

LTE Band 5 10MHz CH-High

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1688.0	-47.7	2.00	10.75	vertical	-41.1	-13.0	28.1	0
3	2532.0	-52.79	2.51	11.05	vertical	-46.4	-13.0	33.4	135
4	3376.0	-52.4	4.20	11.15	vertical	-47.6	-13.0	34.6	225
5	4220.0	-52.1	5.20	11.15	vertical	-48.3	-13.0	35.3	90
6	5064.0	-49.9	5.50	11.95	vertical	-45.6	-13.0	32.6	45
7	5908.0	-51.5	5.70	13.55	vertical	-45.8	-13.0	32.8	180
8	6752.0	-49.2	6.30	13.75	vertical	-43.9	-13.0	30.9	45
9	7596.0	-46.9	6.80	13.85	vertical	-42.0	-13.0	29.0	0
10	8440.0	-48.2	6.90	14.25	vertical	-43.0	-13.0	30.0	135

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2.The worst emission was found in the antenna is vertical position.

LTE Band 26 1.4MHz CH-Low

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1629.40	-51.5	2.00	10.75	vertical	-44.9	-13.0	31.9	90
3	2444.10	-50.89	2.51	11.05	vertical	-44.5	-13.0	31.5	45
4	3258.80	-56	4.20	11.15	vertical	-51.2	-13.0	38.2	180
5	4073.50	-52.5	5.20	11.15	vertical	-48.7	-13.0	35.7	225
6	4888.20	-51.1	5.50	11.95	vertical	-46.8	-13.0	33.8	135
7	5702.90	-51.9	5.70	13.55	vertical	-46.2	-13.0	33.2	90
8	6517.60	-50	6.30	13.75	vertical	-44.7	-13.0	31.7	45
9	7332.30	-45.8	6.80	13.85	vertical	-40.9	-13.0	27.9	180
10	8147.00	-46.5	6.90	14.25	vertical	-41.3	-13.0	28.3	225

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2.The worst emission was found in the antenna is vertical position.



LTE Band 26 1.4MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1663.00	-49.6	2.00	10.75	vertical	-43.0	-13.0	30.0	135
3	2494.50	-54.19	2.51	11.05	vertical	-47.8	-13.0	34.8	90
4	3326.00	-55.4	4.20	11.15	vertical	-50.6	-13.0	37.6	45
5	4157.50	-52.8	5.20	11.15	vertical	-49.0	-13.0	36.0	180
6	4989.00	-49.6	5.50	11.95	vertical	-45.3	-13.0	32.3	225
7	5820.50	-51.8	5.70	13.55	vertical	-46.1	-13.0	33.1	135
8	6652.00	-48.9	6.30	13.75	vertical	-43.6	-13.0	30.6	90
9	7483.50	-46.4	6.80	13.85	vertical	-41.5	-13.0	28.5	45
10	8315.00	-46.6	6.90	14.25	vertical	-41.4	-13.0	28.4	180

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2.The worst emission was found in the antenna is vertical position.

LTE Band 26 1.4MHz CH-High

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1696.60	-47.4	2.00	10.75	vertical	-40.8	-13.0	27.8	225
3	2544.90	-53.69	2.51	11.05	vertical	-47.3	-13.0	34.3	135
4	3393.20	-56.3	4.20	11.15	vertical	-51.5	-13.0	38.5	90
5	4241.50	-52.1	5.20	11.15	vertical	-48.3	-13.0	35.3	45
6	5089.80	-50.5	5.50	11.95	vertical	-46.2	-13.0	33.2	180
7	5938.10	-51.3	5.70	13.55	vertical	-45.6	-13.0	32.6	225
8	6786.40	-49.4	6.30	13.75	vertical	-44.1	-13.0	31.1	135
9	7634.70	-46.7	6.80	13.85	vertical	-41.8	-13.0	28.8	90
10	8483.00	-47.4	6.90	14.25	vertical	-42.2	-13.0	29.2	45

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2.The worst emission was found in the antenna is vertical position.



LTE Band 26 3MHz CH-Low

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1631.00	-50.4	2.00	10.75	vertical	-43.8	-13.0	30.8	180
3	2446.50	-50.59	2.51	11.05	vertical	-44.2	-13.0	31.2	225
4	3262.00	-56.3	4.20	11.15	vertical	-51.5	-13.0	38.5	135
5	4077.50	-52.5	5.20	11.15	vertical	-48.7	-13.0	35.7	90
6	4893.00	-51	5.50	11.95	vertical	-46.7	-13.0	33.7	45
7	5708.50	-52.2	5.70	13.55	vertical	-46.5	-13.0	33.5	180
8	6524.00	-50	6.30	13.75	vertical	-44.7	-13.0	31.7	225
9	7339.50	-45.3	6.80	13.85	vertical	-40.4	-13.0	27.4	135
10	8155.00	-47	6.90	14.25	vertical	-41.8	-13.0	28.8	90

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2.The worst emission was found in the antenna is vertical position.

LTE Band 26 3MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1663.00	-50.5	2.00	10.75	vertical	-43.9	-13.0	30.9	45
3	2494.50	-53.09	2.51	11.05	vertical	-46.7	-13.0	33.7	180
4	3326.00	-56.4	4.20	11.15	vertical	-51.6	-13.0	38.6	225
5	4157.50	-52.6	5.20	11.15	vertical	-48.8	-13.0	35.8	135
6	4989.00	-49.7	5.50	11.95	vertical	-45.4	-13.0	32.4	90
7	5820.50	-52.5	5.70	13.55	vertical	-46.8	-13.0	33.8	45
8	6652.00	-48.9	6.30	13.75	vertical	-43.6	-13.0	30.6	180
9	7483.50	-46.4	6.80	13.85	vertical	-41.5	-13.0	28.5	225
10	8315.00	-46.8	6.90	14.25	vertical	-41.6	-13.0	28.6	135

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2.The worst emission was found in the antenna is vertical position.

LTE Band 26 3MHz CH-High

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1695.00	-46.4	2.00	10.75	vertical	-39.8	-13.0	26.8	90
3	2542.50	-53.79	2.51	11.05	vertical	-47.4	-13.0	34.4	45
4	3390.00	-56.3	4.20	11.15	vertical	-51.5	-13.0	38.5	180
5	4237.50	-52.5	5.20	11.15	vertical	-48.7	-13.0	35.7	225
6	5085.00	-50.5	5.50	11.95	vertical	-46.2	-13.0	33.2	135
7	5932.50	-51.5	5.70	13.55	vertical	-45.8	-13.0	32.8	90
8	6780.00	-48.4	6.30	13.75	vertical	-43.1	-13.0	30.1	45
9	7627.50	-46.1	6.80	13.85	vertical	-41.2	-13.0	28.2	180
10	8475.00	-47.4	6.90	14.25	vertical	-42.2	-13.0	29.2	225

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2.The worst emission was found in the antenna is vertical position.

LTE Band 26 5MHz CH-Low

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1633.00	-50.5	2.00	10.75	vertical	-43.9	-13.0	30.9	135
3	2449.50	-49.59	2.51	11.05	vertical	-43.2	-13.0	30.2	90
4	3266.00	-55.9	4.20	11.15	vertical	-51.1	-13.0	38.1	45
5	4082.50	-52.4	5.20	11.15	vertical	-48.6	-13.0	35.6	180
6	4899.00	-51	5.50	11.95	vertical	-46.7	-13.0	33.7	225
7	5715.50	-52.3	5.70	13.55	vertical	-46.6	-13.0	33.6	135
8	6532.00	-50	6.30	13.75	vertical	-44.7	-13.0	31.7	90
9	7348.50	-46.3	6.80	13.85	vertical	-41.4	-13.0	28.4	45
10	8165.00	-46.4	6.90	14.25	vertical	-41.2	-13.0	28.2	180

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2.The worst emission was found in the antenna is vertical position.

LTE Band 26 5MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1663.00	-50.3	2.00	10.75	vertical	-43.7	-13.0	30.7	225
3	2494.50	-53.59	2.51	11.05	vertical	-47.2	-13.0	34.2	135
4	3326.00	-55.9	4.20	11.15	vertical	-51.1	-13.0	38.1	90
5	4157.50	-52.2	5.20	11.15	vertical	-48.4	-13.0	35.4	45
6	4989.00	-50.7	5.50	11.95	vertical	-46.4	-13.0	33.4	180
7	5820.50	-52.5	5.70	13.55	vertical	-46.8	-13.0	33.8	225
8	6652.00	-48.4	6.30	13.75	vertical	-43.1	-13.0	30.1	135
9	7483.50	-46.4	6.80	13.85	vertical	-41.5	-13.0	28.5	90
10	8315.00	-46.3	6.90	14.25	vertical	-41.1	-13.0	28.1	45

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2.The worst emission was found in the antenna is vertical position.

LTE Band 26 5MHz CH-High

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1693.00	-46.7	2.00	10.75	vertical	-40.1	-13.0	27.1	180
3	2539.50	-53.09	2.51	11.05	vertical	-46.7	-13.0	33.7	225
4	3386.00	-56.6	4.20	11.15	vertical	-51.8	-13.0	38.8	135
5	4232.50	-52.5	5.20	11.15	vertical	-48.7	-13.0	35.7	90
6	5079.00	-50.5	5.50	11.95	vertical	-46.2	-13.0	33.2	45
7	5925.50	-51	5.70	13.55	vertical	-45.3	-13.0	32.3	180
8	6772.00	-48.4	6.30	13.75	vertical	-43.1	-13.0	30.1	225
9	7618.50	-46.7	6.80	13.85	vertical	-41.8	-13.0	28.8	135
10	8465.00	-47.4	6.90	14.25	vertical	-42.2	-13.0	29.2	90

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2.The worst emission was found in the antenna is vertical position.

LTE Band 26 10MHz CH-Low

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1640.00	-51.7	2.00	10.75	vertical	-45.1	-13.0	32.1	45
3	2460.00	-52.09	2.51	11.05	vertical	-45.7	-13.0	32.7	180
4	3280.00	-56.3	4.20	11.15	vertical	-51.5	-13.0	38.5	225
5	4100.00	-52	5.20	11.15	vertical	-48.2	-13.0	35.2	135
6	4920.00	-50.8	5.50	11.95	vertical	-46.5	-13.0	33.5	90
7	5740.00	-50.8	5.70	13.55	vertical	-45.1	-13.0	32.1	45
8	6560.00	-50	6.30	13.75	vertical	-44.7	-13.0	31.7	180
9	7380.00	-45.3	6.80	13.85	vertical	-40.4	-13.0	27.4	225
10	8200.00	-47	6.90	14.25	vertical	-41.8	-13.0	28.8	135

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2.The worst emission was found in the antenna is vertical position.

LTE Band 26 10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1663.00	-52.2	2.00	10.75	vertical	-45.6	-13.0	32.6	90
3	2494.50	-55.39	2.51	11.05	vertical	-49.0	-13.0	36.0	45
4	3326.00	-55.4	4.20	11.15	vertical	-50.6	-13.0	37.6	180
5	4157.50	-52.8	5.20	11.15	vertical	-49.0	-13.0	36.0	225
6	4989.00	-50	5.50	11.95	vertical	-45.7	-13.0	32.7	135
7	5820.50	-51.8	5.70	13.55	vertical	-46.1	-13.0	33.1	90
8	6652.00	-48.9	6.30	13.75	vertical	-43.6	-13.0	30.6	45
9	7483.50	-46.3	6.80	13.85	vertical	-41.4	-13.0	28.4	180
10	8315.00	-46.6	6.90	14.25	vertical	-41.4	-13.0	28.4	225

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2.The worst emission was found in the antenna is vertical position.



LTE Band 26 10MHz CH-High

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1688.00	-48.8	2.00	10.75	vertical	-42.2	-13.0	29.2	135
3	2532.00	-54.19	2.51	11.05	vertical	-47.8	-13.0	34.8	90
4	3376.00	-56	4.20	11.15	vertical	-51.2	-13.0	38.2	45
5	4220.00	-52.5	5.20	11.15	vertical	-48.7	-13.0	35.7	180
6	5064.00	-50.5	5.50	11.95	vertical	-46.2	-13.0	33.2	225
7	5908.00	-51	5.70	13.55	vertical	-45.3	-13.0	32.3	135
8	6752.00	-49.2	6.30	13.75	vertical	-43.9	-13.0	30.9	90
9	7596.00	-46.7	6.80	13.85	vertical	-41.8	-13.0	28.8	45
10	8440.00	-46.4	6.90	14.25	vertical	-41.2	-13.0	28.2	180

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2.The worst emission was found in the antenna is vertical position.

LTE Band 26 15MHz CH-Low

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1645.00	-52.1	2.00	10.75	vertical	-45.5	-13.0	32.5	225
3	2467.50	-49.99	2.51	11.05	vertical	-43.6	-13.0	30.6	135
4	3290.00	-56.7	4.20	11.15	vertical	-51.9	-13.0	38.9	90
5	4112.50	-52	5.20	11.15	vertical	-48.2	-13.0	35.2	45
6	4935.00	-50.8	5.50	11.95	vertical	-46.5	-13.0	33.5	180
7	5757.50	-51.4	5.70	13.55	vertical	-45.7	-13.0	32.7	225
8	6580.00	-50	6.30	13.75	vertical	-44.7	-13.0	31.7	135
9	7402.50	-46.3	6.80	13.85	vertical	-41.4	-13.0	28.4	90
10	8225.00	-46	6.90	14.25	vertical	-40.8	-13.0	27.8	45

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2.The worst emission was found in the antenna is vertical position.

LTE Band 26 10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1663.00	-51.7	2.00	10.75	vertical	-45.1	-13.0	32.1	180
3	2494.50	-53.79	2.51	11.05	vertical	-47.4	-13.0	34.4	225
4	3326.00	-56.4	4.20	11.15	vertical	-51.6	-13.0	38.6	135
5	4157.50	-52.8	5.20	11.15	vertical	-49.0	-13.0	36.0	90
6	4989.00	-49.6	5.50	11.95	vertical	-45.3	-13.0	32.3	45
7	5820.50	-52.5	5.70	13.55	vertical	-46.8	-13.0	33.8	180
8	6652.00	-48.9	6.30	13.75	vertical	-43.6	-13.0	30.6	225
9	7483.50	-47.3	6.80	13.85	vertical	-42.4	-13.0	29.4	135
10	8315.00	-46.6	6.90	14.25	vertical	-41.4	-13.0	28.4	90

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
 2.The worst emission was found in the antenna is vertical position.

LTE Band 26 15MHz CH-High

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1683.00	-50	2.00	10.75	vertical	-43.4	-13.0	30.4	45
3	2524.50	-55.89	2.51	11.05	vertical	-49.5	-13.0	36.5	180
4	3366.00	-56.4	4.20	11.15	vertical	-51.6	-13.0	38.6	225
5	4207.50	-52.5	5.20	11.15	vertical	-48.7	-13.0	35.7	135
6	5049.00	-50.9	5.50	11.95	vertical	-46.6	-13.0	33.6	90
7	5890.50	-51	5.70	13.55	vertical	-45.3	-13.0	32.3	45
8	6732.00	-48.6	6.30	13.75	vertical	-43.3	-13.0	30.3	180
9	7573.50	-46.7	6.80	13.85	vertical	-41.8	-13.0	28.8	225
10	8415.00	-45.4	6.90	14.25	vertical	-40.2	-13.0	27.2	135

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
 2.The worst emission was found in the antenna is vertical position.

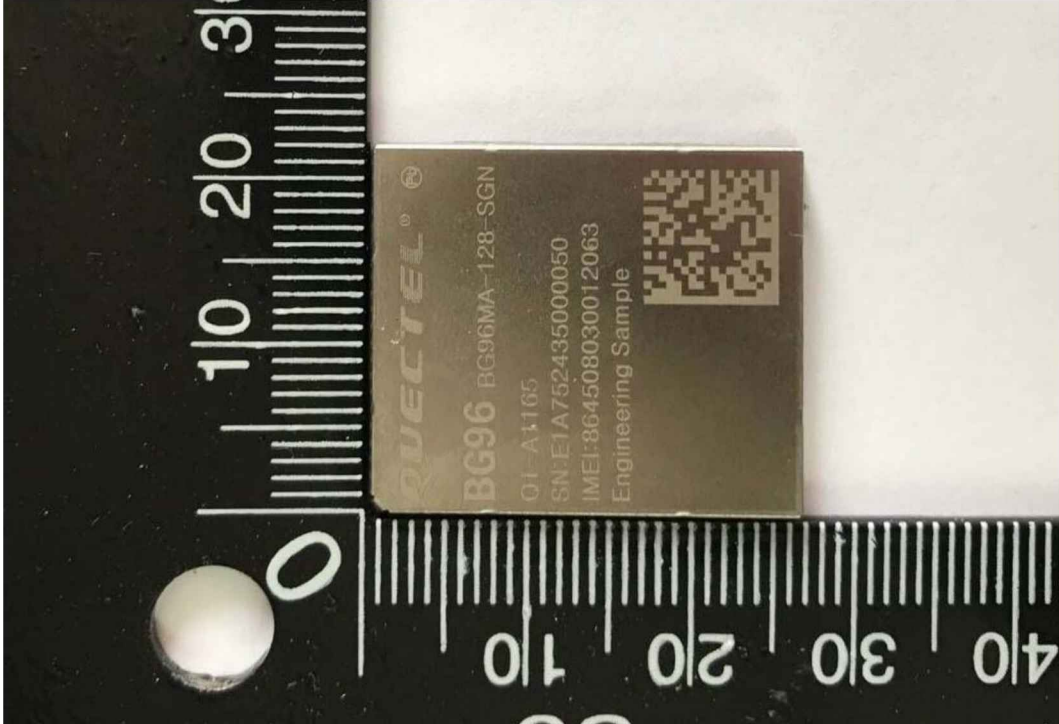
6. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Time
Base Station Simulator	R&S	CMW500	150415	2017-05-14	2018-05-13
Power Splitter	Hua Xiang	SHX-GF2-2-13	10120101	2017-05-14	2018-05-13
Spectrum Analyzer	Agilent	N9010A	MY47191109	2017-05-20	2018-05-19
Universal Radio Communication Tester	Agilent	E5515C	MY48367192	2017-05-20	2018-05-19
Signal Analyzer	R&S	FSV30	100815	2016-12-16	2017-12-15
EMI Test Receiver	R&S	ESCI	100948	2017-05-20	2018-05-19
Signal generator	R&S	SMB 100A	102594	2017-05-14	2018-05-13
Signal generator	R&S	SMR27	100365	2017-05-14	2018-05-13
Trilog Antenna	SCHWARZBEC K	VUBL 9163	9163-201	2014-12-06	2017-12-05
Horn Antenna	R&S	HF907	100126	2014-12-06	2017-12-05
Horn Antenna	ETS-Lindgren	3160-09	00102644	2015-01-30	2018-01-29
Climatic Chamber	Re Ce	PT-30B	20101891	2015-07-18	2018-07-17
RF Cable	Agilent	SMA 15cm	0001	2017-02-06	2017-08-05
Preamplifier	R&S	SCU18	102327	2017-06-18	2018-06-17

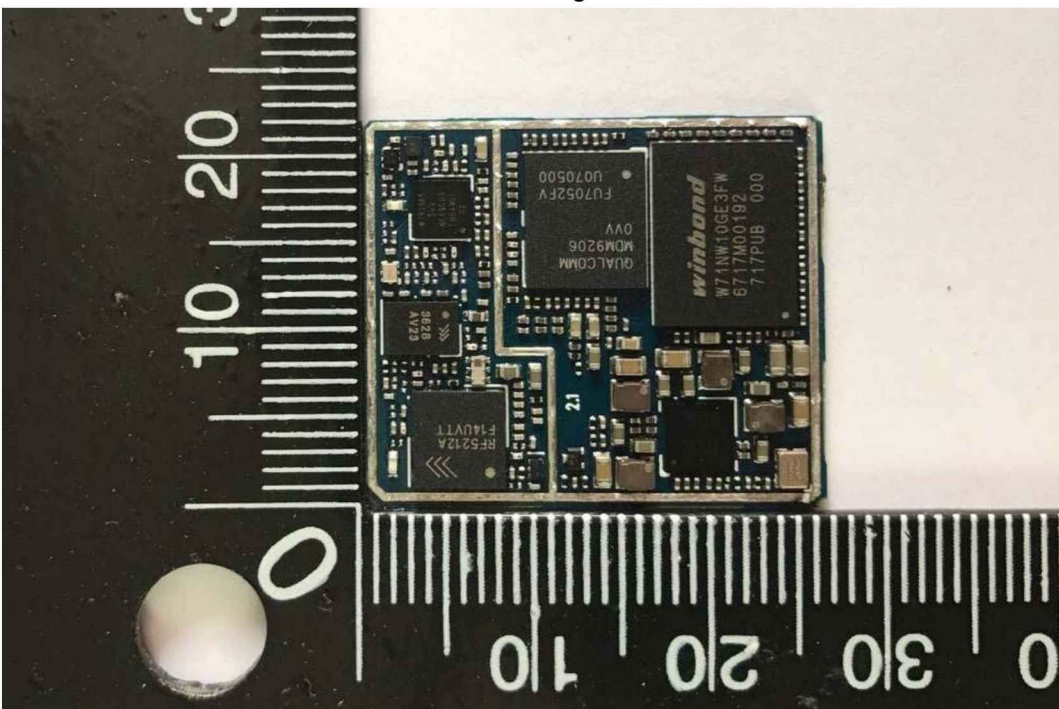
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ANNEX A: EUT Appearance and Test Setup

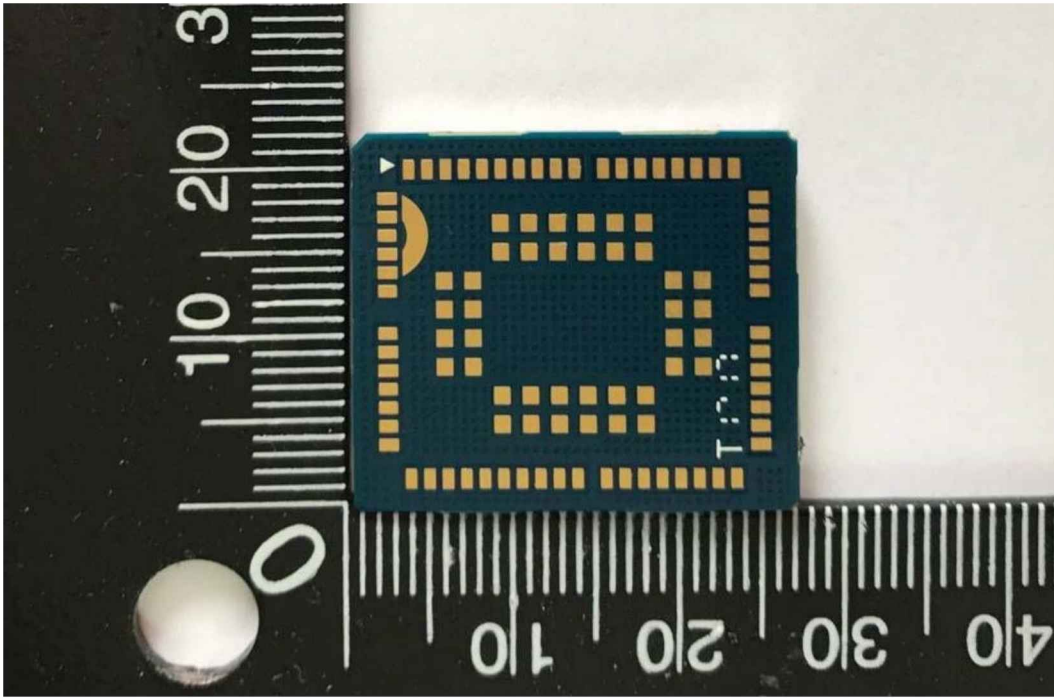
A.1 EUT Appearance



sheilding

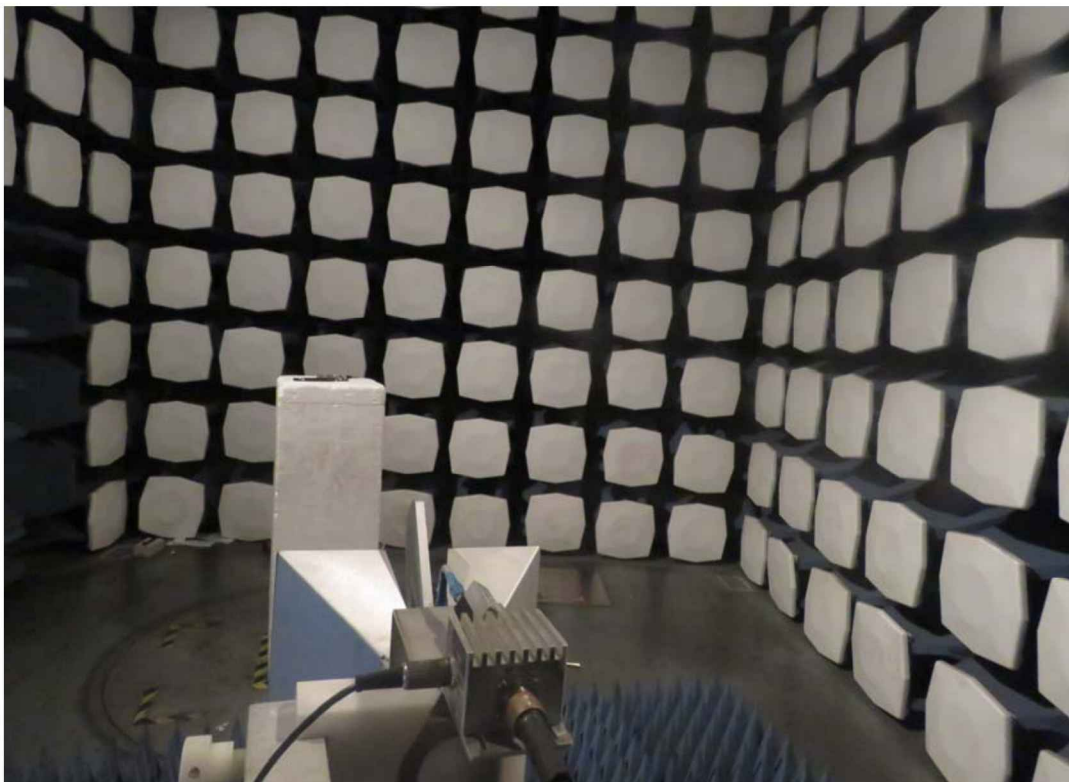
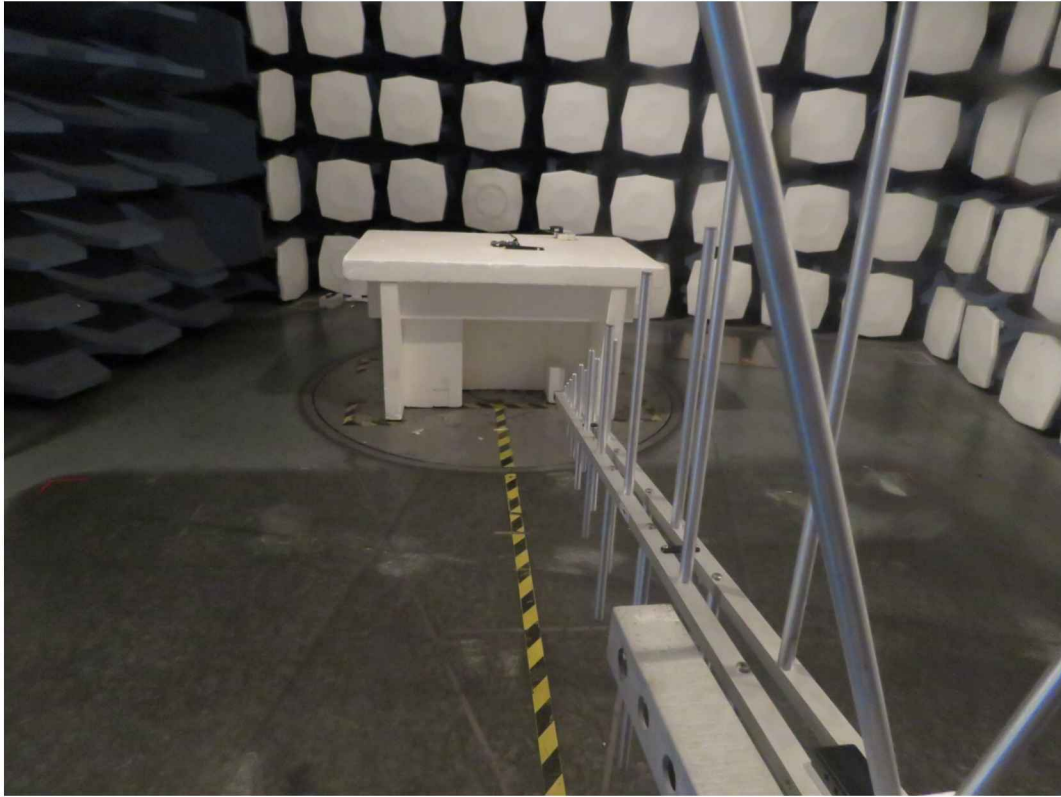


No sheilding
Front Side



Back Side
a: EUT

A.2 Test Setup



Picture 2: Radiated Spurious Emissions Test setup