

AT&T Labs has multiple tests configured in different frequency bands under the current KM2XBI license and some test items are pending to the modified KM2XBI license. Testbeds are either already set up and operating or are scheduled to be built in 2022 and thereafter.

The following frequencies are being utilized and will need to be kept. Rather than testing nationwide, AT&T Labs testbeds are configured at 3 test station locations in Texas. These are 2 locations in Austin [Arboretum (NL 30-23-28; WL 97-45-05) and Spectrum Dr (NL 30-28-47; WL 97-46-49)] and Plano (NL 33-00-32; WL 96-45-32).

**1. Keep**

Frequency	Station Class	Emission Designator	Authorized Power	Current and Future Use
698-746 MHz	FX	10M0D7W	1.5 kW (ERP)	committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations in 2022
747-758 MHz	MO	10M0D7W	100 W (ERP)	committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations in 2022
777-788 MHz	MO	10M0D7W	100 W (ERP)	committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations in 2022
824-894 MHz	FX	10M0D7W	1.5 kW (ERP)	committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations in 2022
930-931 MHz	MO	10M0D7	100 W (ERP)	committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations in 2022
930-931 MHz	FX	10M0D7	1.5 kW (ERP)	committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations in 2022
940-952 MHz	FX	10M0D7W	100 W (ERP)	committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations in 2022
940-952 MHz	MO	10M0D7W	1 kW (ERP)	committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations in 2022
2500-2690 MHz	MO	10M0D7W	100 W (ERP)	committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations in 2022

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2500-2690 MHz	FX	10M0D7W	1.5 kW (ERP)	committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations in 2022
3700-4200 MHz	MO	10M0D7W	100 W (ERP)	In 2021-2022 RAN vendor testbeds – C-band spectrum coexistence investigations
3700-4200 MHz	FX	10M0D7W	1.2 kW (ERP)	In 2021-2022 RAN vendor testbeds – C-band spectrum coexistence investigations
5925-6425 MHz	MO	10M0D7W	100 W (ERP)	pending tests in 6GHz Wi-Fi 6E w/ 6GHz interference studies
5925-6425 MHz	FX	10M0D7W	1.2 kW (ERP)	pending tests in 6GHz Wi-Fi 6E w/ 6GHz interference studies
27500-28350 MHz	MO	10M0D7W	100 W (ERP)	In 2021-2022 RAN vendor testbeds – advanced feature testing
27500-28350 MHz	FX	10M0D7W	1.5 kW (ERP)	In 2021-2022 RAN vendor testbeds – advanced feature testing
37000-40000 MHz	FX	3G00GXW	1 kW (ERP)	In 2021-2022 RAN vendor testbeds – C-band spectrum coexistence investigations
37000-40000 MHz	MO	3G00GXW	100 W (ERP)	In 2021-2022 RAN vendor testbeds – C-band spectrum coexistence investigations
3400-3600 MHz	FX	10M0F9W	35 W (ERP)	In 2021-2022 RAN vendor testbeds – CBRS performance testing and spectrum sharing investigations
2500-2690 MHz	MO	10M0W9W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
2500-2690 MHz	MO	15M0W9W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
2500-2690 MHz	MO	20M0W9W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
2500-2690 MHz	MO	60M0W9W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations

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2500-2690 MHz	MO	40M0W7W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
2500-2690 MHz	MO	60M0W7W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
2500-2690 MHz	FX	10M0W9W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
2500-2690 MHz	FX	15M0W9W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
2500-2690 MHz	FX	20M0W9W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
2500-2690 MHz	FX	60M0W9W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
2500-2690 MHz	FX	20M0W7W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
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2500-2690 MHz	MO	60M0W9W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
2500-2690 MHz	MO	20M0W7W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
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2500-2690 MHz	FX	15M0W9W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
2500-2690 MHz	FX	20M0W9W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
2500-2690 MHz	FX	60M0W9W	50.1 W (ERP)	AT&T plans to test starting in 2022; committed to conduct Proof of Concept trials essential to identify the technologies, use cases, and innovations
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2. The following frequencies/bands can be removed from the KM2XBI license.

Frequency	Station Class	Emission Designator	Authorized Power
47-49.6 MHz	FX	10MOD7W	1.5 kW (ERP)
1670-1675 MHz	FX	10MOD7W	1 kW (ERP)
1850-1910 MHz	MO	10MOD7W	100 W (ERP)
1850-1910 MHz	FX	10MOD7W	1.5 kW (ERP)
1930-1990 MHz	MO	10MOD7W	100 W (ERP)
1930-1990 MHz	FX	10MOD7W	1.5 kW (ERP)
2110-2200 MHz	MO	10MOD7W	100 W (ERP)
2110-2200 MHz	FX	10MOD7W	1.5 kW (ERP)
10700-11700 MHz	FX	10MOD7W	600 W (ERP)
10700-11700 MHz	MO	10MOD7W	100 W (ERP)
40500-42400 MHz	MO	10MOD7W	100 W (ERP)
40500-42400 MHz	FX	10MOD7W	1 kW (ERP)
2345-2360 MHz	FX	10MOD7W	25 W (ERP)
1710-1750 MHz	MO	60MOD7W	2.4 W (ERP)
1710-1750 MHz	FX	60MOD7W	6.1 W (ERP)
2110-2155 MHz	MO	60MOD7W	6.1 W (ERP)
2110-2155 MHz	FX	60MOD7W	6.1 W (ERP)
5.725-5.825 GHz	MO	60MOD7W	2.4 W (ERP)
5.725-5.825 GHz	FX	60MOD7W	2.4 W (ERP)
1710-1750 MHz	FX	60MOD7W	2.4 W (ERP)
1710-1750 MHz	MO	60MOD7W	2.4 W (ERP)
2110-2155 MHz	FX	60MOD7W	6.1 W (ERP)
2110-2155 MHz	MO	60MOD7W	6.1 W (ERP)
5.725-5.825 GHz	FX	60MOD7W	2.4 W (ERP)
5.725-5.825 GHz	MO	60MOD7W	2.4 W (ERP)