8 Conducted Spurious Emission and Radiation Emission Test

8.1. 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

8.2. Test Instruments

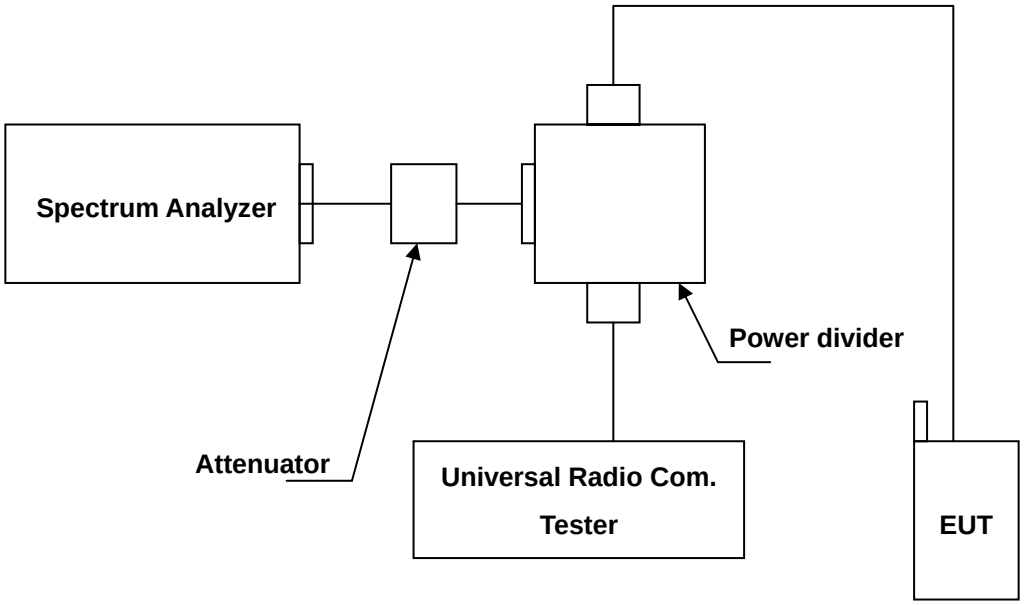
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Remark
Spectrum Analyzer	Agilent	E4445A	MY46181986	05/14/2015	(1)
Wideband Radio Communication Test	R & S	CMW500	103168	11/05/2014	(1)
Attenuator	RADIALL	R41572000	0603033073	N.C.R.	-----
Power divider	Agilent	87302C	3239A00760	N.C.R.	-----
Test Site	ATL	TE02	TE02	N.C.R.	-----

Remark: (1) Calibration period 1 year. (2) Calibration period 2 years.

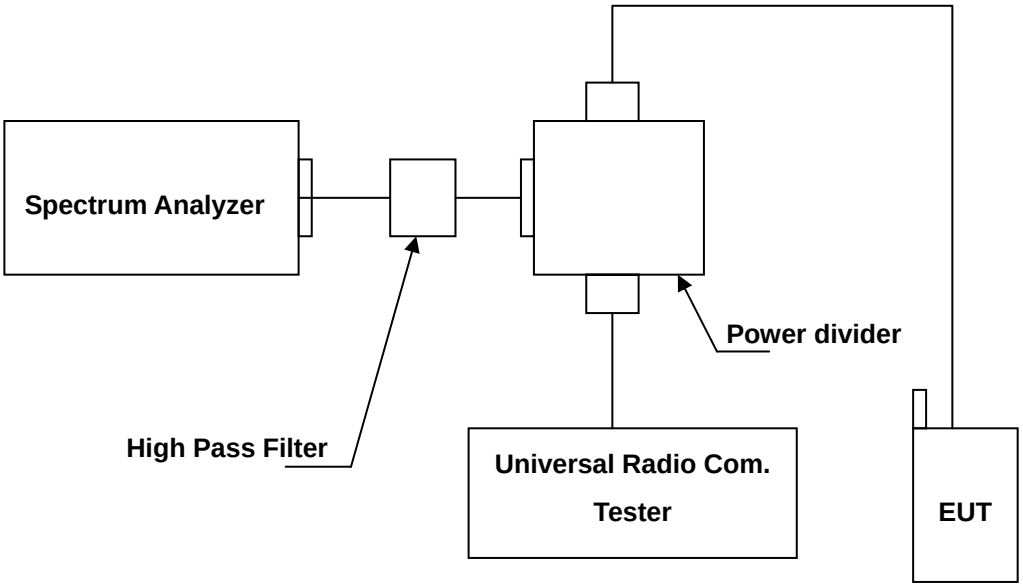
Note: N.C.R. = No Calibration Request.

8.3. Setup

Below 2.8GHz



Above 2.8GHz



8.4. Test Procedure

a. The EUT was set up for the maximum peak power with LTE / WCDMA link data modulation. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high operational frequency range.).

b. The conducted spurious emission used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.

c. When the spectrum scanned from 10MHz to 2.5GHz (Band 7and Band 41: scanned from 10MHz to 4GHz) , it shall be connected to the band reject filter attenuated the carried frequency. The spectrum set RB=1MHz, VB=1MHz.

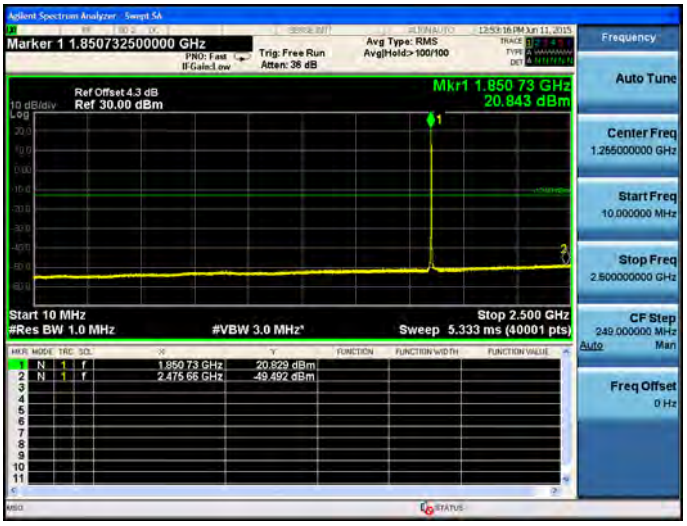
d. When the spectrum scanned from 2.5GHz to 10th harmonic (Band 7 and Band 41: scanned from 4GHz to 10th harmonic), it shall be connected to the high pass filter attenuated the carried frequency. The spectrum set RB=1MHz, VB=1MHz.

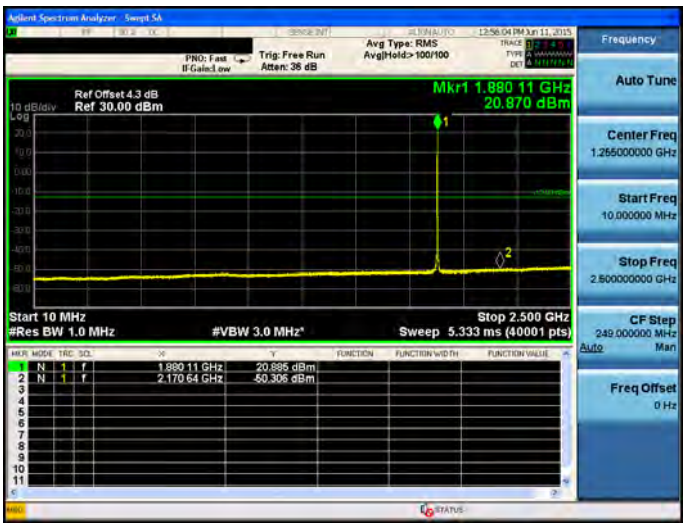
8.5. Uncertainty

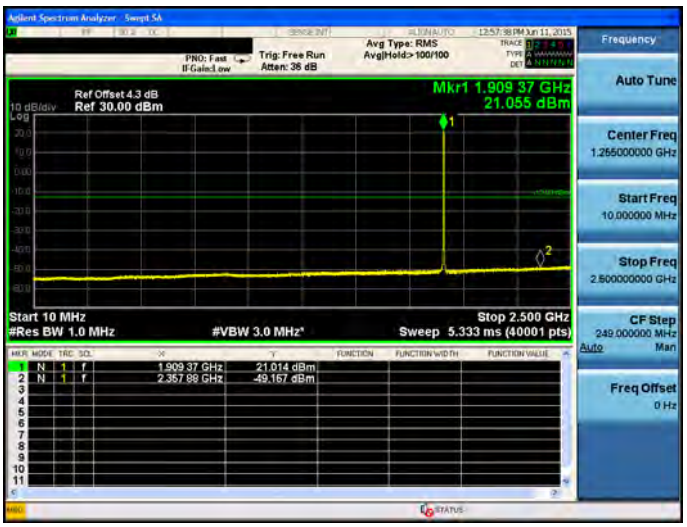
The measurement uncertainty is evaluated as ± 2.24 dB.

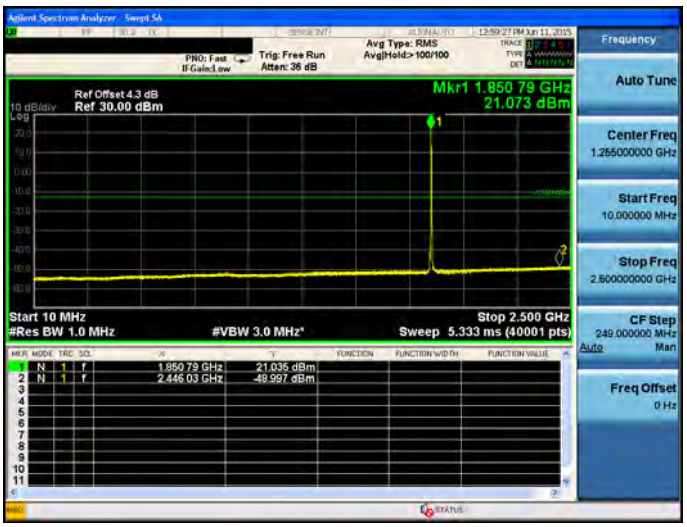
8.6. Test Graphs

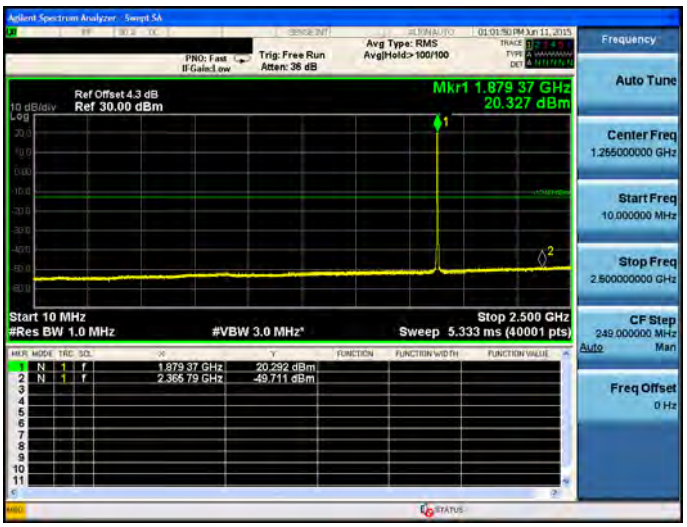
Conducted Emission

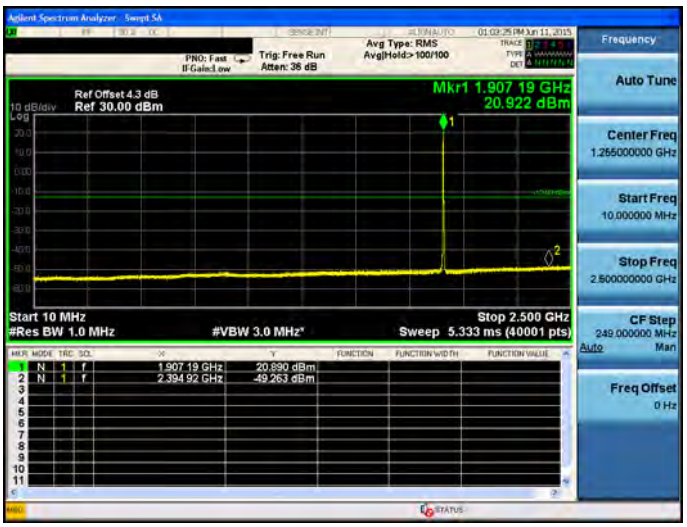
LTE Band 2 (Channel Bandwidth: 1.4 MHz) _ QPSK	
1850.7 MHz	
	

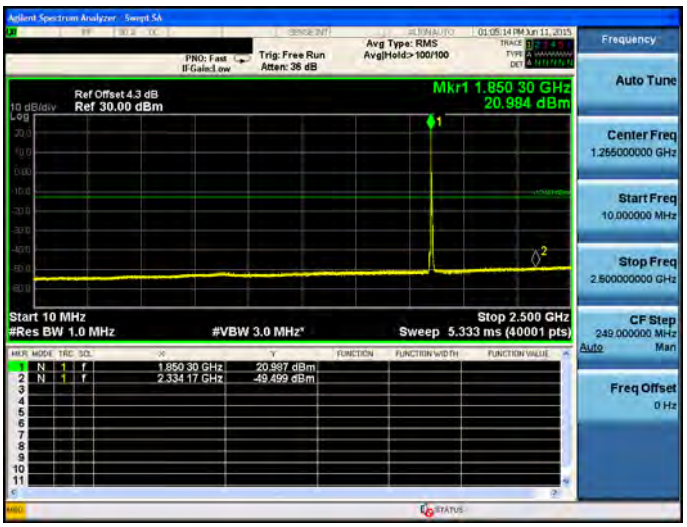
LTE Band 2 (Channel Bandwidth: 1.4 MHz) _ QPSK	
1880.0 MHz	
	

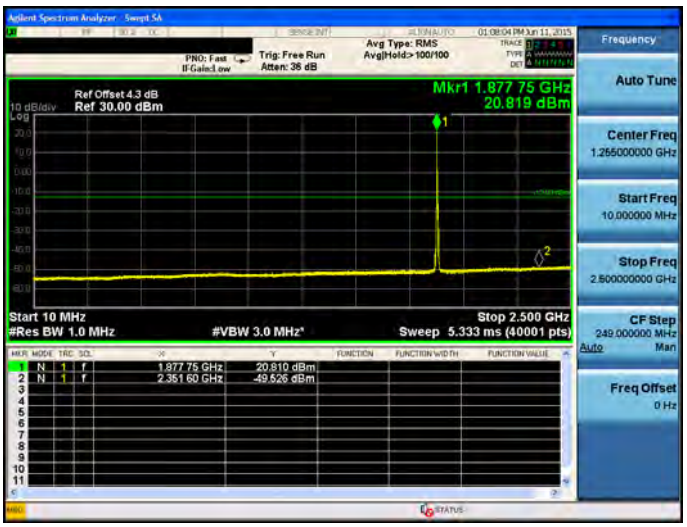
LTE Band 2 (Channel Bandwidth: 1.4 MHz) _ QPSK	
1909.3 MHz	
	

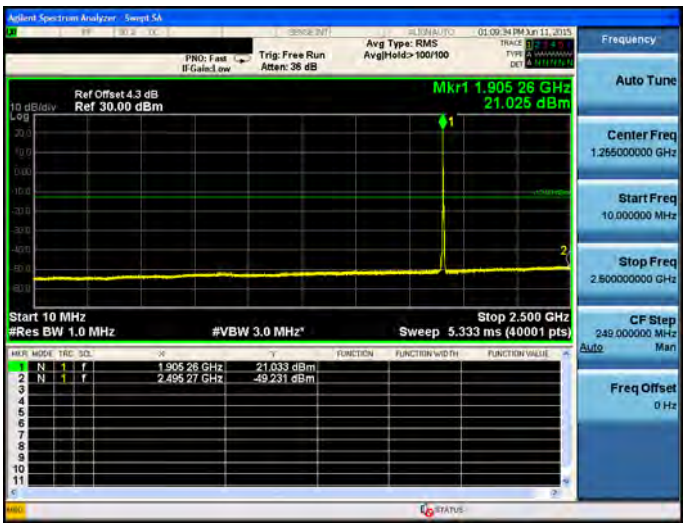
LTE Band 2 (Channel Bandwidth: 3 MHz) _ QPSK	
1851.5 MHz	
	

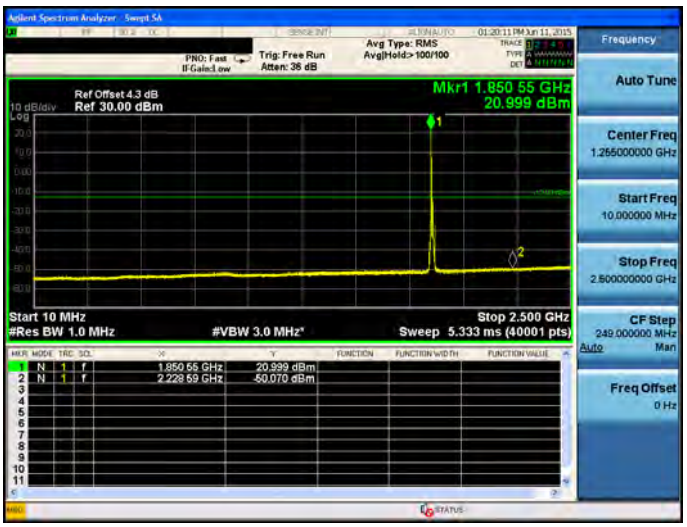
LTE Band 2 (Channel Bandwidth: 3 MHz) _ QPSK	
1880.0 MHz	
	

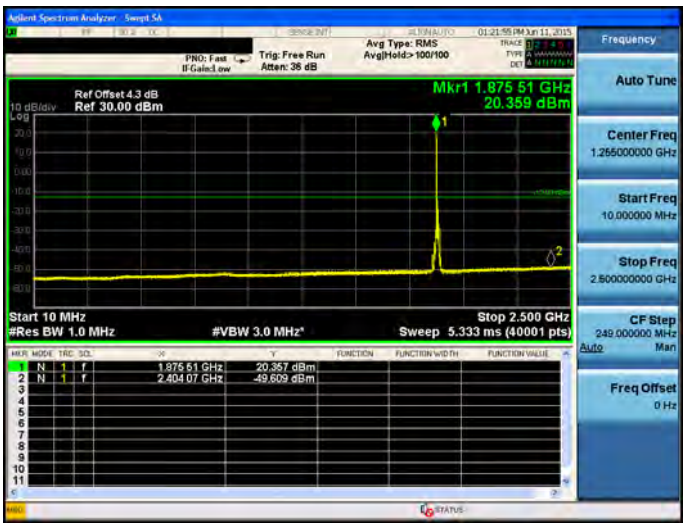
LTE Band 2 (Channel Bandwidth: 3 MHz) _ QPSK	
1908.5 MHz	
	

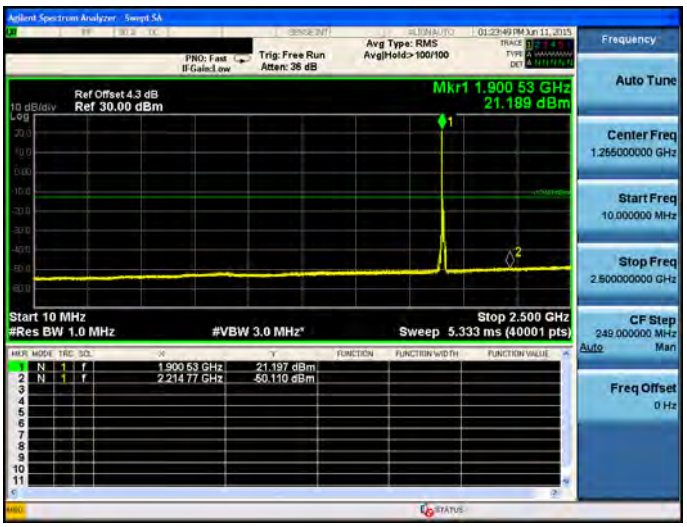
LTE Band 2 (Channel Bandwidth: 5 MHz) _ QPSK	
1852.5 MHz	
	

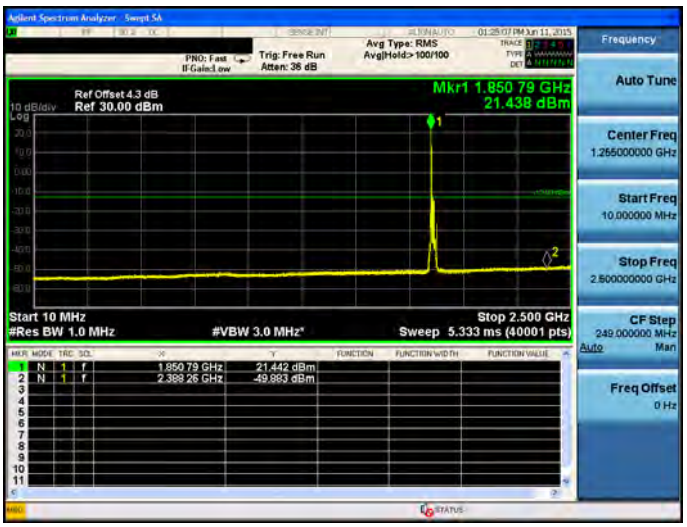
LTE Band 2 (Channel Bandwidth: 5 MHz) _ QPSK	
1880.0 MHz	
	

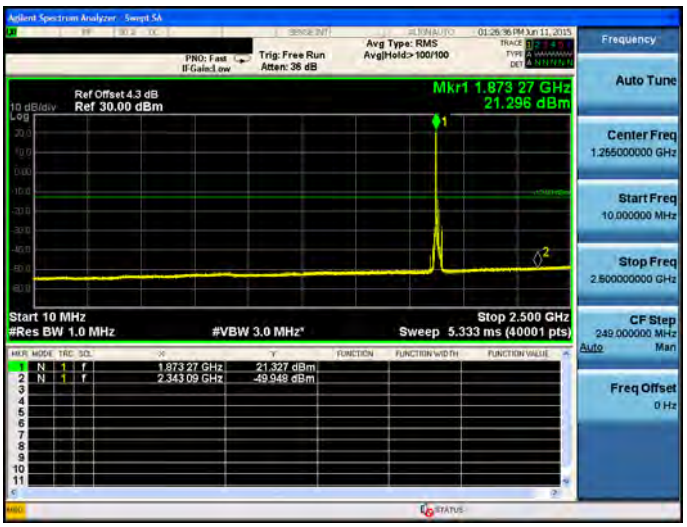
LTE Band 2 (Channel Bandwidth: 5 MHz) _ QPSK	
1907.5 MHz	
	

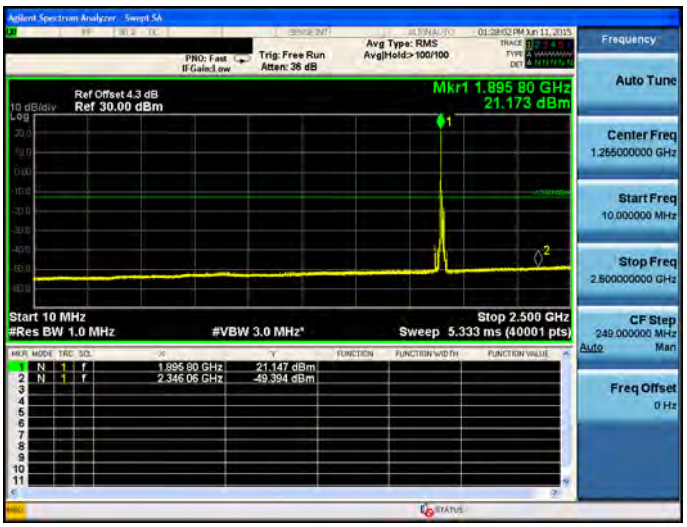
LTE Band 2 (Channel Bandwidth: 10 MHz) _ QPSK	
1855.0 MHz	 

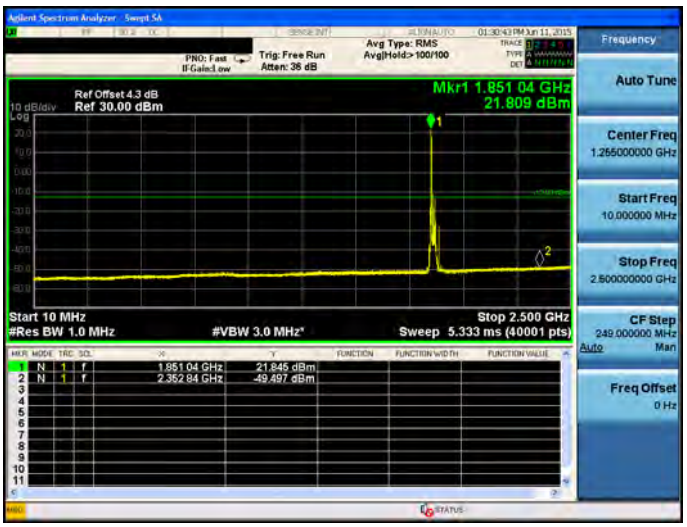
LTE Band 2 (Channel Bandwidth: 10 MHz) _ QPSK	
1880.0 MHz	 

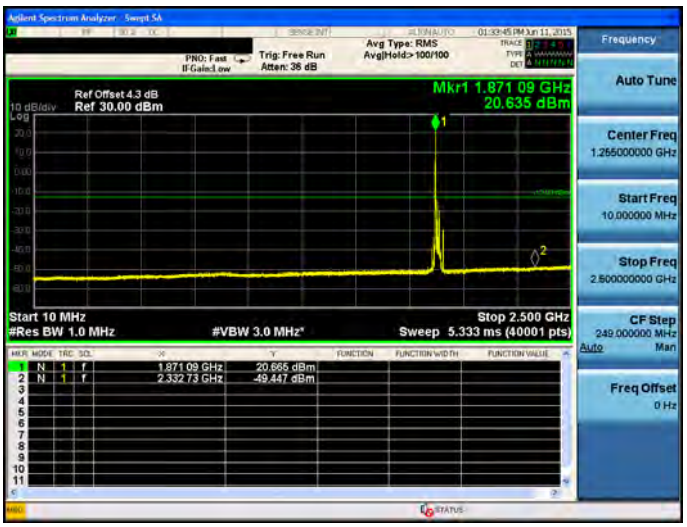
LTE Band 2 (Channel Bandwidth: 10 MHz) _ QPSK	
1905.0 MHz	
	

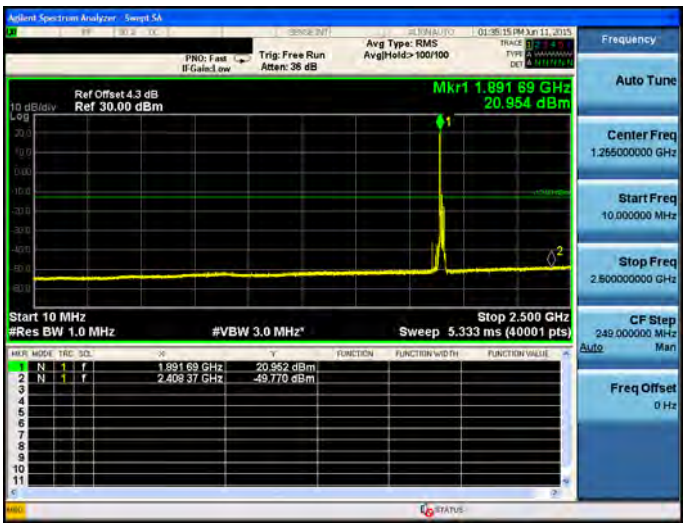
LTE Band 2 (Channel Bandwidth: 15 MHz) _ QPSK	
1857.5 MHz	
	

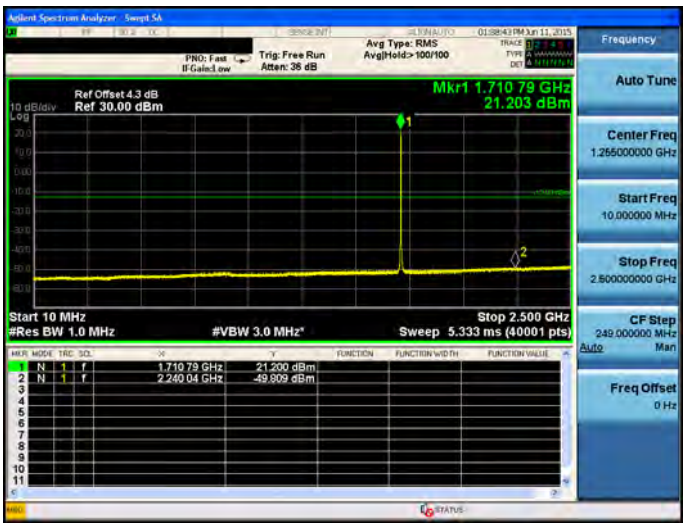
LTE Band 2 (Channel Bandwidth: 15 MHz) _ QPSK	
1880.0 MHz	
	

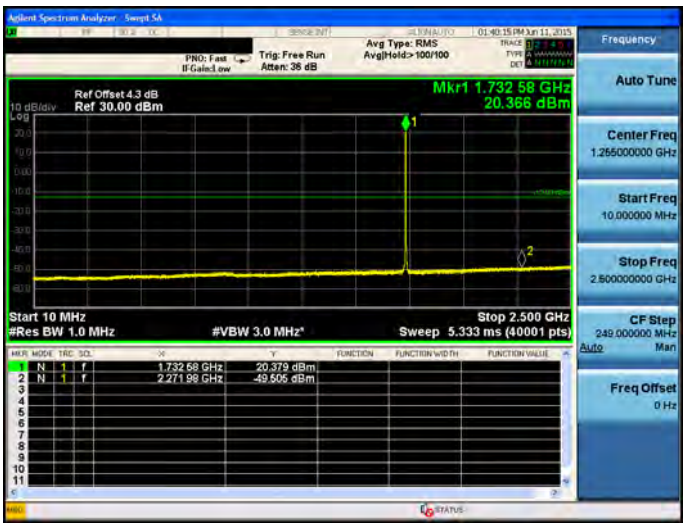
LTE Band 2 (Channel Bandwidth: 15 MHz) _ QPSK	
1902.5 MHz	
	

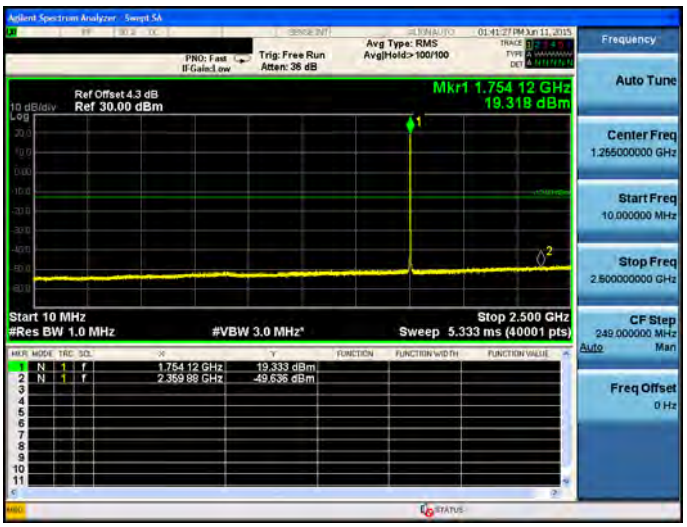
LTE Band 2 (Channel Bandwidth: 20 MHz) _ QPSK	
1860.0 MHz	
	

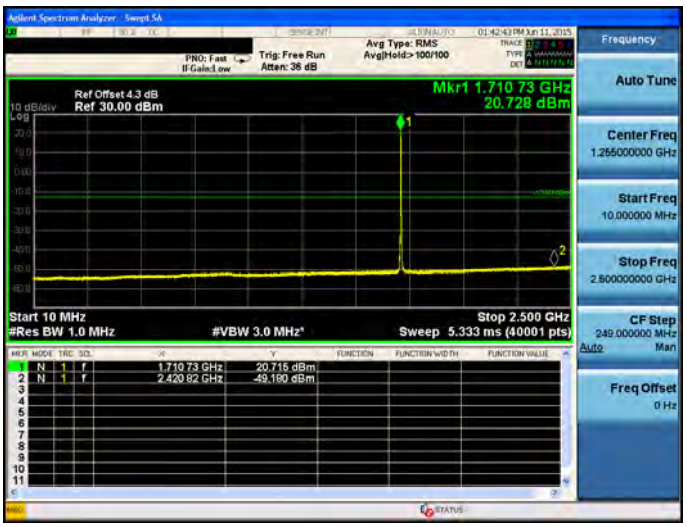
LTE Band 2 (Channel Bandwidth: 20 MHz) _ QPSK	
1880.0 MHz	
	

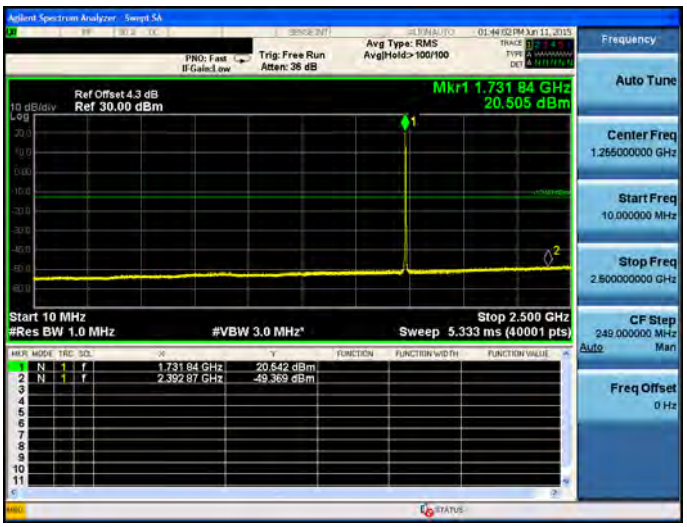
LTE Band 2 (Channel Bandwidth: 20 MHz) _ QPSK	
1900.0 MHz	
	

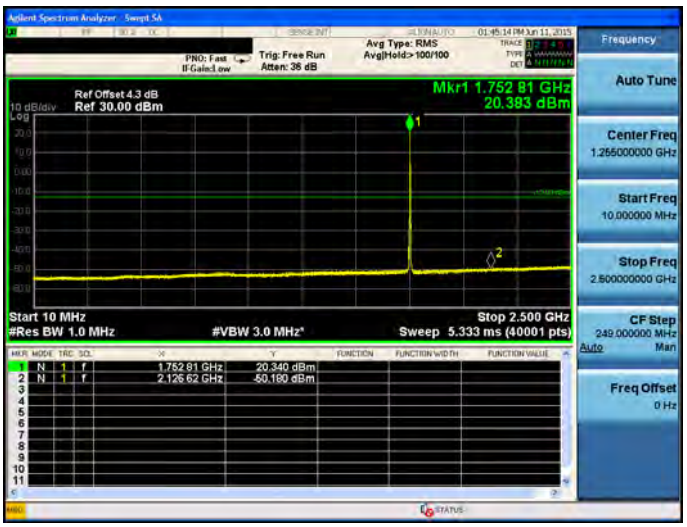
LTE Band 4 (Channel Bandwidth: 1.4 MHz) _ QPSK	
1710.7 MHz	
	

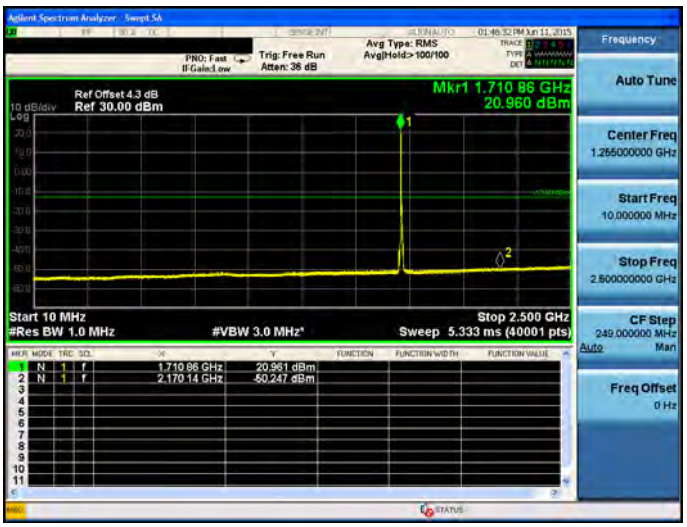
LTE Band 4 (Channel Bandwidth: 1.4 MHz) _ QPSK	
1732.5 MHz	
	

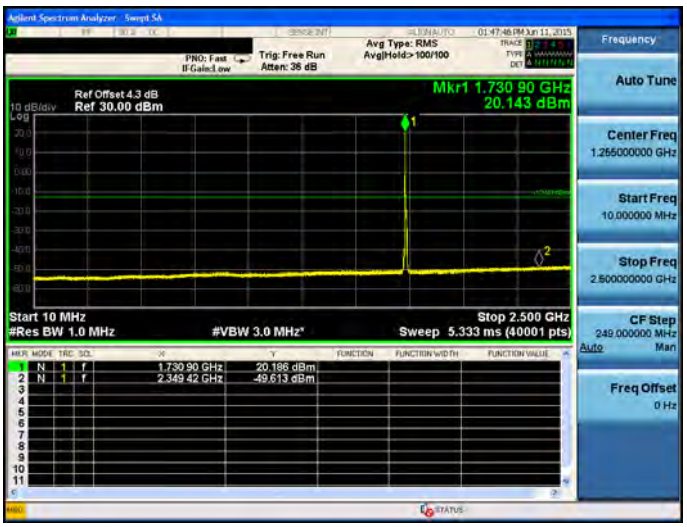
LTE Band 4 (Channel Bandwidth: 1.4 MHz) _ QPSK	
1754.3 MHz	
	

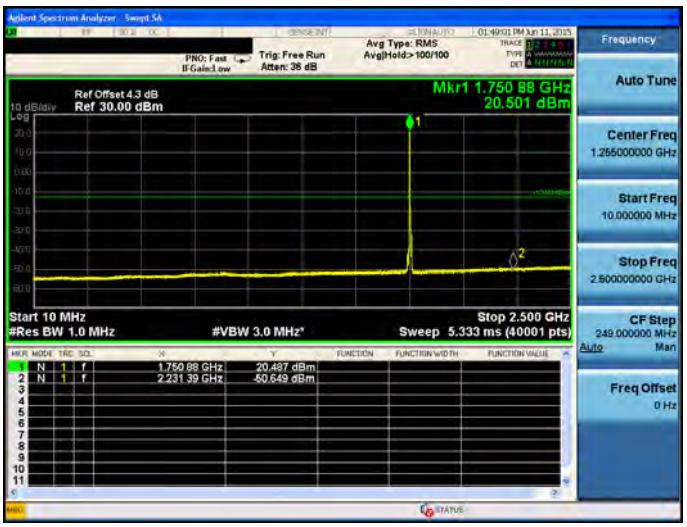
LTE Band 4 (Channel Bandwidth: 3 MHz) _ QPSK	
1711.5 MHz	
	

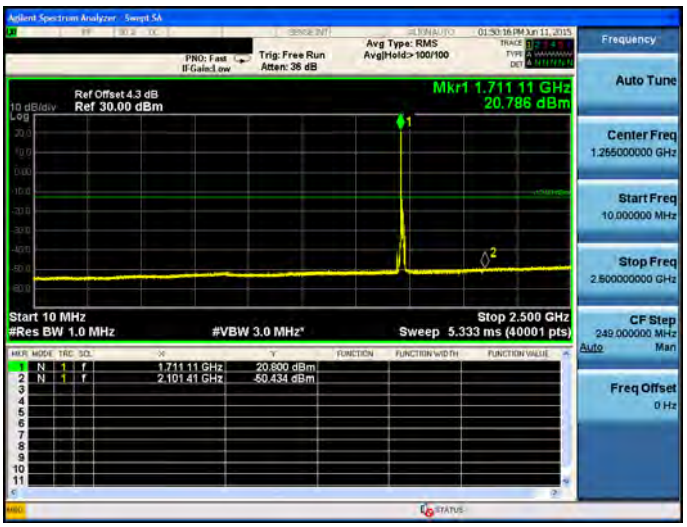
LTE Band 4 (Channel Bandwidth: 3 MHz) _ QPSK	
1732.5 MHz	
	

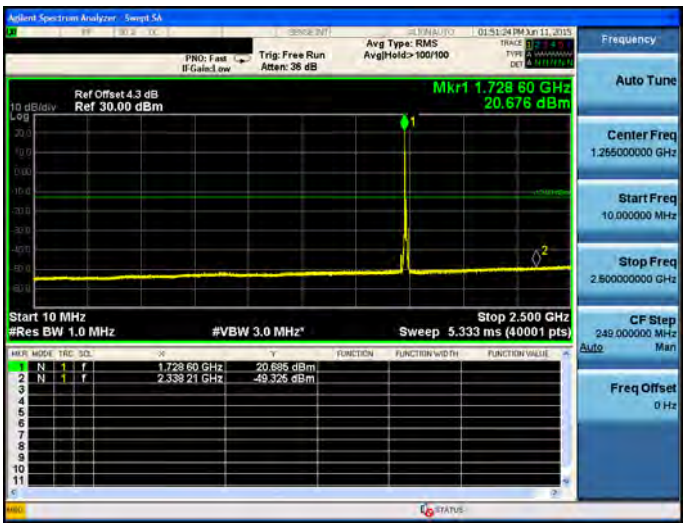
LTE Band 4 (Channel Bandwidth: 3 MHz) _ QPSK	
1753.5 MHz	
	

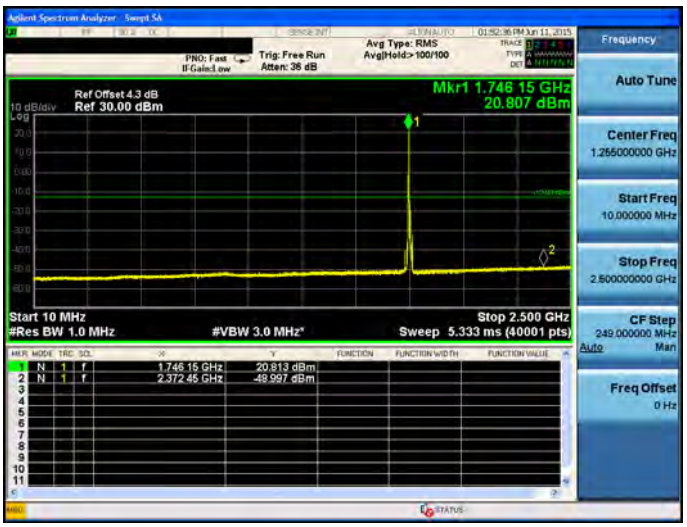
LTE Band 4 (Channel Bandwidth: 5 MHz) _ QPSK	
1712.5 MHz	
	

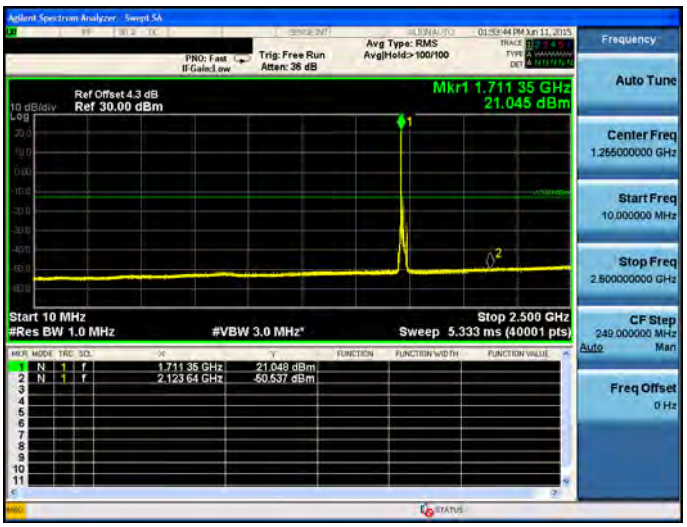
LTE Band 4 (Channel Bandwidth: 5 MHz) _ QPSK	
1732.5 MHz	
	

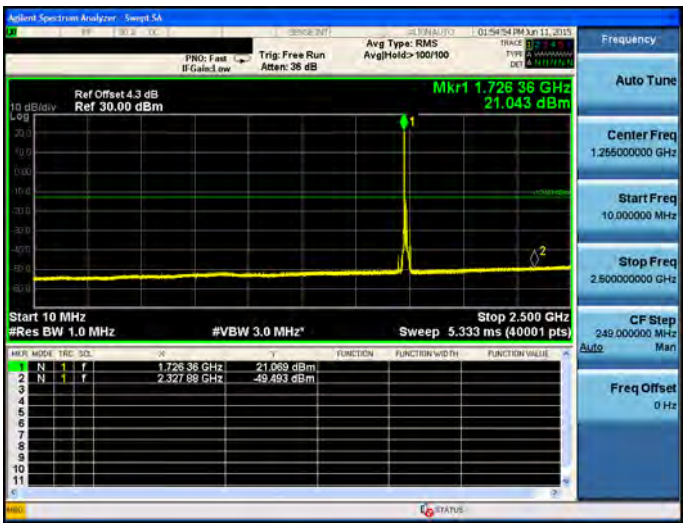
LTE Band 4 (Channel Bandwidth: 5 MHz) _ QPSK	
1752.5 MHz	
	

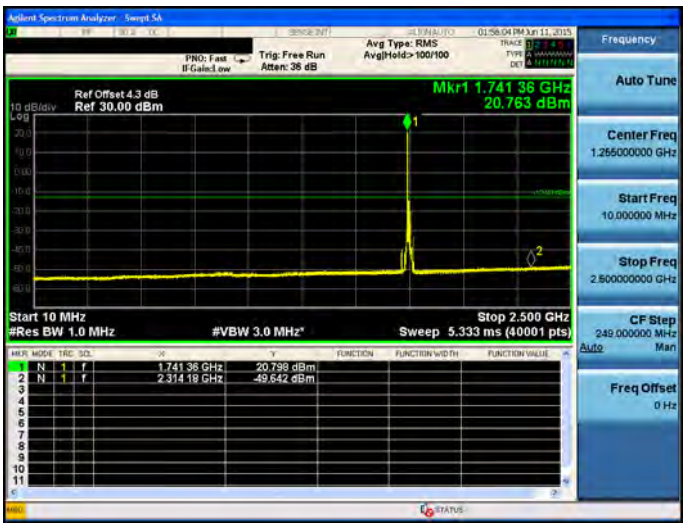
LTE Band 4 (Channel Bandwidth: 10 MHz) _ QPSK	
1715.0 MHz	
	

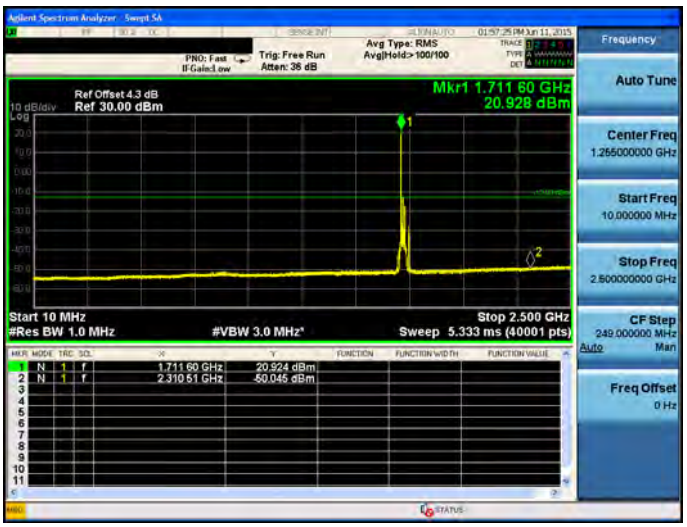
LTE Band 4 (Channel Bandwidth: 10 MHz) _ QPSK	
11732.5 MHz	
	

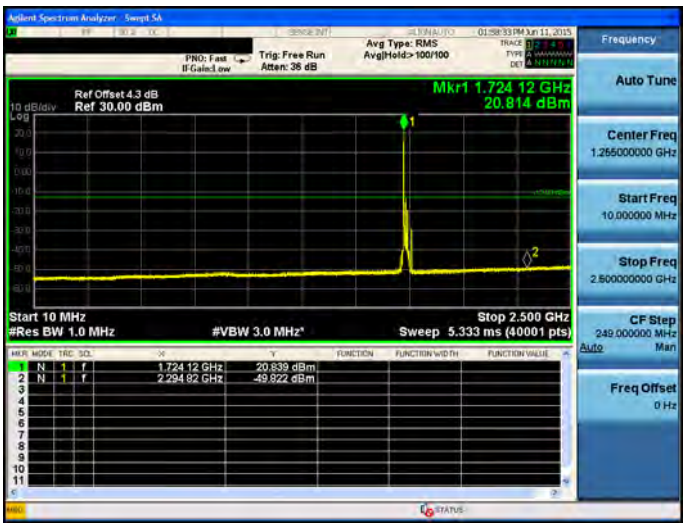
LTE Band 4 (Channel Bandwidth: 10 MHz) _ QPSK	
1750.0 MHz	
	

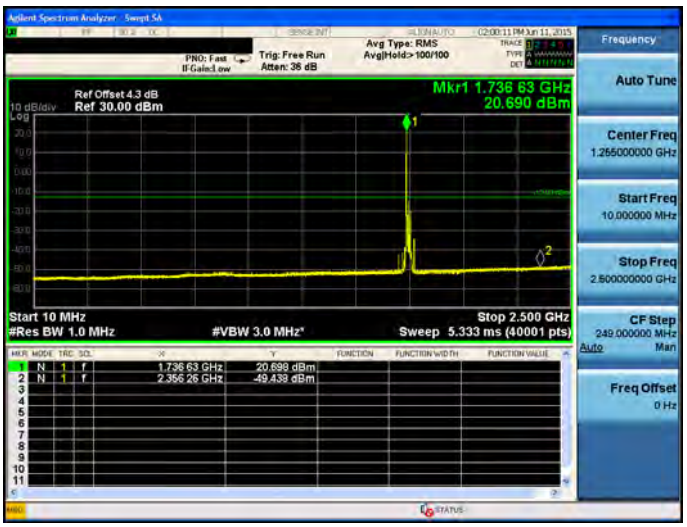
LTE Band 4 (Channel Bandwidth: 15 MHz) _ QPSK	
1717.5 MHz	
	

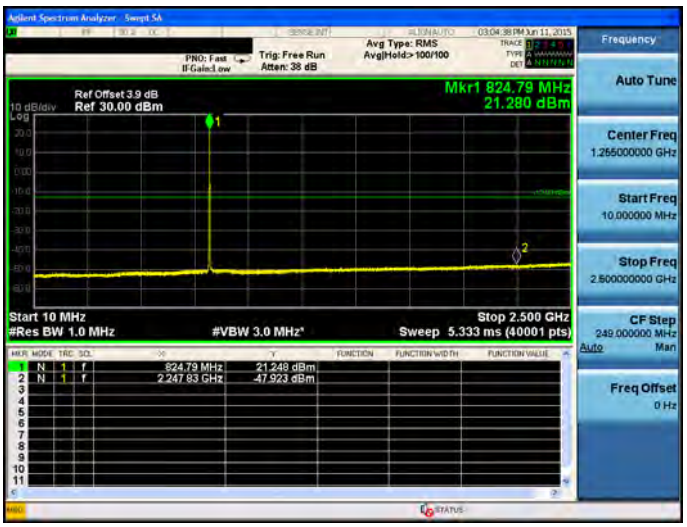
LTE Band 4 (Channel Bandwidth: 15 MHz) _ QPSK	
1732.5 MHz	 

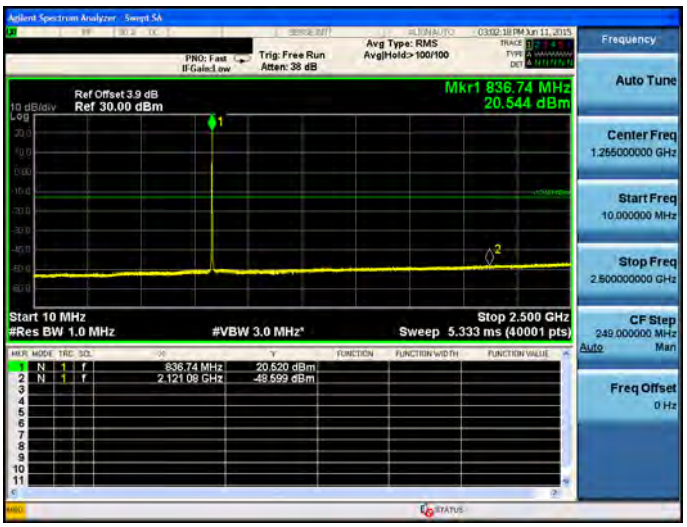
LTE Band 4 (Channel Bandwidth: 15 MHz) _ QPSK	
1747.5 MHz	
	

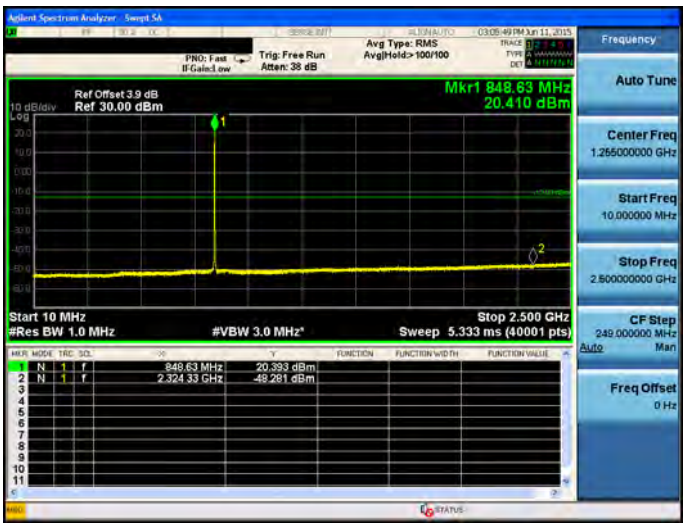
LTE Band 4 (Channel Bandwidth: 20 MHz) _ QPSK	
1720.0 MHz	
	

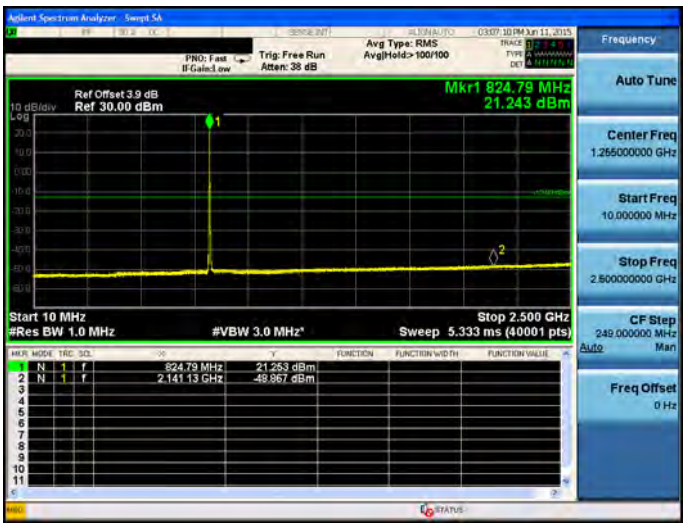
LTE Band 4 (Channel Bandwidth: 20 MHz) _ QPSK	
1732.5 MHz	
	

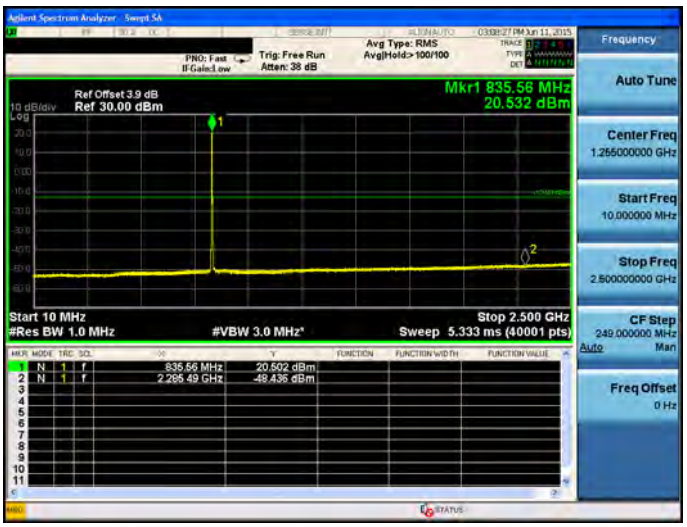
LTE Band 4 (Channel Bandwidth: 20 MHz) _ QPSK	
1745.0 MHz	
	

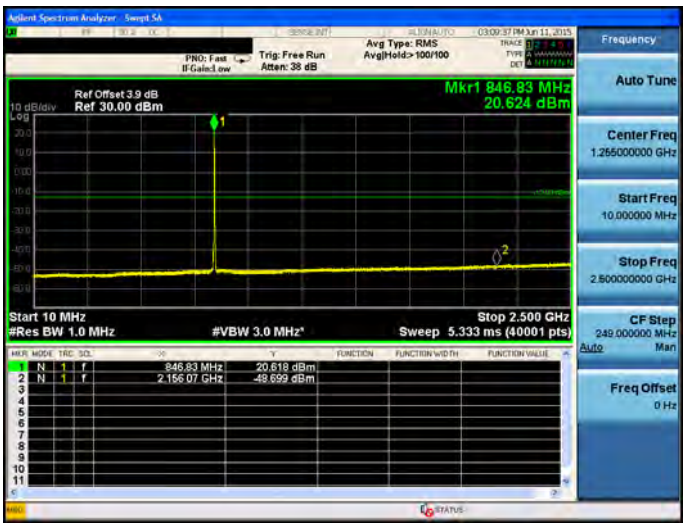
LTE Band 5 (Channel Bandwidth: 1.4 MHz) _ QPSK	
824.7 MHz	
	

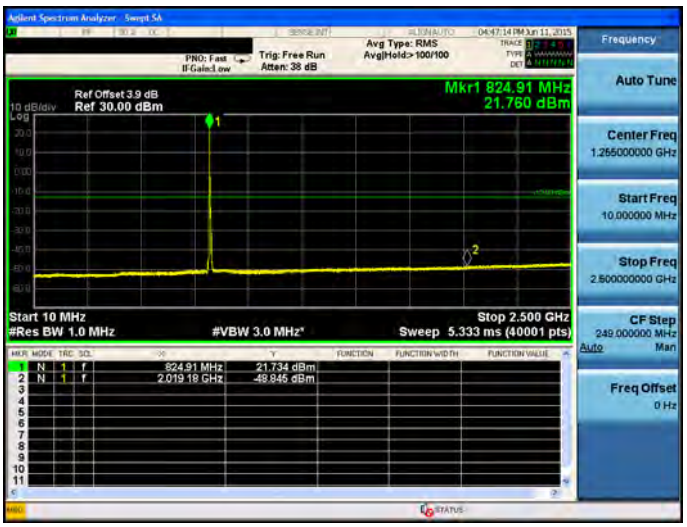
LTE Band 5 (Channel Bandwidth: 1.4 MHz) _ QPSK	
836.5 MHz	
	

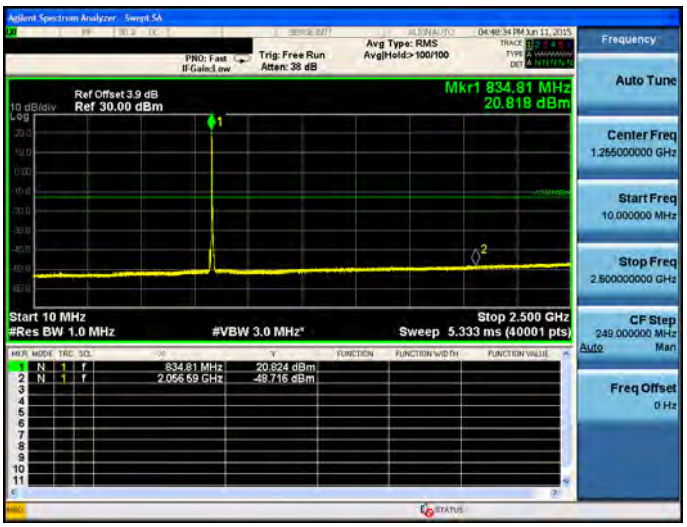
LTE Band 5 (Channel Bandwidth: 1.4 MHz) _ QPSK	
848.3 MHz	
	

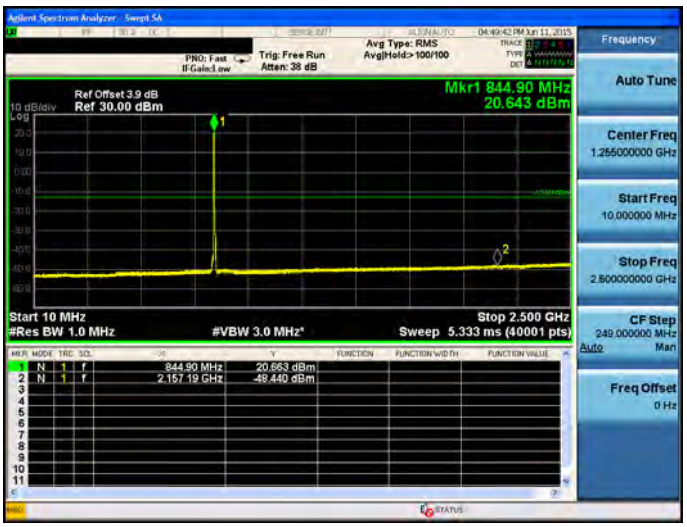
LTE Band 5 (Channel Bandwidth: 3 MHz) _ QPSK	
825.5 MHz	
	

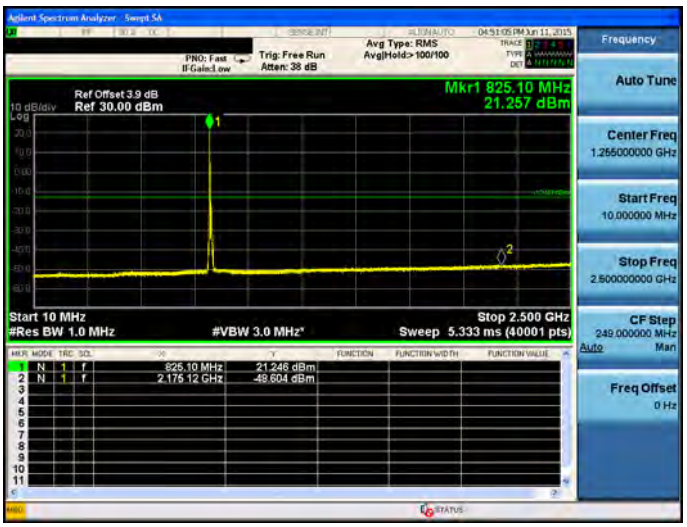
LTE Band 5 (Channel Bandwidth: 3 MHz) _ QPSK	
836.5 MHz	
	

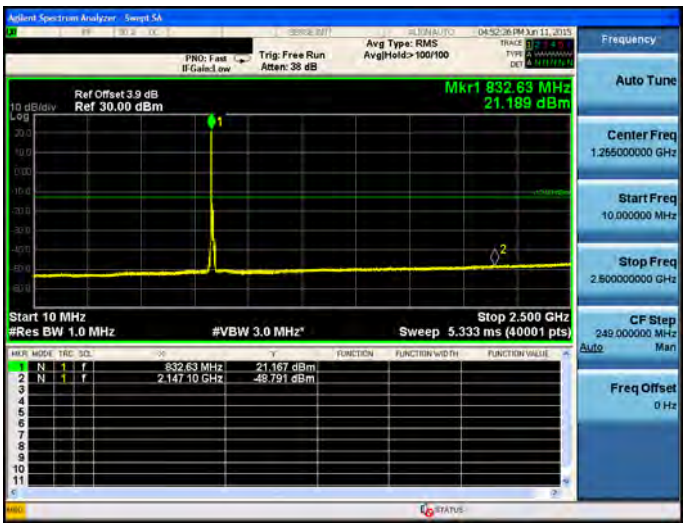
LTE Band 5 (Channel Bandwidth: 3 MHz) _ QPSK	
847.5 MHz	
	

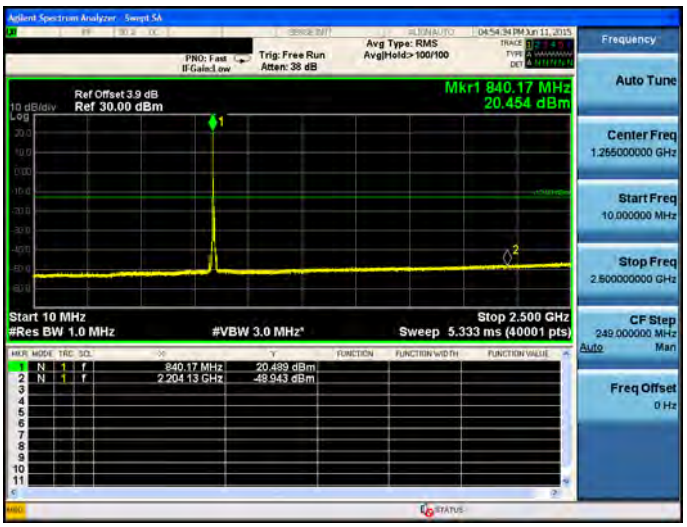
LTE Band 5 (Channel Bandwidth: 5 MHz) _ QPSK	
826.5 MHz	
	

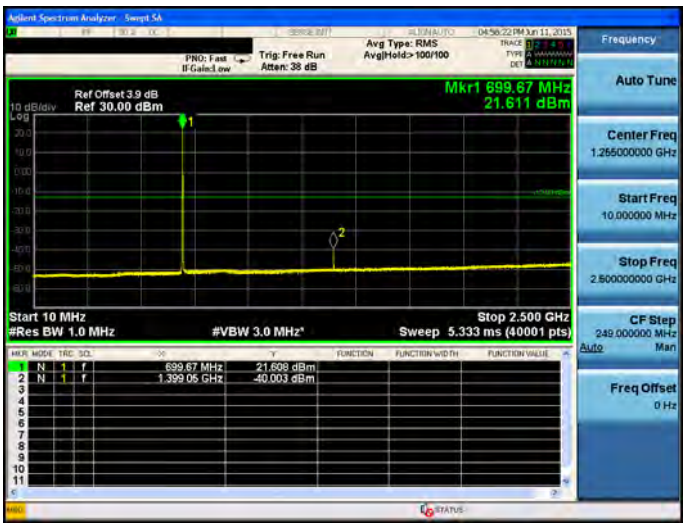
LTE Band 5 (Channel Bandwidth: 5 MHz) _ QPSK	
836.5 MHz	
	

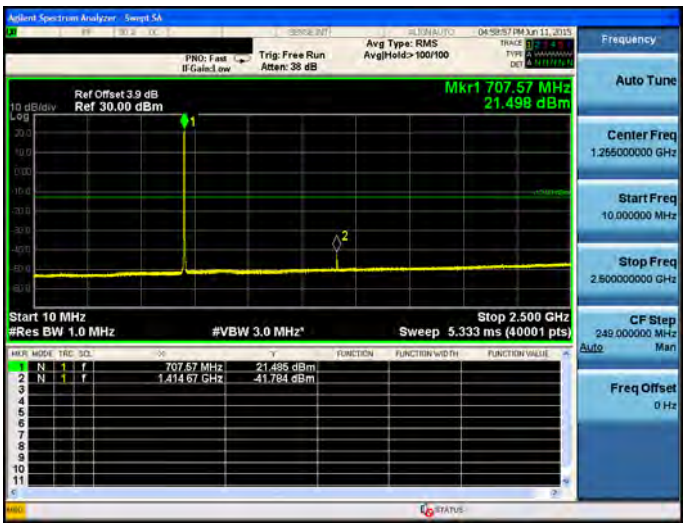
LTE Band 5 (Channel Bandwidth: 5 MHz) _ QPSK	
846.5 MHz	
	

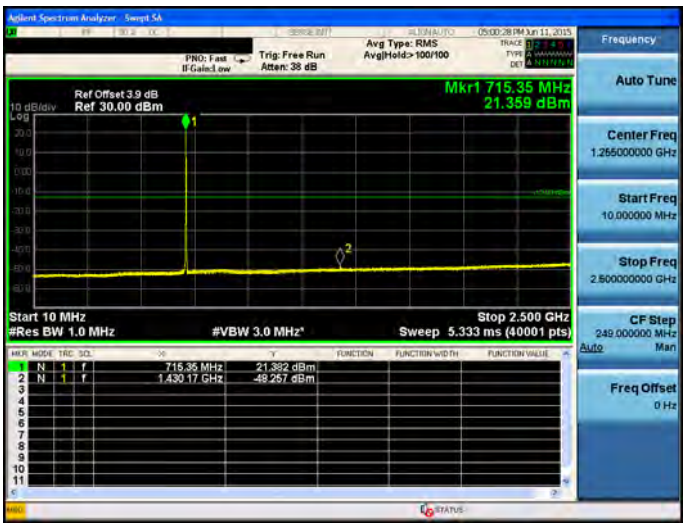
LTE Band 5 (Channel Bandwidth: 10 MHz) _ QPSK	
829.0 MHz	
	

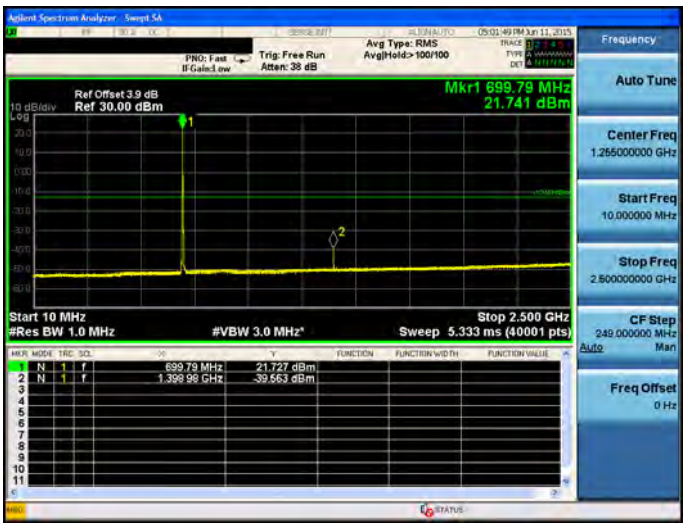
LTE Band 5 (Channel Bandwidth: 10 MHz) _ QPSK	
836.5 MHz	
	

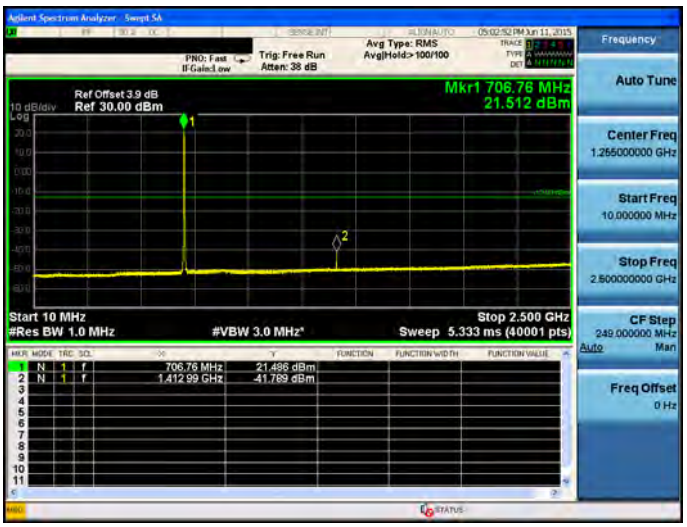
LTE Band 5 (Channel Bandwidth: 10 MHz) _ QPSK	
844.0 MHz	
	

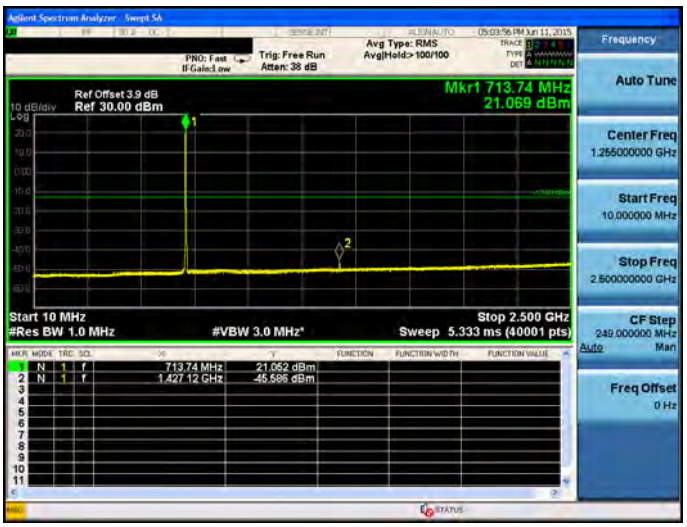
LTE Band 12 (Channel Bandwidth: 1.4 MHz) _ QPSK	
699.7 MHz	
	

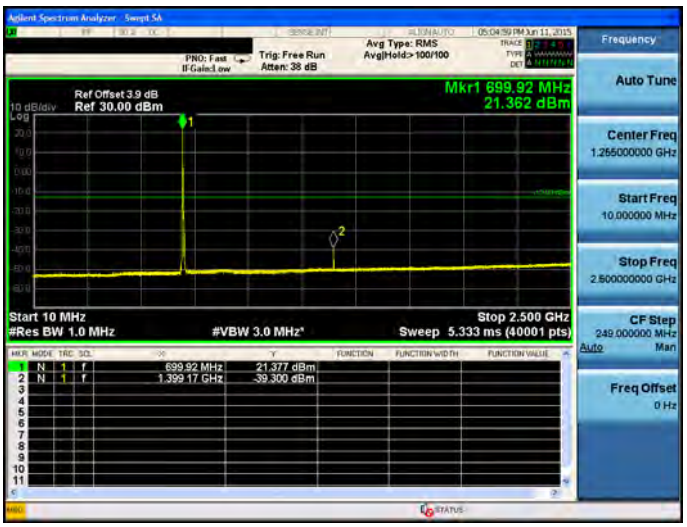
LTE Band 12 (Channel Bandwidth: 1.4 MHz) _ QPSK	
707.5 MHz	
	

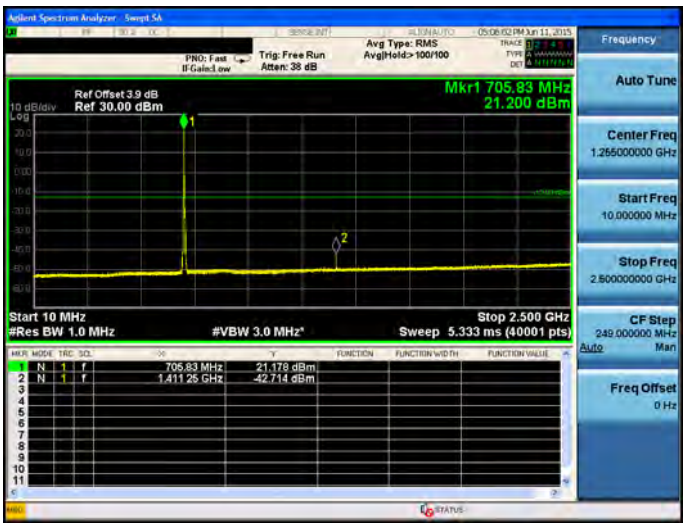
LTE Band 12 (Channel Bandwidth: 1.4 MHz) _ QPSK	
715.3 MHz	
	

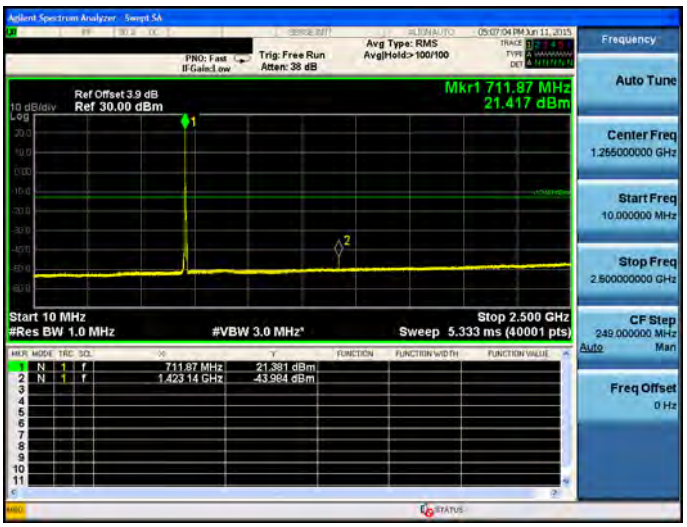
LTE Band 12 (Channel Bandwidth: 3 MHz) _ QPSK	
700.5 MHz	
	

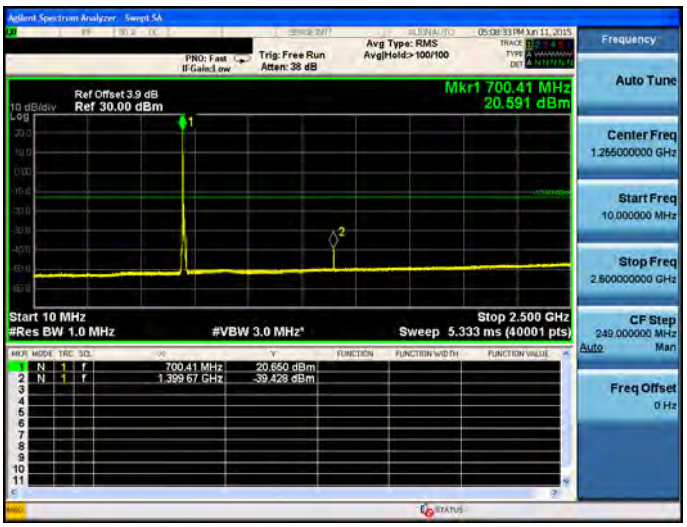
LTE Band 12 (Channel Bandwidth: 3 MHz) _ QPSK	
707.5 MHz	
	

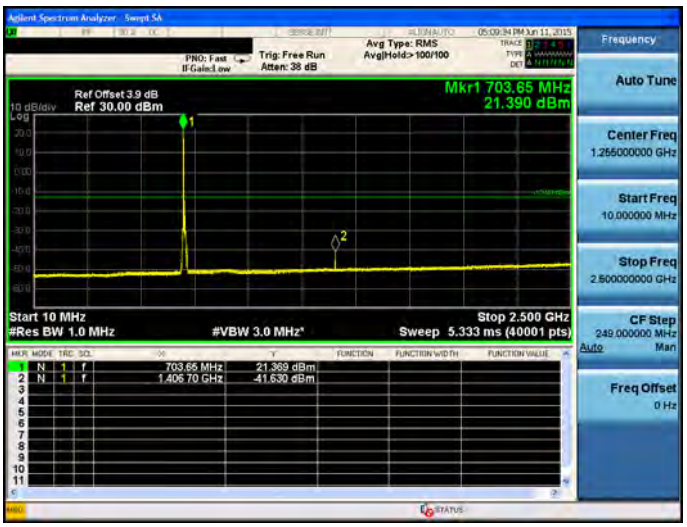
LTE Band 12 (Channel Bandwidth: 3 MHz) _ QPSK	
714.5 MHz	 

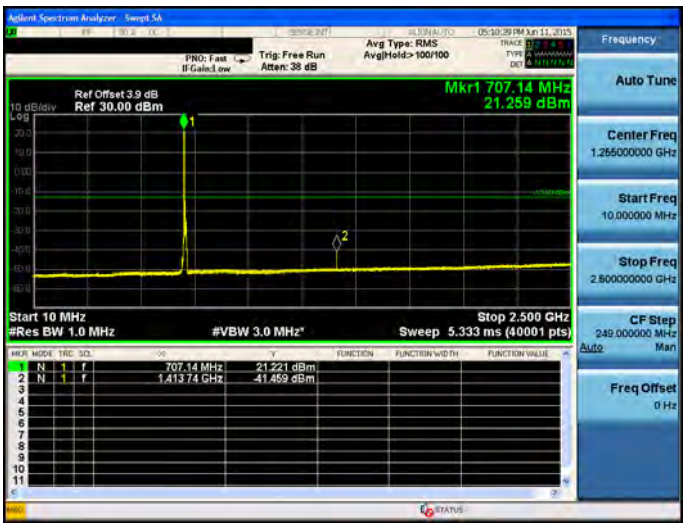
LTE Band 12 (Channel Bandwidth: 5 MHz) _ QPSK	
701.5 MHz	
	

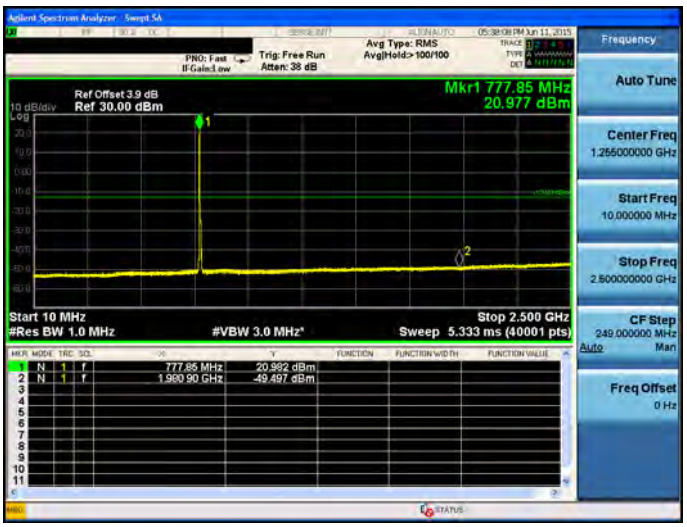
LTE Band 12 (Channel Bandwidth: 5 MHz) _ QPSK	
707.5 MHz	
	

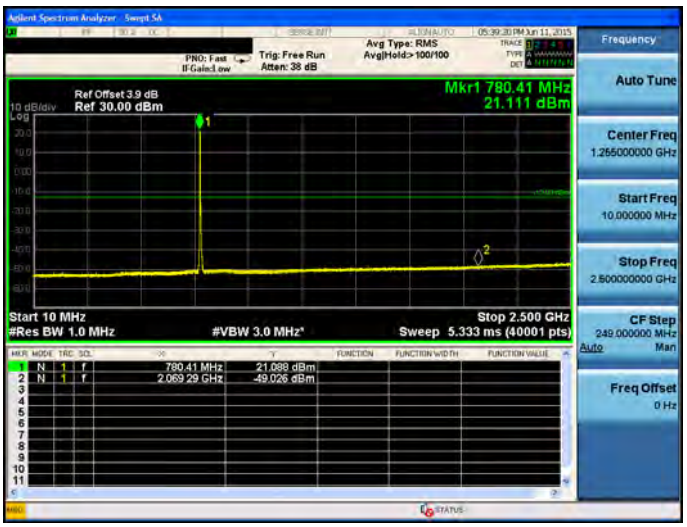
LTE Band 12 (Channel Bandwidth: 5 MHz) _ QPSK	
713.5 MHz	
	

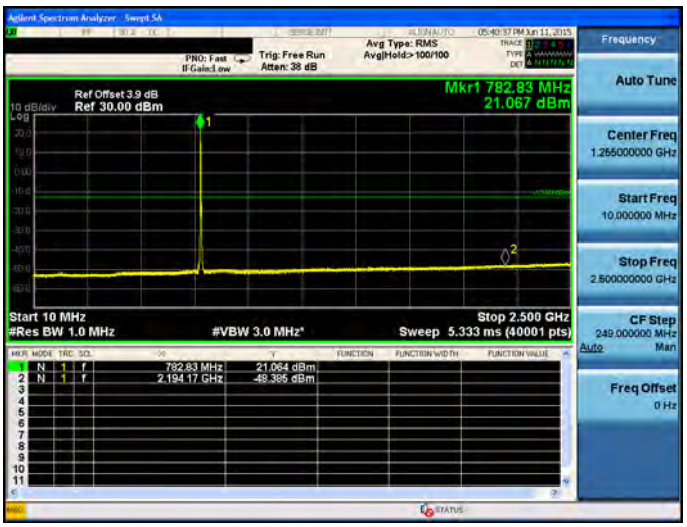
LTE Band 12 (Channel Bandwidth: 10 MHz) _ QPSK	
704.0 MHz	
	

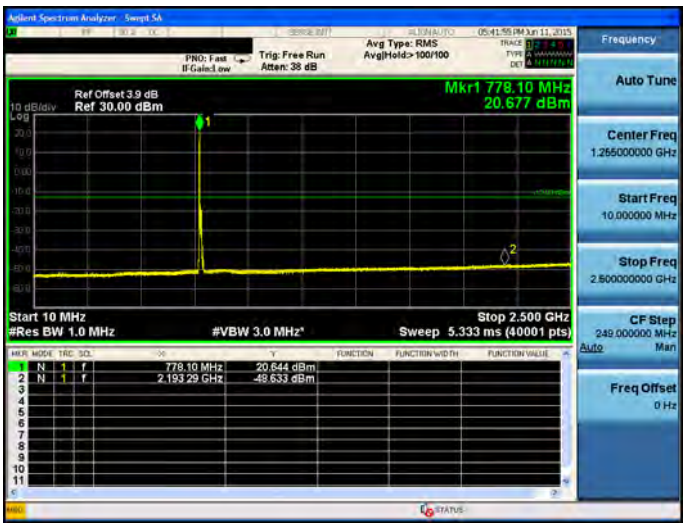
LTE Band 12 (Channel Bandwidth: 10 MHz) _ QPSK	
707.5 MHz	
	

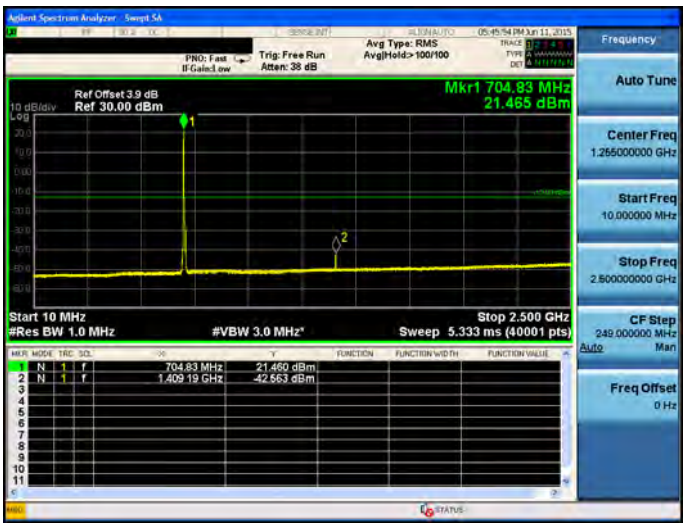
LTE Band 12 (Channel Bandwidth: 10 MHz) _ QPSK	
711.0 MHz	
	

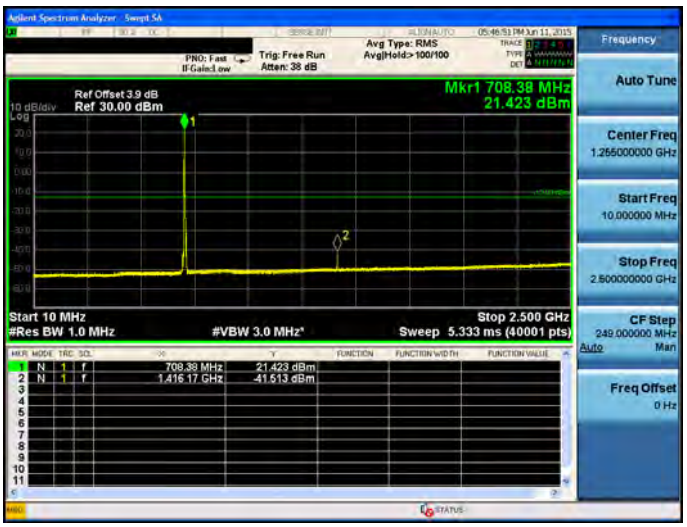
LTE Band 13 (Channel Bandwidth: 5 MHz) _ QPSK	
779.5 MHz	
	

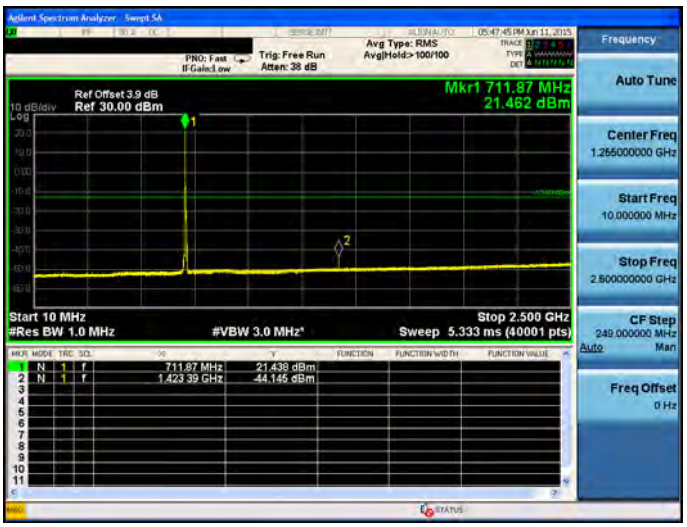
LTE Band 13 (Channel Bandwidth: 5 MHz) _ QPSK	
782.0 MHz	
	

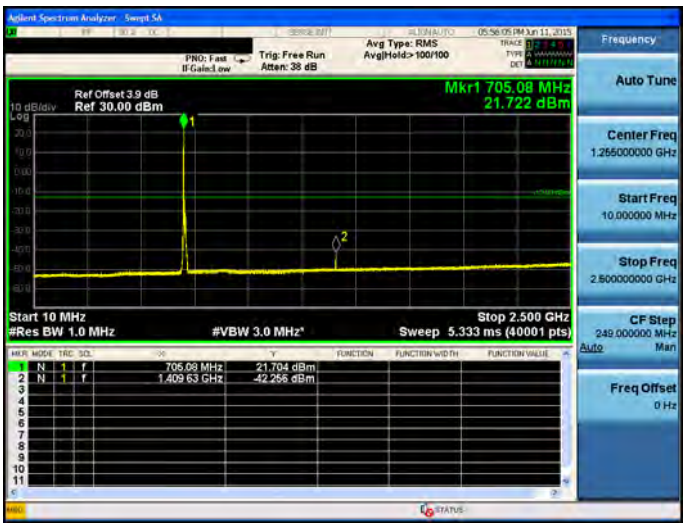
LTE Band 13 (Channel Bandwidth: 5 MHz) _ QPSK	
784.5 MHz	
	

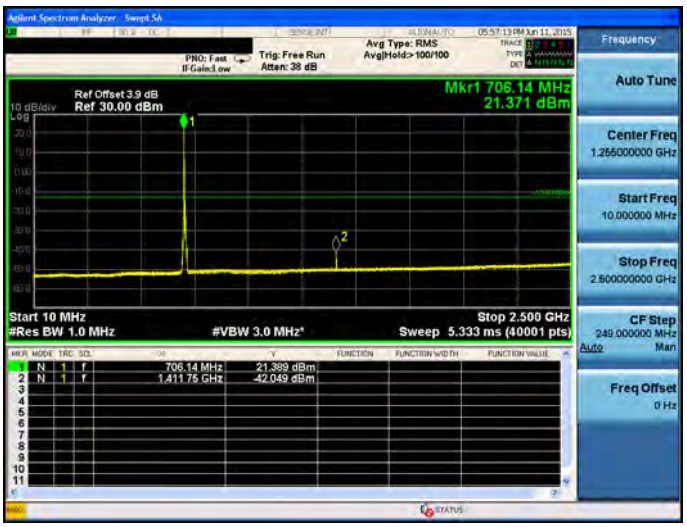
LTE Band 13 (Channel Bandwidth: 10 MHz) _ QPSK	
782.0 MHz	
	

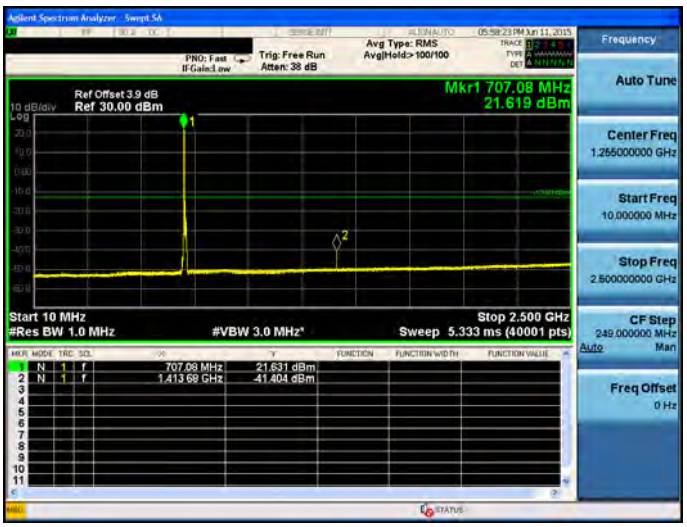
LTE Band 17 (Channel Bandwidth: 5 MHz) _ QPSK	
706.5 MHz	
	

LTE Band 17 (Channel Bandwidth: 5 MHz) _ QPSK	
710.0 MHz	 

LTE Band 17 (Channel Bandwidth: 5 MHz) _ QPSK	
713.5 MHz	
	

LTE Band 17 (Channel Bandwidth: 10 MHz) _ QPSK	
709.0 MHz	
	

LTE Band 17 (Channel Bandwidth: 10 MHz) _ QPSK	
710.0 MHz	 

LTE Band 17 (Channel Bandwidth: 10 MHz) _ QPSK	
711.0 MHz	
	

8.7. Test Result

Radiation Emission

Band	Bandwidth	CH	Frequency (MHz)	Measurement (dBm)	Antanna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Over (dB)
LTE Band2	1.4MHz	18607	2475.66	-49.49	2.14	-47.35	-13.00	-34.35
			38993.10	-36.70	2.14	-34.56	-13.00	-21.56
		18900	2170.64	-50.31	2.14	-48.17	-13.00	-35.17
			38994.40	-37.00	2.14	-34.86	-13.00	-21.86
		19193	2357.88	-49.17	2.14	-47.03	-13.00	-34.03
			38917.20	-36.61	2.14	-34.47	-13.00	-21.47
	3MHz	18615	2446.03	-49.00	2.14	-46.86	-13.00	-33.86
			38842.20	-36.57	2.14	-34.43	-13.00	-21.43
		18900	2365.79	-49.71	2.14	-47.57	-13.00	-34.57
			39073.80	-37.07	2.14	-34.93	-13.00	-21.93
		19185	2394.92	-49.26	2.14	-47.12	-13.00	-34.12
			39008.10	-36.76	2.14	-34.62	-13.00	-21.62
	5MHz	18625	2334.17	-49.50	2.14	-47.36	-13.00	-34.36
			39055.90	-37.50	2.14	-35.36	-13.00	-22.36
		18900	2351.60	-49.53	2.14	-47.39	-13.00	-34.39
			38939.70	-36.49	2.14	-34.35	-13.00	-21.35
		19175	2495.27	-49.23	2.14	-47.09	-13.00	-34.09
			38922.80	-36.45	2.14	-34.31	-13.00	-21.31
	10MHz	18650	2228.59	-50.07	2.14	-47.93	-13.00	-34.93
			38917.20	-36.76	2.14	-34.62	-13.00	-21.62
		19150	2404.07	-49.61	2.14	-47.47	-13.00	-34.47
			38923.80	-36.46	2.14	-34.32	-13.00	-21.32
		18675	2214.77	-50.11	2.14	-47.97	-13.00	-34.97
			28919.10	-36.32	2.14	-34.18	-13.00	-21.18
	15MHz	18675	2388.26	-49.88	2.14	-47.74	-13.00	-34.74
			39090.60	-36.85	2.14	-34.71	-13.00	-21.71
		18900	2343.09	-49.95	2.14	-47.81	-13.00	-34.81
			38965.00	-36.81	2.14	-34.67	-13.00	-21.67
		19125	2346.06	-49.39	2.14	-47.25	-13.00	-34.25
			38937.80	-36.20	2.14	-34.06	-13.00	-21.06
	20MHz	18700	2352.84	-49.50	2.14	-47.36	-13.00	-34.36
			38921.90	-36.53	2.14	-34.39	-13.00	-21.39
		18900	2332.73	-49.45	2.14	-47.31	-13.00	-34.31
			38971.60	-36.47	2.14	-34.33	-13.00	-21.33
		19100	2408.37	-49.77	2.14	-47.63	-13.00	-34.63
			38.908.8	-36.31	2.14	-34.17	-13.00	-21.17

Band	Bandwidth	CH	Frequency (MHz)	Measurement (dBm)	Antanna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Over (dB)
LTE Band4	1.4MHz	19957	2240.04	-49.81	2.14	-47.67	-13.00	-34.67
			38958.40	-36.35	2.14	-34.21	-13.00	-21.21
		20175	2271.98	-49.51	2.14	-47.37	-13.00	-34.37
			38924.70	-36.30	2.14	-34.16	-13.00	-21.16
		20393	2359.88	-49.64	2.14	-47.50	-13.00	-34.50
			38837.50	-36.64	2.14	-34.50	-13.00	-21.50
	3MHz	19965	2420.82	-49.18	2.14	-47.04	-13.00	-34.04
			38940.60	-36.27	2.14	-34.13	-13.00	-21.13
		20175	2392.87	-49.37	2.14	-47.23	-13.00	-34.23
			38886.30	-36.38	2.14	-34.24	-13.00	-21.24
		20385	2126.62	-50.18	2.14	-48.04	-13.00	-35.04
			38924.70	-36.01	2.14	-33.87	-13.00	-20.87
	5MHz	19975	2170.14	-50.25	2.14	-48.11	-13.00	-35.11
			38505.60	-36.74	2.14	-34.60	-13.00	-21.60
		20175	2349.42	-49.61	2.14	-47.47	-13.00	-34.47
			38565.60	-36.75	2.14	-34.61	-13.00	-21.61
		20375	2231.39	-50.65	2.14	-48.51	-13.00	-35.51
			38860.90	-36.61	2.14	-34.47	-13.00	-21.47
	10MHz	20000	2101.41	-50.43	2.14	-48.29	-13.00	-35.29
			38.941.6	-36.66	2.14	-34.52	-13.00	-21.52
		20175	2338.21	-49.33	2.14	-47.19	-13.00	-34.19
			38924.70	-36.20	2.14	-34.06	-13.00	-21.06
		20350	2372.45	-49.00	2.14	-46.86	-13.00	-33.86
			39525.60	-36.39	2.14	-34.25	-13.00	-21.25
	15MHz	20025	2123.64	-50.54	2.14	-48.40	-13.00	-35.40
			38961.30	-36.26	2.14	-34.12	-13.00	-21.12
		20175	2327.88	-49.49	2.14	-47.35	-13.00	-34.35
			39991.70	-36.76	2.14	-34.62	-13.00	-21.62
		20325	2314.18	-49.64	2.14	-47.50	-13.00	-34.50
			38573.10	-36.76	2.14	-34.62	-13.00	-21.62
	20MHz	20050	2310.51	-50.05	2.14	-47.91	-13.00	-34.91
			38950.00	-36.19	2.14	-34.05	-13.00	-21.05
		20175	2294.82	-49.82	2.14	-47.68	-13.00	-34.68
			38496.30	-37.10	2.14	-34.96	-13.00	-21.96
		20300	2356.26	-49.44	2.14	-47.30	-13.00	-34.30
			38908.80	-36.64	2.14	-34.50	-13.00	-21.50

Band	Bandwidth	CH	Frequency (MHz)	Measurement (dBm)	Antanna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Over (dB)
LTE Band5	1.4MHz	20407	2247.83	-47.92	2.14	-45.78	-13.00	-32.78
			38914.30	-34.56	2.14	-32.42	-13.00	-19.42
		20525	2121.08	-48.60	2.14	-46.46	-13.00	-33.46
			38919.10	-34.75	2.14	-32.61	-13.00	-19.61
		20643	2324.33	-48.28	2.14	-46.14	-13.00	-33.14
			38925.50	-34.19	2.14	-32.05	-13.00	-19.05
	3MHz	20415	2141.13	-48.87	2.14	-46.73	-13.00	-33.73
			38731.60	-34.32	2.14	-32.18	-13.00	-19.18
		20525	2285.49	-48.44	2.14	-46.30	-13.00	-33.30
			38910.60	-34.67	2.14	-32.53	-13.00	-19.53
		20635	2155.07	-48.70	2.14	-46.56	-13.00	-33.56
			39046.60	-34.83	2.14	-32.69	-13.00	-19.69
	5MHz	20425	2019.18	-48.85	2.14	-46.71	-13.00	-33.71
			38919.10	-34.44	2.14	-32.30	-13.00	-19.30
		20525	2056.59	-48.72	2.14	-46.58	-13.00	-33.58
			38991.30	-34.25	2.14	-32.11	-13.00	-19.11
		20625	2157.19	-48.44	2.14	-46.30	-13.00	-33.30
			38944.40	-34.98	2.14	-32.84	-13.00	-19.84
	10MHz	20450	2175.12	-48.60	2.14	-46.46	-13.00	-33.46
			38938.80	-34.54	2.14	-32.40	-13.00	-19.40
		20525	2147.10	-48.79	2.14	-46.65	-13.00	-33.65
			38986.60	-34.49	2.14	-32.35	-13.00	-19.35
		20600	2201.13	-48.94	2.14	-46.80	-13.00	-33.80
			38917.20	-34.33	2.14	-32.19	-13.00	-19.19

Band	Bandwidth	CH	Frequency (MHz)	Measurement (dBm)	Antanna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Over (dB)
LTE Band12	1.4MHz	23017	1399.05	-40.00	2.14	-37.86	-13.00	-24.86
			38817.30	-34.59	2.14	-32.45	-13.00	-19.45
		23095	1414.67	-41.78	2.14	-39.64	-13.00	-26.64
			38924.70	-34.33	2.14	-32.19	-13.00	-19.19
		23173	1430.17	-48.26	2.14	-46.12	-13.00	-33.12
			38916.30	-34.33	2.14	-32.19	-13.00	-19.19
	3MHz	23025	1398.98	-39.56	2.14	-37.42	-13.00	-24.42
			38915.30	-34.62	2.14	-32.48	-13.00	-19.48
		23095	1412.99	-41.79	2.14	-39.65	-13.00	-26.65
			38933.10	-34.38	2.14	-32.24	-13.00	-19.24
		23165	1427.12	-45.59	2.14	-43.45	-13.00	-30.45
			38964.10	-34.33	2.14	-32.19	-13.00	-19.19
	5MHz	23035	1399.17	-39.30	2.14	-37.16	-13.00	-24.16
			38868.40	-34.36	2.14	-32.22	-13.00	-19.22
		23095	1411.25	-42.71	2.14	-40.57	-13.00	-27.57
			38935.00	-34.39	2.14	-32.25	-13.00	-19.25
		23155	1423.14	-43.98	2.14	-41.84	-13.00	-28.84
			38895.60	-34.45	2.14	-32.31	-13.00	-19.31
	10MHz	23060	1399.67	-39.43	2.14	-37.29	-13.00	-24.29
			38895.60	-34.54	2.14	-32.40	-13.00	-19.40
		23095	1406.70	-41.63	2.14	-39.49	-13.00	-26.49
			38936.90	-34.54	2.14	-32.40	-13.00	-19.40
		23130	1413.74	-41.46	2.14	-39.32	-13.00	-26.32
			38883.40	-34.51	2.14	-32.37	-13.00	-19.37

Band	Bandwidth	CH	Frequency (MHz)	Measurement (dBm)	Antanna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Over (dB)
LTE Band13	5MHz	23205	1980.90	-49.50	2.14	-47.36	-13.00	-34.36
			38910.60	-34.47	2.14	-32.33	-13.00	-19.33
		23230	2069.29	-49.03	2.14	-46.89	-13.00	-33.89
			38952.80	-34.49	2.14	-32.35	-13.00	-19.35
		23255	2194.17	-48.39	2.14	-46.25	-13.00	-33.25
			38918.10	-34.52	2.14	-32.38	-13.00	-19.38
	10MHz	23230	2193.29	-48.63	2.14	-46.49	-13.00	-33.49
			38921.90	-34.23	2.14	-32.09	-13.00	-19.09

Band	Bandwidth	CH	Frequency (MHz)	Measurement (dBm)	Antanna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Over (dB)
LTE Band17	5MHz	23755	1409.19	-42.56	2.14	-40.42	-13.00	-27.42
			38917.20	-34.35	2.14	-32.21	-13.00	-19.21
		23790	1416.17	-41.51	2.14	-39.37	-13.00	-26.37
			38905.90	-34.39	2.14	-32.25	-13.00	-19.25
		23825	1423.39	-44.15	2.14	-42.01	-13.00	-29.01
			38933.10	-34.40	2.14	-32.26	-13.00	-19.26
	10MHz	23780	1409.63	-42.26	2.14	-40.12	-13.00	-27.12
			38966.90	-34.53	2.14	-32.39	-13.00	-19.39
		23790	1411.75	-42.05	2.14	-39.91	-13.00	-26.91
			38855.30	-34.65	2.14	-32.51	-13.00	-19.51
		23800	1413.68	-41.40	2.14	-39.26	-13.00	-26.26
			38909.70	-34.48	2.14	-32.34	-13.00	-19.34

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

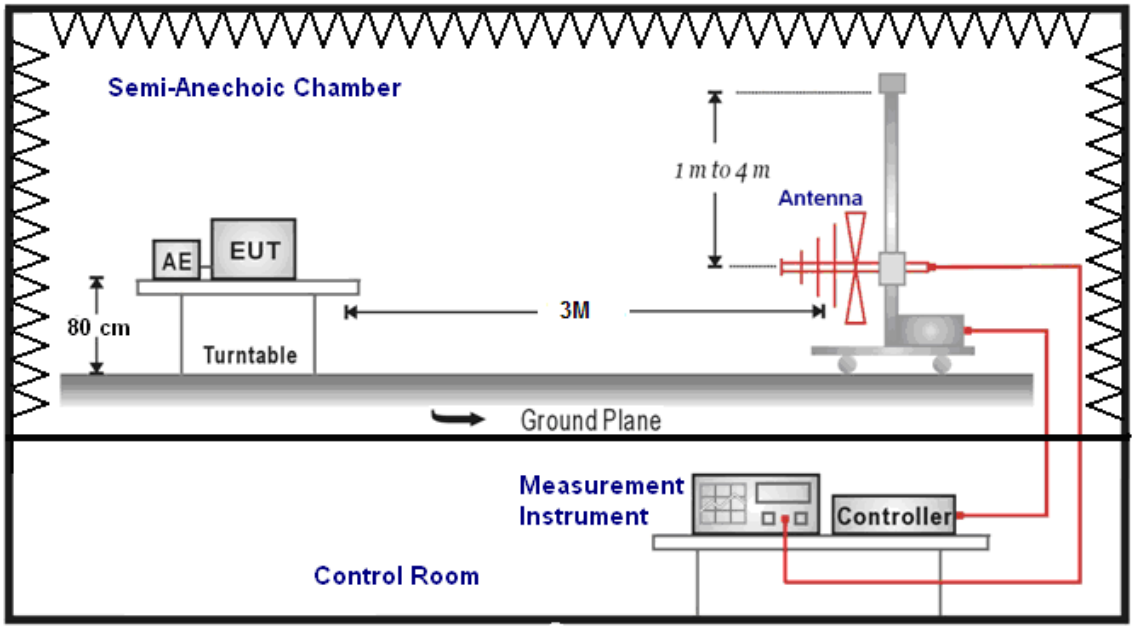
9.2. Test Instruments

3 Meter Chamber					
Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Remark
RF Pre-selector	Agilent	N9039A	MY46520256	01/06/2015	(1)
Spectrum Analyzer	Agilent	E4446A	MY46180578	01/06/2015	(1)
Pre Amplifier	Agilent	8449B	3008A02237	02/24/2015	(1)
Pre Amplifier	Agilent	8447D	2944A10961	02/24/2015	(1)
Broadband Antenna (30MHz~1GHz)	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	9163-270	07/22/2014	(1)
Horn Antenna (1~18GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	06/12/2015	(1)
Horn Antenna (18~40GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	07/02/2014	(1)
Test Site	ATL	TE01	888001	08/28/2014	(1)

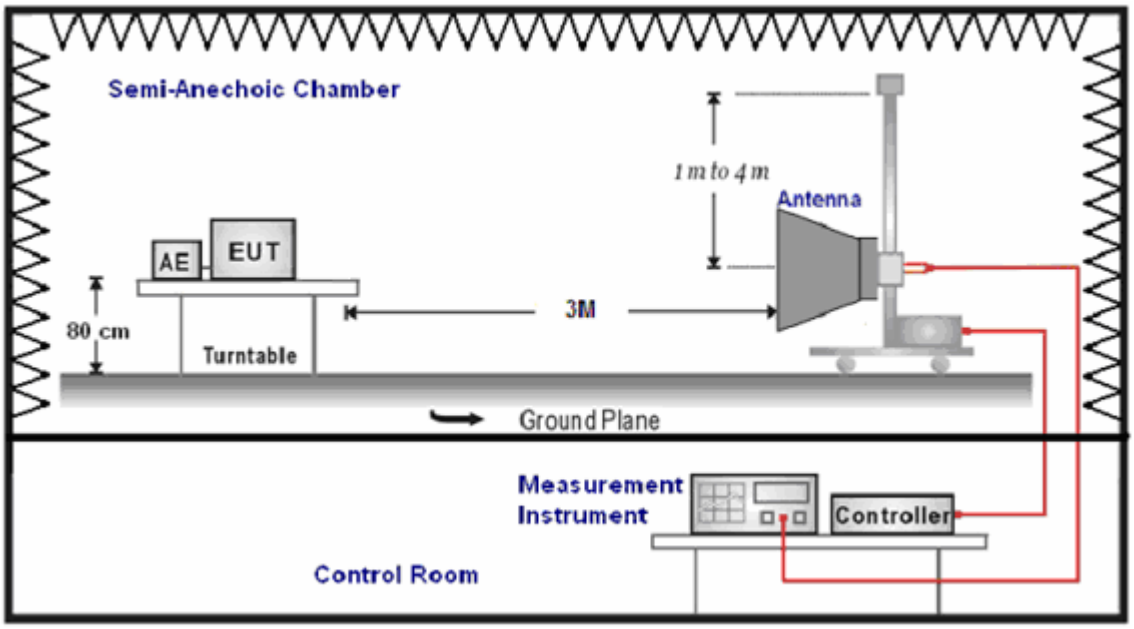
Remark: (1) Calibration period 1 year. (2) Calibration period 2 years.
Note: N.C.R. = No Calibration Request.

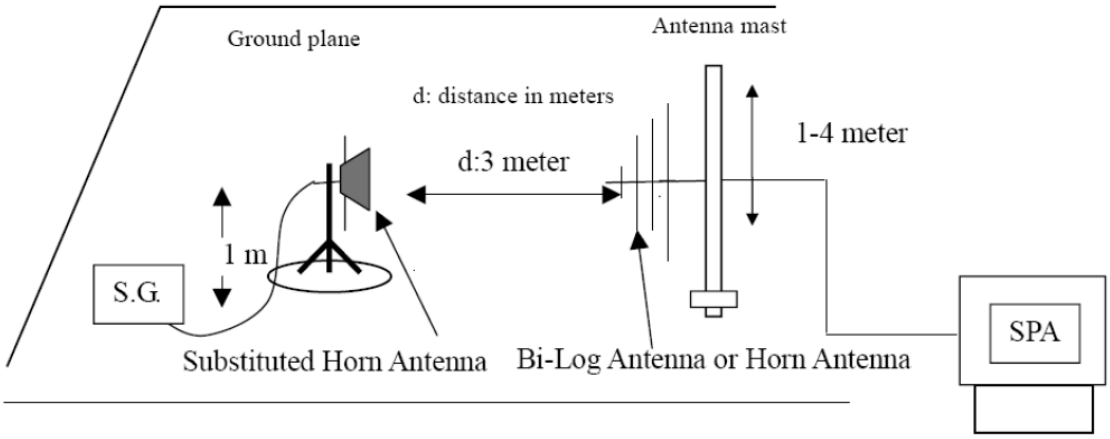
9.3. Setup

Below 1GHz



Above 1GHz


Semi-Anechoic Chamber
1 m to 4 m
Antenna
AE
EUT
80 cm
Turntable
3M
Ground Plane
Measurement
Instrument
Controller
Control Room


Ground plane
Antenna mast
d: distance in meters
d:3 meter
1-4 meter
1 m
S.G.
SPA
Substituted Horn Antenna
Bi-Log Antenna or Horn Antenna

9.4. Test Procedure

a. The EUT was set up for the maximum power with LTE link data modulation. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high operational frequency range). RWB and VBW is 1MHz for LTE and WCDMA mode.

b. Radiation Emission measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.

c. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value” of step a. Record the power level of S.G.

d. E.I.R.P. = Output power level of S.G - TX cable loss + Antenna gain of substitution horn

e. E.R.P. = E.I.R.P- 2.15 dB

9.5. Uncertainty

The measurement uncertainty is defined as for Field Strength of Spurious Radiation measurement is ± 3.072 dB.

9.6. Test Result

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
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	3700.000	-72.86	16.81	-56.05	-13.00	-43.05	peak	H
1	4336.000	-74.03	18.36	-55.67	-13.00	-42.67	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
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	3988.000	-74.06	17.11	-56.95	-13.00	-43.95	peak	H
1	4048.000	-72.07	17.31	-54.76	-13.00	-41.76	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
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	3760.000	-72.25	16.89	-55.36	-13.00	-42.36	peak	H
1	3652.000	-72.69	16.77	-55.92	-13.00	-42.92	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
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	3868.000	-73.03	16.98	-56.05	-13.00	-43.05	peak	H
1	4048.000	-74.87	17.31	-57.56	-13.00	-44.56	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
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	4480.000	-74.64	18.88	-55.76	-13.00	-42.76	peak	H
1	3772.000	-73.64	16.90	-56.74	-13.00	-43.74	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
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	4192.000	-72.86	17.83	-55.03	-13.00	-42.03	peak	H
1	4096.000	-71.46	17.48	-53.98	-13.00	-40.98	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
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	4348.000	-74.54	18.40	-56.14	-13.00	-43.14	peak	H
1	3532.000	-72.34	16.63	-55.71	-13.00	-42.71	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
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	4036.000	-72.91	17.26	-55.65	-13.00	-42.65	peak	H
1	4000.000	-72.99	17.13	-55.86	-13.00	-42.86	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
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	4300.000	-73.57	18.23	-55.34	-13.00	-42.34	peak	H
1	3904.000	-73.43	17.03	-56.40	-13.00	-43.40	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
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	4132.000	-73.79	17.61	-56.18	-13.00	-43.18	peak	H
1	4012.000	-72.81	17.18	-55.63	-13.00	-42.63	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
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	4084.000	-73.07	17.43	-55.64	-13.00	-42.64	peak	H
1	3856.000	-73.26	16.98	-56.28	-13.00	-43.28	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
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	3928.000	-70.66	17.06	-53.60	-13.00	-40.60	peak	H
1	3916.000	-73.82	17.04	-56.78	-13.00	-43.78	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
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	3988.000	-73.36	17.11	-56.25	-13.00	-43.25	peak	H
1	4096.000	-73.18	17.48	-55.70	-13.00	-42.70	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
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	4036.000	-73.72	17.26	-56.46	-13.00	-43.46	peak	H
1	3664.000	-72.72	16.77	-55.95	-13.00	-42.95	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
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	4012.000	-72.85	17.18	-55.67	-13.00	-42.67	peak	H
1	3868.000	-72.79	16.98	-55.81	-13.00	-42.81	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
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	4864.000	-73.65	20.08	-53.57	-13.00	-40.57	peak	H
1	4996.000	-74.06	20.48	-53.58	-13.00	-40.58	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
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	4876.000	-74.88	20.11	-54.77	-13.00	-41.77	peak	H
1	4000.000	-73.68	17.13	-56.55	-13.00	-43.55	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
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	3916.000	-72.86	17.04	-55.82	-13.00	-42.82	peak	H
1	5056.000	-74.92	20.57	-54.35	-13.00	-41.35	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
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	4084.000	-73.66	17.43	-56.23	-13.00	-43.23	peak	H
1	8752.000	-73.40	26.38	-47.02	-13.00	-34.02	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
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	7636.000	-74.50	26.35	-48.15	-13.00	-35.15	peak	H
1	4204.000	-71.58	17.88	-53.70	-13.00	-40.70	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
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	3136.000	-70.60	14.79	-55.81	-13.00	-42.81	peak	H
1	2956.000	-71.54	13.97	-57.57	-13.00	-44.57	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
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	4036.000	-71.51	17.26	-54.25	-13.00	-41.25	peak	H
1	4036.000	-73.83	17.26	-56.57	-13.00	-43.57	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
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	3916.000	-74.40	17.04	-57.36	-13.00	-44.36	peak	H
1	5152.000	-74.80	20.71	-54.09	-13.00	-41.09	peak	V

Standard:	FCC Part 24	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 2	Date:	06/17/2015
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
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	4108.000	-71.93	17.52	-54.41	-13.00	-41.41	peak	H
1	4516.000	-75.33	19.01	-56.32	-13.00	-43.32	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
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	3988.000	-74.14	17.11	-57.03	-13.00	-44.03	peak	H
1	4912.000	-74.83	20.22	-54.61	-13.00	-41.61	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
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	4180.000	-73.65	17.78	-55.87	-13.00	-42.87	peak	H
1	4132.000	-73.58	17.61	-55.97	-13.00	-42.97	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
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	4204.000	-73.72	17.88	-55.84	-13.00	-42.84	peak	H
1	4960.000	-75.29	20.37	-54.92	-13.00	-41.92	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
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	4060.000	-73.50	17.35	-56.15	-13.00	-43.15	peak	H
1	4096.000	-73.91	17.48	-56.43	-13.00	-43.43	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
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	4900.000	-73.54	20.19	-53.35	-13.00	-40.35	peak	H
1	4108.000	-73.67	17.52	-56.15	-13.00	-43.15	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
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	4276.000	-73.92	18.14	-55.78	-13.00	-42.78	peak	H
1	5104.000	-74.91	20.66	-54.25	-13.00	-41.25	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
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	4324.000	-74.85	18.33	-56.52	-13.00	-43.52	peak	H
1	4228.000	-74.69	17.95	-56.74	-13.00	-43.74	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
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	4132.000	-73.03	17.61	-55.42	-13.00	-42.42	peak	H
1	3724.000	-72.90	16.84	-56.06	-13.00	-43.06	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
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	4132.000	-74.42	17.61	-56.81	-13.00	-43.81	peak	H
1	4876.000	-74.91	20.11	-54.80	-13.00	-41.80	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
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	5008.000	-75.76	20.49	-55.27	-13.00	-42.27	peak	H
1	5056.000	-75.95	20.57	-55.38	-13.00	-42.38	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
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	4816.000	-75.42	19.93	-55.49	-13.00	-42.49	peak	H
1	4288.000	-73.13	18.19	-54.94	-13.00	-41.94	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
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	4096.000	-72.91	17.48	-55.43	-13.00	-42.43	peak	H
1	5008.000	-74.78	20.49	-54.29	-13.00	-41.29	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
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	4204.000	-72.77	17.88	-54.89	-13.00	-41.89	peak	H
1	4192.000	-72.81	17.83	-54.98	-13.00	-41.98	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
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	3952.000	-74.25	17.08	-57.17	-13.00	-44.17	peak	H
1	4960.000	-75.14	20.37	-54.77	-13.00	-41.77	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
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	4516.000	-75.87	19.01	-56.86	-13.00	-43.86	peak	H
1	5248.000	-76.02	20.85	-55.17	-13.00	-42.17	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
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	3520.000	-71.93	16.62	-55.31	-13.00	-42.31	peak	H
1	4900.000	-74.58	20.19	-54.39	-13.00	-41.39	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
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	3172.000	-70.12	14.96	-55.16	-13.00	-42.16	peak	H
1	4180.000	-74.44	17.78	-56.66	-13.00	-43.66	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
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	4012.000	-72.67	17.18	-55.49	-13.00	-42.49	peak	H
1	5476.000	-75.66	21.20	-54.46	-13.00	-41.46	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
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	5164.000	-75.28	20.74	-54.54	-13.00	-41.54	peak	H
1	3076.000	-71.05	14.50	-56.55	-13.00	-43.55	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
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	4300.000	-74.04	18.23	-55.81	-13.00	-42.81	peak	H
1	5296.000	-76.67	20.93	-55.74	-13.00	-42.74	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
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	4156.000	-74.31	17.70	-56.61	-13.00	-43.61	peak	H
1	4012.000	-73.27	17.18	-56.09	-13.00	-43.09	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
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	4096.000	-73.00	17.48	-55.52	-13.00	-42.52	peak	H
1	4780.000	-73.34	19.82	-53.52	-13.00	-40.52	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	15 MHz	Test By:	Eric Ou Yang
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	5140.000	-75.77	20.70	-55.07	-13.00	-42.07	peak	H
1	4108.000	-72.65	17.52	-55.13	-13.00	-42.13	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 4	Date:	06/17/2015
Channel Bandwidth:	20 MHz	Test By:	Eric Ou Yang
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	4372.000	-75.38	18.50	-56.88	-13.00	-43.88	peak	H
1	3940.000	-74.39	17.06	-57.33	-13.00	-44.33	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
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	3772.000	-72.78	16.90	-55.88	-13.00	-42.88	peak	H
1	2716.000	-71.29	13.25	-58.04	-13.00	-45.04	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
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	3988.000	-73.22	17.11	-56.11	-13.00	-43.11	peak	H
1	2836.000	-69.84	13.62	-56.22	-13.00	-43.22	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
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	4012.000	-73.02	17.18	-55.84	-13.00	-42.84	peak	H
1	4912.000	-74.23	20.22	-54.01	-13.00	-41.01	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
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	4240.000	-75.29	18.00	-57.29	-13.00	-44.29	peak	H
1	3952.000	-74.40	17.08	-57.32	-13.00	-44.32	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
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	4084.000	-74.13	17.43	-56.70	-13.00	-43.70	peak	H
1	4012.000	-73.69	17.18	-56.51	-13.00	-43.51	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
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	4864.000	-74.52	20.08	-54.44	-13.00	-41.44	peak	H
1	4924.000	-75.24	20.26	-54.98	-13.00	-41.98	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
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	3748.000	-72.70	16.87	-55.83	-13.00	-42.83	peak	H
1	4180.000	-72.92	17.78	-55.14	-13.00	-42.14	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
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	4012.000	-73.81	17.18	-56.63	-13.00	-43.63	peak	H
1	5200.000	-75.20	20.79	-54.41	-13.00	-41.41	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
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	4996.000	-75.73	20.48	-55.25	-13.00	-42.25	peak	H
1	4924.000	-75.36	20.26	-55.10	-13.00	-42.10	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
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	3952.000	-74.26	17.08	-57.18	-13.00	-44.18	peak	H
1	3388.000	-72.37	16.04	-56.33	-13.00	-43.33	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
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	3856.000	-71.71	16.98	-54.73	-13.00	-41.73	peak	H
1	4384.000	-74.09	18.53	-55.56	-13.00	-42.56	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
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	3040.000	-71.87	14.31	-57.56	-13.00	-44.56	peak	H
1	4240.000	-74.68	18.00	-56.68	-13.00	-43.68	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
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	4036.000	-73.78	17.26	-56.52	-13.00	-43.52	peak	H
1	4480.000	-73.99	18.88	-55.11	-13.00	-42.11	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
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	3940.000	-74.44	17.06	-57.38	-13.00	-44.38	peak	H
1	4372.000	-73.42	18.50	-54.92	-13.00	-41.92	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
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	4816.000	-75.16	19.93	-55.23	-13.00	-42.23	peak	H
1	4492.000	-73.17	18.93	-54.24	-13.00	-41.24	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 5	Date:	06/17/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
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	4096.000	-71.83	17.48	-54.35	-13.00	-41.35	peak	H
1	3964.000	-73.28	17.08	-56.20	-13.00	-43.20	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	699.7 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4252.000	-74.27	21.41	-52.86	-13.00	-39.86	peak	H
1	3280.000	-71.18	19.52	-51.66	-13.00	-38.66	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4144.000	-72.47	21.06	-51.41	-13.00	-38.41	peak	H
1	4348.000	-74.35	21.69	-52.66	-13.00	-39.66	peak	V

Standard:	FCC Part 22	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	715.3 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4372.000	-73.28	21.77	-51.51	-13.00	-38.51	peak	H
1	4168.000	-71.74	21.15	-50.59	-13.00	-37.59	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	700.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4048.000	-70.31	20.78	-49.53	-13.00	-36.53	peak	H
1	4156.000	-71.68	21.11	-50.57	-13.00	-37.57	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4144.000	-71.39	21.06	-50.33	-13.00	-37.33	peak	H
1	4864.000	-73.62	22.77	-50.85	-13.00	-37.85	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	714.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4204.000	-72.57	21.26	-51.31	-13.00	-38.31	peak	H
1	3880.000	-71.69	20.57	-51.12	-13.00	-38.12	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	701.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4000.000	-72.44	20.63	-51.81	-13.00	-38.81	peak	H
1	3868.000	-71.69	20.56	-51.13	-13.00	-38.13	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4252.000	-73.05	21.41	-51.64	-13.00	-38.64	peak	H
1	3868.000	-72.45	20.56	-51.89	-13.00	-38.89	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	713.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	3388.000	-68.88	19.95	-48.93	-13.00	-35.93	peak	H
1	3952.000	-70.72	20.61	-50.11	-13.00	-37.11	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	704.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	3052.000	-69.57	18.61	-50.96	-13.00	-37.96	peak	H
1	3640.000	-71.86	20.47	-51.39	-13.00	-38.39	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4096.000	-72.97	20.92	-52.05	-13.00	-39.05	peak	H
1	4072.000	-72.73	20.84	-51.89	-13.00	-38.89	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	711.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4576.000	-73.17	22.28	-50.89	-13.00	-37.89	peak	H
1	3844.000	-70.89	20.56	-50.33	-13.00	-37.33	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	1.4 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4060.000	-72.22	20.81	-51.41	-13.00	-38.41	peak	H
1	3820.000	-72.28	20.55	-51.73	-13.00	-38.73	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	3 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	3880.000	-72.66	20.57	-52.09	-13.00	-39.09	peak	H
1	3088.000	-69.60	18.77	-50.83	-13.00	-37.83	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	3136.000	-70.45	18.96	-51.49	-13.00	-38.49	peak	H
1	3700.000	-71.34	20.49	-50.85	-13.00	-37.85	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 12	Date:	06/18/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	707.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4144.000	-71.95	21.06	-50.89	-13.00	-37.89	peak	H
1	4180.000	-71.38	21.18	-50.20	-13.00	-37.20	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 13	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	779.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	3376.000	-70.29	19.91	-50.38	-13.00	-37.38	peak	H
1	4864.000	-72.67	22.77	-49.90	-13.00	-36.90	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 13	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	782.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4156.000	-71.18	21.11	-50.07	-13.00	-37.07	peak	H
1	4060.000	-71.20	20.81	-50.39	-13.00	-37.39	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 13	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	784.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	3172.000	-68.53	19.09	-49.44	-13.00	-36.44	peak	H
1	4300.000	-72.55	21.55	-51.00	-13.00	-38.00	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 13	Date:	06/18/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	782.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	3904.000	-71.74	20.59	-51.15	-13.00	-38.15	peak	H
1	3568.000	-71.08	20.43	-50.65	-13.00	-37.65	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 13	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	782.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4732.000	-72.97	22.55	-50.42	-13.00	-37.42	peak	H
1	5872.000	-73.11	24.36	-48.75	-13.00	-35.75	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 13	Date:	06/18/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	782.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	3892.000	-71.57	20.58	-50.99	-13.00	-37.99	peak	H
1	4792.000	-72.44	22.65	-49.79	-13.00	-36.79	peak	V

Standard:	FCC Part 27.53_1559-1610MHz	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 13	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	779.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	1579.757	-67.36	11.81	-55.55	-40.00	-15.55	peak	H
1	1578.686	-66.56	11.80	-54.76	-40.00	-14.76	peak	V

Standard:	FCC Part 27.53_1559-1610MHz	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 13	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	782.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	1582.715	-67.58	11.87	-55.71	-40.00	-15.71	peak	H
1	1567.262	-67.12	11.67	-55.45	-40.00	-15.45	peak	V

Standard:	FCC Part 27.53_1559-1610MHz	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 13	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	784.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	1568.537	-66.57	11.69	-54.88	-40.00	-14.88	peak	H
1	1589.447	-67.60	11.93	-55.67	-40.00	-15.67	peak	V

Standard:	FCC Part 27.53_1559-1610MHz	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 13	Date:	06/18/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	782.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	1577.513	-67.84	11.79	-56.05	-40.00	-16.05	peak	H
1	1573.229	-67.17	11.74	-55.43	-40.00	-15.43	peak	V

Standard:	FCC Part 27.53_1559-1610MHz	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 13	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	782.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	1568.945	-67.39	11.70	-55.69	-40.00	-15.69	peak	H
1	1580.267	-67.52	11.83	-55.69	-40.00	-15.69	peak	V

Standard:	FCC Part 27.53_1559-1610MHz	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 13	Date:	06/18/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	782.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	1591.691	-67.48	11.96	-55.52	-40.00	-15.52	peak	H
1	1580.981	-67.66	11.83	-55.83	-40.00	-15.83	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 17	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	706.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	5632.000	-73.88	23.95	-49.93	-13.00	-36.93	peak	H
1	4000.000	-70.94	20.63	-50.31	-13.00	-37.31	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 17	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	710.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	3832.000	-71.46	20.56	-50.90	-13.00	-37.90	peak	H
1	4276.000	-71.02	21.48	-49.54	-13.00	-36.54	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 17	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	713.5 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4864.000	-72.95	22.77	-50.18	-13.00	-37.18	peak	H
1	4216.000	-71.56	21.29	-50.27	-13.00	-37.27	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 17	Date:	06/18/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	709.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	4048.000	-71.67	20.78	-50.89	-13.00	-37.89	peak	H
1	5020.000	-73.46	23.02	-50.44	-13.00	-37.44	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 17	Date:	06/18/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	710.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	5248.000	-73.84	23.35	-50.49	-13.00	-37.49	peak	H
1	3340.000	-69.21	19.77	-49.44	-13.00	-36.44	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 17	Date:	06/18/2015
Channel Bandwidth:	10 MHz	Test By:	Eric Ou Yang
Modulation Technology:	QPSK		
Frequency:	711.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	3784.000	-71.97	20.54	-51.43	-13.00	-38.43	peak	H
1	4372.000	-70.92	21.77	-49.15	-13.00	-36.15	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 17	Date:	06/18/2015
Channel Bandwidth:	5 MHz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	710.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	3892.000	-71.26	20.58	-50.68	-13.00	-37.68	peak	H
1	4000.000	-71.11	20.63	-50.48	-13.00	-37.48	peak	V

Standard:	FCC Part 27	Test Distance:	3m
Test item:	Radiated Emission	Power:	DC 3.8V
Model Number:	LE910-NA V2	Temp.(℃)/Hum.(%RH):	26(℃)/60%RH
Band:	LTE Band 17	Date:	06/18/2015
Channel Bandwidth:	10 Hz	Test By:	Eric Ou Yang
Modulation Technology:	16QAM		
Frequency:	710.0 MHz		

No.	Frequency (MHz)	Reading (dBm)	Correct Factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	Ant.Polar. H / V
1	5836.000	-73.50	24.30	-49.20	-13.00	-36.20	peak	H
1	4432.000	-73.26	21.95	-51.31	-13.00	-38.31	peak	V