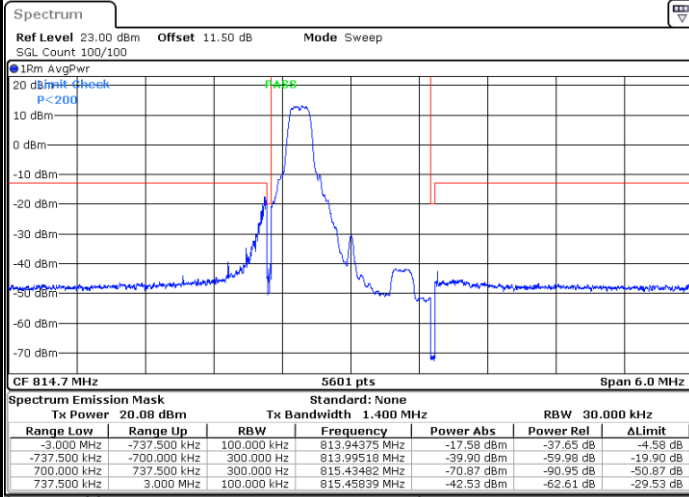


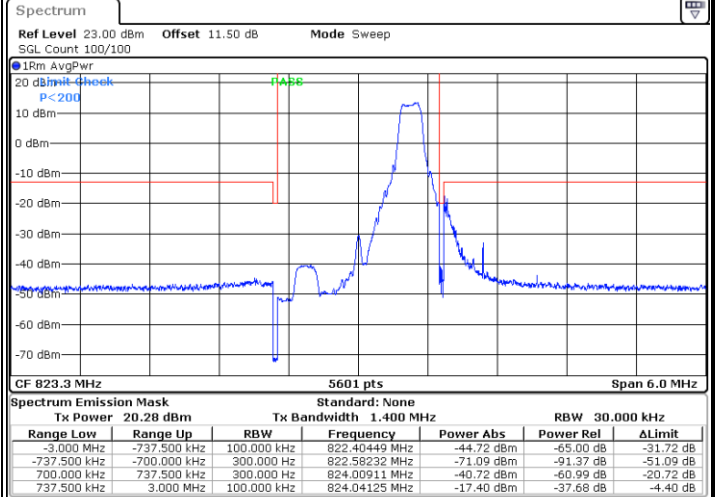


LTE Band 26 / 1.4MHz / 256QAM

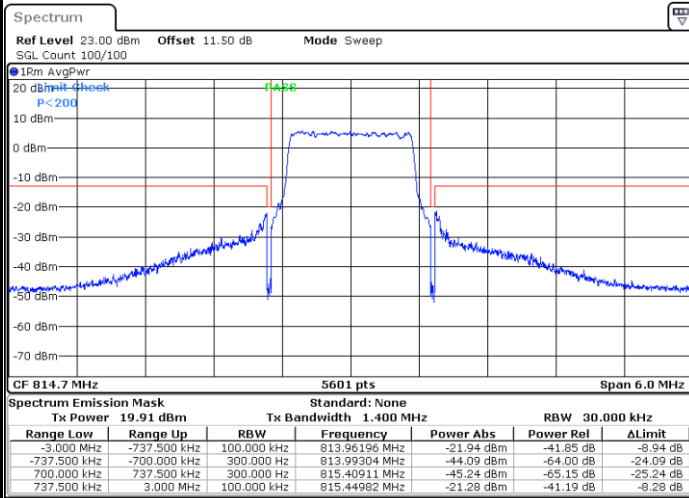
Lowest Channel / 1 RB



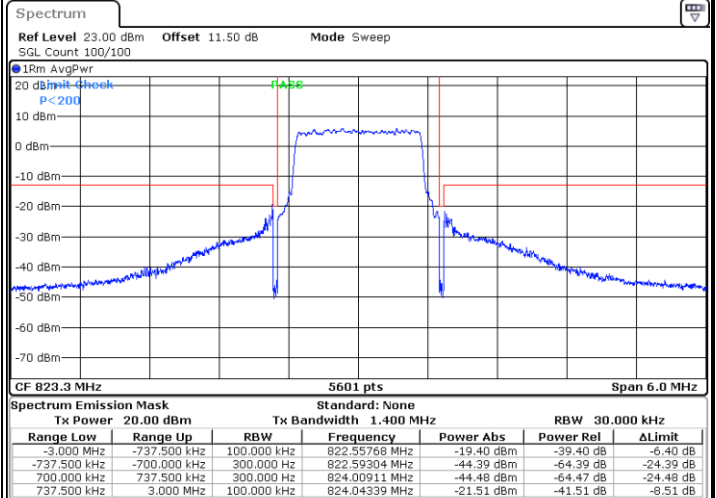
Highest Channel / 1 RB



Lowest Channel / Full RB



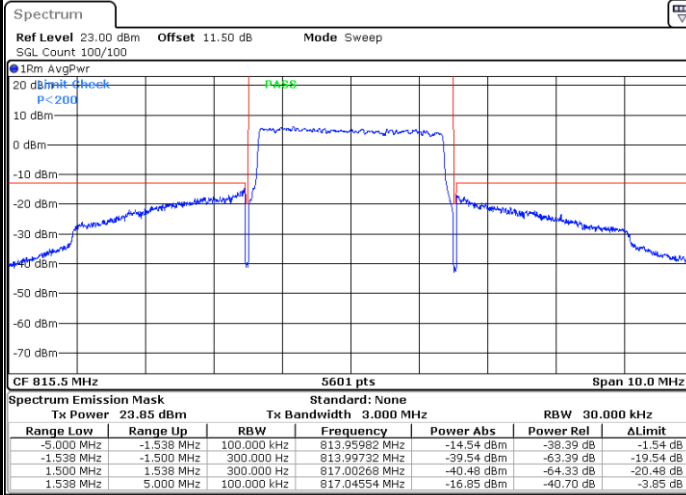
Highest Channel / Full RB



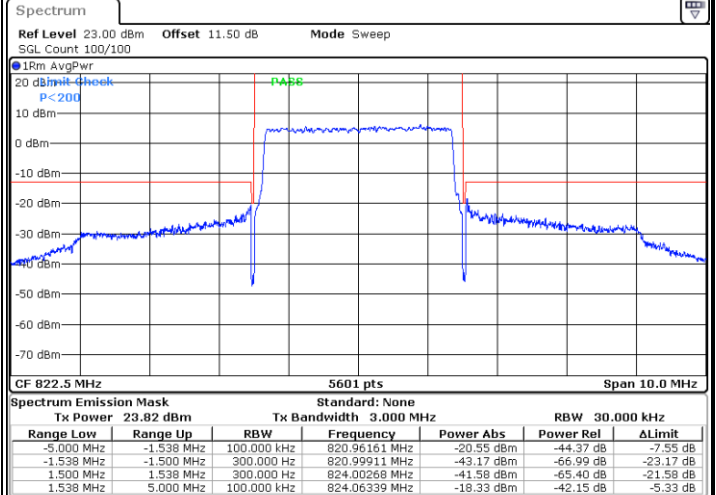


LTE Band 26 / 3MHz / QPSK

Lowest Channel / Full RB

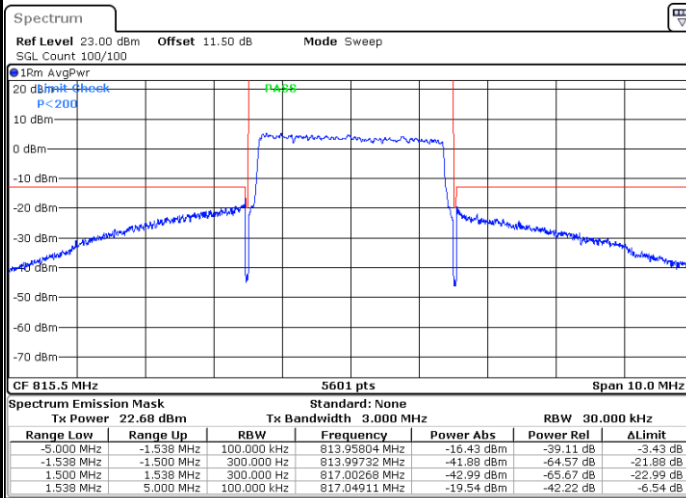


Highest Channel / Full RB

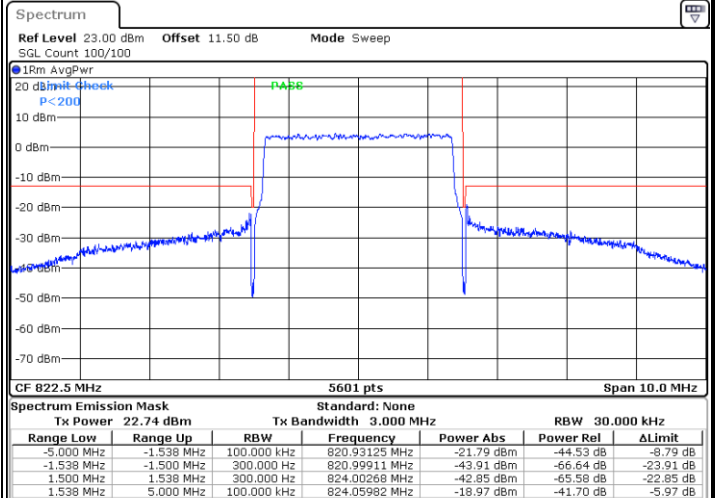


LTE Band 26 / 3MHz / 16QAM

Lowest Channel / Full RB



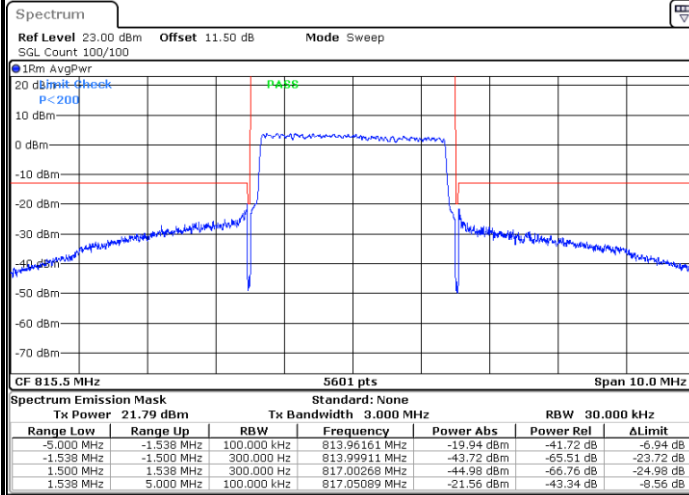
Highest Channel / Full RB



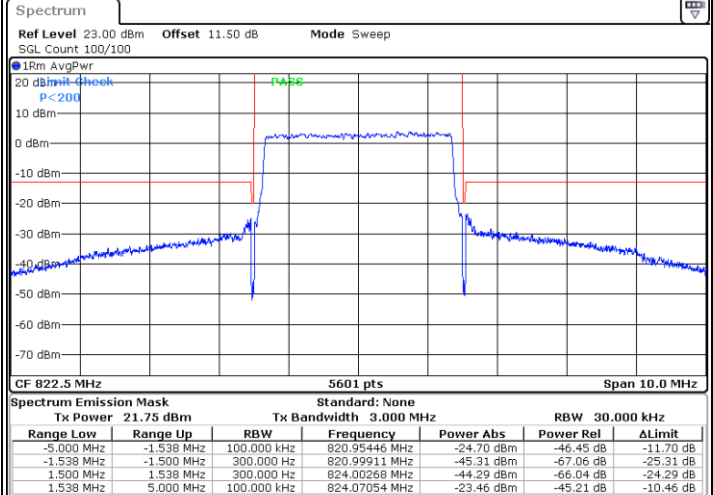


LTE Band 26 / 3MHz / 64QAM

Lowest Channel / Full RB

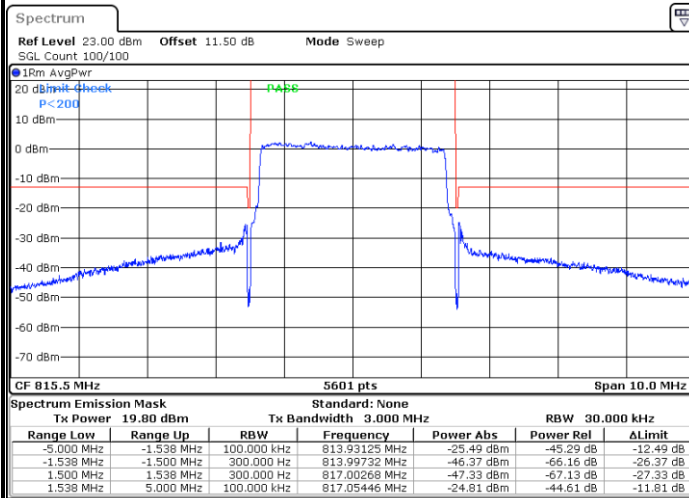


Highest Channel / Full RB

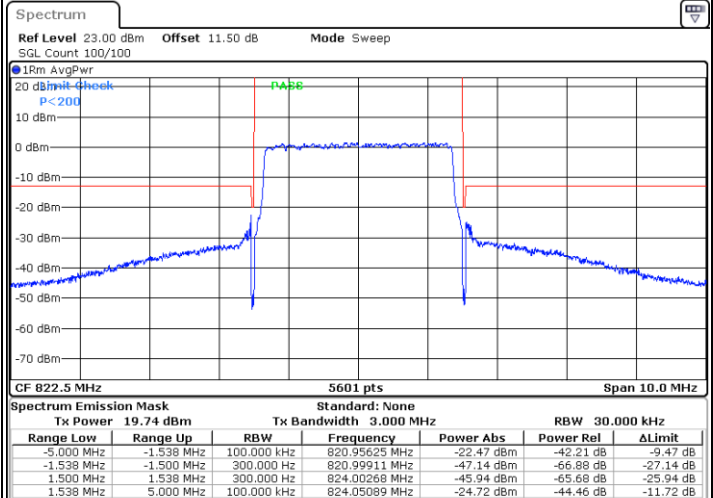


LTE Band 26 / 3MHz / 256QAM

Lowest Channel / Full RB



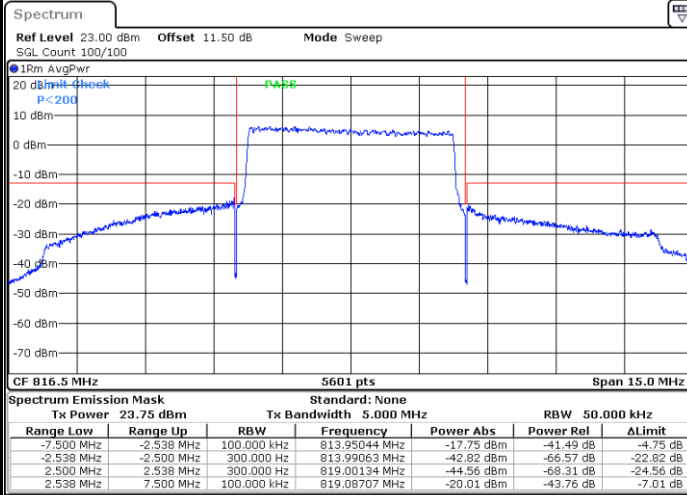
Highest Channel / Full RB



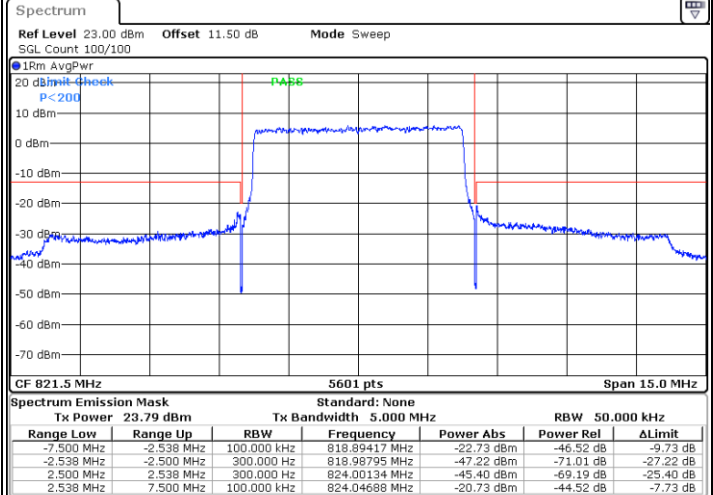


LTE Band 26 / 5MHz / QPSK

Lowest Channel / Full RB

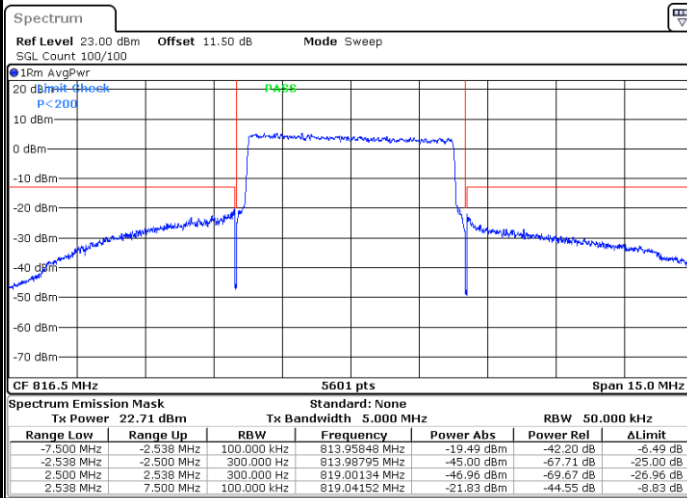


Highest Channel / Full RB

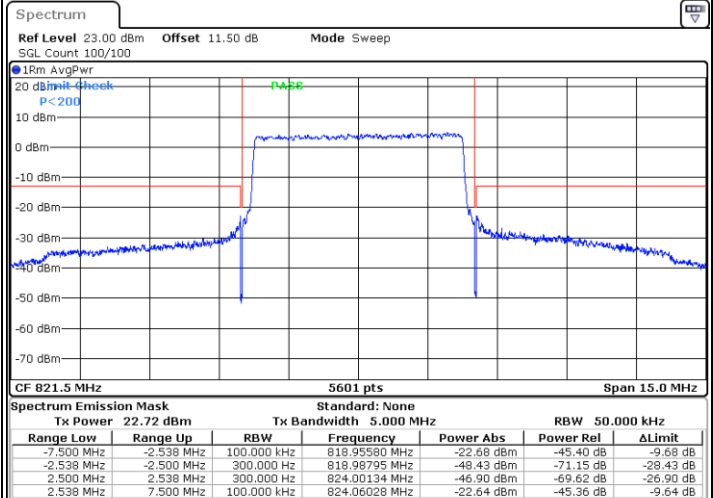


LTE Band 26 / 5MHz / 16QAM

Lowest Channel / Full RB



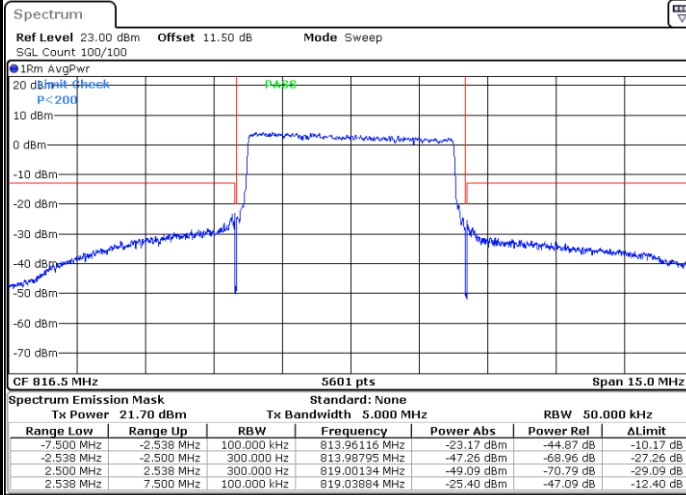
Highest Channel / Full RB



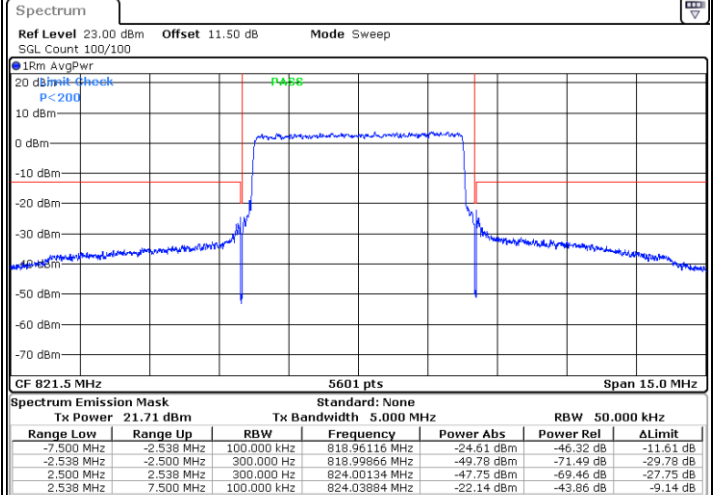


LTE Band 26 / 5MHz / 64QAM

Lowest Channel / Full RB

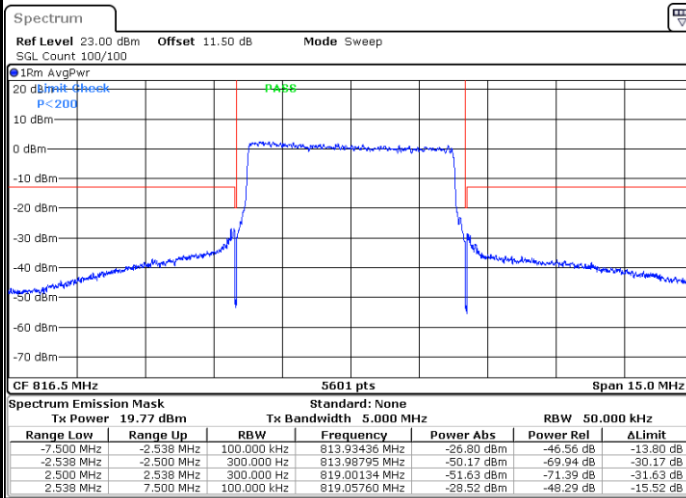


Highest Channel / Full RB

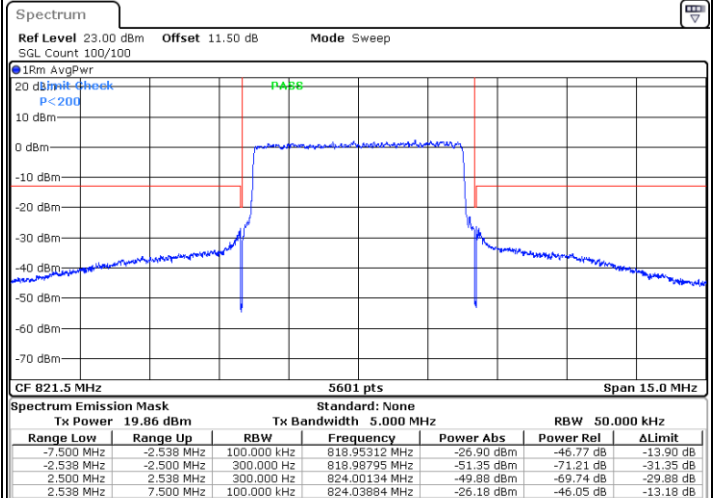


LTE Band 26 / 5MHz / 256QAM

Lowest Channel / Full RB



Highest Channel / Full RB

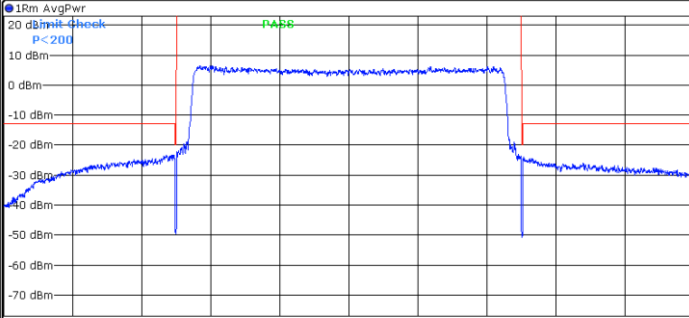




LTE Band 26 / 10MHz / QPSK

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.50 dB Mode Sweep
SGL Count 100/100

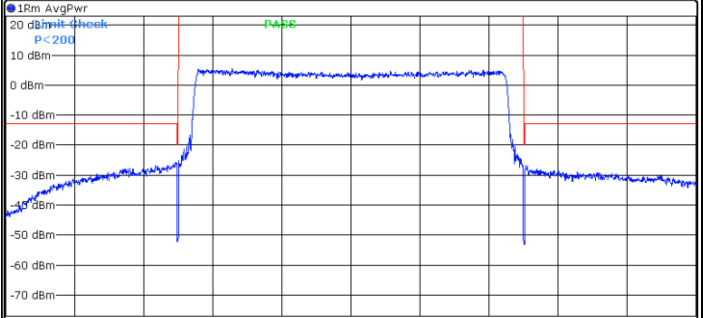
CF 819.0 MHz		5601 pts			Span 20.0 MHz	
Spectrum Emission Mask		Standard: None				
Tx Power 23.96 dBm		Tx Bandwidth 10.000 MHz			RBW 100.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.71062 MHz	-23.34 dbm	-47.31 db	-10.34 db
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-48.25 dbm	-72.22 db	-28.25 db
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-49.00 dbm	-72.96 db	-29.00 db
5.038 MHz	10.000 MHz	100.000 kHz	824.05358 MHz	-23.87 dbm	-47.83 db	-10.87 db

Date: 24.DEC.2024 04:25:17

LTE Band 26 / 10MHz / 16QAM

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.50 dB Mode Sweep
SGL Count 100/100

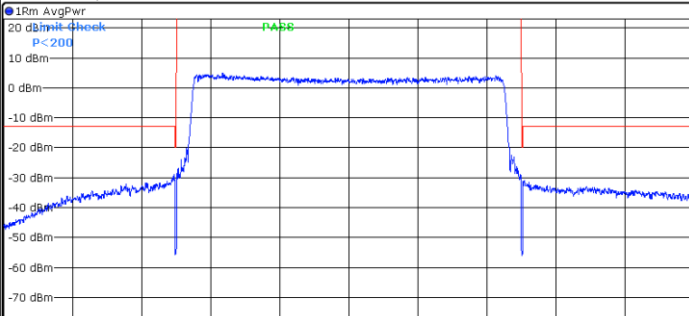
CF 819.0 MHz		5601 pts			Span 20.0 MHz	
Spectrum Emission Mask		Standard: None				
Tx Power 22.94 dBm		Tx Bandwidth 10.000 MHz			RBW 100.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.91784 MHz	-25.78 dBm	-48.72 dB	-12.78 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-50.94 dBm	-73.88 dB	-30.94 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-51.93 dBm	-74.86 dB	-31.93 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.11074 MHz	-26.93 dBm	-49.87 dB	-13.93 dB

Date: 24.DEC.2024 04:26:14

LTE Band 26 / 10MHz / 64QAM

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.50 dB Mode Sweep
SGL Count 100/100

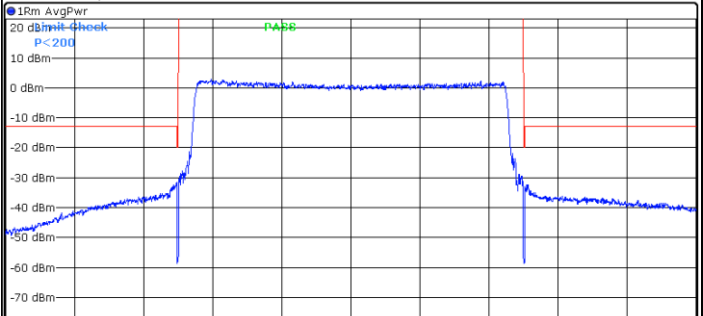
CF 819.0 MHz			5601 pts		Span 20.0 MHz	
Spectrum Emission Mask			Standard: None			
Tx Power 22.00 dBm			Tx Bandwidth 10.000 MHz		RBW 100.000 kHz	
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.93213 MHz	-28.83 dBm	-50.83 dB	-15.83 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-54.01 dBm	-76.01 dB	-34.01 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-54.62 dBm	-76.62 dB	-34.62 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.08216 MHz	-30.81 dBm	-52.81 dB	-17.81 dB

Date: 24.DEC.2024 04:27:11

LTE Band 26 / 10MHz / 256QAM

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.50 dB Mode Sweep
SGL Count 100/100

CF 819.0 MHz			5601 pts			Span 20.0 MHz		
Spectrum Emission Mask			Standard: None					
Tx Power 20.03 dBm			Tx Bandwidth 10.000 MHz			RBW 100.000 kHz		
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ALimit		
-10.000 MHz	-5.038 MHz	100.000 kHz	813.95714 MHz	-31.56 dBm	-51.58 dB	-18.56 dB		
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99813 MHz	-56.53 dBm	-76.55 dB	-36.53 dB		
5.000 MHz	5.038 MHz	300.000 Hz	824.01688 MHz	-57.27 dBm	-77.30 dB	-37.27 dB		
5.038 MHz	10.000 MHz	100.000 kHz	824.12860 MHz	-32.33 dBm	-52.36 dB	-19.33 dB		

Date: 24.DEC.2024 04:28:09



LTE Band 26 / 15MHz / QPSK

Lowest Channel / Full RB

Spectrum

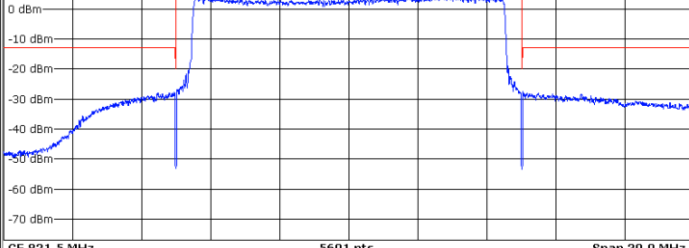
Ref Level 23.00 dBm Offset 11.50 dB Mode Sweep

SGL Count 100/100

1Rm AvgPwr

20 dBm Check

P<200



CF 821.5 MHz		5601 pts		Span 30.0 MHz		
Spectrum Emission Mask		Standard: None				
Tx Power 23.80 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	813.92232 MHz	-27.83 dBm	-51.63 dB	-14.83 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99196 MHz	-52.46 dBm	-76.25 dB	-32.46 dB
-7.500 MHz	7.538 MHz	300.000 Hz	829.02411 MHz	-52.45 dBm	-76.24 dB	-32.45 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.04018 MHz	-27.37 dBm	-51.16 dB	-14.37 dB

Date: 24.DEC.2024 04:36:23

LTE Band 26 / 15MHz / 16QAM

Lowest Channel / Full RB

Spectrum

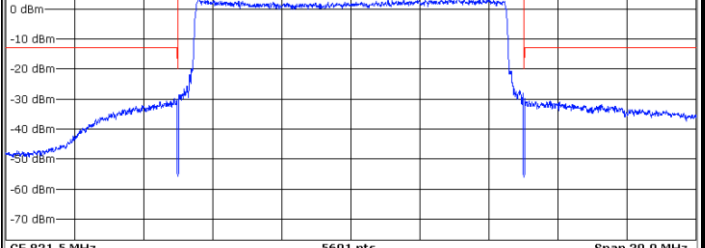
Ref Level 23.00 dBm Offset 11.50 dB Mode Sweep

SGL Count 100/100

1Rm AvgPwr

20 dBm Check

P<200



CF 821.5 MHz		5601 pts		Span 30.0 MHz		
Spectrum Emission Mask						
Tx Power 22.79 dBm		Standard: None			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	813.82054 MHz	-29.89 dBm	-52.68 dB	-16.89 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.98125 MHz	-55.28 dBm	-78.06 dB	-35.28 dB
-7.500 MHz	7.538 MHz	300.000 Hz	829.02411 MHz	-55.53 dBm	-78.32 dB	-35.53 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.05089 MHz	-29.76 dBm	-52.55 dB	-16.76 dB

Date: 24.DEC.2024 04:37:21

LTE Band 26 / 15MHz / 64QAM

Lowest Channel / Full RB

Spectrum

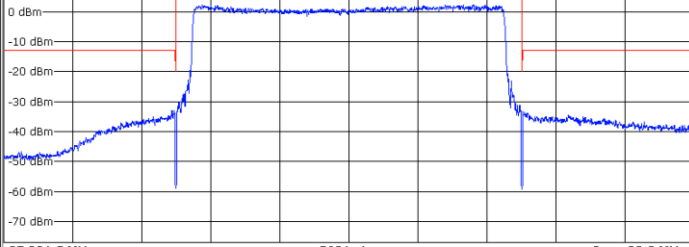
Ref Level 23.00 dBm Offset 11.50 dB Mode Sweep

SGL Count 100/100

1Rm AvgPwr

20 dBm Check

P<200



CF 821.5 MHz		5601 pts		Span 30.0 MHz		
Spectrum Emission Mask		Standard: None				
Tx Power 21.78 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	813.81518 MHz	-32.87 dBm	-54.65 dB	-19.87 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-58.17 dBm	-79.94 dB	-38.17 dB
-7.500 MHz	7.538 MHz	300.000 Hz	829.00268 MHz	-58.35 dBm	-80.12 dB	-38.35 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.05625 MHz	-33.37 dBm	-55.14 dB	-20.37 dB

Date: 24.DEC.2024 04:38:18

LTE Band 26 / 15MHz / 256QAM

Lowest Channel / Full RB

Spectrum

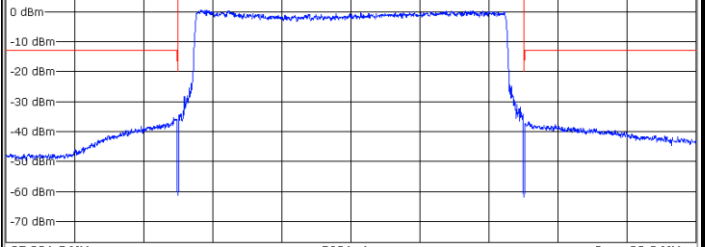
Ref Level 23.00 dBm Offset 11.50 dB Mode Sweep

SGL Count 100/100

1Rm AvgPwr

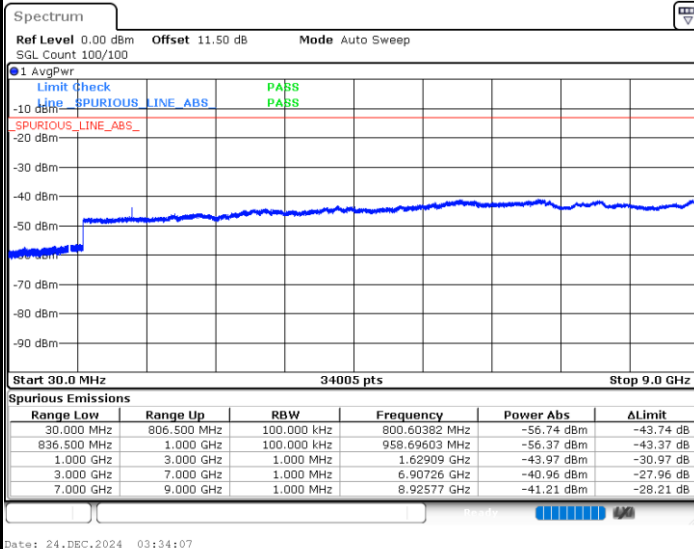
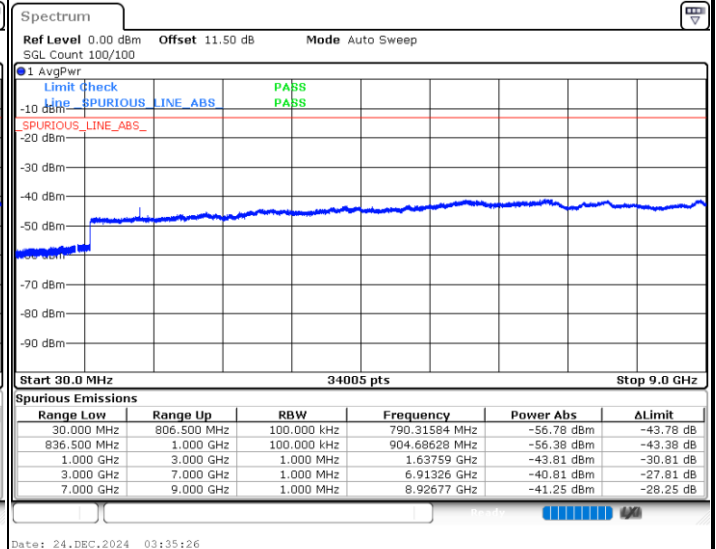
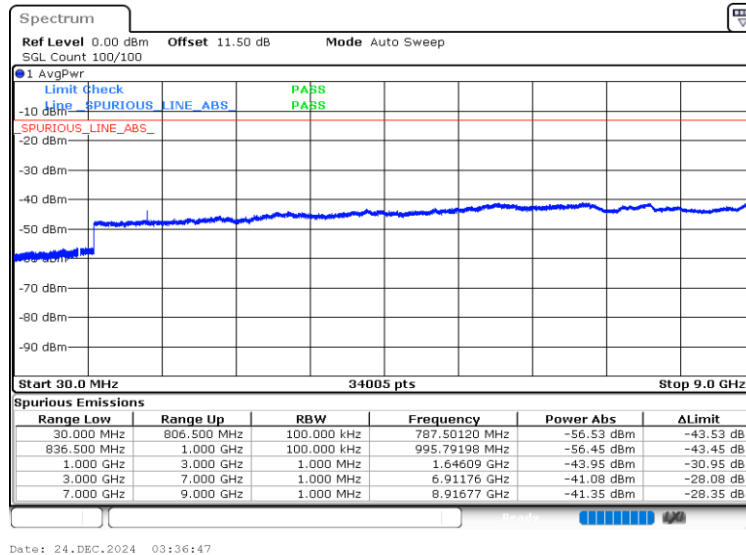
20 dBm Check

P<200



CF 821.5 MHz		5601 pts		Span 30.0 MHz		
Spectrum Emission Mask		Standard: None				
Tx Power 19.85 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	813.79911 MHz	-35.36 dBm	-55.21 dB	-22.36 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.98125 MHz	-60.43 dBm	-80.28 dB	-40.43 dB
-7.500 MHz	7.538 MHz	300.000 Hz	829.00804 MHz	-61.01 dBm	-80.66 dB	-41.01 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.20625 MHz	-36.63 dBm	-56.48 dB	-23.63 dB

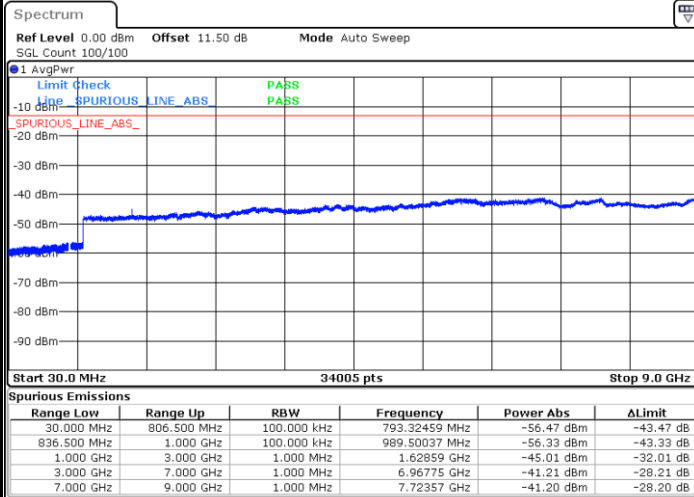
Date: 24.DEC.2024 04:39:15

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



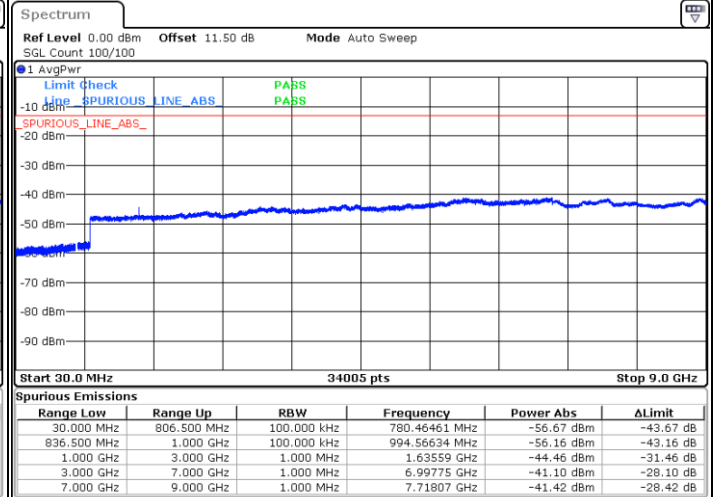
LTE Band 26 / 3MHz

Lowest Channel / QPSK



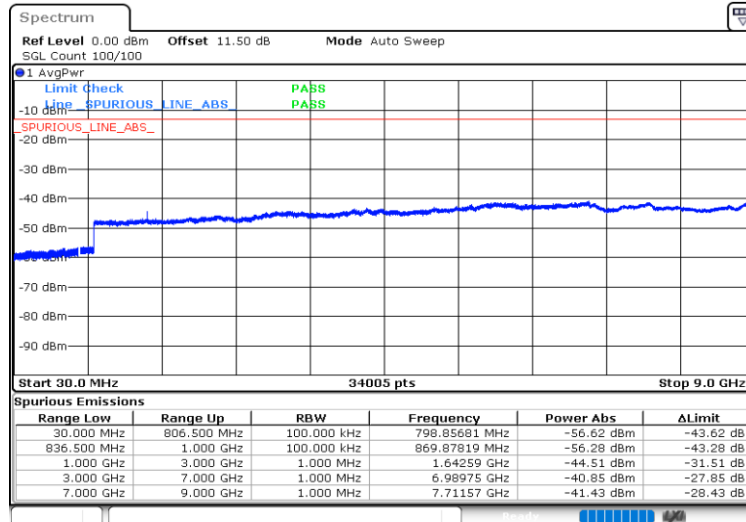
Date: 24.DEC.2024 04:06:00

Middle Channel / QPSK



Date: 24.DEC.2024 04:07:19

Highest Channel / QPSK

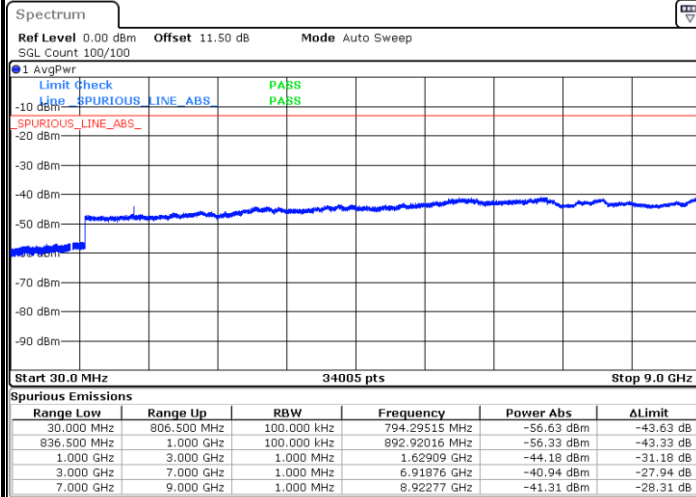


Date: 24.DEC.2024 04:08:37



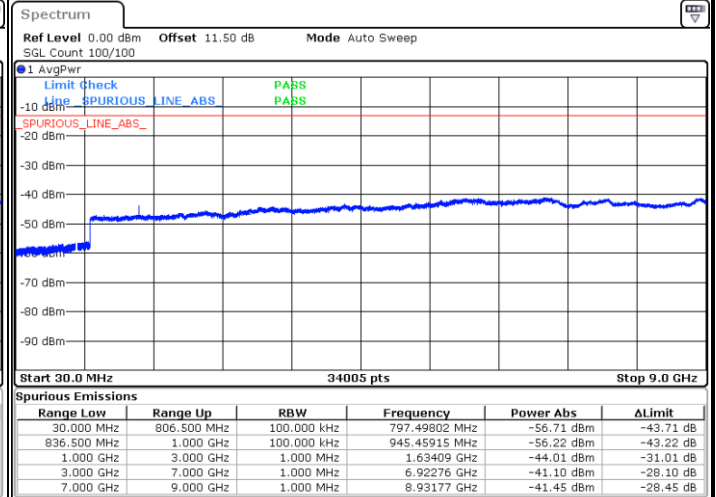
LTE Band 26 / 5MHz

Lowest Channel / QPSK



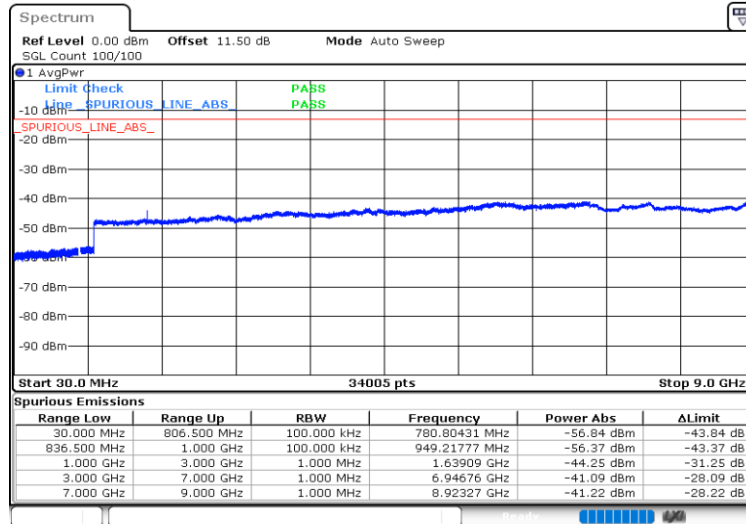
Date: 24.DEC.2024 04:21:38

Middle Channel / QPSK



Date: 24.DEC.2024 04:22:56

Highest Channel / QPSK

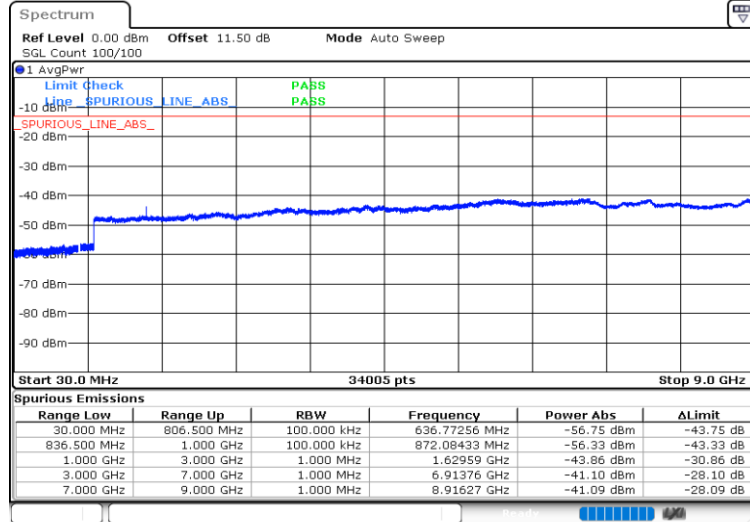


Date: 24.DEC.2024 04:24:14



LTE Band 26 / 10MHz

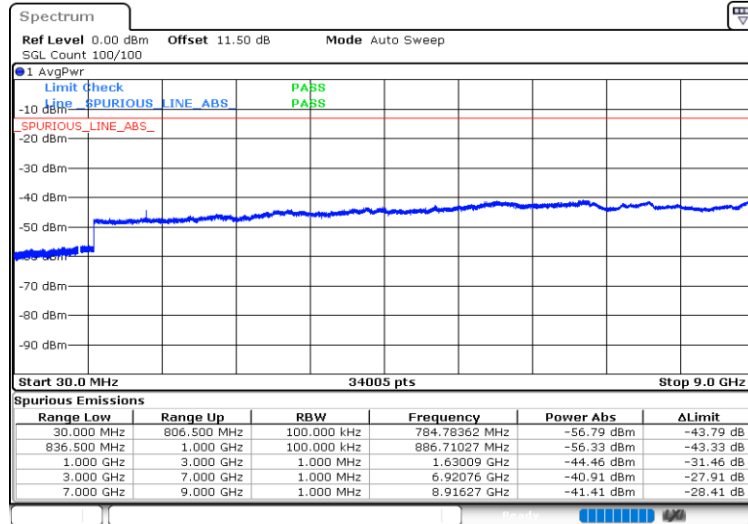
Middle Channel / QPSK





LTE Band 26 / 15MHz

Lowest 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	0.0085	PASS
40	Normal Voltage	0.0089	
30	Normal Voltage	0.0110	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0084	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0062	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0062	

Note:

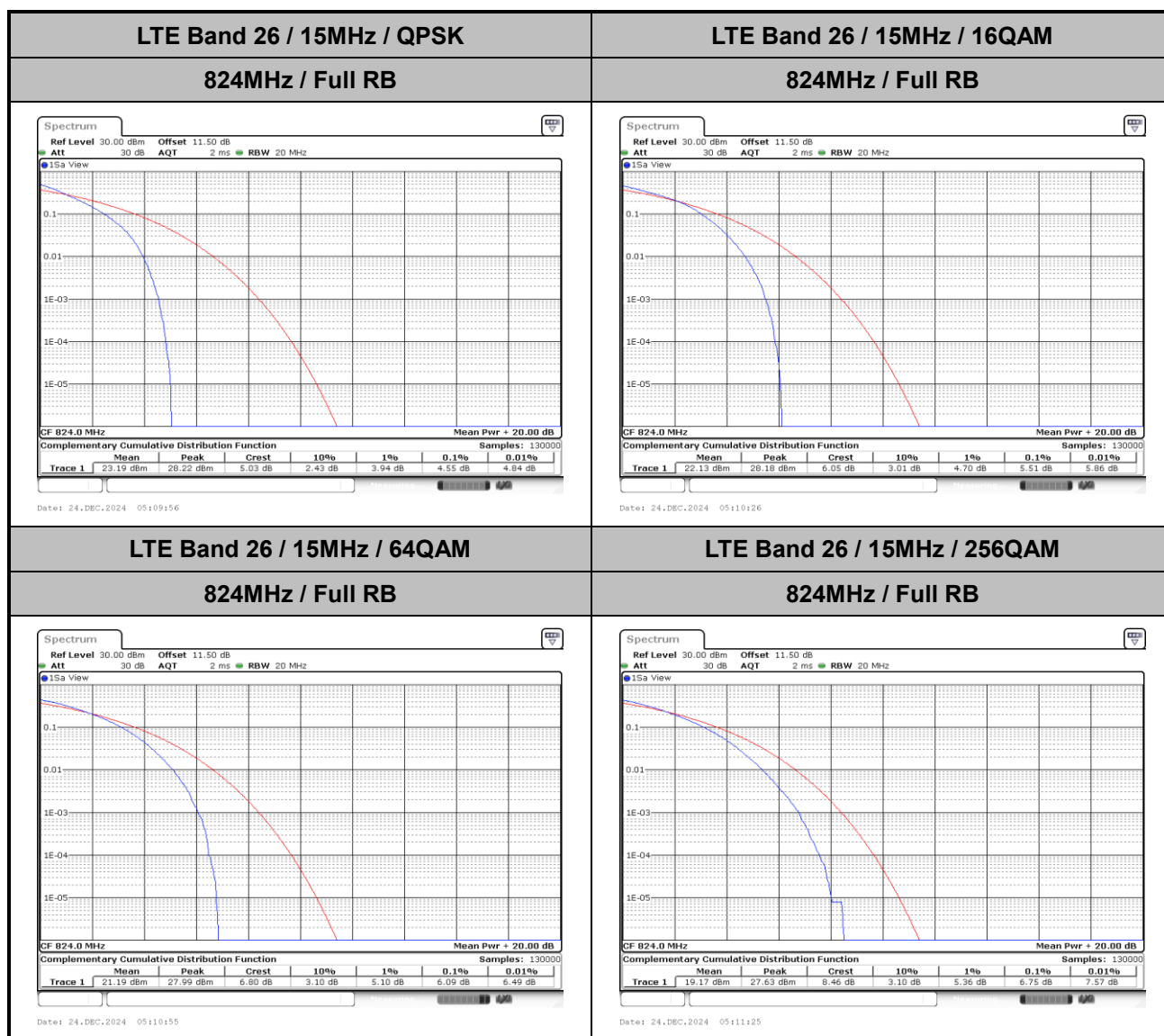
1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26_Part 90S

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	4.55	5.51	6.09	6.75	PASS



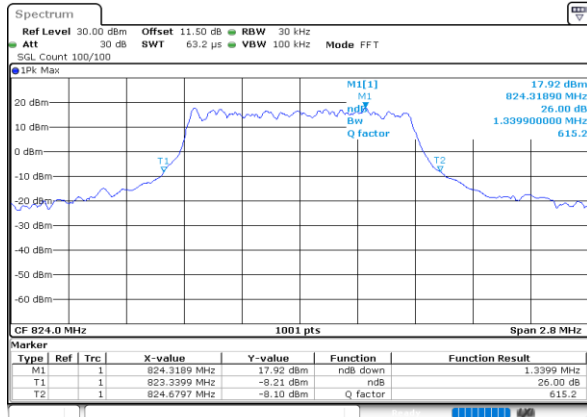
**26dB Bandwidth**

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
824MHz	1.33	1.33	3.09	3.01	5.00	5.03	9.66	9.86	14.50	14.41	-	-
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	1.37	1.31	3.09	2.97	5.09	5.05	9.92	9.84	14.77	14.23	-	-

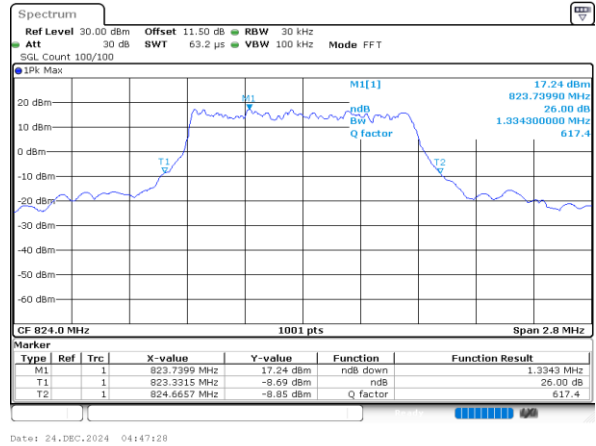


LTE Band 26

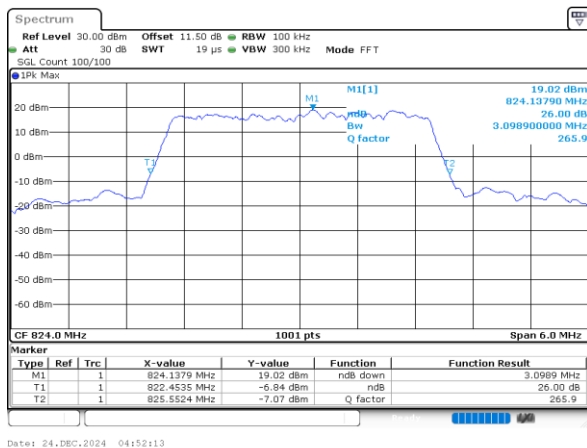
824MHz / 1.4MHz / QPSK



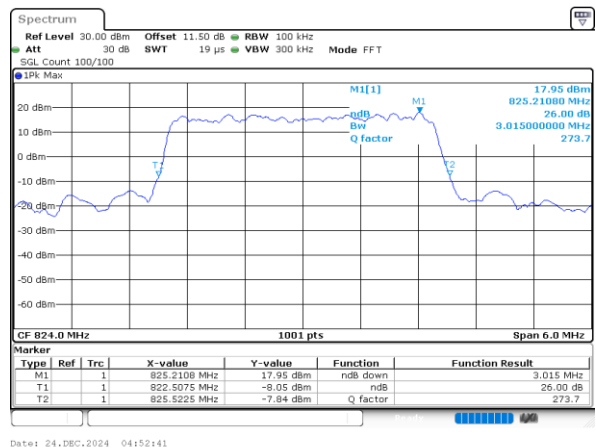
824MHz / 1.4MHz / 16QAM



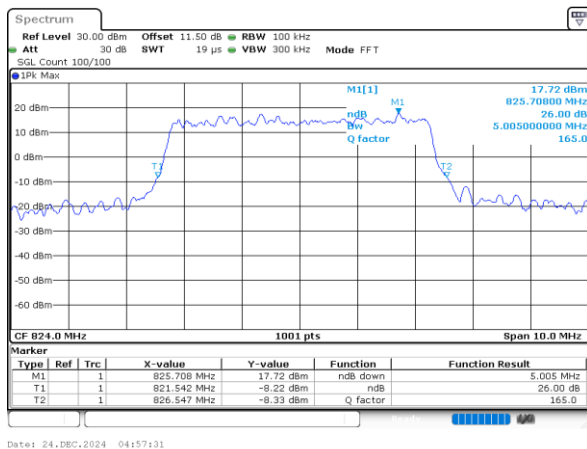
824MHz / 3MHz / QPSK



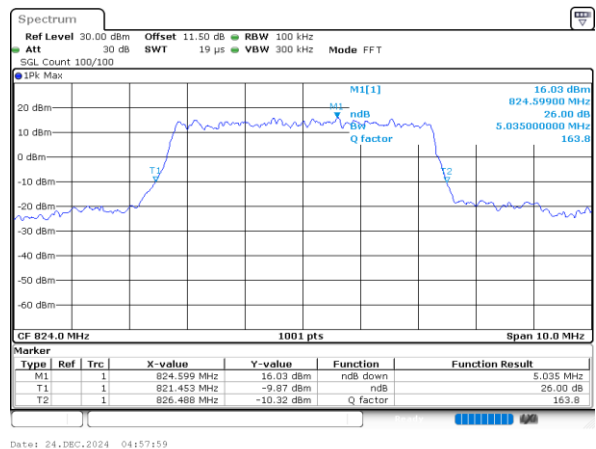
824MHz / 3MHz / 16QAM



824MHz / 5MHz / QPSK



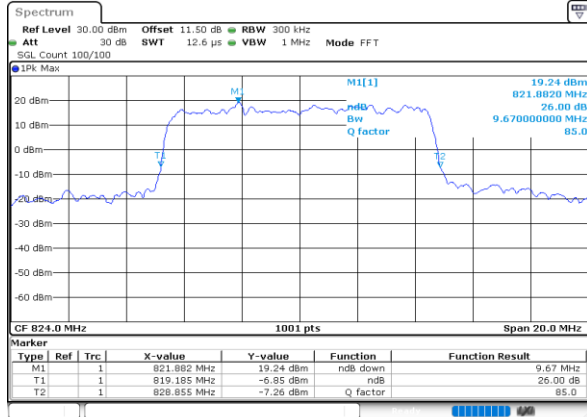
824MHz / 5MHz / 16QAM



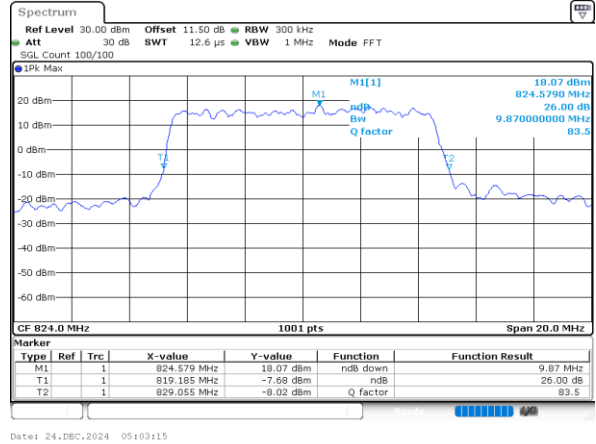


LTE Band 26

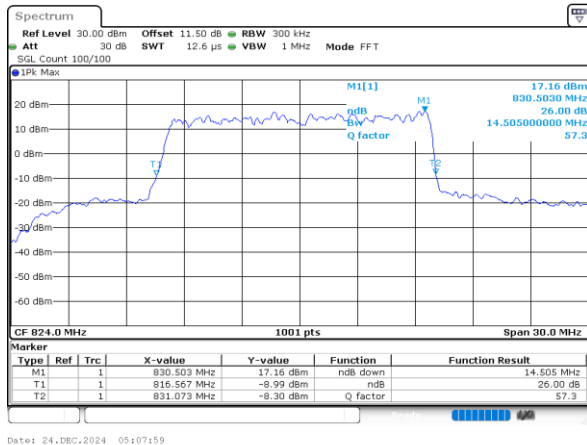
824MHz / 10MHz / QPSK



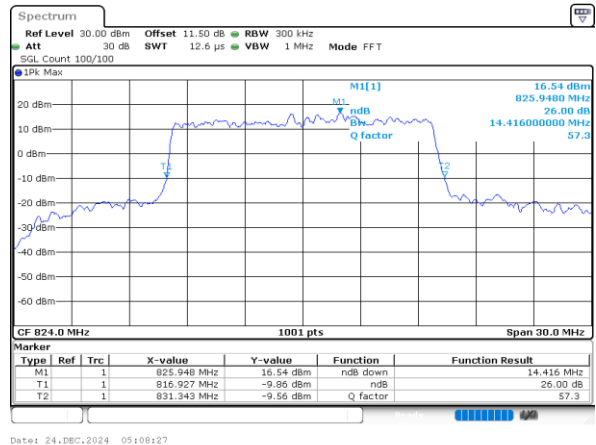
824MHz / 10MHz / 16QAM



824MHz / 15MHz / QPSK



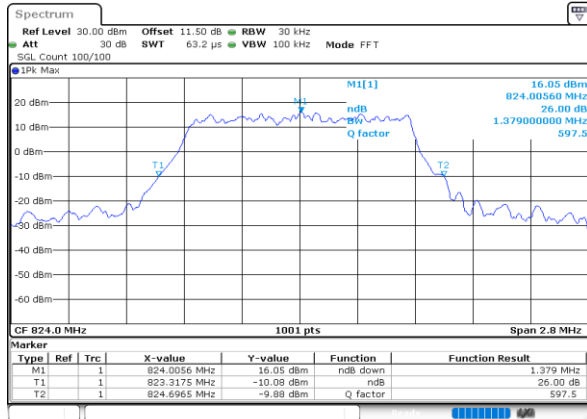
824MHz / 15MHz / 16QAM



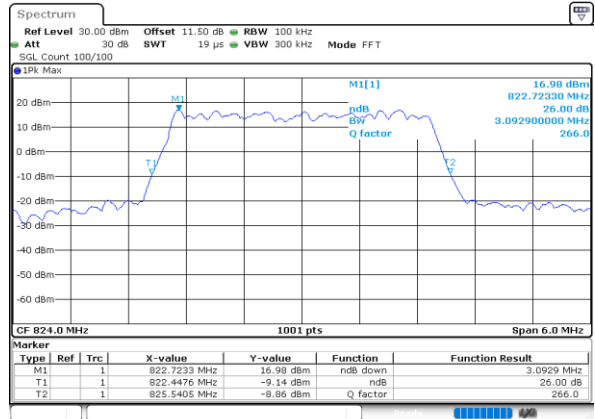


LTE Band 26

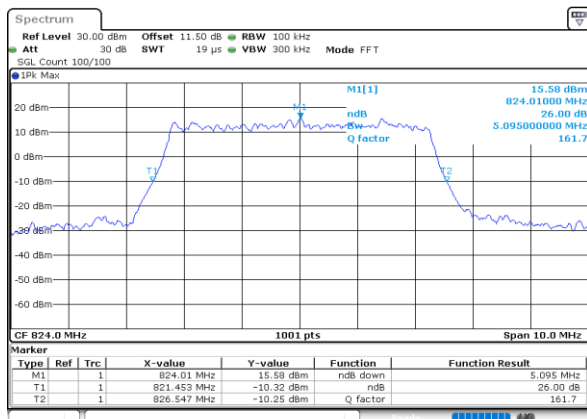
824MHz / 1.4MHz / 64QAM



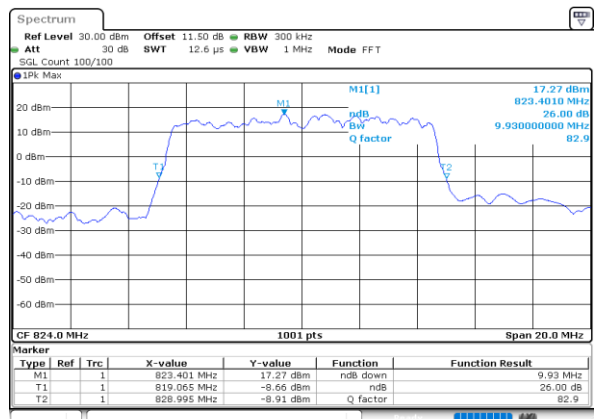
824MHz / 3MHz / 64QAM



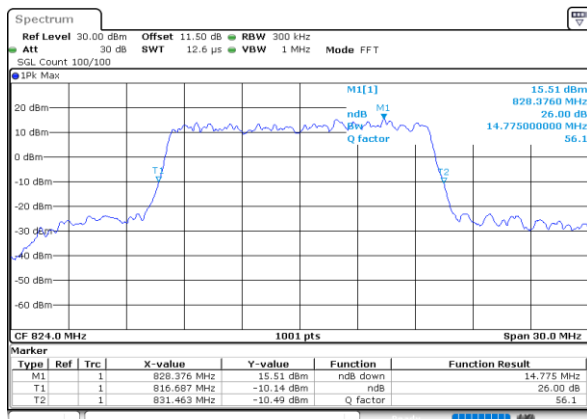
824MHz / 5MHz / 64QAM



824MHz / 10MHz / 64QAM



824MHz / 15MHz / 64QAM

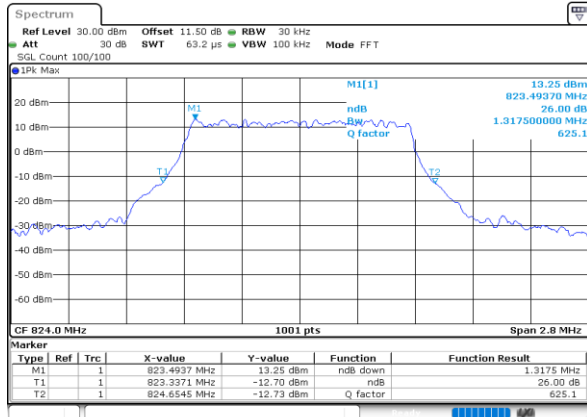


N/A

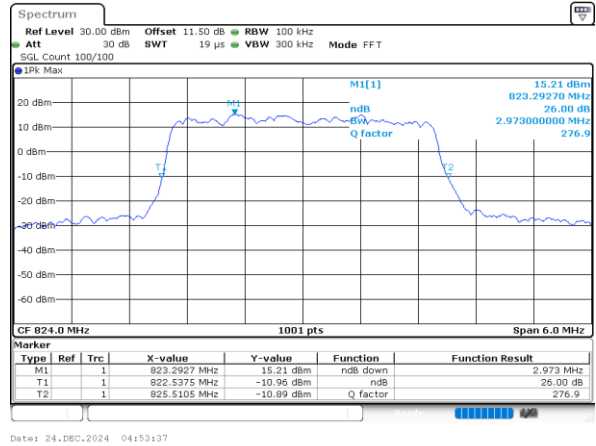


LTE Band 26

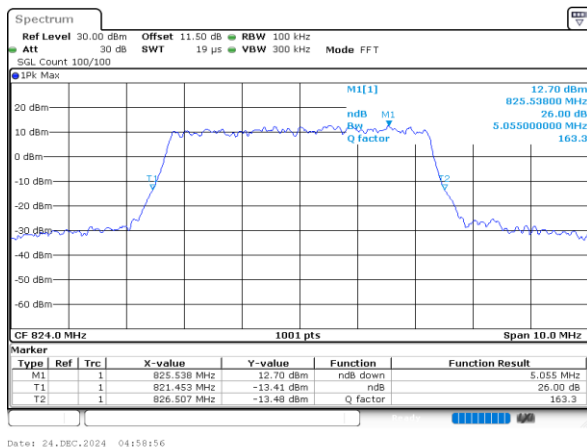
824MHz / 1.4MHz / 256QAM



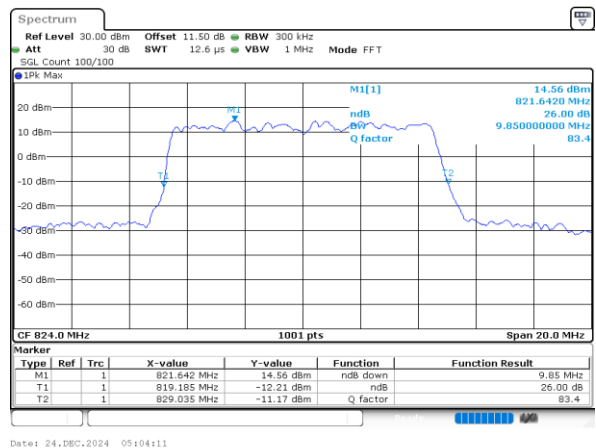
824MHz / 3MHz / 256QAM



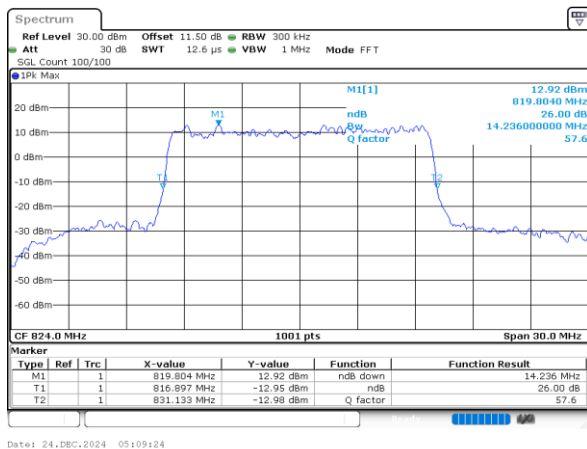
824MHz / 5MHz / 256QAM



824MHz / 10MHz / 256QAM



824MHz / 15MHz / 256QAM



N/A

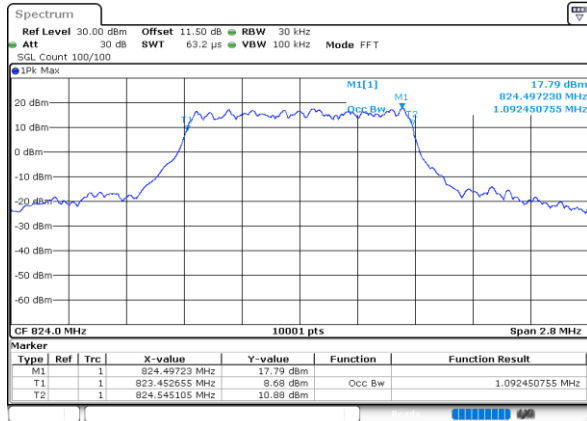
**Occupied Bandwidth**

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	1.09	2.71	2.72	4.47	4.51	9.05	9.02	13.41	13.47	-	-
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	1.08	1.10	2.72	2.72	4.49	4.50	9.07	8.97	13.46	13.49	-	-

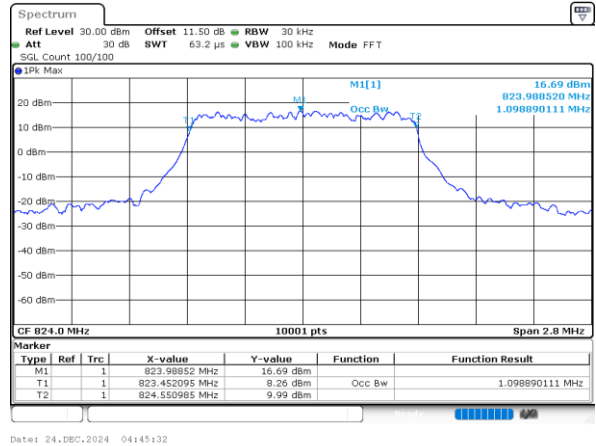


LTE Band 26

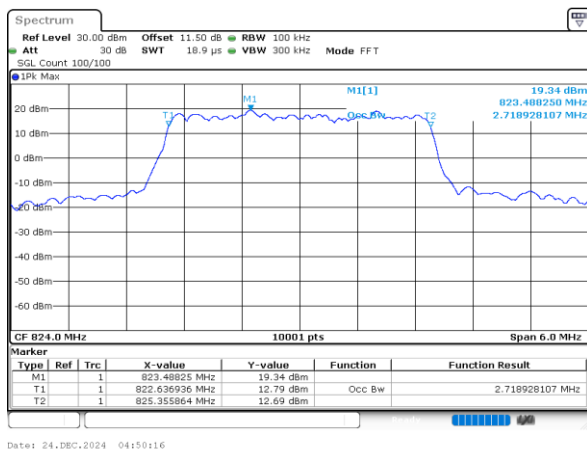
824MHz / 1.4MHz / QPSK



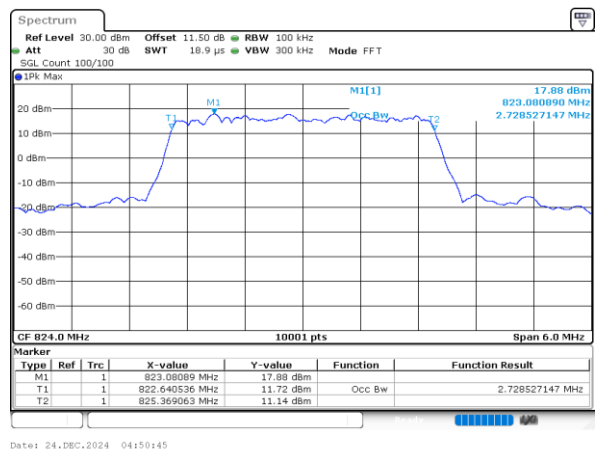
824MHz / 1.4MHz / 16QAM



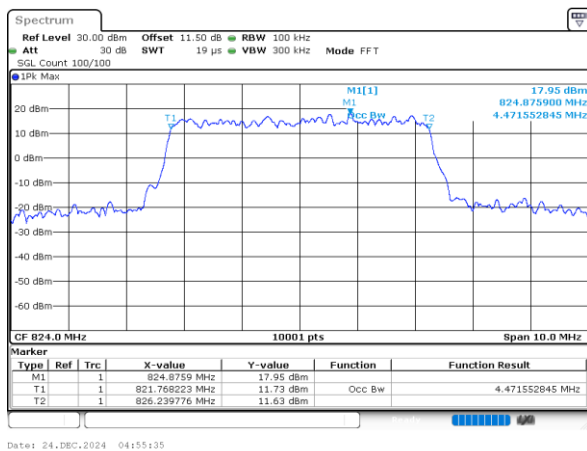
824MHz / 3MHz / QPSK



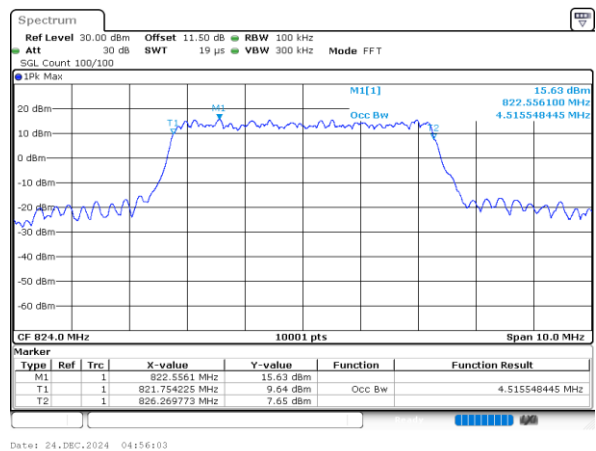
824MHz / 3MHz / 16QAM



824MHz / 5MHz / QPSK



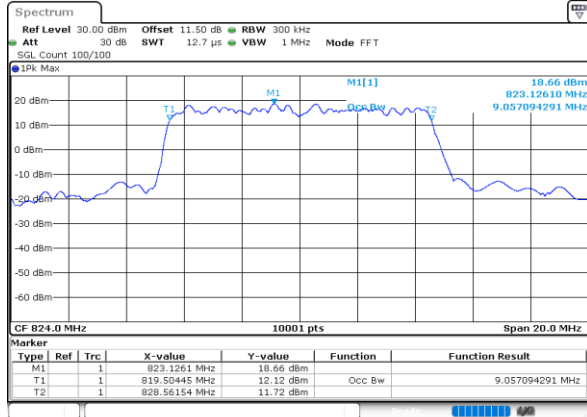
824MHz / 5MHz / 16QAM



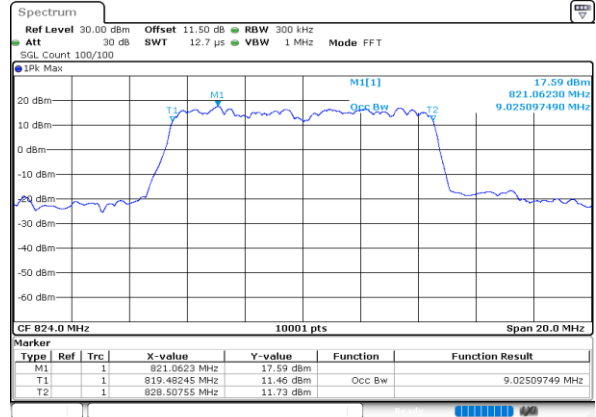


LTE Band 26

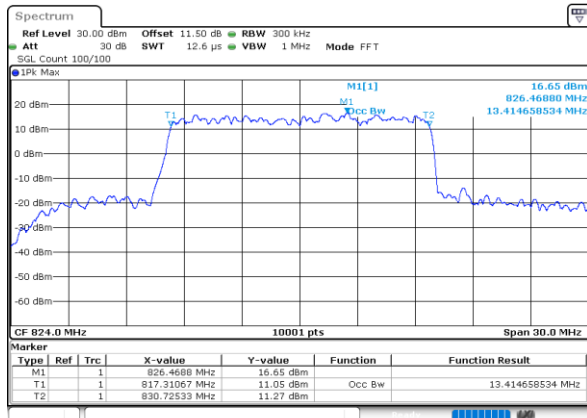
824MHz / 10MHz / QPSK



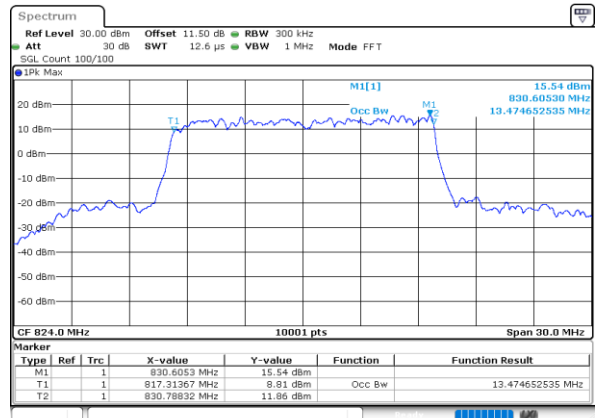
824MHz / 10MHz / 16QAM



824MHz / 15MHz / QPSK



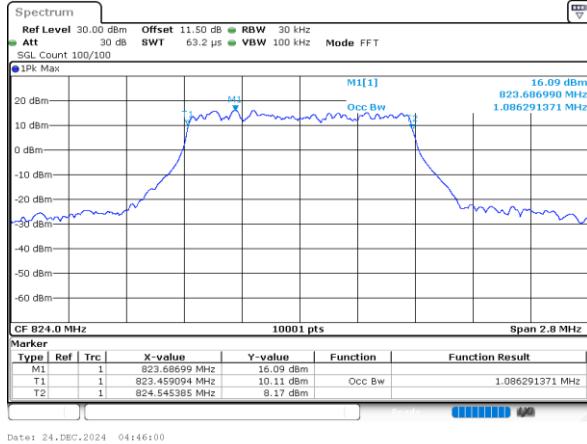
824MHz / 15MHz / 16QAM



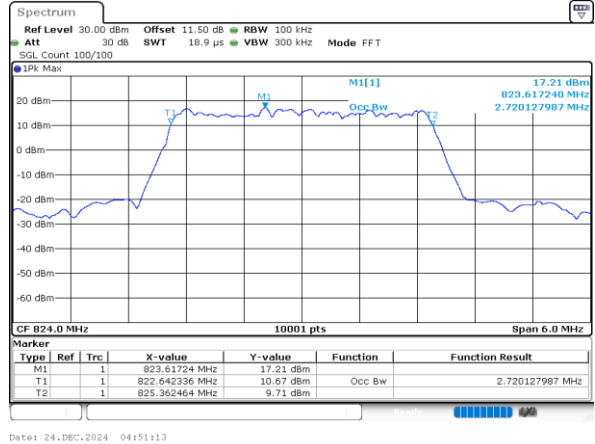


LTE Band 26

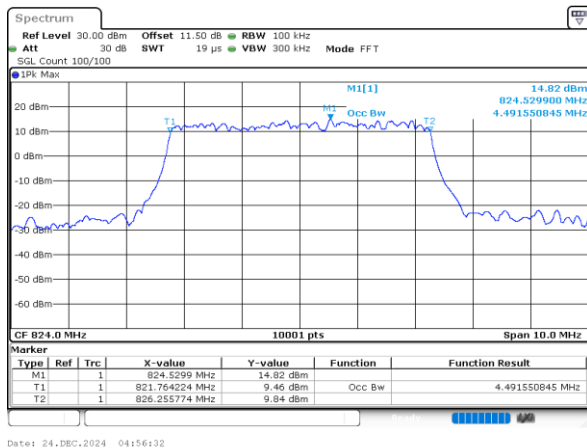
824MHz / 1.4MHz / 64QAM



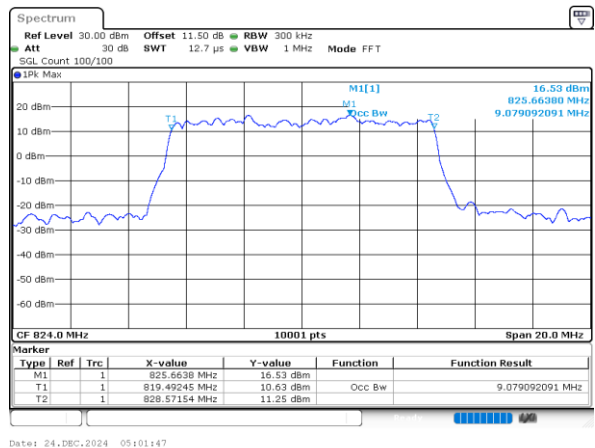
824MHz / 3MHz / 64QAM



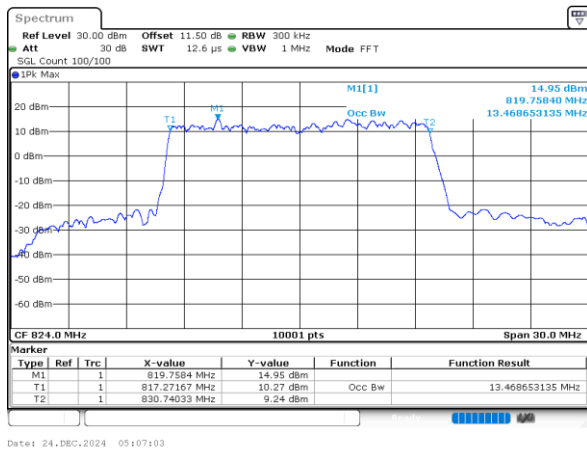
824MHz / 5MHz / 64QAM



824MHz / 10MHz / 64QAM



824MHz / 15MHz / 64QAM

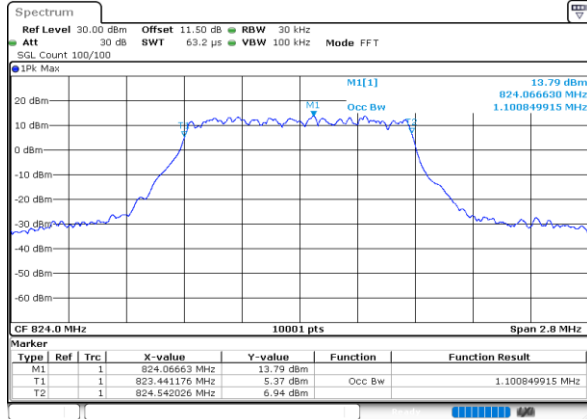


N/A

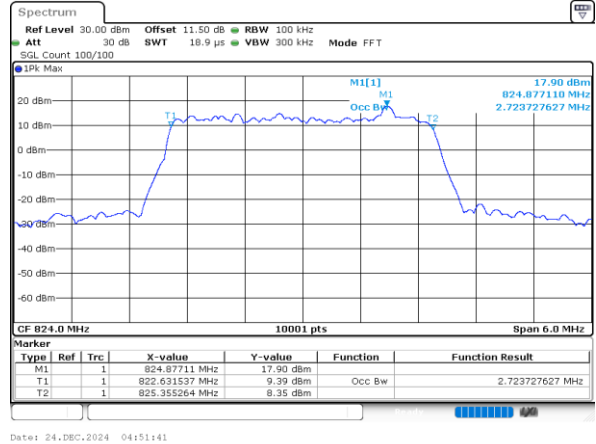


LTE Band 26

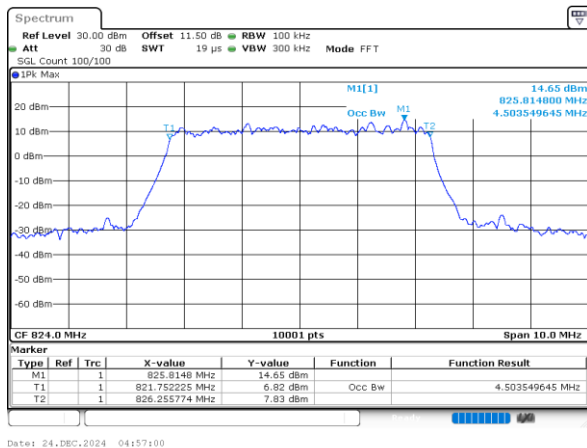
824MHz / 1.4MHz / 256QAM



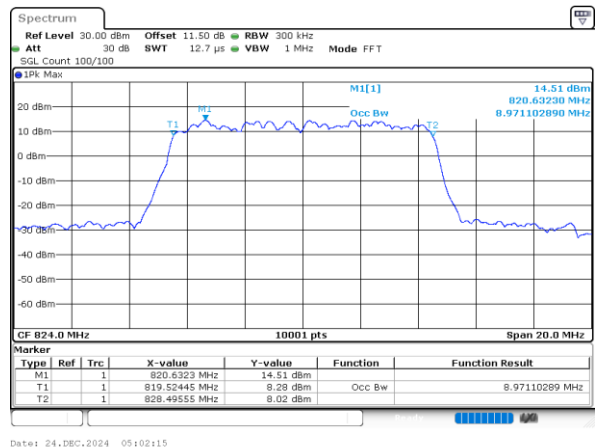
824MHz / 3MHz / 256QAM



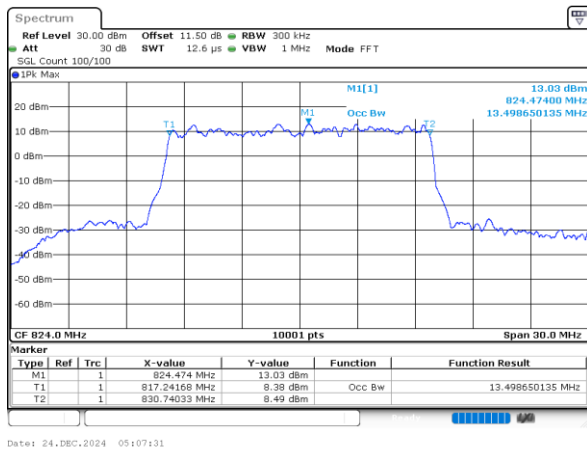
824MHz / 5MHz / 256QAM



824MHz / 10MHz / 256QAM



824MHz /15MHz / 256QAM



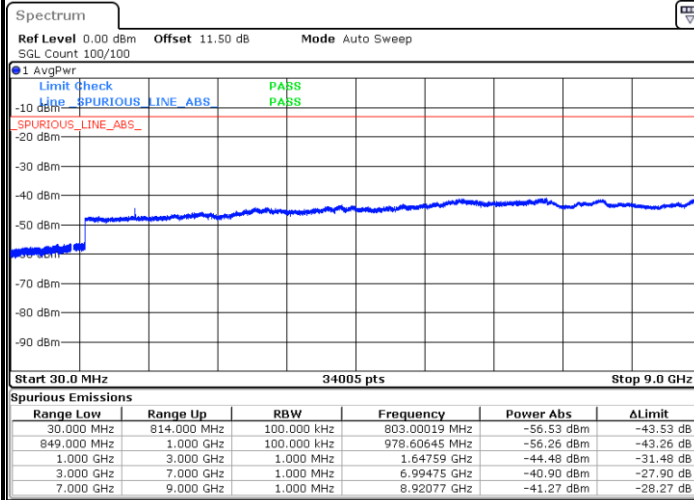
N/A



Conducted Spurious Emission

LTE Band 26 / 1.4MHz

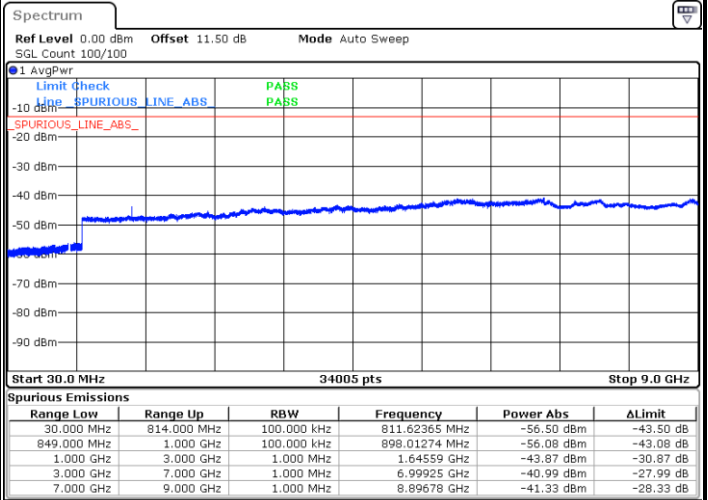
824MHz / QPSK



Date: 24.DEC.2024 04:49:42

LTE Band 26 / 3MHz

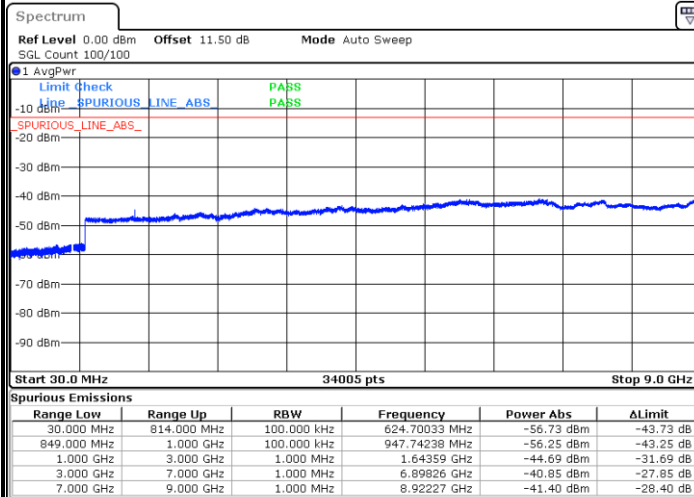
824MHz / QPSK



Date: 24.DEC.2024 04:54:57

LTE Band 26 / 5MHz

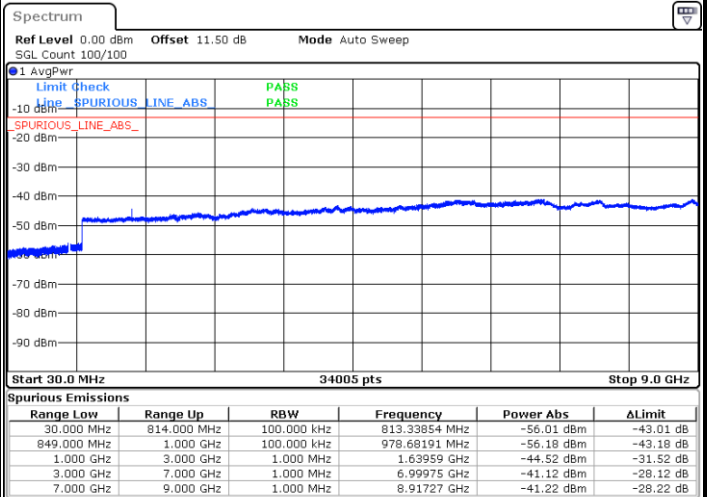
824MHz / QPSK



Date: 24.DEC.2024 05:00:16

LTE Band 26 / 10MHz

824MHz / QPSK



Date: 24.DEC.2024 05:05:31

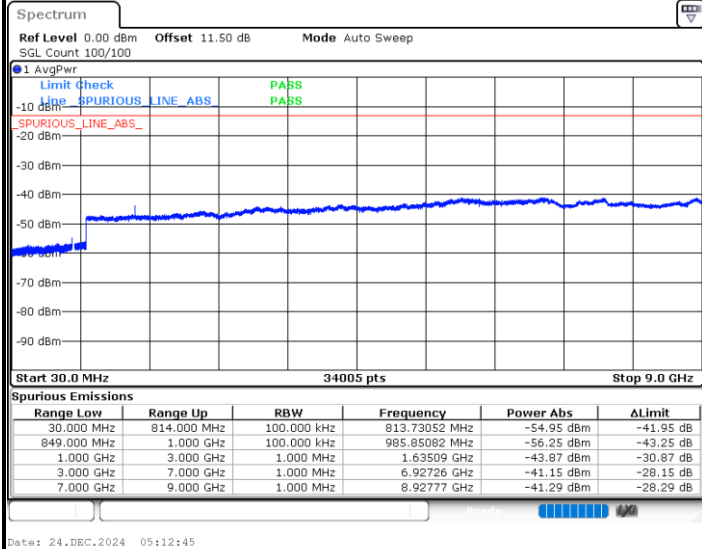


LTE Band 26 / 15MHz

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	0.0030	PASS
40	Normal Voltage	0.0101	
30	Normal Voltage	0.0079	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0063	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0141	
20	Maximum Voltage	0.0055	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0053	

Note:

1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.



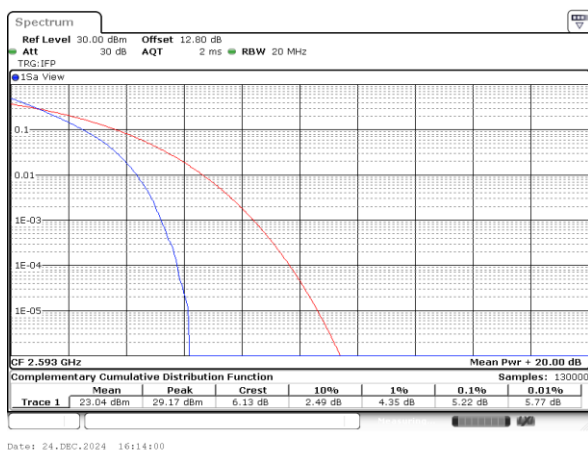
LTE Band 41

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.22	6.06	6.38	6.87	PASS

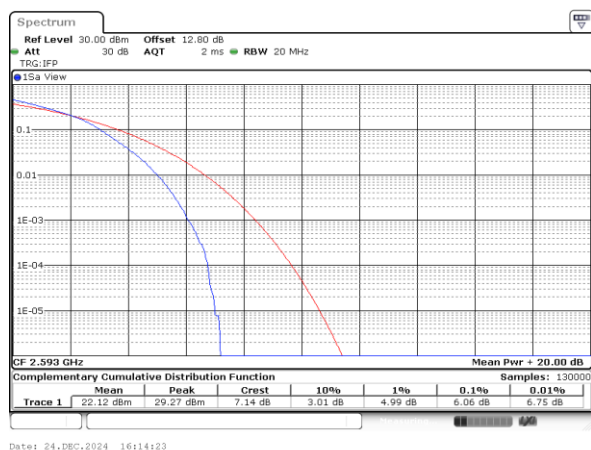
LTE Band 41 / 20MHz / QPSK

Middle Channel / Full RB



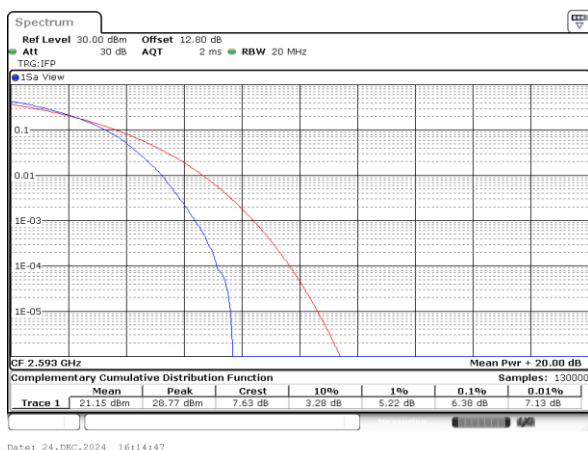
LTE Band 41 / 20MHz / 16QAM

Middle Channel / Full RB



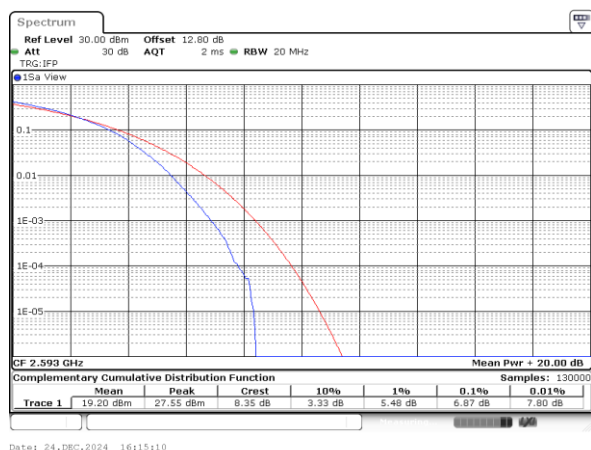
LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB



LTE Band 41 / 20MHz / 256QAM

Middle Channel / Full RB



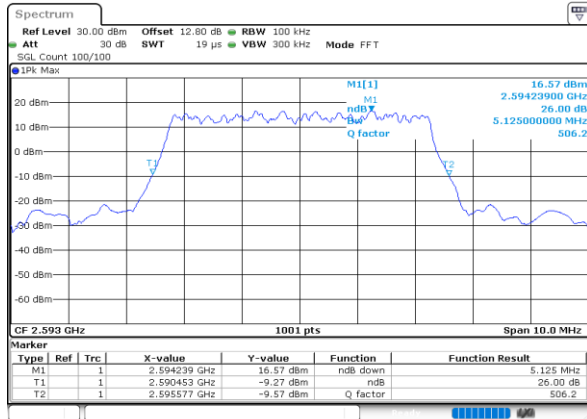
**26dB Bandwidth**

Mode	LTE Band 41 : 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	-	-	-	-	5.12	4.88	9.60	9.76	14.47	14.65	19.06	18.94
Mode	LTE Band 41 : 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	-	-	-	-	4.97	4.99	9.63	9.71	14.14	14.26	18.62	18.86

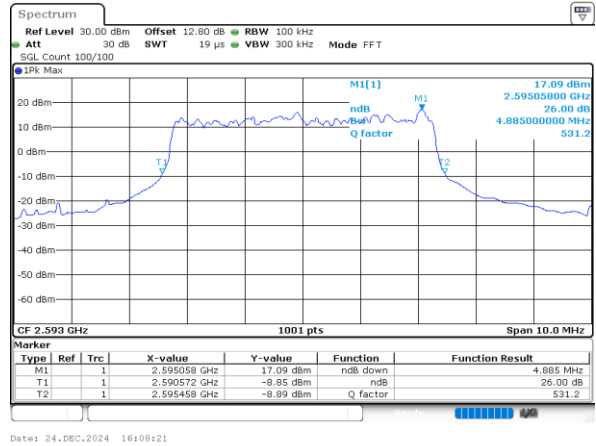


LTE Band 41

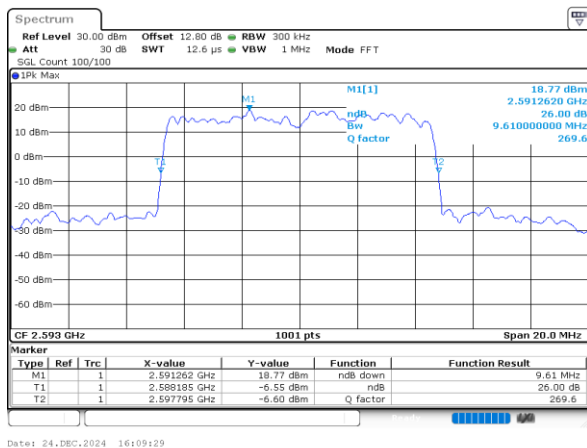
Middle Channel / 5MHz / QPSK



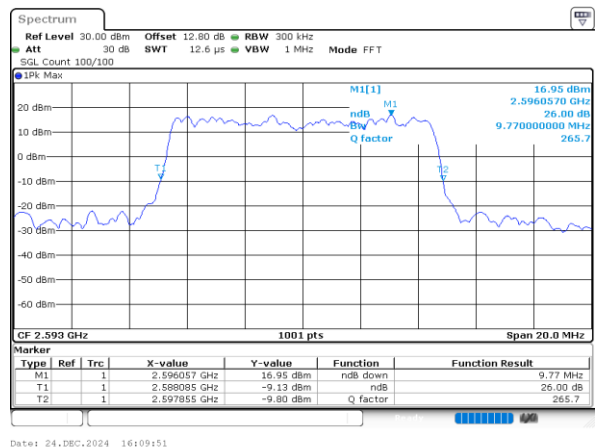
Middle Channel / 5MHz / 16QAM



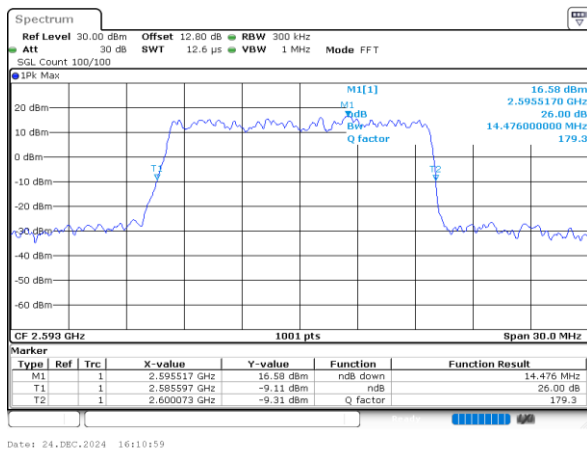
Middle Channel / 10MHz / QPSK



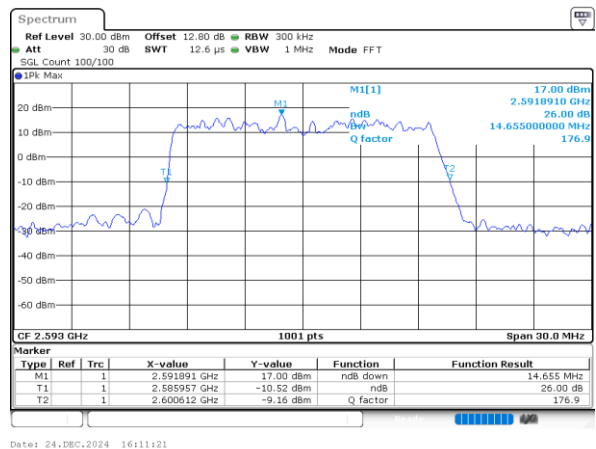
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



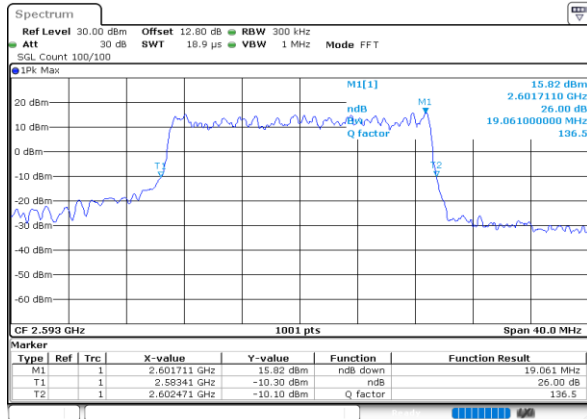
Middle Channel / 15MHz / 16QAM



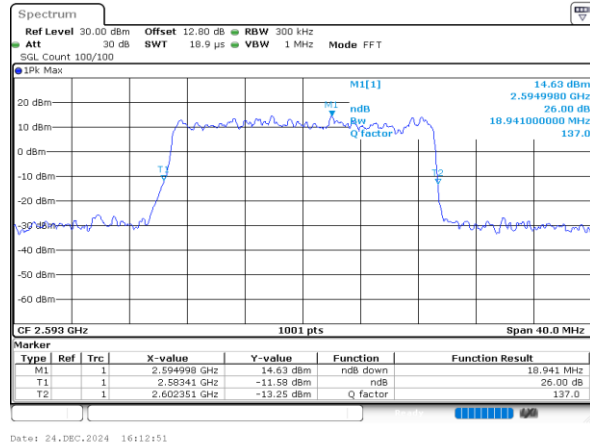


LTE Band 41

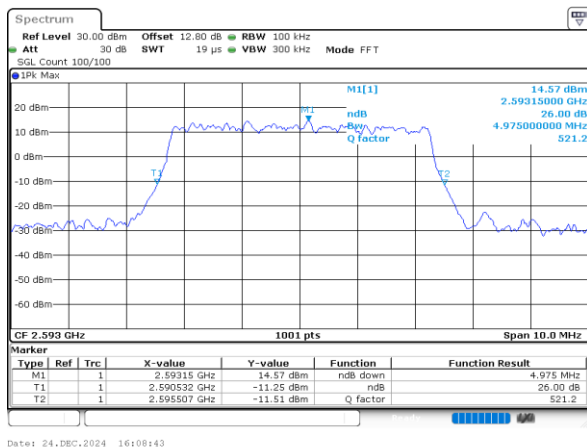
Middle Channel / 20MHz / QPSK



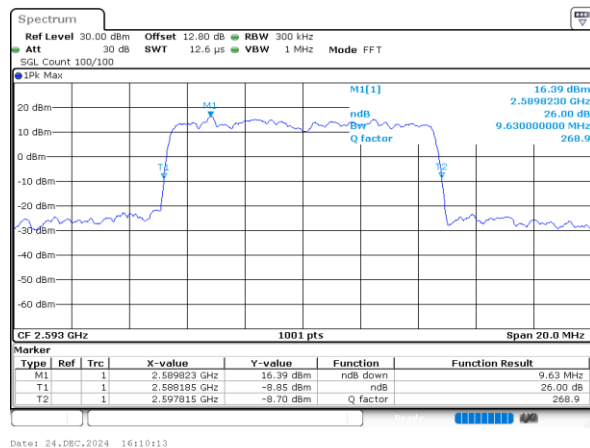
Middle Channel / 20MHz / 16QAM



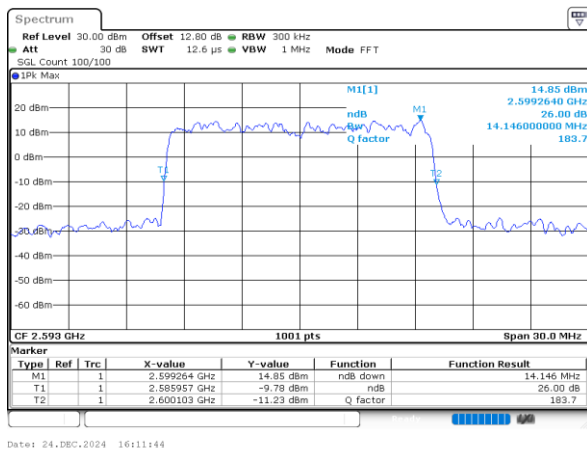
Middle Channel / 5MHz / 64QAM



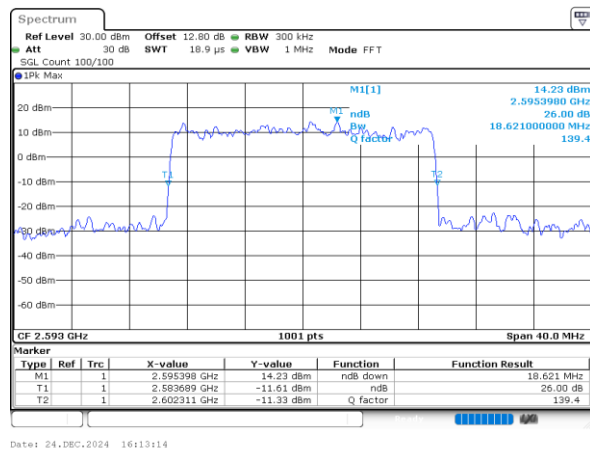
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



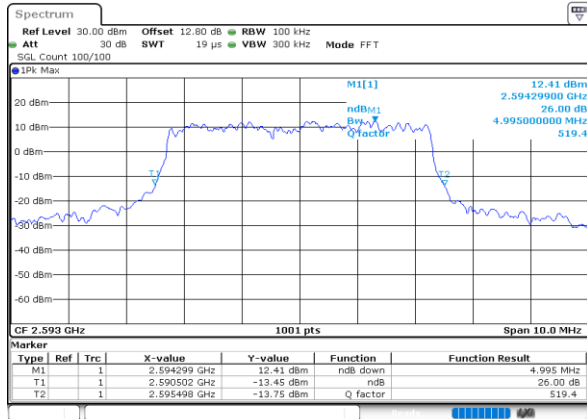
Middle Channel / 20MHz / 64QAM





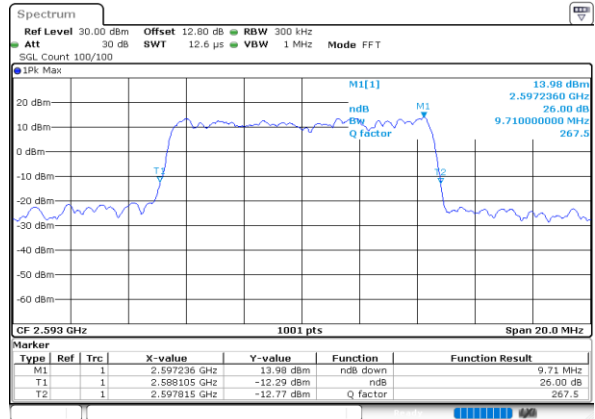
LTE Band 41

Middle Channel / 5MHz / 256QAM



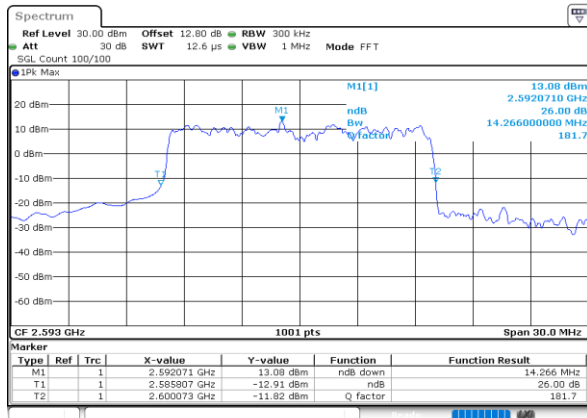
Date: 24.DEC.2024 16:09:06

Middle Channel / 10MHz / 256QAM



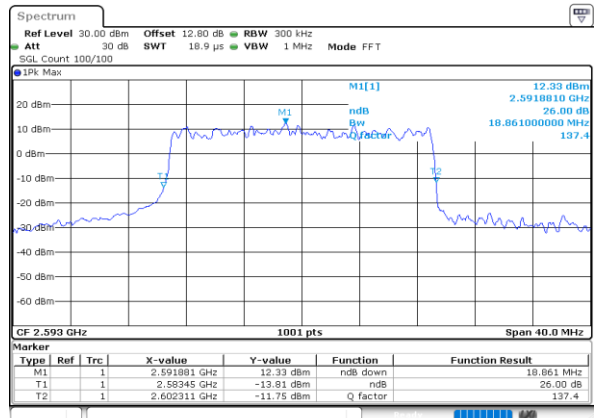
Date: 24.DEC.2024 16:10:36

Middle Channel / 15MHz / 256QAM



Date: 24.DEC.2024 16:12:06

Middle Channel / 20MHz / 256QAM



Date: 24.DEC.2024 16:13:36

**Occupied Bandwidth**

Mode	LTE Band 41 : 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	-	-	-	-	4.47	4.47	9.09	9.01	13.43	13.50	17.79	17.94
Mode	LTE Band 41 : 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	-	-	-	-	4.49	4.46	8.98	9.07	13.44	13.45	17.89	17.95