

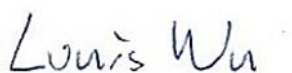


SPOT CHECK EVALUATION

FCC ID : A4RG4H7L
Equipment : Phone
Model Name : G4H7L, GV0BP
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, CA, 94043 USA
Standard : 47 CFR Part 2, 22(H), 24(E), 27, 90(S)
FCC Part 15 Subpart C §15.225
FCC Part 15 Subpart C §15.247
FCC Part 15 Subpart E §15.407

We, Sporton International Inc. Wensan 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 report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.



Approved by: Louis Wu

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History of this test report

Version	Description	Issue Date
01	Initial issue of report	Sep. 29, 2025
02	Revise table of contents, section 2, section 3 and section 5. Add Appendix B	Oct. 20, 2025
03	Revise section 5 and Appendix A	Oct. 22, 2025



1. Introduction Section

FCC ID: A4RGE1GQ (Parent Device) and FCC ID: A4RG4H7L (Variant Device) use the same identical internal printed circuit board layouts, while the variant model FR1 n79 related components are populated, details are available in the operational description. Based on their similarity, the FCC Part 15C (equipment class: DXX, DSS, DTS), Part 15E (equipment class: NII, 6CD, 6VL), and FCC Part 22, 24, 25, 27, 90(S) (equipment class: PCE, TNB) reuse the original model's result and do spot-check.

The spot check data in this report is used to justify the data reuse following FCC KDB 484596 D01 Referencing Test Data v02r03.

The applicant should take full responsibility that the test data as referenced in this report represent compliance for this FCC ID: A4RG4H7L

2. Model Difference Information

A4RGE1GQ and A4RG4H7L use the identical internal printed circuit board layout, and the difference in the components population:

- A4RG4H7L: 5GNR FR1 n79 related components are populated
- A4RGE1GQ: 5GNR FR1 n79 related components are depopulated.

The supported GSM/WCDMA bands are all identical between A4RGE1GQ and A4RG4H7L.

The supported LTE band comparison table is listed as following

LTE Band	A4RGE1GQ	A4RG4H7L
Same	B2, B4, B5, B7, B12, B17, B26, B38 HPUE, B41 HPUE, B41C, B66	B2, B4, B5, B7, B12, B17, B26, B38 HPUE, B41 HPUE, B41C, B66
Diff.	B5B, B13, B14, B25, B30, B48, B71 B66B, B66C	B7C, *B18, *B19, B38C

Note (*): The B18 and B19 are only available in Japan. Thus, these two bands are not evaluated in this test report.

The supported NR FR1 band comparison table is listed as following

NR Band	A4RGE1GQ	A4RG4H7L
Same	n2, n5, n7, n12, n26, n66 n38, n41 PC1.5, n77 PC1.5, n78 PC2	n2, n5, n7, n12, n26, n66 n38, n41 PC3, n77 PC2, n78 PC2
Diff.	n14, n25, n30, n48, n70, n71	n79

The supported NR FR1 band UL MIMO mode comparison table is listed as following

NR UL MIMO mode Band	A4RGE1GQ	A4RG4H7L
Same	N/A	N/A
Diff.	n41, n48, n77, n78	N/A

The supported NR FR1 band TxD mode comparison table is listed as following

NR TxD mode Band	A4RGE1GQ	A4RG4H7L
Same	N/A	N/A
Diff.	n41, n77, n78	N/A

The detail of similarity and difference is illustrated in the operational description, and based on the information spot check on conducted power, ERP/EIRP and radiated spurious emission was performed to ensure compliance.

3. Spot Check Verification Data Section

Conducted power test and radiated spurious emission test configurations were selected from the worst cases identified in the parent model and tested to demonstrate the test data from original model remains representative for the variant model.

Based on the RF parameter is still identical so the EBW from original model remains representative for the variant model.

Summary for power and RSE spot check for each FCC rule part is listed as below:

Test Item	Mode	Item	A4RGE1GQ Parent Worst Result	A4RG4H7L Variant Check Result	Difference (dB)
Conducted Power ERP/EIRP (dBm)	WWAN GPRS 850 GSM CH189	Power	33.03	32.81	0.22
	Antenna gain (dBi) -3.2	ERP	27.68	27.46	0.22
	WWAN GPRS 1900 GSM CH661	Power	29.60	29.35	0.25
	Antenna gain (dBi) -0.3	EIRP	29.30	29.05	0.25
	WWAN WCDMA Band V RMC 12.2K CH4132	Power	24.90	24.74	0.16
	Antenna gain (dBi) -3.2	ERP	19.55	19.39	0.16
	WWAN WCDMA Band II RMC 12.2K CH9262	Power	24.63	24.45	0.18
	Antenna gain (dBi) -0.3	EIRP	24.33	24.15	0.18
	WWAN WCDMA Band IV RMC 12.2K CH1312	Power	24.72	24.54	0.18
	Antenna gain (dBi) 0.0	EIRP	24.72	24.54	0.18
	WWAN LTE Band 2 20MHz 1RB0 QPSK Low	Power	24.26	24.21	0.05
	Antenna gain (dBi) -0.3	EIRP	23.96	23.91	0.05
	WWAN LTE Band 7 20MHz 1RB0 QPSK High	Power	24.38	24.19	0.19
	Antenna gain (dBi) -0.4	EIRP	23.98	23.79	0.19
	WWAN LTE Band 12 10MHz 1RB0 QPSK High	Power	24.38	24.31	0.07
	Antenna gain (dBi) -3.1	ERP	19.13	19.06	0.07
	WWAN LTE Band 26 (22H) 5MHz 1RB0 QPSK Mid	Power	24.44	24.37	0.07
	Antenna gain (dBi) -2.9	ERP	19.39	19.32	0.07
	WWAN LTE Band 26 (90S) 15MHz 1RB0 QPSK Low	Power	24.50	24.25	0.25
	Antenna gain (dBi) -2.9	ERP	19.45	19.2	0.25



Test Item	Mode	Item	A4RGE1GQ Parent Worst Result	A4RG4H7L Variant Check Result	Difference (dB)
Conducted Power ERP/EIRP (dBm)	WWAN LTE Band 41 HPUE 20MHz 1RB0 QPSK Mid	Power	26.32	26.31	0.01
	Antenna gain (dBi) -0.3	EIRP	26.02	26.01	0.01
	WWAN LTE Band 66 20MHz 1RB0 QPSK Low	Power	24.33	24.24	0.09
	Antenna gain (dBi) 0.0	EIRP	24.33	24.24	0.09
	NTN Band 23 3SC9 QPSK High	Power	23.71	23.62	0.09
	Antenna gain (dBi) -1.0	EIRP	22.71	22.62	0.09
	NTN Band 255 3SC0 QPSK Mid	Power	23.89	23.79	0.10
	Antenna gain (dBi) -1.6	EIRP	22.29	22.19	0.10
	WWAN NR n2 5MHz 1RB24 QPSK Mid	Power	24.63	24.60	0.03
	Antenna gain (dBi) -0.3	EIRP	24.32	24.29	0.03
	WWAN NR n7 5MHz 1RB23 QPSK Low	Power	24.77	24.75	0.02
	Antenna gain (dBi) -0.4	EIRP	24.37	24.35	0.02
	WWAN NR n12 15MHz 1RB77 QPSK Low	Power	24.43	24.28	0.15
	Antenna gain (dBi) -3.1	ERP	19.18	19.03	0.15
	WWAN NR n26 (22H) 10MHz 1RB1 BPSK Mid	Power	24.50	24.32	0.18
	Antenna gain (dBi) -2.9	ERP	19.45	19.27	0.18
	WWAN NR n26 (90S) 10MHz 1RB50 QPSK Mid	Power	24.49	24.26	0.23
	Antenna gain (dBi) -2.9	ERP	19.44	19.21	0.23
	WWAN NR n41 HPUE 90MHz 1RB243 BPSK Low	Power	26.78	24.62	2.16
	Antenna gain (dBi) -0.3	EIRP	26.48	24.32	2.16
	WWAN NR n66 20MHz 50RB25 BPSK Mid	Power	24.77	24.60	0.17
	Antenna gain (dBi) 0.0	EIRP	24.77	24.60	0.17
	WWAN NR n77 HPUE 100MHz 1RB271 QPSK High	Power	26.69	26.50	0.19
	Antenna gain (dBi) -0.6	EIRP	26.09	25.90	0.19



Test Item	Mode	ANT	A4RGE1GQ Parent Worst Result	A4RG4H7L Variant Check Result	Difference (dB)
Conducted Power (dBm)	BT (BR 1Mbps CH78)	3	19.75	19.51	0.24
	BT EDR (EDR 2Mbps CH78)	3	17.76	17.64	0.12
	BLE (BLE 2Mbps CH38)	3	19.12	18.88	0.24
	BLE CS GFSK_DTS (2Mbps CH76)	3	19.41	19.38	0.03
	BLE CS ASK_FHSS (2Mbps CH76)	3	20.44	20.37	0.07
	WiFi 2.4GHz (HE20 CH06 Full RU)	3+4	22.75	22.73	0.02
	WiFi 5GHz (HE20 CH173 Full RU)	3+4	21.92	21.72	0.20
	WiFi 6GHz SP client (HE40 CH51 Full RU)	3+4	21.97	21.82	0.15
	WiFi 6GHz LPI client (HE80 CH103 Full RU)	3+4	20.90	20.82	0.08
	WiFi 6GHz VLP (HE80 CH103 Full RU)	3+4	18.83	18.64	0.19
EIRP (dBm)	WiFi 6GHz SP client (HE20 CH117 Full RU) Antenna gain (dBi) -2.2	3+4	19.67	19.65	0.02
	WiFi 6GHz LPI client (HE80 CH199 Full RU) Antenna gain (dBi) -1.2	3+4	16.05	15.85	0.20
	WiFi 6GHz VLP (HE80 CH55 Full RU) Antenna gain (dBi) -5.8	3+4	12.73	12.59	0.14



Test Item	Mode	ANT	A4RGE1GQ Parent Worst Result	A4RG4H7L Variant Check Result	Difference (dB)
Field Strength (dBuV/m)	NFC 13.56MHz	-	24.84	24.75	0.09
Radiated Spurious Emission (dBuV/m)	NFC 13.56MHz	-	35.52	33.09	2.43
Radiated Spurious Emission (dBm)	WWAN GSM 850 CH189	1	-30.31	-30.78	0.47
	WWAN GSM 1900 CH661	2	-35.47	-37.26	1.79
	WWAN WCDMA Band V CH4182	1	-53.22	-53.93	0.71
	WWAN WCDMA Band II CH9400	2	-58.64	-59.94	1.30
	WWAN WCDMA Band IV CH1513	2	-58.17	-59.68	1.51
	WWAN LTE Band 2 10MHz 1RB0 QPSK High	0	-52.67	-53.76	1.09
	WWAN LTE Band 26 (22H) 10MHz 1RB0 QPSK High	1	-42.54	-42.82	0.28
	WWAN LTE Band 7 10MHz 1RB0 QPSK High	0	-54.01	-56.53	2.52
	WWAN LTE Band 12 10MHz 1RB0 QPSK Mid	1	-39.15	-40.39	1.24
	WWAN LTE Band 26 (90S) 5MHz 1RB0 QPSK High	0	-41.60	-43.00	1.40
	WWAN LTE Band 41 HPUE 10MHz 1RB0 QPSK High	0	-35.95	-36.53	0.58
	WWAN LTE Band 66 10MHz 1RB0 QPSK High	2	-36.74	-38.56	1.82
	NTN Band 23 1SC0 QPSK Mid	5	-56.32	-56.55	0.23
	NTN Band 255 1SC0 QPSK Low	5	-60.35	-60.76	0.41
	WWAN NR n2 20MHz 1RB1 BPSK High	2	-46.33	-48.55	2.22
	WWAN NR n26 (22H) 20MHz 1RB1 BPSK Mid	1	-40.21	-42.98	2.77
	WWAN NR n26 (90S) 15MHz 1RB1 BPSK Mid	1	-40.21	-42.27	2.06
	WWAN NR n7 20MHz 1RB1 BPSK Low	0	-44.55	-46.21	1.66
	WWAN NR n66 20MHz 1RB1 BPSK High	2	-39.99	-40.86	0.87
	WWAN NR n41 20MHz 1RB1 BPSK Low	2	-42.45	-45.22	2.77
	WWAN NR n77 HPUE (27O) 20MHz 1RB1 BPSK Mid	6	-41.90	-43.07	1.17
		2	-45.21	-45.93	0.72



Test Item	Mode	ANT	A4RGE1GQ Parent Worst Result	A4RG4H7L Variant Check Result	Difference (dB)
Radiated Spurious Emission (dBuV/m)	BT (BR 1Mbps CH78)	3	35.28	34.35	0.93
	BT EDR (EDR 3Mbps CH78)	4	48.24	47.61	0.63
	BLE (BLE 1Mbps CH19)	4	49.25	46.34	2.91
	BLE CS GFSK_DTS (2Mbps CH76)	3	49.20	46.39	2.81
	BLE CS ASK_FHSS (2Mbps CH76)	4	37.43	36.08	1.35
	WiFi 2.4GHz (11g CH13)	3+4	52.38	50.13	2.25
	WiFi 5GHz (HE80 CH171 Full RU)	3+4	67.02	64.20	2.82
	WiFi 6GHz (HE20 CH01 Full RU)	3+4	66.58	64.18	2.40

Note: BLE CS means BLE Channel Sounding

Conclusion:

Radiated spurious emission test against the variant model 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.

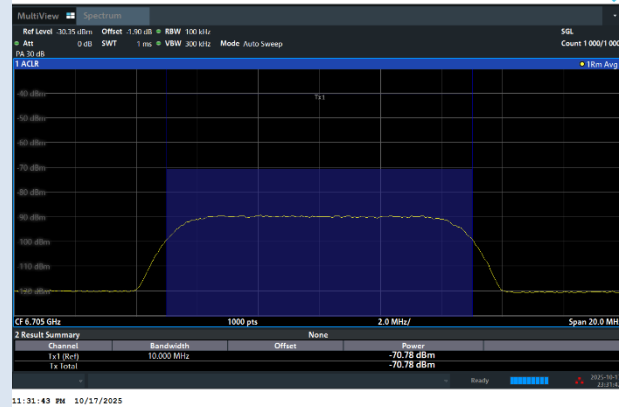
The spot check emission level is not degraded more than 3dB, and the margin to the limit is greater than 1.5dB, data referencing is justified according to the guidance in the KDB inquiry



Contention Based Protocol Spot Check Result Plots on U-NII 7 (AWGN Interference)

802.11ax (HE80) / 6705MHz (Middle)

Threshold Level (TL) = -70.78dBm

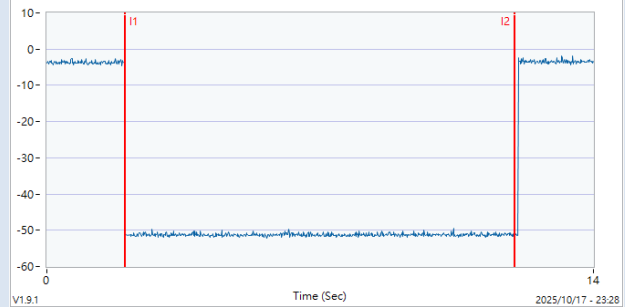


802.11ax (HE80) / CH143 (Middle)

Test result is pass due to no transmission

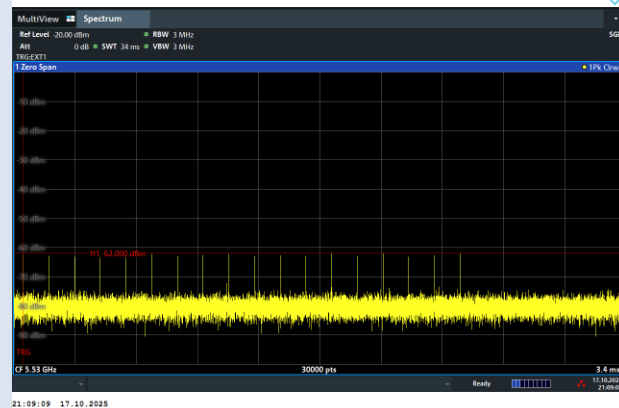
Contention Based Protocol - UNII 7, EUT-6705(BW80), SG-6705

Interference Signal (I1~I2), Starting At (I1): 2 Seconds.

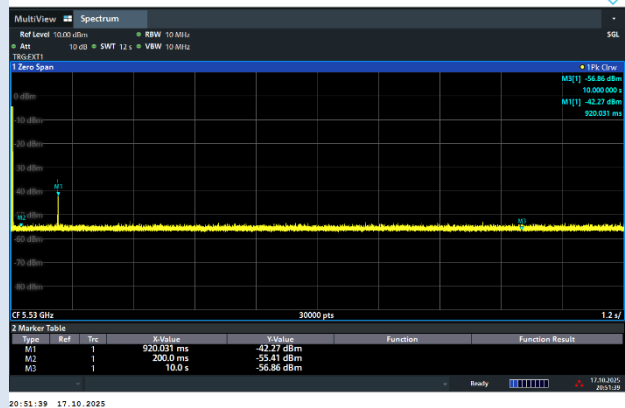


DFS Spot Check (80MHz / 5530MHz (CH106))

Radar Type 0 - Radar / DFS detection threshold level and the burst of pulses



Channel Move Time & Channel Closing Transmission Time



Note:

Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)

Channel Closing Transmission Time (200 + 0.04 ms) = 200 + Number (10) X Dwell (0.4 ms) < 260ms



4. Reference detail Section

Rule Part	Equipment Class	Wireless Technology	Rule Part & Frequency Band	Reference FCC ID (Parent)	Type Grant/ Permissive Change	Reference Exhibit	Full report referenced	FCC ID Filling (Variant)
15C	DXX	NFC	\$15.255 13.56MHz	A4RGE1GQ	Original Grant	GE1GQ_FCC Part15C NFC_Evaluation	Y	A4RG4H7L
15C	DSS	BT BR	\$15.247 2.4GHz	A4RGE1GQ	Original Grant	GE1GQ_FCC Part15C_BT BR	Y	A4RG4H7L
	DTS	BT EDR BLE	\$15.247 2.4GHz	A4RGE1GQ	Original Grant	GE1GQ_FCC Part15C BT EDR GE1GQ_FCC Part15C_BLE	Y	A4RG4H7L
	DSS	BLE CS ASK	\$15.247 2.4GHz	A4RGE1GQ	Original Grant	GE1GQ_FCC Part15C_BLE CS ASK	Y	A4RG4H7L
	DTS	BLE CS GFSK	\$15.247 2.4GHz	A4RGE1GQ	Original Grant	GE1GQ_FCC Part15C BLE CS GFSK	Y	A4RG4H7L
	DTS	WiFi	\$15.247 2.4GHz	A4RGE1GQ	Original Grant	GE1GQ_FCC Part15C_WLAN 2.4G	Y	A4RG4H7L
15E	NII	WiFi	\$15.407 5GHz	A4RGE1GQ	Original Grant	GE1GQ_FCC Part15E_Band 1-4 GE1GQ_FCC Part15E General DFS GE1GQ_FCC Part15E P2P DFS GE1GQ_FCC Part15E_UNII-4	Y	A4RG4H7L
	6CD	WiFi	\$15.407 6GHz	A4RGE1GQ	Original Grant	GE1GQ_FCC Part15E_Band 5, 7 Standard Client GE1GQ_FCC Part15E_Band 5-8 Indoor GE1GQ_FCC Part15E_Co-location	Y	A4RG4H7L
	6VL	WiFi	\$15.407 6GHz	A4RGE1GQ	Original Grant	GE1GQ_FCC Part15E_Band 5-8 VLP	Y	A4RG4H7L
22, 24, 25, 27, 90	PCE TNB	GSM	Part 22/24 850/1900	A4RGE1GQ	Original Grant	GE1GQ_FCC Part 22.24.27 GSM, WCDMA	Y	A4RG4H7L
		WCDMA	Part 22/24/27 Band II, IV, V	A4RGE1GQ	Original Grant	GE1GQ_FCC Part 22.24.27 GSM, WCDMA	Y	A4RG4H7L
		LTE	Part 22/24/27 2/4/5/7/12/17/ 26/38/41/66	A4RGE1GQ	Original Grant	GE1GQ_FCC Part22.24.27.90 LTE	Y	A4RG4H7L
		NTN	Part 25 B23/B255	A4RGE1GQ	Original Grant	GE1GQ_FCC Part25 NTN GE1GQ_FCC Part25 SCS	Y	A4RG4H7L
		NR	Part 22/24/27 n2/n5/n7/ n12/n26/n38 /n41/n66/ n77/n78	A4RGE1GQ	Original Grant	GE1GQ_FCC Part22.24.27.90 5G NR	Y	A4RG4H7L

Note: BLE CS means BLE Channel Sounding



5. List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LOOP Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9kHz~30MHz	Dec. 18, 2024	Sep. 15. 2025~ Sep. 22. 2025	Dec. 17, 2025	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Dec. 17, 2024	Sep. 15. 2025~ Sep. 22. 2025	Dec. 16, 2025	Radiation (03CH21-HY)
Horn Antenna	SCHWARZB ECK	BBHA 9120 D	9120D-1212	1GHz~18GHz	Mar. 27, 2025	Sep. 15. 2025~ Sep. 22. 2025	Mar. 26, 2026	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Sep. 15. 2025~ Sep. 22. 2025	Jul. 01, 2026	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	187282	30MHz~1GHz	Dec. 12, 2024	Sep. 15. 2025~ Sep. 22. 2025	Dec. 11, 2025	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 27, 2024	Sep. 15. 2025~ Sep. 22. 2025	Sep. 26, 2025	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Sep. 15. 2025~ Sep. 22. 2025	Aug. 25, 2026	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Sep. 09, 2025	Sep. 15. 2025~ Sep. 22. 2025	Sep. 08, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 05, 2025	Sep. 15. 2025~ Sep. 22. 2025	Mar. 04, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,804612/2,803954/2	30MHz~40GHz	Aug. 11, 2025	Sep. 15. 2025~ Sep. 22. 2025	Aug. 10, 2026	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2024	Sep. 15. 2025~ Sep. 22. 2025	Oct. 20, 2025	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 15. 2025~ Sep. 22. 2025	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Sep. 15. 2025~ Sep. 22. 2025	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Sep. 15. 2025~ Sep. 22. 2025	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Sep. 15. 2025~ Sep. 22. 2025	N/A	Radiation (03CH21-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	62028 & 003	30MHz~1GHz	Nov. 27, 2024	Sep. 15. 2025~ Sep. 22. 2025	Nov. 26, 2025	Radiation (03CH23-HY)
Amplifier	SONOMA	310N	421582	9kHz~1GHz	Jul. 13, 2025	Sep. 15. 2025~ Sep. 22. 2025	Jul. 12, 2026	Radiation (03CH23-HY)
Amplifier	EMEC	EM01G18GA	060878	N/A	Sep. 27, 2024	Sep. 15. 2025~ Sep. 22. 2025	Sep. 26, 2025	Radiation (03CH23-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	KV2D06A18E S	1GHz~18GHz	Oct. 25, 2024	Sep. 15. 2025~ Sep. 22. 2025	Oct. 24, 2025	Radiation (03CH23-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA 9170	1230	18GHz~40GHz	Oct. 25, 2024	Sep. 15. 2025~ Sep. 22. 2025	Oct. 24, 2025	Radiation (03CH23-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Sep. 15. 2025~ Sep. 22. 2025	Aug. 25, 2026	Radiation (03CH23-HY)
Signal Analyzer	Keysight	N9010B	MY62170337	N/A	Aug. 26, 2025	Sep. 15. 2025~ Sep. 22. 2025	Aug. 25, 2026	Radiation (03CH23-HY)
Hygrometer	TECPEL	DTM-303B	TP211542	N/A	Oct. 21, 2024	Sep. 15. 2025~ Sep. 22. 2025	Oct. 20, 2025	Radiation (03CH23-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 15. 2025~ Sep. 22. 2025	N/A	Radiation (03CH23-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Sep. 15. 2025~ Sep. 22. 2025	N/A	Radiation (03CH23-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Sep. 15. 2025~ Sep. 22. 2025	N/A	Radiation (03CH23-HY)
Software	Audix	E3 6.09824_201912 2	RK-002348	N/A	N/A	Sep. 15. 2025~ Sep. 22. 2025	N/A	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804395/2	N/A	Nov. 26, 2024	Sep. 15. 2025~ Sep. 22. 2025	Nov. 25, 2025	Radiation (03CH23-HY)
RF Cable	EMC	EMC101Y	231115/231119 /231122	N/A	Nov. 26, 2024	Sep. 15. 2025~ Sep. 22. 2025	Nov. 25, 2025	Radiation (03CH23-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 01, 2024	Sep. 22, 2025~ Sep. 29, 2025	Oct. 30, 2025	Conducted (TH05-HY)
USB Power Sensor	DARE	RPR3008W	RPR8W- 23010013 (NO:100)	10MHz~8GHz	Jul. 18, 2025	Sep. 22, 2025~ Sep. 29, 2025	Jul. 17, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 29, 2025	Sep. 22, 2025~ Sep. 29, 2025	Aug. 28, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900157 (BOX6)	N/A	Feb. 10, 2025	Sep. 22, 2025~ Sep. 29, 2025	Feb. 09, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_v rsion_240513	N/A	Conducted Other Test Item	N/A	Sep. 22, 2025~ Sep. 29, 2025	N/A	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101329	9kHz~30GHz	Sep. 25, 2024	Aug. 18, 2025~ Aug. 25, 2025	Sep. 24, 2025	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V ; 0A~6A	Nov. 27, 2024	Aug. 18, 2025~ Aug. 25, 2025	Nov. 26, 2025	Conducted (TH03-HY)
Base Station (Measure)	Rohde & Schwarz	CMU200	117995	GSM / GPRS / WCDMA / CDMA	Aug. 14, 2025	Aug. 18, 2025~ Aug. 25, 2025	Aug. 13, 2026	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC	Oct. 01, 2024	Sep. 22, 2025~ Sep. 29, 2025	Sep. 30, 2025	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	6262012917	FR1	Jul. 04, 2025	Sep. 22, 2025~ Sep. 29, 2025	Jul. 03, 2026	Conducted (TH03-HY)
Signal Generator	Keysight	N5182B	MY57280013	9kHz~6GHz	Mar. 08, 2025	Oct. 17, 2025	Mar. 07, 2026	DFS (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101550	10Hz~13.6GHz	Jan. 13, 2025	Oct. 17, 2025	Jan. 12, 2026	DFS (DF02-HY)
Power Divider	MTJ	SMA 2Way Power Divider	MD10003	0.5GHz-8GHz	Aug. 13, 2025	Oct. 17, 2025	Aug. 12, 2026	DFS (DF02-HY)
Power Divider	MTJ	SMA 2Way Power Divider	MD10007	0.5GHz-8GHz	Aug. 13, 2025	Oct. 17, 2025	Aug. 12, 2026	DFS (DF02-HY)
Power Divider	MTJ	SMA 2Way Power Divider	MD10011	0.5GHz-6GHz	Aug. 13, 2025	Oct. 17, 2025	Aug. 12, 2026	DFS (DF02-HY)
Power Divider	MCLI	PS4-16	25142	4Way: 0.5-18GHz	Aug. 13, 2025	Oct. 17, 2025	Aug. 12, 2026	DFS (DF02-HY)
Coupler	MVE	MVE4816-10	A800044	0.5-18GHz	Aug. 13, 2025	Oct. 17, 2025	Aug. 12, 2026	DFS (DF02-HY)
RF Cable	E-Instument	SS405	SS405-150cm- #15	0.5-18GHz	Aug. 13, 2025	Oct. 17, 2025	Aug. 12, 2026	DFS (DF02-HY)
Software 1	Sporton	DFS & Adaptivity Tools	N/A	Ver 1.0	NCR	Oct. 17, 2025	NCR	DFS (DF02-HY)
Software 2	Keysight	Keysight Signal Studio for DFS Radar Profiles	N/A	Ver 1.5.5.0	NCR	Oct. 17, 2025	NCR	DFS (DF02-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Signal Generator (Interferer)	Rohde & Schwarz	SMW200A	109425	100kHz~7.5GHz z	Jan. 15,2025	Oct. 17,2025	Jan. 14,2026	CBP (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101549	10Hz~13.6GHz	Jan. 20,2025	Oct. 17,2025	Jan. 19,2026	CBP (DF02-HY)
Power Divider	Woken	3Way SMA Power Divider Rated to 20W	ST108-0010(#4)	2GHz-8GHz	Jul. 15, 2025	Oct. 17,2025	Jul. 14, 2026	CBP (DF02-HY)
Power Divider	MVE	MVE8546	A300458	2Way 0.5-6GHz	Jul. 15, 2025	Oct. 17,2025	Jul. 14, 2026	CBP (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A 1	0.5GHz-18GHz	Jul. 15, 2025	Oct. 17,2025	Jul. 14, 2026	CBP (DF02-HY)
Coupler	Woken	10dB 30W SMA	DOM5CIW3A1	0.5-18GHz	Jul. 15, 2025	Oct. 17,2025	Jul. 14, 2026	CBP (DF02-HY)
Software 1	Sporton	Adaptivity Test Tools	N/A	Ver 1.9.2	NCR	Oct. 17,2025	NCR	CBP (DF02-HY)

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Appendix B. Reference model reports