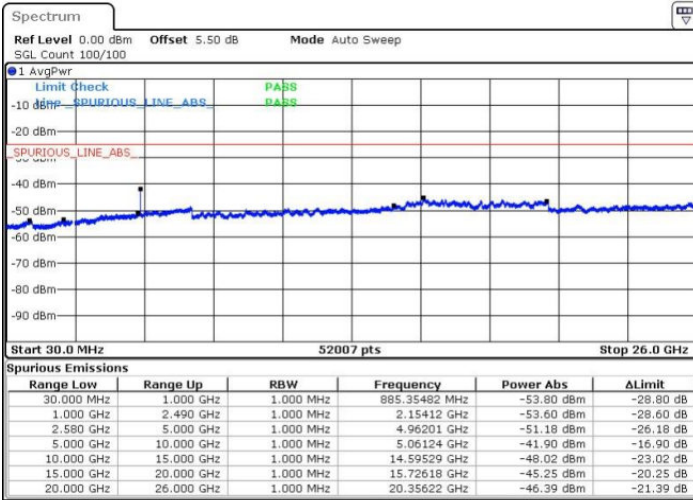




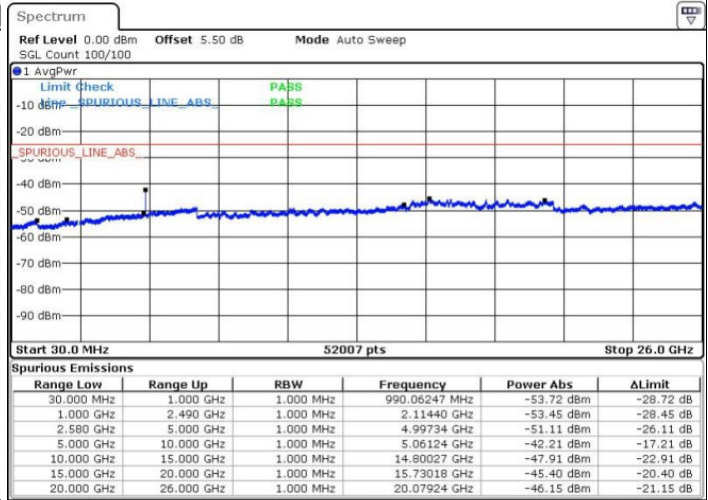
LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



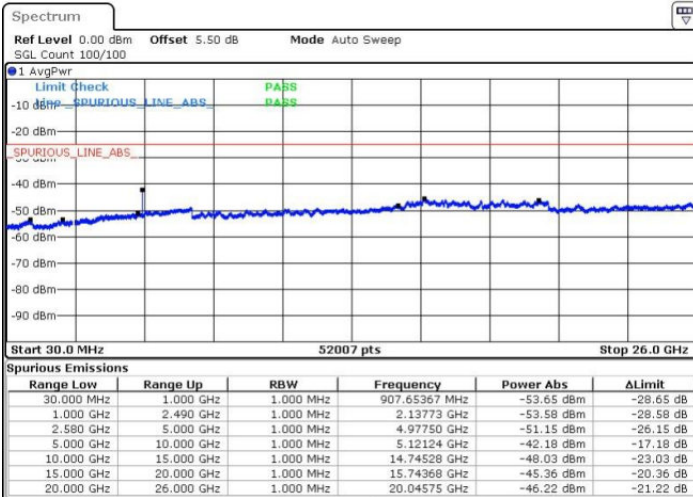
Date: 17.MAR.2015 17:44:10



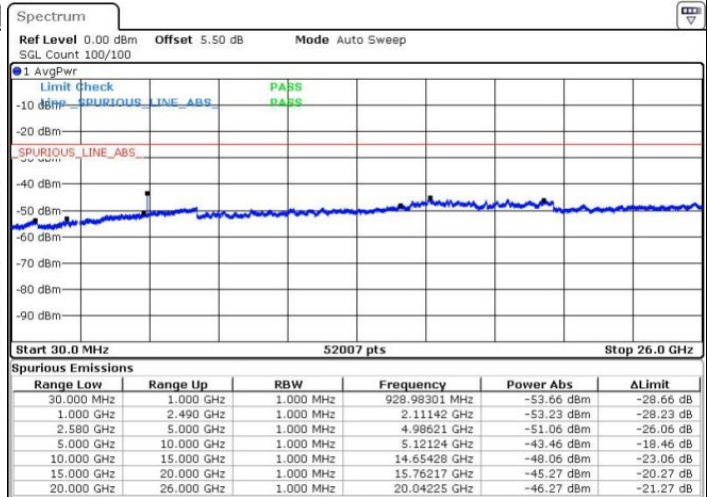
Date: 17.MAR.2015 17:45:28

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.MAR.2015 17:47:30



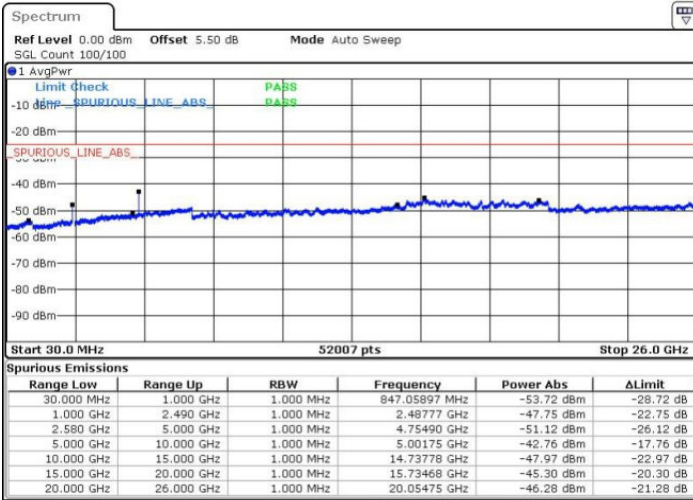
Date: 17.MAR.2015 17:48:49



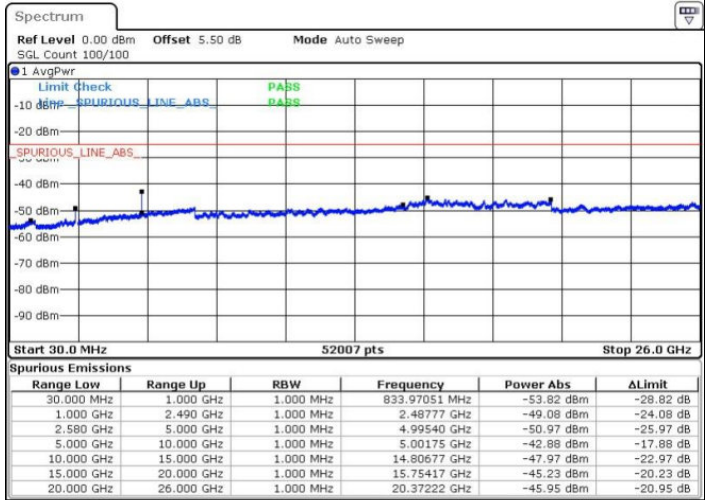
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



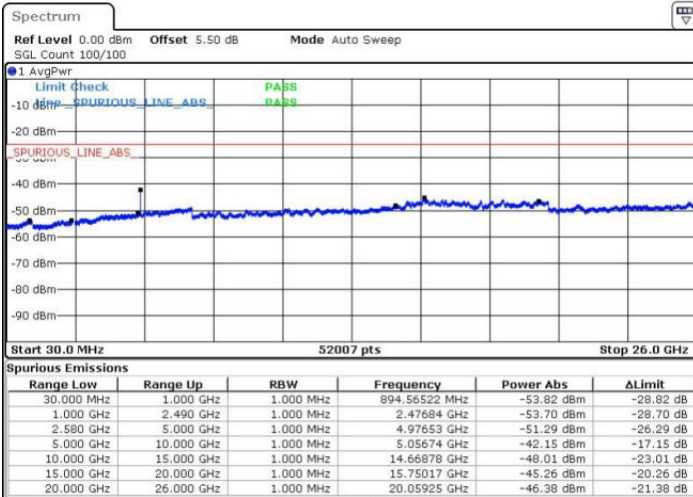
Date: 17.MAR.2015 17:50:51



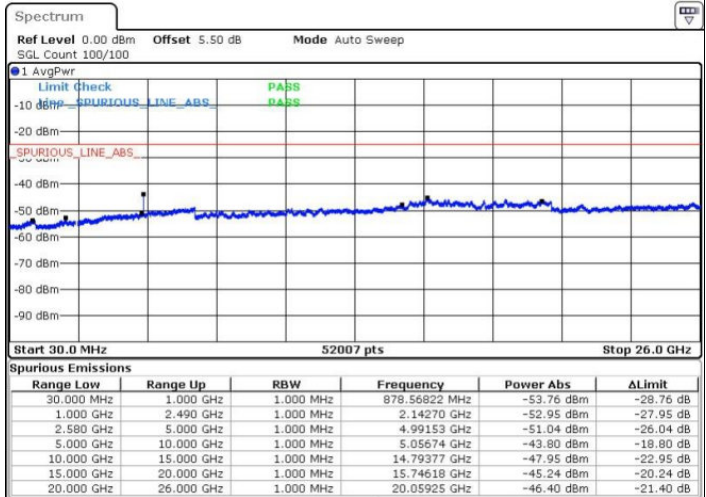
Date: 17.MAR.2015 17:52:10

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 17.MAR.2015 17:54:12



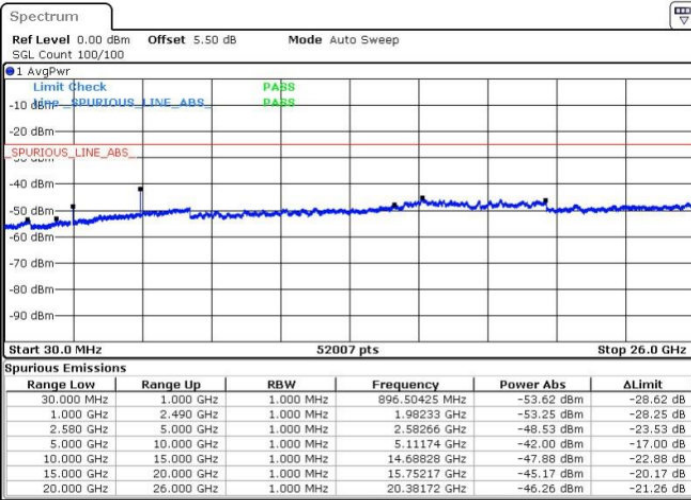
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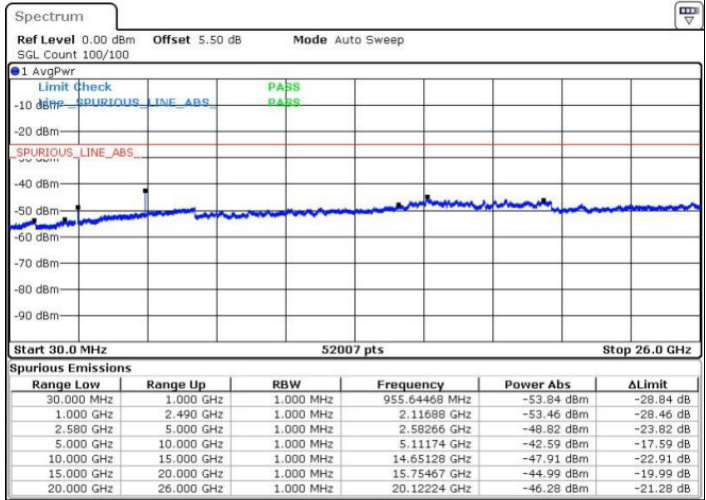
LTE Band 7 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.MAR.2015 17:57:33

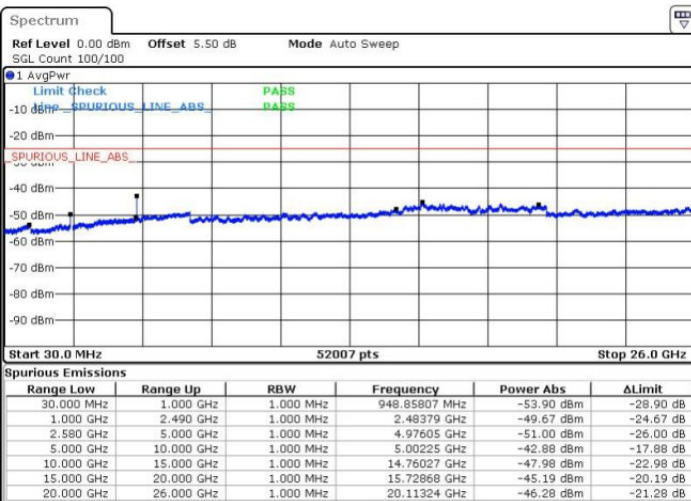


Date: 17.MAR.2015 17:58:51

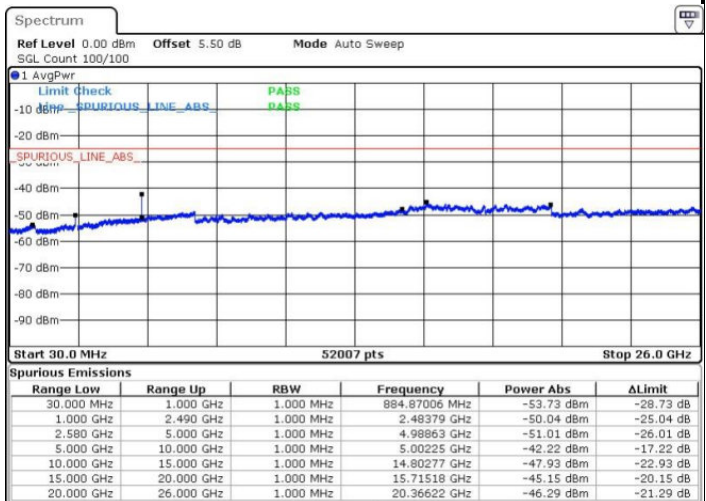
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 17.MAR.2015 18:00:53



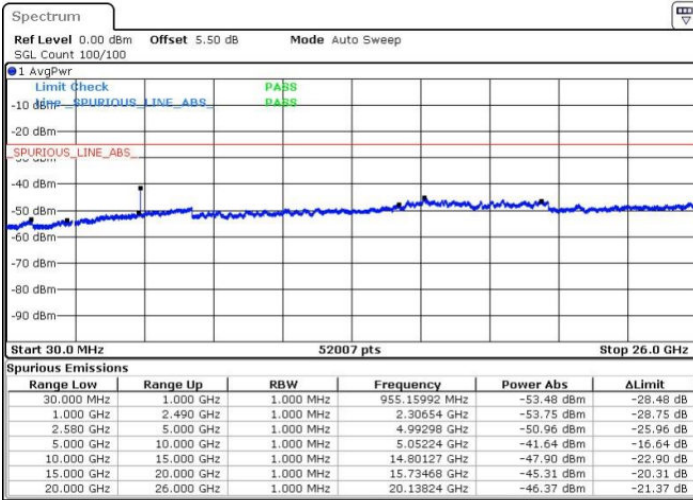
Date: 17.MAR.2015 18:02:12



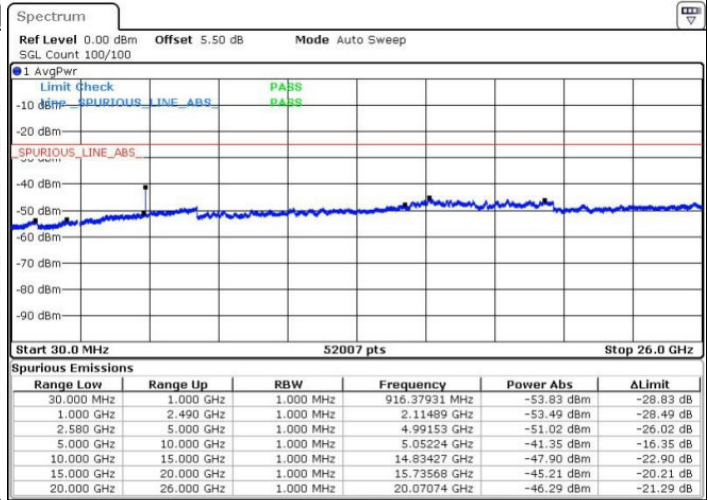
LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM



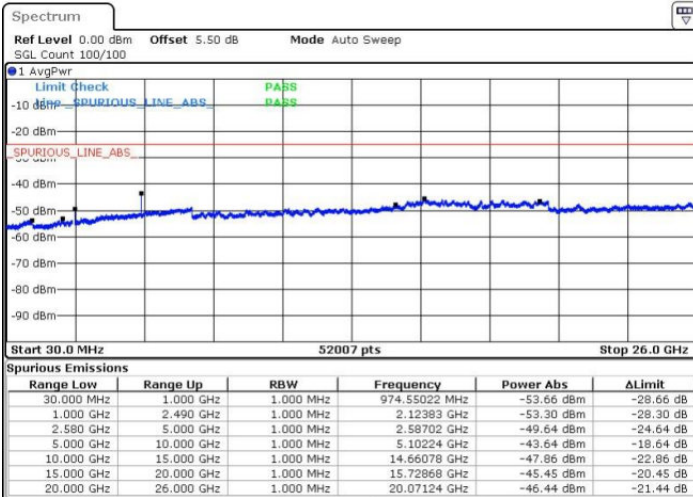
Date: 17.MAR.2015 18:04:14



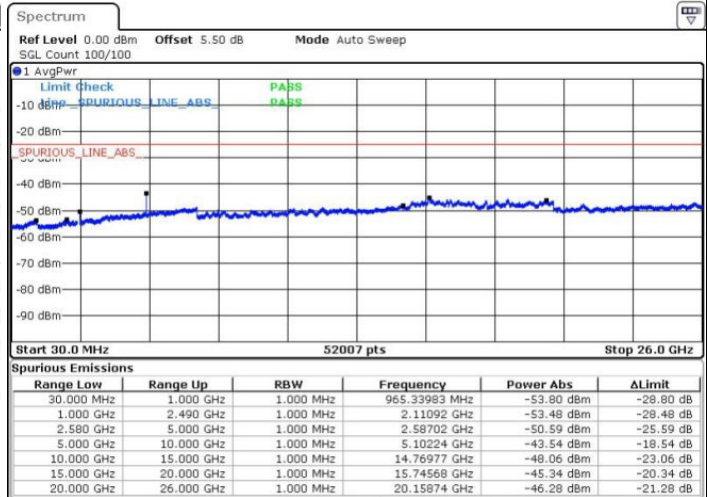
Date: 17.MAR.2015 18:05:33

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 17.MAR.2015 18:07:35



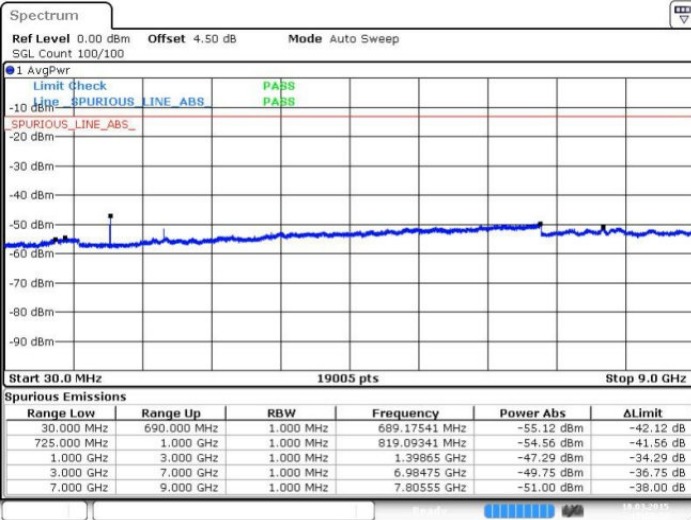
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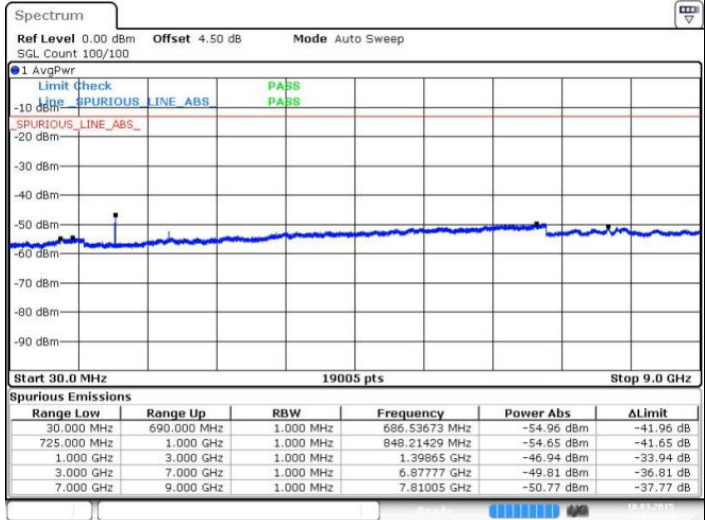
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



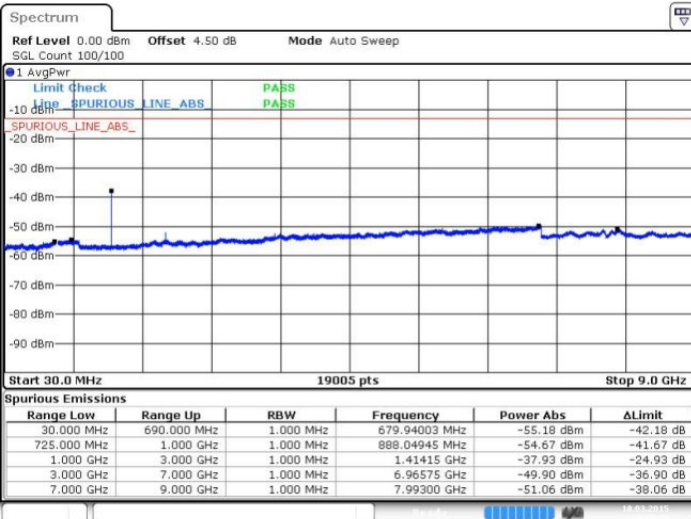
Date: 18.MAR.2015 18:28:59



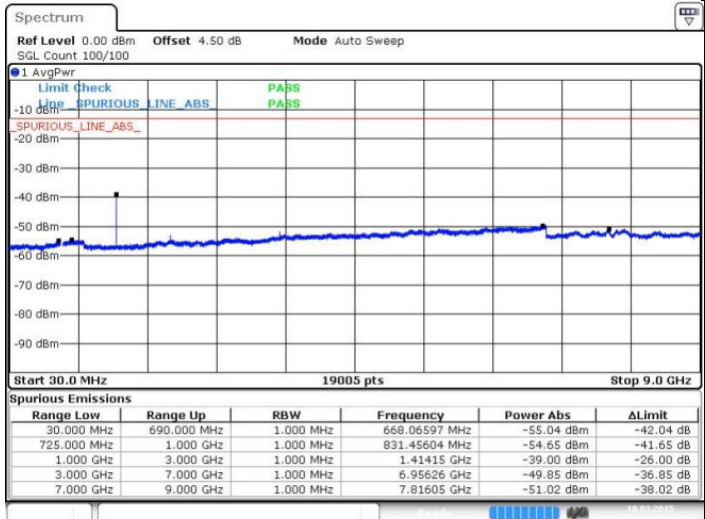
Date: 18.MAR.2015 18:29:35

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 18.MAR.2015 18:30:08



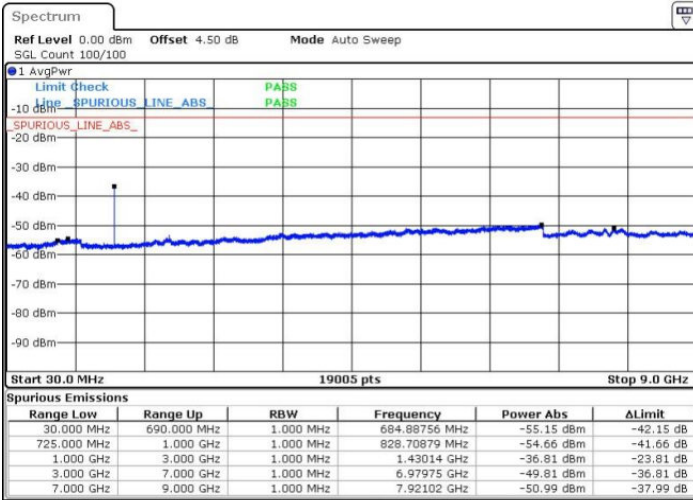
Date: 18.MAR.2015 18:30:32



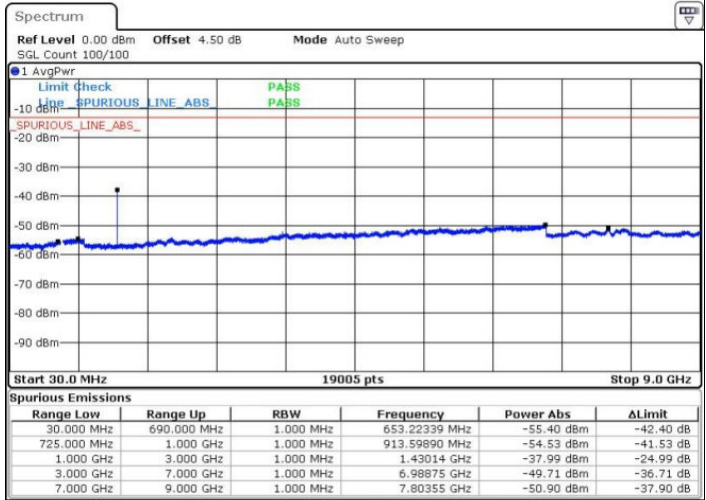
LTE Band 12 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18.MAR.2015 18:31:14

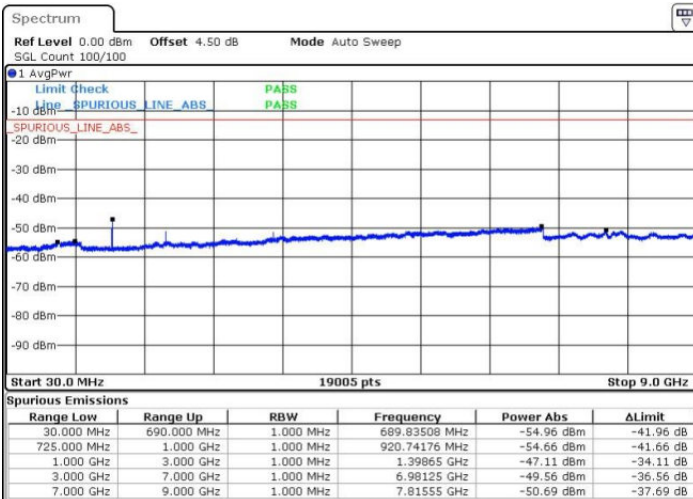


Date: 18.MAR.2015 18:31:40

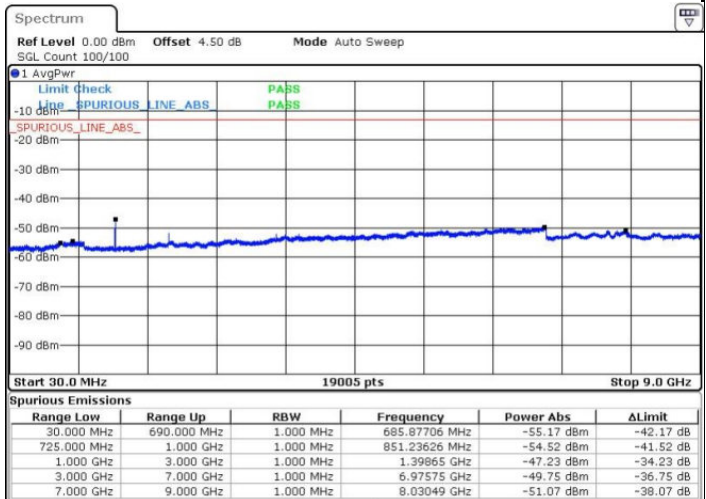
LTE Band 12 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 18.MAR.2015 18:46:04



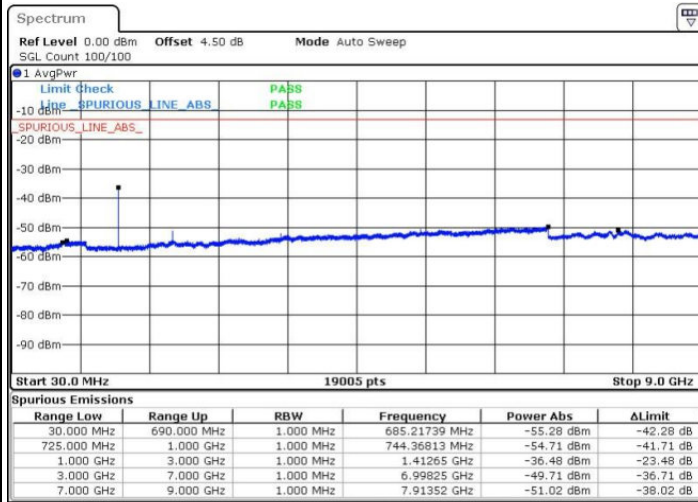
Date: 18.MAR.2015 18:46:29



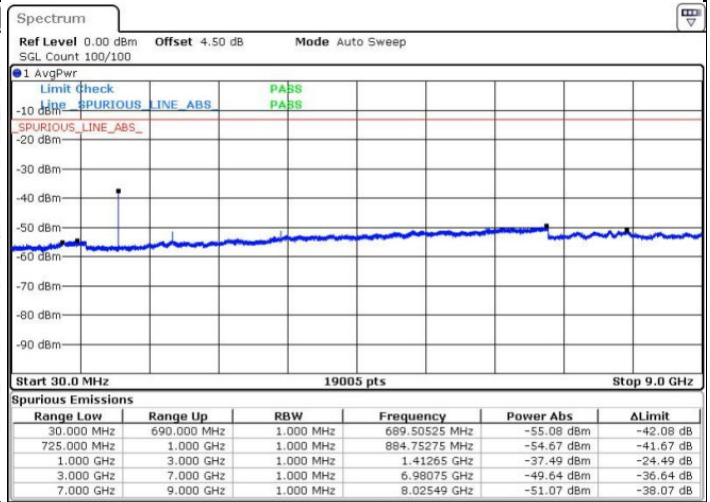
LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



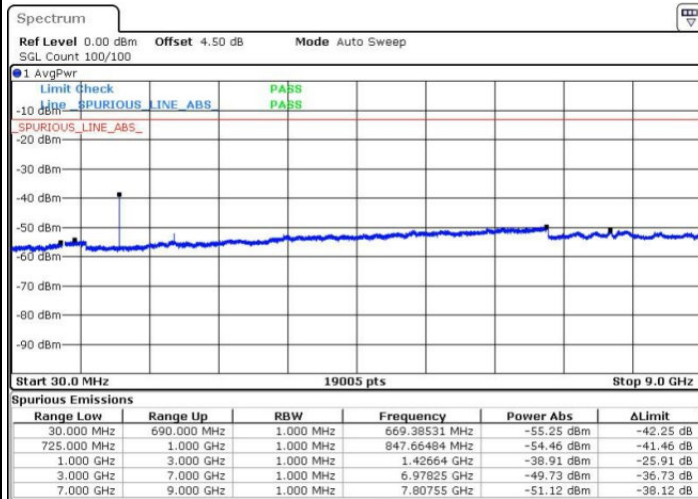
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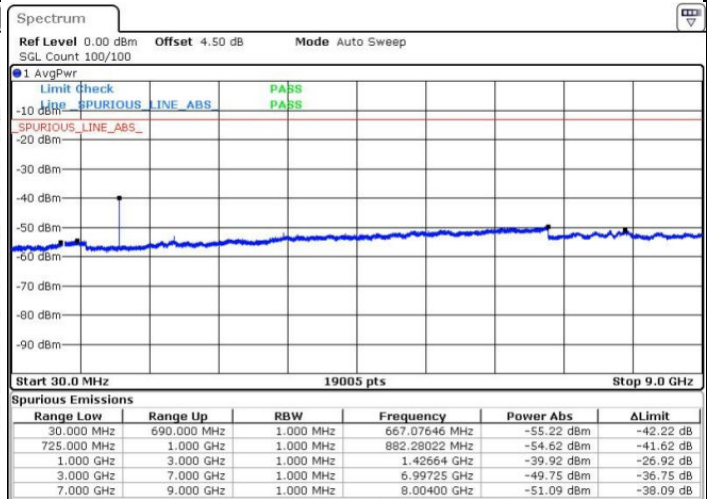
Date: 18.MAR.2015 18:47:38

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18.MAR.2015 18:48:07



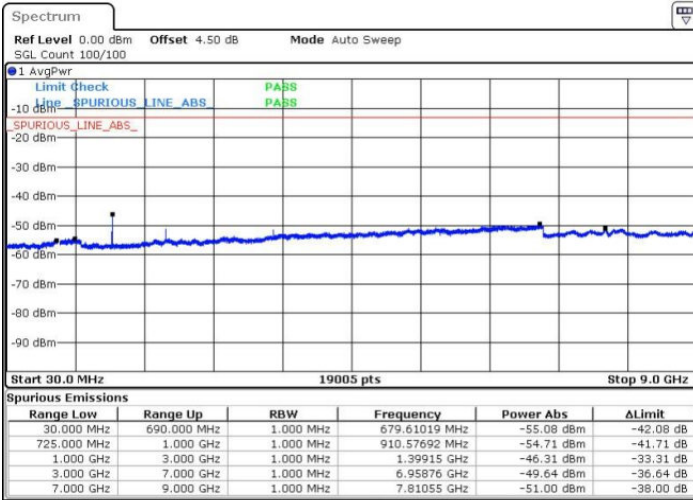
Date: 18.MAR.2015 18:48:35



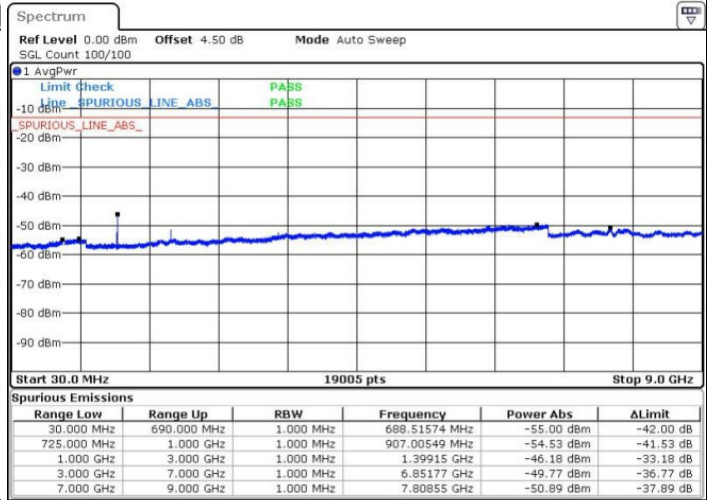
LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



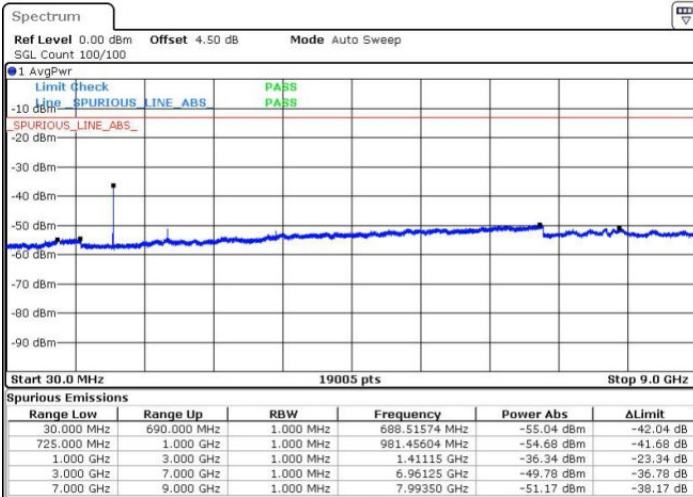
Date: 18.MAR.2015 19:00:44



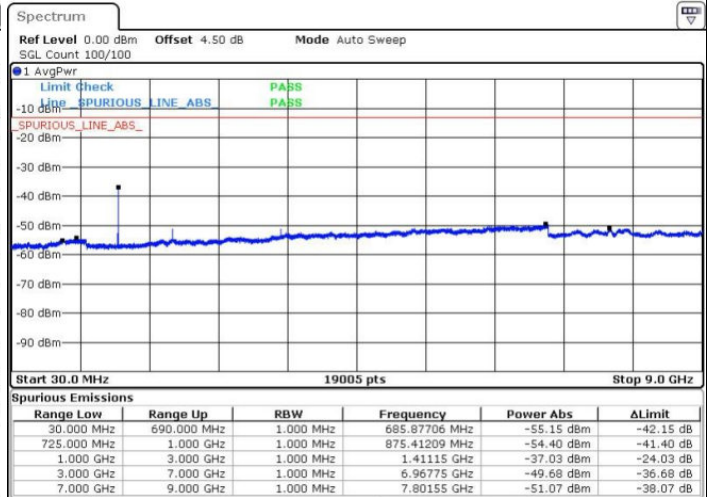
Date: 18.MAR.2015 19:01:14

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 18.MAR.2015 19:01:40



Date: 18.MAR.2015 19:02:09

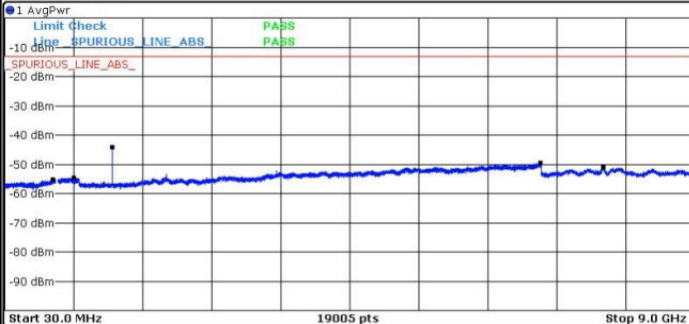


LTE Band 12 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM

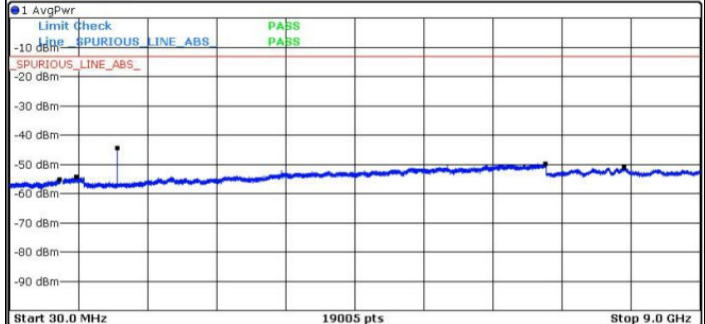
Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SQL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	1.000 MHz	659.49025 MHz	-55.27 dBm	-42.27 dB
725.000 MHz	1.000 GHz	1.000 MHz	926.78571 MHz	-54.64 dBm	-41.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-44.29 dBm	-31.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-49.64 dBm	-36.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.80605 GHz	-51.12 dBm	-38.12 dB

Date: 18.MAR.2015 19:02:36

Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SQL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	1.000 MHz	678.62069 MHz	-55.28 dBm	-42.28 dB
725.000 MHz	1.000 GHz	1.000 MHz	891.89560 MHz	-54.47 dBm	-41.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-44.62 dBm	-31.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98575 GHz	-49.88 dBm	-36.88 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00750 GHz	-51.00 dBm	-38.00 dB

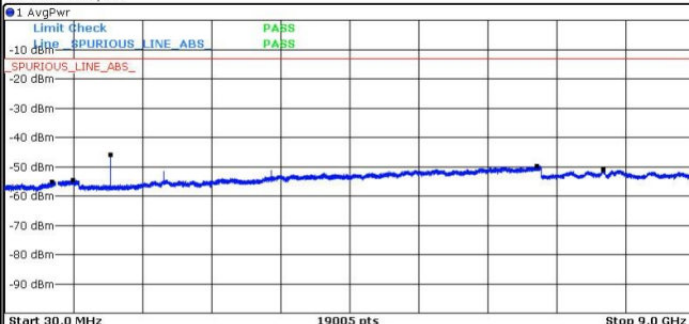
Date: 18.MAR.2015 19:03:01

LTE Band 12 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

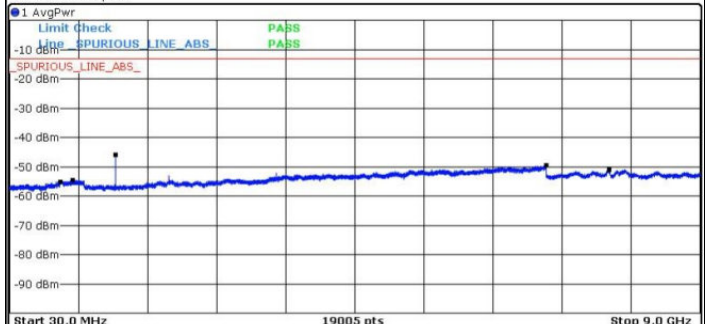
Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SQL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	1.000 MHz	647.94603 MHz	-55.14 dBm	-42.14 dB
725.000 MHz	1.000 GHz	1.000 MHz	917.44505 MHz	-54.61 dBm	-41.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-45.87 dBm	-32.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94826 GHz	-49.81 dBm	-36.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.80505 GHz	-51.17 dBm	-38.17 dB

Date: 18.MAR.2015 19:13:14

Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SQL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	1.000 MHz	683.56822 MHz	-55.12 dBm	-42.12 dB
725.000 MHz	1.000 GHz	1.000 MHz	847.39011 MHz	-54.66 dBm	-41.66 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-46.06 dBm	-33.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-49.66 dBm	-36.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.81405 GHz	-50.96 dBm	-37.96 dB

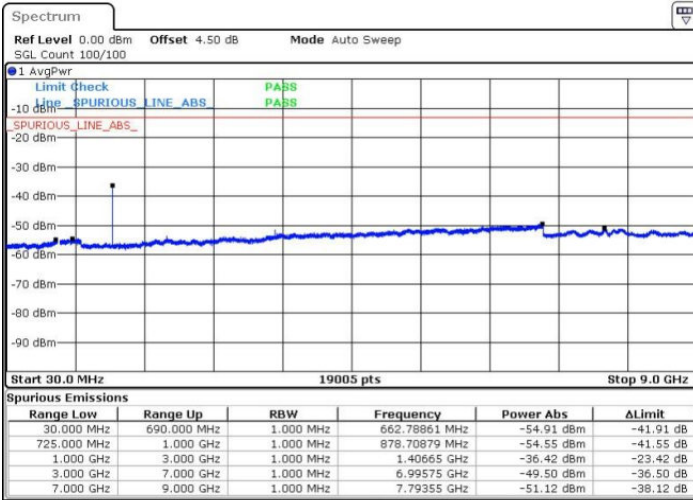
Date: 18.MAR.2015 19:13:42



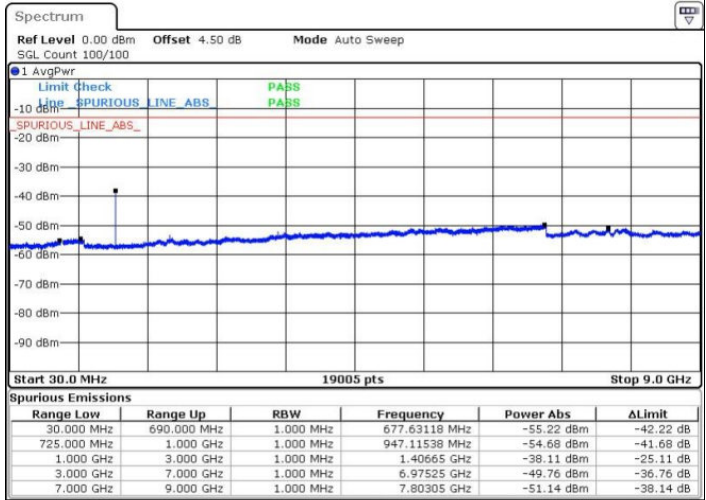
LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



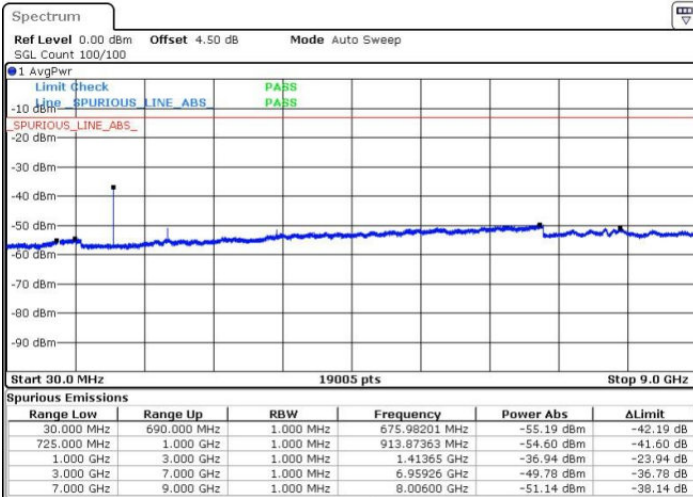
Date: 18.MAR.2015 19:23:25



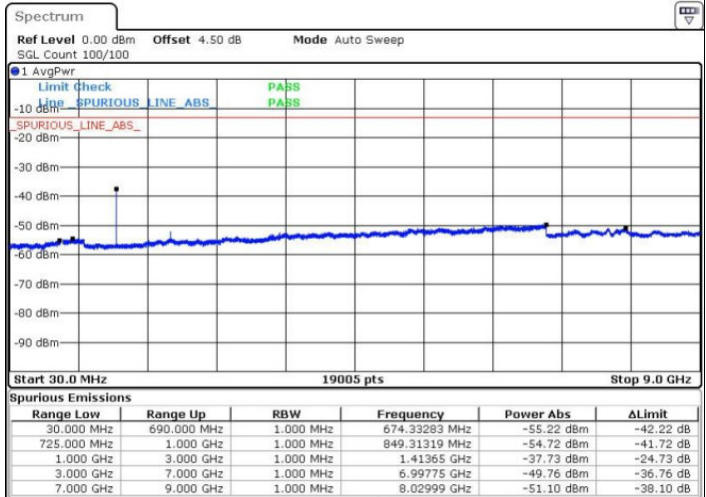
Date: 18.MAR.2015 19:14:38

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18.MAR.2015 19:15:04



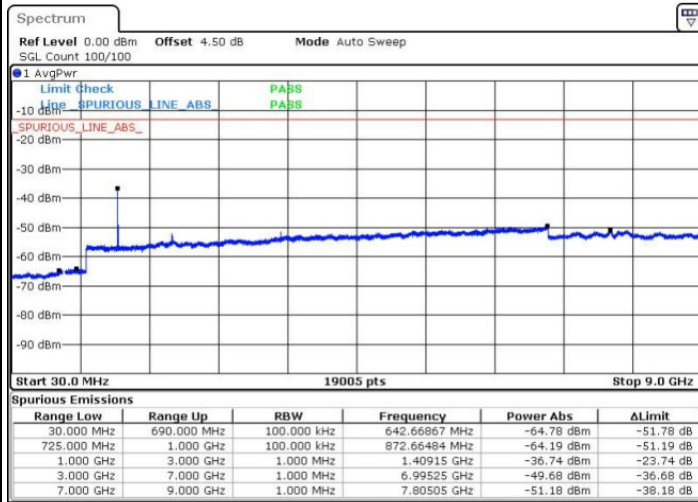
Date: 18.MAR.2015 19:15:32



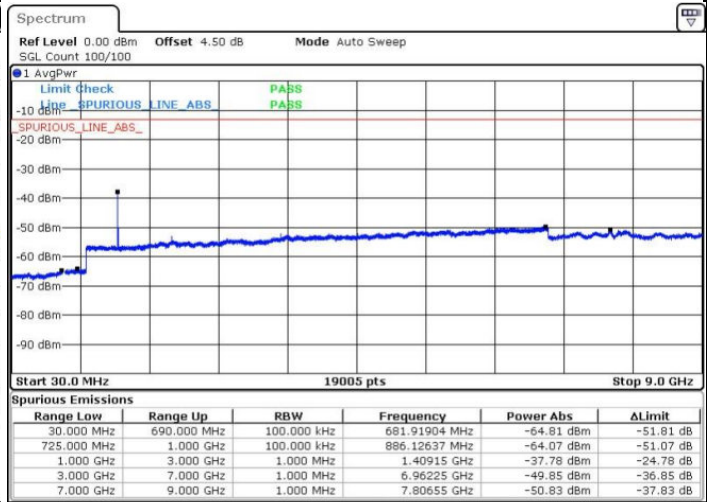
LTE Band 17 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



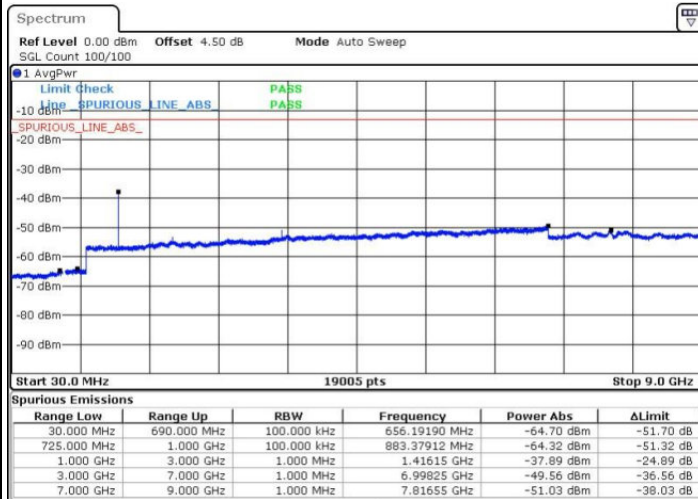
Date: 18.MAR.2015 09:36:32



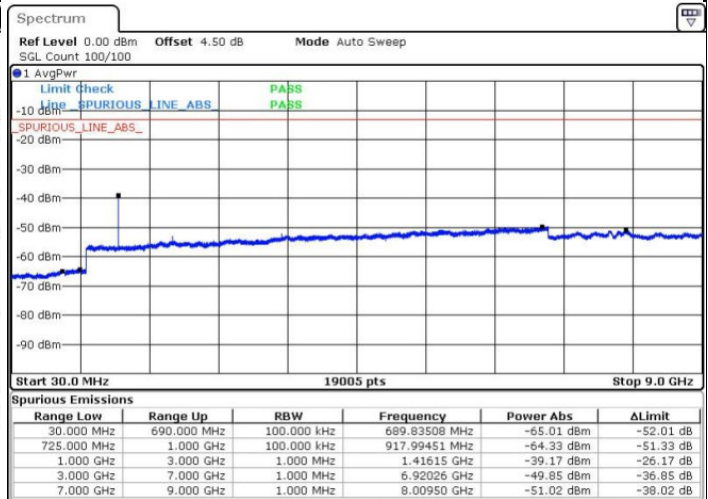
Date: 18.MAR.2015 09:37:50

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 18.MAR.2015 09:39:51



Date: 18.MAR.2015 09:41:09

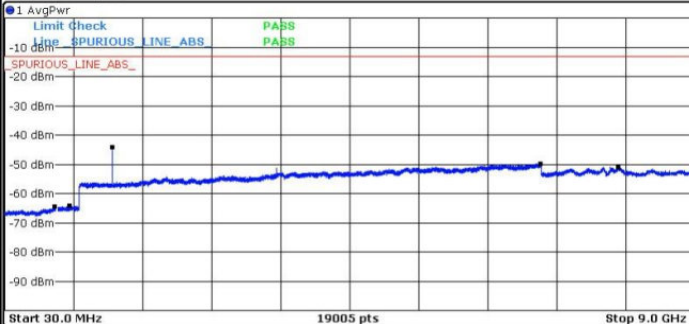


LTE Band 17 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM

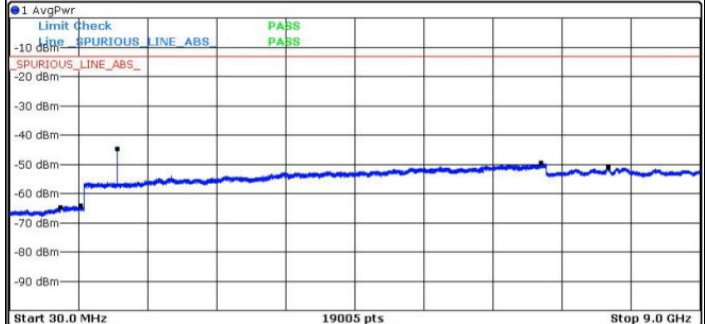
Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SQL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	682.24888 MHz	-64.44 dBm	-51.44 dB
725.000 MHz	1.000 GHz	100.000 kHz	868.54396 MHz	-64.28 dBm	-51.28 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-44.09 dBm	-31.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-49.74 dBm	-36.74 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00400 GHz	-51.03 dBm	-38.03 dB

Date: 18.MAR.2015 09:43:11

Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SQL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	683.56822 MHz	-64.84 dBm	-51.84 dB
725.000 MHz	1.000 GHz	100.000 kHz	953.70879 MHz	-64.27 dBm	-51.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-44.63 dBm	-31.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93376 GHz	-49.41 dBm	-36.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.81155 GHz	-51.16 dBm	-38.16 dB

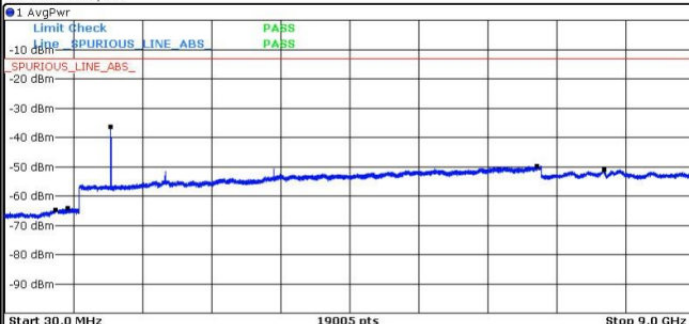
Date: 18.MAR.2015 09:44:28

LTE Band 17 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

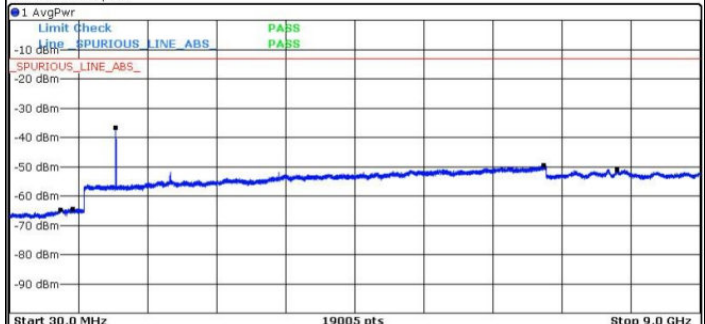
Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SQL Count 100/100

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	684.55772 MHz	-64.67 dBm	-51.67 dB
725.000 MHz	1.000 GHz	100.000 kHz	842.17033 MHz	-64.07 dBm	-51.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-36.48 dBm	-23.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94426 GHz	-49.85 dBm	-36.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.81555 GHz	-51.08 dBm	-38.08 dB

Date: 18.MAR.2015 09:46:30

Spectrum

Ref Level 0.00 dBm Offset 4.50 dB Mode Auto Sweep
SQL Count 100/100

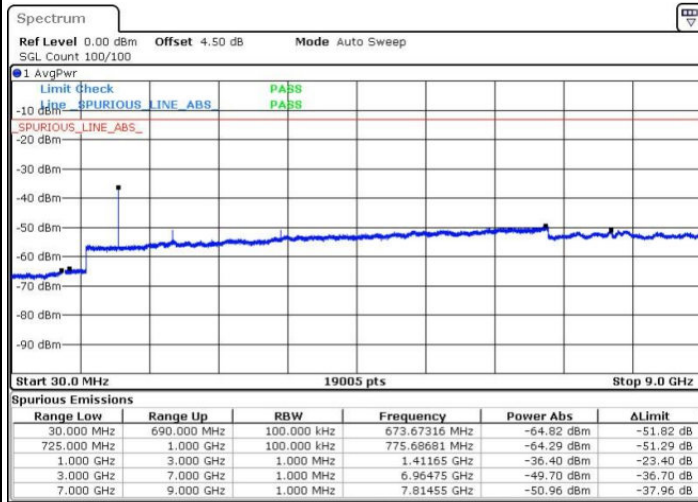
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.86657 MHz	-64.88 dBm	-51.88 dB
725.000 MHz	1.000 GHz	100.000 kHz	852.60989 MHz	-64.39 dBm	-51.39 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-36.78 dBm	-23.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96325 GHz	-49.54 dBm	-36.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.91802 GHz	-50.96 dBm	-37.96 dB

Date: 18.MAR.2015 09:47:47



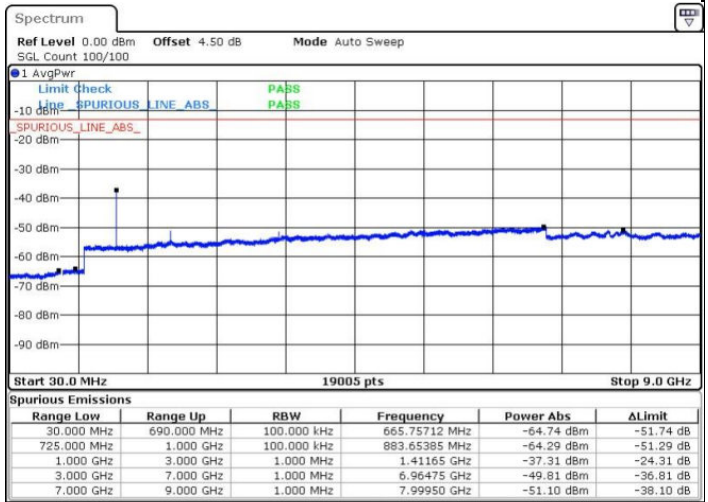
LTE Band 17 / 10MHz

Middle Channel / QPSK



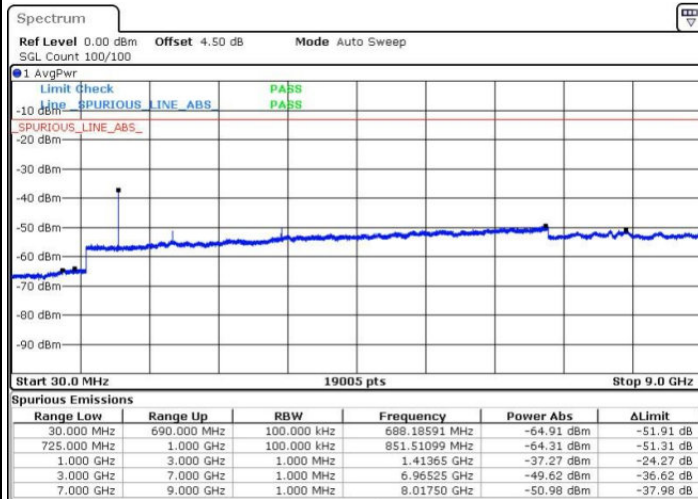
Date: 18.MAR.2015 09:49:49

Middle Channel / 16QAM



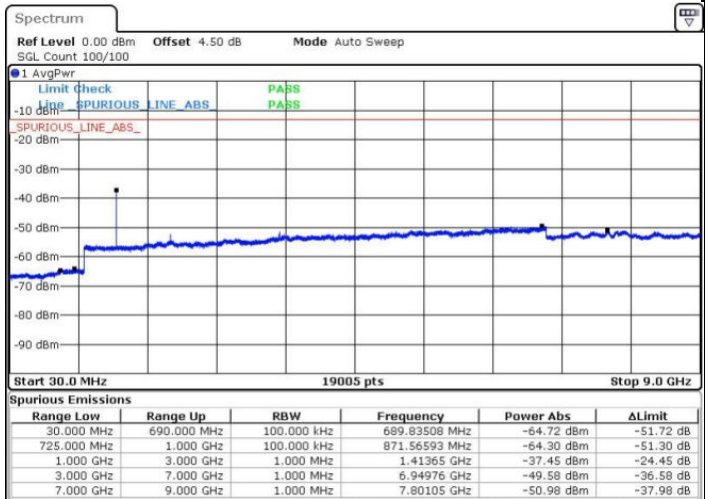
Date: 18.MAR.2015 09:51:07

Highest Channel / QPSK



Date: 18.MAR.2015 09:53:08

Highest Channel / 16QAM



Date: 18.MAR.2015 09:54:26

**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0004	



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0058	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0048	

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0185	PASS
40	Normal Voltage	0.0175	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0161	
0	Normal Voltage	0.0167	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0030	
-30	Normal Voltage	0.0176	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0126	
20	Battery End Point	0.0054	



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0041	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0039	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0062	
20	Normal Voltage	0.0068	
20	Battery End Point	0.0040	

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0069	PASS
40	Normal Voltage	0.0045	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0040	
-10	Normal Voltage	0.0102	
-20	Normal Voltage	0.0122	
-30	Normal Voltage	0.0151	
20	Maximum Voltage	0.0170	
20	Normal Voltage	0.0189	
20	Battery End Point	0.0209	



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0010	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage = 3.80 V. ; Battery End Point (BEP) = 3.50 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	2	22.39	0.1732	22.96	0.1977
Middle		1	2	22.05	0.1604	22.76	0.1887
Highest		3	1	20.06	0.1014	20.44	0.1107
Lowest	16QAM	1	2	22.43	0.1750	22.78	0.1898
Middle		1	0	21.17	0.1309	22.14	0.1638
Highest		3	1	19.11	0.0815	19.85	0.0966
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	7	22.35	0.1717	23.08	0.2032
Middle		1	7	21.95	0.1567	22.77	0.1891
Highest		1	7	22.17	0.1649	22.42	0.1745
Lowest	16QAM	1	7	21.89	0.1546	23.11	0.2045
Middle		1	7	22.00	0.1586	22.79	0.1900
Highest		1	14	21.65	0.1464	21.87	0.1537
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.44	0.1753	22.96	0.1979
Middle		1	12	22.01	0.1590	22.56	0.1802
Highest		1	12	21.92	0.1557	22.46	0.1763
Lowest	16QAM	1	24	22.68	0.1853	22.89	0.1946
Middle		1	24	21.34	0.1360	22.01	0.1589
Highest		1	12	21.81	0.1517	22.45	0.1758
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	22.70	0.1864	22.86	0.1931
Middle		1	24	21.87	0.1539	22.79	0.1901
Highest		1	24	22.12	0.1631	22.61	0.1824
Lowest	16QAM	1	24	22.38	0.1729	22.96	0.1978
Middle		1	0	21.48	0.1407	22.39	0.1733
Highest		1	24	21.84	0.1528	22.16	0.1646
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.79	0.1901	23.22	0.2098
Middle		1	37	21.89	0.1544	22.75	0.1881
Highest		1	0	22.23	0.1670	22.99	0.1990
Lowest	16QAM	1	0	22.26	0.1681	22.20	0.1658
Middle		1	74	21.55	0.1429	22.25	0.1679
Highest		1	37	21.58	0.1438	22.75	0.1884
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.65	0.1841	23.13	0.2054
Middle		1	0	22.30	0.1697	23.01	0.2000
Highest		1	0	21.99	0.1580	22.95	0.1971
Lowest	16QAM	1	49	21.71	0.1483	22.35	0.1719
Middle		1	0	21.60	0.1445	22.45	0.1756
Highest		1	0	21.56	0.1434	22.57	0.1808
Limit	EIRP < 2W			Result		PASS	

LTE Band 4 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	1	22.48	0.1771	21.93	0.1559
Middle		3	0	22.44	0.1755	22.16	0.1645
Highest		1	0	23.53	0.2253	22.92	0.1958
Lowest	16QAM	1	0	22.05	0.1604	21.98	0.1577
Middle		1	2	22.19	0.1657	22.45	0.1760
Highest		3	1	22.29	0.1693	22.73	0.1875
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	7	22.98	0.1988	22.21	0.1665
Middle		1	7	22.83	0.1920	22.77	0.1891
Highest		1	7	23.45	0.2214	23.75	0.2371
Lowest	16QAM	1	7	22.16	0.1645	21.57	0.1436
Middle		1	0	22.65	0.1840	21.97	0.1574
Highest		1	7	23.16	0.2072	22.67	0.1848
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.79	0.1900	21.92	0.1556
Middle		1	0	23.02	0.2004	22.37	0.1726
Highest		1	12	23.25	0.2116	22.98	0.1987
Lowest	16QAM	1	12	22.77	0.1893	21.56	0.1433
Middle		1	0	21.87	0.1539	21.60	0.1447
Highest		1	0	22.08	0.1614	22.22	0.1669
Limit	EIRP < 1W			Result		PASS	

LTE Band 4/ 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.89	0.1946	22.10	0.1623
Middle		1	24	22.99	0.1990	22.52	0.1788
Highest		1	0	23.22	0.2098	23.17	0.2074
Lowest	16QAM	1	0	22.80	0.1907	22.27	0.1687
Middle		1	0	23.31	0.2143	22.19	0.1655
Highest		1	0	23.11	0.2046	22.89	0.1943
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.75	0.1885	22.27	0.1685
Middle		1	0	23.52	0.2247	23.02	0.2006
Highest		1	0	23.22	0.2099	22.57	0.1807
Lowest	16QAM	1	37	22.82	0.1916	21.95	0.1567
Middle		1	0	22.61	0.1823	21.86	0.1533
Highest		1	0	23.40	0.2186	22.66	0.1847
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.68	0.1851	22.11	0.1625
Middle		1	0	23.10	0.2044	22.30	0.1700
Highest		1	0	23.11	0.2045	22.99	0.1991
Lowest	16QAM	1	0	22.50	0.1779	21.54	0.1427
Middle		1	0	22.04	0.1599	21.70	0.1478
Highest		1	0	22.14	0.1638	22.80	0.1905
Limit	EIRP < 1W			Result		PASS	

LTE Band 5 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	20.02	0.1005	10.24	0.0106
Middle		3	1	19.56	0.0904	10.05	0.0101
Highest		3	1	19.28	0.0846	10.00	0.0100
Lowest	16QAM	1	2	20.46	0.1112	9.82	0.0096
Middle		3	1	18.88	0.0773	9.70	0.0093
Highest		3	1	18.43	0.0696	9.16	0.0082
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	20.39	0.1094	10.43	0.0111
Middle		1	7	19.99	0.0997	10.44	0.0111
Highest		1	7	20.10	0.1022	11.37	0.0137
Lowest	16QAM	1	7	19.69	0.0931	10.12	0.0103
Middle		1	7	19.73	0.0940	10.74	0.0119
Highest		1	0	18.85	0.0768	10.50	0.0112
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	20.52	0.1128	9.98	0.0100
Middle		1	12	19.93	0.0985	10.05	0.0101
Highest		1	12	19.61	0.0915	10.59	0.0115
Lowest	16QAM	1	12	19.92	0.0983	9.74	0.0094
Middle		1	24	19.65	0.0923	10.00	0.0100
Highest		1	12	19.28	0.0847	9.96	0.0099
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	20.32	0.1076	10.38	0.0109
Middle		1	24	20.11	0.1025	10.18	0.0104
Highest		1	24	19.95	0.0988	11.01	0.0126
Lowest	16QAM	1	0	20.55	0.1134	10.18	0.0104
Middle		1	0	19.65	0.0923	9.82	0.0096
Highest		1	0	20.05	0.1012	10.04	0.0101
Limit	ERP < 7W			Result		PASS	

LTE Band 7 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.73	0.0941	20.14	0.1033
Middle		1	0	19.97	0.0993	20.73	0.1183
Highest		1	12	21.17	0.1309	21.52	0.1419
Lowest	16QAM	1	12	19.72	0.0938	19.63	0.0918
Middle		1	0	19.33	0.0858	20.56	0.1139
Highest		1	0	21.19	0.1314	20.25	0.1060
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	20.13	0.1030	20.97	0.1251
Middle		1	0	20.12	0.1029	20.97	0.1251
Highest		1	24	20.90	0.1230	21.34	0.1361
Lowest	16QAM	1	0	19.59	0.0910	19.58	0.0909
Middle		1	49	19.55	0.0901	20.14	0.1034
Highest		1	49	20.44	0.1107	20.12	0.1028
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.69	0.0932	20.31	0.1075
Middle		1	0	20.32	0.1077	21.14	0.1301
Highest		1	37	20.82	0.1209	21.00	0.1258
Lowest	16QAM	1	37	19.76	0.0946	19.79	0.0952
Middle		1	74	20.23	0.1055	20.69	0.1173
Highest		1	0	19.99	0.0998	19.95	0.0989
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.68	0.0930	20.51	0.1125
Middle		1	0	20.23	0.1055	21.08	0.1282
Highest		1	0	20.39	0.1093	21.26	0.1338
Lowest	16QAM	1	49	19.85	0.0966	20.42	0.1100
Middle		1	49	19.31	0.0852	19.78	0.0950
Highest		1	49	20.56	0.1137	20.93	0.1240
Limit	EIRP < 2W			Result		PASS	

LTE Band 12 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	14.15	0.0260	1.76	0.0015
Middle		3	2	14.55	0.0285	2.23	0.0017
Highest		3	2	14.92	0.0311	2.69	0.0019
Lowest	16QAM	1	0	13.41	0.0219	1.51	0.0014
Middle		3	1	13.80	0.0240	1.25	0.0013
Highest		3	2	14.13	0.0259	2.10	0.0016
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	7	14.76	0.0299	2.06	0.0016
Middle		1	7	15.09	0.0323	2.77	0.0019
Highest		1	14	15.50	0.0354	3.22	0.0021
Lowest	16QAM	1	7	13.99	0.0251	1.02	0.0013
Middle		1	7	14.65	0.0292	1.91	0.0016
Highest		1	14	14.48	0.0281	2.03	0.0016
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	14.99	0.0316	2.10	0.0016
Middle		1	0	14.87	0.0307	2.09	0.0016
Highest		1	12	15.15	0.0327	2.63	0.0018
Lowest	16QAM	1	12	14.87	0.0307	1.61	0.0014
Middle		1	12	15.03	0.0319	2.36	0.0017
Highest		1	12	14.90	0.0309	2.38	0.0017
Limit	ERP < 3W			Result		PASS	

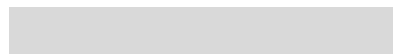
LTE Band 12 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	14.64	0.0291	1.64	0.0015
Middle		1	0	14.52	0.0283	1.66	0.0015
Highest		1	0	15.07	0.0321	2.35	0.0017
Lowest	16QAM	1	0	13.95	0.0248	0.98	0.0013
Middle		1	0	13.90	0.0245	0.73	0.0012
Highest		1	0	14.42	0.0276	1.02	0.0013
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	14.53	0.0284	1.54	0.0014
Middle		1	12	14.88	0.0307	2.77	0.0019
Highest		1	12	15.18	0.0330	3.08	0.0020
Lowest	16QAM	1	24	14.29	0.0269	0.83	0.0012
Middle		1	0	14.58	0.0287	2.16	0.0016
Highest		1	12	15.17	0.0329	3.50	0.0022
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	14.77	0.0300	2.25	0.0017
Middle		1	0	15.03	0.0318	2.12	0.0016
Highest		1	0	14.90	0.0309	2.21	0.0017
Lowest	16QAM	1	49	14.89	0.0309	2.61	0.0018
Middle		1	49	15.45	0.0350	2.89	0.0019
Highest		1	49	15.19	0.0330	2.43	0.0018
Limit	ERP < 3W			Result		PASS	

**LTE Band 4 EIRP for Spot Check**

LTE Band 4 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	7	19.11	0.0814	20.28	0.1066
Middle		1	7	19.58	0.0909	21.47	0.1404
Highest		1	7	19.03	0.0799	21.23	0.1327
Lowest	16QAM	1	7	16.96	0.0496	18.12	0.0648
Middle		1	0	17.77	0.0599	20.48	0.1118
Highest		1	7	16.52	0.0448	19.45	0.0880
Limit	EIRP < 1W			Result		PASS	



Radiated Spurious Emission

Band :	LTE Band 2 for CH18607					Temperature :	23~25℃		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Leo Liao					Polarization :	Horizontal		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over Limit	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	loss	Gain	(H/V)	
3700.32	-50.89	-13	-37.89	-64.08	-62.24	1.25	12.60	H	Pass
5550.48	-49.63	-13	-36.63	-65.23	-61.30	1.43	13.10	H	Pass
7400.64	-46.23	-13	-33.23	-65.19	-55.27	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH18607					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Leo Liao					Polarization :	Vertical		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3700.32	-51.30	-13	-38.30	-63.47	-62.65	1.25	12.6	V	Pass
5550.48	-50.88	-13	-37.88	-65.36	-62.55	1.43	13.1	V	Pass
7400.64	-44.69	-13	-31.69	-65.82	-53.73	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH18900	Temperature :	23~25°C						
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over Limit	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3758.92	-51.04	-13	-38.04	-64.15	-62.39	1.25	12.60	H	Pass
5638.38	-50.08	-13	-37.08	-65.62	-61.75	1.43	13.10	H	Pass
7517.84	-46.03	-13	-33.03	-64.95	-55.07	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH18900					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Leo Liao					Polarization :	Vertical		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3758.92	-52.42	-13	-39.42	-64.55	-63.77	1.25	12.6	V	Pass
5638.38	-50.52	-13	-37.52	-64.93	-62.19	1.43	13.1	V	Pass
7517.84	-65.26	-13	-52.26	-65.26	-74.30	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH19193	Temperature :	23~25℃						
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3817.52	-51.24	-13	-38.24	-64.29	-62.59	1.25	12.60	H	Pass
5726.28	-48.86	-13	-35.86	-64.36	-60.53	1.43	13.10	H	Pass
7635.04	-45.65	-13	-32.65	-64.68	-54.69	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH19193	Temperature :	23~25°C						
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3817.52	-51.85	-13	-38.85	-64.09	-63.20	1.25	12.6	V	Pass
5726.28	-51.09	-13	-38.09	-65.46	-62.76	1.43	13.1	V	Pass
7635.04	-43.84	-13	-30.84	-64.96	-52.88	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH18615	Temperature :	23~25℃						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3700.48	-50.72	-13	-37.72	-63.91	-62.07	1.25	12.60	H	Pass
5550.72	-49.39	-13	-36.39	-64.99	-61.06	1.43	13.10	H	Pass
7400.96	-46.65	-13	-33.65	-65.61	-55.69	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH18615	Temperature :	23~25°C						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3700.48	-51.59	-13	-38.59	-63.76	-62.94	1.25	12.6	V	Pass
5550.72	-50.51	-13	-37.51	-64.99	-62.18	1.43	13.1	V	Pass
7400.96	-44.33	-13	-31.33	-65.46	-53.37	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH18900	Temperature :	23~25℃						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
			(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3758.92	-51.00	-13	-38.00	-64.11	-62.35	1.25	12.60	H	Pass
5638.38	-49.43	-13	-36.43	-64.97	-61.10	1.43	13.10	H	Pass
7517.84	-45.92	-13	-32.92	-64.84	-54.96	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH18900	Temperature :	23~25°C						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3758.92	-51.98	-13	-38.98	-64.11	-63.33	1.25	12.6	V	Pass
5638.38	-50.85	-13	-37.85	-65.26	-62.52	1.43	13.1	V	Pass
7517.84	-44.27	-13	-31.27	-65.32	-53.31	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH19185	Temperature :	23~25℃						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3814.48	-50.75	-13	-37.75	-63.80	-62.10	1.25	12.60	H	Pass
5721.72	-50.33	-13	-37.33	-65.83	-62.00	1.43	13.10	H	Pass
7628.96	-46.14	-13	-33.14	-65.17	-55.18	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH19185	Temperature :	23~25°C						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3814.48	-52.12	-13	-39.12	-64.36	-63.47	1.25	12.6	V	Pass
5721.72	-50.03	-13	-37.03	-64.4	-61.70	1.43	13.1	V	Pass
7628.96	-43.86	-13	-30.86	-64.98	-52.90	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH18625	Temperature :	23~25℃						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3700.68	-50.71	-13	-37.71	-63.90	-62.06	1.25	12.60	H	Pass
5551.02	-49.69	-13	-36.69	-65.29	-61.36	1.43	13.10	H	Pass
7401.36	-46.82	-13	-33.82	-65.78	-55.86	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH18625	Temperature :	23~25°C						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3700.68	-52.15	-13	-39.15	-64.32	-63.50	1.25	12.6	V	Pass
5551.02	-50.12	-13	-37.12	-64.6	-61.79	1.43	13.1	V	Pass
7401.36	-44.65	-13	-31.65	-65.78	-53.69	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH18900	Temperature :	23~25℃						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3755.68	-50.90	-13	-37.90	-64.01	-62.25	1.25	12.60	H	Pass
5633.52	-49.76	-13	-36.76	-65.30	-61.43	1.43	13.10	H	Pass
7511.36	-46.29	-13	-33.29	-65.21	-55.33	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH18900				Temperature :	23~25°C			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Leo Liao				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3755.68	-51.65	-13	-38.65	-63.78	-63.00	1.25	12.6	V	Pass
5633.52	-50.58	-13	-37.58	-64.99	-62.25	1.43	13.1	V	Pass
7511.36	-43.64	-13	-30.64	-64.69	-52.68	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH19175				Temperature :	23~25℃			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Leo Liao				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3808	-49.17	-13	-36.17	-62.22	-60.52	1.25	12.60	H	Pass
5716	-49.61	-13	-36.61	-65.11	-61.28	1.43	13.10	H	Pass
7620	-45.61	-13	-32.61	-64.64	-54.65	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH19175				Temperature :	23~25°C			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Leo Liao				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3808	-51.47	-13	-38.47	-63.71	-62.82	1.25	12.6	V	Pass
5716	-50.50	-13	-37.50	-64.87	-62.17	1.43	13.1	V	Pass
7620	-43.10	-13	-30.10	-64.22	-52.14	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH18650				Temperature :	23~25℃			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Leo Liao				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3701.18	-50.99	-13	-37.99	-64.18	-62.34	1.25	12.60	H	Pass
5551.77	-49.97	-13	-36.97	-65.57	-61.64	1.43	13.10	H	Pass
7402.36	-46.40	-13	-33.40	-65.36	-55.44	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH18650				Temperature :	23~25°C			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Leo Liao				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3701.18	-51.91	-13	-38.91	-64.08	-63.26	1.25	12.6	V	Pass
5551.77	-50.84	-13	-37.84	-65.32	-62.51	1.43	13.1	V	Pass
7402.36	-43.92	-13	-30.92	-65.05	-52.96	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH18900					Temperature :	23~25℃		
Test Mode :	10MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Leo Liao					Polarization :	Horizontal		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3751.18	-51.16	-13	-38.16	-64.27	-62.51	1.25	12.60	H	Pass
5626.77	-49.84	-13	-36.84	-65.38	-61.51	1.43	13.10	H	Pass
7502.36	-46.12	-13	-33.12	-65.04	-55.16	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH18900	Temperature :	23~25°C						
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3751.18	-52.04	-13	-39.04	-64.17	-63.39	1.25	12.6	V	Pass
5626.77	-50.88	-13	-37.88	-65.29	-62.55	1.43	13.1	V	Pass
7502.36	-43.90	-13	-30.90	-64.95	-52.94	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH19150				Temperature :	23~25℃			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Leo Liao				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3801.18	-51.55	-13	-38.55	-64.60	-62.90	1.25	12.60	H	Pass
5701.77	-49.28	-13	-36.28	-64.78	-60.95	1.43	13.10	H	Pass
7602.36	-45.18	-13	-32.18	-64.21	-54.22	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH19150				Temperature :	23~25°C			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Leo Liao				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3801.18	-52.32	-13	-39.32	-64.56	-63.67	1.25	12.6	V	Pass
5701.77	-50.82	-13	-37.82	-65.19	-62.49	1.43	13.1	V	Pass
7602.36	-43.64	-13	-30.64	-64.76	-52.68	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH18675	Temperature :	23~25℃						
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3701.68	-50.74	-13	-37.74	-63.93	-62.09	1.25	12.60	H	Pass
5552.52	-50.30	-13	-37.30	-65.90	-61.97	1.43	13.10	H	Pass
7403.36	-45.27	-13	-32.27	-64.23	-54.31	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH18675	Temperature :	23~25°C						
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3701.68	-51.45	-13	-38.45	-63.62	-62.80	1.25	12.6	V	Pass
5552.52	-50.77	-13	-37.77	-65.25	-62.44	1.43	13.1	V	Pass
7403.36	-44.10	-13	-31.10	-65.23	-53.14	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH18900	Temperature :	23~25℃						
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3746.68	-50.77	-13	-37.77	-63.88	-62.12	1.25	12.60	H	Pass
5620.02	-49.94	-13	-36.94	-65.48	-61.61	1.43	13.10	H	Pass
7493.36	-46.41	-13	-33.41	-65.33	-55.45	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH18900				Temperature :	23~25°C			
Test Mode :	15MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Leo Liao				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3746.68	-51.81	-13	-38.81	-63.94	-63.16	1.25	12.6	V	Pass
5620.02	-50.15	-13	-37.15	-64.56	-61.82	1.43	13.1	V	Pass
7493.36	-44.45	-13	-31.45	-65.5	-53.49	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH19125	Temperature :	23~25℃						
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
			(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3791.68	-51.55	-13	-38.55	-64.60	-62.90	1.25	12.60	H	Pass
5687.52	-49.79	-13	-36.79	-65.29	-61.46	1.43	13.10	H	Pass
7583.36	-45.75	-13	-32.75	-64.78	-54.79	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH19125	Temperature :	23~25°C						
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3791.68	-51.37	-13	-38.37	-63.61	-62.72	1.25	12.6	V	Pass
5687.52	-50.25	-13	-37.25	-64.62	-61.92	1.43	13.1	V	Pass
7583.36	-43.85	-13	-30.85	-64.97	-52.89	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH18700	Temperature :	23~25℃						
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3702.18	-48.66	-13	-35.66	-61.85	-60.01	1.25	12.60	H	Pass
5553.27	-48.55	-13	-35.55	-64.15	-60.22	1.43	13.10	H	Pass
7404.36	-45.45	-13	-32.45	-64.41	-54.49	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH18700				Temperature :	23~25°C			
Test Mode :	20MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Leo Liao				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3702.18	-50.20	-13	-37.20	-62.37	-61.55	1.25	12.6	V	Pass
5553.27	-50.07	-13	-37.07	-64.55	-61.74	1.43	13.1	V	Pass
7404.36	-43.90	-13	-30.90	-65.03	-52.94	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH18900	Temperature :	23~25℃						
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3742.18	-49.00	-13	-36.00	-62.11	-60.35	1.25	12.60	H	Pass
5613.27	-48.72	-13	-35.72	-64.26	-60.39	1.43	13.10	H	Pass
7484.36	-45.57	-13	-32.57	-64.49	-54.61	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH18900	Temperature :	23~25°C						
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3742.18	-51.60	-13	-38.60	-63.73	-62.95	1.25	12.6	V	Pass
5613.27	-49.92	-13	-36.92	-64.33	-61.59	1.43	13.1	V	Pass
7484.36	-43.65	-13	-30.65	-64.7	-52.69	2.26	11.3	V	Pass



Band :	LTE Band 2 for CH19100				Temperature :	23~25℃			
Test Mode :	20MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Leo Liao				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3782.18	-50.56	-13	-37.56	-63.61	-61.91	1.25	12.60	H	Pass
5673.27	-49.36	-13	-36.36	-64.86	-61.03	1.43	13.10	H	Pass
7564.36	-45.04	-13	-32.04	-64.07	-54.08	2.26	11.30	H	Pass

Band :	LTE Band 2 for CH19100	Temperature :	23~25°C						
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Leo Liao	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3782.18	-50.40	-13	-37.40	-62.64	-61.75	1.25	12.6	V	Pass
5673.27	-50.25	-13	-37.25	-64.62	-61.92	1.43	13.1	V	Pass
7564.36	-43.28	-13	-30.28	-64.4	-52.32	2.26	11.3	V	Pass



Band :	LTE Band 4 for CH19957	Temperature :	23~25℃						
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
			(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3420	-51.00	-13	-38.00	-63.41	-57.90	1.4	8.30	H	Pass
5130.48	-45.28	-13	-32.28	-63.72	-53.93	1.65	10.30	H	Pass
6840.64	-43.28	-13	-30.28	-65.52	-53.83	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH19957	Temperature :	23~25°C						
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3420	-47.29	-13	-34.29	-62.58	-54.19	1.4	8.3	V	Pass
5130.48	-47.13	-13	-34.13	-64.66	-55.78	1.65	10.3	V	Pass
6840.64	-42.90	-13	-29.90	-65.45	-53.45	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20175	Temperature :	23~25℃						
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3463.92	-48.05	-13	-35.05	-60.46	-54.95	1.4	8.30	H	Pass
5196	-45.70	-13	-32.70	-64.14	-54.35	1.65	10.30	H	Pass
6927.84	-42.03	-13	-29.03	-64.27	-52.58	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20175	Temperature :	23~25°C						
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3463.92	-45.45	-13	-32.45	-60.74	-52.35	1.4	8.3	V	Pass
5196	-47.33	-13	-34.33	-64.86	-55.98	1.65	10.3	V	Pass
6927.84	-42.27	-13	-29.27	-64.82	-52.82	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20393				Temperature :	23~25℃			
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3507.52	-50.24	-13	-37.24	-62.65	-57.14	1.4	8.30	H	Pass
5261.28	-47.06	-13	-34.06	-65.50	-55.71	1.65	10.30	H	Pass
7015.04	-43.36	-13	-30.36	-65.60	-53.91	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20393	Temperature :	23~25°C						
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3507.52	-47.36	-13	-34.36	-62.65	-54.26	1.4	8.3	V	Pass
5261.28	-46.31	-13	-33.31	-63.84	-54.96	1.65	10.3	V	Pass
7015.04	-43.11	-13	-30.11	-65.66	-53.66	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH19965				Temperature :	23~25°C			
Test Mode :	3MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3420	-50.39	-13	-37.39	-62.80	-57.29	1.4	8.30	H	Pass
5132	-45.95	-13	-32.95	-64.39	-54.60	1.65	10.30	H	Pass
6840.96	-42.50	-13	-29.50	-64.74	-53.05	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH19965	Temperature :	23~25°C						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3420	-47.58	-13	-34.58	-62.87	-54.48	1.4	8.3	V	Pass
5132	-45.70	-13	-32.70	-63.23	-54.35	1.65	10.3	V	Pass
6840.96	-42.30	-13	-29.30	-64.85	-52.85	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20175				Temperature :	23~25℃			
Test Mode :	3MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3464	-52.46	-13	-39.46	-64.87	-59.36	1.4	8.30	H	Pass
5192	-47.50	-13	-34.50	-65.94	-56.15	1.65	10.30	H	Pass
6924	-42.53	-13	-29.53	-64.77	-53.08	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20175	Temperature :	23~25°C						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3464	-49.36	-13	-36.36	-64.65	-56.26	1.4	8.3	V	Pass
5192	-48.21	-13	-35.21	-65.74	-56.86	1.65	10.3	V	Pass
6924	-42.66	-13	-29.66	-65.21	-53.21	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20385	Temperature :	23~25℃						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3504	-49.19	-13	-36.19	-61.60	-56.09	1.4	8.30	H	Pass
5256	-46.43	-13	-33.43	-64.87	-55.08	1.65	10.30	H	Pass
7008	-42.75	-13	-29.75	-64.99	-53.30	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20385	Temperature :	23~25°C						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3504	-46.54	-13	-33.54	-61.83	-53.44	1.4	8.3	V	Pass
5256	-47.62	-13	-34.62	-65.15	-56.27	1.65	10.3	V	Pass
7008	-42.54	-13	-29.54	-65.09	-53.09	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH19975	Temperature :	23~25℃						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
			(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3420.68	-49.07	-13	-36.07	-61.48	-55.97	1.4	8.30	H	Pass
5131.02	-45.91	-13	-32.91	-64.35	-54.56	1.65	10.30	H	Pass
6841.36	-42.84	-13	-29.84	-65.08	-53.39	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH19975				Temperature :	23~25°C			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3420.68	-47.17	-13	-34.17	-62.46	-54.07	1.4	8.3	V	Pass
5131.02	-46.45	-13	-33.45	-63.98	-55.10	1.65	10.3	V	Pass
6841.36	-42.03	-13	-29.03	-64.58	-52.58	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20175				Temperature :	23~25℃			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3460.68	-48.33	-13	-35.33	-60.74	-55.23	1.4	8.30	H	Pass
5192	-44.92	-13	-31.92	-63.36	-53.57	1.65	10.30	H	Pass
6921.36	-42.59	-13	-29.59	-64.83	-53.14	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20175				Temperature :	23~25°C			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3460.68	-45.85	-13	-32.85	-61.14	-52.75	1.4	8.3	V	Pass
5192	-46.93	-13	-33.93	-64.46	-55.58	1.65	10.3	V	Pass
6921.36	-42.52	-13	-29.52	-65.07	-53.07	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20375	Temperature :	23~25℃						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
			(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3500.68	-48.44	-13	-35.44	-60.85	-55.34	1.4	8.30	H	Pass
5252	-45.74	-13	-32.74	-64.18	-54.39	1.65	10.30	H	Pass
7001.36	-42.86	-13	-29.86	-65.10	-53.41	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20375				Temperature :	23~25°C			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3500.68	-46.01	-13	-33.01	-61.3	-52.91	1.4	8.3	V	Pass
5252	-45.60	-13	-32.60	-63.13	-54.25	1.65	10.3	V	Pass
7001.36	-43.08	-13	-30.08	-65.63	-53.63	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20000	Temperature :	23~25℃						
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
		(dB)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3420	-50.03	-13	-37.03	-62.44	-56.93	1.4	8.30	H	Pass
5132	-45.38	-13	-32.38	-63.82	-54.03	1.65	10.30	H	Pass
6842.36	-42.21	-13	-29.21	-64.45	-52.76	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20000				Temperature :	23~25°C			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3420	-47.25	-13	-34.25	-62.54	-54.15	1.4	8.3	V	Pass
5132	-46.18	-13	-33.18	-63.71	-54.83	1.65	10.3	V	Pass
6842.36	-42.11	-13	-29.11	-64.66	-52.66	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20175				Temperature :	23~25℃			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
			(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3456.18	-48.26	-13	-35.26	-60.67	-55.16	1.4	8.30	H	Pass
5184.27	-41.72	-13	-28.72	-60.16	-50.37	1.65	10.30	H	Pass
6912.36	-42.33	-13	-29.33	-64.57	-52.88	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20175	Temperature :	23~25°C						
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3456.18	-45.59	-13	-32.59	-60.88	-52.49	1.4	8.3	V	Pass
5184.27	-46.71	-13	-33.71	-64.24	-55.36	1.65	10.3	V	Pass
6912.36	-41.63	-13	-28.63	-64.18	-52.18	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20350	Temperature :	23~25°C						
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over Limit	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3492	-50.12	-13	-37.12	-62.53	-57.02	1.4	8.30	H	Pass
5236	-45.70	-13	-32.70	-64.14	-54.35	1.65	10.30	H	Pass
6982.36	-41.37	-13	-28.37	-63.61	-51.92	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20350				Temperature :	23~25°C			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3492	-47.44	-13	-34.44	-62.73	-54.34	1.4	8.3	V	Pass
5236	-47.22	-13	-34.22	-64.75	-55.87	1.65	10.3	V	Pass
6982.36	-42.03	-13	-29.03	-64.58	-52.58	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20025	Temperature :	23~25℃						
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3420	-50.22	-13	-37.22	-62.63	-57.12	1.4	8.30	H	Pass
5132.52	-41.78	-13	-28.78	-60.22	-50.43	1.65	10.30	H	Pass
6843.36	-42.37	-13	-29.37	-64.61	-52.92	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20025				Temperature :	23~25°C			
Test Mode :	15MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3420	-46.95	-13	-33.95	-62.24	-53.85	1.4	8.3	V	Pass
5132.52	-46.40	-13	-33.40	-63.93	-55.05	1.65	10.3	V	Pass
6843.36	-42.59	-13	-29.59	-65.14	-53.14	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20175				Temperature :	23~25℃			
Test Mode :	15MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3451.68	-48.50	-13	-35.50	-60.91	-55.40	1.4	8.30	H	Pass
5177.52	-42.07	-13	-29.07	-60.51	-50.72	1.65	10.30	H	Pass
6903.36	-42.50	-13	-29.50	-64.74	-53.05	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20175				Temperature :	23~25°C			
Test Mode :	15MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3451.68	-46.30	-13	-33.30	-61.59	-53.20	1.4	8.3	V	Pass
5177.52	-47.44	-13	-34.44	-64.97	-56.09	1.65	10.3	V	Pass
6903.36	-42.22	-13	-29.22	-64.77	-52.77	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20325	Temperature :	23~25℃						
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3480	-51.15	-13	-38.15	-63.56	-58.05	1.4	8.30	H	Pass
5222.52	-42.46	-13	-29.46	-60.90	-51.11	1.65	10.30	H	Pass
6963.36	-42.44	-13	-29.44	-64.68	-52.99	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20325				Temperature :	23~25°C			
Test Mode :	15MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3480	-47.18	-13	-34.18	-62.47	-54.08	1.4	8.3	V	Pass
5222.52	-46.23	-13	-33.23	-63.76	-54.88	1.65	10.3	V	Pass
6963.36	-42.06	-13	-29.06	-64.61	-52.61	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20050				Temperature :	23~25℃			
Test Mode :	20MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3420	-50.52	-13	-37.52	-62.93	-57.42	1.4	8.30	H	Pass
5136	-44.53	-13	-31.53	-62.97	-53.18	1.65	10.30	H	Pass
6844.36	-42.71	-13	-29.71	-64.95	-53.26	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20050				Temperature :	23~25°C			
Test Mode :	20MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3420	-47.88	-13	-34.88	-63.17	-54.78	1.4	8.3	V	Pass
5136	-46.98	-13	-33.98	-64.51	-55.63	1.65	10.3	V	Pass
6844.36	-42.17	-13	-29.17	-64.72	-52.72	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20175	Temperature :	23~25℃						
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
			(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3447.18	-48.62	-13	-35.62	-61.03	-55.52	1.4	8.30	H	Pass
5170.77	-43.66	-13	-30.66	-62.10	-52.31	1.65	10.30	H	Pass
6894.36	-42.63	-13	-29.63	-64.87	-53.18	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20175	Temperature :	23~25°C						
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3447.18	-46.16	-13	-33.16	-61.45	-53.06	1.4	8.3	V	Pass
5170.77	-47.87	-13	-34.87	-65.4	-56.52	1.65	10.3	V	Pass
6894.36	-42.18	-13	-29.18	-64.73	-52.73	1.85	12.4	V	Pass



Band :	LTE Band 4 for CH20300	Temperature :	23~25℃						
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain	(H/V)	
(dB)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)		
3472	-50.57	-13	-37.57	-62.98	-57.47	1.4	8.30	H	Pass
5208.27	-43.02	-13	-30.02	-61.46	-51.67	1.65	10.30	H	Pass
6944.36	-41.88	-13	-28.88	-64.12	-52.43	1.85	12.40	H	Pass

Band :	LTE Band 4 for CH20300				Temperature :	23~25°C			
Test Mode :	20MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
3472	-47.36	-13	-34.36	-62.65	-54.26	1.4	8.3	V	Pass
5208.27	-46.84	-13	-33.84	-64.37	-55.49	1.65	10.3	V	Pass
6944.36	-42.74	-13	-29.74	-65.29	-53.29	1.85	12.4	V	Pass



Band :	LTE Band 5 for CH20407				Temperature :	23~25℃			
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1649.92	-61.58	-13	-48.58	-58.93	-66.57	0.66	7.80	H	Pass
2474.88	-57.30	-13	-44.30	-57.48	-63.70	0.85	9.40	H	Pass
3299.84	-60.03	-13	-47.03	-59.84	-66.10	0.98	9.20	H	Pass

Band :	LTE Band 5 for CH20407	Temperature :	23~25°C						
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1649.92	-63.11	-13	-50.11	-59.59	-68.10	0.66	7.80	V	Pass
2474.88	-61.87	-13	-48.87	-62.55	-68.27	0.85	9.40	V	Pass
3299.84	-59.96	-13	-46.96	-60.82	-66.03	0.98	9.20	V	Pass



Band :	LTE Band 5 for CH20525					Temperature :	23~25℃		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Sam Li					Polarization :	Horizontal		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1671.92	-60.60	-13	-47.60	-57.95	-65.59	0.66	7.80	H	Pass
2507.88	-59.12	-13	-46.12	-59.30	-65.52	0.85	9.40	H	Pass
3343.84	-58.88	-13	-45.88	-58.69	-64.95	0.98	9.20	H	Pass

Band :	LTE Band 5 for CH20525					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Sam Li					Polarization :	Vertical		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1671.92	-64.34	-13	-51.34	-60.82	-69.33	0.66	7.80	V	Pass
2507.88	-59.26	-13	-46.26	-59.94	-65.66	0.85	9.40	V	Pass
3343.84	-59.31	-13	-46.31	-60.17	-65.38	0.98	9.20	V	Pass



Band :	LTE Band 5 for CH20643				Temperature :	23~25℃			
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1695.52	-59.71	-13	-46.71	-57.06	-64.70	0.66	7.80	H	Pass
2543.28	-59.25	-13	-46.25	-59.43	-65.65	0.85	9.40	H	Pass
3391.04	-64.38	-13	-51.38	-64.19	-70.45	0.98	9.20	H	Pass

Band :	LTE Band 5 for CH20643	Temperature :	23~25°C						
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1695.52	-61.54	-13	-48.54	-58.02	-66.53	0.66	7.80	V	Pass
2543.28	-54.73	-13	-41.73	-55.41	-61.13	0.85	9.40	V	Pass
3391.04	-63.38	-13	-50.38	-64.24	-69.45	0.98	9.20	V	Pass



Band :	LTE Band 5 for CH20415				Temperature :	23~25°C			
Test Mode :	3MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over Limit	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1648.48	-62.11	-13	-49.11	-59.46	-67.10	0.66	7.80	H	Pass
2472.72	-60.26	-13	-47.26	-60.44	-66.66	0.85	9.40	H	Pass
3296.96	-59.21	-13	-46.21	-59.02	-65.28	0.98	9.20	H	Pass

Band :	LTE Band 5 for CH20415					Temperature :	23~25°C		
Test Mode :	3MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Sam Li					Polarization :	Vertical		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1648.48	-63.22	-13	-50.22	-59.70	-68.21	0.66	7.80	V	Pass
2472.72	-60.54	-13	-47.54	-61.22	-66.94	0.85	9.40	V	Pass
3296.96	-59.36	-13	-46.36	-60.22	-65.43	0.98	9.20	V	Pass



Band :	LTE Band 5 for CH20525	Temperature :	23~25℃						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1670.48	-62.77	-13	-49.77	-60.12	-67.76	0.66	7.80	H	Pass
2505.72	-61.09	-13	-48.09	-61.27	-67.49	0.85	9.40	H	Pass
3340.96	-60.06	-13	-47.06	-59.87	-66.13	0.98	9.20	H	Pass

Band :	LTE Band 5 for CH20525	Temperature :	23~25°C						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1670.48	-63.15	-13	-50.15	-59.63	-68.14	0.66	7.80	V	Pass
2505.72	-57.38	-13	-44.38	-58.06	-63.78	0.85	9.40	V	Pass
3340.96	-59.27	-13	-46.27	-60.13	-65.34	0.98	9.20	V	Pass



Band :	LTE Band 5 for CH20635				Temperature :	23~25°C			
Test Mode :	3MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1692.48	-62.20	-13	-49.20	-59.55	-67.19	0.66	7.80	H	Pass
2538.72	-55.55	-13	-42.55	-55.73	-61.95	0.85	9.40	H	Pass
3384.96	-59.67	-13	-46.67	-59.48	-65.74	0.98	9.20	H	Pass

Band :	LTE Band 5 for CH20635	Temperature :	23~25°C						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1692.48	-61.82	-13	-48.82	-58.30	-66.81	0.66	7.80	V	Pass
2538.72	-59.46	-13	-46.46	-60.14	-65.86	0.85	9.40	V	Pass
3384.96	-60.40	-13	-47.40	-61.26	-66.47	0.98	9.20	V	Pass



Band :	LTE Band 5 for CH20425	Temperature :	23~25℃						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1648.68	-61.46	-13	-48.46	-58.81	-66.45	0.66	7.80	H	Pass
2473.02	-61.32	-13	-48.32	-61.50	-67.72	0.85	9.40	H	Pass
3297.36	-58.84	-13	-45.84	-58.65	-64.91	0.98	9.20	H	Pass

Band :	LTE Band 5 for CH20425				Temperature :	23~25°C			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1648.68	-61.86	-13	-48.86	-58.34	-66.85	0.66	7.80	V	Pass
2473.02	-60.33	-13	-47.33	-61.01	-66.73	0.85	9.40	V	Pass
3297.36	-60.14	-13	-47.14	-61.00	-66.21	0.98	9.20	V	Pass



Band :	LTE Band 5 for CH20525	Temperature :	23~25℃						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1668.68	-62.01	-13	-49.01	-59.36	-67.00	0.66	7.80	H	Pass
2503.02	-60.87	-13	-47.87	-61.05	-67.27	0.85	9.40	H	Pass
3337.36	-61.06	-13	-48.06	-60.87	-67.13	0.98	9.20	H	Pass

Band :	LTE Band 5 for CH20525				Temperature :	23~25°C			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1668.68	-62.25	-13	-49.25	-58.73	-67.24	0.66	7.80	V	Pass
2503.02	-55.51	-13	-42.51	-56.19	-61.91	0.85	9.40	V	Pass
3337.36	-60.35	-13	-47.35	-61.21	-66.42	0.98	9.20	V	Pass



Band :	LTE Band 5 for CH20625				Temperature :	23~25℃			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1688.68	-61.47	-13	-48.47	-58.82	-66.46	0.66	7.80	H	Pass
2533.02	-61.62	-13	-48.62	-61.80	-68.02	0.85	9.40	H	Pass
3377.36	-59.43	-13	-46.43	-59.24	-65.50	0.98	9.20	H	Pass

Band :	LTE Band 5 for CH20625				Temperature :	23~25°C			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1688.68	-61.88	-13	-48.88	-58.36	-66.87	0.66	7.80	V	Pass
2533.02	-60.97	-13	-47.97	-61.65	-67.37	0.85	9.40	V	Pass
3377.36	-60.44	-13	-47.44	-61.30	-66.51	0.98	9.20	V	Pass



Band :	LTE Band 5 for CH20450					Temperature :	23~25℃		
Test Mode :	10MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Sam Li					Polarization :	Horizontal		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain	(H/V)	
			(dB)	(dBm)	(dBm)	(dB)	(dBi)		
1649.18	-62.39	-13	-49.39	-59.74	-67.38	0.66	7.80	H	Pass
2473.77	-60.88	-13	-47.88	-61.06	-67.28	0.85	9.40	H	Pass
3298.36	-58.99	-13	-45.99	-58.80	-65.06	0.98	9.20	H	Pass

Band :	LTE Band 5 for CH20450					Temperature :	23~25°C		
Test Mode :	10MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Sam Li					Polarization :	Vertical		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1649.18	-62.43	-13	-49.43	-58.91	-67.42	0.66	7.80	V	Pass
2473.77	-59.62	-13	-46.62	-60.30	-66.02	0.85	9.40	V	Pass
3298.36	-60.17	-13	-47.17	-61.03	-66.24	0.98	9.20	V	Pass



Band :	LTE Band 5 for CH20525				Temperature :	23~25℃			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1664.18	-61.43	-13	-48.43	-58.78	-66.42	0.66	7.80	H	Pass
2496.27	-61.37	-13	-48.37	-61.55	-67.77	0.85	9.40	H	Pass
3328.36	-64.21	-13	-51.21	-64.02	-70.28	0.98	9.20	H	Pass

Band :	LTE Band 5 for CH20525				Temperature :	23~25°C			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	(dBm)	loss (dB)	Gain (dBi)	(H/V)	
1664.18	-62.94	-13	-49.94	-59.42	-67.93	0.66	7.80	V	Pass
2496.27	-59.29	-13	-46.29	-59.97	-65.69	0.85	9.40	V	Pass
3328.36	-63.29	-13	-50.29	-64.15	-69.36	0.98	9.20	V	Pass



Band :	LTE Band 5 for CH20600				Temperature :	23~25℃			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1679.18	-62.58	-13	-49.58	-59.93	-67.57	0.66	7.80	H	Pass
2518.77	-60.72	-13	-47.72	-60.90	-67.12	0.85	9.40	H	Pass
3358.36	-62.15	-13	-49.15	-61.96	-68.22	0.98	9.20	H	Pass

Band :	LTE Band 5 for CH20600				Temperature :	23~25°C			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1679.18	-62.40	-13	-49.40	-58.88	-67.39	0.66	7.80	V	Pass
2518.77	-59.27	-13	-46.27	-59.95	-65.67	0.85	9.40	V	Pass
3358.36	-60.61	-13	-47.61	-61.47	-66.68	0.98	9.20	V	Pass



Band :	LTE Band 7 for CH20775	Temperature :	23~25℃						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
			(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
5000.68	-58.30	-25	-33.30	-63.29	-67.60	1.2	10.50	H	Pass
7501.02	-55.32	-25	-30.32	-65.43	-62.86	1.56	9.10	H	Pass
10001.36	-52.09	-25	-27.09	-68.72	-61.01	1.78	10.70	H	Pass

Band :	LTE Band 7 for CH20775	Temperature :	23~25°C						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain	(H/V)	
(dB)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)		
5000.68	-58.93	-25	-33.93	-65.52	-68.23	1.2	10.50	V	Pass
7501.02	-55.04	-25	-30.04	-65.61	-62.58	1.56	9.10	V	Pass
10001.36	-52.54	-25	-27.54	-68.69	-61.46	1.78	10.70	V	Pass



Band :	LTE Band 7 for CH21100	Temperature :	23~25℃						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5065.68	-58.80	-25	-33.80	-63.79	-68.10	1.2	10.50	H	Pass
7598.52	-55.19	-25	-30.19	-65.30	-62.73	1.56	9.10	H	Pass
10131.36	-52.32	-25	-27.32	-68.95	-61.24	1.78	10.70	H	Pass

Band :	LTE Band 7 for CH21100	Temperature :	23~25°C						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain	(H/V)	
(dB)			(dB)	(dBm)	(dBm)	(dB)	(dBi)		
5065.68	-58.69	-25	-33.69	-65.28	-67.99	1.2	10.50	V	Pass
7598.52	-54.33	-25	-29.33	-64.9	-61.87	1.56	9.10	V	Pass
10131.36	-52.61	-25	-27.61	-68.76	-61.53	1.78	10.70	V	Pass



Band :	LTE Band 7 for CH21425	Temperature :	23~25°C						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over Limit	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
5130.68	-59.23	-25	-34.23	-64.22	-68.53	1.2	10.50	H	Pass
7696.02	-54.70	-25	-29.70	-64.81	-62.24	1.56	9.10	H	Pass
10261.36	-52.36	-25	-27.36	-68.99	-61.28	1.78	10.70	H	Pass

Band :	LTE Band 7 for CH21425	Temperature :	23~25°C						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
5130.68	-57.53	-25	-32.53	-64.12	-66.83	1.2	10.50	V	Pass
7696.02	-54.41	-25	-29.41	-64.98	-61.95	1.56	9.10	V	Pass
10261.36	-53.11	-25	-28.11	-69.26	-62.03	1.78	10.70	V	Pass



Band :	LTE Band 7 for CH20800	Temperature :	23~25℃						
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5001.18	-58.11	-25	-33.11	-63.10	-67.41	1.2	10.50	H	Pass
7501.77	-55.42	-25	-30.42	-65.53	-62.96	1.56	9.10	H	Pass
10002.36	-52.14	-25	-27.14	-68.77	-61.06	1.78	10.70	H	Pass

Band :	LTE Band 7 for CH20800	Temperature :	23~25°C						
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
5001.18	-59.12	-25	-34.12	-65.71	-68.42	1.2	10.50	V	Pass
7501.77	-54.41	-25	-29.41	-64.98	-61.95	1.56	9.10	V	Pass
10002.36	-52.79	-25	-27.79	-68.94	-61.71	1.78	10.70	V	Pass



Band :	LTE Band 7 for CH21100				Temperature :	23~25℃			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
5061.18	-59.29	-25	-34.29	-64.28	-68.59	1.2	10.50	H	Pass
7591.77	-55.19	-25	-30.19	-65.30	-62.73	1.56	9.10	H	Pass
10122.36	-52.01	-25	-27.01	-68.64	-60.93	1.78	10.70	H	Pass

Band :	LTE Band 7 for CH21100	Temperature :	23~25°C						
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain	(H/V)	
(dB)			(dB)	(dBm)	(dBm)	(dB)	(dBi)		
5061.18	-57.69	-25	-32.69	-64.28	-66.99	1.2	10.50	V	Pass
7591.77	-54.73	-25	-29.73	-65.3	-62.27	1.56	9.10	V	Pass
10122.36	-52.49	-25	-27.49	-68.64	-61.41	1.78	10.70	V	Pass



Band :	LTE Band 7 for CH21400				Temperature :	23~25℃			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
			(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
5121.18	-60.14	-25	-35.14	-65.13	-69.44	1.2	10.50	H	Pass
7681.77	-55.24	-25	-30.24	-65.35	-62.78	1.56	9.10	H	Pass
10242.36	-52.92	-25	-27.92	-69.55	-61.84	1.78	10.70	H	Pass

Band :	LTE Band 7 for CH21400	Temperature :	23~25°C						
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
5121.18	-58.39	-25	-33.39	-64.98	-67.69	1.2	10.50	V	Pass
7681.77	-54.80	-25	-29.80	-65.37	-62.34	1.56	9.10	V	Pass
10242.36	-52.17	-25	-27.17	-68.32	-61.09	1.78	10.70	V	Pass



Band :	LTE Band 7 for CH20825					Temperature :	23~25℃		
Test Mode :	15MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Sam Li					Polarization :	Horizontal		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
			(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
5001.68	-58.00	-25	-33.00	-62.99	-67.30	1.2	10.50	H	Pass
7502.52	-54.02	-25	-29.02	-64.13	-61.56	1.56	9.10	H	Pass
10003.36	-51.36	-25	-26.36	-67.99	-60.28	1.78	10.70	H	Pass

Band :	LTE Band 7 for CH20825	Temperature :	23~25°C						
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
5001.68	-58.48	-25	-33.48	-65.07	-67.78	1.2	10.50	V	Pass
7502.52	-54.56	-25	-29.56	-65.13	-62.10	1.56	9.10	V	Pass
10003.36	-51.37	-25	-26.37	-67.52	-60.29	1.78	10.70	V	Pass



Band :	LTE Band 7 for CH21100				Temperature :	23~25℃			
Test Mode :	15MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5056.68	-60.48	-25	-35.48	-65.47	-69.78	1.2	10.50	H	Pass
7585.02	-54.75	-25	-29.75	-64.86	-62.29	1.56	9.10	H	Pass
10131.36	-52.09	-25	-27.09	-68.72	-61.01	1.78	10.70	H	Pass

Band :	LTE Band 7 for CH21100	Temperature :	23~25°C						
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
5056.68	-59.00	-25	-34.00	-65.59	-68.30	1.2	10.50	V	Pass
7585.02	-54.76	-25	-29.76	-65.33	-62.30	1.56	9.10	V	Pass
10131.36	-53.04	-25	-28.04	-69.19	-61.96	1.78	10.70	V	Pass



Band :	LTE Band 7 for CH21375					Temperature :	23~25℃		
Test Mode :	15MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Sam Li					Polarization :	Horizontal		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
5111.68	-59.38	-25	-34.38	-64.37	-68.68	1.2	10.50	H	Pass
7667.52	-53.60	-25	-28.60	-63.71	-61.14	1.56	9.10	H	Pass
10223.36	-51.06	-25	-26.06	-67.69	-59.98	1.78	10.70	H	Pass

Band :	LTE Band 7 for CH21375	Temperature :	23~25°C						
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
5111.68	-58.38	-25	-33.38	-64.97	-67.68	1.2	10.50	V	Pass
7667.52	-53.21	-25	-28.21	-63.78	-60.75	1.56	9.10	V	Pass
10223.36	-52.73	-25	-27.73	-68.88	-61.65	1.78	10.70	V	Pass



Band :	LTE Band 7 for CH20850	Temperature :	23~25°C						
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over Limit	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
5002.18	-60.16	-25	-35.16	-65.15	-69.46	1.2	10.50	H	Pass
7503.27	-55.10	-25	-30.10	-65.21	-62.64	1.56	9.10	H	Pass
10004.36	-51.87	-25	-26.87	-68.50	-60.79	1.78	10.70	H	Pass

Band :	LTE Band 7 for CH20850	Temperature :	23~25°C						
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
5002.18	-58.80	-25	-33.80	-65.39	-68.10	1.2	10.50	V	Pass
7503.27	-55.30	-25	-30.30	-65.87	-62.84	1.56	9.10	V	Pass
10004.36	-52.22	-25	-27.22	-68.37	-61.14	1.78	10.70	V	Pass



Band :	LTE Band 7 for CH21100				Temperature :	23~25℃			
Test Mode :	20MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
5052.18	-60.37	-25	-35.37	-65.36	-69.67	1.2	10.50	H	Pass
7578.27	-55.46	-25	-30.46	-65.57	-63.00	1.56	9.10	H	Pass
10104.36	-51.52	-25	-26.52	-68.15	-60.44	1.78	10.70	H	Pass

Band :	LTE Band 7 for CH21100				Temperature :	23~25°C			
Test Mode :	20MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
5052.18	-59.16	-25	-34.16	-65.75	-68.46	1.2	10.50	V	Pass
7578.27	-54.82	-25	-29.82	-65.39	-62.36	1.56	9.10	V	Pass
10104.36	-52.61	-25	-27.61	-68.76	-61.53	1.78	10.70	V	Pass



Band :	LTE Band 7 for CH21350	Temperature :	23~25℃						
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
			(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
5102.18	-58.71	-25	-33.71	-63.70	-68.01	1.2	10.50	H	Pass
7653.27	-55.16	-25	-30.16	-65.27	-62.70	1.56	9.10	H	Pass
10204.36	-52.22	-25	-27.22	-68.85	-61.14	1.78	10.70	H	Pass

Band :	LTE Band 7 for CH21350				Temperature :	23~25°C			
Test Mode :	20MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
5102.18	-59.34	-25	-34.34	-65.93	-68.64	1.2	10.50	V	Pass
7653.27	-53.98	-25	-28.98	-64.55	-61.52	1.56	9.10	V	Pass
10204.36	-52.49	-25	-27.49	-68.64	-61.41	1.78	10.70	V	Pass



Band :	LTE Band 12 for CH23017					Temperature :	23~25℃		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Sam Li					Polarization :	Horizontal		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1396	-61.49	-13	-48.49	-57.79	-66.25	0.89	7.80	H	Pass
2098	-52.53	-13	-39.53	-54.86	-58.69	1.09	9.40	H	Pass
2797	-62.57	-13	-49.57	-64.59	-68.45	1.17	9.20	H	Pass

Band :	LTE Band 12 for CH23017	Temperature :	23~25°C						
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1396	-59.54	-13	-46.54	-55.51	-64.30	0.89	7.80	V	Pass
2098	-57.56	-13	-44.56	-59.63	-63.72	1.09	9.40	V	Pass
2797	-63.20	-13	-50.20	-64.23	-69.08	1.17	9.20	V	Pass



Band :	LTE Band 12 for CH23095					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Sam Li					Polarization :	Horizontal		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over Limit	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1414	-62.65	-13	-49.65	-58.85	-67.41	0.89	7.80	H	Pass
2122	-55.71	-13	-42.71	-58.14	-61.87	1.09	9.40	H	Pass
2827	-62.31	-13	-49.31	-64.43	-68.19	1.17	9.20	H	Pass

Band :	LTE Band 12 for CH23095					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Sam Li					Polarization :	Vertical		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1414	-61.95	-13	-48.95	-57.82	-66.71	0.89	7.80	V	Pass
2122	-57.27	-13	-44.27	-59.44	-63.43	1.09	9.40	V	Pass
2827	-63.16	-13	-50.16	-64.29	-69.04	1.17	9.20	V	Pass



Band :	LTE Band 12 for CH23173				Temperature :	23~25℃			
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1429	-54.50	-13	-41.50	-53.94	-59.26	0.89	7.80	H	Pass
2143	-54.26	-13	-41.26	-56.59	-60.42	1.09	9.40	H	Pass
2857	-61.66	-13	-48.66	-63.68	-67.54	1.17	9.20	H	Pass

Band :	LTE Band 12 for CH23173					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Sam Li					Polarization :	Vertical		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1429	-50.47	-13	-37.47	-51.25	-55.23	0.89	7.80	V	Pass
2143	-57.18	-13	-44.18	-59.25	-63.34	1.09	9.40	V	Pass
2857	-63.18	-13	-50.18	-64.21	-69.06	1.17	9.20	V	Pass



Band :	LTE Band 12 for CH23025				Temperature :	23~25℃			
Test Mode :	3MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1402	-62.37	-13	-49.37	-58.69	-67.13	0.89	7.80	H	Pass
2101	-60.19	-13	-47.19	-62.52	-66.35	1.09	9.40	H	Pass
2797	-62.58	-13	-49.58	-64.60	-68.46	1.17	9.20	H	Pass

Band :	LTE Band 12 for CH23025	Temperature :	23~25°C						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1402	-60.46	-13	-47.46	-56.45	-65.22	0.89	7.80	V	Pass
2101	-60.79	-13	-47.79	-62.86	-66.95	1.09	9.40	V	Pass
2797	-63.40	-13	-50.40	-64.43	-69.28	1.17	9.20	V	Pass



Band :	LTE Band 12 for CH23095				Temperature :	23~25℃			
Test Mode :	3MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1411	-64.39	-13	-51.39	-60.71	-69.15	0.89	7.80	H	Pass
2119	-60.68	-13	-47.68	-63.01	-66.84	1.09	9.40	H	Pass
2824	-61.62	-13	-48.62	-63.64	-67.50	1.17	9.20	H	Pass

Band :	LTE Band 12 for CH23095	Temperature :	23~25°C						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1411	-62.91	-13	-49.91	-58.90	-67.67	0.89	7.80	V	Pass
2119	-61.32	-13	-48.32	-63.39	-67.48	1.09	9.40	V	Pass
2824	-62.82	-13	-49.82	-63.85	-68.70	1.17	9.20	V	Pass



Band :	LTE Band 12 for CH23165	Temperature :	23~25℃						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
			(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1426	-61.39	-13	-48.39	-57.71	-66.15	0.89	7.80	H	Pass
2143	-58.95	-13	-45.95	-61.28	-65.11	1.09	9.40	H	Pass
2851	-61.80	-13	-48.80	-63.82	-67.68	1.17	9.20	H	Pass

Band :	LTE Band 12 for CH23165	Temperature :	23~25°C						
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1426	-56.23	-13	-43.23	-54.43	-60.99	0.89	7.80	V	Pass
2143	-59.98	-13	-46.98	-62.05	-66.14	1.09	9.40	V	Pass
2851	-63.45	-13	-50.45	-64.48	-69.33	1.17	9.20	V	Pass



Band :	LTE Band 12 for CH23035	Temperature :	23~25℃						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain	(H/V)	
(dB)	(dBm)	(dB)	(dBm)	(dBm)	(dBm)	(dB)	(dBi)		
1399	-62.30	-13	-49.30	-58.62	-67.06	0.89	7.80	H	Pass
2101	-61.66	-13	-48.66	-63.99	-67.82	1.09	9.40	H	Pass
2797	-61.33	-13	-48.33	-63.35	-67.21	1.17	9.20	H	Pass

Band :	LTE Band 12 for CH23035				Temperature :	23~25°C			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1399	-60.63	-13	-47.63	-56.62	-65.39	0.89	7.80	V	Pass
2101	-61.88	-13	-48.88	-63.95	-68.04	1.09	9.40	V	Pass
2797	-62.80	-13	-49.80	-63.83	-68.68	1.17	9.20	V	Pass



Band :	LTE Band 12 for CH23095	Temperature :	23~25℃						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
			(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1411	-62.12	-13	-49.12	-58.44	-66.88	0.89	7.80	H	Pass
2116	-53.34	-13	-40.34	-55.67	-59.50	1.09	9.40	H	Pass
2809	-61.73	-13	-48.73	-63.75	-67.61	1.17	9.20	H	Pass

Band :	LTE Band 12 for CH23095	Temperature :	23~25°C						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1411	-60.26	-13	-47.26	-56.25	-65.02	0.89	7.80	V	Pass
2116	-54.74	-13	-41.74	-56.81	-60.90	1.09	9.40	V	Pass
2809	-63.33	-13	-50.33	-64.36	-69.21	1.17	9.20	V	Pass



Band :	LTE Band 12 for CH23155	Temperature :	23~25℃						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1423	-60.64	-13	-47.64	-56.96	-65.40	0.89	7.80	H	Pass
2134	-54.56	-13	-41.56	-56.89	-60.72	1.09	9.40	H	Pass
2845	-61.87	-13	-48.87	-63.89	-67.75	1.17	9.20	H	Pass

Band :	LTE Band 12 for CH23155	Temperature :	23~25°C						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1423	-55.78	-13	-42.78	-54.18	-60.54	0.89	7.80	V	Pass
2134	-56.07	-13	-43.07	-58.14	-62.23	1.09	9.40	V	Pass
2845	-63.60	-13	-50.60	-64.63	-69.48	1.17	9.20	V	Pass



Band :	LTE Band 12 for CH23060				Temperature :	23~25℃			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1399	-63.12	-13	-50.12	-59.44	-67.88	0.89	7.80	H	Pass
2098	-60.73	-13	-47.73	-63.06	-66.89	1.09	9.40	H	Pass
2797	-62.91	-13	-49.91	-64.93	-68.79	1.17	9.20	H	Pass

Band :	LTE Band 12 for CH23060				Temperature :	23~25°C			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1399	-61.09	-13	-48.09	-57.08	-65.85	0.89	7.80	V	Pass
2098	-61.83	-13	-48.83	-63.90	-67.99	1.09	9.40	V	Pass
2797	-63.00	-13	-50.00	-64.03	-68.88	1.17	9.20	V	Pass



Band :	LTE Band 12 for CH23095				Temperature :	23~25℃			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1405	-60.99	-13	-47.99	-57.31	-65.75	0.89	7.80	H	Pass
2110	-55.76	-13	-42.76	-58.09	-61.92	1.09	9.40	H	Pass
2809	-62.30	-13	-49.30	-64.32	-68.18	1.17	9.20	H	Pass

Band :	LTE Band 12 for CH23095	Temperature :	23~25°C						
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1405	-58.48	-13	-45.48	-54.47	-63.24	0.89	7.80	V	Pass
2110	-54.66	-13	-41.66	-56.73	-60.82	1.09	9.40	V	Pass
2809	-62.83	-13	-49.83	-63.86	-68.71	1.17	9.20	V	Pass



Band :	LTE Band 12 for CH23130				Temperature :	23~25℃			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1411	-63.10	-13	-50.10	-59.42	-67.86	0.89	7.80	H	Pass
2119	-54.68	-13	-41.68	-57.01	-60.84	1.09	9.40	H	Pass
2824	-61.66	-13	-48.66	-63.68	-67.54	1.17	9.20	H	Pass

Band :	LTE Band 12 for CH23130				Temperature :	23~25°C			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1411	-62.16	-13	-49.16	-58.15	-66.92	0.89	7.80	V	Pass
2119	-55.85	-13	-42.85	-57.92	-62.01	1.09	9.40	V	Pass
2824	-63.10	-13	-50.10	-64.13	-68.98	1.17	9.20	V	Pass



Band :	LTE Band 17 for CH23755				Temperature :	23~25°C			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over Limit	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1408	-62.96	-13	-49.96	-60.31	-67.95	0.66	7.80	H	Pass
2113	-61.84	-13	-48.84	-62.02	-68.24	0.85	9.40	H	Pass
2818	-64.54	-13	-51.54	-64.35	-70.61	0.98	9.20	H	Pass

Band :	LTE Band 17 for CH23755					Temperature :	23~25°C		
Test Mode :	5MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Sam Li					Polarization :	Vertical		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1408	-63.75	-13	-50.75	-60.23	-68.74	0.66	7.80	V	Pass
2113	-61.90	-13	-48.90	-62.58	-68.30	0.85	9.40	V	Pass
2818	-63.49	-13	-50.49	-64.35	-69.56	0.98	9.20	V	Pass



Band :	LTE Band 17 for CH23790	Temperature :	23~25℃						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain	(H/V)	
(dB)	(dBm)	(dB)	(dBm)	(dBm)	(dBm)	(dB)	(dBi)		
1414	-63.01	-13	-50.01	-60.36	-68.00	0.66	7.80	H	Pass
2122.5	-62.32	-13	-49.32	-62.50	-68.72	0.85	9.40	H	Pass
2830	-64.36	-13	-51.36	-64.17	-70.43	0.98	9.20	H	Pass

Band :	LTE Band 17 for CH23790				Temperature :	23~25°C			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1414	-64.16	-13	-51.16	-60.64	-69.15	0.66	7.80	V	Pass
2122.5	-61.46	-13	-48.46	-62.14	-67.86	0.85	9.40	V	Pass
2830	-62.88	-13	-49.88	-63.74	-68.95	0.98	9.20	V	Pass



Band :	LTE Band 17 for CH23825	Temperature :	23~25℃						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Horizontal						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1423	-62.19	-13	-49.19	-59.54	-67.18	0.66	7.80	H	Pass
2134	-60.83	-13	-47.83	-61.01	-67.23	0.85	9.40	H	Pass
2845	-63.74	-13	-50.74	-63.55	-69.81	0.98	9.20	H	Pass

Band :	LTE Band 17 for CH23825	Temperature :	23~25°C						
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	48~52%						
Test Engineer :	Sam Li	Polarization :	Vertical						
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1423	-63.33	-13	-50.33	-59.81	-68.32	0.66	7.80	V	Pass
2134	-61.67	-13	-48.67	-62.35	-68.07	0.85	9.40	V	Pass
2845	-61.99	-13	-48.99	-62.85	-68.06	0.98	9.20	V	Pass



Band :	LTE Band 17 for CH23780				Temperature :	23~25℃			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1408	-63.58	-13	-50.58	-60.93	-68.57	0.66	7.80	H	Pass
2113	-60.81	-13	-47.81	-60.99	-67.21	0.85	9.40	H	Pass
2816	-64.53	-13	-51.53	-64.34	-70.60	0.98	9.20	H	Pass

Band :	LTE Band 17 for CH23780				Temperature :	23~25°C			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1408	-64.61	-13	-51.61	-61.09	-69.60	0.66	7.80	V	Pass
2113	-61.21	-13	-48.21	-61.89	-67.61	0.85	9.40	V	Pass
2816	-63.20	-13	-50.20	-64.06	-69.27	0.98	9.20	V	Pass



Band :	LTE Band 17 for CH23790					Temperature :	23~25℃		
Test Mode :	10MHz QPSK RB Size 1 Offset 0					Relative Humidity :	48~52%		
Test Engineer :	Sam Li					Polarization :	Horizontal		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1411	-63.48	-13	-50.48	-60.83	-68.47	0.66	7.80	H	Pass
2116	-62.85	-13	-49.85	-63.03	-69.25	0.85	9.40	H	Pass
2820	-64.24	-13	-51.24	-64.05	-70.31	0.98	9.20	H	Pass

Band :	LTE Band 17 for CH23790				Temperature :	23~25°C			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1411	-63.47	-13	-50.47	-59.95	-68.46	0.66	7.80	V	Pass
2116	-61.39	-13	-48.39	-62.07	-67.79	0.85	9.40	V	Pass
2820	-63.71	-13	-50.71	-64.57	-69.78	0.98	9.20	V	Pass



Band :	LTE Band 17 for CH23800				Temperature :	23~25℃			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Horizontal			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1411	-64.20	-13	-51.20	-61.55	-69.19	0.66	7.80	H	Pass
2119	-62.40	-13	-49.40	-62.58	-68.80	0.85	9.40	H	Pass
2824	-64.50	-13	-51.50	-64.31	-70.57	0.98	9.20	H	Pass

Band :	LTE Band 17 for CH23800				Temperature :	23~25°C			
Test Mode :	10MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1411	-62.83	-13	-49.83	-59.31	-67.82	0.66	7.80	V	Pass
2119	-61.29	-13	-48.29	-61.97	-67.69	0.85	9.40	V	Pass
2824	-63.17	-13	-50.17	-64.03	-69.24	0.98	9.20	V	Pass

Radiated Spurious Emission for Spot Check

Band :	LTE Band 7 for CH21375					Temperature :	21~22°C		
Test Mode :	15MHz QPSK RB Size 1 Offset 0					Relative Humidity :	41~42%		
Test Engineer :	Jack Wang					Polarization :	Horizontal		
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain	(H/V)	
5112	-47.44	-25	-22.44	-61.42	-53.22	3.49	9.27	H	5112
7668	-44.53	-25	-19.53	-61.07	-52.32	4.28	12.07	H	7668
10224	-42.46	-25	-17.46	-63.85	-49.76	5.1	12.40	H	10224

Band :	LTE Band 7 for CH21375				Temperature :	23~25°C			
Test Mode :	15MHz QPSK RB Size 1 Offset 0				Relative Humidity :	48~52%			
Test Engineer :	Sam Li				Polarization :	Vertical			
Remark :	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
5112	-47.74	-25	-22.74	-61.9	-53.52	3.49	9.27	V	5112
7667	-45.55	-25	-20.55	-62.57	-53.34	4.28	12.07	V	7667
10224	-43.37	-25	-18.37	-64.47	-50.67	5.1	12.40	V	10224