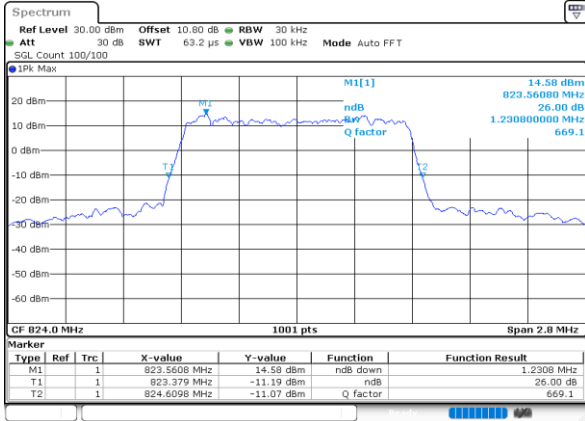


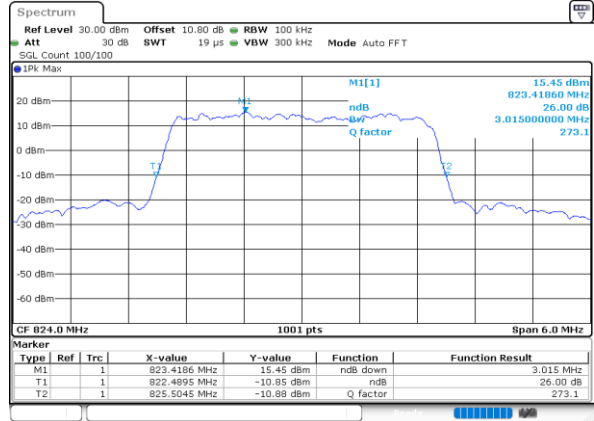


LTE Band 26

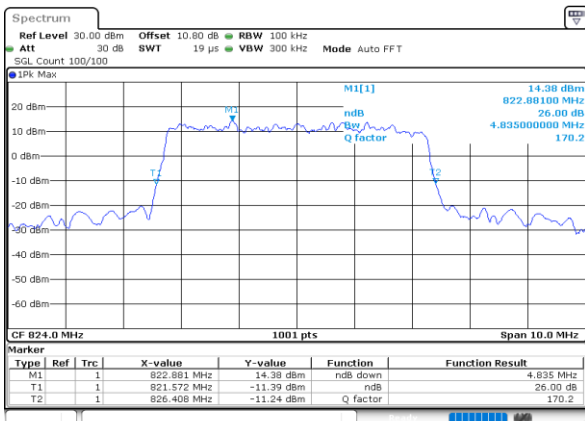
Middle Channel / 1.4MHz / 64QAM



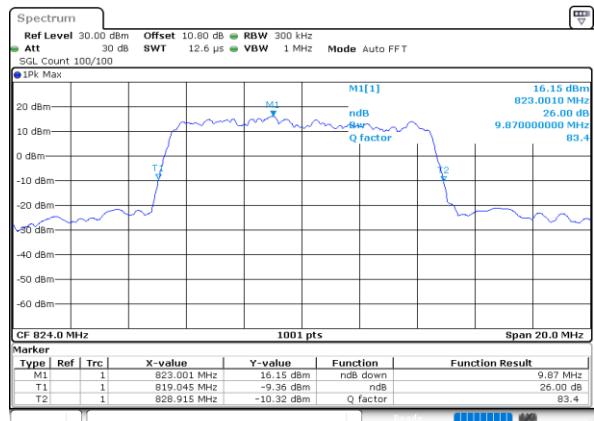
Middle Channel / 3MHz / 64QAM



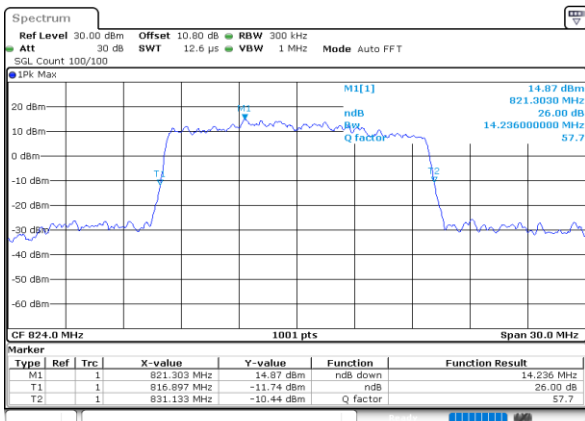
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



N/A



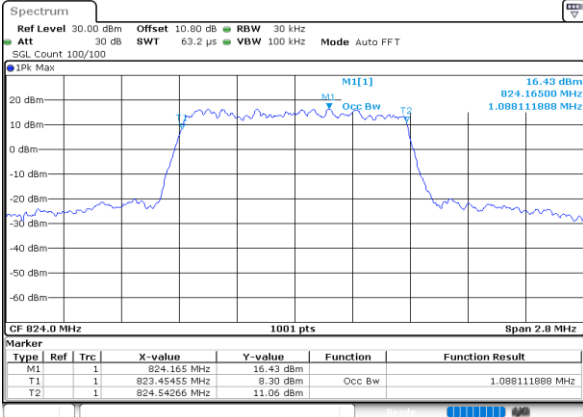
Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.08	2.71	2.71	4.47	4.49	8.95	8.91	13.28	13.28	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	-	2.72	-	4.47	-	8.97	-	13.37	-	-	-



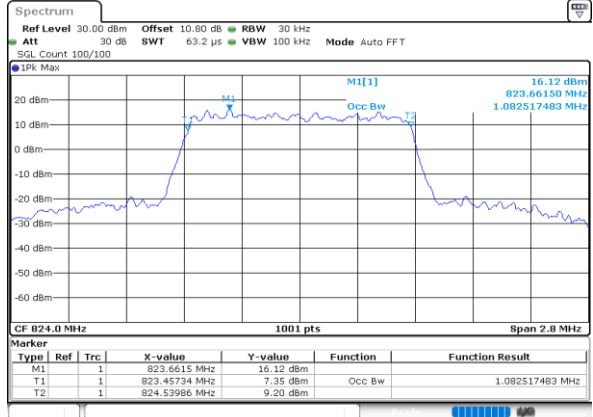
LTE Band 26

Middle Channel / 1.4MHz / QPSK



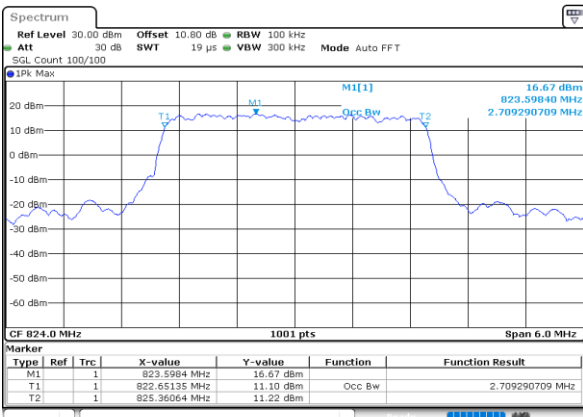
Date: 25.MAY.2023 23:27:39

Middle Channel / 1.4MHz / 16QAM



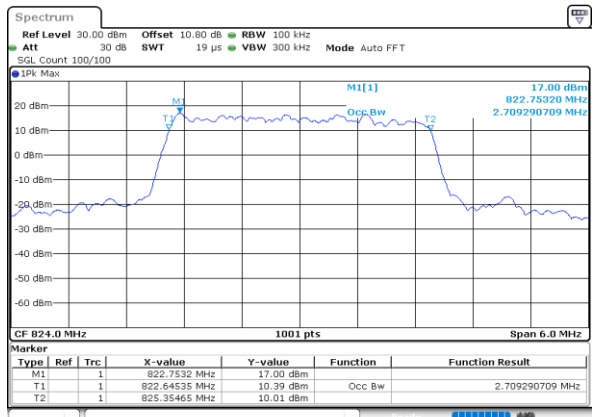
Date: 25.MAY.2023 23:28:37

Middle Channel / 3MHz / QPSK



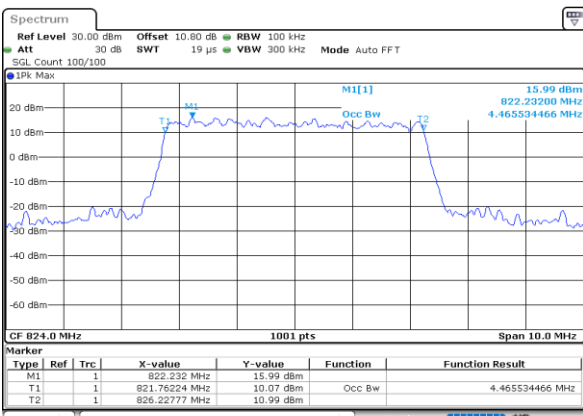
Date: 25.MAY.2023 23:29:55

Middle Channel / 3MHz / 16QAM



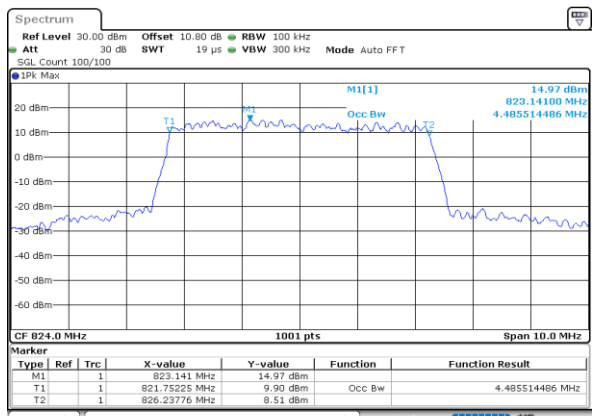
Date: 25.MAY.2023 23:30:52

Middle Channel / 5MHz / QPSK



Date: 25.MAY.2023 23:32:10

Middle Channel / 5MHz / 16QAM

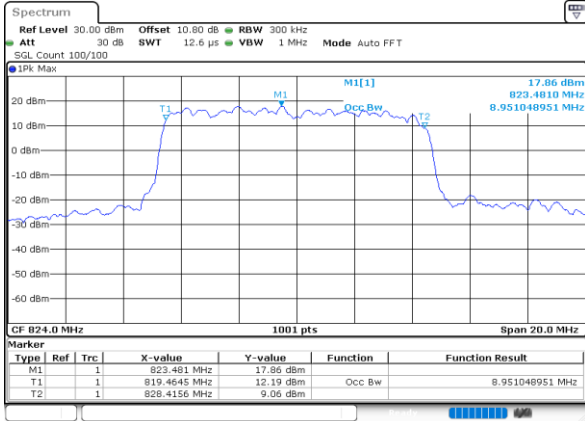


Date: 25.MAY.2023 23:33:07



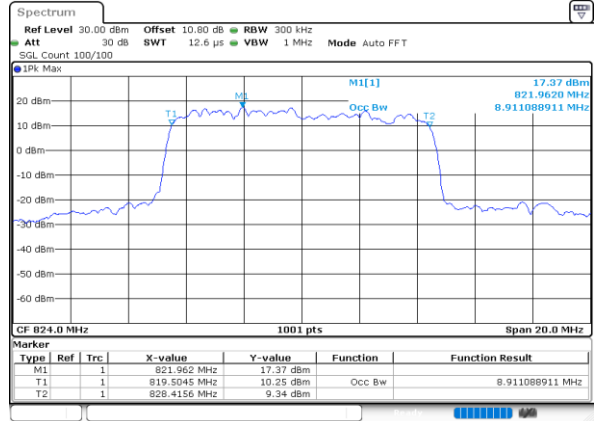
LTE Band 26

Middle Channel / 10MHz / QPSK



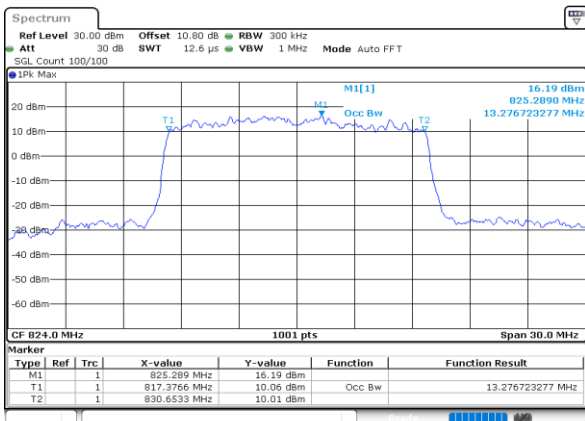
Date: 25.MAY.2023 23:34:25

Middle Channel / 10MHz / 16QAM



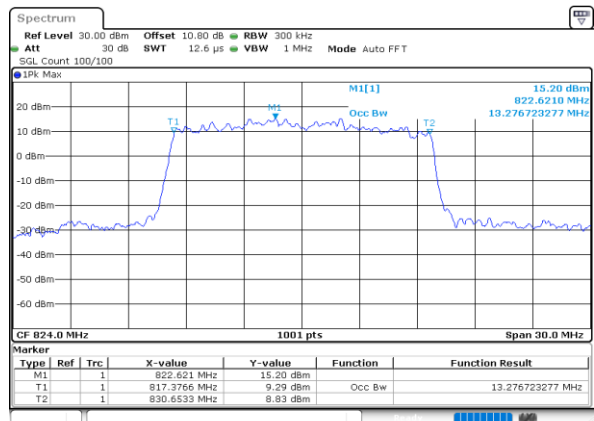
Date: 25.MAY.2023 23:35:23

Middle Channel / 15MHz / QPSK



Date: 25.MAY.2023 23:36:44

Middle Channel / 15MHz / 16QAM

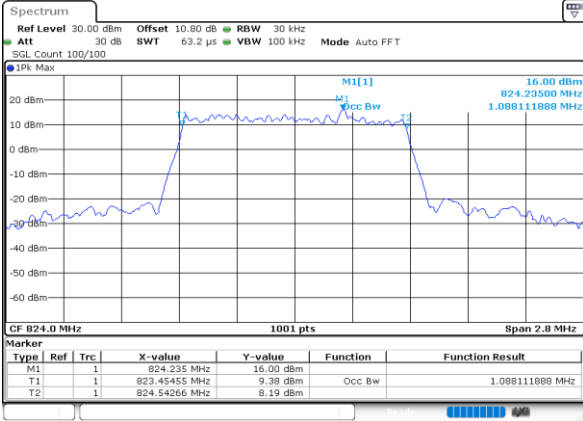


Date: 25.MAY.2023 23:37:41



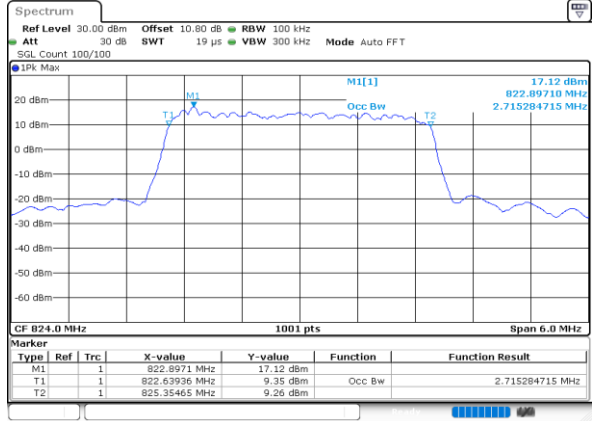
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



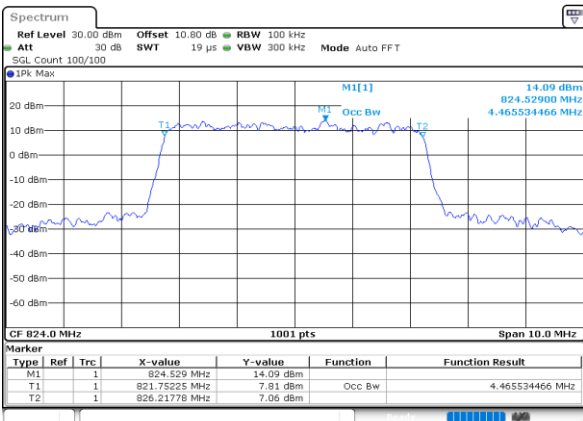
Date: 25.MAY.2023 23:29:06

Middle Channel / 3MHz / 64QAM



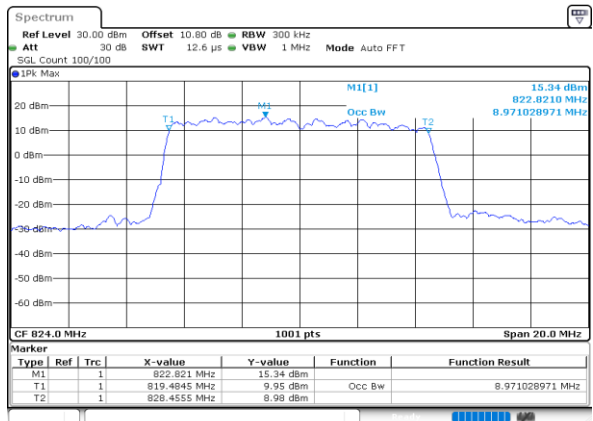
Date: 25.MAY.2023 23:31:21

Middle Channel / 5MHz / 64QAM



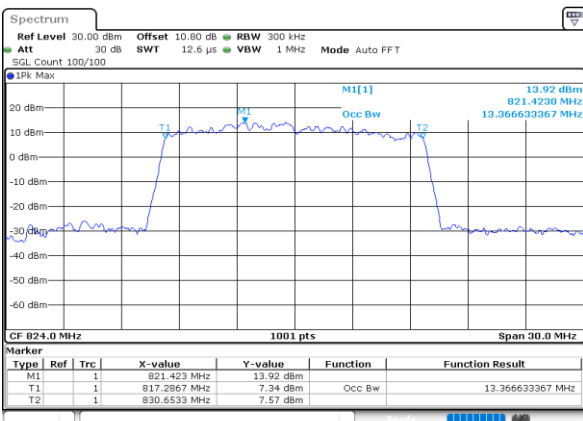
Date: 25.MAY.2023 23:33:37

Middle Channel / 10MHz / 64QAM



Date: 25.MAY.2023 23:35:52

Middle Channel / 15MHz / 64QAM



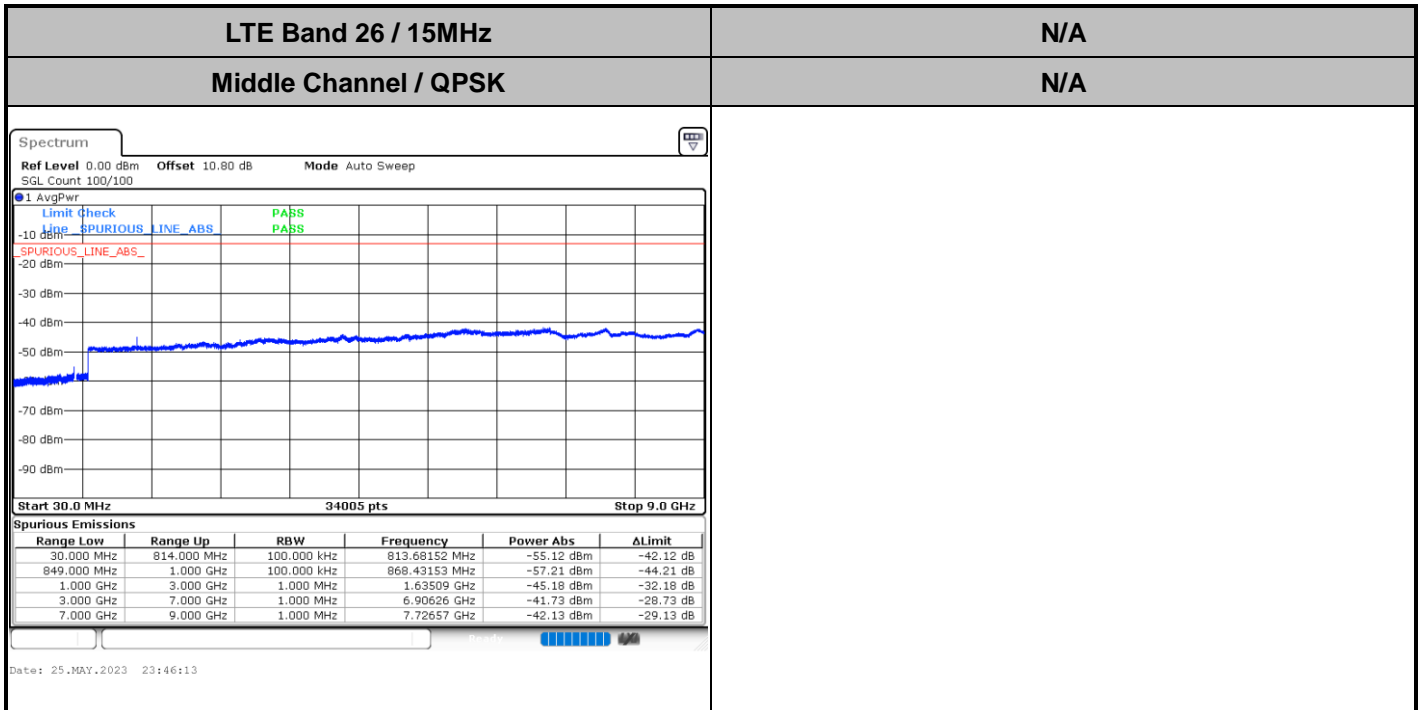
Date: 25.MAY.2023 23:38:10

N/A



Conducted Spurious Emission

<p>LTE Band 26 / 1.4MHz</p> <p>Middle Channel / QPSK</p> <p>Start 30.0 MHz 34005 pts Stop 9.0 GHz</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs</th> <th>ΔLimit</th> </tr> </thead> <tbody> <tr> <td>30.000 MHz</td> <td>814.000 MHz</td> <td>100.000 kHz</td> <td>722.20424 MHz</td> <td>-55.13 dBm</td> <td>-42.13 dB</td> </tr> <tr> <td>849.000 MHz</td> <td>1.000 GHz</td> <td>100.000 kHz</td> <td>950.91179 MHz</td> <td>-57.24 dBm</td> <td>-44.24 dB</td> </tr> <tr> <td>1.000 GHz</td> <td>3.000 GHz</td> <td>1.000 MHz</td> <td>1.64759 GHz</td> <td>-45.86 dBm</td> <td>-32.86 dB</td> </tr> <tr> <td>3.000 GHz</td> <td>7.000 GHz</td> <td>1.000 MHz</td> <td>6.89976 GHz</td> <td>-42.04 dBm</td> <td>-29.04 dB</td> </tr> <tr> <td>7.000 GHz</td> <td>9.000 GHz</td> <td>1.000 MHz</td> <td>7.72107 GHz</td> <td>-41.99 dBm</td> <td>-28.99 dB</td> </tr> </tbody> </table> <p>Date: 25.MAY.2023 23:41:12</p>	Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit	30.000 MHz	814.000 MHz	100.000 kHz	722.20424 MHz	-55.13 dBm	-42.13 dB	849.000 MHz	1.000 GHz	100.000 kHz	950.91179 MHz	-57.24 dBm	-44.24 dB	1.000 GHz	3.000 GHz	1.000 MHz	1.64759 GHz	-45.86 dBm	-32.86 dB	3.000 GHz	7.000 GHz	1.000 MHz	6.89976 GHz	-42.04 dBm	-29.04 dB	7.000 GHz	9.000 GHz	1.000 MHz	7.72107 GHz	-41.99 dBm	-28.99 dB	<p>LTE Band 26 / 3MHz</p> <p>Middle Channel / QPSK</p> <p>Start 30.0 MHz 34005 pts Stop 9.0 GHz</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs</th> <th>ΔLimit</th> </tr> </thead> <tbody> <tr> <td>30.000 MHz</td> <td>814.000 MHz</td> <td>100.000 kHz</td> <td>794.88670 MHz</td> <td>-57.64 dBm</td> <td>-44.64 dB</td> </tr> <tr> <td>849.000 MHz</td> <td>1.000 GHz</td> <td>100.000 kHz</td> <td>936.00775 MHz</td> <td>-57.31 dBm</td> <td>-44.31 dB</td> </tr> <tr> <td>1.000 GHz</td> <td>3.000 GHz</td> <td>1.000 MHz</td> <td>1.64559 GHz</td> <td>-45.34 dBm</td> <td>-32.34 dB</td> </tr> <tr> <td>3.000 GHz</td> <td>7.000 GHz</td> <td>1.000 MHz</td> <td>6.99975 GHz</td> <td>-41.89 dBm</td> <td>-28.89 dB</td> </tr> <tr> <td>7.000 GHz</td> <td>9.000 GHz</td> <td>1.000 MHz</td> <td>7.71207 GHz</td> <td>-42.04 dBm</td> <td>-29.04 dB</td> </tr> </tbody> </table> <p>Date: 25.MAY.2023 23:42:27</p>	Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit	30.000 MHz	814.000 MHz	100.000 kHz	794.88670 MHz	-57.64 dBm	-44.64 dB	849.000 MHz	1.000 GHz	100.000 kHz	936.00775 MHz	-57.31 dBm	-44.31 dB	1.000 GHz	3.000 GHz	1.000 MHz	1.64559 GHz	-45.34 dBm	-32.34 dB	3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-41.89 dBm	-28.89 dB	7.000 GHz	9.000 GHz	1.000 MHz	7.71207 GHz	-42.04 dBm	-29.04 dB
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Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0110	PASS
40	Normal Voltage	0.0181	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0193	
20	Maximum Voltage	0.0170	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0217	

Note:

- 1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.42 V. ; Maximum Voltage = 4.45 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

LTE Band 26

LTE Band 26 / 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	1628	-45.98	-13	-32.98	-58.48	-47.8	0.97	4.94	H
	2440	-55.30	-13	-42.30	-73.4	-57.1	1.27	5.22	H
	3256	-57.35	-13	-44.35	-77.88	-60.6	1.53	6.93	H
									H
									H
									H
	1628	-47.48	-13	-34.48	-60.85	-49.3	0.97	4.94	V
	2440	-49.90	-13	-36.90	-68.64	-51.7	1.27	5.22	V
	3256	-57.95	-13	-44.95	-78.16	-61.2	1.53	6.93	V
									V
									V
									V
Middle	1632	-44.39	-13	-31.39	-57.24	-46.2	0.97	4.93	H
	2448	-57.88	-13	-44.88	-75.7	-59.7	1.27	5.24	H
	3266	-58.11	-13	-45.11	-78.32	-61.4	1.53	6.97	H
									H
									H
									H
	1632	-51.99	-13	-38.99	-65.22	-53.8	0.97	4.93	V
	2448	-59.38	-13	-46.38	-77.64	-61.2	1.27	5.24	V
	3266	-57.61	-13	-44.61	-78.25	-60.9	1.53	6.97	V
									V
									V
									V



LTE Band 26 / 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)
Highest	1640	-44.82	-13	-31.82	-57.15	-46.6	0.97	4.91	H
	2456	-50.26	-13	-37.26	-68.38	-52.1	1.28	5.27	H
	3272	-57.99	-13	-44.99	-78.25	-61.3	1.53	7.00	H
									H
									H
									H
	1640	-48.42	-13	-35.42	-61.78	-50.2	0.97	4.91	V
	2456	-57.46	-13	-44.46	-76.1	-59.3	1.28	5.27	V
	3272	-57.89	-13	-44.89	-78.56	-61.2	1.53	7.00	V
									V
									V
									V

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



LTE Band 26 (824MHz)

LTE Band 26 / 15MHz / 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	1628	-46.88	-13	-33.88	-59.1	-48.7	0.97	4.94	H
	2448	55.12	-13	68.12	-69.79	53.3	1.27	5.24	H
	3256	-57.85	-13	-44.85	-78.17	-61.1	1.53	6.93	H
									H
									H
									H
	1628	-48.58	-13	-35.58	-61.94	-50.4	0.97	4.94	V
	2448	-58.88	-13	-45.88	-77.35	-60.7	1.27	5.24	V
	3256	-57.65	-13	-44.65	-78.11	-60.9	1.53	6.93	V
									V
									V
									V

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

————THE END————