number of pulses will be utilized for the random determination of specific test waveforms.

Table 5 Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	60%	30
		Test B			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.
Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a
Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with 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:

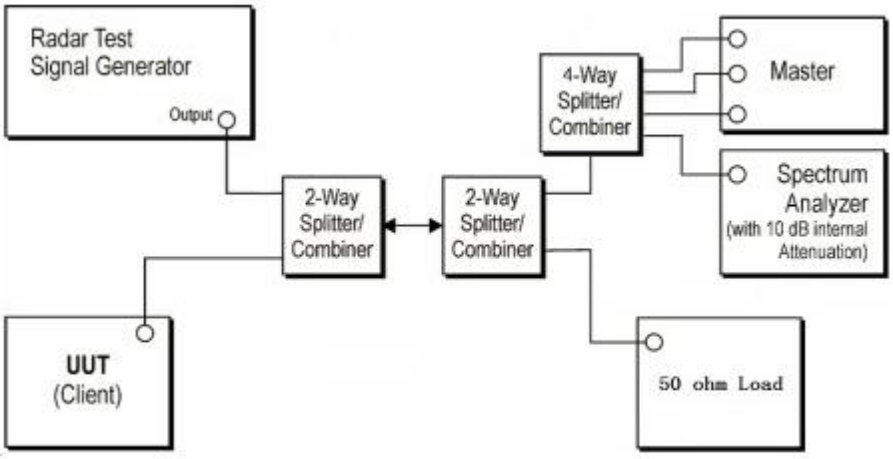
A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to place of the master

The interference Radar Detection Threshold Level is -62dBm + 0dBi +1dB = -61dBm 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 - -62dBm + 0dBi +1dB = -61dBm. Capture the spectrum analyzer plots on short pulse radar waveform.

Conducted Calibration Setup:



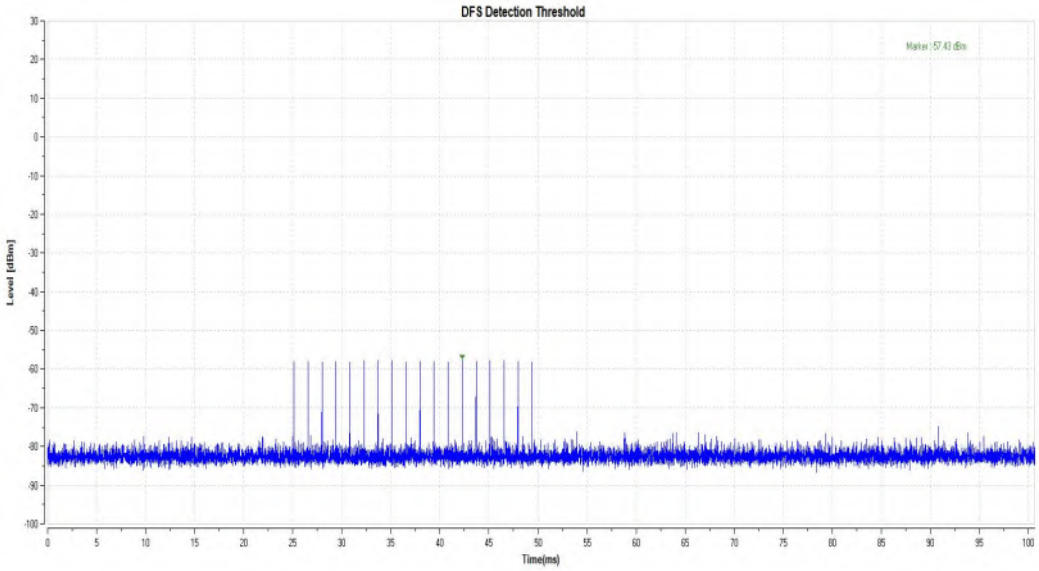
Note: 1. Use the software "Web" to set the frequency channel.

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

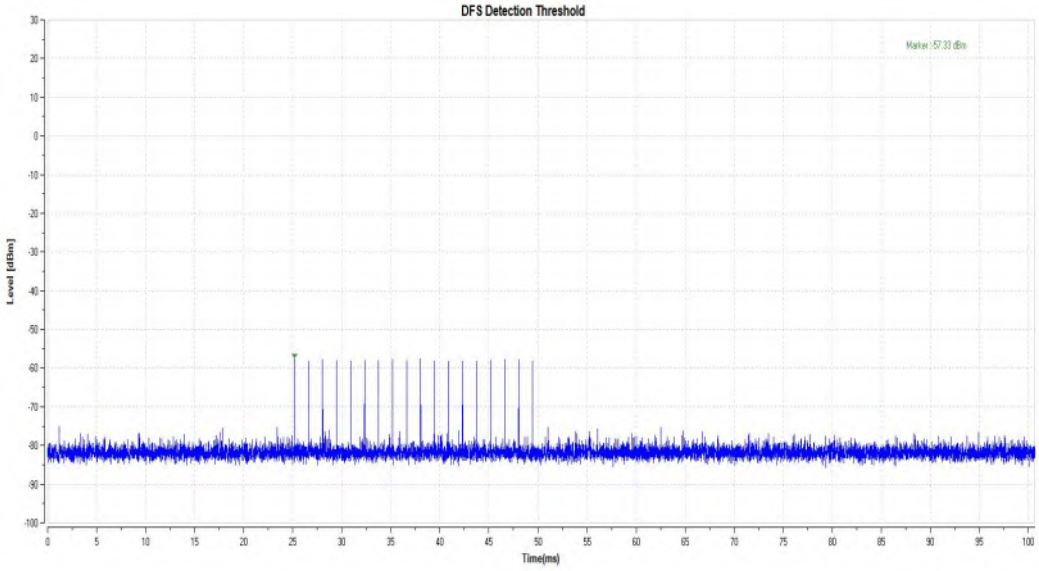
Radar Waveform Calibration Result:

Radar Type 0

11ax 5270



11ax 5670



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.

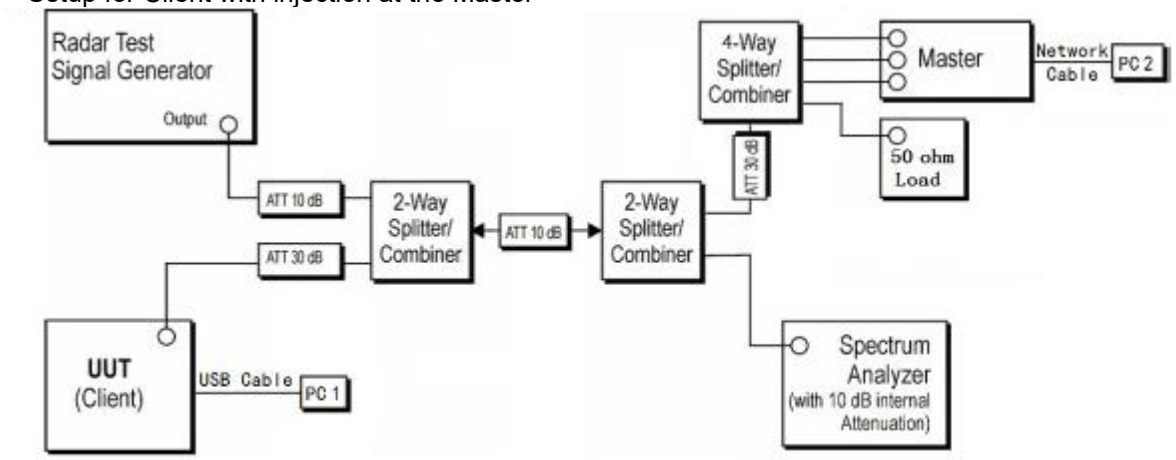
Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the

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 X 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

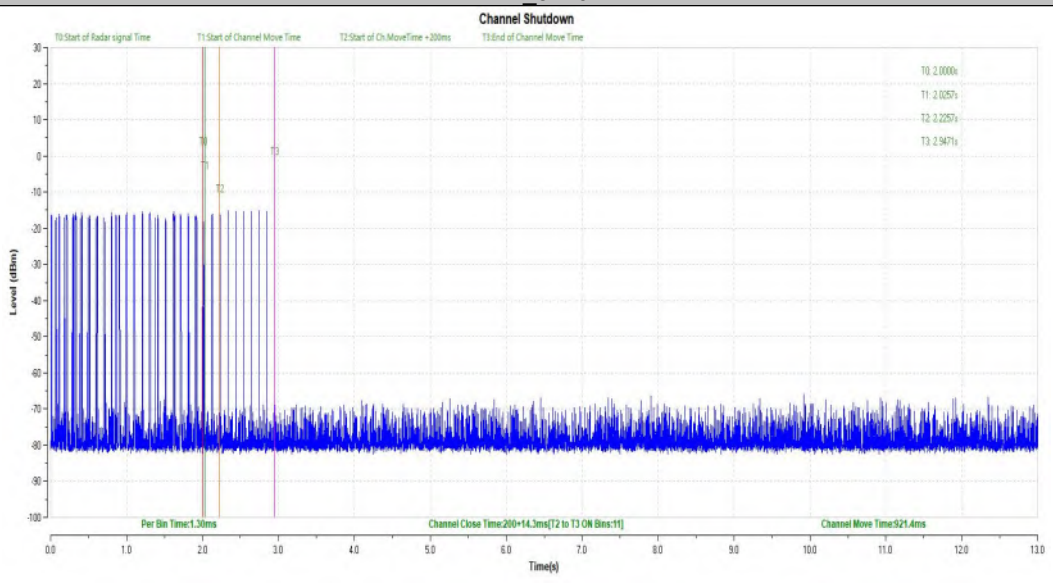


15.7. Test Result

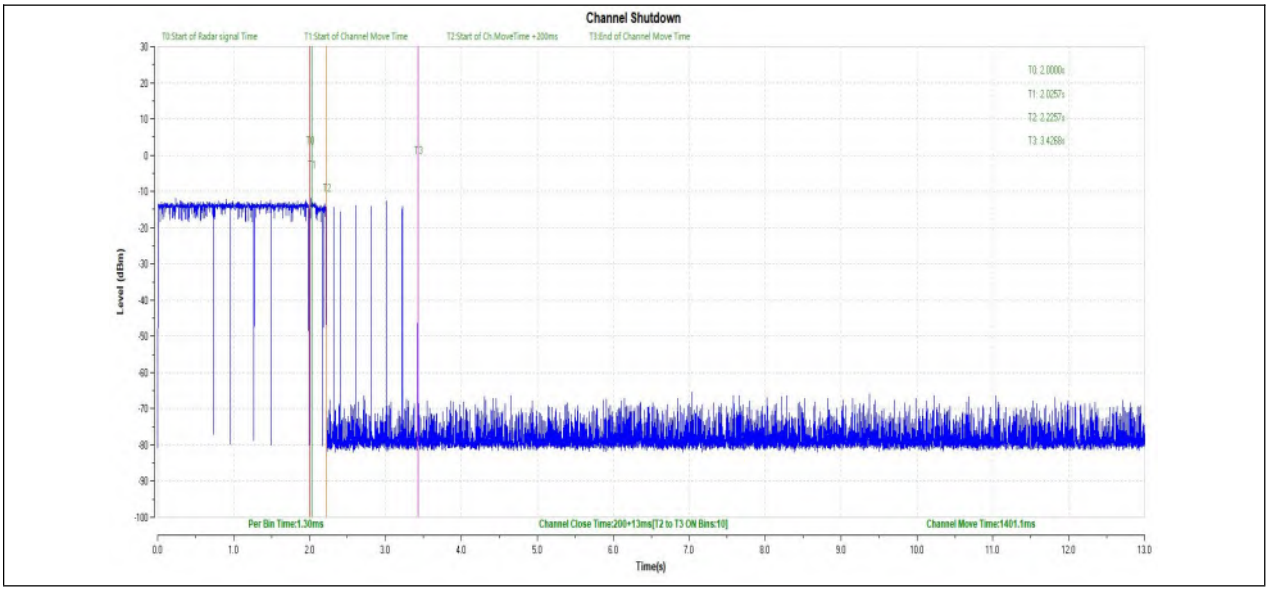
BW/Channel	Test Item	Test Result	Limit	Results
40M/5270MHz	Channel Move Time	0.92	＜10s	pass
	Channel Closing Transmission Time	0.214	＜0.26s	pass
40M/5670MHz	Channel Move Time	1.40	＜10s	pass
	Channel Closing Transmission Time	0.213	＜0.26s	pass

15.8. Original Test Data

11AX_5270



11AX_5670


Channel Shutdown
T0:Start of Radar signal Time
T1:Start of Channel Move Time
T2:Start of Ch.MoveTime +200ms
T3:End of Channel Move Time
T0: 2.0000s
T1: 2.0257s
T2: 2.2257s
T3: 3.4268s
Level (dBm)
Per Bin Time:1.30ms
Channel Close Time:200+13ms[T2 to T3 ON Bins:10]
Channel Move Time:1401.1ms
Time(s)

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.

16.2. Result

The device support 1T1R, the antennas both used for this product are dedicated FPC antennas and other than that furnished by the responsible party shall be used with the device, maximum antenna gain is 4.77 dBi.

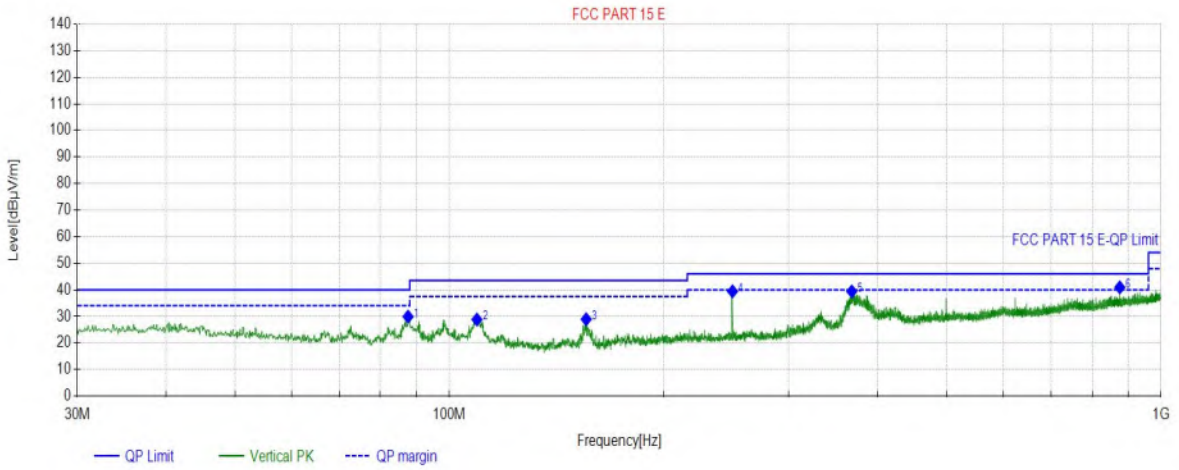
APPENDIX A – Radiated Emission Below 1GHz Test Data

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5260	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:			

Start of Test: 2023-07-23 14:24:24

Test Graph



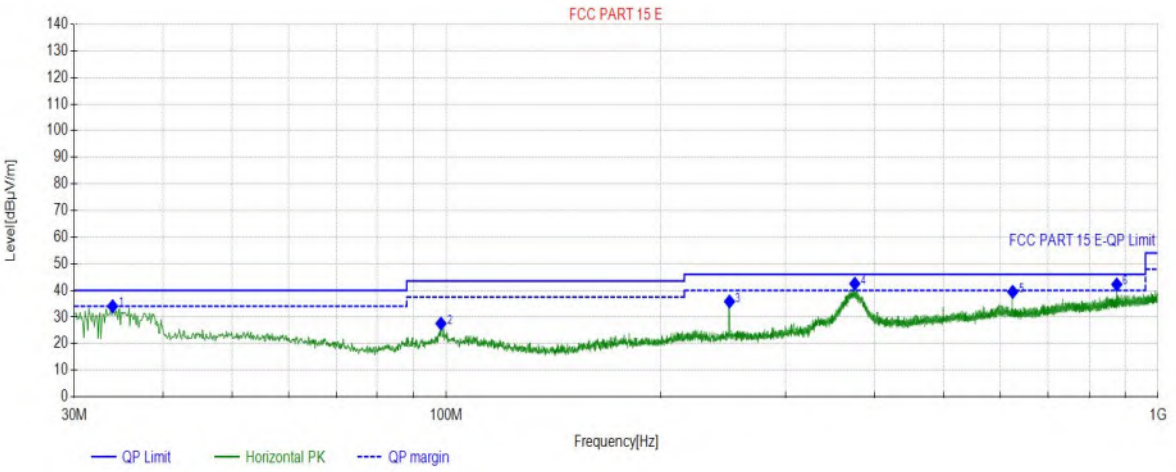
Final Data List								
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	87.5268	17.75	29.91	40.00	10.09	100	219	Vertical
2	109.3530	20.22	28.82	43.50	14.68	100	31	Vertical
3	155.7246	17.41	28.93	43.50	14.57	100	206	Vertical
4	250.0180	21.54	39.44	46.00	6.56	100	27	Vertical
5	367.6908	24.95	39.41	46.00	6.59	100	27	Vertical
6	875.0515	33.98	40.94	46.00	5.06	100	27	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5260	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:			

Start of Test: 2023-07-23 14:26:42

Test Graph



Final Data List								
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.9774	19.78	34.05	40.00	5.95	100	334	Horizonta
2	98.2948	20.38	27.54	43.50	15.96	100	334	Horizonta
3	250.0180	21.54	35.82	46.00	10.18	100	334	Horizonta
4	374.9665	25.12	42.52	46.00	3.48	100	234	Horizonta
5	624.9605	30.39	39.47	46.00	6.53	100	301	Horizonta
6	875.0515	33.98	42.24	46.00	3.76	100	334	Horizonta

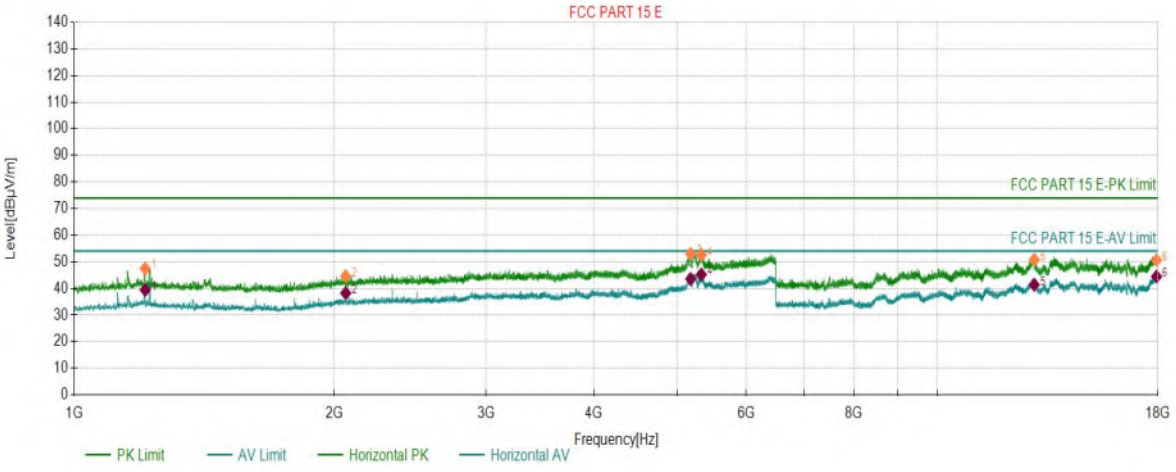
APPENDIX B – Radiated Emission Above 1GHz Test Data

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5260	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 17:14:28

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	1208.4708	2.75	47.44	74.00	26.56	150	358	Horizontal
2	2063.2563	5.52	44.56	74.00	29.44	150	22	Horizontal
3	5176.5677	20.76	53.02	74.00	20.98	150	0	Horizontal
4	5326.1826	20.99	52.56	74.00	21.44	150	184	Horizontal
5	12938.3438	10.40	50.75	74.00	23.25	150	32	Horizontal
6	17928.6929	15.00	50.63	74.00	23.37	150	307	Horizontal

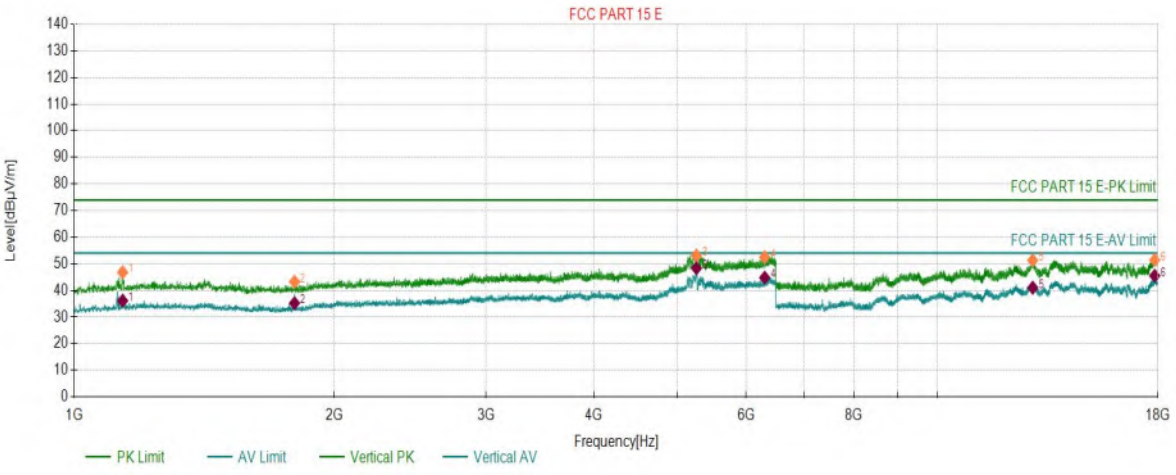
AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1208.4708	2.75	39.44	54.00	14.56	150	358	Horizontal
2	2063.2563	5.52	38.23	54.00	15.77	150	22	Horizontal
3	5176.5677	20.76	43.53	54.00	10.47	150	0	Horizontal
4	5326.1826	20.99	45.22	54.00	8.78	150	184	Horizontal
5	12938.3438	10.40	41.37	54.00	12.63	150	32	Horizontal
6	17928.6929	15.00	44.48	54.00	9.52	150	307	Horizontal

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5260	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 17:15:45

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	1138.0638	1.79	46.81	74.00	27.19	150	328	Vertical
2	1799.7800	3.42	43.24	74.00	30.76	150	297	Vertical
3	5256.8757	20.81	53.05	74.00	20.95	150	356	Vertical
4	6305.2805	20.84	52.49	74.00	21.51	150	345	Vertical
5	12886.5887	10.58	51.32	74.00	22.68	150	9	Vertical
6	17842.4342	14.26	51.42	74.00	22.58	150	108	Vertical

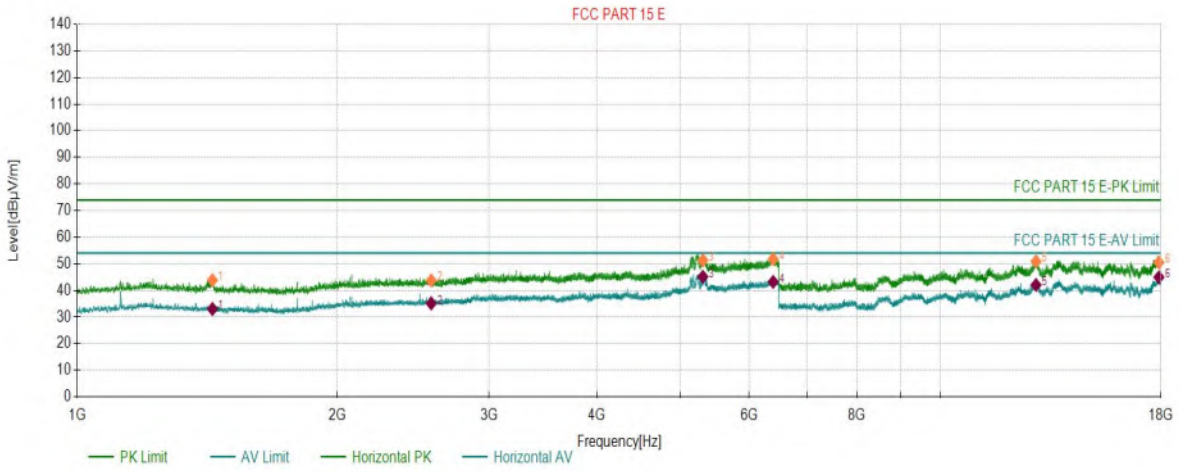
AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1138.0638	1.79	36.12	54.00	17.88	150	328	Vertical
2	1799.7800	3.42	35.22	54.00	18.78	150	297	Vertical
3	5256.8757	20.81	48.34	54.00	5.66	150	356	Vertical
4	6305.2805	20.84	44.81	54.00	9.19	150	345	Vertical
5	12886.5887	10.58	41.00	54.00	13.00	150	9	Vertical
6	17842.4342	14.26	45.50	54.00	8.50	150	108	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5280	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 17:18:50

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	1434.5435	2.59	43.85	74.00	30.15	150	238	Horizontal
2	2570.9571	7.12	43.73	74.00	30.27	150	0	Horizontal
3	5304.7305	20.95	51.26	74.00	22.74	150	123	Horizontal
4	6398.7899	21.82	51.74	74.00	22.26	150	254	Horizontal
5	12896.9397	10.79	50.89	74.00	23.11	150	40	Horizontal
6	17897.6398	15.19	50.49	74.00	23.51	150	324	Horizontal

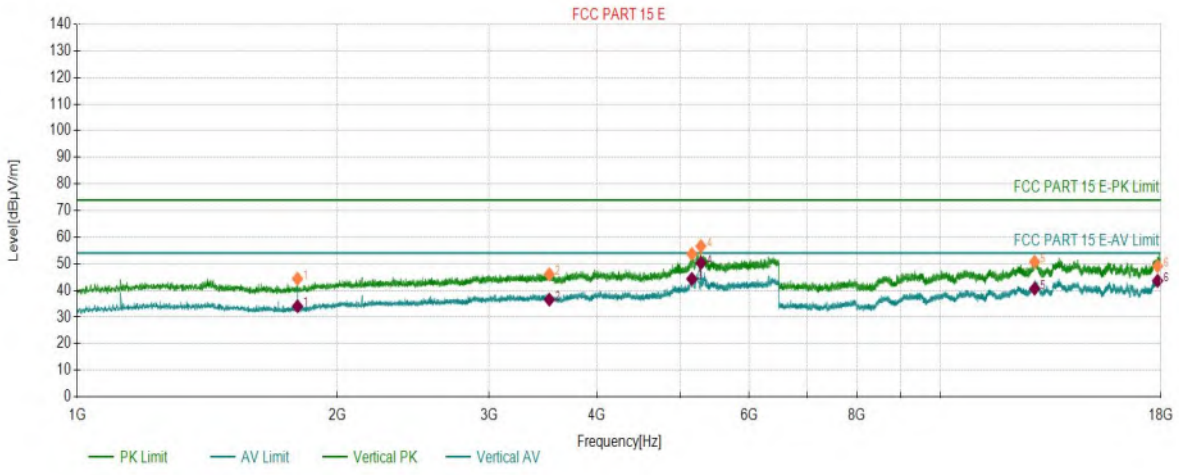
AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1434.5435	2.59	33.03	54.00	20.97	150	238	Horizontal
2	2570.9571	7.12	35.12	54.00	18.88	150	0	Horizontal
3	5304.7305	20.95	45.13	54.00	8.87	150	123	Horizontal
4	6398.7899	21.82	43.20	54.00	10.80	150	254	Horizontal
5	12896.9397	10.79	42.06	54.00	11.94	150	40	Horizontal
6	17897.6398	15.19	44.94	54.00	9.06	150	324	Horizontal

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5280	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 17:20:16

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	1799.7800	3.42	44.35	74.00	29.65	150	112	Vertical
2	3522.5523	10.25	46.07	74.00	27.93	150	62	Vertical
3	5151.2651	20.82	53.68	74.00	20.32	150	350	Vertical
4	5277.2277	20.82	56.63	74.00	17.37	150	2	Vertical
5	12848.6349	9.91	50.74	74.00	23.26	150	115	Vertical
6	17834.3834	14.15	49.11	74.00	24.89	150	355	Vertical

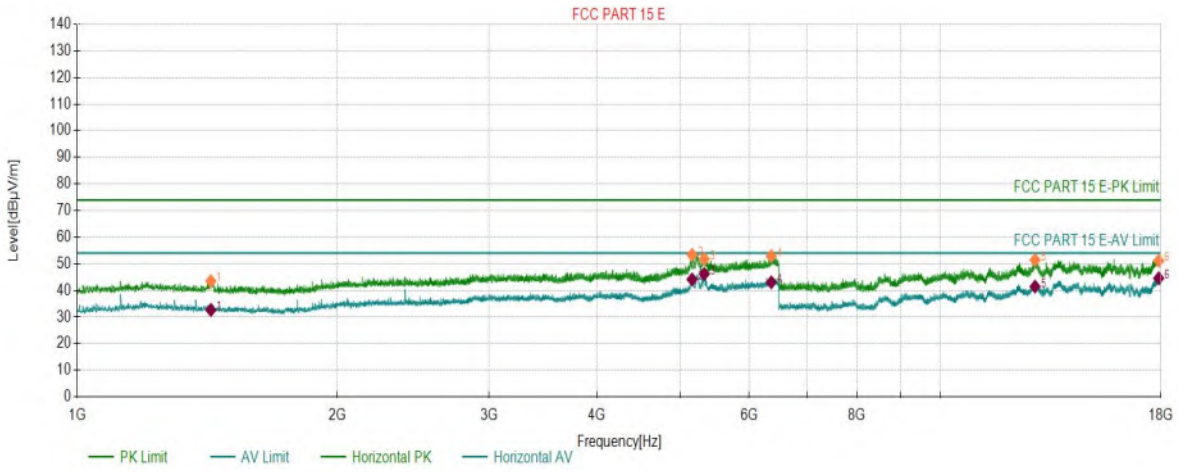
AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1799.7800	3.42	34.04	54.00	19.96	150	112	Vertical
2	3522.5523	10.25	36.52	54.00	17.48	150	62	Vertical
3	5151.2651	20.82	44.34	54.00	9.66	150	350	Vertical
4	5277.2277	20.82	50.31	54.00	3.69	150	2	Vertical
5	12848.6349	9.91	40.64	54.00	13.36	150	115	Vertical
6	17834.3834	14.15	43.61	54.00	10.39	150	355	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5320	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 17:22:56

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	1428.4928	2.58	43.49	74.00	30.51	150	5	Horizontal
2	5154.0154	20.77	53.35	74.00	20.65	150	5	Horizontal
3	5325.0825	20.99	51.77	74.00	22.23	150	5	Horizontal
4	6365.7866	21.46	52.90	74.00	21.10	150	358	Horizontal
5	12863.5864	10.20	51.45	74.00	22.55	150	270	Horizontal
6	17888.4388	15.06	51.14	74.00	22.86	150	359	Horizontal

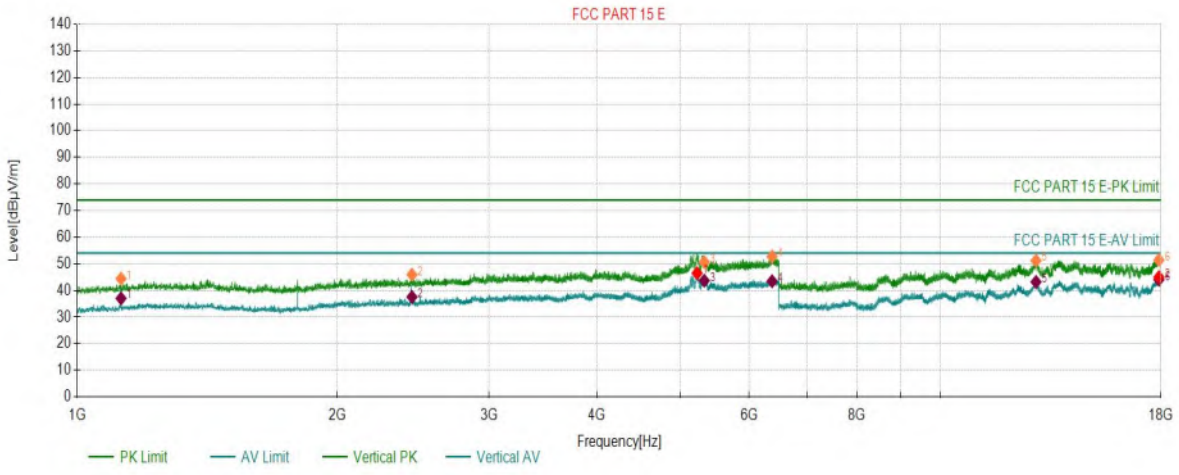
AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1428.4928	2.58	32.64	54.00	21.36	150	5	Horizontal
2	5154.0154	20.77	44.15	54.00	9.85	150	5	Horizontal
3	5325.0825	20.99	46.19	54.00	7.81	150	5	Horizontal
4	6365.7866	21.46	43.04	54.00	10.96	150	358	Horizontal
5	12863.5864	10.20	41.44	54.00	12.56	150	270	Horizontal
6	17888.4388	15.06	44.58	54.00	9.42	150	359	Horizontal

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5320	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 17:24:22

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	1124.3124	1.57	44.41	74.00	29.59	150	236	Vertical
2	2442.2442	6.70	45.92	74.00	28.08	150	253	Vertical
3	5325.0825	20.86	50.65	74.00	23.35	150	339	Vertical
4	6379.5380	21.63	52.70	74.00	21.30	150	355	Vertical
5	12896.9397	10.77	51.20	74.00	22.80	150	124	Vertical
6	17896.4896	14.99	51.43	74.00	22.57	150	313	Vertical

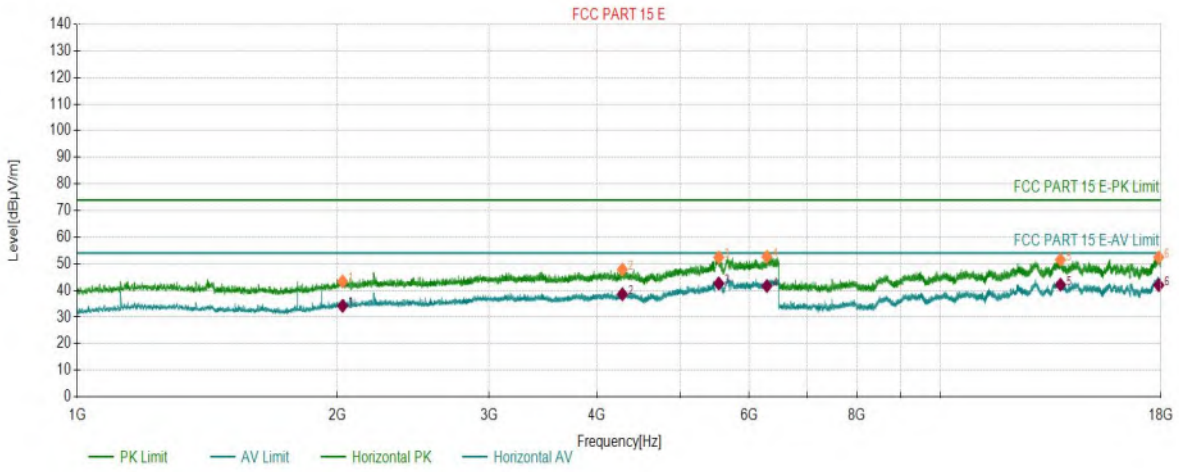
AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1124.3124	1.57	37.01	54.00	16.99	150	236	Vertical
2	2442.2442	6.70	37.54	54.00	16.46	150	253	Vertical
3	5325.0825	20.86	43.67	54.00	10.33	150	339	Vertical
4	6379.5380	21.63	43.44	54.00	10.56	150	355	Vertical
5	12896.9397	10.77	43.20	54.00	10.80	150	124	Vertical
6	17896.4896	14.99	44.06	54.00	9.94	150	313	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5500	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 17:28:42

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	2029.7030	5.28	43.38	74.00	30.62	150	0	Horizontal
2	4279.9780	13.66	47.83	74.00	26.17	150	31	Horizontal
3	5534.6535	19.75	52.41	74.00	21.59	150	48	Horizontal
4	6292.6293	20.97	52.65	74.00	21.35	150	338	Horizontal
5	13767.5768	11.04	51.49	74.00	22.51	150	57	Horizontal
6	17891.8892	15.11	52.45	74.00	21.55	150	125	Horizontal

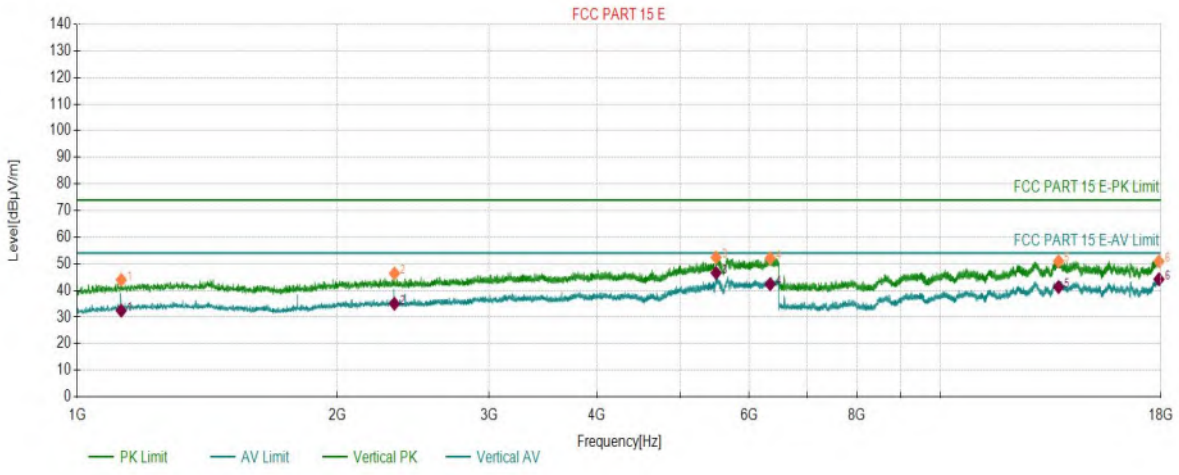
AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2029.7030	5.28	34.17	54.00	19.83	150	0	Horizontal
2	4279.9780	13.66	38.55	54.00	15.45	150	31	Horizontal
3	5534.6535	19.75	42.61	54.00	11.39	150	48	Horizontal
4	6292.6293	20.97	41.66	54.00	12.34	150	338	Horizontal
5	13767.5768	11.04	42.16	54.00	11.84	150	57	Horizontal
6	17891.8892	15.11	41.97	54.00	12.03	150	125	Horizontal

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5500	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 17:30:00

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	1124.8625	1.52	43.93	74.00	30.07	150	270	Vertical
2	2330.5831	6.21	46.38	74.00	27.62	150	183	Vertical
3	5495.5996	19.53	52.39	74.00	21.61	150	330	Vertical
4	6348.1848	21.22	52.09	74.00	21.91	150	245	Vertical
5	13696.2696	11.85	50.95	74.00	23.05	150	343	Vertical
6	17899.9400	15.04	50.93	74.00	23.07	150	10	Vertical

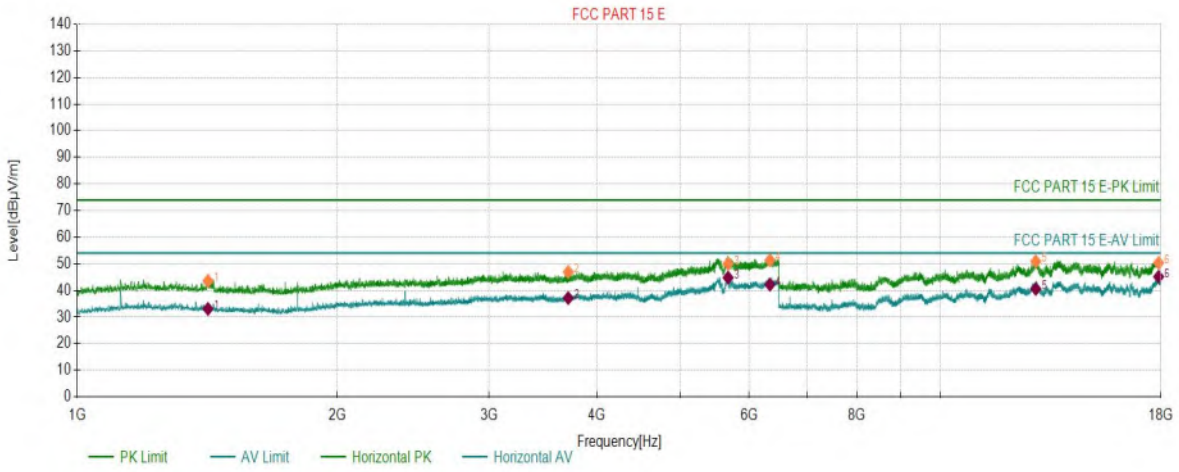
AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1124.8625	1.52	32.40	54.00	21.60	150	270	Vertical
2	2330.5831	6.21	35.00	54.00	19.00	150	183	Vertical
3	5495.5996	19.53	46.57	54.00	7.43	150	330	Vertical
4	6348.1848	21.22	42.33	54.00	11.67	150	245	Vertical
5	13696.2696	11.85	41.28	54.00	12.72	150	343	Vertical
6	17899.9400	15.04	44.19	54.00	9.81	150	10	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5580	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 17:33:07

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	1417.4917	2.53	43.54	74.00	30.46	150	244	Horizontal
2	3704.6205	10.84	46.93	74.00	27.07	150	0	Horizontal
3	5673.8174	20.35	50.00	74.00	24.00	150	16	Horizontal
4	6343.7844	21.18	51.34	74.00	22.66	150	141	Horizontal
5	12888.8889	10.64	50.91	74.00	23.09	150	268	Horizontal
6	17884.9885	15.01	50.31	74.00	23.69	150	251	Horizontal

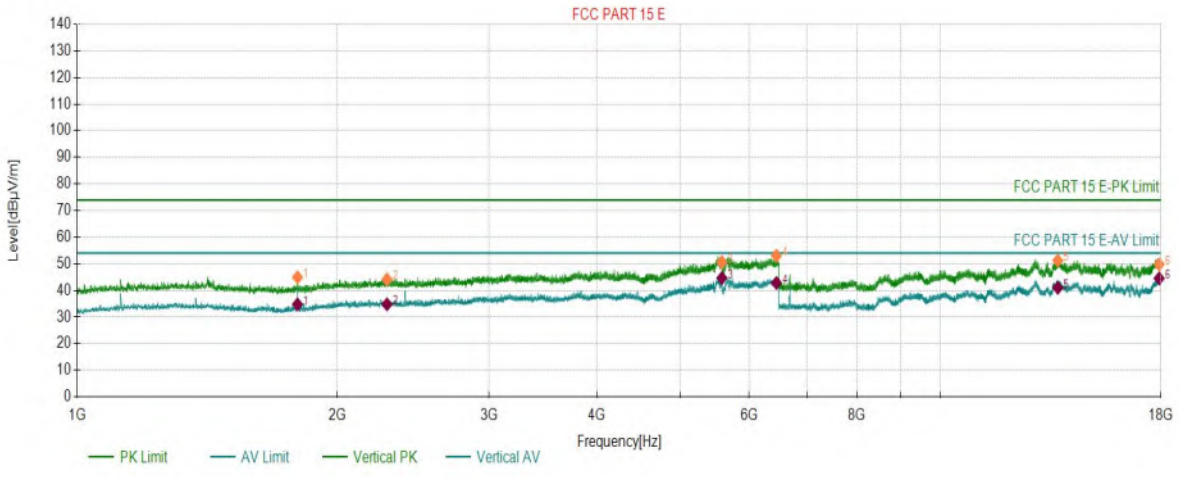
AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1417.4917	2.53	33.06	54.00	20.94	150	244	Horizontal
2	3704.6205	10.84	37.13	54.00	16.87	150	0	Horizontal
3	5673.8174	20.35	44.80	54.00	9.20	150	16	Horizontal
4	6343.7844	21.18	42.17	54.00	11.83	150	141	Horizontal
5	12888.8889	10.64	40.56	54.00	13.44	150	268	Horizontal
6	17884.9885	15.01	45.14	54.00	8.86	150	251	Horizontal

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5580	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 17:34:33

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	1799.7800	3.48	44.92	74.00	29.08	150	125	Vertical
2	2284.9285	6.18	44.10	74.00	29.90	150	227	Vertical
3	5580.8581	19.73	50.65	74.00	23.35	150	330	Vertical
4	6454.3454	21.55	53.02	74.00	20.98	150	75	Vertical
5	13667.5168	11.46	51.18	74.00	22.82	150	218	Vertical
6	17907.9908	14.98	49.78	74.00	24.22	150	355	Vertical

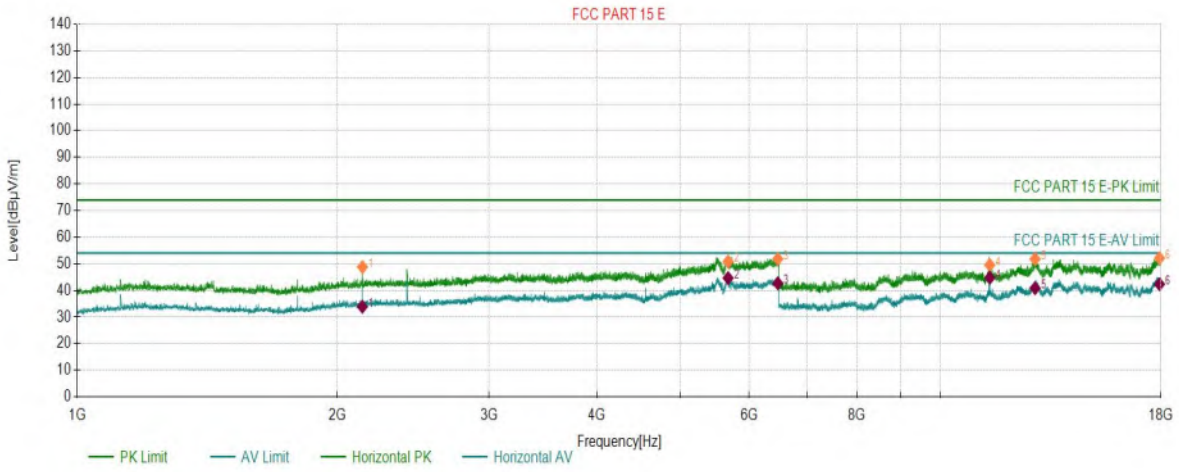
AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1799.7800	3.48	34.73	54.00	19.27	150	125	Vertical
2	2284.9285	6.18	34.76	54.00	19.24	150	227	Vertical
3	5580.8581	19.73	44.65	54.00	9.35	150	330	Vertical
4	6454.3454	21.55	42.79	54.00	11.21	150	75	Vertical
5	13667.5168	11.46	41.01	54.00	12.99	150	218	Vertical
6	17907.9908	14.98	44.53	54.00	9.47	150	355	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5700	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 17:37:00

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	2139.7140	5.90	48.83	74.00	25.17	150	329	Horizontal
2	5673.8174	20.35	50.83	74.00	23.17	150	289	Horizontal
3	6477.9978	21.60	51.82	74.00	22.18	150	80	Horizontal
4	11400.6401	5.57	49.54	74.00	24.46	150	315	Horizontal
5	12863.5864	10.20	51.78	74.00	22.22	150	91	Horizontal
6	17925.2425	15.03	52.10	74.00	21.90	150	247	Horizontal

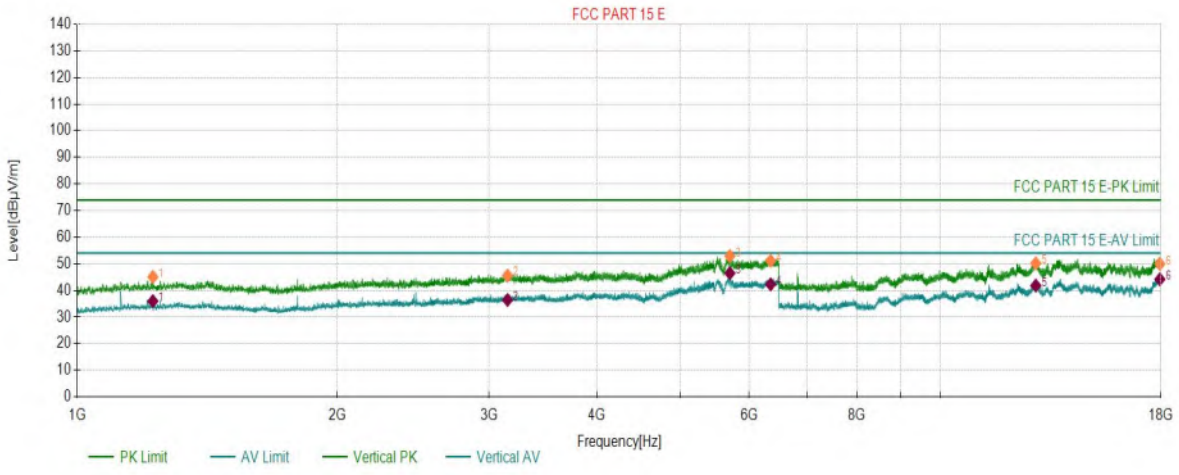
AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2139.7140	5.90	33.88	54.00	20.12	150	329	Horizontal
2	5673.8174	20.35	44.66	54.00	9.34	150	289	Horizontal
3	6477.9978	21.60	42.67	54.00	11.33	150	80	Horizontal
4	11400.6401	5.57	44.77	54.00	9.23	150	315	Horizontal
5	12863.5864	10.20	40.84	54.00	13.16	150	91	Horizontal
6	17925.2425	15.03	42.32	54.00	11.68	150	247	Horizontal

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5700	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 17:38:25

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	1223.8724	2.73	45.08	74.00	28.92	150	227	Vertical
2	3150.7151	9.53	45.60	74.00	28.40	150	270	Vertical
3	5700.7701	20.52	52.92	74.00	21.08	150	15	Vertical
4	6355.3355	21.25	51.11	74.00	22.89	150	338	Vertical
5	12888.8889	10.62	50.19	74.00	23.81	150	358	Vertical
6	17943.6444	14.70	49.96	74.00	24.04	150	10	Vertical

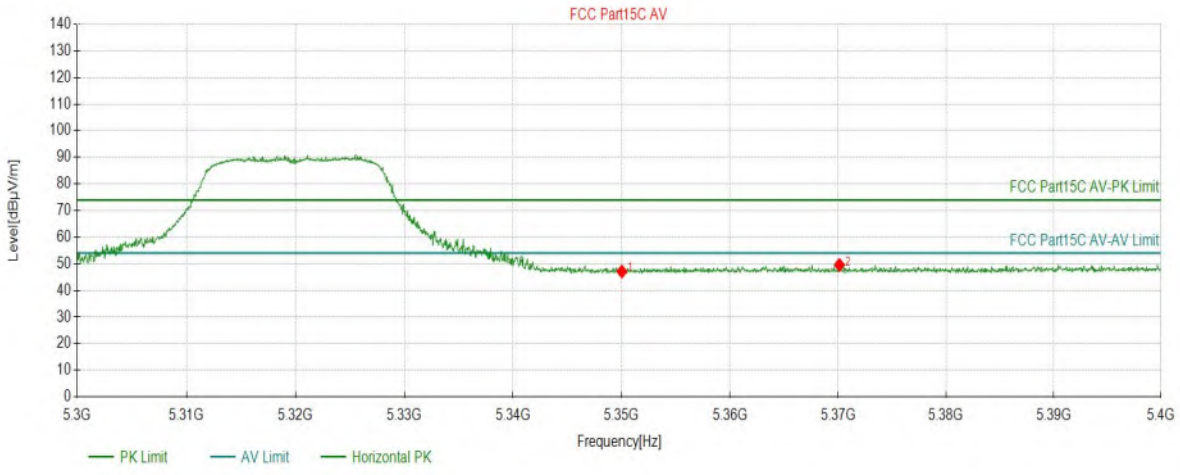
AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1223.8724	2.73	35.96	54.00	18.04	150	227	Vertical
2	3150.7151	9.53	36.40	54.00	17.60	150	270	Vertical
3	5700.7701	20.52	46.47	54.00	7.53	150	15	Vertical
4	6355.3355	21.25	42.25	54.00	11.75	150	338	Vertical
5	12888.8889	10.62	41.81	54.00	12.19	150	358	Vertical
6	17943.6444	14.70	44.18	54.00	9.82	150	10	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5320	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 16:05:34

Test Graph



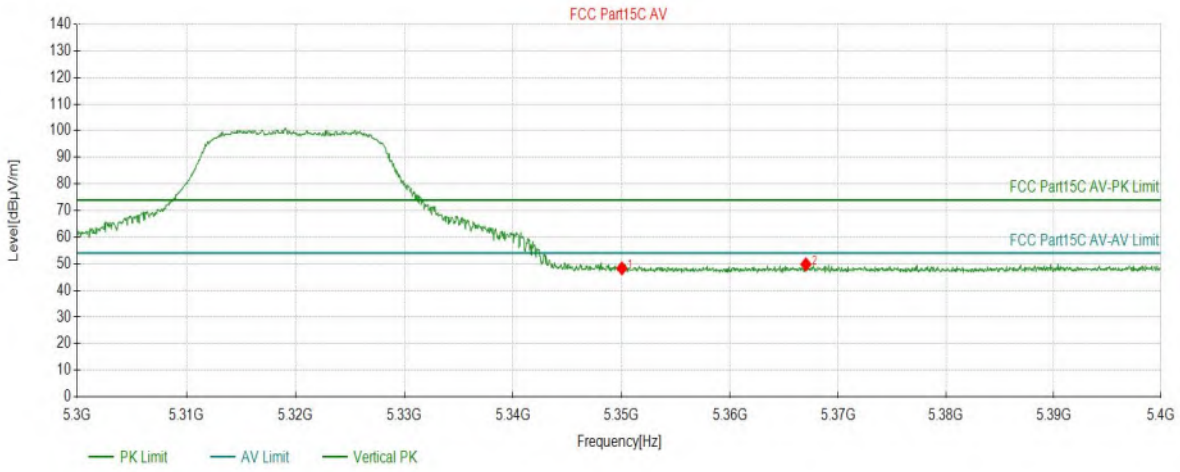
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5350.0250	47.10	16.70	74.00	26.90	150	80	PK	Horizont
2	5370.1351	49.57	16.80	74.00	24.43	150	359	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A-5320	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 16:06:21

Test Graph



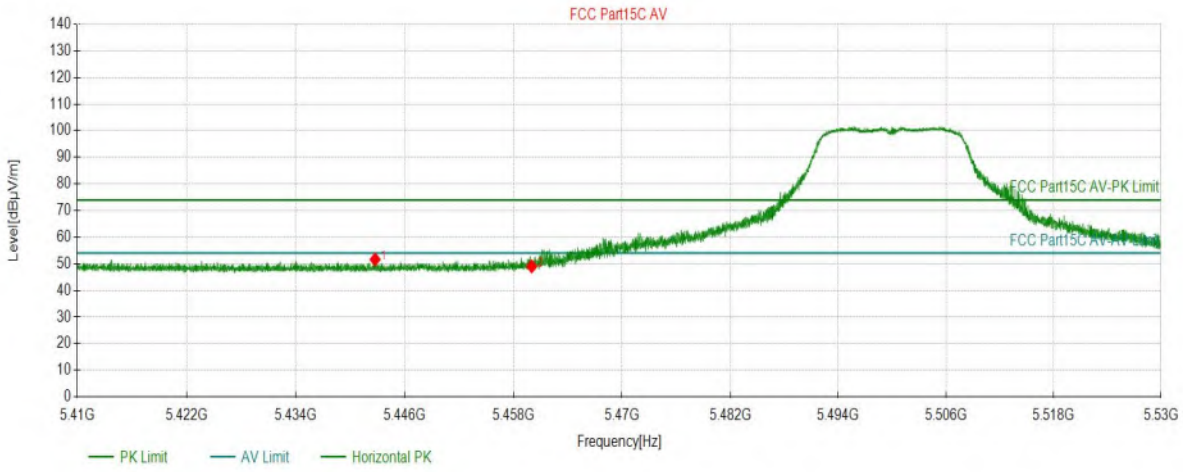
Suspected Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Detector	Polarity
1	5350.0250	48.28	16.55	74.00	25.72	150	PK	Vertical
2	5367.0335	49.80	16.61	74.00	24.20	150	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A_5500	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-11 16:22:50

Test Graph



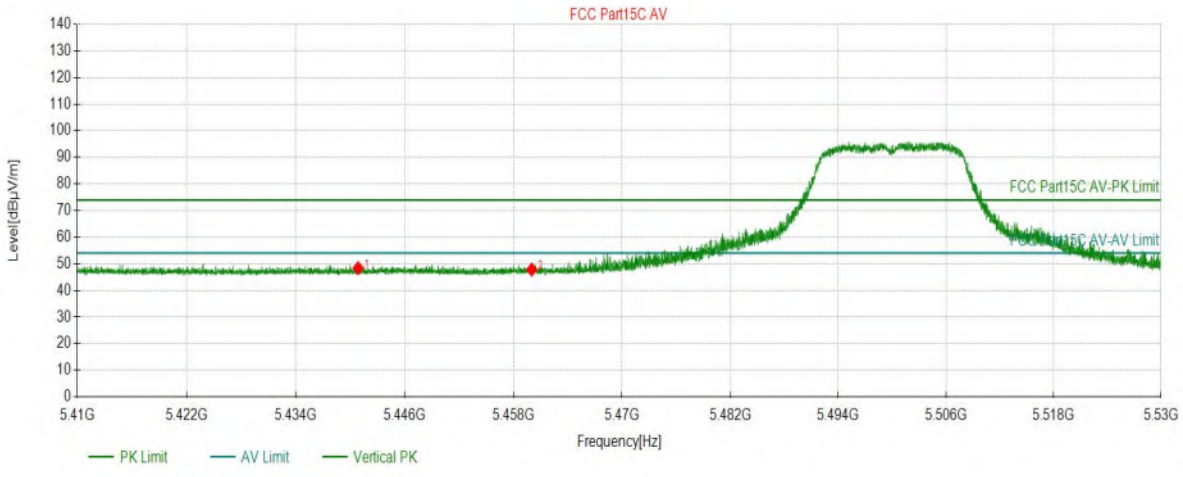
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5442.7273	51.63	16.94	74.00	22.37	150	21	PK	Horizont
2	5460.0090	49.04	16.93	74.00	24.96	150	6	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A_5500	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-11 16:23:40

Test Graph



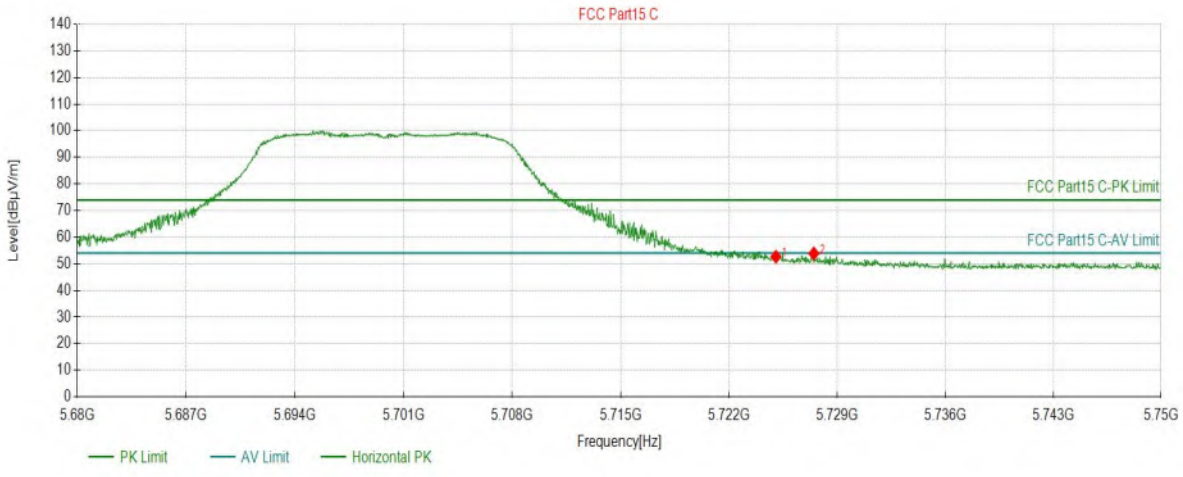
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5440.8551	48.35	16.76	74.00	25.65	150	177	PK	Vertical
2	5460.0090	47.82	16.76	74.00	26.18	150	304	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A_5700	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-11 16:29:45

Test Graph



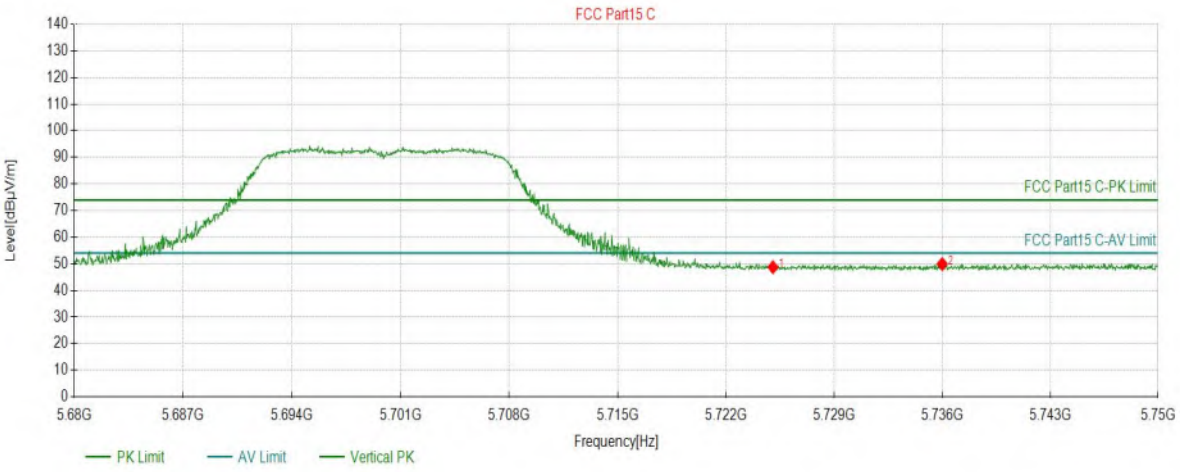
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5725.0325	52.68	17.93	74.00	21.32	150	354	PK	Horizont
2	5727.4837	53.86	17.94	74.00	20.14	150	0	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11A_5700	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-11 16:30:29

Test Graph



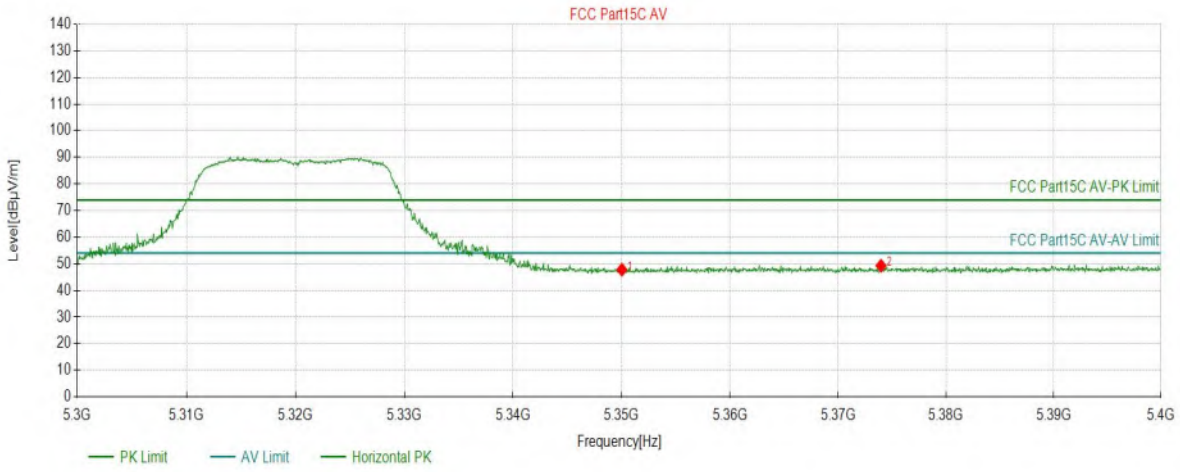
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5725.0325	48.73	17.96	74.00	25.27	150	151	PK	Vertical
2	5735.9930	49.92	18.02	74.00	24.08	150	350	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11N20-5320	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 18:05:41

Test Graph



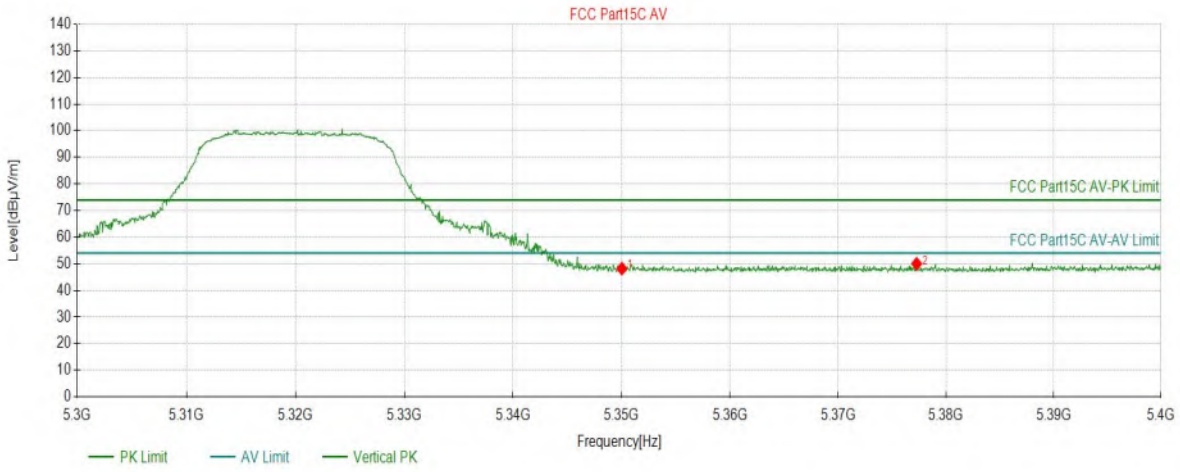
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5350.0250	47.77	16.70	74.00	26.23	150	332	PK	Horizont
2	5373.9870	49.28	16.82	74.00	24.72	150	4	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11N20-5320	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-03 18:06:21

Test Graph



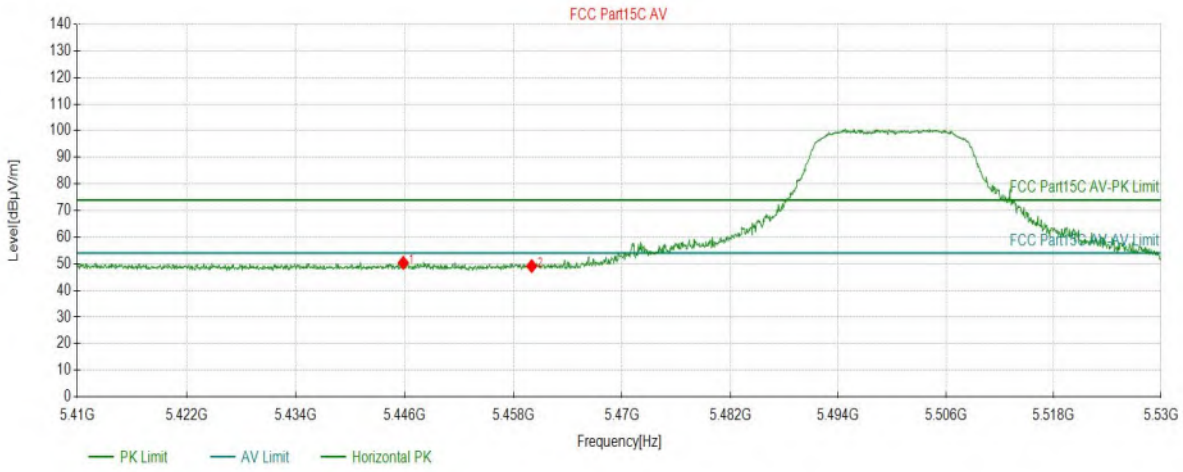
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5350.0250	48.16	16.55	74.00	25.84	150	12	PK	Vertical
2	5377.2886	50.00	16.65	74.00	24.00	150	355	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11N20_5500	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-11 16:36:11

Test Graph



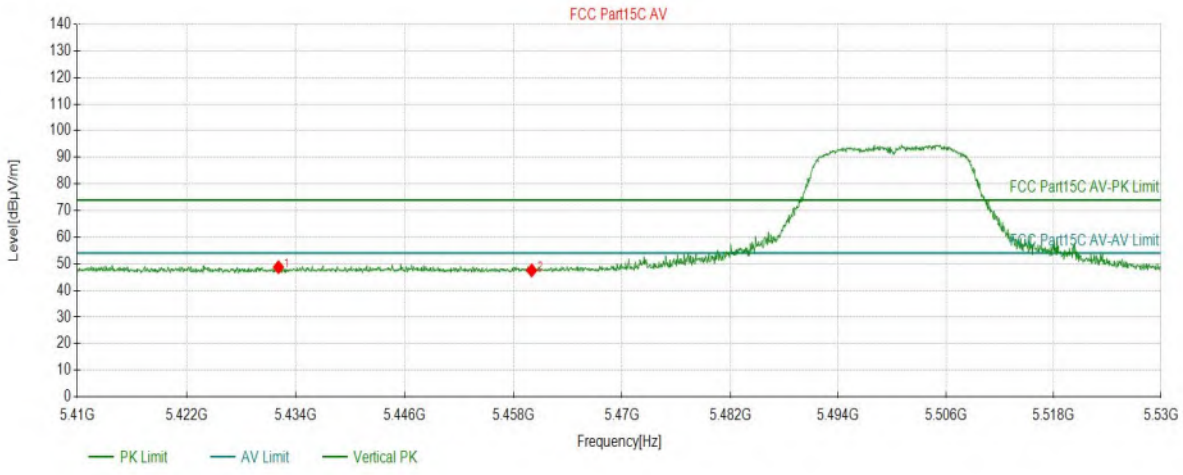
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5445.8379	50.37	16.94	74.00	23.63	150	357	PK	Horizont
2	5460.0050	49.13	16.93	74.00	24.87	150	306	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11N20_5500	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-11 16:36:59

Test Graph



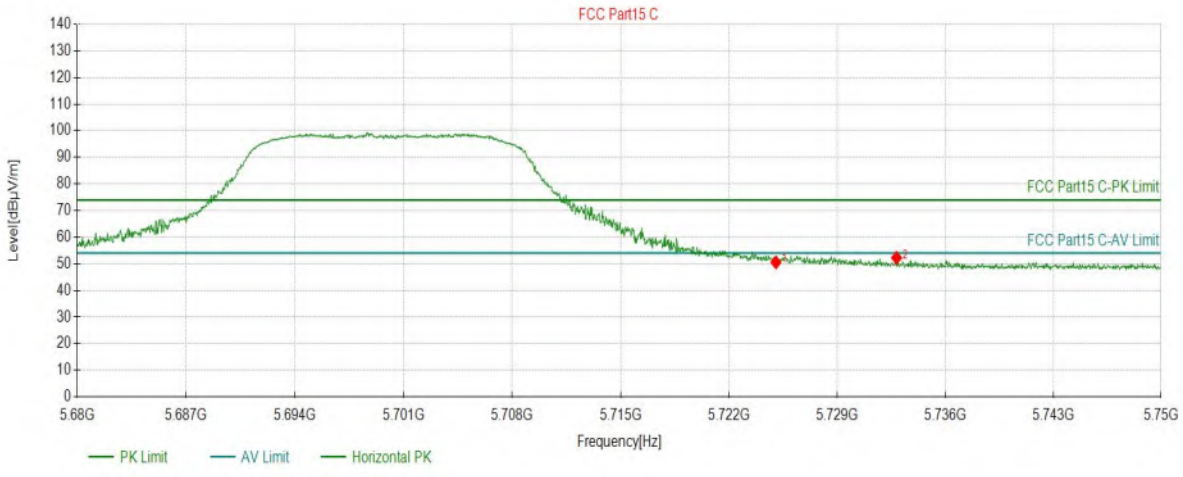
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5432.0910	48.73	16.75	74.00	25.27	150	74	PK	Vertical
2	5460.0050	47.51	16.76	74.00	26.49	150	121	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11N20_5700	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 10		

Start of Test: 2023-07-11 16:32:44

Test Graph



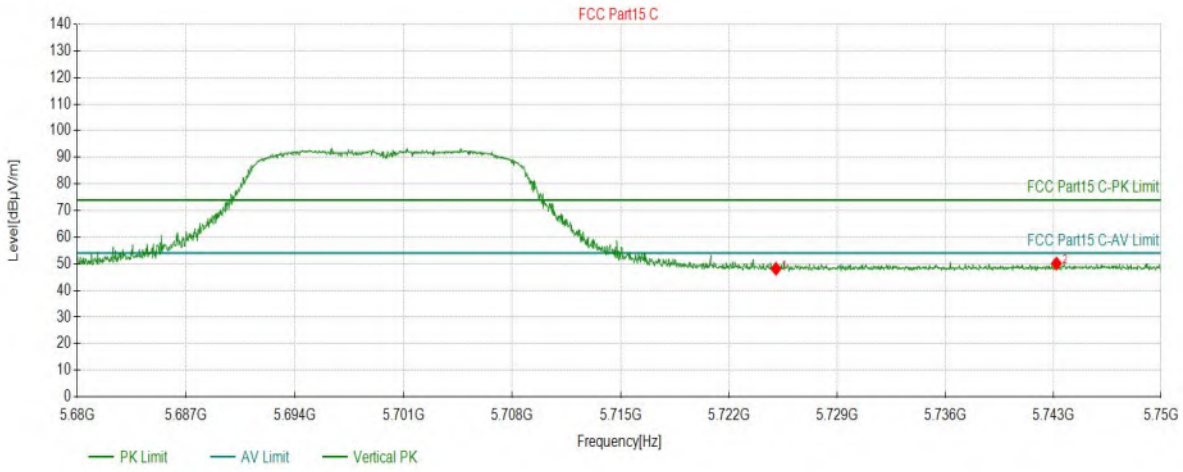
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5725.0325	50.55	17.93	74.00	23.45	150	0	PK	Horizont
2	5732.8414	52.24	17.97	74.00	21.76	150	357	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11N20_5700	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 10		

Start of Test: 2023-07-11 16:33:28

Test Graph



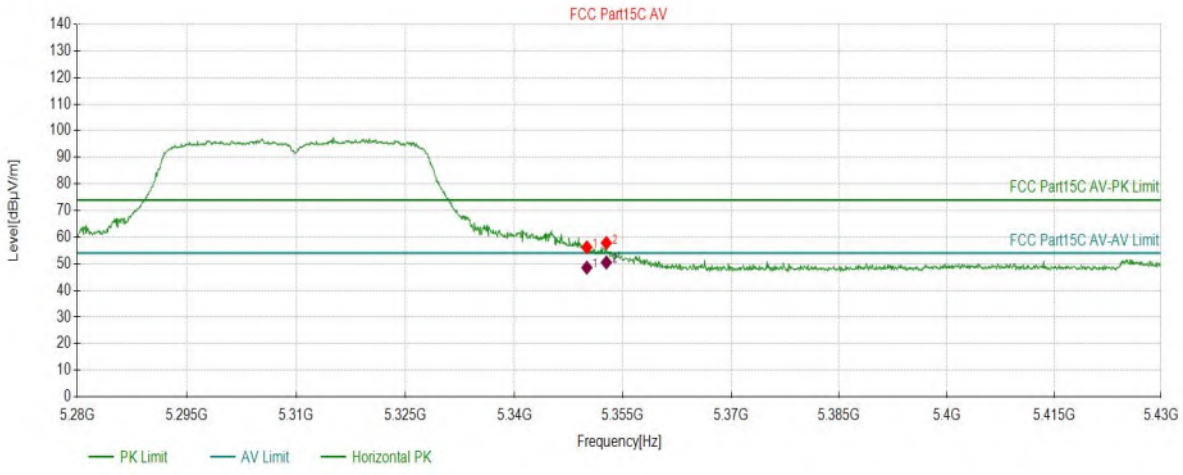
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5725.0325	48.11	17.96	74.00	25.89	150	355	PK	Vertical
2	5743.2066	50.07	18.06	74.00	23.93	150	357	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11N40-5310	Voltage:	AC 120V/60Hz
Customer:		Engineer:	
Remark:	0		

Start of Test: 2023-07-09 10:21:57

Test Graph



Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5350.0100	56.18	16.70	74.00	17.82	150	338	PK	Horizont
2	5352.7114	57.82	16.71	74.00	16.18	150	335	PK	Horizont

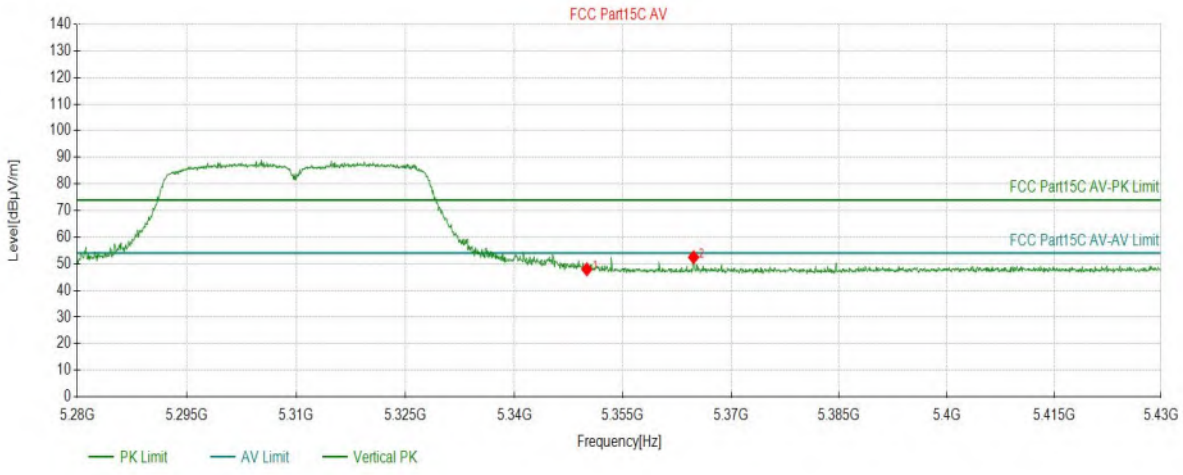
AV Final Data List								
NO.	Freq. [MHz]	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5350.0100	16.70	48.56	54.00	5.44	150	338	Horizontal
2	5352.7114	16.71	50.49	54.00	3.51	150	335	Horizontal

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11N40-5310	Voltage:	AC 120V/60Hz
Customer:		Engineer:	
Remark:	0		

Start of Test: 2023-07-09 10:22:37

Test Graph



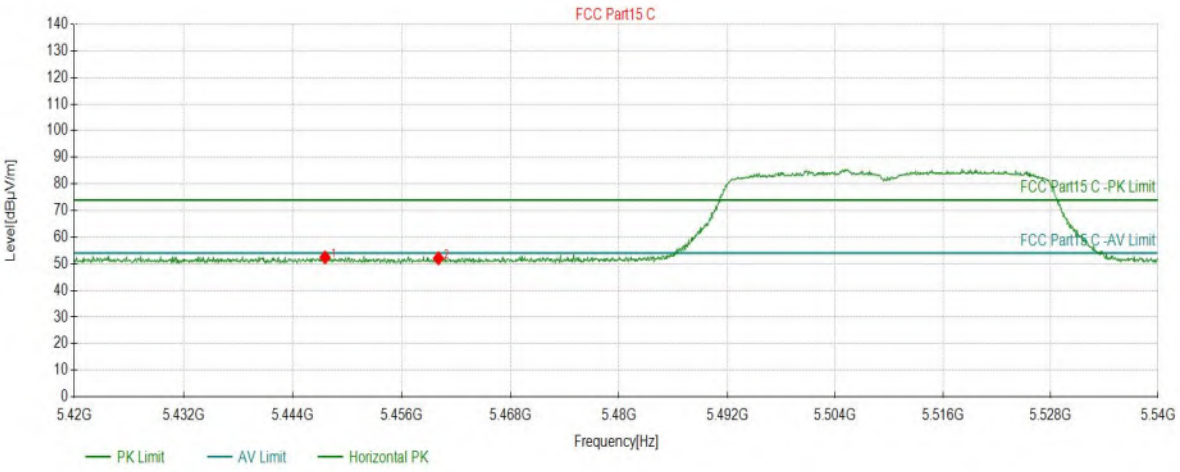
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5350.0100	47.92	16.55	74.00	26.08	150	107	PK	Vertical
2	5364.7924	52.46	16.61	74.00	21.54	150	355	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11N40-5510	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 15:31:10

Test Graph



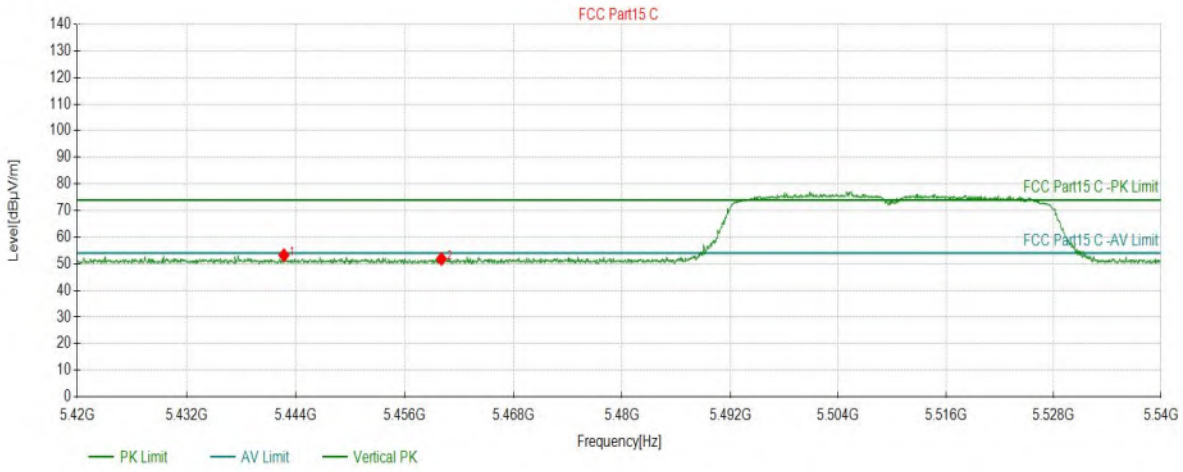
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5447.5538	52.41	16.94	74.00	21.59	150	318	PK	Horizont
2	5460.0400	52.05	16.93	74.00	21.95	150	77	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11N40-5510	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 15:31:58

Test Graph



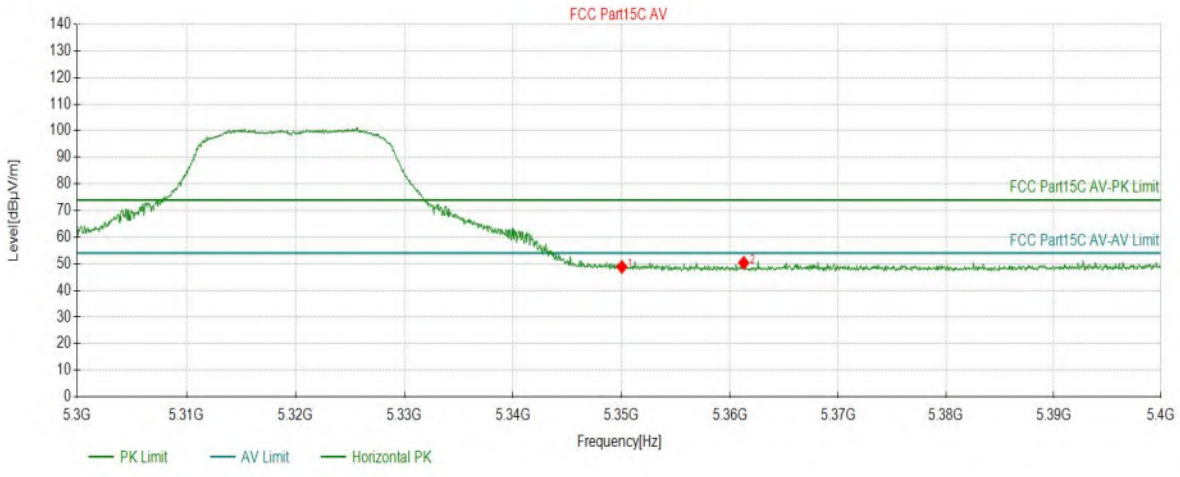
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5442.6913	53.21	16.76	74.00	20.79	150	348	PK	Vertical
2	5460.0400	51.83	16.76	74.00	22.17	150	268	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AC20-5320	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 15:43:32

Test Graph



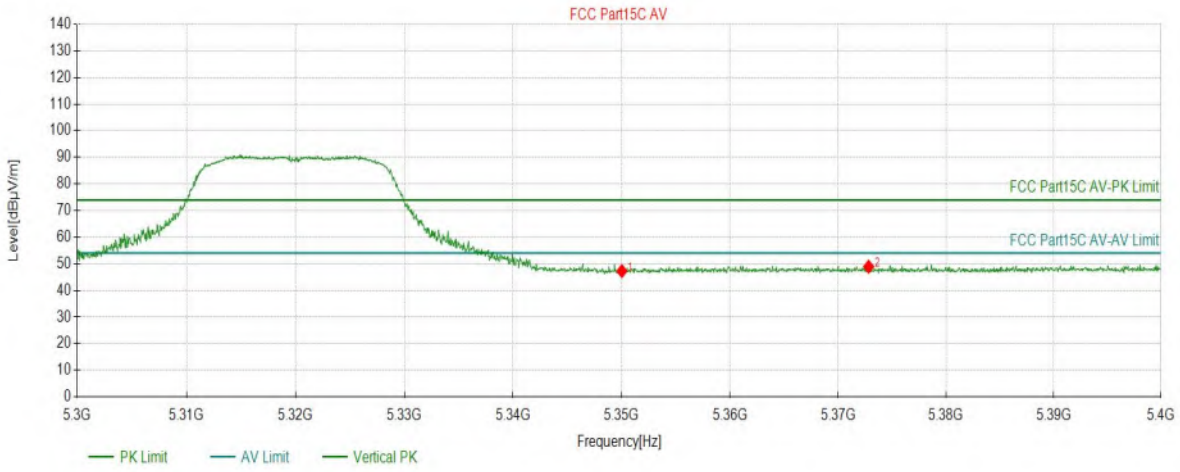
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5350.0250	48.83	16.70	74.00	25.17	150	1	PK	Horizont
2	5361.2806	50.35	16.75	74.00	23.65	150	340	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AC20-5320	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 15:44:11

Test Graph



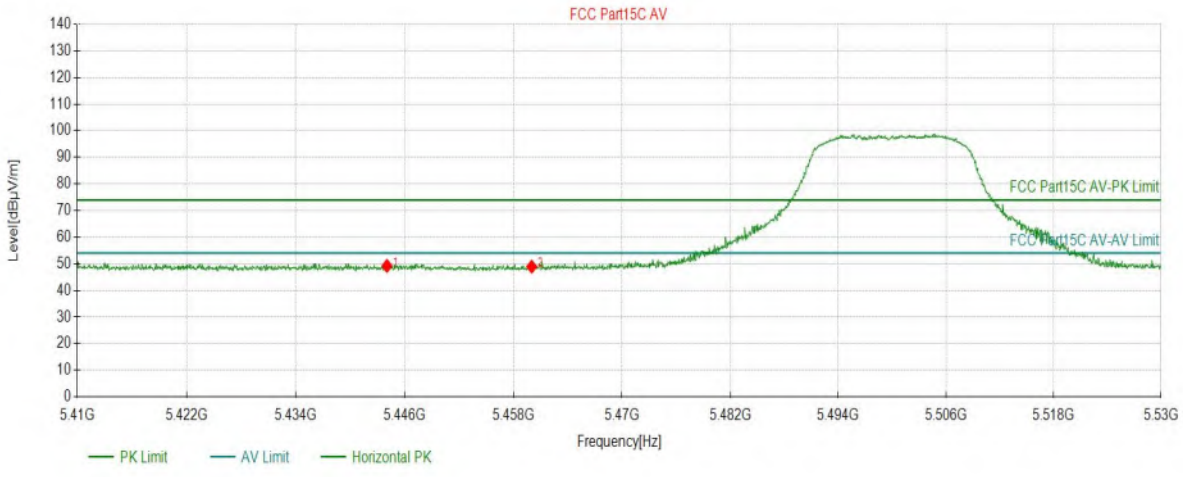
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5350.0250	47.26	16.55	74.00	26.74	150	98	PK	Vertical
2	5372.8364	48.91	16.64	74.00	25.09	150	357	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AC20_5500	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-11 16:40:36

Test Graph



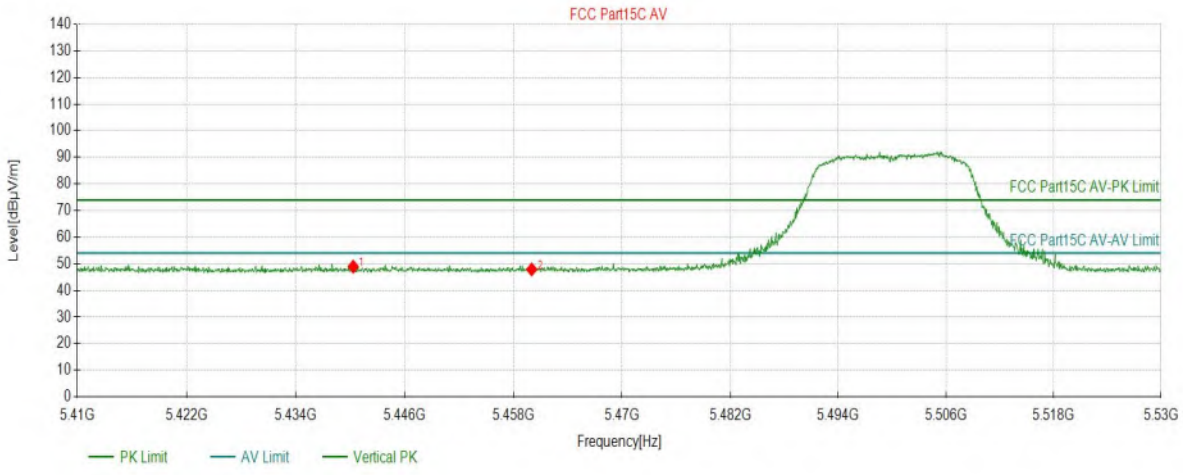
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5444.0370	49.22	16.94	74.00	24.78	150	21	PK	Horizont
2	5460.0050	48.92	16.93	74.00	25.08	150	13	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AC20_5500	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-11 16:41:24

Test Graph



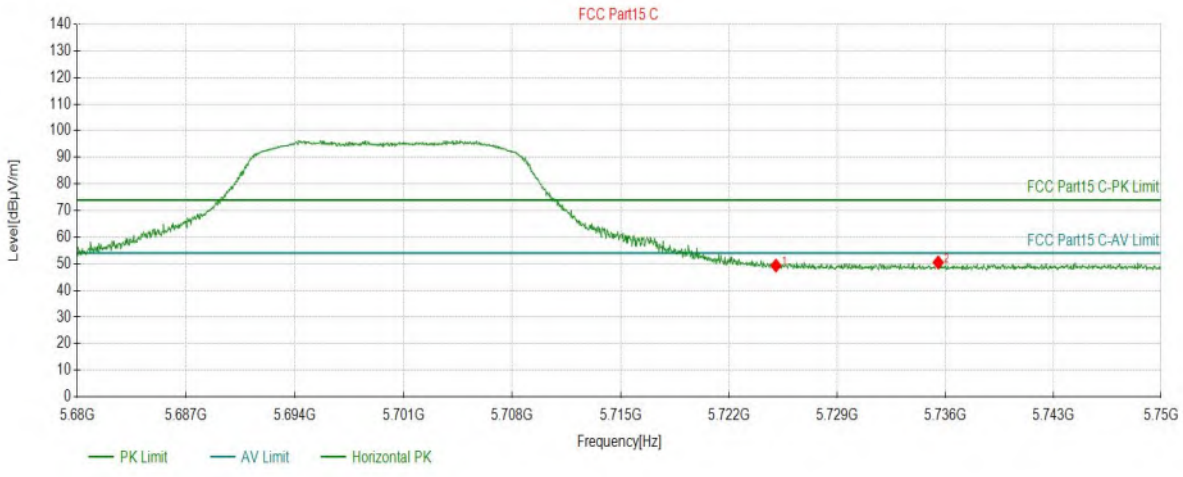
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5440.3152	48.93	16.76	74.00	25.07	150	32	PK	Vertical
2	5460.0050	47.87	16.76	74.00	26.13	150	314	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AC20_5700	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 9		

Start of Test: 2023-07-11 16:43:45

Test Graph



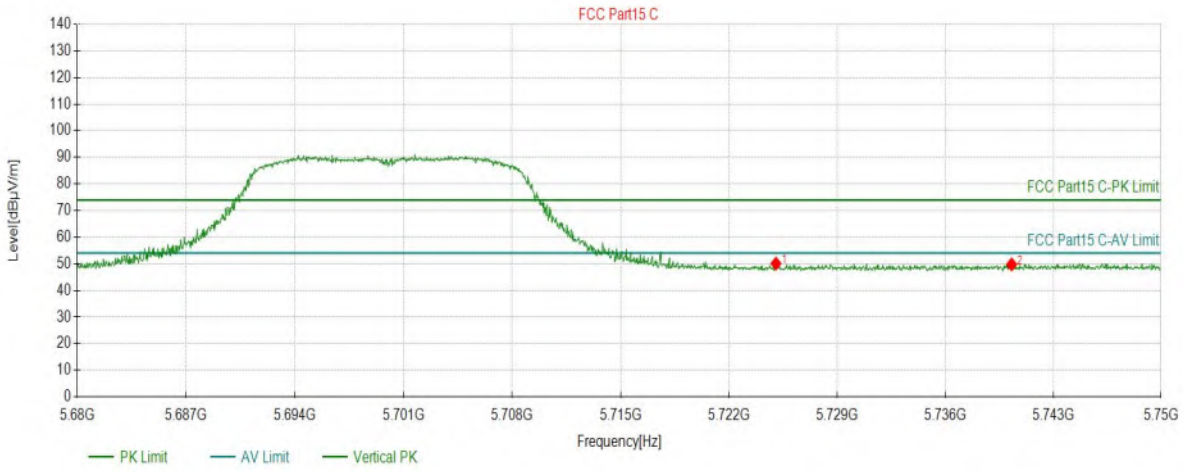
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5725.0325	49.34	17.93	74.00	24.66	150	4	PK	Horizont
2	5735.5378	50.51	17.98	74.00	23.49	150	351	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AC20_5700	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 9		

Start of Test: 2023-07-11 16:44:29

Test Graph



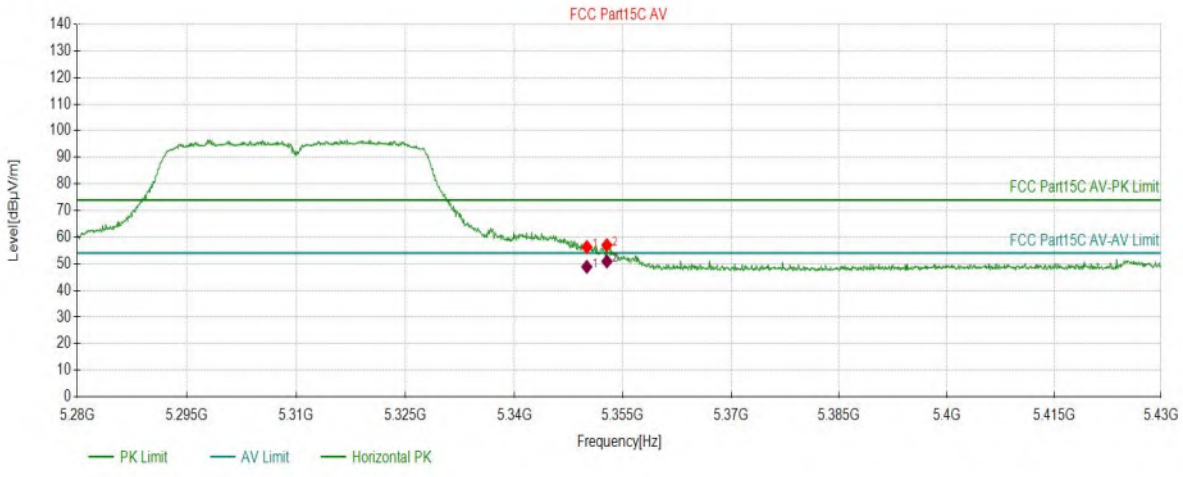
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5725.0325	50.08	17.96	74.00	23.92	150	126	PK	Vertical
2	5740.3002	49.77	18.04	74.00	24.23	150	185	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AC40-5310	Voltage:	AC 120V/60Hz
Customer:		Engineer:	Roger
Remark:	0		

Start of Test: 2023-07-09 10:50:24

Test Graph



Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5350.0100	56.33	16.70	74.00	17.67	150	335	PK	Horizont
2	5352.7864	57.02	16.71	74.00	16.98	150	335	PK	Horizont

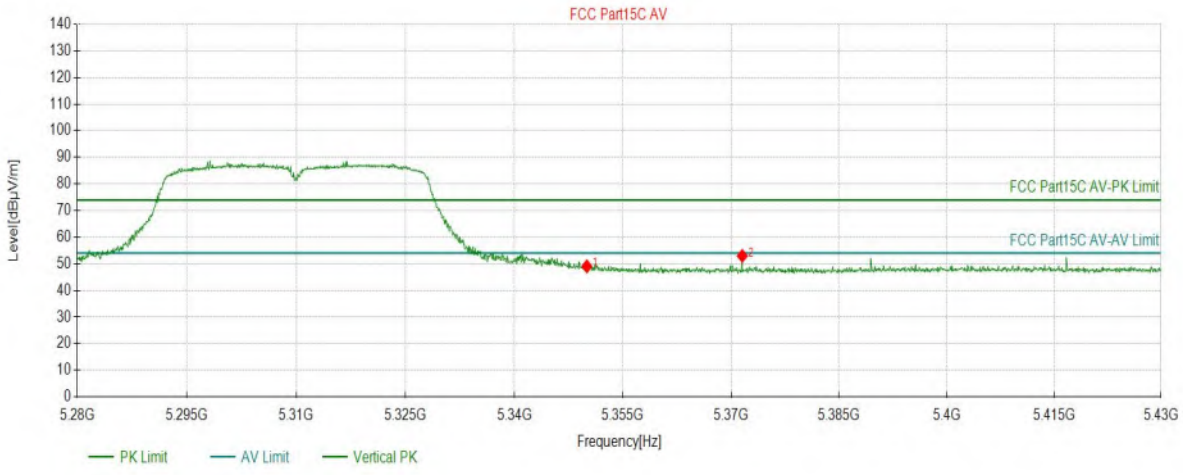
AV Final Data List								
NO.	Freq. [MHz]	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5350.0100	16.70	48.85	54.00	5.15	150	335	Horizontal
2	5352.7864	16.71	50.90	54.00	3.10	150	335	Horizontal

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AC40-5310	Voltage:	AC 120V/60Hz
Customer:		Engineer:	Roger
Remark:	0		

Start of Test: 2023-07-09 10:51:12

Test Graph



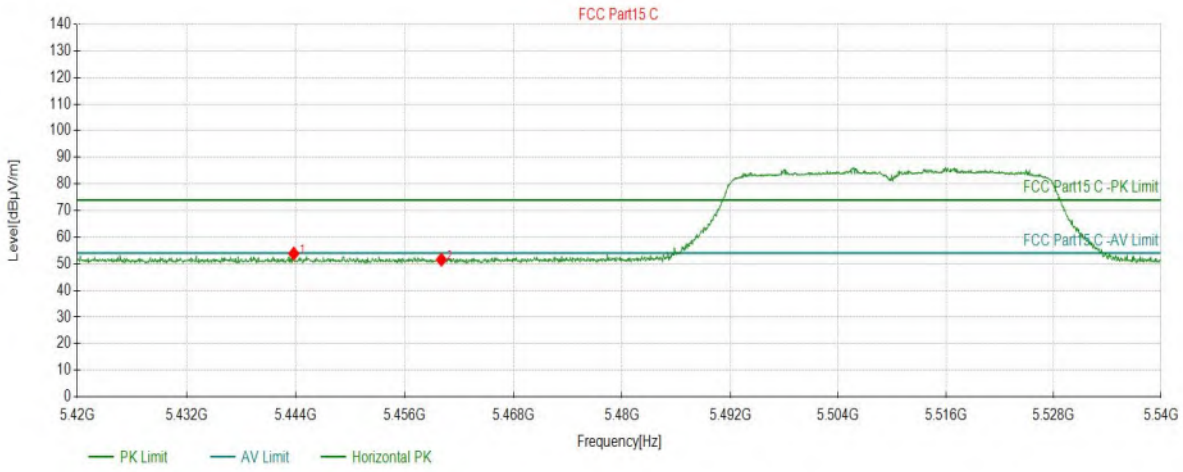
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5350.0100	49.04	16.55	74.00	24.96	150	96	PK	Vertical
2	5371.5458	52.97	16.63	74.00	21.03	150	345	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AC40-5510	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 16:07:47

Test Graph



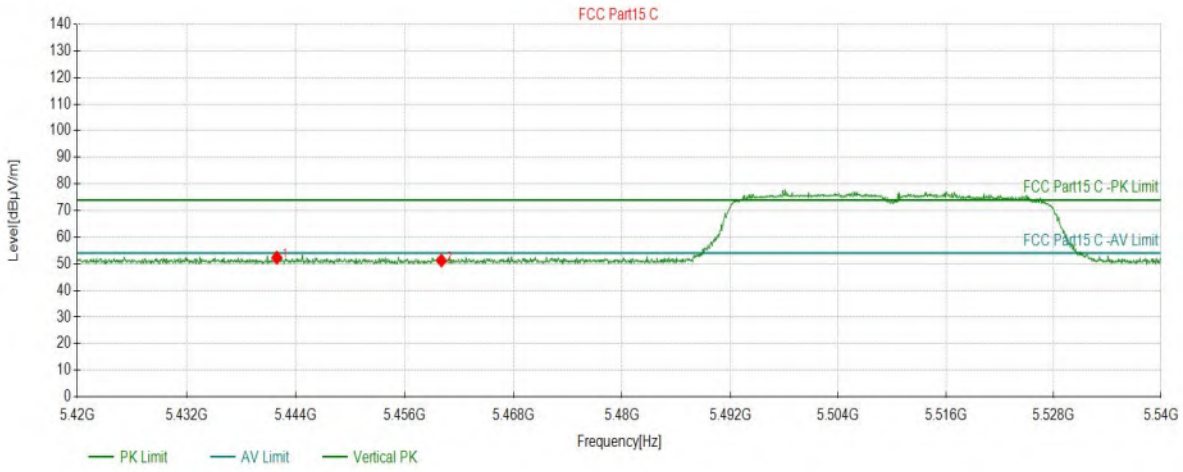
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5443.7719	53.82	16.94	74.00	20.18	150	1	PK	Horizont
2	5460.0400	51.52	16.93	74.00	22.48	150	177	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AC40-5510	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 16:08:35

Test Graph



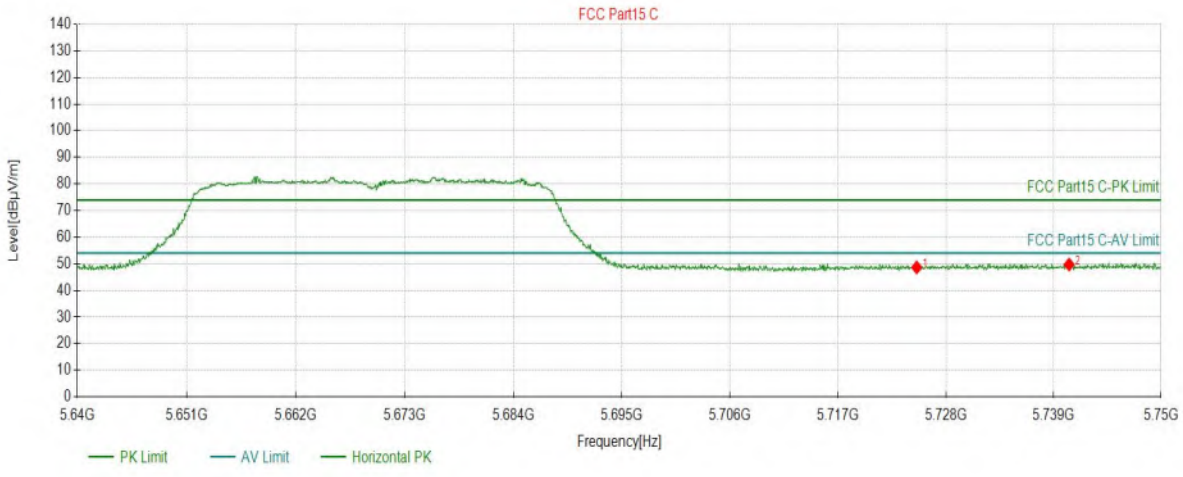
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5441.9110	52.31	16.76	74.00	21.69	150	279	PK	Vertical
2	5460.0400	51.20	16.76	74.00	22.80	150	30	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AC40-5670	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 16:11:00

Test Graph



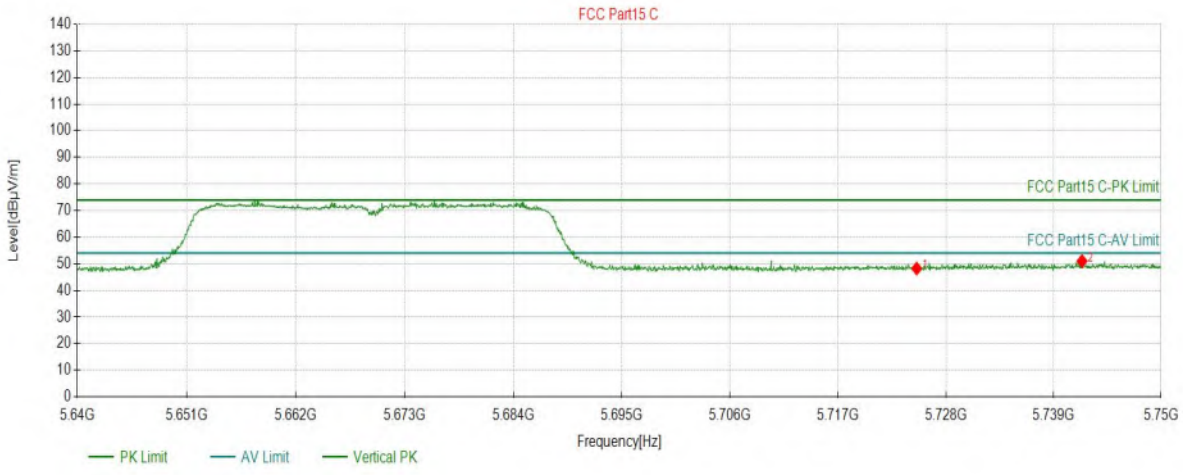
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5725.0175	48.64	17.93	74.00	25.36	150	140	PK	Horizont
2	5740.5903	49.72	18.00	74.00	24.28	150	204	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AC40-5670	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 16:11:44

Test Graph



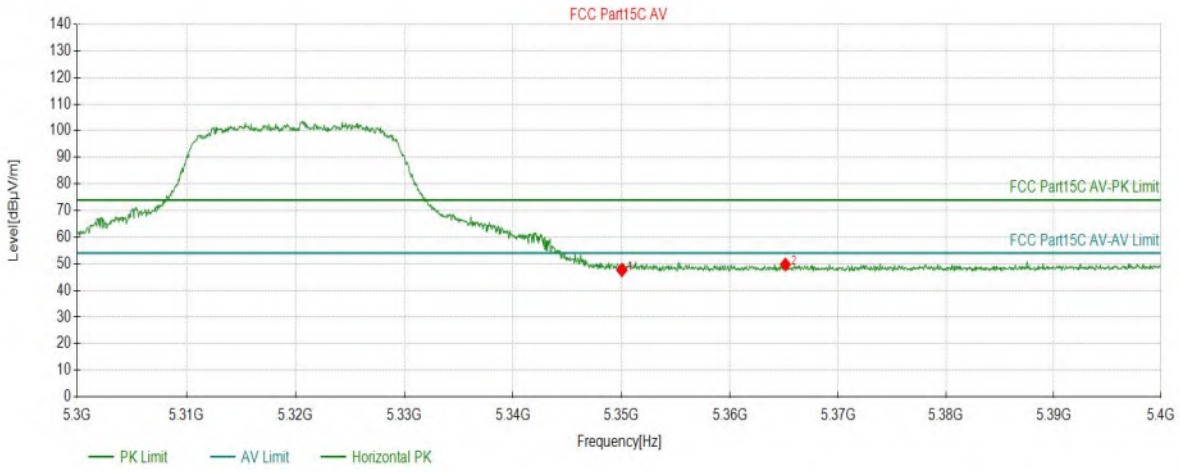
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5725.0175	48.21	17.96	74.00	25.79	150	345	PK	Vertical
2	5741.9110	51.04	18.05	74.00	22.96	150	351	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AX20-5320	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 16:17:38

Test Graph



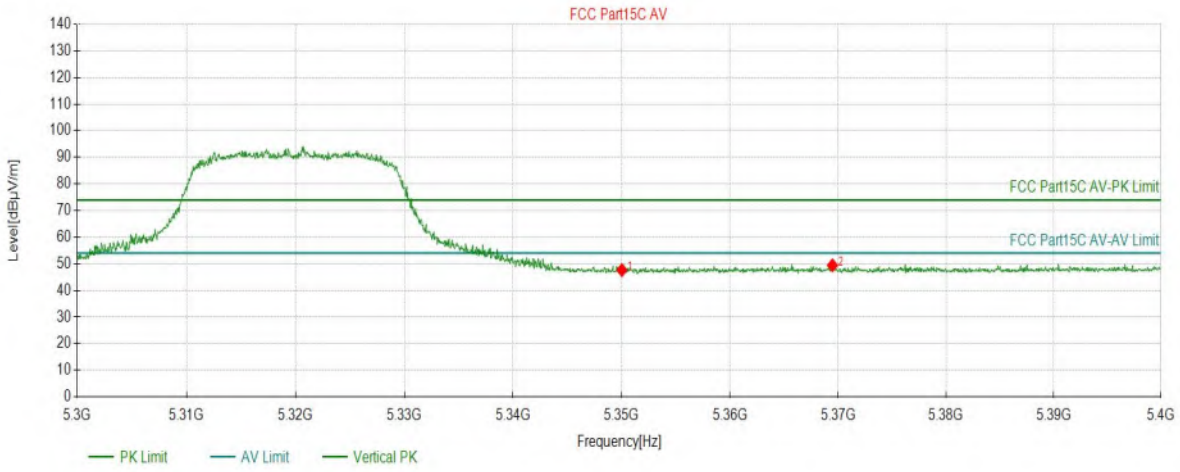
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5350.0250	47.68	16.70	74.00	26.32	150	38	PK	Horizont
2	5365.1326	49.74	16.77	74.00	24.26	150	0	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AX20-5320	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 16:18:25

Test Graph



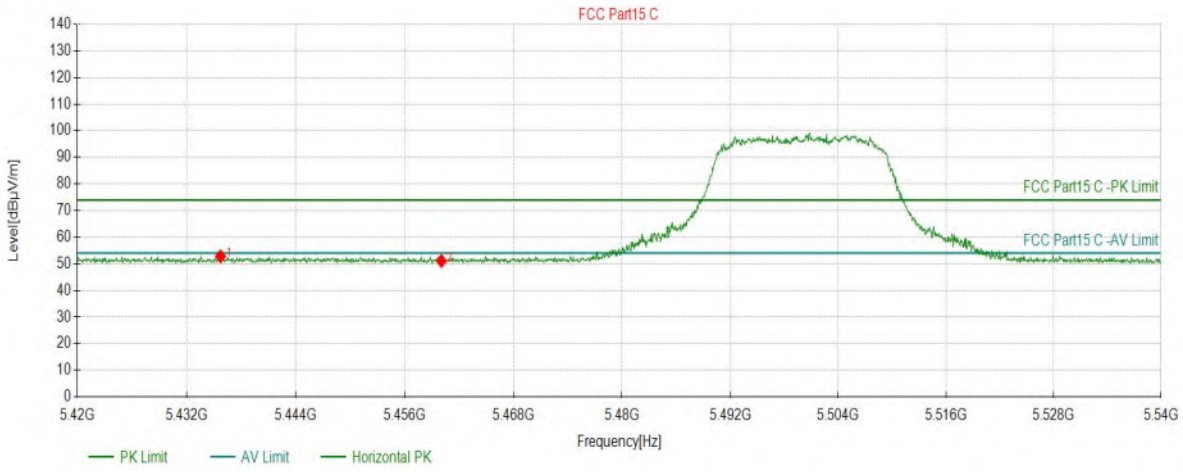
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5350.0250	47.64	16.55	74.00	26.36	150	56	PK	Vertical
2	5369.4847	49.44	16.62	74.00	24.56	150	10	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AX20-5500	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 16:21:21

Test Graph



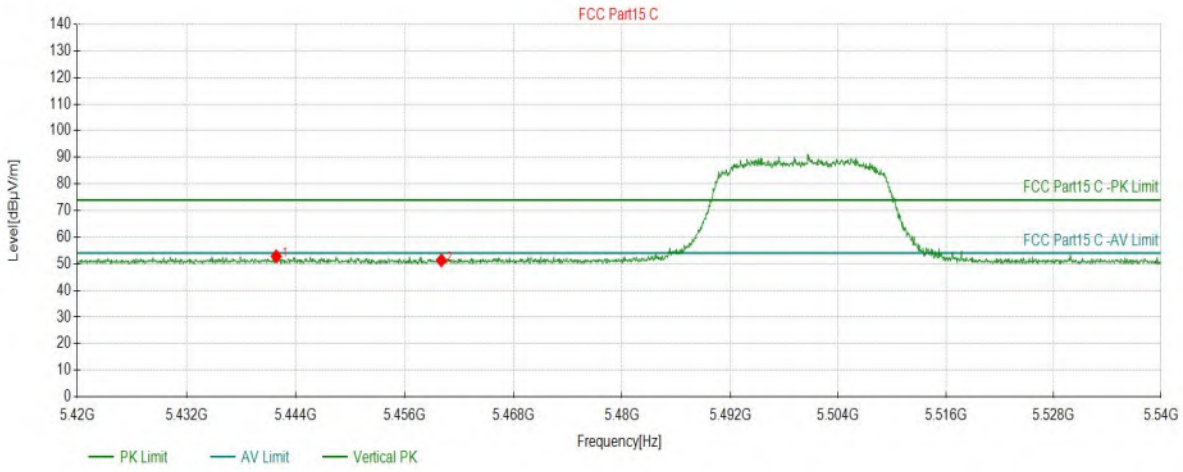
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5435.7279	52.80	16.94	74.00	21.20	150	324	PK	Horizont
2	5460.0400	51.06	16.93	74.00	22.94	150	189	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AX20-5500	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 16:22:09

Test Graph



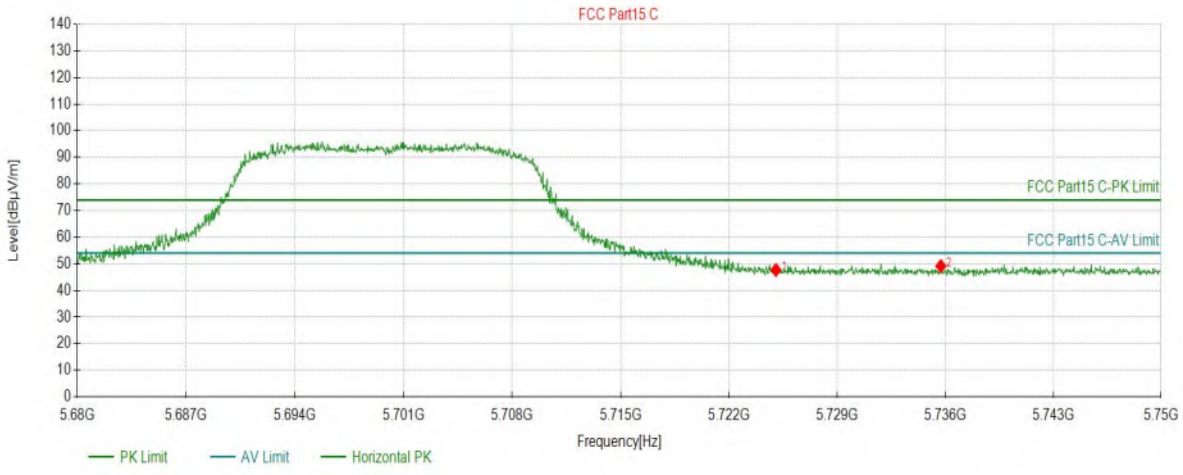
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5441.8509	52.80	16.76	74.00	21.20	150	104	PK	Vertical
2	5460.0400	51.28	16.76	74.00	22.72	150	359	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AX20_5700	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 9		

Start of Test: 2023-07-11 16:47:38

Test Graph



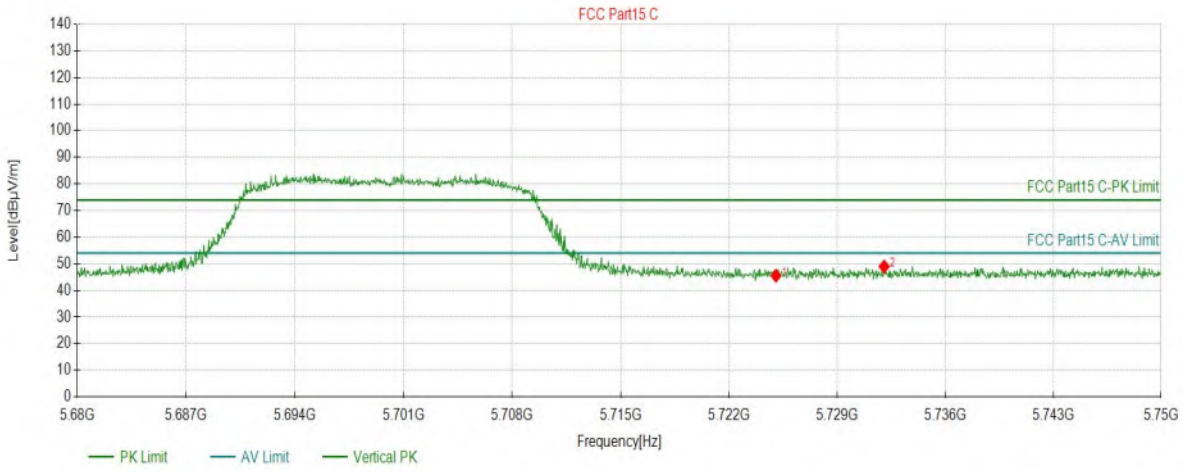
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5725.0325	47.67	17.93	74.00	26.33	150	359	PK	Horizont
2	5735.7129	49.14	17.98	74.00	24.86	150	359	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AX20_5700	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 9		

Start of Test: 2023-07-11 16:47:52

Test Graph



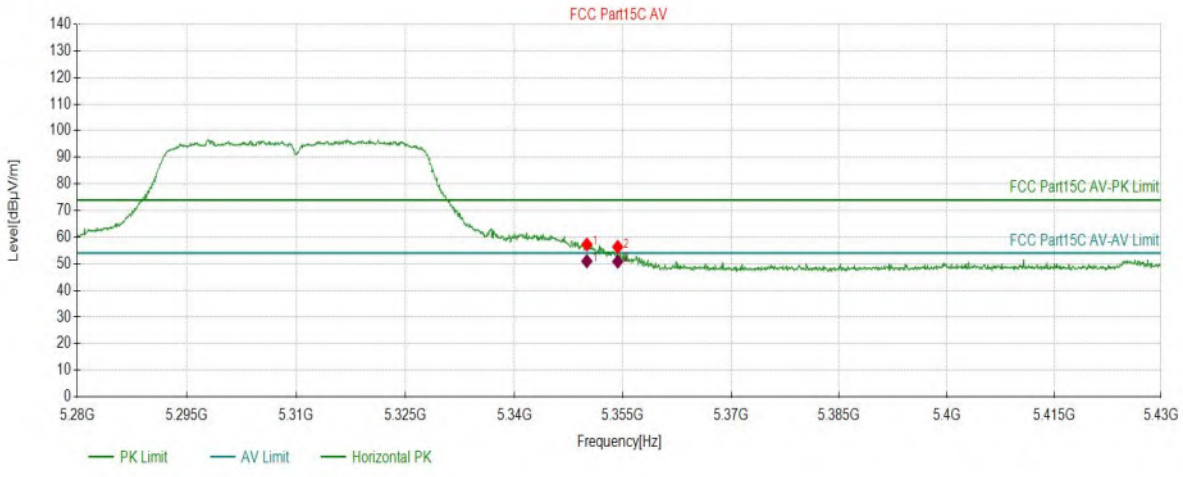
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5725.0325	45.52	17.96	74.00	28.48	150	359	PK	Vertical
2	5732.0360	48.96	18.00	74.00	25.04	150	359	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AX40-5310	Voltage:	AC 120V/60Hz
Customer:		Engineer:	Roger
Remark:	0		

Start of Test: 2023-07-09 11:22:01

Test Graph



Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5350.0100	57.24	16.70	74.00	16.76	150	344	PK	Horizont
2	5354.2871	56.32	16.72	74.00	17.68	150	359	PK	Horizont

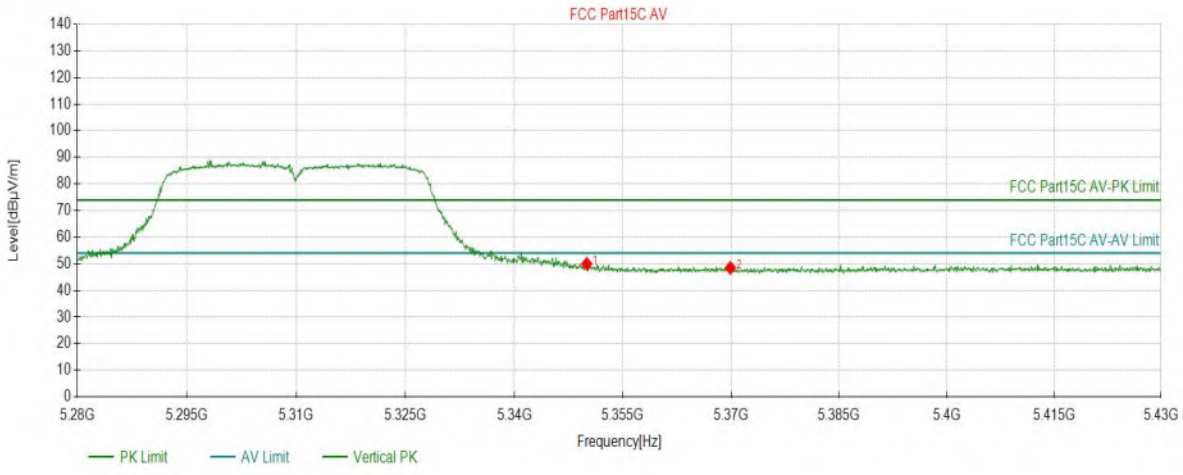
AV Final Data List								
NO.	Freq. [MHz]	Factor [dB]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5350.0100	16.70	50.96	54.00	3.04	150	344	Horizontal
2	5354.2871	16.72	50.82	54.00	3.18	150	359	Horizontal

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AX40-5310	Voltage:	AC 120V/60Hz
Customer:		Engineer:	Roger
Remark:	0		

Start of Test: 2023-07-09 11:22:41

Test Graph



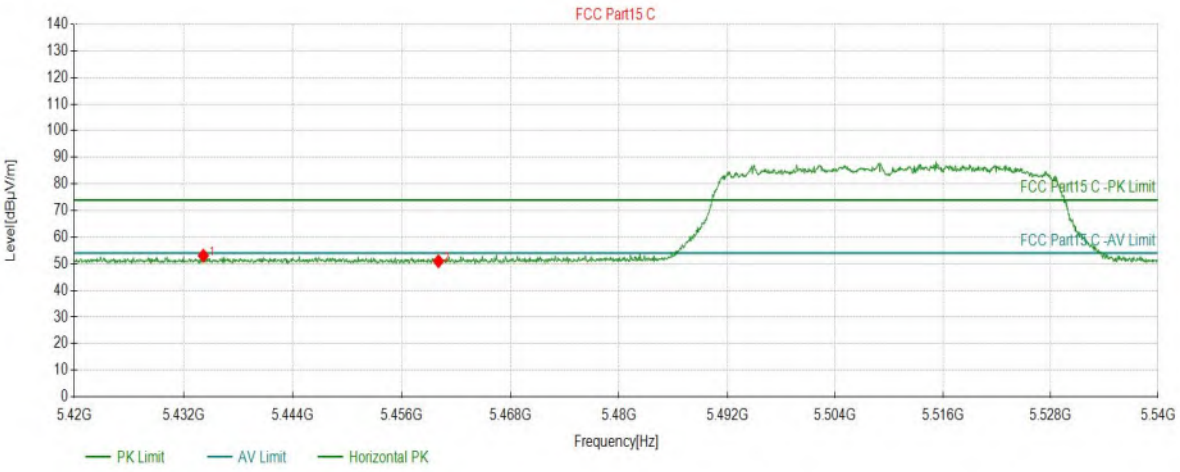
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5350.0100	49.97	16.55	74.00	24.03	150	92	PK	Vertical
2	5369.8949	48.46	16.63	74.00	25.54	150	179	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AX40-5510	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 16:38:46

Test Graph



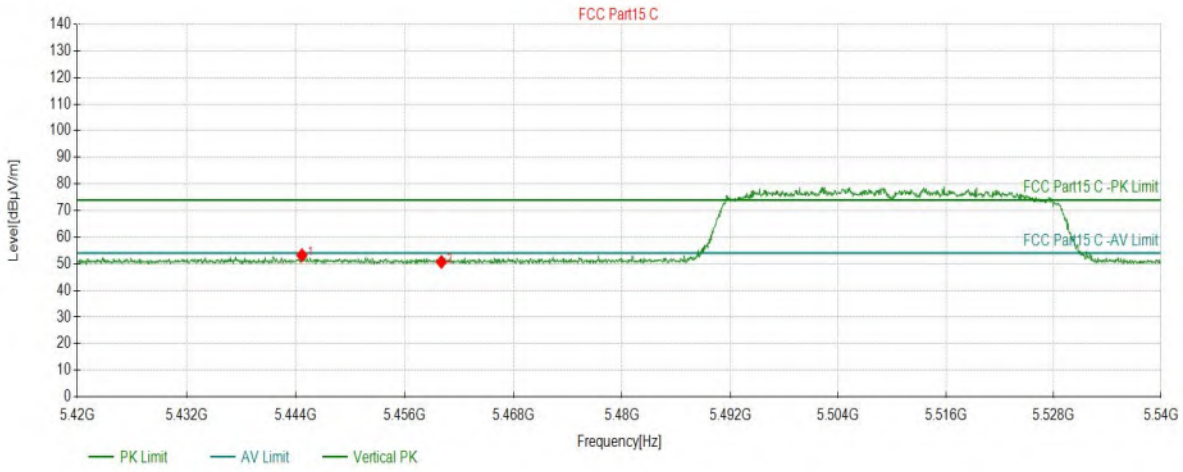
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5434.1671	53.05	16.94	74.00	20.95	150	323	PK	Horizont
2	5460.0400	50.97	16.93	74.00	23.03	150	120	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AX40-5510	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 16:39:34

Test Graph



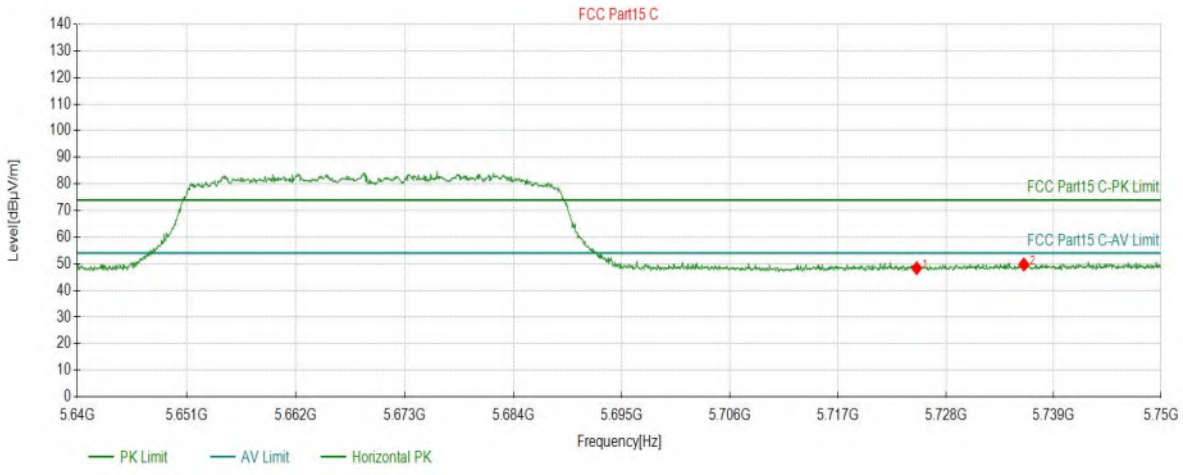
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5444.6723	53.20	16.76	74.00	20.80	150	355	PK	Vertical
2	5460.0400	50.69	16.76	74.00	23.31	150	350	PK	Vertical

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AX40-5670	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 16:42:10

Test Graph



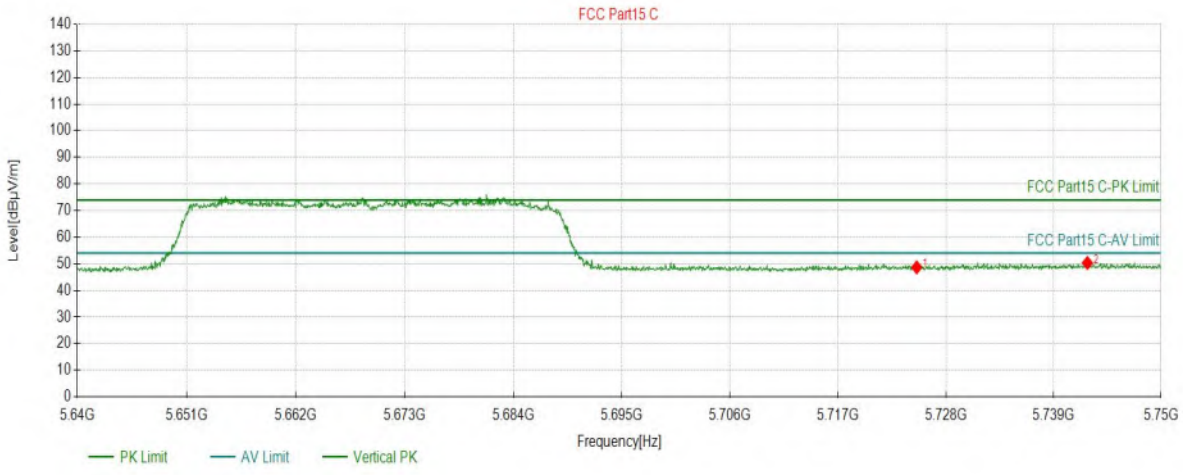
Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5725.0175	48.36	17.93	74.00	25.64	150	348	PK	Horizont
2	5735.9680	49.75	17.98	74.00	24.25	150	39	PK	Horizont

Test Report

Project Information			
EUT:	Clevershare Hub Clever Hub	Environment:	24.2℃ 54%
Model:	CleverHub	SN:	
Mode:	11AX40-5670	Voltage:	120V 60Hz
Customer:		Engineer:	Roger
Remark:	power set：2 0 8		

Start of Test: 2023-07-04 16:42:54

Test Graph



Suspected Data List									
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	5725.0175	48.66	17.96	74.00	25.34	150	53	PK	Vertical
2	5742.4612	50.31	18.06	74.00	23.69	150	135	PK	Vertical

END OF REPORT