

Now Testing...

LITEPOINT

A Teradyne Company

IEEE 802.11be Extremely High Throughput (EHT)

Targeted for High Throughput Low Latency Applications: virtual reality, augmented reality, gaming, remote office and cloud computing

Wi-Fi 7

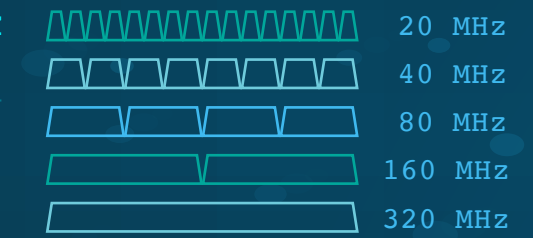


Legacy Preamble EHT Preamble Data



EHT Frame Format with Universal SIG

320 MHz Channel



U-NII-5										U-NII-6					U-NII-7					U-NII-8																																																
5935	5955	5975	5995	6015	6035	6055	6075	6095	6115	6135	6155	6175	6195	6215	6235	6255	6275	6295	6315	6335	6355	6375	6395	6415	6435	6455	6475	6495	6515	6535	6555	6575	6595	6615	6635	6655	6675	6695	6715	6735	6755	6775	6795	6815	6835	6855	6875	6895	6915	6935	6955	6975	6995	7015	7035	7055	7075	7095	7115									
1	5	9	13	17	21	25	29	33	37	41	45	49	53	57	61	65	69	73	77	81	85	89	93	97	101	105	109	113	117	121	125	129	133	137	141	145	149	153	157	161	165	169	173	177	181	185	189	193	197	201	205	209	213	217	221	225	229	233										
3	11	19	27	35	43	51	59	67	75	83	91	99	107	115	123	131	139	147	155	163	171	179	187	195	203	211	219	227																																								
7	23	39	55	71	87	103	119	135	151	167	183	199	215																																																							
15	47	79	111	143	175	207																																																														
31	95	159																																																																		
63	127	191																																																																		

Wi-Fi Channel Assignments
Center Frequency (MHz)

- 20 MHz Channels
- 40 MHz Channels
- 80 MHz Channels
- 160 MHz Channels
- 320 MHz Channels

Key Features

- 320 MHz Channel Bandwidth** - doubles PHY data rate
- 4096 QAM** - increases PHY data rate by 20%
- Multi-Link Operation (MLO)** - for increased throughput, reliability & reduced latency
- 16 Spatial Streams** - for up to 16x16 MIMO
- OFDMA Multi-RU to Single STA** - for improved scheduling efficiency
- Preamble Puncturing** - for interference avoidance

