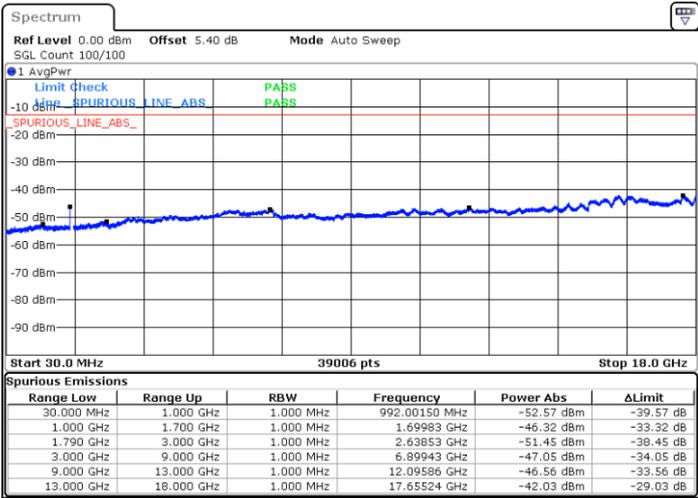




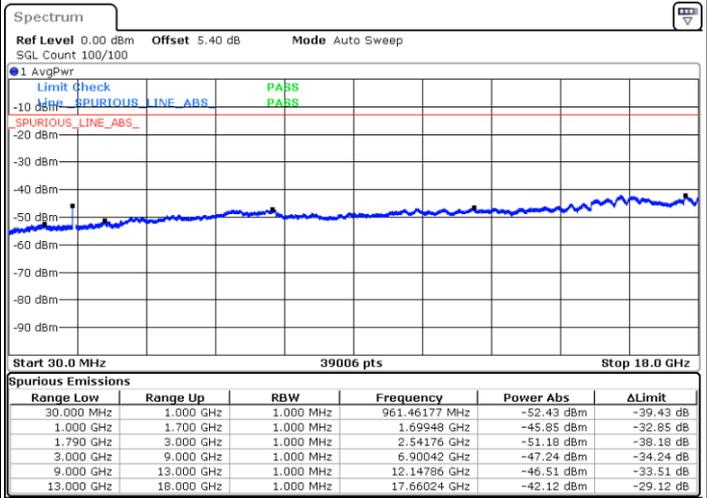
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

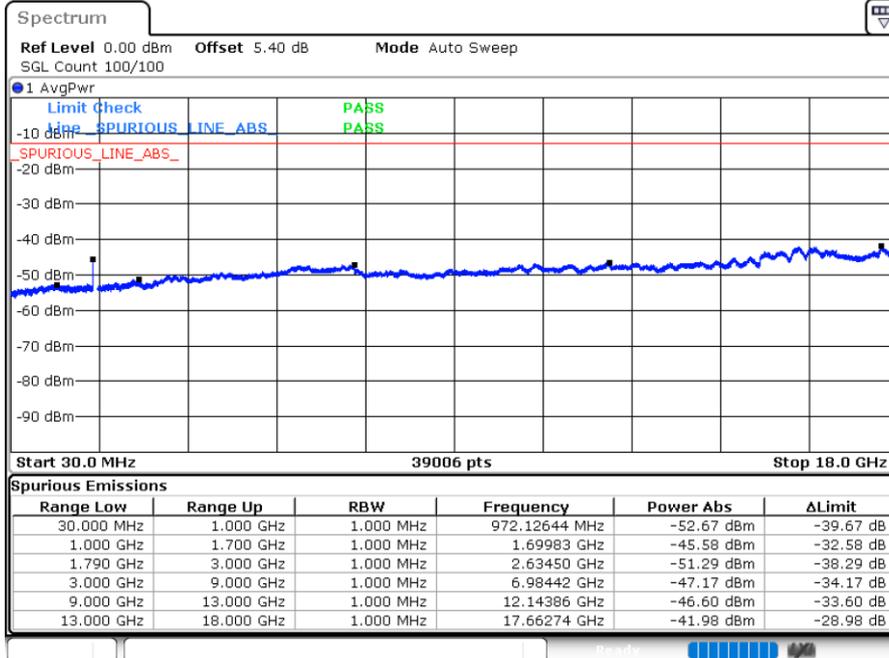


Date: 9.NOV.2022 06:31:45



Date: 9.NOV.2022 06:33:08

Highest Channel / QPSK



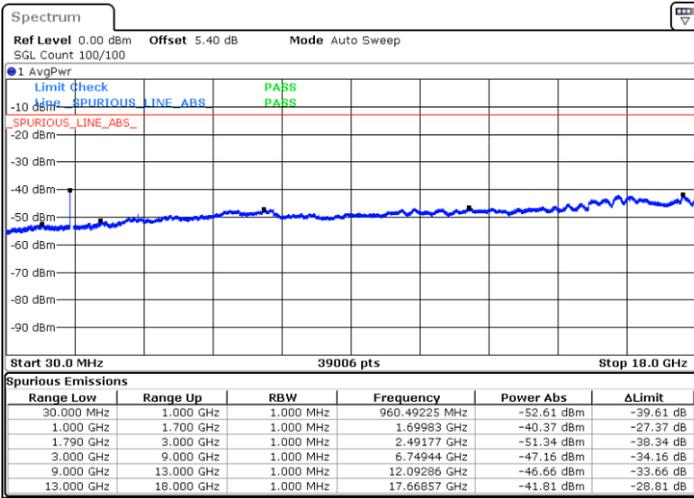
Date: 9.NOV.2022 06:34:12



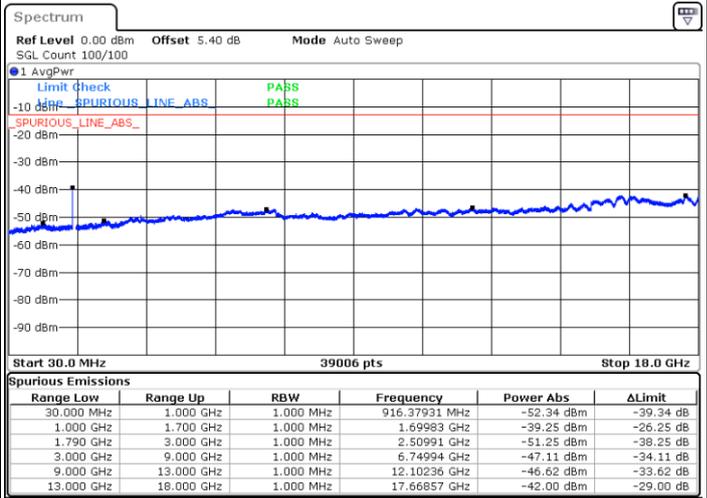
LTE Band 66 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

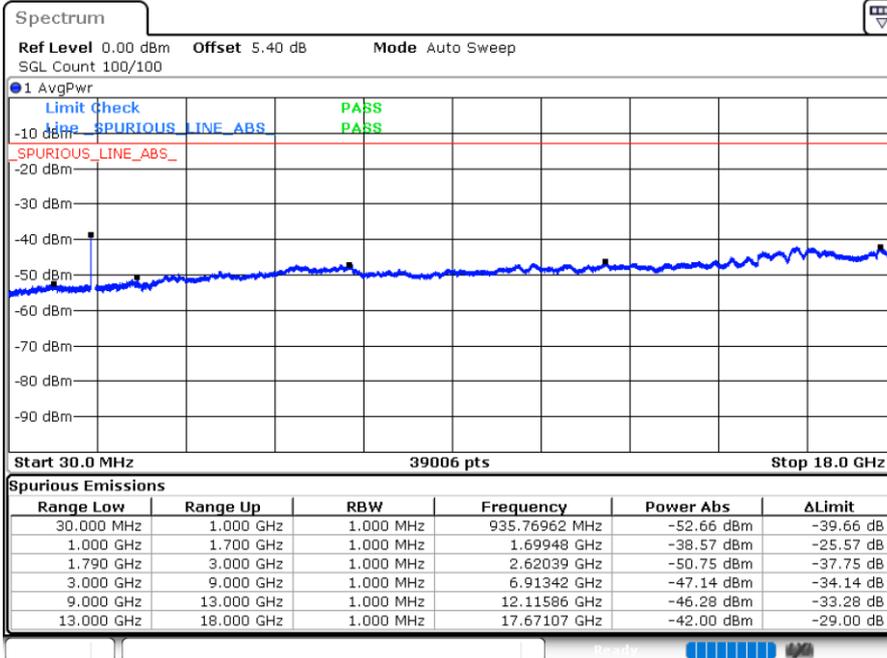


Date: 9.NOV.2022 06:58:49



Date: 9.NOV.2022 06:59:58

Highest Channel / QPSK



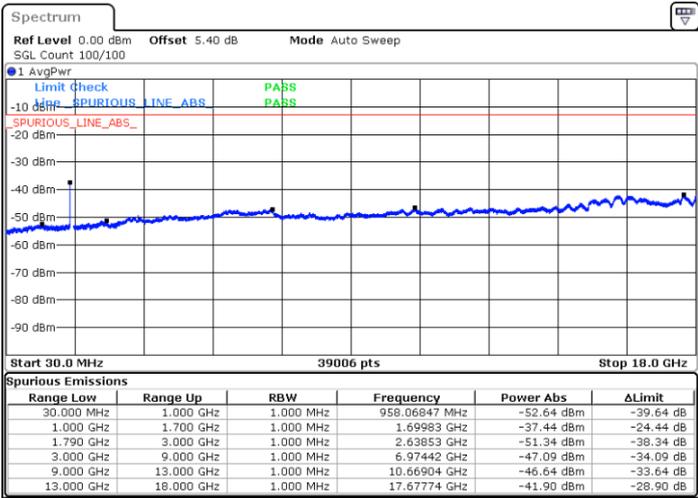
Date: 9.NOV.2022 07:00:58



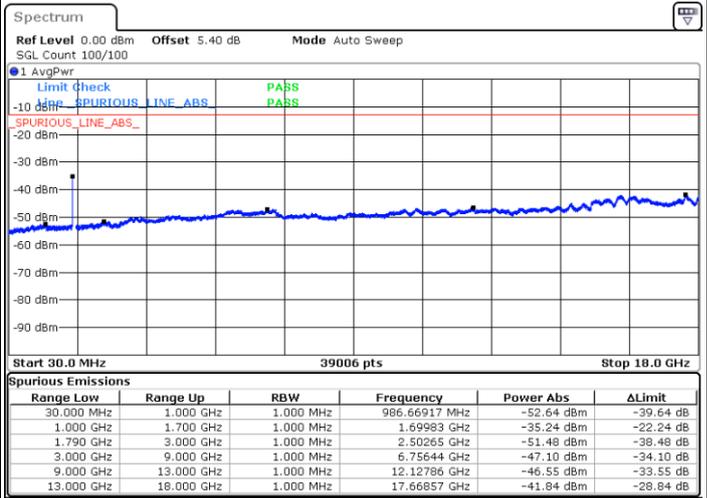
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

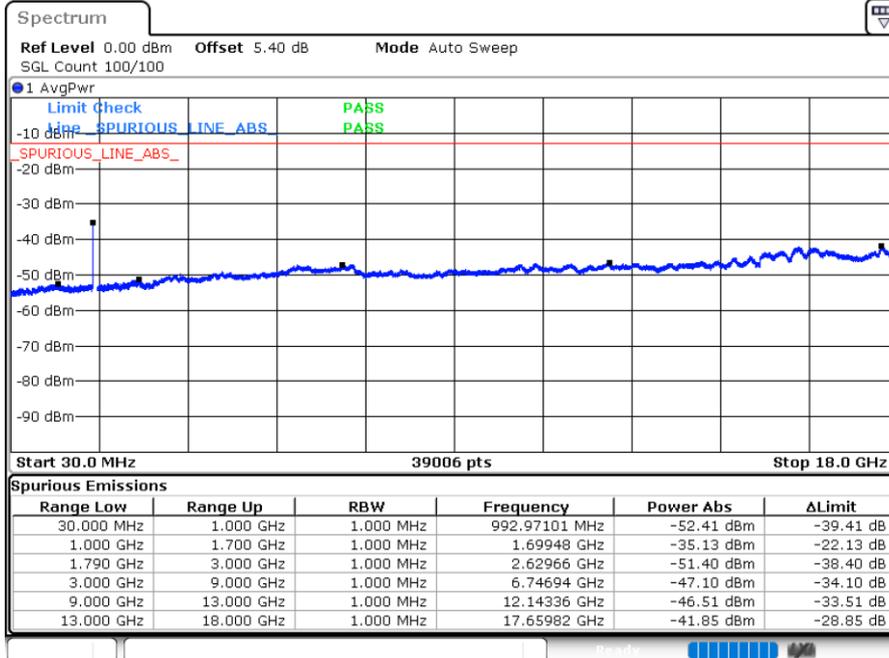


Date: 9.NOV.2022 07:10:16



Date: 9.NOV.2022 07:11:24

Highest Channel / QPSK



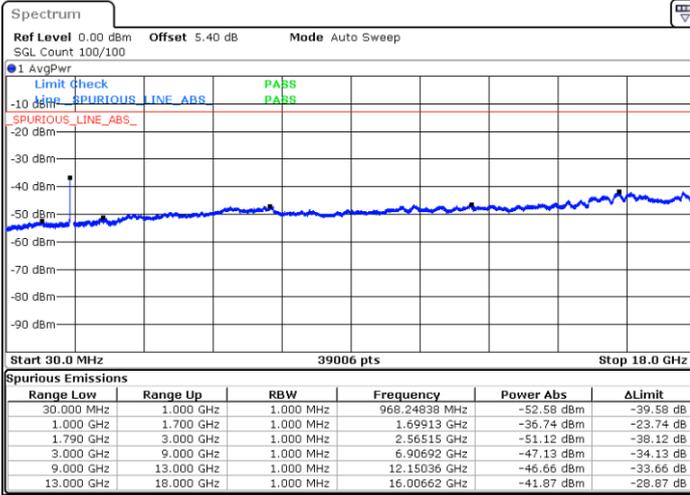
Date: 9.NOV.2022 07:12:23



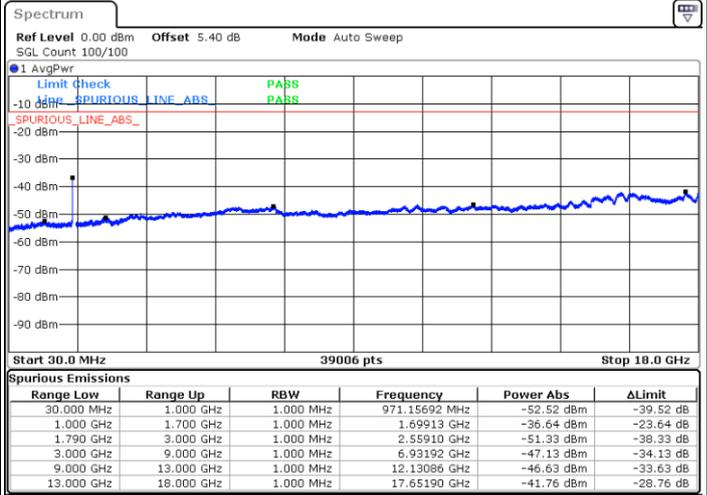
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

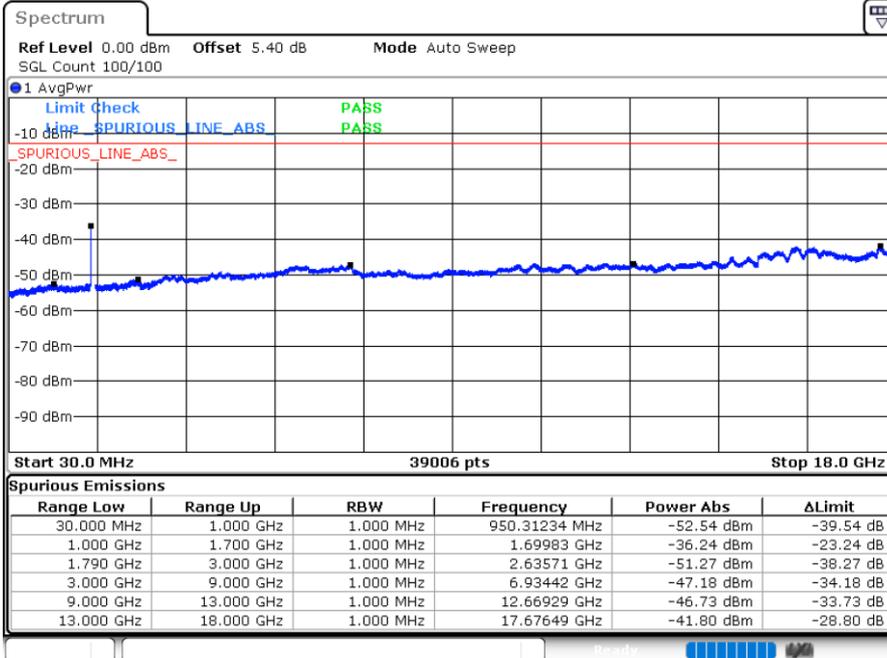


Date: 9.NOV.2022 07:31:20



Date: 9.NOV.2022 07:32:24

Highest Channel / QPSK



Date: 9.NOV.2022 07:33:28



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 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 / 20MHz / QPSK (ANT5)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-57.53	-13	-44.53	-69.79	2.64	14.90	H
	5613	-55.02	-13	-42.02	-66.88	2.94	14.80	H
	7488	-52.98	-13	-39.98	-62.75	3.39	13.16	H
	3741	-57.29	-13	-44.29	-69.55	2.64	14.90	V
	5613	-55.60	-13	-42.60	-67.46	2.94	14.80	V
	7488	-53.27	-13	-40.27	-63.04	3.39	13.16	V

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

LTE Band 5 / 10MHz / QPSK (ANT0)								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-65.64	-13	-52.64	-72.61	1.58	10.70	H
	2496	-60.63	-13	-47.63	-68.88	2.102	12.50	H
	3328	-60.61	-13	-47.61	-69.50	2.856	13.90	H
	1664	-63.24	-13	-50.24	-70.21	1.58	10.70	V
	2496	-60.05	-13	-47.05	-68.30	2.10	12.50	V
	3328	-60.61	-13	-47.61	-69.50	2.86	13.90	V

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

LTE Band 7 / 20MHz / QPSK(ANT3_other PA)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-63.15	-25	-38.15	-73.36	3.03	13.24	H
	7576	-59.45	-25	-34.45	-68.90	3.56	13.01	H
	10100	-62.59	-25	-37.59	-72.11	3.92	13.44	H
	5052	-62.53	-25	-37.53	-72.74	3.03	13.24	V
	7576	-61.23	-25	-36.23	-70.68	3.56	13.01	V
	10100	-62.85	-25	-37.85	-72.37	3.92	13.44	V

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



LTE Band 7 / 20MHz / QPSK(ANT5_main PA)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-63.29	-25	-38.29	-73.50	3.03	13.24	H
	7580	-58.98	-25	-33.98	-68.43	3.56	13.01	H
	10100	-62.56	-25	-37.56	-72.08	3.92	13.44	H
	5052	-63.09	-25	-38.09	-73.30	3.03	13.24	V
	7580	-61.97	-25	-36.97	-71.42	3.56	13.01	V
	10100	-62.70	-25	-37.70	-72.22	3.92	13.44	V

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

LTE Band 7C_CA / 20MHz+20MHz / QPSK (ANT3_other PA)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5032	-63.91	-25	-38.91	-74.12	3.03	13.24	H
	7548	-58.25	-25	-33.25	-67.70	3.56	13.01	H
	10060	-62.65	-25	-37.65	-72.17	3.92	13.44	H
	5032	-63.40	-25	-38.40	-73.61	3.03	13.24	V
	7548	-61.14	-25	-36.14	-70.59	3.56	13.01	V
	10060	-62.57	-25	-37.57	-72.09	3.92	13.44	V

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

LTE Band 7C_CA / 20MHz+20MHz / QPSK (ANT5_main PA)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5032	-64.07	-25	-39.07	-74.28	3.03	13.24	H
	7548	-58.96	-25	-33.96	-68.41	3.56	13.01	H
	10060	-62.48	-25	-37.48	-72.00	3.92	13.44	H
	5032	-63.03	-25	-38.03	-73.24	3.03	13.24	V
	7548	-61.90	-25	-36.90	-71.35	3.56	13.01	V
	10060	-62.78	-25	-37.78	-72.30	3.92	13.44	V

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



LTE Band 38C_CA / 20MHz+20MHz / QPSK (ANT3_other PA)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5152	-63.84	-25	-38.84	-74.05	3.03	13.24	H
	7728	-61.96	-25	-36.96	-71.41	3.56	13.01	H
	10300	-57.88	-25	-32.88	-67.40	3.92	13.44	H
	12880	-56.22	-25	-31.22	-66.14	4.44	14.36	H
	5152	-63.82	-25	-38.82	-74.03	3.03	13.24	V
	7728	-60.83	-25	-35.83	-70.28	3.56	13.01	V
	10300	-56.82	-25	-31.82	-66.34	3.92	13.44	V
	12880	-59.94	-25	-34.94	-69.86	4.44	14.36	V

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

LTE Band 38C_CA / 20MHz+20MHz / QPSK (ANT5_main PA)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5152	-63.51	-25	-38.51	-73.72	3.03	13.24	H
	7728	-57.85	-25	-32.85	-67.30	3.56	13.01	H
	10300	-56.42	-25	-31.42	-65.94	3.92	13.44	H
	12880	-54.70	-25	-29.70	-64.62	4.44	14.36	H
	5152	-63.77	-25	-38.77	-73.98	3.03	13.24	V
	7728	-62.06	-25	-37.06	-71.51	3.56	13.01	V
	10300	-58.43	-25	-33.43	-67.95	3.92	13.44	V
	12880	-59.25	-25	-34.25	-69.17	4.44	14.36	V

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

LTE Band 41 / 20MHz / QPSK(ANT3_other PA)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168	-61.42	-25	-36.42	-71.63	3.03	13.24	H
	7752	-54.52	-25	-29.52	-63.97	3.56	13.01	H
	10340	-59.43	-25	-34.43	-68.95	3.92	13.44	H
	5168	-61.31	-25	-36.31	-71.52	3.03	13.24	V
	7752	-58.84	-25	-33.84	-68.29	3.56	13.01	V
	10340	-59.67	-25	-34.67	-69.19	3.92	13.44	V

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



LTE Band 41 / 20MHz / QPSK(ANT5_main PA)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168	-62.33	-25	-37.33	-72.54	3.03	13.24	H
	7752	-58.14	-25	-33.14	-67.59	3.56	13.01	H
	10340	-59.94	-25	-34.94	-69.46	3.92	13.44	H
	5168	-61.80	-25	-36.80	-72.01	3.03	13.24	V
	7752	-60.50	-25	-35.50	-69.95	3.56	13.01	V
	10340	-60.09	-25	-35.09	-69.61	3.92	13.44	V

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

LTE Band 66 / 20MHz / QPSK(ANT3_other PA)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3492	-66.80	-13	-53.80	-77.54	2.604	13.34	H
	5238	-62.34	-13	-49.34	-72.85	3.011	13.52	H
	6984	-63.36	-13	-50.36	-73.56	3.271	13.47	H
	3492	-66.13	-13	-53.13	-76.87	2.604	13.34	V
	5238	-60.98	-13	-47.98	-71.49	3.011	13.52	V
	6984	-63.17	-13	-50.17	-73.37	3.271	13.47	V

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

LTE Band 66 / 20MHz / QPSK(ANT5_main PA)								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3492	-52.12	-13	-39.12	-62.86	2.604	13.34	H
	5238	-62.56	-13	-49.56	-73.07	3.011	13.52	H
	6984	-62.79	-13	-49.79	-72.99	3.271	13.47	H
	3492	-47.84	-13	-34.84	-58.58	2.604	13.34	V
	5238	-61.20	-13	-48.20	-71.71	3.011	13.52	V
	6984	-64.28	-13	-51.28	-74.48	3.271	13.47	V

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