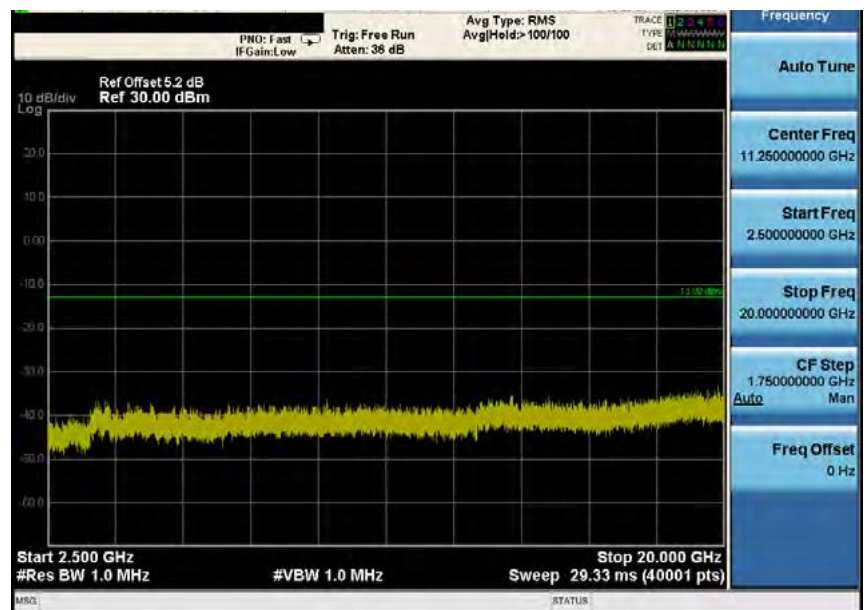


LTE Band 2 (Channel Bandwidth: 20 MHz) _ QPSK

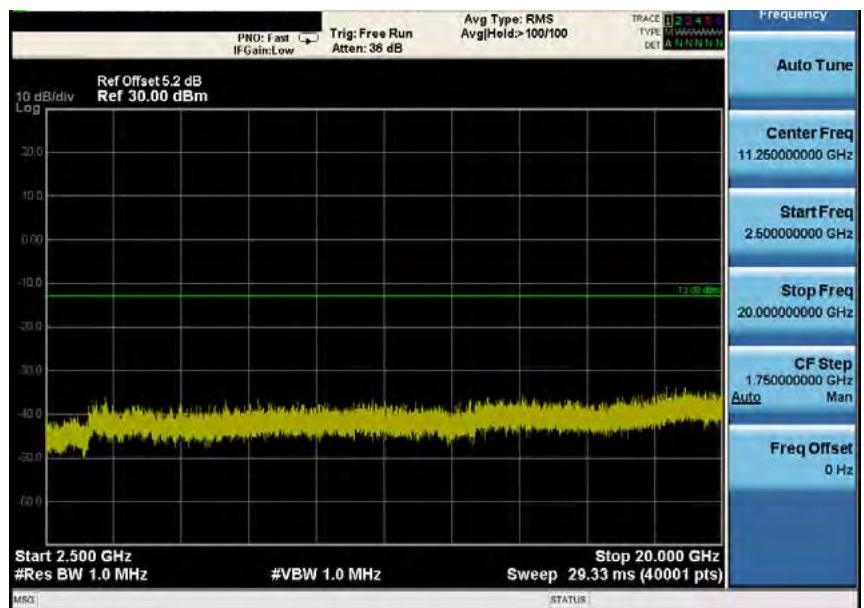
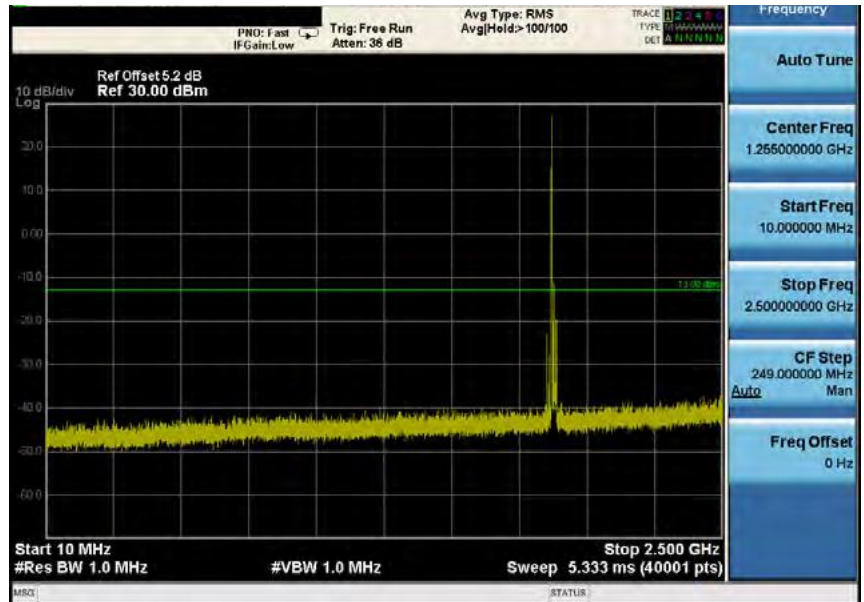
1860.0 MHz





LTE Band 2 (Channel Bandwidth: 20 MHz) _ QPSK

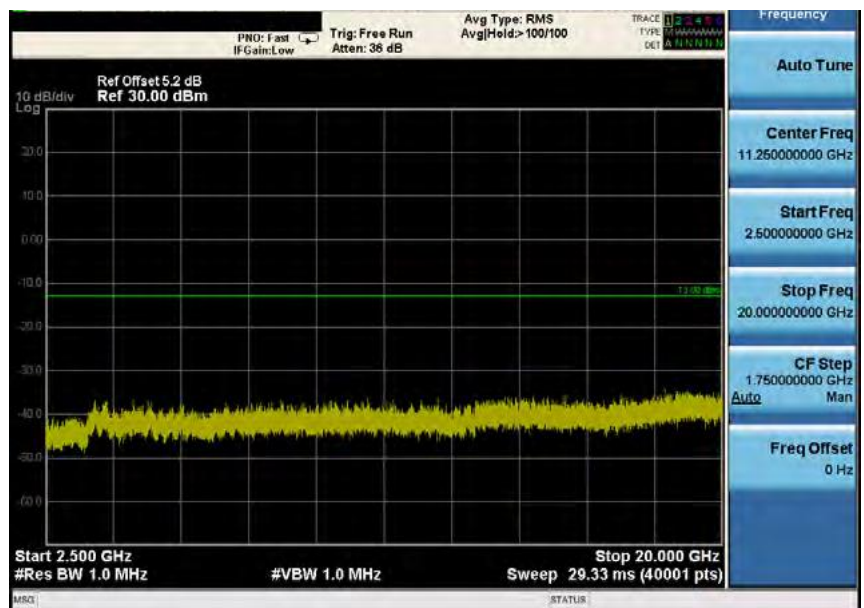
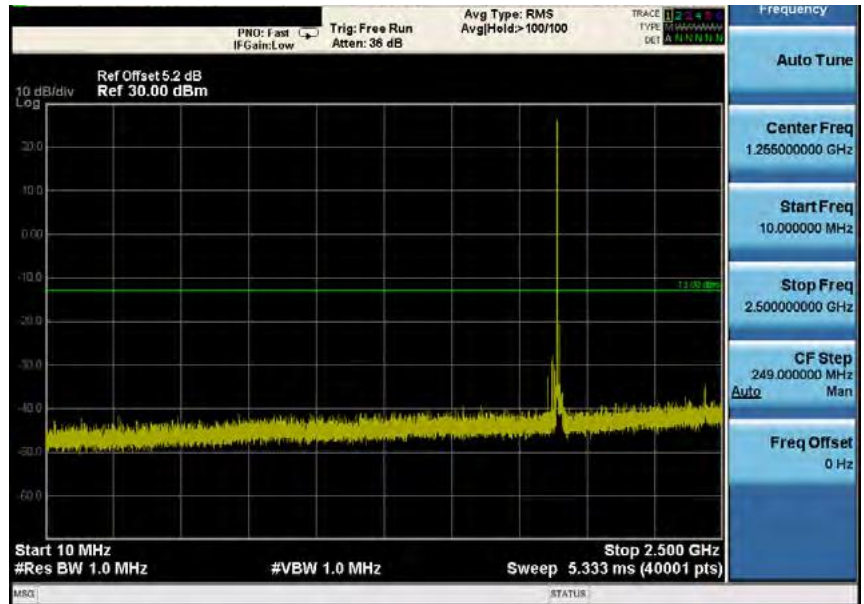
1880.0 MHz





LTE Band 2 (Channel Bandwidth: 20 MHz) _ QPSK

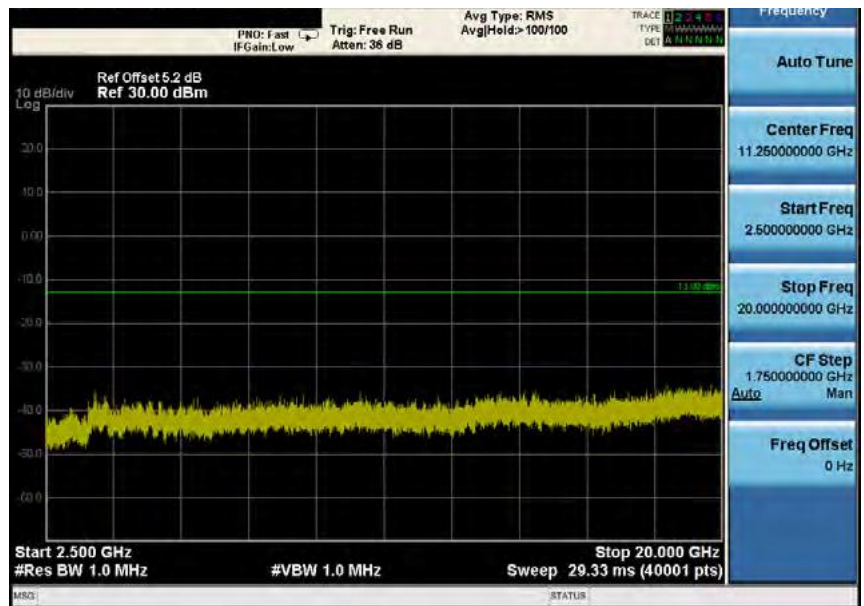
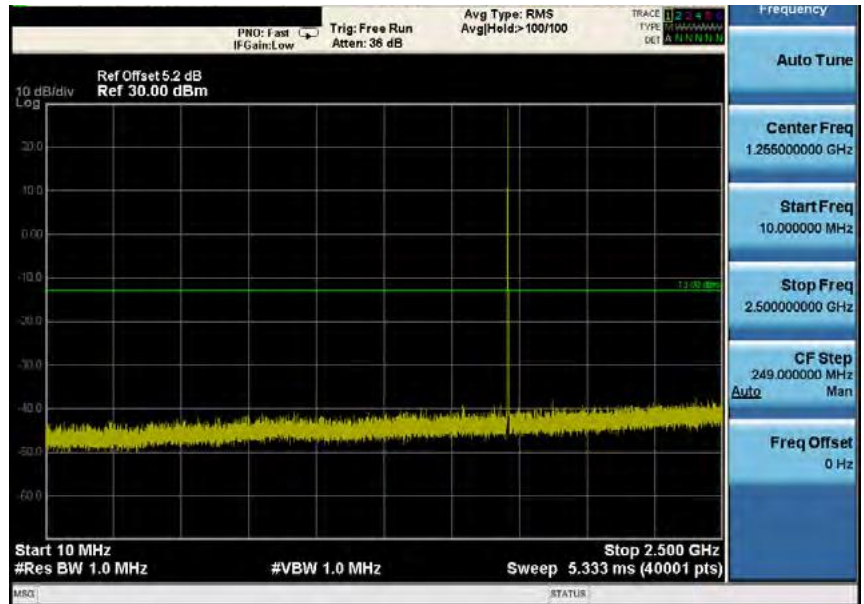
1900.0 MHz

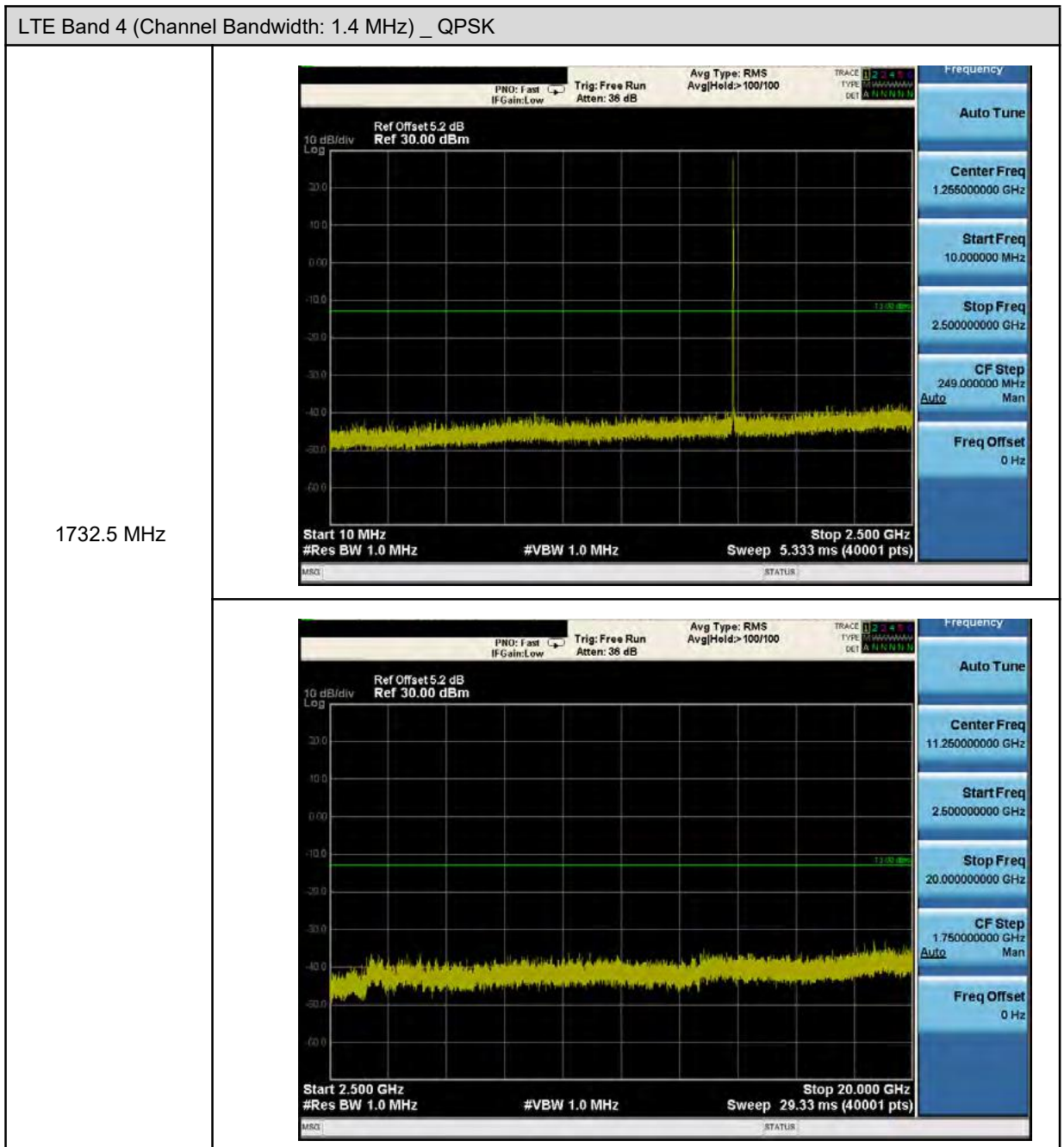


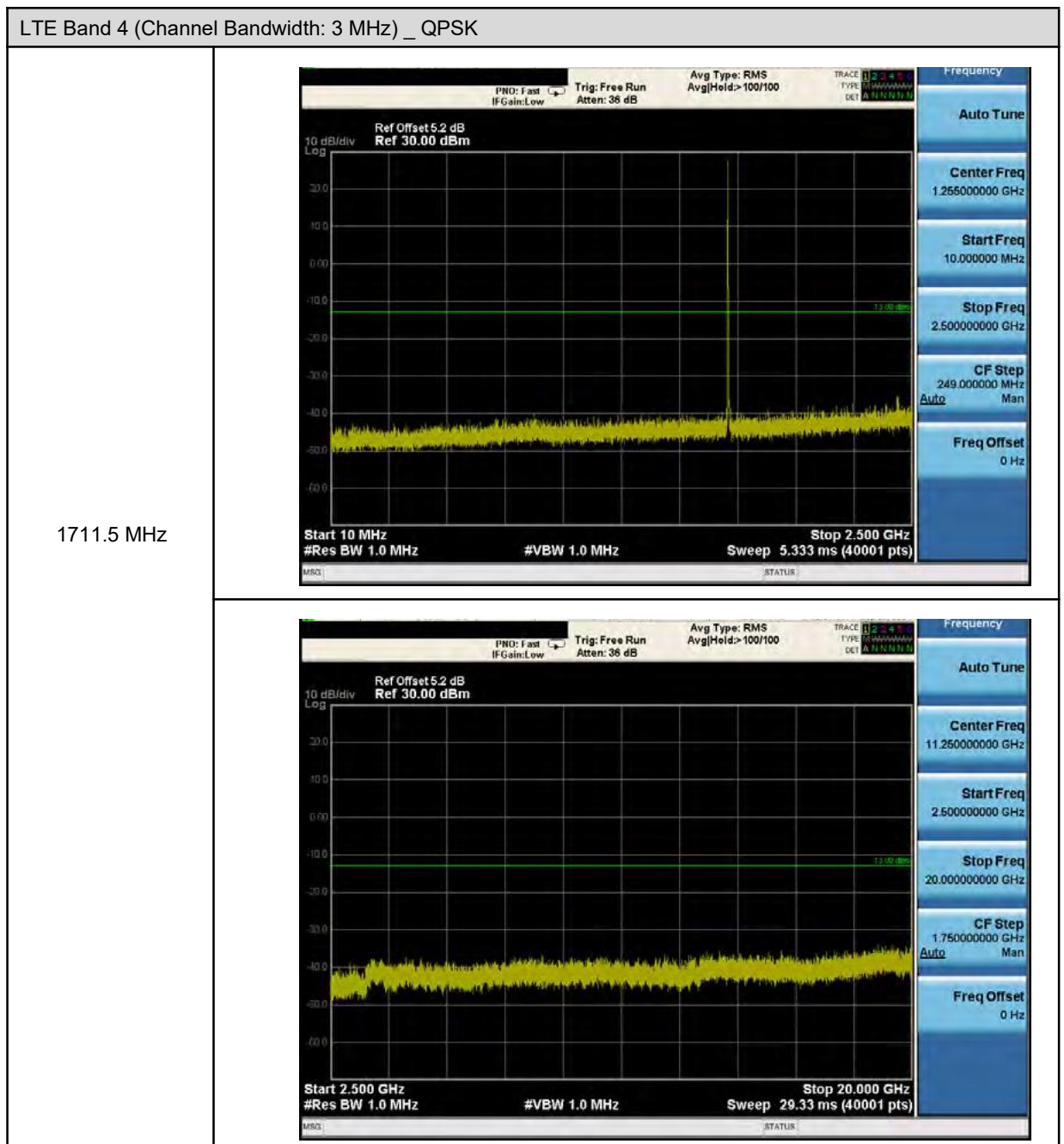
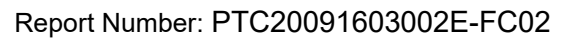


LTE Band 4 (Channel Bandwidth: 1.4 MHz) _ QPSK

1710.7 MHz



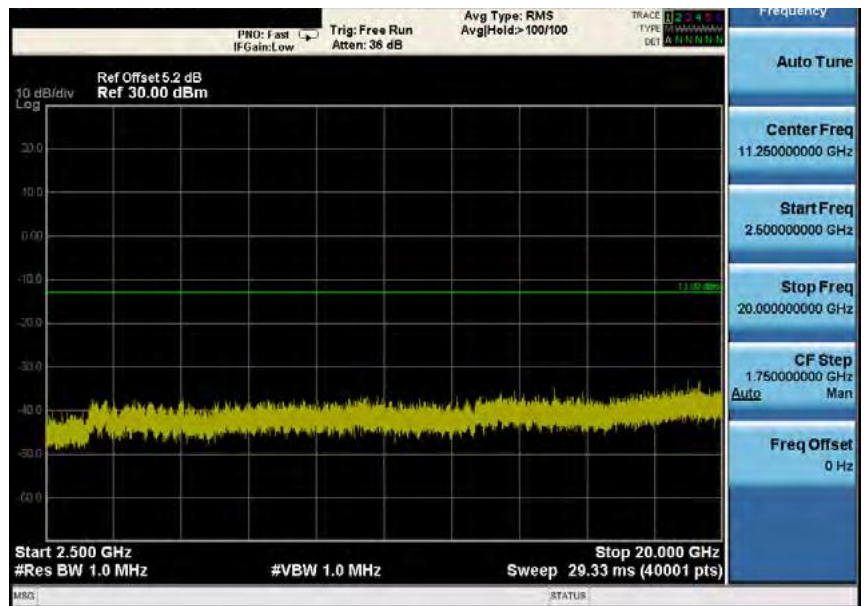
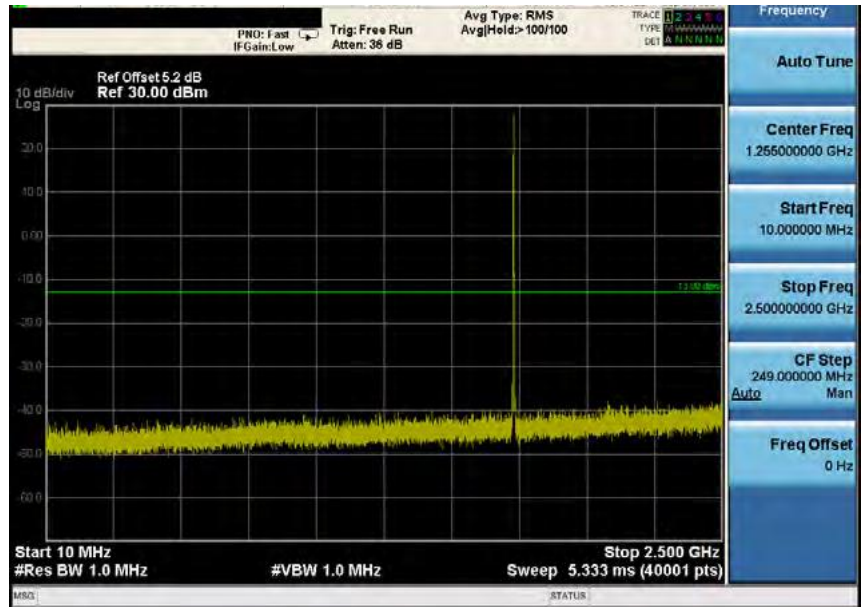






LTE Band 4 (Channel Bandwidth: 3 MHz) _ QPSK

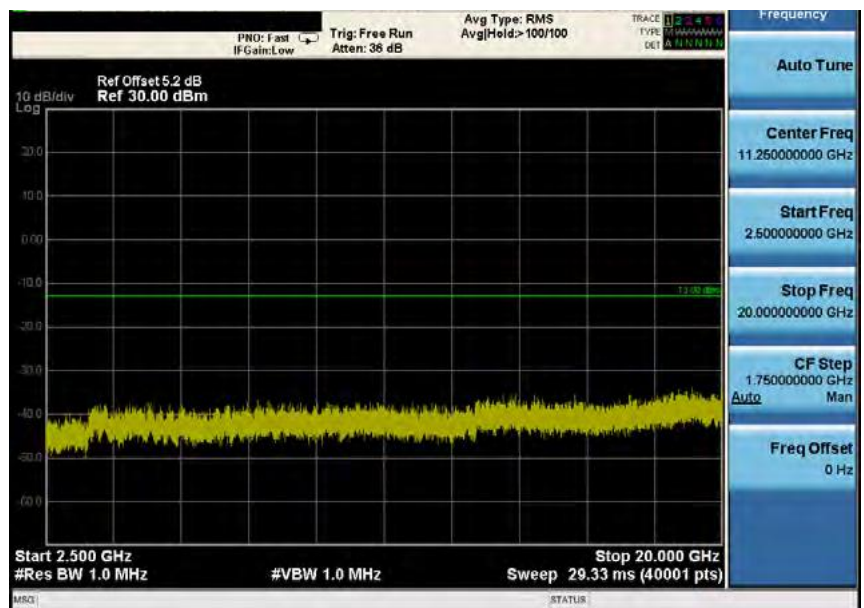
1732.5 MHz





LTE Band 4 (Channel Bandwidth: 3 MHz) _ QPSK

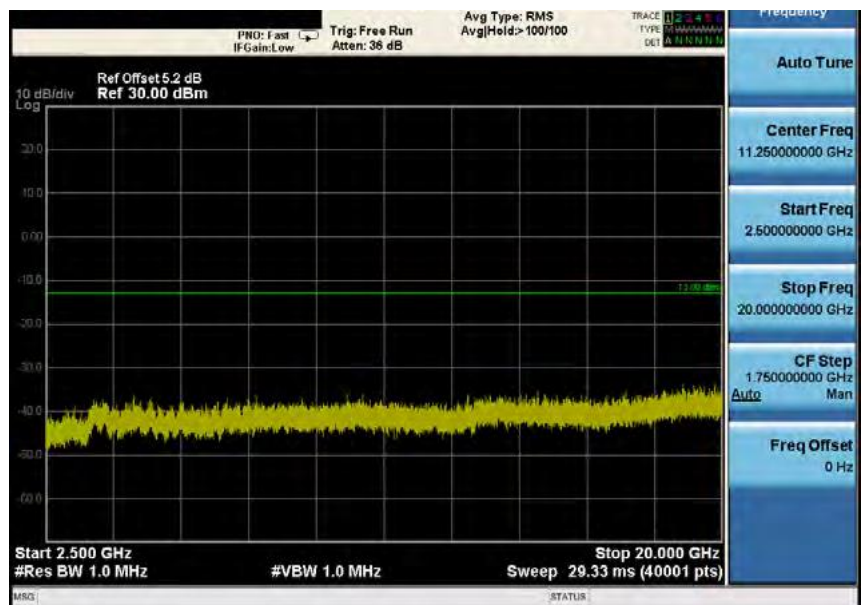
1753.5 MHz





LTE Band 4 (Channel Bandwidth: 5 MHz) _ QPSK

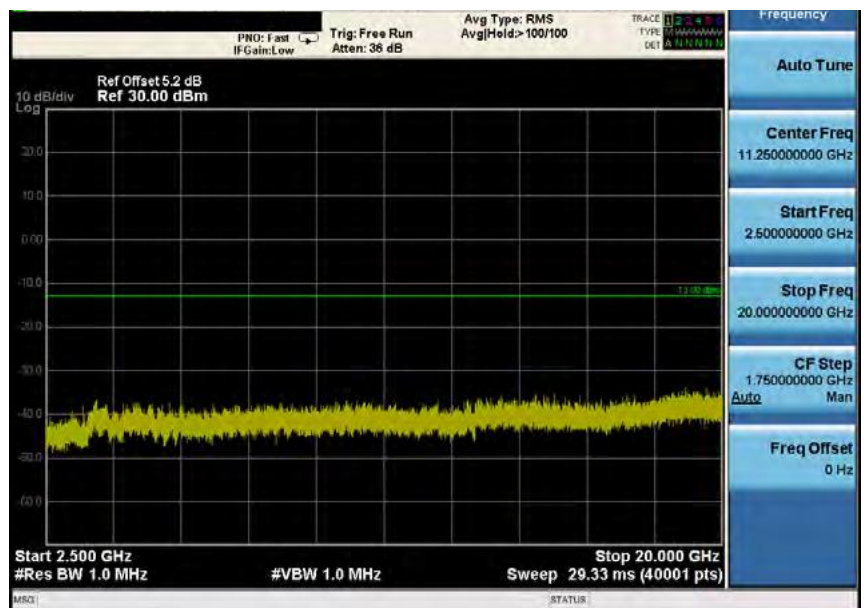
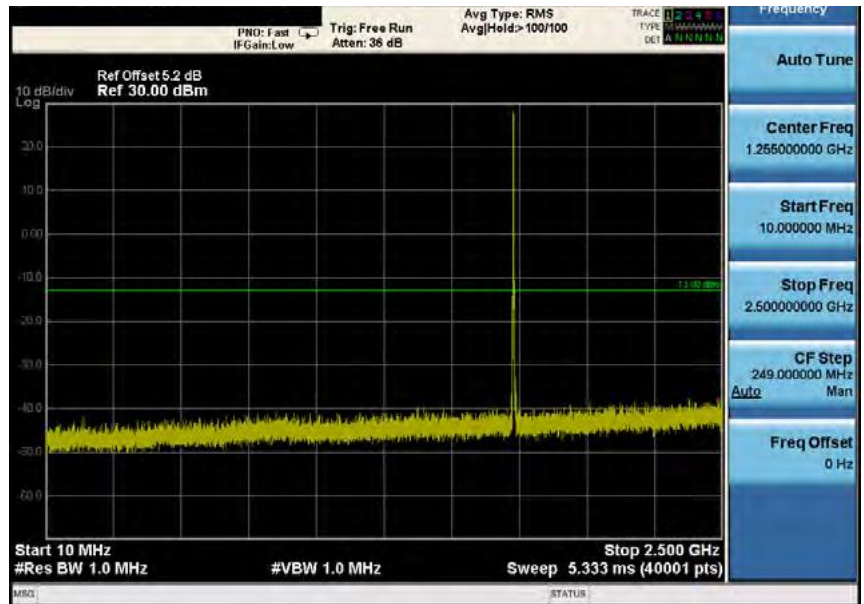
1712.5 MHz

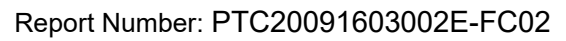




LTE Band 4 (Channel Bandwidth: 5 MHz) _ QPSK

1732.5 MHz

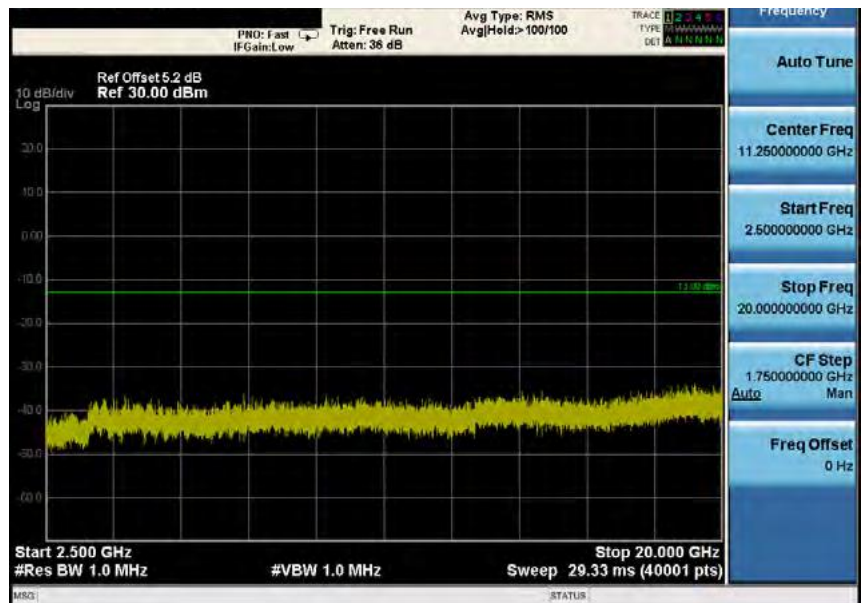






LTE Band 4 (Channel Bandwidth: 10 MHz) _ QPSK

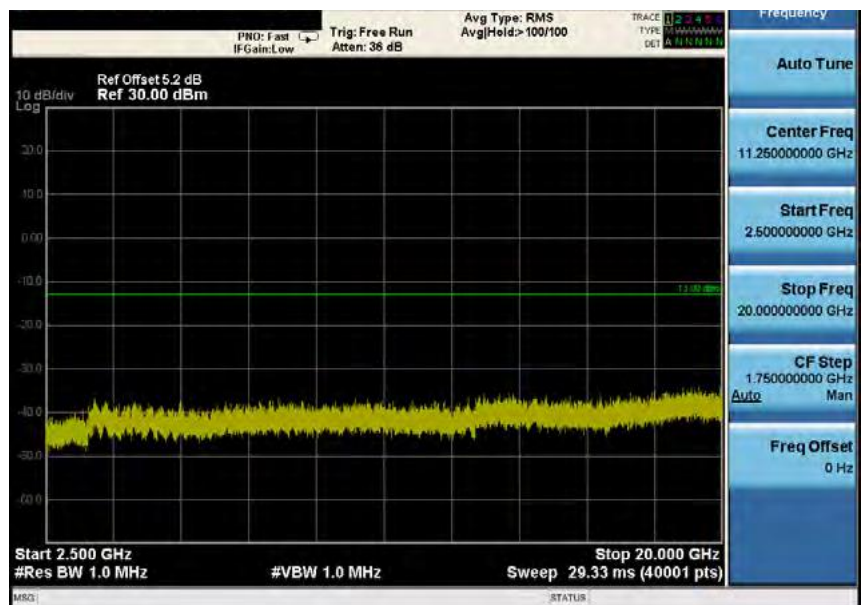
1715.0 MHz





LTE Band 4 (Channel Bandwidth: 10 MHz) _ QPSK

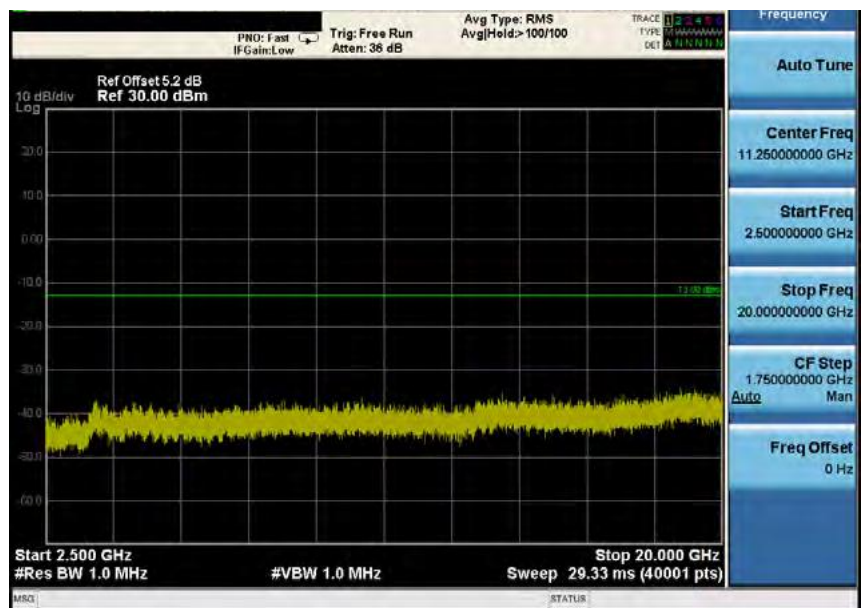
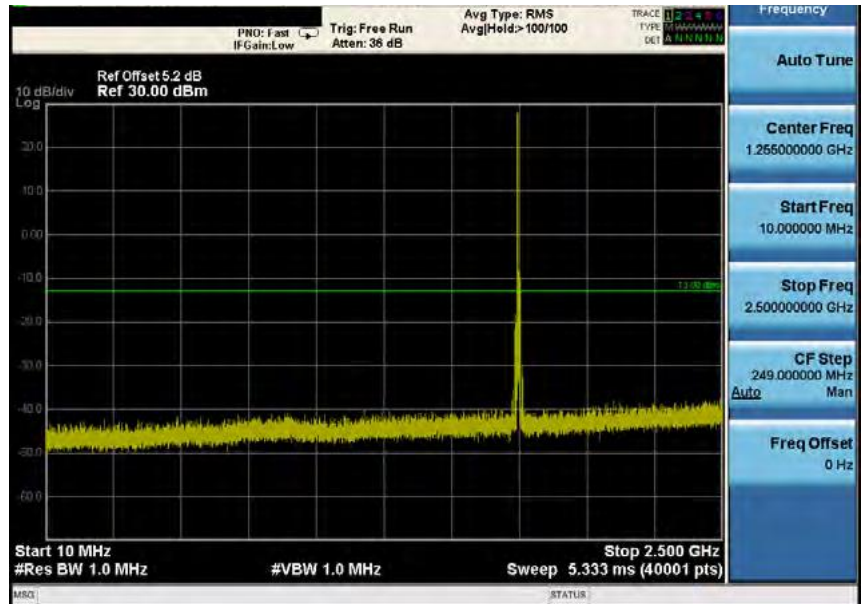
1732.5 MHz

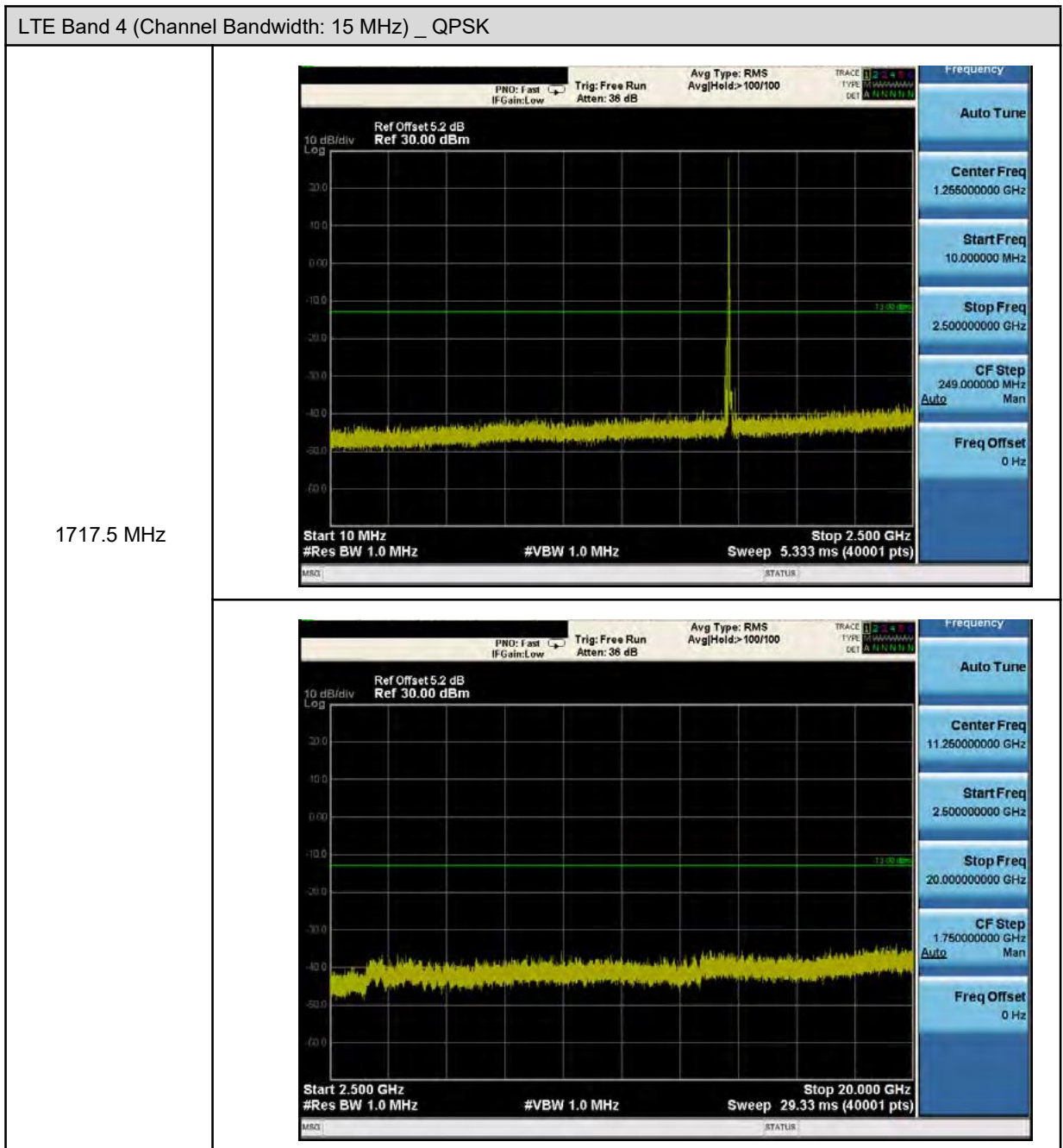




LTE Band 4 (Channel Bandwidth: 10 MHz) _ QPSK

1750.0 MHz

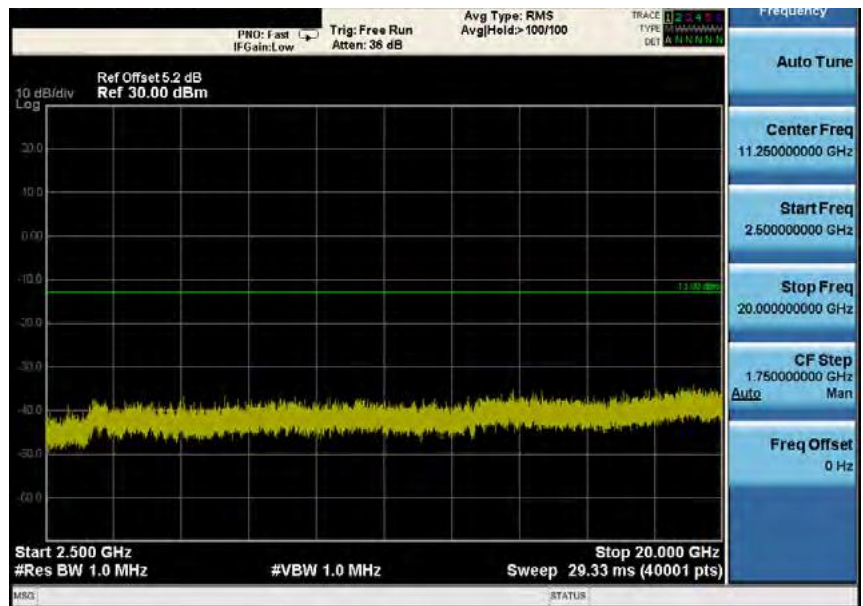
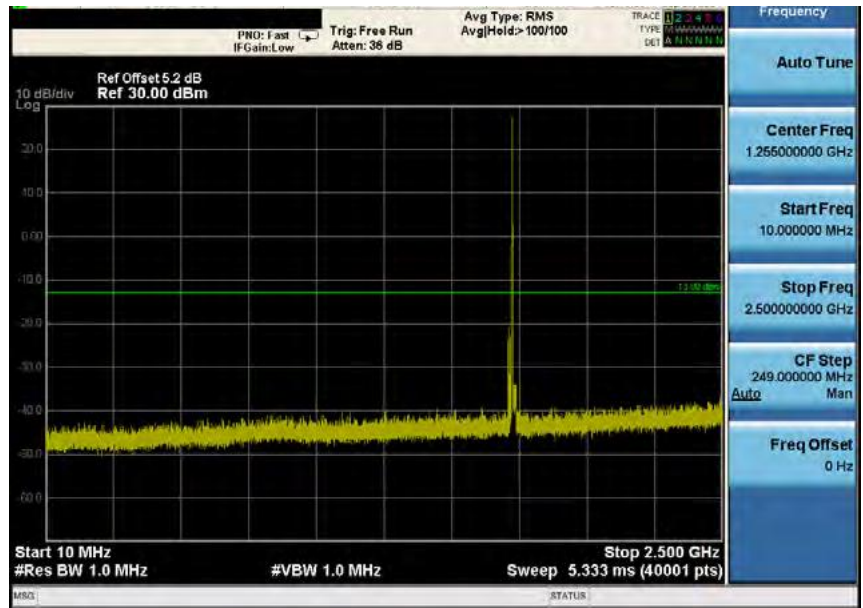






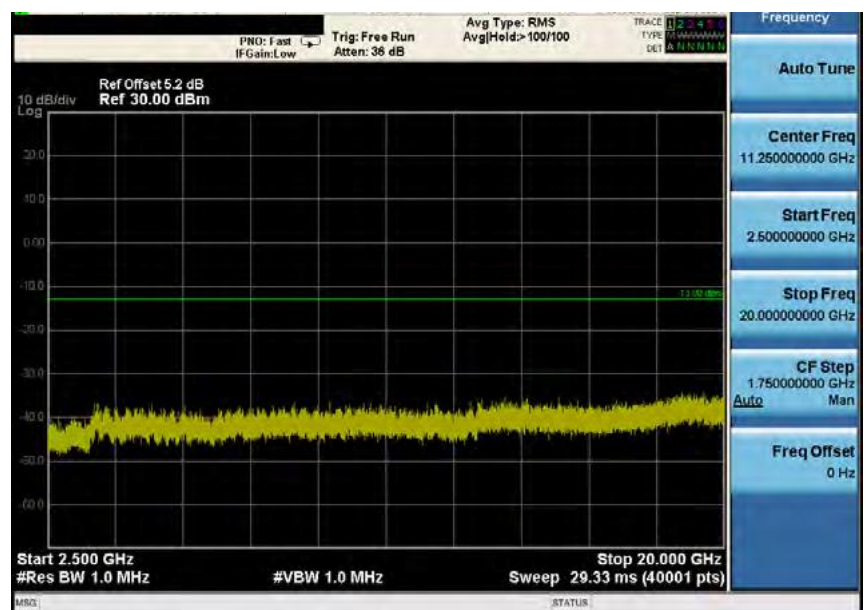
LTE Band 4 (Channel Bandwidth: 15 MHz) _ QPSK

1732.5 MHz



LTE Band 4 (Channel Bandwidth: 15 MHz) _ QPSK

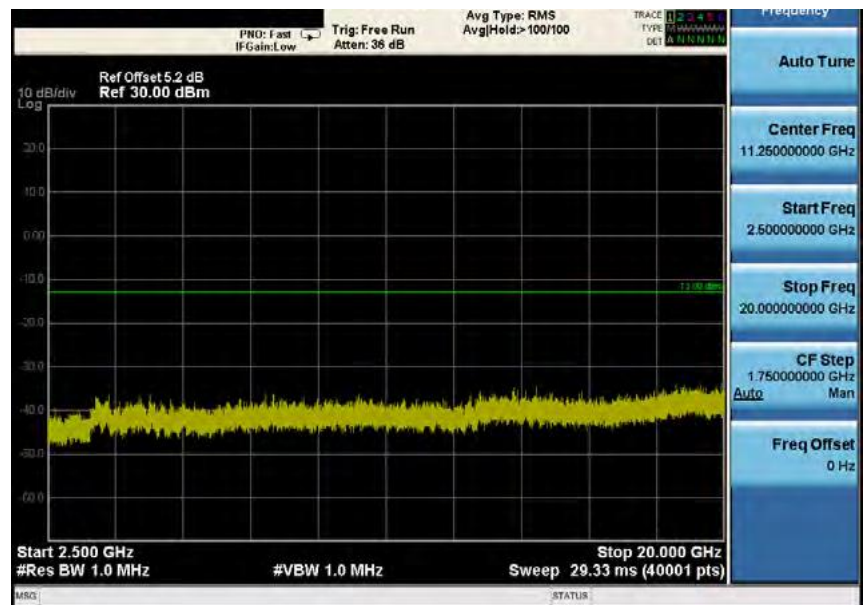
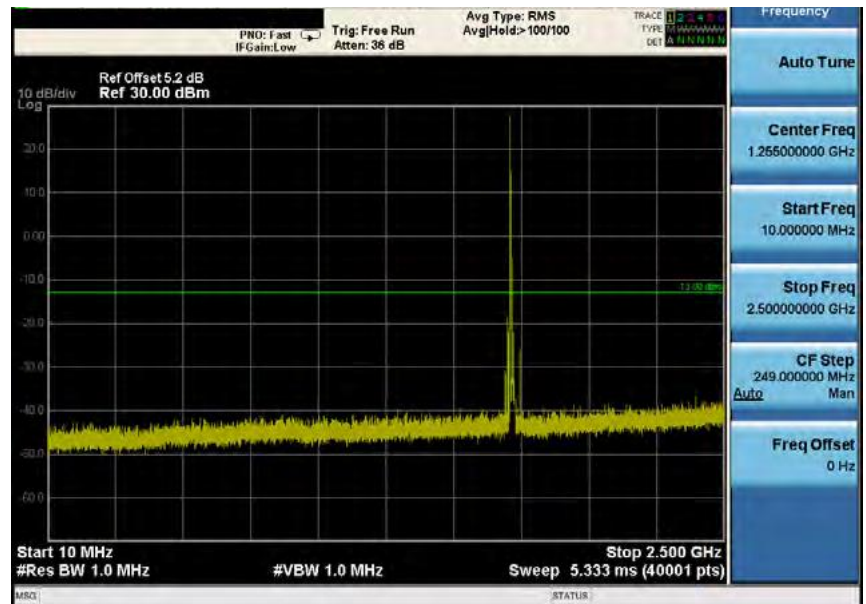
1747.5 MHz





LTE Band 4 (Channel Bandwidth: 20 MHz) _ QPSK

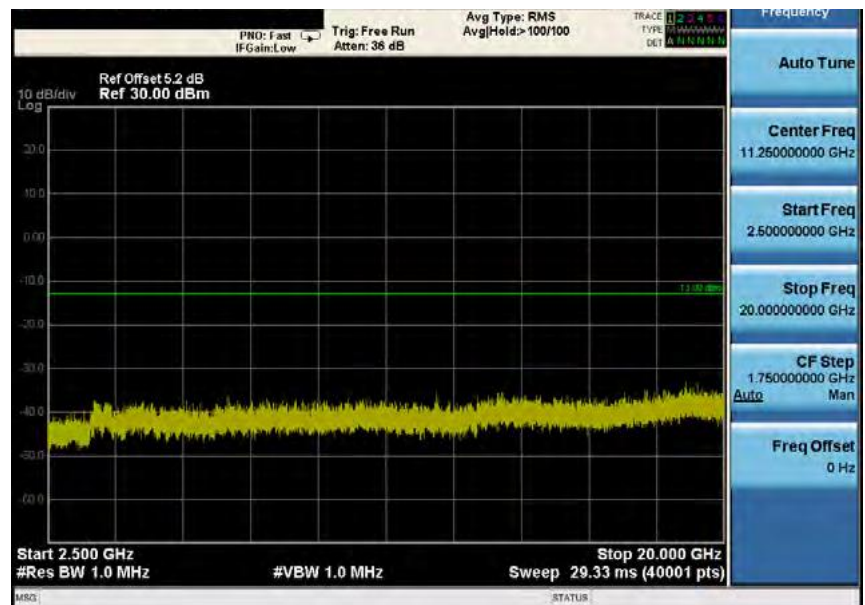
1720.0 MHz





LTE Band 4 (Channel Bandwidth: 20 MHz) _ QPSK

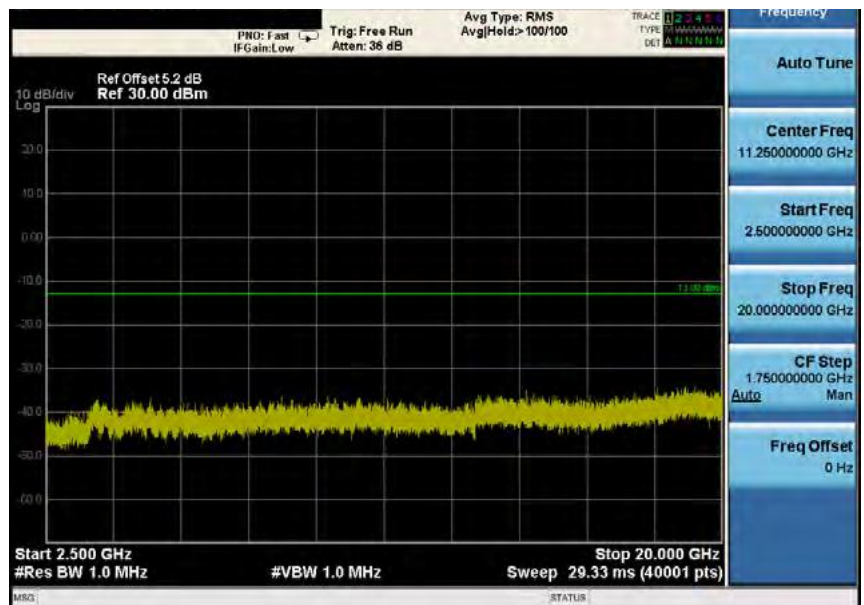
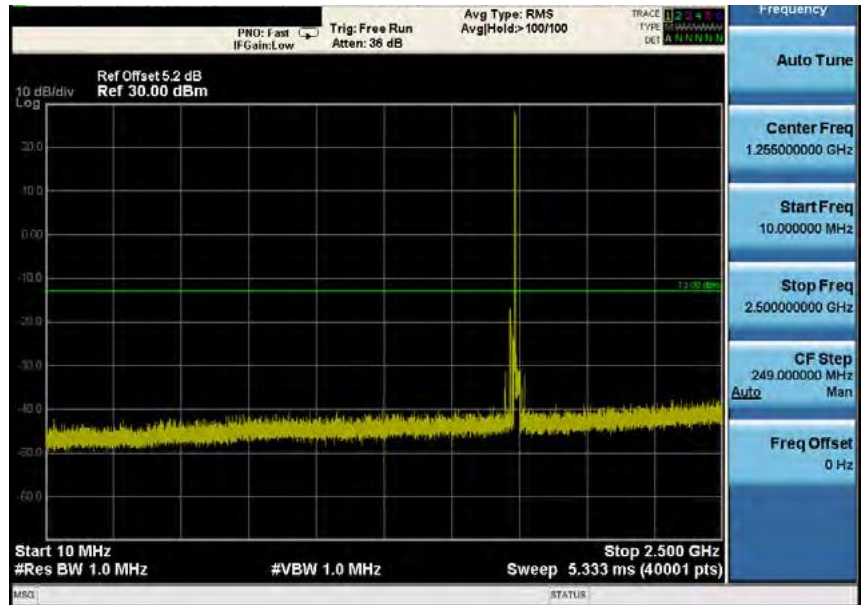
1732.5 MHz





LTE Band 4 (Channel Bandwidth: 20 MHz) _ QPSK

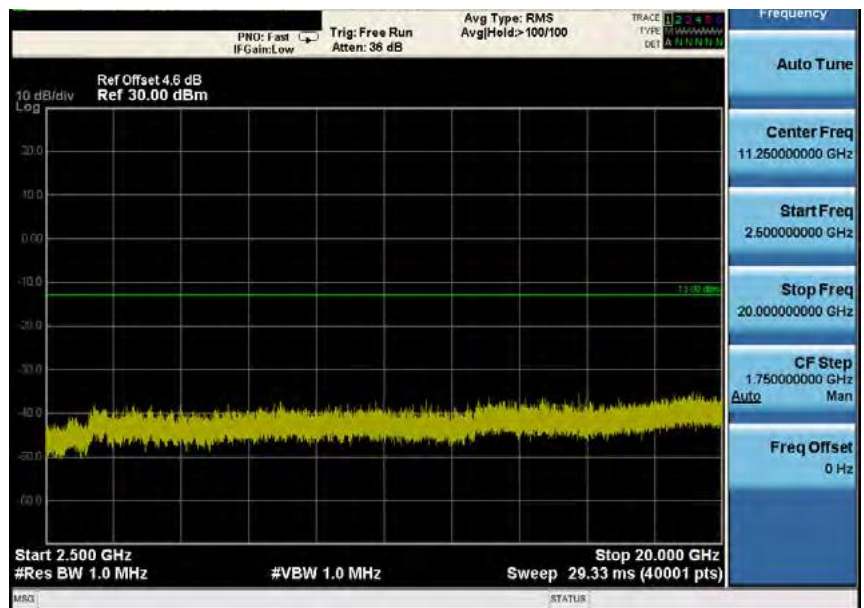
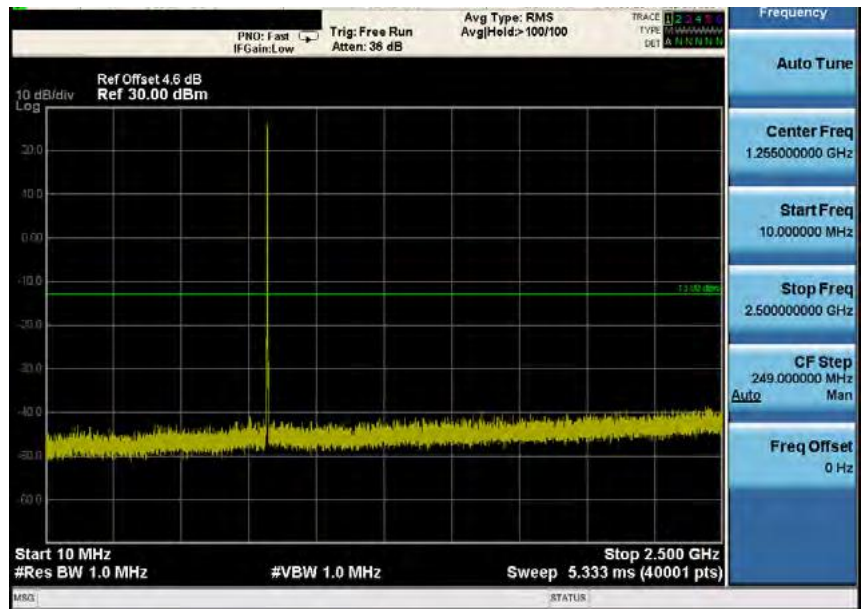
1745.0 MHz

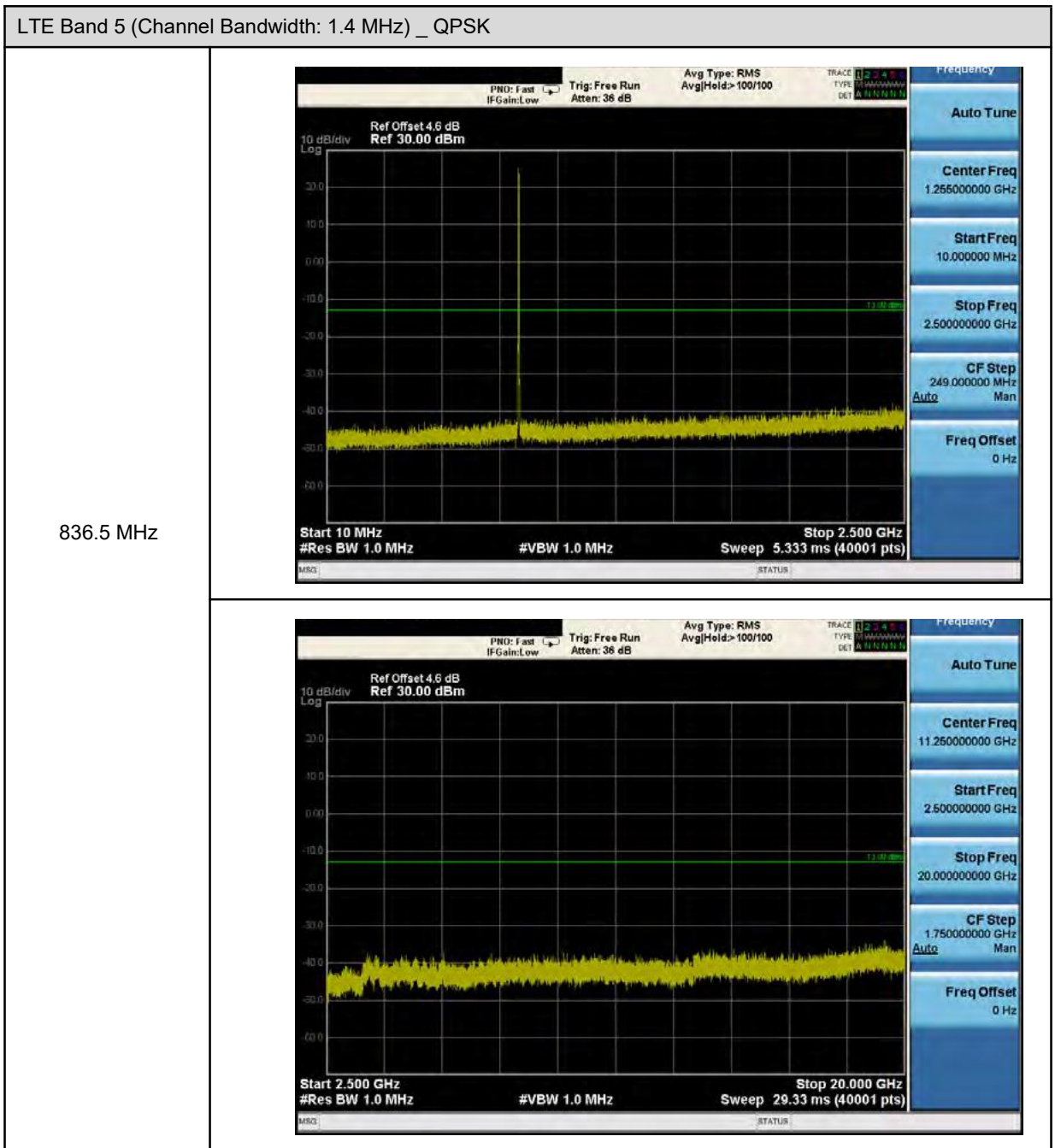




LTE Band 5 (Channel Bandwidth: 1.4 MHz) _ QPSK

824.7 MHz

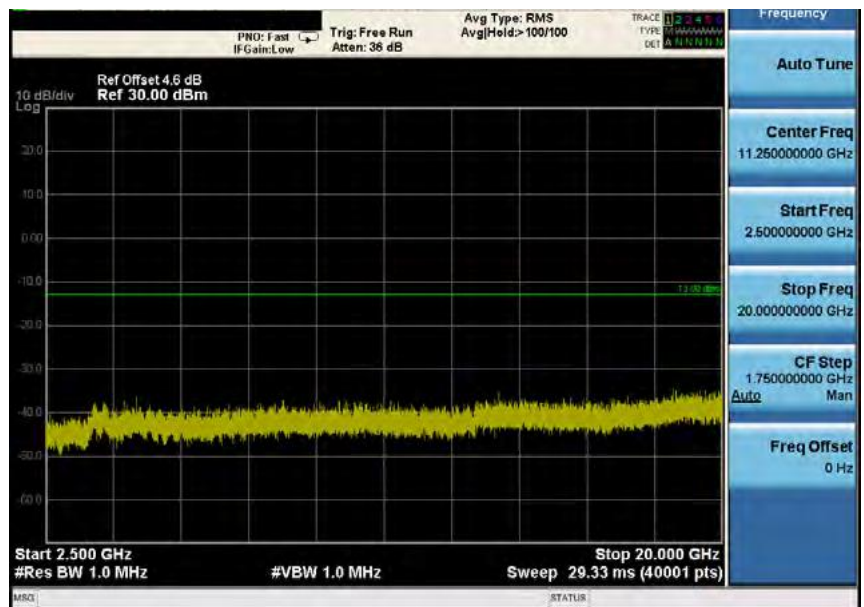
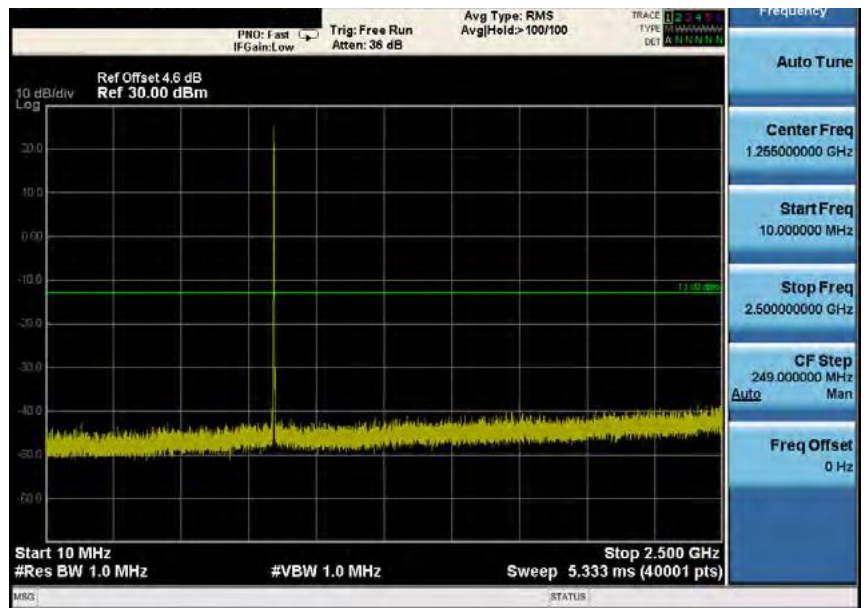






LTE Band 5 (Channel Bandwidth: 1.4 MHz) _ QPSK

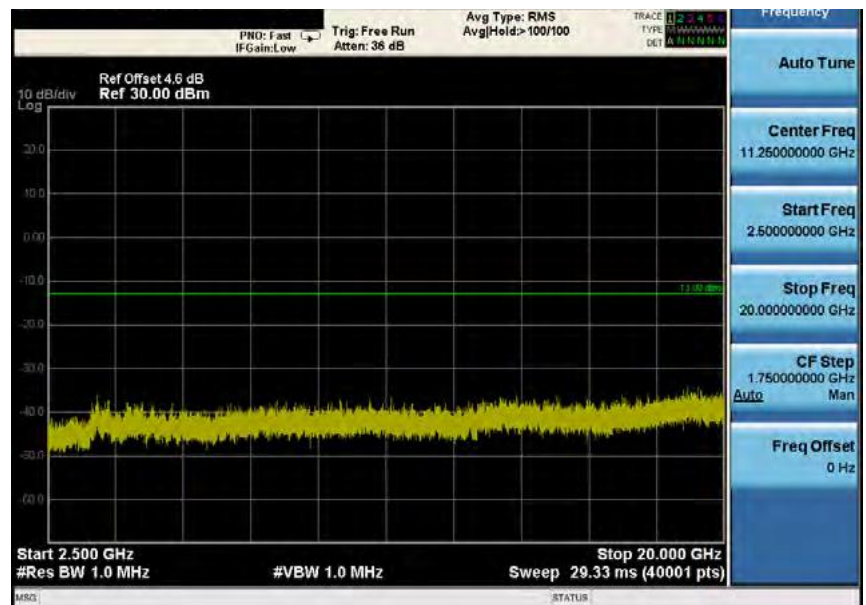
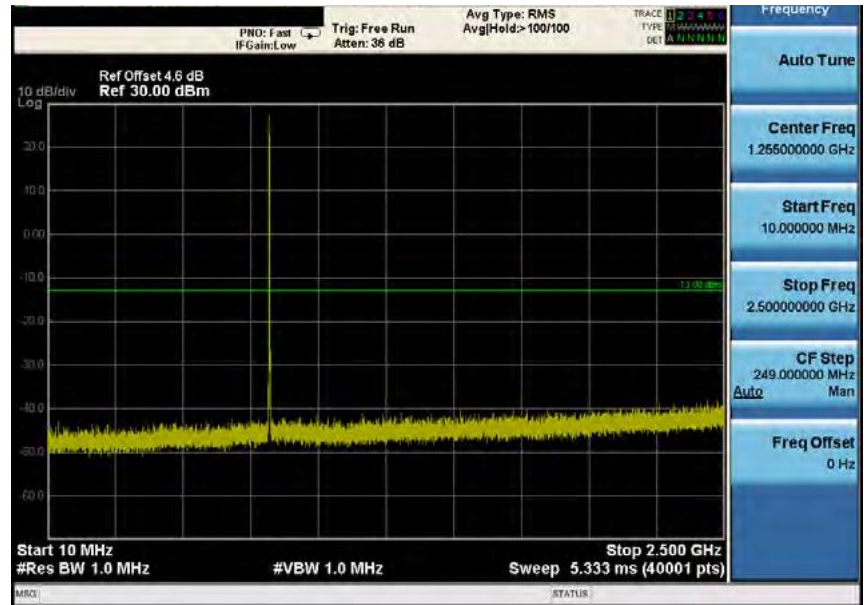
848.3 MHz

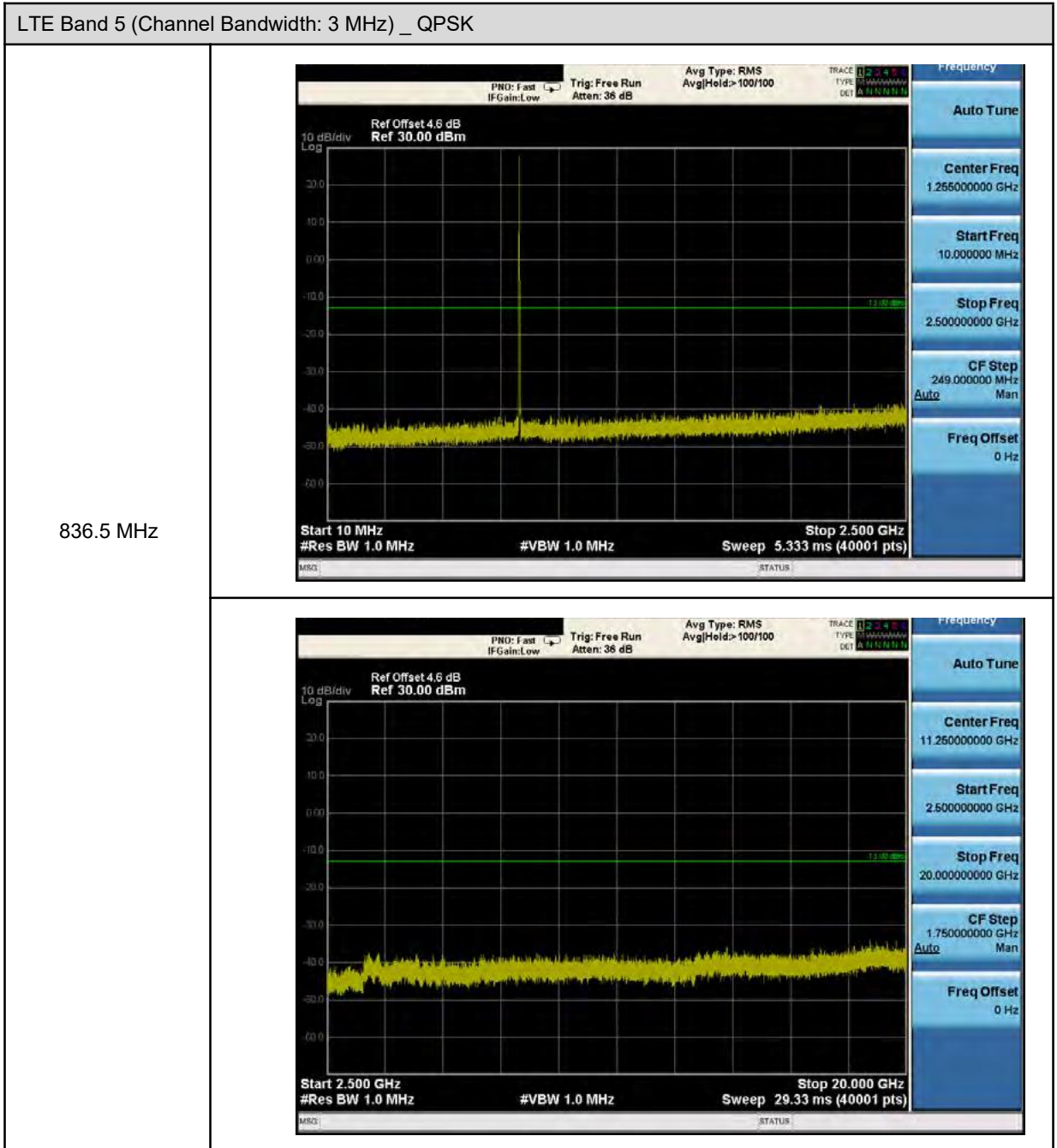




LTE Band 5 (Channel Bandwidth: 3 MHz) _ QPSK

826.5 MHz

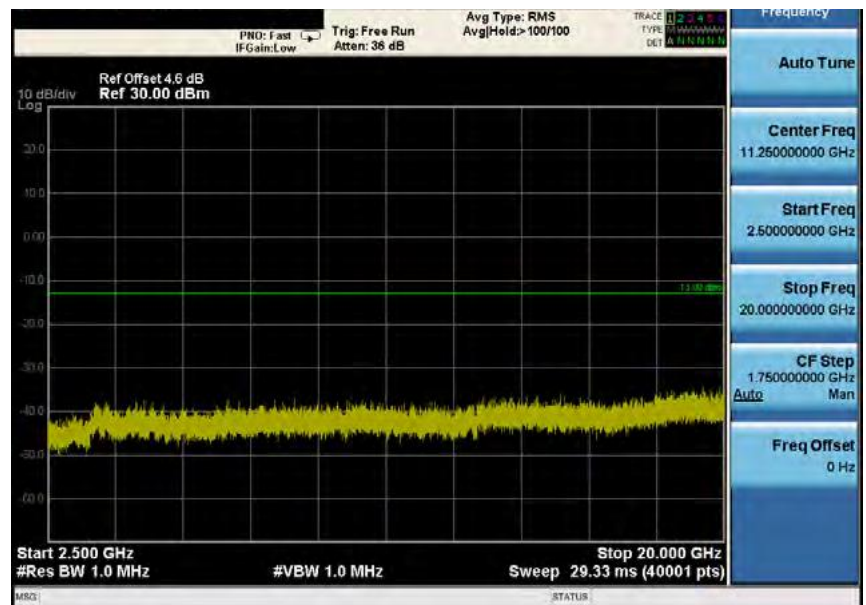
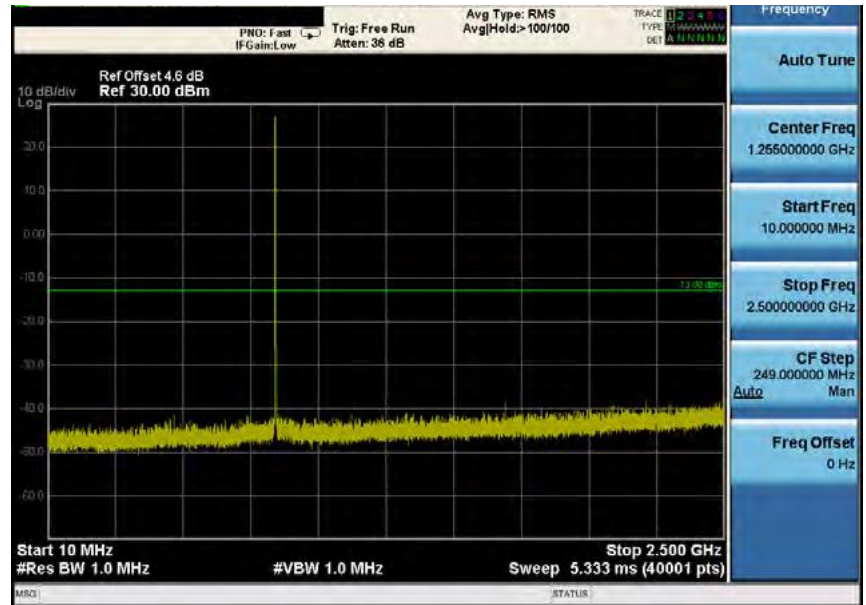


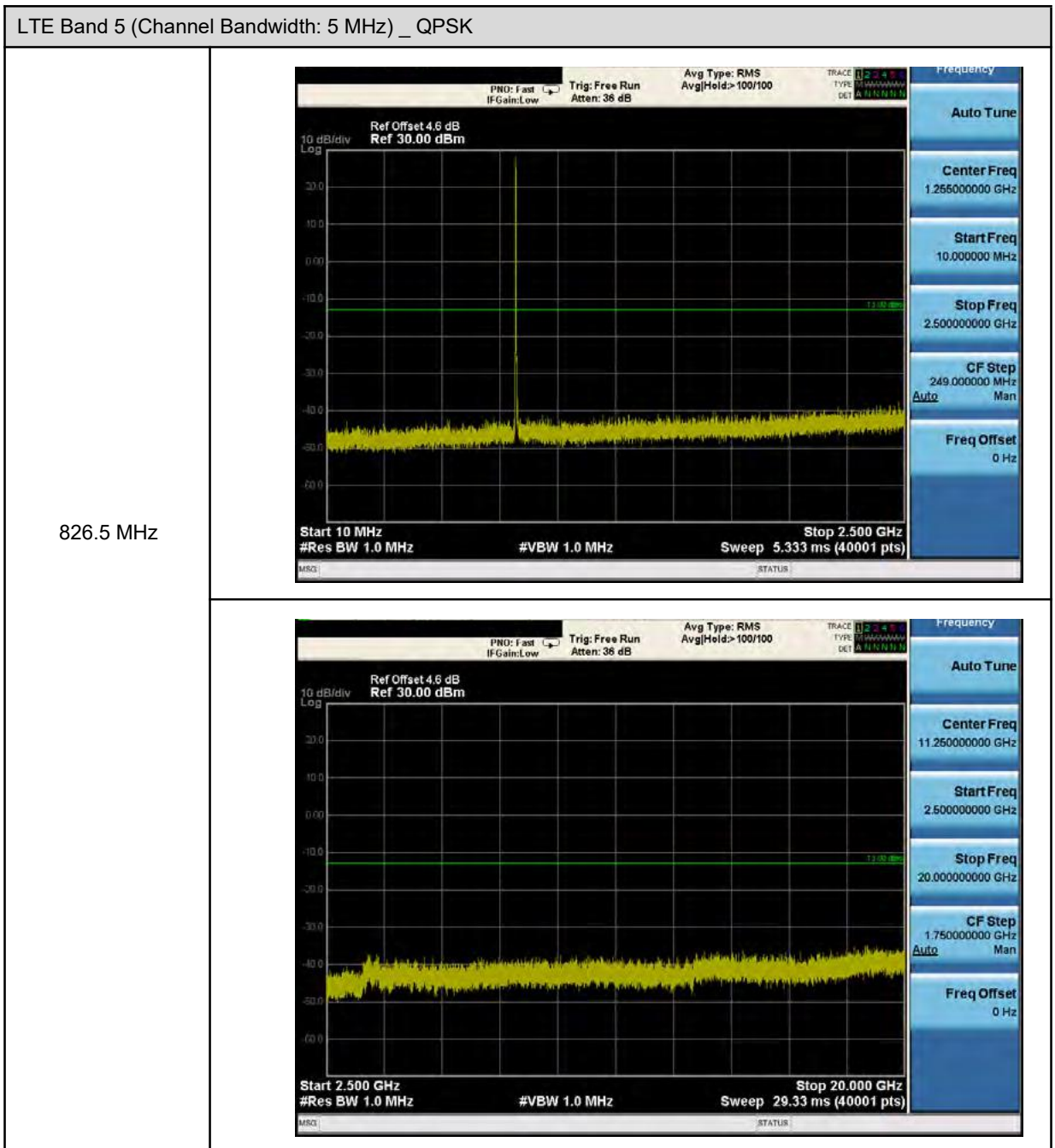


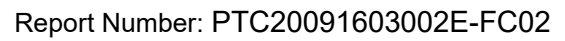


LTE Band 5 (Channel Bandwidth: 3 MHz) _ QPSK

847.5 MHz



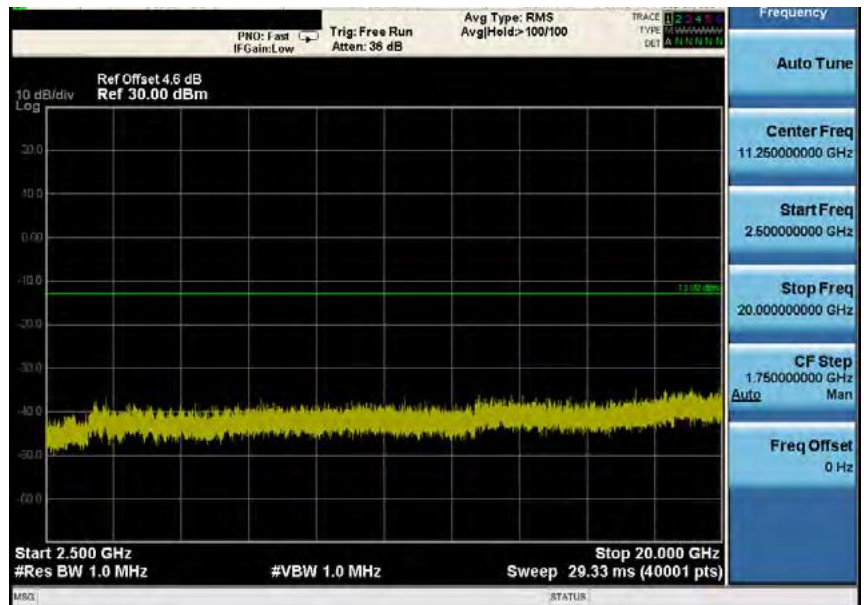






LTE Band 5 (Channel Bandwidth: 5 MHz) _ QPSK

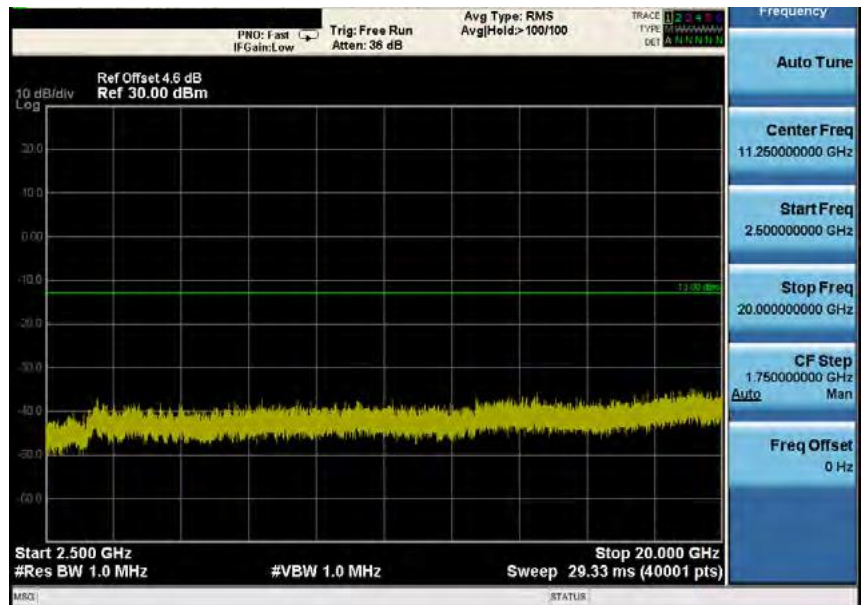
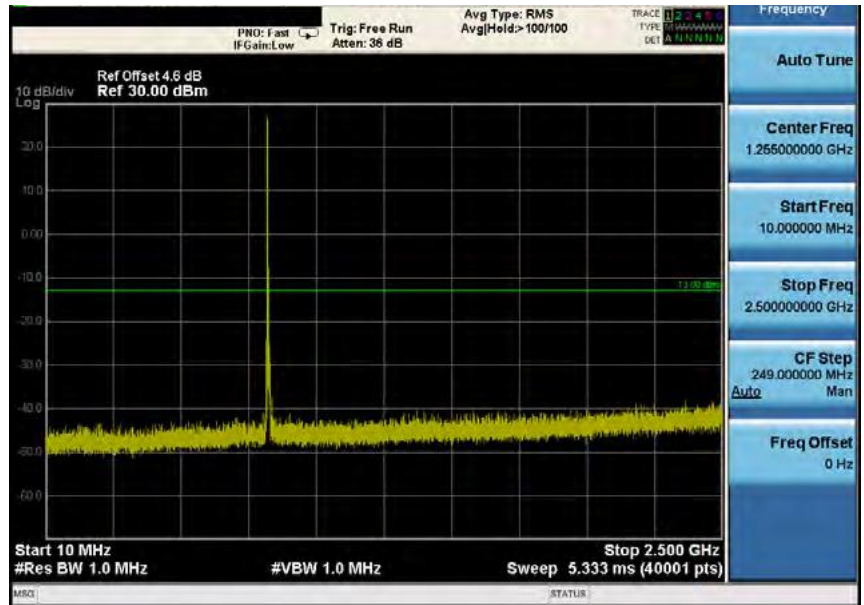
846.5 MHz





LTE Band 5 (Channel Bandwidth: 10 MHz) _ QPSK

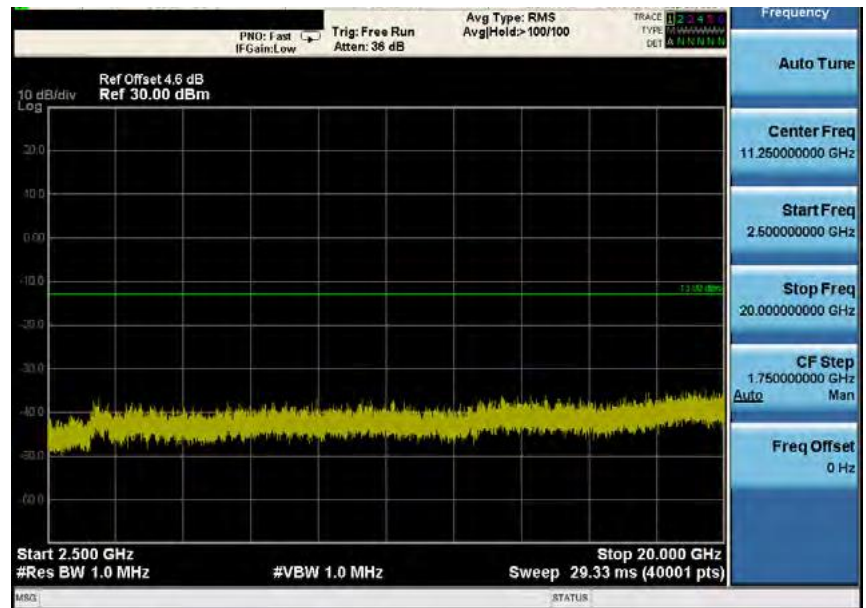
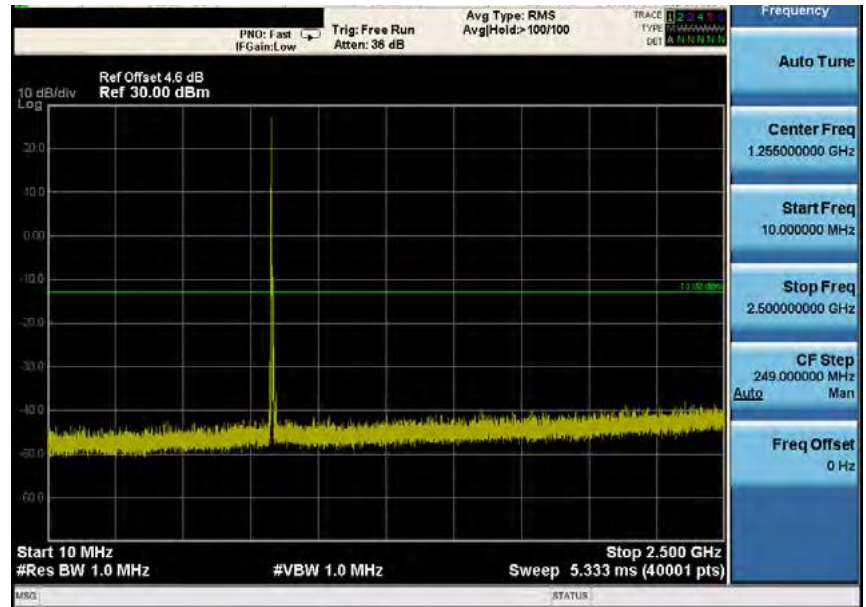
829.0 MHz

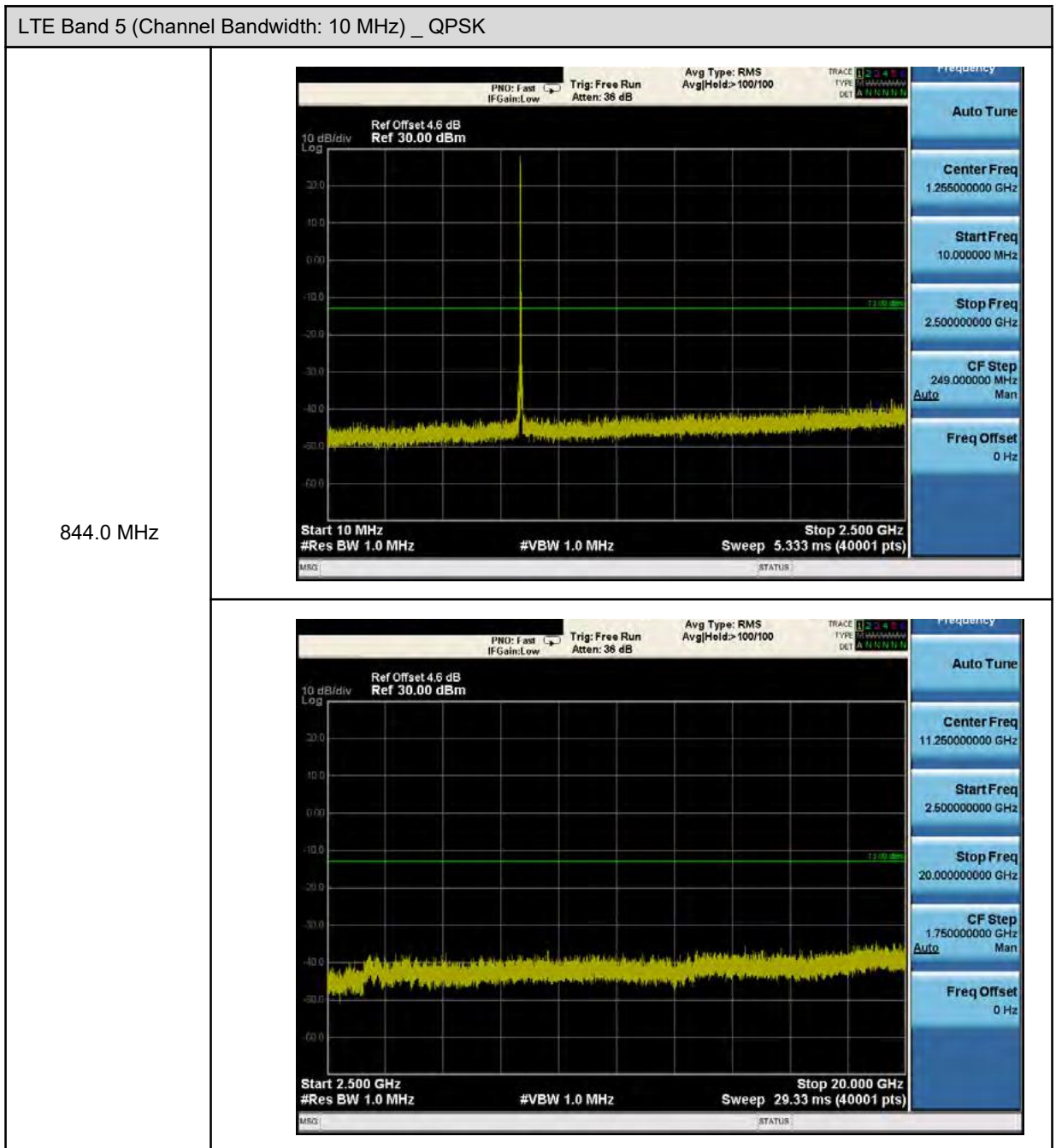




LTE Band 5 (Channel Bandwidth: 10 MHz) _ QPSK

836.5 MHz

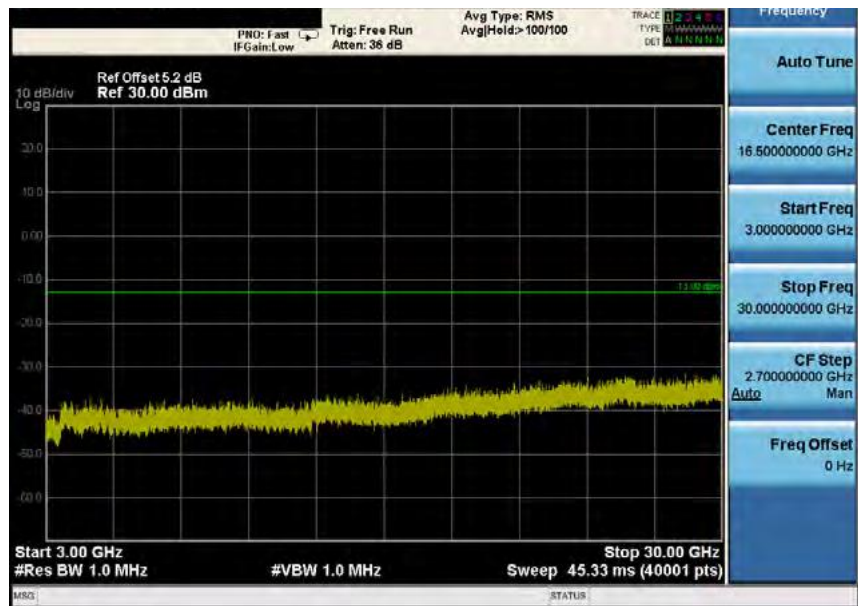
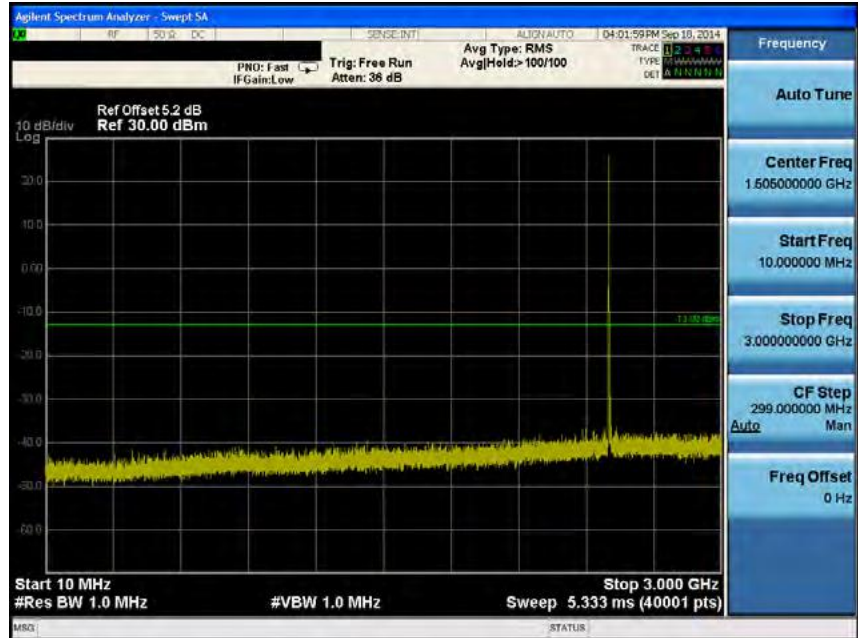






LTE Band 7 (Channel Bandwidth: 5 MHz) _ QPSK

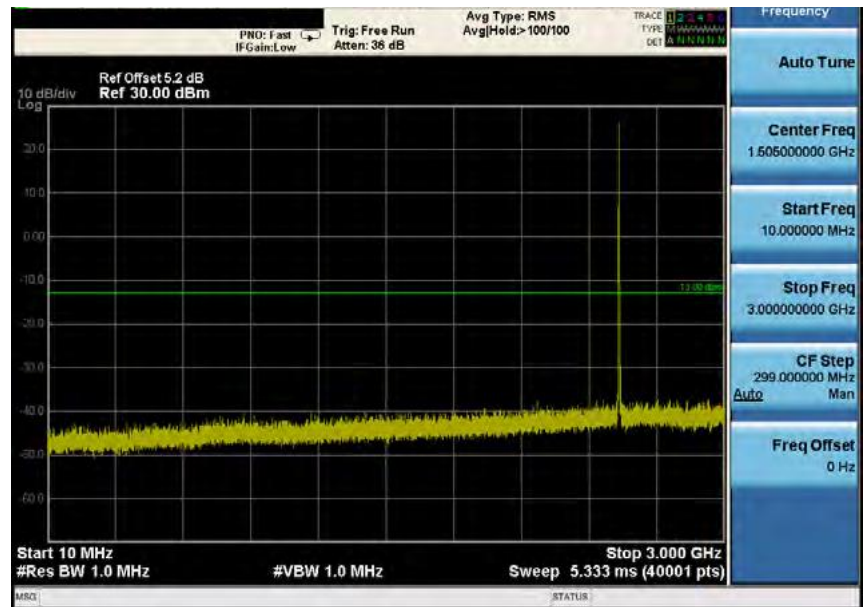
2502.5 MHz





LTE Band 7 (Channel Bandwidth: 5 MHz) _ QPSK

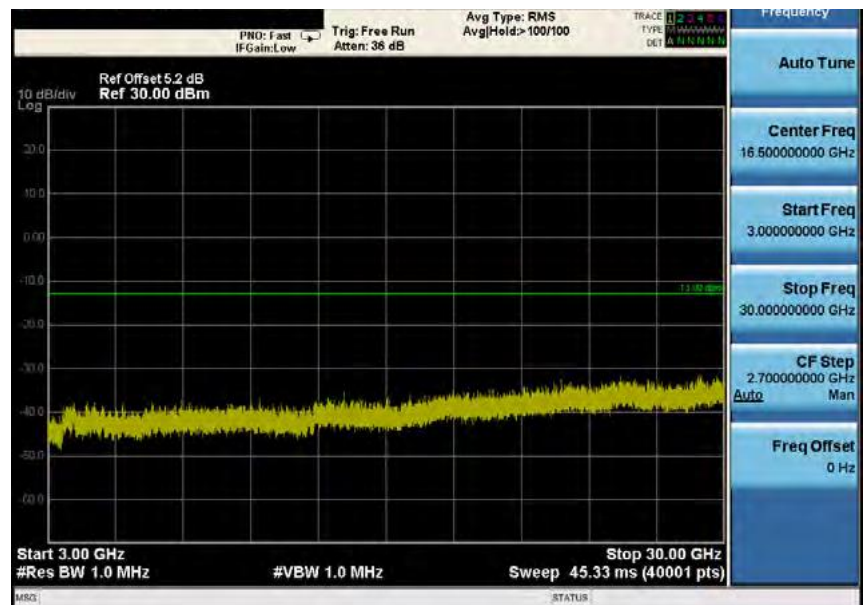
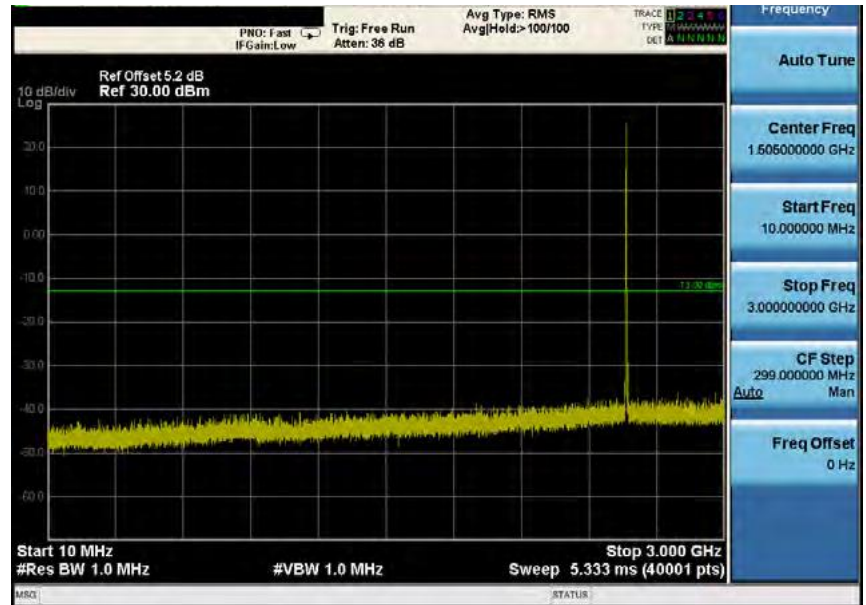
2535.0 MHz





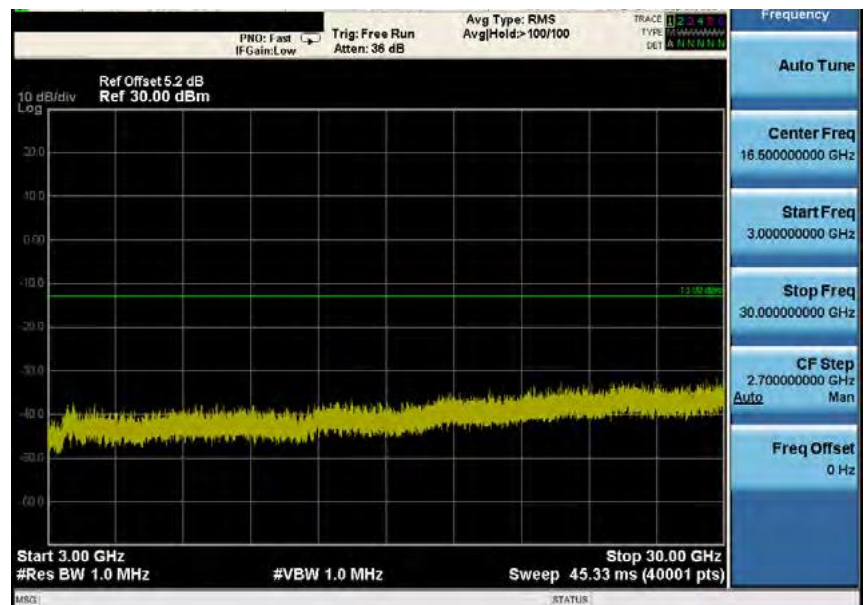
LTE Band 7 (Channel Bandwidth: 5 MHz) _ QPSK

2567.5 MHz



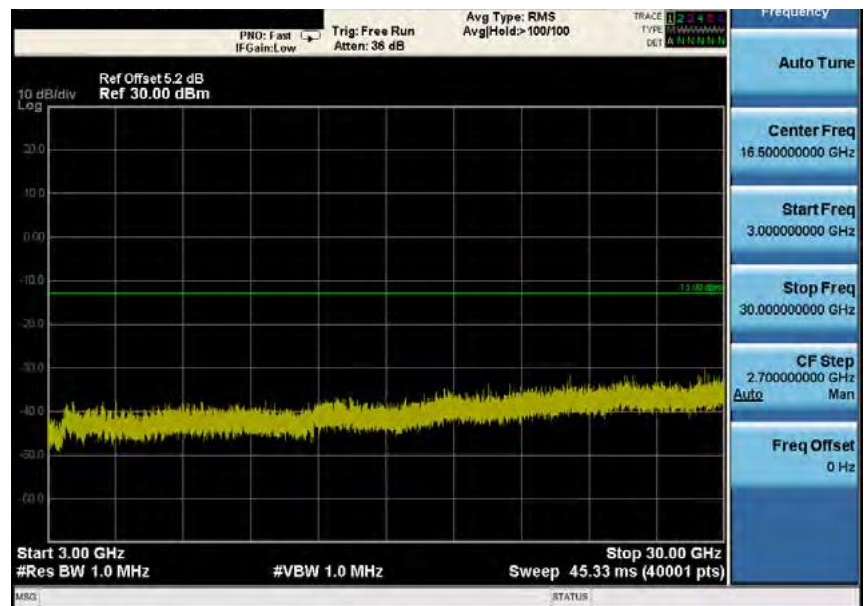
LTE Band 7 (Channel Bandwidth: 10 MHz) _ QPSK

2505.0 MHz



LTE Band 7 (Channel Bandwidth: 10 MHz) _ QPSK

2535.0 MHz



LTE Band 7 (Channel Bandwidth: 10 MHz) _ QPSK

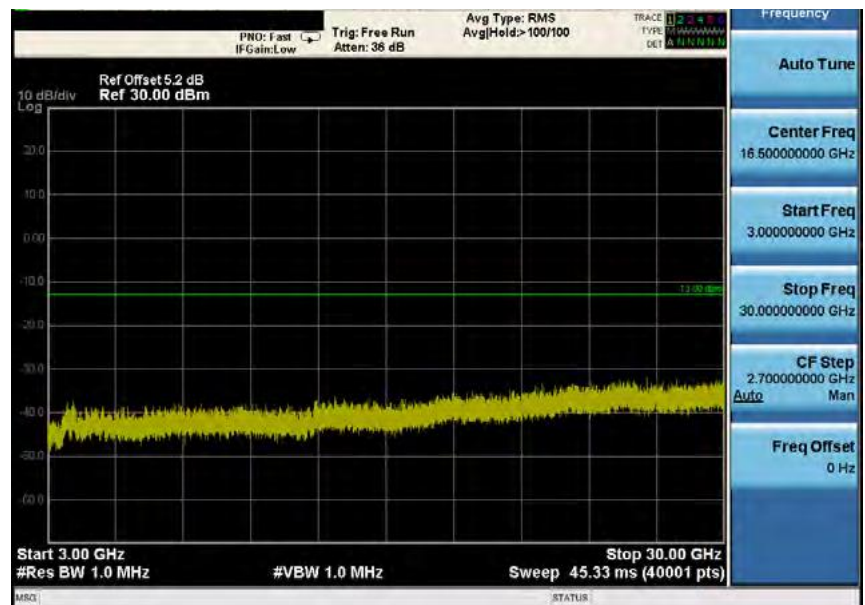
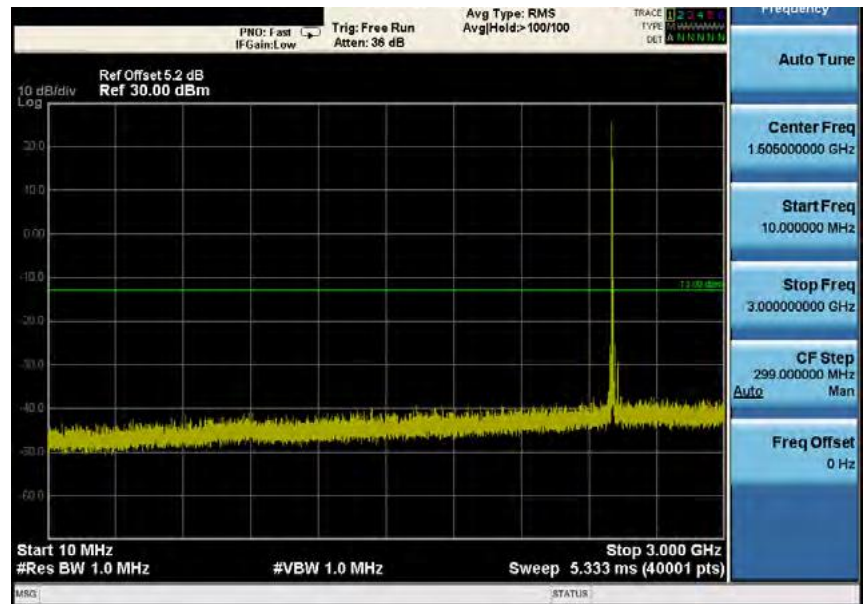
2565.0 MHz





LTE Band 7 (Channel Bandwidth: 15 MHz) _ QPSK

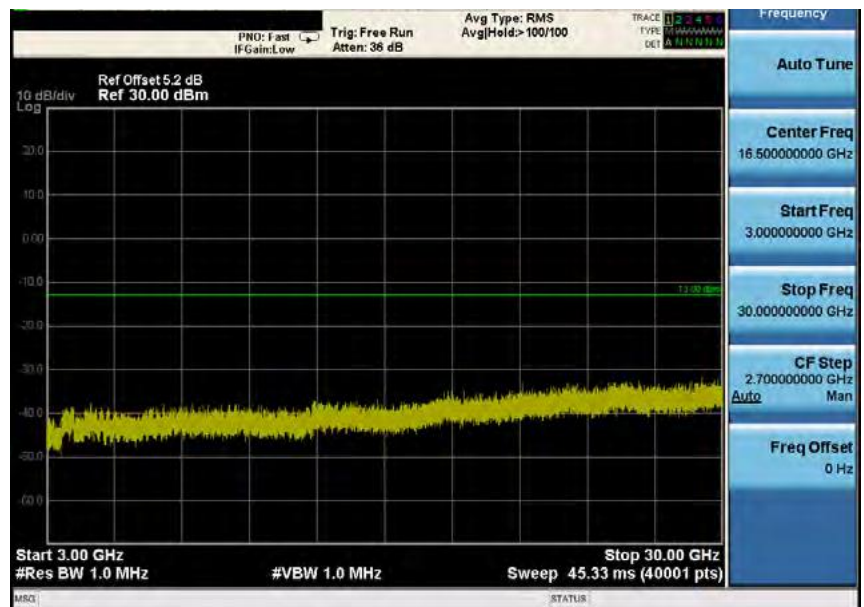
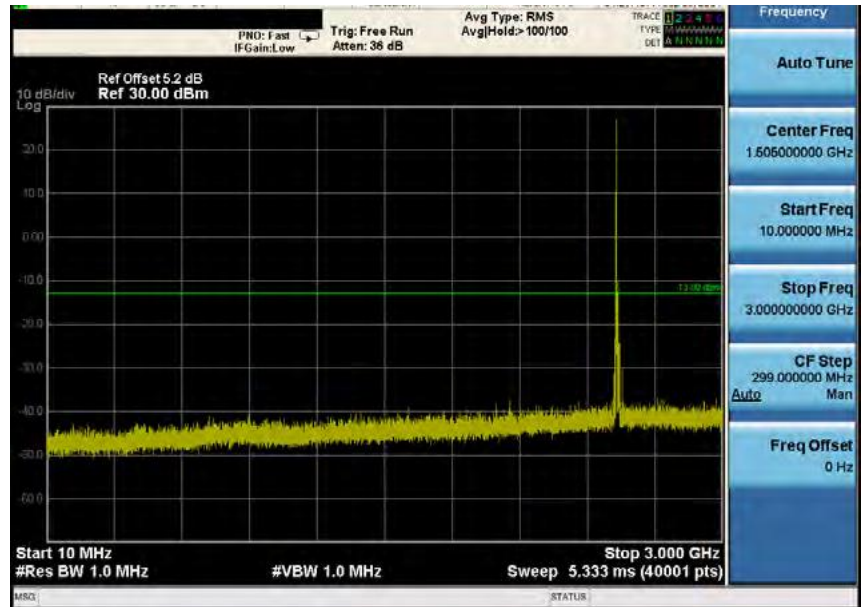
2507.5 MHz

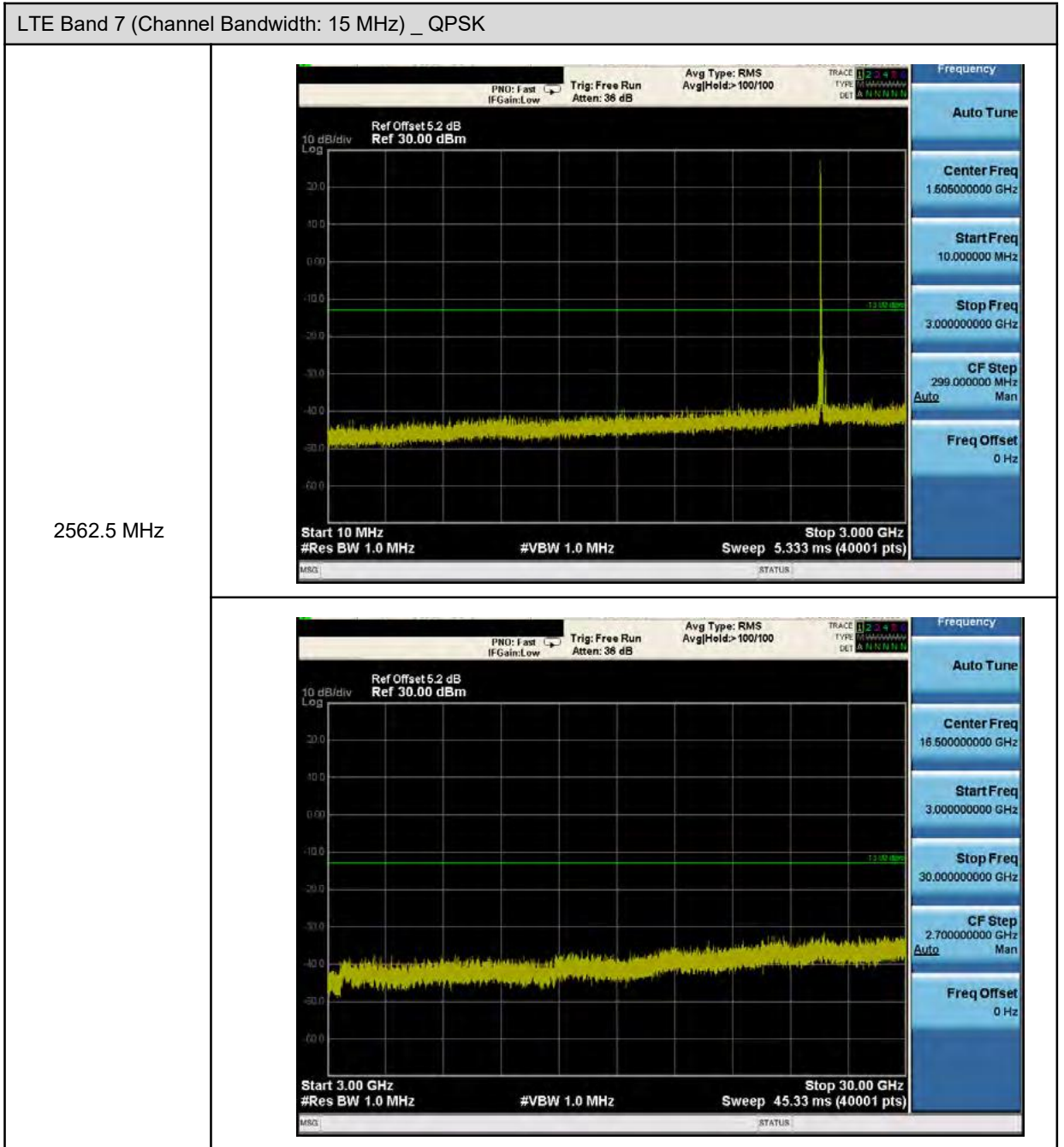




LTE Band 7 (Channel Bandwidth: 10 MHz) _ QPSK

2535.0 MHz

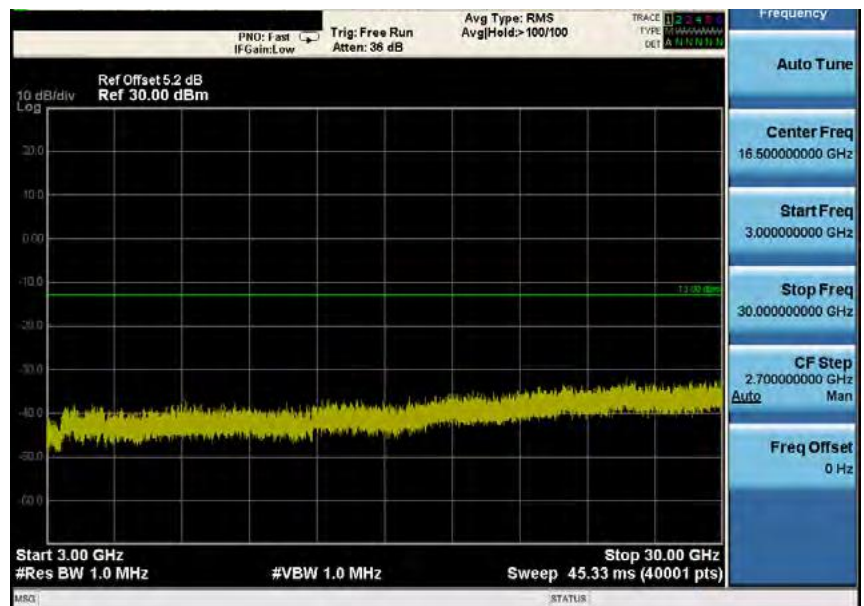
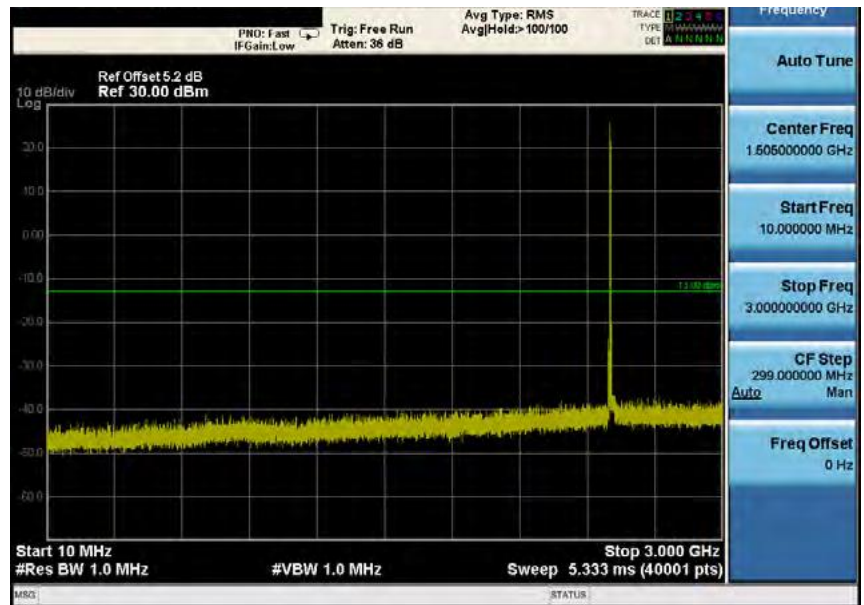






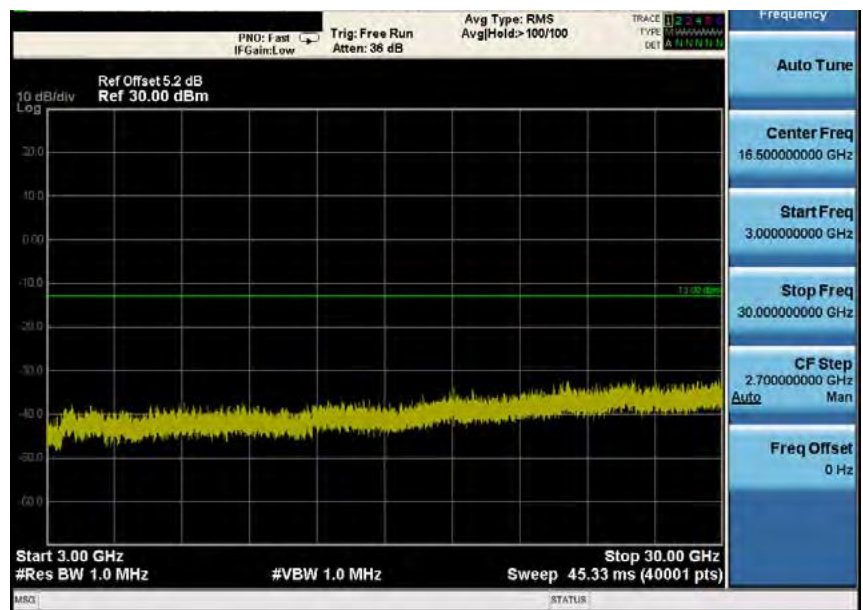
LTE Band 7 (Channel Bandwidth: 20 MHz) _ QPSK

2510.0 MHz



LTE Band 7 (Channel Bandwidth: 10 MHz) _ QPSK

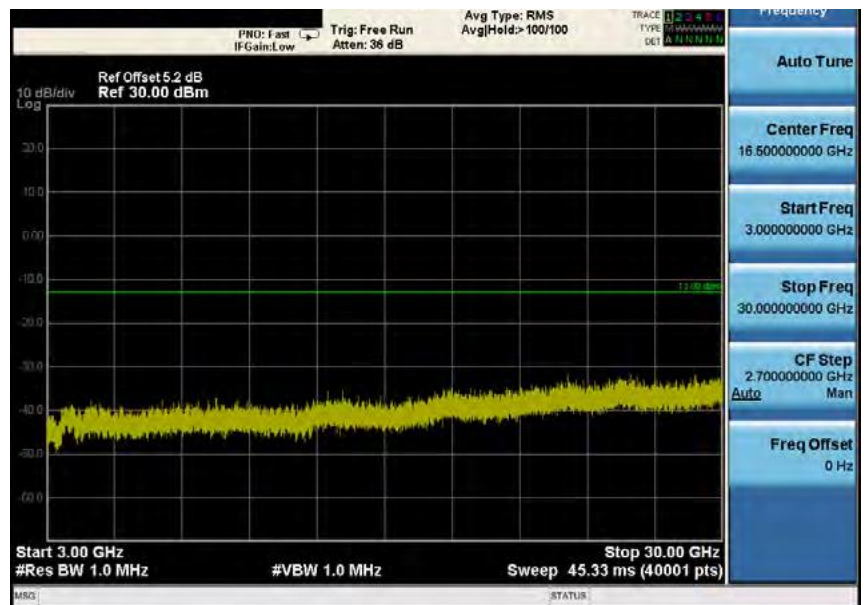
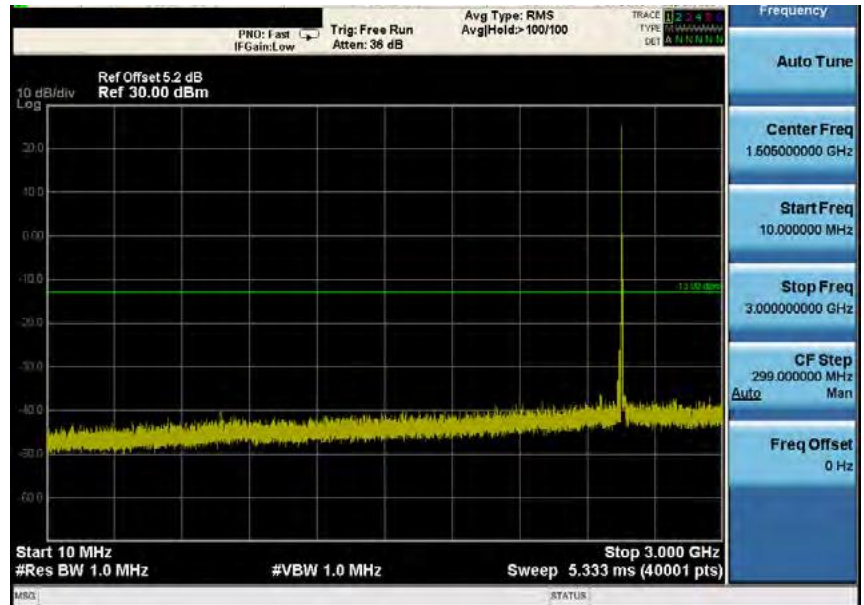
2535.0 MHz





LTE Band 7 (Channel Bandwidth: 10 MHz) _ QPSK

2560.0 MHz

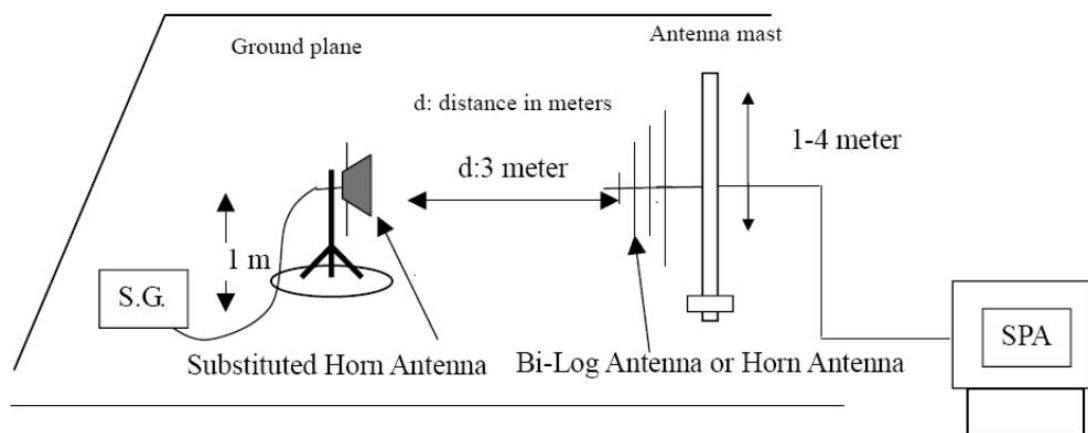


9 Radiated Emission Test

9.1. Limit

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

9.2. Setup





9.3. Test Procedure

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the receiving antenna, which was mounted on antenna tower and its position at 0.8 m above the ground.
- c. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading and recorded the value.
- d. Repeat step a ~ c for horizontal polarization.

Note: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz. Spectrum frequency from 30MHz to 27GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 18GHz to 27GHz(below over 20dB), so below final test was performed with frequency range from 30MHz to 18GHz.



9.4. Test Result

30MHz–18GHz-

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	QPSK		
Frequency:	1850.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-73.39	6.90	-66.49	-13.00	-53.49	peak	H
2	288.0000	-61.04	-4.10	-65.14	-13.00	-52.14	peak	H
3	367.5000	-60.82	-0.49	-61.31	-13.00	-48.31	peak	H
4	480.0000	-72.25	4.99	-67.26	-13.00	-54.26	peak	H
5	576.0000	-75.75	6.64	-69.11	-13.00	-56.11	peak	H
6	701.5000	-77.19	6.91	-70.28	-13.00	-57.28	peak	H
7	3364.000	-71.11	12.57	-58.54	-13.00	-45.54	peak	H
8	4708.000	-74.17	15.11	-59.06	-13.00	-46.06	peak	H
9	7168.000	-74.32	24.01	-50.31	-13.00	-37.31	peak	H
1	144.0000	-65.62	14.96	-50.66	-13.00	-37.66	peak	V
2	200.5000	-63.06	9.73	-53.33	-13.00	-40.33	peak	V
3	336.0000	-62.34	0.50	-61.84	-13.00	-48.84	peak	V
4	480.0000	-60.79	1.65	-59.14	-13.00	-46.14	peak	V
5	601.5000	-67.48	6.63	-60.85	-13.00	-47.85	peak	V
6	672.0000	-75.71	9.23	-66.48	-13.00	-53.48	peak	V
7	3184.000	-69.71	15.06	-54.65	-13.00	-41.65	peak	V
8	4720.000	-73.91	19.52	-54.39	-13.00	-41.39	peak	V
9	7120.000	-75.65	21.63	-54.02	-13.00	-41.02	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	QPSK		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-73.52	6.90	-66.62	-13.00	-53.62	peak	H
2	214.0000	-59.74	-0.35	-60.09	-13.00	-47.09	peak	H
3	330.0000	-61.54	-1.36	-62.90	-13.00	-49.90	peak	H
4	480.0000	-71.28	4.99	-66.29	-13.00	-53.29	peak	H
5	528.0000	-78.09	7.01	-71.08	-13.00	-58.08	peak	H
6	668.0000	-79.66	6.82	-72.84	-13.00	-59.84	peak	H
7	3268.000	-71.76	12.26	-59.50	-13.00	-46.50	peak	H
8	4756.000	-72.98	15.38	-57.60	-13.00	-44.60	peak	H
9	7108.000	-75.04	23.84	-51.20	-13.00	-38.20	peak	H
1	167.0000	-62.09	11.07	-51.02	-13.00	-38.02	peak	V
2	200.5000	-64.32	9.73	-54.59	-13.00	-41.59	peak	V
3	331.0000	-63.84	0.50	-63.34	-13.00	-50.34	peak	V
4	480.0000	-61.37	1.65	-59.72	-13.00	-46.72	peak	V
5	601.5000	-67.81	6.63	-61.18	-13.00	-48.18	peak	V
6	687.0000	-76.96	9.62	-67.34	-13.00	-54.34	peak	V
7	3328.000	-70.68	15.95	-54.73	-13.00	-41.73	peak	V
8	4756.000	-73.86	19.59	-54.27	-13.00	-41.27	peak	V
9	7204.000	-76.27	21.76	-54.51	-13.00	-41.51	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	QPSK		
Frequency:	1909.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-69.07	6.90	-62.17	-13.00	-49.17	peak	H
2	226.0000	-66.46	-1.08	-67.54	-13.00	-54.54	peak	H
3	372.5000	-70.34	-0.33	-70.67	-13.00	-57.67	peak	H
4	480.0000	-71.51	4.99	-66.52	-13.00	-53.52	peak	H
5	576.0000	-75.41	6.64	-68.77	-13.00	-55.77	peak	H
6	720.0000	-75.34	7.39	-67.95	-13.00	-54.95	peak	H
7	3316.000	-71.10	12.41	-58.69	-13.00	-45.69	peak	H
8	4708.000	-73.79	15.11	-58.68	-13.00	-45.68	peak	H
9	7156.000	-73.69	23.97	-49.72	-13.00	-36.72	peak	H
1	133.5000	-68.81	17.84	-50.97	-13.00	-37.97	peak	V
2	200.5000	-64.60	9.73	-54.87	-13.00	-41.87	peak	V
3	336.0000	-64.92	0.50	-64.42	-13.00	-51.42	peak	V
4	480.0000	-61.88	1.65	-60.23	-13.00	-47.23	peak	V
5	601.5000	-67.76	6.63	-61.13	-13.00	-48.13	peak	V
6	687.0000	-75.93	9.62	-66.31	-13.00	-53.31	peak	V
7	3220.000	-69.04	15.28	-53.76	-13.00	-40.76	peak	V
8	4828.000	-74.11	19.72	-54.39	-13.00	-41.39	peak	V
9	7132.000	-73.92	21.65	-52.27	-13.00	-39.27	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	QPSK		
Frequency:	1851.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-72.33	5.23	-67.10	-13.00	-54.10	peak	H
2	200.5000	-65.41	2.48	-62.93	-13.00	-49.93	peak	H
3	367.5000	-61.28	-0.49	-61.77	-13.00	-48.77	peak	H
4	480.0000	-72.34	4.99	-67.35	-13.00	-54.35	peak	H
5	601.5000	-78.37	6.99	-71.38	-13.00	-58.38	peak	H
6	720.0000	-77.87	7.39	-70.48	-13.00	-57.48	peak	H
7	3268.000	-71.23	12.26	-58.97	-13.00	-45.97	peak	H
8	4720.000	-73.46	15.18	-58.28	-13.00	-45.28	peak	H
9	7276.000	-75.22	24.31	-50.91	-13.00	-37.91	peak	H
1	132.0000	-70.63	18.46	-52.17	-13.00	-39.17	peak	V
2	200.5000	-64.30	9.73	-54.57	-13.00	-41.57	peak	V
3	336.0000	-66.00	0.50	-65.50	-13.00	-52.50	peak	V
4	480.0000	-61.45	1.65	-59.80	-13.00	-46.80	peak	V
5	601.5000	-67.75	6.63	-61.12	-13.00	-48.12	peak	V
6	720.0000	-76.92	10.76	-66.16	-13.00	-53.16	peak	V
7	3232.000	-70.83	15.36	-55.47	-13.00	-42.47	peak	V
8	4720.000	-74.03	19.52	-54.51	-13.00	-41.51	peak	V
9	7168.000	-75.72	21.72	-54.00	-13.00	-41.00	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	QPSK		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.51	6.51	-62.00	-13.00	-49.00	peak	H
2	200.5000	-68.57	2.48	-66.09	-13.00	-53.09	peak	H
3	288.0000	-62.13	-4.10	-66.23	-13.00	-53.23	peak	H
4	367.5000	-60.98	-0.49	-61.47	-13.00	-48.47	peak	H
5	480.0000	-72.23	4.99	-67.24	-13.00	-54.24	peak	H
6	601.5000	-77.45	6.99	-70.46	-13.00	-57.46	peak	H
7	3340.000	-71.16	12.49	-58.67	-13.00	-45.67	peak	H
8	4780.000	-74.06	15.50	-58.56	-13.00	-45.56	peak	H
9	7084.000	-73.43	23.76	-49.67	-13.00	-36.67	peak	H
1	133.5000	-74.05	17.84	-56.21	-13.00	-43.21	peak	V
2	200.5000	-64.45	9.73	-54.72	-13.00	-41.72	peak	V
3	288.0000	-68.33	1.08	-67.25	-13.00	-54.25	peak	V
4	332.5000	-64.93	0.51	-64.42	-13.00	-51.42	peak	V
5	480.0000	-61.17	1.65	-59.52	-13.00	-46.52	peak	V
6	601.5000	-68.68	6.63	-62.05	-13.00	-49.05	peak	V
7	3244.000	-71.34	15.43	-55.91	-13.00	-42.91	peak	V
8	4732.000	-73.46	19.54	-53.92	-13.00	-40.92	peak	V
9	7168.000	-74.32	21.72	-52.60	-13.00	-39.60	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	QPSK		
Frequency:	1908.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.0000	-69.99	6.26	-63.73	-13.00	-50.73	peak	H
2	200.5000	-65.90	2.48	-63.42	-13.00	-50.42	peak	H
3	367.5000	-61.06	-0.49	-61.55	-13.00	-48.55	peak	H
4	467.5000	-72.81	4.36	-68.45	-13.00	-55.45	peak	H
5	528.0000	-79.13	7.01	-72.12	-13.00	-59.12	peak	H
6	720.0000	-79.60	7.39	-72.21	-13.00	-59.21	peak	H
7	3340.000	-70.18	12.49	-57.69	-13.00	-44.69	peak	H
8	4672.000	-75.48	14.92	-60.56	-13.00	-47.56	peak	H
9	7180.000	-74.91	24.04	-50.87	-13.00	-37.87	peak	H
1	133.5000	-69.63	17.84	-51.79	-13.00	-38.79	peak	V
2	200.5000	-63.52	9.73	-53.79	-13.00	-40.79	peak	V
3	336.0000	-64.51	0.50	-64.01	-13.00	-51.01	peak	V
4	480.0000	-61.58	1.65	-59.93	-13.00	-46.93	peak	V
5	601.5000	-68.41	6.63	-61.78	-13.00	-48.78	peak	V
6	672.0000	-78.01	9.23	-68.78	-13.00	-55.78	peak	V
7	3292.000	-71.29	15.73	-55.56	-13.00	-42.56	peak	V
8	4684.000	-72.83	19.45	-53.38	-13.00	-40.38	peak	V
9	7024.000	-74.67	21.48	-53.19	-13.00	-40.19	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	QPSK		
Frequency:	1852.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	153.0000	-69.31	5.75	-63.56	-13.00	-50.56	peak	H
2	209.5000	-61.19	0.18	-61.01	-13.00	-48.01	peak	H
3	367.5000	-61.03	-0.49	-61.52	-13.00	-48.52	peak	H
4	480.0000	-72.58	4.99	-67.59	-13.00	-54.59	peak	H
5	576.0000	-76.91	6.64	-70.27	-13.00	-57.27	peak	H
6	668.0000	-78.84	6.82	-72.02	-13.00	-59.02	peak	H
7	3268.000	-71.76	12.26	-59.50	-13.00	-46.50	peak	H
8	4708.000	-74.10	15.11	-58.99	-13.00	-45.99	peak	H
9	7132.000	-74.45	23.89	-50.56	-13.00	-37.56	peak	H
1	167.0000	-62.30	11.07	-51.23	-13.00	-38.23	peak	V
2	200.5000	-67.87	9.73	-58.14	-13.00	-45.14	peak	V
3	333.0000	-62.97	0.50	-62.47	-13.00	-49.47	peak	V
4	480.0000	-60.84	1.65	-59.19	-13.00	-46.19	peak	V
5	601.5000	-69.12	6.63	-62.49	-13.00	-49.49	peak	V
6	720.0000	-77.77	10.76	-67.01	-13.00	-54.01	peak	V
7	3244.000	-70.42	15.43	-54.99	-13.00	-41.99	peak	V
8	4708.000	-74.33	19.49	-54.84	-13.00	-41.84	peak	V
9	7084.000	-76.01	21.57	-54.44	-13.00	-41.44	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	QPSK		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-69.46	6.63	-62.83	-13.00	-49.83	peak	H
2	200.5000	-66.52	2.48	-64.04	-13.00	-51.04	peak	H
3	367.5000	-61.03	-0.49	-61.52	-13.00	-48.52	peak	H
4	480.0000	-72.16	4.99	-67.17	-13.00	-54.17	peak	H
5	576.0000	-75.78	6.64	-69.14	-13.00	-56.14	peak	H
6	668.0000	-79.19	6.82	-72.37	-13.00	-59.37	peak	H
7	3268.000	-70.80	12.26	-58.54	-13.00	-45.54	peak	H
8	4732.000	-74.71	15.24	-59.47	-13.00	-46.47	peak	H
9	7108.000	-73.99	23.84	-50.15	-13.00	-37.15	peak	H
1	157.5000	-66.46	17.72	-48.74	-13.00	-35.74	peak	V
2	200.5000	-64.95	9.73	-55.22	-13.00	-42.22	peak	V
3	337.0000	-65.59	0.50	-65.09	-13.00	-52.09	peak	V
4	480.0000	-61.53	1.65	-59.88	-13.00	-46.88	peak	V
5	630.0000	-74.53	8.20	-66.33	-13.00	-53.33	peak	V
6	716.0000	-77.65	10.63	-67.02	-13.00	-54.02	peak	V
7	3292.000	-70.48	15.73	-54.75	-13.00	-41.75	peak	V
8	4720.000	-74.58	19.52	-55.06	-13.00	-42.06	peak	V
9	7072.000	-74.15	21.56	-52.59	-13.00	-39.59	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	QPSK		
Frequency:	1907.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.71	0.99	-67.72	-13.00	-54.72	peak	H
2	200.5000	-67.45	2.48	-64.97	-13.00	-51.97	peak	H
3	288.0000	-61.66	-4.10	-65.76	-13.00	-52.76	peak	H
4	367.5000	-61.12	-0.49	-61.61	-13.00	-48.61	peak	H
5	480.0000	-72.38	4.99	-67.39	-13.00	-54.39	peak	H
6	576.0000	-76.65	6.64	-70.01	-13.00	-57.01	peak	H
7	3232.000	-71.66	12.16	-59.50	-13.00	-46.50	peak	H
8	4780.000	-74.09	15.50	-58.59	-13.00	-45.59	peak	H
9	7132.000	-75.05	23.89	-51.16	-13.00	-38.16	peak	H
1	167.0000	-62.28	11.07	-51.21	-13.00	-38.21	peak	V
2	200.5000	-65.14	9.73	-55.41	-13.00	-42.41	peak	V
3	330.5000	-63.03	0.51	-62.52	-13.00	-49.52	peak	V
4	480.0000	-61.29	1.65	-59.64	-13.00	-46.64	peak	V
5	601.5000	-68.51	6.63	-61.88	-13.00	-48.88	peak	V
6	698.5000	-77.06	10.05	-67.01	-13.00	-54.01	peak	V
7	3340.000	-72.25	16.02	-56.23	-13.00	-43.23	peak	V
8	4708.000	-74.58	19.49	-55.09	-13.00	-42.09	peak	V
9	7168.000	-75.05	21.72	-53.33	-13.00	-40.33	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	QPSK		
Frequency:	1855.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-68.36	5.10	-63.26	-13.00	-50.26	peak	H
2	200.5000	-67.12	2.48	-64.64	-13.00	-51.64	peak	H
3	367.5000	-61.69	-0.49	-62.18	-13.00	-49.18	peak	H
4	480.0000	-72.23	4.99	-67.24	-13.00	-54.24	peak	H
5	576.0000	-75.50	6.64	-68.86	-13.00	-55.86	peak	H
6	672.0000	-79.66	6.81	-72.85	-13.00	-59.85	peak	H
7	3232.000	-72.14	12.16	-59.98	-13.00	-46.98	peak	H
8	4732.000	-73.07	15.24	-57.83	-13.00	-44.83	peak	H
9	7108.000	-75.32	23.84	-51.48	-13.00	-38.48	peak	H
1	144.0000	-66.83	14.96	-51.87	-13.00	-38.87	peak	V
2	200.5000	-64.33	9.73	-54.60	-13.00	-41.60	peak	V
3	336.5000	-65.14	0.51	-64.63	-13.00	-51.63	peak	V
4	480.0000	-61.46	1.65	-59.81	-13.00	-46.81	peak	V
5	601.5000	-67.88	6.63	-61.25	-13.00	-48.25	peak	V
6	701.5000	-77.17	10.16	-67.01	-13.00	-54.01	peak	V
7	3232.000	-71.27	15.36	-55.91	-13.00	-42.91	peak	V
8	4732.000	-74.39	19.54	-54.85	-13.00	-41.85	peak	V
9	7132.000	-73.71	21.65	-52.06	-13.00	-39.06	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	QPSK		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	209.0000	-61.33	0.30	-61.03	-13.00	-48.03	peak	H
2	326.5000	-62.43	-1.38	-63.81	-13.00	-50.81	peak	H
3	372.5000	-68.59	-0.33	-68.92	-13.00	-55.92	peak	H
4	480.0000	-72.92	4.99	-67.93	-13.00	-54.93	peak	H
5	576.0000	-76.55	6.64	-69.91	-13.00	-56.91	peak	H
6	668.0000	-79.10	6.82	-72.28	-13.00	-59.28	peak	H
7	3244.000	-71.56	12.19	-59.37	-13.00	-46.37	peak	H
8	4768.000	-74.08	15.44	-58.64	-13.00	-45.64	peak	H
9	7108.000	-73.86	23.84	-50.02	-13.00	-37.02	peak	H
1	144.0000	-69.70	14.96	-54.74	-13.00	-41.74	peak	V
2	200.5000	-63.58	9.73	-53.85	-13.00	-40.85	peak	V
3	326.5000	-65.67	0.51	-65.16	-13.00	-52.16	peak	V
4	480.0000	-61.58	1.65	-59.93	-13.00	-46.93	peak	V
5	601.5000	-68.11	6.63	-61.48	-13.00	-48.48	peak	V
6	687.0000	-77.51	9.62	-67.89	-13.00	-54.89	peak	V
7	3244.000	-71.58	15.43	-56.15	-13.00	-43.15	peak	V
8	4732.000	-75.23	19.54	-55.69	-13.00	-42.69	peak	V
9	7084.000	-74.61	21.57	-53.04	-13.00	-40.04	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	QPSK		
Frequency:	1905.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-72.87	6.63	-66.24	-13.00	-53.24	peak	H
2	220.5000	-61.77	-0.95	-62.72	-13.00	-49.72	peak	H
3	367.5000	-62.21	-0.49	-62.70	-13.00	-49.70	peak	H
4	480.0000	-72.46	4.99	-67.47	-13.00	-54.47	peak	H
5	576.0000	-76.42	6.64	-69.78	-13.00	-56.78	peak	H
6	701.5000	-78.35	6.91	-71.44	-13.00	-58.44	peak	H
7	3280.000	-72.20	12.31	-59.89	-13.00	-46.89	peak	H
8	4732.000	-75.06	15.24	-59.82	-13.00	-46.82	peak	H
9	7204.000	-74.26	24.10	-50.16	-13.00	-37.16	peak	H
1	157.5000	-66.33	17.72	-48.61	-13.00	-35.61	peak	V
2	200.5000	-63.67	9.73	-53.94	-13.00	-40.94	peak	V
3	336.0000	-64.45	0.50	-63.95	-13.00	-50.95	peak	V
4	480.0000	-61.29	1.65	-59.64	-13.00	-46.64	peak	V
5	601.5000	-67.96	6.63	-61.33	-13.00	-48.33	peak	V
6	658.5000	-77.96	8.98	-68.98	-13.00	-55.98	peak	V
7	3316.000	-71.56	15.87	-55.69	-13.00	-42.69	peak	V
8	4708.000	-75.76	19.49	-56.27	-13.00	-43.27	peak	V
9	7120.000	-76.07	21.63	-54.44	-13.00	-41.44	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	QPSK		
Frequency:	1857.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-74.43	6.90	-67.53	-13.00	-54.53	peak	H
2	204.0000	-64.34	1.58	-62.76	-13.00	-49.76	peak	H
3	325.0000	-63.61	-1.40	-65.01	-13.00	-52.01	peak	H
4	367.5000	-61.91	-0.49	-62.40	-13.00	-49.40	peak	H
5	480.0000	-73.58	4.99	-68.59	-13.00	-55.59	peak	H
6	695.5000	-79.46	6.85	-72.61	-13.00	-59.61	peak	H
7	3292.000	-73.15	12.35	-60.80	-13.00	-47.80	peak	H
8	4756.000	-74.06	15.38	-58.68	-13.00	-45.68	peak	H
9	7120.000	-74.74	23.86	-50.88	-13.00	-37.88	peak	H
1	157.5000	-68.84	17.72	-51.12	-13.00	-38.12	peak	V
2	200.5000	-68.10	9.73	-58.37	-13.00	-45.37	peak	V
3	333.0000	-63.94	0.50	-63.44	-13.00	-50.44	peak	V
4	480.0000	-61.83	1.65	-60.18	-13.00	-47.18	peak	V
5	601.5000	-68.80	6.63	-62.17	-13.00	-49.17	peak	V
6	701.5000	-78.16	10.16	-68.00	-13.00	-55.00	peak	V
7	3316.000	-72.57	15.87	-56.70	-13.00	-43.70	peak	V
8	4780.000	-74.05	19.63	-54.42	-13.00	-41.42	peak	V
9	7216.000	-75.28	21.79	-53.49	-13.00	-40.49	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum. (%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	QPSK		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.96	6.38	-62.58	-13.00	-49.58	peak	H
2	288.0000	-60.49	-4.10	-64.59	-13.00	-51.59	peak	H
3	367.5000	-60.71	-0.49	-61.20	-13.00	-48.20	peak	H
4	480.0000	-73.18	4.99	-68.19	-13.00	-55.19	peak	H
5	576.0000	-75.23	6.64	-68.59	-13.00	-55.59	peak	H
6	720.0000	-77.54	7.39	-70.15	-13.00	-57.15	peak	H
7	3232.000	-70.45	12.16	-58.29	-13.00	-45.29	peak	H
8	4756.000	-72.80	15.38	-57.42	-13.00	-44.42	peak	H
9	7084.000	-75.33	23.76	-51.57	-13.00	-38.57	peak	H
1	167.0000	-62.61	11.07	-51.54	-13.00	-38.54	peak	V
2	200.5000	-64.67	9.73	-54.94	-13.00	-41.94	peak	V
3	336.0000	-63.67	0.50	-63.17	-13.00	-50.17	peak	V
4	480.0000	-61.99	1.65	-60.34	-13.00	-47.34	peak	V
5	601.5000	-68.66	6.63	-62.03	-13.00	-49.03	peak	V
6	701.5000	-78.20	10.16	-68.04	-13.00	-55.04	peak	V
7	3316.000	-71.61	15.87	-55.74	-13.00	-42.74	peak	V
8	4720.000	-73.19	19.52	-53.67	-13.00	-40.67	peak	V
9	7120.000	-75.83	21.63	-54.20	-13.00	-41.20	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	QPSK		
Frequency:	1902.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	152.0000	-70.23	5.48	-64.75	-13.00	-51.75	peak	H
2	200.5000	-67.89	2.48	-65.41	-13.00	-52.41	peak	H
3	367.5000	-61.54	-0.49	-62.03	-13.00	-49.03	peak	H
4	480.0000	-72.55	4.99	-67.56	-13.00	-54.56	peak	H
5	576.0000	-75.23	6.64	-68.59	-13.00	-55.59	peak	H
6	672.0000	-78.72	6.81	-71.91	-13.00	-58.91	peak	H
7	3268.000	-71.06	12.26	-58.80	-13.00	-45.80	peak	H
8	4708.000	-74.32	15.11	-59.21	-13.00	-46.21	peak	H
9	7120.000	-72.44	23.86	-48.58	-13.00	-35.58	peak	H
1	133.5000	-71.86	17.84	-54.02	-13.00	-41.02	peak	V
2	157.5000	-66.17	17.72	-48.45	-13.00	-35.45	peak	V
3	336.0000	-65.66	0.50	-65.16	-13.00	-52.16	peak	V
4	480.0000	-62.25	1.65	-60.60	-13.00	-47.60	peak	V
5	601.5000	-69.17	6.63	-62.54	-13.00	-49.54	peak	V
6	720.0000	-77.01	10.76	-66.25	-13.00	-53.25	peak	V
7	3268.000	-71.68	15.57	-56.11	-13.00	-43.11	peak	V
8	4720.000	-76.31	19.52	-56.79	-13.00	-43.79	peak	V
9	7084.000	-73.14	21.57	-51.57	-13.00	-38.57	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	QPSK		
Frequency:	1860.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.5000	-71.57	5.36	-66.21	-13.00	-53.21	peak	H
2	200.5000	-68.95	2.48	-66.47	-13.00	-53.47	peak	H
3	288.0000	-60.83	-4.10	-64.93	-13.00	-51.93	peak	H
4	367.5000	-60.64	-0.49	-61.13	-13.00	-48.13	peak	H
5	467.5000	-72.62	4.36	-68.26	-13.00	-55.26	peak	H
6	601.5000	-77.90	6.99	-70.91	-13.00	-57.91	peak	H
7	3292.000	-71.93	12.35	-59.58	-13.00	-46.58	peak	H
8	4708.000	-74.83	15.11	-59.72	-13.00	-46.72	peak	H
9	7108.000	-73.83	23.84	-49.99	-13.00	-36.99	peak	H
1	167.0000	-61.95	11.07	-50.88	-13.00	-37.88	peak	V
2	200.5000	-66.09	9.73	-56.36	-13.00	-43.36	peak	V
3	336.0000	-63.92	0.50	-63.42	-13.00	-50.42	peak	V
4	480.0000	-61.61	1.65	-59.96	-13.00	-46.96	peak	V
5	601.5000	-68.79	6.63	-62.16	-13.00	-49.16	peak	V
6	701.5000	-77.69	10.16	-67.53	-13.00	-54.53	peak	V
7	3268.000	-71.08	15.57	-55.51	-13.00	-42.51	peak	V
8	4720.000	-74.04	19.52	-54.52	-13.00	-41.52	peak	V
9	7084.000	-74.86	21.57	-53.29	-13.00	-40.29	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	QPSK		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.77	0.99	-67.78	-13.00	-54.78	peak	H
2	215.0000	-60.78	-0.43	-61.21	-13.00	-48.21	peak	H
3	367.5000	-61.20	-0.49	-61.69	-13.00	-48.69	peak	H
4	480.0000	-73.12	4.99	-68.13	-13.00	-55.13	peak	H
5	576.0000	-75.61	6.64	-68.97	-13.00	-55.97	peak	H
6	720.0000	-77.90	7.39	-70.51	-13.00	-57.51	peak	H
7	3292.000	-72.10	12.35	-59.75	-13.00	-46.75	peak	H
8	4732.000	-73.87	15.24	-58.63	-13.00	-45.63	peak	H
9	7120.000	-75.85	23.86	-51.99	-13.00	-38.99	peak	H
1	167.0000	-62.41	11.07	-51.34	-13.00	-38.34	peak	V
2	200.5000	-64.32	9.73	-54.59	-13.00	-41.59	peak	V
3	334.0000	-63.81	0.50	-63.31	-13.00	-50.31	peak	V
4	480.0000	-61.31	1.65	-59.66	-13.00	-46.66	peak	V
5	601.5000	-68.85	6.63	-62.22	-13.00	-49.22	peak	V
6	687.0000	-76.78	9.62	-67.16	-13.00	-54.16	peak	V
7	3232.000	-71.09	15.36	-55.73	-13.00	-42.73	peak	V
8	4732.000	-74.33	19.54	-54.79	-13.00	-41.79	peak	V
9	7120.000	-75.32	21.63	-53.69	-13.00	-40.69	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	QPSK		
Frequency:	1900.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.78	0.99	-67.79	-13.00	-54.79	peak	H
2	220.0000	-61.87	-0.94	-62.81	-13.00	-49.81	peak	H
3	367.5000	-61.45	-0.49	-61.94	-13.00	-48.94	peak	H
4	480.0000	-72.83	4.99	-67.84	-13.00	-54.84	peak	H
5	576.0000	-73.83	6.64	-67.19	-13.00	-54.19	peak	H
6	720.0000	-77.73	7.39	-70.34	-13.00	-57.34	peak	H
7	3268.000	-70.02	12.26	-57.76	-13.00	-44.76	peak	H
8	4756.000	-74.23	15.38	-58.85	-13.00	-45.85	peak	H
9	7156.000	-75.26	23.97	-51.29	-13.00	-38.29	peak	H
1	167.0000	-62.01	11.07	-50.94	-13.00	-37.94	peak	V
2	200.5000	-66.29	9.73	-56.56	-13.00	-43.56	peak	V
3	327.5000	-64.92	0.51	-64.41	-13.00	-51.41	peak	V
4	480.0000	-62.03	1.65	-60.38	-13.00	-47.38	peak	V
5	601.5000	-68.29	6.63	-61.66	-13.00	-48.66	peak	V
6	687.0000	-76.73	9.62	-67.11	-13.00	-54.11	peak	V
7	3244.000	-71.59	15.43	-56.16	-13.00	-43.16	peak	V
8	4720.000	-75.93	19.52	-56.41	-13.00	-43.41	peak	V
9	7156.000	-75.67	21.69	-53.98	-13.00	-40.98	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	16QAM		
Frequency:	1850.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	161.0000	-73.50	6.60	-66.90	-13.00	-53.90	peak	H
2	209.0000	-61.90	0.30	-61.60	-13.00	-48.60	peak	H
3	367.5000	-61.24	-0.49	-61.73	-13.00	-48.73	peak	H
4	480.0000	-71.84	4.99	-66.85	-13.00	-53.85	peak	H
5	576.0000	-74.58	6.64	-67.94	-13.00	-54.94	peak	H
6	720.0000	-79.11	7.39	-71.72	-13.00	-58.72	peak	H
7	3268.000	-71.80	12.26	-59.54	-13.00	-46.54	peak	H
8	4732.000	-73.54	15.24	-58.30	-13.00	-45.30	peak	H
9	7084.000	-75.90	23.76	-52.14	-13.00	-39.14	peak	H
1	150.5000	-65.34	14.79	-50.55	-13.00	-37.55	peak	V
2	200.5000	-64.55	9.73	-54.82	-13.00	-41.82	peak	V
3	336.0000	-63.09	0.50	-62.59	-13.00	-49.59	peak	V
4	480.0000	-61.40	1.65	-59.75	-13.00	-46.75	peak	V
5	601.5000	-68.24	6.63	-61.61	-13.00	-48.61	peak	V
6	687.0000	-77.72	9.62	-68.10	-13.00	-55.10	peak	V
7	3280.000	-72.15	15.65	-56.50	-13.00	-43.50	peak	V
8	4732.000	-75.02	19.54	-55.48	-13.00	-42.48	peak	V
9	7132.000	-74.54	21.65	-52.89	-13.00	-39.89	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	16QAM		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.41	6.51	-61.90	-13.00	-48.90	peak	H
2	217.5000	-62.69	-0.69	-63.38	-13.00	-50.38	peak	H
3	288.0000	-61.08	-4.10	-65.18	-13.00	-52.18	peak	H
4	367.5000	-61.29	-0.49	-61.78	-13.00	-48.78	peak	H
5	480.0000	-71.51	4.99	-66.52	-13.00	-53.52	peak	H
6	601.5000	-78.25	6.99	-71.26	-13.00	-58.26	peak	H
7	3268.000	-70.95	12.26	-58.69	-13.00	-45.69	peak	H
8	4732.000	-72.34	15.24	-57.10	-13.00	-44.10	peak	H
9	7084.000	-74.64	23.76	-50.88	-13.00	-37.88	peak	H
1	144.0000	-65.87	14.96	-50.91	-13.00	-37.91	peak	V
2	200.5000	-64.34	9.73	-54.61	-13.00	-41.61	peak	V
3	330.5000	-63.28	0.51	-62.77	-13.00	-49.77	peak	V
4	480.0000	-61.29	1.65	-59.64	-13.00	-46.64	peak	V
5	601.5000	-68.31	6.63	-61.68	-13.00	-48.68	peak	V
6	672.0000	-76.29	9.23	-67.06	-13.00	-54.06	peak	V
7	3268.000	-71.45	15.57	-55.88	-13.00	-42.88	peak	V
8	4756.000	-74.29	19.59	-54.70	-13.00	-41.70	peak	V
9	7120.000	-74.08	21.63	-52.45	-13.00	-39.45	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	16QAM		
Frequency:	1909.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-66.32	0.99	-65.33	-13.00	-52.33	peak	H
2	200.5000	-65.88	2.48	-63.40	-13.00	-50.40	peak	H
3	288.0000	-61.09	-4.10	-65.19	-13.00	-52.19	peak	H
4	367.5000	-60.63	-0.49	-61.12	-13.00	-48.12	peak	H
5	480.0000	-71.38	4.99	-66.39	-13.00	-53.39	peak	H
6	668.0000	-78.91	6.82	-72.09	-13.00	-59.09	peak	H
7	3268.000	-71.47	12.26	-59.21	-13.00	-46.21	peak	H
8	4636.000	-73.77	14.72	-59.05	-13.00	-46.05	peak	H
9	7060.000	-73.94	23.69	-50.25	-13.00	-37.25	peak	H
1	144.0000	-65.68	14.96	-50.72	-13.00	-37.72	peak	V
2	200.5000	-64.41	9.73	-54.68	-13.00	-41.68	peak	V
3	334.0000	-63.38	0.50	-62.88	-13.00	-49.88	peak	V
4	480.0000	-61.70	1.65	-60.05	-13.00	-47.05	peak	V
5	528.0000	-68.93	2.69	-66.24	-13.00	-53.24	peak	V
6	720.0000	-77.58	10.76	-66.82	-13.00	-53.82	peak	V
7	3292.000	-72.78	15.73	-57.05	-13.00	-44.05	peak	V
8	4756.000	-74.01	19.59	-54.42	-13.00	-41.42	peak	V
9	7060.000	-74.22	21.54	-52.68	-13.00	-39.68	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	16QAM		
Frequency:	1851.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.0000	-70.94	6.00	-64.94	-13.00	-51.94	peak	H
2	200.5000	-68.21	2.48	-65.73	-13.00	-52.73	peak	H
3	288.0000	-60.56	-4.10	-64.66	-13.00	-51.66	peak	H
4	367.5000	-62.05	-0.49	-62.54	-13.00	-49.54	peak	H
5	480.0000	-71.95	4.99	-66.96	-13.00	-53.96	peak	H
6	624.0000	-80.30	6.90	-73.40	-13.00	-60.40	peak	H
7	3316.000	-71.00	12.41	-58.59	-13.00	-45.59	peak	H
8	4732.000	-74.86	15.24	-59.62	-13.00	-46.62	peak	H
9	7132.000	-72.62	23.89	-48.73	-13.00	-35.73	peak	H
1	157.5000	-66.42	17.72	-48.70	-13.00	-35.70	peak	V
2	200.5000	-64.47	9.73	-54.74	-13.00	-41.74	peak	V
3	336.0000	-65.33	0.50	-64.83	-13.00	-51.83	peak	V
4	480.0000	-61.27	1.65	-59.62	-13.00	-46.62	peak	V
5	601.5000	-69.04	6.63	-62.41	-13.00	-49.41	peak	V
6	672.0000	-76.77	9.23	-67.54	-13.00	-54.54	peak	V
7	3340.000	-70.06	16.02	-54.04	-13.00	-41.04	peak	V
8	4768.000	-74.59	19.61	-54.98	-13.00	-41.98	peak	V
9	7180.000	-74.23	21.74	-52.49	-13.00	-39.49	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	16QAM		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	158.5000	-73.03	7.15	-65.88	-13.00	-52.88	peak	H
2	288.0000	-60.97	-4.10	-65.07	-13.00	-52.07	peak	H
3	367.5000	-60.51	-0.49	-61.00	-13.00	-48.00	peak	H
4	480.0000	-72.20	4.99	-67.21	-13.00	-54.21	peak	H
5	576.0000	-76.25	6.64	-69.61	-13.00	-56.61	peak	H
6	668.0000	-79.04	6.82	-72.22	-13.00	-59.22	peak	H
7	3184.000	-70.84	12.01	-58.83	-13.00	-45.83	peak	H
8	4720.000	-74.21	15.18	-59.03	-13.00	-46.03	peak	H
9	7156.000	-75.34	23.97	-51.37	-13.00	-38.37	peak	H
1	157.5000	-66.32	17.72	-48.60	-13.00	-35.60	peak	V
2	200.5000	-64.28	9.73	-54.55	-13.00	-41.55	peak	V
3	331.5000	-65.08	0.51	-64.57	-13.00	-51.57	peak	V
4	480.0000	-61.45	1.65	-59.80	-13.00	-46.80	peak	V
5	601.5000	-68.64	6.63	-62.01	-13.00	-49.01	peak	V
6	720.0000	-76.78	10.76	-66.02	-13.00	-53.02	peak	V
7	3268.000	-68.73	15.57	-53.16	-13.00	-40.16	peak	V
8	4708.000	-73.96	19.49	-54.47	-13.00	-41.47	peak	V
9	7168.000	-74.42	21.72	-52.70	-13.00	-39.70	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	16QAM		
Frequency:	1908.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	160.0000	-72.60	7.53	-65.07	-13.00	-52.07	peak	H
2	200.5000	-67.82	2.48	-65.34	-13.00	-52.34	peak	H
3	288.0000	-61.00	-4.10	-65.10	-13.00	-52.10	peak	H
4	367.5000	-61.01	-0.49	-61.50	-13.00	-48.50	peak	H
5	480.0000	-73.49	4.99	-68.50	-13.00	-55.50	peak	H
6	601.0000	-78.03	6.98	-71.05	-13.00	-58.05	peak	H
7	3316.000	-71.45	12.41	-59.04	-13.00	-46.04	peak	H
8	4756.000	-74.25	15.38	-58.87	-13.00	-45.87	peak	H
9	7156.000	-74.62	23.97	-50.65	-13.00	-37.65	peak	H
1	144.0000	-66.39	14.96	-51.43	-13.00	-38.43	peak	V
2	200.5000	-64.02	9.73	-54.29	-13.00	-41.29	peak	V
3	336.0000	-62.58	0.50	-62.08	-13.00	-49.08	peak	V
4	480.0000	-61.34	1.65	-59.69	-13.00	-46.69	peak	V
5	601.5000	-68.35	6.63	-61.72	-13.00	-48.72	peak	V
6	672.0000	-77.77	9.23	-68.54	-13.00	-55.54	peak	V
7	3280.000	-71.57	15.65	-55.92	-13.00	-42.92	peak	V
8	4732.000	-74.13	19.54	-54.59	-13.00	-41.59	peak	V
9	7132.000	-74.25	21.65	-52.60	-13.00	-39.60	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	16QAM		
Frequency:	1852.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.22	6.51	-61.71	-13.00	-48.71	peak	H
2	209.5000	-62.41	0.18	-62.23	-13.00	-49.23	peak	H
3	330.5000	-61.46	-1.34	-62.80	-13.00	-49.80	peak	H
4	467.5000	-70.72	4.36	-66.36	-13.00	-53.36	peak	H
5	576.0000	-76.39	6.64	-69.75	-13.00	-56.75	peak	H
6	668.0000	-79.46	6.82	-72.64	-13.00	-59.64	peak	H
7	3268.000	-71.15	12.26	-58.89	-13.00	-45.89	peak	H
8	4684.000	-74.09	14.98	-59.11	-13.00	-46.11	peak	H
9	7168.000	-74.69	24.01	-50.68	-13.00	-37.68	peak	H
1	157.5000	-67.91	17.72	-50.19	-13.00	-37.19	peak	V
2	200.5000	-65.87	9.73	-56.14	-13.00	-43.14	peak	V
3	330.5000	-67.57	0.51	-67.06	-13.00	-54.06	peak	V
4	480.0000	-61.20	1.65	-59.55	-13.00	-46.55	peak	V
5	601.5000	-69.27	6.63	-62.64	-13.00	-49.64	peak	V
6	720.0000	-75.93	10.76	-65.17	-13.00	-52.17	peak	V
7	3292.000	-71.89	15.73	-56.16	-13.00	-43.16	peak	V
8	4684.000	-71.26	19.45	-51.81	-13.00	-38.81	peak	V
9	7156.000	-76.14	21.69	-54.45	-13.00	-41.45	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	16QAM		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-70.27	6.38	-63.89	-13.00	-50.89	peak	H
2	220.5000	-61.60	-0.95	-62.55	-13.00	-49.55	peak	H
3	367.5000	-61.42	-0.49	-61.91	-13.00	-48.91	peak	H
4	480.0000	-71.25	4.99	-66.26	-13.00	-53.26	peak	H
5	576.0000	-75.92	6.64	-69.28	-13.00	-56.28	peak	H
6	701.5000	-79.32	6.91	-72.41	-13.00	-59.41	peak	H
7	3280.000	-72.79	12.31	-60.48	-13.00	-47.48	peak	H
8	4708.000	-75.55	15.11	-60.44	-13.00	-47.44	peak	H
9	7120.000	-75.65	23.86	-51.79	-13.00	-38.79	peak	H
1	133.5000	-70.00	17.84	-52.16	-13.00	-39.16	peak	V
2	200.5000	-63.79	9.73	-54.06	-13.00	-41.06	peak	V
3	336.0000	-64.93	0.50	-64.43	-13.00	-51.43	peak	V
4	480.0000	-62.11	1.65	-60.46	-13.00	-47.46	peak	V
5	601.5000	-68.13	6.63	-61.50	-13.00	-48.50	peak	V
6	687.0000	-76.86	9.62	-67.24	-13.00	-54.24	peak	V
7	3268.000	-72.61	15.57	-57.04	-13.00	-44.04	peak	V
8	4732.000	-75.25	19.54	-55.71	-13.00	-42.71	peak	V
9	7168.000	-76.29	21.72	-54.57	-13.00	-41.57	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	16QAM		
Frequency:	1907.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-75.18	6.90	-68.28	-13.00	-55.28	peak	H
2	220.0000	-62.74	-0.94	-63.68	-13.00	-50.68	peak	H
3	288.0000	-60.19	-4.10	-64.29	-13.00	-51.29	peak	H
4	367.5000	-61.47	-0.49	-61.96	-13.00	-48.96	peak	H
5	480.0000	-72.14	4.99	-67.15	-13.00	-54.15	peak	H
6	668.0000	-80.25	6.82	-73.43	-13.00	-60.43	peak	H
7	3292.000	-71.69	12.35	-59.34	-13.00	-46.34	peak	H
8	4756.000	-72.91	15.38	-57.53	-13.00	-44.53	peak	H
9	7120.000	-74.63	23.86	-50.77	-13.00	-37.77	peak	H
1	133.5000	-69.53	17.84	-51.69	-13.00	-38.69	peak	V
2	200.5000	-65.95	9.73	-56.22	-13.00	-43.22	peak	V
3	330.0000	-63.14	0.49	-62.65	-13.00	-49.65	peak	V
4	480.0000	-61.52	1.65	-59.87	-13.00	-46.87	peak	V
5	601.5000	-67.94	6.63	-61.31	-13.00	-48.31	peak	V
6	672.0000	-77.10	9.23	-67.87	-13.00	-54.87	peak	V
7	3316.000	-72.94	15.87	-57.07	-13.00	-44.07	peak	V
8	4636.000	-74.19	19.36	-54.83	-13.00	-41.83	peak	V
9	7120.000	-74.51	21.63	-52.88	-13.00	-39.88	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	16QAM		
Frequency:	1855.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	200.5000	-66.98	2.48	-64.50	-13.00	-51.50	peak	H
2	288.0000	-61.02	-4.10	-65.12	-13.00	-52.12	peak	H
3	367.5000	-62.12	-0.49	-62.61	-13.00	-49.61	peak	H
4	480.0000	-71.94	4.99	-66.95	-13.00	-53.95	peak	H
5	576.0000	-76.27	6.64	-69.63	-13.00	-56.63	peak	H
6	720.0000	-77.40	7.39	-70.01	-13.00	-57.01	peak	H
7	3280.000	-71.72	12.31	-59.41	-13.00	-46.41	peak	H
8	4768.000	-74.19	15.44	-58.75	-13.00	-45.75	peak	H
9	7156.000	-74.69	23.97	-50.72	-13.00	-37.72	peak	H
1	167.0000	-62.47	11.07	-51.40	-13.00	-38.40	peak	V
2	200.5000	-64.65	9.73	-54.92	-13.00	-41.92	peak	V
3	332.0000	-63.41	0.50	-62.91	-13.00	-49.91	peak	V
4	480.0000	-61.54	1.65	-59.89	-13.00	-46.89	peak	V
5	601.5000	-67.71	6.63	-61.08	-13.00	-48.08	peak	V
6	720.0000	-77.49	10.76	-66.73	-13.00	-53.73	peak	V
7	3232.000	-71.14	15.36	-55.78	-13.00	-42.78	peak	V
8	4816.000	-73.77	19.70	-54.07	-13.00	-41.07	peak	V
9	7120.000	-72.81	21.63	-51.18	-13.00	-38.18	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum. (%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	16QAM		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-69.32	6.90	-62.42	-13.00	-49.42	peak	H
2	288.0000	-60.91	-4.10	-65.01	-13.00	-52.01	peak	H
3	367.5000	-61.12	-0.49	-61.61	-13.00	-48.61	peak	H
4	467.5000	-72.24	4.36	-67.88	-13.00	-54.88	peak	H
5	576.0000	-76.05	6.64	-69.41	-13.00	-56.41	peak	H
6	701.5000	-78.88	6.91	-71.97	-13.00	-58.97	peak	H
7	3280.000	-71.98	12.31	-59.67	-13.00	-46.67	peak	H
8	4756.000	-74.13	15.38	-58.75	-13.00	-45.75	peak	H
9	7084.000	-74.29	23.76	-50.53	-13.00	-37.53	peak	H
1	167.0000	-62.74	11.07	-51.67	-13.00	-38.67	peak	V
2	200.5000	-64.47	9.73	-54.74	-13.00	-41.74	peak	V
3	331.5000	-63.48	0.51	-62.97	-13.00	-49.97	peak	V
4	480.0000	-61.75	1.65	-60.10	-13.00	-47.10	peak	V
5	601.5000	-67.66	6.63	-61.03	-13.00	-48.03	peak	V
6	687.0000	-77.65	9.62	-68.03	-13.00	-55.03	peak	V
7	3280.000	-72.58	15.65	-56.93	-13.00	-43.93	peak	V
8	4720.000	-76.22	19.52	-56.70	-13.00	-43.70	peak	V
9	7108.000	-75.14	21.63	-53.51	-13.00	-40.51	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	16QAM		
Frequency:	1905.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-71.72	5.10	-66.62	-13.00	-53.62	peak	H
2	215.0000	-60.87	-0.43	-61.30	-13.00	-48.30	peak	H
3	331.5000	-63.06	-1.33	-64.39	-13.00	-51.39	peak	H
4	367.5000	-61.48	-0.49	-61.97	-13.00	-48.97	peak	H
5	480.0000	-72.04	4.99	-67.05	-13.00	-54.05	peak	H
6	668.0000	-79.46	6.82	-72.64	-13.00	-59.64	peak	H
7	3280.000	-73.14	12.31	-60.83	-13.00	-47.83	peak	H
8	4804.000	-74.06	15.63	-58.43	-13.00	-45.43	peak	H
9	7156.000	-74.92	23.97	-50.95	-13.00	-37.95	peak	H
1	136.5000	-71.03	16.63	-54.40	-13.00	-41.40	peak	V
2	200.5000	-64.63	9.73	-54.90	-13.00	-41.90	peak	V
3	330.0000	-65.52	0.49	-65.03	-13.00	-52.03	peak	V
4	480.0000	-61.63	1.65	-59.98	-13.00	-46.98	peak	V
5	601.5000	-67.80	6.63	-61.17	-13.00	-48.17	peak	V
6	720.0000	-77.81	10.76	-67.05	-13.00	-54.05	peak	V
7	3280.000	-71.34	15.65	-55.69	-13.00	-42.69	peak	V
8	4768.000	-74.88	19.61	-55.27	-13.00	-42.27	peak	V
9	7084.000	-75.75	21.57	-54.18	-13.00	-41.18	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	16QAM		
Frequency:	1857.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.0000	-70.93	6.00	-64.93	-13.00	-51.93	peak	H
2	288.0000	-60.67	-4.10	-64.77	-13.00	-51.77	peak	H
3	367.5000	-60.73	-0.49	-61.22	-13.00	-48.22	peak	H
4	467.5000	-72.50	4.36	-68.14	-13.00	-55.14	peak	H
5	601.5000	-76.64	6.99	-69.65	-13.00	-56.65	peak	H
6	668.0000	-80.14	6.82	-73.32	-13.00	-60.32	peak	H
7	3328.000	-71.67	12.45	-59.22	-13.00	-46.22	peak	H
8	4756.000	-75.29	15.38	-59.91	-13.00	-46.91	peak	H
9	7084.000	-74.85	23.76	-51.09	-13.00	-38.09	peak	H
1	157.5000	-69.10	17.72	-51.38	-13.00	-38.38	peak	V
2	200.5000	-65.36	9.73	-55.63	-13.00	-42.63	peak	V
3	336.0000	-66.03	0.50	-65.53	-13.00	-52.53	peak	V
4	480.0000	-62.41	1.65	-60.76	-13.00	-47.76	peak	V
5	601.5000	-68.63	6.63	-62.00	-13.00	-49.00	peak	V
6	720.0000	-76.96	10.76	-66.20	-13.00	-53.20	peak	V
7	3316.000	-70.70	15.87	-54.83	-13.00	-41.83	peak	V
8	4708.000	-76.16	19.49	-56.67	-13.00	-43.67	peak	V
9	7108.000	-75.53	21.63	-53.90	-13.00	-40.90	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	16QAM		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-69.05	6.38	-62.67	-13.00	-49.67	peak	H
2	323.0000	-63.74	-1.44	-65.18	-13.00	-52.18	peak	H
3	367.5000	-61.39	-0.49	-61.88	-13.00	-48.88	peak	H
4	480.0000	-72.55	4.99	-67.56	-13.00	-54.56	peak	H
5	576.0000	-75.08	6.64	-68.44	-13.00	-55.44	peak	H
6	701.5000	-78.87	6.91	-71.96	-13.00	-58.96	peak	H
7	3244.000	-71.28	12.19	-59.09	-13.00	-46.09	peak	H
8	4756.000	-73.08	15.38	-57.70	-13.00	-44.70	peak	H
9	7156.000	-74.12	23.97	-50.15	-13.00	-37.15	peak	H
1	132.0000	-70.34	18.46	-51.88	-13.00	-38.88	peak	V
2	167.0000	-62.34	11.07	-51.27	-13.00	-38.27	peak	V
3	336.0000	-65.04	0.50	-64.54	-13.00	-51.54	peak	V
4	480.0000	-61.68	1.65	-60.03	-13.00	-47.03	peak	V
5	601.5000	-68.04	6.63	-61.41	-13.00	-48.41	peak	V
6	699.0000	-78.18	10.08	-68.10	-13.00	-55.10	peak	V
7	3244.000	-69.57	15.43	-54.14	-13.00	-41.14	peak	V
8	4684.000	-74.88	19.45	-55.43	-13.00	-42.43	peak	V
9	7108.000	-75.02	21.63	-53.39	-13.00	-40.39	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	16QAM		
Frequency:	1902.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.0000	-69.40	6.00	-63.40	-13.00	-50.40	peak	H
2	208.0000	-64.72	0.57	-64.15	-13.00	-51.15	peak	H
3	367.5000	-61.07	-0.49	-61.56	-13.00	-48.56	peak	H
4	480.0000	-72.50	4.99	-67.51	-13.00	-54.51	peak	H
5	576.0000	-74.36	6.64	-67.72	-13.00	-54.72	peak	H
6	698.5000	-79.54	6.86	-72.68	-13.00	-59.68	peak	H
7	3292.000	-72.23	12.35	-59.88	-13.00	-46.88	peak	H
8	4756.000	-73.33	15.38	-57.95	-13.00	-44.95	peak	H
9	7108.000	-74.06	23.84	-50.22	-13.00	-37.22	peak	H
1	150.5000	-66.04	14.79	-51.25	-13.00	-38.25	peak	V
2	200.5000	-66.64	9.73	-56.91	-13.00	-43.91	peak	V
3	336.0000	-64.45	0.50	-63.95	-13.00	-50.95	peak	V
4	480.0000	-61.60	1.65	-59.95	-13.00	-46.95	peak	V
5	601.5000	-69.24	6.63	-62.61	-13.00	-49.61	peak	V
6	687.5000	-77.56	9.64	-67.92	-13.00	-54.92	peak	V
7	3280.000	-71.33	15.65	-55.68	-13.00	-42.68	peak	V
8	4816.000	-74.52	19.70	-54.82	-13.00	-41.82	peak	V
9	7168.000	-72.21	21.72	-50.49	-13.00	-37.49	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	16QAM		
Frequency:	1860.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-68.50	6.13	-62.37	-13.00	-49.37	peak	H
2	214.0000	-61.70	-0.35	-62.05	-13.00	-49.05	peak	H
3	367.5000	-61.44	-0.49	-61.93	-13.00	-48.93	peak	H
4	467.5000	-72.26	4.36	-67.90	-13.00	-54.90	peak	H
5	576.0000	-76.25	6.64	-69.61	-13.00	-56.61	peak	H
6	720.0000	-79.28	7.39	-71.89	-13.00	-58.89	peak	H
7	3220.000	-70.89	12.11	-58.78	-13.00	-45.78	peak	H
8	4756.000	-74.30	15.38	-58.92	-13.00	-45.92	peak	H
9	7084.000	-74.86	23.76	-51.10	-13.00	-38.10	peak	H
1	157.5000	-66.52	17.72	-48.80	-13.00	-35.80	peak	V
2	200.5000	-63.99	9.73	-54.26	-13.00	-41.26	peak	V
3	334.5000	-63.54	0.51	-63.03	-13.00	-50.03	peak	V
4	480.0000	-62.17	1.65	-60.52	-13.00	-47.52	peak	V
5	572.5000	-72.96	4.35	-68.61	-13.00	-55.61	peak	V
6	698.5000	-77.95	10.05	-67.90	-13.00	-54.90	peak	V
7	3292.000	-71.75	15.73	-56.02	-13.00	-43.02	peak	V
8	4732.000	-73.97	19.54	-54.43	-13.00	-41.43	peak	V
9	7108.000	-73.43	21.63	-51.80	-13.00	-38.80	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	16QAM		
Frequency:	1880.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	161.0000	-71.17	6.60	-64.57	-13.00	-51.57	peak	H
2	288.0000	-60.13	-4.10	-64.23	-13.00	-51.23	peak	H
3	367.5000	-60.89	-0.49	-61.38	-13.00	-48.38	peak	H
4	467.5000	-72.31	4.36	-67.95	-13.00	-54.95	peak	H
5	576.0000	-75.74	6.64	-69.10	-13.00	-56.10	peak	H
6	720.0000	-79.82	7.39	-72.43	-13.00	-59.43	peak	H
7	3316.000	-72.69	12.41	-60.28	-13.00	-47.28	peak	H
8	4708.000	-74.72	15.11	-59.61	-13.00	-46.61	peak	H
9	7156.000	-74.21	23.97	-50.24	-13.00	-37.24	peak	H
1	132.0000	-72.29	18.46	-53.83	-13.00	-40.83	peak	V
2	200.5000	-65.54	9.73	-55.81	-13.00	-42.81	peak	V
3	330.5000	-63.98	0.51	-63.47	-13.00	-50.47	peak	V
4	480.0000	-61.74	1.65	-60.09	-13.00	-47.09	peak	V
5	601.5000	-68.72	6.63	-62.09	-13.00	-49.09	peak	V
6	672.0000	-77.51	9.23	-68.28	-13.00	-55.28	peak	V
7	3292.000	-72.42	15.73	-56.69	-13.00	-43.69	peak	V
8	4768.000	-74.39	19.61	-54.78	-13.00	-41.78	peak	V
9	7132.000	-75.13	21.65	-53.48	-13.00	-40.48	peak	V



Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 2	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	16QAM		
Frequency:	1900.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.62	6.51	-62.11	-13.00	-49.11	peak	H
2	203.5000	-64.21	1.71	-62.50	-13.00	-49.50	peak	H
3	331.0000	-61.92	-1.34	-63.26	-13.00	-50.26	peak	H
4	367.5000	-61.16	-0.49	-61.65	-13.00	-48.65	peak	H
5	480.0000	-72.28	4.99	-67.29	-13.00	-54.29	peak	H
6	672.0000	-77.36	6.81	-70.55	-13.00	-57.55	peak	H
7	3292.000	-71.42	12.35	-59.07	-13.00	-46.07	peak	H
8	4768.000	-73.66	15.44	-58.22	-13.00	-45.22	peak	H
9	7120.000	-73.77	23.86	-49.91	-13.00	-36.91	peak	H
1	144.0000	-66.45	14.96	-51.49	-13.00	-38.49	peak	V
2	200.5000	-64.79	9.73	-55.06	-13.00	-42.06	peak	V
3	336.0000	-64.37	0.50	-63.87	-13.00	-50.87	peak	V
4	480.0000	-61.74	1.65	-60.09	-13.00	-47.09	peak	V
5	601.5000	-67.80	6.63	-61.17	-13.00	-48.17	peak	V
6	720.0000	-77.45	10.76	-66.69	-13.00	-53.69	peak	V
7	3292.000	-73.05	15.73	-57.32	-13.00	-44.32	peak	V
8	4672.000	-74.88	19.43	-55.45	-13.00	-42.45	peak	V
9	7132.000	-75.94	21.65	-54.29	-13.00	-41.29	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	QPSK		
Frequency:	1710.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-70.28	6.13	-64.15	-13.00	-51.15	peak	H
2	215.0000	-60.47	-0.43	-60.90	-13.00	-47.90	peak	H
3	329.5000	-61.53	-1.35	-62.88	-13.00	-49.88	peak	H
4	432.0000	-74.37	3.03	-71.34	-13.00	-58.34	peak	H
5	576.0000	-76.56	6.64	-69.92	-13.00	-56.92	peak	H
6	720.0000	-78.08	7.39	-70.69	-13.00	-57.69	peak	H
7	3268.000	-71.49	12.26	-59.23	-13.00	-46.23	peak	H
8	4684.000	-74.31	14.98	-59.33	-13.00	-46.33	peak	H
9	7120.000	-74.03	23.86	-50.17	-13.00	-37.17	peak	H
1	157.5000	-68.22	17.72	-50.50	-13.00	-37.50	peak	V
2	200.5000	-65.28	9.73	-55.55	-13.00	-42.55	peak	V
3	330.5000	-63.40	0.51	-62.89	-13.00	-49.89	peak	V
4	480.0000	-61.59	1.65	-59.94	-13.00	-46.94	peak	V
5	601.5000	-68.20	6.63	-61.57	-13.00	-48.57	peak	V
6	716.0000	-77.60	10.63	-66.97	-13.00	-53.97	peak	V
7	3244.000	-70.78	15.43	-55.35	-13.00	-42.35	peak	V
8	4720.000	-73.54	19.52	-54.02	-13.00	-41.02	peak	V
9	7180.000	-75.13	21.74	-53.39	-13.00	-40.39	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	QPSK		
Frequency:	1732.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.35	0.99	-67.36	-13.00	-54.36	peak	H
2	209.0000	-61.66	0.30	-61.36	-13.00	-48.36	peak	H
3	330.0000	-61.40	-1.36	-62.76	-13.00	-49.76	peak	H
4	467.5000	-72.74	4.36	-68.38	-13.00	-55.38	peak	H
5	576.0000	-76.93	6.64	-70.29	-13.00	-57.29	peak	H
6	720.0000	-77.49	7.39	-70.10	-13.00	-57.10	peak	H
7	3280.000	-71.00	12.31	-58.69	-13.00	-45.69	peak	H
8	4684.000	-74.07	14.98	-59.09	-13.00	-46.09	peak	H
9	7180.000	-74.71	24.04	-50.67	-13.00	-37.67	peak	H
1	130.5000	-70.68	19.05	-51.63	-13.00	-38.63	peak	V
2	200.5000	-64.00	9.73	-54.27	-13.00	-41.27	peak	V
3	332.5000	-63.22	0.51	-62.71	-13.00	-49.71	peak	V
4	480.0000	-61.78	1.65	-60.13	-13.00	-47.13	peak	V
5	600.0000	-72.33	6.49	-65.84	-13.00	-52.84	peak	V
6	673.0000	-77.72	9.25	-68.47	-13.00	-55.47	peak	V
7	3244.000	-71.03	15.43	-55.60	-13.00	-42.60	peak	V
8	4684.000	-73.71	19.45	-54.26	-13.00	-41.26	peak	V
9	7024.000	-73.82	21.48	-52.34	-13.00	-39.34	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	QPSK		
Frequency:	1754.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-67.91	0.99	-66.92	-13.00	-53.92	peak	H
2	288.0000	-61.40	-4.10	-65.50	-13.00	-52.50	peak	H
3	367.5000	-61.33	-0.49	-61.82	-13.00	-48.82	peak	H
4	467.5000	-72.05	4.36	-67.69	-13.00	-54.69	peak	H
5	576.0000	-76.82	6.64	-70.18	-13.00	-57.18	peak	H
6	720.0000	-79.28	7.39	-71.89	-13.00	-58.89	peak	H
7	3328.000	-71.75	12.45	-59.30	-13.00	-46.30	peak	H
8	4708.000	-75.02	15.11	-59.91	-13.00	-46.91	peak	H
9	7132.000	-75.85	23.89	-51.96	-13.00	-38.96	peak	H
1	133.5000	-72.14	17.84	-54.30	-13.00	-41.30	peak	V
2	200.5000	-64.63	9.73	-54.90	-13.00	-41.90	peak	V
3	336.0000	-65.09	0.50	-64.59	-13.00	-51.59	peak	V
4	480.0000	-61.91	1.65	-60.26	-13.00	-47.26	peak	V
5	601.5000	-68.97	6.63	-62.34	-13.00	-49.34	peak	V
6	687.5000	-77.55	9.64	-67.91	-13.00	-54.91	peak	V
7	3292.000	-71.07	15.73	-55.34	-13.00	-42.34	peak	V
8	4720.000	-73.53	19.52	-54.01	-13.00	-41.01	peak	V
9	7120.000	-74.68	21.63	-53.05	-13.00	-40.05	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	QPSK		
Frequency:	1711.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-69.51	6.13	-63.38	-13.00	-50.38	peak	H
2	288.0000	-60.47	-4.10	-64.57	-13.00	-51.57	peak	H
3	367.5000	-60.75	-0.49	-61.24	-13.00	-48.24	peak	H
4	480.0000	-72.64	4.99	-67.65	-13.00	-54.65	peak	H
5	576.0000	-75.76	6.64	-69.12	-13.00	-56.12	peak	H
6	668.0000	-78.26	6.82	-71.44	-13.00	-58.44	peak	H
7	3292.000	-72.03	12.35	-59.68	-13.00	-46.68	peak	H
8	4684.000	-74.37	14.98	-59.39	-13.00	-46.39	peak	H
9	7120.000	-74.41	23.86	-50.55	-13.00	-37.55	peak	H
1	157.5000	-67.77	17.72	-50.05	-13.00	-37.05	peak	V
2	200.5000	-64.11	9.73	-54.38	-13.00	-41.38	peak	V
3	336.0000	-65.67	0.50	-65.17	-13.00	-52.17	peak	V
4	480.0000	-61.52	1.65	-59.87	-13.00	-46.87	peak	V
5	601.5000	-68.78	6.63	-62.15	-13.00	-49.15	peak	V
6	701.5000	-78.15	10.16	-67.99	-13.00	-54.99	peak	V
7	3292.000	-72.15	15.73	-56.42	-13.00	-43.42	peak	V
8	4732.000	-73.22	19.54	-53.68	-13.00	-40.68	peak	V
9	7084.000	-74.70	21.57	-53.13	-13.00	-40.13	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	QPSK		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-67.70	5.10	-62.60	-13.00	-49.60	peak	H
2	209.0000	-61.77	0.30	-61.47	-13.00	-48.47	peak	H
3	329.0000	-61.94	-1.36	-63.30	-13.00	-50.30	peak	H
4	367.5000	-61.03	-0.49	-61.52	-13.00	-48.52	peak	H
5	467.5000	-72.12	4.36	-67.76	-13.00	-54.76	peak	H
6	576.0000	-75.78	6.64	-69.14	-13.00	-56.14	peak	H
7	3196.000	-72.24	12.05	-60.19	-13.00	-47.19	peak	H
8	4768.000	-74.04	15.44	-58.60	-13.00	-45.60	peak	H
9	7204.000	-73.74	24.10	-49.64	-13.00	-36.64	peak	H
1	167.0000	-62.53	11.07	-51.46	-13.00	-38.46	peak	V
2	200.5000	-67.25	9.73	-57.52	-13.00	-44.52	peak	V
3	336.0000	-66.36	0.50	-65.86	-13.00	-52.86	peak	V
4	480.0000	-62.11	1.65	-60.46	-13.00	-47.46	peak	V
5	601.5000	-68.95	6.63	-62.32	-13.00	-49.32	peak	V
6	701.5000	-76.84	10.16	-66.68	-13.00	-53.68	peak	V
7	3292.000	-71.64	15.73	-55.91	-13.00	-42.91	peak	V
8	4684.000	-75.37	19.45	-55.92	-13.00	-42.92	peak	V
9	7120.000	-75.31	21.63	-53.68	-13.00	-40.68	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum. (%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	QPSK		
Frequency:	1753.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-67.25	5.23	-62.02	-13.00	-49.02	peak	H
2	214.0000	-61.29	-0.35	-61.64	-13.00	-48.64	peak	H
3	367.5000	-60.80	-0.49	-61.29	-13.00	-48.29	peak	H
4	467.5000	-72.21	4.36	-67.85	-13.00	-54.85	peak	H
5	576.0000	-75.45	6.64	-68.81	-13.00	-55.81	peak	H
6	701.5000	-78.88	6.91	-71.97	-13.00	-58.97	peak	H
7	3268.000	-71.75	12.26	-59.49	-13.00	-46.49	peak	H
8	4780.000	-73.27	15.50	-57.77	-13.00	-44.77	peak	H
9	7120.000	-73.88	23.86	-50.02	-13.00	-37.02	peak	H
1	156.0000	-66.75	17.09	-49.66	-13.00	-36.66	peak	V
2	200.5000	-69.26	9.73	-59.53	-13.00	-46.53	peak	V
3	332.0000	-63.75	0.50	-63.25	-13.00	-50.25	peak	V
4	480.0000	-61.99	1.65	-60.34	-13.00	-47.34	peak	V
5	601.5000	-68.15	6.63	-61.52	-13.00	-48.52	peak	V
6	687.0000	-77.29	9.62	-67.67	-13.00	-54.67	peak	V
7	3172.000	-70.18	14.98	-55.20	-13.00	-42.20	peak	V
8	4768.000	-73.20	19.61	-53.59	-13.00	-40.59	peak	V
9	7132.000	-73.65	21.65	-52.00	-13.00	-39.00	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	QPSK		
Frequency:	1712.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.0000	-69.49	6.00	-63.49	-13.00	-50.49	peak	H
2	214.0000	-60.93	-0.35	-61.28	-13.00	-48.28	peak	H
3	367.5000	-61.24	-0.49	-61.73	-13.00	-48.73	peak	H
4	467.5000	-71.47	4.36	-67.11	-13.00	-54.11	peak	H
5	576.0000	-75.66	6.64	-69.02	-13.00	-56.02	peak	H
6	668.0000	-79.88	6.82	-73.06	-13.00	-60.06	peak	H
7	3280.000	-71.79	12.31	-59.48	-13.00	-46.48	peak	H
8	4804.000	-74.98	15.63	-59.35	-13.00	-46.35	peak	H
9	7108.000	-75.51	23.84	-51.67	-13.00	-38.67	peak	H
1	155.0000	-67.36	16.67	-50.69	-13.00	-37.69	peak	V
2	200.5000	-65.77	9.73	-56.04	-13.00	-43.04	peak	V
3	331.5000	-65.79	0.51	-65.28	-13.00	-52.28	peak	V
4	480.0000	-62.74	1.65	-61.09	-13.00	-48.09	peak	V
5	601.5000	-68.28	6.63	-61.65	-13.00	-48.65	peak	V
6	720.0000	-75.93	10.76	-65.17	-13.00	-52.17	peak	V
7	3244.000	-71.62	15.43	-56.19	-13.00	-43.19	peak	V
8	4708.000	-74.83	19.49	-55.34	-13.00	-42.34	peak	V
9	7204.000	-75.50	21.76	-53.74	-13.00	-40.74	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	QPSK		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.76	6.51	-62.25	-13.00	-49.25	peak	H
2	200.5000	-66.13	2.48	-63.65	-13.00	-50.65	peak	H
3	288.0000	-60.98	-4.10	-65.08	-13.00	-52.08	peak	H
4	367.5000	-61.44	-0.49	-61.93	-13.00	-48.93	peak	H
5	467.5000	-72.94	4.36	-68.58	-13.00	-55.58	peak	H
6	576.0000	-75.89	6.64	-69.25	-13.00	-56.25	peak	H
7	3232.000	-70.68	12.16	-58.52	-13.00	-45.52	peak	H
8	4684.000	-73.85	14.98	-58.87	-13.00	-45.87	peak	H
9	7072.000	-74.56	23.73	-50.83	-13.00	-37.83	peak	H
1	144.0000	-65.09	14.96	-50.13	-13.00	-37.13	peak	V
2	200.5000	-65.10	9.73	-55.37	-13.00	-42.37	peak	V
3	334.0000	-63.35	0.50	-62.85	-13.00	-49.85	peak	V
4	480.0000	-62.07	1.65	-60.42	-13.00	-47.42	peak	V
5	601.5000	-66.83	6.63	-60.20	-13.00	-47.20	peak	V
6	768.0000	-76.09	10.90	-65.19	-13.00	-52.19	peak	V
7	3316.000	-71.02	15.87	-55.15	-13.00	-42.15	peak	V
8	4708.000	-75.89	19.49	-56.40	-13.00	-43.40	peak	V
9	7156.000	-75.17	21.69	-53.48	-13.00	-40.48	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	QPSK		
Frequency:	1752.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-72.40	6.51	-65.89	-13.00	-52.89	peak	H
2	200.5000	-66.29	2.48	-63.81	-13.00	-50.81	peak	H
3	367.5000	-61.89	-0.49	-62.38	-13.00	-49.38	peak	H
4	467.5000	-72.16	4.36	-67.80	-13.00	-54.80	peak	H
5	576.0000	-75.56	6.64	-68.92	-13.00	-55.92	peak	H
6	624.0000	-79.77	6.90	-72.87	-13.00	-59.87	peak	H
7	3268.000	-70.25	12.26	-57.99	-13.00	-44.99	peak	H
8	4804.000	-72.74	15.63	-57.11	-13.00	-44.11	peak	H
9	7108.000	-75.59	23.84	-51.75	-13.00	-38.75	peak	H
1	144.0000	-65.82	14.96	-50.86	-13.00	-37.86	peak	V
2	213.5000	-70.71	7.14	-63.57	-13.00	-50.57	peak	V
3	336.0000	-62.88	0.50	-62.38	-13.00	-49.38	peak	V
4	480.0000	-64.39	1.65	-62.74	-13.00	-49.74	peak	V
5	601.5000	-69.43	6.63	-62.80	-13.00	-49.80	peak	V
6	672.0000	-76.90	9.23	-67.67	-13.00	-54.67	peak	V
7	3184.000	-72.28	15.06	-57.22	-13.00	-44.22	peak	V
8	4732.000	-74.71	19.54	-55.17	-13.00	-42.17	peak	V
9	7180.000	-74.06	21.74	-52.32	-13.00	-39.32	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum. (%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	QPSK		
Frequency:	1715.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-73.00	6.51	-66.49	-13.00	-53.49	peak	H
2	288.0000	-60.02	-4.10	-64.12	-13.00	-51.12	peak	H
3	367.5000	-61.33	-0.49	-61.82	-13.00	-48.82	peak	H
4	467.5000	-71.86	4.36	-67.50	-13.00	-54.50	peak	H
5	576.0000	-76.23	6.64	-69.59	-13.00	-56.59	peak	H
6	720.0000	-77.91	7.39	-70.52	-13.00	-57.52	peak	H
7	3340.000	-70.86	12.49	-58.37	-13.00	-45.37	peak	H
8	4684.000	-74.25	14.98	-59.27	-13.00	-46.27	peak	H
9	7168.000	-75.32	24.01	-51.31	-13.00	-38.31	peak	H
1	157.5000	-67.84	17.72	-50.12	-13.00	-37.12	peak	V
2	200.5000	-65.12	9.73	-55.39	-13.00	-42.39	peak	V
3	335.5000	-63.40	0.51	-62.89	-13.00	-49.89	peak	V
4	480.0000	-63.00	1.65	-61.35	-13.00	-48.35	peak	V
5	601.5000	-69.18	6.63	-62.55	-13.00	-49.55	peak	V
6	716.0000	-76.86	10.63	-66.23	-13.00	-53.23	peak	V
7	3292.000	-71.00	15.73	-55.27	-13.00	-42.27	peak	V
8	4732.000	-73.84	19.54	-54.30	-13.00	-41.30	peak	V
9	7084.000	-75.31	21.57	-53.74	-13.00	-40.74	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	QPSK		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.0000	-70.22	6.26	-63.96	-13.00	-50.96	peak	H
2	210.0000	-62.08	0.05	-62.03	-13.00	-49.03	peak	H
3	367.5000	-61.10	-0.49	-61.59	-13.00	-48.59	peak	H
4	467.5000	-73.57	4.36	-69.21	-13.00	-56.21	peak	H
5	528.0000	-76.88	7.01	-69.87	-13.00	-56.87	peak	H
6	624.0000	-78.20	6.90	-71.30	-13.00	-58.30	peak	H
7	3292.000	-71.75	12.35	-59.40	-13.00	-46.40	peak	H
8	4732.000	-74.69	15.24	-59.45	-13.00	-46.45	peak	H
9	7072.000	-74.71	23.73	-50.98	-13.00	-37.98	peak	H
1	156.0000	-67.35	17.09	-50.26	-13.00	-37.26	peak	V
2	200.5000	-64.74	9.73	-55.01	-13.00	-42.01	peak	V
3	331.5000	-63.53	0.51	-63.02	-13.00	-50.02	peak	V
4	480.0000	-63.15	1.65	-61.50	-13.00	-48.50	peak	V
5	601.5000	-68.11	6.63	-61.48	-13.00	-48.48	peak	V
6	720.0000	-77.82	10.76	-67.06	-13.00	-54.06	peak	V
7	3292.000	-71.55	15.73	-55.82	-13.00	-42.82	peak	V
8	4708.000	-74.70	19.49	-55.21	-13.00	-42.21	peak	V
9	7180.000	-74.55	21.74	-52.81	-13.00	-39.81	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	QPSK		
Frequency:	1750.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-67.65	5.10	-62.55	-13.00	-49.55	peak	H
2	203.5000	-63.94	1.71	-62.23	-13.00	-49.23	peak	H
3	288.0000	-60.03	-4.10	-64.13	-13.00	-51.13	peak	H
4	367.5000	-61.16	-0.49	-61.65	-13.00	-48.65	peak	H
5	528.0000	-78.16	7.01	-71.15	-13.00	-58.15	peak	H
6	630.5000	-80.43	6.68	-73.75	-13.00	-60.75	peak	H
7	3268.000	-72.70	12.26	-60.44	-13.00	-47.44	peak	H
8	4816.000	-75.72	15.70	-60.02	-13.00	-47.02	peak	H
9	7156.000	-74.56	23.97	-50.59	-13.00	-37.59	peak	H
1	144.0000	-66.42	14.96	-51.46	-13.00	-38.46	peak	V
2	200.5000	-66.10	9.73	-56.37	-13.00	-43.37	peak	V
3	336.0000	-62.96	0.50	-62.46	-13.00	-49.46	peak	V
4	528.0000	-69.09	2.69	-66.40	-13.00	-53.40	peak	V
5	601.5000	-68.71	6.63	-62.08	-13.00	-49.08	peak	V
6	672.0000	-78.39	9.23	-69.16	-13.00	-56.16	peak	V
7	3280.000	-72.25	15.65	-56.60	-13.00	-43.60	peak	V
8	4732.000	-72.28	19.54	-52.74	-13.00	-39.74	peak	V
9	7132.000	-75.72	21.65	-54.07	-13.00	-41.07	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	QPSK		
Frequency:	1717.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-69.11	6.90	-62.21	-13.00	-49.21	peak	H
2	214.5000	-61.13	-0.39	-61.52	-13.00	-48.52	peak	H
3	367.5000	-61.25	-0.49	-61.74	-13.00	-48.74	peak	H
4	467.5000	-72.84	4.36	-68.48	-13.00	-55.48	peak	H
5	576.0000	-74.93	6.64	-68.29	-13.00	-55.29	peak	H
6	701.5000	-77.73	6.91	-70.82	-13.00	-57.82	peak	H
7	3232.000	-71.48	12.16	-59.32	-13.00	-46.32	peak	H
8	4768.000	-73.57	15.44	-58.13	-13.00	-45.13	peak	H
9	7168.000	-74.86	24.01	-50.85	-13.00	-37.85	peak	H
1	157.5000	-67.67	17.72	-49.95	-13.00	-36.95	peak	V
2	200.5000	-64.97	9.73	-55.24	-13.00	-42.24	peak	V
3	336.5000	-64.39	0.51	-63.88	-13.00	-50.88	peak	V
4	480.0000	-63.89	1.65	-62.24	-13.00	-49.24	peak	V
5	601.5000	-69.31	6.63	-62.68	-13.00	-49.68	peak	V
6	720.0000	-78.08	10.76	-67.32	-13.00	-54.32	peak	V
7	3292.000	-73.28	15.73	-57.55	-13.00	-44.55	peak	V
8	4768.000	-73.63	19.61	-54.02	-13.00	-41.02	peak	V
9	7120.000	-75.22	21.63	-53.59	-13.00	-40.59	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	QPSK		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.5000	-70.93	5.36	-65.57	-13.00	-52.57	peak	H
2	204.5000	-63.13	1.47	-61.66	-13.00	-48.66	peak	H
3	327.5000	-62.09	-1.37	-63.46	-13.00	-50.46	peak	H
4	367.5000	-61.02	-0.49	-61.51	-13.00	-48.51	peak	H
5	576.0000	-74.95	6.64	-68.31	-13.00	-55.31	peak	H
6	701.5000	-79.22	6.91	-72.31	-13.00	-59.31	peak	H
7	3244.000	-69.82	12.19	-57.63	-13.00	-44.63	peak	H
8	4732.000	-73.96	15.24	-58.72	-13.00	-45.72	peak	H
9	7132.000	-74.85	23.89	-50.96	-13.00	-37.96	peak	H
1	144.0000	-65.46	14.96	-50.50	-13.00	-37.50	peak	V
2	200.5000	-63.99	9.73	-54.26	-13.00	-41.26	peak	V
3	331.0000	-63.18	0.50	-62.68	-13.00	-49.68	peak	V
4	480.0000	-62.71	1.65	-61.06	-13.00	-48.06	peak	V
5	601.5000	-68.59	6.63	-61.96	-13.00	-48.96	peak	V
6	720.0000	-79.03	10.76	-68.27	-13.00	-55.27	peak	V
7	3268.000	-71.75	15.57	-56.18	-13.00	-43.18	peak	V
8	4708.000	-73.31	19.49	-53.82	-13.00	-40.82	peak	V
9	7132.000	-73.93	21.65	-52.28	-13.00	-39.28	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	QPSK		
Frequency:	1747.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	153.5000	-69.88	5.88	-64.00	-13.00	-51.00	peak	H
2	203.5000	-63.33	1.71	-61.62	-13.00	-48.62	peak	H
3	288.0000	-59.38	-4.10	-63.48	-13.00	-50.48	peak	H
4	367.5000	-61.47	-0.49	-61.96	-13.00	-48.96	peak	H
5	467.5000	-72.78	4.36	-68.42	-13.00	-55.42	peak	H
6	601.5000	-78.61	6.99	-71.62	-13.00	-58.62	peak	H
7	3280.000	-72.04	12.31	-59.73	-13.00	-46.73	peak	H
8	4732.000	-73.74	15.24	-58.50	-13.00	-45.50	peak	H
9	7072.000	-73.63	23.73	-49.90	-13.00	-36.90	peak	H
1	144.0000	-66.56	14.96	-51.60	-13.00	-38.60	peak	V
2	200.5000	-64.82	9.73	-55.09	-13.00	-42.09	peak	V
3	331.0000	-63.48	0.50	-62.98	-13.00	-49.98	peak	V
4	480.0000	-63.42	1.65	-61.77	-13.00	-48.77	peak	V
5	601.5000	-69.39	6.63	-62.76	-13.00	-49.76	peak	V
6	720.0000	-77.94	10.76	-67.18	-13.00	-54.18	peak	V
7	3268.000	-71.34	15.57	-55.77	-13.00	-42.77	peak	V
8	4756.000	-73.90	19.59	-54.31	-13.00	-41.31	peak	V
9	7120.000	-74.02	21.63	-52.39	-13.00	-39.39	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	QPSK		
Frequency:	1720.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-69.15	6.63	-62.52	-13.00	-49.52	peak	H
2	214.5000	-60.44	-0.39	-60.83	-13.00	-47.83	peak	H
3	367.5000	-62.04	-0.49	-62.53	-13.00	-49.53	peak	H
4	467.5000	-73.05	4.36	-68.69	-13.00	-55.69	peak	H
5	576.0000	-75.68	6.64	-69.04	-13.00	-56.04	peak	H
6	672.0000	-78.92	6.81	-72.11	-13.00	-59.11	peak	H
7	3268.000	-69.86	12.26	-57.60	-13.00	-44.60	peak	H
8	4756.000	-73.80	15.38	-58.42	-13.00	-45.42	peak	H
9	7108.000	-73.46	23.84	-49.62	-13.00	-36.62	peak	H
1	133.5000	-73.79	17.84	-55.95	-13.00	-42.95	peak	V
2	157.5000	-68.43	17.72	-50.71	-13.00	-37.71	peak	V
3	200.5000	-69.11	9.73	-59.38	-13.00	-46.38	peak	V
4	331.0000	-64.43	0.50	-63.93	-13.00	-50.93	peak	V
5	480.0000	-63.74	1.65	-62.09	-13.00	-49.09	peak	V
6	601.5000	-69.54	6.63	-62.91	-13.00	-49.91	peak	V
7	3232.000	-69.94	15.36	-54.58	-13.00	-41.58	peak	V
8	4816.000	-72.01	19.70	-52.31	-13.00	-39.31	peak	V
9	7168.000	-74.50	21.72	-52.78	-13.00	-39.78	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	QPSK		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-69.03	6.13	-62.90	-13.00	-49.90	peak	H
2	204.5000	-63.57	1.47	-62.10	-13.00	-49.10	peak	H
3	367.5000	-60.94	-0.49	-61.43	-13.00	-48.43	peak	H
4	467.5000	-73.23	4.36	-68.87	-13.00	-55.87	peak	H
5	576.0000	-75.56	6.64	-68.92	-13.00	-55.92	peak	H
6	667.5000	-80.41	6.82	-73.59	-13.00	-60.59	peak	H
7	3364.000	-71.05	12.57	-58.48	-13.00	-45.48	peak	H
8	4732.000	-73.83	15.24	-58.59	-13.00	-45.59	peak	H
9	7120.000	-75.79	23.86	-51.93	-13.00	-38.93	peak	H
1	144.0000	-64.28	14.96	-49.32	-13.00	-36.32	peak	V
2	200.5000	-65.76	9.73	-56.03	-13.00	-43.03	peak	V
3	336.0000	-65.39	0.50	-64.89	-13.00	-51.89	peak	V
4	480.0000	-63.20	1.65	-61.55	-13.00	-48.55	peak	V
5	601.5000	-69.40	6.63	-62.77	-13.00	-49.77	peak	V
6	720.0000	-77.97	10.76	-67.21	-13.00	-54.21	peak	V
7	3232.000	-70.06	15.36	-54.70	-13.00	-41.70	peak	V
8	4720.000	-74.10	19.52	-54.58	-13.00	-41.58	peak	V
9	7156.000	-74.75	21.69	-53.06	-13.00	-40.06	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	QPSK		
Frequency:	1745.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.5000	-70.16	5.36	-64.80	-13.00	-51.80	peak	H
2	202.5000	-64.88	1.97	-62.91	-13.00	-49.91	peak	H
3	367.5000	-60.81	-0.49	-61.30	-13.00	-48.30	peak	H
4	432.0000	-73.30	3.03	-70.27	-13.00	-57.27	peak	H
5	576.0000	-75.27	6.64	-68.63	-13.00	-55.63	peak	H
6	720.0000	-79.65	7.39	-72.26	-13.00	-59.26	peak	H
7	3280.000	-70.80	12.31	-58.49	-13.00	-45.49	peak	H
8	4720.000	-75.18	15.18	-60.00	-13.00	-47.00	peak	H
9	7024.000	-73.92	23.59	-50.33	-13.00	-37.33	peak	H
1	144.0000	-64.48	14.96	-49.52	-13.00	-36.52	peak	V
2	200.5000	-67.49	9.73	-57.76	-13.00	-44.76	peak	V
3	336.0000	-62.66	0.50	-62.16	-13.00	-49.16	peak	V
4	480.0000	-63.02	1.65	-61.37	-13.00	-48.37	peak	V
5	601.5000	-68.28	6.63	-61.65	-13.00	-48.65	peak	V
6	673.0000	-78.28	9.25	-69.03	-13.00	-56.03	peak	V
7	3316.000	-71.89	15.87	-56.02	-13.00	-43.02	peak	V
8	4732.000	-75.33	19.54	-55.79	-13.00	-42.79	peak	V
9	7084.000	-73.34	21.57	-51.77	-13.00	-38.77	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	16QAM		
Frequency:	1710.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.53	0.99	-67.54	-13.00	-54.54	peak	H
2	288.0000	-60.87	-4.10	-64.97	-13.00	-51.97	peak	H
3	367.5000	-61.25	-0.49	-61.74	-13.00	-48.74	peak	H
4	467.5000	-71.75	4.36	-67.39	-13.00	-54.39	peak	H
5	576.0000	-76.12	6.64	-69.48	-13.00	-56.48	peak	H
6	720.0000	-79.28	7.39	-71.89	-13.00	-58.89	peak	H
7	3220.000	-70.69	12.11	-58.58	-13.00	-45.58	peak	H
8	4720.000	-74.31	15.18	-59.13	-13.00	-46.13	peak	H
9	7120.000	-72.71	23.86	-48.85	-13.00	-35.85	peak	H
1	133.5000	-69.39	17.84	-51.55	-13.00	-38.55	peak	V
2	167.0000	-62.23	11.07	-51.16	-13.00	-38.16	peak	V
3	200.5000	-67.51	9.73	-57.78	-13.00	-44.78	peak	V
4	333.5000	-64.10	0.51	-63.59	-13.00	-50.59	peak	V
5	480.0000	-61.94	1.65	-60.29	-13.00	-47.29	peak	V
6	601.5000	-68.46	6.63	-61.83	-13.00	-48.83	peak	V
7	3268.000	-71.51	15.57	-55.94	-13.00	-42.94	peak	V
8	4684.000	-73.61	19.45	-54.16	-13.00	-41.16	peak	V
9	7120.000	-73.64	21.63	-52.01	-13.00	-39.01	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	16QAM		
Frequency:	1732.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-67.68	5.23	-62.45	-13.00	-49.45	peak	H
2	213.0000	-64.94	-0.25	-65.19	-13.00	-52.19	peak	H
3	367.5000	-61.12	-0.49	-61.61	-13.00	-48.61	peak	H
4	467.5000	-72.16	4.36	-67.80	-13.00	-54.80	peak	H
5	576.0000	-75.80	6.64	-69.16	-13.00	-56.16	peak	H
6	668.0000	-79.11	6.82	-72.29	-13.00	-59.29	peak	H
7	3268.000	-70.84	12.26	-58.58	-13.00	-45.58	peak	H
8	4708.000	-74.93	15.11	-59.82	-13.00	-46.82	peak	H
9	7120.000	-73.02	23.86	-49.16	-13.00	-36.16	peak	H
1	157.5000	-67.93	17.72	-50.21	-13.00	-37.21	peak	V
2	200.5000	-65.85	9.73	-56.12	-13.00	-43.12	peak	V
3	336.0000	-64.62	0.50	-64.12	-13.00	-51.12	peak	V
4	480.0000	-61.36	1.65	-59.71	-13.00	-46.71	peak	V
5	601.5000	-67.37	6.63	-60.74	-13.00	-47.74	peak	V
6	716.0000	-77.99	10.63	-67.36	-13.00	-54.36	peak	V
7	3316.000	-70.43	15.87	-54.56	-13.00	-41.56	peak	V
8	4732.000	-73.61	19.54	-54.07	-13.00	-41.07	peak	V
9	7036.000	-73.38	21.52	-51.86	-13.00	-38.86	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	16QAM		
Frequency:	1754.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.27	6.38	-61.89	-13.00	-48.89	peak	H
2	218.0000	-63.43	-0.74	-64.17	-13.00	-51.17	peak	H
3	367.5000	-61.28	-0.49	-61.77	-13.00	-48.77	peak	H
4	467.5000	-72.20	4.36	-67.84	-13.00	-54.84	peak	H
5	576.0000	-75.45	6.64	-68.81	-13.00	-55.81	peak	H
6	720.0000	-78.47	7.39	-71.08	-13.00	-58.08	peak	H
7	3292.000	-71.03	12.35	-58.68	-13.00	-45.68	peak	H
8	4816.000	-74.70	15.70	-59.00	-13.00	-46.00	peak	H
9	7156.000	-74.07	23.97	-50.10	-13.00	-37.10	peak	H
1	144.0000	-66.96	14.96	-52.00	-13.00	-39.00	peak	V
2	200.5000	-64.33	9.73	-54.60	-13.00	-41.60	peak	V
3	336.0000	-64.90	0.50	-64.40	-13.00	-51.40	peak	V
4	480.0000	-61.49	1.65	-59.84	-13.00	-46.84	peak	V
5	601.5000	-68.34	6.63	-61.71	-13.00	-48.71	peak	V
6	672.0000	-77.93	9.23	-68.70	-13.00	-55.70	peak	V
7	3244.000	-70.14	15.43	-54.71	-13.00	-41.71	peak	V
8	4720.000	-73.44	19.52	-53.92	-13.00	-40.92	peak	V
9	7108.000	-73.19	21.63	-51.56	-13.00	-38.56	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	16QAM		
Frequency:	1711.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-67.34	5.23	-62.11	-13.00	-49.11	peak	H
2	220.0000	-62.44	-0.94	-63.38	-13.00	-50.38	peak	H
3	367.5000	-60.87	-0.49	-61.36	-13.00	-48.36	peak	H
4	467.5000	-72.17	4.36	-67.81	-13.00	-54.81	peak	H
5	576.0000	-75.71	6.64	-69.07	-13.00	-56.07	peak	H
6	672.0000	-77.59	6.81	-70.78	-13.00	-57.78	peak	H
7	3244.000	-70.50	12.19	-58.31	-13.00	-45.31	peak	H
8	4732.000	-74.48	15.24	-59.24	-13.00	-46.24	peak	H
9	7072.000	-75.30	23.73	-51.57	-13.00	-38.57	peak	H
1	157.5000	-67.18	17.72	-49.46	-13.00	-36.46	peak	V
2	200.5000	-64.31	9.73	-54.58	-13.00	-41.58	peak	V
3	334.0000	-64.67	0.50	-64.17	-13.00	-51.17	peak	V
4	480.0000	-61.67	1.65	-60.02	-13.00	-47.02	peak	V
5	601.5000	-68.43	6.63	-61.80	-13.00	-48.80	peak	V
6	673.0000	-76.35	9.25	-67.10	-13.00	-54.10	peak	V
7	3268.000	-70.75	15.57	-55.18	-13.00	-42.18	peak	V
8	4720.000	-74.00	19.52	-54.48	-13.00	-41.48	peak	V
9	7132.000	-75.38	21.65	-53.73	-13.00	-40.73	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	16QAM		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.0000	-72.84	6.76	-66.08	-13.00	-53.08	peak	H
2	215.0000	-60.59	-0.43	-61.02	-13.00	-48.02	peak	H
3	329.5000	-61.87	-1.35	-63.22	-13.00	-50.22	peak	H
4	367.5000	-60.99	-0.49	-61.48	-13.00	-48.48	peak	H
5	480.0000	-75.16	4.99	-70.17	-13.00	-57.17	peak	H
6	624.0000	-80.18	6.90	-73.28	-13.00	-60.28	peak	H
7	3268.000	-68.86	12.26	-56.60	-13.00	-43.60	peak	H
8	4720.000	-74.31	15.18	-59.13	-13.00	-46.13	peak	H
9	7108.000	-72.03	23.84	-48.19	-13.00	-35.19	peak	H
1	167.0000	-62.66	11.07	-51.59	-13.00	-38.59	peak	V
2	200.5000	-66.22	9.73	-56.49	-13.00	-43.49	peak	V
3	336.0000	-63.23	0.50	-62.73	-13.00	-49.73	peak	V
4	480.0000	-62.74	1.65	-61.09	-13.00	-48.09	peak	V
5	601.5000	-68.72	6.63	-62.09	-13.00	-49.09	peak	V
6	687.0000	-76.79	9.62	-67.17	-13.00	-54.17	peak	V
7	3268.000	-71.30	15.57	-55.73	-13.00	-42.73	peak	V
8	4732.000	-73.18	19.54	-53.64	-13.00	-40.64	peak	V
9	7156.000	-73.11	21.69	-51.42	-13.00	-38.42	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum. (%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	16QAM		
Frequency:	1753.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	149.0000	-69.56	4.63	-64.93	-13.00	-51.93	peak	H
2	215.0000	-61.02	-0.43	-61.45	-13.00	-48.45	peak	H
3	288.0000	-60.08	-4.10	-64.18	-13.00	-51.18	peak	H
4	367.5000	-61.35	-0.49	-61.84	-13.00	-48.84	peak	H
5	467.5000	-72.39	4.36	-68.03	-13.00	-55.03	peak	H
6	668.0000	-79.77	6.82	-72.95	-13.00	-59.95	peak	H
7	3280.000	-71.91	12.31	-59.60	-13.00	-46.60	peak	H
8	4720.000	-75.59	15.18	-60.41	-13.00	-47.41	peak	H
9	7132.000	-74.49	23.89	-50.60	-13.00	-37.60	peak	H
1	167.0000	-62.19	11.07	-51.12	-13.00	-38.12	peak	V
2	200.5000	-65.75	9.73	-56.02	-13.00	-43.02	peak	V
3	336.0000	-65.47	0.50	-64.97	-13.00	-51.97	peak	V
4	480.0000	-63.17	1.65	-61.52	-13.00	-48.52	peak	V
5	601.5000	-68.34	6.63	-61.71	-13.00	-48.71	peak	V
6	716.0000	-77.88	10.63	-67.25	-13.00	-54.25	peak	V
7	3316.000	-73.26	15.87	-57.39	-13.00	-44.39	peak	V
8	4780.000	-74.74	19.63	-55.11	-13.00	-42.11	peak	V
9	7156.000	-75.27	21.69	-53.58	-13.00	-40.58	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	16QAM		
Frequency:	1712.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.75	6.38	-62.37	-13.00	-49.37	peak	H
2	204.0000	-63.10	1.58	-61.52	-13.00	-48.52	peak	H
3	367.5000	-60.53	-0.49	-61.02	-13.00	-48.02	peak	H
4	467.5000	-72.72	4.36	-68.36	-13.00	-55.36	peak	H
5	528.0000	-76.97	7.01	-69.96	-13.00	-56.96	peak	H
6	672.0000	-78.83	6.81	-72.02	-13.00	-59.02	peak	H
7	3316.000	-71.83	12.41	-59.42	-13.00	-46.42	peak	H
8	4756.000	-74.36	15.38	-58.98	-13.00	-45.98	peak	H
9	7060.000	-74.42	23.69	-50.73	-13.00	-37.73	peak	H
1	157.5000	-68.06	17.72	-50.34	-13.00	-37.34	peak	V
2	200.5000	-68.39	9.73	-58.66	-13.00	-45.66	peak	V
3	332.5000	-63.36	0.51	-62.85	-13.00	-49.85	peak	V
4	480.0000	-63.70	1.65	-62.05	-13.00	-49.05	peak	V
5	601.5000	-70.18	6.63	-63.55	-13.00	-50.55	peak	V
6	716.0000	-77.97	10.63	-67.34	-13.00	-54.34	peak	V
7	3244.000	-72.05	15.43	-56.62	-13.00	-43.62	peak	V
8	4720.000	-75.50	19.52	-55.98	-13.00	-42.98	peak	V
9	7168.000	-74.47	21.72	-52.75	-13.00	-39.75	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	16QAM		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-68.95	6.13	-62.82	-13.00	-49.82	peak	H
2	215.0000	-61.84	-0.43	-62.27	-13.00	-49.27	peak	H
3	367.5000	-61.55	-0.49	-62.04	-13.00	-49.04	peak	H
4	467.5000	-73.07	4.36	-68.71	-13.00	-55.71	peak	H
5	601.5000	-77.44	6.99	-70.45	-13.00	-57.45	peak	H
6	720.0000	-77.42	7.39	-70.03	-13.00	-57.03	peak	H
7	3316.000	-72.01	12.41	-59.60	-13.00	-46.60	peak	H
8	4756.000	-73.16	15.38	-57.78	-13.00	-44.78	peak	H
9	7084.000	-74.48	23.76	-50.72	-13.00	-37.72	peak	H
1	144.0000	-65.33	14.96	-50.37	-13.00	-37.37	peak	V
2	200.5000	-63.66	9.73	-53.93	-13.00	-40.93	peak	V
3	330.0000	-63.19	0.49	-62.70	-13.00	-49.70	peak	V
4	480.0000	-63.75	1.65	-62.10	-13.00	-49.10	peak	V
5	601.5000	-69.18	6.63	-62.55	-13.00	-49.55	peak	V
6	720.0000	-77.98	10.76	-67.22	-13.00	-54.22	peak	V
7	3232.000	-71.50	15.36	-56.14	-13.00	-43.14	peak	V
8	4804.000	-73.31	19.67	-53.64	-13.00	-40.64	peak	V
9	7180.000	-74.24	21.74	-52.50	-13.00	-39.50	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	16QAM		
Frequency:	1752.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	144.0000	-68.67	2.89	-65.78	-13.00	-52.78	peak	H
2	200.5000	-66.11	2.48	-63.63	-13.00	-50.63	peak	H
3	288.0000	-61.09	-4.10	-65.19	-13.00	-52.19	peak	H
4	367.5000	-60.57	-0.49	-61.06	-13.00	-48.06	peak	H
5	467.5000	-72.59	4.36	-68.23	-13.00	-55.23	peak	H
6	601.5000	-78.48	6.99	-71.49	-13.00	-58.49	peak	H
7	3292.000	-70.95	12.35	-58.60	-13.00	-45.60	peak	H
8	4720.000	-74.52	15.18	-59.34	-13.00	-46.34	peak	H
9	7132.000	-73.84	23.89	-49.95	-13.00	-36.95	peak	H
1	144.0000	-64.23	14.96	-49.27	-13.00	-36.27	peak	V
2	200.5000	-64.25	9.73	-54.52	-13.00	-41.52	peak	V
3	336.0000	-65.45	0.50	-64.95	-13.00	-51.95	peak	V
4	480.0000	-63.97	1.65	-62.32	-13.00	-49.32	peak	V
5	601.5000	-67.95	6.63	-61.32	-13.00	-48.32	peak	V
6	668.0000	-77.65	9.17	-68.48	-13.00	-55.48	peak	V
7	3340.000	-70.32	16.02	-54.30	-13.00	-41.30	peak	V
8	4780.000	-74.52	19.63	-54.89	-13.00	-41.89	peak	V
9	7120.000	-75.26	21.63	-53.63	-13.00	-40.63	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	16QAM		
Frequency:	1715.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	148.0000	-69.92	4.29	-65.63	-13.00	-52.63	peak	H
2	200.5000	-67.37	2.48	-64.89	-13.00	-51.89	peak	H
3	288.0000	-61.00	-4.10	-65.10	-13.00	-52.10	peak	H
4	384.0000	-70.18	0.27	-69.91	-13.00	-56.91	peak	H
5	528.0000	-76.64	7.01	-69.63	-13.00	-56.63	peak	H
6	667.5000	-81.06	6.82	-74.24	-13.00	-61.24	peak	H
7	3340.000	-71.52	12.49	-59.03	-13.00	-46.03	peak	H
8	4684.000	-74.09	14.98	-59.11	-13.00	-46.11	peak	H
9	7156.000	-75.21	23.97	-51.24	-13.00	-38.24	peak	H
1	144.0000	-65.74	14.96	-50.78	-13.00	-37.78	peak	V
2	200.5000	-65.04	9.73	-55.31	-13.00	-42.31	peak	V
3	331.5000	-63.77	0.51	-63.26	-13.00	-50.26	peak	V
4	480.0000	-63.74	1.65	-62.09	-13.00	-49.09	peak	V
5	601.5000	-69.43	6.63	-62.80	-13.00	-49.80	peak	V
6	720.0000	-76.66	10.76	-65.90	-13.00	-52.90	peak	V
7	3316.000	-70.28	15.87	-54.41	-13.00	-41.41	peak	V
8	4720.000	-74.37	19.52	-54.85	-13.00	-41.85	peak	V
9	7108.000	-75.33	21.63	-53.70	-13.00	-40.70	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	16QAM		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	153.5000	-69.47	5.88	-63.59	-13.00	-50.59	peak	H
2	200.5000	-67.82	2.48	-65.34	-13.00	-52.34	peak	H
3	288.0000	-60.37	-4.10	-64.47	-13.00	-51.47	peak	H
4	367.5000	-62.14	-0.49	-62.63	-13.00	-49.63	peak	H
5	467.5000	-73.71	4.36	-69.35	-13.00	-56.35	peak	H
6	601.5000	-78.59	6.99	-71.60	-13.00	-58.60	peak	H
7	3292.000	-71.98	12.35	-59.63	-13.00	-46.63	peak	H
8	4756.000	-74.19	15.38	-58.81	-13.00	-45.81	peak	H
9	7120.000	-74.94	23.86	-51.08	-13.00	-38.08	peak	H
1	150.0000	-65.09	14.59	-50.50	-13.00	-37.50	peak	V
2	200.5000	-68.30	9.73	-58.57	-13.00	-45.57	peak	V
3	336.0000	-63.90	0.50	-63.40	-13.00	-50.40	peak	V
4	480.0000	-64.09	1.65	-62.44	-13.00	-49.44	peak	V
5	601.5000	-70.07	6.63	-63.44	-13.00	-50.44	peak	V
6	720.0000	-78.51	10.76	-67.75	-13.00	-54.75	peak	V
7	3196.000	-71.44	15.13	-56.31	-13.00	-43.31	peak	V
8	4780.000	-74.16	19.63	-54.53	-13.00	-41.53	peak	V
9	7108.000	-74.97	21.63	-53.34	-13.00	-40.34	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	16QAM		
Frequency:	1750.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.0000	-71.49	6.76	-64.73	-13.00	-51.73	peak	H
2	215.0000	-61.10	-0.43	-61.53	-13.00	-48.53	peak	H
3	367.5000	-61.48	-0.49	-61.97	-13.00	-48.97	peak	H
4	467.5000	-73.47	4.36	-69.11	-13.00	-56.11	peak	H
5	601.5000	-78.71	6.99	-71.72	-13.00	-58.72	peak	H
6	720.0000	-78.97	7.39	-71.58	-13.00	-58.58	peak	H
7	3280.000	-72.40	12.31	-60.09	-13.00	-47.09	peak	H
8	4732.000	-73.38	15.24	-58.14	-13.00	-45.14	peak	H
9	7132.000	-75.04	23.89	-51.15	-13.00	-38.15	peak	H
1	144.0000	-64.03	14.96	-49.07	-13.00	-36.07	peak	V
2	200.5000	-65.25	9.73	-55.52	-13.00	-42.52	peak	V
3	331.5000	-64.93	0.51	-64.42	-13.00	-51.42	peak	V
4	480.0000	-63.24	1.65	-61.59	-13.00	-48.59	peak	V
5	601.5000	-69.27	6.63	-62.64	-13.00	-49.64	peak	V
6	672.0000	-78.16	9.23	-68.93	-13.00	-55.93	peak	V
7	3364.000	-71.32	16.17	-55.15	-13.00	-42.15	peak	V
8	4768.000	-73.81	19.61	-54.20	-13.00	-41.20	peak	V
9	7132.000	-74.22	21.65	-52.57	-13.00	-39.57	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	16QAM		
Frequency:	1717.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-69.78	6.13	-63.65	-13.00	-50.65	peak	H
2	214.5000	-62.55	-0.39	-62.94	-13.00	-49.94	peak	H
3	367.5000	-61.05	-0.49	-61.54	-13.00	-48.54	peak	H
4	467.5000	-73.64	4.36	-69.28	-13.00	-56.28	peak	H
5	576.0000	-74.73	6.64	-68.09	-13.00	-55.09	peak	H
6	720.0000	-79.96	7.39	-72.57	-13.00	-59.57	peak	H
7	3220.000	-72.58	12.11	-60.47	-13.00	-47.47	peak	H
8	4756.000	-74.08	15.38	-58.70	-13.00	-45.70	peak	H
9	7156.000	-75.36	23.97	-51.39	-13.00	-38.39	peak	H
1	132.0000	-68.31	18.46	-49.85	-13.00	-36.85	peak	V
2	200.5000	-64.18	9.73	-54.45	-13.00	-41.45	peak	V
3	336.0000	-64.78	0.50	-64.28	-13.00	-51.28	peak	V
4	480.0000	-62.86	1.65	-61.21	-13.00	-48.21	peak	V
5	601.5000	-68.91	6.63	-62.28	-13.00	-49.28	peak	V
6	720.0000	-77.89	10.76	-67.13	-13.00	-54.13	peak	V
7	3244.000	-70.08	15.43	-54.65	-13.00	-41.65	peak	V
8	4708.000	-75.17	19.49	-55.68	-13.00	-42.68	peak	V
9	7108.000	-74.52	21.63	-52.89	-13.00	-39.89	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	16QAM		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	161.5000	-72.08	6.13	-65.95	-13.00	-52.95	peak	H
2	200.5000	-68.35	2.48	-65.87	-13.00	-52.87	peak	H
3	367.5000	-60.46	-0.49	-60.95	-13.00	-47.95	peak	H
4	467.5000	-73.12	4.36	-68.76	-13.00	-55.76	peak	H
5	576.0000	-76.48	6.64	-69.84	-13.00	-56.84	peak	H
6	720.0000	-77.40	7.39	-70.01	-13.00	-57.01	peak	H
7	3292.000	-71.59	12.35	-59.24	-13.00	-46.24	peak	H
8	4816.000	-74.30	15.70	-58.60	-13.00	-45.60	peak	H
9	7168.000	-76.00	24.01	-51.99	-13.00	-38.99	peak	H
1	157.5000	-66.35	17.72	-48.63	-13.00	-35.63	peak	V
2	200.5000	-64.66	9.73	-54.93	-13.00	-41.93	peak	V
3	336.0000	-64.53	0.50	-64.03	-13.00	-51.03	peak	V
4	480.0000	-63.36	1.65	-61.71	-13.00	-48.71	peak	V
5	601.5000	-67.90	6.63	-61.27	-13.00	-48.27	peak	V
6	673.0000	-78.02	9.25	-68.77	-13.00	-55.77	peak	V
7	3280.000	-71.09	15.65	-55.44	-13.00	-42.44	peak	V
8	4756.000	-73.96	19.59	-54.37	-13.00	-41.37	peak	V
9	7132.000	-75.63	21.65	-53.98	-13.00	-40.98	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	16QAM		
Frequency:	1747.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-69.01	6.51	-62.50	-13.00	-49.50	peak	H
2	288.0000	-61.33	-4.10	-65.43	-13.00	-52.43	peak	H
3	367.5000	-60.78	-0.49	-61.27	-13.00	-48.27	peak	H
4	480.0000	-73.62	4.99	-68.63	-13.00	-55.63	peak	H
5	528.0000	-77.61	7.01	-70.60	-13.00	-57.60	peak	H
6	624.0000	-78.32	6.90	-71.42	-13.00	-58.42	peak	H
7	3232.000	-71.19	12.16	-59.03	-13.00	-46.03	peak	H
8	4756.000	-72.88	15.38	-57.50	-13.00	-44.50	peak	H
9	7156.000	-74.34	23.97	-50.37	-13.00	-37.37	peak	H
1	157.5000	-66.57	17.72	-48.85	-13.00	-35.85	peak	V
2	200.5000	-65.17	9.73	-55.44	-13.00	-42.44	peak	V
3	330.5000	-63.43	0.51	-62.92	-13.00	-49.92	peak	V
4	480.0000	-63.13	1.65	-61.48	-13.00	-48.48	peak	V
5	601.5000	-68.85	6.63	-62.22	-13.00	-49.22	peak	V
6	701.5000	-78.54	10.16	-68.38	-13.00	-55.38	peak	V
7	3268.000	-71.16	15.57	-55.59	-13.00	-42.59	peak	V
8	4756.000	-72.48	19.59	-52.89	-13.00	-39.89	peak	V
9	7132.000	-74.36	21.65	-52.71	-13.00	-39.71	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	16QAM		
Frequency:	1720.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.0000	-68.61	4.98	-63.63	-13.00	-50.63	peak	H
2	221.0000	-62.73	-0.96	-63.69	-13.00	-50.69	peak	H
3	288.0000	-59.78	-4.10	-63.88	-13.00	-50.88	peak	H
4	367.5000	-60.96	-0.49	-61.45	-13.00	-48.45	peak	H
5	467.5000	-73.05	4.36	-68.69	-13.00	-55.69	peak	H
6	601.0000	-79.05	6.98	-72.07	-13.00	-59.07	peak	H
7	3220.000	-71.19	12.11	-59.08	-13.00	-46.08	peak	H
8	4708.000	-74.09	15.11	-58.98	-13.00	-45.98	peak	H
9	7108.000	-74.06	23.84	-50.22	-13.00	-37.22	peak	H
1	144.0000	-66.14	14.96	-51.18	-13.00	-38.18	peak	V
2	200.5000	-65.46	9.73	-55.73	-13.00	-42.73	peak	V
3	336.0000	-63.43	0.50	-62.93	-13.00	-49.93	peak	V
4	480.0000	-62.75	1.65	-61.10	-13.00	-48.10	peak	V
5	601.5000	-69.10	6.63	-62.47	-13.00	-49.47	peak	V
6	720.0000	-78.44	10.76	-67.68	-13.00	-54.68	peak	V
7	3316.000	-69.31	15.87	-53.44	-13.00	-40.44	peak	V
8	4732.000	-73.92	19.54	-54.38	-13.00	-41.38	peak	V
9	7108.000	-74.99	21.63	-53.36	-13.00	-40.36	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	16QAM		
Frequency:	1732.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-69.10	6.51	-62.59	-13.00	-49.59	peak	H
2	200.5000	-66.19	2.48	-63.71	-13.00	-50.71	peak	H
3	288.0000	-60.10	-4.10	-64.20	-13.00	-51.20	peak	H
4	367.5000	-60.35	-0.49	-60.84	-13.00	-47.84	peak	H
5	467.5000	-72.42	4.36	-68.06	-13.00	-55.06	peak	H
6	576.0000	-75.85	6.64	-69.21	-13.00	-56.21	peak	H
7	3280.000	-70.24	12.31	-57.93	-13.00	-44.93	peak	H
8	4720.000	-75.39	15.18	-60.21	-13.00	-47.21	peak	H
9	7156.000	-75.62	23.97	-51.65	-13.00	-38.65	peak	H
1	156.0000	-66.12	17.09	-49.03	-13.00	-36.03	peak	V
2	200.5000	-66.00	9.73	-56.27	-13.00	-43.27	peak	V
3	336.0000	-64.48	0.50	-63.98	-13.00	-50.98	peak	V
4	480.0000	-63.11	1.65	-61.46	-13.00	-48.46	peak	V
5	601.5000	-68.31	6.63	-61.68	-13.00	-48.68	peak	V
6	701.5000	-78.71	10.16	-68.55	-13.00	-55.55	peak	V
7	3268.000	-71.58	15.57	-56.01	-13.00	-43.01	peak	V
8	4756.000	-74.08	19.59	-54.49	-13.00	-41.49	peak	V
9	7120.000	-75.11	21.63	-53.48	-13.00	-40.48	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 4	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	16QAM		
Frequency:	1745.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-69.21	6.63	-62.58	-13.00	-49.58	peak	H
2	209.0000	-62.75	0.30	-62.45	-13.00	-49.45	peak	H
3	325.0000	-62.80	-1.40	-64.20	-13.00	-51.20	peak	H
4	367.5000	-60.99	-0.49	-61.48	-13.00	-48.48	peak	H
5	467.5000	-72.64	4.36	-68.28	-13.00	-55.28	peak	H
6	576.0000	-76.10	6.64	-69.46	-13.00	-56.46	peak	H
7	3340.000	-71.62	12.49	-59.13	-13.00	-46.13	peak	H
8	4708.000	-74.46	15.11	-59.35	-13.00	-46.35	peak	H
9	7108.000	-74.75	23.84	-50.91	-13.00	-37.91	peak	H
1	144.0000	-67.66	14.96	-52.70	-13.00	-39.70	peak	V
2	167.0000	-62.35	11.07	-51.28	-13.00	-38.28	peak	V
3	336.0000	-64.96	0.50	-64.46	-13.00	-51.46	peak	V
4	480.0000	-63.40	1.65	-61.75	-13.00	-48.75	peak	V
5	601.5000	-68.85	6.63	-62.22	-13.00	-49.22	peak	V
6	720.0000	-78.19	10.76	-67.43	-13.00	-54.43	peak	V
7	3316.000	-70.53	15.87	-54.66	-13.00	-41.66	peak	V
8	4708.000	-74.45	19.49	-54.96	-13.00	-41.96	peak	V
9	7072.000	-73.94	21.56	-52.38	-13.00	-39.38	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum. (%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	QPSK		
Frequency:	824.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-68.97	6.63	-62.34	-13.00	-49.34	peak	H
2	214.0000	-60.90	-0.35	-61.25	-13.00	-48.25	peak	H
3	367.5000	-60.77	-0.49	-61.26	-13.00	-48.26	peak	H
4	467.5000	-72.14	4.36	-67.78	-13.00	-54.78	peak	H
5	576.0000	-75.41	6.64	-68.77	-13.00	-55.77	peak	H
6	668.0000	-80.29	6.82	-73.47	-13.00	-60.47	peak	H
7	3328.000	-70.91	12.45	-58.46	-13.00	-45.46	peak	H
8	4708.000	-73.28	15.11	-58.17	-13.00	-45.17	peak	H
9	7156.000	-75.66	23.97	-51.69	-13.00	-38.69	peak	H
1	157.5000	-67.77	17.72	-50.05	-13.00	-37.05	peak	V
2	210.0000	-60.68	8.36	-52.32	-13.00	-39.32	peak	V
3	336.0000	-65.72	0.50	-65.22	-13.00	-52.22	peak	V
4	480.0000	-63.34	1.65	-61.69	-13.00	-48.69	peak	V
5	601.5000	-67.94	6.63	-61.31	-13.00	-48.31	peak	V
6	716.0000	-78.21	10.63	-67.58	-13.00	-54.58	peak	V
7	3280.000	-71.79	15.65	-56.14	-13.00	-43.14	peak	V
8	4720.000	-74.68	19.52	-55.16	-13.00	-42.16	peak	V
9	7072.000	-74.67	21.56	-53.11	-13.00	-40.11	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum. (%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	QPSK		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-69.12	6.51	-62.61	-13.00	-49.61	peak	H
2	288.0000	-59.63	-4.10	-63.73	-13.00	-50.73	peak	H
3	367.5000	-61.04	-0.49	-61.53	-13.00	-48.53	peak	H
4	467.5000	-73.24	4.36	-68.88	-13.00	-55.88	peak	H
5	576.0000	-76.06	6.64	-69.42	-13.00	-56.42	peak	H
6	720.0000	-78.34	7.39	-70.95	-13.00	-57.95	peak	H
7	3328.000	-71.50	12.45	-59.05	-13.00	-46.05	peak	H
8	4732.000	-74.73	15.24	-59.49	-13.00	-46.49	peak	H
9	7132.000	-75.55	23.89	-51.66	-13.00	-38.66	peak	H
1	144.0000	-63.53	14.96	-48.57	-13.00	-35.57	peak	V
2	200.5000	-65.21	9.73	-55.48	-13.00	-42.48	peak	V
3	336.0000	-62.96	0.50	-62.46	-13.00	-49.46	peak	V
4	480.0000	-63.26	1.65	-61.61	-13.00	-48.61	peak	V
5	601.5000	-67.91	6.63	-61.28	-13.00	-48.28	peak	V
6	672.0000	-78.16	9.23	-68.93	-13.00	-55.93	peak	V
7	3268.000	-71.79	15.57	-56.22	-13.00	-43.22	peak	V
8	4828.000	-74.52	19.72	-54.80	-13.00	-41.80	peak	V
9	7132.000	-76.08	21.65	-54.43	-13.00	-41.43	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	QPSK		
Frequency:	848.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-69.15	6.51	-62.64	-13.00	-49.64	peak	H
2	214.0000	-61.92	-0.35	-62.27	-13.00	-49.27	peak	H
3	367.5000	-61.57	-0.49	-62.06	-13.00	-49.06	peak	H
4	467.5000	-72.88	4.36	-68.52	-13.00	-55.52	peak	H
5	576.0000	-76.57	6.64	-69.93	-13.00	-56.93	peak	H
6	672.0000	-79.78	6.81	-72.97	-13.00	-59.97	peak	H
7	3280.000	-72.84	12.31	-60.53	-13.00	-47.53	peak	H
8	4732.000	-74.38	15.24	-59.14	-13.00	-46.14	peak	H
9	7132.000	-73.32	23.89	-49.43	-13.00	-36.43	peak	H
1	167.0000	-62.29	11.07	-51.22	-13.00	-38.22	peak	V
2	200.5000	-63.84	9.73	-54.11	-13.00	-41.11	peak	V
3	336.0000	-65.15	0.50	-64.65	-13.00	-51.65	peak	V
4	480.0000	-63.47	1.65	-61.82	-13.00	-48.82	peak	V
5	601.5000	-68.41	6.63	-61.78	-13.00	-48.78	peak	V
6	687.0000	-77.24	9.62	-67.62	-13.00	-54.62	peak	V
7	3280.000	-71.05	15.65	-55.40	-13.00	-42.40	peak	V
8	4768.000	-74.46	19.61	-54.85	-13.00	-41.85	peak	V
9	7108.000	-75.44	21.63	-53.81	-13.00	-40.81	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	QPSK		
Frequency:	825.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	148.5000	-71.47	4.45	-67.02	-13.00	-54.02	peak	H
2	220.0000	-65.05	-0.94	-65.99	-13.00	-52.99	peak	H
3	288.0000	-60.17	-4.10	-64.27	-13.00	-51.27	peak	H
4	367.5000	-61.67	-0.49	-62.16	-13.00	-49.16	peak	H
5	467.5000	-74.12	4.36	-69.76	-13.00	-56.76	peak	H
6	576.0000	-75.69	6.64	-69.05	-13.00	-56.05	peak	H
7	3292.000	-70.68	12.35	-58.33	-13.00	-45.33	peak	H
8	4732.000	-72.56	15.24	-57.32	-13.00	-44.32	peak	H
9	7108.000	-72.88	23.84	-49.04	-13.00	-36.04	peak	H
1	144.0000	-67.27	14.96	-52.31	-13.00	-39.31	peak	V
2	200.5000	-67.12	9.73	-57.39	-13.00	-44.39	peak	V
3	336.0000	-63.73	0.50	-63.23	-13.00	-50.23	peak	V
4	480.0000	-64.55	1.65	-62.90	-13.00	-49.90	peak	V
5	601.5000	-69.05	6.63	-62.42	-13.00	-49.42	peak	V
6	720.0000	-79.09	10.76	-68.33	-13.00	-55.33	peak	V
7	3244.000	-70.35	15.43	-54.92	-13.00	-41.92	peak	V
8	4804.000	-73.60	19.67	-53.93	-13.00	-40.93	peak	V
9	7156.000	-75.35	21.69	-53.66	-13.00	-40.66	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	QPSK		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.59	6.38	-62.21	-13.00	-49.21	peak	H
2	288.0000	-60.32	-4.10	-64.42	-13.00	-51.42	peak	H
3	367.5000	-61.13	-0.49	-61.62	-13.00	-48.62	peak	H
4	467.5000	-72.51	4.36	-68.15	-13.00	-55.15	peak	H
5	576.0000	-76.26	6.64	-69.62	-13.00	-56.62	peak	H
6	720.0000	-79.29	7.39	-71.90	-13.00	-58.90	peak	H
7	3316.000	-72.44	12.41	-60.03	-13.00	-47.03	peak	H
8	4720.000	-74.25	15.18	-59.07	-13.00	-46.07	peak	H
9	7108.000	-75.05	23.84	-51.21	-13.00	-38.21	peak	H
1	144.0000	-66.87	14.96	-51.91	-13.00	-38.91	peak	V
2	200.5000	-64.34	9.73	-54.61	-13.00	-41.61	peak	V
3	340.5000	-65.85	0.53	-65.32	-13.00	-52.32	peak	V
4	480.0000	-63.21	1.65	-61.56	-13.00	-48.56	peak	V
5	601.5000	-69.72	6.63	-63.09	-13.00	-50.09	peak	V
6	720.0000	-76.67	10.76	-65.91	-13.00	-52.91	peak	V
7	3292.000	-71.92	15.73	-56.19	-13.00	-43.19	peak	V
8	4672.000	-74.78	19.43	-55.35	-13.00	-42.35	peak	V
9	7132.000	-74.20	21.65	-52.55	-13.00	-39.55	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	QPSK		
Frequency:	847.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-68.64	5.10	-63.54	-13.00	-50.54	peak	H
2	204.0000	-65.68	1.58	-64.10	-13.00	-51.10	peak	H
3	367.5000	-61.54	-0.49	-62.03	-13.00	-49.03	peak	H
4	467.5000	-72.85	4.36	-68.49	-13.00	-55.49	peak	H
5	576.0000	-75.82	6.64	-69.18	-13.00	-56.18	peak	H
6	720.0000	-76.41	7.39	-69.02	-13.00	-56.02	peak	H
7	3328.000	-73.14	12.45	-60.69	-13.00	-47.69	peak	H
8	4756.000	-74.29	15.38	-58.91	-13.00	-45.91	peak	H
9	7132.000	-74.58	23.89	-50.69	-13.00	-37.69	peak	H
1	132.0000	-71.46	18.46	-53.00	-13.00	-40.00	peak	V
2	200.5000	-65.22	9.73	-55.49	-13.00	-42.49	peak	V
3	336.0000	-64.61	0.50	-64.11	-13.00	-51.11	peak	V
4	480.0000	-63.84	1.65	-62.19	-13.00	-49.19	peak	V
5	601.5000	-69.67	6.63	-63.04	-13.00	-50.04	peak	V
6	716.0000	-78.17	10.63	-67.54	-13.00	-54.54	peak	V
7	3280.000	-71.71	15.65	-56.06	-13.00	-43.06	peak	V
8	4768.000	-73.43	19.61	-53.82	-13.00	-40.82	peak	V
9	7156.000	-74.88	21.69	-53.19	-13.00	-40.19	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	QPSK		
Frequency:	826.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	148.0000	-71.54	4.29	-67.25	-13.00	-54.25	peak	H
2	214.0000	-61.93	-0.35	-62.28	-13.00	-49.28	peak	H
3	288.0000	-59.69	-4.10	-63.79	-13.00	-50.79	peak	H
4	367.5000	-60.75	-0.49	-61.24	-13.00	-48.24	peak	H
5	576.0000	-75.08	6.64	-68.44	-13.00	-55.44	peak	H
6	672.0000	-79.29	6.81	-72.48	-13.00	-59.48	peak	H
7	3316.000	-72.60	12.41	-60.19	-13.00	-47.19	peak	H
8	4660.000	-73.12	14.86	-58.26	-13.00	-45.26	peak	H
9	7120.000	-74.38	23.86	-50.52	-13.00	-37.52	peak	H
1	167.0000	-62.12	11.07	-51.05	-13.00	-38.05	peak	V
2	200.5000	-68.54	9.73	-58.81	-13.00	-45.81	peak	V
3	336.0000	-65.07	0.50	-64.57	-13.00	-51.57	peak	V
4	480.0000	-62.90	1.65	-61.25	-13.00	-48.25	peak	V
5	601.5000	-69.95	6.63	-63.32	-13.00	-50.32	peak	V
6	672.0000	-77.46	9.23	-68.23	-13.00	-55.23	peak	V
7	3268.000	-70.58	15.57	-55.01	-13.00	-42.01	peak	V
8	4720.000	-73.65	19.52	-54.13	-13.00	-41.13	peak	V
9	7168.000	-75.24	21.72	-53.52	-13.00	-40.52	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	QPSK		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-71.71	5.23	-66.48	-13.00	-53.48	peak	H
2	200.5000	-65.31	2.48	-62.83	-13.00	-49.83	peak	H
3	367.5000	-60.80	-0.49	-61.29	-13.00	-48.29	peak	H
4	467.5000	-72.80	4.36	-68.44	-13.00	-55.44	peak	H
5	576.0000	-77.19	6.64	-70.55	-13.00	-57.55	peak	H
6	720.0000	-79.43	7.39	-72.04	-13.00	-59.04	peak	H
7	3280.000	-70.21	12.31	-57.90	-13.00	-44.90	peak	H
8	4768.000	-72.21	15.44	-56.77	-13.00	-43.77	peak	H
9	7120.000	-75.47	23.86	-51.61	-13.00	-38.61	peak	H
1	144.0000	-64.36	14.96	-49.40	-13.00	-36.40	peak	V
2	200.5000	-67.72	9.73	-57.99	-13.00	-44.99	peak	V
3	334.0000	-63.91	0.50	-63.41	-13.00	-50.41	peak	V
4	480.0000	-62.95	1.65	-61.30	-13.00	-48.30	peak	V
5	601.5000	-69.71	6.63	-63.08	-13.00	-50.08	peak	V
6	720.0000	-77.69	10.76	-66.93	-13.00	-53.93	peak	V
7	3244.000	-72.06	15.43	-56.63	-13.00	-43.63	peak	V
8	4732.000	-74.49	19.54	-54.95	-13.00	-41.95	peak	V
9	7168.000	-74.80	21.72	-53.08	-13.00	-40.08	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	QPSK		
Frequency:	846.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-72.50	6.51	-65.99	-13.00	-52.99	peak	H
2	288.0000	-60.10	-4.10	-64.20	-13.00	-51.20	peak	H
3	367.5000	-61.53	-0.49	-62.02	-13.00	-49.02	peak	H
4	467.5000	-73.43	4.36	-69.07	-13.00	-56.07	peak	H
5	576.0000	-75.19	6.64	-68.55	-13.00	-55.55	peak	H
6	720.0000	-78.17	7.39	-70.78	-13.00	-57.78	peak	H
7	3280.000	-70.94	12.31	-58.63	-13.00	-45.63	peak	H
8	4732.000	-73.60	15.24	-58.36	-13.00	-45.36	peak	H
9	7132.000	-74.52	23.89	-50.63	-13.00	-37.63	peak	H
1	133.5000	-73.19	17.84	-55.35	-13.00	-42.35	peak	V
2	200.5000	-66.20	9.73	-56.47	-13.00	-43.47	peak	V
3	330.5000	-64.45	0.51	-63.94	-13.00	-50.94	peak	V
4	480.0000	-62.65	1.65	-61.00	-13.00	-48.00	peak	V
5	601.5000	-69.01	6.63	-62.38	-13.00	-49.38	peak	V
6	672.0000	-77.83	9.23	-68.60	-13.00	-55.60	peak	V
7	3316.000	-71.26	15.87	-55.39	-13.00	-42.39	peak	V
8	4720.000	-73.90	19.52	-54.38	-13.00	-41.38	peak	V
9	7156.000	-75.59	21.69	-53.90	-13.00	-40.90	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	QPSK		
Frequency:	829.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	159.5000	-72.52	7.41	-65.11	-13.00	-52.11	peak	H
2	288.0000	-60.76	-4.10	-64.86	-13.00	-51.86	peak	H
3	367.5000	-61.95	-0.49	-62.44	-13.00	-49.44	peak	H
4	467.5000	-73.74	4.36	-69.38	-13.00	-56.38	peak	H
5	576.0000	-75.98	6.64	-69.34	-13.00	-56.34	peak	H
6	672.0000	-79.80	6.81	-72.99	-13.00	-59.99	peak	H
7	3292.000	-72.61	12.35	-60.26	-13.00	-47.26	peak	H
8	4684.000	-72.61	14.98	-57.63	-13.00	-44.63	peak	H
9	7132.000	-74.79	23.89	-50.90	-13.00	-37.90	peak	H
1	156.0000	-67.02	17.09	-49.93	-13.00	-36.93	peak	V
2	200.5000	-65.94	9.73	-56.21	-13.00	-43.21	peak	V
3	331.0000	-63.56	0.50	-63.06	-13.00	-50.06	peak	V
4	480.0000	-63.60	1.65	-61.95	-13.00	-48.95	peak	V
5	601.5000	-68.71	6.63	-62.08	-13.00	-49.08	peak	V
6	720.0000	-79.16	10.76	-68.40	-13.00	-55.40	peak	V
7	3220.000	-73.37	15.28	-58.09	-13.00	-45.09	peak	V
8	4804.000	-72.67	19.67	-53.00	-13.00	-40.00	peak	V
9	7108.000	-75.35	21.63	-53.72	-13.00	-40.72	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	QPSK		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.0000	-68.67	4.98	-63.69	-13.00	-50.69	peak	H
2	288.0000	-60.38	-4.10	-64.48	-13.00	-51.48	peak	H
3	367.5000	-60.95	-0.49	-61.44	-13.00	-48.44	peak	H
4	480.0000	-74.63	4.99	-69.64	-13.00	-56.64	peak	H
5	576.0000	-75.83	6.64	-69.19	-13.00	-56.19	peak	H
6	720.0000	-77.95	7.39	-70.56	-13.00	-57.56	peak	H
7	3280.000	-70.69	12.31	-58.38	-13.00	-45.38	peak	H
8	4720.000	-73.95	15.18	-58.77	-13.00	-45.77	peak	H
9	7120.000	-75.66	23.86	-51.80	-13.00	-38.80	peak	H
1	144.0000	-65.09	14.96	-50.13	-13.00	-37.13	peak	V
2	200.5000	-66.53	9.73	-56.80	-13.00	-43.80	peak	V
3	330.5000	-64.95	0.51	-64.44	-13.00	-51.44	peak	V
4	480.0000	-63.64	1.65	-61.99	-13.00	-48.99	peak	V
5	601.5000	-68.08	6.63	-61.45	-13.00	-48.45	peak	V
6	661.5000	-77.40	9.07	-68.33	-13.00	-55.33	peak	V
7	3292.000	-72.59	15.73	-56.86	-13.00	-43.86	peak	V
8	4732.000	-73.66	19.54	-54.12	-13.00	-41.12	peak	V
9	7120.000	-72.65	21.63	-51.02	-13.00	-38.02	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	QPSK		
Frequency:	844.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-71.95	5.10	-66.85	-13.00	-53.85	peak	H
2	200.5000	-67.24	2.48	-64.76	-13.00	-51.76	peak	H
3	288.0000	-60.38	-4.10	-64.48	-13.00	-51.48	peak	H
4	367.5000	-60.81	-0.49	-61.30	-13.00	-48.30	peak	H
5	467.5000	-73.26	4.36	-68.90	-13.00	-55.90	peak	H
6	576.0000	-75.06	6.64	-68.42	-13.00	-55.42	peak	H
7	3292.000	-72.26	12.35	-59.91	-13.00	-46.91	peak	H
8	4732.000	-72.78	15.24	-57.54	-13.00	-44.54	peak	H
9	7120.000	-75.39	23.86	-51.53	-13.00	-38.53	peak	H
1	144.0000	-66.87	14.96	-51.91	-13.00	-38.91	peak	V
2	200.5000	-68.96	9.73	-59.23	-13.00	-46.23	peak	V
3	332.5000	-63.60	0.51	-63.09	-13.00	-50.09	peak	V
4	480.0000	-63.66	1.65	-62.01	-13.00	-49.01	peak	V
5	601.5000	-68.65	6.63	-62.02	-13.00	-49.02	peak	V
6	720.0000	-75.73	10.76	-64.97	-13.00	-51.97	peak	V
7	3280.000	-72.46	15.65	-56.81	-13.00	-43.81	peak	V
8	4732.000	-74.23	19.54	-54.69	-13.00	-41.69	peak	V
9	7132.000	-75.53	21.65	-53.88	-13.00	-40.88	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	16QAM		
Frequency:	824.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-69.10	6.51	-62.59	-13.00	-49.59	peak	H
2	206.5000	-67.87	0.95	-66.92	-13.00	-53.92	peak	H
3	288.0000	-60.12	-4.10	-64.22	-13.00	-51.22	peak	H
4	367.5000	-61.17	-0.49	-61.66	-13.00	-48.66	peak	H
5	467.5000	-72.78	4.36	-68.42	-13.00	-55.42	peak	H
6	624.0000	-77.02	6.90	-70.12	-13.00	-57.12	peak	H
7	3292.000	-71.80	12.35	-59.45	-13.00	-46.45	peak	H
8	4732.000	-75.47	15.24	-60.23	-13.00	-47.23	peak	H
9	7156.000	-75.12	23.97	-51.15	-13.00	-38.15	peak	H
1	130.5000	-76.21	19.05	-57.16	-13.00	-44.16	peak	V
2	200.5000	-65.06	9.73	-55.33	-13.00	-42.33	peak	V
3	336.0000	-63.83	0.50	-63.33	-13.00	-50.33	peak	V
4	480.0000	-63.72	1.65	-62.07	-13.00	-49.07	peak	V
5	528.0000	-69.19	2.69	-66.50	-13.00	-53.50	peak	V
6	630.0000	-75.71	8.20	-67.51	-13.00	-54.51	peak	V
7	3292.000	-72.25	15.73	-56.52	-13.00	-43.52	peak	V
8	4756.000	-73.75	19.59	-54.16	-13.00	-41.16	peak	V
9	7072.000	-75.10	21.56	-53.54	-13.00	-40.54	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	16QAM		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.34	6.38	-61.96	-13.00	-48.96	peak	H
2	209.0000	-61.80	0.30	-61.50	-13.00	-48.50	peak	H
3	367.5000	-61.03	-0.49	-61.52	-13.00	-48.52	peak	H
4	467.5000	-72.38	4.36	-68.02	-13.00	-55.02	peak	H
5	576.0000	-75.10	6.64	-68.46	-13.00	-55.46	peak	H
6	672.0000	-79.34	6.81	-72.53	-13.00	-59.53	peak	H
7	3292.000	-71.73	12.35	-59.38	-13.00	-46.38	peak	H
8	4660.000	-74.35	14.86	-59.49	-13.00	-46.49	peak	H
9	7204.000	-74.29	24.10	-50.19	-13.00	-37.19	peak	H
1	156.0000	-68.16	17.09	-51.07	-13.00	-38.07	peak	V
2	200.5000	-65.64	9.73	-55.91	-13.00	-42.91	peak	V
3	336.0000	-62.44	0.50	-61.94	-13.00	-48.94	peak	V
4	480.0000	-63.28	1.65	-61.63	-13.00	-48.63	peak	V
5	601.5000	-68.93	6.63	-62.30	-13.00	-49.30	peak	V
6	672.0000	-77.14	9.23	-67.91	-13.00	-54.91	peak	V
7	3196.000	-71.34	15.13	-56.21	-13.00	-43.21	peak	V
8	4732.000	-75.31	19.54	-55.77	-13.00	-42.77	peak	V
9	7132.000	-74.71	21.65	-53.06	-13.00	-40.06	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum. (%RH):	22(°C)/50%RH
Channel Bandwidth:	1.4 MHz		
Modulation Technology:	16QAM		
Frequency:	848.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.5000	-71.04	6.63	-64.41	-13.00	-51.41	peak	H
2	288.0000	-60.40	-4.10	-64.50	-13.00	-51.50	peak	H
3	367.5000	-60.57	-0.49	-61.06	-13.00	-48.06	peak	H
4	467.5000	-73.14	4.36	-68.78	-13.00	-55.78	peak	H
5	576.0000	-76.30	6.64	-69.66	-13.00	-56.66	peak	H
6	720.0000	-78.25	7.39	-70.86	-13.00	-57.86	peak	H
7	3316.000	-71.25	12.41	-58.84	-13.00	-45.84	peak	H
8	4684.000	-73.22	14.98	-58.24	-13.00	-45.24	peak	H
9	7120.000	-75.15	23.86	-51.29	-13.00	-38.29	peak	H
1	130.0000	-72.35	19.26	-53.09	-13.00	-40.09	peak	V
2	167.0000	-61.63	11.07	-50.56	-13.00	-37.56	peak	V
3	336.0000	-64.93	0.50	-64.43	-13.00	-51.43	peak	V
4	480.0000	-63.05	1.65	-61.40	-13.00	-48.40	peak	V
5	601.5000	-69.66	6.63	-63.03	-13.00	-50.03	peak	V
6	687.0000	-78.45	9.62	-68.83	-13.00	-55.83	peak	V
7	3328.000	-72.10	15.95	-56.15	-13.00	-43.15	peak	V
8	4720.000	-74.27	19.52	-54.75	-13.00	-41.75	peak	V
9	7156.000	-74.42	21.69	-52.73	-13.00	-39.73	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	16QAM		
Frequency:	825.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.13	6.51	-61.62	-13.00	-48.62	peak	H
2	213.0000	-63.34	-0.25	-63.59	-13.00	-50.59	peak	H
3	367.5000	-60.34	-0.49	-60.83	-13.00	-47.83	peak	H
4	467.5000	-73.33	4.36	-68.97	-13.00	-55.97	peak	H
5	576.0000	-76.22	6.64	-69.58	-13.00	-56.58	peak	H
6	701.5000	-79.56	6.91	-72.65	-13.00	-59.65	peak	H
7	3328.000	-71.54	12.45	-59.09	-13.00	-46.09	peak	H
8	4720.000	-74.31	15.18	-59.13	-13.00	-46.13	peak	H
9	7084.000	-75.64	23.76	-51.88	-13.00	-38.88	peak	H
1	167.0000	-62.35	11.07	-51.28	-13.00	-38.28	peak	V
2	200.5000	-65.17	9.73	-55.44	-13.00	-42.44	peak	V
3	336.0000	-64.42	0.50	-63.92	-13.00	-50.92	peak	V
4	480.0000	-63.78	1.65	-62.13	-13.00	-49.13	peak	V
5	601.5000	-69.31	6.63	-62.68	-13.00	-49.68	peak	V
6	720.0000	-78.25	10.76	-67.49	-13.00	-54.49	peak	V
7	3268.000	-71.75	15.57	-56.18	-13.00	-43.18	peak	V
8	4672.000	-73.90	19.43	-54.47	-13.00	-41.47	peak	V
9	7120.000	-73.82	21.63	-52.19	-13.00	-39.19	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	16QAM		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-73.24	6.51	-66.73	-13.00	-53.73	peak	H
2	200.5000	-68.51	2.48	-66.03	-13.00	-53.03	peak	H
3	367.5000	-61.29	-0.49	-61.78	-13.00	-48.78	peak	H
4	467.5000	-73.69	4.36	-69.33	-13.00	-56.33	peak	H
5	576.0000	-76.50	6.64	-69.86	-13.00	-56.86	peak	H
6	720.0000	-78.14	7.39	-70.75	-13.00	-57.75	peak	H
7	3292.000	-71.21	12.35	-58.86	-13.00	-45.86	peak	H
8	4684.000	-75.18	14.98	-60.20	-13.00	-47.20	peak	H
9	7156.000	-74.57	23.97	-50.60	-13.00	-37.60	peak	H
1	144.0000	-63.52	14.96	-48.56	-13.00	-35.56	peak	V
2	167.0000	-62.65	11.07	-51.58	-13.00	-38.58	peak	V
3	202.5000	-68.19	9.45	-58.74	-13.00	-45.74	peak	V
4	329.0000	-63.68	0.51	-63.17	-13.00	-50.17	peak	V
5	480.0000	-63.83	1.65	-62.18	-13.00	-49.18	peak	V
6	601.5000	-69.35	6.63	-62.72	-13.00	-49.72	peak	V
7	3244.000	-71.08	15.43	-55.65	-13.00	-42.65	peak	V
8	4732.000	-73.29	19.54	-53.75	-13.00	-40.75	peak	V
9	7156.000	-73.46	21.69	-51.77	-13.00	-38.77	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	3 MHz		
Modulation Technology:	16QAM		
Frequency:	847.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.57	0.99	-67.58	-13.00	-54.58	peak	H
2	215.0000	-60.88	-0.43	-61.31	-13.00	-48.31	peak	H
3	367.5000	-61.87	-0.49	-62.36	-13.00	-49.36	peak	H
4	528.0000	-77.92	7.01	-70.91	-13.00	-57.91	peak	H
5	601.5000	-78.97	6.99	-71.98	-13.00	-58.98	peak	H
6	720.0000	-77.57	7.39	-70.18	-13.00	-57.18	peak	H
7	3316.000	-72.42	12.41	-60.01	-13.00	-47.01	peak	H
8	4684.000	-72.61	14.98	-57.63	-13.00	-44.63	peak	H
9	7120.000	-75.59	23.86	-51.73	-13.00	-38.73	peak	H
1	167.0000	-62.08	11.07	-51.01	-13.00	-38.01	peak	V
2	200.5000	-63.77	9.73	-54.04	-13.00	-41.04	peak	V
3	336.0000	-64.88	0.50	-64.38	-13.00	-51.38	peak	V
4	480.0000	-63.20	1.65	-61.55	-13.00	-48.55	peak	V
5	601.5000	-68.38	6.63	-61.75	-13.00	-48.75	peak	V
6	720.0000	-77.51	10.76	-66.75	-13.00	-53.75	peak	V
7	3292.000	-72.14	15.73	-56.41	-13.00	-43.41	peak	V
8	4708.000	-72.91	19.49	-53.42	-13.00	-40.42	peak	V
9	7168.000	-74.71	21.72	-52.99	-13.00	-39.99	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	16QAM		
Frequency:	826.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	149.5000	-70.06	4.81	-65.25	-13.00	-52.25	peak	H
2	214.0000	-64.21	-0.35	-64.56	-13.00	-51.56	peak	H
3	367.5000	-61.01	-0.49	-61.50	-13.00	-48.50	peak	H
4	467.5000	-73.50	4.36	-69.14	-13.00	-56.14	peak	H
5	576.0000	-76.08	6.64	-69.44	-13.00	-56.44	peak	H
6	720.0000	-78.61	7.39	-71.22	-13.00	-58.22	peak	H
7	3328.000	-71.43	12.45	-58.98	-13.00	-45.98	peak	H
8	4720.000	-75.17	15.18	-59.99	-13.00	-46.99	peak	H
9	7156.000	-74.81	23.97	-50.84	-13.00	-37.84	peak	H
1	132.0000	-71.16	18.46	-52.70	-13.00	-39.70	peak	V
2	200.5000	-63.94	9.73	-54.21	-13.00	-41.21	peak	V
3	336.0000	-64.60	0.50	-64.10	-13.00	-51.10	peak	V
4	480.0000	-62.85	1.65	-61.20	-13.00	-48.20	peak	V
5	601.5000	-69.08	6.63	-62.45	-13.00	-49.45	peak	V
6	701.5000	-78.01	10.16	-67.85	-13.00	-54.85	peak	V
7	3244.000	-71.32	15.43	-55.89	-13.00	-42.89	peak	V
8	4672.000	-74.37	19.43	-54.94	-13.00	-41.94	peak	V
9	7156.000	-73.14	21.69	-51.45	-13.00	-38.45	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum. (%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	16QAM		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	167.0000	-68.07	0.99	-67.08	-13.00	-54.08	peak	H
2	200.5000	-67.49	2.48	-65.01	-13.00	-52.01	peak	H
3	288.0000	-59.30	-4.10	-63.40	-13.00	-50.40	peak	H
4	367.5000	-61.02	-0.49	-61.51	-13.00	-48.51	peak	H
5	467.5000	-73.63	4.36	-69.27	-13.00	-56.27	peak	H
6	624.0000	-79.78	6.90	-72.88	-13.00	-59.88	peak	H
7	3280.000	-71.55	12.31	-59.24	-13.00	-46.24	peak	H
8	4708.000	-74.48	15.11	-59.37	-13.00	-46.37	peak	H
9	7108.000	-75.57	23.84	-51.73	-13.00	-38.73	peak	H
1	167.0000	-62.34	11.07	-51.27	-13.00	-38.27	peak	V
2	200.5000	-65.07	9.73	-55.34	-13.00	-42.34	peak	V
3	334.5000	-66.45	0.51	-65.94	-13.00	-52.94	peak	V
4	480.0000	-63.09	1.65	-61.44	-13.00	-48.44	peak	V
5	601.5000	-67.99	6.63	-61.36	-13.00	-48.36	peak	V
6	720.0000	-77.06	10.76	-66.30	-13.00	-53.30	peak	V
7	3244.000	-71.24	15.43	-55.81	-13.00	-42.81	peak	V
8	4780.000	-73.58	19.63	-53.95	-13.00	-40.95	peak	V
9	7156.000	-74.96	21.69	-53.27	-13.00	-40.27	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	16QAM		
Frequency:	846.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	154.5000	-70.04	6.13	-63.91	-13.00	-50.91	peak	H
2	200.5000	-66.64	2.48	-64.16	-13.00	-51.16	peak	H
3	288.0000	-61.01	-4.10	-65.11	-13.00	-52.11	peak	H
4	367.5000	-61.27	-0.49	-61.76	-13.00	-48.76	peak	H
5	467.5000	-73.92	4.36	-69.56	-13.00	-56.56	peak	H
6	672.0000	-79.41	6.81	-72.60	-13.00	-59.60	peak	H
7	3292.000	-71.53	12.35	-59.18	-13.00	-46.18	peak	H
8	4732.000	-74.18	15.24	-58.94	-13.00	-45.94	peak	H
9	7132.000	-74.20	23.89	-50.31	-13.00	-37.31	peak	H
1	144.0000	-64.03	14.96	-49.07	-13.00	-36.07	peak	V
2	200.5000	-65.89	9.73	-56.16	-13.00	-43.16	peak	V
3	334.0000	-63.42	0.50	-62.92	-13.00	-49.92	peak	V
4	480.0000	-62.94	1.65	-61.29	-13.00	-48.29	peak	V
5	601.5000	-69.63	6.63	-63.00	-13.00	-50.00	peak	V
6	720.0000	-78.27	10.76	-67.51	-13.00	-54.51	peak	V
7	3316.000	-71.38	15.87	-55.51	-13.00	-42.51	peak	V
8	4672.000	-75.74	19.43	-56.31	-13.00	-43.31	peak	V
9	7132.000	-74.70	21.65	-53.05	-13.00	-40.05	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	16QAM		
Frequency:	829.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	149.5000	-69.98	4.81	-65.17	-13.00	-52.17	peak	H
2	288.0000	-60.25	-4.10	-64.35	-13.00	-51.35	peak	H
3	367.5000	-61.15	-0.49	-61.64	-13.00	-48.64	peak	H
4	467.5000	-73.00	4.36	-68.64	-13.00	-55.64	peak	H
5	576.0000	-76.11	6.64	-69.47	-13.00	-56.47	peak	H
6	720.0000	-78.33	7.39	-70.94	-13.00	-57.94	peak	H
7	3316.000	-71.05	12.41	-58.64	-13.00	-45.64	peak	H
8	4732.000	-74.58	15.24	-59.34	-13.00	-46.34	peak	H
9	7132.000	-74.44	23.89	-50.55	-13.00	-37.55	peak	H
1	150.5000	-67.01	14.79	-52.22	-13.00	-39.22	peak	V
2	200.5000	-66.17	9.73	-56.44	-13.00	-43.44	peak	V
3	337.5000	-65.02	0.51	-64.51	-13.00	-51.51	peak	V
4	480.0000	-62.94	1.65	-61.29	-13.00	-48.29	peak	V
5	601.5000	-68.10	6.63	-61.47	-13.00	-48.47	peak	V
6	673.0000	-77.89	9.25	-68.64	-13.00	-55.64	peak	V
7	3268.000	-72.96	15.57	-57.39	-13.00	-44.39	peak	V
8	4720.000	-74.97	19.52	-55.45	-13.00	-42.45	peak	V
9	7156.000	-75.82	21.69	-54.13	-13.00	-41.13	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	16QAM		
Frequency:	836.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	144.0000	-68.87	2.89	-65.98	-13.00	-52.98	peak	H
2	212.5000	-63.68	-0.21	-63.89	-13.00	-50.89	peak	H
3	367.5000	-61.35	-0.49	-61.84	-13.00	-48.84	peak	H
4	467.5000	-72.76	4.36	-68.40	-13.00	-55.40	peak	H
5	576.0000	-76.67	6.64	-70.03	-13.00	-57.03	peak	H
6	720.0000	-78.23	7.39	-70.84	-13.00	-57.84	peak	H
7	3280.000	-71.74	12.31	-59.43	-13.00	-46.43	peak	H
8	4768.000	-74.13	15.44	-58.69	-13.00	-45.69	peak	H
9	7156.000	-73.79	23.97	-49.82	-13.00	-36.82	peak	H
1	144.0000	-67.20	14.96	-52.24	-13.00	-39.24	peak	V
2	200.5000	-65.25	9.73	-55.52	-13.00	-42.52	peak	V
3	330.5000	-63.42	0.51	-62.91	-13.00	-49.91	peak	V
4	480.0000	-62.86	1.65	-61.21	-13.00	-48.21	peak	V
5	601.5000	-68.72	6.63	-62.09	-13.00	-49.09	peak	V
6	720.0000	-77.90	10.76	-67.14	-13.00	-54.14	peak	V
7	3280.000	-71.27	15.65	-55.62	-13.00	-42.62	peak	V
8	4768.000	-74.10	19.61	-54.49	-13.00	-41.49	peak	V
9	7156.000	-73.75	21.69	-52.06	-13.00	-39.06	peak	V



Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 5	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	16QAM		
Frequency:	844.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-69.59	5.10	-64.49	-13.00	-51.49	peak	H
2	215.0000	-61.40	-0.43	-61.83	-13.00	-48.83	peak	H
3	326.5000	-62.25	-1.38	-63.63	-13.00	-50.63	peak	H
4	367.5000	-60.81	-0.49	-61.30	-13.00	-48.30	peak	H
5	467.5000	-71.28	4.36	-66.92	-13.00	-53.92	peak	H
6	672.0000	-79.28	6.81	-72.47	-13.00	-59.47	peak	H
7	3268.000	-69.94	12.26	-57.68	-13.00	-44.68	peak	H
8	4720.000	-75.17	15.18	-59.99	-13.00	-46.99	peak	H
9	7156.000	-74.36	23.97	-50.39	-13.00	-37.39	peak	H
1	144.0000	-65.58	14.96	-50.62	-13.00	-37.62	peak	V
2	200.5000	-64.47	9.73	-54.74	-13.00	-41.74	peak	V
3	336.0000	-65.45	0.50	-64.95	-13.00	-51.95	peak	V
4	480.0000	-62.38	1.65	-60.73	-13.00	-47.73	peak	V
5	601.5000	-67.55	6.63	-60.92	-13.00	-47.92	peak	V
6	720.0000	-77.15	10.76	-66.39	-13.00	-53.39	peak	V
7	3268.000	-71.24	15.57	-55.67	-13.00	-42.67	peak	V
8	4708.000	-74.38	19.49	-54.89	-13.00	-41.89	peak	V
9	7156.000	-74.74	21.69	-53.05	-13.00	-40.05	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	QPSK		
Frequency:	2502.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.61	6.51	-62.10	-25.00	-37.10	peak	H
2	288.0000	-59.89	-4.10	-63.99	-25.00	-38.99	peak	H
3	367.5000	-61.65	-0.49	-62.14	-25.00	-37.14	peak	H
4	467.5000	-73.17	4.36	-68.81	-25.00	-43.81	peak	H
5	576.0000	-75.74	6.64	-69.10	-25.00	-44.10	peak	H
6	720.0000	-79.14	7.39	-71.75	-25.00	-46.75	peak	H
7	3268.000	-71.14	12.26	-58.88	-25.00	-33.88	peak	H
8	4768.000	-73.85	15.44	-58.41	-25.00	-33.41	peak	H
9	7132.000	-72.75	23.89	-48.86	-25.00	-23.86	peak	H
1	144.0000	-64.21	14.96	-49.25	-25.00	-24.25	peak	V
2	200.5000	-65.81	9.73	-56.08	-25.00	-31.08	peak	V
3	336.0000	-63.23	0.50	-62.73	-25.00	-37.73	peak	V
4	480.0000	-62.99	1.65	-61.34	-25.00	-36.34	peak	V
5	601.5000	-68.89	6.63	-62.26	-25.00	-37.26	peak	V
6	672.0000	-77.17	9.23	-67.94	-25.00	-42.94	peak	V
7	3244.000	-70.55	15.43	-55.12	-25.00	-30.12	peak	V
8	4780.000	-74.02	19.63	-54.39	-25.00	-29.39	peak	V
9	7120.000	-74.52	21.63	-52.89	-25.00	-27.89	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum. (%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	QPSK		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-68.38	5.23	-63.15	-25.00	-38.15	peak	H
2	203.0000	-67.73	1.85	-65.88	-25.00	-40.88	peak	H
3	300.5000	-63.49	-2.88	-66.37	-25.00	-41.37	peak	H
4	367.5000	-60.55	-0.49	-61.04	-25.00	-36.04	peak	H
5	467.5000	-73.52	4.36	-69.16	-25.00	-44.16	peak	H
6	576.0000	-75.73	6.64	-69.09	-25.00	-44.09	peak	H
7	3316.000	-71.10	12.41	-58.69	-25.00	-33.69	peak	H
8	4684.000	-72.43	14.98	-57.45	-25.00	-32.45	peak	H
9	7180.000	-73.99	24.04	-49.95	-25.00	-24.95	peak	H
1	144.0000	-66.32	14.96	-51.36	-25.00	-26.36	peak	V
2	200.5000	-64.02	9.73	-54.29	-25.00	-29.29	peak	V
3	344.0000	-71.19	0.71	-70.48	-25.00	-45.48	peak	V
4	480.0000	-63.11	1.65	-61.46	-25.00	-36.46	peak	V
5	601.5000	-68.69	6.63	-62.06	-25.00	-37.06	peak	V
6	720.0000	-77.45	10.76	-66.69	-25.00	-41.69	peak	V
7	3268.000	-70.28	15.57	-54.71	-25.00	-29.71	peak	V
8	4720.000	-73.90	19.52	-54.38	-25.00	-29.38	peak	V
9	7168.000	-74.14	21.72	-52.42	-25.00	-27.42	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	QPSK		
Frequency:	2567.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.18	6.38	-61.80	-25.00	-36.80	peak	H
2	288.0000	-60.29	-4.10	-64.39	-25.00	-39.39	peak	H
3	367.5000	-61.40	-0.49	-61.89	-25.00	-36.89	peak	H
4	467.5000	-72.95	4.36	-68.59	-25.00	-43.59	peak	H
5	576.0000	-75.68	6.64	-69.04	-25.00	-44.04	peak	H
6	720.0000	-80.72	7.39	-73.33	-25.00	-48.33	peak	H
7	3280.000	-71.01	12.31	-58.70	-25.00	-33.70	peak	H
8	4684.000	-75.65	14.98	-60.67	-25.00	-35.67	peak	H
9	7132.000	-75.49	23.89	-51.60	-25.00	-26.60	peak	H
1	144.0000	-63.39	14.96	-48.43	-25.00	-23.43	peak	V
2	200.5000	-66.79	9.73	-57.06	-25.00	-32.06	peak	V
3	334.5000	-65.84	0.51	-65.33	-25.00	-40.33	peak	V
4	480.0000	-63.26	1.65	-61.61	-25.00	-36.61	peak	V
5	601.5000	-68.92	6.63	-62.29	-25.00	-37.29	peak	V
6	716.0000	-78.10	10.63	-67.47	-25.00	-42.47	peak	V
7	3268.000	-70.82	15.57	-55.25	-25.00	-30.25	peak	V
8	4732.000	-73.67	19.54	-54.13	-25.00	-29.13	peak	V
9	7132.000	-72.97	21.65	-51.32	-25.00	-26.32	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	QPSK		
Frequency:	2505.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.02	6.51	-61.51	-25.00	-36.51	peak	H
2	200.5000	-64.94	2.48	-62.46	-25.00	-37.46	peak	H
3	367.5000	-60.14	-0.49	-60.63	-25.00	-35.63	peak	H
4	467.5000	-72.12	4.36	-67.76	-25.00	-42.76	peak	H
5	600.0000	-77.31	6.98	-70.33	-25.00	-45.33	peak	H
6	668.0000	-78.19	6.82	-71.37	-25.00	-46.37	peak	H
7	3292.000	-71.98	12.35	-59.63	-25.00	-34.63	peak	H
8	4732.000	-73.93	15.24	-58.69	-25.00	-33.69	peak	H
9	7156.000	-75.28	23.97	-51.31	-25.00	-26.31	peak	H
1	200.5000	-59.83	9.73	-50.10	-25.00	-25.10	peak	V
2	336.0000	-62.30	0.50	-61.80	-25.00	-36.80	peak	V
3	431.0000	-68.50	0.71	-67.79	-25.00	-42.79	peak	V
4	480.0000	-67.58	1.65	-65.93	-25.00	-40.93	peak	V
5	601.5000	-65.66	6.63	-59.03	-25.00	-34.03	peak	V
6	646.5000	-74.27	8.43	-65.84	-25.00	-40.84	peak	V
7	3268.000	-71.05	15.57	-55.48	-25.00	-30.48	peak	V
8	4684.000	-73.52	19.45	-54.07	-25.00	-29.07	peak	V
9	7156.000	-75.02	21.69	-53.33	-25.00	-28.33	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum. (%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	QPSK		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-67.26	6.38	-60.88	-25.00	-35.88	peak	H
2	238.0000	-59.64	-2.20	-61.84	-25.00	-36.84	peak	H
3	367.5000	-60.94	-0.49	-61.43	-25.00	-36.43	peak	H
4	467.5000	-74.28	4.36	-69.92	-25.00	-44.92	peak	H
5	561.0000	-75.95	6.83	-69.12	-25.00	-44.12	peak	H
6	716.5000	-79.01	7.30	-71.71	-25.00	-46.71	peak	H
7	3280.000	-71.56	12.31	-59.25	-25.00	-34.25	peak	H
8	4720.000	-75.00	15.18	-59.82	-25.00	-34.82	peak	H
9	7156.000	-75.36	23.97	-51.39	-25.00	-26.39	peak	H
1	154.5000	-68.25	16.47	-51.78	-25.00	-26.78	peak	V
2	200.5000	-59.45	9.73	-49.72	-25.00	-24.72	peak	V
3	333.5000	-61.99	0.51	-61.48	-25.00	-36.48	peak	V
4	501.0000	-68.13	1.96	-66.17	-25.00	-41.17	peak	V
5	601.5000	-66.81	6.63	-60.18	-25.00	-35.18	peak	V
6	646.5000	-72.35	8.43	-63.92	-25.00	-38.92	peak	V
7	3268.000	-69.59	15.57	-54.02	-25.00	-29.02	peak	V
8	4720.000	-74.83	19.52	-55.31	-25.00	-30.31	peak	V
9	7132.000	-74.05	21.65	-52.40	-25.00	-27.40	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	QPSK		
Frequency:	2565.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	160.5000	-68.70	7.06	-61.64	-25.00	-36.64	peak	H
2	213.0000	-61.57	-0.25	-61.82	-25.00	-36.82	peak	H
3	331.0000	-61.02	-1.34	-62.36	-25.00	-37.36	peak	H
4	467.5000	-73.02	4.36	-68.66	-25.00	-43.66	peak	H
5	574.5000	-76.94	6.66	-70.28	-25.00	-45.28	peak	H
6	634.5000	-78.47	6.53	-71.94	-25.00	-46.94	peak	H
7	3244.000	-70.57	12.19	-58.38	-25.00	-33.38	peak	H
8	4756.000	-74.18	15.38	-58.80	-25.00	-33.80	peak	H
9	7168.000	-74.78	24.01	-50.77	-25.00	-25.77	peak	H
1	155.5000	-68.10	16.88	-51.22	-25.00	-26.22	peak	V
2	200.5000	-60.75	9.73	-51.02	-25.00	-26.02	peak	V
3	336.0000	-63.88	0.50	-63.38	-25.00	-38.38	peak	V
4	501.0000	-67.42	1.96	-65.46	-25.00	-40.46	peak	V
5	601.5000	-68.27	6.63	-61.64	-25.00	-36.64	peak	V
6	646.5000	-73.14	8.43	-64.71	-25.00	-39.71	peak	V
7	3196.000	-71.70	15.13	-56.57	-25.00	-31.57	peak	V
8	4720.000	-75.26	19.52	-55.74	-25.00	-30.74	peak	V
9	7204.000	-75.55	21.76	-53.79	-25.00	-28.79	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	QPSK		
Frequency:	2507.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-70.05	6.51	-63.54	-25.00	-38.54	peak	H
2	214.0000	-61.93	-0.35	-62.28	-25.00	-37.28	peak	H
3	367.5000	-61.69	-0.49	-62.18	-25.00	-37.18	peak	H
4	467.5000	-74.30	4.36	-69.94	-25.00	-44.94	peak	H
5	601.0000	-76.95	6.98	-69.97	-25.00	-44.97	peak	H
6	701.5000	-77.74	6.91	-70.83	-25.00	-45.83	peak	H
7	3316.000	-71.47	12.41	-59.06	-25.00	-34.06	peak	H
8	4732.000	-74.01	15.24	-58.77	-25.00	-33.77	peak	H
9	7132.000	-73.56	23.89	-49.67	-25.00	-24.67	peak	H
1	153.5000	-67.91	16.05	-51.86	-25.00	-26.86	peak	V
2	225.5000	-51.91	3.26	-48.65	-25.00	-23.65	peak	V
3	336.0000	-63.81	0.50	-63.31	-25.00	-38.31	peak	V
4	501.0000	-69.00	1.96	-67.04	-25.00	-42.04	peak	V
5	601.5000	-66.24	6.63	-59.61	-25.00	-34.61	peak	V
6	668.0000	-74.16	9.17	-64.99	-25.00	-39.99	peak	V
7	3280.000	-69.63	15.65	-53.98	-25.00	-28.98	peak	V
8	4684.000	-73.72	19.45	-54.27	-25.00	-29.27	peak	V
9	7108.000	-75.38	21.63	-53.75	-25.00	-28.75	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	QPSK		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.5000	-68.42	5.36	-63.06	-25.00	-38.06	peak	H
2	213.0000	-62.23	-0.25	-62.48	-25.00	-37.48	peak	H
3	367.5000	-61.40	-0.49	-61.89	-25.00	-36.89	peak	H
4	467.5000	-73.57	4.36	-69.21	-25.00	-44.21	peak	H
5	575.0000	-75.70	6.65	-69.05	-25.00	-44.05	peak	H
6	630.0000	-78.97	6.70	-72.27	-25.00	-47.27	peak	H
7	3316.000	-71.88	12.41	-59.47	-25.00	-34.47	peak	H
8	4720.000	-73.92	15.18	-58.74	-25.00	-33.74	peak	H
9	7120.000	-75.16	23.86	-51.30	-25.00	-26.30	peak	H
1	157.5000	-71.76	17.72	-54.04	-25.00	-29.04	peak	V
2	200.5000	-59.56	9.73	-49.83	-25.00	-24.83	peak	V
3	336.0000	-62.01	0.50	-61.51	-25.00	-36.51	peak	V
4	491.0000	-67.56	1.82	-65.74	-25.00	-40.74	peak	V
5	601.5000	-66.18	6.63	-59.55	-25.00	-34.55	peak	V
6	709.0000	-77.14	10.40	-66.74	-25.00	-41.74	peak	V
7	3268.000	-70.86	15.57	-55.29	-25.00	-30.29	peak	V
8	4756.000	-74.07	19.59	-54.48	-25.00	-29.48	peak	V
9	7168.000	-74.06	21.72	-52.34	-25.00	-27.34	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	QPSK		
Frequency:	2562.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	152.0000	-71.42	5.48	-65.94	-25.00	-40.94	peak	H
2	209.0000	-61.61	0.30	-61.31	-25.00	-36.31	peak	H
3	367.5000	-60.55	-0.49	-61.04	-25.00	-36.04	peak	H
4	467.5000	-74.23	4.36	-69.87	-25.00	-44.87	peak	H
5	601.5000	-75.95	6.99	-68.96	-25.00	-43.96	peak	H
6	720.0000	-78.69	7.39	-71.30	-25.00	-46.30	peak	H
7	3280.000	-71.77	12.31	-59.46	-25.00	-34.46	peak	H
8	4708.000	-73.80	15.11	-58.69	-25.00	-33.69	peak	H
9	7108.000	-74.98	23.84	-51.14	-25.00	-26.14	peak	H
1	150.5000	-67.30	14.79	-52.51	-25.00	-27.51	peak	V
2	200.5000	-60.33	9.73	-50.60	-25.00	-25.60	peak	V
3	336.0000	-63.35	0.50	-62.85	-25.00	-37.85	peak	V
4	480.0000	-68.34	1.65	-66.69	-25.00	-41.69	peak	V
5	561.0000	-68.25	3.48	-64.77	-25.00	-39.77	peak	V
6	668.0000	-73.99	9.17	-64.82	-25.00	-39.82	peak	V
7	3280.000	-71.16	15.65	-55.51	-25.00	-30.51	peak	V
8	4732.000	-74.23	19.54	-54.69	-25.00	-29.69	peak	V
9	7180.000	-73.55	21.74	-51.81	-25.00	-26.81	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	QPSK		
Frequency:	2510.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	151.0000	-70.78	5.23	-65.55	-25.00	-40.55	peak	H
2	214.0000	-61.17	-0.35	-61.52	-25.00	-36.52	peak	H
3	367.5000	-61.94	-0.49	-62.43	-25.00	-37.43	peak	H
4	467.5000	-74.88	4.36	-70.52	-25.00	-45.52	peak	H
5	601.5000	-76.07	6.99	-69.08	-25.00	-44.08	peak	H
6	701.5000	-78.64	6.91	-71.73	-25.00	-46.73	peak	H
7	3244.000	-71.59	12.19	-59.40	-25.00	-34.40	peak	H
8	4732.000	-74.94	15.24	-59.70	-25.00	-34.70	peak	H
9	7084.000	-75.31	23.76	-51.55	-25.00	-26.55	peak	H
1	157.5000	-71.06	17.72	-53.34	-25.00	-28.34	peak	V
2	200.5000	-64.53	9.73	-54.80	-25.00	-29.80	peak	V
3	336.0000	-62.36	0.50	-61.86	-25.00	-36.86	peak	V
4	480.0000	-69.18	1.65	-67.53	-25.00	-42.53	peak	V
5	561.0000	-68.78	3.48	-65.30	-25.00	-40.30	peak	V
6	601.5000	-66.14	6.63	-59.51	-25.00	-34.51	peak	V
7	3268.000	-71.51	15.57	-55.94	-25.00	-30.94	peak	V
8	4732.000	-72.91	19.54	-53.37	-25.00	-28.37	peak	V
9	7168.000	-74.26	21.72	-52.54	-25.00	-27.54	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	QPSK		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	160.0000	-74.45	7.53	-66.92	-25.00	-41.92	peak	H
2	200.5000	-68.85	2.48	-66.37	-25.00	-41.37	peak	H
3	367.5000	-62.05	-0.49	-62.54	-25.00	-37.54	peak	H
4	467.5000	-74.17	4.36	-69.81	-25.00	-44.81	peak	H
5	575.0000	-77.15	6.65	-70.50	-25.00	-45.50	peak	H
6	601.5000	-74.16	6.99	-67.17	-25.00	-42.17	peak	H
7	3268.000	-71.75	12.26	-59.49	-25.00	-34.49	peak	H
8	4780.000	-73.53	15.50	-58.03	-25.00	-33.03	peak	H
9	7156.000	-75.51	23.97	-51.54	-25.00	-26.54	peak	H
1	132.0000	-70.19	18.46	-51.73	-25.00	-26.73	peak	V
2	200.5000	-63.79	9.73	-54.06	-25.00	-29.06	peak	V
3	341.5000	-64.95	0.59	-64.36	-25.00	-39.36	peak	V
4	480.0000	-68.39	1.65	-66.74	-25.00	-41.74	peak	V
5	601.5000	-68.05	6.63	-61.42	-25.00	-36.42	peak	V
6	644.5000	-73.37	8.33	-65.04	-25.00	-40.04	peak	V
7	3244.000	-70.90	15.43	-55.47	-25.00	-30.47	peak	V
8	4684.000	-74.43	19.45	-54.98	-25.00	-29.98	peak	V
9	7108.000	-75.20	21.63	-53.57	-25.00	-28.57	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	QPSK		
Frequency:	2560.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-68.23	6.51	-61.72	-25.00	-36.72	peak	H
2	215.0000	-61.90	-0.43	-62.33	-25.00	-37.33	peak	H
3	367.5000	-61.15	-0.49	-61.64	-25.00	-36.64	peak	H
4	467.5000	-73.72	4.36	-69.36	-25.00	-44.36	peak	H
5	601.5000	-75.05	6.99	-68.06	-25.00	-43.06	peak	H
6	720.0000	-77.82	7.39	-70.43	-25.00	-45.43	peak	H
7	3340.000	-70.47	12.49	-57.98	-25.00	-32.98	peak	H
8	4720.000	-74.68	15.18	-59.50	-25.00	-34.50	peak	H
9	7024.000	-75.29	23.59	-51.70	-25.00	-26.70	peak	H
1	158.0000	-70.55	17.94	-52.61	-25.00	-27.61	peak	V
2	200.5000	-62.97	9.73	-53.24	-25.00	-28.24	peak	V
3	336.0000	-63.41	0.50	-62.91	-25.00	-37.91	peak	V
4	420.5000	-68.34	0.58	-67.76	-25.00	-42.76	peak	V
5	601.5000	-67.08	6.63	-60.45	-25.00	-35.45	peak	V
6	720.0000	-78.15	10.76	-67.39	-25.00	-42.39	peak	V
7	3268.000	-71.73	15.57	-56.16	-25.00	-31.16	peak	V
8	4720.000	-73.23	19.52	-53.71	-25.00	-28.71	peak	V
9	7156.000	-75.69	21.69	-54.00	-25.00	-29.00	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	16QAM		
Frequency:	2502.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-74.39	6.51	-67.88	-25.00	-42.88	peak	H
2	203.5000	-63.64	1.71	-61.93	-25.00	-36.93	peak	H
3	367.5000	-61.33	-0.49	-61.82	-25.00	-36.82	peak	H
4	467.5000	-73.56	4.36	-69.20	-25.00	-44.20	peak	H
5	576.0000	-74.06	6.64	-67.42	-25.00	-42.42	peak	H
6	720.0000	-78.47	7.39	-71.08	-25.00	-46.08	peak	H
7	3244.000	-71.66	12.19	-59.47	-25.00	-34.47	peak	H
8	4756.000	-72.34	15.38	-56.96	-25.00	-31.96	peak	H
9	7132.000	-74.71	23.89	-50.82	-25.00	-25.82	peak	H
1	167.0000	-61.45	11.07	-50.38	-25.00	-25.38	peak	V
2	200.5000	-66.86	9.73	-57.13	-25.00	-32.13	peak	V
3	336.0000	-65.61	0.50	-65.11	-25.00	-40.11	peak	V
4	480.0000	-63.18	1.65	-61.53	-25.00	-36.53	peak	V
5	601.5000	-70.00	6.63	-63.37	-25.00	-38.37	peak	V
6	720.0000	-77.01	10.76	-66.25	-25.00	-41.25	peak	V
7	3232.000	-70.76	15.36	-55.40	-25.00	-30.40	peak	V
8	4768.000	-74.52	19.61	-54.91	-25.00	-29.91	peak	V
9	7060.000	-76.05	21.54	-54.51	-25.00	-29.51	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	16QAM		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-69.60	6.90	-62.70	-25.00	-37.70	peak	H
2	288.0000	-60.56	-4.10	-64.66	-25.00	-39.66	peak	H
3	367.5000	-60.70	-0.49	-61.19	-25.00	-36.19	peak	H
4	467.5000	-73.00	4.36	-68.64	-25.00	-43.64	peak	H
5	576.0000	-75.99	6.64	-69.35	-25.00	-44.35	peak	H
6	672.0000	-79.18	6.81	-72.37	-25.00	-47.37	peak	H
7	3244.000	-70.83	12.19	-58.64	-25.00	-33.64	peak	H
8	4732.000	-75.18	15.24	-59.94	-25.00	-34.94	peak	H
9	7180.000	-74.39	24.04	-50.35	-25.00	-25.35	peak	H
1	133.5000	-69.39	17.84	-51.55	-25.00	-26.55	peak	V
2	200.5000	-64.91	9.73	-55.18	-25.00	-30.18	peak	V
3	336.0000	-65.12	0.50	-64.62	-25.00	-39.62	peak	V
4	480.0000	-62.84	1.65	-61.19	-25.00	-36.19	peak	V
5	601.5000	-69.09	6.63	-62.46	-25.00	-37.46	peak	V
6	720.0000	-77.99	10.76	-67.23	-25.00	-42.23	peak	V
7	3316.000	-71.04	15.87	-55.17	-25.00	-30.17	peak	V
8	4780.000	-74.25	19.63	-54.62	-25.00	-29.62	peak	V
9	7156.000	-75.27	21.69	-53.58	-25.00	-28.58	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	5 MHz		
Modulation Technology:	16QAM		
Frequency:	2567.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	59.5000	-68.06	6.12	-61.94	-25.00	-36.94	peak	H
2	209.5000	-62.07	0.18	-61.89	-25.00	-36.89	peak	H
3	329.0000	-62.03	-1.36	-63.39	-25.00	-38.39	peak	H
4	480.0000	-74.16	4.99	-69.17	-25.00	-44.17	peak	H
5	576.0000	-76.10	6.64	-69.46	-25.00	-44.46	peak	H
6	672.0000	-80.76	6.81	-73.95	-25.00	-48.95	peak	H
7	3292.000	-72.75	12.35	-60.40	-25.00	-35.40	peak	H
8	4684.000	-75.56	14.98	-60.58	-25.00	-35.58	peak	H
9	7132.000	-74.44	23.89	-50.55	-25.00	-25.55	peak	H
1	167.0000	-61.74	11.07	-50.67	-25.00	-25.67	peak	V
2	200.5000	-65.70	9.73	-55.97	-25.00	-30.97	peak	V
3	331.0000	-62.97	0.50	-62.47	-25.00	-37.47	peak	V
4	480.0000	-63.64	1.65	-61.99	-25.00	-36.99	peak	V
5	601.5000	-68.64	6.63	-62.01	-25.00	-37.01	peak	V
6	687.5000	-77.62	9.64	-67.98	-25.00	-42.98	peak	V
7	3268.000	-71.10	15.57	-55.53	-25.00	-30.53	peak	V
8	4780.000	-74.68	19.63	-55.05	-25.00	-30.05	peak	V
9	7156.000	-73.71	21.69	-52.02	-25.00	-27.02	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	16QAM		
Frequency:	2505.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	150.5000	-70.63	5.10	-65.53	-25.00	-40.53	peak	H
2	200.5000	-63.55	2.48	-61.07	-25.00	-36.07	peak	H
3	367.5000	-60.93	-0.49	-61.42	-25.00	-36.42	peak	H
4	467.5000	-73.37	4.36	-69.01	-25.00	-44.01	peak	H
5	574.5000	-76.66	6.66	-70.00	-25.00	-45.00	peak	H
6	634.5000	-79.41	6.53	-72.88	-25.00	-47.88	peak	H
7	3292.000	-72.05	12.35	-59.70	-25.00	-34.70	peak	H
8	4768.000	-72.63	15.44	-57.19	-25.00	-32.19	peak	H
9	7120.000	-74.65	23.86	-50.79	-25.00	-25.79	peak	H
1	156.0000	-68.84	17.09	-51.75	-25.00	-26.75	peak	V
2	200.5000	-63.27	9.73	-53.54	-25.00	-28.54	peak	V
3	336.0000	-61.16	0.50	-60.66	-25.00	-35.66	peak	V
4	480.0000	-67.82	1.65	-66.17	-25.00	-41.17	peak	V
5	601.5000	-67.16	6.63	-60.53	-25.00	-35.53	peak	V
6	644.5000	-74.81	8.33	-66.48	-25.00	-41.48	peak	V
7	3268.000	-72.13	15.57	-56.56	-25.00	-31.56	peak	V
8	4756.000	-73.99	19.59	-54.40	-25.00	-29.40	peak	V
9	7156.000	-74.49	21.69	-52.80	-25.00	-27.80	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	16QAM		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-68.29	6.38	-61.91	-25.00	-36.91	peak	H
2	200.5000	-64.56	2.48	-62.08	-25.00	-37.08	peak	H
3	367.5000	-60.47	-0.49	-60.96	-25.00	-35.96	peak	H
4	467.5000	-73.43	4.36	-69.07	-25.00	-44.07	peak	H
5	601.5000	-77.41	6.99	-70.42	-25.00	-45.42	peak	H
6	705.5000	-79.93	7.02	-72.91	-25.00	-47.91	peak	H
7	3292.000	-72.84	12.35	-60.49	-25.00	-35.49	peak	H
8	4768.000	-74.56	15.44	-59.12	-25.00	-34.12	peak	H
9	7120.000	-73.00	23.86	-49.14	-25.00	-24.14	peak	H
1	130.5000	-70.25	19.05	-51.20	-25.00	-26.20	peak	V
2	200.5000	-60.85	9.73	-51.12	-25.00	-26.12	peak	V
3	336.0000	-61.31	0.50	-60.81	-25.00	-35.81	peak	V
4	491.0000	-67.43	1.82	-65.61	-25.00	-40.61	peak	V
5	601.5000	-67.01	6.63	-60.38	-25.00	-35.38	peak	V
6	668.5000	-73.91	9.18	-64.73	-25.00	-39.73	peak	V
7	3280.000	-70.75	15.65	-55.10	-25.00	-30.10	peak	V
8	4732.000	-75.20	19.54	-55.66	-25.00	-30.66	peak	V
9	7156.000	-75.90	21.69	-54.21	-25.00	-29.21	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	10 MHz		
Modulation Technology:	16QAM		
Frequency:	2565.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	152.0000	-71.45	5.48	-65.97	-25.00	-40.97	peak	H
2	207.5000	-62.47	0.69	-61.78	-25.00	-36.78	peak	H
3	367.5000	-61.63	-0.49	-62.12	-25.00	-37.12	peak	H
4	467.5000	-73.76	4.36	-69.40	-25.00	-44.40	peak	H
5	561.5000	-75.99	6.83	-69.16	-25.00	-44.16	peak	H
6	701.5000	-79.28	6.91	-72.37	-25.00	-47.37	peak	H
7	3292.000	-71.94	12.35	-59.59	-25.00	-34.59	peak	H
8	4720.000	-73.60	15.18	-58.42	-25.00	-33.42	peak	H
9	7084.000	-74.49	23.76	-50.73	-25.00	-25.73	peak	H
1	130.5000	-70.94	19.05	-51.89	-25.00	-26.89	peak	V
2	200.5000	-66.28	9.73	-56.55	-25.00	-31.55	peak	V
3	336.0000	-61.92	0.50	-61.42	-25.00	-36.42	peak	V
4	491.0000	-69.18	1.82	-67.36	-25.00	-42.36	peak	V
5	601.5000	-67.05	6.63	-60.42	-25.00	-35.42	peak	V
6	672.0000	-76.95	9.23	-67.72	-25.00	-42.72	peak	V
7	3268.000	-71.38	15.57	-55.81	-25.00	-30.81	peak	V
8	4708.000	-74.42	19.49	-54.93	-25.00	-29.93	peak	V
9	7132.000	-74.72	21.65	-53.07	-25.00	-28.07	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	16QAM		
Frequency:	2507.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-73.54	6.90	-66.64	-25.00	-41.64	peak	H
2	200.5000	-64.63	2.48	-62.15	-25.00	-37.15	peak	H
3	367.5000	-61.22	-0.49	-61.71	-25.00	-36.71	peak	H
4	467.5000	-73.86	4.36	-69.50	-25.00	-44.50	peak	H
5	601.5000	-76.71	6.99	-69.72	-25.00	-44.72	peak	H
6	720.0000	-79.09	7.39	-71.70	-25.00	-46.70	peak	H
7	3244.000	-71.75	12.19	-59.56	-25.00	-34.56	peak	H
8	4720.000	-73.12	15.18	-57.94	-25.00	-32.94	peak	H
9	7168.000	-73.55	24.01	-49.54	-25.00	-24.54	peak	H
1	157.5000	-70.24	17.72	-52.52	-25.00	-27.52	peak	V
2	200.5000	-67.20	9.73	-57.47	-25.00	-32.47	peak	V
3	336.0000	-62.27	0.50	-61.77	-25.00	-36.77	peak	V
4	480.0000	-66.64	1.65	-64.99	-25.00	-39.99	peak	V
5	601.5000	-66.97	6.63	-60.34	-25.00	-35.34	peak	V
6	668.0000	-75.45	9.17	-66.28	-25.00	-41.28	peak	V
7	3316.000	-69.35	15.87	-53.48	-25.00	-28.48	peak	V
8	4768.000	-72.74	19.61	-53.13	-25.00	-28.13	peak	V
9	7108.000	-74.36	21.63	-52.73	-25.00	-27.73	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	16QAM		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	156.0000	-71.38	6.51	-64.87	-25.00	-39.87	peak	H
2	200.5000	-65.28	2.48	-62.80	-25.00	-37.80	peak	H
3	367.5000	-61.68	-0.49	-62.17	-25.00	-37.17	peak	H
4	467.5000	-74.22	4.36	-69.86	-25.00	-44.86	peak	H
5	601.5000	-75.34	6.99	-68.35	-25.00	-43.35	peak	H
6	699.0000	-78.49	6.87	-71.62	-25.00	-46.62	peak	H
7	3280.000	-71.35	12.31	-59.04	-25.00	-34.04	peak	H
8	4720.000	-75.14	15.18	-59.96	-25.00	-34.96	peak	H
9	7060.000	-75.45	23.69	-51.76	-25.00	-26.76	peak	H
1	131.0000	-72.79	18.85	-53.94	-25.00	-28.94	peak	V
2	200.5000	-60.74	9.73	-51.01	-25.00	-26.01	peak	V
3	336.0000	-62.49	0.50	-61.99	-25.00	-36.99	peak	V
4	480.0000	-66.78	1.65	-65.13	-25.00	-40.13	peak	V
5	601.5000	-66.91	6.63	-60.28	-25.00	-35.28	peak	V
6	720.0000	-77.26	10.76	-66.50	-25.00	-41.50	peak	V
7	3268.000	-71.81	15.57	-56.24	-25.00	-31.24	peak	V
8	4780.000	-73.30	19.63	-53.67	-25.00	-28.67	peak	V
9	7168.000	-74.38	21.72	-52.66	-25.00	-27.66	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	15 MHz		
Modulation Technology:	16QAM		
Frequency:	2562.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	158.5000	-73.74	7.15	-66.59	-25.00	-41.59	peak	H
2	200.5000	-65.48	2.48	-63.00	-25.00	-38.00	peak	H
3	367.5000	-60.81	-0.49	-61.30	-25.00	-36.30	peak	H
4	467.5000	-74.15	4.36	-69.79	-25.00	-44.79	peak	H
5	601.5000	-76.19	6.99	-69.20	-25.00	-44.20	peak	H
6	719.0000	-78.46	7.37	-71.09	-25.00	-46.09	peak	H
7	3292.000	-71.80	12.35	-59.45	-25.00	-34.45	peak	H
8	4708.000	-74.80	15.11	-59.69	-25.00	-34.69	peak	H
9	7108.000	-74.96	23.84	-51.12	-25.00	-26.12	peak	H
1	130.5000	-71.76	19.05	-52.71	-25.00	-27.71	peak	V
2	200.5000	-64.39	9.73	-54.66	-25.00	-29.66	peak	V
3	336.0000	-61.93	0.50	-61.43	-25.00	-36.43	peak	V
4	480.0000	-68.24	1.65	-66.59	-25.00	-41.59	peak	V
5	601.5000	-68.08	6.63	-61.45	-25.00	-36.45	peak	V
6	720.0000	-79.23	10.76	-68.47	-25.00	-43.47	peak	V
7	3280.000	-71.08	15.65	-55.43	-25.00	-30.43	peak	V
8	4732.000	-74.32	19.54	-54.78	-25.00	-29.78	peak	V
9	7132.000	-75.65	21.65	-54.00	-25.00	-29.00	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	16QAM		
Frequency:	2510.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	157.5000	-73.46	6.90	-66.56	-25.00	-41.56	peak	H
2	200.5000	-64.65	2.48	-62.17	-25.00	-37.17	peak	H
3	367.5000	-62.35	-0.49	-62.84	-25.00	-37.84	peak	H
4	480.0000	-74.77	4.99	-69.78	-25.00	-44.78	peak	H
5	601.5000	-74.54	6.99	-67.55	-25.00	-42.55	peak	H
6	720.0000	-78.37	7.39	-70.98	-25.00	-45.98	peak	H
7	3316.000	-71.48	12.41	-59.07	-25.00	-34.07	peak	H
8	4732.000	-74.90	15.24	-59.66	-25.00	-34.66	peak	H
9	7120.000	-74.67	23.86	-50.81	-25.00	-25.81	peak	H
1	151.5000	-70.71	15.21	-55.50	-25.00	-30.50	peak	V
2	200.5000	-61.25	9.73	-51.52	-25.00	-26.52	peak	V
3	336.0000	-62.93	0.50	-62.43	-25.00	-37.43	peak	V
4	480.0000	-69.18	1.65	-67.53	-25.00	-42.53	peak	V
5	601.5000	-68.00	6.63	-61.37	-25.00	-36.37	peak	V
6	730.0000	-77.87	10.57	-67.30	-25.00	-42.30	peak	V
7	3280.000	-70.70	15.65	-55.05	-25.00	-30.05	peak	V
8	4732.000	-75.04	19.54	-55.50	-25.00	-30.50	peak	V
9	7072.000	-74.76	21.56	-53.20	-25.00	-28.20	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum. (%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	16QAM		
Frequency:	2535.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.5000	-71.14	6.38	-64.76	-25.00	-39.76	peak	H
2	200.5000	-65.06	2.48	-62.58	-25.00	-37.58	peak	H
3	367.5000	-61.09	-0.49	-61.58	-25.00	-36.58	peak	H
4	467.5000	-75.45	4.36	-71.09	-25.00	-46.09	peak	H
5	601.5000	-74.47	6.99	-67.48	-25.00	-42.48	peak	H
6	720.0000	-77.84	7.39	-70.45	-25.00	-45.45	peak	H
7	3292.000	-72.45	12.35	-60.10	-25.00	-35.10	peak	H
8	4660.000	-73.94	14.86	-59.08	-25.00	-34.08	peak	H
9	7120.000	-75.50	23.86	-51.64	-25.00	-26.64	peak	H
1	157.5000	-68.54	17.72	-50.82	-25.00	-25.82	peak	V
2	200.5000	-61.92	9.73	-52.19	-25.00	-27.19	peak	V
3	336.0000	-61.60	0.50	-61.10	-25.00	-36.10	peak	V
4	480.0000	-69.37	1.65	-67.72	-25.00	-42.72	peak	V
5	601.5000	-66.42	6.63	-59.79	-25.00	-34.79	peak	V
6	720.0000	-79.34	10.76	-68.58	-25.00	-43.58	peak	V
7	3328.000	-72.22	15.95	-56.27	-25.00	-31.27	peak	V
8	4660.000	-74.10	19.41	-54.69	-25.00	-29.69	peak	V
9	7156.000	-75.72	21.69	-54.03	-25.00	-29.03	peak	V



Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	AC 120V/60Hz
Band:	LTE Band 7	Temp.(°C)/Hum.(%RH):	22(°C)/50%RH
Channel Bandwidth:	20 MHz		
Modulation Technology:	16QAM		
Frequency:	2560.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	155.0000	-69.21	6.26	-62.95	-25.00	-37.95	peak	H
2	214.5000	-61.84	-0.39	-62.23	-25.00	-37.23	peak	H
3	367.5000	-61.32	-0.49	-61.81	-25.00	-36.81	peak	H
4	467.5000	-74.14	4.36	-69.78	-25.00	-44.78	peak	H
5	601.5000	-75.48	6.99	-68.49	-25.00	-43.49	peak	H
6	720.0000	-78.09	7.39	-70.70	-25.00	-45.70	peak	H
7	3244.000	-70.03	12.19	-57.84	-25.00	-32.84	peak	H
8	4780.000	-72.93	15.50	-57.43	-25.00	-32.43	peak	H
9	7168.000	-75.58	24.01	-51.57	-25.00	-26.57	peak	H
1	142.5000	-70.28	15.05	-55.23	-25.00	-30.23	peak	V
2	200.5000	-65.98	9.73	-56.25	-25.00	-31.25	peak	V
3	336.0000	-61.80	0.50	-61.30	-25.00	-36.30	peak	V
4	480.0000	-69.62	1.65	-67.97	-25.00	-42.97	peak	V
5	601.5000	-66.82	6.63	-60.19	-25.00	-35.19	peak	V
6	720.0000	-78.47	10.76	-67.71	-25.00	-42.71	peak	V
7	3292.000	-72.57	15.73	-56.84	-25.00	-31.84	peak	V
8	4720.000	-74.42	19.52	-54.90	-25.00	-29.90	peak	V
9	7120.000	-75.45	21.63	-53.82	-25.00	-28.82	peak	V