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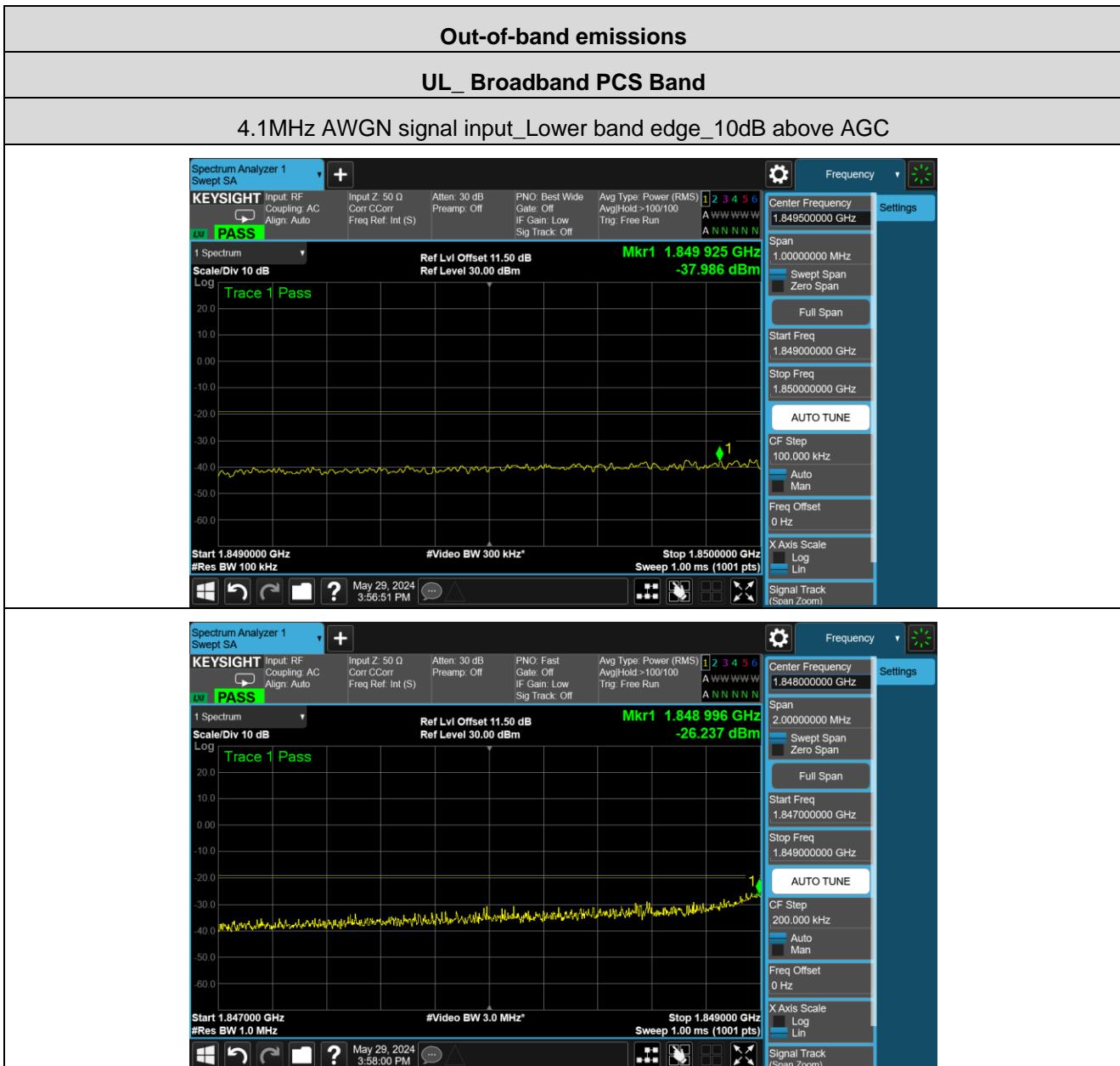
SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing and EEC Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663

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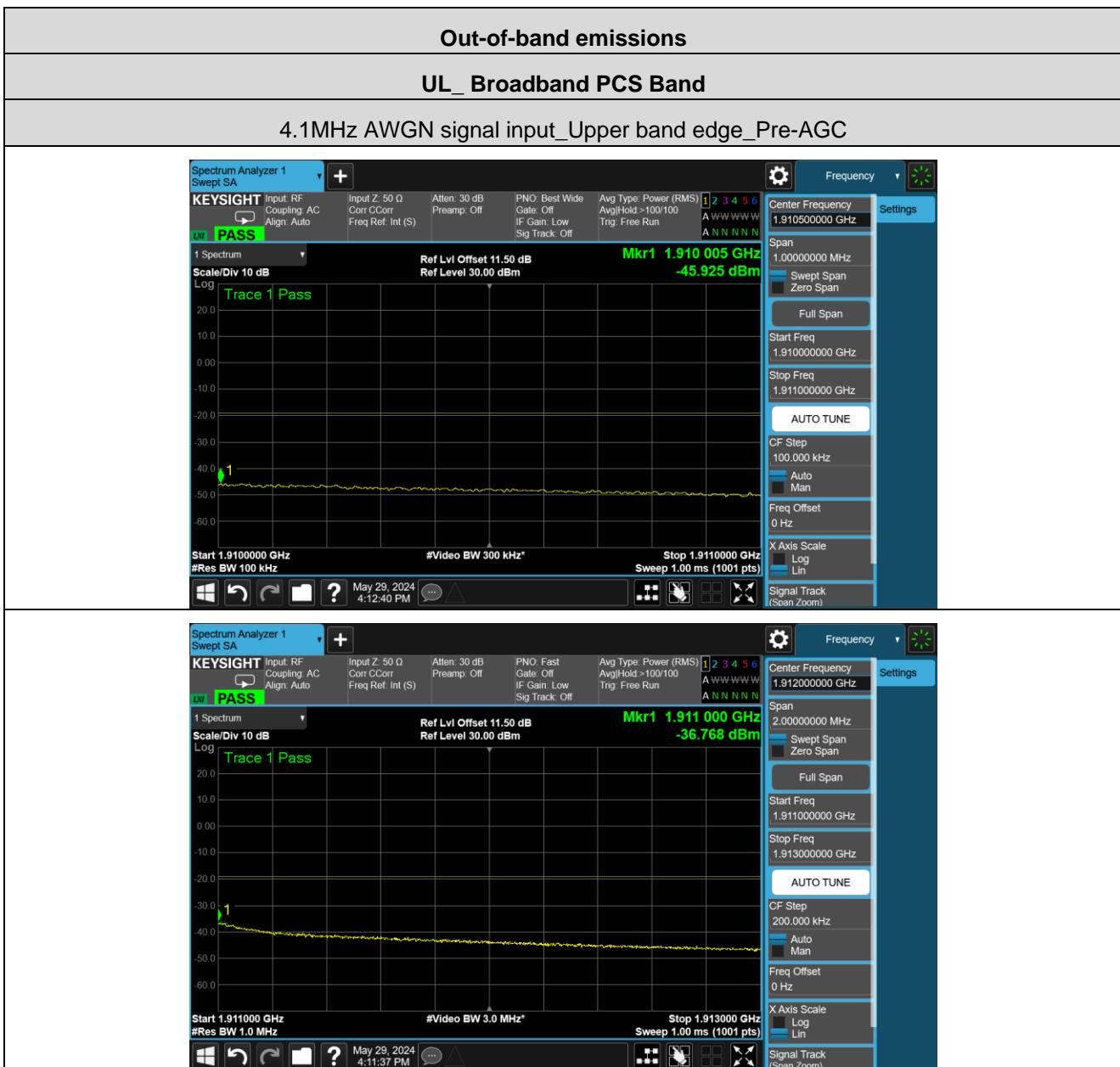
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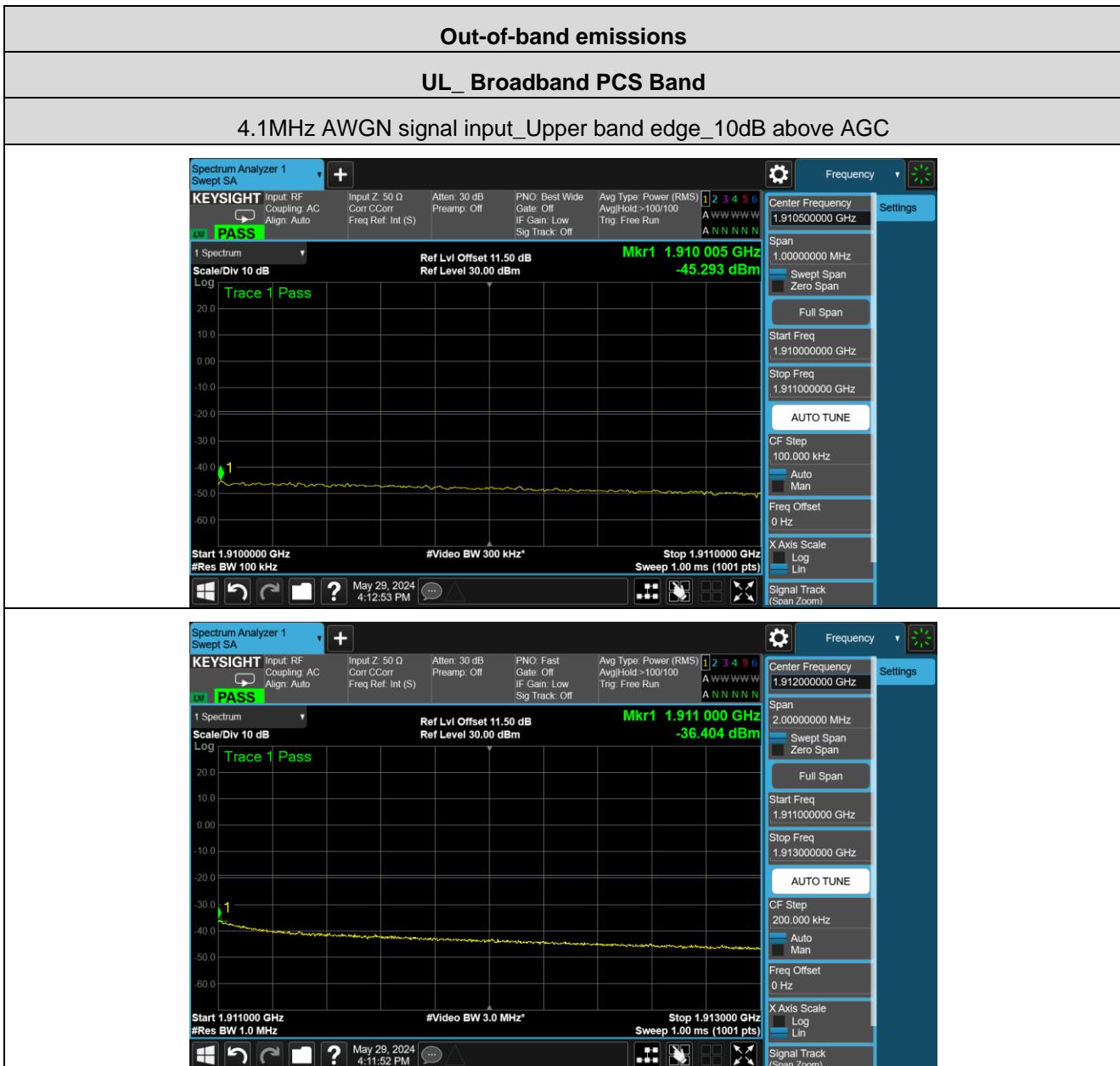
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6 Conducted spurious emissions

Conducted spurious emissions							
Path	Band	Input Signal		Frequency Range (MHz)	Worst Test Level (dBm)	Limit (dBm)	Verdict
DL	700MHz	4.1MHz AWGN	Pre-AGC	30-727.9	-59.3	≤-19	PASS
				757.1-8000	-39.8		PASS
	Upper 700MHz	4.1MHz AWGN	Pre-AGC	763-775	-95.4	≤-52	PASS
				793-805	-95.5		PASS
	Cellular	4.1MHz AWGN	Pre-AGC	30-868.9	-55.1	≤-19	PASS
				894.1-9000	-39.3		PASS
	AWS-1	4.1MHz AWGN	Pre-AGC	30-2109	-39.9	≤-19	PASS
				2156-22000	-39.5		PASS
	Broadband PCS	4.1MHz AWGN	Pre-AGC	30-1929	-48.7	≤-19	PASS
				1996-20000	-39.5		PASS
UL	Lower 700MHz	4.1MHz AWGN	Pre-AGC	30-697.9	-58.8	≤-19	PASS
				716.1-8000	-43.9		PASS
	Upper 700MHz	4.1MHz AWGN	Pre-AGC	30-775.9	-54.8	≤-19	PASS
				787.1-8000	-43.8		PASS
				763-775	-71.8	≤-52	PASS
				793-805	-88.1		PASS
	Cellular	4.1MHz AWGN	Pre-AGC	30-823.9	-58.8	≤-19	PASS
				849.1-9000	-44.5		PASS
	AWS-1	4.1MHz AWGN	Pre-AGC	30-1709	-45.5	≤-19	PASS
				1756-20000	-40.1		PASS
	Broadband PCS	4.1MHz AWGN	Pre-AGC	30-1849	-43.9	≤-19	PASS
				1916-20000	-40.0		PASS

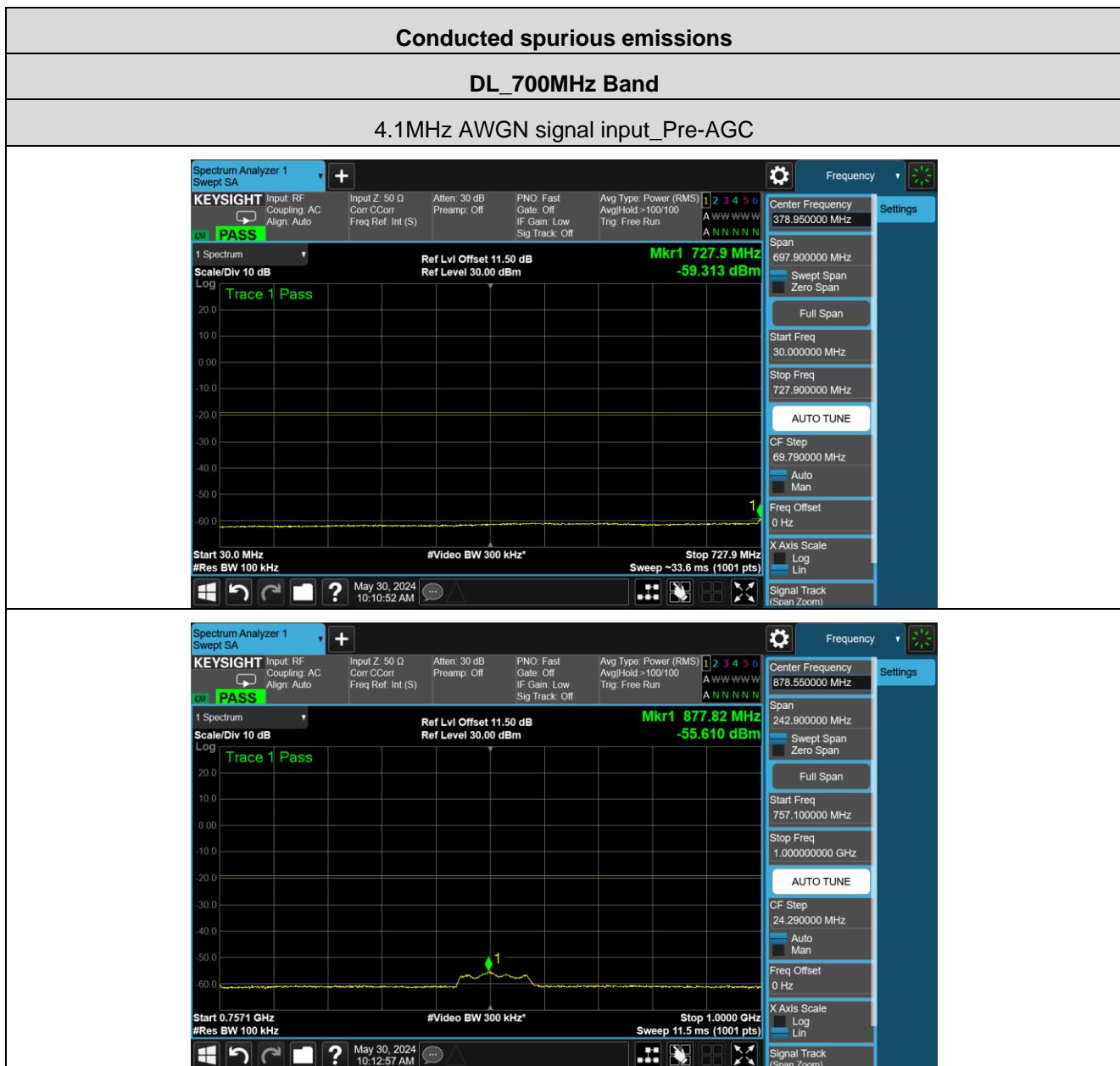
Remark:

1. Refer to clause 5 of this Appendix for more details about spurious emissions limit.
2. The spurious emissions 9kHz to 30MHz were very low and not displayed in this Appendix.

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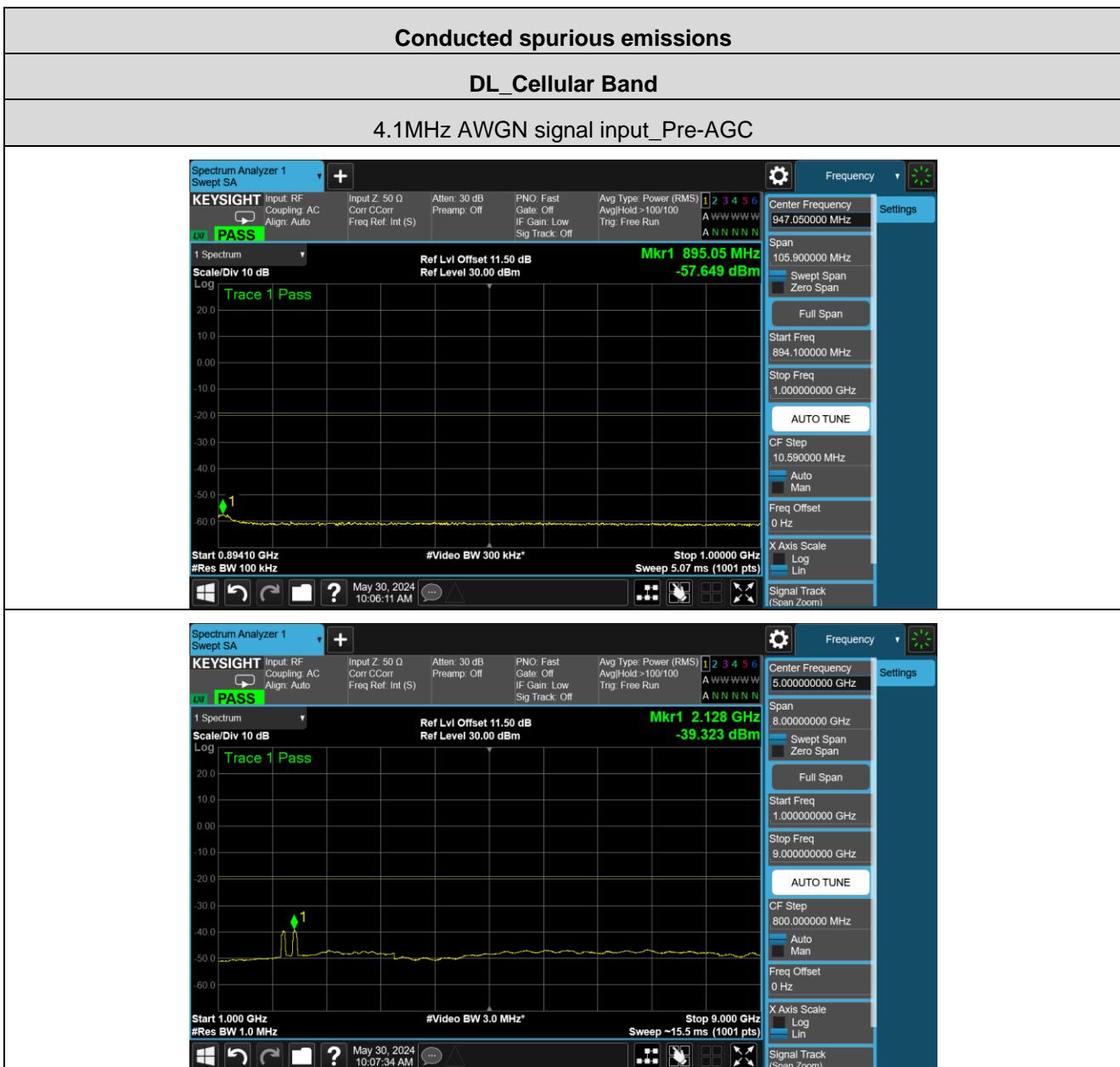
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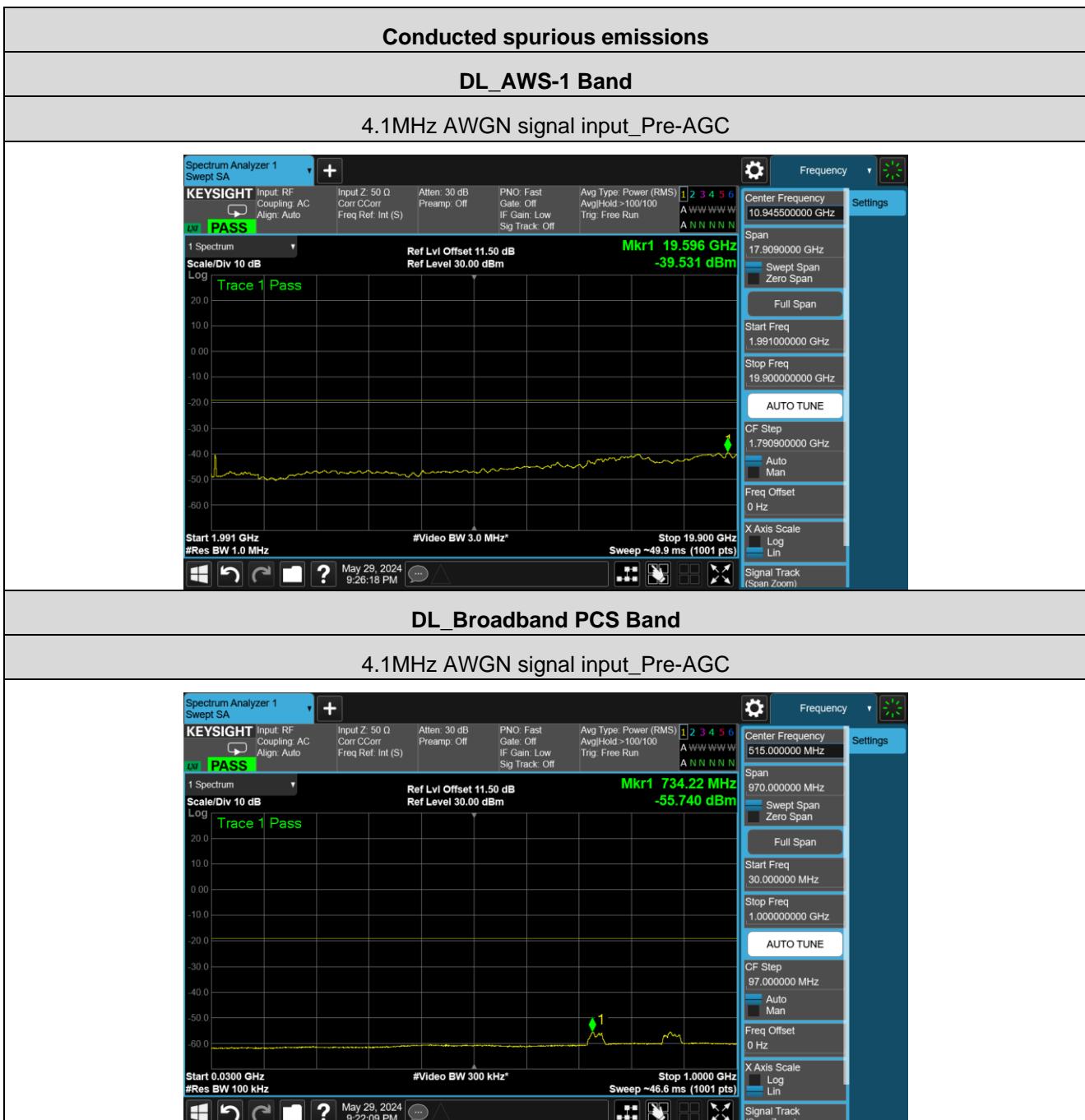
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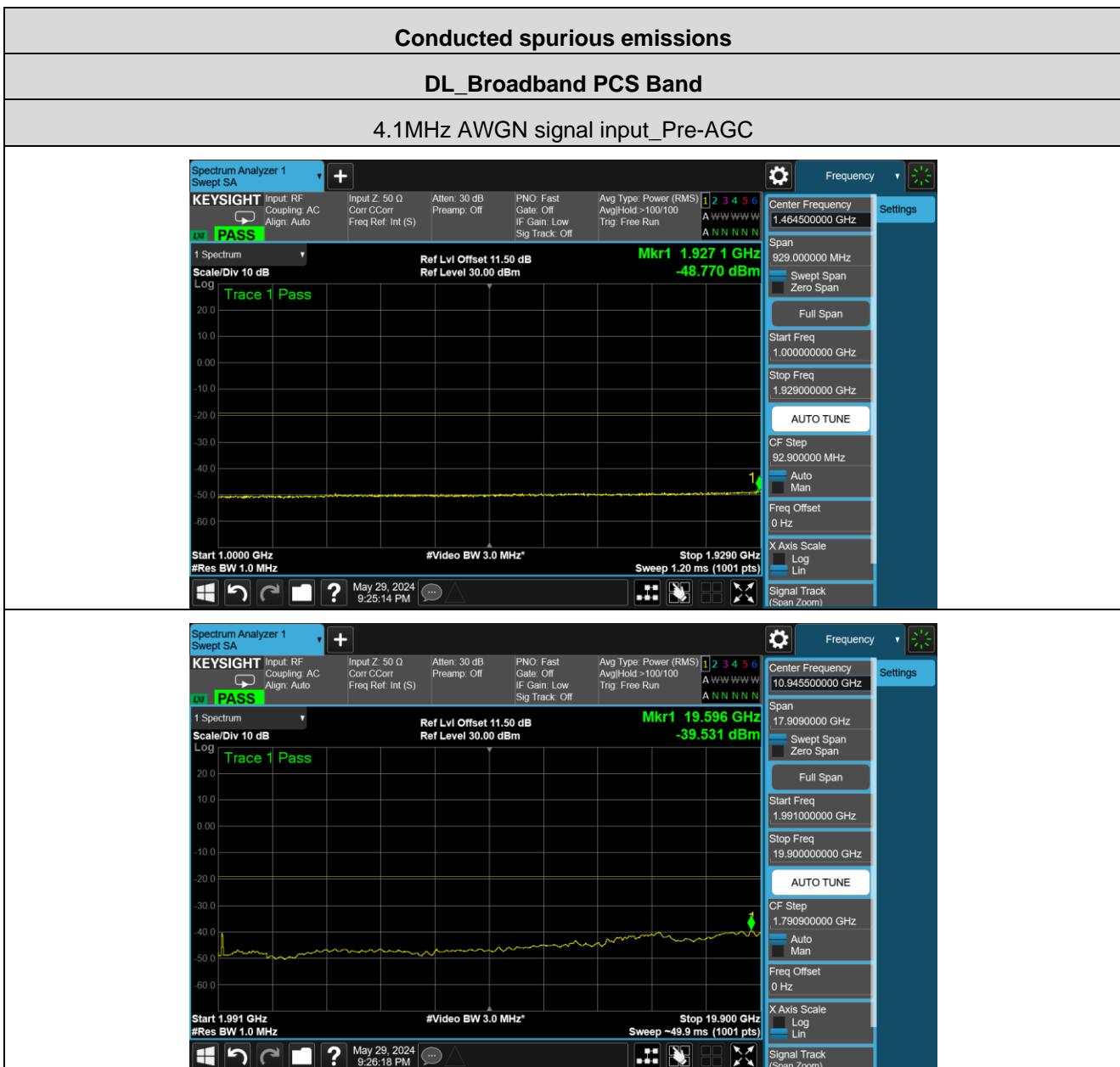
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UL_Lower 700MHz Band**4.1MHz AWGN signal input_Pre-AGC****UL_Upper 700MHz Band****4.1MHz AWGN signal input_Pre-AGC**

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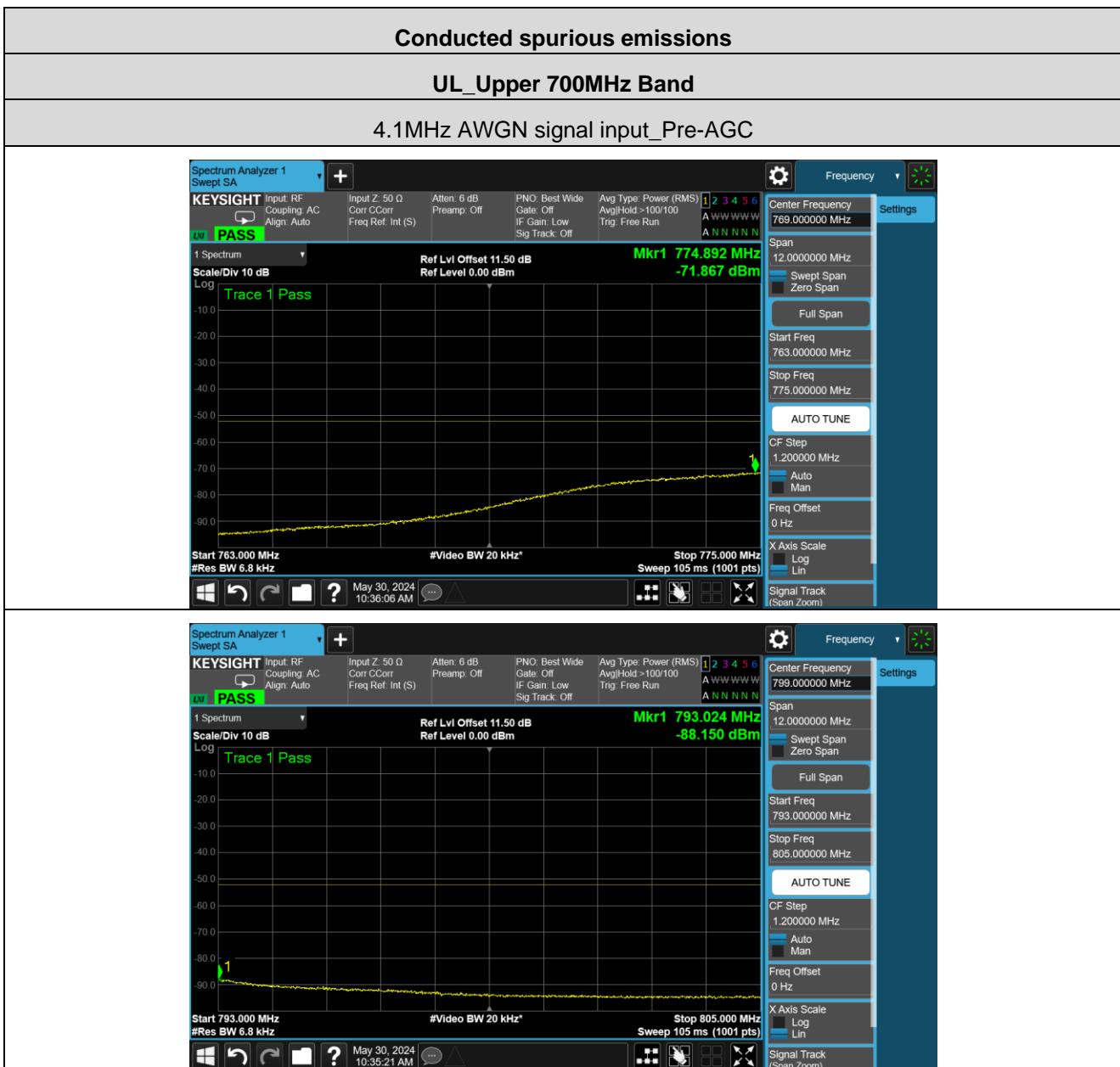
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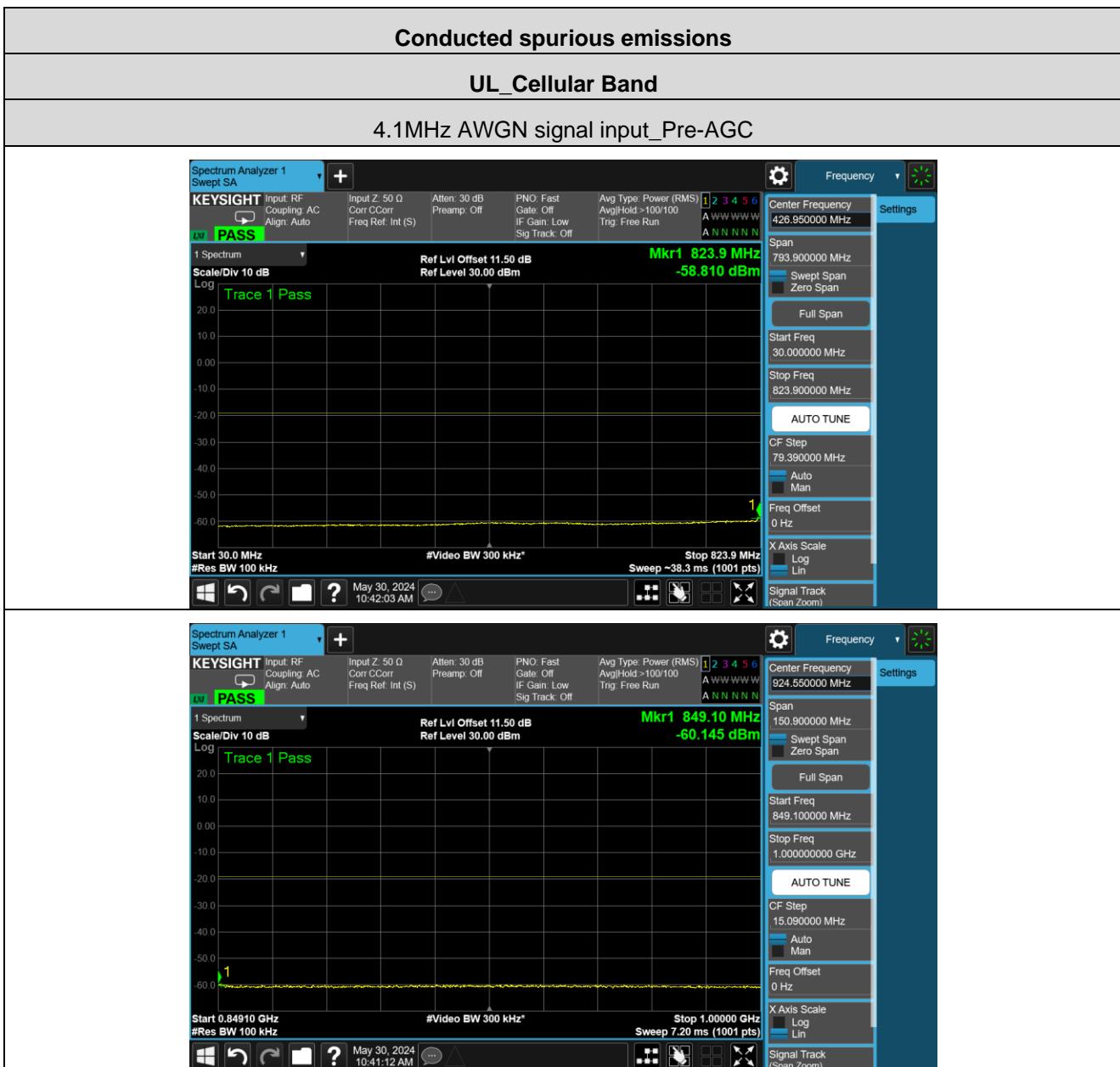
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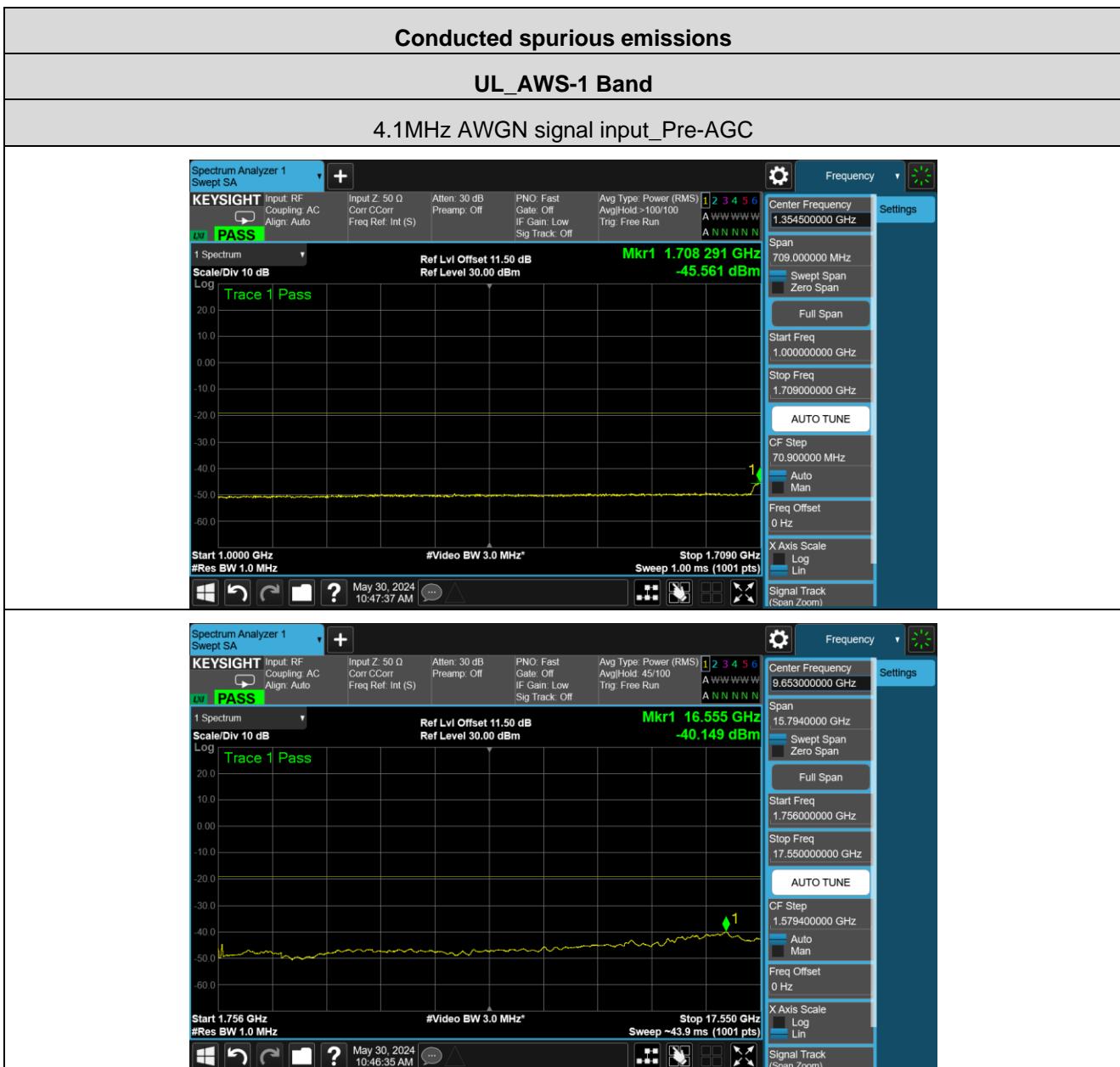
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t (86-20) 82155555 sgs.china@sgs.com



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Guangzhou Branch Testing and EEC Laboratory

No.198, Kex Zhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663

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Conducted spurious emissions

UL_Broadband PCS Band

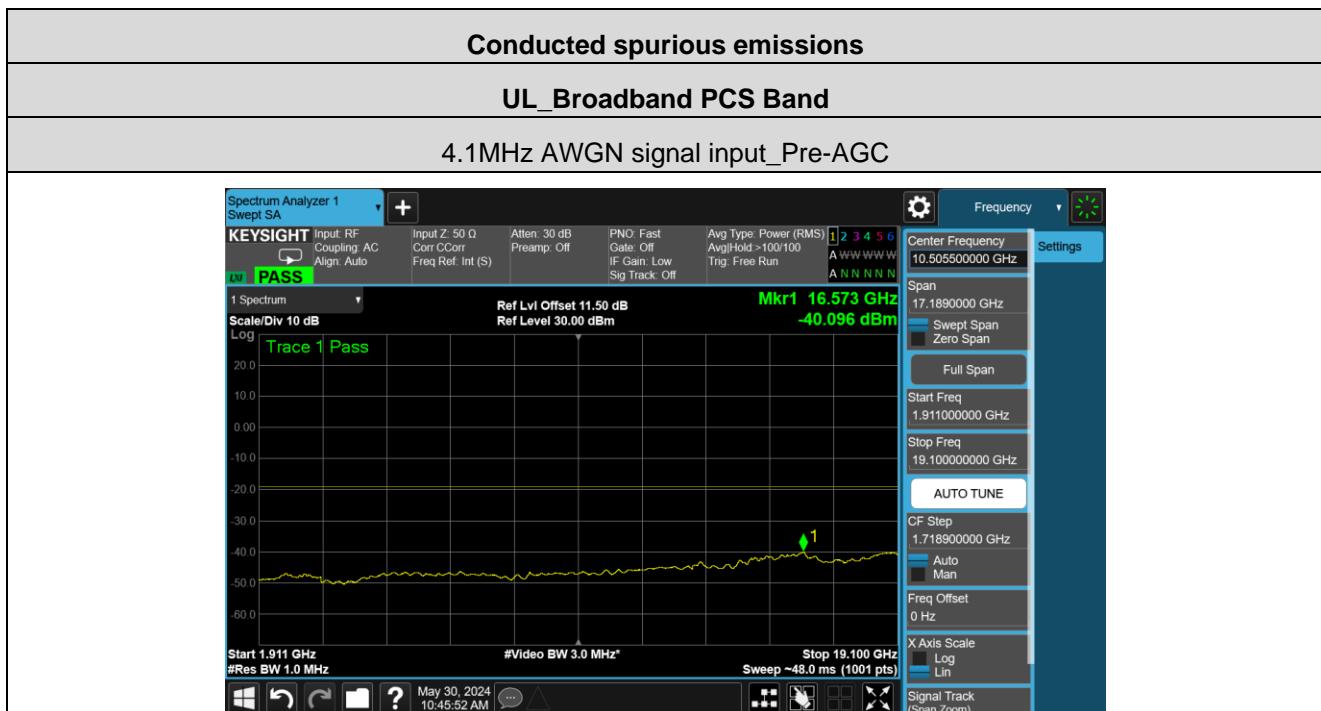
4.1MHz AWGN signal input_Pre-AGC



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sample(s) are retained for 30 days only. After inspection, if no sample(s) are retained, please contact us at telephone: (86-755) 83071442.



7 Noise limit

Maximum transmitter Noise Power Level					
Path	Band	EUT Status	Noise Level (dBm/MHz)	Limit (dBm/MHz)	Verdict
DL	700MHz	Power On	-46.4	≤-45.5	PASS
		Power Off	-81.4	≤-70.0	PASS
	Cellular	Power On	-46.2	≤-44.1	PASS
		Power Off	-81.3	≤-70.0	PASS
	AWS-1	Power On	-39.8	≤-37.7	PASS
		Power Off	-79.0	≤-70.0	PASS
	Broadband PCS	Power On	-39.3	≤-37.0	PASS
		Power Off	-79.5	≤-70.0	PASS
UL	Lower 700MHz	Power On	-51.8	≤-45.5	PASS
		Power Off	-81.3	≤-70.0	PASS
	Upper 700MHz	Power On	-53.1	≤-44.6	PASS
		Power Off	-81.1	≤-70.0	PASS
	Cellular	Power On	-51.6	≤-44.1	PASS
		Power Off	-81.0	≤-70.0	PASS
	AWS-1	Power On	-45.5	≤-37.7	PASS
		Power Off	-80.5	≤-70.0	PASS
	Broadband PCS	Power On	-46.0	≤-37.0	PASS
		Power Off	-80.0	≤-70.0	PASS

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Guangzhou Branch Testing & EEC Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
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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	-51.8	≤-45.5	PASS
		-80	-51.8	≤-45.5	PASS
		-70	-51.8	≤-45.5	PASS
		-60	-51.8	≤-45.5	PASS
		-52	-60.3	≤-51.0	PASS
		-50	-61.9	≤-53.0	PASS
	Upper 700MHz	-90	-53.1	≤-44.6	PASS
		-80	-53.1	≤-44.6	PASS
		-70	-53.1	≤-44.6	PASS
		-60	-55.0	≤-44.6	PASS
		-48	-61.1	≤-55.0	PASS
		-45	-62.8	≤-58.0	PASS
	Cellular	-90	-51.6	≤-44.1	PASS
		-80	-51.6	≤-44.1	PASS
		-70	-51.6	≤-44.1	PASS
		-60	-51.6	≤-44.1	PASS
		-55	-53.1	≤-48.0	PASS
		-43	-64.0	≤-60.0	PASS
	AWS-1	-90	-45.5	≤-37.7	PASS
		-80	-45.5	≤-37.7	PASS
		-70	-45.5	≤-37.7	PASS
		-61	-45.5	≤-42.0	PASS
		-54	-53.1	≤-49.0	PASS
		-50	-56.7	≤-53.0	PASS

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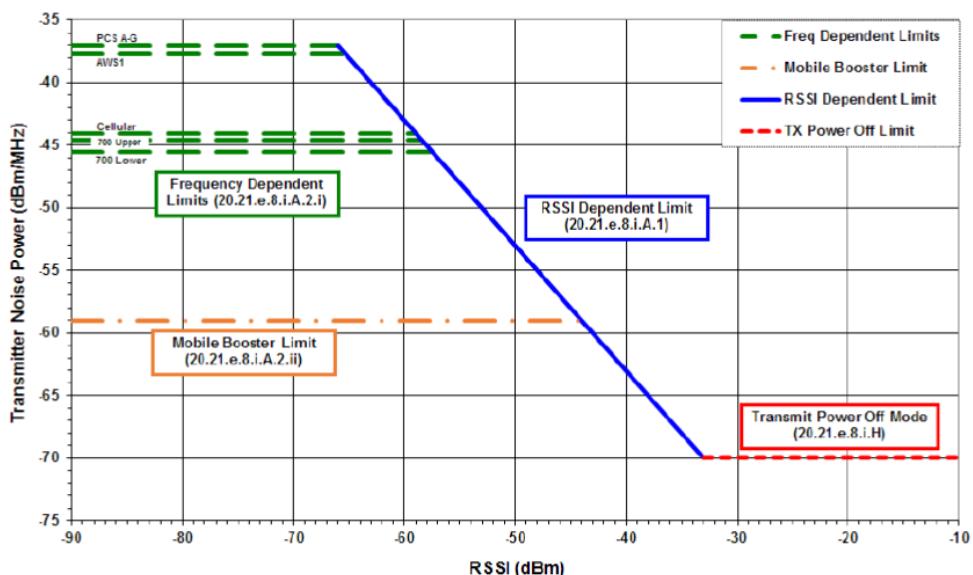
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中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com
t (86-20) 82155555 sgs.china@sgs.com

Variable Uplink Noise Power Level					
Path	Band	RSSI (dBm)	Noise Level (dBm/MHz)	Limit (dBm/MHz)	Verdict
UL	Broadband PCS	-90	-46.0	≤-37.0	PASS
		-80	-46.0	≤-37.0	PASS
		-70	-46.0	≤-37.0	PASS
		-63	-46.0	≤-40.0	PASS
		-58	-49.6	≤-45.0	PASS
		-48	-58.3	≤-55.0	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 -57.5 dBm to -33 dBm

for Upper 700MHz, the RSSI-dependent region is -58.4 dBm to -33 dBm

for Cellular, the RSSI-dependent region is -58.9 dBm to -33 dBm

for AWS-1, the RSSI-dependent region is -65.3 dBm to -33 dBm

for Broadband PCS, the RSSI-dependent region is -66.0 dBm to -33 dBm



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Variable Uplink Noise Timing				
Path	Band	Time (ms)	Limit (ms)	Verdict
UL	Lower 700MHz	50	≤3000	PASS
	Upper 700MHz	60	≤3000	PASS
	Cellular	50	≤3000	PASS
	AWS-1	110	≤3000	PASS
	Broadband PCS	50	≤3000	PASS



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