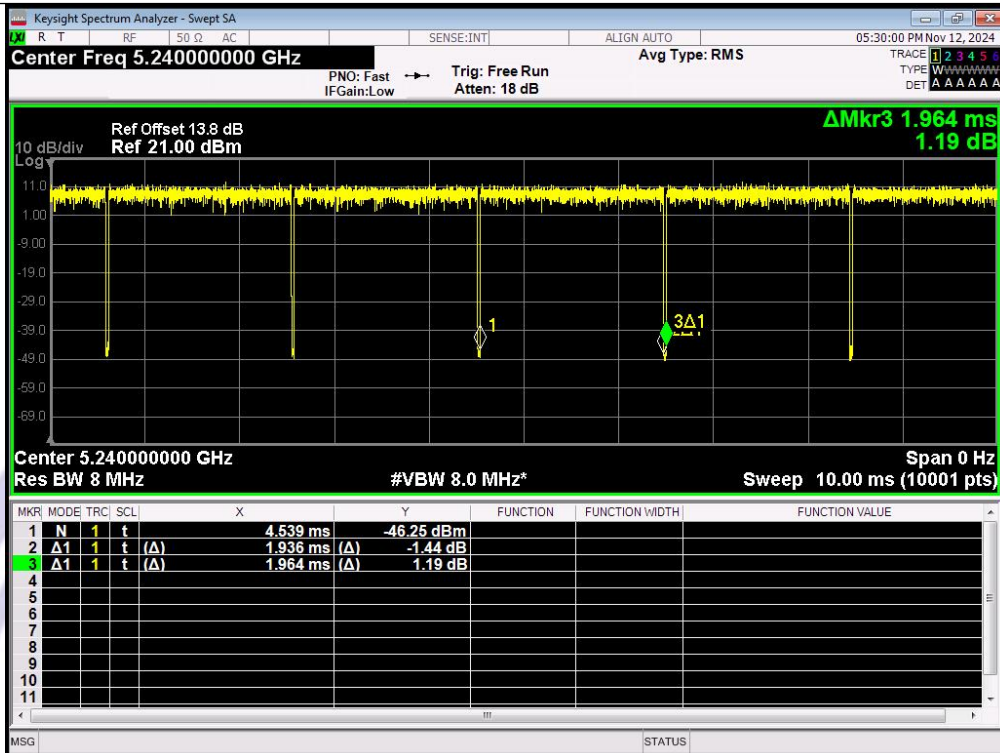
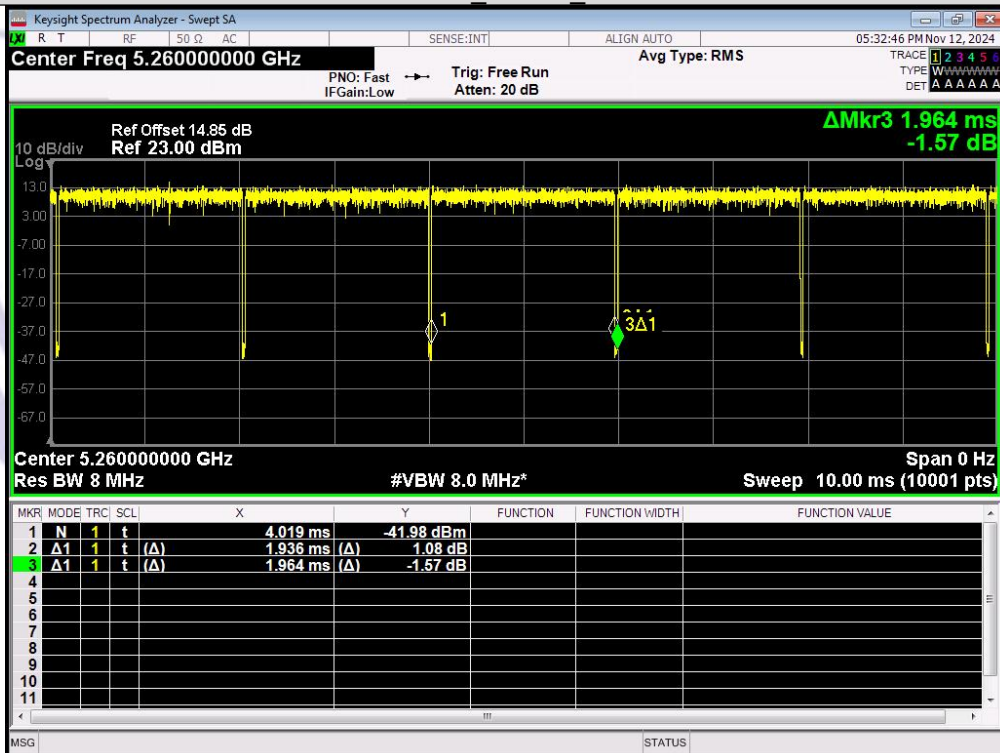
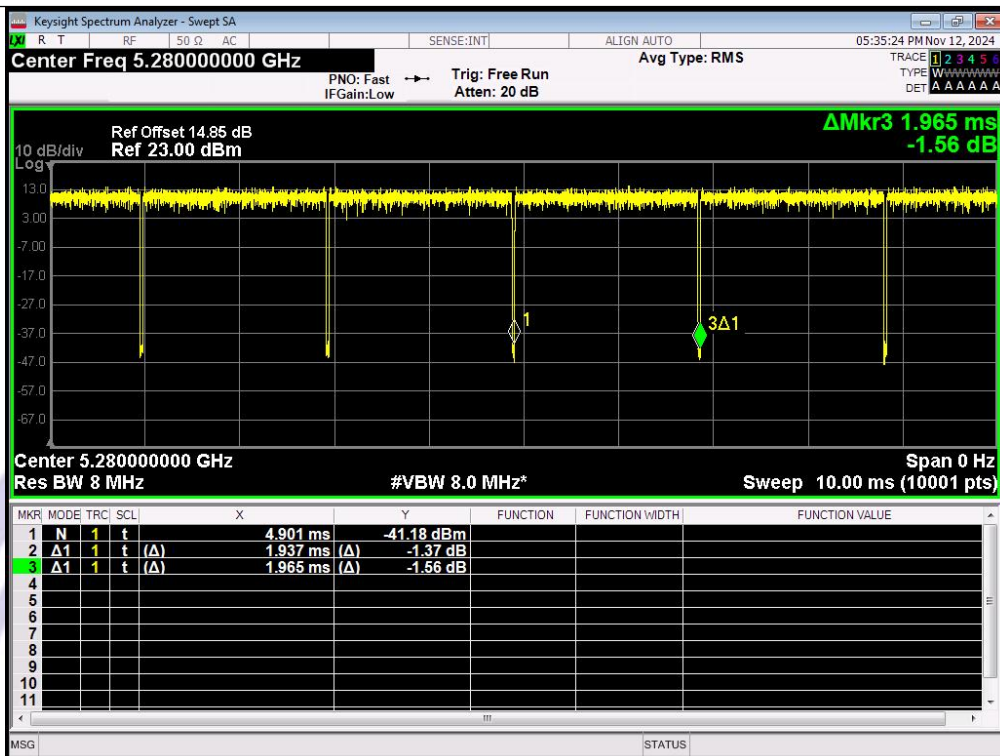




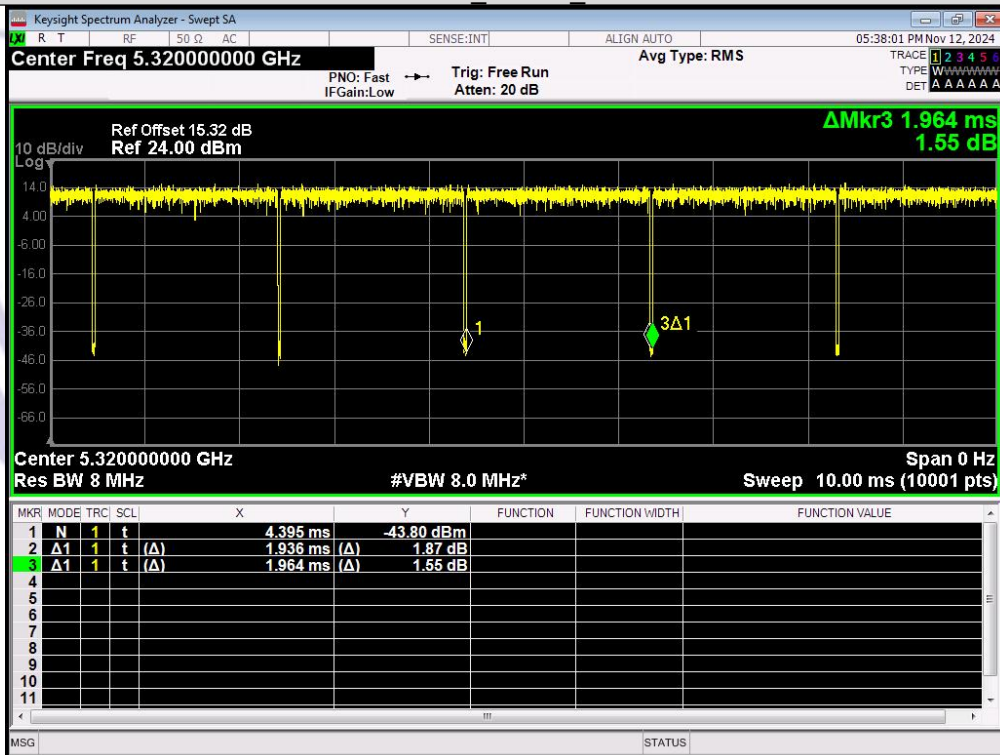
IEEE 802.11ac_20MHz_Channel 48



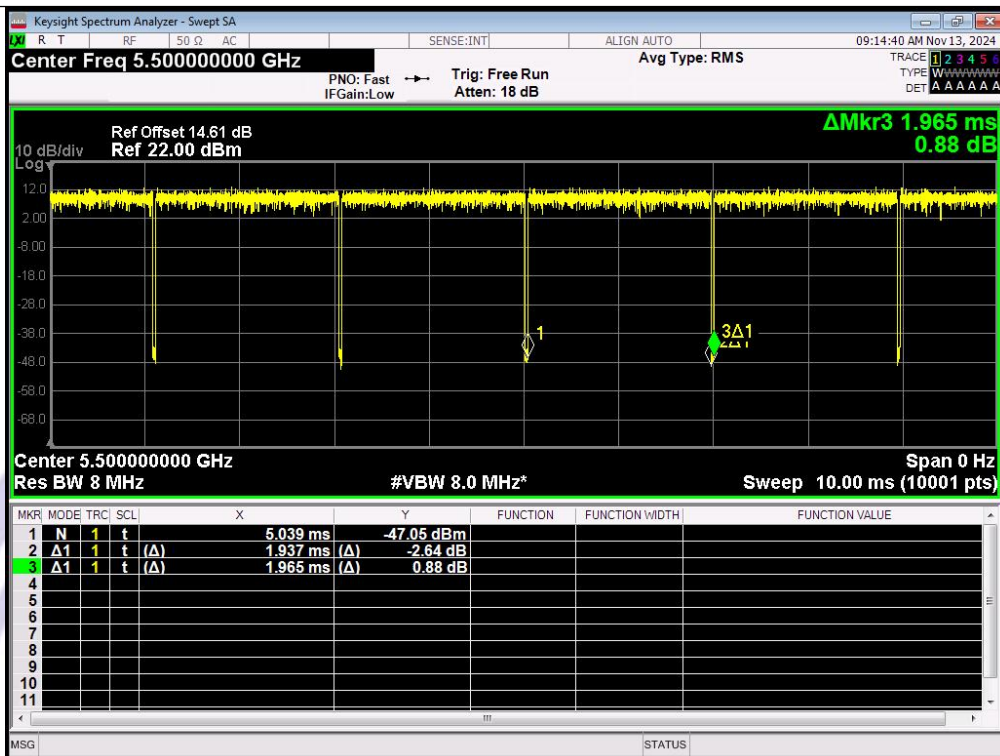
IEEE 802.11ac_20MHz_Channel 52



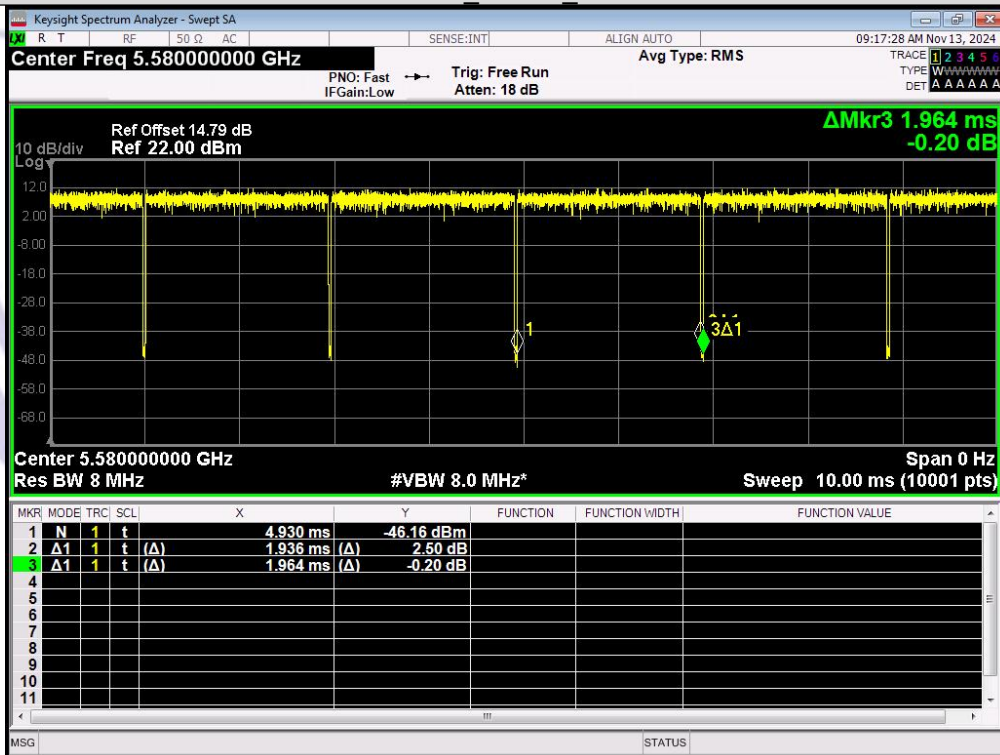
IEEE 802.11ac 20MHz Channel 56



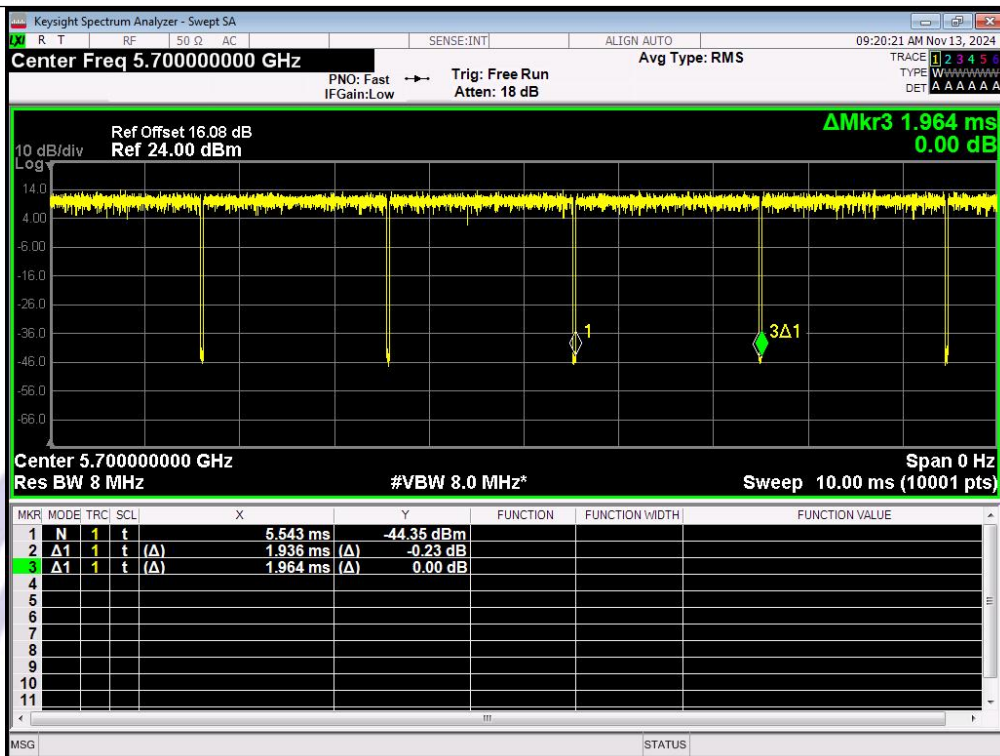
IEEE 802.11ac 20MHz Channel 64



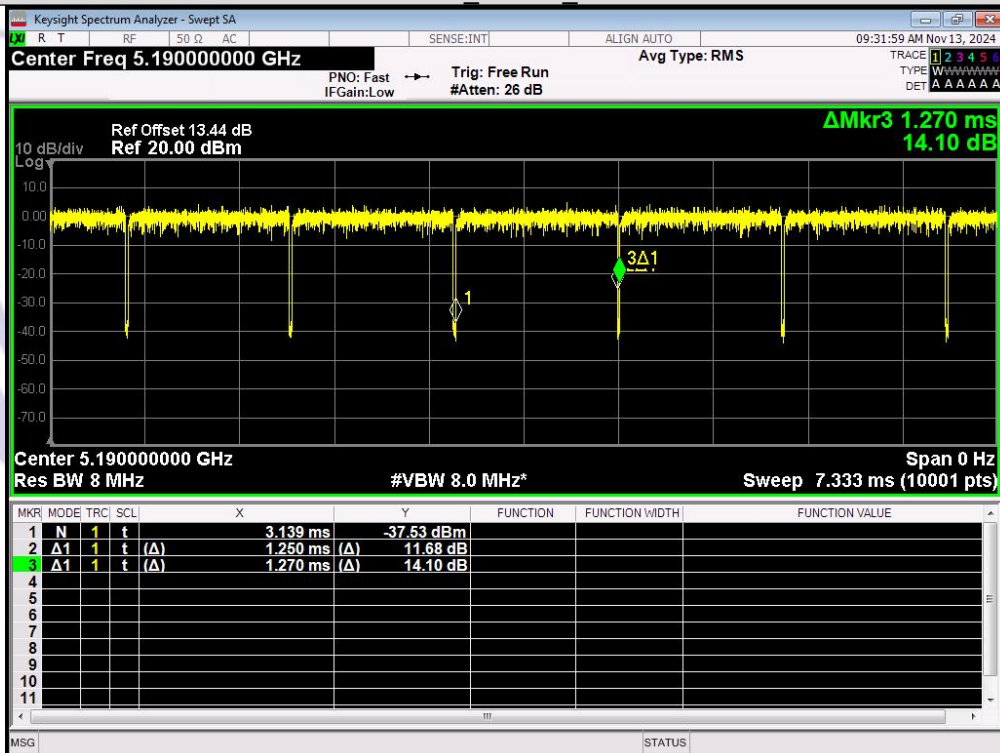
IEEE 802.11ac_20MHz_Channel 100



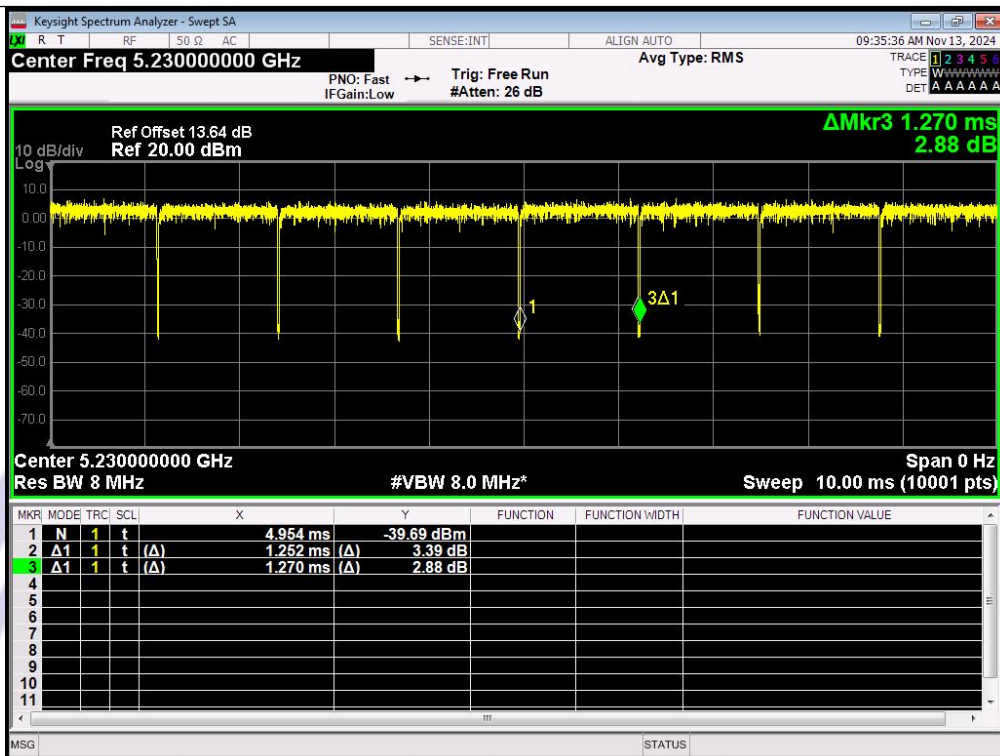
IEEE 802.11ac_20MHz_Channel 116



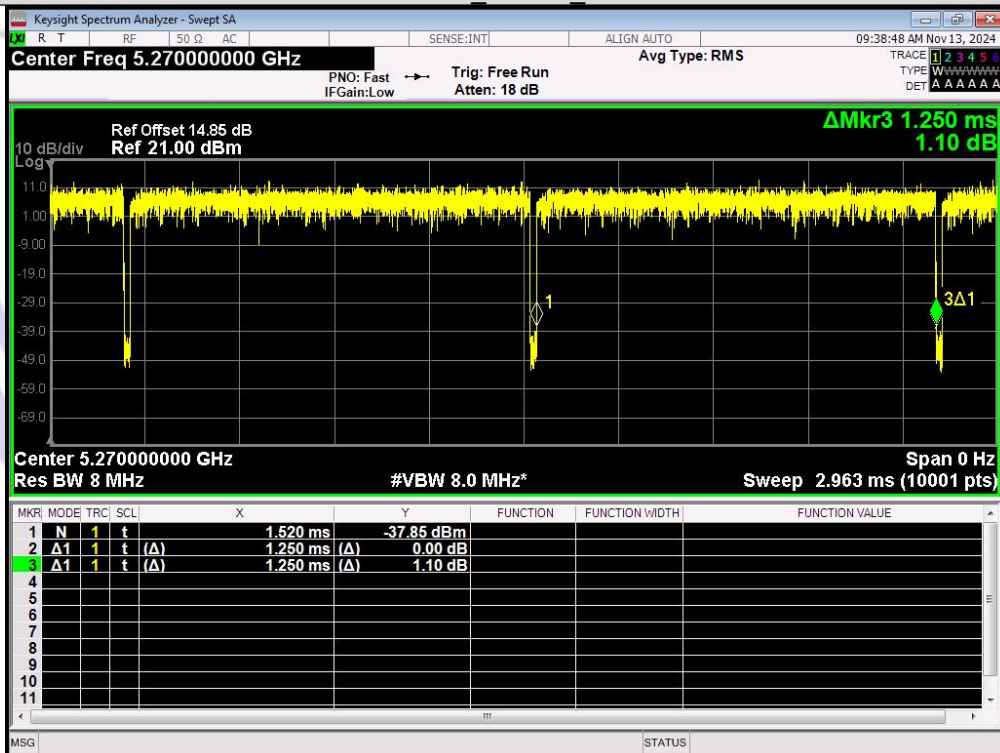
IEEE 802.11ac_20MHz_Channel 140



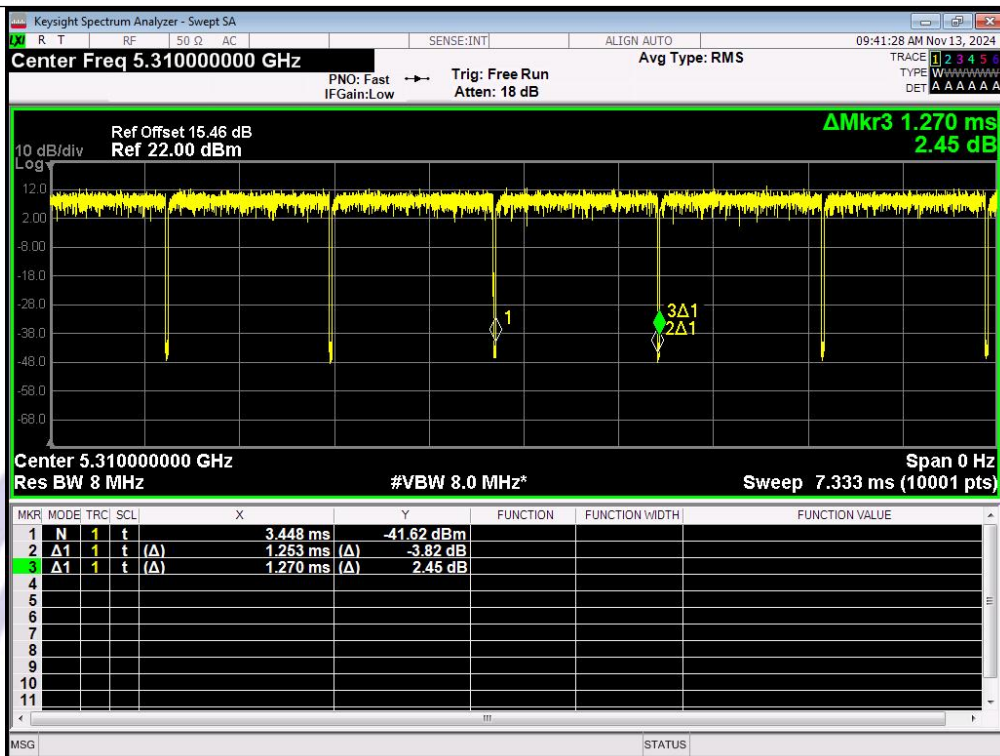
IEEE 802.11ac_40MHz_Channel 38



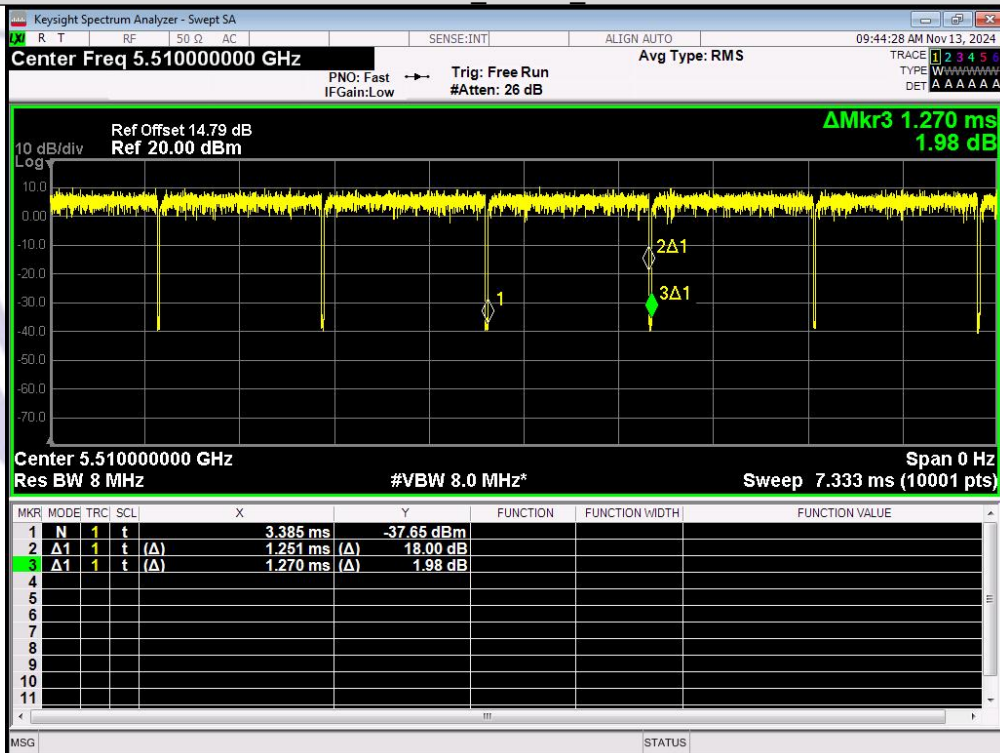
IEEE 802.11ac 40MHz Channel 46



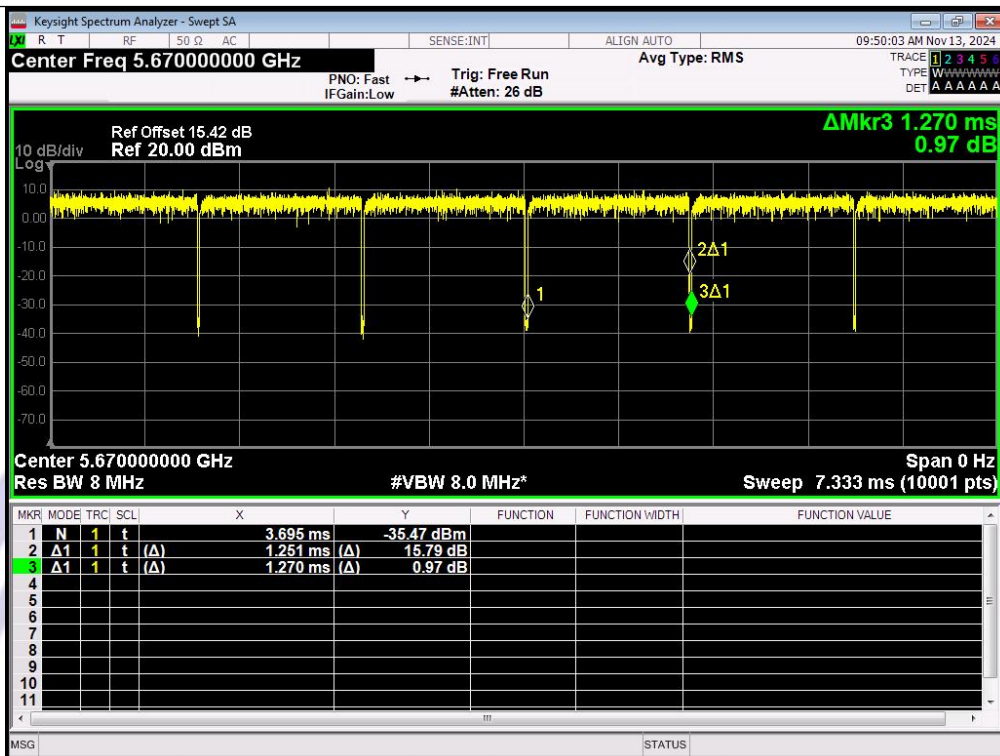
IEEE 802.11ac 40MHz Channel 54



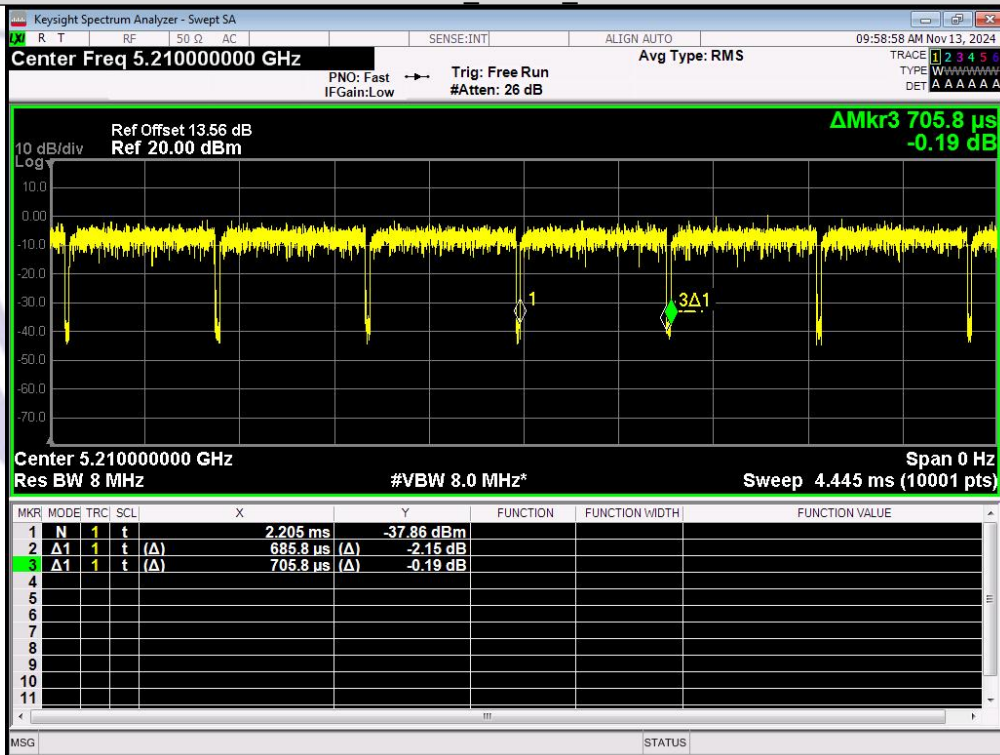
IEEE 802.11ac 40MHz Channel 62



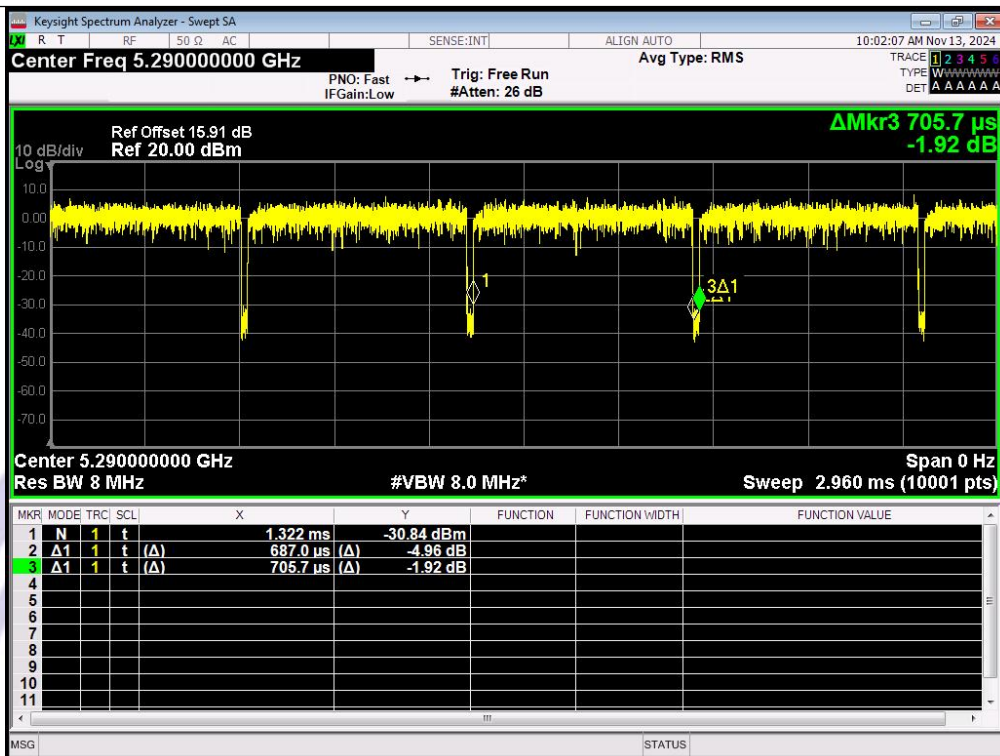
IEEE 802.11ac 40MHz Channel 102



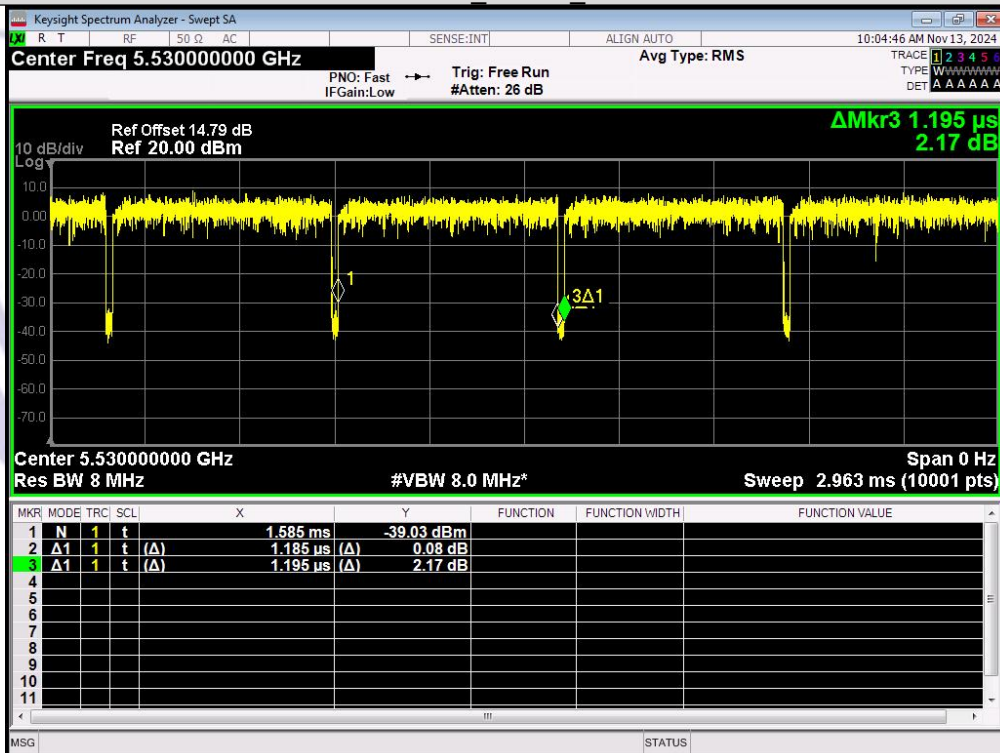
IEEE 802.11ac 40MHz Channel 134



IEEE 802.11ac 80MHz Channel 42

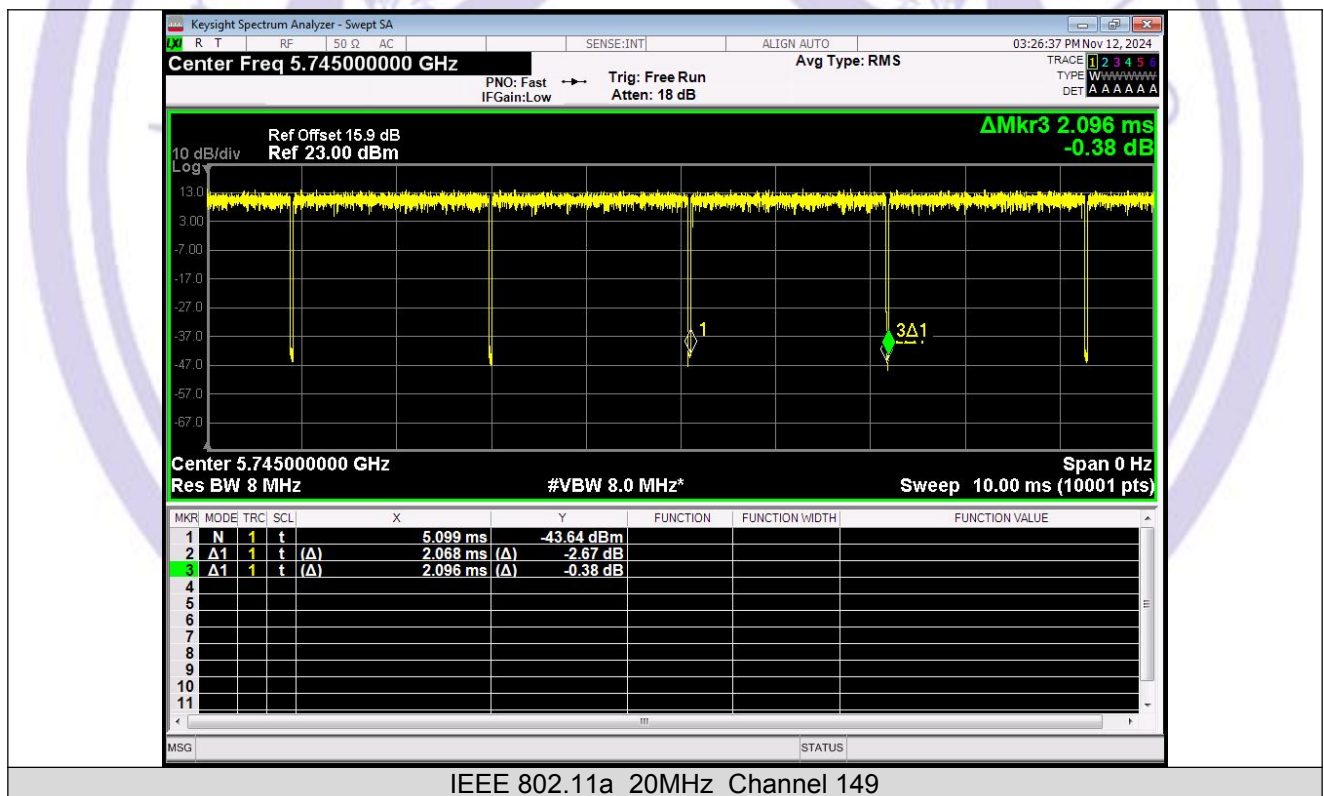


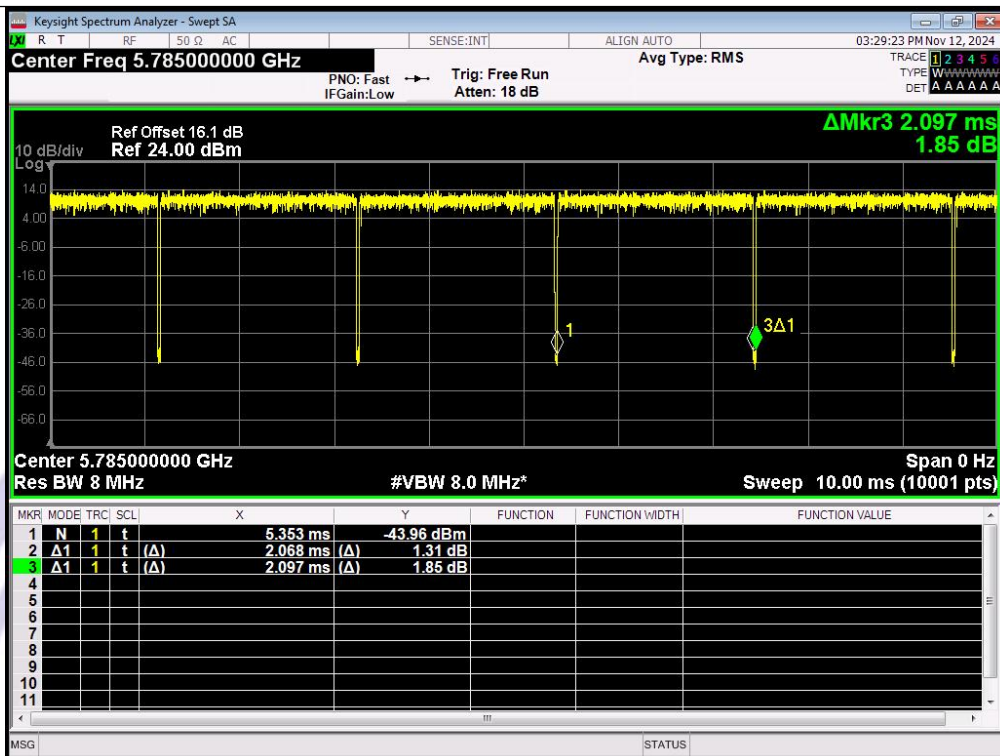
IEEE 802.11ac 80MHz Channel 58



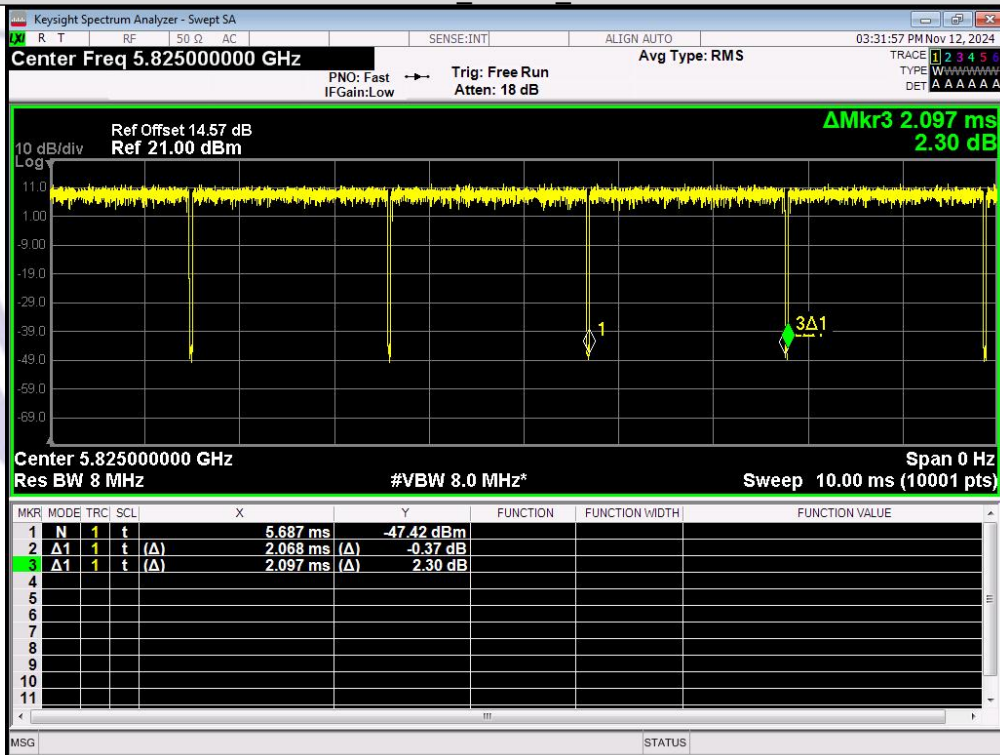
IEEE 802.11ac 80MHz Channel 106

Mode	Data rates	Channel	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle (linear)	Duty Cycle Factor (dB)	1/T
IEEE 802.11a	6	149	1	2.068	2.096	98.66	0.9866	0.0586	0.4836
		157		2.068	2.097	98.62	0.9862	0.0604	0.4836
		165		2.068	2.097	98.62	0.9862	0.0604	0.4836
IEEE 802.11n_20	149	1.924		1.952	98.57	0.9857	0.0626	0.5198	
	157	1.924		1.953	98.52	0.9852	0.0648	0.5198	
	165	1.924		1.953	98.52	0.9852	0.0648	0.5198	
IEEE 802.11n_40	151	0.946		0.946	100.00	1.0000	0.0	1.0571	
	159	0.947		0.966	98.07	0.9807	0.0846	1.0560	
IEEE 802.11ac_20	MCS 0	149		1.936	1.964	98.57	0.9857	0.0626	0.5165
		157		1.936	1.964	98.57	0.9857	0.0626	0.5165
		165		1.936	1.965	98.52	0.9852	0.0648	0.5165
151		1.251		1.270	98.53	0.9853	0.0643	0.7994	
159		1.249		1.250	99.98	0.9998	0.0009	0.8006	
IEEE 802.11ac_80		155		0.685	0.686	99.87	0.9987	0.0056	1.4599

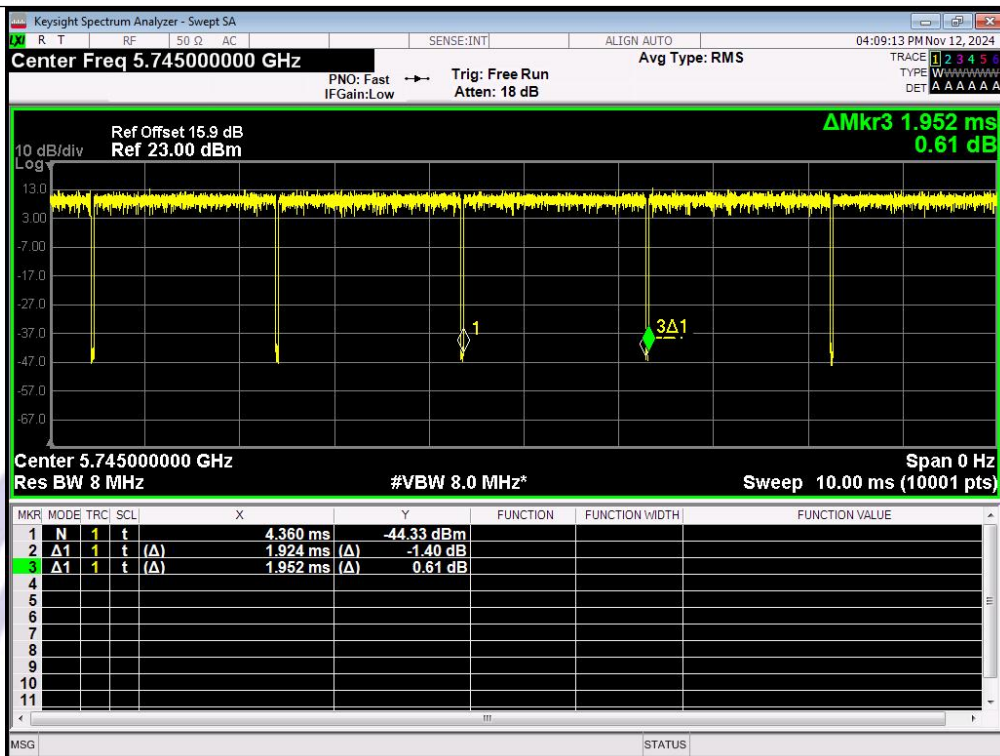




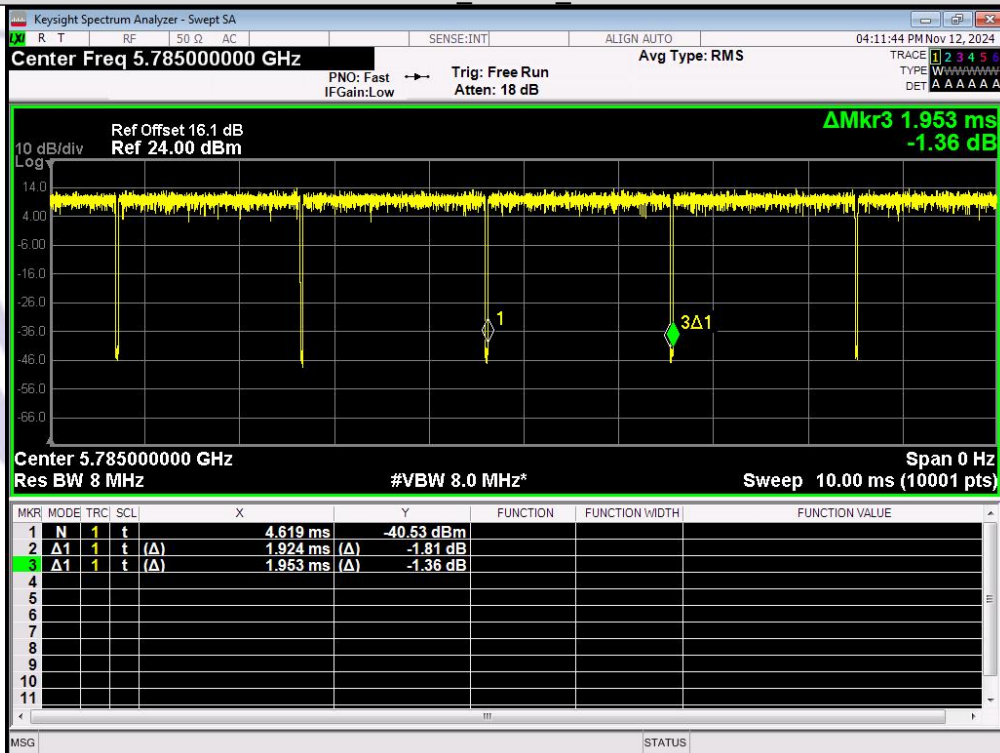
IEEE 802.11a_20MHz_Channel 157



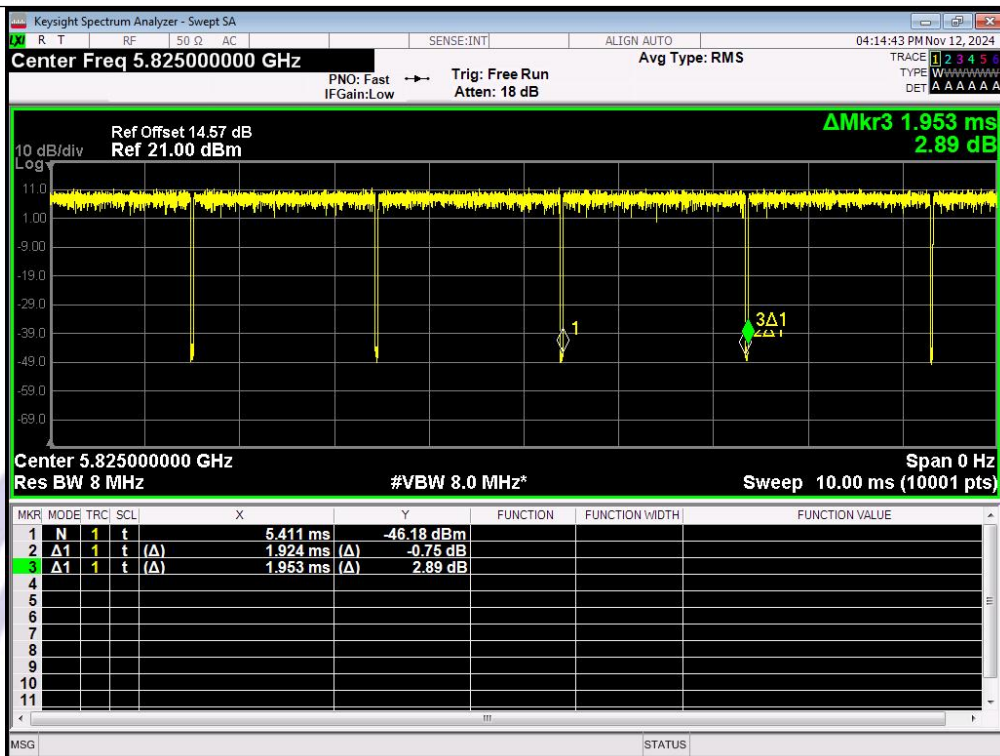
IEEE 802.11a_20MHz_Channel 165



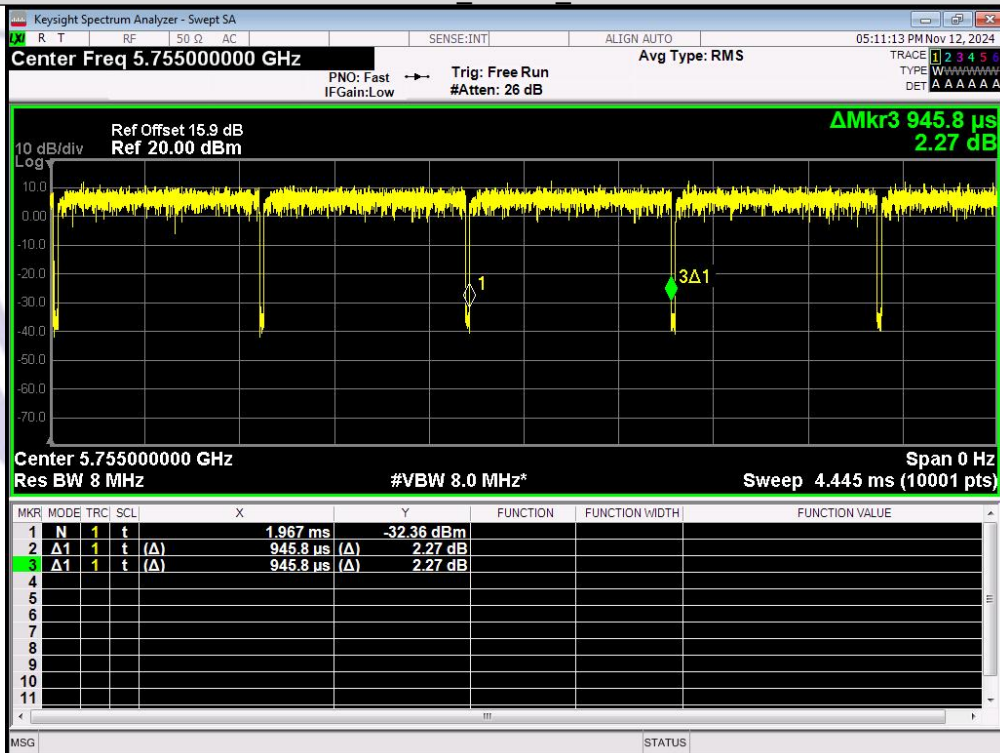
IEEE 802.11n_20MHz_Channel 149



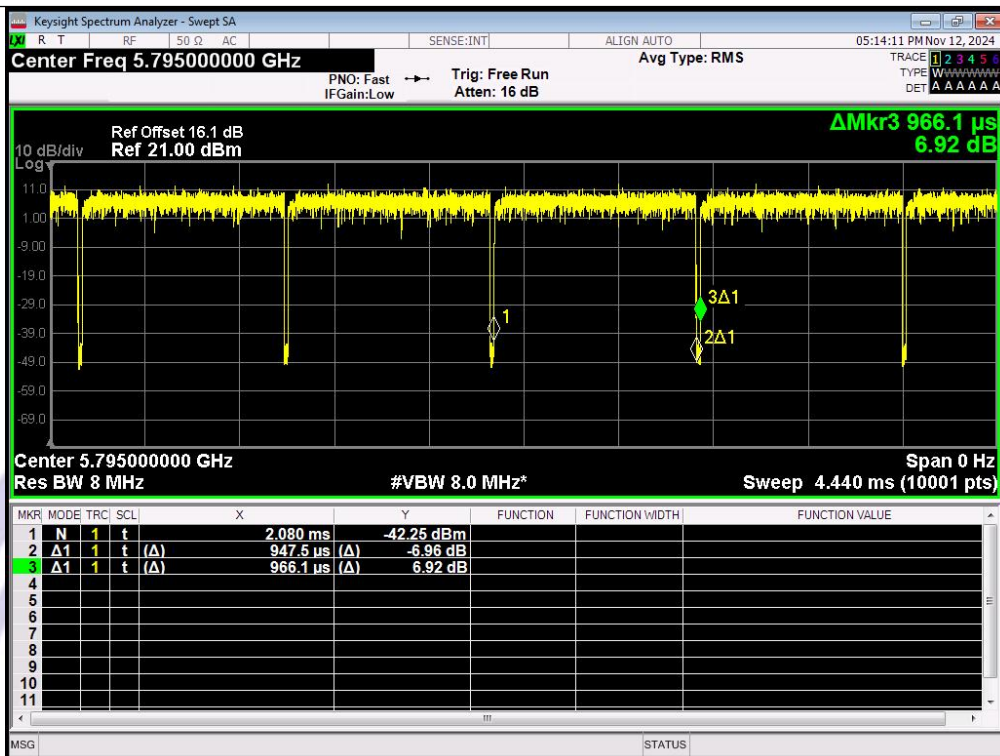
IEEE 802.11n_20MHz_Channel 157



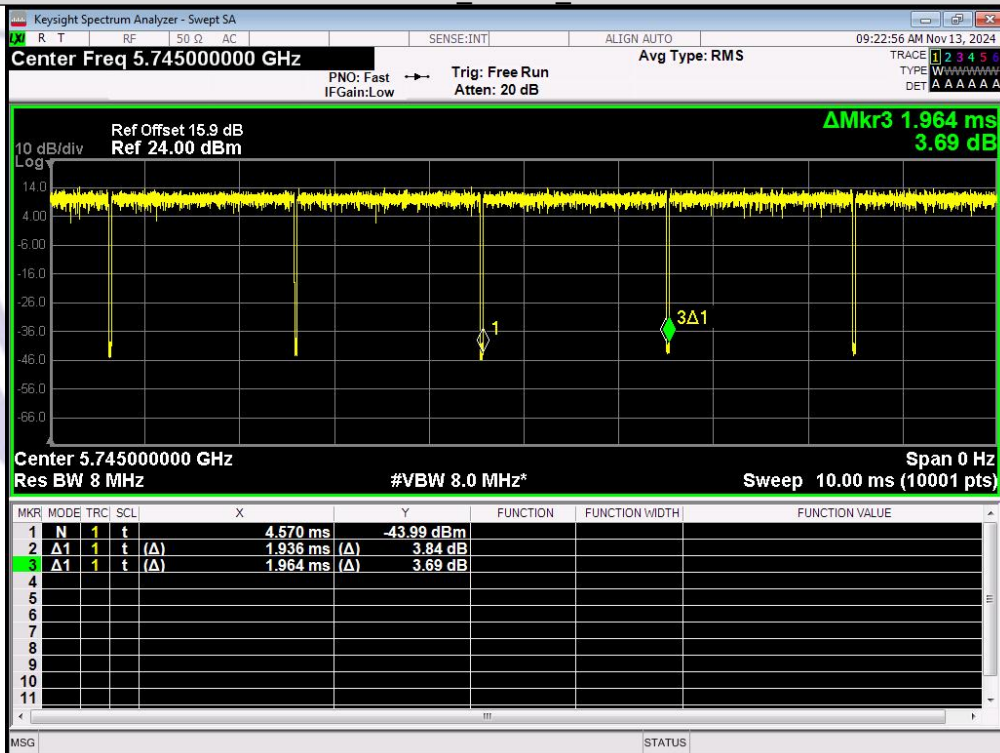
IEEE 802.11n_20MHz_Channel 165



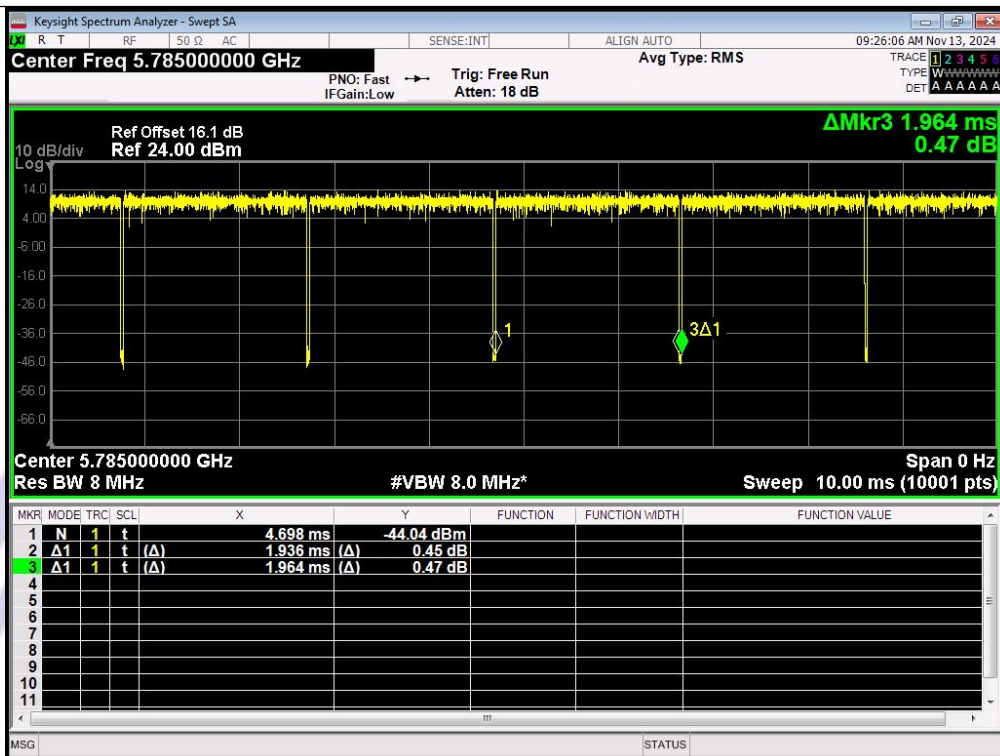
IEEE 802.11n_40MHz_Channel 151



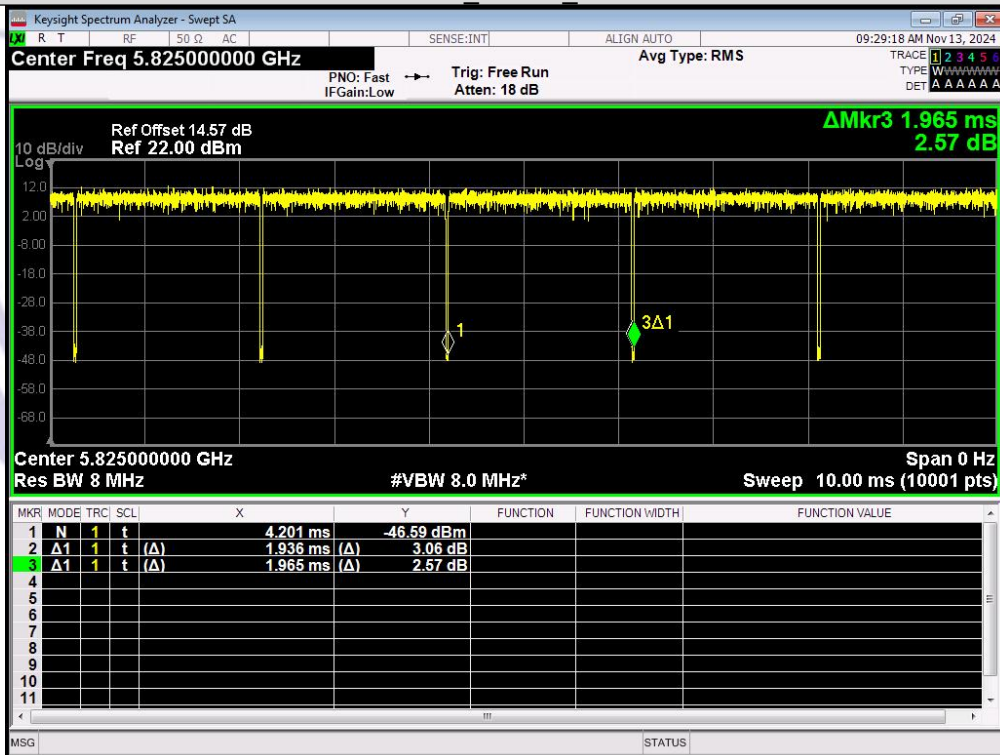
IEEE 802.11n 40MHz Channel 159



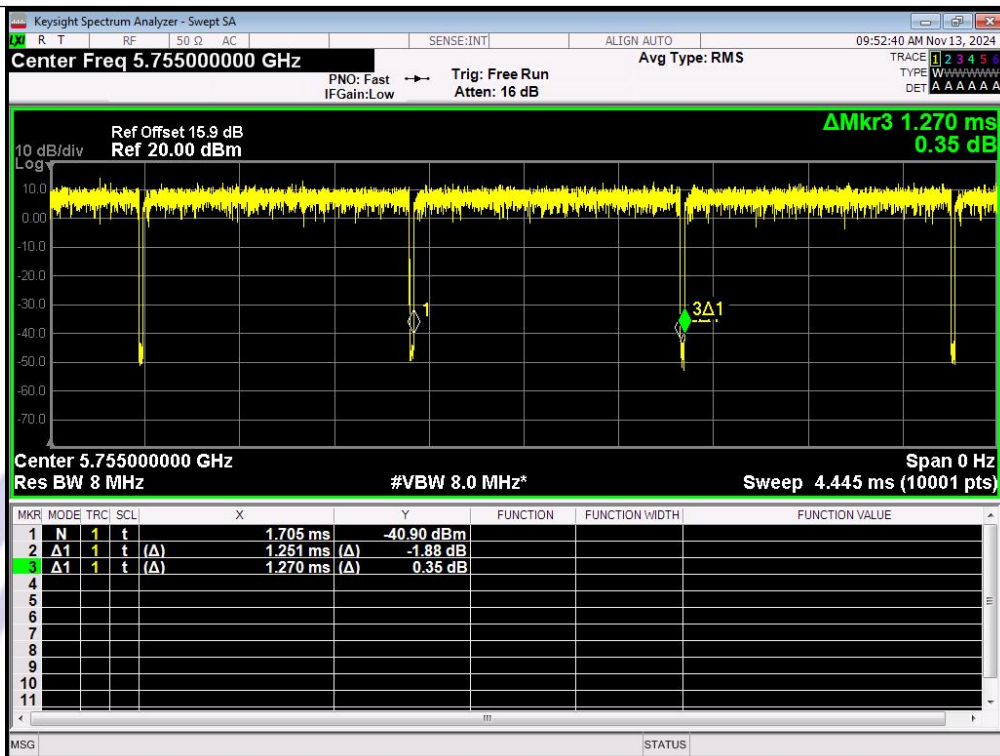
IEEE 802.11ac 20MHz Channel 149



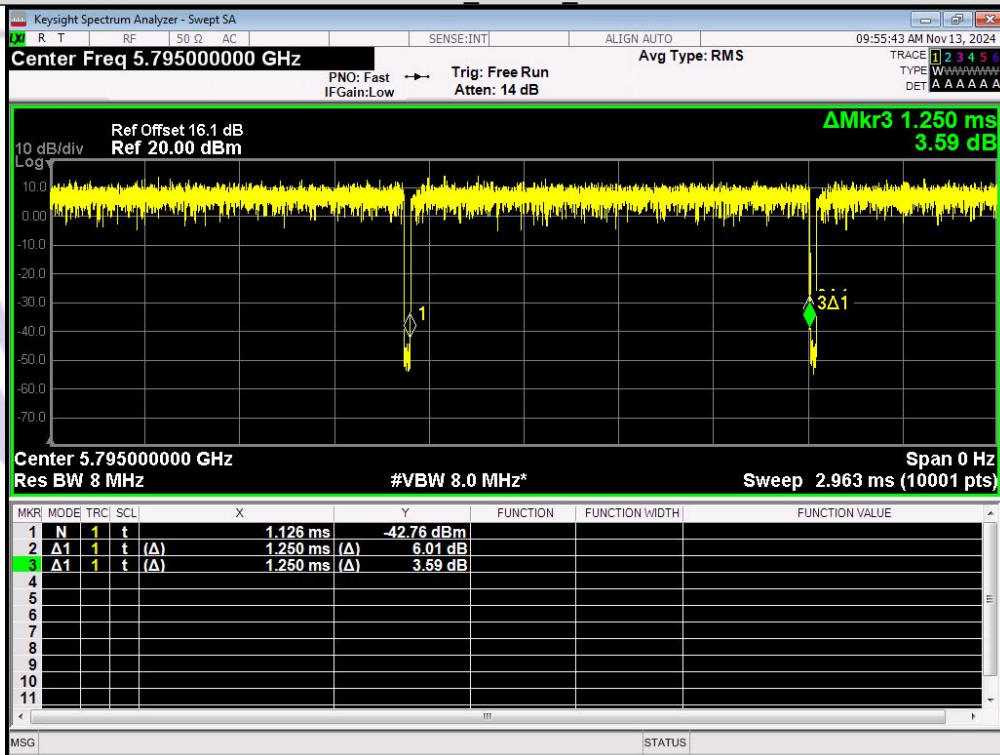
IEEE 802.11ac_20MHz_Channel 157



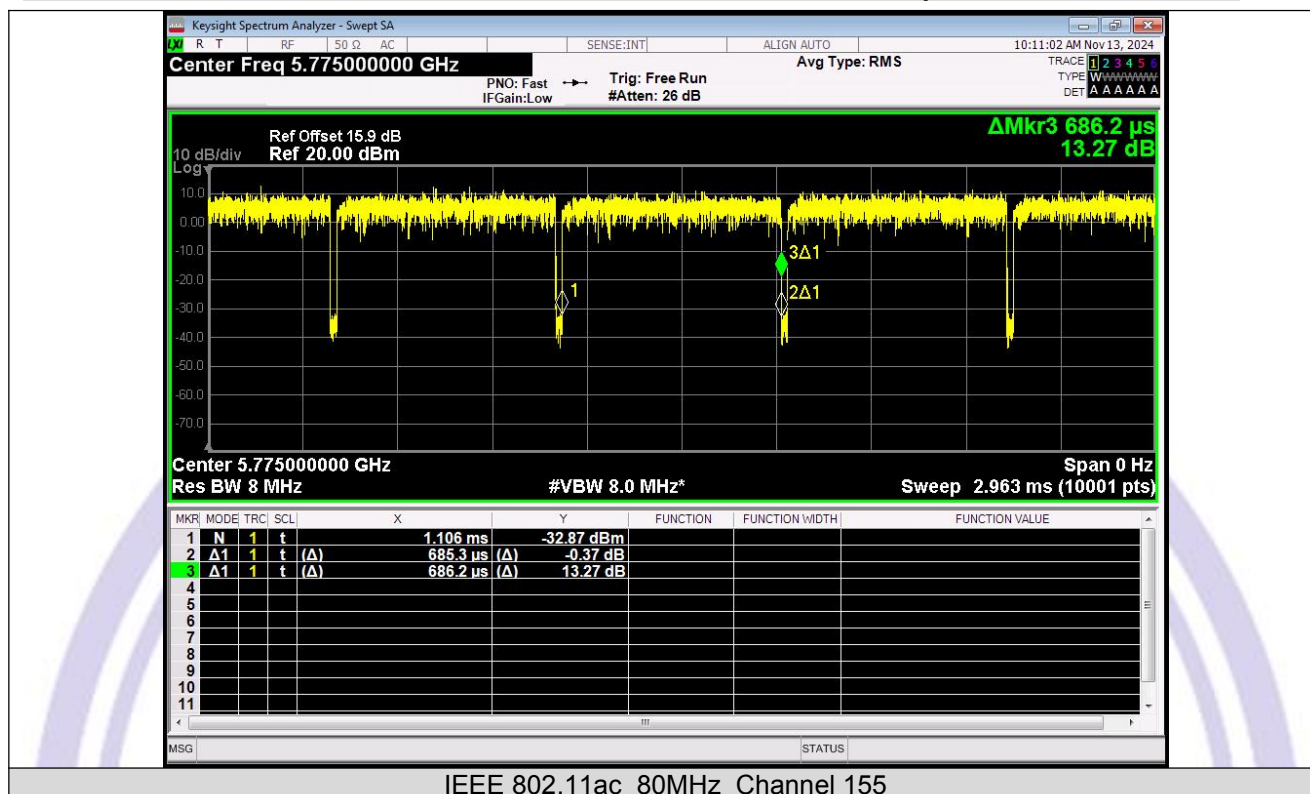
IEEE 802.11ac_20MHz_Channel 165



IEEE 802.11ac_40MHz_Channel 151



IEEE 802.11ac_40MHz_Channel 159



13 Antenna Requirement

13.1 Test Standard and Requirement

Test Standard	FCC Part15 Section 15.203
Requirement	1) 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. According to RSS-GEN section 6.8 The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list. For expediting the testing, measurements may be performed using only the antenna with highest gain of each combination of transmitter and antenna type, with the transmitter output power set at the maximum level. However, the transmitter shall comply with the applicable requirements under all operational conditions and when in combination with any type of antenna from the list provided in the test report (and in the notice to be included in the user manual, provided below). When measurements at the antenna port are used to determine the RF output power, the effective gain of the device's antenna shall be stated, based on a measurement or on data from the antenna's manufacturer. The test report shall state the RF power, output power setting and spurious emission measurements with each antenna type that is used with the transmitter being tested.

13.2 Antenna Connected Construction

The antenna is External Antenna which detachable antenna, and the best case gain of the antenna is 4.77 dBi. It complies with the standard requirement.

14 TEST SETUP & EUT PHOTOGRAPH

Please see the attachment for details.

----- End of Report -----

