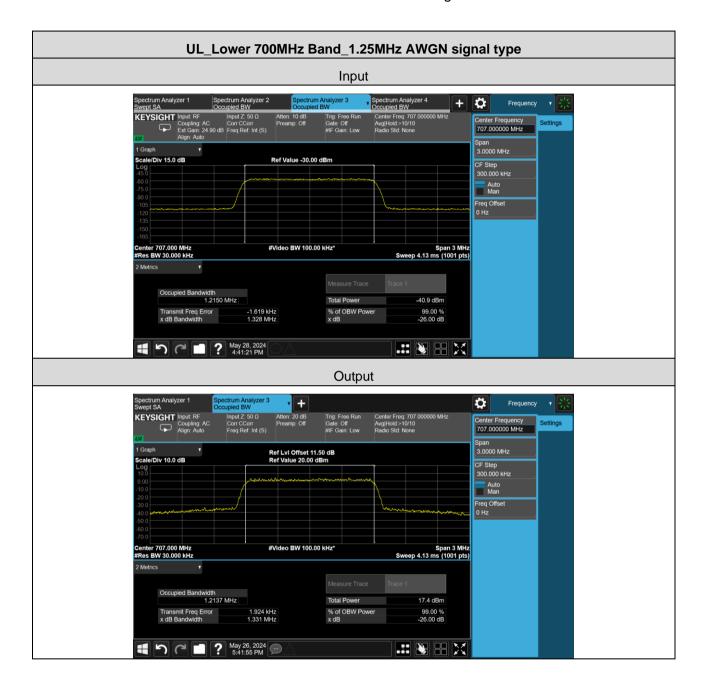


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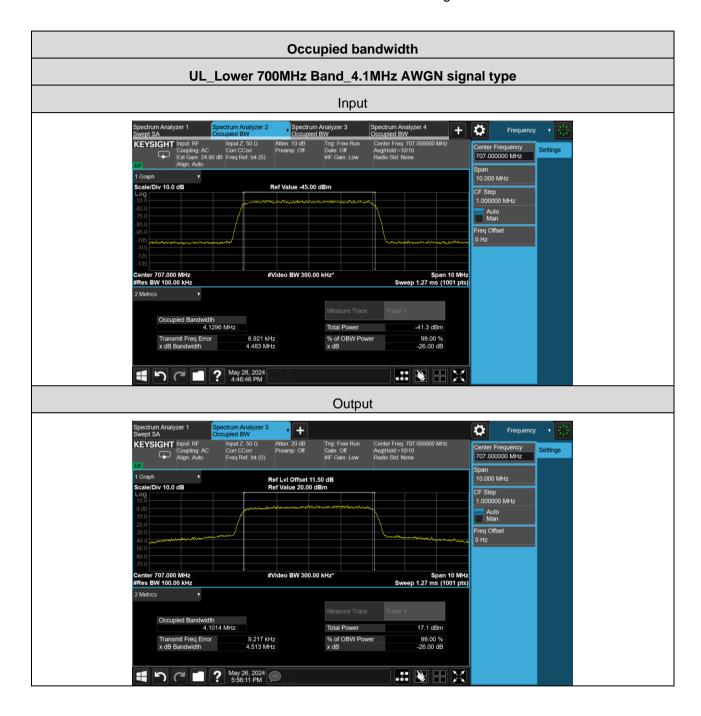
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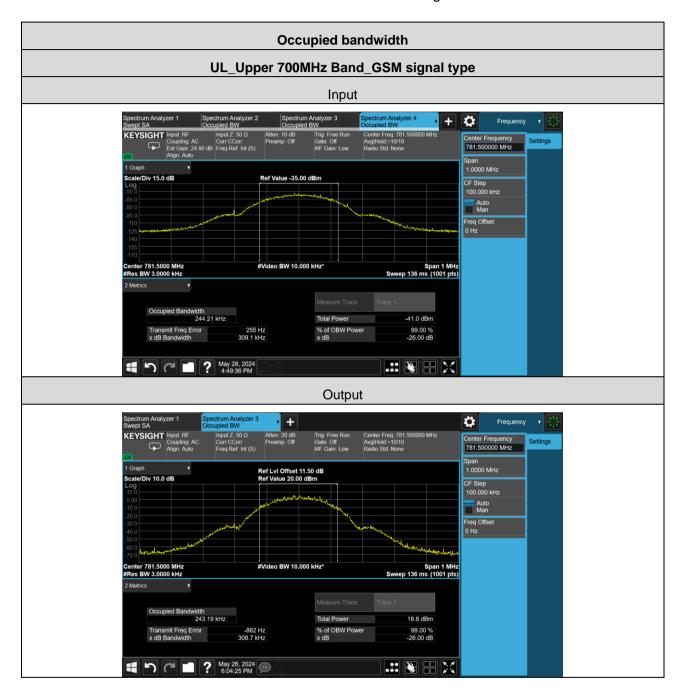
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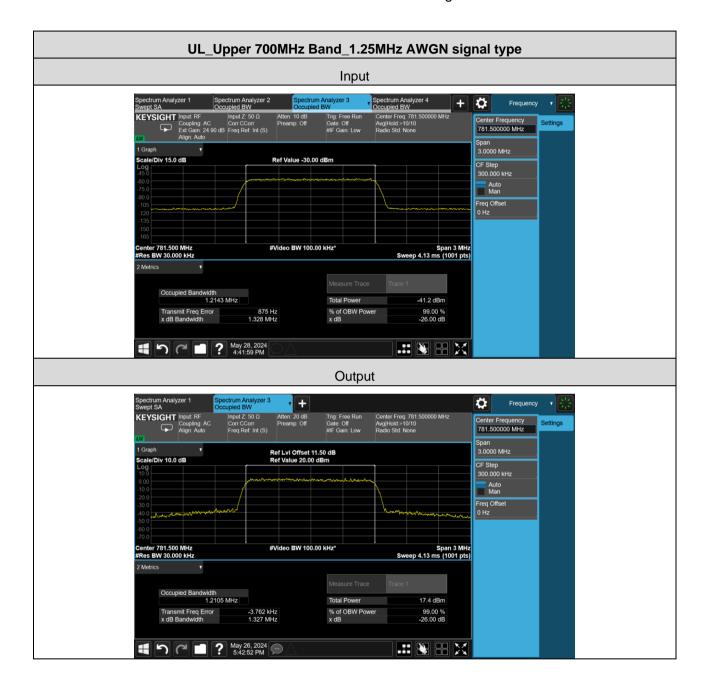
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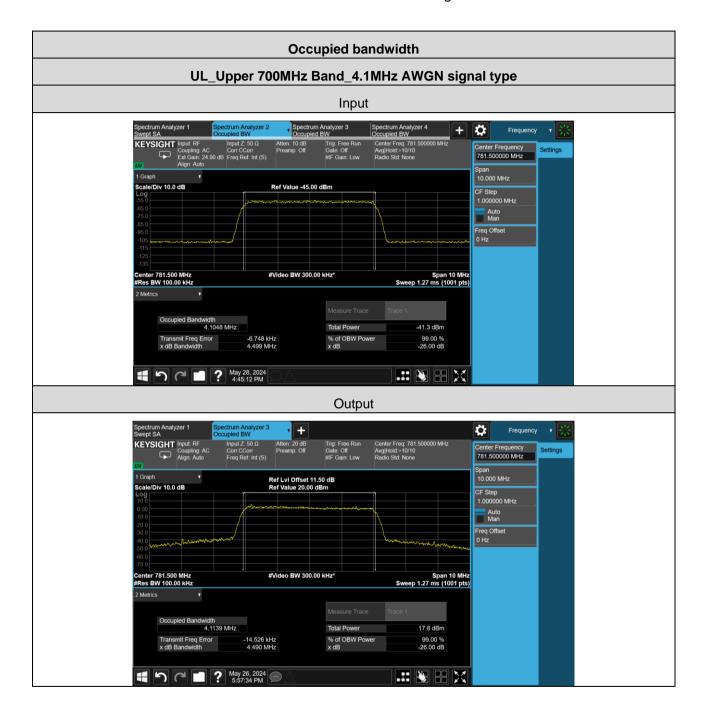
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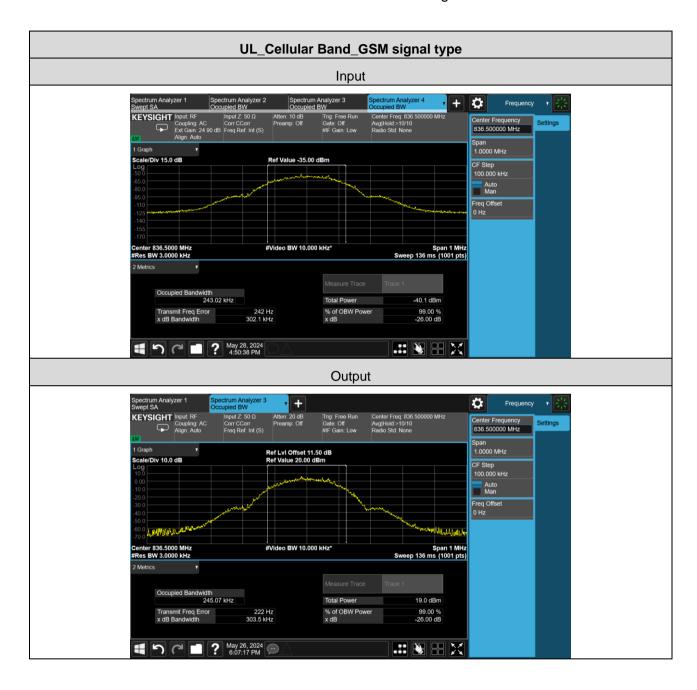
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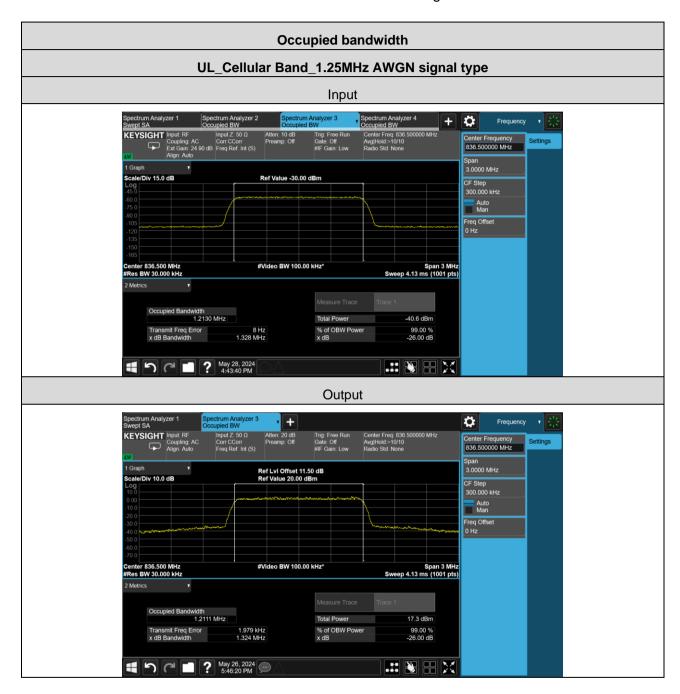


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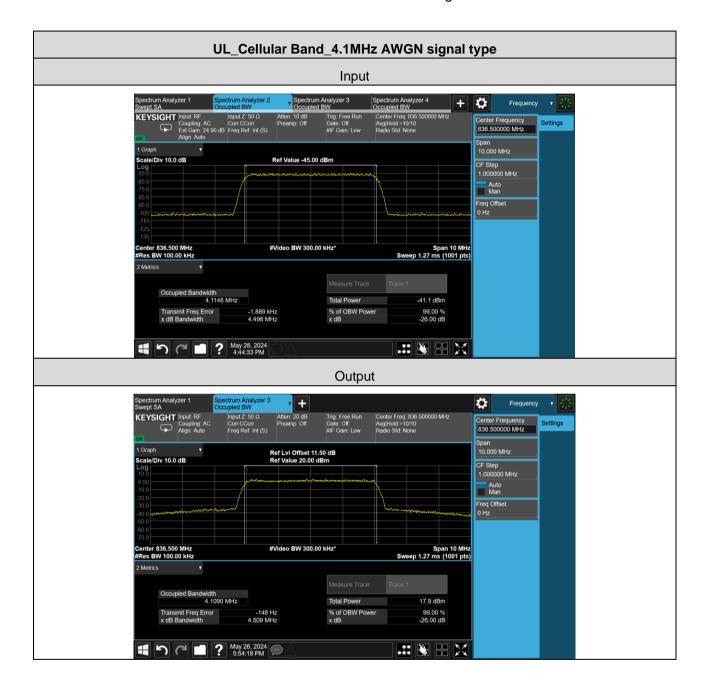
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11 Oscillation detection

Oscillation Restart Tests										
Path	Band	Detection Time (s)	Limit (s)	Oscillation Level (dBm)	Restart Time (s)	Limit (s)	Number of Restart	Limit	Verdict	
DL	700MHz	0.21	_	16.2	64.1	≥60	2	≤5	PASS	
	Cellular	0.19	≤1	13.6	62.4		2		PASS	
UL	Lower 700MHz	0.18	≤0.3	20.3	64.9	≥60	2	≤5	PASS	
	Upper 700MHz	0.23		22.3	65.2		2		PASS	
	Cellular	0.18		23.5	64.9		2		PASS	



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Oscillation Mitigation or Shutdown								
Path	Band	Isolation (dB)		Dscillation Level Lowest level (dBm)	Difference (dB)	Limit (dB)	Verdict	
	700MHz	67.2		(shutdown)			PASS	
		66.2					PASS	
		65.2					PASS	
		64.2					PASS	
		63.2					PASS	
		62.2				≤12	PASS	
		61.2					PASS	
		60.2					PASS	
		59.2					PASS	
		58.2					PASS	
		57.2					PASS	
DL	Cellular	68.5		(shutdown)			PASS	
		67.5					PASS	
		66.5					PASS	
		65.5					PASS	
		64.5					PASS	
		63.5				≤12	PASS	
		62.5					PASS	
		61.5					PASS	
		60.5					PASS	
		59.5					PASS	
		58.5					PASS	



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Oscillation Mitigation or Shutdown								
Path	Band	Isolation (dB)		Dscillation Level Lowest level (dBm)	Difference (dB)	Limit (dB)	Verdict	
	Lower 700MHz	64.2		(shutdown)			PASS	
		63.2					PASS	
		62.2					PASS	
		61.2					PASS	
		60.2					PASS	
		59.2				≤12	PASS	
		58.2					PASS	
		57.2					PASS	
		56.2					PASS	
		55.2					PASS	
		54.2					PASS	
UL	Upper 700MHz	65.0		(shutdown)			PASS	
		64.0					PASS	
		63.0					PASS	
		62.0					PASS	
		61.0					PASS	
		60.0				≤12	PASS	
		59.0					PASS	
		58.0					PASS	
		57.0					PASS	
		56.0					PASS	
		55.0					PASS	



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Oscillation Mitigation or Shutdown								
Path Band	Isolation	(Limit					
	Band	(dB)	Highest level (dBm)	Lowest level (dBm)	Difference (dB)	(dB)	Verdict	
		64.4		(shutdown)			PASS	
UL	Cellular	63.4					PASS	
		62.4					PASS	
		61.4					PASS	
		60.4					PASS	
		59.4				≤12	PASS	
		58.4					PASS	
		57.4					PASS	
		56.4					PASS	
		55.4					PASS	
		54.4					PASS	



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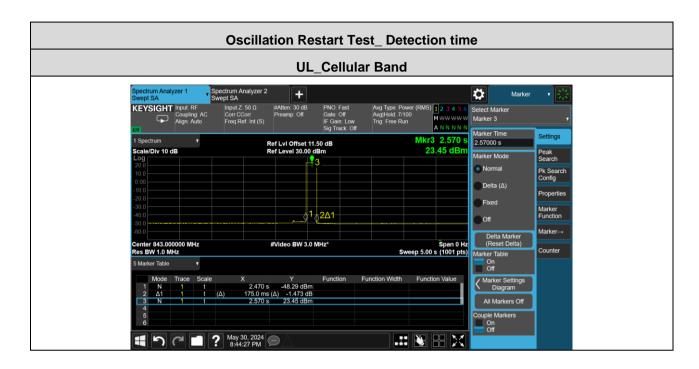
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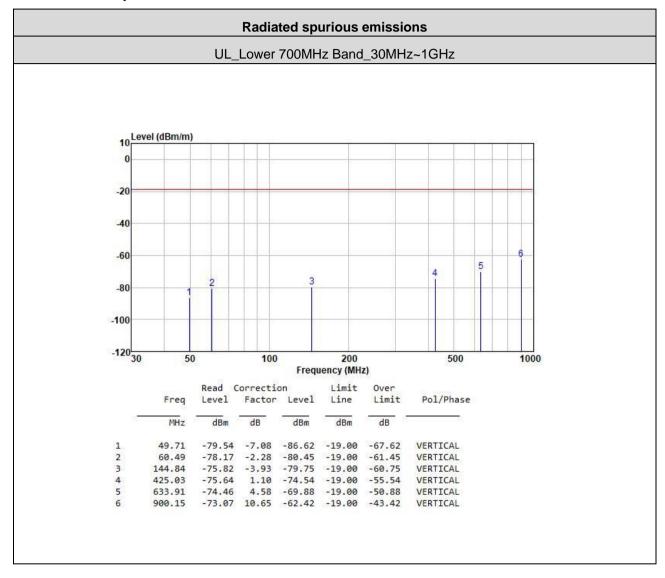
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Radiated spurious emissions 12





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Radiated spurious emissions UL Lower 700MHz Band 30MHz~1GHz Level (dBm/m) -20 40 -60 -80 -100 -120₃₀ 50 100 200 500 1000 Frequency (MHz) Limit Read Correction Over Limit Pol/Phase Frea Level Factor Level Line dBm dB dBm MHz dBm dB 34.76 -79.43 2.89 -76.54 -19.00 -57.54 HORIZONTAL 2 58.82 -78.24 -2.43 -80.67 -19.00 -61.67 HORIZONTAL 178.76 -75.78 -6.03 -81.81 -19.00 -62.81 HORIZONTAL 437.12 -75.24 0.22 -75.02 -19.00 -56.02 HORIZONTAL 647.39 -74.89 3.77 -71.12 -19.00 -52.12 HORIZONTAL 9.45 -63.20 -19.00 -44.20 900.15 -72.65 HORIZONTAL



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Radiated spurious emissions UL Lower 700MHz Band Above 1GHz Level (dBm/m) -20 40 3 -60 -80 -100 -120<mark>1000</mark> 18000 5000 1500 2000 10000 Frequency (MHz) Limit Read Correction Over Limit Pol/Phase Freq Level Factor Level Line dBm dBm MHz dB dBm dB 1109.66 -59.24 4.39 -54.85 -19.00 -35.85 VERTICAL 2 1456.08 -58.88 5.84 -53.04 -19.00 -34.04 VERTICAL 2679.46 -60.21 5.17 -55.04 -19.00 -36.04 VERTICAL 4560.56 -62.79 6.56 -56.23 -19.00 -37.23 VERTICAL 7347.47 -68.47 17.52 -50.95 -19.00 -31.95 VERTICAL 9585.68 -68.11 17.86 -50.25 -19.00 -31.25 VERTICAL



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Radiated spurious emissions UL Lower 700MHz Band Above 1GHz Level (dBm/m) -20 40 -60 -80 -100 -120 1000 5000 18000 1500 2000 10000 Frequency (MHz) Limit Read Correction Over Limit Pol/Phase Freq Level Factor Level Line dBm dBm MHz dB dBm dB 1278.49 -60.12 4.13 -55.99 -19.00 -36.99 HORIZONTAL 2 1672.78 -59.88 6.10 -53.78 -19.00 -34.78 HORIZONTAL 2710.62 -58.83 4.39 -54.44 -19.00 -35.44 HORIZONTAL 4534.27 -63.29 6.53 -56.76 -19.00 -37.76 HORIZONTAL 7347.47 -68.60 17.00 -51.60 -19.00 -32.60 HORIZONTAL 9530.43 -67.81 17.59 -50.22 -19.00 -31.22 HORIZONTAL



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Radiated spurious emissions UL Upper 700MHz Band 30MHz~1GHz 10 Level (dBm/m) -20 40 -60 -80 -100 -120₃₀ 50 100 200 500 1000 Frequency (MHz) Limit Read Correction Over Limit Pol/Phase Frea Level Factor Level Line dBm dB dBm MHz dBm dB 35.00 -78.46 -7.82 -86.28 -19.00 -67.28 VERTICAL 2 60.07 -78.58 -2.10 -80.68 -19.00 -61.68 VERTICAL 162.04 -76.98 -3.94 -80.92 -19.00 -61.92 VERTICAL 449.56 -76.07 1.48 -74.59 -19.00 -55.59 VERTICAL 633.91 -74.94 4.58 -70.36 -19.00 -51.36 VERTICAL 900.15 -73.11 10.65 -62.46 -19.00 -43.46 VERTICAL



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Radiated spurious emssions UL Upper 700MHz Band 30MHz~1GHz 10 Level (dBm/m) -20 40 -60 5 -80 -100 -120₃₀ 50 500 100 200 1000 Frequency (MHz) Limit Read Correction Over Limit Pol/Phase Frea Level Factor Level Line dBm dB dBm MHz dBm dB 35.00 -79.52 2.87 -76.65 -19.00 -57.65 HORIZONTAL 2 56.39 -79.00 -2.18 -81.18 -19.00 -62.18 HORIZONTAL 250.30 -75.85 -5.40 -81.25 -19.00 -62.25 HORIZONTAL 429.52 -76.07 0.20 -75.87 -19.00 -56.87 HORIZONTAL 638.37 3.66 -71.90 -19.00 -52.90 HORIZONTAL -75.56 900.15 -73.29 9.45 -63.84 -19.00 -44.84 HORIZONTAL



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Radiated spurious emissions UL Upper 700MHz Band Above 1GHz Level (dBm/m) -20 40 2 3 -60 -80 -100 -120 1000 5000 18000 1500 2000 10000 Frequency (MHz) Limit Read Correction Over Limit Pol/Phase Freq Level Factor Level Line dBm dBm MHz dB dBm dB 1103.26 -58.54 4.70 -53.84 -19.00 -34.84 VERTICAL 2 1498.78 -61.52 6.97 -54.55 -19.00 -35.55 VERTICAL 2679.46 -59.43 5.17 -54.26 -19.00 -35.26 VERTICAL 4560.56 -62.93 6.56 -56.37 -19.00 -37.37 VERTICAL 7347.47 -68.60 17.52 -51.08 -19.00 -32.08 VERTICAL 9530.43 -68.90 17.75 -51.15 -19.00 -32.15 VERTICAL



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Radiated spurious emissions UL Upper 700MHz Band Above 1GHz Level (dBm/m) -20 40 6 3 -60 -80 -100 -120 1000 18000 5000 1500 2000 10000 Frequency (MHz) Limit Read Correction Over Freq Limit Pol/Phase Level Factor Level Line dBm dBm MHz dB dBm dB 1267.45 -59.97 4.06 -55.91 -19.00 -36.91 HORIZONTAL 2 1856.22 -59.76 6.14 -53.62 -19.00 -34.62 HORIZONTAL 2664.02 -59.43 4.96 -54.47 -19.00 -35.47 HORIZONTAL 4560.56 -61.71 6.88 -54.83 -19.00 -35.83 HORIZONTAL 7347.47 -68.64 17.00 -51.64 -19.00 -32.64 HORIZONTAL 9697.15 -69.01 18.16 -50.85 -19.00 -31.85 HORIZONTAL



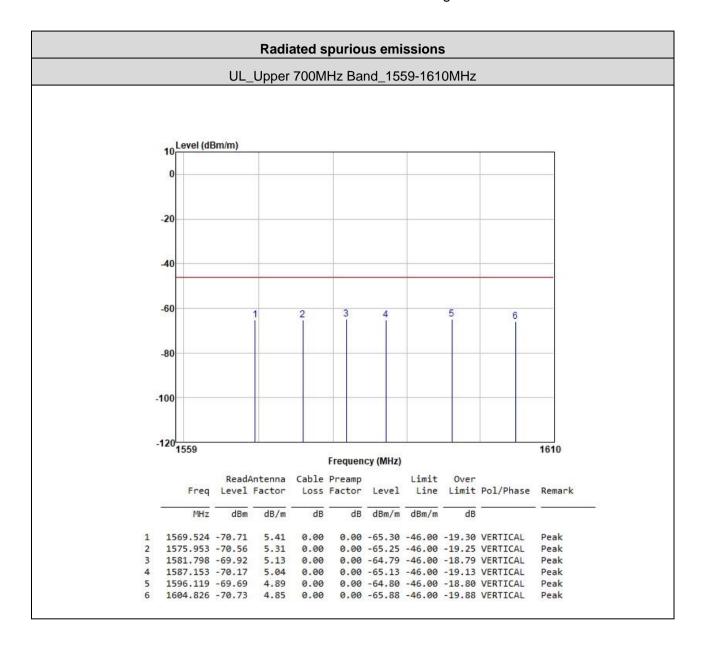
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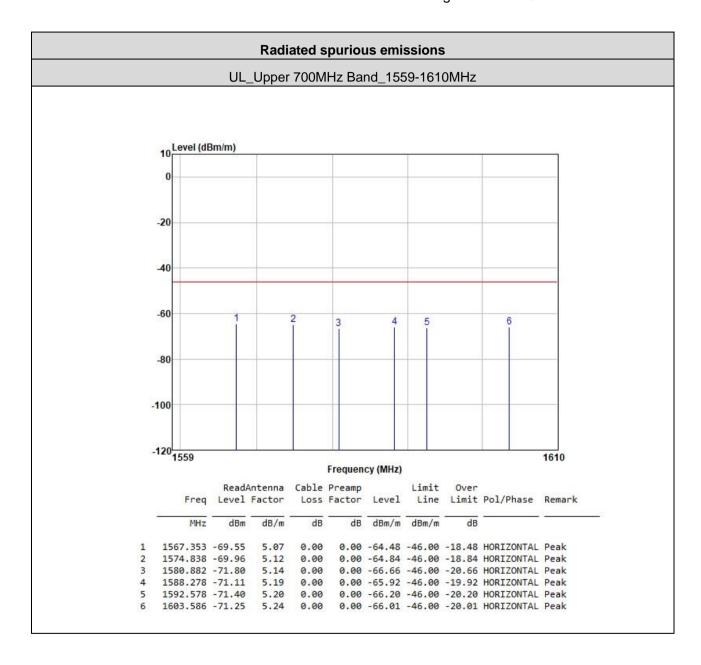
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Radiated spurious emissions UL Cellular Band 30MHz~1GHz 10 Level (dBm/m) -20 40 -60 5 -80 -100 -120₃₀ 100 200 500 1000 Frequency (MHz) Limit Read Correction Over Frea Limit Pol/Phase Level Factor Level Line dB dBm dBm MHz dBm dB 39.44 -79.31 -7.83 -87.14 -19.00 -68.14 VERTICAL 2 59.65 -78.88 -2.21 -81.09 -19.00 -62.09 VERTICAL 131.30 -76.11 -3.93 -80.04 -19.00 -61.04 VERTICAL 1.44 -75.03 446.41 -76.47 -19.00 -56.03 VERTICAL 642.86 -75.45 4.66 -70.79 -19.00 -51.79 VERTICAL 900.15 -73.37 10.65 -62.72 -19.00 -43.72 VERTICAL



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Radiated spurious emissions UL Cellular Band 30MHz~1GHz Level (dBm/m) -20 40 -60 -80 -100 -120₃₀ 50 500 100 200 1000 Frequency (MHz) Limit Read Correction Over Limit Pol/Phase Frea Level Factor Level Line dBm dB dBm MHz dBm dB 37.55 -78.26 2.33 -75.93 -19.00 -56.93 HORIZONTAL 2 58.00 -78.53 -2.36 -80.89 -19.00 -61.89 HORIZONTAL 250.30 -76.28 -5.40 -81.68 -19.00 -62.68 HORIZONTAL 414.72 -75.57 -0.41 -75.98 -19.00 -56.98 HORIZONTAL 620.71 3.35 -70.81 -19.00 -51.81 HORIZONTAL -74.16 -72.86 9.45 -63.41 -19.00 -44.41 900.15 HORIZONTAL



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Radiated spurious emissions UL Cellular Band Above 1GHz Level (dBm/m) -20 40 5 3 -60 -80 -100 -120 1000 5000 18000 1500 2000 10000 Frequency (MHz) Limit Read Correction Over Limit Pol/Phase Freq Level Factor Level Line dBm dBm MHz dB dBm dB 1103.26 -58.95 4.70 -54.25 -19.00 -35.25 VERTICAL 2 1551.68 -59.71 5.89 -53.82 -19.00 -34.82 VERTICAL 2695.00 -60.23 5.07 -55.16 -19.00 -36.16 VERTICAL 4508.14 -62.53 6.02 -56.51 -19.00 -37.51 VERTICAL 7411.46 -67.50 16.91 -50.59 -19.00 VERTICAL -31.59 9585.68 -68.36 17.86 -50.50 -19.00 -31.50 VERTICAL



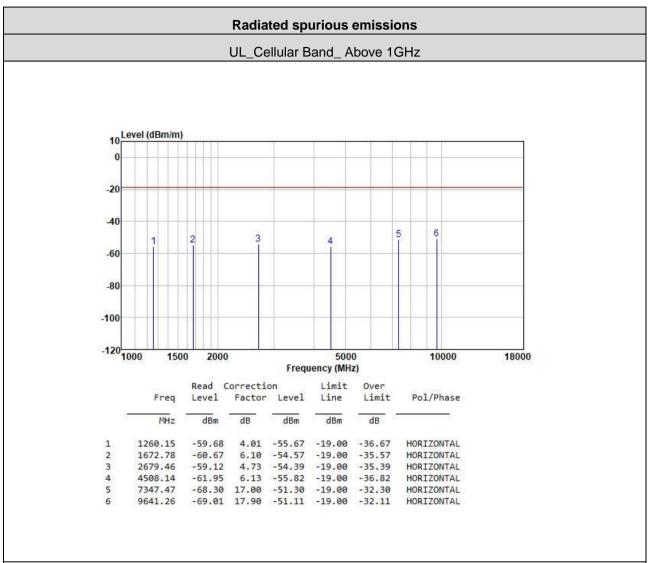
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Remark:

- 1. Pre-test was performed at uplink and downlink path, the test result always keeps more than 20dB margin, The spurious emissions 9kHz to 30MHz were very low and not displayed in this report. Therefore, only show the worst-case data in this report.
- 2. Refer to clause 5 of this Appendix for more details about spurious emissions limit.

-- End of Appendix--



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