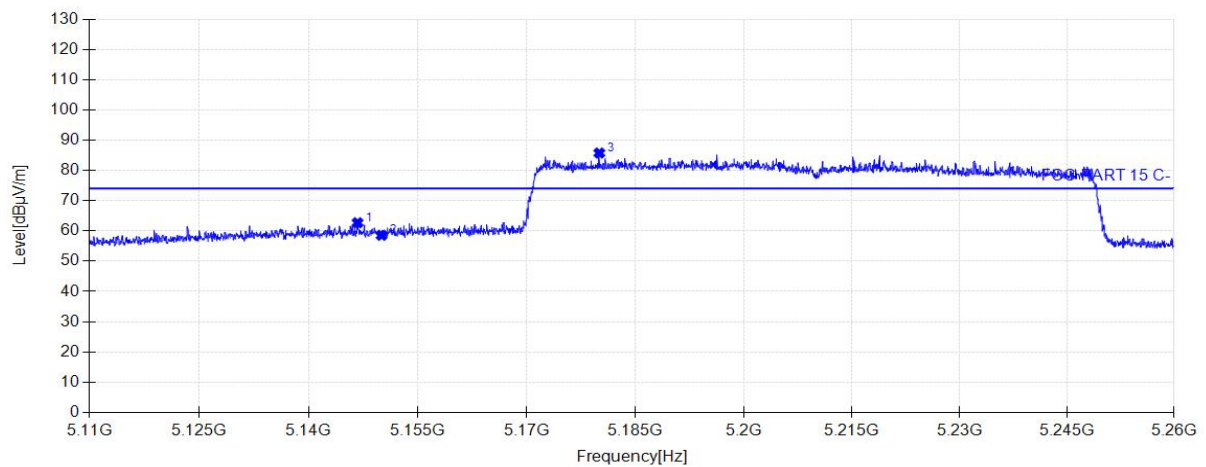


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.17	53.00	37.71	54.00	1.00	160	353	Vertical
2	5150.00	51.38	37.72	54.00	2.62	160	360	Vertical
3	5185.71	84.88	37.85	54.00	-30.88	160	359	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 0 at Channel 5210MHz		

Start of Test:2023-05-05 00:44:09

Test Graph

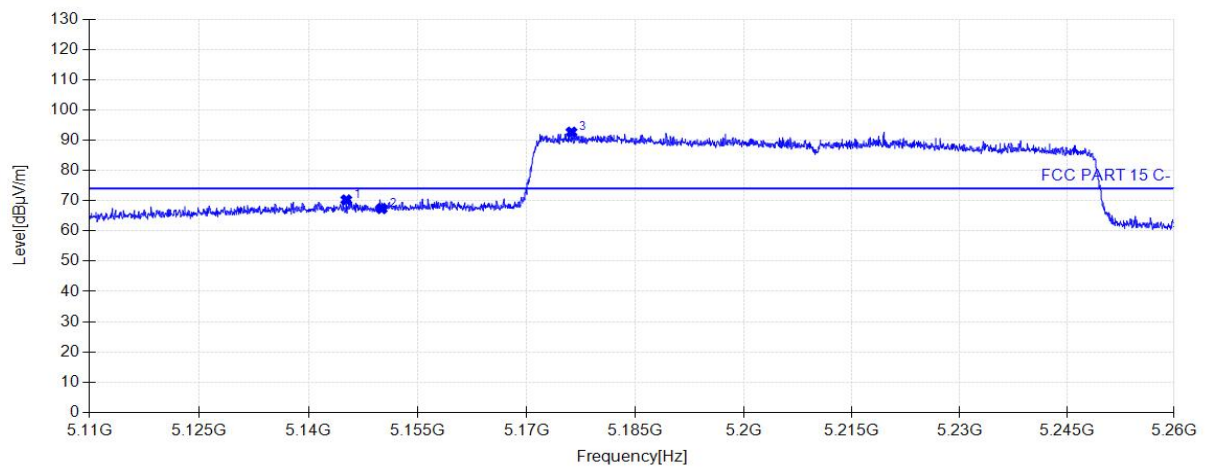


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5146.70	62.70	37.70	74.00	11.30	160	37	Horizontal
2	5150.00	58.56	37.72	74.00	15.44	160	30	Horizontal
3	5180.00	85.74	37.83	74.00	-11.74	160	37	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 0 at Channel 5210MHz		

Start of Test:2023-05-05 00:45:02

Test Graph

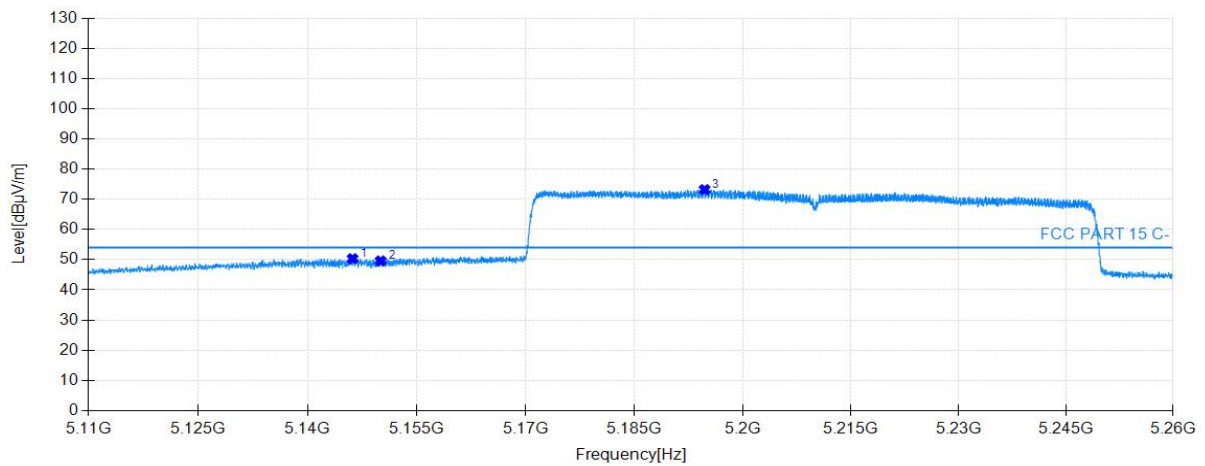


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.15	70.26	37.70	74.00	3.74	160	344	Vertical
2	5150.00	67.38	37.72	74.00	6.62	160	0	Vertical
3	5176.15	92.65	37.82	74.00	-18.65	160	351	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 0 at Channel 5210MHz		

Start of Test:2023-05-05 00:46:06

Test Graph

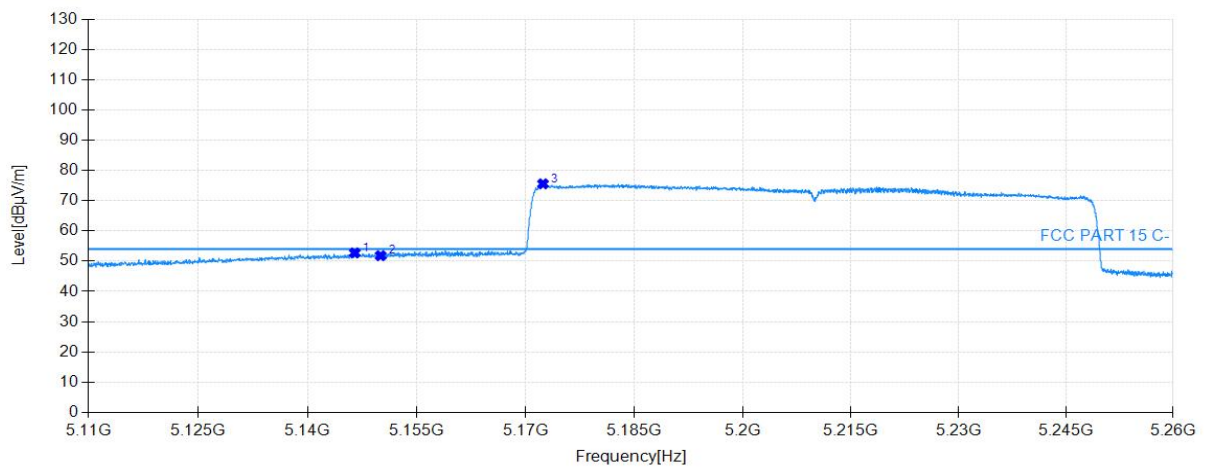


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5146.15	50.31	37.70	54.00	3.69	160	37	Horizontal
2	5150.00	49.57	37.72	54.00	4.43	160	37	Horizontal
3	5194.70	73.19	37.89	54.00	-19.19	160	37	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 0 at Channel 5210MHz		

Start of Test:2023-05-05 00:46:59

Test Graph

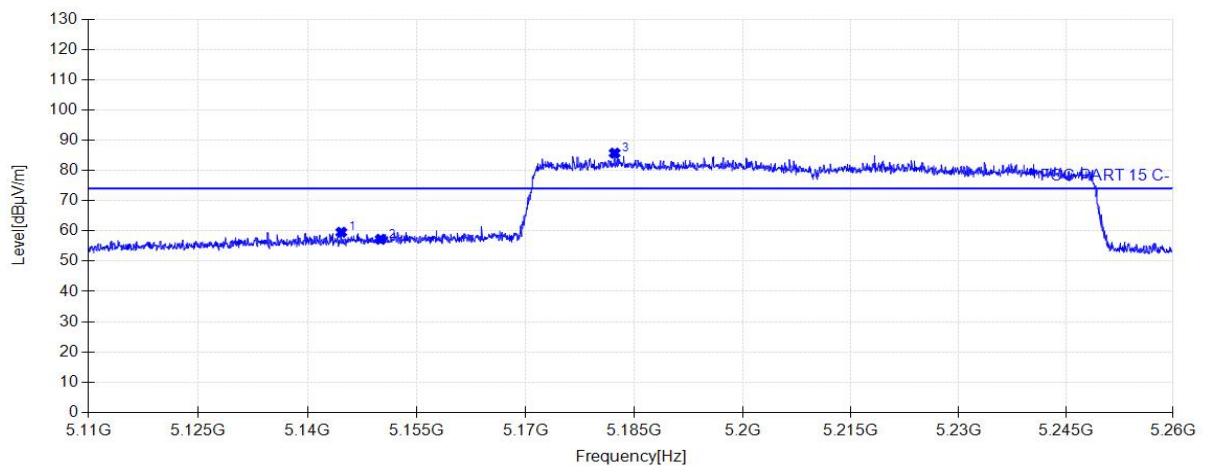


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5146.45	52.73	37.70	54.00	1.27	160	345	Vertical
2	5150.00	51.81	37.72	54.00	2.19	160	351	Vertical
3	5172.35	75.56	37.80	54.00	-21.56	160	345	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 1 at Channel 5210MHz		

Start of Test:2023-05-04 23:24:53

Test Graph

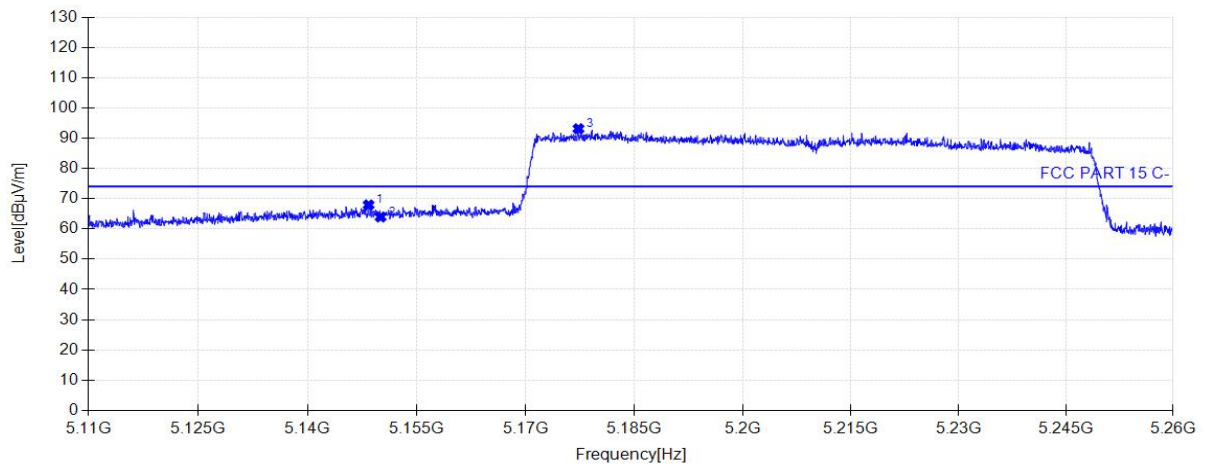


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.60	59.55	37.70	74.00	14.45	160	28	Horizontal
2	5150.00	57.24	37.72	74.00	16.76	160	35	Horizontal
3	5182.25	85.71	37.84	74.00	-11.71	160	28	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 1 at Channel 5210MHz		

Start of Test:2023-05-04 23:25:46

Test Graph

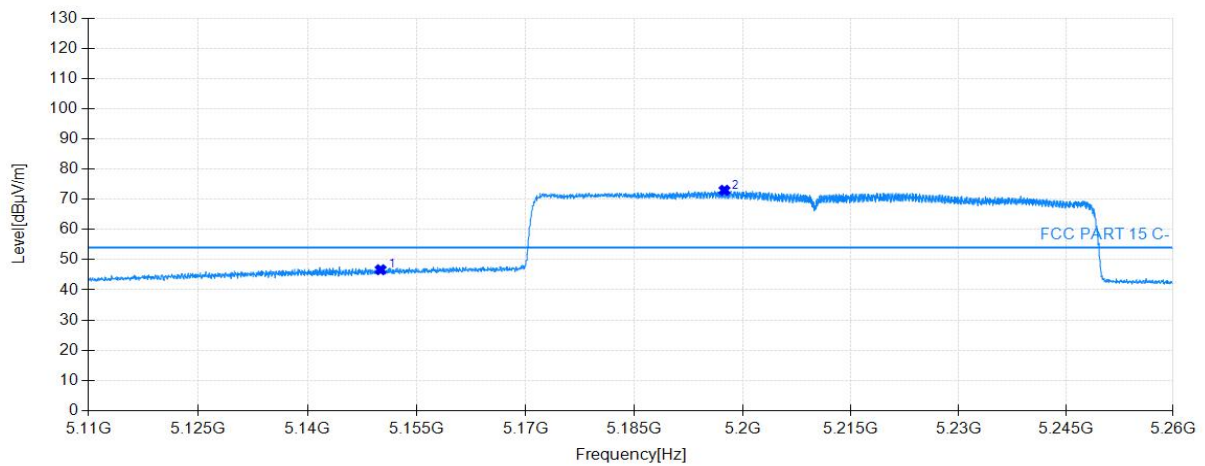


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.35	67.93	37.71	74.00	6.07	160	337	Vertical
2	5150.00	63.95	37.72	74.00	10.05	160	348	Vertical
3	5177.25	93.11	37.82	74.00	-19.11	160	359	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 1 at Channel 5210MHz		

Start of Test:2023-05-04 23:26:57

Test Graph

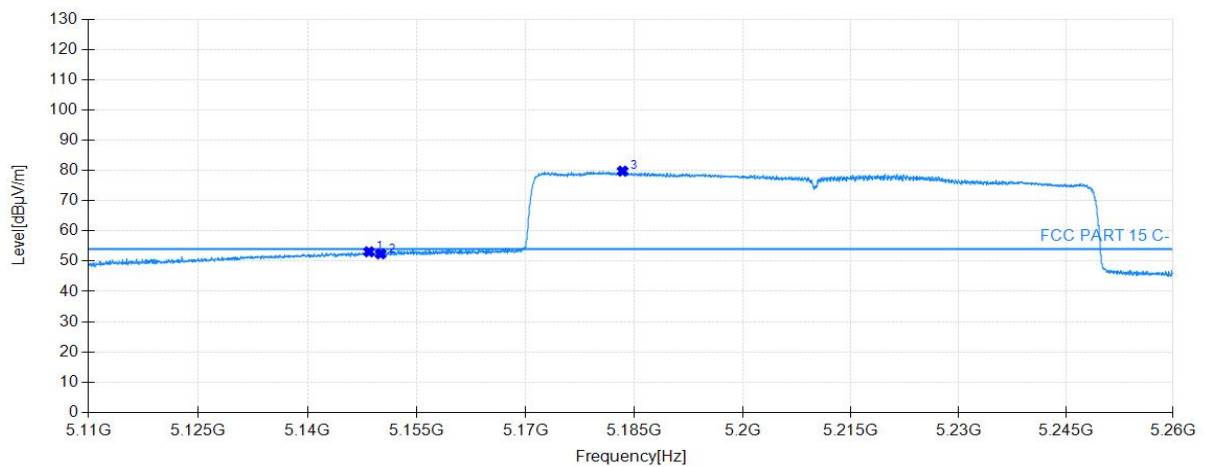


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5150.00	46.66	37.72	54.00	7.34	160	35	Horizontal
2	5197.45	72.96	37.90	54.00	-18.96	160	35	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 1 at Channel 5210MHz		

Start of Test:2023-05-04 23:27:50

Test Graph

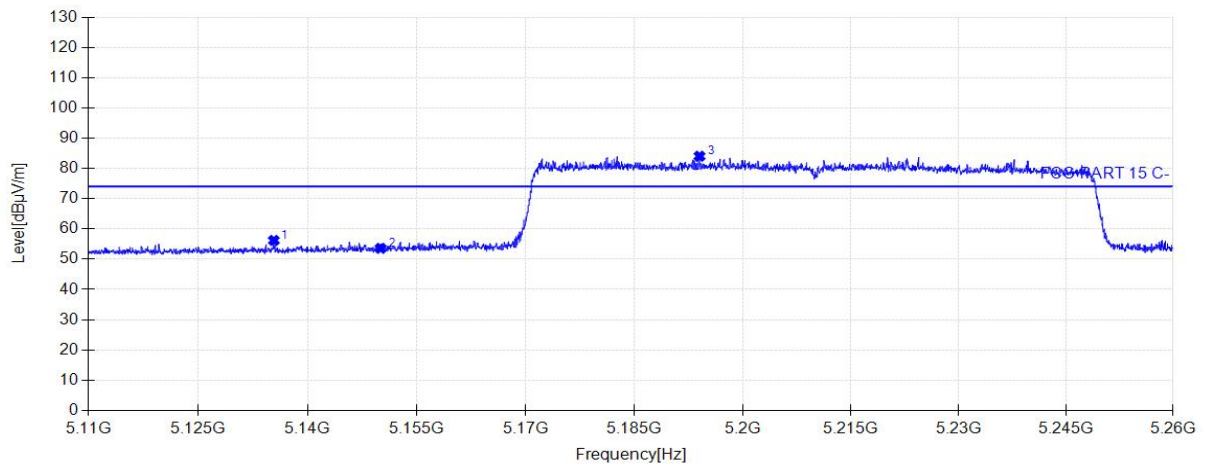


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.40	53.10	37.71	54.00	0.90	160	353	Vertical
2	5150.00	52.42	37.72	54.00	1.58	160	353	Vertical
3	5183.35	79.76	37.84	54.00	-25.76	160	342	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 2 at Channel 5210MHz		

Start of Test:2023-05-04 23:29:34

Test Graph

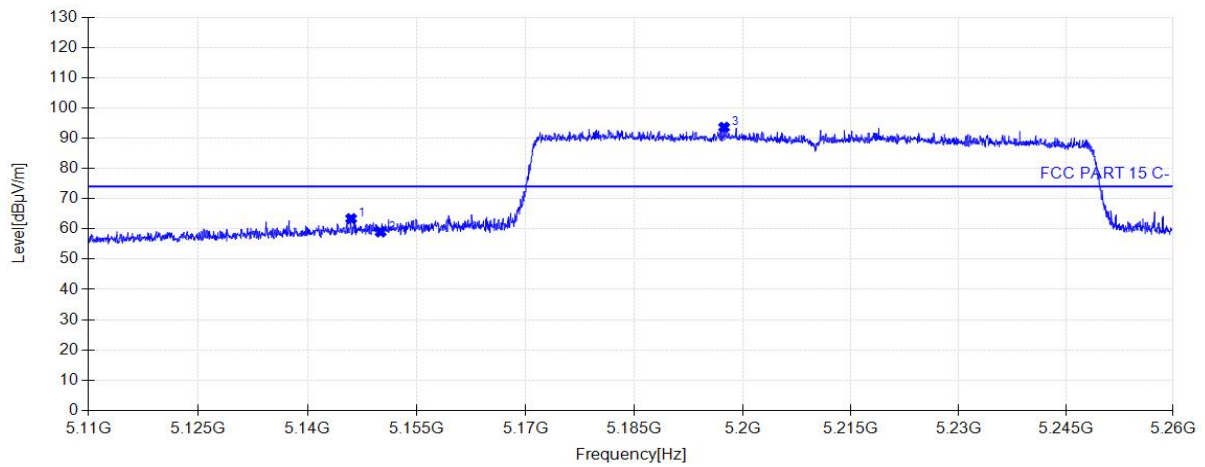


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5135.35	56.20	37.66	74.00	17.80	160	56	Horizontal
2	5150.00	53.59	37.72	74.00	20.41	160	29	Horizontal
3	5194.00	84.03	37.88	74.00	-10.03	160	36	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 2 at Channel 5210MHz		

Start of Test:2023-05-04 23:30:27

Test Graph

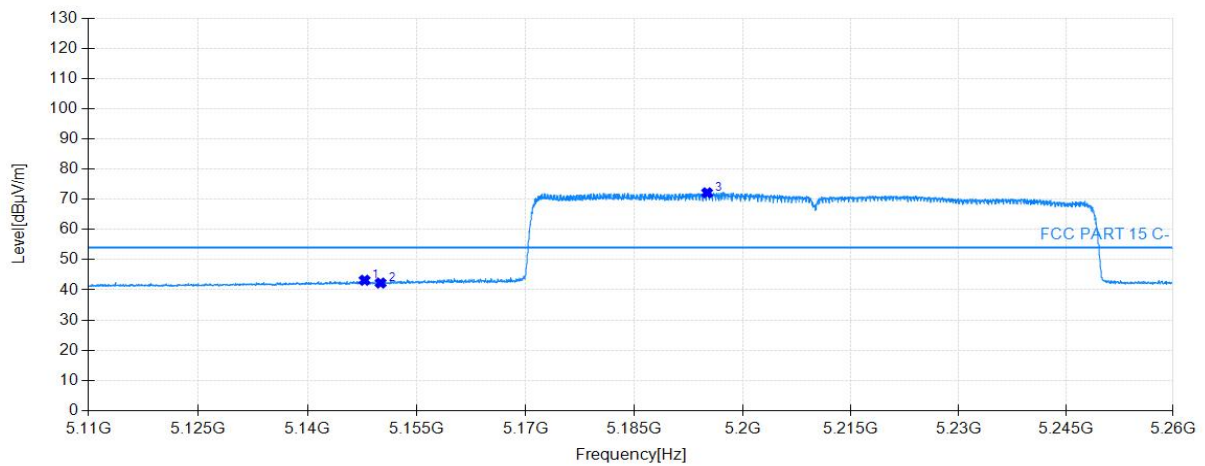


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.95	63.40	37.70	74.00	10.60	160	22	Vertical
2	5150.00	59.00	37.72	74.00	15.00	160	36	Vertical
3	5197.40	93.60	37.90	74.00	-19.60	160	29	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 2 at Channel 5210MHz		

Start of Test:2023-05-04 23:31:30

Test Graph

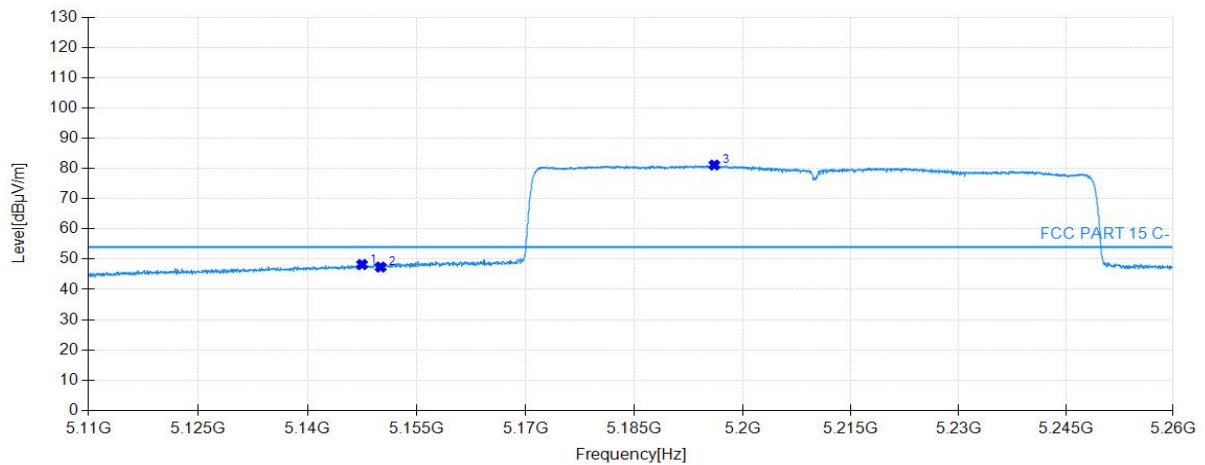


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.80	43.18	37.71	54.00	10.82	160	56	Horizontal
2	5150.00	42.26	37.72	54.00	11.74	160	350	Horizontal
3	5195.05	72.14	37.89	54.00	-18.14	160	56	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 2 at Channel 5210MHz		

Start of Test:2023-05-04 23:32:23

Test Graph

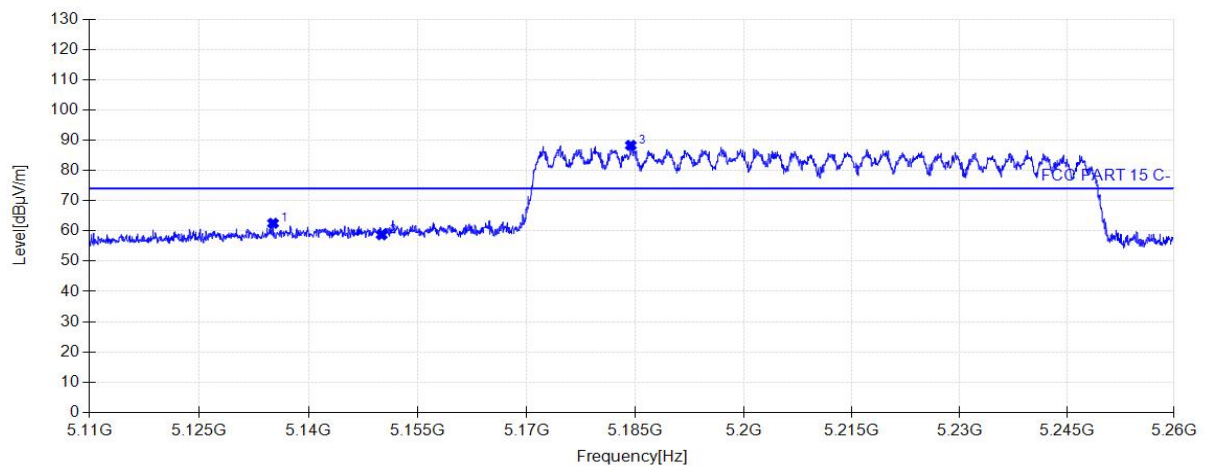


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.45	48.24	37.71	54.00	5.76	160	65	Vertical
2	5150.00	47.40	37.72	54.00	6.60	160	24	Vertical
3	5196.05	81.12	37.89	54.00	-27.12	160	31	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - CDD at Channel 5210MHz		

Start of Test:2023-05-04 23:34:09

Test Graph

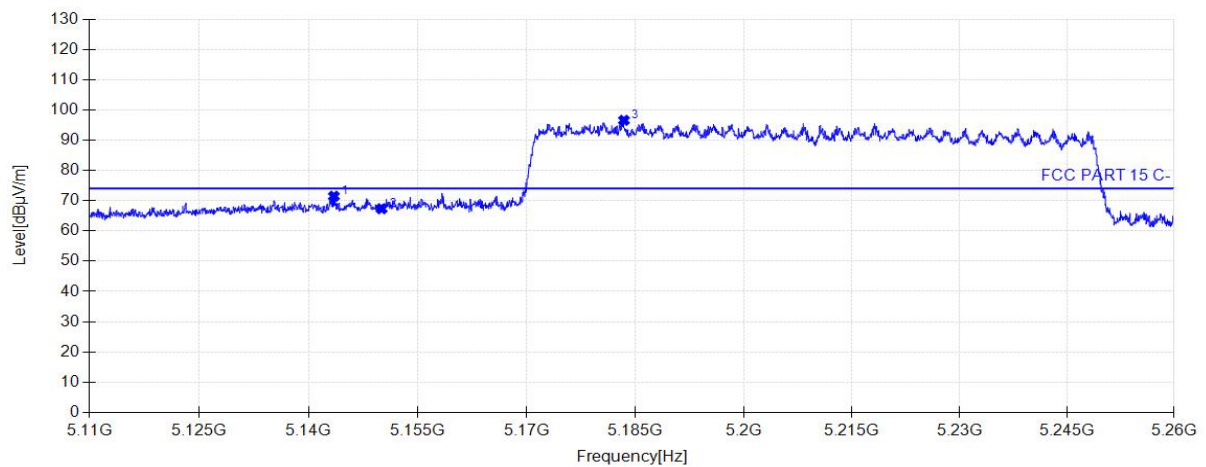


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5135.10	62.52	37.66	74.00	11.48	160	28	Horizontal
2	5150.00	58.74	37.72	74.00	15.26	160	50	Horizontal
3	5184.35	88.28	37.85	74.00	-14.28	160	57	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - CDD at Channel 5210MHz		

Start of Test:2023-05-04 23:35:02

Test Graph

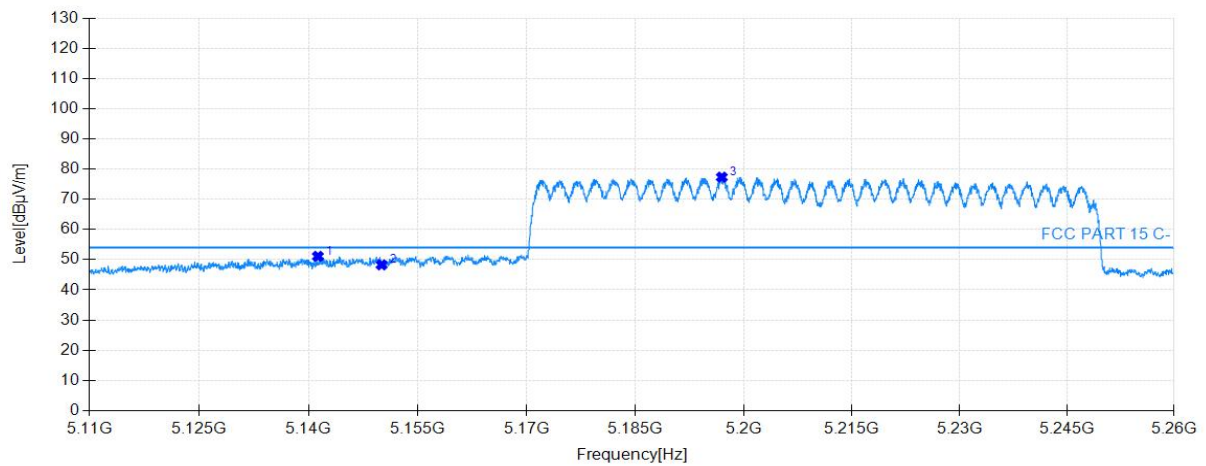


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5143.45	71.47	37.69	74.00	2.53	160	359	Vertical
2	5150.00	67.33	37.72	74.00	6.67	160	330	Vertical
3	5183.40	96.55	37.84	74.00	-22.55	160	359	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - CDD at Channel 5210MHz		

Start of Test:2023-05-04 23:36:15

Test Graph

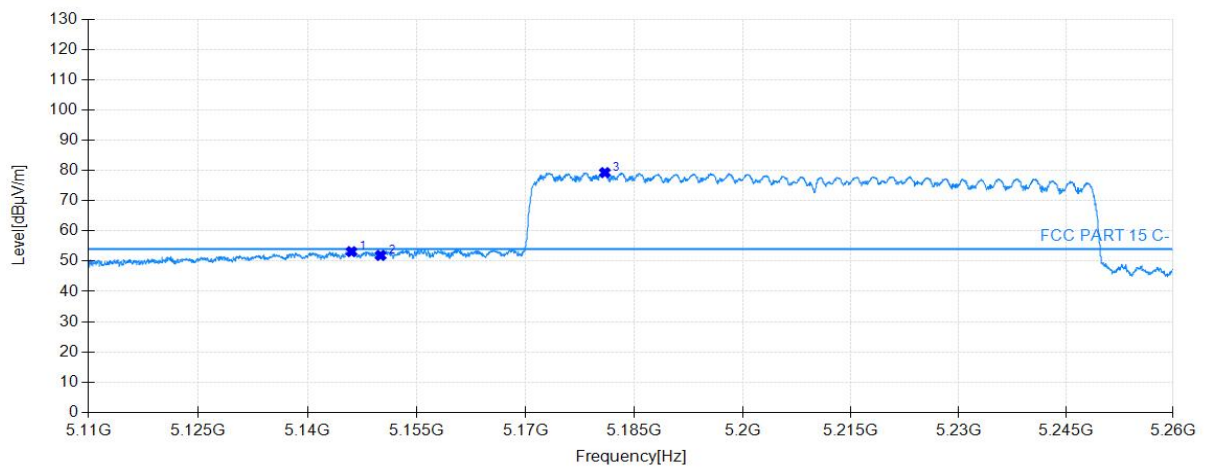


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5141.25	51.10	37.68	54.00	2.90	160	35	Horizontal
2	5150.00	48.28	37.72	54.00	5.72	160	35	Horizontal
3	5196.95	77.32	37.89	54.00	-23.32	160	35	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - CDD at Channel 5210MHz		

Start of Test:2023-05-04 23:37:07

Test Graph

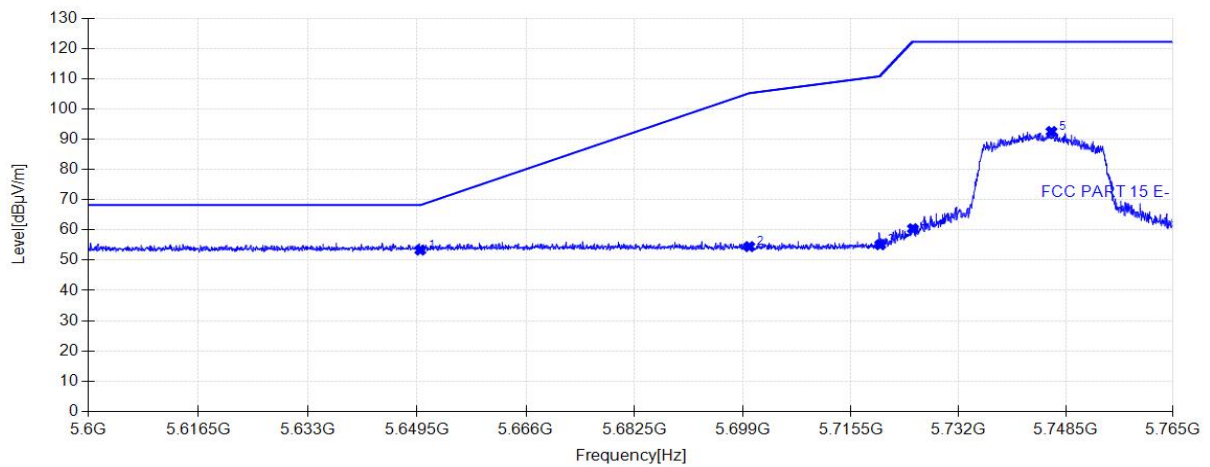


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5146.00	53.14	37.70	54.00	0.86	160	349	Vertical
2	5150.00	51.90	37.72	54.00	2.10	160	353	Vertical
3	5180.90	79.27	37.83	54.00	-25.27	160	356	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 0 at Channel 5745MHz		

Start of Test:2023-05-05 00:50:33

Test Graph

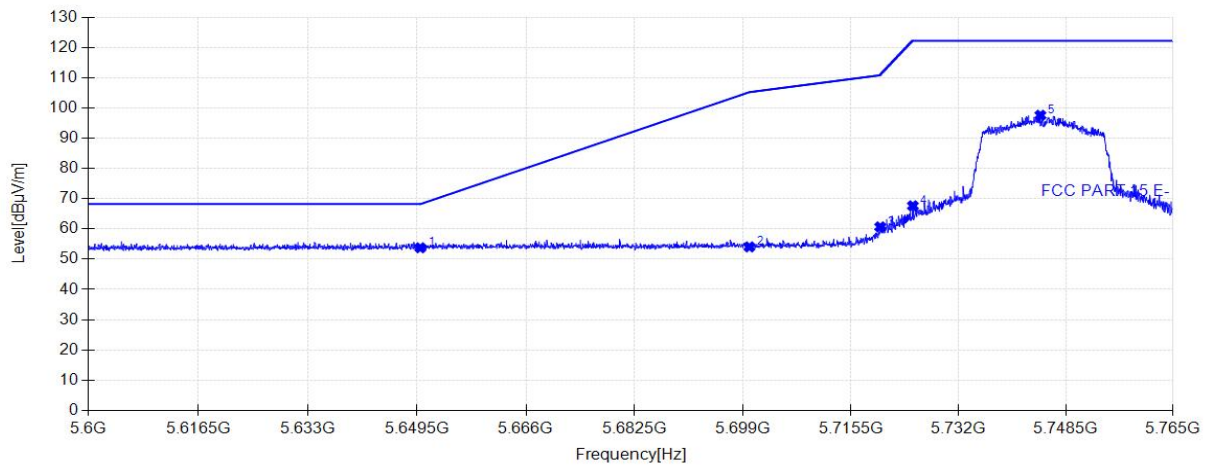


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	53.35	39.15	68.21	14.86	160	163	Horizontal
2	5700.00	54.48	39.19	105.21	50.73	160	359	Horizontal
3	5720.00	55.10	39.21	110.91	55.81	160	24	Horizontal
4	5725.00	60.39	39.21	122.20	61.81	160	51	Horizontal
5	5746.29	92.51	39.23	122.20	29.69	160	331	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 0 at Channel 5745MHz		

Start of Test:2023-05-05 00:51:25

Test Graph

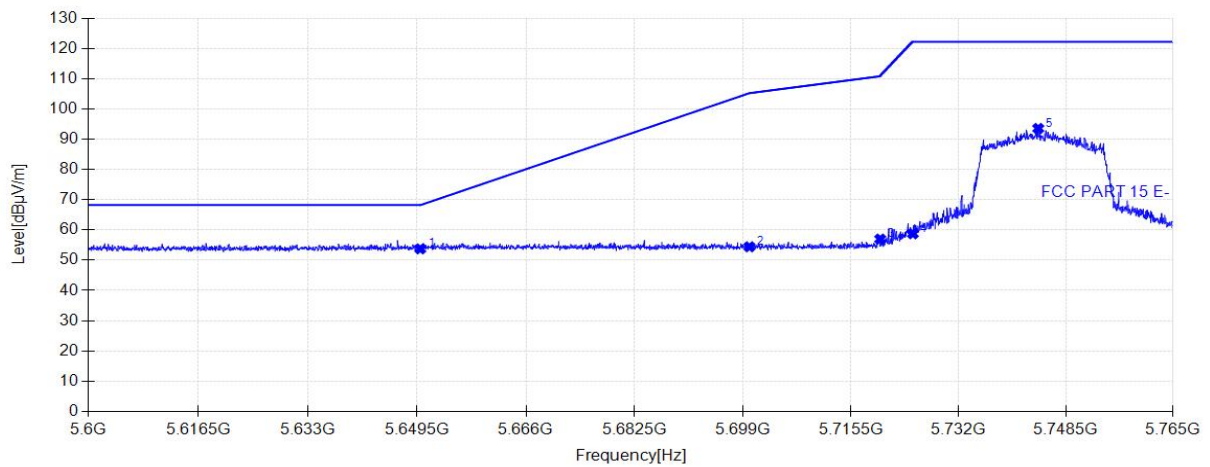


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	53.76	39.15	68.21	14.45	160	42	Vertical
2	5700.00	54.06	39.19	105.21	51.15	160	0	Vertical
3	5720.00	60.67	39.21	110.91	50.24	160	0	Vertical
4	5725.00	67.62	39.21	122.20	54.58	160	22	Vertical
5	5744.58	97.55	39.23	122.20	24.65	160	204	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 1 at Channel 5745MHz		

Start of Test:2023-05-04 23:41:39

Test Graph

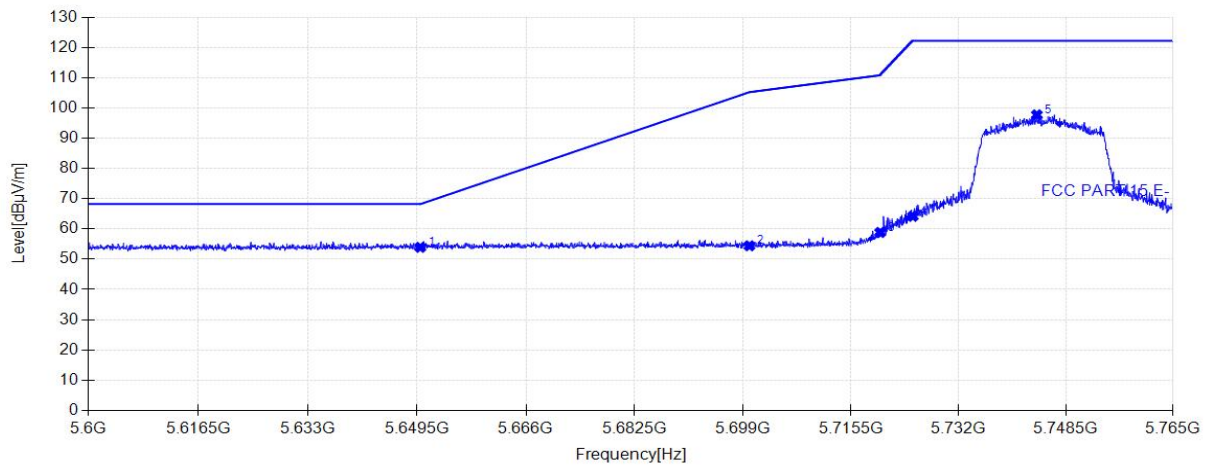


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	53.74	39.15	68.21	14.47	160	11	Horizontal
2	5700.00	54.42	39.19	105.21	50.79	160	176	Horizontal
3	5720.00	56.97	39.21	110.91	53.94	160	197	Horizontal
4	5725.00	58.73	39.21	122.20	63.47	160	316	Horizontal
5	5744.25	93.53	39.23	122.20	28.67	160	50	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 1 at Channel 5745MHz		

Start of Test:2023-05-04 23:42:32

Test Graph

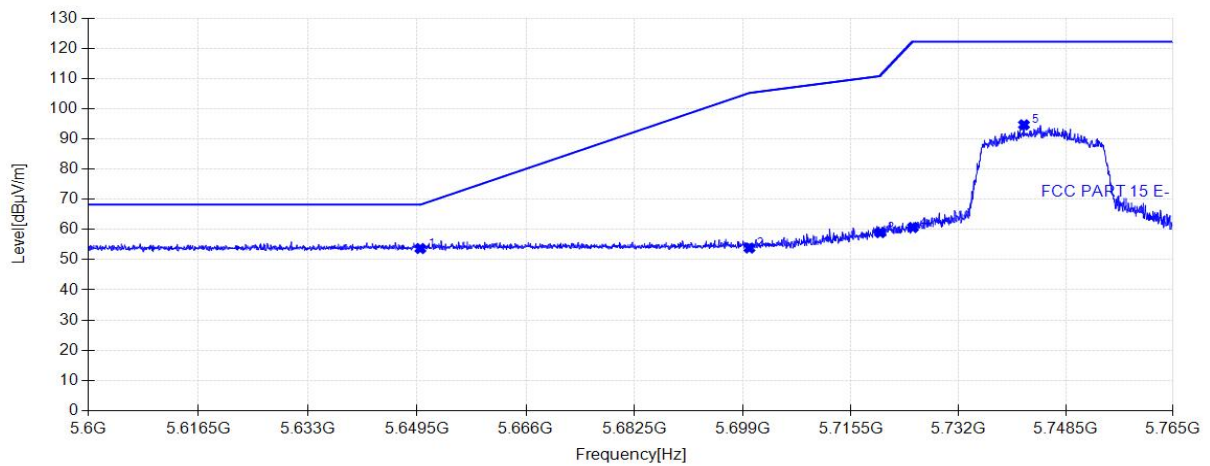


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	53.92	39.15	68.21	14.29	160	190	Vertical
2	5700.00	54.42	39.19	105.21	50.79	160	360	Vertical
3	5720.00	58.84	39.21	110.91	52.07	160	183	Vertical
4	5725.00	64.17	39.21	122.20	58.03	160	4	Vertical
5	5744.03	97.70	39.23	122.20	24.50	160	204	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 – Ant 2 at Channel 5745MHz		

Start of Test:2023-05-04 23:44:31

Test Graph

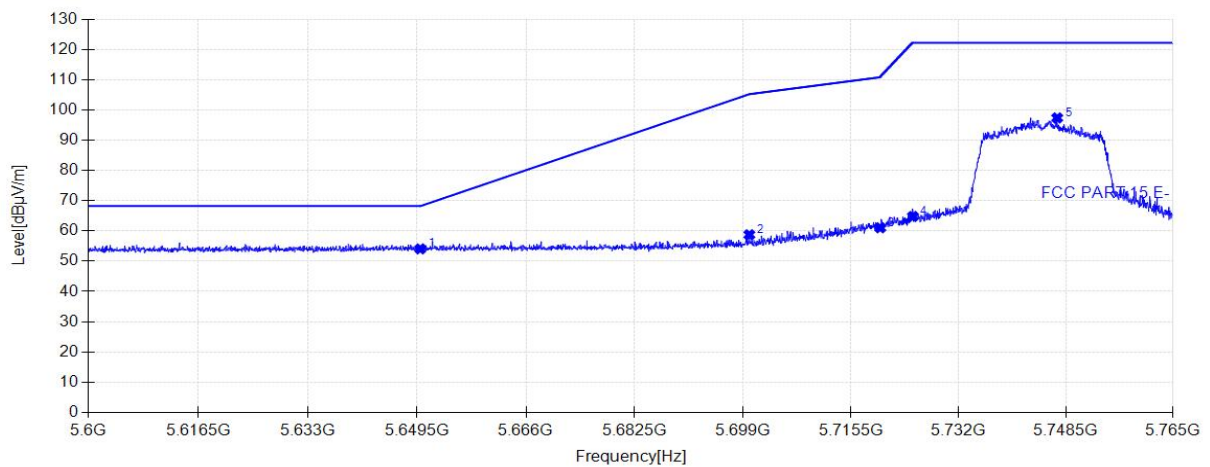


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	53.69	39.15	68.21	14.52	160	175	Horizontal
2	5700.00	53.84	39.19	105.21	51.37	160	217	Horizontal
3	5720.00	58.95	39.21	110.91	51.96	160	43	Horizontal
4	5725.00	60.67	39.21	122.20	61.53	160	43	Horizontal
5	5742.05	94.65	39.22	122.20	27.55	160	35	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 2 at Channel 5745MHz		

Start of Test:2023-05-04 23:45:24

Test Graph

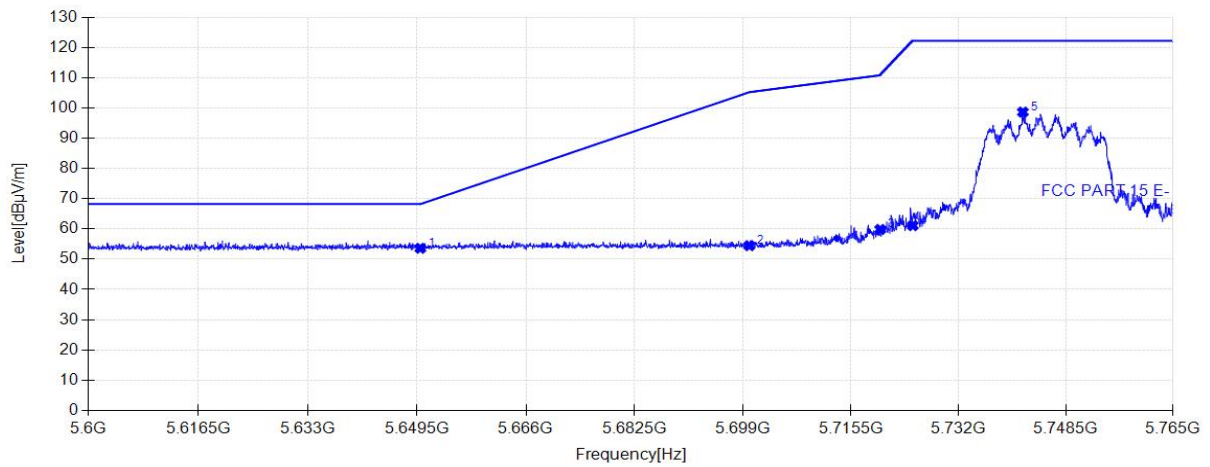


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	54.07	39.15	68.21	14.14	160	219	Vertical
2	5700.00	58.74	39.19	105.21	46.47	160	185	Vertical
3	5720.00	61.04	39.21	110.91	49.87	160	360	Vertical
4	5725.00	64.78	39.21	122.20	57.42	160	136	Vertical
5	5747.17	97.35	39.23	122.20	24.85	160	150	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - CDD at Channel 5745MHz		

Start of Test:2023-05-04 23:47:07

Test Graph

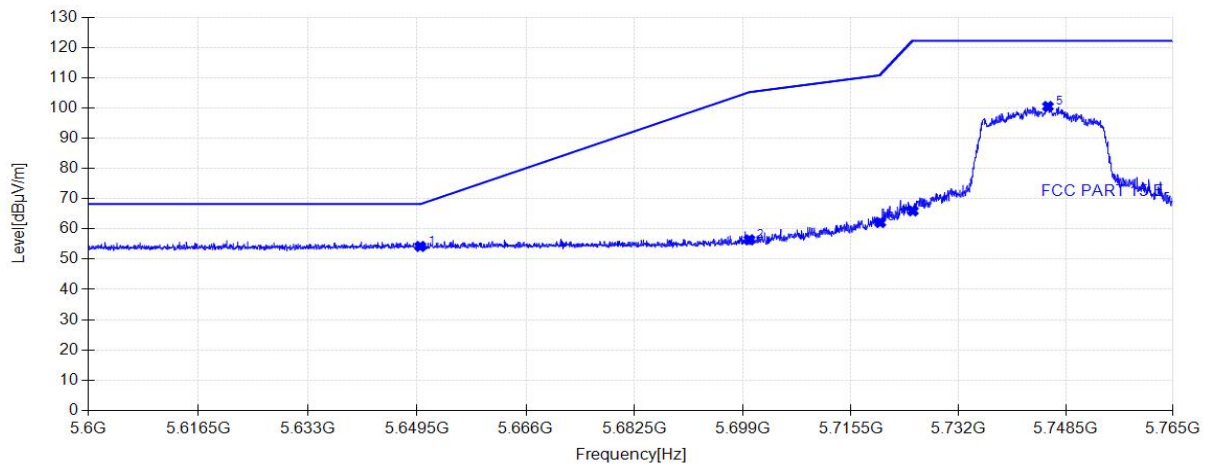


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	53.60	39.15	68.21	14.61	160	205	Horizontal
2	5700.00	54.47	39.19	105.21	50.74	160	357	Horizontal
3	5720.00	59.83	39.21	110.91	51.08	160	330	Horizontal
4	5725.00	61.09	39.21	122.20	61.11	160	43	Horizontal
5	5741.89	98.62	39.22	122.20	23.58	160	50	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - CDD at Channel 5745MHz		

Start of Test:2023-05-04 23:48:00

Test Graph

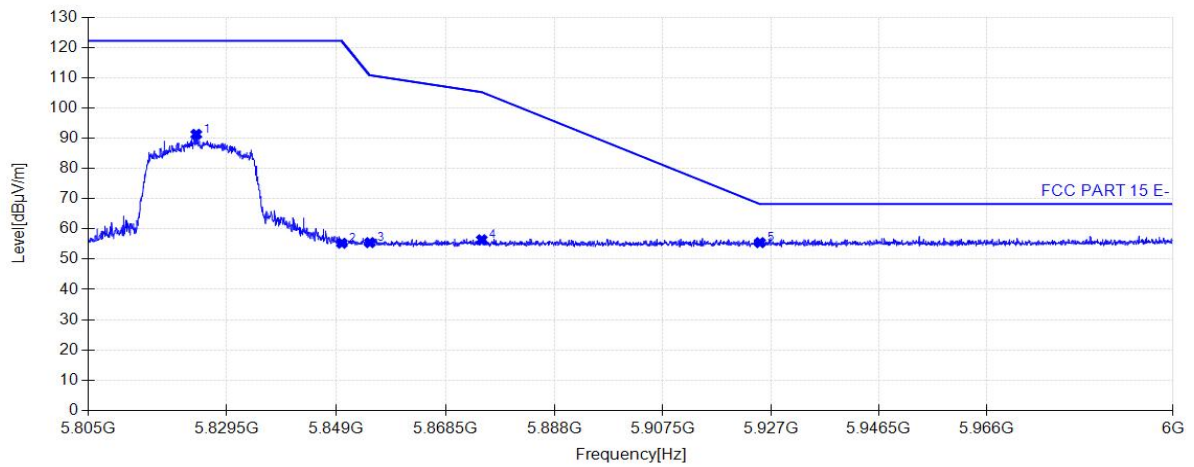


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	54.22	39.15	68.21	13.99	160	4	Vertical
2	5700.00	56.40	39.19	105.21	48.81	160	10	Vertical
3	5720.00	62.12	39.21	110.91	48.79	160	4	Vertical
4	5725.00	65.95	39.21	122.20	56.25	160	186	Vertical
5	5745.74	100.47	39.23	122.20	21.73	160	171	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 0 at Channel 5825MHz		

Start of Test:2023-05-05 00:54:18

Test Graph

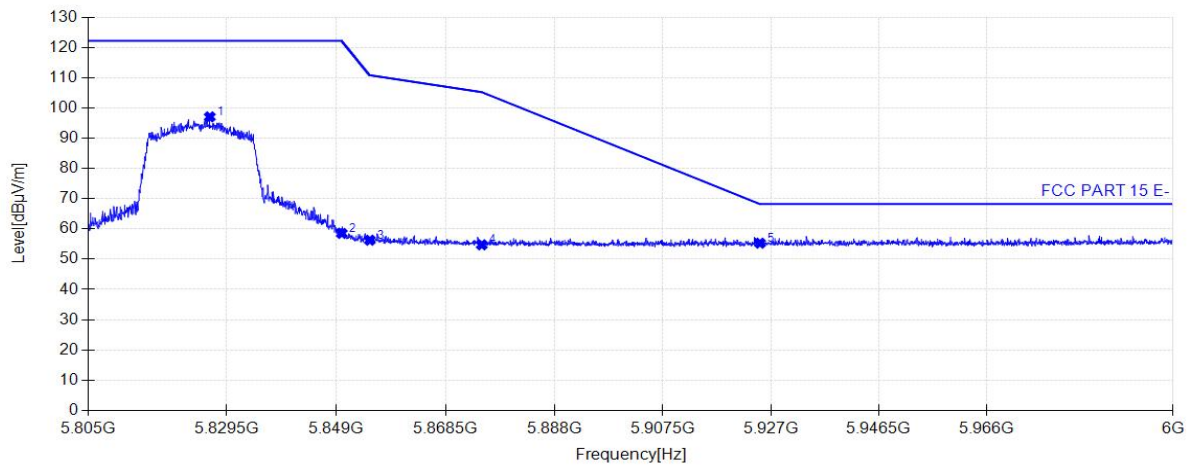


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5824.11	91.27	39.29	122.20	30.93	160	336	Horizontal
2	5850.00	55.27	39.31	122.06	66.79	160	329	Horizontal
3	5855.00	55.48	39.31	110.80	55.32	160	352	Horizontal
4	5875.00	56.41	39.33	105.18	48.77	160	120	Horizontal
5	5925.00	55.46	39.36	68.20	12.74	160	300	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 0 at Channel 5825MHz		

Start of Test:2023-05-05 00:55:10

Test Graph

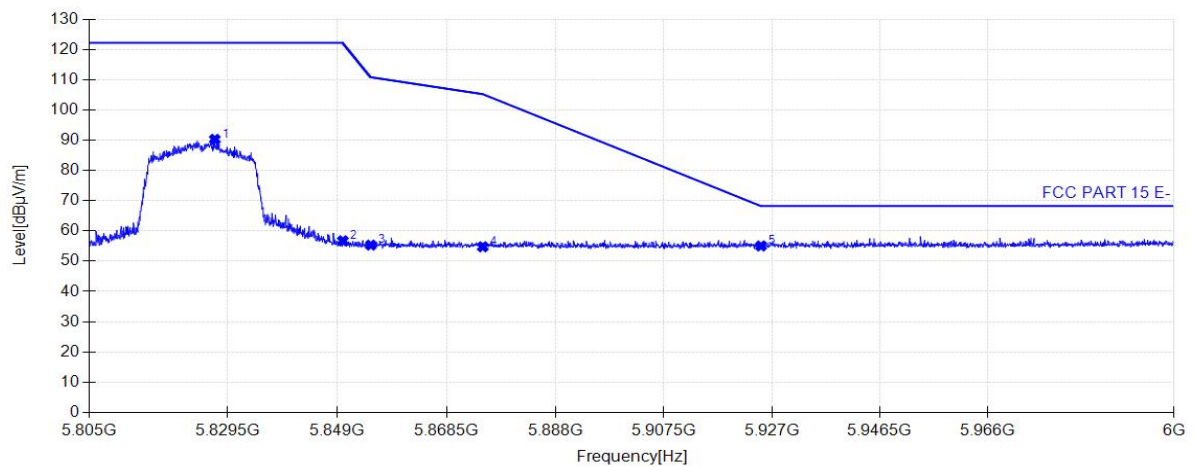


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5826.52	97.03	39.29	122.20	25.17	160	197	Vertical
2	5850.00	58.52	39.31	122.06	63.54	160	11	Vertical
3	5855.00	56.28	39.31	110.80	54.52	160	0	Vertical
4	5875.00	54.75	39.33	105.18	50.43	160	121	Vertical
5	5925.00	55.28	39.36	68.20	12.92	160	30	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 1 at Channel 5825MHz		

Start of Test:2023-05-04 23:51:14

Test Graph

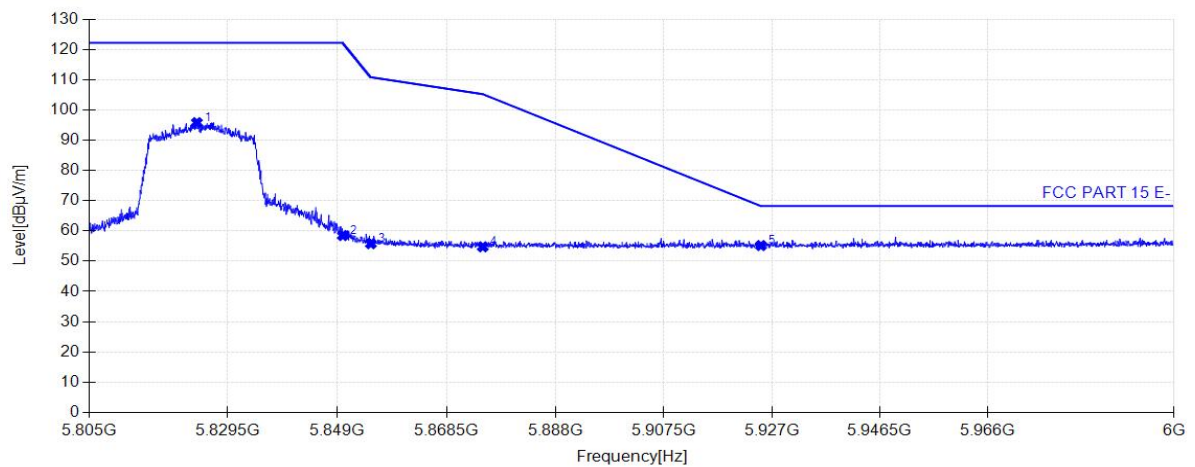


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5827.23	90.28	39.29	122.20	31.92	160	323	Horizontal
2	5850.00	56.74	39.31	122.06	65.32	160	275	Horizontal
3	5855.00	55.32	39.31	110.80	55.48	160	113	Horizontal
4	5875.00	54.75	39.33	105.18	50.43	160	351	Horizontal
5	5925.00	55.03	39.36	68.20	13.17	160	1	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 1 at Channel 5825MHz		

Start of Test:2023-05-04 23:52:07

Test Graph

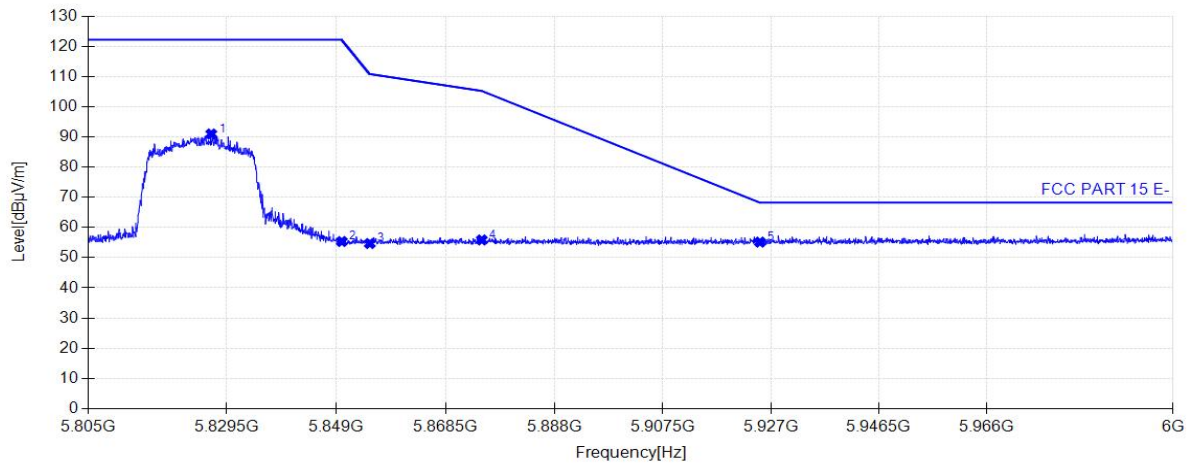


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5824.05	95.78	39.29	122.20	26.42	160	205	Vertical
2	5850.00	58.47	39.31	122.06	63.59	160	218	Vertical
3	5855.00	55.78	39.31	110.80	55.02	160	211	Vertical
4	5875.00	54.75	39.33	105.18	50.43	160	245	Vertical
5	5925.00	55.16	39.36	68.20	13.04	160	44	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 – Ant 2 at Channel 5825MHz		

Start of Test:2023-05-04 23:53:54

Test Graph

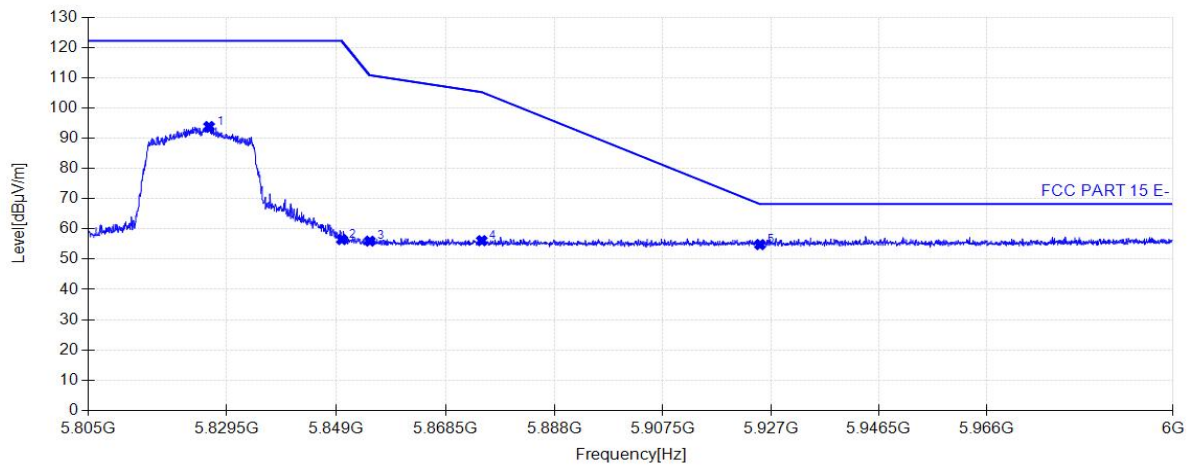


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5826.78	90.94	39.29	122.20	31.26	160	34	Horizontal
2	5850.00	55.34	39.31	122.06	66.72	160	280	Horizontal
3	5855.00	54.68	39.31	110.80	56.12	160	76	Horizontal
4	5875.00	55.87	39.33	105.18	49.31	160	356	Horizontal
5	5925.00	55.14	39.36	68.20	13.06	160	356	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 2 at Channel 5825MHz		

Start of Test:2023-05-04 23:54:47

Test Graph

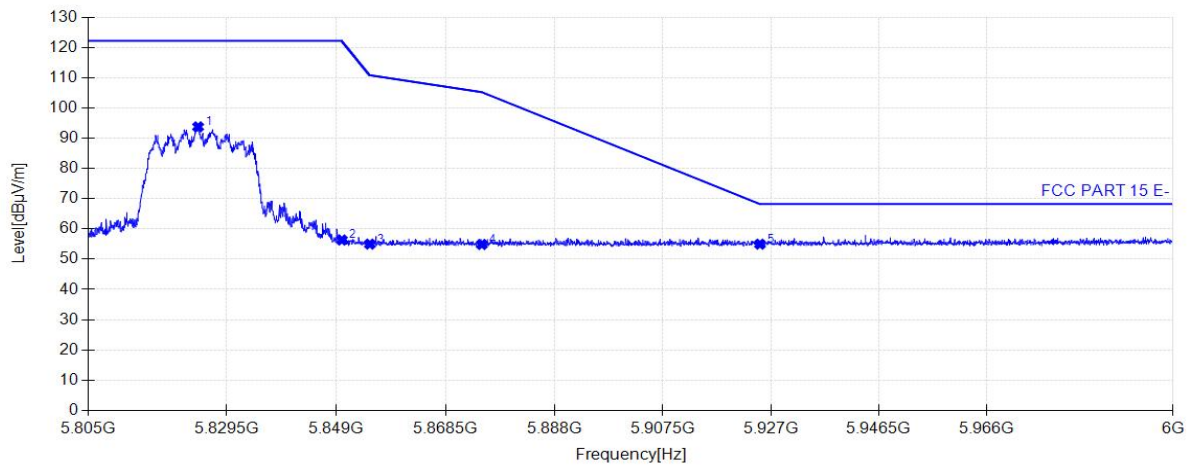


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5826.39	93.86	39.29	122.20	28.34	160	148	Vertical
2	5850.00	56.49	39.31	122.06	65.57	160	353	Vertical
3	5855.00	55.97	39.31	110.80	54.83	160	86	Vertical
4	5875.00	56.13	39.33	105.18	49.05	160	135	Vertical
5	5925.00	54.81	39.36	68.20	13.39	160	316	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - CDD at Channel 5825MHz		

Start of Test:2023-05-04 23:56:29

Test Graph

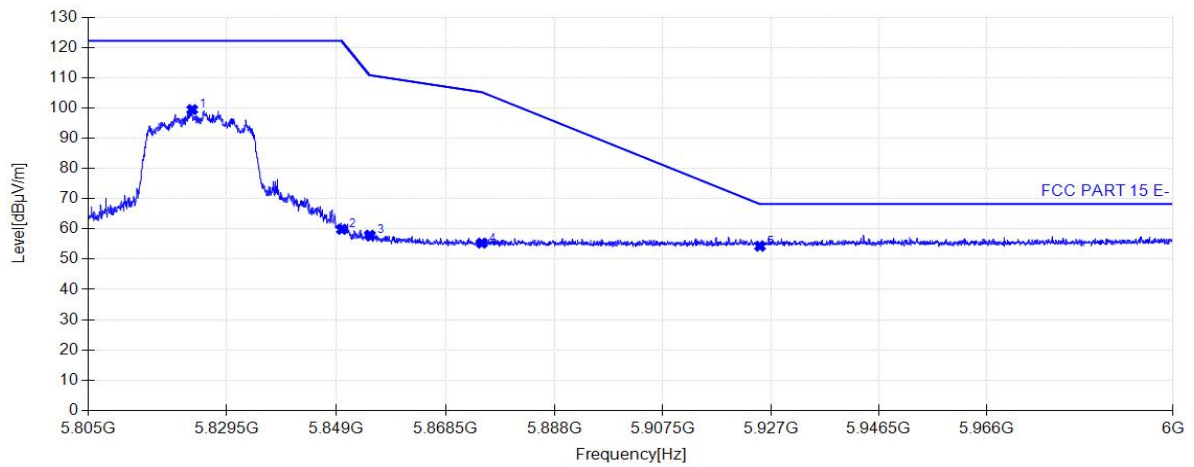


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5824.44	93.73	39.29	122.20	28.47	160	50	Horizontal
2	5850.00	56.33	39.31	122.06	65.73	160	57	Horizontal
3	5855.00	54.97	39.31	110.80	55.83	160	50	Horizontal
4	5875.00	54.86	39.33	105.18	50.32	160	3	Horizontal
5	5925.00	54.96	39.36	68.20	13.24	160	302	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - CDD at Channel 5825MHz		

Start of Test:2023-05-04 23:57:22

Test Graph

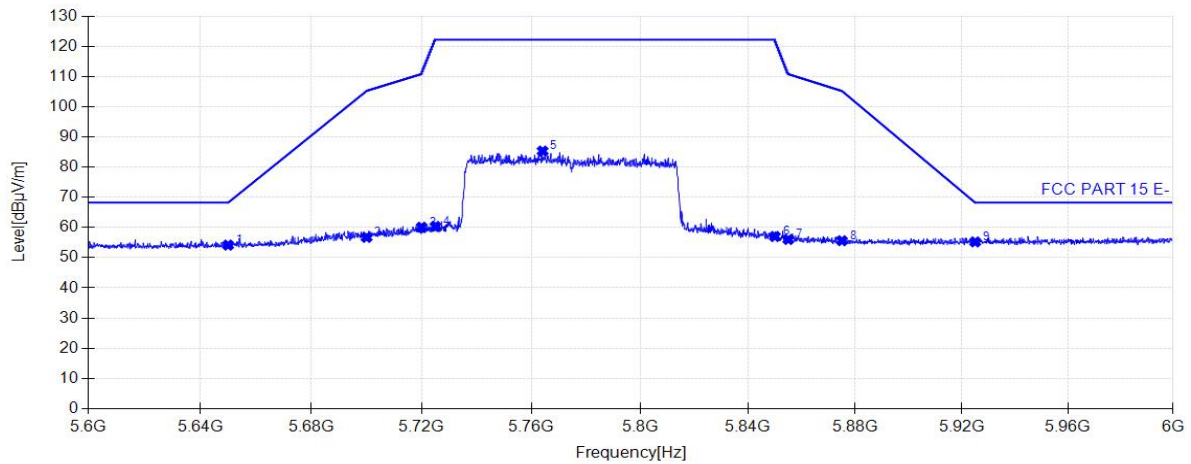


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5823.40	99.43	39.29	122.20	22.77	160	184	Vertical
2	5850.00	59.86	39.31	122.06	62.20	160	256	Vertical
3	5855.00	57.94	39.31	110.80	52.86	160	150	Vertical
4	5875.00	55.30	39.33	105.18	49.88	160	143	Vertical
5	5925.00	54.30	39.36	68.20	13.90	160	65	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 0 at Channel 5775MHz		

Start of Test:2023-05-05 00:58:01

Test Graph

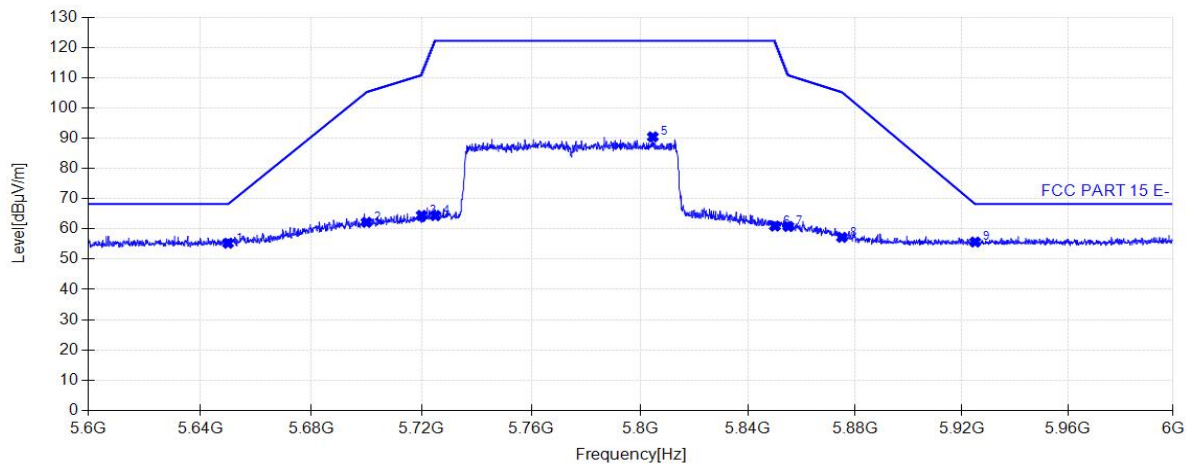


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	54.16	39.15	68.21	14.05	160	262	Horizontal
2	5700.00	56.74	39.19	105.21	48.47	160	45	Horizontal
3	5720.00	60.09	39.21	110.89	50.80	160	310	Horizontal
4	5725.00	60.34	39.21	122.20	61.86	160	52	Horizontal
5	5764.18	85.30	39.24	122.20	36.90	160	333	Horizontal
6	5850.00	57.00	39.31	122.01	65.01	160	199	Horizontal
7	5855.00	56.01	39.31	110.79	54.78	160	325	Horizontal
8	5875.00	55.61	39.33	105.18	49.57	160	178	Horizontal
9	5925.00	55.21	39.36	68.20	12.99	160	256	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 0 at Channel 5775MHz		

Start of Test:2023-05-05 00:58:53

Test Graph

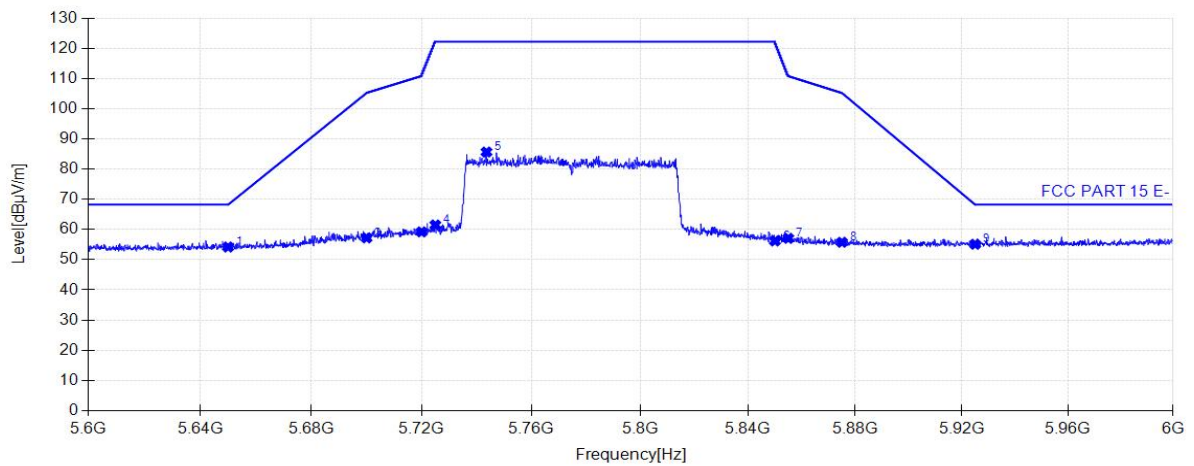


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	55.26	39.15	68.21	12.95	160	22	Vertical
2	5700.00	62.19	39.19	105.21	43.02	160	29	Vertical
3	5720.00	64.48	39.21	110.89	46.41	160	3	Vertical
4	5725.00	64.43	39.21	122.20	57.77	160	356	Vertical
5	5804.73	90.43	39.27	122.20	31.77	160	197	Vertical
6	5850.00	60.94	39.31	122.01	61.07	160	205	Vertical
7	5855.00	60.82	39.31	110.79	49.97	160	190	Vertical
8	5875.00	57.22	39.33	105.18	47.96	160	205	Vertical
9	5925.00	55.67	39.36	68.20	12.53	160	210	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 1 at Channel 5775MHz		

Start of Test:2023-05-05 00:02:12

Test Graph

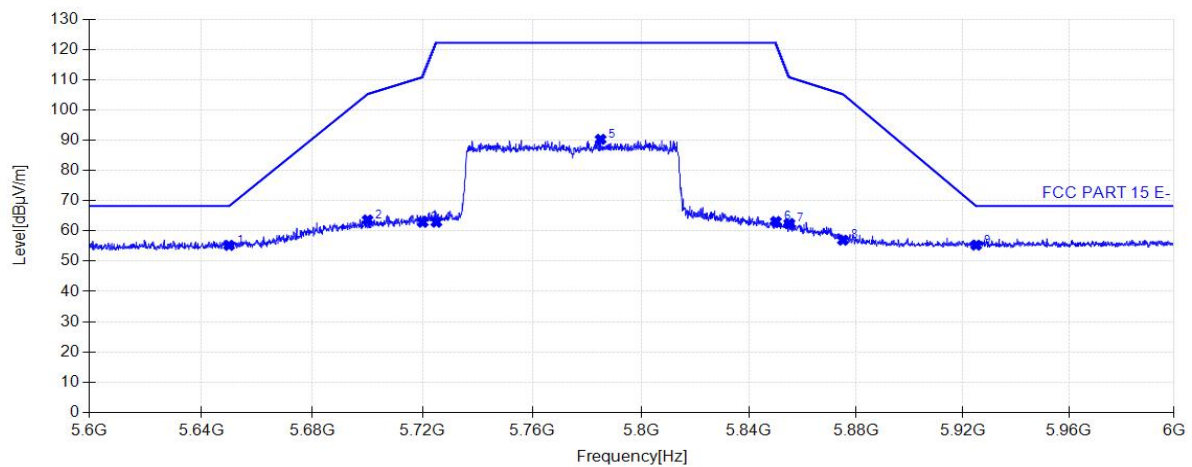


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	54.19	39.15	68.21	14.02	160	98	Horizontal
2	5700.00	57.21	39.19	105.21	48.00	160	197	Horizontal
3	5720.00	59.19	39.21	110.89	51.70	160	49	Horizontal
4	5725.00	61.48	39.21	122.20	60.72	160	49	Horizontal
5	5743.64	85.65	39.23	122.20	36.55	160	49	Horizontal
6	5850.00	56.20	39.31	122.01	65.81	160	329	Horizontal
7	5855.00	57.06	39.31	110.79	53.73	160	203	Horizontal
8	5875.00	55.76	39.33	105.18	49.42	160	28	Horizontal
9	5925.00	55.09	39.36	68.20	13.11	160	252	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 1 at Channel 5775MHz		

Start of Test:2023-05-05 00:03:04

Test Graph

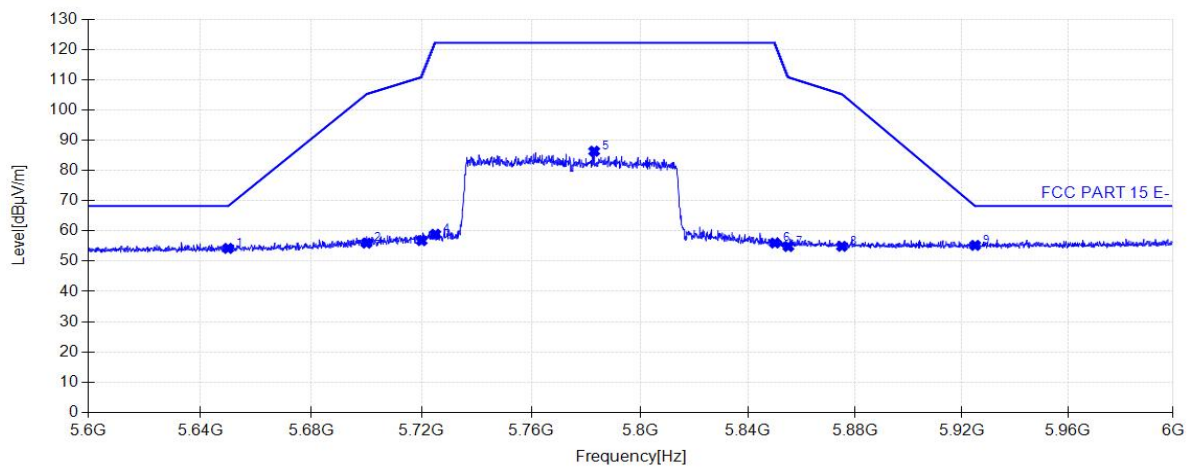


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	55.22	39.15	68.21	12.99	160	357	Vertical
2	5700.00	63.62	39.19	105.21	41.59	160	197	Vertical
3	5720.00	62.86	39.21	110.89	48.03	160	170	Vertical
4	5725.00	62.89	39.21	122.20	59.31	160	197	Vertical
5	5785.12	90.25	39.26	122.20	31.95	160	219	Vertical
6	5850.00	63.12	39.31	122.01	58.89	160	177	Vertical
7	5855.00	62.46	39.31	110.79	48.33	160	197	Vertical
8	5875.00	56.94	39.33	105.18	48.24	160	357	Vertical
9	5925.00	55.29	39.36	68.20	12.91	160	3	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 2at Channel 5775MHz		

Start of Test:2023-05-05 00:04:54

Test Graph



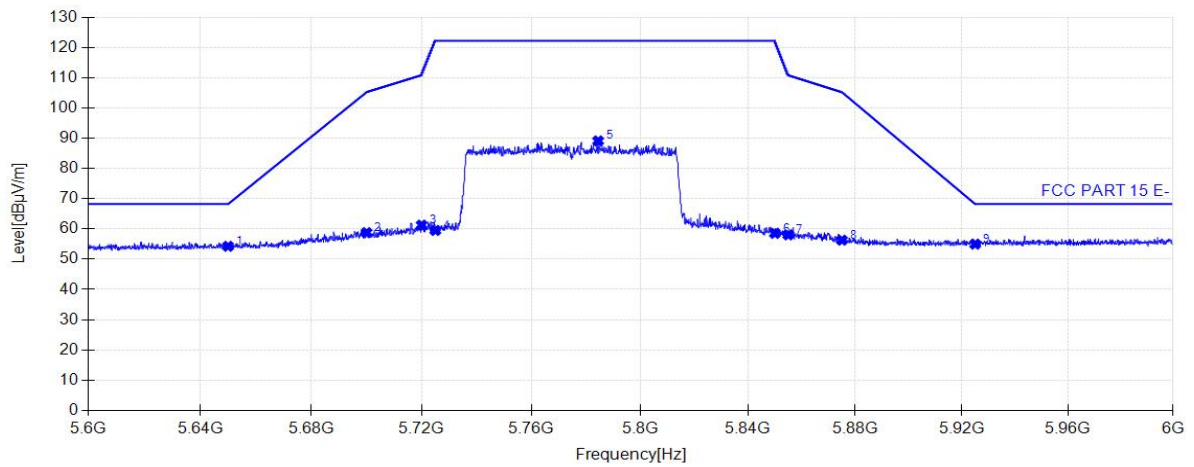
Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	54.23	39.15	68.21	13.98	160	1	Horizontal
2	5700.00	55.98	39.19	105.21	49.23	160	59	Horizontal
3	5720.00	56.79	39.21	110.89	54.10	160	44	Horizontal
4	5725.00	58.90	39.21	122.20	63.30	160	52	Horizontal
5	5783.12	86.34	39.26	122.20	35.86	160	52	Horizontal
6	5850.00	56.01	39.31	122.01	66.00	160	302	Horizontal
7	5855.00	54.85	39.31	110.79	55.94	160	44	Horizontal
8	5875.00	54.90	39.33	105.18	50.28	160	59	Horizontal
9	5925.00	55.23	39.36	68.20	12.97	160	183	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - Ant 2 at Channel 5775MHz		

Start of Test:2023-05-05 00:05:46

Test Graph

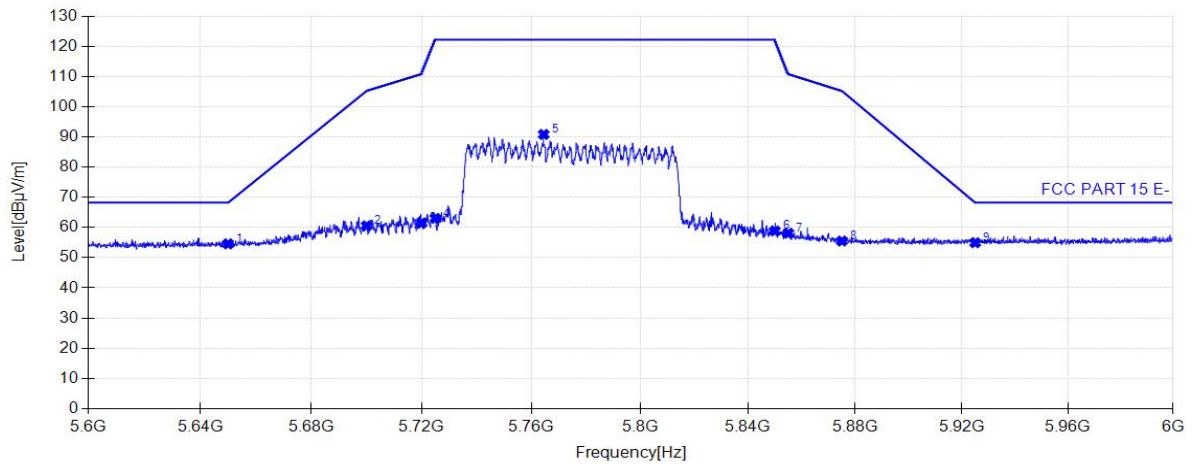


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	54.26	39.15	68.21	13.95	160	72	Vertical
2	5700.00	58.78	39.19	105.21	46.43	160	135	Vertical
3	5720.00	61.27	39.21	110.89	49.62	160	358	Vertical
4	5725.00	59.49	39.21	122.20	62.71	160	360	Vertical
5	5784.59	89.09	39.26	122.20	33.11	160	149	Vertical
6	5850.00	58.53	39.31	122.01	63.48	160	149	Vertical
7	5855.00	58.05	39.31	110.79	52.74	160	163	Vertical
8	5875.00	56.28	39.33	105.18	48.90	160	360	Vertical
9	5925.00	54.97	39.36	68.20	13.23	160	163	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - CDD at Channel 5775MHz		

Start of Test:2023-05-05 00:07:28

Test Graph

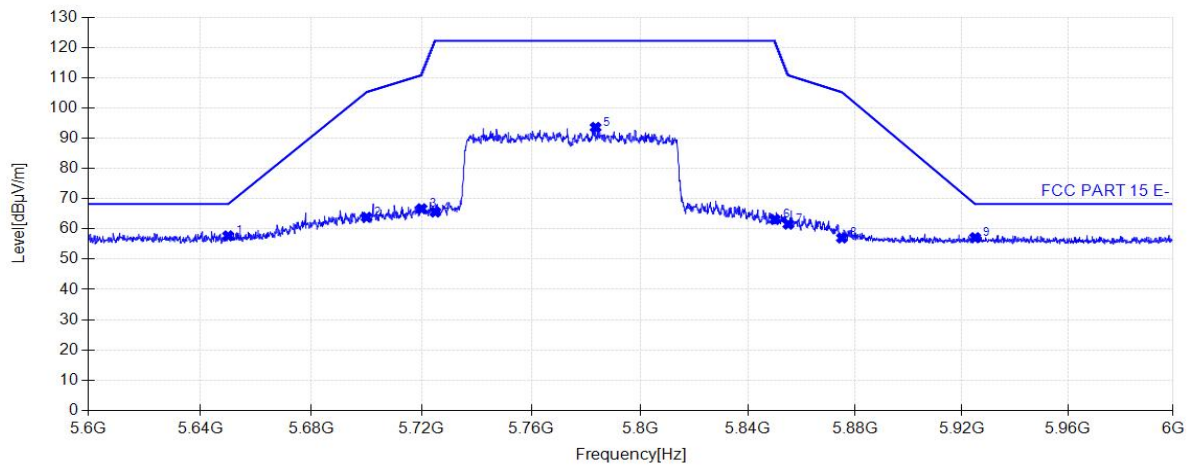


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	54.57	39.15	68.21	13.64	160	16	Horizontal
2	5700.00	60.52	39.19	105.21	44.69	160	42	Horizontal
3	5720.00	61.46	39.21	110.89	49.43	160	49	Horizontal
4	5725.00	63.01	39.21	122.20	59.19	160	49	Horizontal
5	5764.58	90.81	39.24	122.20	31.39	160	49	Horizontal
6	5850.00	58.86	39.31	122.01	63.15	160	34	Horizontal
7	5855.00	58.10	39.31	110.79	52.69	160	197	Horizontal
8	5875.00	55.51	39.33	105.18	49.67	160	0	Horizontal
9	5925.00	54.93	39.36	68.20	13.27	160	6	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac80 - CDD at Channel 5775MHz		

Start of Test:2023-05-05 00:08:21

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.00	57.70	39.15	68.21	10.51	160	357	Vertical
2	5700.00	63.84	39.19	105.21	41.37	160	170	Vertical
3	5720.00	66.67	39.21	110.89	44.22	160	164	Vertical
4	5725.00	65.57	39.21	122.20	56.63	160	157	Vertical
5	5783.66	93.55	39.26	122.20	28.65	160	192	Vertical
6	5850.00	63.12	39.31	122.01	58.89	160	170	Vertical
7	5855.00	61.57	39.31	110.79	49.22	160	157	Vertical
8	5875.00	57.00	39.33	105.18	48.18	160	4	Vertical
9	5925.00	57.10	39.36	68.20	11.10	160	192	Vertical

7.10. AC Conducted Emissions Measurement

7.10.1. Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 ~ 0.50	66 ~ 56	56 ~ 46
0.50 ~ 5.0	56	46
5.0 ~ 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

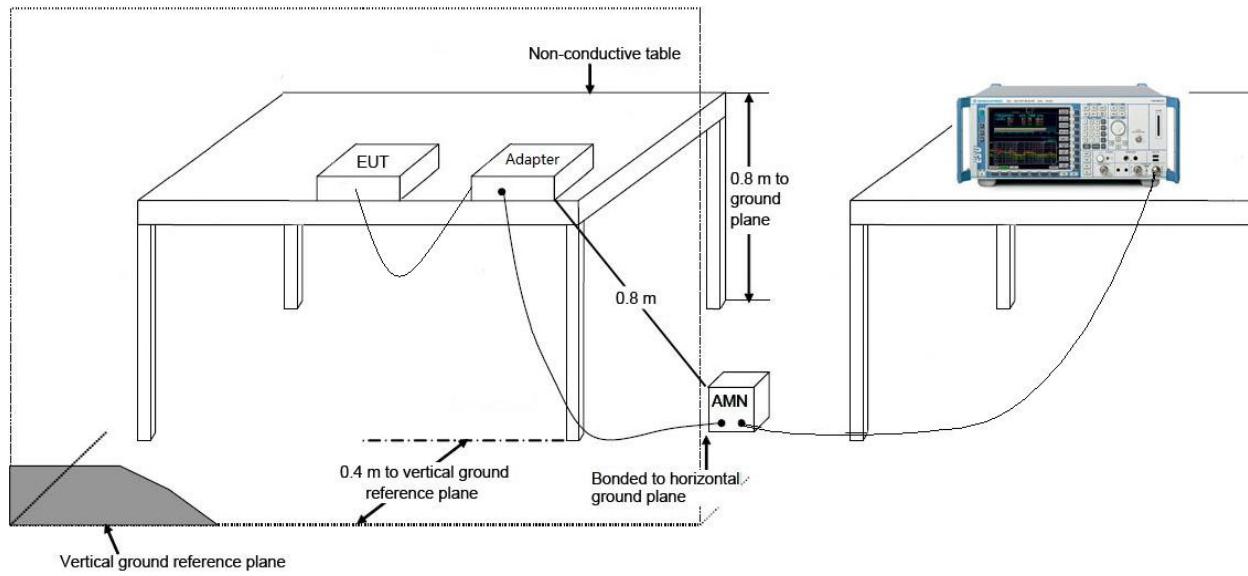
7.10.2. Test Procedure

The EUT was setup according to ANSI C63.4: 2014 and tested according to ANSI C63.10:2013 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

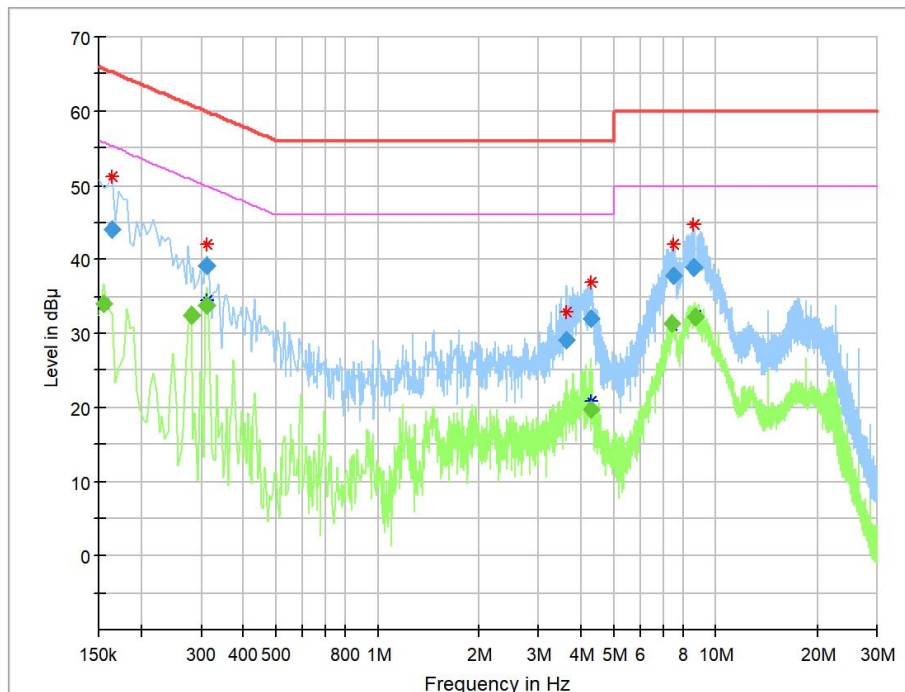
7.10.3. Test Setup



7.10.4. Test Result

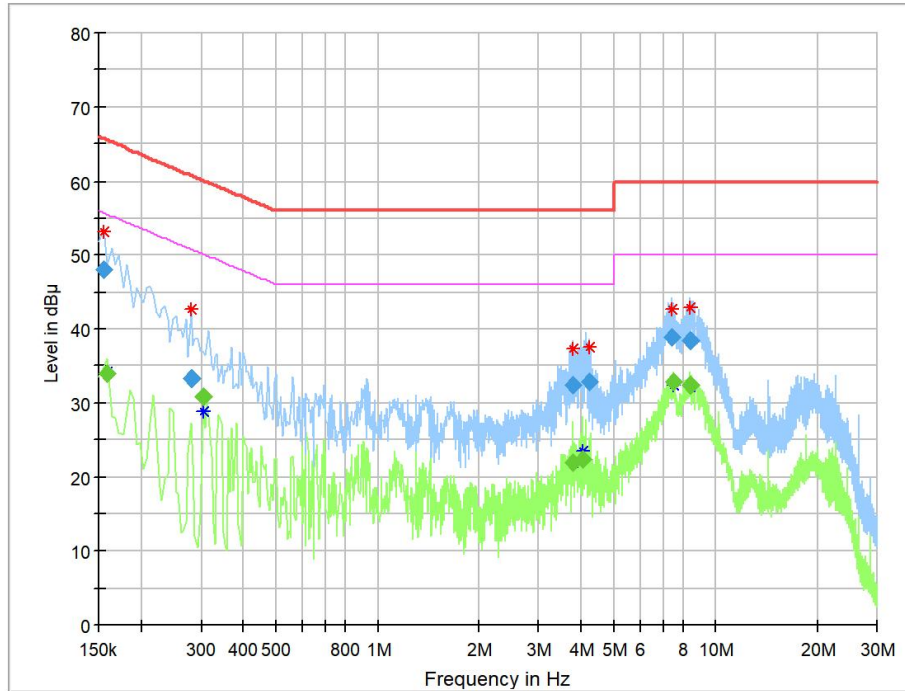
.The worst case of Conducted Emissions:

EUT:	LED Playback Control Processor	Polarity:	LINE
Model:	TU20 Pro	Power Supply:	ADS-36MG-12
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - CDD at Channel 5180MHz		



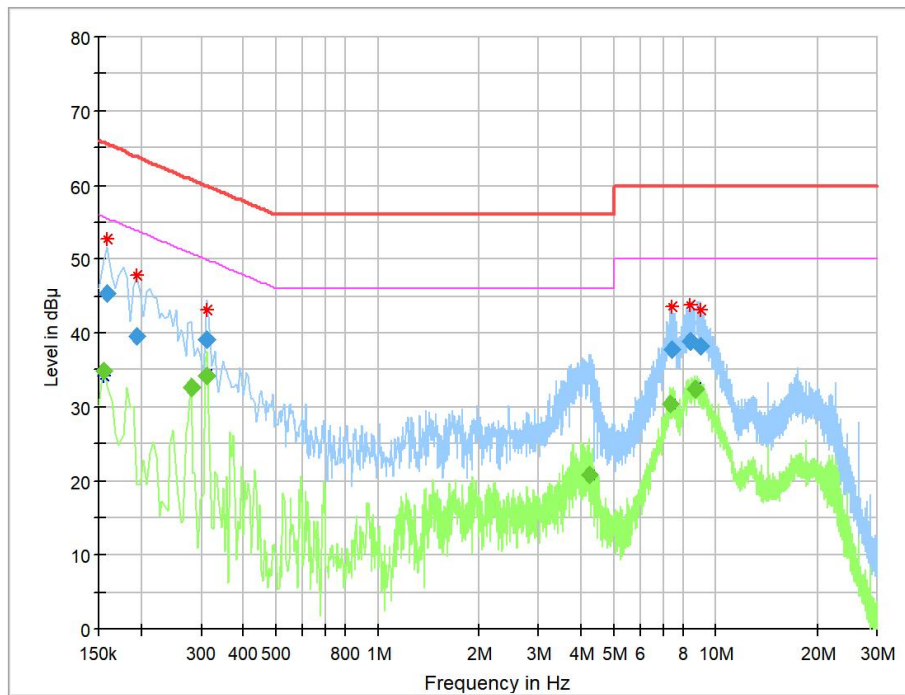
Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154500	---	34.13	55.75	21.63	100.0	9.000	L1	ON	9.6
0.163500	44.01	---	65.28	21.28	100.0	9.000	L1	ON	9.6
0.280500	---	32.49	50.80	18.31	100.0	9.000	L1	ON	9.6
0.312000	---	33.76	49.92	16.16	100.0	9.000	L1	ON	9.6
0.312000	39.20	---	59.92	20.71	100.0	9.000	L1	ON	9.6
3.637500	29.05	---	56.00	26.95	100.0	9.000	L1	ON	9.6
4.285500	31.99	---	56.00	24.01	100.0	9.000	L1	ON	9.7
4.285500	---	19.78	46.00	26.22	100.0	9.000	L1	ON	9.7
7.476000	---	31.38	50.00	18.62	100.0	9.000	L1	ON	9.7
7.548000	37.92	---	60.00	22.08	100.0	9.000	L1	ON	9.7
8.560500	38.92	---	60.00	21.08	100.0	9.000	L1	ON	9.7
8.659500	---	32.20	50.00	17.80	100.0	9.000	L1	ON	9.7

EUT:	LED Playback Control Processor	Polarity:	NEUTRAL
Model:	TU20 Pro	Power Supply:	ADS-36MG-12
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - CDD at Channel 5180MHz		



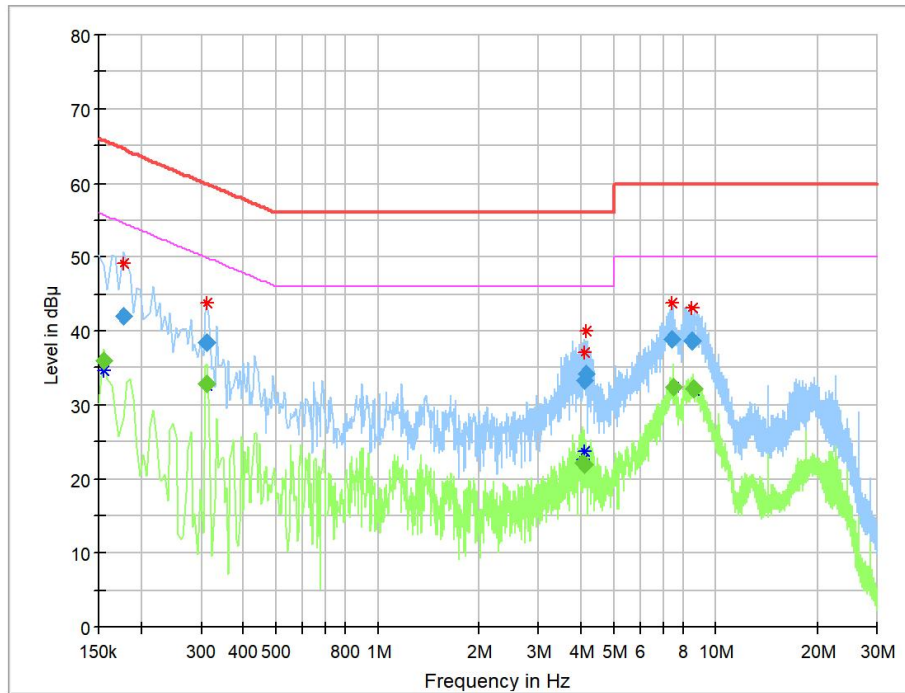
Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154500	48.16	---	65.75	17.60	100.0	9.000	N	ON	9.6
0.159000	---	33.99	55.52	21.52	100.0	9.000	N	ON	9.6
0.280500	33.19	---	60.80	27.62	100.0	9.000	N	ON	9.6
0.303000	---	30.84	50.16	19.32	100.0	9.000	N	ON	9.6
3.772500	32.37	---	56.00	23.63	100.0	9.000	N	ON	9.6
3.772500	---	21.90	46.00	24.10	100.0	9.000	N	ON	9.6
4.038000	---	22.30	46.00	23.70	100.0	9.000	N	ON	9.7
4.236000	32.92	---	56.00	23.08	100.0	9.000	N	ON	9.7
7.404000	38.87	---	60.00	21.13	100.0	9.000	N	ON	9.7
7.480500	---	32.81	50.00	17.19	100.0	9.000	N	ON	9.7
8.376000	38.45	---	60.00	21.55	100.0	9.000	N	ON	9.7
8.407500	---	32.36	50.00	17.64	100.0	9.000	N	ON	9.7

EUT:	LED Playback Control Processor	Polarity:	LINE
Model:	TU20 Pro	Power Supply:	ADS-36MG-12
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - CDD at Channel 5240MHz		



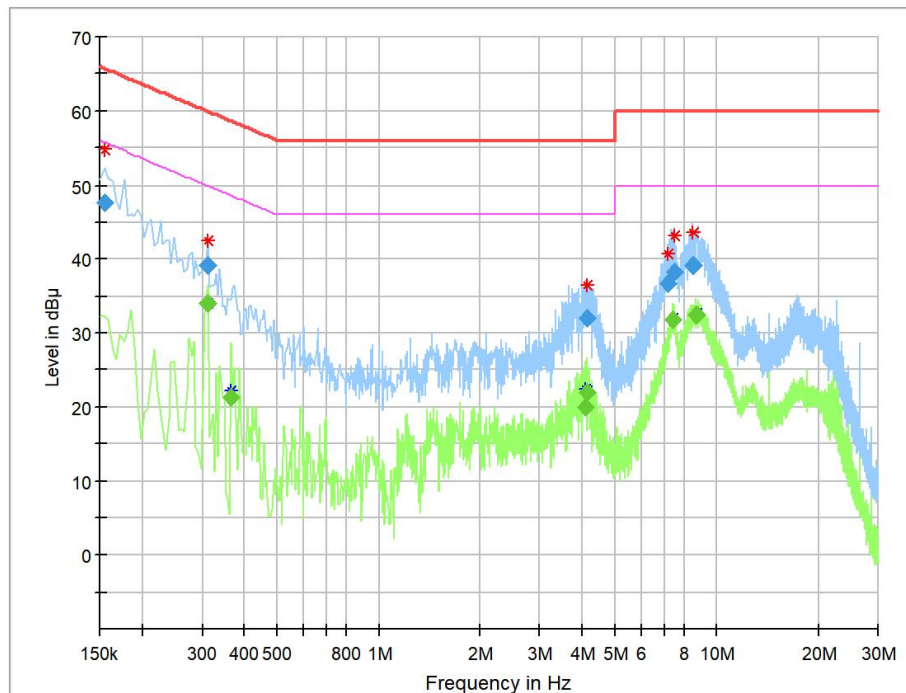
Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154500	---	34.78	55.75	20.97	100.0	9.000	L1	ON	9.6
0.159000	45.41	---	65.52	20.11	100.0	9.000	L1	ON	9.6
0.195000	39.51	---	63.82	24.31	100.0	9.000	L1	ON	9.6
0.280500	---	32.58	50.80	18.22	100.0	9.000	L1	ON	9.6
0.312000	39.04	---	59.92	20.87	100.0	9.000	L1	ON	9.6
0.312000	---	34.25	49.92	15.66	100.0	9.000	L1	ON	9.6
4.236000	---	20.81	46.00	25.19	100.0	9.000	L1	ON	9.7
7.377000	---	30.41	50.00	19.59	100.0	9.000	L1	ON	9.7
7.413000	37.81	---	60.00	22.19	100.0	9.000	L1	ON	9.7
8.425500	38.93	---	60.00	21.07	100.0	9.000	L1	ON	9.7
8.700000	---	32.41	50.00	17.59	100.0	9.000	L1	ON	9.7
9.010500	38.17	---	60.00	21.84	100.0	9.000	L1	ON	9.7

EUT:	LED Playback Control Processor	Polarity:	NEUTRAL
Model:	TU20 Pro	Power Supply:	ADS-36MG-12
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - CDD at Channel 5240MHz		



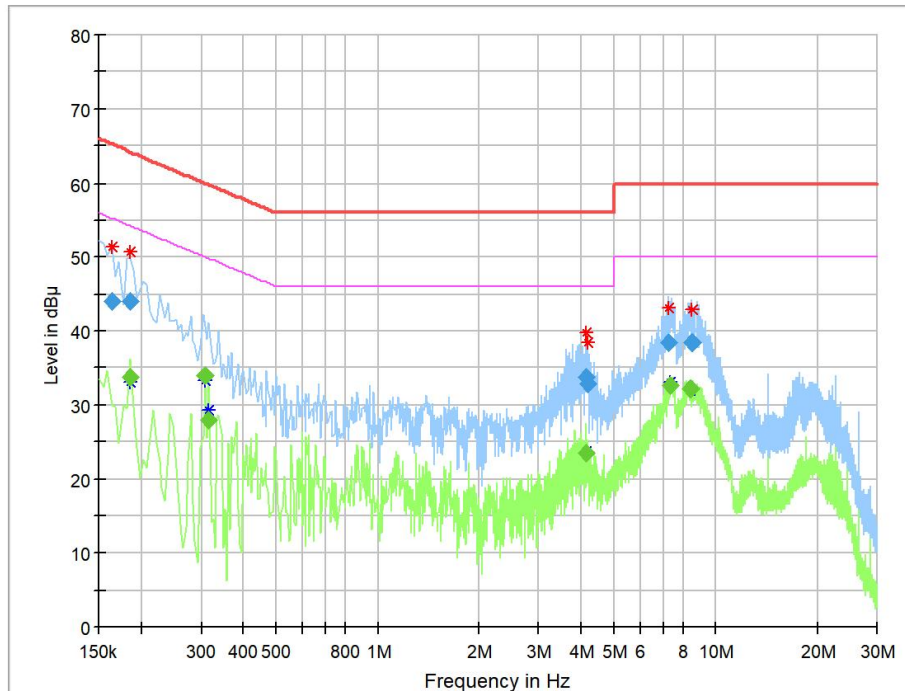
Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154500	---	35.94	55.75	19.82	100.0	9.000	N	ON	9.6
0.177000	41.93	---	64.63	22.69	100.0	9.000	N	ON	9.6
0.312000	---	32.93	49.92	16.98	100.0	9.000	N	ON	9.6
0.312000	38.45	---	59.92	21.46	100.0	9.000	N	ON	9.6
4.033500	---	22.04	46.00	23.96	100.0	9.000	N	ON	9.7
4.092000	---	21.92	46.00	24.08	100.0	9.000	N	ON	9.7
4.101000	33.34	---	56.00	22.66	100.0	9.000	N	ON	9.7
4.159500	34.13	---	56.00	21.87	100.0	9.000	N	ON	9.7
7.408500	38.87	---	60.00	21.13	100.0	9.000	N	ON	9.7
7.516500	---	32.45	50.00	17.55	100.0	9.000	N	ON	9.7
8.479500	38.64	---	60.00	21.36	100.0	9.000	N	ON	9.7
8.646000	---	32.22	50.00	17.78	100.0	9.000	N	ON	9.7

EUT:	LED Playback Control Processor	Polarity:	LINE
Model:	TU20 Pro	Power Supply:	ADS-36MG-12
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - CDD at Channel 5745MHz		



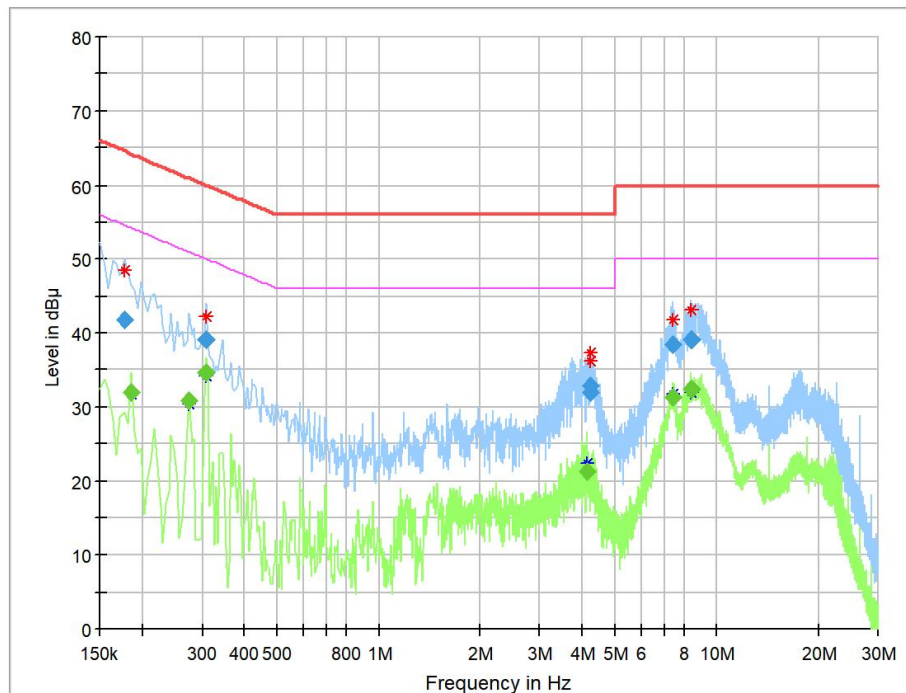
Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154500	47.62	---	65.75	18.13	100.0	9.000	L1	ON	9.6
0.312000	---	34.04	49.92	15.88	100.0	9.000	L1	ON	9.6
0.312000	39.20	---	59.92	20.72	100.0	9.000	L1	ON	9.6
0.366000	---	21.32	48.59	27.27	100.0	9.000	L1	ON	9.6
4.110000	---	20.00	46.00	26.00	100.0	9.000	L1	ON	9.7
4.159500	32.10	---	56.00	23.90	100.0	9.000	L1	ON	9.7
4.159500	---	22.06	46.00	23.94	100.0	9.000	L1	ON	9.7
7.228500	36.63	---	60.00	23.37	100.0	9.000	L1	ON	9.7
7.476000	---	31.88	50.00	18.12	100.0	9.000	L1	ON	9.7
7.534500	38.35	---	60.00	21.65	100.0	9.000	L1	ON	9.7
8.542500	39.26	---	60.00	20.74	100.0	9.000	L1	ON	9.7
8.700000	---	32.42	50.00	17.58	100.0	9.000	L1	ON	9.7

EUT:	LED Playback Control Processor	Polarity:	NEUTRAL
Model:	TU20 Pro	Power Supply:	ADS-36MG-12
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - CDD at Channel 5745Hz		



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.163500	43.96	---	65.28	21.33	100.0	9.000	N	ON	9.6
0.186000	---	33.82	54.21	20.39	100.0	9.000	N	ON	9.6
0.186000	43.96	---	64.21	20.25	100.0	9.000	N	ON	9.6
0.307500	---	34.02	50.04	16.02	100.0	9.000	N	ON	9.6
0.316500	---	27.94	49.80	21.86	100.0	9.000	N	ON	9.6
4.155000	33.81	---	56.00	22.19	100.0	9.000	N	ON	9.7
4.155000	---	23.47	46.00	22.53	100.0	9.000	N	ON	9.7
4.200000	32.80	---	56.00	23.20	100.0	9.000	N	ON	9.7
7.300500	38.36	---	60.00	21.64	100.0	9.000	N	ON	9.7
7.390500	---	32.70	50.00	17.30	100.0	9.000	N	ON	9.7
8.412000	---	32.24	50.00	17.76	100.0	9.000	N	ON	9.7
8.506500	38.48	---	60.00	21.52	100.0	9.000	N	ON	9.7

EUT:	LED Playback Control Processor	Polarity:	LINE
Model:	TU20 Pro	Power Supply:	ADS-36MG-12
Mode:	Mode 1	Voltage:	120V/60Hz
Environment:	Temp: 24°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - CDD at Channel 5825MHz		



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.177000	41.88	---	64.63	22.75	100.0	9.000	L1	ON	9.6
0.186000	---	31.94	54.21	22.28	100.0	9.000	L1	ON	9.6
0.276000	---	30.83	50.94	20.10	100.0	9.000	L1	ON	9.6
0.307500	---	34.65	50.04	15.39	100.0	9.000	L1	ON	9.6
0.307500	39.07	---	60.04	20.97	100.0	9.000	L1	ON	9.6
4.123500	---	21.14	46.00	24.86	100.0	9.000	L1	ON	9.7
4.213500	32.00	---	56.00	24.00	100.0	9.000	L1	ON	9.7
4.240500	32.89	---	56.00	23.11	100.0	9.000	L1	ON	9.7
7.440000	38.33	---	60.00	21.67	100.0	9.000	L1	ON	9.7
7.476000	---	31.32	50.00	18.68	100.0	9.000	L1	ON	9.7
8.380500	---	32.34	50.00	17.66	100.0	9.000	L1	ON	9.7
8.407500	39.00	---	60.00	21.00	100.0	9.000	L1	ON	9.7