



SPOT CHECK EVALUATION

FCC ID : KR5PPE1B
Equipment : Radio Frequency Bidirectional Key
Brand Name : Continental
Model Name : PPE1B
Applicant : Continental Automotive GmbH
Siemensstrasse 12, 93055, Regensburg,
Germany
Manufacturer : Continental Automotive GmbH
Siemensstrasse 12, 93055, Regensburg,
Germany
Factory : Continental Automotive Lithuania UAB
DAVALGONIUS STR. 12, SERGEICIKU I K.,
KARMELAVOS SEN., KAUNAS REGION
54462, LITHUANIA
Standard : FCC Part 15 Subpart C §15.231

The product was received on Oct. 12, 2021 and testing was started from Oct. 28, 2021 and completed on Oct. 28, 2021. 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



Sporton International Inc. EMC & Wireless Communications Laboratory
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1. Introduction Section

Continental, hereby declares that the SRD hardware and digital circuit of KR5PPE1B are identical to KR5PPE1C.

Therefore the following report of KR5PPE1C may be used as reference test data for KR5PPE1B, along with the spot check verification data following the FCC KDB 484596 D01 v01.

The applicant should take full responsibility that the test data as referenced in this report represent compliance for this FCC ID: KR5PPE1B.



2. Difference Section

Difference between KR5PPE1C and KR5PPE1B:

Continental declares that KR5PPE1B does not support UWB. All UWB-related components have been deprecated. There is no difference between KR5PPE1C and KR5PPE1B in terms of SRD.



3. Spot Check Verification Data Section

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. Detail spot check test result can be found in the variant model report, please refer to detail section table in section 4.

Summary of the spot check:

Test Item	Mode	KR5PPE1C Worst Result	KR5PPE1B Worst Result	Difference (dB)
Field Strength of Fundamental Emissions (dBuV/m)	433.47 MHz Tx	77.51	77.90	-0.39
Field Radiated Spurious Emissions (dBuV/m)	433.47 MHz Tx	38.15	35.89	-2.26



4. Reference detail Section

Rule Part	Equipment Class	Wireless Technology	Frequency Band (MHz)	Original FCC ID	Original Report
15.231	DSC	SRD	433MHz	KR5PPE1C	Part 15.231 (FR1O1258A)



5. Equipment List

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 28, 2021	Oct. 28, 2021	Apr. 27, 2022	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2020	Oct. 28, 2021	Nov. 30, 2021	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 04, 2021	Oct. 28, 2021	Jan. 03, 2022	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 22, 2021	Oct. 28, 2021	Apr. 21, 2022	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 04, 2021	Oct. 28, 2021	Oct. 03, 2022	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Jul. 22, 2021	Oct. 28, 2021	Jul. 21, 2022	Radiation (03CH07-HY)
Filter	Microwave	H1G013G1	SN477215	1GHz High Pass Filter	Oct. 31, 2020	Oct. 28, 2021	Oct. 30, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682-4	30MHz to 18GHz	Feb. 24, 2021	Oct. 28, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971-4	9kHz to 18GHz	Feb. 24, 2021	Oct. 28, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655-4	9kHz to 18GHz	Feb. 24, 2021	Oct. 28, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 17, 2021	Oct. 28, 2021	Sep. 16, 2022	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Oct. 28, 2021	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Oct. 28, 2021	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Oct. 28, 2021	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Oct. 28, 2021	N/A	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	N/A	N/A	N/A	Oct. 28, 2021	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 09, 2021	Oct. 28, 2021	Mar. 08, 2022	Radiation (03CH07-HY)