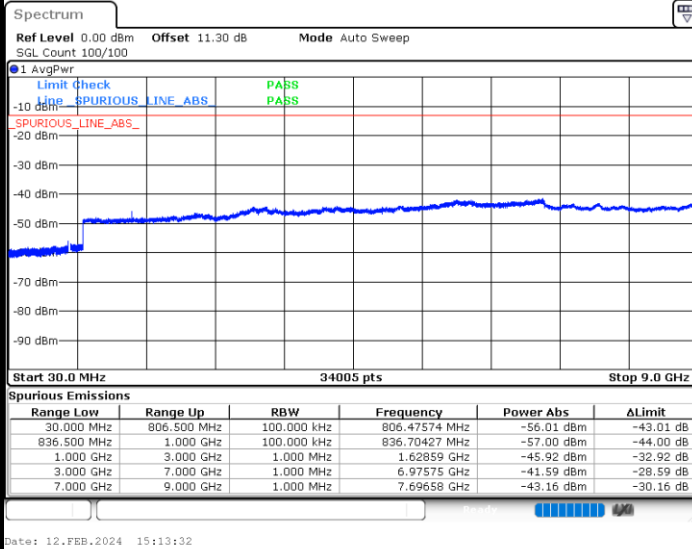


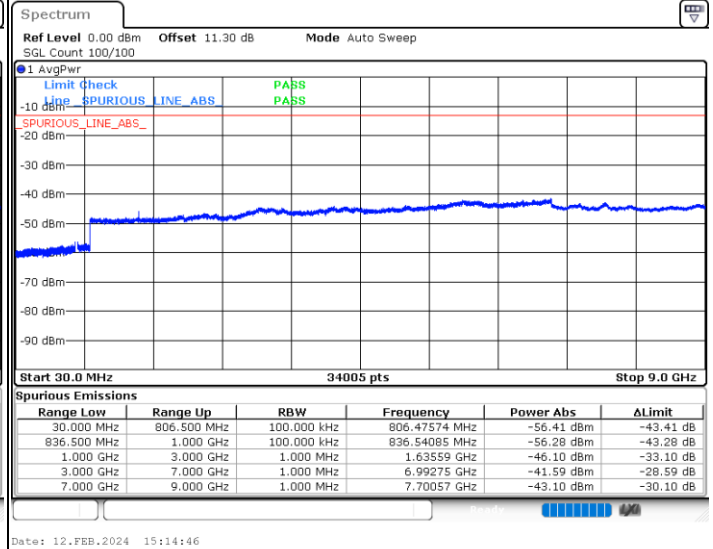


LTE Band 26 / 3MHz

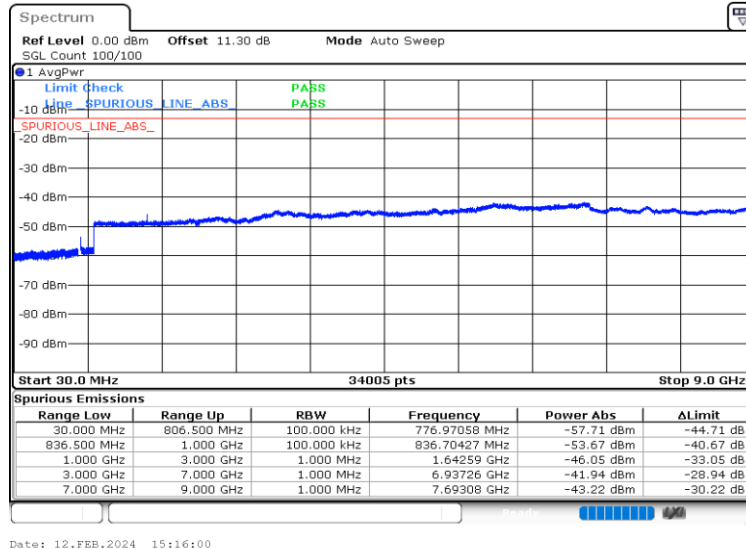
Lowest Channel / QPSK



Middle Channel / QPSK



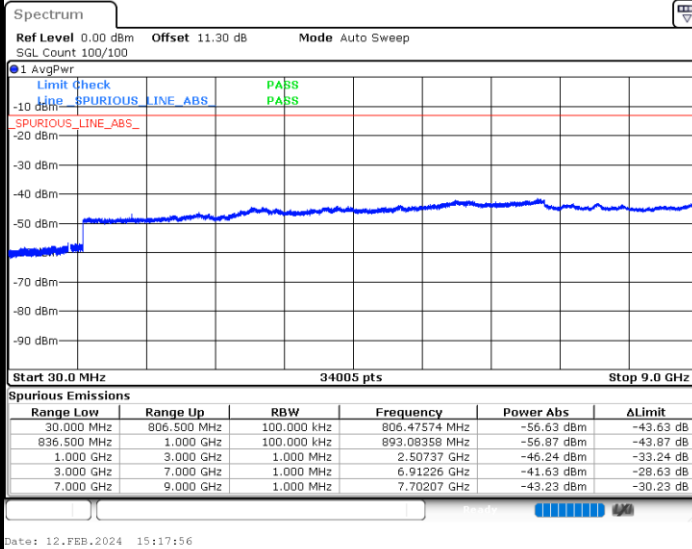
Highest Channel / QPSK



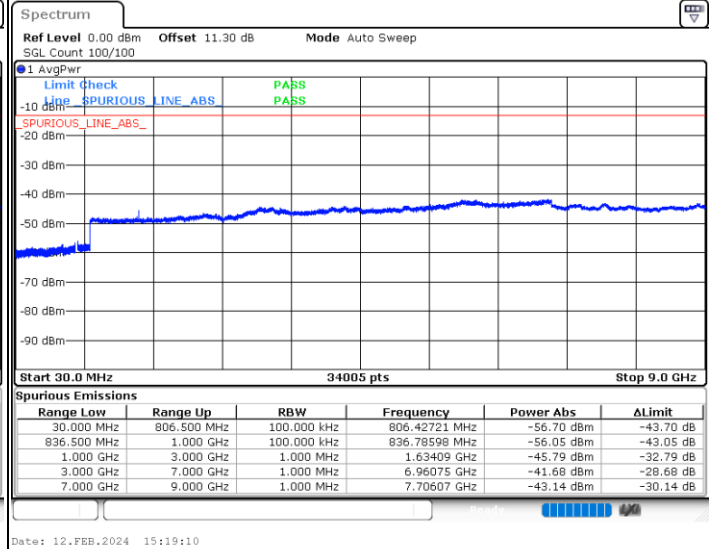


LTE Band 26 / 5MHz

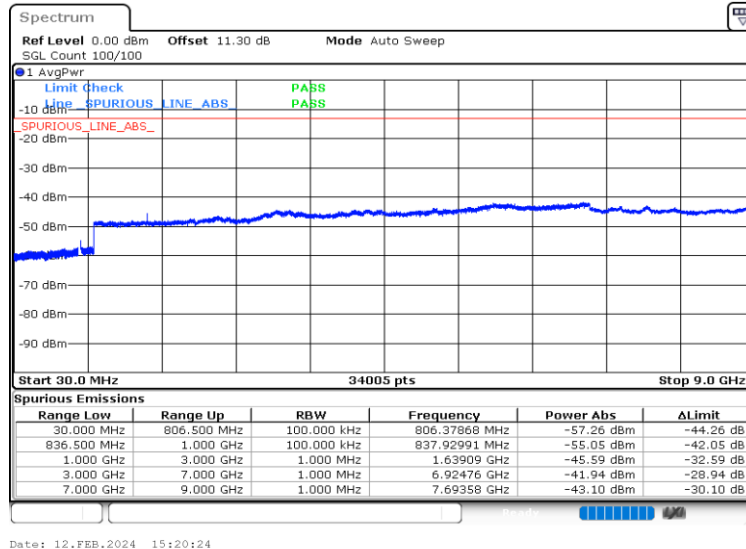
Lowest Channel / QPSK



Middle Channel / QPSK



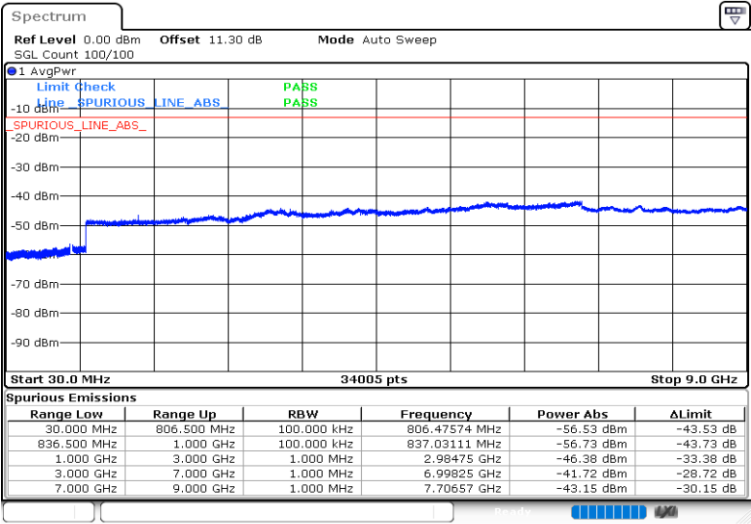
Highest Channel / QPSK





LTE Band 26 / 10MHz

Middle Channel / QPSK

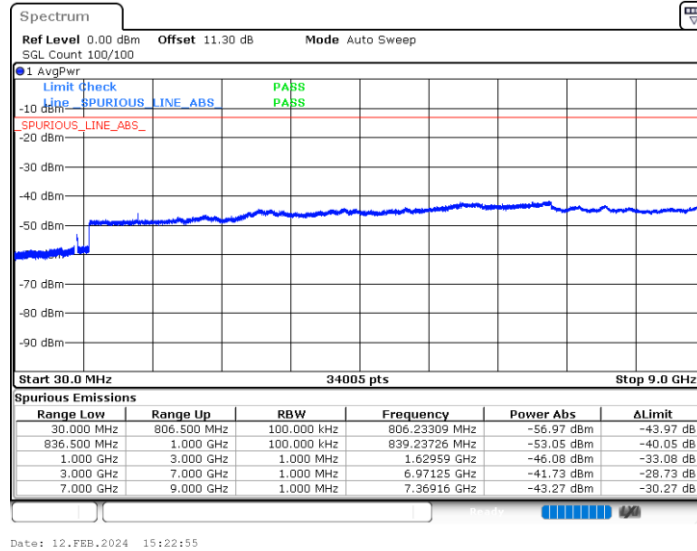


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LTE Band 26 / 15MHz

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	0.0023	PASS
40	Normal Voltage	0.0037	
30	Normal Voltage	0.0166	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0044	
-10	Normal Voltage	0.0050	
-20	Normal Voltage	0.0034	
-30	Normal Voltage	0.0127	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0023	

Note:

1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.5 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	0.0162	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0152	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0197	
-20	Normal Voltage	0.0144	
-30	Normal Voltage	0.0102	
20	Maximum Voltage	0.0173	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0178	

Note:

1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

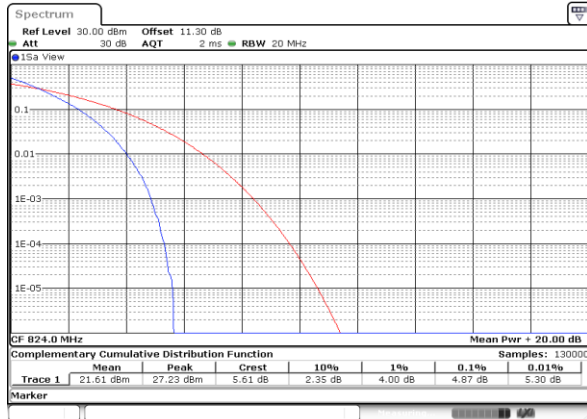
**LTE Band 26_Part 90S_824 MHz****Peak-to-Average Ratio**

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.87	5.57	5.74	5.97	PASS



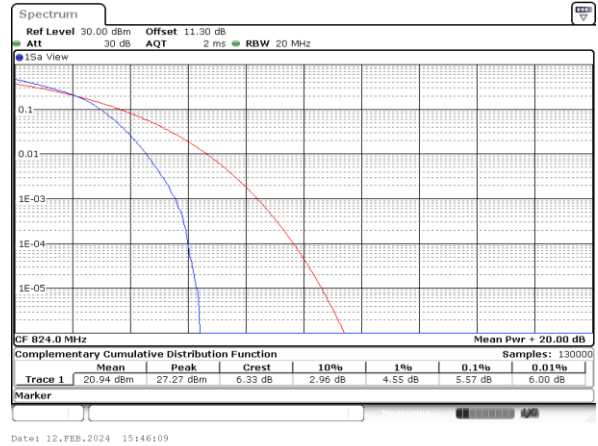
LTE Band 26 / 15MHz / QPSK

Middle Channel / Full RB



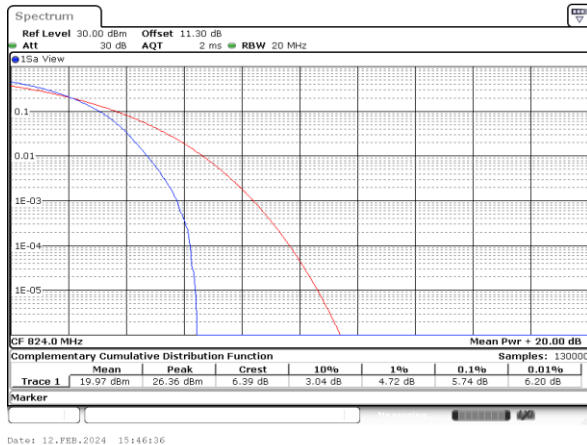
LTE Band 26 / 15MHz / 16QAM

Middle Channel / Full RB



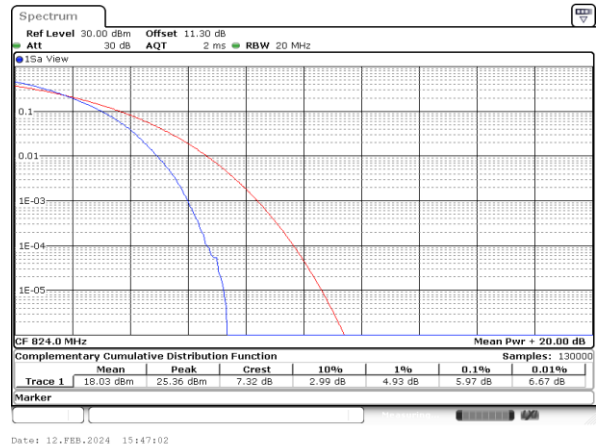
LTE Band 26 / 15MHz / 64QAM

Middle Channel / Full RB



LTE Band 26 / 15MHz / 256QAM

Middle Channel / Full RB



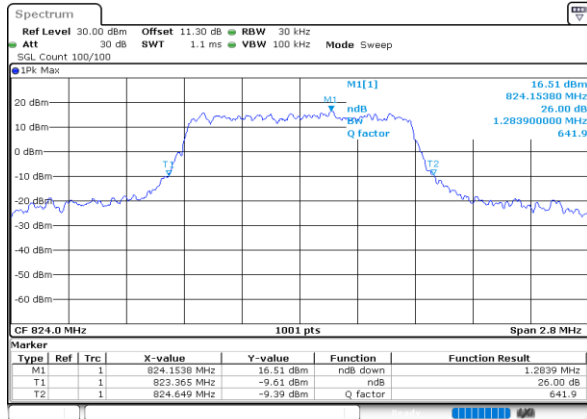
**26dB Bandwidth**

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	1.28	1.30	3.09	3.06	5.12	5.04	9.75	9.89	14.35	14.50	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.28	1.30	3.09	3.11	5.01	5.11	10.00	10.02	14.80	14.32	-	-

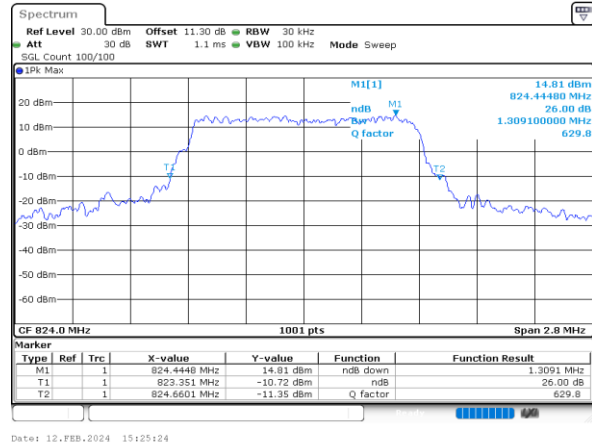


LTE Band 26

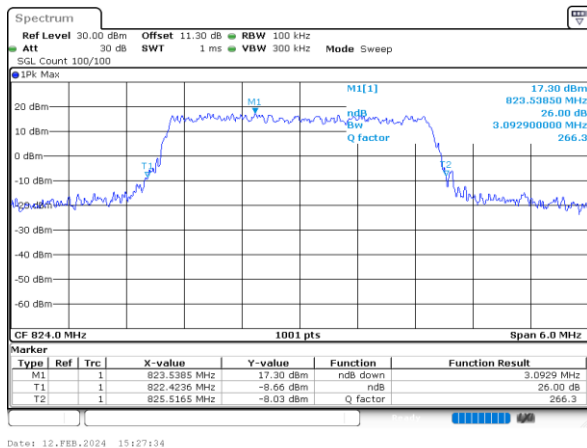
Middle Channel / 1.4MHz / QPSK



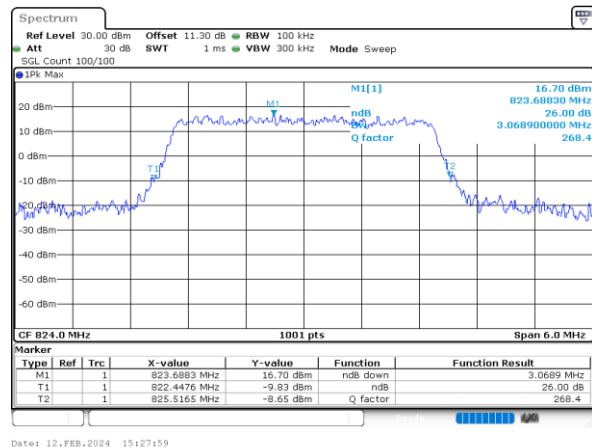
Middle Channel / 1.4MHz / 16QAM



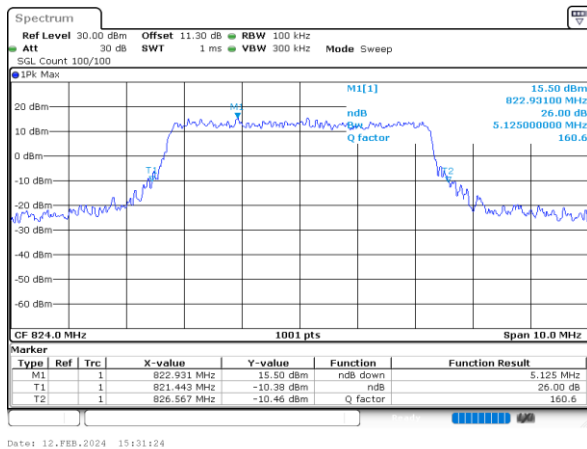
Middle Channel / 3MHz / QPSK



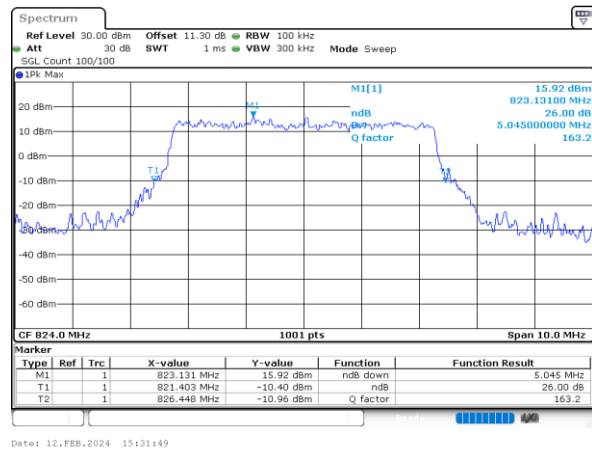
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



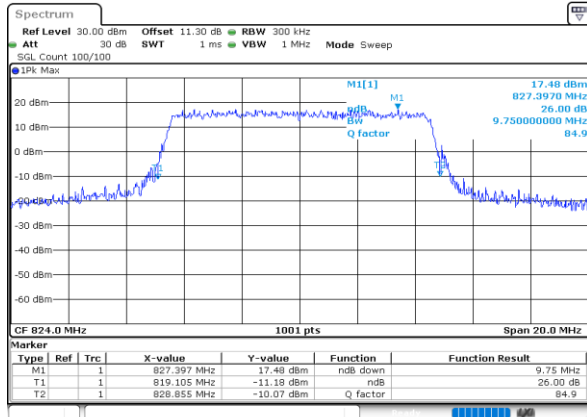
Middle Channel / 5MHz / 16QAM



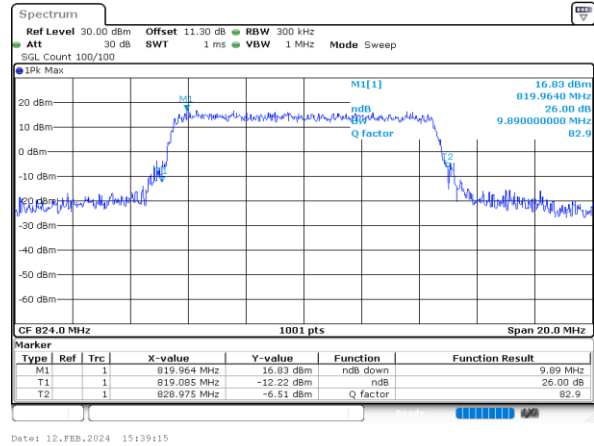


LTE Band 26

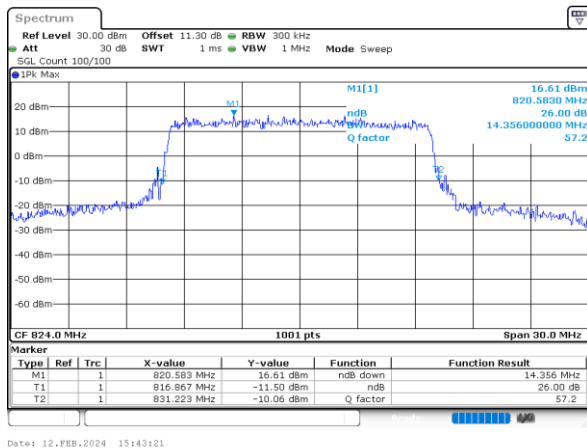
Middle Channel / 10MHz / QPSK



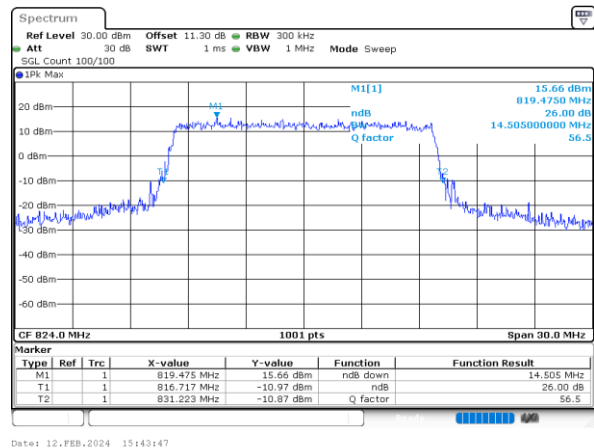
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



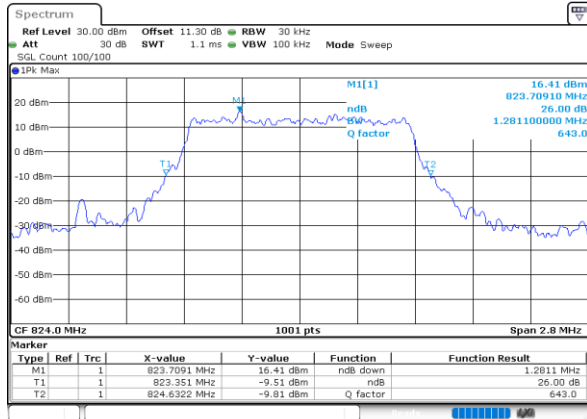
Middle Channel / 15MHz / 16QAM



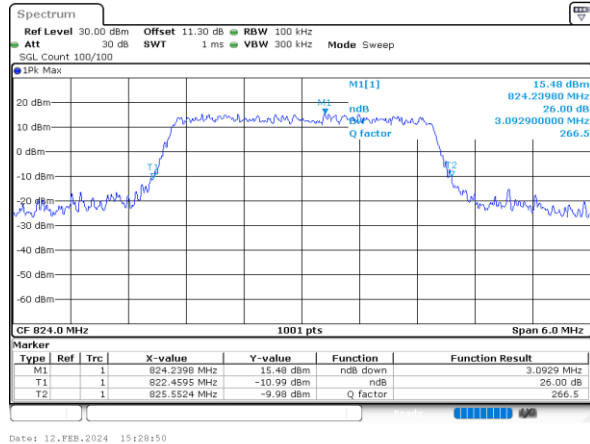


LTE Band 26

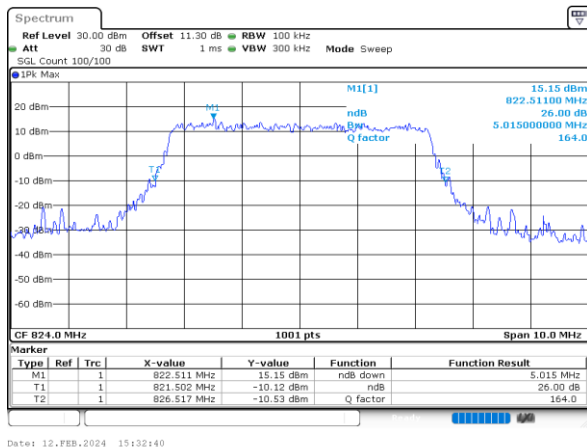
Middle Channel / 1.4MHz / 64QAM



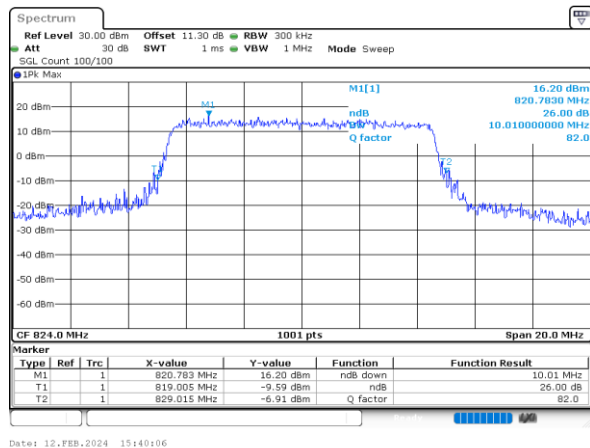
Middle Channel / 3MHz / 64QAM



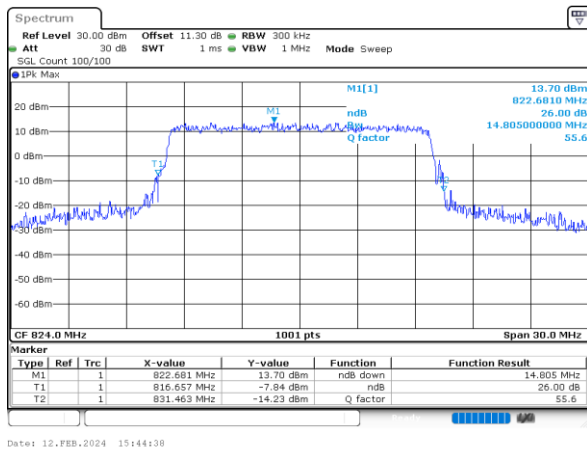
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

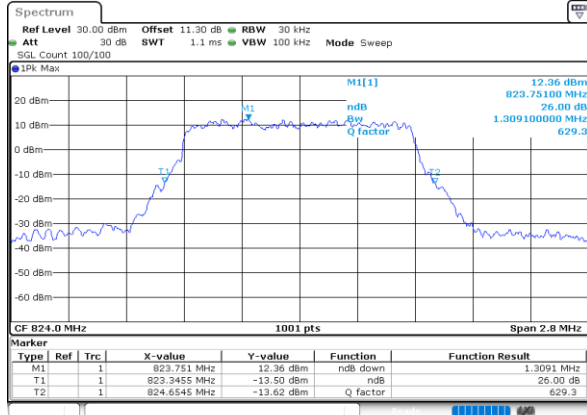


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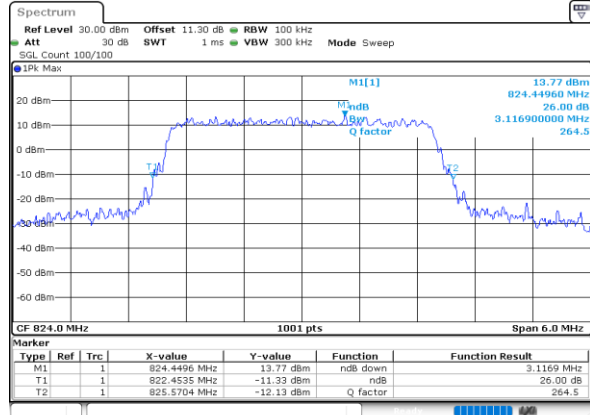


LTE Band 26

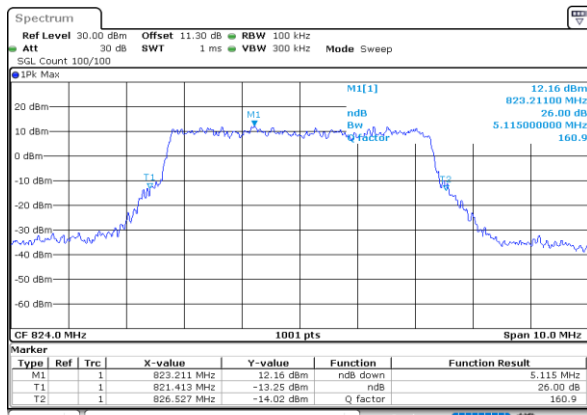
Middle Channel / 1.4MHz / 256QAM



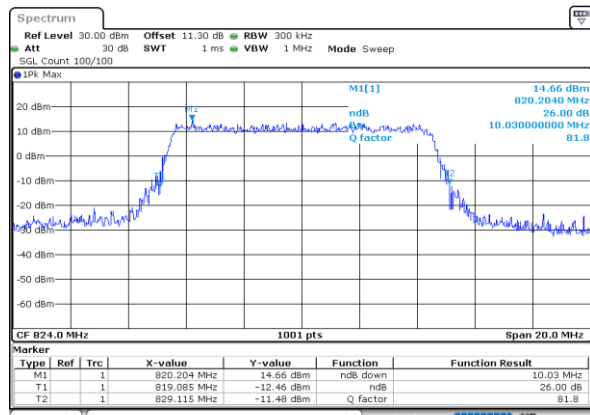
Middle Channel / 3MHz / 256QAM



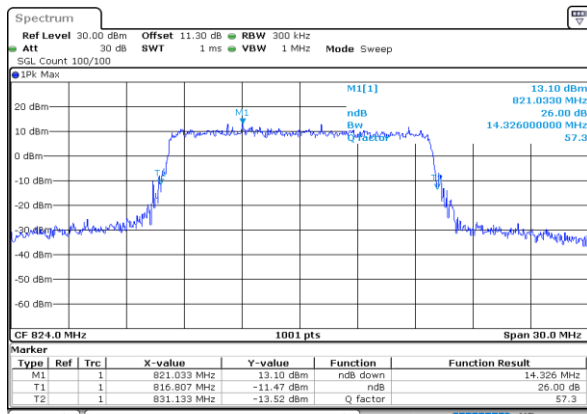
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



N/A

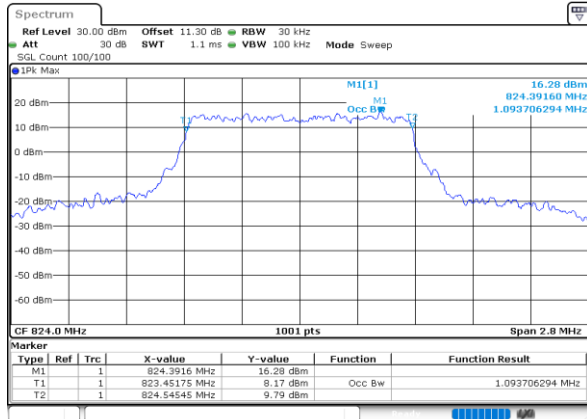
**Occupied Bandwidth**

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.10	2.73	2.74	4.50	4.49	9.07	9.03	13.45	13.45	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.10	1.09	2.72	2.71	4.50	4.50	9.07	9.07	13.45	13.48	-	-

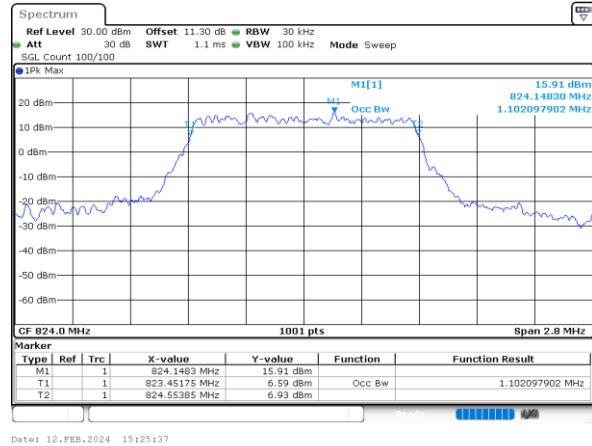


LTE Band 26

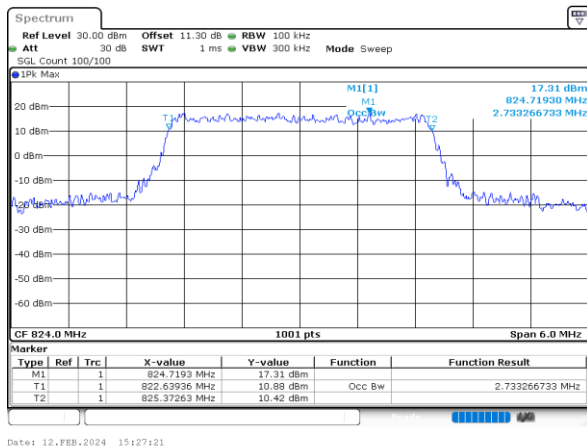
Middle Channel / 1.4MHz / QPSK



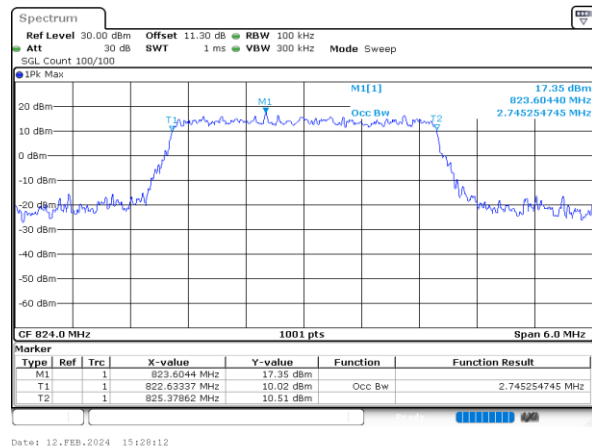
Middle Channel / 1.4MHz / 16QAM



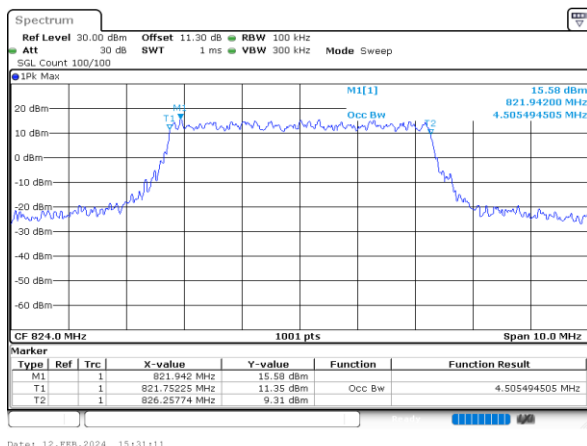
Middle Channel / 3MHz / QPSK



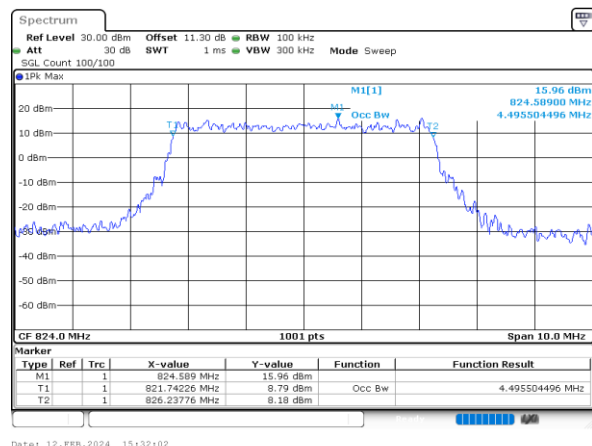
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



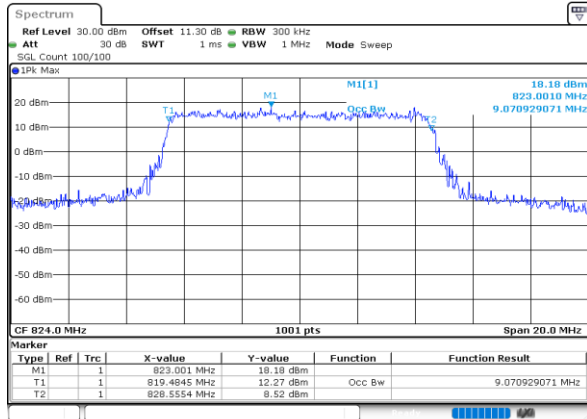
Middle Channel / 5MHz / 16QAM



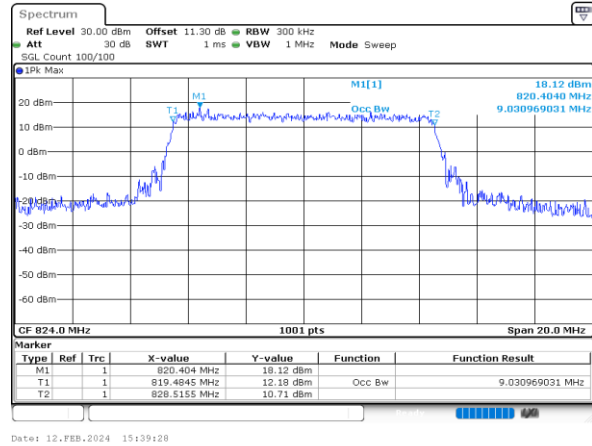


LTE Band 26

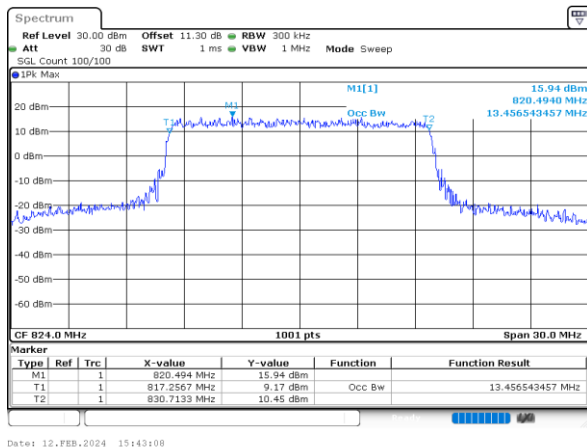
Middle Channel / 10MHz / QPSK



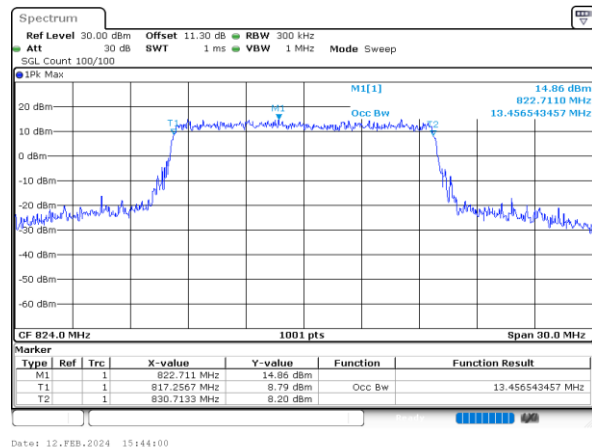
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



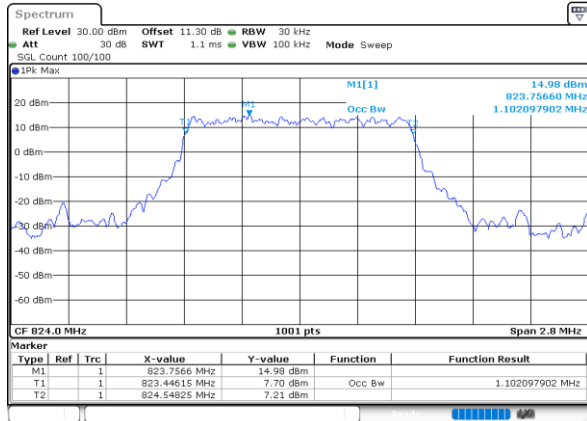
Middle Channel / 15MHz / 16QAM



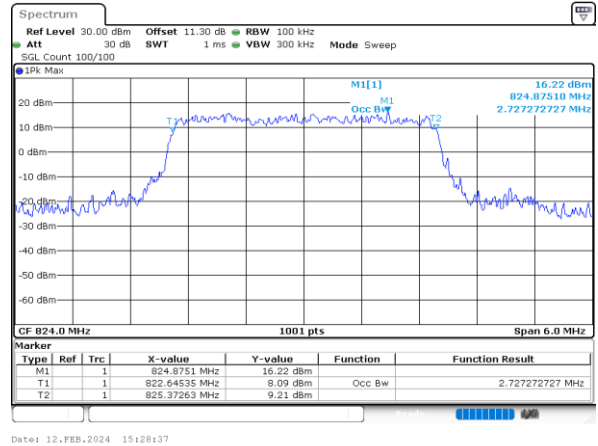


LTE Band 26

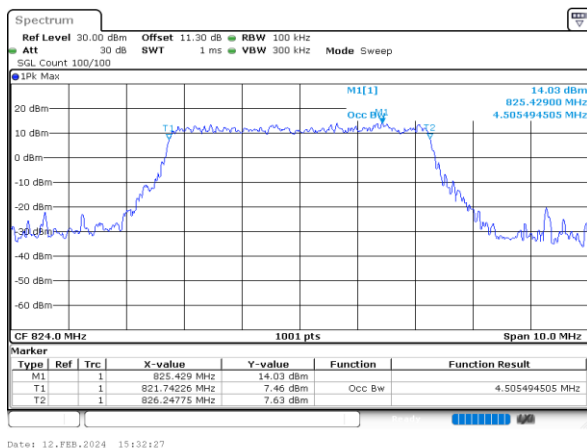
Middle Channel / 1.4MHz / 64QAM



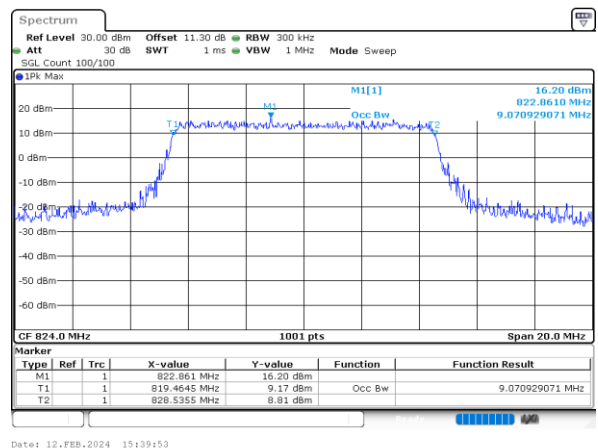
Middle Channel / 3MHz / 64QAM



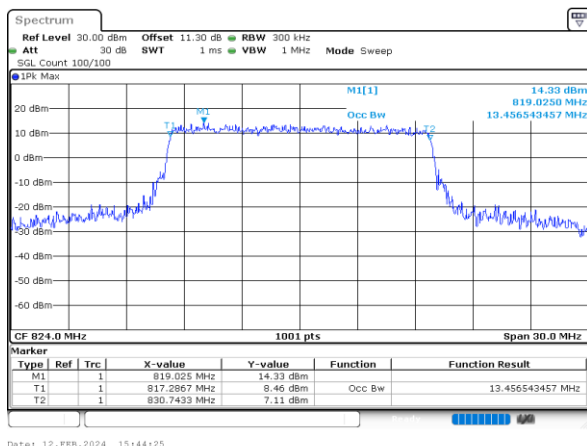
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

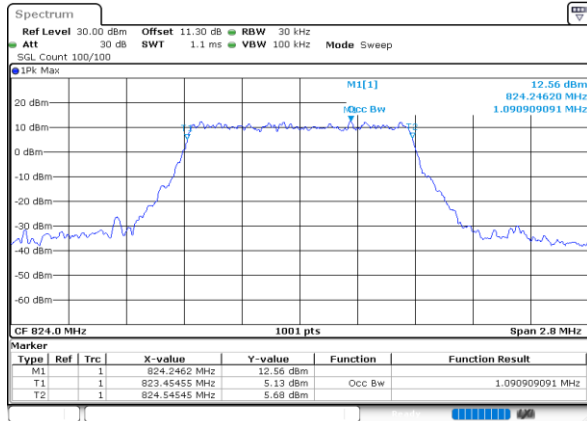


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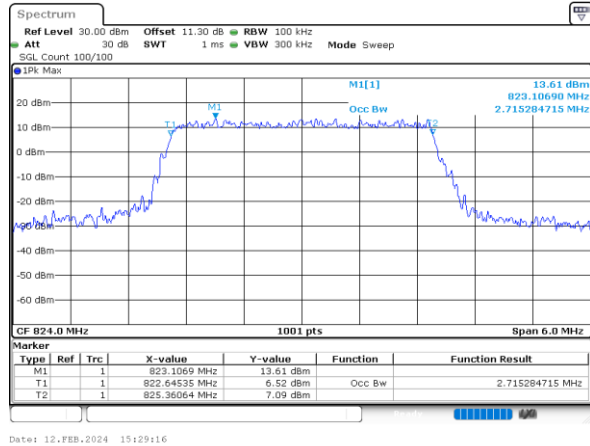


LTE Band 26

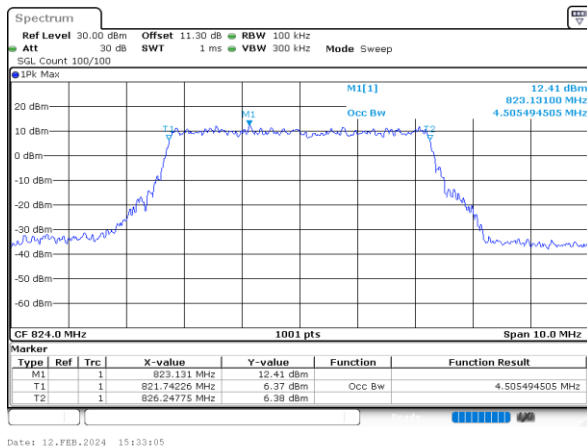
Middle Channel / 1.4MHz / 256QAM



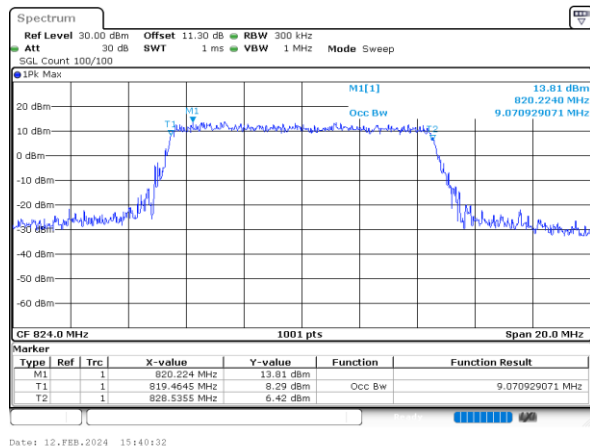
Middle Channel / 3MHz / 256QAM



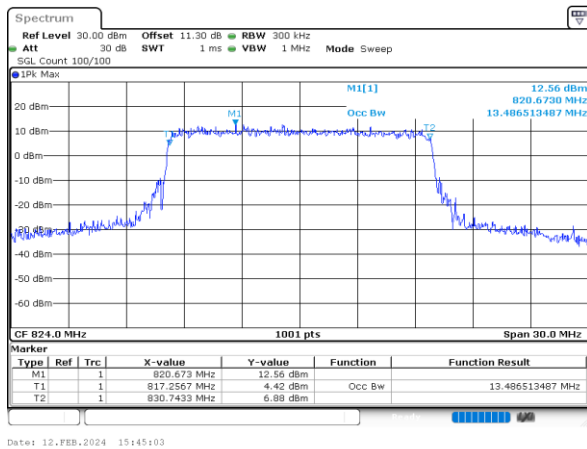
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



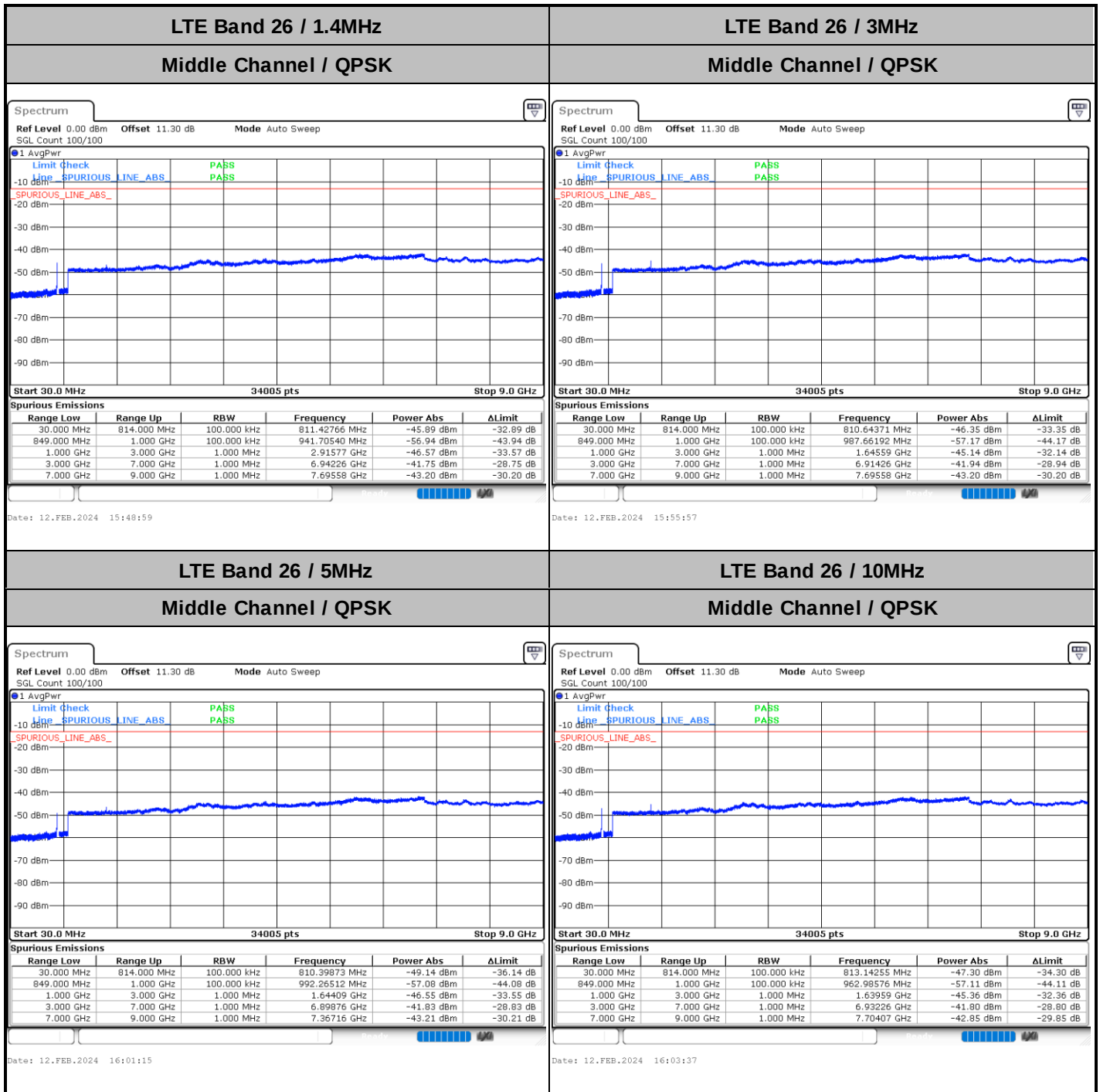
Middle Channel /15MHz / 256QAM

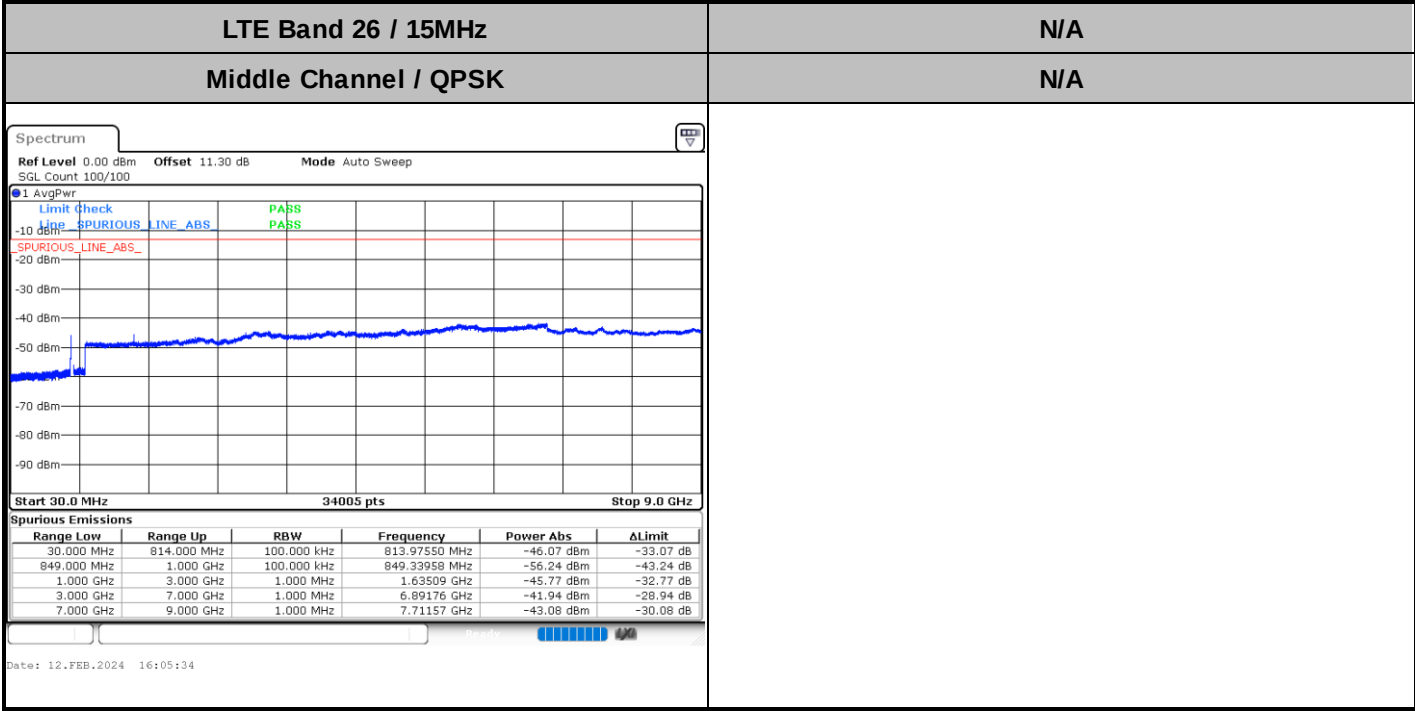


N/A



Conducted Spurious Emission





Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0037	
30	Normal Voltage	0.0166	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0044	
-10	Normal Voltage	0.0050	
-20	Normal Voltage	0.0034	
-30	Normal Voltage	0.0127	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0023	

Note:

1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

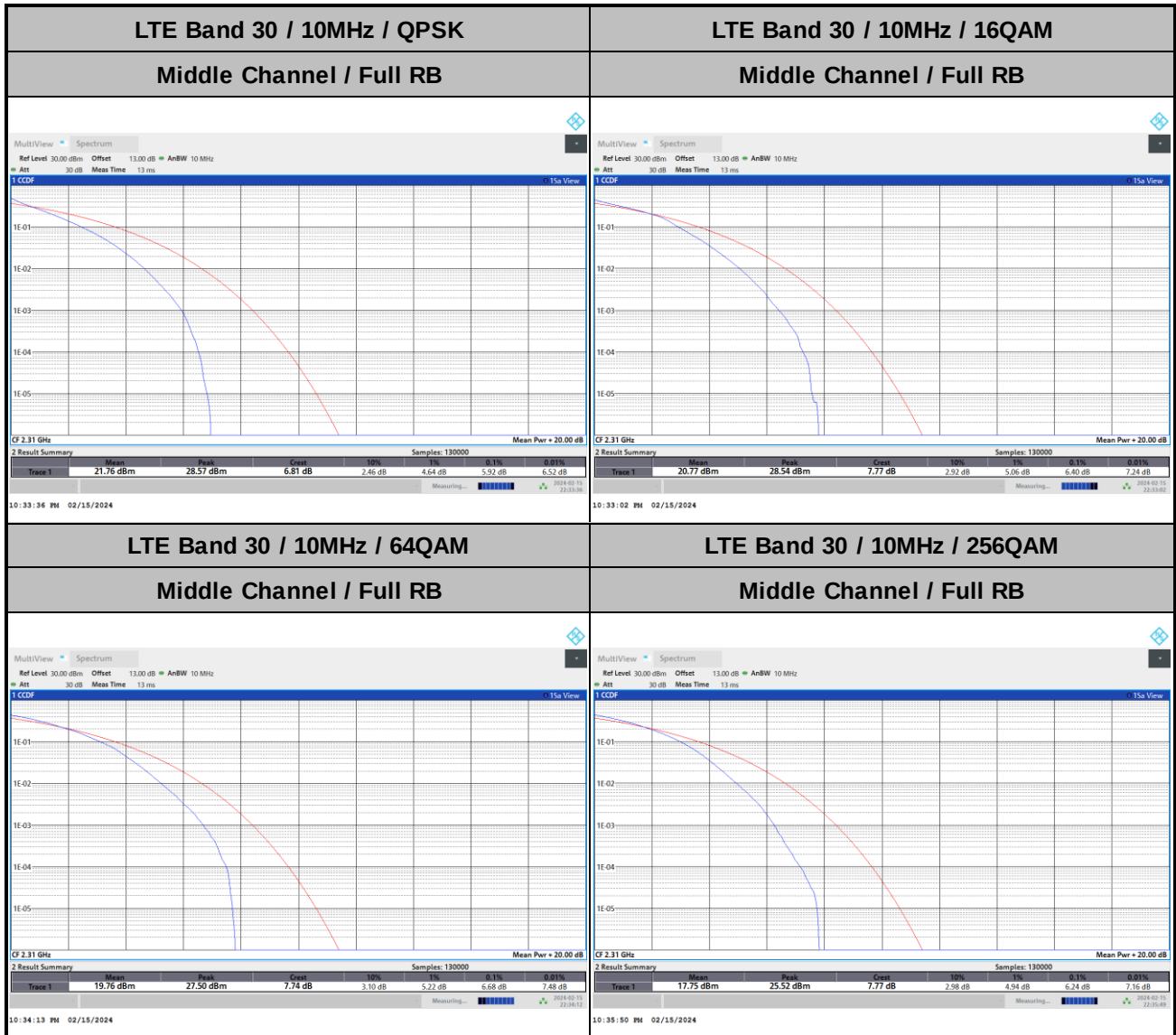
Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0141	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0055	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0127	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0132	

Note:

1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

**LTE Band 30****Peak-to-Average Ratio**

Mode	LTE Band 30 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.92	6.40	6.68	6.24	PASS



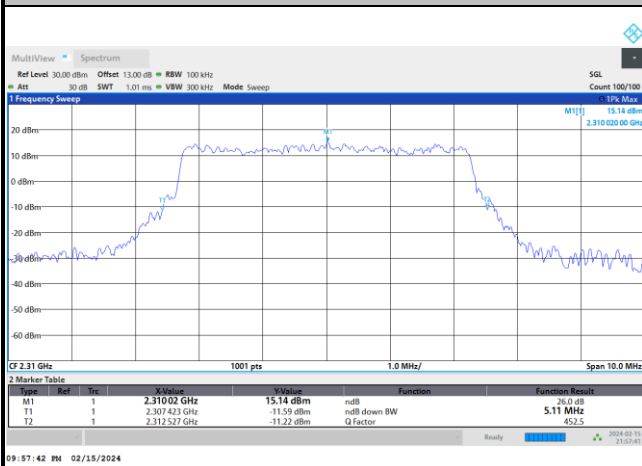
**26dB Bandwidth**

Mode	LTE Band 30 : 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	-	-	-	-	5.10	4.98	9.84	9.99	-	-	-	-
Mode	LTE Band 30 : 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	-	-	-	-	5.18	4.97	9.75	10.07	-	-	-	-

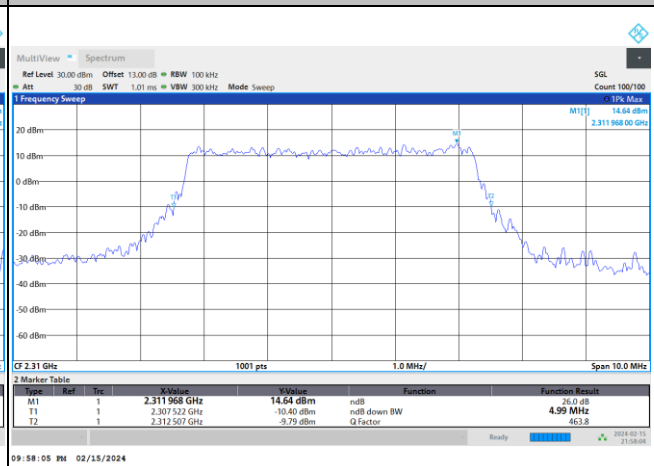


LTE Band 30

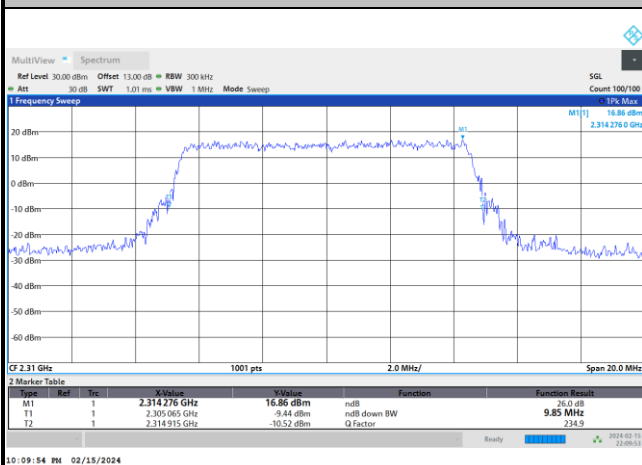
Middle Channel / 5MHz / QPSK



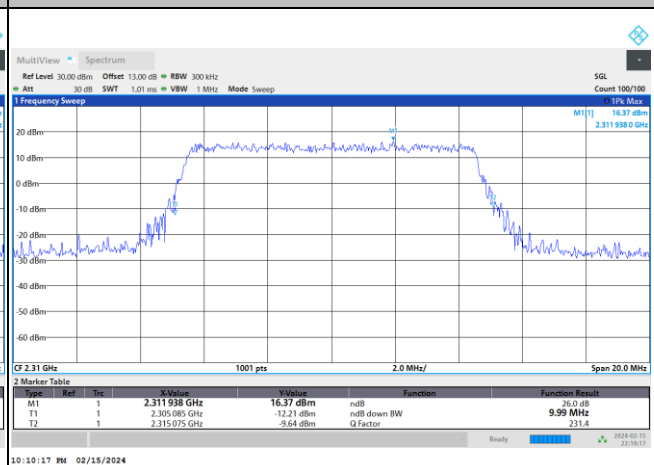
Middle Channel / 5MHz / 16QAM



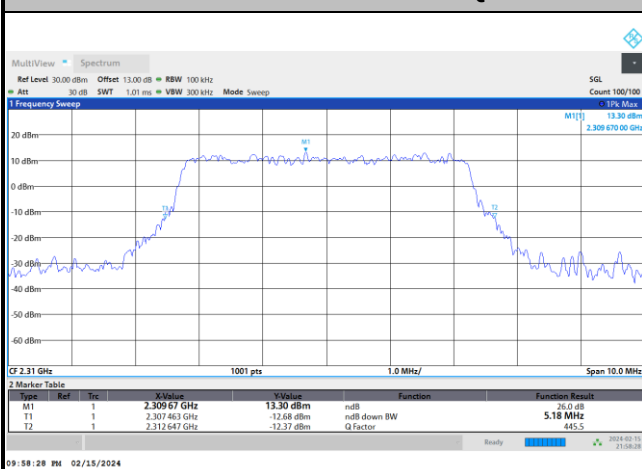
Middle Channel / 10MHz / QPSK



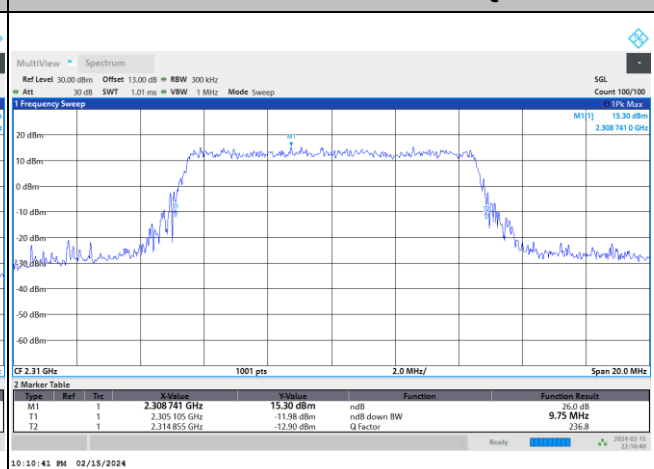
Middle Channel / 10MHz / 16QAM



Middle Channel / 5MHz / 64QAM



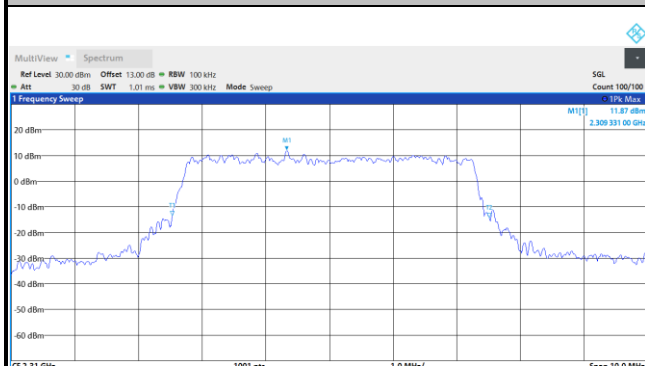
Middle Channel / 10MHz / 64QAM





LTE Band 30

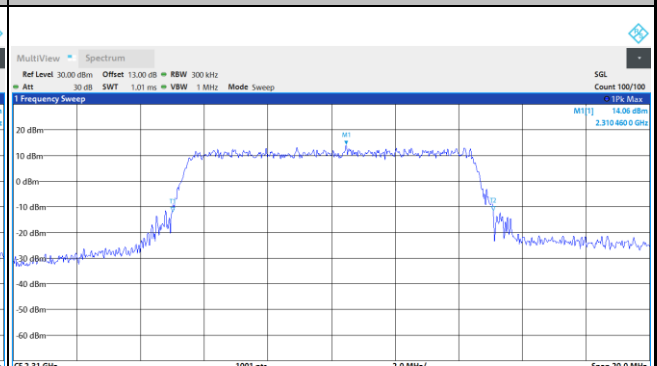
Middle Channel / 5MHz / 256QAM



2 Marker Table						
Type	Ref	Freq	VValue	Unit	Function	Function Result
M1	1	2.309331 GHz	11.87 dBm	ndB		26.0 dB
T1	1	2.307532 GHz	-13.53 dBm	ndB down BW		4.97 MHz
T2	1	2.312507 GHz	-14.17 dBm	Q Factor		464.2

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Middle Channel / 10MHz / 256QAM



2 Marker Table						
Type	Ref	Freq	VValue	Unit	Function	Function Result
M1	1	2.310460 GHz	14.06 dBm	ndB		26.0 dB
T1	1	2.305005 GHz	-11.87 dBm	ndB down BW		10.07 MHz
T2	1	2.315075 GHz	-11.48 dBm	Q Factor		229.4

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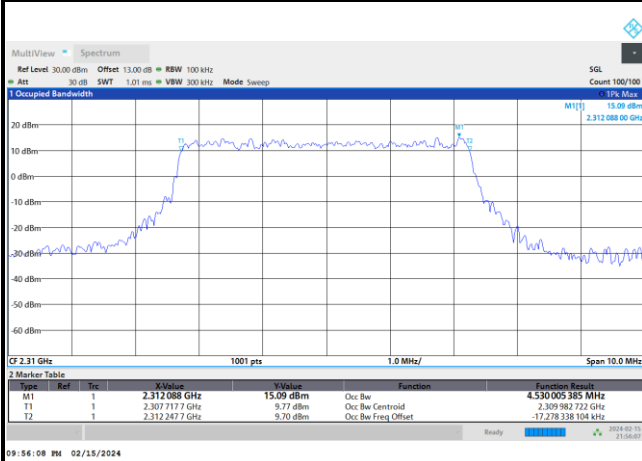
**Occupied Bandwidth**

Mode	LTE Band 30 : 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	-	-	-	-	4.53	4.49	9.09	9.04	-	-	-	-
Mode	LTE Band 30 : 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	-	-	-	-	4.51	4.52	9.09	9.05	-	-	-	-

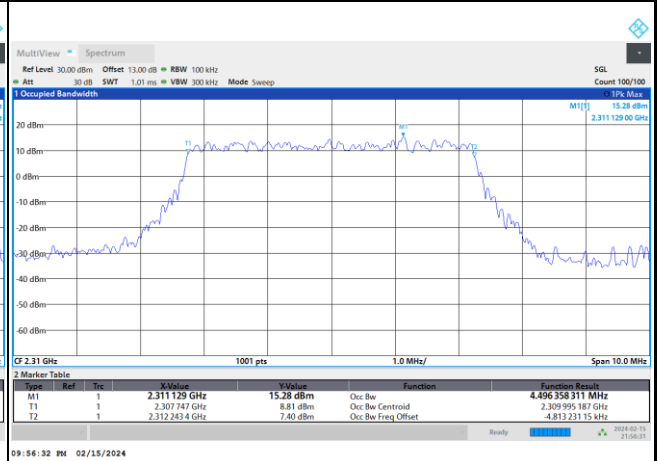


LTE Band 30

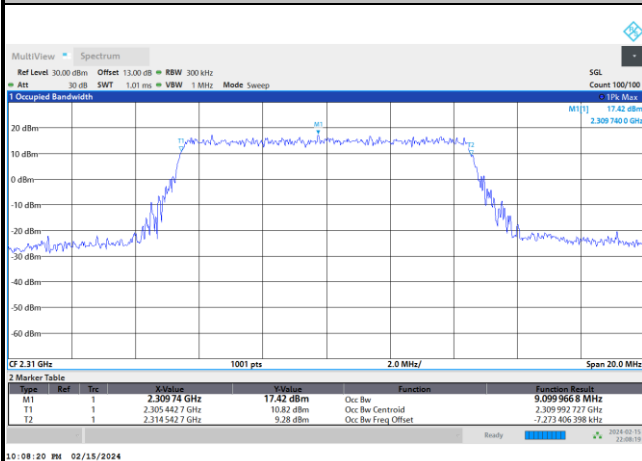
Middle Channel / 5MHz / QPSK



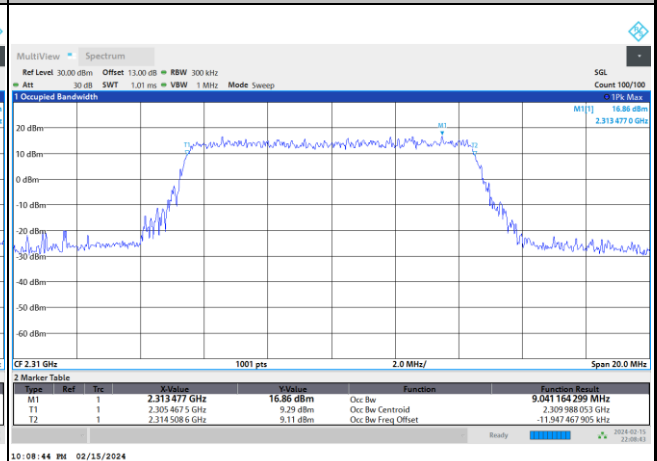
Middle Channel / 5MHz / 16QAM



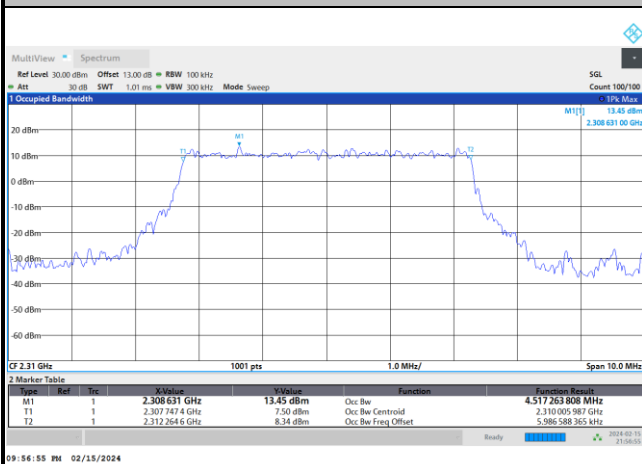
Middle Channel / 10MHz / QPSK



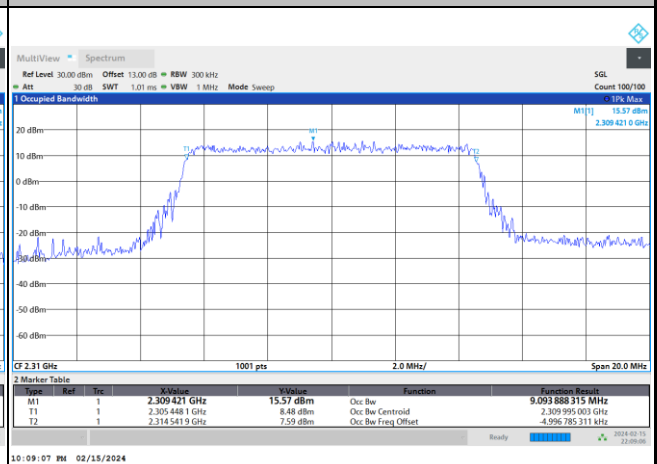
Middle Channel / 10MHz / 16QAM



Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM





LTE Band 30

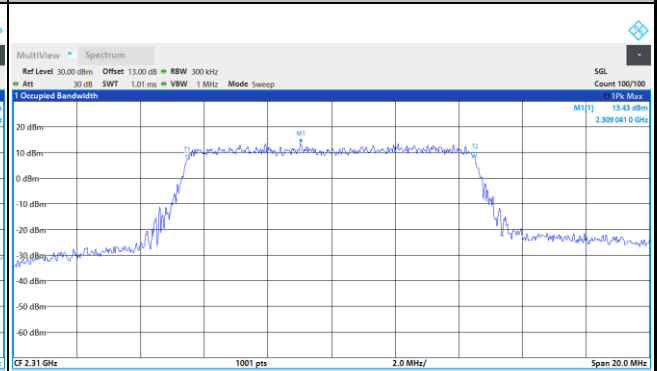
Middle Channel / 5MHz / 256QAM



2 Marker Table					Function Results				
Type	Ref	Freq	Value	Function	Type	Ref	Freq	Value	Function
M1	1	2.311199 GHz	11.31 dBm		4.526798151 MHz				
T1	1	2.3077351 GHz	4.74 dBm	Occ Bw Centroid	2.309998483 GHz				
T2	1	2.3122619 GHz	5.47 dBm	Occ Bw Freq Offset	-1.516812947 kHz				

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Middle Channel / 10MHz / 256QAM



2 Marker Table					Function Results				
Type	Ref	Freq	Value	Function	Type	Ref	Freq	Value	Function
M1	1	2.309041 GHz	13.43 dBm		9.059637964 MHz				
T1	1	2.3054623 GHz	7.22 dBm	Occ Bw Centroid	2.309992137 GHz				
T2	1	2.314522 GHz	8.41 dBm	Occ Bw Freq Offset	-7.862811447 kHz				

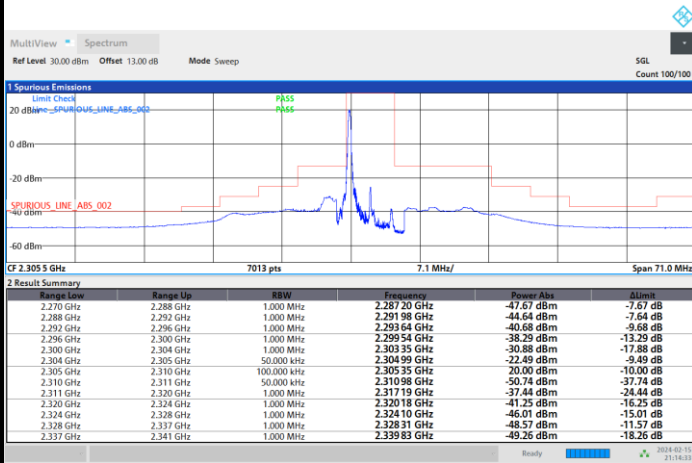
10:09:31 PM 02/15/2024



Conducted Band Edge

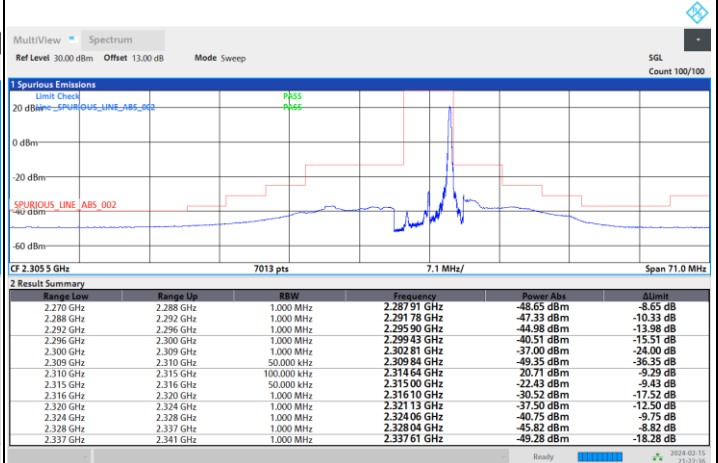
LTE Band 30 / 5MHz / QPSK

Lowest Band Edge / 1 RB



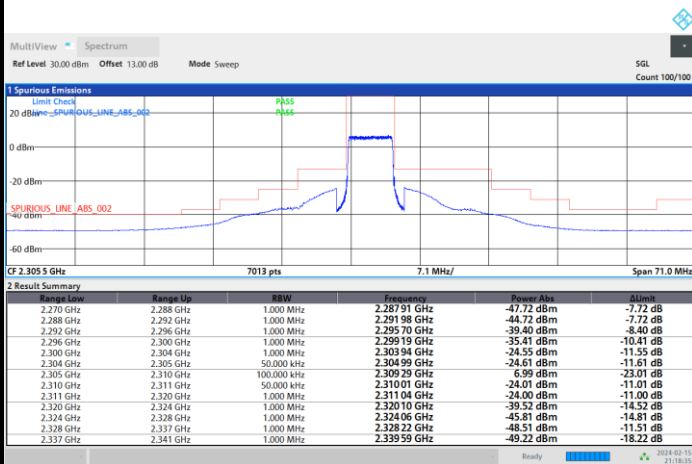
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Highest Band Edge / 1 RB



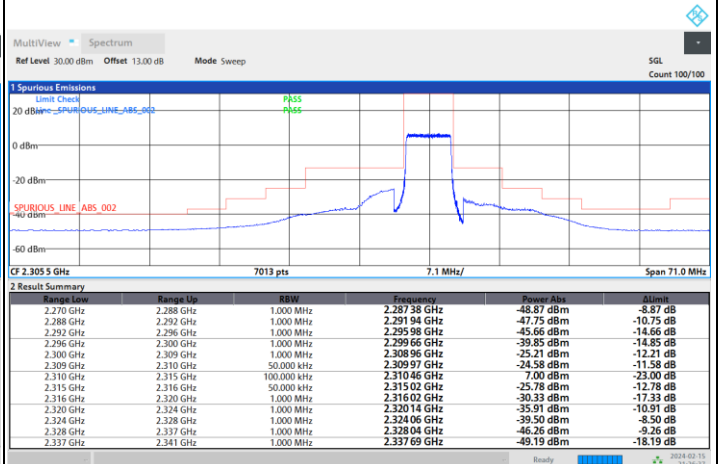
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Lowest Band Edge / Full RB



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Highest Band Edge / Full RB



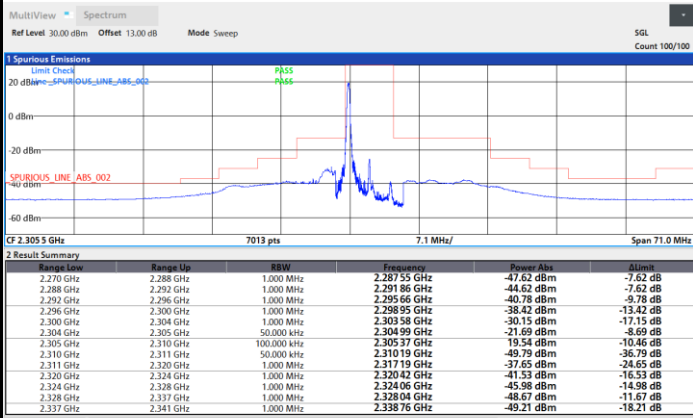
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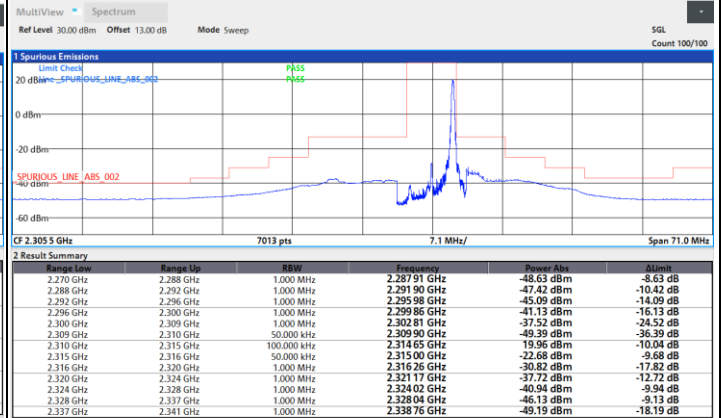
LTE Band 30 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



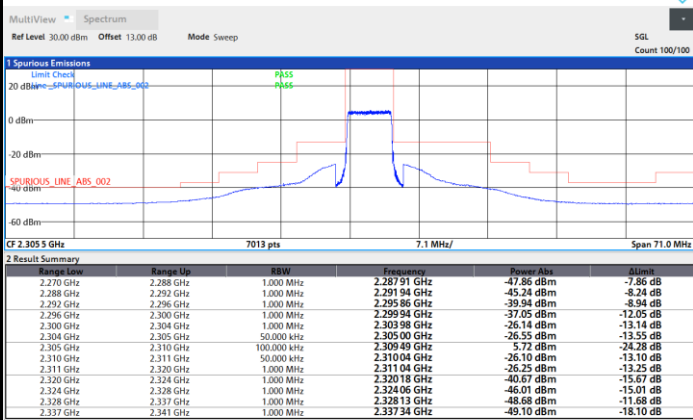
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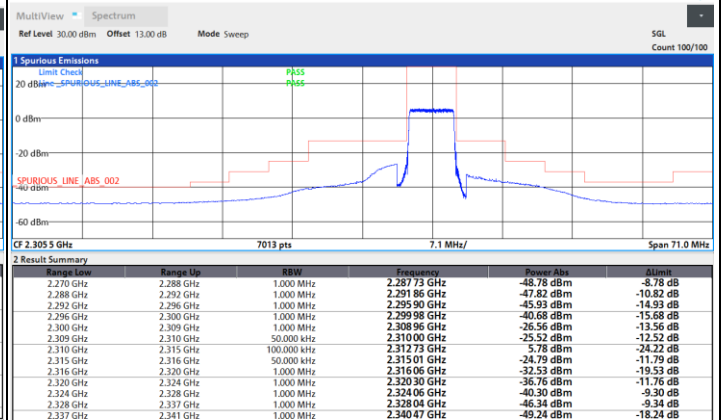
09:23:37 PM 02/15/2024

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



09:19:35 PM 02/15/2024

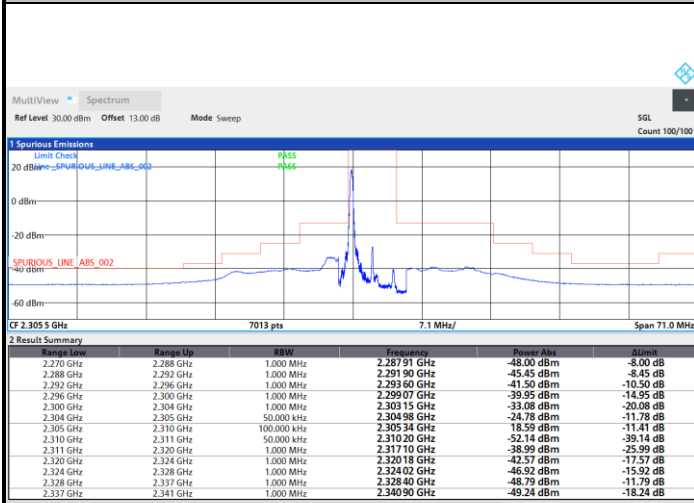


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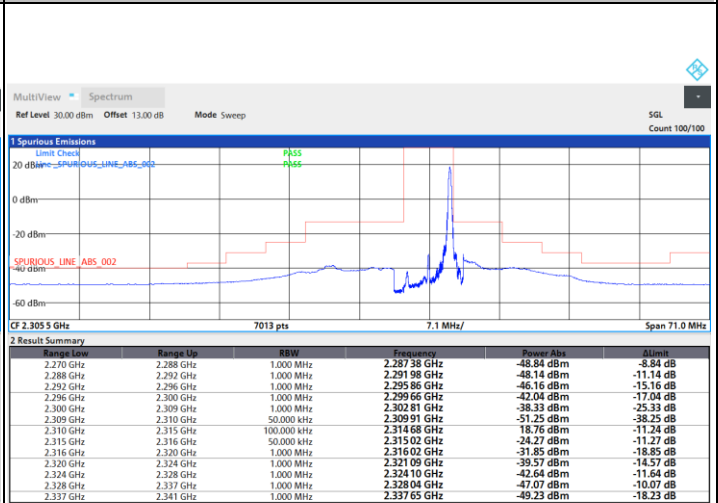
LTE Band 30 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



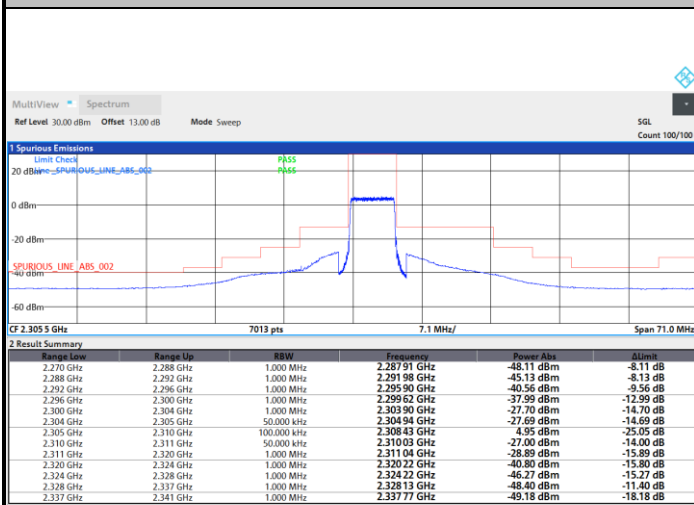
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Highest Band Edge / 1 RB



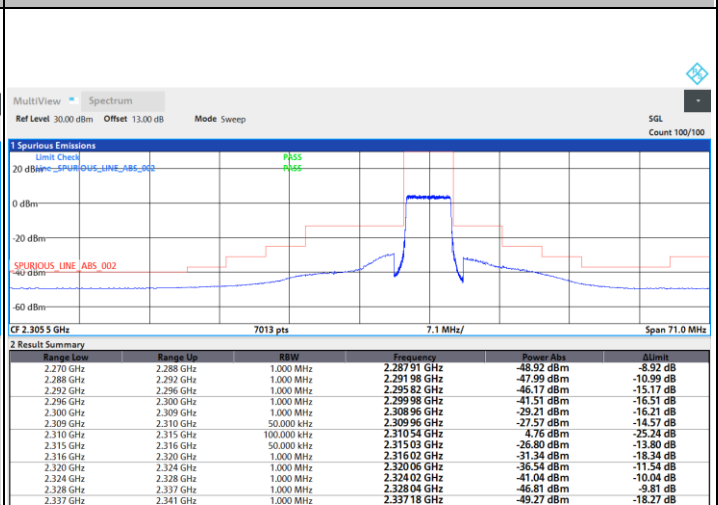
09:24:37 PM 02/15/2024

Lowest Band Edge / Full RB



09:20:35 PM 02/15/2024

Highest Band Edge / Full RB

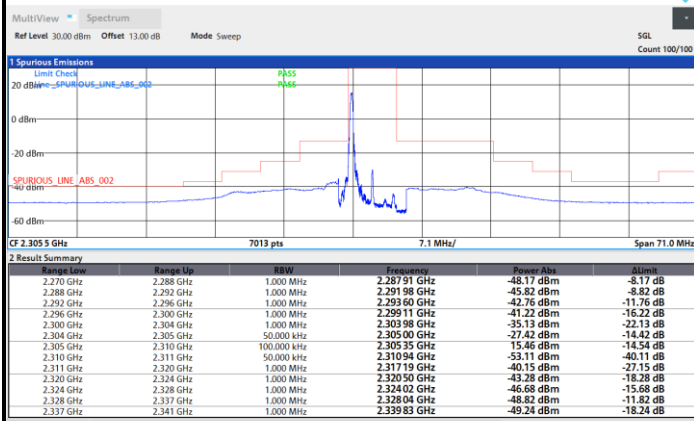


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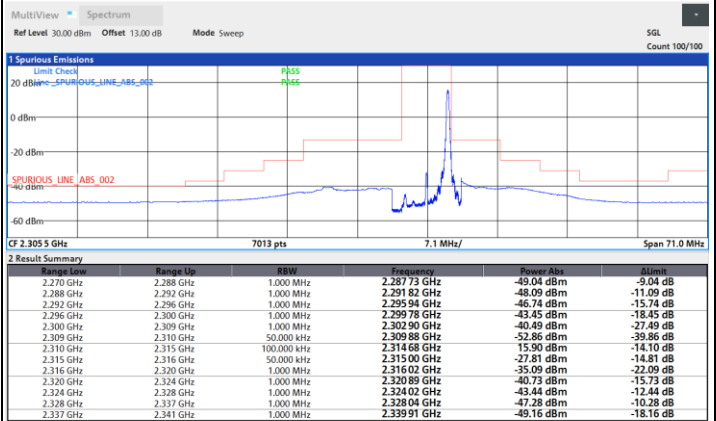
LTE Band 30 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



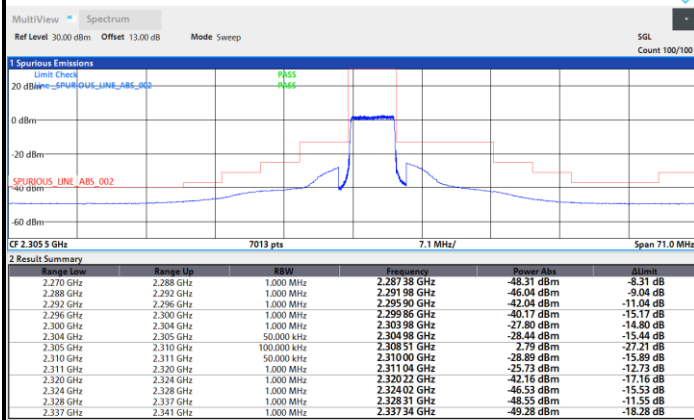
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Highest Band Edge / 1 RB



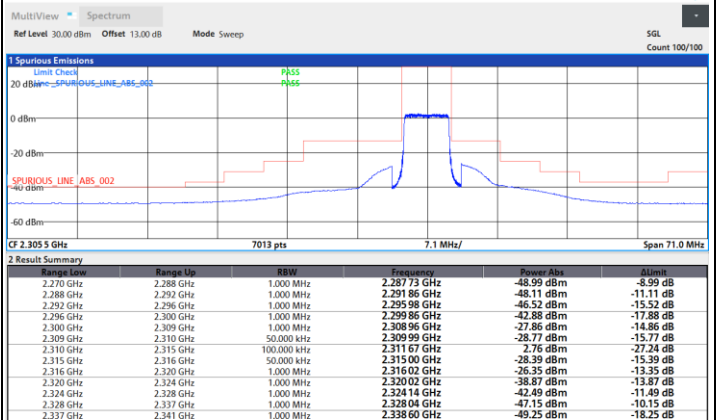
09:25:37 PM 02/15/2024

Lowest Band Edge / Full RB



09:21:35 PM 02/15/2024

Highest Band Edge / Full RB



09:29:37 PM 02/15/2024