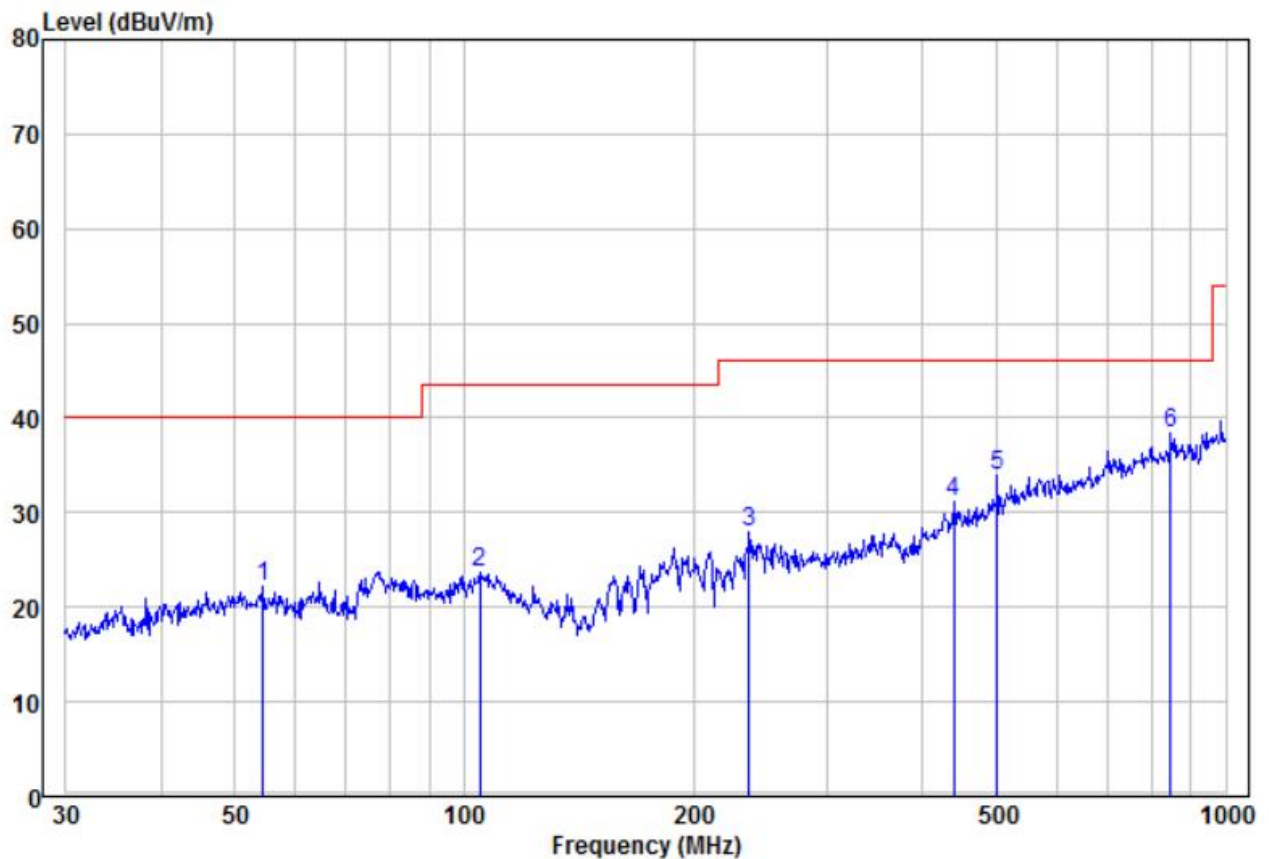


Test mode:	Transmitting	Horizontal
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	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase	APos	TPos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm	deg
1	54.45	8.42	13.82	22.24	40.00	-17.76	Peak	HORIZONTAL	100	196
2	104.90	10.90	12.86	23.76	43.50	-19.74	Peak	HORIZONTAL	100	124
3	236.64	12.42	15.54	27.96	46.00	-18.04	Peak	HORIZONTAL	100	205
4	440.20	11.01	20.05	31.06	46.00	-14.94	Peak	HORIZONTAL	100	136
5	501.18	12.13	21.84	33.97	46.00	-12.03	Peak	HORIZONTAL	100	244
6 pp	848.06	9.42	29.03	38.45	46.00	-7.55	Peak	HORIZONTAL	100	138

Remark:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Factor= Antenna Factor + Cable Factor – Preamplifier Factor,

Level = Read Level + Factor,

Over Limit=Level-Limit Line.

5.11.2 Transmitter Emission above 1GHz

Worse case mode:		GFSK(DH5)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
2390	55.43	-9.2	46.23	54	-7.77	Peak	H	1.5	301
2400	54.85	-9.39	45.46	54	-8.54	Peak	H	1.5	97
4804	53.13	-4.33	48.80	54	-5.20	Peak	H	1.5	187
7206	50.18	1.01	51.19	54	-2.81	Peak	H	1.5	171
2390	54.77	-9.2	45.57	54	-8.43	Peak	V	1.5	16
2400	55.39	-9.39	46.00	54	-8.00	Peak	V	1.5	55
4804	54.64	-4.33	50.31	54	-3.69	Peak	V	1.5	302
7206	50.99	1.01	52.00	54	-2.00	Peak	V	1.5	195

Worse case mode:		GFSK(DH5)		Test channel:		Middle			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4882	52.10	-4.11	47.99	54	-6.01	peak	H	1.5	335
7323	48.80	1.51	50.31	54	-3.69	peak	H	1.5	286
4882	53.98	-4.11	49.87	54	-4.13	peak	V	1.5	242
7323	51.09	1.51	52.60	54	-1.40	peak	V	1.5	190

Worse case mode:		GFSK(DH5)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
2483.5	54.48	-9.29	45.19	54	-8.81	Peak	H	1.5	25
4960	50.32	-4.04	46.28	54	-7.72	Peak	H	1.5	1
7440	51.13	1.57	52.70	54	-1.30	Peak	H	1.5	92
2483.5	53.80	-9.29	44.51	54	-9.49	Peak	V	1.5	60
4960	51.02	-4.04	46.98	54	-7.02	Peak	V	1.5	184
7440	51.11	1.57	52.68	54	-1.32	Peak	V	1.5	175

Worse case mode:		$\pi/4$ DQPSK (2DH5)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)		H/V	(m)	(Degree)
2390	55.43	-9.2	46.23	74	-27.77	Peak	H	1.5	280
2400	56.70	-9.39	47.31	74	-26.69	Peak	H	1.5	97
4804	54.16	-4.33	49.83	74	-24.17	Peak	H	1.5	19
7206	50.72	1.01	51.73	74	-22.27	Peak	H	1.5	300
2390	55.41	-9.2	46.21	74	-27.79	Peak	V	1.5	287
2400	56.99	-9.39	47.60	74	-26.40	Peak	V	1.5	242
4804	52.40	-4.33	48.07	74	-25.93	Peak	V	1.5	70
7206	50.28	1.01	51.29	74	-22.71	Peak	V	1.5	46

Worse case mode:		$\pi/4$ DQPSK (2DH5)		Test channel:		Middle			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)		H/V	(m)	(Degree)
4882	50.83	-4.11	46.72	74	-27.28	peak	H	1.5	188
7323	48.84	1.51	50.35	74	-23.65	peak	H	1.5	235
4882	53.45	-4.11	49.34	74	-24.66	peak	V	1.5	152
7323	50.58	1.51	52.09	74	-21.91	peak	V	1.5	124

Worse case mode:		$\pi/4$ DQPSK (2DH5)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dB μ V)	(dB)	(dB μ V/m)	(dB μ V/m)	(dB)		H/V	(m)	(Degree)
2483.5	55.41	-9.29	46.12	74	-27.88	Peak	H	1.5	221
4960	50.87	-4.04	46.83	74	-27.17	Peak	H	1.5	31
7440	49.27	1.57	50.84	74	-23.16	Peak	H	1.5	335
2483.5	54.49	-9.29	45.20	74	-28.80	Peak	V	1.5	199
4960	48.32	-4.04	44.28	74	-29.72	Peak	V	1.5	283
7440	50.63	1.57	52.20	74	-21.80	Peak	V	1.5	143

Worse case mode:		8DPSK (3DH5)		Test channel:		Lowest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
2390	54.06	-9.2	44.86	74	-29.14	Peak	H	1.5	169
2400	54.30	-9.39	44.91	74	-29.09	Peak	H	1.5	304
4804	53.44	-4.33	49.11	74	-24.89	Peak	H	1.5	326
7206	49.83	1.01	50.84	74	-23.16	Peak	H	1.5	249
2390	54.94	-9.2	45.74	74	-28.26	Peak	V	1.5	198
2400	55.84	-9.39	46.45	74	-27.55	Peak	V	1.5	31
4804	53.06	-4.33	48.73	74	-25.27	Peak	V	1.5	106
7206	48.56	1.01	49.57	74	-24.43	Peak	V	1.5	347

Worse case mode:		8DPSK (3DH5)		Test channel:		Middle			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
4882	51.69	-4.11	47.58	74	-26.42	peak	H	1.5	250
7323	50.69	1.51	52.20	74	-21.80	peak	H	1.5	116
4882	53.05	-4.11	48.94	74	-25.06	peak	V	1.5	27
7323	48.81	1.51	50.32	74	-23.68	peak	V	1.5	38

Worse case mode:		8DPSK (3DH5)		Test channel:		Highest			
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detect or Type	Ant. Pol.	Antenna Height	Table Angle
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		H/V	(m)	(Degree)
2483.5	55.32	-9.29	46.03	74	-27.97	Peak	H	1.5	337
4960	51.05	-4.04	47.01	74	-26.99	Peak	H	1.5	146
7440	48.41	1.57	49.98	74	-24.02	Peak	H	1.5	123
2483.5	55.45	-9.29	46.16	74	-27.84	Peak	V	1.5	108
4960	48.26	-4.04	44.22	74	-29.78	Peak	V	1.5	336
7440	50.87	1.57	52.44	74	-21.56	Peak	V	1.5	254

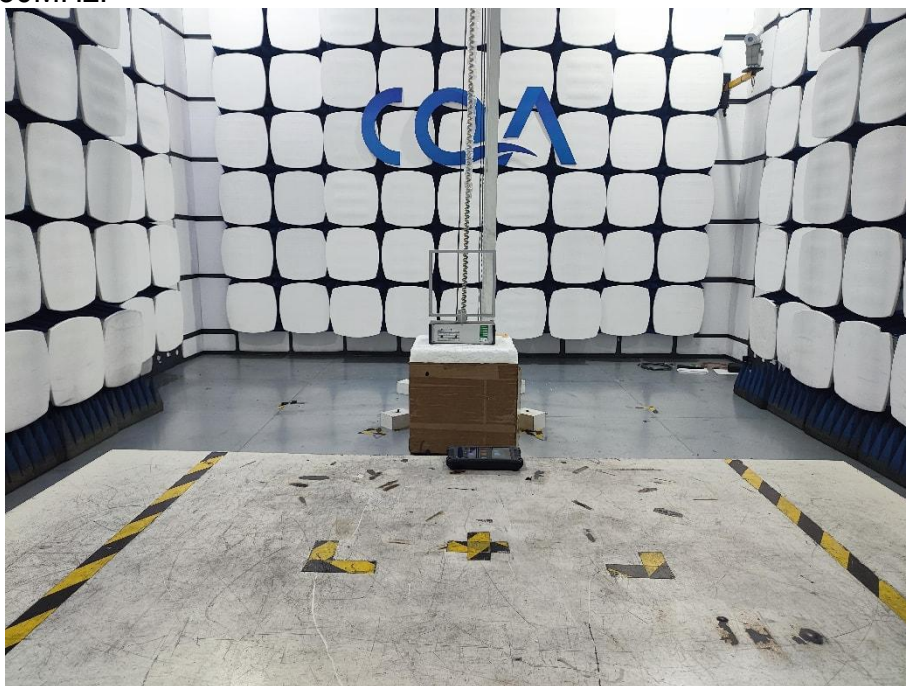
Remark:

- 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
- Scan from 9kHz to 25GHz, the disturbance above 10GHz and below 30MHz was very low. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

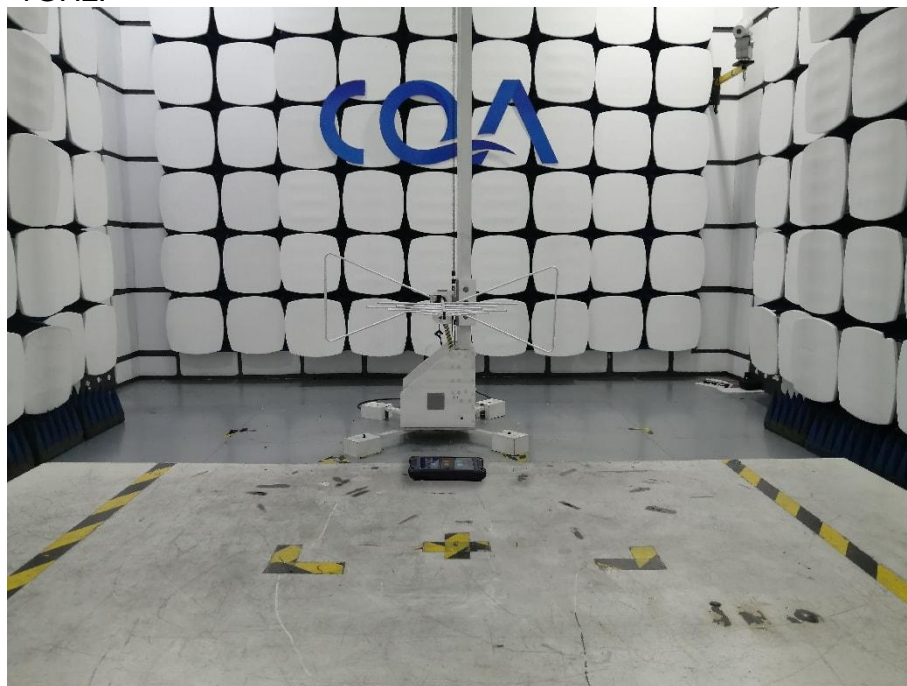
6 Photographs - EUT Test Setup

6.1 Radiated Emission

9KHz~30MHz:



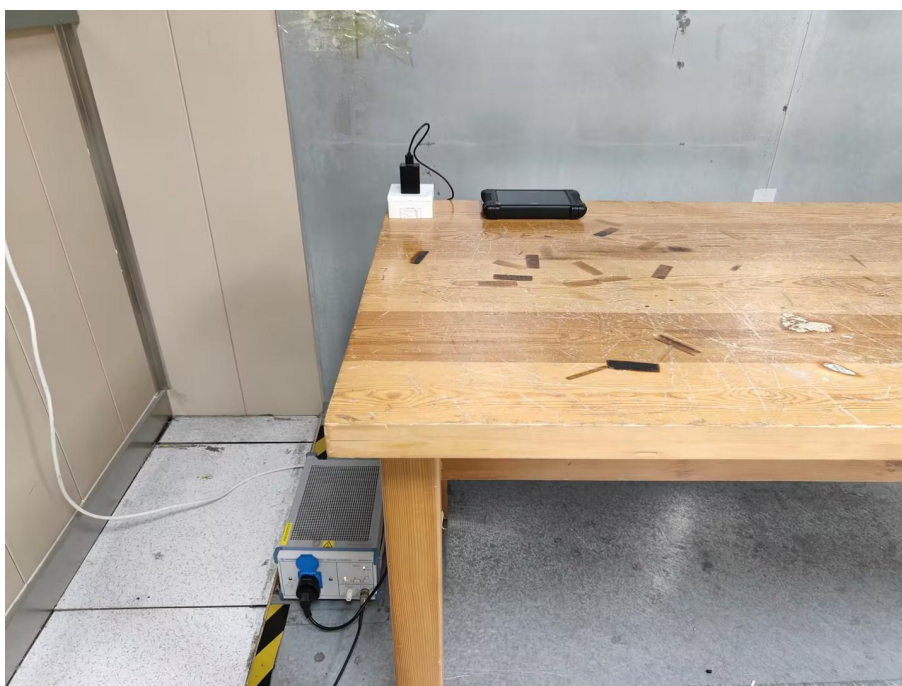
30MHz~1GHz:



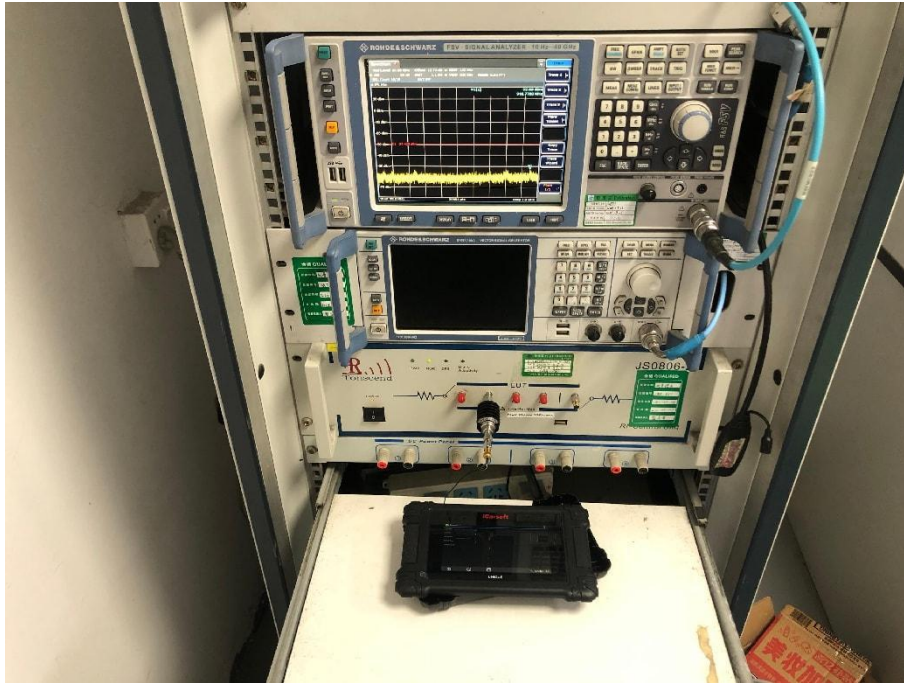
Above 1GHz:



6.2 Conducted Emission



6.3 RF Conducted measurement



7 Photographs - EUT Constructional Details

Refer to Photographs - EUT Constructional Details OF EUT for CQASZ20250200364E-01.

*** END OF REPORT ***