VDE ITG WORKSHOP FÜR "ANTENNENKONZEPTE FÜR 3D NETZE DER ZUKUNFT"

5G, 5G-ADVANCED AND THE TRANSITION TO 6G

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ROHDE&SCHWARZ

Make ideas real



FIRST OF ALL: TIMELINES FUTURE STANDARDIZATION AND REGULATORY ROADMAP



TIMELINES IS THIS THE RIGHT TIME TO TALK ABOUT 6G? YES!



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DEMONSTRATED OUR (SUB-)THz PORTFOLIO AT MWC 2023 IN BARCELONA AND AT IMS 2023



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OUR R&S®FE170 FRONTENDS FOR D-BAND WILL BE INTEGRATED WITH OUR MMWAVE CHAMBERS



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Trends TOWARDS HIGHER FREQUENCIES

► Latest ITU filing by SpaceX for 29.988 satellites in D-band



Ku band	10.7-12.75	12.75-13.25	FSS
		13.75-14.0	
		14.0-14.5	
		14.5-14.8	
		17.3-18.1	
Ka Band	17.7-21.2	27-31	FSS /MS
Q/V Band	37.5-43.5	47.2-50.2	FSS
		50.4-51.4	
E Band	71-76	81-86	FSS
D Band	123-130	Please see comment.	FSS
	158.5 to 164		
	167 to 174.5		

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THANK YOU!

"No one can whistle a symphony. It takes a whole orchestra to play it." Halfrod E. Luccock (1885-1960)

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