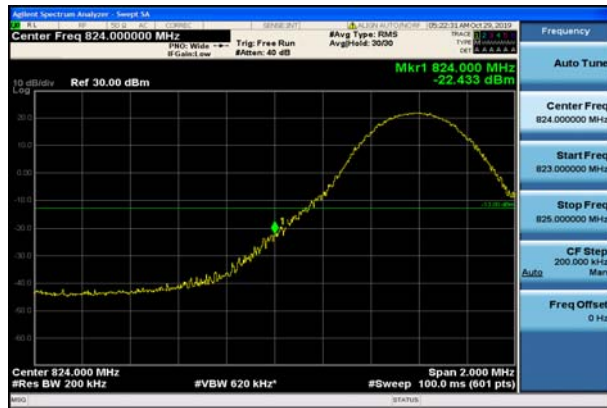


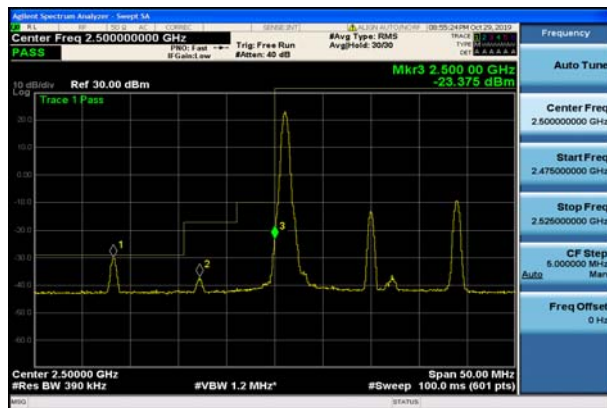
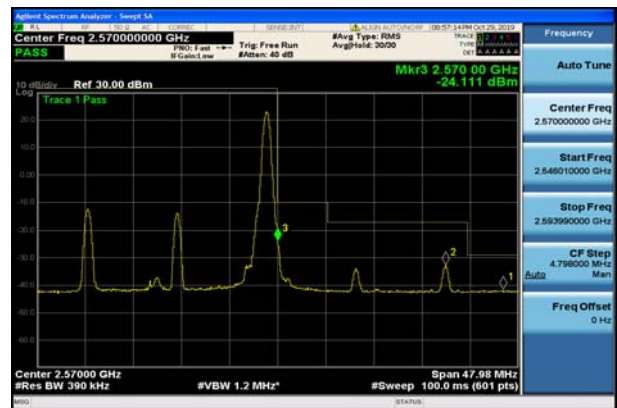
LTE Band 5 (Bandwidth 10MHz)

Low Band edge RB Size 1, RB offset 0

High Band edge RB Size 1, RB offset 49

Low Band edge RB Size 50, RB offset 0

High Band edge RB Size 50, RB offset 0

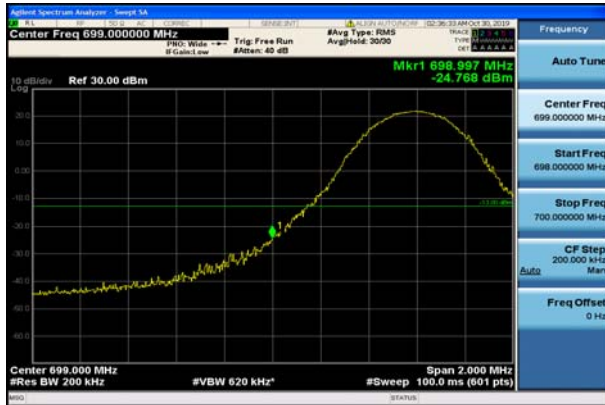

LTE Band 7 (Bandwidth 20MHz)

Low Band edge RB Size 1, RB offset 0

High Band edge RB Size 1, RB offset 99

Low Band edge RB Size 100, RB offset 0

High Band edge RB Size 100, RB offset 0


LTE Band 12 (Bandwidth 10MHz)

Low Band edge RB Size 1, RB offset 0



High Band edge RB Size 1, RB offset 49



Low Band edge RB Size 50, RB offset 0



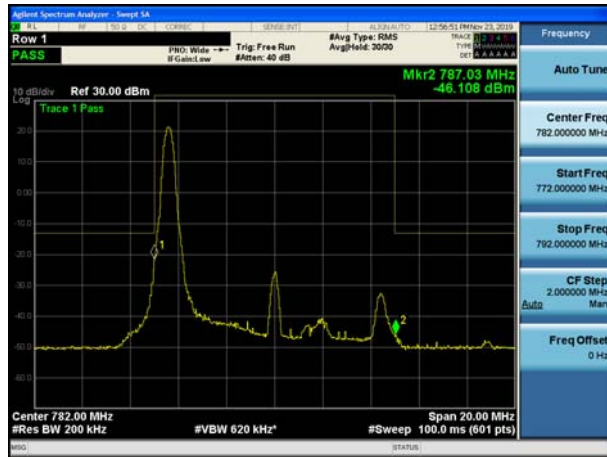
High Band edge RB Size 50, RB offset 0



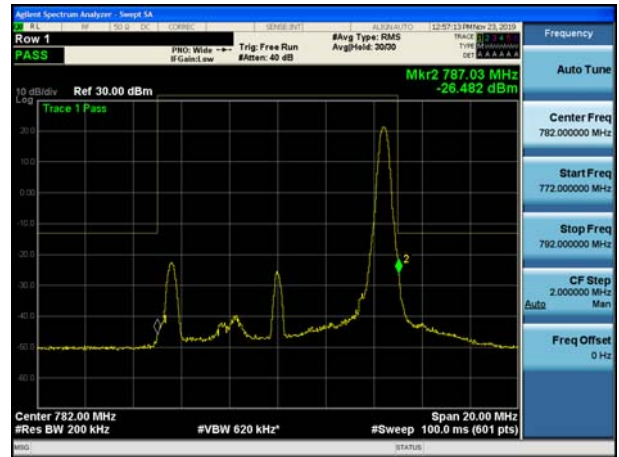


LTE Band 13 (Bandwidth 10MHz)

Low Band edge RB Size 1, RB offset 0



High Band edge RB Size 1, RB offset 99



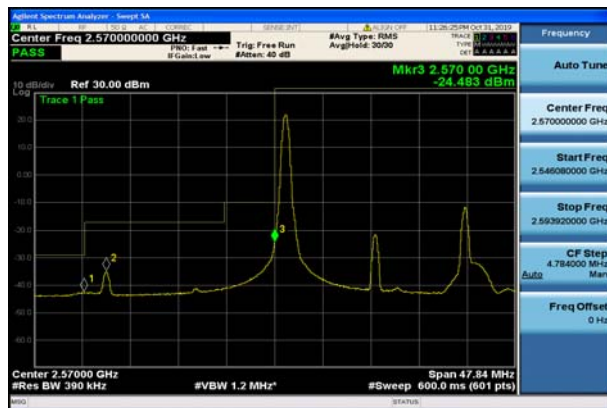
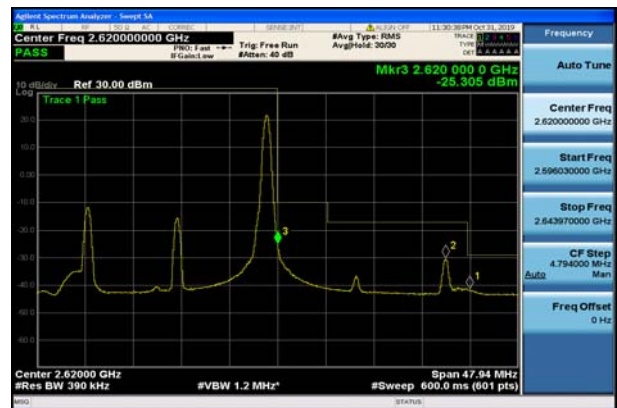
Low Band edge RB Size 50, RB offset 0



High Band edge RB Size 50, RB offset 0



LTE Band 38 (Bandwidth 20MHz)

Low Band edge RB Size 1, RB offset 0

High Band edge RB Size 1, RB offset 99

Low Band edge RB Size 100, RB offset 0

High Band edge RB Size 100, RB offset 0



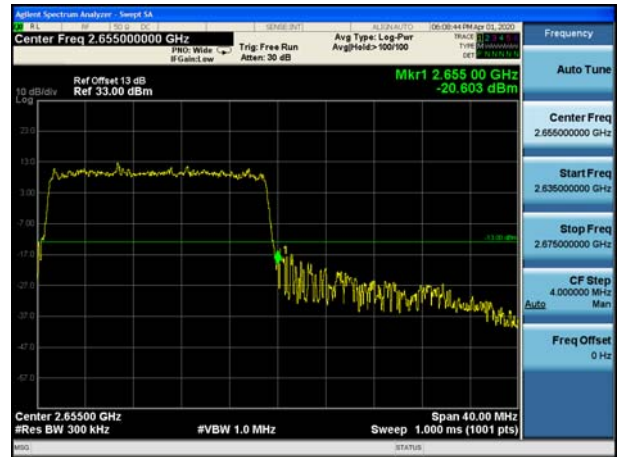

LTE Band 40	
2305-2315MHz	2350-2360MHz
Low Band edge 25RB0(5MHz)	Low Band edge 25RB0(5MHz)
High Band edge 25RB0(5MHz)	High Band edge 25RB0(5MHz)
Band edge 50RB0(10MHz)	Band edge 50RB0(10MHz)



LTE Band 41 (Bandwidth 20MHz)

Low Band edge RB Size 100, RB offset 0

High Band edge RB Size 100, RB offset 0



Low Band edge RB Size 100, RB offset 0

High Band edge RB Size 100, RB offset 0



6.3 Field strength of spurious radiation measurement

6.3.1 Limit

LTE Band 2, LTE Band 4, LTE Band 5, LTE Band 12, LTE Band 13, LTE Band 40: -13dBm

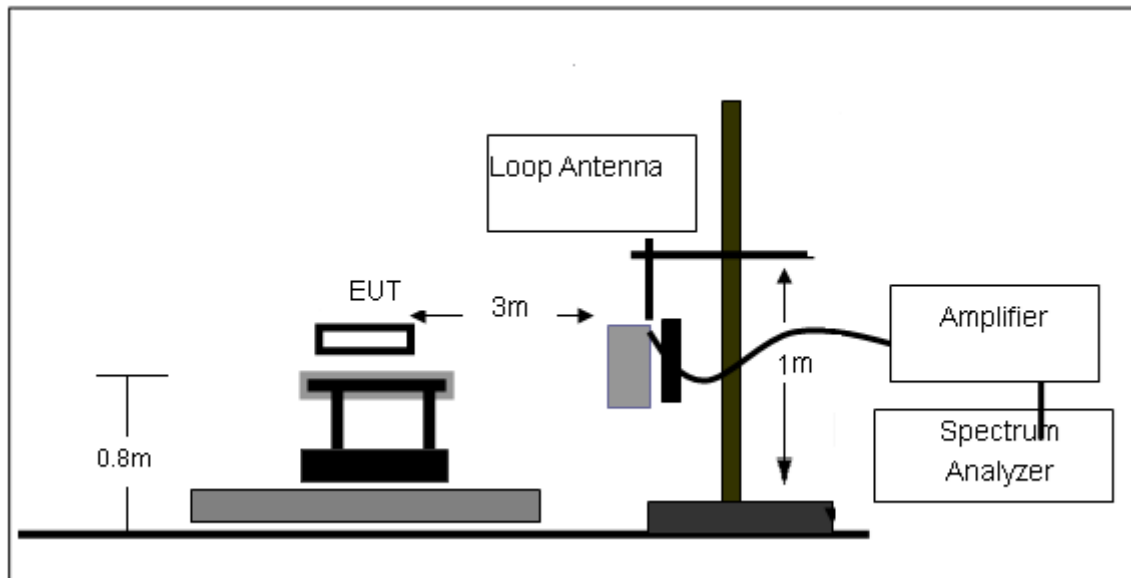
LTE Band7, LTE Band 38, LTE Band 41: -25dBm

6.3.2 Test procedure

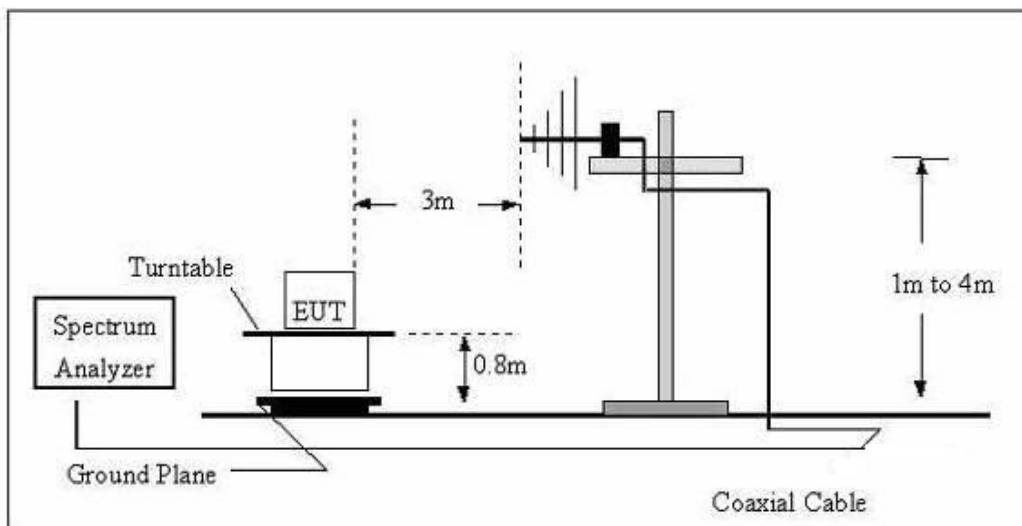
1. The EUT was placed on a non-conductive turntable using a nonconductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer.
2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.
3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.
4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency. $ERP / EIRP = S.G. \text{ output (dBm)} + \text{Antenna Gain(dB/dBi)} - \text{Cable Loss (dB)}$.

6.3.3 Test setup

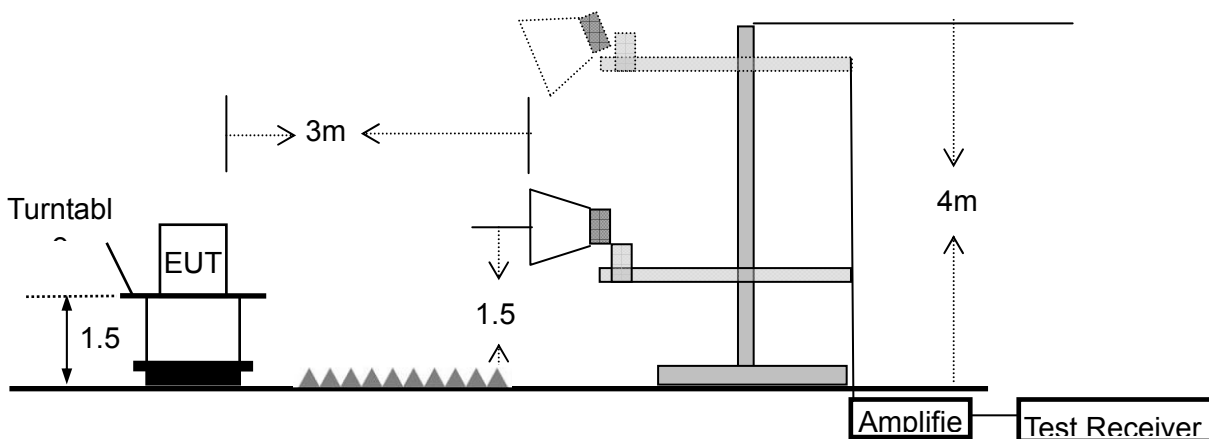
Radiated emission test-up frequency below 30MHz



Radiated emission test-up frequency 30MHz~1GHz



Radiated emission test-up frequency above 1GHz



6.3.4 Test results

Note: All the configuration was tested and only the worse case was reported

LTE Band 2 (30MHz – 19GHz): Middle:1880MHz

Frequency (MHz)	Reading Level (dBm)	Cable Loss (dB)	Antenna Gain (dB)	Measurement (dBm)	Limit (dBm)	Margin	Polarization	Result
277.035	-68.70	0.44	5.5	-63.64	-13	-50.64	H	Pass
298.364	-66.29	0.45	5.9	-60.84	-13	-47.84	V	Pass
3760.325	-62.34	2.65	14.3	-50.69	-13	-37.69	H	Pass
3760.325	-58.21	2.65	14.3	-46.56	-13	-33.56	V	Pass
5640.187	-62.37	3.92	14.5	-51.79	-13	-38.79	H	Pass
5640.187	-63.92	3.92	14.5	-53.34	-13	-40.34	V	Pass
7520.924	-62.49	4.36	12.9	-53.95	-13	-40.95	H	Pass
7520.824	-60.95	4.36	12.9	-52.41	-13	-39.41	V	Pass

LTE Band 4 (30MHz – 18GHz): Middle:1732.5MHz

Frequency (MHz)	Reading Level (dBm)	Cable Loss (dB)	Antenna Gain (dB)	Measurement (dBm)	Limit (dBm)	Margin	Polarization	Result
277.035	-67.34	0.44	5.5	-62.28	-13	-49.28	H	Pass
298.364	-67.66	0.45	5.9	-62.21	-13	-49.21	V	Pass
3465.239	-62.14	2.28	14.2	-50.22	-13	-37.22	H	Pass
3465.239	-62.73	2.28	14.2	-50.81	-13	-37.81	V	Pass
5197.527	-62.65	3.62	14.5	-51.77	-13	-38.77	H	Pass
5197.527	-62.12	3.62	14.5	-51.24	-13	-38.24	V	Pass
6930.571	-66.48	4.03	13.3	-57.21	-13	-44.21	H	Pass
6930.571	-68.69	4.03	13.3	-59.42	-13	-46.42	V	Pass

LTE Band 5 (30MHz – 10GHz): Middle:836.5MHz

Frequency	Reading Level	Cable Loss	Antenna Gain	Measurement	Limit	Margin	Polarization	Result
(MHz)	(dBm)	(dB)	(dB)	(dBm)	(dBm)			
277.697	-68.95	0.44	5.5	-63.89	-13	-50.89	H	Pass
298.725	-66.66	0.45	5.9	-61.21	-13	-48.21	V	Pass
1673.642	-53.15	7.99	9.8	-51.34	-13	-38.34	H	Pass
1673.642	-54.47	7.99	9.8	-52.66	-13	-39.66	V	Pass
2509.531	-62.73	8.64	12.3	-59.07	-13	-46.07	H	Pass
2509.531	-60.03	8.64	12.3	-56.37	-13	-43.37	V	Pass
3346.328	-64.97	9.92	13.6	-61.29	-13	-48.29	H	Pass
3346.328	-66.90	9.92	13.6	-63.22	-13	-50.22	V	Pass

LTE Band 7 (30MHz – 26.5GHz): Middle:2535MHz

Frequency	Reading Level	Cable Loss	Antenna Gain	Measurement	Limit	Margin	Polarization	Result
(MHz)	(dBm)	(dB)	(dB)	(dBm)	(dBm)			
277.694	-66.98	0.44	5.5	-61.92	-25	-36.92	H	Pass
298.705	-66.33	0.45	5.9	-60.88	-25	-35.88	V	Pass
5070.321	-68.04	3.65	14.5	-57.19	-25	-32.19	H	Pass
5070.321	-67.98	3.65	14.5	-57.13	-25	-32.13	V	Pass
7605.597	-65.78	4.34	12.9	-57.22	-25	-32.22	H	Pass
7605.597	-58.29	4.34	12.9	-49.73	-25	-24.73	V	Pass
10140.146	-67.42	6.02	12.6	-60.84	-25	-35.84	H	Pass
10140.146	-66.92	6.02	12.6	-60.34	-25	-35.34	V	Pass

LTE Band 12 (30MHz – 10G): Middle:707.5MHz

Frequency	Reading Level	Cable Loss	Antenna Gain	Measurement	Limit	Margin	Polarization	Result
(MHz)	(dBm)	(dB)	(dB)	(dBm)	(dBm)			
277.014	-65.22	0.44	5.5	-60.16	-13	-47.16	H	Pass
298.125	-65.44	0.45	5.9	-59.99	-13	-46.99	V	Pass
1415.321	-52.55	7.82	9.7	-50.67	-13	-37.67	H	Pass
1415.321	-50.61	7.82	9.7	-48.73	-13	-35.73	V	Pass
2122.537	-60.57	8.11	10.3	-58.38	-13	-45.38	H	Pass
2122.537	-59.95	8.11	10.3	-57.76	-13	-44.76	V	Pass
2830.364	-64.80	8.52	13.6	-59.72	-13	-46.72	H	Pass
2830.364	-62.89	8.52	13.6	-57.81	-13	-44.81	V	Pass

LTE Band 13 (30MHz – 10GHz): Middle:782MHz

Frequency	Reading Level	Cable Loss	Antenna Gain	Measurement	Limit	Margin	Polarization	Result
(MHz)	(dBm)	(dB)	(dB)	(dBm)	(dBm)			
277.371	-62.97	0.44	5.5	-57.91	-13	-44.91	H	Pass
298.274	-63.34	0.45	5.9	-57.89	-13	-44.89	V	Pass
1564.391	-50.32	7.82	9.7	-48.44	-13	-35.44	H	Pass
1564.391	-51.54	7.82	9.7	-49.66	-13	-36.66	V	Pass
2346.245	-57.24	8.11	10.3	-55.05	-13	-42.05	H	Pass
2346.245	-56.84	8.11	10.3	-54.65	-13	-41.65	V	Pass
3128.326	-59.74	8.52	13.6	-54.66	-13	-41.66	H	Pass
3128.326	-61.24	8.52	13.6	-56.16	-13	-43.16	V	Pass

LTE Band 38 (30MHz – 26.5GHz): Middle:2595MHz

Frequency	Reading Level	Cable Loss	Antenna Gain	Measurement	Limit	Margin	Polarization	Result
(MHz)	(dBm)	(dB)	(dB)	(dBm)	(dBm)			
278.385	-69.37	0.44	5.5	-64.31	-25	-39.31	H	Pass
291.204	-70.31	0.45	5.9	-64.86	-25	-39.86	V	Pass
5190.127	-63.00	3.65	14.5	-52.15	-25	-27.15	H	Pass
5190.127	-60.79	3.65	14.5	-49.94	-25	-24.94	V	Pass
7785.292	-65.20	4.34	12.9	-56.64	-25	-31.64	H	Pass
7785.292	-52.40	4.34	12.9	-43.84	-25	-18.84	V	Pass
10380.701	-67.23	6.02	12.6	-60.65	-25	-35.65	H	Pass
10380.701	-67.80	6.02	12.6	-61.22	-25	-36.22	V	Pass

LTE Band 40 (30MHz – 26.5GHz)

Frequency	Reading Level	Cable Loss	Antenna Gain	Measurement	Limit	Margin	Polarization	Result
(MHz)	(dBm)	(dB)	(dB)	(dBm)	(dBm)			
Frequency:2310MHz								
278.385	-67.90	0.44	5.5	-62.84	-13	-49.84	H	Pass
391.204	-68.41	0.45	5.9	-62.96	-13	-49.96	V	Pass
4620.364	-65.86	3.65	14.9	-54.61	-13	-41.61	H	Pass
4620.364	-66.10	3.65	14.9	-54.85	-13	-41.85	V	Pass
6930.147	-69.74	4.34	13.4	-60.68	-13	-47.68	H	Pass
6930.147	-64.89	4.34	13.4	-55.83	-13	-42.83	V	Pass
9240.871	-67.70	6.02	12.6	-61.12	-13	-48.12	H	Pass
9240.871	-67.08	6.02	12.6	-60.50	-13	-47.50	V	Pass
Frequency:2355MHz								
278.385	-67.29	0.44	5.5	-62.23	-13	-49.23	H	Pass
391.204	-67.59	0.45	5.9	-62.14	-13	-49.14	V	Pass
4710.309	-65.13	3.65	14.9	-53.88	-13	-40.88	H	Pass
4710.309	-64.80	3.65	14.9	-53.55	-13	-40.55	V	Pass
7065.921	-60.47	4.34	13.4	-51.41	-13	-38.41	H	Pass
7065.921	-63.07	4.34	13.4	-54.01	-13	-41.01	V	Pass
9420.726	-67.09	6.02	12.6	-60.51	-13	-47.51	H	Pass
9420.726	-67.08	6.02	12.6	-60.50	-13	-47.50	V	Pass

LTE Band 41 (30MHz – 26.5GHz): Middle: 2605MHz

Frequency	Reading Level	Cable Loss	Antenna Gain	Measurement	Limit	Margin	Polarization	Result
(MHz)	(dBm)	(dB)	(dB)	(dBm)	(dBm)			
278.385	-70.27	0.44	5.5	-65.21	-25	-40.21	H	Pass
391.204	-69.52	0.45	5.9	-64.07	-25	-39.07	V	Pass
5210.321	-65.47	3.65	14.5	-54.62	-25	-29.62	H	Pass
5210.321	-66.58	3.65	14.5	-55.73	-25	-30.73	V	Pass
7815.326	-65.22	4.34	12.9	-56.66	-25	-31.66	H	Pass
7815.326	-67.56	4.34	12.9	-59.00	-25	-34.00	V	Pass
10420.429	-69.62	6.02	12.6	-63.04	-25	-38.04	H	Pass
10420.429	-69.36	6.02	12.6	-62.78	-25	-37.78	V	Pass

6.4 Frequency Stability

6.4.1 Limit

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. As this transceiver is considered "Hand carried, battery powered equipment" Section 2.1055(d) (2) applies. This requires that the lower voltage for frequency stability testing be specified by the manufacturer. This transceiver is specified to operate with an input voltage of between 3.42VDC and 4.18VDC, with a nominal voltage of 3.8VDC. Operation above or below these voltage limits is prohibited by transceiver software in order to prevent improper operation as well as to protect components from over stress. These voltages represent a tolerance from -5.4% to 10.8%. For the purposes of measuring frequency stability these voltage limits are to be used.

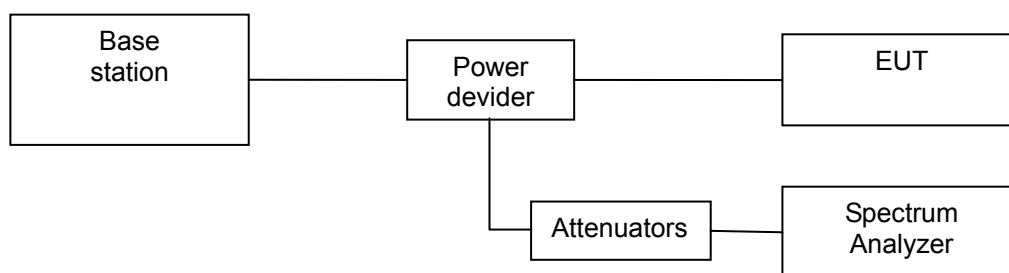
6.4.2 Test procedure

Frequency Stability vs. Temperature: The equipment under test was connected to an external DC power supply and the RF output was connected to communication test set via feed-through attenuators. The EUT was placed inside the temperature chamber. The DC leads and RF output cable exited the chamber through an opening made for the purpose.

After the temperature stabilized for approximately 20 minutes, the frequency output was recorded from the communication test set.

Frequency Stability vs. Voltage: An external variable DC power supply was connected to the battery terminals of the equipment under test. The voltage was set to 115% of the nominal value and was then decreased until the transmitter light no longer illuminated; i.e., the battery end point. The output frequency was recorded for each battery voltage.

6.4.3 Test setup



6.4.4 Test results
LTE Band 2

QPSK, Channel Bandwidth:10MHz					
Temperature(°C)	Test channels (MHz)	Voltage (V)	Frequency Error (Hz)	Frequency Error (ppm)	Result
-30	1880	3.8	-11.17	-0.006	Pass
-20			-8.81	-0.005	Pass
-10			-8.88	-0.005	Pass
0			-10.8	-0.006	Pass
10			-7.88	-0.004	Pass
20			-8.83	-0.005	Pass
30			-6.94	-0.004	Pass
40			7.64	0.004	Pass
50			9.38	0.005	Pass
20		3.42	17.34	0.009	Pass
20		4.18	21.61	0.011	Pass

16QAM, Channel Bandwidth:10MHz					
Temperature(°C)	Test channels (MHz)	Voltage (V)	Frequency Error (Hz)	Frequency Error (ppm)	Result
-30	1880	3.8	7.58	0.004	Pass
-20			-7.04	-0.004	Pass
-10			6.91	0.004	Pass
0			6.84	0.004	Pass
10			7.31	0.004	Pass
20			-6.91	-0.004	Pass
30			6.49	0.003	Pass
40			-6.67	-0.004	Pass
50			-6.85	-0.004	Pass
20		3.42	8.08	0.004	Pass
20		4.18	8.27	0.004	Pass

LTE Band 4

QPSK, Channel Bandwidth:10MHz					
Temperature	Voltage	Test Result		Limit	
		(MHz)		(MHz)	
(°C)	(V)	FL	FH	FL	FH
-30	3.8	1710.068	1754.966	1710	1755
-20		1710.007	1754.904	1710	1755
-10		1710.057	1754.943	1710	1755
0		1710.082	1754.911	1710	1755
10		1710.063	1754.967	1710	1755
20		1710.048	1754.965	1710	1755
30		1710.087	1754.913	1710	1755
40		1710.019	1754.999	1710	1755
50		1710.066	1754.979	1710	1755
20		3.42	1710.006	1754.927	1710
20	4.18	1710.033	1754.994	1710	1755

16QAM, Channel Bandwidth:10MHz					
Temperature	Voltage	Test Result		Limit	
		(MHz)		(MHz)	
(°C)	(V)	FL	FH	FL	FH
-30	3.8	1710.068	1754.966	1710	1755
-20		1710.007	1754.904	1710	1755
-10		1710.057	1754.943	1710	1755
0		1710.082	1754.911	1710	1755
10		1710.063	1754.967	1710	1755
20		1710.048	1754.965	1710	1755
30		1710.087	1754.913	1710	1755
40		1710.019	1754.999	1710	1755
50		1710.066	1754.979	1710	1755
20		3.42	1710.006	1754.927	1710
20	4.18	1710.033	1754.994	1710	1755

LTE Band 5

QPSK, Channel Bandwidth:10MHz					
Temperature(°C)	Test channels (MHz)	Voltage (V)	Frequency Error (Hz)	Frequency Error (ppm)	Result
-30	836.5	3.8	-7.48	-0.009	Pass
-20			-5.29	-0.006	Pass
-10			-4.51	-0.005	Pass
0			3.55	0.004	Pass
10			-5.18	-0.006	Pass
20			-4.72	-0.006	Pass
30			4.22	0.005	Pass
40			3.3	0.004	Pass
50			4.45	0.005	Pass
20			3.42	-4.69	-0.006
20		4.18	-4.49	-0.005	Pass

16QAM, Channel Bandwidth:10MHz					
Temperature(°C)	Test channels (MHz)	Voltage (V)	Frequency Error (Hz)	Frequency Error (ppm)	Result
-30	836.5	3.8	-5.72	-0.007	Pass
-20			-6.59	-0.008	Pass
-10			-4.35	-0.005	Pass
0			-3.46	-0.004	Pass
10			-4.73	-0.006	Pass
20			-3.96	-0.005	Pass
30			-4.46	-0.005	Pass
40			-3.48	-0.004	Pass
50			-4.99	-0.006	Pass
20			3.42	-3.89	-0.005
20		4.18	-5.34	-0.006	Pass

LTE Band 7

QPSK, Channel Bandwidth:10MHz					
Temperature (°C)	Voltage (V)	Test Result (MHz)		Limit (MHz)	
		FL	FH	FL	FH
-30	3.8	2500.076	2569.987	2500	2570
-20		2500.026	2569.972	2500	2570
-10		2500.064	2569.983	2500	2570
0		2500.026	2569.947	2500	2570
10		2500.009	2569.942	2500	2570
20		2500.030	2569.906	2500	2570
30		2500.013	2569.919	2500	2570
40		2500.058	2569.928	2500	2570
50		2500.043	2569.946	2500	2570
20		3.42	2500.053	2569.975	2500
20	4.18	2500.092	2569.965	2500	2570

16QAM, Channel Bandwidth:10MHz					
Temperature (°C)	Voltage (V)	Test Result (MHz)		Limit (MHz)	
		FL	FH	FL	FH
-30	3.8	2500.002	2569.948	2500	2570
-20		2500.020	2569.911	2500	2570
-10		2500.084	2569.911	2500	2570
0		2500.047	2569.977	2500	2570
10		2500.057	2569.986	2500	2570
20		2500.026	2569.956	2500	2570
30		2500.012	2569.923	2500	2570
40		2500.007	2569.936	2500	2570
50		2500.078	2569.985	2500	2570
20		3.42	2500.031	2569.973	2500
20	4.18	2500.094	2569.963	2500	2570

LTE Band 12

QPSK, Channel Bandwidth:10MHz					
Temperature (°C)	Voltage (V)	Test Result (MHz)		Limit (MHz)	
		FL	FH	FL	FH
-30	3.8	699.071	715.904	699	716
-20		699.016	715.965	699	716
-10		699.054	715.958	699	716
0		699.070	715.977	699	716
10		699.091	715.916	699	716
20		699.085	715.916	699	716
30		699.077	715.923	699	716
40		699.097	715.955	699	716
50		699.015	715.967	699	716
20		3.42	699.026	715.958	699
20	4.18	699.099	715.967	699	716

16QAM, Channel Bandwidth:10MHz					
Temperature (°C)	Voltage (V)	Test Result (MHz)		Limit (MHz)	
		FL	FH	FL	FH
-30	3.8	699.062	715.911	699	716
-20		699.014	715.942	699	716
-10		699.075	715.975	699	716
0		699.091	715.912	699	716
10		699.004	715.953	699	716
20		699.077	715.936	699	716
30		699.078	715.969	699	716
40		699.090	715.938	699	716
50		699.049	715.955	699	716
20		3.42	699.075	715.992	699
20	4.18	699.099	715.954	699	716

LTE Band 13

QPSK, Channel Bandwidth:10MHz					
Temperature	Voltage	Test Result		Limit	
		(MHz)		(MHz)	
(°C)	(V)	FL	FH	FL	FH
-30	3.8	777.099	786.902	777	787
-20		777.089	786.900	777	787
-10		777.026	786.909	777	787
0		777.055	786.910	777	787
10		777.074	786.921	777	787
20		777.034	786.993	777	787
30		777.065	786.921	777	787
40		777.004	786.926	777	787
50		777.074	786.997	777	787
20		3.42	777.067	786.963	777
20	4.18	777.054	786.967	777	787

16QAM, Channel Bandwidth:10MHz					
Temperature	Voltage	Test Result		Limit	
		(MHz)		(MHz)	
(°C)	(V)	FL	FH	FL	FH
-30	3.8	777.051	786.994	777	787
-20		777.060	786.929	777	787
-10		777.005	786.964	777	787
0		777.094	786.914	777	787
10		777.014	786.952	777	787
20		777.010	786.977	777	787
30		777.002	786.917	777	787
40		777.020	786.927	777	787
50		777.042	786.951	777	787
20		3.42	777.028	786.914	777
20	4.18	777.028	786.941	777	787

LTE Band 38

QPSK, Channel Bandwidth:10MHz					
Temperature	Voltage	Test Result		Limit	
		(MHz)		(MHz)	
(°C)	(V)	FL	FH	FL	FH
-30	3.8	2570.069	2619.914	2570	2620
-20		2570.013	2619.991	2570	2620
-10		2570.060	2619.939	2570	2620
0		2570.017	2619.914	2570	2620
10		2570.075	2619.978	2570	2620
20		2570.050	2619.948	2570	2620
30		2570.084	2619.921	2570	2620
40		2570.038	2619.902	2570	2620
50		2570.038	2619.972	2570	2620
20		3.42	2570.089	2619.942	2570
20	4.18	2570.005	2619.903	2570	2620

16QAM, Channel Bandwidth:10MHz					
Temperature	Voltage	Test Result		Limit	
		(MHz)		(MHz)	
(°C)	(V)	FL	FH	FL	FH
-30	3.8	2570.055	2619.975	2570	2620
-20		2570.034	2619.938	2570	2620
-10		2570.046	2619.911	2570	2620
0		2570.011	2619.944	2570	2620
10		2570.005	2619.902	2570	2620
20		2570.092	2619.913	2570	2620
30		2570.029	2619.967	2570	2620
40		2570.037	2619.967	2570	2620
50		2570.095	2619.924	2570	2620
20		3.42	2570.033	2619.931	2570
20	4.18	2570.013	2619.962	2570	2620

LTE Band 40 (2305-2315)

QPSK, Channel Bandwidth:10MHz					
Temperature	Voltage	Test Result		Limit	
		(MHz)		(MHz)	
(°C)	(V)	FL	FH	FL	FH
-30	3.8	2305.019	2314.983	2305	2315
-20		2305.077	2314.977	2305	2315
-10		2305.009	2314.928	2305	2315
0		2305.073	2314.926	2305	2315
10		2305.009	2314.933	2305	2315
20		2305.029	2314.950	2305	2315
30		2305.052	2314.910	2305	2315
40		2305.034	2314.917	2305	2315
50		2305.073	2314.955	2305	2315
20		3.42	2305.038	2314.952	2305
20	4.18	2305.091	2314.985	2305	2315

16QAM, Channel Bandwidth:10MHz					
Temperature	Voltage	Test Result		Limit	
		(MHz)		(MHz)	
(°C)	(V)	FL	FH	FL	FH
-30	3.8	2305.016	2314.989	2305	2315
-20		2305.011	2314.969	2305	2315
-10		2305.080	2314.940	2305	2315
0		2305.020	2314.982	2305	2315
10		2305.059	2314.951	2305	2315
20		2305.007	2314.986	2305	2315
30		2305.049	2314.967	2305	2315
40		2305.080	2314.940	2305	2315
50		2305.043	2314.945	2305	2315
20		3.42	2305.073	2314.975	2305
20	4.18	2305.038	2314.913	2305	2315

LTE Band 40 (2350-2360)

QPSK, Channel Bandwidth:10MHz					
Temperature	Voltage	Test Result		Limit	
		(MHz)		(MHz)	
(°C)	(V)	FL	FH	FL	FH
-30	3.8	2350.029	2359.937	2350	2360
-20		2350.181	2359.956	2350	2360
-10		2350.118	2359.918	2350	2360
0		2350.113	2359.960	2350	2360
10		2350.135	2359.924	2350	2360
20		2350.165	2359.955	2350	2360
30		2350.172	2359.901	2350	2360
40		2350.176	2359.917	2350	2360
50		2350.155	2359.948	2350	2360
20		3.42	2350.133	2359.939	2350
20	4.18	2350.170	2359.938	2350	2360

16QAM, Channel Bandwidth:10MHz					
Temperature	Voltage	Test Result		Limit	
		(MHz)		(MHz)	
(°C)	(V)	FL	FH	FL	FH
-30	3.8	2350.181	2359.905	2350	2360
-20		2350.162	2359.919	2350	2360
-10		2350.148	2359.938	2350	2360
0		2350.189	2359.950	2350	2360
10		2350.156	2359.988	2350	2360
20		2350.123	2359.970	2350	2360
30		2350.167	2359.984	2350	2360
40		2350.163	2359.970	2350	2360
50		2350.138	2359.985	2350	2360
20		3.42	2350.146	2359.902	2350
20	4.18	2350.197	2359.942	2350	2360

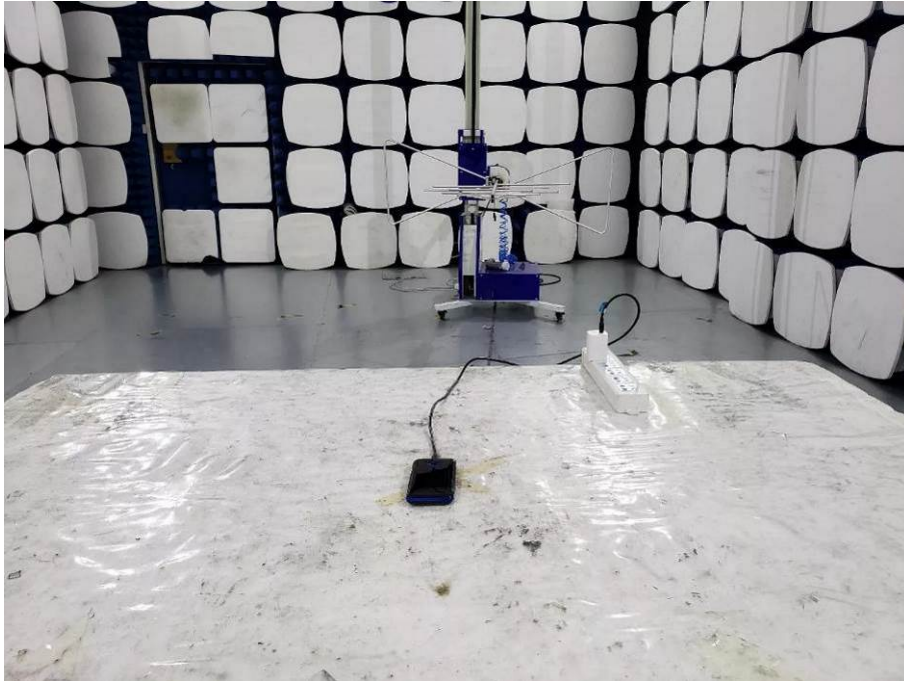
LTE Band 41 (2555-2655)

QPSK, Channel Bandwidth:10MHz					
Temperature (°C)	Voltage (V)	Test Result (MHz)		Limit (MHz)	
		FL	FH	FL	FH
-30	3.8	2555.187	2564.996	2555	2655
-20		2555.141	2564.956	2555	2655
-10		2555.179	2564.924	2555	2655
0		2555.154	2564.915	2555	2655
10		2555.103	2564.975	2555	2655
20		2555.111	2564.911	2555	2655
30		2555.190	2564.931	2555	2655
40		2555.142	2564.947	2555	2655
50		2555.140	2564.964	2555	2655
20		3.42	2555.093	2564.974	2555
20	4.18	2555.092	2564.976	2555	2655

16QAM, Channel Bandwidth:10MHz					
Temperature (°C)	Voltage (V)	Test Result (MHz)		Limit (MHz)	
		FL	FH	FL	FH
-30	3.8	2555.173	2654.902	2555	2655
-20		2555.125	2654.934	2555	2655
-10		2555.184	2654.993	2555	2655
0		2555.172	2654.905	2555	2655
10		2555.111	2654.958	2555	2655
20		2555.173	2654.948	2555	2655
30		2555.105	2654.999	2555	2655
40		2555.131	2654.932	2555	2655
50		2555.105	2654.998	2555	2655
20		3.42	2555.162	2654.990	2555
20	4.18	2555.182	2654.936	2555	2655

Photographs of the Test Setup

Radiated emission



Photographs of the EUT

See the APPENDIX 1: EUT PHOTO in the report No.: MTi19081312-9E1-1.

----END OF REPORT----