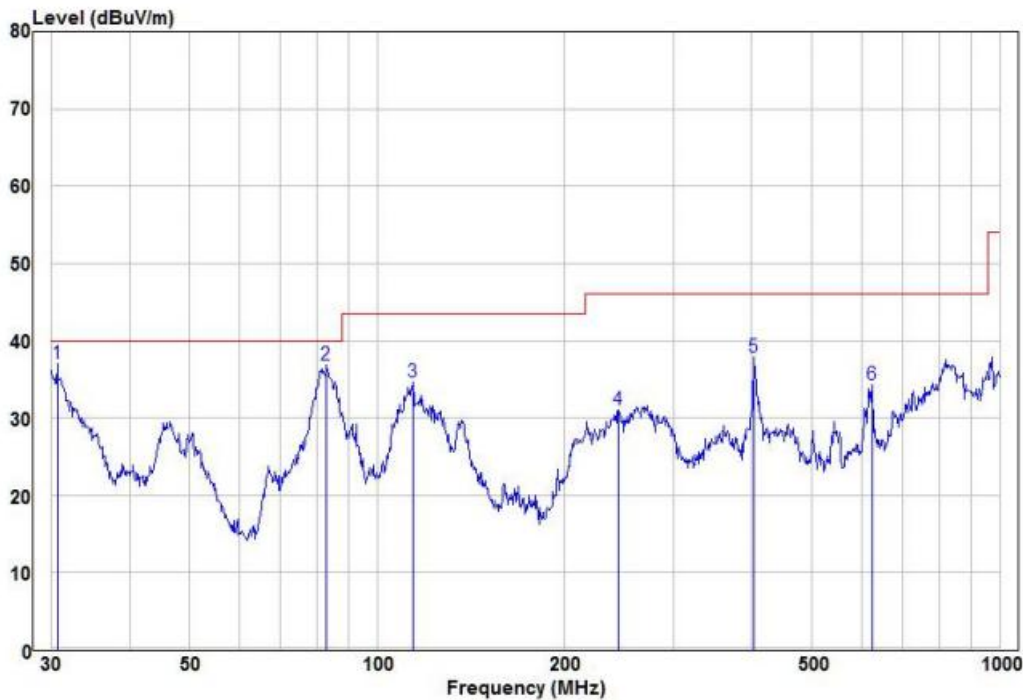


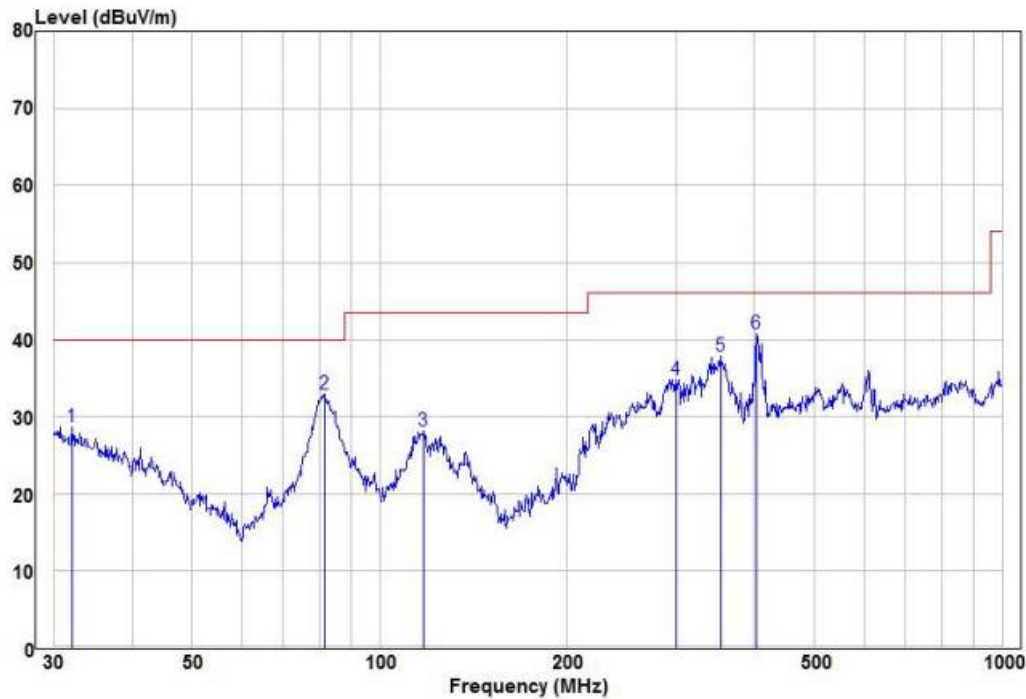
Ant2:

30MHz~1GHz		
Test mode:	Transmitting (802.11a 36CH)	Vertical



	Read Freq	Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1 pp	30.64	21.22	15.74	36.96	40.00	-3.04	Peak	VERTICAL
2	82.94	26.96	9.86	36.82	40.00	-3.18	Peak	VERTICAL
3	114.11	24.20	10.39	34.59	43.50	-8.91	Peak	VERTICAL
4	244.23	19.12	11.87	30.99	46.00	-15.01	Peak	VERTICAL
5	403.25	22.66	15.25	37.91	46.00	-8.09	Peak	VERTICAL
6	625.08	15.07	19.25	34.32	46.00	-11.68	Peak	VERTICAL

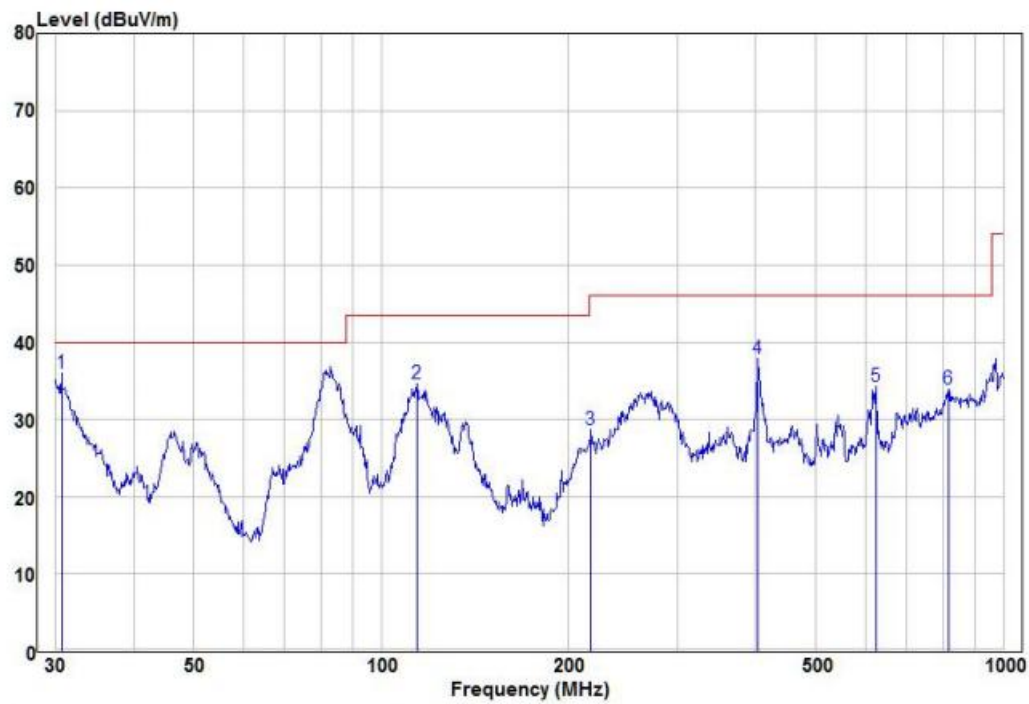
Test mode:	Transmitting (802.11a 36CH)	Horizontal
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	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1	32.07	13.21	15.38	28.59	40.00	-11.41	Peak	HORIZONTAL
2	81.50	23.05	9.82	32.87	40.00	-7.13	Peak	HORIZONTAL
3	117.36	17.63	10.56	28.19	43.50	-15.31	Peak	HORIZONTAL
4	299.32	21.15	13.71	34.86	46.00	-11.14	Peak	HORIZONTAL
5	352.94	22.83	15.02	37.85	46.00	-8.15	Peak	HORIZONTAL
6 pp	403.25	25.60	15.25	40.85	46.00	-5.15	Peak	HORIZONTAL

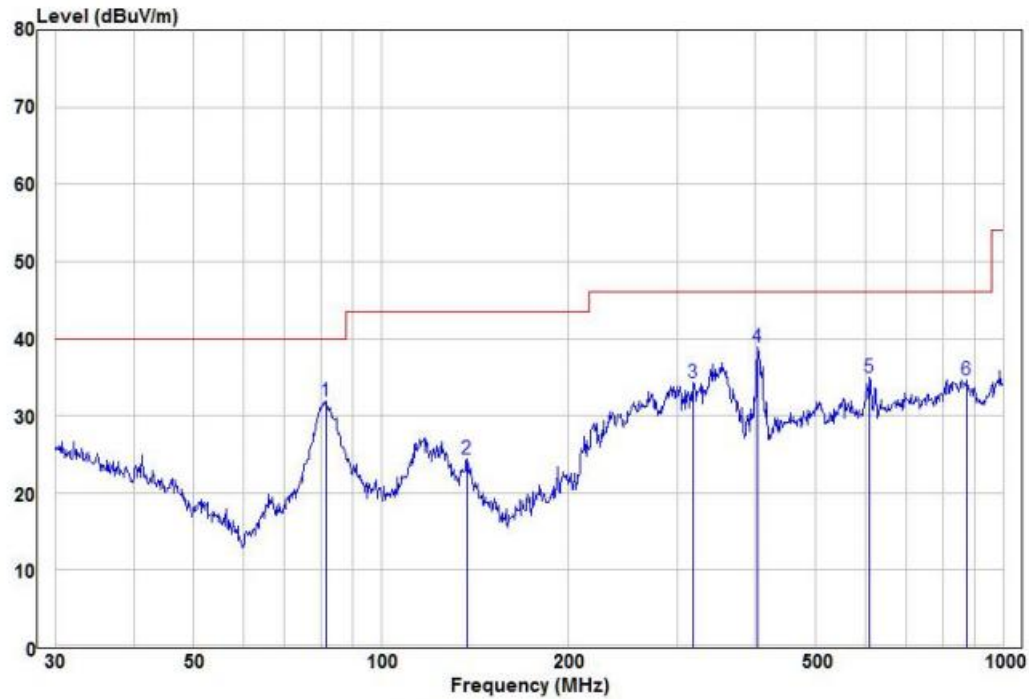
Ant1+Ant2:

30MHz~1GHz		
Test mode:	Transmitting (802.11n20 36CH)	Vertical



	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1 pp	30.64	20.22	15.74	35.96	40.00	-4.04	Peak	VERTICAL
2	114.11	24.20	10.39	34.59	43.50	-8.91	Peak	VERTICAL
3	217.54	19.55	9.04	28.59	46.00	-17.41	Peak	VERTICAL
4	403.25	22.66	15.25	37.91	46.00	-8.09	Peak	VERTICAL
5	625.08	15.07	19.25	34.32	46.00	-11.68	Peak	VERTICAL
6	815.97	10.72	23.23	33.95	46.00	-12.05	Peak	VERTICAL

Test mode:	Transmitting (802.11n20 36CH)	Horizontal
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	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1	81.50	22.05	9.82	31.87	40.00	-8.13	Peak	HORIZONTAL
2	137.42	15.78	8.63	24.41	43.50	-19.09	Peak	HORIZONTAL
3	317.70	20.08	14.16	34.24	46.00	-11.76	Peak	HORIZONTAL
4 pp	403.25	23.60	15.25	38.85	46.00	-7.15	Peak	HORIZONTAL
5	609.92	16.03	18.98	35.01	46.00	-10.99	Peak	HORIZONTAL
6	875.25	10.71	23.95	34.66	46.00	-11.34	Peak	HORIZONTAL

Transmitter Emission above 1GHz

Ant1:

Test mode: 802.11a(6Mbps)				Test channel:		36 CH	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
10360	52.36	-4.26	48.10	74	-25.90	peak	H
10360	37.69	-4.26	33.43	54	-20.57	AVG	H
15540	51.06	1.18	52.24	74	-21.76	peak	H
15540	38.73	1.18	39.91	54	-14.09	AVG	H
10360	55.99	-4.26	51.73	74	-22.27	peak	V
10360	38.59	-4.26	34.33	54	-19.67	AVG	V
15540	50.74	1.18	51.92	74	-22.08	peak	V
15540	36.50	1.18	37.68	54	-16.32	AVG	V

Test mode: 802.11a(6Mbps)				Test channel:		48 CH	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
10480	53.11	-4.12	48.99	74	-25.01	peak	H
10480	37.85	-4.12	33.73	54	-20.27	AVG	H
15720	48.28	1.46	49.74	74	-24.26	peak	H
15720	35.67	1.46	37.13	54	-16.87	AVG	H
10480	53.68	-4.12	49.56	74	-24.44	peak	V
10480	37.85	-4.12	33.73	54	-20.27	AVG	V
15720	49.34	1.46	50.80	74	-23.20	peak	V
15720	35.35	1.46	36.81	54	-17.19	AVG	V

Ant2:

Test mode:		802.11a(6Mbps)		Test channel:		36 CH	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
10360	53.34	-4.26	49.08	74	-24.92	peak	H
10360	36.74	-4.26	32.48	54	-21.52	AVG	H
15540	50.45	1.18	51.63	74	-22.37	peak	H
15540	38.07	1.18	39.25	54	-14.75	AVG	H
10360	55.78	-4.26	51.52	74	-22.48	peak	V
10360	38.06	-4.26	33.80	54	-20.20	AVG	V
15540	50.95	1.18	52.13	74	-21.87	peak	V
15540	36.83	1.18	38.01	54	-15.99	AVG	V

Test mode:		802.11a(6Mbps)		Test channel:		48 CH	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
10480	52.49	-4.12	48.37	74	-25.63	peak	H
10480	37.75	-4.12	33.63	54	-20.37	AVG	H
15720	49.93	1.46	51.39	74	-22.61	peak	H
15720	36.44	1.46	37.90	54	-16.10	AVG	H
10480	53.03	-4.12	48.91	74	-25.09	peak	V
10480	37.07	-4.12	32.95	54	-21.05	AVG	V
15720	49.36	1.46	50.82	74	-23.18	peak	V
15720	36.69	1.46	38.15	54	-15.85	AVG	V

Ant1+Ant2:

Test mode:		802.11n20(6Mbps)		Test channel:		36 CH	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
10360	53.34	-4.26	49.08	74	-24.92	peak	H
10360	36.74	-4.26	32.48	54	-21.52	AVG	H
15540	50.45	1.18	51.63	74	-22.37	peak	H
15540	38.07	1.18	39.25	54	-14.75	AVG	H
10360	55.78	-4.26	51.52	74	-22.48	peak	V
10360	38.06	-4.26	33.80	54	-20.20	AVG	V
15540	50.95	1.18	52.13	74	-21.87	peak	V
15540	36.83	1.18	38.01	54	-15.99	AVG	V

Test mode:		802.11n20(6Mbps)		Test channel:		48 CH	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V
10480	53.83	-4.26	49.57	74	-24.43	peak	H
10480	37.39	-4.26	33.13	54	-20.87	AVG	H
15720	52.00	1.18	53.18	74	-20.82	peak	H
15720	38.28	1.18	39.46	54	-14.54	AVG	H
10480	55.45	-4.26	51.19	74	-22.81	peak	V
10480	39.70	-4.26	35.44	54	-18.56	AVG	V
15720	50.64	1.18	51.82	74	-22.18	peak	V
15720	36.21	1.18	37.39	54	-16.61	AVG	V

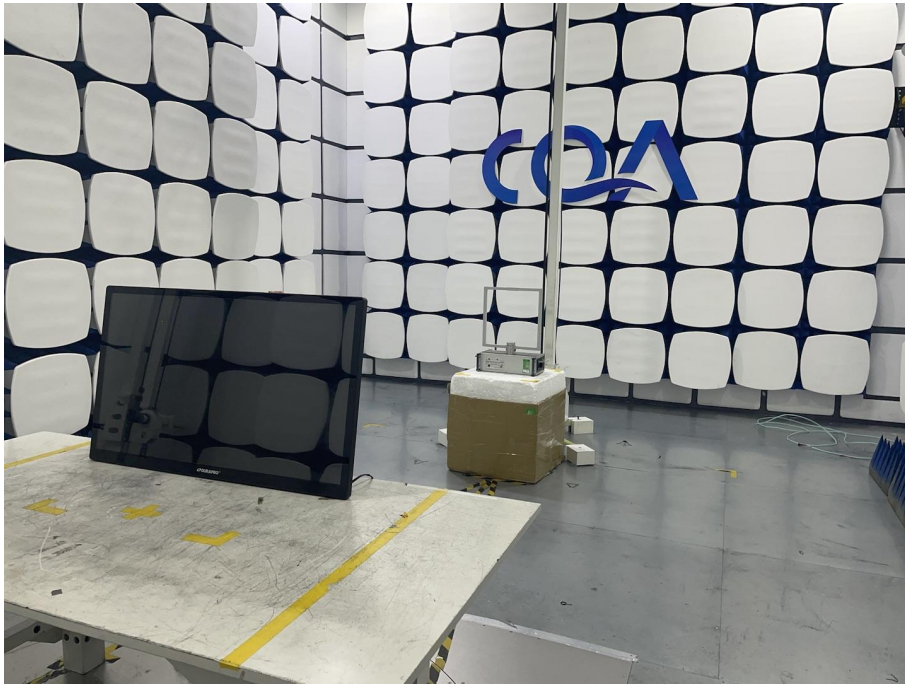
Remark:

- 1) The 802.11a and MIMO 802.11N20 6Mbps of rate is the worst case, only the worst data recorded in the report.
- 2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- 3) Scan from 9kHz to 40GHz,The disturbance above 18GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

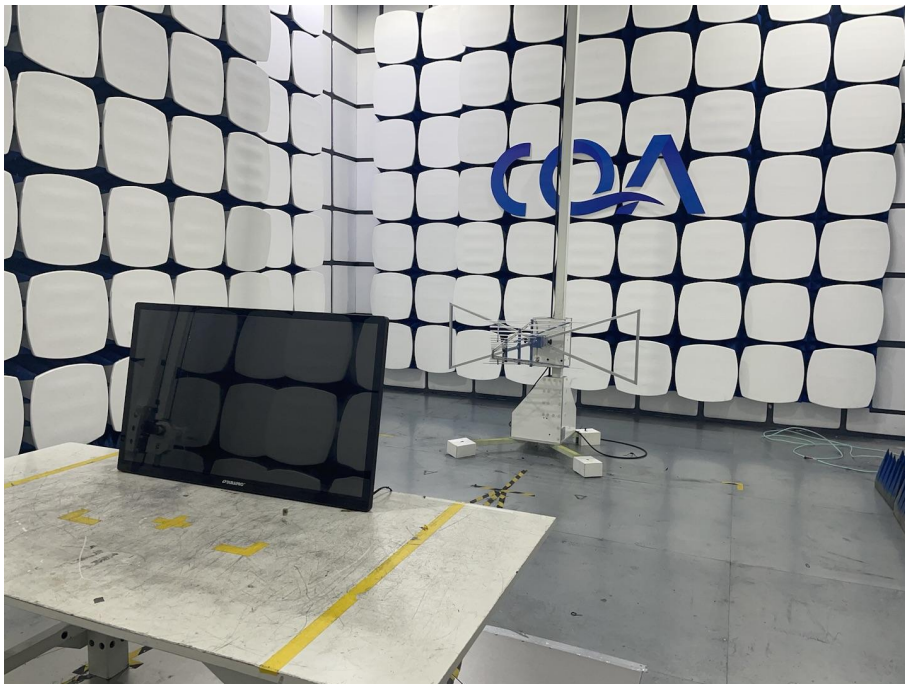
8 Photographs - EUT Test Setup

8.1 Radiated Spurious Emission

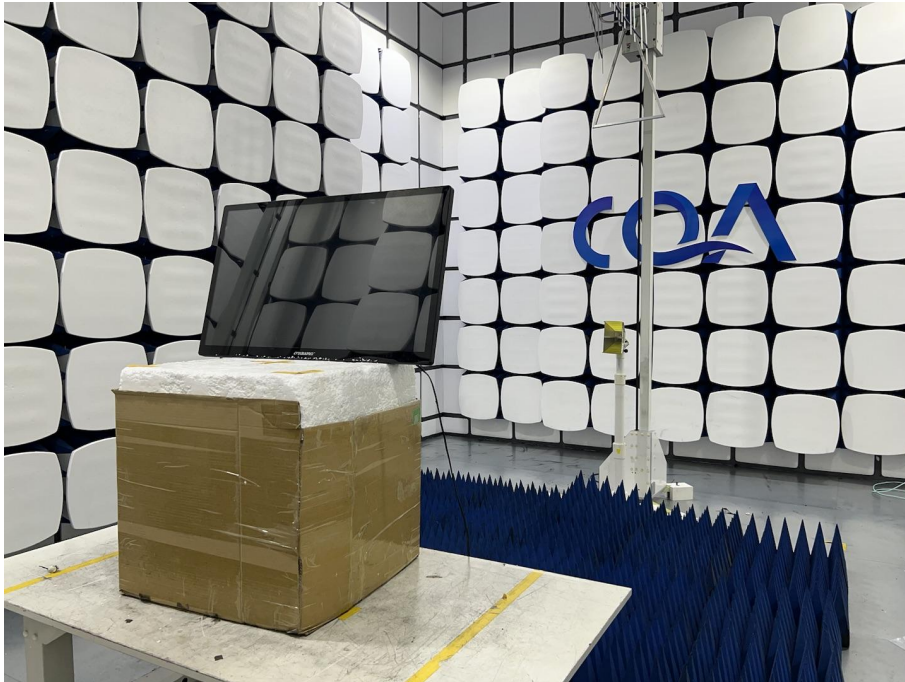
9kHz~30MHz:



30MHz~1GHz:



Above 1GHz:



8.2 Conducted Emission



9 Photographs - EUT Constructional Details

Refer to PHOTOGRAPHS OF EUT for CQASZ20220901586E-01.

*** END OF REPORT ***