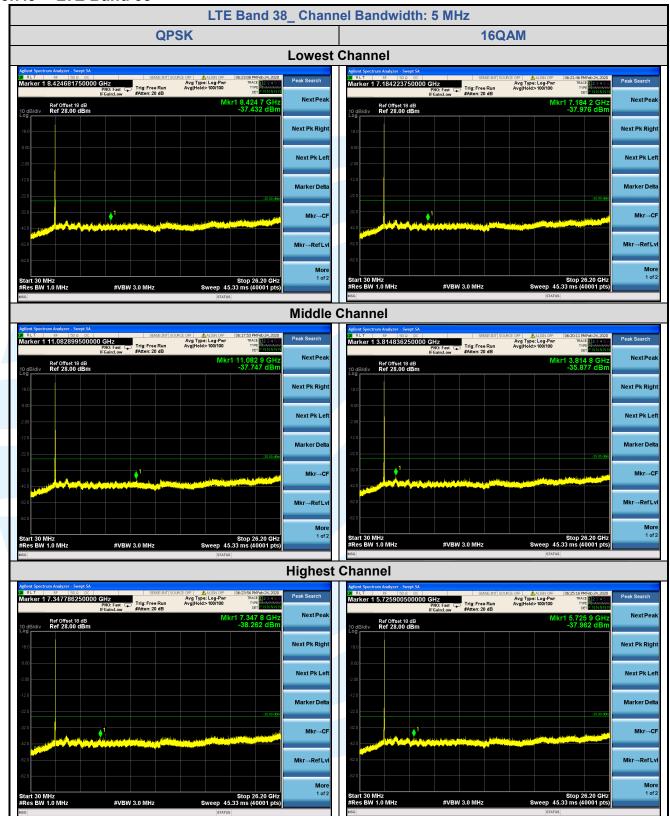
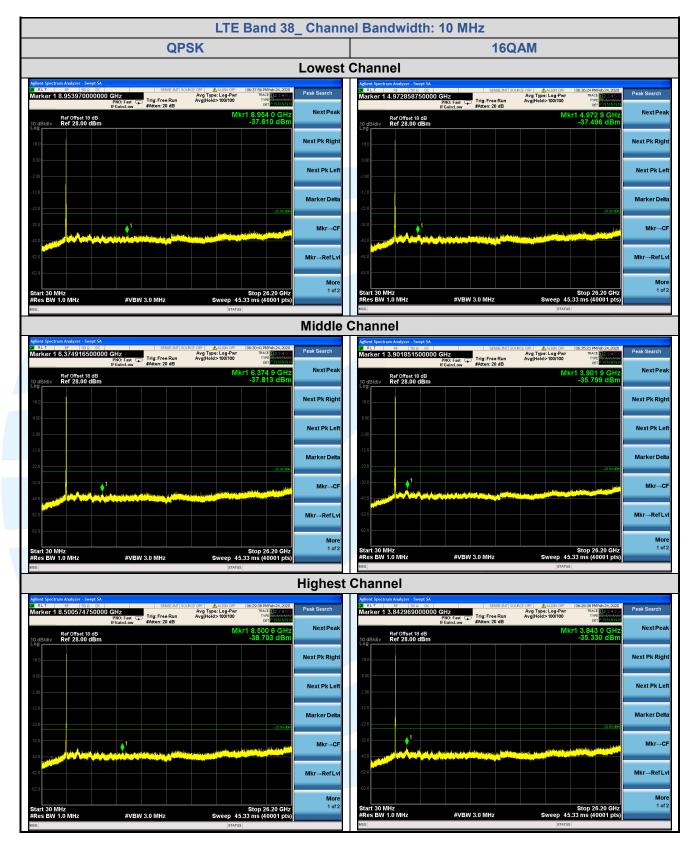




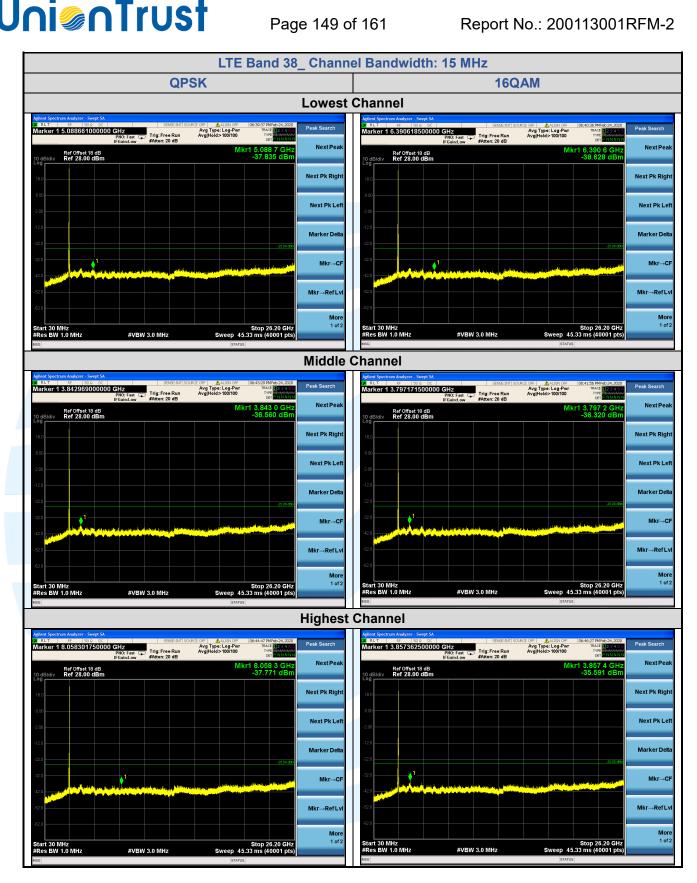
#### 5.7.5 LTE Band 38



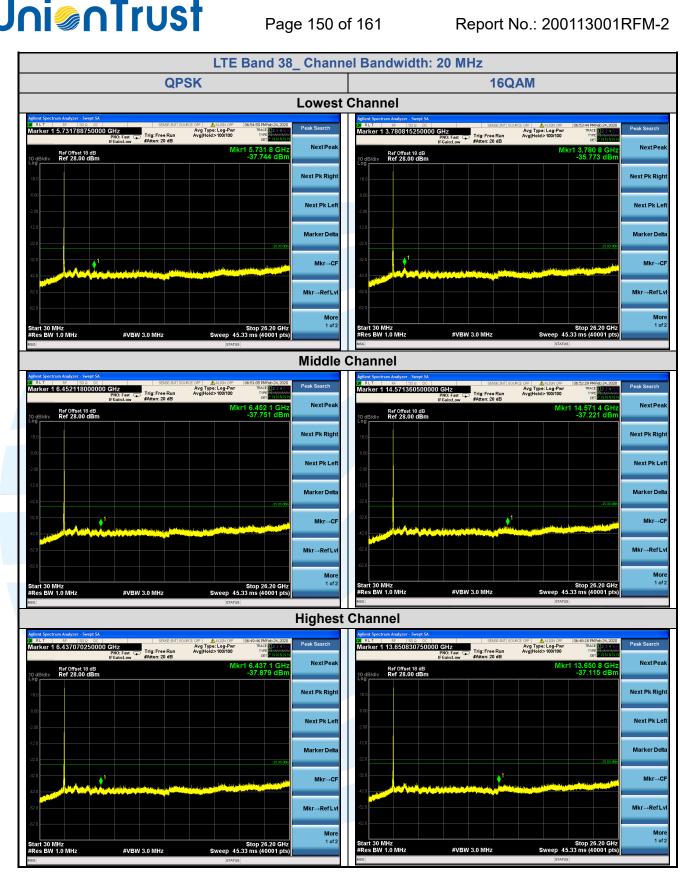














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# 5.8 FIELD STRENGTH OF SPURIOUS RADIATION

**Test Requirement:** LTE Band 2: FCC 47 CFR Part 24.238(a)

**LTE Band 4:** FCC 47 CFR Part 27.53(h) **LTE Band 5:** FCC 47 CFR Part 22.917(a)

**LTE Band 7 & Band 38:** FCC 47 CFR Part 27.53(m)(4)

**Test Method:** ANSI C63.26-2015 & KDB 971168 D01v03r01

**Receiver Setup:** 

Frequency	Detector RBW		VBW	Remark
0.009 MHz-30 MHz	Peak	10 kHz	30 KHz	Peak
30 MHz-1 GHz	Quasi-peak	100 kHz	300 KHz	Peak
Above 1 GHz	Peak	1 MHz	3 MHz	Peak

#### Limits:

## FCC 47 CFR Part 24.238(a), 27.53(h)(1), 22.917(a):

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. The emission limit equal to -13 dBm.

#### FCC 47 CFR Part 27.53(m)(4):

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 55 + 10 log(P) dB. The emission limit equal to -25 dBm.

#### FCC 47 CFR Part 27.53:

(c) The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log (P) dB.

(f) Emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals. (-70 dBW/MHz = -40dBm/MHz).

**Test Setup:** Refer to section 4.2.1 for details. **Test Procedures:** KDB 971168 D01v03r01 Section 7

**Equipment Used:** Refer to section 3 for details.

Test Result: Pass

The measurement data as follows:



## 5.8.1 LTE Band 2

		LTE B	and 2_ 20 MHz	z_ QPSK_ (30	MHz-1 GHz)		
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowes	st Channel						
1	87.914	-85.82	19.08	-66.74	-13.00	-53.74	Horizontal
2	304.955	-88.97	25.85	-63.12	-13.00	-50.12	Horizontal
3	932.141	-87.25	39.11	-48.14	-13.00	-35.14	Horizontal
4	34.770	-90.00	24.45	-65.55	-13.00	-52.55	Vertical
5	254.031	-87.99	24.67	-63.32	-13.00	-50.32	Vertical
6	868.886	-87.37	36.45	-50.92	-13.00	-37.92	Vertical
Middle	e Channel						
1	36.781	-89.84	23.74	-66.10	-13.00	-53.10	Horizontal
2	329.462	-88.56	26.78	-61.78	-13.00	-48.78	Horizontal
3	972.283	-85.74	40.23	-45.51	-13.00	-32.51	Horizontal
4	32.640	-90.30	25.84	-64.46	-13.00	-51.46	Vertical
5	106.281	-87.01	20.19	-66.82	-13.00	-53.82	Vertical
6	821.387	-86.97	36.27	-50.70	-13.00	-37.70	Vertical
Highe	st Channel						
1	42.931	-85.27	20.93	-64.34	-13.00	-51.34	Horizontal
2	403.934	-86.53	29.79	-56.74	-13.00	-43.74	Horizontal
3	952.000	-86.49	40.17	-46.32	-13.00	-33.32	Horizontal
4	34.770	-89.93	24.45	-65.48	-13.00	-52.48	Vertical
5	266.839	-87.32	24.96	-62.36	-13.00	-49.36	Vertical
6	958.714	-87.41	38.90	-48.51	-13.00	-35.51	Vertical

		LTE	E Band 2_ 20 N	/IHz_ QPSK_ A	bove 1G		
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm) (dE		
Lowes	t Channel						
1	3720.000	-63.09	13.80	-49.29	-13.00	-36.29	Horizontal
2	5580.000	-65.12	15.98	-49.14	-13.00	-36.14	Horizontal
3	3720.000	-67.17	15.18	-51.99	-13.00	-38.99	Vertical
4	5580.000	-64.68	16.87	-47.81	-13.00	-34.81	Vertical
Middle	e Channel						
1	5640.000	-61.96	16.10	-45.86	-13.00	-32.86	Horizontal
2	7520.000	-63.23	19.09	-44.14	-13.00	-31.14	Horizontal
3	5640.000	-59.45	16.97	-42.48	-13.00	-29.48	Vertical
4	7520.000	-60.77	18.48	-42.29	-13.00	-29.29	Vertical
Highes	st Channel						
1	3800.000	-66.14	13.95	-52.19	-13.00	-39.19	Horizontal
2	5700.000	-62.78	16.28	-46.50	-13.00	-33.50	Horizontal
3	3800.000	-67.55	15.39	-52.16	-13.00	-39.16	Vertical
4	5700.000	-62.02	17.14	-44.88	-13.00	-31.88	Vertical



#### 5.8.2 LTE Band 4

.0.2	LIE Danu 4						
			and 4_ 20 MHz		MHz-1 GHz)		
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowes	st Channel						
1	31.959	-90.13	26.23	-63.90	-13.00	-50.90	Horizontal
2	149.968	-87.73	21.09	-66.64	-13.00	-53.64	Horizontal
3	972.283	-86.67	40.23	-46.44	-13.00	-33.44	Horizontal
4	30.639	-90.56	27.14	-63.42	-13.00	-50.42	Vertical
5	200.043	-88.73	22.20	-66.53	-13.00	-53.53	Vertical
6	925.613	-86.56	38.11	-48.45	-13.00	-35.45	Vertical
Middle	e Channel						
1	31.959	-91.22	26.23	-64.99	-13.00	-51.99	Horizontal
2	89.787	-85.76	19.17	-66.59	-13.00	-53.59	Horizontal
3	958.714	-87.26	40.19	-47.07	-13.00	-34.07	Horizontal
4	32.640	-90.44	25.84	-64.60	-13.00	-51.60	Vertical
5	214.606	-88.00	22.80	-65.20	-13.00	-52.20	Vertical
6	958.714	-87.15	38.90	-48.25	-13.00	-35.25	Vertical
Highe	st Channel						
1	32.184	-90.50	26.12	-64.38	-13.00	-51.38	Horizontal
2	158.640	-88.01	21.91	-66.10	-13.00	-53.10	Horizontal
3	932.141	-86.67	39.11	-47.56	-13.00	-34.56	Horizontal
4	36.781	-89.11	23.15	-65.96	-13.00	-52.96	Vertical
5	327.155	-87.73	26.30	-61.43	-13.00	-48.43	Vertical
6	844.803	-86.47	36.15	-50.32	-13.00	-37.32	Vertical

		LTE	Band 4_ 20 N	IHz_ QPSK _ A	Above 1G		
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm) (dB)		
Lowes	t Channel						
1	3440.000	-69.35	12.56	-56.79	-13.00	-43.79	Horizontal
2	5160.000	-64.11	16.14	-47.97	-13.00	-34.97	Horizontal
3	3440.000	-67.64	13.80	-53.84	-13.00	-40.84	Vertical
4	5160.000	-63.42	17.11	-46.31	-13.00	-33.31	Vertical
Middle	e Channel						
1	3465.000	-72.75	12.74	-60.01	-13.00	-47.01	Horizontal
2	5197.500	-69.31	16.21	-53.10	-13.00	-40.10	Horizontal
3	3465.000	-72.63	13.97	-58.66	-13.00	-45.66	Vertical
4	5197.500	-69.90	17.17	-52.73	-13.00	-39.73	Vertical
Highes	st Channel						
1	3490.000	-72.08	12.93	-59.15	-13.00	-46.15	Horizontal
2	5235.000	-67.85	16.20	-51.65	-13.00	-38.65	Horizontal
3	3490.000	-72.08	14.14	-57.94	-13.00	-44.94	Vertical
4	5235.000	-69.40	17.16	-52.24	-13.00	-39.24	Vertical



## 5.8.3 LTE Band 5

7.0.5	LIL Dana 5	LTE B	and 5_ 10 MHz	z_ QPSK_ (30	MHz-1 GHz)		
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowes	st Channel						
1	35.016	-67.59	7.25	-60.34	-13.00	-47.34	Horizontal
2	104.798	-65.62	3.09	-62.53	-13.00	-49.53	Horizontal
3	754.963	-68.63	17.90	-50.73	-13.00	-37.73	Horizontal
4	30.639	-64.03	9.69	-54.34	-13.00	-41.34	Vertical
5	104.798	-62.57	3.09	-59.48	-13.00	-46.48	Vertical
6	723.793	-65.12	16.89	-48.23	-13.00	-35.23	Vertical
Middle	Channel						
1	35.511	-65.14	6.99	-58.15	-13.00	-45.15	Horizontal
2	210.129	-64.95	5.88	-59.07	-13.00	-46.07	Horizontal
3	776.485	-65.48	18.36	-47.12	-13.00	-34.12	Horizontal
4	30.639	-65.23	9.69	-55.54	-13.00	-42.54	Vertical
5	106.281	-65.60	3.07	-62.53	-13.00	-49.53	Vertical
6	734.037	-66.57	16.67	-49.90	-13.00	-36.90	Vertical
Highe	st Channel						
1	31.292	-65.81	9.15	-56.66	-13.00	-43.66	Horizontal
2	106.281	-63.98	3.07	-60.91	-13.00	-47.91	Horizontal
3	655.977	-64.27	16.96	-47.31	-13.00	-34.31	Horizontal
4	30.855	-64.90	9.56	-55.34	-13.00	-42.34	Vertical
5	106.281	-63.83	3.07	-60.76	-13.00	-47.76	Vertical
6	713.692	-65.08	17.01	-48.07	-13.00	-35.07	Vertical

		LTE	E Band 5_ 10 N	MHz QPSK A	bove 1G		
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowes	t Channel						
1	1658.000	-50.26	2.47	-47.79	-13.00	-34.79	Horizontal
2	3316.000	-56.53	11.97	-44.56	-13.00	-31.56	Horizontal
3	1658.000	-55.50	4.14	-51.36	-13.00	-38.36	Vertical
4	3316.000	-60.45	13.28	-47.17	-13.00	-34.17	Vertical
Middle	Channel						
1	3346.000	-62.84	12.08	-50.76	-13.00	-37.76	Horizontal
2	4182.500	-63.98	14.67	-49.31	-13.00	-36.31	Horizontal
3	3346.000	-61.04	13.37	-47.67	-13.00	-34.67	Vertical
4	4182.500	-66.46	16.05	-50.41	-13.00	-37.41	Vertical
Highes	st Channel						
1	1688.000	-56.15	2.71	-53.44	-13.00	-40.44	Horizontal
2	3376.000	-58.78	12.19	-46.59	-13.00	-33.59	Horizontal
3	1688.000	-68.04	4.49	-63.55	-13.00	-50.55	Vertical
4	3376.000	-60.03	13.46	-46.57	-13.00	-33.57	Vertical



## 5.8.4 LTE Band 7

7.0.4	LIL Dana 1	LTE B	and 7_ 20 MHz	z_ QPSK_ (30	MHz-1 GHz)		
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowes	st Channel						
1	32.184	-87.77	26.12	-61.65	-25.00	-36.65	Horizontal
2	159.759	-87.78	22.01	-65.77	-25.00	-40.77	Horizontal
3	809.924	-86.32	36.53	-49.79	-25.00	-24.79	Horizontal
4	30.855	-90.84	27.00	-63.84	-25.00	-38.84	Vertical
5	222.281	-88.48	23.13	-65.35	-25.00	-40.35	Vertical
6	919.132	-86.02	37.89	-48.13	-25.00	-23.13	Vertical
Middle	Channel						
1	32.411	-88.85	26.00	-62.85	-25.00	-37.85	Horizontal
2	334.126	-87.63	27.03	-60.60	-25.00	-35.60	Horizontal
3	952.000	-86.51	40.17	-46.34	-25.00	-21.34	Horizontal
4	30.855	-91.42	27.00	-64.42	-25.00	-39.42	Vertical
5	146.839	-87.94	20.80	-67.14	-25.00	-42.14	Vertical
6	965.474	-86.91	39.08	-47.83	-25.00	-22.83	Vertical
Highe	st Channel						
1	32.184	-90.68	26.12	-64.56	-25.00	-39.56	Horizontal
2	254.031	-88.37	24.67	-63.70	-25.00	-38.70	Horizontal
3	979.139	-87.25	40.35	-46.90	-25.00	-21.90	Horizontal
4	32.184	-90.82	26.14	-64.68	-25.00	-39.68	Vertical
5	294.426	-87.83	25.55	-62.28	-25.00	-37.28	Vertical
6	979.139	-86.87	39.47	-47.40	-25.00	-22.40	Vertical

		LTE	E Band 7_ 20 M	MHz QPSK A	bove 1G		
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowes	t Channel						
1	7530.000	-58.81	19.08	-39.73	-25.00	-14.73	Horizontal
2	12550.000	-59.84	22.98	-36.86	-25.00	-11.86	Horizontal
3	7530.000	-57.69	18.48	-39.21	-25.00	-14.21	Vertical
4	12550.000	-52.93	22.81	-30.12	-25.00	-5.12	Vertical
Middle	Channel						
1	7605.000	-58.52	19.09	-39.43	-25.00	-14.43	Horizontal
2	12675.000	-56.11	23.35	-32.76	-25.00	-7.76	Horizontal
3	7605.000	-54.60	18.47	-36.13	-25.00	-11.13	Vertical
4	12675.000	-53.73	23.01	-30.72	-25.00	-5.72	Vertical
Highes	st Channel						
1	5120.000	-61.34	16.07	-45.27	-25.00	-20.27	Horizontal
2	12800.000	-57.85	23.77	-34.08	-25.00	-9.08	Horizontal
3	5120.000	-61.57	17.05	-44.52	-25.00	-19.52	Vertical
4	12800.000	-53.04	23.25	-29.79	-25.00	-4.79	Vertical



### 5.8.5 LTE Band 38

0.0.5	LIE Ballu 3	_		- ODOK (22	MILE 4 OUL)		
	1		and 38_ 20 MH		MHZ-1 GHZ)	1	
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowes	st Channel						
1	34.285	-89.77	25.03	-64.74	-25.00	-39.74	Horizontal
2	266.839	-87.61	24.96	-62.65	-25.00	-37.65	Horizontal
3	958.714	-86.31	40.19	-46.12	-25.00	-21.12	Horizontal
4	31.292	-90.70	26.72	-63.98	-25.00	-38.98	Vertical
5	106.281	-87.92	20.19	-67.73	-25.00	-42.73	Vertical
6	932.141	-86.79	38.25	-48.54	-25.00	-23.54	Vertical
Middle	e Channel						
1	31.735	-90.21	26.35	-63.86	-25.00	-38.86	Horizontal
2	106.281	-87.10	20.19	-66.91	-25.00	-41.91	Horizontal
3	979.139	-87.02	40.35	-46.67	-25.00	-21.67	Horizontal
4	30.855	-89.28	27.00	-62.28	-25.00	-37.28	Vertical
5	320.331	-87.87	26.07	-61.80	-25.00	-36.80	Vertical
6	979.139	-86.86	39.47	-47.39	-25.00	-22.39	Vertical
Highe	st Channel						
1	36.268	-88.74	24.00	-64.74	-25.00	-39.74	Horizontal
2	336.482	-88.20	27.14	-61.06	-25.00	-36.06	Horizontal
3	945.334	-86.53	39.89	-46.64	-25.00	-21.64	Horizontal
4	31.735	-90.59	26.43	-64.16	-25.00	-39.16	Vertical
5	231.853	-87.92	23.61	-64.31	-25.00	-39.31	Vertical
6	958.714	-86.56	38.90	-47.66	-25.00	-22.66	Vertical

		LTE	Pand 29 20 I	MH- OBSK	Above 1C		
	1		Band 38_ 20 M		Above 1G	1	ı
	Frequency	SA	Correction	EIRP	Limit	Margin	
No.		Reading	factor	Result			Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
Lowes	st Channel						
1	10320.000	-56.39	22.78	-33.61	-25.00	-8.61	Horizontal
2	12900.000	-54.19	24.12	-30.07	-25.00	-5.07	Horizontal
3	10300.000	-62.42	21.14	-41.28	-25.00	-16.28	Vertical
4	12900.000	-51.72	23.46	-28.26	-25.00	-3.26	Vertical
Middle	e Channel						
1	10380.000	-62.42	22.94	-39.48	-25.00	-14.48	Horizontal
2	12975.000	-55.17	24.28	-30.89	-25.00	-5.89	Horizontal
3	10380.000	-58.37	21.18	-37.19	-25.00	-12.19	Vertical
4	12975.000	-55.12	23.51	-31.61	-25.00	-6.61	Vertical
Highe	st Channel						
1	10440.000	-62.52	23.08	-39.44	-25.00	-14.44	Horizontal
2	13050.000	-58.20	24.35	-33.85	-25.00	-8.85	Horizontal
3	10440.000	-59.72	21.20	-38.52	-25.00	-13.52	Vertical
4	13050.000	-52.24	23.49	-28.75	-25.00	-3.75	Vertical





#### Remark:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.

- 2. Result = Reading + Correct Factor.
- 3. Margin = Result Limit



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# **5.9 FREQUENCY STABILITY**

FCC 47 CFR Part 2.1055 &

FCC 47 CFR Part 22.355 &

Test Requirement: FCC 47 CFR Part 24.235 &

FCC 47 CFR Part 27.54,

**Test Method:** ANSI C63.26-2015 & KDB 971168 D01v03r01

Limits:

#### FCC 47 CFR Part 22.355, FCC 47 CFR Par 90.213

The carrier frequency shall not depart from the reference frequency in excess of ±2.5 ppm for mobile stations.

#### FCC 47 CFR Part 24.235, FCC 47 CFR Part 27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

**Test Setup:** Refer to section 4.2.2 for details.

#### **Test Procedures:**

- 1) Use CMW 500 or CMU 200 with Frequency Error measurement capability.
  - a) Temp. =  $-30^{\circ}$  to +  $50^{\circ}$ C
  - b) Voltage =low voltage, 3.5 Vdc, Normal, 3.8 Vdc and High voltage, 4.4 Vdc.
- 2) Frequency Stability vs Temperature:

The EUT is place inside a temperature chamber. The temperature is set to 20°C and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured. The temperature is increased by 10 degrees, allowed to stabilize and soak, and then the measurement is repeated. This is repeated until +50°C is reached.

3) Frequency Stability vs Voltage:

The peak frequency error is recorded (worst-case).

**Equipment Used:** Refer to section 3 for details.

Test Result: Pass

#### 5.9.1 LTE Band 2

	Jana Z						
Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail
	(MHz)	(Vdc)	(℃)	(Hz)	(ppm)	(ppm)	
			LTE Band 2 / 20	MHz / Full RB			
		VL		34	0.0181		Pass
		VN	TN	23	0.0122		Pass
		VH		31	0.0165		Pass
			50	32	0.0170		Pass
			40	39	0.0207		Pass
ODCK	18900 /		30	31	0.0165	NI/A	Pass
QPSK	1880.0		20	28	0.0149	N/A	Pass
		VN	10	34	0.0181		Pass
			0	31	0.0165		Pass
			-10	31	0.0165		Pass
			-20	29	0.0154		Pass
			-30	38	0.0202		Pass



## 5.9.2 LTE Band 4

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Pass/ Fail			
	(MHz)	(Vdc)	(℃)	(Hz)	(ppm)	(ppm)				
	LTE Band 4 / 20MHz / Full RB									
		VL	TN	37	0.0214		Pass			
		VN		28	0.0162		Pass			
		VH		31	0.0179		Pass			
			50	34	0.0196		Pass			
			40	29	0.0167		Pass			
QPSK	20175 / 1732.5	20175 /		30	41	0.0237	N/A	Pass		
			20	32	0.0185	IWA	Pass			
		VN	10	34	0.0196		Pass			
			0	31	0.0179		Pass			
			-10	33	0.0190		Pass			
			-20	36	0.0208		Pass			
			-30	38	0.0219		Pass			

# 5.9.3 LTE Band 5

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Result		
	(MHz)	(Vdc)	(℃)	(Hz)	(ppm)	(ppm)			
	LTE Band 5 / 10MHz / Full RB								
		VL		35	0.0418	± 2.5	Pass		
		VN	TN	26	0.0311	± 2.5	Pass		
		VH		27	0.0323	± 2.5	Pass		
			50	22	0.0263	± 2.5	Pass		
	20525 / 926 5	20525 / 926 5	20525 / 836.5		40	25	0.0299	± 2.5	Pass
QPSK					30	25	0.0299	± 2.5	Pass
QPSK	20020 / 000.0		20	33	0.0395	± 2.5	Pass		
		VN	10	34	0.0406	± 2.5	Pass		
			0	31	0.0371	± 2.5	Pass		
			-10	25	0.0299	± 2.5	Pass		
			-20	24	0.0287	± 2.5	Pass		
			-30	32	0.0383	± 2.5	Pass		



## 5.9.4 LTE Band 7

Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Result	
	(MHz)	(Vdc)	(℃)	(Hz)	(ppm)	(ppm)		
	LTE Band 7 / 20MHz / Full RB							
	21100 / 2535	VL	TN	31	0.0122	N/A	Pass	
		VN		38	0.0150		Pass	
		VH		31	0.0122		Pass	
QPSK		VN	50	28	0.0110		Pass	
			40	39	0.0154		Pass	
			30	28	0.0110		Pass	
			20	33	0.0130		Pass	
			10	32	0.0126		Pass	
			0	41	0.0162		Pass	
			-10	25	0.0099		Pass	
			-20	26	0.0103		Pass	
			-30	29	0.0114		Pass	

# 5.9.5 LTE Band 38

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Modulation	Channel/ Frequency	Voltage	Temperature	Deviation	Deviation	Limit	Result
	(MHz)	(Vdc)	(℃)	(Hz)	(ppm)	(ppm)	
		L	TE Band 38 / 2	0MHz / Full RE	3		
		VL	TN	28	0.0108	N/A	Pass
		VN		38	0.0146		Pass
		VH		27	0.0104		Pass
	38000 /2595	/2595 VN	50	28	0.0108		Pass
			40	29	0.0112		Pass
QPSK 38000 /2595			30	28	0.0108		Pass
			20	23	0.0089		Pass
			10	32	0.0123		Pass
			0	21	0.0081		Pass
			-10	25	0.0096		Pass
		-20	29	0.0112		Pass	
		-30	29	0.0112		Pass	



## APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

