Appendix I. Contention Based Protocol

1.1. Test Result and Data

For 25110183-TRFCC06

Device Type：		at the antenna connector		
UNII Band	U-NII 5	Anttenna Gain :	1.13	dBi
	U-NII 6	Anttenna Gain :	1.13	dBi
	U-NII 7	Anttenna Gain :	1.13	dBi
	U-NII 8	Anttenna Gain :	1.13	dBi

U-NII-5 Band

Contention Based Protocol Measurement											
Operation Band	Operation Mode	Channel Bandwidth (MHz)	The Incumbent Signal (AWGN) Level (dBm)	Channel Number	Channel Frequency (MHz)	Test Result					
						AWGN Signal Frequency (MHz)	Number of Times	Number of Detected	Detection Rate	Limit	Pass/Fail
U-NII 5	802.11ax	20MHz	-75.22	33	6115	6115	10	10	100.00%	90%	Pass
		160MHz	-75.26	47	6185	6110	10	9	90.00%	90%	Pass
			-70.21			6185	10	10	100.00%	90%	Pass
			-76.28			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	20MHz	33	6115	6115	-74.09	1.13	-75.22	-62	Ceased
						-75.09		-76.22	-62	Minimal
						-76.09		-77.22	-62	Normal
		160MHz	47	6185	6110	-74.13	1.13	-75.26	-62	Ceased
						-75.13		-76.26	-62	Minimal
						-76.13		-77.26	-62	Normal
					6185	-69.08	1.13	-70.21	-62	Ceased
						-70.08		-71.21	-62	Minimal
						-71.08		-72.21	-62	Normal
					6260	-75.15	1.13	-76.28	-62	Ceased
						-76.15		-77.28	-62	Minimal
						-77.15		-78.28	-62	Normal

U-NII-6 Band

Contention Based Protocol Measurement											
Operation Band	Operation Mode	Channel Bandwidth (MHz)	The Incumbent Signal (AWGN) Level (dBm)	Channel Number	Channel Frequency (MHz)	Test Result					
						AWGN Signal Frequency (MHz)	Number of Times	Number of Detected	Detection Rate	Limit	Pass/Fail
U-NII 6	802.11ax	20MHz	-75.3	97	6435	6435	10	9	90.00%	90%	Pass
		160MHz	-75.22	111	6505	6430	10	10	100.00%	90%	Pass
			-71.27			6505	10	10	100.00%	90%	Pass
			-76.14			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	20MHz	97	6435	6435	-74.17	1.13	-75.3	-62	Ceased
						-75.17		-76.3	-62	Minimal
						-76.17		-77.3	-62	Normal
		160MHz	111	6505	6430	-74.09	1.13	-75.22	-62	Ceased
						-75.09		-76.22	-62	Minimal
						-76.09		-77.22	-62	Normal
					6505	-70.14	1.13	-71.27	-62	Ceased
						-71.14		-72.27	-62	Minimal
						-72.14		-73.27	-62	Normal
					6580	-75.01	1.13	-76.14	-62	Ceased
						-76.01		-77.14	-62	Minimal
						-77.01		-78.14	-62	Normal

U-NII-7 Band

Contention Based Protocol Measurement											
Operation Band	Operation Mode	Channel Bandwidth (MHz)	The Incumbent Signal (AWGN) Level (dBm)	Channel Number	Channel Frequency (MHz)	Test Result					
						AWGN Signal Frequency (MHz)	Number of Times	Number of Detected	Detection Rate	Limit	Pass/Fail
U-NII 7	802.11ax	20MHz	-75.19	153	6715	6715	10	9	90.00%	90%	Pass
		160MHz	-74.23	143	6665	6590	10	9	90.00%	90%	Pass
			-70.2			6665	10	10	100.00%	90%	Pass
			-70.39			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	20MHz	153	6715	6715	-74.06	1.13	-75.19	-62	Ceased
						-75.06		-76.19	-62	Minimal
						-76.06		-77.19	-62	Normal
		160MHz	143	6665	6590	-73.1	1.13	-74.23	-62	Ceased
						-74.1		-75.23	-62	Minimal
						-75.1		-76.23	-62	Normal
					6665	-69.07	1.13	-70.2	-62	Ceased
						-70.07		-71.2	-62	Minimal
						-71.07		-72.2	-62	Normal
					6740	-69.26	1.13	-70.39	-62	Ceased
						-70.26		-71.39	-62	Minimal
						-71.26		-72.39	-62	Normal

U-NII-8 Band

Contention Based Protocol Measurement											
Operation Band	Operation Mode	Channel Bandwidth (MHz)	The Incumbent Signal (AWGN) Level (dBm)	Channel Number	Channel Frequency (MHz)	Test Result					
						AWGN Signal Frequency (MHz)	Number of Times	Number of Detected	Detection Rate	Limit	Pass/Fail
U-NII 8	802.11ax	20MHz	-77.21	213	7015	7015	10	9	90.00%	90%	Pass
		160MHz	-75.25	207	6985	6910	10	9	90.00%	90%	Pass
			-70.18			6985	10	9	90.00%	90%	Pass
			-76.28			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	20MHz	213	7015	7015	-76.08	1.13	-77.21	-62	Ceased
						-77.08		-78.21	-62	Minimal
						-78.08		-79.21	-62	Normal
		160MHz	207	6985	6910	-74.12	1.13	-75.25	-62	Ceased
						-75.12		-76.25	-62	Minimal
						-76.12		-77.25	-62	Normal
					6985	-69.05	1.13	-70.18	-62	Ceased
						-70.05		-71.18	-62	Minimal
						-71.05		-72.18	-62	Normal
					7060	-75.15	1.13	-76.28	-62	Ceased
						-76.15		-77.28	-62	Minimal
						-77.15		-78.28	-62	Normal

Contention Based Protocol Threshold Level Verify Plot on U-NII 5

Frequency (MHz): :CH 33 6115 MHz (20M)

Measured Detection level

Frequency (MHz): :CH 33 6115 MHz (20M)

Test result is pass due to no transmission occur

Frequency (MHz): CH 47 6110 MHz (160M)

Measured Detection level

Frequency (MHz): CH 47 6110 MHz (160M)

Test result is pass due to no transmission occur

Frequency (MHz): :CH 47 6185 MHz 160M)

Measured Detection level

Frequency (MHz): :CH 47 6185 MHz (160M)

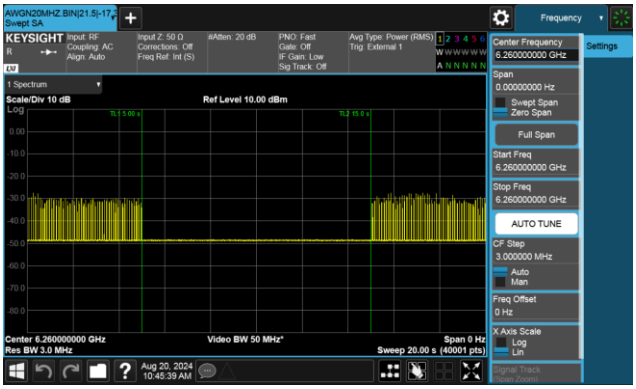
Test result is pass due to no transmission occur

Frequency (MHz): CH 47 6260 MHz (160M)

Measured Detection level

Frequency (MHz): CH 47 6260 MHz (160M)

Test result is pass due to no transmission occur



Contention Based Protocol Threshold Level Verify Plot on U-NII 6

Frequency (MHz): CH 97 6435 MHz (20M)

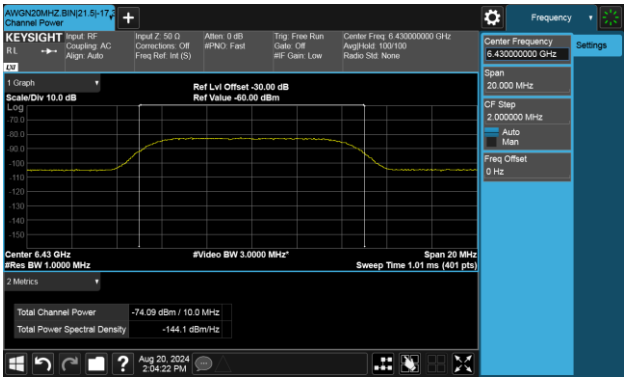
Measured Detection level

Frequency (MHz): CH 97 6435 MHz (20M)

Test result is pass due to no transmission occur

Frequency (MHz): CH 111 6430 MHz (160M)

Measured Detection level



requency (MHz): CH 111 6430 MHz (160M)

Test result is pass due to no transmission occur

Frequency (MHz): CH 111 6505 MHz (160M)

Measured Detection level

requency (MHz): CH 111 6505 MHz (160M)

Test result is pass due to no transmission occur

Frequency (MHz): CH 111 6580 MHz (160M)

Measured Detection level

requency (MHz): CH 111 6580 MHz (160M)

Test result is pass due to no transmission occur

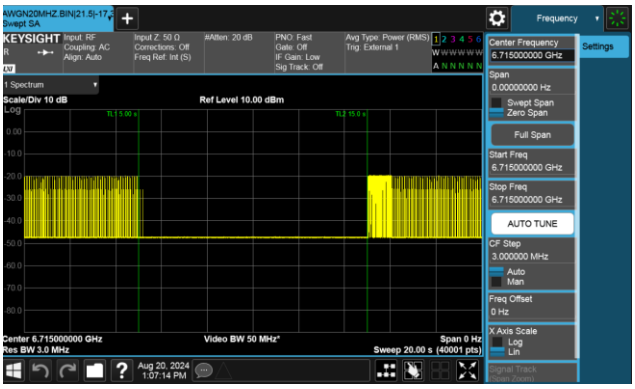
Contention Based Protocol Threshold Level Verify Plot on U-NII 7

Frequency (MHz): CH 153 6715 MHz (20M)

Measured Detection level

Frequency (MHz): CH 153 6715 MHz (20M)

Test result is pass due to no transmission occur



Frequency (MHz): CH 143 6590 MHz (160M)

Measured Detection level

Frequency (MHz): CH 143 6590 MHz (160M)

Test result is pass due to no transmission occur

Frequency (MHz): CH 143 6665 MHz (160M)

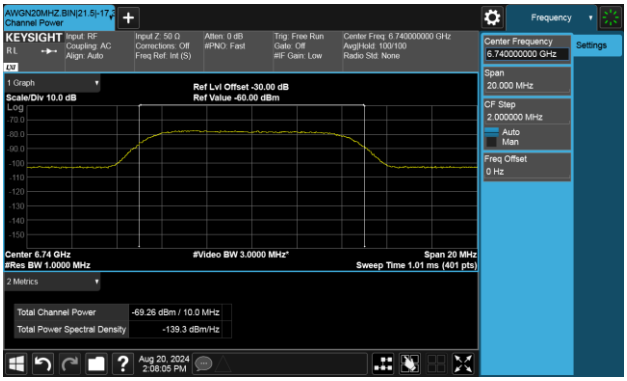
Measured Detection level

Frequency (MHz): CH 143 6665 MHz (160M)

Test result is pass due to no transmission occur

Frequency (MHz): CH 143 6740 MHz (160M)

Measured Detection level



Frequency (MHz): CH 143 6740 MHz (160M)

Test result is pass due to no transmission occur

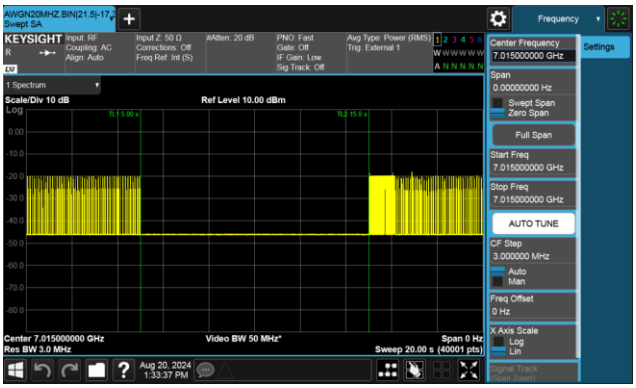
Contention Based Protocol Threshold Level Verify Plot on U-NII 8

Frequency (MHz): CH 213 7015 MHz (20M)

Measured Detection level

Frequency (MHz): CH 213 7015MHz (20M)

Test result is pass due to no transmission occur

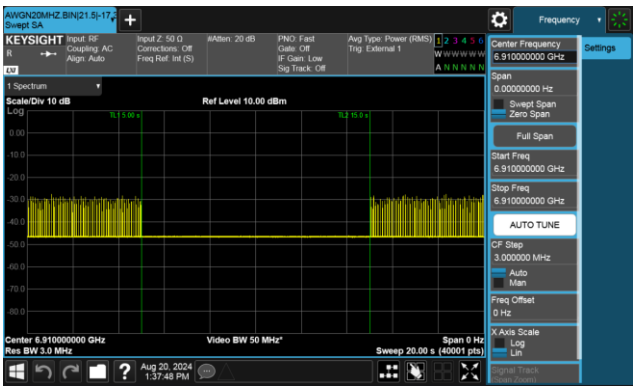


Frequency (MHz): CH 207 6910 MHz (160M)

Measured Detection level

Frequency (MHz): CH 207 6910MHz (160M)

Test result is pass due to no transmission occur

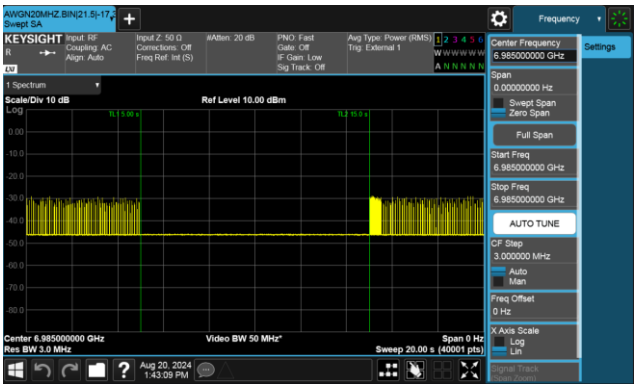


Frequency (MHz): CH 207 6985 MHz (160M)

Measured Detection level

Frequency (MHz): CH 207 6985MHz (160M)

Test result is pass due to no transmission occur



Frequency (MHz): CH 207 7060 MHz (160M)

Measured Detection level

Frequency (MHz): CH 207 7060MHz (160M)

Test result is pass due to no transmission occur

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