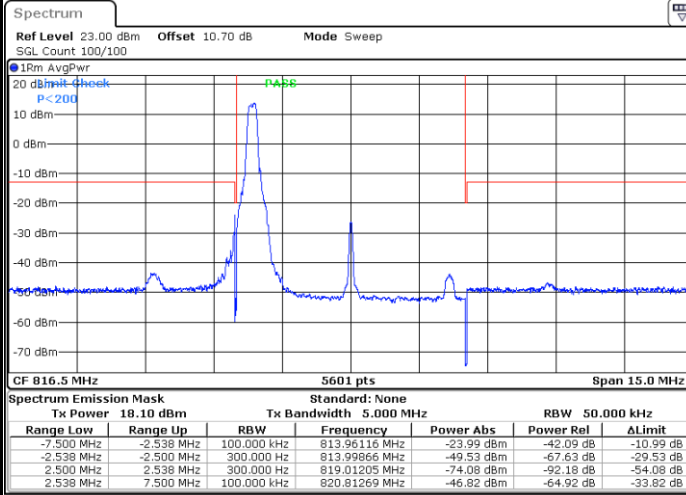


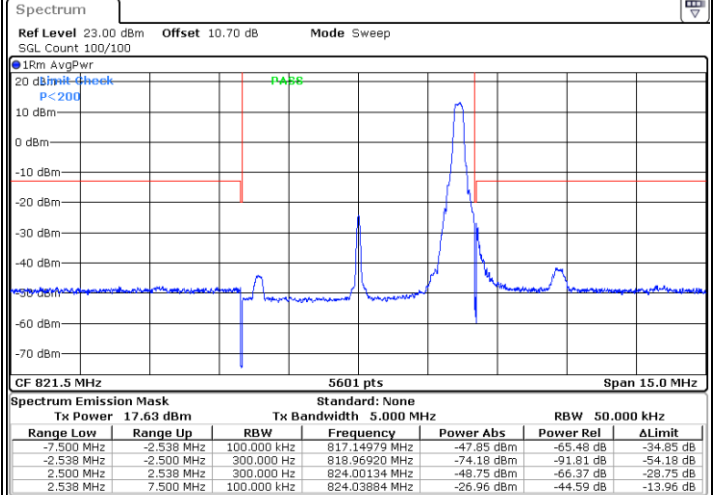


LTE Band 26 / 5MHz / 256QAM

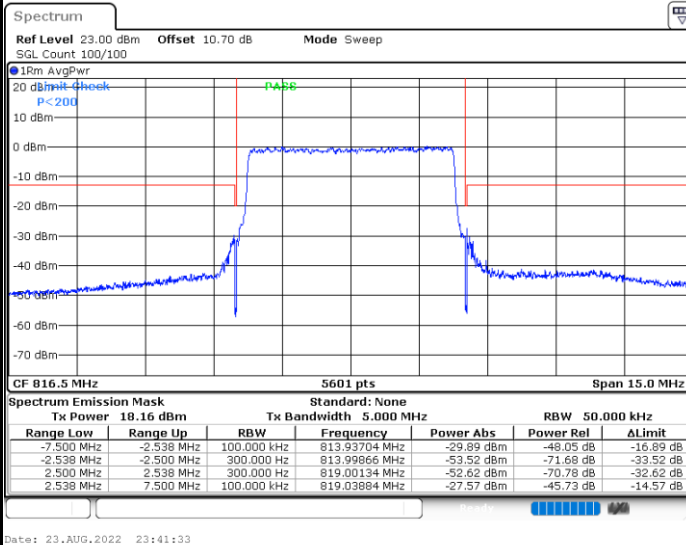
Lowest Band Edge / 1RB



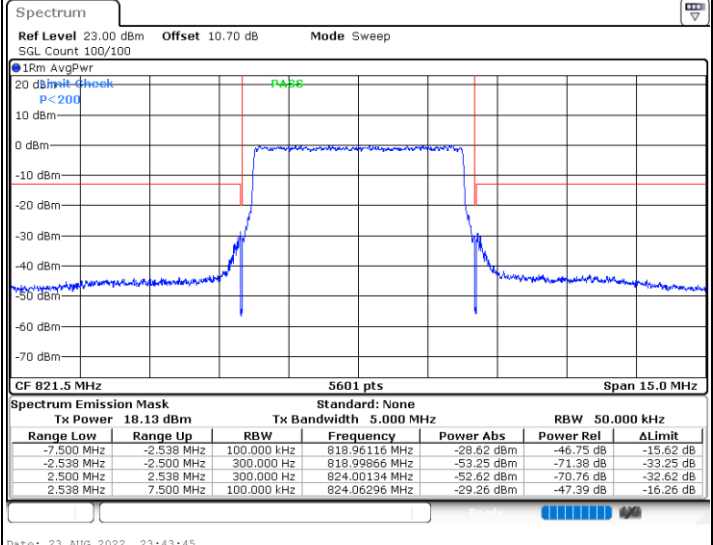
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



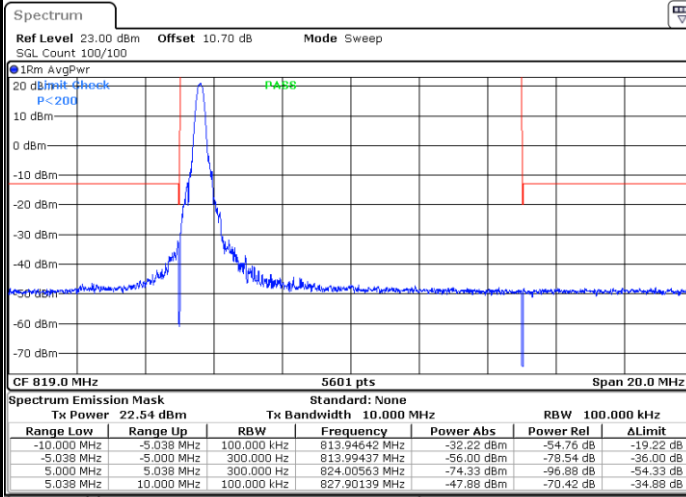
Highest Band Edge / Full RB





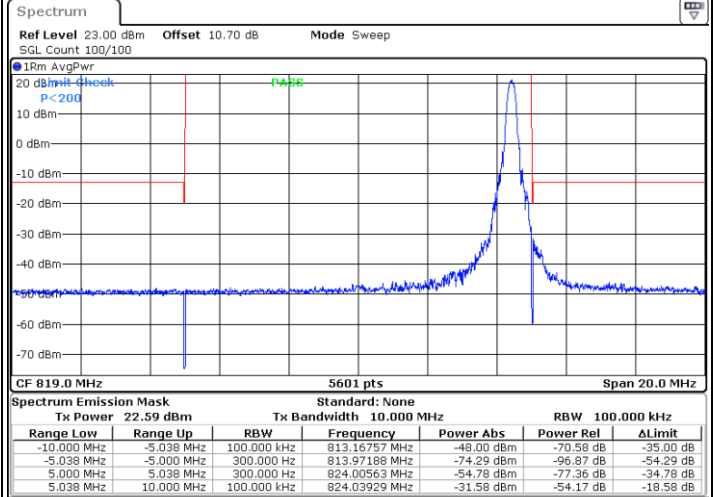
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



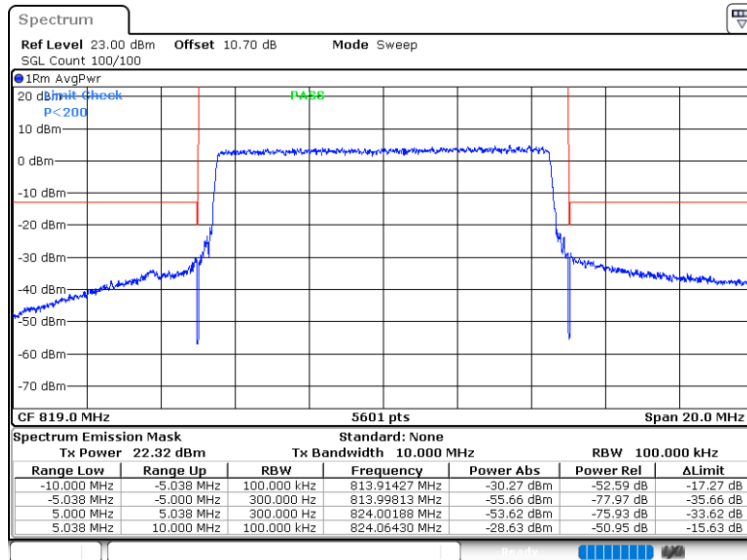
Date: 23.AUG.2022 22:20:31

Highest Band Edge / 1 RB



Date: 23.AUG.2022 22:22:37

Lowest Band Edge / Full RB

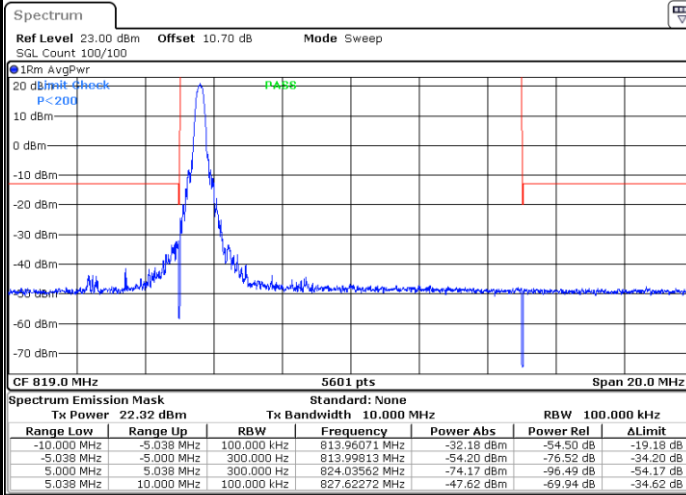


Date: 23.AUG.2022 22:24:43



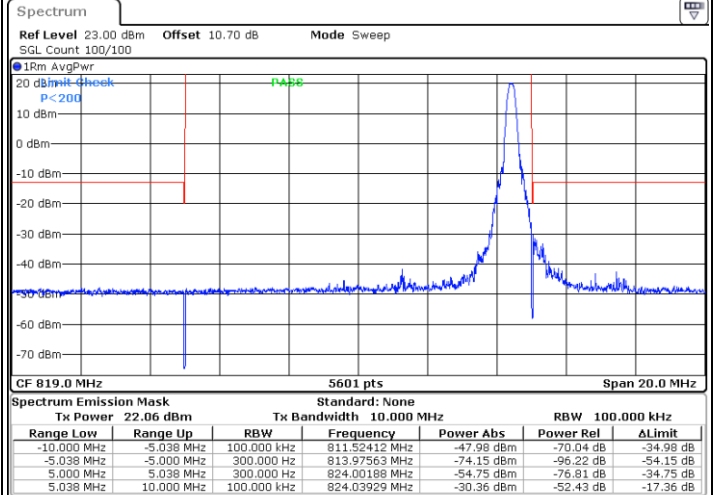
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



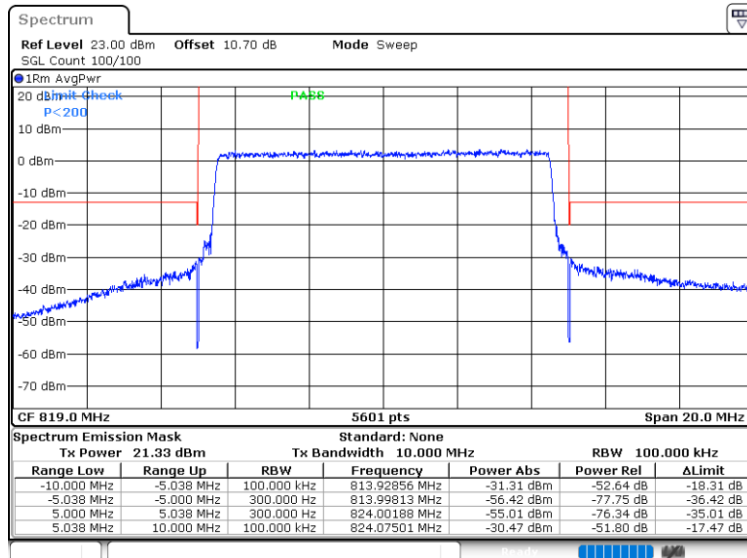
Date: 23.AUG.2022 22:21:34

Highest Band Edge / 1 RB



Date: 23.AUG.2022 22:23:40

Lowest Band Edge / Full RB

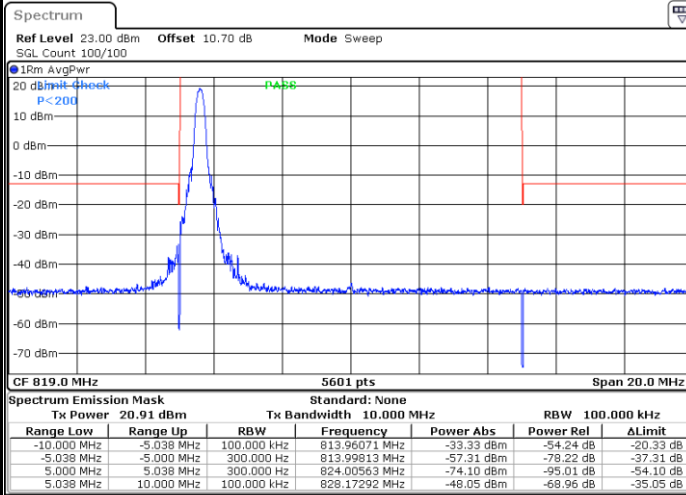


Date: 23.AUG.2022 22:25:46



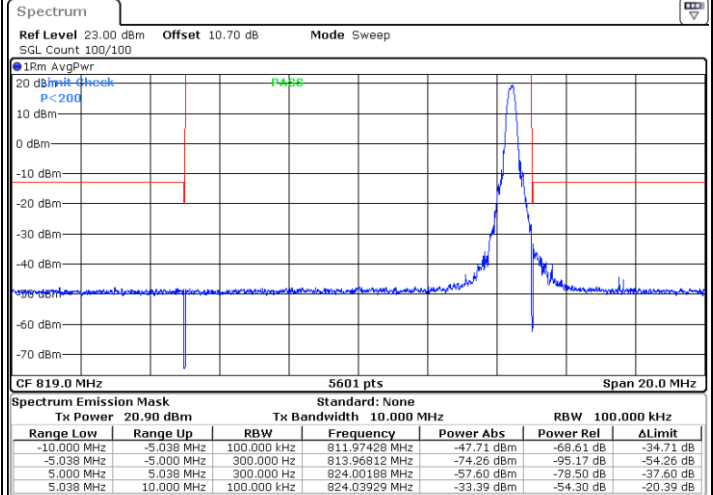
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



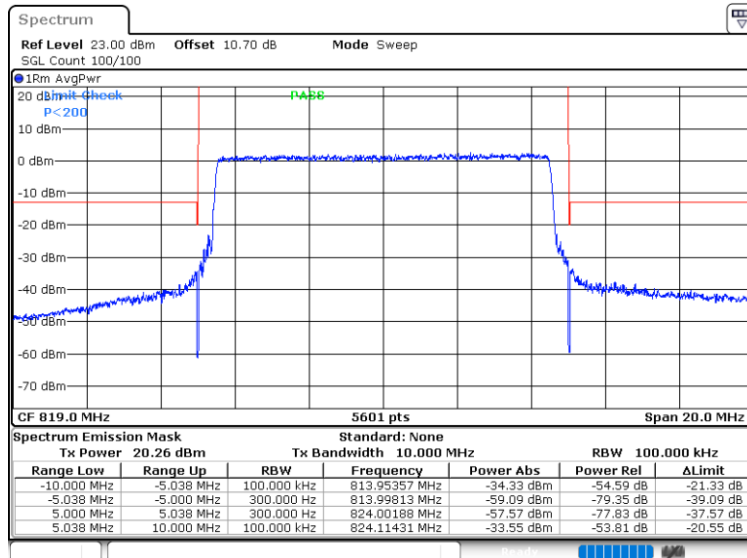
Date: 23.AUG.2022 22:47:26

Highest Band Edge / 1 RB



Date: 23.AUG.2022 22:48:29

Lowest Band Edge / Full RB

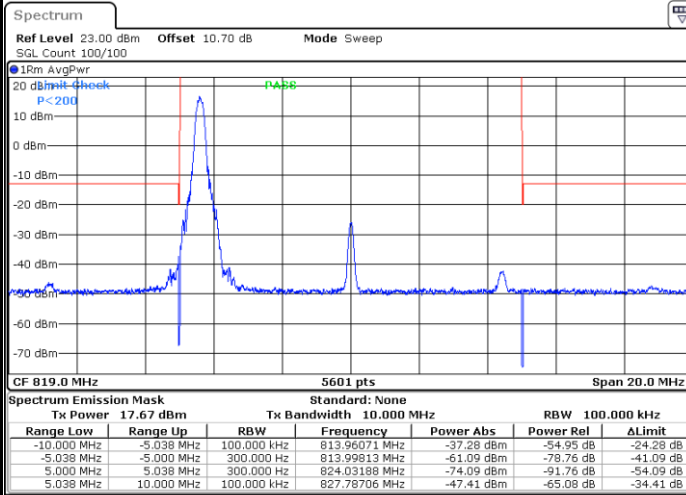


Date: 23.AUG.2022 22:49:32



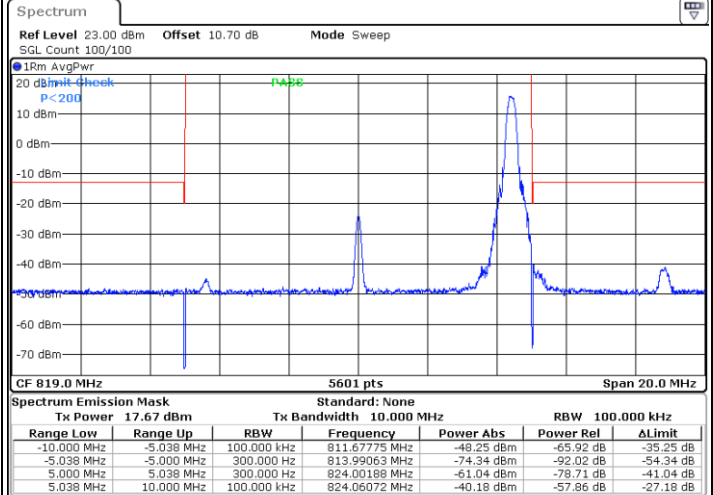
LTE Band 26 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



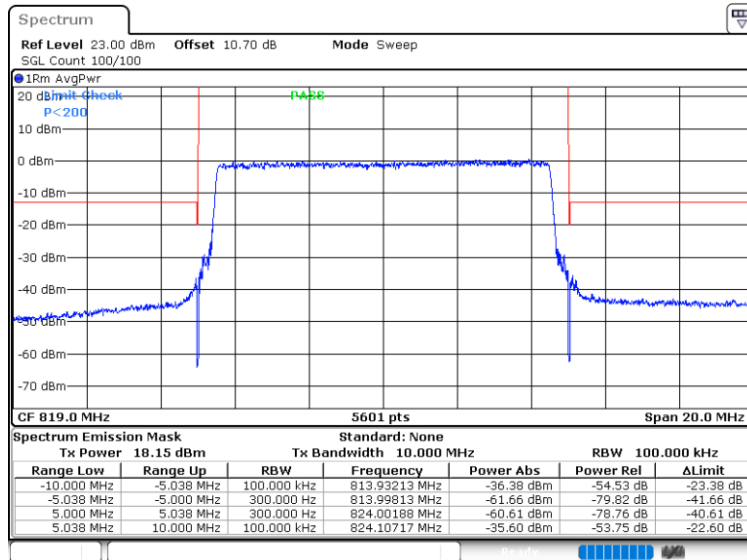
Date: 23.AUG.2022 23:45:40

Highest Band Edge / 1 RB



Date: 23.AUG.2022 23:46:45

Lowest Band Edge / Full RB

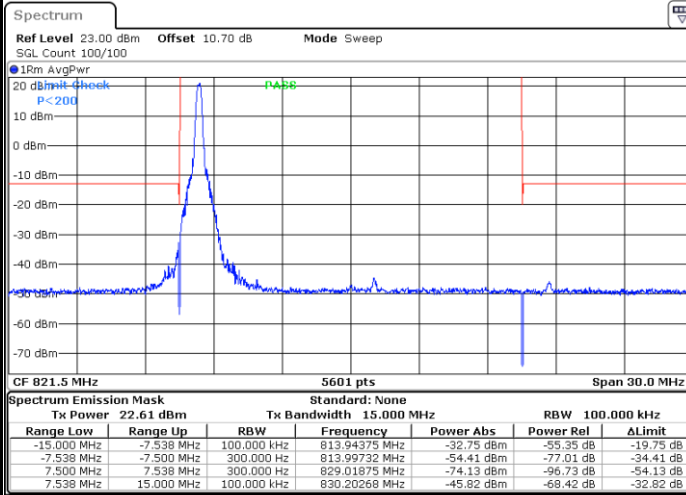


Date: 23.AUG.2022 23:47:51



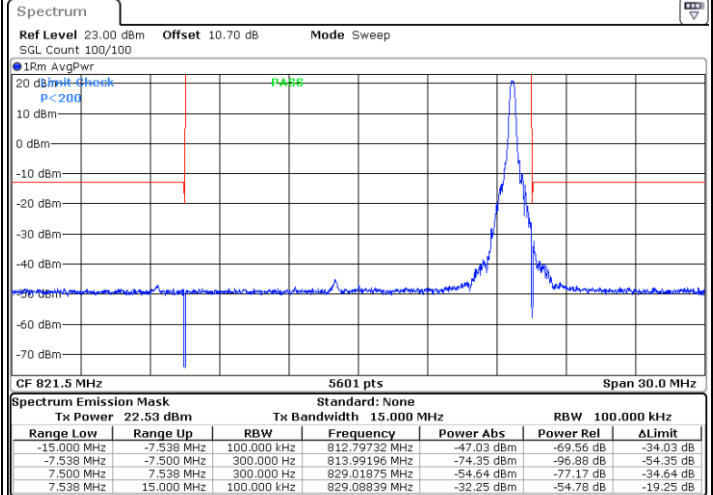
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



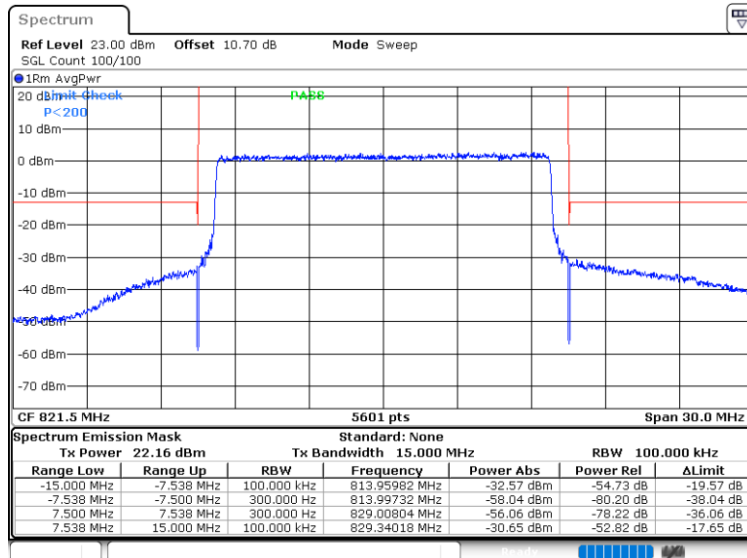
Date: 23.AUG.2022 22:32:28

Highest Band Edge / 1 RB



Date: 23.AUG.2022 22:34:34

Lowest Band Edge / Full RB

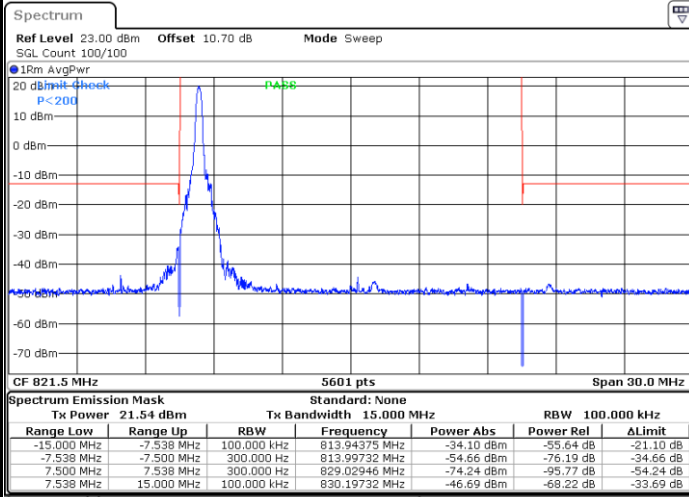


Date: 23.AUG.2022 22:36:40



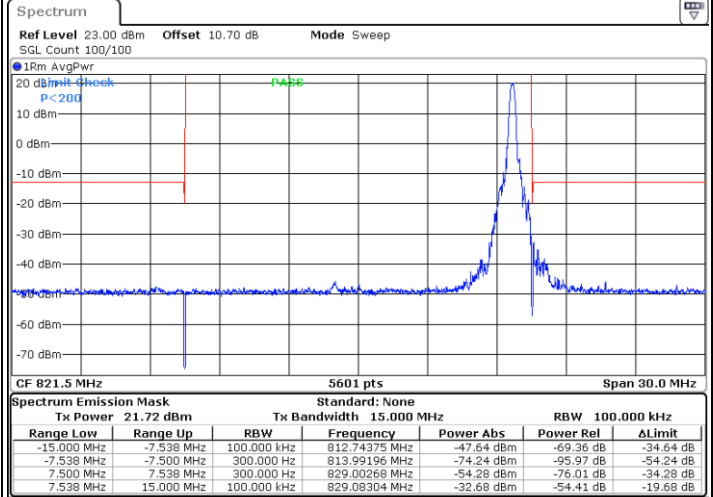
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



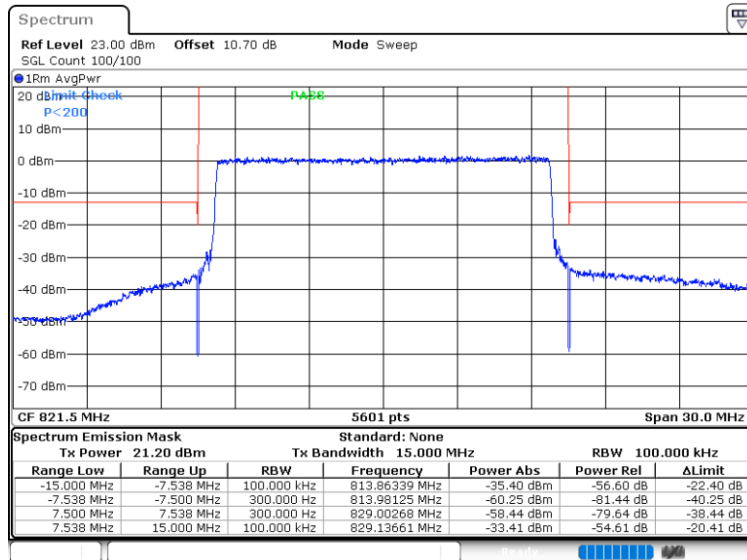
Date: 23.AUG.2022 22:33:31

Highest Band Edge / 1 RB



Date: 23.AUG.2022 22:35:37

Lowest Band Edge / Full RB

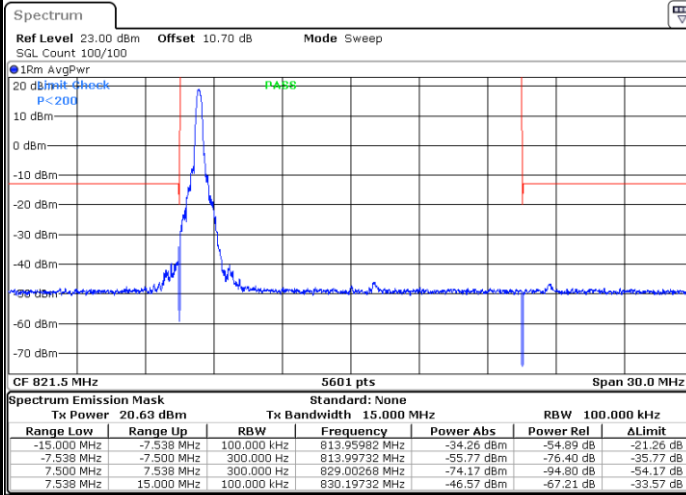


Date: 23.AUG.2022 22:37:43



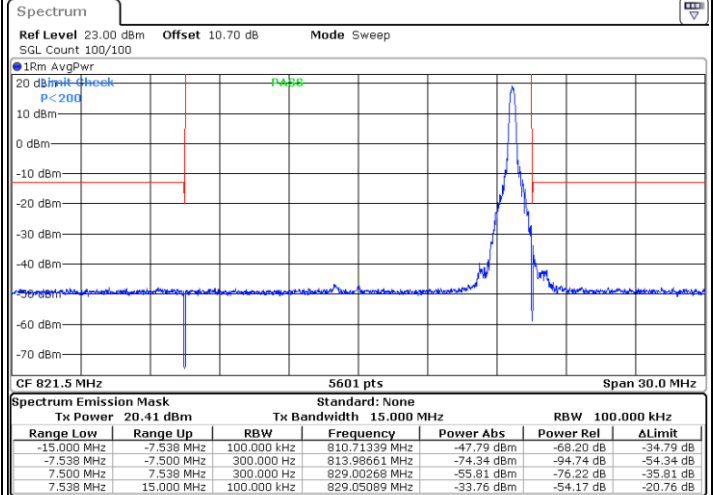
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



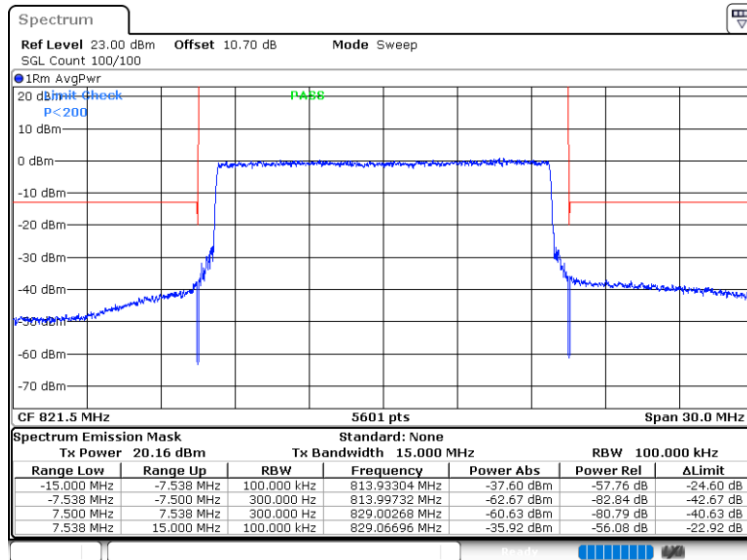
Date: 23.AUG.2022 22:50:40

Highest Band Edge / 1 RB



Date: 23.AUG.2022 22:51:43

Lowest Band Edge / Full RB

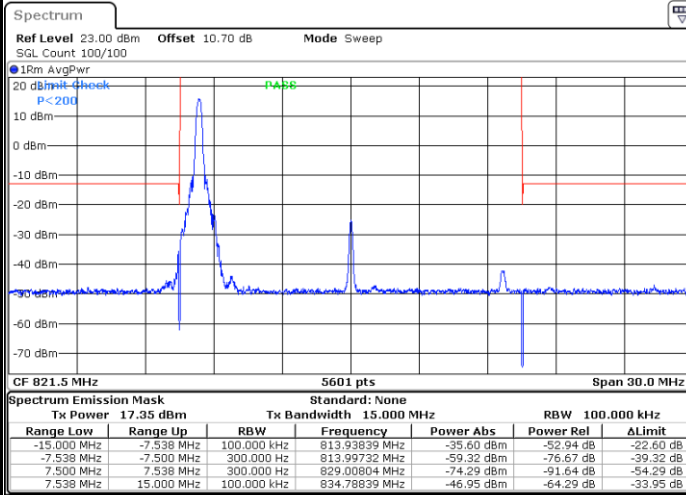


Date: 23.AUG.2022 22:52:46



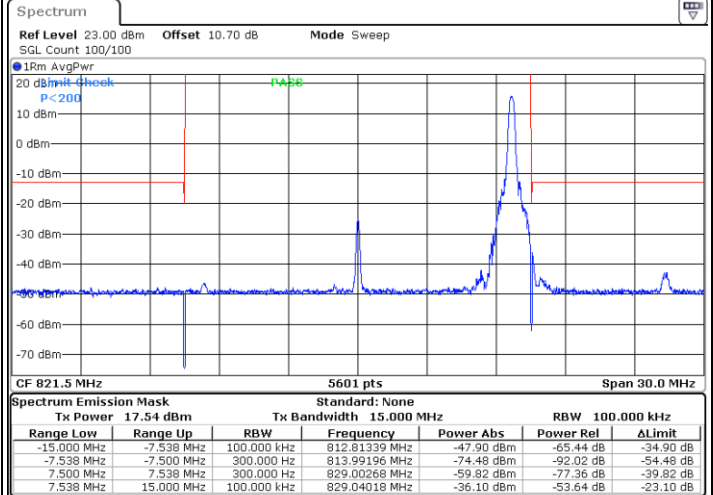
LTE Band 26 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



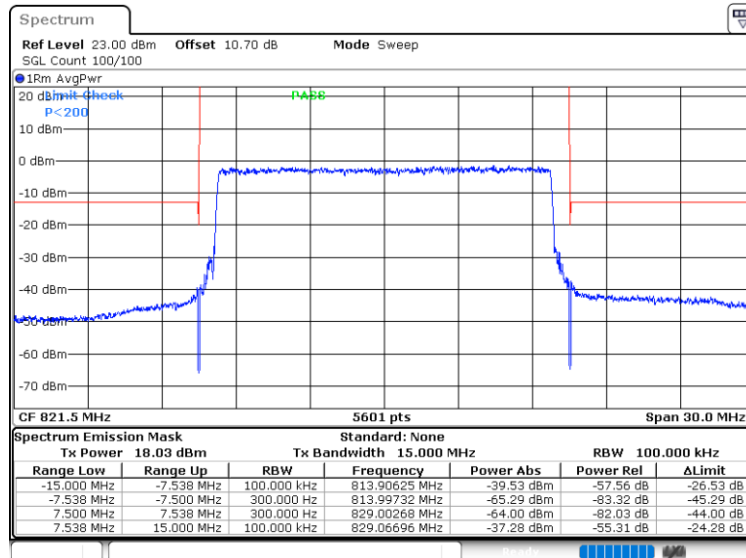
Date: 23.AUG.2022 23:48:59

Highest Band Edge / 1 RB



Date: 23.AUG.2022 23:50:05

Lowest Band Edge / Full RB



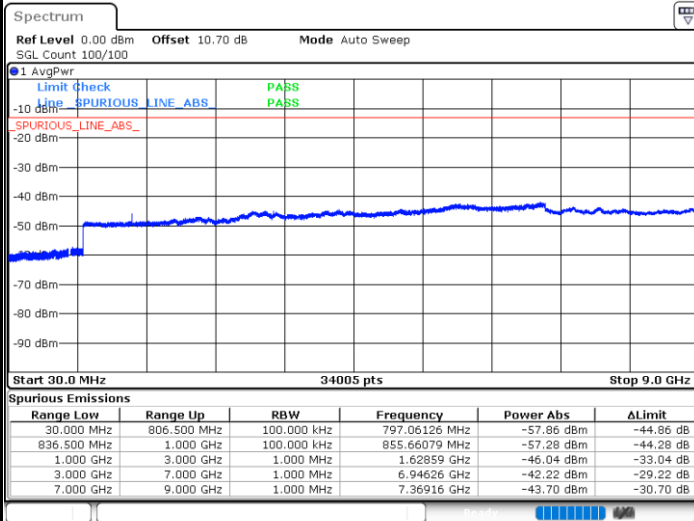
Date: 23.AUG.2022 23:51:10



Emission masks – Out of band emissions

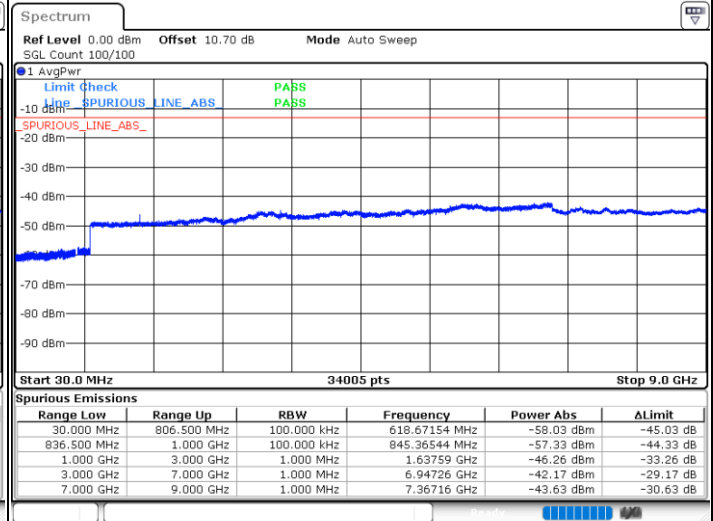
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



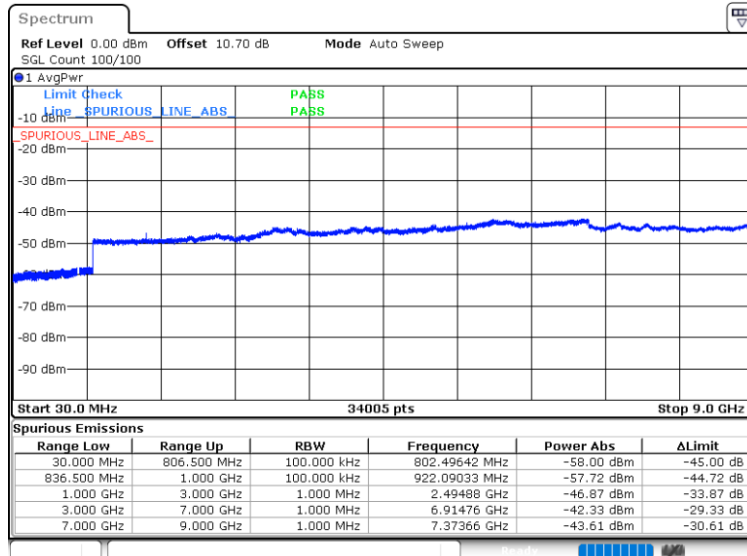
Date: 23.AUG.2022 21:31:48

Middle Channel / QPSK



Date: 23.AUG.2022 21:35:05

Highest Channel / QPSK

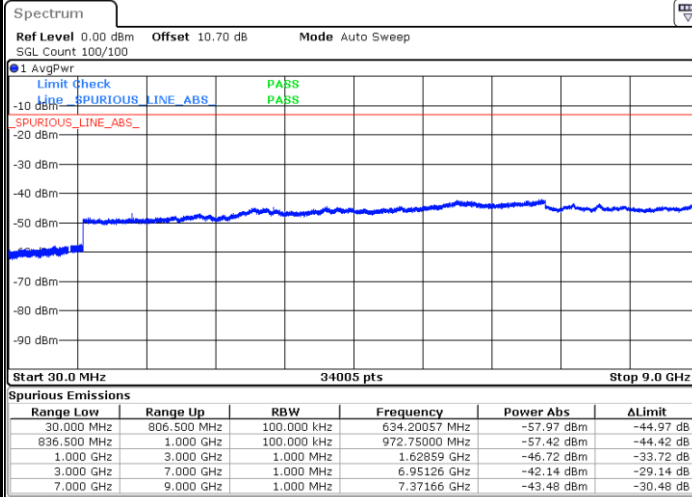


Date: 23.AUG.2022 21:36:25



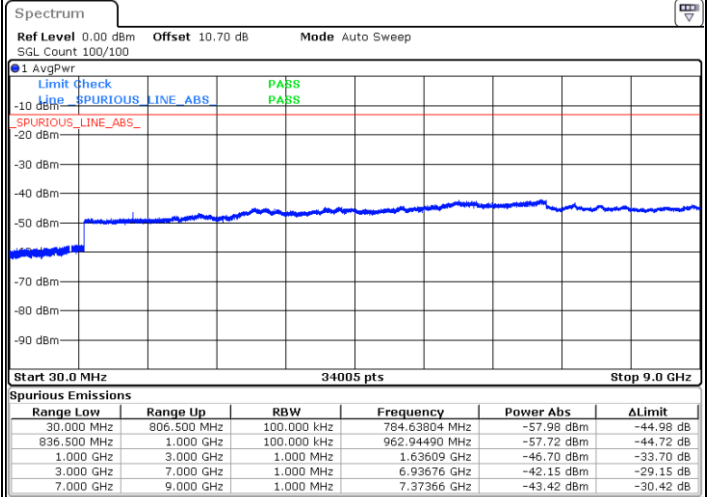
LTE Band 26 / 3MHz

Lowest Channel / QPSK



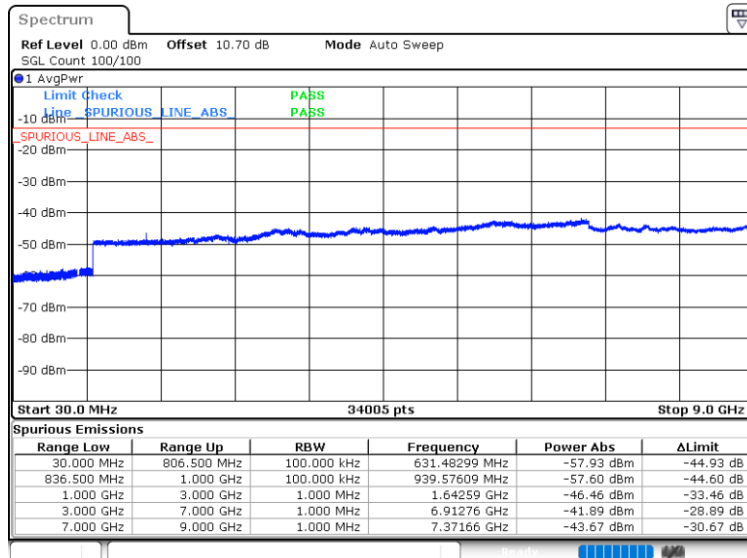
Date: 23.AUG.2022 21:50:26

Middle Channel / QPSK



Date: 23.AUG.2022 21:54:28

Highest Channel / QPSK

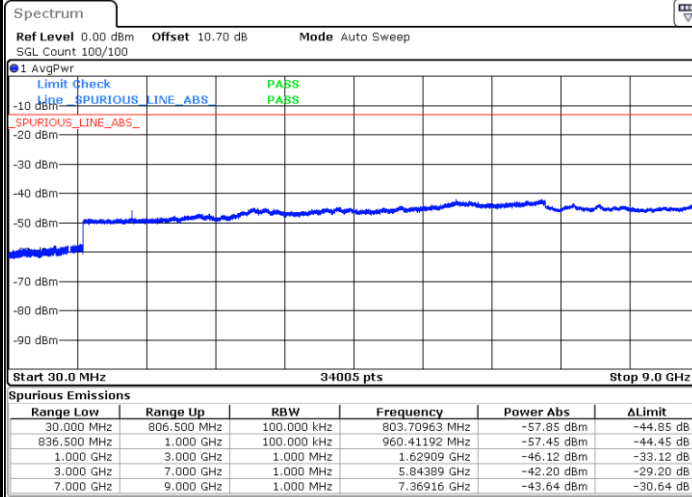


Date: 23.AUG.2022 21:55:48



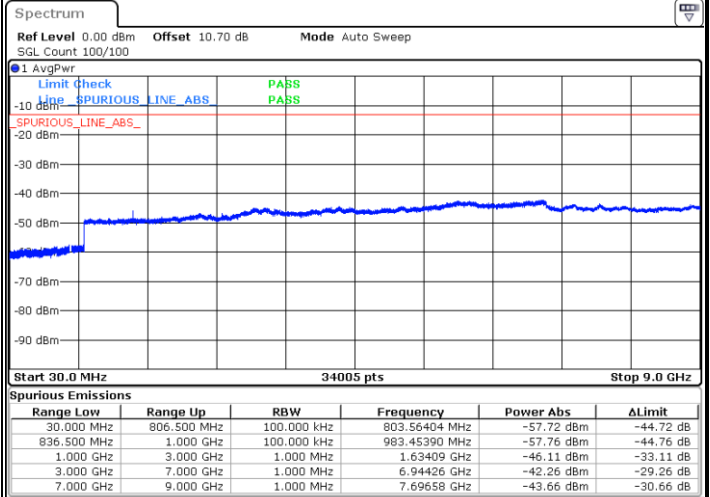
LTE Band 26 / 5MHz

Lowest Channel / QPSK



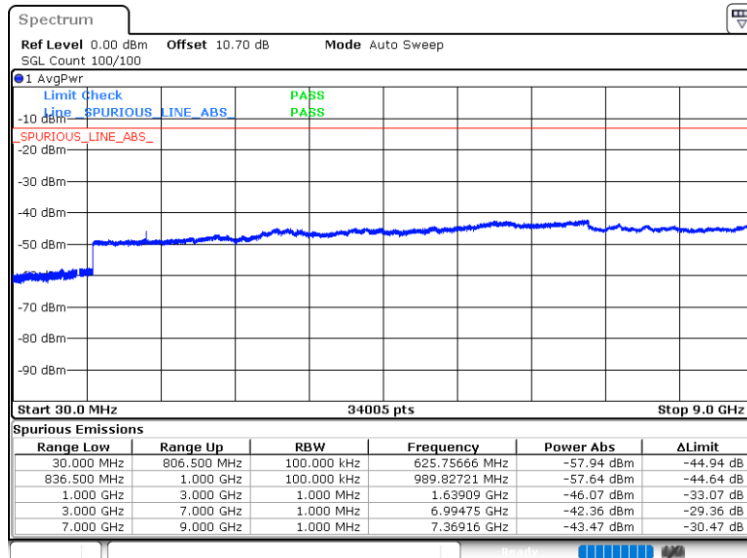
Date: 23.AUG.2022 22:06:22

Middle Channel / QPSK



Date: 23.AUG.2022 22:09:39

Highest Channel / QPSK

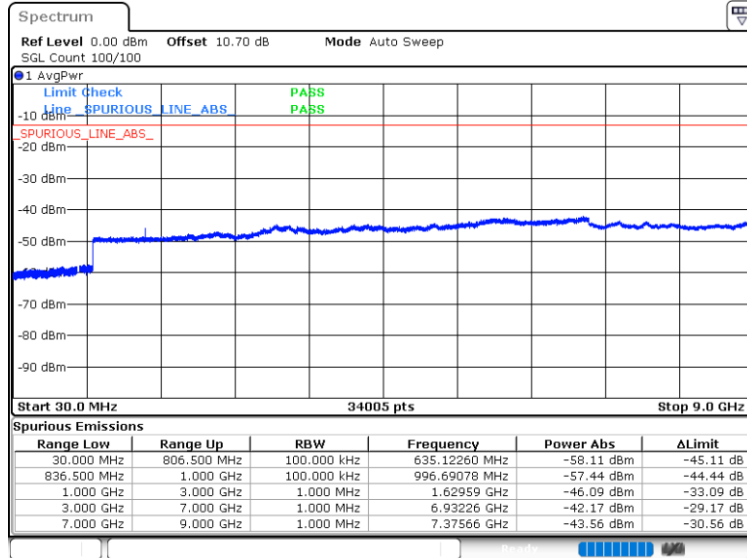


Date: 23.AUG.2022 22:10:59



LTE Band 26 / 10MHz

Middle Channel / QPSK

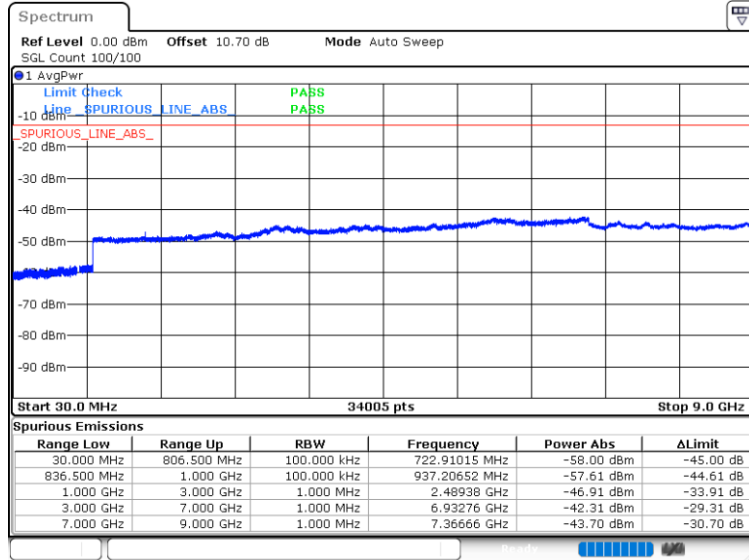


Date: 23.AUG.2022 22:29:48



LTE Band 26 / 15MHz

Middle Channel / QPSK



Date: 24.AUG.2022 00:55:35

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	0.0004	PASS
40	Normal Voltage	0.0105	
30	Normal Voltage	0.0221	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0190	
0	Normal Voltage	0.0170	
-10	Normal Voltage	0.0061	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0160	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0037	

Note:

1. Normal Voltage = 3.30 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.63 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	0.0136	PASS
40	Normal Voltage	0.0078	
30	Normal Voltage	0.0150	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0066	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0096	
-30	Normal Voltage	0.0067	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0037	

Note:

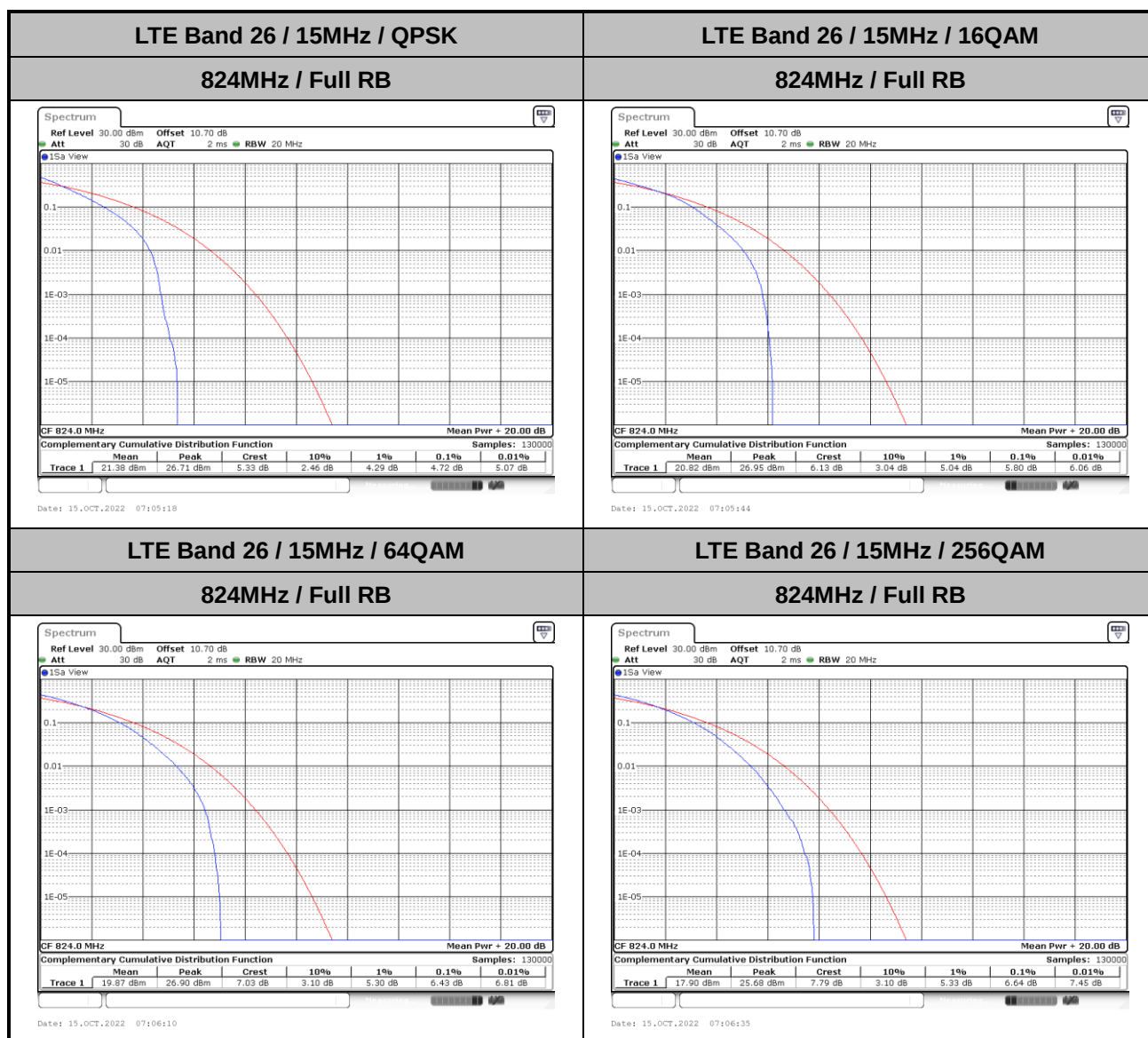
1. Normal Voltage = 3.30 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.63 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



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
824MHz	4.72	5.80	6.43	6.64	PASS



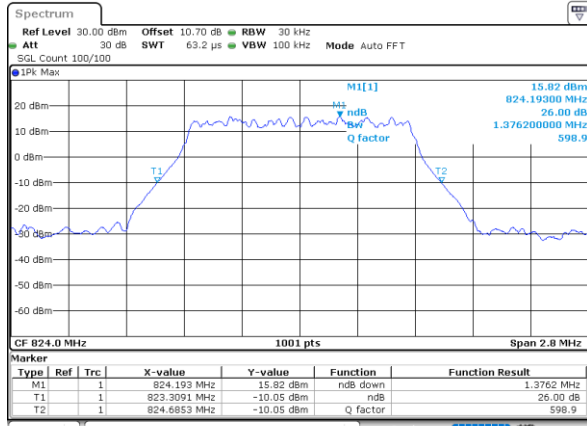
**26dB Bandwidth**

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
824MHz	1.38	1.35	3.02	3.04	4.87	4.85	9.83	9.93	14.51	14.54	-	-
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
824MHz	1.30	1.34	3.09	3.05	5.02	5.00	9.75	10.11	14.72	14.72	-	-



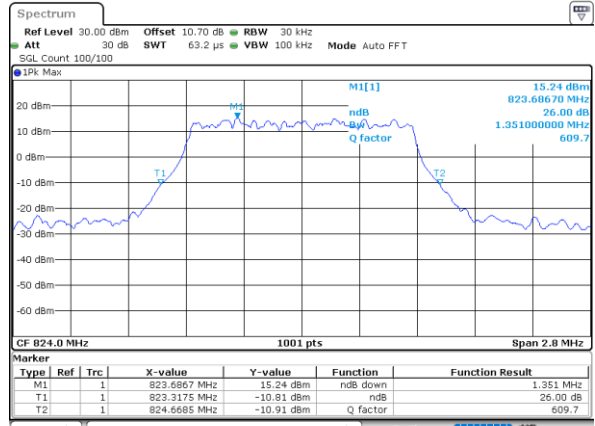
LTE Band 26

824MHz / 1.4MHz / QPSK



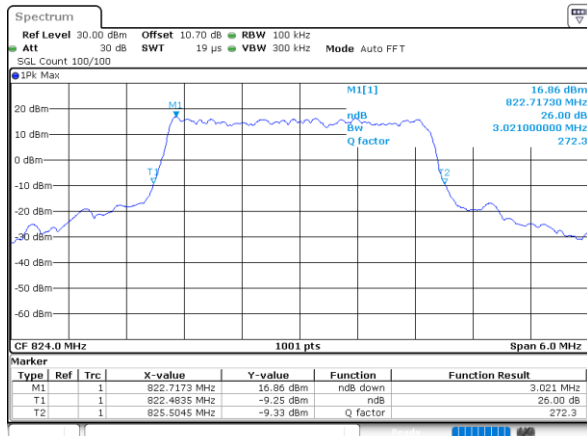
Date: 24.AUG.2022 00:32:25

824MHz / 1.4MHz / 16QAM



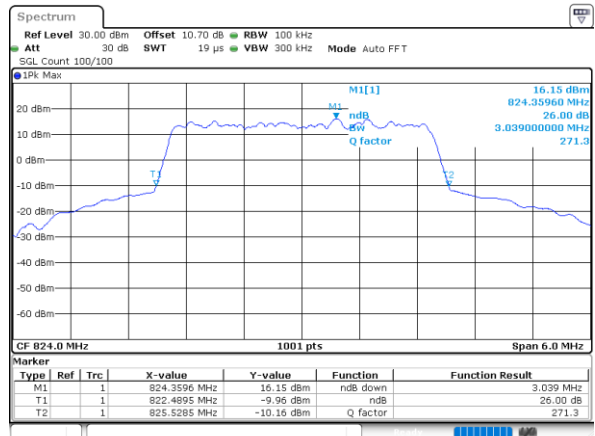
Date: 24.AUG.2022 00:32:54

824MHz / 3MHz / QPSK



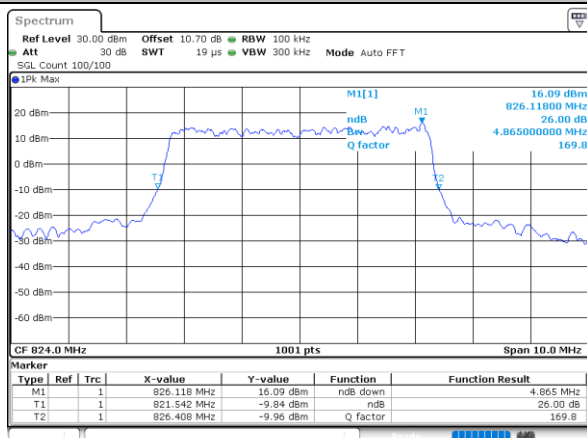
Date: 24.AUG.2022 00:36:47

824MHz / 3MHz / 16QAM



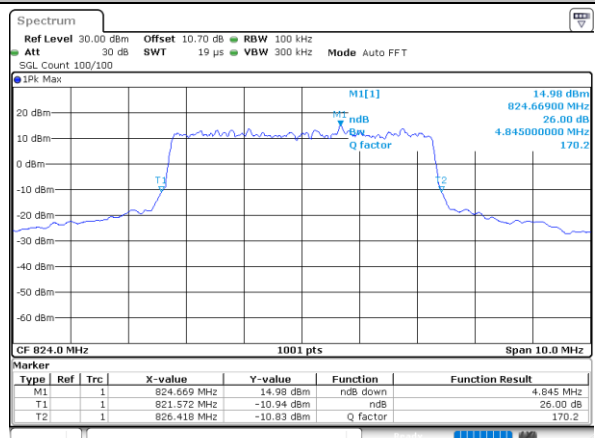
Date: 24.AUG.2022 00:37:16

824MHz / 5MHz / QPSK



Date: 24.AUG.2022 00:41:09

824MHz / 5MHz / 16QAM

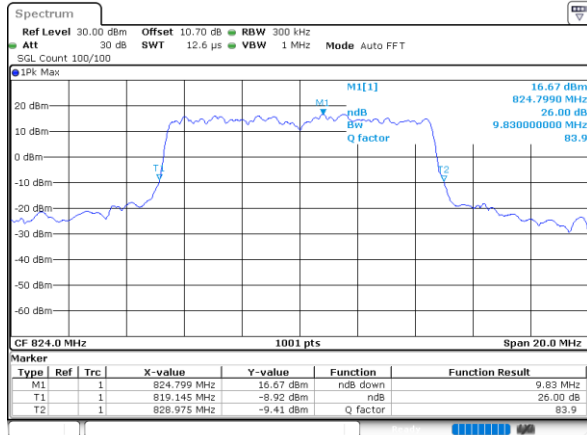


Date: 24.AUG.2022 00:41:38

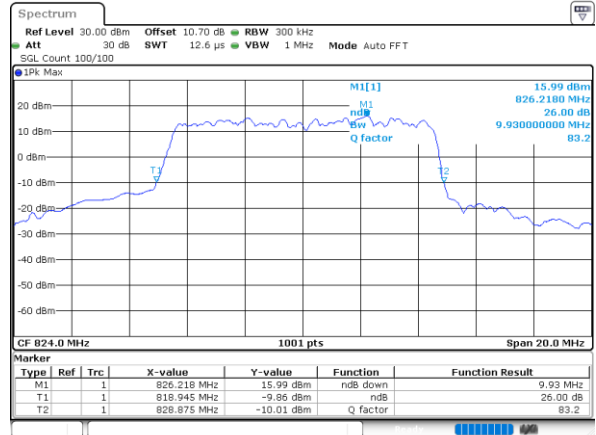


LTE Band 26

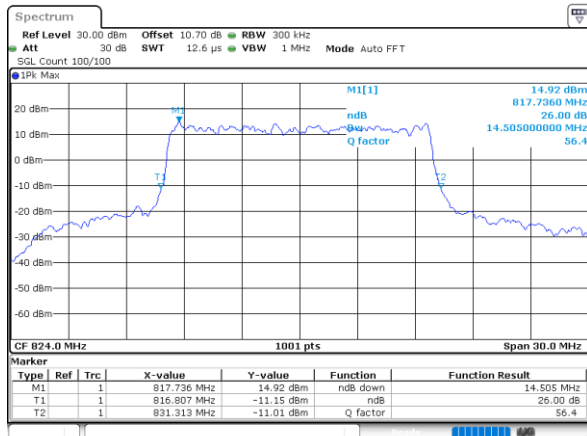
824MHz / 10MHz / QPSK



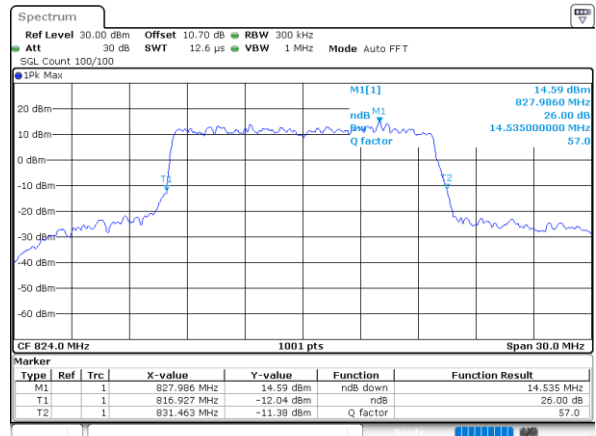
824MHz / 10MHz / 16QAM



824MHz / 15MHz / QPSK



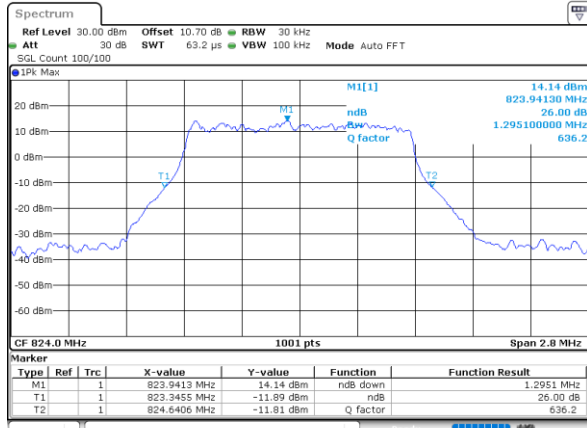
824MHz / 15MHz / 16QAM





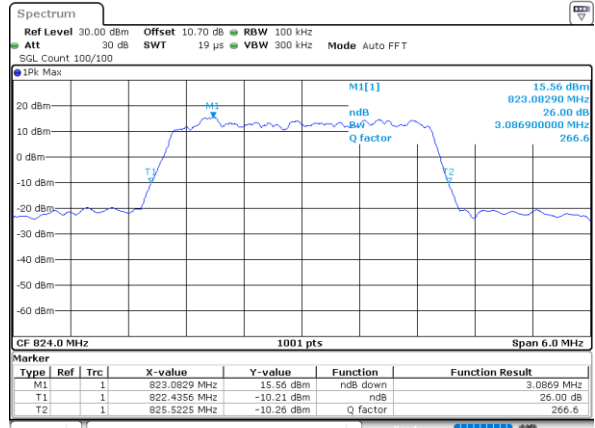
LTE Band 26

824MHz / 1.4MHz / 64QAM



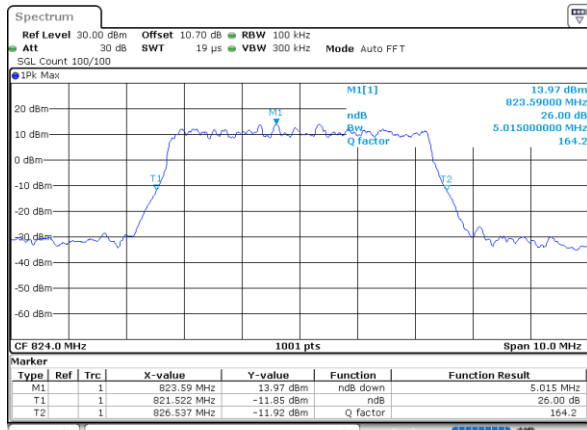
Date: 24.AUG.2022 00:33:52

824MHz / 3MHz / 64QAM



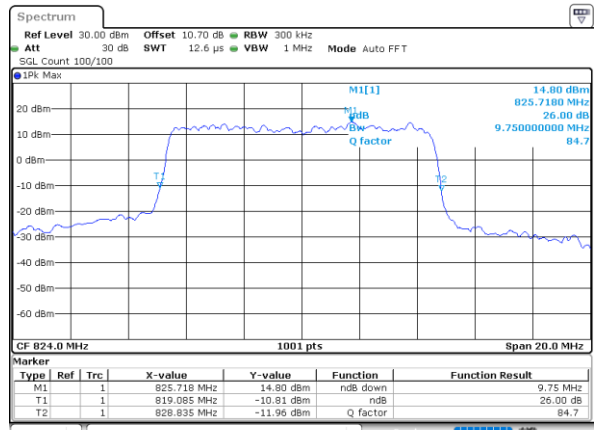
Date: 24.AUG.2022 00:38:14

824MHz / 5MHz / 64QAM



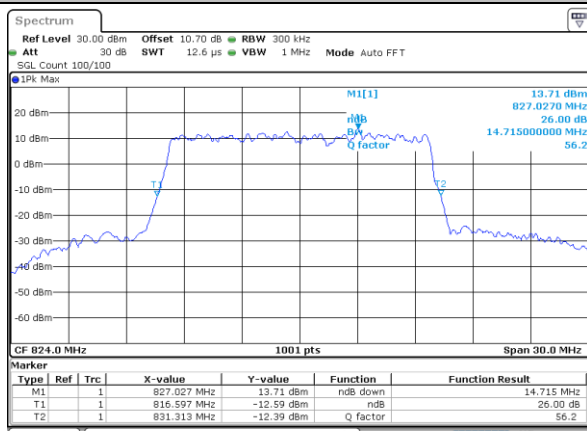
Date: 24.AUG.2022 00:42:36

824MHz / 10MHz / 64QAM



Date: 24.AUG.2022 00:46:59

824MHz / 15MHz / 64QAM



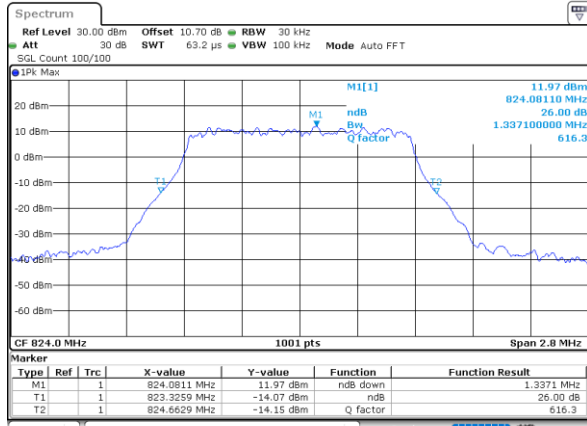
Date: 24.AUG.2022 00:51:21

N/A

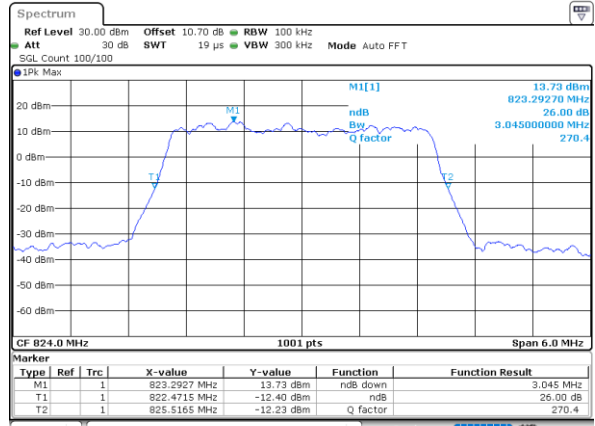


LTE Band 26

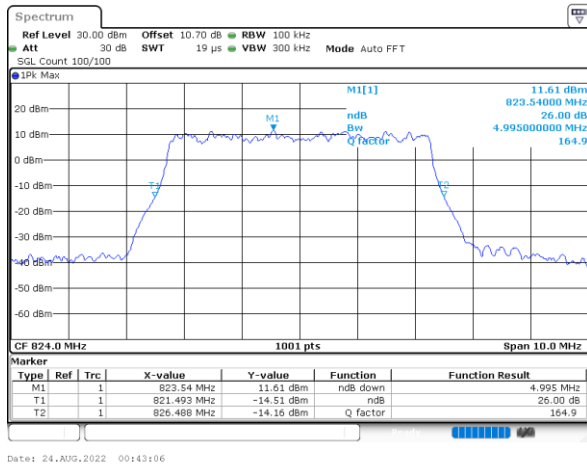
824MHz / 1.4MHz / 256QAM



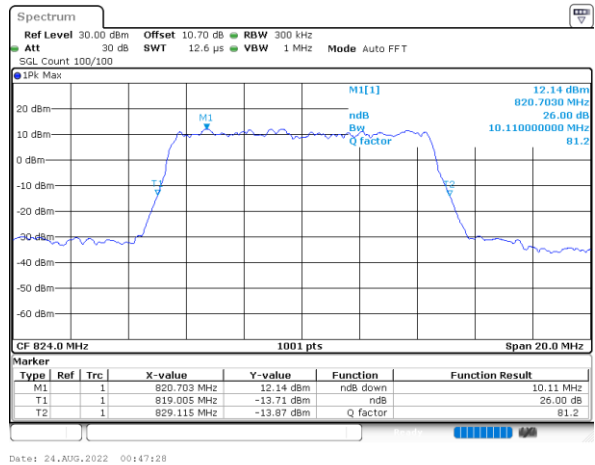
824MHz / 3MHz / 256QAM



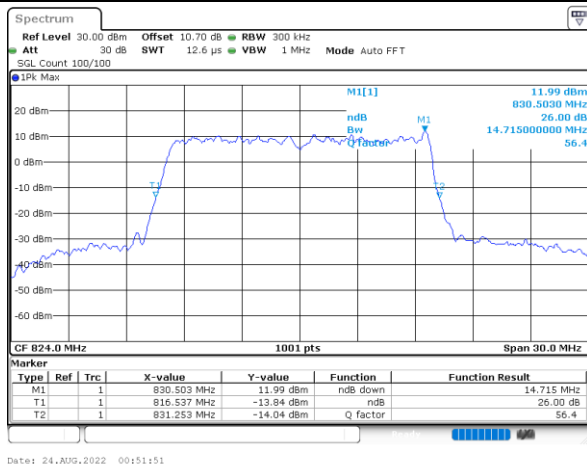
824MHz / 5MHz / 256QAM



824MHz / 10MHz / 256QAM



824MHz / 15MHz / 256QAM



N/A

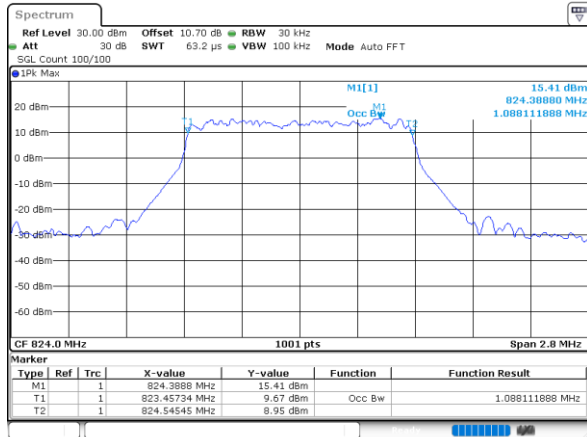
**Occupied Bandwidth**

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
824MHz	1.09	1.10	2.73	2.72	4.52	4.52	9.07	9.11	13.49	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
824MHz	1.10	1.09	2.73	2.73	4.53	4.49	9.05	9.05	13.46	13.49	-	-

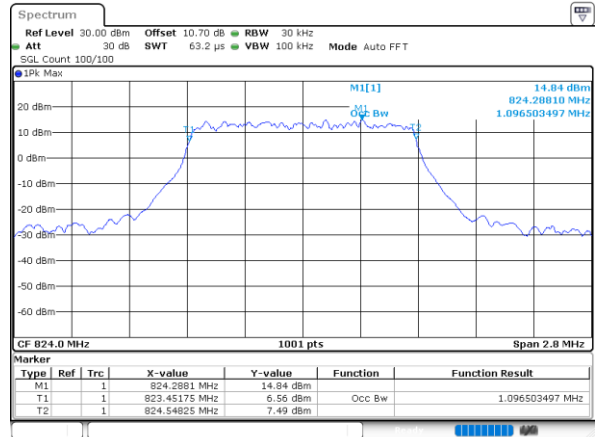


LTE Band 26

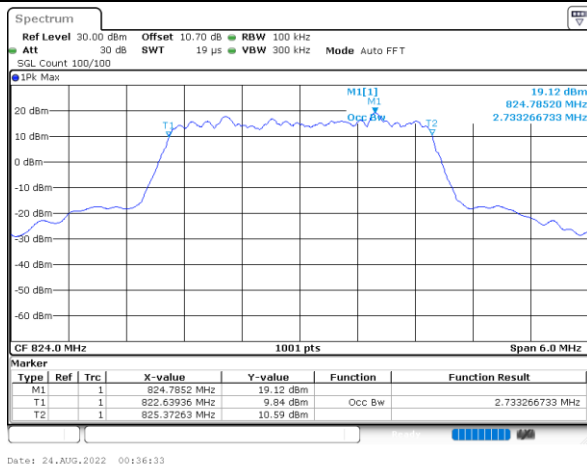
824MHz / 1.4MHz / QPSK



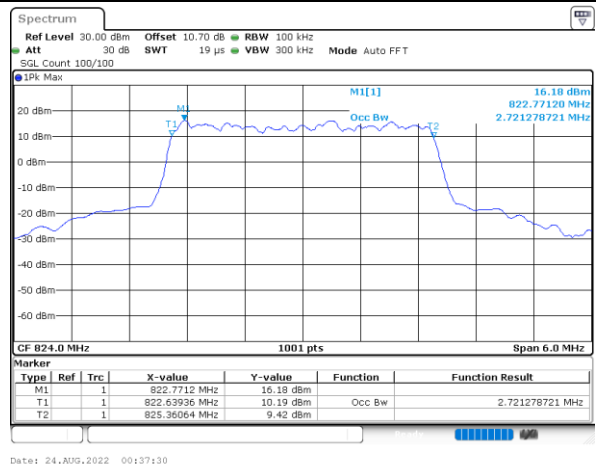
824MHz / 1.4MHz / 16QAM



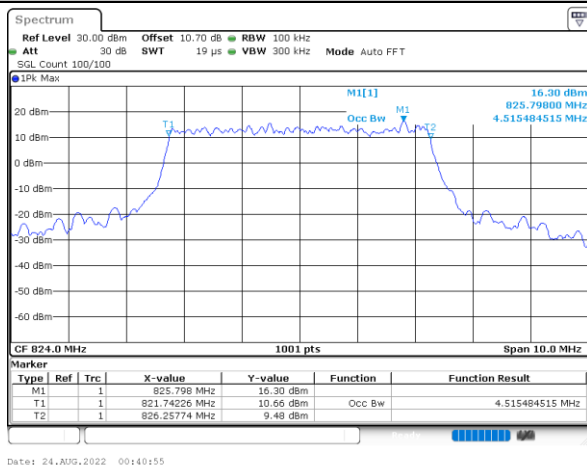
824MHz / 3MHz / QPSK



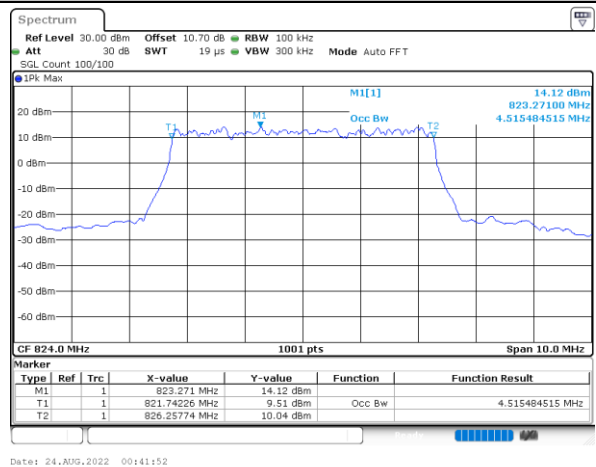
824MHz / 3MHz / 16QAM



824MHz / 5MHz / QPSK



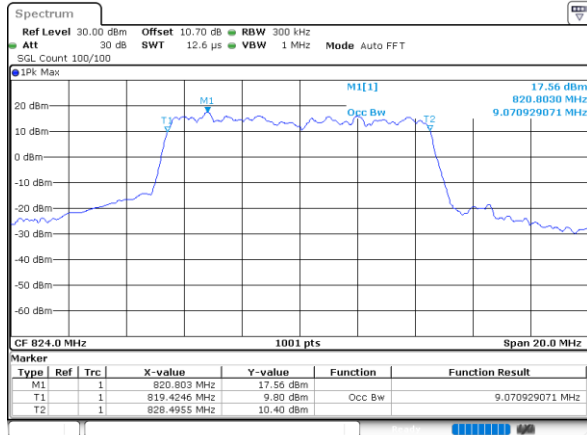
824MHz / 5MHz / 16QAM



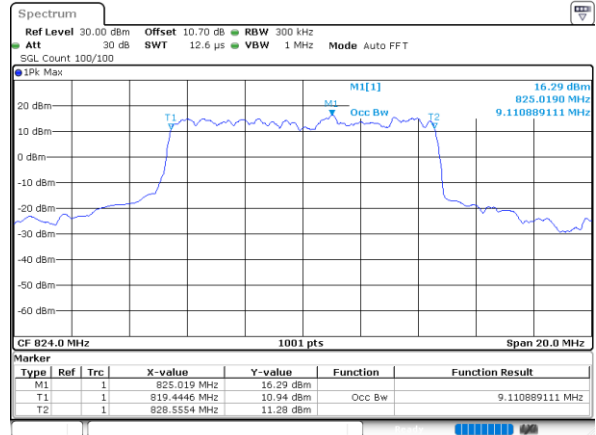


LTE Band 26

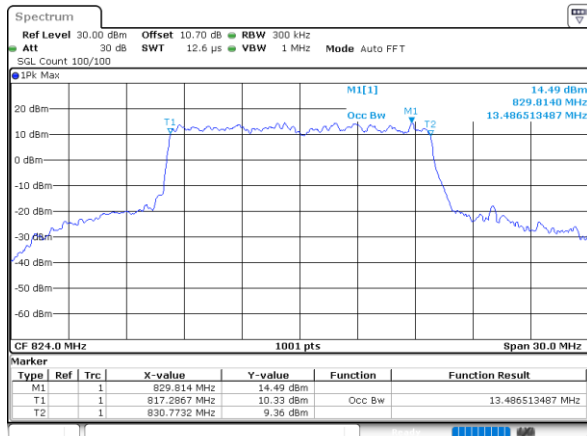
824MHz / 10MHz / QPSK



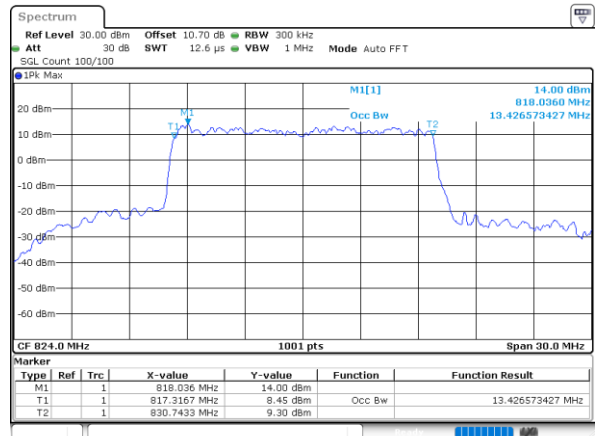
824MHz / 10MHz / 16QAM



824MHz / 15MHz / QPSK



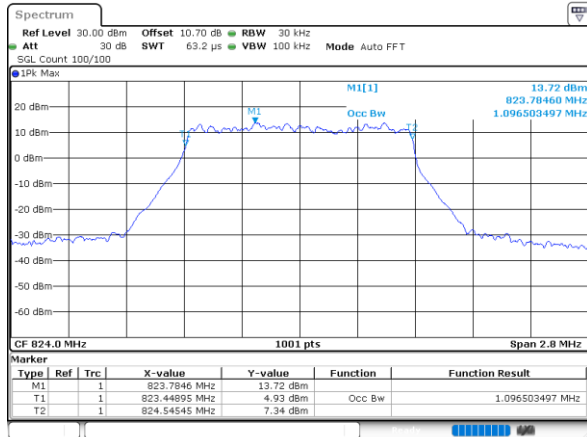
824MHz / 15MHz / 16QAM



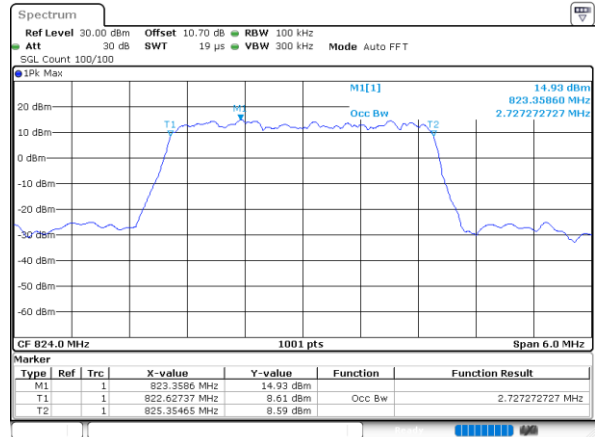


LTE Band 26

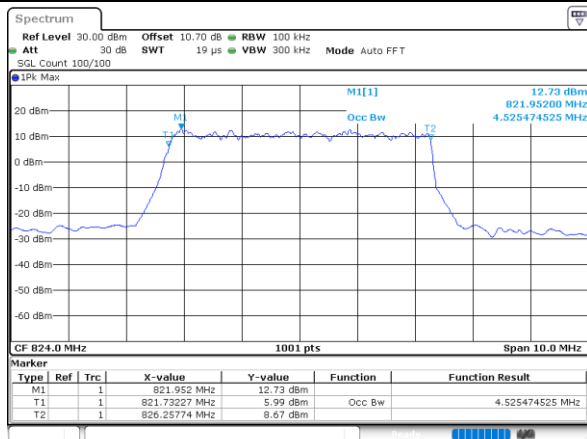
824MHz / 1.4MHz / 64QAM



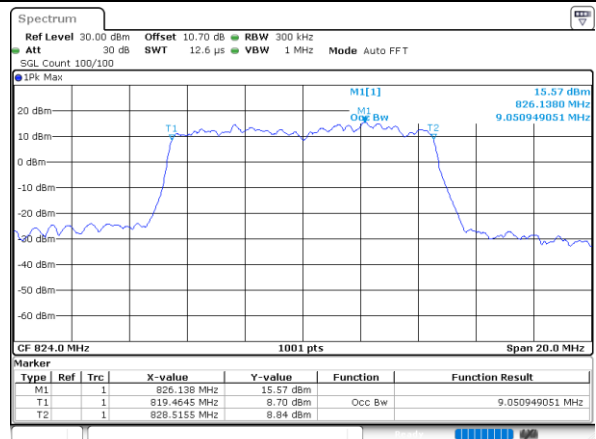
824MHz / 3MHz / 64QAM



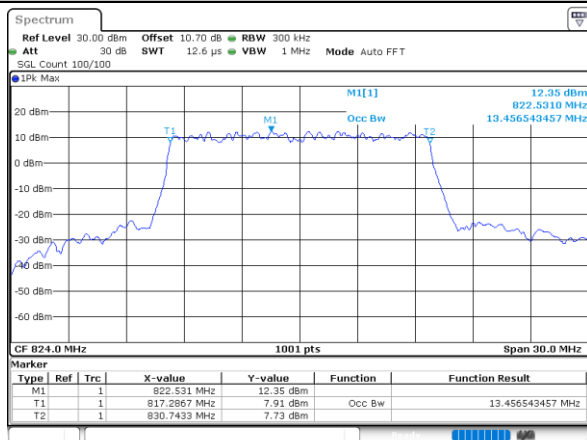
824MHz / 5MHz / 64QAM



824MHz / 10MHz / 64QAM



824MHz / 15MHz / 64QAM

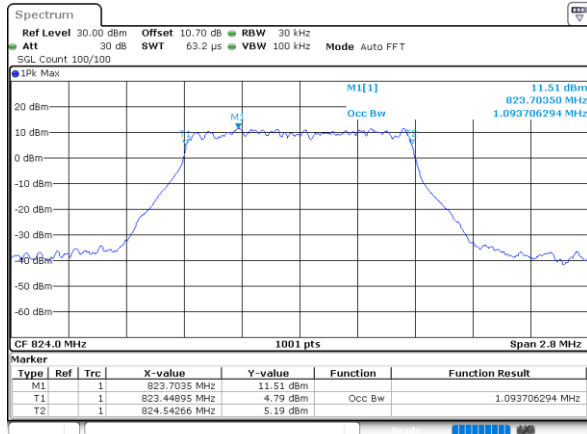


N/A

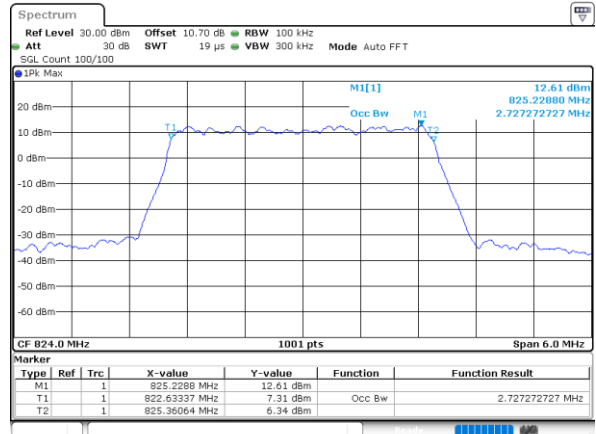


LTE Band 26

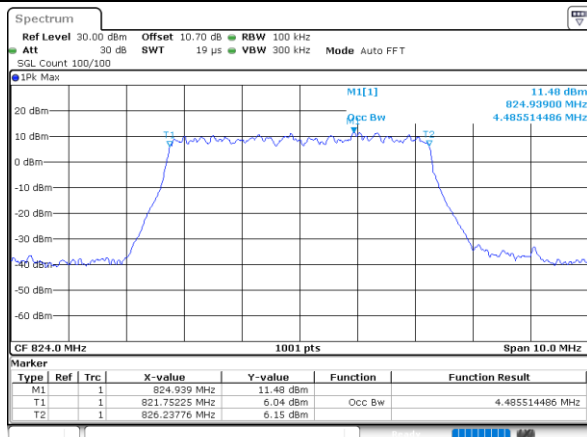
824MHz / 1.4MHz / 256QAM



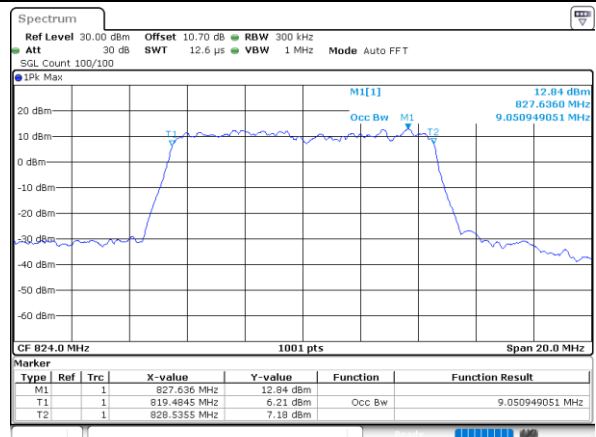
824MHz / 3MHz / 256QAM



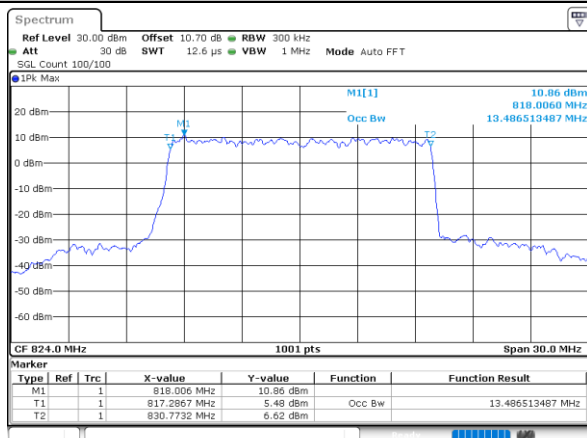
824MHz / 5MHz / 256QAM



824MHz / 10MHz / 256QAM



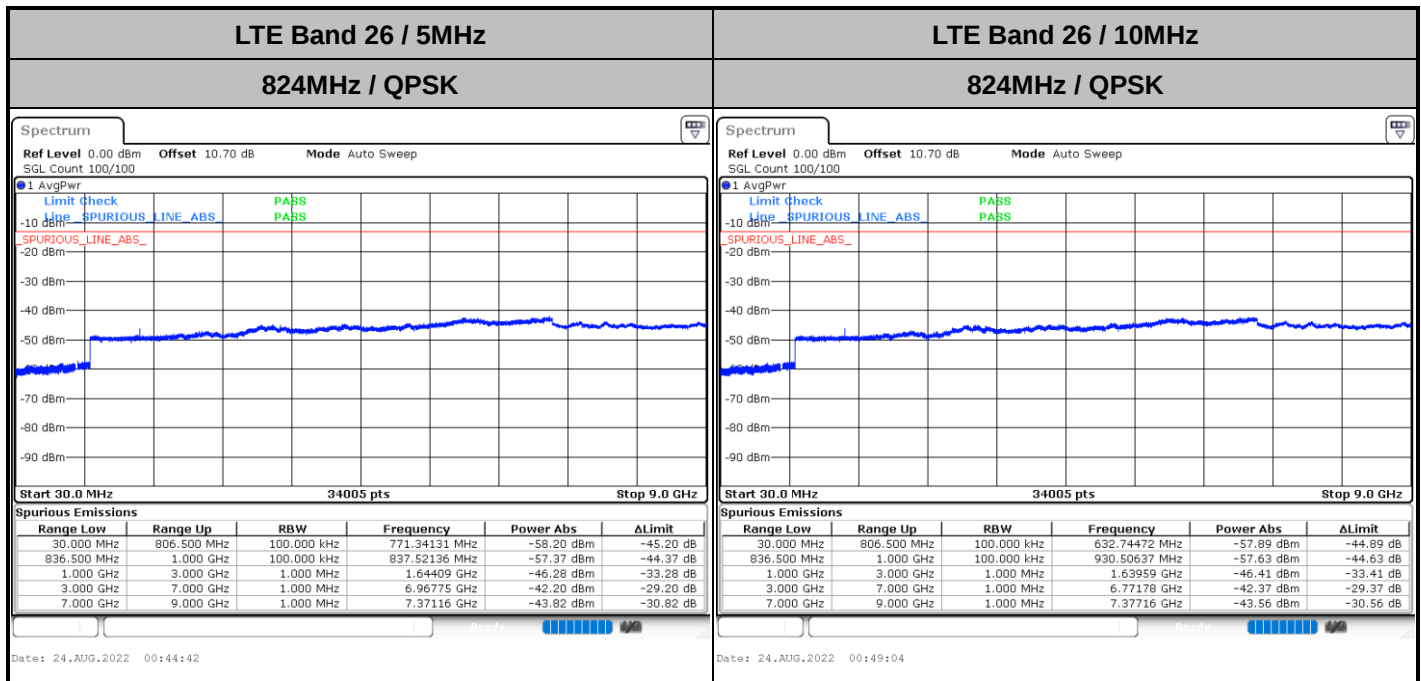
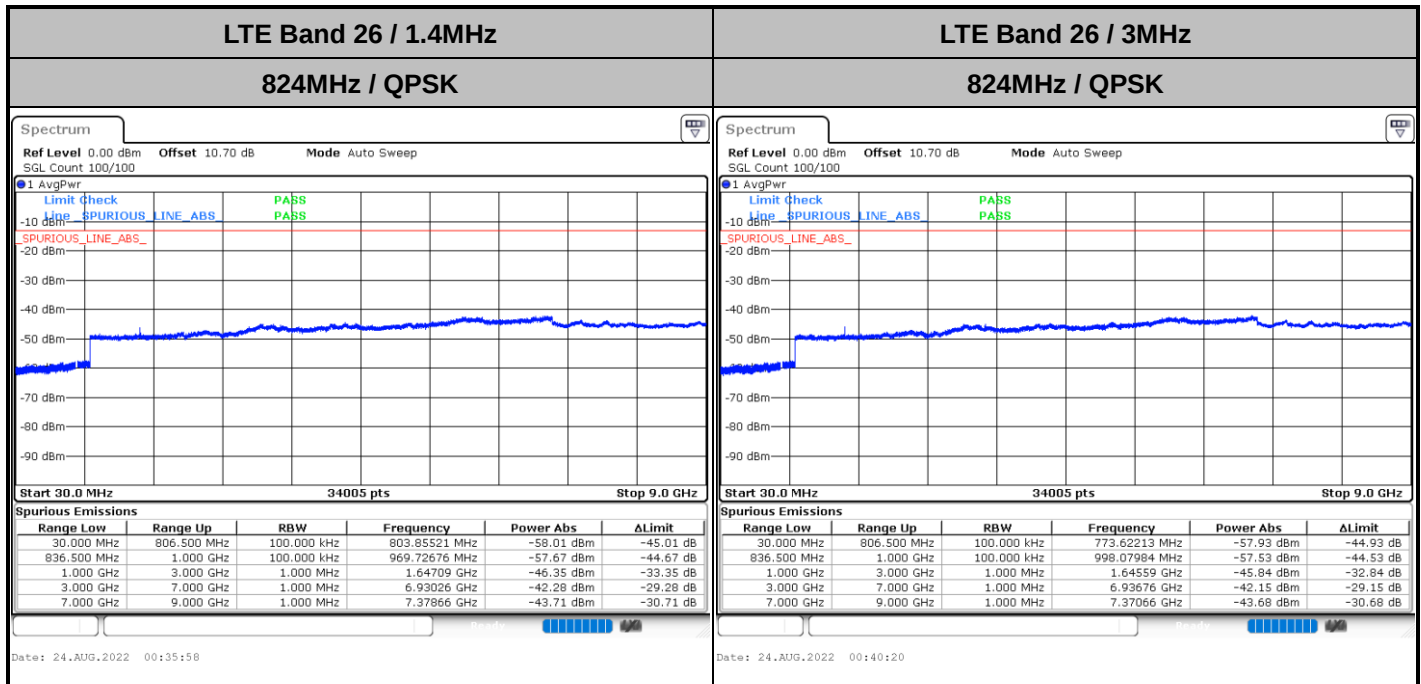
824MHz /15MHz / 256QAM



N/A



Conducted Spurious Emission



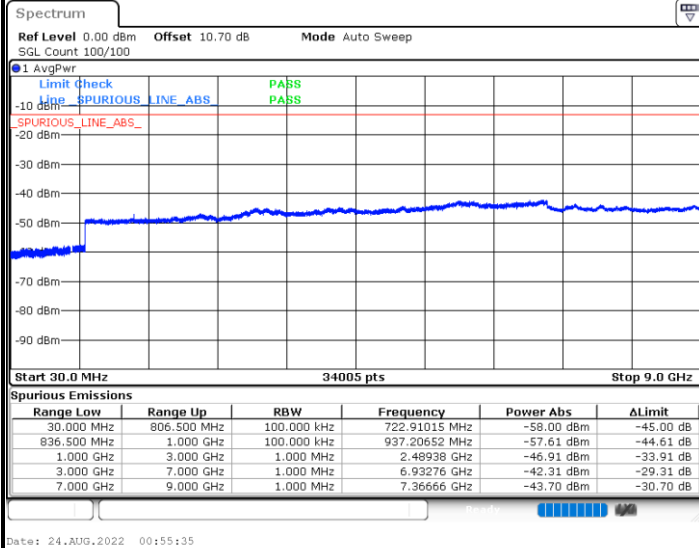


LTE Band 26 / 15MHz

N/A

824MHz / QPSK

N/A



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / 824MHz	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0082	PASS
40	Normal Voltage	0.0051	
30	Normal Voltage	0.0083	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0120	
0	Normal Voltage	0.0043	
-10	Normal Voltage	0.0071	
-20	Normal Voltage	0.0090	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0092	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage = 3.30 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.63 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	0.0151	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0080	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0043	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0124	
20	Maximum Voltage	0.0155	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0145	

Note:

1. Normal Voltage = 3.30 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.63 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Ant. 0>

LTE Band 26

LTE Band 26 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1628	-58.55	-13	-45.55	-68.86	-61.91	3.86	9.37	H
	2443	-58.45	-13	-45.45	-73.21	-61.99	4.77	10.46	H
	3257	-57.85	-13	-44.85	-74.83	-62.13	5.52	11.94	H
									H
									H
									H
									H
	1628	-59.86	-13	-46.86	-70.3	-63.22	3.86	9.37	V
	2443	-56.15	-13	-43.15	-71.14	-59.69	4.77	10.46	V
	3257	-56.92	-13	-43.92	-74.36	-61.2	5.52	11.94	V
									V
									V
									V
									V



Middle	1634	-56.63	-13	-43.63	-66.94	-60.02	3.87	9.40	H
	2451	-57.51	-13	-44.51	-72.26	-61.08	4.78	10.50	H
	3267	-57.76	-13	-44.76	-74.72	-62.09	5.53	12.00	H
									H
									H
									H
									H
	1634	-57.26	-13	-44.26	-67.7	-60.65	3.87	9.40	V
	2451	-56.59	-13	-43.59	-71.6	-60.16	4.78	10.50	V
	3267	-57.13	-13	-44.13	-74.56	-61.46	5.53	12.00	V
									V
									V
									V
									V
Highest	1638	-58.66	-13	-45.66	-69.02	-62.07	3.87	9.43	H
	2458	-59.13	-13	-46.13	-73.86	-62.71	4.78	10.52	H
	3277	-57.83	-13	-44.83	-74.78	-62.21	5.53	12.06	H
									H
									H
									H
									H
	1638	-57.63	-13	-44.63	-68.1	-61.04	3.87	9.43	V
	2458	-58.36	-13	-45.36	-73.39	-61.94	4.78	10.52	V
	3277	-57.40	-13	-44.40	-74.82	-61.78	5.53	12.06	V
									V
									V
									V
									V
									V

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



LTE Band 26 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1629	-58.93	-13	-45.93	-69.23	-62.29	3.86	9.37	H
	2444	-59.45	-13	-46.45	-74.2	-62.99	4.77	10.46	H
	3258	-57.80	-13	-44.80	-74.77	-62.08	5.52	11.95	H
									H
									H
									H
									H
	1629	-59.54	-13	-46.54	-69.97	-62.9	3.86	9.37	V
	2444	-59.52	-13	-46.52	-74.52	-63.06	4.77	10.46	V
	3258	-57.47	-13	-44.47	-74.9	-61.75	5.52	11.95	V
									V
									V
									V
									V

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



LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1630	-57.10	-13	-44.10	-67.41	-60.47	3.86	9.38	H
	2445	-53.11	-13	-40.11	-67.86	-56.66	4.77	10.47	H
	3259	-57.86	-13	-44.86	-74.84	-62.15	5.52	11.95	H
									H
									H
									H
									H
	1630	-56.69	-13	-43.69	-67.13	-60.06	3.86	9.38	V
	2445	-53.88	-13	-40.88	-68.89	-57.43	4.77	10.47	V
	3259	-57.11	-13	-44.11	-74.55	-61.4	5.52	11.95	V
									V
									V
									V
									V

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



LTE Band 26 /824MHz/ 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
824MHz	1635	-61.55	-13	-48.55	-71.88	-64.94	3.87	9.41	H
	2452	-42.24	-13	-29.24	-56.98	-45.82	4.78	10.50	H
	3269	-58.48	-13	-45.48	-75.45	-62.82	5.53	12.01	H
									H
									H
									H
									H
	1635	-60.08	-13	-47.08	-70.52	-63.47	3.87	9.41	V
	2452	-41.75	-13	-28.75	-56.77	-45.33	4.78	10.50	V
	3269	-57.91	-13	-44.91	-75.35	-62.25	5.53	12.01	V
									V
									V
									V
									V

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