

BAND EDGE

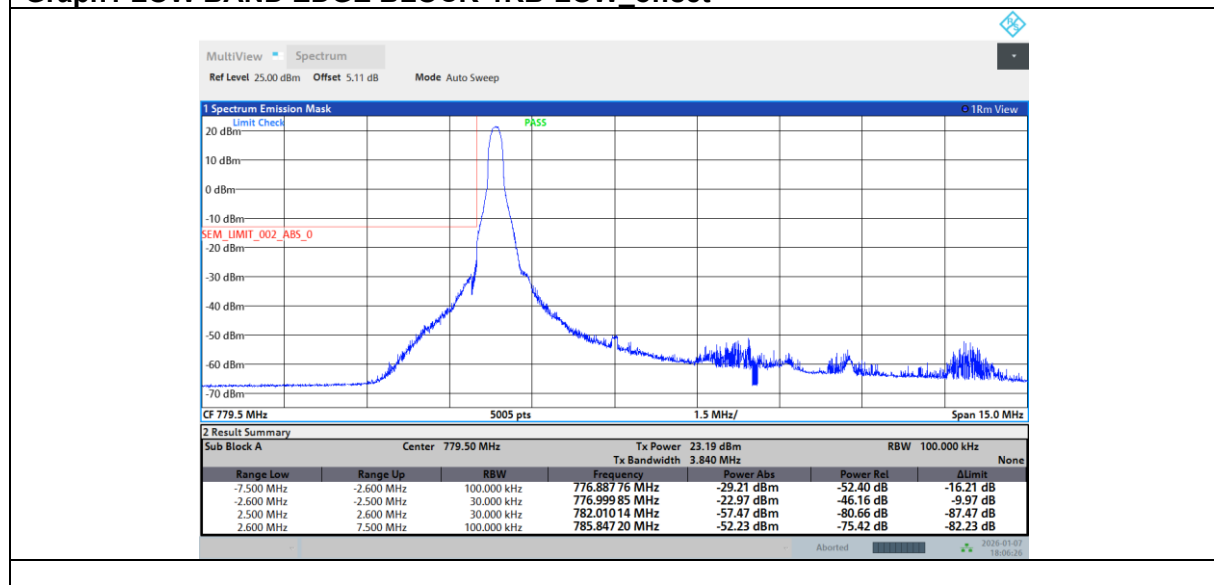
Test Result

LTE band 13

Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
5MHz	QPSK	23205	1RB Low	See Graph1	PASS
5MHz	QPSK	23205	Full RB	See Graph2	PASS
5MHz	16QAM	23205	1RB Low	See Graph3	PASS
5MHz	16QAM	23205	Full RB	See Graph4	PASS
5MHz	64QAM	23205	1RB Low	See Graph5	PASS
5MHz	64QAM	23205	Full RB	See Graph6	PASS
5MHz	256QAM	23205	1RB Low	See Graph7	PASS
5MHz	256QAM	23205	Full RB	See Graph8	PASS
5MHz	QPSK	23255	1RB High	See Graph9	PASS
5MHz	QPSK	23255	Full RB	See Graph10	PASS
5MHz	16QAM	23255	1RB High	See Graph11	PASS
5MHz	16QAM	23255	Full RB	See Graph12	PASS
5MHz	64QAM	23255	1RB High	See Graph13	PASS
5MHz	64QAM	23255	Full RB	See Graph14	PASS
5MHz	256QAM	23255	1RB High	See Graph15	PASS
5MHz	256QAM	23255	Full RB	See Graph16	PASS
10MHz	QPSK	23230	1RB Low	See Graph17	PASS
10MHz	QPSK	23230	Full RB	See Graph18	PASS
10MHz	16QAM	23230	1RB Low	See Graph19	PASS
10MHz	16QAM	23230	Full RB	See Graph20	PASS
10MHz	64QAM	23230	1RB Low	See Graph21	PASS
10MHz	64QAM	23230	Full RB	See Graph22	PASS
10MHz	256QAM	23230	1RB Low	See Graph23	PASS
10MHz	256QAM	23230	Full RB	See Graph24	PASS
10MHz	QPSK	23230	1RB High	See Graph25	PASS
10MHz	16QAM	23230	1RB High	See Graph26	PASS
10MHz	64QAM	23230	1RB High	See Graph27	PASS
10MHz	256QAM	23230	1RB High	See Graph28	PASS

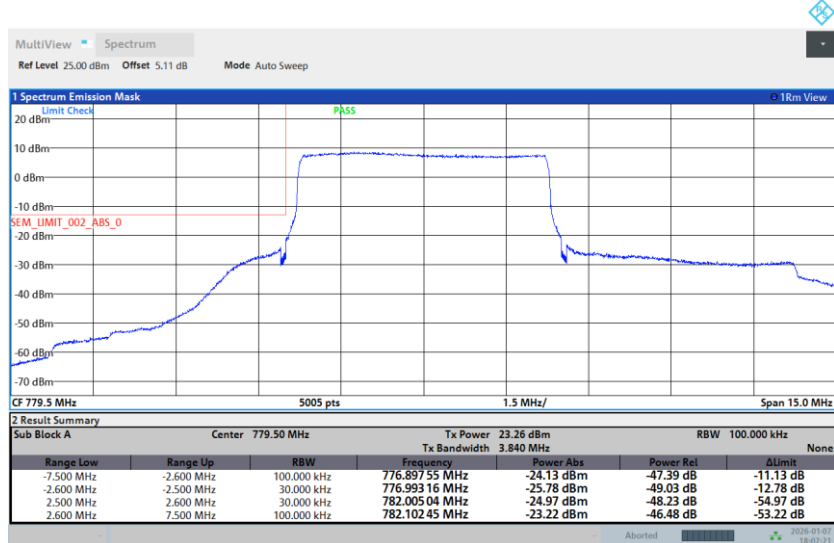
Test Graphs

Graph1 LOW BAND EDGE BLOCK-1RB-LOW_offset

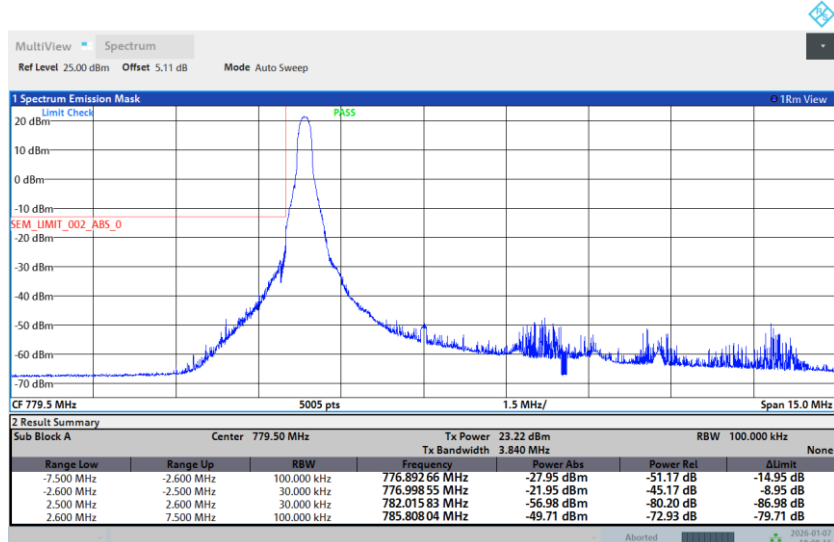


Test Report No.: RF260714B008

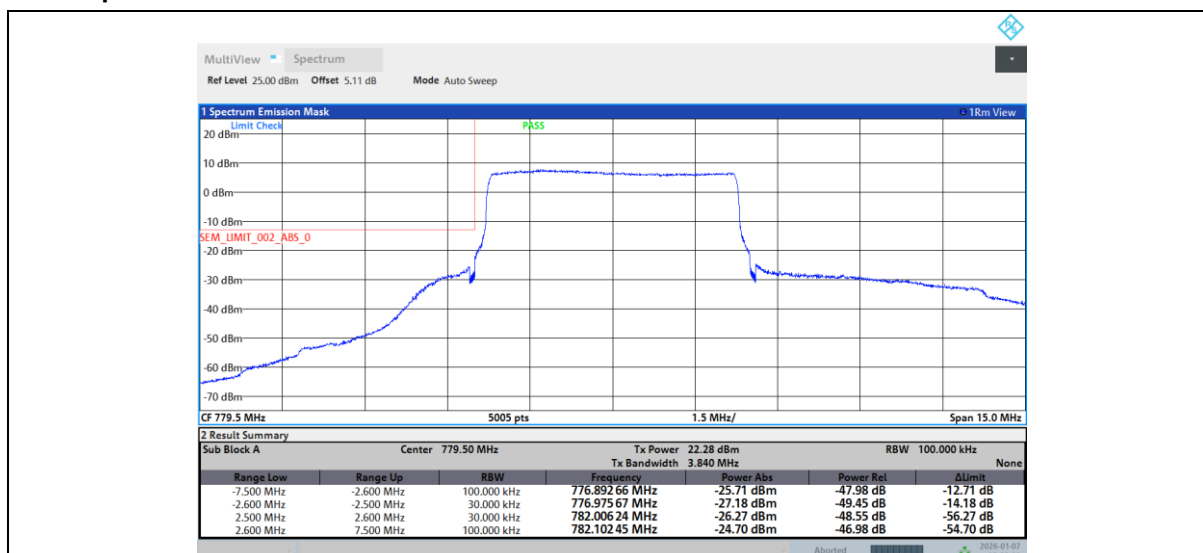
Graph2 LOW BAND EDGE BLOCK-5MHz-100%RB



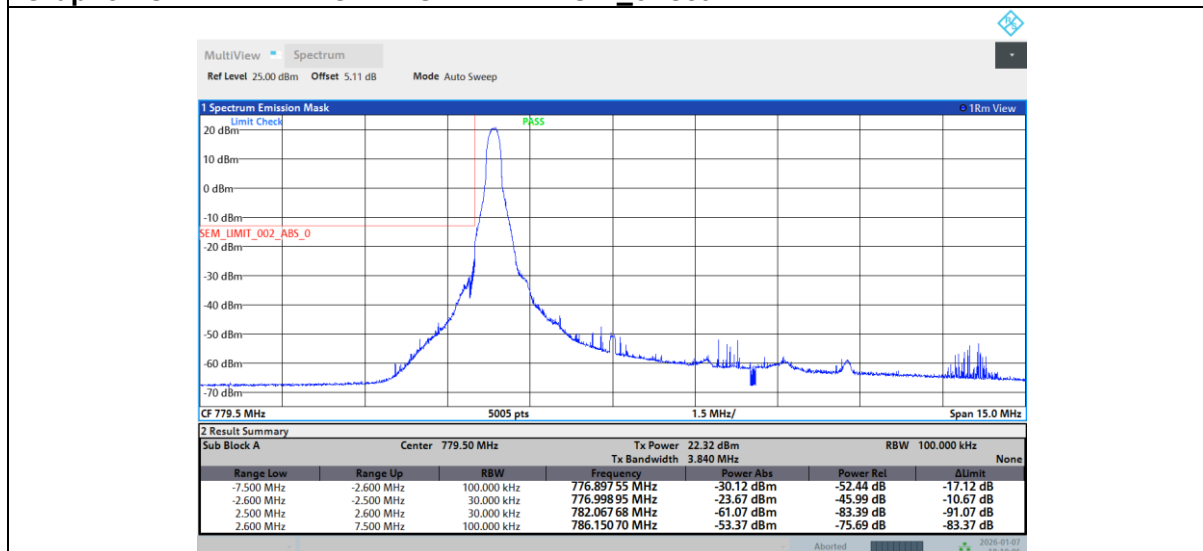
Graph3 LOW BAND EDGE BLOCK-1RB-LOW_offset



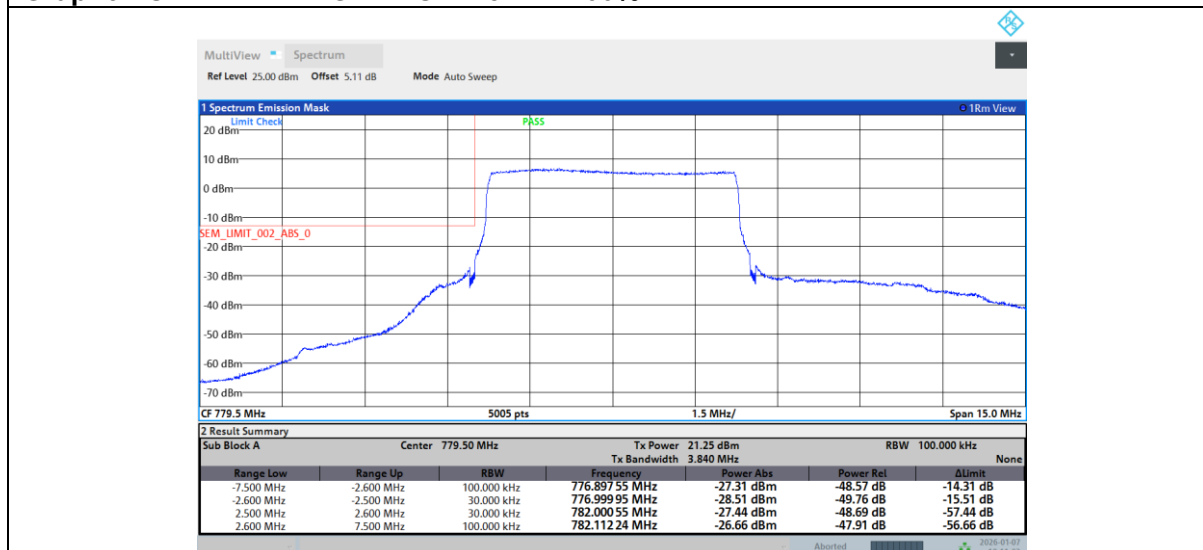
Graph4 LOW BAND EDGE BLOCK-5MHz-100%RB



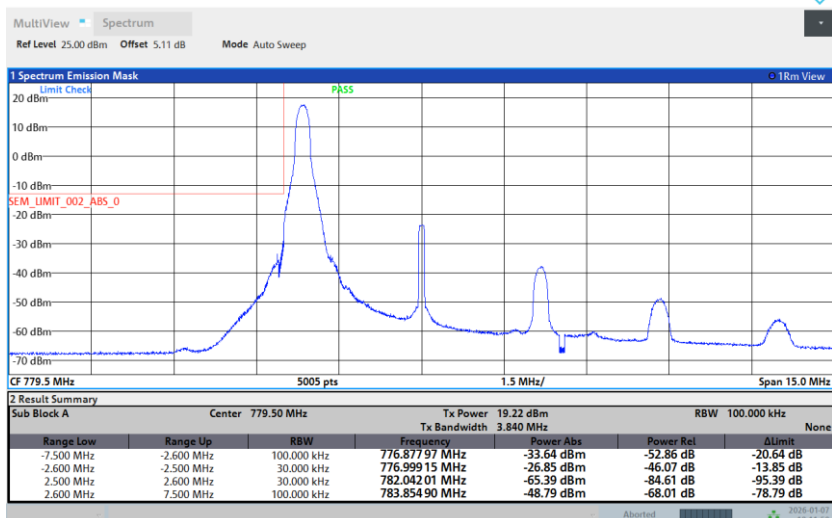
Graph5 LOW BAND EDGE BLOCK-1RB-LOW_offset



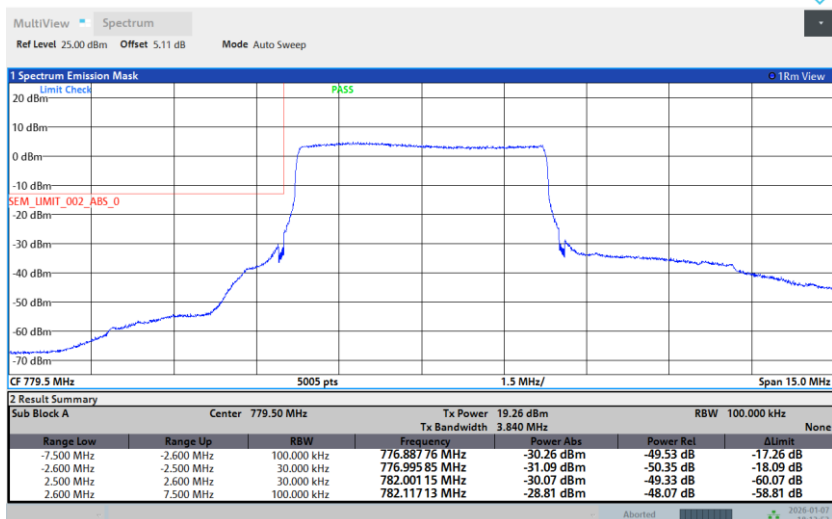
Graph6 LOW BAND EDGE BLOCK-5MHz-100%RB



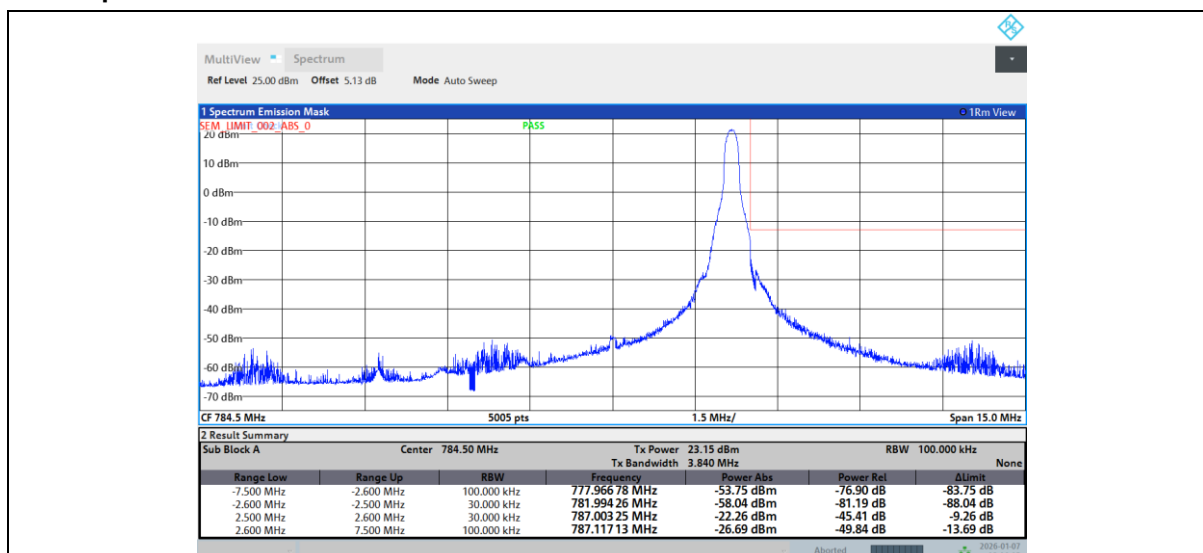
Graph7 LOW BAND EDGE BLOCK-1RB-LOW_offset



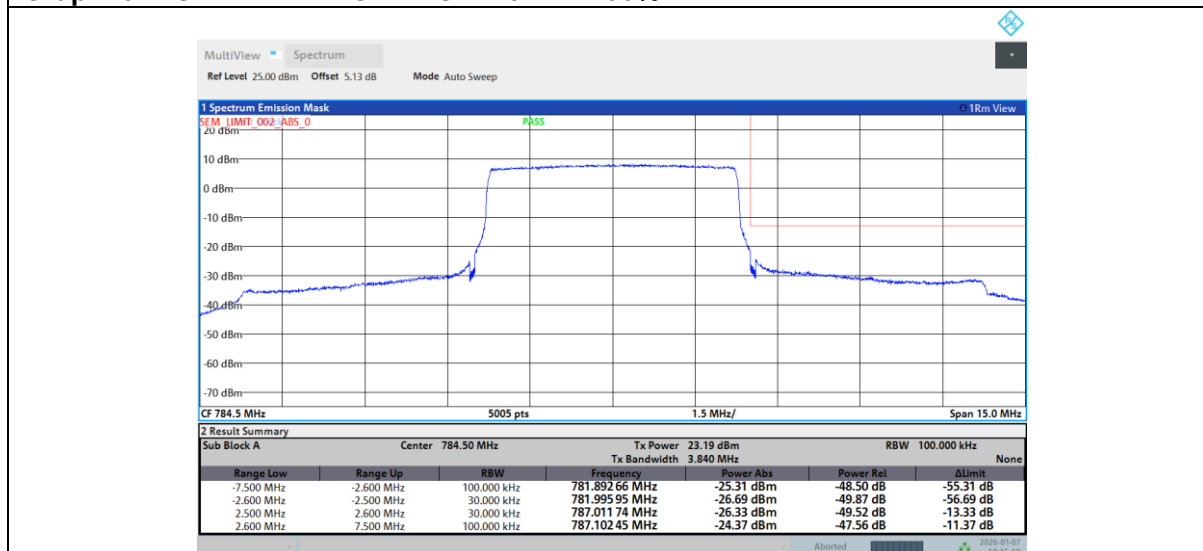
Graph8 LOW BAND EDGE BLOCK-5MHz-100%RB



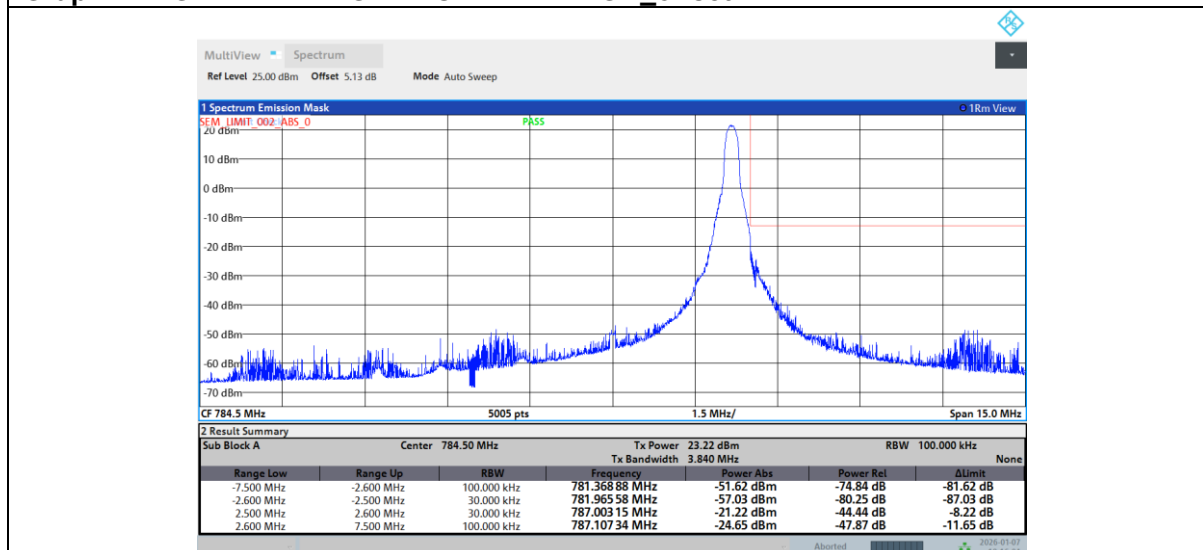
Graph9 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



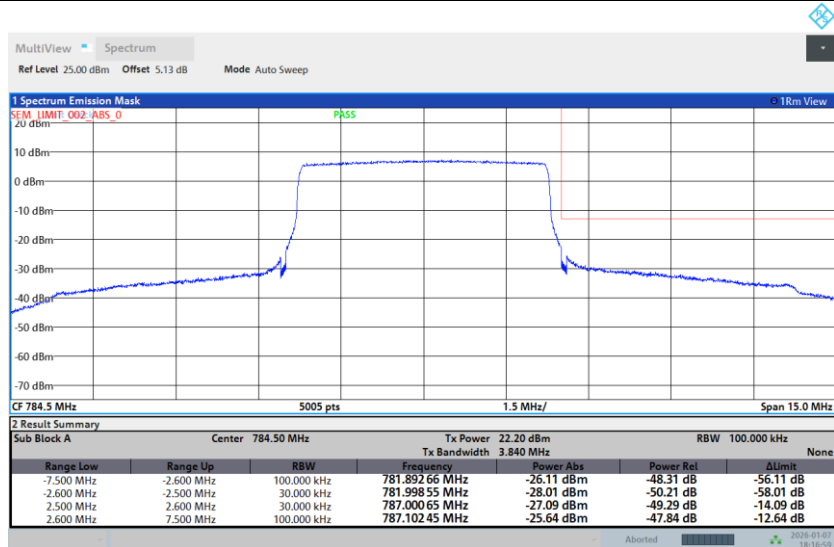
Graph10 HIGH BAND EDGE BLOCK-5MHz-100%RB



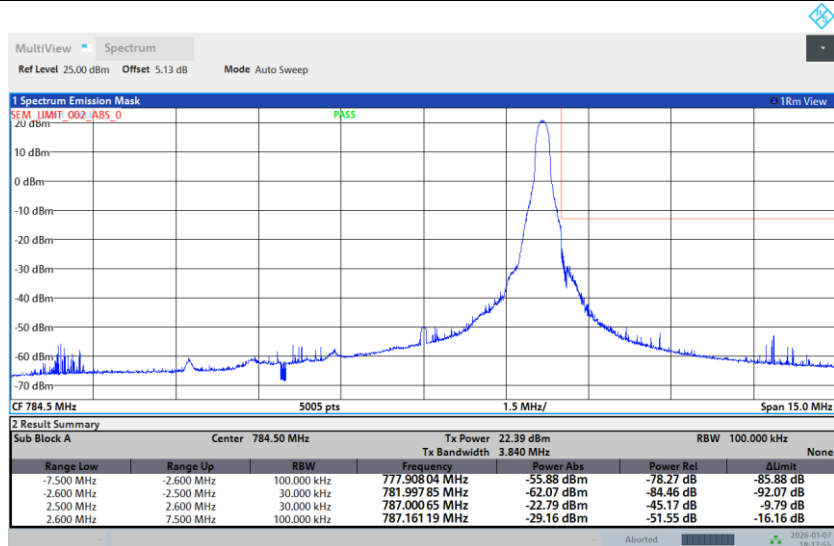
Graph11 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



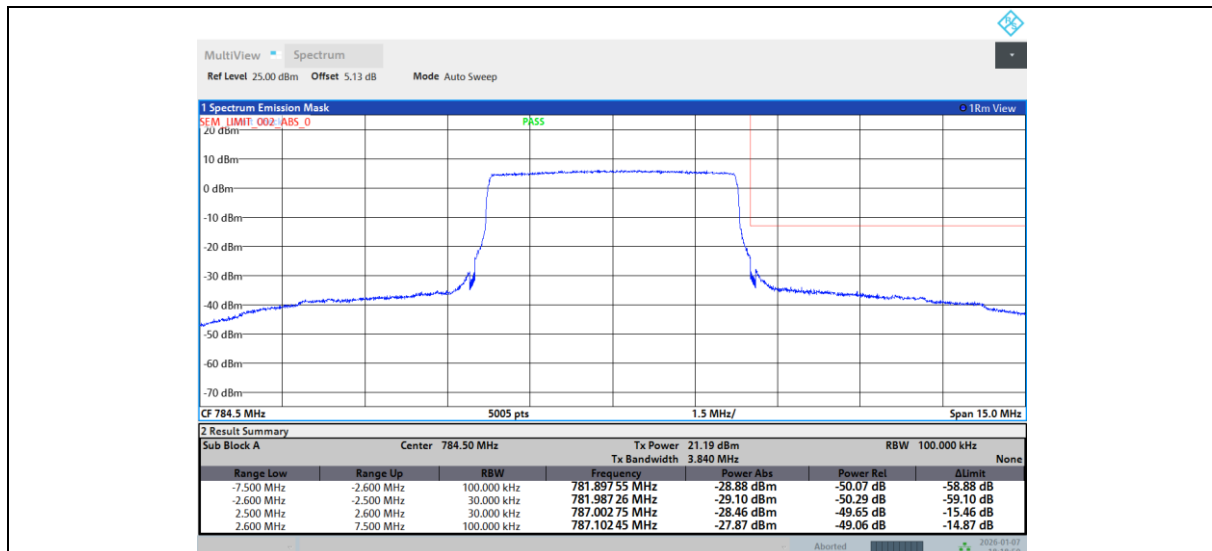
Graph12 HIGH BAND EDGE BLOCK-5MHz-100%RB



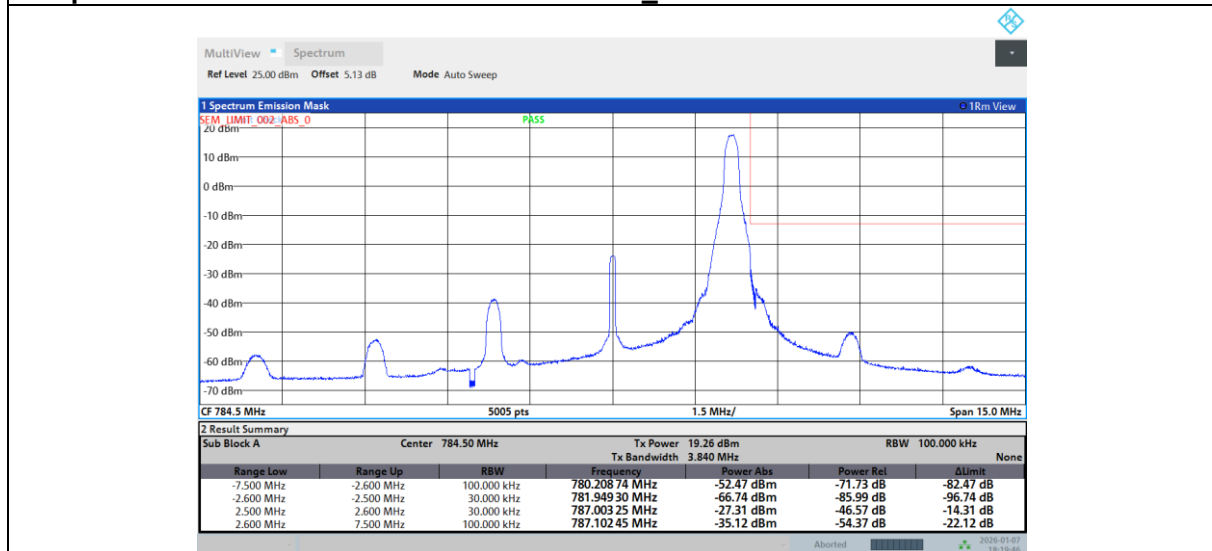
Graph13 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



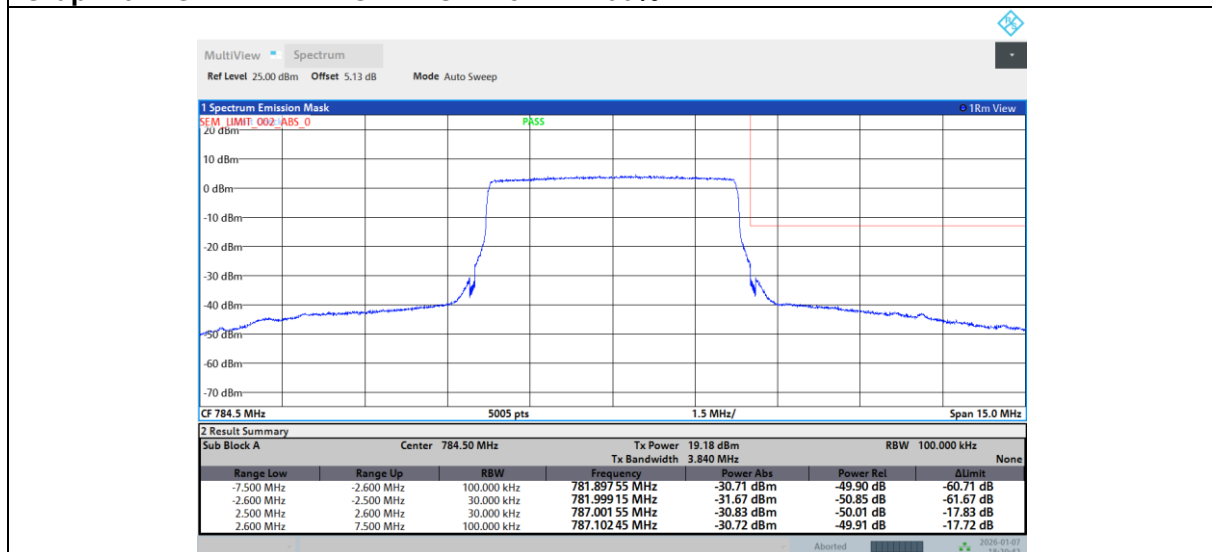
Graph14 HIGH BAND EDGE BLOCK-5MHz-100%RB



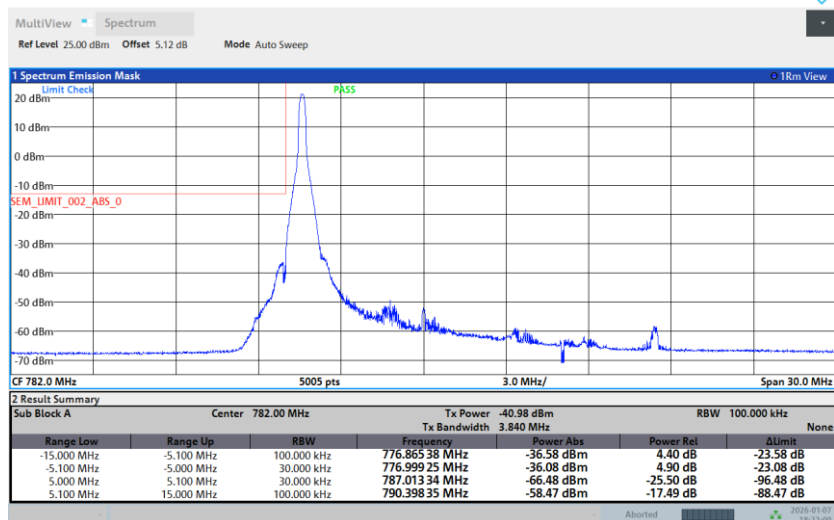
Graph15 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



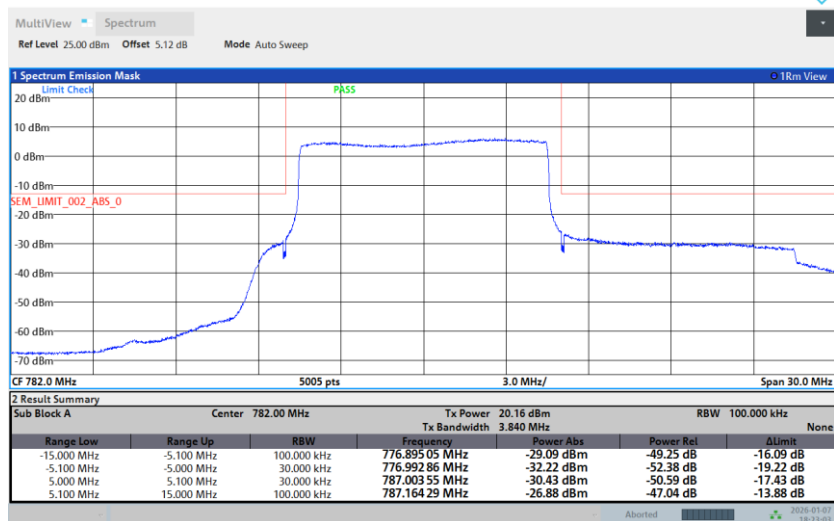
Graph16 HIGH BAND EDGE BLOCK-5MHz-100%RB



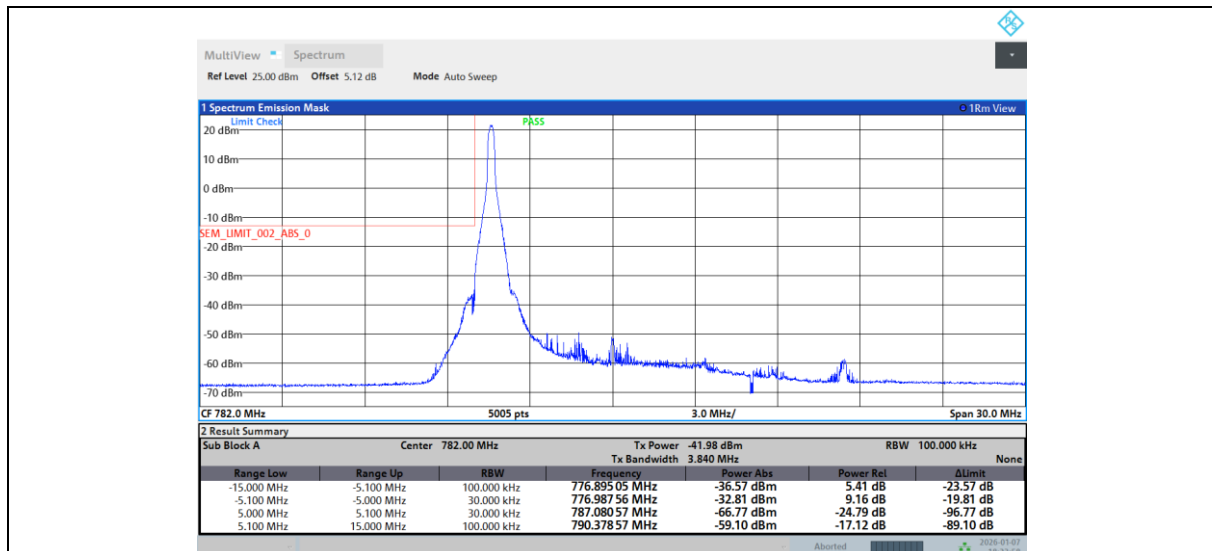
Graph17 LOW BAND EDGE BLOCK-1RB-LOW_offset



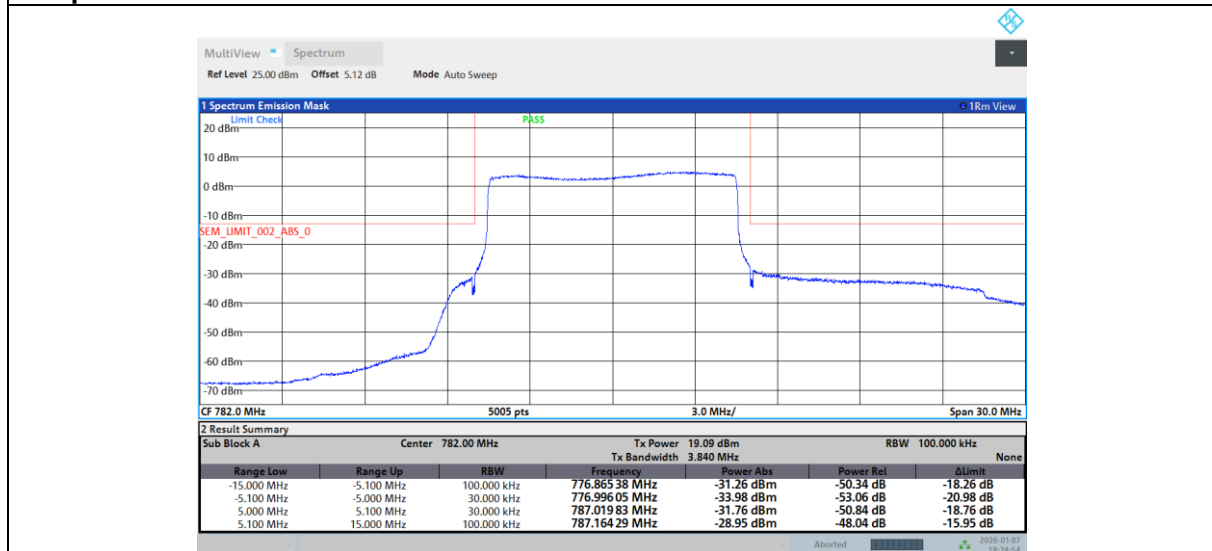
Graph18 LOW BAND EDGE BLOCK-10MHz-100%RB



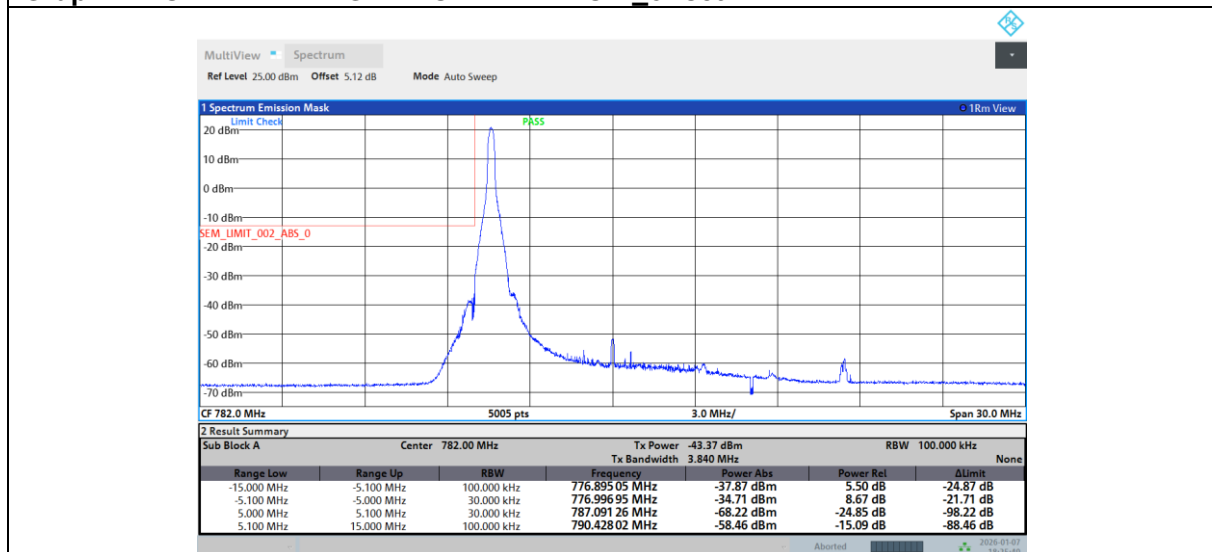
Graph19 LOW BAND EDGE BLOCK-1RB-LOW_offset



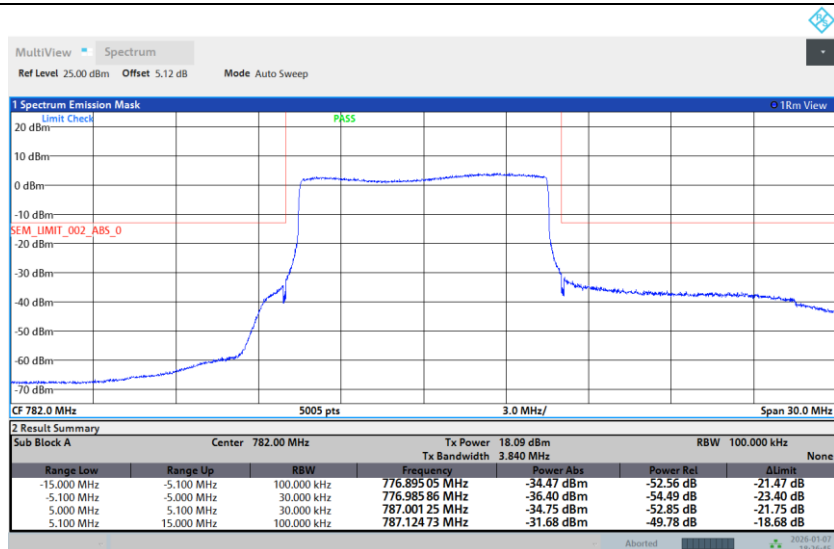
Graph20 LOW BAND EDGE BLOCK-10MHz-100%RB



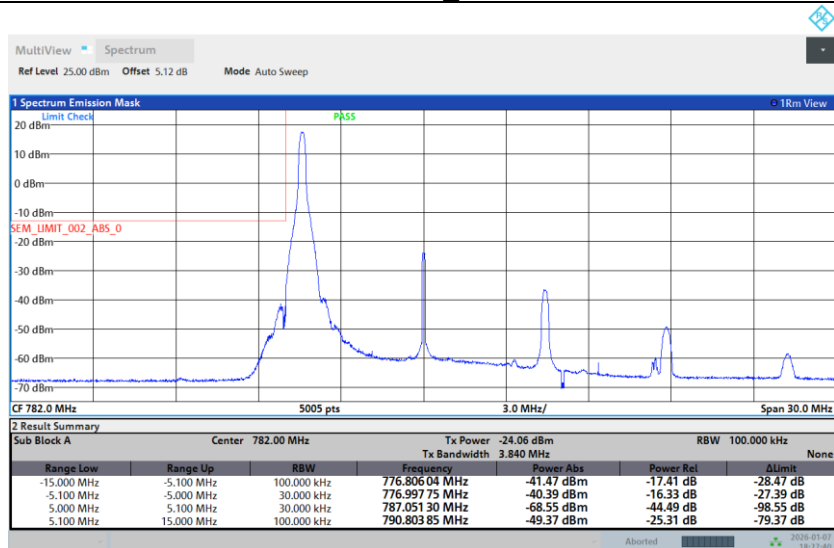
Graph21 LOW BAND EDGE BLOCK-1RB-LOW_offset



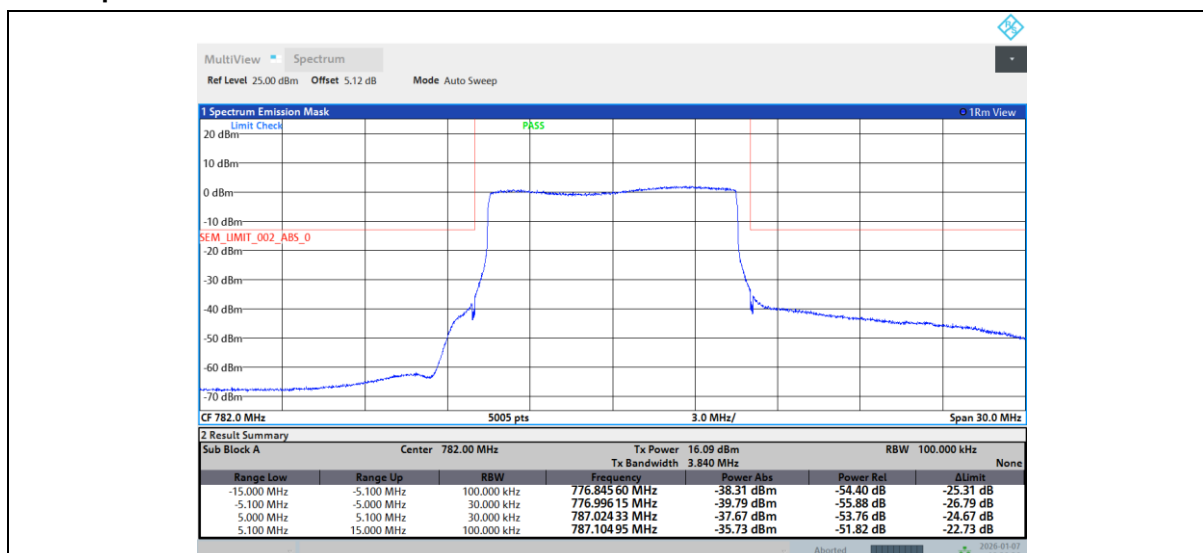
Graph22 LOW BAND EDGE BLOCK-10MHz-100%RB



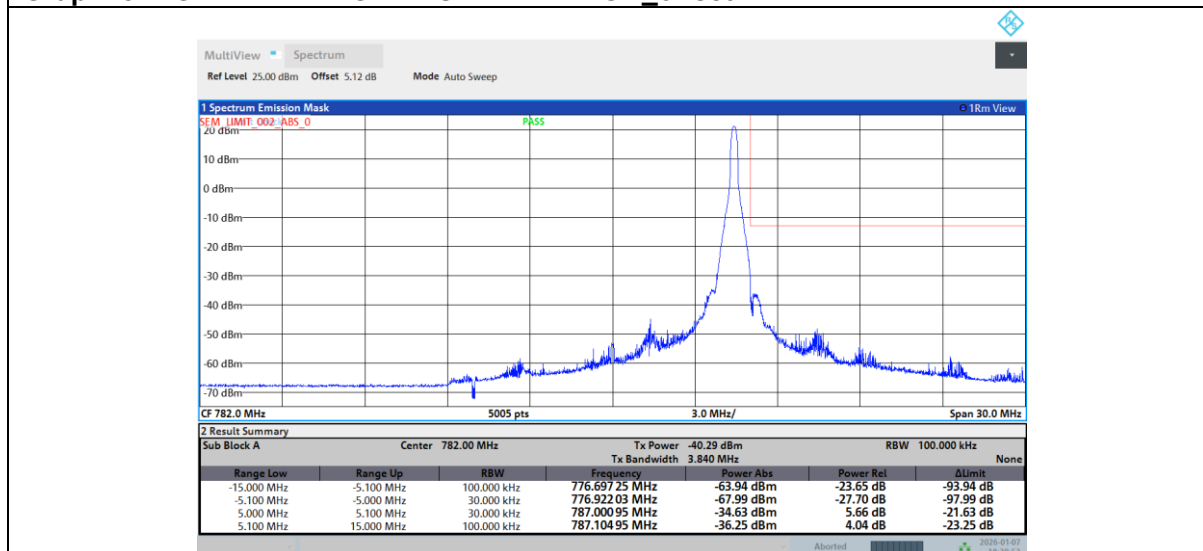
Graph23 LOW BAND EDGE BLOCK-1RB-LOW_offset



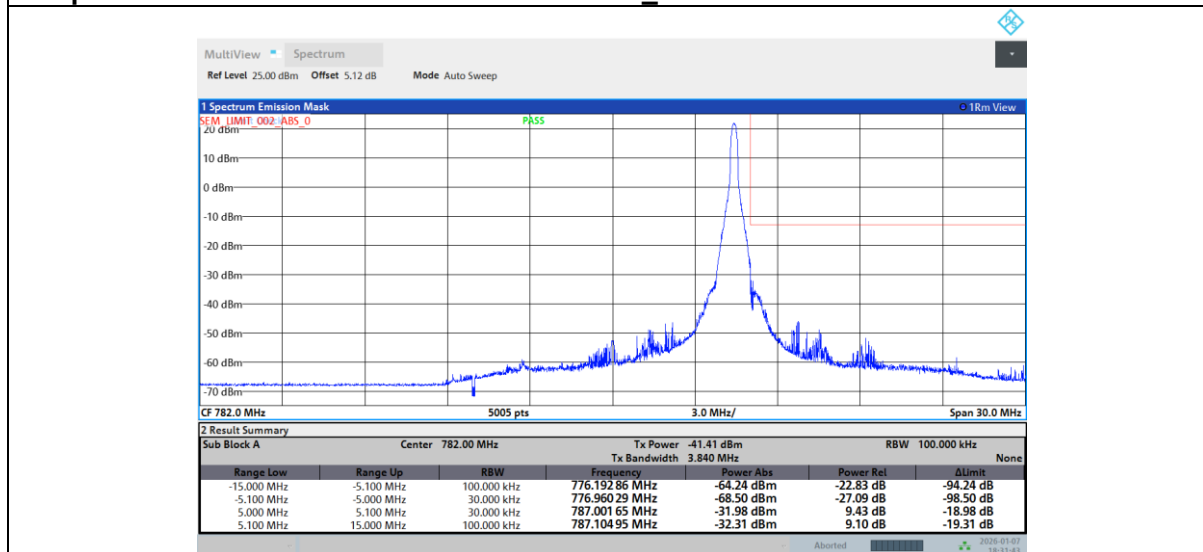
Graph24 LOW BAND EDGE BLOCK-10MHz-100%RB



Graph25 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



Graph26 HIGH BAND EDGE BLOCK-1RB-HIGH_offset

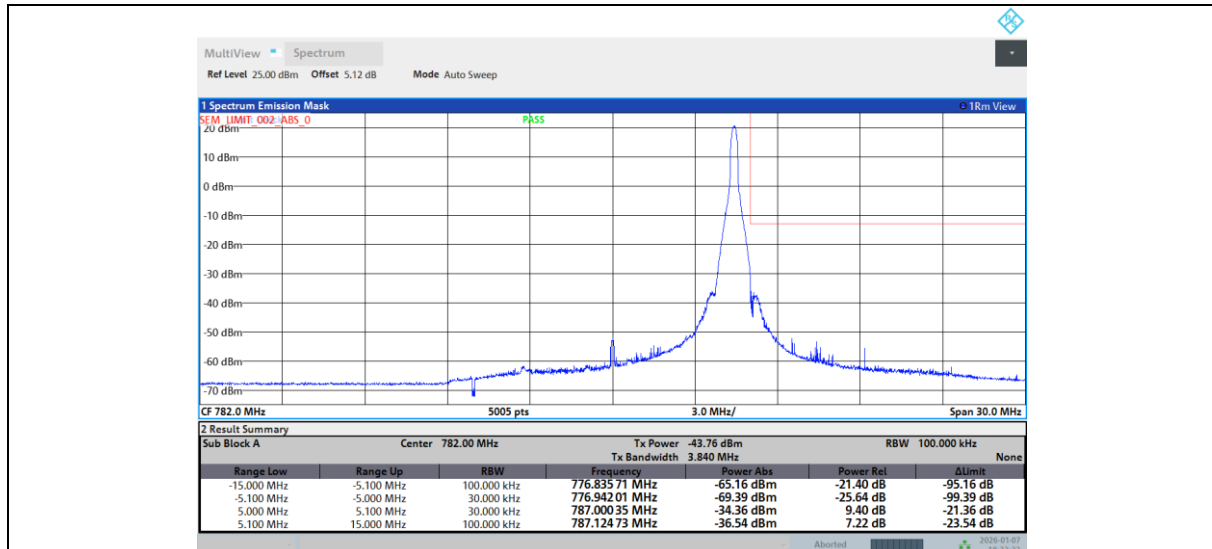


Graph27 HIGH BAND EDGE BLOCK-1RB-HIGH_offset

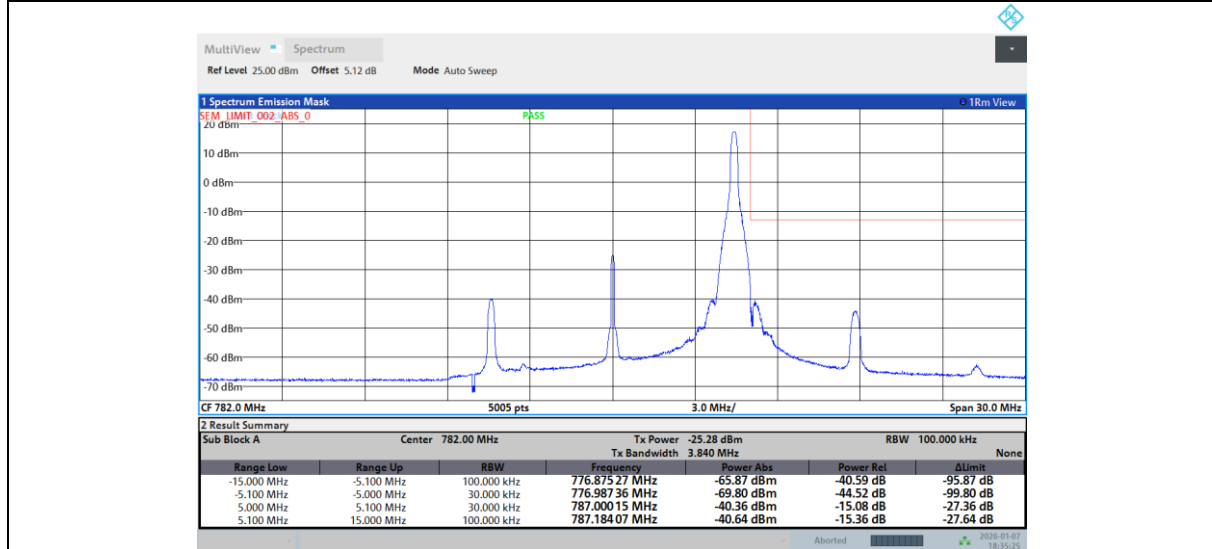
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Graph28 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



CONDUCTED SPURIOUS EMISSION

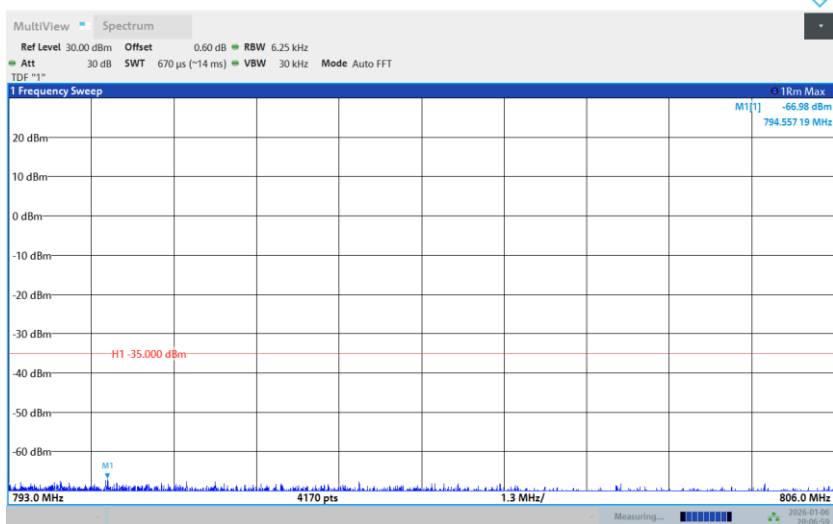
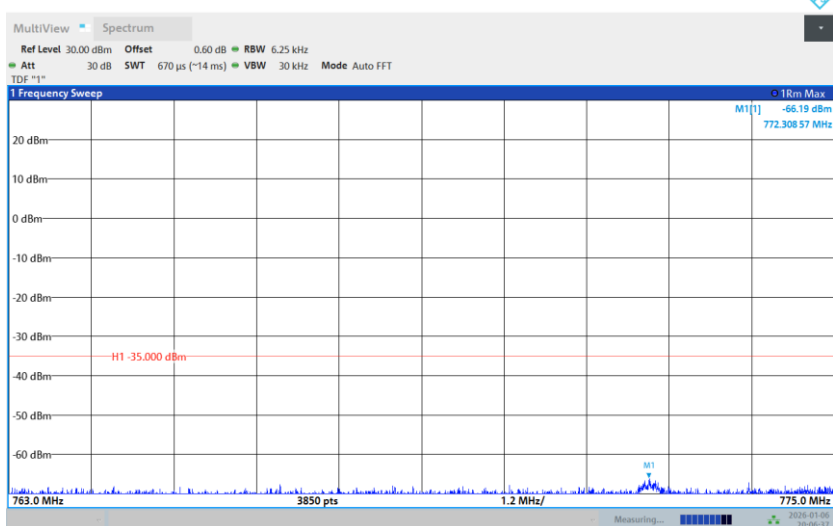
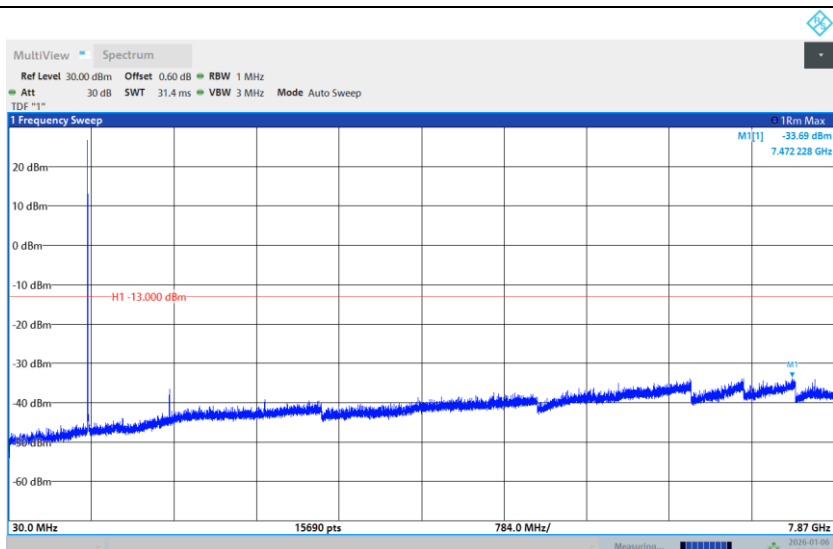
Test Result

LTE band 13

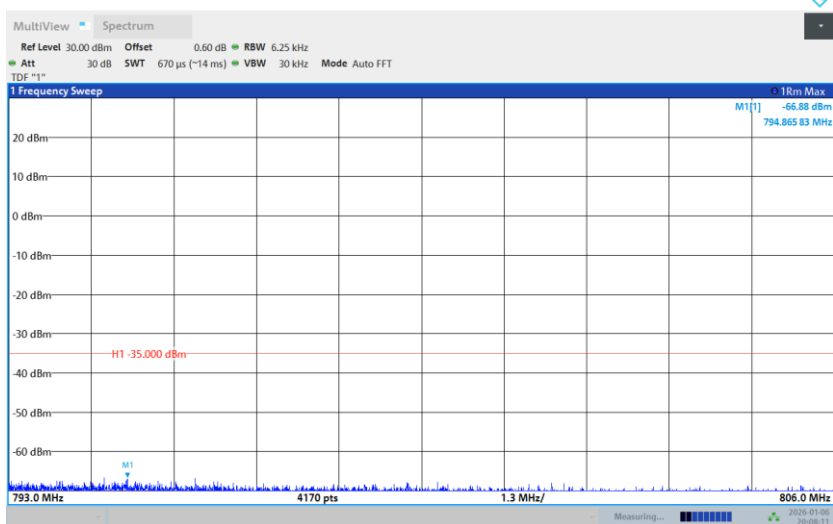
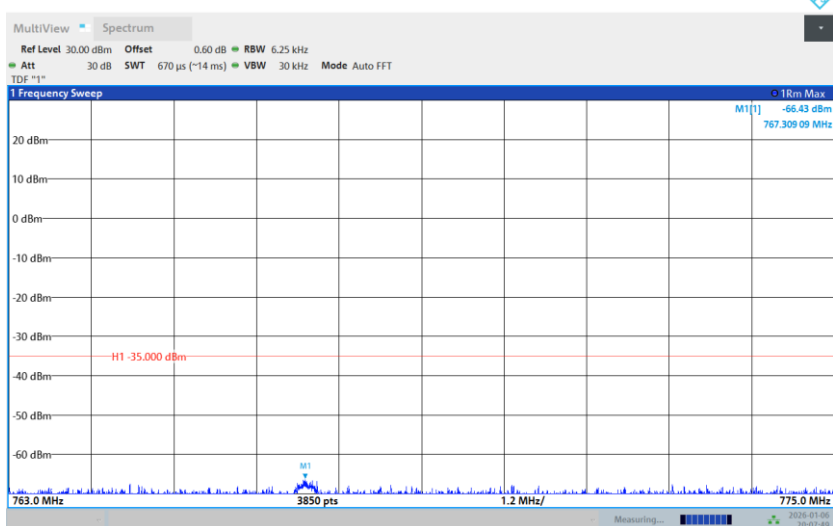
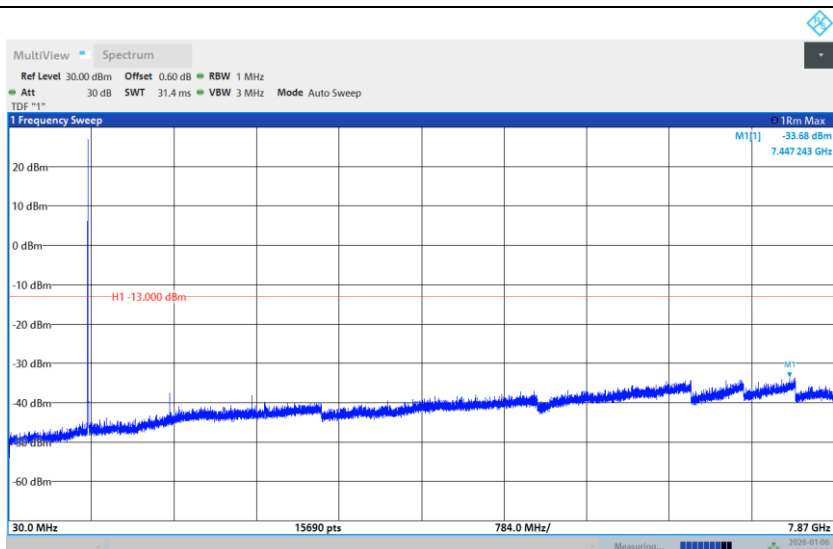
Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
5MHz	QPSK	23205	1RB Low	See Graph1	PASS
5MHz	QPSK	23230	1RB Low	See Graph2	PASS
5MHz	QPSK	23255	1RB Low	See Graph3	PASS
10MHz	QPSK	23230	1RB Low	See Graph4	PASS

Test Graphs

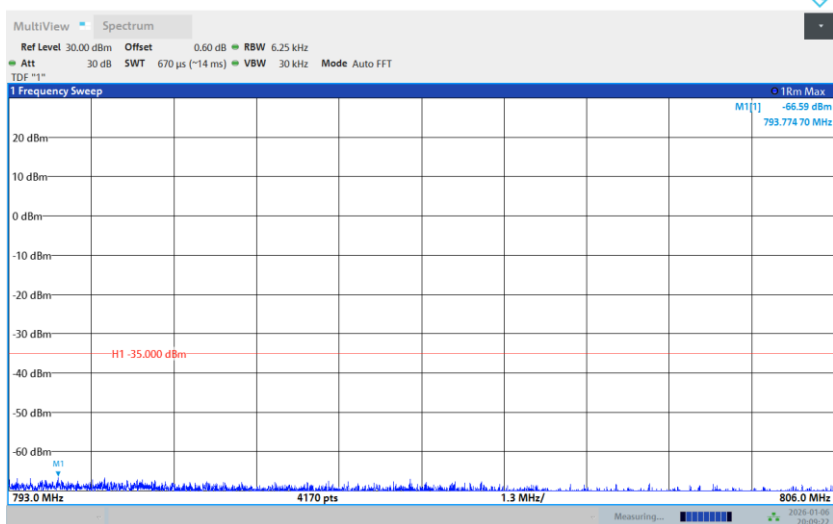
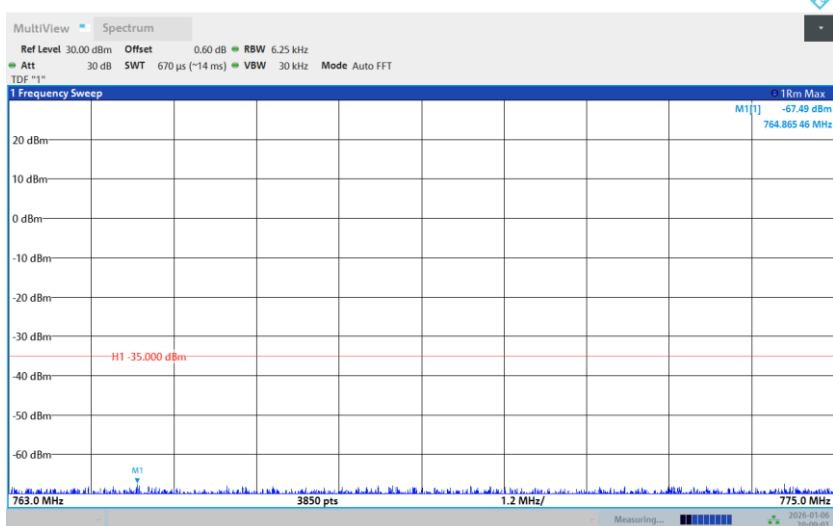
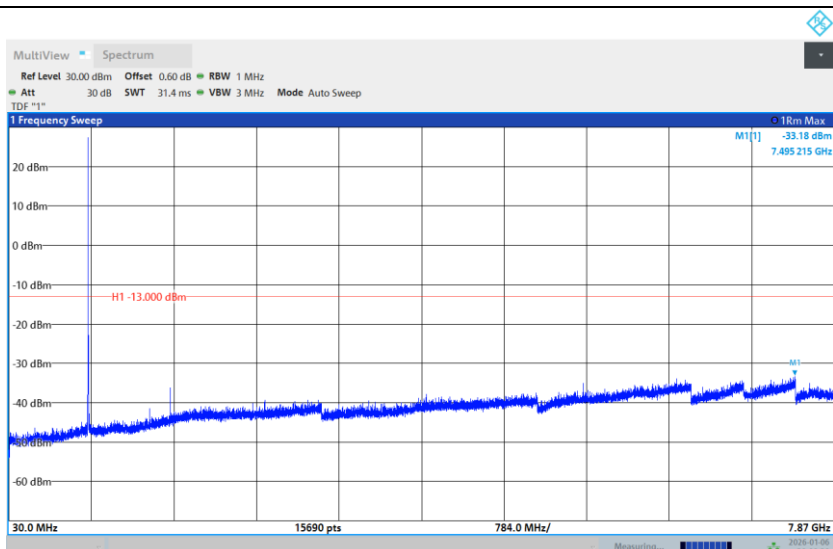
Graph1



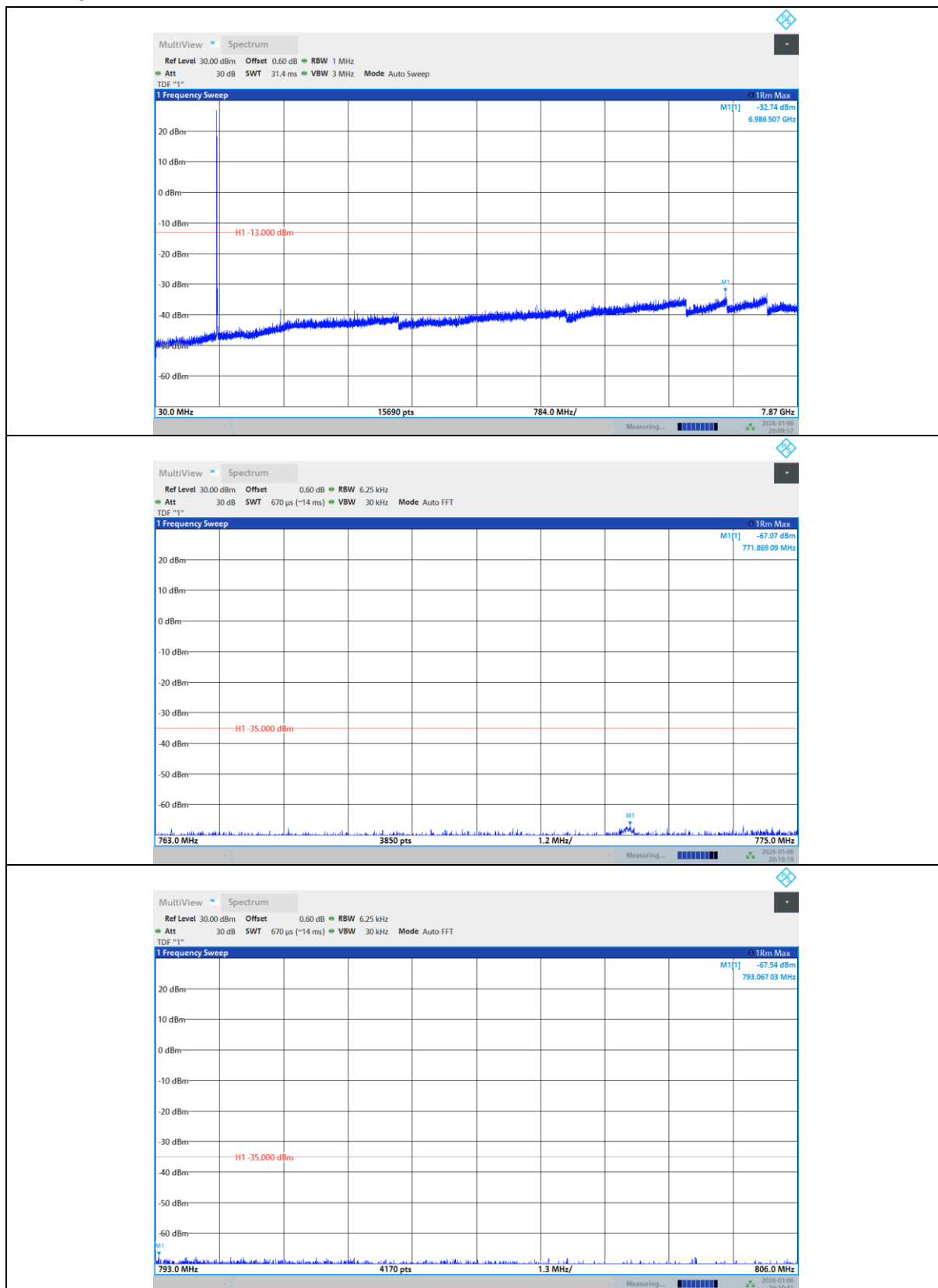
Graph2



Graph3



Graph4





Test Report No.: RF260714B008

FREQUENCY STABILITY

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage[Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	FL(MHz)	FH(MHz)	Limit(MHz)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-112.10	-0.1434	777.508388	786.4915	777-787	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-71.19	-0.0910	777.508429	786.4915	777-787	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-35.86	-0.0459	777.508464	786.4915	777-787	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage[Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	FL(MHz)	FH(MHz)	Limit(MHz)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-140.98	-0.1803	777.508359	786.4914	777-787	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-156.32	-0.1999	777.508344	786.4913	777-787	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-171.15	-0.2189	777.508329	786.4913	777-787	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	7.16	0.0092	777.508507	786.4915	777-787	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-143.35	-0.1833	777.508357	786.4914	777-787	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-91.84	-0.1174	777.508408	786.4914	777-787	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-87.14	-0.1114	777.508413	786.4914	777-787	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-176.75	-0.2260	777.508323	786.4913	777-787	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-96.53	-0.1234	777.508403	786.4914	777-787	PASS



Test Report No.: RF260714B008

LTE BAND 30

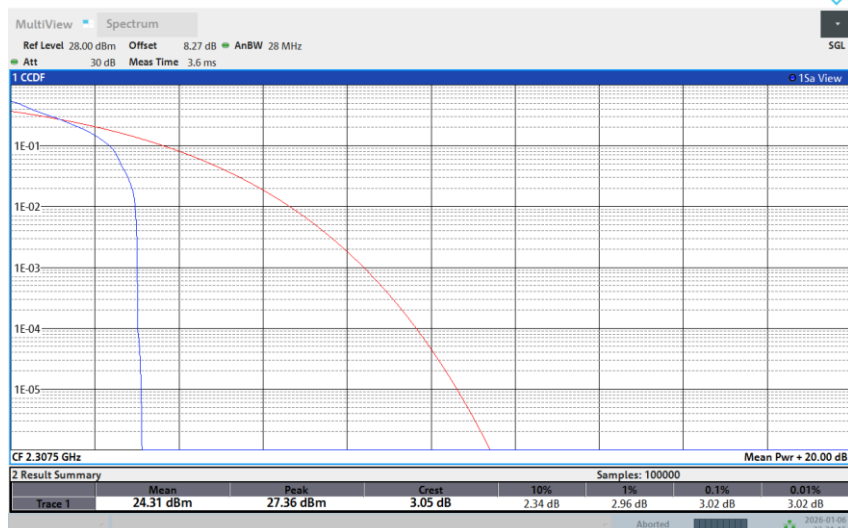
PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

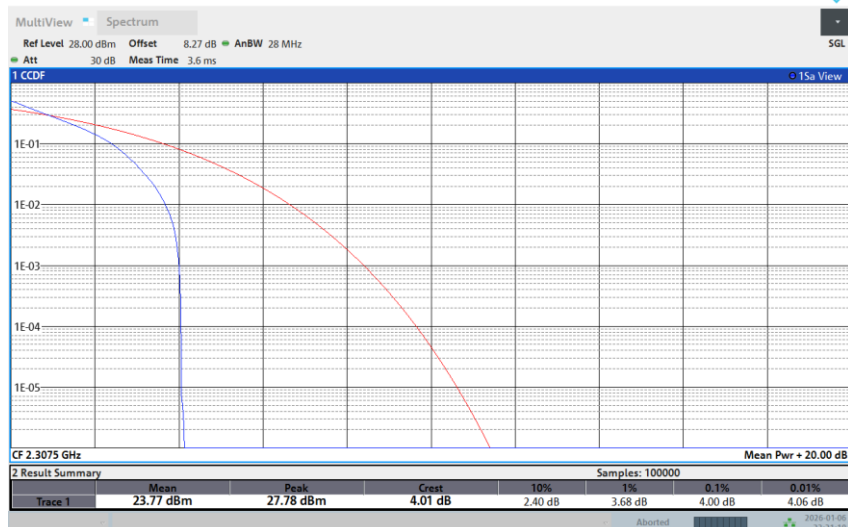
Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
5MHz	QPSK	27685	1RB Low	3.02	13	PASS
5MHz	QPSK	27685	Full RB	4.00	13	PASS
5MHz	16QAM	27685	1RB Low	3.54	13	PASS
5MHz	16QAM	27685	Full RB	4.82	13	PASS
5MHz	64QAM	27685	1RB Low	4.38	13	PASS
5MHz	64QAM	27685	Full RB	5.48	13	PASS
5MHz	256QAM	27685	1RB Low	6.10	13	PASS
5MHz	256QAM	27685	Full RB	6.44	13	PASS
5MHz	QPSK	27710	1RB Low	2.82	13	PASS
5MHz	QPSK	27710	Full RB	4.32	13	PASS
5MHz	16QAM	27710	1RB Low	3.50	13	PASS
5MHz	16QAM	27710	Full RB	5.16	13	PASS
5MHz	64QAM	27710	1RB Low	4.32	13	PASS
5MHz	64QAM	27710	Full RB	5.92	13	PASS
5MHz	256QAM	27710	1RB Low	6.38	13	PASS
5MHz	256QAM	27710	Full RB	6.74	13	PASS
5MHz	QPSK	27735	1RB Low	2.44	13	PASS
5MHz	QPSK	27735	Full RB	4.04	13	PASS
5MHz	16QAM	27735	1RB Low	3.40	13	PASS
5MHz	16QAM	27735	Full RB	5.04	13	PASS
5MHz	64QAM	27735	1RB Low	4.18	13	PASS
5MHz	64QAM	27735	Full RB	5.90	13	PASS
5MHz	256QAM	27735	1RB Low	6.30	13	PASS
5MHz	256QAM	27735	Full RB	6.52	13	PASS
10MHz	QPSK	27710	1RB Low	3.02	13	PASS
10MHz	QPSK	27710	Full RB	4.18	13	PASS
10MHz	16QAM	27710	1RB Low	3.72	13	PASS
10MHz	16QAM	27710	Full RB	5.10	13	PASS
10MHz	64QAM	27710	1RB Low	4.50	13	PASS
10MHz	64QAM	27710	Full RB	5.78	13	PASS
10MHz	256QAM	27710	1RB Low	6.12	13	PASS
10MHz	256QAM	27710	Full RB	6.64	13	PASS

Test Graphs

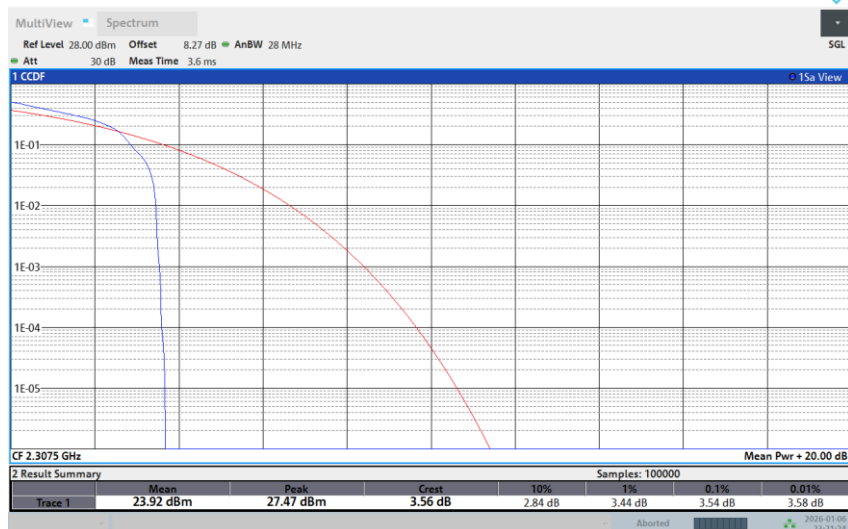
Band 30-5M-LOW-QPSK-1RB Low



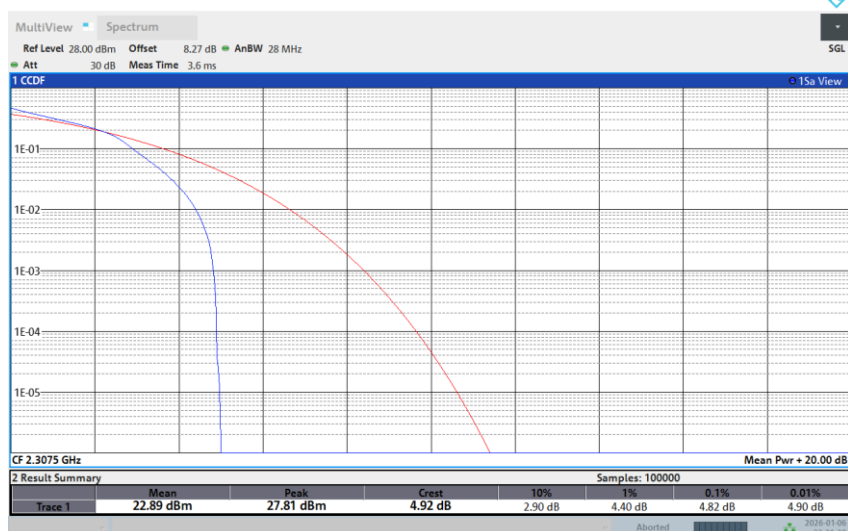
Band 30-5M-LOW-QPSK-Full RB



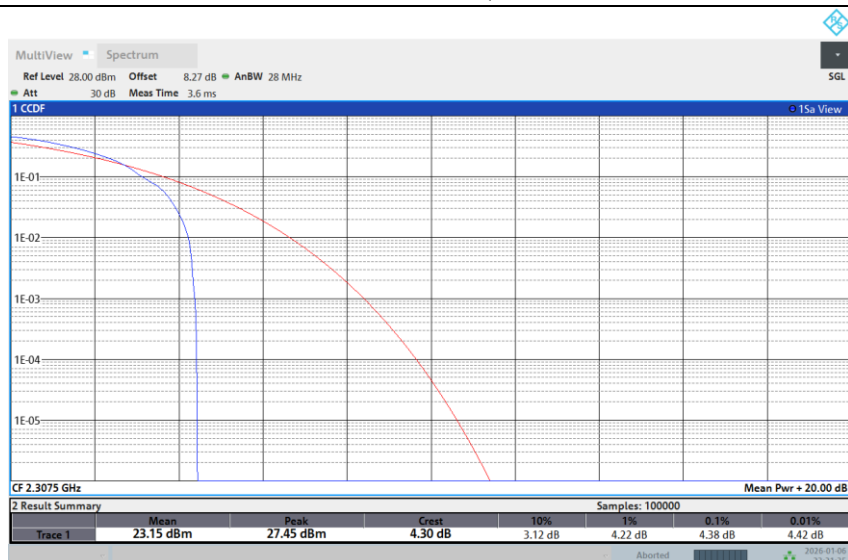
Band 30-5M-LOW-16QAM-1RB Low



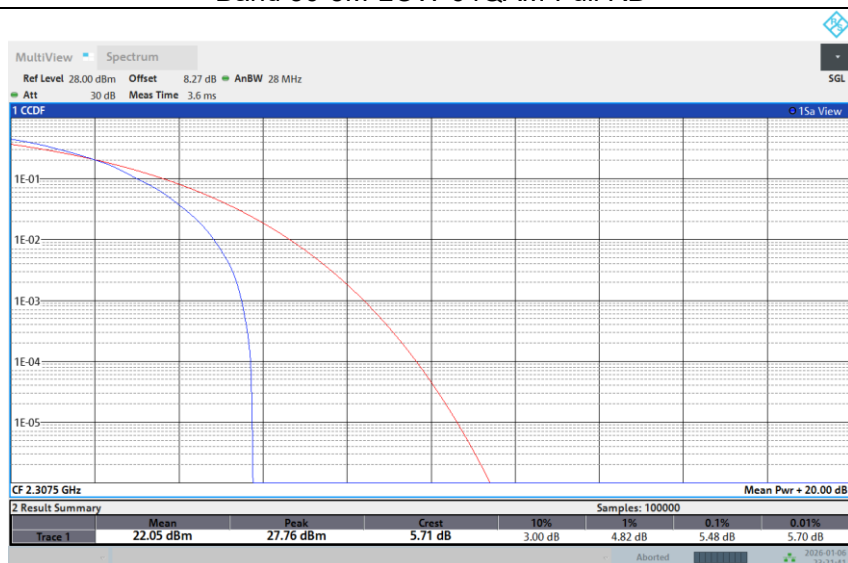
Band 30-5M-LOW-16QAM-Full RB



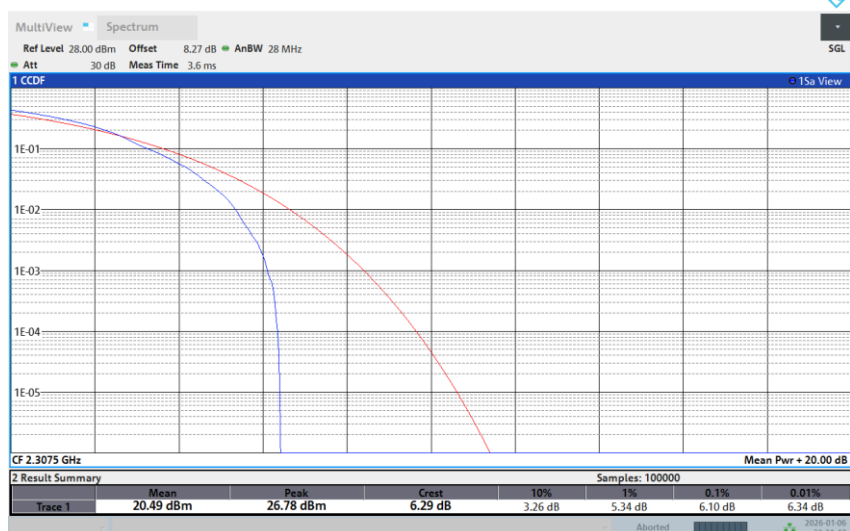
Band 30-5M-LOW-64QAM-1RB Low



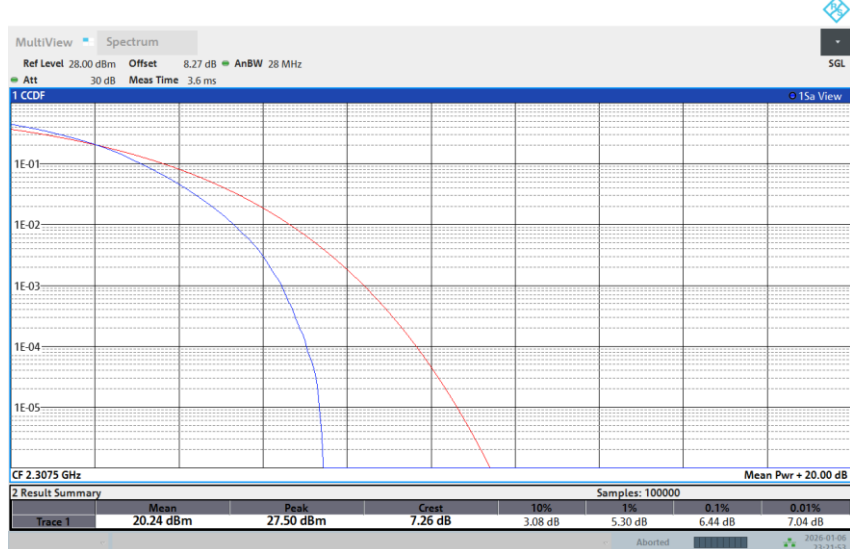
Band 30-5M-LOW-64QAM-Full RB



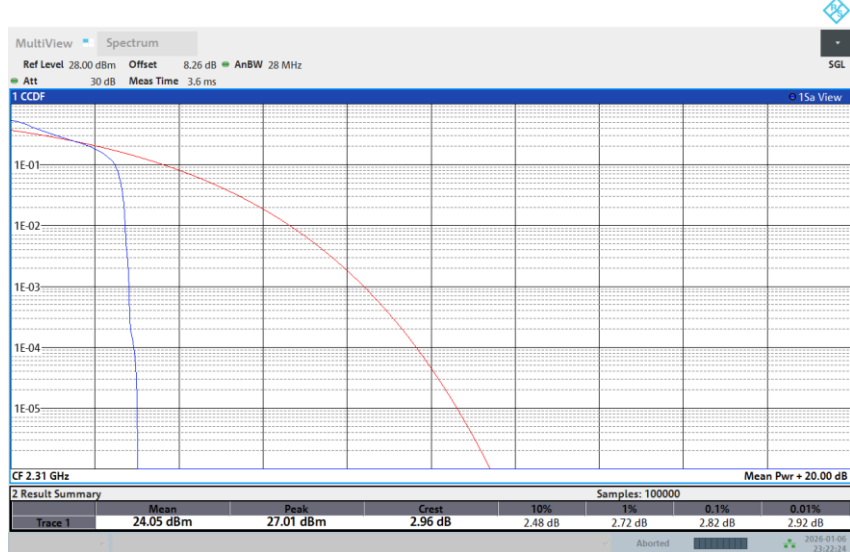
Band 30-5M-LOW-256QAM-1RB Low



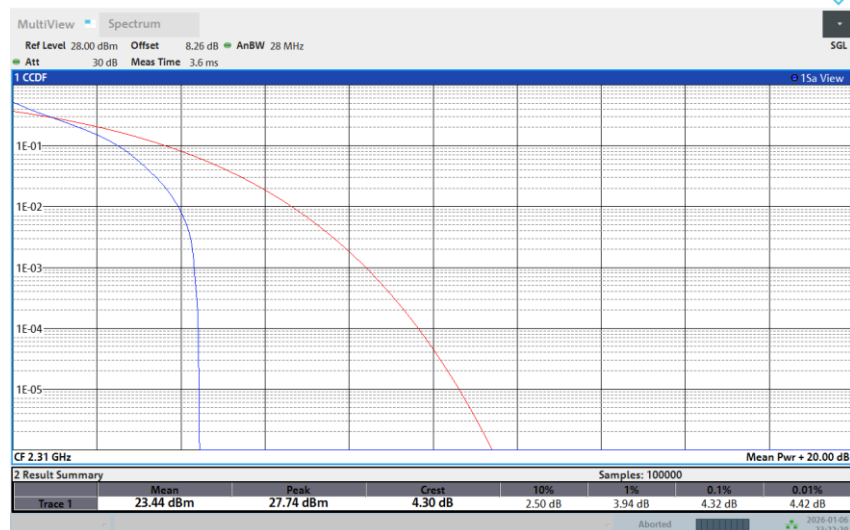
Band 30-5M-LOW-256QAM-Full RB



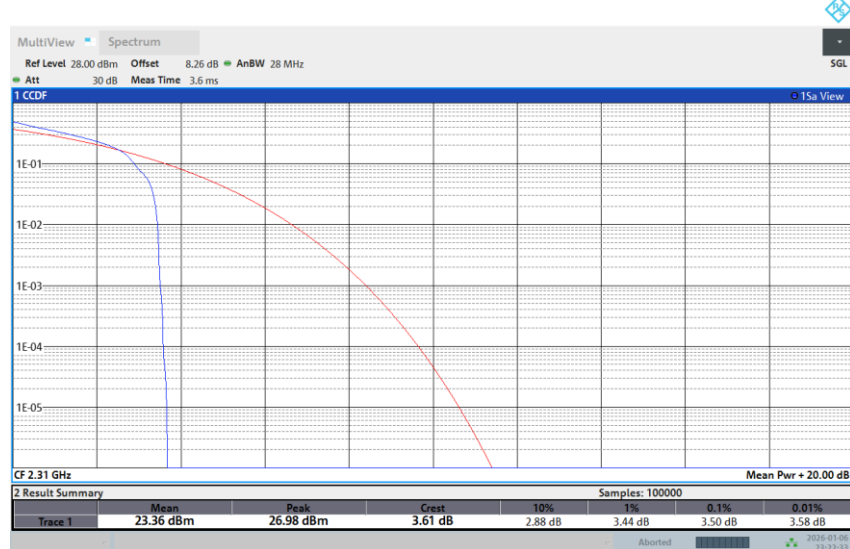
Band 30-5M-MID-QPSK-1RB Low



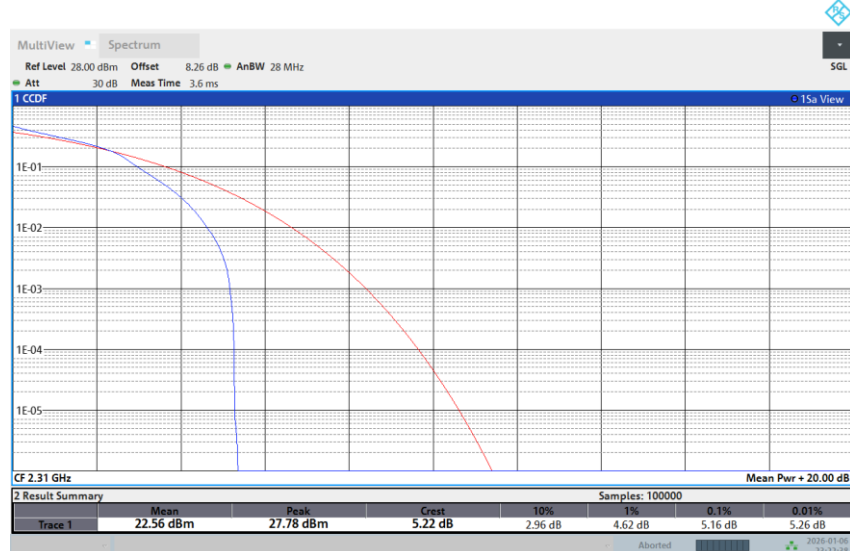
Band 30-5M-MID-QPSK-Full RB



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



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

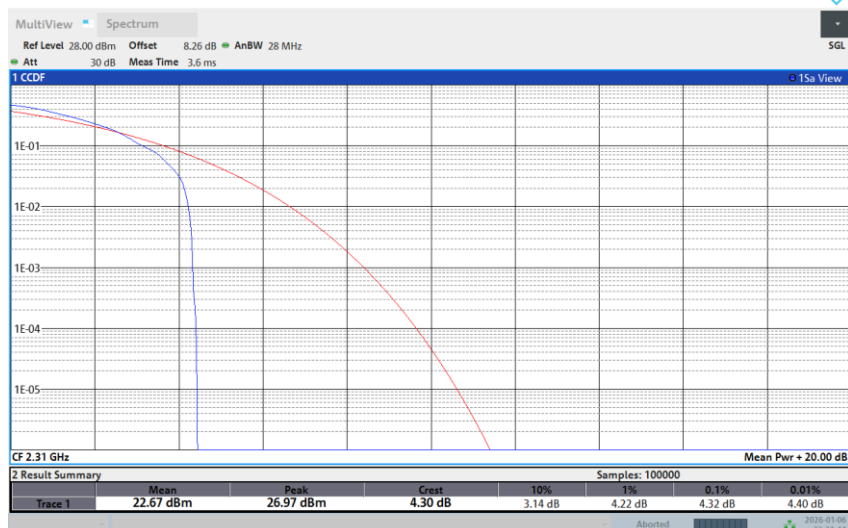


Band 30-5M-MID-64QAM-1RB Low

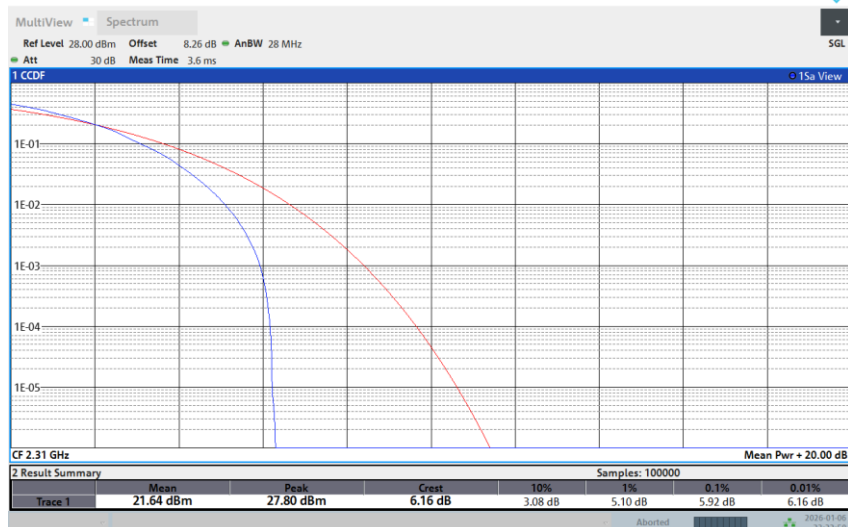
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Nanshan District, Shenzhen, Guangdong, P.R. CHINA

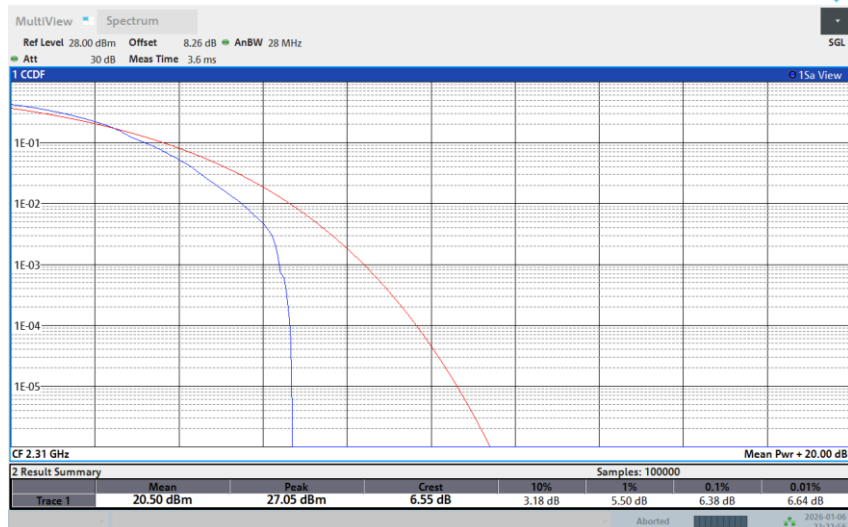
Mobile: +86 15118052731
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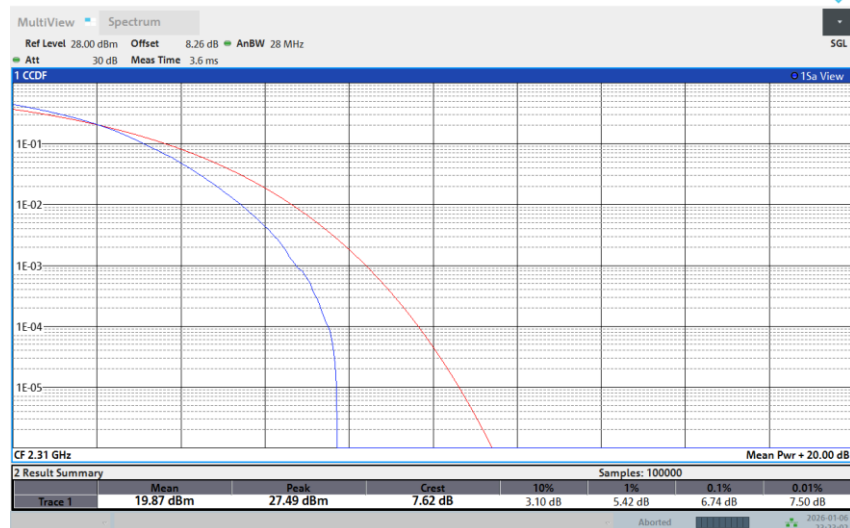
Band 30-5M-MID-64QAM-Full RB



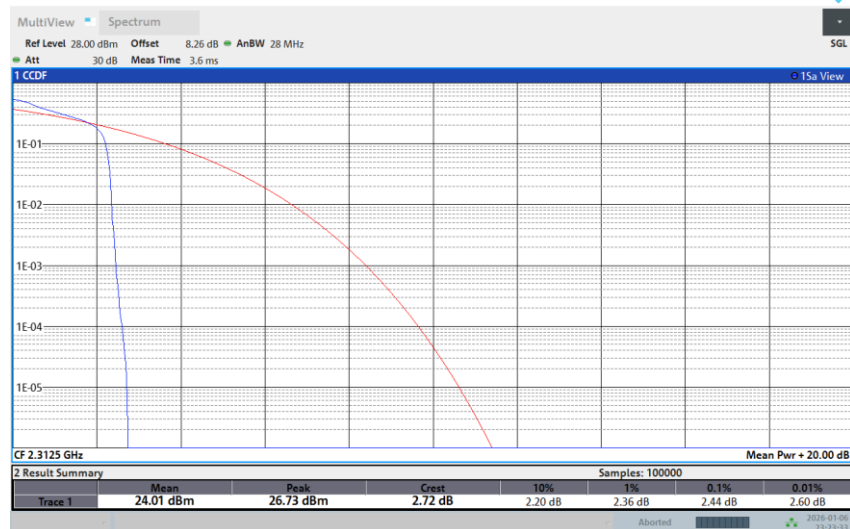
Band 30-5M-MID-256QAM-1RB Low



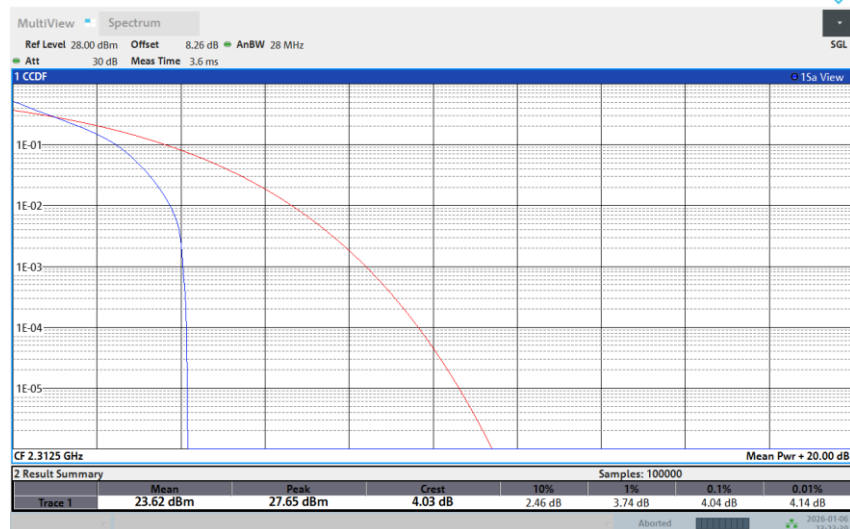
Band 30-5M-MID-256QAM-Full RB



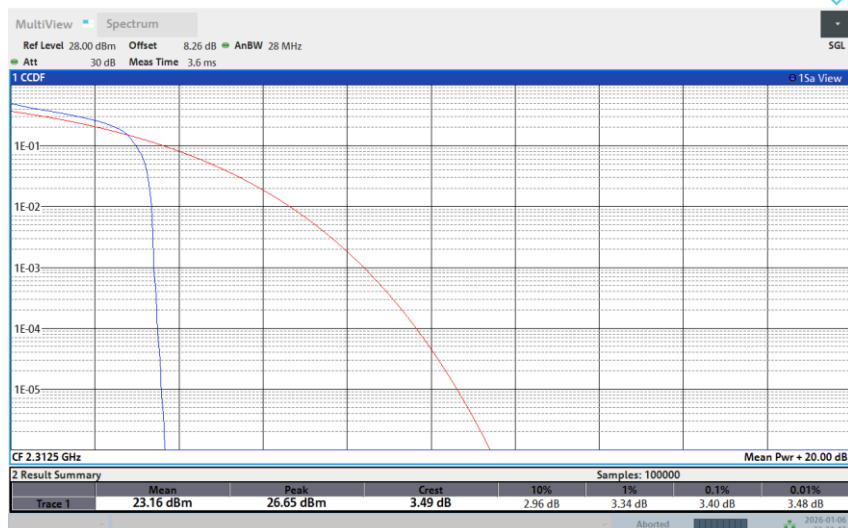
Band 30-5M-HIGH-QPSK-1RB Low



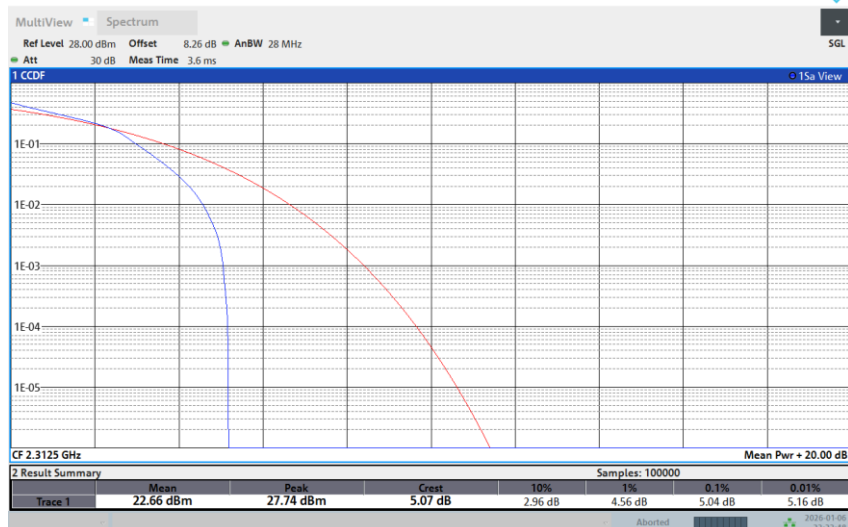
Band 30-5M-HIGH-QPSK-Full RB



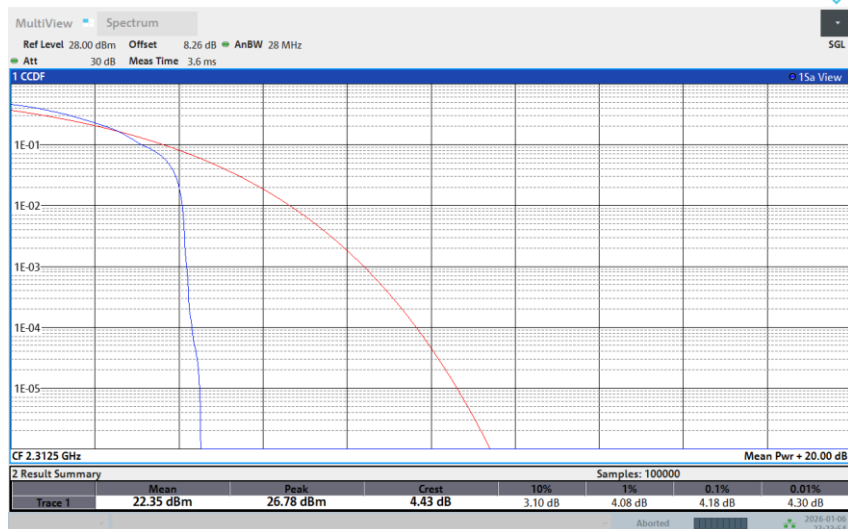
Band 30-5M-HIGH-16QAM-1RB Low



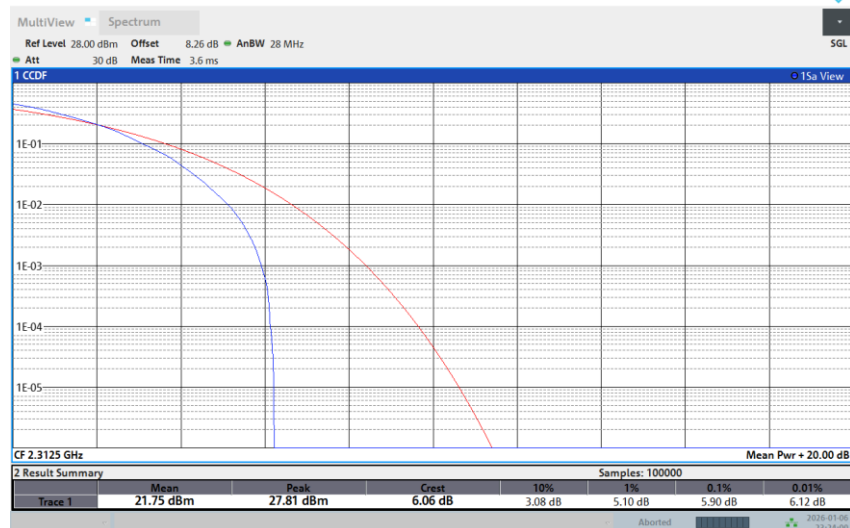
Band 30-5M-HIGH-16QAM-Full RB



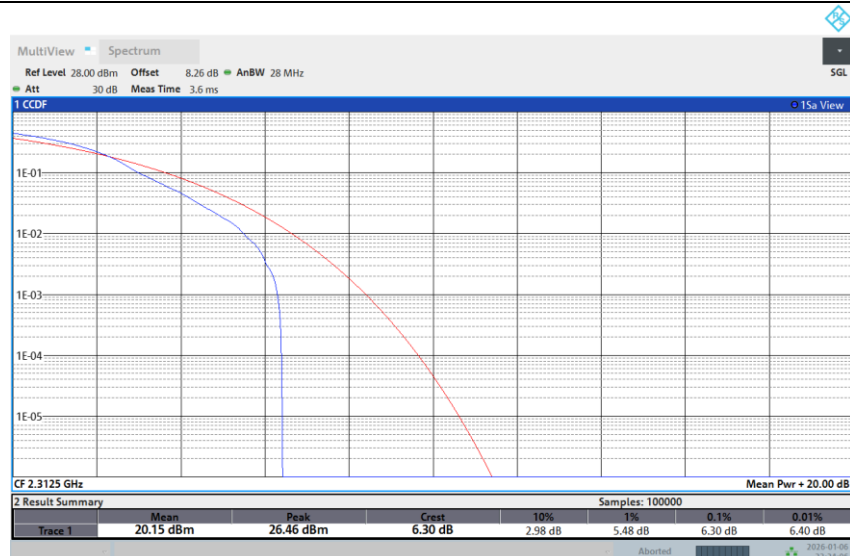
Band 30-5M-HIGH-64QAM-1RB Low



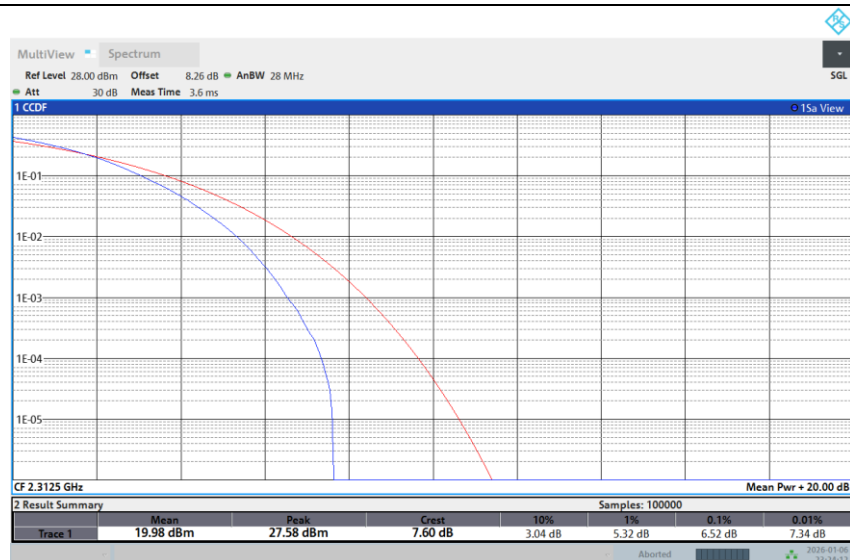
Band 30-5M-HIGH-64QAM-Full RB



Band 30-5M-HIGH-256QAM-1RB Low



Band 30-5M-HIGH-256QAM-Full RB



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

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