SPOT CHECK EVALUATION

FCC ID	:	2AQ68T99W373
Equipment	:	5G WWAN Module
Brand Name	:	Foxconn
Model Name	:	T99W373
Applicant	:	Hon Lin Technology Co., Ltd 11F, No.32, Jihu Rd., Neihu Dist., Taipei City 114, Taiwan R.O.C.
Manufacturer	:	Hon Lin Technology Co., Ltd 11F, No.32, Jihu Rd., Neihu Dist., Taipei City 114, Taiwan R.O.C.
Standard	:	47 CFR Part 2, 22,24,27,90,96

The product was received on Jul.18, 2022 and testing was started from Sep. 24, 2022 and completed on Nov. 11, 2022. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this spot check data report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

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1. Introduction Section

The FCC ID: 2AQ68T99W368M (original model) and FCC ID: 2AQ68T99W373 (variant model) have the same PCB layout are differences is HW remove 5G NR mmWave related component & the software-controlled RF capabilities, Based on their similarity, the FCC Part 22, 24, 27,90,96 (equipment class: PCB&CBE) reuse the original model's result and do spot-check, following the FCC KDB 484596 D01 v01.

The applicant takes full responsibility that the test data as referenced in this report represent compliance for this FCC ID (FCC ID: 2AQ68T99W373).

2. Difference Section

The difference between 2AQ68T99W368M and 2AQ68T99W373 is HW remove 5G NR mmWave related component & RF capabilities (see the table below for details).

		SDX65	SDX62
3GPP Compliance		Rel-16 (both LTE and 5G)	Rel-16 (both LTE and 5G)
Sub6 TDD	DL	300MHz 4x4 MIMO, 256QAM	120MHz; 4x4 MIMO; 256-QAM
	UL	100MHz 2x2 MIMO, 256QAM	100MHz; 2x2 MIMO; 256-QAM
	NSA Concurrencies	8L LTE + NR 200MHz (2CC) 20L LTE + NR 100MHz (1CC)	10L LTE + 120MHz TDD (2CC) 16L LTE + 80MHz TDD (1CC)
	NR Aggregation	SA 3xCA TDD (300MHz)	SA 2xCA TDD (120MHz)
Sub6 FDD	DL	100 MHz; 4x4 MIMO; 256 QAM	60MHz; 4x4 MIMO; 256-QAM
	UL	60MHz; 2x2 MIMO; 256-QAM	60MHz; 2x2 MIMO; 256-QAM
	NSA Concurrencies	20L LTE + NR 50MHz	16L LTE + 40MHz FDD
	NR Aggregation	SA 4xCA FDD (100MHz)	SA 2xCA FDD (60MHz)
Sub6 FDD + TDD	NSA Concurrencies	8L LTE + 40MHz FDD (1CC) + 100MHz TDD(1CC)	4L LTE + 20MHz FDD(1CC) + 100MHz TDD(1CC) 4L LTE + 40MHz FDD(1CC) + 60MHz TDD(1CC)
	SA	50MHz FDD(1CC) + 200MHz TDD(2CC) 50MHz FDD(2CC) + 100MHz TDD(1CC)	20MHz FDD(1CC) + 100MHz TDD(1CC) 50MHz FDD(1CC) + 60MHz TDD(1CC)
mmWave	DL	1000 MHz 2x2 MIMO, 64QAM 800 MHz 2x2 MIMO, 256QAM	400MHz 2x2 MIMO, 64QAM
	UL	400MHz 2x2 MIMO, 64QAM	200MHz 2x2 MIMO, 64QAM
	NSA Concurrencies	4L LTE + NR 1000MHz 64QAM 8L LTE + NR 800MHz 256QAM 20L LTE + NR 400MHz 256QAM	10L LTE + 400MHz mmW 64QAM 16L LTE + 200MHz mmW 64QAM
	NR Aggregation	DL: 10CC, UL: 4CC	DL: 4CC, UL: 2CC
Sub6 + mmWave	DL FR1+FR2 DC	100 MHz TDD (2CC) + 800 MHz mmW 256QAM 200 MHz TDD (2CC) + 400 MHz mmW 256QAM 50 MHz FDD (3CC) + 800 MHz mmW 256QAM	100 MHz TDD (1CC) + 200 MHz mmW 64QAM 40MHz FDD (1CC) + 200 MHz mmW 64QAM
	UL FR1 + FR2 DC	100 MHz TDD (1CC) + 400 MHz mmW 256QAM 40 MHz FDD (2CC) + 400 MHz mmW 256QAM	100 MHz TDD (1CC) + 200 MHz mmW 64QAM 40MHz FDD (1CC) + 200 MHz mmW 64QAM
LTE	DL	20L 4x4 MIMO, 1024 QAM	16L; 4x4 MIMO; 256-QAM
	UL	1L per carrier 256QAM	1L per carrier; 256-QAM
	LTE Aggregation	DL : 7xCA UL : 2xCA	DL: 5xCA; UL:2xCA
Voice	VoNR	Yes	Yes

3. Spot Check Verification Data Section

Conducted power test and radiated spurious emission test against the variant model based on the worst-case condition from the original model was performed in this filing and the verification test results Similar to the original FCC ID., please refer to below summary.

Summary of the spot check:

Test Item	Mode	2AQ68T99W368M Worst Result	2AQ68T99W373 Worst Result	Difference (dB)
Average Conducted Power (dBm)	WCDMA Band 2	24.12	23.78	0.34
	WCDMA Band 4	23.76	23.68	0.08
	WCDMA Band 5	24.19	23.95	0.24
	LTE Band 2	23.99	23.08	0.91
	LTE Band 4	23.63	23.35	0.28
	LTE Band 5	24.16	24.28	-0.12
	LTE Band 7	23.92	23.95	-0.03
	LTE Band 12	23.72	23.64	0.08
	LTE Band 13	23.77	23.78	-0.01
	LTE Band 14	23.60	23.57	0.03
	LTE Band 17	23.50	23.51	-0.01
	LTE Band 25	23.61	23.16	0.45
	LTE Band 26 (814~824MHz)	23.75	23.53	0.22
	LTE Band 26(824~849MHz)	23.66	23.53	0.13
	LTE Band 30	22.16	21.99	0.17
	LTE Band 38	23.99	23.47	0.52
	LTE Band 41	26.24	26.47	-0.23
	LTE Band 42 (3450~3550MHz)	23.25	23.60	-0.35
	LTE Band 42 (3550~3600MHz)	21.48	21.96	-0.48
	LTE Band 43	21.95	21.66	0.29
	LTE Band 48	21.99	21.12	0.87
	LTE Band 66	23.99	23.69	0.30
	LTE Band 71	23.81	23.66	0.15
	5G NR n2	23.58	23.60	-0.02
	5G NR n5	23.90	23.60	0.30
	5G NR n7	23.70	23.90	-0.20
	5G NR n12	23.47	23.40	0.07
	5G NR n13	23.36	23.70	-0.34
	5G NR n14	23.28	23.60	-0.32
	5G NR n25	23.98	23.30	0.68
	5G NR n26(814~824MHz)	23.94	23.80	0.14
	5G NR n26(824~849MHz)	23.66	23.50	0.16
	5G NR n30	22.27	22.10	0.17
	5G NR n38	23.97	23.50	0.47
	5G NR n41	26.98	26.60	0.38
	5G NR n48	21.81	21.80	0.01
	5G NR n66	23.93	23.50	0.43
	5G NR n70	23.52	23.90	-0.38
	5G NR n71	23.98	23.60	0.38

Test Item	Mode	2AQ68T99W368M Worst Result	2AQ68T99W373 Worst Result	Difference (dB)
Average Conducted Power (dBm)	5G NR n77 (3450~3550MHz)	26.96	26.20	0.76
	5G NR n77 (3550~3700MHz)	21.84	21.90	-0.06
	5G NR n77(3700~3980MHz)	26.81	26.90	-0.09
	5G NR n78 (3450~3550MHz)	26.40	26.20	0.20
	5G NR n78 (3550~3700MHz)	20.75	20.90	-0.15
	5G NR n78(3700~3980MHz)	26.75	26.10	0.65
Radiated Spurious Emission (Harmonic) Margin	WCDMA Band 2	-33.52	-35.02	1.50
	WCDMA Band 4	-35.19	-33.50	-1.69
	WCDMA Band 5	-44.48	-43.90	-0.58
	LTE Band 2	-31.10	-31.78	0.68
	LTE Band 4	-35.16	-33.36	-1.80
	LTE Band 5	-43.85	-44.68	0.83
	LTE Band 7	-18.42	-18.54	0.12
	LTE Band 12	-40.41	-41.58	1.17
	LTE Band 13	-17.34	-19.73	2.39
	LTE Band 14	-19.71	-20.10	0.39
	LTE Band 17	-44.31	-45.79	1.48
	LTE Band 25	-31.49	-33.98	2.49
	LTE Band 26(814~824MHz)	-44.05	-45.21	1.16
	LTE Band 26(824~849MHz)	-28.75	-31.31	2.56
	LTE Band 30	-13.31	-15.66	2.35
	LTE Band 38	-18.15	-18.28	0.13
	LTE Band 41	-17.51	-18.4	0.89
	LTE Band 42(3450~3550MHz)	-16.12	-15.62	-0.50
	LTE Band 43	-0.58	-8.80	8.22
	LTE Band 48	-6.70	-4.20	-2.50
	LTE Band 66	-34.30	-33.82	-0.48
	LTE Band 71	-39.54	-41.53	1.99
	5G NR n2	-31.47	-29.76	-1.71
	5G NR n5	-44.41	-43.47	-0.94
	5G NR n7	-24.19	-24.16	-0.03
	5G NR n12	-42.71	-43.84	1.13
	5G NR n13	-11.08	-10.67	-0.41
	5G NR n14	-8.56	-10.10	1.54
	5G NR n25	-35.62	-32.85	-2.77
	5G NR n26 (814~824MHz)	-44.70	-43.30	-1.40
	5G NR n26 (824~849MHz)	-44.34	-41.63	-2.71
	5G NR n30	-10.60	-10.28	-0.32
	5G NR n38	-23.74	-23.64	-0.10
	5G NR n41	-24.11	-23.89	-0.22
	5G NR n48	-1.75	-3.46	1.71
	5G NR n66	-37.79	-35.12	-2.67
	5G NR n70	-34.92	-34.37	-0.55
	5G NR n71	-43.25	-44.74	1.49

Test Item	Mode	2AQ68T99W368M Worst Result	2AQ68T99W373 Worst Result	Difference (dB)
Radiated Spurious Emission (Harmonic) Margin	5G NR n77 (3450~3550MHz)	-15.86	-16.10	0.24
	5G NR n77 (3550~3700MHz)	-0.54	-8.81	8.27
	5G NR n77 (3700~3980MHz)	-13.63	-14.36	0.73

Note: All the tests were performed with Sample 1(The sample differences which can be referred to Sporton Report Number EP262904-03)

Conclusion:

Radiated spurious emission test against the variant model for non-cellular part based on the worst-case condition from the original model was performed in this filing to demonstrate the test data from original model remains representative for the variant model.

Based on the spot check test result (power levels measured are within 1dB, and the worst case of RSE spot check verification based on the worst condition from the original model is than within 3dB and are compliance with the limits), the test data from the original model is representative for the variant model.

4. Reference detail Section

Rule Part	Equipment Class	Wireless Technology	Frequency Band (MHz)	Reference FCC ID	Type Grant/Permissive Change	Reference Report Title	Reference Application	Reference Report Sections
Part 22.24.27	PCB	WCDMA	WCDMA B2/4/5	2AQ68T99W368M	Original Grant	FCC RF Test Report	2AQ68T99W373	Part 22.24.27 (FG262904A)
		LTE	LTE B2/4/5/7/12/13/17/25/26/30/38/41/42/66/71	2AQ68T99W368M	Original Grant	FCC RF Test Report	2AQ68T99W373	Part 22.24.27 (FG262904B.C.N)
		5G NR	5G NR n2/5/7/12/13/25/26/30/38/41/66/70/71/77/78	2AQ68T99W368M	Original Grant	FCC RF Test Report	2AQ68T99W373	Part 22.24.27 (FG262904D.P.I.J)
Part 90	PCB	LTE	LTE B14/26	2AQ68T99W368M	Original Grant	FCC RF Test Report	2AQ68T99W373	Part 90 (FG262904E.G)
		5G NR	5G NR n14/26	2AQ68T99W368M	Original Grant	FCC RF Test Report	2AQ68T99W373	Part 90 (FG262904F.H)
Part 96	CBE	LTE	LTE B42/43/48	2AQ68T99W368M	Original Grant	FCC RF Test Report	2AQ68T99W373	Part 96 (FG262904K.M)
		5G NR	5G NR n48/77/78	2AQ68T99W368M	Original Grant	FCC RF Test Report	2AQ68T99W373	Part 96 (FG262904L)

5. List of Measuring Equipment& Setup Plots

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025341	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 04, 2022	Nov. 07, 2022~ Nov. 11, 2022	Oct. 03, 2023	Conducted (TH03-HY)
5G Wireless Test Platform	Anritsu	MT8000A	6262148275	FR1 (+MT8821C SN:6262116725)	Oct. 12, 2022	Nov. 07, 2022~ Nov. 11, 2022	Oct. 11, 2023	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 07, 2022	Nov. 07, 2022~ Nov. 11, 2022	Jan. 06, 2023	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101908	10Hz~40GHz	Sep. 27, 2022	Nov. 07, 2022~ Nov. 11, 2022	Sep. 26, 2023	Conducted (TH03-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	May 05, 2022	Nov. 07, 2022~ Nov. 11, 2022	May 04, 2023	Conducted (TH03-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262025341	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 04, 2022	Nov. 07, 2022~ Nov. 11, 2022	Oct. 03, 2023	Conducted (TH03-HY)
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Sep. 24, 2022~ Oct. 07, 2022	Sep. 19, 2023	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	41912 & 05	30MHz~1GHz	Feb. 06, 2022	Sep. 24, 2022~ Oct. 07, 2022	Feb. 05, 2023	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1212	1GHz ~ 18GHz	Mar. 10, 2022	Sep. 24, 2022~ Oct. 07, 2022	Mar. 09, 2023	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1326	1GHz ~ 18GHz	Aug. 24, 2022	Sep. 24, 2022~ Oct. 07, 2022	Aug. 23, 2023	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00991	18GHz~40GHz	May 14, 2022	Sep. 24, 2022~ Oct. 07, 2022	May 13, 2023	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz~40GHz	Nov. 30, 2021	Sep. 24, 2022~ Oct. 07, 2022	Nov. 29, 2022	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 10, 2021	Sep. 24, 2022~ Oct. 07, 2022	Dec. 09, 2022	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 10, 2021	Sep. 24, 2022~ Oct. 07, 2022	Nov. 09, 2022	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-303	1710001800055007	1GHz~18GHz	Jun. 15, 2022	Sep. 24, 2022~ Oct. 07, 2022	Jun. 14, 2023	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 28, 2022	Sep. 24, 2022~ Oct. 07, 2022	Jun. 27, 2023	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Mar. 07, 2022	Sep. 24, 2022~ Oct. 07, 2022	Mar. 06, 2023	Radiation (03CH11-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Signal Generator	Rohde & Schwarz	SMF100A	101107	100kHz~40GHz	Dec. 08, 2021	Sep. 24, 2022~ Oct. 07, 2022	Dec. 07, 2022	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 24, 2022~ Oct. 07, 2022	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Sep. 24, 2022~ Oct. 07, 2022	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Sep. 24, 2022~ Oct. 07, 2022	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Sep. 24, 2022~ Oct. 07, 2022	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 10, 2022	Sep. 24, 2022~ Oct. 07, 2022	Mar. 09, 2023	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz-30MHz	Mar. 10, 2022	Sep. 24, 2022~ Oct. 07, 2022	Mar. 09, 2023	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	30MHz-18GHz	Mar. 10, 2022	Sep. 24, 2022~ Oct. 07, 2022	Mar. 09, 2023	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	811852/4	30MHz-18GHz	Mar. 10, 2022	Sep. 24, 2022~ Oct. 07, 2022	Mar. 09, 2023	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN3	3GHz High Pass Filter	Sep. 12, 2022	Sep. 24, 2022~ Oct. 07, 2022	Sep. 11, 2023	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-900-1000-15000-60SS	SN12	1GHz High Pass Filter	Sep. 12, 2022	Sep. 24, 2022~ Oct. 07, 2022	Sep. 11, 2023	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP140325	N/A	Aug. 15, 2022	Sep. 24, 2022~ Oct. 07, 2022	Aug. 14, 2023	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	May 13, 2022	Sep. 30, 2022~ Oct. 03, 2022	May 12, 2023	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	37059 & 01	30MHz~1GHz	Oct. 09, 2021	Sep. 30, 2022~ Oct. 03, 2022	Oct. 08, 2022	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 09, 2021	Sep. 30, 2022~ Oct. 03, 2022	Oct. 08. 2022	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1328	1GHz~18GHz	Dec. 03, 2021	Sep. 30, 2022~ Oct. 03, 2022	Dec. 02, 2022	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1212	1GHz~18GHz	Mar. 10, 2022	Sep. 30, 2022~ Oct. 03, 2022	Mar. 09, 2023	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz-40GHz	Nov. 30, 2021	Sep. 30, 2022~ Oct. 03, 2022	Nov. 29, 2022	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 30, 2021	Sep. 30, 2022~ Oct. 03, 2022	Nov. 29, 2022	Radiation (03CH12-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 23, 2022	Sep. 30, 2022~ Oct. 03, 2022	Mar. 22, 2023	Radiation (03CH12-HY)
Preamplifier	Aglient	8449B	3008A02375	1GHz~26.5GHz	May 24, 2022	Sep. 30, 2022~ Oct. 03, 2022	May 23, 2023	Radiation (03CH12-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M-18G-56-01-A70	EC1900249	1GHz-18GHz	Dec. 22, 2021	Sep. 30, 2022~ Oct. 03, 2022	Dec. 21, 2022	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	Sep. 30, 2022~ Oct. 03, 2022	Dec. 23, 2022	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Jan. 12, 2022	Sep. 30, 2022~ Oct. 03, 2022	Jan. 11, 2023	Radiation (03CH12-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN2	6.75GHz High Pass Filter	Mar. 16, 2022	Sep. 30, 2022~ Oct. 03, 2022	Mar. 15, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 10, 2022	Sep. 30, 2022~ Oct. 03, 2022	Mar. 09, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 10, 2021	Sep. 30, 2022~ Oct. 03, 2022	Dec. 09, 2022	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Feb. 21, 2022	Sep. 30, 2022~ Oct. 03, 2022	Feb. 20, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803953/2	30MHz~40GHz	Mar. 08, 2022	Sep. 30, 2022~ Oct. 03, 2022	Mar. 07, 2023	Radiation (03CH12-HY)
Base Station	Anritsu	MT8821C	6201432816	2/3/4G/LTE FDD/TDD with44)/LTE-3CC DLCA/2CC ULCA, CatM1/NB1/NB2	May 10, 2021	Sep. 30, 2022~ Oct. 03, 2022	May 09, 2023	Radiation (03CH12-HY)
5G Wireless Test Platform	Anritsu	MT8000A	6262012917	FR1 (+MT8821C SN:6262044657)	Feb. 11, 2022	Sep. 30, 2022~ Oct. 03, 2022	Feb. 10, 2023	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP140325	N/A	Nov. 26, 2021	Sep. 30, 2022~ Oct. 03, 2022	Nov. 25, 2022	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 30, 2022~ Oct. 03, 2022	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Sep. 30, 2022~ Oct. 03, 2022	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Sep. 30, 2022~ Oct. 03, 2022	N/A	Radiation (03CH12-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	35419 & 03	30MHz~1GHz	Apr. 24, 2022	Sep. 30, 2022~ Nov. 10, 2022	Apr. 23, 2023	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 03, 2021	Sep. 30, 2022~ Nov. 10, 2022	Dec. 02, 2022	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 21, 2022	Sep. 30, 2022~ Nov. 10, 2022	Apr. 20, 2023	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 04, 2021	Sep. 30, 2022~ Oct. 02, 2022	Oct. 03, 2022	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 04, 2021	Sep. 30, 2022~ Oct. 02, 2022	Oct. 03, 2022	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 03, 2022	Oct. 03, 2022~ Nov. 10, 2022	Oct. 02, 2023	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 03, 2022	Oct. 03, 2022~ Nov. 10, 2022	Oct. 02, 2023	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 21, 2022	Sep. 30, 2022~ Nov. 10, 2022	Jul. 20, 2023	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Jul. 22, 2022	Sep. 30, 2022~ Nov. 10, 2022	Jul. 21, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682/4	30MHz to 18GHz	Feb. 23, 2022	Sep. 30, 2022~ Nov. 10, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4	9kHz to 18GHz	Feb. 23, 2022	Sep. 30, 2022~ Nov. 10, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4	9kHz to 18GHz	Feb. 23, 2022	Sep. 30, 2022~ Nov. 10, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Sep. 30, 2022~ Nov. 10, 2022	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Sep. 30, 2022~ Nov. 10, 2022	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500 E	N/A	Boresight mast 1M~4M	N/A	Sep. 30, 2022~ Nov. 10, 2022	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Sep. 30, 2022~ Nov. 10, 2022	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Sep. 30, 2022~ Nov. 10, 2022	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 07, 2022	Sep. 30, 2022~ Nov. 10, 2022	Mar. 06, 2023	Radiation (03CH07-HY)
Horn Antenna	ETS-Lindgren	3117	00143261	1GHz~18GHz	Feb. 11, 2022	Sep. 30, 2022~ Nov. 10, 2022	Feb. 10, 2023	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 30, 2021	Sep. 30, 2022~ Nov. 10, 2022	Nov. 29, 2022	Radiation (03CH07-HY)
Signal Generator	Anritsu	MG3710A	6261943042	2G / 3G / LTE / 5G FR1	May 23, 2022	Sep. 30, 2022~ Nov. 10, 2022	May 22, 2023	Radiation (03CH07-HY)