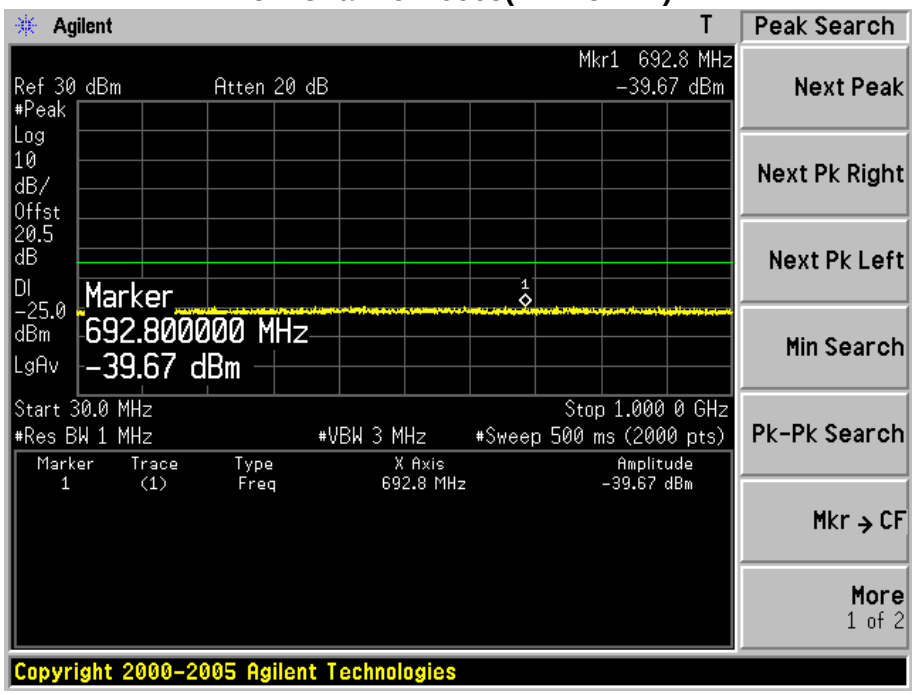
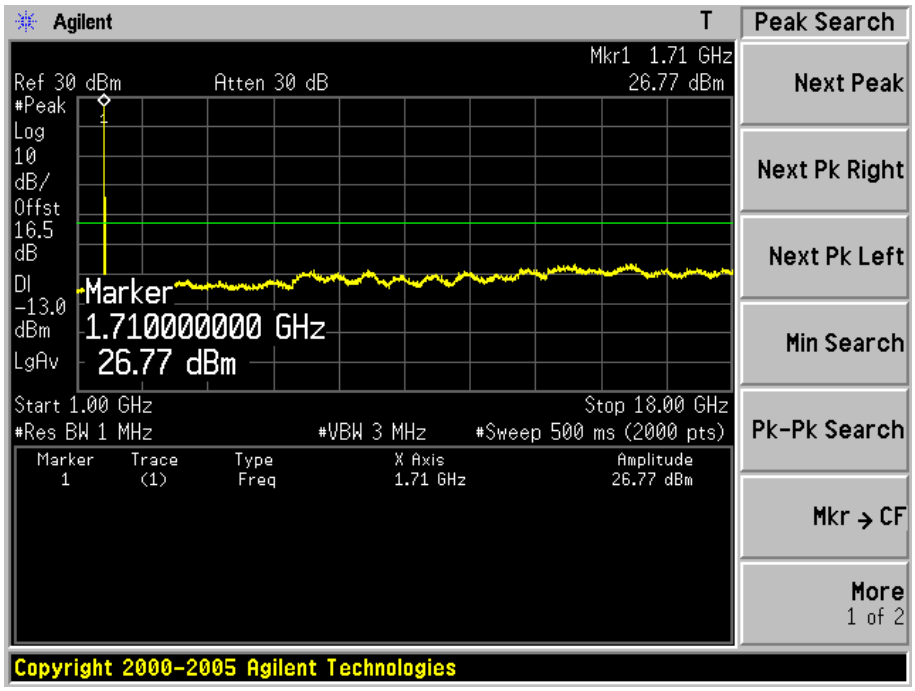
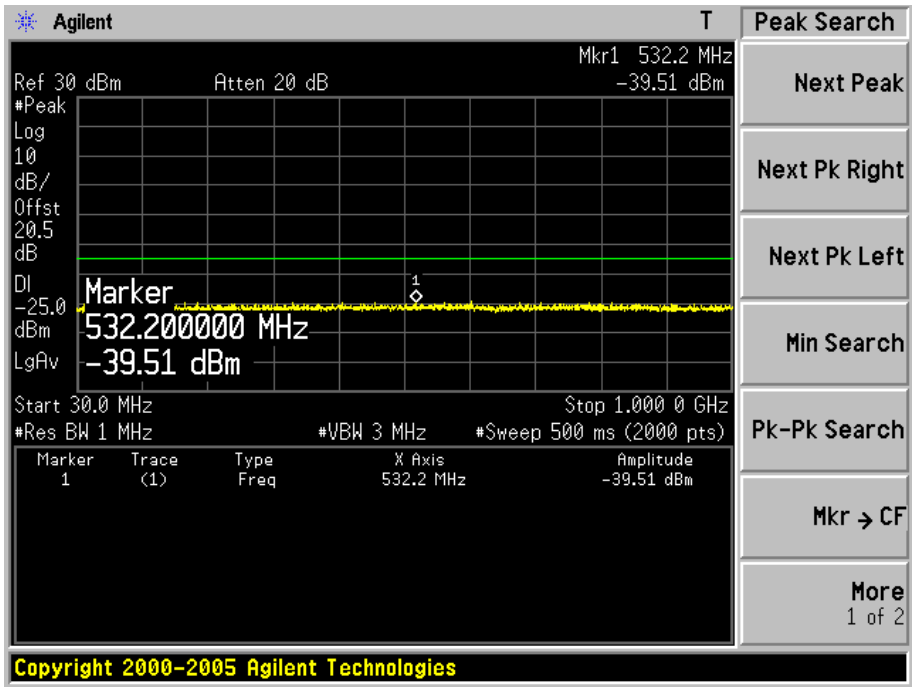
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (3M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

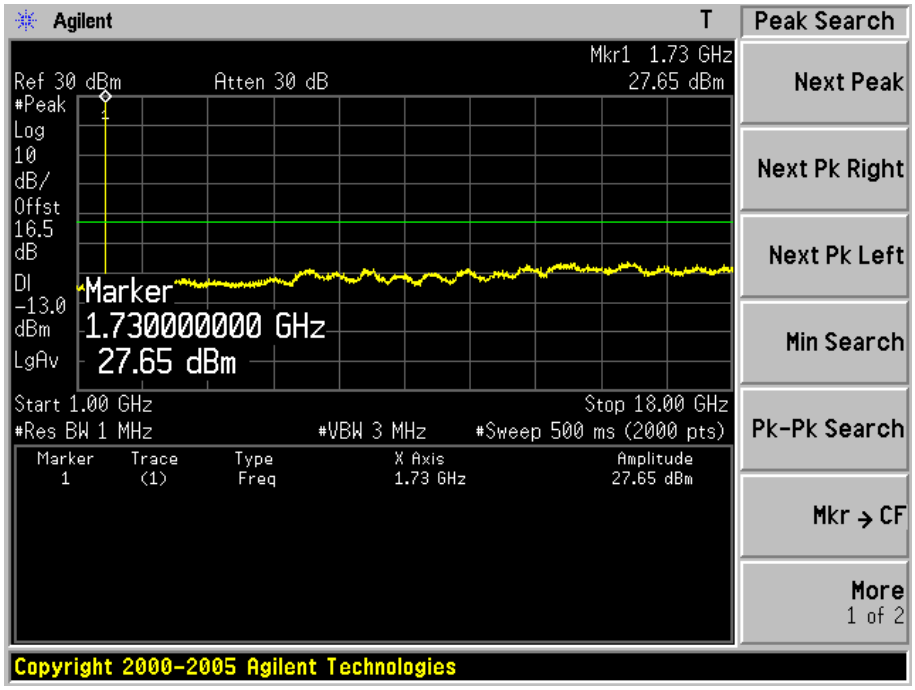
Low Channel 19965(1711.5MHz) 1RB7



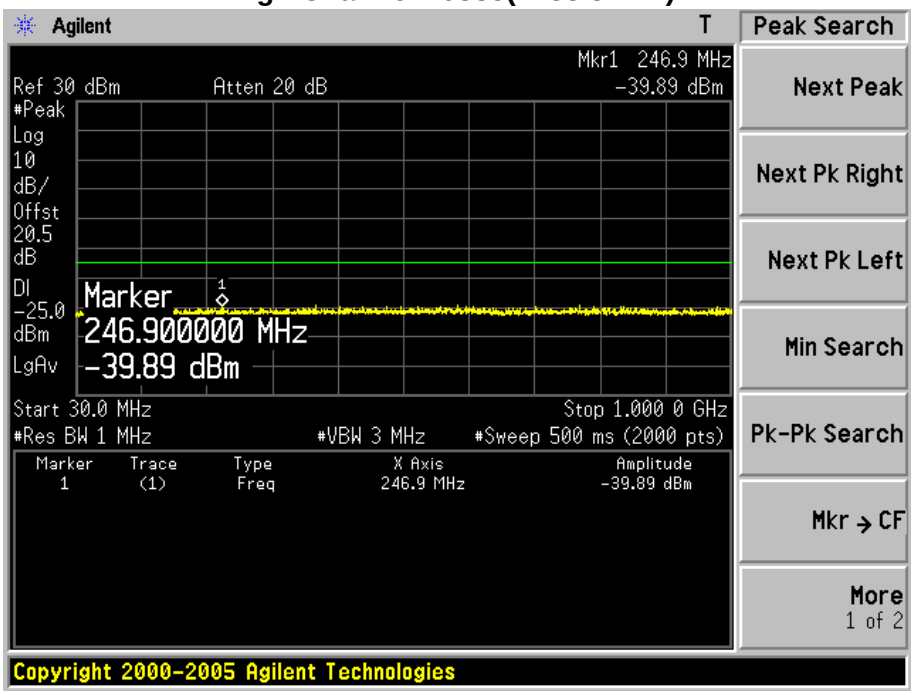


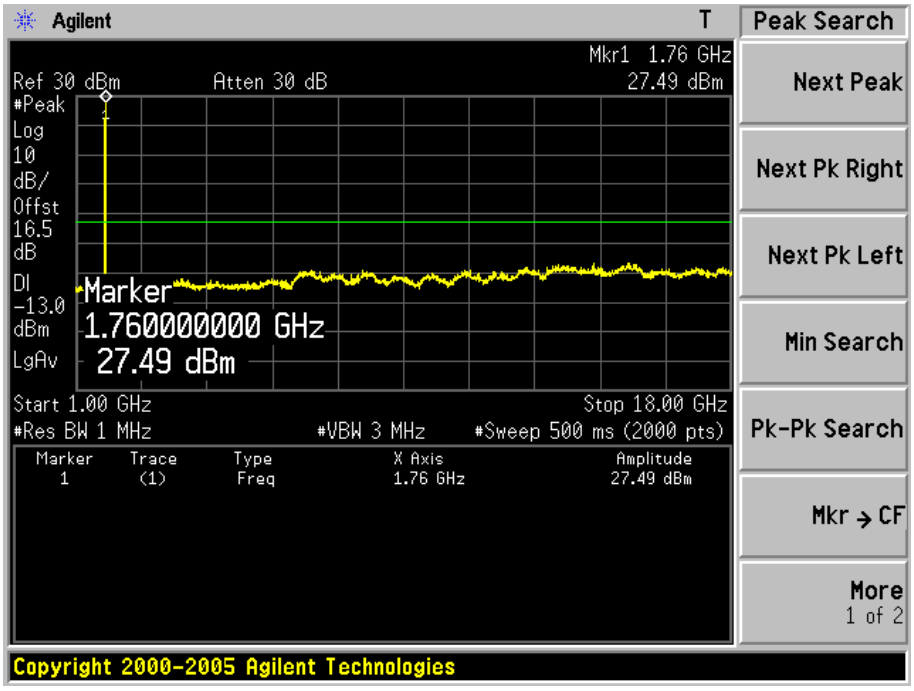
Mid Channel 20175(1732.5MHz) 1RB14





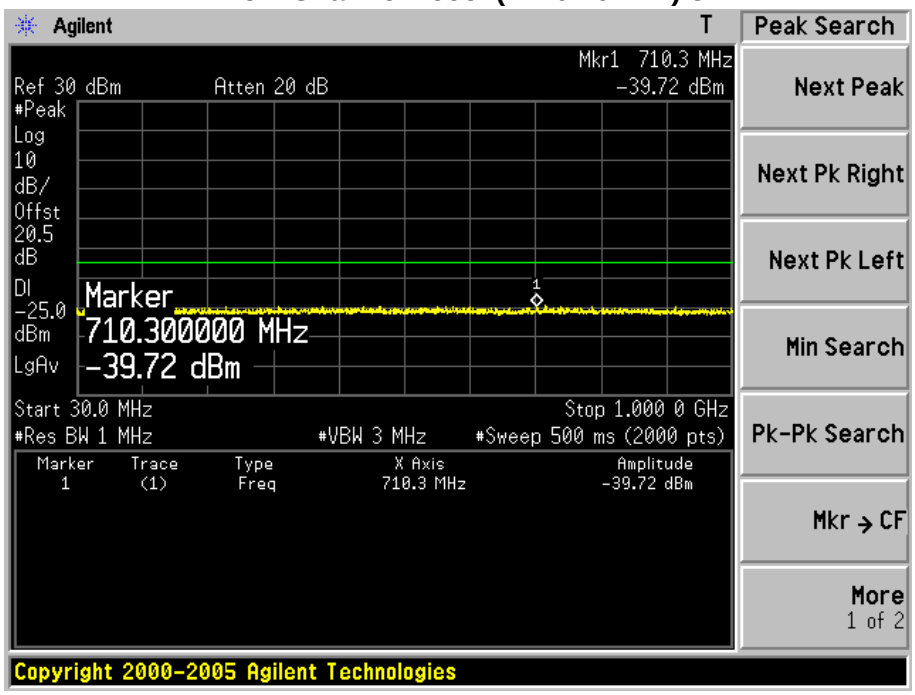
High Channel 20385(1753.5MHz) 1RB7

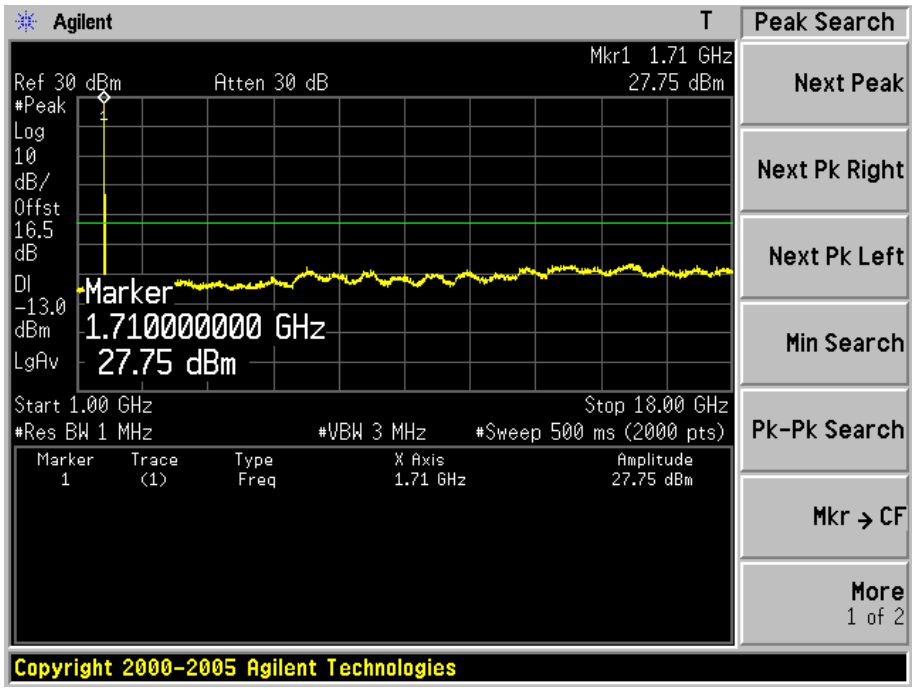




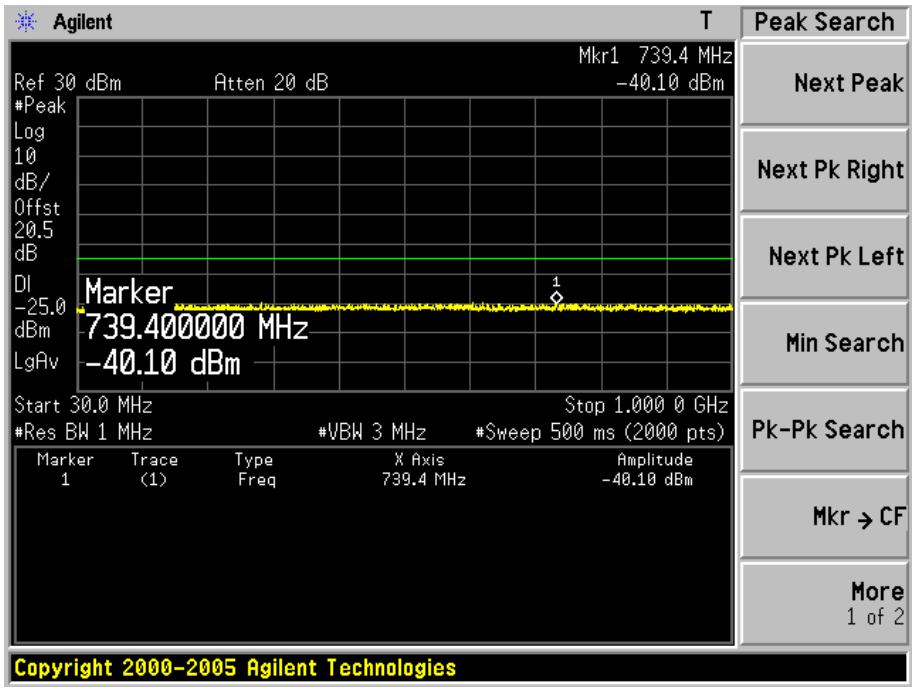
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (1.4M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

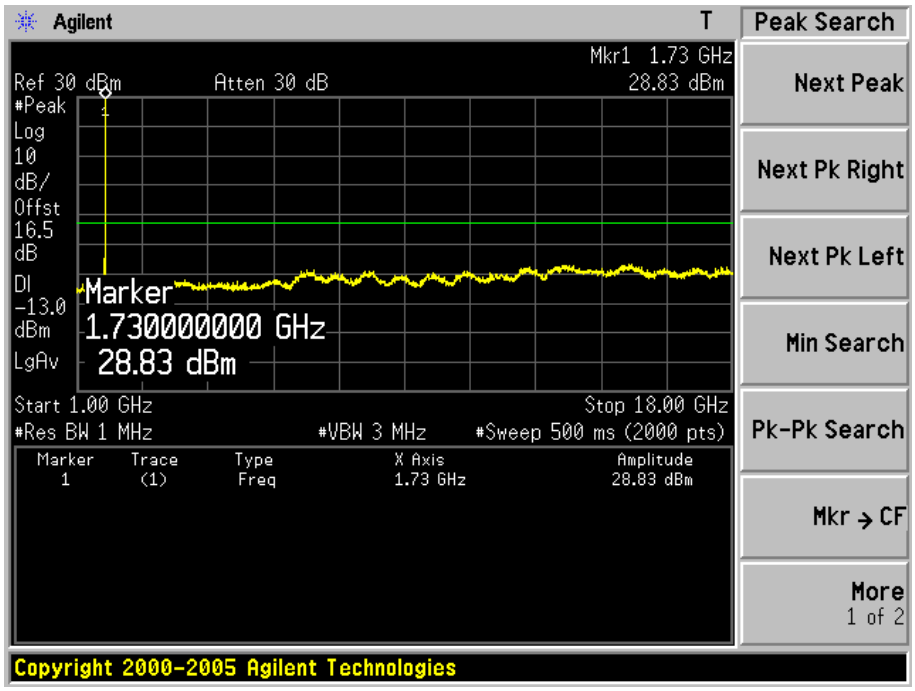
Low Channel 19957(1710.70MHz) 3RB2



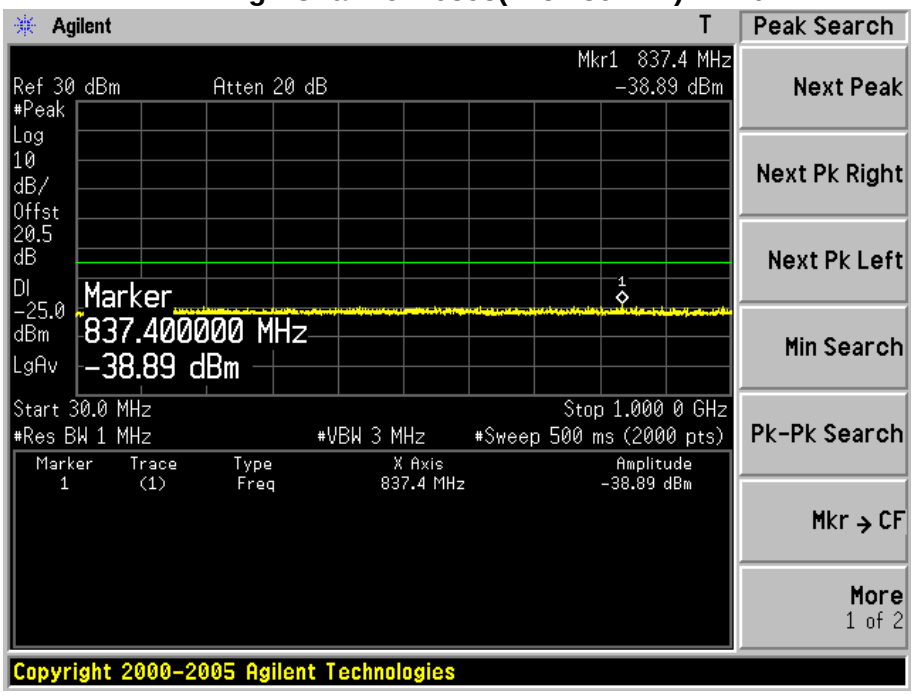


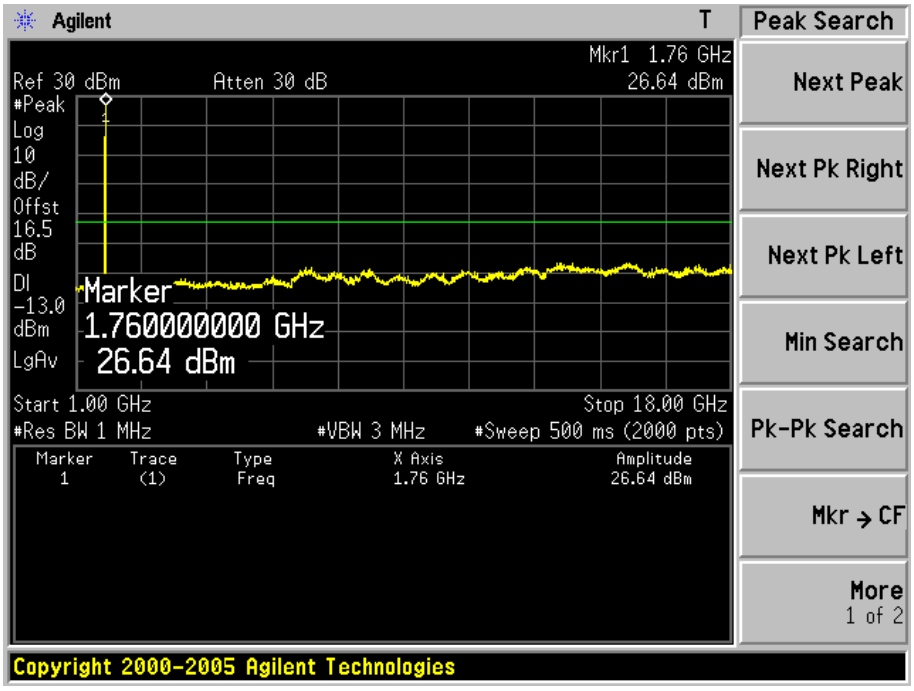
Mid Channel 20175(1732.50MHz) 1RB5





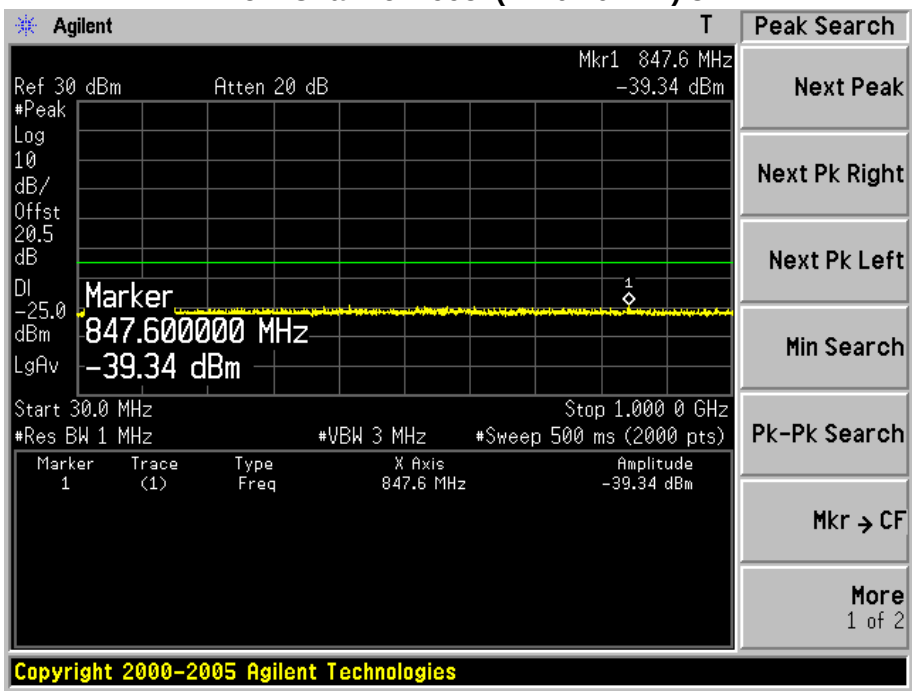
High Channel 20393(1754.30MHz) 1RB0

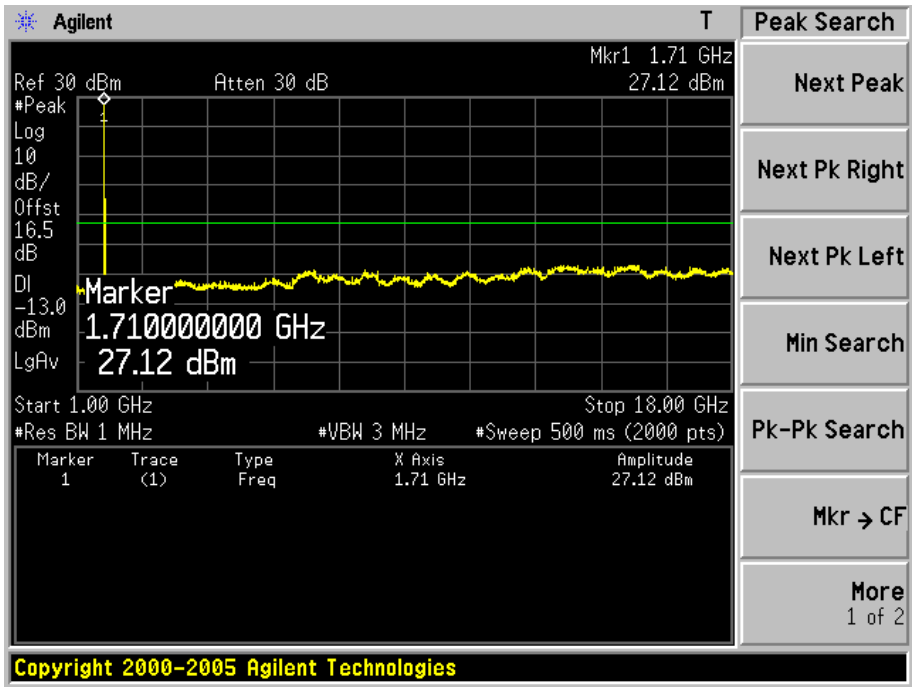




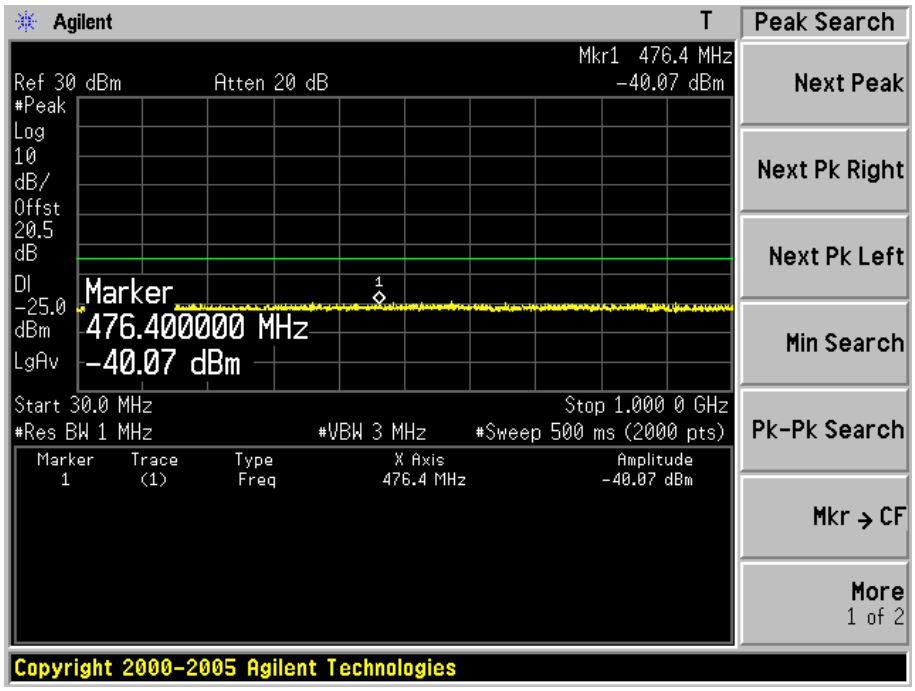
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (1.4M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

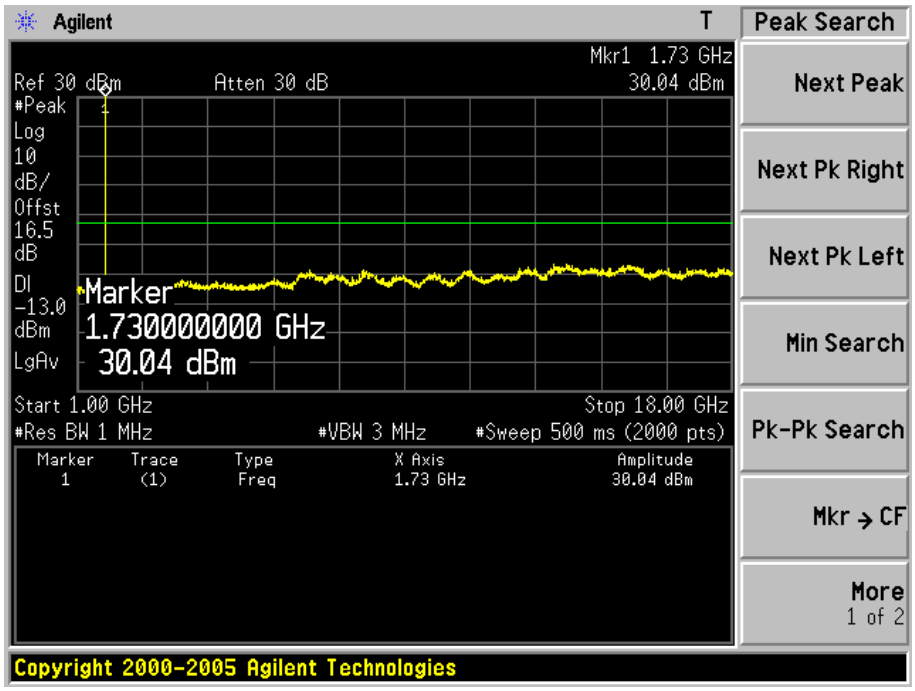
Low Channel 19957(1710.70MHz) 3RB1



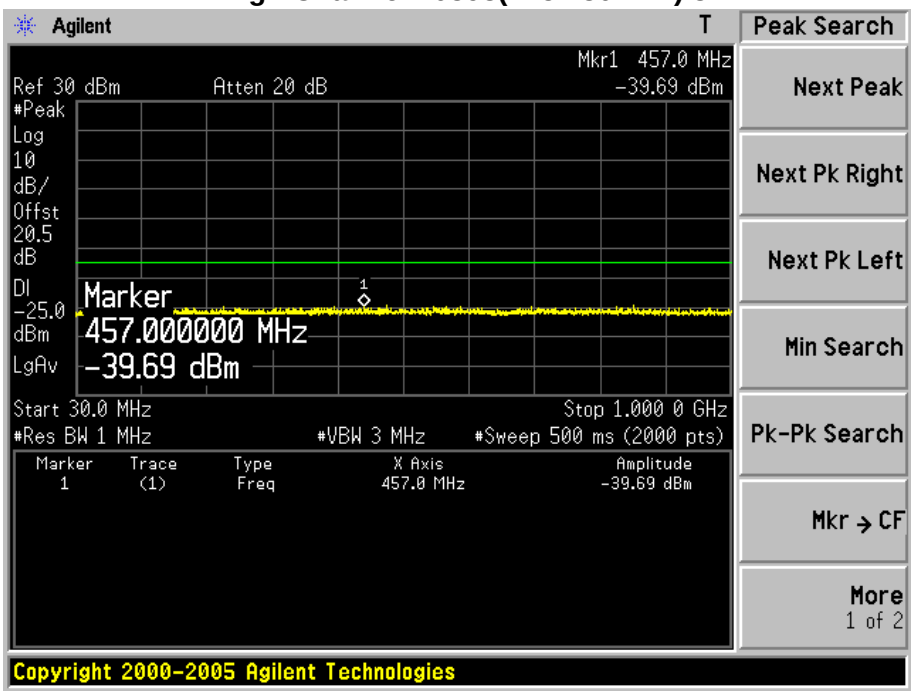


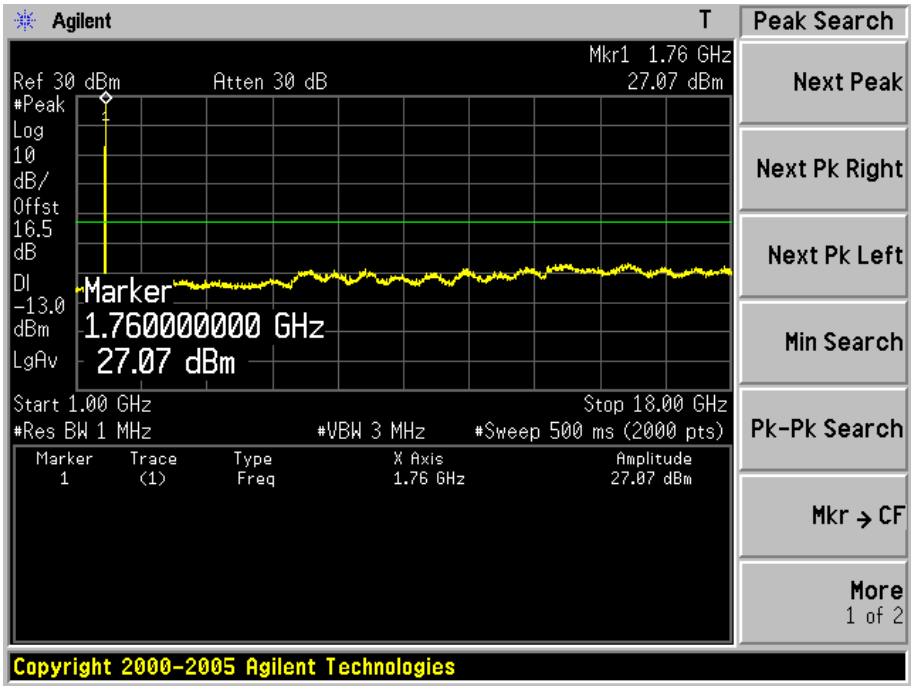
Mid Channel 20175(1732.50MHz) 3RB0





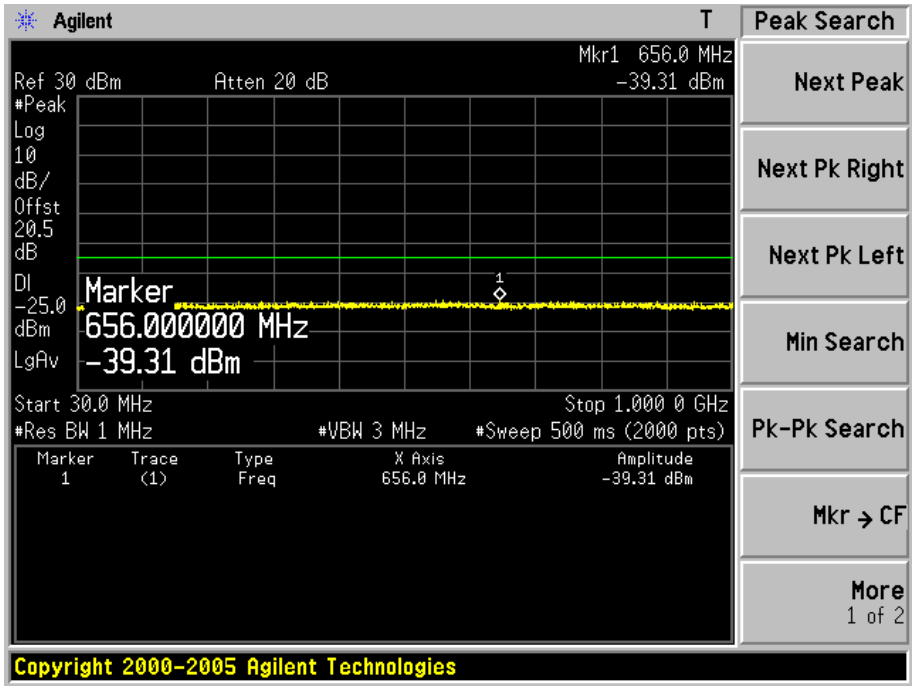
High Channel 20393(1754.30MHz) 3RB1

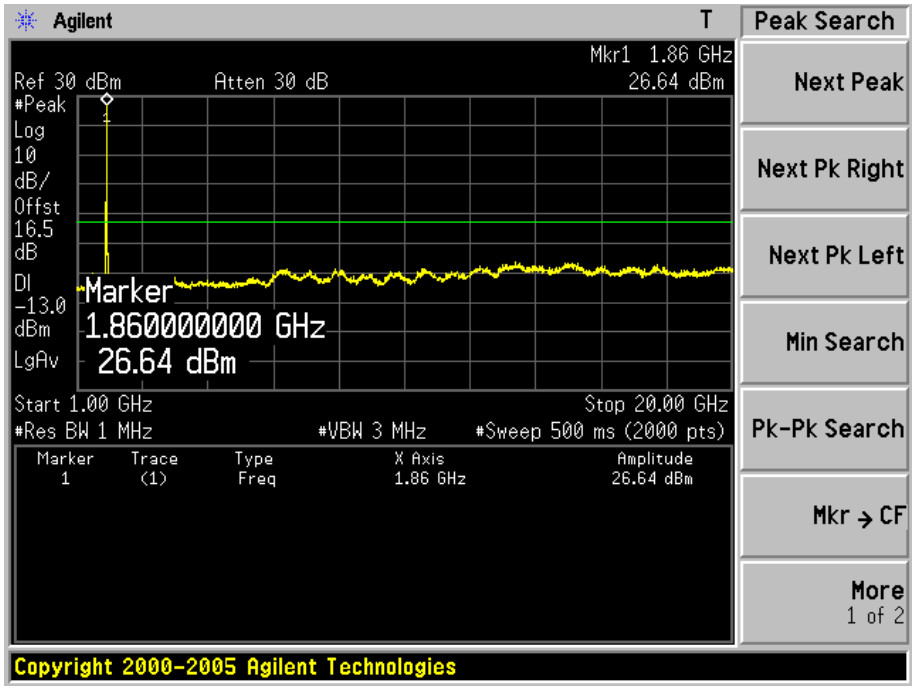




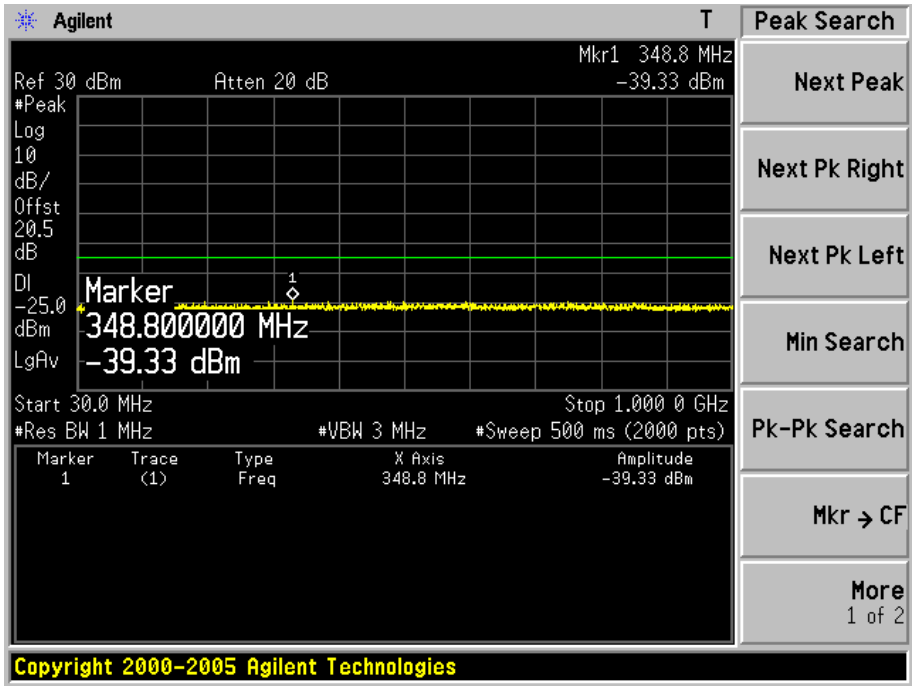
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (20M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

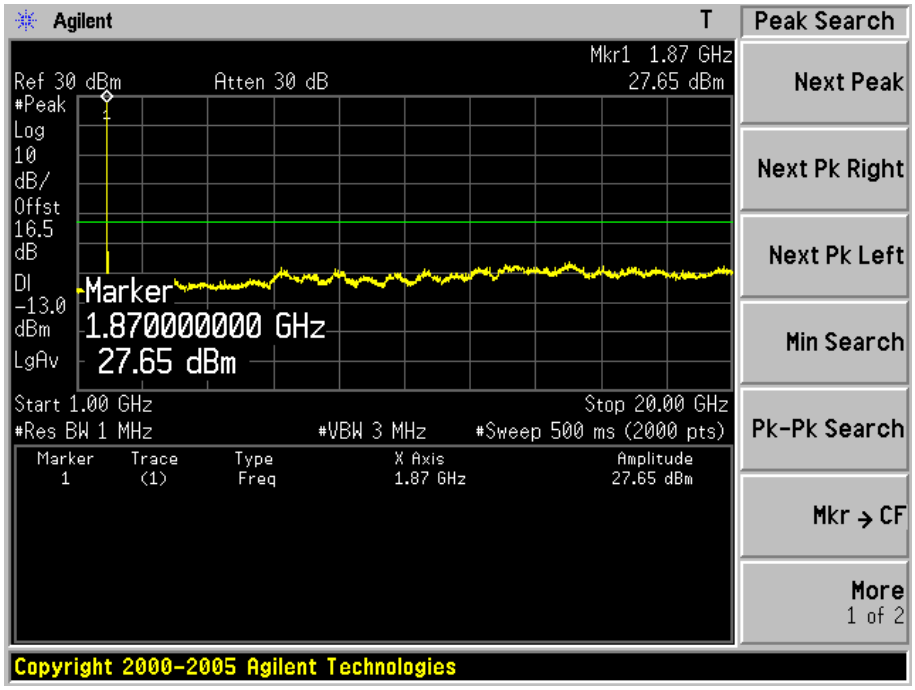
Low Channel 26140(1860.00MHz) 1RB0



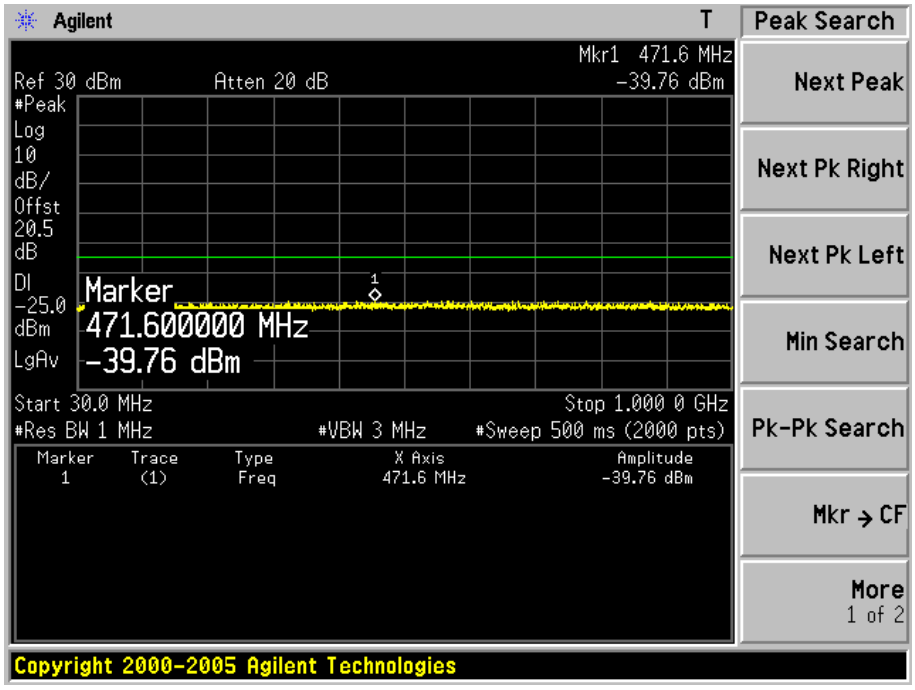


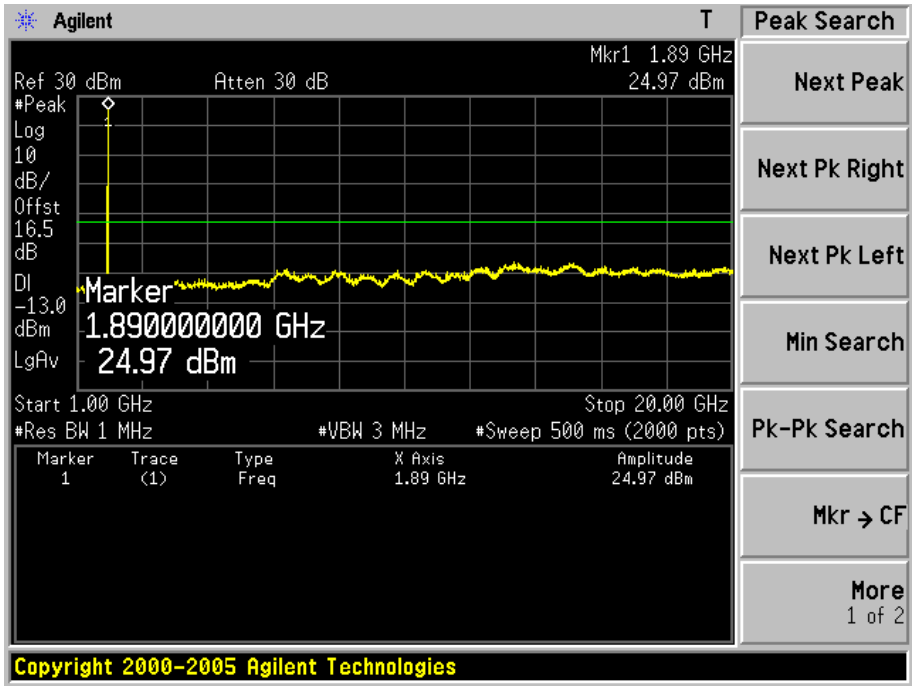
Mid Channel 26340(1880.00MHz) 1RB0





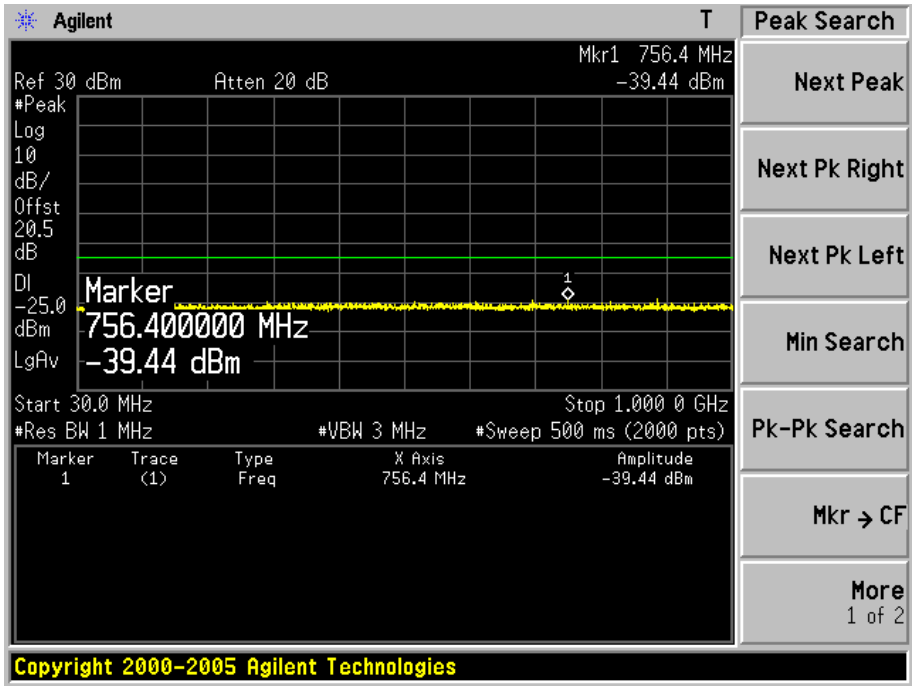
High Channel 26590(1905.00MHz) 1RB0

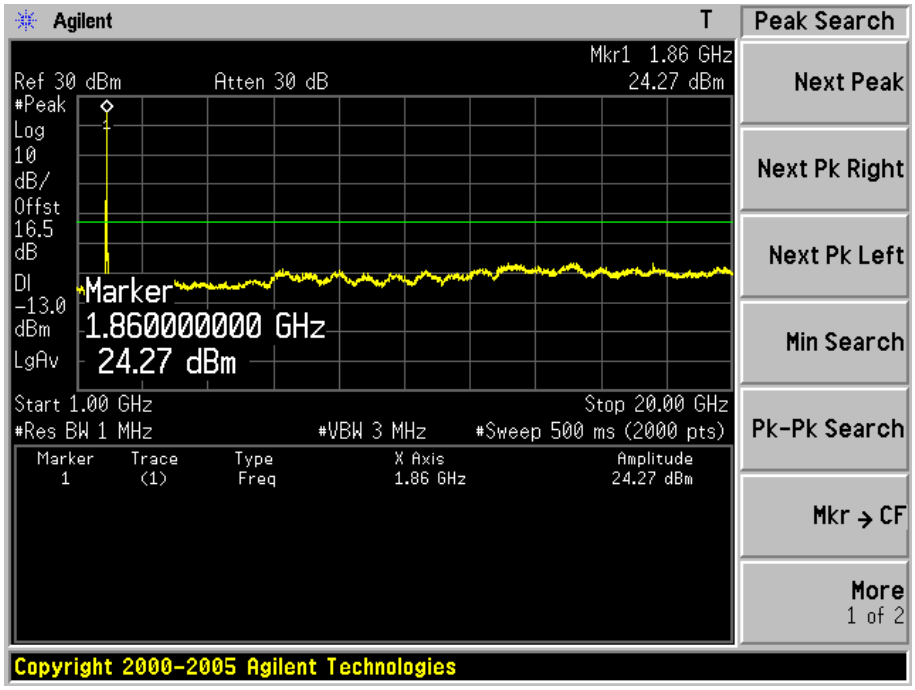




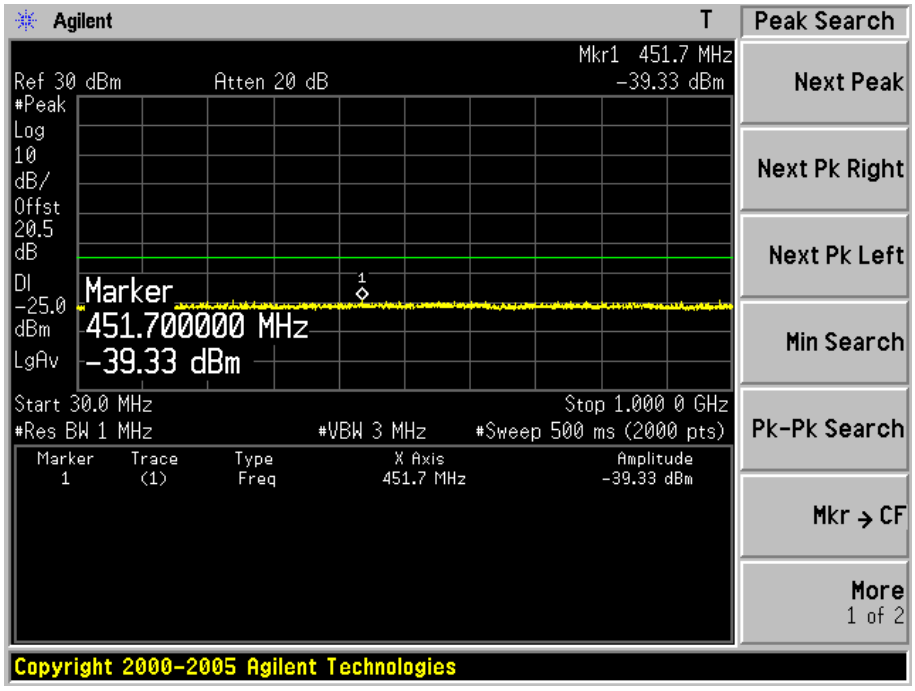
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (20M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

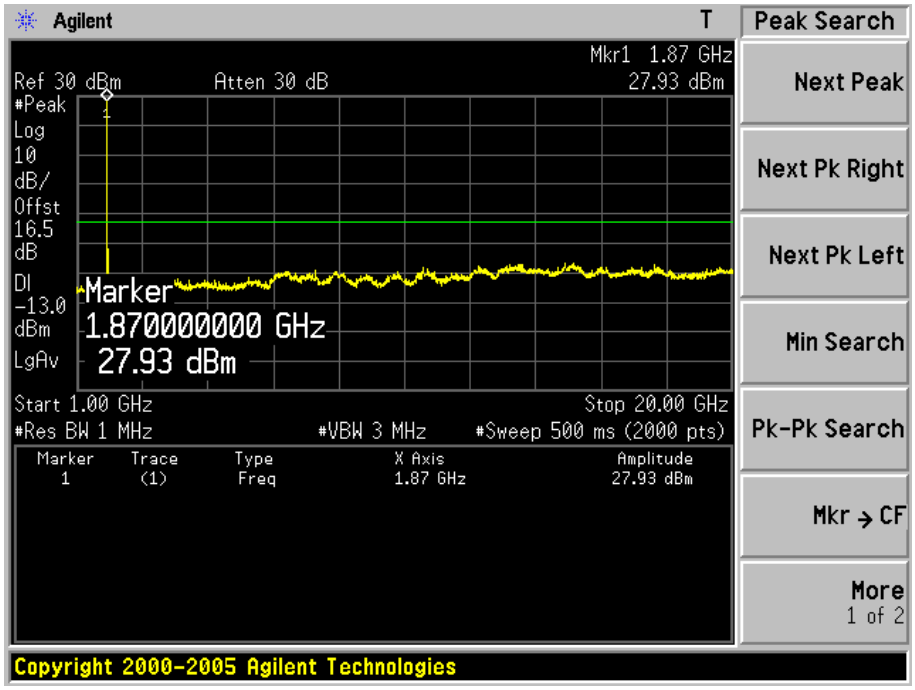
Low Channel 26140(1860.00MHz) 1RB0



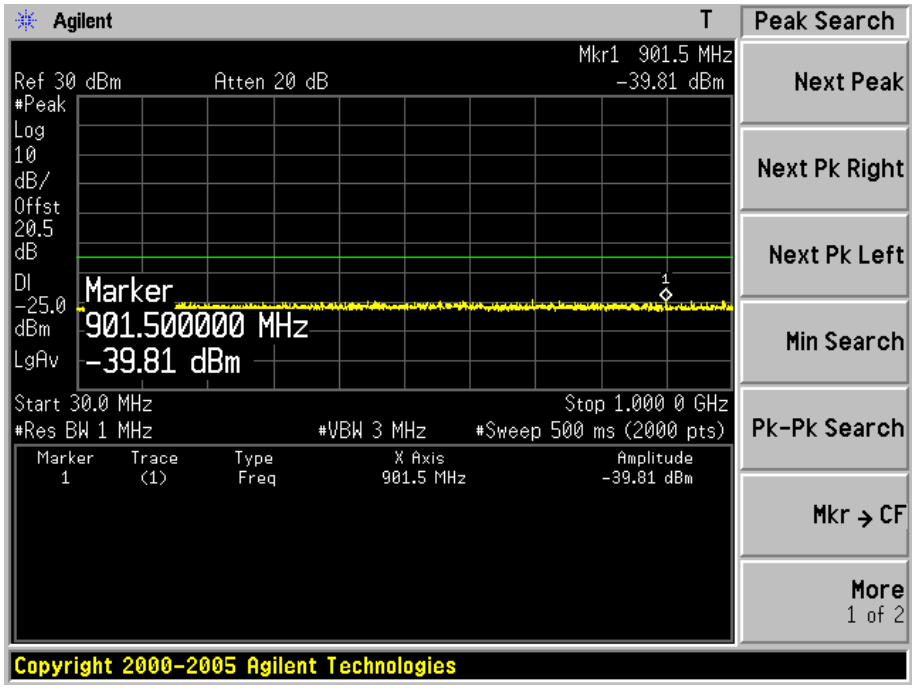


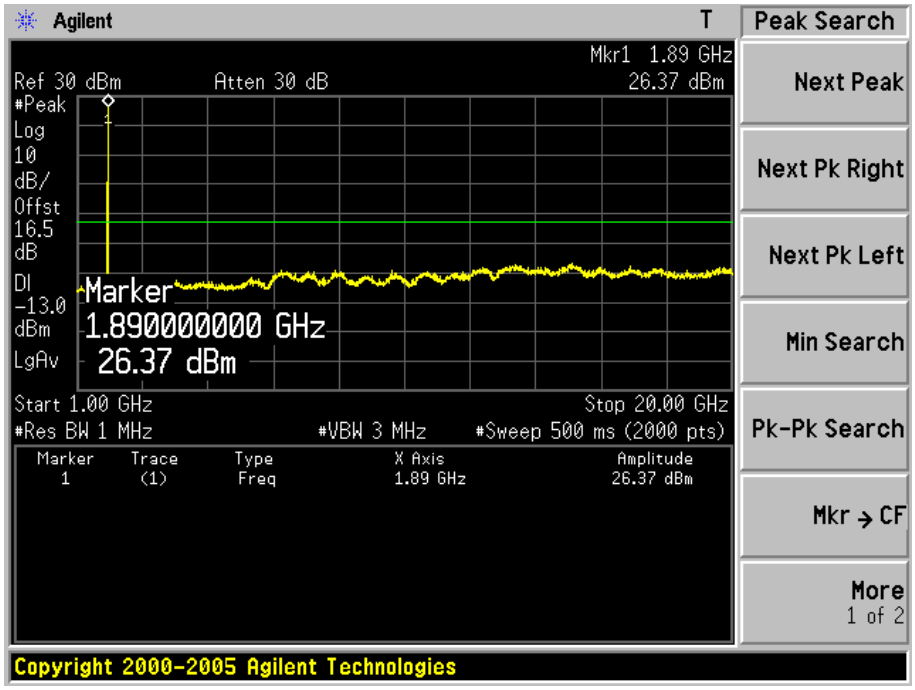
Mid Channel 26340(1880.00MHz) 1RB0





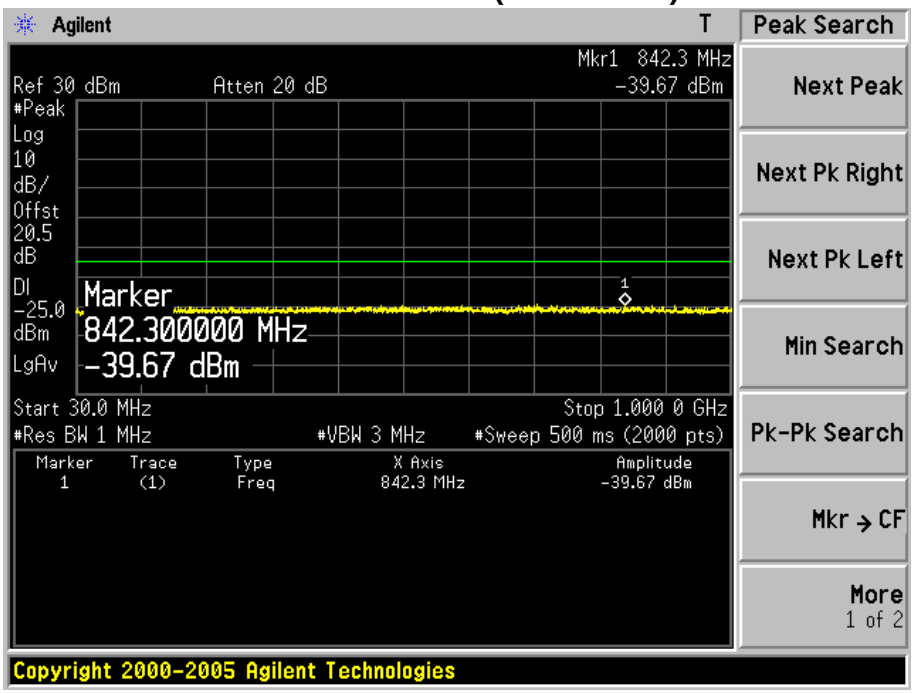
High Channel 26590(1905.00MHz) 1RB0

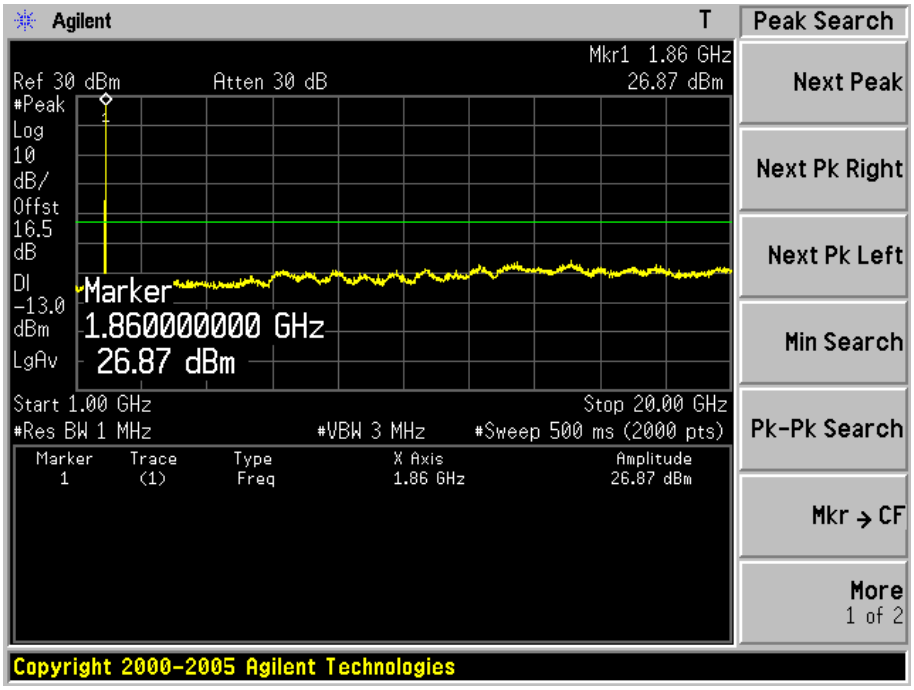




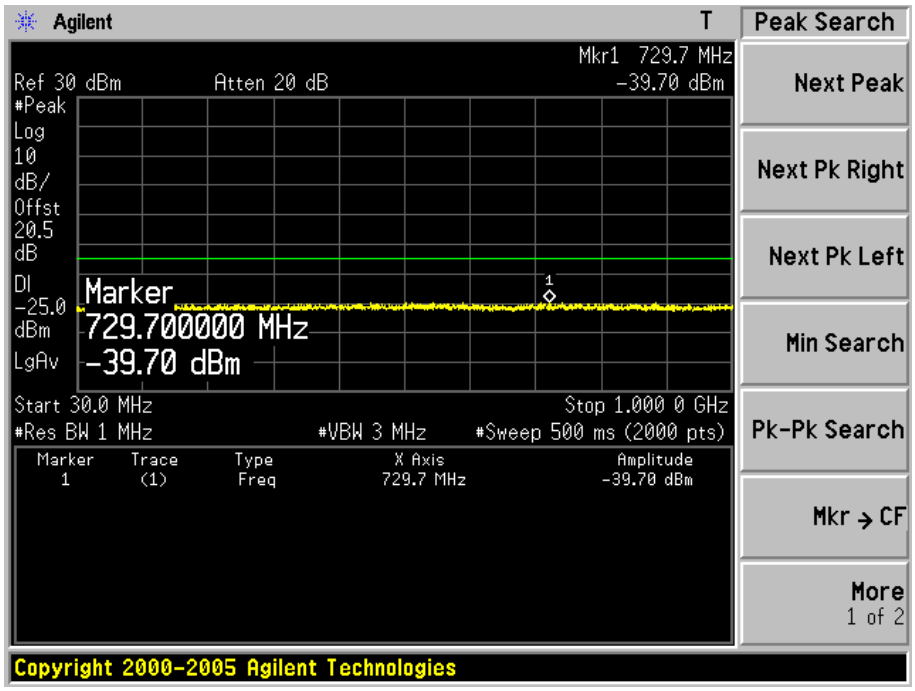
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (15M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

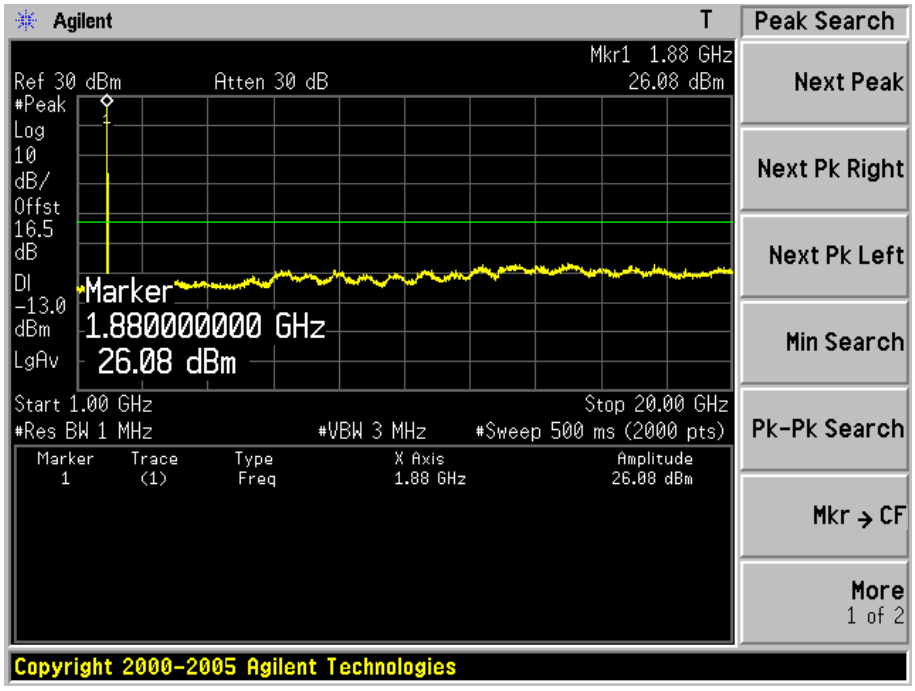
Low Channel 26115(1857.50MHz) 1RB0



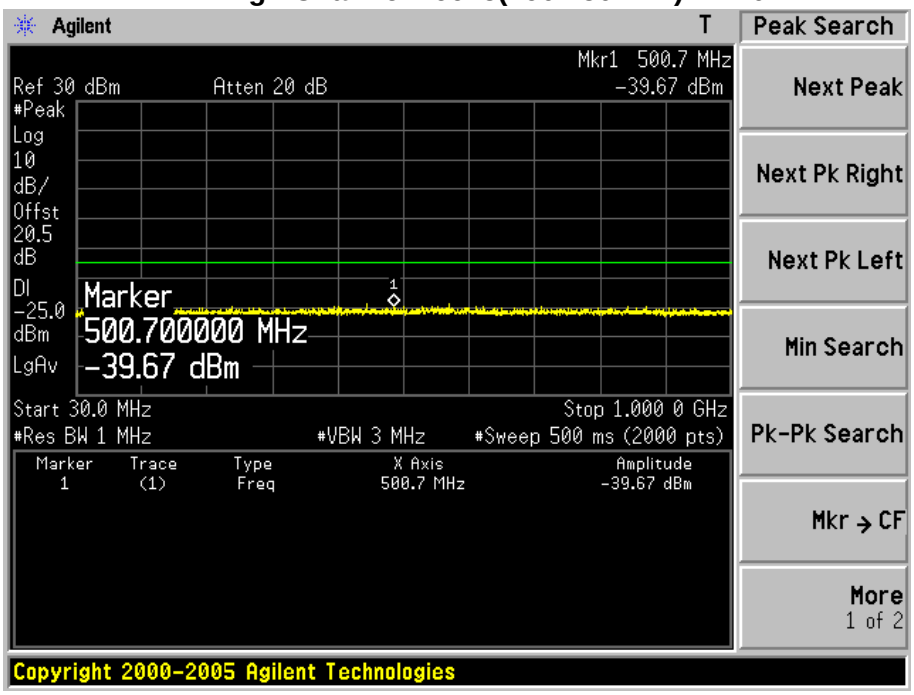


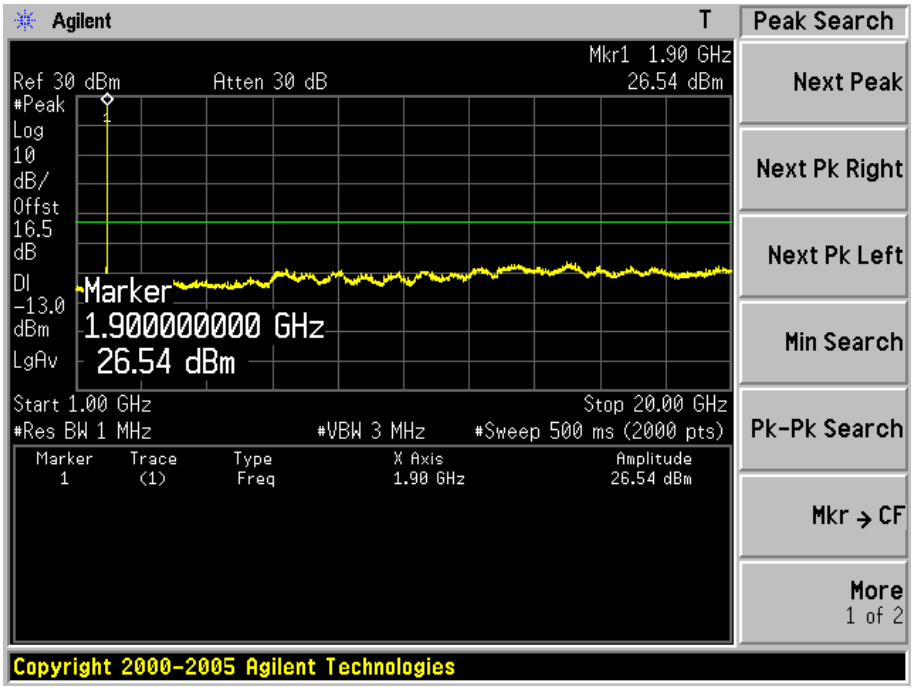
Mid Channel 26340(1880.00MHz) 1RB37





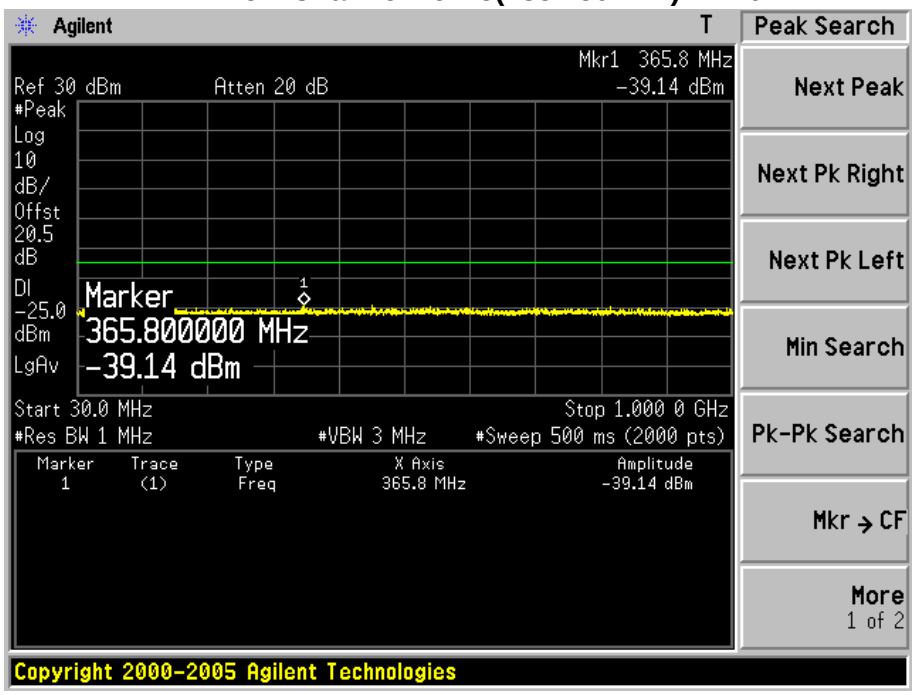
High Channel 26615(1907.50MHz) 1RB0

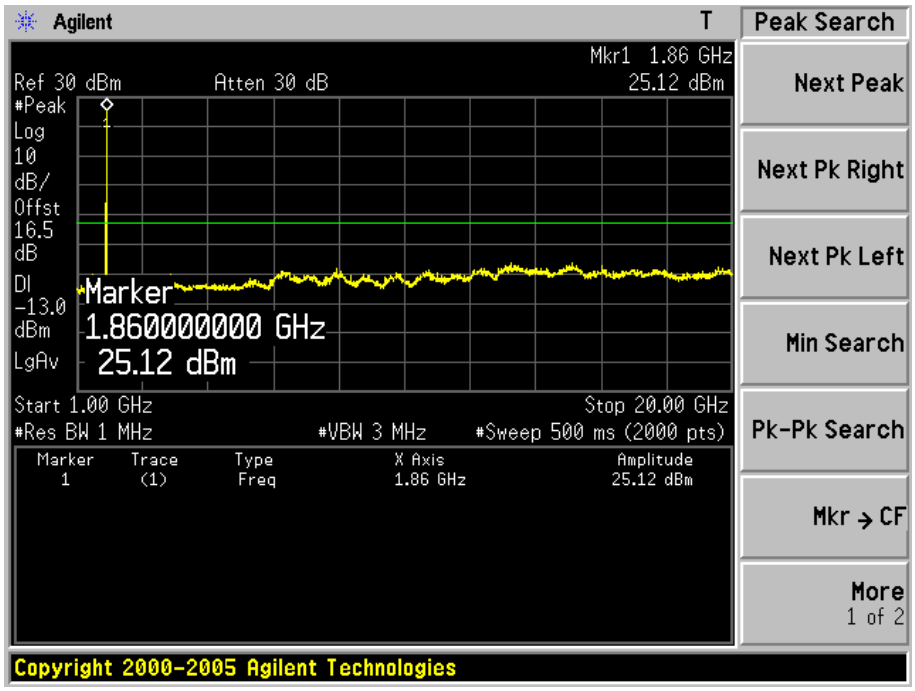




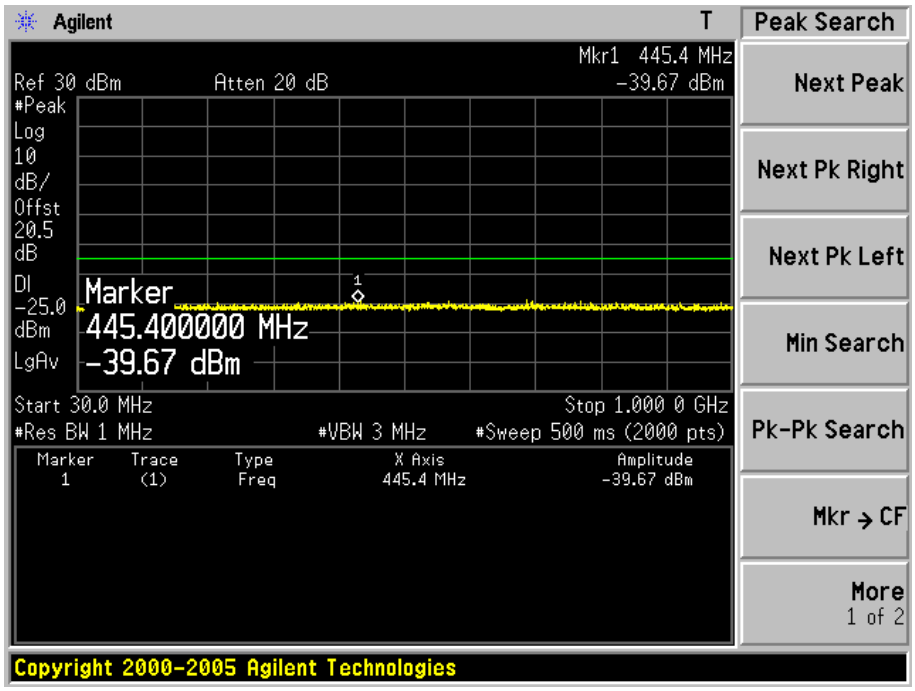
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (15M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

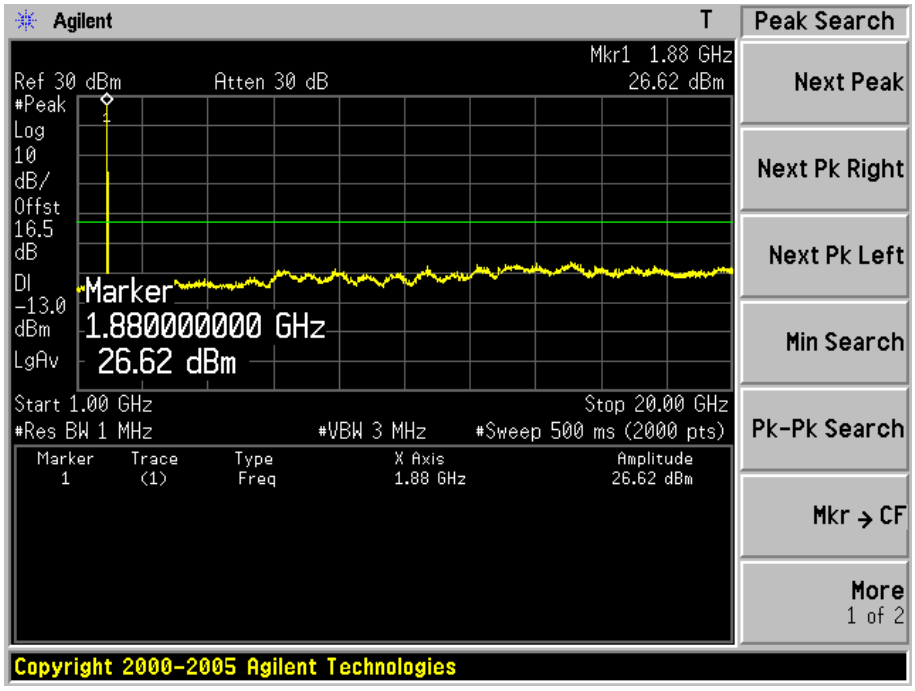
Low Channel 26115(1857.50MHz) 1RB0



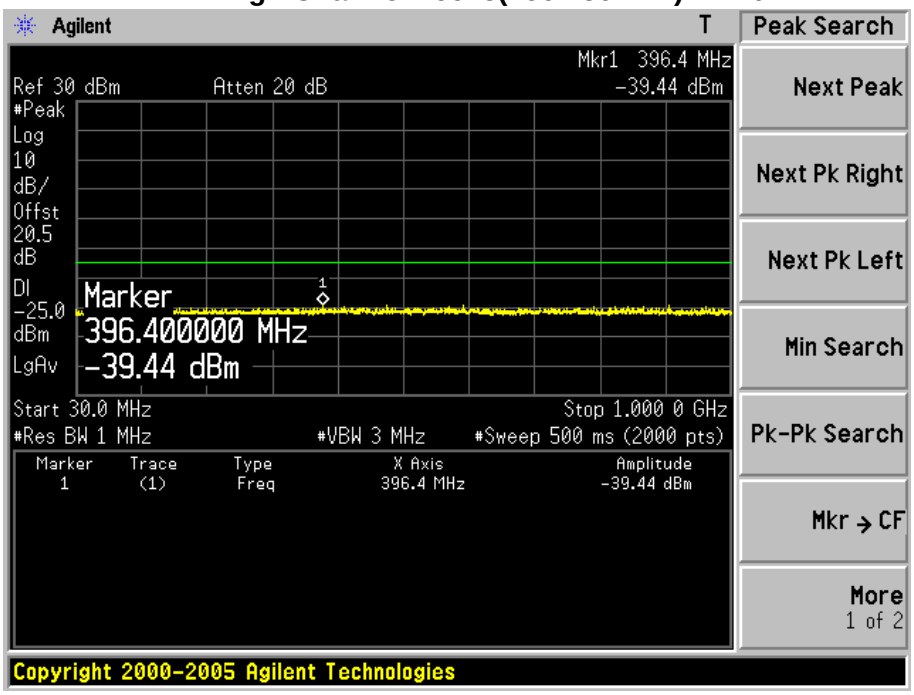


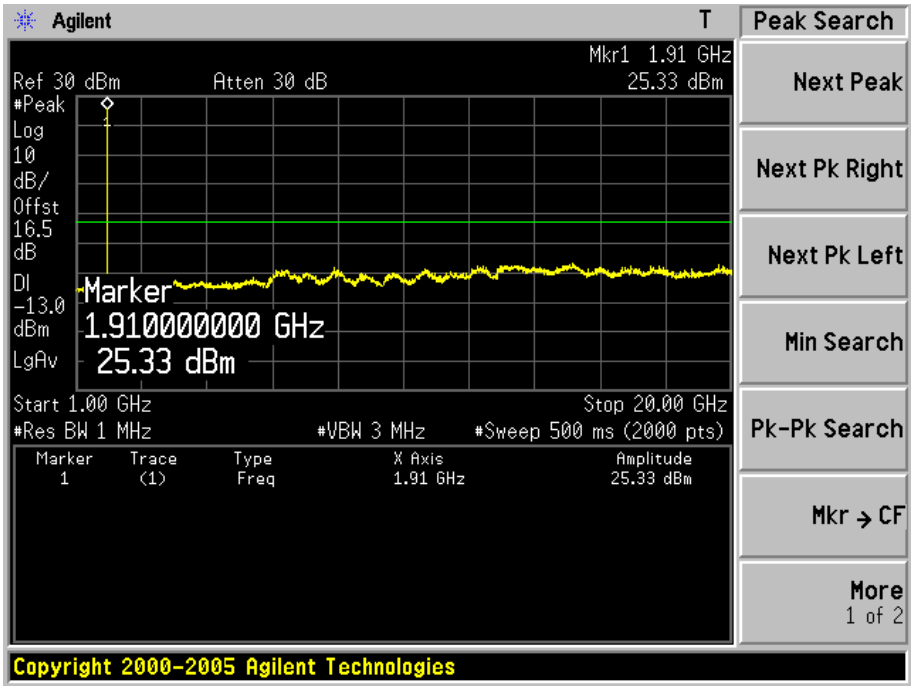
Mid Channel 26340(1880.00MHz) 1RB37





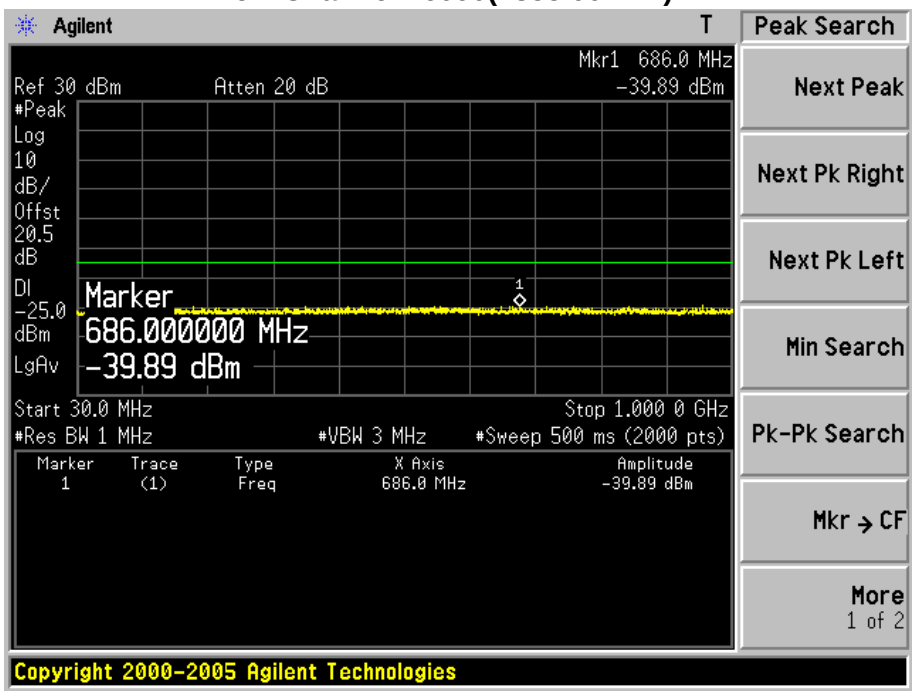
High Channel 26615(1907.50MHz) 1RB0

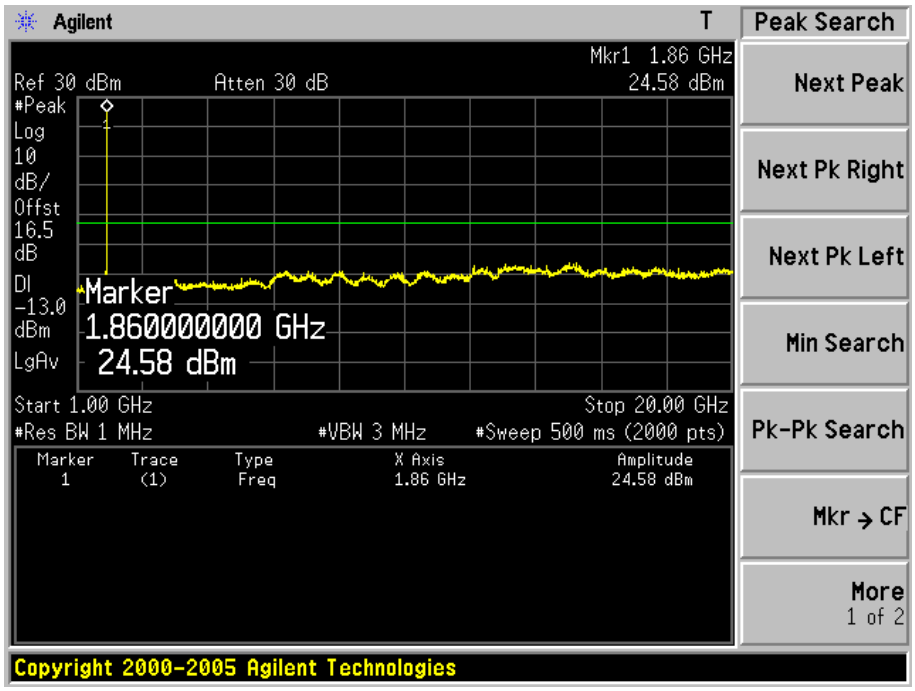




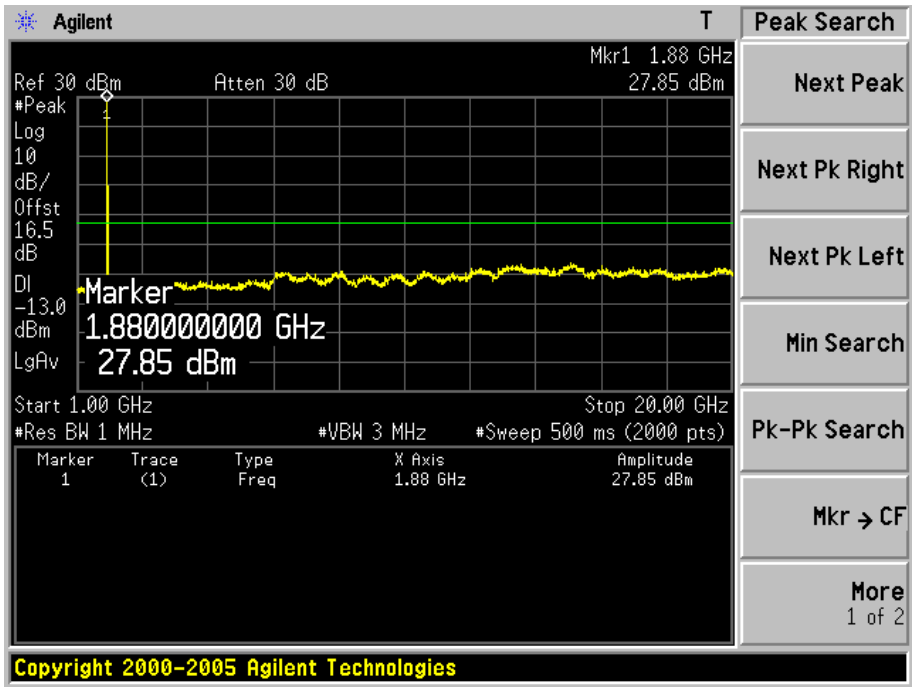
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (10M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

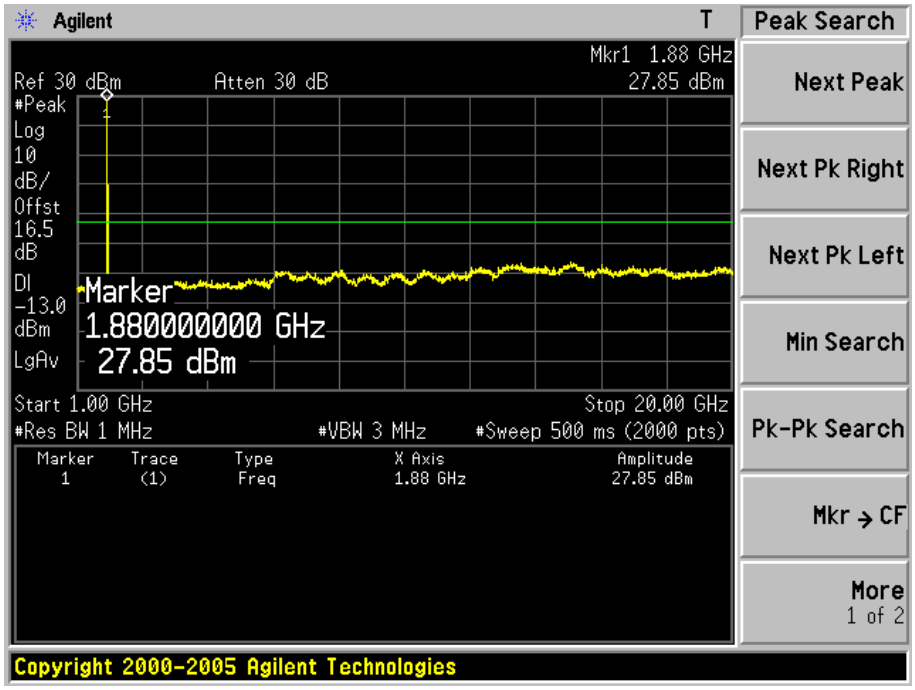
Low Channel 26090(1855.00MHz) 1RB24



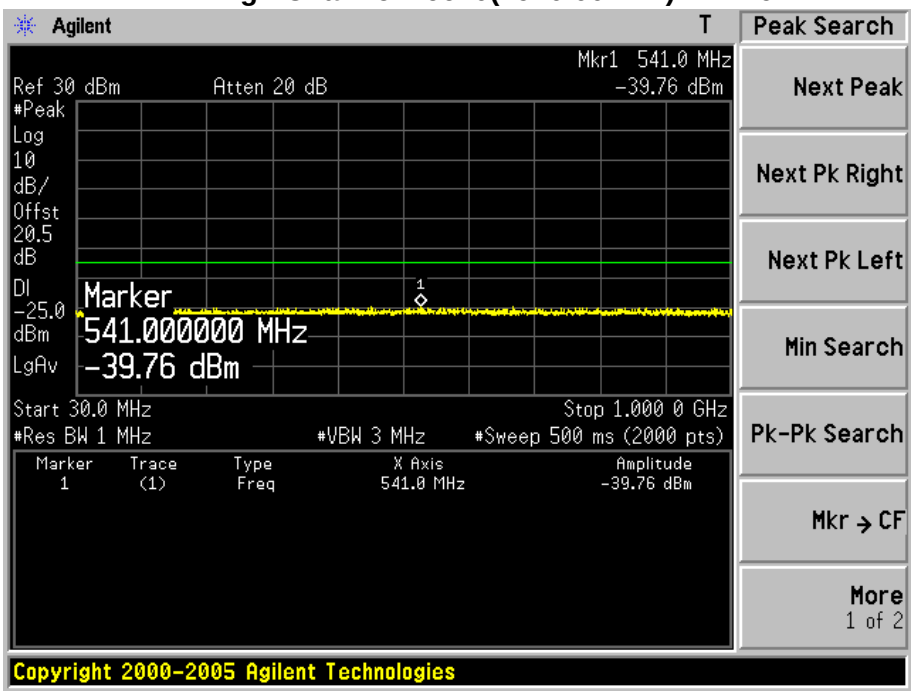


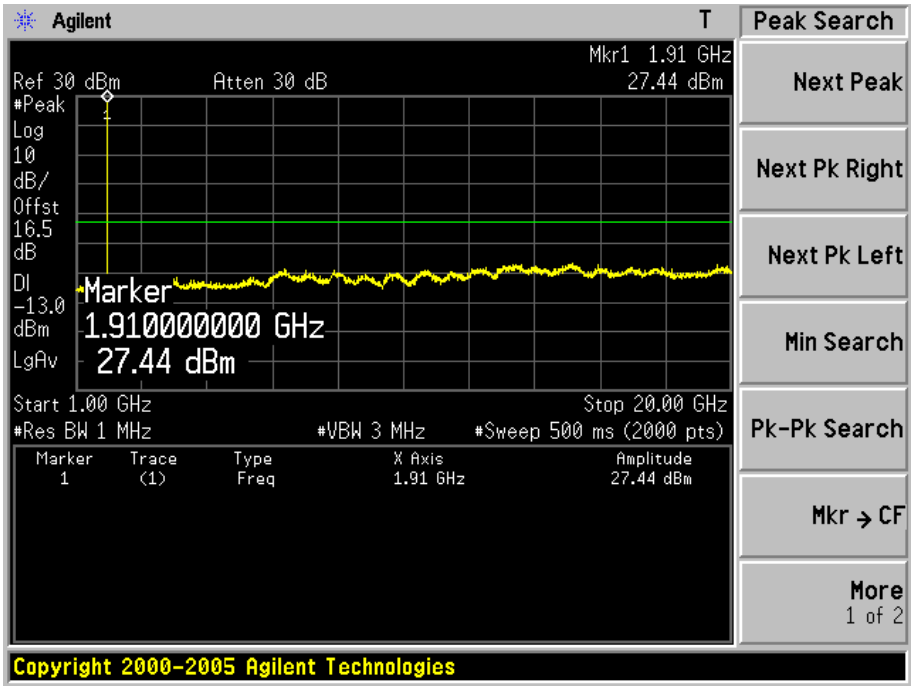
Mid Channel 26340(1880.00MHz) 1RB49





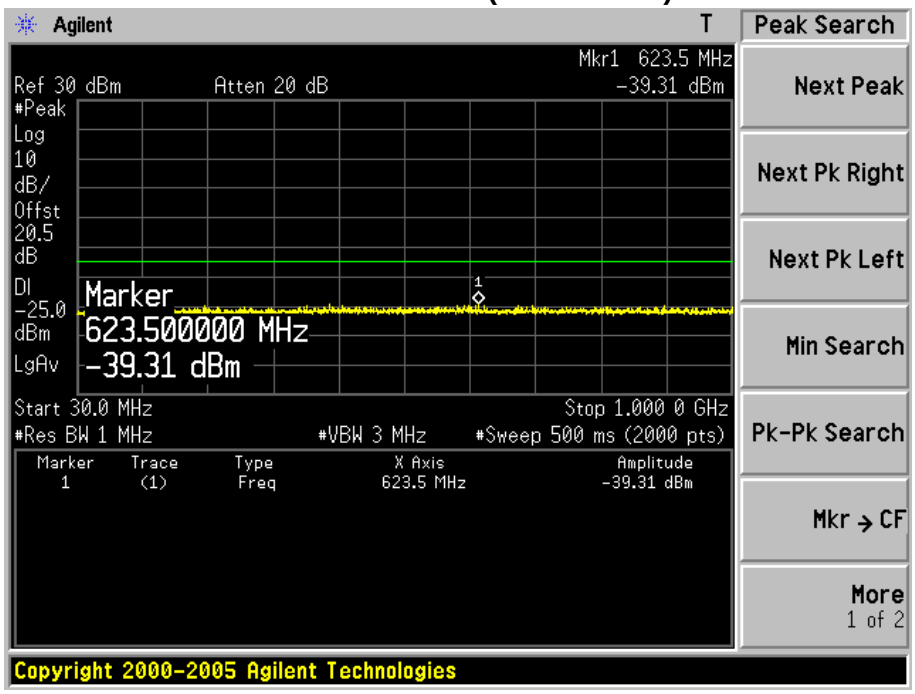
High Channel 26640(1910.00MHz) 1RB49

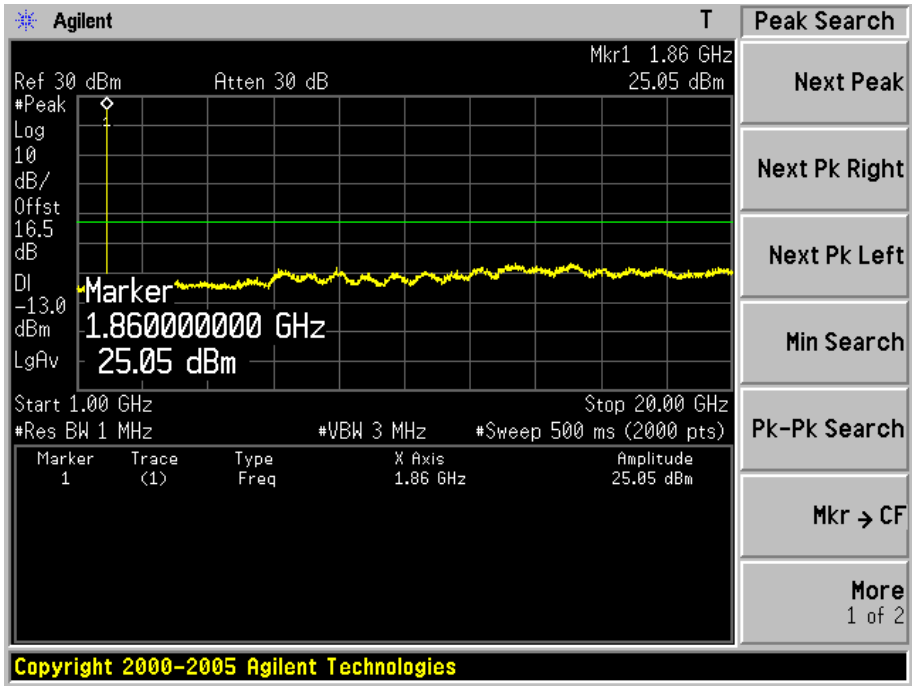




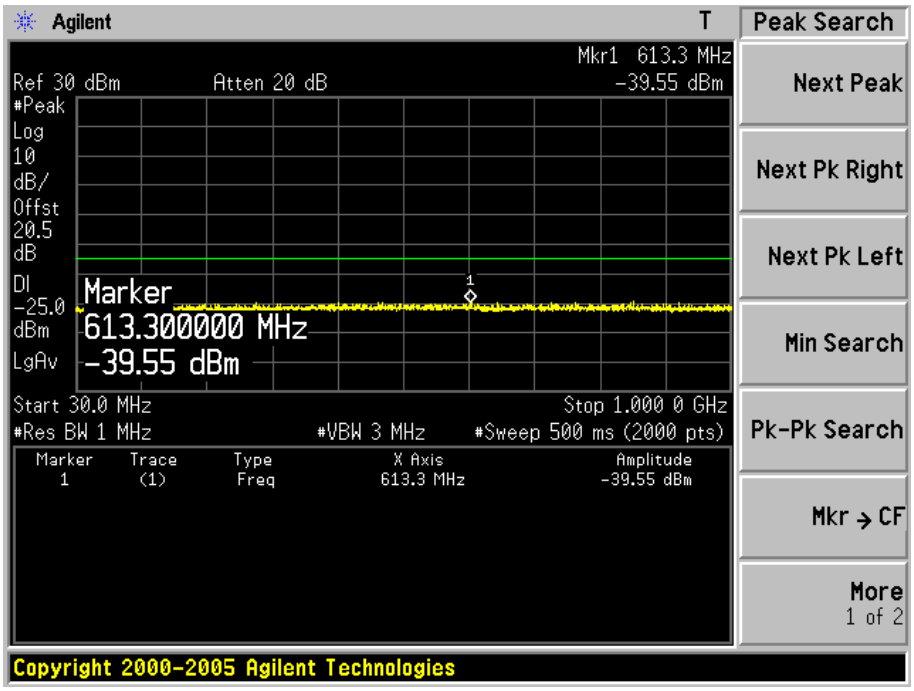
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (10M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

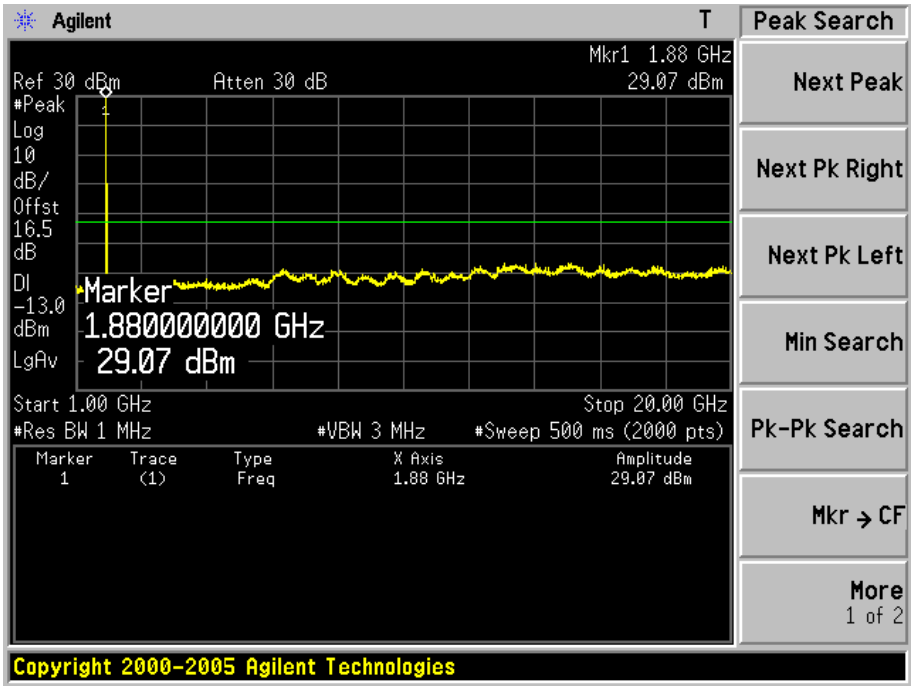
Low Channel 26090(1855.00MHz) 1RB24



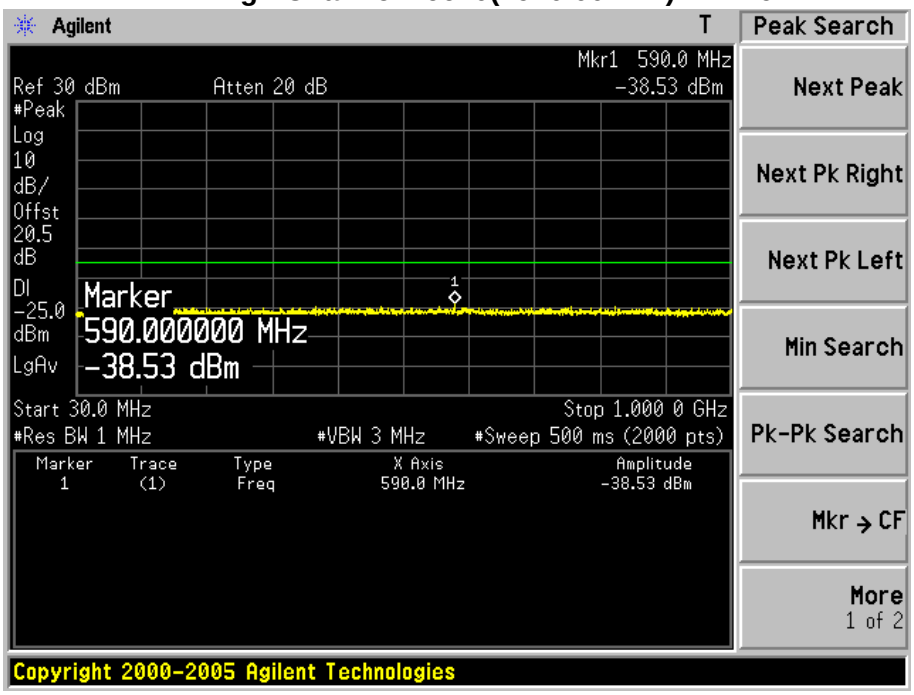


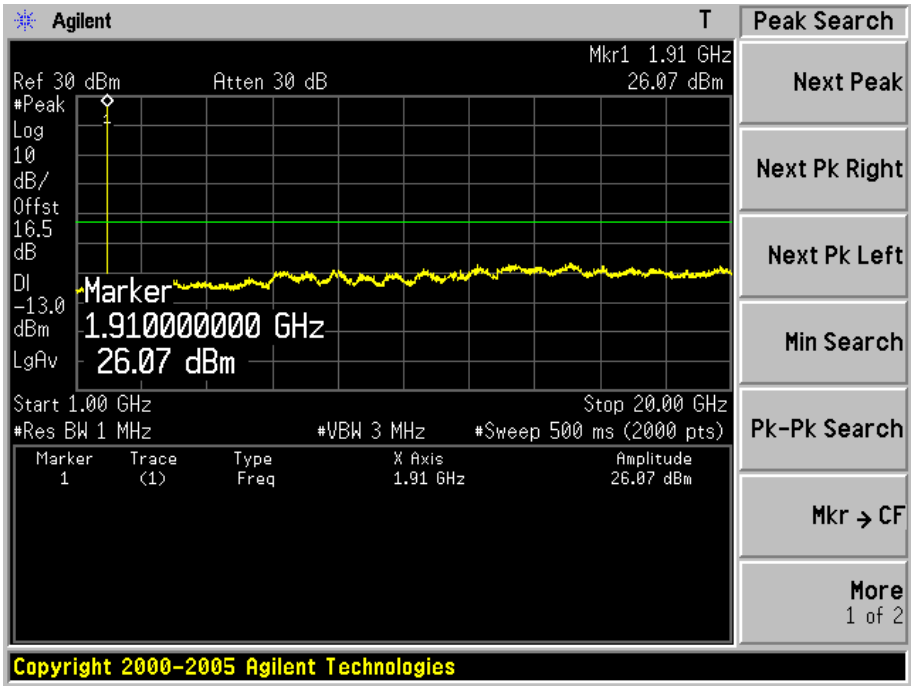
Mid Channel 26340(1880.00MHz) 1RB49





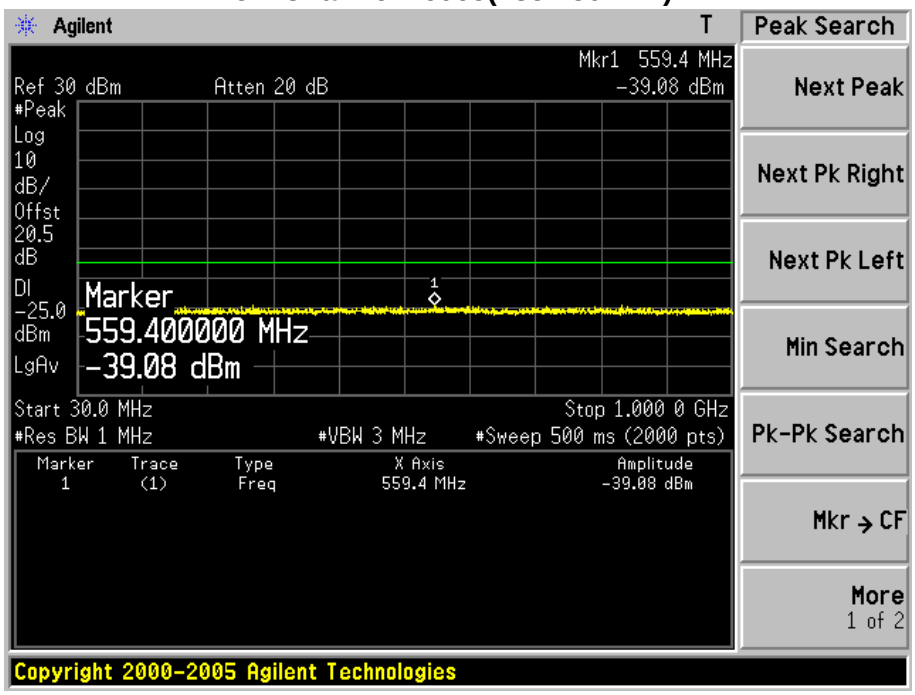
High Channel 26640(1910.00MHz) 1RB49

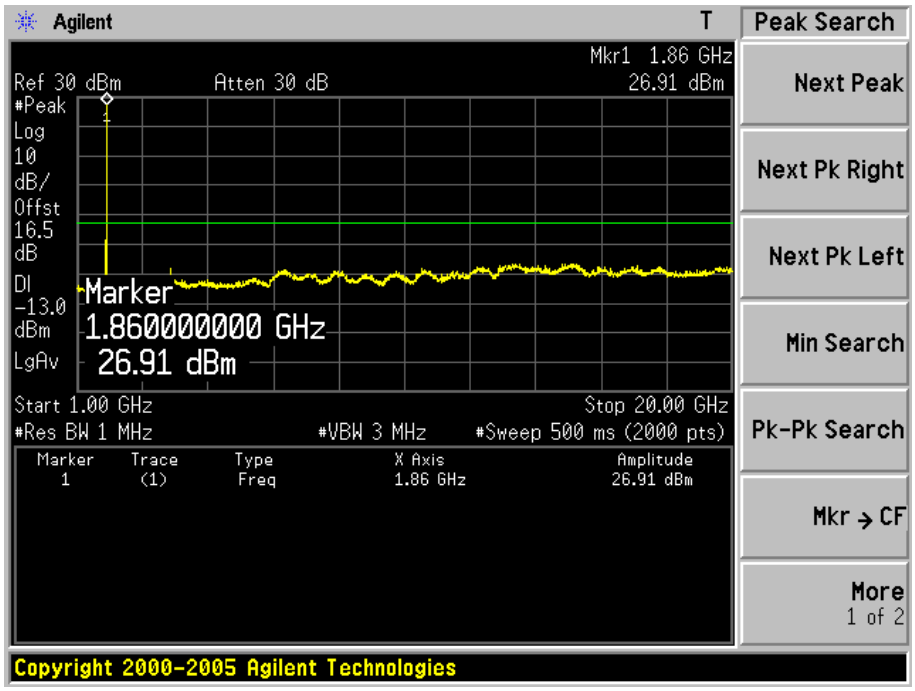




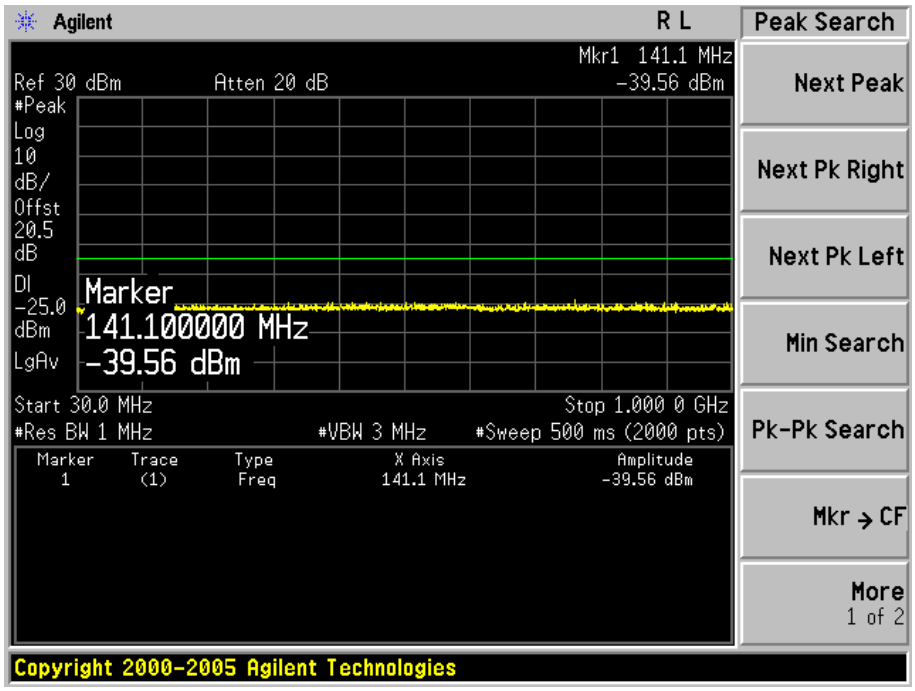
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (5M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

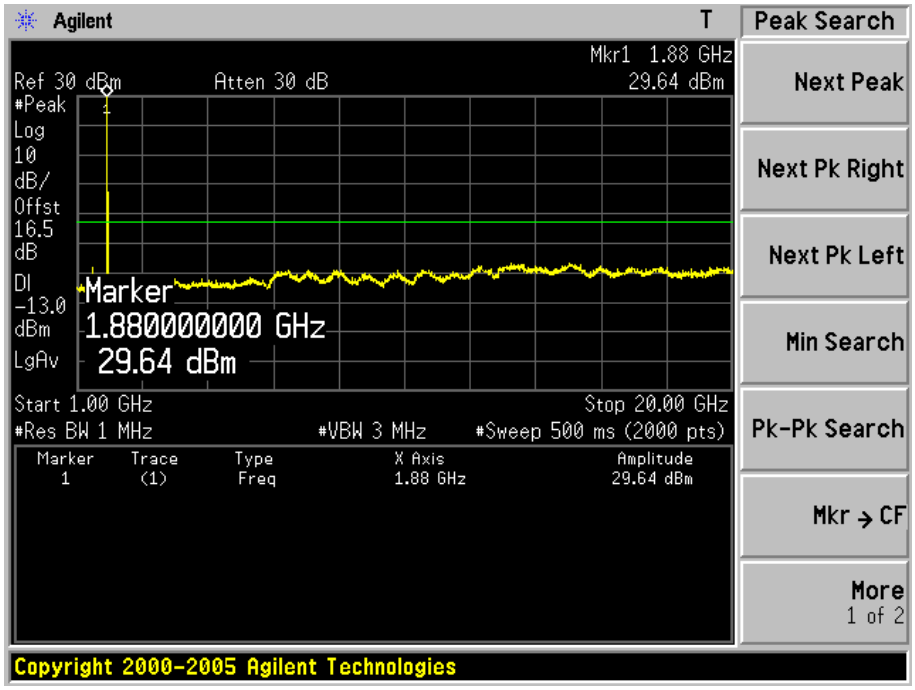
Low Channel 26065(1852.50MHz) 1RB12



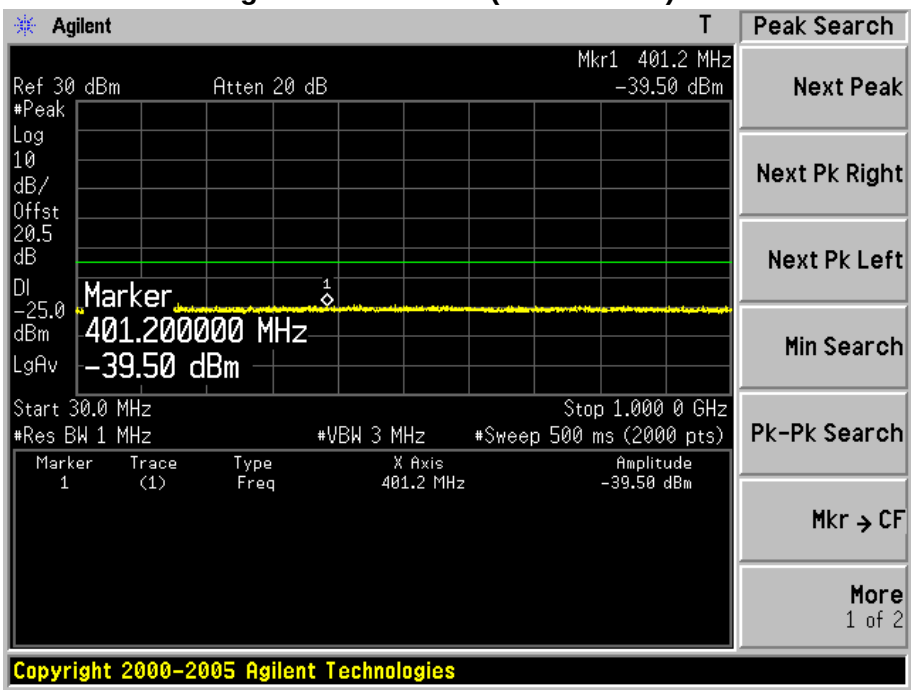


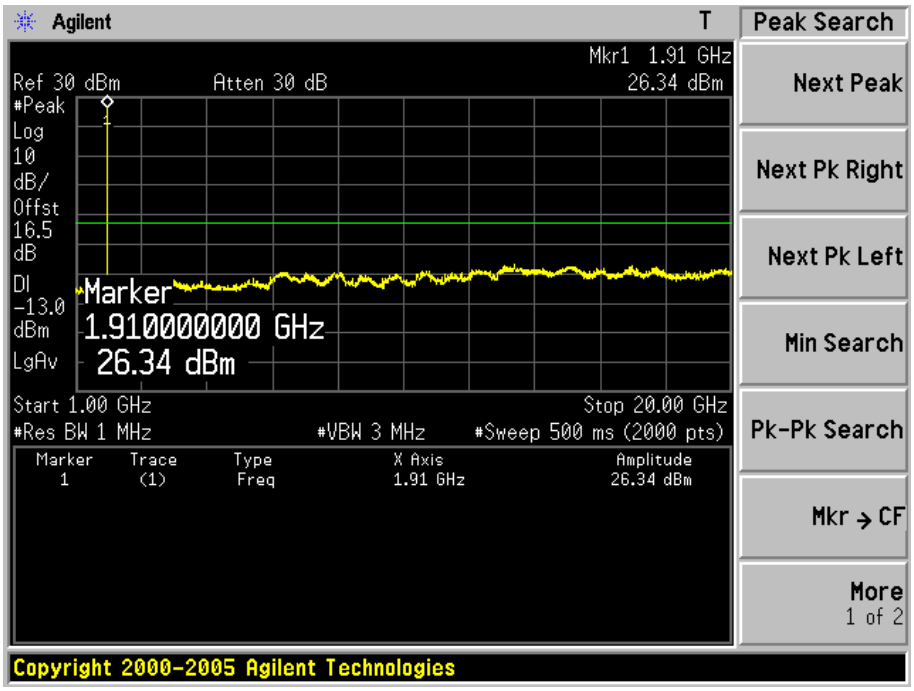
Mid Channel 26340(1880.00MHz) 1RB24





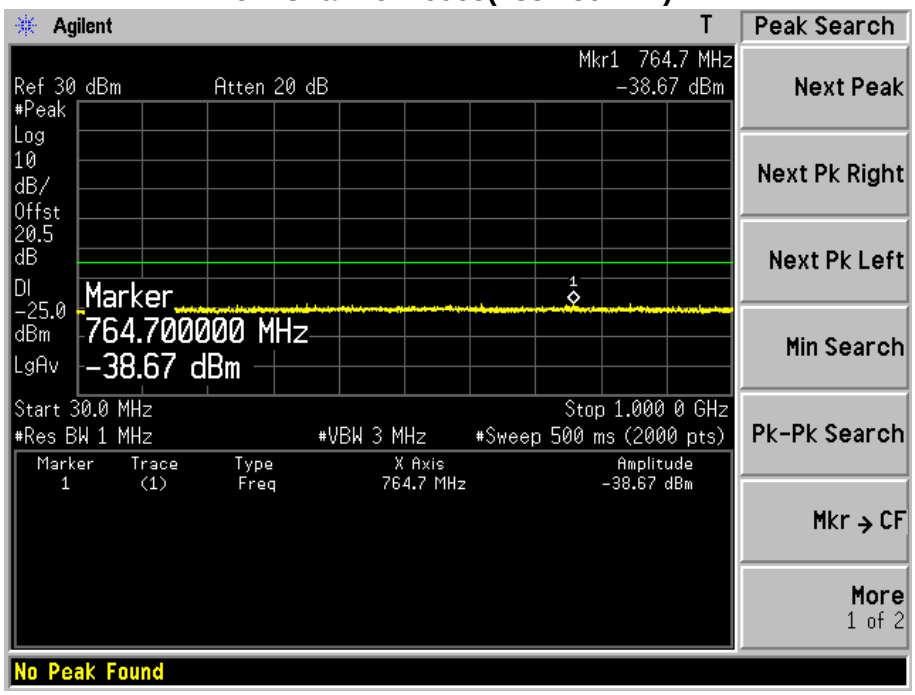
High Channel 26675(1913.50MHz) 1RB24

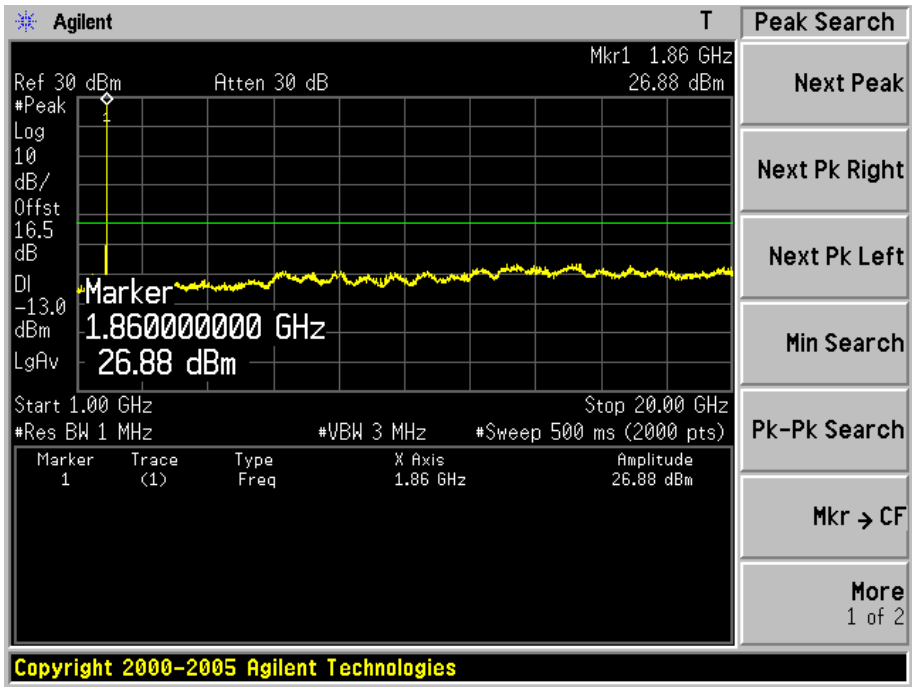




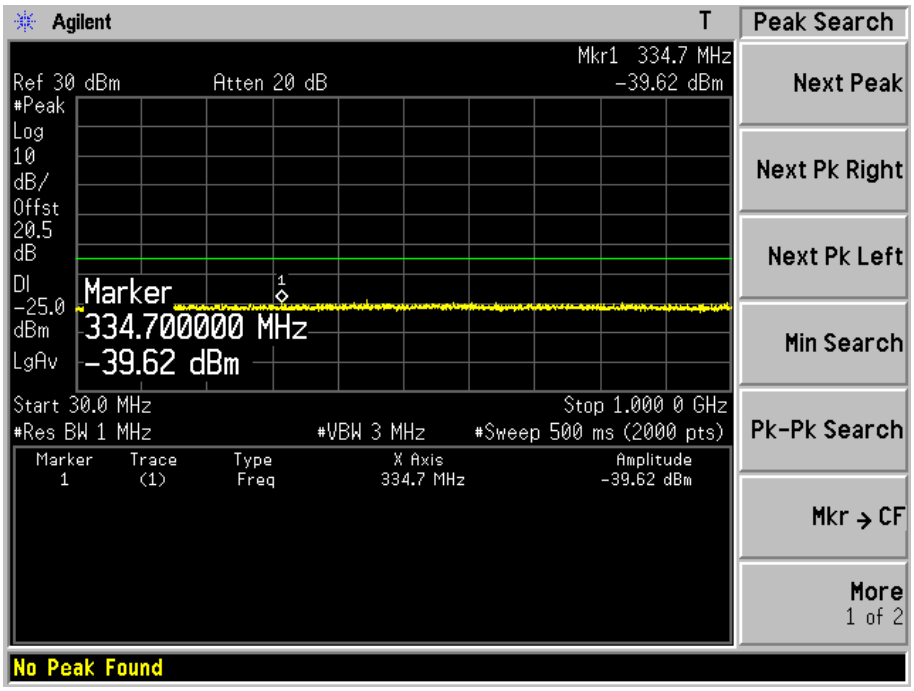
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (5M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

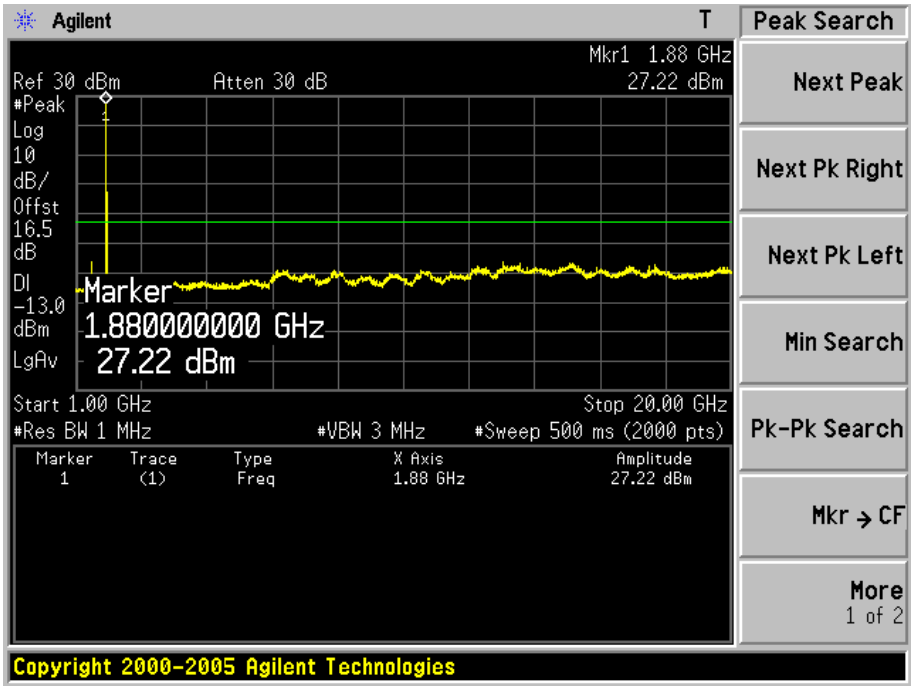
Low Channel 26065(1852.50MHz) 1RB12



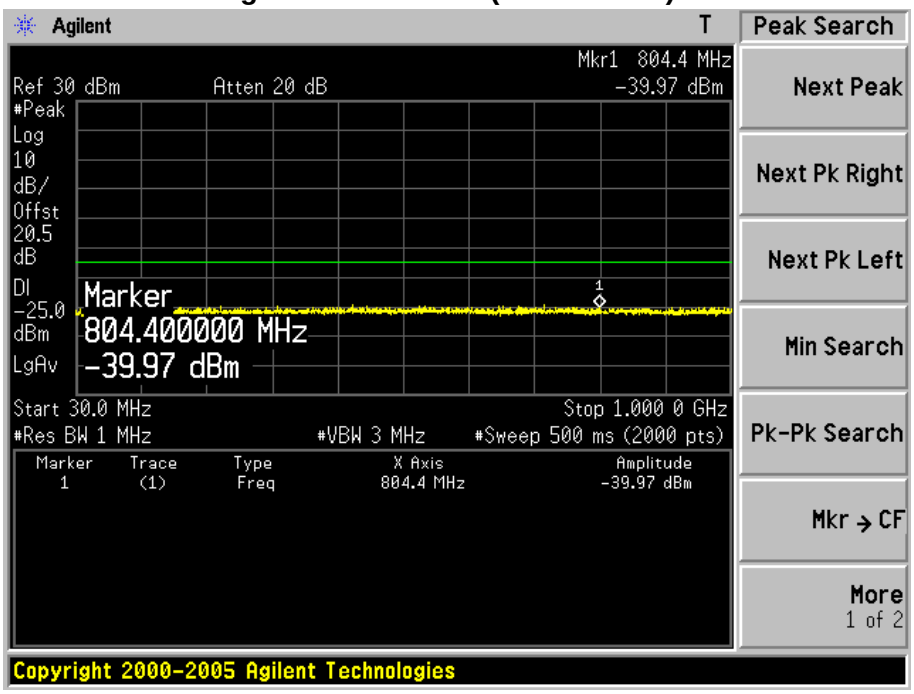


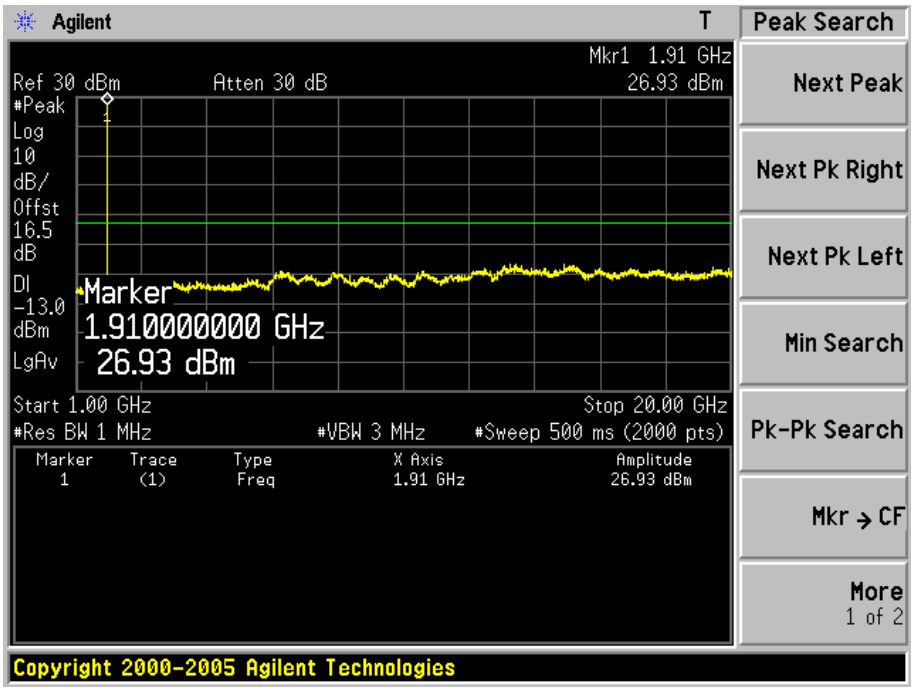
Mid Channel 26340(1880.00MHz) 1RB24





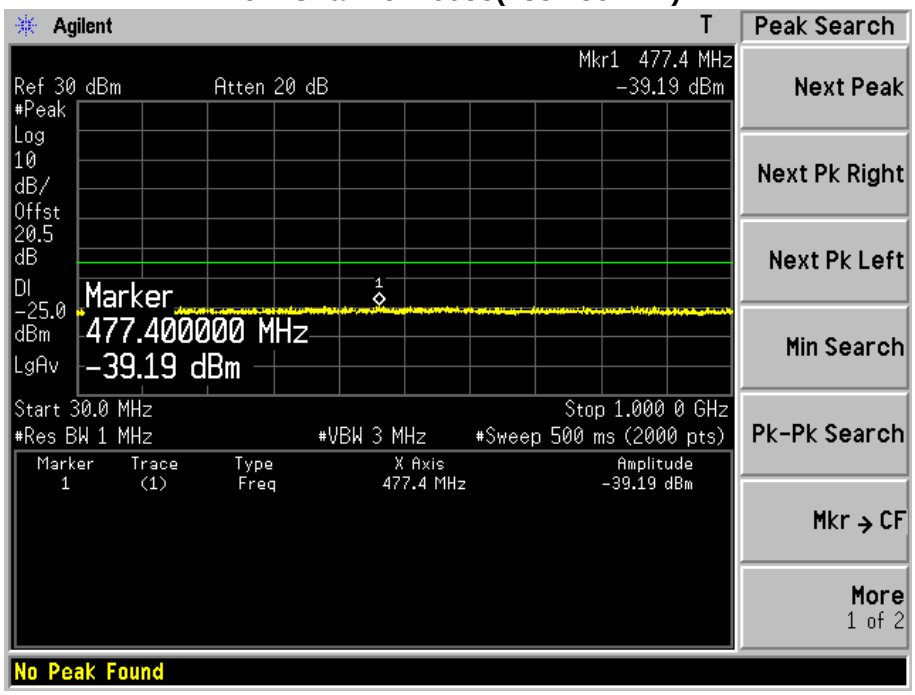
High Channel 26665(1912.50MHz) 1RB24

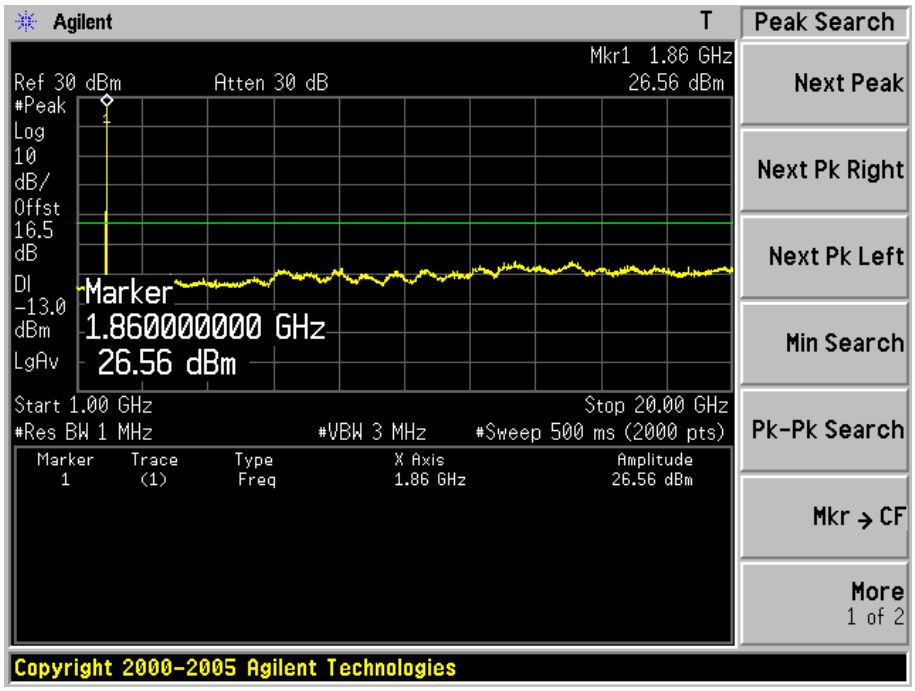




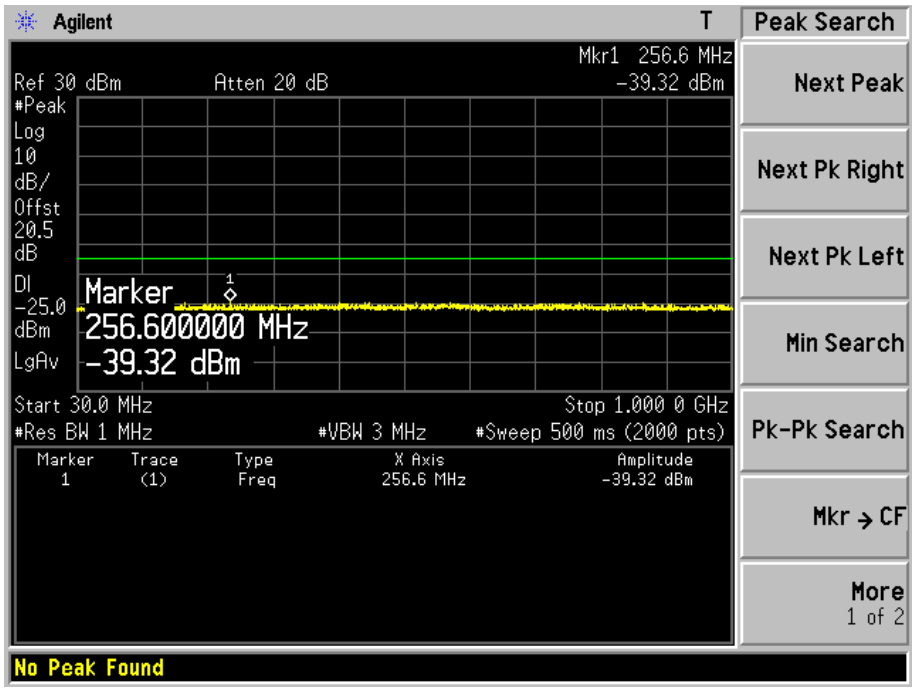
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (3M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

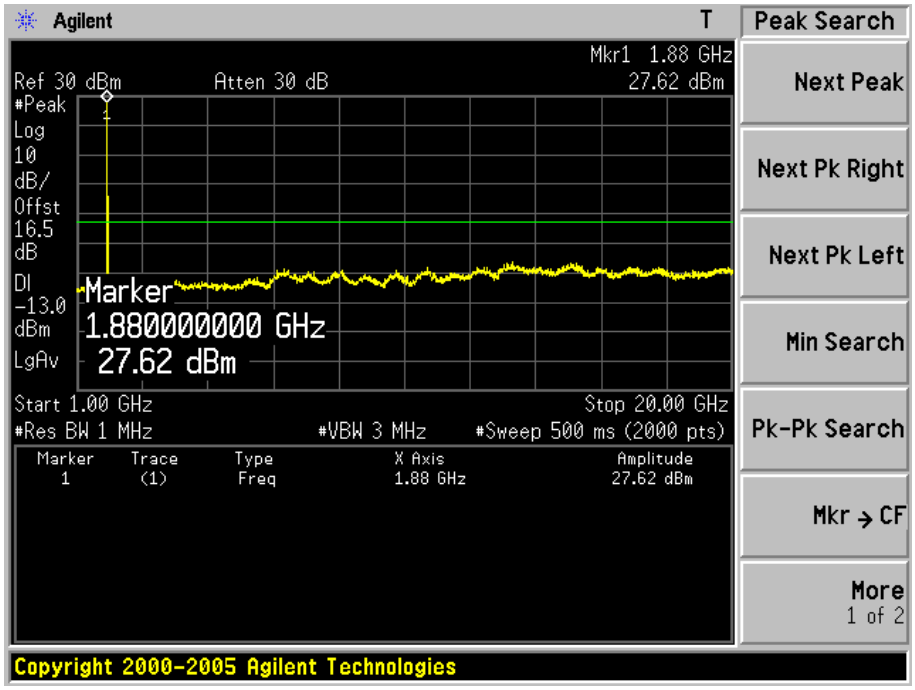
Low Channel 26055(1851.50MHz) 1RB7



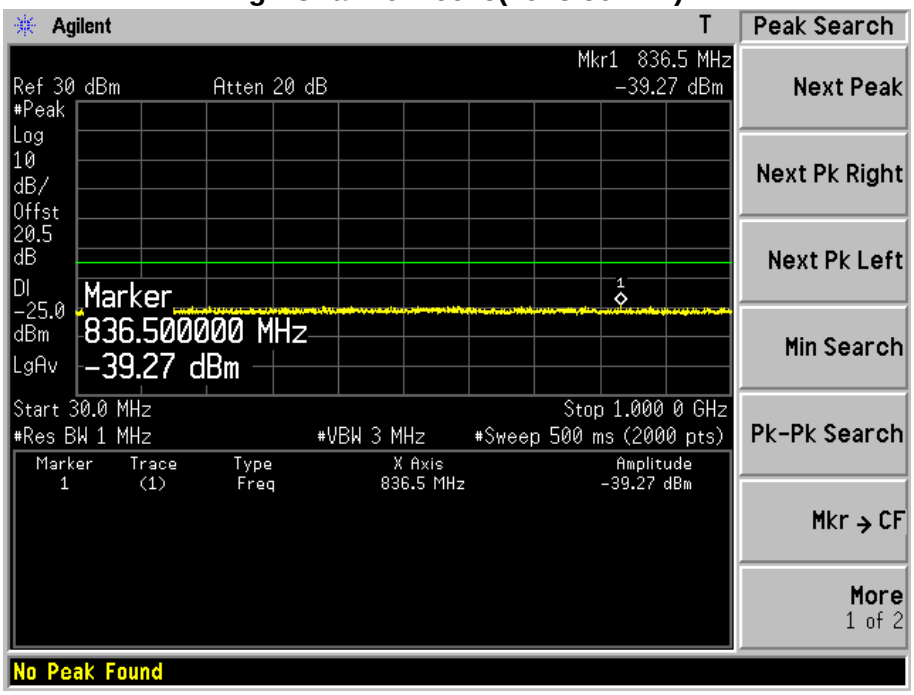


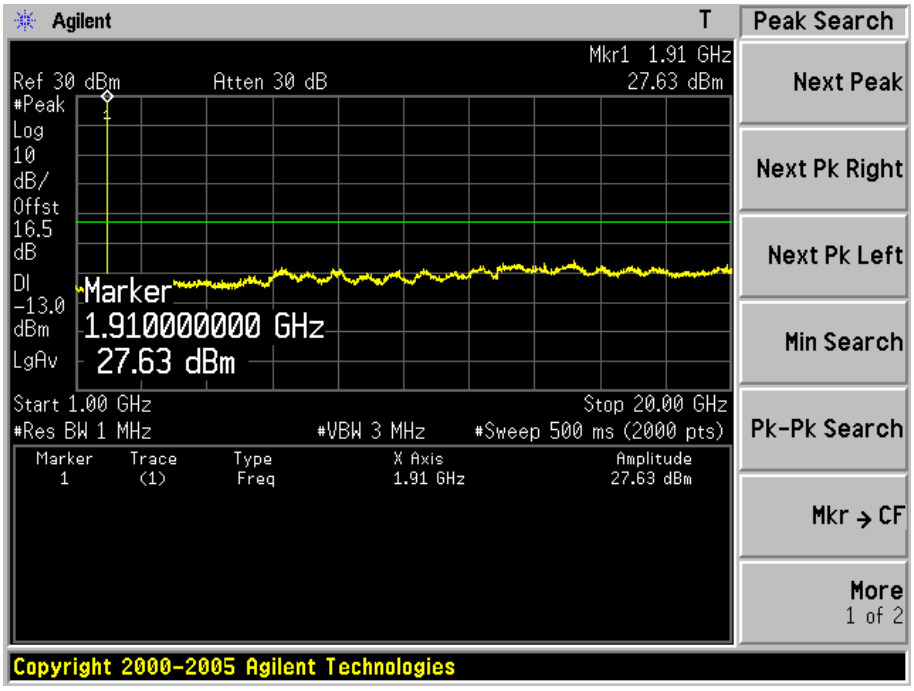
Mid Channel 26340(1880.00MHz) 1RB14





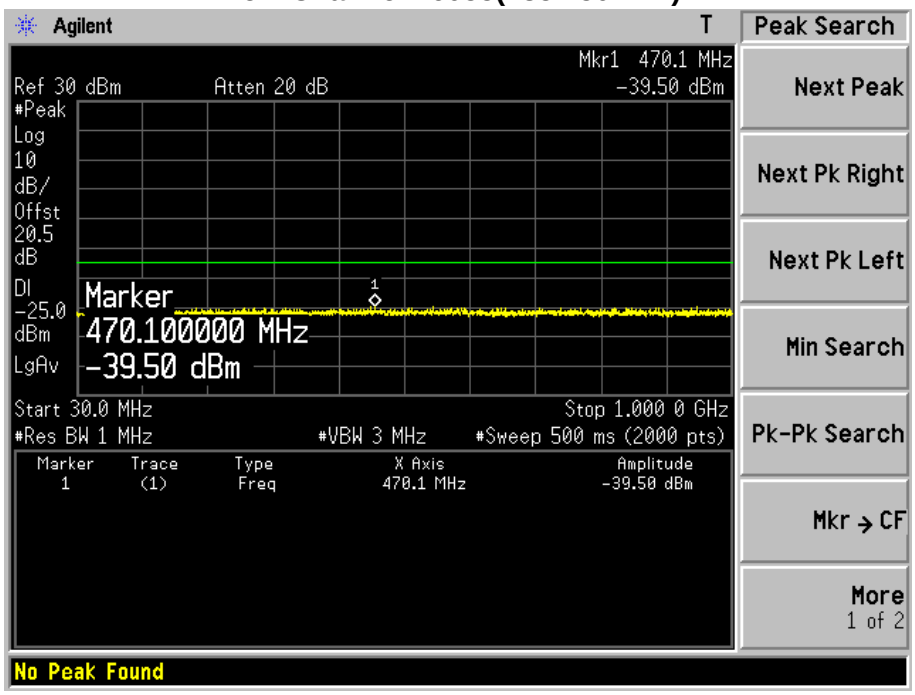
High Channel 26675(1913.50MHz) 1RB7

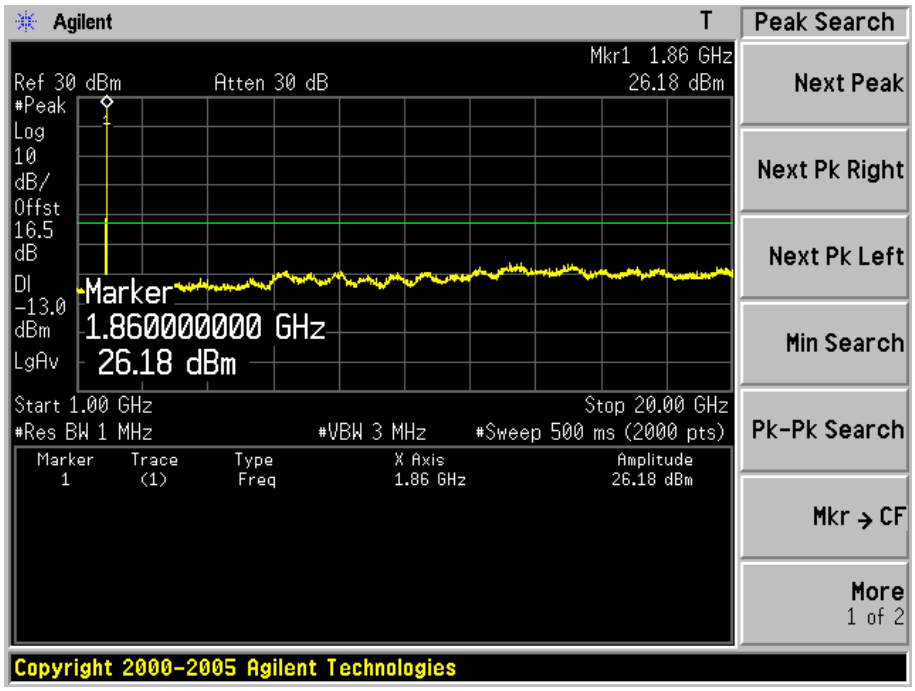




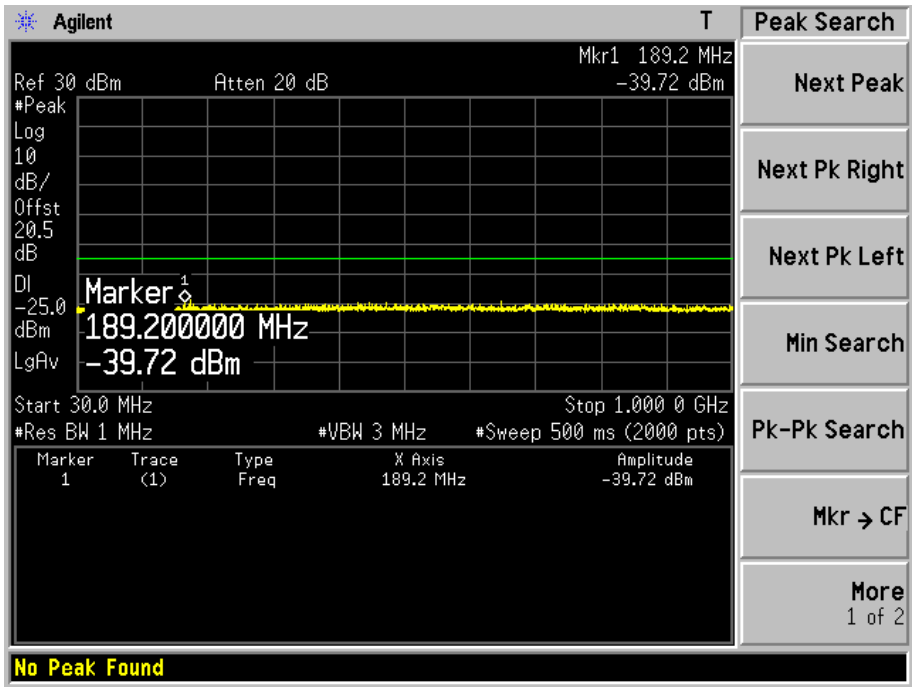
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (3M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

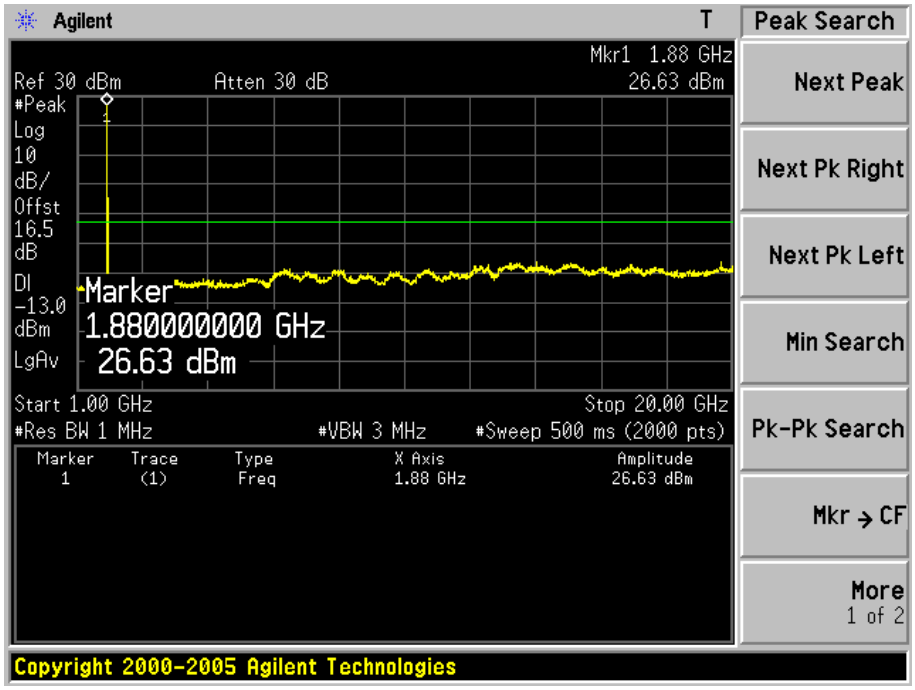
Low Channel 26055(1851.50MHz) 1RB7



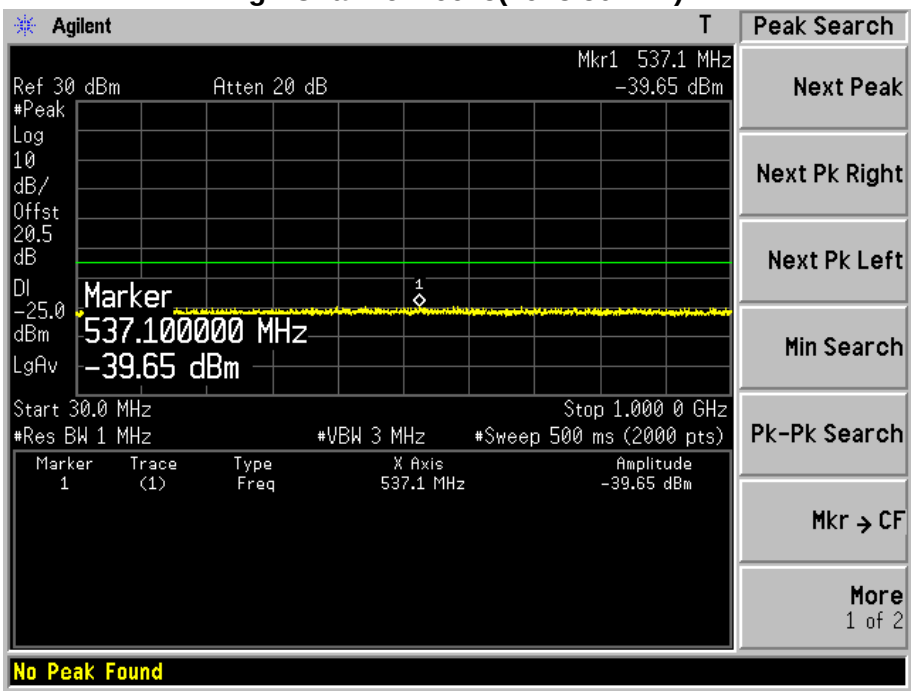


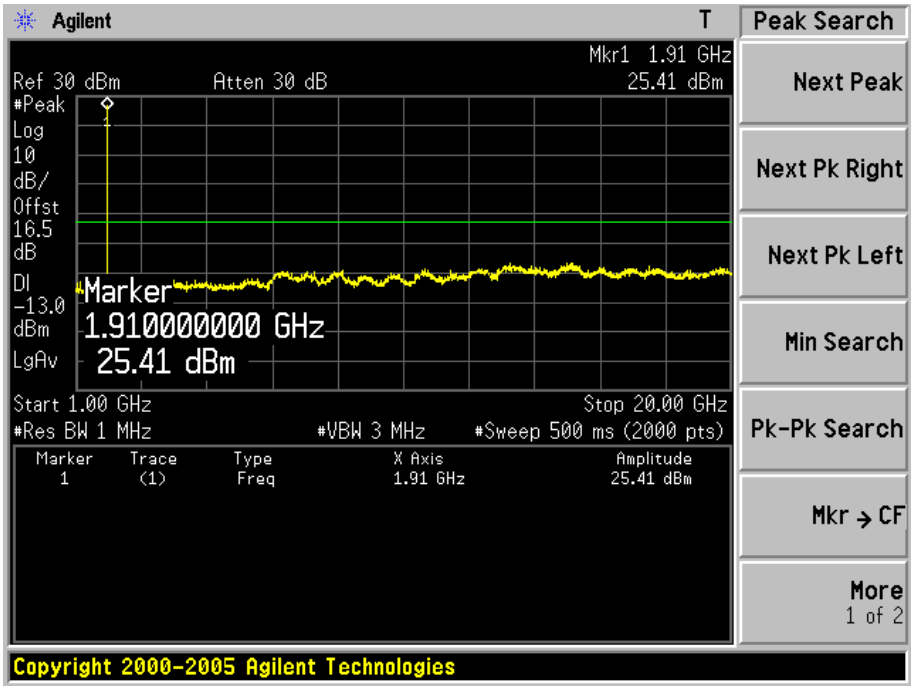
Mid Channel 26340(1880.00MHz) 1RB14





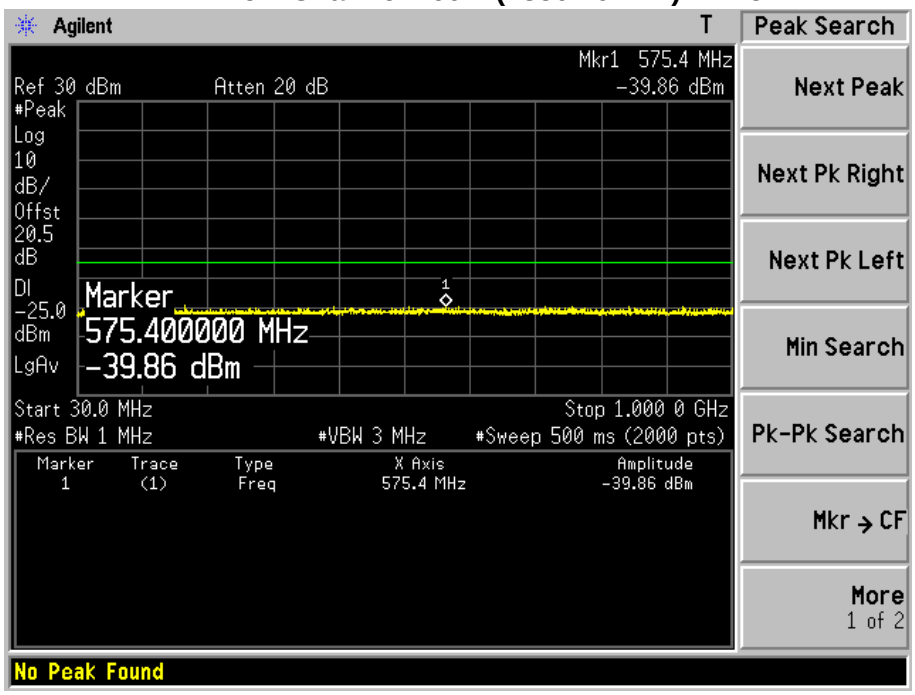
High Channel 26675(1913.50MHz) 1RB7

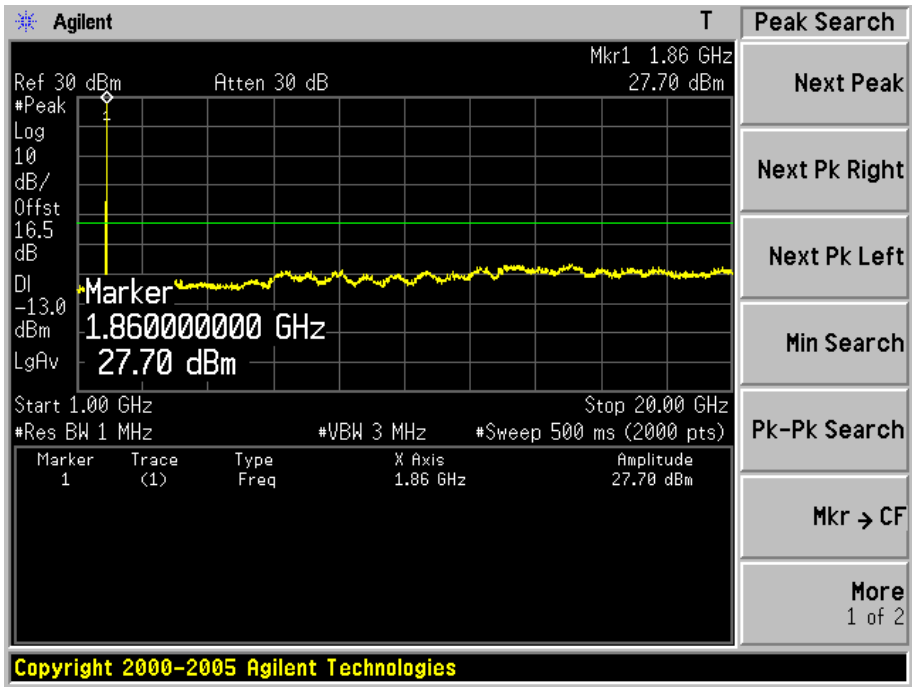




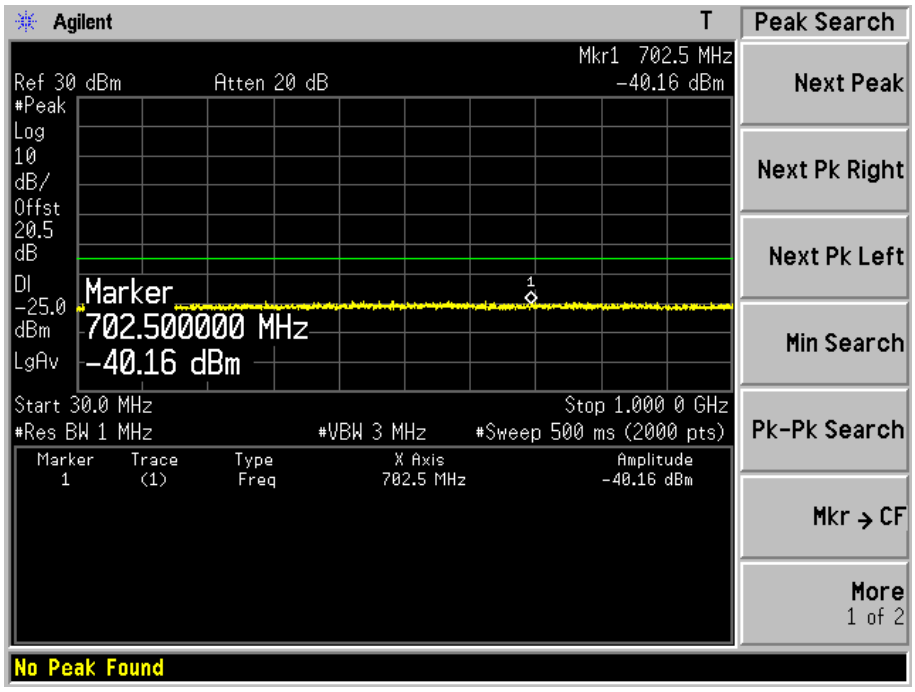
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (1.4M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

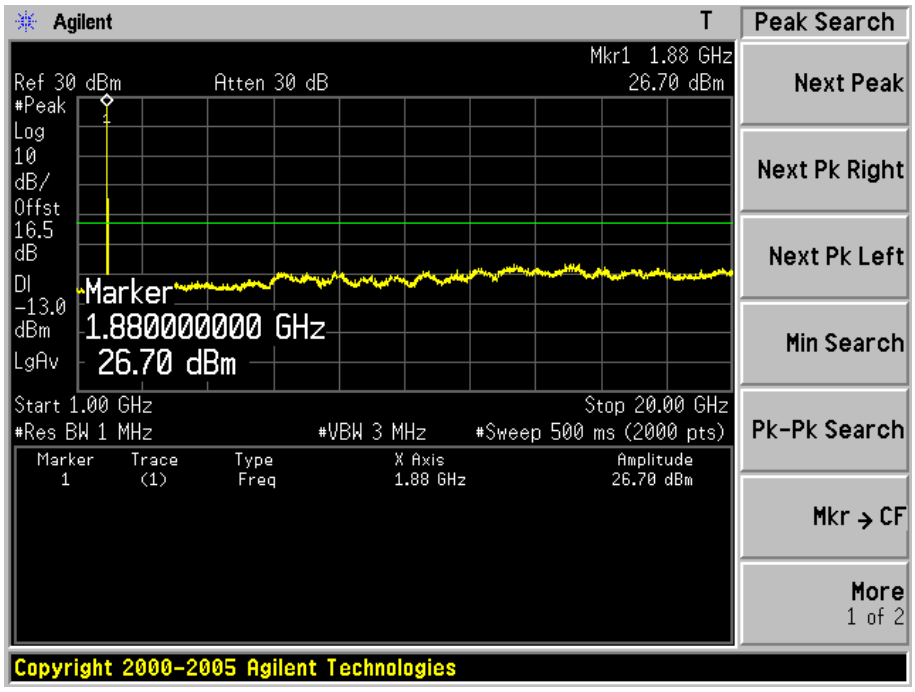
Low Channel 26047(1850.70MHz) 1RB5



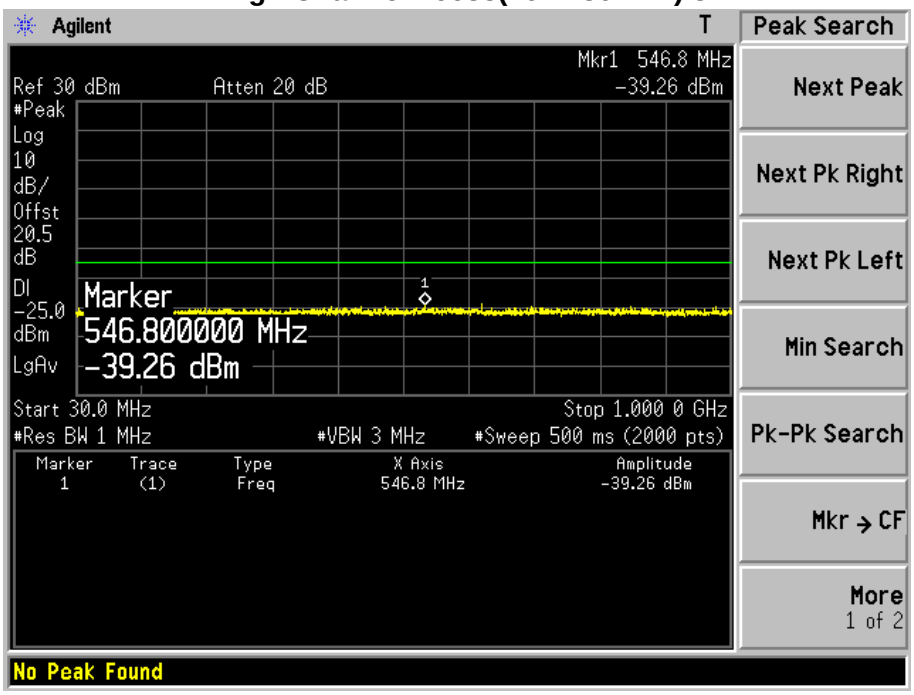


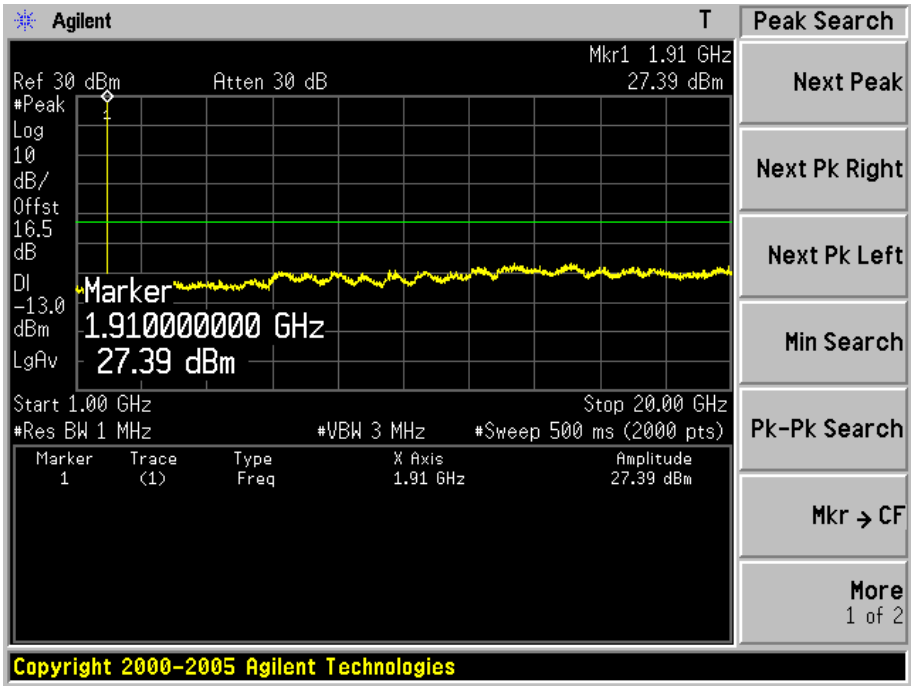
Mid Channel 26340(1880.00MHz) 1RB0





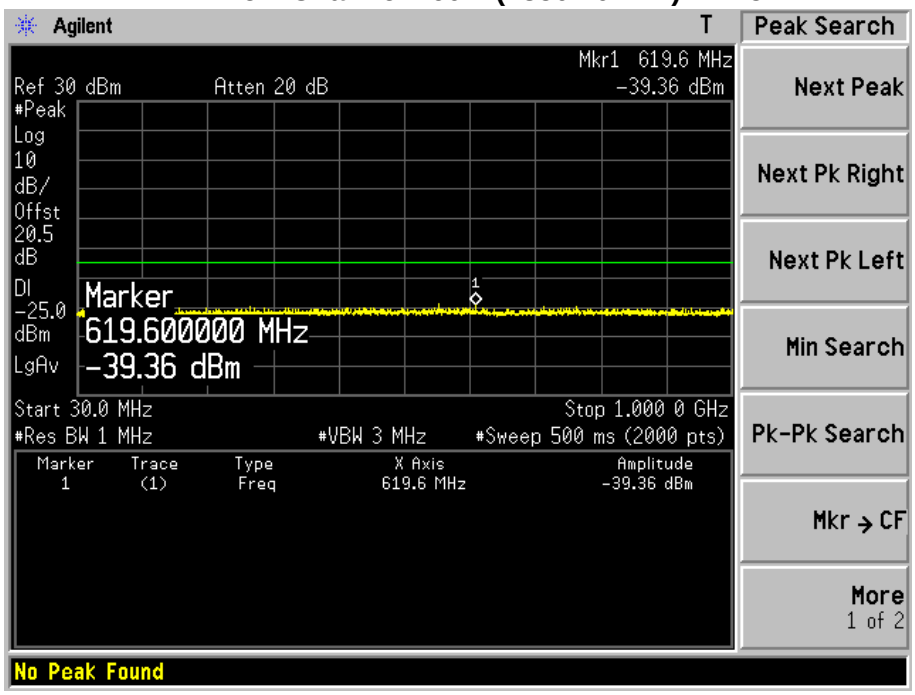
High Channel 26683(1914.30MHz) 3RB2

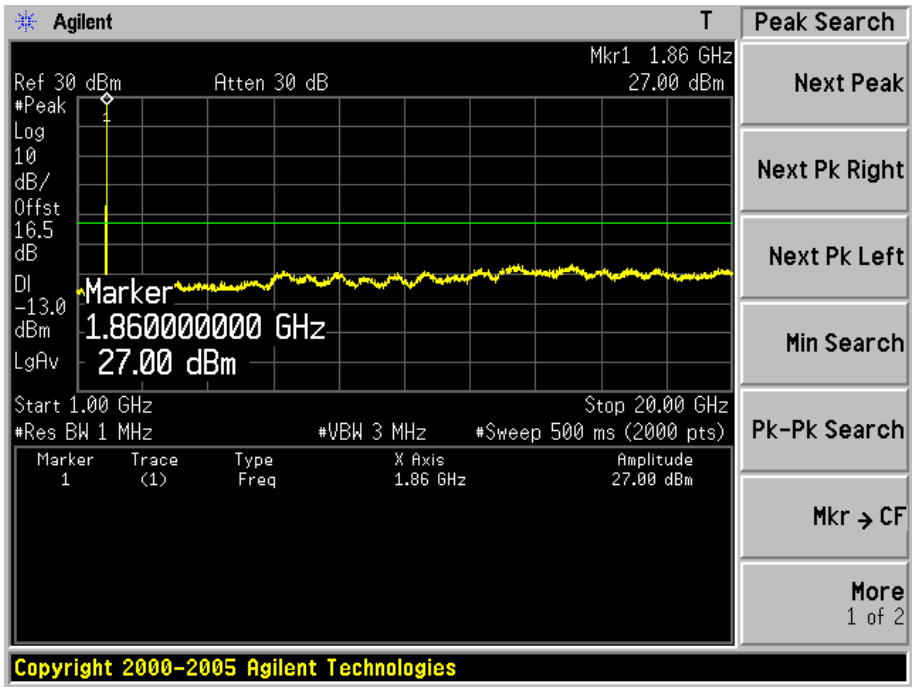




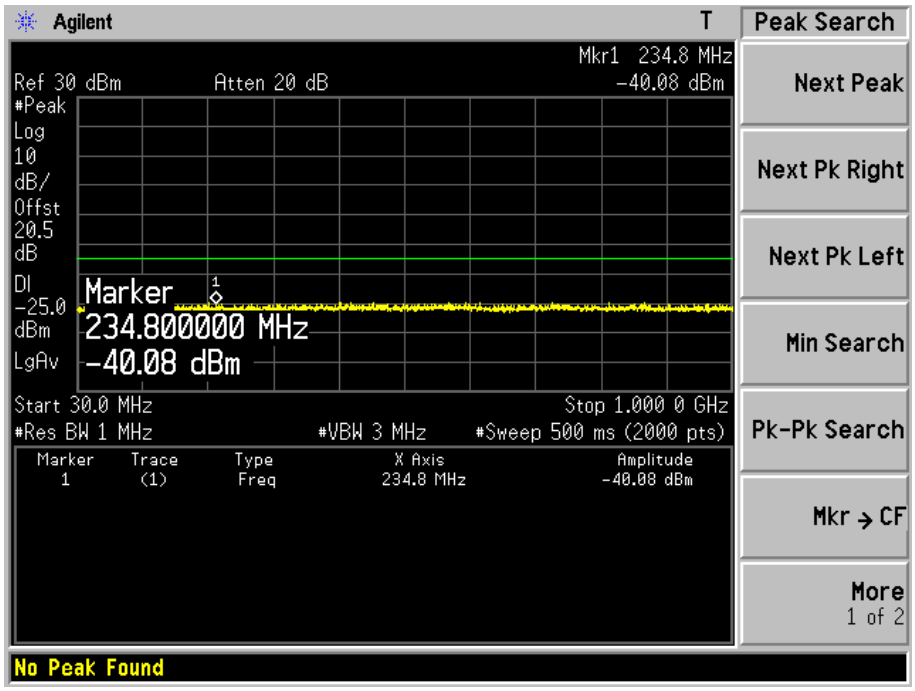
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (1.4M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

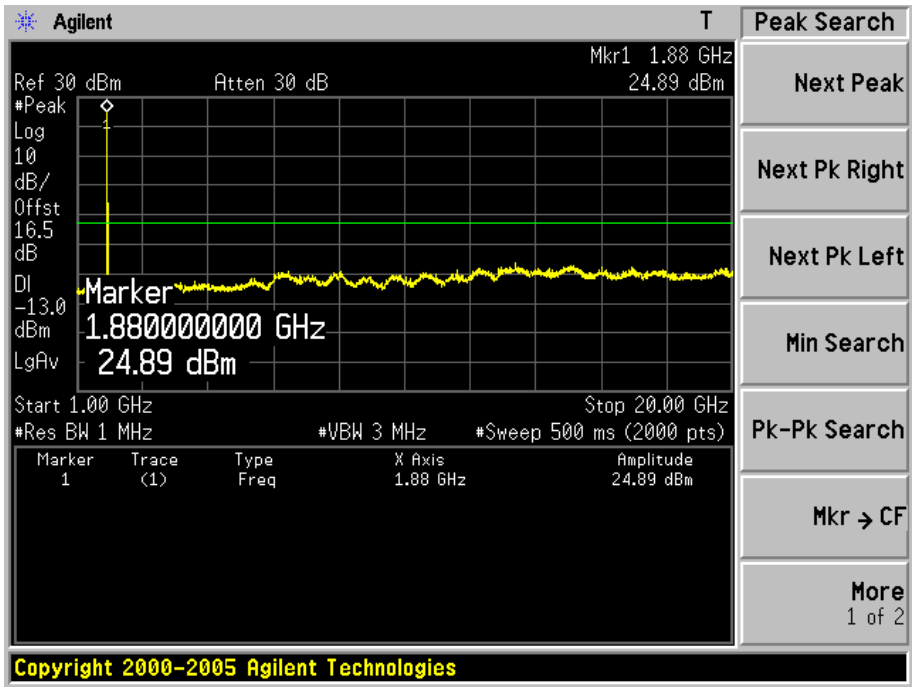
Low Channel 26047(1850.70MHz) 1RB5



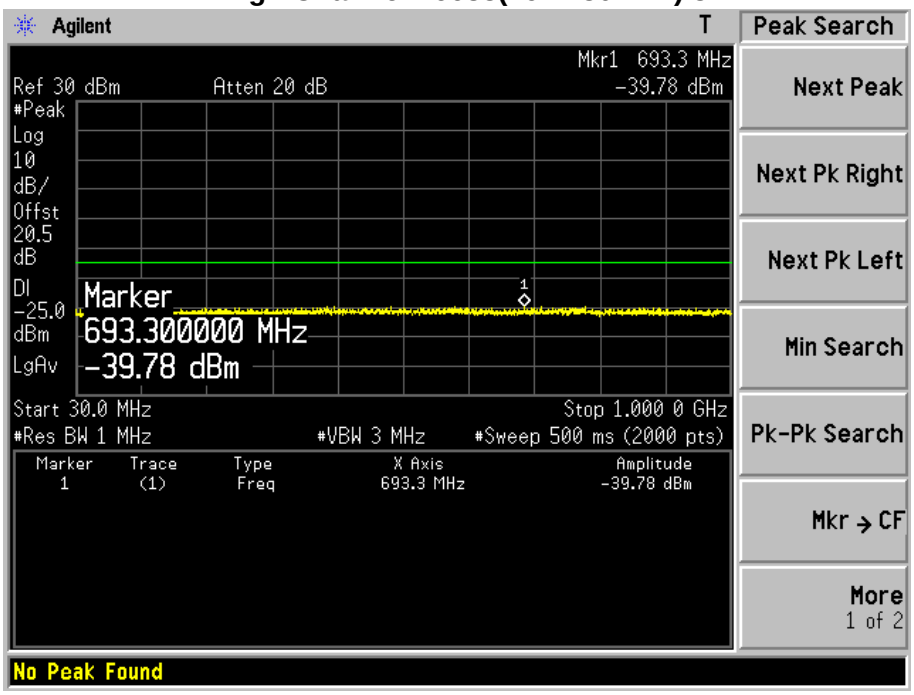


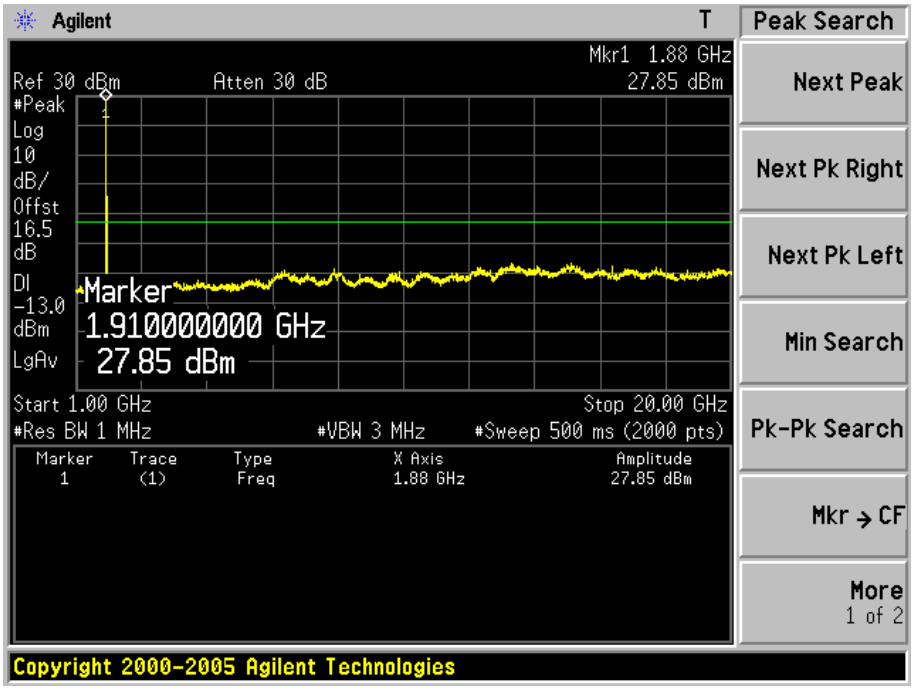
Mid Channel 26340(1880.00MHz) 1RB0





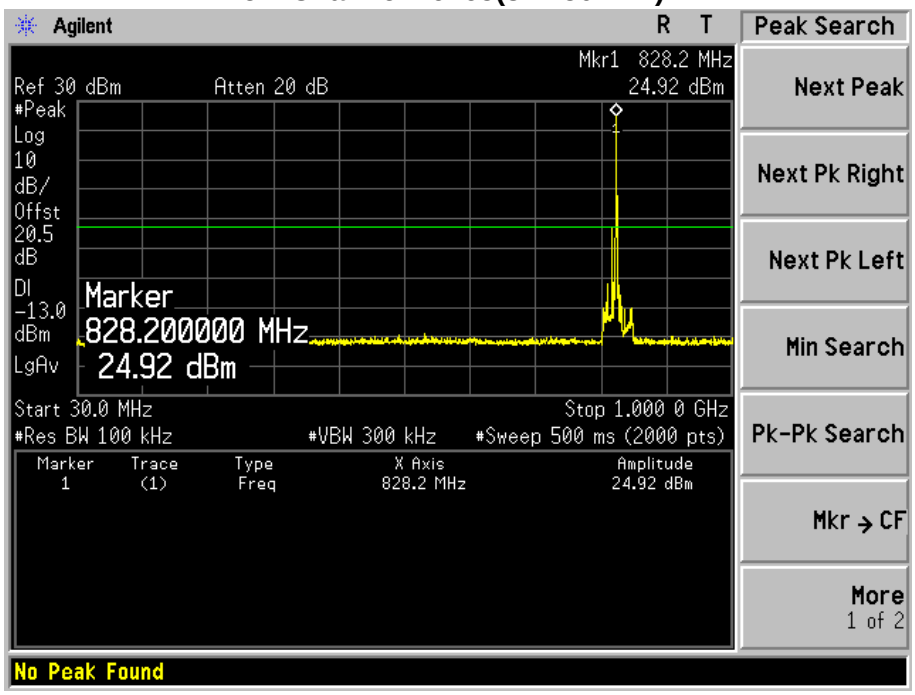
High Channel 26683(1914.30MHz) 3RB2

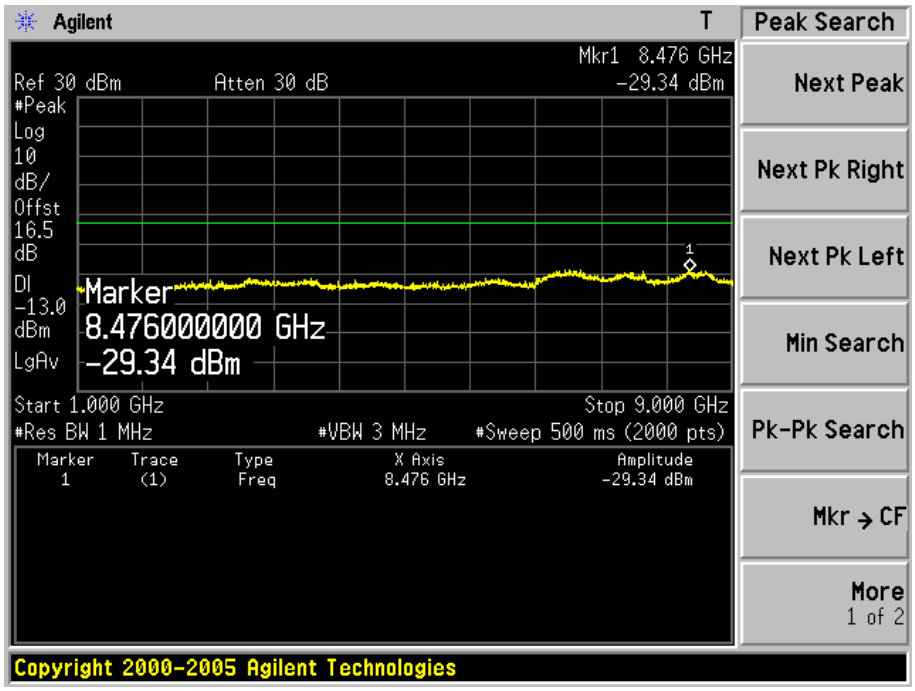




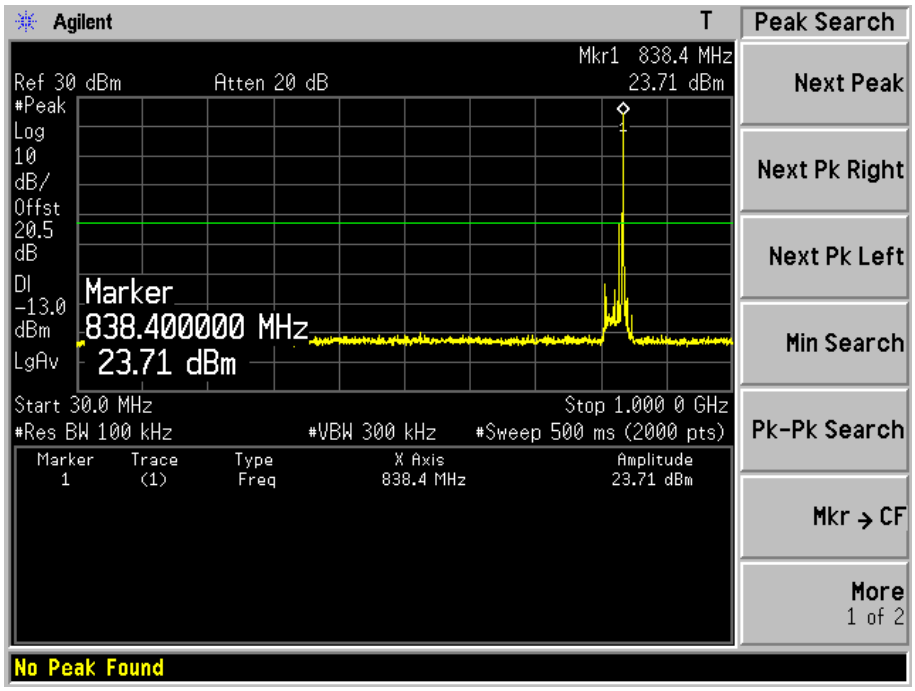
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (15M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

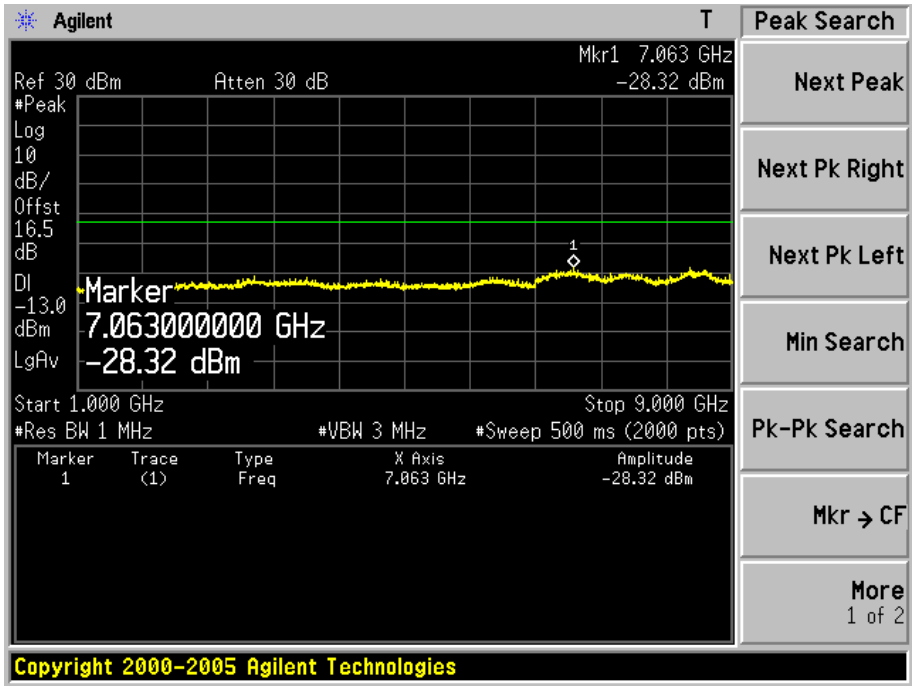
Low Channel 26765(821.50MHz) 1RB74



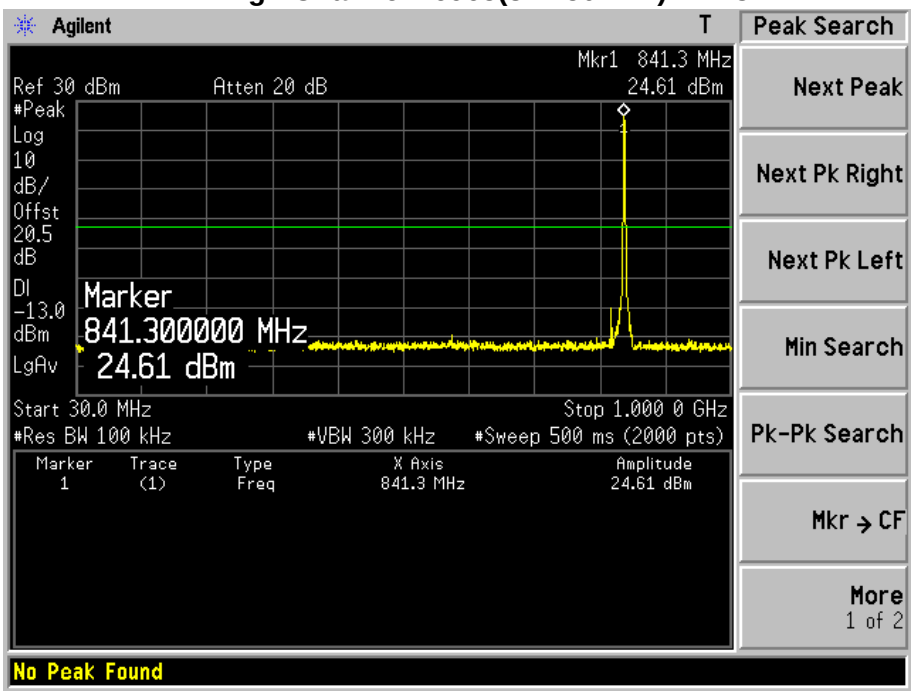


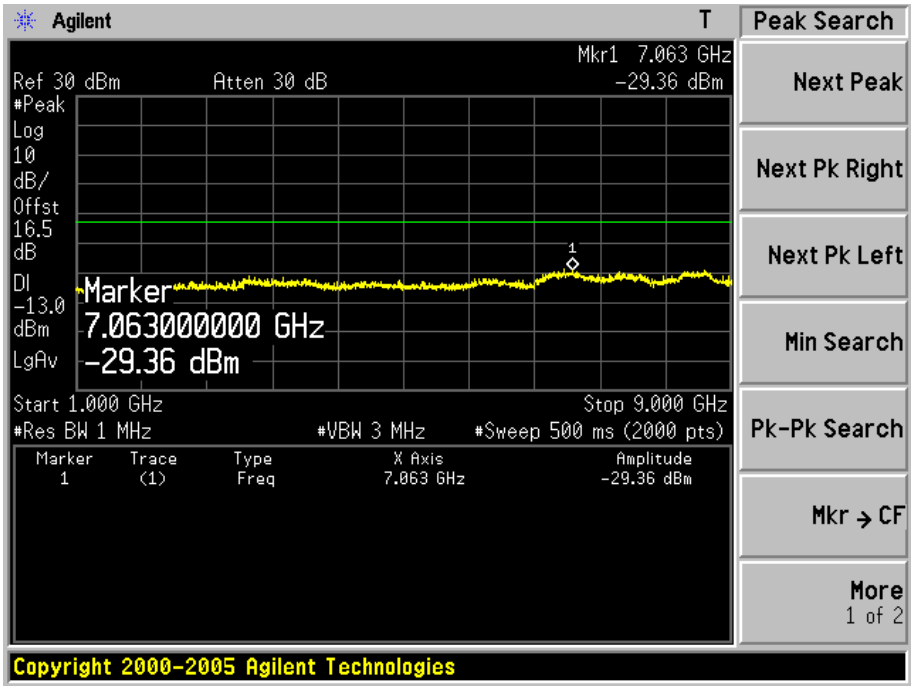
Mid Channel 26865(831.50MHz) 1RB74





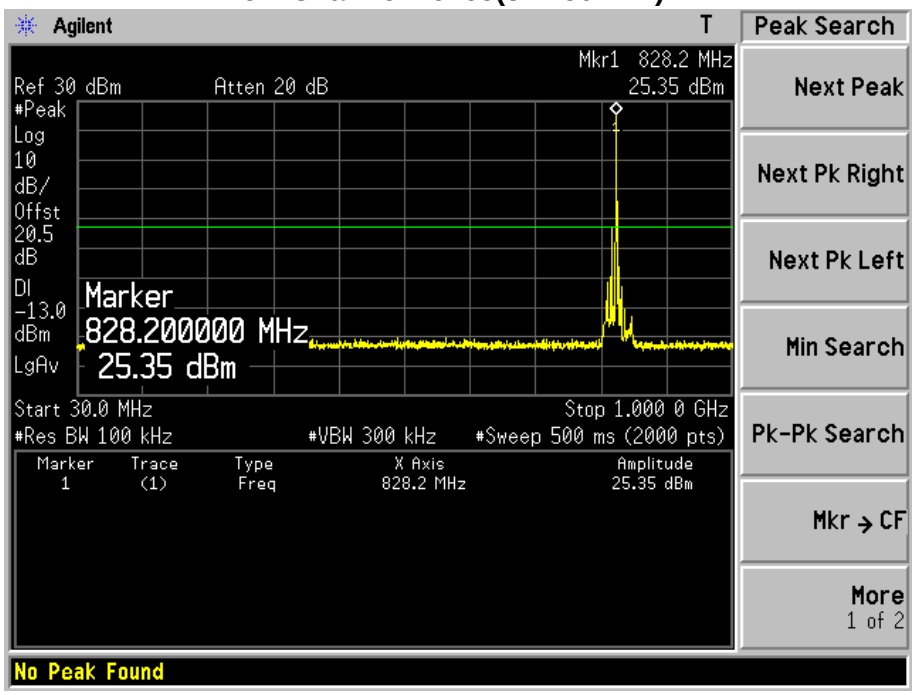
High Channel 26965(841.50MHz) 1RB37

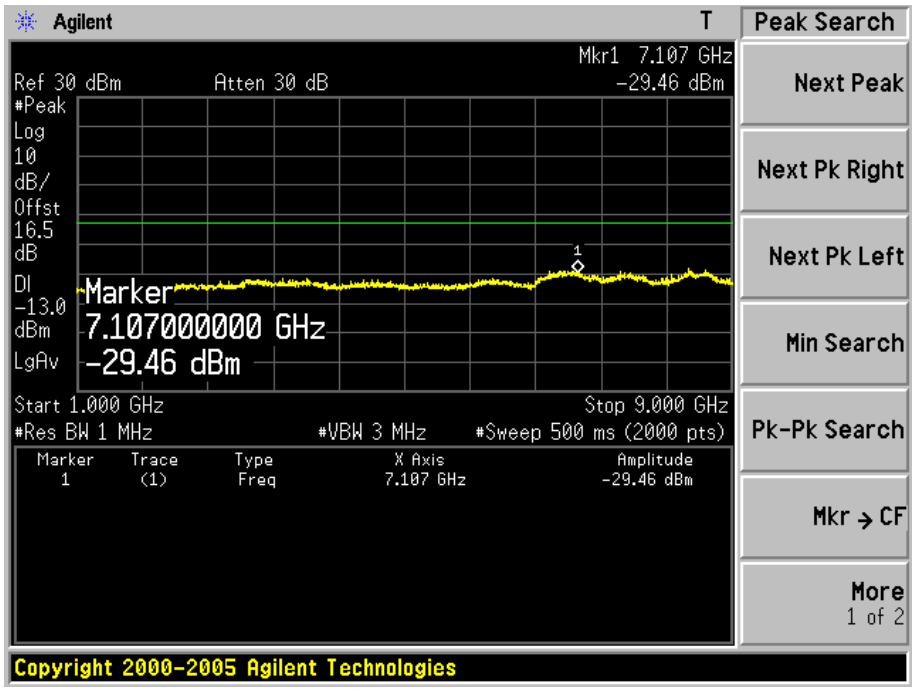




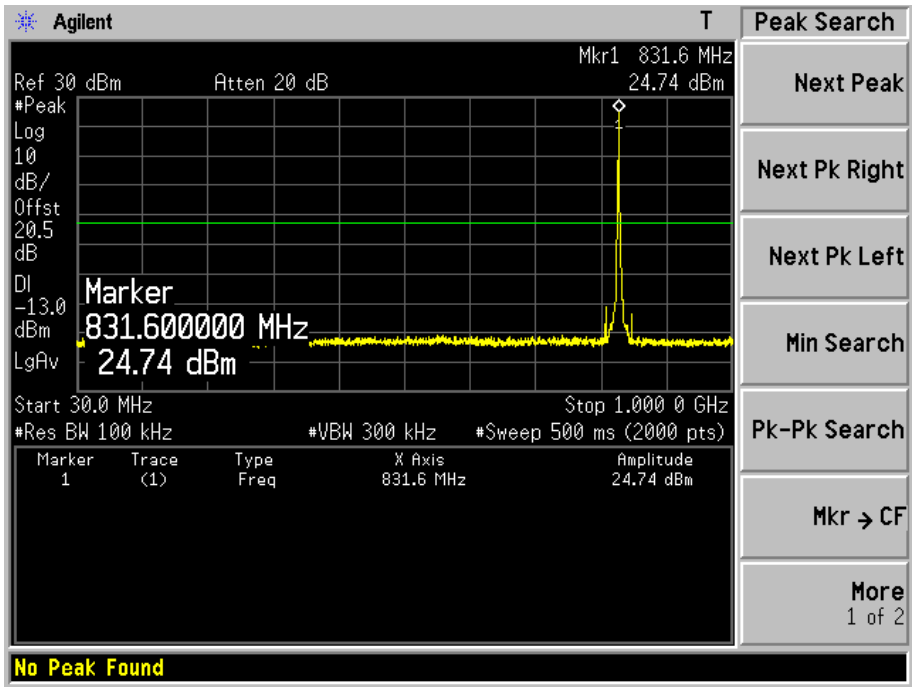
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (15M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

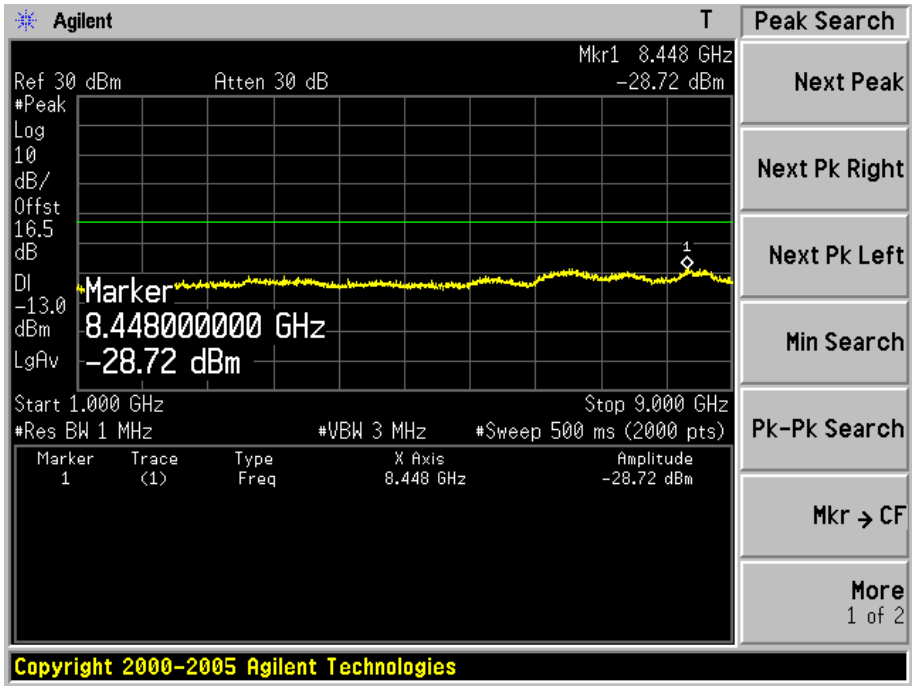
Low Channel 26765(821.50MHz) 1RB74



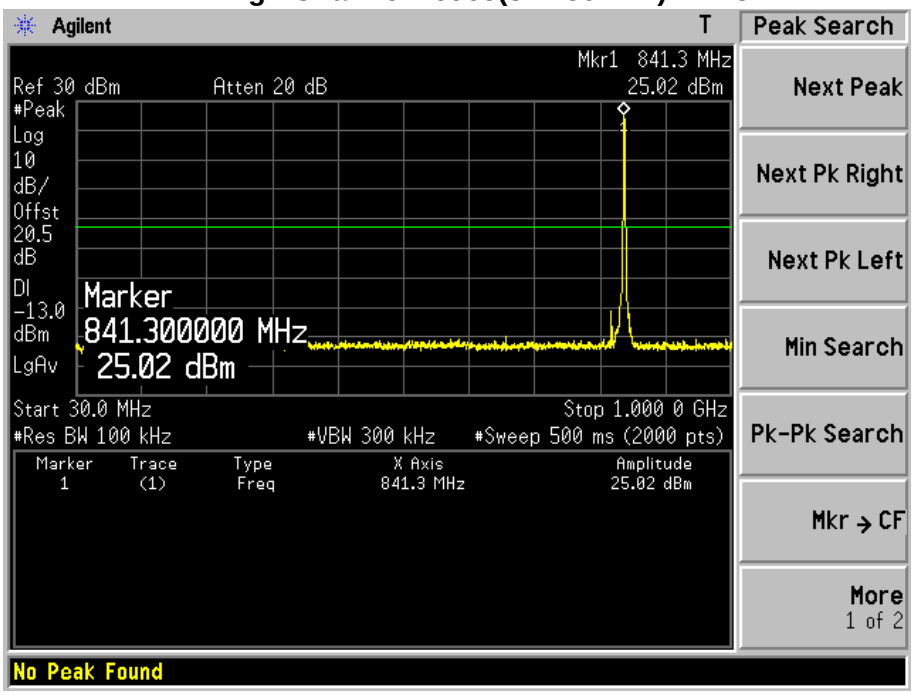


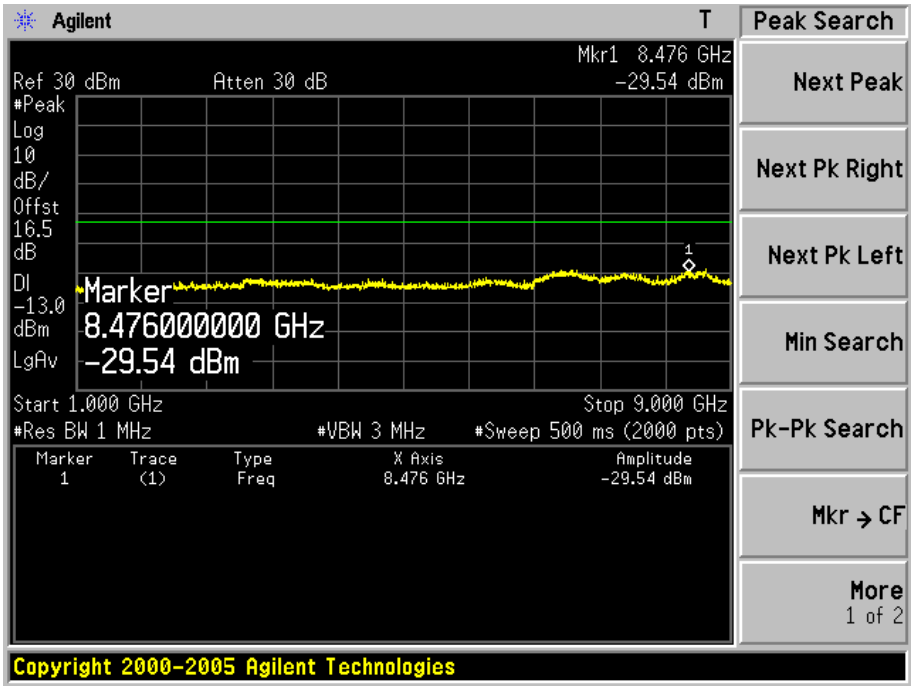
Mid Channel 26865(831.50MHz) 1RB37





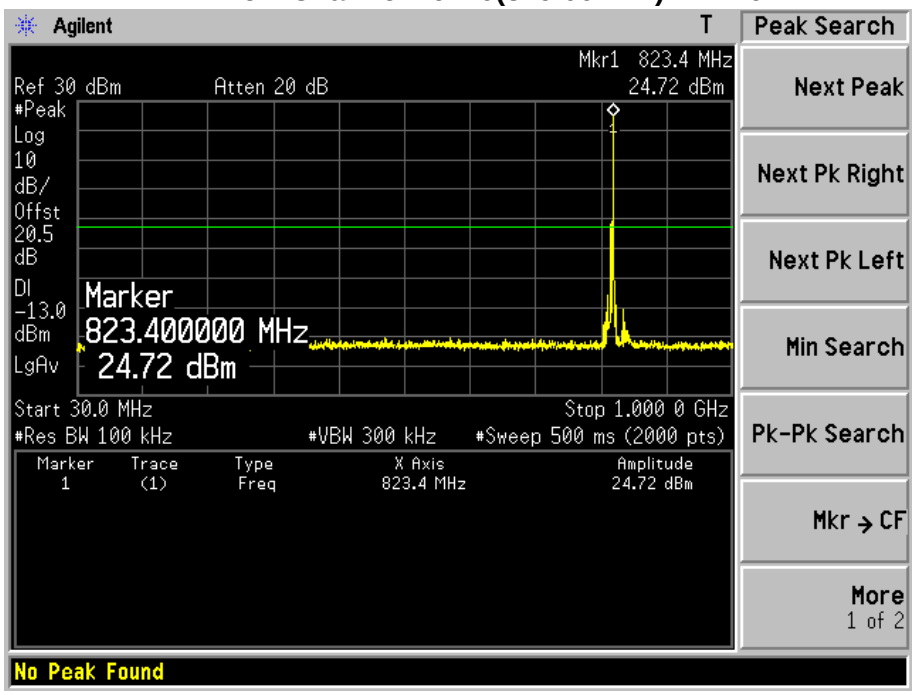
High Channel 26965(841.50MHz) 1RB37

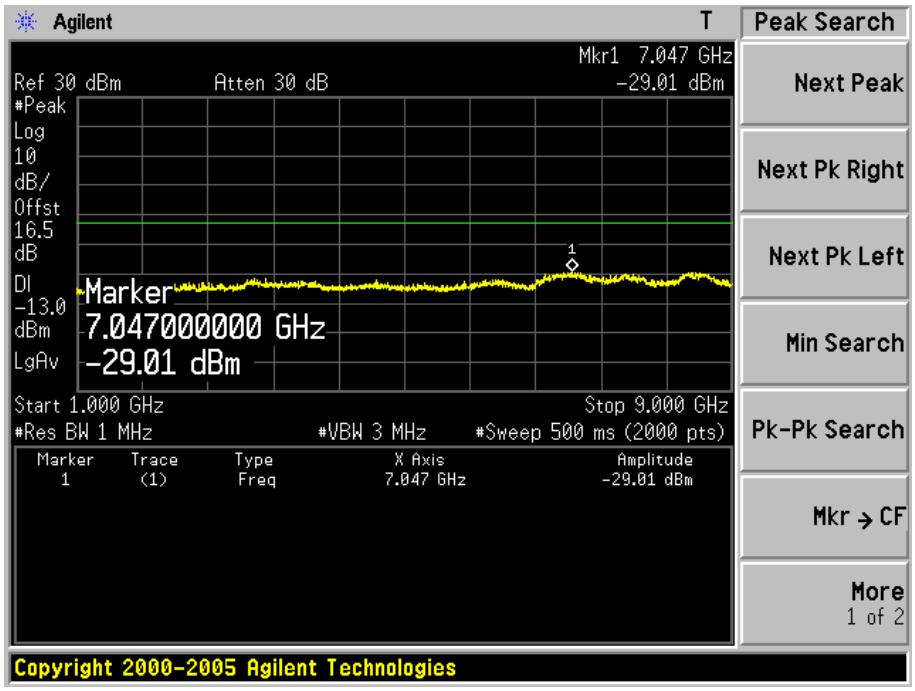




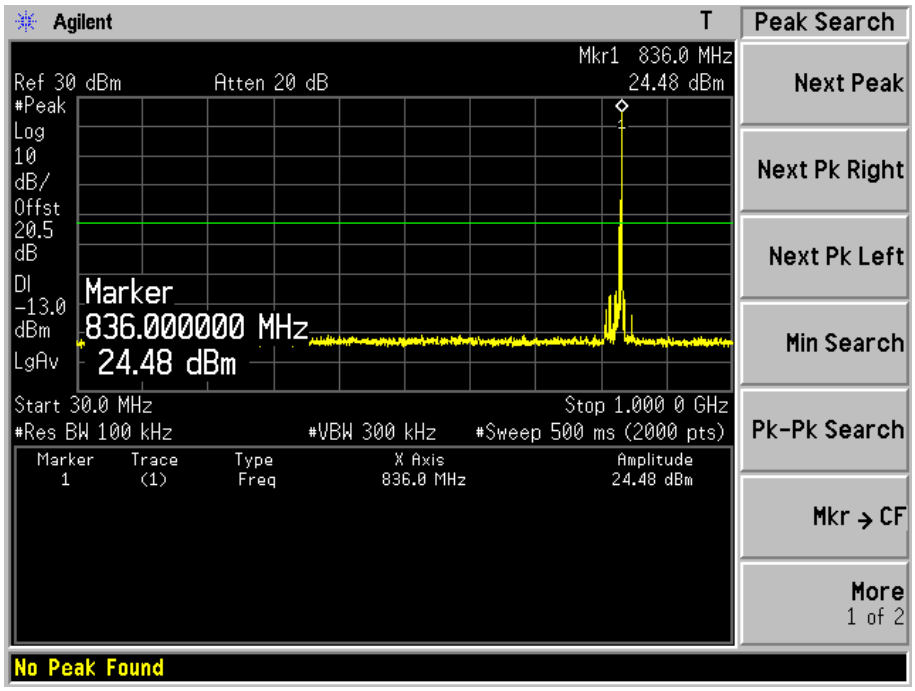
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (10M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

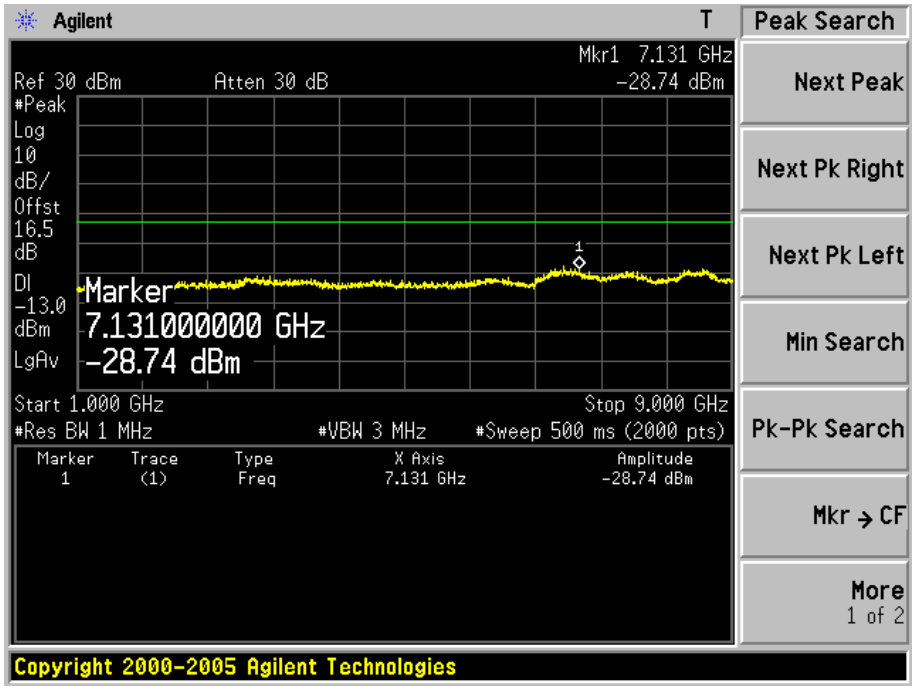
Low Channel 26740(819.00MHz) 1RB49



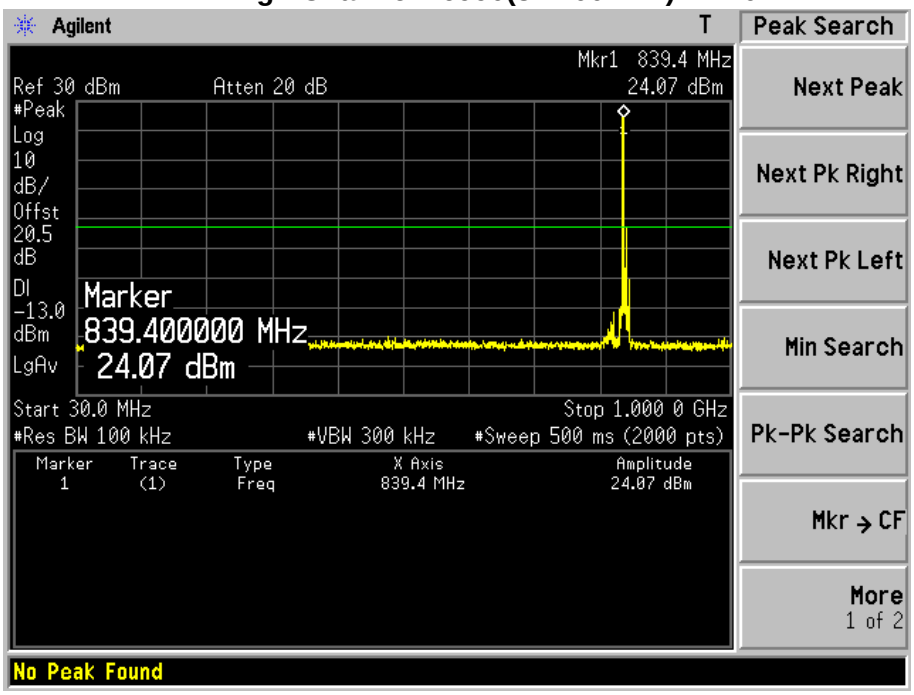


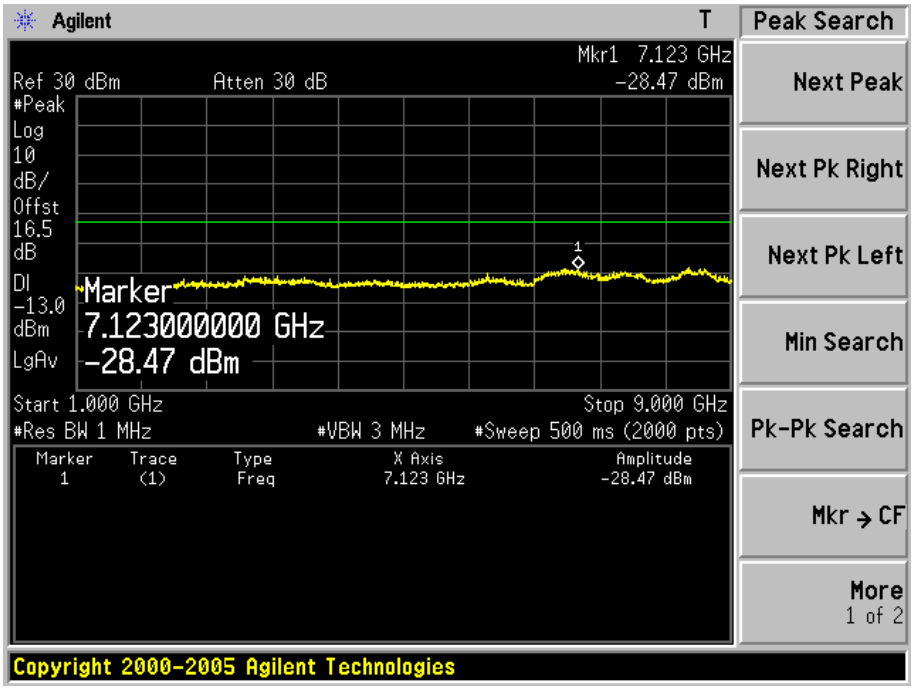
Mid Channel 26865(831.50MHz) 1RB49





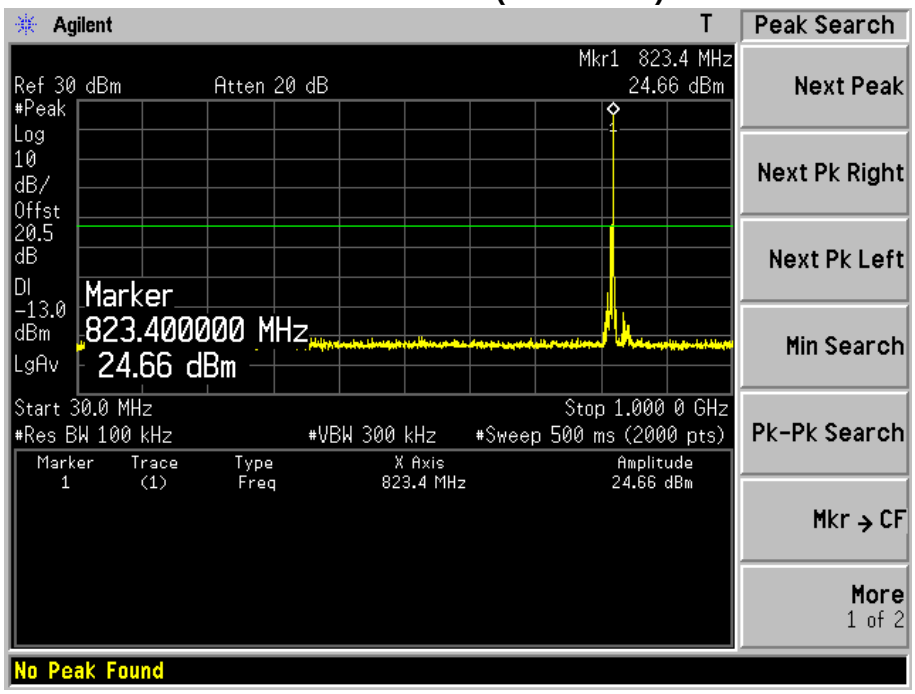
High Channel 26990(844.00MHz) 1RB0

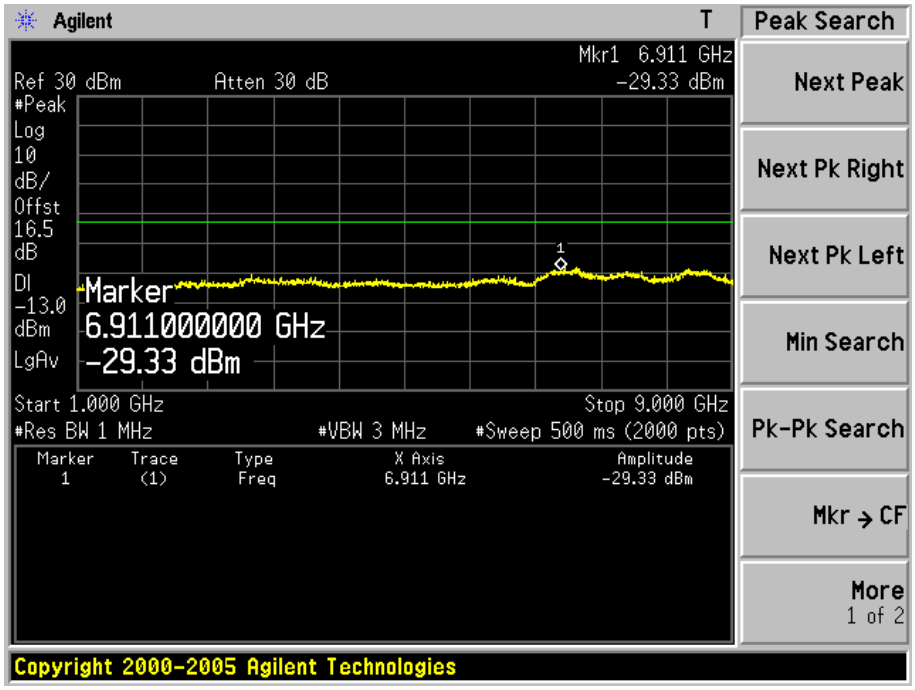




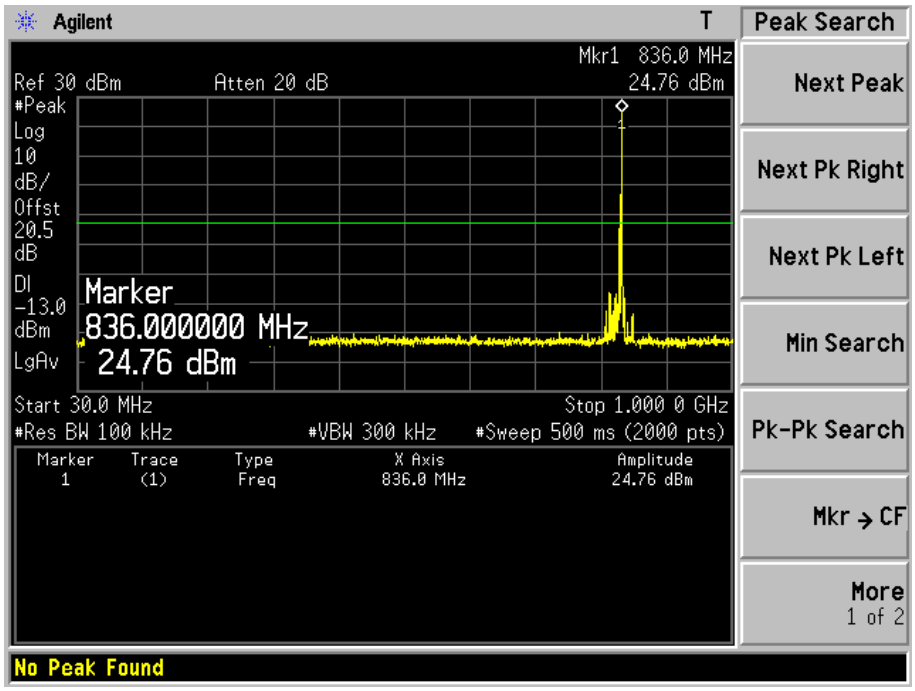
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (10M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

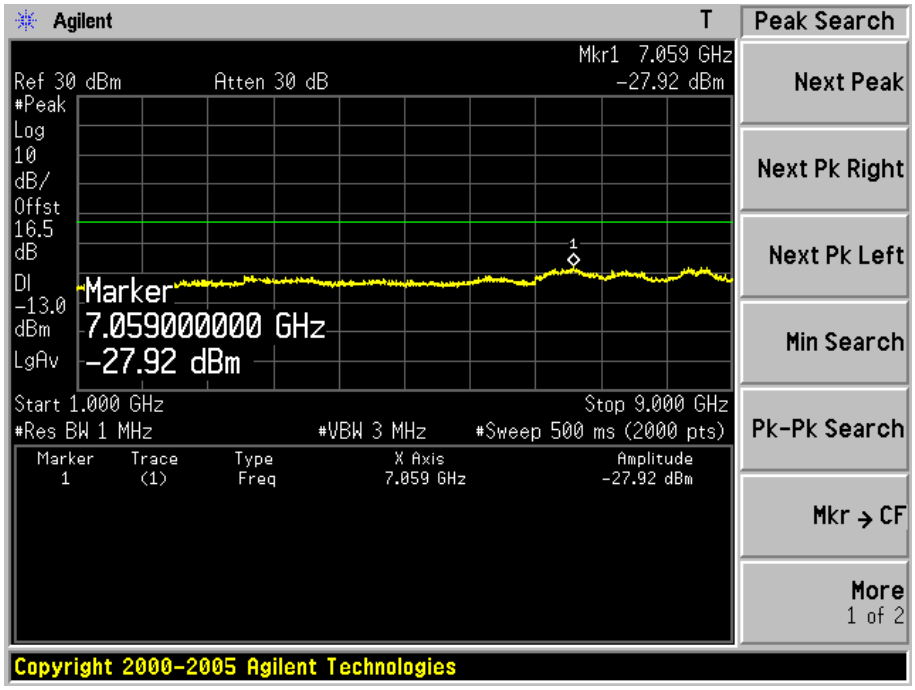
Low Channel 26740(819.00MHz) 1RB49



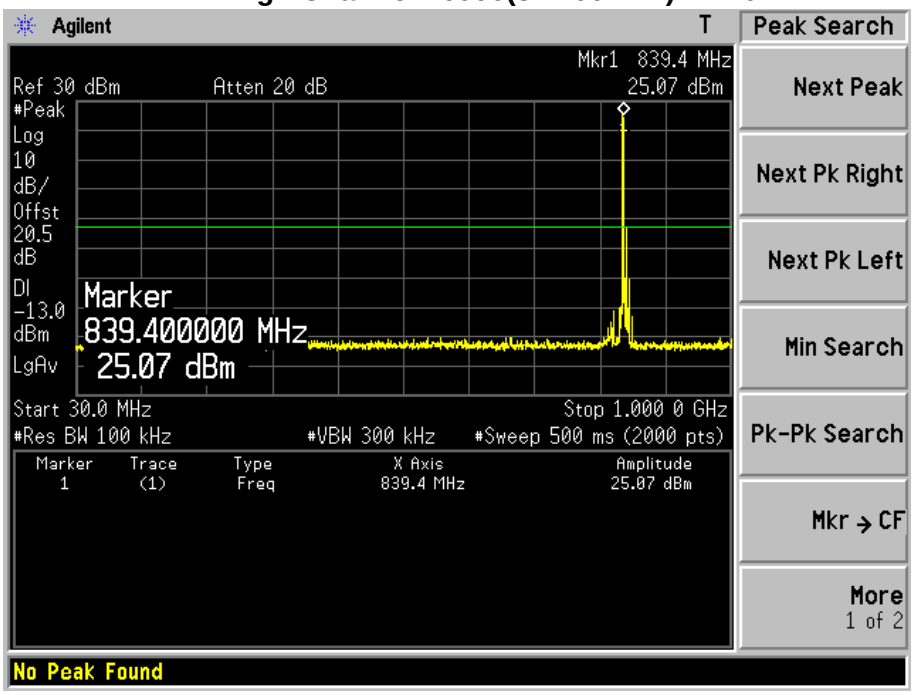


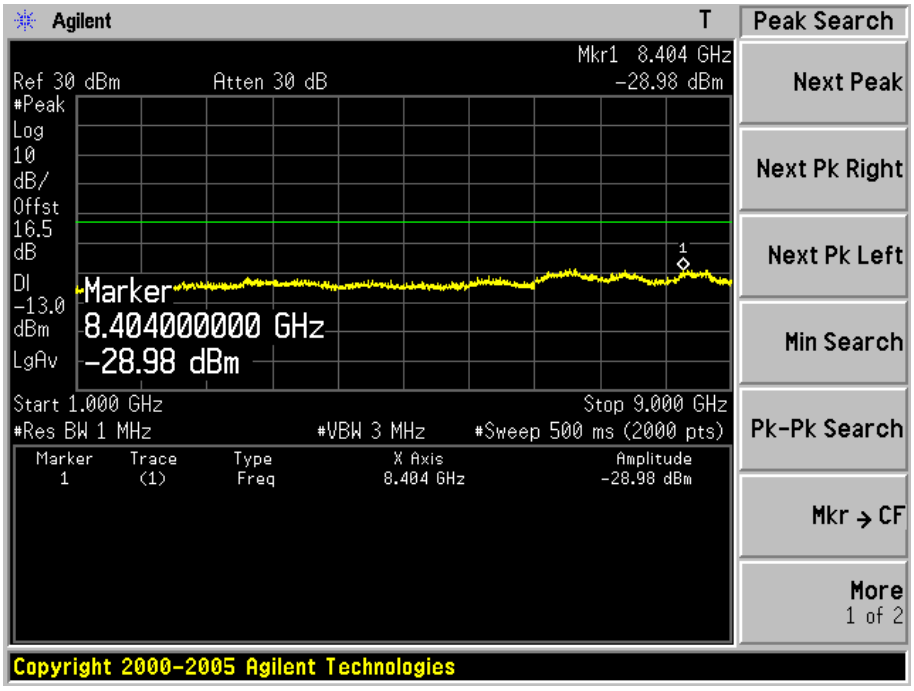
Mid Channel 26865(831.50MHz) 1RB49





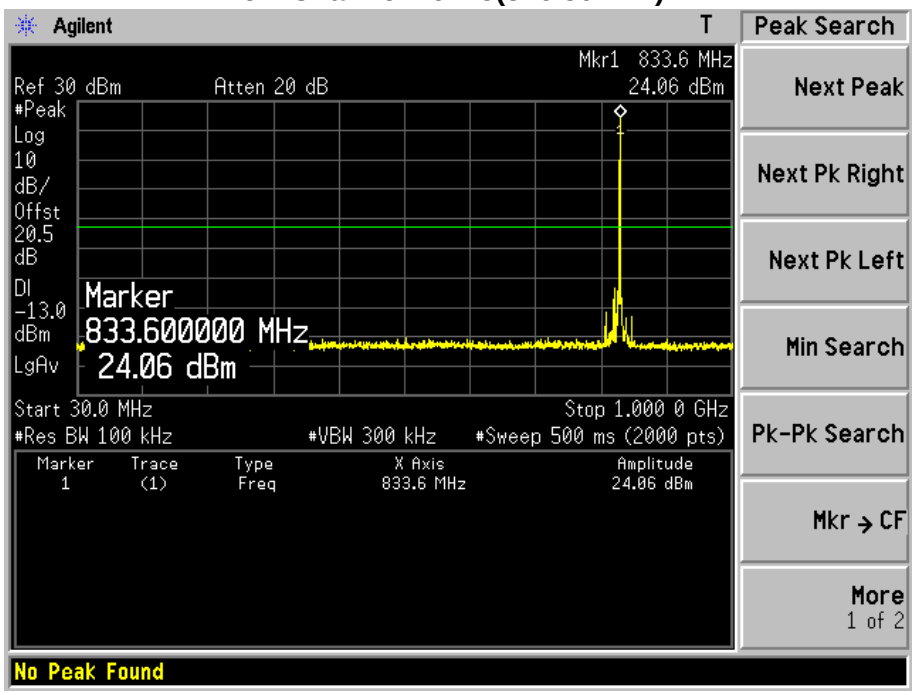
High Channel 26990(844.00MHz) 1RB0

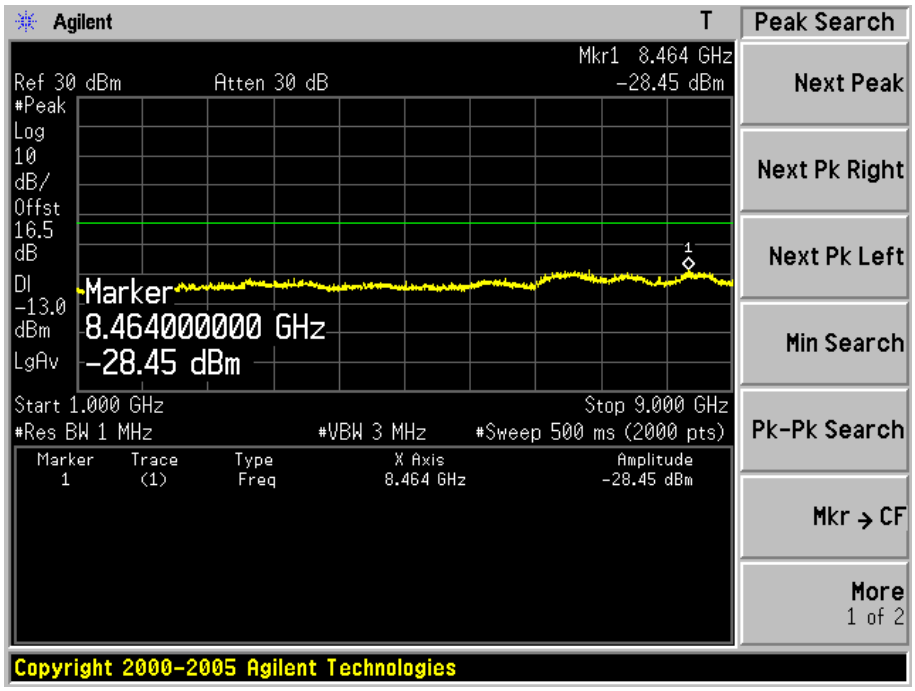




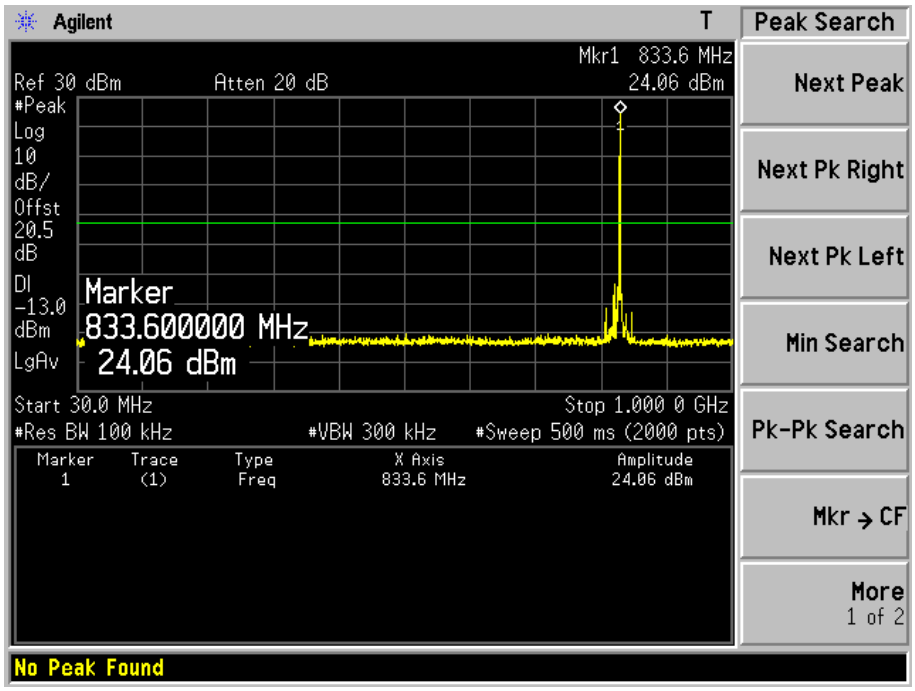
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (5M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

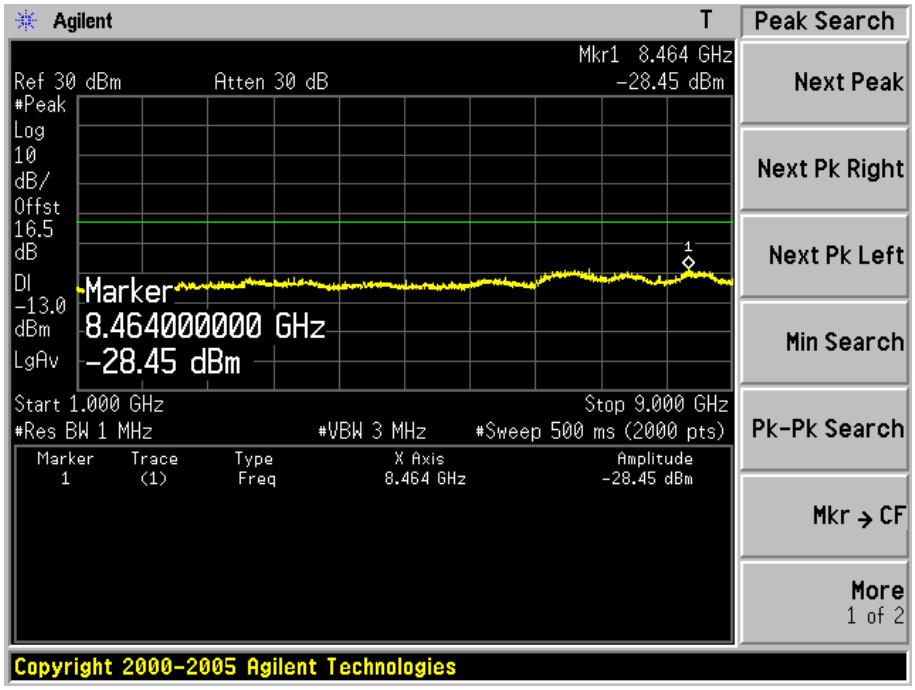
Low Channel 26715(816.50MHz) 1RB24



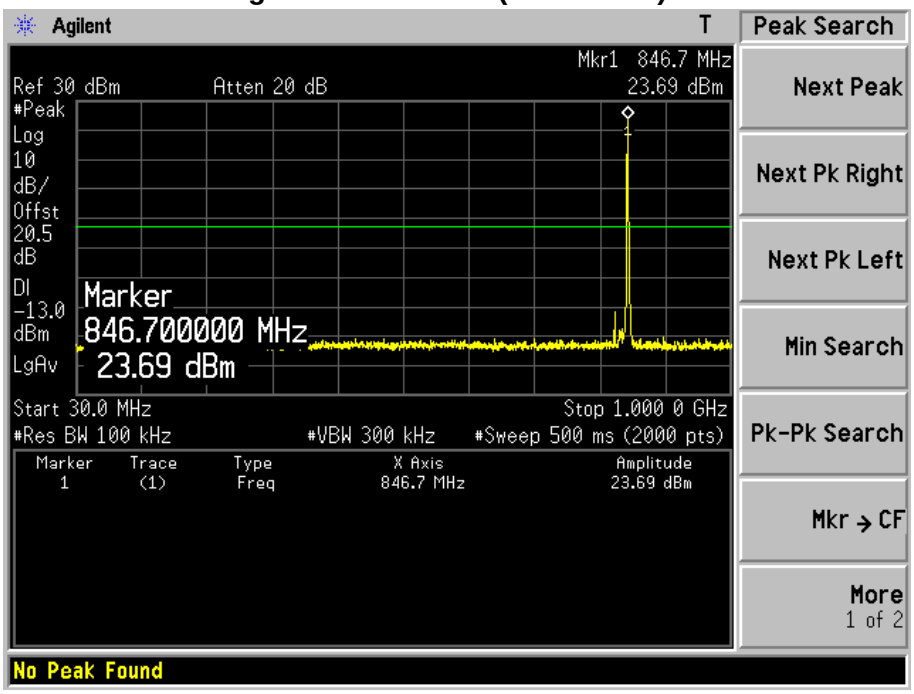


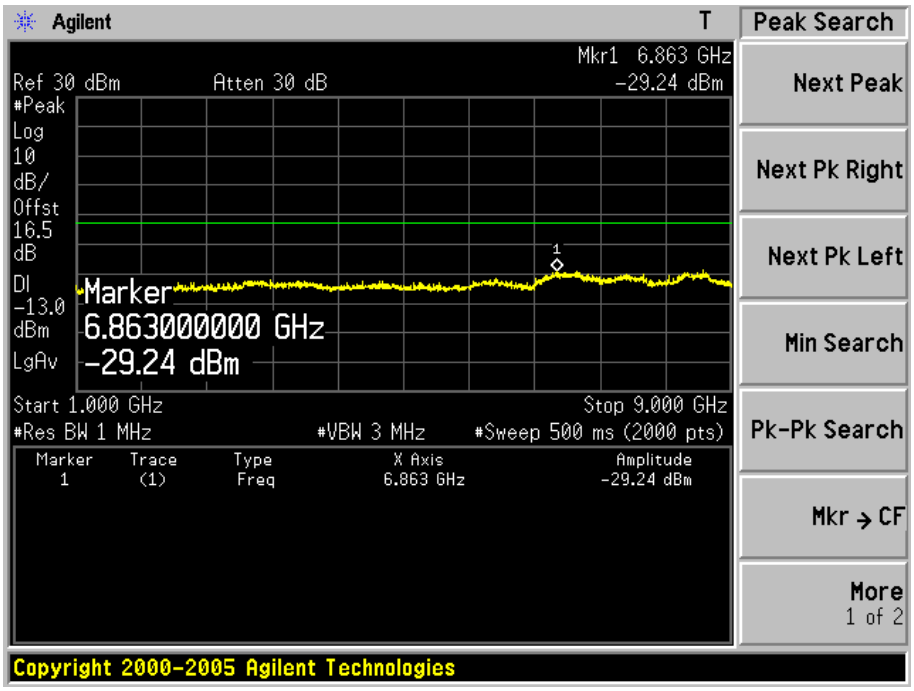
Mid Channel 26865(831.50MHz) 1RB24





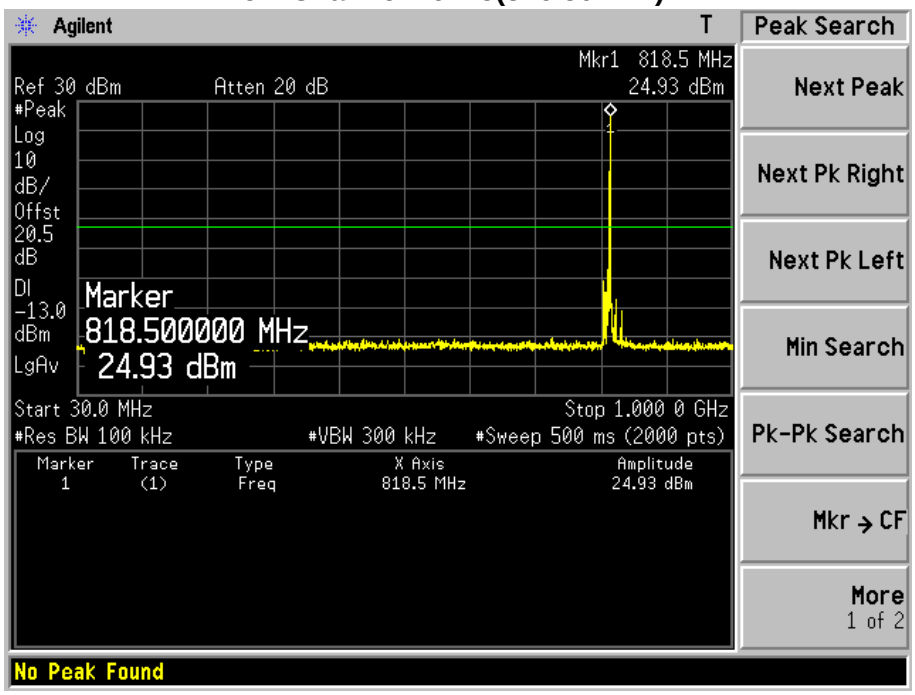
High Channel 27015(846.50MHz) 1RB12

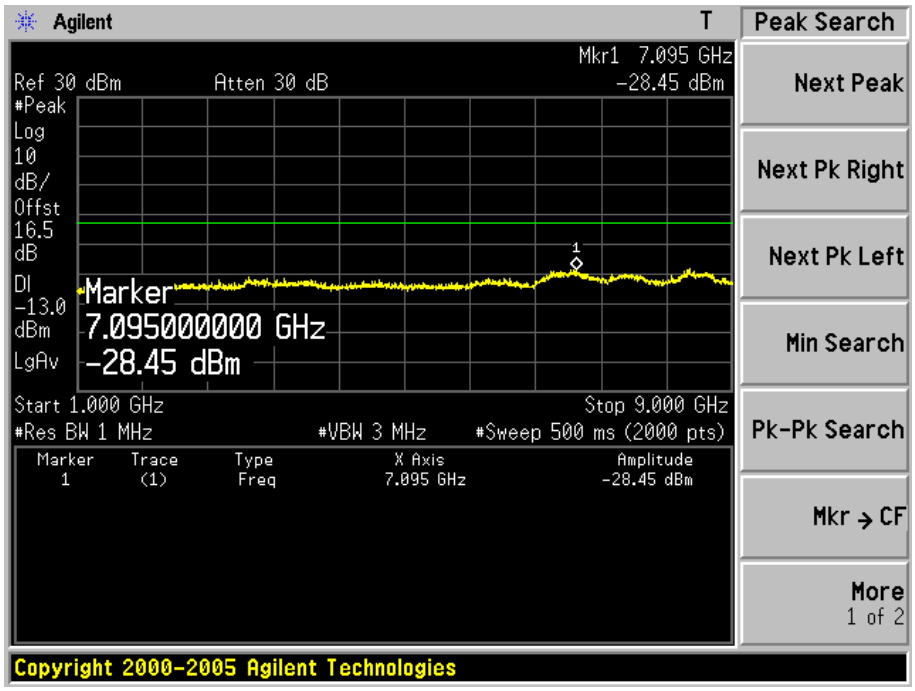




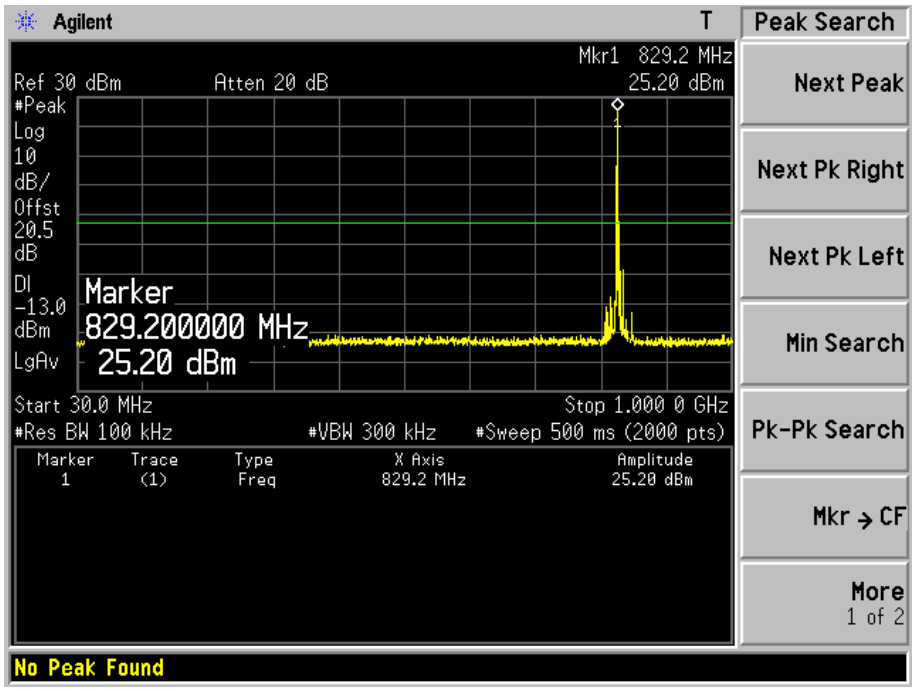
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (5M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

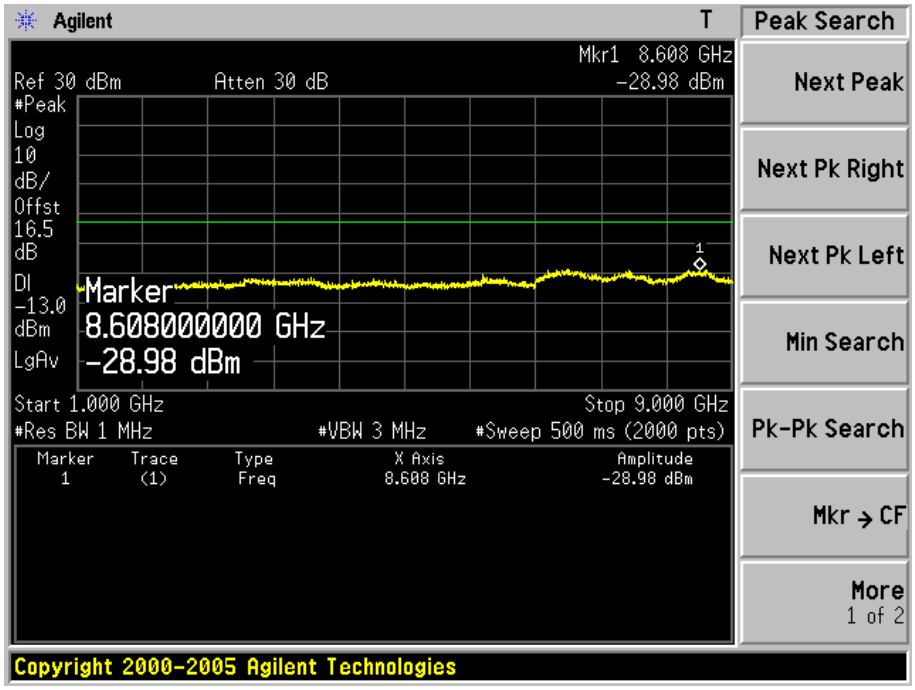
Low Channel 26715(816.50MHz) 1RB24



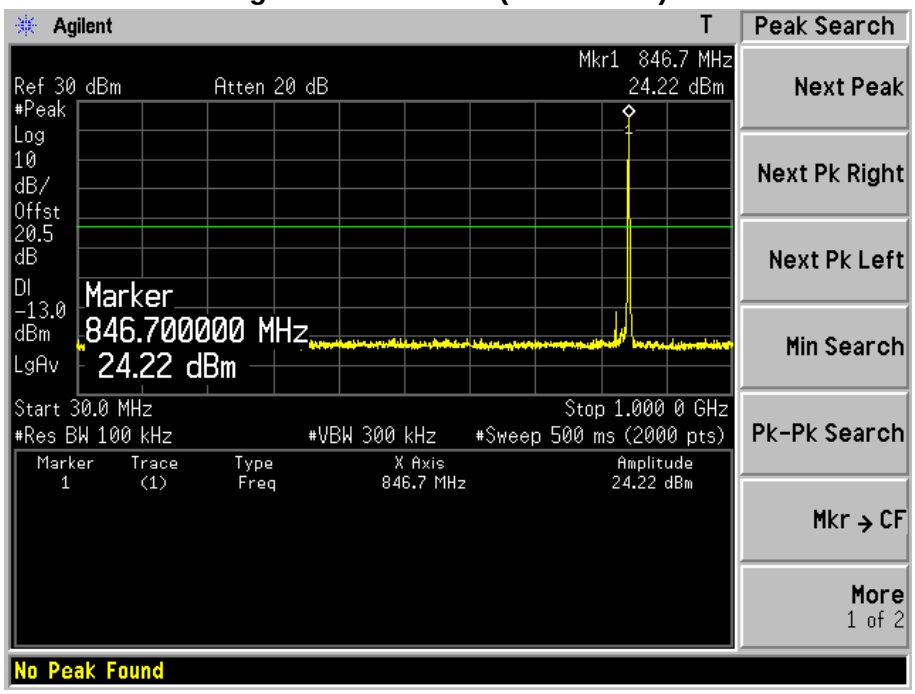


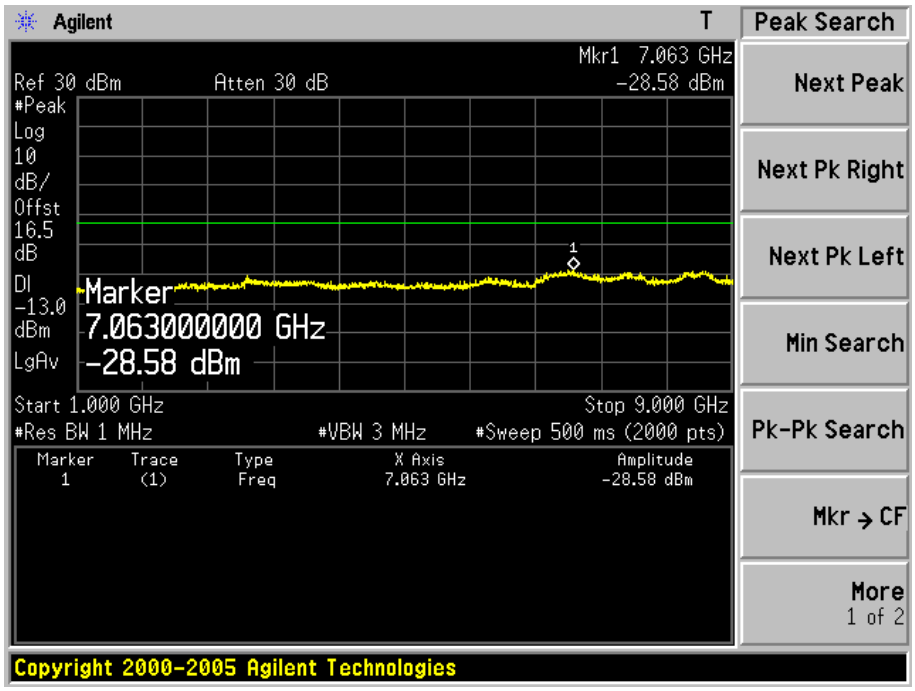
Mid Channel 26865(831.50MHz) 1RB0





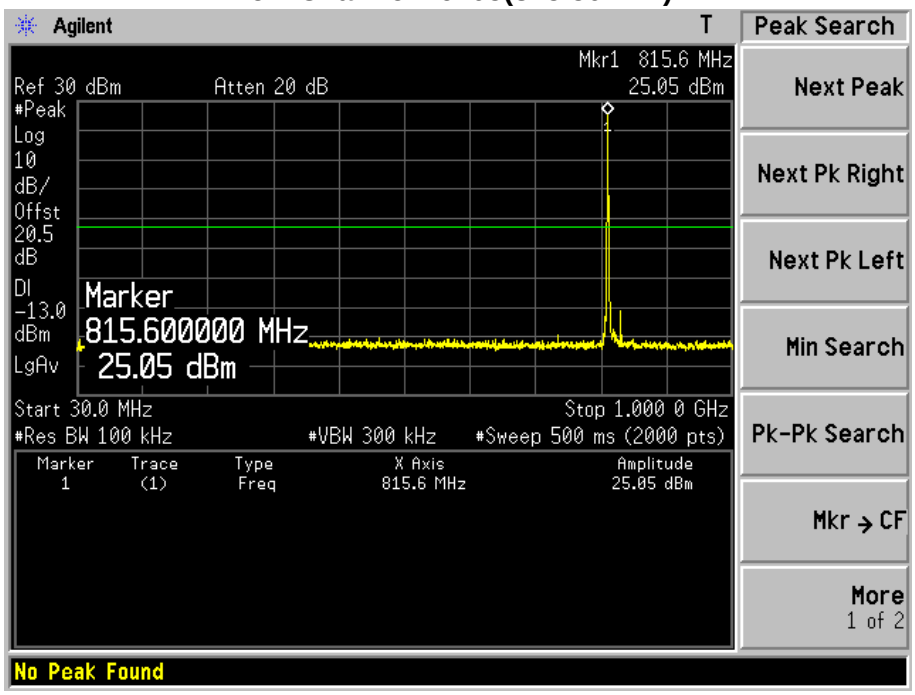
High Channel 27015(846.50MHz) 1RB12

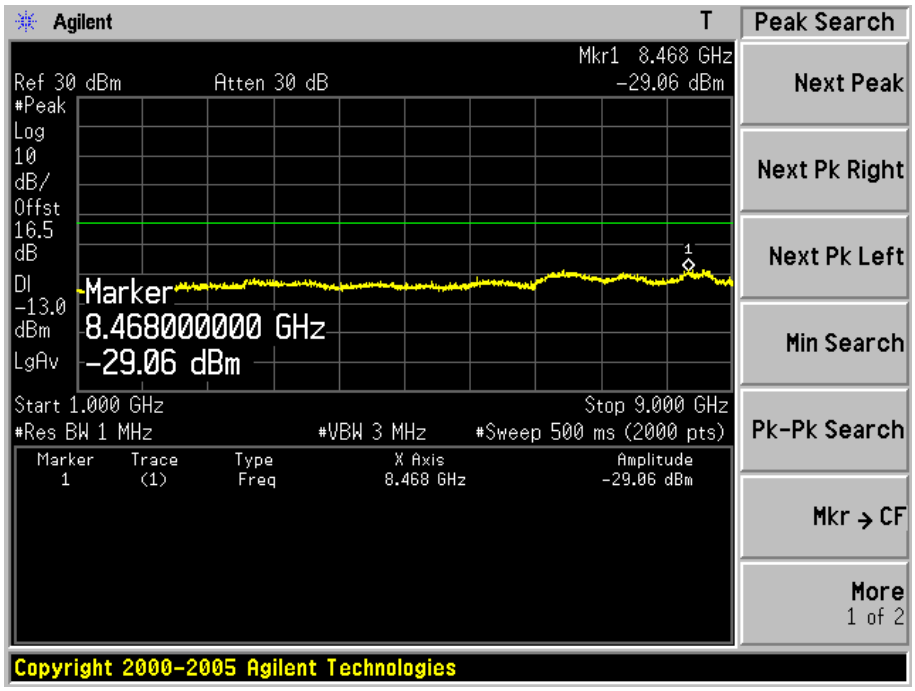




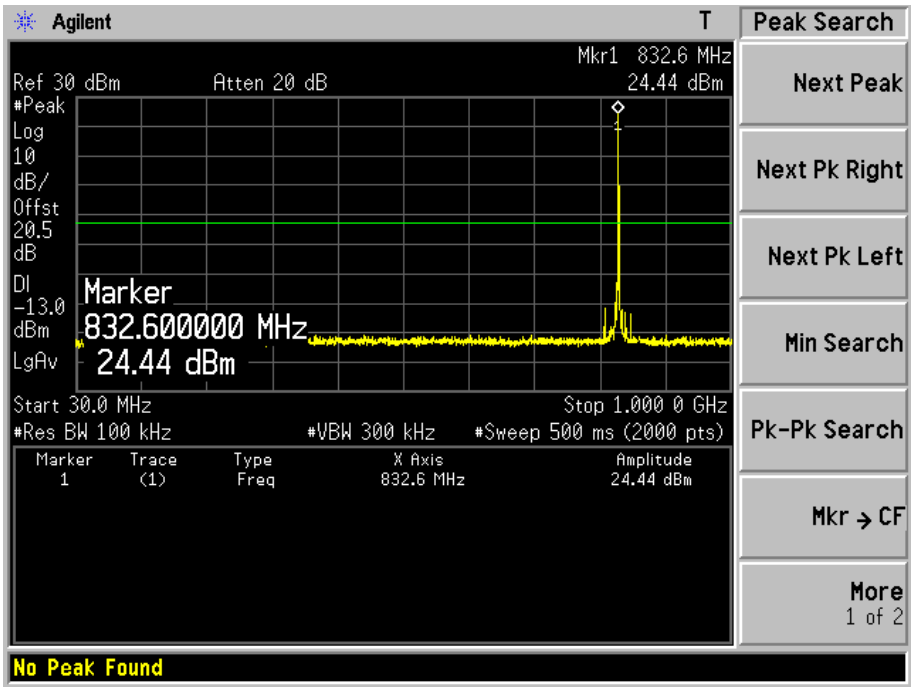
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (3M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

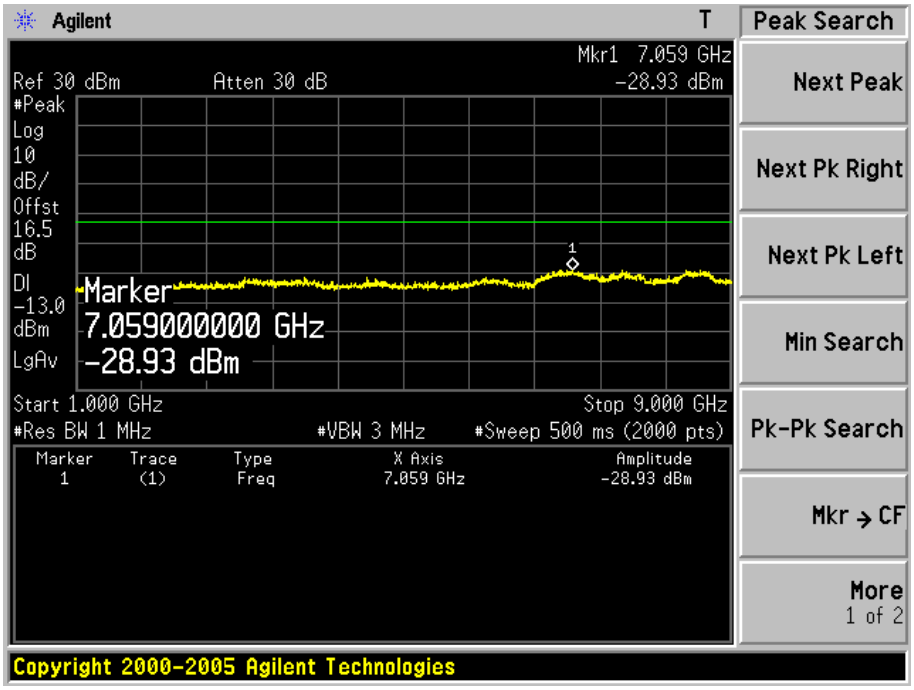
Low Channel 26705(815.50MHz) 1RB7



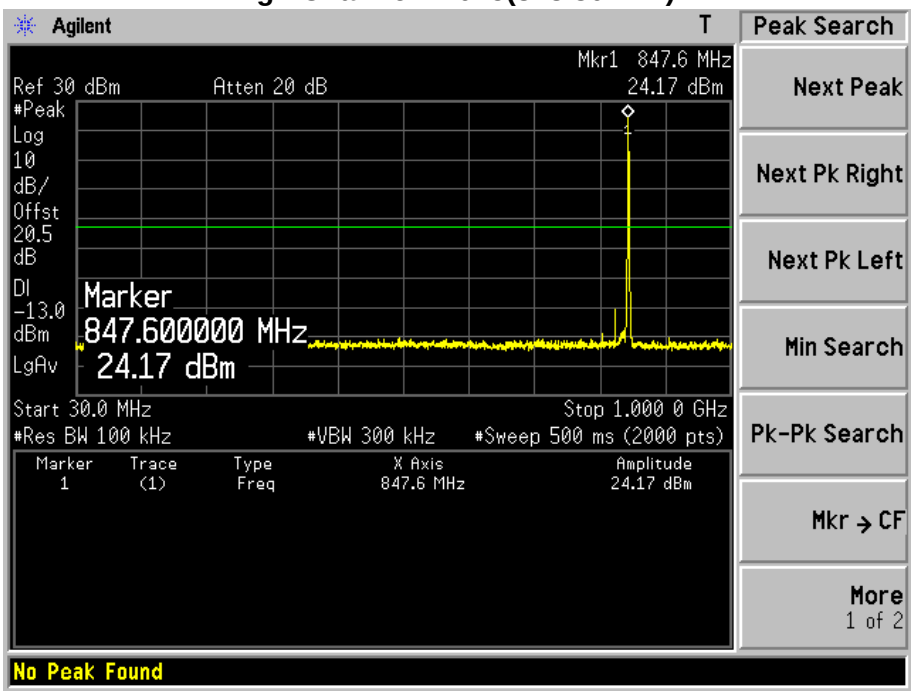


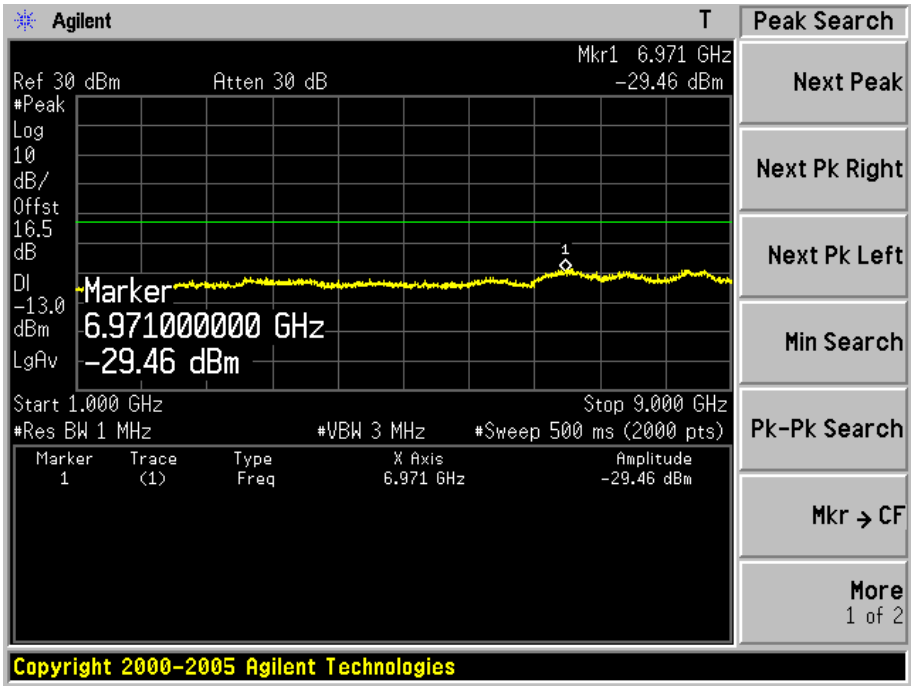
Mid Channel 26865(831.50MHz) 1RB14





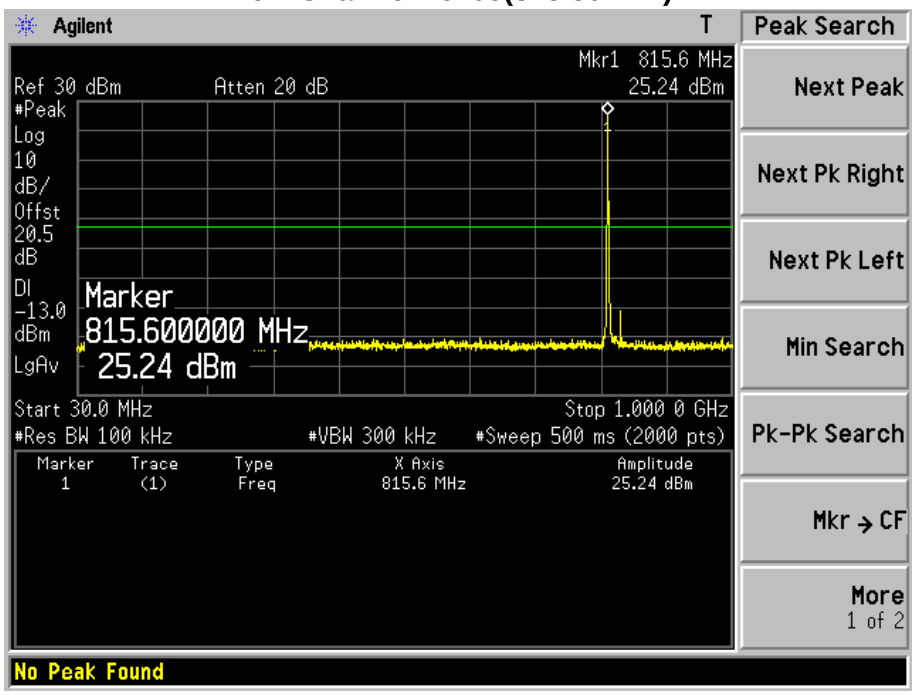
High Channel 27025(848.30MHz) 1RB7

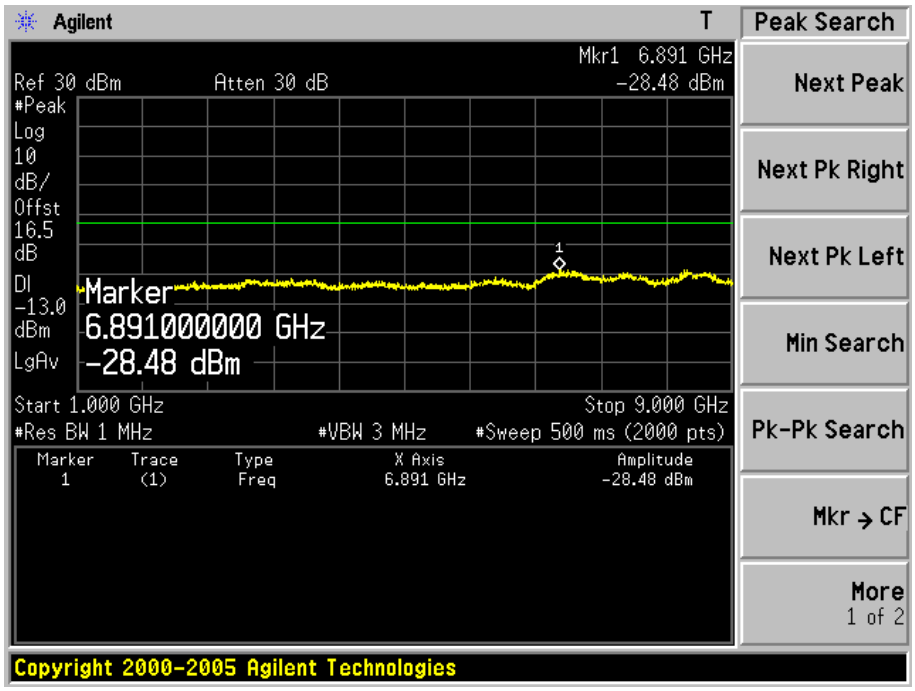




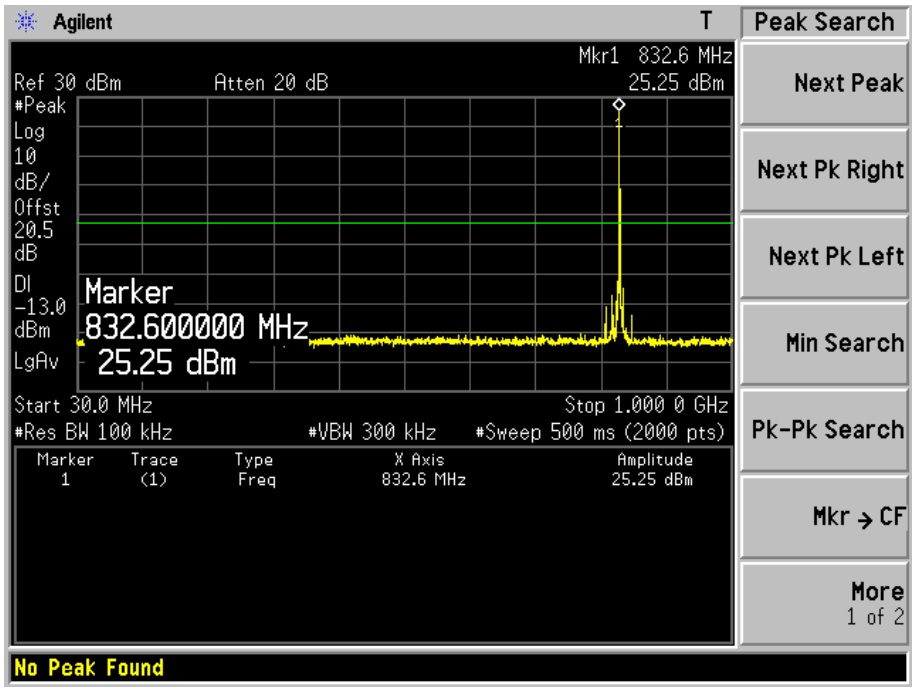
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (3M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

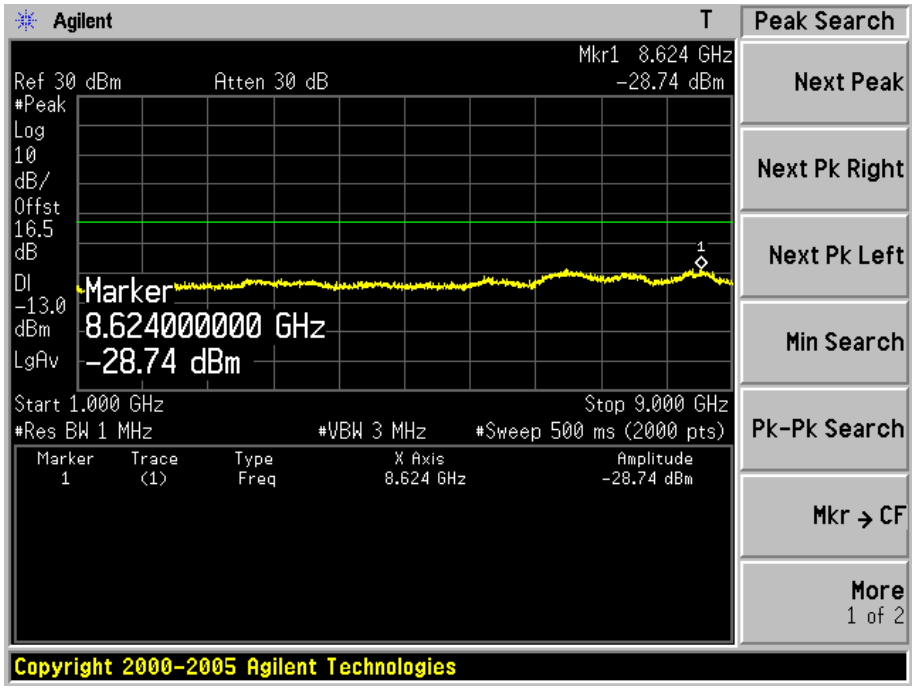
Low Channel 26705(815.50MHz) 1RB7



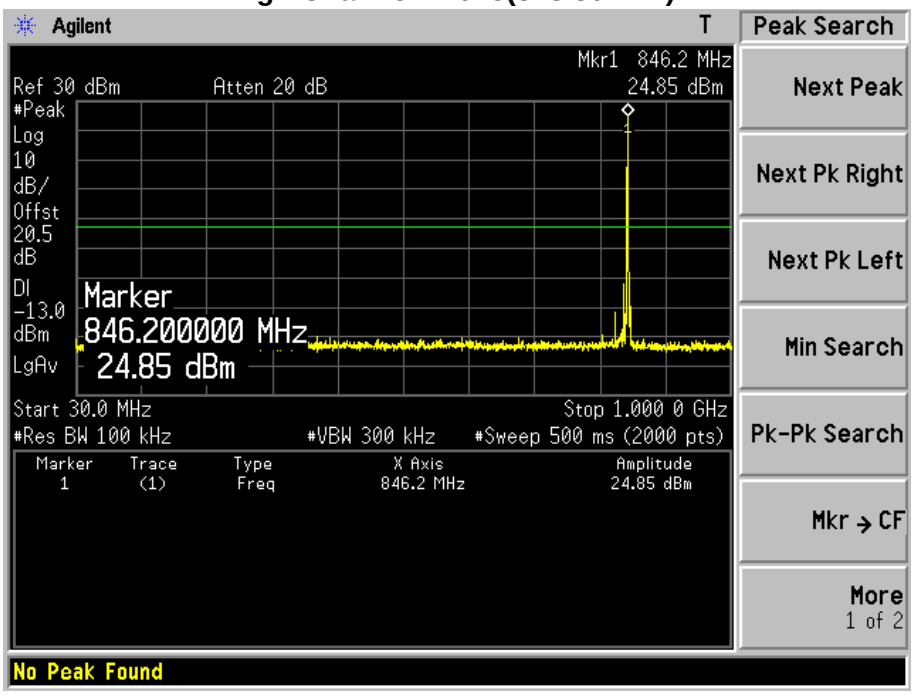


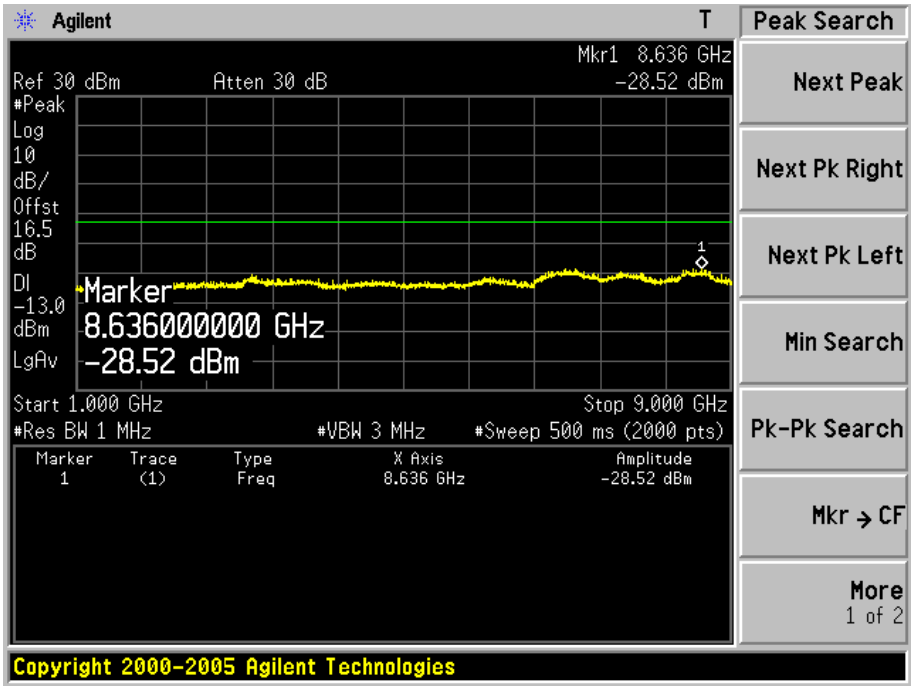
Mid Channel 26865(831.50MHz) 1RB14





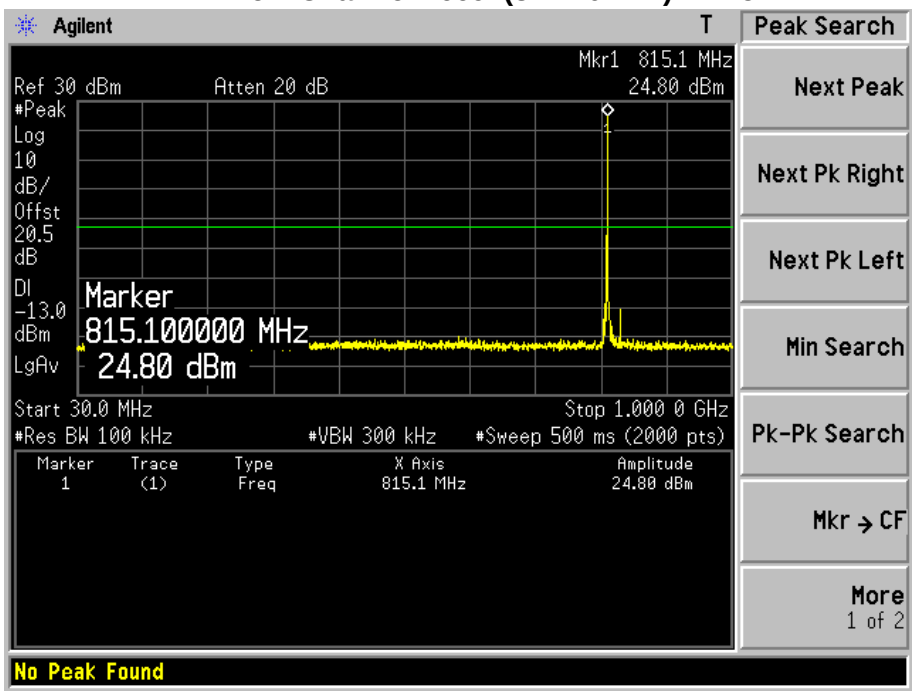
High Channel 27025(848.30MHz) 1RB7

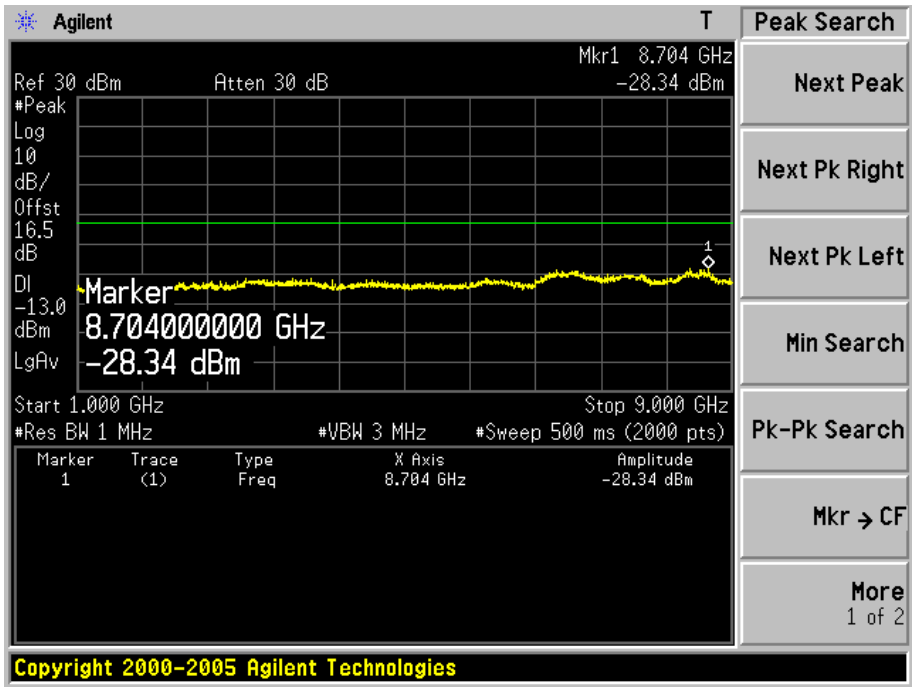




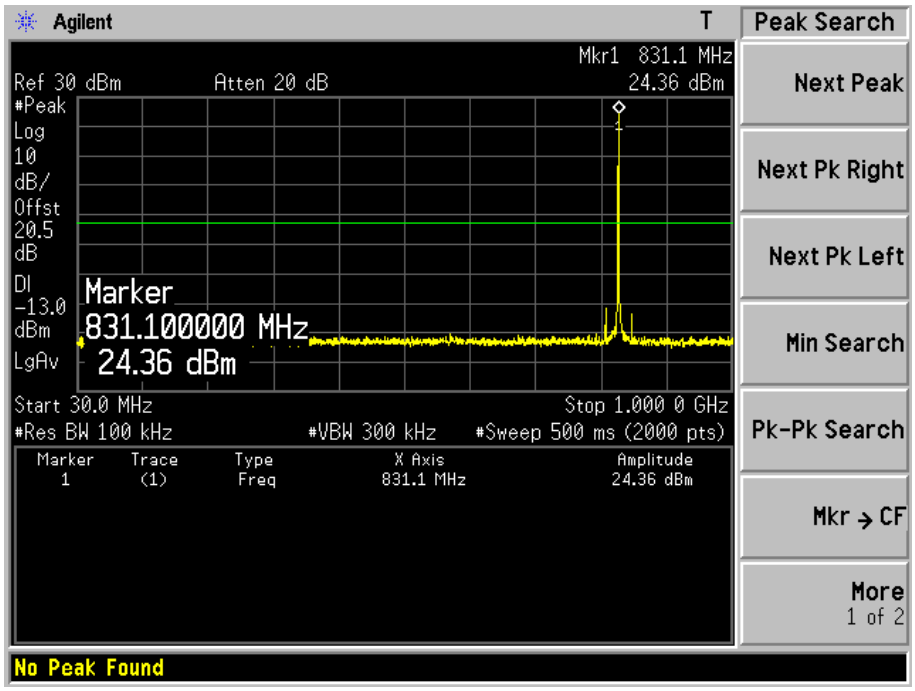
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (1.4M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

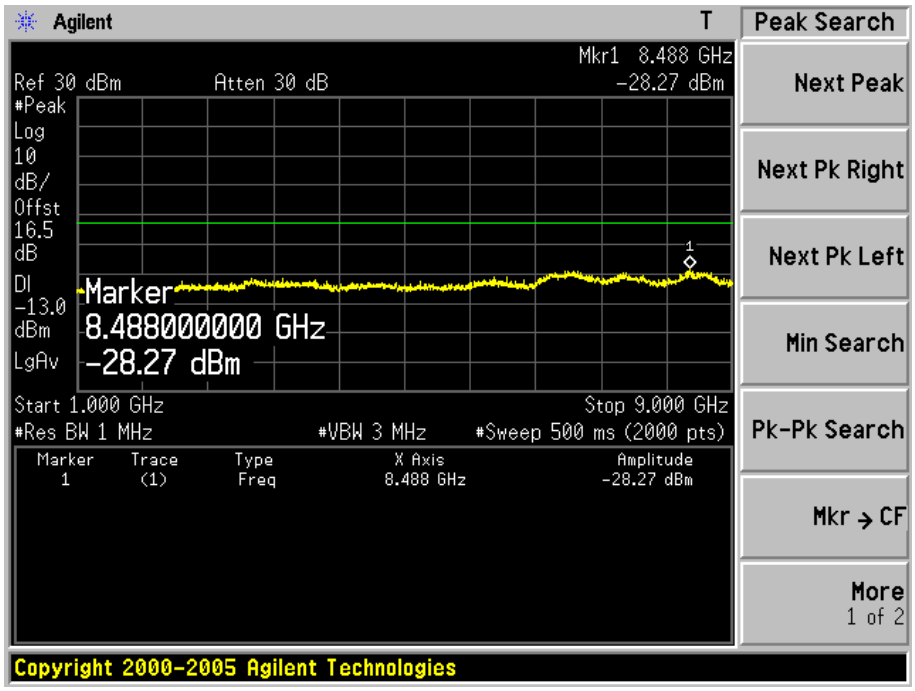
Low Channel 26697(814.70MHz) 1RB5



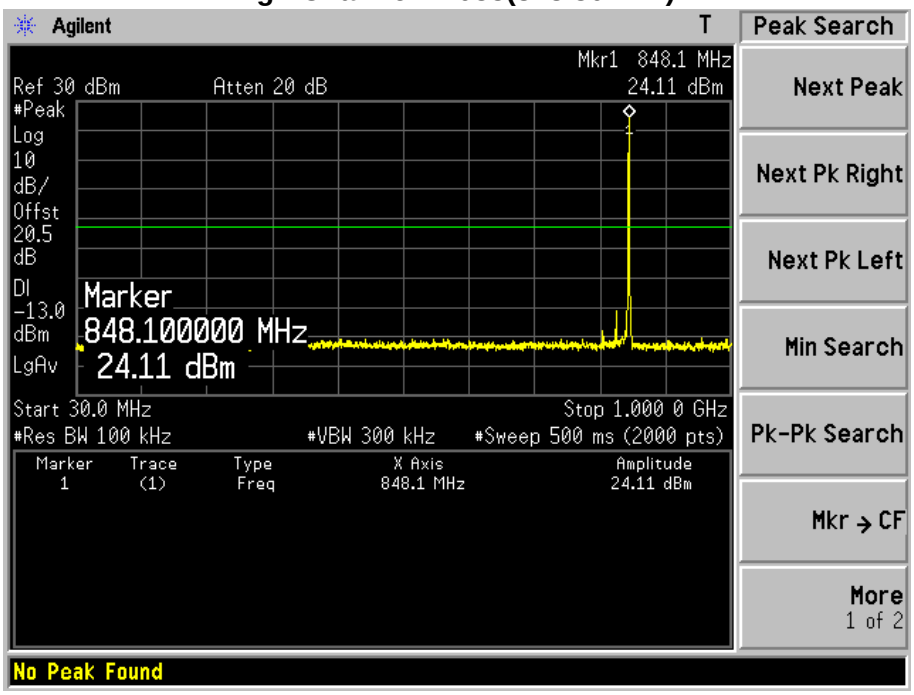


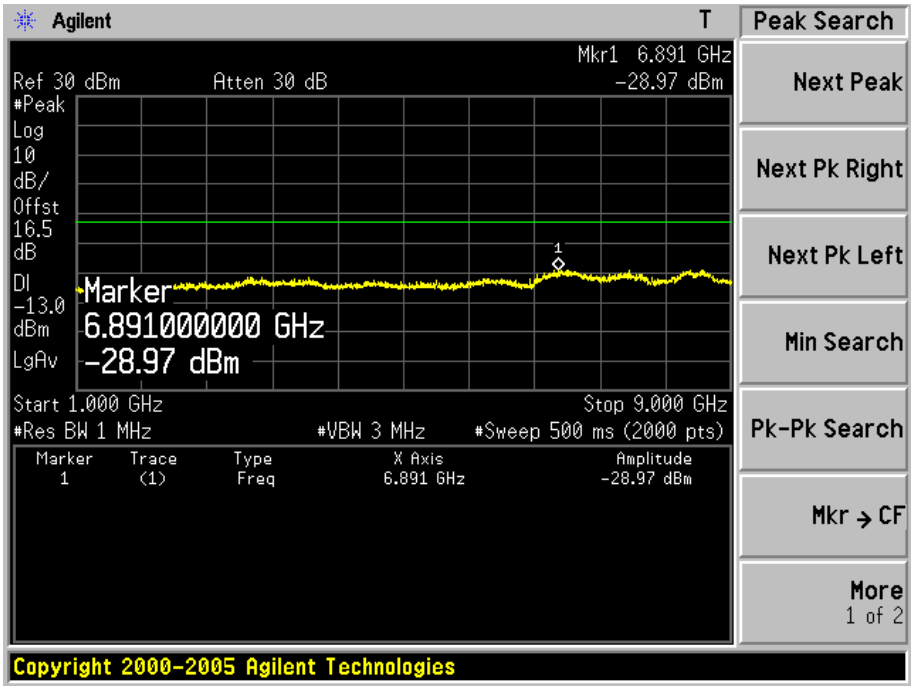
Mid Channel 26865(831.50MHz) 1RB2





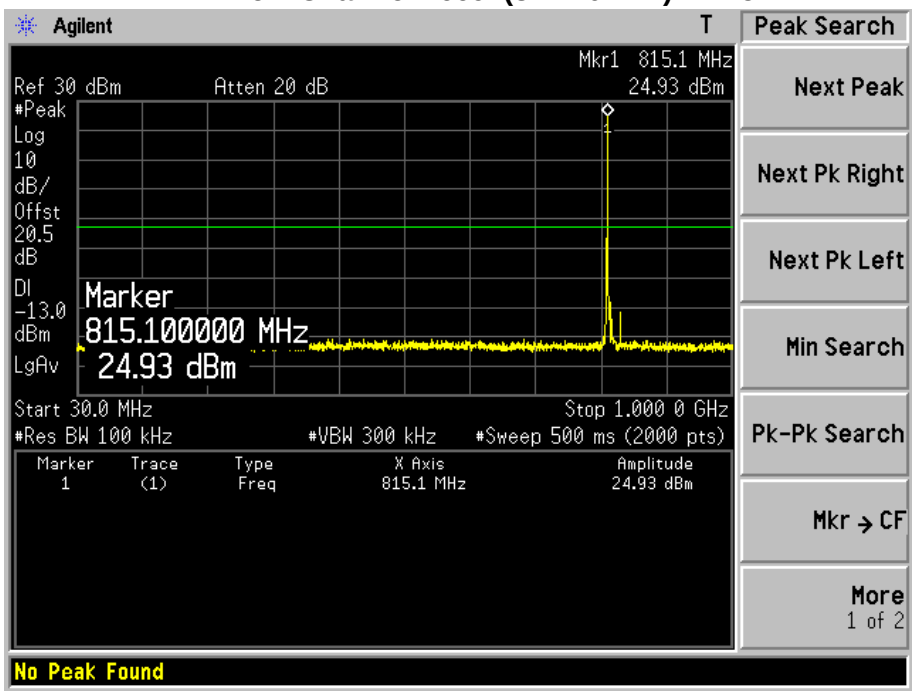
High Channel 27033(848.30MHz) 1RB2

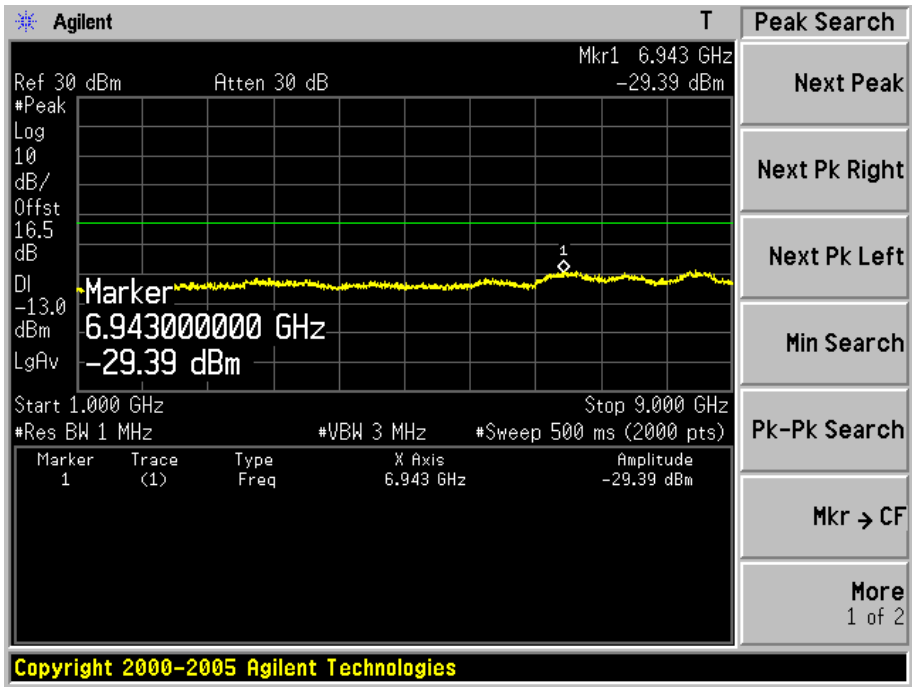




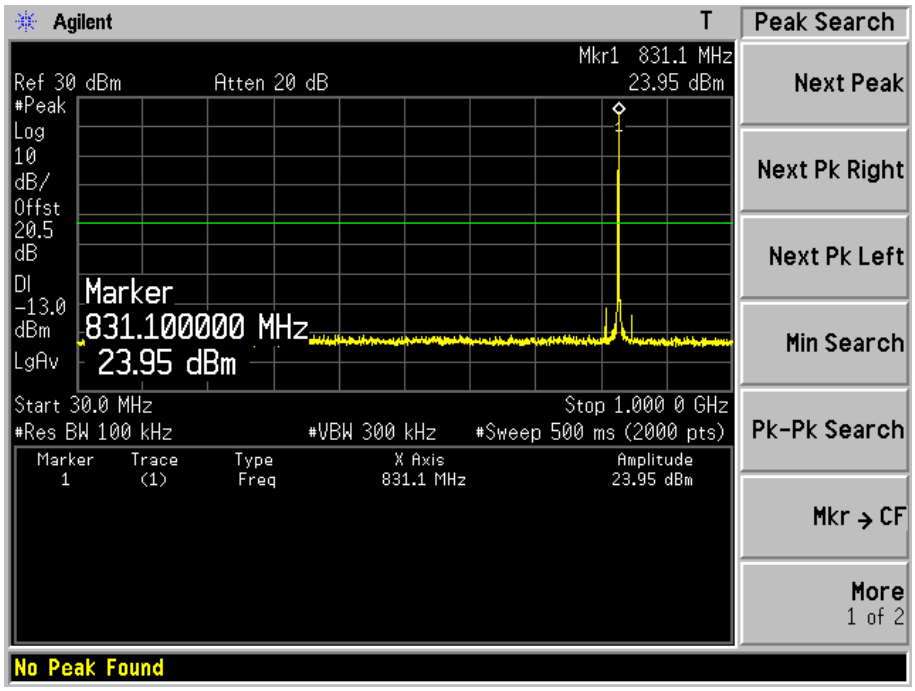
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (1.4M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

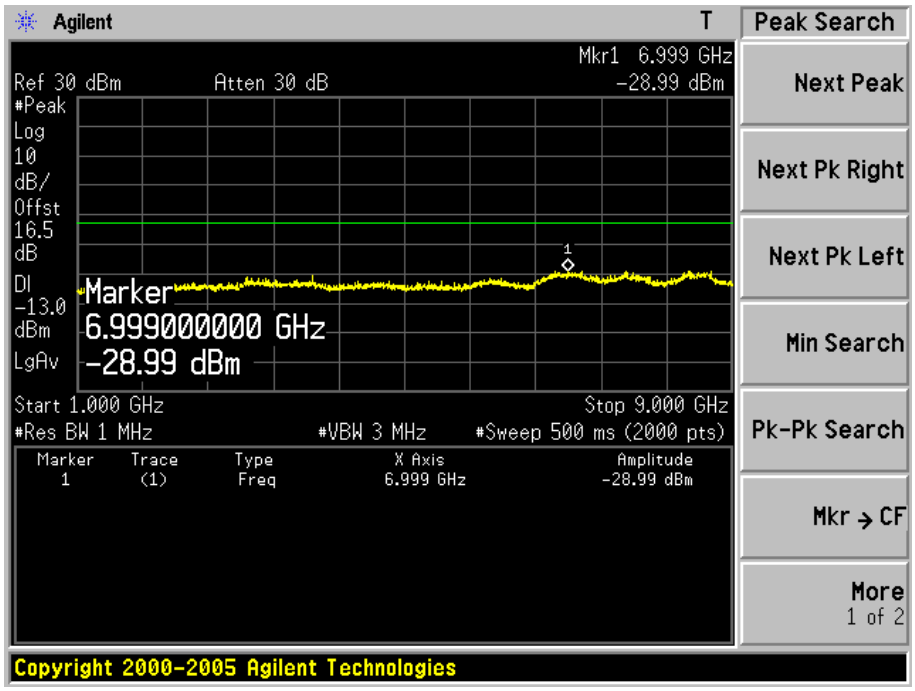
Low Channel 26697(814.70MHz) 1RB5



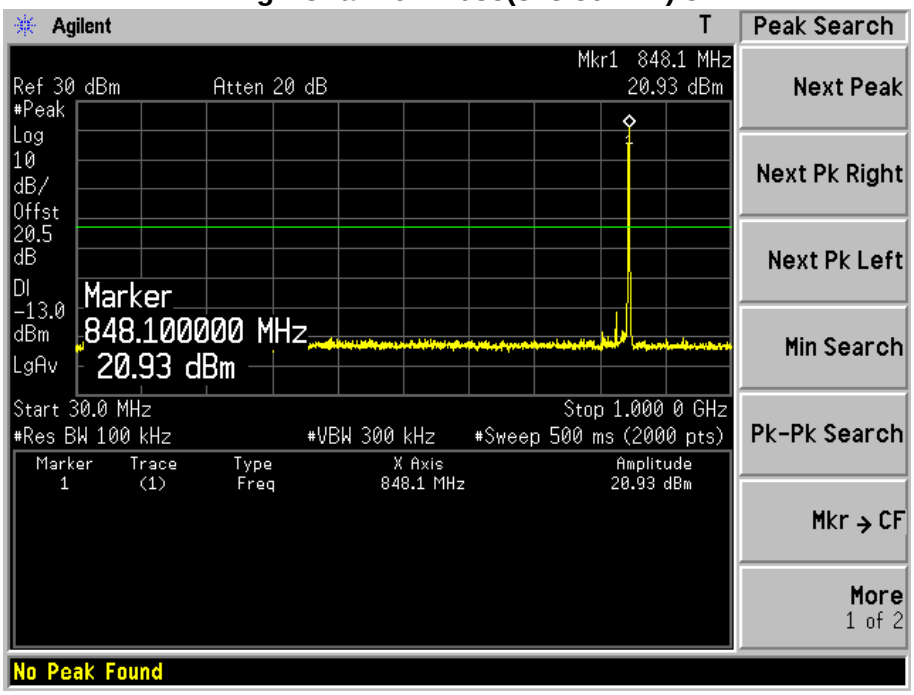


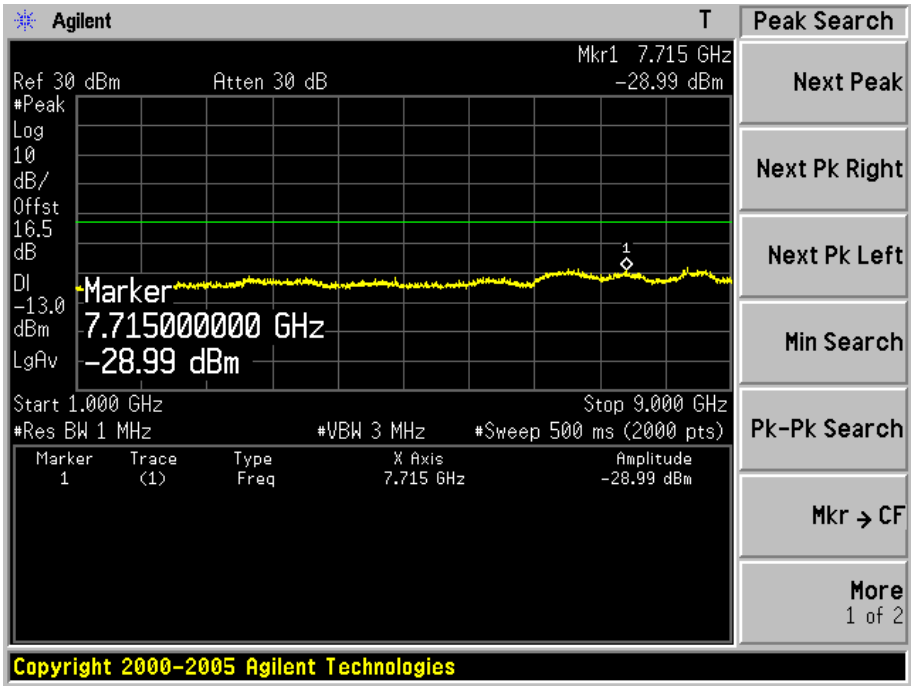
Mid Channel 26865(831.50MHz) 1RB2





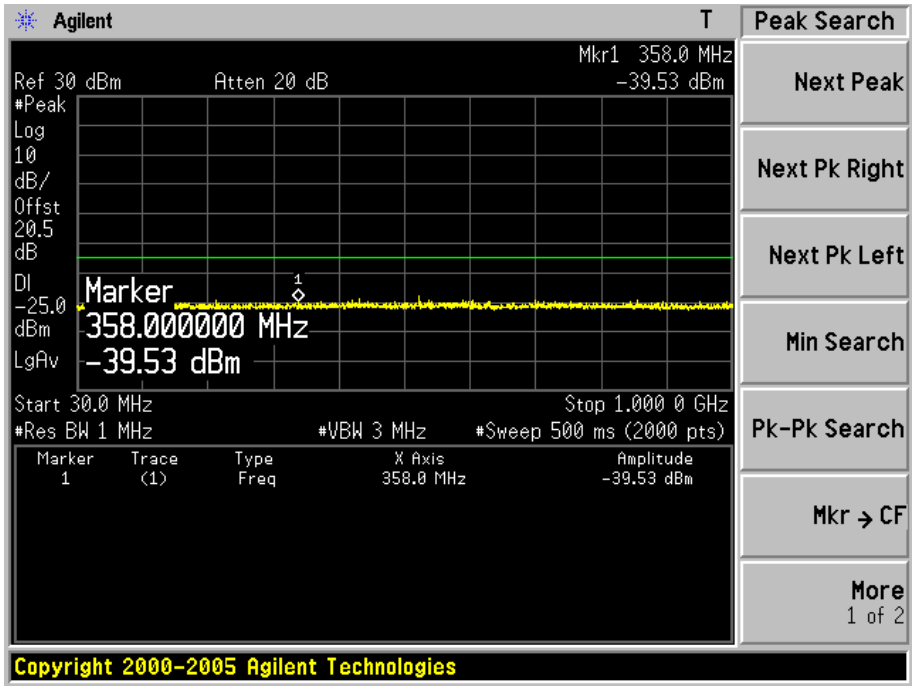
High Channel 27033(848.30MHz) 3RB1

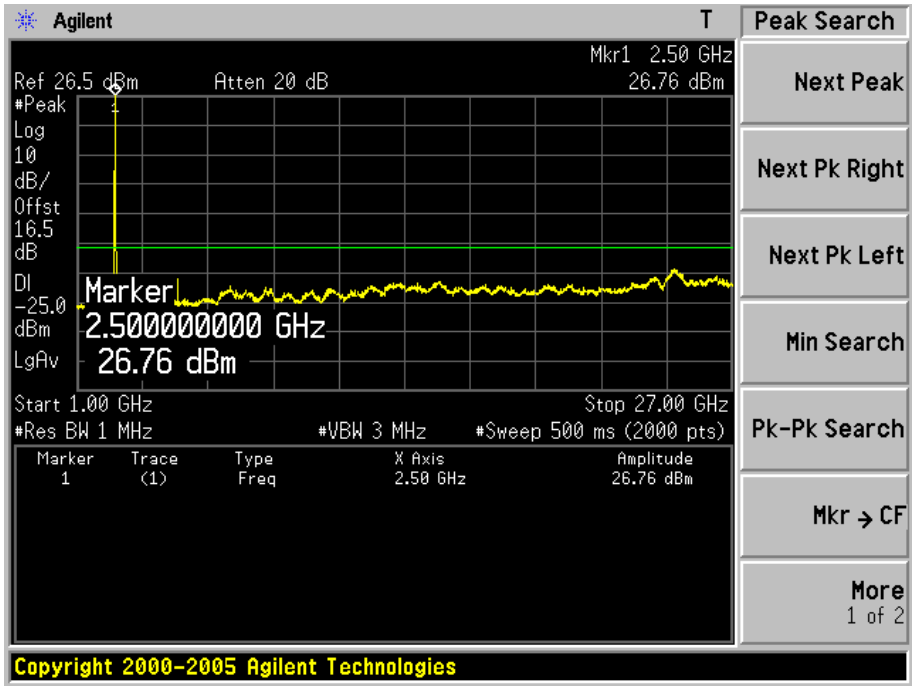




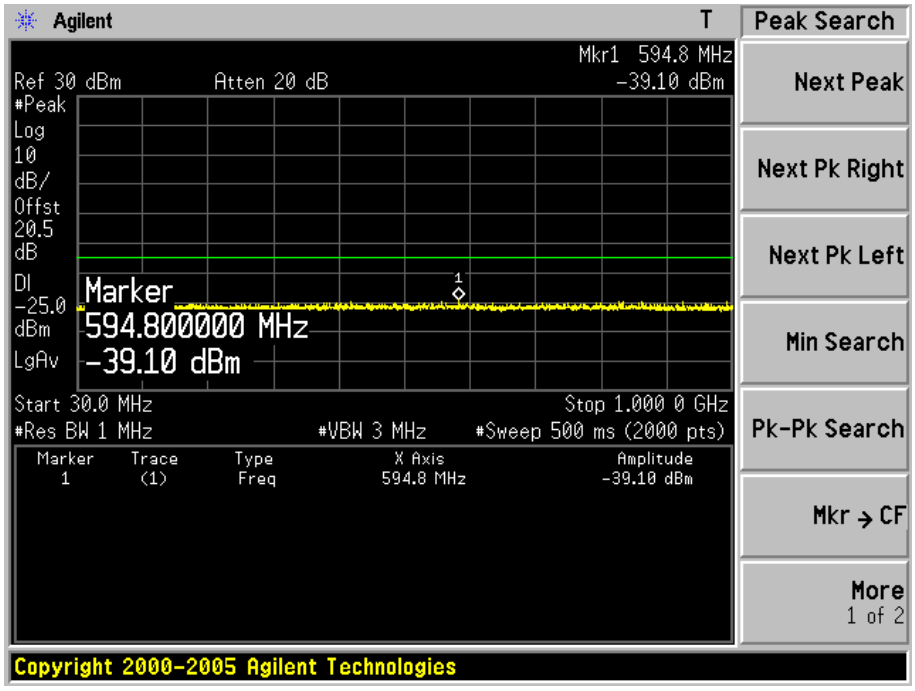
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (20M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

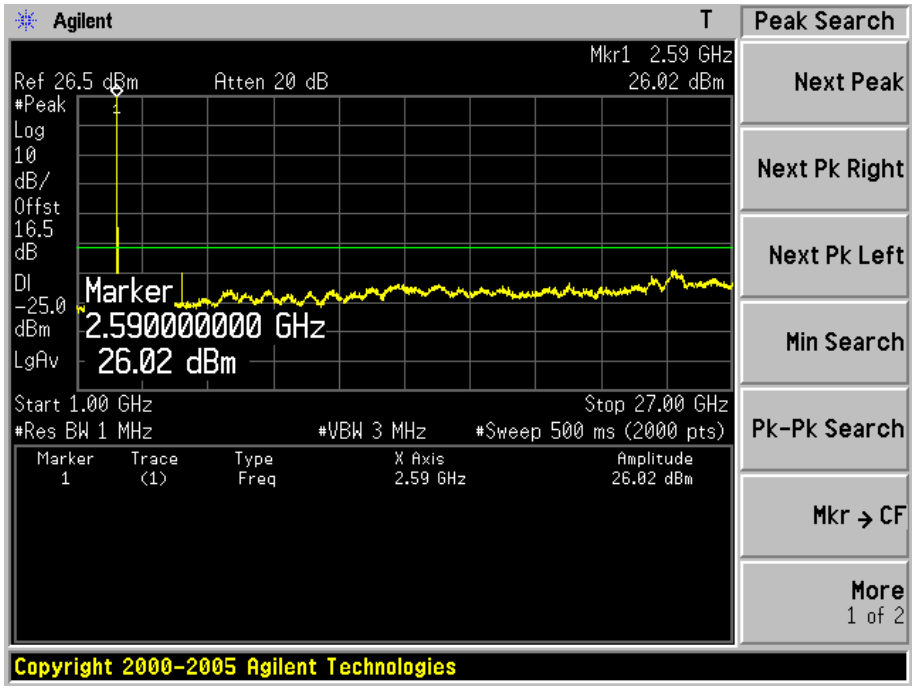
Low Channel 39705 (2506.00MHz) 1RB0



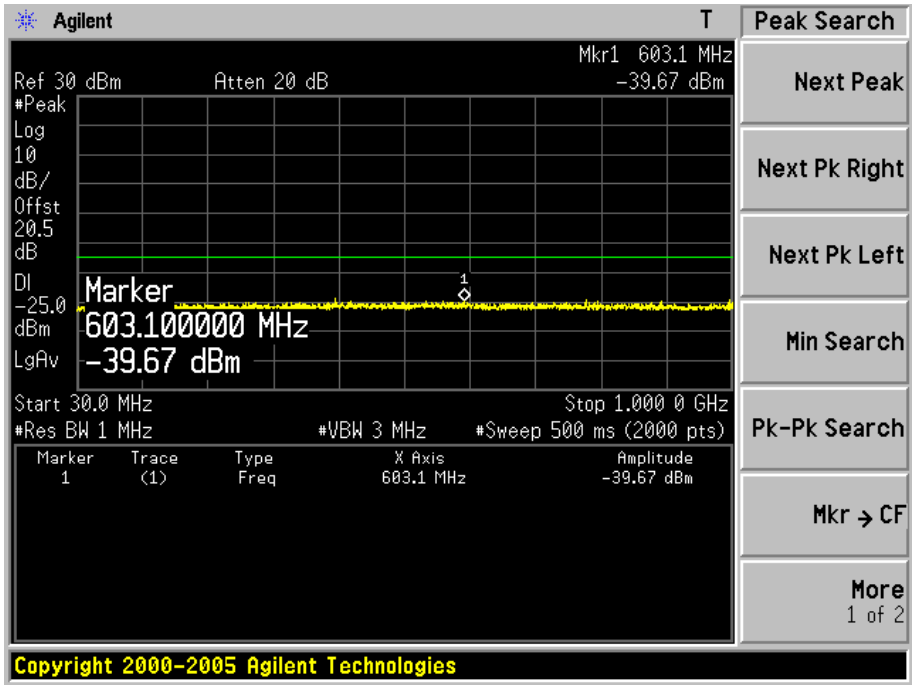


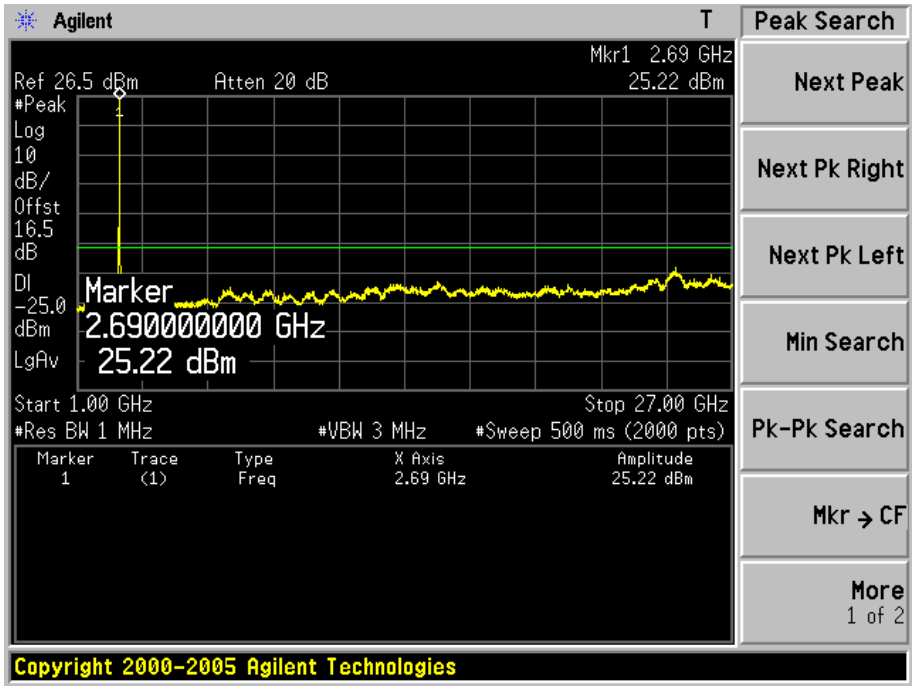
Mid Channel 40620(2593.00MHz) 1RB0





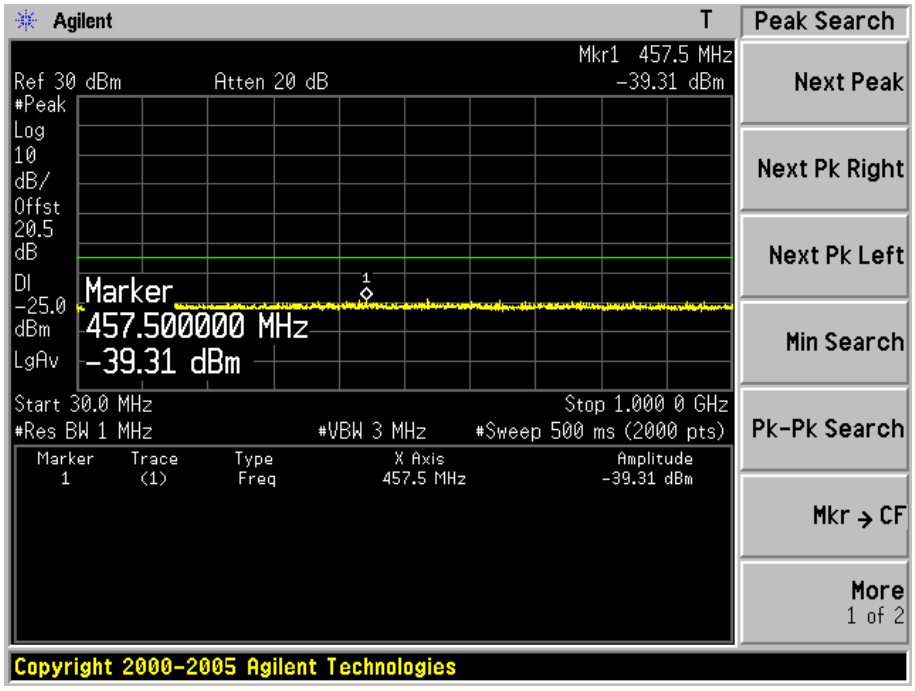
High Channel 41490(2680.00MHz) 1RB99

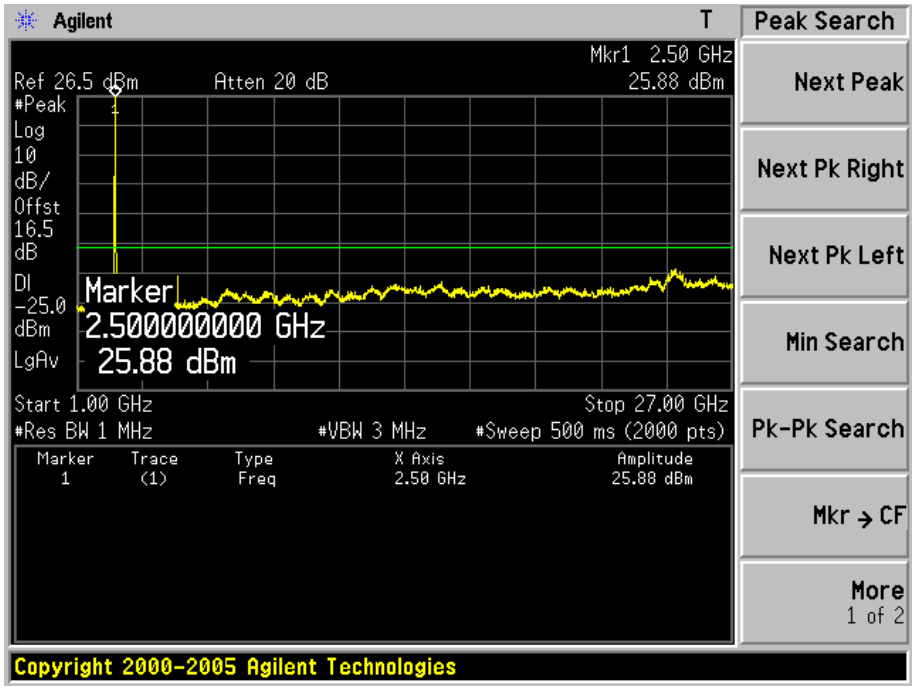




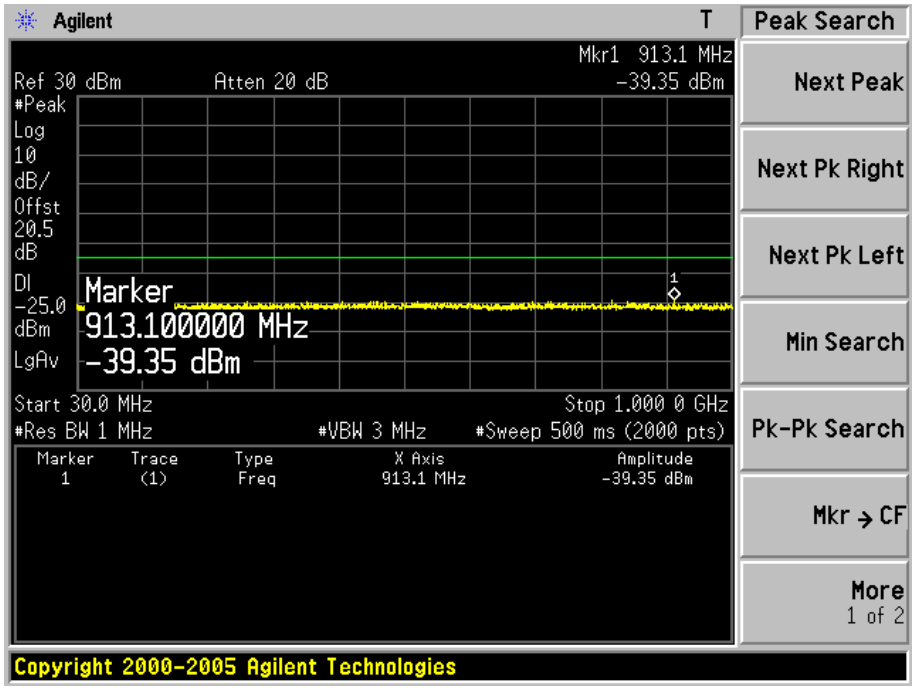
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (20M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

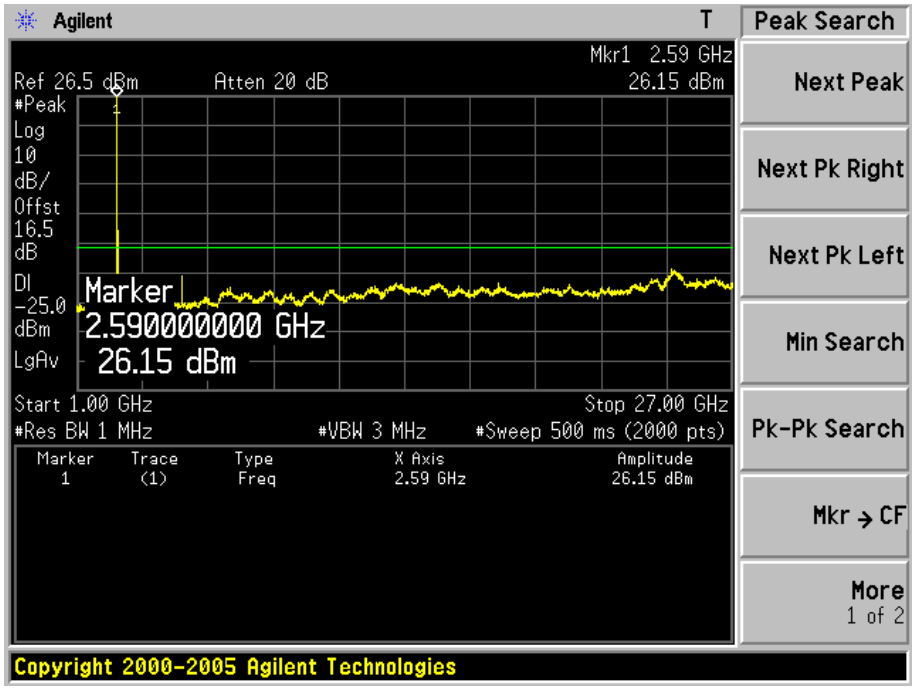
Low Channel 39705 (2506.00MHz) 1RB0



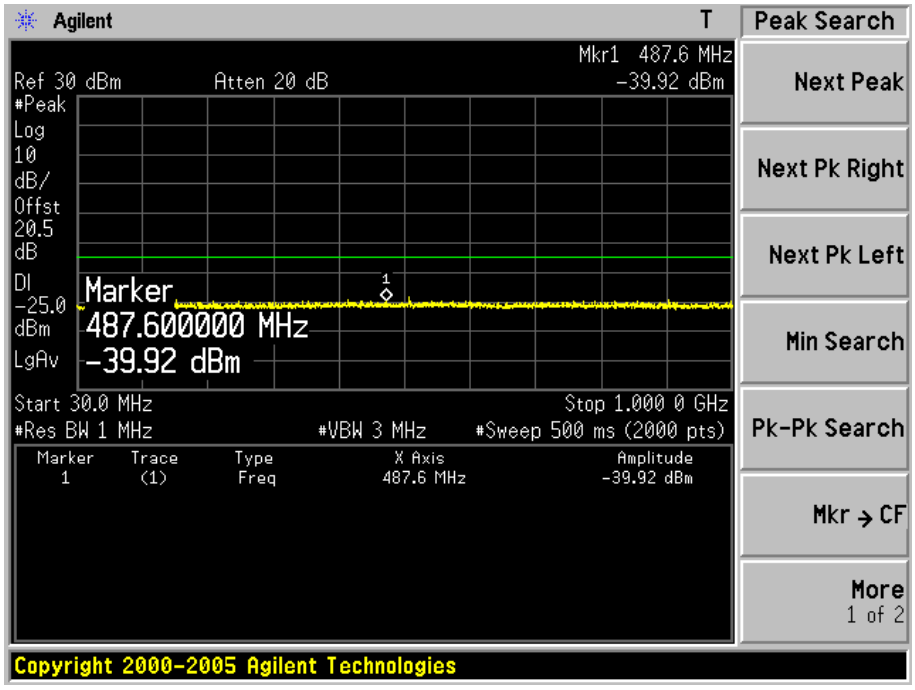


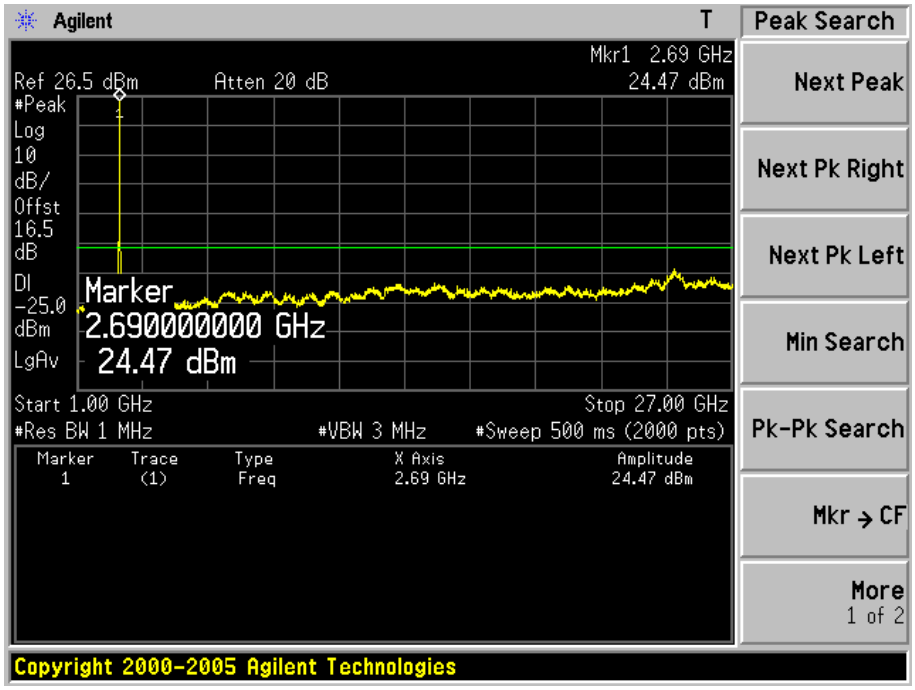
Mid Channel 40620(2593.00MHz) 1RB0





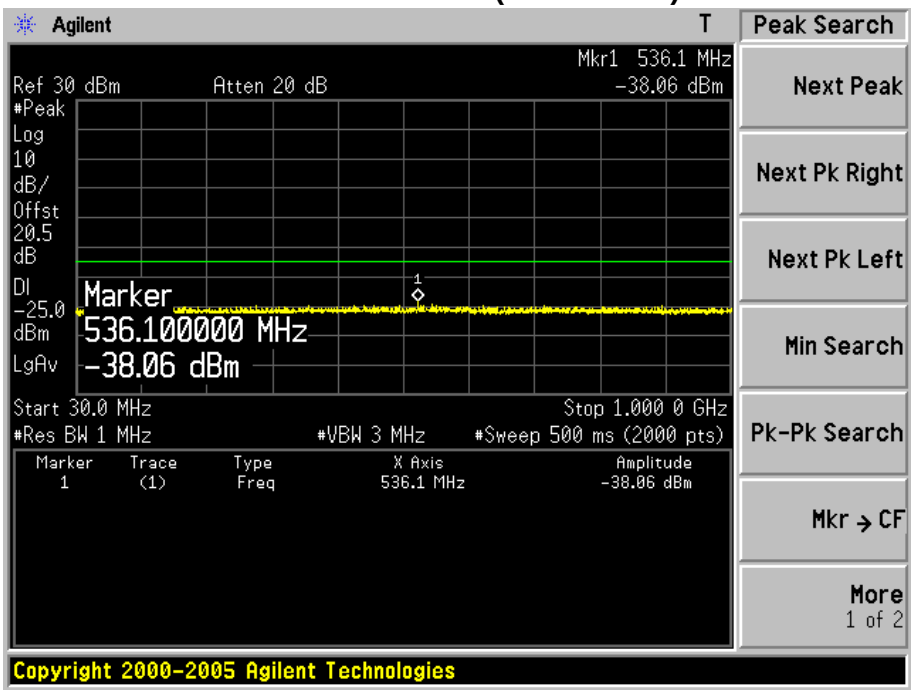
High Channel 41490(2680.00MHz) 1RB99

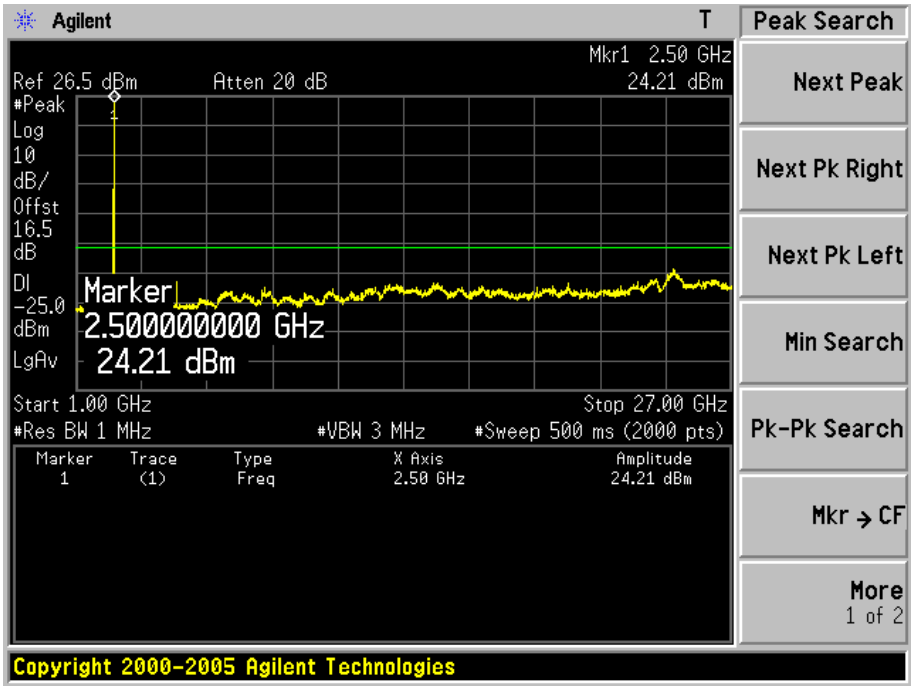




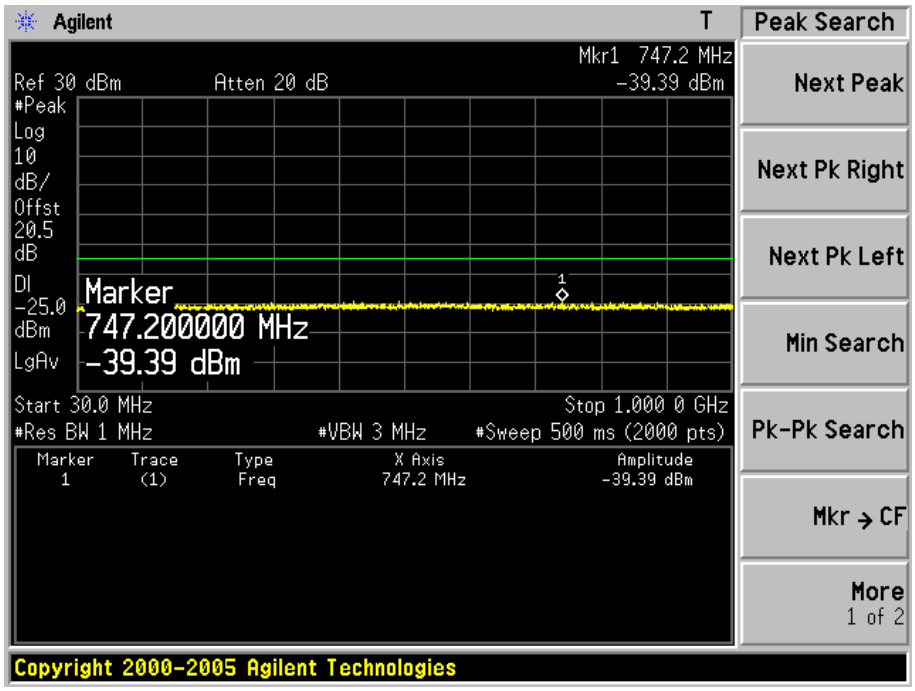
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (15M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

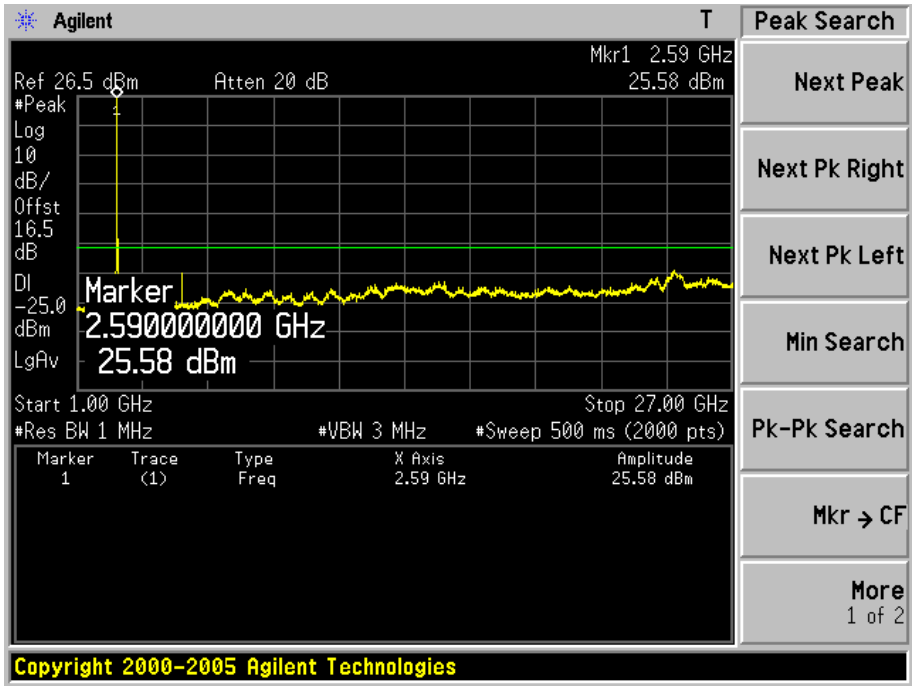
Low Channel 39725(2503.50MHz) 1RB0



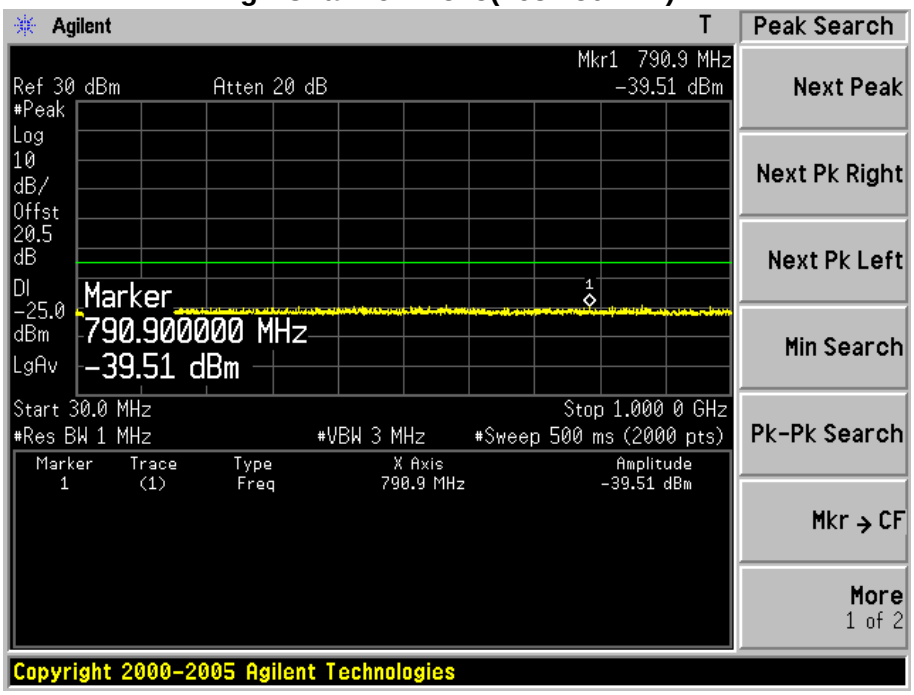


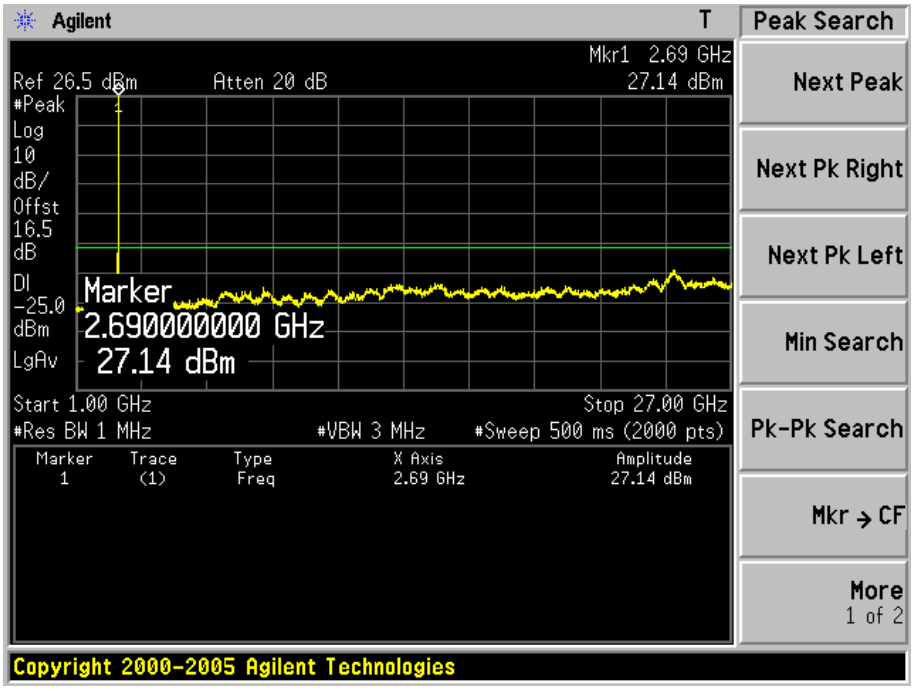
Mid Channel 40620 (2593.00MHz) 1RB0





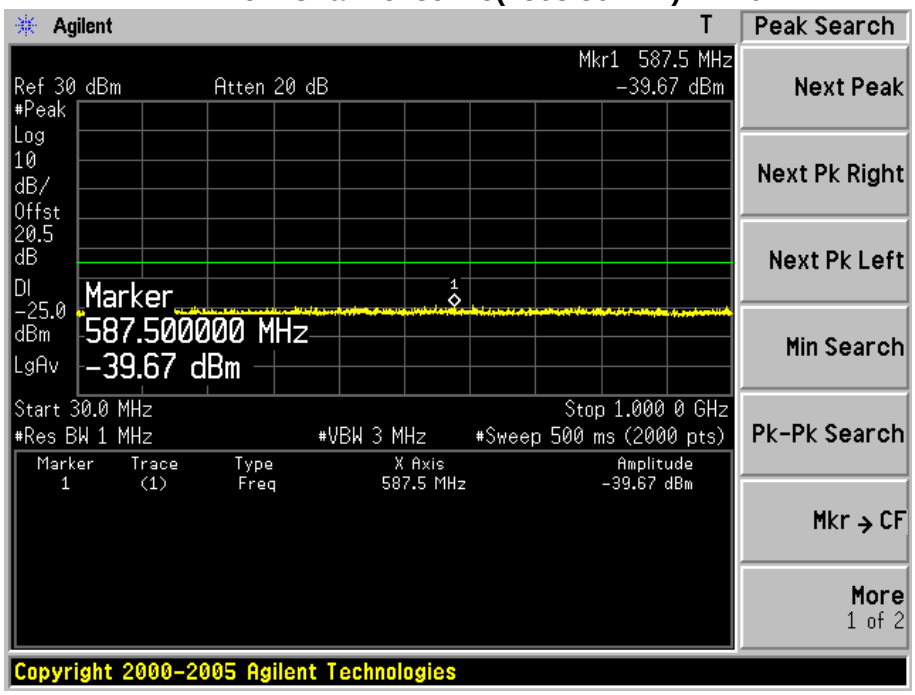
High Channel 41515(2682.50MHz) 1RB74

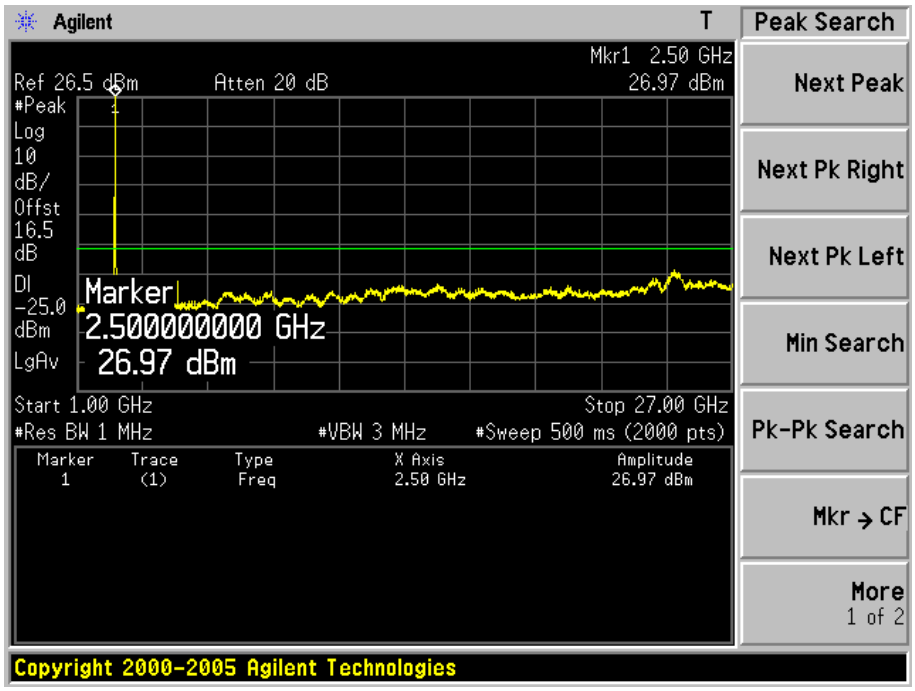




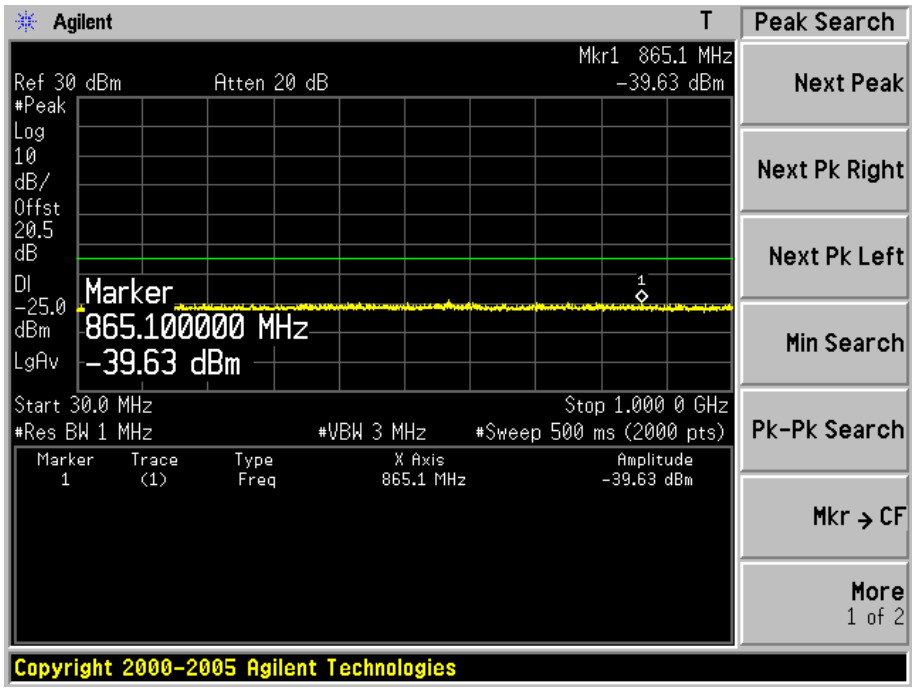
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (15M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

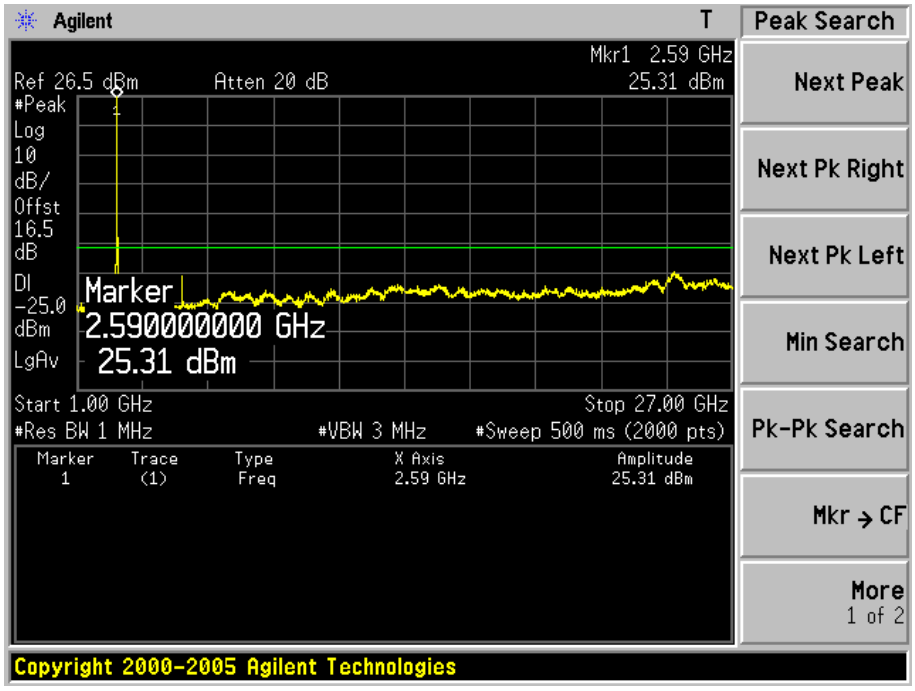
Low Channel 39725(2503.50MHz) 1RB0



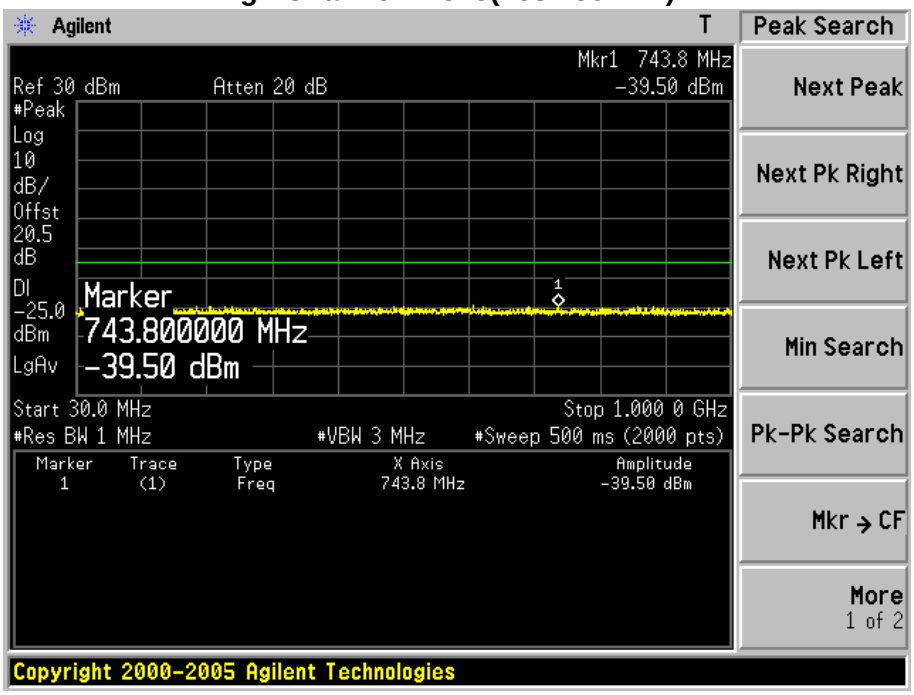


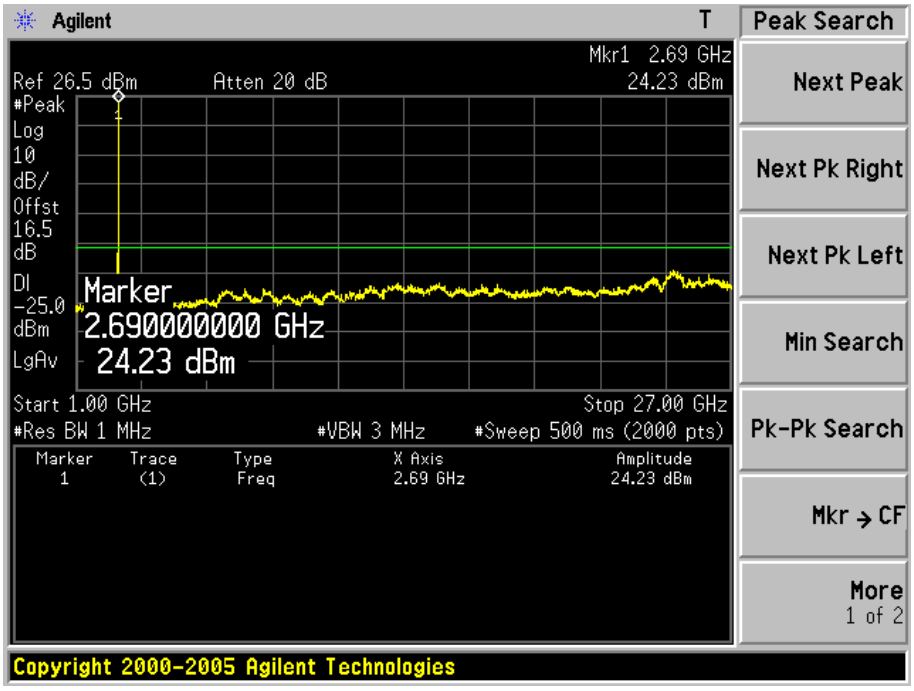
Mid Channel 40620 (2593.00MHz) 1RB0





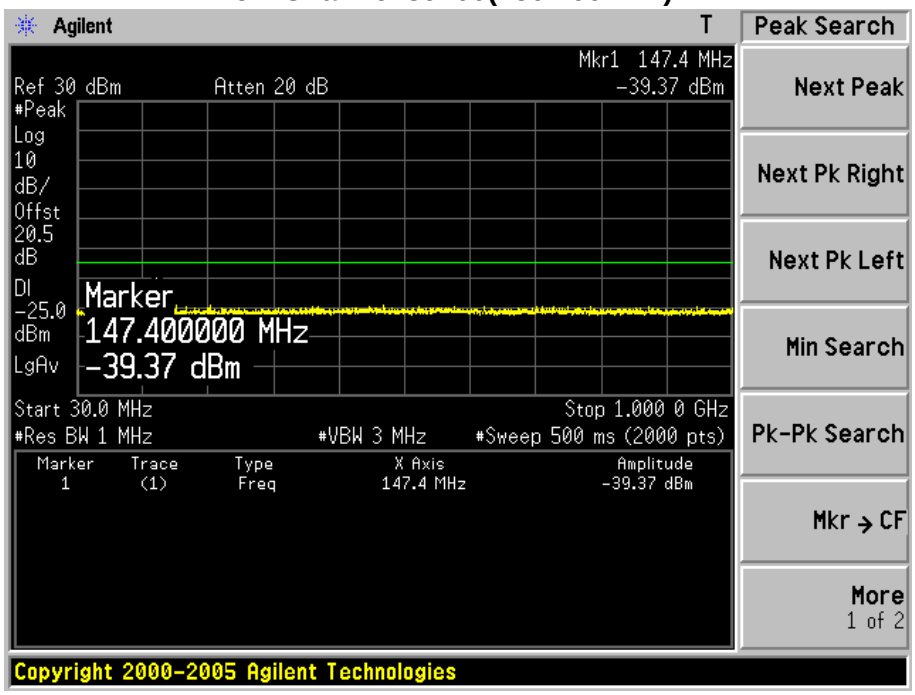
High Channel 41515(2682.50MHz) 1RB74

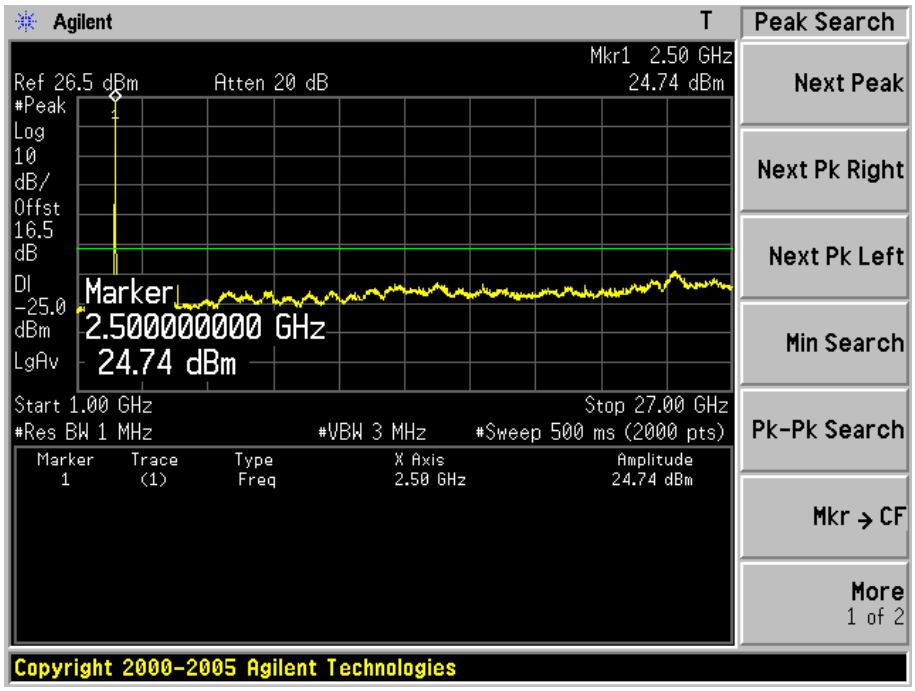




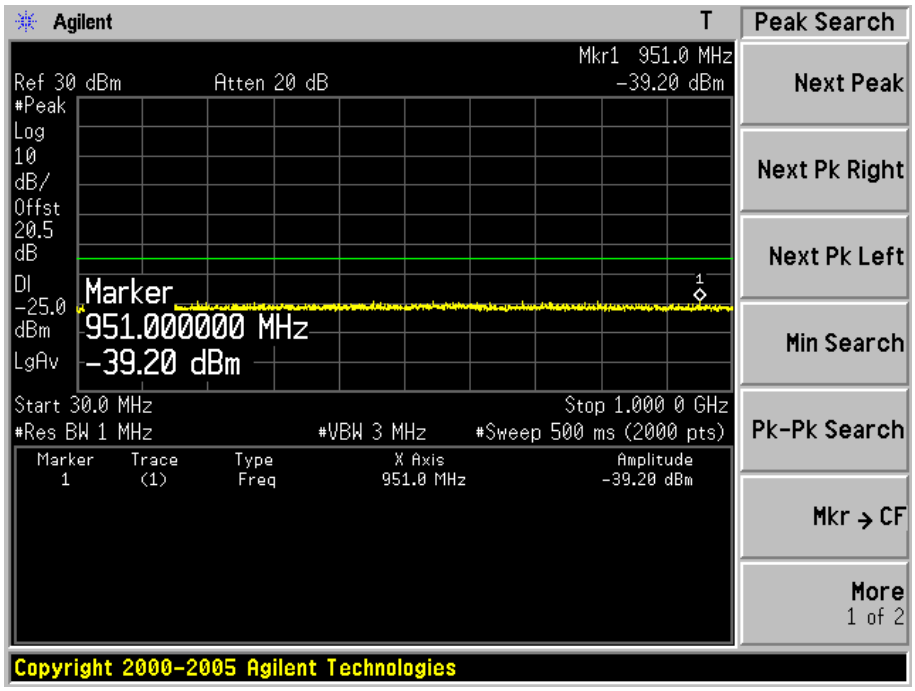
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (10M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

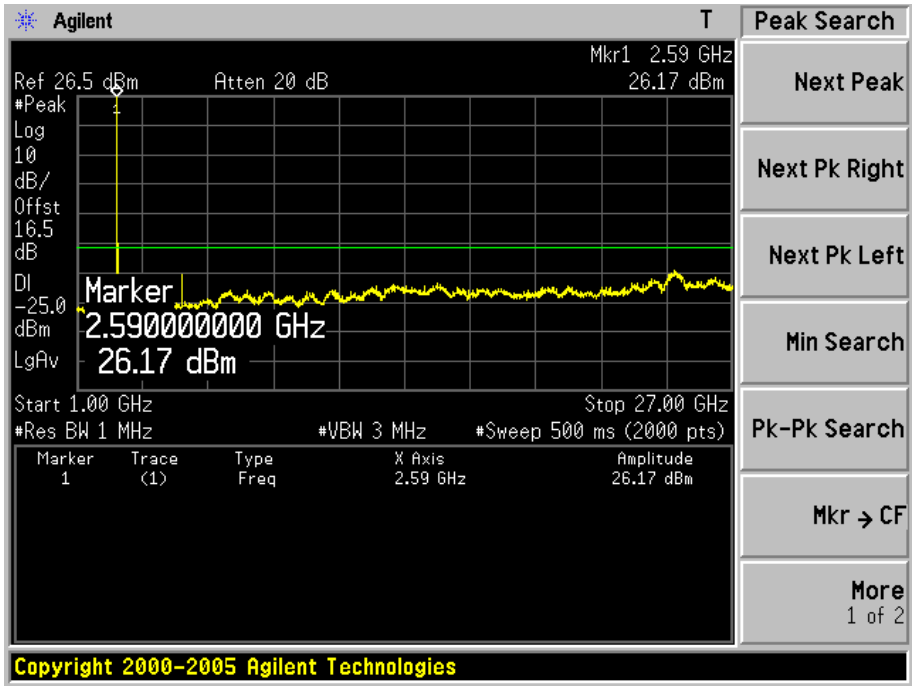
Low Channel 39700(2501.00MHz) 1RB24



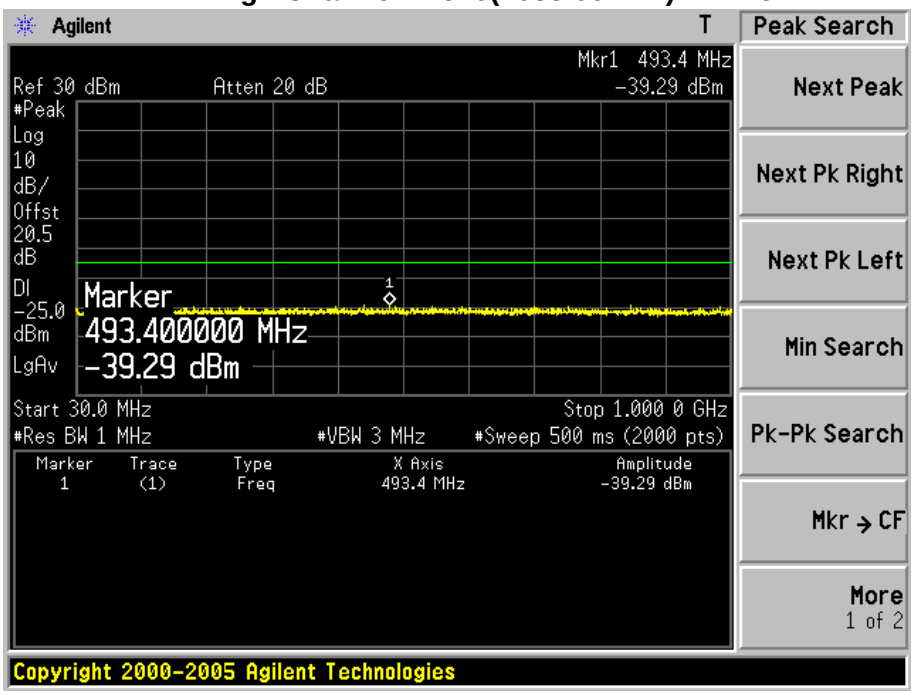


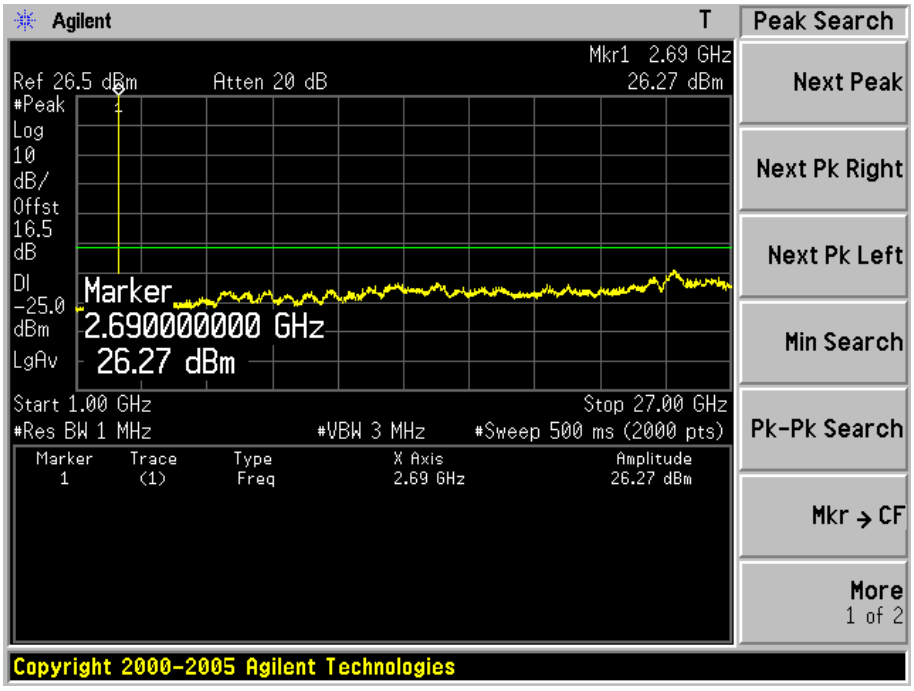
Mid Channel 40620(2593.00MHz) 1RB0





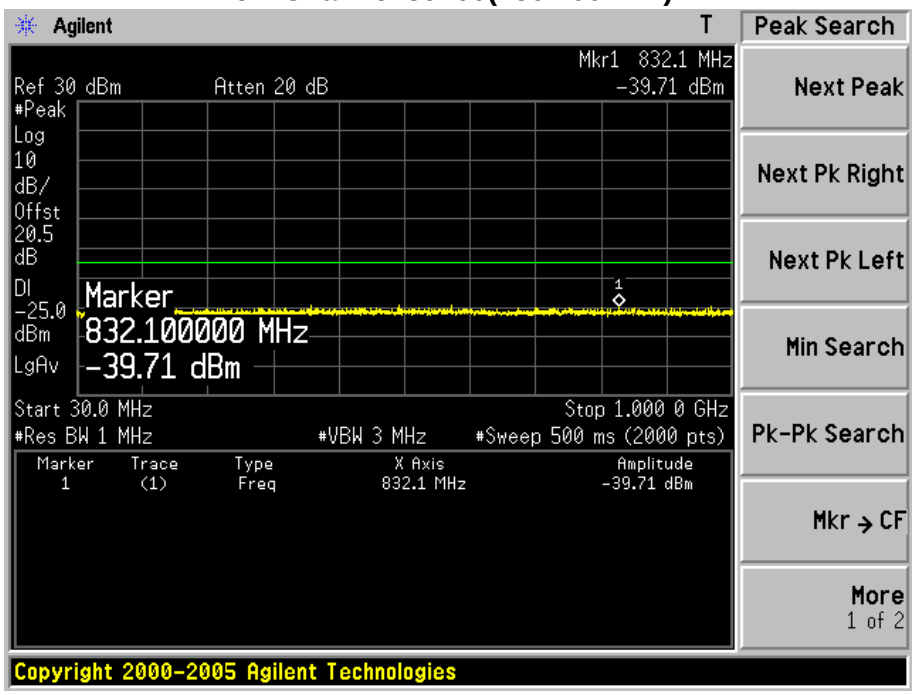
High Channel 41540(2685.00MHz) 1RB49

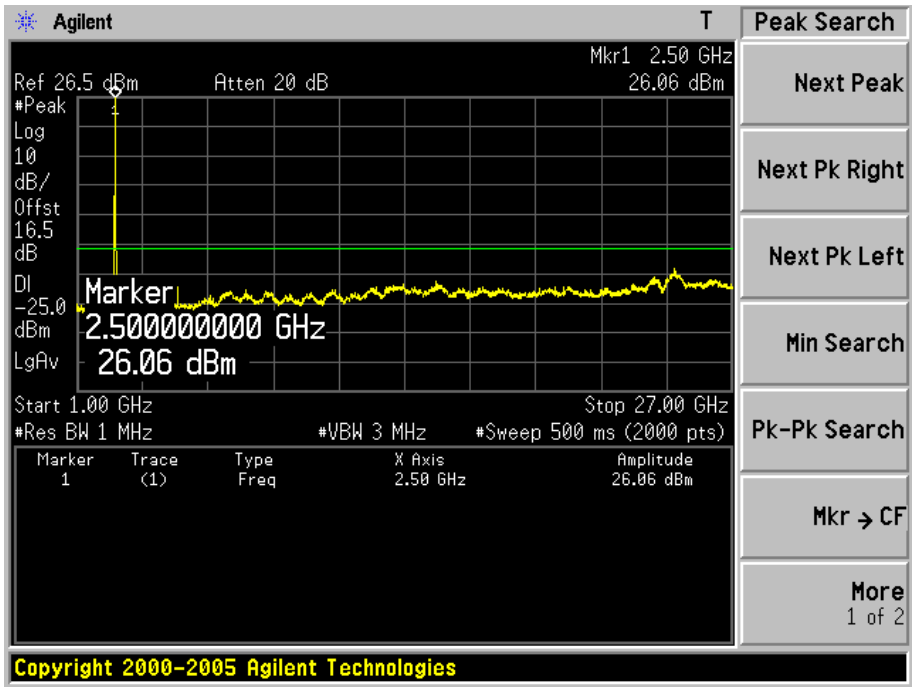




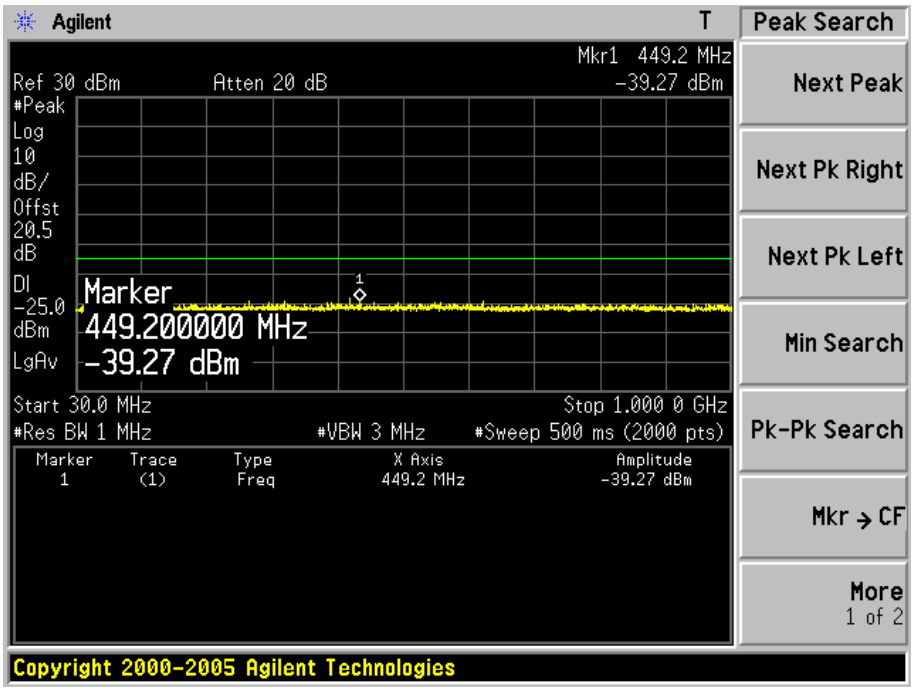
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (10M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

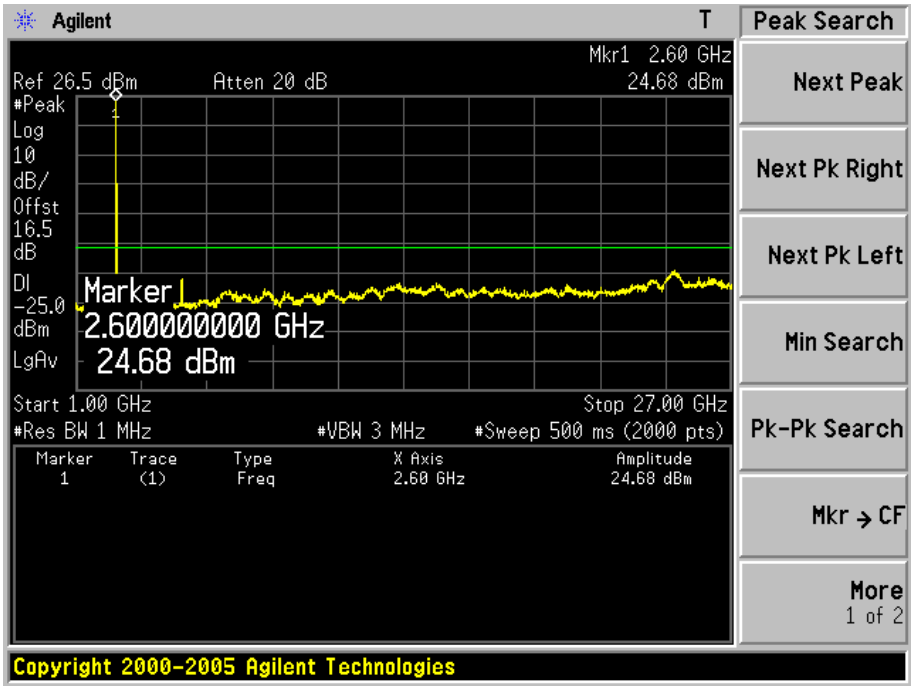
Low Channel 39700(2501.00MHz) 1RB24



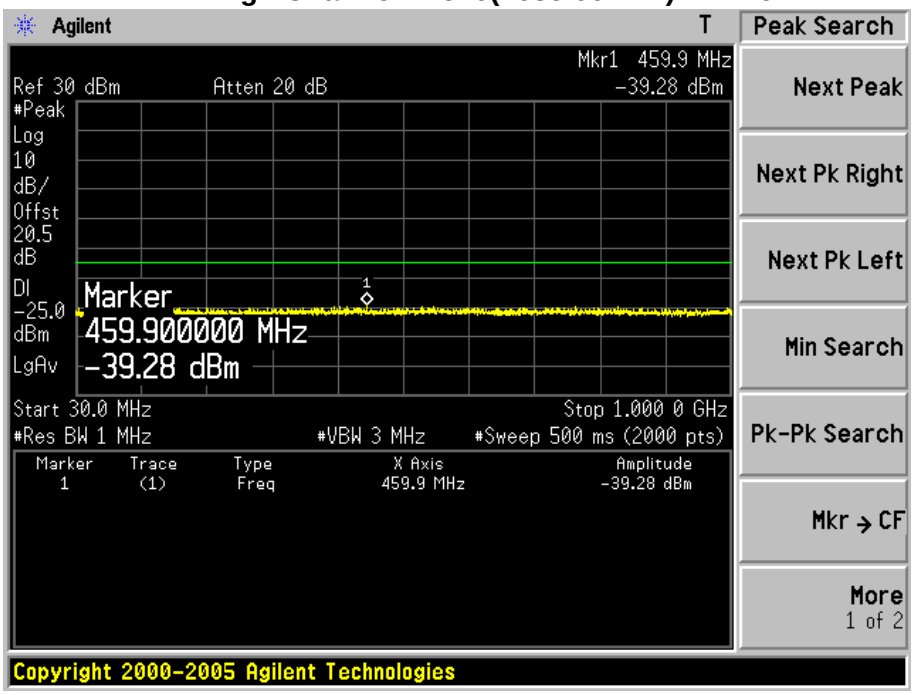


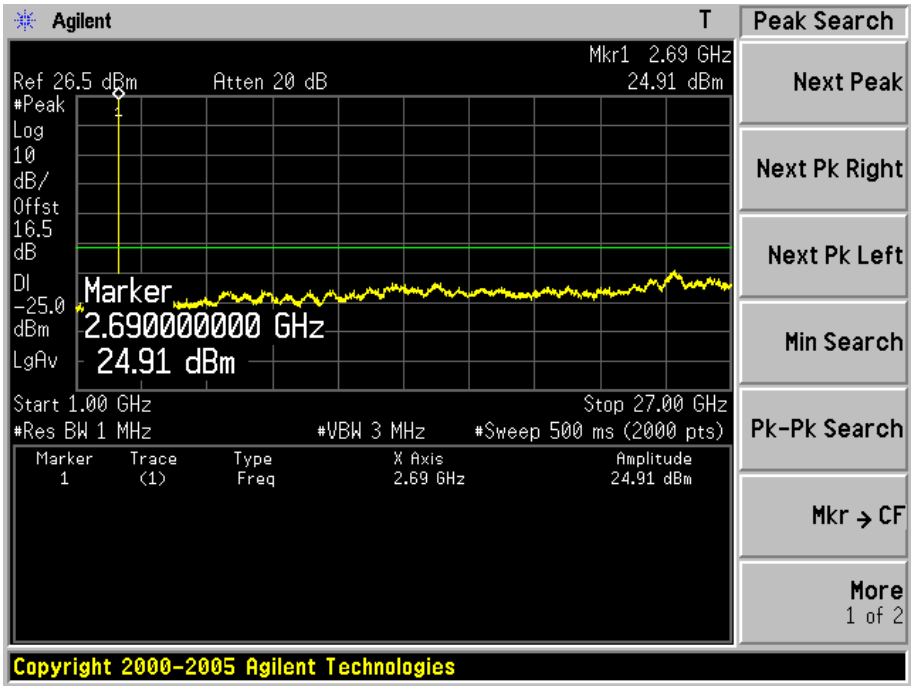
Mid Channel 40620(2593.00MHz) 1RB49





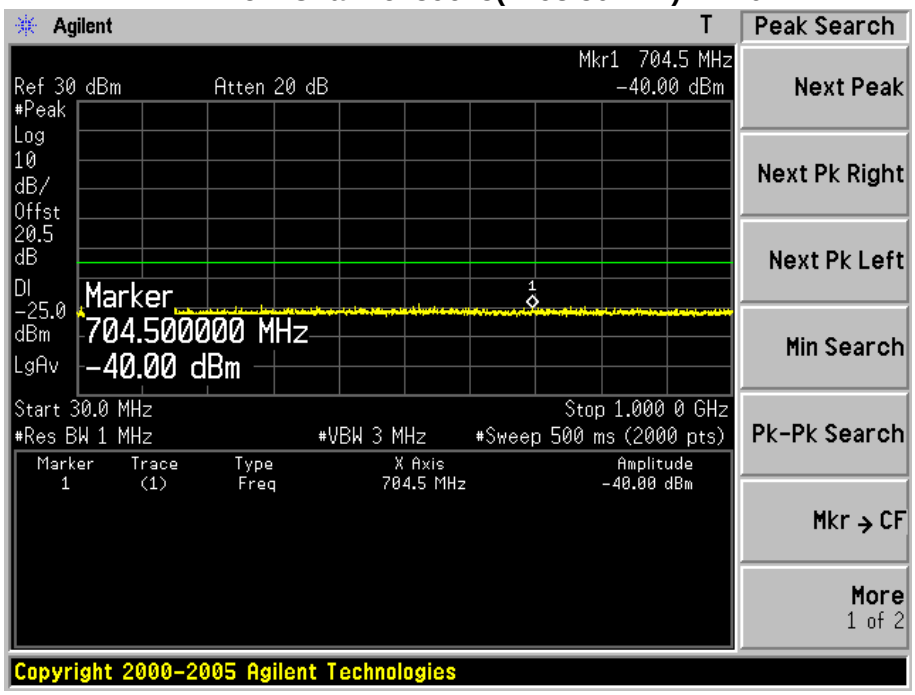
High Channel 41540(2685.00MHz) 1RB49

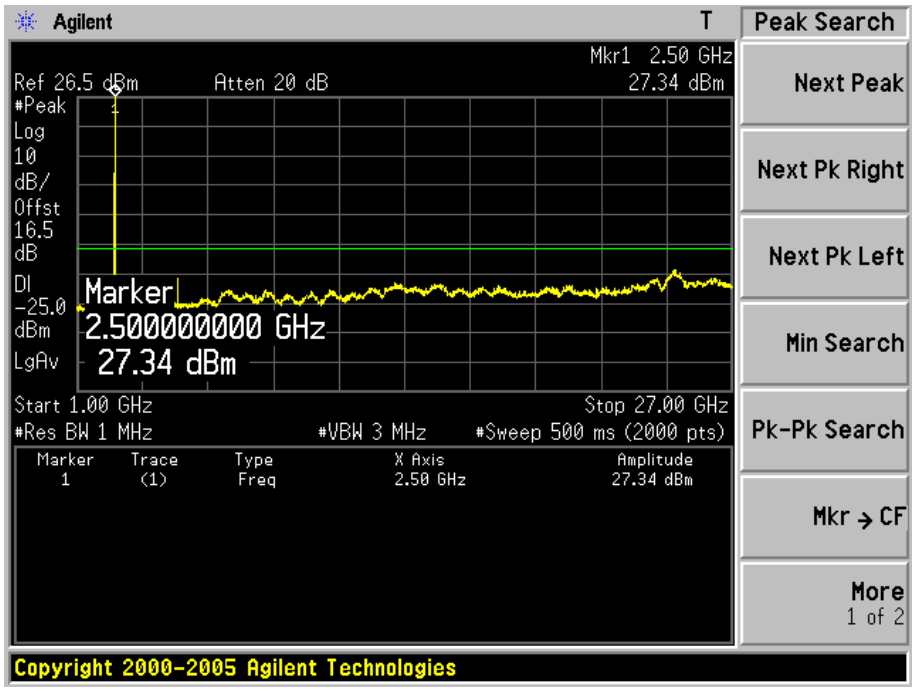




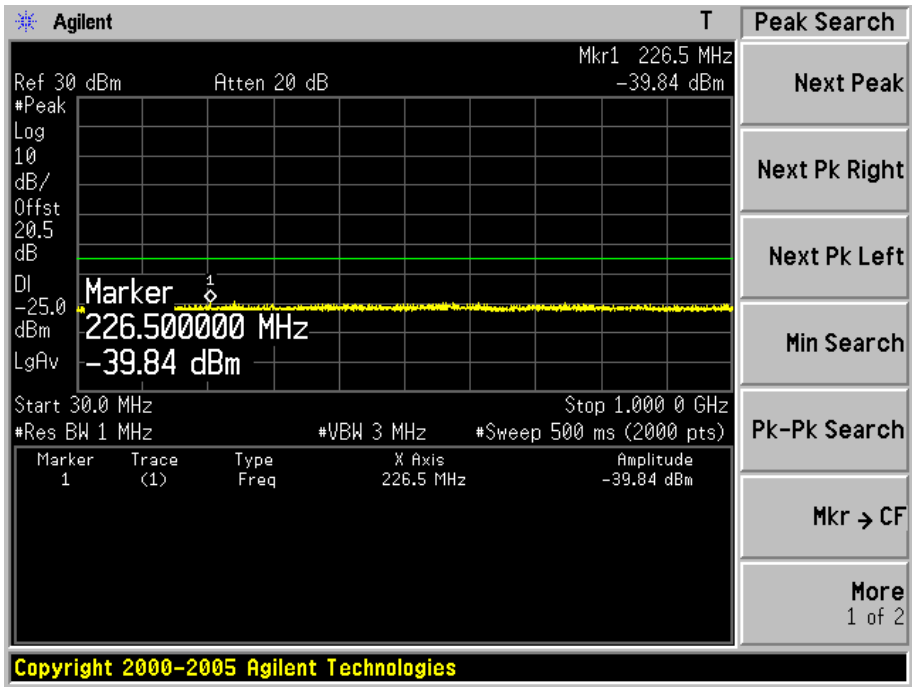
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (5M/QPSK)		
Date of Test	2014/12/26	Test Site	TR8

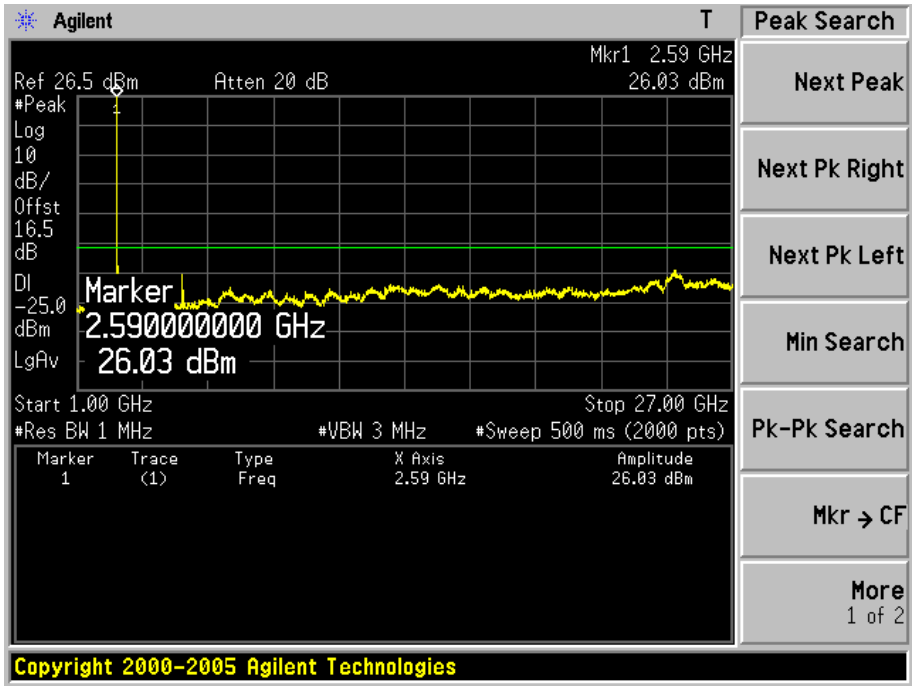
Low Channel 39675(2498.50MHz) 1RB0



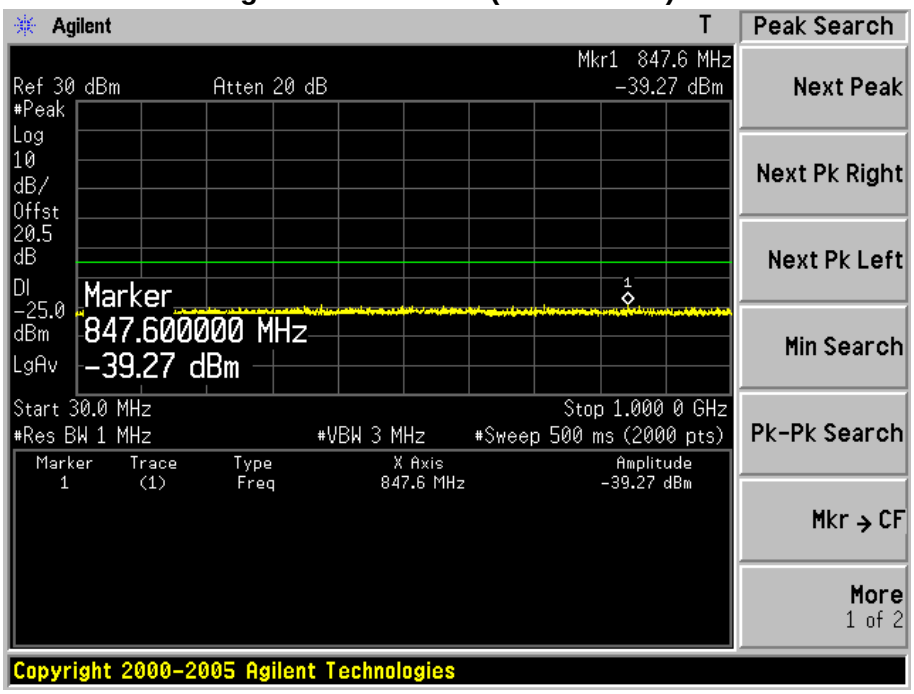


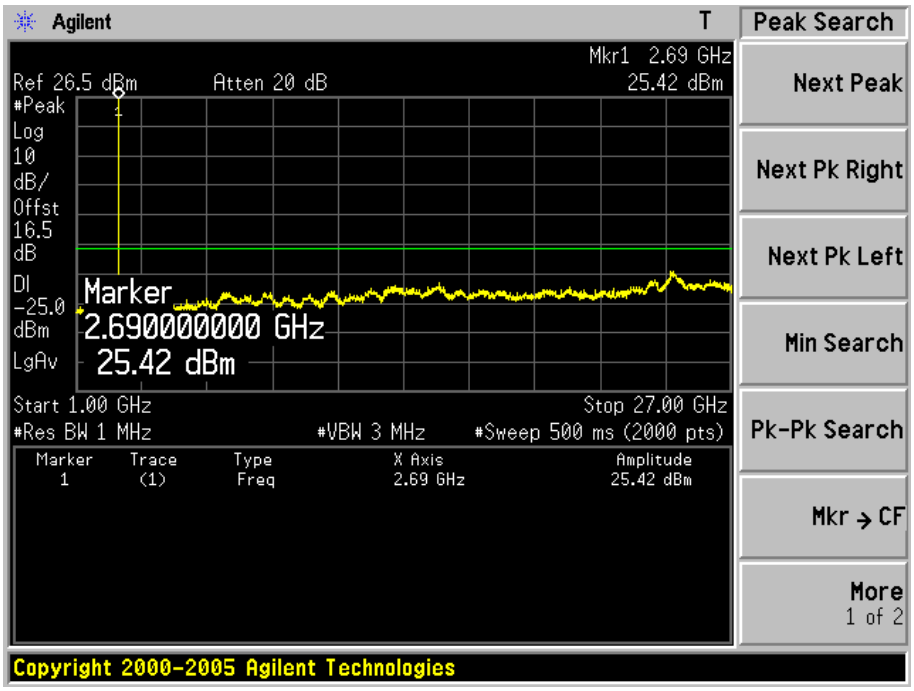
Mid Channel 40620(2593.00MHz) 1RB0





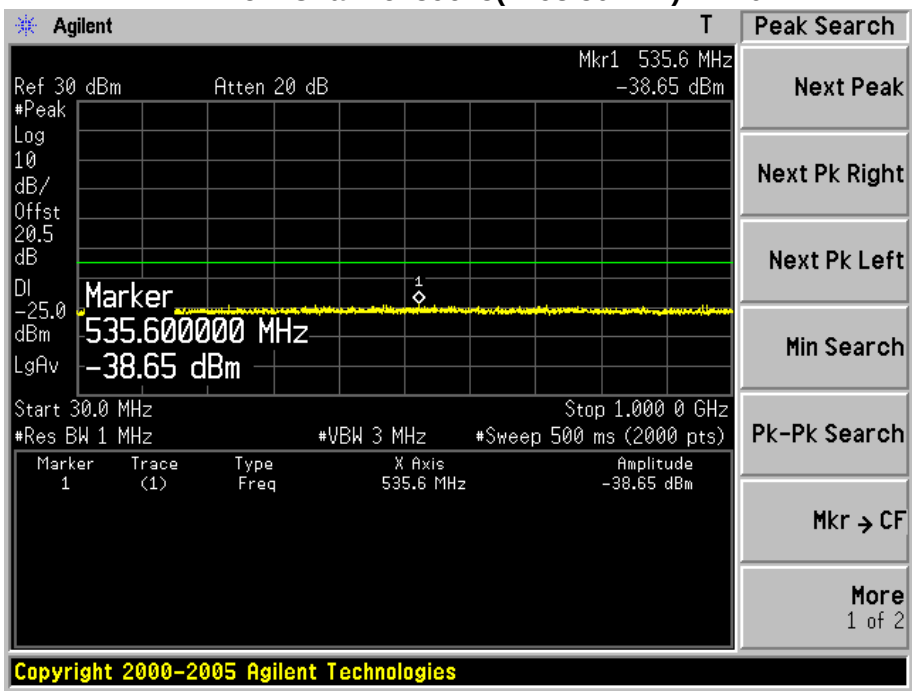
High Channel 41565(2687.50MHz) 1RB24

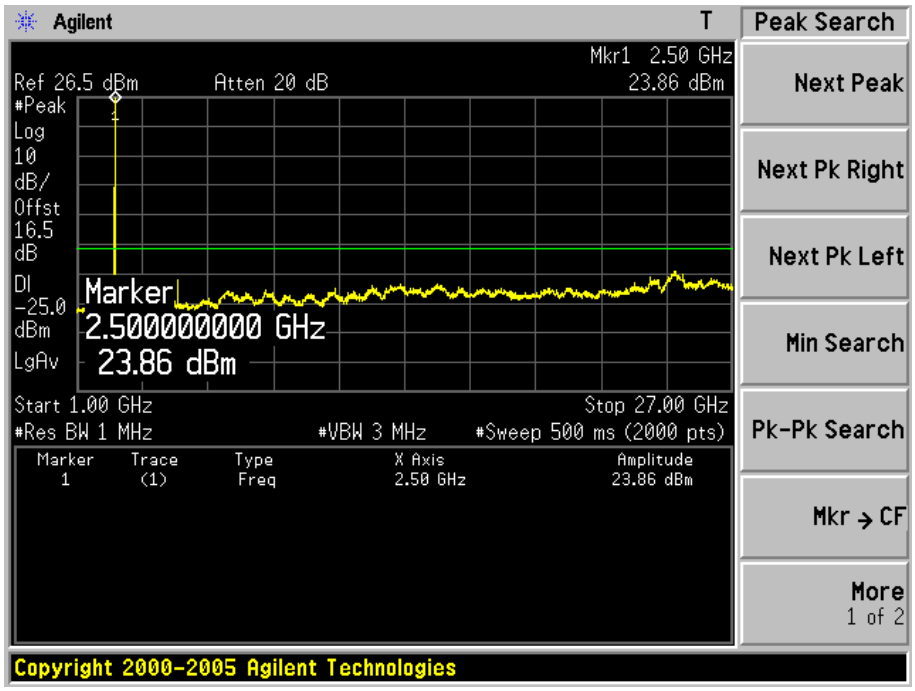




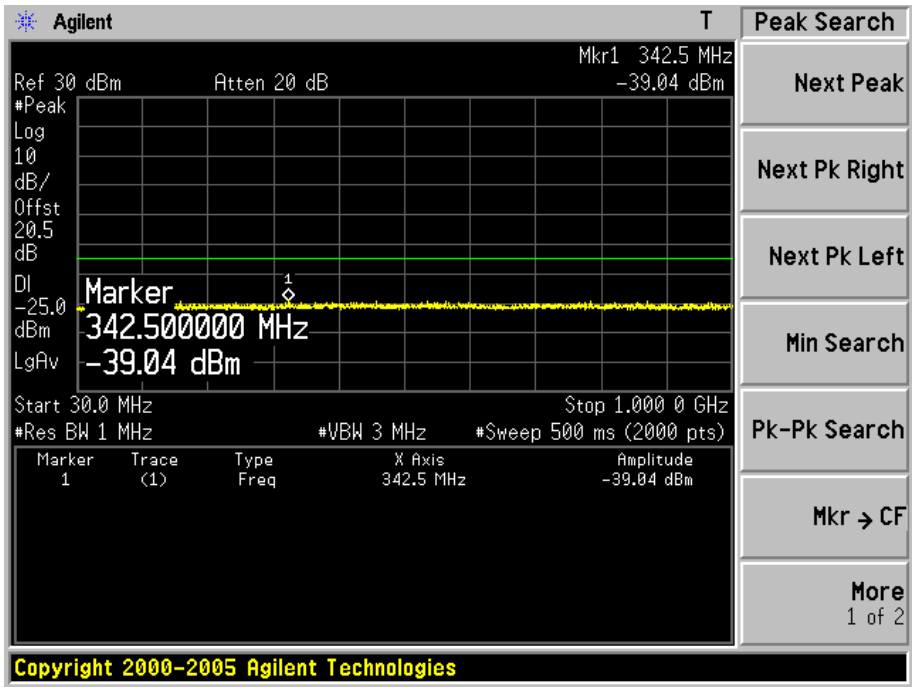
Product	Wireless Module		
Test Item	Conducted Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (5M/16QAM)		
Date of Test	2014/12/26	Test Site	TR8

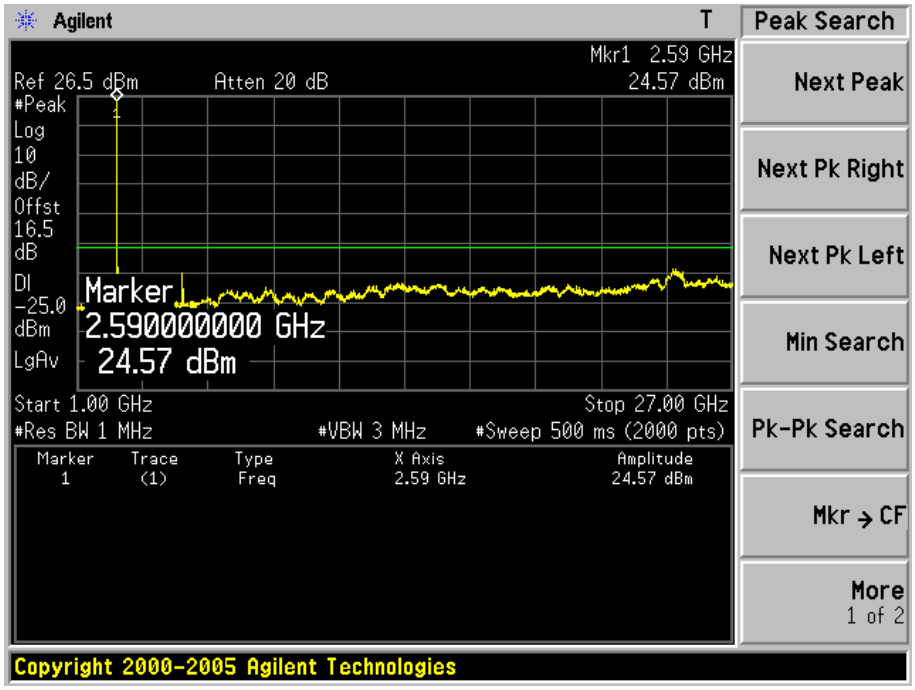
Low Channel 39675(2498.50MHz) 1RB0



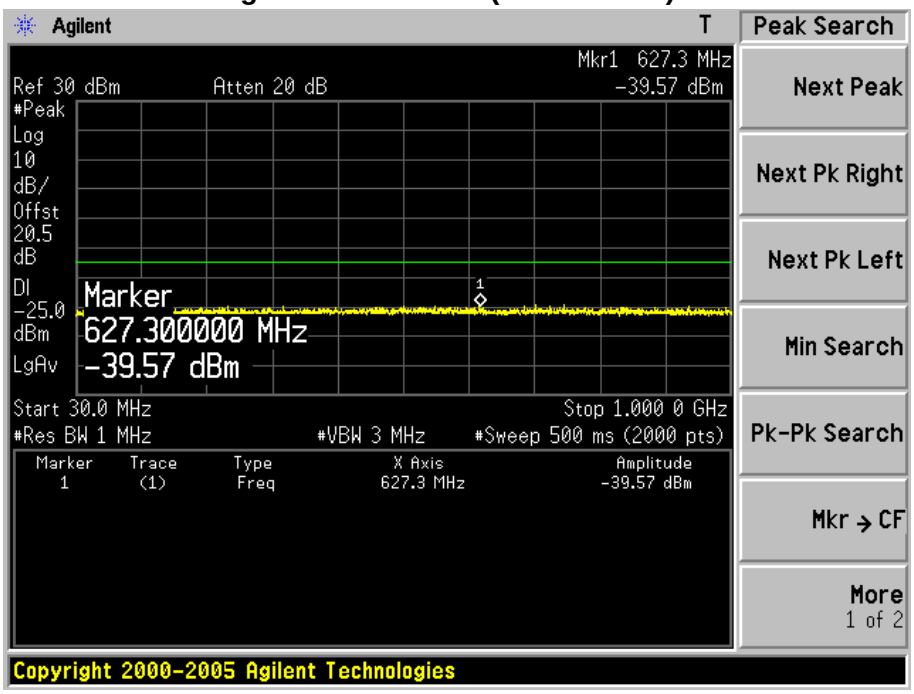


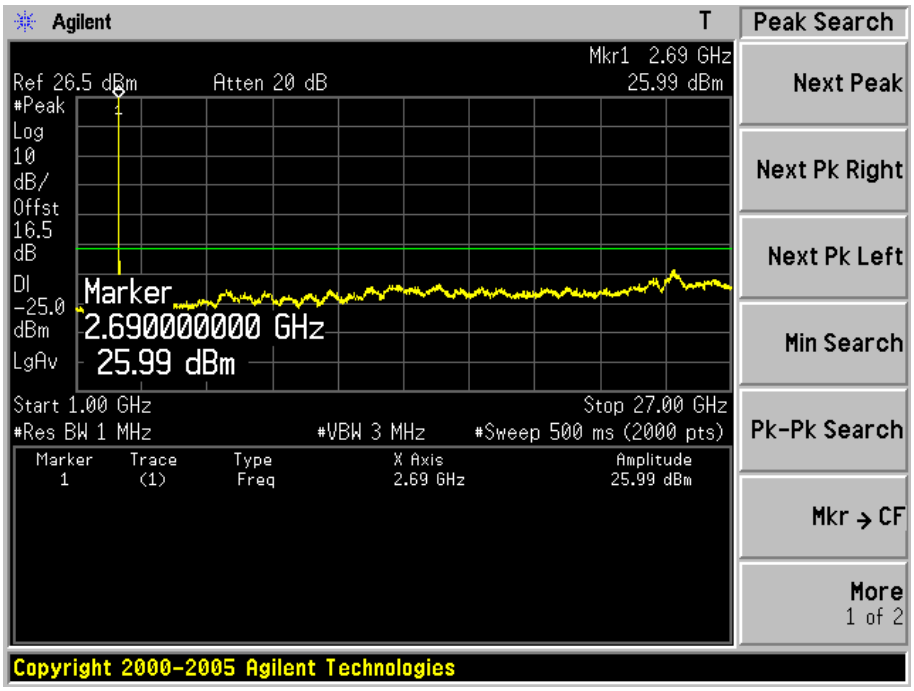
Mid Channel 40620(2593.00MHz) 1RB0





High Channel 41565(2687.50MHz) 1RB24





Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (20M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 20050 (1720.00MHz) 1RB49								
3440.00	-53.58	V	-53.07	1.54	12.82	-41.79	-13.00	-28.79
5160.50	-63.03	V	-58.37	1.93	12.82	-47.48	-13.00	-34.48
3440.00	-55.21	H	-55.12	1.54	12.81	-43.85	-13.00	-30.85
5160.50	-62.38	H	-57.32	1.93	12.81	-46.44	-13.00	-33.44
Middle Channel 20175 (1732.50MHz) 1RB49								
3465.00	-55.62	V	-55.49	1.54	12.73	-44.30	-13.00	-31.30
5197.50	-62.83	V	-57.79	1.95	12.85	-46.89	-13.00	-33.89
3465.00	-53.08	H	-52.61	1.54	12.73	-41.42	-13.00	-28.42
5197.50	-62.75	H	-58.14	1.95	12.85	-47.24	-13.00	-34.24
High Channel 20300 (1745.00MHz) 1RB99								
3490.00	-48.87	V	-48.37	1.54	12.64	-37.27	-13.00	-24.27
5235.50	-60.33	V	-55.68	1.96	12.90	-44.74	-13.00	-31.74
3490.00	-54.44	H	-53.75	1.54	12.64	-42.65	-13.00	-29.65
5235.50	-62.10	H	-57.50	1.96	12.90	-46.56	-13.00	-33.56

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (20M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 20050 (1720.00MHz) 1RB49								
3440.00	-48.26	V	-48.29	1.54	12.82	-37.01	-13.00	-24.01
5160.50	-58.92	V	-53.80	1.93	12.82	-42.91	-13.00	-29.91
3440.00	-55.62	H	-55.57	1.54	12.81	-44.30	-13.00	-31.30
5160.50	-62.83	H	-57.77	1.93	12.81	-46.89	-13.00	-33.89
Middle Channel 20175 (1732.50MHz) 1RB49								
3465.00	-53.96	V	-53.70	1.54	12.73	-42.51	-13.00	-29.51
5197.50	-63.49	V	-58.74	1.95	12.85	-47.84	-13.00	-34.84
3465.00	-51.04	H	-50.78	1.54	12.73	-39.59	-13.00	-26.59
5197.50	-57.23	H	-52.48	1.95	12.85	-41.58	-13.00	-28.58
High Channel 20300 (1745.00MHz) 1RB99								
3490.00	-49.60	V	-49.10	1.54	12.64	-38.00	-13.00	-25.00
5235.50	-59.72	V	-55.06	1.96	12.90	-44.12	-13.00	-31.12
3490.00	-52.20	H	-51.51	1.54	12.64	-40.41	-13.00	-27.41
5235.50	-61.03	H	-56.39	1.96	12.90	-45.45	-13.00	-32.45

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (15M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 20025 (1717.50MHz) 1RB0								
3435.00	-51.56	V	-51.23	1.54	12.83	-39.94	-13.00	-26.94
5152.50	-62.54	V	-57.11	1.93	12.81	-46.23	-13.00	-33.23
3435.00	-51.56	H	-51.23	1.54	12.83	-39.94	-13.00	-26.94
5152.50	-62.54	H	-57.11	1.93	12.81	-46.23	-13.00	-33.23
Middle Channel 20175 (1732.50MHz) 1RB74								
3465.00	-54.36	V	-54.06	1.54	12.73	-42.87	-13.00	-29.87
5197.50	-59.05	V	-54.31	1.95	12.85	-43.41	-13.00	-30.41
3465.00	-51.84	H	-51.33	1.54	12.73	-40.14	-13.00	-27.14
5197.50	-60.24	H	-55.58	1.95	12.85	-44.68	-13.00	-31.68
High Channel 20325 (1747.50MHz) 1RB74								
3495.00	-47.95	V	-47.42	1.54	12.62	-36.34	-13.00	-23.34
5242.50	-58.89	V	-54.26	1.96	12.91	-43.31	-13.00	-30.31
3495.00	-53.67	H	-52.96	1.54	12.62	-41.88	-13.00	-28.88
5242.50	-62.82	H	-58.22	1.96	12.91	-47.27	-13.00	-34.27

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (15M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 20025 (1717.50MHz) 1RB0								
3435.00	-52.07	V	-52.41	1.54	12.83	-41.12	-13.00	-28.12
5152.50	-59.55	V	-54.12	1.93	12.81	-43.24	-13.00	-30.24
3435.00	-52.07	H	-52.47	1.54	12.83	-41.18	-13.00	-28.18
5152.50	-59.55	H	-54.10	1.93	12.81	-43.22	-13.00	-30.22
Middle Channel 20175 (1732.50MHz) 1RB74								
3465.00	-51.84	V	-51.33	1.54	12.73	-40.14	-13.00	-27.14
5197.50	-60.24	V	-55.58	1.95	12.85	-44.68	-13.00	-31.68
3465.00	-51.84	H	-51.33	1.54	12.73	-40.14	-13.00	-27.14
5197.50	-60.24	H	-55.58	1.95	12.85	-44.68	-13.00	-31.68
High Channel 20325 (1747.50MHz) 1RB74								
3495.00	-49.51	V	-48.99	1.54	12.62	-37.91	-13.00	-24.91
5242.50	-58.54	V	-53.91	1.96	12.91	-42.96	-13.00	-29.96
3495.00	-53.58	H	-52.87	1.54	12.62	-41.79	-13.00	-28.79
5242.50	-63.03	H	-58.43	1.96	12.91	-47.48	-13.00	-34.48

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (10M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 20000 (1715.00MHz) 1RB0								
3430.00	-53.81	V	-54.21	1.54	12.87	-42.88	-13.00	-29.88
5145.00	-62.50	V	-57.06	1.93	12.79	-46.20	-13.00	-33.20
3430.00	-54.23	H	-54.67	1.54	12.87	-43.34	-13.00	-30.34
5145.00	-62.14	H	-56.68	1.93	12.79	-45.82	-13.00	-32.82
Middle Channel 20175 (1732.50MHz) 1RB49								
3465.00	-50.05	V	-49.84	1.54	12.73	-38.65	-13.00	-25.65
5197.50	-58.90	V	-54.17	1.95	12.85	-43.27	-13.00	-30.27
3465.00	-55.41	H	-54.91	1.54	12.73	-43.72	-13.00	-30.72
5197.50	-62.54	H	-57.90	1.95	12.85	-47.00	-13.00	-34.00
High Channel 20350 (1750.00MHz) 1RB49								
3500.00	-54.60	V	-54.06	1.54	12.61	-42.99	-13.00	-29.99
5250.00	-62.95	V	-58.37	1.93	12.93	-47.37	-13.00	-34.37
3500.00	-54.05	H	-53.33	1.54	12.61	-42.26	-13.00	-29.26
5250.00	-61.68	H	-57.13	1.93	12.93	-46.13	-13.00	-33.13

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (10M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 20000 (1715.00MHz) 1RB49								
3430.00	-53.60	V	-53.97	1.54	12.87	-42.64	-13.00	-29.64
5145.00	-57.17	V	-51.72	1.93	12.79	-40.86	-13.00	-27.86
3430.00	-53.60	H	-53.97	1.54	12.87	-42.64	-13.00	-29.64
5145.00	-57.17	H	-51.72	1.93	12.79	-40.86	-13.00	-27.86
Middle Channel 20175 (1732.50MHz) 1RB49								
3465.00	-53.32	V	-53.03	1.54	12.73	-41.84	-13.00	-28.84
5197.50	-58.41	V	-53.67	1.95	12.85	-42.77	-13.00	-29.77
3465.00	-53.53	H	-53.03	1.54	12.73	-41.84	-13.00	-28.84
5197.50	-60.67	H	-56.03	1.95	12.85	-45.13	-13.00	-32.13
High Channel 20350 (1750.00MHz) 1RB49								
3500.00	-47.84	V	-47.30	1.54	12.61	-36.23	-13.00	-23.23
5250.00	-59.68	V	-55.10	1.93	12.93	-44.10	-13.00	-31.10
3500.00	-51.56	H	-50.83	1.54	12.61	-39.76	-13.00	-26.76
5250.00	-63.18	H	-58.63	1.93	12.93	-47.63	-13.00	-34.63

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (5M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 19975 (1712.50MHz) 1RB12								
3425.00	-52.11	V	-52.46	1.53	12.87	-41.12	-13.00	-28.12
5137.50	-60.81	V	-55.43	1.93	12.78	-44.58	-13.00	-31.58
3425.00	-53.61	H	-53.80	1.53	12.67	-42.66	-13.00	-29.66
5137.50	-64.03	H	-57.14	1.93	11.30	-47.77	-13.00	-34.77
Middle Channel 20175 (1732.50MHz) 1RB0								
3465.00	-50.14	V	-49.90	1.54	12.73	-38.71	-13.00	-25.71
5197.50	-61.25	V	-56.44	1.95	12.85	-45.54	-13.00	-32.54
3465.00	-54.38	H	-53.93	1.54	12.73	-42.74	-13.00	-29.74
5197.50	-65.22	H	-59.44	1.95	12.85	-48.54	-13.00	-35.54
High Channel 20375 (1752.50MHz) 1RB0								
5257.50	-53.92	V	-52.76	1.54	12.01	-42.29	-13.00	-29.29
5257.50	-64.42	V	-59.81	1.96	12.94	-48.83	-13.00	-35.83
5257.50	-53.92	H	-52.76	1.54	12.01	-42.29	-13.00	-29.29
5257.50	-64.42	H	-59.81	1.96	12.94	-48.83	-13.00	-35.83

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (5M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 19975 (1712.50MHz) 1RB12								
3425.00	-53.61	V	-54.00	1.53	12.87	-42.66	-13.00	-29.66
5137.50	-64.03	V	-58.62	1.93	12.78	-47.77	-13.00	-34.77
3425.00	-53.98	H	-54.32	1.53	12.87	-42.98	-13.00	-29.98
5137.50	-63.21	H	-57.83	1.93	12.78	-46.98	-13.00	-33.98
Middle Channel 20175 (1732.50MHz) 1RB0								
3465.00	-49.47	V	-49.23	1.54	12.73	-38.04	-13.00	-25.04
5197.50	-60.90	V	-56.09	1.95	12.85	-45.19	-13.00	-32.19
3465.00	-53.92	H	-53.48	1.54	12.73	-42.29	-13.00	-29.29
5197.50	-64.42	H	-59.73	1.95	12.85	-48.83	-13.00	-35.83
High Channel 20375 (1752.50MHz) 1RB0								
5257.50	-50.58	V	-49.48	1.54	12.01	-39.01	-13.00	-26.01
5257.50	-59.39	V	-54.71	1.96	12.94	-43.73	-13.00	-30.73
5257.50	-55.51	H	-54.20	1.54	12.01	-43.73	-13.00	-30.73
5257.50	-62.81	H	-58.08	1.96	12.94	-47.10	-13.00	-34.10

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (3M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 19965 (1711.50MHz) 1RB7								
3423.00	-52.22	V	-52.61	1.53	12.88	-41.26	-13.00	-28.26
5133.00	-57.40	V	-51.97	1.93	12.78	-41.12	-13.00	-28.12
3423.00	-55.12	H	-55.58	1.53	12.88	-44.23	-13.00	-31.23
5133.00	-64.20	H	-58.83	1.93	12.78	-47.98	-13.00	-34.98
Middle Channel 20175 (1732.50MHz) 1RB14								
3465.00	-51.93	V	-51.66	1.54	12.73	-40.47	-13.00	-27.47
5197.50	-58.10	V	-53.37	1.95	12.85	-42.47	-13.00	-29.47
3465.00	-52.14	H	-51.66	1.54	12.73	-40.47	-13.00	-27.47
5197.50	-63.32	H	-58.72	1.95	12.85	-47.82	-13.00	-34.82
High Channel 20385 (1753.50MHz) 1RB7								
3507.00	-49.08	V	-47.94	1.54	12.00	-37.48	-13.00	-24.48
5260.50	-59.58	V	-54.97	1.96	12.94	-43.99	-13.00	-30.99
3507.00	-54.81	H	-53.47	1.54	12.00	-43.01	-13.00	-30.01
5260.50	-62.42	H	-57.83	1.96	12.94	-46.85	-13.00	-33.85

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (3M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 19965 (1711.50MHz) 1RB7								
3423.00	-52.83	V	-53.22	1.53	12.88	-41.87	-13.00	-28.87
5133.00	-57.78	V	-52.35	1.93	12.78	-41.50	-13.00	-28.50
3423.00	-52.76	H	-53.22	1.53	12.88	-41.87	-13.00	-28.87
5133.00	-60.88	H	-55.44	1.93	12.78	-44.59	-13.00	-31.59
Middle Channel 20175 (1732.50MHz) 1RB14								
3465.00	-52.69	V	-52.42	1.54	12.73	-41.23	-13.00	-28.23
5197.50	-63.12	V	-58.39	1.95	12.85	-47.49	-13.00	-34.49
3465.00	-54.85	H	-54.37	1.54	12.73	-43.18	-13.00	-30.18
5197.50	-61.22	H	-56.62	1.95	12.85	-45.72	-13.00	-32.72
High Channel 20385 (1753.50MHz) 1RB7								
3507.00	-48.21	V	-47.07	1.54	12.00	-36.61	-13.00	-23.61
5260.50	-59.13	V	-54.52	1.96	12.94	-43.54	-13.00	-30.54
3507.00	-52.98	H	-51.65	1.54	12.00	-41.19	-13.00	-28.19
5260.50	-64.23	H	-58.57	1.96	12.94	-47.59	-13.00	-34.59

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (1.4M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 19957 (1710.70MHz) 3RB2								
3421.40	-52.42	V	-52.56	1.60	12.70	-41.46	-13.00	-28.46
5132.10	-58.02	V	-52.84	2.02	13.14	-41.72	-13.00	-28.72
3421.40	-52.99	H	-53.20	1.60	12.70	-42.10	-13.00	-29.10
5132.10	-60.06	H	-54.86	2.02	13.14	-43.74	-13.00	-30.74
Middle Channel 20175 (1732.50MHz) 1RB5								
3465.00	-52.79	V	-53.09	1.54	12.73	-41.90	-13.00	-28.90
5197.50	-64.05	V	-58.63	1.95	12.85	-47.73	-13.00	-34.73
3465.00	-62.37	H	-61.80	1.54	12.73	-50.61	-13.00	-37.61
5197.50	-64.91	H	-59.11	1.95	12.85	-48.21	-13.00	-35.21
High Channel 20393 (1754.30MHz) 1RB0								
3508.60	-49.90	V	-49.40	1.63	12.74	-38.29	-13.00	-25.29
5262.90	-59.35	V	-54.80	2.06	13.11	-43.75	-13.00	-30.75
3508.60	-49.90	H	-49.40	1.63	12.74	-38.29	-13.00	-25.29
5262.90	-59.35	H	-54.80	2.06	13.11	-43.75	-13.00	-30.75

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 1: LTE Band 4 (1.4M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 19957 (1710.70MHz) 3RB1								
3421.40	-52.99	V	-53.20	1.60	12.70	-42.10	-13.00	-29.10
5132.10	-60.06	V	-54.86	2.02	13.14	-43.74	-13.00	-30.74
3421.40	-52.79	H	-53.00	1.60	12.70	-41.90	-13.00	-28.90
5132.10	-64.05	H	-58.85	2.02	13.14	-47.73	-13.00	-34.73
Middle Channel 20175 (1732.50MHz) 3RB0								
3465.00	-62.57	V	-62.55	1.54	12.73	-51.36	-13.00	-38.36
5197.50	-64.58	V	-59.03	1.95	12.85	-48.13	-13.00	-35.13
3465.00	-53.64	H	-53.17	1.54	12.73	-41.98	-13.00	-28.98
5197.50	-62.64	H	-58.05	1.95	12.85	-47.15	-13.00	-34.15
High Channel 20393 (1754.30MHz) 3RB1								
3508.60	-47.62	V	-47.12	1.63	12.74	-36.01	-13.00	-23.01
5262.90	-59.44	V	-54.89	2.06	13.11	-43.84	-13.00	-30.84
3508.60	-47.62	H	-47.12	1.63	12.74	-36.01	-13.00	-23.01
5262.90	-59.44	H	-54.89	2.06	13.11	-43.84	-13.00	-30.84

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (20M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26140 (1860.00MHz) 1RB0								
3720.00	-50.19	V	-48.97	1.60	12.69	-37.88	-13.00	-24.88
5580.00	-61.20	V	-55.48	2.02	13.14	-44.36	-13.00	-31.36
3720.00	-53.45	H	-52.31	1.60	12.69	-41.22	-13.00	-28.22
5580.00	-64.76	H	-59.38	2.02	13.14	-48.26	-13.00	-35.26
Middle Channel 26340(1880.00MHz) 1RB0								
3760.00	-49.41	V	-48.34	1.62	12.72	-37.24	-13.00	-24.24
5640.00	-61.34	V	-56.11	2.05	13.13	-45.03	-13.00	-32.03
3760.00	-54.62	H	-53.53	1.62	12.72	-42.43	-13.00	-29.43
5640.00	-64.48	H	-59.25	2.05	13.13	-48.17	-13.00	-35.17
High Channel 26590 (1905.00MHz) 1RB0								
3810.00	-50.05	V	-48.76	1.63	12.73	-37.66	-13.00	-24.66
5715.00	-58.44	V	-53.12	2.06	13.11	-42.07	-13.00	-29.07
3810.00	-53.83	H	-52.38	1.63	12.73	-41.28	-13.00	-28.28
5715.00	-64.99	H	-59.40	2.06	13.11	-48.35	-13.00	-35.35

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (20M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26140 (1860.00MHz) 1RB0								
3720.00	-50.26	V	-49.05	1.60	12.69	-37.96	-13.00	-24.96
5580.00	-57.64	V	-51.92	2.02	13.14	-40.80	-13.00	-27.80
3720.00	-53.04	H	-51.90	1.60	12.69	-40.81	-13.00	-27.81
5580.00	-64.18	H	-59.48	2.02	13.14	-48.36	-13.00	-35.36
Middle Channel 26340(1880.00MHz) 1RB0								
3760.00	-50.76	V	-49.69	1.62	12.72	-38.59	-13.00	-25.59
5640.00	-60.11	V	-54.88	2.05	13.13	-43.80	-13.00	-30.80
3760.00	-54.78	H	-53.69	1.62	12.72	-42.59	-13.00	-29.59
5640.00	-65.78	H	-60.11	2.05	13.13	-49.03	-13.00	-36.03
High Channel 26590 (1905.00MHz) 1RB0								
3810.00	-53.83	V	-52.38	1.63	12.73	-41.28	-13.00	-28.28
5715.00	-64.99	V	-59.40	2.06	13.11	-48.35	-13.00	-35.35
3810.00	-53.53	H	-52.08	1.63	12.73	-40.98	-13.00	-27.98
5715.00	-61.23	H	-56.10	2.06	13.11	-45.05	-13.00	-32.05

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (15M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26115 (1857.50MHz) 1RB0								
3715.00	-50.00	V	-48.79	1.60	12.69	-37.70	-13.00	-24.70
5572.50	-60.28	V	-54.56	2.02	13.14	-43.44	-13.00	-30.44
3715.00	-53.39	H	-52.26	1.60	12.69	-41.17	-13.00	-28.17
5572.50	-64.55	H	-59.46	2.02	13.14	-48.34	-13.00	-35.34
Middle Channel 26340 (1880.00MHz) 1RB74								
3760.00	-47.76	V	-46.59	1.62	12.72	-35.49	-13.00	-22.49
5640.00	-63.54	V	-58.98	2.05	13.13	-47.90	-13.00	-34.90
3760.00	-47.76	H	-46.59	1.62	12.72	-35.49	-13.00	-22.49
5640.00	-63.54	H	-58.98	2.05	13.13	-47.90	-13.00	-34.90
High Channel 26615 (1907.50MHz) 1RB0								
3815.00	-49.63	V	-48.30	1.63	12.73	-37.20	-13.00	-24.20
5722.50	-58.85	V	-53.36	2.07	13.11	-42.32	-13.00	-29.32
3815.00	-54.09	H	-52.57	1.63	12.73	-41.47	-13.00	-28.47
5722.50	-63.71	H	-58.32	2.07	13.11	-47.28	-13.00	-34.28

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (15M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26115 (1857.50MHz) 1RB0								
3715.00	-50.58	V	-49.37	1.60	12.69	-38.28	-13.00	-25.28
5572.50	-58.58	V	-52.86	2.02	13.14	-41.74	-13.00	-28.74
3715.00	-53.39	H	-52.25	1.60	12.69	-41.16	-13.00	-28.16
5572.50	-65.02	H	-59.58	2.02	13.14	-48.46	-13.00	-35.46
Middle Channel 26340 (1880.00MHz) 1RB74								
3760.00	-47.22	V	-46.05	1.62	12.72	-34.95	-13.00	-21.95
5640.00	-61.89	V	-56.82	2.05	13.13	-45.74	-13.00	-32.74
3760.00	-49.89	H	-48.60	1.62	12.72	-37.50	-13.00	-24.50
5640.00	-64.33	H	-59.65	2.05	13.13	-48.57	-13.00	-35.57
High Channel 26615 (1907.50MHz) 1RB37								
3815.00	-50.46	V	-49.12	1.63	12.73	-38.02	-13.00	-25.02
5722.50	-56.04	V	-50.56	2.07	13.11	-39.52	-13.00	-26.52
3815.00	-55.88	H	-54.37	1.63	12.73	-43.27	-13.00	-30.27
5722.50	-63.86	H	-58.59	2.07	13.11	-47.55	-13.00	-34.55

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (10M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26090 (1855.00MHz) 1RB24								
3710.00	-49.80	V	-48.61	1.60	12.69	-37.52	-13.00	-24.52
5565.00	-62.49	V	-56.84	2.02	13.14	-45.72	-13.00	-32.72
3710.00	-53.42	H	-52.29	1.60	12.69	-41.20	-13.00	-28.20
5565.00	-64.85	H	-59.24	2.02	13.14	-48.12	-13.00	-35.12
Middle Channel 26340 (1880.00MHz) 1RB49								
3760.00	-52.54	V	-51.43	1.62	12.72	-40.33	-13.00	-27.33
5640.00	-64.45	V	-58.79	2.05	13.13	-47.71	-13.00	-34.71
3760.00	-50.68	H	-49.43	1.62	12.72	-38.33	-13.00	-25.33
5640.00	-63.81	H	-59.36	2.05	13.13	-48.28	-13.00	-35.28
High Channel 26640 (1910.00MHz) 1RB49								
3820.00	-51.16	V	-49.84	1.63	12.73	-38.74	-13.00	-25.74
5730.00	-55.56	V	-49.47	2.08	13.10	-38.45	-13.00	-25.45
3820.00	-55.34	H	-53.89	1.63	12.73	-42.79	-13.00	-29.79
5730.00	-58.62	H	-53.06	2.08	13.10	-42.04	-13.00	-29.04

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (10M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26090 (1855.00MHz) 1RB24								
3710.00	-49.21	V	-48.02	1.60	12.69	-36.93	-13.00	-23.93
5565.00	-62.44	V	-56.79	2.02	13.14	-45.67	-13.00	-32.67
3710.00	-52.54	H	-51.42	1.60	12.69	-40.33	-13.00	-27.33
5565.00	-64.45	H	-58.83	2.02	13.14	-47.71	-13.00	-34.71
Middle Channel 26340 (1880.00MHz) 1RB49								
3760.00	-48.67	V	-47.52	1.62	12.72	-36.42	-13.00	-23.42
5640.00	-63.57	V	-58.51	2.05	13.13	-47.43	-13.00	-34.43
3760.00	-51.92	H	-50.67	1.62	12.72	-39.57	-13.00	-26.57
5640.00	-65.55	H	-59.93	2.05	13.13	-48.85	-13.00	-35.85
High Channel 26640 (1910.00MHz) 1RB49								
3820.00	-51.76	V	-50.44	1.63	12.73	-39.34	-13.00	-26.34
5730.00	-54.45	V	-48.37	2.08	13.10	-37.35	-13.00	-24.35
3820.00	-51.76	H	-50.44	1.63	12.73	-39.34	-13.00	-26.34
5730.00	-54.45	H	-48.37	2.08	13.10	-37.35	-13.00	-24.35

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (5M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26065 (1852.50MHz) 1RB12								
3705.00	-53.20	V	-52.00	1.60	12.69	-40.91	-13.00	-27.91
5557.50	-64.25	V	-58.11	2.02	13.14	-46.99	-13.00	-33.99
3705.00	-54.75	H	-53.62	1.60	12.69	-42.53	-13.00	-29.53
5557.50	-64.30	H	-59.62	2.02	13.14	-48.50	-13.00	-35.50
Middle Channel 26340 (1880.00MHz) 1RB24								
3760.00	-47.32	V	-46.19	1.62	12.72	-35.09	-13.00	-22.09
5640.00	-62.08	V	-57.02	2.05	13.13	-45.94	-13.00	-32.94
3760.00	-50.60	H	-49.39	1.62	12.72	-38.29	-13.00	-25.29
5640.00	-65.14	H	-59.56	2.05	13.13	-48.48	-13.00	-35.48
High Channel 26665 (1912.50MHz) 1RB24								
3825.00	-51.87	V	-50.54	1.63	12.72	-39.45	-13.00	-26.45
5737.50	-54.16	V	-48.06	2.08	13.10	-37.04	-13.00	-24.04
3825.00	-55.08	H	-53.61	1.63	12.72	-42.52	-13.00	-29.52
5737.50	-57.29	H	-51.71	2.08	13.10	-40.69	-13.00	-27.69

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (5M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26065 (1852.50MHz) 1RB7								
3705.00	-52.51	V	-51.29	1.60	12.69	-40.20	-13.00	-27.20
5557.50	-63.72	V	-58.94	2.02	13.14	-47.82	-13.00	-34.82
3705.00	-54.97	H	-53.83	1.60	12.69	-42.74	-13.00	-29.74
5557.50	-64.77	H	-59.21	2.02	13.14	-48.09	-13.00	-35.09
Middle Channel 26340 (1880.00MHz) 1RB14								
3760.00	-51.23	V	-50.10	1.62	12.72	-39.00	-13.00	-26.00
5640.00	-63.35	V	-58.29	2.05	13.13	-47.21	-13.00	-34.21
3760.00	-52.06	H	-50.85	1.62	12.72	-39.75	-13.00	-26.75
5640.00	-63.98	H	-57.96	2.05	13.13	-46.88	-13.00	-33.88
High Channel 26665 (1912.50MHz) 1RB7								
3825.00	-50.76	V	-49.43	1.63	12.72	-38.34	-13.00	-25.34
5737.50	-56.66	V	-50.56	2.08	13.10	-39.54	-13.00	-26.54
3825.00	-50.76	H	-49.43	1.63	12.72	-38.34	-13.00	-25.34
5737.50	-56.66	H	-50.56	2.08	13.10	-39.54	-13.00	-26.54

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (3M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26055 (1851.50MHz) 1RB7								
3703.00	-48.93	V	-47.72	1.60	12.69	-36.63	-13.00	-23.63
5554.50	-60.23	V	-54.51	2.02	13.14	-43.39	-13.00	-30.39
3703.00	-48.93	H	-47.72	1.60	12.69	-36.63	-13.00	-23.63
5554.50	-60.23	H	-54.51	2.02	13.14	-43.39	-13.00	-30.39
Middle Channel 26340 (1880.00MHz) 1RB14								
3760.00	-48.41	V	-47.30	1.62	12.72	-36.20	-13.00	-23.20
5640.00	-62.47	V	-57.41	2.05	13.13	-46.33	-13.00	-33.33
3760.00	-52.01	H	-50.82	1.62	12.72	-39.72	-13.00	-26.72
5640.00	-64.73	H	-59.25	2.05	13.13	-48.17	-13.00	-35.17
High Channel 26675 (1913.50MHz) 1RB7								
3827.00	-51.82	V	-50.99	1.63	12.72	-39.39	-13.00	-26.39
5740.50	-57.10	V	-50.37	2.08	13.10	-40.02	-13.00	-27.02
3827.00	-54.13	H	-54.39	1.63	12.72	-41.56	-13.00	-28.56
5740.50	-59.08	H	-50.55	2.08	13.10	-42.52	-13.00	-29.52

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (3M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26055 (1851.50MHz) 1RB7								
3703.00	-49.38	V	-48.16	1.60	12.69	-37.07	-13.00	-24.07
5554.50	-58.08	V	-52.36	2.02	13.14	-41.24	-13.00	-28.24
3703.00	-49.38	H	-48.16	1.60	12.69	-37.07	-13.00	-24.07
5554.50	-58.08	H	-52.36	2.02	13.14	-41.24	-13.00	-28.24
Middle Channel 26340 (1880.00MHz) 1RB14								
3760.00	-52.01	V	-50.82	1.62	12.72	-39.72	-13.00	-26.72
5640.00	-64.73	V	-59.25	2.05	13.13	-48.17	-13.00	-35.17
3760.00	-51.87	H	-50.68	1.62	12.72	-39.58	-13.00	-26.58
5640.00	-63.75	H	-58.25	2.05	13.13	-47.17	-13.00	-34.17
High Channel 26675 (1913.50MHz) 1RB7								
3827.00	-54.13	V	-52.65	1.63	12.72	-41.56	-13.00	-28.56
5740.50	-59.08	V	-53.54	2.08	13.10	-42.52	-13.00	-29.52
3827.00	-54.04	H	-52.57	1.63	12.72	-41.48	-13.00	-28.48
5740.50	-59.63	H	-54.09	2.08	13.10	-43.07	-13.00	-30.07

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (1.4M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26047 (1850.70MHz) 1RB5								
3701.40	-48.96	V	-47.69	1.61	12.65	-36.65	-13.00	-23.65
5558.10	-58.55	V	-52.83	2.01	13.13	-41.71	-13.00	-28.71
3701.40	-52.47	H	-51.09	1.61	12.65	-40.05	-13.00	-27.05
5558.10	-63.21	H	-58.60	2.01	13.13	-47.48	-13.00	-34.48
Middle Channel 26340 (1880.00MHz) 1RB0								
3760.00	-53.52	V	-52.40	1.62	12.72	-41.30	-13.00	-28.30
5640.00	-59.85	V	-54.72	2.05	13.13	-43.64	-13.00	-30.64
3760.00	-53.52	H	-52.40	1.62	12.72	-41.30	-13.00	-28.30
5640.00	-61.85	H	-56.72	2.05	13.13	-45.64	-13.00	-32.64
High Channel 26683 (1914.30MHz) 3RB2								
3828.60	-52.25	V	-51.18	1.61	12.72	-40.07	-13.00	-27.07
5742.90	-63.87	V	-58.74	2.07	13.10	-47.71	-13.00	-34.71
3828.60	-55.44	H	-54.29	1.62	12.72	-43.19	-13.00	-30.19
5742.90	-65.23	H	-60.66	2.07	13.10	-49.63	-13.00	-36.63

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 2: LTE Band 25 (1.4M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26047 (1850.70MHz) 1RB5								
3701.40	-50.22	V	-48.96	1.61	12.65	-37.92	-13.00	-24.92
5558.10	-58.85	V	-53.13	2.01	13.13	-42.01	-13.00	-29.01
3701.40	-53.52	H	-52.34	1.61	12.65	-41.30	-13.00	-28.30
5558.10	-61.85	H	-56.76	2.01	13.13	-45.64	-13.00	-32.64
Middle Channel 26340 (1880.00MHz) 1RB0								
3760.00	-52.25	V	-51.17	1.62	12.72	-40.07	-13.00	-27.07
5640.00	-63.87	V	-58.79	2.05	13.13	-47.71	-13.00	-34.71
3760.00	-55.44	H	-54.29	1.62	12.72	-43.19	-13.00	-30.19
5640.00	-65.23	H	-60.71	2.05	13.13	-49.63	-13.00	-36.63
High Channel 26683 (1914.30MHz) 3RB2								
3828.60	-53.67	V	-52.36	1.61	12.72	-41.25	-13.00	-28.25
5742.90	-57.50	V	-51.42	2.07	13.10	-40.39	-13.00	-27.39
3828.60	-56.42	H	-54.96	1.62	12.72	-43.86	-13.00	-30.86
5742.90	-56.95	H	-51.39	2.07	13.10	-40.36	-13.00	-27.36

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (15M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26765 (821.50MHz) 1RB74								
1643.00	-44.20	V	-48.21	1.00	9.73	-39.48	-13.00	-26.48
2464.50	-62.58	V	-63.86	1.27	11.45	-53.68	-13.00	-40.68
1643.00	-48.60	H	-52.59	1.00	9.73	-43.86	-13.00	-30.86
2464.50	-63.63	H	-64.74	1.27	11.45	-54.56	-13.00	-41.56
Middle Channel 26865 (831.50MHz) 1RB74								
1663.00	-45.89	V	-49.98	1.01	9.87	-41.12	-13.00	-28.12
2494.50	-62.36	V	-62.83	1.27	10.57	-53.53	-13.00	-40.53
1663.00	-50.97	H	-54.59	1.01	9.87	-45.73	-13.00	-32.73
2494.50	-61.21	H	-61.11	1.27	10.57	-51.81	-13.00	-38.81
High Channel 26965 (841.50MHz) 1RB37								
1683.00	-45.89	V	-50.11	1.02	10.01	-41.12	-13.00	-28.12
2524.50	-62.36	V	-62.89	1.28	10.64	-53.53	-13.00	-40.53
1683.00	-50.97	H	-54.72	1.02	10.01	-45.73	-13.00	-32.73
2524.50	-61.21	H	-61.17	1.28	10.64	-51.81	-13.00	-38.81

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (15M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26765 (821.50MHz) 1RB74								
1643.00	-43.66	V	-47.67	1.00	9.73	-38.94	-13.00	-25.94
2464.50	-63.14	V	-65.41	1.27	11.45	-55.23	-13.00	-42.23
1643.00	-48.79	H	-52.79	1.00	9.73	-44.06	-13.00	-31.06
2464.50	-63.02	H	-64.55	1.27	11.45	-54.37	-13.00	-41.37
Middle Channel 26865 (831.50MHz) 1RB37								
1663.00	-46.13	V	-50.22	1.01	9.87	-41.36	-13.00	-28.36
2494.50	-62.28	V	-63.15	1.27	10.57	-53.85	-13.00	-40.85
1663.00	-47.52	H	-55.04	1.01	9.87	-46.18	-13.00	-33.18
2494.50	-57.54	H	-62.21	1.27	10.57	-52.91	-13.00	-39.91
High Channel 26965 (841.50MHz) 1RB37								
1683.00	-46.13	V	-50.35	1.02	10.01	-41.36	-13.00	-28.36
2524.50	-62.28	V	-63.21	1.28	10.64	-53.85	-13.00	-40.85
1683.00	-47.52	H	-55.17	1.02	10.01	-46.18	-13.00	-33.18
2524.50	-57.54	H	-62.27	1.28	10.64	-52.91	-13.00	-39.91

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (10M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26740 (819.00MHz) 1RB49								
1638.00	-48.43	V	-52.44	1.00	9.70	-43.74	-13.00	-30.74
2457.00	-61.75	V	-62.40	1.27	10.42	-53.25	-13.00	-40.25
1638.00	-48.43	H	-52.44	1.00	9.70	-43.74	-13.00	-30.74
2457.00	-61.75	H	-62.40	1.27	10.42	-53.25	-13.00	-40.25
Middle Channel 26865 (831.50MHz) 1RB49								
1663.00	-47.56	V	-51.74	1.01	9.87	-42.88	-13.00	-29.88
2494.50	-62.14	V	-62.38	1.27	10.57	-53.08	-13.00	-40.08
1663.00	-53.60	H	-57.84	1.01	9.87	-48.98	-13.00	-35.98
2494.50	-63.06	H	-63.02	1.27	10.57	-53.72	-13.00	-40.72
High Channel 26990 (844.00MHz) 1RB0								
1688.00	-44.30	V	-48.56	1.02	10.04	-39.54	-13.00	-26.54
2532.00	-62.13	V	-63.45	1.28	10.65	-54.08	-13.00	-41.08
1688.00	-49.99	H	-53.98	1.02	10.04	-44.96	-13.00	-31.96
2532.00	-62.11	H	-62.28	1.28	10.65	-52.91	-13.00	-39.91

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (10M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26740 (819.00MHz) 1RB49								
1638.00	-45.09	V	-49.02	1.00	9.70	-40.32	-13.00	-27.32
2457.00	-63.17	V	-63.54	1.27	10.42	-54.39	-13.00	-41.39
1638.00	-49.50	H	-53.17	1.00	9.70	-44.47	-13.00	-31.47
2457.00	-62.60	H	-63.13	1.27	10.42	-53.98	-13.00	-40.98
Middle Channel 26865 (831.50MHz) 1RB49								
1663.00	-45.30	V	-49.40	1.01	9.87	-40.54	-13.00	-27.54
2494.50	-63.13	V	-64.38	1.27	10.57	-55.08	-13.00	-42.08
1663.00	-50.99	H	-54.82	1.01	9.87	-45.96	-13.00	-32.96
2494.50	-63.11	H	-63.21	1.27	10.57	-53.91	-13.00	-40.91
High Channel 26990 (844.00MHz) 1RB0								
1688.00	-48.56	V	-52.90	1.02	10.04	-43.88	-13.00	-30.88
2532.00	-63.14	V	-63.45	1.28	10.65	-54.08	-13.00	-41.08
1688.00	-54.60	H	-59.00	1.02	10.04	-49.98	-13.00	-36.98
2532.00	-64.06	H	-64.09	1.28	10.65	-54.72	-13.00	-41.72

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (5M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26715 (816.50MHz) 1RB24								
1633.00	-47.61	V	-50.78	1.00	9.66	-42.12	-13.00	-29.12
2449.50	-62.85	V	-62.81	1.26	10.39	-53.68	-13.00	-40.68
1633.00	-47.61	H	-50.78	1.00	9.66	-42.12	-13.00	-29.12
2449.50	-62.85	H	-62.81	1.26	10.39	-53.68	-13.00	-40.68
Middle Channel 26865(831.50MHz) 1RB24								
1663.00	-50.64	V	-54.87	1.01	9.87	-46.01	-13.00	-33.01
2494.50	-62.44	V	-63.06	1.27	10.57	-53.76	-13.00	-40.76
1663.00	-46.72	H	-50.64	1.01	9.87	-41.78	-13.00	-28.78
2494.50	-61.72	H	-62.40	1.27	10.57	-53.10	-13.00	-40.10
High Channel 27015 (846.50MHz) 1RB12								
1693.00	-47.08	V	-51.20	1.02	10.08	-42.14	-13.00	-29.14
2539.50	-62.73	V	-63.83	1.28	10.66	-54.45	-13.00	-41.45
1693.00	-47.08	H	-51.20	1.02	10.08	-42.14	-13.00	-29.14
2539.50	-62.73	H	-63.83	1.28	10.66	-54.45	-13.00	-41.45

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (5M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26715 (816.50MHz) 1RB24								
1633.00	-44.58	V	-48.69	1.00	9.66	-40.03	-13.00	-27.03
2449.50	-63.33	V	-63.94	1.26	10.39	-54.81	-13.00	-41.81
1633.00	-50.64	H	-54.67	1.00	9.66	-46.01	-13.00	-33.01
2449.50	-62.44	H	-62.89	1.26	10.39	-53.76	-13.00	-40.76
Middle Channel 26865 (831.50MHz) 1RB0								
1663.00	-42.41	V	-46.51	1.01	9.87	-37.65	-13.00	-24.65
2494.50	-62.89	V	-63.61	1.27	10.57	-54.31	-13.00	-41.31
1663.00	-47.08	H	-51.00	1.01	9.87	-42.14	-13.00	-29.14
2494.50	-62.73	H	-63.75	1.27	10.57	-54.45	--13.00	-67.45
High Channel 27015 (846.50MHz) 1RB12								
1693.00	-39.99	V	-44.27	1.02	10.08	-35.21	-13.00	-22.21
2539.50	-62.72	V	-63.63	1.28	10.66	-54.25	-13.00	-41.25
1693.00	-46.63	H	-50.25	1.02	10.08	-41.19	-13.00	-28.19
2539.50	-62.59	H	-62.80	1.28	10.66	-53.42	-13.00	-40.42

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (3M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26705 (815.50MHz) 1RB7								
1631.00	-41.77	V	-45.97	1.00	9.65	-37.32	-13.00	-24.32
2446.50	-63.31	V	-63.85	1.26	10.38	-54.73	-13.00	-41.73
1631.00	-48.00	H	-51.99	1.00	9.65	-43.34	-13.00	-30.34
2446.50	-62.70	H	-62.34	1.26	10.38	-53.22	-13.00	-40.22
Middle Channel 26865 (831.50MHz) 1RB14								
1663.00	-41.97	V	-46.07	1.01	9.87	-37.21	-13.00	-24.21
2494.50	-62.16	V	-62.95	1.27	10.57	-53.65	-13.00	-40.65
1663.00	-48.11	H	-52.07	1.01	9.87	-43.21	-13.00	-30.21
2494.50	-62.11	H	-62.78	1.27	10.57	-53.48	-13.00	-40.48
High Channel 27025 (847.50MHz) 1RB0								
1695.00	-41.76	V	-46.05	1.02	10.09	-36.98	-13.00	-23.98
2542.50	-63.07	V	-63.50	1.28	10.67	-54.11	-13.00	-41.11
1695.00	-46.53	H	-50.11	1.02	10.09	-41.04	-13.00	-28.04
2542.50	-63.72	H	-64.44	1.28	10.67	-55.05	-13.00	-42.05

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (3M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26705 (815.50MHz) 1RB7								
1631.00	-43.47	V	-47.67	1.00	9.65	-39.02	-13.00	-26.02
2446.50	-60.93	V	-61.43	1.26	10.38	-52.31	-13.00	-39.31
1631.00	-48.59	H	-52.57	1.00	9.65	-43.92	-13.00	-30.92
2446.50	-62.30	H	-62.75	1.26	10.38	-53.63	-13.00	-40.63
Middle Channel 26865 (831.50MHz) 1RB14								
1663.00	-43.70	V	-47.80	1.01	9.87	-38.94	-13.00	-25.94
2494.50	-62.61	V	-63.33	1.27	10.57	-54.03	-13.00	-41.03
1663.00	-48.60	H	-52.55	1.01	9.87	-43.69	-13.00	-30.69
2494.50	-62.66	H	-63.35	1.27	10.57	-54.05	-13.00	-41.05
High Channel 27025 (847.50MHz) 1RB0								
1695.00	-42.36	V	-46.64	1.02	10.09	-37.57	-13.00	-24.57
2542.50	-62.74	V	-64.02	1.28	10.67	-54.63	-13.00	-41.63
1695.00	-47.61	H	-51.19	1.02	10.09	-42.12	-13.00	-29.12
2542.50	-62.85	H	-63.07	1.28	10.67	-53.68	-13.00	-40.68

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (1.4M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26697 (814.70MHz) 1RB5								
1629.40	-47.75	V	-51.73	1.00	9.64	-43.09	-13.00	-30.09
2444.10	-62.33	V	-61.89	1.26	10.37	-52.78	-13.00	-39.78
1629.40	-41.90	H	-46.09	1.00	9.64	-37.45	-13.00	-24.45
2444.10	-62.28	H	-62.76	1.26	10.37	-53.65	-13.00	-40.65
Middle Channel 26865 (831.50MHz) 1RB2								
1663.00	-41.80	V	-45.91	1.01	9.87	-37.05	-13.00	-24.05
2494.50	-62.24	V	-62.52	1.27	10.57	-53.22	-13.00	-40.22
1663.00	-41.80	H	-45.91	1.01	9.87	-37.05	-13.00	-24.05
2494.50	-62.24	H	-62.52	1.27	10.57	-53.22	-13.00	-40.22
High Channel 27033 (848.30MHz) 1RB2								
1696.60	-42.23	V	-46.52	1.02	10.10	-37.44	-13.00	-24.44
2544.90	-61.42	V	-62.44	1.28	10.69	-53.03	-13.00	-40.03
1696.60	-46.84	H	-50.40	1.02	10.10	-41.32	-13.00	-28.32
2544.90	-62.32	H	-63.12	1.28	10.69	-53.71	-13.00	-40.71

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 3: LTE Band 26 (1.4M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 26697 (814.70MHz) 1RB5								
1629.40	-42.61	V	-46.80	1.00	9.64	-38.16	-13.00	-25.16
2444.10	-61.10	V	-61.58	1.26	10.37	-52.47	-13.00	-39.47
1629.40	-47.65	H	-51.63	1.00	9.64	-42.99	-13.00	-29.99
2444.10	-62.38	H	-62.82	1.26	10.37	-53.71	-13.00	-40.71
Middle Channel 26865 (831.50MHz) 1RB2								
1663.00	-40.91	V	-45.02	1.01	9.87	-36.16	-13.00	-23.16
2494.50	-62.64	V	-63.07	1.27	10.57	-53.77	-13.00	-40.77
1663.00	-48.32	H	-52.35	1.01	9.87	-43.49	-13.00	-30.49
2494.50	-62.91	H	-63.07	1.27	10.57	-53.77	-13.00	-40.77
High Channel 27033 (848.30MHz) 3RB1								
1696.60	-41.54	V	-45.83	1.02	10.10	-36.75	-13.00	-23.75
2544.90	-59.53	V	-59.92	1.28	10.69	-50.51	-13.00	-37.51
1696.60	-45.29	H	-48.85	1.02	10.10	-39.77	-13.00	-26.77
2544.90	-62.14	H	-62.67	1.28	10.69	-53.26	-13.00	-40.26

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (20M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 39750 (2506.00MHz) 1RB0								
5012.00	-62.97	V	-62.73	1.91	12.66	-51.98	-25.00	-26.98
7518.00	-59.92	V	-53.16	2.48	11.27	-44.37	-25.00	-19.37
5012.00	-63.21	H	-62.46	1.91	12.66	-51.71	-25.00	-26.71
7518.00	-62.89	H	-56.00	2.48	11.27	-47.21	-25.00	-22.21
Middle Channel 40620 (2593.00MHz) 1RB0								
5186.00	-62.96	V	-62.46	1.95	12.84	-51.57	-25.00	-26.57
7779.00	-62.67	V	-56.11	2.46	11.44	-47.13	-25.00	-22.13
5186.00	-62.96	H	-62.46	1.95	12.84	-51.57	-25.00	-26.57
7779.00	-62.67	H	-56.11	2.46	11.44	-47.13	-25.00	-22.13
High Channel 41490 (2680.00MHz) 1RB99								
5360.00	-63.42	V	-62.72	1.98	13.07	-51.63	-25.00	-26.63
8040.00	-55.40	V	-49.82	1.32	11.37	-39.77	-25.00	-14.77
5360.00	-62.60	H	-62.32	1.98	13.07	-51.23	-25.00	-26.23
8040.00	-58.34	H	-52.88	1.32	11.37	-42.83	-25.00	-17.83

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (20M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 39750 (2506.00MHz) 1RB0								
5012.00	-62.96	V	-62.32	1.91	12.66	-51.57	-25.00	-26.57
7518.00	-62.67	V	-55.92	2.48	11.27	-47.13	-25.00	-22.13
5012.00	-62.96	H	-62.32	1.91	12.66	-51.57	-25.00	-26.57
7518.00	-62.67	H	-55.92	2.48	11.27	-47.13	-25.00	-22.13
Middle Channel 40620 (2593.00MHz) 1RB0								
5186.00	-63.42	V	-62.52	1.95	12.84	-51.63	-25.00	-26.63
7779.00	-55.40	V	-48.75	2.46	11.44	-39.77	-25.00	-14.77
5186.00	-62.60	H	-62.12	1.95	12.84	-51.23	-25.00	-26.23
7779.00	-58.34	H	-51.81	2.46	11.44	-42.83	-25.00	-17.83
High Channel 41490 (2680.00MHz) 1RB99								
5360.00	-64.70	V	-64.62	1.98	13.07	-53.53	-25.00	-28.53
8040.00	-56.90	V	-51.31	1.32	11.37	-41.26	-25.00	-16.26
5360.00	-64.24	H	-64.23	1.98	13.07	-53.14	-25.00	-28.14
8040.00	-56.38	H	-50.79	1.32	11.37	-40.74	-25.00	-15.74

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (15M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 39725 (2503.50MHz) 1RB0								
5007.00	-62.80	V	-61.62	1.90	12.65	-50.87	-25.00	-25.87
7510.50	-63.67	V	-57.43	2.48	11.25	-48.66	-25.00	-23.66
5007.00	-63.00	H	-62.09	1.90	12.65	-51.34	-25.00	-26.34
7510.50	-62.73	H	-55.82	2.48	11.25	-47.05	-25.00	-22.05
Middle Channel 40620 (2593.00MHz) 1RB0								
5186.00	-62.00	V	-61.70	1.95	12.84	-50.81	-25.00	-25.81
7779.00	-65.09	V	-57.86	2.46	11.44	-48.88	-25.00	-23.88
5186.00	-62.00	H	-61.70	1.95	12.84	-50.81	-25.00	-25.81
7779.00	-65.09	H	-57.86	2.46	11.44	-48.88	-25.00	-23.88
High Channel 41515 (2682.50MHz) 1RB74								
5365.00	-62.91	V	-61.91	1.88	13.08	-50.71	-25.00	-25.71
8047.50	-54.52	V	-48.10	2.15	11.39	-38.86	-25.00	-13.86
5365.00	-63.10	H	-62.53	1.88	13.08	-51.33	-25.00	-26.33
8047.50	-56.07	H	-49.68	2.15	11.39	-40.44	-25.00	-15.44

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (15M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 39725 (2503.50MHz) 1RB0								
5007.00	-64.50	V	-63.80	1.90	12.65	-53.05	-25.00	-28.05
7510.50	-60.26	V	-53.14	2.48	11.25	-44.37	-25.00	-19.37
5007.00	-63.30	H	-61.78	1.90	12.65	-51.03	-25.00	-26.03
7510.50	-64.78	H	-56.99	2.48	11.25	-48.22	-25.00	-23.22
Middle Channel 40620 (2593.00MHz) 1RB0								
5186.00	-63.40	V	-62.84	1.95	12.84	-51.95	-25.00	-26.95
7779.00	-59.16	V	-52.25	2.46	11.44	-43.27	-25.00	-18.27
5186.00	-63.00	H	-62.55	1.95	12.84	-51.66	-25.00	-26.66
7779.00	-64.36	H	-57.55	2.46	11.44	-48.57	-25.00	-23.57
High Channel 41515 (2682.50MHz) 1RB74								
5365.00	-62.36	V	-61.75	1.88	13.08	-50.55	-25.00	-25.55
8047.50	-56.32	V	-49.90	2.15	11.39	-40.66	-25.00	-15.66
5365.00	-63.82	H	-62.49	1.88	13.08	-51.29	-25.00	-26.29
8047.50	-54.78	H	-48.39	2.15	11.39	-39.15	-25.00	-14.15

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (10M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 39700 (2501.00MHz) 1RB24								
5002.00	-62.41	V	-61.81	1.90	12.65	-51.06	-25.00	-26.06
7503.00	-61.78	V	-54.94	2.48	11.24	-46.18	-25.00	-21.18
5002.00	-63.21	H	-62.38	1.90	12.65	-51.63	-25.00	-26.63
7503.00	-63.62	H	-55.62	2.48	11.24	-46.86	-25.00	-21.86
Middle Channel 40620 (2593.00MHz) 1RB0								
5186.00	-62.33	V	-61.91	1.95	12.84	-51.02	-25.00	-26.02
7779.00	-59.13	V	-52.28	2.46	11.44	-43.30	-25.00	-18.30
5186.00	-63.36	H	-62.55	1.95	12.84	-51.66	-25.00	-26.66
7779.00	-63.10	H	-56.36	2.46	11.44	-47.38	-25.00	-22.38
High Channel 41540 (2685.00MHz) 1RB49								
5370.00	-60.59	V	-60.34	1.98	13.08	-49.24	-25.00	-24.24
8055.00	-59.96	V	-53.37	2.49	11.41	-44.45	-25.00	-19.45
5370.00	-63.05	H	-62.33	1.98	13.08	-51.23	-25.00	-26.23
8055.00	-56.59	H	-49.88	2.49	11.41	-40.96	-25.00	-15.96

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (10M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 39700 (2501.00MHz) 1RB24								
5002.00	-61.39	V	-60.79	1.90	12.65	-50.04	-25.00	-25.04
7503.00	-60.86	V	-54.01	2.48	11.24	-45.25	-25.00	-20.25
5002.00	-61.64	H	-61.05	1.90	12.65	-50.30	-25.00	-25.30
7503.00	-60.32	H	-53.32	2.48	11.24	-44.56	-25.00	-19.56
Middle Channel 40620 (2593.00MHz) 1RB49								
5186.00	-62.76	V	-61.82	1.95	12.84	-50.93	-25.00	-25.93
7779.00	-59.28	V	-52.42	2.46	11.44	-43.44	-25.00	-18.44
5186.00	-62.82	H	-61.82	1.95	12.84	-50.93	-25.00	-25.93
7779.00	-65.18	H	-57.53	2.46	11.44	-48.55	-25.00	-23.55
High Channel 41540 (2685.00MHz) 1RB49								
5370.00	-62.49	V	-62.24	1.98	13.08	-51.14	-25.00	-26.14
8055.00	-61.96	V	-55.27	2.49	11.41	-46.35	-25.00	-21.35
5370.00	-62.88	H	-61.65	1.98	13.08	-50.55	-25.00	-25.55
8055.00	-56.14	H	-49.43	2.49	11.41	-40.51	-25.00	-15.51

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (5M/QPSK)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 39675 (2498.50MHz) 1RB0								
4997.00	-58.04	V	-53.25	1.90	12.65	-42.50	-25.00	-17.50
7495.50	-65.00	V	-51.42	2.49	11.22	-42.69	-25.00	-17.69
4997.00	-58.15	H	-53.22	1.90	12.65	-42.47	-25.00	-17.47
7495.50	-64.76	H	-51.70	2.49	11.22	-42.97	-25.00	-17.97
Middle Channel 40620 (2593.00MHz) 1RB0								
5186.00	-53.39	V	-48.49	1.95	12.84	-37.60	-25.00	-12.60
7779.00	-64.10	V	-50.66	2.46	11.44	-41.68	-25.00	-16.68
5186.00	-53.59	H	-48.80	1.95	12.84	-37.91	-25.00	-12.91
7779.00	-64.81	H	-51.77	2.46	11.44	-42.79	-25.00	-17.79
High Channel 41565 (2687.50MHz) 1RB24								
5375.00	-62.13	V	-61.08	1.98	12.84	-50.22	-25.00	-25.22
8062.50	-54.43	V	-47.70	2.50	11.43	-38.77	-25.00	-13.77
5375.00	-61.94	H	-61.24	1.98	12.84	-50.38	-25.00	-25.38
8062.50	-55.69	H	-48.99	2.50	11.43	-40.06	-25.00	-15.06

Product	Wireless Module		
Test Item	Radiated Spurious Emission		
Test Mode	Mode 4: LTE Band 41 (5M/16QAM)		
Date of Test	2014/12/27	Test Site	AC-5

Frequency (MHz)	SA Reading (dBm)	Ant.Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)
Low Channel 39675 (2498.50MHz) 1RB0								
4997.00	-56.46	V	-51.67	1.90	12.65	-40.92	-25.00	-15.92
7495.50	-63.85	V	-51.54	2.49	11.22	-42.81	-25.00	-17.81
4997.00	-56.93	H	-52.00	1.90	12.65	-41.25	-25.00	-16.25
7495.50	-64.37	H	-52.04	2.49	11.22	-43.31	-25.00	-18.31
Middle Channel 40620 (2593.00MHz) 1RB0								
5186.00	-52.55	V	-47.65	1.95	12.84	-36.76	-25.00	-11.76
7779.00	-65.07	V	-51.77	2.46	11.44	-42.79	-25.00	-17.79
5186.00	-62.91	H	-62.04	1.95	12.84	-51.15	-25.00	-26.15
7779.00	-64.79	H	-57.04	2.46	11.44	-48.06	-25.00	-23.06
High Channel 41565 (2687.50MHz) 1RB24								
5375.00	-62.69	V	-62.36	1.98	12.84	-51.50	-25.00	-26.50
8062.50	-56.89	V	-50.19	2.50	11.43	-41.26	-25.00	-16.26
5375.00	-61.94	H	-61.24	1.98	12.84	-50.38	-25.00	-25.38
8062.50	-55.69	H	-48.99	2.50	11.43	-40.06	-25.00	-15.06

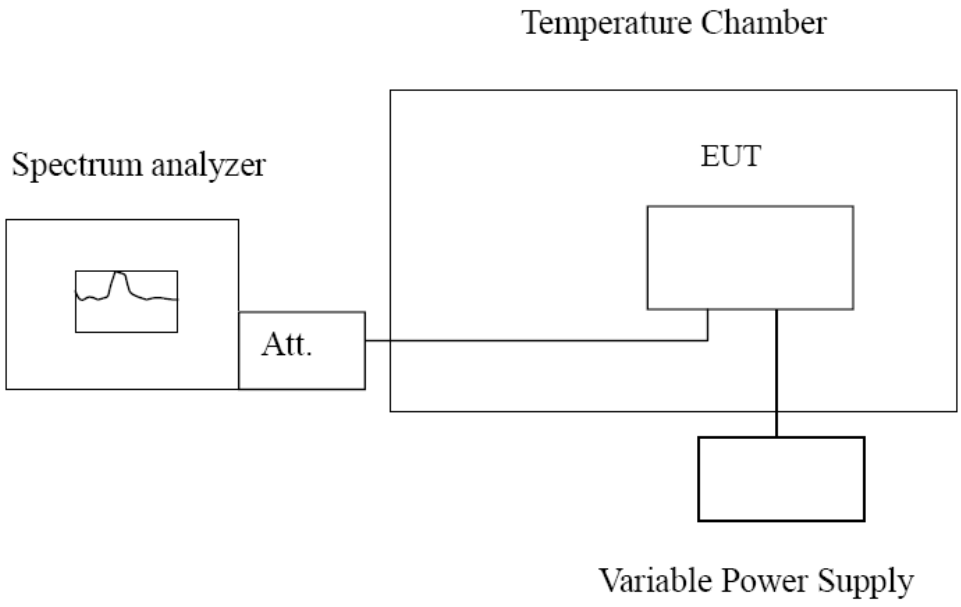
8. Frequency Stability Under Temperature & Voltage Variations

8.1. Test Equipment

Frequency Stability Under Temperature & Voltage Variations / AC-6

Instrument	Manufacturer	Type No.	Serial No	Cali. Due Date
PSA Series Spectrum Analyzer	Agilent	E4440A	MY49420184	2015.03.28
Radio Communication Tester	Anritsu	MT8820C	6201181503	2015.03.28
Dual Directional Coupler	Agilent	778D	20160	2015.03.28
10dB Coaxial Coupler	Agilent	87300C	MY44300299	2015.03.28
DC Power Supply	IDRC	CD-035-020PR	977272	2015.03.28
Temperature & Humidity Chamber	Gaoyu	TH-1P-B	WIT-05121302	2016.01.07
Temperature/Humidity Meter	Zhicheng	ZC1-2	AC6-TH	2016.01.07

8.2. Test Setup



8.3. Test Procedure

Frequency Stability Under Temperature Variations:

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20℃ operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30℃. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10℃ increased per stage until the highest temperature of +50℃ reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20℃. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, record the maximum frequency change.

8.4. Uncertainty

The measurement uncertainty is defined as ± 10 Hz.

8.5. Test Result

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 1: LTE Band 4 (20M/QPSK)		
Date of Test	2014/12/28	Test Site	AC6

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1732.50	-32	± 4331.3
-20	1732.50	48	± 4331.3
-10	1732.50	-35	± 4331.3
0	1732.50	35	± 4331.3
10	1732.50	49	± 4331.3
20	1732.50	-47	± 4331.3
30	1732.50	-59	± 4331.3
40	1732.50	62	± 4331.3
50	1732.50	-12	± 4331.3

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1732.50	-26	± 4331.3
3.7	1732.50	39	± 4331.3
3.4	1732.50	-27	± 4331.3

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 1: LTE Band 4 (20M/16QAM)		
Date of Test	2014/12/13	Test Site	AC6

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1732.50	53	± 4331.3
-20	1732.50	-47	± 4331.3
-10	1732.50	28	± 4331.3
0	1732.50	32	± 4331.3
10	1732.50	-41	± 4331.3
20	1732.50	-55	± 4331.3
30	1732.50	67	± 4331.3
40	1732.50	51	± 4331.3
50	1732.50	40	± 4331.3

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1732.50	53	± 4331.3
3.7	1732.50	-47	± 4331.3
3.4	1732.50	28	± 4331.3

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 1: LTE Band 4 (15M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1732.50	-55	± 4331.3
-20	1732.50	30	± 4331.3
-10	1732.50	-33	± 4331.3
0	1732.50	57	± 4331.3
10	1732.50	-17	± 4331.3
20	1732.50	-41	± 4331.3
30	1732.50	-25	± 4331.3
40	1732.50	49	± 4331.3
50	1732.50	26	± 4331.3

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1732.50	67	± 4331.3
3.7	1732.50	-71	± 4331.3
3.4	1732.50	44	± 4331.3

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 1: LTE Band V4 (15M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1732.50	56	± 4331.3
-20	1732.50	32	± 4331.3
-10	1732.50	-14	± 4331.3
0	1732.50	31	± 4331.3
10	1732.50	-13	± 4331.3
20	1732.50	14	± 4331.3
30	1732.50	-54	± 4331.3
40	1732.50	16	± 4331.3
50	1732.50	26	± 4331.3

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1732.50	-13	± 4331.3
3.7	1732.50	24	± 4331.3
3.4	1732.50	-19	± 4331.3

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 1: LTE Band 4 (10M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1732.50	-33	± 4331.3
-20	1732.50	50	± 4331.3
-10	1732.50	44	± 4331.3
0	1732.50	36	± 4331.3
10	1732.50	27	± 4331.3
20	1732.50	-23	± 4331.3
30	1732.50	41	± 4331.3
40	1732.50	36	± 4331.3
50	1732.50	-11	± 4331.3

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1732.50	29	± 4331.3
3.7	1732.50	-33	± 4331.3
3.4	1732.50	-21	± 4331.3

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 1: LTE Band 4 (10M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1732.50	-41	± 4331.3
-20	1732.50	12	± 4331.3
-10	1732.50	43	± 4331.3
0	1732.50	25	± 4331.3
10	1732.50	-17	± 4331.3
20	1732.50	25	± 4331.3
30	1732.50	56	± 4331.3
40	1732.50	19	± 4331.3
50	1732.50	41	± 4331.3

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1732.50	-23	± 4331.3
3.7	1732.50	19	± 4331.3
3.4	1732.50	16	± 4331.3

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 1: LTE Band 4 (5M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1732.50	22	± 4331.3
-20	1732.50	-21	± 4331.3
-10	1732.50	17	± 4331.3
0	1732.50	15	± 4331.3
10	1732.50	26	± 4331.3
20	1732.50	-10	± 4331.3
30	1732.50	58	± 4331.3
40	1732.50	41	± 4331.3
50	1732.50	21	± 4331.3

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1732.50	24	± 4331.3
3.7	1732.50	-11	± 4331.3
3.4	1732.50	59	± 4331.3

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 1: LTE Band 4 (5M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1732.50	28	± 4331.3
-20	1732.50	35	± 4331.3
-10	1732.50	26	± 4331.3
0	1732.50	40	± 4331.3
10	1732.50	31	± 4331.3
20	1732.50	43	± 4331.3
30	1732.50	-19	± 4331.3
40	1732.50	-31	± 4331.3
50	1732.50	-24	± 4331.3

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1732.50	18	± 4331.3
3.7	1732.50	-31	± 4331.3
3.4	1732.50	-20	± 4331.3

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 1: LTE Band 4 (3M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1732.50	16	± 4331.3
-20	1732.50	-31	± 4331.3
-10	1732.50	15	± 4331.3
0	1732.50	-14	± 4331.3
10	1732.50	22	± 4331.3
20	1732.50	43	± 4331.3
30	1732.50	61	± 4331.3
40	1732.50	65	± 4331.3
50	1732.50	-33	± 4331.3

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1732.50	-13	± 4331.3
3.7	1732.50	23	± 4331.3
3.4	1732.50	-32	± 4331.3

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 1: LTE Band 4 (3M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1732.50	-71	± 4331.3
-20	1732.50	-33	± 4331.3
-10	1732.50	21	± 4331.3
0	1732.50	79	± 4331.3
10	1732.50	44	± 4331.3
20	1732.50	23	± 4331.3
30	1732.50	18	± 4331.3
40	1732.50	25	± 4331.3
50	1732.50	-63	± 4331.3

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1732.50	-55	± 4331.3
3.7	1732.50	-22	± 4331.3
3.4	1732.50	-12	± 4331.3

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 1: LTE Band 4 (1.4M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1732.50	-25	± 4331.3
-20	1732.50	-14	± 4331.3
-10	1732.50	-22	± 4331.3
0	1732.50	-17	± 4331.3
10	1732.50	-25	± 4331.3
20	1732.50	28	± 4331.3
30	1732.50	44	± 4331.3
40	1732.50	31	± 4331.3
50	1732.50	-17	± 4331.3

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1732.50	-16	± 4331.3
3.7	1732.50	17	± 4331.3
3.4	1732.50	23	± 4331.3

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 1: LTE Band 4 (1.4M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1732.50	19	± 4331.3
-20	1732.50	-53	± 4331.3
-10	1732.50	-54	± 4331.3
0	1732.50	22	± 4331.3
10	1732.50	39	± 4331.3
20	1732.50	-15	± 4331.3
30	1732.50	-17	± 4331.3
40	1732.50	-25	± 4331.3
50	1732.50	-43	± 4331.3

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1732.50	55	± 4331.3
3.7	1732.50	-25	± 4331.3
3.4	1732.50	26	± 4331.3

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 2: LTE Band 25 (20M/QPSK)		
Date of Test	2014/12/28	Test Site	AC6

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1880.00	-34	± 4700.0
-20	1880.00	48	± 4700.0
-10	1880.00	-35	± 4700.0
0	1880.00	32	± 4700.0
10	1880.00	49	± 4700.0
20	1880.00	-47	± 4700.0
30	1880.00	-51	± 4700.0
40	1880.00	68	± 4700.0
50	1880.00	-65	± 4700.0

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1880.00	-34	± 4700.0
3.7	1880.00	31	± 4700.0
3.4	1880.00	48	± 4700.0

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 2: LTE Band 25 (20M/16QAM)		
Date of Test	2014/12/13	Test Site	AC6

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1880.00	58	± 4700.0
-20	1880.00	-52	± 4700.0
-10	1880.00	31	± 4700.0
0	1880.00	35	± 4700.0
10	1880.00	-45	± 4700.0
20	1880.00	-60	± 4700.0
30	1880.00	74	± 4700.0
40	1880.00	56	± 4700.0
50	1880.00	44	± 4700.0

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1880.00	75	± 4700.0
3.7	1880.00	-50	± 4700.0
3.4	1880.00	-48	± 4700.0

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 2: LTE Band 25 (15M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1880.00	44	± 4700.0
-20	1880.00	-25	± 4700.0
-10	1880.00	-16	± 4700.0
0	1880.00	23	± 4700.0
10	1880.00	-28	± 4700.0
20	1880.00	-33	± 4700.0
30	1880.00	28	± 4700.0
40	1880.00	41	± 4700.0
50	1880.00	36	± 4700.0

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1880.00	55	± 4700.0
3.7	1880.00	-56	± 4700.0
3.4	1880.00	33	± 4700.0

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 2: LTE Band 25 (15M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1880.00	41	± 4700.0
-20	1880.00	-23	± 4700.0
-10	1880.00	52	± 4700.0
0	1880.00	89	± 4700.0
10	1880.00	-41	± 4700.0
20	1880.00	-52	± 4700.0
30	1880.00	-36	± 4700.0
40	1880.00	52	± 4700.0
50	1880.00	41	± 4700.0

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1880.00	33	± 4700.0
3.7	1880.00	79	± 4700.0
3.4	1880.00	-52	± 4700.0

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 2: LTE Band 25 (10M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1880.00	-89	± 4700.0
-20	1880.00	-52	± 4700.0
-10	1880.00	44	± 4700.0
0	1880.00	-36	± 4700.0
10	1880.00	28	± 4700.0
20	1880.00	-96	± 4700.0
30	1880.00	-36	± 4700.0
40	1880.00	52	± 4700.0
50	1880.00	38	± 4700.0

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1880.00	42	± 4700.0
3.7	1880.00	63	± 4700.0
3.4	1880.00	-13	± 4700.0

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 2: LTE Band 25 (10M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1880.00	56	± 4700.0
-20	1880.00	41	± 4700.0
-10	1880.00	-36	± 4700.0
0	1880.00	-21	± 4700.0
10	1880.00	-36	± 4700.0
20	1880.00	22	± 4700.0
30	1880.00	41	± 4700.0
40	1880.00	38	± 4700.0
50	1880.00	52	± 4700.0

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1880.00	-36	± 4700.0
3.7	1880.00	41	± 4700.0
3.4	1880.00	52	± 4700.0

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 2: LTE Band 25 (5M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1880.00	-36	± 4700.0
-20	1880.00	-52	± 4700.0
-10	1880.00	15	± 4700.0
0	1880.00	-25	± 4700.0
10	1880.00	17	± 4700.0
20	1880.00	23	± 4700.0
30	1880.00	41	± 4700.0
40	1880.00	-36	± 4700.0
50	1880.00	58	± 4700.0

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1880.00	-41	± 4700.0
3.7	1880.00	22	± 4700.0
3.4	1880.00	39	± 4700.0

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 2: LTE Band 25 (5M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1880.00	33	± 4700.0
-20	1880.00	-58	± 4700.0
-10	1880.00	-36	± 4700.0
0	1880.00	74	± 4700.0
10	1880.00	-33	± 4700.0
20	1880.00	28	± 4700.0
30	1880.00	-69	± 4700.0
40	1880.00	-25	± 4700.0
50	1880.00	58	± 4700.0

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1880.00	44	± 4700.0
3.7	1880.00	35	± 4700.0
3.4	1880.00	-85	± 4700.0

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 2: LTE Band 25 (3M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1880.00	-39	± 4700.0
-20	1880.00	52	± 4700.0
-10	1880.00	-64	± 4700.0
0	1880.00	-25	± 4700.0
10	1880.00	-79	± 4700.0
20	1880.00	-88	± 4700.0
30	1880.00	-93	± 4700.0
40	1880.00	-89	± 4700.0
50	1880.00	85	± 4700.0

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1880.00	54	± 4700.0
3.7	1880.00	59	± 4700.0
3.4	1880.00	-85	± 4700.0

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 2: LTE Band 25 (3M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1880.00	44	± 4700.0
-20	1880.00	-89	± 4700.0
-10	1880.00	-52	± 4700.0
0	1880.00	-77	± 4700.0
10	1880.00	52	± 4700.0
20	1880.00	39	± 4700.0
30	1880.00	85	± 4700.0
40	1880.00	74	± 4700.0
50	1880.00	52	± 4700.0

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1880.00	74	± 4700.0
3.7	1880.00	-56	± 4700.0
3.4	1880.00	-69	± 4700.0

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 2: LTE Band 25 (1.4M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1880.00	58	± 4700.0
-20	1880.00	26	± 4700.0
-10	1880.00	41	± 4700.0
0	1880.00	38	± 4700.0
10	1880.00	11	± 4700.0
20	1880.00	25	± 4700.0
30	1880.00	71	± 4700.0
40	1880.00	33	± 4700.0
50	1880.00	56	± 4700.0

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1880.00	66	± 4700.0
3.7	1880.00	28	± 4700.0
3.4	1880.00	14	± 4700.0

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 2: LTE Band 25 (1.4M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	1880.00	-85	± 4700.0
-20	1880.00	-25	± 4700.0
-10	1880.00	15	± 4700.0
0	1880.00	-96	± 4700.0
10	1880.00	41	± 4700.0
20	1880.00	25	± 4700.0
30	1880.00	11	± 4700.0
40	1880.00	-36	± 4700.0
50	1880.00	49	± 4700.0

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	1880.00	-25	± 4700.0
3.7	1880.00	-63	± 4700.0
3.4	1880.00	28	± 4700.0

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 3: LTE Band 26 (15M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	831.50	41	± 2078.8
-20	831.50	-35	± 2078.8
-10	831.50	28	± 2078.8
0	831.50	41	± 2078.8
10	831.50	-38	± 2078.8
20	831.50	35	± 2078.8
30	831.50	14	± 2078.8
40	831.50	-63	± 2078.8
50	831.50	58	± 2078.8

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	831.50	-52	± 2078.8
3.7	831.50	-63	± 2078.8
3.4	831.50	14	± 2078.8

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 3: LTE Band 26 (15M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	831.50	-85	± 2078.8
-20	831.50	-62	± 2078.8
-10	831.50	58	± 2078.8
0	831.50	-74	± 2078.8
10	831.50	-69	± 2078.8
20	831.50	48	± 2078.8
30	831.50	74	± 2078.8
40	831.50	-29	± 2078.8
50	831.50	-63	± 2078.8

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	831.50	-41	± 2078.8
3.7	831.50	41	± 2078.8
3.4	831.50	22	± 2078.8

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 3: LTE Band 26 (10M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	831.50	-51	± 2078.8
-20	831.50	37	± 2078.8
-10	831.50	24	± 2078.8
0	831.50	32	± 2078.8
10	831.50	67	± 2078.8
20	831.50	-53	± 2078.8
30	831.50	21	± 2078.8
40	831.50	-44	± 2078.8
50	831.50	-26	± 2078.8

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	831.50	21	± 2078.8
3.7	831.50	-15	± 2078.8
3.4	831.50	-17	± 2078.8

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 3: LTE Band 26 (10M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	831.50	-68	± 2078.8
-20	831.50	-39	± 2078.8
-10	831.50	18	± 2078.8
0	831.50	-62	± 2078.8
10	831.50	25	± 2078.8
20	831.50	-17	± 2078.8
30	831.50	59	± 2078.8
40	831.50	-41	± 2078.8
50	831.50	-70	± 2078.8

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	831.50	-51	± 2078.8
3.7	831.50	70	± 2078.8
3.4	831.50	-33	± 2078.8

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 3: LTE Band 26 (5M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	831.50	66	± 2078.8
-20	831.50	28	± 2078.8
-10	831.50	-24	± 2078.8
0	831.50	32	± 2078.8
10	831.50	30	± 2078.8
20	831.50	17	± 2078.8
30	831.50	-21	± 2078.8
40	831.50	-44	± 2078.8
50	831.50	-25	± 2078.8

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	831.50	23	± 2078.8
3.7	831.50	-26	± 2078.8
3.4	831.50	-21	± 2078.8

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 3: LTE Band 26 (5M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	831.50	-68	± 2078.8
-20	831.50	-39	± 2078.8
-10	831.50	18	± 2078.8
0	831.50	-59	± 2078.8
10	831.50	25	± 2078.8
20	831.50	16	± 2078.8
30	831.50	59	± 2078.8
40	831.50	40	± 2078.8
50	831.50	-66	± 2078.8

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	831.50	-44	± 2078.8
3.7	831.50	35	± 2078.8
3.4	831.50	-23	± 2078.8

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 3: LTE Band 26 (3M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	831.50	66	± 2078.8
-20	831.50	28	± 2078.8
-10	831.50	-24	± 2078.8
0	831.50	32	± 2078.8
10	831.50	30	± 2078.8
20	831.50	17	± 2078.8
30	831.50	-21	± 2078.8
40	831.50	-44	± 2078.8
50	831.50	-25	± 2078.8

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	831.50	23	± 2078.8
3.7	831.50	-26	± 2078.8
3.4	831.50	-21	± 2078.8

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 3: LTE Band 26 (3M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	831.50	-68	± 2078.8
-20	831.50	-39	± 2078.8
-10	831.50	18	± 2078.8
0	831.50	-59	± 2078.8
10	831.50	25	± 2078.8
20	831.50	16	± 2078.8
30	831.50	59	± 2078.8
40	831.50	40	± 2078.8
50	831.50	-66	± 2078.8

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	831.50	-44	± 2078.8
3.7	831.50	35	± 2078.8
3.4	831.50	-23	± 2078.8

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 3: LTE Band 26 (1.4M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	831.50	66	± 2078.8
-20	831.50	28	± 2078.8
-10	831.50	-24	± 2078.8
0	831.50	32	± 2078.8
10	831.50	30	± 2078.8
20	831.50	17	± 2078.8
30	831.50	-21	± 2078.8
40	831.50	-44	± 2078.8
50	831.50	-25	± 2078.8

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	831.50	23	± 2078.8
3.7	831.50	-26	± 2078.8
3.4	831.50	-21	± 2078.8

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 3: LTE Band 26 (1.4M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	831.50	-68	± 2078.8
-20	831.50	-39	± 2078.8
-10	831.50	18	± 2078.8
0	831.50	-59	± 2078.8
10	831.50	25	± 2078.8
20	831.50	16	± 2078.8
30	831.50	59	± 2078.8
40	831.50	40	± 2078.8
50	831.50	-66	± 2078.8

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	831.50	-44	± 2078.8
3.7	831.50	35	± 2078.8
3.4	831.50	-23	± 2078.8

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 4: LTE Band 41 (20M/QPSK)		
Date of Test	2014/12/28	Test Site	AC6

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	2593.00	-32	± 6482.5
-20	2593.00	45	± 6482.5
-10	2593.00	-33	± 6482.5
0	2593.00	30	± 6482.5
10	2593.00	46	± 6482.5
20	2593.00	-44	± 6482.5
30	2593.00	-48	± 6482.5
40	2593.00	64	± 6482.5
50	2593.00	-61	± 6482.5

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	2593.00	-32	± 6482.5
3.7	2593.00	45	± 6482.5
3.4	2593.00	-33	± 6482.5

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 4: LTE Band 41 (20M/16QAM)		
Date of Test	2014/12/13	Test Site	AC6

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	2593.00	-40	± 6482.5
-20	2593.00	56	± 6482.5
-10	2593.00	-41	± 6482.5
0	2593.00	38	± 6482.5
10	2593.00	58	± 6482.5
20	2593.00	-55	± 6482.5
30	2593.00	-61	± 6482.5
40	2593.00	81	± 6482.5
50	2593.00	-77	± 6482.5

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	2593.00	89	± 6482.5
3.7	2593.00	-60	± 6482.5
3.4	2593.00	-56	± 6482.5

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 4: LTE Band 41 (15M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	2593.00	-66	± 6482.5
-20	2593.00	36	± 6482.5
-10	2593.00	-39	± 6482.5
0	2593.00	68	± 6482.5
10	2593.00	-21	± 6482.5
20	2593.00	-48	± 6482.5
30	2593.00	-30	± 6482.5
40	2593.00	58	± 6482.5
50	2593.00	31	± 6482.5

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	2593.00	79	± 6482.5
3.7	2593.00	-84	± 6482.5
3.4	2593.00	52	± 6482.5

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 4: LTE Band 41 (15M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	2593.00	37	± 6482.5
-20	2593.00	-14	± 6482.5
-10	2593.00	47	± 6482.5
0	2593.00	-55	± 6482.5
10	2593.00	-35	± 6482.5
20	2593.00	44	± 6482.5
30	2593.00	-102	± 6482.5
40	2593.00	-15	± 6482.5
50	2593.00	-25	± 6482.5

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	2593.00	-26	± 6482.5
3.7	2593.00	55	± 6482.5
3.4	2593.00	-84	± 6482.5

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 4: LTE Band 41 (10M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	2593.00	53	± 6482.5
-20	2593.00	24	± 6482.5
-10	2593.00	20	± 6482.5
0	2593.00	27	± 6482.5
10	2593.00	25	± 6482.5
20	2593.00	-45	± 6482.5
30	2593.00	18	± 6482.5
40	2593.00	-37	± 6482.5
50	2593.00	-22	± 6482.5

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	2593.00	18	± 6482.5
3.7	2593.00	-13	± 6482.5
3.4	2593.00	-15	± 6482.5

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 4: LTE Band 41 (10M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	2593.00	-58	± 6482.5
-20	2593.00	-33	± 6482.5
-10	2593.00	15	± 6482.5
0	2593.00	-52	± 6482.5
10	2593.00	22	± 6482.5
20	2593.00	-15	± 6482.5
30	2593.00	50	± 6482.5
40	2593.00	-35	± 6482.5
50	2593.00	-59	± 6482.5

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	2593.00	-43	± 6482.5
3.7	2593.00	59	± 6482.5
3.4	2593.00	-28	± 6482.5

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 4: LTE Band 41 (5M/QPSK)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	2593.00	56	± 6482.5
-20	2593.00	24	± 6482.5
-10	2593.00	-20	± 6482.5
0	2593.00	27	± 6482.5
10	2593.00	25	± 6482.5
20	2593.00	15	± 6482.5
30	2593.00	-18	± 6482.5
40	2593.00	-37	± 6482.5
50	2593.00	-22	± 6482.5

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	2593.00	19	± 6482.5
3.7	2593.00	-22	± 6482.5
3.4	2593.00	-18	± 6482.5

Product	Wireless Module		
Test Item	Frequency Stability Under Temperature & Voltage Variations		
Test Mode	Mode 4: LTE Band 41 (5M/16QAM)		
Date of Test	2014/12/28	Test Site	TR7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
-30	2593.00	-37	± 6482.5
-20	2593.00	-21	± 6482.5
-10	2593.00	10	± 6482.5
0	2593.00	-32	± 6482.5
10	2593.00	14	± 6482.5
20	2593.00	9	± 6482.5
30	2593.00	32	± 6482.5
40	2593.00	22	± 6482.5
50	2593.00	-36	± 6482.5

Frequency Stability under Voltage

DC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Limit (Hz)
4.2	2593.00	-24	± 6482.5
3.7	2593.00	19	± 6482.5
3.4	2593.00	-12	± 6482.5

The End