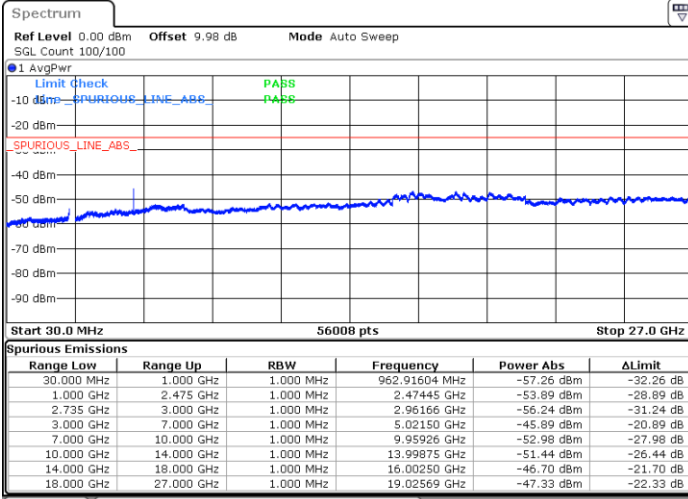




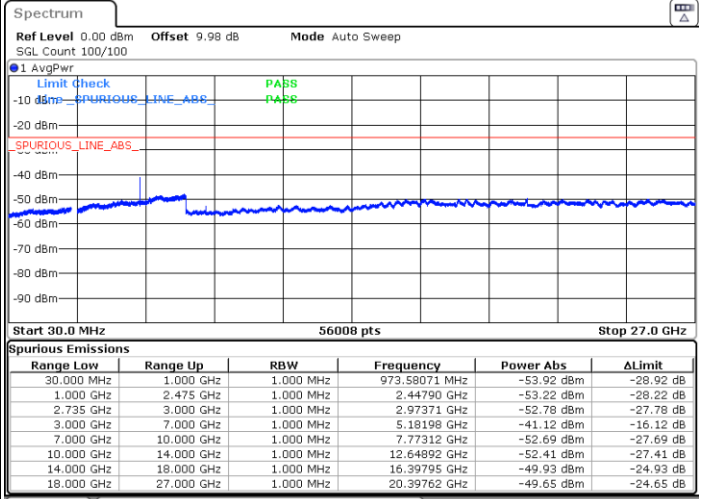
LTE Band 41C / 15MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

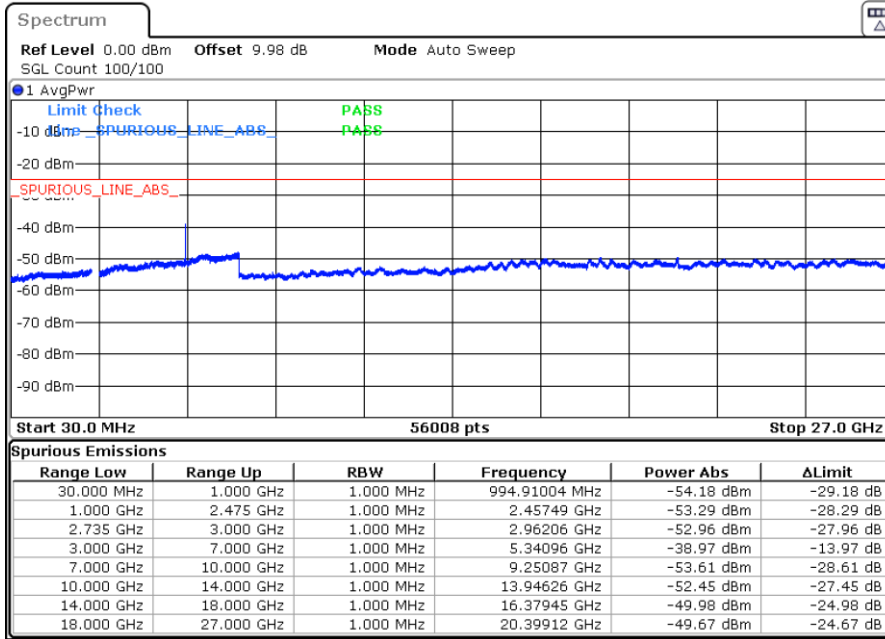


Date: 8.MAR.2024 15:12:53



Date: 19.MAR.2024 23:40:38

Highest Channel / QPSK



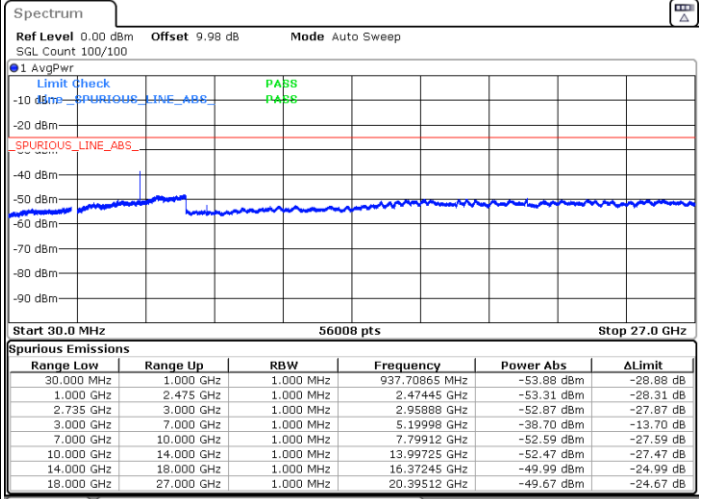
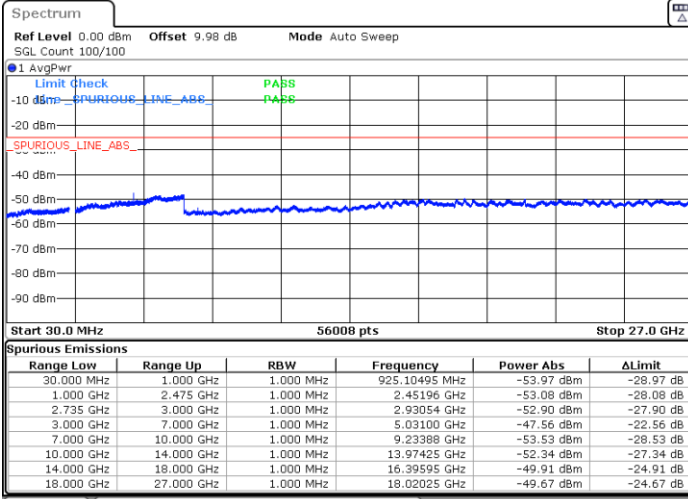
Date: 19.MAR.2024 23:39:14



LTE Band 41C / 20MHz+5MHz

Lowest Channel / QPSK

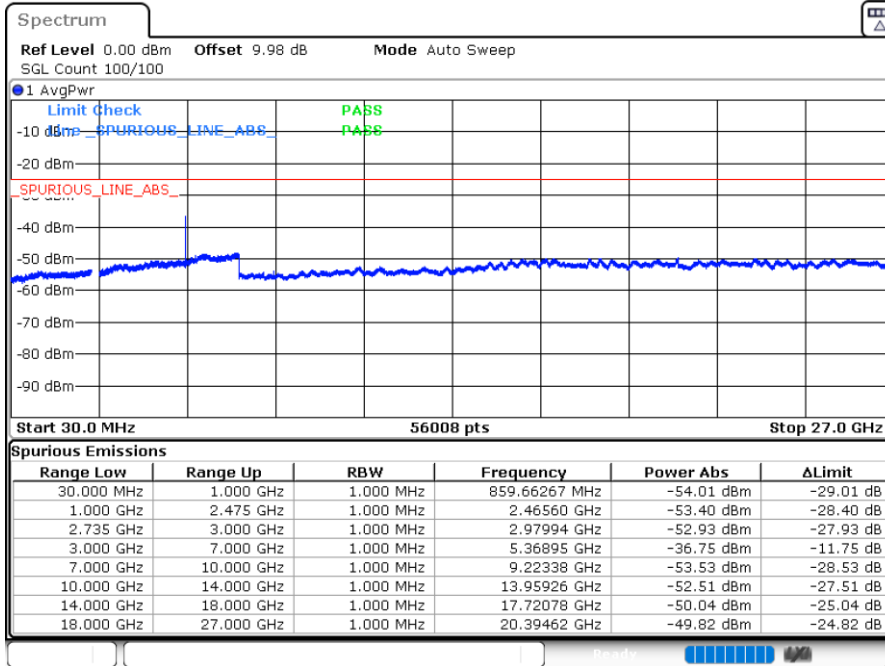
Middle Channel / QPSK



Date: 19.MAR.2024 23:46:03

Date: 20.MAR.2024 00:42:45

Highest Channel / QPSK



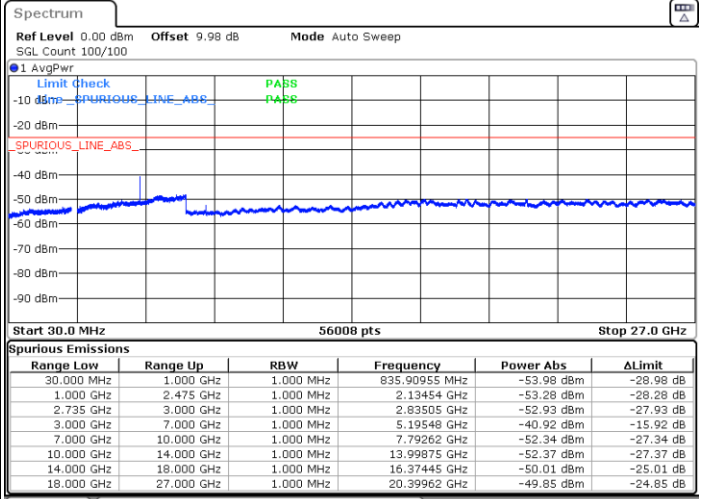
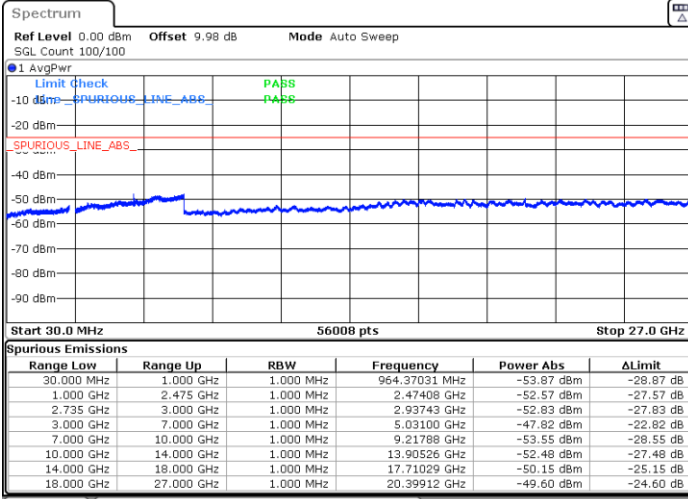
Date: 19.MAR.2024 23:47:23



LTE Band 41C / 20MHz+10MHz

Lowest Channel / QPSK

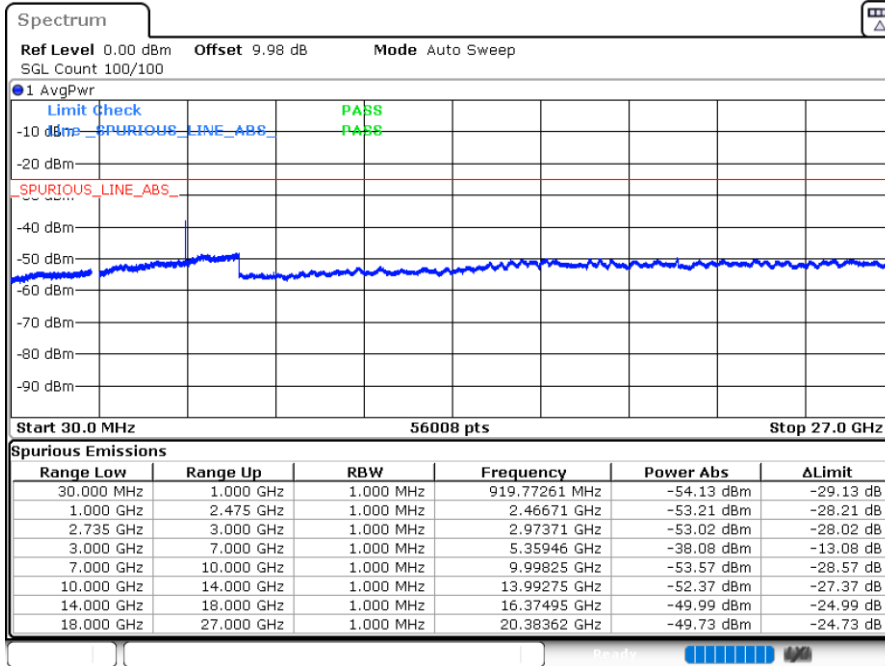
Middle Channel / QPSK



Date: 20.MAR.2024 00:51:10

Date: 20.MAR.2024 00:52:33

Highest Channel / QPSK



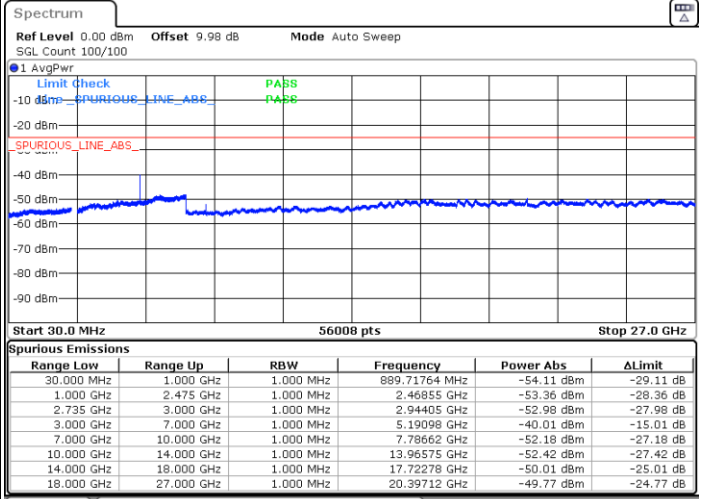
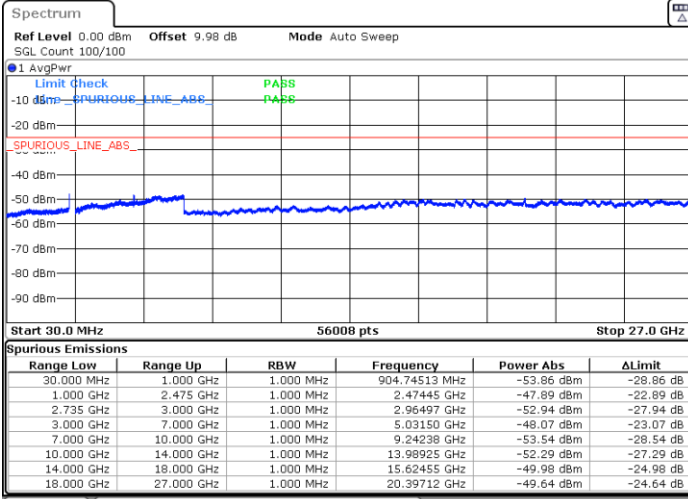
Date: 20.MAR.2024 00:54:09



LTE Band 41C / 20MHz+15MHz

Lowest Channel / QPSK

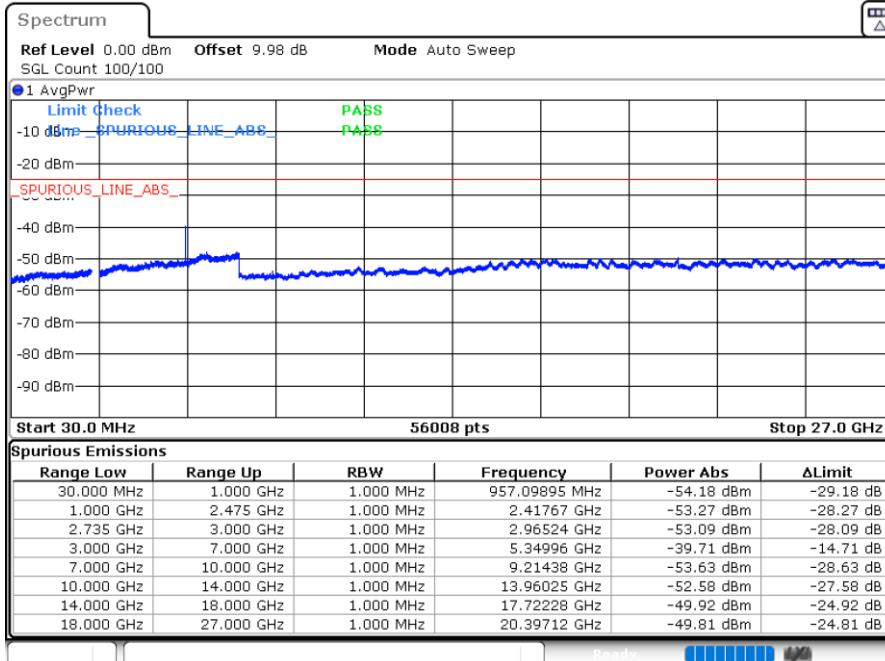
Middle Channel / QPSK



Date: 20.MAR.2024 00:56:24

Date: 20.MAR.2024 01:02:43

Highest Channel / QPSK



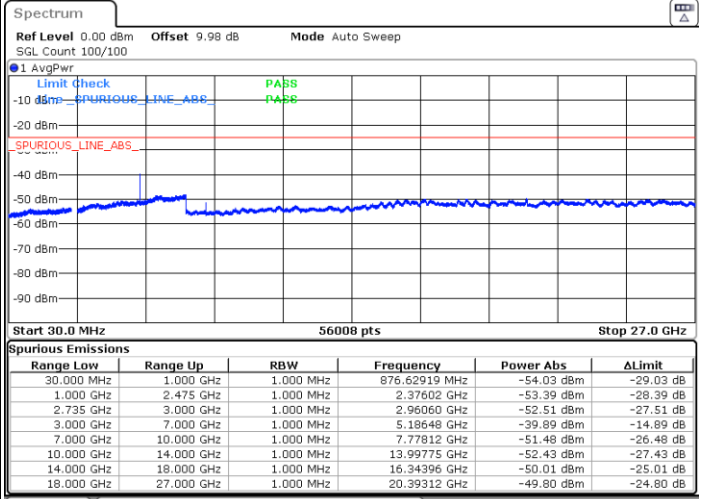
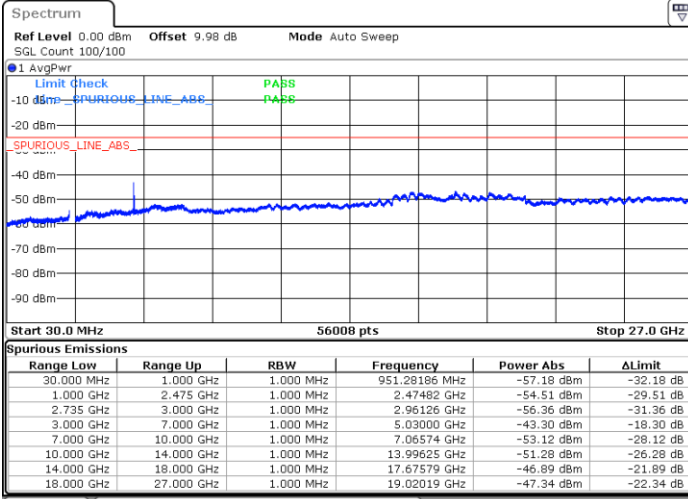
Date: 20.MAR.2024 01:01:07



LTE Band 41C / 20MHz+20MHz

Lowest Channel / QPSK

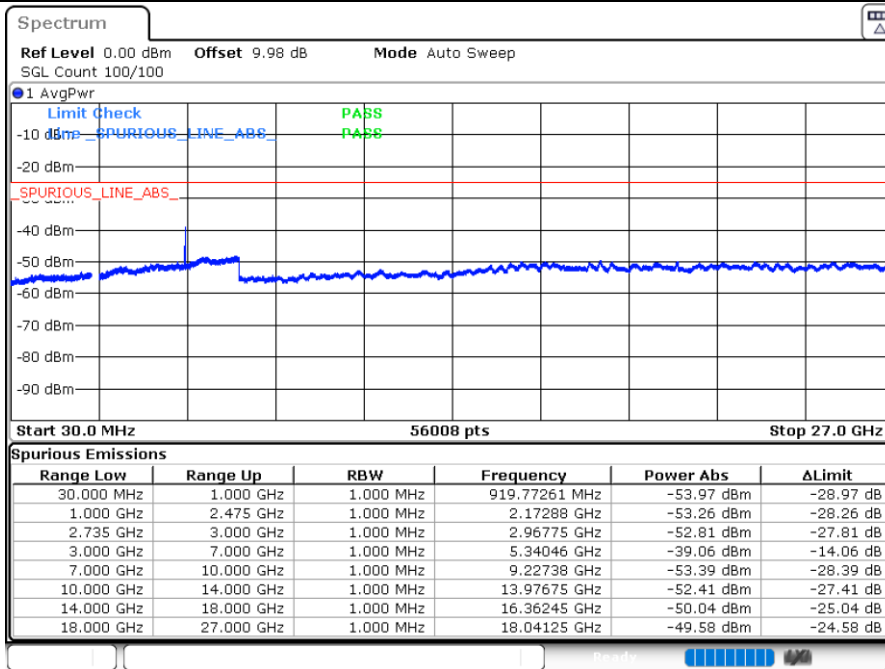
Middle Channel / QPSK



Date: 8.MAR.2024 17:40:39

Date: 20.MAR.2024 01:13:19

Highest Channel / QPSK



Date: 20.MAR.2024 01:11:57



Frequency Stability

Test Conditions		LTE Band 41C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	23~25°C
		Relative Humidity :	41~42%

RSE pretest all the supported antennas, only the worst results are recorded in the report.

LTE Band 7 / 20MHz / QPSK Ant2								
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	5050	-62.75	-25	-37.75	-72.96	3.03	13.24	H
	7584	-61.21	-25	-36.21	-70.66	3.56	13.01	H
	10104	-60.19	-25	-35.19	-69.71	3.92	13.44	H
	5050	-62.77	-25	-37.77	-72.98	3.03	13.24	V
	7584	-60.82	-25	-35.82	-70.27	3.56	13.01	V
	10104	-59.06	-25	-34.06	-68.58	3.92	13.44	V

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

LTE Band 41 / 20MHz / QPSK Ant2								
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	5162	-62.02	-25	-37.02	-72.23	3.03	13.24	H
	7752	-60.51	-25	-35.51	-69.96	3.56	13.01	H
	10342	-60.54	-25	-35.54	-70.06	3.92	13.44	H
	5162	-61.93	-25	-36.93	-72.14	3.03	13.24	V
	7752	-60.63	-25	-35.63	-70.08	3.56	13.01	V
	10342	-61.02	-25	-36.02	-70.54	3.92	13.44	V

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

LTE Band 12 / 10MHz / QPSK Ant0								
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	1408	-68.49	-13	-55.49	-75.46	1.58	10.70	H
	2112	-63.13	-13	-50.13	-71.38	2.102	12.50	H
	2816	-60.63	-13	-47.63	-69.52	2.856	13.90	H
	1408	-68.05	-13	-55.05	-75.02	1.58	10.70	V
	2112	-62.45	-13	-49.45	-70.70	2.10	12.50	V
	2816	-59.83	-13	-46.83	-68.72	2.86	13.90	V

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



LTE Band 13 / 5MHz / QPSK Ant0								
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	1560	-67.43	-42.15	-25.28	-70.06	1.09	5.87	H
	2336	-62.13	-13	-49.13	-64.53	1.37	5.92	H
	3120	-60.92	-13	-47.92	-64.81	1.64	7.68	H
	1560	-66.84	-42.15	-24.69	-69.47	1.09	5.87	V
	2336	-60.56	-13	-47.56	-62.96	1.37	5.92	V
	3120	-60.91	-13	-47.91	-64.80	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK Ant0								
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	1552	-67.67	-13	-54.67	-70.30	1.09	5.87	H
	2336	-62.26	-13	-49.26	-64.66	1.37	5.92	H
	3112	-60.83	-13	-47.83	-64.72	1.64	7.68	H
	1552	-66.17	-13	-53.17	-68.80	1.09	5.87	V
	2336	-60.70	-13	-47.70	-63.10	1.37	5.92	V
	3112	-60.94	-13	-47.94	-64.83	1.64	7.68	V

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

LTE Band 71 / 20MHz / QPSK Ant0								
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	1352	-69.15	-13	-56.15	-70.90	1.02	4.92	H
	2024	-64.17	-13	-51.17	-66.14	1.27	5.39	H
	2696	-60.95	-13	-47.95	-63.88	1.49	6.57	H
	1352	-68.53	-13	-55.53	-70.28	1.02	4.92	V
	2024	-63.70	-13	-50.70	-65.67	1.27	5.39	V
	2696	-60.27	-13	-47.27	-63.20	1.49	6.57	V

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



LTE Band 7C / 20+20MHz / QPSK Ant2								
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	5036	-62.52	-25	-37.52	-72.73	3.03	13.24	H
	7542	-61.27	-25	-36.27	-70.72	3.56	13.01	H
	10062	-60.10	-25	-35.10	-69.62	3.92	13.44	H
	5036	-62.62	-25	-37.62	-72.83	3.03	13.24	V
	7542	-61.39	-25	-36.39	-70.84	3.56	13.01	V
	10062	-60.75	-25	-35.75	-70.27	3.92	13.44	V
	5078	-62.69	-25	-37.69	-72.90	3.03	13.24	H
	7612	-60.83	-25	-35.83	-70.28	3.56	13.01	H
	10146	-60.45	-25	-35.45	-69.97	3.92	13.44	H
	5078	-63.09	-25	-38.09	-73.30	3.03	13.24	V
	7612	-60.75	-25	-35.75	-70.20	3.56	13.01	V
	10146	-61.15	-25	-36.15	-70.67	3.92	13.44	V

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

LTE Band 41C / 20+20MHz / QPSK Ant2								
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	5148	-62.86	-25	-37.86	-73.07	3.03	13.24	H
	7724	-61.83	-25	-36.83	-71.28	3.56	13.01	H
	10300	-61.67	-25	-36.67	-71.19	3.92	13.44	H
	5148	-63.35	-25	-38.35	-73.56	3.03	13.24	V
	7724	-61.64	-25	-36.64	-71.09	3.56	13.01	V
	10300	-61.77	-25	-36.77	-71.29	3.92	13.44	V
	5190	-62.25	-25	-37.25	-72.46	3.03	13.24	H
	7780	-62.18	-25	-37.18	-71.63	3.56	13.01	H
	10370	-61.61	-25	-36.61	-71.13	3.92	13.44	H
	5190	-62.19	-25	-37.19	-72.40	3.03	13.24	V
	7780	-61.93	-25	-36.93	-71.38	3.56	13.01	V
	10370	-61.68	-25	-36.68	-71.20	3.92	13.44	V

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