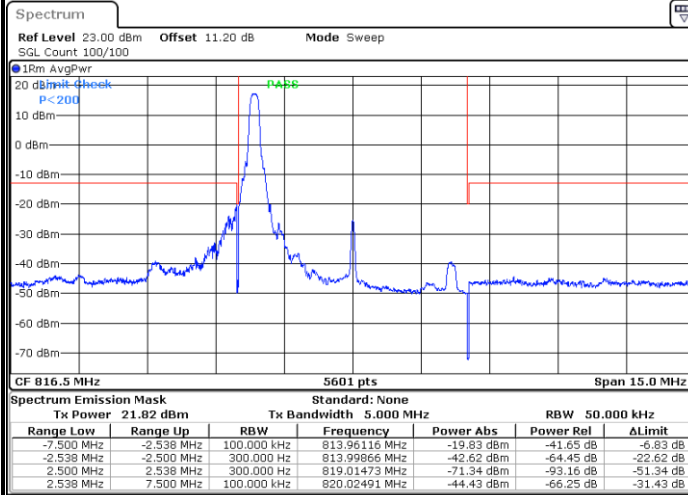


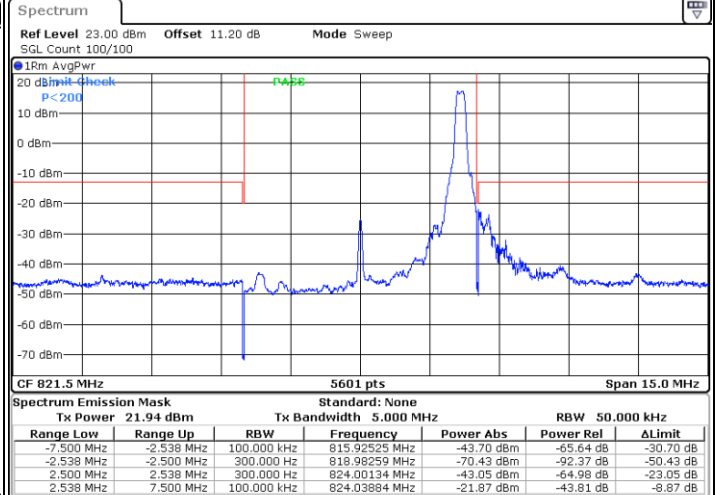


LTE Band 26 / 5MHz / 64QAM

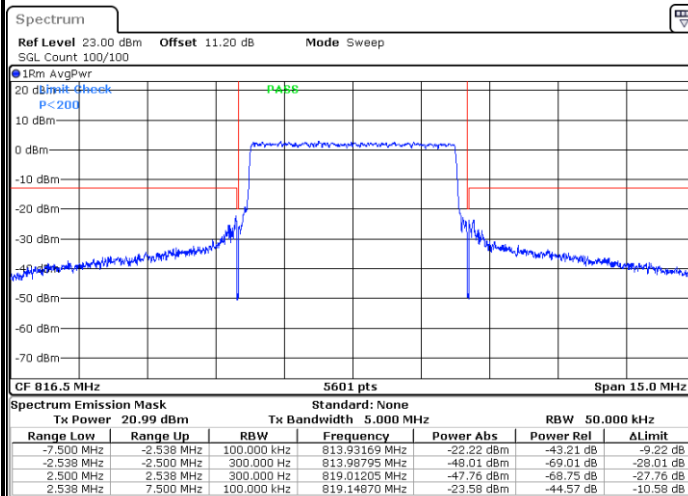
Lowest Band Edge / 1RB



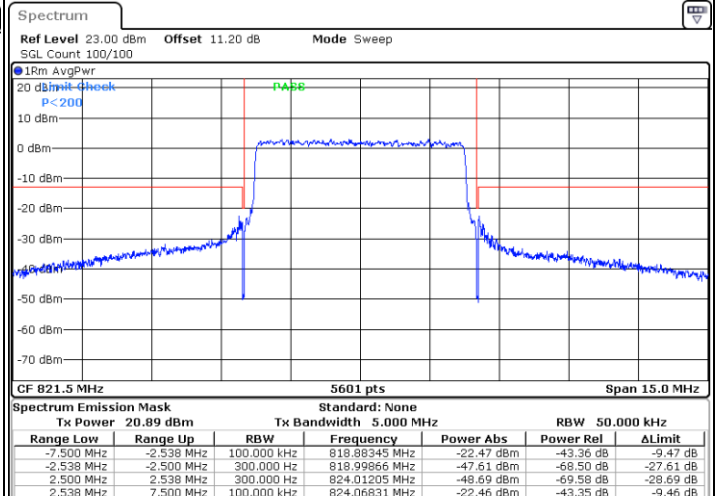
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



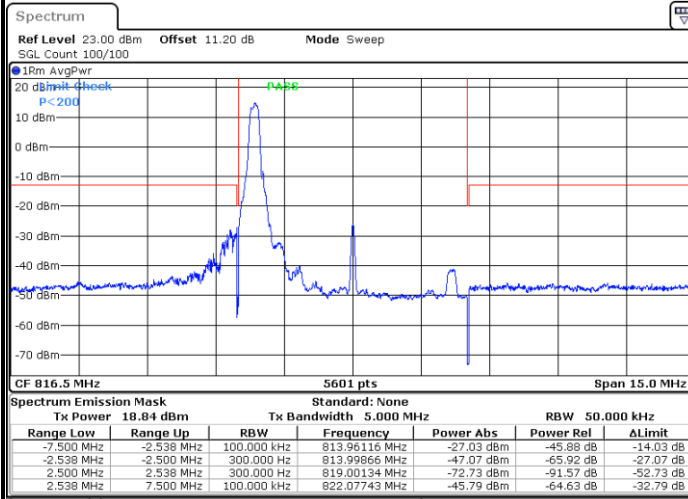
Highest Band Edge / Full RB



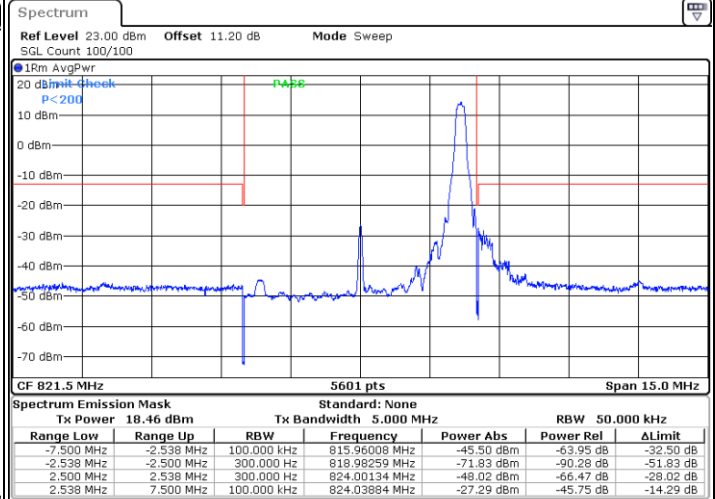


LTE Band 26 / 5MHz / 256QAM

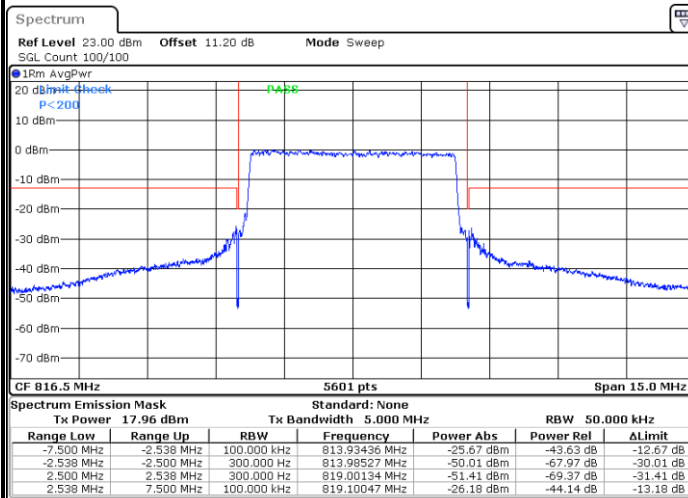
Lowest Band Edge / 1RB



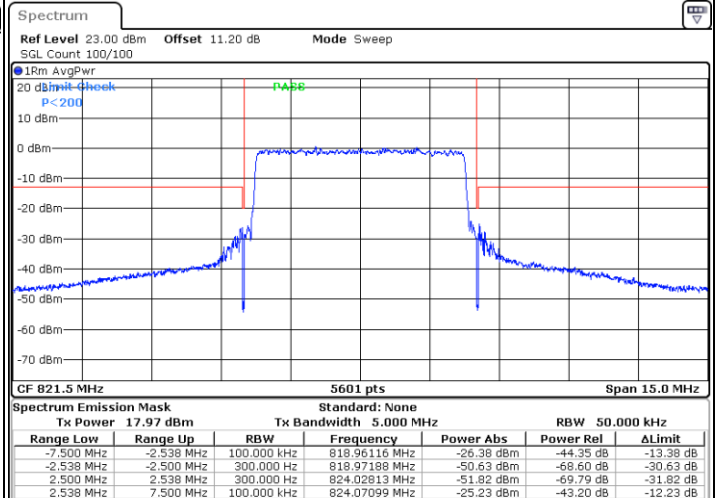
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



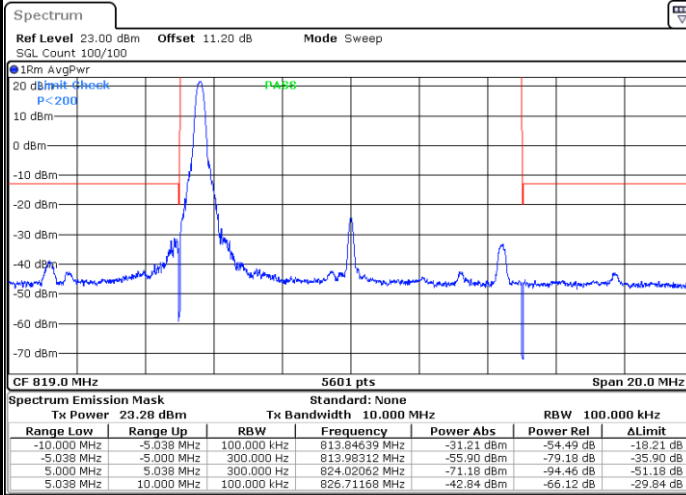
Highest Band Edge / Full RB



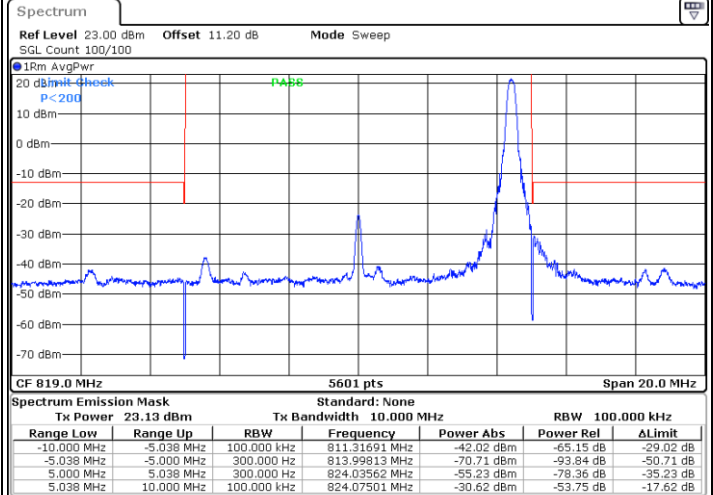


LTE Band 26 / 10MHz / QPSK

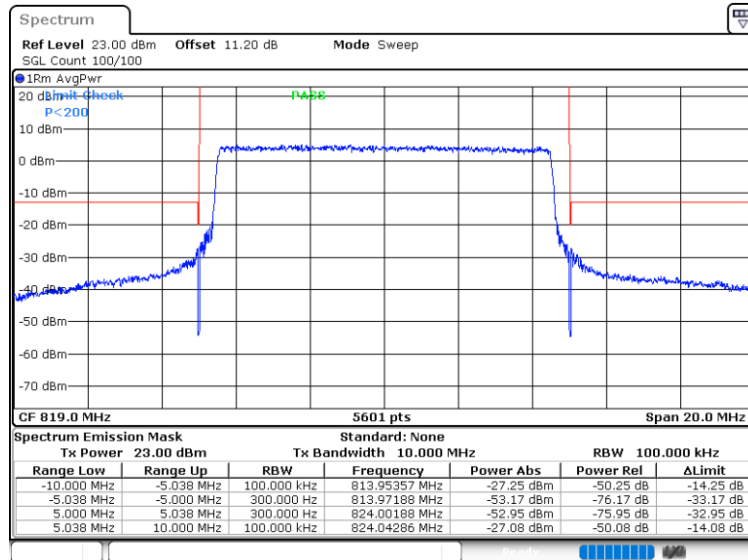
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



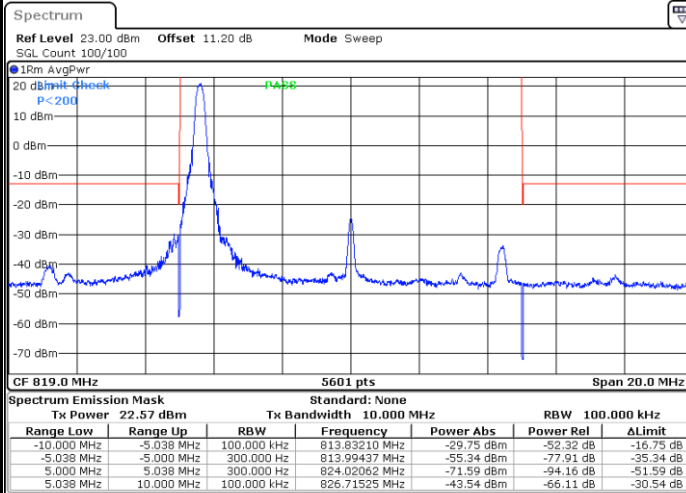
Lowest Band Edge / Full RB



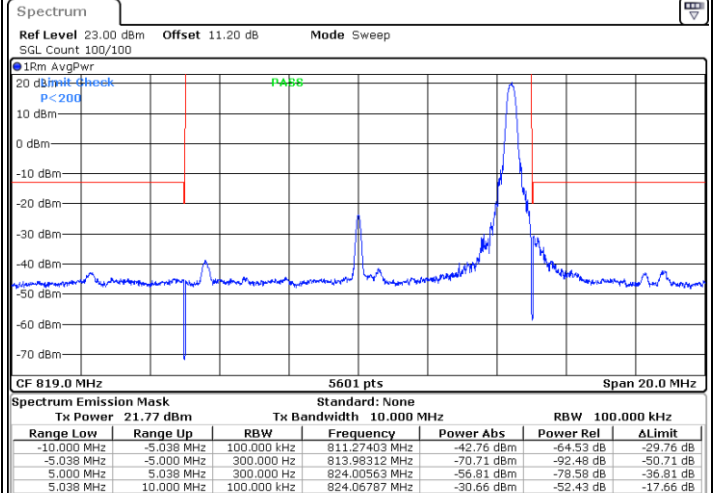


LTE Band 26 / 10MHz / 16QAM

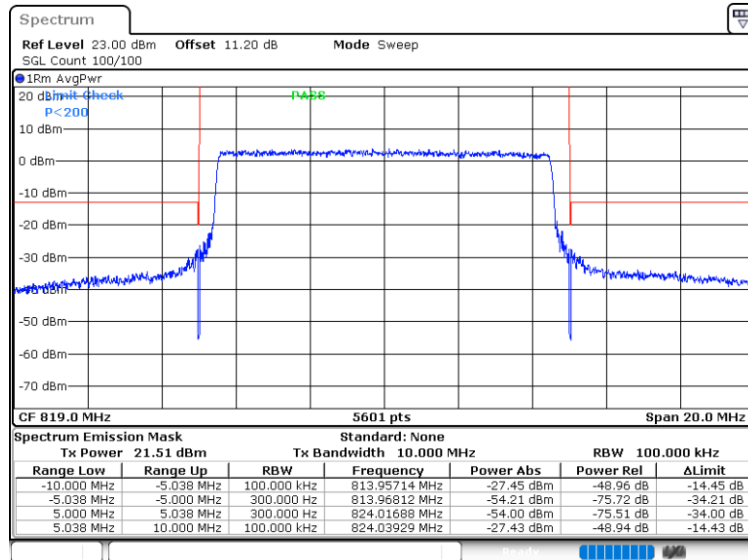
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



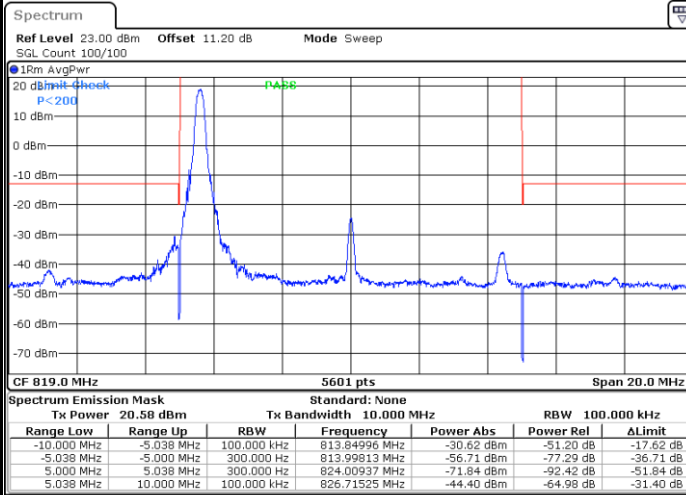
Lowest Band Edge / Full RB



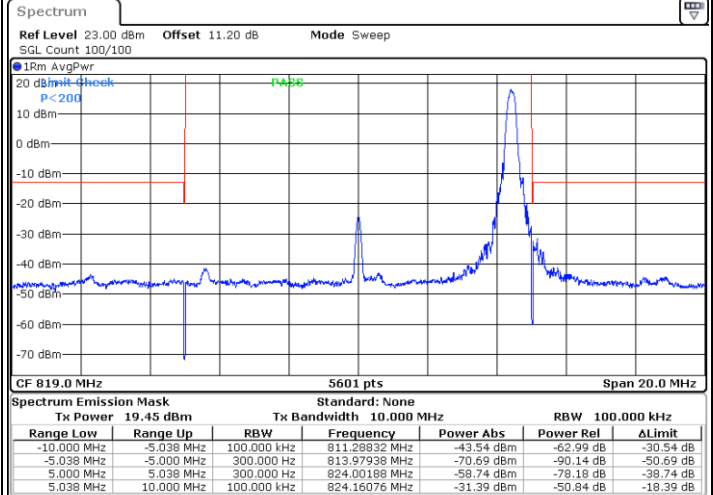


LTE Band 26 / 10MHz / 64QAM

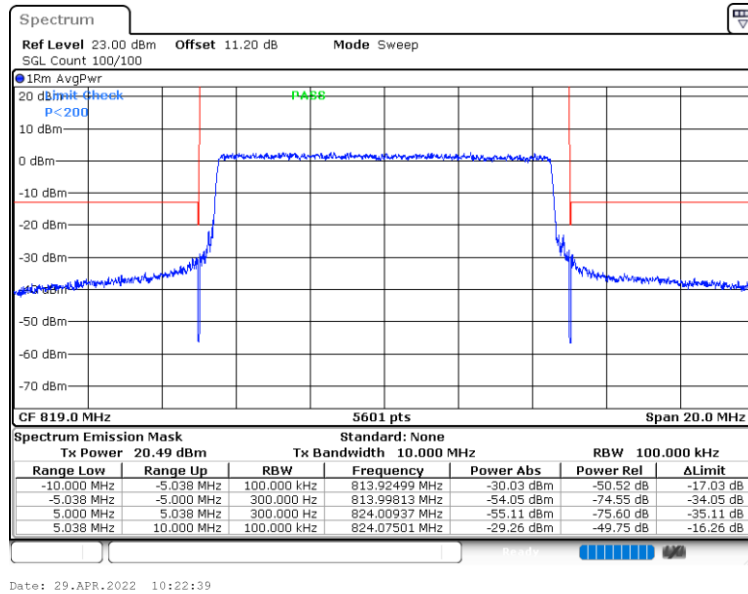
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



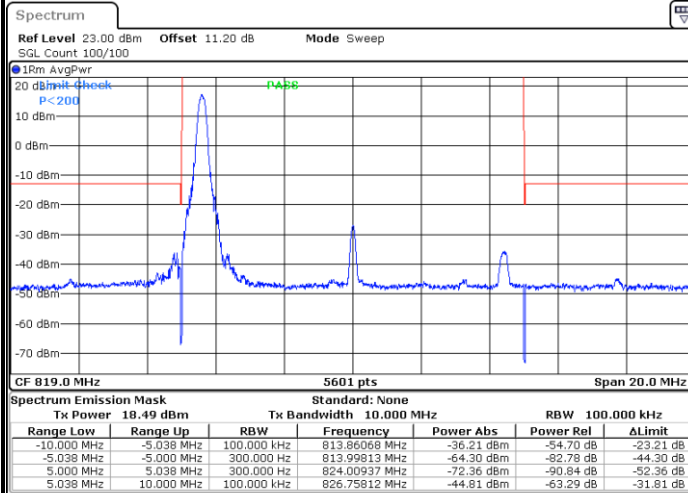
Lowest Band Edge / Full RB



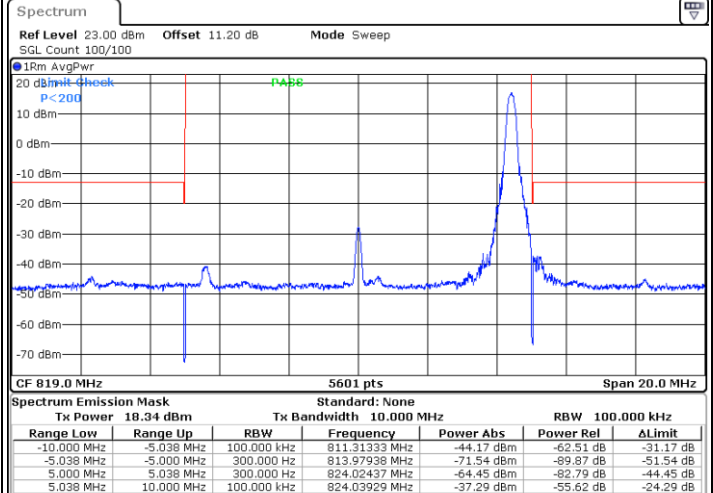


LTE Band 26 / 10MHz / 256QAM

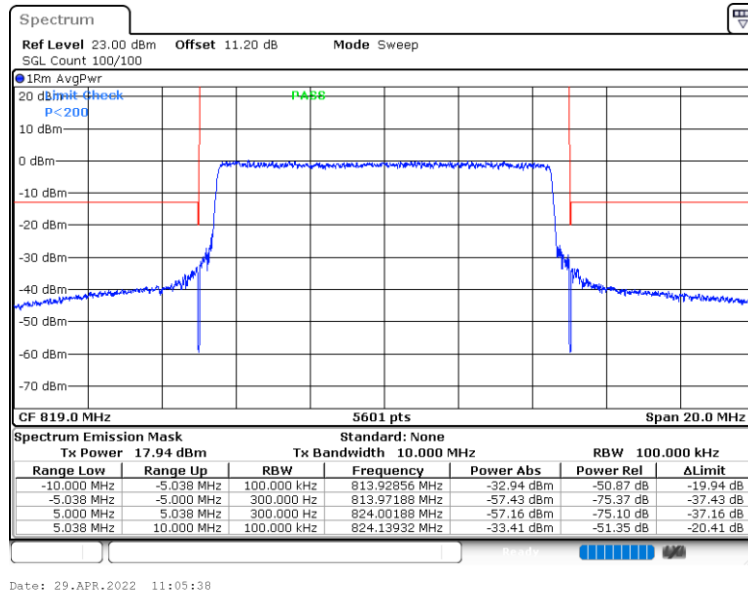
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



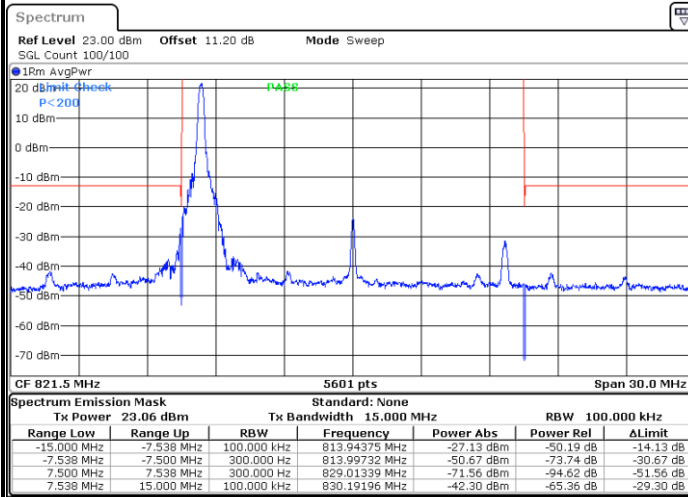
Lowest Band Edge / Full RB



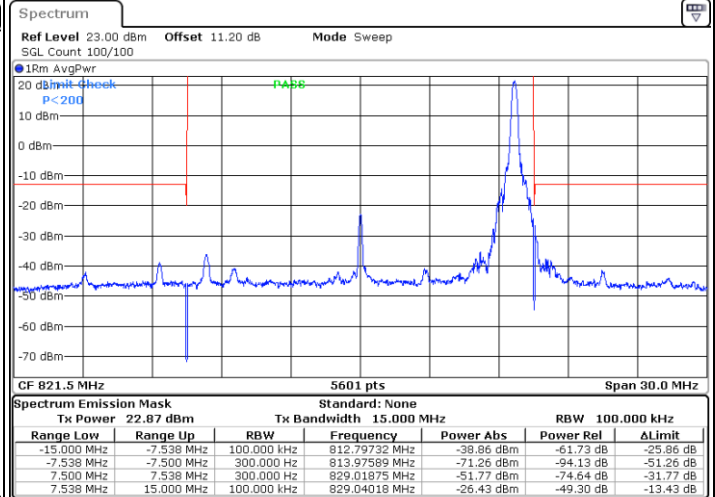


LTE Band 26 / 15MHz / QPSK

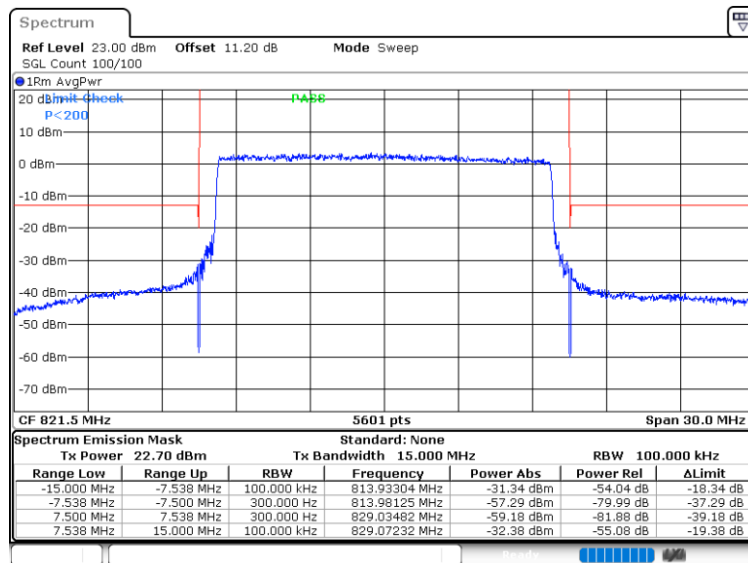
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



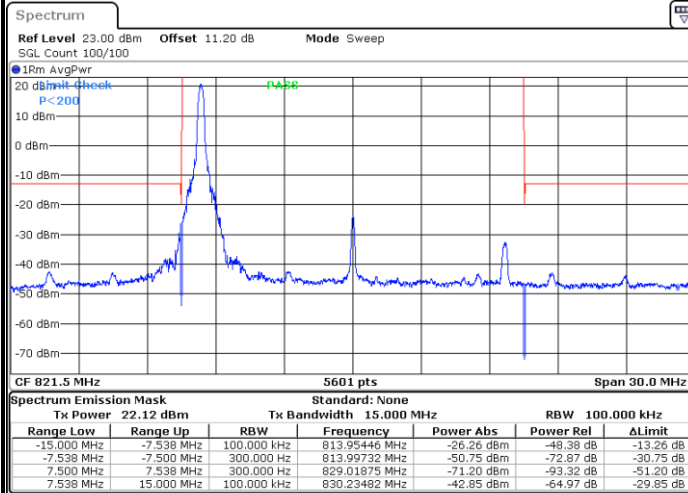
Lowest Band Edge / Full RB



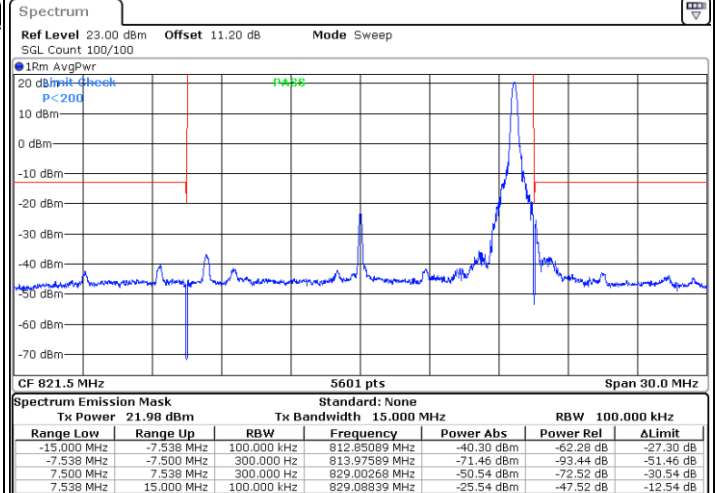


LTE Band 26 / 15MHz / 16QAM

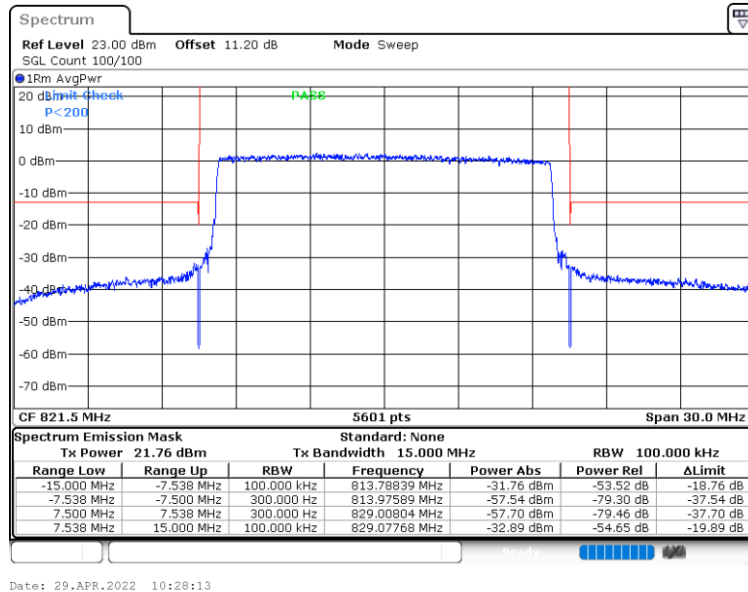
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



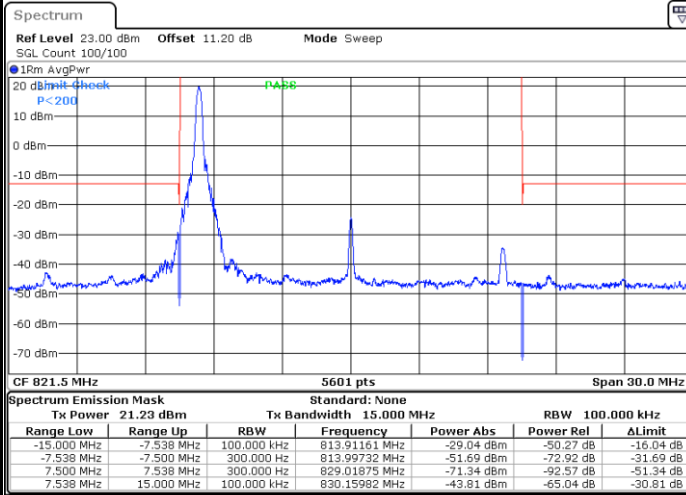
Lowest Band Edge / Full RB



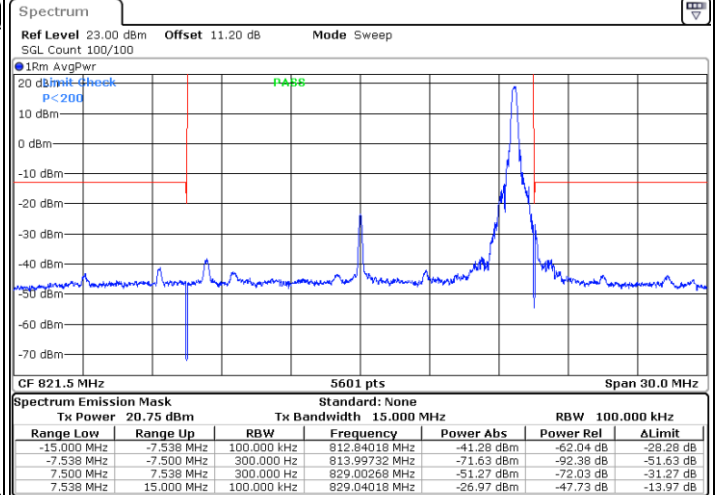


LTE Band 26 / 15MHz / 64QAM

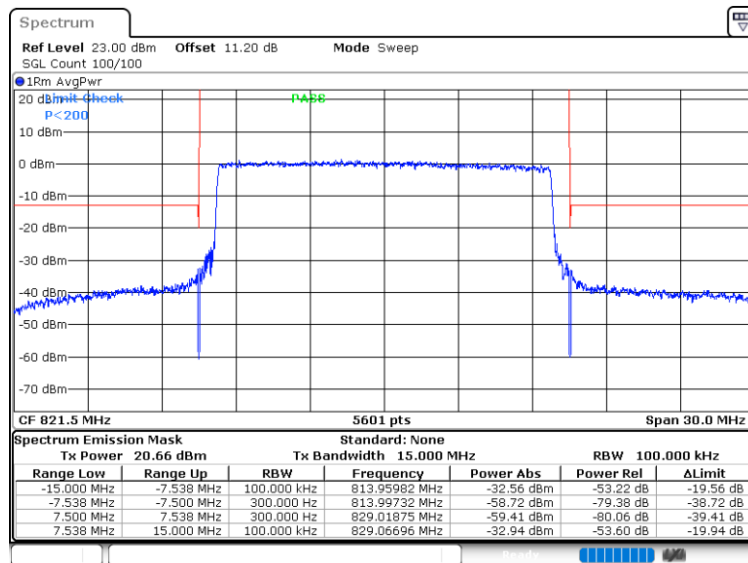
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



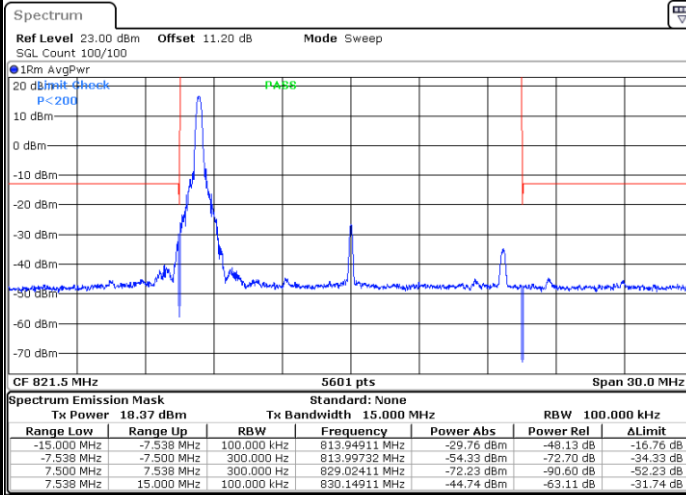
Lowest Band Edge / Full RB



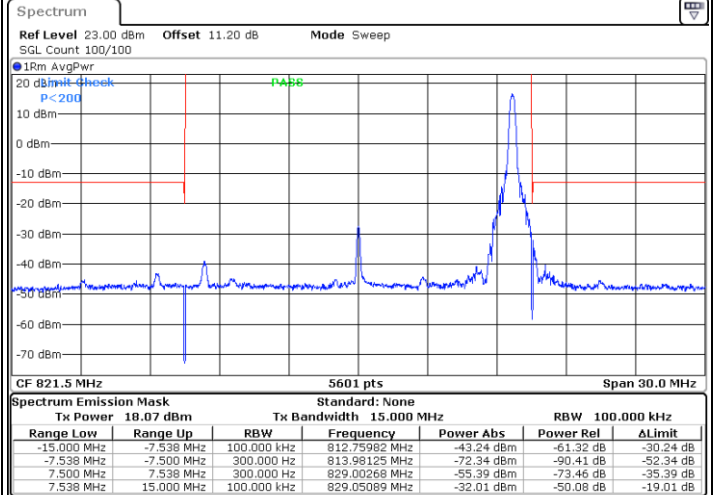


LTE Band 26 / 15MHz / 256QAM

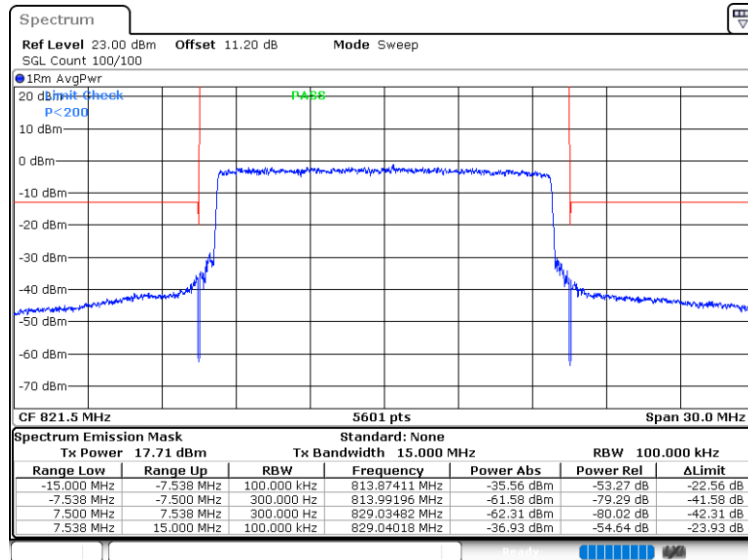
Lowest Band Edge / 1 RB

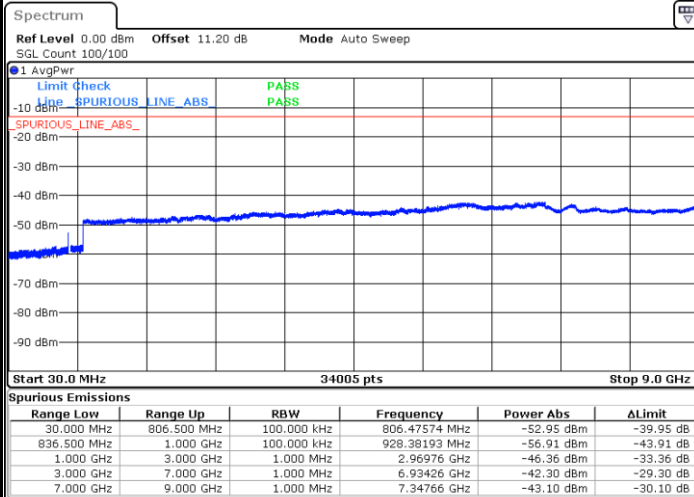


Highest Band Edge / 1 RB

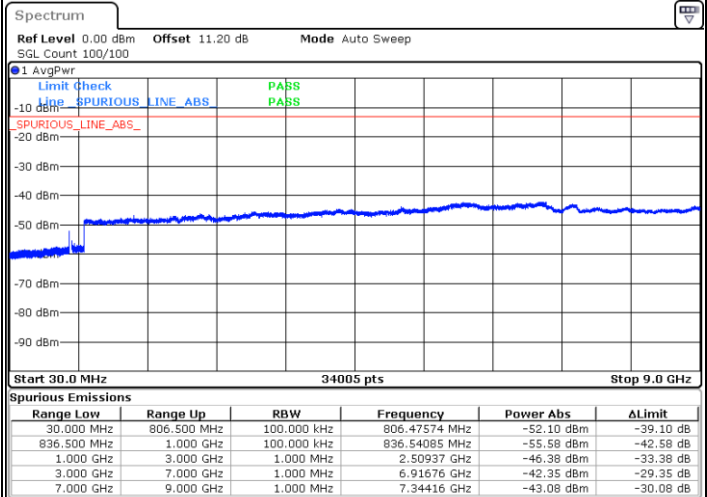


Lowest Band Edge / Full RB

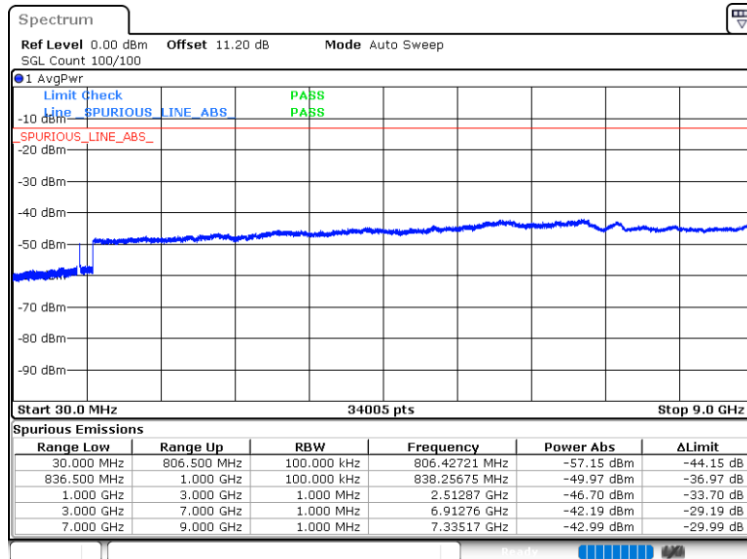


**Emission masks – Out of band emissions****LTE Band 26 / 1.4MHz****Lowest Channel / QPSK**

Date: 29.APR.2022 09:17:37

Middle Channel / QPSK

Date: 29.APR.2022 09:20:31

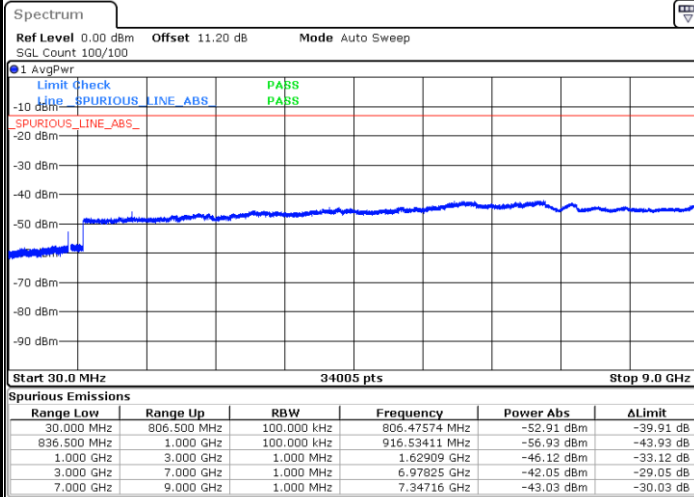
Highest Channel / QPSK

Date: 29.APR.2022 09:23:08



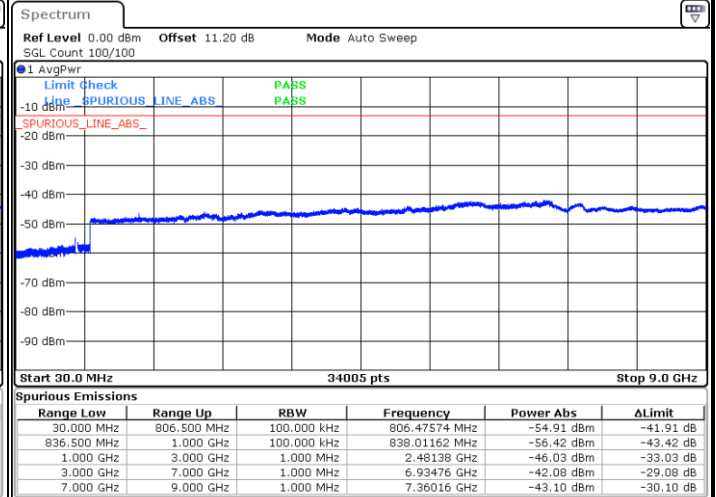
LTE Band 26 / 3MHz

Lowest Channel / QPSK



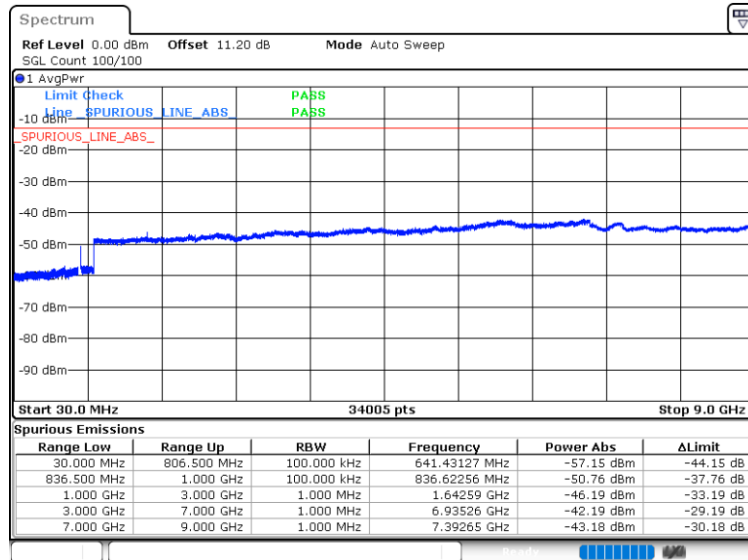
Date: 29.APR.2022 09:40:02

Middle Channel / QPSK



Date: 29.APR.2022 09:41:09

Highest Channel / QPSK

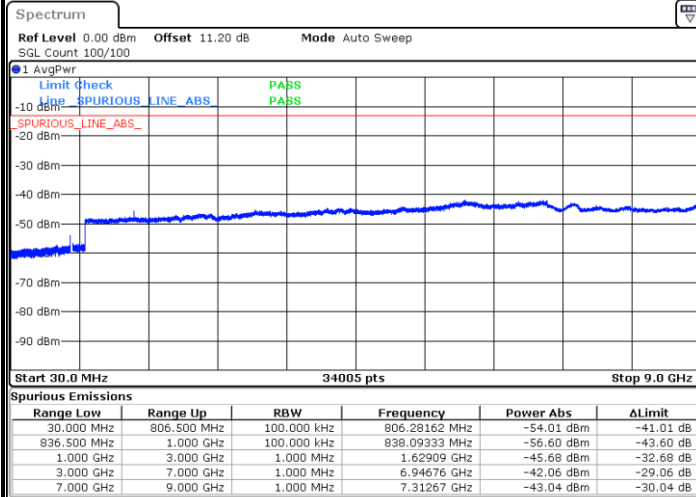


Date: 29.APR.2022 09:42:15



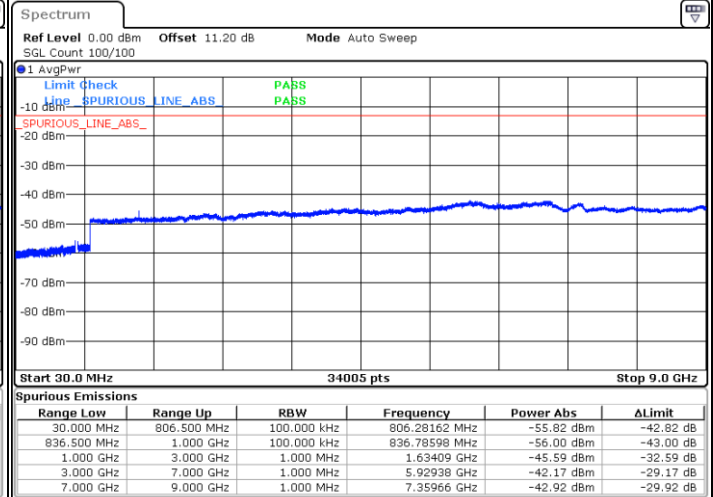
LTE Band 26 / 5MHz

Lowest Channel / QPSK



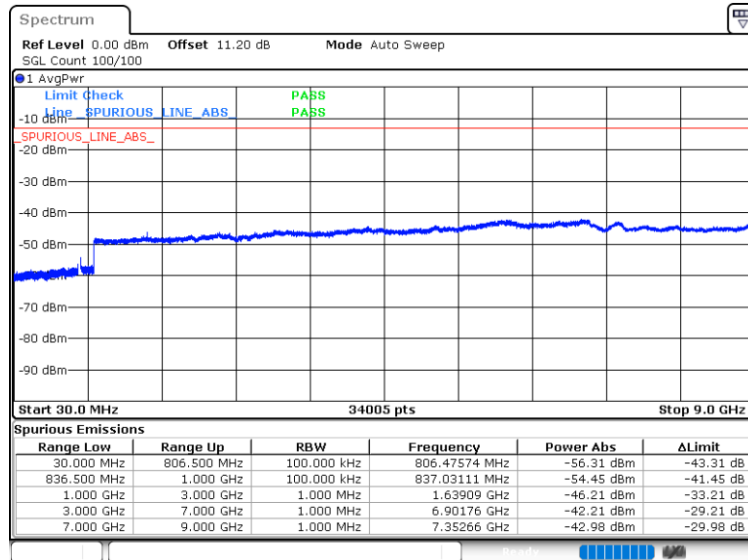
Date: 29.APR.2022 09:55:55

Middle Channel / QPSK

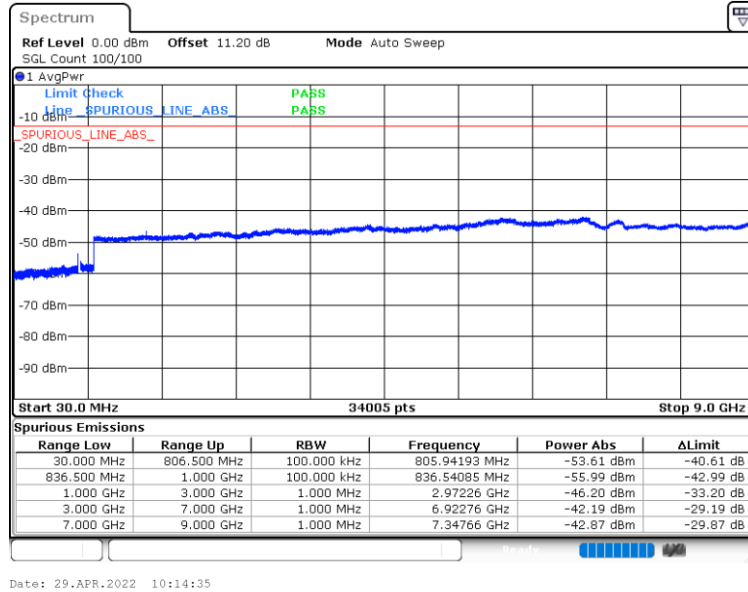
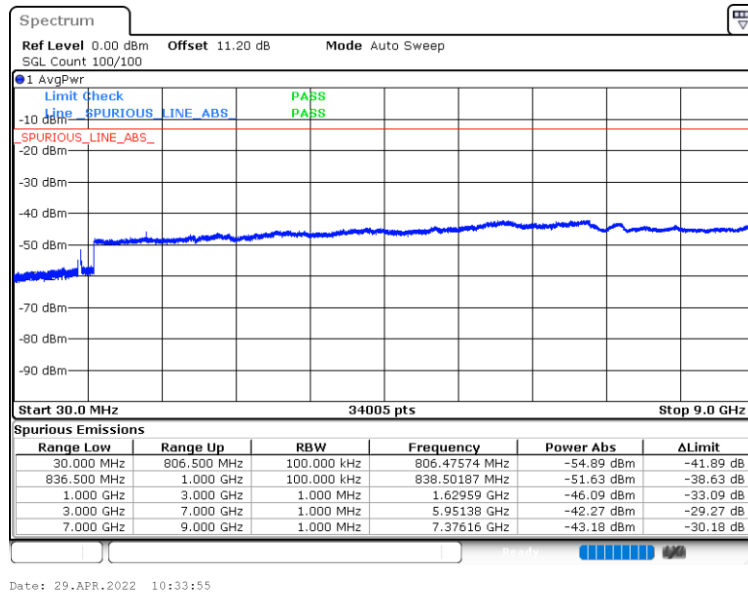


Date: 29.APR.2022 09:58:49

Highest Channel / QPSK



Date: 29.APR.2022 09:59:56

**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	0.0105	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0057	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0148	
0	Normal Voltage	0.0115	
-10	Normal Voltage	0.0156	
-20	Normal Voltage	0.0161	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0088	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0095	

Note:

1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.40 V. ; Maximum Voltage = 4.30 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	0.0017	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0130	
0	Normal Voltage	0.0112	
-10	Normal Voltage	0.0085	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0152	
20	Maximum Voltage	0.0164	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0085	

Note:

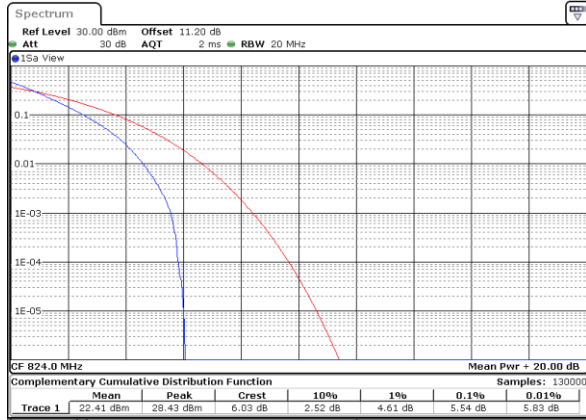
1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.40 V. ; Maximum Voltage = 4.30 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



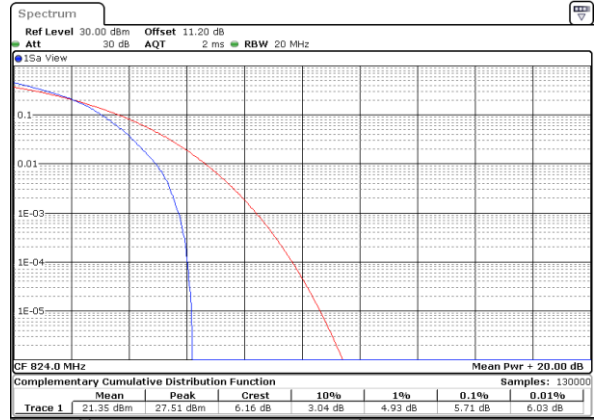
LTE Band 26_824MHz

Peak-to-Average Ratio

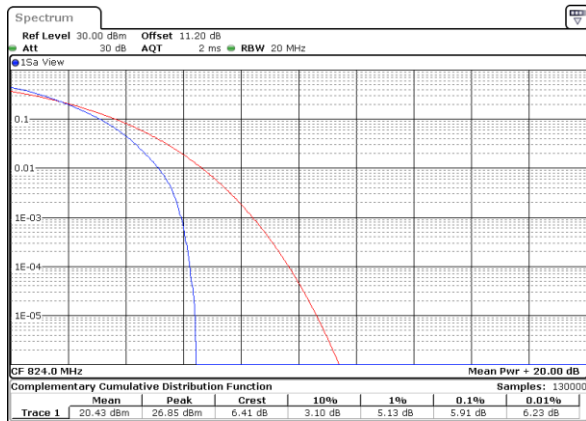
Mode	LTE Band 26 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.54	5.71	5.91	6.81	PASS

LTE Band 26 / 15MHz / QPSK
Middle Channel / Full RB


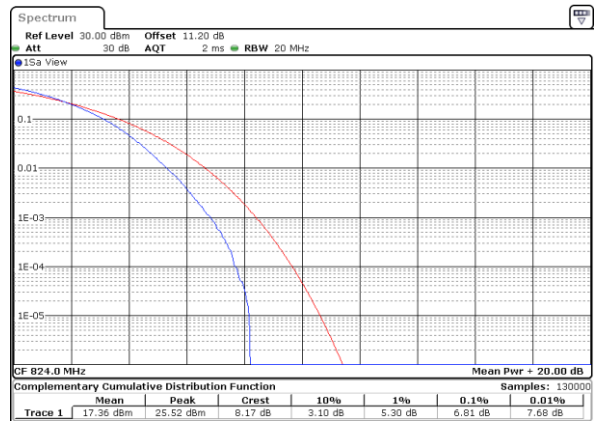
Date: 29.APR.2022 12:01:15

LTE Band 26 / 15MHz / 16QAM
Middle Channel / Full RB


Date: 29.APR.2022 12:01:43

LTE Band 26 / 15MHz / 64QAM
Middle Channel / Full RB


Date: 29.APR.2022 12:02:11

LTE Band 26 / 15MHz / 256QAM
Middle Channel / Full RB


Date: 29.APR.2022 12:03:27

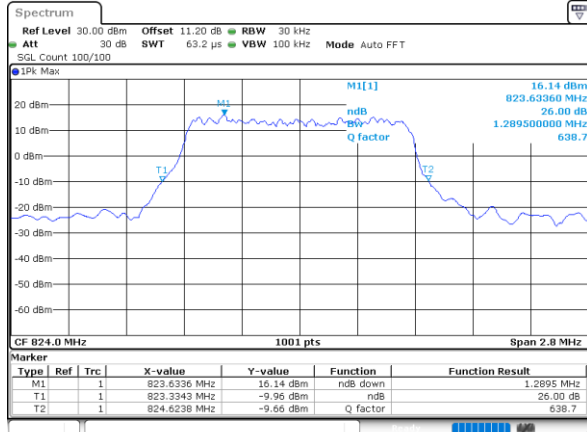
**26dB Bandwidth**

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	1.29	1.30	3.10	3.05	5.28	5.09	10.09	9.87	14.51	14.72	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.30	1.29	3.07	3.14	5.05	5.28	10.07	9.97	14.09	14.57	-	-



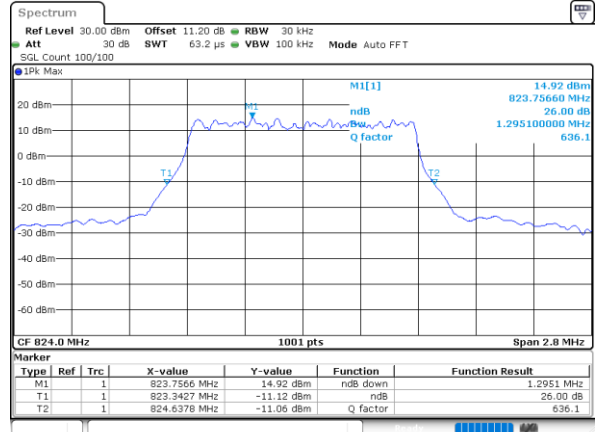
LTE Band 26

Middle Channel / 1.4MHz / QPSK



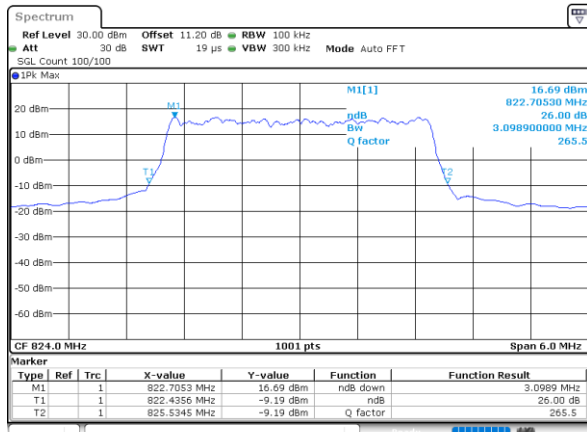
Date: 29.APR.2022 11:13:36

Middle Channel / 1.4MHz / 16QAM



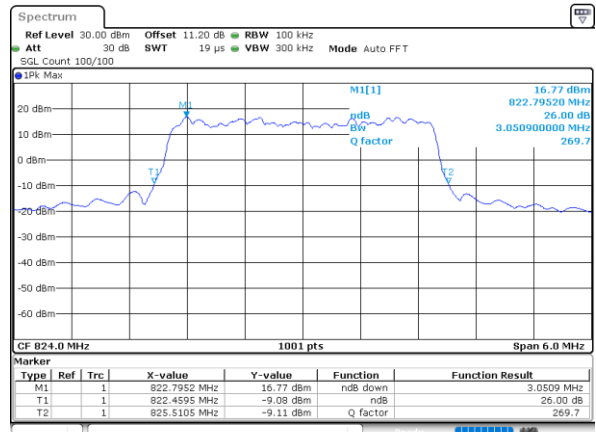
Date: 29.APR.2022 11:14:03

Middle Channel / 3MHz / QPSK



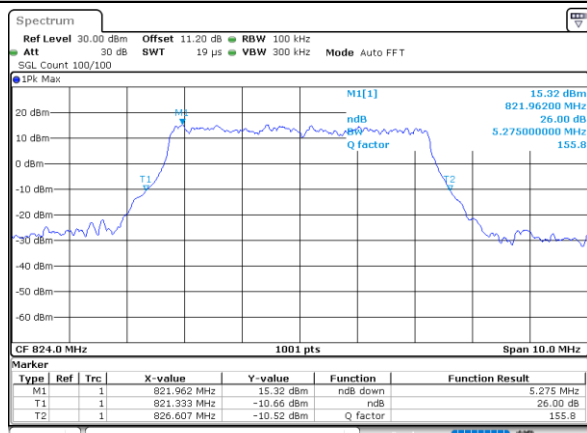
Date: 29.APR.2022 11:33:06

Middle Channel / 3MHz / 16QAM



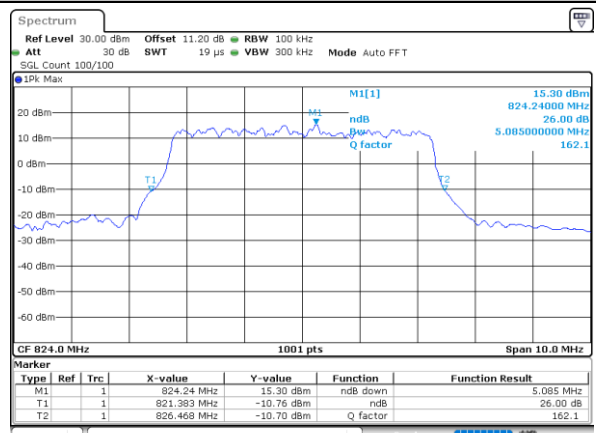
Date: 29.APR.2022 11:33:33

Middle Channel / 5MHz / QPSK



Date: 29.APR.2022 11:39:27

Middle Channel / 5MHz / 16QAM

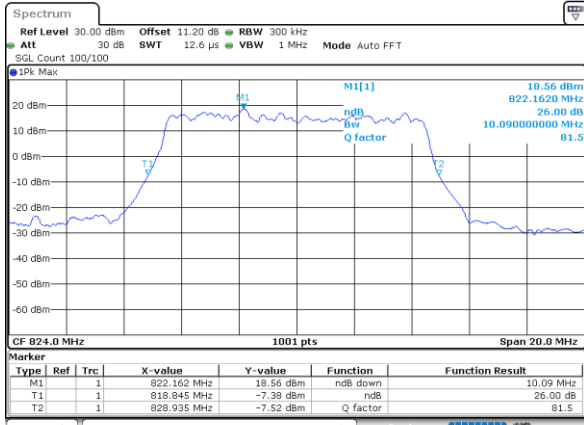


Date: 29.APR.2022 11:39:54



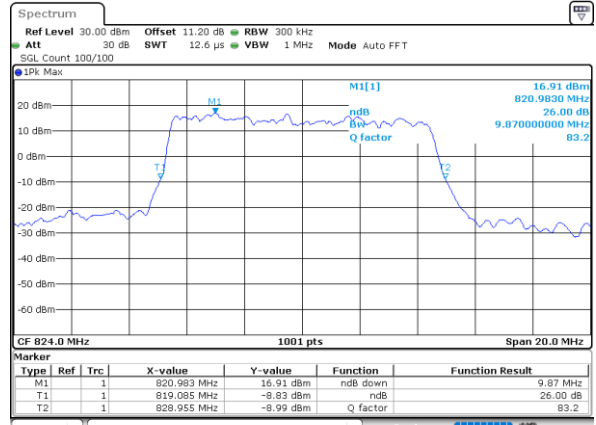
LTE Band 26

Middle Channel / 10MHz / QPSK



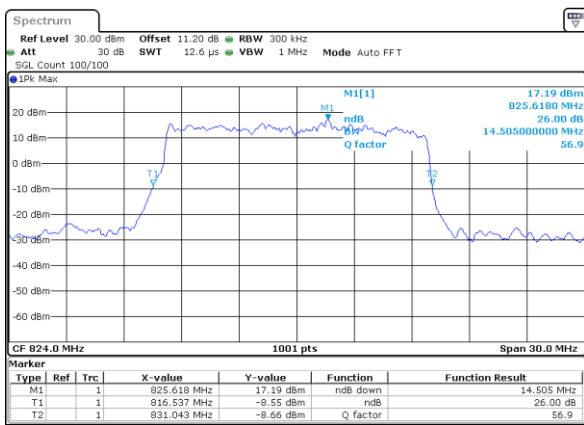
Date: 29.APR.2022 11:51:33

Middle Channel / 10MHz / 16QAM



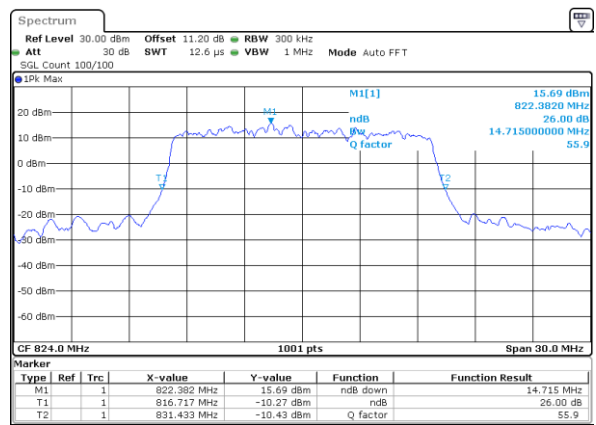
Date: 29.APR.2022 11:52:00

Middle Channel / 15MHz / QPSK



Date: 29.APR.2022 11:58:16

Middle Channel / 15MHz / 16QAM

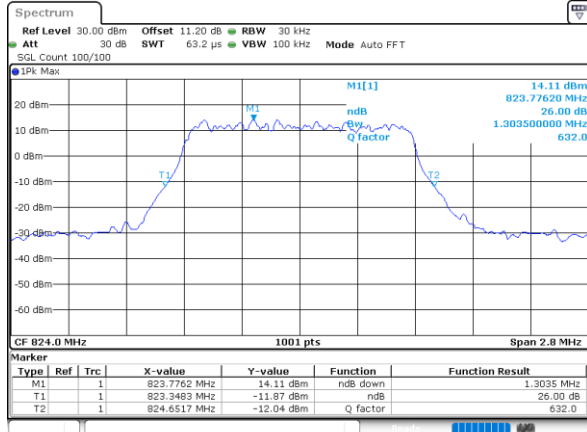


Date: 29.APR.2022 11:58:43

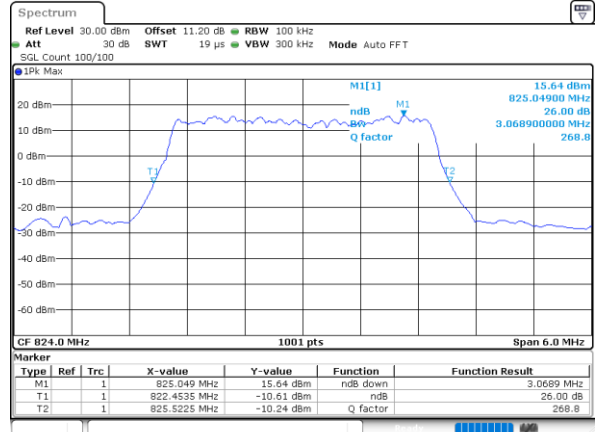


LTE Band 26

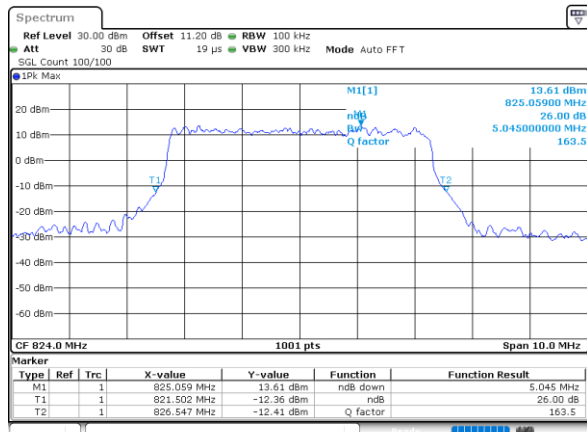
Middle Channel / 1.4MHz / 64QAM



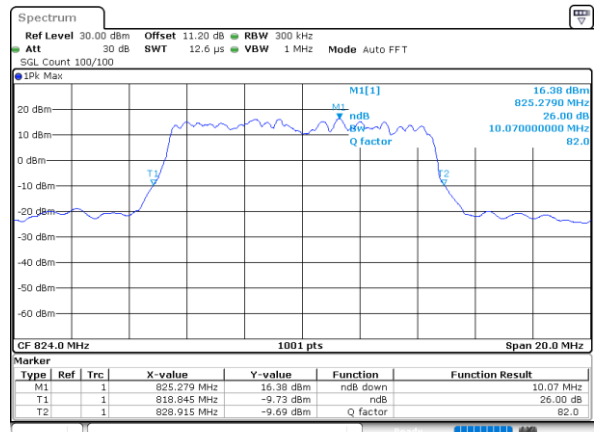
Middle Channel / 3MHz / 64QAM



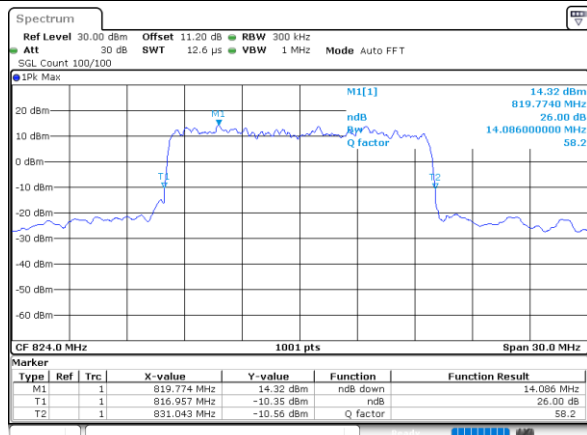
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

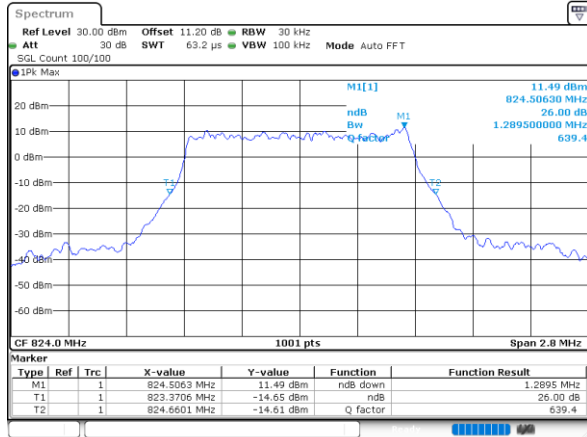


N/A



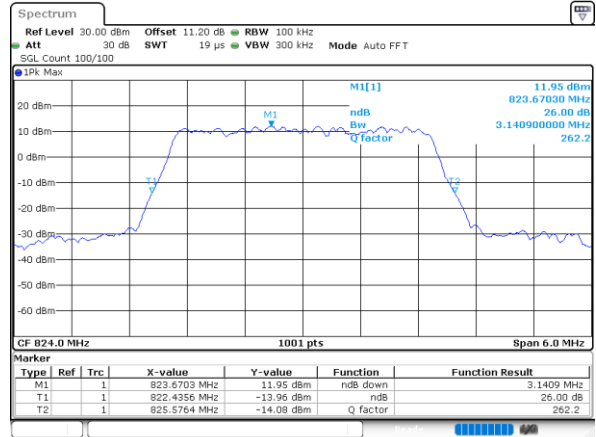
LTE Band 26

Middle Channel / 1.4MHz / 256QAM



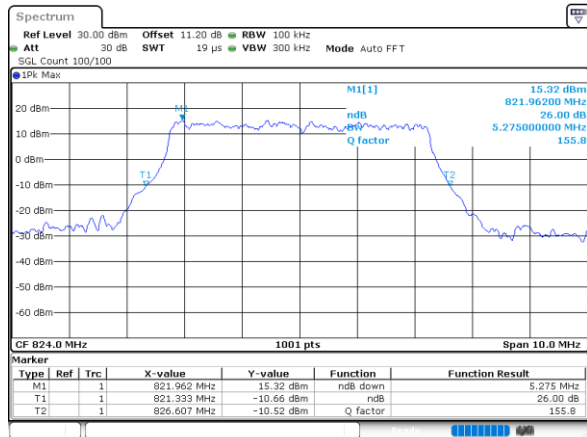
Date: 29.APR.2022 11:14:56

Middle Channel / 3MHz / 256QAM



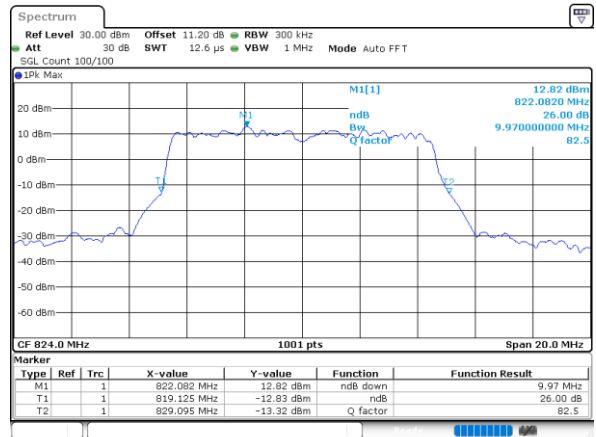
Date: 29.APR.2022 11:14:26

Middle Channel / 5MHz / 256QAM



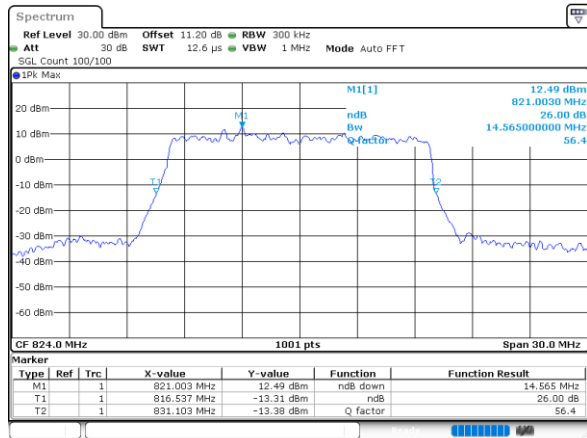
Date: 29.APR.2022 11:39:27

Middle Channel / 10MHz / 256QAM



Date: 29.APR.2022 11:52:53

Middle Channel / 15MHz / 256QAM



Date: 29.APR.2022 11:59:36

N/A

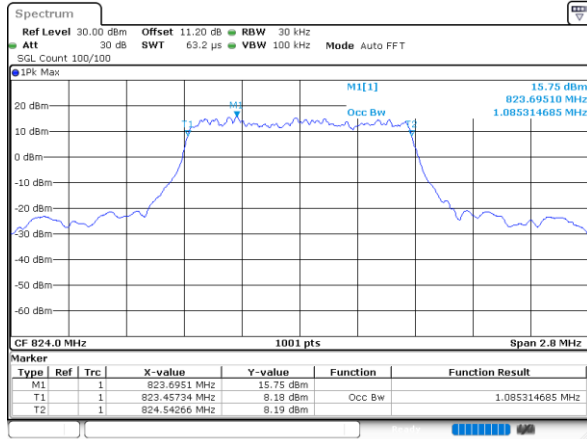
**Occupied Bandwidth**

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	1.09	2.74	2.75	4.49	4.51	9.01	9.05	13.46	13.40	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.09	1.09	2.74	2.73	4.55	4.51	9.07	9.11	13.46	13.43	-	-

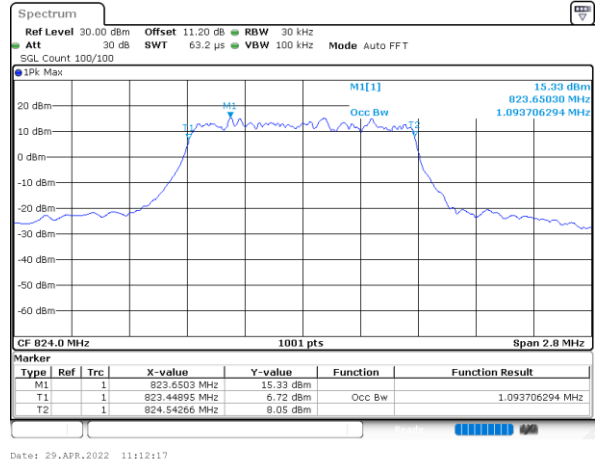


LTE Band 26

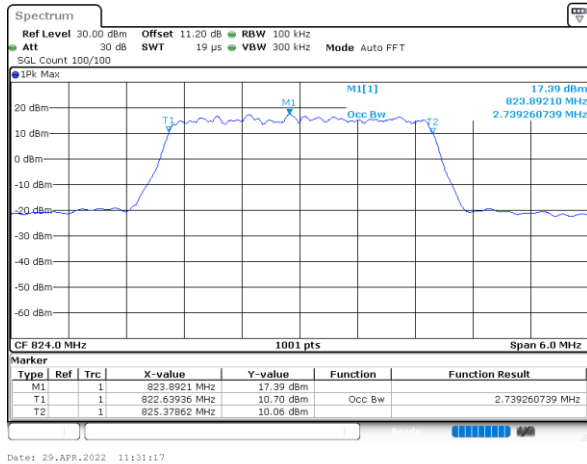
Middle Channel / 1.4MHz / QPSK



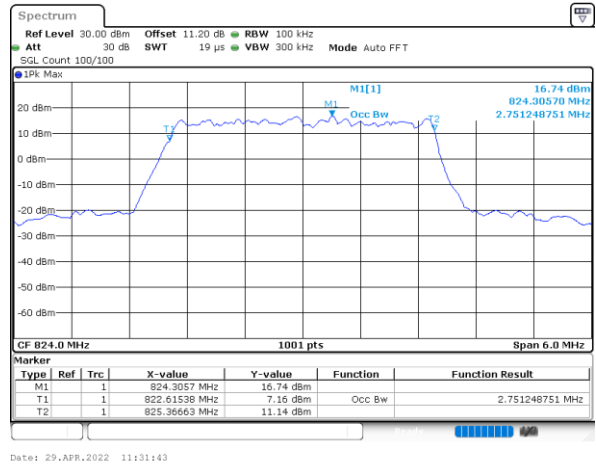
Middle Channel / 1.4MHz / 16QAM



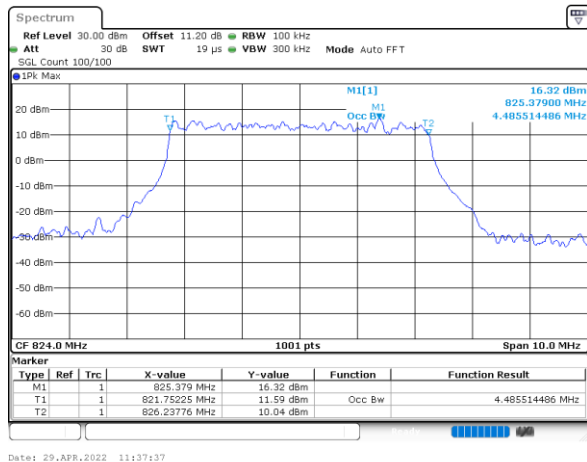
Middle Channel / 3MHz / QPSK



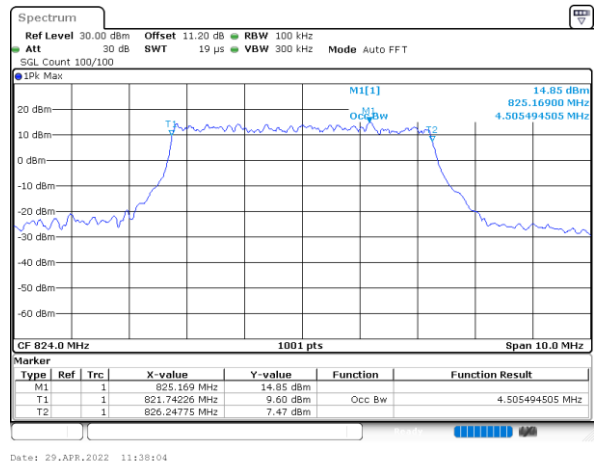
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



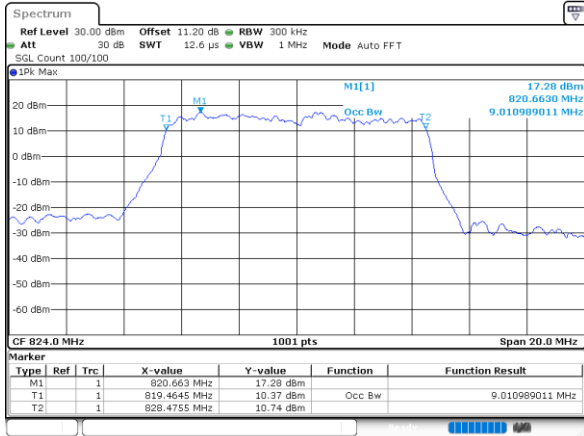
Middle Channel / 5MHz / 16QAM



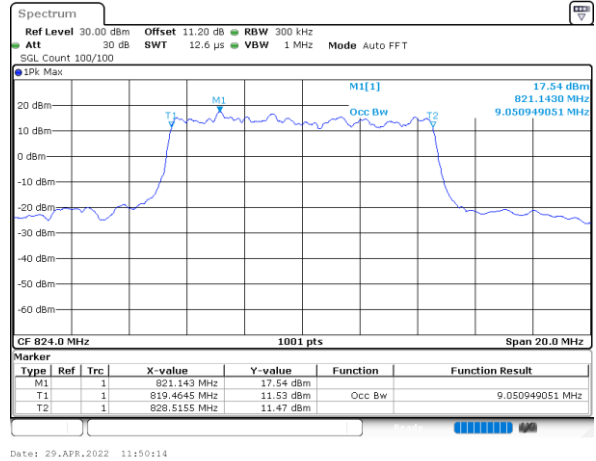


LTE Band 26

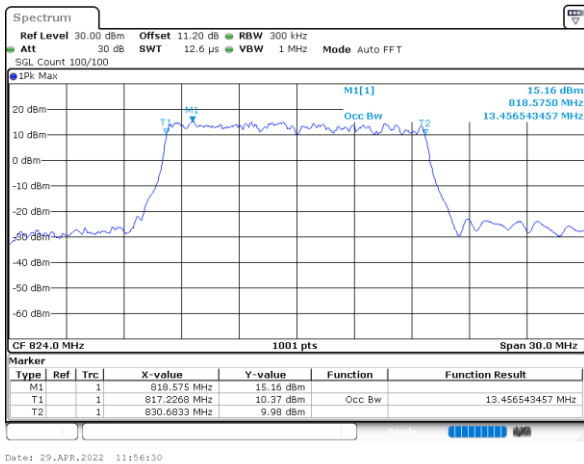
Middle Channel / 10MHz / QPSK



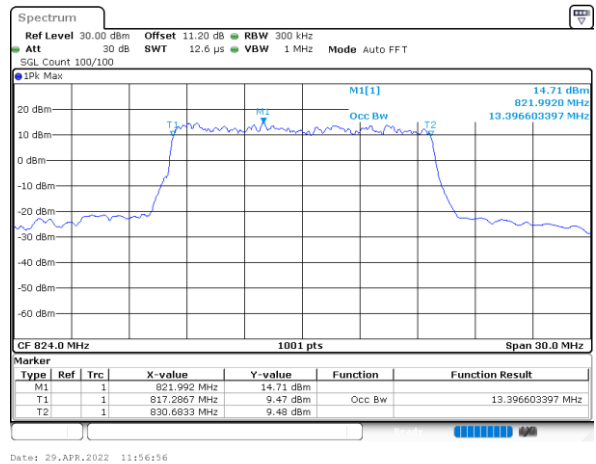
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



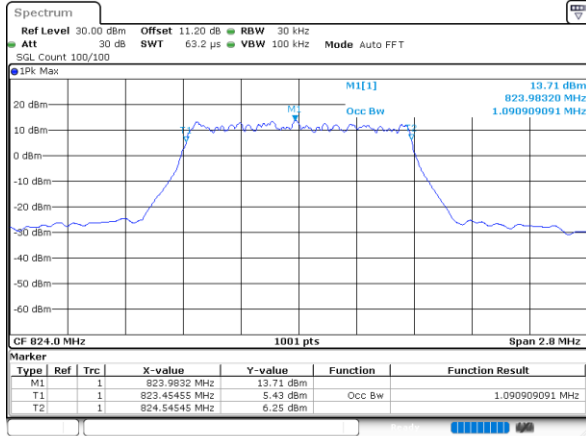
Middle Channel / 15MHz / 16QAM



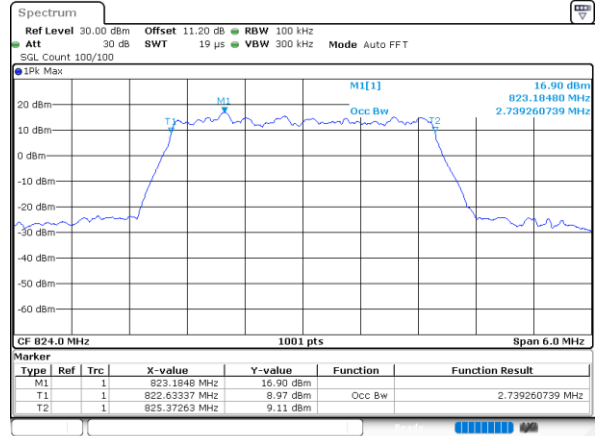


LTE Band 26

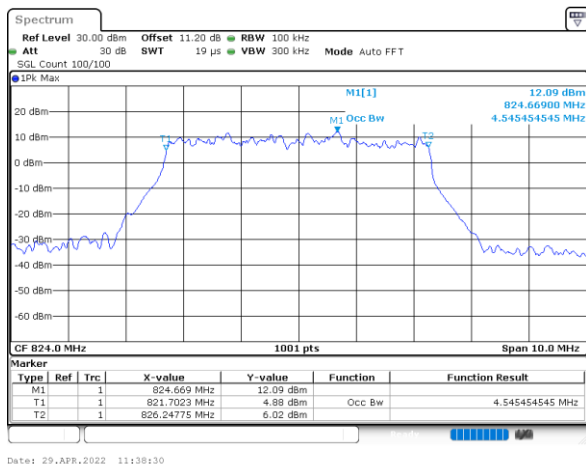
Middle Channel / 1.4MHz / 64QAM



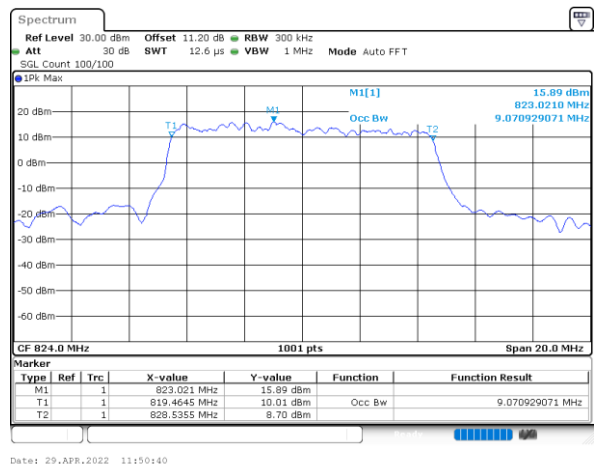
Middle Channel / 3MHz / 64QAM



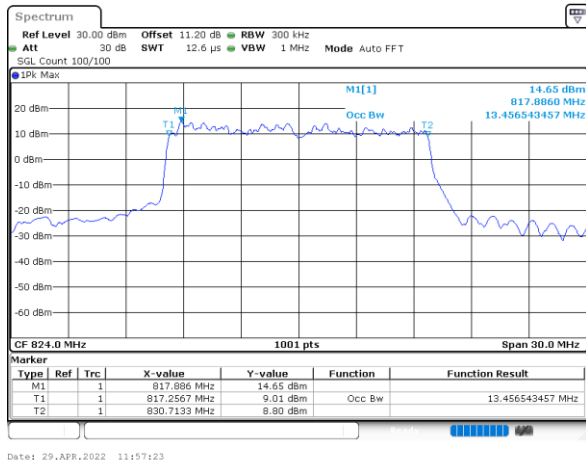
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

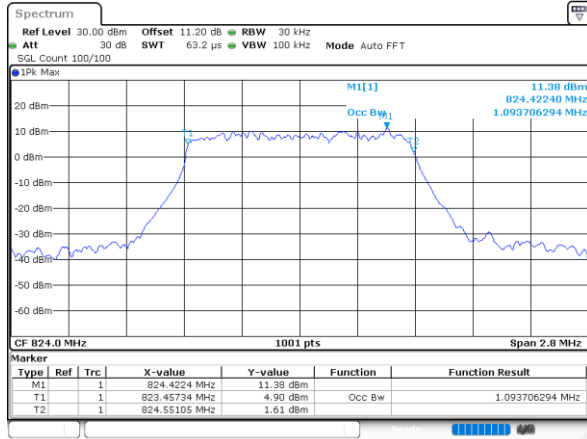


N/A

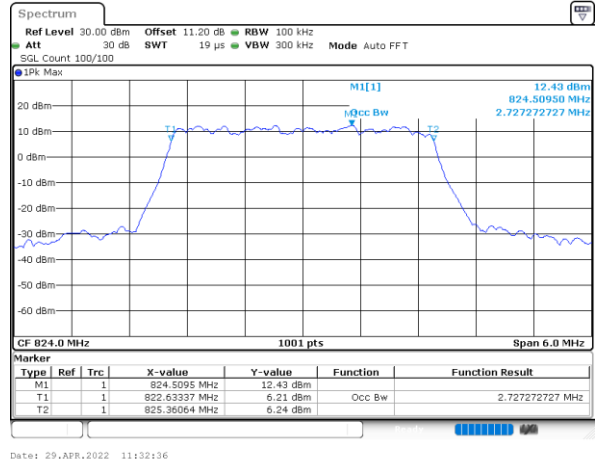


LTE Band 26

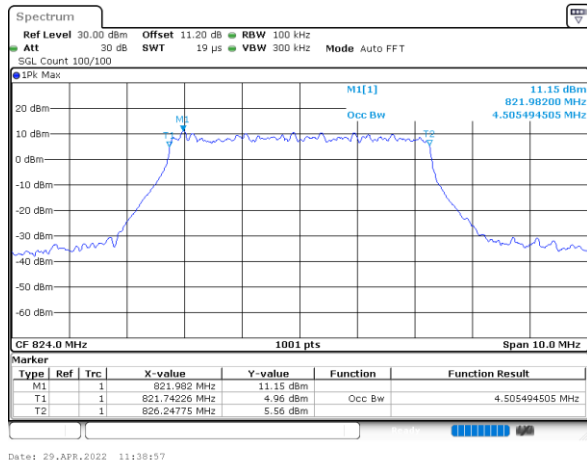
Middle Channel / 1.4MHz / 256QAM



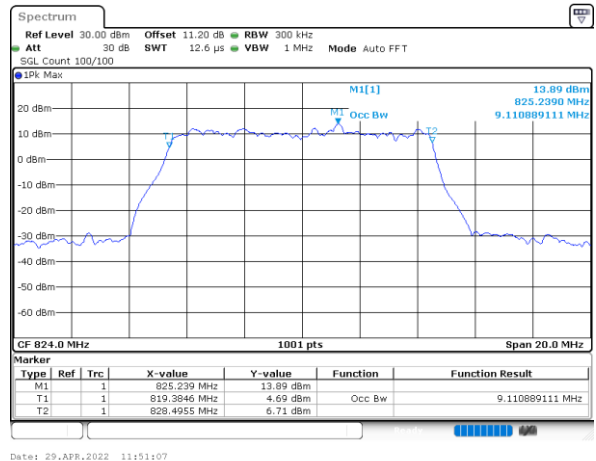
Middle Channel / 3MHz / 256QAM



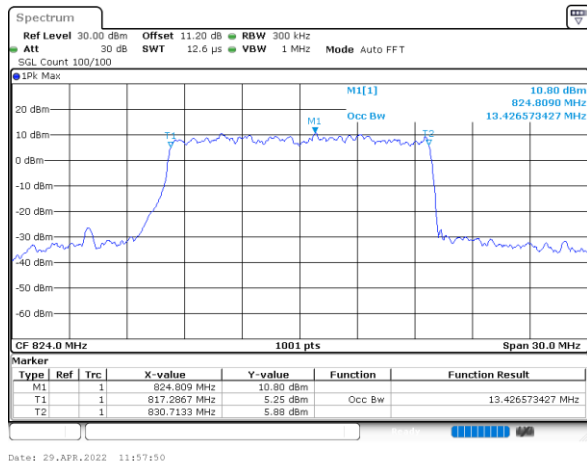
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



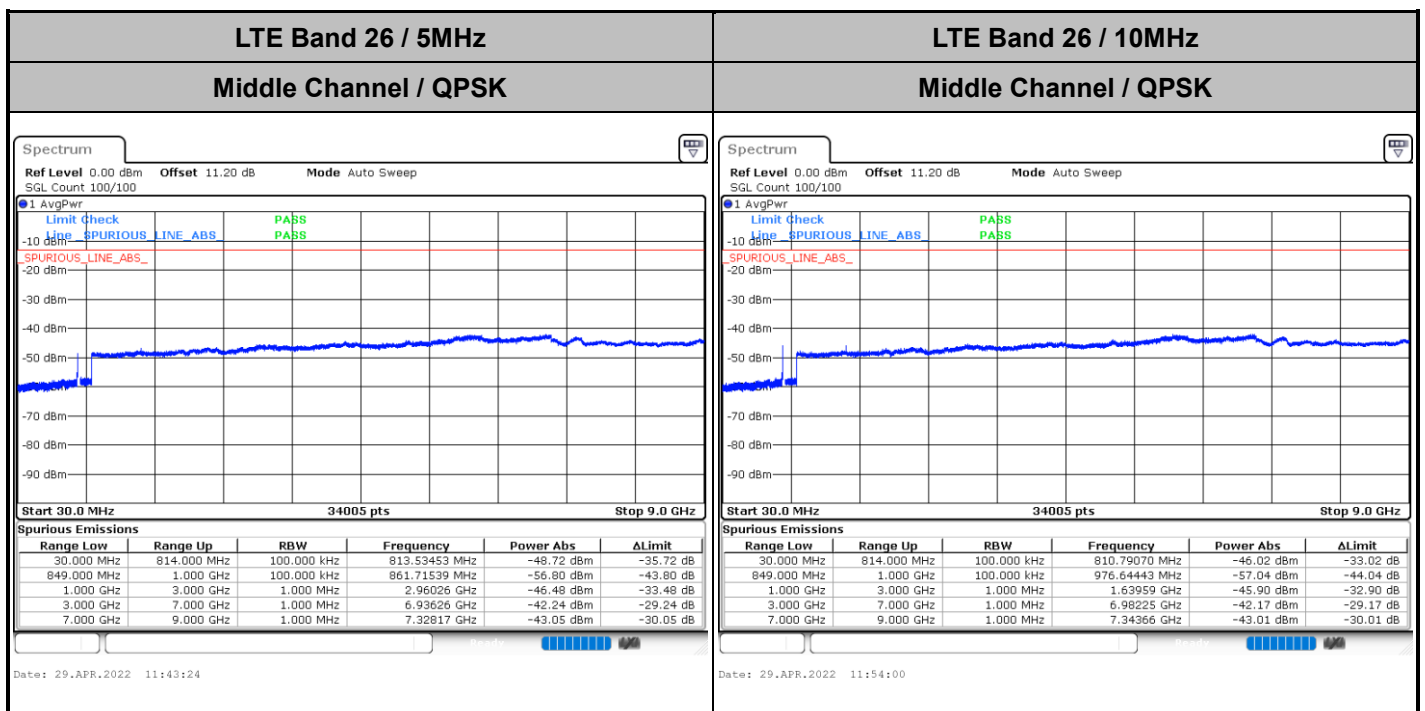
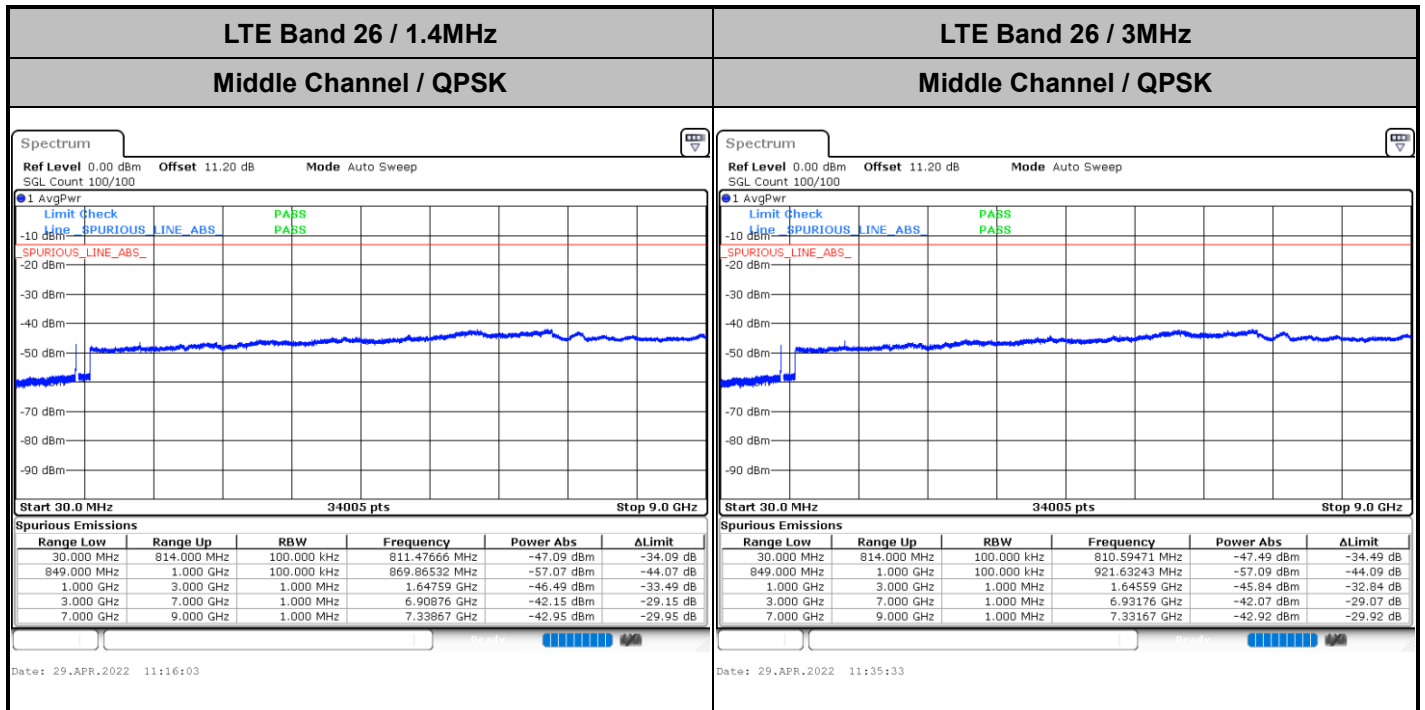
Middle Channel /15MHz / 256QAM

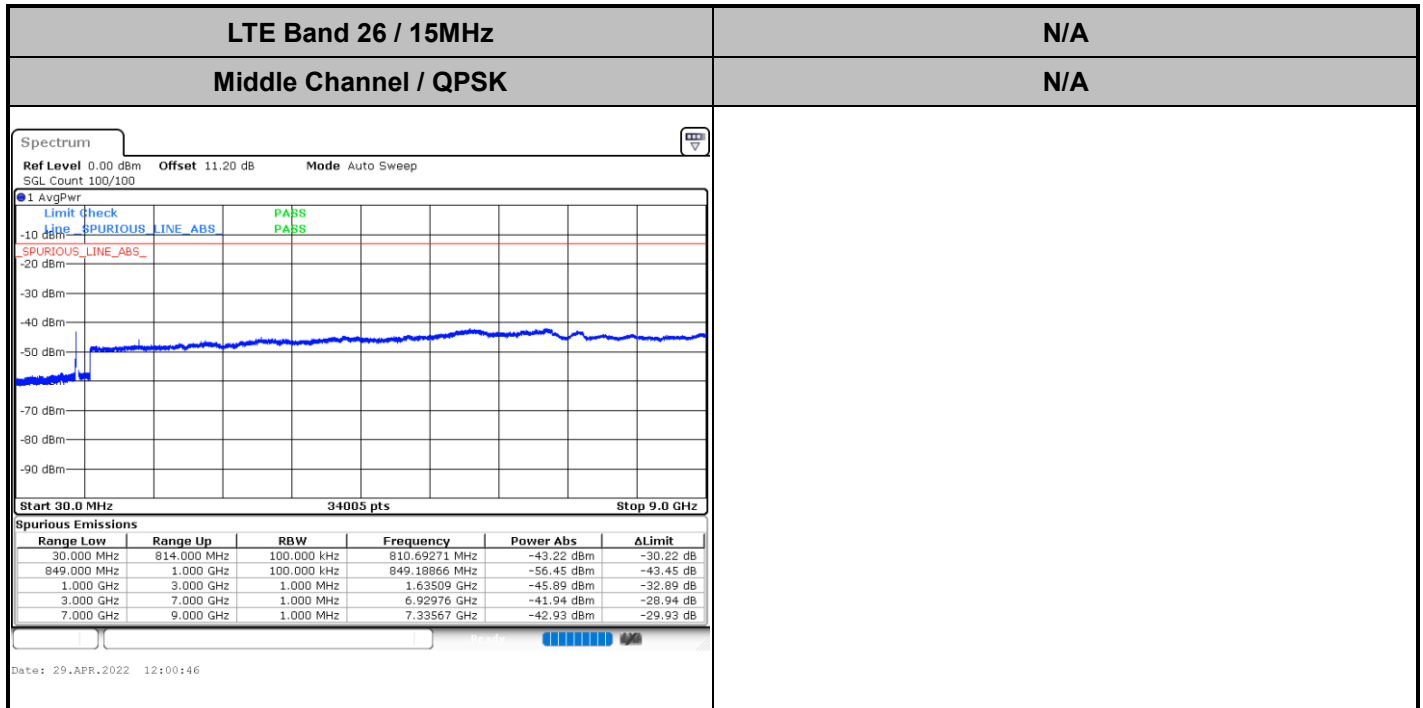


N/A



Conducted Spurious Emission





Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 1.4MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0106	
30	Normal Voltage	0.0120	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0068	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0124	
-20	Normal Voltage	0.0089	
-30	Normal Voltage	0.0154	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0092	
20	Battery End Point	0.0022	

Note:

1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.40 V. ; Maximum Voltage = 4.30 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Primary Antenna>

<Ant. 0>

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	-57.96	-13	-44.96	-64.47	-63.14	1.82	9.16	H
	2440	-54.29	-13	-41.29	-64.7	-60.37	2.23	10.46	H
	3257	-60.70	-13	-47.70	-73.42	-68.07	2.60	12.13	H
	4072	-60.03	-13	-47.03	-74.4	-67.70	2.88	12.70	H
									H
									H
	1632	-60.31	-13	-47.31	-67.28	-65.49	1.82	9.16	V
	2440	-41.85	-13	-28.85	-52.71	-47.93	2.23	10.46	V
	3257	-60.60	-13	-47.60	-73.74	-67.97	2.60	12.13	V
	4072	-50.76	-13	-37.76	-65.62	-58.43	2.88	12.70	V
									V
									V
Middle	1632	-56.00	-13	-43.00	-62.51	-61.18	1.82	9.16	H
	2448	-52.49	-13	-39.49	-62.97	-58.60	2.24	10.49	H
	3267	-60.81	-13	-47.81	-73.5	-68.22	2.61	12.17	H
									H
									H
	1632	-59.44	-13	-46.44	-66.41	-64.62	1.82	9.16	V
	2448	-52.87	-13	-39.87	-63.74	-58.98	2.24	10.49	V
	3267	-60.79	-13	-47.79	-73.9	-68.20	2.61	12.17	V
									V
									V



Highest	1640	-54.68	-13	-41.68	-61.23	-59.92	1.83	9.22	H
	2456	-51.59	-13	-38.59	-62.13	-57.74	2.24	10.54	H
	3277	-60.97	-13	-47.97	-73.63	-68.42	2.61	12.21	H
									H
									H
	1640	-59.51	-13	-46.51	-66.51	-64.75	1.83	9.22	V
	2456	-53.05	-13	-40.05	-63.93	-59.20	2.24	10.54	V
	3277	-60.53	-13	-47.53	-73.61	-67.98	2.61	12.21	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)
CH26790 (824MHz)	1632	-52.90	-13	-39.90	-59.41	-58.08	1.82	9.16	H
	2448	-49.03	-13	-36.03	-59.51	-55.14	2.24	10.49	H
	3269	-61.25	-13	-48.25	-73.94	-68.67	2.61	12.18	H
									H
									H
									H
	1632	-60.11	-13	-47.11	-67.08	-65.29	1.82	9.16	V
	2448	-48.32	-13	-35.32	-59.19	-54.43	2.24	10.49	V
	3269	-60.67	-13	-47.67	-73.77	-68.09	2.61	12.18	V
									V
									V
									V

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



<ASDIV Antenna>

<Ant. 1>

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	1624	-65.32	-13	-52.32	-71.78	-70.44	1.82	9.09	H
	2443	-62.36	-13	-49.36	-72.79	-68.45	2.23	10.47	H
	3257	-60.50	-13	-47.50	-73.22	-67.87	2.60	12.13	H
									H
									H
									H
	1624	-64.58	-13	-51.58	-71.49	-69.70	1.82	9.09	V
	2443	-61.75	-13	-48.75	-72.61	-67.84	2.23	10.47	V
	3256	-60.15	-13	-47.15	-73.29	-67.52	2.60	12.12	V
									V
									V
									V
Middle	1632	-65.20	-13	-52.20	-71.71	-70.38	1.82	9.16	H
	2450	-62.18	-13	-49.18	-72.68	-68.29	2.24	10.50	H
	3267	-60.76	-13	-47.76	-73.45	-68.17	2.61	12.17	H
									H
									H
									H
	1632	-65.14	-13	-52.14	-72.11	-70.32	1.82	9.16	V
	2456	-59.41	-13	-46.41	-70.29	-65.56	2.24	10.54	V
	3264	-60.38	-13	-47.38	-73.5	-67.78	2.61	12.16	V
									V
									V
									V



Highest	1640	-65.42	-13	-52.42	-71.97	-70.66	1.83	9.22	H
	2458	-61.73	-13	-48.73	-72.28	-67.89	2.24	10.55	H
	3277	-60.90	-13	-47.90	-73.56	-68.35	2.61	12.21	H
									H
									H
									H
	1640	-64.93	-13	-51.93	-71.93	-70.17	1.83	9.22	V
	2458	-61.62	-13	-48.62	-72.5	-67.78	2.24	10.55	V
	3277	-60.39	-13	-47.39	-73.47	-67.84	2.61	12.21	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)
CH26790 (824MHz)	1632	-65.12	-13	-52.12	-71.63	-70.30	1.82	9.16	H
	2452	-62.79	-13	-49.79	-73.3	-68.91	2.24	10.51	H
	3269	-60.94	-13	-47.94	-73.63	-68.36	2.61	12.18	H
									H
									H
									H
									H
	1632	-64.98	-13	-51.98	-71.95	-70.16	1.82	9.16	V
	2452	-62.77	-13	-49.77	-73.65	-68.89	2.24	10.51	V
	3269	-60.77	-13	-47.77	-73.87	-68.19	2.61	12.18	V
									V
									V
									V
									V

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

—————THE END—————