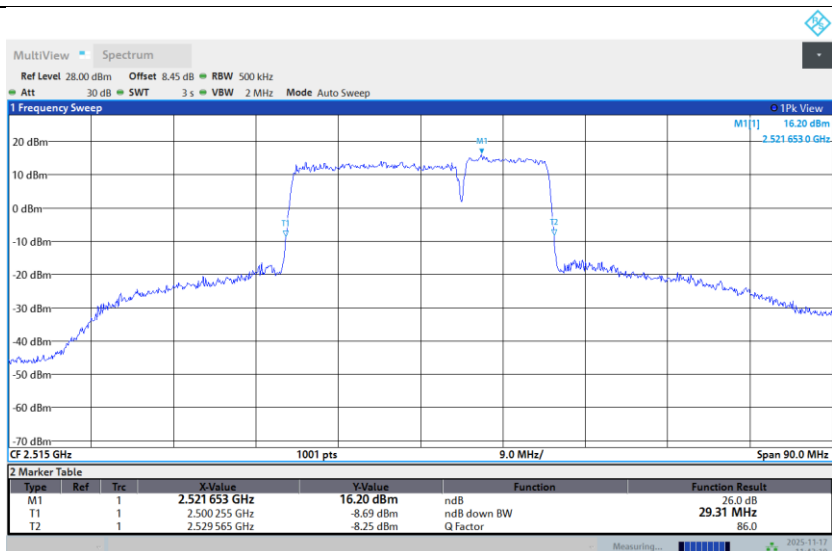
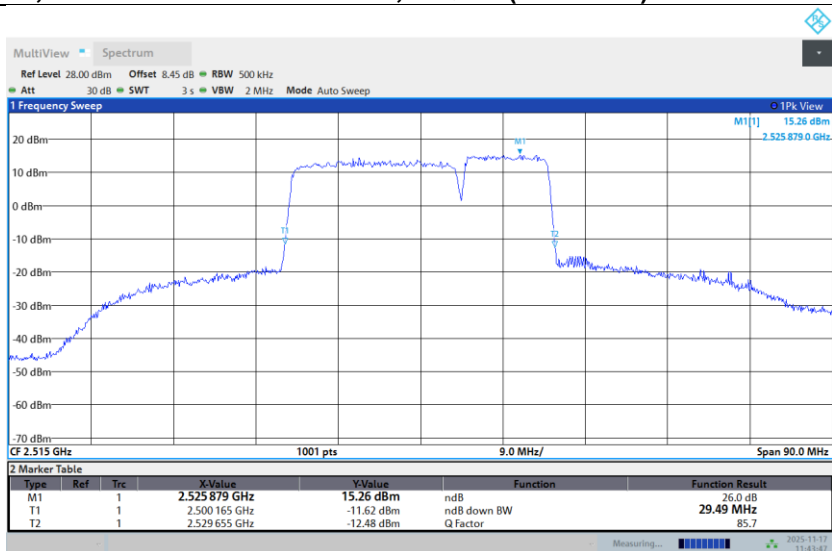




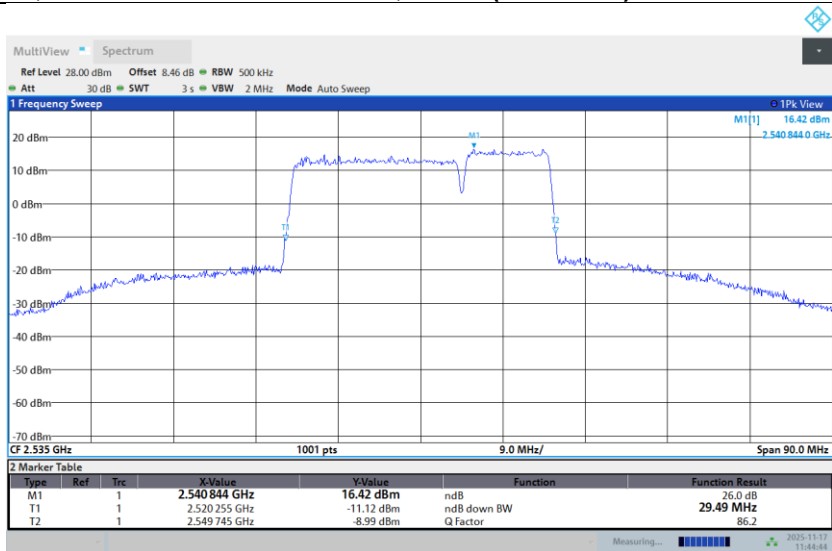
BUREAU VERITAS Test Report No.: PSU-NQN2509250114RF08



LTE CA band 7 , 20MHz+10MHz Bandwidth,64QAM (26dB BW)

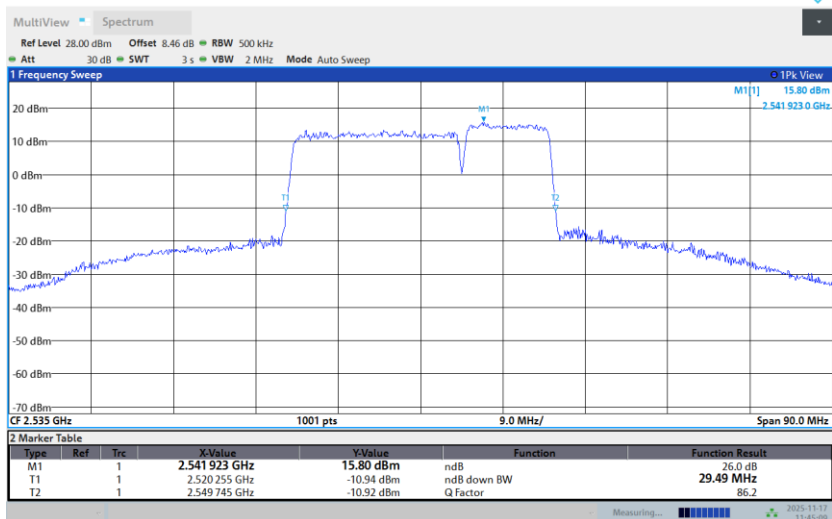


LTE CA band 7 , 20MHz+10MHz Bandwidth,QPSK (26dB BW)

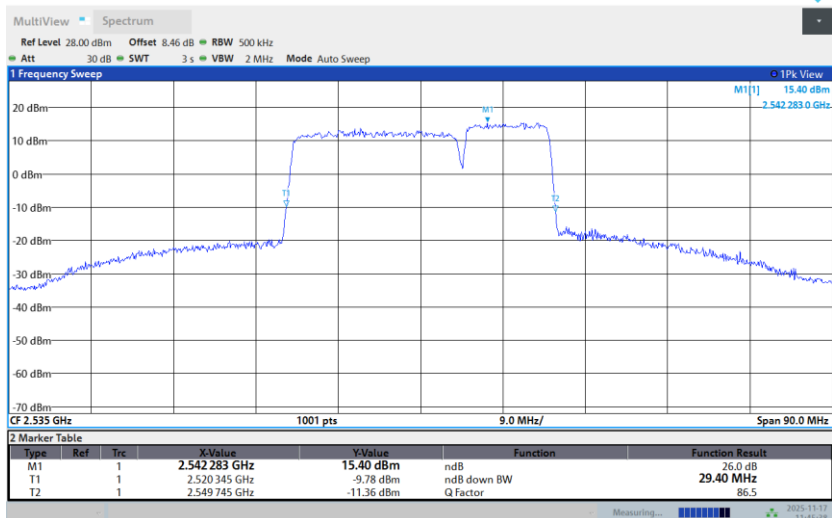




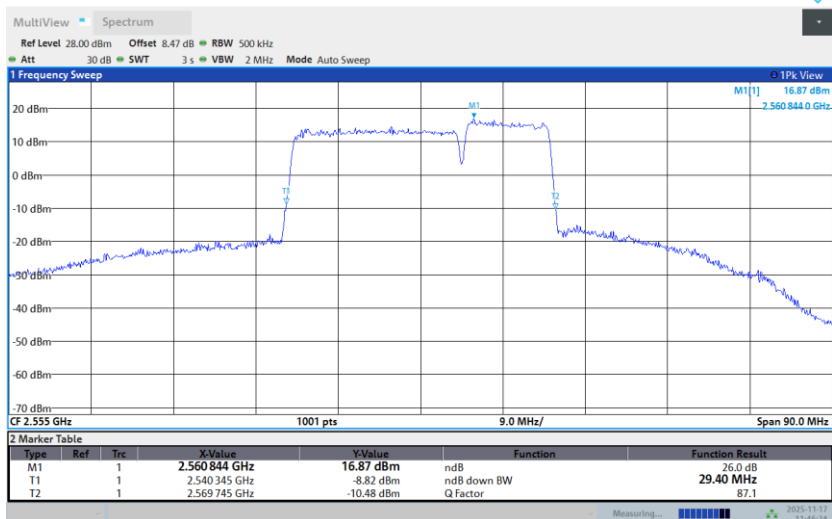
LTE CA band 7 , 20MHz+10MHz Bandwidth,16QAM (26dB BW)



LTE CA band 7 , 20MHz+10MHz Bandwidth,64QAM (26dB BW)

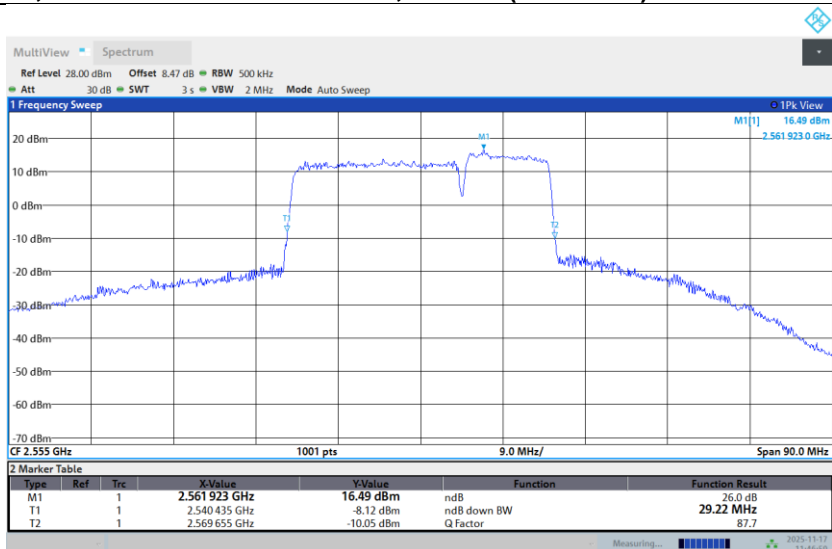


LTE CA band 7 , 20MHz+10MHz Bandwidth,QPSK (26dB BW)

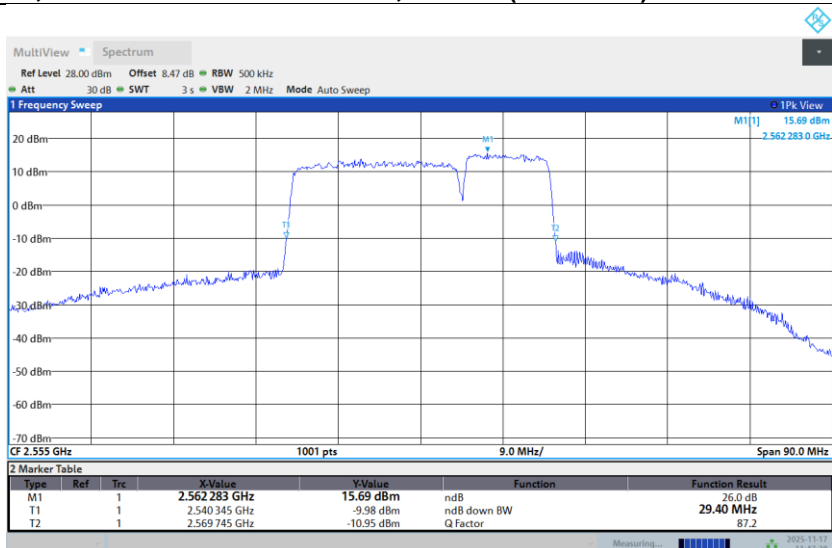




LTE CA band 7 , 20MHz+10MHz Bandwidth,16QAM (26dB BW)



LTE CA band 7 , 20MHz+10MHz Bandwidth,64QAM (26dB BW)



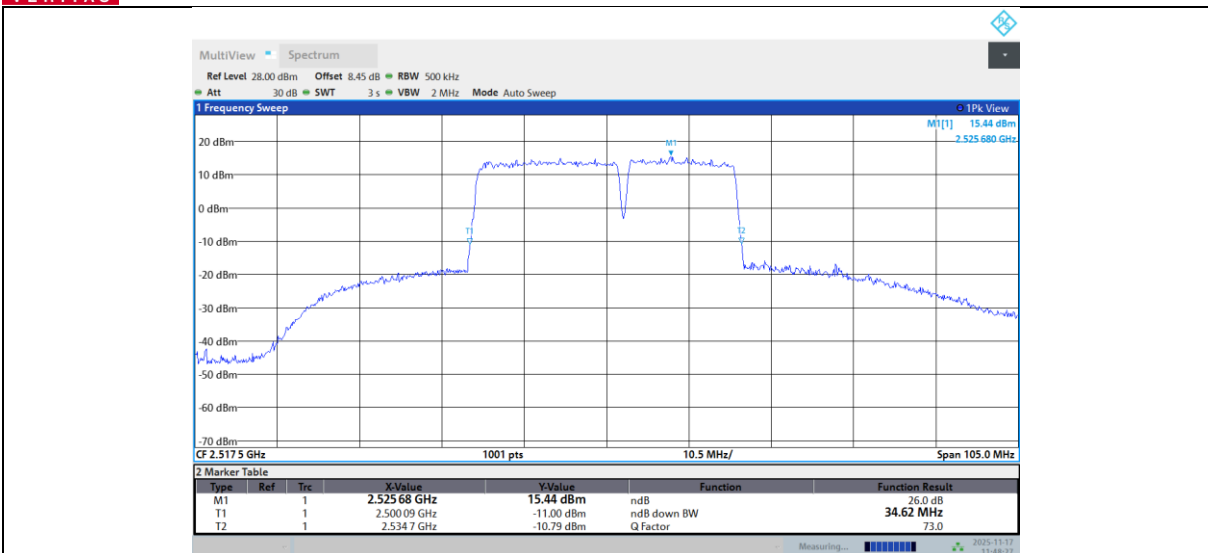
LTE CA band 7, 20MHz+15MHz

Channel	Emission Bandwidth (26dB) (MHz)		
	QPSK	16QAM	64QAM
Low	34.62	34.51	34.51
Mid	34.62	34.51	34.41
High	34.41	34.30	34.41

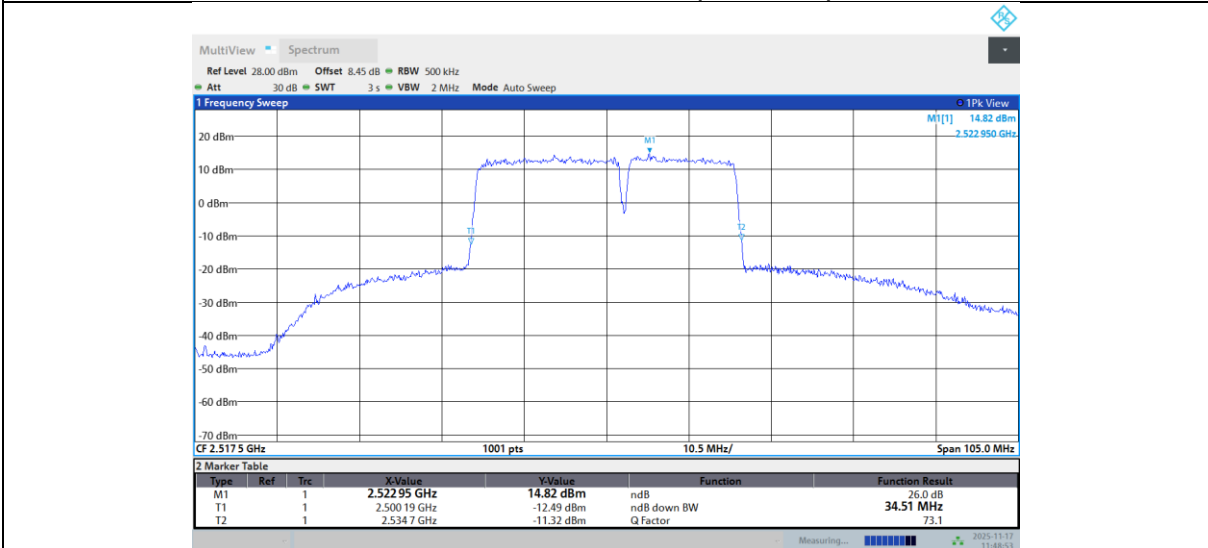
LTE CA band 7 , 20MHz+15MHz Bandwidth,QPSK (26dB BW)



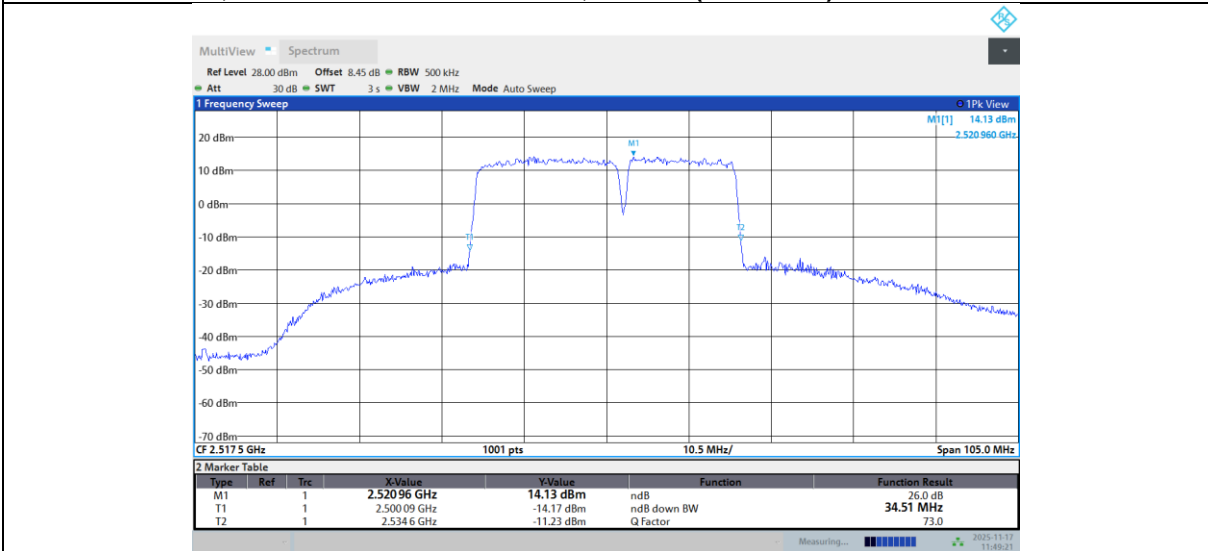
BUREAU VERITAS Test Report No.: PSU-NQN2509250114RF08



LTE CA band 7 , 20MHz+15MHz Bandwidth,16QAM (26dB BW)

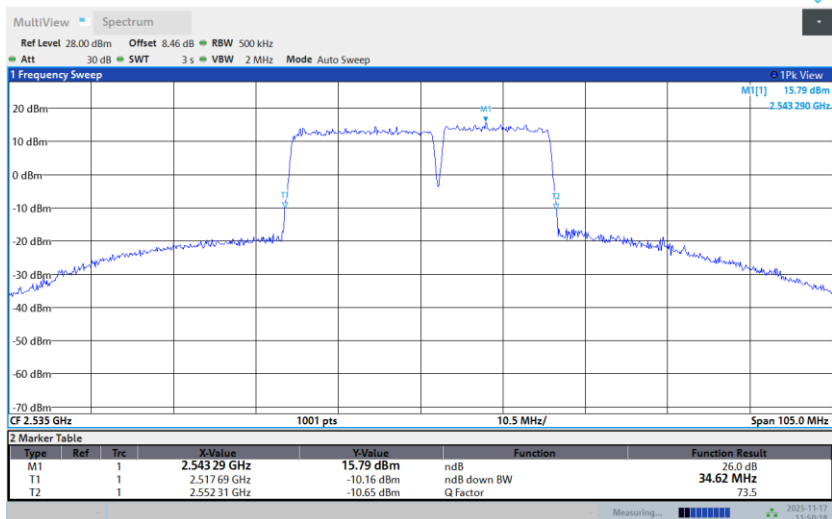


LTE CA band 7 , 20MHz+15MHz Bandwidth,64QAM (26dB BW)

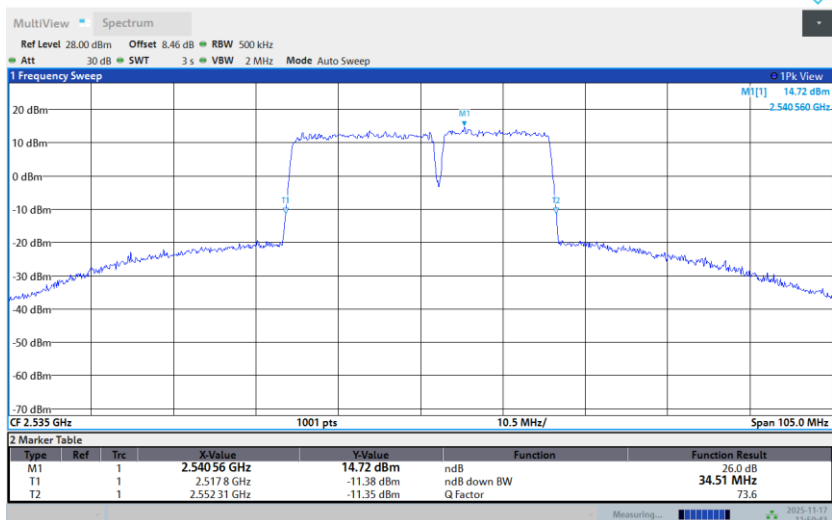




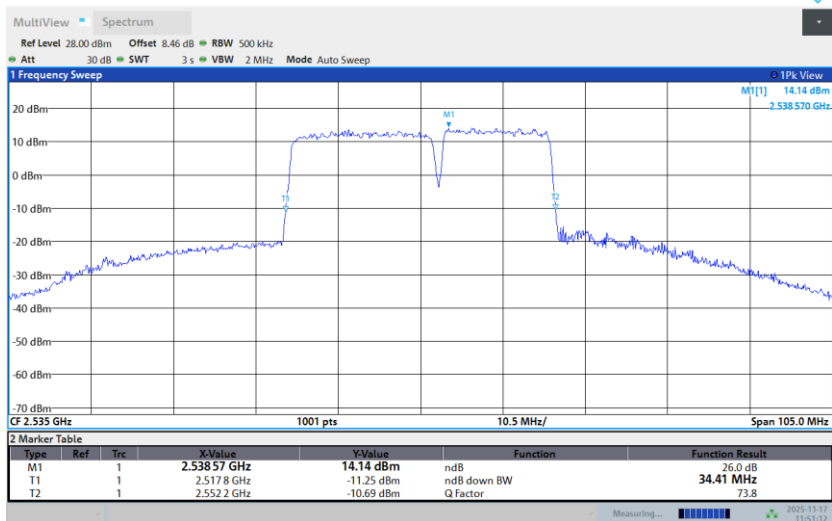
LTE CA band 7 , 20MHz+15MHz Bandwidth,QPSK (26dB BW)



LTE CA band 7 , 20MHz+15MHz Bandwidth,16QAM (26dB BW)

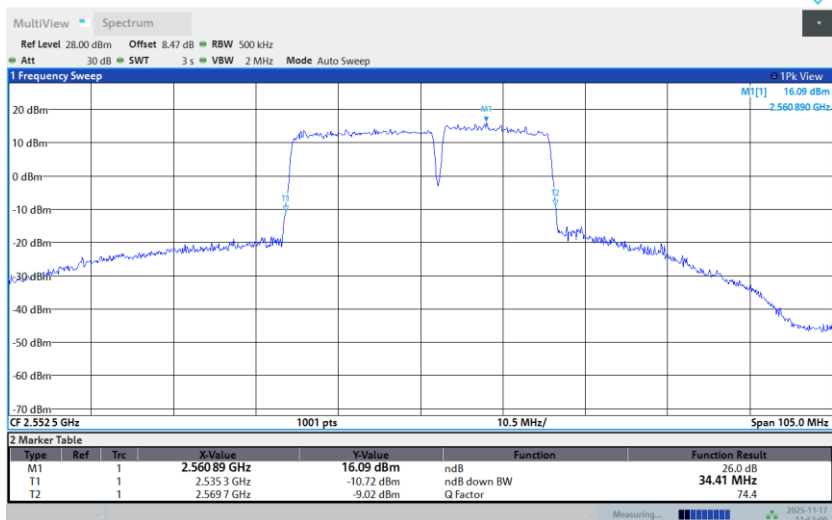


LTE CA band 7 , 20MHz+15MHz Bandwidth,64QAM (26dB BW)

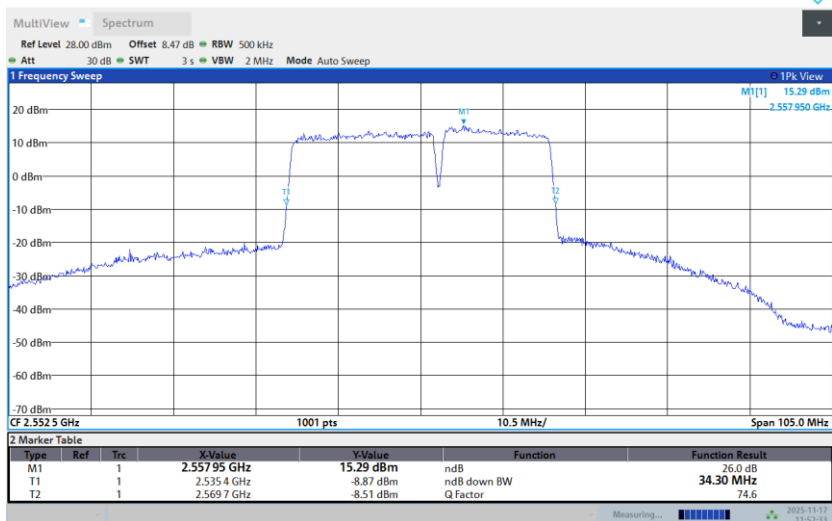




LTE CA band 7 , 20MHz+15MHz Bandwidth,QPSK (26dB BW)



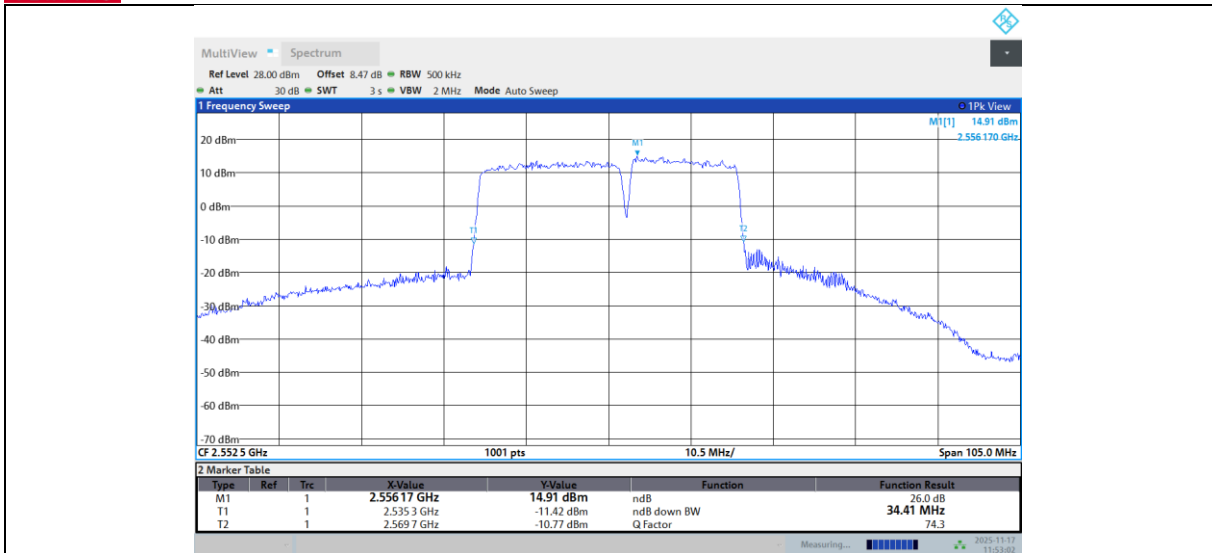
LTE CA band 7 , 20MHz+15MHz Bandwidth,16QAM (26dB BW)



LTE CA band 7 , 20MHz+15MHz Bandwidth,64QAM (26dB BW)



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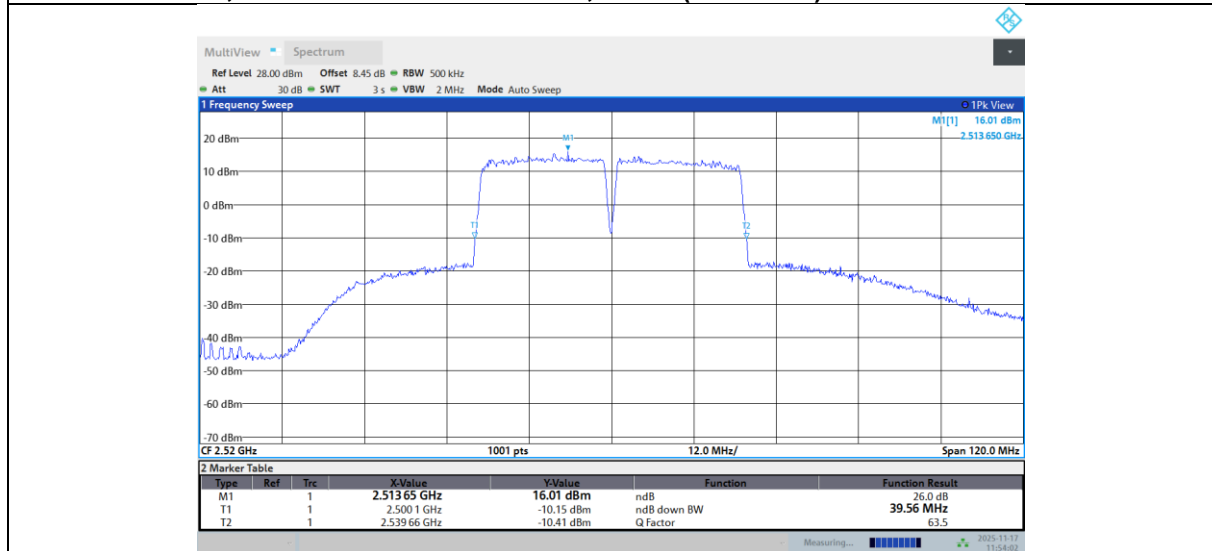




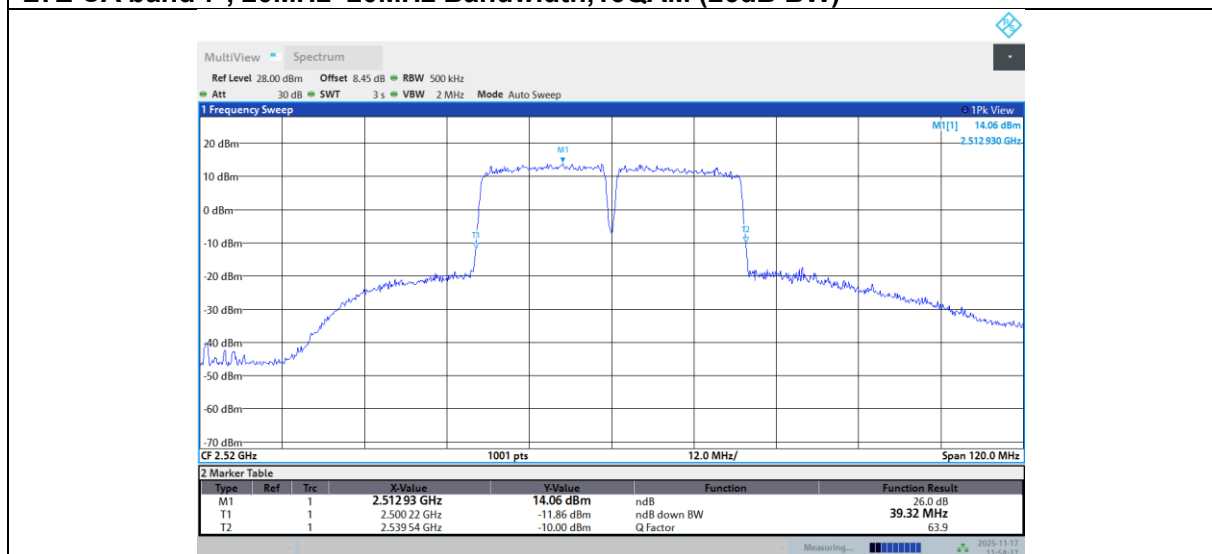
LTE CA band 7, 20MHz+20MHz

Channel	Emission Bandwidth (26dB) (MHz)		
	QPSK	16QAM	64QAM
Low	39.56	39.32	39.32
Mid	39.56	39.44	39.56
High	39.44	39.32	39.32

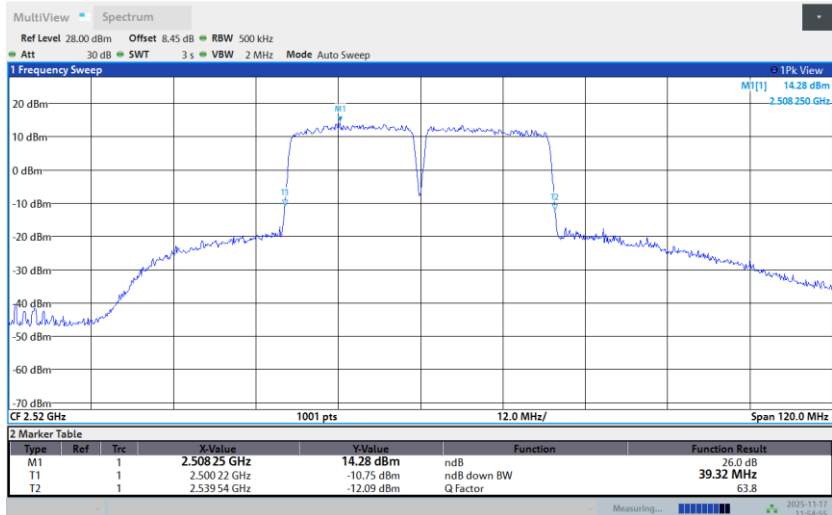
LTE CA band 7, 20MHz+20MHz Bandwidth,QPSK (26dB BW)



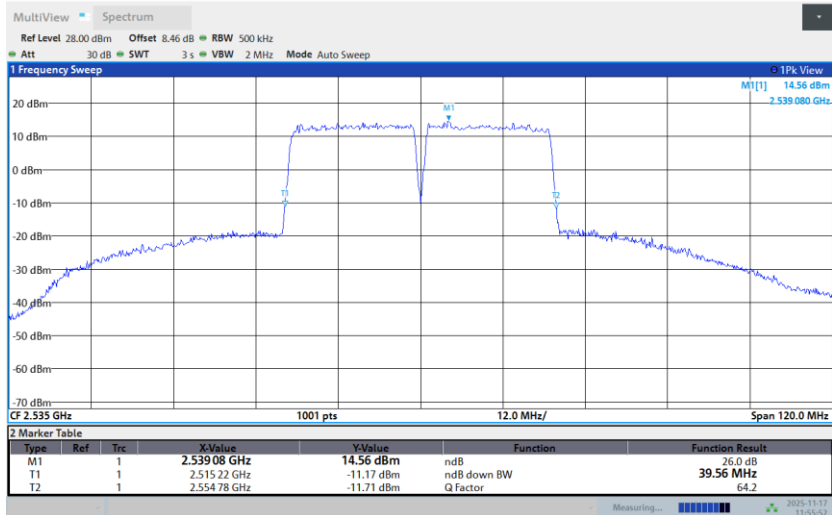
LTE CA band 7, 20MHz+20MHz Bandwidth,16QAM (26dB BW)



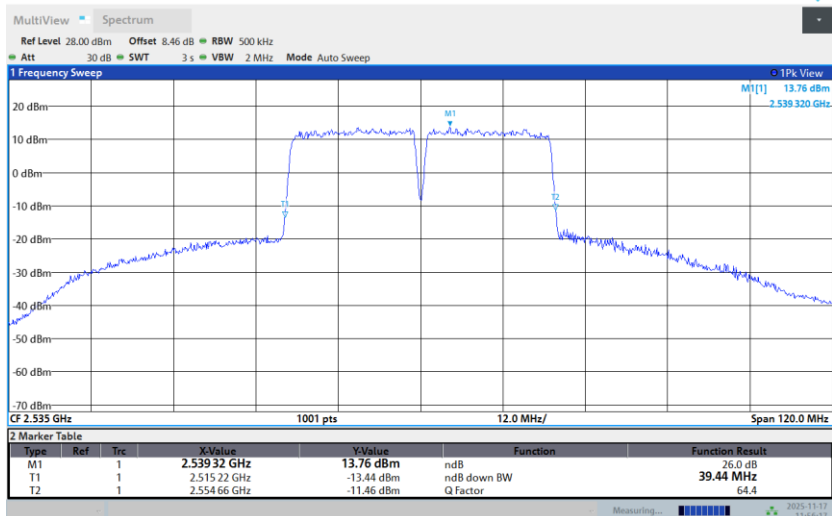
LTE CA band 7, 20MHz+20MHz Bandwidth,64QAM (26dB BW)



LTE CA band 7 , 20MHz+20MHz Bandwidth,QPSK (26dB BW)

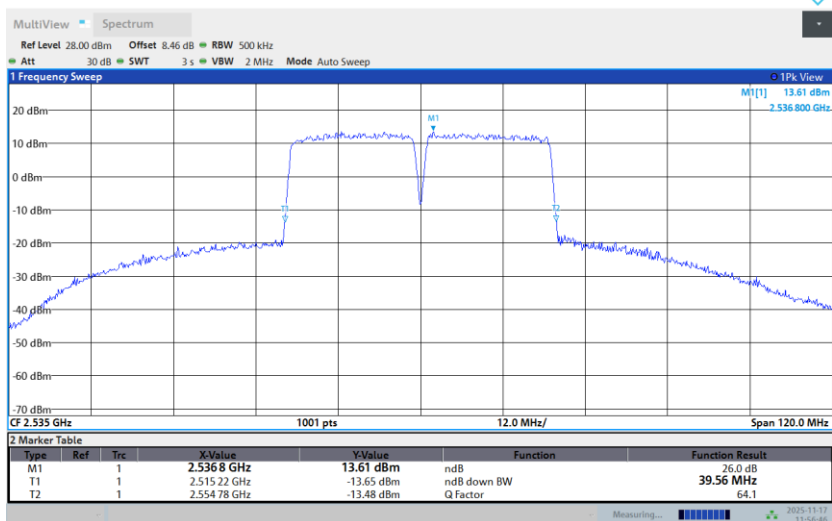


LTE CA band 7 , 20MHz+20MHz Bandwidth,16QAM (26dB BW)

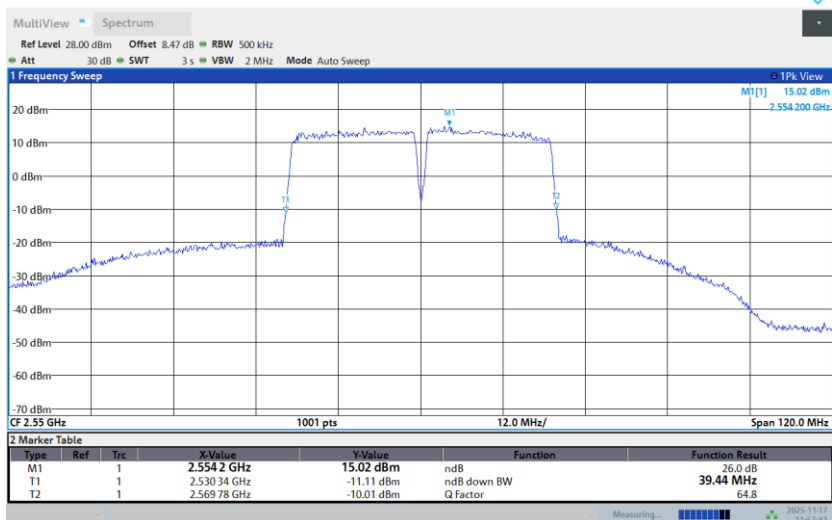




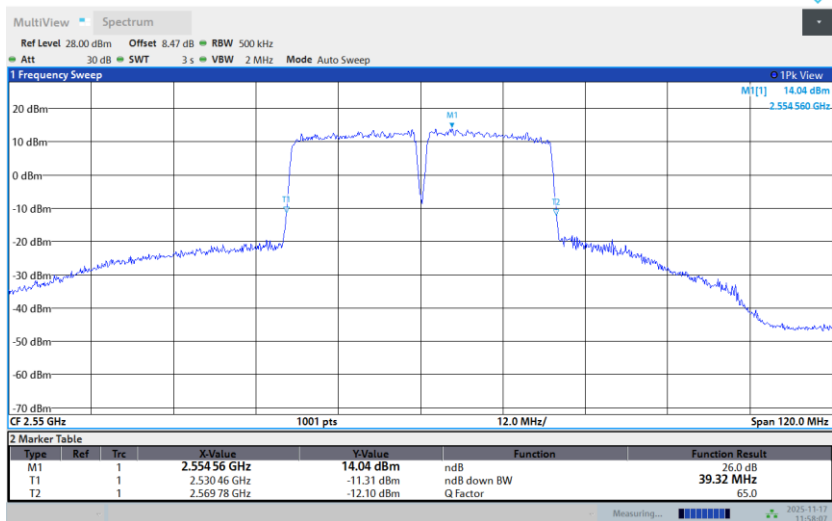
LTE CA band 7 , 20MHz+20MHz Bandwidth,64QAM (26dB BW)



LTE CA band 7 , 20MHz+20MHz Bandwidth,QPSK (26dB BW)

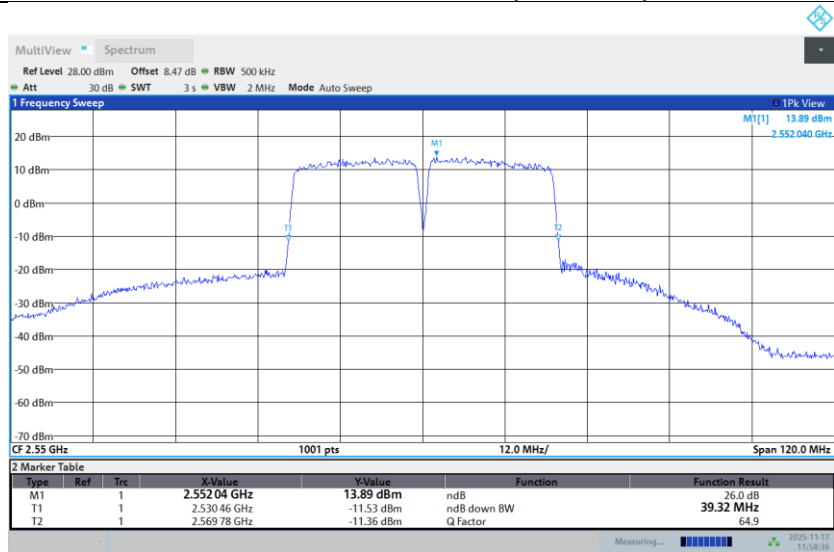


LTE CA band 7 , 20MHz+20MHz Bandwidth,16QAM (26dB BW)





LTE CA band 7 , 20MHz+20MHz Bandwidth,64QAM (26dB BW)





BAND EDGE

Test Result

Test Graphs

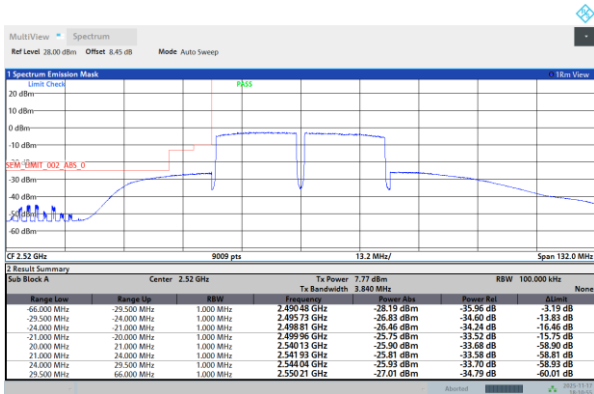
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#0-1RB#99	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#99-1RB#0	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#0-1RB#99	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#0-1RB#99	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#99-1RB#0	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#0-1RB#99	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#99-1RB#0	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	100RB#0-100RB#0	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#0-1RB#99	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#99-1RB#0	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	100RB#0-100RB#0	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#0-1RB#99	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#99-1RB#0	See Graph	PASS



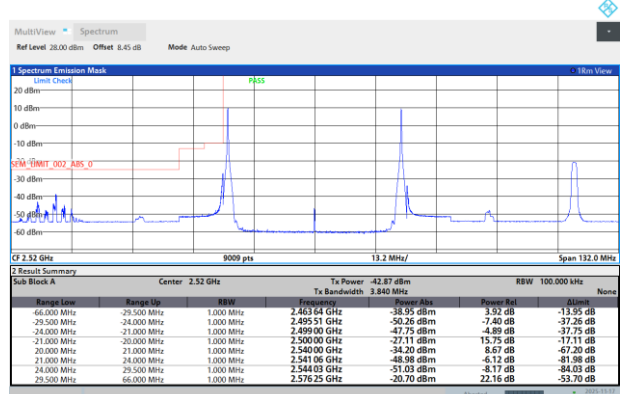
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Test Report No.: PSU-NQN2509250114RF08

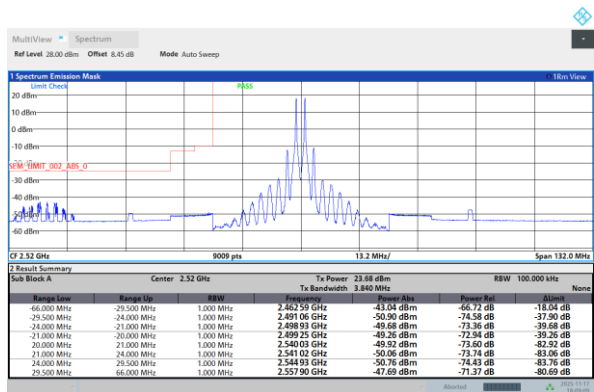
7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-21048-100RB#0-100RB#0



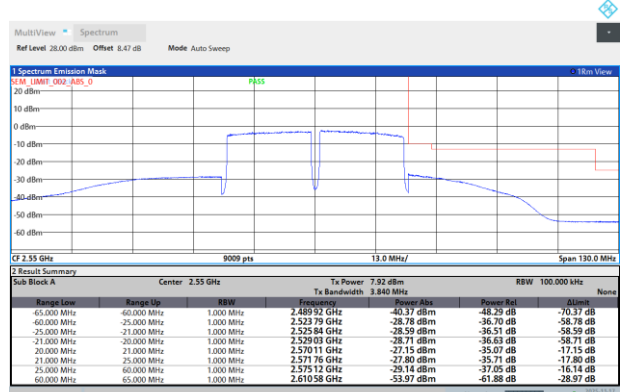
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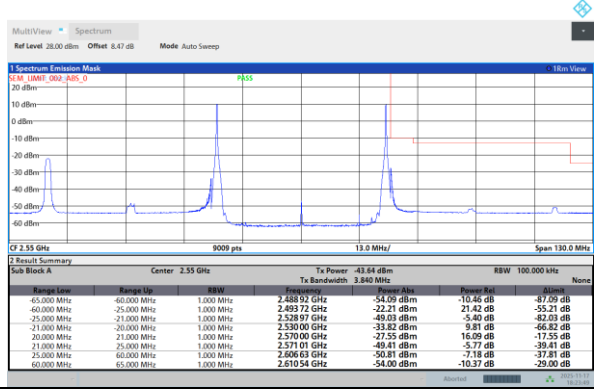
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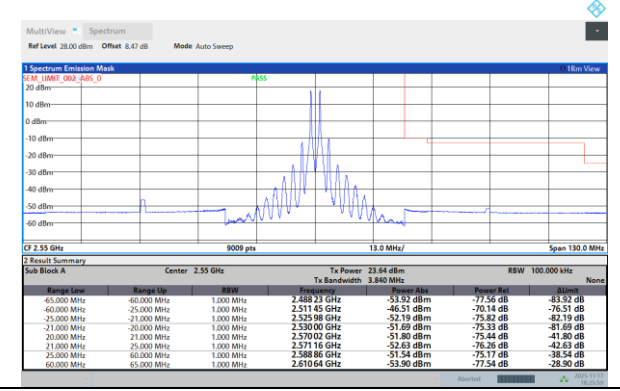
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7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-21048-1RB#0-1RB#99



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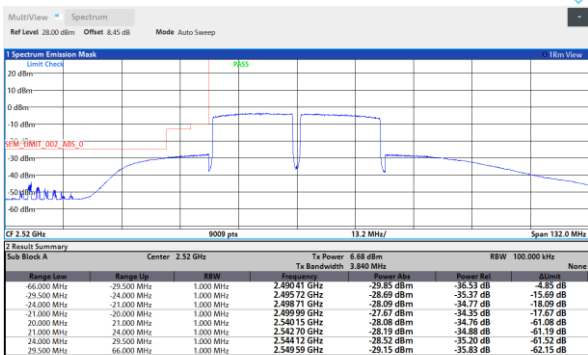
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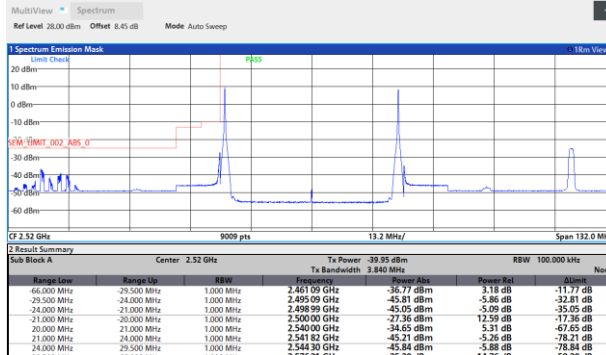


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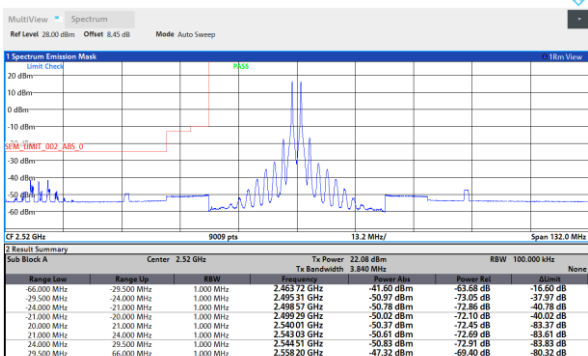
Test Report No.: PSU-NQN2509250114RF08



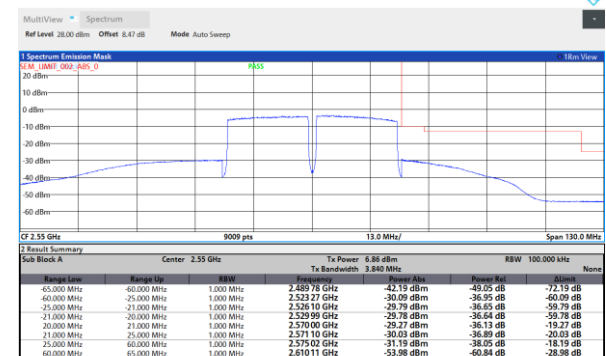
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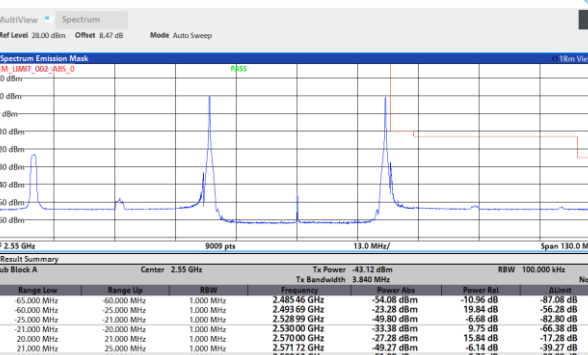
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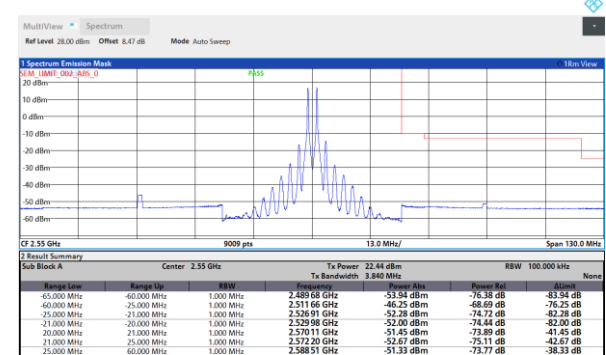
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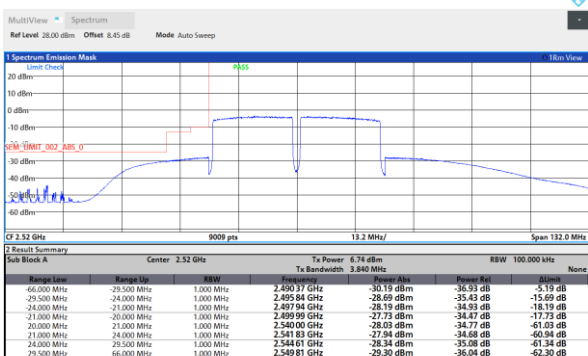
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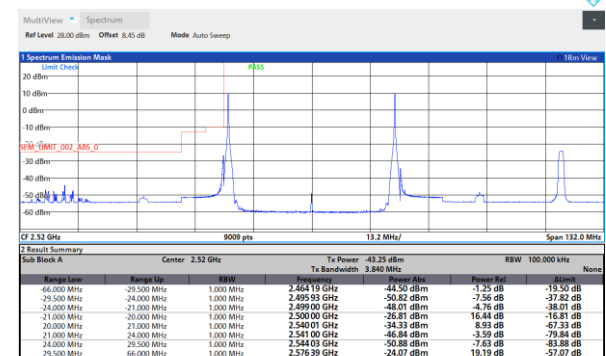
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7-7-20MHz-20MHz-64QAM-64QAM-20850-21048-21048-1RB#0-1RB#99



7-7-20MHz-20MHz-64QAM-64QAM-20850-21048-



7-7-20MHz-20MHz-64QAM-64QAM-21152-21350-

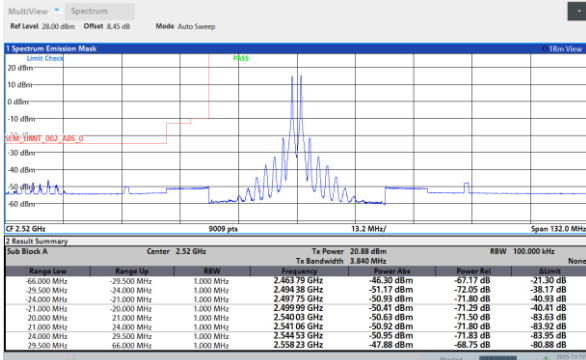
Huarui 7layers High Technology
(Suzhou) Co., Ltd.

Tower N, Innovation Center, 88 Zuyi Road, High-tech
District, Suzhou City, Anhui Province, China

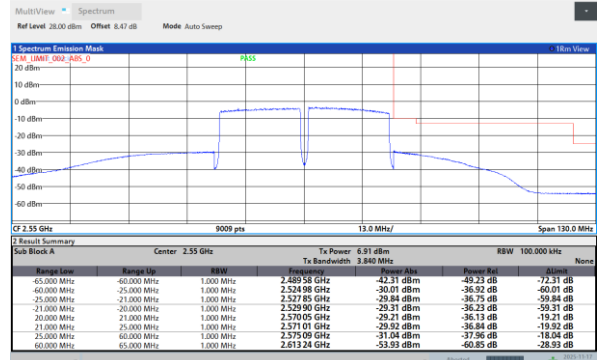
Tel: +86 (0557) 368 1008



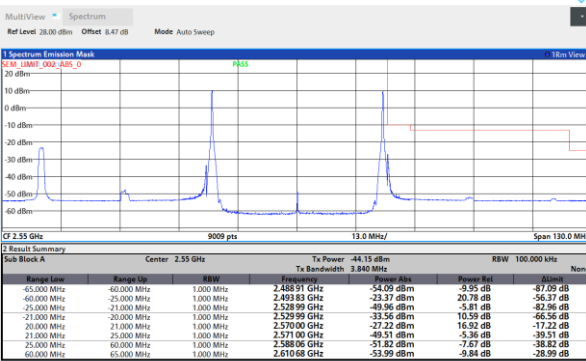
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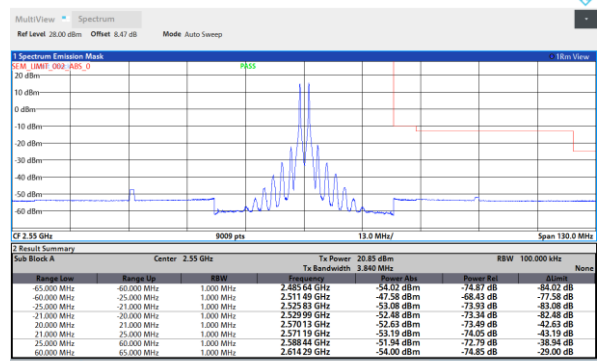
21048-100RB#0-100RB#0



7-7-20MHz-20MHz-64QAM-64QAM-21152-21350-
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21048-1RB#99-1RB#0



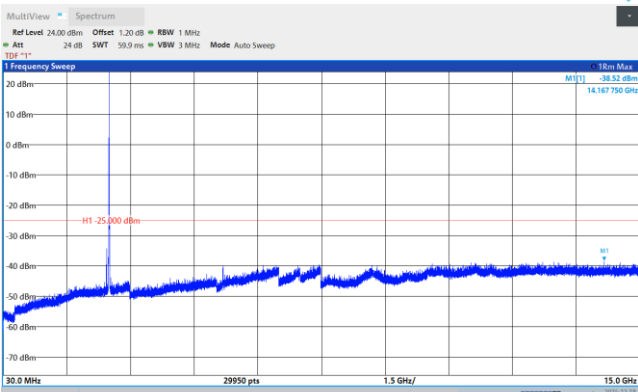
**CONDUCTED SPURIOUS EMISSION****Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#99-1RB#0	30~15000MHz	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#99-1RB#0	15000~25700MHz	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#99-1RB#0	30~15000MHz	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#99-1RB#0	15000~25700MHz	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	30~15000MHz	See Graph	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	15000~25700MHz	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#99-1RB#0	30~15000MHz	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	1RB#99-1RB#0	15000~25700MHz	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	1RB#99-1RB#0	30~15000MHz	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	1RB#99-1RB#0	15000~25700MHz	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#99-1RB#0	30~15000MHz	See Graph	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	1RB#99-1RB#0	15000~25700MHz	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#99-1RB#0	30~15000MHz	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	20850-21048	1RB#99-1RB#0	15000~25700MHz	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	1RB#99-1RB#0	30~15000MHz	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21001-21199	1RB#99-1RB#0	15000~25700MHz	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#99-1RB#0	30~15000MHz	See Graph	PASS
7-7	20MHz-20MHz	64QAM-64QAM	21152-21350	1RB#99-1RB#0	15000~25700MHz	See Graph	PASS

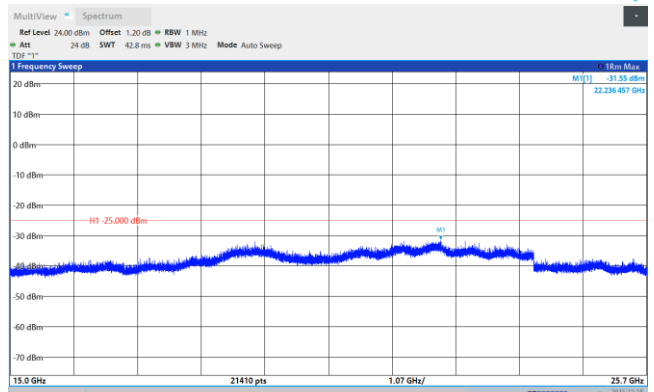


Test Graphs

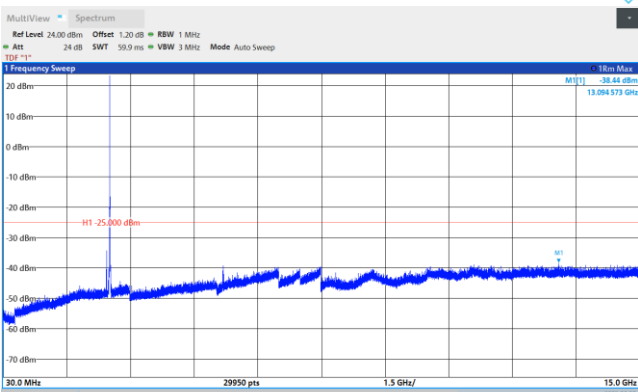
7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#99-
1RB#0-30~15000MHz



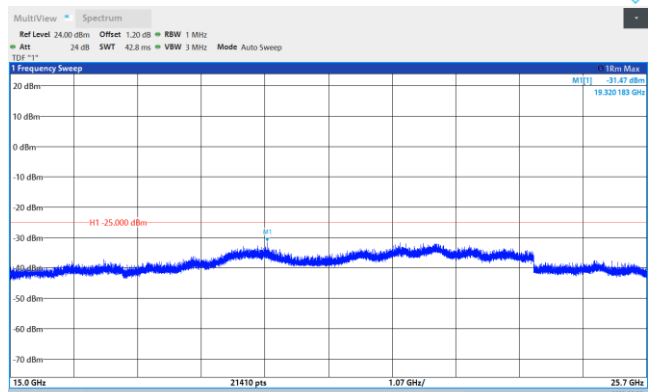
7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#99-
1RB#0-15000~15000MHz



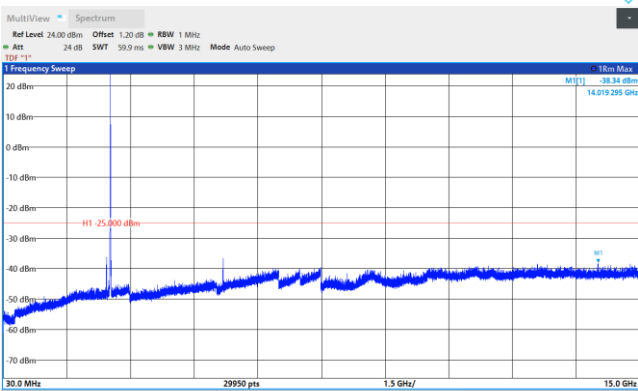
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1RB#0-30~15000MHz



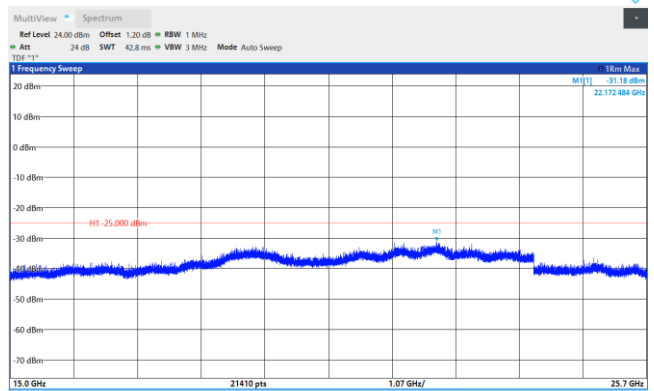
7-7-20MHz-20MHz-QPSK-QPSK-21006-21199-1RB#99-
1RB#0-15000~15000MHz



7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#99-
1RB#0-30~15000MHz



7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#99-
1RB#0-15000~15000MHz



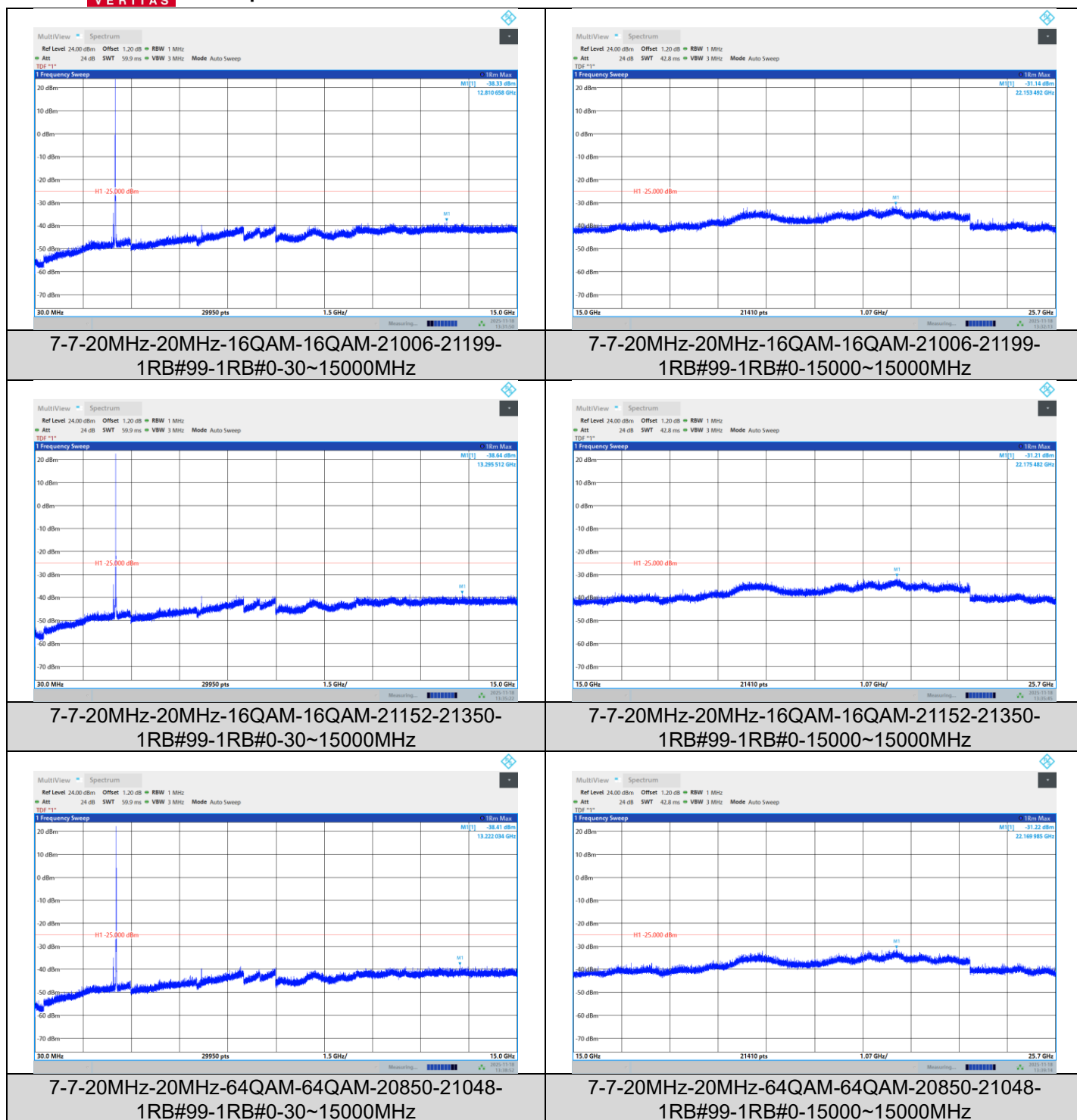
7-7-20MHz-20MHz-16QAM-16QAM-20850-21048-
1RB#99-1RB#0-30~15000MHz

7-7-20MHz-20MHz-16QAM-16QAM-20850-21048-
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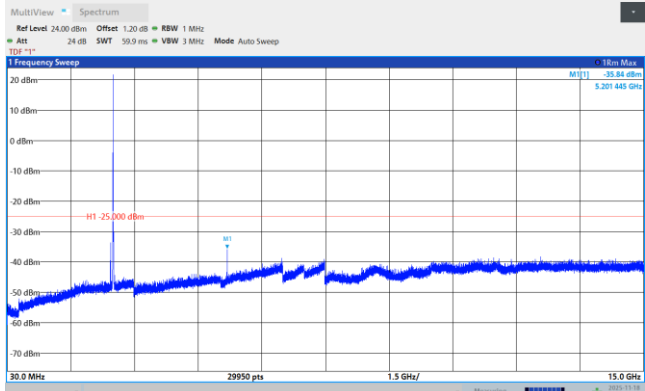
Test Report No.: PSU-NQN2509250114RF08



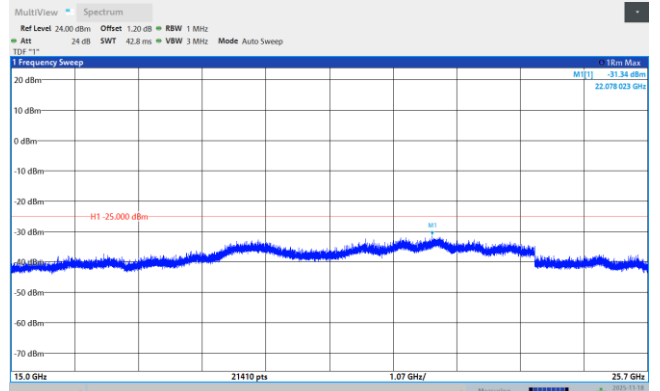


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VERITAS

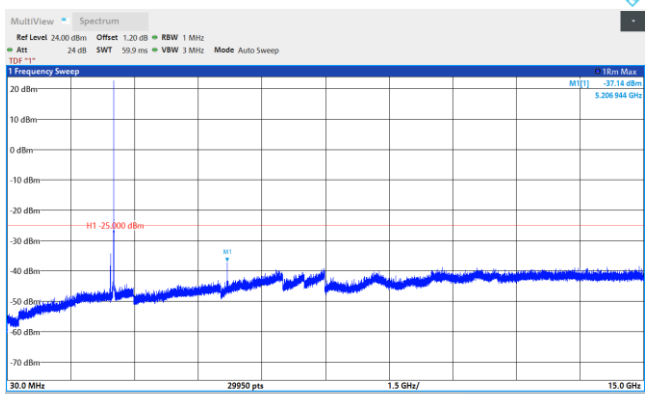
Test Report No.: PSU-NQN2509250114RF08



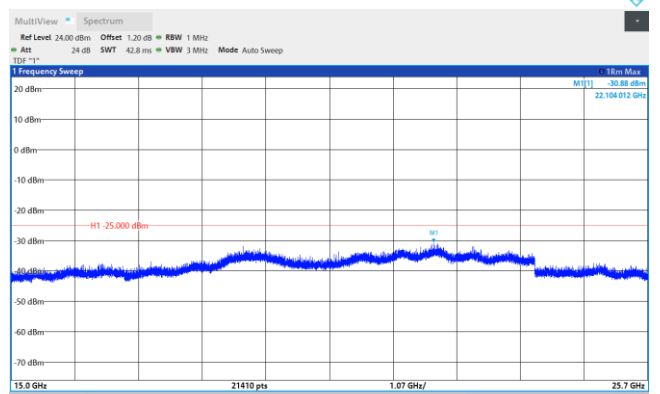
7-7-20MHz-20MHz-64QAM-64QAM-21006-21199-1RB#99-1RB#0-30~15000MHz



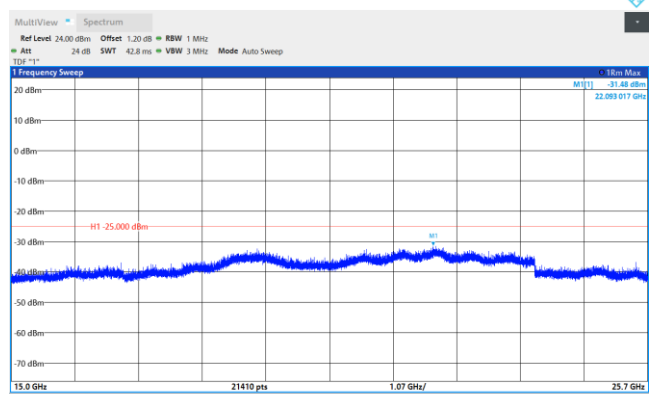
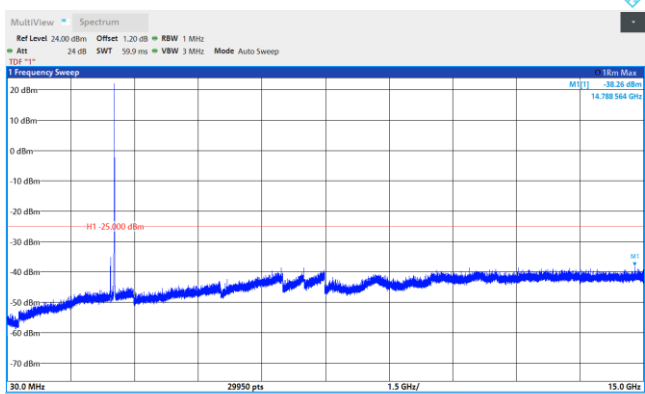
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7-7-20MHz-20MHz-64QAM-64QAM-21152-21350-1RB#99-1RB#0-30~15000MHz



7-7-20MHz-20MHz-64QAM-64QAM-21152-21350-1RB#99-1RB#0-15000~15000MHz



**LTE BAND 41 (INCLUDING LTE BAND 38)****PEAK-TO-AVERAGE RATIO(CCDF)****Test Result**

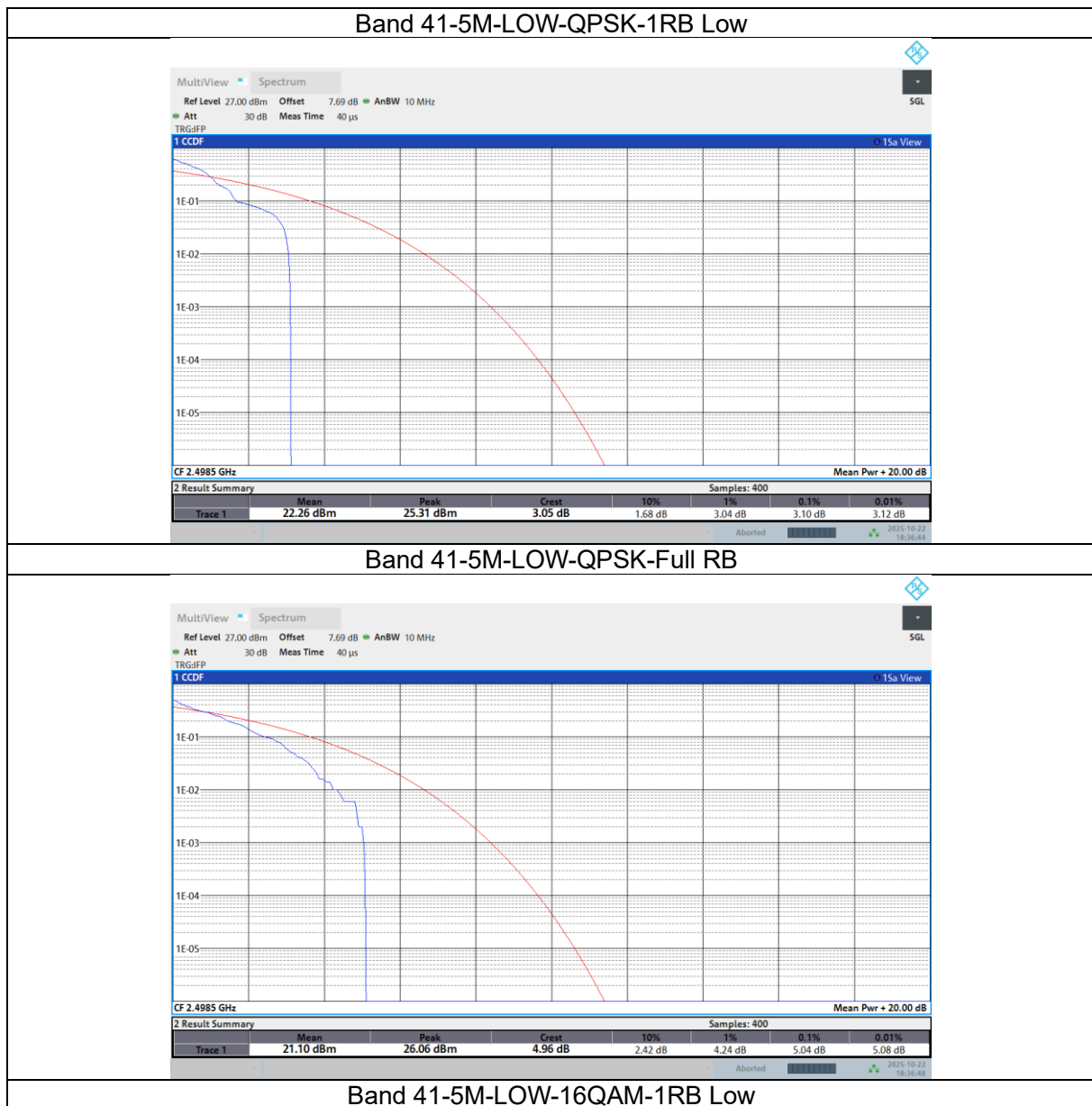
Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
5MHz	QPSK	39675	1RB Low	3.10	13	PASS
5MHz	QPSK	39675	Full RB	5.04	13	PASS
5MHz	16QAM	39675	1RB Low	4.60	13	PASS
5MHz	16QAM	39675	Full RB	5.60	13	PASS
5MHz	64QAM	39675	1RB Low	3.10	13	PASS
5MHz	64QAM	39675	Full RB	6.08	13	PASS
5MHz	QPSK	40620	1RB Low	3.58	13	PASS
5MHz	QPSK	40620	Full RB	5.32	13	PASS
5MHz	16QAM	40620	1RB Low	3.38	13	PASS
5MHz	16QAM	40620	Full RB	6.46	13	PASS
5MHz	64QAM	40620	1RB Low	3.94	13	PASS
5MHz	64QAM	40620	Full RB	6.74	13	PASS
5MHz	QPSK	41565	1RB Low	3.94	13	PASS
5MHz	QPSK	41565	Full RB	4.84	13	PASS
5MHz	16QAM	41565	1RB Low	4.24	13	PASS
5MHz	16QAM	41565	Full RB	5.80	13	PASS
5MHz	64QAM	41565	1RB Low	5.66	13	PASS
5MHz	64QAM	41565	Full RB	8.80	13	PASS
10MHz	QPSK	39700	1RB Low	3.30	13	PASS
10MHz	QPSK	39700	Full RB	5.14	13	PASS
10MHz	16QAM	39700	1RB Low	4.14	13	PASS
10MHz	16QAM	39700	Full RB	6.16	13	PASS
10MHz	64QAM	39700	1RB Low	5.56	13	PASS
10MHz	64QAM	39700	Full RB	6.26	13	PASS
10MHz	QPSK	40620	1RB Low	2.88	13	PASS
10MHz	QPSK	40620	Full RB	5.60	13	PASS
10MHz	16QAM	40620	1RB Low	4.32	13	PASS
10MHz	16QAM	40620	Full RB	6.36	13	PASS
10MHz	64QAM	40620	1RB Low	5.08	13	PASS
10MHz	64QAM	40620	Full RB	7.10	13	PASS
10MHz	QPSK	41540	1RB Low	3.08	13	PASS
10MHz	QPSK	41540	Full RB	4.50	13	PASS
10MHz	16QAM	41540	1RB Low	4.38	13	PASS
10MHz	16QAM	41540	Full RB	11.44	13	PASS
10MHz	64QAM	41540	1RB Low	5.32	13	PASS
10MHz	64QAM	41540	Full RB	5.98	13	PASS
15MHz	QPSK	39725	1RB Low	3.02	13	PASS
15MHz	QPSK	39725	Full RB	5.82	13	PASS
15MHz	16QAM	39725	1RB Low	4.72	13	PASS
15MHz	16QAM	39725	Full RB	6.64	13	PASS
15MHz	64QAM	39725	1RB Low	2.92	13	PASS
15MHz	64QAM	39725	Full RB	5.80	13	PASS
15MHz	QPSK	40620	1RB Low	1.30	13	PASS
15MHz	QPSK	40620	Full RB	4.76	13	PASS
15MHz	16QAM	40620	1RB Low	4.24	13	PASS
15MHz	16QAM	40620	Full RB	5.44	13	PASS
15MHz	64QAM	40620	1RB Low	3.10	13	PASS

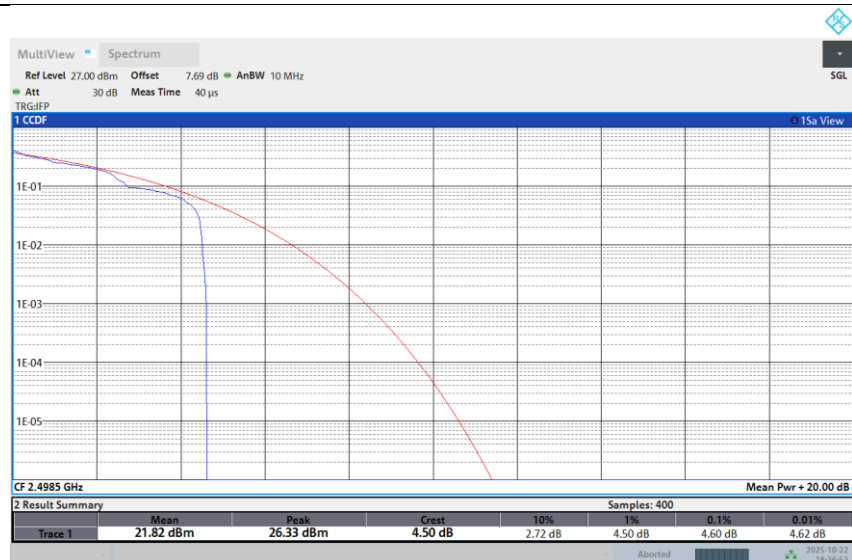
**BUREAU VERITAS** Test Report No.: PSU-NQN2509250114RF08

15MHz	64QAM	40620	Full RB	6.46	13	PASS
15MHz	QPSK	41515	1RB Low	4.80	13	PASS
15MHz	QPSK	41515	Full RB	5.42	13	PASS
15MHz	16QAM	41515	1RB Low	4.14	13	PASS
15MHz	16QAM	41515	Full RB	6.16	13	PASS
15MHz	64QAM	41515	1RB Low	5.08	13	PASS
15MHz	64QAM	41515	Full RB	5.80	13	PASS
20MHz	QPSK	39750	1RB Low	3.30	13	PASS
20MHz	QPSK	39750	Full RB	4.94	13	PASS
20MHz	16QAM	39750	1RB Low	2.34	13	PASS
20MHz	16QAM	39750	Full RB	5.60	13	PASS
20MHz	64QAM	39750	1RB Low	4.24	13	PASS
20MHz	64QAM	39750	Full RB	6.08	13	PASS
20MHz	QPSK	40620	1RB Low	1.98	13	PASS
20MHz	QPSK	40620	Full RB	5.54	13	PASS
20MHz	16QAM	40620	1RB Low	2.08	13	PASS
20MHz	16QAM	40620	Full RB	5.98	13	PASS
20MHz	64QAM	40620	1RB Low	3.94	13	PASS
20MHz	64QAM	40620	Full RB	6.36	13	PASS
20MHz	QPSK	41490	1RB Low	3.40	13	PASS
20MHz	QPSK	41490	Full RB	5.42	13	PASS
20MHz	16QAM	41490	1RB Low	5.74	13	PASS
20MHz	16QAM	41490	Full RB	6.08	13	PASS
20MHz	64QAM	41490	1RB Low	2.46	13	PASS
20MHz	64QAM	41490	Full RB	5.70	13	PASS

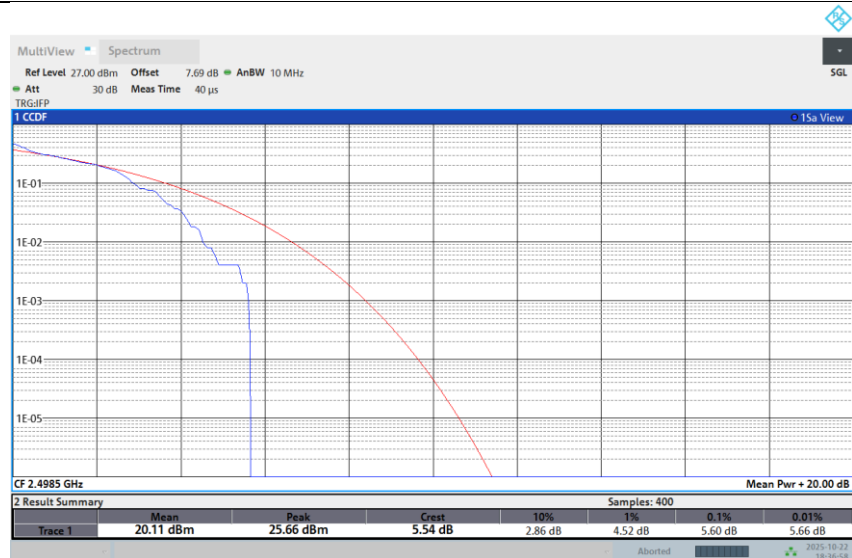


Test Graphs

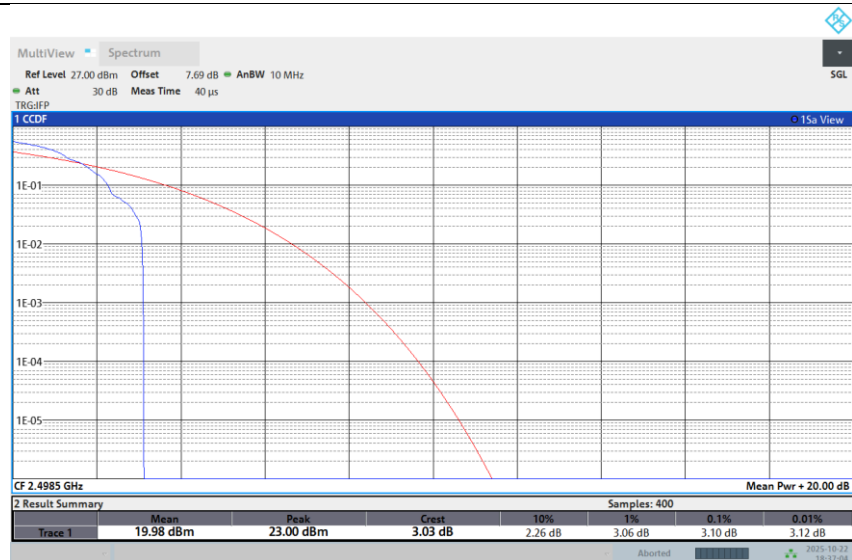




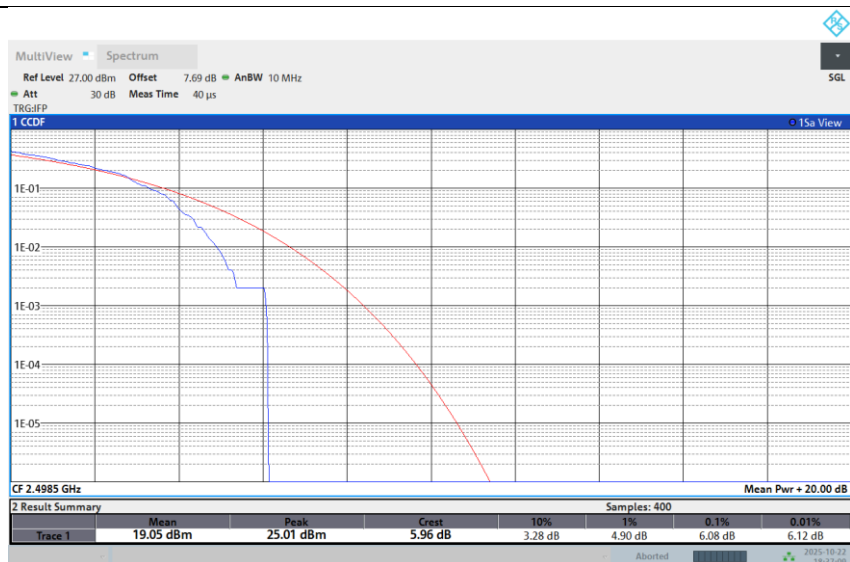
Band 41-5M-LOW-16QAM-Full RB



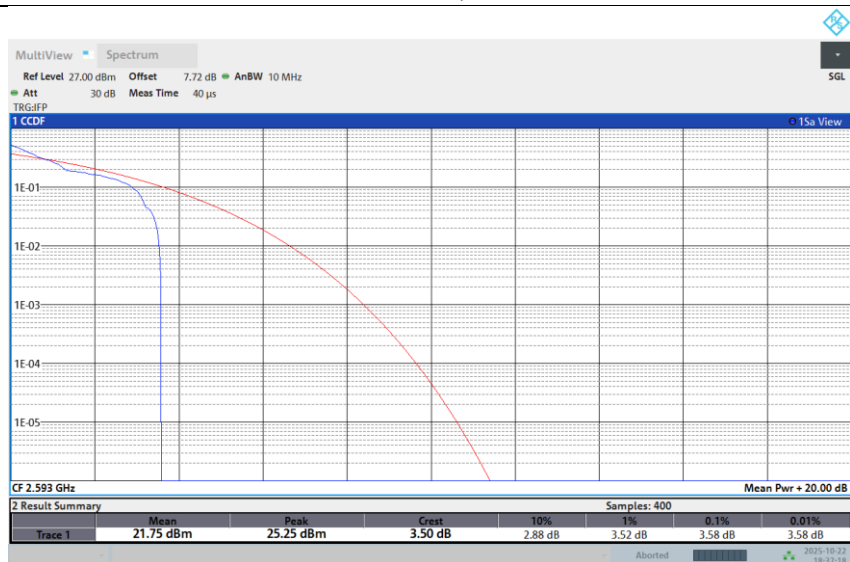
Band 41-5M-LOW-64QAM-1RB Low



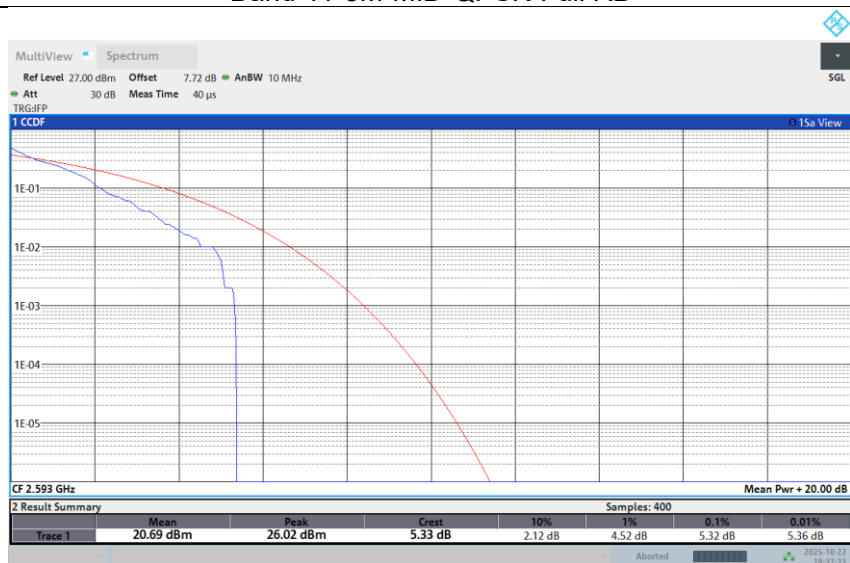
Band 41-5M-LOW-64QAM-Full RB



Band 41-5M-MID-QPSK-1RB Low



Band 41-5M-MID-QPSK-Full RB



Band 41-5M-MID-16QAM-1RB Low