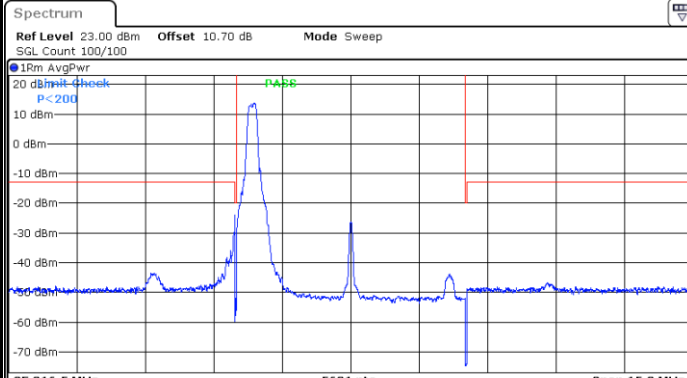




LTE Band 26 / 5MHz / 256QAM

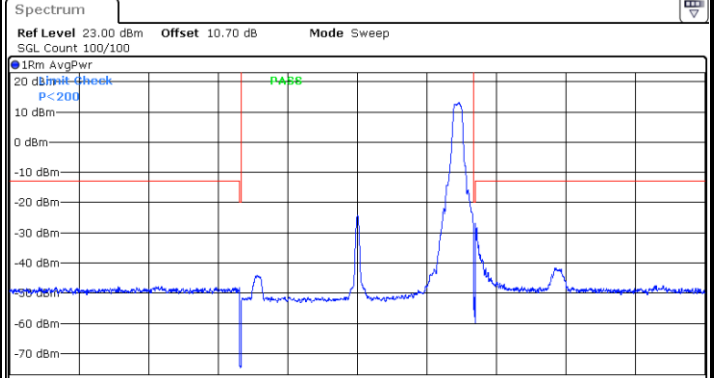
Lowest Band Edge / 1RB



Spectrum Emission Mask		Standard: None		Tx Power 18.10 dBm		Tx Bandwidth 5.000 MHz		RBW 50.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit			
-7.500 MHz	-2.538 MHz	100.000 kHz	813.96116 MHz	-23.99 dBm	-42.09 dB	-10.99 dB			
-2.538 MHz	-2.500 MHz	300.000 Hz	813.99866 MHz	-49.53 dBm	-67.63 dB	-29.53 dB			
2.500 MHz	2.538 MHz	300.000 Hz	819.01205 MHz	-74.08 dBm	-92.18 dB	-54.08 dB			
2.538 MHz	7.500 MHz	100.000 kHz	820.81269 MHz	-46.82 dBm	-64.92 dB	-33.82 dB			

Date: 23.AUG.2022 23:40:27

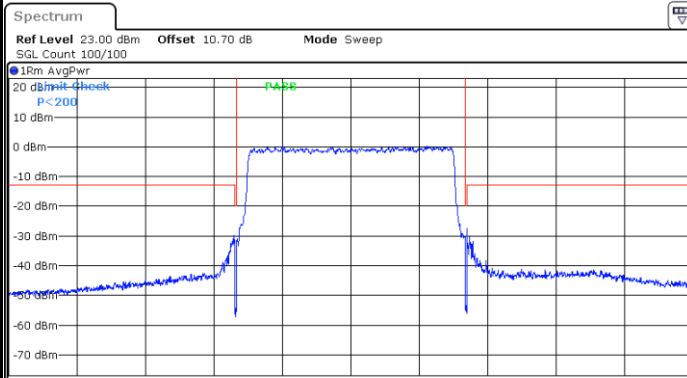
Highest Band Edge / 1 RB



Spectrum Emission Mask		Standard: None		Tx Power 17.63 dBm		Tx Bandwidth 5.000 MHz		RBW 50.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit			
-7.500 MHz	-2.538 MHz	100.000 kHz	817.14979 MHz	-47.85 dBm	-65.48 dB	-34.85 dB			
-2.538 MHz	-2.500 MHz	300.000 Hz	818.96920 MHz	-74.18 dBm	-91.81 dB	-54.18 dB			
2.500 MHz	2.538 MHz	300.000 Hz	824.00134 MHz	-48.75 dBm	-66.37 dB	-28.75 dB			
2.538 MHz	7.500 MHz	100.000 kHz	824.03884 MHz	-26.96 dBm	-44.59 dB	-13.96 dB			

Date: 23.AUG.2022 23:42:39

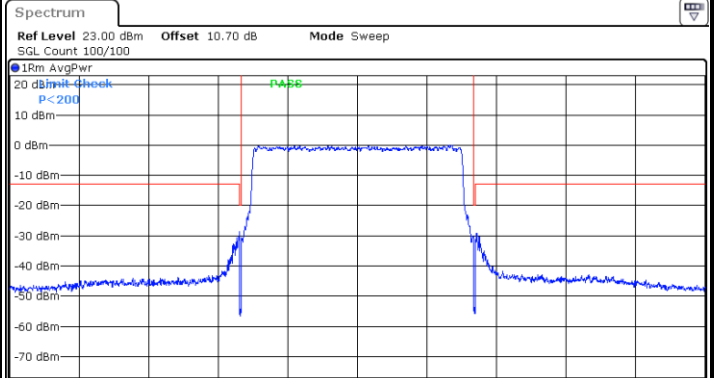
Lowest Band Edge / Full RB



Spectrum Emission Mask		Standard: None		Tx Power 18.16 dBm		Tx Bandwidth 5.000 MHz		RBW 50.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit			
-7.500 MHz	-2.538 MHz	100.000 kHz	813.93704 MHz	-29.89 dBm	-48.05 dB	-16.89 dB			
-2.538 MHz	-2.500 MHz	300.000 Hz	813.99866 MHz	-53.52 dBm	-71.68 dB	-33.52 dB			
2.500 MHz	2.538 MHz	300.000 Hz	819.00134 MHz	-52.62 dBm	-70.78 dB	-32.62 dB			
2.538 MHz	7.500 MHz	100.000 kHz	819.03884 MHz	-27.57 dBm	-45.73 dB	-14.57 dB			

Date: 23.AUG.2022 23:41:33

Highest Band Edge / Full RB



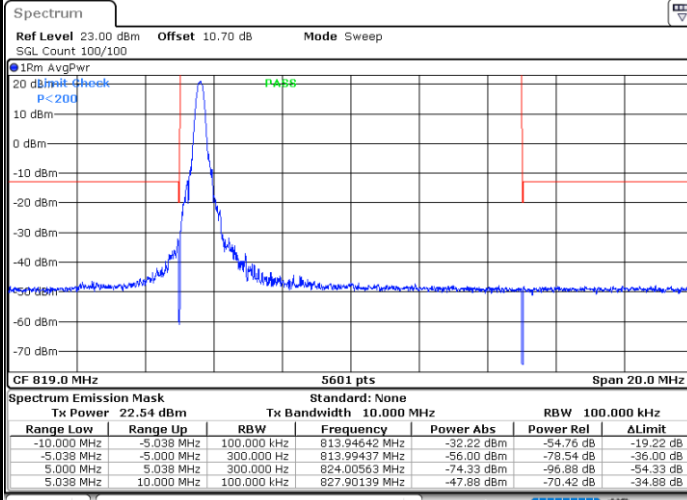
Spectrum Emission Mask		Standard: None		Tx Power 18.13 dBm		Tx Bandwidth 5.000 MHz		RBW 50.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit			
-7.500 MHz	-2.538 MHz	100.000 kHz	818.96116 MHz	-28.62 dBm	-46.75 dB	-15.62 dB			
-2.538 MHz	-2.500 MHz	300.000 Hz	818.99866 MHz	-53.25 dBm	-71.38 dB	-33.25 dB			
2.500 MHz	2.538 MHz	300.000 Hz	824.00134 MHz	-52.62 dBm	-70.76 dB	-32.62 dB			
2.538 MHz	7.500 MHz	100.000 kHz	824.06296 MHz	-29.26 dBm	-47.39 dB	-16.26 dB			

Date: 23.AUG.2022 23:43:45



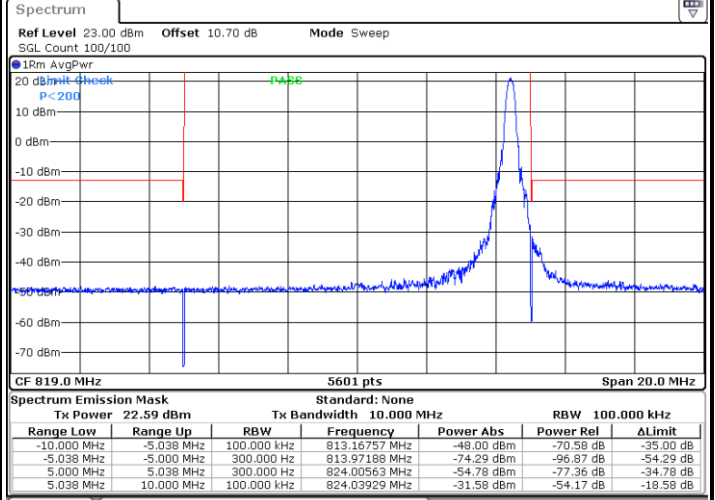
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



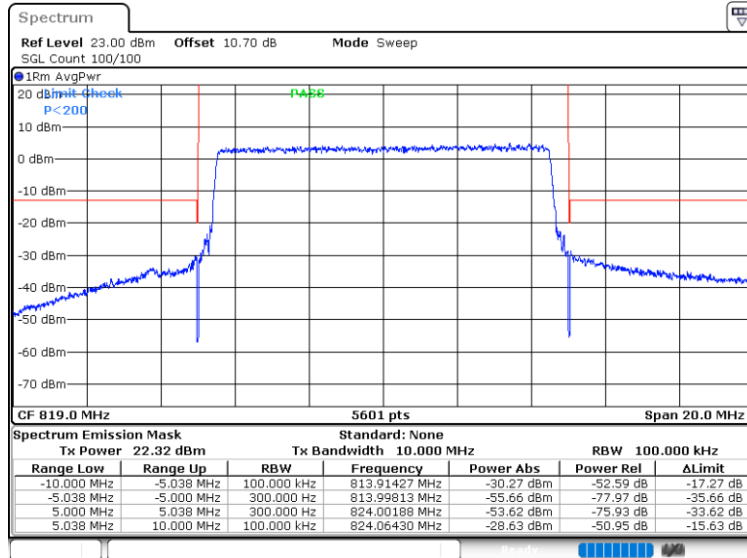
Date: 23.AUG.2022 22:20:31

Highest Band Edge / 1 RB



Date: 23.AUG.2022 22:22:17

Lowest Band Edge / Full RB

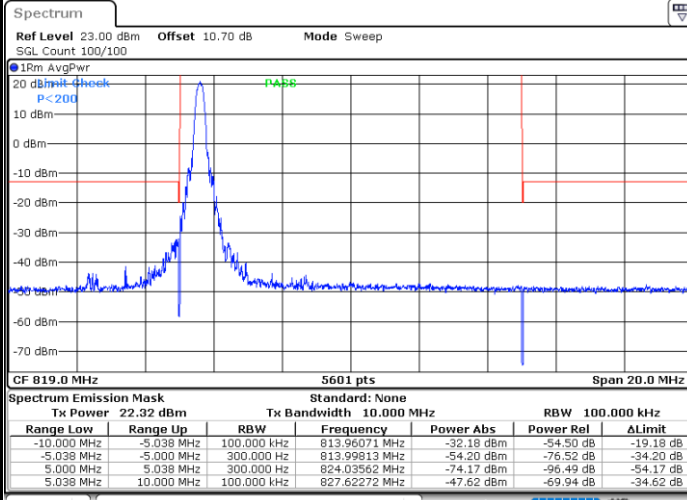


Date: 23.AUG.2022 22:24:43



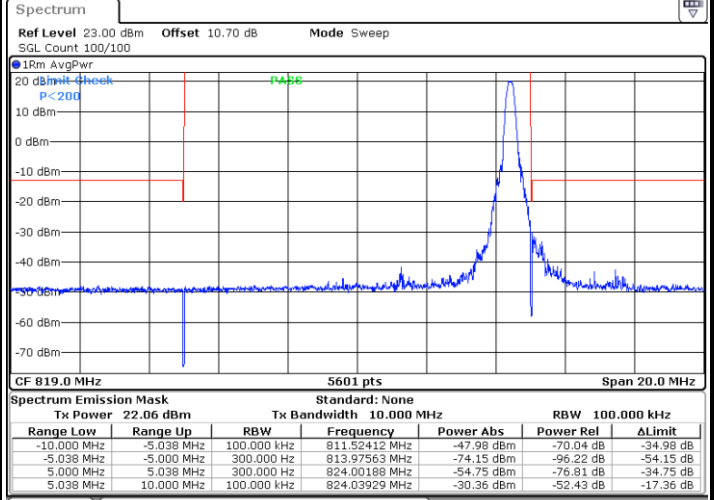
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



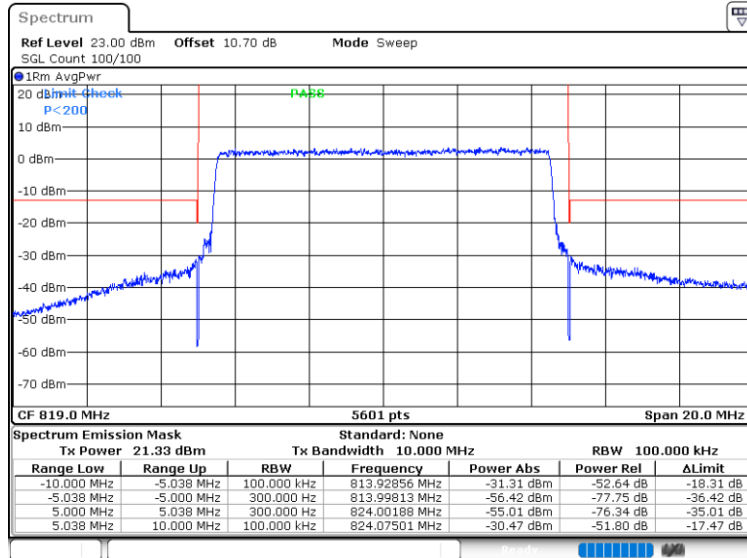
Date: 23.AUG.2022 22:21:34

Highest Band Edge / 1 RB



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

Lowest Band Edge / Full RB

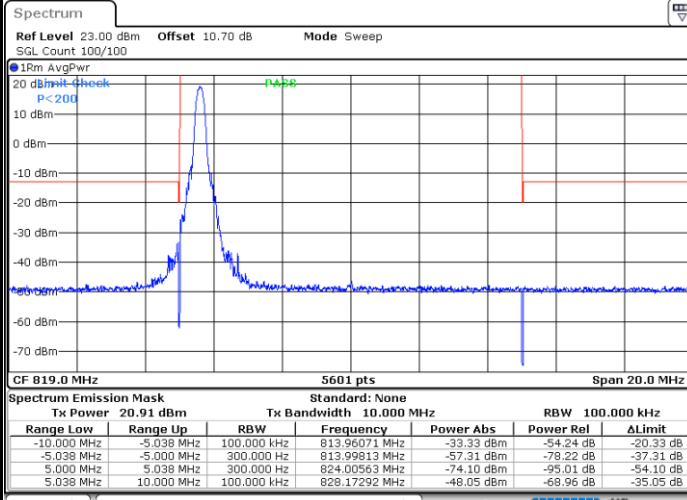


Date: 23.AUG.2022 22:25:46



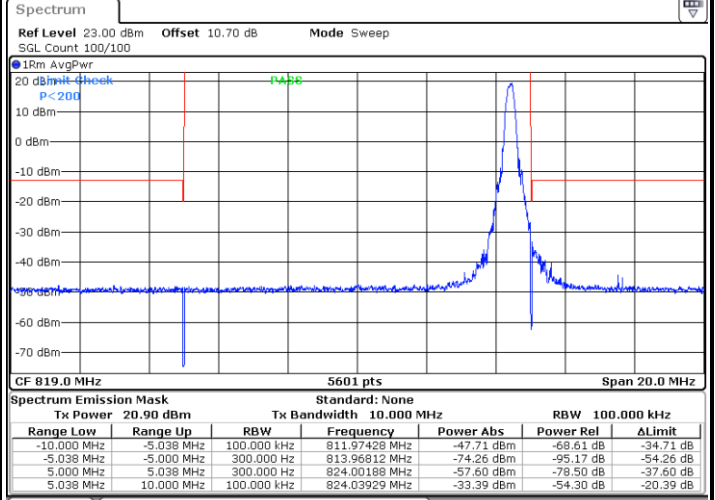
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



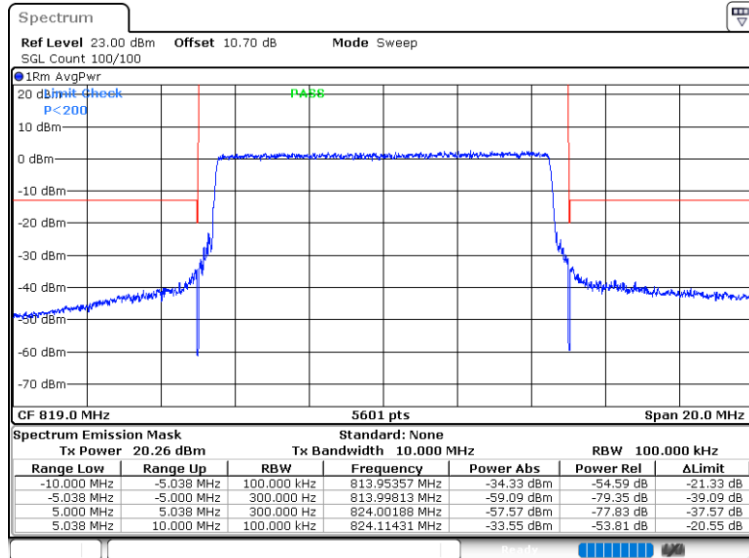
Date: 23.AUG.2022 22:47:26

Highest Band Edge / 1 RB



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

Lowest Band Edge / Full RB

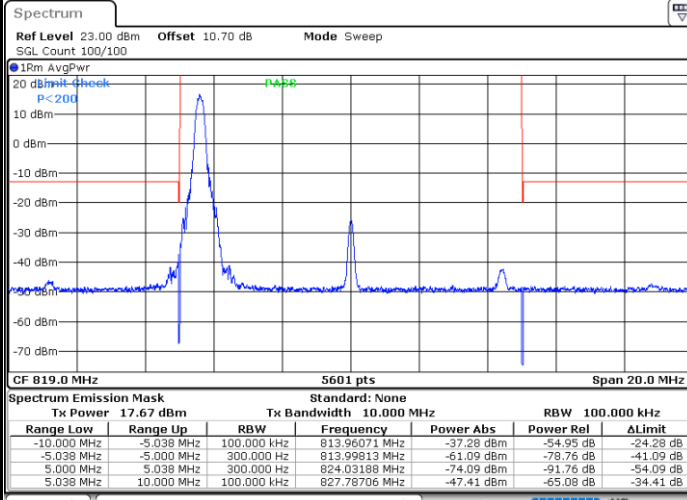


Date: 23.AUG.2022 22:49:32



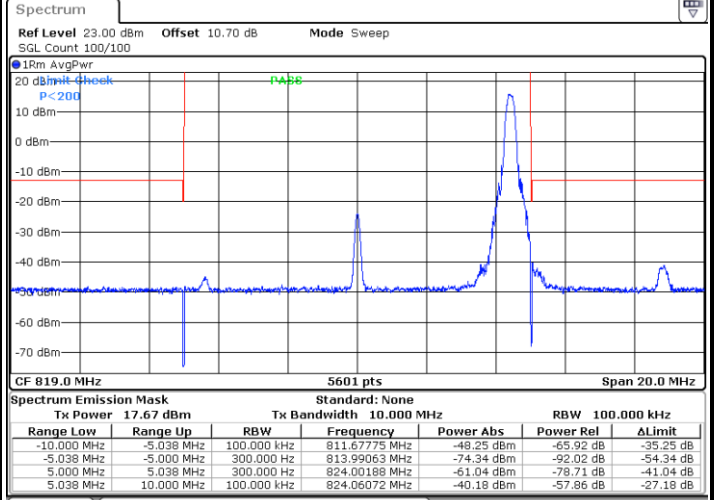
LTE Band 26 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



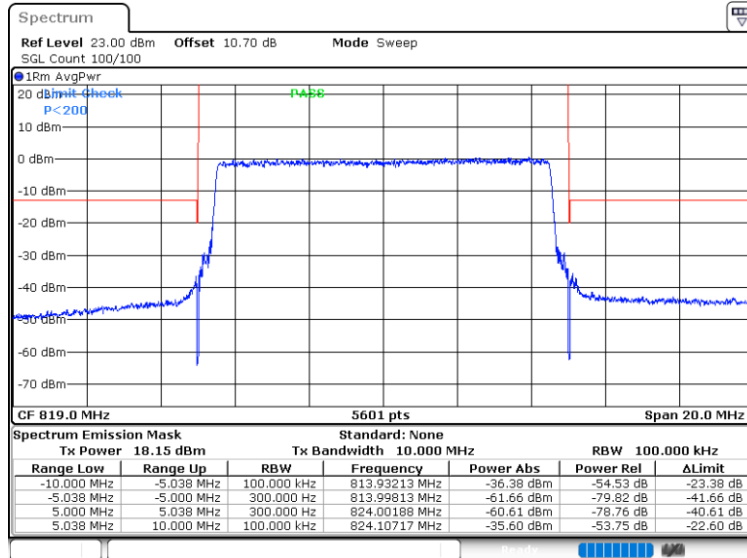
Date: 23.AUG.2022 23:45:40

Highest Band Edge / 1 RB



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

Lowest Band Edge / Full RB

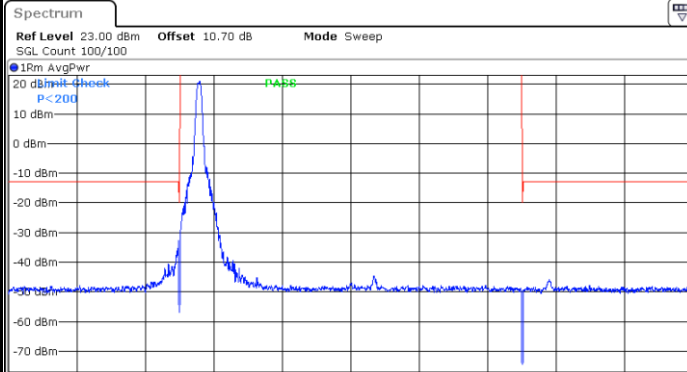


Date: 23.AUG.2022 23:47:51



LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB

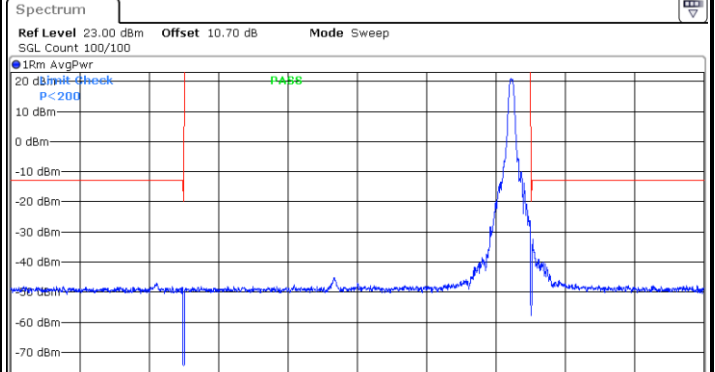


CF 821.5 MHz 5601 pts Span 30.0 MHz

Tx Power		Tx Bandwidth		Standard: None		
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.94375 MHz	-32.75 dBm	-55.35 dB	-19.75 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-54.41 dBm	-77.01 dB	-34.41 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.01875 MHz	-74.13 dBm	-96.73 dB	-54.13 dB
7.538 MHz	15.000 MHz	100.000 kHz	830.20268 MHz	-45.82 dBm	-68.42 dB	-32.82 dB

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

Highest Band Edge / 1 RB

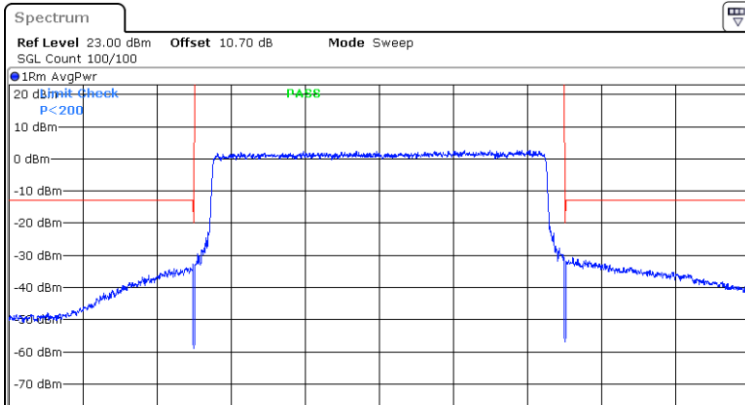


CF 821.5 MHz 5601 pts Span 30.0 MHz

Tx Power		Tx Bandwidth		Standard: None		
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	812.79732 MHz	-47.03 dBm	-69.56 dB	-34.03 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99196 MHz	-74.35 dBm	-96.88 dB	-54.35 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.01875 MHz	-54.64 dBm	-77.17 dB	-34.64 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.08839 MHz	-32.25 dBm	-54.78 dB	-19.25 dB

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

Lowest Band Edge / Full RB



CF 821.5 MHz 5601 pts Span 30.0 MHz

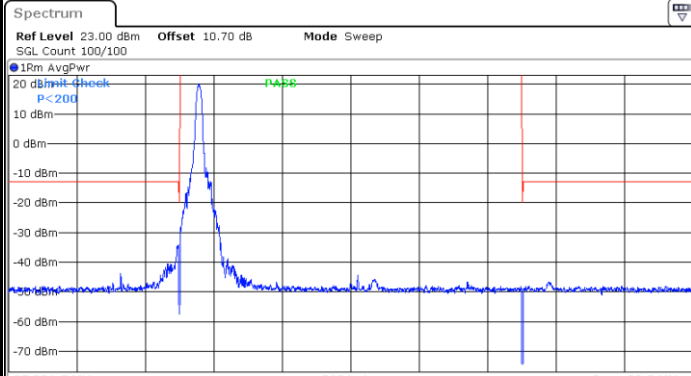
Tx Power		Tx Bandwidth		Standard: None		
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.95982 MHz	-32.57 dBm	-54.73 dB	-19.57 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-58.04 dBm	-80.20 dB	-38.04 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.00804 MHz	-56.06 dBm	-78.22 dB	-36.06 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.34018 MHz	-30.65 dBm	-52.82 dB	-17.65 dB

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



LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

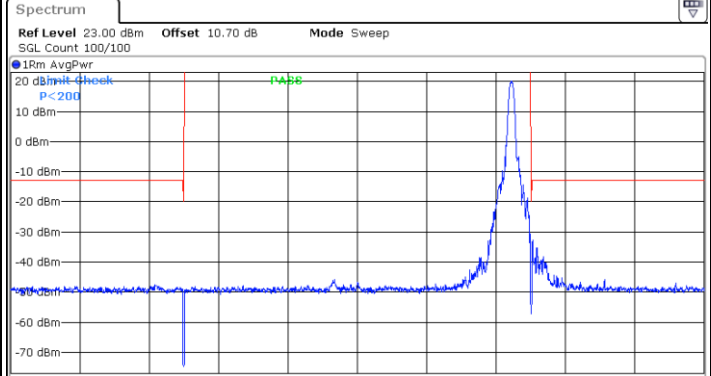


CF 821.5 MHz 5601 pts Span 30.0 MHz

Spectrum Emission Mask		Standard: None				
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.94375 MHz	-34.10 dBm	-55.64 dB	-21.10 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-54.66 dBm	-76.19 dB	-34.66 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.02946 MHz	-74.24 dBm	-95.77 dB	-54.24 dB
7.538 MHz	15.000 MHz	100.000 kHz	830.19732 MHz	-46.69 dBm	-68.22 dB	-33.69 dB

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

Highest Band Edge / 1 RB

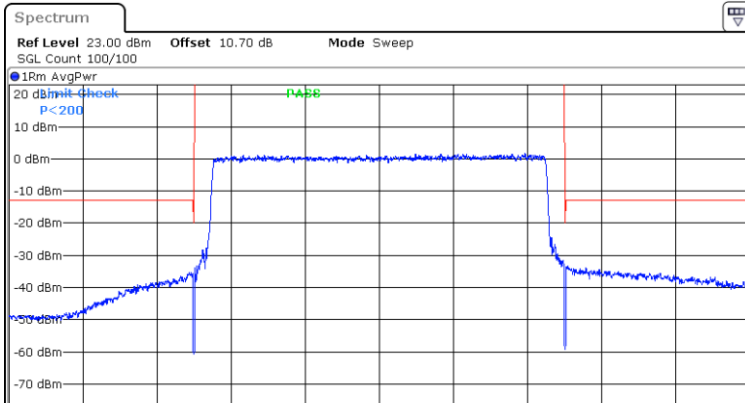


CF 821.5 MHz 5601 pts Span 30.0 MHz

Spectrum Emission Mask		Standard: None				
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	812.74375 MHz	-47.64 dBm	-69.36 dB	-34.64 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99196 MHz	-74.24 dBm	-95.97 dB	-54.24 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.00268 MHz	-54.28 dBm	-76.01 dB	-34.28 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.08304 MHz	-32.68 dBm	-54.41 dB	-19.68 dB

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

Lowest Band Edge / Full RB



CF 821.5 MHz 5601 pts Span 30.0 MHz

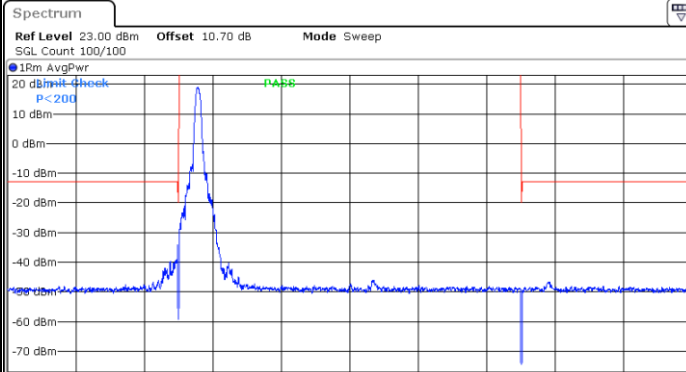
Spectrum Emission Mask		Standard: None				
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.86339 MHz	-35.40 dBm	-56.60 dB	-22.40 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.98125 MHz	-60.25 dBm	-81.44 dB	-40.25 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.00268 MHz	-58.44 dBm	-79.64 dB	-38.44 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.13661 MHz	-33.41 dBm	-54.61 dB	-20.41 dB

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



LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

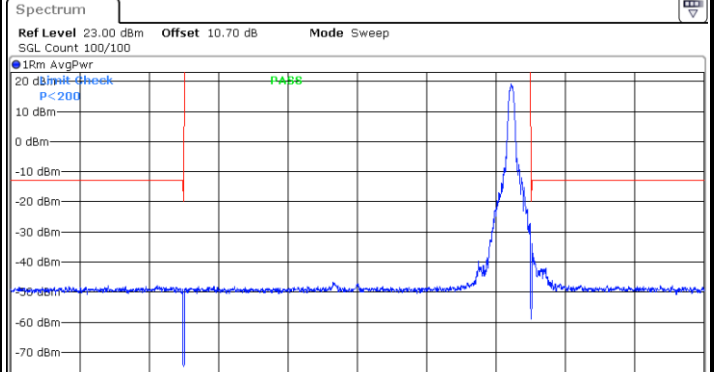


CF 821.5 MHz 5601 pts Span 30.0 MHz

Spectrum Emission Mask		Standard: None				
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.95982 MHz	-34.26 dBm	-54.89 dB	-21.26 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-55.77 dBm	-76.40 dB	-35.77 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.00268 MHz	-74.17 dBm	-94.80 dB	-54.17 dB
7.538 MHz	15.000 MHz	100.000 kHz	830.19732 MHz	-46.57 dBm	-67.21 dB	-33.57 dB

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

Highest Band Edge / 1 RB

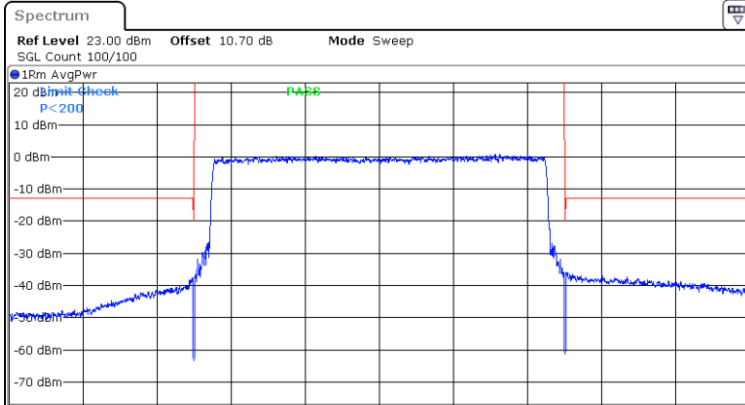


CF 821.5 MHz 5601 pts Span 30.0 MHz

Spectrum Emission Mask		Standard: None				
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	810.71339 MHz	-47.79 dBm	-68.20 dB	-34.79 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.98661 MHz	-74.34 dBm	-94.74 dB	-54.34 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.00268 MHz	-55.81 dBm	-76.22 dB	-35.81 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.05089 MHz	-33.76 dBm	-54.17 dB	-20.76 dB

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

Lowest Band Edge / Full RB



CF 821.5 MHz 5601 pts Span 30.0 MHz

Spectrum Emission Mask		Standard: None				
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.93304 MHz	-37.60 dBm	-57.76 dB	-24.60 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-62.67 dBm	-82.84 dB	-42.67 dB
7.500 MHz	7.538 MHz	300.000 Hz	829.00268 MHz	-60.63 dBm	-80.79 dB	-40.63 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.06696 MHz	-35.92 dBm	-56.08 dB	-22.92 dB

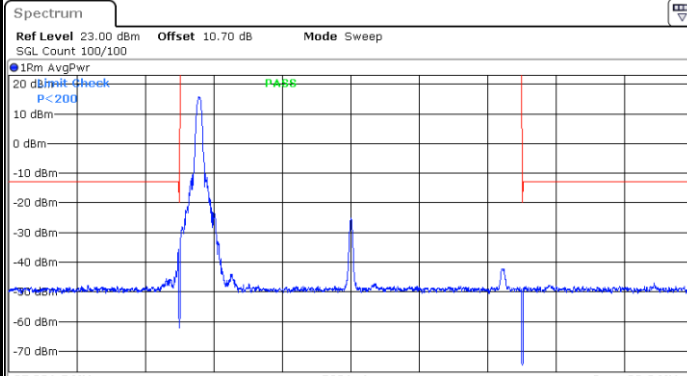
Date: 23.AUG.2022 22:52:46





LTE Band 26 / 15MHz / 256QAM

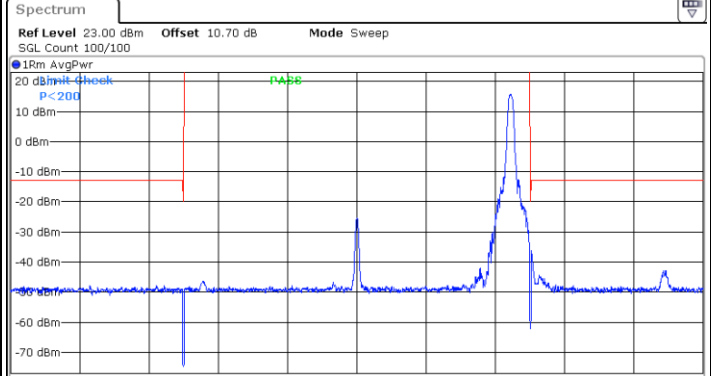
Lowest Band Edge / 1 RB



Spectrum Emission Mask		Standard: None		Tx Power 17.35 dBm		Tx Bandwidth 15.000 MHz		RBW 100.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit			
-15.000 MHz	-7.538 MHz	100.000 kHz	813.93839 MHz	-35.60 dBm	-52.94 dB	-22.60 dB			
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-59.32 dBm	-76.67 dB	-39.32 dB			
7.500 MHz	7.538 MHz	300.000 Hz	829.00804 MHz	-74.29 dBm	-91.64 dB	-54.29 dB			
7.538 MHz	15.000 MHz	100.000 kHz	834.78839 MHz	-46.95 dBm	-64.29 dB	-33.95 dB			

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

Highest Band Edge / 1 RB



Spectrum Emission Mask		Standard: None		Tx Power 17.54 dBm		Tx Bandwidth 15.000 MHz		RBW 100.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit			
-15.000 MHz	-7.538 MHz	100.000 kHz	812.81339 MHz	-47.90 dBm	-65.44 dB	-34.90 dB			
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99196 MHz	-74.48 dBm	-92.02 dB	-54.48 dB			
7.500 MHz	7.538 MHz	300.000 Hz	829.00268 MHz	-59.82 dBm	-77.36 dB	-39.82 dB			
7.538 MHz	15.000 MHz	100.000 kHz	829.04018 MHz	-36.10 dBm	-53.64 dB	-23.10 dB			

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

Lowest Band Edge / Full RB



Spectrum Emission Mask		Standard: None		Tx Power 18.03 dBm		Tx Bandwidth 15.000 MHz		RBW 100.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit			
-15.000 MHz	-7.538 MHz	100.000 kHz	813.90625 MHz	-39.53 dBm	-57.56 dB	-26.53 dB			
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-65.29 dBm	-83.32 dB	-45.29 dB			
7.500 MHz	7.538 MHz	300.000 Hz	829.00268 MHz	-64.00 dBm	-82.03 dB	-44.00 dB			
7.538 MHz	15.000 MHz	100.000 kHz	829.06696 MHz	-37.28 dBm	-55.31 dB	-24.28 dB			

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



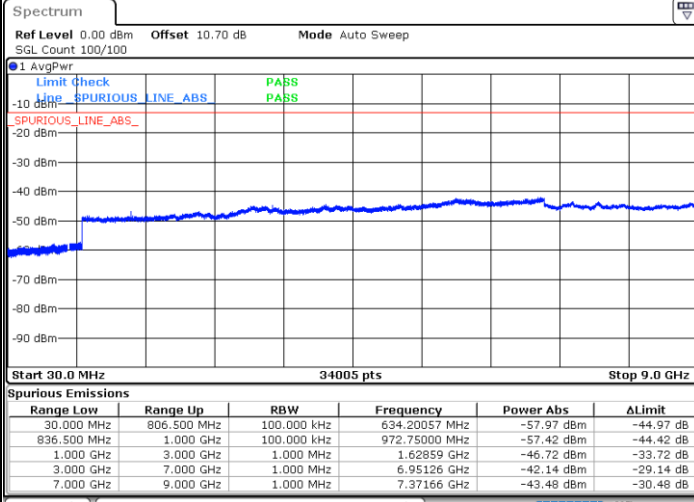
# Emission masks – Out of band emissions





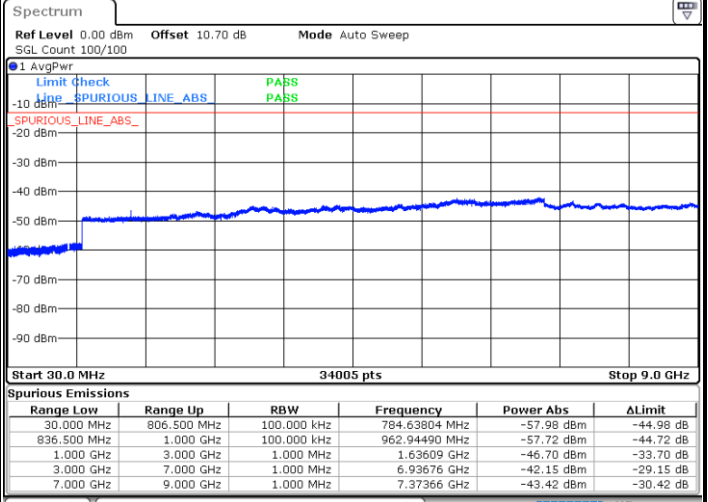
LTE Band 26 / 3MHz

Lowest Channel / QPSK



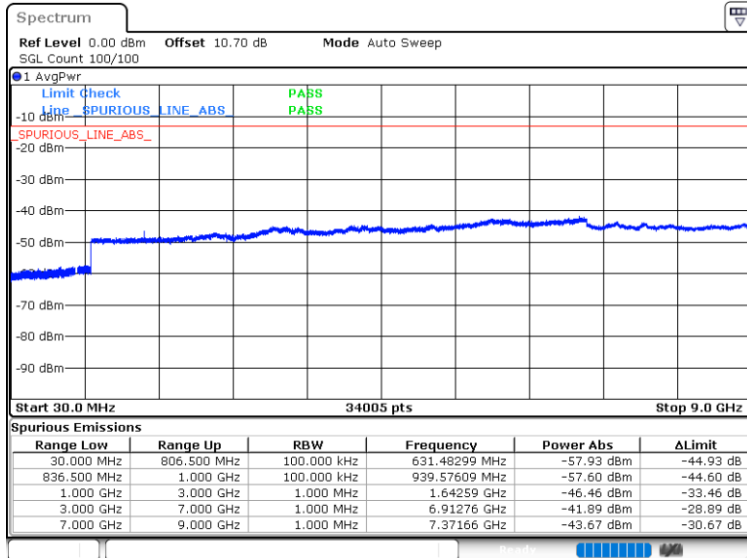
Date: 23.AUG.2022 21:50:26

Middle Channel / QPSK



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

Highest Channel / QPSK



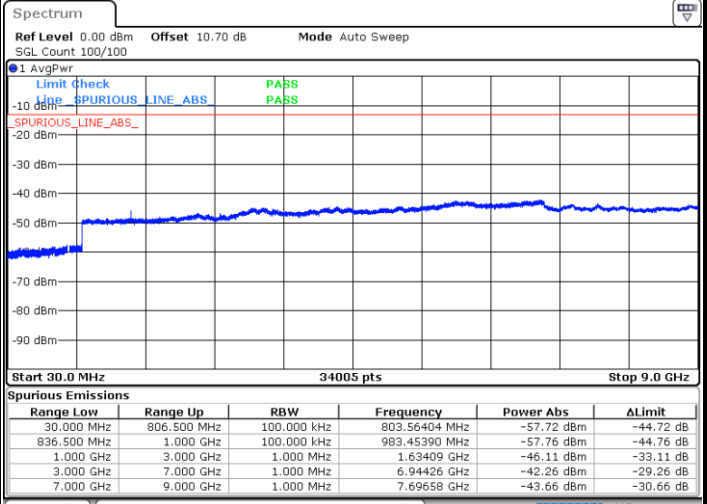
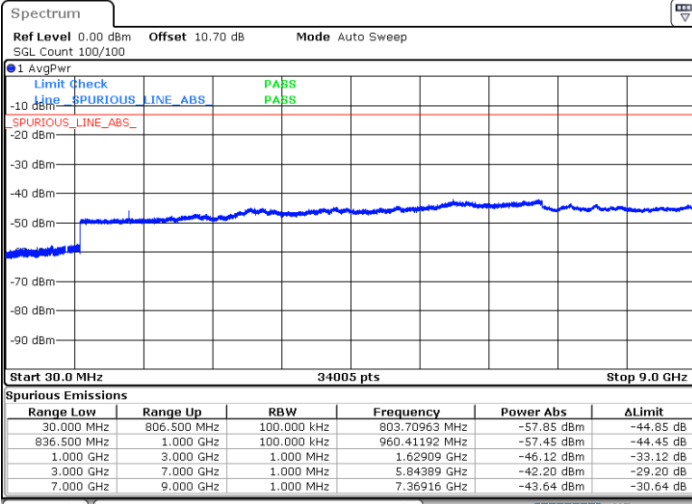
Date: 23.AUG.2022 21:55:48



LTE Band 26 / 5MHz

Lowest Channel / QPSK

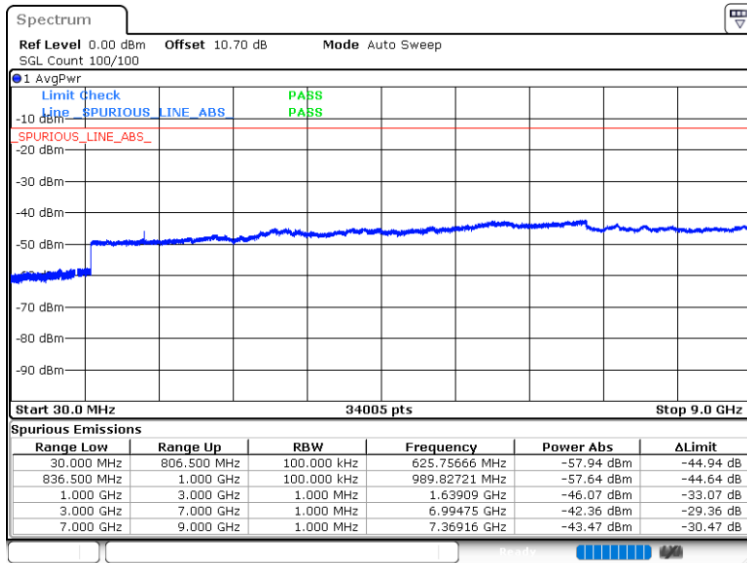
Middle Channel / QPSK



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

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

Highest Channel / QPSK

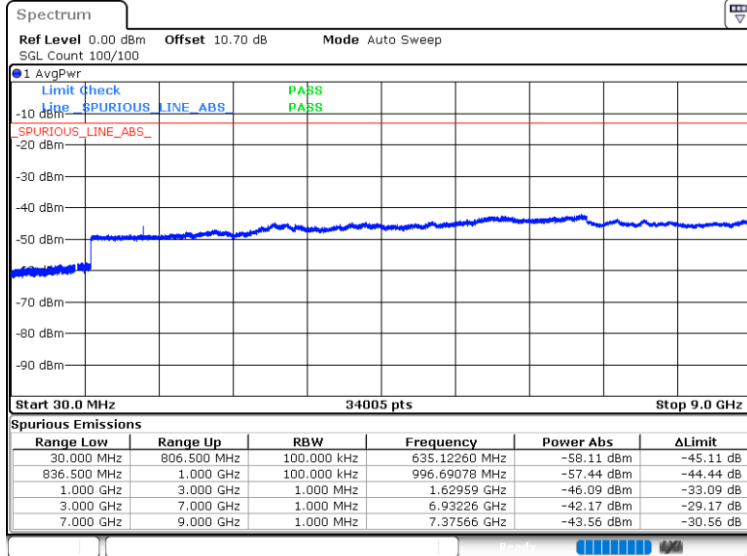


Date: 23.AUG.2022 22:10:59



LTE Band 26 / 10MHz

Middle Channel / QPSK

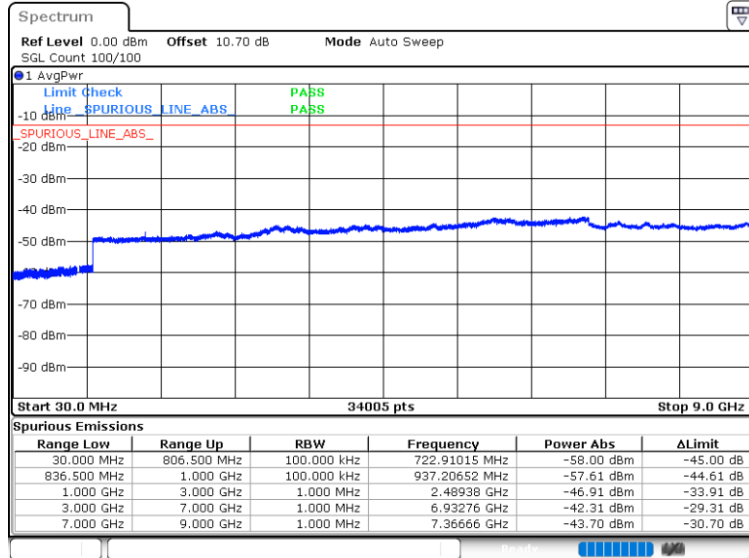


Date: 23.AUG.2022 22:29:48



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.

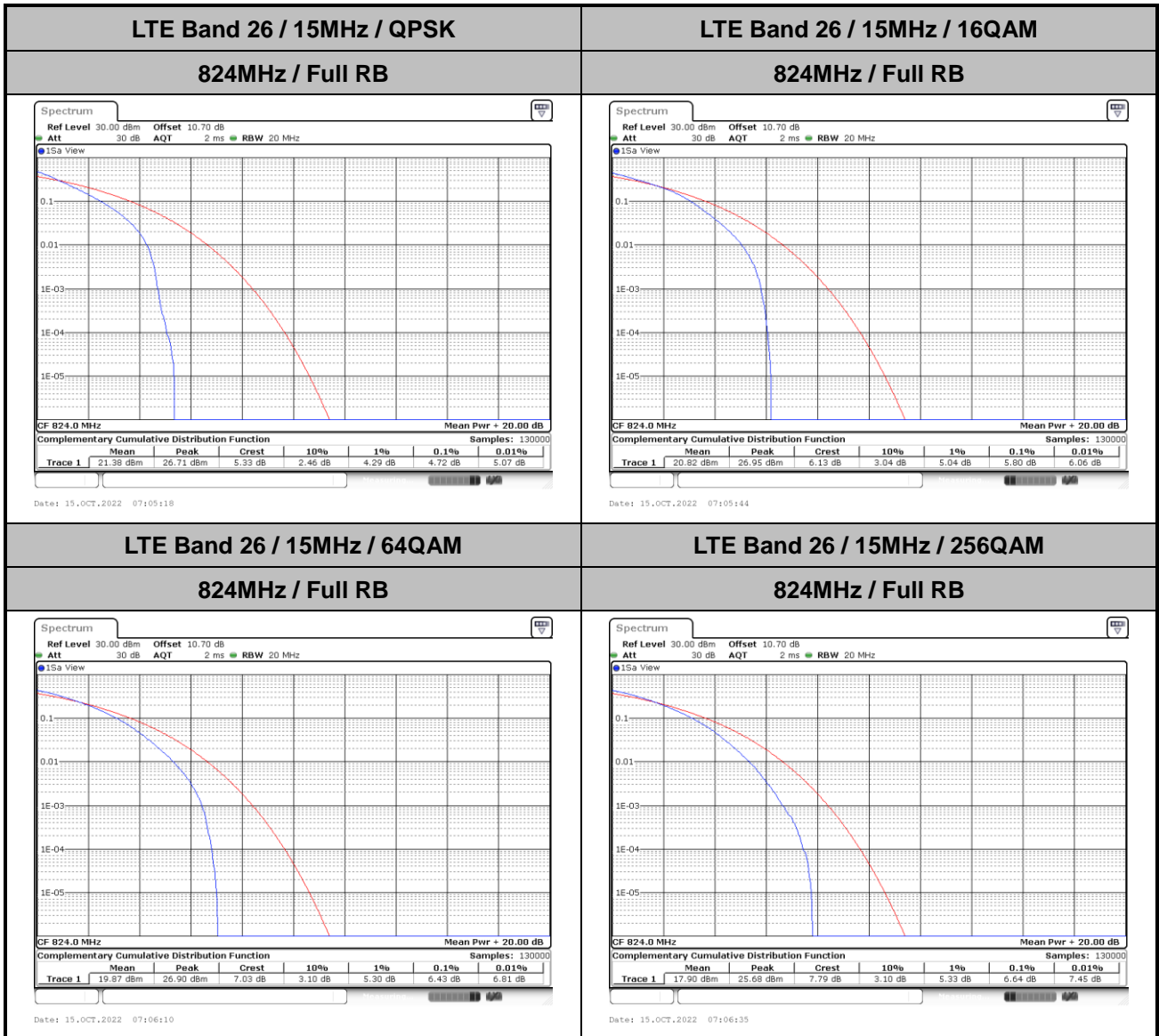




# LTE Band 26\_824MHz

## 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





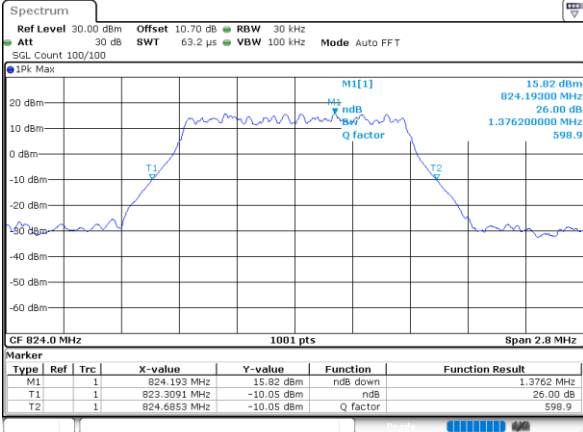
**26dB Bandwidth**

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	-	-



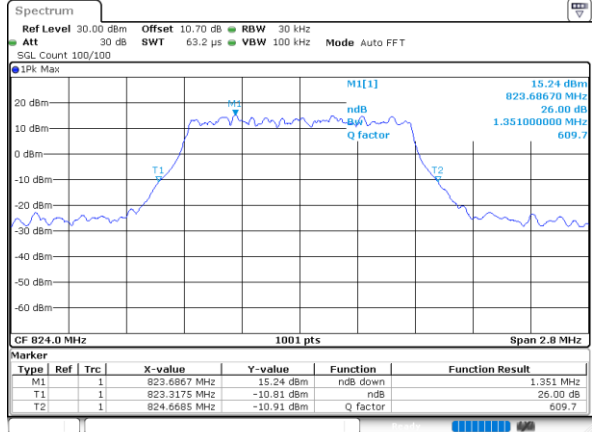
LTE Band 26

824MHz / 1.4MHz / QPSK



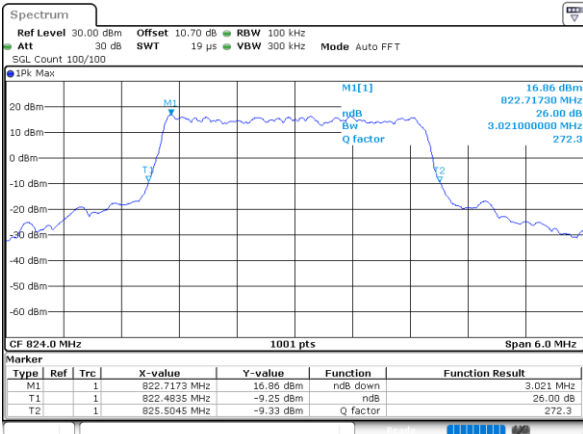
Date: 24.AUG.2022 00:13:25

824MHz / 1.4MHz / 16QAM



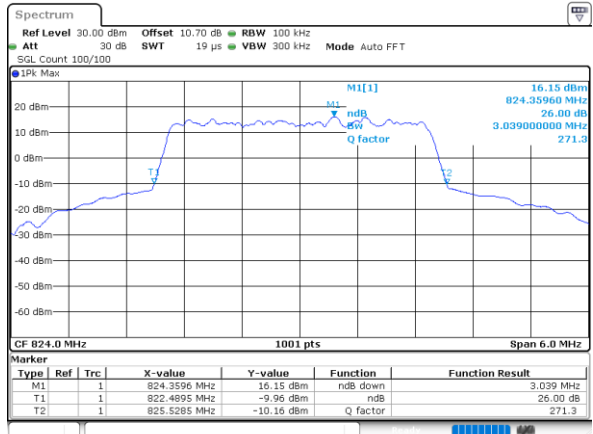
Date: 24.AUG.2022 00:13:54

824MHz / 3MHz / QPSK



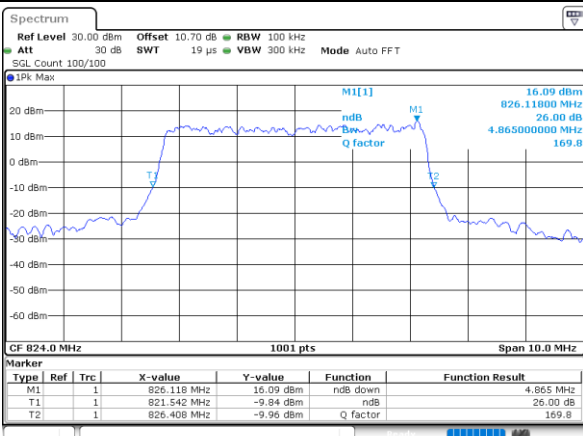
Date: 24.AUG.2022 00:13:47

824MHz / 3MHz / 16QAM



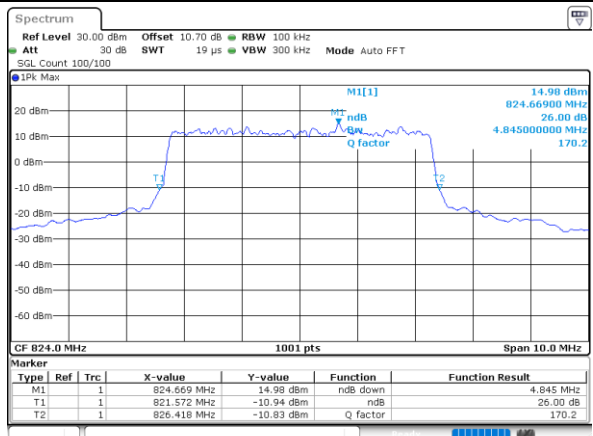
Date: 24.AUG.2022 00:13:16

824MHz / 5MHz / QPSK



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

824MHz / 5MHz / 16QAM

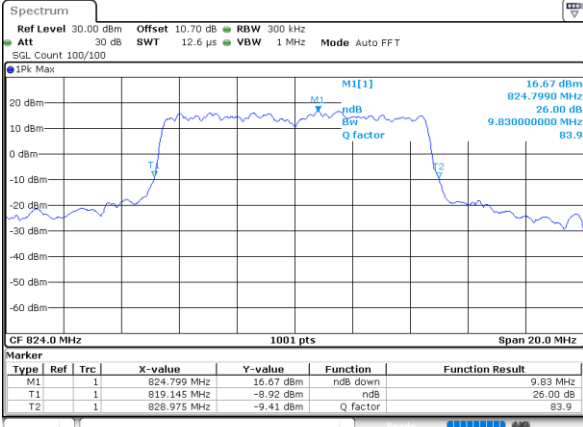


Date: 24.AUG.2022 00:41:38



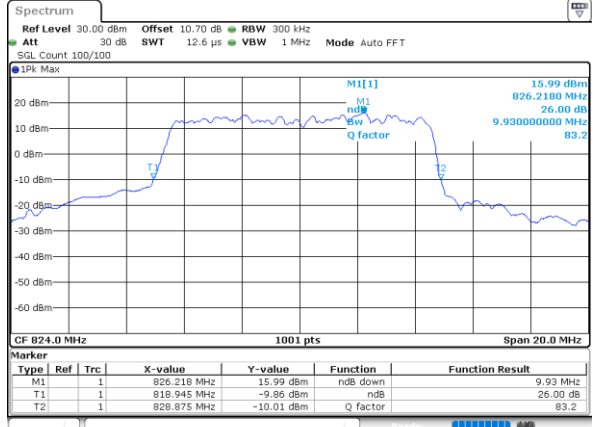
LTE Band 26

824MHz / 10MHz / QPSK



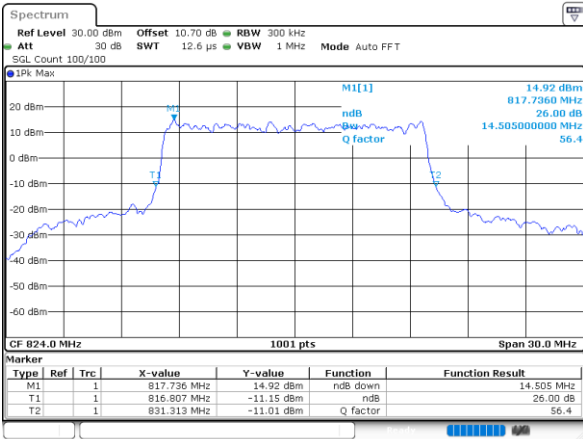
Date: 24.AUG.2022 00:45:13

824MHz / 10MHz / 16QAM



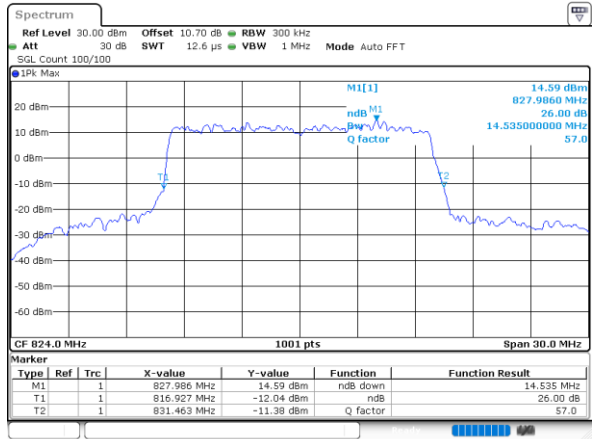
Date: 24.AUG.2022 00:46:01

824MHz / 15MHz / QPSK



Date: 24.AUG.2022 00:49:54

824MHz / 15MHz / 16QAM

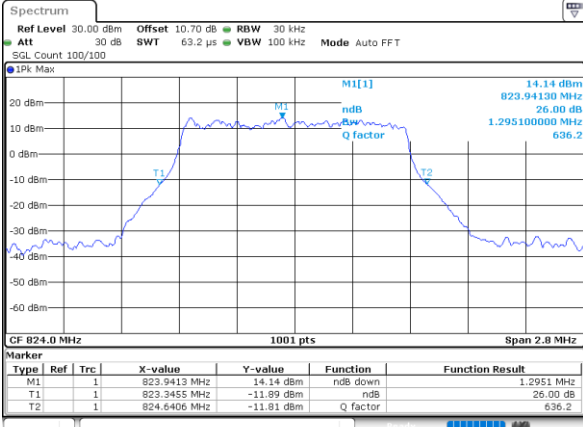


Date: 24.AUG.2022 00:50:23



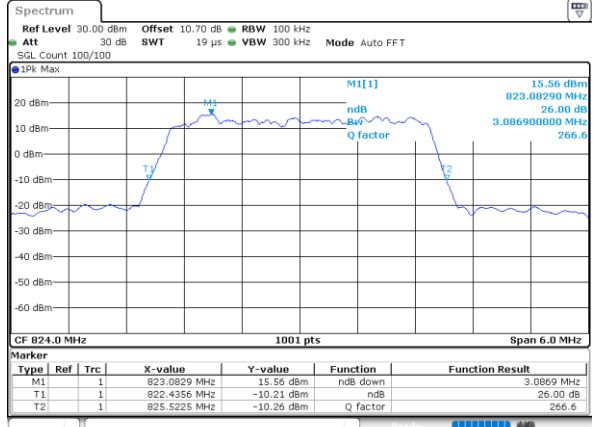
LTE Band 26

824MHz / 1.4MHz / 64QAM



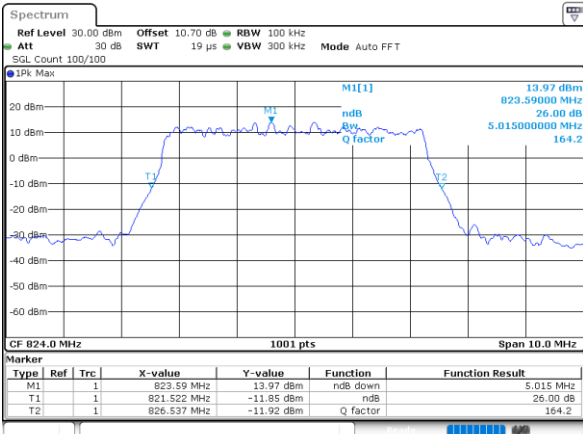
Date: 24.AUG.2022 00:33:52

824MHz / 3MHz / 64QAM



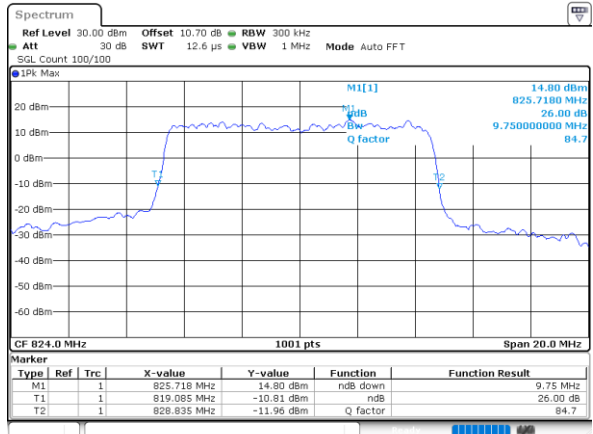
Date: 24.AUG.2022 00:38:14

824MHz / 5MHz / 64QAM



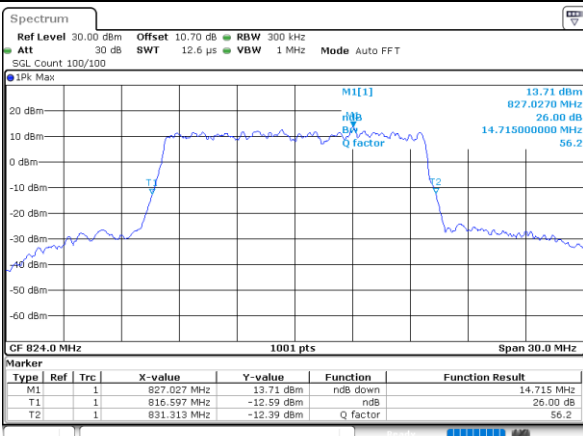
Date: 24.AUG.2022 00:42:36

824MHz / 10MHz / 64QAM



Date: 24.AUG.2022 00:46:58

824MHz / 15MHz / 64QAM



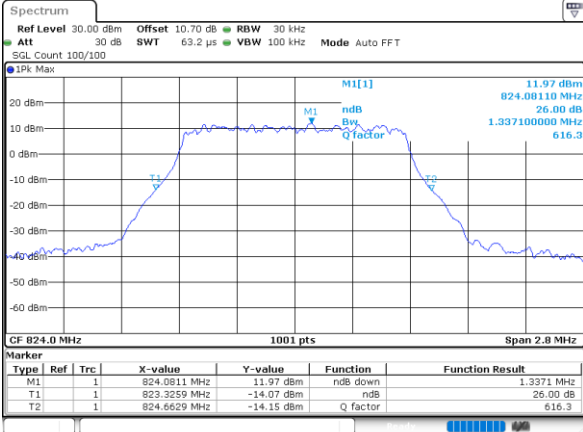
Date: 24.AUG.2022 00:51:21

N/A



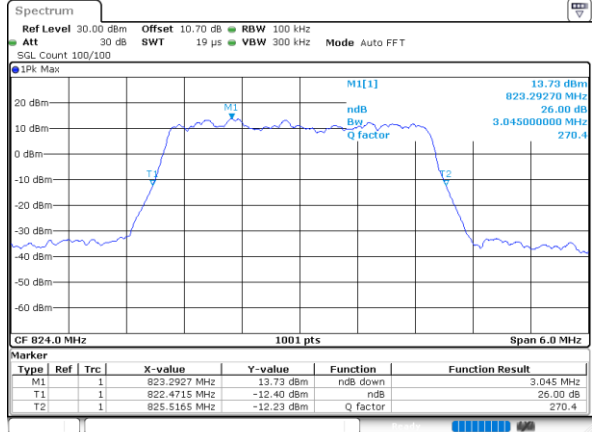
LTE Band 26

824MHz / 1.4MHz / 256QAM



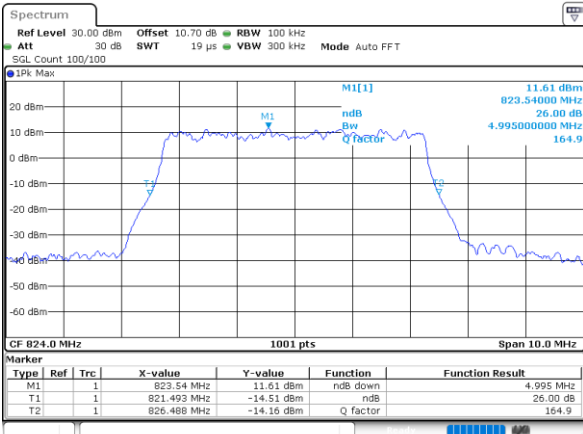
Date: 24.AUG.2022 00:34:22

824MHz / 3MHz / 256QAM



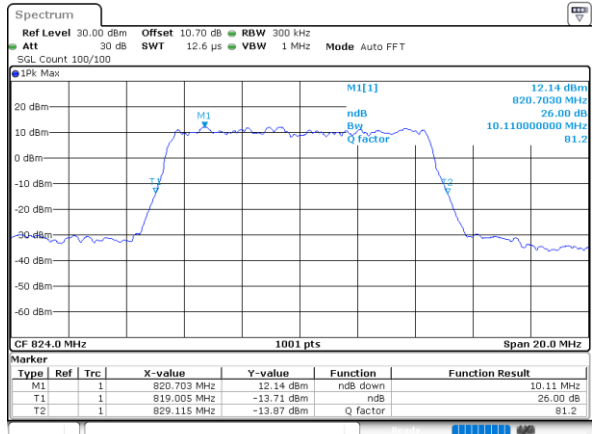
Date: 24.AUG.2022 00:38:44

824MHz / 5MHz / 256QAM



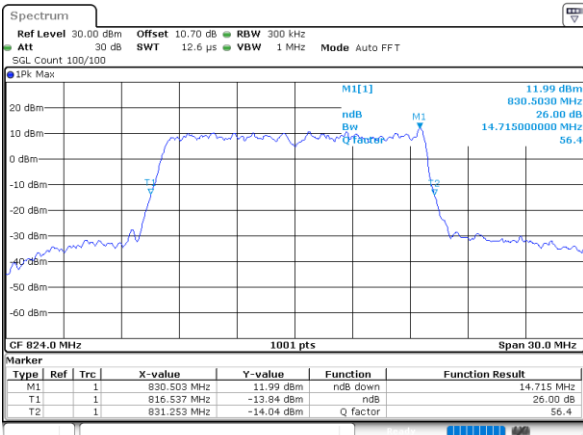
Date: 24.AUG.2022 00:43:06

824MHz / 10MHz / 256QAM



Date: 24.AUG.2022 00:47:28

824MHz / 15MHz / 256QAM



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

N/A



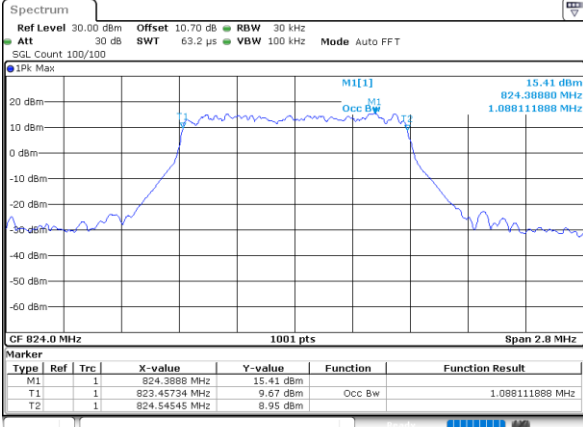
Occupied Bandwidth

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	-	-

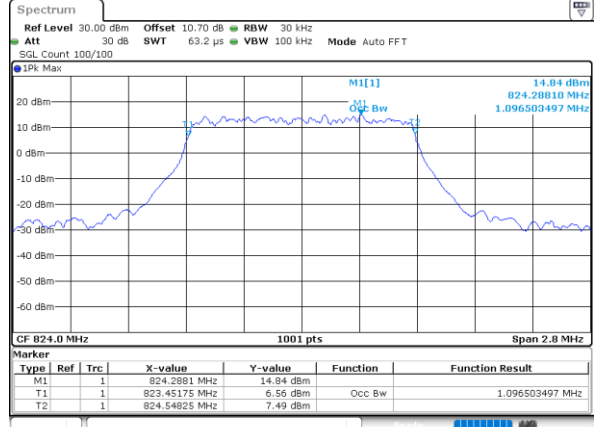


LTE Band 26

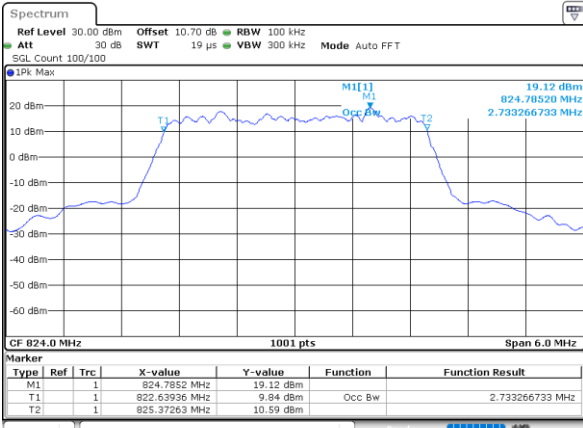
824MHz / 1.4MHz / QPSK



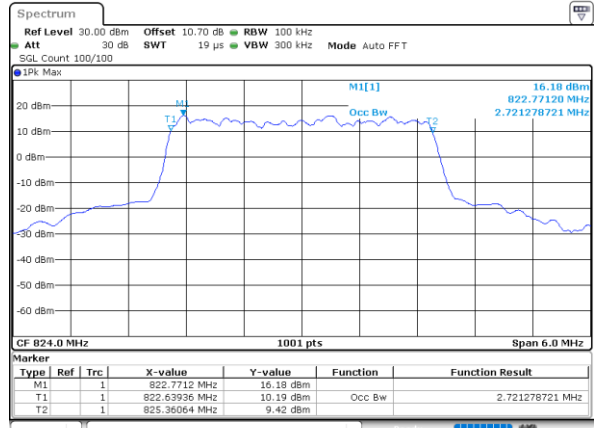
824MHz / 1.4MHz / 16QAM



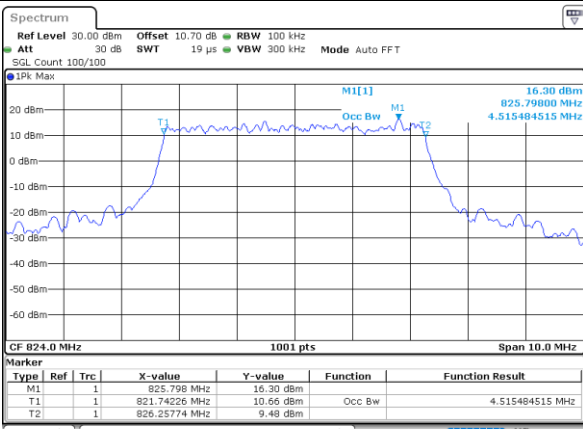
824MHz / 3MHz / QPSK



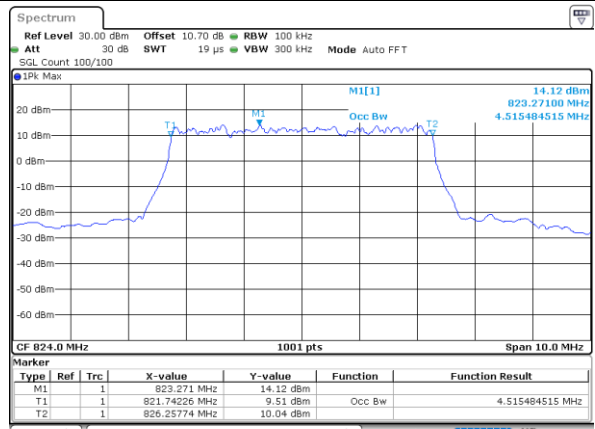
824MHz / 3MHz / 16QAM



824MHz / 5MHz / QPSK



824MHz / 5MHz / 16QAM

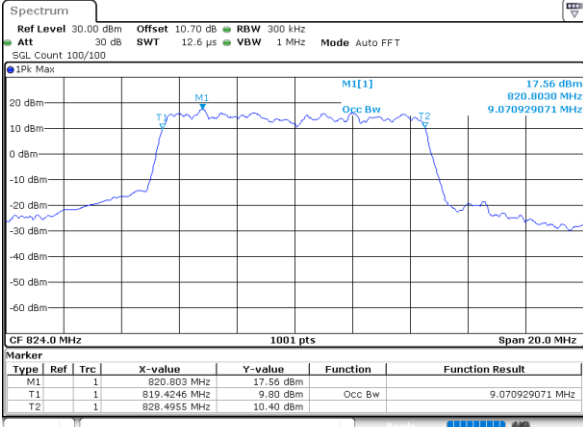






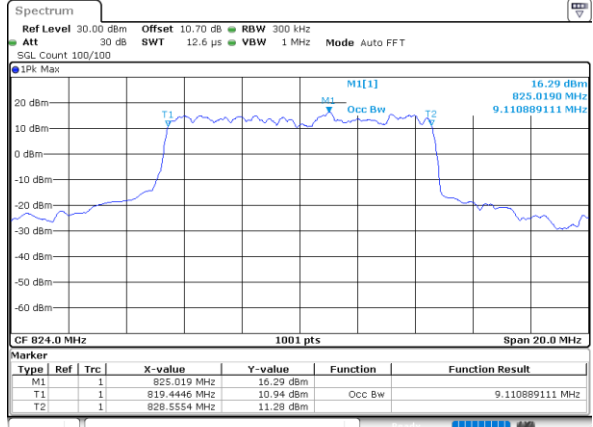
LTE Band 26

824MHz / 10MHz / QPSK



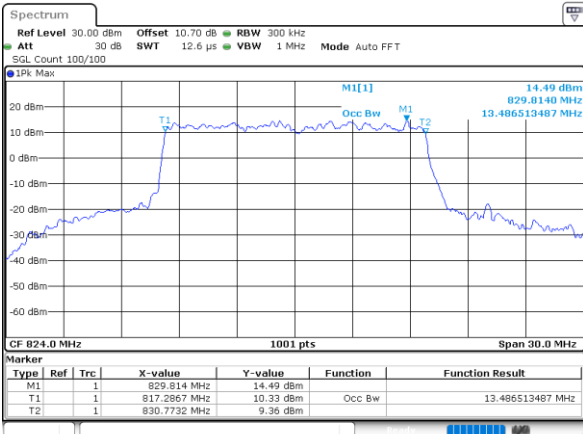
Date: 24.AUG.2022 00:45:17

824MHz / 10MHz / 16QAM



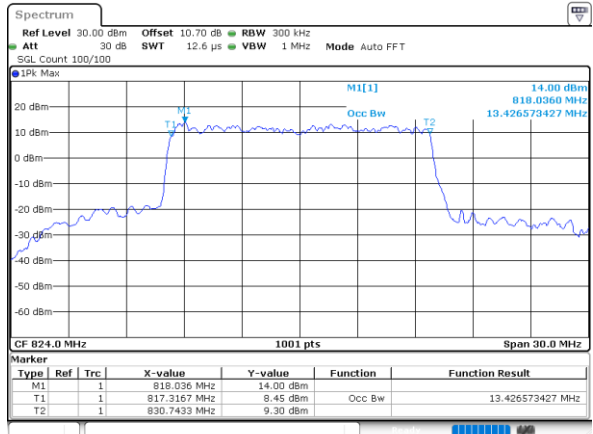
Date: 24.AUG.2022 00:46:15

824MHz / 15MHz / QPSK



Date: 24.AUG.2022 00:49:40

824MHz / 15MHz / 16QAM

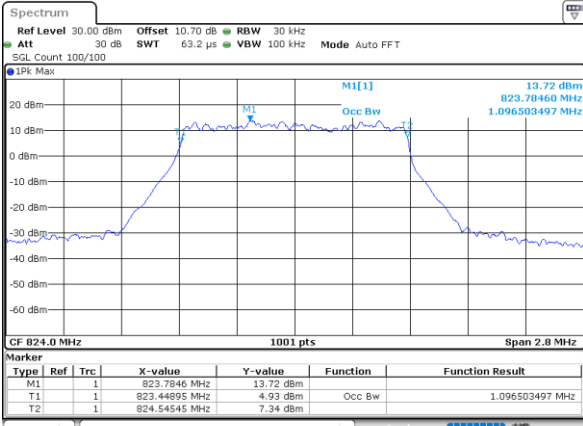


Date: 24.AUG.2022 00:50:37



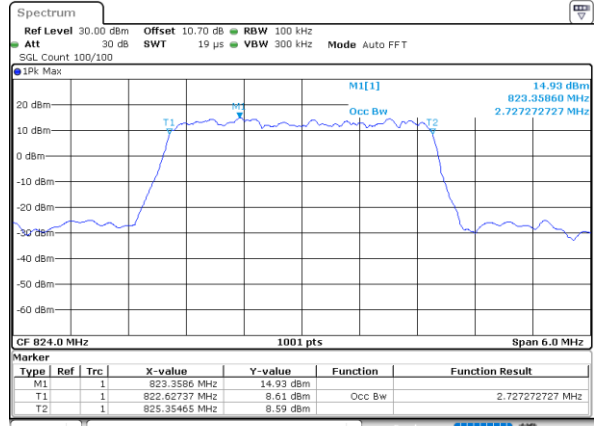
LTE Band 26

824MHz / 1.4MHz / 64QAM



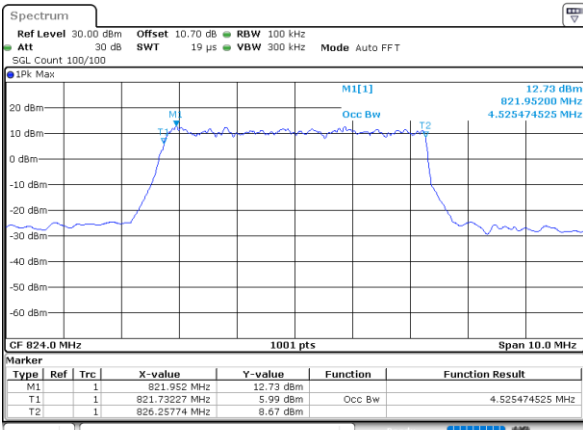
Date: 24\_AUG.2022 00:33:38

824MHz / 3MHz / 64QAM



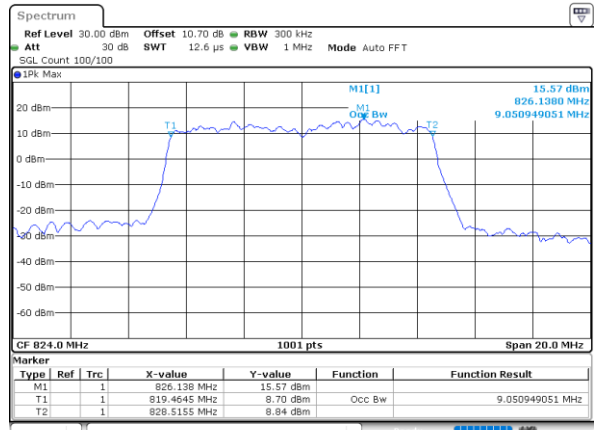
Date: 24\_AUG.2022 00:38:00

824MHz / 5MHz / 64QAM



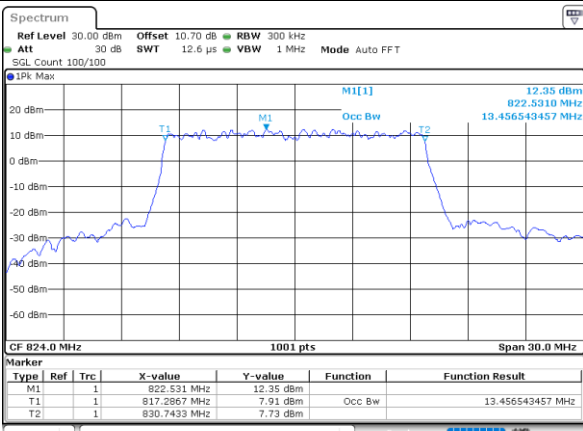
Date: 24\_AUG.2022 00:42:22

824MHz / 10MHz / 64QAM



Date: 24\_AUG.2022 00:46:44

824MHz / 15MHz / 64QAM



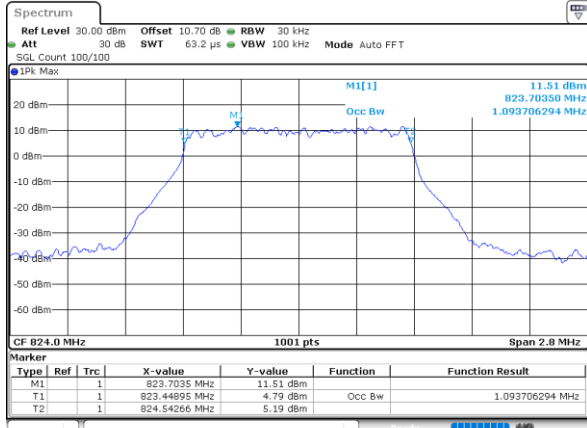
Date: 24\_AUG.2022 00:51:07

N/A

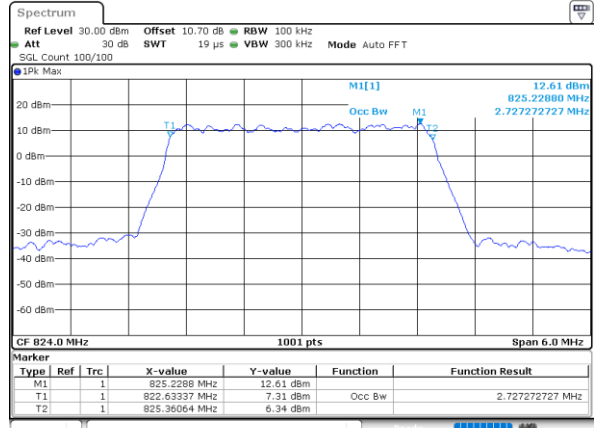


LTE Band 26

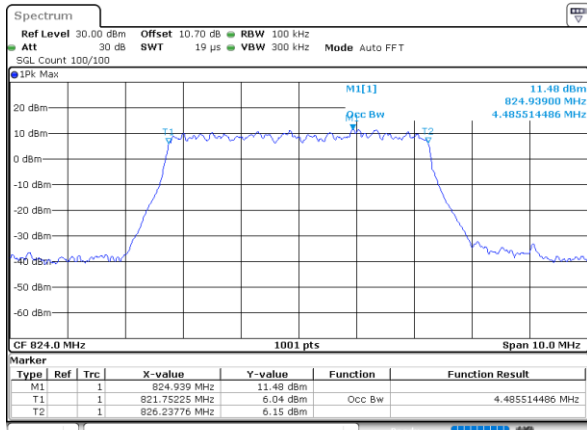
824MHz / 1.4MHz / 256QAM



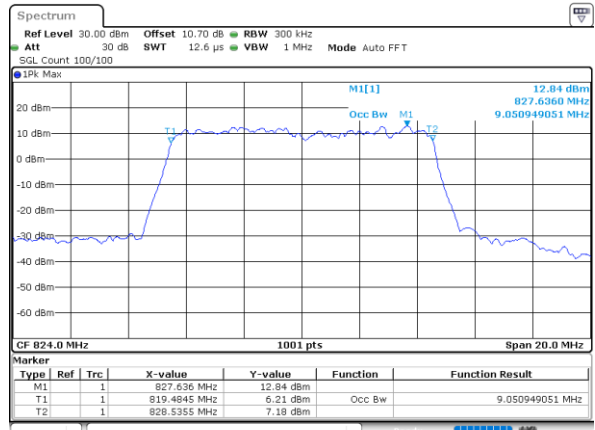
824MHz / 3MHz / 256QAM



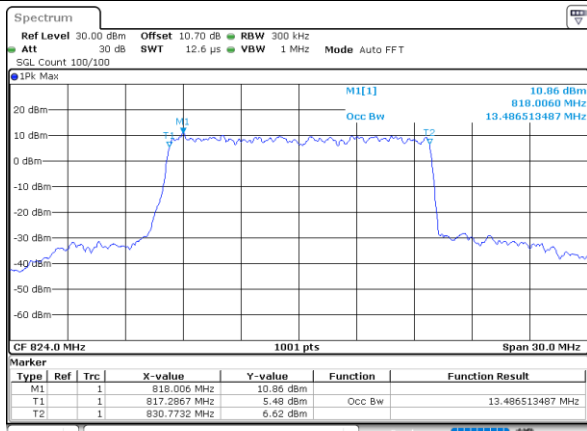
824MHz / 5MHz / 256QAM



824MHz / 10MHz / 256QAM



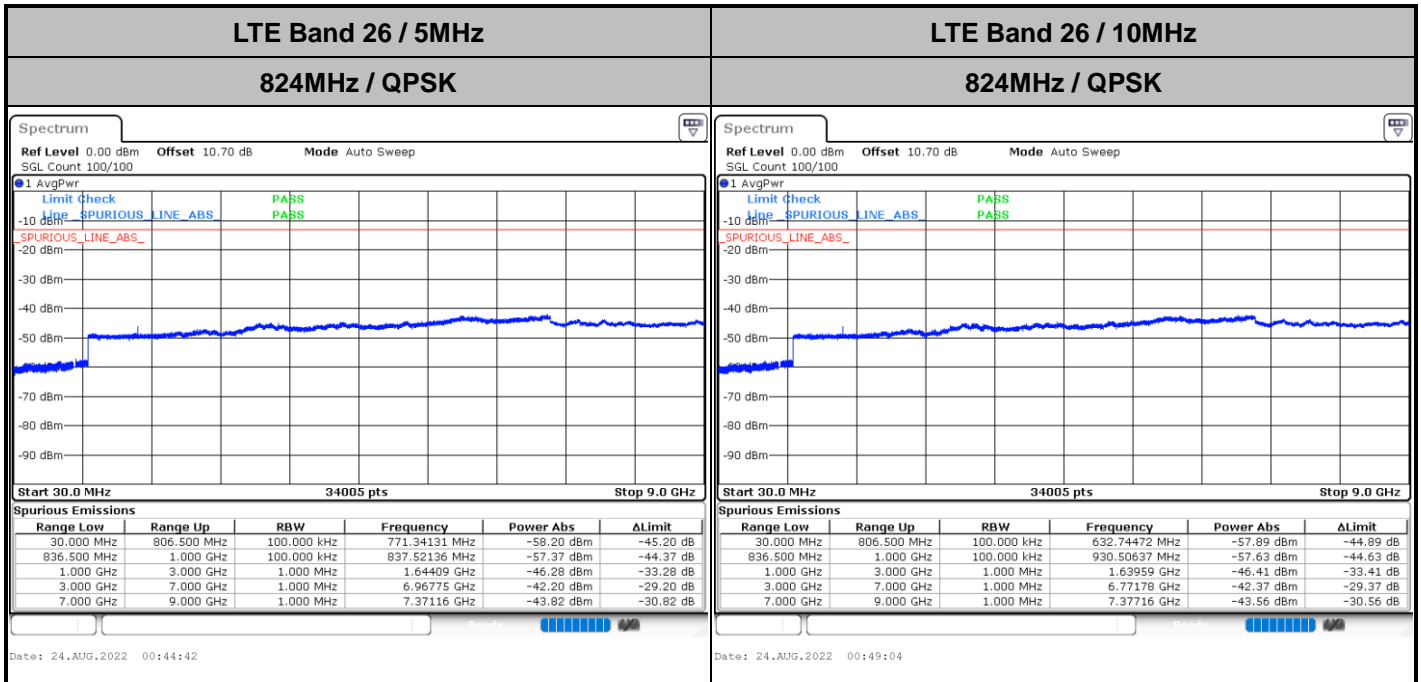
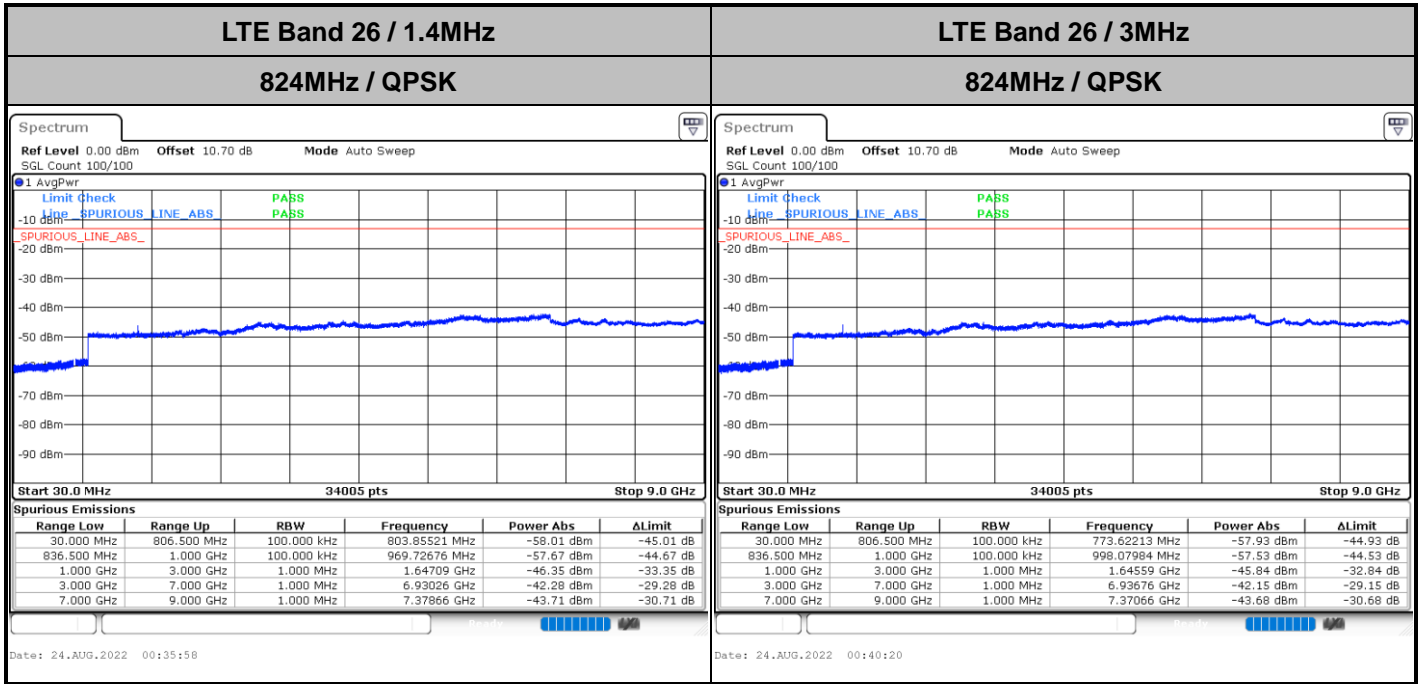
824MHz / 15MHz / 256QAM

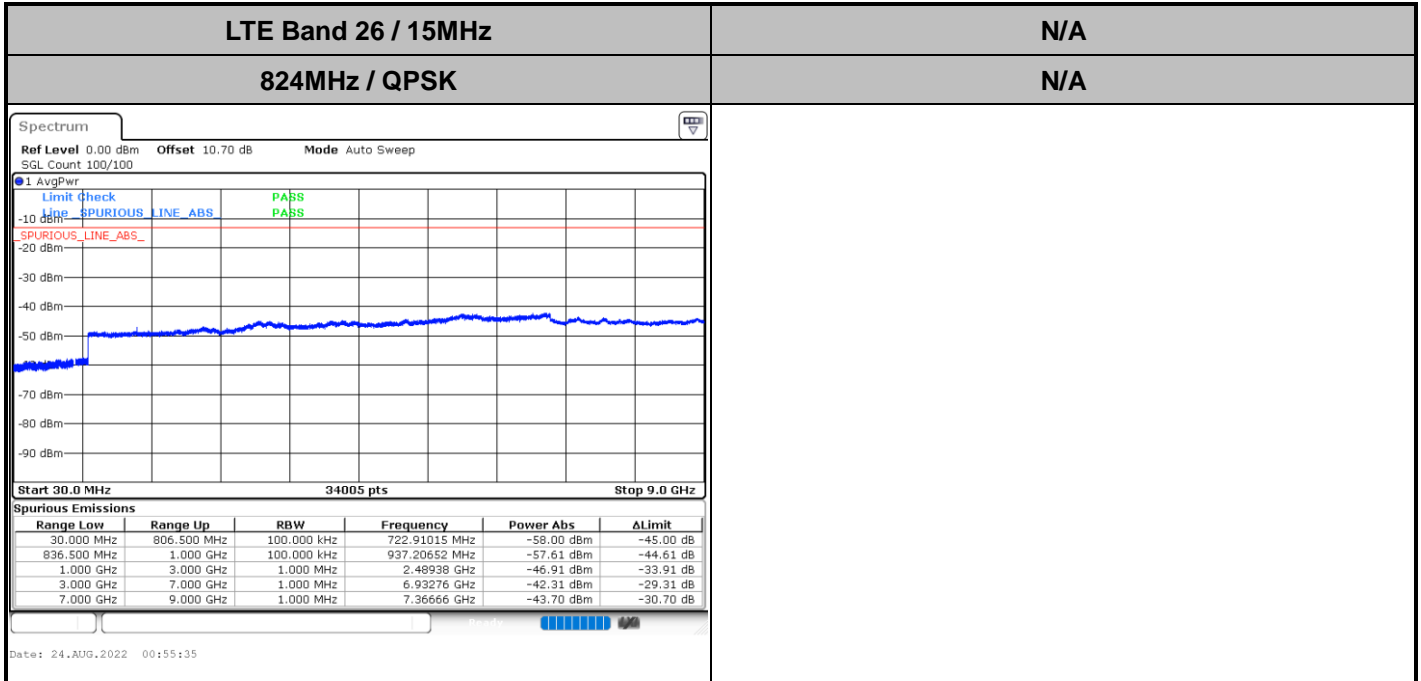


N/A



# Conducted Spurious Emission







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	
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	

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.