



Appendix I. Contention Based Protocol

Contention Based Protocol Measurement											
U-NII-5 Band		Measurement Mode : Conducted measurement(dBm)				at the antenna connector					
		Device Type : Indoor Client				Antenna Gain : 1.52 dBi					
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Threshold Level (dBm)	Channel Number	Channel Frequency (MHz)	Test Result					
						AWGN Signal Frequency (MHz)	Numaxr of Times	Numaxr of Detected	Detection Rate	Limit	Pass/Fail
U-NII 5	802.11ax	20	-77.69	33	6115	6115	10	10	100.00%	90%	Pass
		160	-72.58	47	6185	6110	10	9	90.00%	90%	Pass
			-68.57			6185	10	9	90.00%	90%	Pass
			-73.82			6260	10	10	100.00%	90%	Pass

Lowest Interference (AWGN) Level Check										
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected(AWGN) power (dBm)	Antenna Gain (dBi)	Threshold Level (dBm)	Detection Limit (dBm)	EUT TX Status
U-NII 5	802.11ax	20	33	6115	6115	-76.15	1.54	-77.69	-62	Ceased
						-77.15		-78.69	-62	Minimal
						-78.15		-79.69	-62	Normal
		160	47	6185	6110	-71.04	1.54	-72.58	-62	Ceased
						-72.04		-73.58	-62	Minimal
						-73.04		-74.58	-62	Normal
					6185	-67.03	1.54	-68.57	-62	Ceased
						-68.03		-69.57	-62	Minimal
						-69.03		-70.57	-62	Normal
					6260	-72.28	1.54	-73.82	-62	Ceased
						-73.28		-74.82	-62	Minimal
						-74.28		-75.82	-62	Normal



Contention Based Protocol Measurement

U-NII-6 Band		Measurement Mode : Conducted measurement(dBm)				at the antenna connector					
		Device Type : Indoor Client				Antenna Gain : 1.52 dBi					
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Threshold Level (dBm)	Channel Number	Channel Frequency (MHz)	Test Result					
						AWGN Signal Frequency (MHz)	Numaxr of Times	Numaxr of Detected	Detection Rate	Limit	Pass/Fail
U-NII 6	802.11ax	20	-72.64	101	6455	6455	10	10	100.00%	90%	Pass
		160	-68.7	111	6505	6430	10	9	90.00%	90%	Pass
			-69.7			6505	10	9	90.00%	90%	Pass
			-73.57			6580	10	9	90.00%	90%	Pass

Lowest Interference (AWGN) Level Check

Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected(AWGN) power (dBm)	Antenna Gain (dBi)	Threshold Level (dBm)	Detection Limit (dBm)	EUT TX Status
U-NII 6	802.11ax	20	101	6455	6455	-71.1	1.54	-72.64	-62	Ceased
						-72.1		-73.64	-62	Minimal
						-73.1		-74.64	-62	Normal
		160	111	6505	6430	-67.16	1.54	-68.7	-62	Ceased
						-68.16		-69.7	-62	Minimal
						-69.16		-70.7	-62	Normal
					6505	-68.16	1.54	-69.7	-62	Ceased
						-69.16		-70.7	-62	Minimal
						-70.16		-71.7	-62	Normal
					6580	-72.03	1.54	-73.57	-62	Ceased
						-73.03		-74.57	-62	Minimal
						-74.03		-75.57	-62	Normal



Contention Based Protocol Measurement

U-NII-7 Band		Measurement Mode : Conducted measurement(dBm)				at the antenna connector					
		Device Type : Indoor Client				Antenna Gain : 1.52 dBi					
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Threshold Level (dBm)	Channel Number	Channel Frequency (MHz)	Test Result					
						AWGN Signal Frequency (MHz)	Numaxr of Times	Numaxr of Detected	Detection Rate	Limit	Pass/Fail
U-NII 7	802.11ax	20	-70.79	133	6615	6615	10	10	100.00%	90%	Pass
		160	-67.76	143	6665	6590	10	10	100.00%	90%	Pass
			-67.65			6665	10	10	100.00%	90%	Pass
			-66.73			6740	10	9	90.00%	90%	Pass

Lowest Interference (AWGN) Level Check

Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected(AWGN) power (dBm)	Antenna Gain (dBi)	Threshold Level (dBm)	Detection Limit (dBm)	EUT TX Status
U-NII 7	802.11ax	20	133	6615	6615	-69.25	1.54	-70.79	-62	Ceased
						-70.25		-71.79	-62	Minimal
						-71.25		-72.79	-62	Normal
		160	143	6665	6590	-66.22	1.54	-67.76	-62	Ceased
						-67.22		-68.76	-62	Minimal
						-68.22		-69.76	-62	Normal
					6665	-66.11	1.54	-67.65	-62	Ceased
						-67.11		-68.65	-62	Minimal
						-68.11		-69.65	-62	Normal
					6740	-65.19	1.54	-66.73	-62	Ceased
						-66.19		-67.73	-62	Minimal
						-67.19		-68.73	-62	Normal



Contention Based Protocol Measurement

U-NII-8 Band		Measurement Mode : Conducted measurement(dBm)				at the antenna connector					
		Device Type : Indoor Client				Antenna Gain : 1.52 dBi					
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Threshold Level (dBm)	Channel Number	Channel Frequency (MHz)	Test Result					
						AWGN Signal Frequency (MHz)	Numaxr of Times	Numaxr of Detected	Detection Rate	Limit	Pass/Fail
U-NII 8	802.11ax	20	-72.77	197	6935	7015	10	10	100.00%	90%	Pass
		160	-71.62	207	6985	6910	10	10	100.00%	90%	Pass
			-68.65			6985	10	9	90.00%	90%	Pass
			-72.75			7060	10	9	90.00%	90%	Pass

Lowest Interference (AWGN) Level Check

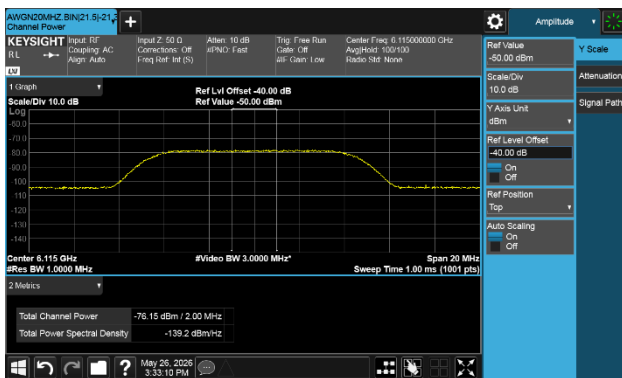
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected(AWGN) power (dBm)	Antenna Gain (dBi)	Threshold Level (dBm)	Detection Limit (dBm)	EUT TX Status
U-NII 8	802.11ax	20	197	6935	6935	-71.23	1.54	-72.77	-62	Ceased
						-72.23		-73.77	-62	Minimal
						-73.23		-74.77	-62	Normal
		160	207	6985	6910	-70.08	1.54	-71.62	-62	Ceased
						-71.08		-72.62	-62	Minimal
						-72.08		-73.62	-62	Normal
					6985	-67.11	1.54	-68.65	-62	Ceased
						-68.11		-69.65	-62	Minimal
						-69.11		-70.65	-62	Normal
					7060	-71.21	1.54	-72.75	-62	Ceased
						-72.21		-73.75	-62	Minimal
						-73.21		-74.75	-62	Normal



U-NII-5

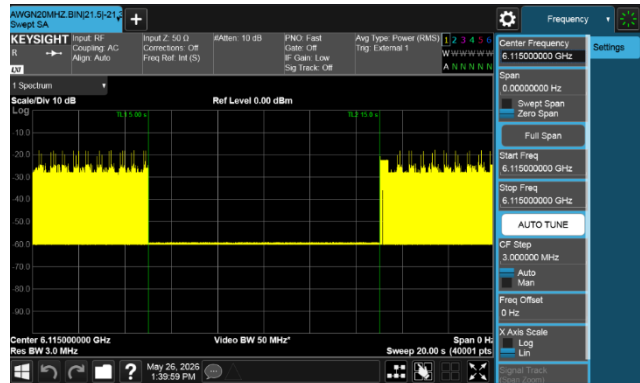
Frequency (MHz): CH33 6115MHz (20M)

Measured Detection level



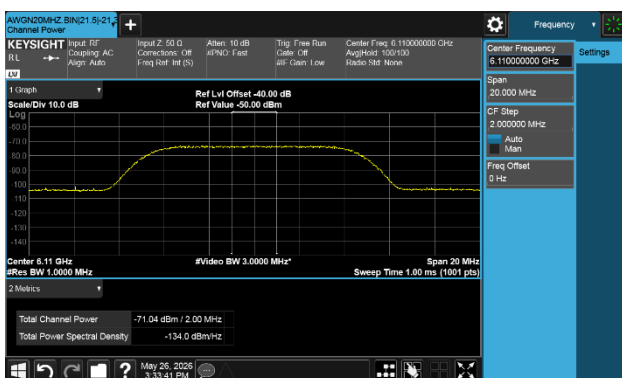
Frequency (MHz): CH33 6115MHz (20M)

Test result is pass due to no transmission occur



Frequency (MHz): CH47 6110 MHz (160M)

Measured Detection level



Frequency (MHz): CH47 6110 MHz (160M)

Test result is pass due to no transmission occur

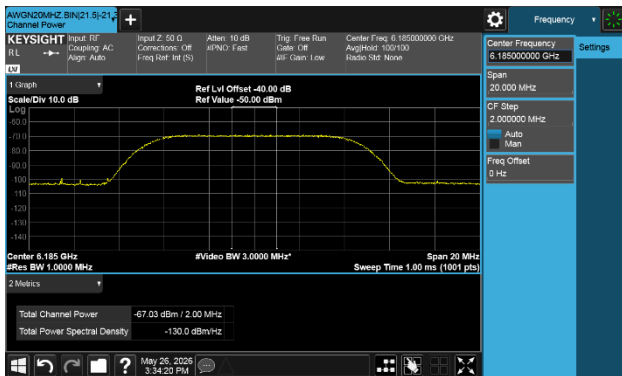




U-NII-5

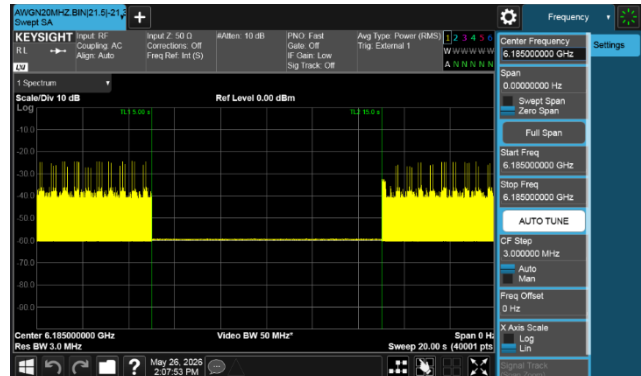
Frequency (MHz): CH47 6185MHz (160M)

Measured Detection level



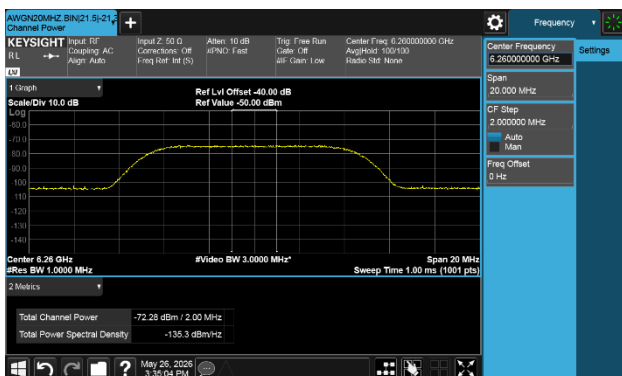
Frequency (MHz): CH47 6185MHz (160M)

Test result is pass due to no transmission occur



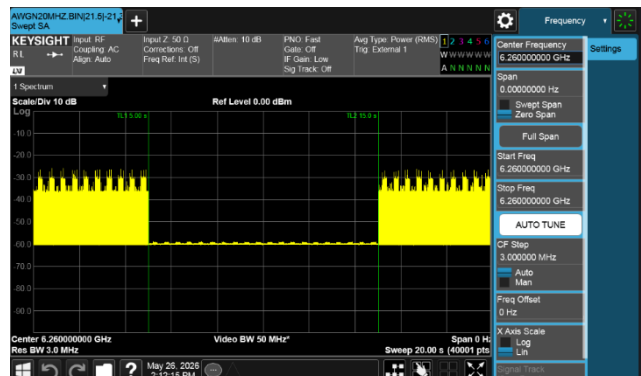
Frequency (MHz): CH47 6260MHz (160M)

Measured Detection level



Frequency (MHz): CH47 6260MHz (160M)

Test result is pass due to no transmission occur





U-NII-6

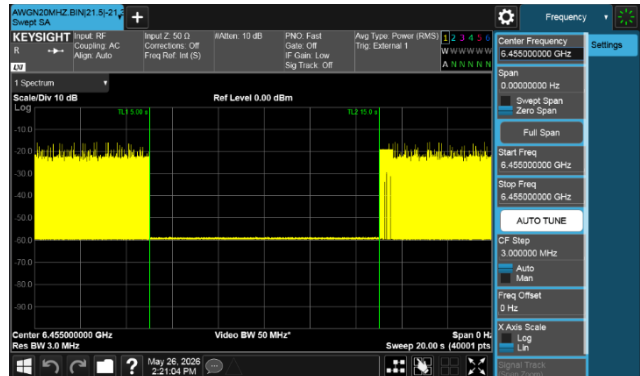
Frequency (MHz): CH101 6455MHz (20M)

Measured Detection level



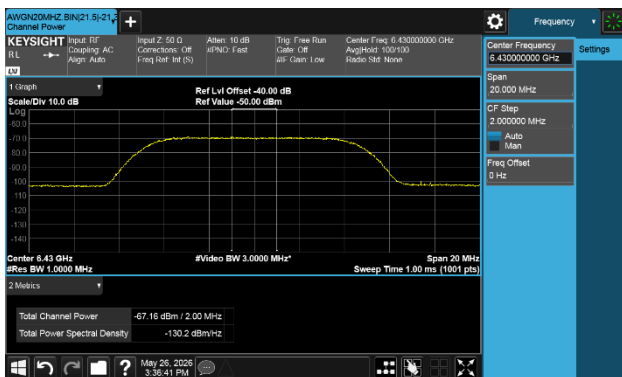
Frequency (MHz): CH101 6455MHz (20M)

Test result is pass due to no transmission occur



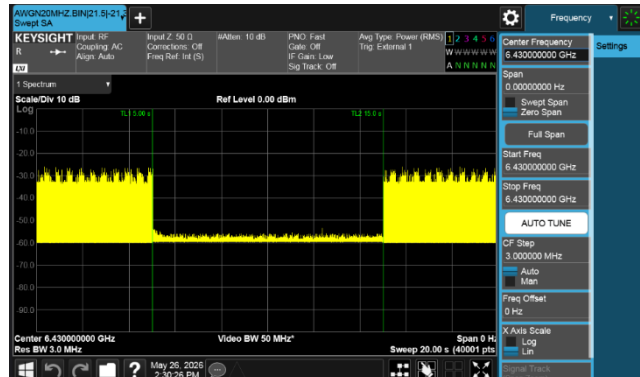
Frequency (MHz): CH111 6430MHz (160M)

Measured Detection level



Frequency (MHz): CH111 6430MHz (160M)

Test result is pass due to no transmission occur

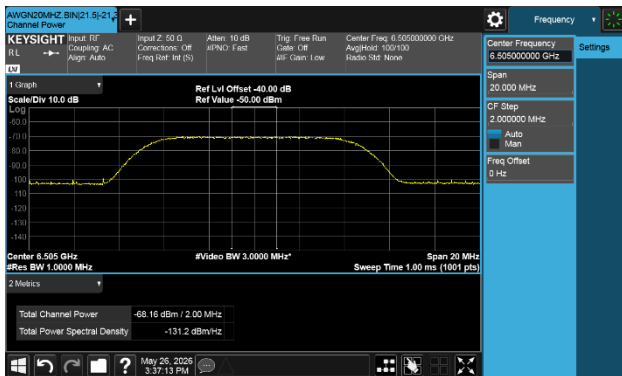




U-NII-6

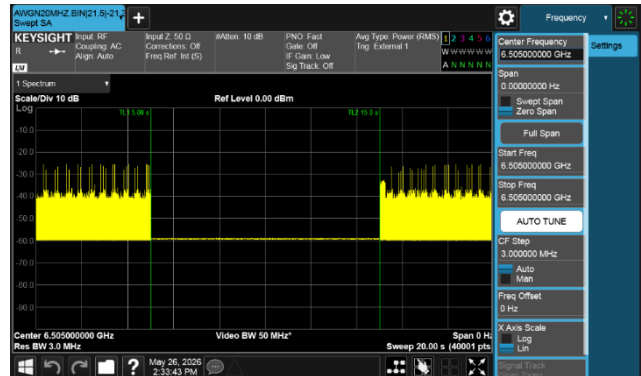
Frequency (MHz): CH111 6505MHz (160M)

Measured Detection level



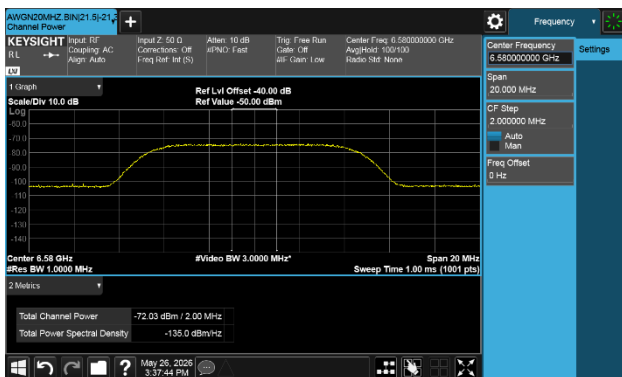
Frequency (MHz): CH111 6505MHz (160M)

Test result is pass due to no transmission occur



Frequency (MHz): CH111 6580MHz (160M)

Measured Detection level



Frequency (MHz): CH111 6580MHz (160M)

Test result is pass due to no transmission occur





U-NII-7

Frequency (MHz): CH133 6615MHz (20M)

Measured Detection level



Frequency (MHz): CH133 6615MHz (20M)

Test result is pass due to no transmission occur



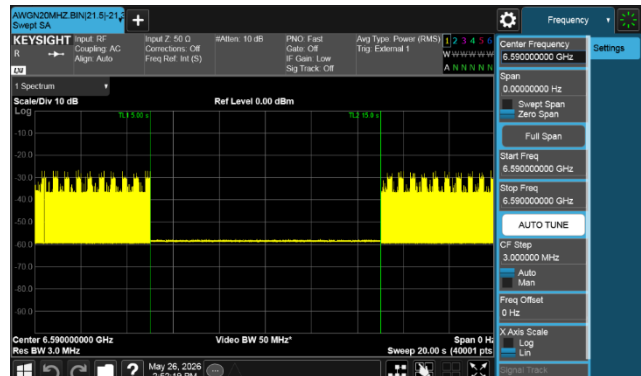
Frequency (MHz): CH143 6590MHz (160M)

Measured Detection level



Frequency (MHz): CH143 6590MHz (160M)

Test result is pass due to no transmission occur

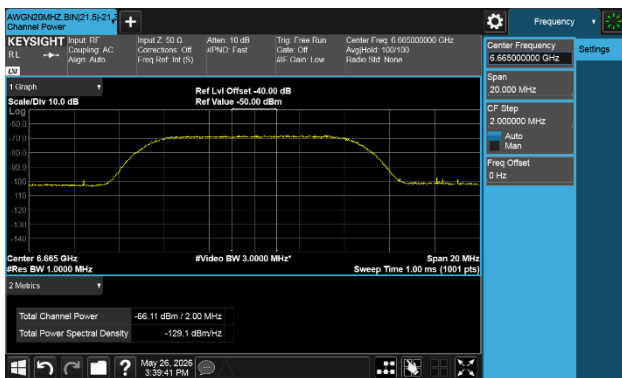




U-NII-7

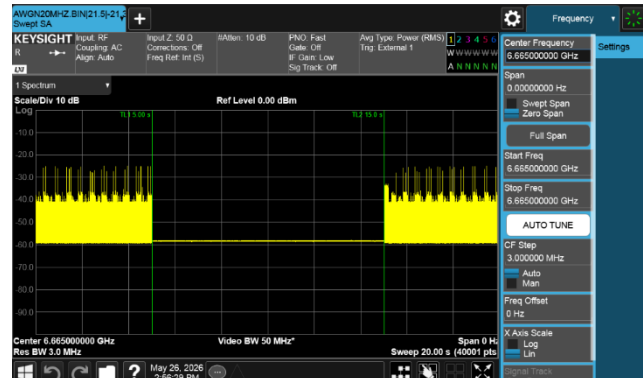
Frequency (MHz) : CH143 6665MHz (160M)

Measured Detection level



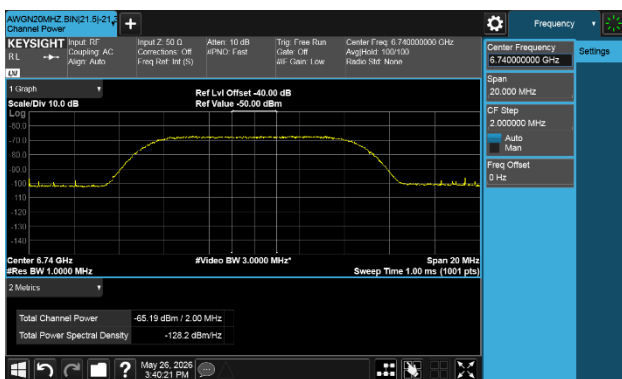
Frequency (MHz): CH143 6665MHz (160M)

Test result is pass due to no transmission occur



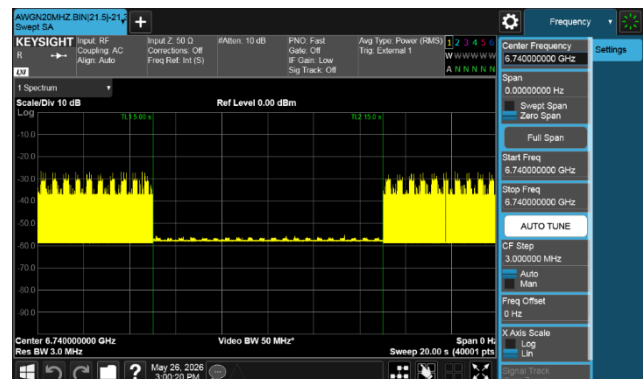
Frequency (MHz): CH143 6740MHz (160M)

Measured Detection level



Frequency (MHz): CH143 6740MHz (160M)

Test result is pass due to no transmission occur

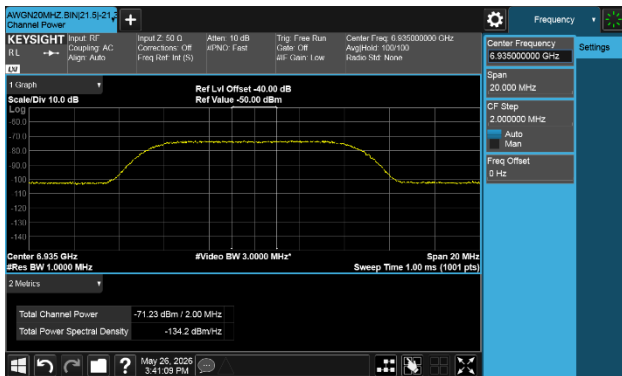




U-NII-8

Frequency (MHz): CH197 6935MHz (20M)

Measured Detection level



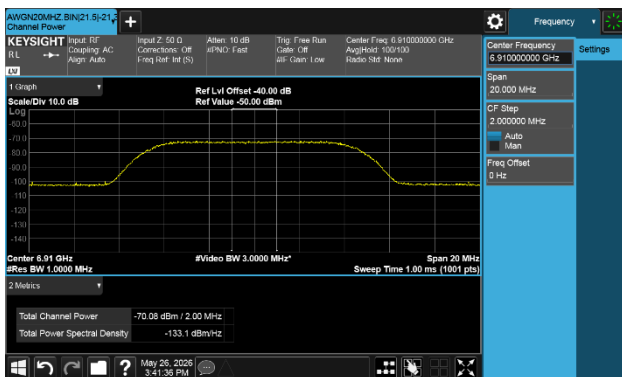
Frequency (MHz): CH197 6935MHz (20M)

Test result is pass due to no transmission occur



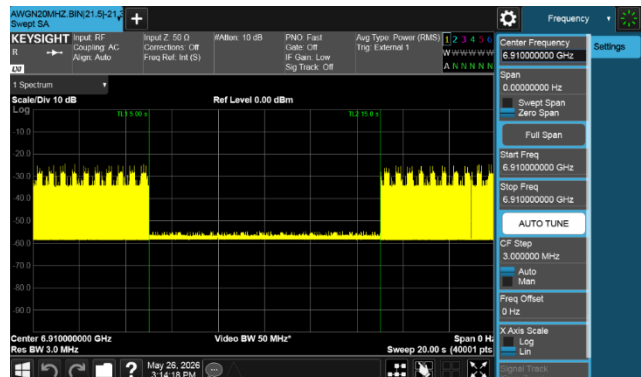
Frequency (MHz): CH207 6910MHz (160M)

Measured Detection level



Frequency (MHz): CH207 6910MHz (160M)

Test result is pass due to no transmission occur





U-NII-8

Frequency (MHz): CH207 6985MHz (160M)

Measured Detection level



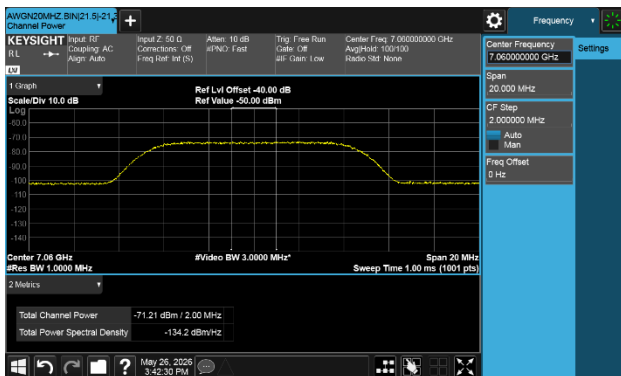
Frequency (MHz): CH207 6985MHz (160M)

Test result is pass due to no transmission occur



Frequency (MHz): CH207 7060MHz (160M)

Measured Detection level



Frequency (MHz): CH207 7060MHz (160M)

Test result is pass due to no transmission occur

