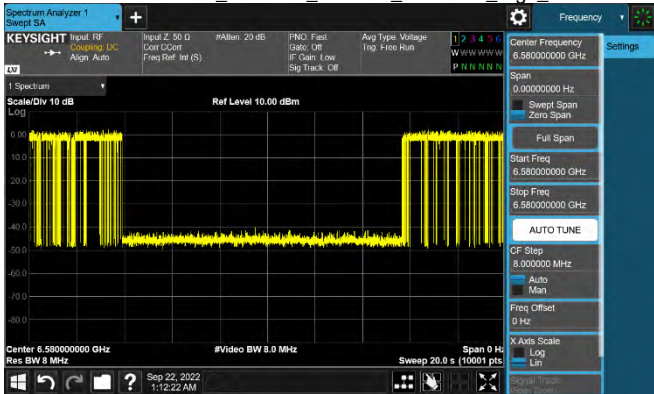
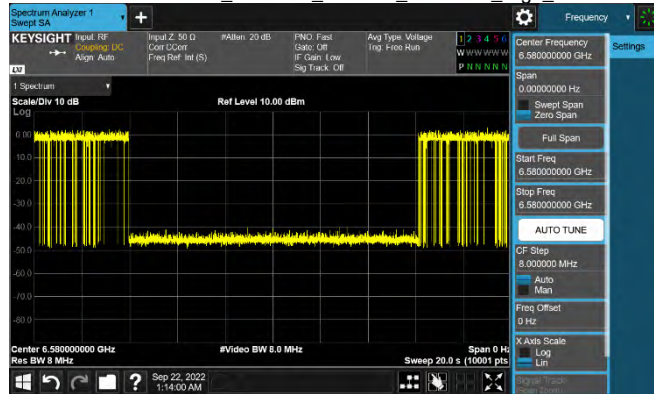


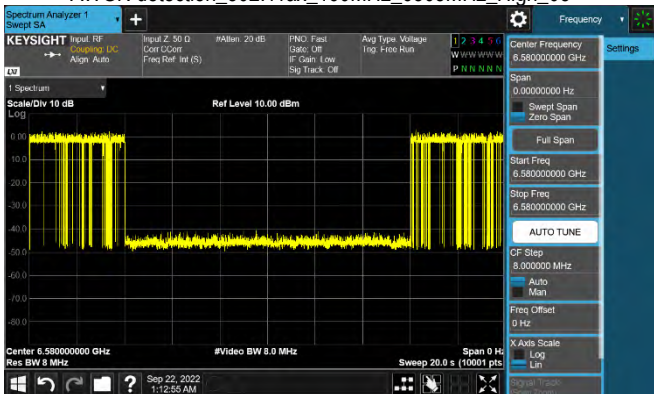
AWGN detection 802.11ax_160MHz_6505MHz_High_07



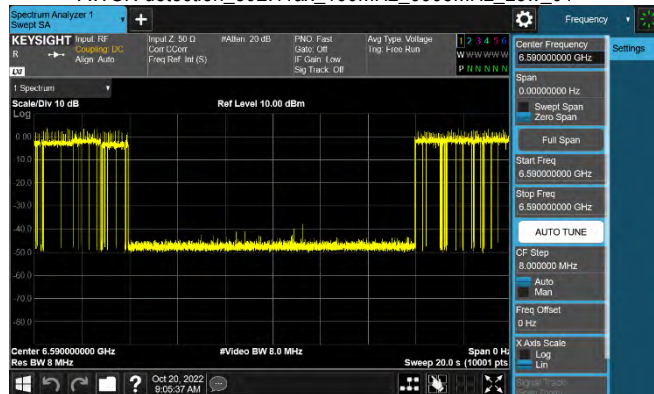
AWGN detection 802.11ax_160MHz_6505MHz_High_10



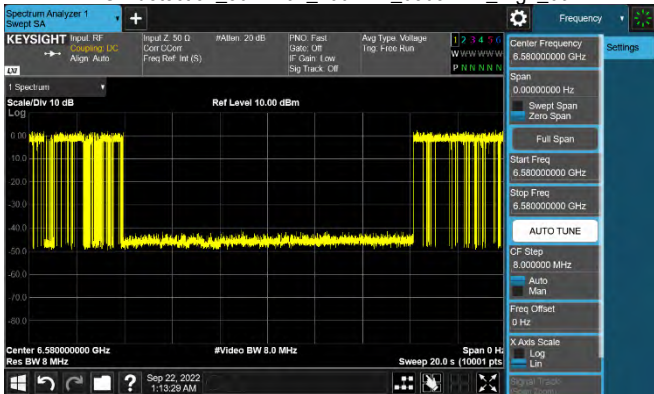
AWGN detection_802.11ax_160MHz_6505MHz_High_08



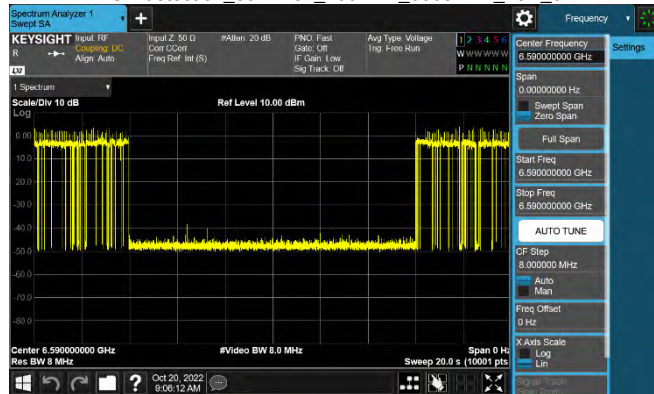
AWGN detection_802.11ax_160MHz_6665MHz_Low_01



AWGN detection 802.11ax_160MHz_6505MHz_High_09



AWGN detection 802.11ax_160MHz_6665MHz_Low_02

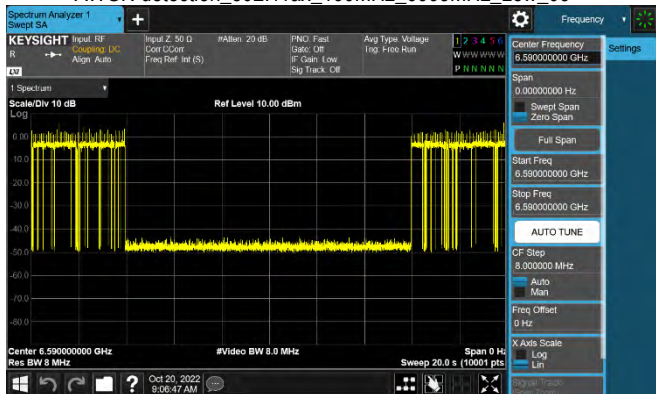


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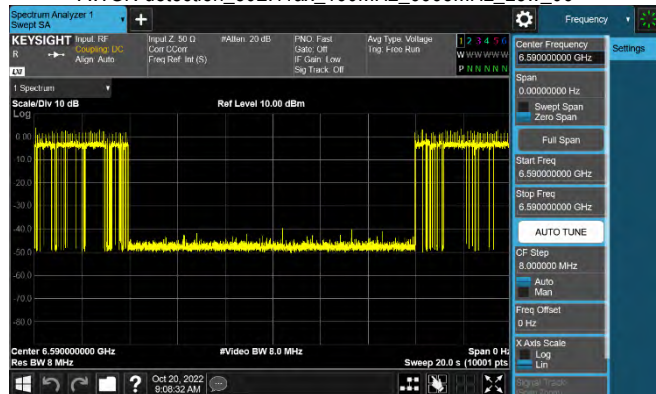
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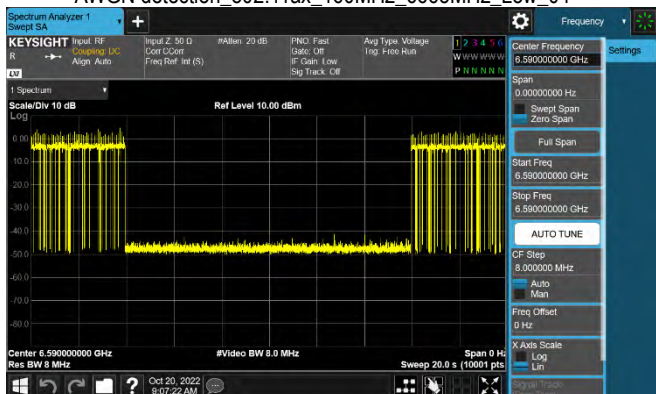
AWGN detection 802.11ax_160MHz_6665MHz_Low_03



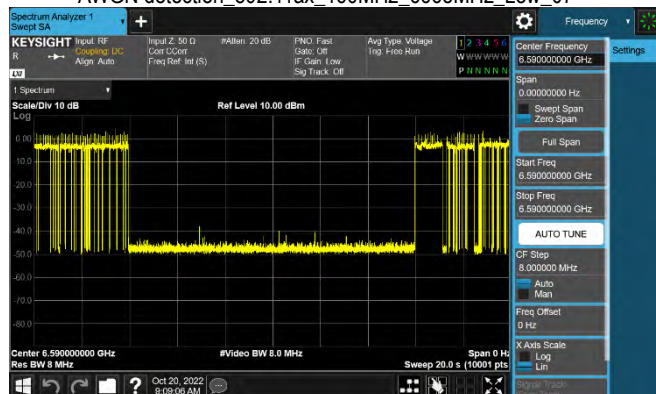
AWGN detection 802.11ax_160MHz_6665MHz_Low_06



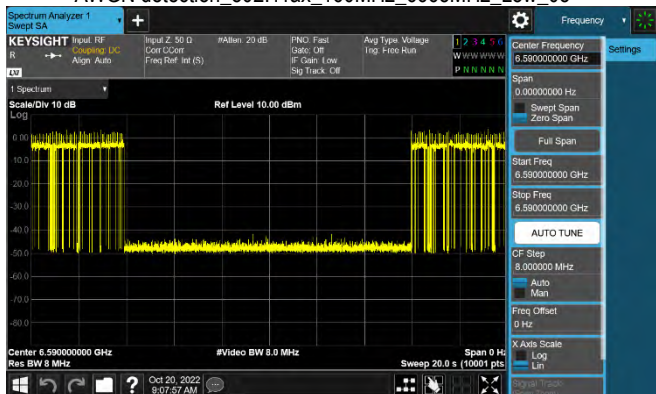
AWGN detection_802.11ax_160MHz_6665MHz_Low_04



AWGN detection_802.11ax_160MHz_6665MHz_Low_07



AWGN detection 802.11ax_160MHz_6665MHz_Low_05



AWGN detection 802.11ax_160MHz_6665MHz_Low_08



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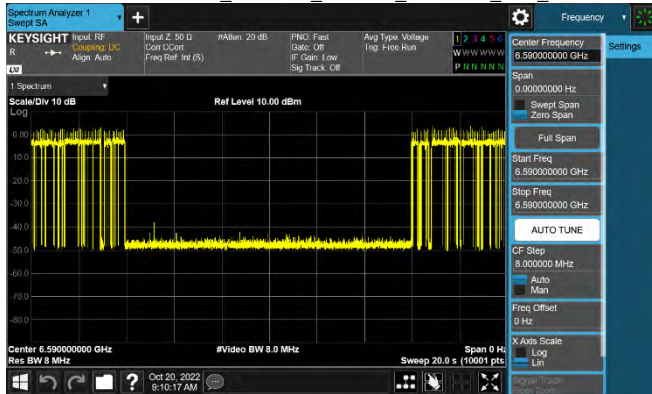
t (886-2) 2299-3279

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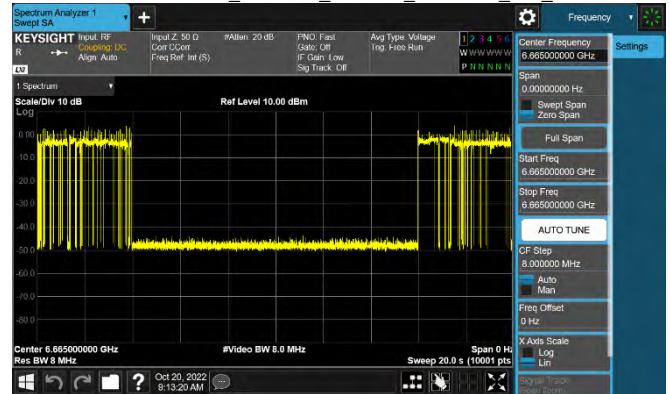
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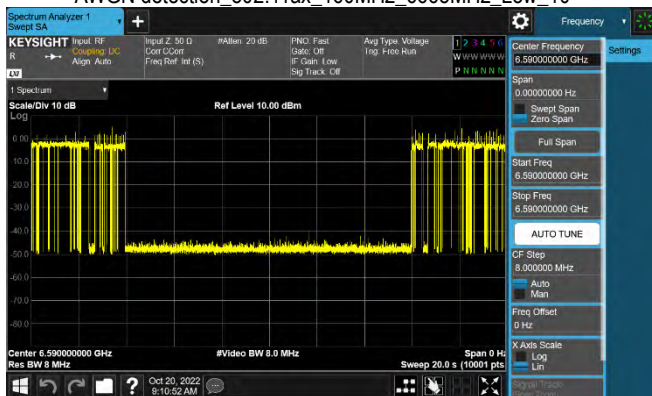
AWGN detection 802.11ax 160MHz_6665MHz_Low_09



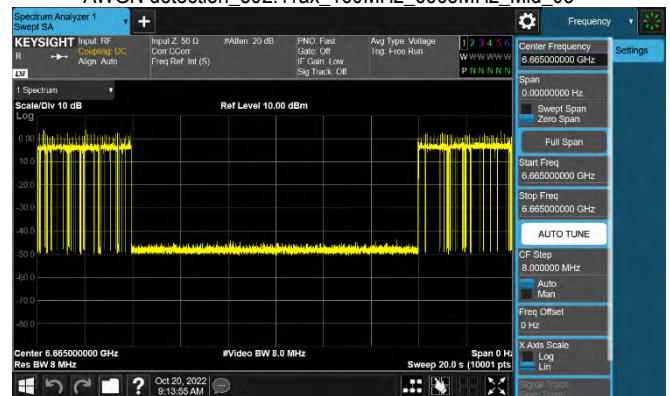
AWGN detection 802.11ax 160MHz_6665MHz_Mid_02



AWGN detection_802.11ax_160MHz_6665MHz_Low_10



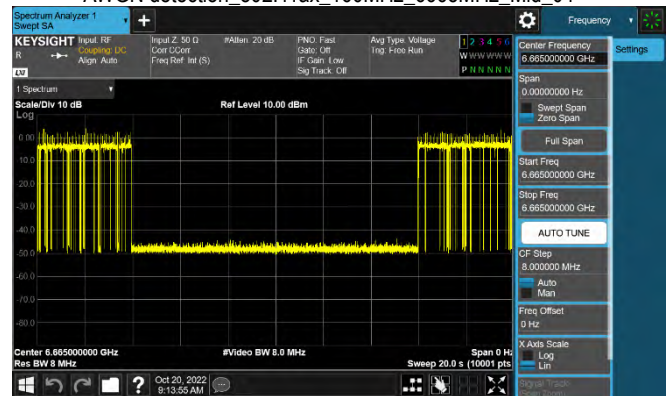
AWGN detection_802.11ax_160MHz_6665MHz_Mid_03



AWGN detection_802.11ax_160MHz_6665MHz_Mid_01



AWGN detection 802.11ax 160MHz_6665MHz_Mid_04

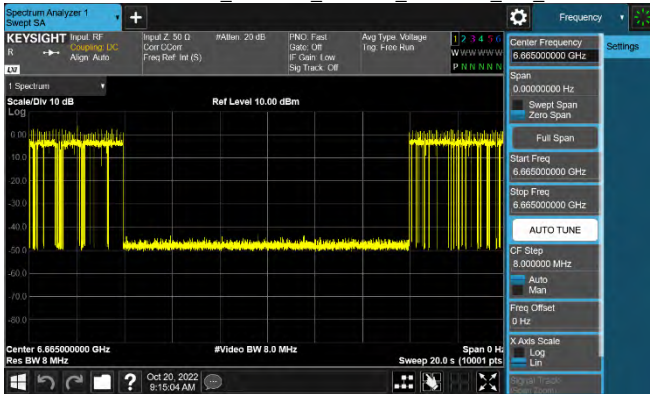


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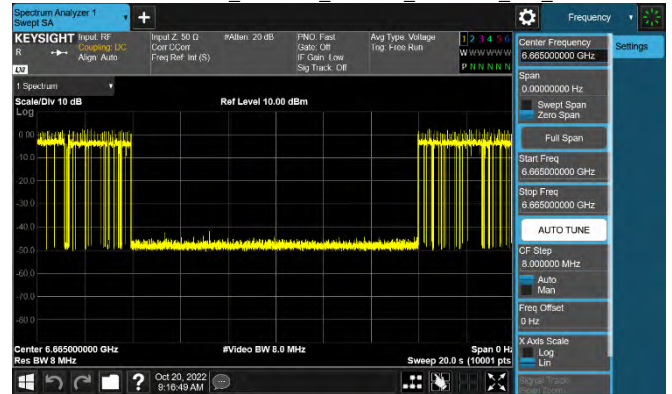
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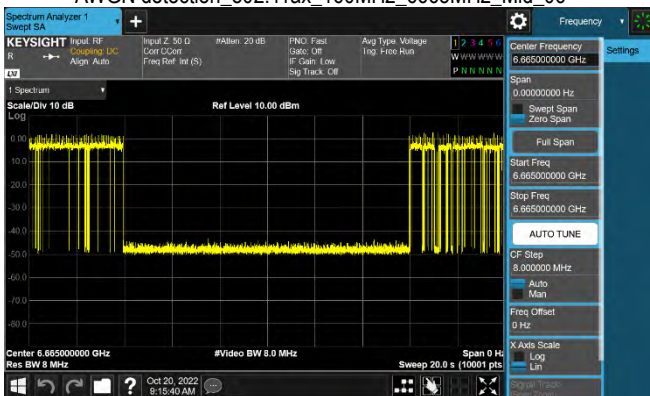
AWGN detection_802.11ax_160MHz_6665MHz_Mid_05



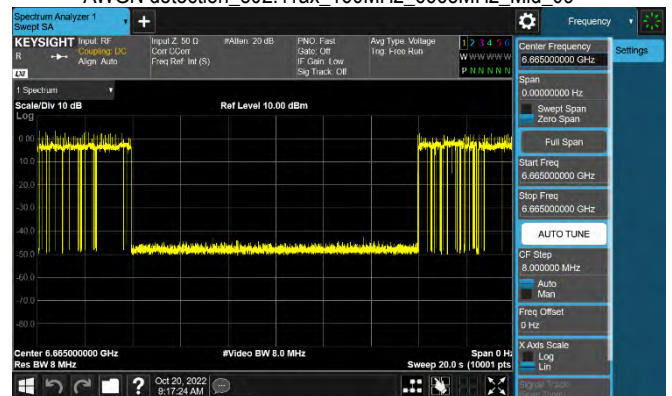
AWGN detection_802.11ax_160MHz_6665MHz_Mid_08



AWGN detection_802.11ax_160MHz_6665MHz_Mid_06



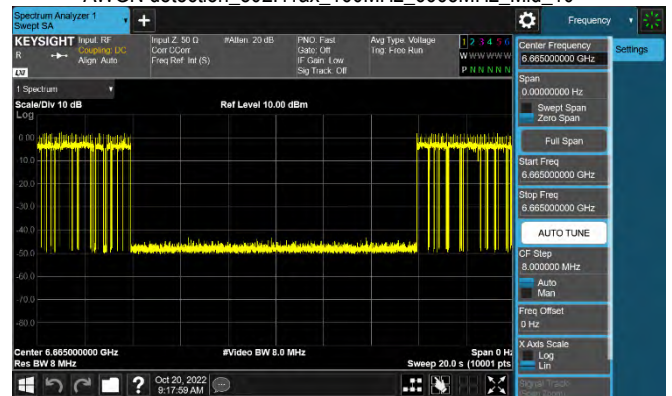
AWGN detection_802.11ax_160MHz_6665MHz_Mid_09



AWGN detection_802.11ax_160MHz_6665MHz_Mid_07



AWGN detection_802.11ax_160MHz_6665MHz_Mid_10

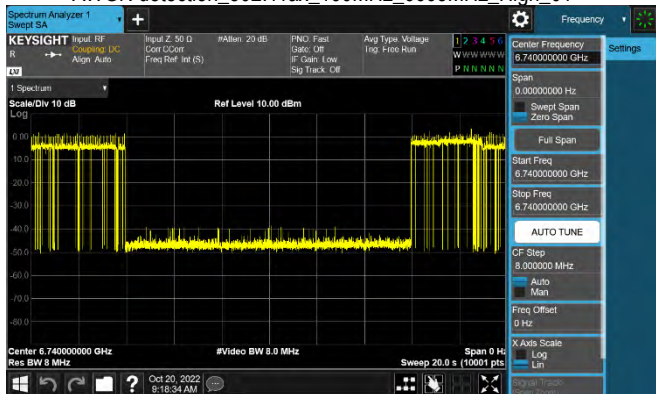


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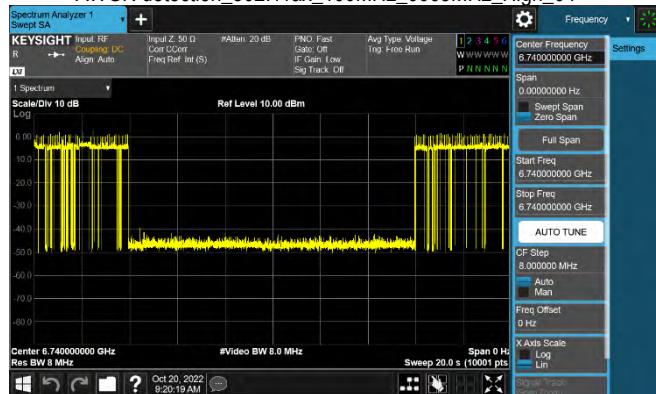
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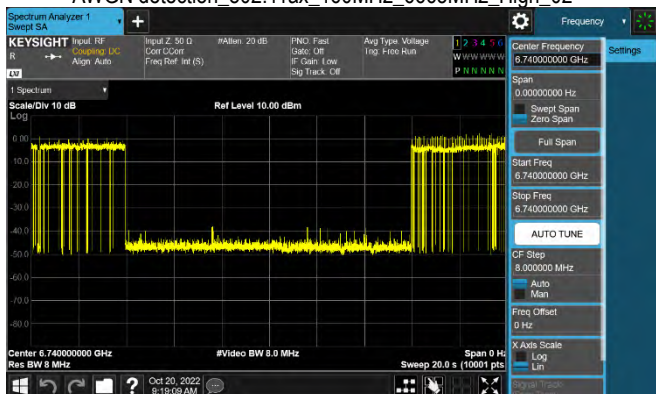
AWGN detection 802.11ax_160MHz_6665MHz_High_01



AWGN detection 802.11ax_160MHz_6665MHz_High_04



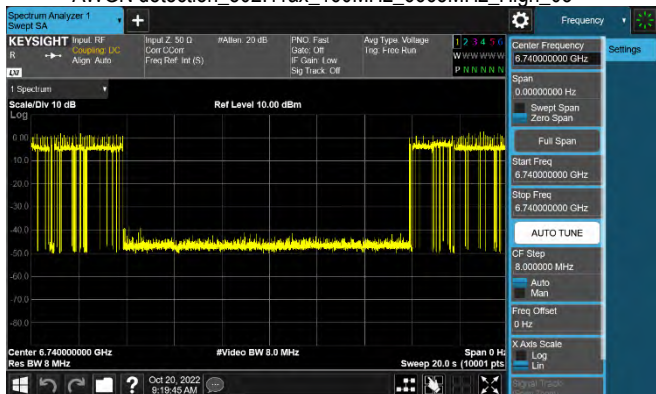
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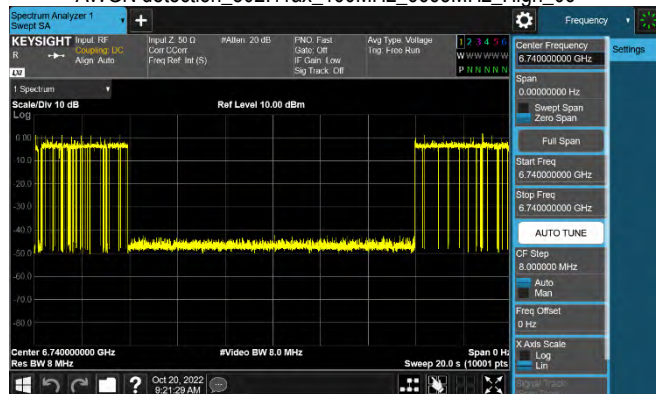
AWGN detection_802.11ax_160MHz_6665MHz_High_05



AWGN detection 802.11ax_160MHz_6665MHz_High_03



AWGN detection 802.11ax_160MHz_6665MHz_High_06



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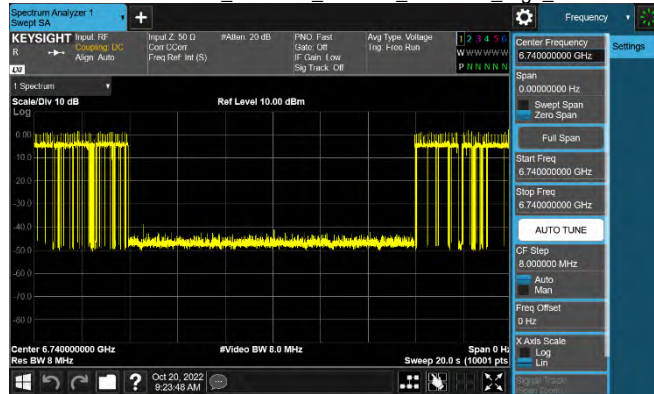
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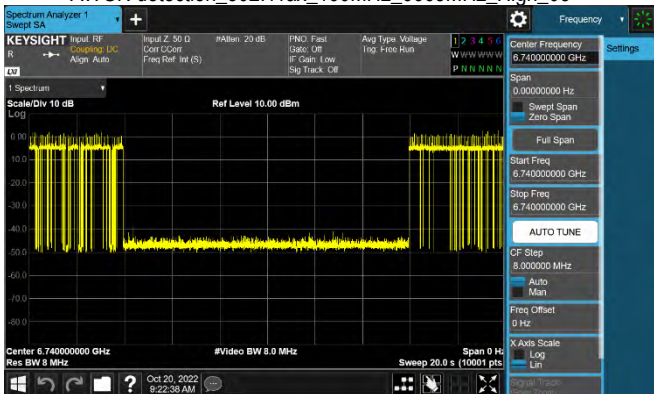
AWGN detection 802.11ax_160MHz_6665MHz_High_07



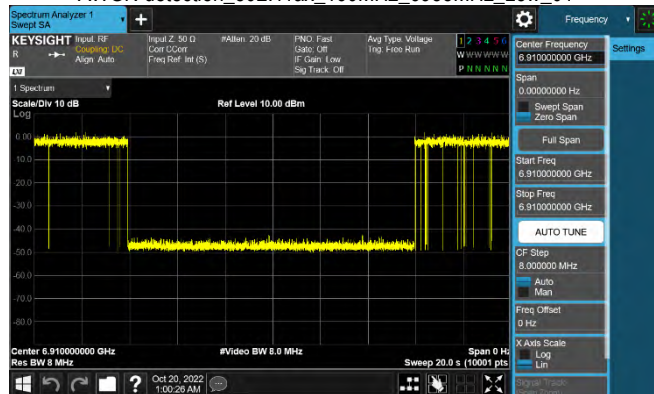
AWGN detection 802.11ax_160MHz_6665MHz_High_10



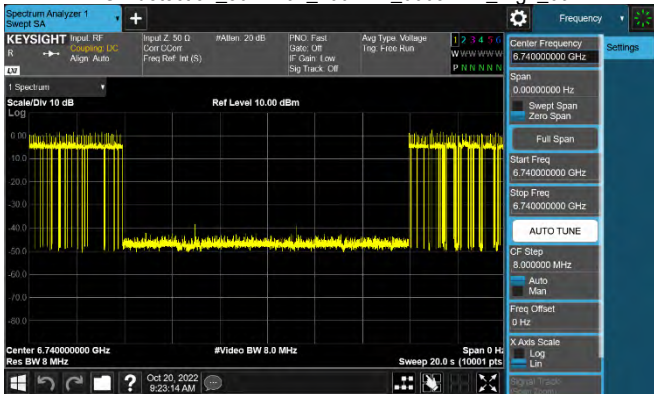
AWGN detection_802.11ax_160MHz_6665MHz_High_08



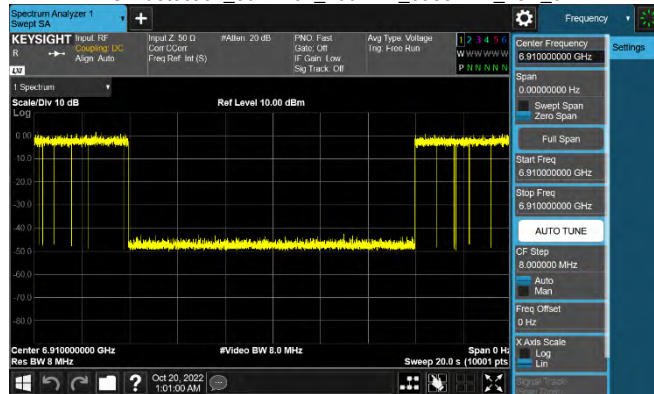
AWGN detection_802.11ax_160MHz_6985MHz_Low_01



AWGN detection 802.11ax_160MHz_6665MHz_High_09



AWGN detection 802.11ax_160MHz_6985MHz_Low_02

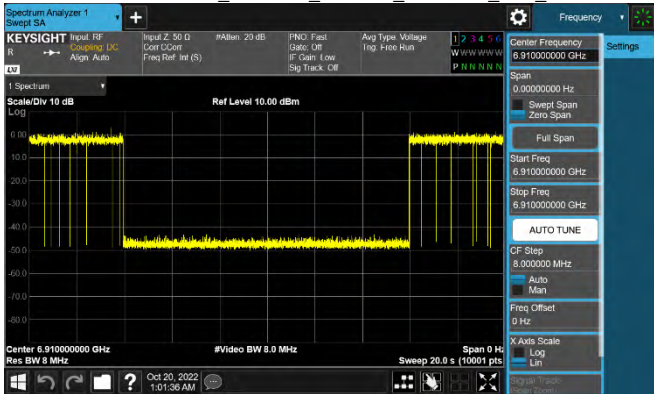


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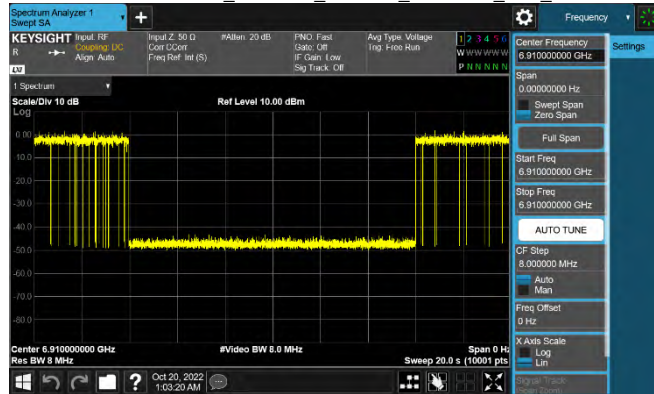
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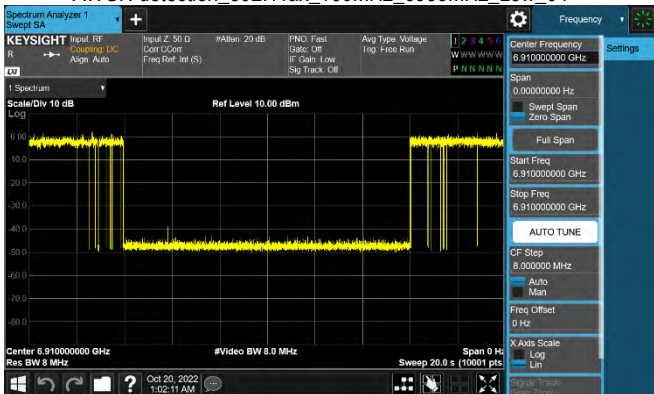
AWGN detection 802.11ax_160MHz_6985MHz_Low_03



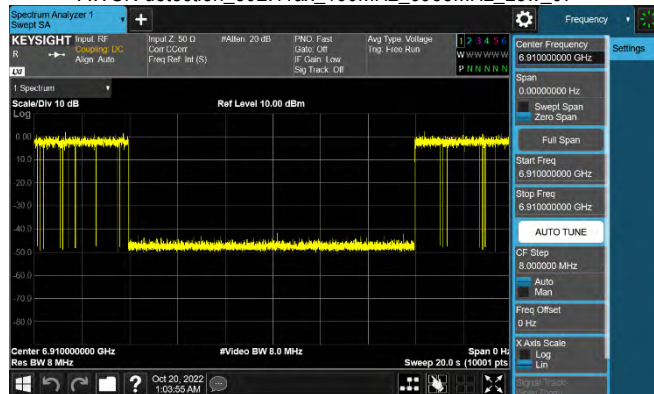
AWGN detection 802.11ax_160MHz_6985MHz_Low_06



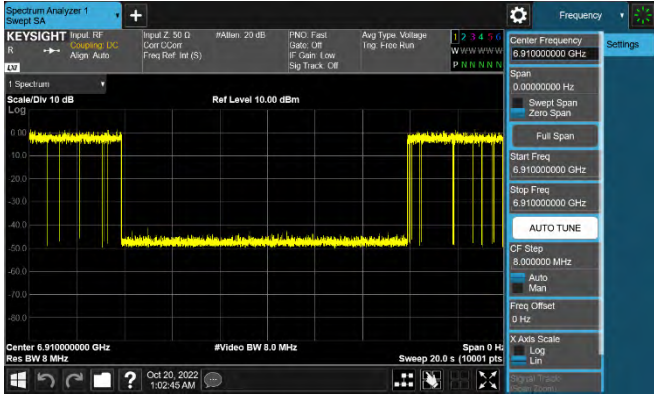
AWGN detection_802.11ax_160MHz_6985MHz_Low_04



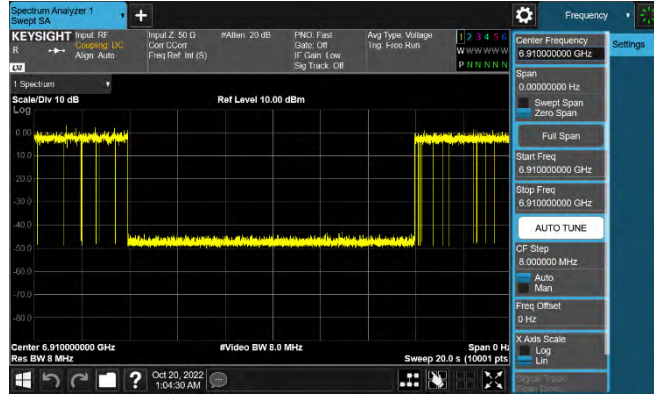
AWGN detection_802.11ax_160MHz_6985MHz_Low_07



AWGN detection 802.11ax_160MHz_6985MHz_Low_05



AWGN detection 802.11ax_160MHz_6985MHz_Low_08



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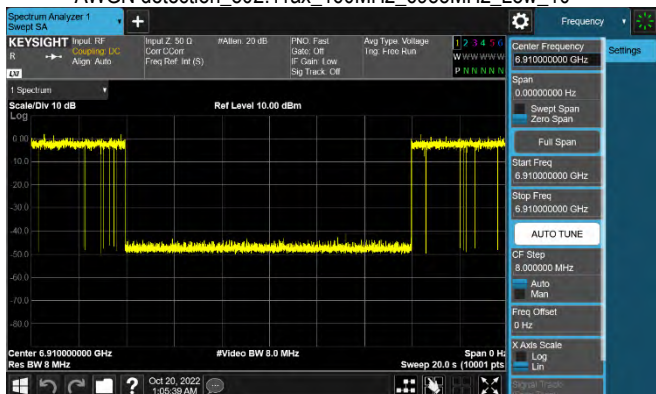
AWGN detection 802.11ax 160MHz 6985MHz_Low_09



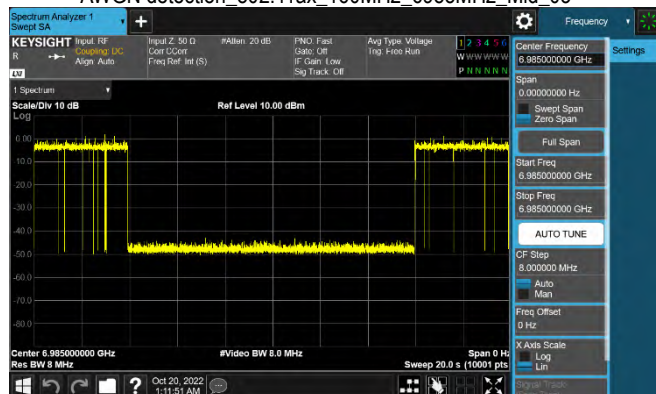
AWGN detection 802.11ax 160MHz 6985MHz_Mid_02



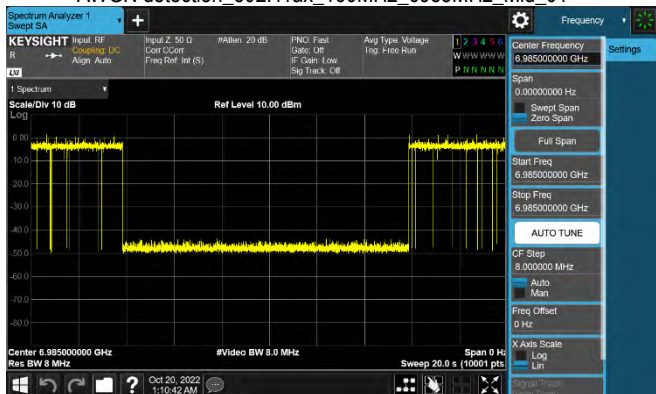
AWGN detection_802.11ax_160MHz_6985MHz_Low_10



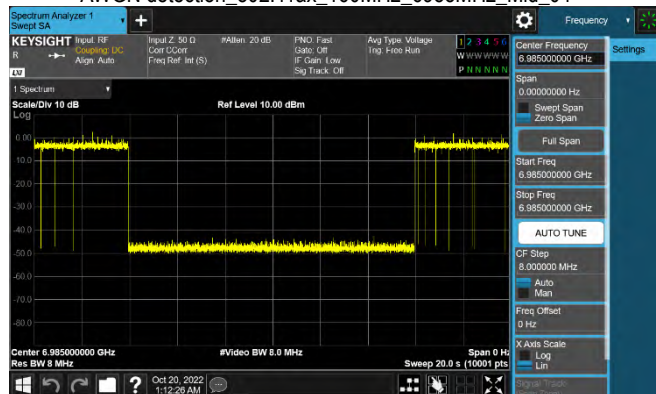
AWGN detection_802.11ax_160MHz_6985MHz_Mid_03



AWGN detection_802.11ax_160MHz_6985MHz_Mid_01



AWGN detection_802.11ax_160MHz_6985MHz_Mid_04

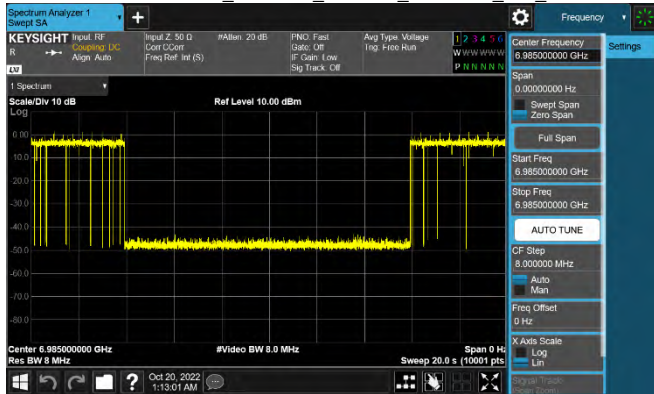


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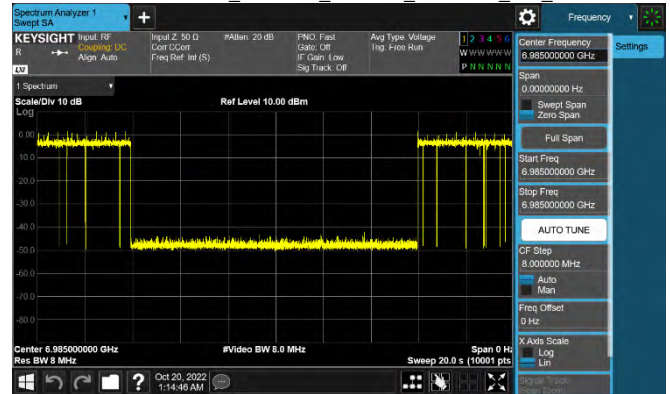
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AWGN detection_802.11ax_160MHz_6985MHz_Mid_05



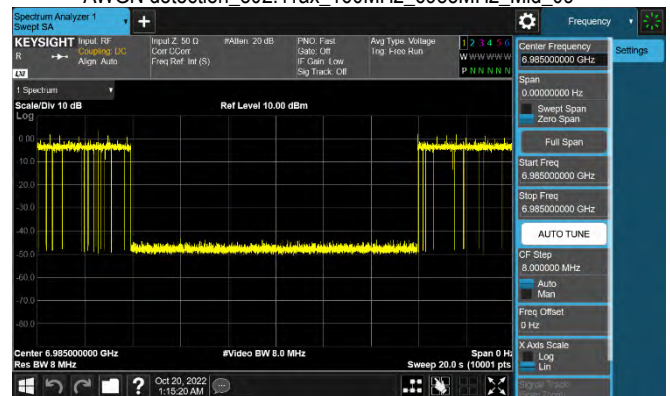
AWGN detection_802.11ax_160MHz_6985MHz_Mid_08



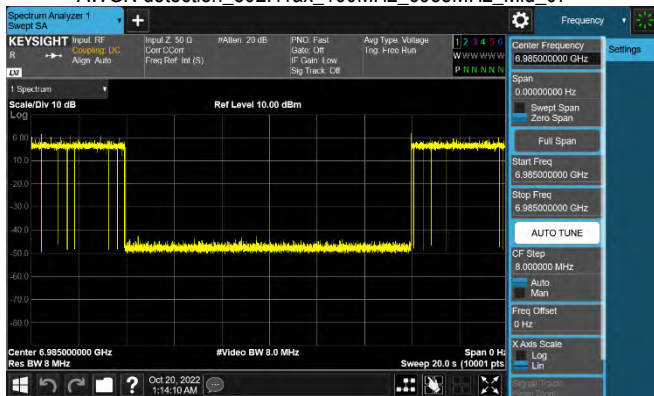
AWGN detection_802.11ax_160MHz_6985MHz_Mid_06



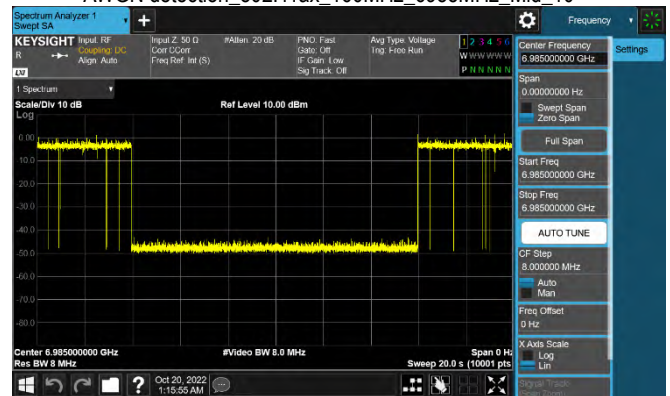
AWGN detection_802.11ax_160MHz_6985MHz_Mid_09



AWGN detection_802.11ax_160MHz_6985MHz_Mid_07



AWGN detection_802.11ax_160MHz_6985MHz_Mid_10

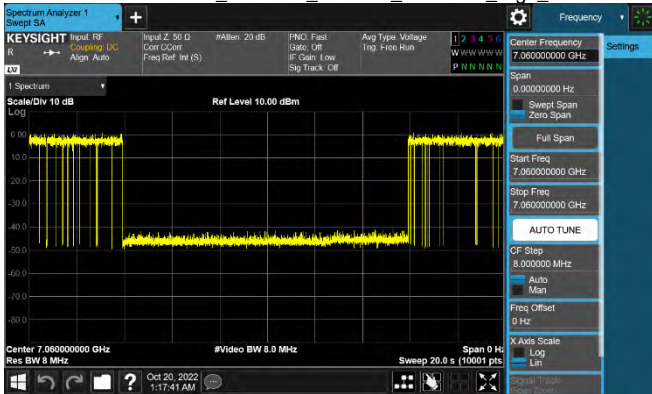


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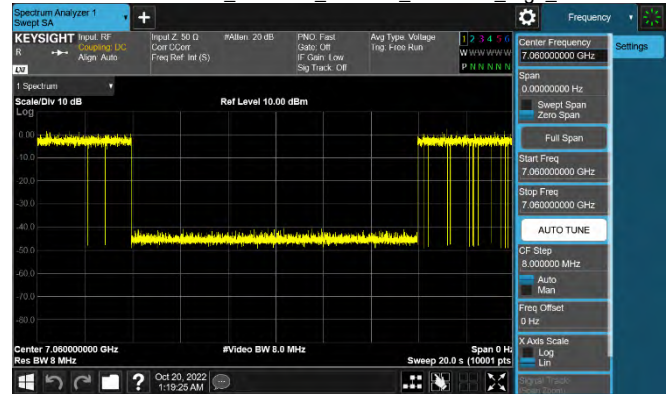
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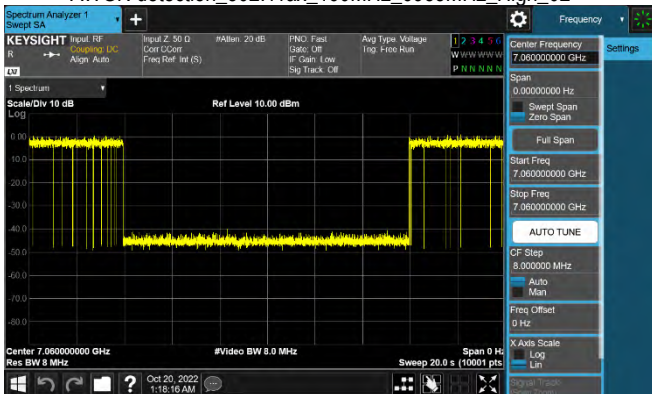
AWGN detection 802.11ax_160MHz_6985MHz_High_01



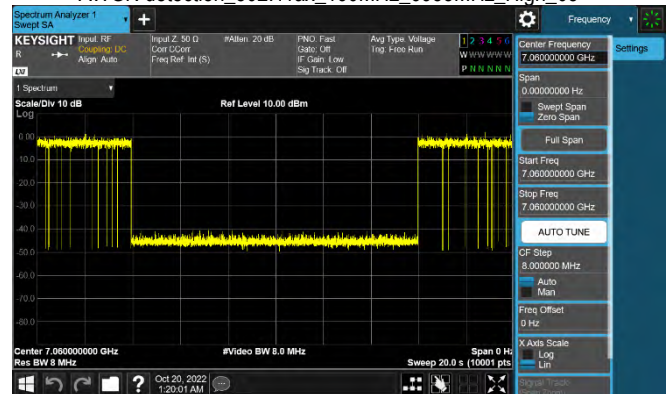
AWGN detection 802.11ax_160MHz_6985MHz_High_04



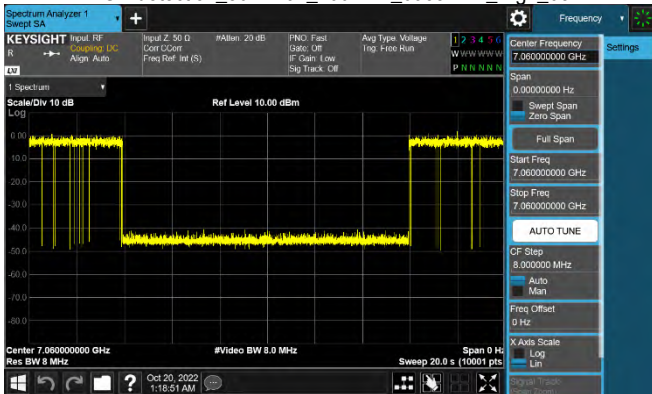
AWGN detection_802.11ax_160MHz_6985MHz_High_02



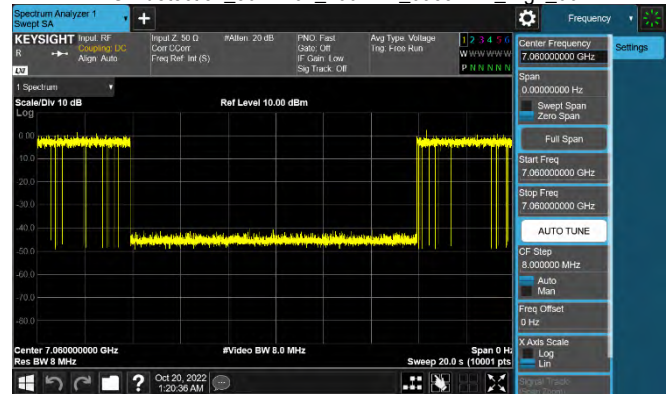
AWGN detection_802.11ax_160MHz_6985MHz_High_05



AWGN detection 802.11ax_160MHz_6985MHz_High_03



AWGN detection 802.11ax_160MHz_6985MHz_High_06

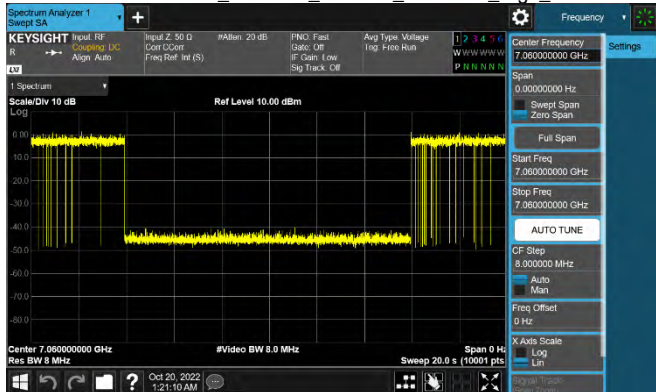


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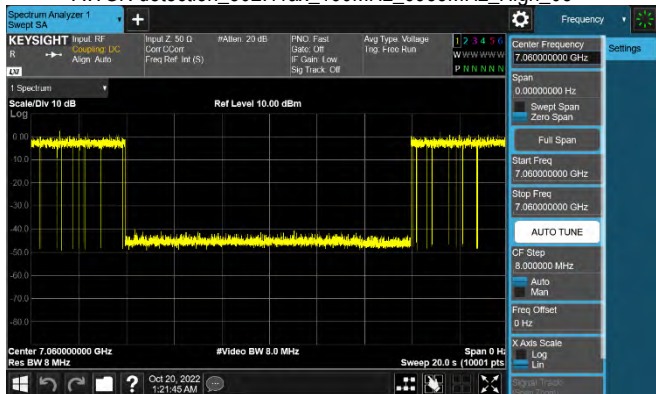
AWGN detection 802.11ax_160MHz_6985MHz_High_07



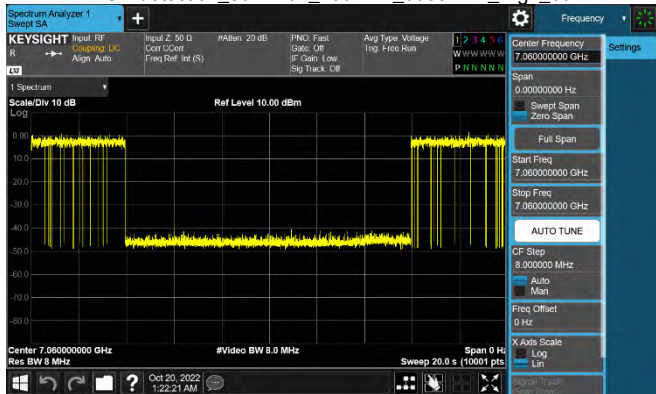
AWGN detection 802.11ax_160MHz_6985MHz_High_10



AWGN detection_802.11ax_160MHz_6985MHz_High_08



AWGN detection 802.11ax_160MHz_6985MHz_High_09



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13.4.2 CBP_Threshold_Level

Contention Based Protocol Threshold Level Verify									
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected AWGN (dBm)	Antenna Gain (dBi)	Path Loss (dB)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status
802.11ax HE20	5	6135	6135	-67.59	-0.41	0	-67.18	-62	Ceased
			6135	-70.59	-0.41	0	-70.18	-62	Minimal
			6135	-71.59	-0.41	0	-71.18	-62	Normal
802.11ax HE160	5	6185	6110	-70.63	-0.41	0	-70.22	-62	Ceased
			6110	-73.63	-0.41	0	-73.22	-62	Minimal
			6110	-74.63	-0.41	0	-74.22	-62	Normal
			6185	-67.61	-0.41	0	-67.20	-62	Ceased
			6185	-70.61	-0.41	0	-70.20	-62	Minimal
			6185	-71.61	-0.41	0	-71.20	-62	Normal
			6260	-73.64	-0.41	0	-73.23	-62	Ceased
			6260	-76.64	-0.41	0	-76.23	-62	Minimal
			6260	-77.64	-0.41	0	-77.23	-62	Normal

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Contention Based Protocol Threshold Level Verify								
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected AWGN (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status
802.11ax HE20	6	6455	6455	-67.65	-0.41	-67.24	-62	Ceased
			6455	-70.65	-0.41	-70.24	-62	Minimal
			6455	-71.65	-0.41	-71.24	-62	Normal
802.11ax HE160	6	6505	6430	-73.61	-0.41	-73.20	-62	Ceased
			6430	-76.61	-0.41	-76.20	-62	Minimal
			6430	-77.61	-0.41	-77.20	-62	Normal
			6505	-73.64	-0.41	-73.23	-62	Ceased
			6505	-76.64	-0.41	-76.23	-62	Minimal
			6505	-77.64	-0.41	-77.23	-62	Normal
			6580	-73.53	-0.41	-73.12	-62	Ceased
			6580	-76.53	-0.41	-76.12	-62	Minimal
			6580	-77.53	-0.41	-77.12	-62	Normal

Contention Based Protocol Threshold Level Verify									
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected AWGN (dBm)	Antenna Gain (dBi)	Path Loss (dB)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status
802.11ax HE20	7	6695	6695	-67.64	-0.41	0	-67.23	-62	Ceased
			6695	-70.64	-0.41	0	-70.23	-62	Minimal
			6695	-71.64	-0.41	0	-71.23	-62	Normal
802.11ax HE160	7	6665	6590	-70.57	-0.41	0	-70.16	-62	Ceased
			6590	-73.57	-0.41	0	-73.16	-62	Minimal
			6590	-74.57	-0.41	0	-74.16	-62	Normal
			6665	-70.58	-0.41	0	-70.17	-62	Ceased
			6665	-73.58	-0.41	0	-73.17	-62	Minimal
			6665	-74.58	-0.41	0	-74.17	-62	Normal
			6740	-73.54	-0.41	0	-73.13	-62	Ceased
			6740	-76.54	-0.41	0	-76.13	-62	Minimal
			6740	-77.54	-0.41	0	-77.13	-62	Normal

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Contention Based Protocol Threshold Level Verify									
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected AWGN (dBm)	Antenna Gain (dBi)	Path Loss (dB)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status
802.11ax HE20	8	7015	7015	-66.52	-0.41	0	-66.11	-62	Ceased
			7015	-67.52	-0.41	0	-67.11	-62	Minimal
			7015	-68.52	-0.41	0	-68.11	-62	Normal
802.11ax HE160	8	6985	6910	-67.61	-0.41	0	-67.20	-62	Ceased
			6910	-70.61	-0.41	0	-70.20	-62	Minimal
			6910	-71.61	-0.41	0	-71.20	-62	Normal
			6985	-67.68	-0.41	0	-67.27	-62	Ceased
			6985	-70.68	-0.41	0	-70.27	-62	Minimal
			6985	-73.68	-0.41	0	-73.27	-62	Normal
			7060	-70.56	-0.41	0	-70.15	-62	Ceased
			7060	-73.56	-0.41	0	-73.15	-62	Minimal
			7060	-74.56	-0.41	0	-74.15	-62	Normal

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Contention Based Protocol Threshold Level Verify									
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected AWGN (dBm)	Antenna Gain (dBi)	Path Loss (dB)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status
802.11ax HE20	5	6135	6135	-67.59	-0.41	0	-67.18	-62	Ceased
			6135	-70.59	-0.41	0	-70.18	-62	Minimal
			6135	-71.59	-0.41	0	-71.18	-62	Normal
802.11ax HE160	5	6185	6110	-70.63	-0.41	0	-70.22	-62	Ceased
			6110	-73.63	-0.41	0	-73.22	-62	Minimal
			6110	-74.63	-0.41	0	-74.22	-62	Normal
			6185	-67.61	-0.41	0	-67.20	-62	Ceased
			6185	-70.61	-0.41	0	-70.20	-62	Minimal
			6185	-71.61	-0.41	0	-71.20	-62	Normal
			6260	-73.64	-0.41	0	-73.23	-62	Ceased
			6260	-76.64	-0.41	0	-76.23	-62	Minimal
			6260	-77.64	-0.41	0	-77.23	-62	Normal

Contention Based Protocol Threshold Level Verify									
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected AWGN (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status	
802.11ax HE20	6	6455	6455	-67.65	-0.41	-67.24	-62	Ceased	
			6455	-70.65	-0.41	-70.24	-62	Minimal	
			6455	-71.65	-0.41	-71.24	-62	Normal	
802.11ax HE160	6	6505	6430	-73.61	-0.41	-73.20	-62	Ceased	
			6430	-76.61	-0.41	-76.20	-62	Minimal	
			6430	-77.61	-0.41	-77.20	-62	Normal	
			6505	-73.64	-0.41	-73.23	-62	Ceased	
			6505	-76.64	-0.41	-76.23	-62	Minimal	
			6505	-77.64	-0.41	-77.23	-62	Normal	
			6580	-73.53	-0.41	-73.12	-62	Ceased	
			6580	-76.53	-0.41	-76.12	-62	Minimal	
			6580	-77.53	-0.41	-77.12	-62	Normal	

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Contention Based Protocol Threshold Level Verify									
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected AWGN (dBm)	Antenna Gain (dBi)	Path Loss (dB)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status
802.11ax HE20	7	6695	6695	-67.64	-0.41	0	-67.23	-62	Ceased
			6695	-70.64	-0.41	0	-70.23	-62	Minimal
			6695	-71.64	-0.41	0	-71.23	-62	Normal
802.11ax HE160	7	6665	6590	-70.57	-0.41	0	-70.16	-62	Ceased
			6590	-73.57	-0.41	0	-73.16	-62	Minimal
			6590	-74.57	-0.41	0	-74.16	-62	Normal
			6665	-70.58	-0.41	0	-70.17	-62	Ceased
			6665	-73.58	-0.41	0	-73.17	-62	Minimal
			6665	-74.58	-0.41	0	-74.17	-62	Normal
			6740	-73.54	-0.41	0	-73.13	-62	Ceased
			6740	-76.54	-0.41	0	-76.13	-62	Minimal
			6740	-77.54	-0.41	0	-77.13	-62	Normal
Contention Based Protocol Threshold Level Verify									
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected AWGN (dBm)	Antenna Gain (dBi)	Path Loss (dB)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status
802.11ax HE20	8	7015	7015	-66.52	-0.41	0	-66.11	-62	Ceased
			7015	-67.52	-0.41	0	-67.11	-62	Minimal
			7015	-68.52	-0.41	0	-68.11	-62	Normal
802.11ax HE160	8	6985	6910	-67.61	-0.41	0	-67.20	-62	Ceased
			6910	-70.61	-0.41	0	-70.20	-62	Minimal
			6910	-71.61	-0.41	0	-71.20	-62	Normal
			6985	-67.68	-0.41	0	-67.27	-62	Ceased
			6985	-70.68	-0.41	0	-70.27	-62	Minimal
			6985	-73.68	-0.41	0	-73.27	-62	Normal
			7060	-70.56	-0.41	0	-70.15	-62	Ceased
			7060	-73.56	-0.41	0	-73.15	-62	Minimal
			7060	-74.56	-0.41	0	-74.15	-62	Normal

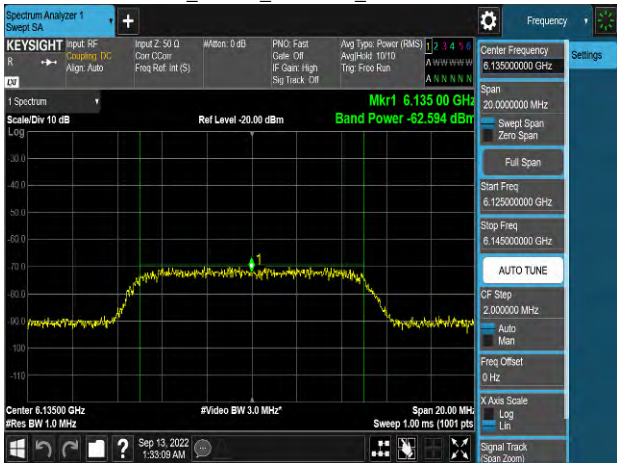
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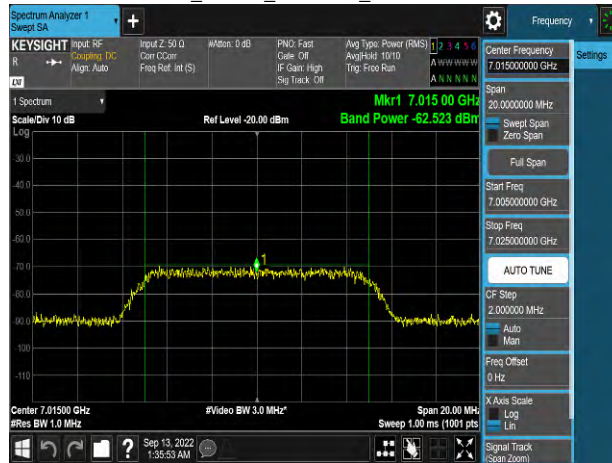
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13.4.3 Incumbent_signal

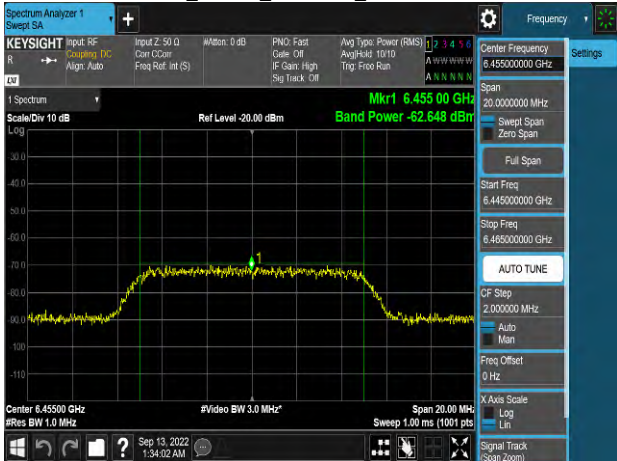
802.11ax_20MHz_6135MHz_AWGN:6135MHz



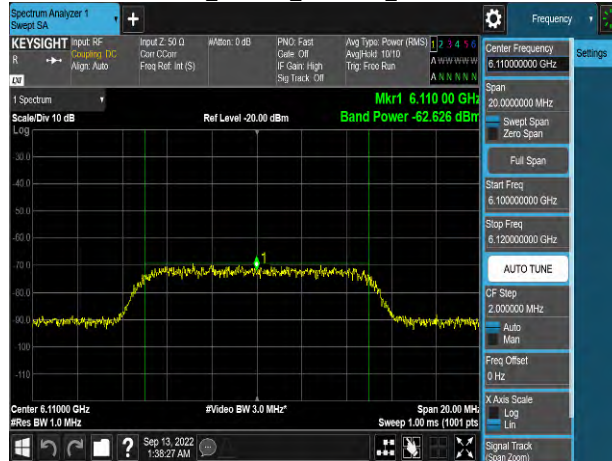
802.11ax_20MHz_7015MHz_AWGN:7015MHz



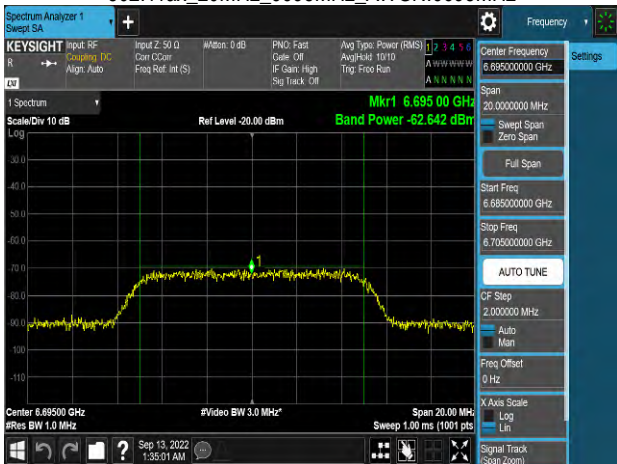
802.11ax_20MHz_6455MHz_AWGN:6455MHz



802.11ax_160MHz_6185MHz_AWGN:6110



802.11ax_20MHz_6695MHz_AWGN:6695MHz



802.11ax_160MHz_6185MHz_AWGN:6185MHz

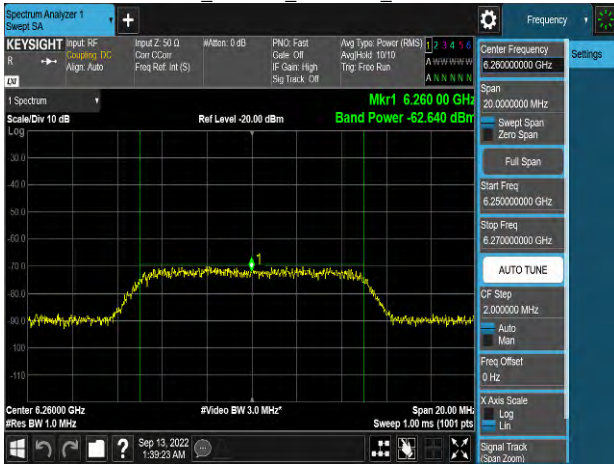


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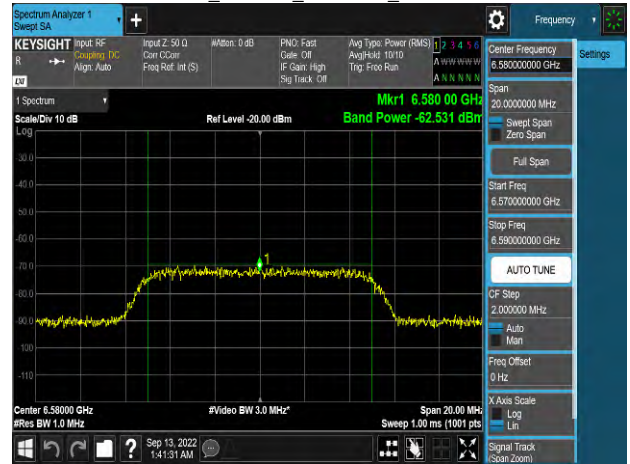
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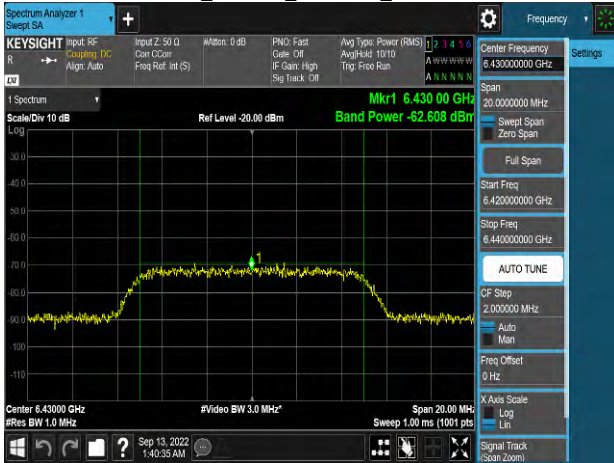
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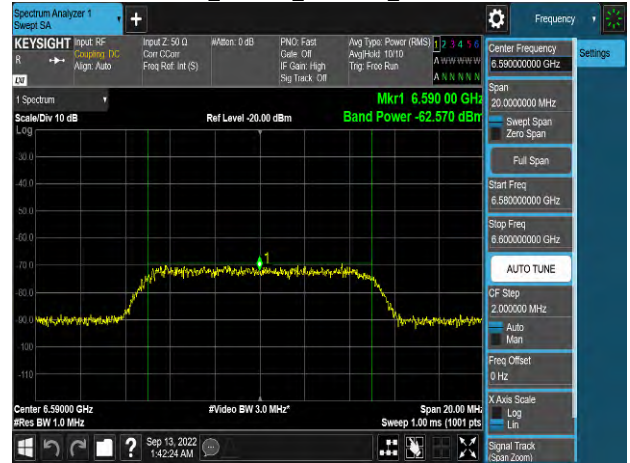
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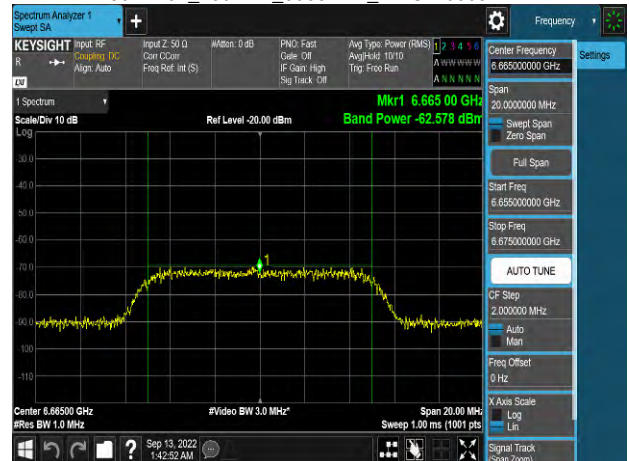
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802.11ax_160MHz_6505MHz_AWGN:6505MHz



802.11ax_160MHz_6665MHz_AWGN:6665MHz

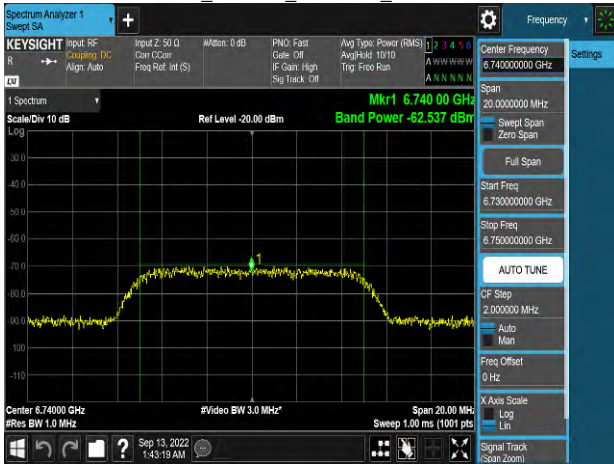


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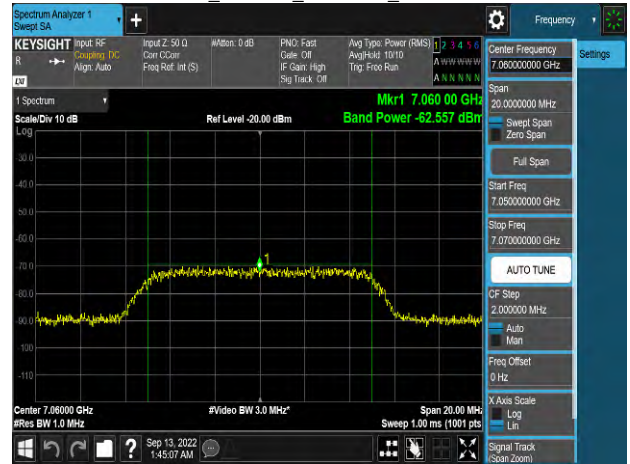
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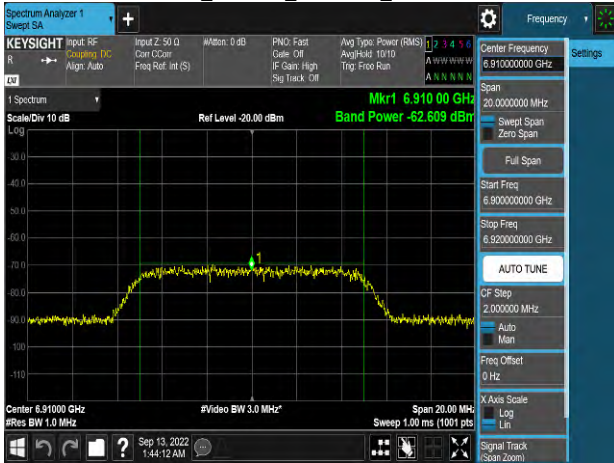
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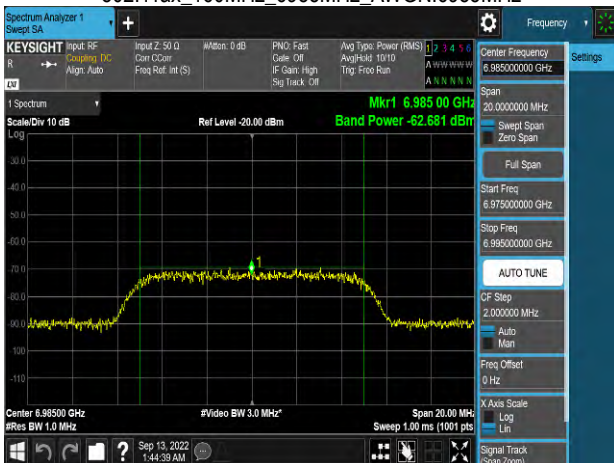
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802.11ax_160MHz_6985MHz_AWGN:6910



802.11ax_160MHz_6985MHz_AWGN:6985MHz



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14 TRANSMISSION IN THE ABSENCE OF DATA

14.1 Standard Applicable

According to §15.407(c)

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

14.2 Result

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ASK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

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15 ANTENNA REQUIREMENT

15.1 Standard Applicable

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 shall be considered sufficient to comply with the provisions of this section. 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. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

15.2 Antenna Connected Construction

The antenna complies with this requirement and no consideration of replacement. Please see EUT photo for details.

~ End of Report ~

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