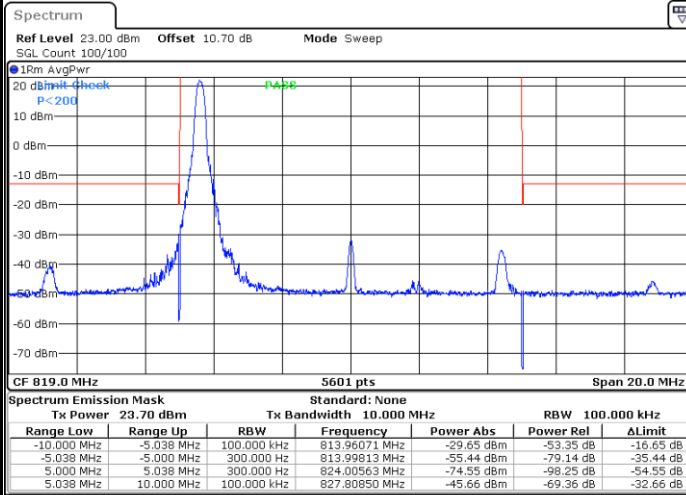


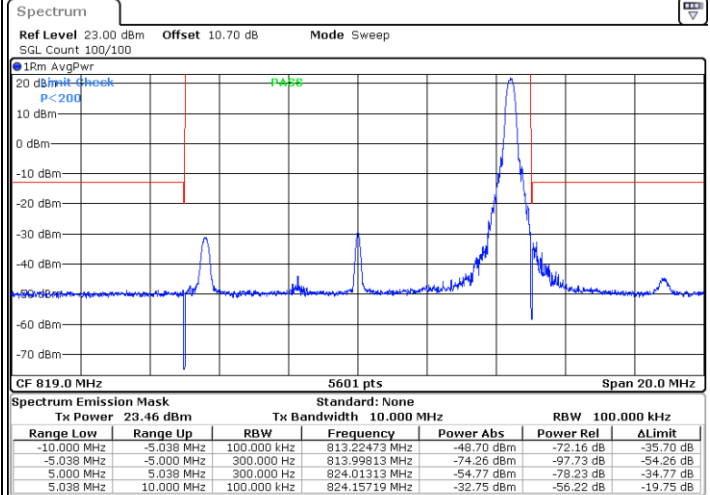


LTE Band 26 / 10MHz / 16QAM

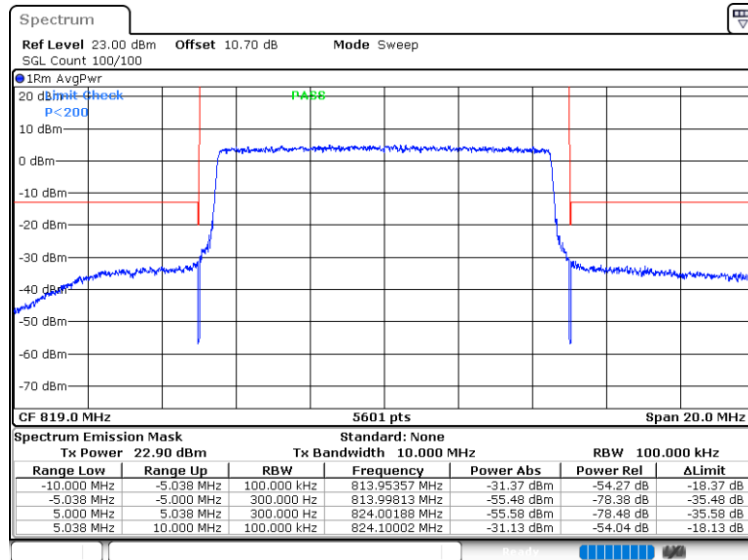
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



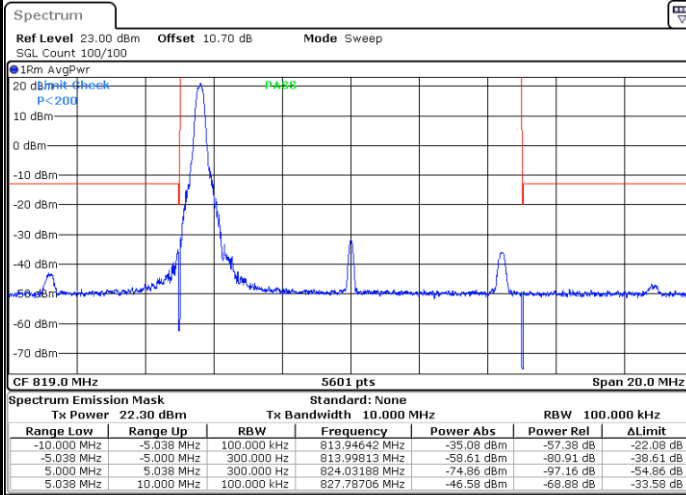
Lowest Band Edge / Full RB



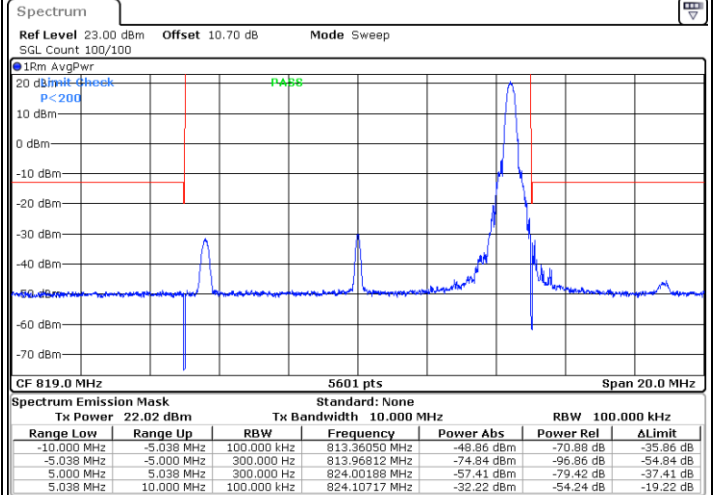


LTE Band 26 / 10MHz / 64QAM

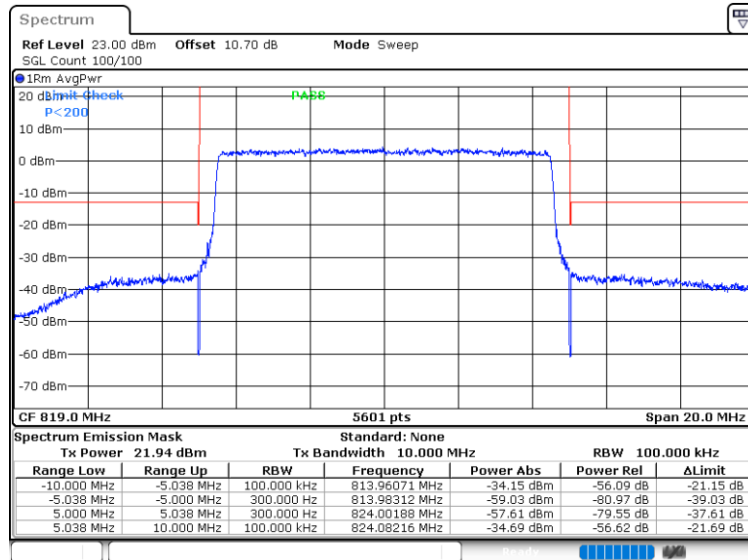
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



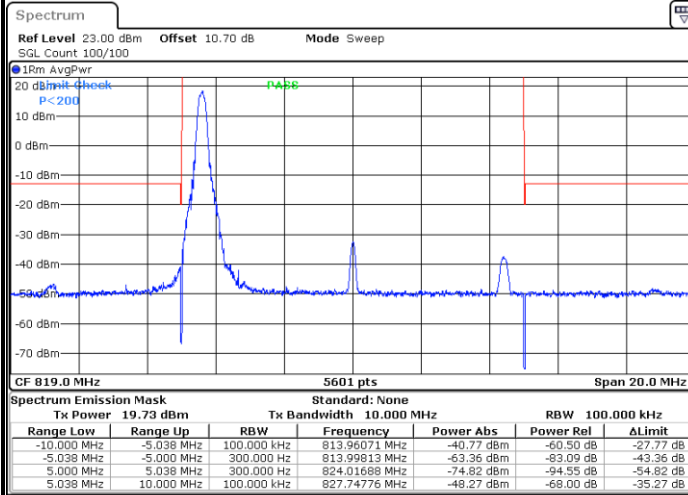
Lowest Band Edge / Full RB



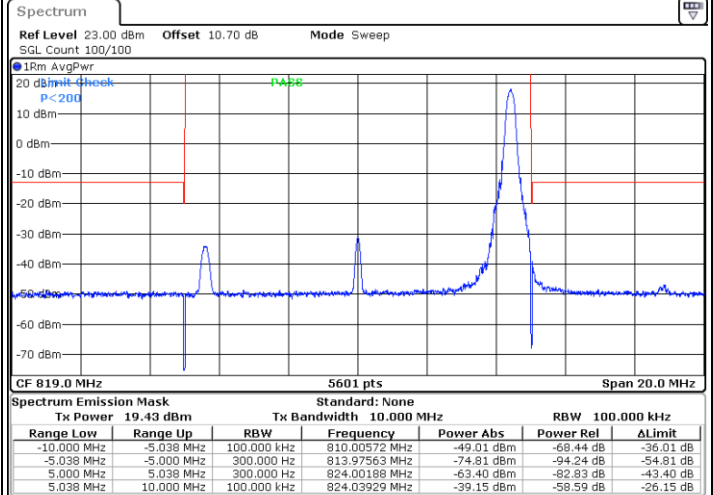


LTE Band 26 / 10MHz / 256QAM

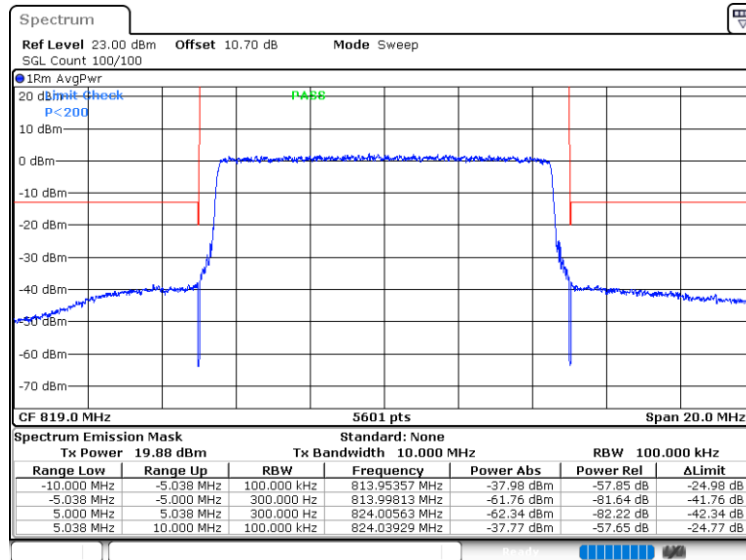
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



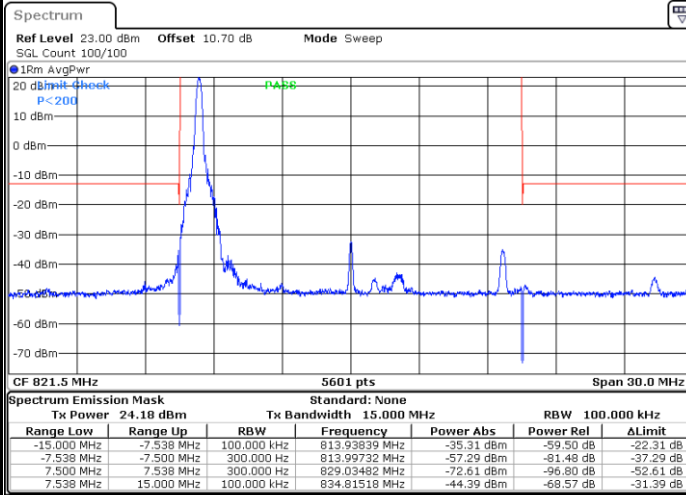
Lowest Band Edge / Full RB



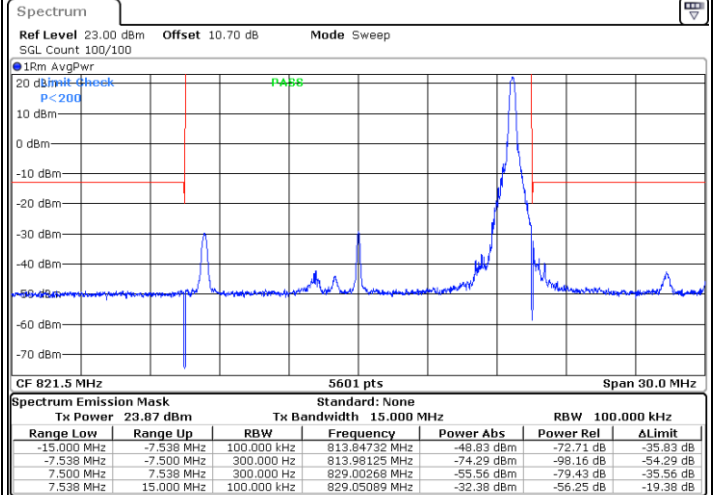


LTE Band 26 / 15MHz / QPSK

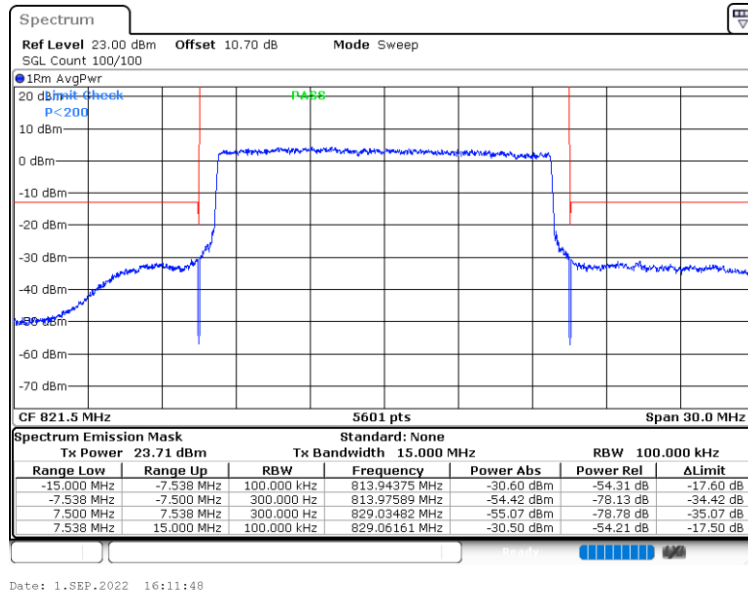
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



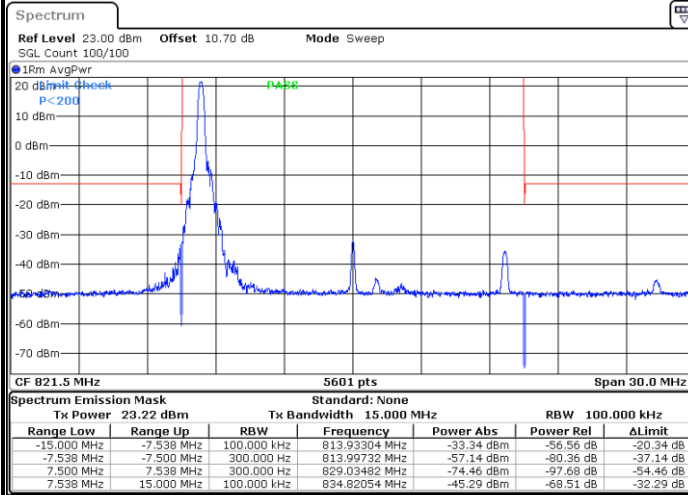
Lowest Band Edge / Full RB



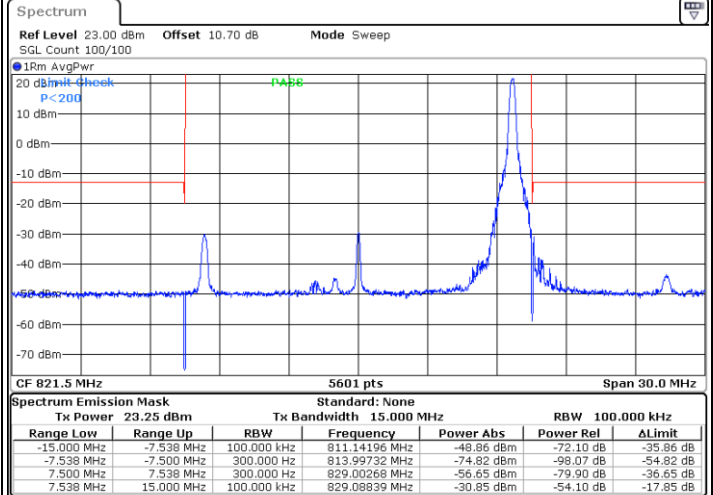


LTE Band 26 / 15MHz / 16QAM

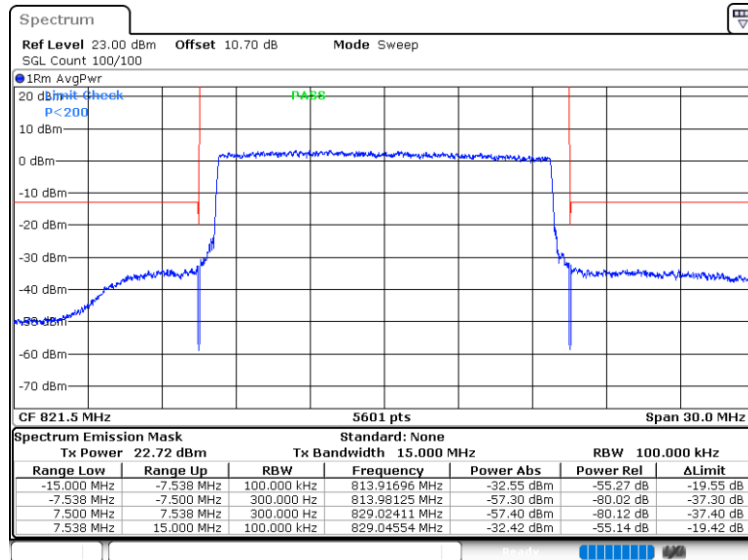
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



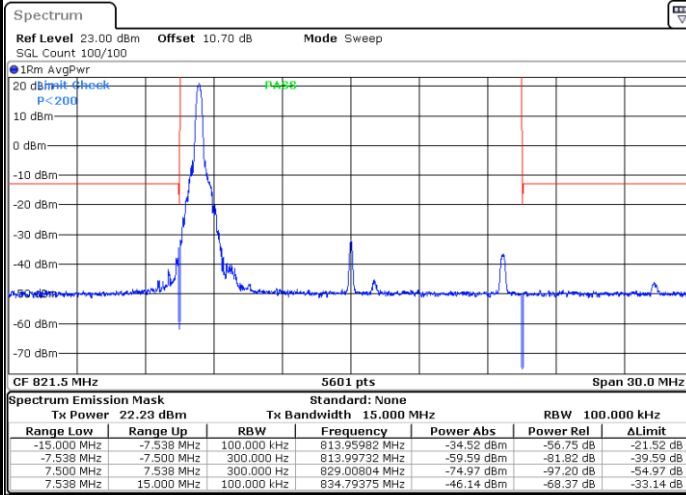
Lowest Band Edge / Full RB



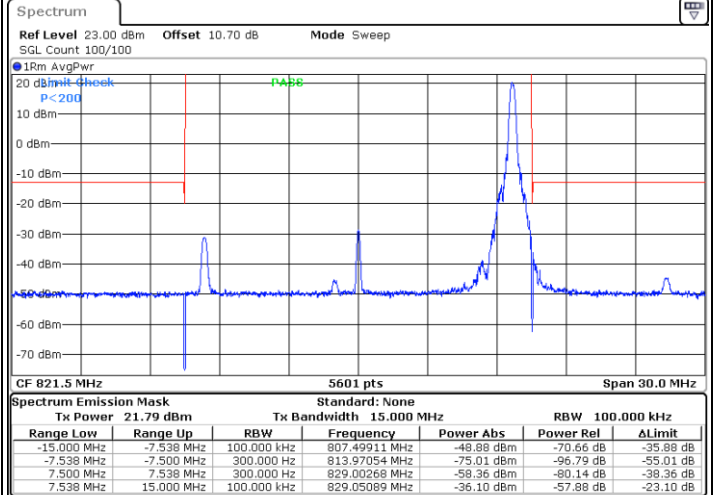


LTE Band 26 / 15MHz / 64QAM

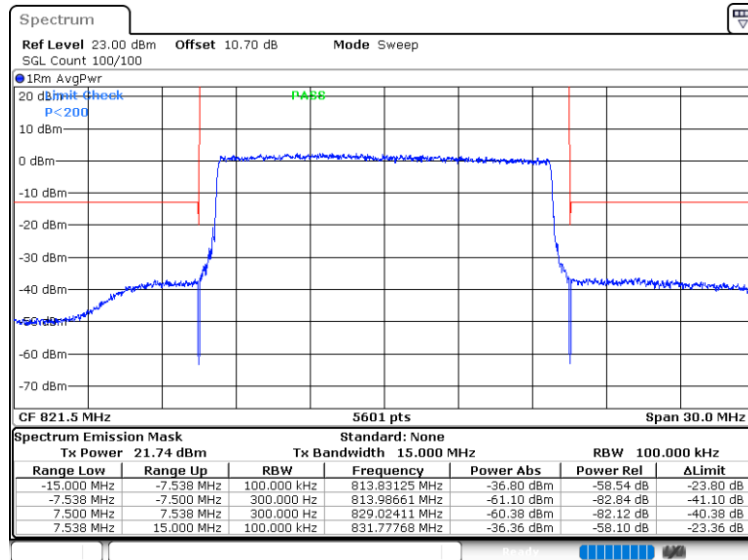
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



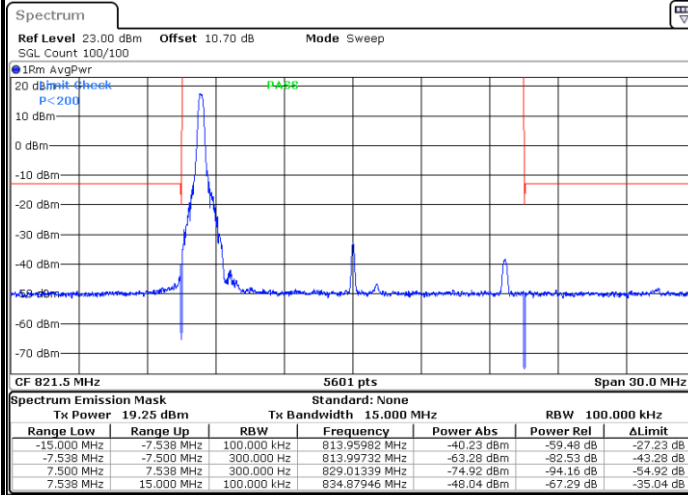
Lowest Band Edge / Full RB



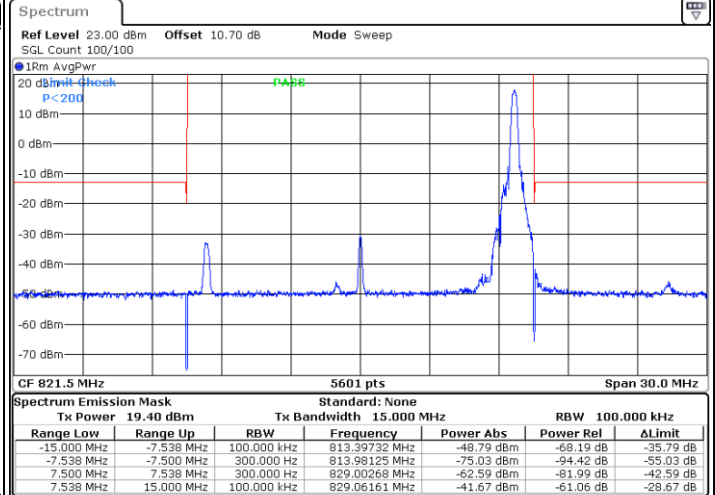


LTE Band 26 / 15MHz / 256QAM

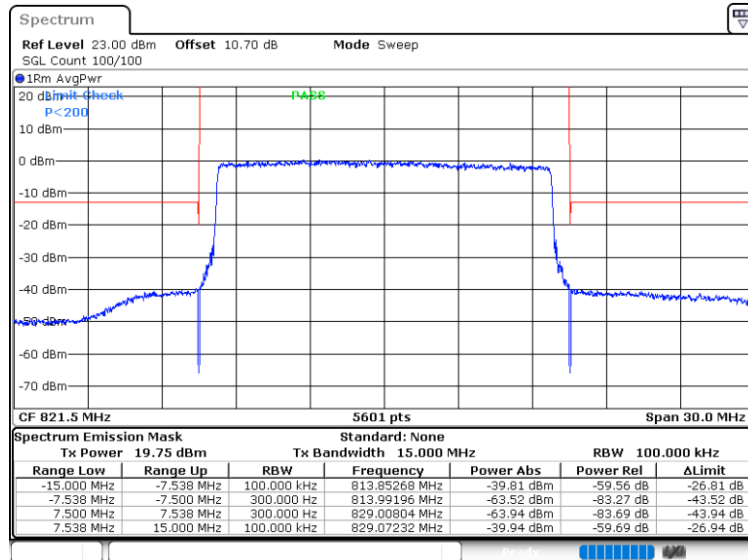
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

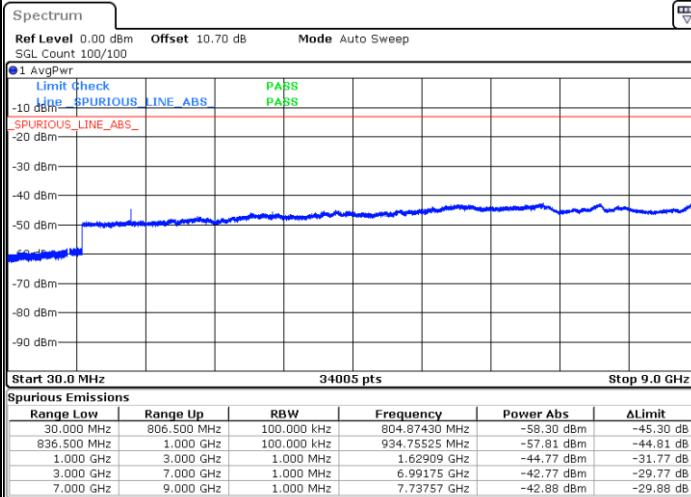




Emission masks – Out of band emissions

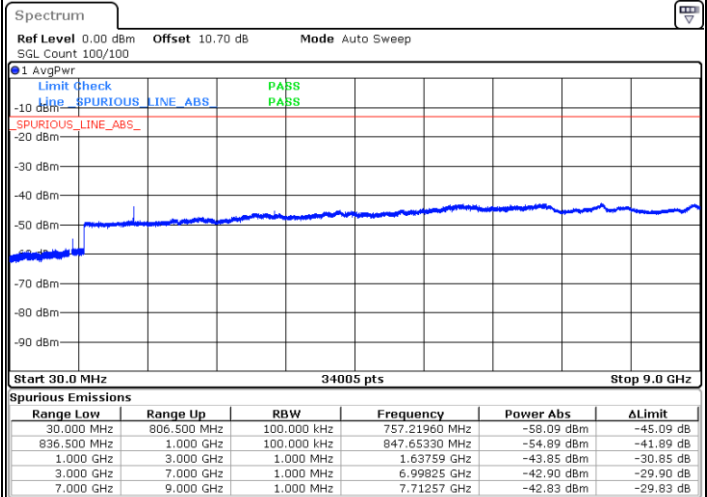
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



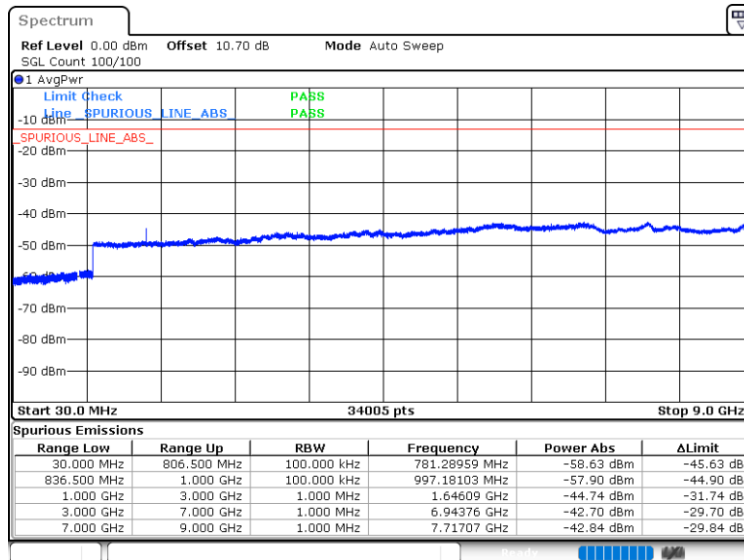
Date: 1.SEP.2022 15:24:04

Middle Channel / QPSK



Date: 1.SEP.2022 15:26:45

Highest Channel / QPSK

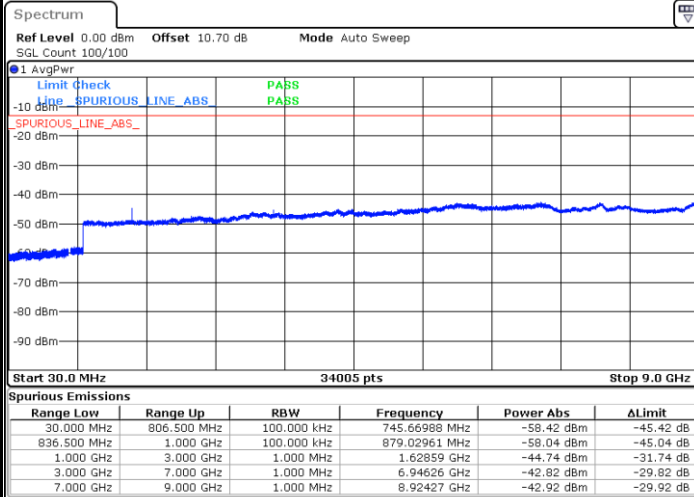


Date: 1.SEP.2022 15:27:50



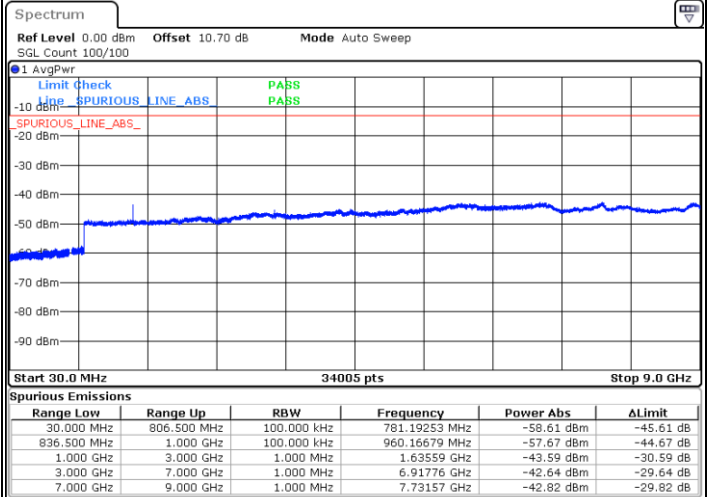
LTE Band 26 / 3MHz

Lowest Channel / QPSK



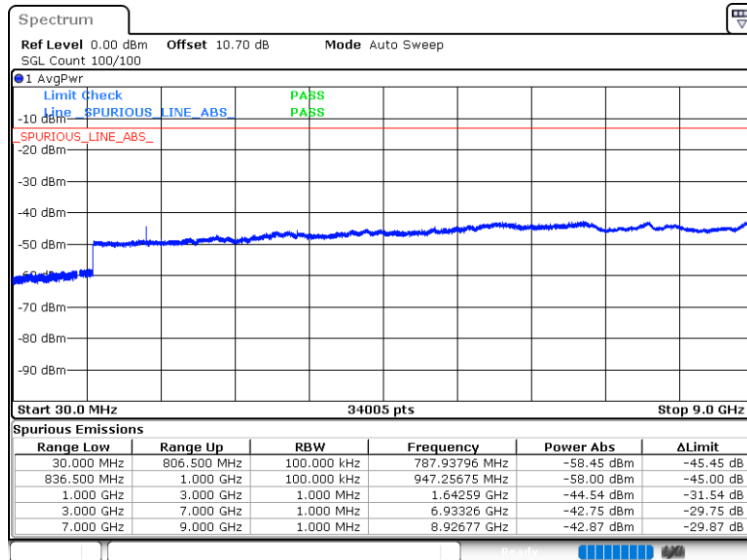
Date: 1.SEP.2022 15:37:31

Middle Channel / QPSK



Date: 1.SEP.2022 15:41:00

Highest Channel / QPSK

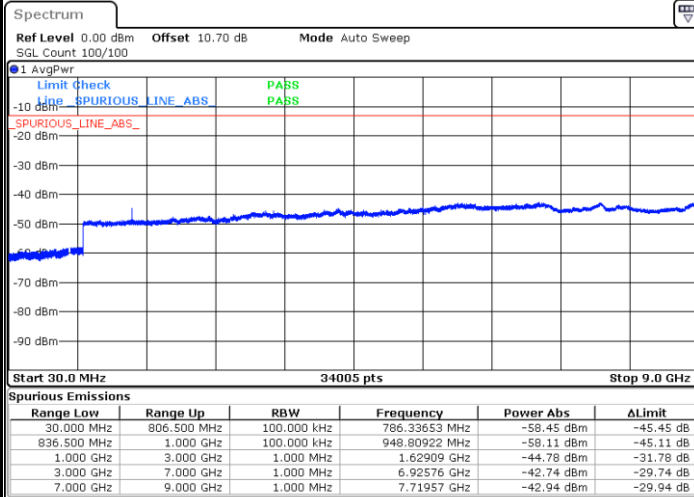


Date: 1.SEP.2022 15:42:05



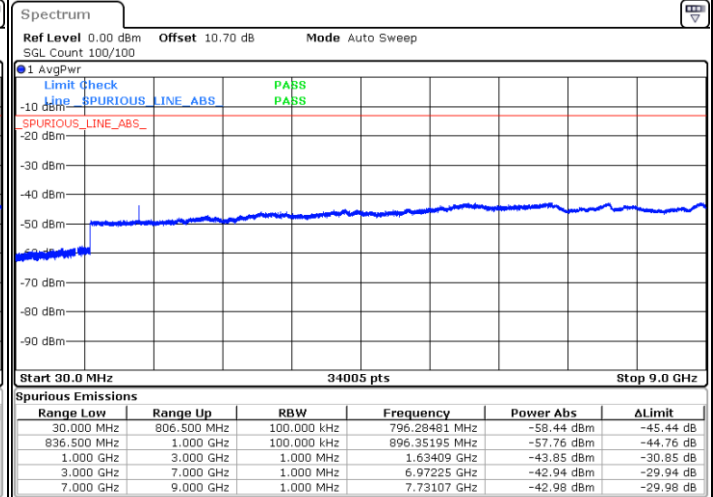
LTE Band 26 / 5MHz

Lowest Channel / QPSK



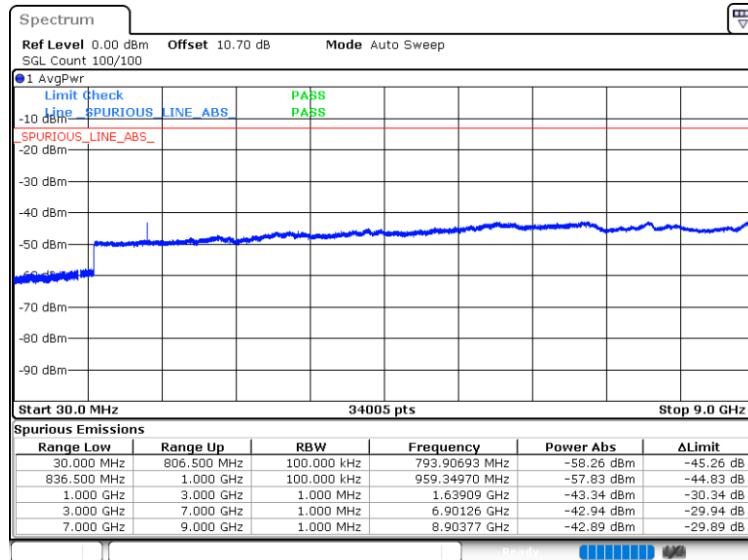
Date: 1.SEP.2022 15:49:44

Middle Channel / QPSK



Date: 1.SEP.2022 15:52:25

Highest Channel / QPSK

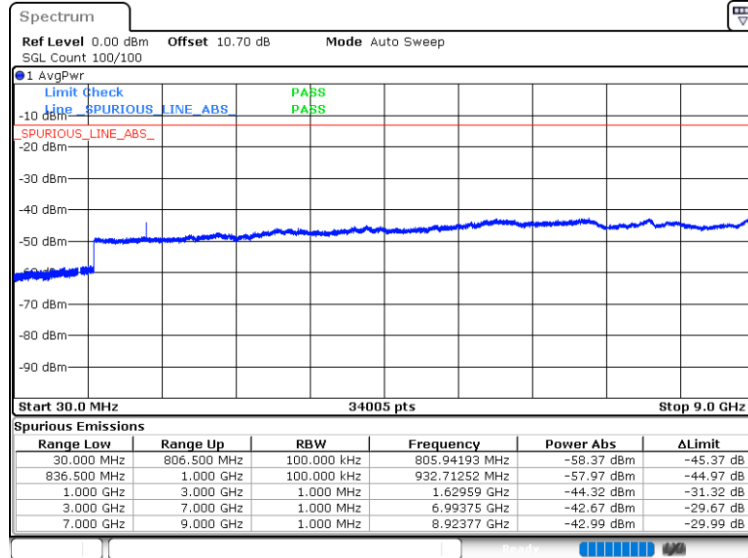


Date: 1.SEP.2022 15:53:30



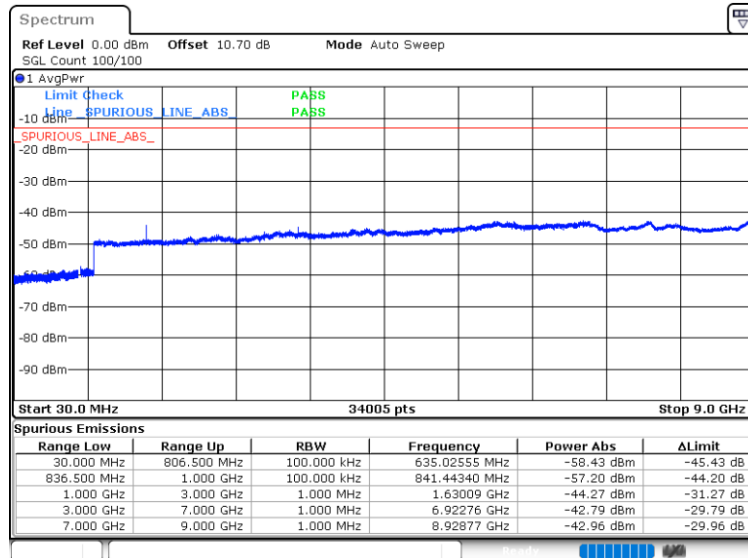
LTE Band 26 / 10MHz

Middle Channel / QPSK



LTE Band 26 / 15MHz

Middle Channel / QPSK



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0038	PASS
40	Normal Voltage	0.0088	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0062	
-10	Normal Voltage	0.0060	
-20	Normal Voltage	0.0176	
-30	Normal Voltage	0.0169	
20	Maximum Voltage	0.0055	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0167	

Note:

1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0139	PASS
40	Normal Voltage	0.0054	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0116	
0	Normal Voltage	0.0086	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0093	
20	Maximum Voltage	0.0056	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0077	

Note:

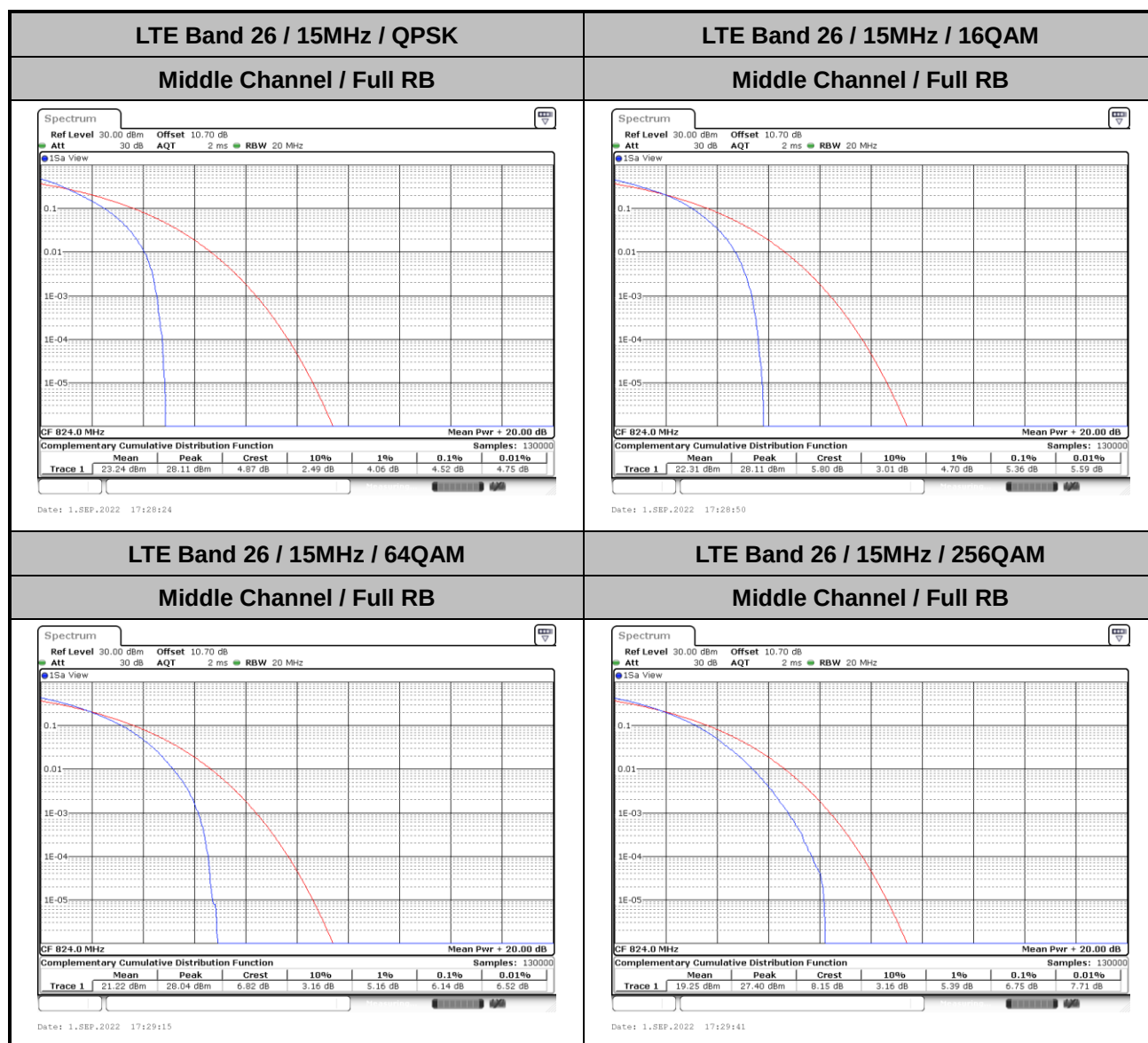
1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26_824MHz

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.52	5.36	6.14	6.75	PASS



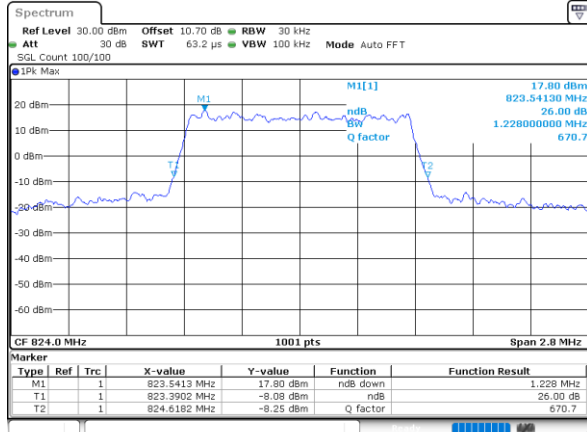
**26dB Bandwidth**

Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.23	1.19	3.06	2.98	4.93	4.84	9.85	9.93	14.24	14.51	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.22	1.25	3.06	3.03	4.91	4.86	9.73	9.69	14.45	14.18	-	-

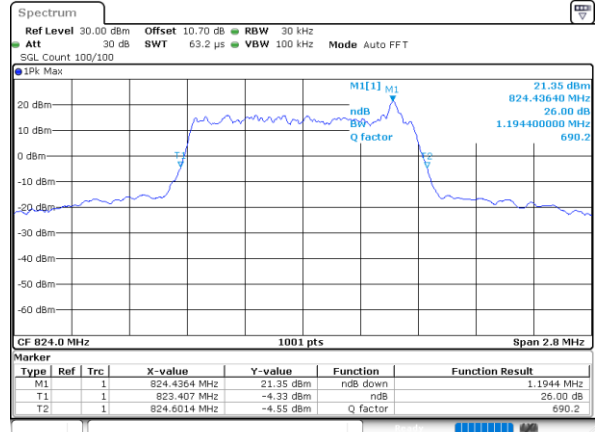


LTE Band 26

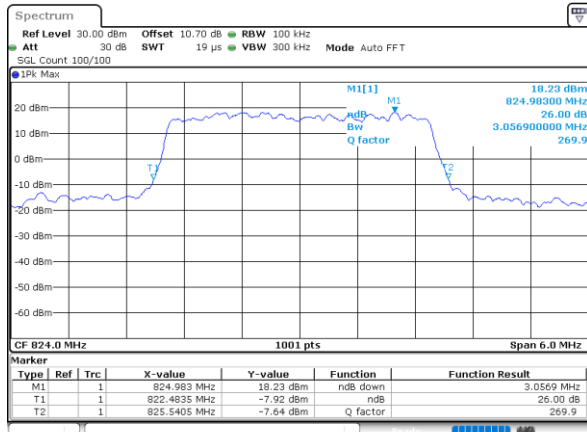
Middle Channel / 1.4MHz / QPSK



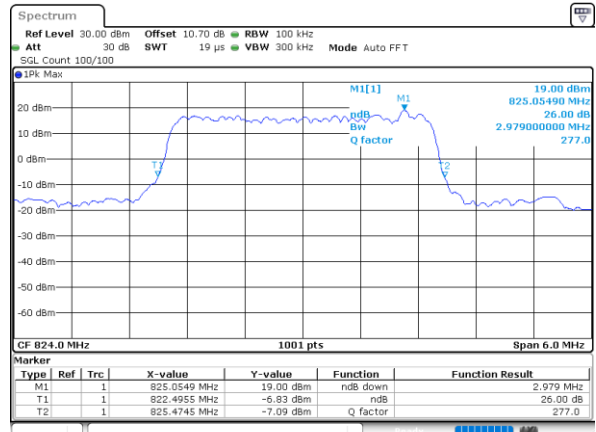
Middle Channel / 1.4MHz / 16QAM



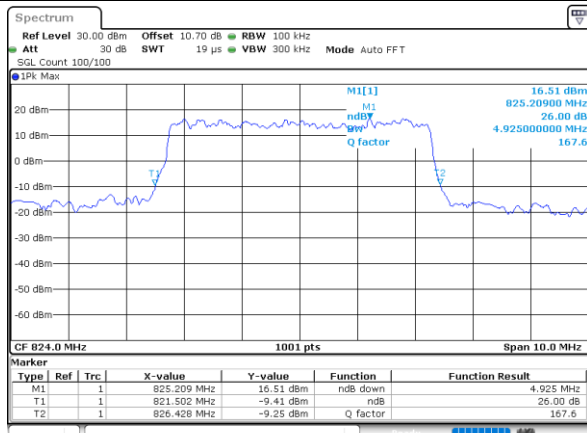
Middle Channel / 3MHz / QPSK



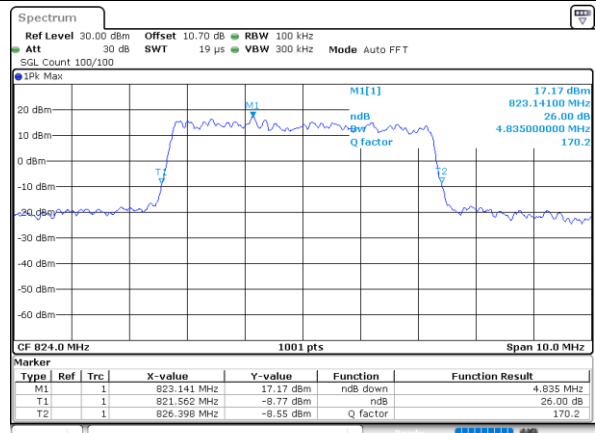
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



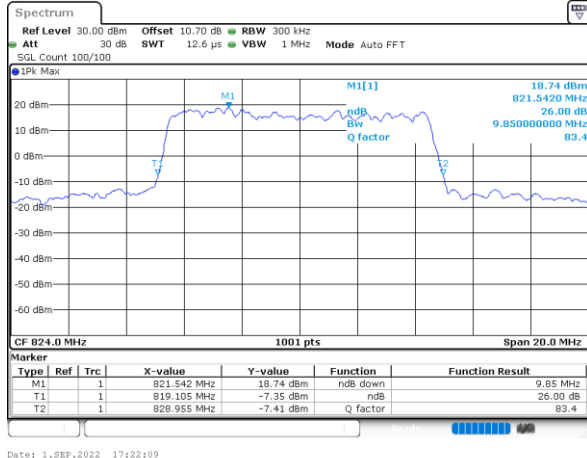
Middle Channel / 5MHz / 16QAM



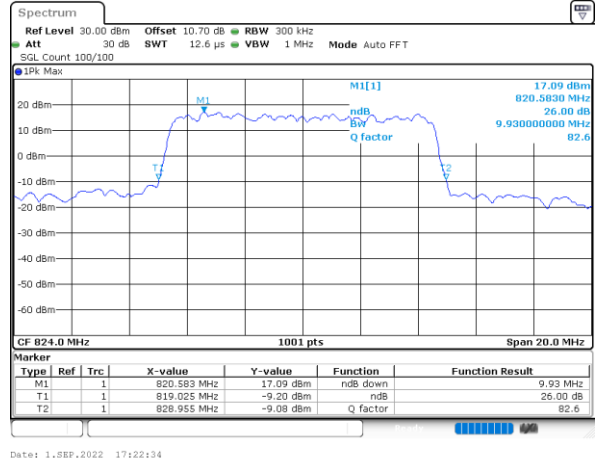


LTE Band 26

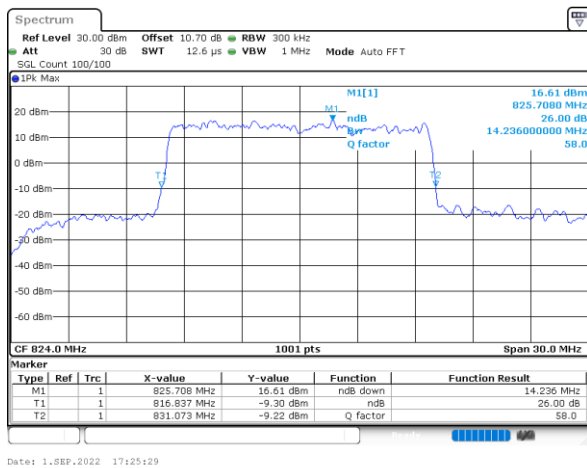
Middle Channel / 10MHz / QPSK



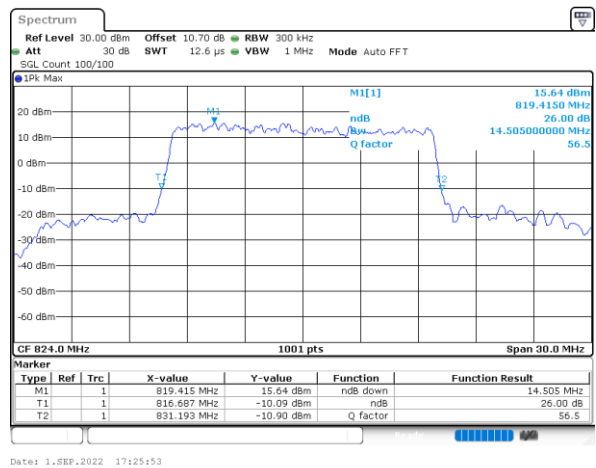
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



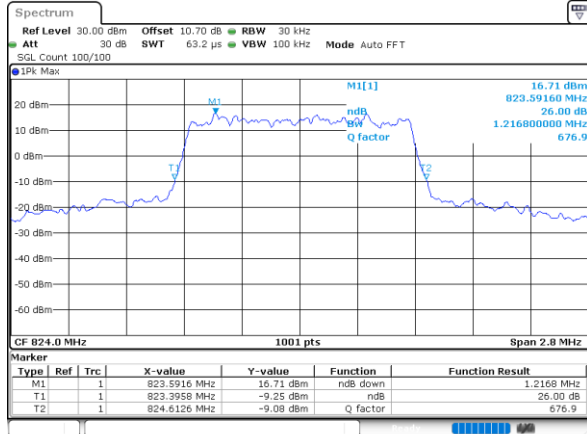
Middle Channel / 15MHz / 16QAM



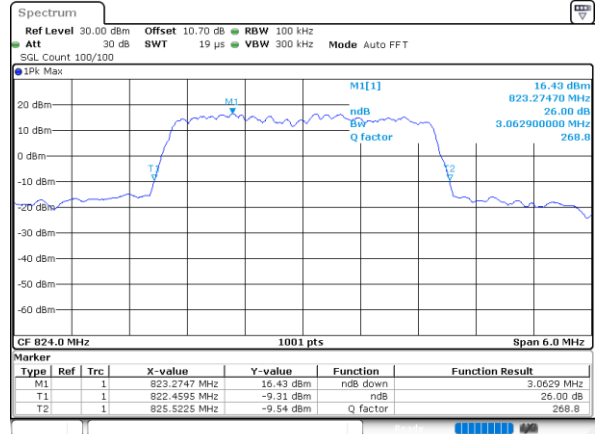


LTE Band 26

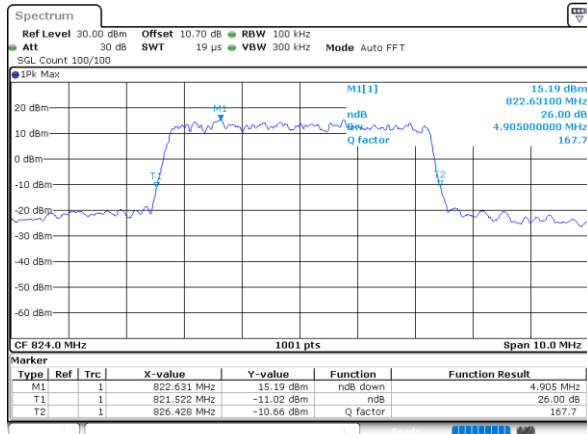
Middle Channel / 1.4MHz / 64QAM



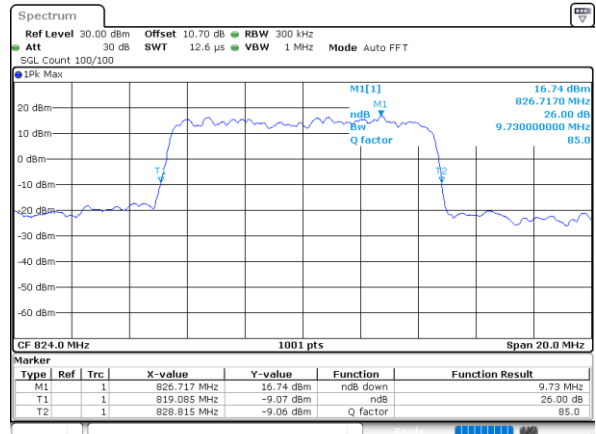
Middle Channel / 3MHz / 64QAM



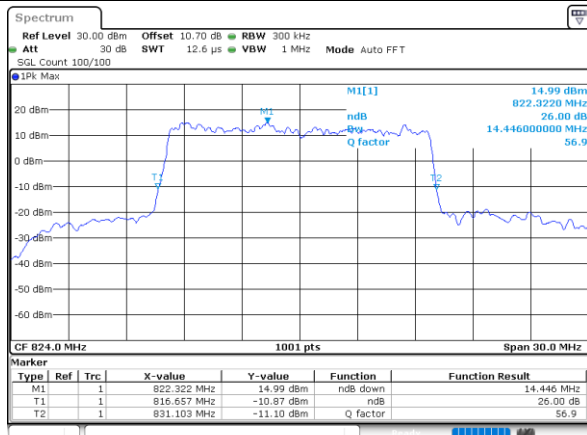
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

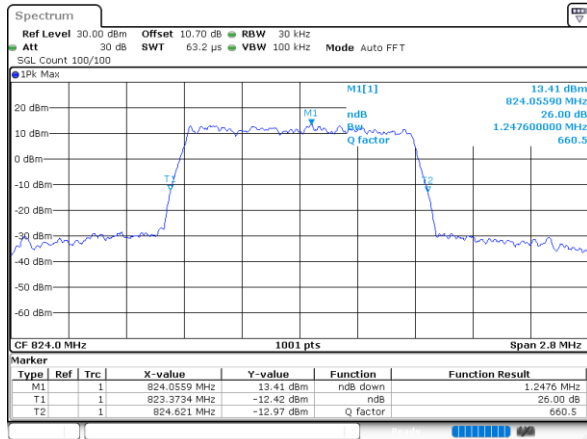


N/A

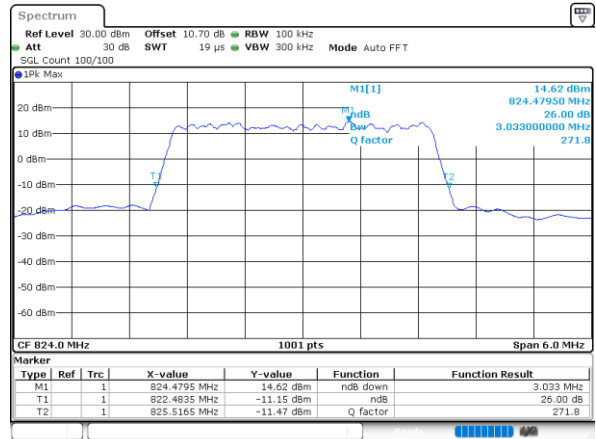


LTE Band 26

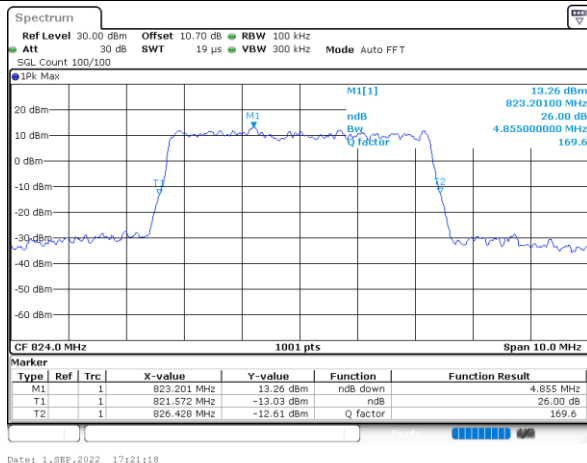
Middle Channel / 1.4MHz / 256QAM



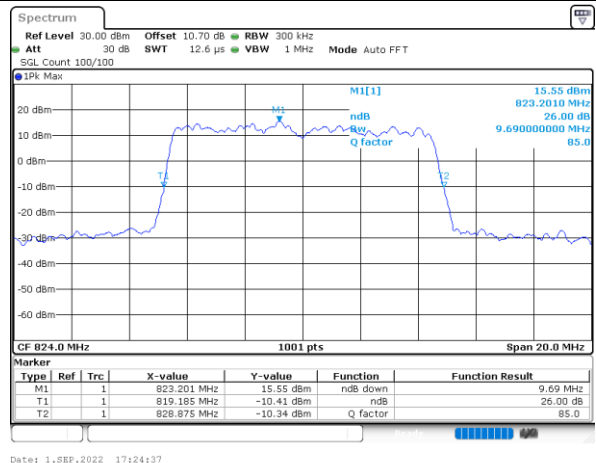
Middle Channel / 3MHz / 256QAM



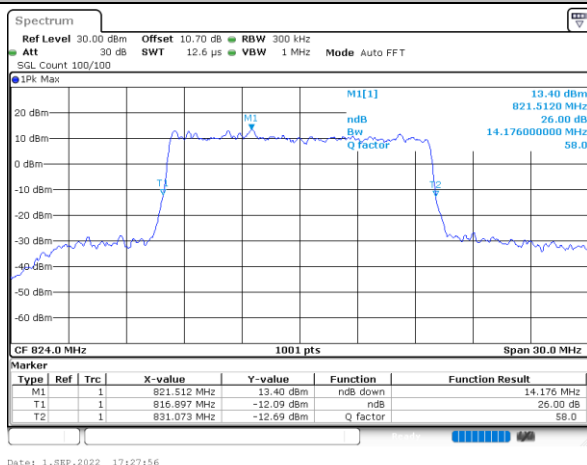
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



N/A

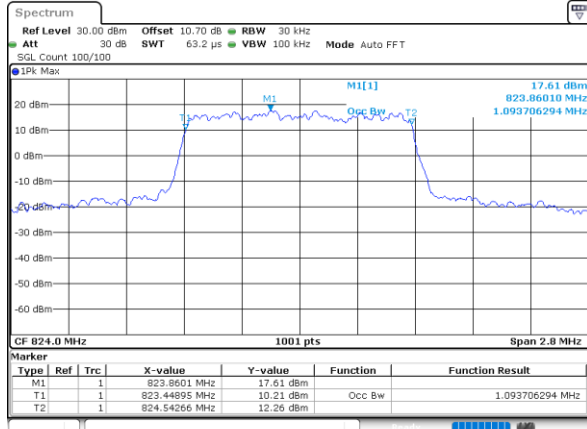
**Occupied Bandwidth**

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	1.10	2.72	2.73	4.48	4.51	8.99	9.03	13.43	13.43	-	-
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	1.10	1.10	2.75	2.72	4.49	4.50	8.99	9.01	13.49	13.43	-	-

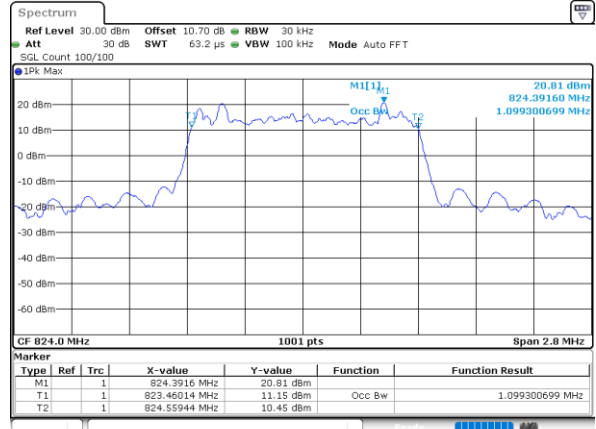


LTE Band 26

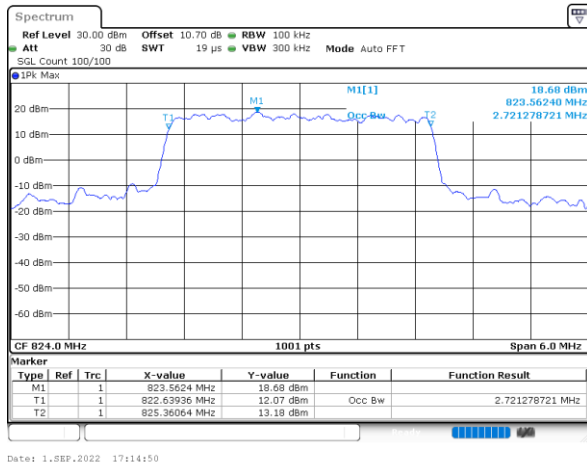
Middle Channel / 1.4MHz / QPSK



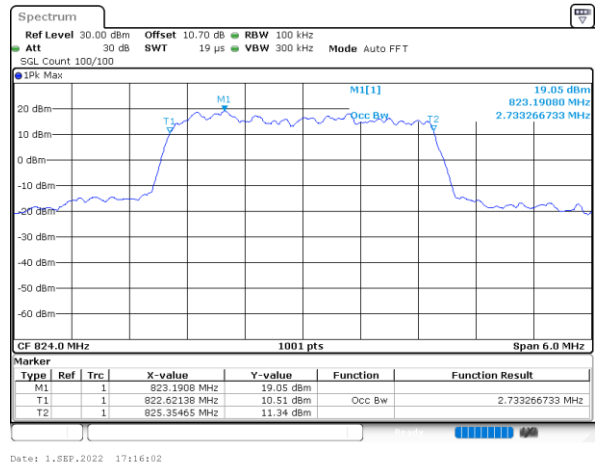
Middle Channel / 1.4MHz / 16QAM



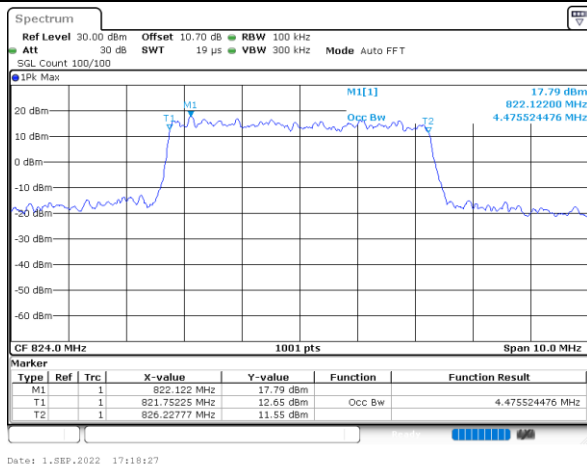
Middle Channel / 3MHz / QPSK



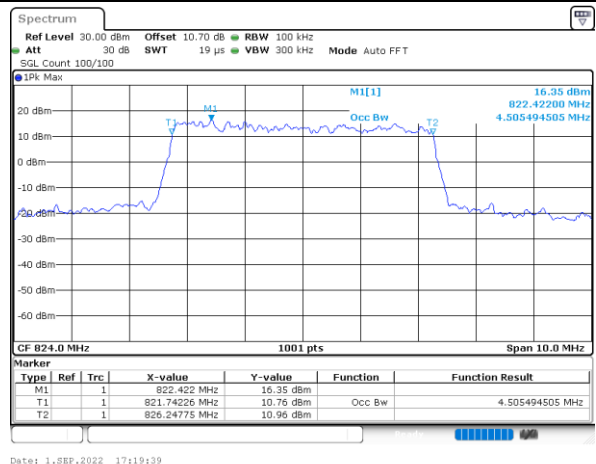
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



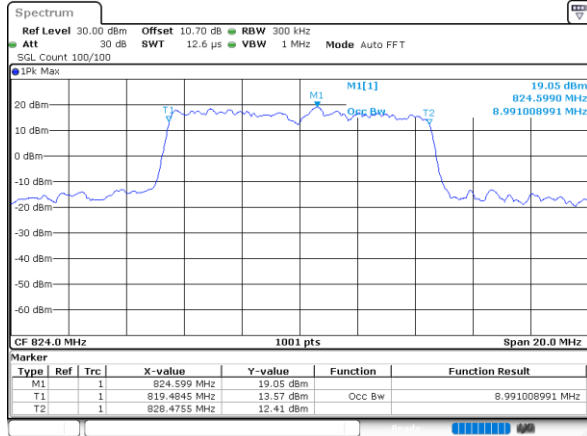
Middle Channel / 5MHz / 16QAM



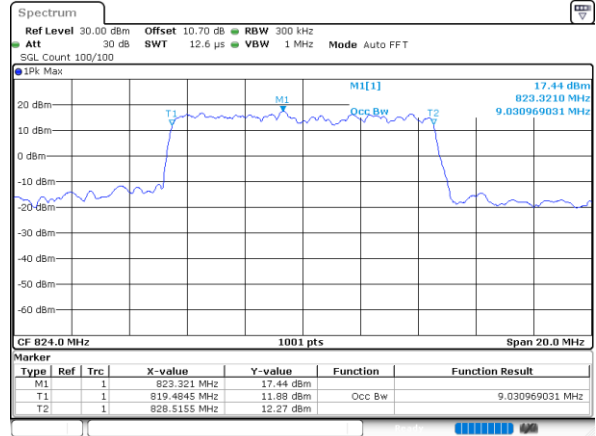


LTE Band 26

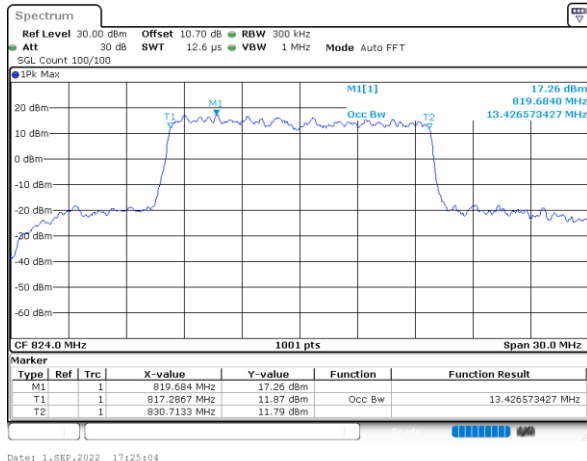
Middle Channel / 10MHz / QPSK



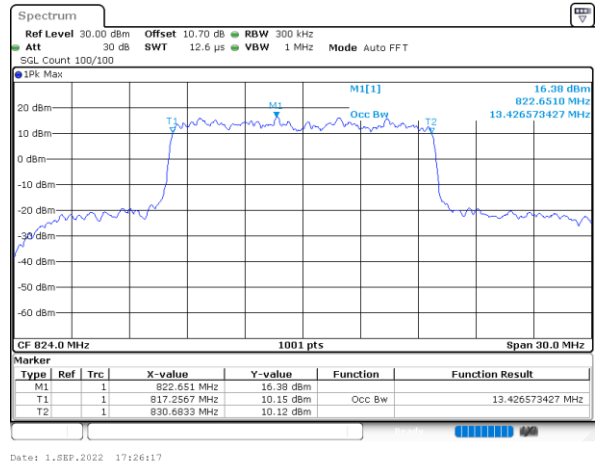
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



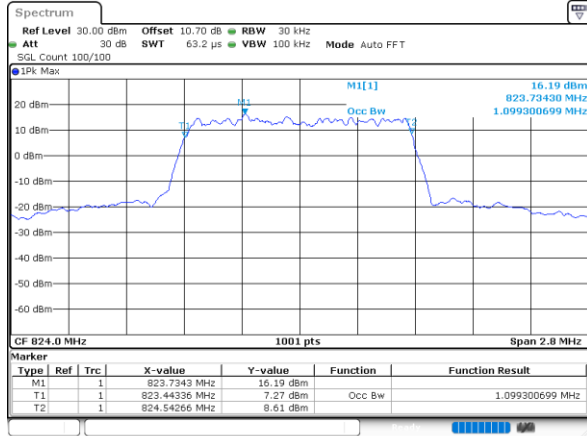
Middle Channel / 15MHz / 16QAM



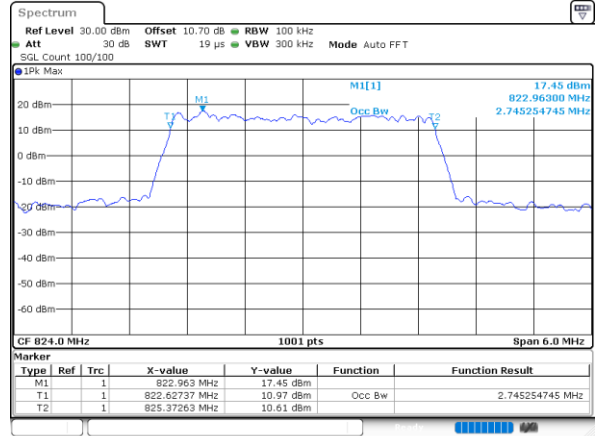


LTE Band 26

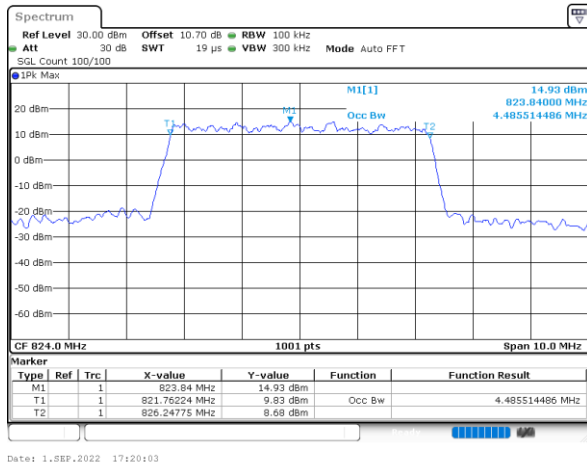
Middle Channel / 1.4MHz / 64QAM



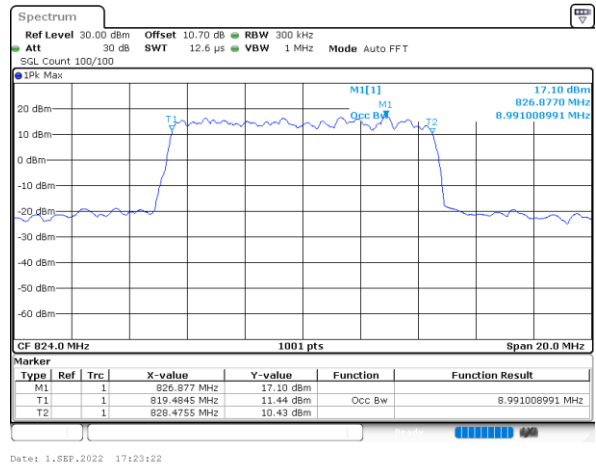
Middle Channel / 3MHz / 64QAM



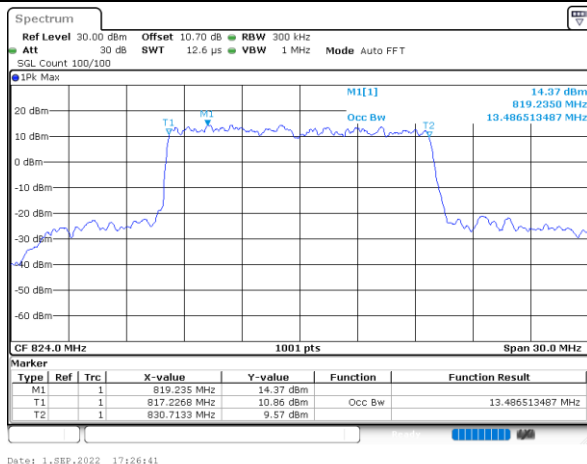
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

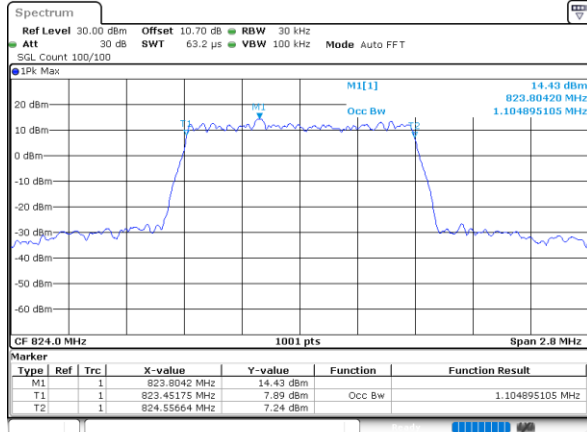


N/A

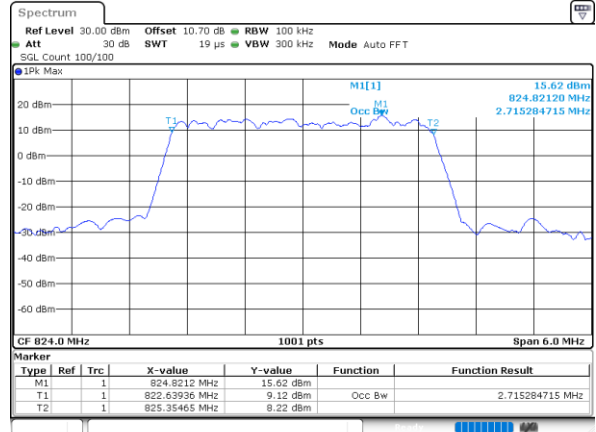


LTE Band 26

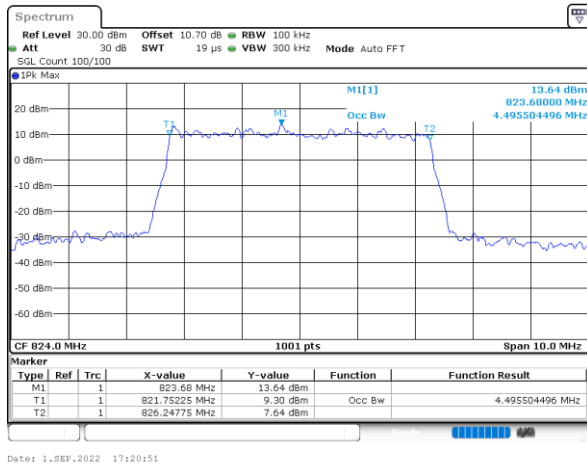
Middle Channel / 1.4MHz / 256QAM



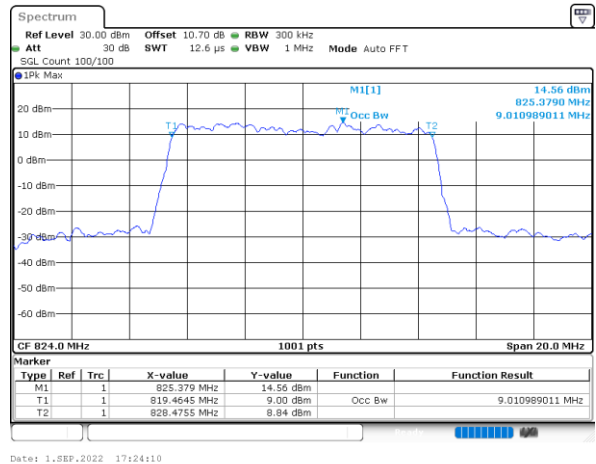
Middle Channel / 3MHz / 256QAM



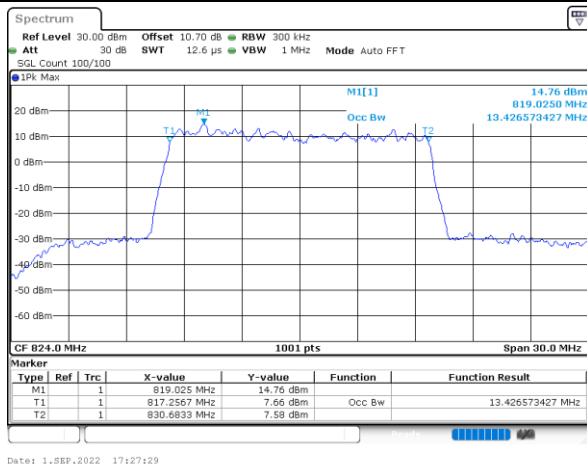
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



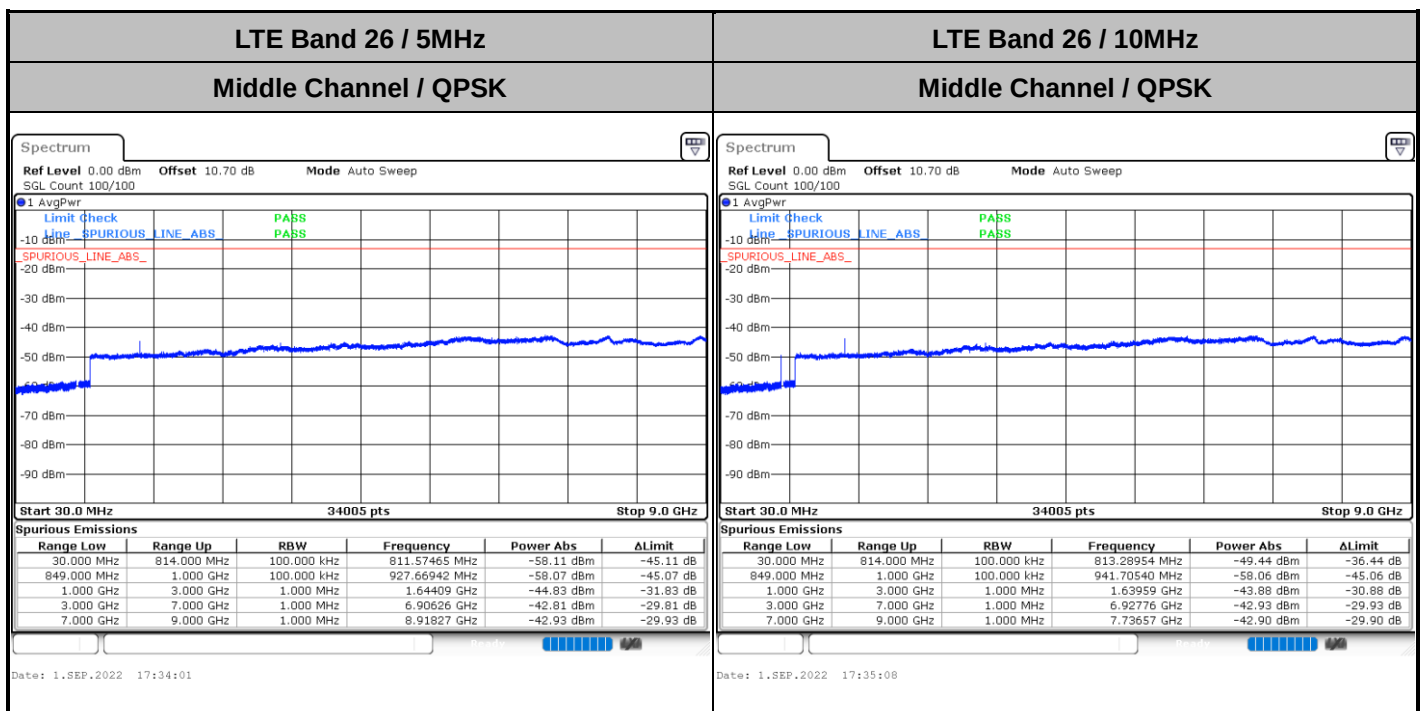
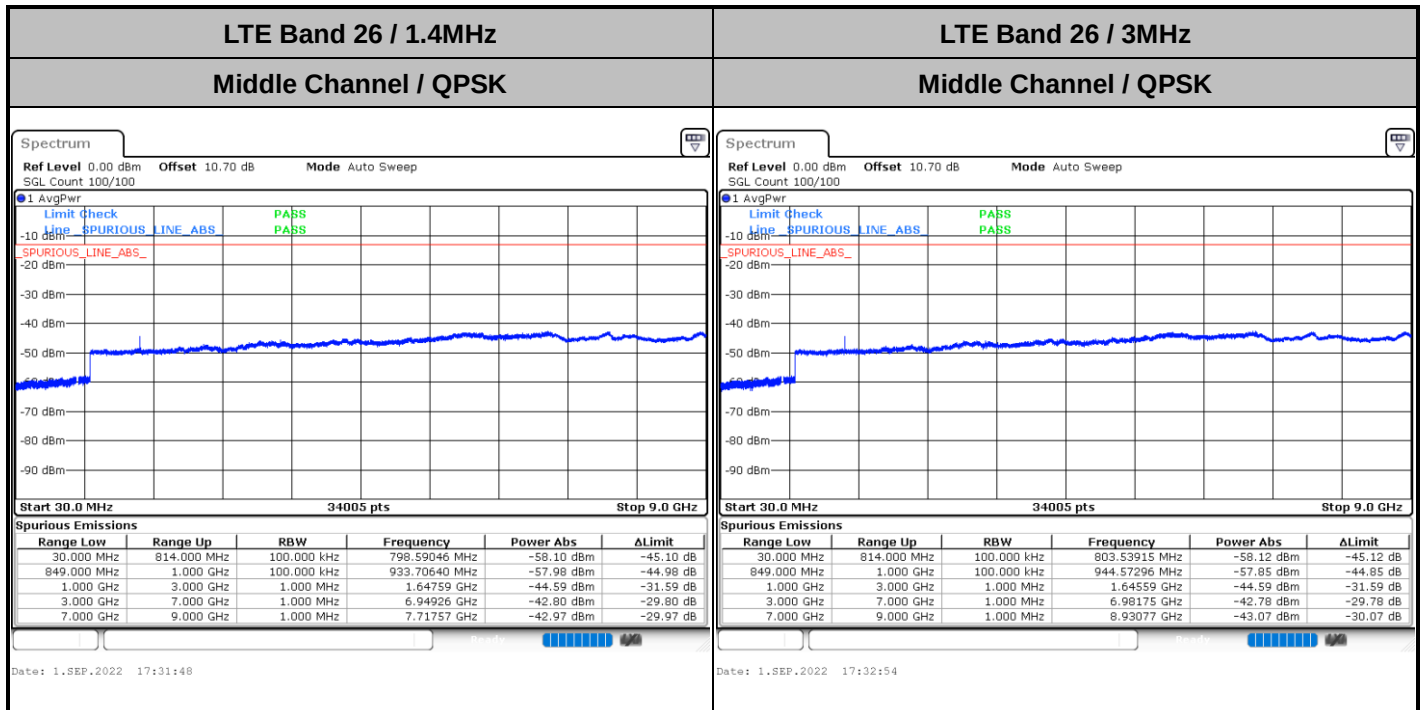
Middle Channel /15MHz / 256QAM

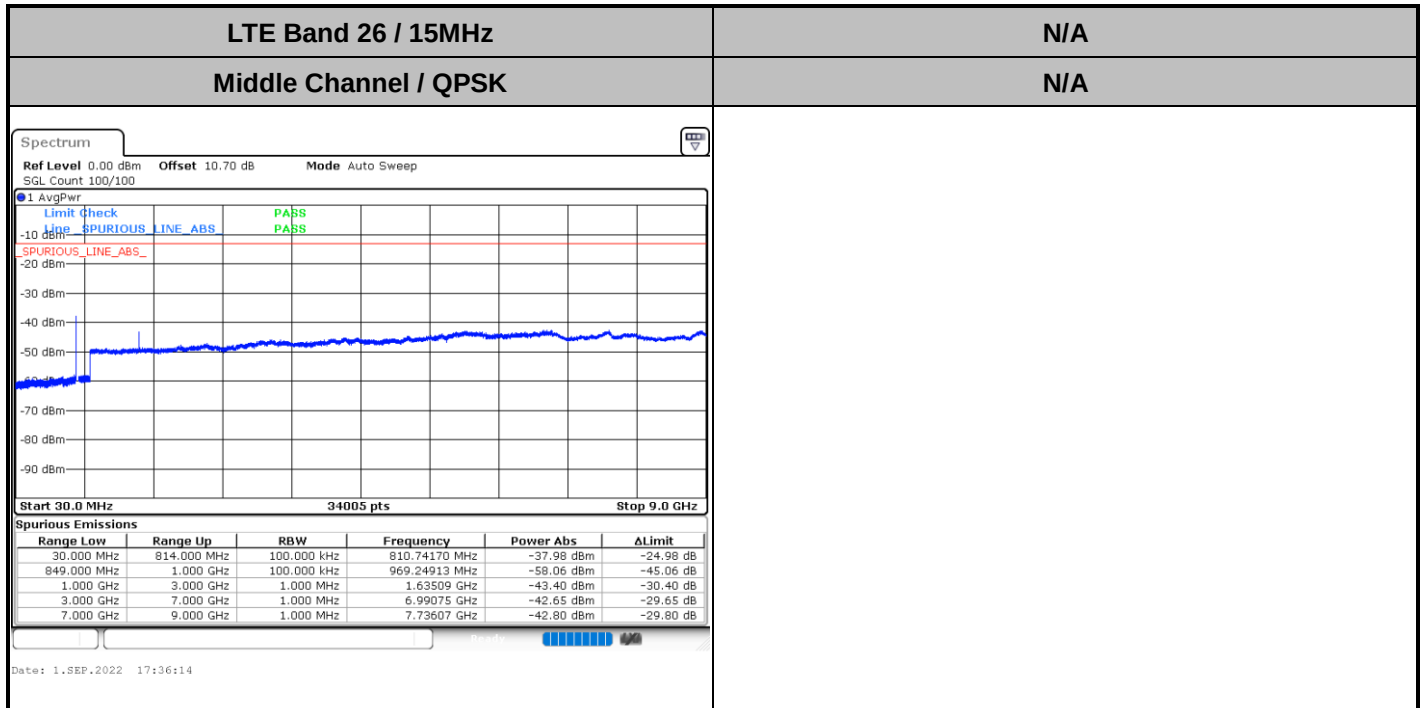


N/A



Conducted Spurious Emission





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	0.0011	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0116	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0147	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0057	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 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)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1632	-57.88	-13	-44.88	-69.57	-64.24	0.80	9.31	H
	2440	-55.96	-13	-42.96	-70.69	-62.97	1.04	10.20	H
	3256	-53.10	-13	-40.10	-70.9	-61.65	1.11	11.81	H
									H
									H
									H
									H
	1632	-65.00	-13	-52.00	-70.28	-71.36	0.80	9.31	V
	2440	-56.16	-13	-43.16	-70.94	-63.17	1.04	10.20	V
	3256	-52.88	-13	-39.88	-70.97	-61.43	1.11	11.81	V
									V
									V
									V
									V
Middle	1632	-58.08	-13	-45.08	-69.77	-64.44	0.80	9.31	H
	2451	-56.37	-13	-43.37	-71.11	-63.42	1.06	10.26	H
	3264	-53.26	-13	-40.26	-71.08	-61.86	1.11	11.85	H
									H
									H
									H
									H
	1632	-58.37	-13	-45.37	-69.95	-64.73	0.80	9.31	V
	2451	-56.11	-13	-43.11	-70.9	-63.16	1.06	10.26	V
	3264	-52.62	-13	-39.62	-70.8	-61.22	1.11	11.85	V
									V
									V
									V
									V



Highest	1640	-57.96	-13	-44.96	-69.65	-64.34	0.81	9.34	H
	2458	-55.68	-13	-42.68	-70.41	-62.76	1.06	10.29	H
	3280	-53.02	-13	-40.02	-70.85	-61.70	1.11	11.94	H
									H
									H
									H
									H
	1640	-57.53	-13	-44.53	-69.13	-63.91	0.81	9.34	V
	2458	-55.68	-13	-42.68	-70.46	-62.76	1.06	10.29	V
	3280	-52.74	-13	-39.74	-70.86	-61.42	1.11	11.94	V
									V
									V
									V
									V

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



LTE Band 26 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1632	-58.56	-13	-45.56	-70.29	-64.92	0.80	9.31	H
	2443	-56.13	-13	-43.13	-70.86	-63.15	1.05	10.22	H
	3256	-53.38	-13	-40.38	-71.18	-61.93	1.11	11.81	H
									H
									H
									H
									H
	1632	-58.25	-13	-45.25	-69.83	-64.61	0.80	9.31	V
	2443	-56.25	-13	-43.25	-71.03	-63.27	1.05	10.22	V
	3256	-52.72	-13	-39.72	-70.81	-61.27	1.11	11.81	V
									V
									V
									V
									V

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



LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1632	-57.25	-13	-44.25	-68.94	-63.61	0.80	9.31	H
	2448	-56.11	-13	-43.11	-70.85	-63.15	1.05	10.24	H
	3256	-52.76	-13	-39.76	-70.56	-61.31	1.11	11.81	H
									H
									H
									H
									H
	1632	-58.17	-13	-45.17	-69.75	-64.53	0.80	9.31	V
	2448	-55.81	-13	-42.81	-70.6	-62.85	1.05	10.24	V
	3256	-52.63	-13	-39.63	-70.72	-61.18	1.11	11.81	V
									V
									V
									V
									V

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