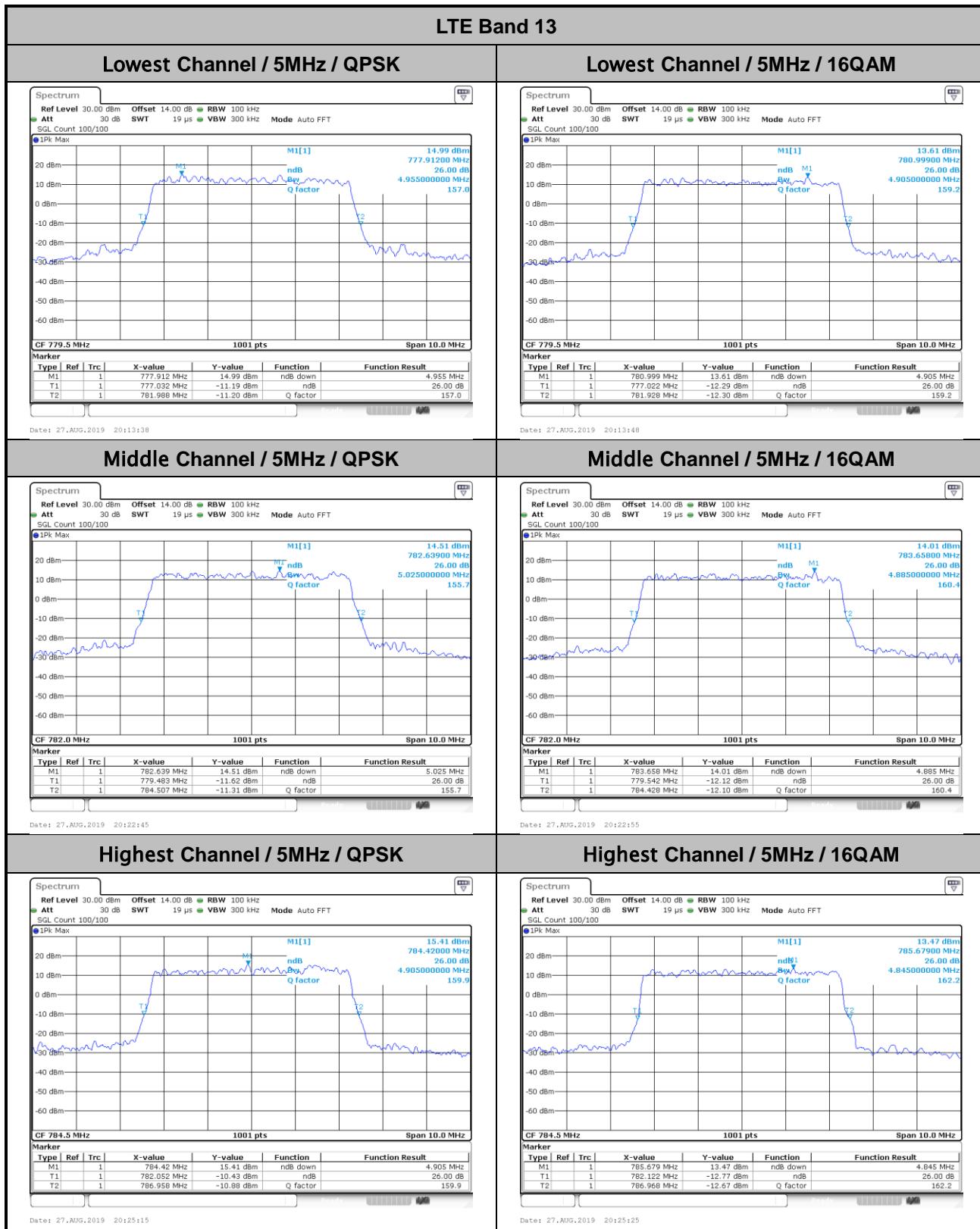
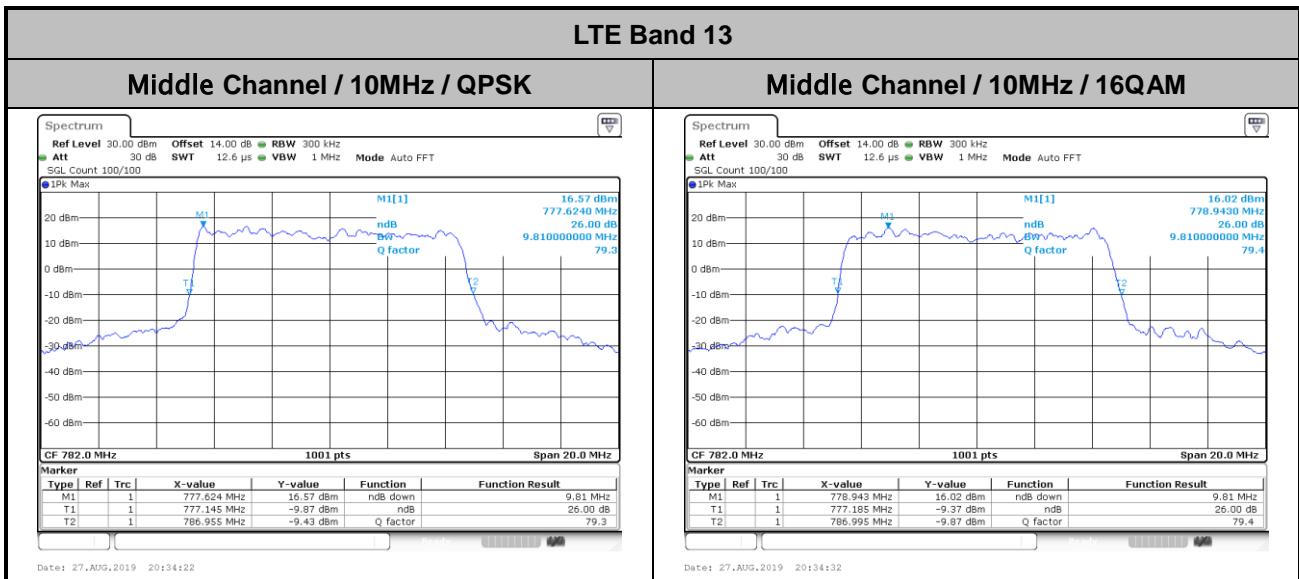


**26dB Bandwidth**

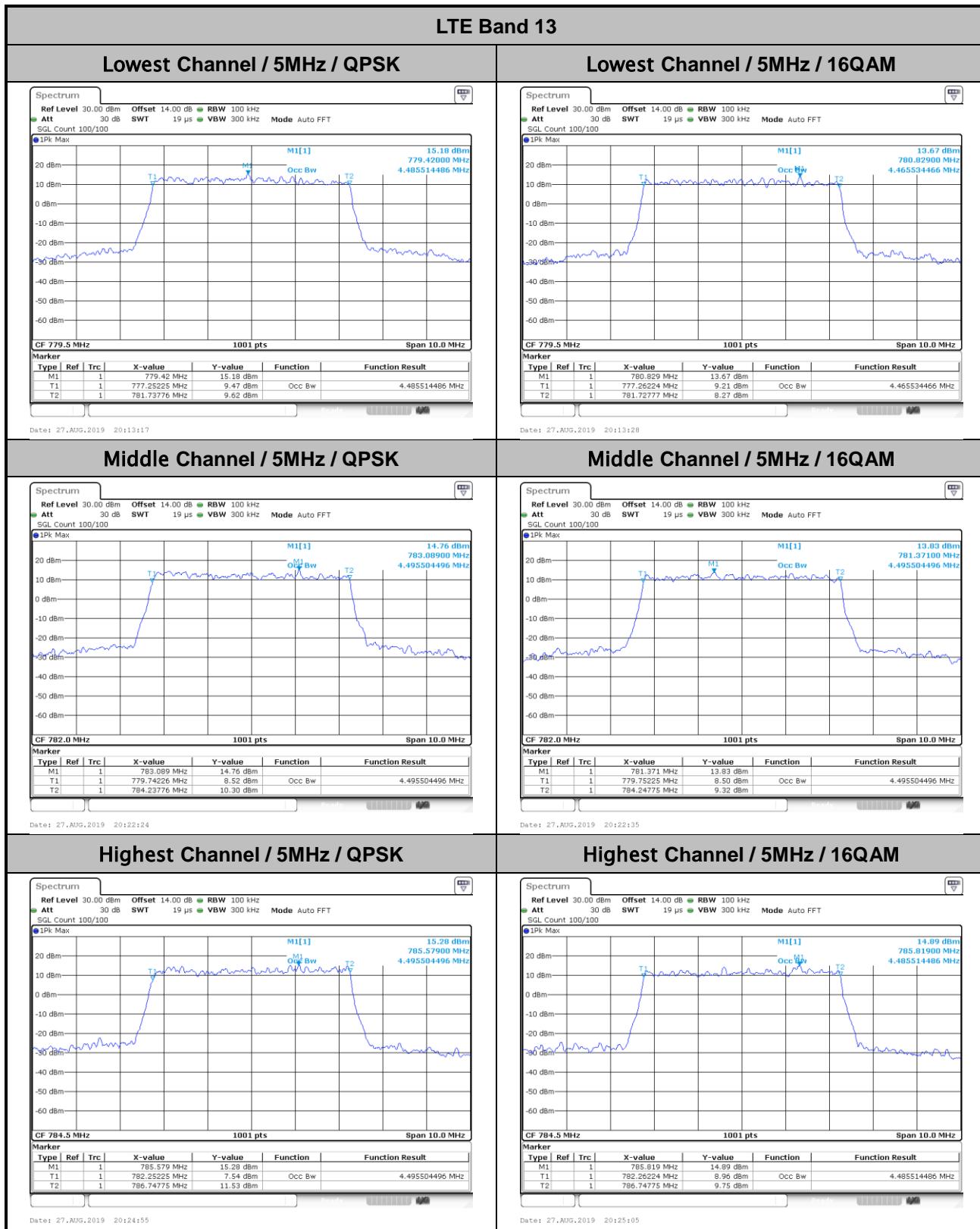
Mode	LTE Band 13 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.955	4.905	-	-	-	-	-	-
Middle CH	-	-	-	-	5.025	4.885	9.81	9.81	-	-	-	-
Highest CH	-	-	-	-	4.905	4.845	-	-	-	-	-	-

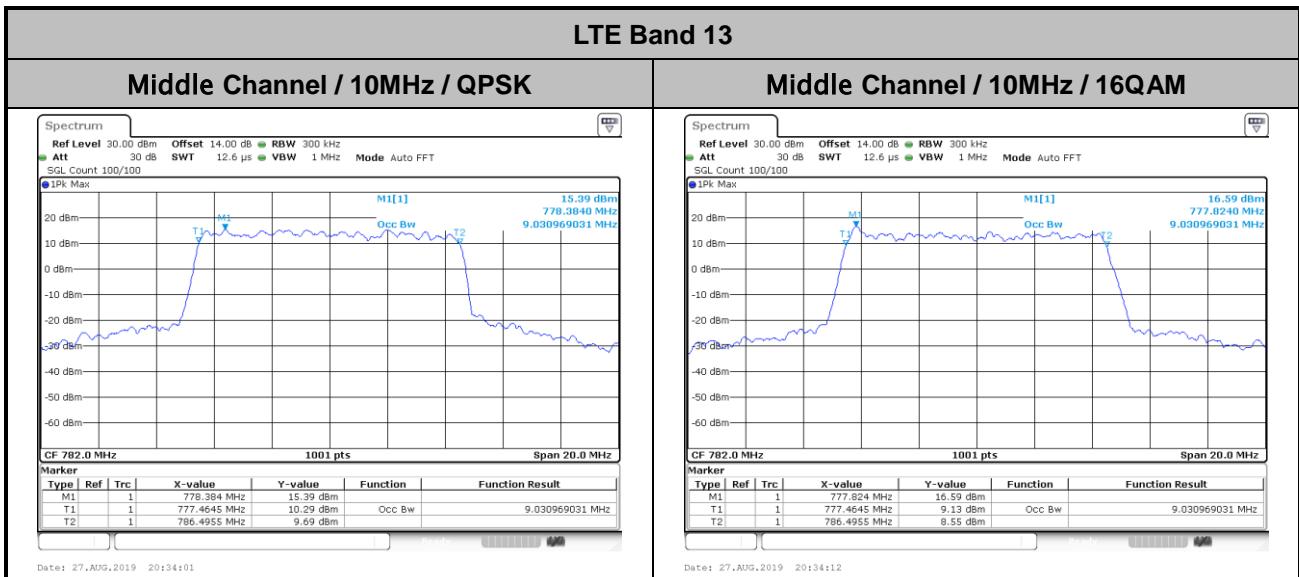




**Occupied Bandwidth**

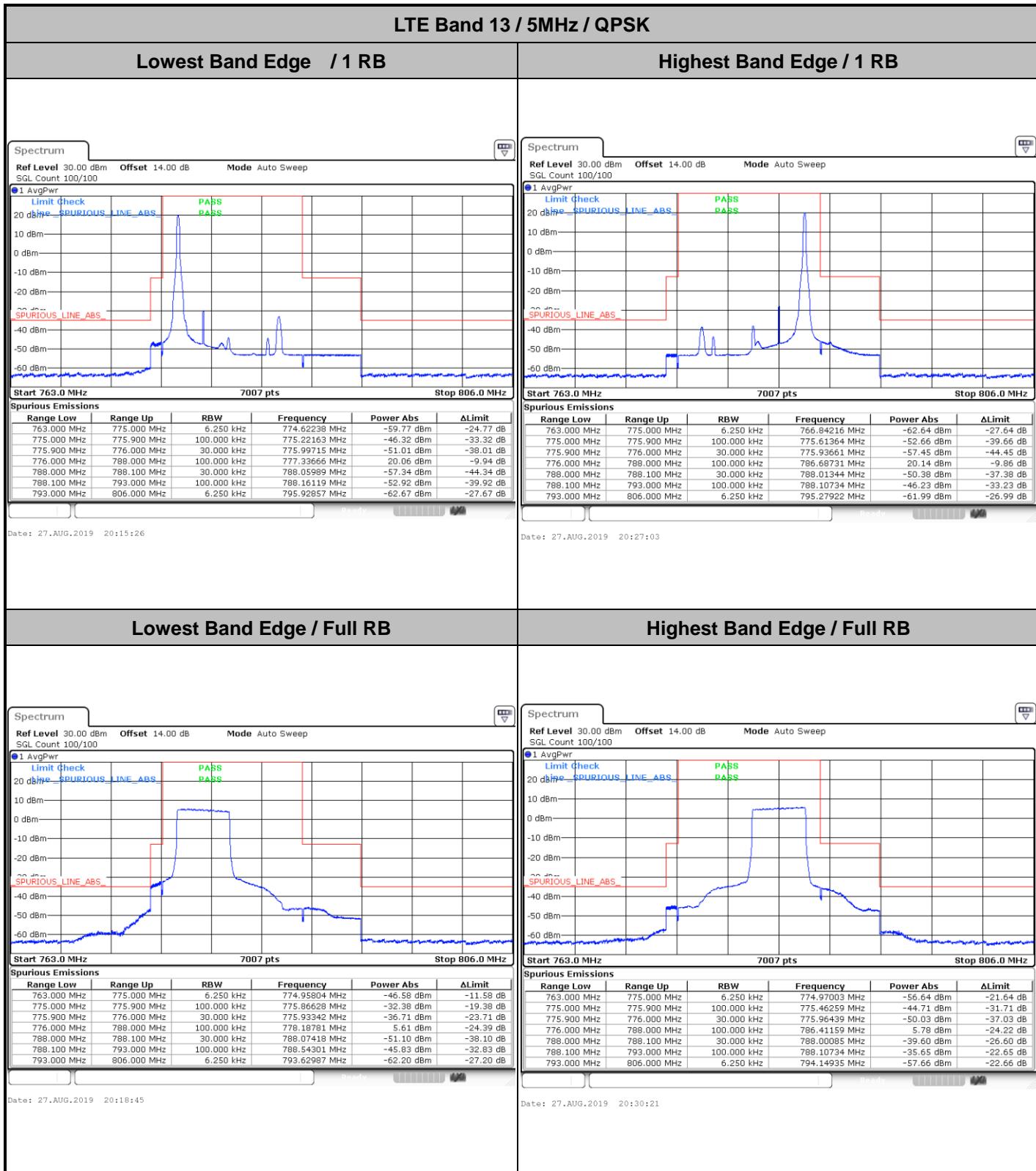
Mode	LTE Band 13 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.47	-	-	-	-	-	-
Middle CH	-	-	-	-	4.5	4.5	9.03	9.03	-	-	-	-
Highest CH	-	-	-	-	4.5	4.49	-	-	-	-	-	-

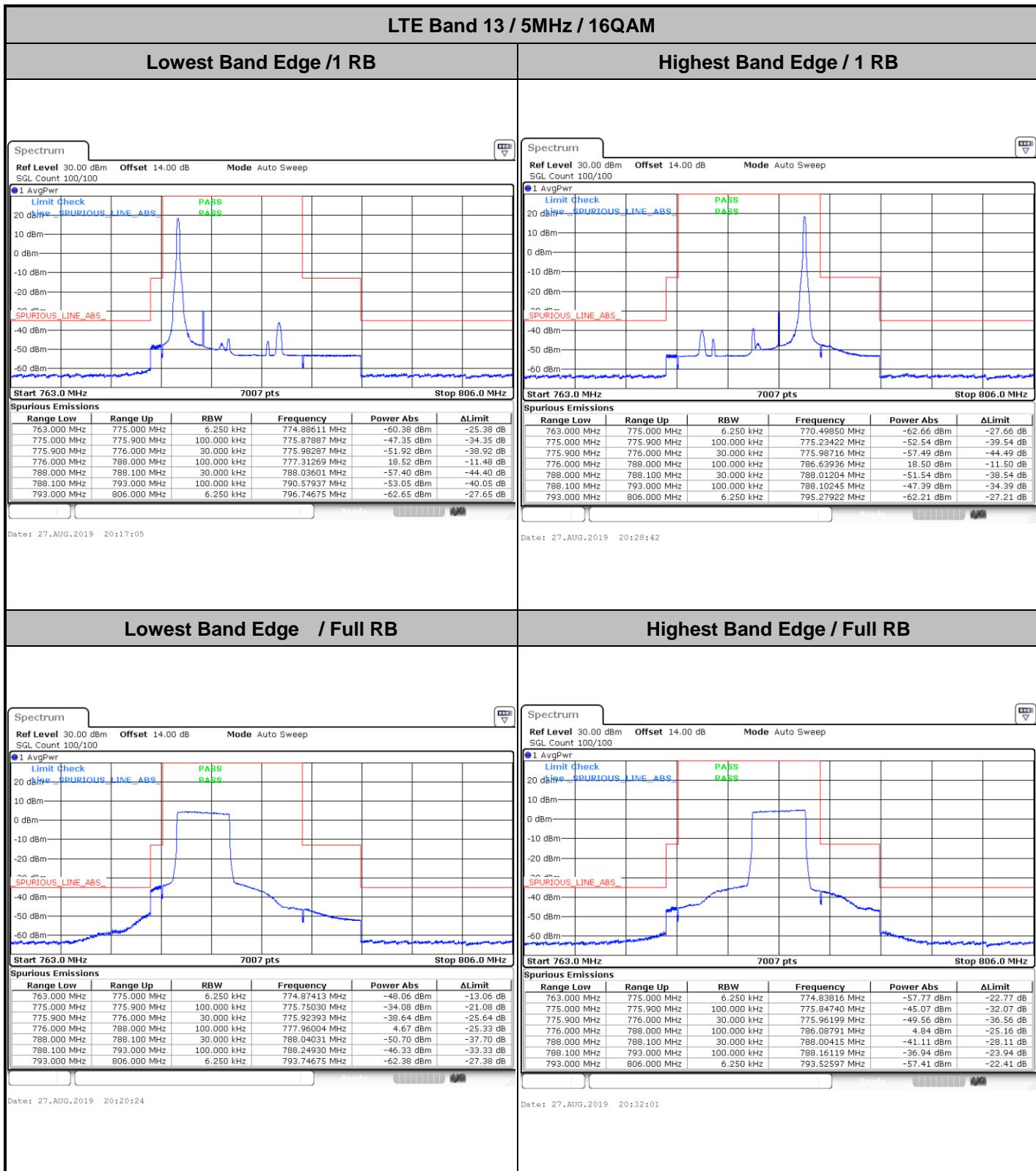


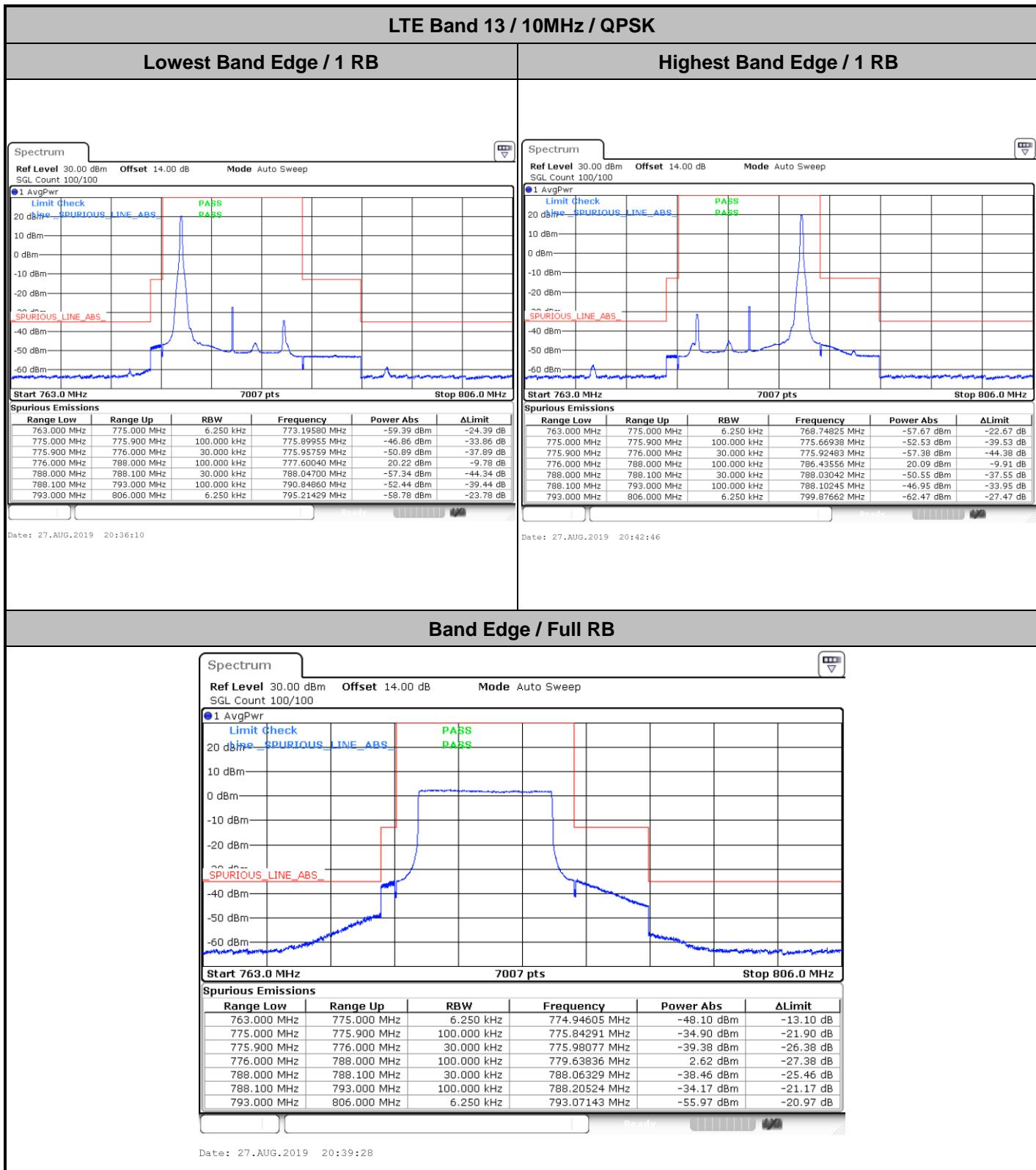


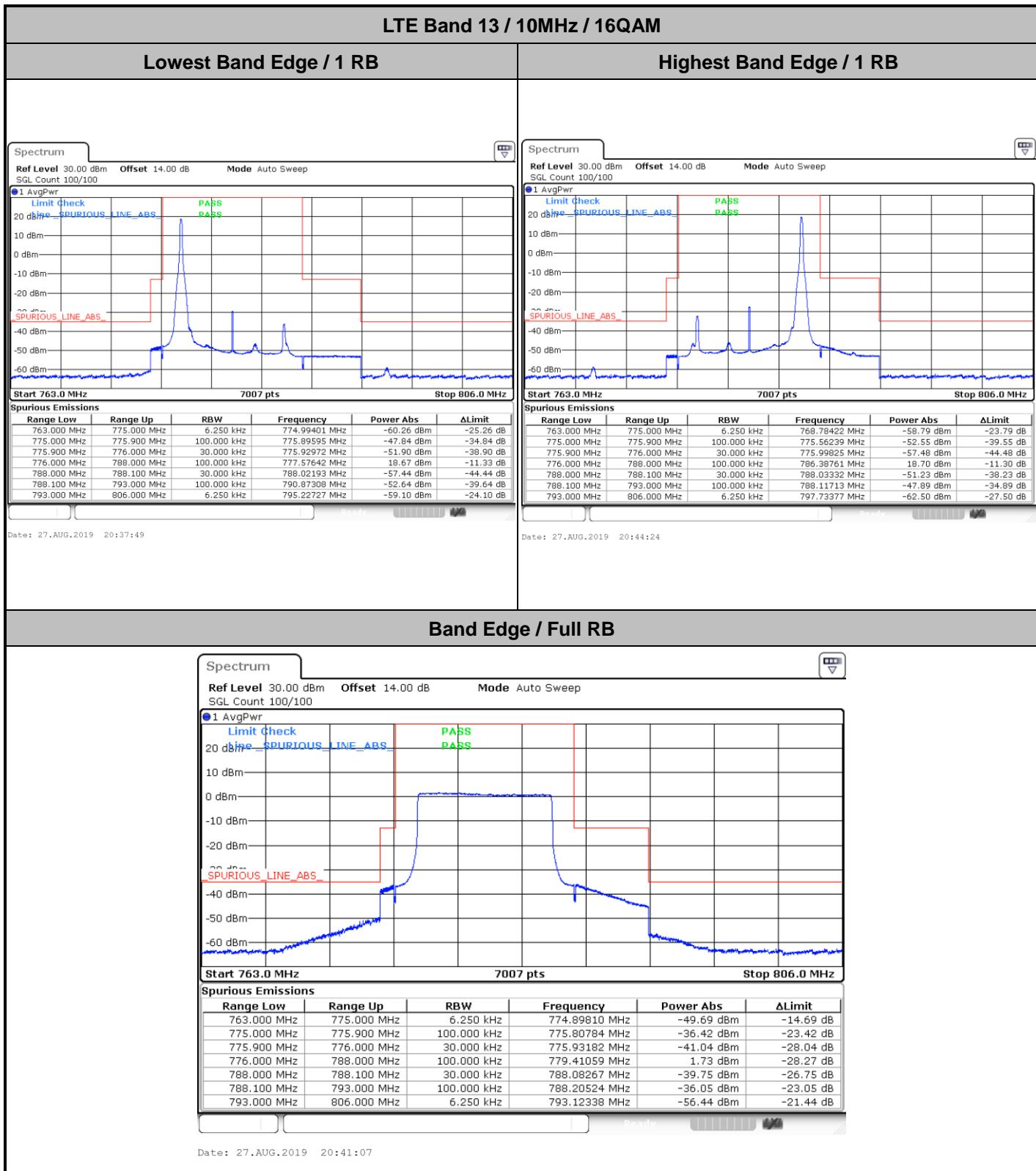


Conducted Band Edge



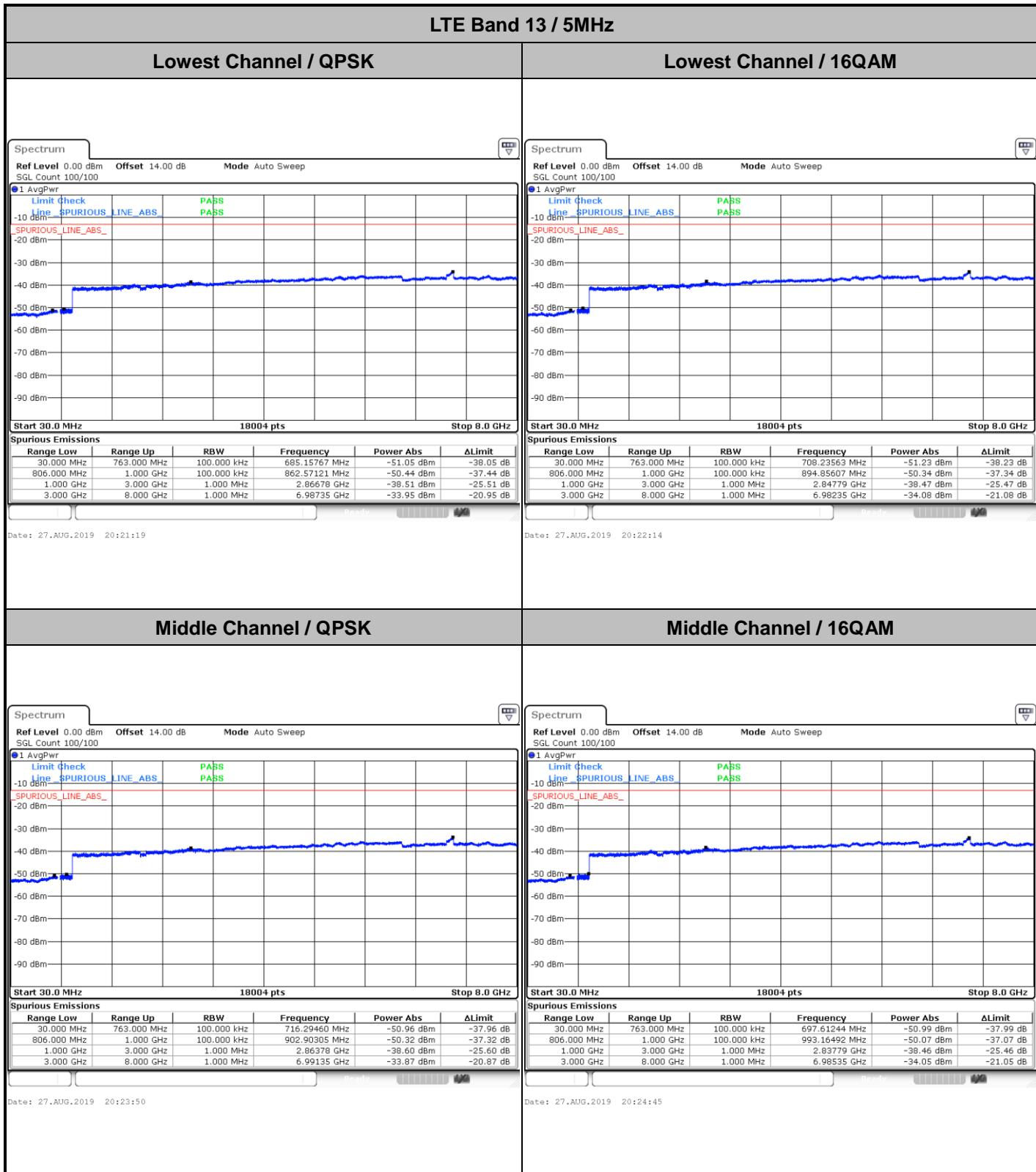








Conducted Spurious Emission

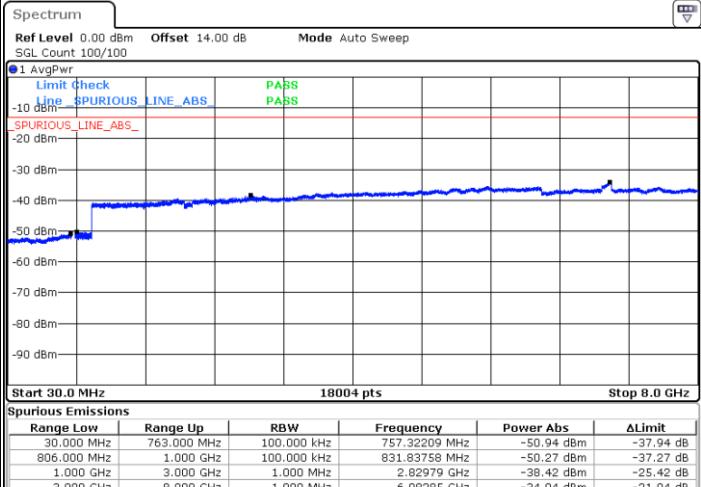
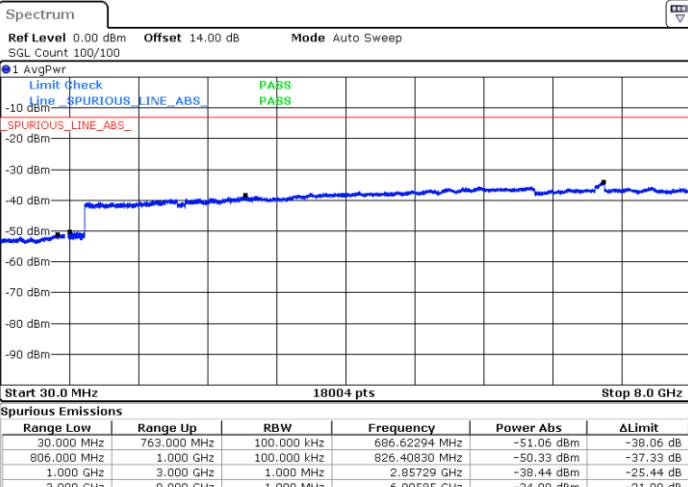




LTE Band 13 / 5MHz

Highest Channel / QPSK

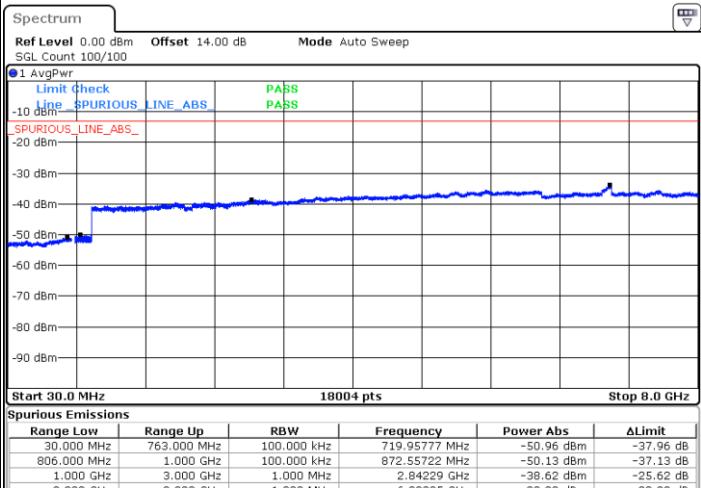
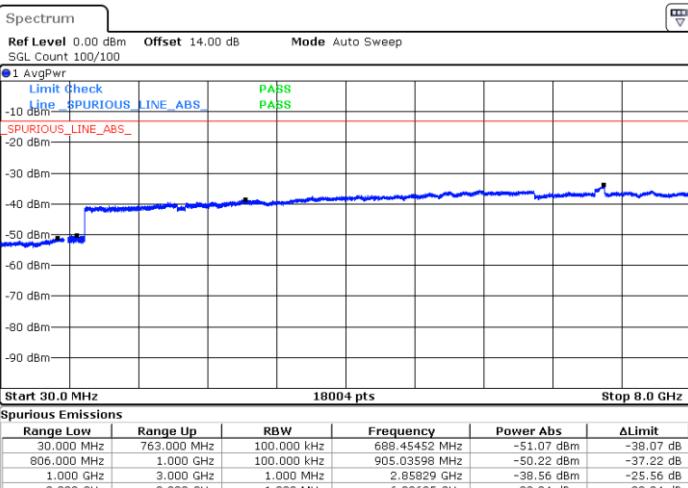
Highest Channel / 16QAM



LTE Band 13 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM





Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0029	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0043	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0033	

Note:

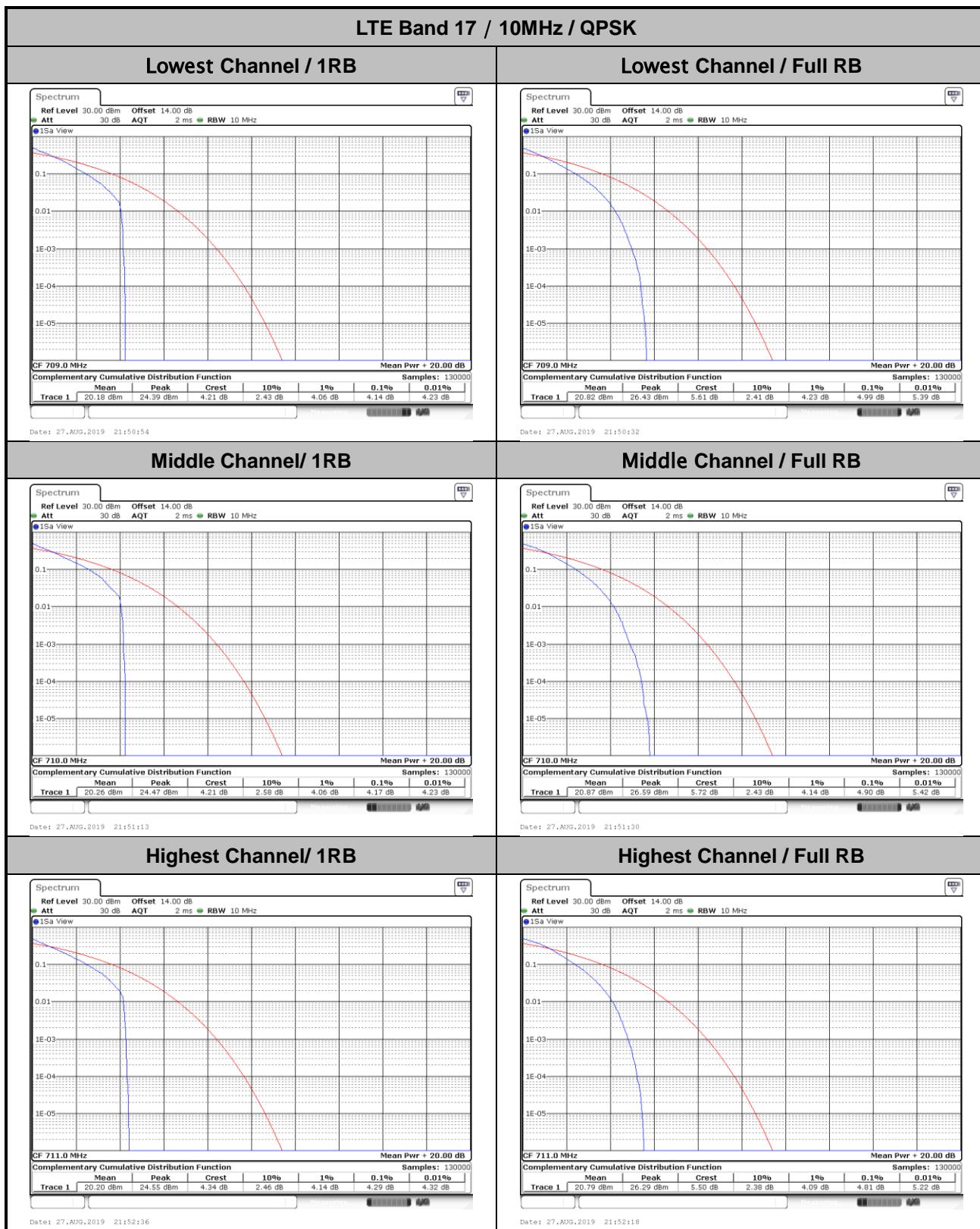
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

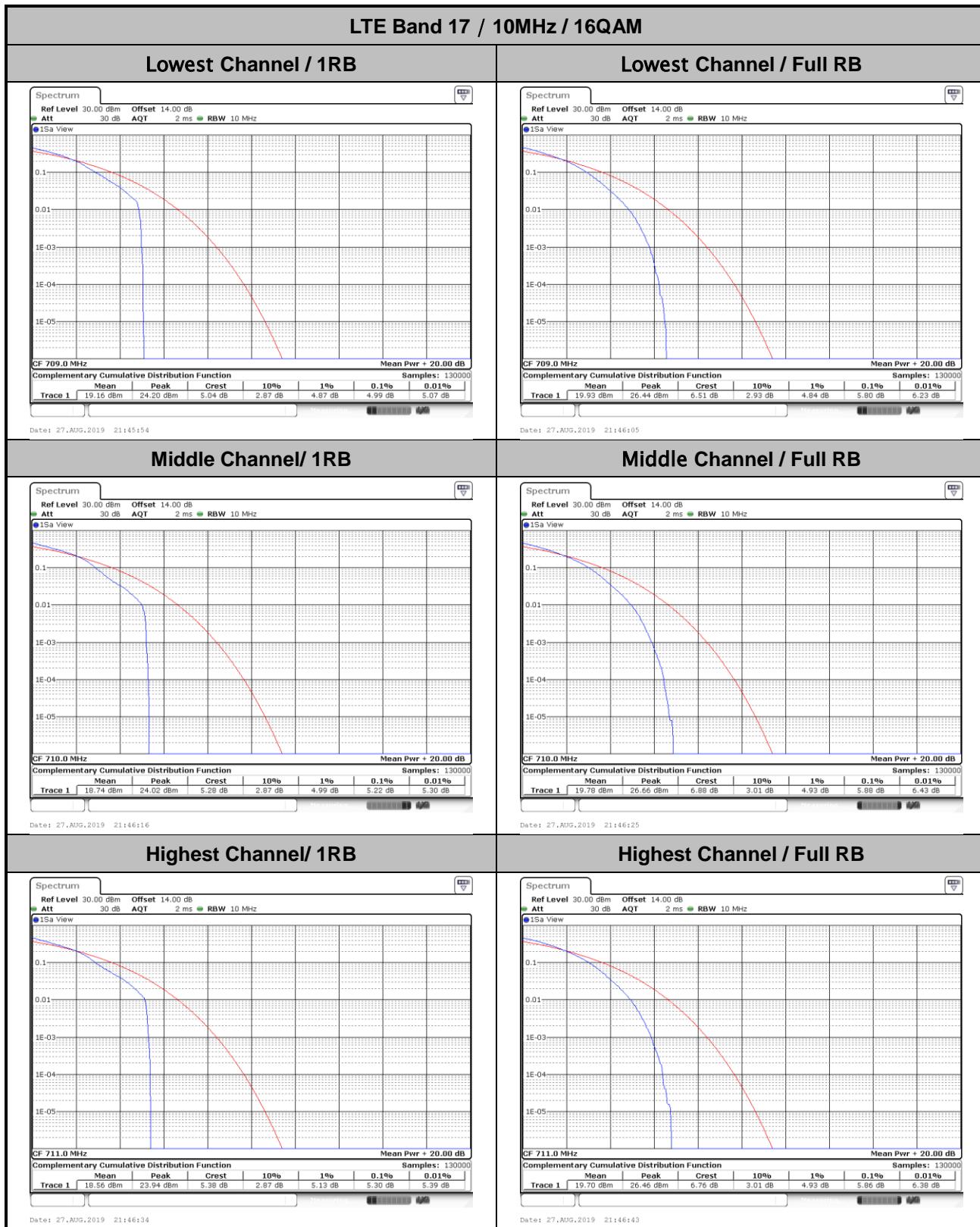


LTE Band 17

Peak-to-Average Ratio

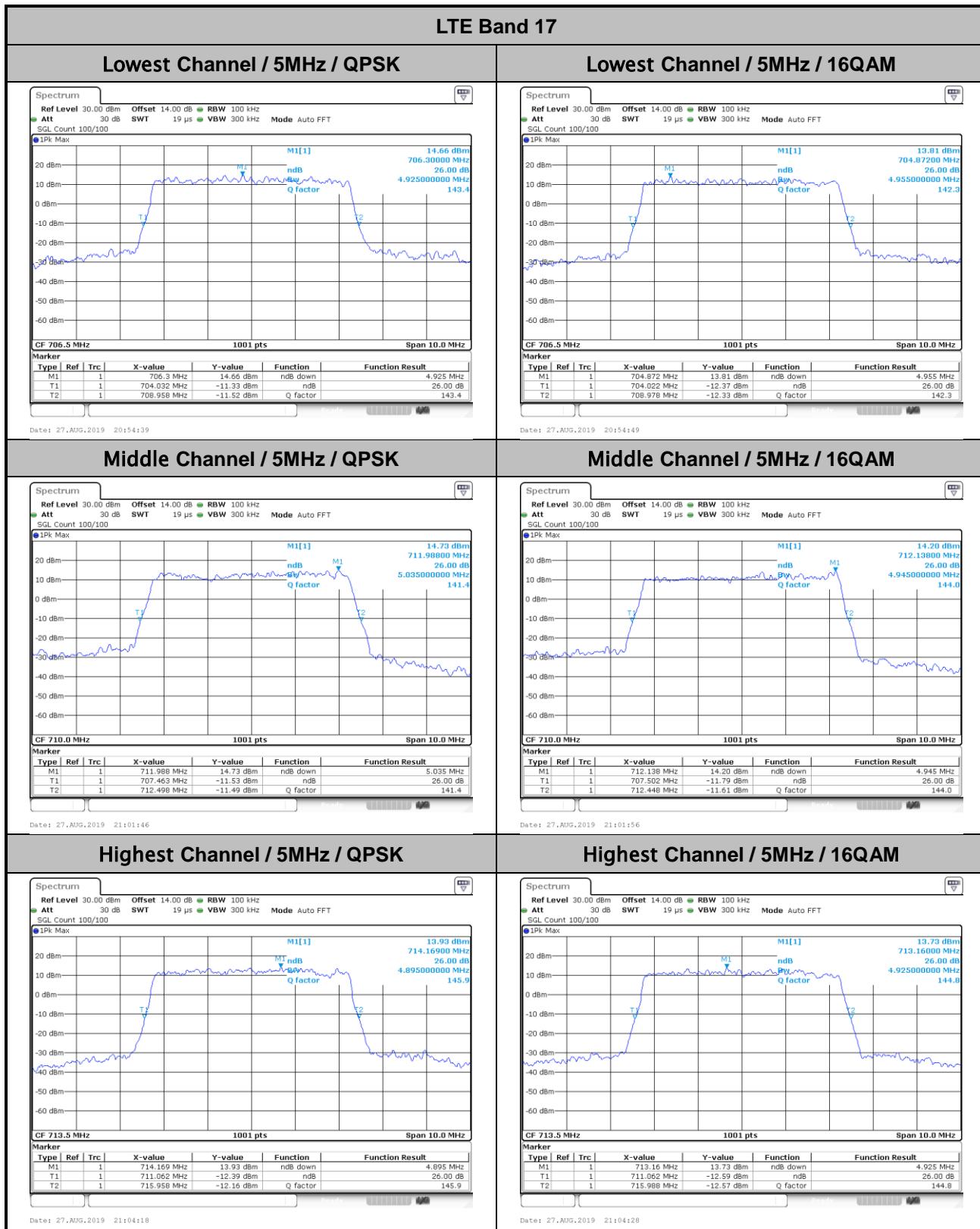
Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.14	4.99	4.99	5.8	PASS
Middle CH	4.17	4.9	5.22	5.88	
Highest CH	4.29	4.81	5.3	5.86	

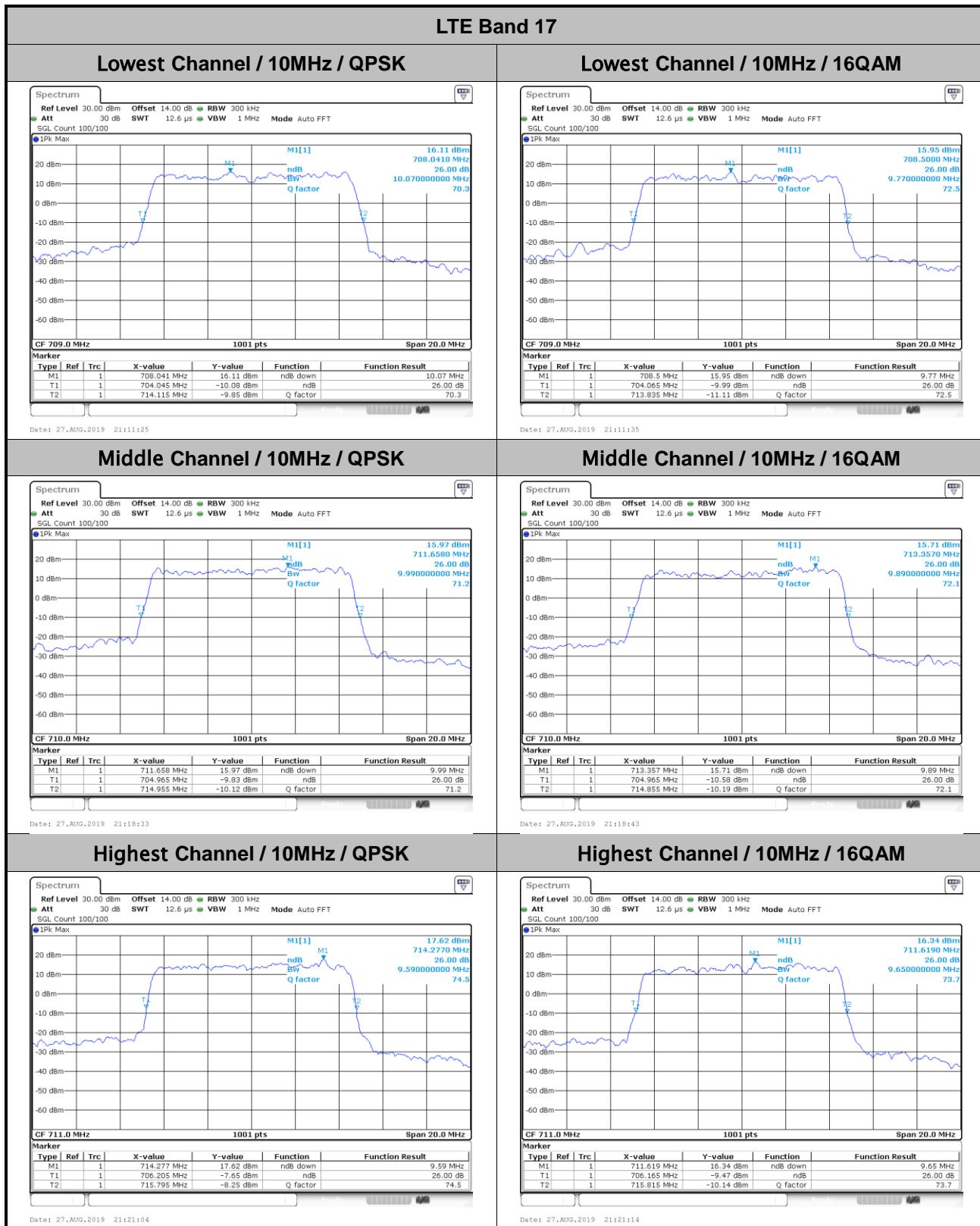




**26dB Bandwidth**

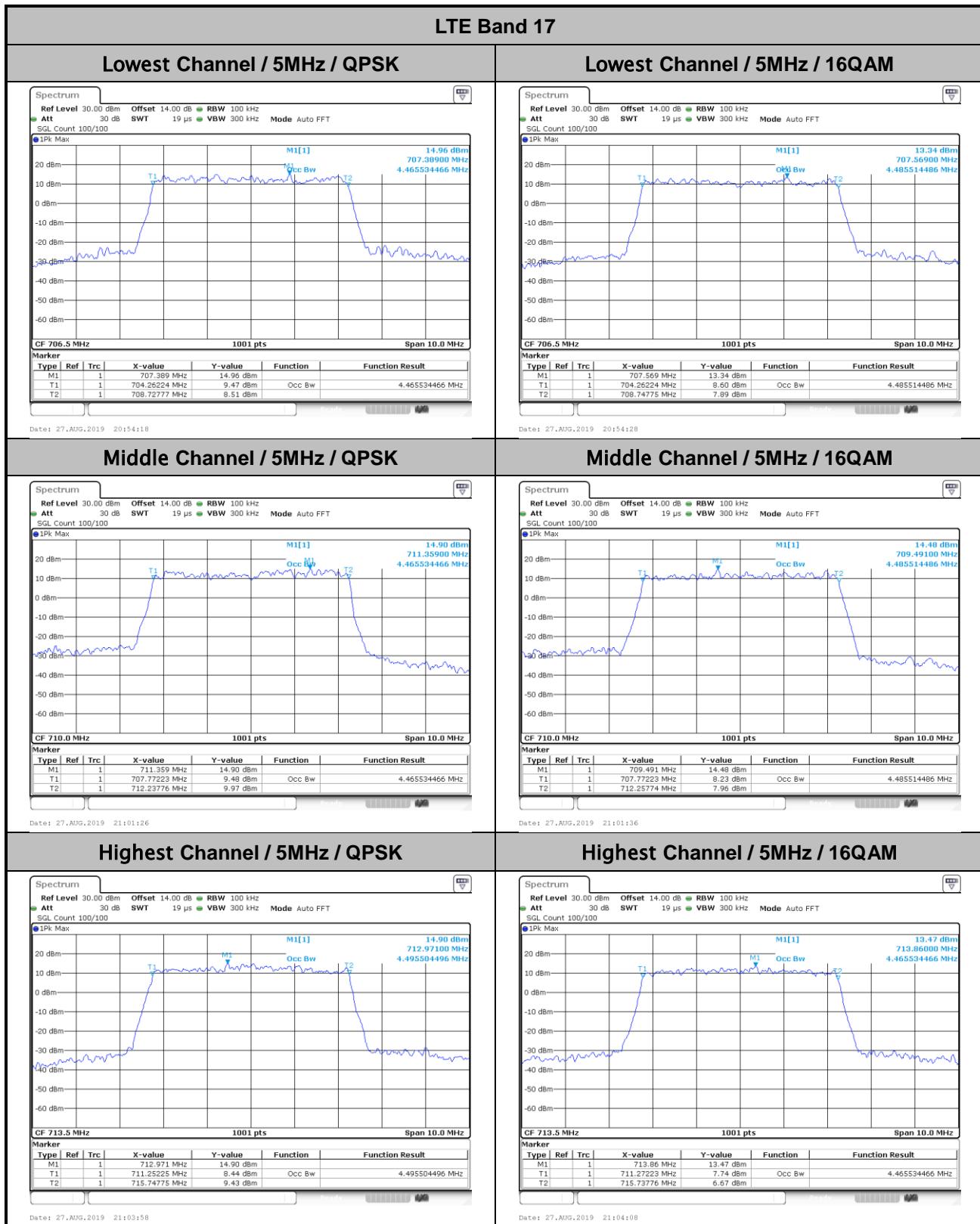
Mode	LTE Band 17 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.925	4.955	10.07	9.77	-	-	-	-
Middle CH	-	-	-	-	5.035	4.945	9.99	9.89	-	-	-	-
Highest CH	-	-	-	-	4.895	4.925	9.59	9.65	-	-	-	-

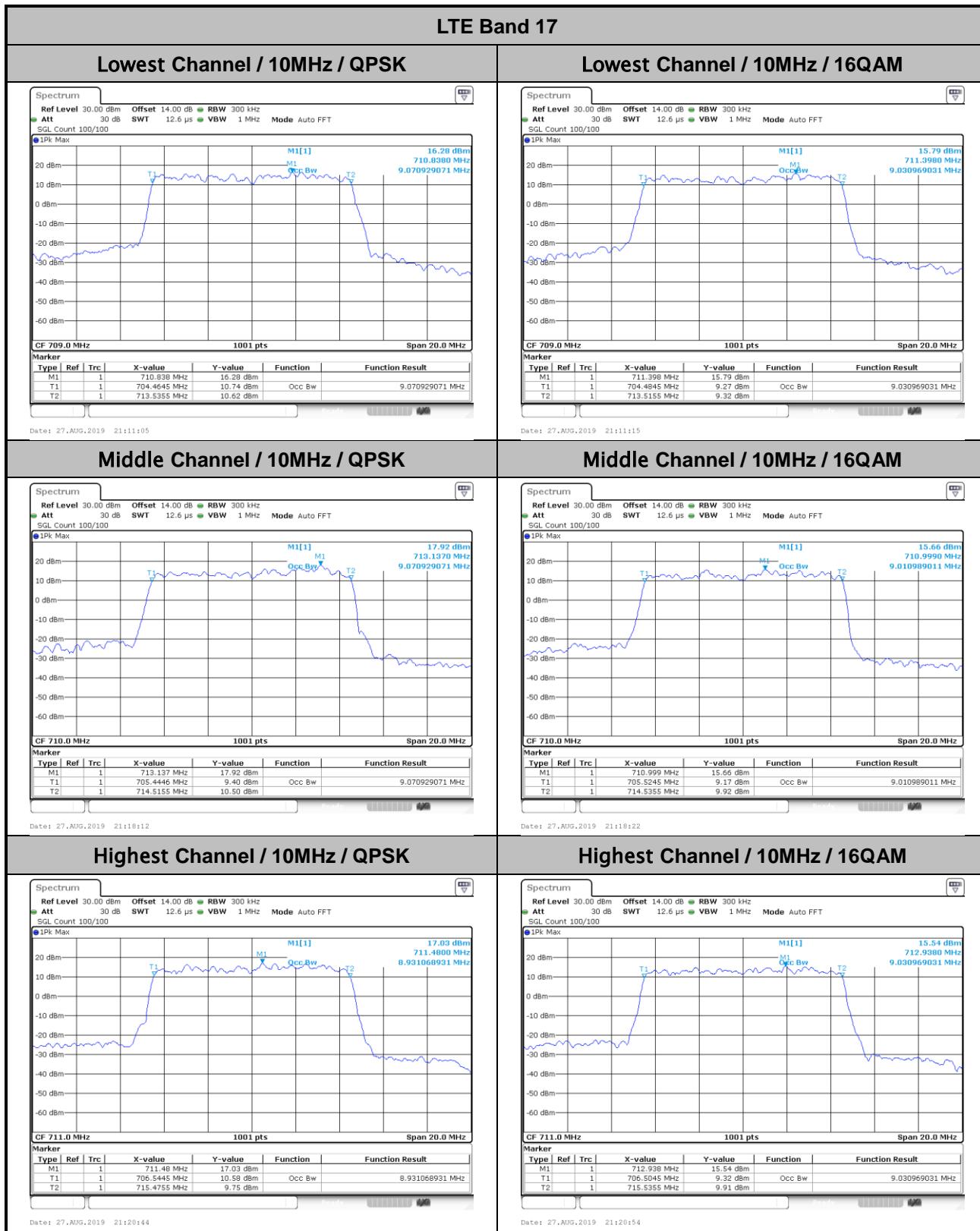




**Occupied Bandwidth**

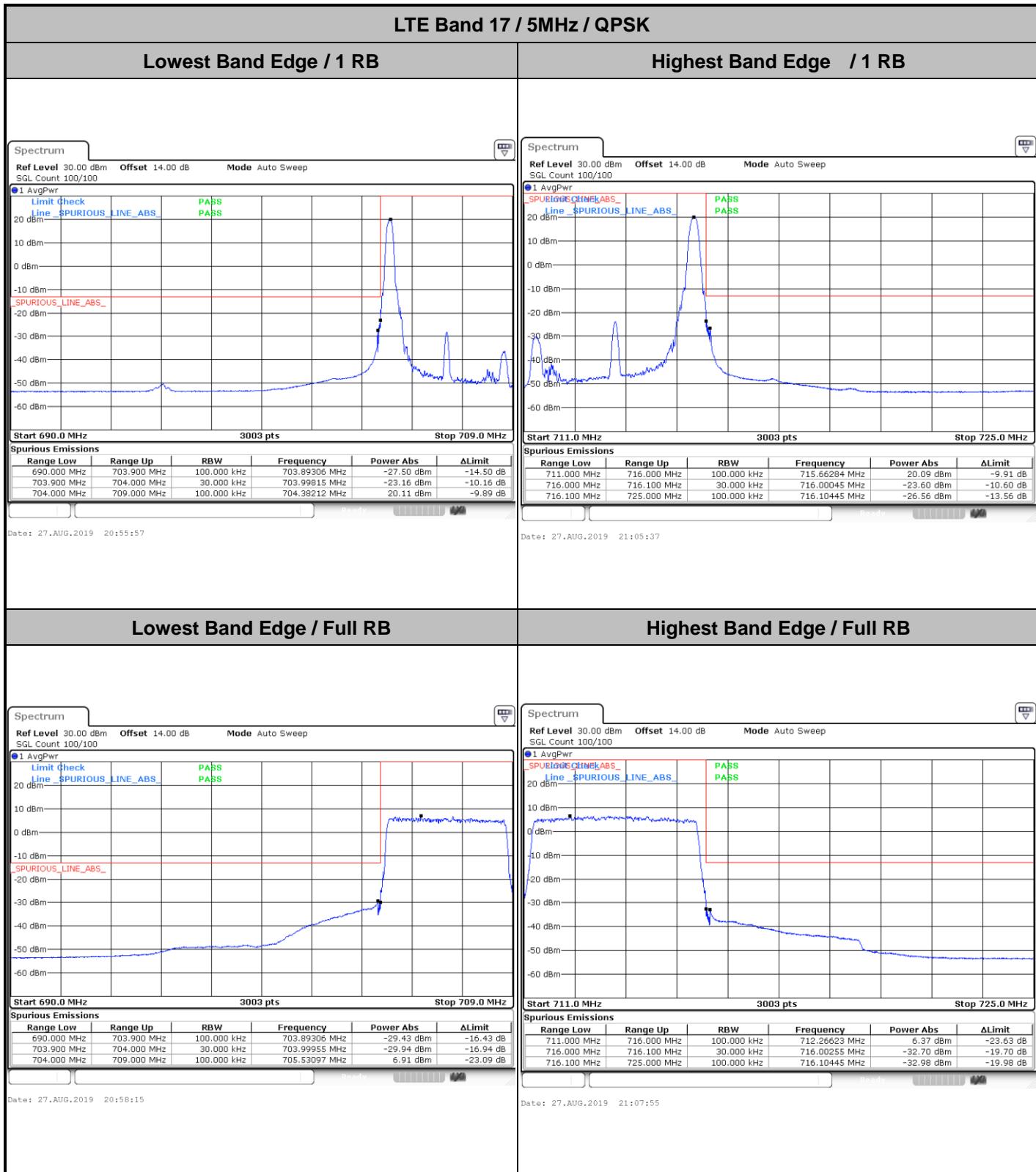
Mode	LTE Band 17 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.47	4.49	9.07	9.03	-	-	-	-
Middle CH	-	-	-	-	4.47	4.49	9.07	9.01	-	-	-	-
Highest CH	-	-	-	-	4.5	4.47	8.93	9.03	-	-	-	-

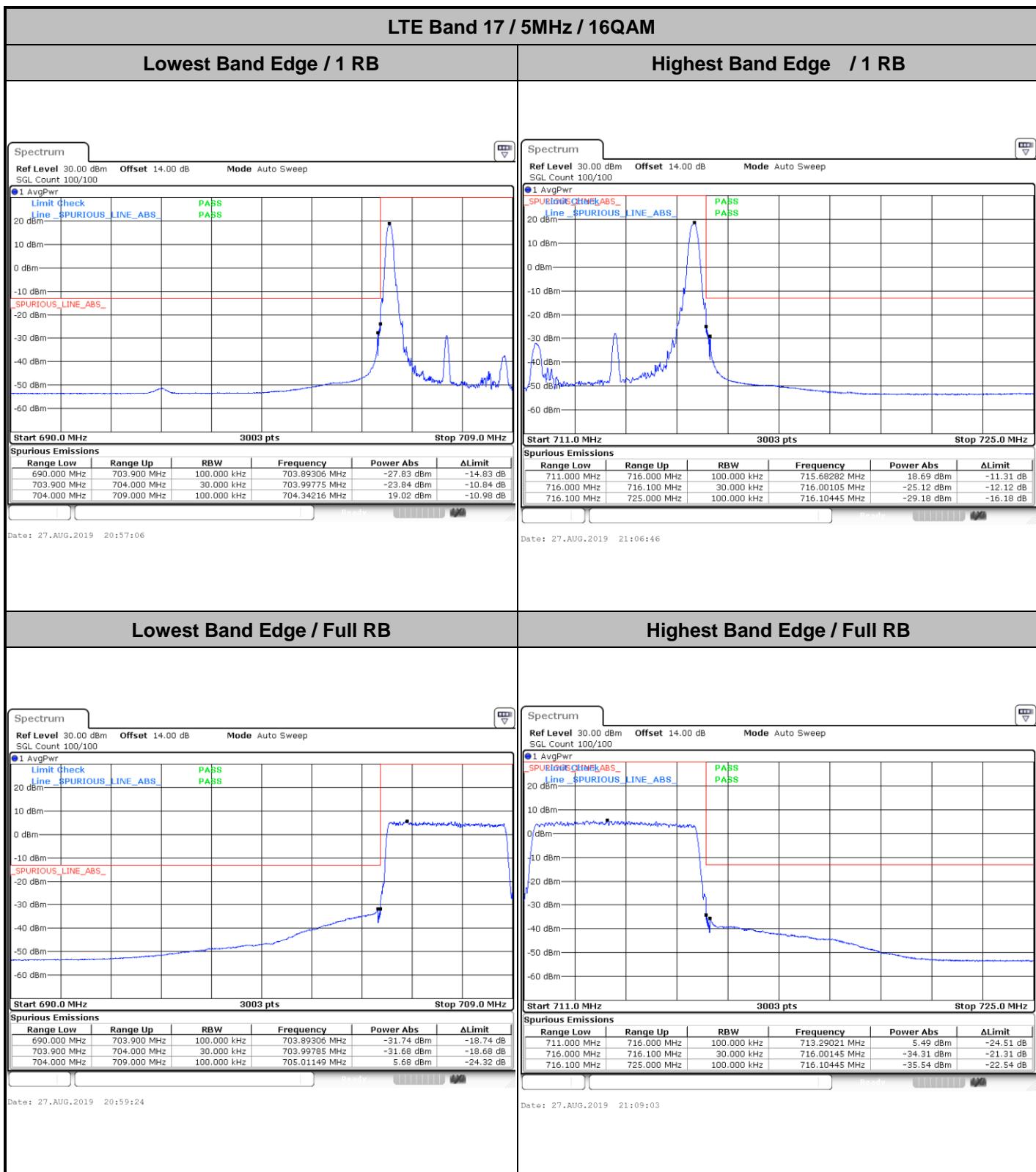


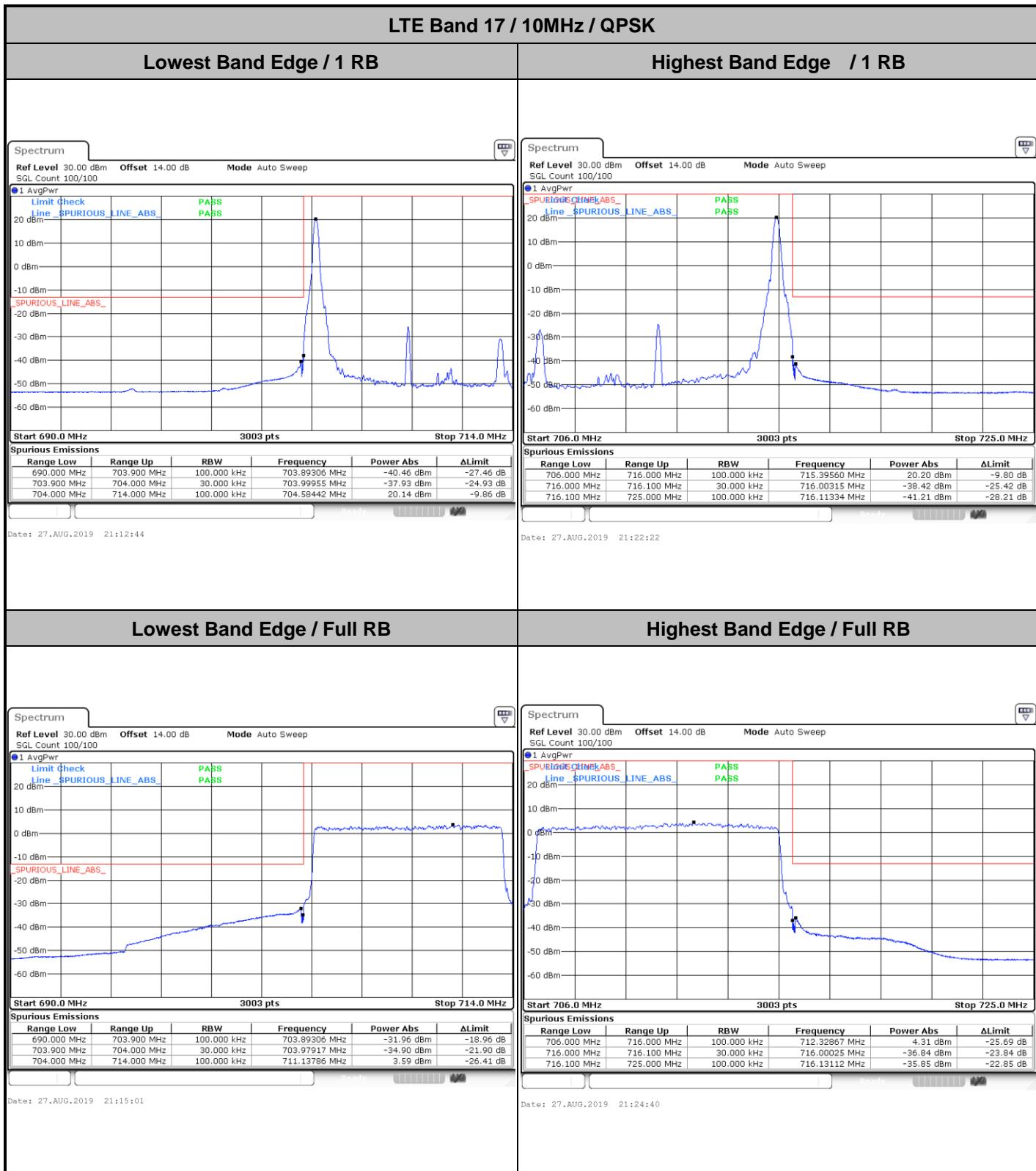


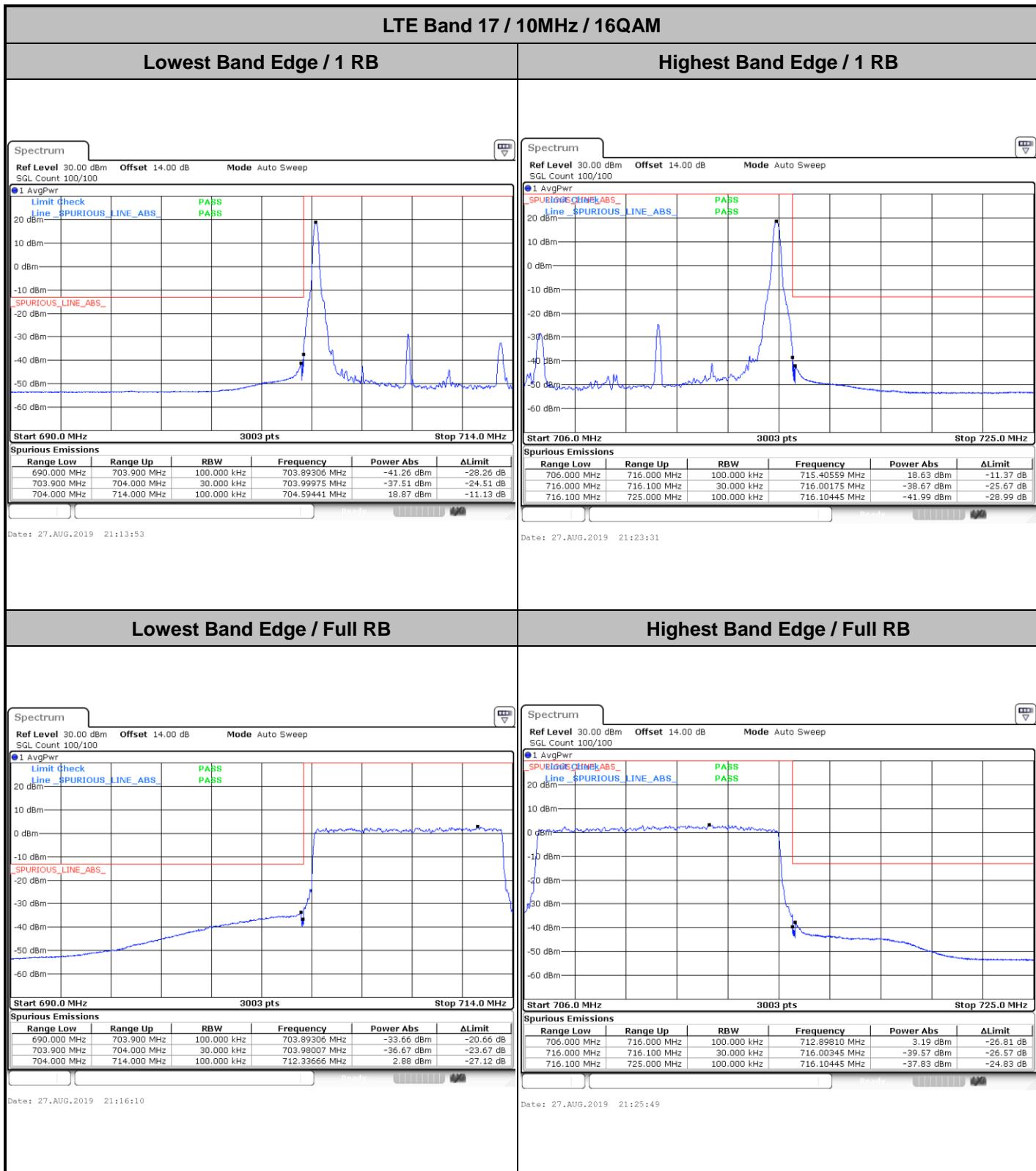


Conducted Band Edge









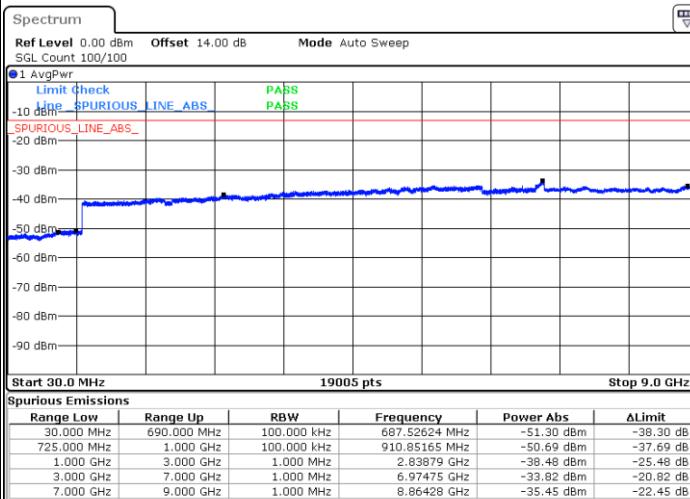
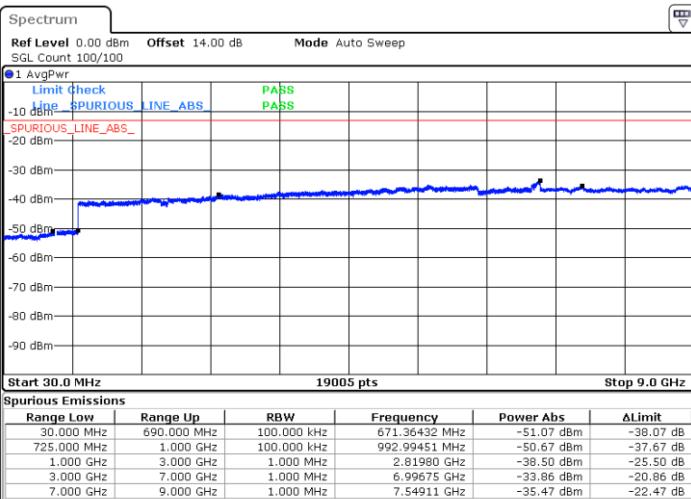


Conducted Spurious Emission

LTE Band 17 / 5MHz

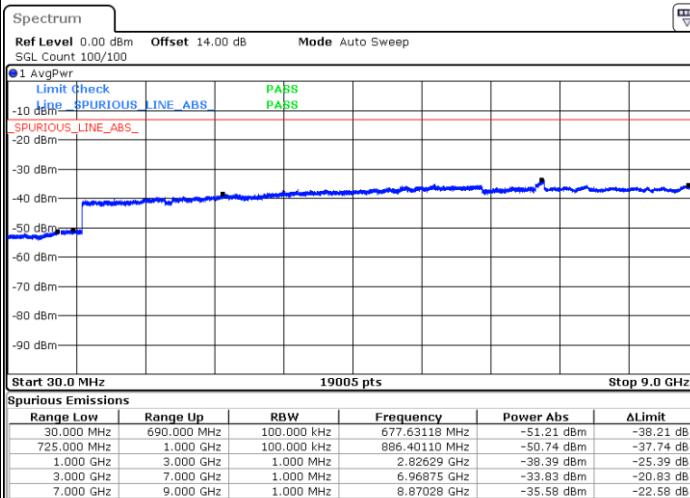
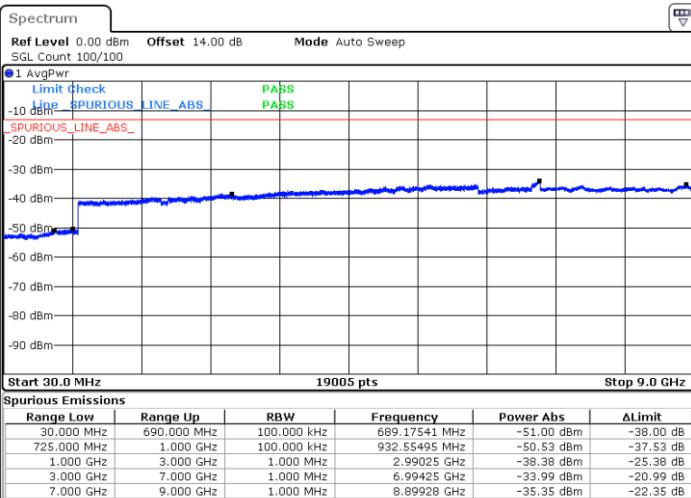
Lowest Channel / QPSK

Lowest Channel / 16QAM



Middle Channel / QPSK

Middle Channel / 16QAM

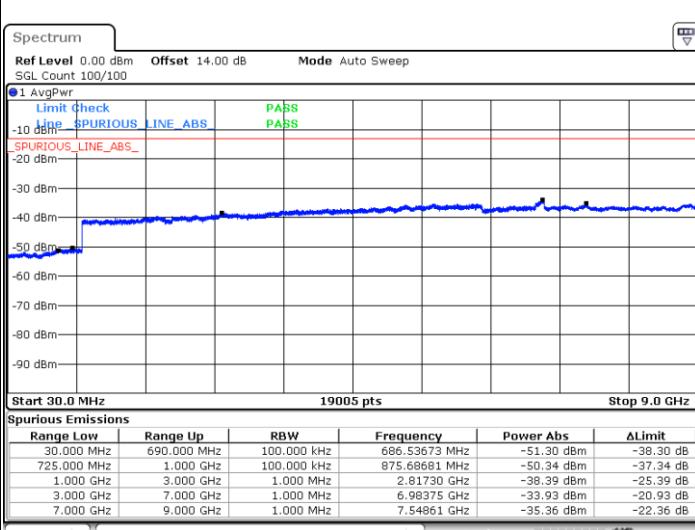
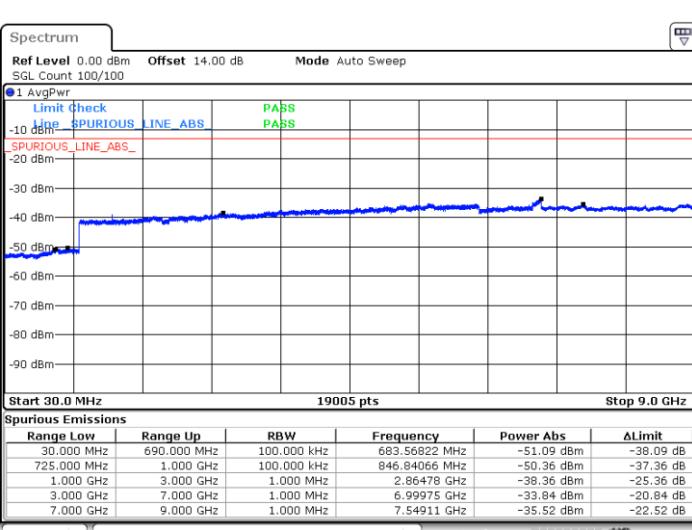




LTE Band 17 / 5MHz

Highest Channel / QPSK

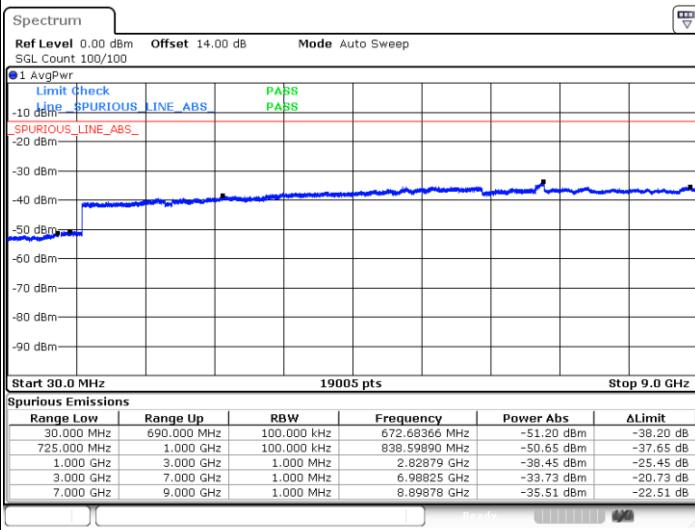
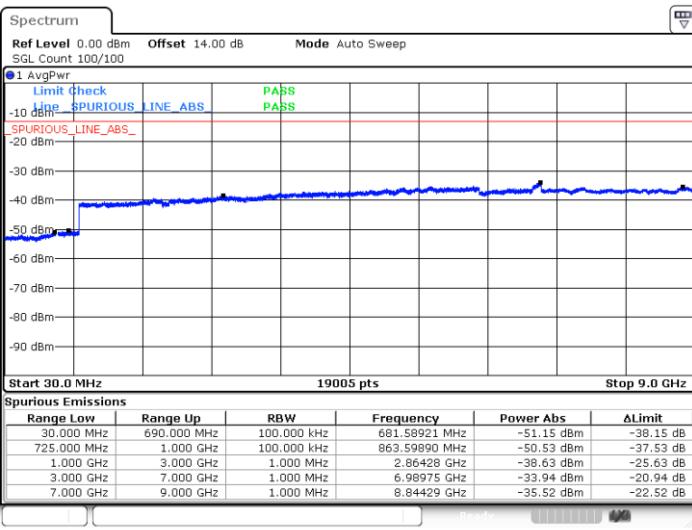
Highest Channel / 16QAM

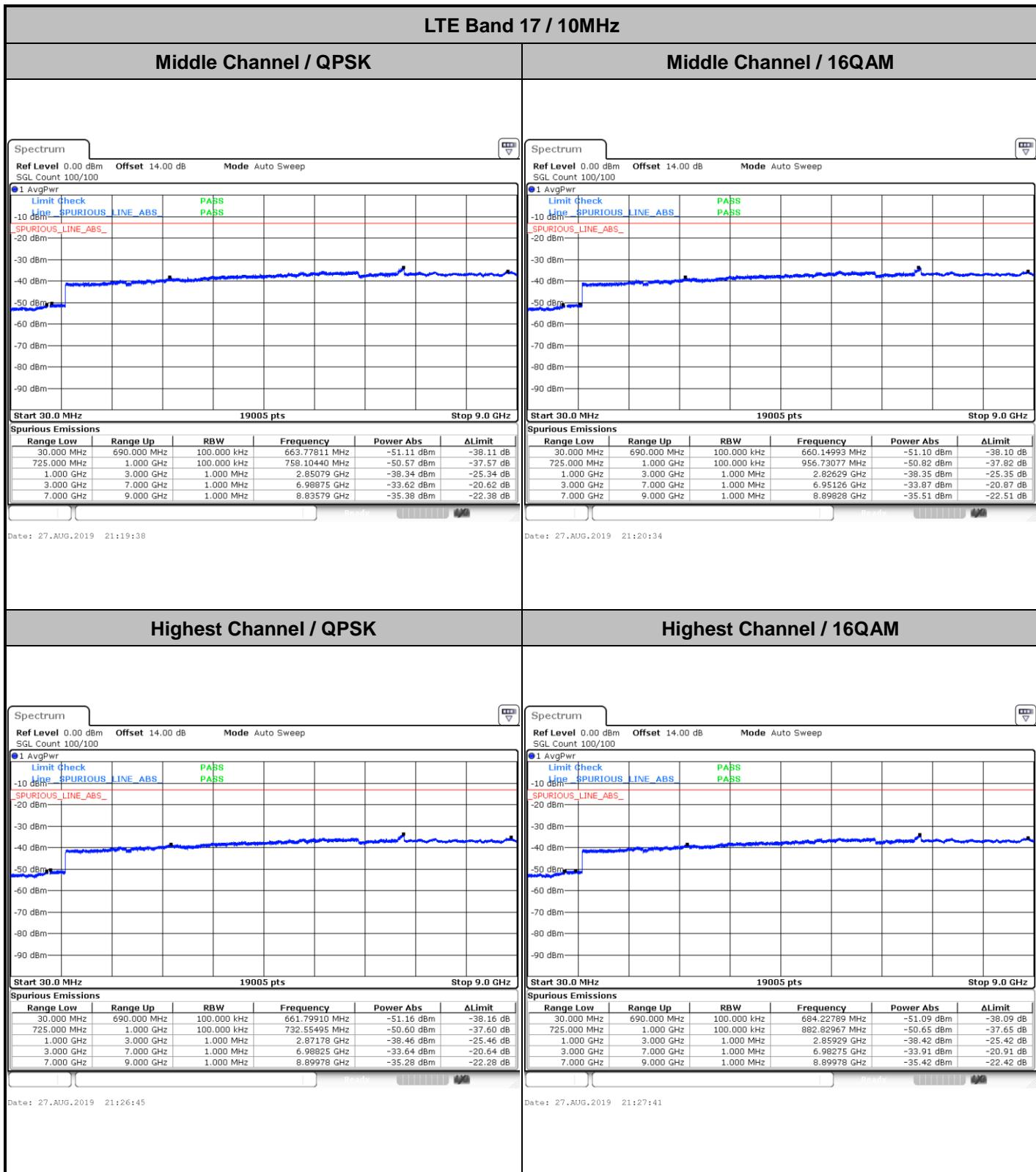


LTE Band 17 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM







Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0030	
30	Normal Voltage	0.0037	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 1.4MHz / 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	3700.32	-46.24	-13	-33.24	-64.03	-53.00	5.82	12.58	H
	5550.48	-31.87	-13	-18.87	-53.12	-37.59	7.28	13.00	H
	7400.64	-49.30	-13	-36.30	-75.34	-52.46	8.32	11.48	H
	9250.8	-52.20	-13	-39.20	-79.92	-54.35	9.83	11.98	H
	11100.96	-50.48	-13	-37.48	-81.01	-51.36	10.88	11.76	H
	3700.32	-47.60	-13	-34.60	-64.72	-54.36	5.82	12.58	V
	5550.48	-37.40	-13	-24.40	-57.89	-43.12	7.28	13.00	V
	7400.64	-51.56	-13	-38.56	-76.89	-54.72	8.32	11.48	V
	9250.8	-53.36	-13	-40.36	-81.73	-55.51	9.83	11.98	V
	11100.96	-50.27	-13	-37.27	-80.7	-51.15	10.88	11.76	V
Middle	3758.92	-50.60	-13	-37.60	-68.55	-57.35	5.85	12.60	H
	5638.38	-39.12	-13	-26.12	-60.31	-44.92	7.30	13.10	H
	7517.84	-53.20	-13	-40.20	-78.51	-56.35	8.35	11.50	H
	9397.3	-50.56	-13	-37.56	-77.87	-52.71	9.85	12.00	H
	3758.92	-51.63	-13	-38.63	-68.81	-58.38	5.85	12.60	V
	5638.38	-45.56	-13	-32.56	-65.69	-51.36	7.30	13.10	V
	7517.84	-53.83	-13	-40.83	-78.54	-56.98	8.35	11.50	V
	9397.3	-50.62	-13	-37.62	-79.27	-52.77	9.85	12.00	V
Highest	3817.52	-44.81	-13	-31.81	-63.01	-51.55	5.88	12.62	H
	5726.28	-36.47	-13	-23.47	-58.08	-42.28	7.32	13.13	H
	7635.04	-49.95	-13	-36.95	-74.75	-53.11	8.38	11.54	H
	3817.52	-50.53	-13	-37.53	-67.88	-57.27	5.88	12.62	V
	5726.28	-41.31	-13	-28.31	-61.99	-47.12	7.32	13.13	V
	7635.04	-50.24	-13	-37.24	-74.53	-53.40	8.38	11.54	V

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



LTE Band 2 / 3MHz / 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	3700.48	-46.44	-13	-33.44	-64.23	-53.20	5.82	12.58	H
	5550.72	-32.77	-13	-19.77	-54.02	-38.49	7.28	13.00	H
	7400.96	-49.76	-13	-36.76	-75.80	-52.92	8.32	11.48	H
	3700.48	-47.10	-13	-34.10	-64.22	-53.86	5.82	12.58	V
	5550.72	-38.14	-13	-25.14	-58.63	-43.86	7.28	13.00	V
	7400.96	-51.47	-13	-38.47	-76.8	-54.63	8.32	11.48	V
Middle	3757.48	-49.89	-13	-36.89	-67.84	-56.64	5.85	12.60	H
	5636.22	-39.15	-13	-26.15	-60.34	-44.95	7.30	13.10	H
	7514.96	-53.38	-13	-40.38	-78.69	-56.53	8.35	11.50	H
	3757.48	-51.61	-13	-38.61	-68.79	-58.36	5.85	12.60	V
	5636.22	-46.25	-13	-33.25	-66.38	-52.05	7.30	13.10	V
	7514.96	-54.64	-13	-41.64	-79.35	-57.79	8.35	11.50	V
Highest	3814.48	-46.81	-13	-33.81	-65.01	-53.55	5.88	12.62	H
	5721.72	-38.13	-13	-25.13	-59.74	-43.94	7.32	13.13	H
	7628.96	-50.41	-13	-37.41	-75.21	-53.57	8.38	11.54	H
	3814.48	-52.06	-13	-39.06	-69.41	-58.80	5.88	12.62	V
	5721.72	-43.90	-13	-30.90	-64.58	-49.71	7.32	13.13	V
	7628.96	-52.32	-13	-39.32	-76.61	-55.48	8.38	11.54	V

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



LTE Band 2 / 5MHz / 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	3700.68	-46.31	-13	-33.31	-64.10	-53.07	5.82	12.58	H
	5551.02	-32.44	-13	-19.44	-53.69	-38.16	7.28	13.00	H
	7401.36	-49.28	-13	-36.28	-75.32	-52.44	8.32	11.48	H
	3700.68	-47.17	-13	-34.17	-64.29	-53.93	5.82	12.58	V
	5551.02	-38.15	-13	-25.15	-58.64	-43.87	7.28	13.00	V
	7401.36	-51.44	-13	-38.44	-76.77	-54.60	8.32	11.48	V
Middle	3755.68	-50.79	-13	-37.79	-68.74	-57.54	5.85	12.60	H
	5633.52	-39.56	-13	-26.56	-60.75	-45.36	7.30	13.10	H
	7511.36	-53.89	-13	-40.89	-79.20	-57.04	8.35	11.50	H
	3755.68	-52.37	-13	-39.37	-69.55	-59.12	5.85	12.60	V
	5633.52	-45.87	-13	-32.87	-66	-51.67	7.30	13.10	V
	7511.36	-54.66	-13	-41.66	-79.37	-57.81	8.35	11.50	V
Highest	3810.68	-46.81	-13	-33.81	-64.92	-53.55	5.88	12.62	H
	5716.02	-38.87	-13	-25.87	-60.41	-44.68	7.32	13.13	H
	7621.36	-52.52	-13	-39.52	-77.29	-55.68	8.38	11.54	H
	3810.68	-51.00	-13	-38.00	-68.24	-57.74	5.88	12.62	V
	5716.02	-44.12	-13	-31.12	-64.7	-49.93	7.32	13.13	V
	7621.36	-53.20	-13	-40.20	-77.46	-56.36	8.38	11.54	V

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



LTE Band 2 / 10MHz / 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	3701.18	-46.44	-13	-33.44	-64.23	-53.20	5.82	12.58	H
	5551.77	-32.75	-13	-19.75	-54.01	-38.47	7.28	13.00	H
	7402.36	-49.21	-13	-36.21	-75.25	-52.37	8.32	11.48	H
	3701.18	-46.71	-13	-33.71	-63.83	-53.47	5.82	12.58	V
	5551.77	-37.98	-13	-24.98	-58.48	-43.70	7.28	13.00	V
	7402.36	-51.68	-13	-38.68	-77.01	-54.84	8.32	11.48	V
Middle	3751.18	-49.77	-13	-36.77	-67.72	-56.52	5.85	12.60	H
	5626.77	-39.91	-13	-26.91	-61.12	-45.71	7.30	13.10	H
	7502	-53.66	-13	-40.66	-79.08	-56.81	8.35	11.50	H
	3751.18	-51.97	-13	-38.97	-69.15	-58.72	5.85	12.60	V
	5626.77	-44.60	-13	-31.60	-64.95	-50.40	7.30	13.10	V
	7502	-54.18	-13	-41.18	-78.99	-57.33	8.35	11.50	V
Highest	3801.18	-43.32	-13	-30.32	-61.43	-50.06	5.88	12.62	H
	5701.77	-34.97	-13	-21.97	-56.50	-40.78	7.32	13.13	H
	7602.36	-52.58	-13	-39.58	-77.31	-55.74	8.38	11.54	H
	3801.18	-47.94	-13	-34.94	-65.18	-54.68	5.88	12.62	V
	5701.77	-40.10	-13	-27.10	-60.67	-45.91	7.32	13.13	V
	7602.36	-51.92	-13	-38.92	-76.15	-55.08	8.38	11.54	V

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



LTE Band 2 / 15MHz / 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	3701.68	-50.21	-13	-37.21	-68.00	-56.97	5.82	12.58	H
	5552.52	-36.52	-13	-23.52	-57.78	-42.24	7.28	13.00	H
	7403.36	-51.05	-13	-38.05	-77.09	-54.21	8.32	11.48	H
	3701.68	-53.30	-13	-40.30	-70.42	-60.06	5.82	12.58	V
	5552.52	-45.38	-13	-32.38	-65.88	-51.10	7.28	13.00	V
	7403.36	-52.87	-13	-39.87	-78.2	-56.03	8.32	11.48	V
Middle	3746.68	-46.36	-13	-33.36	-64.31	-53.11	5.85	12.60	H
	5620.02	-34.40	-13	-21.40	-55.61	-40.20	7.30	13.10	H
	7493.36	-48.60	-13	-35.60	-74.02	-51.75	8.35	11.50	H
	3746.68	-49.93	-13	-36.93	-67.11	-56.68	5.85	12.60	V
	5620.02	-41.77	-13	-28.77	-62.12	-47.57	7.30	13.10	V
	7493.36	-49.23	-13	-36.23	-74.04	-52.38	8.35	11.50	V
Highest	3791.68	-45.50	-13	-32.50	-63.55	-52.24	5.88	12.62	H
	5687.52	-35.00	-13	-22.00	-56.45	-40.81	7.32	13.13	H
	7583.36	-48.62	-13	-35.62	-73.47	-51.78	8.38	11.54	H
	3791.68	-50.64	-13	-37.64	-67.86	-57.38	5.88	12.62	V
	5687.52	-41.42	-13	-28.42	-61.88	-47.23	7.32	13.13	V
	7583.36	-46.50	-13	-33.50	-70.83	-49.66	8.38	11.54	V

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



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	3702.18	-50.57	-13	-37.57	-68.36	-57.33	5.82	12.58	H
	5553.27	-38.32	-13	-25.32	-59.58	-44.04	7.28	13.00	H
	7404.36	-50.91	-13	-37.91	-76.95	-54.07	8.32	11.48	H
	3702.18	-53.25	-13	-40.25	-70.37	-60.01	5.82	12.58	V
	5553.27	-46.35	-13	-33.35	-66.85	-52.07	7.28	13.00	V
	7404.36	-52.87	-13	-39.87	-78.2	-56.03	8.32	11.48	V
Middle	3742.18	-45.79	-13	-32.79	-63.68	-52.54	5.85	12.60	H
	5613.27	-35.46	-13	-22.46	-56.70	-41.26	7.30	13.10	H
	7484.36	-49.87	-13	-36.87	-75.42	-53.02	8.35	11.50	H
	3742.18	-50.60	-13	-37.60	-67.76	-57.35	5.85	12.60	V
	5613.27	-41.81	-13	-28.81	-62.4	-47.61	7.30	13.10	V
	7484.36	-48.90	-13	-35.90	-73.81	-52.05	8.35	11.50	V
Highest	3782.18	-47.53	-13	-34.53	-65.58	-54.27	5.88	12.62	H
	5673.27	-37.98	-13	-24.98	-59.34	-43.79	7.32	13.13	H
	7564.36	-47.92	-13	-34.92	-72.88	-51.08	8.38	11.54	H
	3782.18	-53.31	-13	-40.31	-70.53	-60.05	5.88	12.62	V
	5673.27	-44.31	-13	-31.31	-64.66	-50.12	7.32	13.13	V
	7564.36	-50.15	-13	-37.15	-74.57	-53.31	8.38	11.54	V

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



LTE Band 4 / 1.4MHz / 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	3420.32	-48.63	-13	-35.63	-63.66	-55.51	5.60	12.48	H
	5130.48	-40.17	-13	-27.17	-61.65	-45.85	7.10	12.78	H
	6840.64	-40.63	-13	-27.63	-64.34	-44.02	8.38	11.77	H
	3420.32	-53.81	-13	-40.81	-68.34	-60.69	5.60	12.48	V
	5130.48	-44.94	-13	-31.94	-65.64	-50.62	7.10	12.78	V
	6840.64	-43.94	-13	-30.94	-66.77	-47.33	8.38	11.77	V
Middle	3463.74	-52.70	-13	-39.70	-68.41	-59.55	5.65	12.50	H
	5195.61	-41.63	-13	-28.63	-63.20	-47.30	7.13	12.80	H
	6927.48	-44.69	-13	-31.69	-68.20	-48.09	8.40	11.80	H
	3463.74	-53.91	-13	-40.91	-69.13	-60.76	5.65	12.50	V
	5195.61	-48.02	-13	-35.02	-68.52	-53.69	7.13	12.80	V
	6927.48	-48.14	-13	-35.14	-71.27	-51.54	8.40	11.80	V
Highest	3507.52	-54.65	-13	-41.65	-71.04	-61.49	5.68	12.52	H
	5261.28	-40.35	-13	-27.35	-60.74	-46.02	7.15	12.82	H
	7015.04	-45.35	-13	-32.35	-68.88	-48.78	8.42	11.85	H
	3507.52	-53.64	-13	-40.64	-69.55	-60.48	5.68	12.52	V
	5261.28	-47.13	-13	-34.13	-66.45	-52.80	7.15	12.82	V
	7015.04	-46.92	-13	-33.92	-70.41	-50.35	8.42	11.85	V

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



LTE Band 4 / 3MHz / 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	3420.48	-48.33	-13	-35.33	-63.36	-55.21	5.60	12.48	H
	5130.72	-39.72	-13	-26.72	-61.20	-45.40	7.10	12.78	H
	6840.96	-40.86	-13	-27.86	-64.57	-44.25	8.38	11.77	H
	3420.48	-53.42	-13	-40.42	-67.95	-60.30	5.60	12.48	V
	5130.72	-45.35	-13	-32.35	-66.05	-51.03	7.10	12.78	V
	6840.96	-44.78	-13	-31.78	-67.61	-48.17	8.38	11.77	V
Middle	3462.48	-52.84	-13	-39.84	-68.55	-59.69	5.65	12.50	H
	5193.72	-41.04	-13	-28.04	-62.63	-46.71	7.13	12.80	H
	6924.96	-45.35	-13	-32.35	-68.86	-48.75	8.40	11.80	H
	3462.48	-54.58	-13	-41.58	-69.8	-61.43	5.65	12.50	V
	5193.72	-47.38	-13	-34.38	-67.9	-53.05	7.13	12.80	V
	6924.96	-48.52	-13	-35.52	-71.65	-51.92	8.40	11.80	V
Highest	3504.48	-53.28	-13	-40.28	-69.45	-60.12	5.68	12.52	H
	5256.72	-39.51	-13	-26.51	-59.76	-45.18	7.15	12.82	H
	7008.96	-44.66	-13	-31.66	-67.98	-48.09	8.42	11.85	H
	3504.48	-52.23	-13	-39.23	-67.92	-59.07	5.68	12.52	V
	5256.72	-44.34	-13	-31.34	-63.53	-50.01	7.15	12.82	V
	7008.96	-45.39	-13	-32.39	-68.73	-48.82	8.42	11.85	V

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



LTE Band 4 / 5MHz / 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	3420.68	-49.51	-13	-36.51	-64.54	-56.39	5.60	12.48	H
	5131.02	-39.46	-13	-26.46	-60.94	-45.14	7.10	12.78	H
	6841.36	-41.20	-13	-28.20	-64.91	-44.59	8.38	11.77	H
	3420.68	-53.14	-13	-40.14	-67.67	-60.02	5.60	12.48	V
	5131.02	-44.92	-13	-31.92	-65.62	-50.60	7.10	12.78	V
	6841.36	-44.45	-13	-31.45	-67.28	-47.84	8.38	11.77	V
Middle	3460.68	-53.62	-13	-40.62	-69.32	-60.47	5.65	12.50	H
	5191.02	-41.55	-13	-28.55	-63.14	-47.22	7.13	12.80	H
	6921.36	-45.72	-13	-32.72	-69.25	-49.12	8.40	11.80	H
	3460.68	-53.89	-13	-40.89	-69.1	-60.74	5.65	12.50	V
	5191.02	-47.03	-13	-34.03	-67.55	-52.70	7.13	12.80	V
	6921.36	-48.50	-13	-35.50	-71.55	-51.90	8.40	11.80	V
Highest	3500.68	-52.87	-13	-39.87	-69.04	-59.71	5.68	12.52	H
	5251.02	-37.58	-13	-24.58	-57.83	-43.25	7.15	12.82	H
	7001.36	-44.68	-13	-31.68	-68.01	-48.11	8.42	11.85	H
	3500.68	-52.04	-13	-39.04	-67.73	-58.88	5.68	12.52	V
	5251.02	-44.02	-13	-31.02	-63.21	-49.69	7.15	12.82	V
	7001.36	-46.41	-13	-33.41	-69.76	-49.84	8.42	11.85	V

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



LTE Band 4 / 10MHz / 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	3421.18	-48.47	-13	-35.47	-63.50	-55.35	5.60	12.48	H
	5131.77	-39.24	-13	-26.24	-60.72	-44.92	7.10	12.78	H
	6842.36	-40.56	-13	-27.56	-64.27	-43.95	8.38	11.77	H
	3421.18	-53.67	-13	-40.67	-68.2	-60.55	5.60	12.48	V
	5131.77	-44.66	-13	-31.66	-65.36	-50.34	7.10	12.78	V
	6842.36	-43.83	-13	-30.83	-66.66	-47.22	8.38	11.77	V
Middle	3456.18	-54.41	-13	-41.41	-69.89	-61.26	5.65	12.50	H
	5184.27	-42.03	-13	-29.03	-63.58	-47.70	7.13	12.80	H
	6912.36	-44.44	-13	-31.44	-67.97	-47.84	8.40	11.80	H
	3456.18	-54.46	-13	-41.46	-69.45	-61.31	5.65	12.50	V
	5184.27	-47.01	-13	-34.01	-67.56	-52.68	7.13	12.80	V
	6912.36	-45.72	-13	-32.72	-68.77	-49.12	8.40	11.80	V
Highest	3491.18	-49.98	-13	-36.98	-66.15	-56.82	5.68	12.52	H
	5236.77	-37.77	-13	-24.77	-58.47	-43.44	7.15	12.82	H
	6982.36	-42.90	-13	-29.90	-66.25	-46.33	8.42	11.85	H
	3491.18	-50.96	-13	-37.96	-66.65	-57.80	5.68	12.52	V
	5236.77	-44.89	-13	-31.89	-64.52	-50.56	7.15	12.82	V
	6982.36	-45.45	-13	-32.45	-68.72	-48.88	8.42	11.85	V

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



LTE Band 4 / 15MHz / 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	3421.68	-48.87	-13	-35.87	-63.90	-55.75	5.60	12.48	H
	5132.52	-39.45	-13	-26.45	-60.93	-45.13	7.10	12.78	H
	6843.36	-41.08	-13	-28.08	-64.79	-44.47	8.38	11.77	H
	3421.68	-51.90	-13	-38.90	-66.43	-58.78	5.60	12.48	V
	5132.52	-44.62	-13	-31.62	-65.32	-50.30	7.10	12.78	V
	6843.36	-44.03	-13	-31.03	-66.86	-47.42	8.38	11.77	V
Middle	3451.68	-55.30	-13	-42.30	-70.78	-62.15	5.65	12.50	H
	5177.52	-41.90	-13	-28.90	-63.45	-47.57	7.13	12.80	H
	6903.36	-45.17	-13	-32.17	-68.72	-48.57	8.40	11.80	H
	3451.68	-54.59	-13	-41.59	-69.58	-61.44	5.65	12.50	V
	5177.52	-47.24	-13	-34.24	-67.79	-52.91	7.13	12.80	V
	6903.36	-47.22	-13	-34.22	-70.18	-50.62	8.40	11.80	V
Highest	3481.68	-49.74	-13	-36.74	-65.67	-56.58	5.68	12.52	H
	5222.52	-38.39	-13	-25.39	-59.52	-44.06	7.15	12.82	H
	6963.36	-43.82	-13	-30.82	-67.23	-47.25	8.42	11.85	H
	3481.68	-51.78	-13	-38.78	-67.22	-58.62	5.68	12.52	V
	5222.52	-43.45	-13	-30.45	-63.51	-49.12	7.15	12.82	V
	6963.36	-45.71	-13	-32.71	-68.93	-49.14	8.42	11.85	V

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



LTE Band 4 / 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	3422.18	-49.07	-13	-36.07	-64.10	-55.95	5.60	12.48	H
	5133.27	-39.25	-13	-26.25	-60.73	-44.93	7.10	12.78	H
	6844.36	-40.78	-13	-27.78	-64.49	-44.17	8.38	11.77	H
	3422.18	-53.50	-13	-40.50	-68.03	-60.38	5.60	12.48	V
	5133.27	-44.42	-13	-31.42	-65.12	-50.10	7.10	12.78	V
	6844.36	-44.85	-13	-31.85	-67.68	-48.24	8.38	11.77	V
Middle	3447.18	-53.18	-13	-40.18	-68.66	-60.03	5.65	12.50	H
	5170.77	-41.53	-13	-28.53	-63.05	-47.20	7.13	12.80	H
	6894.36	-43.80	-13	-30.80	-67.39	-47.20	8.40	11.80	H
	3447.18	-54.84	-13	-41.84	-69.83	-61.69	5.65	12.50	V
	5170.77	-48.08	-13	-35.08	-68.67	-53.75	7.13	12.80	V
	6894.36	-45.54	-13	-32.54	-68.54	-48.94	8.40	11.80	V
Highest	3472.18	-49.85	-13	-36.85	-65.56	-56.69	5.68	12.52	H
	5208.27	-40.36	-13	-27.36	-61.50	-46.03	7.15	12.82	H
	6944.36	-42.91	-13	-29.91	-66.36	-46.34	8.42	11.85	H
	3472.18	-53.53	-13	-40.53	-68.75	-60.37	5.68	12.52	V
	5208.27	-46.36	-13	-33.36	-66.43	-52.03	7.15	12.82	V
	6944.36	-47.84	-13	-34.84	-71.01	-51.27	8.42	11.85	V

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



LTE Band 5 / 1.4MHz / 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	1649.92	-39.58	-13	-26.58	-49.17	-42.81	3.98	9.36	H
	2474.88	-58.99	-13	-45.99	-72.50	-62.54	4.85	10.55	H
	3299.84	-58.76	-13	-45.76	-74.47	-63.69	5.50	12.58	H
	4124.8	-55.71	-13	-42.71	-74.63	-60.18	5.98	12.60	H
	4949.76	-56.81	-13	-43.81	-77.92	-60.24	7.10	12.68	H
	5774.72	-56.12	-13	-43.12	-77.99	-59.27	7.60	12.90	H
	1649.92	-39.78	-13	-26.78	-48.85	-43.01	3.98	9.36	V
	2474.88	-60.48	-13	-47.48	-73.79	-64.03	4.85	10.55	V
	3299.84	-60.64	-13	-47.64	-75.96	-65.57	5.50	12.58	V
	4124.8	-54.83	-13	-41.83	-72.83	-59.30	5.98	12.60	V
	4949.76	-58.40	-13	-45.40	-79.03	-61.83	7.10	12.68	V
	5774.72	-59.31	-13	-46.31	-80.33	-62.46	7.60	12.90	V
Middle	1671.92	-45.04	-13	-32.04	-55.01	-48.29	4.00	9.40	H
	2507.88	-57.86	-13	-44.86	-71.36	-61.43	4.88	10.60	H
	3343.84	-58.56	-13	-45.56	-74.17	-63.49	5.52	12.60	H
	4179.8	-53.47	-13	-40.47	-72.33	-57.94	6.00	12.62	H
	5015.76	-57.01	-13	-44.01	-78.33	-60.42	7.14	12.70	H
	1671.92	-44.10	-13	-31.10	-53.56	-47.35	4.00	9.40	V
	2507.88	-58.94	-13	-45.94	-72.27	-62.51	4.88	10.60	V
	3343.84	-58.60	-13	-45.60	-73.77	-63.53	5.52	12.60	V
	4179.8	-54.11	-13	-41.11	-71.97	-58.58	6.00	12.62	V
	5015.76	-59.07	-13	-46.07	-80.11	-62.48	7.14	12.70	V
Highest	1695.52	-50.98	-13	-37.98	-61.12	-54.15	4.10	9.42	H
	2543.28	-61.44	-13	-48.44	-74.96	-65.02	4.90	10.63	H
	3391.04	-60.08	-13	-47.08	-74.87	-65.00	5.55	12.62	H
	4238.8	-56.83	-13	-43.83	-75.72	-61.31	6.02	12.65	H
	1695.52	-50.69	-13	-37.69	-60.33	-53.86	4.10	9.42	V
	2543.28	-60.11	-13	-47.11	-73.37	-63.69	4.90	10.63	V
	3391.04	-59.02	-13	-46.02	-73.30	-63.94	5.55	12.62	V
	4238.8	-57.65	-13	-44.65	-75.54	-62.13	6.02	12.65	V

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



LTE Band 5 / 3MHz / 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	1648.48	-40.34	-13	-27.34	-49.93	-43.57	3.98	9.36	H
	2472.72	-58.74	-13	-45.74	-72.25	-62.29	4.85	10.55	H
	3296.96	-59.73	-13	-46.73	-75.44	-64.66	5.50	12.58	H
	4121.2	-55.05	-13	-42.05	-73.96	-59.52	5.98	12.60	H
	4945.44	-56.27	-13	-43.27	-77.38	-59.70	7.10	12.68	H
	5769.68	-55.66	-13	-42.66	-77.53	-58.81	7.60	12.90	H
	1648.48	-39.45	-13	-26.45	-48.52	-42.68	3.98	9.36	V
	2472.72	-60.72	-13	-47.72	-74.03	-64.27	4.85	10.55	V
	3296.96	-60.67	-13	-47.67	-75.99	-65.60	5.50	12.58	V
	4121.2	-54.86	-13	-41.86	-72.85	-59.33	5.98	12.60	V
	4945.44	-59.16	-13	-46.16	-79.79	-62.59	7.10	12.68	V
	5769.68	-59.02	-13	-46.02	-80.04	-62.17	7.60	12.90	V
Middle	1670.48	-46.01	-13	-33.01	-55.80	-49.26	4.00	9.40	H
	2505.72	-58.66	-13	-45.66	-72.16	-62.23	4.88	10.60	H
	3340.96	-58.19	-13	-45.19	-73.80	-63.12	5.52	12.60	H
	4176.2	-53.87	-13	-40.87	-72.73	-58.34	6.00	12.62	H
	5011.44	-56.74	-13	-43.74	-78.06	-60.15	7.14	12.70	H
	5846.68	-54.42	-13	-41.42	-77.16	-57.65	7.62	13.00	H
	1670.48	-44.87	-13	-31.87	-54.15	-48.12	4.00	9.40	V
	2505.72	-59.14	-13	-46.14	-72.47	-62.71	4.88	10.60	V
	3340.96	-59.09	-13	-46.09	-74.26	-64.02	5.52	12.60	V
	4176.2	-53.98	-13	-40.98	-71.84	-58.45	6.00	12.62	V
	5011.44	-59.52	-13	-46.52	-80.56	-62.93	7.14	12.70	V
	5846.68	-56.97	-13	-43.97	-78.46	-60.20	7.62	13.00	V
Highest	1692.48	-45.93	-13	-32.93	-56.07	-49.10	4.10	9.42	H
	2538.72	-61.42	-13	-48.42	-74.93	-65.00	4.90	10.63	H
	3384.96	-62.07	-13	-49.07	-77.14	-66.99	5.55	12.62	H
	1692.48	-45.88	-13	-32.88	-55.52	-49.05	4.10	9.42	V
	2538.72	-62.11	-13	-49.11	-75.36	-65.69	4.90	10.63	V
	3384.96	-62.35	-13	-49.35	-76.94	-67.27	5.55	12.62	V

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



LTE Band 5 / 5MHz / 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	1648.68	-41.11	-13	-28.11	-50.70	-44.34	3.98	9.36	H
	2473.02	-59.08	-13	-46.08	-72.59	-62.63	4.85	10.55	H
	3297.36	-59.76	-13	-46.76	-75.47	-64.69	5.50	12.58	H
	4121.7	-55.40	-13	-42.40	-74.31	-59.87	5.98	12.60	H
	1648.68	-40.12	-13	-27.12	-49.19	-43.35	3.98	9.36	V
	2473.02	-60.55	-13	-47.55	-73.86	-64.10	4.85	10.55	V
	3297.36	-60.34	-13	-47.34	-75.66	-65.27	5.50	12.58	V
	4121.7	-54.80	-13	-41.80	-72.79	-59.27	5.98	12.60	V
Middle	1668.68	-47.55	-13	-34.55	-57.34	-50.80	4.00	9.40	H
	2503.02	-59.27	-13	-46.27	-72.78	-62.84	4.88	10.60	H
	3337.36	-59.94	-13	-46.94	-75.59	-64.87	5.52	12.60	H
	4171.7	-54.53	-13	-41.53	-73.38	-59.00	6.00	12.62	H
	5006.04	-58.89	-13	-45.89	-80.21	-62.30	7.14	12.70	H
	5840.38	-55.64	-13	-42.64	-78.38	-58.87	7.62	13.00	H
	1668.68	-46.18	-13	-33.18	-55.46	-49.43	4.00	9.40	V
	2503.02	-59.89	-13	-46.89	-73.22	-63.46	4.88	10.60	V
	3337.36	-58.73	-13	-45.73	-73.96	-63.66	5.52	12.60	V
	4171.7	-52.93	-13	-39.93	-70.78	-57.40	6.00	12.62	V
	5006.04	-59.87	-13	-46.87	-80.91	-63.28	7.14	12.70	V
	5840.38	-57.70	-13	-44.70	-79.19	-60.93	7.62	13.00	V
Highest	1688.68	-42.67	-13	-29.67	-52.81	-45.84	4.10	9.42	H
	2533.02	-61.83	-13	-48.83	-75.34	-65.41	4.90	10.63	H
	3377.36	-61.48	-13	-48.48	-76.53	-66.40	5.55	12.62	H
	4221.7	-56.39	-13	-43.39	-75.26	-60.87	6.02	12.65	H
	1688.68	-42.35	-13	-29.35	-51.99	-45.52	4.10	9.42	V
	2533.02	-61.88	-13	-48.88	-75.18	-65.46	4.90	10.63	V
	3377.36	-60.81	-13	-47.81	-75.38	-65.73	5.55	12.62	V
	4221.7	-58.39	-13	-45.39	-76.27	-62.87	6.02	12.65	V

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



LTE Band 5 / 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	1649.18	-40.13	-13	-27.13	-49.72	-43.36	3.98	9.36	H
	2473.77	-58.92	-13	-45.92	-72.43	-62.47	4.85	10.55	H
	3298.36	-60.29	-13	-47.29	-76.00	-65.22	5.50	12.58	H
	4122.95	-56.08	-13	-43.08	-74.99	-60.55	5.98	12.60	H
	1649.18	-39.71	-13	-26.71	-48.78	-42.94	3.98	9.36	V
	2473.77	-60.21	-13	-47.21	-73.52	-63.76	4.85	10.55	V
	3298.36	-60.59	-13	-47.59	-75.91	-65.52	5.50	12.58	V
	4122.95	-55.59	-13	-42.59	-73.58	-60.06	5.98	12.60	V
Middle	1664.18	-52.64	-13	-39.64	-62.43	-55.89	4.00	9.40	H
	2496.27	-60.85	-13	-47.85	-74.36	-64.42	4.88	10.60	H
	3328.36	-60.35	-13	-47.35	-75.98	-65.28	5.52	12.60	H
	4160.45	-55.85	-13	-42.85	-74.73	-60.32	6.00	12.62	H
	1664.18	-51.76	-13	-38.76	-61.04	-55.01	4.00	9.40	V
	2496.27	-59.93	-13	-46.93	-73.26	-63.50	4.88	10.60	V
	3328.36	-61.29	-13	-48.29	-76.50	-66.22	5.52	12.60	V
	4160.45	-56.61	-13	-43.61	-74.51	-61.08	6.00	12.62	V
Highest	1679.18	-42.16	-13	-29.16	-52.15	-45.33	4.10	9.42	H
	2518.77	-57.30	-13	-44.30	-70.81	-60.88	4.90	10.63	H
	3358.36	-59.12	-13	-46.12	-74.45	-64.04	5.55	12.62	H
	4197.95	-52.05	-13	-39.05	-70.91	-56.53	6.02	12.65	H
	5037.54	-56.35	-13	-43.35	-77.72	-59.77	7.15	12.72	H
	5877.13	-54.87	-13	-41.87	-77.64	-58.10	7.64	13.02	H
	1679.18	-41.26	-13	-28.26	-50.74	-44.43	4.10	9.42	V
	2518.77	-58.42	-13	-45.42	-71.76	-62.00	4.90	10.63	V
	3358.36	-58.32	-13	-45.32	-73.18	-63.24	5.55	12.62	V
	4197.95	-53.27	-13	-40.27	-71.13	-57.75	6.02	12.65	V
	5037.54	-58.96	-13	-45.96	-79.91	-62.38	7.15	12.72	V
	5877.13	-58.39	-13	-45.39	-80.06	-61.62	7.64	13.02	V

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



LTE Band 12 / 1.4MHz / 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	1398.14	-50.12	-13	-37.12	-59.86	-53.35	3.98	9.36	H
	2097.21	-51.96	-13	-38.96	-66.03	-55.51	4.85	10.55	H
	2796.28	-56.99	-13	-43.99	-71.20	-61.92	5.50	12.58	H
	3495.35	-56.77	-13	-43.77	-72.94	-61.24	5.98	12.60	H
	4194.12	-54.38	-13	-41.38	-73.24	-57.81	7.10	12.68	H
	1398.14	-46.98	-13	-33.98	-56.41	-50.21	3.98	9.36	V
	2097.21	-48.82	-13	-35.82	-62.56	-52.37	4.85	10.55	V
	2796.28	-57.54	-13	-44.54	-71.42	-62.47	5.50	12.58	V
	3495.35	-57.55	-13	-44.55	-73.24	-62.02	5.98	12.60	V
	4194.12	-57.62	-13	-44.62	-75.48	-61.05	7.10	12.68	V
Middle	1413.74	-60.13	-13	-47.13	-70.00	-63.38	4.00	9.40	H
	2120.61	-58.29	-13	-45.29	-72.51	-61.86	4.88	10.60	H
	2827.48	-60.20	-13	-47.20	-74.48	-65.13	5.52	12.60	H
	1413.74	-58.12	-13	-45.12	-67.66	-61.37	4.00	9.40	V
	2120.61	-55.26	-13	-42.26	-69.17	-58.83	4.88	10.60	V
	2827.48	-61.23	-13	-48.23	-75.18	-66.16	5.52	12.60	V
Highest	1429.34	-50.22	-13	-37.22	-60.07	-53.39	4.10	9.42	H
	2144.01	-58.92	-13	-45.92	-73.27	-62.50	4.90	10.63	H
	2858.68	-59.54	-13	-46.54	-73.94	-64.46	5.55	12.62	H
	3573.35	-58.27	-13	-45.27	-75.30	-62.75	6.02	12.65	H
	4288.02	-58.29	-13	-45.29	-77.21	-61.71	7.15	12.72	H
	1429.34	-46.71	-13	-33.71	-56.22	-49.88	4.10	9.42	V
	2144.01	-56.37	-13	-43.37	-70.44	-59.95	4.90	10.63	V
	2858.68	-60.36	-13	-47.36	-74.40	-65.28	5.55	12.62	V
	3573.35	-57.76	-13	-44.76	-74.32	-62.24	6.02	12.65	V
	4288.02	-60.77	-13	-47.77	-78.70	-64.19	7.15	12.72	V

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



LTE Band 12 / 3MHz / 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	1398.3	-49.83	-13	-36.83	-59.57	-53.06	3.98	9.36	H
	2097.45	-51.63	-13	-38.63	-65.70	-55.18	4.85	10.55	H
	2796.6	-57.43	-13	-44.43	-71.64	-62.36	5.50	12.58	H
	3495.75	-56.93	-13	-43.93	-73.10	-61.40	5.98	12.60	H
	4194.9	-54.37	-13	-41.37	-73.23	-57.80	7.10	12.68	H
	1398.3	-46.74	-13	-33.74	-56.17	-49.97	3.98	9.36	V
	2097.45	-48.33	-13	-35.33	-62.07	-51.88	4.85	10.55	V
	2796.6	-57.99	-13	-44.99	-71.87	-62.92	5.50	12.58	V
	3495.75	-55.90	-13	-42.90	-71.59	-60.37	5.98	12.60	V
	4194.9	-57.92	-13	-44.92	-75.78	-61.35	7.10	12.68	V
Middle	1412.3	-60.72	-13	-47.72	-70.59	-63.97	4.00	9.40	H
	2118.45	-58.60	-13	-45.60	-72.82	-62.17	4.88	10.60	H
	2824.6	-60.69	-13	-47.69	-74.97	-65.62	5.52	12.60	H
	1412.3	-58.04	-13	-45.04	-67.58	-61.29	4.00	9.40	V
	2118.45	-56.97	-13	-43.97	-70.88	-60.54	4.88	10.60	V
	2824.6	-61.32	-13	-48.32	-75.27	-66.25	5.52	12.60	V
Highest	1426.3	-48.67	-13	-35.67	-58.52	-51.84	4.10	9.42	H
	2139.45	-54.43	-13	-41.43	-68.78	-58.01	4.90	10.63	H
	2852.6	-57.22	-13	-44.22	-71.62	-62.14	5.55	12.62	H
	3565.75	-56.79	-13	-43.79	-73.82	-61.27	6.02	12.65	H
	4278.9	-56.35	-13	-43.35	-75.27	-59.77	7.15	12.72	H
	1426.3	-44.82	-13	-31.82	-54.33	-47.99	4.10	9.42	V
	2139.45	-50.53	-13	-37.53	-64.60	-54.11	4.90	10.63	V
	2852.6	-59.15	-13	-46.15	-73.19	-64.07	5.55	12.62	V
	3565.75	-55.84	-13	-42.84	-72.40	-60.32	6.02	12.65	V
	4278.9	-58.85	-13	-45.85	-76.78	-62.27	7.15	12.72	V

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



LTE Band 12 / 5MHz / 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	1398.5	-50.47	-13	-37.47	-60.21	-53.70	3.98	9.36	H
	2097.75	-51.34	-13	-38.34	-65.41	-54.89	4.85	10.55	H
	2797	-56.89	-13	-43.89	-71.10	-61.82	5.50	12.58	H
	3496.25	-57.22	-13	-44.22	-73.39	-61.69	5.98	12.60	H
	4195.5	-55.31	-13	-42.31	-74.17	-58.74	7.10	12.68	H
	1398.5	-47.67	-13	-34.67	-57.10	-50.90	3.98	9.36	V
	2097.75	-49.41	-13	-36.41	-63.15	-52.96	4.85	10.55	V
	2797	-57.09	-13	-44.09	-70.97	-62.02	5.50	12.58	V
	3496.25	-57.06	-13	-44.06	-72.75	-61.53	5.98	12.60	V
	4195.5	-57.47	-13	-44.47	-75.33	-60.90	7.10	12.68	V
Middle	1410.5	-55.56	-13	-42.56	-65.43	-58.81	4.00	9.40	H
	2115.75	-58.16	-13	-45.16	-72.38	-61.73	4.88	10.60	H
	2821	-60.75	-13	-47.75	-75.02	-65.68	5.52	12.60	H
	1410.5	-51.54	-13	-38.54	-61.08	-54.79	4.00	9.40	V
	2115.75	-56.26	-13	-43.26	-70.17	-59.83	4.88	10.60	V
	2821	-61.32	-13	-48.32	-75.26	-66.25	5.52	12.60	V
Highest	1422.5	-51.67	-13	-38.67	-61.52	-54.84	4.10	9.42	H
	2133.75	-51.84	-13	-38.84	-66.18	-55.42	4.90	10.63	H
	2845	-56.00	-13	-43.00	-70.39	-60.92	5.55	12.62	H
	3556.25	-56.28	-13	-43.28	-73.10	-60.76	6.02	12.65	H
	4267.5	-56.36	-13	-43.36	-75.27	-59.78	7.15	12.72	H
	1422.5	-48.23	-13	-35.23	-57.74	-51.40	4.10	9.42	V
	2133.75	-47.78	-13	-34.78	-61.84	-51.36	4.90	10.63	V
	2845	-58.98	-13	-45.98	-73.01	-63.90	5.55	12.62	V
	3556.25	-54.69	-13	-41.69	-71.04	-59.17	6.02	12.65	V
	4267.5	-59.43	-13	-46.43	-77.34	-62.85	7.15	12.72	V

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



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	1399	-49.77	-13	-36.77	-59.51	-53.00	3.98	9.36	H
	2098.5	-51.64	-13	-38.64	-65.71	-55.19	4.85	10.55	H
	2798	-57.29	-13	-44.29	-71.51	-62.22	5.50	12.58	H
	3497.5	-57.09	-13	-44.09	-73.26	-61.56	5.98	12.60	H
	4197	-53.96	-13	-40.96	-72.82	-57.39	7.10	12.68	H
	1399	-47.01	-13	-34.01	-56.44	-50.24	3.98	9.36	V
	2098.5	-48.71	-13	-35.71	-62.45	-52.26	4.85	10.55	V
	2798	-57.88	-13	-44.88	-71.77	-62.81	5.50	12.58	V
	3496	-56.42	-13	-43.42	-72.11	-60.89	5.98	12.60	V
	4197	-56.97	-13	-43.97	-74.83	-60.40	7.10	12.68	V
Middle	1406	-52.17	-13	-39.17	-62.04	-55.42	4.00	9.40	H
	2109	-56.03	-13	-43.03	-70.10	-59.60	4.88	10.60	H
	2812	-59.24	-13	-46.24	-73.51	-64.17	5.52	12.60	H
	1406	-49.06	-13	-36.06	-58.60	-52.31	4.00	9.40	V
	2109	-51.66	-13	-38.66	-65.40	-55.23	4.88	10.60	V
	2812	-60.75	-13	-47.75	-74.69	-65.68	5.52	12.60	V
Highest	1413	-60.36	-13	-47.36	-70.23	-63.53	4.10	9.42	H
	2119.5	-58.66	-13	-45.66	-72.88	-62.24	4.90	10.63	H
	2826	-60.08	-13	-47.08	-74.36	-65.00	5.55	12.62	H
	1413	-58.24	-13	-45.24	-67.78	-61.41	4.10	9.42	V
	2119.5	-56.35	-13	-43.35	-70.26	-59.93	4.90	10.63	V
	2826	-61.61	-13	-48.61	-75.56	-66.53	5.55	12.62	V

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



LTE Band 13 / 5MHz / 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	1554.5	-51.56	-13	-38.56	-60.79	-54.79	3.98	9.36	H
	2331.75	-61.10	-13	-48.10	-75.12	-64.65	4.85	10.55	H
	3109	-60.17	-13	-47.17	-75.65	-65.10	5.50	12.58	H
	1554.5	-44.75	-13	-31.75	-53.49	-47.98	3.98	9.36	V
	2331.75	-61.16	-13	-48.16	-74.94	-64.71	4.85	10.55	V
	3109	-61.00	-13	-48.00	-76.12	-65.93	5.50	12.58	V
Middle	1559.5	-54.49	-42.15	-12.34	-63.72	-57.74	4.00	9.40	H
	2339.25	-61.56	-13	-48.56	-75.47	-65.13	4.88	10.60	H
	3119	-60.37	-13	-47.37	-75.93	-65.30	5.52	12.60	H
	1559.5	-48.14	-42.15	-5.99	-56.88	-51.39	4.00	9.40	V
	2339.25	-61.77	-13	-48.77	-75.43	-65.34	4.88	10.60	V
	3119	-60.74	-13	-47.74	-75.95	-65.67	5.52	12.60	V
Highest	1564.5	-61.02	-42.15	-18.87	-70.25	-64.19	4.10	9.42	H
	2346.75	-61.76	-13	-48.76	-75.67	-65.34	4.90	10.63	H
	3129	-60.50	-13	-47.50	-76.06	-65.42	5.55	12.62	H
	1564.5	-56.72	-42.15	-14.57	-65.46	-59.89	4.10	9.42	V
	2346.75	-61.58	-13	-48.58	-75.24	-65.16	4.90	10.63	V
	3129	-61.00	-13	-48.00	-76.21	-65.92	5.55	12.62	V

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

LTE Band 13 / 10MHz / 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)
Middle	1559.5	-57.84	-42.15	-15.69	-67.07	-61.09	4.00	9.40	H
	2339.25	-61.34	-13	-48.34	-75.25	-64.91	4.88	10.60	H
	3119	-60.73	-13	-47.73	-76.29	-65.66	5.52	12.60	H
	1559.5	-52.52	-42.15	-10.37	-61.26	-55.77	4.00	9.40	V
	2339.25	-61.53	-13	-48.53	-75.19	-65.10	4.88	10.60	V
	3119	-60.89	-13	-47.89	-76.10	-65.82	5.52	12.60	V

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



LTE Band 17 / 5MHz / 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	1408.68	-54.59	-13	-41.59	-64.46	-57.82	3.98	9.36	H
	2113.02	-57.40	-13	-44.40	-71.49	-60.95	4.85	10.55	H
	2817.36	-60.81	-13	-47.81	-75.08	-65.74	5.50	12.58	H
	1408.68	-50.90	-13	-37.90	-60.44	-54.13	3.98	9.36	V
	2113.02	-55.00	-13	-42.00	-68.76	-58.55	4.85	10.55	V
	2817.36	-61.45	-13	-48.45	-75.39	-66.38	5.50	12.58	V
Middle	1415.68	-59.25	-13	-46.25	-69.12	-62.50	4.00	9.40	H
	2123.58	-55.46	-13	-42.46	-69.68	-59.03	4.88	10.60	H
	2831.36	-59.75	-13	-46.75	-74.09	-64.68	5.52	12.60	H
	3539.2	-58.37	-13	-45.37	-74.97	-62.84	6.00	12.62	H
	4247.04	-58.42	-13	-45.42	-77.31	-61.83	7.14	12.70	H
	1415.68	-57.43	-13	-44.43	-66.97	-60.68	4.00	9.40	V
	2123.58	-53.10	-13	-40.10	-67.01	-56.67	4.88	10.60	V
	2831.36	-60.24	-13	-47.24	-74.23	-65.17	5.52	12.60	V
	3539.2	-58.29	-13	-45.29	-74.41	-62.76	6.00	12.62	V
	4247.04	-59.97	-13	-46.97	-77.86	-63.38	7.14	12.70	V
Highest	1422.68	-53.03	-13	-40.03	-62.88	-56.20	4.10	9.42	H
	2134.02	-50.93	-13	-37.93	-65.27	-54.51	4.90	10.63	H
	2845.36	-56.57	-13	-43.57	-70.96	-61.49	5.55	12.62	H
	3556.7	-55.55	-13	-42.55	-72.37	-60.03	6.02	12.65	H
	4268.04	-56.77	-13	-43.77	-75.68	-60.19	7.15	12.72	H
	4979.38	-56.92	-13	-43.92	-78.16	-60.15	7.64	13.02	H
	1422.68	-49.28	-13	-36.28	-58.79	-52.45	4.10	9.42	V
	2134.02	-49.08	-13	-36.08	-63.14	-52.66	4.90	10.63	V
	2845.36	-58.69	-13	-45.69	-72.72	-63.61	5.55	12.62	V
	3556.7	-55.72	-13	-42.72	-72.07	-60.20	6.02	12.65	V
	4268.04	-58.94	-13	-45.94	-76.85	-62.36	7.15	12.72	V
	4979.38	-58.26	-13	-45.26	-79.20	-61.49	7.64	13.02	V

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



LTE Band 17 / 10MHz / 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	1409.18	-54.86	-13	-41.86	-64.73	-58.09	3.98	9.36	H
	2113.77	-57.42	-13	-44.42	-71.64	-60.97	4.85	10.55	H
	2818.36	-60.73	-13	-47.73	-75.00	-65.66	5.50	12.58	H
	1409.18	-50.96	-13	-37.96	-60.50	-54.19	3.98	9.36	V
	2113.77	-55.57	-13	-42.57	-69.48	-59.12	4.85	10.55	V
	2818.36	-61.39	-13	-48.39	-75.33	-66.32	5.50	12.58	V
Middle	1411.18	-57.06	-13	-44.06	-66.93	-60.31	4.00	9.40	H
	2116.77	-57.92	-13	-44.92	-72.14	-61.49	4.88	10.60	H
	2822.36	-61.26	-13	-48.26	-75.53	-66.19	5.52	12.60	H
	1411.18	-54.34	-13	-41.34	-63.88	-57.59	4.00	9.40	V
	2116.77	-56.29	-13	-43.29	-70.20	-59.86	4.88	10.60	V
	2822.36	-61.42	-13	-48.42	-75.36	-66.35	5.52	12.60	V
Highest	1413.18	-61.56	-13	-48.56	-71.43	-64.73	4.10	9.42	H
	2119.77	-58.68	-13	-45.68	-72.90	-62.26	4.90	10.63	H
	2826.36	-61.08	-13	-48.08	-75.36	-66.00	5.55	12.62	H
	3532.95	-58.95	-13	-45.95	-75.55	-63.43	6.02	12.65	H
	1413.18	-60.66	-13	-47.66	-70.20	-63.83	4.10	9.42	V
	2119.77	-57.63	-13	-44.63	-71.54	-61.21	4.90	10.63	V
	2826.36	-61.24	-13	-48.24	-75.19	-66.16	5.55	12.62	V
	3532.95	-60.27	-13	-47.27	-76.39	-64.75	6.02	12.65	V

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