



INFO-LETTER - AUSGABE 1

SEKTORKOMITEE TELEKOMMUNIKATION (TK)

Der Info-Letter informiert über wichtige Themen sowohl verfahrenstechnischer als auch fachlicher Art, die während einer Begutachtung für TK- Prüflaboratorien von Relevanz sind. Der Info-Letter wird in unregelmäßigen Abständen herausgegeben und richtet sich an TK-Prüflaboratorien und Begutachter gleichermaßen.



INHALT

AUSLÄNDISCHE
ANFORDERUNG:

URKUNDENANLAGE
FCC

HERAUSGEBER:

Sektorkomitee
Telekommunikation

Kontakt:

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Urkundenanlagenmuster FCC

Anmerkungen:

- 1 Das Urkundenanlagenmuster enthält 18 Zeilen. Jede Zeile entspricht einem „Scope“. Alle in einem Scope genannten „Parts“ müssen beherrscht werden, um für diesen Scope an die FCC gemeldet werden zu können.
- 2 Für die in dem Urkundenanlagenmuster genannten Standards ist keine flexible Akkreditierung möglich (wird von FCC nicht anerkannt).
- 3 Die in dem Urkundenanlagenmuster genannten KDBs gelten tagesaktuell.
- 4 Die Angabe der maximal möglichen Frequenz in Spalte 4 bezieht sich auf diejenige Frequenz, bis zu der das Prüflabor messen kann. Es ist eine laborspezifische, individuelle Angabe und hier nur beispielhaft angeführt.
- 5 In der Datenbank der FCC werden in der “OET [Office of Engineering and Technology] Accredited Test firm scope List” die jeweiligen Scopes eines jeden von der FCC anerkannten Prüflabors öffentlich angezeigt. Die Angaben entsprechen exakt denen der in der Urkundenanlagenmuster gezeigten Daten einschließlich der laborspezifischen maximalen Frequenz für den jeweiligen Scope.
- 6 Alle Daten im Urkundenanlagenmuster sind beispielhaft. Es gelten die Daten, wie sie in der zugrundeliegenden FCC KDB 974614 in der jeweiligen aktuellen Fassung enthalten sind.

Quellen:

Datenbank der FCC („Equipment Authorization System Test Firm Search“) [Country = Germany]

<https://apps.fcc.gov/oetcf/eas/reports/TestFirmSearch.cfm>

FCC KDB 974614

https://apps.fcc.gov/kdb/GetAttachment.html?id=RCAyOX21nXpl%2BM4BURZD%2FA%3D%3D&desc=974614%20D01%20Accredited%20Test%20Lab%20Roles%20and%20Resp%20v05&tracking_number=44684

oder via

<https://apps.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm%3Fswitch=P&id=44684>

Section	Scope	Test Method(s)	Frequency (max. assessed)
USA	Unintentional Radiators (FCC Part 15, Subpart B)	ANSI C 63.4-2014 American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	40 GHz
USA	Industrial, Scientific, and Medical Equipment (FCC Part 18) <ul style="list-style-type: none">Consumer ISM equipment	FCC MP-5:1986-02 FCC Methods of Measurements of Radio Noise Emissions from Industrial, Scientific, and Medical Equipment	40 GHz
USA	Intentional Radiators (FCC Part 15 Subpart C)	ANSI C 63.10-2013 American National Standard for Testing of Unlicensed Wireless Devices	110 GHz
USA	UPCS (FCC Part 15, Subpart D) <ul style="list-style-type: none">Unlicensed Personal Communication Systems devices	ANSI C 63.17-2013 American National Standard - Methods of Measurement of the Electromagnetic and Operational Compatibility of Unlicensed Personal Communications Services (UPCS) Devices	40 GHz
USA	U-NII without DFS Intentional Radiators (FCC Part 15, Subpart E) <ul style="list-style-type: none">Unlicensed National Information Infrastructure Devices (U-NII Devices without DFS)	ANSI C 63.10-2013 American National Standard for Testing of Unlicensed Wireless Devices in combination with KDB Publication 789033	40 GHz

Section	Scope	Test Method(s)	Frequency (max. assessed)
USA	U-NII with DFS Intentional Radiators (FCC Part 15, Subpart E) <ul style="list-style-type: none"> ▪ Unlicensed National Information Infrastructure (U-NII) Devices with Dynamic Frequency Selection (DFS) 	FCC KDB Publication 905462 D02 UNII DFS Compliance Procedures New Rules v02 (April 8, 2016)	40 GHz
USA	UWB Intentional Radiators (FCC Part 15, Subpart F) <ul style="list-style-type: none"> ▪ Ultra-wideband Operation 	ANSI C 63.10-2013 American National Standard for Testing of Unlicensed Wireless Devices	110 GHz
USA	BPL Intentional Radiators (FCC Part 15, Subpart G) <ul style="list-style-type: none"> ▪ Access Broadband over Power Line (Access BPL) 	ANSI C 63.10-2013 American National Standard for Testing of Unlicensed Wireless Devices	40 GHz
USA	White Space Device Intentional Radiators (FCC Part 15, Subpart H) <ul style="list-style-type: none"> ▪ White Space Devices 	ANSI C 63.10-2013 American National Standard for Testing of Unlicensed Wireless Devices	40 GHz
USA	Commercial Mobile Services (FCC Licensed Radio Service Equipment) <ul style="list-style-type: none"> ▪ Part 22 (cellular) ▪ Part 24 ▪ Part 25 (below 3 GHz) ▪ Part 27 	ANSI/TIA-603-E-2016 [1] or ANSI/TIA-102.CAAA-E-2016 [1] or ANSI C63.26-2015 Land Mobile FM or PM Communications Equipment Measurement and Performance Standards in combination with KDB Publication 971168	110 GHz

Section	Scope	Test Method(s)	Frequency (max. assessed)
USA	General Mobile Radio Services (FCC Licensed Radio Service Equipment) <ul style="list-style-type: none"> ▪ Part 22 (non-cellular) ▪ Part 90 (below 3 GHz) ▪ Part 95 ▪ Part 97 (below 3 GHz) ▪ Part 101(below 3 GHz)) 	ANSI/TIA-603-E-2016 [1] or ANSI/TIA-102.CAAA-E-2016 [1] or ANSI C63.26-2015 Land Mobile FM or PM Communications Equipment Measurement and Performance Standards	110 GHz
USA	Citizens Broadband Radio Services (FCC Licensed Radio Service Equipment) <ul style="list-style-type: none"> ▪ Part 96 	ANSI/TIA-603-E-2016 [1] or ANSI/TIA-102.CAAA-E-2016 [1] or ANSI C63.26-2015 Land Mobile FM or PM Communications Equipment Measurement and Performance Standards in combination with KDB Publication 971168; in combination with KDB Publication 940660	200 GHz
USA	Maritime and Aviation Radio Services (FCC Licensed Radio Service Equipment) <ul style="list-style-type: none"> ▪ Part 80 ▪ Part 87 	ANSI/TIA-603-E 2016 [1] or ANSI C63.26-2015 Land Mobile FM or PM Communications Equipment Measurement and Performance Standards	200 GHz
USA	Microwave and Millimeter Wave Bands Radio Services (FCC Licensed Radio Service Equipment) <ul style="list-style-type: none"> ▪ Part 25 ▪ Part 30 ▪ Part 74 ▪ Part 90 (M DSRC, Y, Z) ▪ Part 95 (M and L) ▪ Part 101 	ANSI/TIA-603-E-2016 [1] or ANSI/TIA-102.CAAA-E-2016 [1] or ANSI C63.26-2015 Land Mobile FM or PM Communications Equipment Measurement and Performance Standards in combination with KDB Publication 653005	200 GHz

Section	Scope	Test Method(s)	Frequency (max. assessed)
USA	Broadcast Radio Services (FCC Licensed Radio Service Equipment) <ul style="list-style-type: none"> ▪ Part 73 ▪ Part 74 (below 3 GHz) 	ANSI/TIA-603-E-2016 [1] or ANSI/TIA-102.CAAA-E-2016 [1] or ANSI C63.26-2015 Land Mobile FM or PM Communications Equipment Measurement and Performance Standards	200 GHz
USA	RF Exposure <ul style="list-style-type: none"> ▪ Devices subject to SAR requirements 	IEEE Std 1528™-2013 IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques in combination with KDB Publication 865664 and in combination with KDB Publication 447498	6 GHz
USA	Hearing Aid Compatibility (Part 20) <ul style="list-style-type: none"> ▪ HAC for Commercial mobile services 	ANSI C 63.19-2011 [2] American National Standard for Methods of Measurement of Compatibility between Wireless Communication Devices and Hearing Aids	6 GHz
USA	Signal Boosters (Part 20) <ul style="list-style-type: none"> ▪ Wideband Consumer signal boosters ▪ Provider-specific signal boosters ▪ Industrial signal boosters Signal Boosters (Section 90.219)	ANSI C63.26-2015 in combination with KDB Publication 935210 D03, D04 and D05 [3]	200 GHz

[1] ANSI/TIA-603-D-2010 or ANSI/TIA-102.CAAA-D-2013 may continue to be used until the end of the transition period which is two years from the date of the publication of this KDB.

[2] ANSI C63.19-2007, *American National Standard for Methods of Measurement of Compatibility Between Wireless Communication Devices and Hearing Aids* may be used for HAC testing until August 28, 2018 per FCC 17-135.

[3] For Signal Boosters (Part 20) accreditation is required for Commercial Mobile Services (FCC Licensed Radio Service Equipment) and for Signal Boosters (Section 90.219) accreditation is required for General Mobile Radio Services (FCC Licensed Radio Service Equipment).