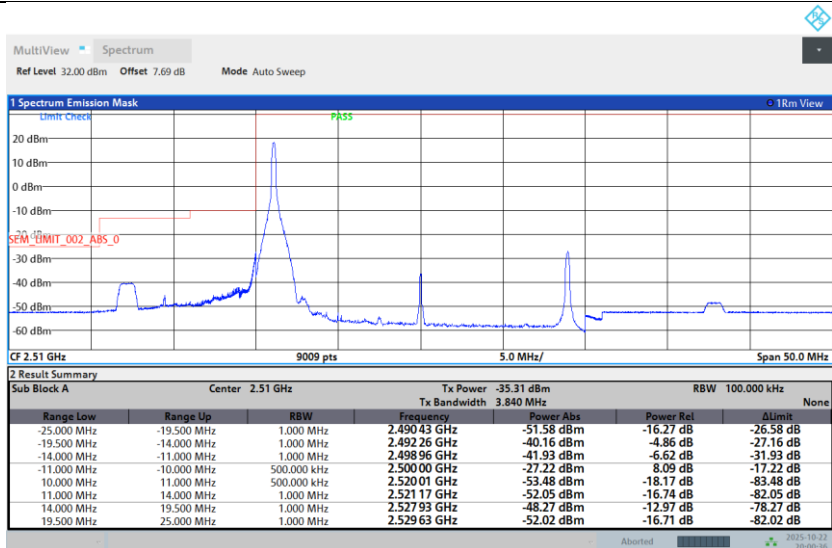
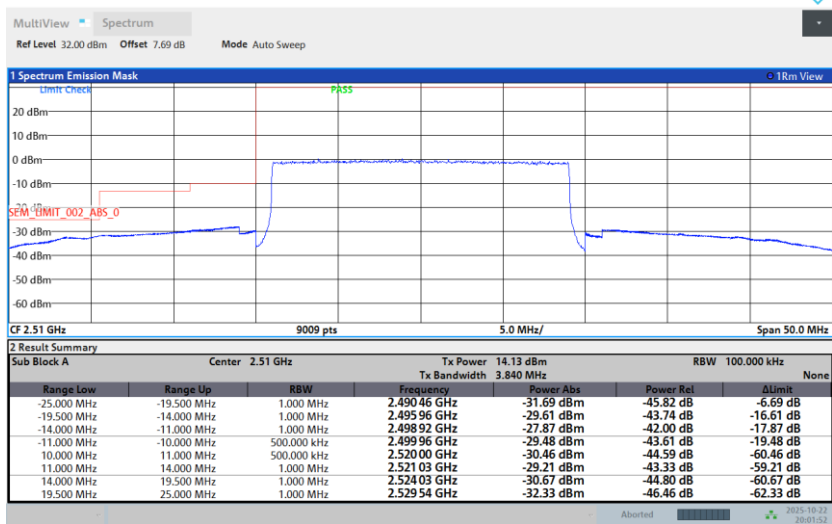
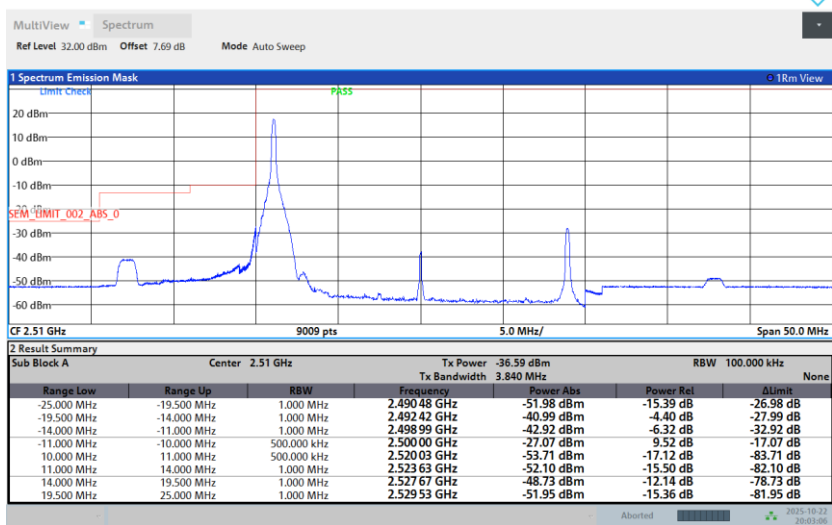




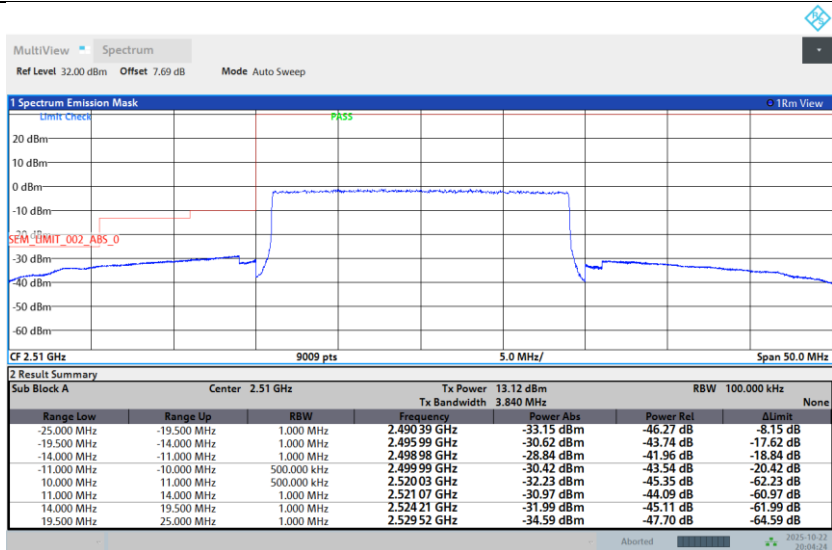
Graph38 Low BAND EDGE BLOCK-20MHz-100%RB



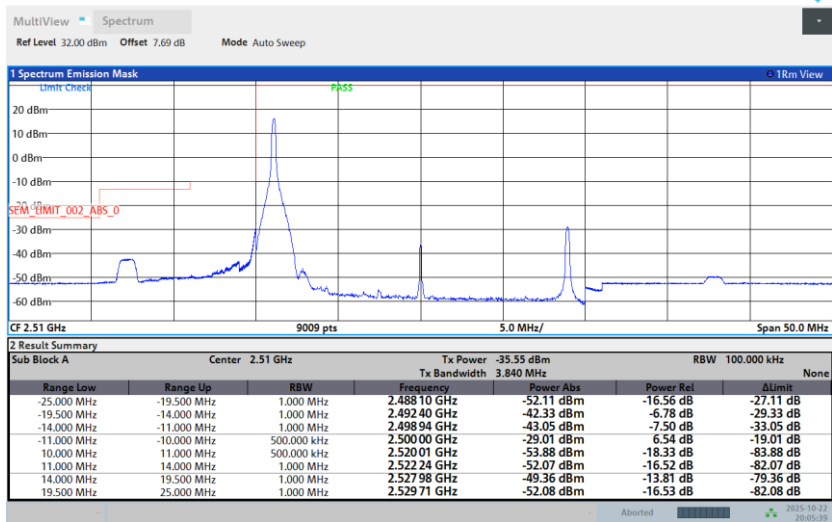
Graph39 Low BAND EDGE BLOCK-1RB-Low_offset



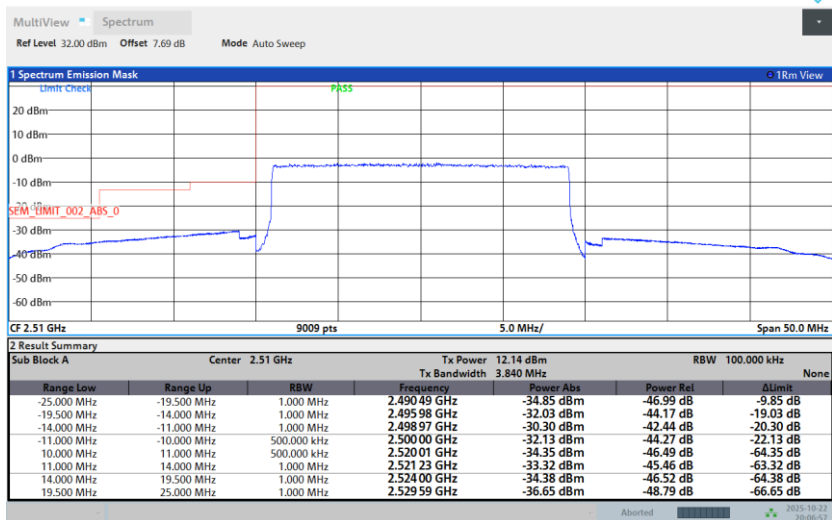
Graph40 Low BAND EDGE BLOCK-20MHz-100%RB



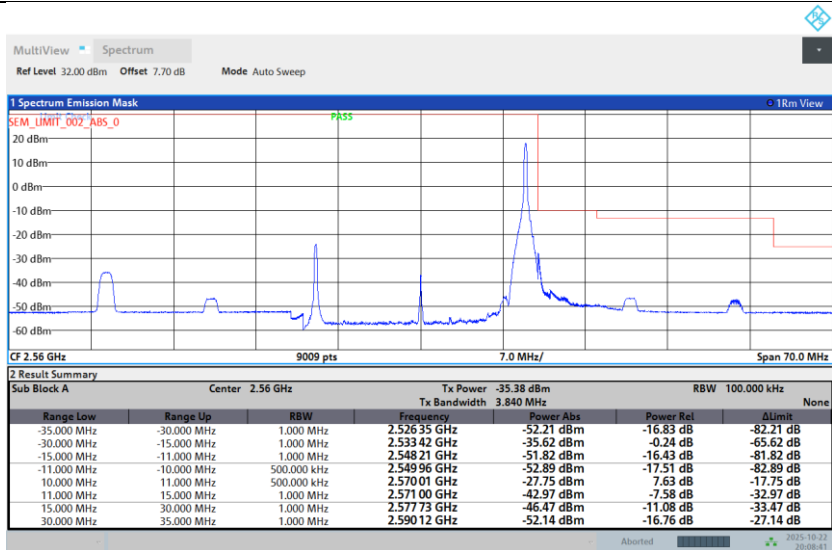
Graph41 Low BAND EDGE BLOCK-1RB-Low_offset



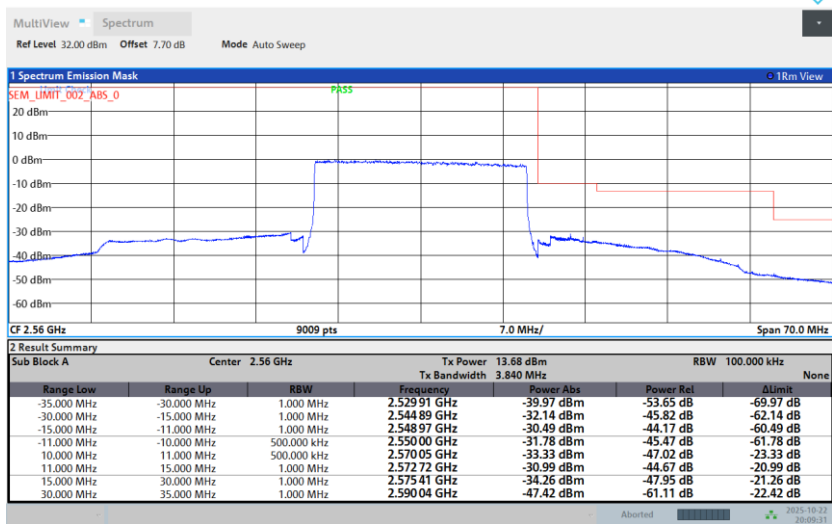
Graph42 Low BAND EDGE BLOCK-20MHz-100%RB



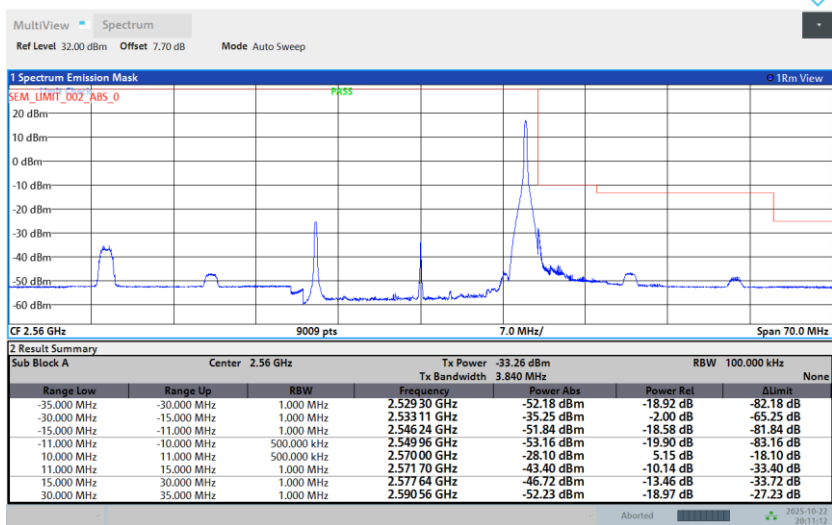
Graph43 High BAND EDGE BLOCK-1RB-High_offset



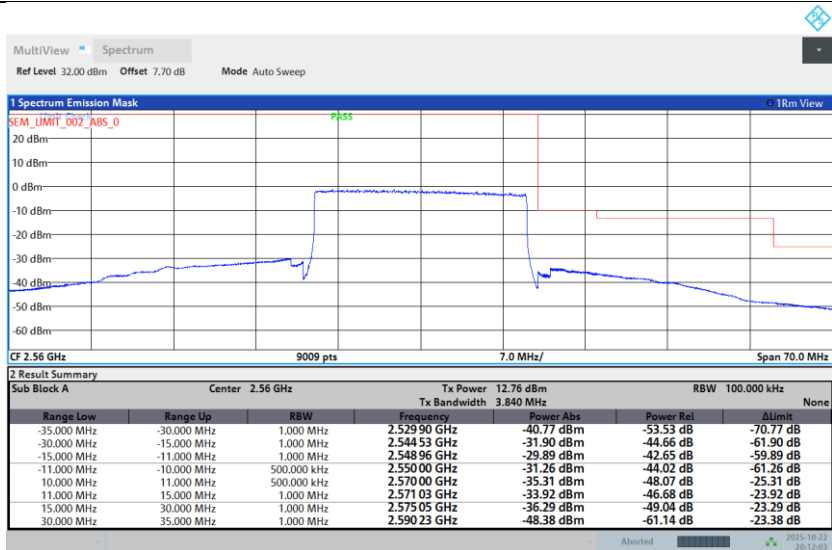
Graph44 High BAND EDGE BLOCK-20MHz-100%RB



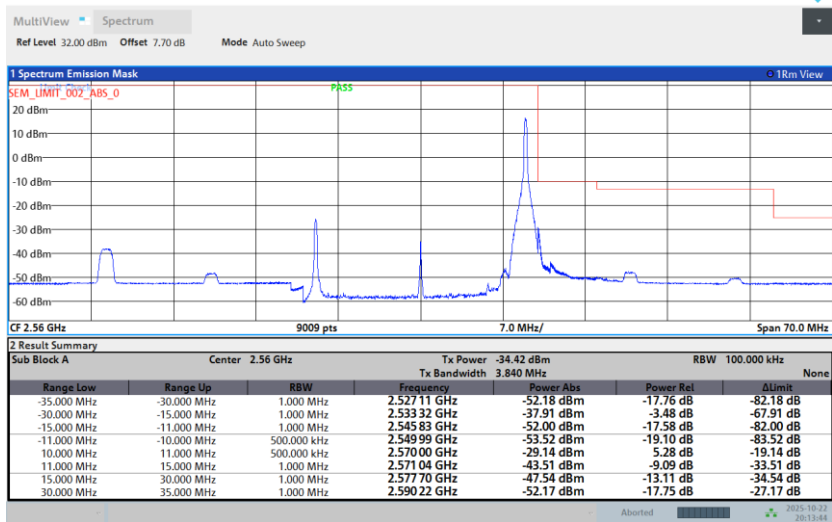
Graph45 High BAND EDGE BLOCK-1RB-High_offset



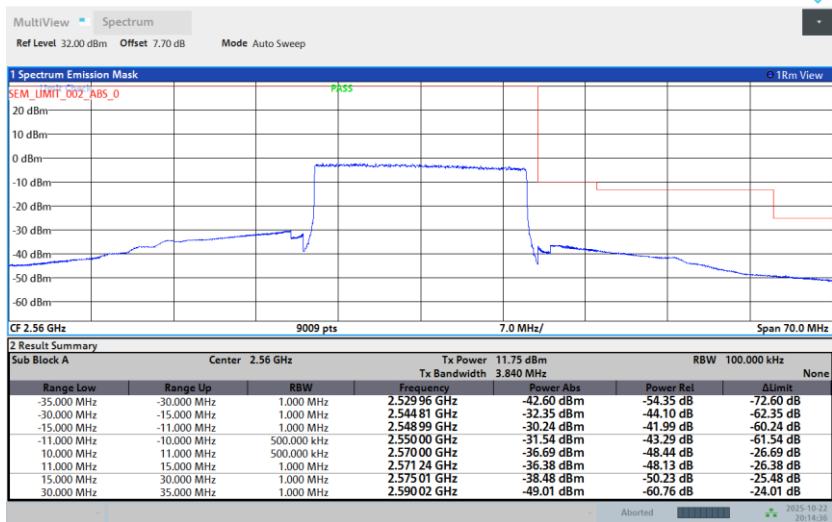
Graph46 High BAND EDGE BLOCK-20MHz-100%RB



Graph47 High BAND EDGE BLOCK-1RB-High_offset



Graph48 High BAND EDGE BLOCK-20MHz-100%RB





CONDUCTED SPURIOUS EMISSION

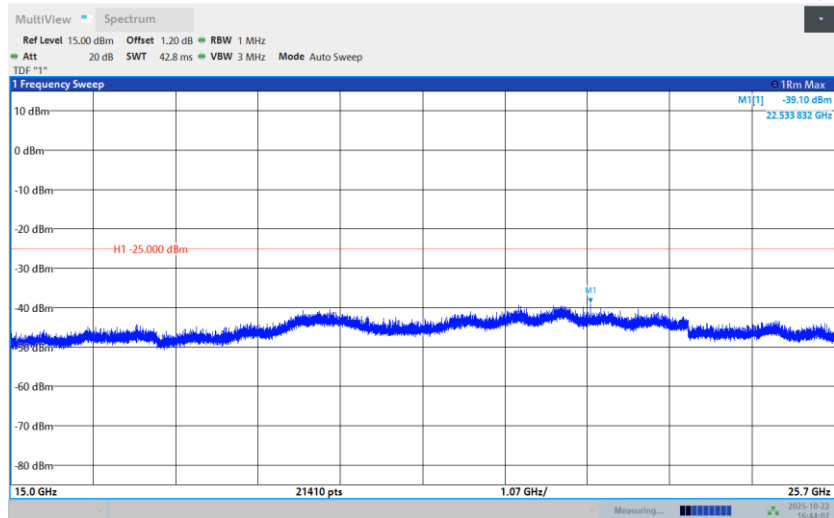
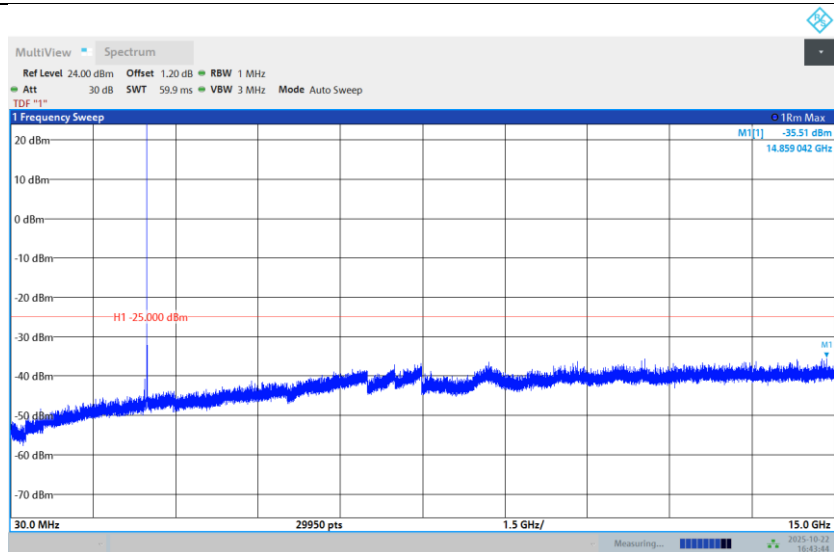
Test Result

Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
5MHz	QPSK	20775	1RB Low	See Graph1	PASS
5MHz	QPSK	21100	1RB Low	See Graph2	PASS
5MHz	QPSK	21425	1RB Low	See Graph3	PASS
10MHz	QPSK	20800	1RB Low	See Graph4	PASS
10MHz	QPSK	21100	1RB Low	See Graph5	PASS
10MHz	QPSK	21400	1RB Low	See Graph6	PASS
15MHz	QPSK	20825	1RB Low	See Graph7	PASS
15MHz	QPSK	21100	1RB Low	See Graph8	PASS
15MHz	QPSK	21375	1RB Low	See Graph9	PASS
20MHz	QPSK	20850	1RB Low	See Graph10	PASS
20MHz	QPSK	21100	1RB Low	See Graph11	PASS
20MHz	QPSK	21350	1RB Low	See Graph12	PASS

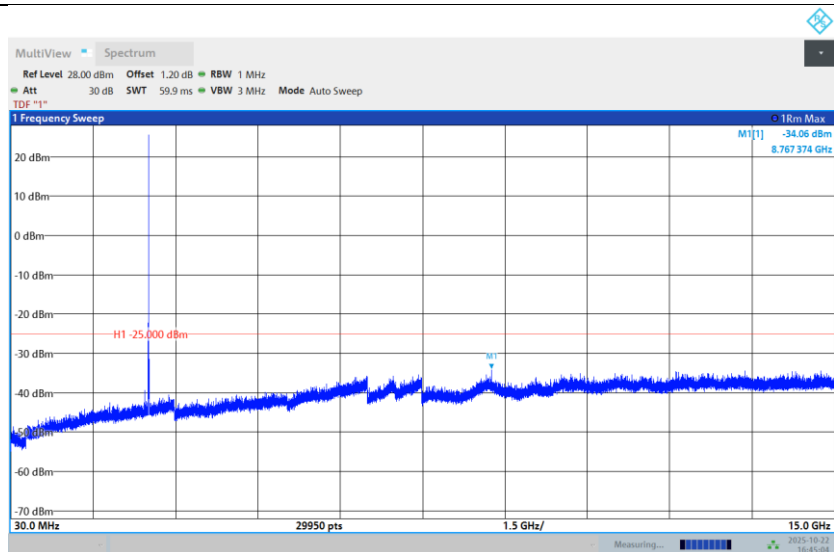


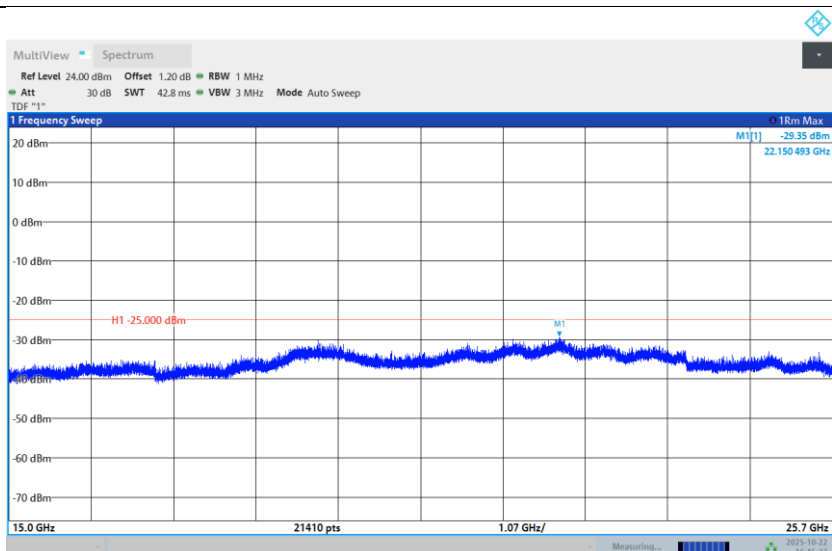
Test Graphs

Graph1

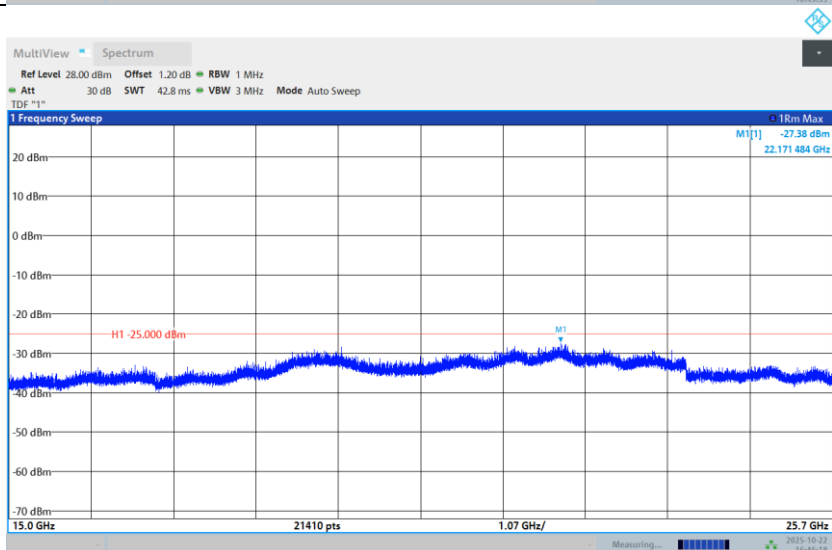
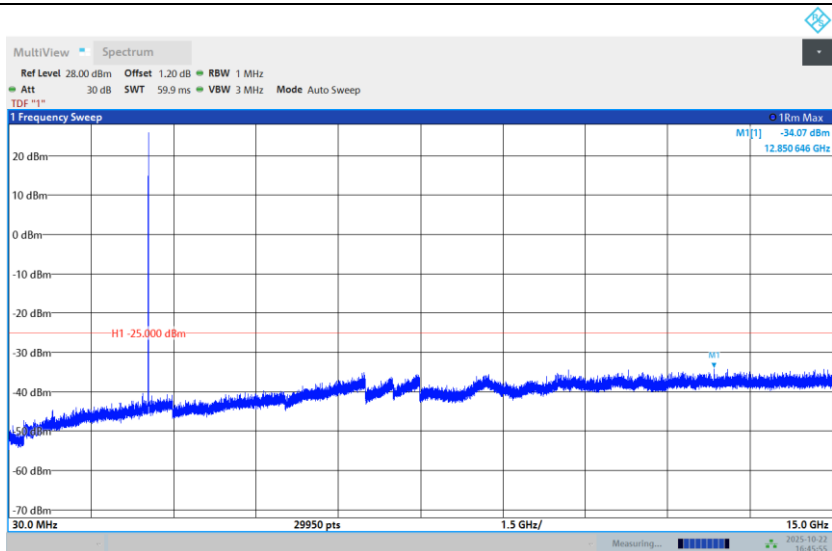


Graph2

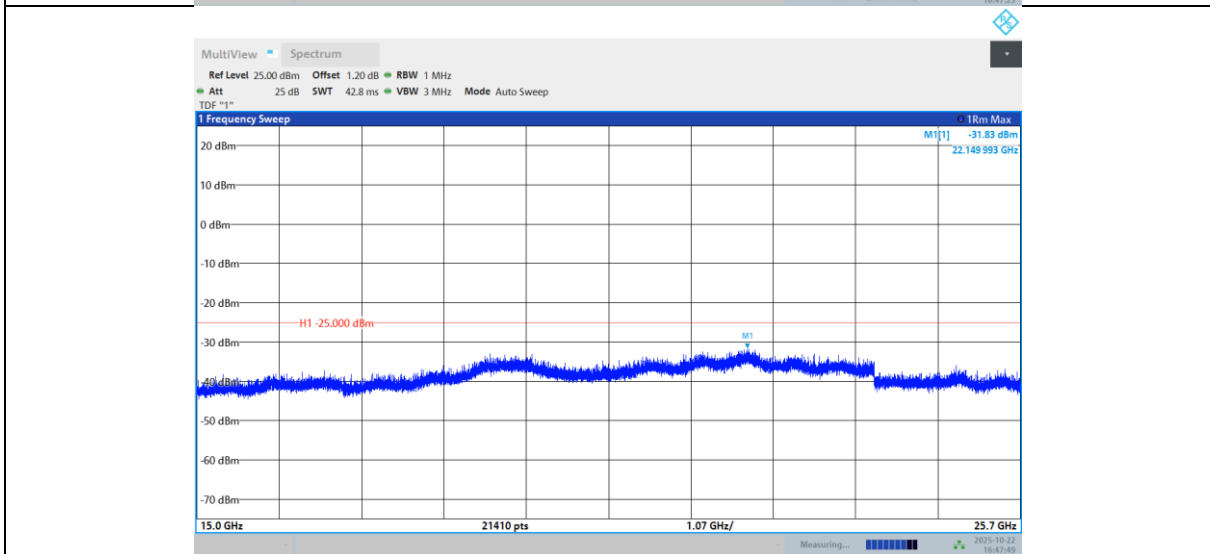
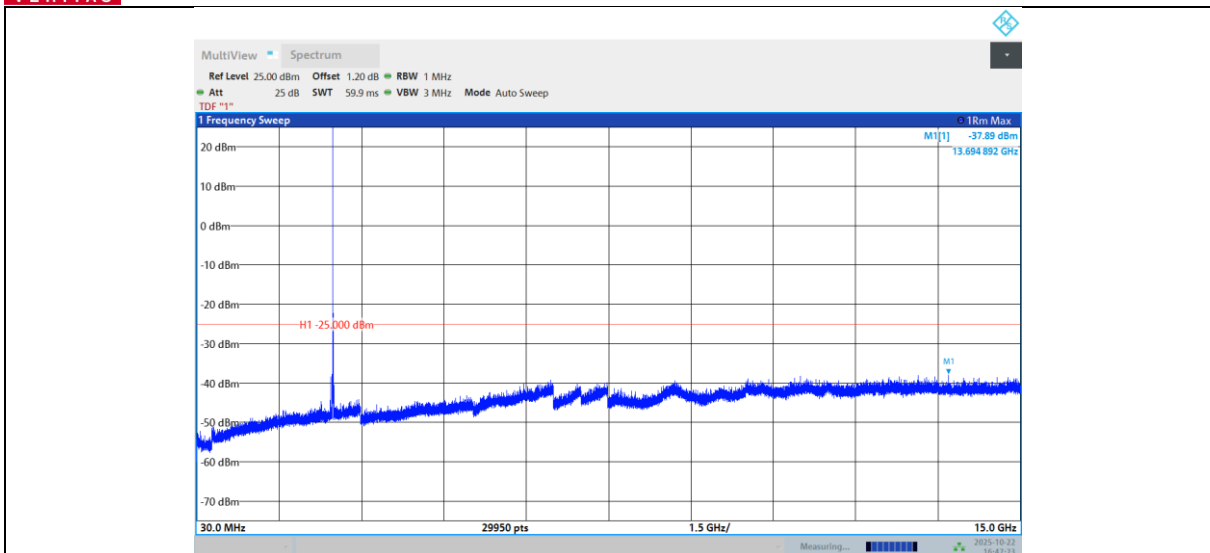




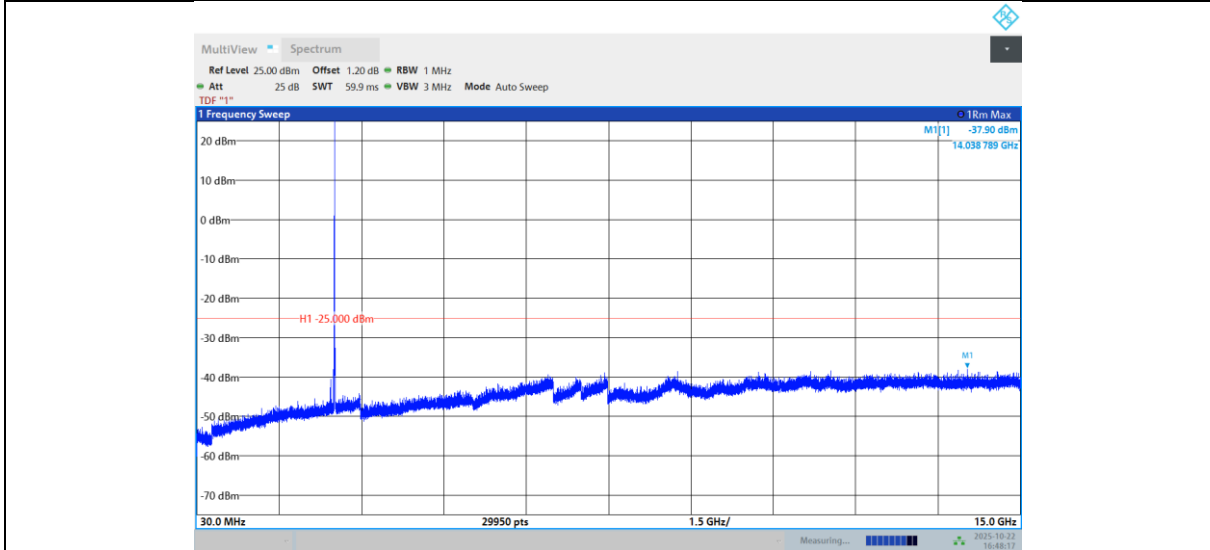
Graph3

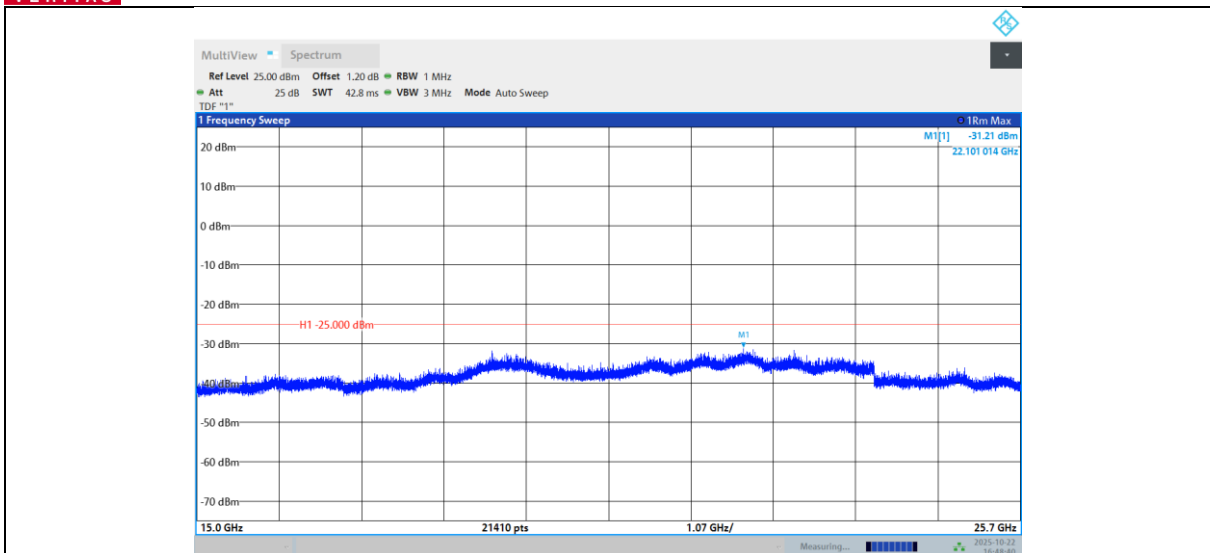


Graph4

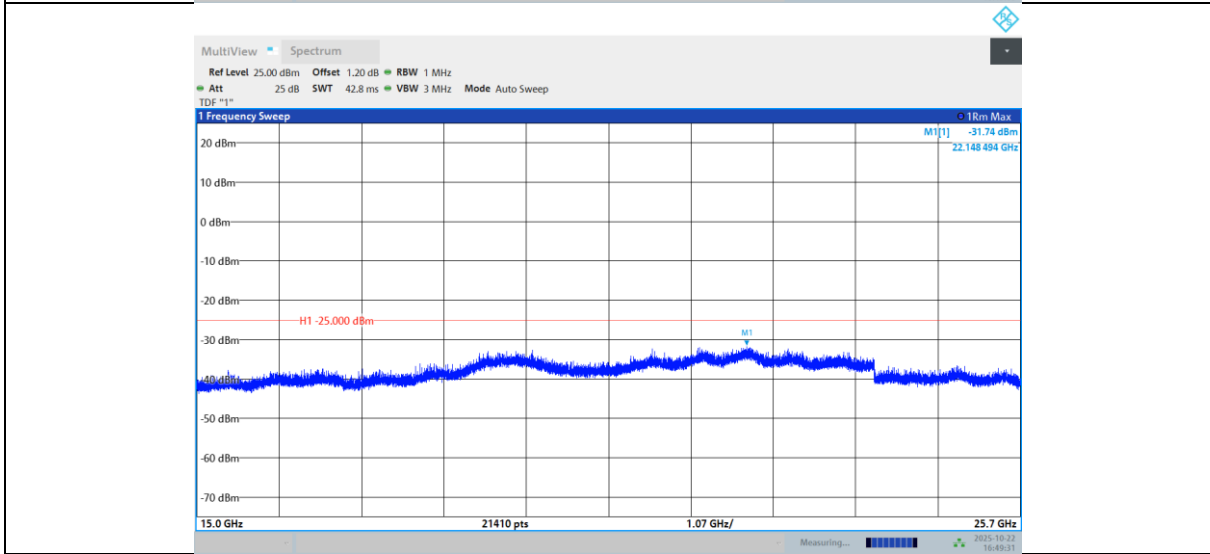
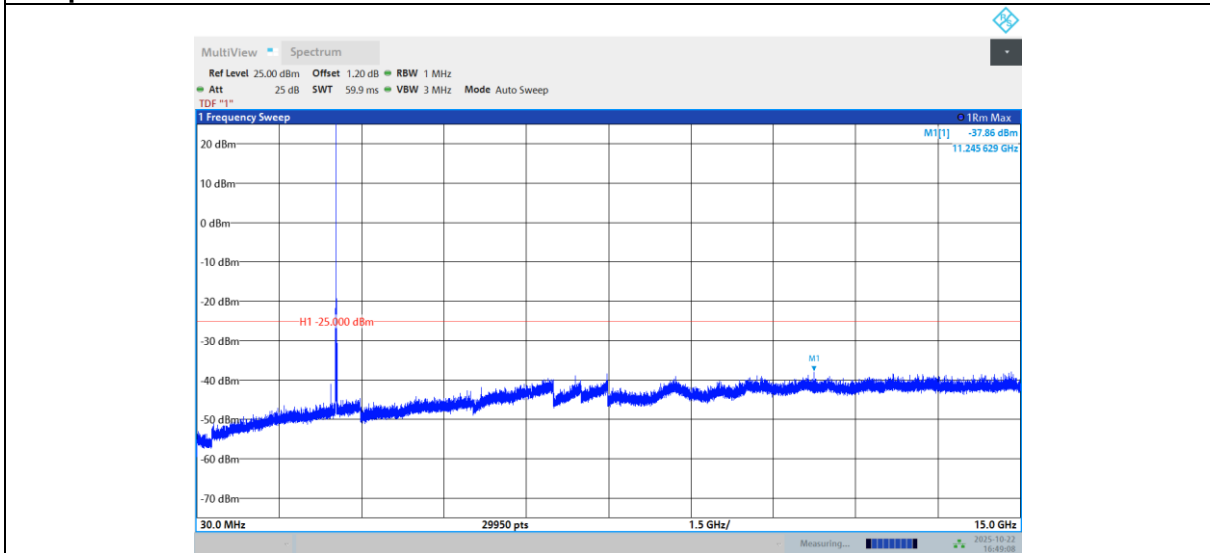


Graph5

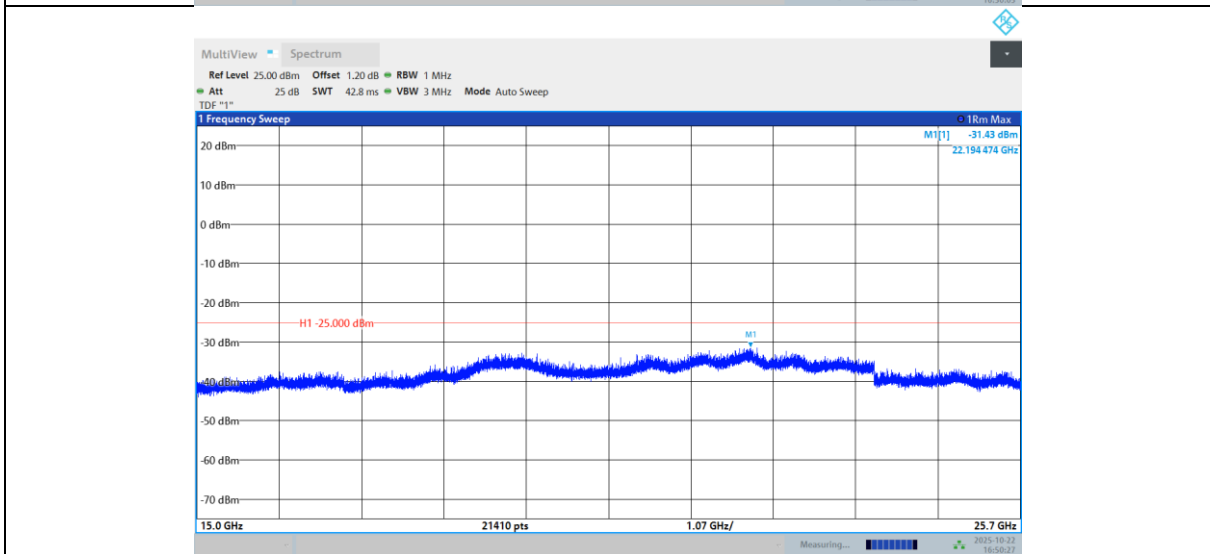
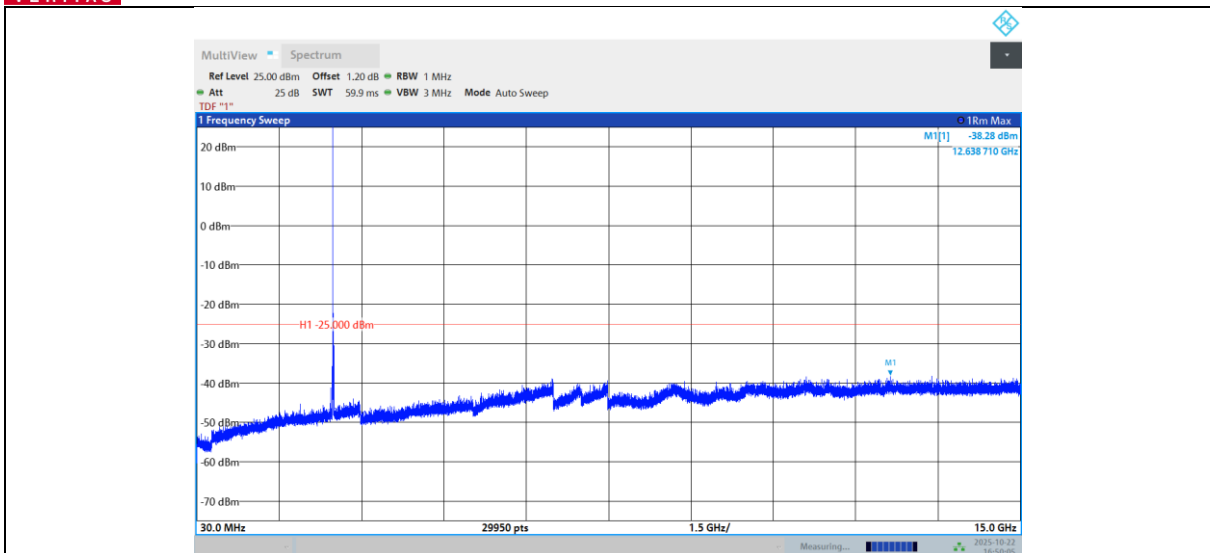




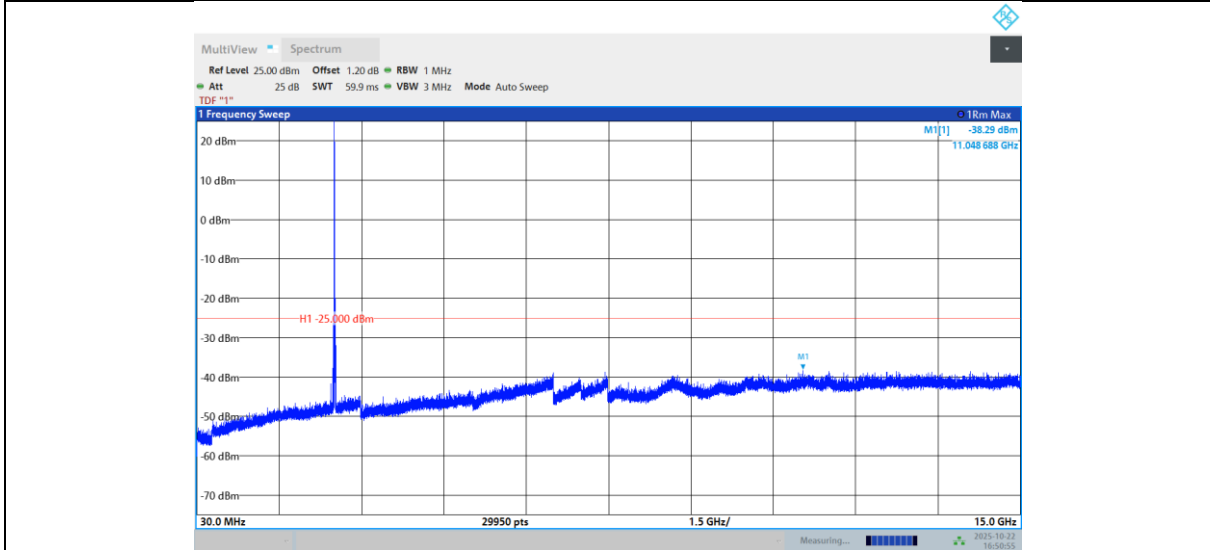
Graph6

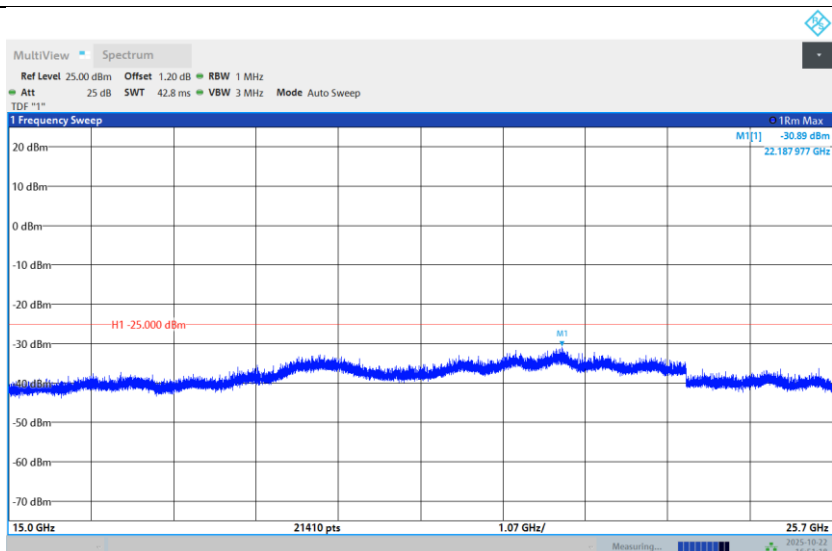


Graph7

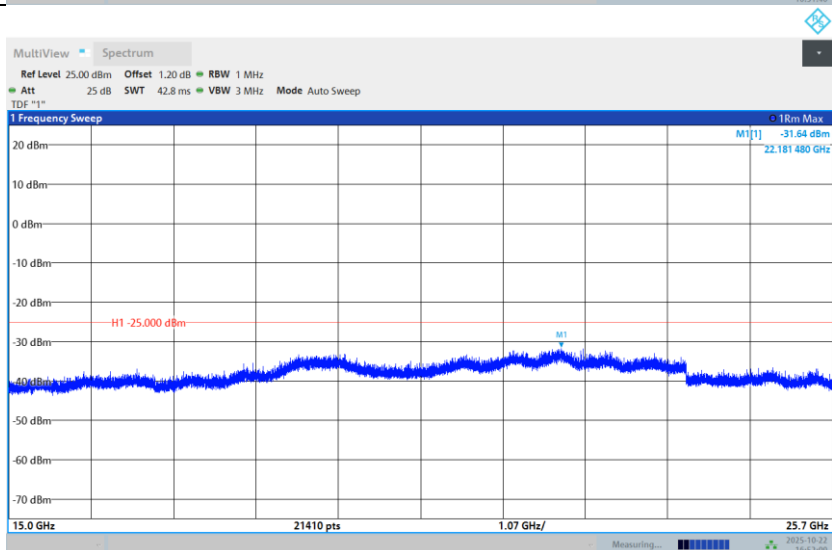
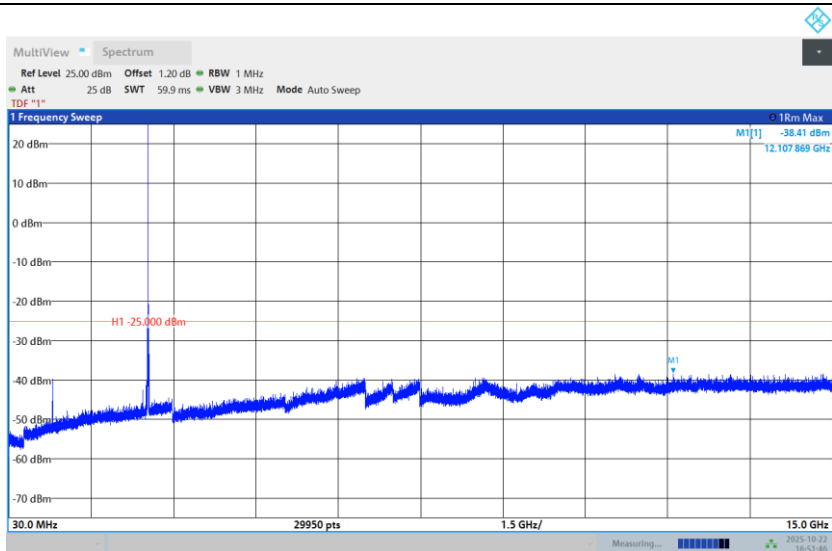


Graph8

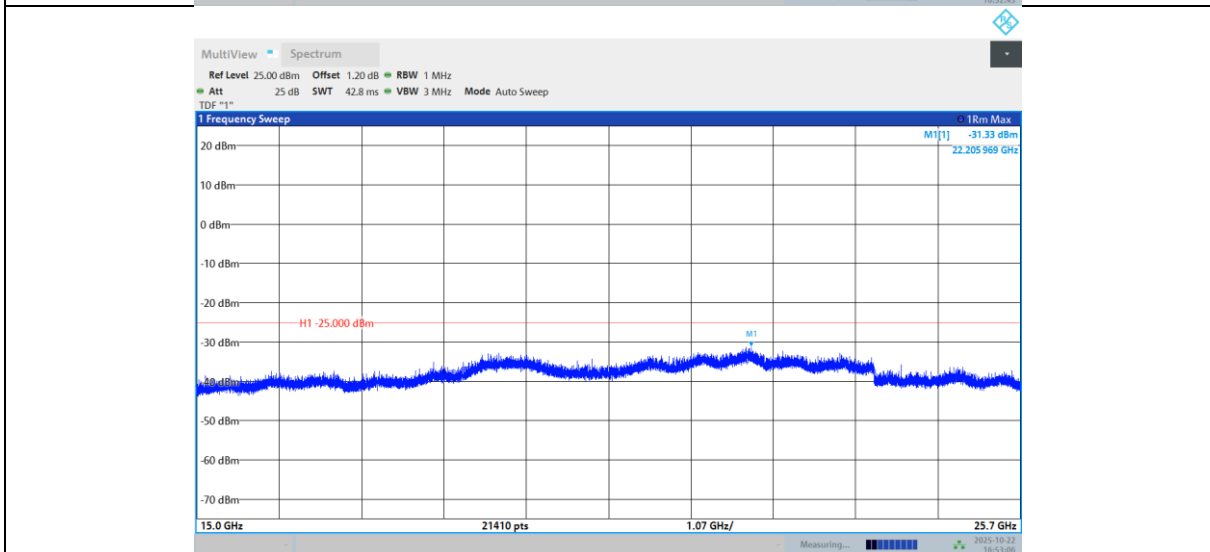
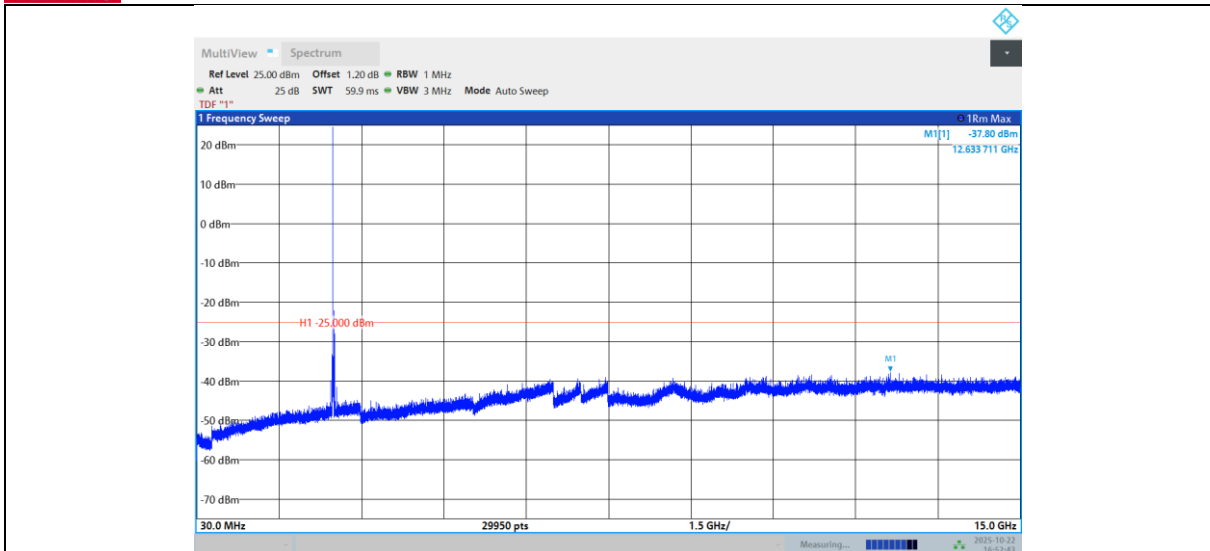




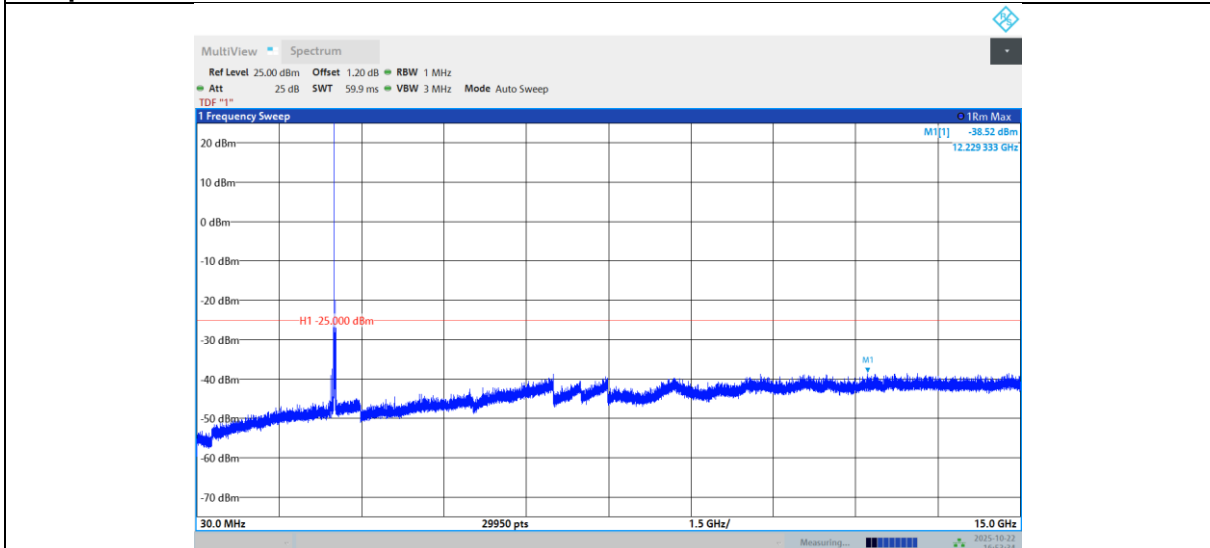
Graph9

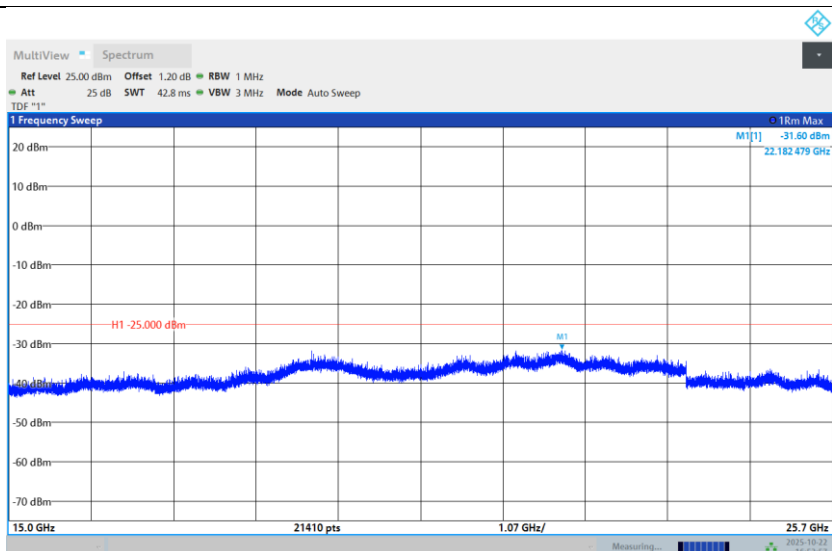


Graph10

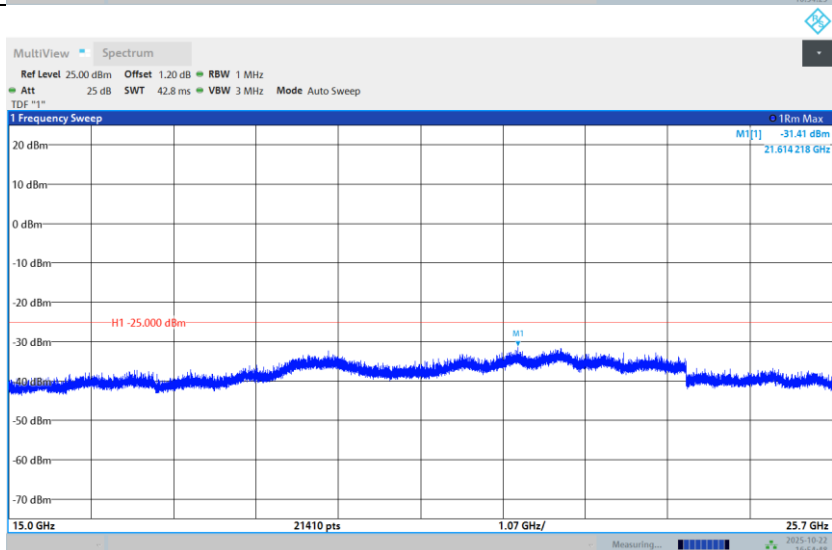
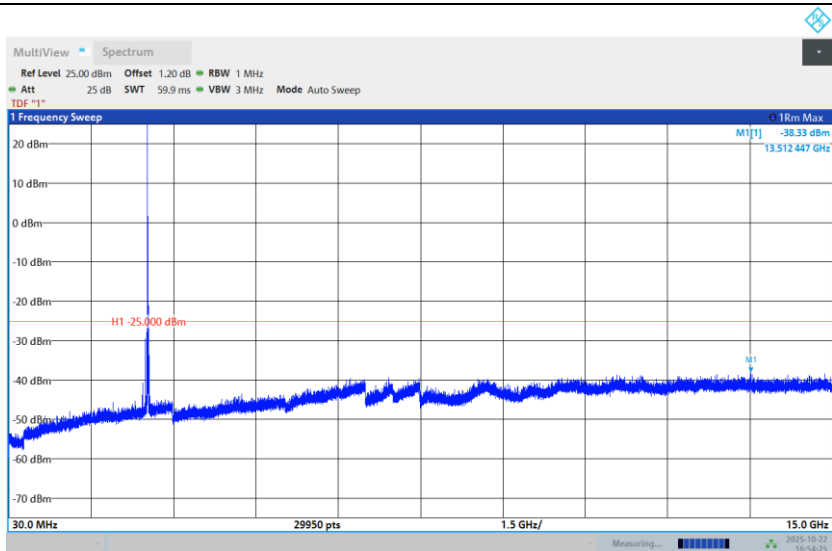


Graph11





Graph12





FREQUENCY STABILITY

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature(°C)	Deviation(Hz)	Deviation (ppm)	Limit(ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	-165.80	-0.0661	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-100.51	-0.0400	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	-147.19	-0.0586	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-15.11	-0.0060	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-133.09	-0.0525	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-141.03	-0.0556	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-169.80	-0.0663	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-147.82	-0.0577	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-167.60	-0.0655	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature(°C)	Deviation(Hz)	Deviation (ppm)	Limit(ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	15.21	0.0061	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-10.51	-0.0042	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	-127.10	-0.0506	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-168.44	-0.0671	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	-95.29	-0.0380	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-128.31	-0.0511	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-18.58	-0.0074	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	15.81	0.0063	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	-106.82	-0.0426	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-7.99	-0.0032	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-104.86	-0.0414	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-41.69	-0.0164	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-35.53	-0.0140	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-70.72	-0.0279	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-104.73	-0.0413	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-62.28	-0.0246	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-49.58	-0.0196	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-168.96	-0.0667	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-63.67	-0.0249	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	19.61	0.0077	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	-56.88	-0.0222	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-160.47	-0.0627	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	14.36	0.0056	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-33.70	-0.0132	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	5.06	0.0020	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-109.05	-0.0426	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-173.21	-0.0677	±2.5	PASS



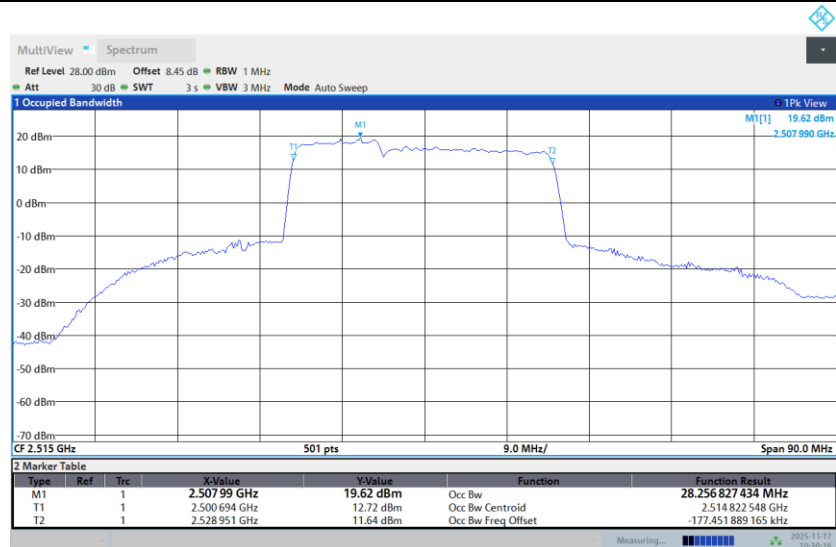
LTE BAND 7C

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

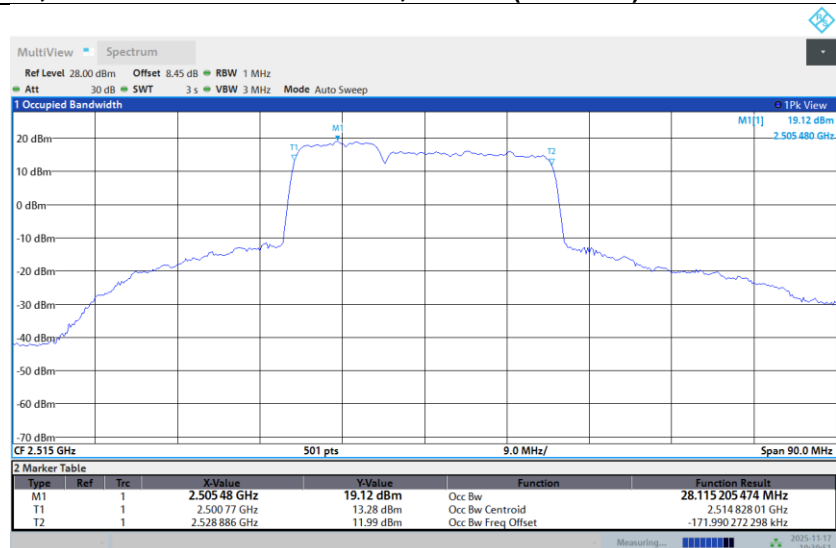
LTE CA band 7, 10MHz+20MHz

Channel	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
Low	28.257	28.115	28.208
Mid	28.328	28.152	28.254
High	28.240	28.096	28.178

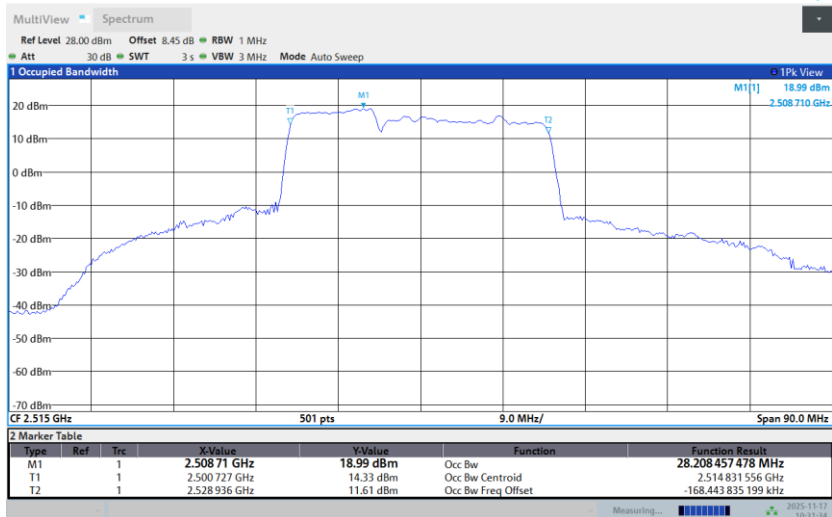
LTE CA band 7 , 10MHz+20MHz Bandwidth,QPSK (99% BW)



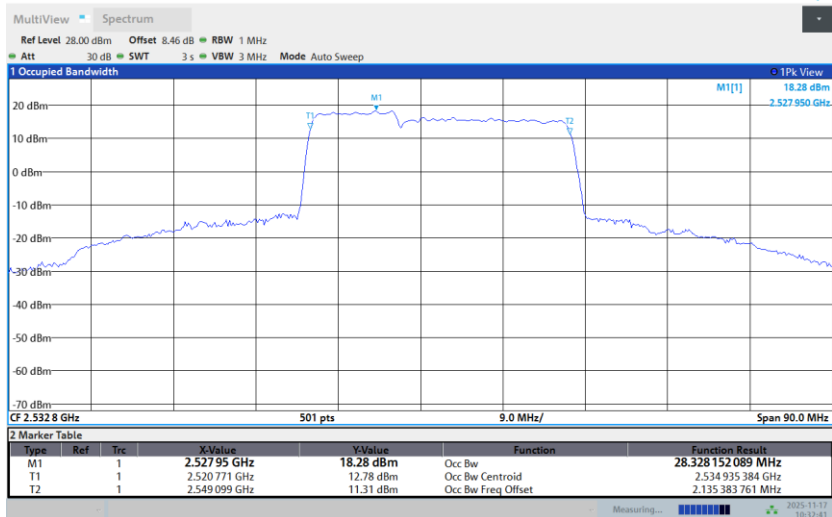
LTE CA band 7 , 10MHz+20MHz Bandwidth,16QAM (99% BW)



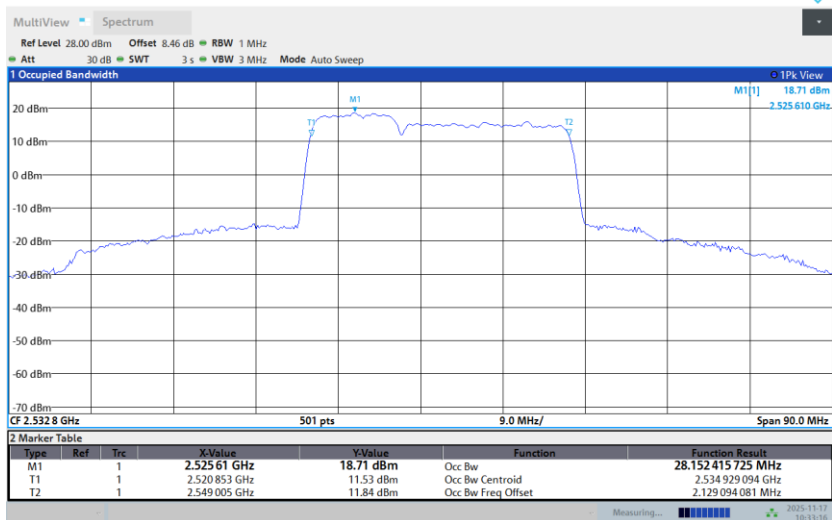
LTE CA band 7 , 10MHz+20MHz Bandwidth,64QAM (99% BW)



LTE CA band 7 , 10MHz+20MHz Bandwidth,QPSK (99% BW)

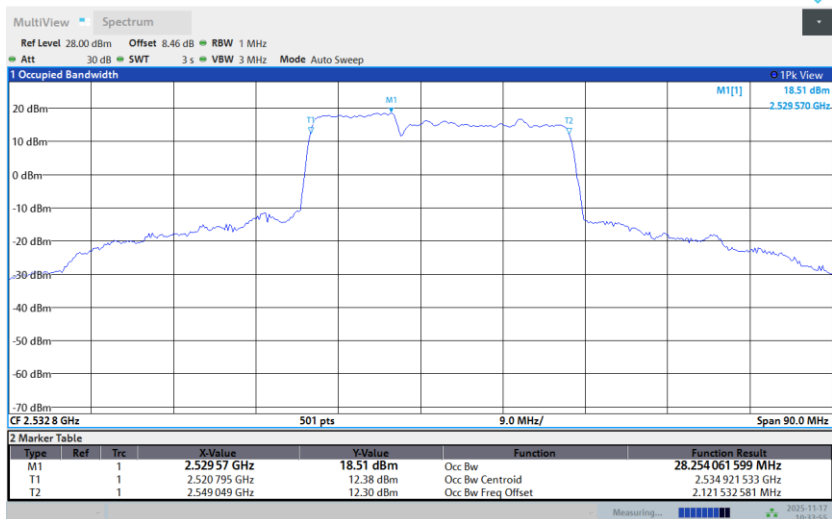


LTE CA band 7 , 10MHz+20MHz Bandwidth,16QAM (99% BW)

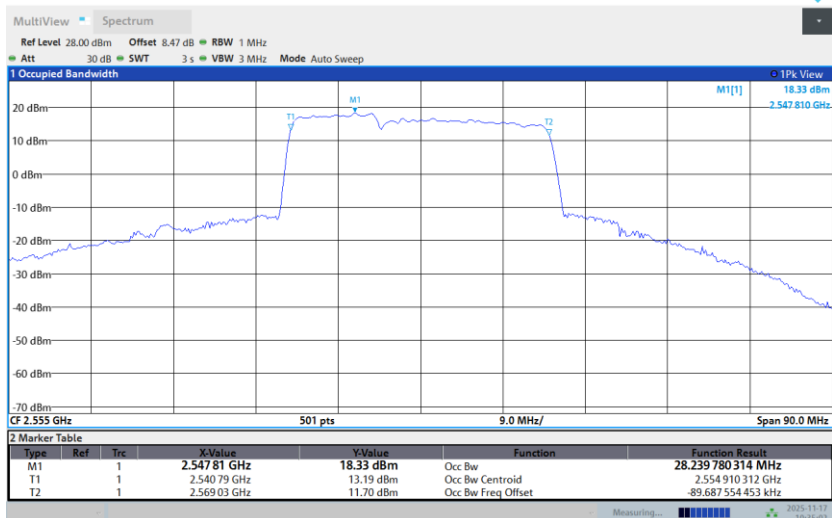




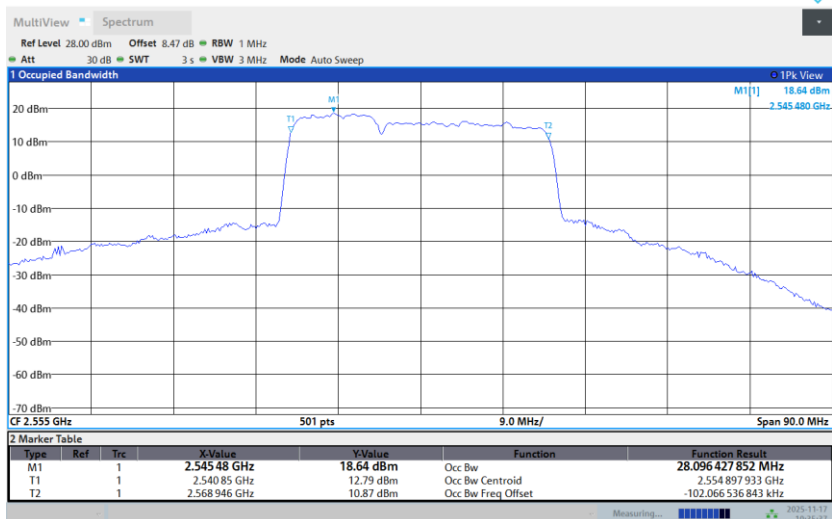
LTE CA band 7 , 10MHz+20MHz Bandwidth,64QAM (99% BW)



LTE CA band 7 , 10MHz+20MHz Bandwidth,QPSK (99% BW)

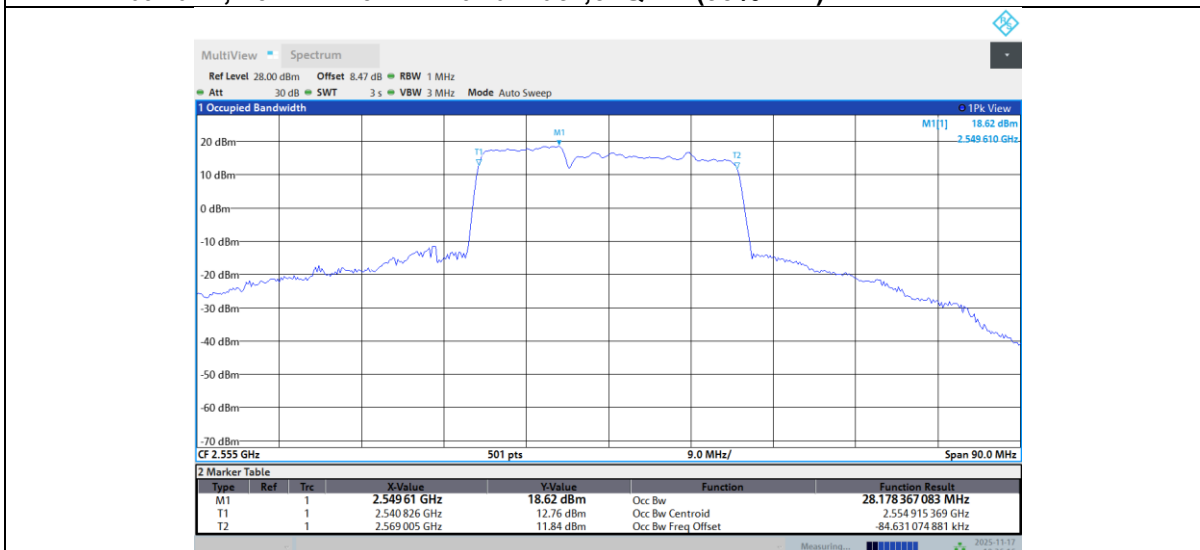


LTE CA band 7 , 10MHz+20MHz Bandwidth,16QAM (99% BW)





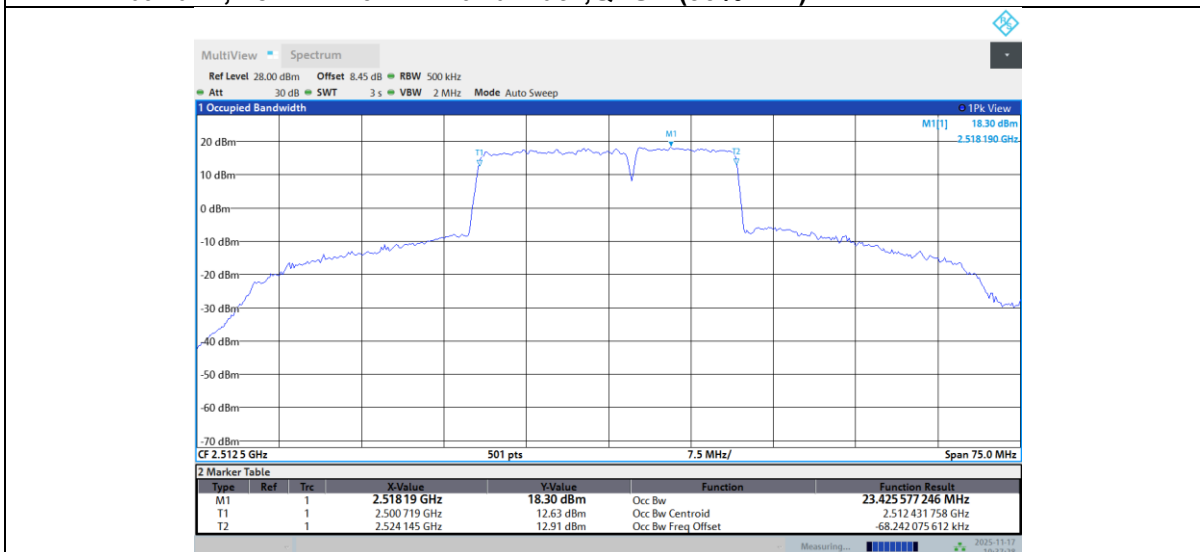
LTE CA band 7 , 10MHz+20MHz Bandwidth,64QAM (99% BW)



LTE CA band 7, 15MHz+10MHz

Channel	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
Low	23.426	23.348	23.311
Mid	23.386	23.364	23.328
High	23.399	23.335	23.299

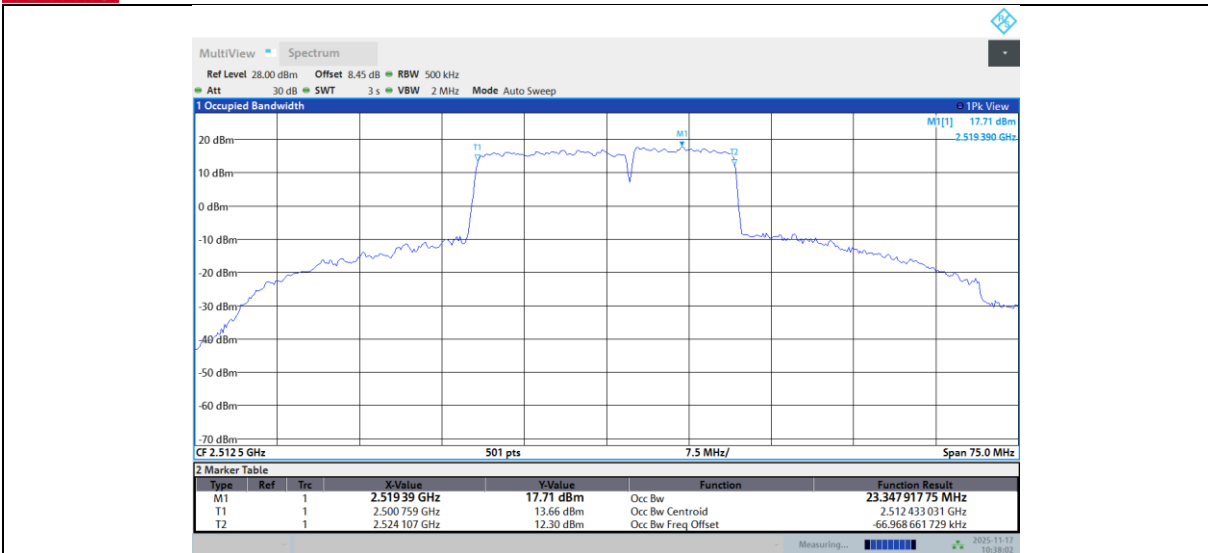
LTE CA band 7 , 15MHz+10MHz Bandwidth,QPSK (99% BW)



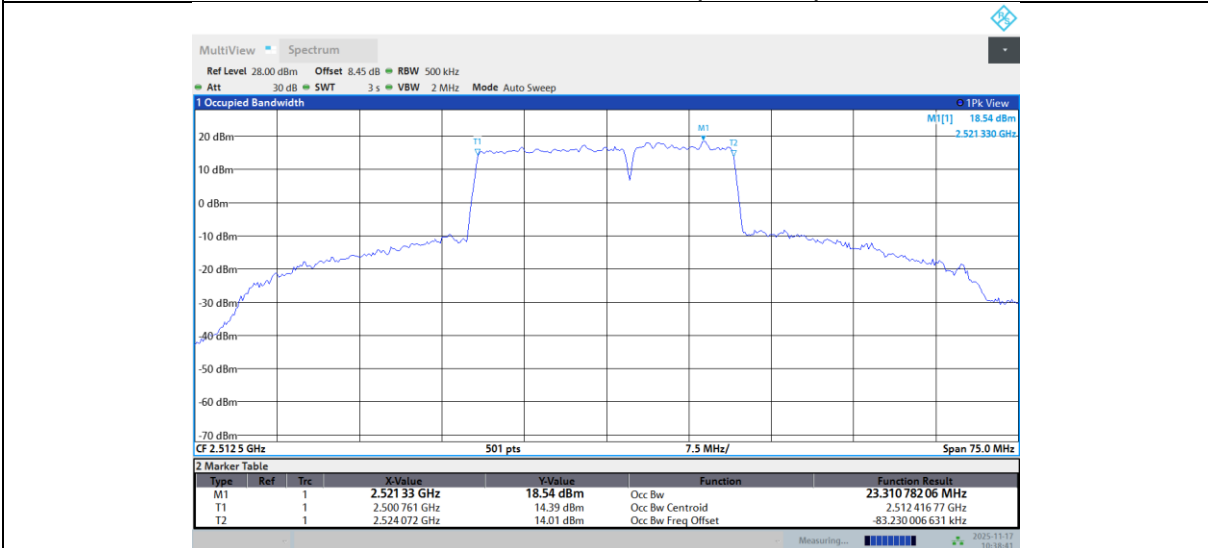
LTE CA band 7 , 15MHz+10MHz Bandwidth,16QAM (99% BW)



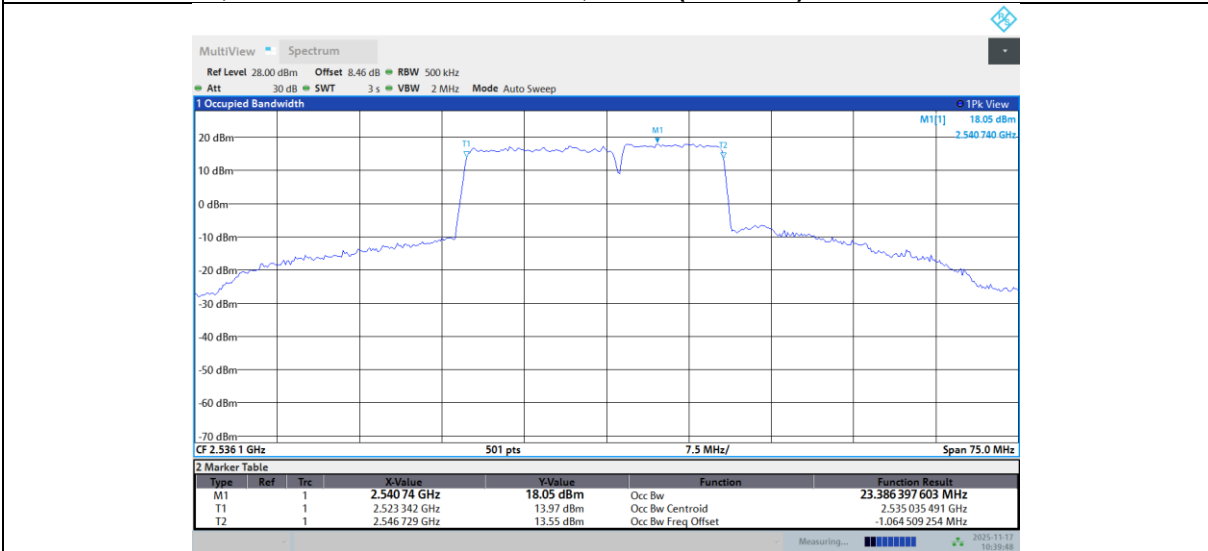
BUREAU VERITAS Test Report No.: PSU-NQN2509250114RF08



LTE CA band 7 , 15MHz+10MHz Bandwidth,64QAM (99% BW)

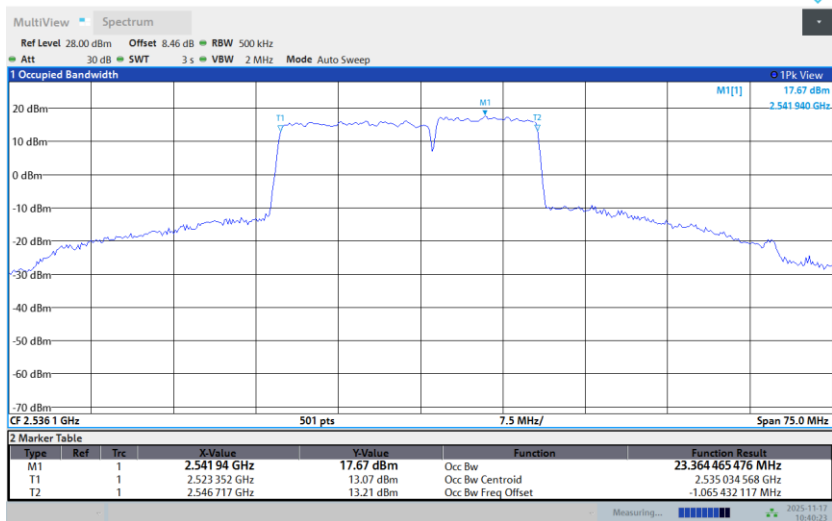


LTE CA band 7 , 15MHz+10MHz Bandwidth,QPSK (99% BW)

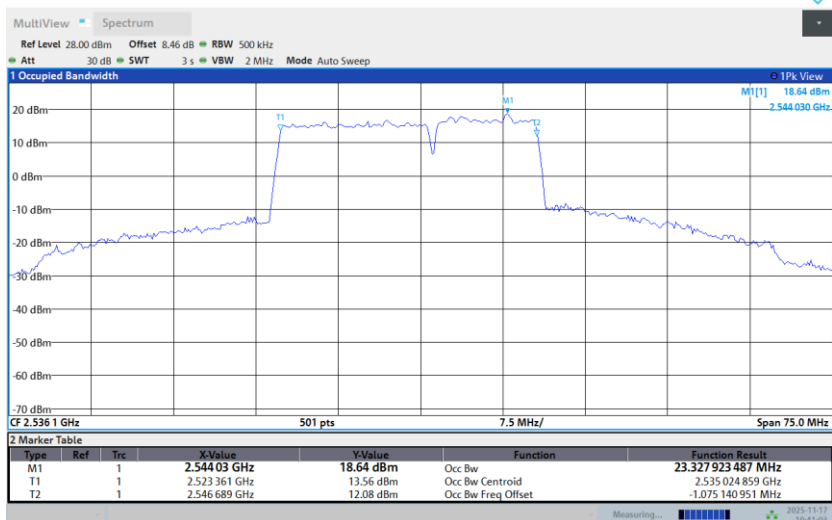




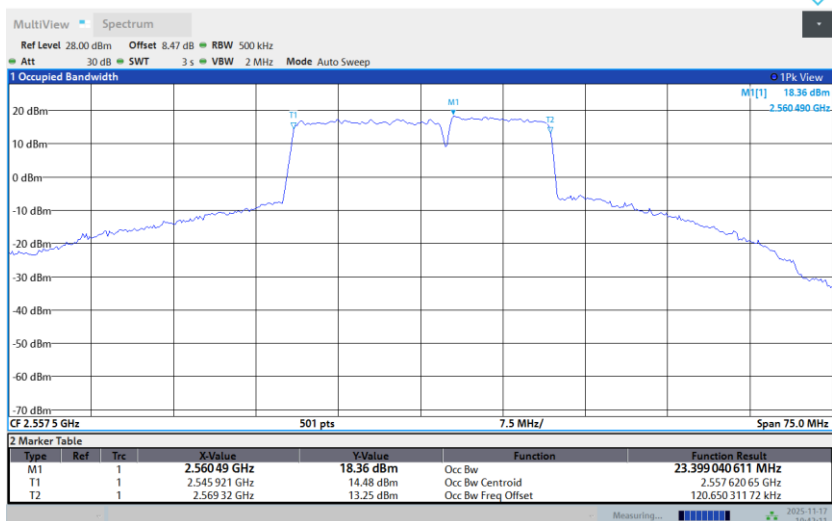
LTE CA band 7 , 15MHz+10MHz Bandwidth,16QAM (99% BW)



LTE CA band 7 , 15MHz+10MHz Bandwidth,64QAM (99% BW)

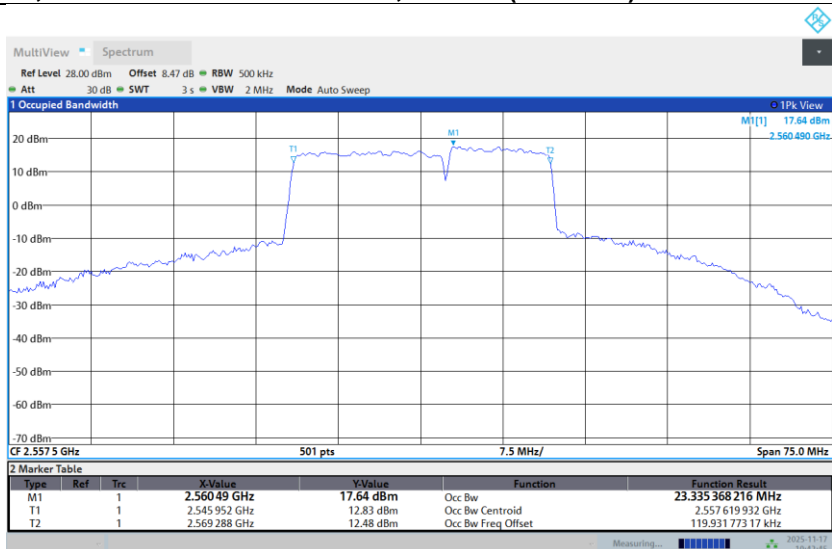


LTE CA band 7 , 15MHz+10MHz Bandwidth,QPSK (99% BW)

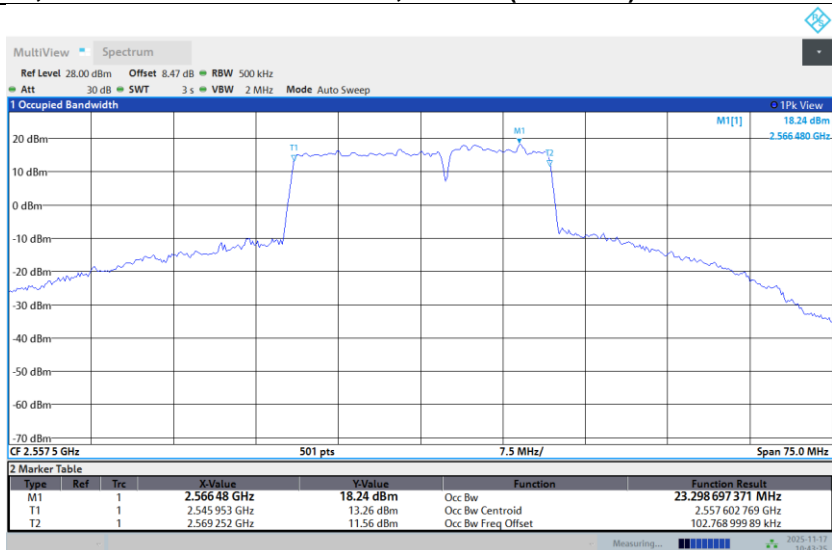




LTE CA band 7 , 15MHz+10MHz Bandwidth,16QAM (99% BW)



LTE CA band 7 , 15MHz+10MHz Bandwidth,64QAM (99% BW)

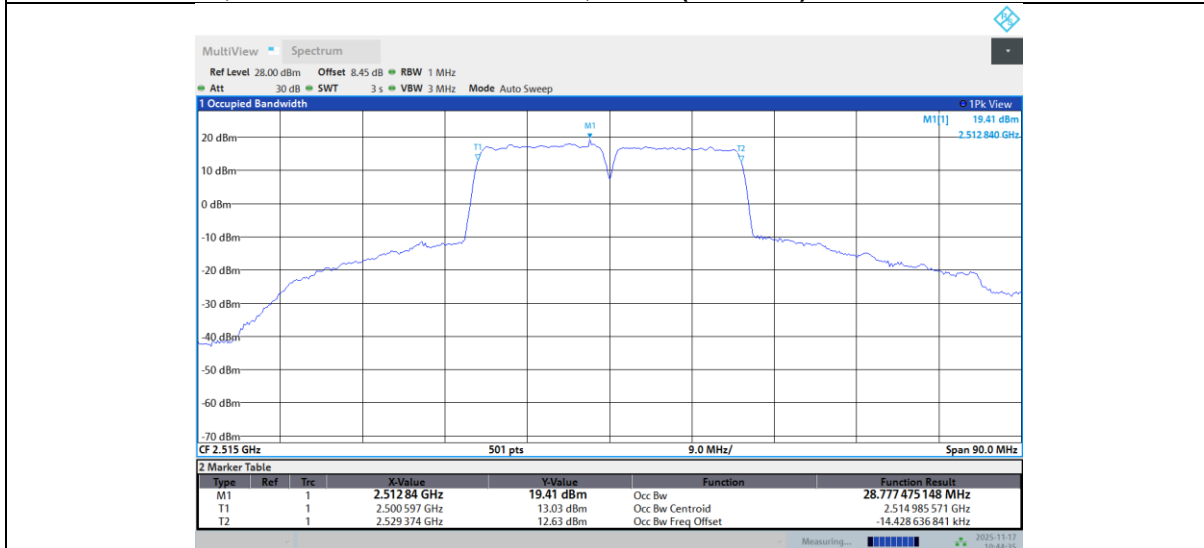




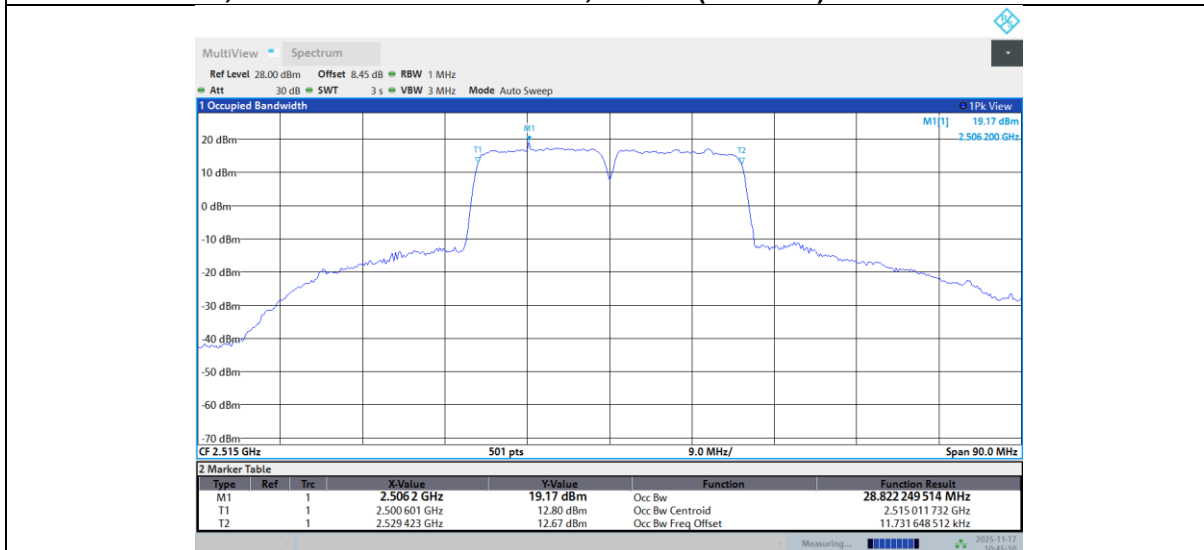
LTE CA band 7, 15MHz+15MHz

Channel	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
Low	28.777	28.822	28.747
Mid	28.833	28.867	28.816
High	28.740	28.782	28.709

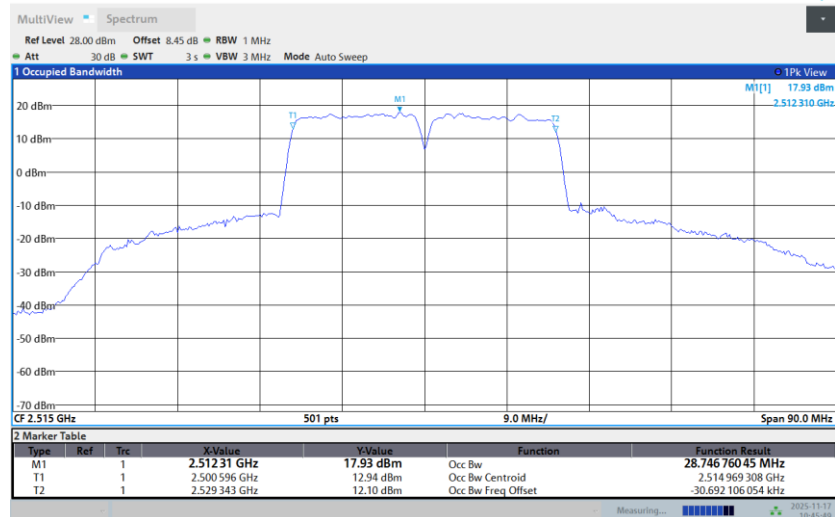
LTE CA band 7 , 15MHz+15MHz Bandwidth,QPSK (99% BW)



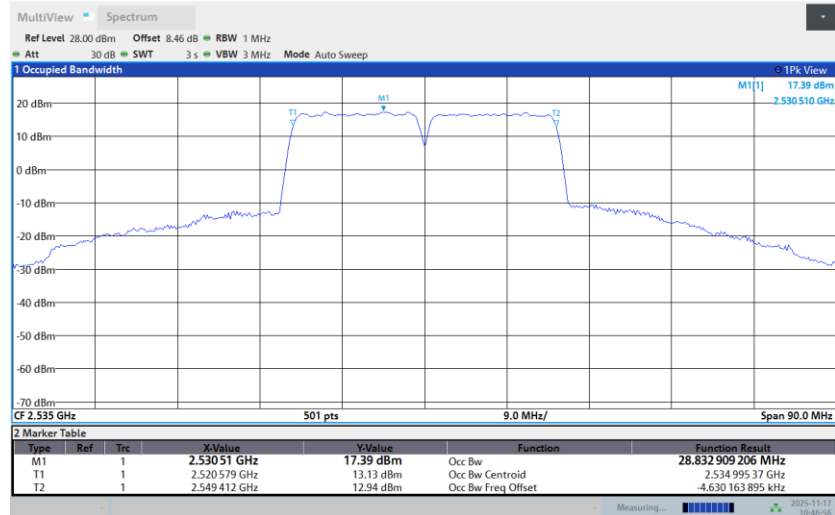
LTE CA band 7 , 15MHz+15MHz Bandwidth,16QAM (99% BW)



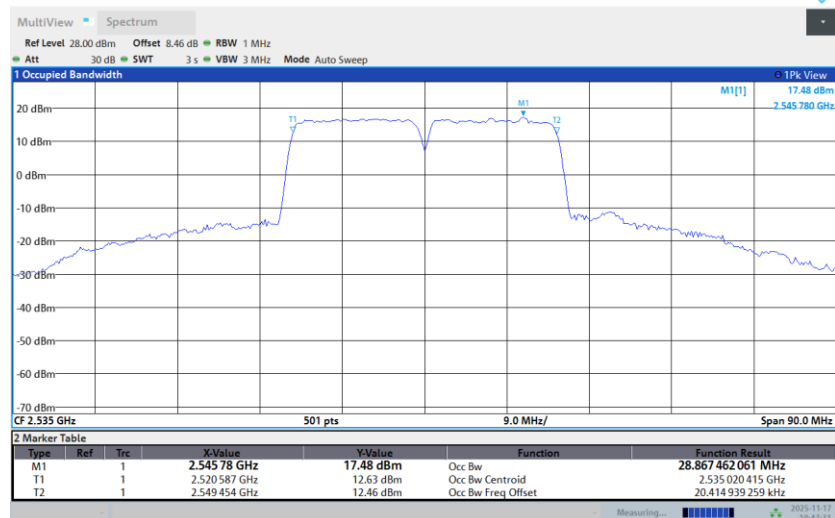
LTE CA band 7 , 15MHz+15MHz Bandwidth,64QAM (99% BW)



LTE CA band 7 , 15MHz+15MHz Bandwidth,QPSK (99% BW)

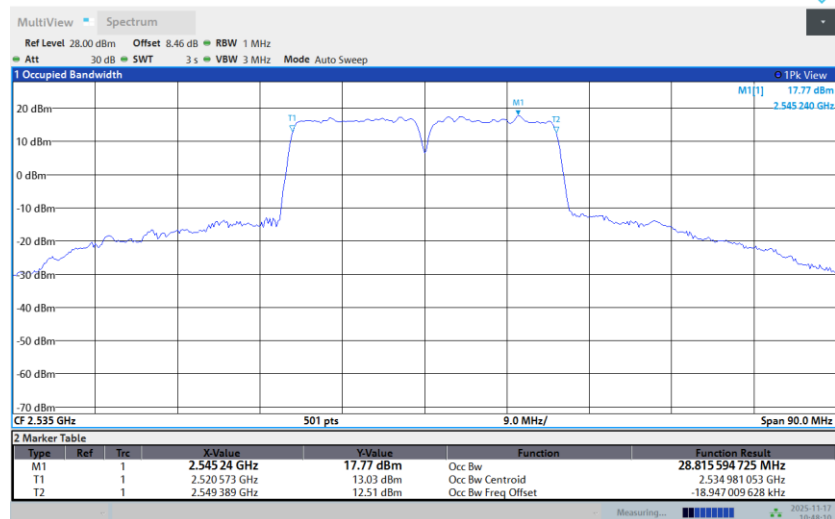


LTE CA band 7 , 15MHz+15MHz Bandwidth,16QAM (99% BW)

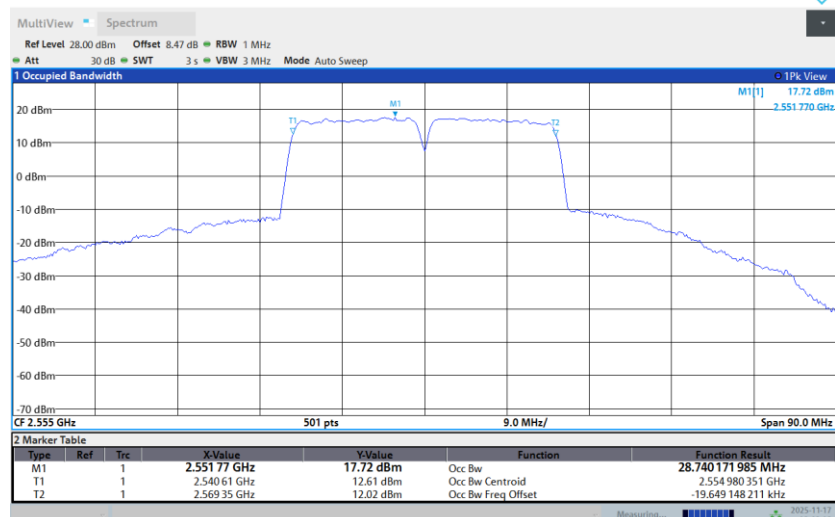




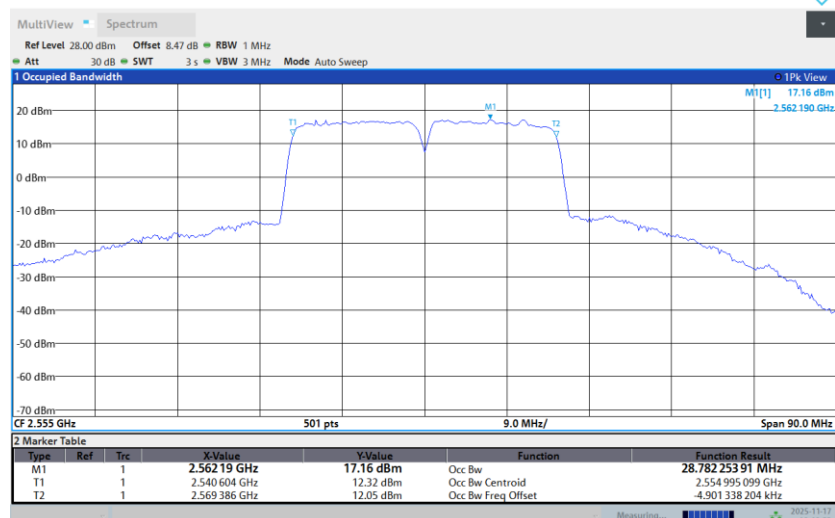
LTE CA band 7 , 15MHz+15MHz Bandwidth,64QAM (99% BW)



LTE CA band 7 , 15MHz+15MHz Bandwidth,QPSK (99% BW)

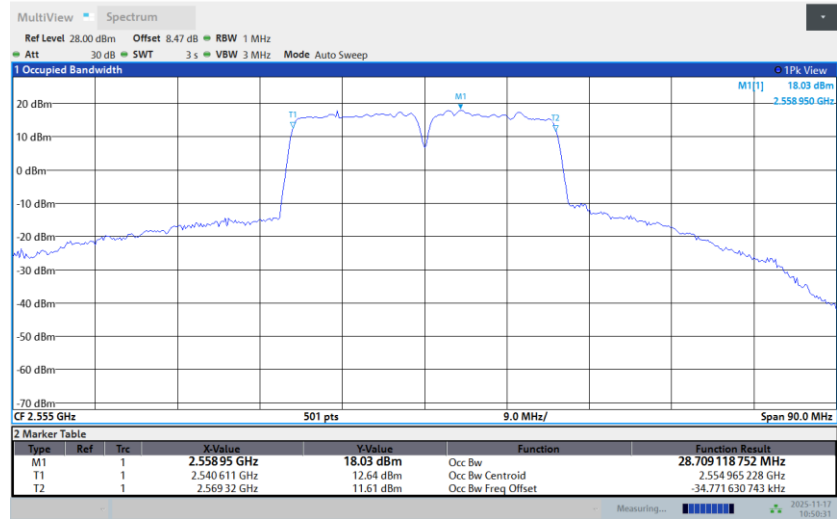


LTE CA band 7 , 15MHz+15MHz Bandwidth,16QAM (99% BW)





LTE CA band 7 , 15MHz+15MHz Bandwidth,64QAM (99% BW)

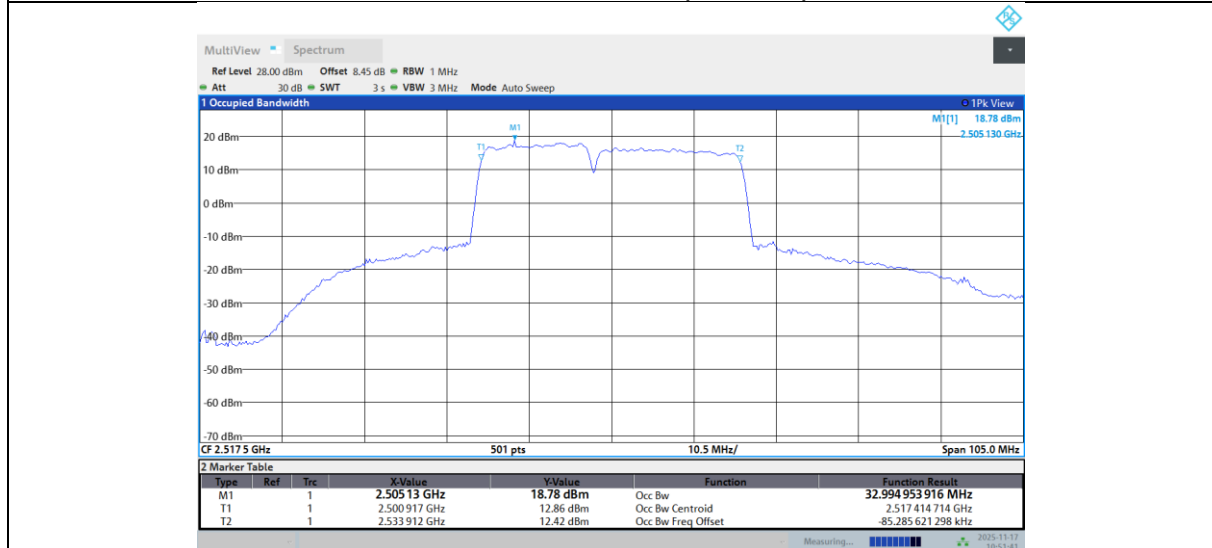




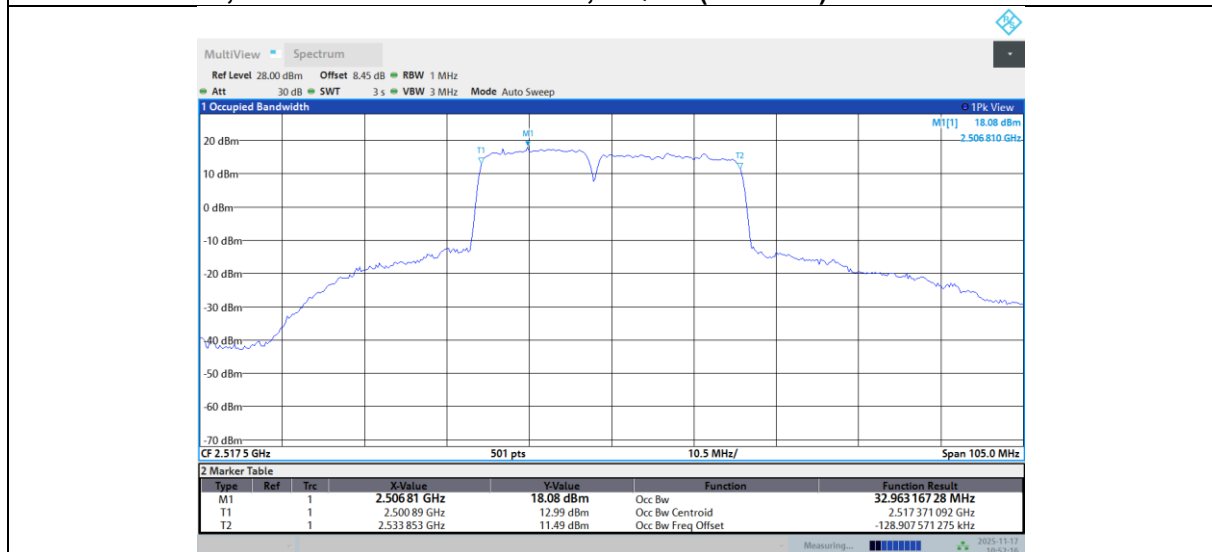
LTE CA band 7, 15MHz+20MHz

Channel	Occupied Bandwidth (99%) (MHz)		
	QPSK	16QAM	64QAM
Low	32.995	32.963	32.993
Mid	33.048	32.993	33.053
High	32.941	32.906	32.941

LTE CA band 7, 15MHz+20MHz Bandwidth,QPSK (99% BW)



LTE CA band 7, 15MHz+20MHz Bandwidth,16QAM (99% BW)



LTE CA band 7, 15MHz+20MHz Bandwidth,64QAM (99% BW)