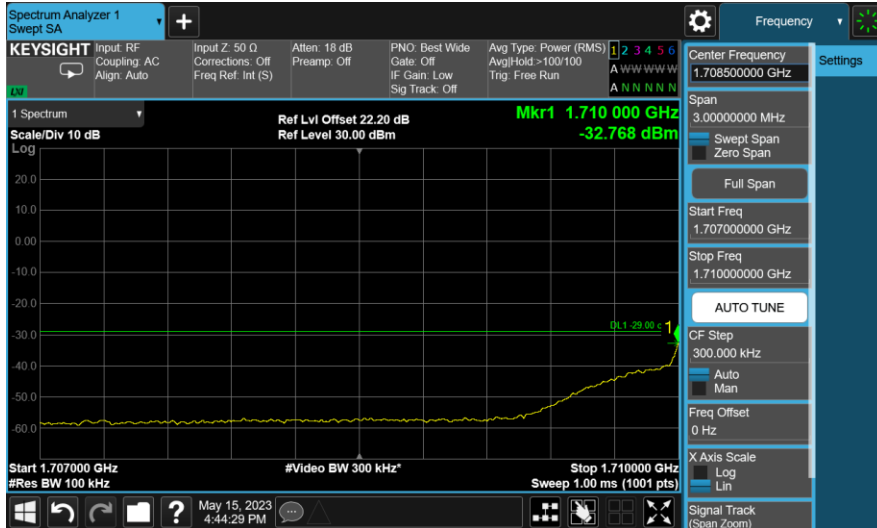


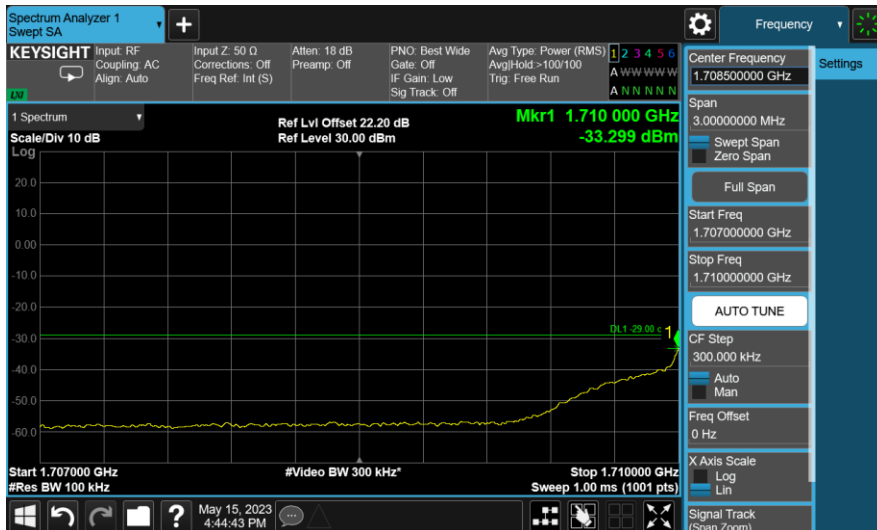
Out-of-band emissions

UL_AWS-1 Band

GSM signal input_Lower band edge_Pre-AGC



GSM signal input_Lower band edge_10dB above AGC



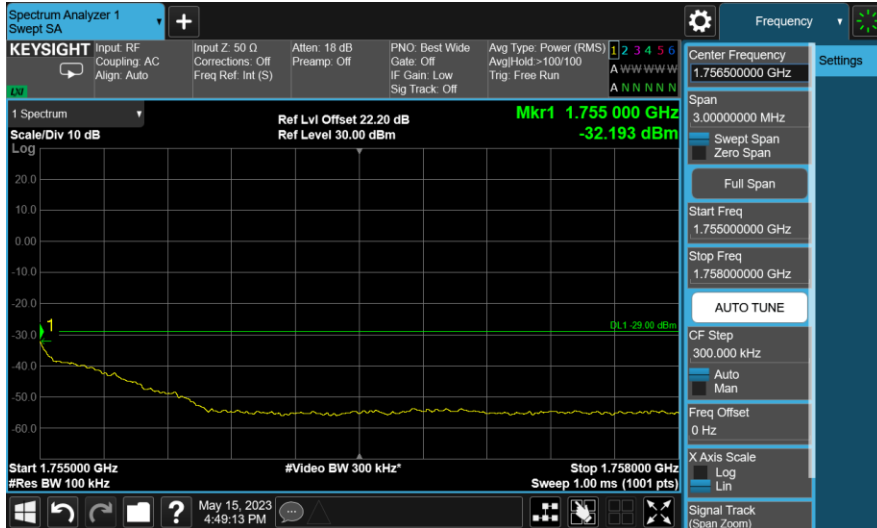
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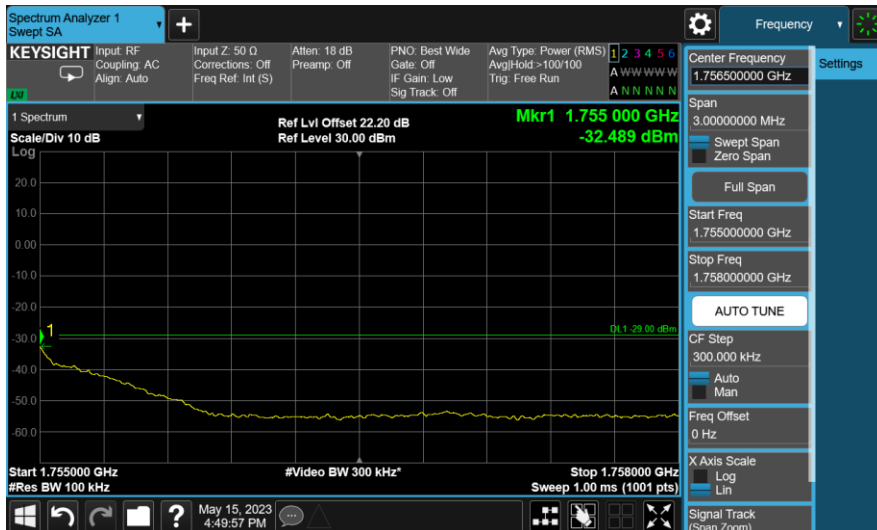
Out-of-band emissions

UL_AWS-1 Band

GSM signal input_Upper band edge_Pre-AGC



GSM signal input_Upper band edge_10dB above AGC



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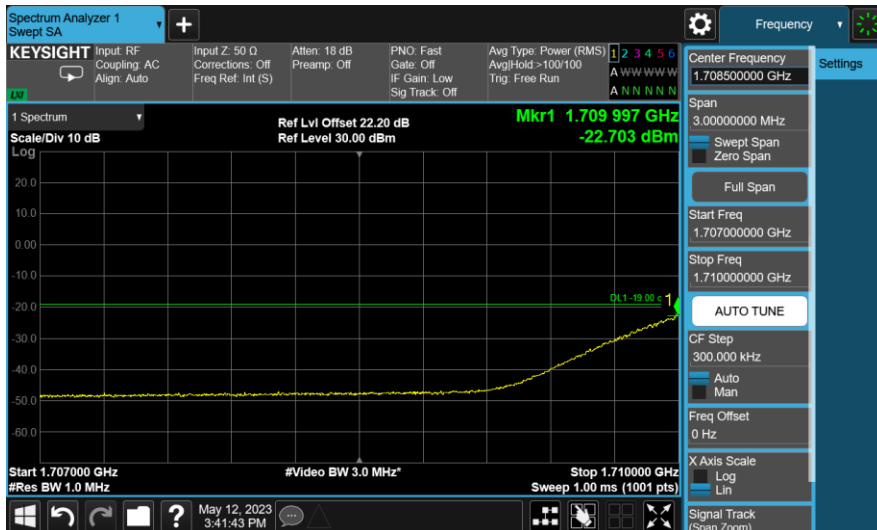
Out-of-band emissions

UL_AWS-1 Band

1.25MHz AWGN signal input_Lower band edge_Pre-AGC



1.25MHz AWGN signal input_Lower band edge_10dB above AGC

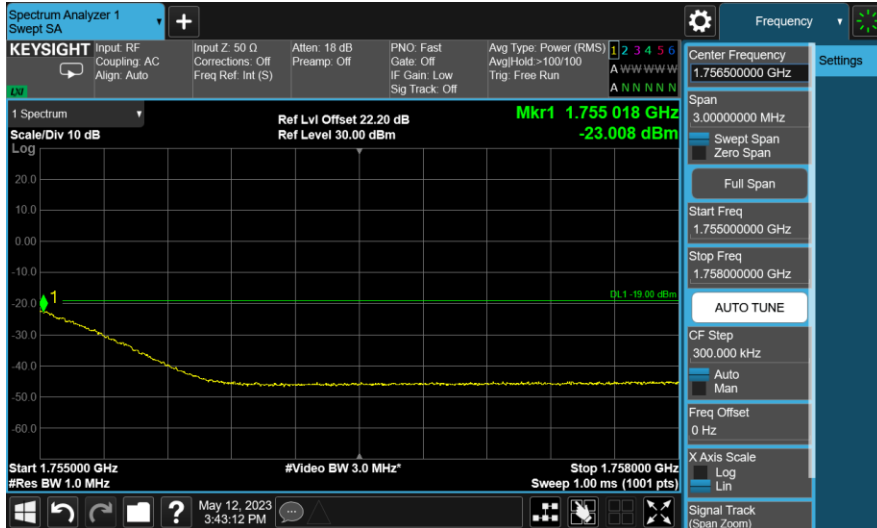


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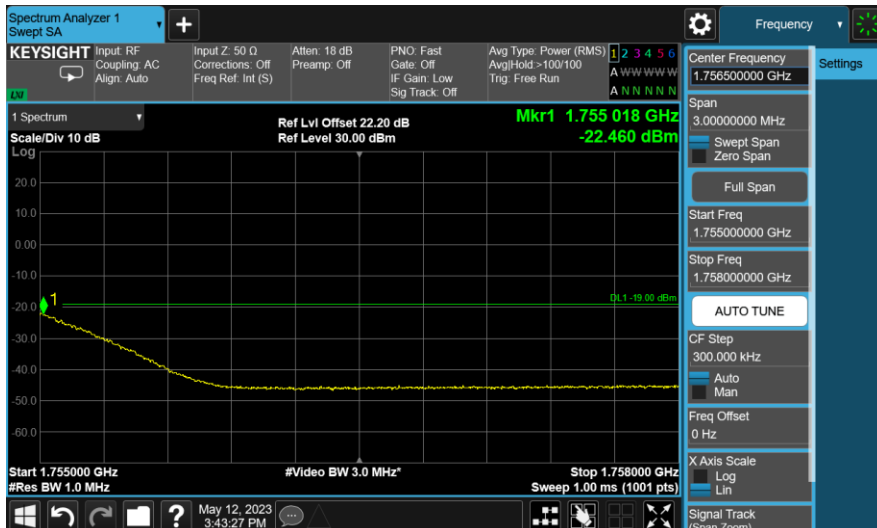
Out-of-band emissions

UL_AWS-1 Band

1.25MHz AWGN signal input_Upper band edge_Pre-AGC



1.25MHz AWGN signal input_Upper band edge_10dB above AGC



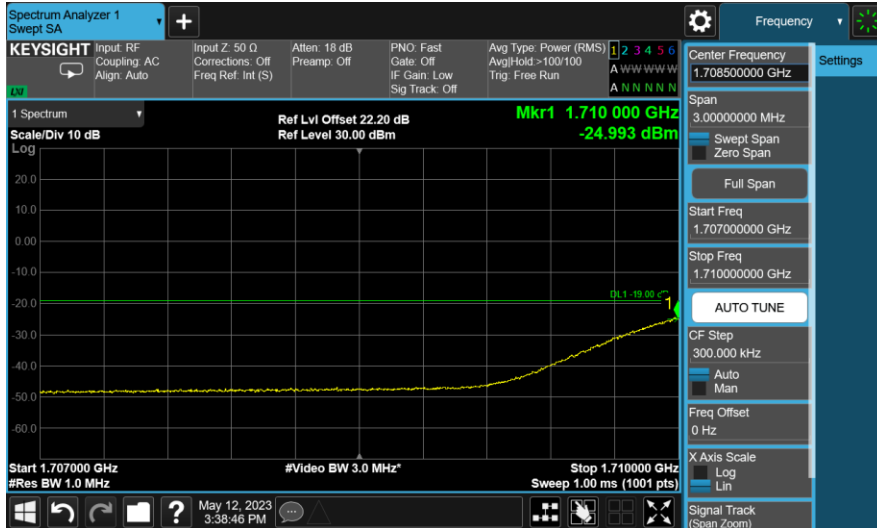
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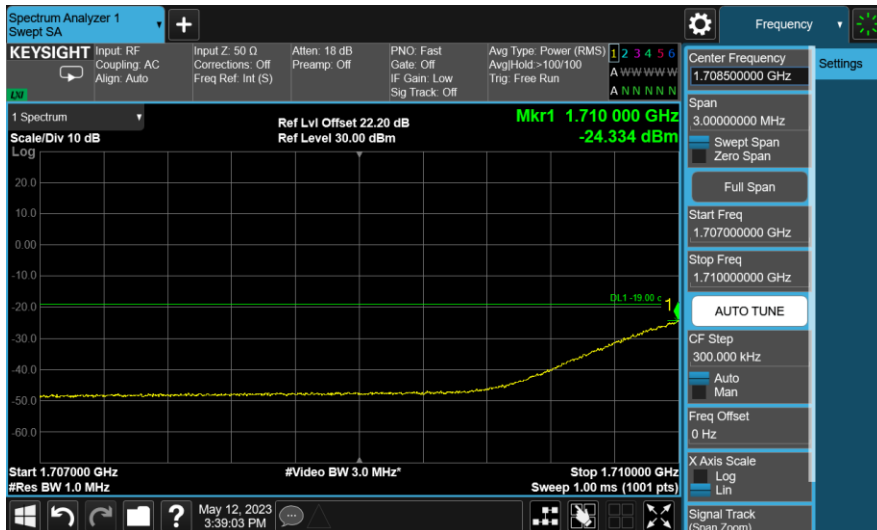
Out-of-band emissions

UL_AWS-1 Band

4.1MHz AWGN signal input_Lower band edge_Pre-AGC



4.1MHz AWGN signal input_Lower band edge_10dB above AGC



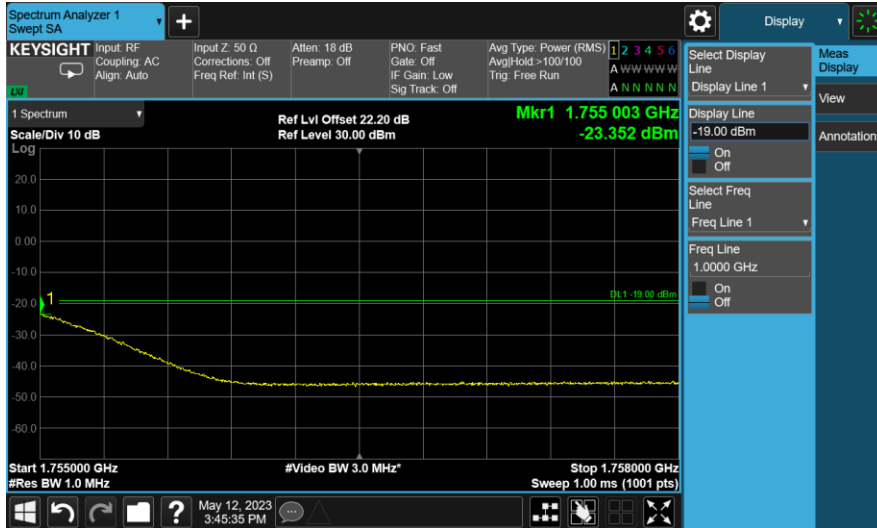
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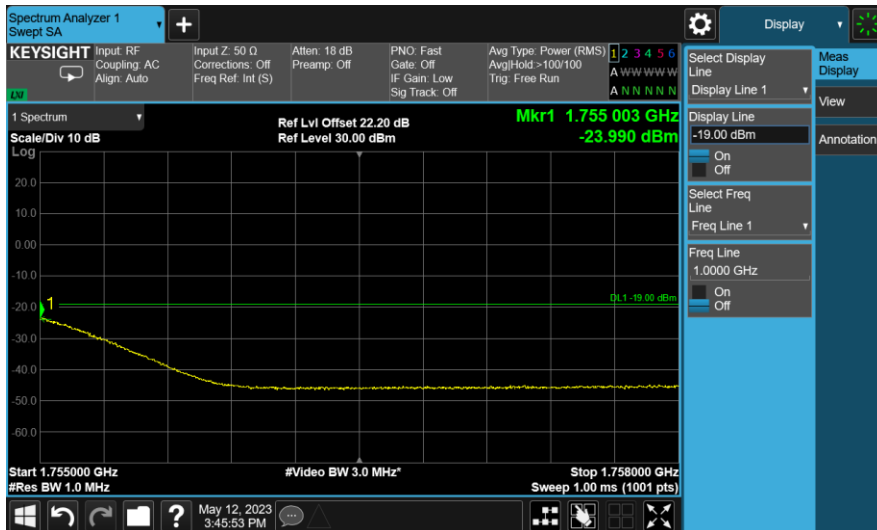
Out-of-band emissions

UL_AWS-1 Band

4.1MHz AWGN signal input_Upper band edge_Pre-AGC



4.1MHz AWGN signal input_Upper band edge_10dB above AGC

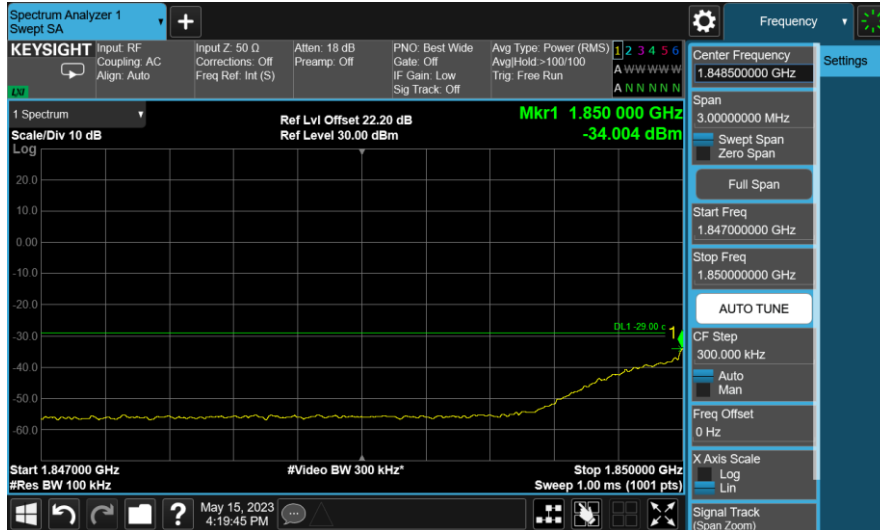


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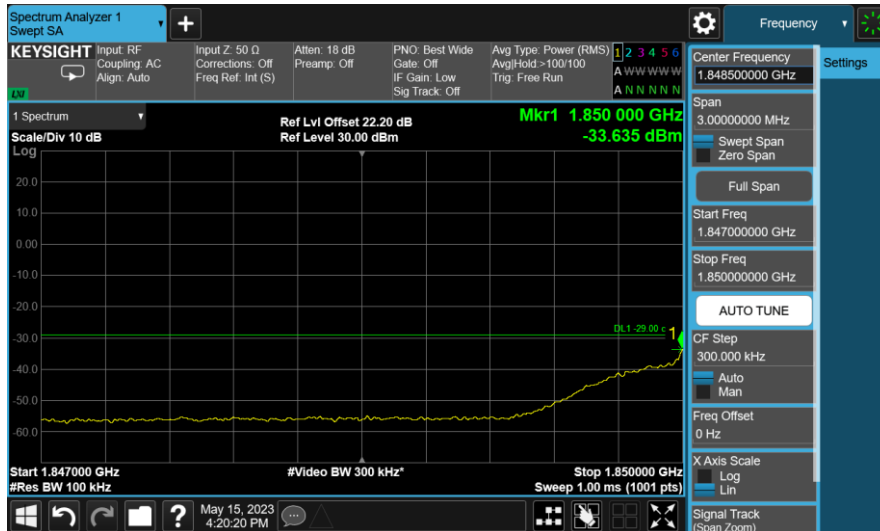
Out-of-band emissions

UL_ Broadband PCS Band

GSM signal input_Lower band edge_Pre-AGC



GSM signal input_Lower band edge_10dB above AGC



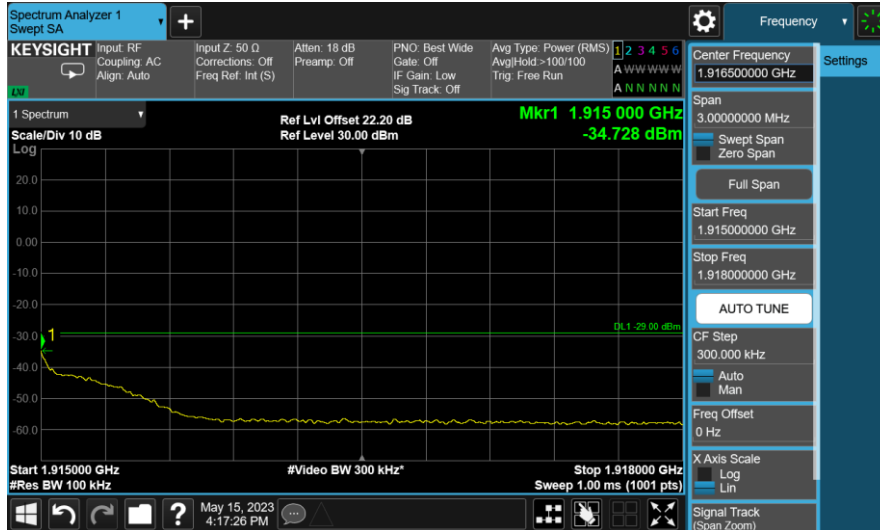
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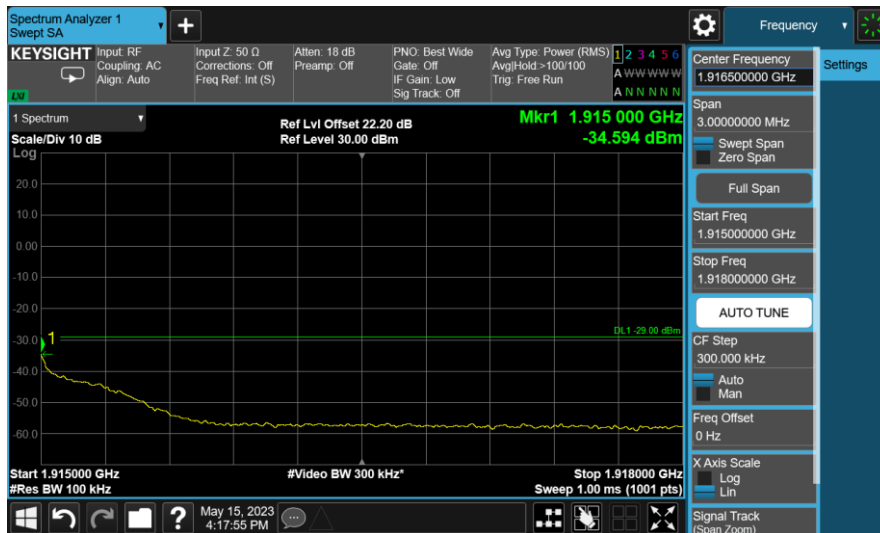
Out-of-band emissions

UL_ Broadband PCS Band

GSM signal input_Upper band edge_Pre-AGC



GSM signal input_Upper band edge_10dB above AGC

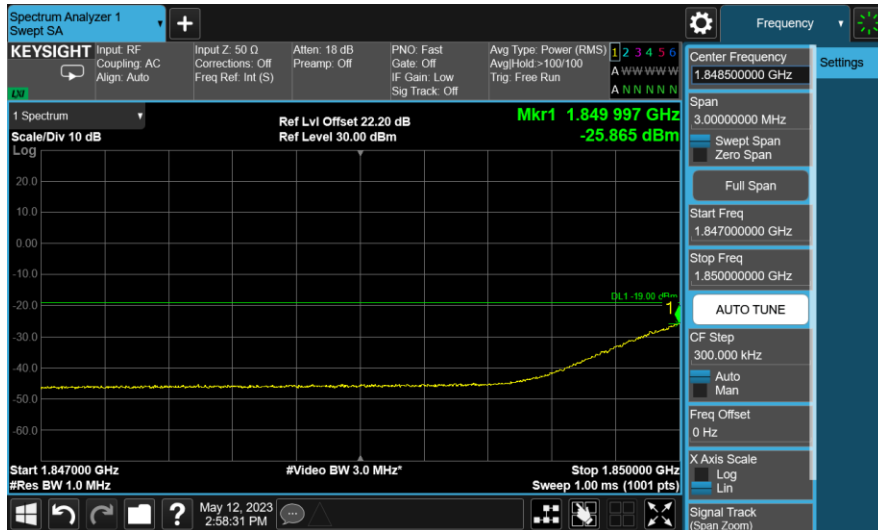


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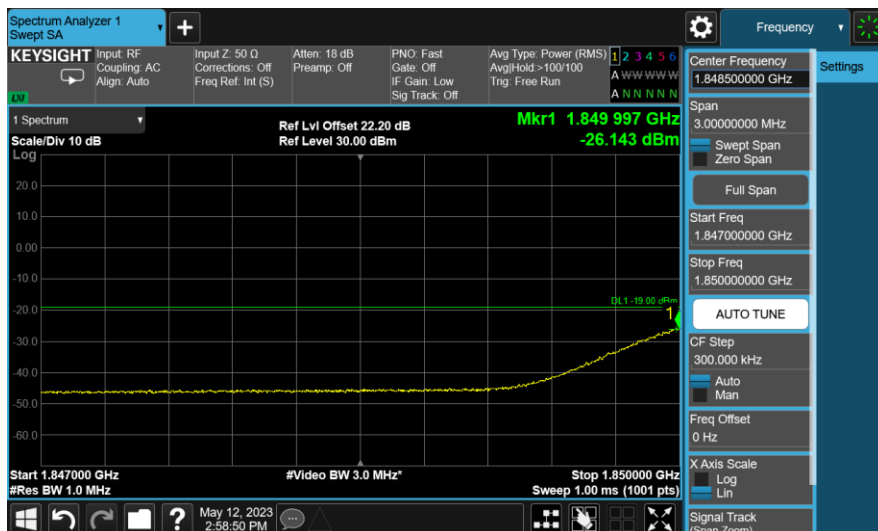
Out-of-band emissions

UL_ Broadband PCS Band

1.25MHz AWGN signal input_Lower band edge_Pre-AGC



1.25MHz AWGN signal input_Lower band edge_10dB above AGC



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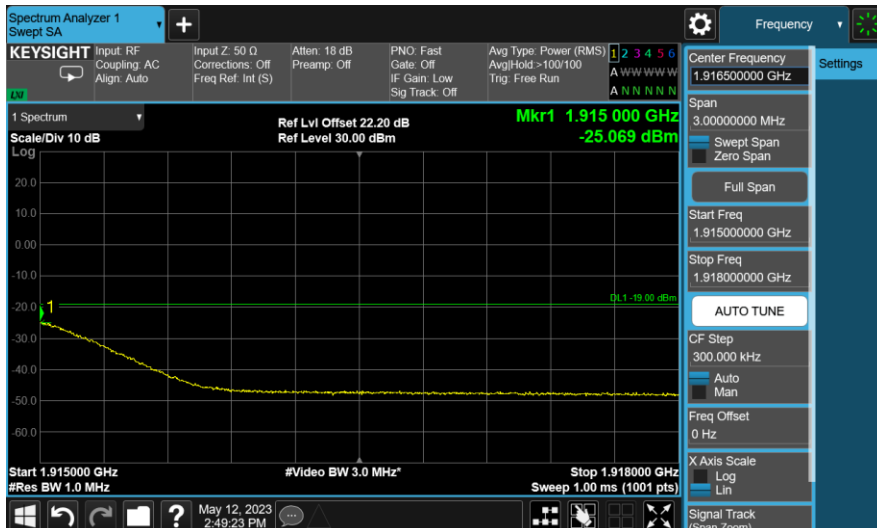
Out-of-band emissions

UL_ Broadband PCS Band

1.25MHz AWGN signal input_Upper band edge_Pre-AGC



1.25MHz AWGN signal input_Upper band edge_10dB above AGC



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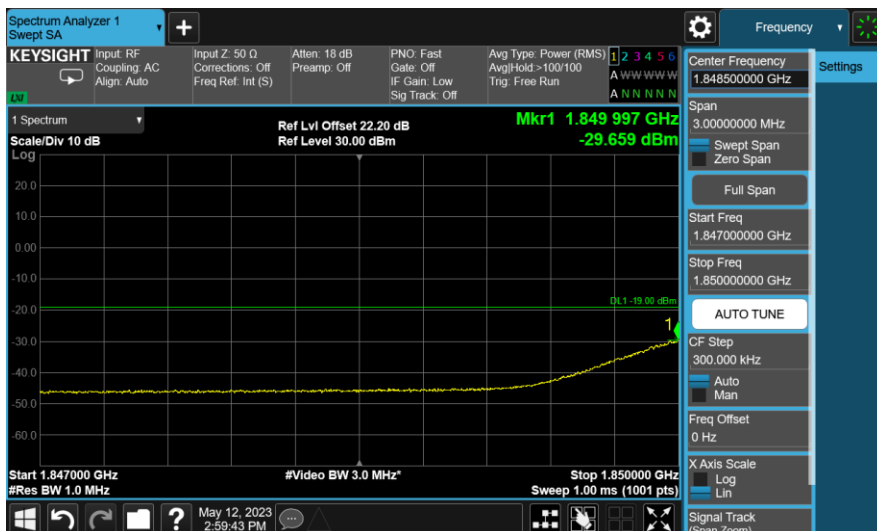
Out-of-band emissions

UL_ Broadband PCS Band

4.1MHz AWGN signal input_Lower band edge_Pre-AGC



4.1MHz AWGN signal input_Lower band edge_10dB above AGC

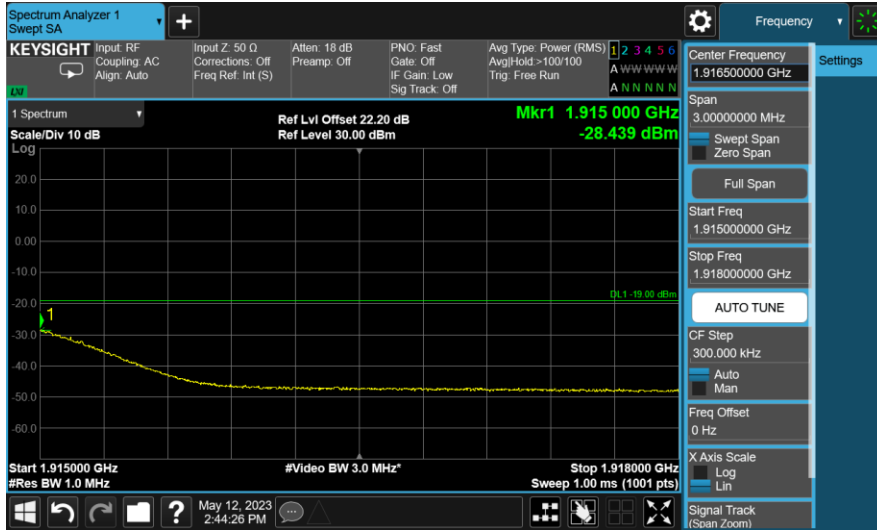


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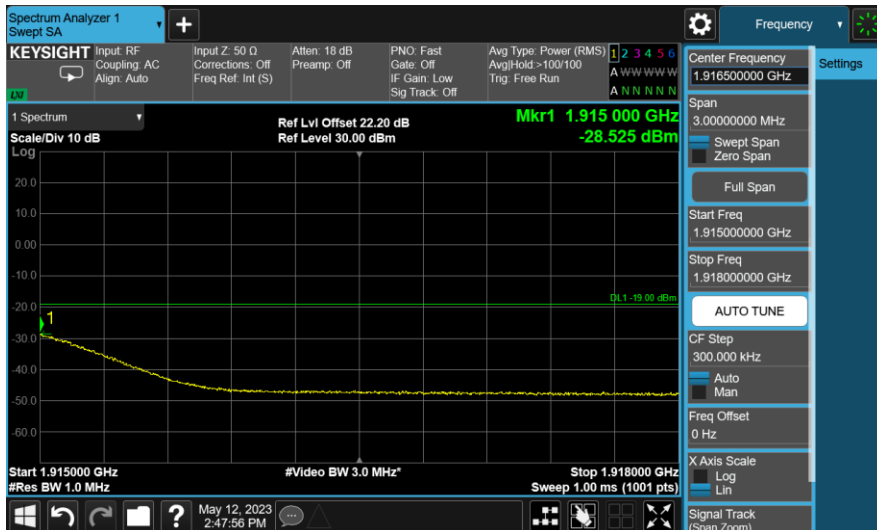
Out-of-band emissions

UL_ Broadband PCS Band

4.1MHz AWGN signal input_Upper band edge_Pre-AGC



4.1MHz AWGN signal input_Upper band edge_10dB above AGC



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6 Conducted spurious emissions

Conducted spurious emissions								
Path	Band	Input Signal	Frequency Range (MHz)	Worst Test Level (dBm)	Limit (dBm)	Verdict		
DL	700MHz	4.1MHz AWGN	Pre-AGC	10-727.9	-41.39	≤-19	PASS	
				756.1-8000	-40.92		PASS	
	Upper 700MHz	4.1MHz AWGN	Pre-AGC	763-775	-84.34	≤-52	PASS	
				793-805	-84.09		PASS	
	Cellular	4.1MHz AWGN	Pre-AGC	10-868.9	-38.44	≤-19	PASS	
				894.1-9000	-44.13		PASS	
	AWS-1	4.1MHz AWGN	Pre-AGC	10-2109	-38.82	≤-19	PASS	
				2156-22000	-45.34		PASS	
	Broadband PCS	4.1MHz AWGN	Pre-AGC	10-1929	-38.53	≤-19	PASS	
				1996-20000	-45.20		PASS	
	UL	Lower 700MHz	4.1MHz AWGN	Pre-AGC	10-697.9	-45.09	≤-19	PASS
					716.1-8000	-44.02		PASS
Upper 700MHz		4.1MHz AWGN	Pre-AGC	10-776.9	-43.07	≤-19	PASS	
				787.1-8000	-44.86		PASS	
				763-775	-83.83	≤-52	PASS	
793-805		-83.38	PASS					
Cellular		4.1MHz AWGN	Pre-AGC	10-823.9	-42.61	≤-19	PASS	
				849.1-9000	-47.83		PASS	
AWS-1		4.1MHz AWGN	Pre-AGC	10-1709	-42.50	≤-19	PASS	
				1756-20000	-49.06		PASS	
Broadband PCS		4.1MHz AWGN	Pre-AGC	10-1849	-43.14	≤-19	PASS	
				1916-20000	-55.23		PASS	

Remark:

1. Refer to clause 5 of this Appendix for more details about spurious emissions limit.
2. The spurious emissions 9kHz to 10MHz were very low and not displayed in this Appendix.

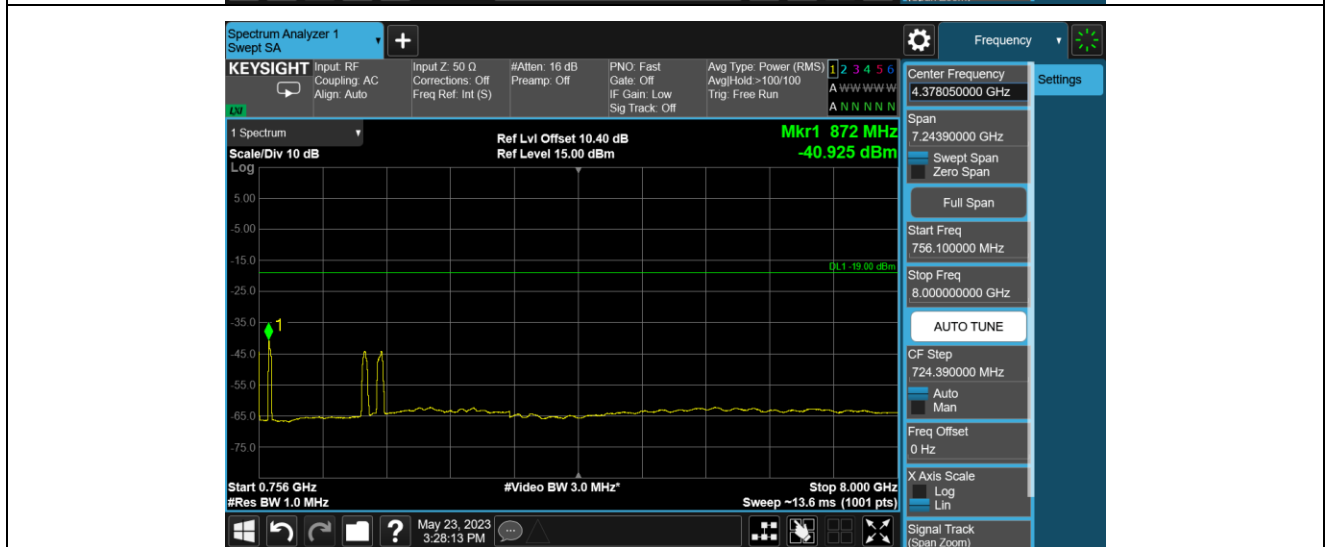
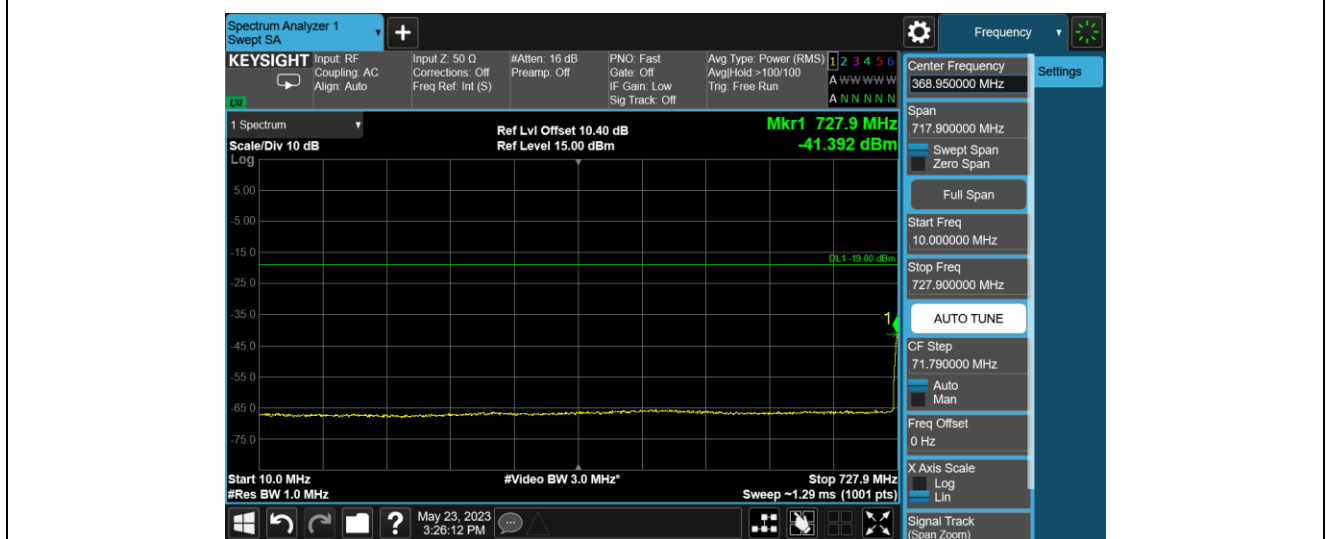


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Conducted spurious emissions

DL_700MHz Band

4.1MHz AWGN signal input_Pre-AGC



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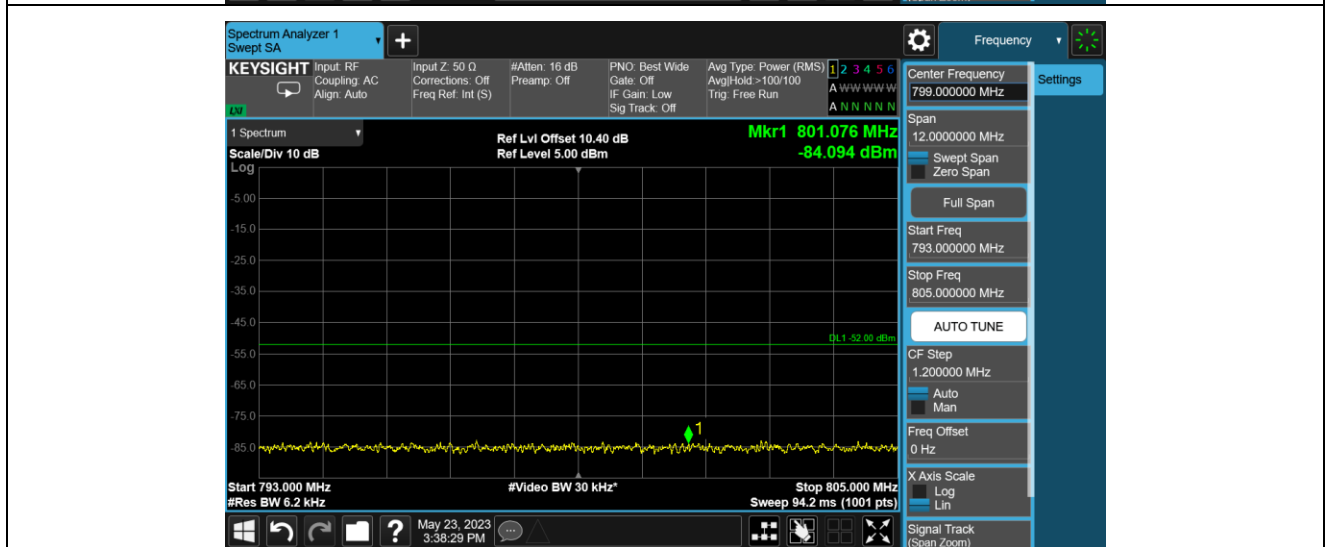
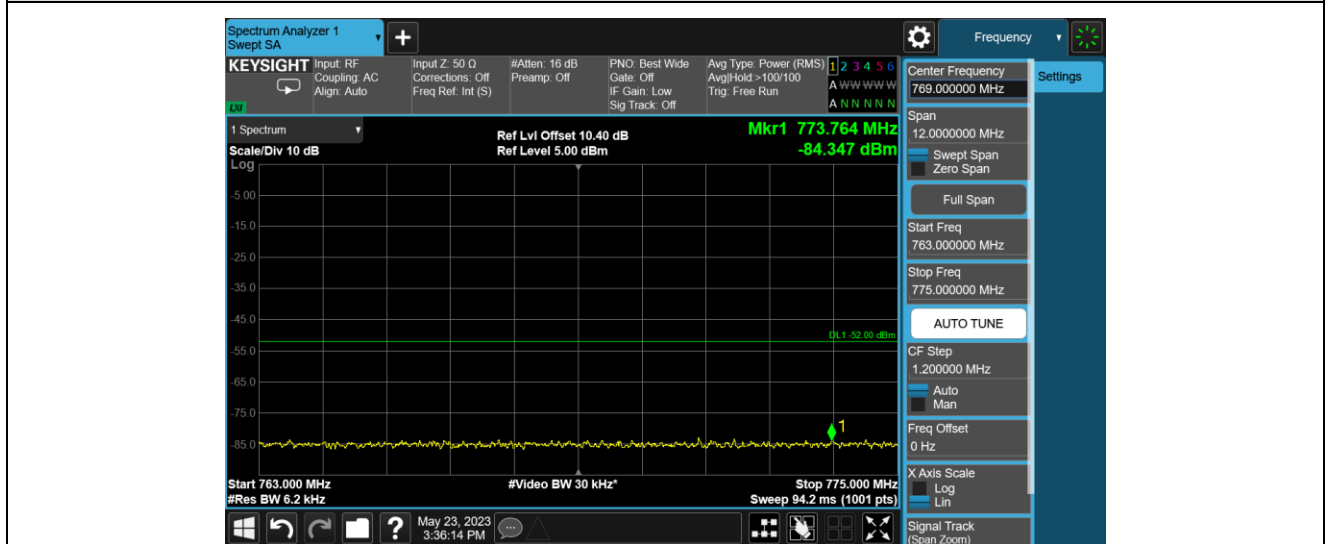
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Conducted spurious emissions

DL_Upper 700MHz Band

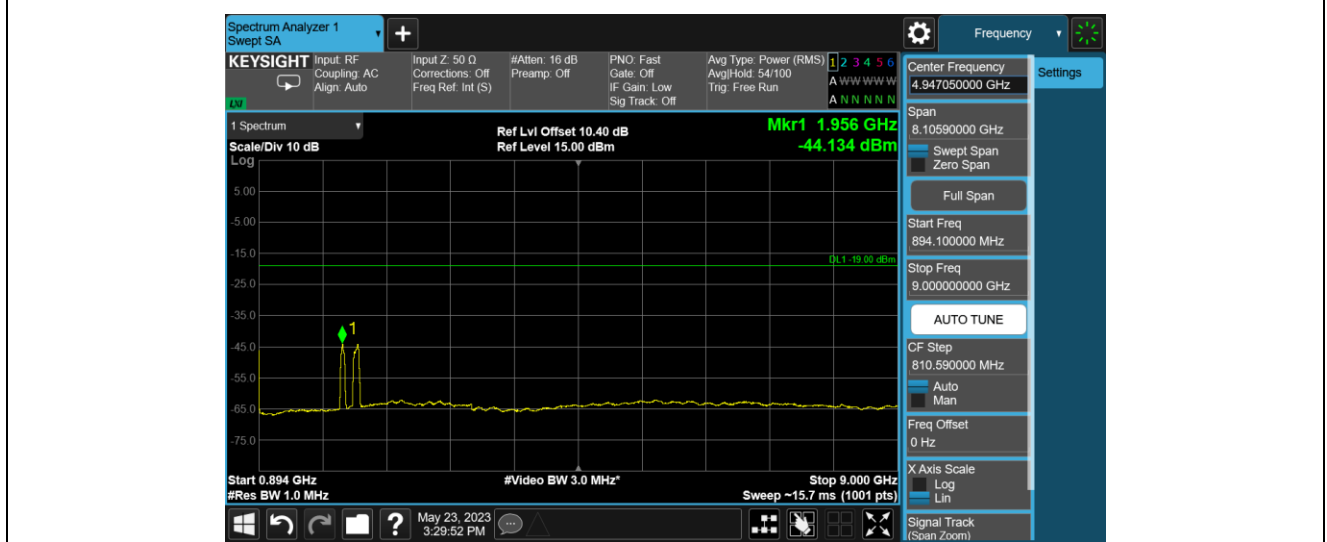
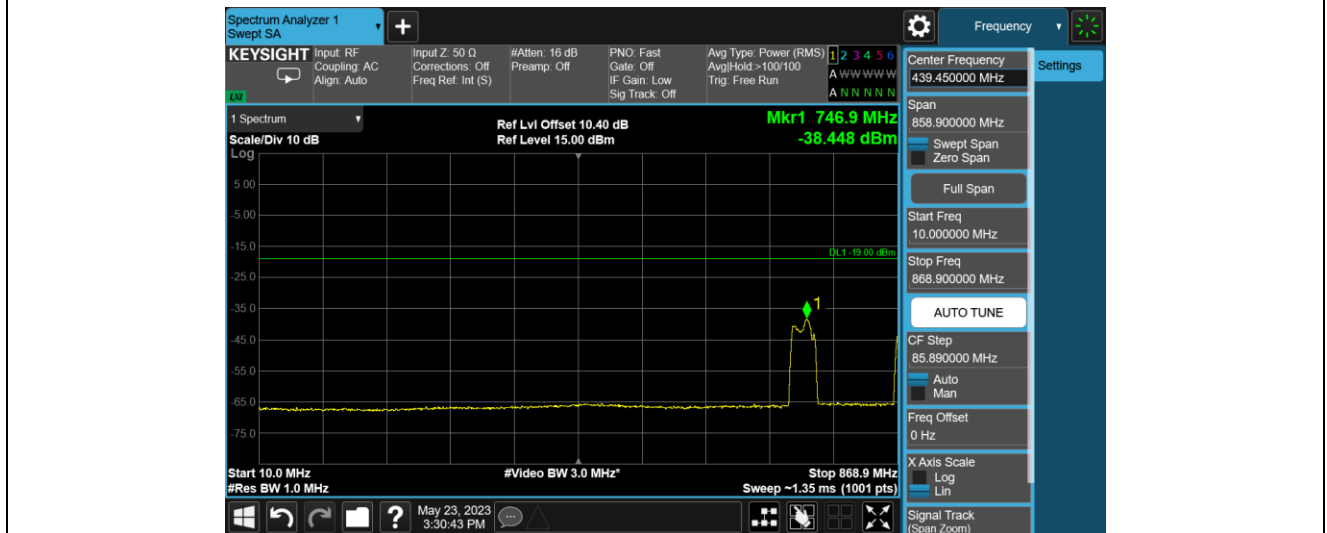
4.1MHz AWGN signal input_Pre-AGC



Conducted spurious emissions

DL_Cellular Band

4.1MHz AWGN signal input_Pre-AGC



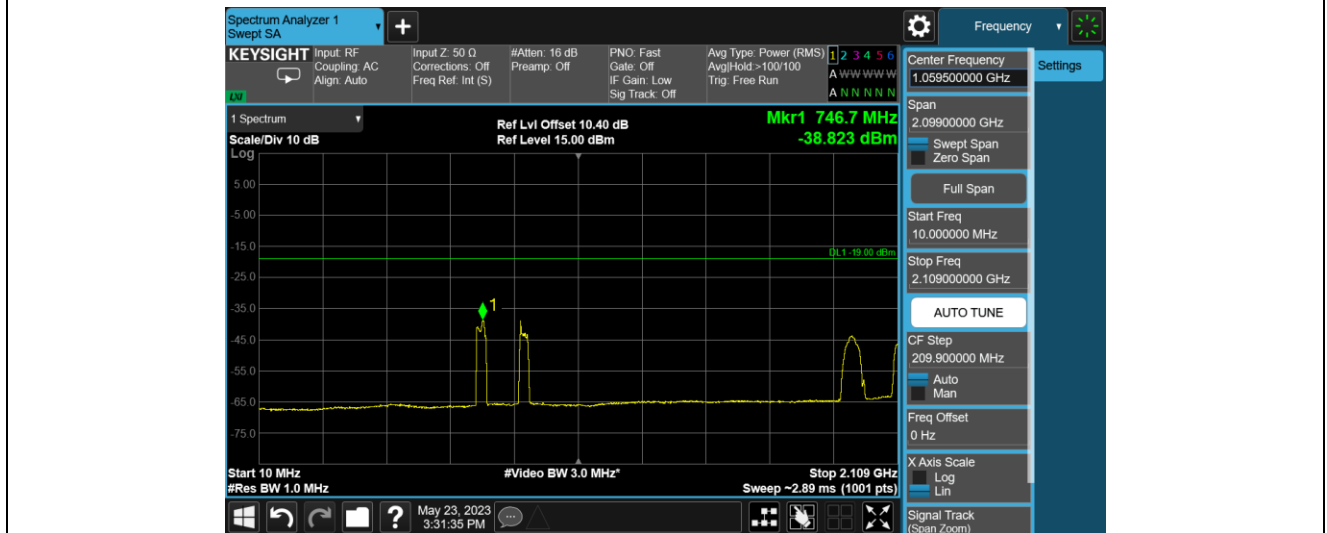
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Conducted spurious emissions

DL_AWS-1 Band

4.1MHz AWGN signal input_Pre-AGC



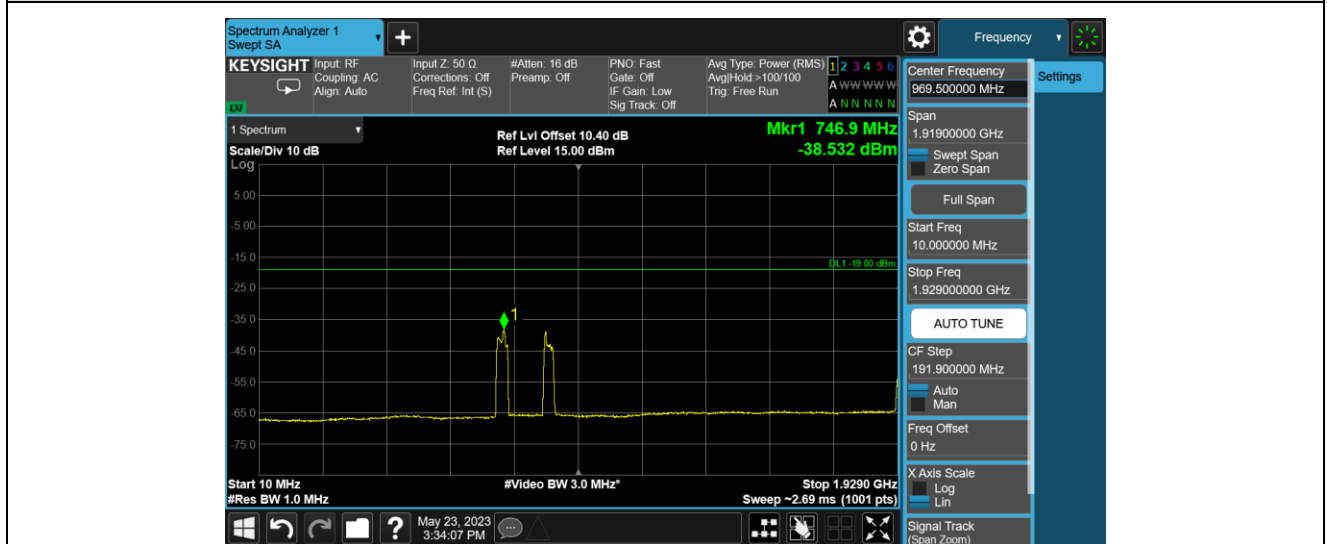
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Conducted spurious emissions

DL_Broadband PCS Band

4.1MHz AWGN signal input_Pre-AGC



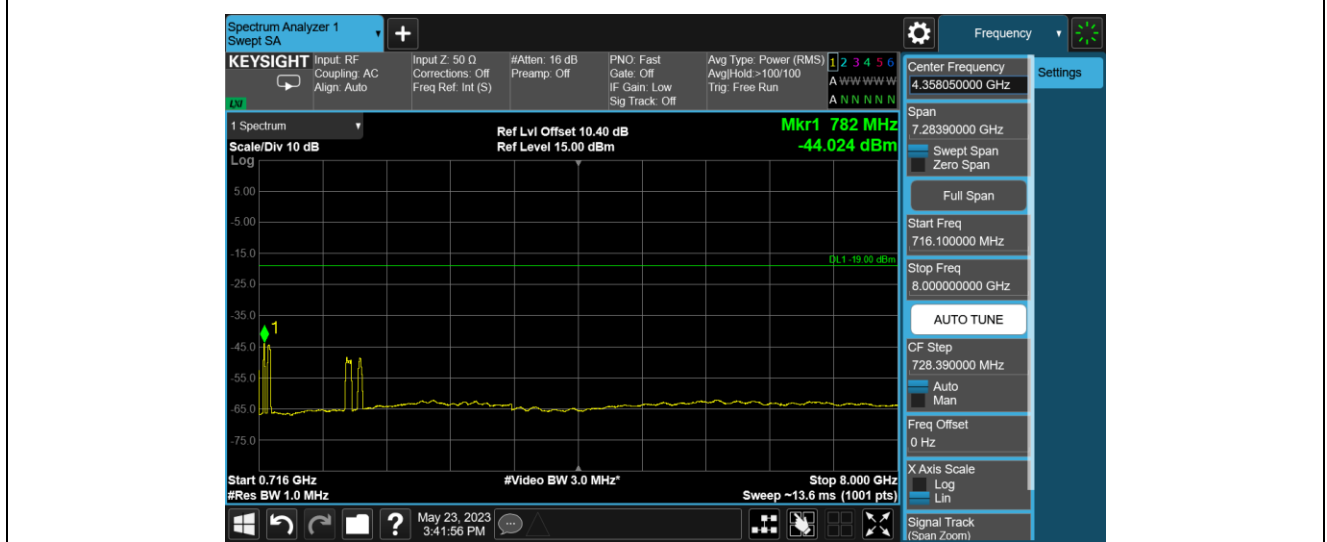
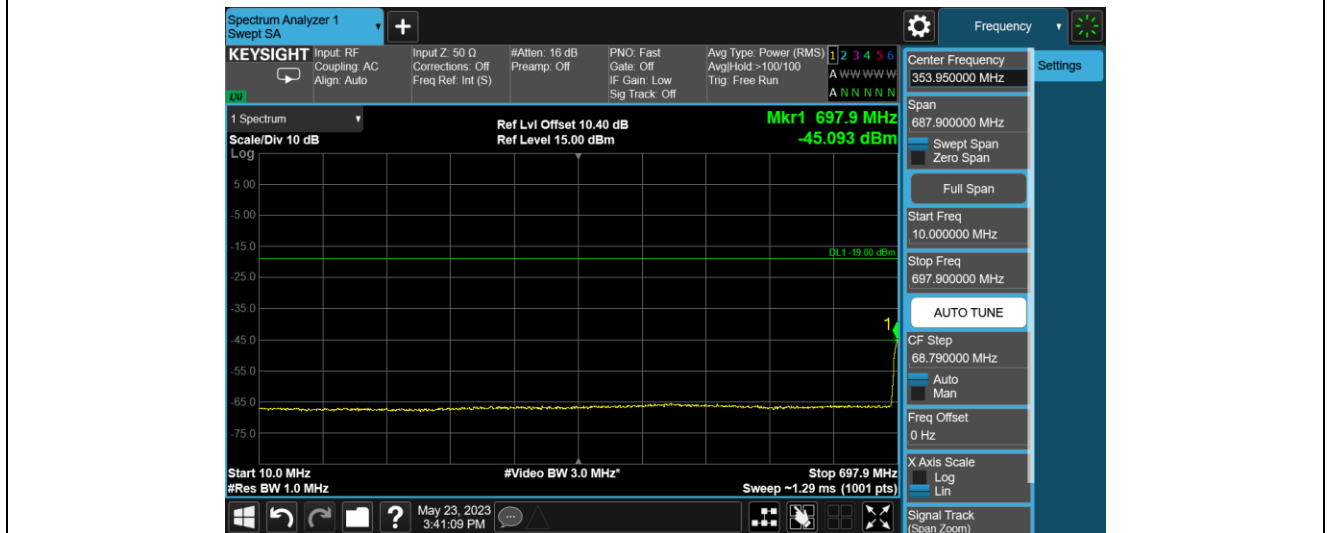
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Conducted spurious emissions

UL_Lower 700MHz Band

4.1MHz AWGN signal input_Pre-AGC



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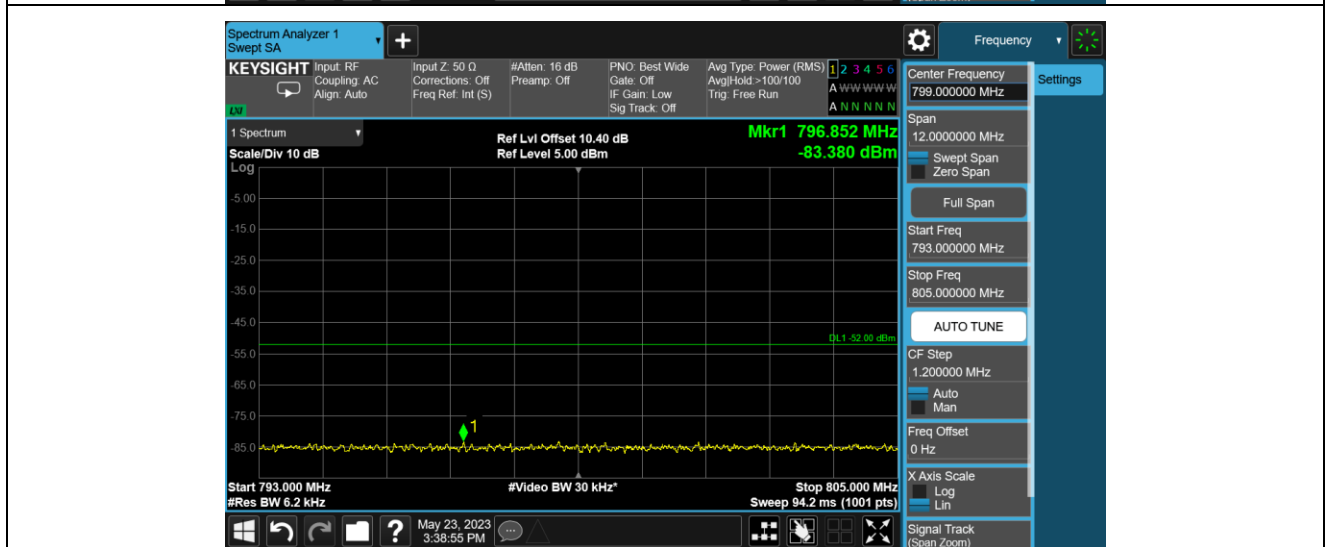
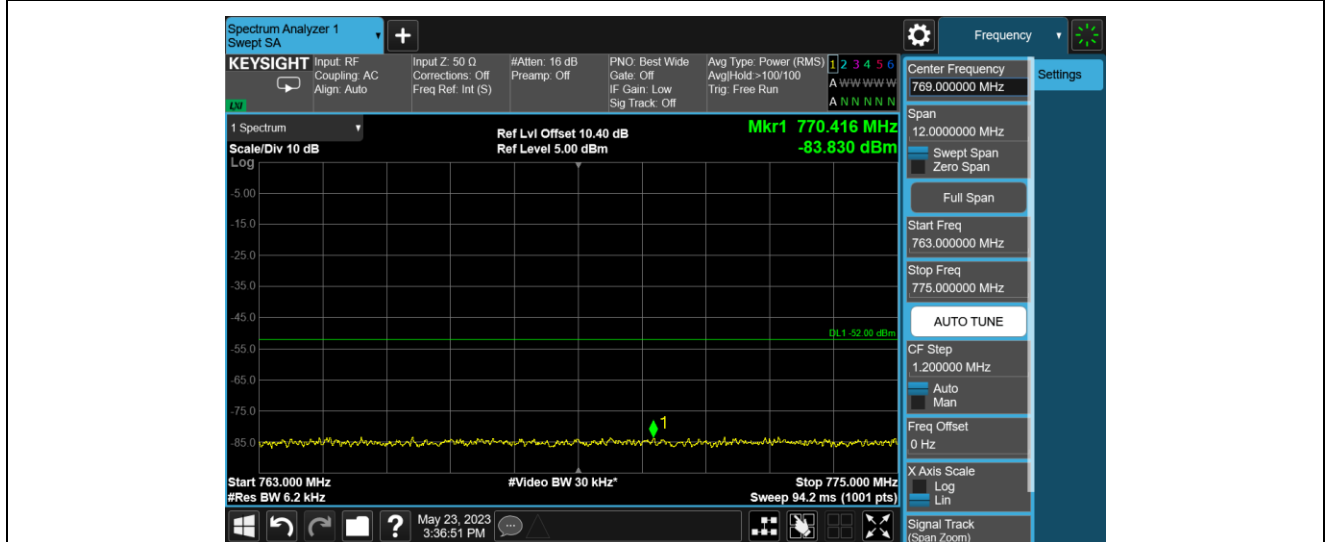
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Conducted spurious emissions

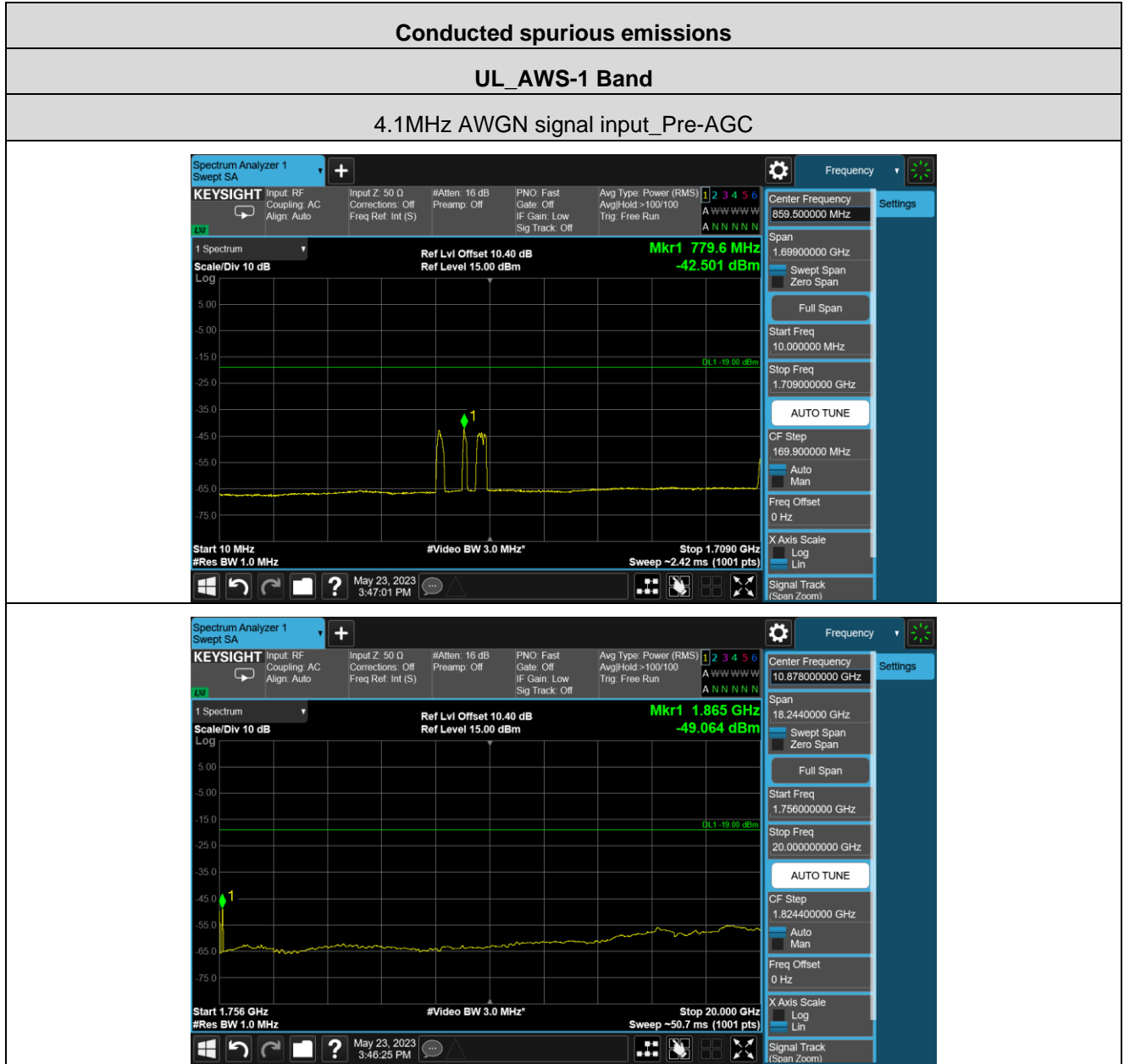
UL_Upper 700MHz Band

4.1MHz AWGN signal input_Pre-AGC

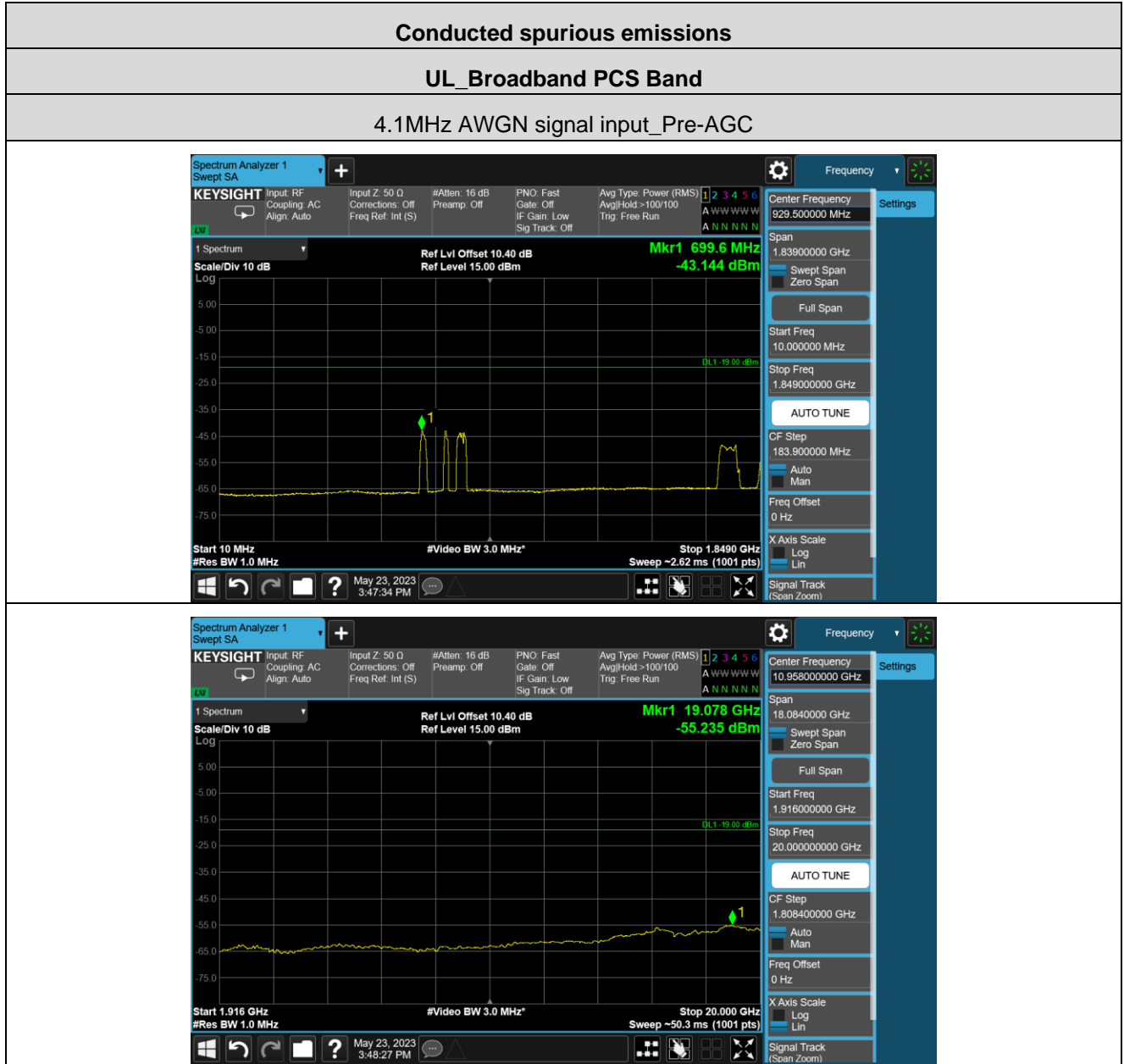




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7 Noise limit

Maximum transmitter Noise Power Level						
Path	Band	EUT Status	Noise Level (dBm/MHz)	Limit (dBm/MHz)	Verdict	
DL	700MHz	Power On	-48.38	≤-45.51	PASS	
		Power Off	-75.49	≤-70	PASS	
	Cellular	Power On	-47.69	≤-44.05	PASS	
		Power Off	-75.30	≤-70	PASS	
	AWS-1	Power On	-44.23	≤-37.73	PASS	
		Power Off	-73.11	≤-70	PASS	
	Broadband PCS	Power On	-51.74	≤-37.01	PASS	
		Power Off	-73.41	≤-70	PASS	
	UL	Lower 700MHz	Power On	-51.78	≤-45.51	PASS
			Power Off	-75.84	≤-70	PASS
Upper 700MHz		Power On	-51.35	≤-44.64	PASS	
		Power Off	-75.25	≤-70	PASS	
Cellular		Power On	-52.22	≤-44.05	PASS	
		Power Off	-75.39	≤-70	PASS	
AWS-1		Power On	-55.85	≤-37.73	PASS	
		Power Off	-74.33	≤-70	PASS	
Broadband PCS		Power On	-57.58	≤-37.01	PASS	
		Power Off	-73.33	≤-70	PASS	



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Variable Uplink Noise Power Level					
Path	Band	RSSI (dBm)	Noise Level (dBm/MHz)	Limit (dBm/MHz)	Verdict
UL	Lower 700MHz	-90	-51.78	≤-45.51	PASS
		-80	-51.78	≤-45.51	PASS
		-70	-51.78	≤-45.51	PASS
		-60	-53.14	≤-45.51	PASS
		-53	-56.38	≤-50.00	PASS
		-44	-63.84	≤-59.00	PASS
	Upper 700MHz	-90	-51.35	≤-44.64	PASS
		-85	-51.35	≤-44.64	PASS
		-75	-53.22	≤-44.64	PASS
		-56	-56.66	≤-47.00	PASS
		-53	-58.73	≤-50.00	PASS
		-41	-67.18	≤-62.00	PASS
	Cellular	-90	-52.22	≤-44.05	PASS
		-80	-52.22	≤-44.05	PASS
		-70	-53.45	≤-44.05	PASS
		-58	-55.76	≤-45.00	PASS
		-55	-57.11	≤-48.00	PASS
		-42	-67.83	≤-61.00	PASS
	AWS-1	-80	-55.85	≤-37.73	PASS
		-70	-55.85	≤-37.73	PASS
		-60	-55.85	≤-43.00	PASS
-53		-55.85	≤-50.00	PASS	
-48		-60.39	≤-55.00	PASS	
-41		-69.33	≤-62.00	PASS	

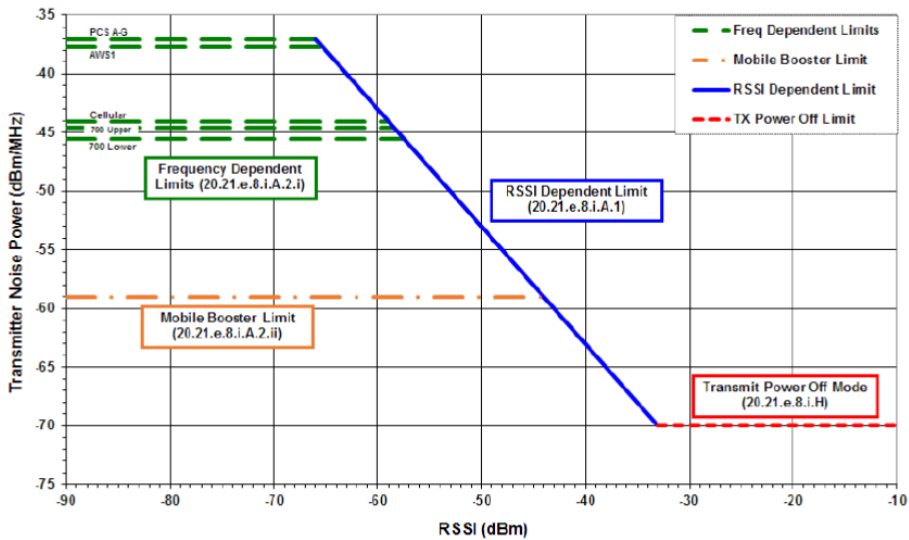


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Variable Uplink Noise Power Level					
Path	Band	RSSI (dBm)	Noise Level (dBm/MHz)	Limit (dBm/MHz)	Verdict
UL	Broadband PCS	-90	-57.58	≤-37.01	PASS
		-80	-57.58	≤-37.01	PASS
		-70	-57.58	≤-37.01	PASS
		-63	-57.58	≤-40.00	PASS
		-58	-57.58	≤-45.00	PASS
		-39	-67.65	≤-64.00	PASS

Remark:



According to KDB 935210 D03 v04r04 appendix D, the RSSI-dependent region can be calculated:

- for Lower 700MHz, the RSSI-dependent region is -57.49 dBm to -33 dBm
- for Upper 700MHz, the RSSI-dependent region is -58.36 dBm to -33 dBm
- for Cellular, the RSSI-dependent region is -58.95 dBm to -33 dBm
- for AWS-1, the RSSI-dependent region is -65.27 dBm to -33 dBm
- for Broadband PCS, the RSSI-dependent region is -65.99 dBm to -33 dBm



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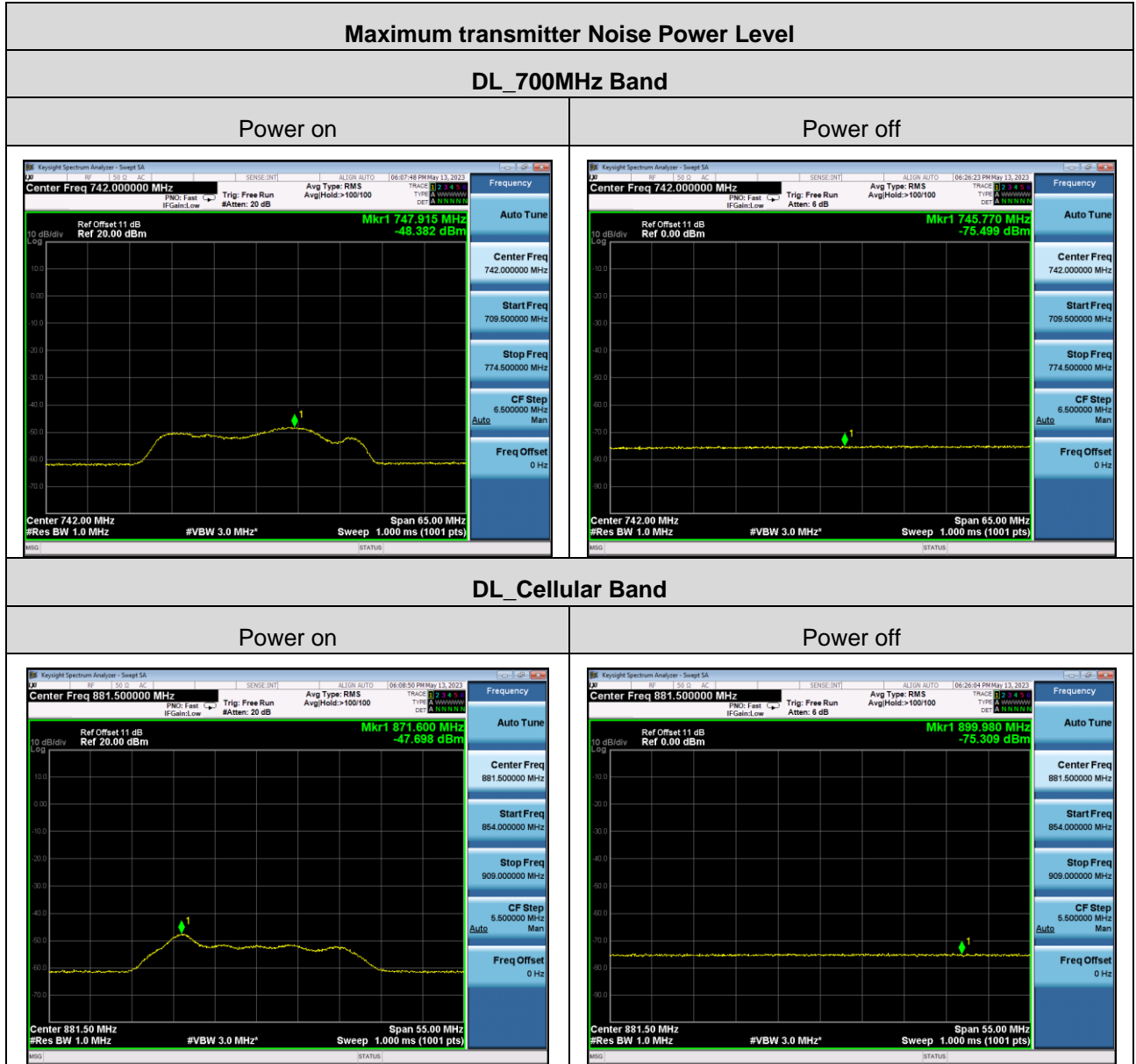
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Variable Uplink Noise Timing				
Path	Band	Time (ms)	Limit (ms)	Verdict
UL	Lower 700MHz	30	≤3000	PASS
	Upper 700MHz	40	≤3000	PASS
	Cellular	60	≤3000	PASS
	AWS-1	50	≤3000	PASS
	Broadband PCS	50	≤3000	PASS



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