

Request Letter

Subject:

Reuse the test data of authorized equipment (FCC ID: U4GDL36WF, M/N: DL36WF, Original Grant Date: 02/23/2023)

Applicant: Datalogic S.r.l.

Dear Sirs,

This is to request for reuse the test data of authorized device (FCC ID: U4GDL36WF, Original Grant Date: 02/23/2023).

For new device (FCC ID: U4GDL36LT, M/N: DL36LT), their differences are as follows.

The two versions share the same main board, the same housing, the same reader, the same WIFI / BT / NFC chipset and antenna. RF regulatory parameter contained in the SW are also the same. DL36WF remove LTE chipset based on DL36LT, the locations of the components are reserved, no change PCB layout.

According to the declaration above, this new device will reuse the test data of the original device. Spot checks were performed according to KDB 484596 D01v01, details of reuse data refer to table as below.

Frequency and Part Rules	Test Items of FCC Part Rule	Original report No.	New report No.	Spot check message
2402~2480MHz Part 15.247	6dB Bandwidth	2209RSU002-U1	2209RSU001-U1	Reuse
	Output Power			Verify, detail spot check information refer to page 2 of the related test report
	Power Spectral Density			Reuse
	Band Edge / Out-of-Band Emissions			Reuse
	Radiated Spurious Emission			Verify, detail spot check information refer to page 2 of the related test report
	Radiated Band Edge			Verify, detail spot check information refer to page 2 of the related test report
	AC Conducted Emissions 150kHz - 30MHz			Reuse
2402~2480MHz 2412~2462MHz Part 15.247	6dB Bandwidth	2209RSU002-U2, 2209RSU002-U3	2209RSU001-U2, 2209RSU001-U3	Reuse
	Output Power			Verify, detail spot check information refer to page 2 of the related test report
	Power Spectral Density			Reuse
	Band Edge / Out-of-Band Emissions			Reuse
	Radiated Spurious Emission			Verify, detail spot check information refer to page 2 of the related test report
	Radiated Band Edge			Verify, detail spot check information refer to page 2 of the related test report
	AC Conducted Emissions 150kHz - 30MHz			Reuse

Frequency and Part Rules	Test Items of FCC Part Rule	Original report No.	New report No.	Spot check message
5180~5320MHz, 5500~5720MHz, 5745~5825MHz Part 15.407	6dB Bandwidth	2209RSU002-U4, 2209RSU002-U5	2209RSU001-U4, 2209RSU001-U5	Reuse
	Output Power			Verify, detail spot check information refer to page 2 of the related test report
	Power Spectral Density			Reuse

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	Band Edge / Out-of-Band Emissions			Reuse
	Radiated Spurious Emission			Verify, detail spot check information refer to page 2 of the related test report
	Radiated Band Edge			Verify, detail spot check information refer to page 2 of the related test report
	DFS			Reuse
	AC Conducted Emissions 150kHz - 30MHz			Reuse
13.56MHz Part 15.247	In-Band Emission	2209RSU002-U6	2209RSU001-U6	Verify, detail spot check information refer to page 2 of the related test report
	Out-Band Emission			Verify, detail spot check information refer to page 2 of the related test report
	20dB Bandwidth			Reuse
	Frequency Stability Tolerance			Reuse
	AC Conducted Emissions 150kHz - 30MHz			Reuse
Result: All verified result is less than the original data.				

If you have any questions regarding this application, please feel free to contact me.
Sincerely,

Ruggero Cacioppo

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Datalogic S.r.l.
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