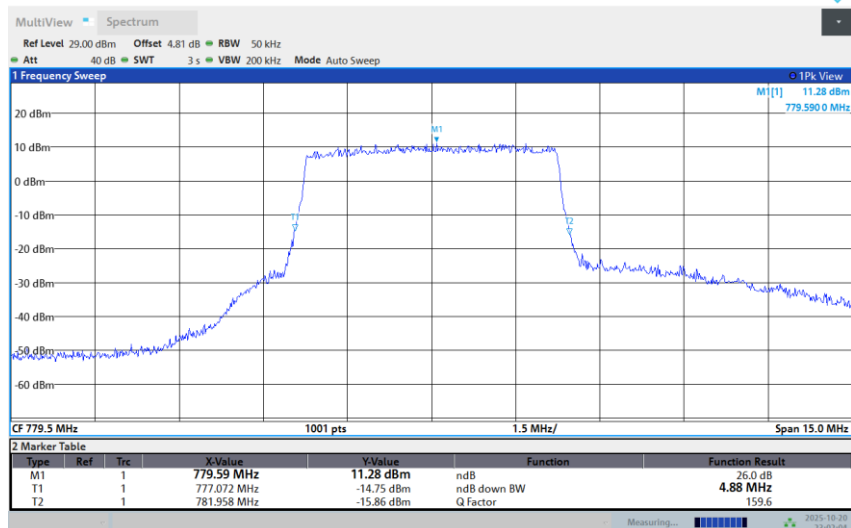
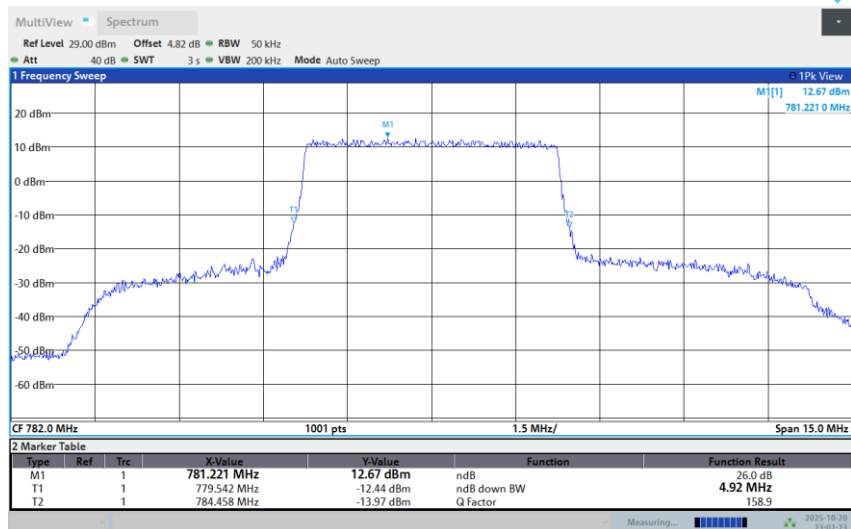
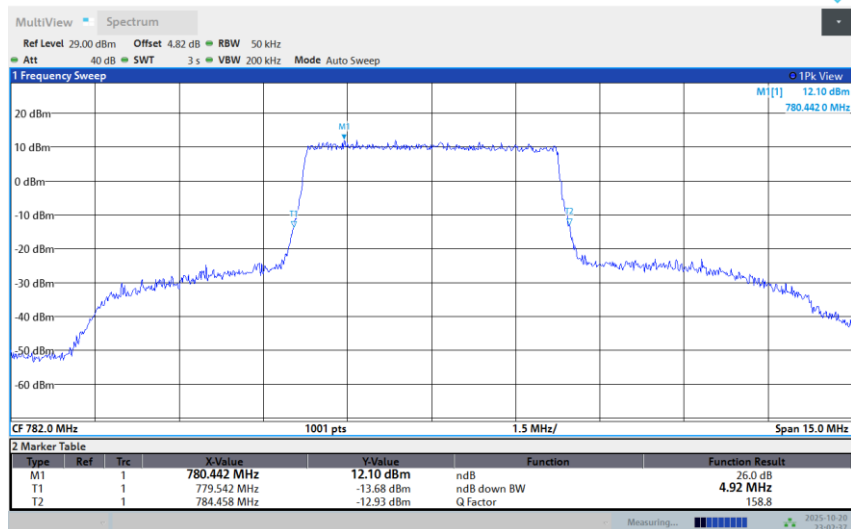




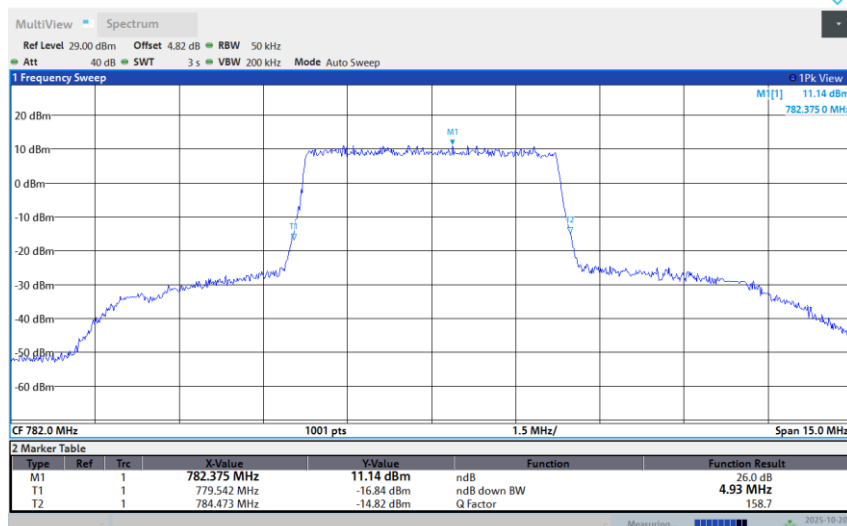
Band 13-5M-MID-QPSK-Full RB



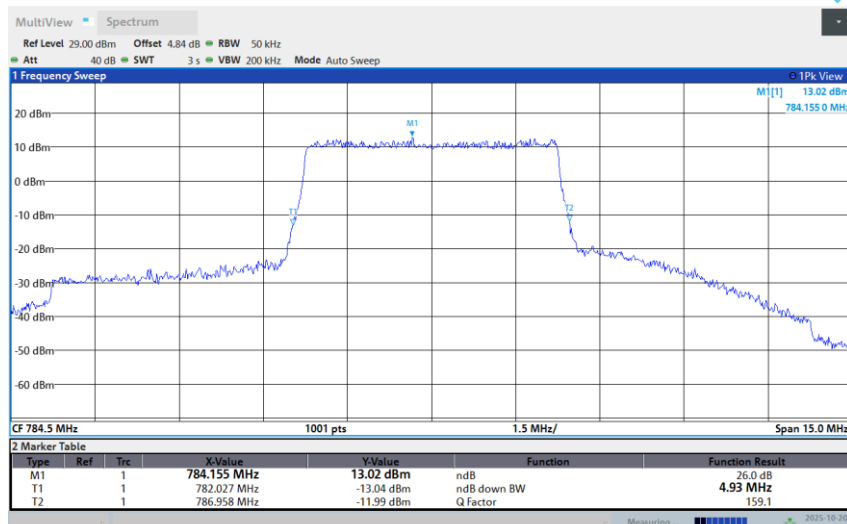
Band 13-5M-MID-16QAM-Full RB



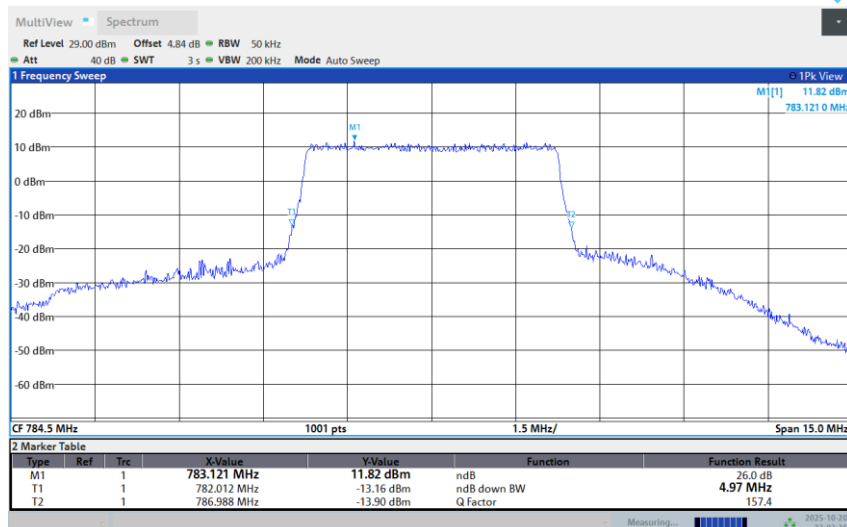
Band 13-5M-MID-64QAM-Full RB



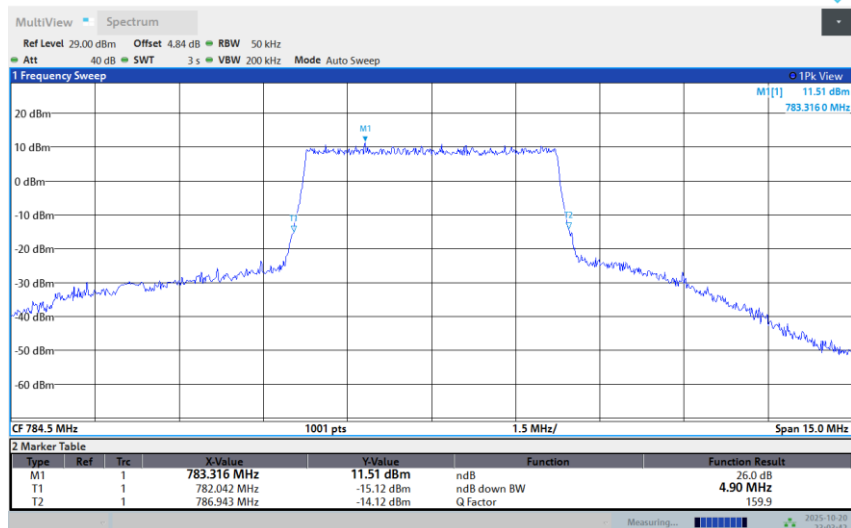
Band 13-5M-HIGH-QPSK-Full RB



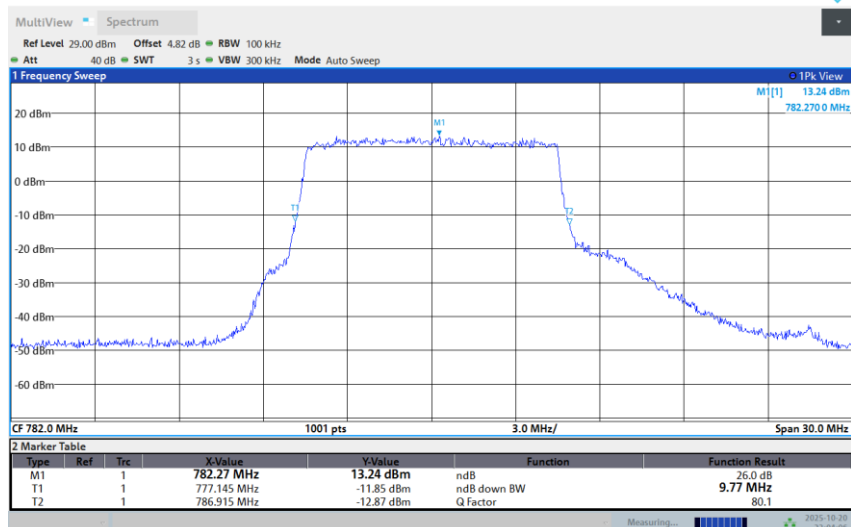
Band 13-5M-HIGH-16QAM-Full RB



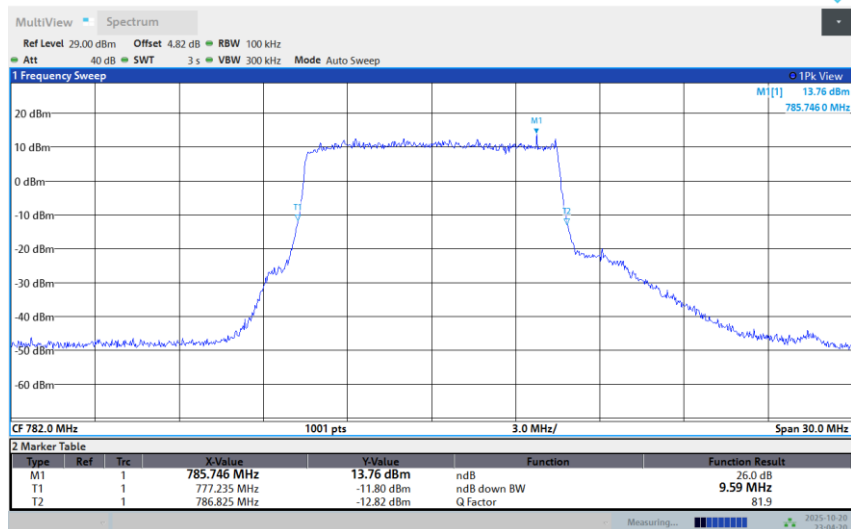
Band 13-5M-HIGH-64QAM-Full RB



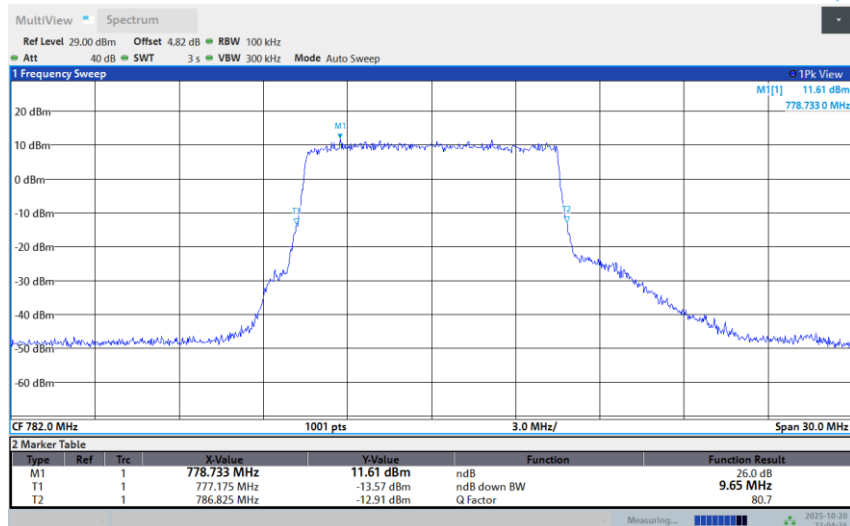
Band 13-10M-LOW-QPSK-Full RB



Band 13-10M-LOW-16QAM-Full RB



Band 13-10M-LOW-64QAM-Full RB





BAND EDGE

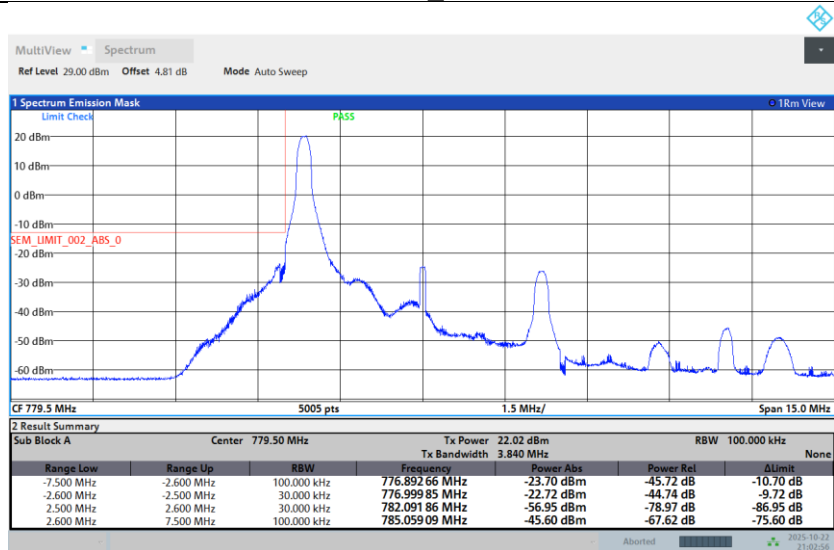
Test Result

Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
5MHz	QPSK	23205	1RB Low	See Graph	PASS
5MHz	QPSK	23205	Full RB	See Graph	PASS
5MHz	16QAM	23205	1RB Low	See Graph	PASS
5MHz	16QAM	23205	Full RB	See Graph	PASS
5MHz	64QAM	23205	1RB Low	See Graph	PASS
5MHz	64QAM	23205	Full RB	See Graph	PASS
5MHz	QPSK	23255	1RB High	See Graph	PASS
5MHz	QPSK	23255	Full RB	See Graph	PASS
5MHz	16QAM	23255	1RB High	See Graph	PASS
5MHz	16QAM	23255	Full RB	See Graph	PASS
5MHz	64QAM	23255	1RB High	See Graph	PASS
5MHz	64QAM	23255	Full RB	See Graph	PASS
10MHz	QPSK	23230	1RB Low	See Graph	PASS
10MHz	QPSK	23230	1RB High	See Graph	PASS
10MHz	QPSK	23230	Full RB	See Graph	PASS
10MHz	16QAM	23230	1RB Low	See Graph	PASS
10MHz	16QAM	23230	1RB High	See Graph	PASS
10MHz	16QAM	23230	Full RB	See Graph	PASS
10MHz	64QAM	23230	1RB Low	See Graph	PASS
10MHz	64QAM	23230	1RB High	See Graph	PASS
10MHz	64QAM	23230	Full RB	See Graph	PASS

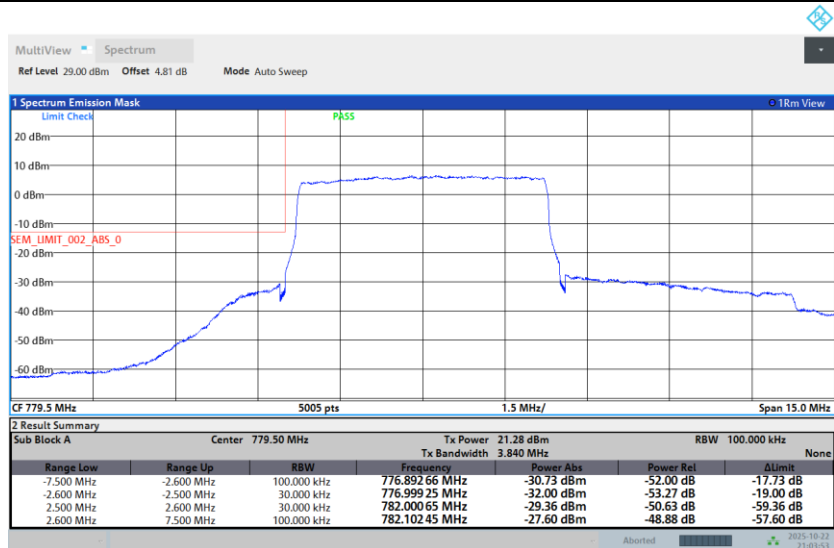


Test Graphs

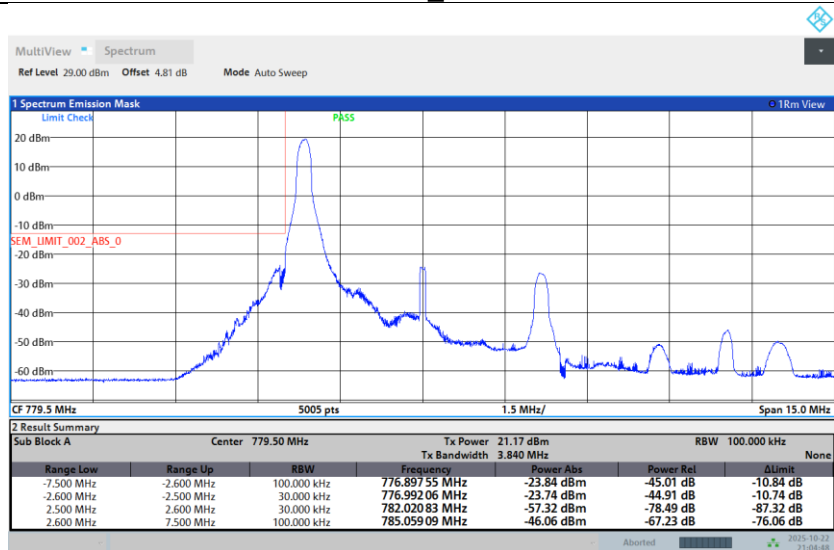
Graph1 LOW BAND EDGE BLOCK-1RB-LOW_offset



Graph2 LOW BAND EDGE BLOCK-5MHz-100%RB

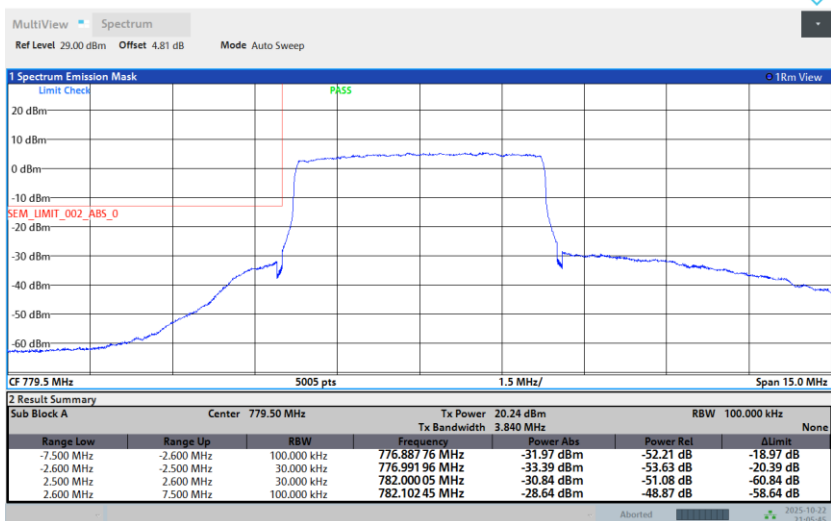


Graph3 LOW BAND EDGE BLOCK-1RB-LOW_offset

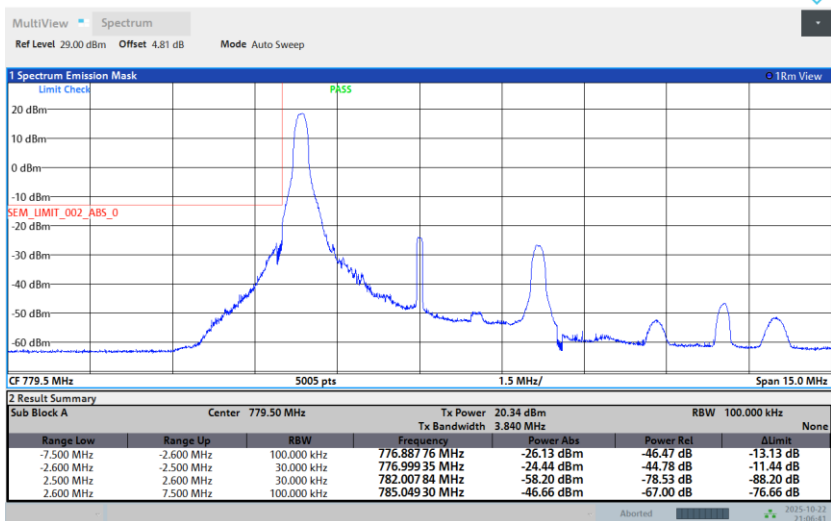




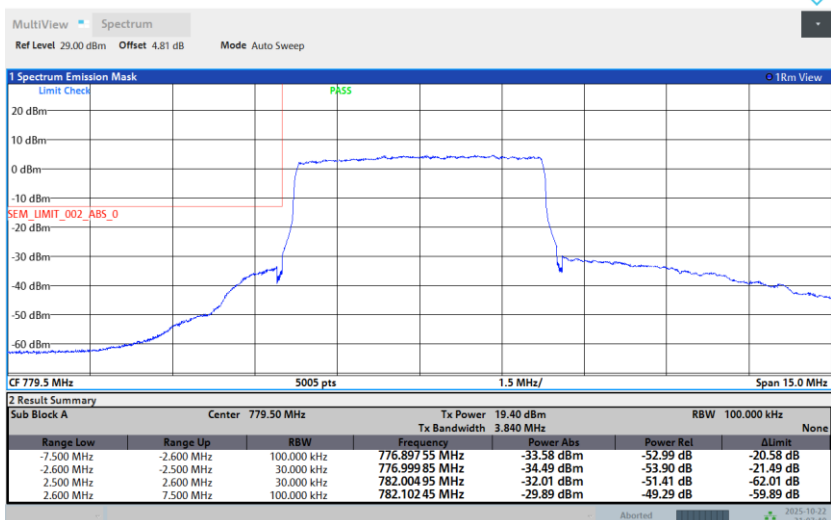
Graph4 LOW BAND EDGE BLOCK-5MHz-100%RB



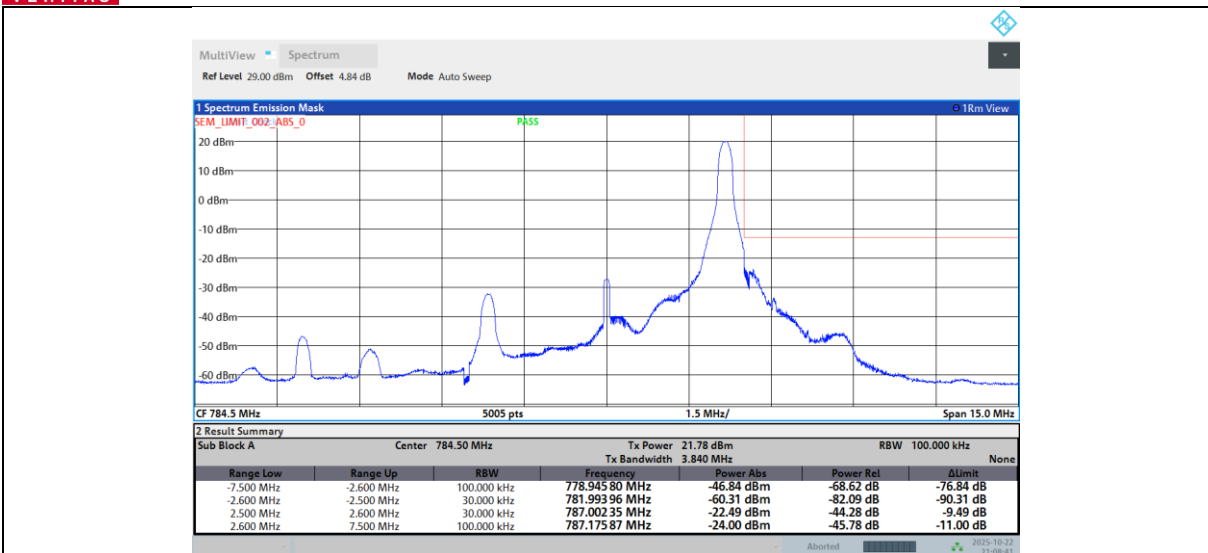
Graph5 LOW BAND EDGE BLOCK-1RB-LOW_offset



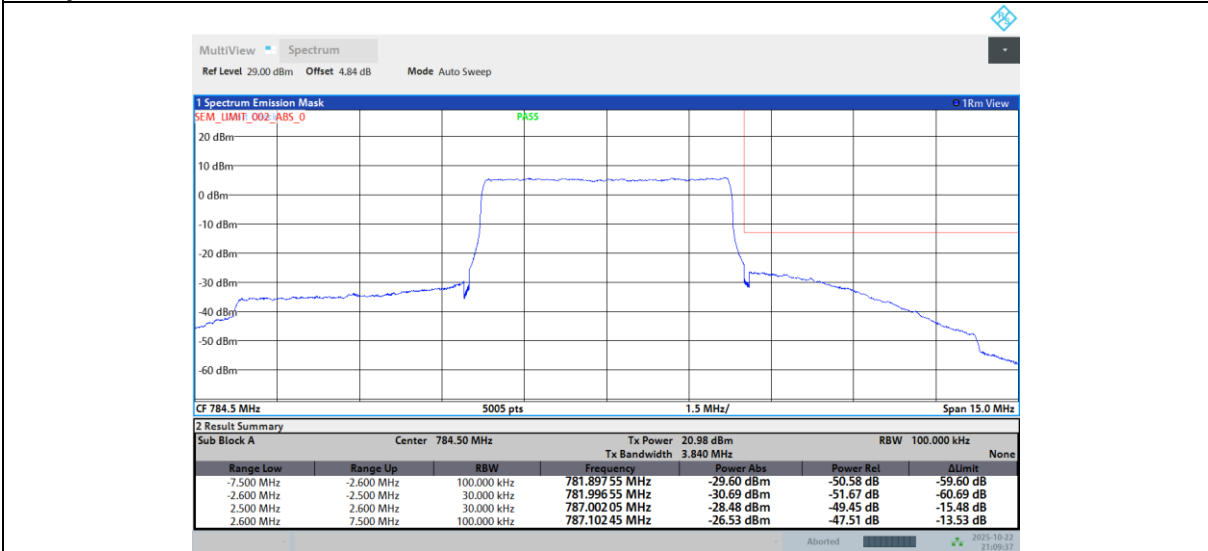
Graph6 LOW BAND EDGE BLOCK-5MHz-100%RB



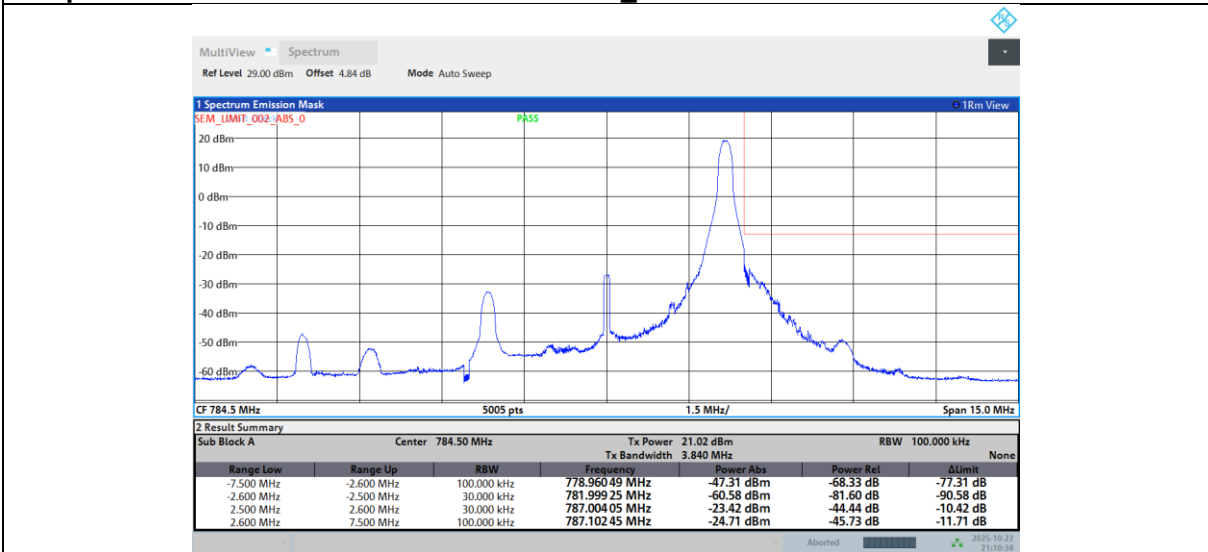
Graph7 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



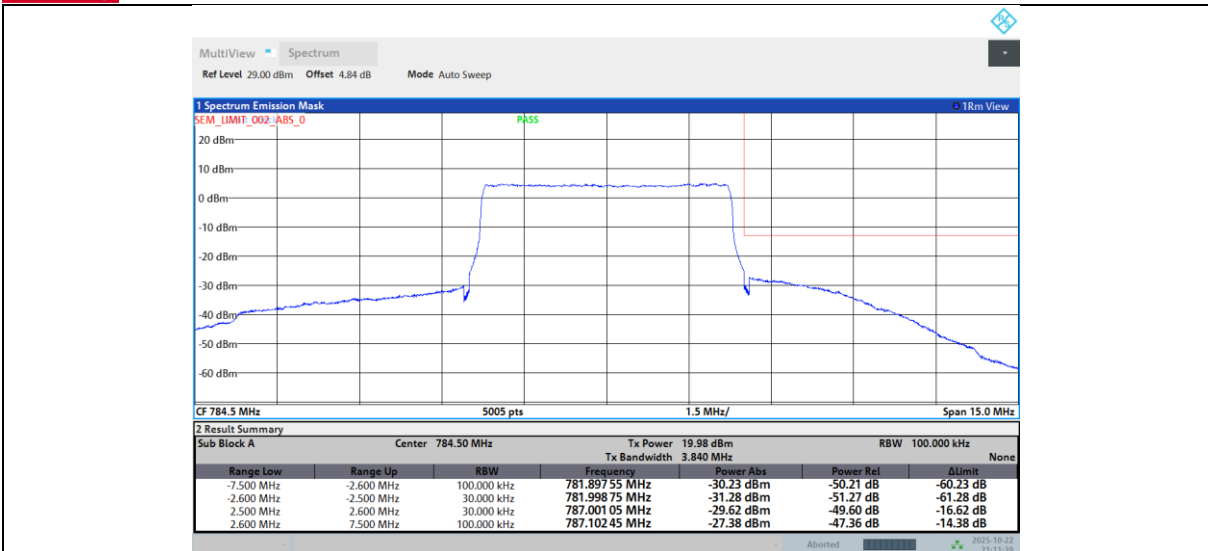
Graph8 HIGH BAND EDGE BLOCK-5MHz-100%RB



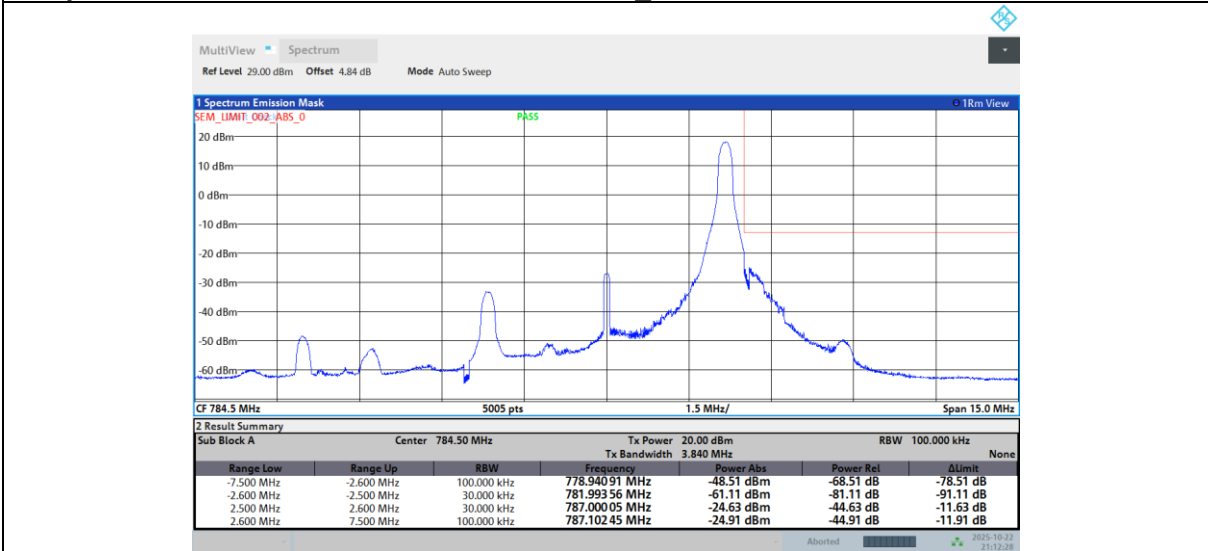
Graph9 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



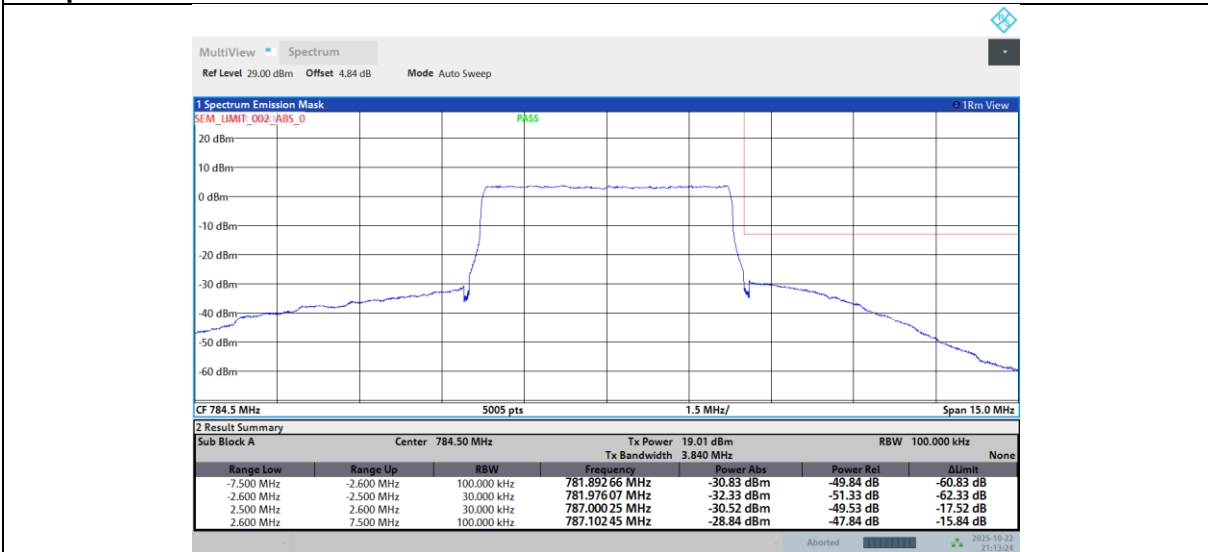
Graph10 HIGH BAND EDGE BLOCK-5MHz-100%RB



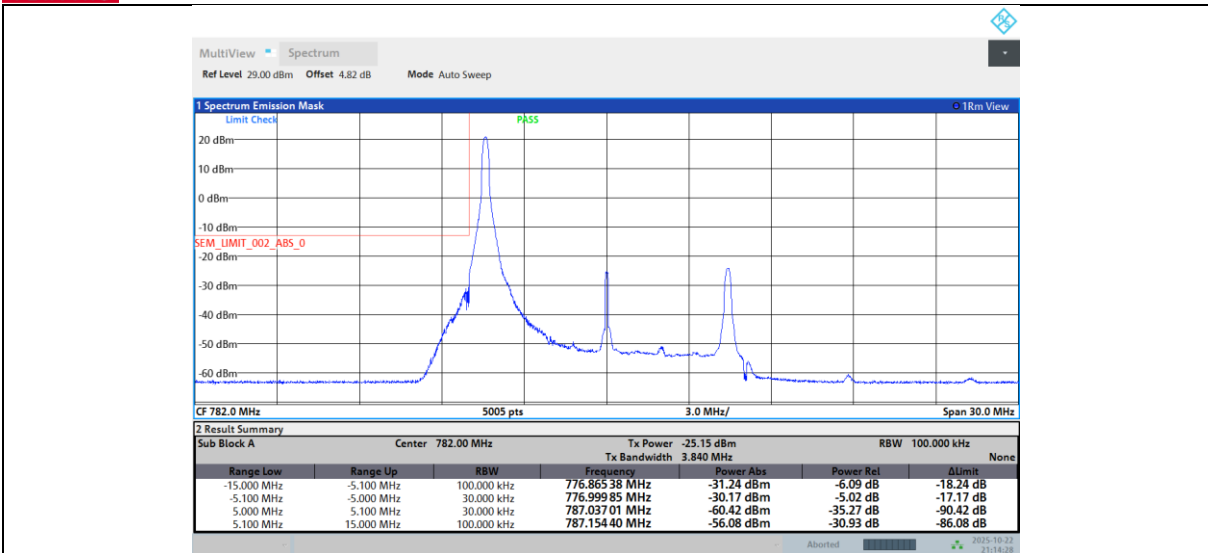
Graph11 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



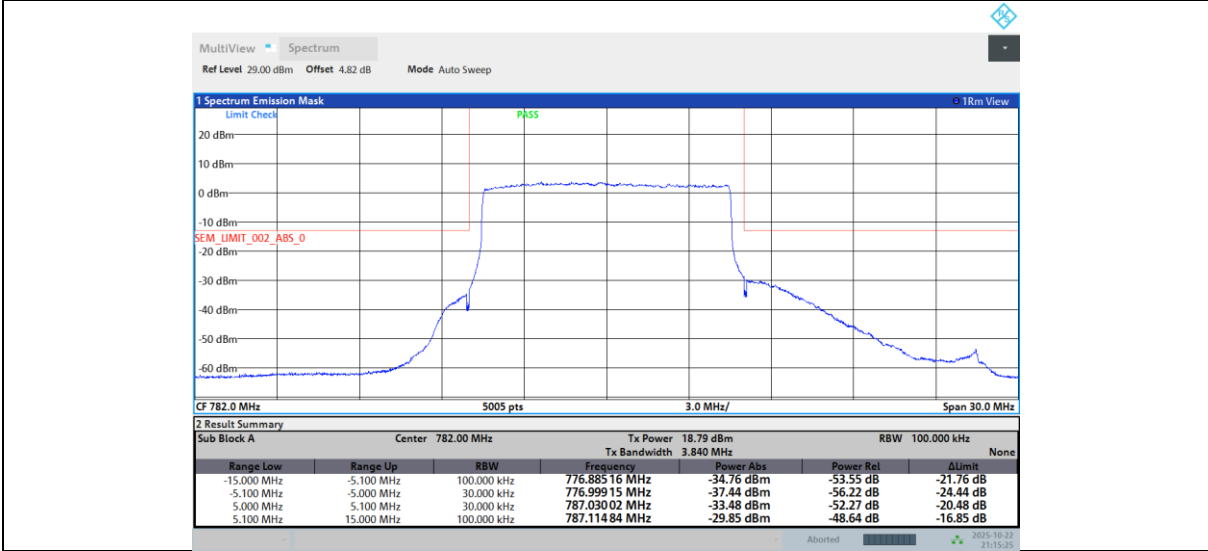
Graph12 HIGH BAND EDGE BLOCK-5MHz-100%RB



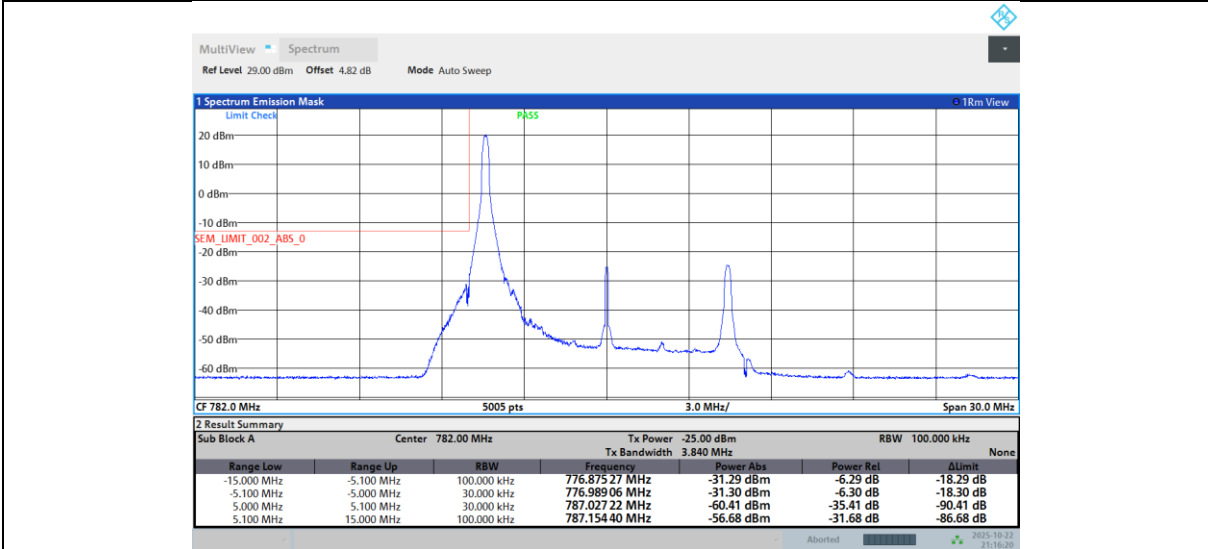
Graph13 LOW BAND EDGE BLOCK-1RB-LOW_offset



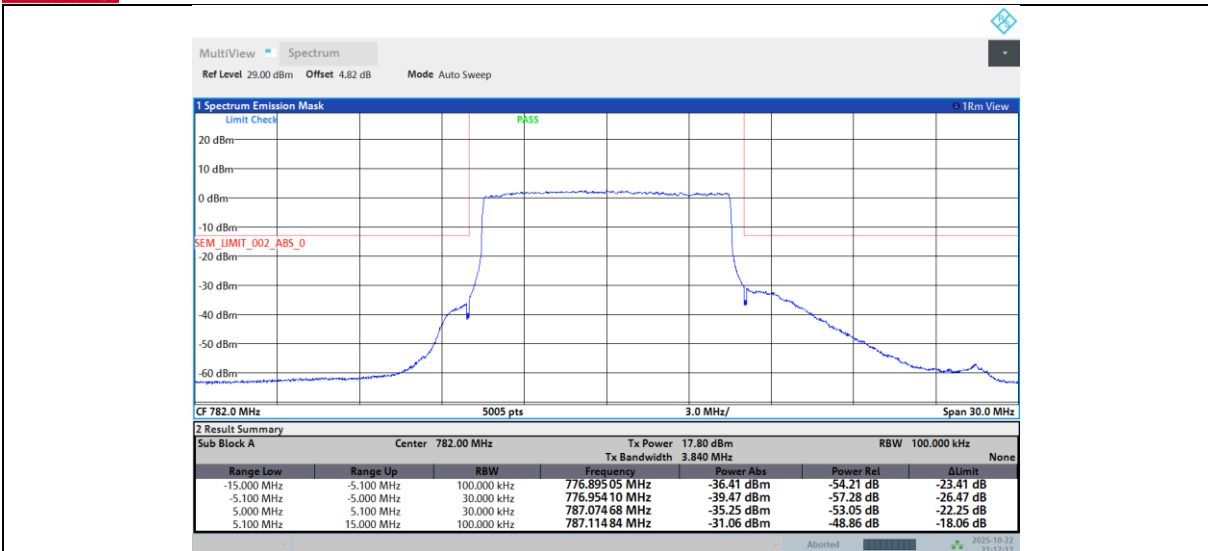
Graph14 LOW BAND EDGE BLOCK-10MHz-100%RB



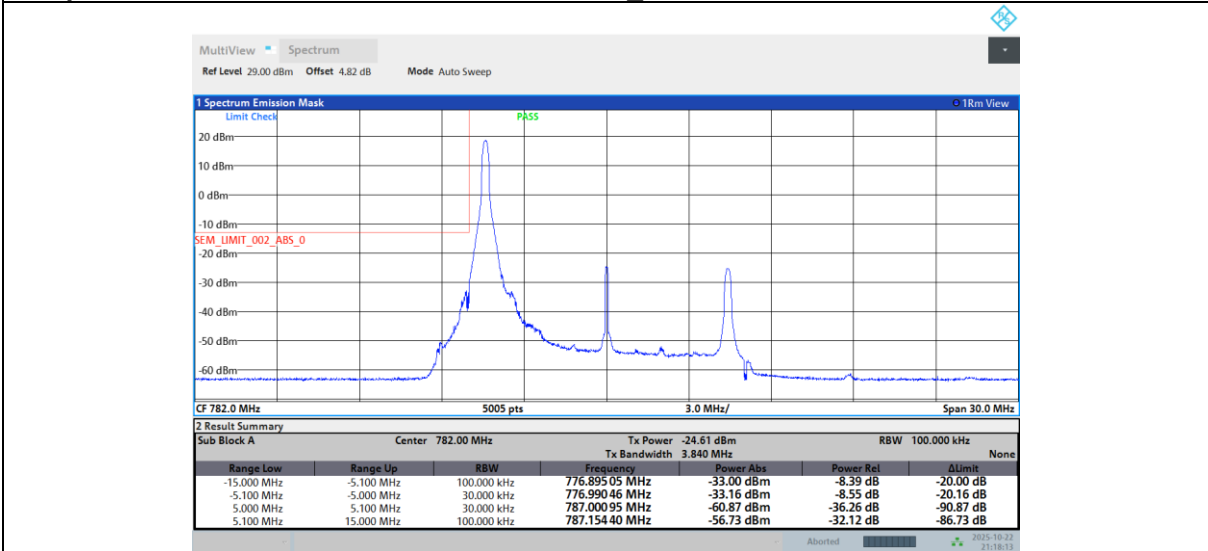
Graph15 LOW BAND EDGE BLOCK-1RB-LOW_offset



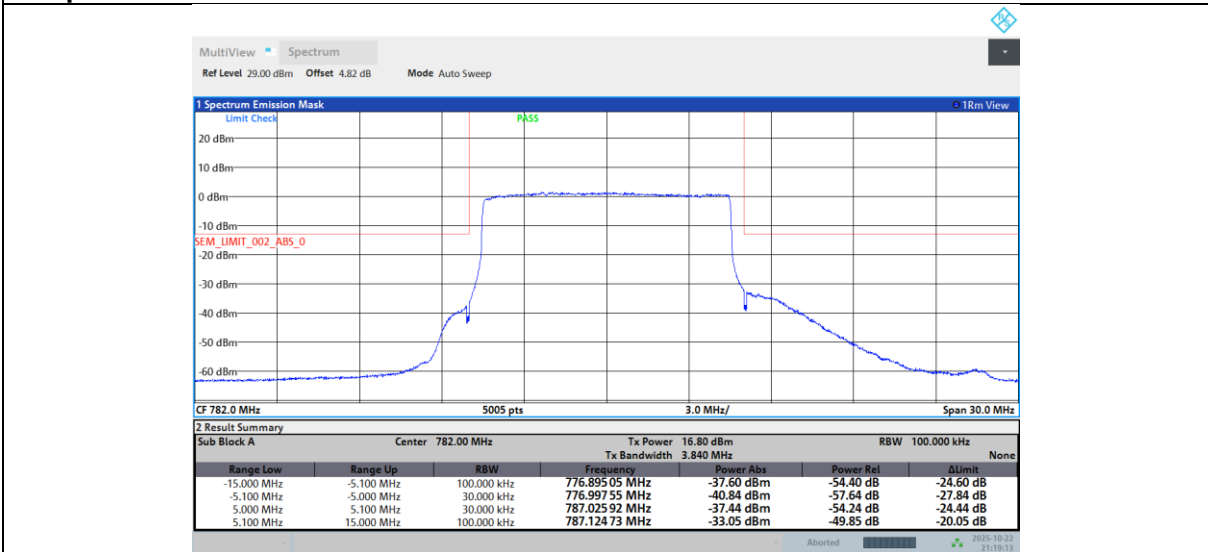
Graph16 LOW BAND EDGE BLOCK-10MHz-100%RB



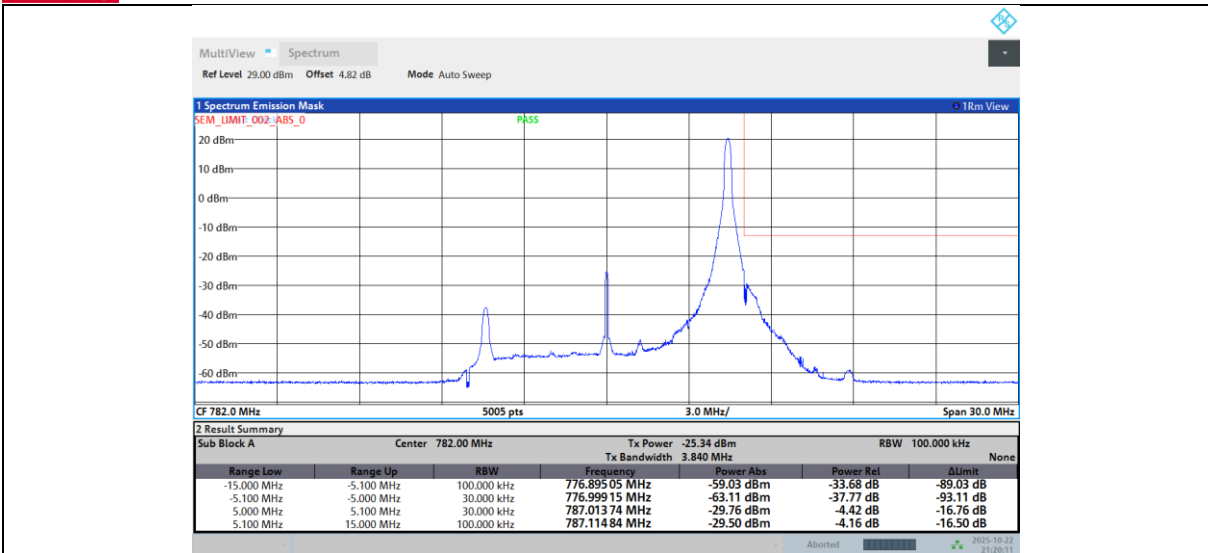
Graph17 LOW BAND EDGE BLOCK-1RB-LOW_offset



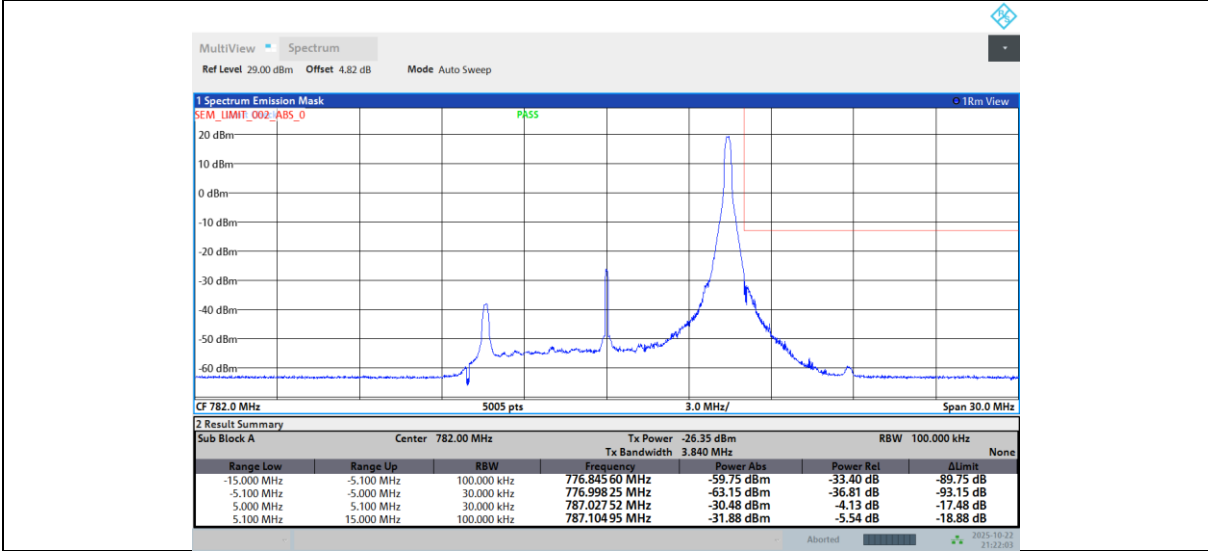
Graph18 LOW BAND EDGE BLOCK-10MHz-100%RB



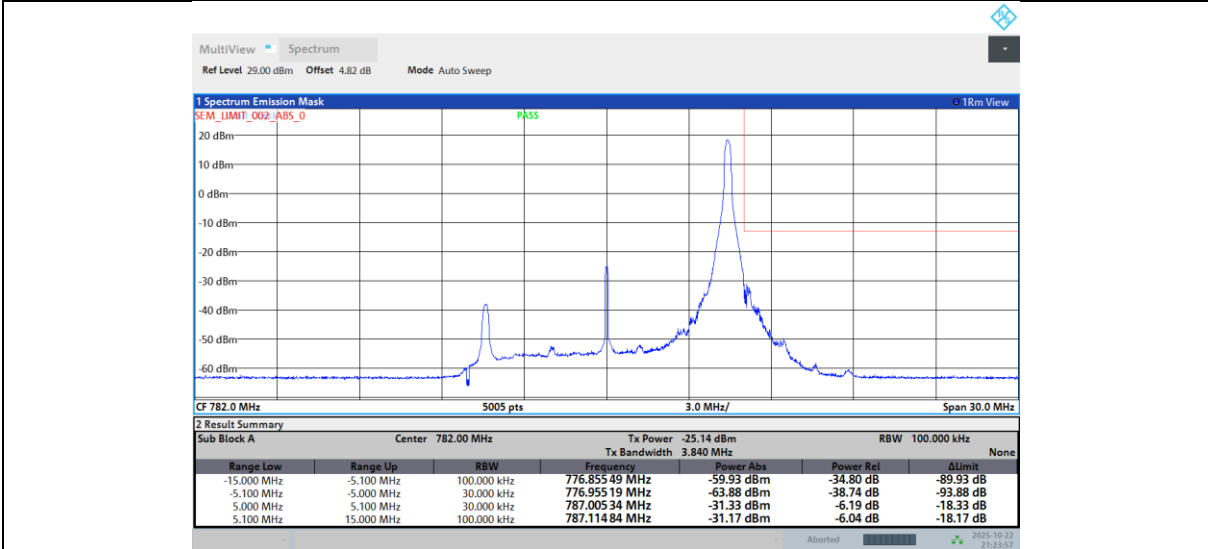
Graph19 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



Graph20 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



Graph21 HIGH BAND EDGE BLOCK-1RB-HIGH_offset





CONDUCTED SPURIOUS EMISSION

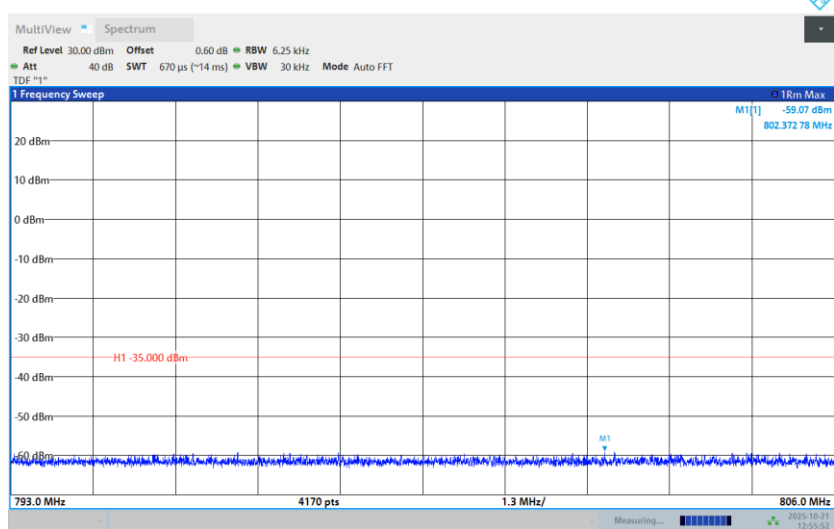
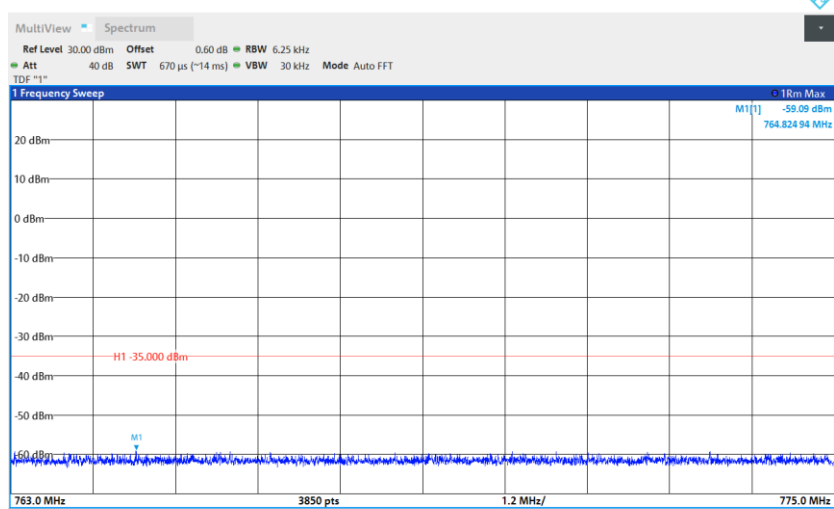
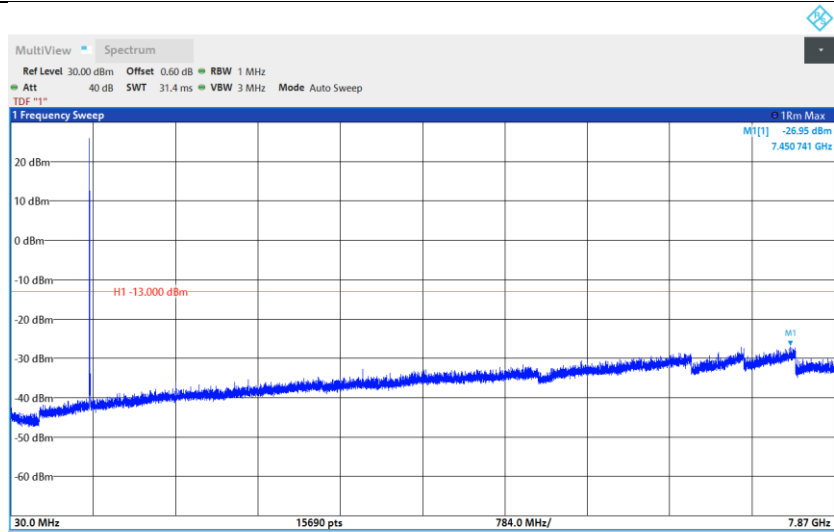
Test Result

Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
5MHz	QPSK	23205	1RB Low	See Graph1	PASS
5MHz	QPSK	23230	1RB Low	See Graph2	PASS
5MHz	QPSK	23255	1RB Low	See Graph3	PASS
10MHz	QPSK	23230	1RB Low	See Graph4	PASS
10MHz	QPSK	23230	1RB Low	See Graph5	PASS
10MHz	QPSK	23230	1RB Low	See Graph6	PASS



Test Graphs

Graph1



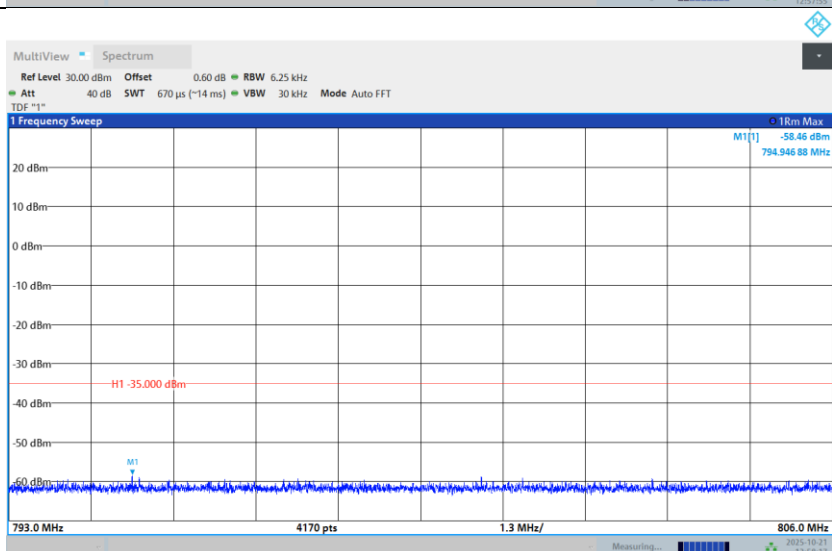
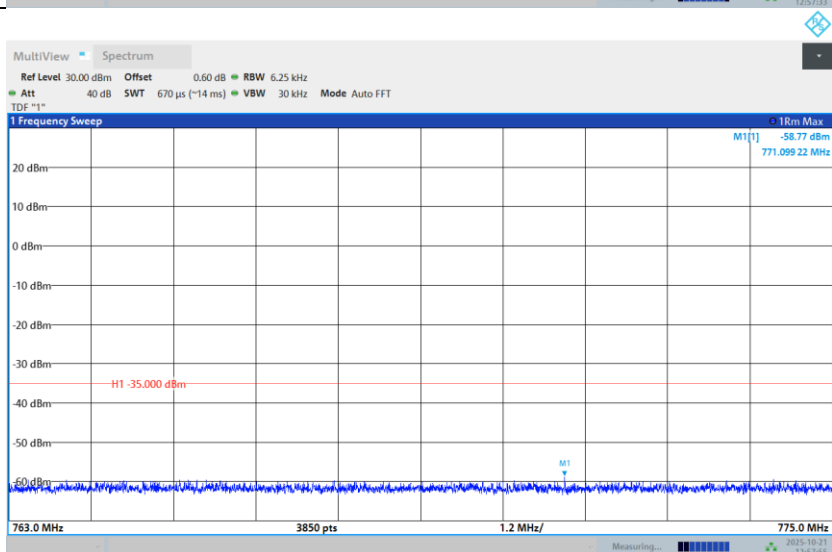
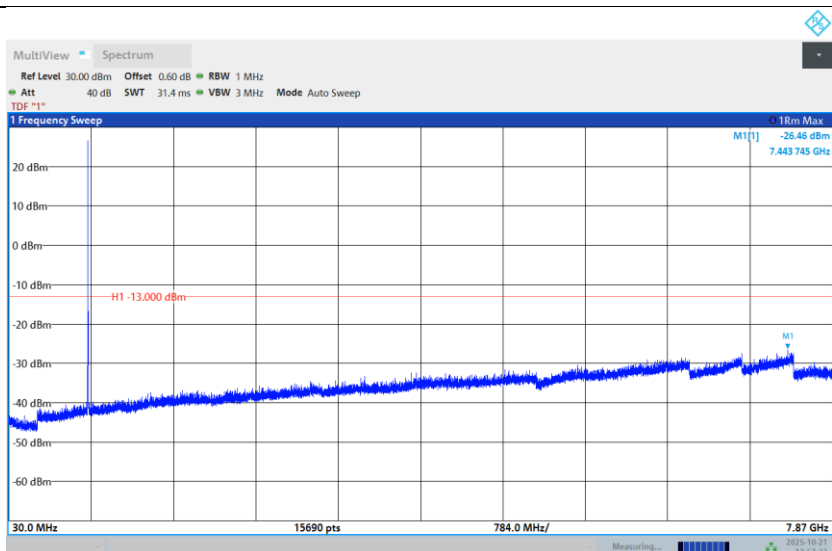
Graph2

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

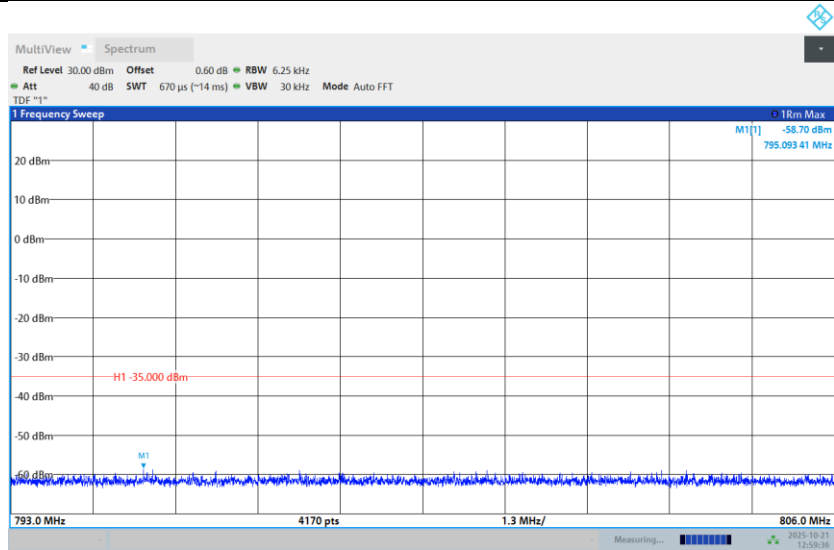
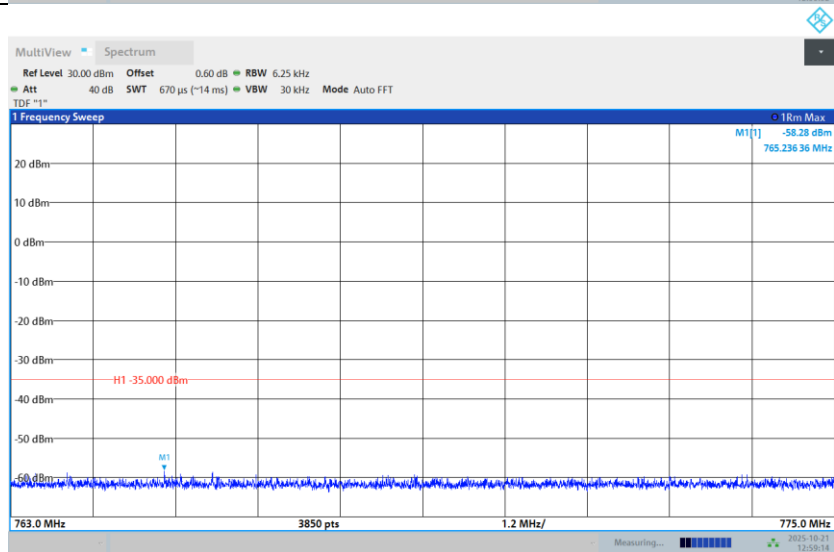
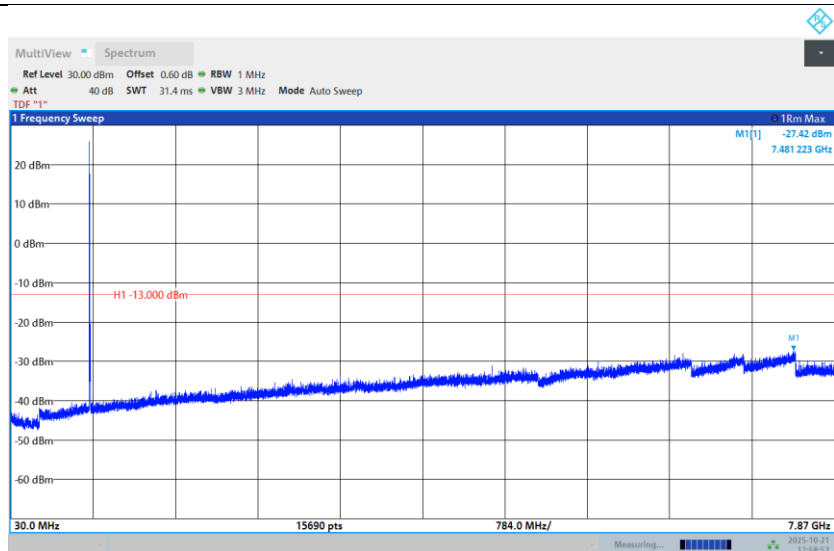
Tower N, Innovation Center, 88 Zuyi Road, High-tech
District, Suzhou City, Anhui Province, China

Tel: +86 (0557) 368 1008

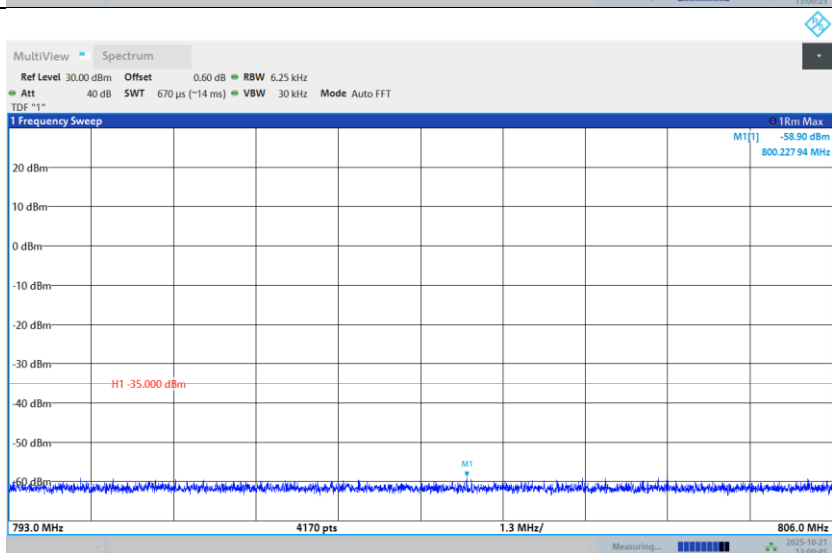
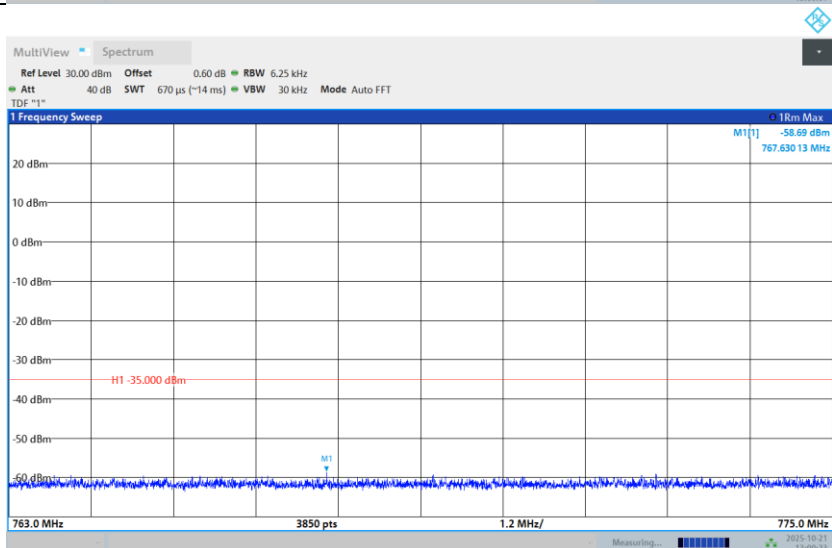
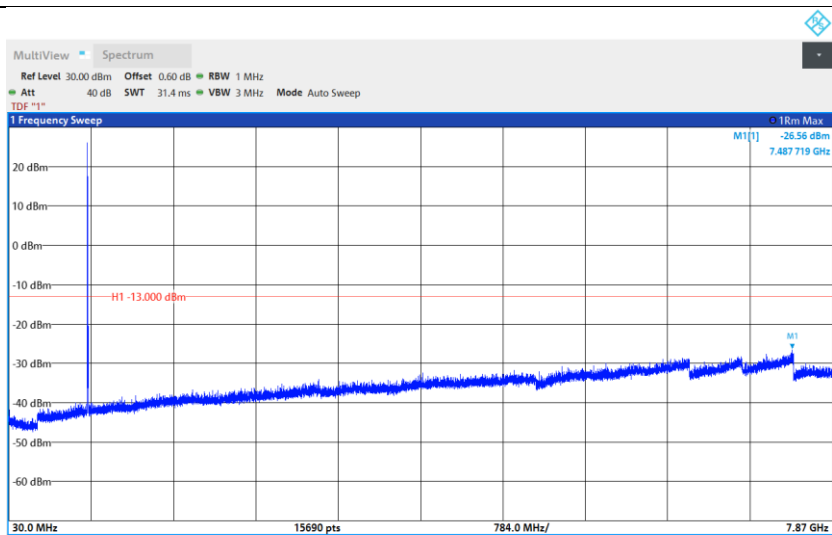




Graph4



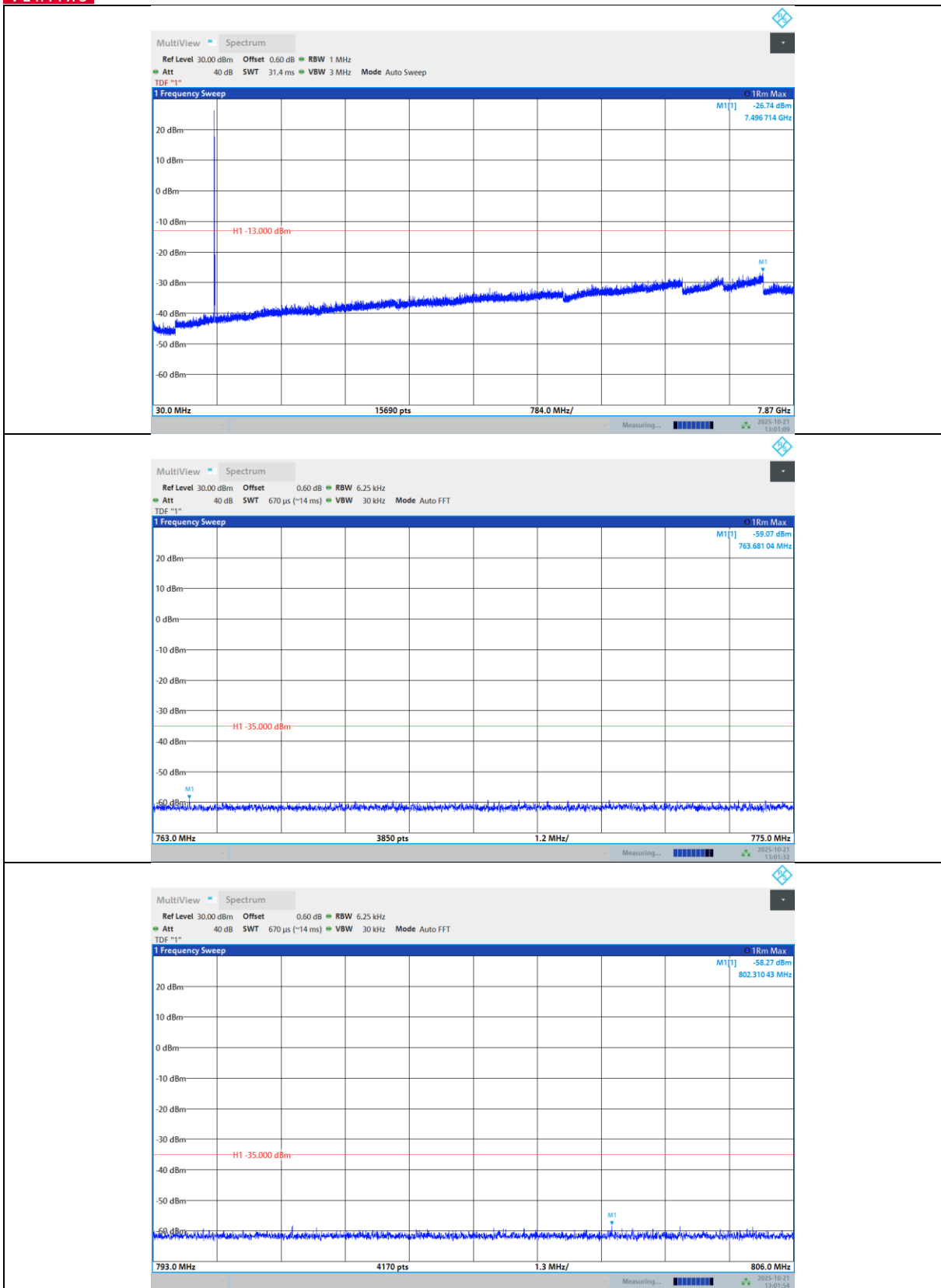
Graph5



Graph6



BUREAU VERITAS Test Report No.: PSU-NQN2509250114RF09





BUREAU VERITAS Test Report No.: PSU-NQN2509250114RF09

FREQUENCY STABILITY

Test Result

Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	LV	NT	-144.84	-0.1852	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	NT	-141.62	-0.1811	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	HV	NT	-31.60	-0.0404	±2.5	PASS

Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-162.61	-0.2079	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-150.34	-0.1923	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	13.26	0.0170	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-155.25	-0.1985	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-44.01	-0.0563	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-56.89	-0.0727	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-55.44	-0.0709	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-157.65	-0.2016	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-151.70	-0.1940	±2.5	PASS



LTE BAND 30

PEAK-TO-AVERAGE RATIO(CCDF)

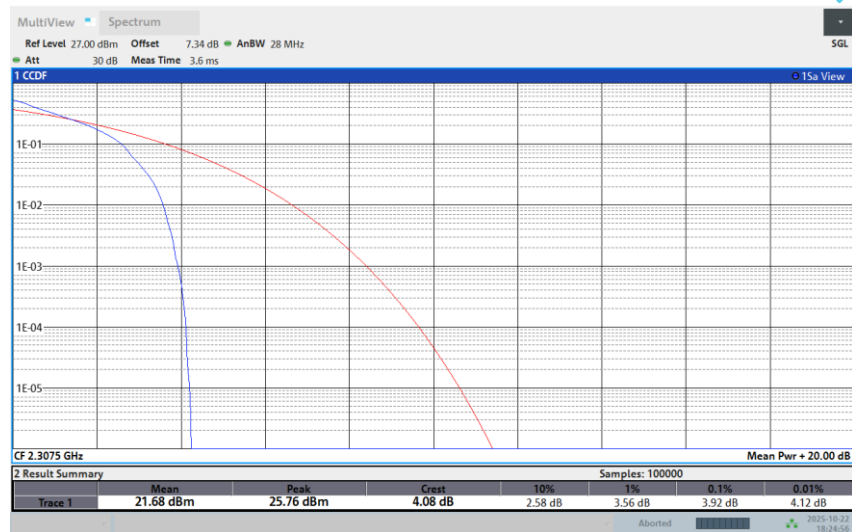
Test Result

Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
5MHz	QPSK	27685	1RB Low	3.92	13	PASS
5MHz	QPSK	27685	Full RB	4.86	13	PASS
5MHz	16QAM	27685	1RB Low	5.02	13	PASS
5MHz	16QAM	27685	Full RB	5.76	13	PASS
5MHz	64QAM	27685	1RB Low	5.48	13	PASS
5MHz	64QAM	27685	Full RB	6.20	13	PASS
5MHz	QPSK	27710	1RB Low	3.92	13	PASS
5MHz	QPSK	27710	Full RB	4.94	13	PASS
5MHz	16QAM	27710	1RB Low	4.74	13	PASS
5MHz	16QAM	27710	Full RB	5.78	13	PASS
5MHz	64QAM	27710	1RB Low	5.74	13	PASS
5MHz	64QAM	27710	Full RB	6.34	13	PASS
5MHz	QPSK	27735	1RB Low	4.18	13	PASS
5MHz	QPSK	27735	Full RB	5.02	13	PASS
5MHz	16QAM	27735	1RB Low	5.02	13	PASS
5MHz	16QAM	27735	Full RB	5.82	13	PASS
5MHz	64QAM	27735	1RB Low	5.64	13	PASS
5MHz	64QAM	27735	Full RB	6.40	13	PASS
10MHz	QPSK	27710	1RB Low	3.74	13	PASS
10MHz	QPSK	27710	Full RB	4.80	13	PASS
10MHz	16QAM	27710	1RB Low	4.50	13	PASS
10MHz	16QAM	27710	Full RB	5.78	13	PASS
10MHz	64QAM	27710	1RB Low	5.32	13	PASS
10MHz	64QAM	27710	Full RB	6.24	13	PASS

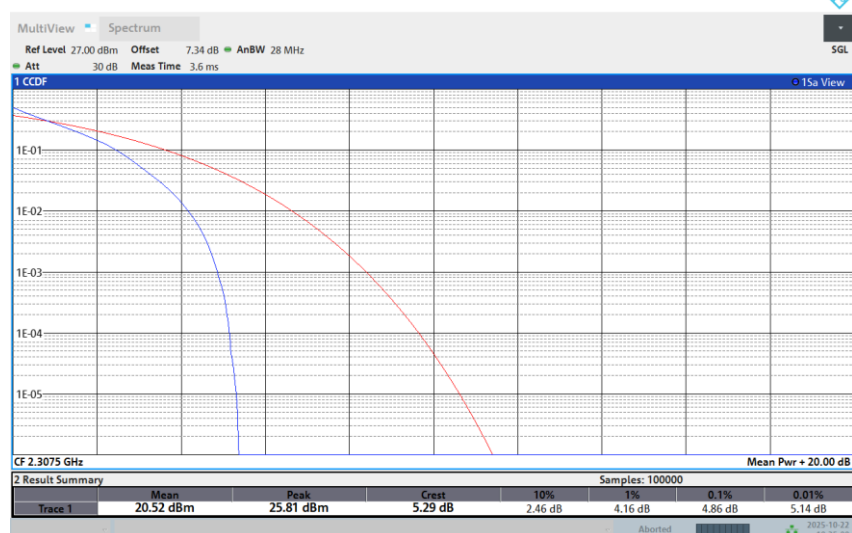


Test Graphs

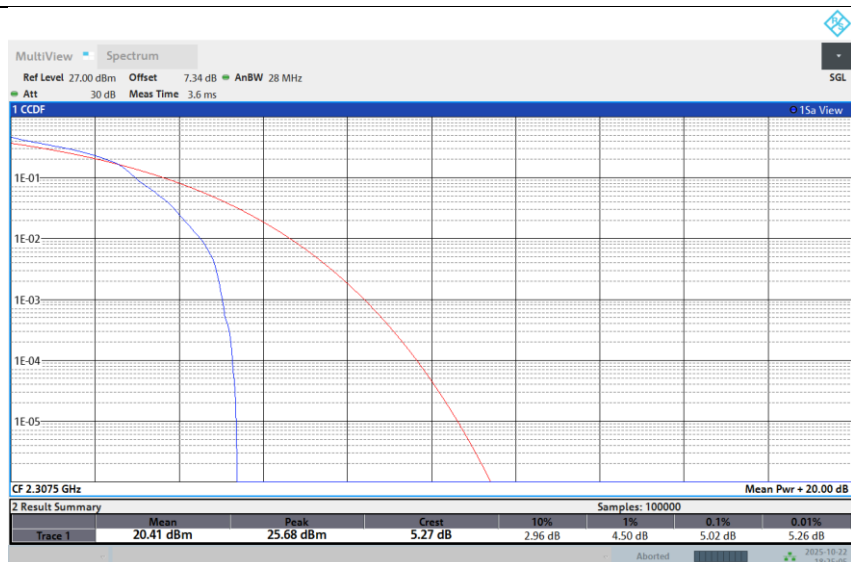
Band 30-5M-LOW-QPSK-1RB Low



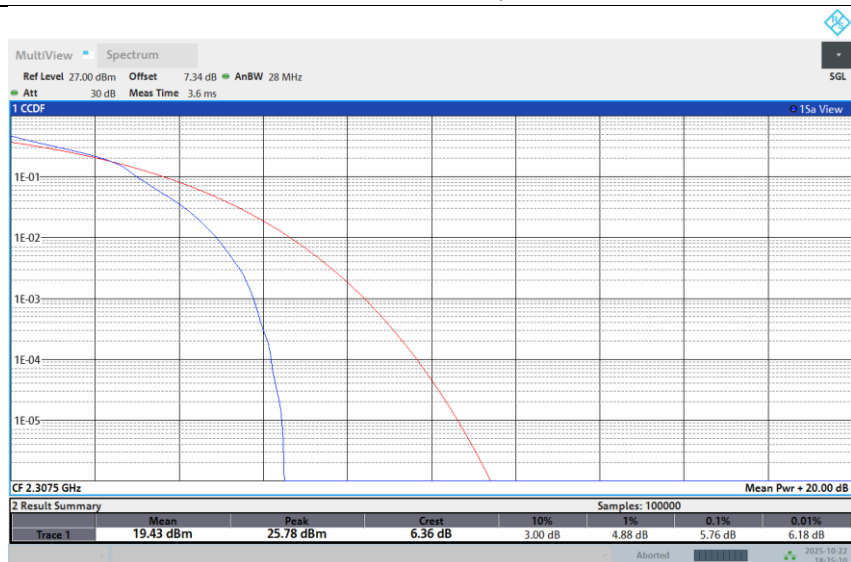
Band 30-5M-LOW-QPSK-Full RB



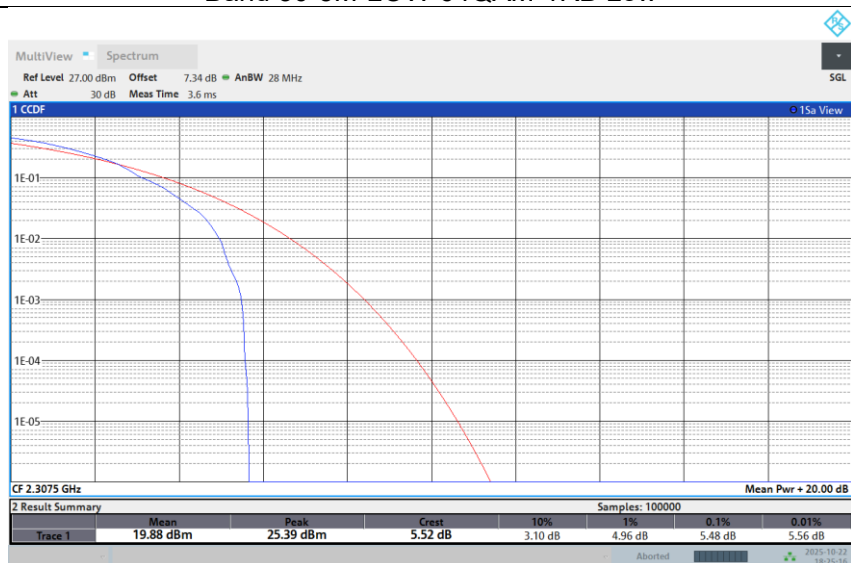
Band 30-5M-LOW-16QAM-1RB Low



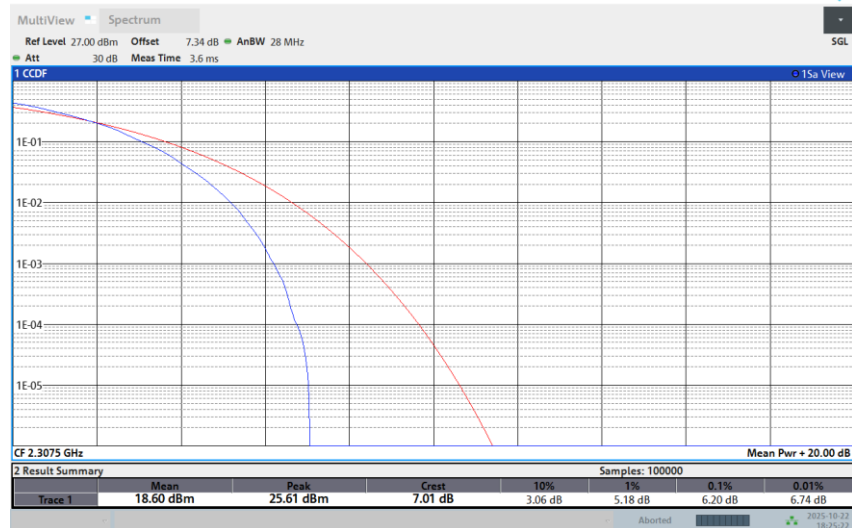
Band 30-5M-LOW-16QAM-Full RB



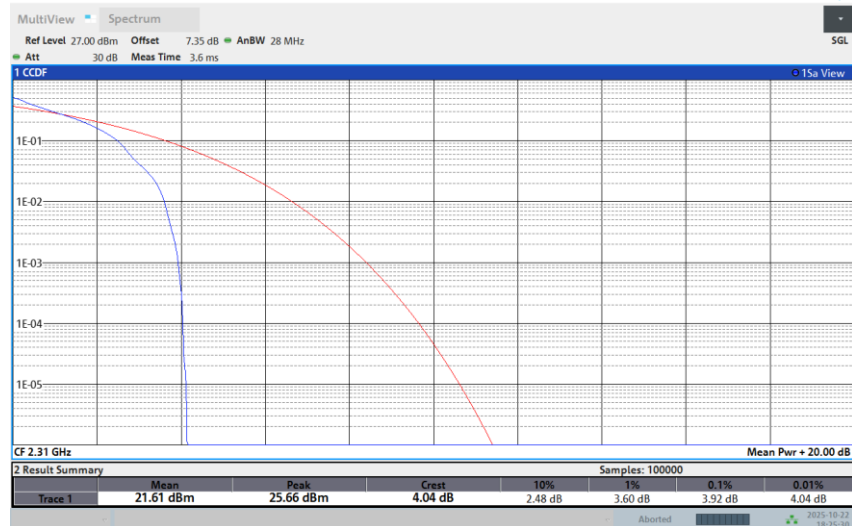
Band 30-5M-LOW-64QAM-1RB Low



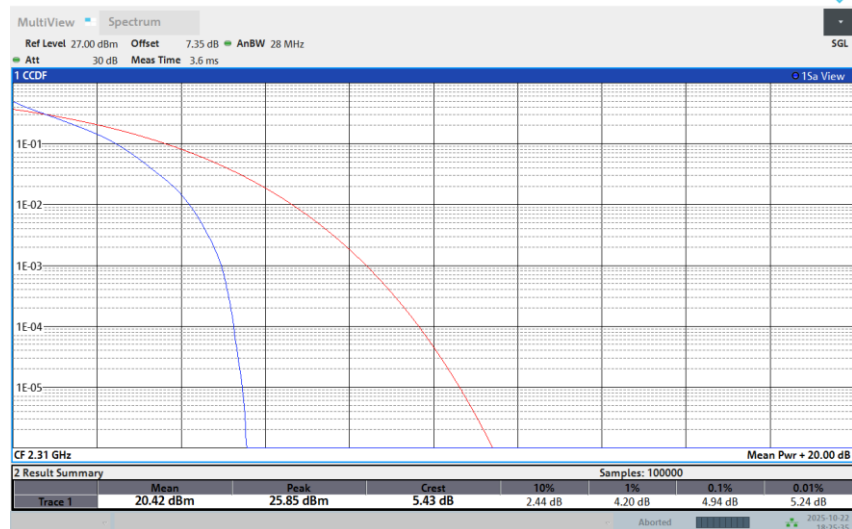
Band 30-5M-LOW-64QAM-Full RB



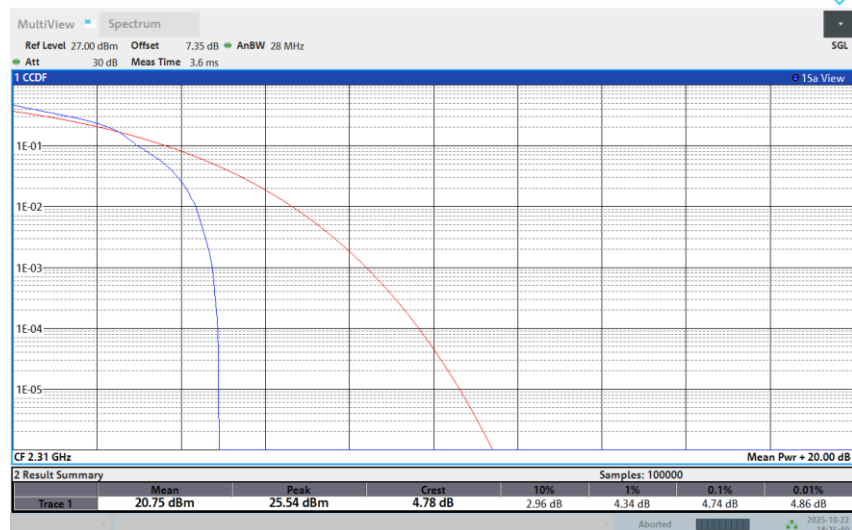
Band 30-5M-MID-QPSK-1RB Low



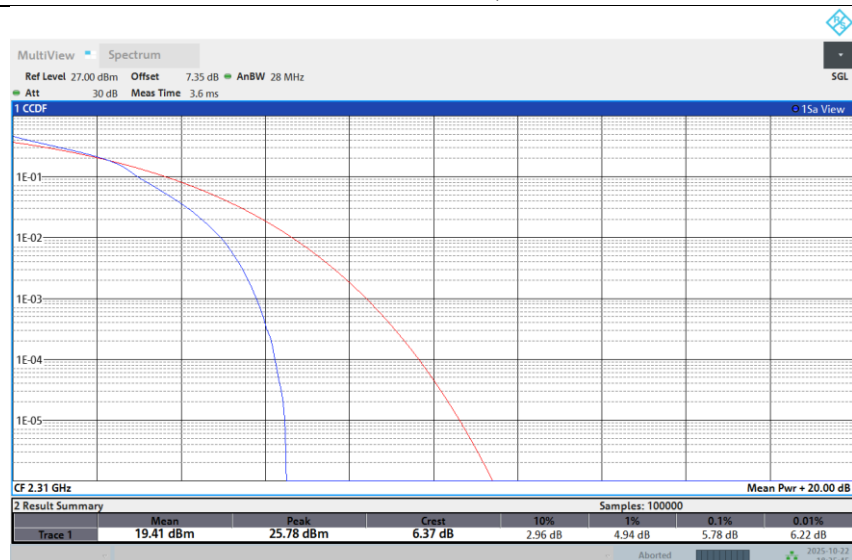
Band 30-5M-MID-QPSK-Full RB



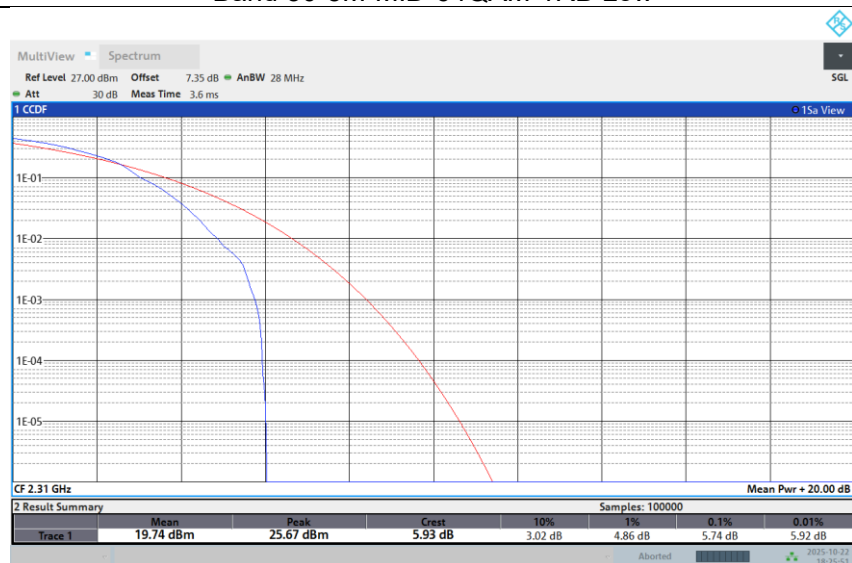
Band 30-5M-MID-16QAM-1RB Low



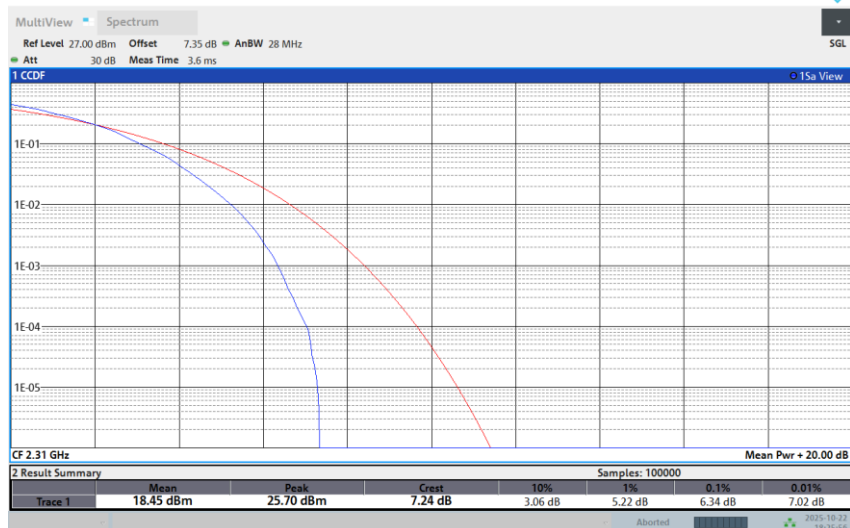
Band 30-5M-MID-16QAM-Full RB



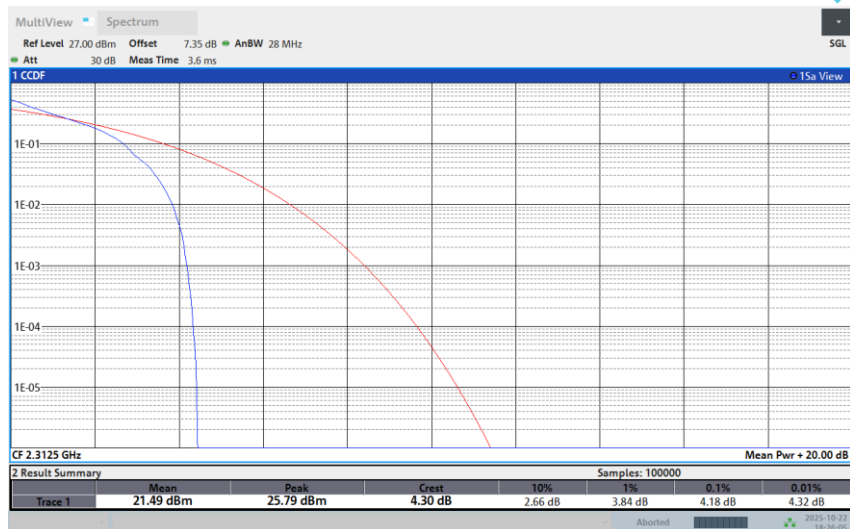
Band 30-5M-MID-64QAM-1RB Low



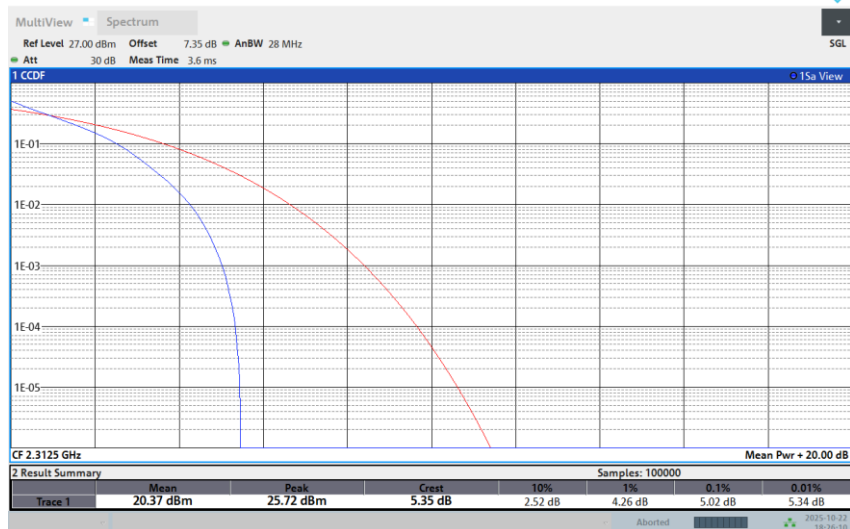
Band 30-5M-MID-64QAM-Full RB



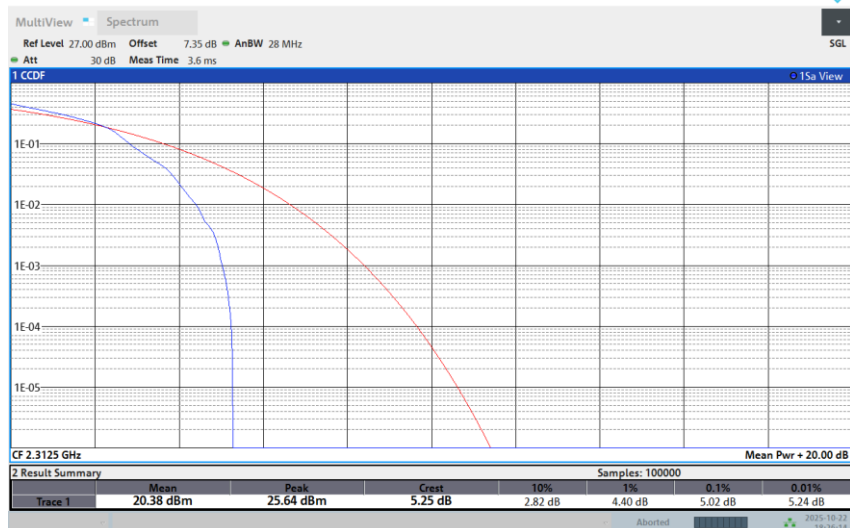
Band 30-5M-HIGH-QPSK-1RB Low



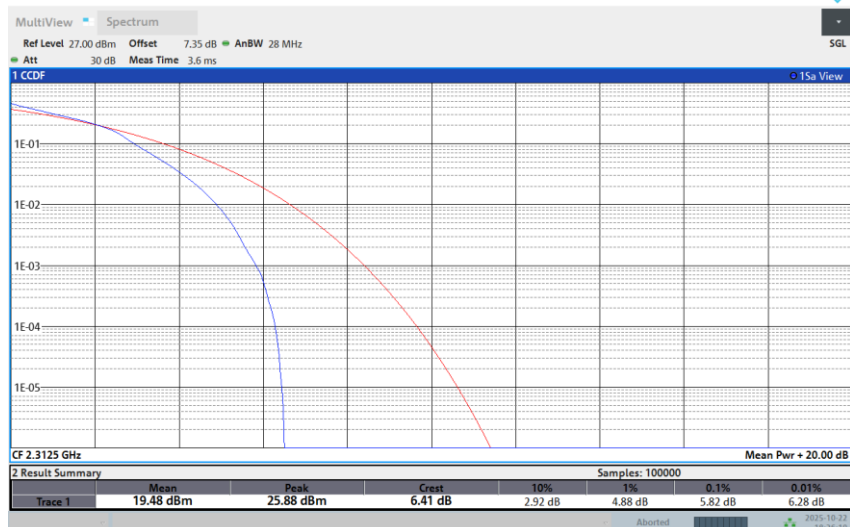
Band 30-5M-HIGH-QPSK-Full RB



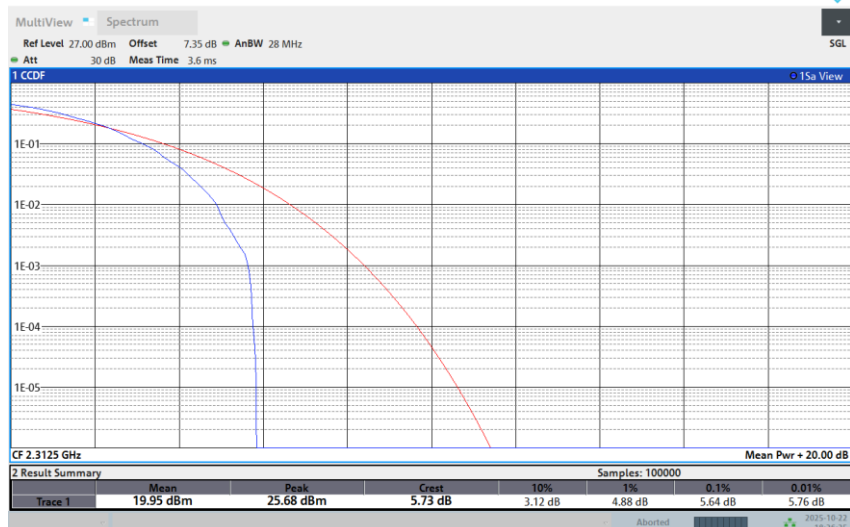
Band 30-5M-HIGH-16QAM-1RB Low



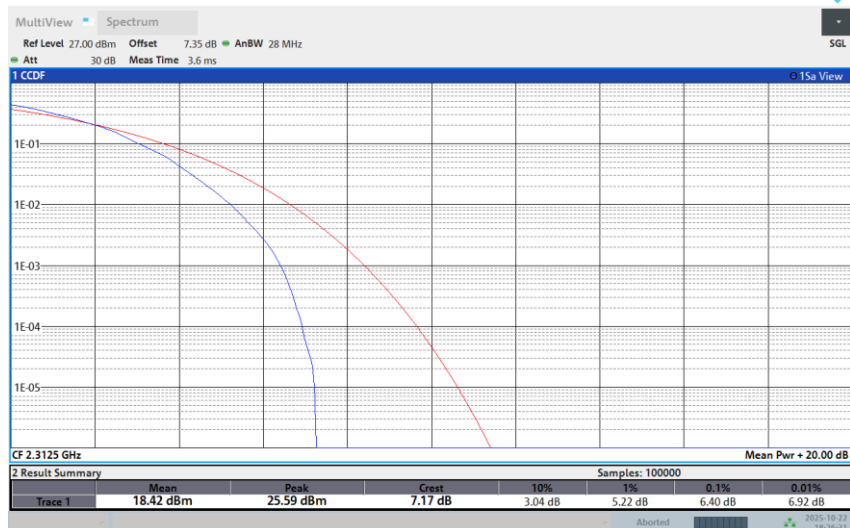
Band 30-5M-HIGH-16QAM-Full RB



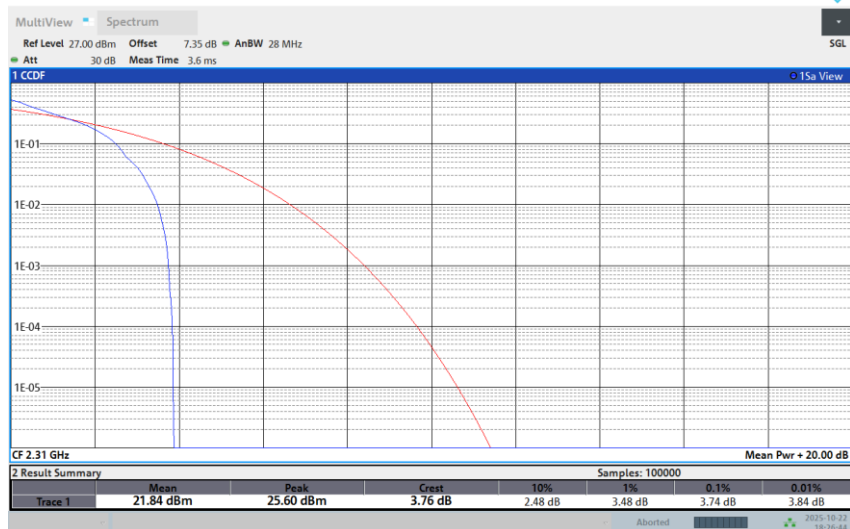
Band 30-5M-HIGH-64QAM-1RB Low



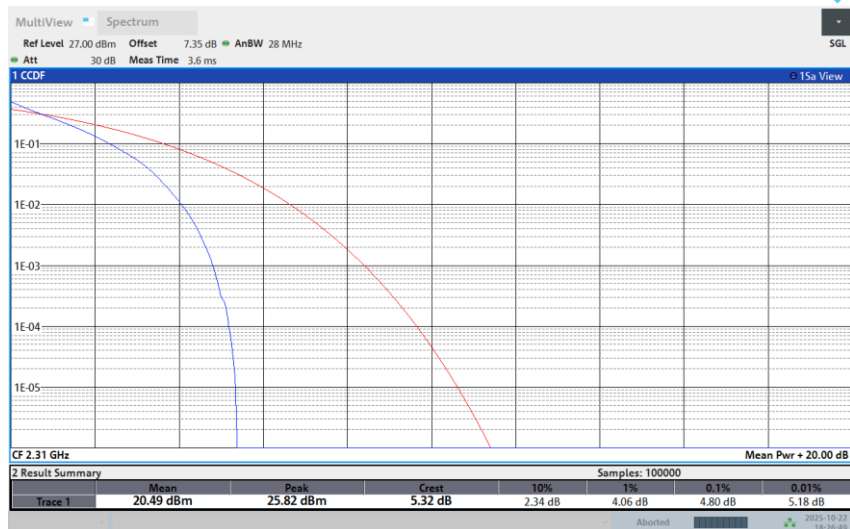
Band 30-5M-HIGH-64QAM-Full RB



Band 30-10M-LOW-QPSK-1RB Low



Band 30-10M-LOW-QPSK-Full RB



Band 30-10M-LOW-16QAM-1RB Low