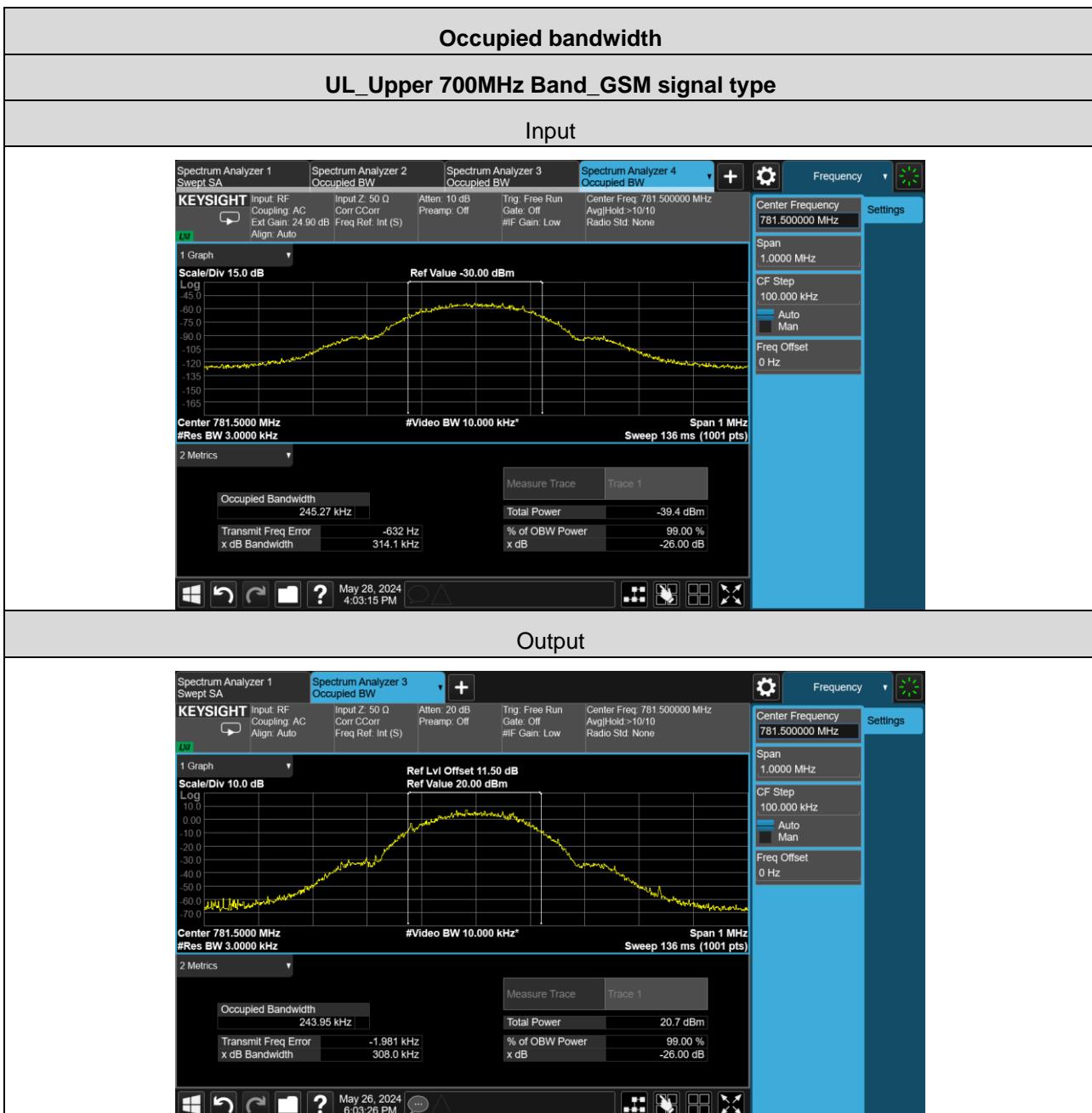


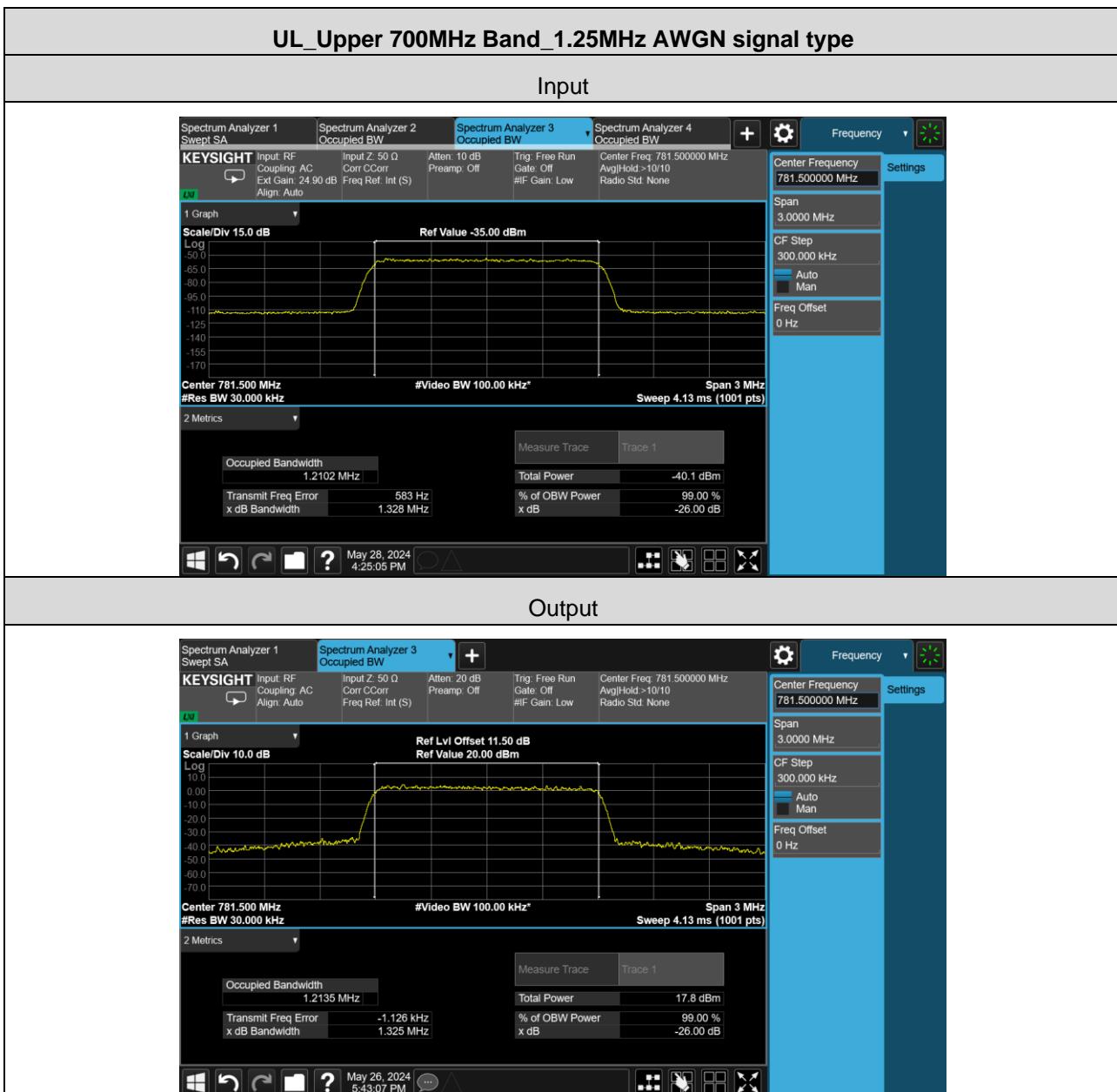
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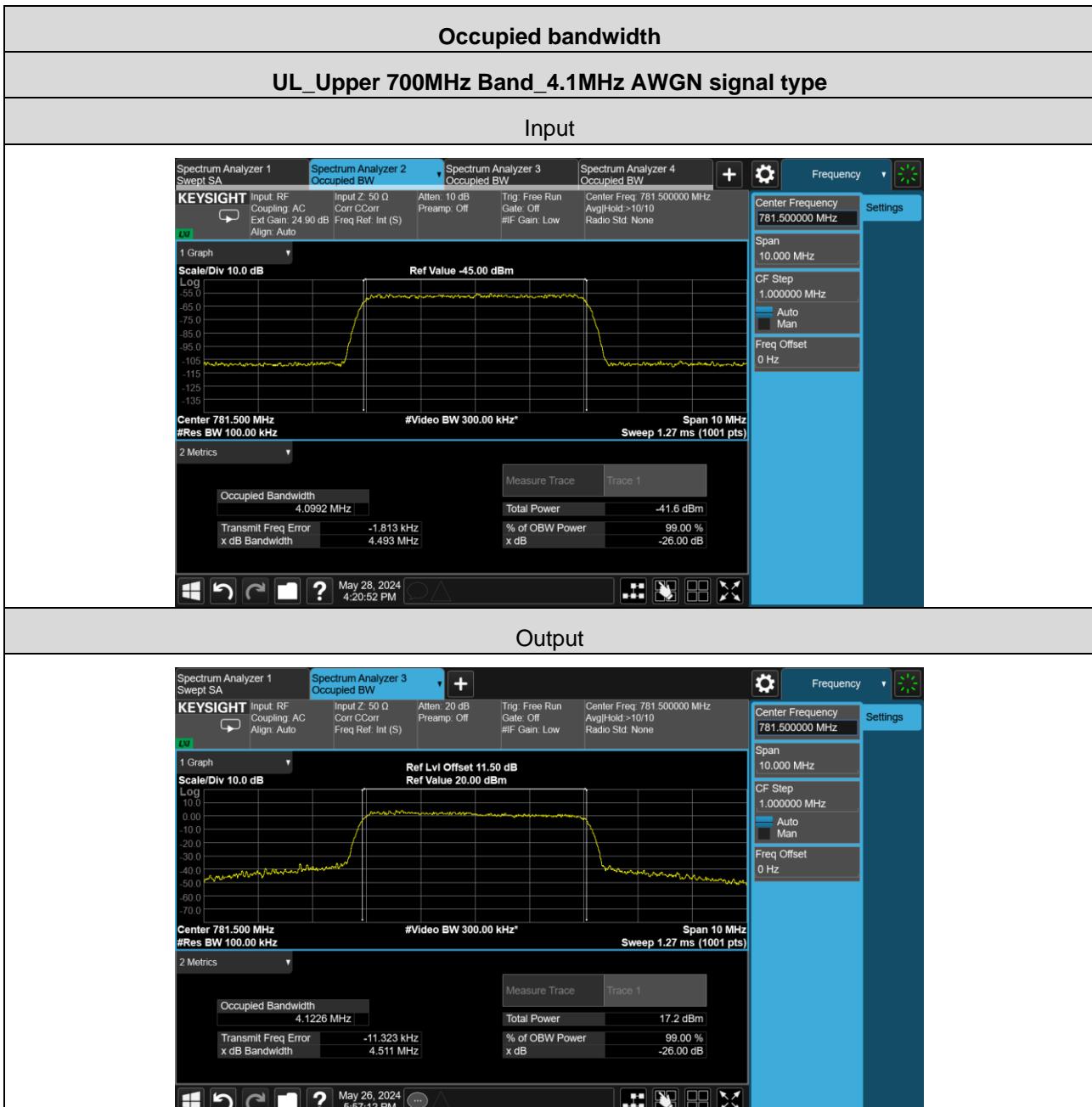
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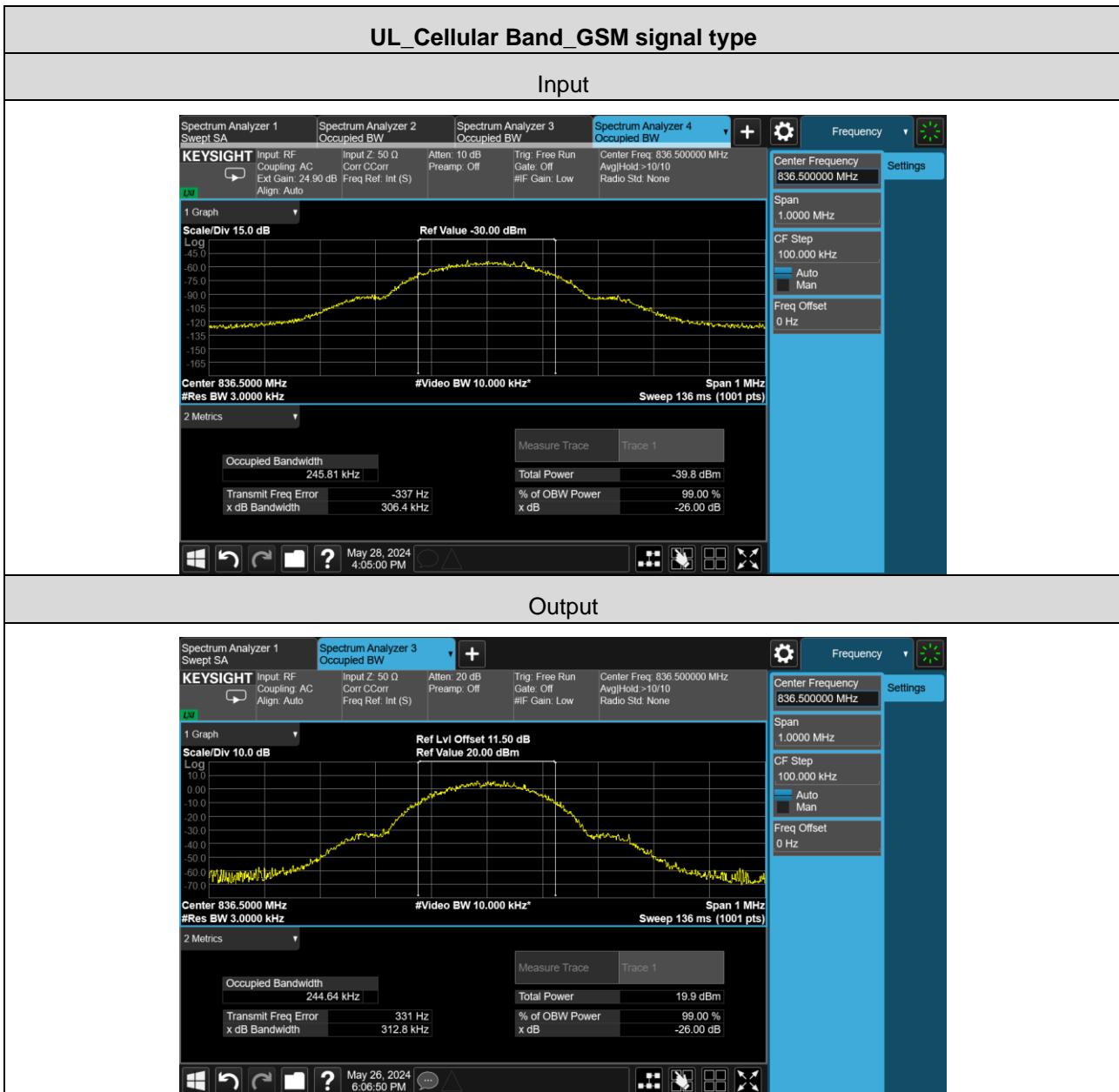
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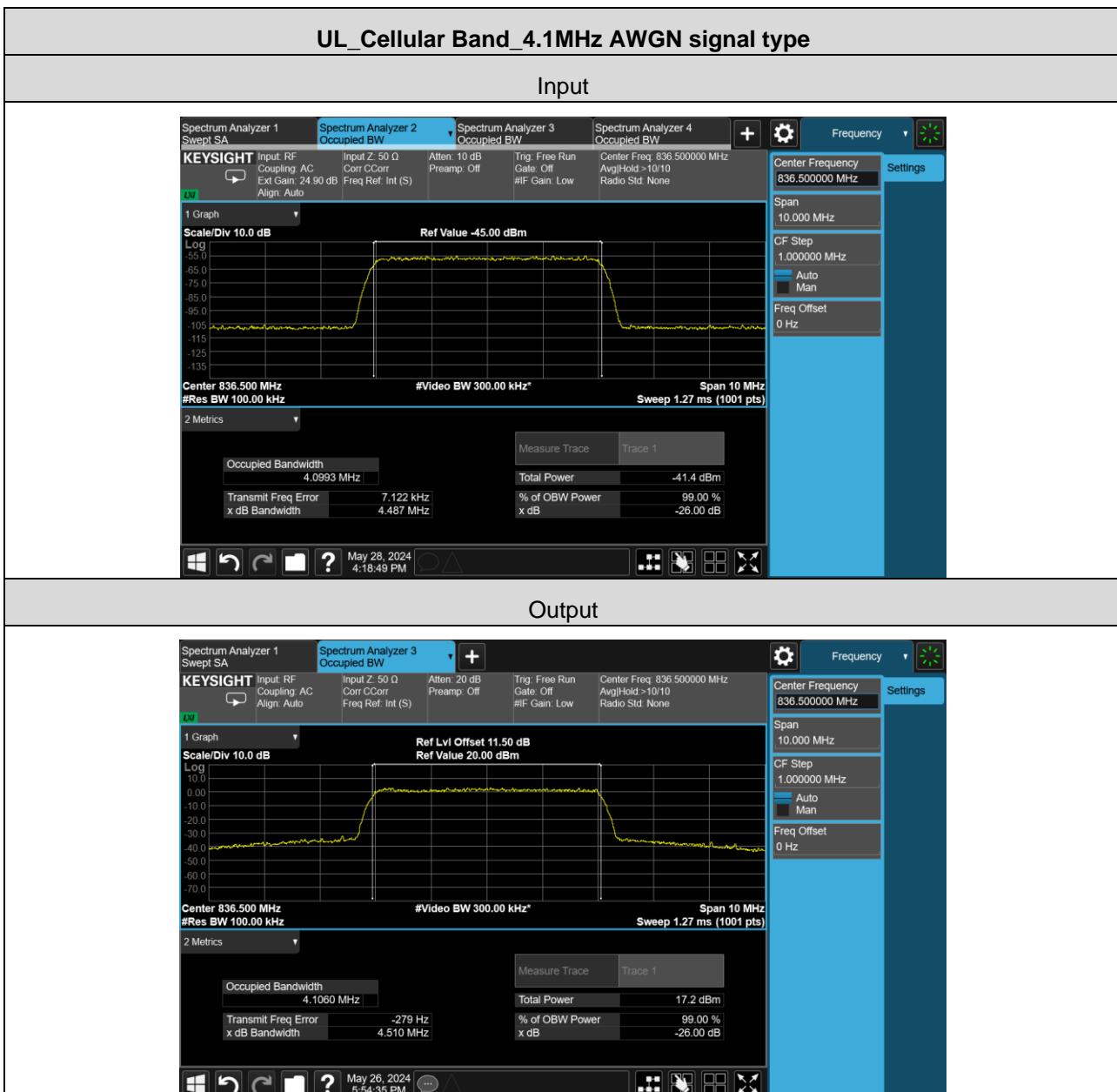
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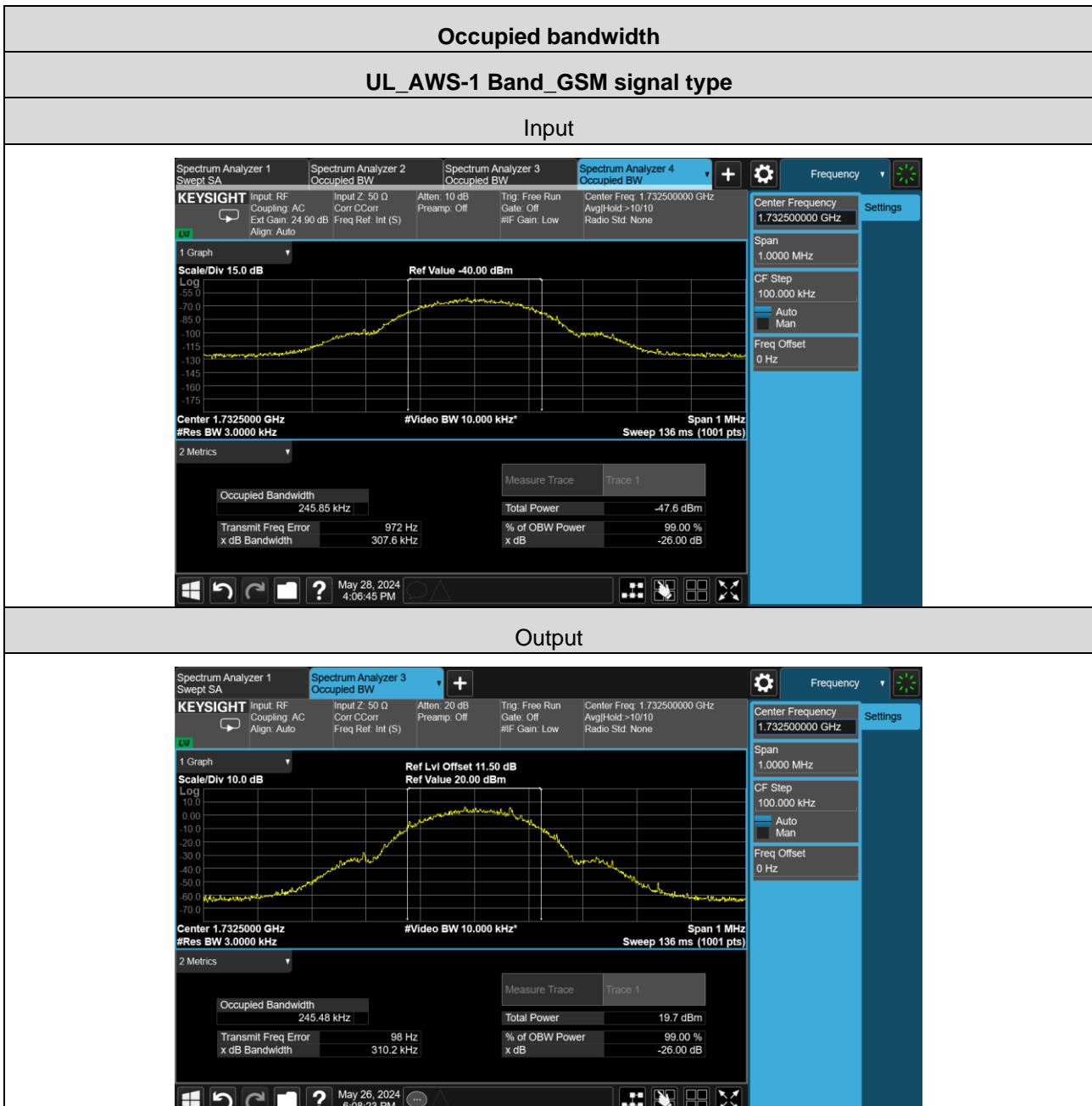
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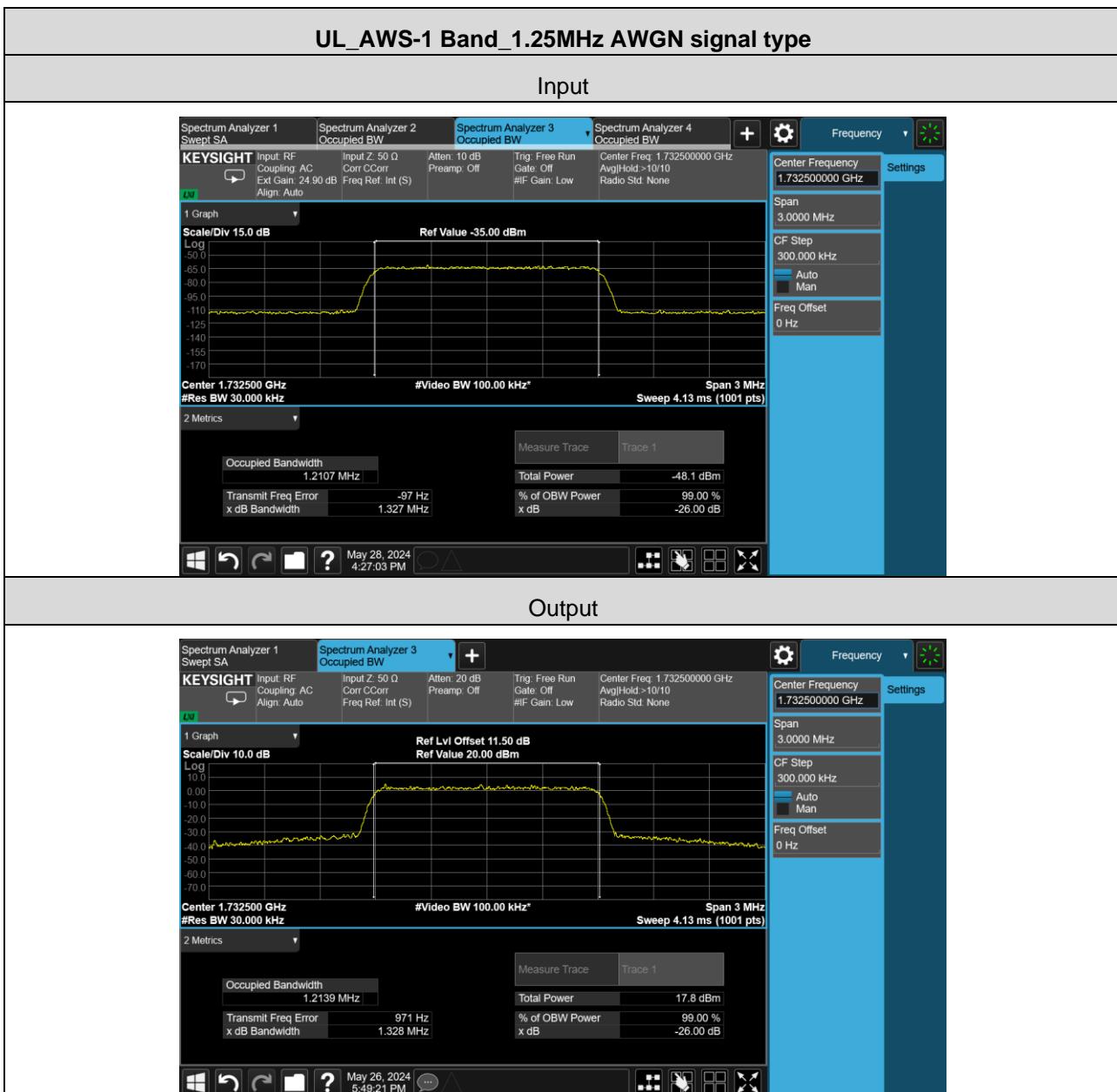




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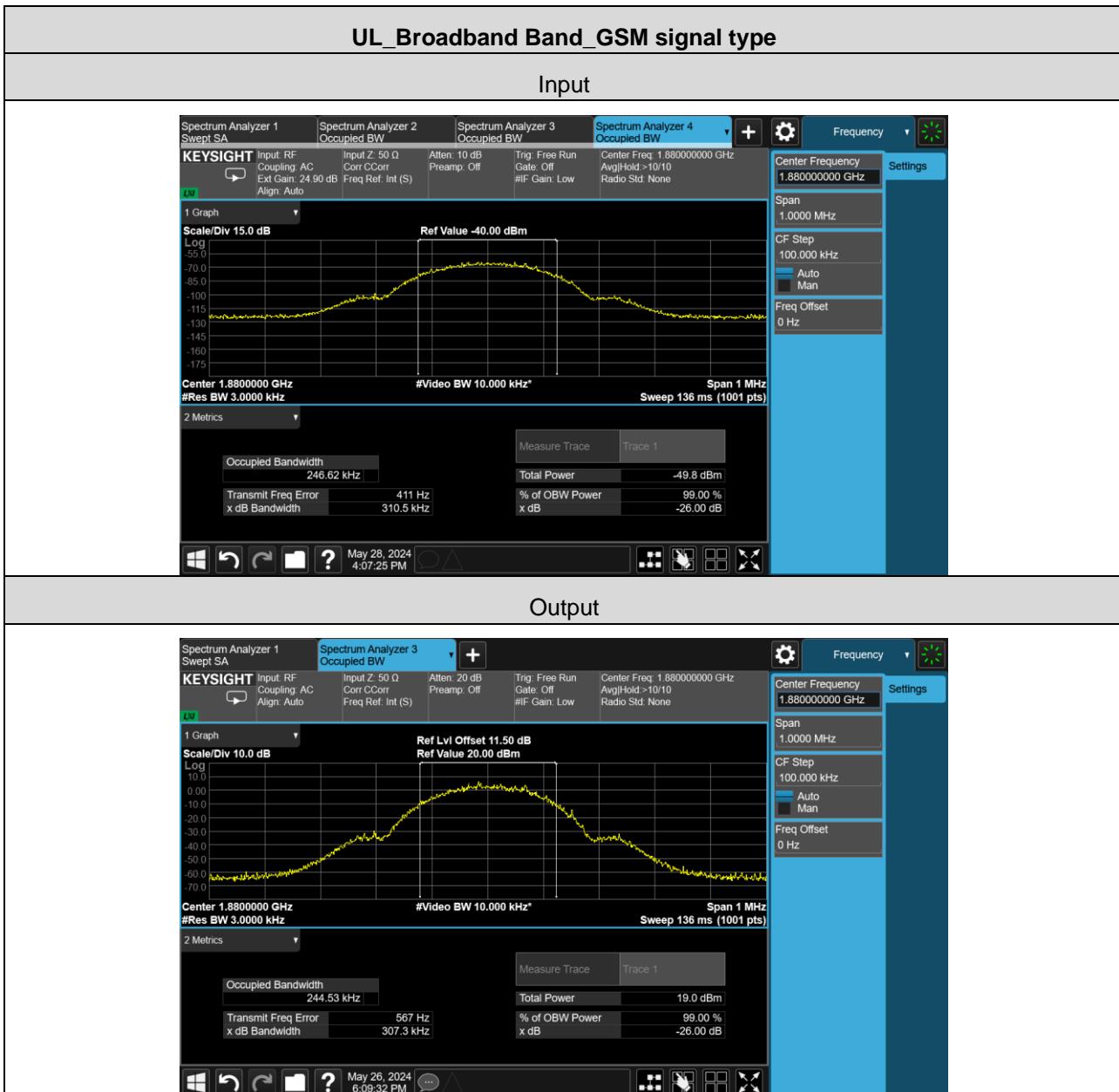




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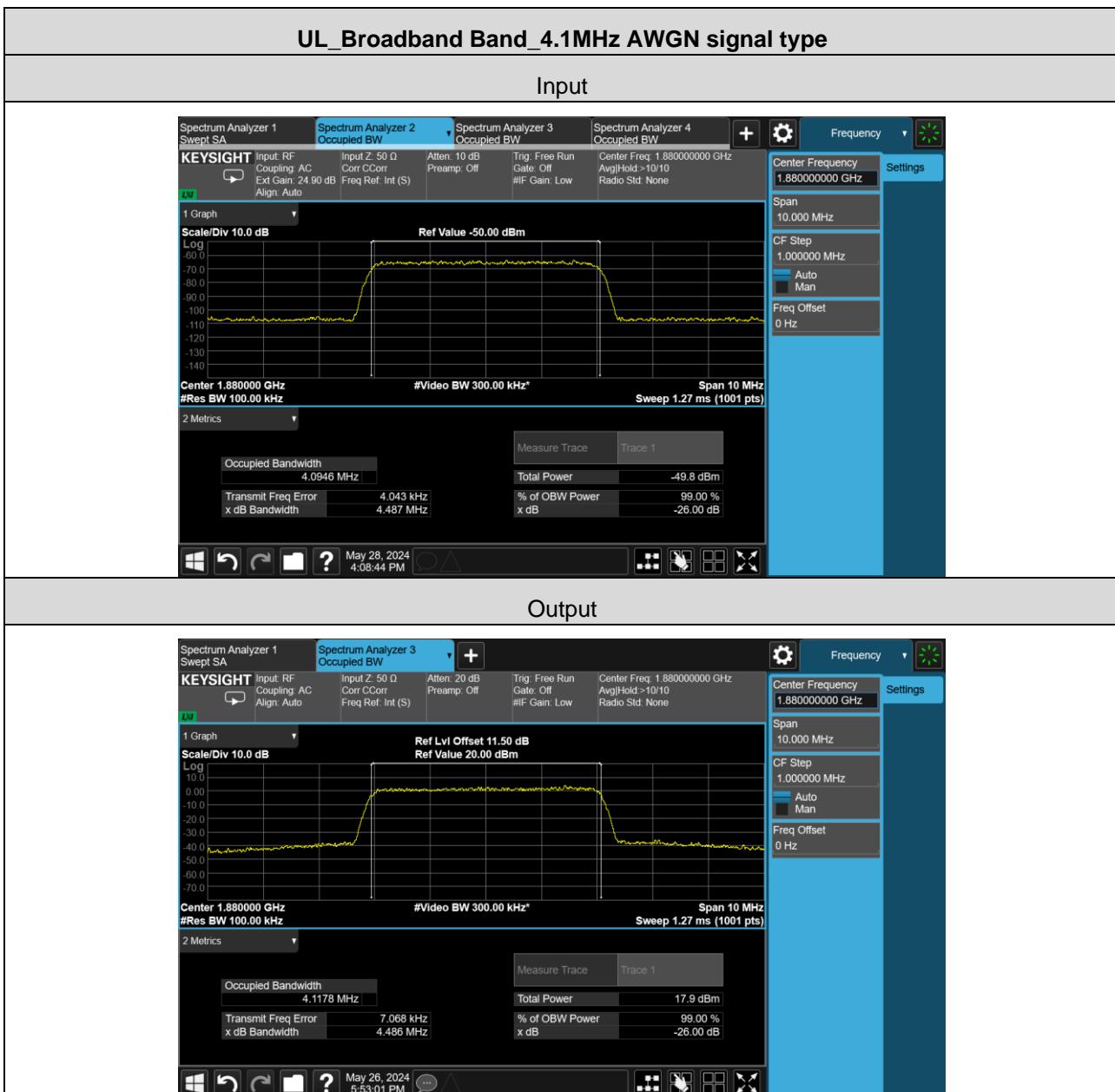
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11 Oscillation detection

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	0.18	≤ 1	16.3	66.3	≥ 60	2	≤ 5	PASS
	Cellular	0.21		13.7	65.9		2		PASS
	AWS-1	0.12		17.3	66.3		2		PASS
	Broadband PCS	0.23		17.1	65.5		2		PASS
UL	Lower 700MHz	0.20	≤ 0.3	18.3	65.8	≥ 60	2	≤ 5	PASS
	Upper 700MHz	0.22		5.2	66.1		2		PASS
	Cellular	0.11		22.4	66.4		2		PASS
	AWS-1	0.19		1.7	66.3		2		PASS
	Broadband PCS	0.17		19.3	65.4		2		PASS

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Oscillation Mitigation or Shutdown							
Path	Band	Isolation (dB)	Oscillation Level			Limit (dB)	Verdict
			Highest level (dBm)	Lowest level (dBm)	Difference (dB)		
DL	700MHz	66.9	(shutdown)			≤12	PASS
		65.9					PASS
		64.9					PASS
		63.9					PASS
		62.9					PASS
		61.9					PASS
		60.9					PASS
		59.9					PASS
		58.9					PASS
		57.9					PASS
UL	Cellular	56.9	(shutdown)			≤12	PASS
		67.4					PASS
		66.4					PASS
		65.4					PASS
		64.4					PASS
		63.4					PASS
		62.4					PASS
		61.4					PASS
		60.4					PASS
		59.4					PASS



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Oscillation Mitigation or Shutdown							
Path	Band	Isolation (dB)	Oscillation Level			Limit (dB)	Verdict
			Highest level (dBm)	Lowest level (dBm)	Difference (dB)		
DL	AWS-1	75.6	(shutdown)			≤12	PASS
		74.6					PASS
		73.6					PASS
		72.6					PASS
		71.6					PASS
		70.6					PASS
		69.6					PASS
		68.6					PASS
		67.6					PASS
		66.6					PASS
DL	Broadband PCS	65.6	(shutdown)			≤12	PASS
		76.1					PASS
		75.1					PASS
		74.1					PASS
		73.1					PASS
		72.1					PASS
		71.1					PASS
		70.1					PASS
		69.1					PASS
		68.1					PASS
		67.1					PASS
		66.1					PASS

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Oscillation Mitigation or Shutdown							
Path	Band	Isolation (dB)	Oscillation Level			Limit (dB)	Verdict
			Highest level (dBm)	Lowest level (dBm)	Difference (dB)		
UL	Lower 700MHz	64.4	(shutdown)			≤12	PASS
		63.4					PASS
		62.4					PASS
		61.4					PASS
		60.4					PASS
		59.4					PASS
		58.4					PASS
		57.4					PASS
		56.4					PASS
		55.4					PASS
UL	Upper 700MHz	54.4	(shutdown)			≤12	PASS
		65.1					PASS
		64.1					PASS
		63.1					PASS
		62.1					PASS
		61.1					PASS
		60.1					PASS
		59.1					PASS
		58.1					PASS
		57.1					PASS
DL	Lower 700MHz	56.1	(shutdown)			≤12	PASS
		55.1					PASS

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Oscillation Mitigation or Shutdown							
Path	Band	Isolation (dB)	Oscillation Level			Limit (dB)	Verdict
			Highest level (dBm)	Lowest level (dBm)	Difference (dB)		
UL	Cellular	64.7	(shutdown)			≤12	PASS
		63.7					PASS
		62.7					PASS
		61.7					PASS
		60.7					PASS
		59.7					PASS
		58.7					PASS
		57.7					PASS
		56.7					PASS
		55.7					PASS
UL	AWS-1	54.7	(shutdown)			≤12	PASS
		72.0					PASS
		71.0					PASS
		70.0					PASS
		69.0					PASS
		68.0					PASS
		67.0					PASS
		66.0					PASS
		65.0					PASS
		64.0					PASS
UL	AWS-1	63.0	(shutdown)			≤12	PASS
		62.0					PASS

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Oscillation Mitigation or Shutdown							
Path	Band	Isolation (dB)	Oscillation Level			Limit (dB)	Verdict
			Highest level (dBm)	Lowest level (dBm)	Difference (dB)		
UL	Broadband PCS	73.8	(shutdown)			≤12	PASS
		72.8					PASS
		71.8					PASS
		70.8					PASS
		69.8					PASS
		68.8					PASS
		67.8					PASS
		66.8					PASS
		65.8					PASS
		64.8					PASS
		63.8					PASS

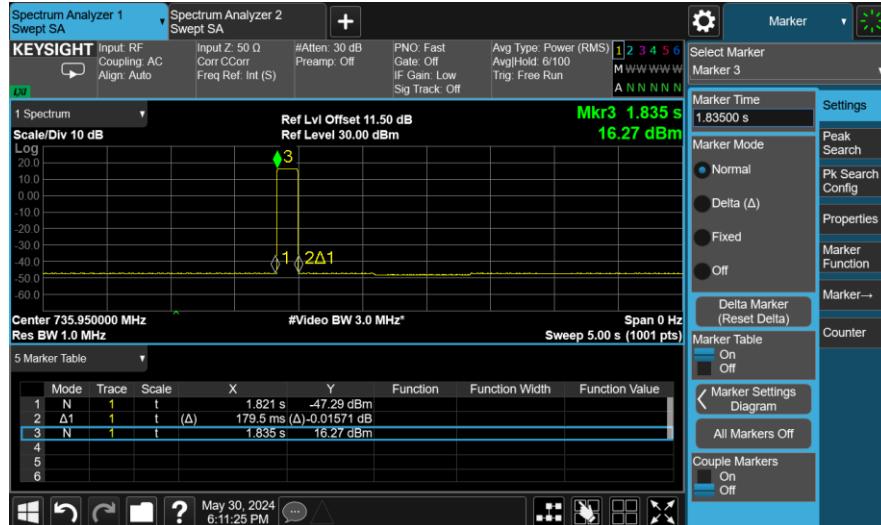
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Oscillation Restart Test_ Detection time**DL_700MHz Band****DL_Cellular Band**

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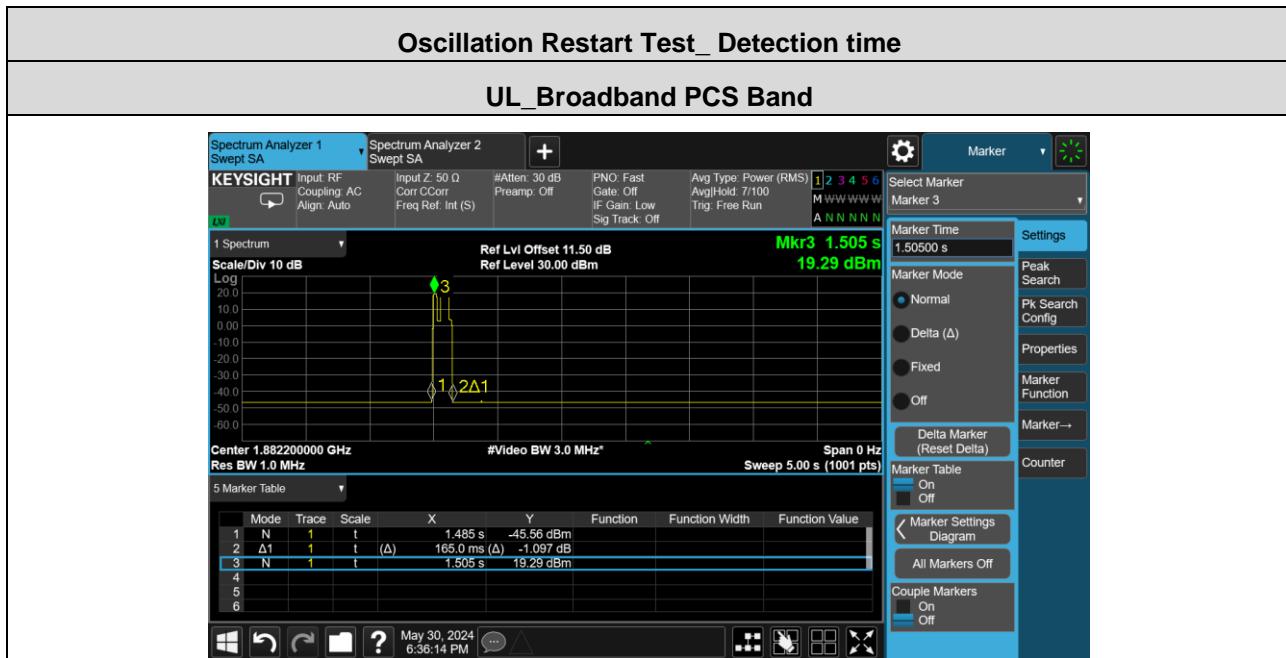




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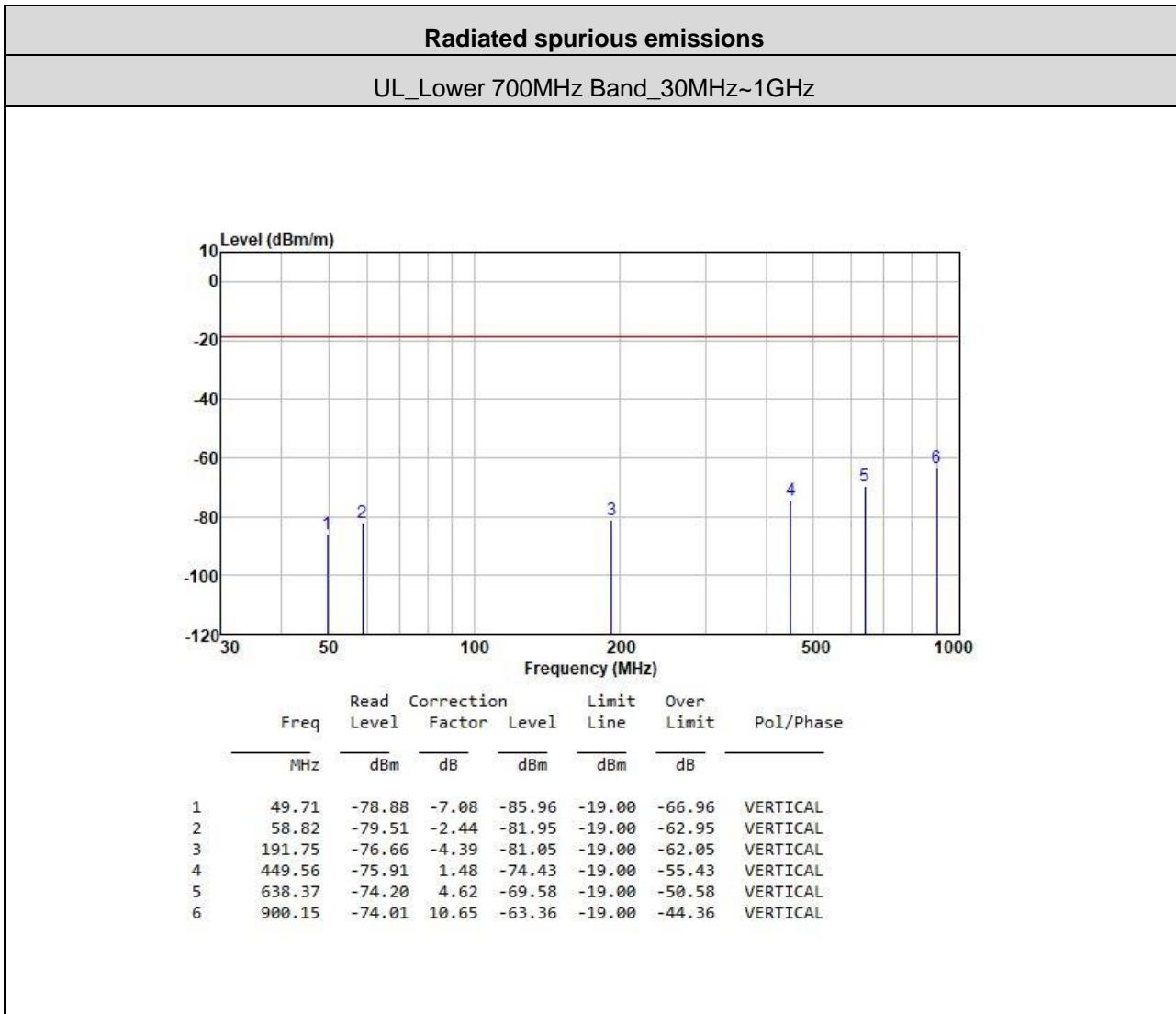
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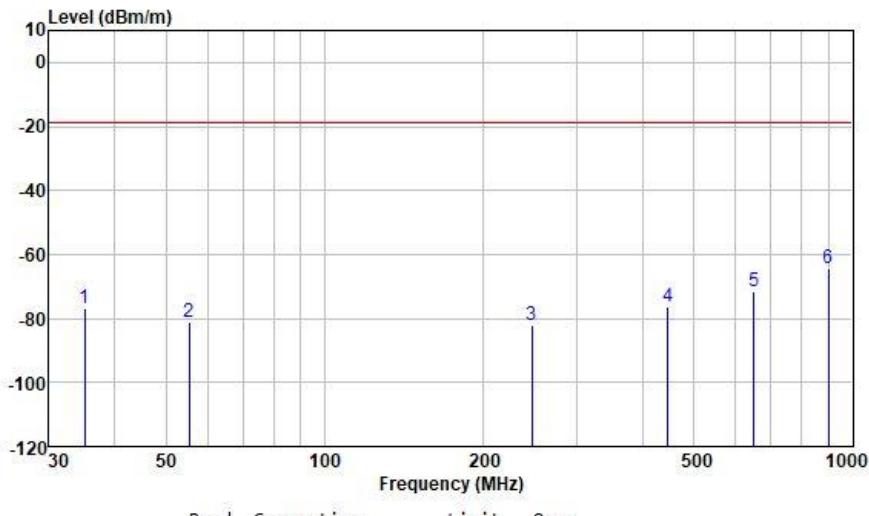
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12 Radiated spurious emissions

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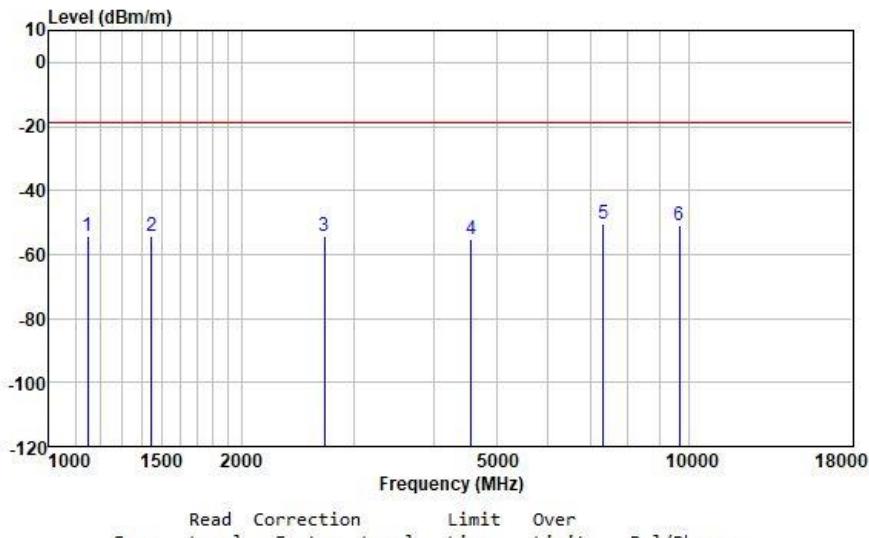
Radiated spurious emissionsUL_Lower 700MHz Band_30MHz~1GHz

Freq	Read	Correction	Limit	Over	Pol/Phase	
	Level	Factor	Level	Line		
	MHz	dBm	dB	dBm	dB	_____
1	35.00	-79.86	2.87	-76.99	-19.00	-57.99 HORIZONTAL
2	55.22	-79.11	-1.98	-81.09	-19.00	-62.09 HORIZONTAL
3	246.81	-76.32	-5.70	-82.02	-19.00	-63.02 HORIZONTAL
4	446.41	-76.40	0.24	-76.16	-19.00	-57.16 HORIZONTAL
5	649.66	-75.42	3.79	-71.63	-19.00	-52.63 HORIZONTAL
6	900.15	-73.90	9.45	-64.45	-19.00	-45.45 HORIZONTAL



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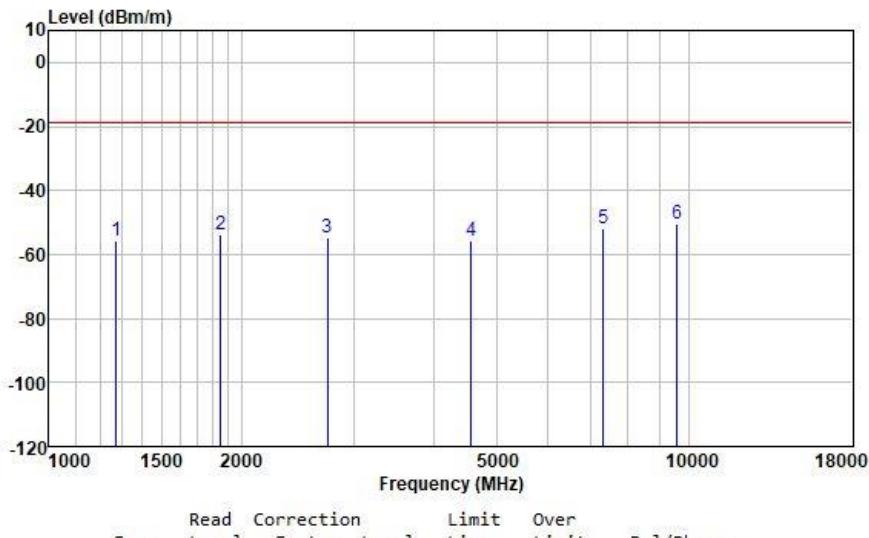
Radiated spurious emissionsUL_Lower 700MHz Band_Above 1GHz

Freq	Read	Correction	Limit	Over	Pol/Phase	
	Level	Factor	Level	Line		
	MHz	dBm	dB	dBm	dB	_____
1	1148.82	-58.31	3.83	-54.48	-19.00	-35.48 VERTICAL
2	1447.69	-59.58	5.51	-54.07	-19.00	-35.07 VERTICAL
3	2695.00	-59.35	5.07	-54.28	-19.00	-35.28 VERTICAL
4	4560.56	-62.03	6.56	-55.47	-19.00	-36.47 VERTICAL
5	7347.47	-68.16	17.52	-50.64	-19.00	-31.64 VERTICAL
6	9641.26	-68.93	18.03	-50.90	-19.00	-31.90 VERTICAL



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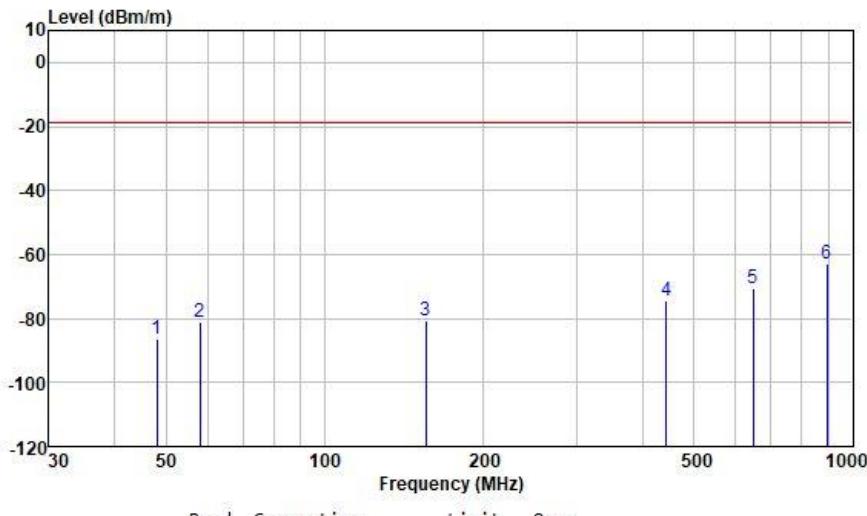
Radiated spurious emissionsUL_Lower 700MHz Band_Above 1GHz

Freq	Read	Correction	Limit	Over	Pol/Phase		
	Level	Factor	Level	Line			
	MHz	dBm	dB	dBm	dB	_____	
1	1274.80	-59.69	4.11	-55.58	-19.00	-36.58	HORIZONTAL
2	1856.22	-59.84	6.14	-53.70	-19.00	-34.70	HORIZONTAL
3	2726.34	-59.24	4.28	-54.96	-19.00	-35.96	HORIZONTAL
4	4568.56	-62.36	6.88	-55.48	-19.00	-36.48	HORIZONTAL
5	7347.47	-68.71	17.00	-51.71	-19.00	-32.71	HORIZONTAL
6	9585.68	-68.10	17.72	-50.38	-19.00	-31.38	HORIZONTAL



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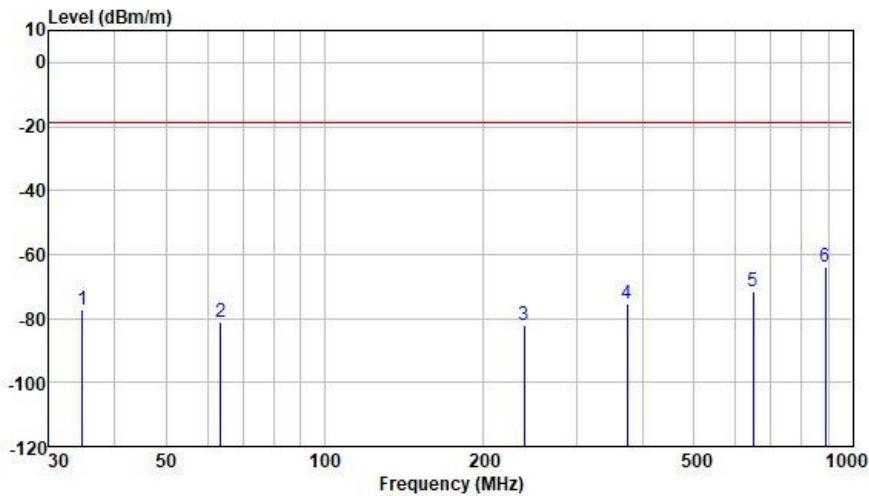
Radiated spurious emissions**UL_Upper 700MHz Band_30MHz~1GHz**

Freq	Read	Correction	Limit	Over	Pol/Phase		
	Level	Factor	Level	Line			
	MHz	dBm	dB	dBm	dB		
1	47.99	-77.31	-8.96	-86.27	-19.00	-67.27	VERTICAL
2	58.00	-78.53	-2.70	-81.23	-19.00	-62.23	VERTICAL
3	155.36	-76.49	-3.94	-80.43	-19.00	-61.43	VERTICAL
4	443.29	-76.06	1.41	-74.65	-19.00	-55.65	VERTICAL
5	647.39	-75.16	4.70	-70.46	-19.00	-51.46	VERTICAL
6	893.86	-73.06	10.26	-62.80	-19.00	-43.80	VERTICAL



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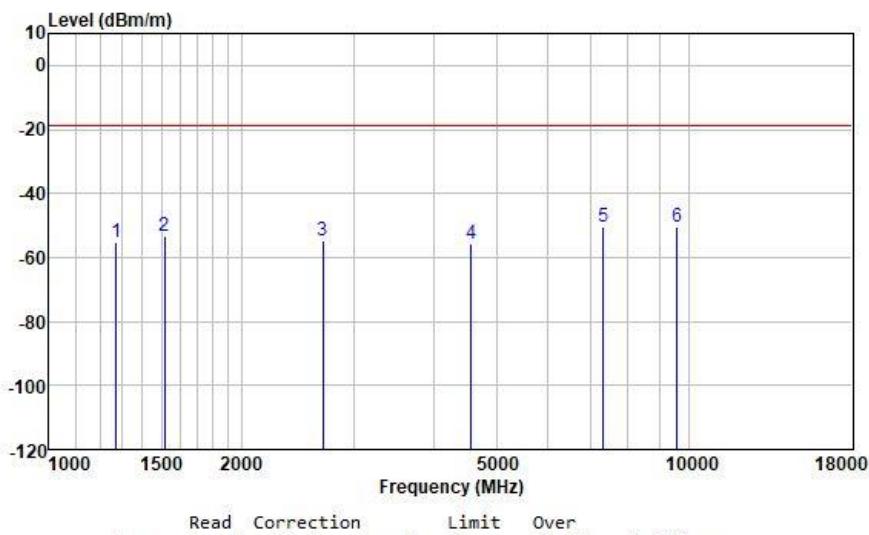
Radiated spurious emssions**UL_Upper 700MHz Band_30MHz~1GHz**

Freq	Read	Correction	Limit	Over	Pol/Phase		
	Level	Factor	Level	Line			
	MHz	dBm	dB	dBm	dB		
1	34.76	-80.29	2.89	-77.40	-19.00	-58.40	HORIZONTAL
2	63.54	-77.30	-3.69	-80.99	-19.00	-61.99	HORIZONTAL
3	238.31	-75.81	-6.23	-82.04	-19.00	-63.04	HORIZONTAL
4	373.31	-74.19	-1.22	-75.41	-19.00	-56.41	HORIZONTAL
5	647.39	-75.12	3.77	-71.35	-19.00	-52.35	HORIZONTAL
6	887.61	-72.69	8.80	-63.89	-19.00	-44.89	HORIZONTAL



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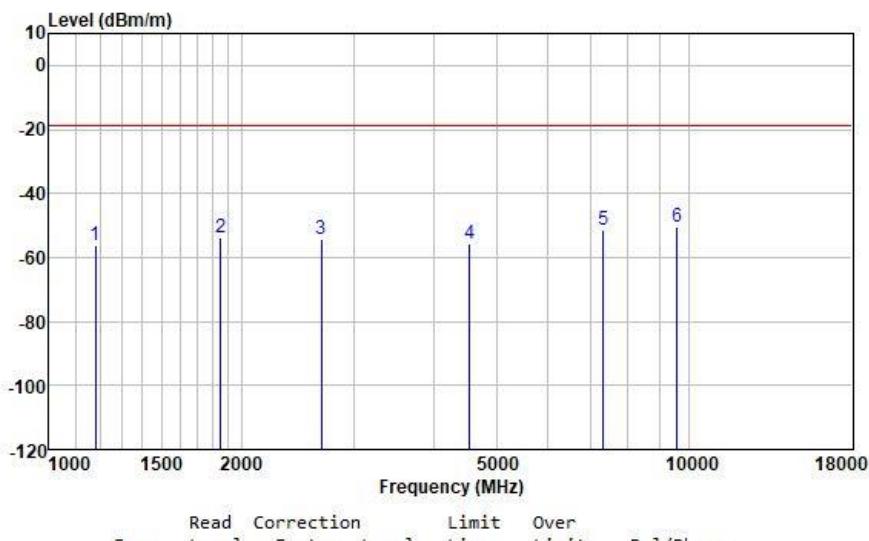
Radiated spurious emissions**UL_Upper 700MHz Band_Above 1GHz**

Freq	Read	Correction	Limit	Over	Pol/Phase		
	Level	Factor	Level	Line			
	MHz	dBm	dB	dBm	dB		
1	1274.80	-59.65	4.40	-55.25	-19.00	-36.25	VERTICAL
2	1516.21	-60.11	6.70	-53.41	-19.00	-34.41	VERTICAL
3	2679.46	-59.71	5.17	-54.54	-19.00	-35.54	VERTICAL
4	4568.56	-62.37	6.56	-55.81	-19.00	-36.81	VERTICAL
5	7347.47	-68.16	17.52	-50.64	-19.00	-31.64	VERTICAL
6	9585.68	-68.33	17.86	-50.47	-19.00	-31.47	VERTICAL



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Radiated spurious emissions**UL_Upper 700MHz Band_Above 1GHz**

Freq	Read	Correction	Limit	Over	Pol/Phase		
	Level	Factor	Level	Line			
	MHz	dBm	dB	dBm	dB		
1	1182.51	-59.15	2.97	-56.18	-19.00	-37.18	HORIZONTAL
2	1856.22	-59.81	6.14	-53.67	-19.00	-34.67	HORIZONTAL
3	2664.02	-59.39	4.96	-54.43	-19.00	-35.43	HORIZONTAL
4	4534.27	-62.18	6.53	-55.65	-19.00	-36.65	HORIZONTAL
5	7347.47	-68.22	17.00	-51.22	-19.00	-32.22	HORIZONTAL
6	9585.68	-68.34	17.72	-50.62	-19.00	-31.62	HORIZONTAL

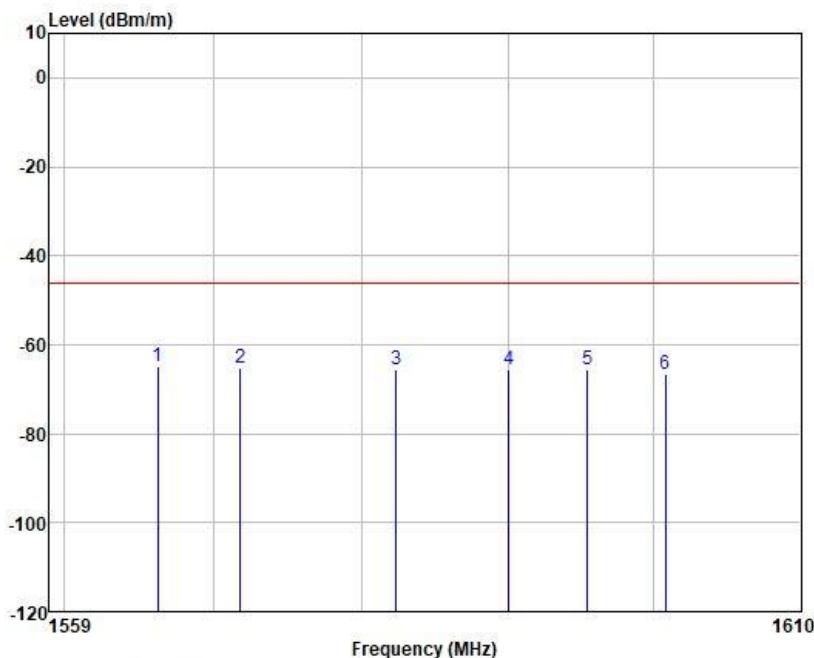


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Radiated spurious emissions

UL_Upper 700MHz Band_1559-1610MHz



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Over	Remark
	Freq	Level	Antenna	Loss					
	MHz	dBm	dB/m		dB	dBm/m	dBm/m	dB	
1	1566.294	-70.44	5.51	0.00	0.00	-64.93	-46.00	-18.93	VERTICAL Peak
2	1571.849	-70.80	5.41	0.00	0.00	-65.39	-46.00	-19.39	VERTICAL Peak
3	1582.358	-70.79	5.13	0.00	0.00	-65.66	-46.00	-19.66	VERTICAL Peak
4	1590.068	-70.48	5.04	0.00	0.00	-65.44	-46.00	-19.44	VERTICAL Peak
5	1595.451	-70.63	4.89	0.00	0.00	-65.74	-46.00	-19.74	VERTICAL Peak
6	1600.750	-71.46	4.82	0.00	0.00	-66.64	-46.00	-20.64	VERTICAL Peak

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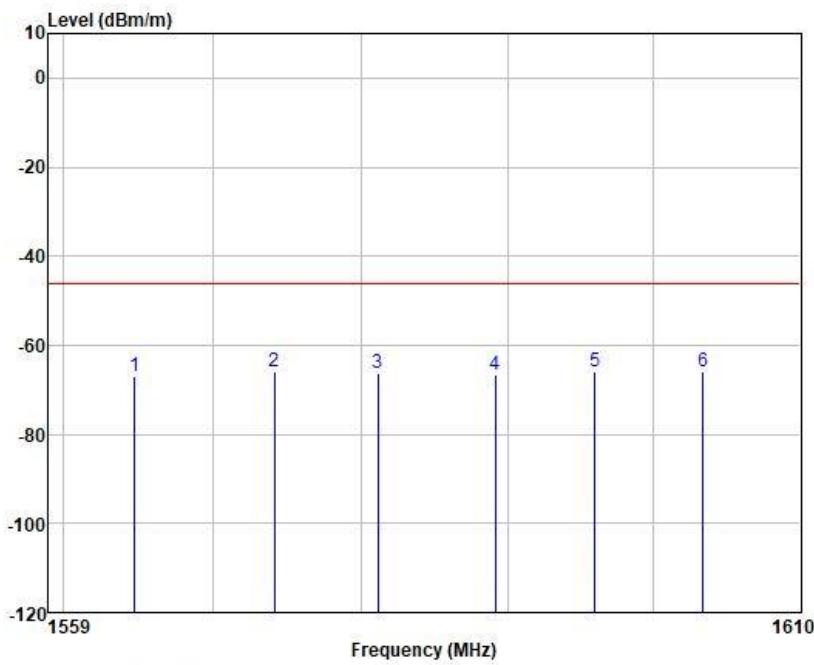


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Radiated spurious emissions

UL_Upper 700MHz Band_1559-1610MHz



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Over	Remark
	Freq	Level	Antenna	Loss					
MHz	dBm	dB/m	dB	dB	dBm/m	dBm/m	dB	dB	
1	1564.782	-71.88	5.07	0.00	0.00	-66.81	-46.00	-20.81	HORIZONTAL Peak
2	1574.179	-70.93	5.12	0.00	0.00	-65.81	-46.00	-19.81	HORIZONTAL Peak
3	1581.187	-71.50	5.17	0.00	0.00	-66.33	-46.00	-20.33	HORIZONTAL Peak
4	1589.147	-71.85	5.19	0.00	0.00	-66.66	-46.00	-20.66	HORIZONTAL Peak
5	1595.965	-71.04	5.22	0.00	0.00	-65.82	-46.00	-19.82	HORIZONTAL Peak
6	1603.380	-71.28	5.24	0.00	0.00	-66.04	-46.00	-20.04	HORIZONTAL Peak

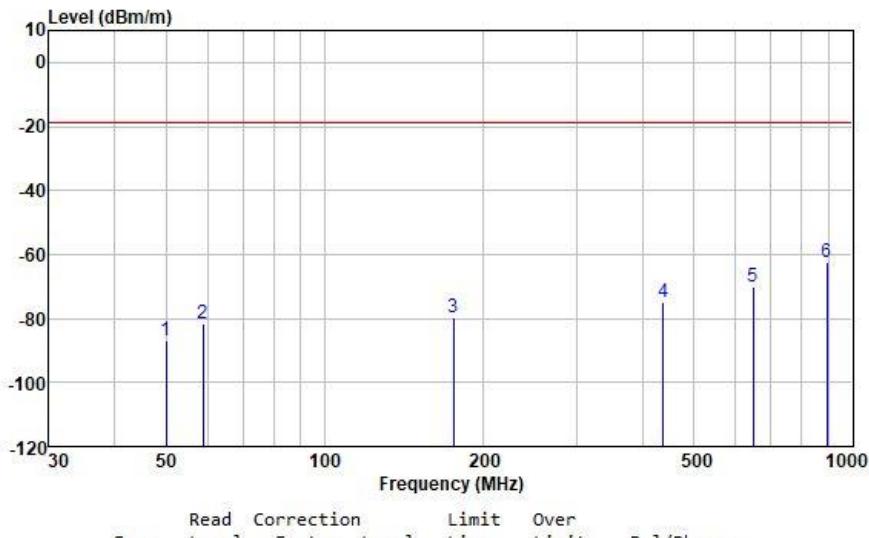


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Radiated spurious emissions

UL_Cellular Band_30MHz~1GHz



Freq	Read	Correction	Limit	Over	Pol/Phase		
	MHz	Level	Factor	Level	Line	Limit	
	MHz	dBm	dB	dBm	dB	—	
1	50.06	-80.25	-6.81	-87.06	-19.00	-68.06	VERTICAL
2	58.82	-78.96	-2.44	-81.40	-19.00	-62.40	VERTICAL
3	175.04	-75.95	-3.94	-79.89	-19.00	-60.89	VERTICAL
4	437.12	-76.35	1.34	-75.01	-19.00	-56.01	VERTICAL
5	647.39	-74.62	4.70	-69.92	-19.00	-50.92	VERTICAL
6	893.86	-72.76	10.26	-62.50	-19.00	-43.50	VERTICAL

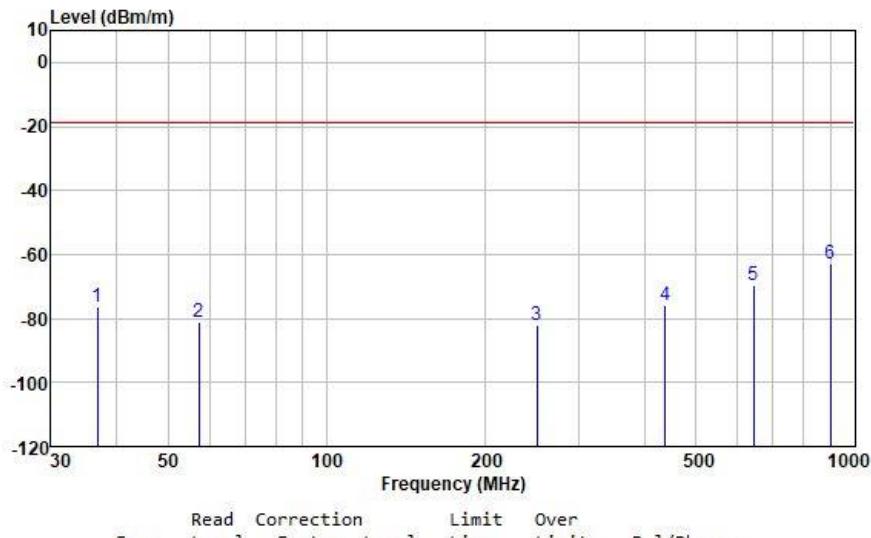


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Radiated spurious emissions

UL_Cellular Band_30MHz~1GHz

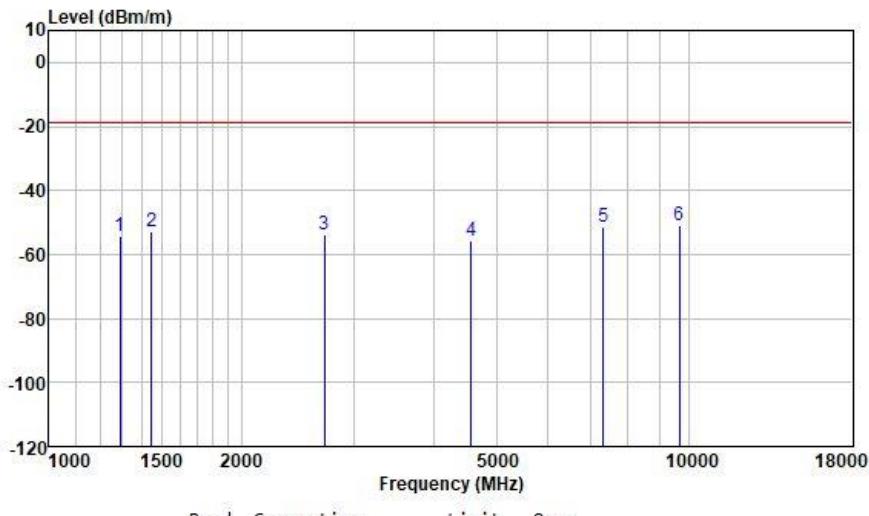


Freq	Read	Correction	Limit	Over	Over	Pol/Phase	
	Level	Factor					
	MHz	dBm	dB	dBm	dB		
1	36.77	-78.89	2.56	-76.33	-19.00	-57.33	HORIZONTAL
2	57.19	-78.92	-2.28	-81.20	-19.00	-62.20	HORIZONTAL
3	250.30	-76.48	-5.40	-81.88	-19.00	-62.88	HORIZONTAL
4	437.12	-76.02	0.22	-75.80	-19.00	-56.80	HORIZONTAL
5	642.86	-73.27	3.72	-69.55	-19.00	-50.55	HORIZONTAL
6	900.15	-72.32	9.45	-62.87	-19.00	-43.87	HORIZONTAL



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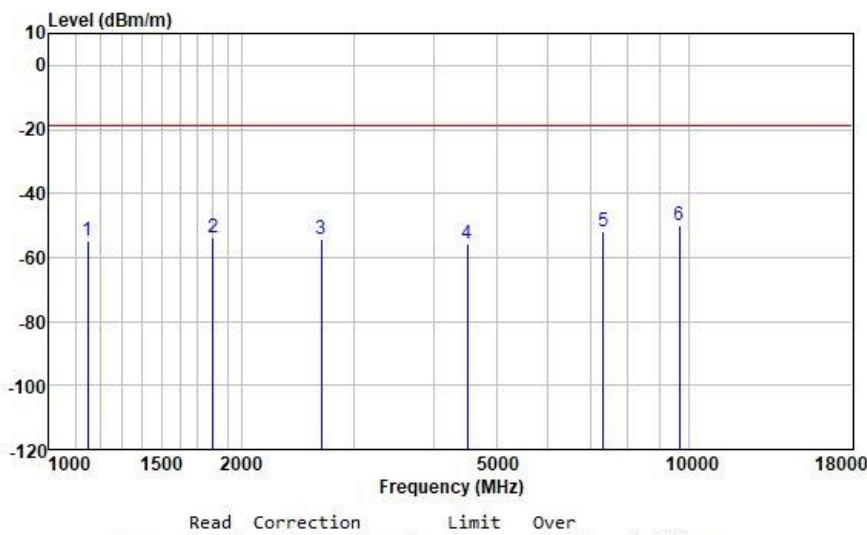
Radiated spurious emissions**UL_Cellular Band_ Above 1GHz**

Freq	Read	Correction	Limit	Over	Pol/Phase	
	Level	Factor	Level	Line		
	MHz	dBm	dB	dBm	dB	_____
1	1289.63	-58.68	4.36	-54.32	-19.00	-35.32 VERTICAL
2	1447.69	-58.52	5.51	-53.01	-19.00	-34.01 VERTICAL
3	2695.00	-58.84	5.07	-53.77	-19.00	-34.77 VERTICAL
4	4560.56	-62.37	6.56	-55.81	-19.00	-36.81 VERTICAL
5	7347.47	-68.70	17.52	-51.18	-19.00	-32.18 VERTICAL
6	9641.26	-68.86	18.03	-50.83	-19.00	-31.83 VERTICAL



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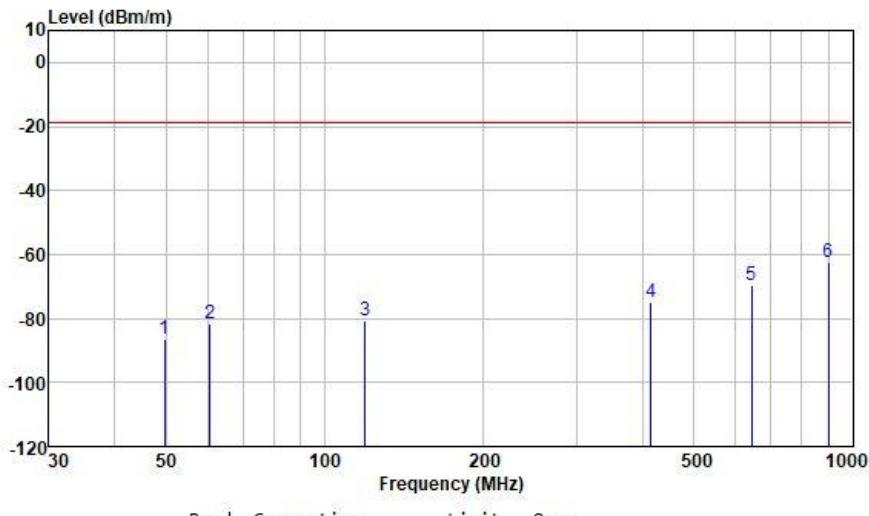
Radiated spurious emissions**UL_Cellular Band_ Above 1GHz**

Freq	Read	Correction	Limit	Over	Pol/Phase		
	Level	Factor	Level	Line			
	MHz	dBm	dB	dBm	dB	_____	
1	1148.82	-58.39	3.50	-54.89	-19.00	-35.89	HORIZONTAL
2	1803.33	-59.70	5.68	-54.02	-19.00	-35.02	HORIZONTAL
3	2664.02	-59.11	4.96	-54.15	-19.00	-35.15	HORIZONTAL
4	4508.14	-61.92	6.13	-55.79	-19.00	-36.79	HORIZONTAL
5	7347.47	-68.89	17.00	-51.89	-19.00	-32.89	HORIZONTAL
6	9641.26	-67.87	17.90	-49.97	-19.00	-30.97	HORIZONTAL



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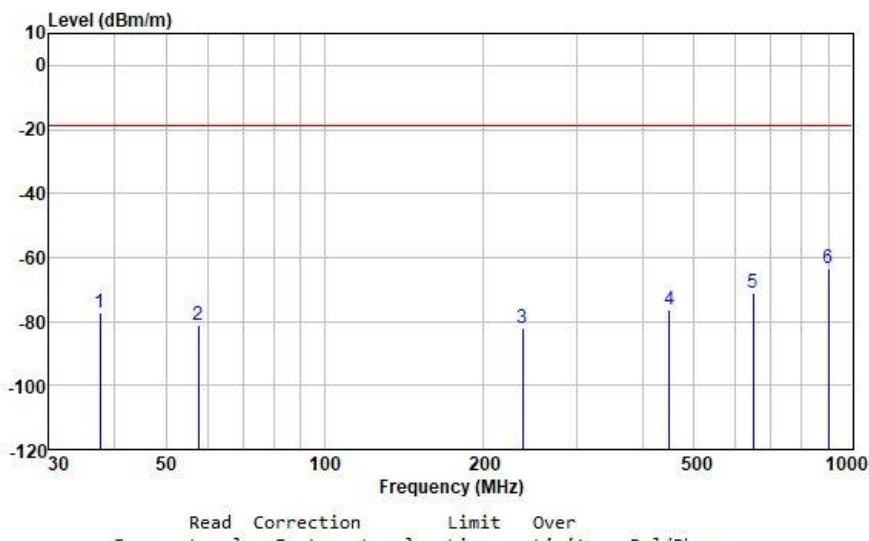
Radiated spurious emissionsUL_AWS-1 Band_30MHz~1GHz

Freq	Read	Correction	Limit	Over	Pol/Phase	
	Level	Factor	Level	Line		
	MHz	dBm	dB	dBm	dB	_____
1	49.71	-79.54	-7.08	-86.62	-19.00	-67.62 VERTICAL
2	60.49	-79.22	-2.28	-81.50	-19.00	-62.50 VERTICAL
3	119.02	-76.90	-3.96	-80.86	-19.00	-61.86 VERTICAL
4	414.72	-75.25	0.51	-74.74	-19.00	-55.74 VERTICAL
5	642.86	-74.09	4.66	-69.43	-19.00	-50.43 VERTICAL
6	900.15	-73.05	10.65	-62.40	-19.00	-43.40 VERTICAL



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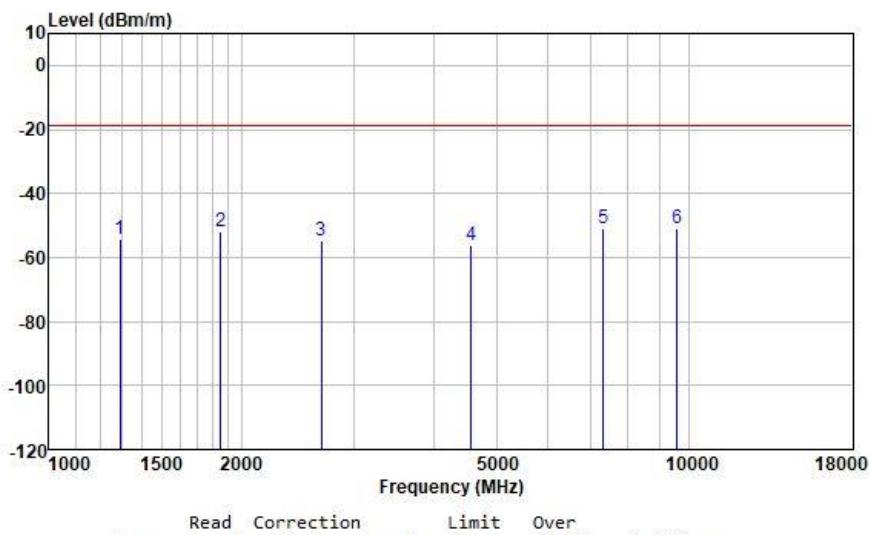
Radiated spurious emissionsUL_AWS-1 Band_30MHz~1GHz

Freq	Read	Correction	Limit	Over	Pol/Phase		
	Level	Factor	Level	Line			
	MHz	dBm	dB	dBm	dB		
1	37.55	-79.74	2.33	-77.41	-19.00	-58.41	HORIZONTAL
2	57.59	-79.00	-2.32	-81.32	-19.00	-62.32	HORIZONTAL
3	236.64	-76.00	-6.31	-82.31	-19.00	-63.31	HORIZONTAL
4	449.56	-76.43	0.25	-76.18	-19.00	-57.18	HORIZONTAL
5	647.39	-74.88	3.77	-71.11	-19.00	-52.11	HORIZONTAL
6	900.15	-73.06	9.45	-63.61	-19.00	-44.61	HORIZONTAL



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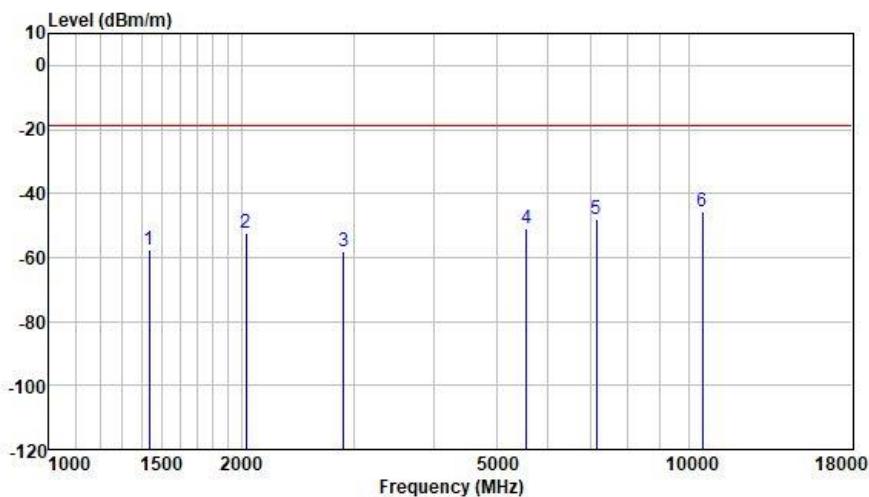
Radiated spurious emissions**UL_AWS-1 Band_ Above 1GHz**

Freq	Read	Correction	Limit	Over	Pol/Phase		
	Level	Factor	Level	Line			
	MHz	dBm	dB	dBm	dB	_____	
1	1289.63	-58.69	4.36	-54.33	-19.00	-35.33	VERTICAL
2	1856.22	-58.53	6.49	-52.04	-19.00	-33.04	VERTICAL
3	2664.02	-60.09	5.29	-54.80	-19.00	-35.80	VERTICAL
4	4568.56	-62.68	6.56	-56.12	-19.00	-37.12	VERTICAL
5	7347.47	-68.40	17.52	-50.88	-19.00	-31.88	VERTICAL
6	9585.68	-68.65	17.86	-50.79	-19.00	-31.79	VERTICAL



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Radiated spurious emissions**UL_AWS-1 Band_ Above 1GHz**

Freq	Read	Correction	Limit	Over	Pol/Phase		
	Level	Factor	Level	Line			
	MHz	dBm	dB	dBm	dB	_____	
1	1435.19	-62.23	4.64	-57.59	-19.00	-38.59	HORIZONTAL
2	2030.21	-62.38	9.81	-52.57	-19.00	-33.57	HORIZONTAL
3	2888.58	-62.19	4.09	-58.10	-19.00	-39.10	HORIZONTAL
4	5567.14	-64.45	13.68	-50.77	-19.00	-31.77	HORIZONTAL
5	7158.81	-66.56	18.71	-47.85	-19.00	-28.85	HORIZONTAL
6	10484.23	-69.03	23.52	-45.51	-19.00	-26.51	HORIZONTAL

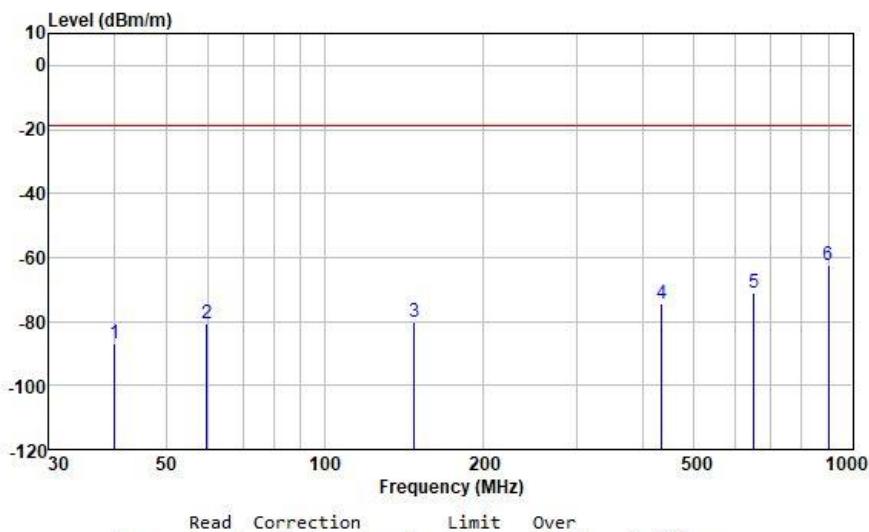


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Radiated spurious emissions

UL_Broadband PCS Band_30MHz~1GHz



Freq	Read	Correction	Limit	Over	Pol/Phase	
	Level	Factor	Level	Line		
	MHz	dBm	dB	dBm	dB	_____
1	39.99	-79.04	-7.83	-86.87	-19.00	-67.87 VERTICAL
2	59.65	-78.27	-2.21	-80.48	-19.00	-61.48 VERTICAL
3	147.92	-76.40	-3.94	-80.34	-19.00	-61.34 VERTICAL
4	434.07	-75.80	1.32	-74.48	-19.00	-55.48 VERTICAL
5	649.66	-75.69	4.72	-70.97	-19.00	-51.97 VERTICAL
6	900.15	-73.10	10.65	-62.45	-19.00	-43.45 VERTICAL

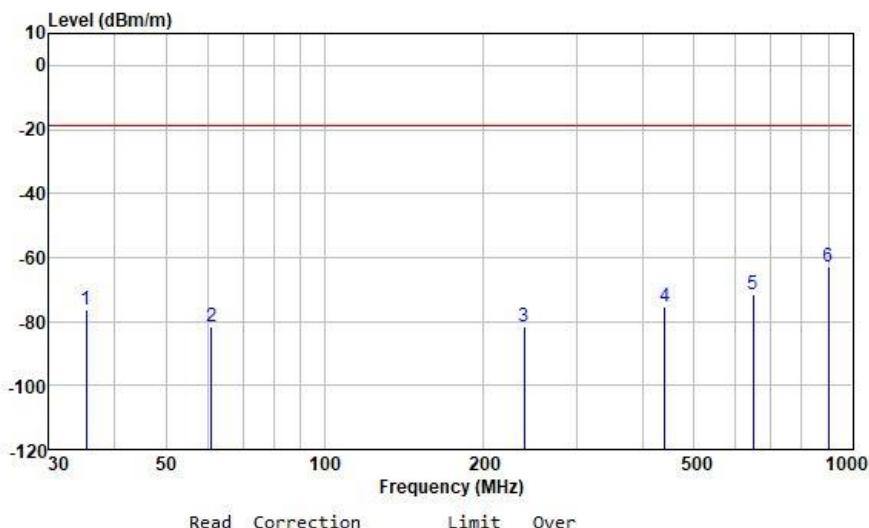


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Radiated spurious emissions

UL_Broadband PCS Band_30MHz~1GHz

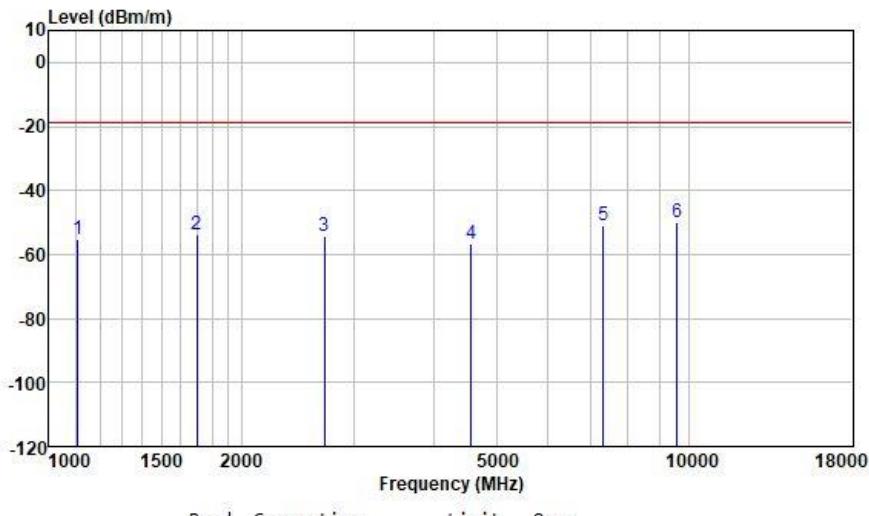


Freq	Read	Correction	Limit	Over	Pol/Phase		
	Level	Factor	Level	Line			
	MHz	dBm	dB	dBm	dB		
1	35.25	-79.24	2.84	-76.40	-19.00	-57.40	HORIZONTAL
2	60.92	-78.86	-2.75	-81.61	-19.00	-62.61	HORIZONTAL
3	238.31	-75.57	-6.23	-81.80	-19.00	-62.80	HORIZONTAL
4	440.20	-75.48	0.22	-75.26	-19.00	-56.26	HORIZONTAL
5	647.39	-75.44	3.77	-71.67	-19.00	-52.67	HORIZONTAL
6	900.15	-72.34	9.45	-62.89	-19.00	-43.89	HORIZONTAL



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Radiated spurious emissions**UL_Broadband PCS Band_ Above 1GHz**

Freq	Read	Correction	Limit	Over	Pol/Phase		
	Level	Factor	Level	Line			
MHz	dBm	dB	dBm	dBm	dB		
1	1109.66	-59.77	4.39	-55.38	-19.00	-36.38	VERTICAL
2	1702.04	-59.61	5.65	-53.96	-19.00	-34.96	VERTICAL
3	2695.00	-59.41	5.07	-54.34	-19.00	-35.34	VERTICAL
4	4560.56	-63.21	6.56	-56.65	-19.00	-37.65	VERTICAL
5	7347.47	-68.38	17.52	-50.86	-19.00	-31.86	VERTICAL
6	9585.68	-67.71	17.86	-49.85	-19.00	-30.85	VERTICAL

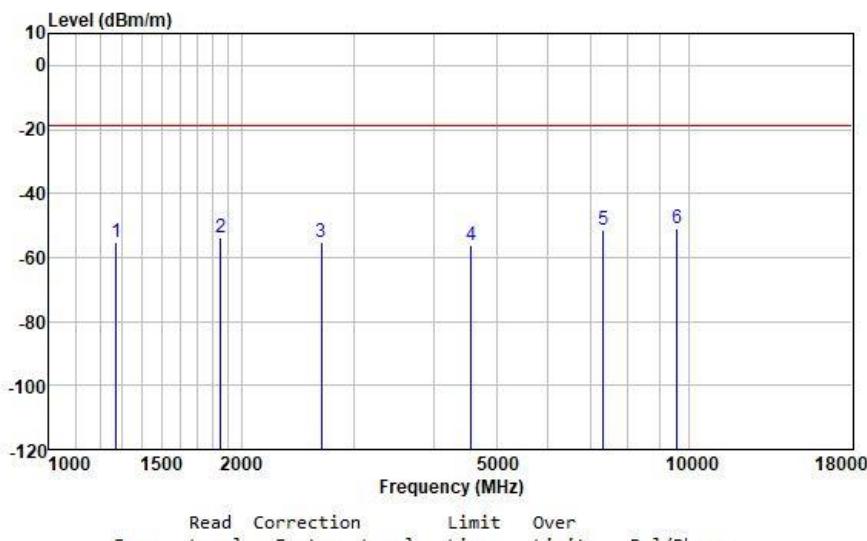
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Radiated spurious emissions**UL_Broadband PCS Band_ Above 1GHz**

Freq	Read	Correction	Limit	Over	Pol/Phase		
	Level	Factor	Level	Line			
	MHz	dBm	dB	dBm	dB		
1	1274.80	-59.55	4.11	-55.44	-19.00	-36.44	HORIZONTAL
2	1856.22	-60.05	6.14	-53.91	-19.00	-34.91	HORIZONTAL
3	2664.02	-60.01	4.96	-55.05	-19.00	-36.05	HORIZONTAL
4	4568.56	-63.22	6.88	-56.34	-19.00	-37.34	HORIZONTAL
5	7347.47	-68.40	17.00	-51.40	-19.00	-32.40	HORIZONTAL
6	9585.68	-68.58	17.72	-50.86	-19.00	-31.86	HORIZONTAL

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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