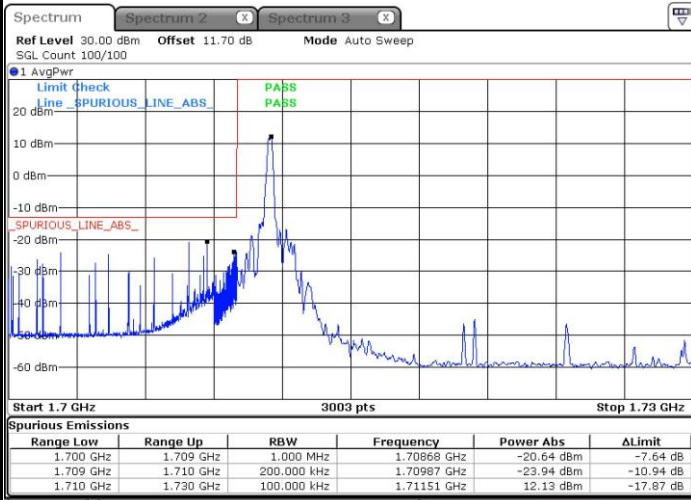




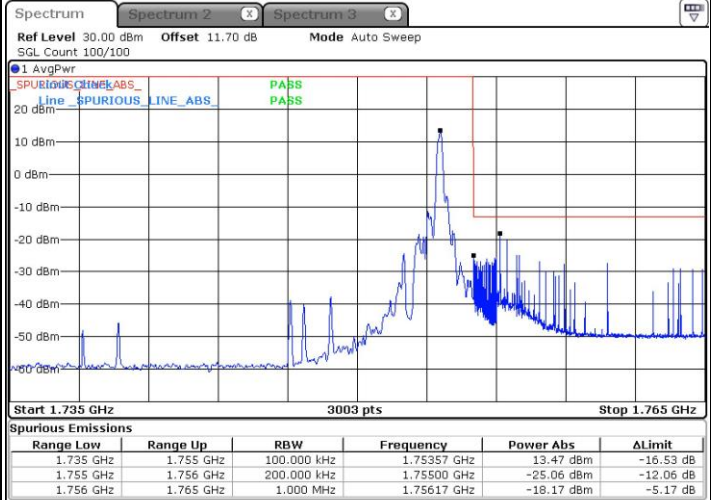
LTE M1 Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



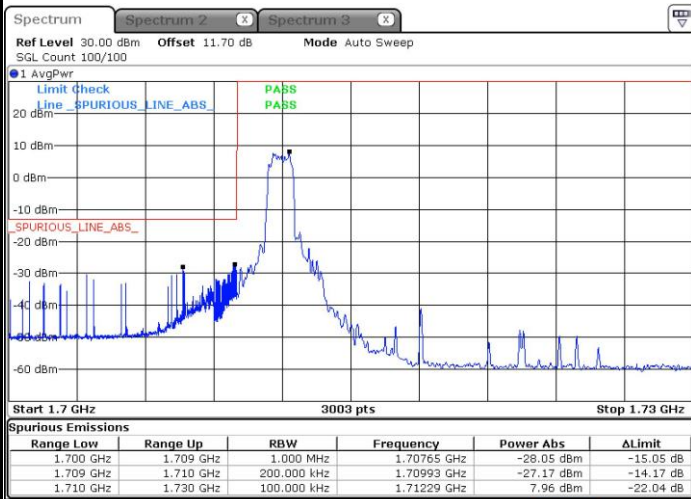
Date: 9 OCT.2018 05:33:38

Highest Band Edge / 1 RB



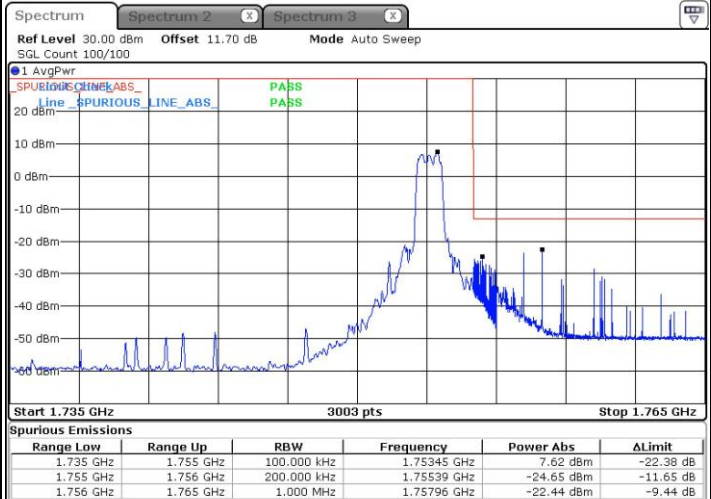
Date: 9 OCT.2018 05:48:13

Lowest Band Edge / Full RB



Date: 9 OCT.2018 05:32:25

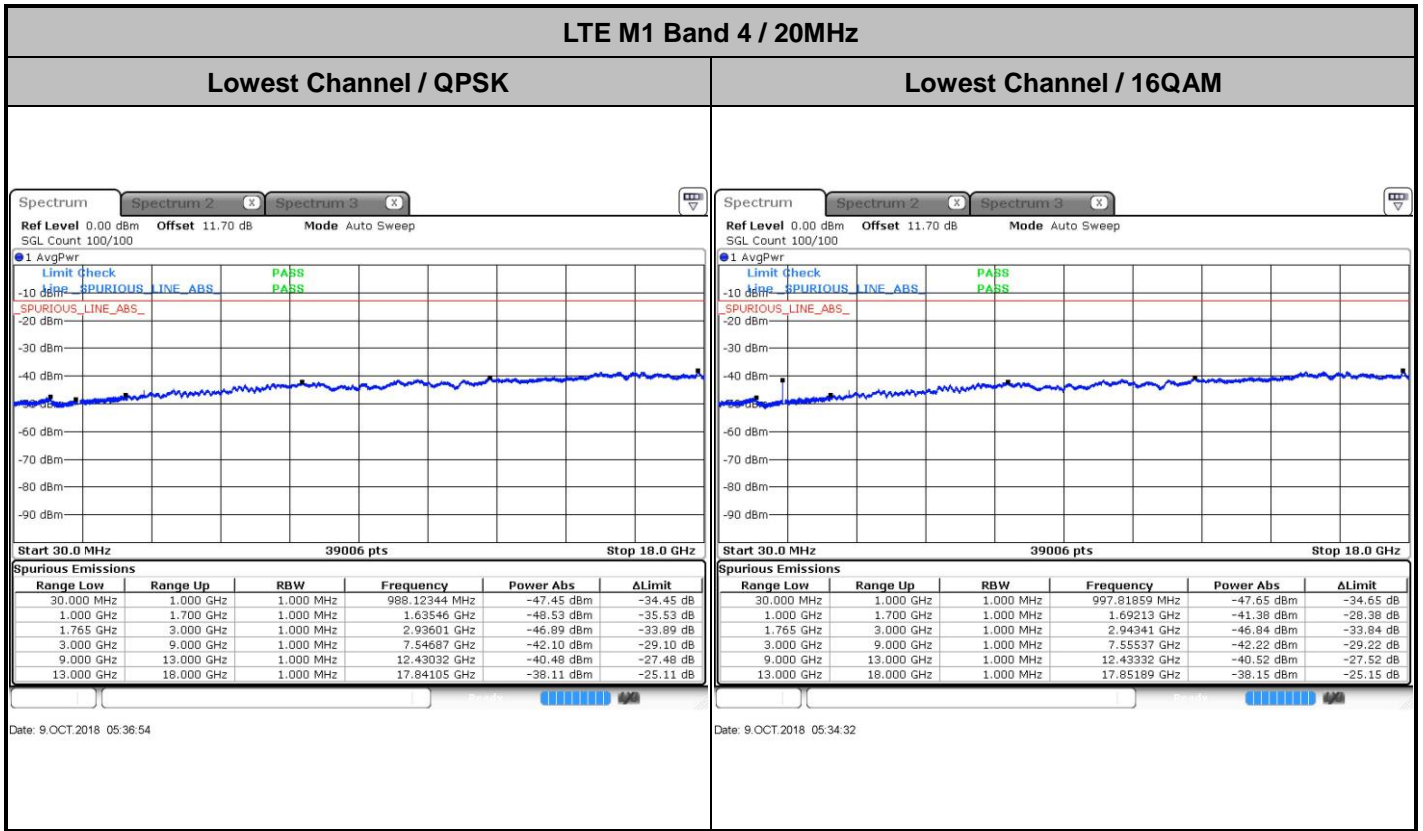
Highest Band Edge / Full RB



Date: 9 OCT.2018 05:50:34



# Conducted Spurious Emission

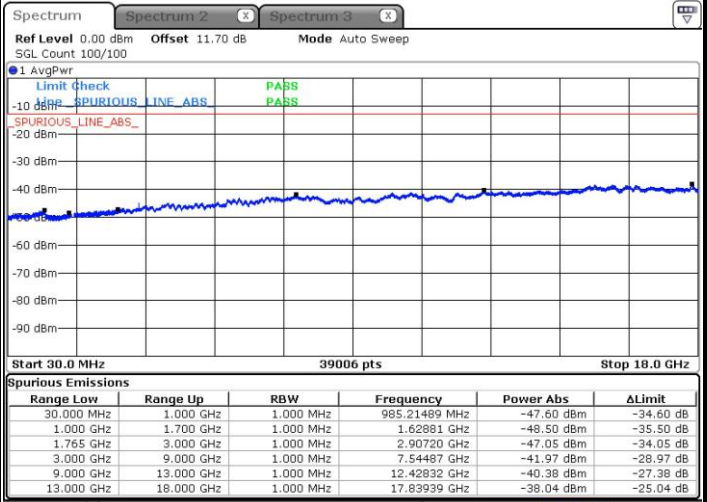
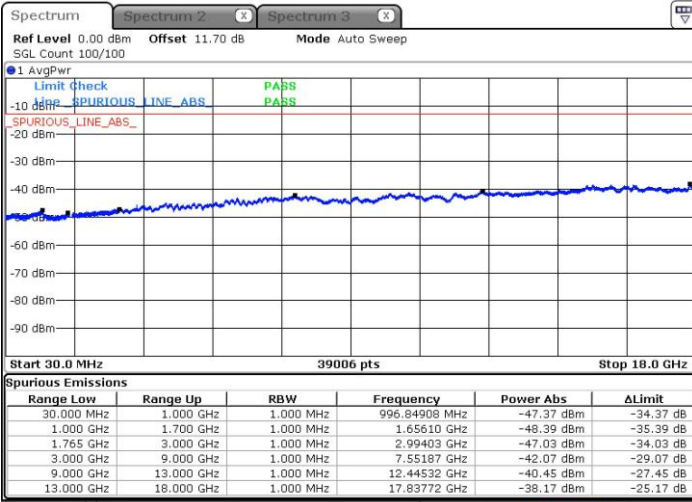




LTE M1 Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

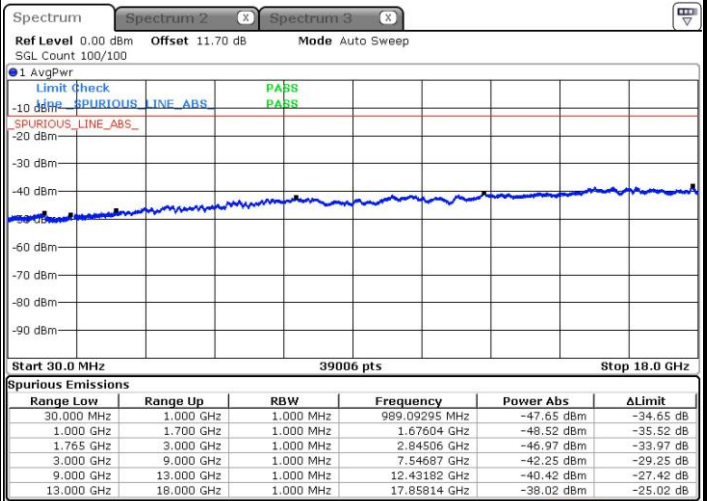
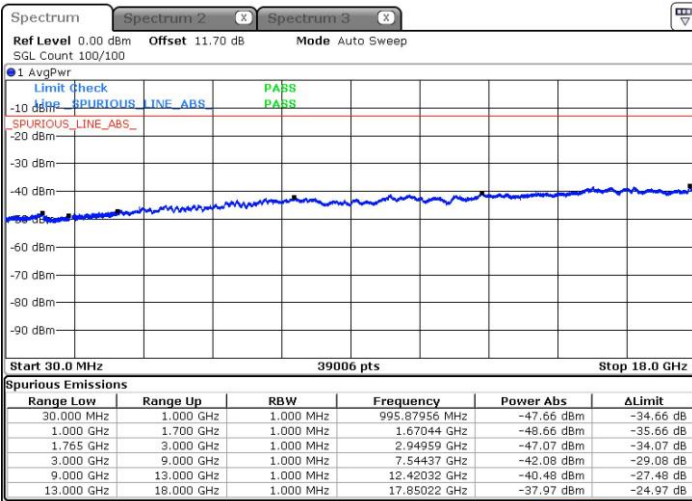


Date: 9.OCT.2018 05:44:52

Date: 9.OCT.2018 05:42:06

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9.OCT.2018 05:46:21

Date: 9.OCT.2018 05:47:43



Frequency Stability

Test Conditions		LTE M1 Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =12 V. ; Battery End Point (BEP) =8 V. ; Maximum Voltage =32 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE M1 Band 12

### Peak-to-Average Ratio

Mode	LTE M1 Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	7.33	5.59	8.55	8.32	<b>PASS</b>
Middle CH	8.38	8.46	8.46	8.52	
Highest CH	6.29	6.99	8.32	8.55	



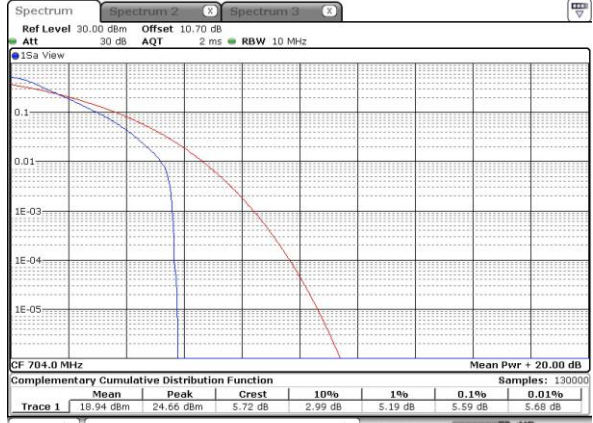
LTE M1 Band 12 / 10MHz / QPSK

Lowest Channel / 1RB



Date: 9.OCT.2018 06:06:39

Lowest Channel / Full RB



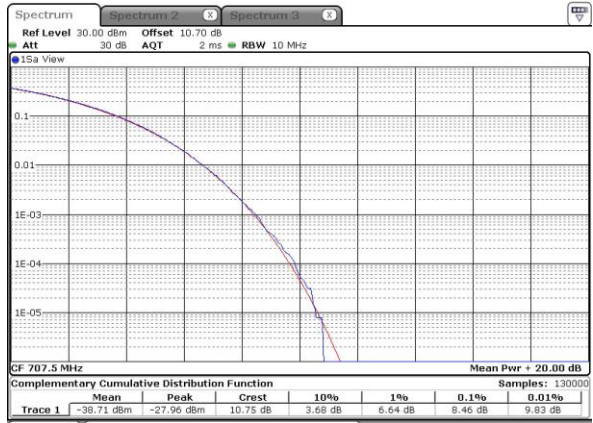
Date: 9.OCT.2018 05:56:10

Middle Channel / 1RB



Date: 9.OCT.2018 06:19:44

Middle Channel / Full RB



Date: 9.OCT.2018 06:15:22

Highest Channel / 1RB



Date: 9.OCT.2018 06:22:10

Highest Channel / Full RB

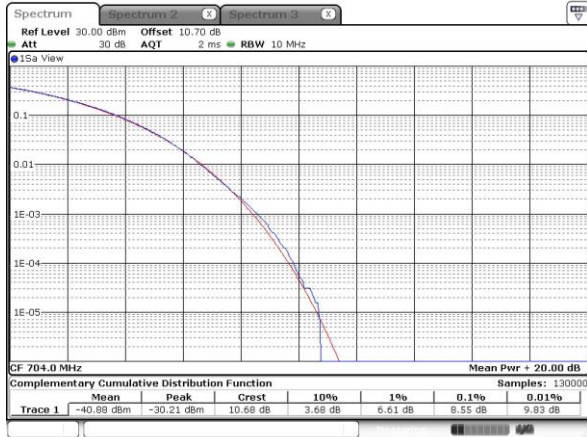


Date: 9.OCT.2018 06:28:22



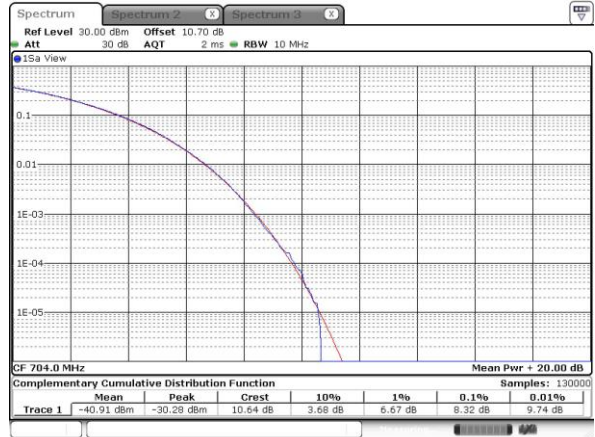
LTE M1 Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



Date: 9.OCT.2018 06:03:51

Lowest Channel / Full RB



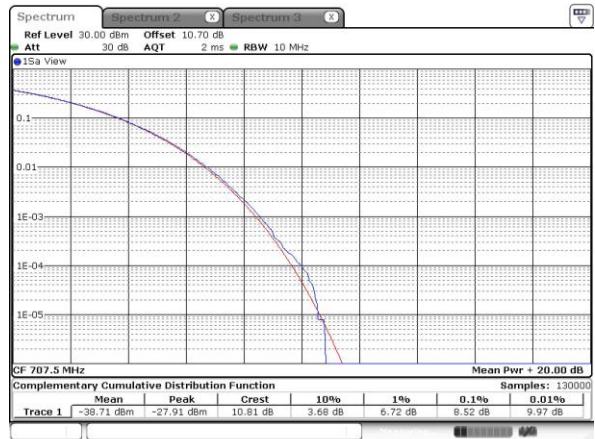
Date: 9.OCT.2018 06:00:56

Middle Channel / 1RB



Date: 9.OCT.2018 06:20:06

Middle Channel / Full RB



Date: 9.OCT.2018 06:16:37

Highest Channel / 1RB



Date: 9.OCT.2018 06:21:55

Highest Channel / Full RB



Date: 9.OCT.2018 06:25:43



**26dB Bandwidth**

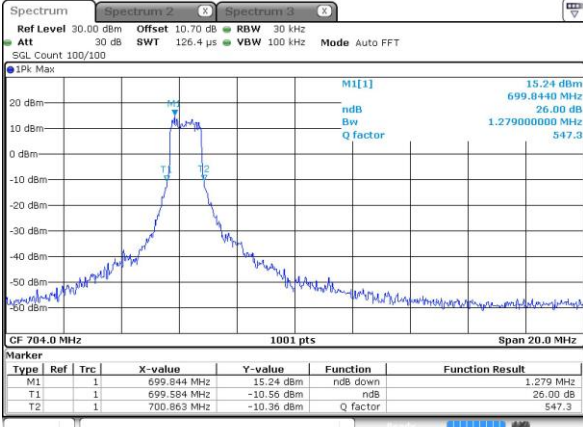
Mode	LTE M1 Band 12 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	1.28	1.52	-	-	-	-
Middle CH	-	-	-	-	-	-	1.44	1.48	-	-	-	-
Highest CH	-	-	-	-	-	-	1.36	1.40	-	-	-	-





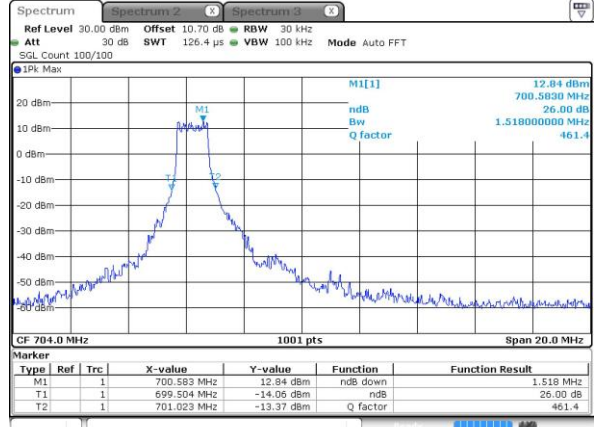
LTE M1 Band 12

Lowest Channel / 10MHz / QPSK



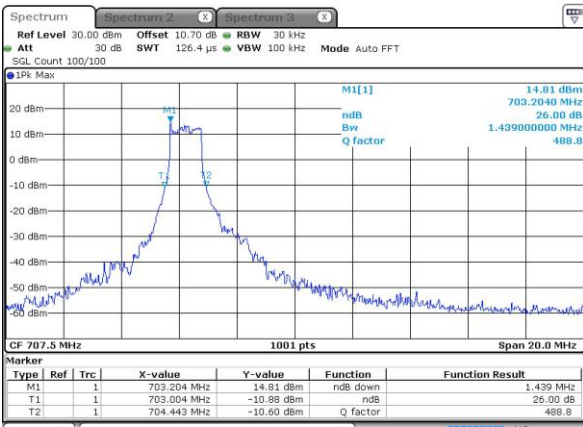
Date: 9.OCT.2018 05:59:26

Lowest Channel / 10MHz / 16QAM



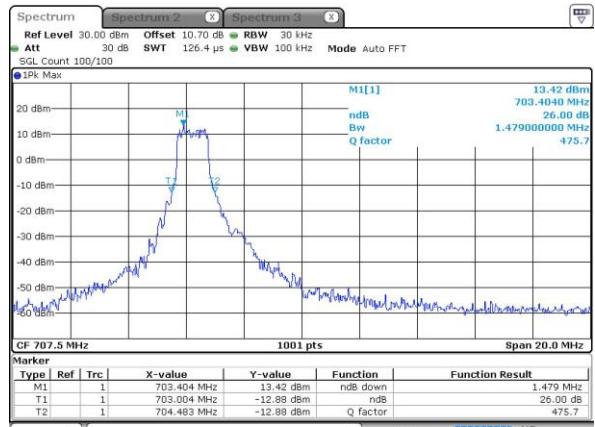
Date: 9.OCT.2018 06:01:33

Middle Channel / 10MHz / QPSK



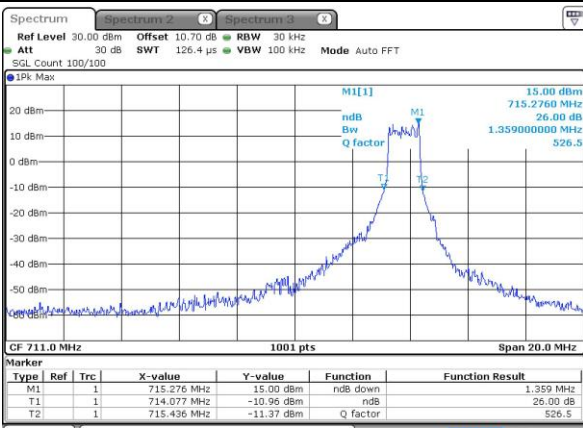
Date: 9.OCT.2018 06:15:59

Middle Channel / 10MHz / 16QAM



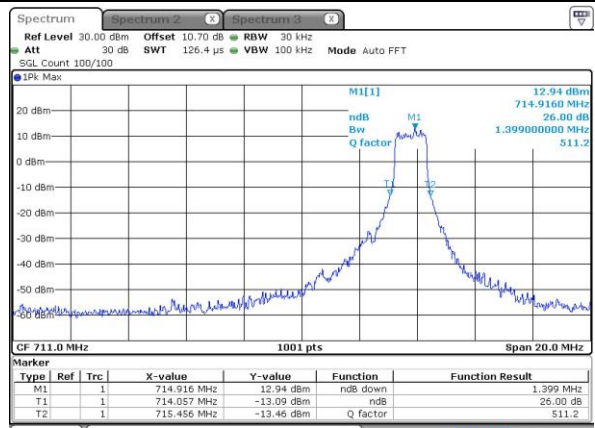
Date: 9.OCT.2018 06:17:11

Highest Channel / 10MHz / QPSK



Date: 9.OCT.2018 06:29:12

Highest Channel / 10MHz / 16QAM



Date: 9.OCT.2018 06:26:12



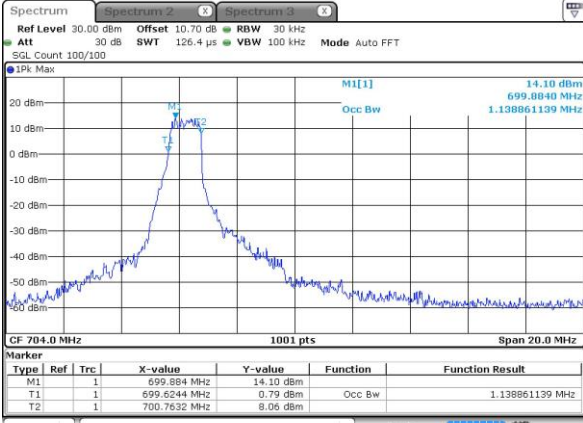
**Occupied Bandwidth**

Mode	LTE M1 Band 12 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	1.14	1.08	-	-	-	-
Middle CH	-	-	-	-	-	-	1.12	1.08	-	-	-	-
Highest CH	-	-	-	-	-	-	1.12	1.1	-	-	-	-



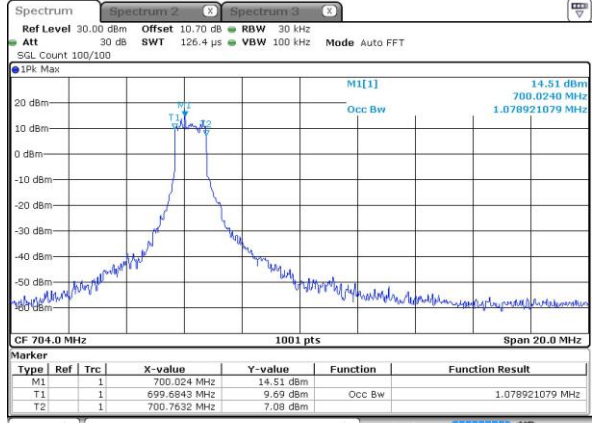
LTE M1 Band 12

Lowest Channel / 10MHz / QPSK



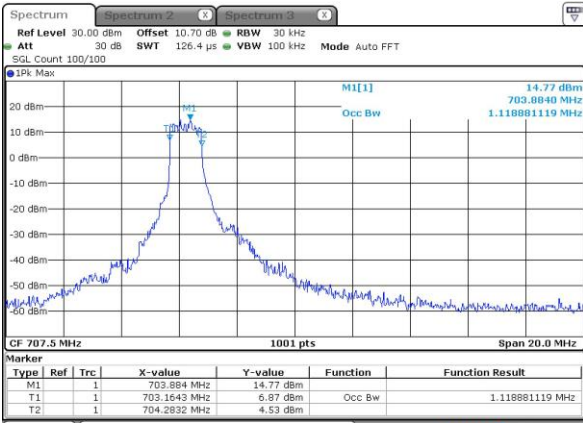
Date: 9.OCT.2018 05:59:04

Lowest Channel / 10MHz / 16QAM



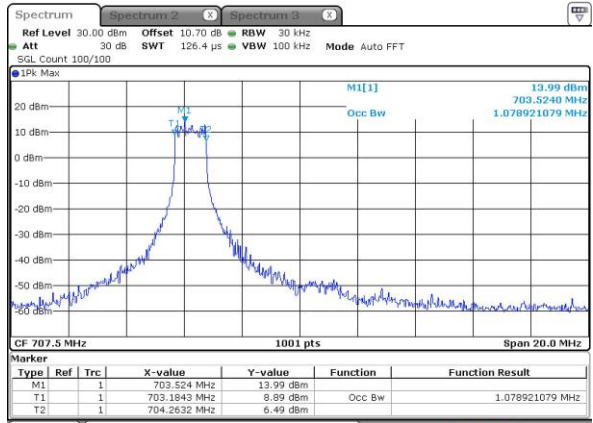
Date: 9.OCT.2018 06:01:10

Middle Channel / 10MHz / QPSK



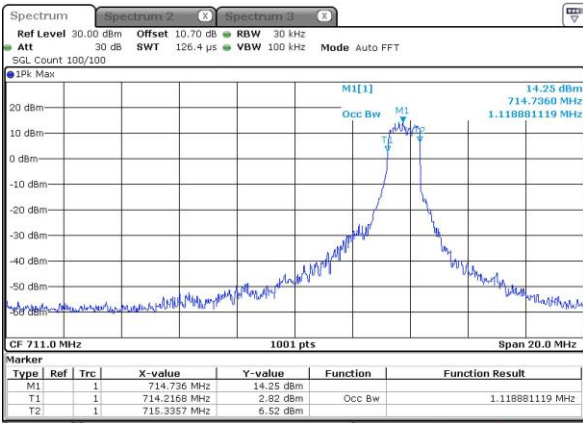
Date: 9.OCT.2018 06:15:43

Middle Channel / 10MHz / 16QAM



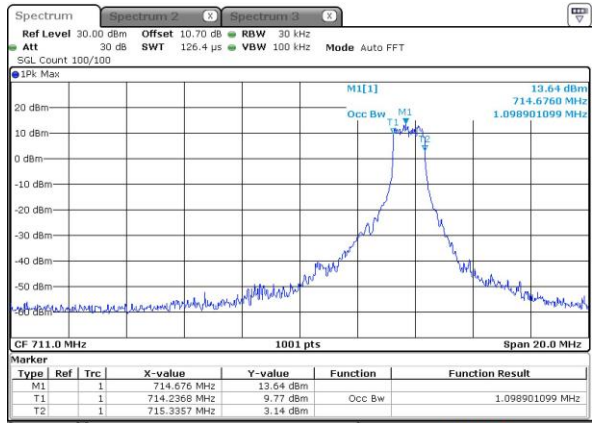
Date: 9.OCT.2018 06:16:58

Highest Channel / 10MHz / QPSK



Date: 9.OCT.2018 06:28:40

Highest Channel / 10MHz / 16QAM



Date: 9.OCT.2018 06:25:58

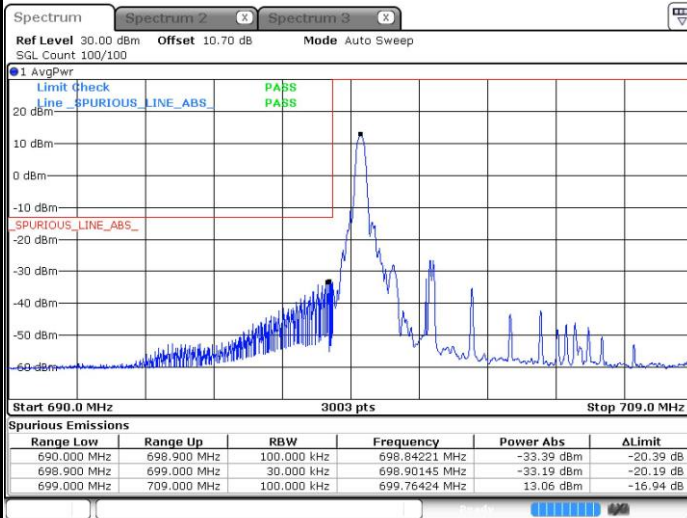


**Conducted Band Edge**

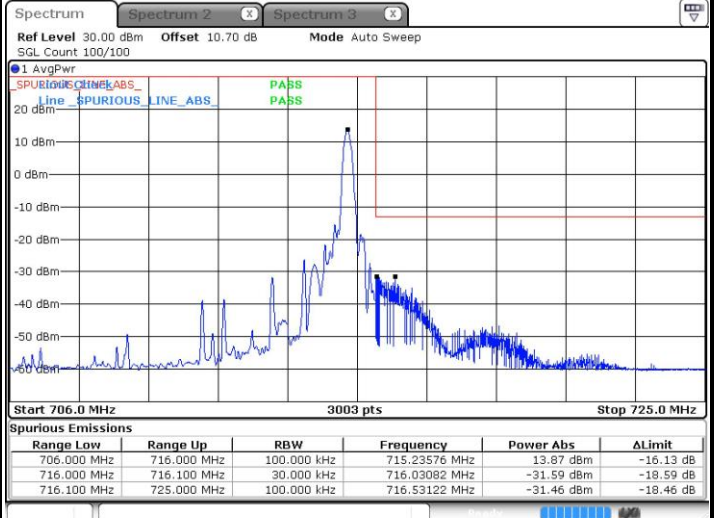


LTE M1 Band 12 / 10MHz / QPSK

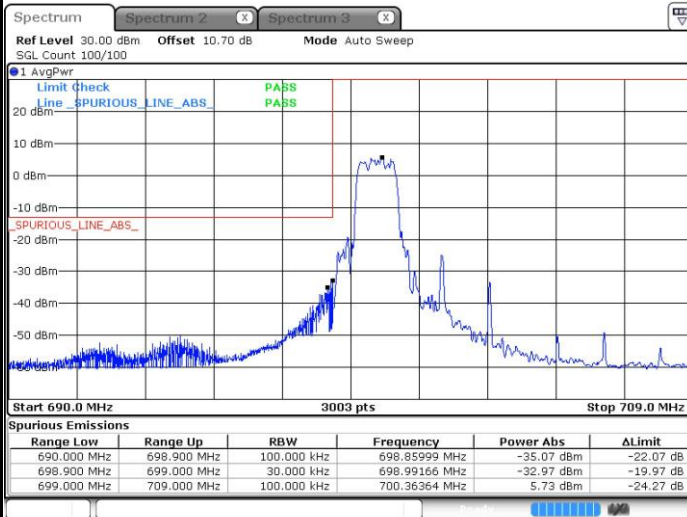
Lowest Band Edge / 1 RB



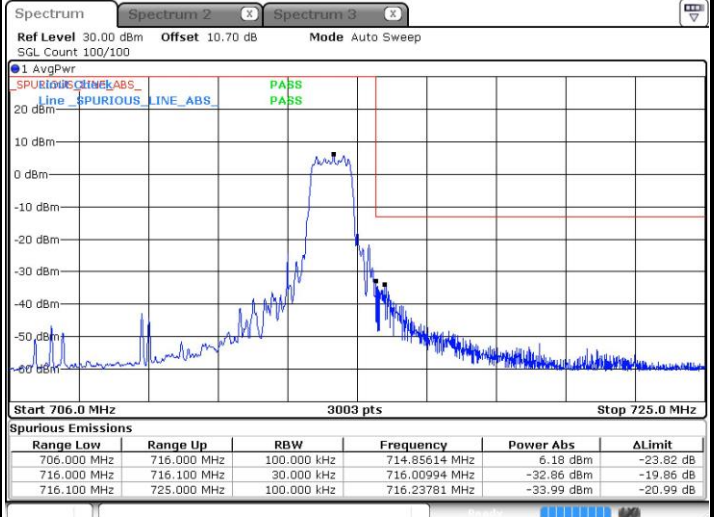
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



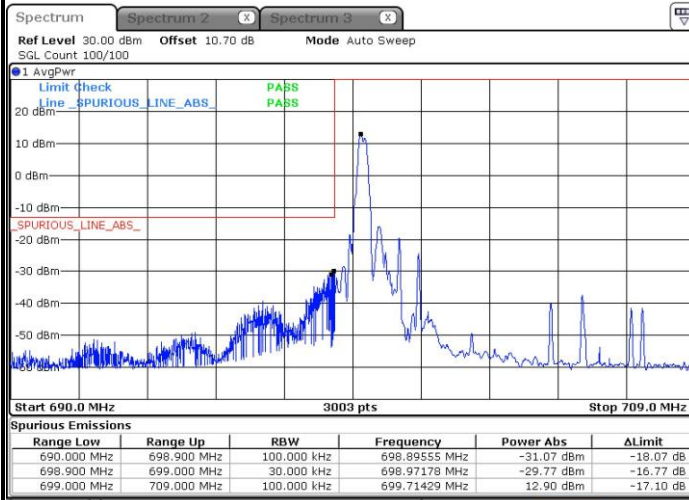
Highest Band Edge / Full RB





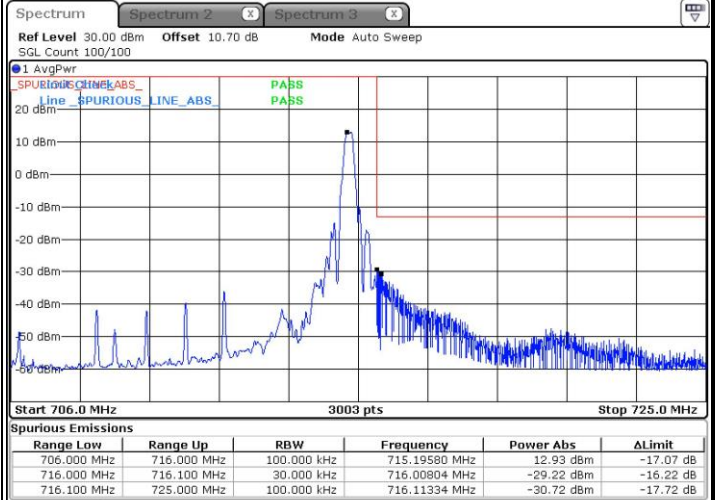
LTE M1 Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



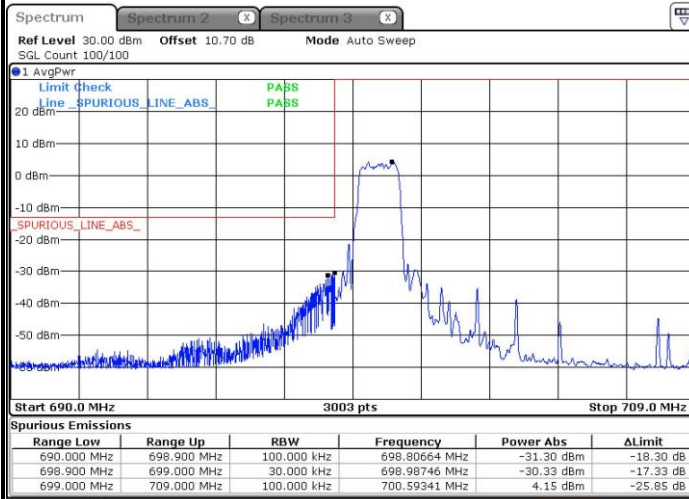
Date: 9.OCT.2018 06:04:42

Highest Band Edge / 1 RB



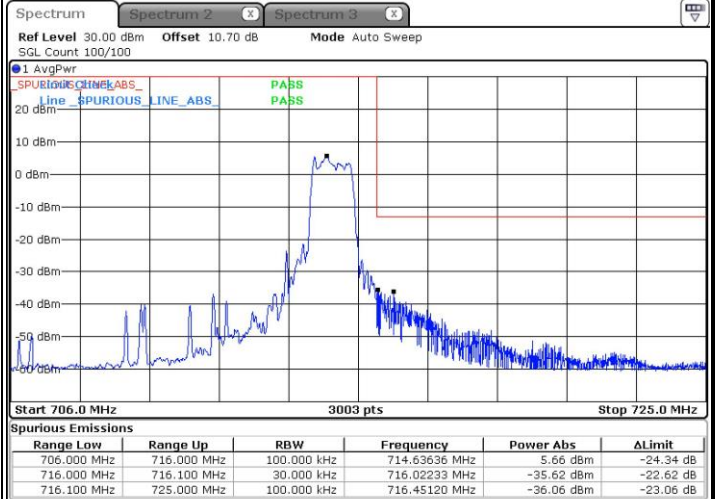
Date: 9.OCT.2018 06:24:56

Lowest Band Edge / Full RB



Date: 9.OCT.2018 06:02:55

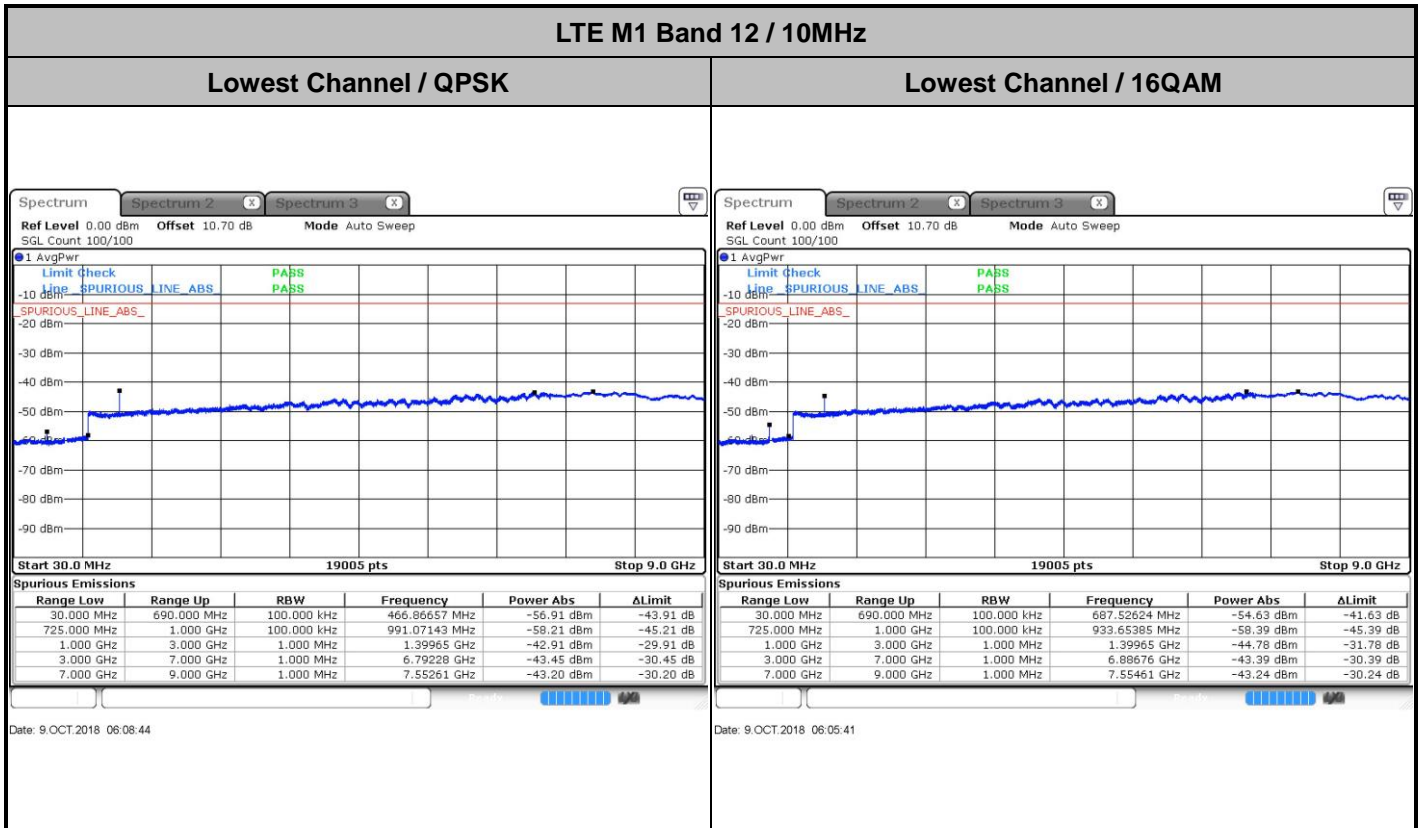
Highest Band Edge / Full RB



Date: 9.OCT.2018 06:27:05



# Conducted Spurious Emission

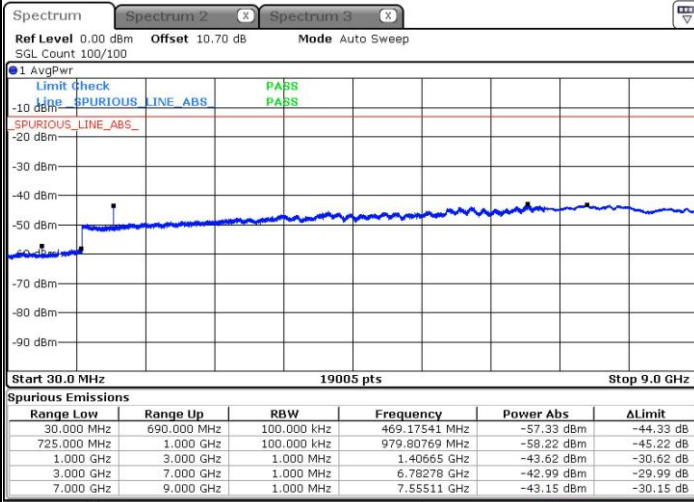




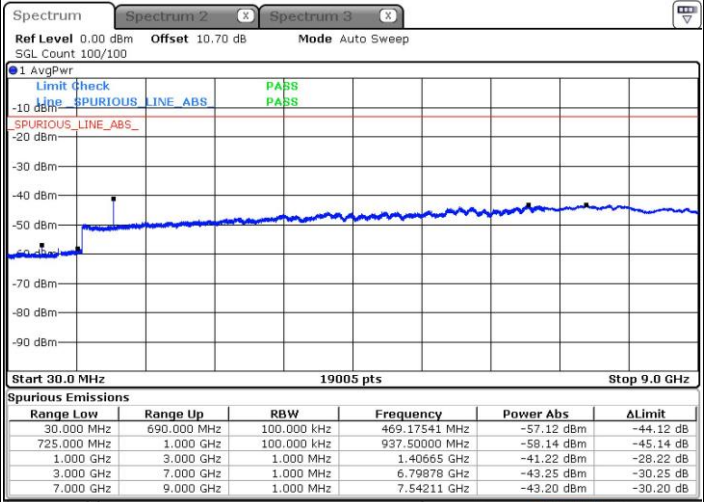
LTE M1 Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



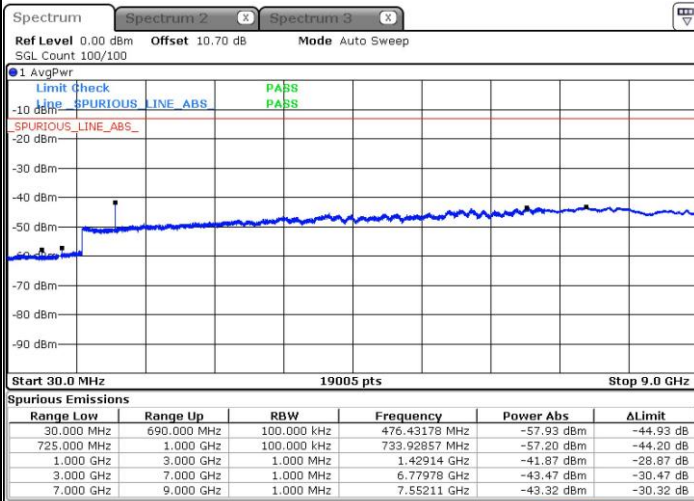
Date: 9.OCT.2018 06:19:14



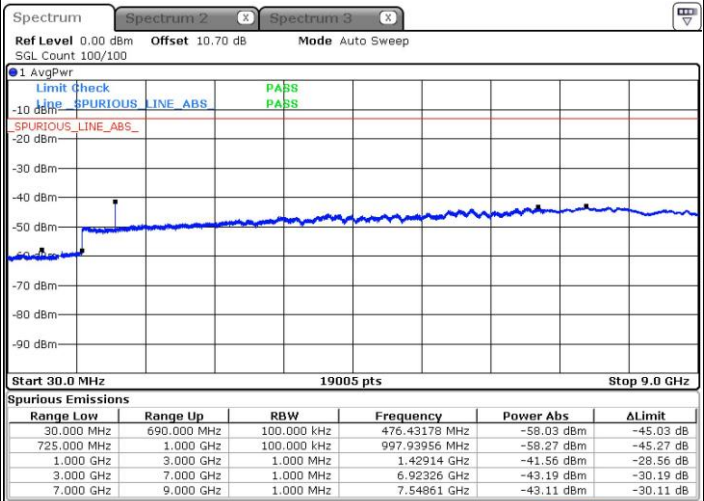
Date: 9.OCT.2018 06:18:13

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9.OCT.2018 06:23:01



Date: 9.OCT.2018 06:21:47





Frequency Stability

Test Conditions		LTE M1 Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =12 V. ; Battery End Point (BEP) =8 V. ; Maximum Voltage =32 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



### Appendix B. Test Results of ERP/EIRP and Radiated Test

#### ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		EIRP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	6	0	0	0	0	22.98	0.1986	25.48	0.3532
Middle		6	0	0	0	0	23.09	0.2037	25.59	0.3622
Highest		6	0	0	0	0	23.45	0.2213	25.95	0.3936
Lowest	16QAM	6	0	0	0	0	22.92	0.1959	25.42	0.3483
Middle		6	0	0	0	0	23.16	0.2070	25.66	0.3681
Highest		6	0	0	0	0	23.39	0.2183	25.89	0.3882
Limit	EIRP < 2W					Result		PASS		

LTE Band 2 / 3MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		EIRP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	6	0	0	0	1	22.97	0.1982	25.47	0.3524
Middle		6	0	0	0	1	23.08	0.2032	25.58	0.3614
Highest		6	0	0	0	1	23.44	0.2208	25.94	0.3926
Lowest	16QAM	6	0	0	0	1	22.89	0.1945	25.39	0.3459
Middle		6	0	0	0	1	23.17	0.2075	25.67	0.3690
Highest		6	0	0	0	1	23.37	0.2173	25.87	0.3864
Limit	EIRP < 2W					Result		PASS		

LTE Band 2 / 5MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		EIRP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	6	0	0	0	3	22.90	0.1950	25.40	0.3467
Middle		6	0	0	0	3	23.07	0.2028	25.57	0.3606
Highest		6	0	0	0	3	23.45	0.2213	25.95	0.3936
Lowest	16QAM	1	5	0	0	3	22.74	0.1879	25.24	0.3342
Middle		1	5	0	0	3	22.89	0.1945	25.39	0.3459
Highest		1	5	0	0	3	23.21	0.2094	25.71	0.3724
Limit	EIRP < 2W					Result		PASS		



LTE Band 2 / 10MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		EIRP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	6	0	0	0	7	22.97	0.1982	25.47	0.3524
Middle		6	0	0	0	7	23.10	0.2042	25.60	0.3631
Highest		6	0	0	0	7	23.44	0.2208	25.94	0.3926
Lowest	16QAM	6	0	0	0	7	22.96	0.1977	25.46	0.3516
Middle		6	0	0	0	7	23.17	0.2075	25.67	0.3690
Highest		6	0	0	0	7	23.37	0.2173	25.87	0.3864
Limit	EIRP < 2W					Result		PASS		

LTE Band 2 / 15MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		EIRP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	6	0	0	0	11	23.02	0.2004	25.52	0.3565
Middle		6	0	0	0	11	23.16	0.2070	25.66	0.3681
Highest		6	0	0	0	11	23.37	0.2173	25.87	0.3864
Lowest	16QAM	6	0	0	0	11	23.02	0.2004	25.52	0.3565
Middle		6	0	0	0	11	23.22	0.2099	25.72	0.3733
Highest		6	0	0	0	11	23.37	0.2173	25.87	0.3864
Limit	EIRP < 2W					Result		PASS		

LTE Band 2 / 20MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		EIRP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	6	0	0	0	15	23.00	0.1995	25.50	0.3548
Middle		6	0	0	0	15	23.15	0.2065	25.65	0.3673
Highest		6	0	0	0	15	23.46	0.2218	25.96	0.3945
Lowest	16QAM	6	0	0	0	15	22.97	0.1982	25.47	0.3524
Middle		6	0	0	0	15	23.25	0.2113	25.75	0.3758
Highest		6	0	0	0	15	23.41	0.2193	25.91	0.3899
Limit	EIRP < 2W					Result		PASS		



LTE Band 4 / 1.4MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		EIRP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	0	0	0	23.06	0.2023	25.56	0.3597
Middle		1	0	0	0	0	23.02	0.2004	25.52	0.3565
Highest		1	0	0	0	0	23.29	0.2133	25.79	0.3793
Lowest	16QAM	6	0	0	0	0	23.07	0.2028	25.57	0.3606
Middle		6	0	0	0	0	23.14	0.2061	25.64	0.3664
Highest		6	0	0	0	0	22.96	0.1977	25.46	0.3516
Limit	EIRP < 1W						Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		EIRP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	0	0	1	23.03	0.2009	25.53	0.3573
Middle		1	0	0	0	1	23.01	0.2000	25.51	0.3556
Highest		1	0	0	0	1	23.28	0.2128	25.78	0.3784
Lowest	16QAM	6	0	0	0	1	23.40	0.2188	25.90	0.3890
Middle		6	0	0	0	1	23.32	0.2148	25.82	0.3819
Highest		6	0	0	0	1	23.10	0.2042	25.60	0.3631
Limit	EIRP < 1W						Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		EIRP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	0	0	3	22.96	0.1977	25.46	0.3516
Middle		1	5	0	0	3	23.04	0.2014	25.54	0.3581
Highest		1	5	0	0	3	23.28	0.2128	25.78	0.3784
Lowest	16QAM	6	0	0	0	3	23.32	0.2148	25.82	0.3819
Middle		6	0	0	0	3	23.29	0.2133	25.79	0.3793
Highest		6	0	0	0	3	23.09	0.2037	25.59	0.3622
Limit	EIRP < 1W						Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		EIRP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	0	0	7	22.99	0.1991	25.49	0.3540
Middle		1	5	0	0	7	22.99	0.1991	25.49	0.3540
Highest		1	5	0	0	7	23.29	0.2133	25.79	0.3793
Lowest	16QAM	6	0	0	0	7	23.39	0.2183	25.89	0.3882
Middle		6	0	0	0	7	23.29	0.2133	25.79	0.3793
Highest		6	0	0	0	7	23.12	0.2051	25.62	0.3648
Limit	EIRP < 1W						Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		EIRP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	5	0	0	11	23.06	0.2023	25.56	0.3597
Middle		1	5	0	0	11	23.04	0.2014	25.54	0.3581
Highest		1	5	0	0	11	23.32	0.2148	25.82	0.3819
Lowest	16QAM	6	0	0	0	11	23.41	0.2193	25.91	0.3899
Middle		6	0	0	0	11	23.33	0.2153	25.83	0.3828
Highest		6	0	0	0	11	23.17	0.2075	25.67	0.3690
Limit	EIRP < 1W						Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		EIRP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	0	0	15	23.49	0.2234	25.99	0.3972
Middle		1	0	0	0	15	23.31	0.2143	25.81	0.3811
Highest		1	0	0	0	15	23.19	0.2084	25.69	0.3707
Lowest	16QAM	6	0	0	0	15	23.28	0.2128	25.78	0.3784
Middle		6	0	0	0	15	23.58	0.2280	26.08	0.4055
Highest		6	0	0	0	15	23.12	0.2051	25.62	0.3648
Limit	EIRP < 1W						Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		ERP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	5	0	0	0	22.88	0.1941	23.23	0.2104
Middle		1	5	0	0	0	23.00	0.1995	23.35	0.2163
Highest		1	5	0	0	0	22.85	0.1928	23.20	0.2089
Lowest	16QAM	1	0	0	0	0	22.88	0.1941	23.23	0.2104
Middle		1	0	0	0	0	22.97	0.1982	23.32	0.2148
Highest		1	0	0	0	0	22.89	0.1945	23.24	0.2109
Limit	ERP < 3W						Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		ERP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	5	0	0	1	22.83	0.1919	23.18	0.2080
Middle		1	5	0	0	1	23.06	0.2023	23.41	0.2193
Highest		1	5	0	0	1	22.80	0.1905	23.15	0.2065
Lowest	16QAM	1	5	0	0	1	22.87	0.1936	23.22	0.2099
Middle		1	5	0	0	1	23.00	0.1995	23.35	0.2163
Highest		1	5	0	0	1	22.67	0.1849	23.02	0.2004
Limit	ERP < 3W						Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		ERP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	5	0	0	3	22.93	0.1963	23.28	0.2128
Middle		1	5	0	0	3	23.06	0.2023	23.41	0.2193
Highest		1	5	0	0	3	22.86	0.1932	23.21	0.2094
Lowest	16QAM	1	5	0	0	3	22.89	0.1945	23.24	0.2109
Middle		1	5	0	0	3	23.01	0.2000	23.36	0.2168
Highest		1	5	0	0	3	22.77	0.1892	23.12	0.2051
Limit	ERP < 3W						Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = 2.5 dB)										
Channel	Mode	RB		Index			Conducted		ERP	
		Size	Offset	L	M	H	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	5	0	0	7	23.12	0.2051	23.47	0.2223
Middle		1	5	0	0	7	23.13	0.2056	23.48	0.2228
Highest		1	5	0	0	7	23.22	0.2099	23.57	0.2275
Lowest	16QAM	1	0	0	0	7	23.18	0.2080	23.53	0.2254
Middle		1	0	0	0	7	23.16	0.2070	23.51	0.2244
Highest		1	0	0	0	7	23.09	0.2037	23.44	0.2208
Limit	ERP < 3W						Result		PASS	



**Radiated Spurious Emission**

**Part 24E LTE Band 2**

LTE Band 2/ 20MHz / QPSK									
Channel	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)
Lowest	3707	-50.25	-13	-37.25	-68.05	-60.55	1.98	12.28	H
	5560	-56.30	-13	-43.30	-77.54	-66.44	2.14	12.28	H
	7414	-51.73	-13	-38.73	-76.62	-59.72	2.17	10.15	H
									H
	3707	-55.35	-13	-42.35	-72.58	-65.65	1.98	12.28	V
	5560	-55.96	-13	-42.96	-77.43	-66.10	2.14	12.28	V
	7414	-51.66	-13	-38.66	-76.63	-59.65	2.17	10.15	V
									V
Middle	3742	-49.25	-13	-36.25	-66.96	-59.51	2.00	12.25	H
	5615	-56.22	-13	-43.22	-77.39	-66.45	2.13	12.36	H
	7486	-51.69	-13	-38.69	-77.11	-59.59	2.12	10.03	H
									H
	3742	-53.00	-13	-40.00	-70.19	-63.26	2.00	12.25	V
	5615	-56.45	-13	-43.45	-77.81	-66.68	2.13	12.36	V
	7486	-52.47	-13	-39.47	-77.03	-60.37	2.12	10.03	V
									V
Highest	3784	-52.89	-13	-39.89	-70.49	-63.10	2.02	12.23	H
	5676	-55.28	-13	-42.28	-76.48	-65.61	2.11	12.45	H
	7368	-51.89	-13	-38.89	-76.67	-59.93	2.20	10.24	H
									H
	3784	-55.47	-13	-42.47	-72.61	-65.68	2.02	12.23	V
	5676	-56.21	-13	-43.21	-77.57	-66.54	2.11	12.45	V
	7368	-53.02	-13	-40.02	-76.77	-61.06	2.20	10.24	V
									V

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.





Part 27L LTE Band 4

LTE Band 4 / 20MHz / 16QAM									
Channel	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)
Lowest	3427	-46.49	-13	-33.49	-63.33	-56.86	1.81	12.18	H
	5135	-54.24	-13	-41.24	-74.86	-64.06	2.30	12.13	H
	8558	-45.54	-13	-32.54	-73.95	-55.95	2.16	12.58	H
									H
	3427	-48.78	-13	-35.78	-65.15	-59.15	1.81	12.18	V
	5135	-55.67	-13	-42.67	-76.23	-65.49	2.30	12.13	V
	8558	-45.86	-13	-32.86	-73.65	-56.27	2.16	12.58	V
									V
Middle	3448	-44.47	-13	-31.47	-61.48	-54.89	1.83	12.24	H
	5170	-52.90	-13	-39.90	-73.54	-62.74	2.29	12.13	H
	8621	-46.76	-13	-33.76	-75.59	-57.13	2.18	12.55	H
									H
	3448	-49.71	-13	-36.71	-66.25	-60.13	1.83	12.24	V
	5170	-56.49	-13	-43.49	-77.05	-66.33	2.29	12.13	V
	8621	-47.02	-13	-34.02	-75.1	-57.39	2.18	12.55	V
									V
Highest	3476	-47.57	-13	-34.57	-64.93	-58.05	1.85	12.33	H
	5212	-56.27	-13	-43.27	-76.93	-66.14	2.27	12.14	H
	8683	-47.65	-13	-34.65	-76.78	-57.97	2.21	12.53	H
									H
	3476	-50.35	-13	-37.35	-67.25	-60.83	1.85	12.33	V
	5212	-57.30	-13	-44.30	-77.85	-67.17	2.27	12.14	V
	8683	-47.95	-13	-34.95	-76.17	-58.27	2.21	12.53	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



Part 27H LTE Band 12

LTE Band 12 / 10MHz / QPSK									
Channel	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)
Lowest	1400	-46.61	-13.00	-33.61	-57.83	-51.05	1.15	7.74	H
	2100	-61.14	-13.00	-48.14	-76.18	-67.79	1.38	10.18	H
	2800	-59.91	-13.00	-46.91	-75.84	-67.05	1.45	10.74	H
									H
	1400	-46.32	-13.00	-33.32	-56.76	-50.76	1.15	7.74	V
	2100	-61.57	-13.00	-48.57	-75.87	-68.22	1.38	10.18	V
	2800	-60.48	-13.00	-47.48	-76.04	-67.62	1.45	10.74	V
									V
Middle	1408	-49.75	-13.00	-36.75	-60.98	-54.23	1.15	7.78	H
	2112	-60.66	-13.00	-47.66	-76.01	-67.32	1.38	10.19	H
	2816	-60.02	-13.00	-47.02	-76.03	-67.17	1.45	10.75	H
									H
	1408	-48.17	-13.00	-35.17	-58.61	-52.65	1.15	7.78	V
	2112	-61.47	-13.00	-48.47	-76.09	-68.13	1.38	10.19	V
	2816	-59.90	-13.00	-46.90	-75.47	-67.05	1.45	10.75	V
									V
Highest	1416	-47.58	-13.00	-34.58	-58.81	-52.09	1.15	7.81	H
	2124	-60.26	-13.00	-47.26	-75.92	-66.93	1.38	10.20	H
	2832	-60.41	-13.00	-47.41	-76.50	-67.57	1.45	10.77	H
									H
	1416	-47.06	-13.00	-34.06	-57.50	-51.57	1.15	7.81	V
	2124	-60.76	-13.00	-47.76	-75.70	-67.43	1.38	10.20	V
	2832	-60.83	-13.00	-47.83	-76.41	-67.99	1.45	10.77	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.