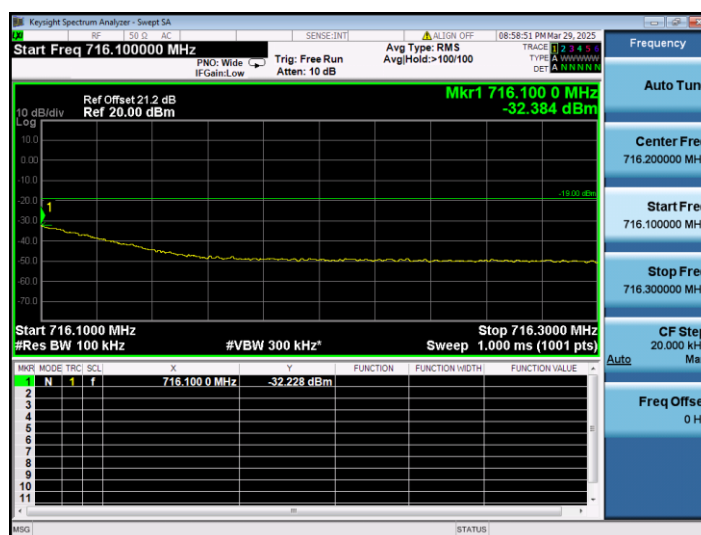
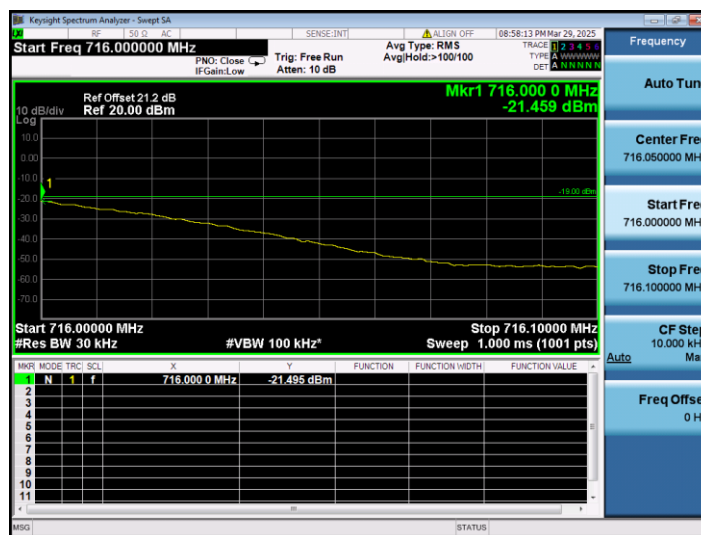


Out-of-band emissions

UL_Lower 700MHz Band

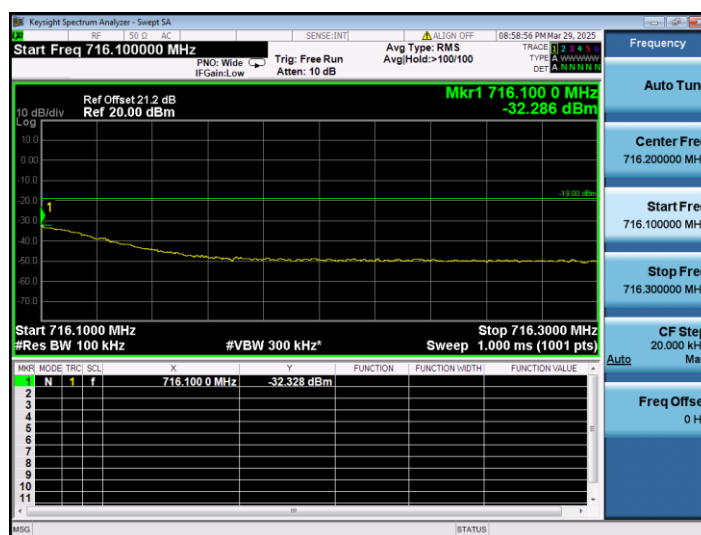
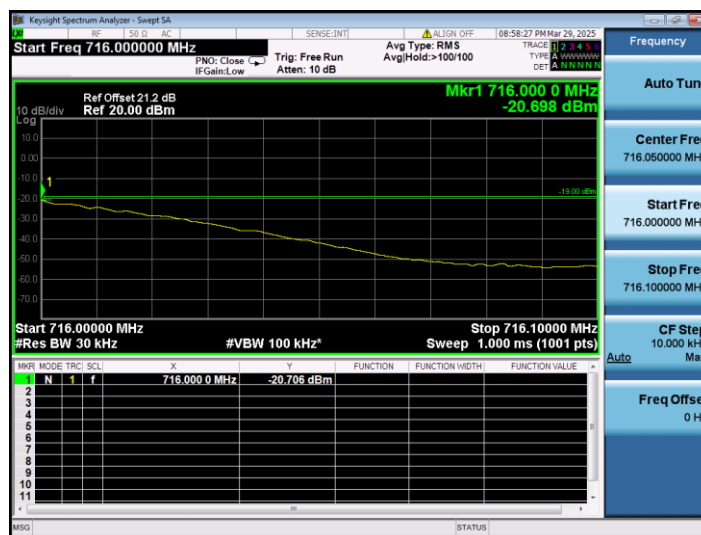
1.25MHz AWGN signal input_Upper band edge_Pre-AGC



Out-of-band emissions

UL_Lower 700MHz Band

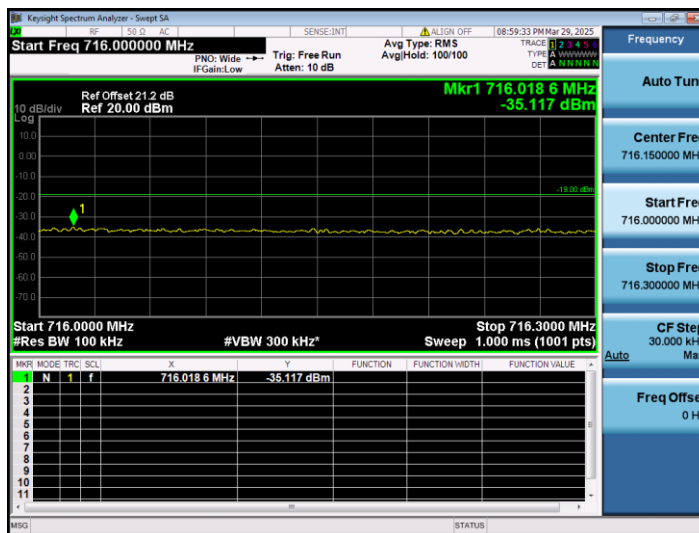
1.25MHz AWGN signal input_Upper band edge_10dB above AGC



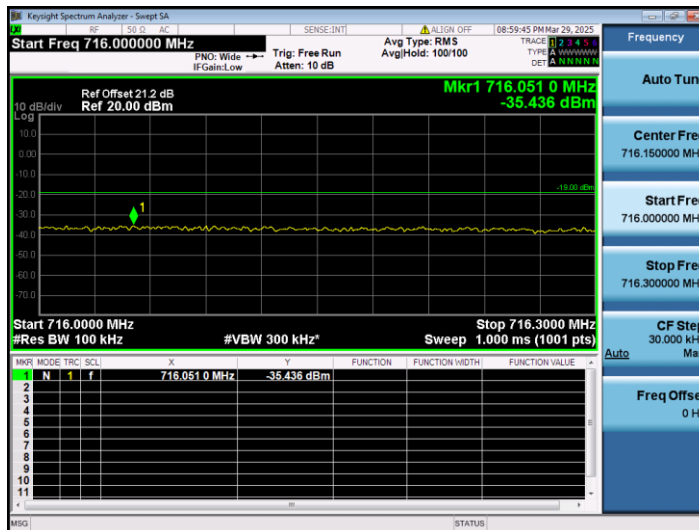
Out-of-band emissions

UL_Lower 700MHz Band

4.1MHz AWGN signal input_Lower band edge_Pre-AGC



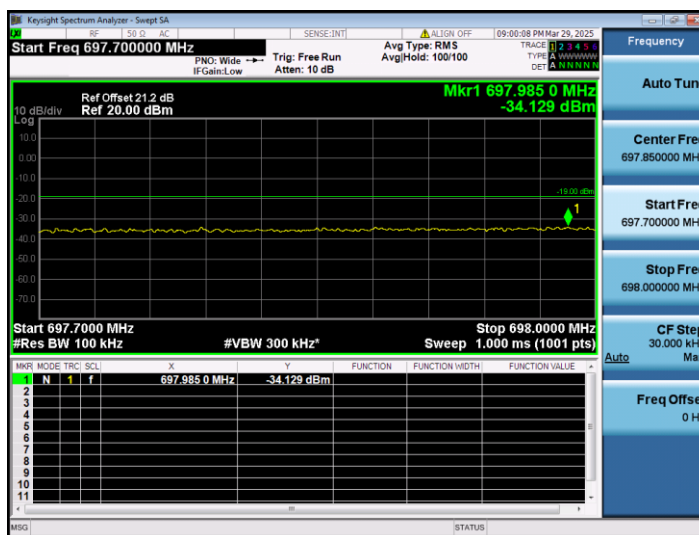
4.1MHz AWGN signal input_Lower band edge_10dB above AGC



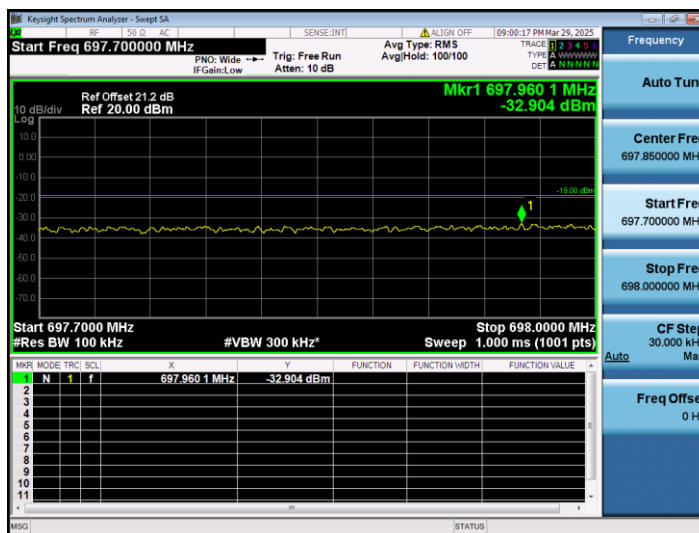
Out-of-band emissions

UL_Lower 700MHz 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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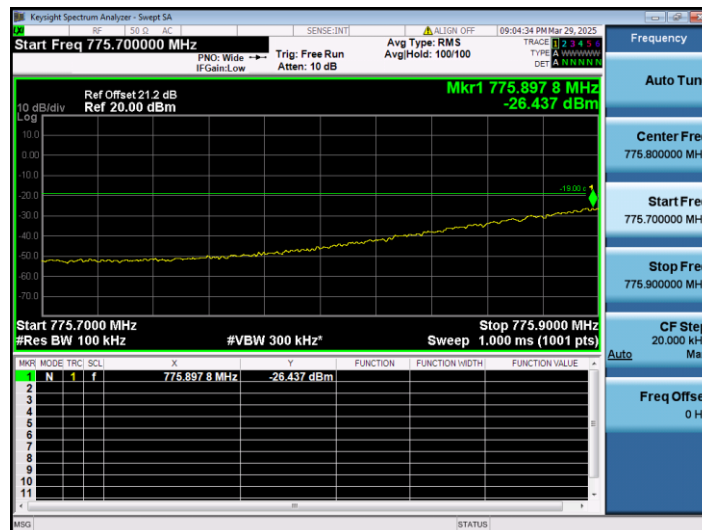
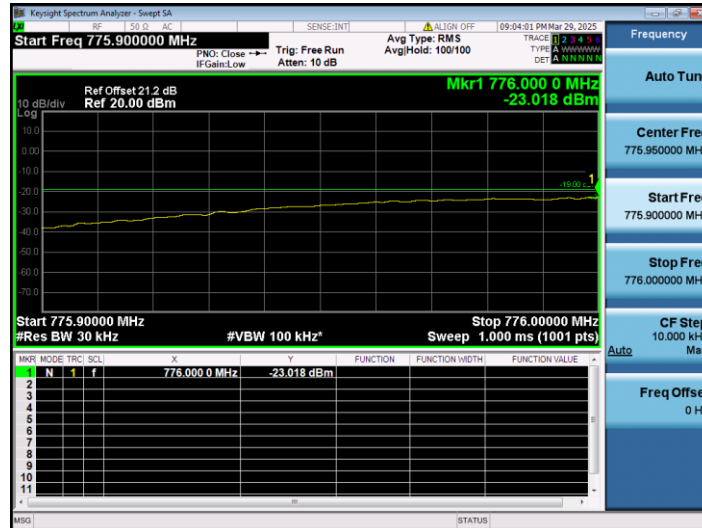
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Out-of-band emissions

UL_Upper 700MHz Band

GSM signal input_Lower band edge_Pre-AGC



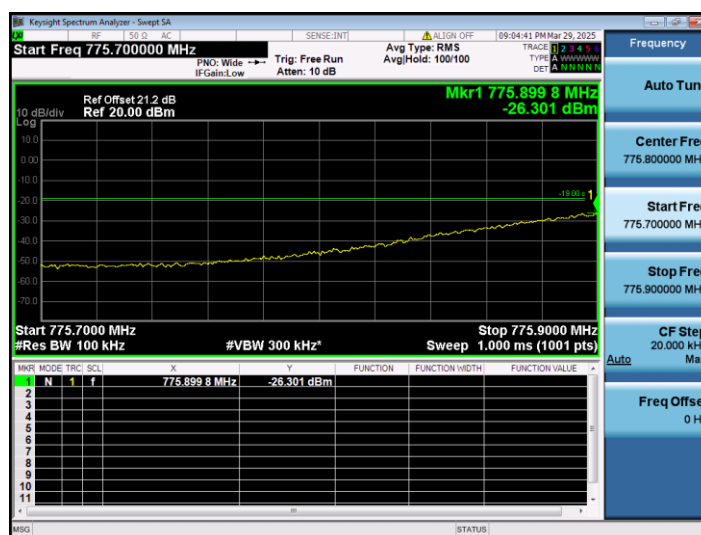
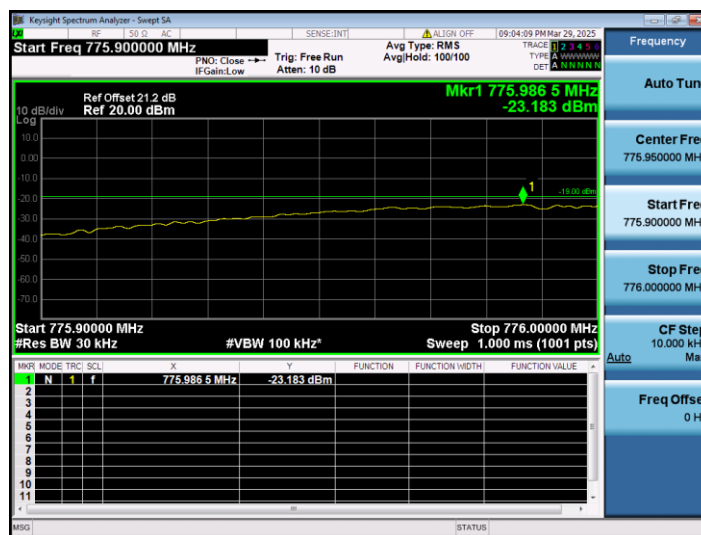
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Out-of-band emissions

UL_Upper 700MHz Band

GSM signal input_Lower band edge_10dB above AGC



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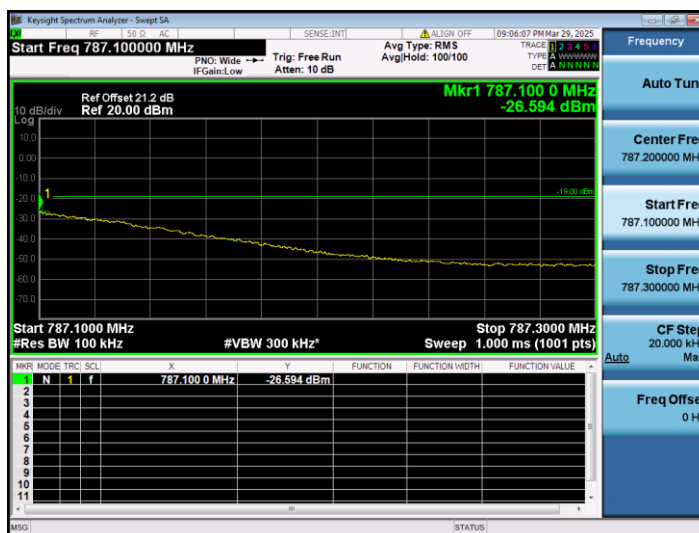
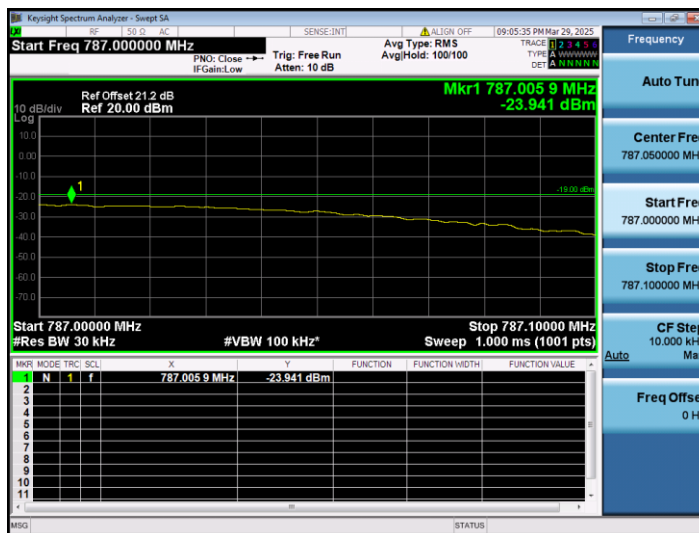
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Out-of-band emissions

UL_Upper 700MHz Band

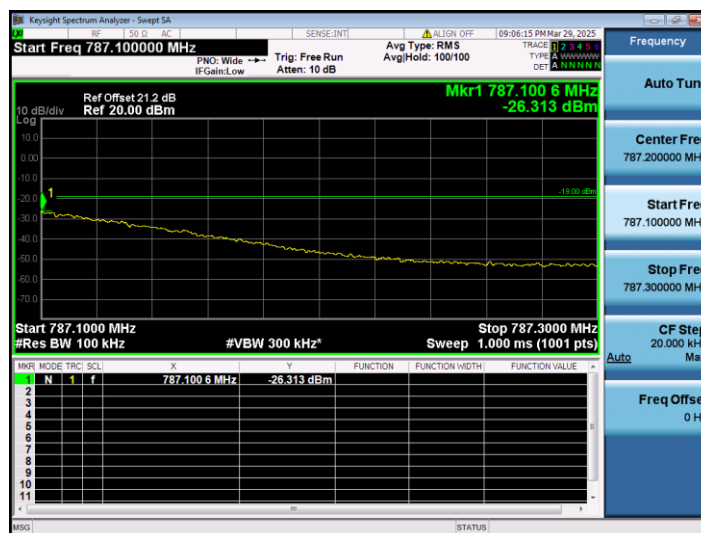
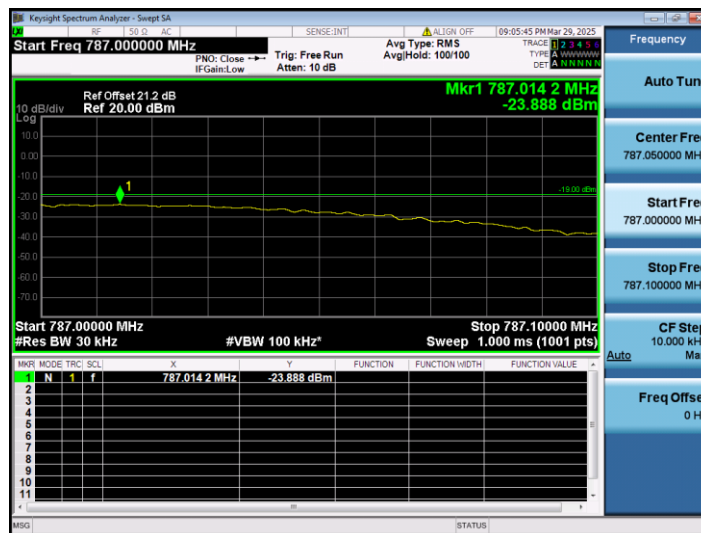
GSM signal input_Upper band edge_Pre-AGC



Out-of-band emissions

UL_Upper 700MHz Band

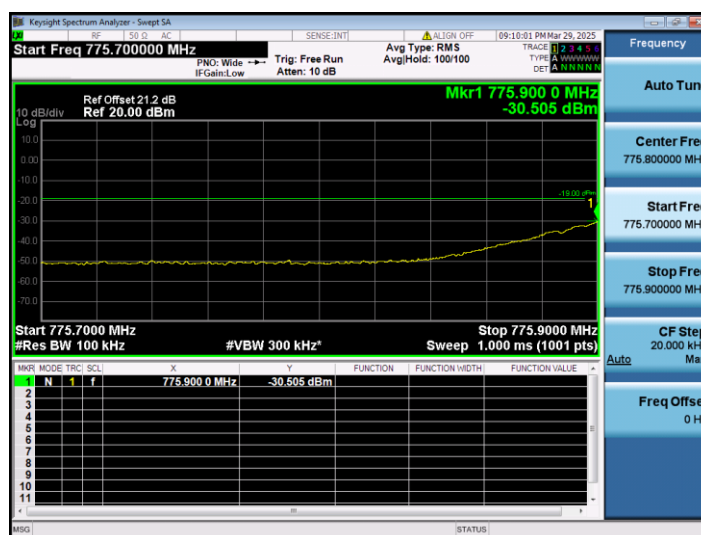
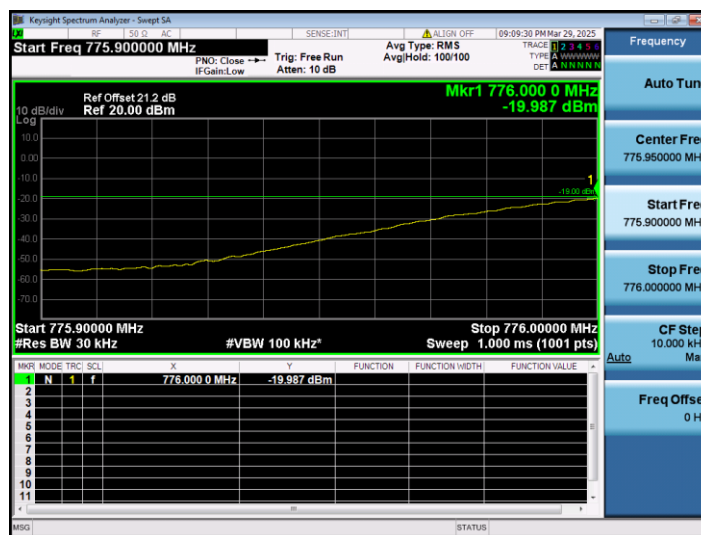
GSM signal input_Upper band edge_10dB above AGC



Out-of-band emissions

UL_Upper 700MHz Band

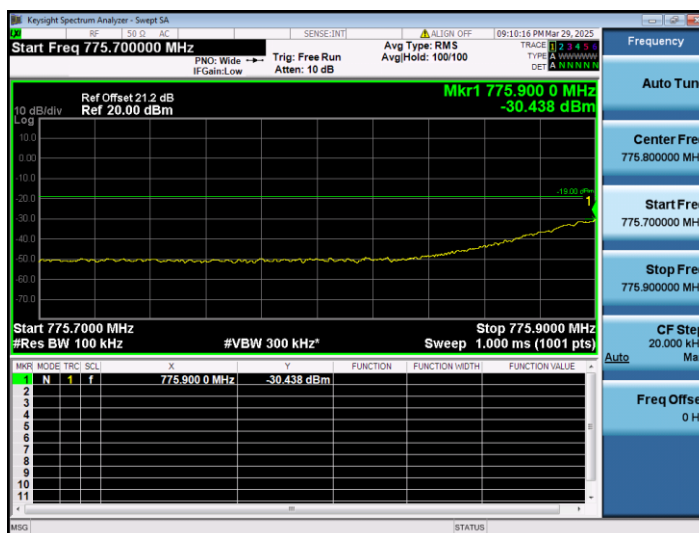
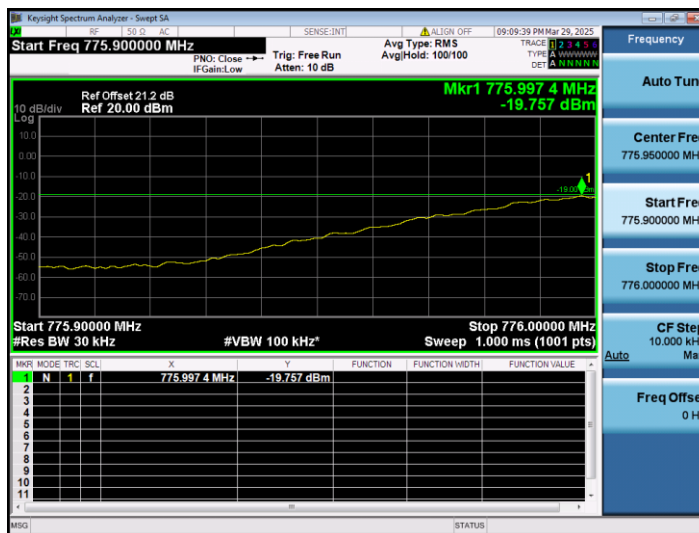
1.25MHz AWGN signal input_Lower band edge_Pre-AGC



Out-of-band emissions

UL_Upper 700MHz Band

1.25MHz AWGN signal input_Lower band edge_10dB above AGC



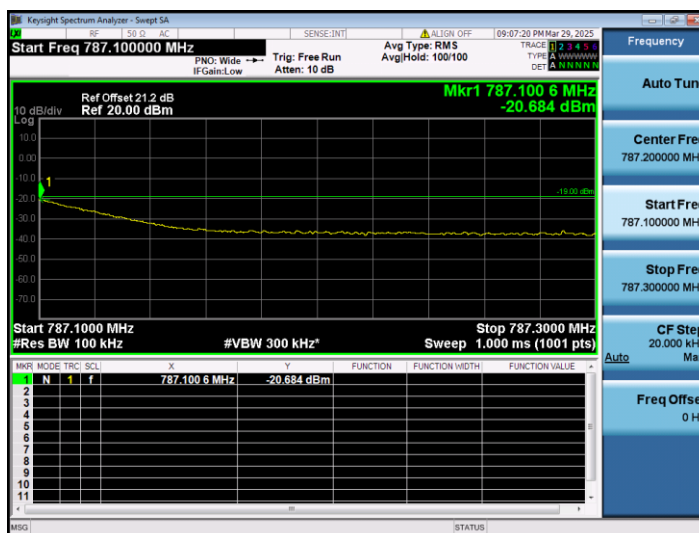
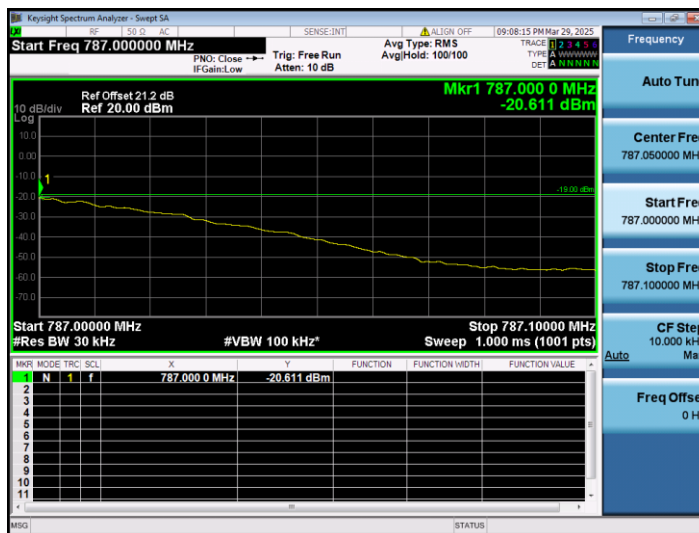
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Out-of-band emissions

UL_Upper 700MHz Band

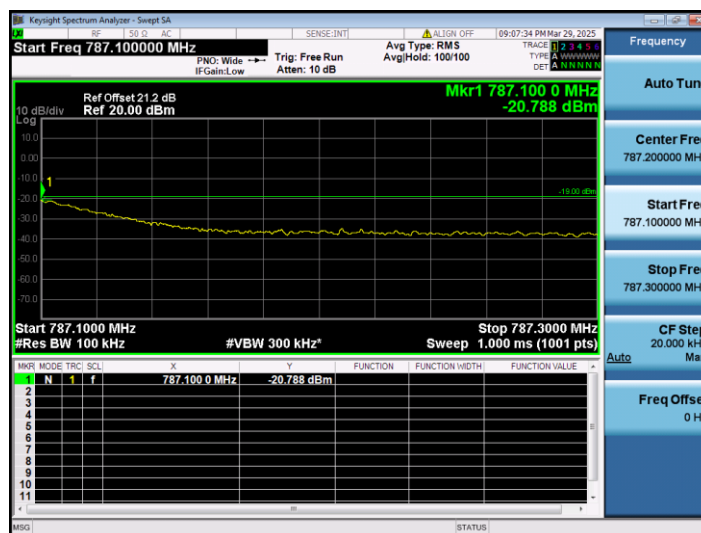
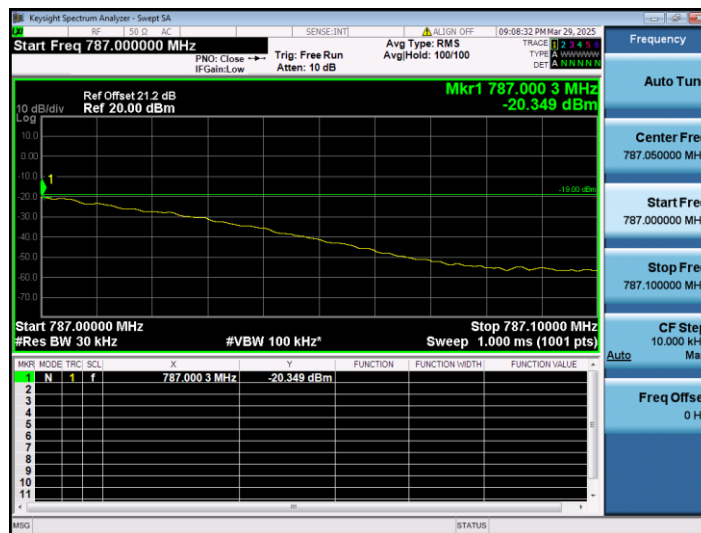
1.25MHz AWGN signal input_Upper band edge_Pre-AGC



Out-of-band emissions

UL_Upper 700MHz Band

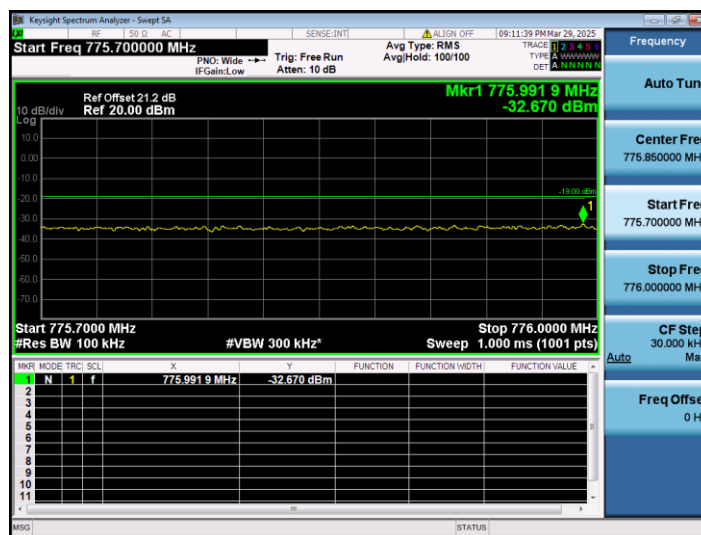
1.25MHz AWGN signal input_Upper band edge_10dB above AGC



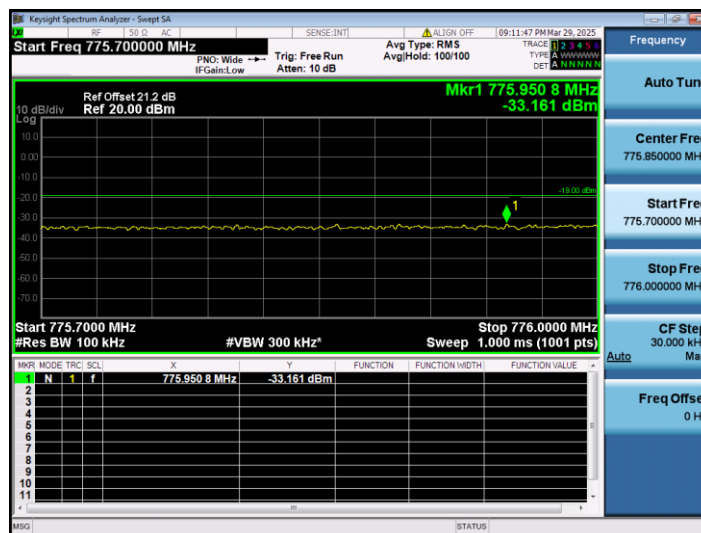
Out-of-band emissions

UL_Upper 700MHz Band

4.1MHz AWGN signal input_Lower band edge_Pre-AGC



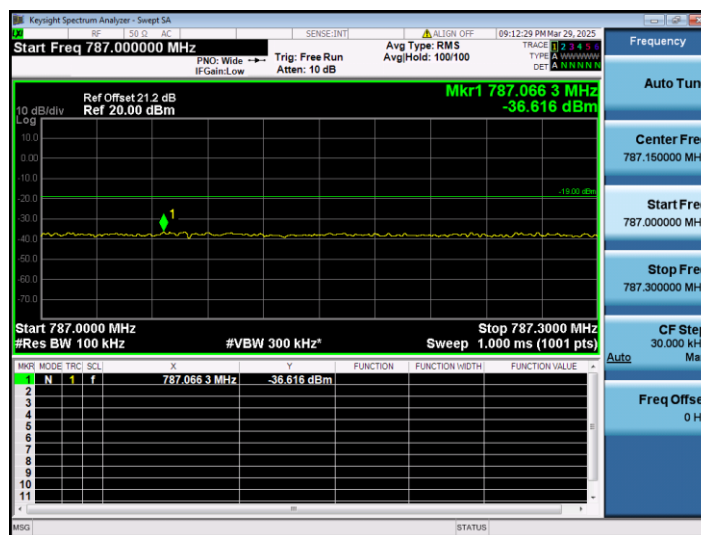
4.1MHz AWGN signal input_Lower band edge_10dB above AGC



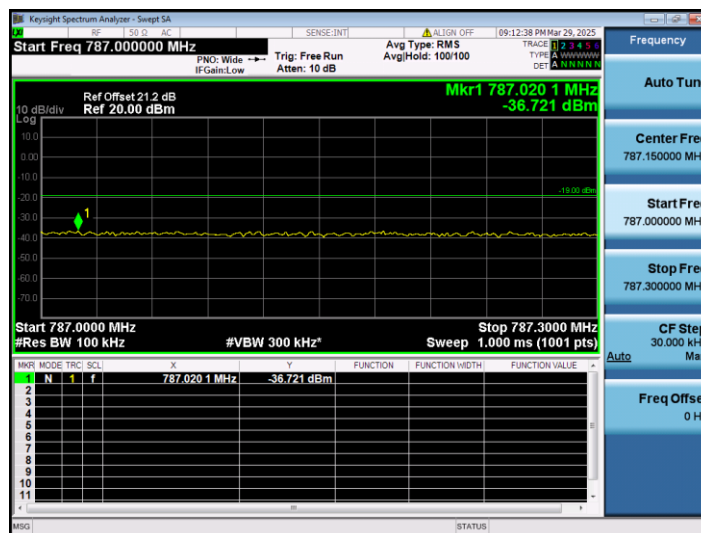
Out-of-band emissions

UL_Upper 700MHz Band

4.1MHz AWGN signal input_Upper band edge_Pre-AGC



4.1MHz AWGN signal input_Upper band edge_10dB above AGC



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	-50.81	≤-19	PASS
				757.1-7570	-42.74		PASS
	Upper 700MHz	4.1MHz AWGN	Pre-AGC	763-775	-86.25	≤-52	PASS
				793-805	-87.10		PASS
UL	Lower 700MHz	4.1MHz AWGN	Pre-AGC	30-697.9	-44.13	≤-19	PASS
				716.1-7160	-42.26		PASS
	Upper 700MHz	4.1MHz AWGN	Pre-AGC	30-775.9	-34.85	≤-19	PASS
				787.1-7870	-34.80		PASS
				763-775	-86.25	≤-52	PASS
				793-805	-87.22		PASS
Remark: The spurious emissions 9kHz to 30MHz were very low and not displayed in this Appendix.							



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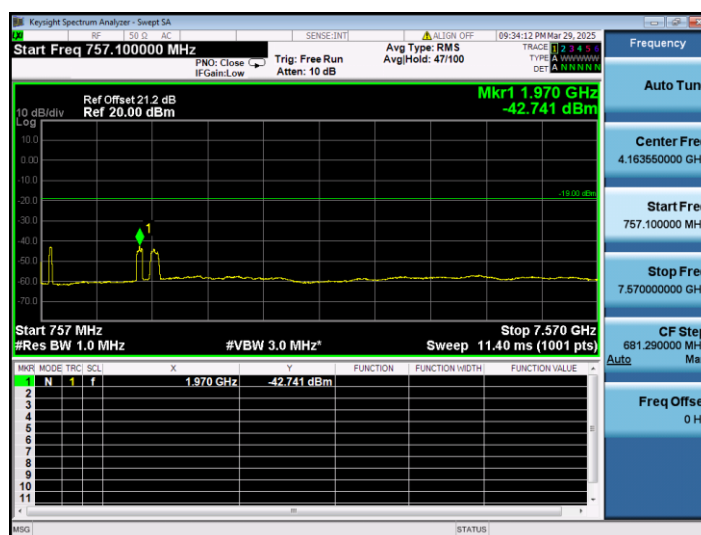
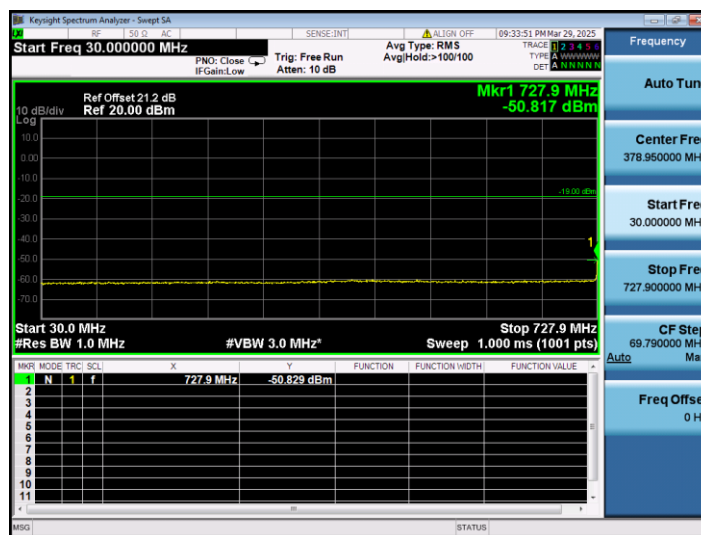
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Conducted spurious emissions

DL_700MHz Band

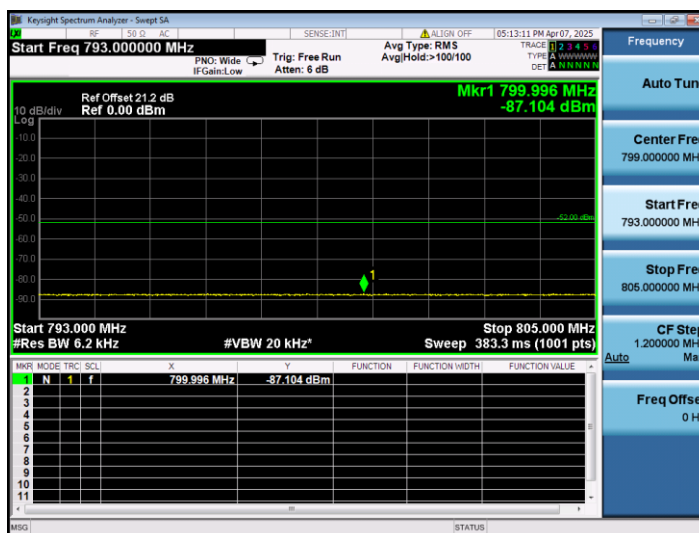
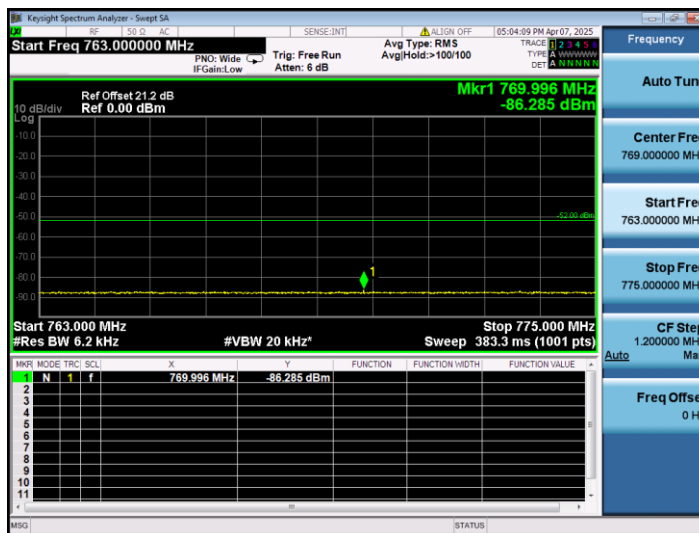
4.1MHz AWGN signal input_Pre-AGC



Conducted spurious emissions

DL_Upper 700MHz Band

4.1MHz AWGN signal input_Pre-AGC



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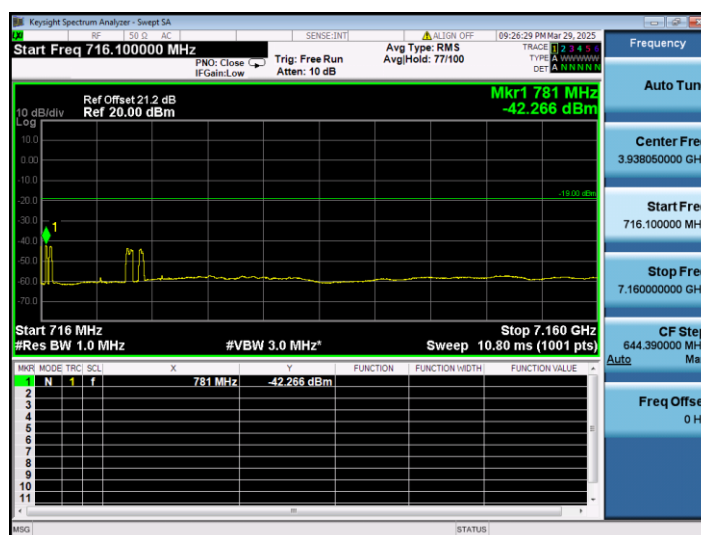
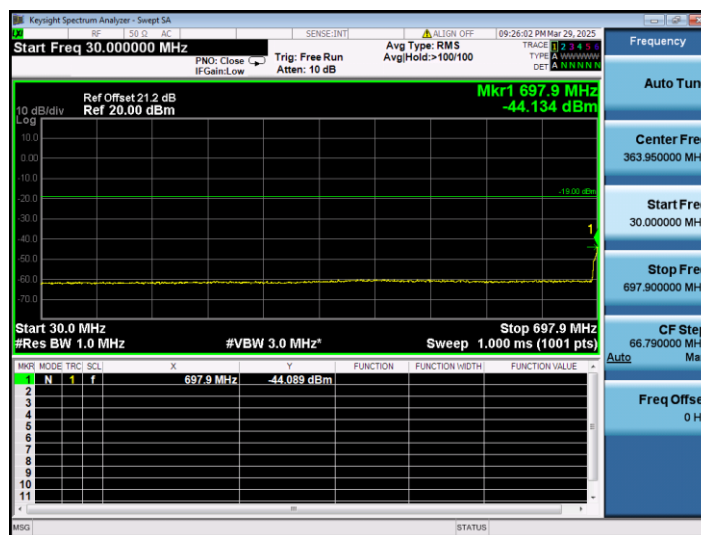
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Conducted spurious emissions

UL_Lower 700MHz Band

4.1MHz AWGN signal input_Pre-AGC



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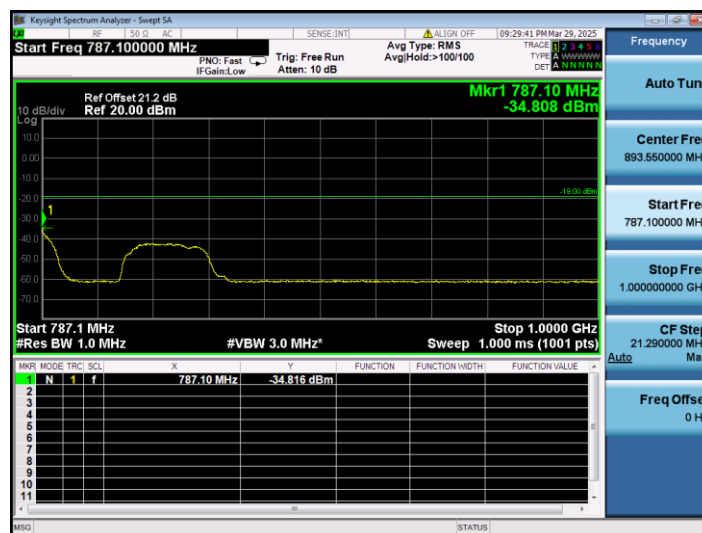
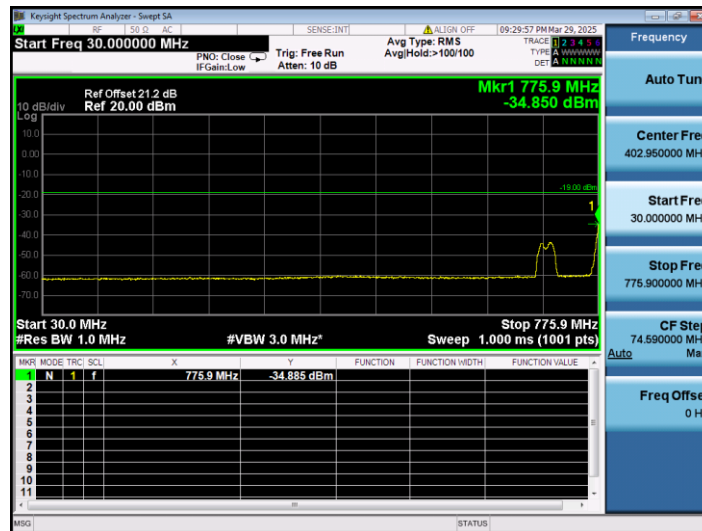
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Conducted spurious emissions

UL_Upper 700MHz Band

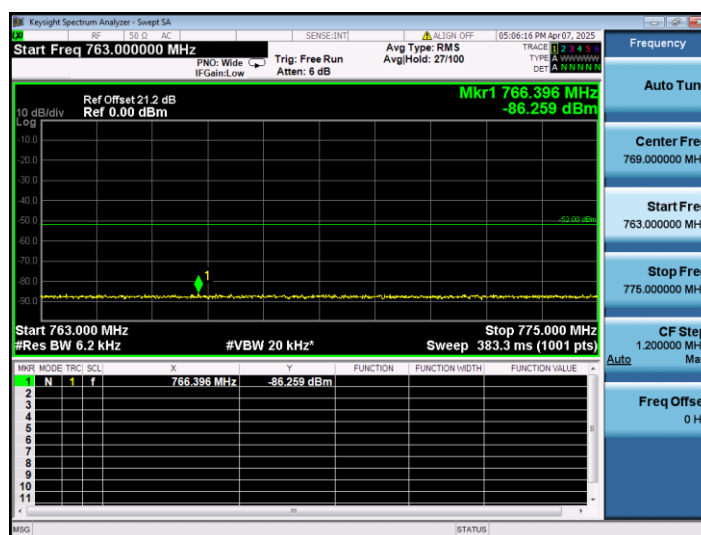
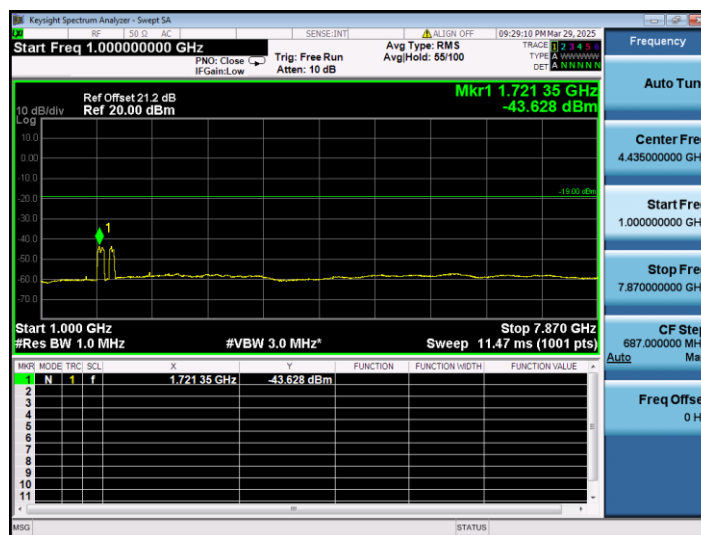
4.1MHz AWGN signal input_Pre-AGC



Conducted spurious emissions

UL_Upper 700MHz Band

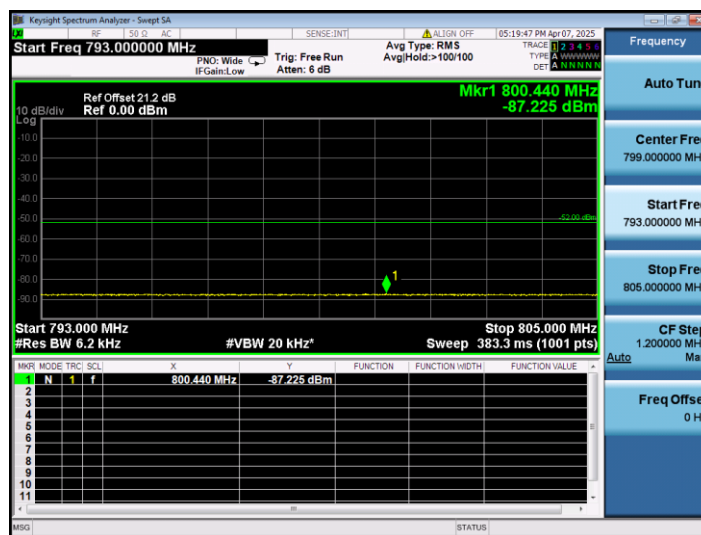
4.1MHz AWGN signal input_Pre-AGC



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	-47.27	≤-45.5	PASS
		Power Off	-75.43	≤-70.0	PASS
UL	Lower 700MHz	Power On	-47.14	≤-45.5	PASS
		Power Off	-75.14	≤-70.0	PASS
	Upper 700MHz	Power On	-46.18	≤-44.6	PASS
		Power Off	-75.95	≤-70.0	PASS

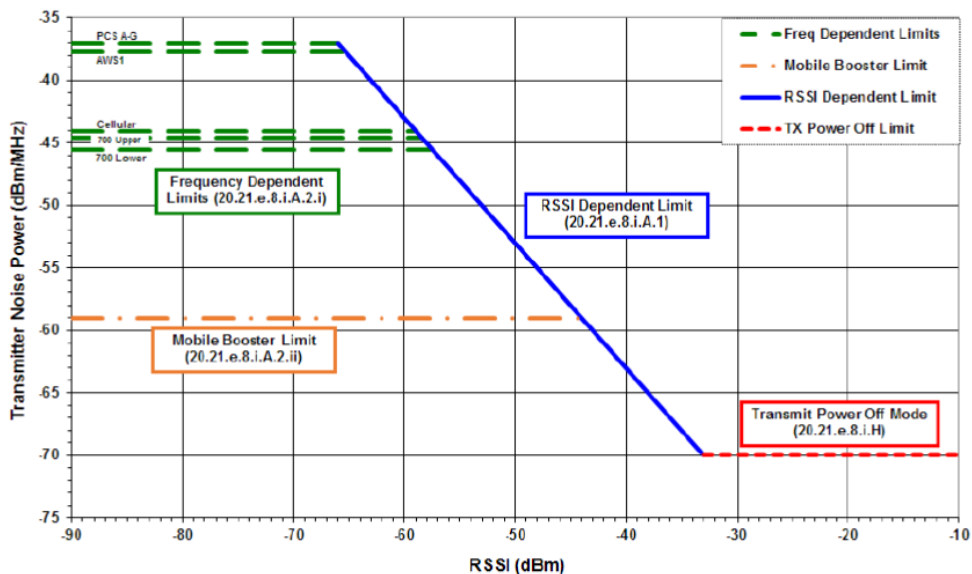
Variable Uplink Noise Power Level					
Path	Band	RSSI (dBm)	Noise Level (dBm/MHz)	Limit (dBm/MHz)	Verdict
UL	Lower 700MHz	-90	-47.14	≤-45.5	PASS
		-80	-47.14	≤-45.5	PASS
		-70	-47.14	≤-45.5	PASS
		-63	-49.28	≤-45.5	PASS
		-50	-55.73	≤-53.0	PASS
		-44	-61.21	≤-59.0	PASS
	Upper 700MHz	-90	-46.18	≤-44.6	PASS
		-80	-46.18	≤-44.6	PASS
		-70	-47.75	≤-44.6	PASS
		-60	-48.92	≤-44.6	PASS
		-55	-50.75	≤-48.0	PASS
		-42	-63.09	≤-61.0	PASS



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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

Variable Uplink Noise Timing				
Path	Band	Time (ms)	Limit (ms)	Verdict
UL	Lower 700MHz	20	≤3000	PASS
	Upper 700MHz	50	≤3000	PASS



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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Power EMC Laboratory

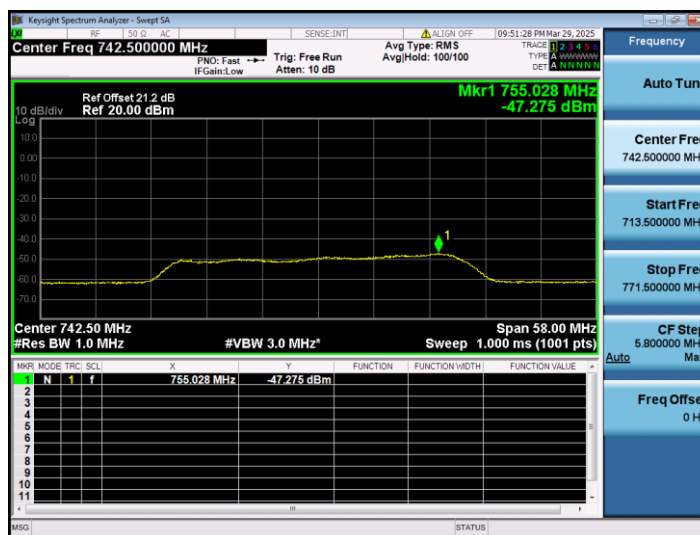
No. 198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

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

Maximum transmitter Noise Power Level

DL_700MHz Band

Power on



Power off

