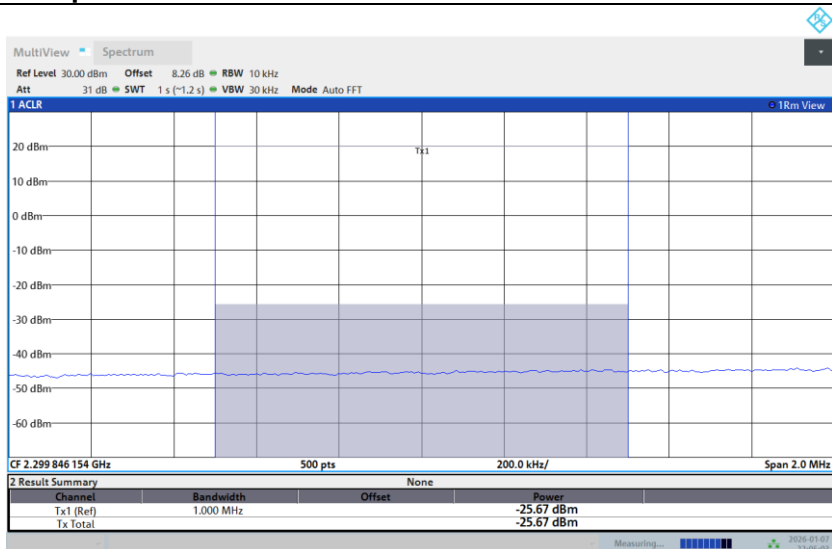
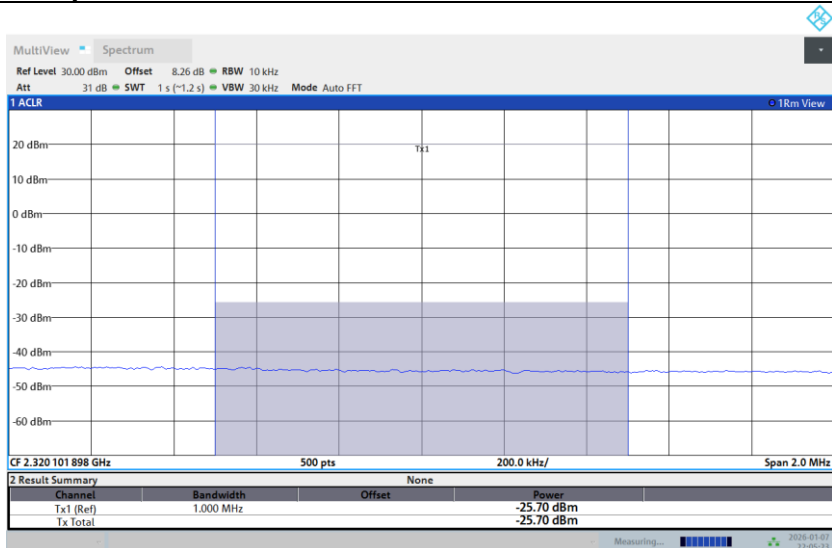


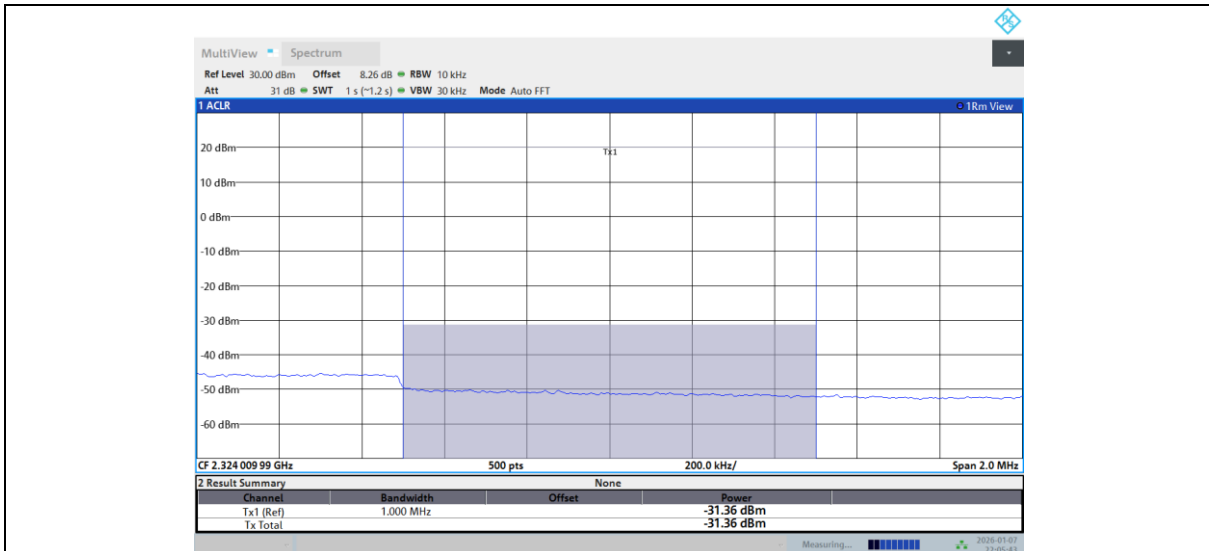
Graph18 Channel power



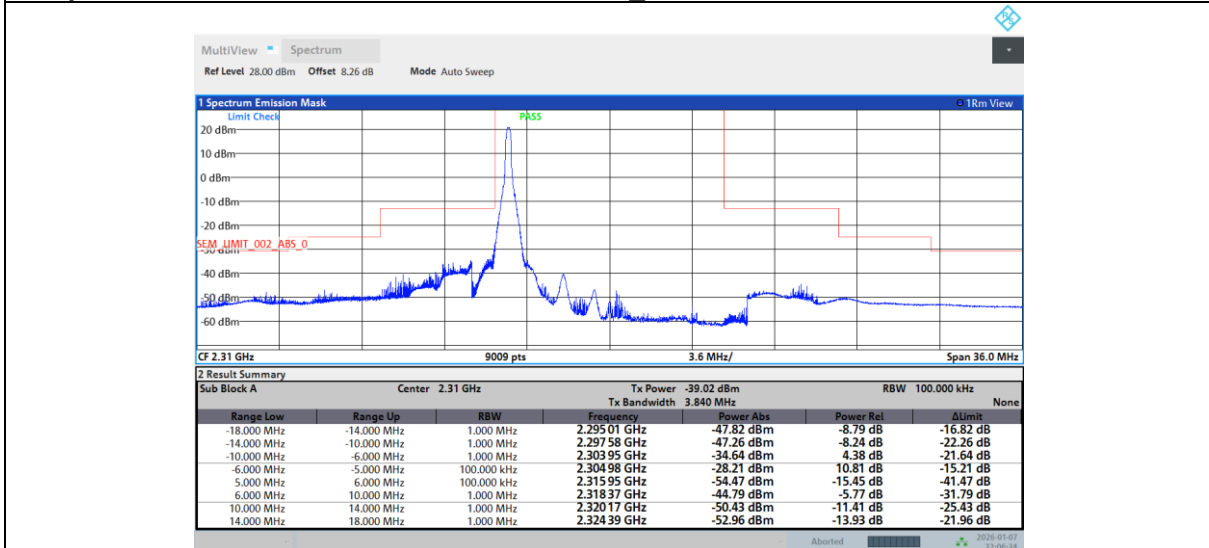
Graph18 Channel power



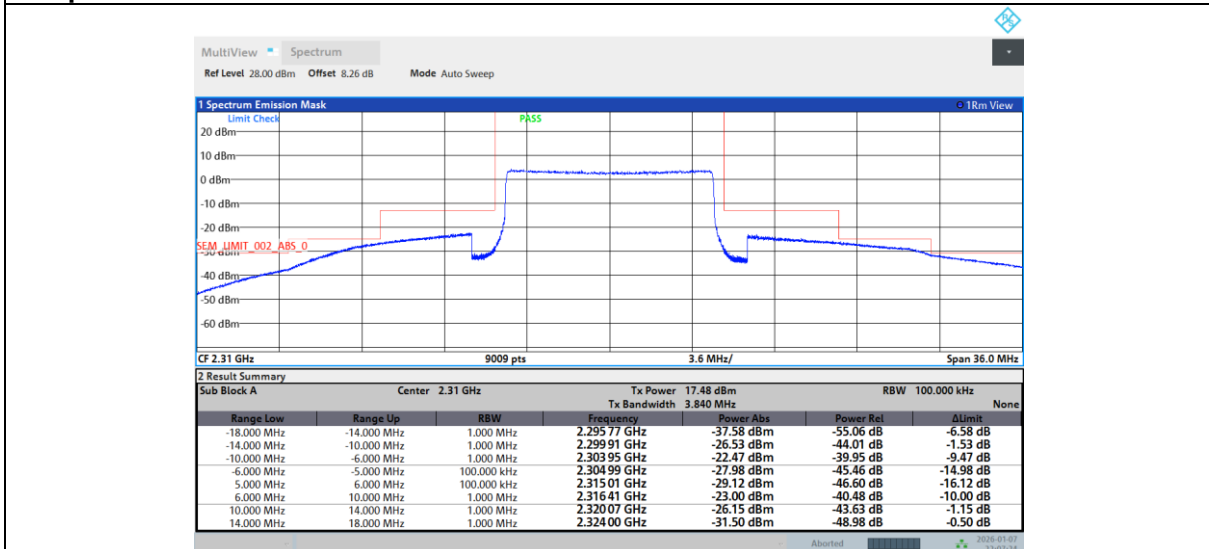
Graph18 Channel power



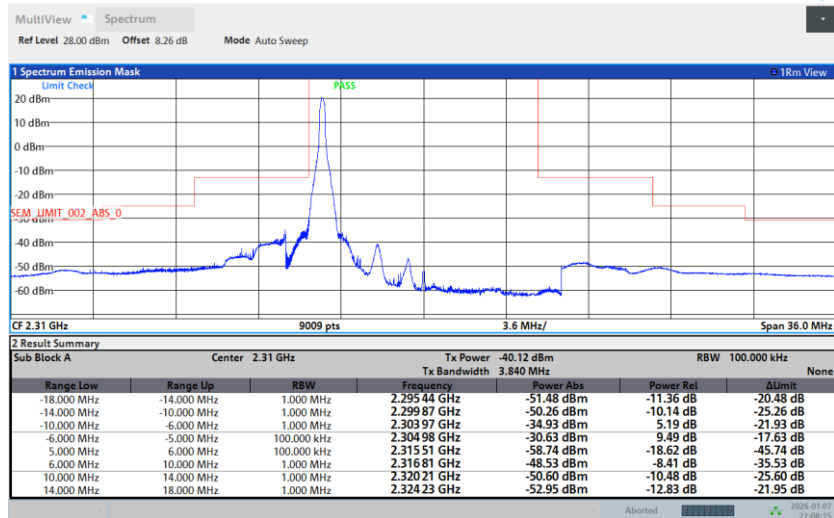
Graph19 LOW BAND EDGE BLOCK-1RB-LOW_offset



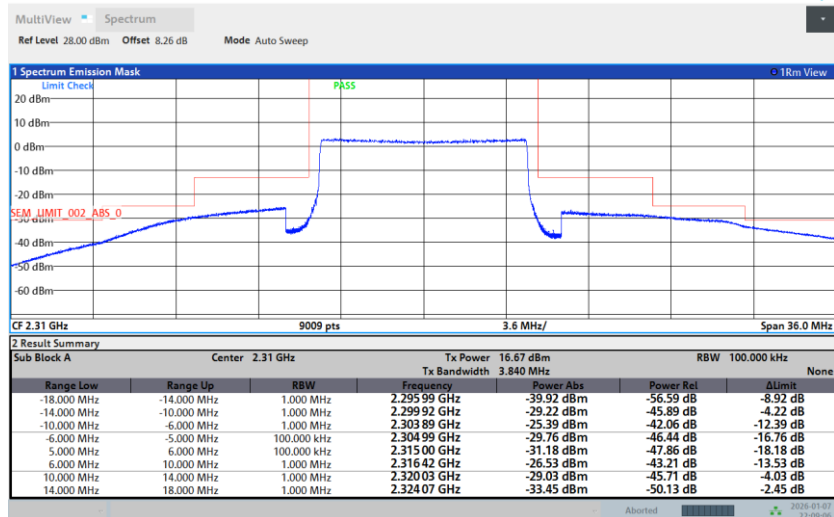
Graph20 LOW BAND EDGE BLOCK-10MHz-100%RB



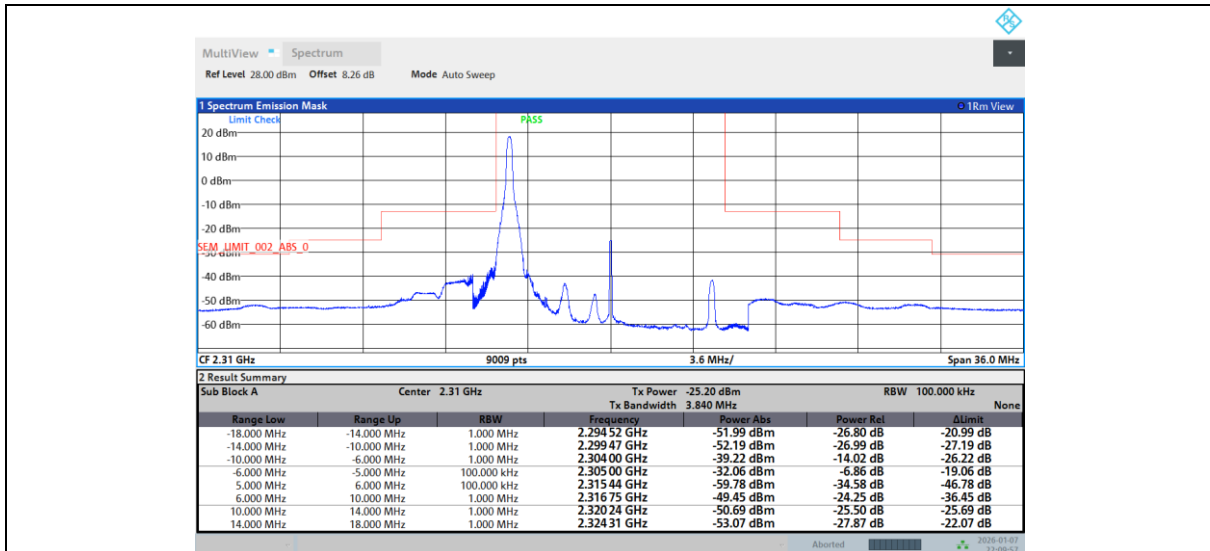
Graph21 LOW BAND EDGE BLOCK-1RB-LOW_offset



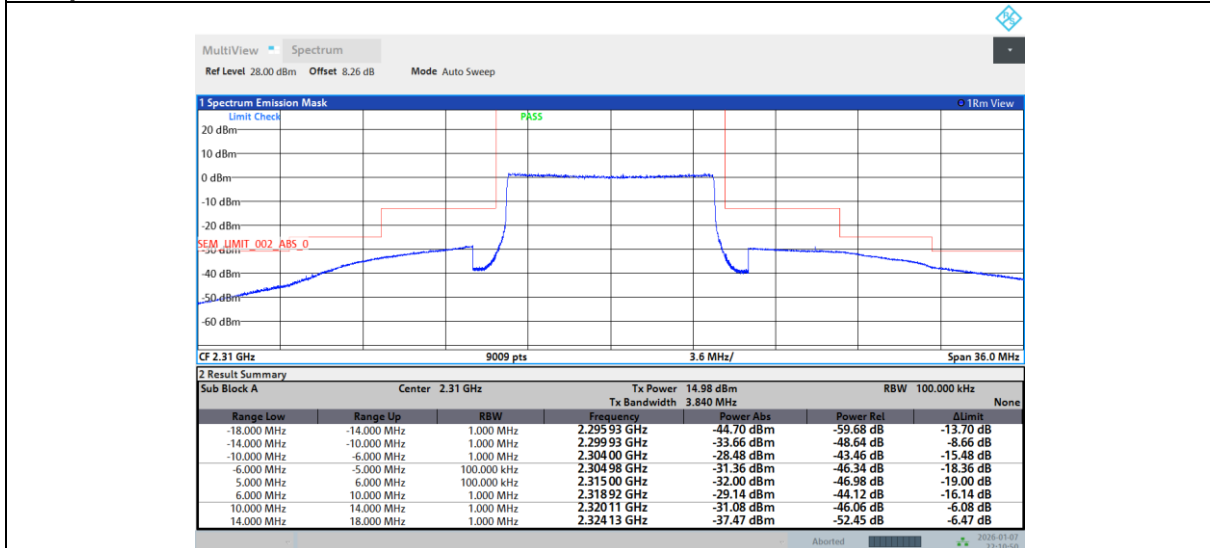
Graph22 LOW BAND EDGE BLOCK-10MHz-100%RB



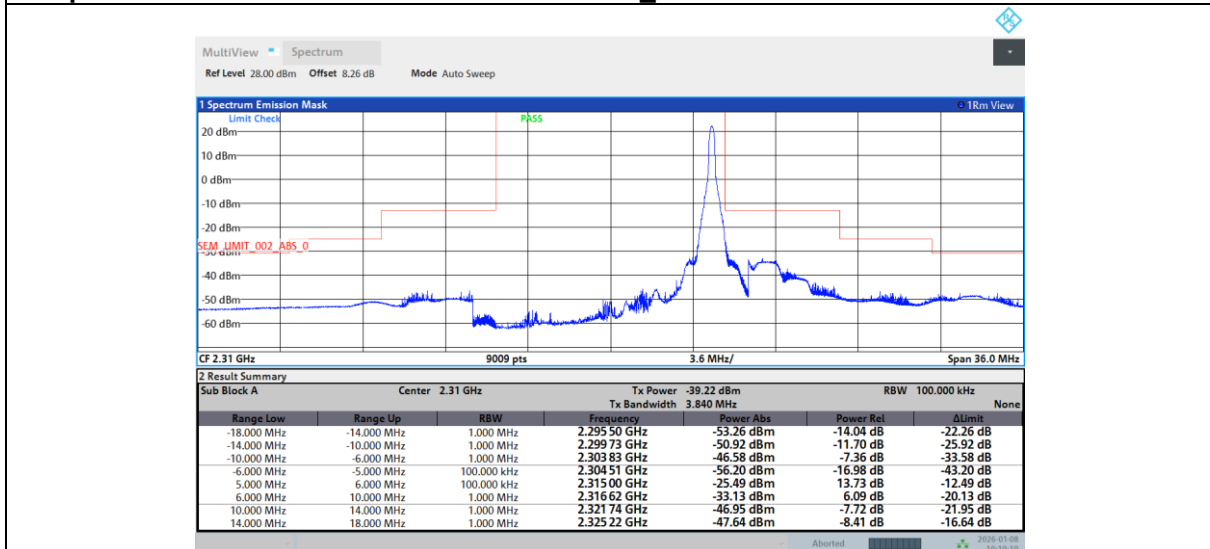
Graph23 LOW BAND EDGE BLOCK-1RB-LOW_offset



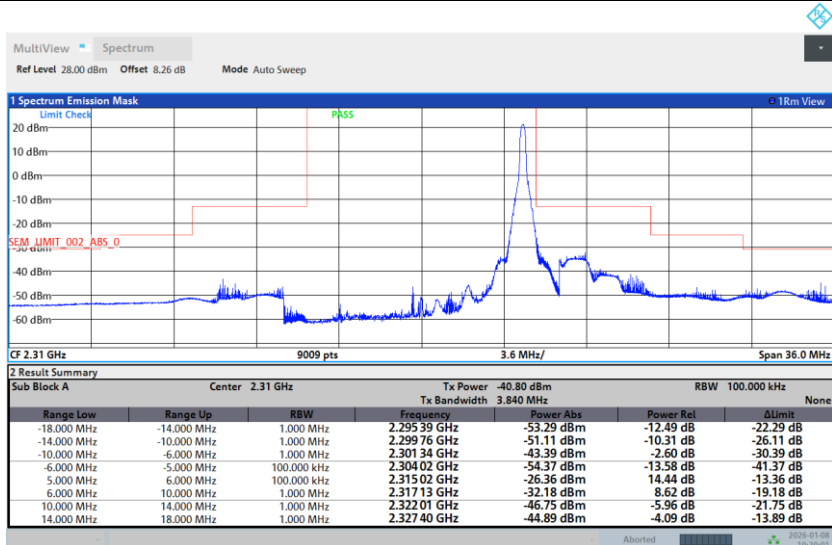
Graph24 LOW BAND EDGE BLOCK-10MHz-100%RB



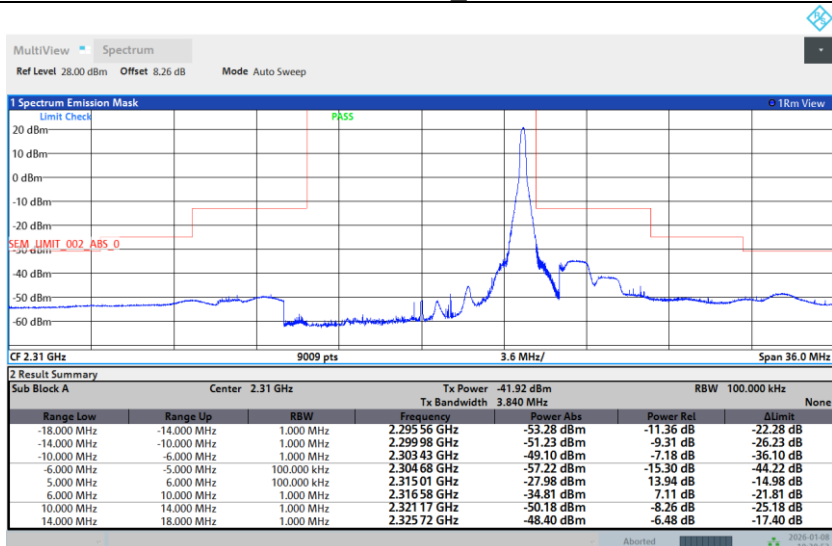
Graph25 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



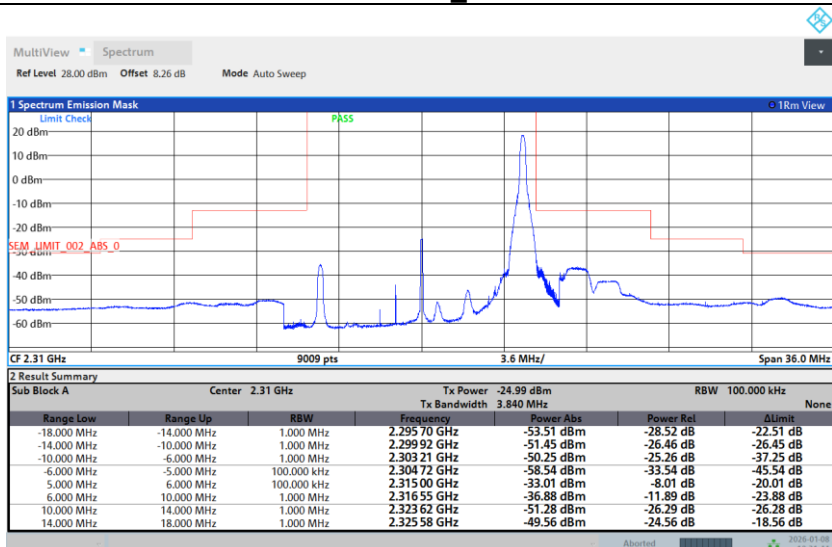
Graph26 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



Graph27 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



Graph28 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



CONDUCTED SPURIOUS EMISSION

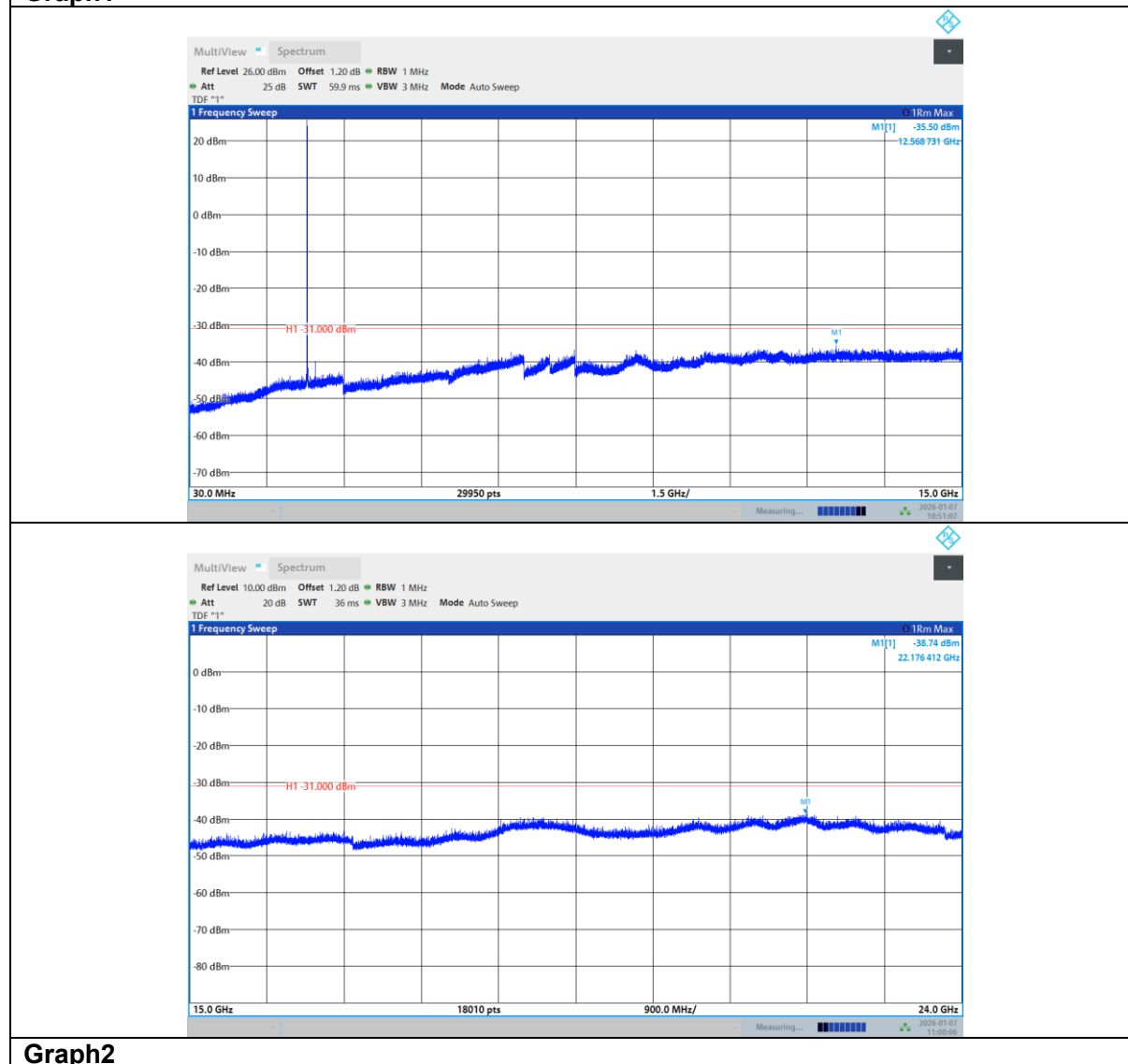
Test Result

LTE band 30

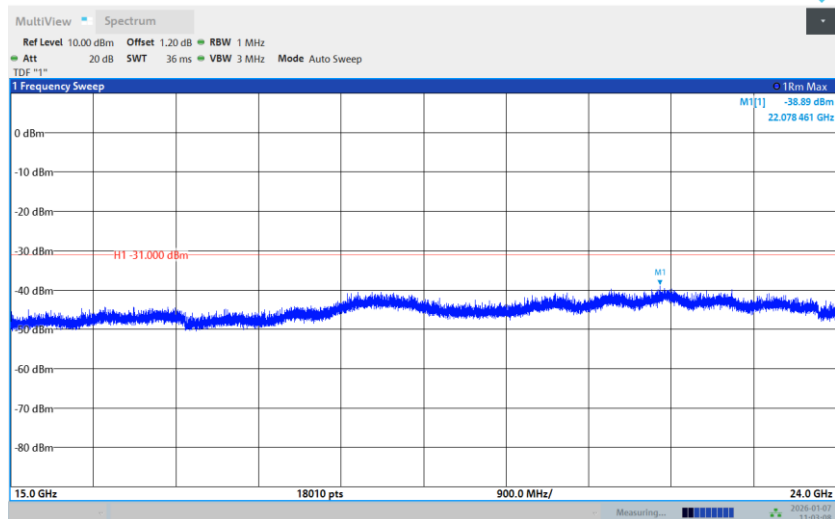
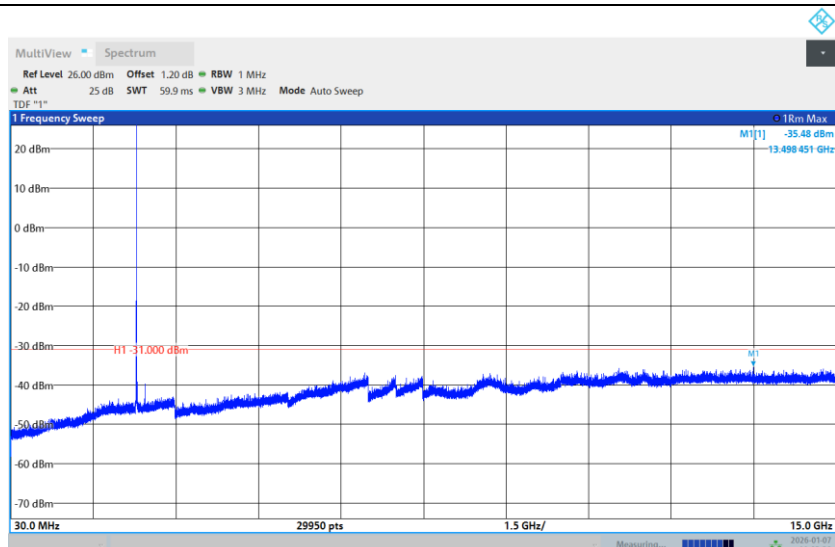
Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
5MHz	QPSK	27685	1RB Low	See Graph1	PASS
5MHz	QPSK	27710	1RB Low	See Graph2	PASS
5MHz	QPSK	27735	1RB Low	See Graph3	PASS
10MHz	QPSK	27710	1RB Low	See Graph4	PASS

Test Graphs

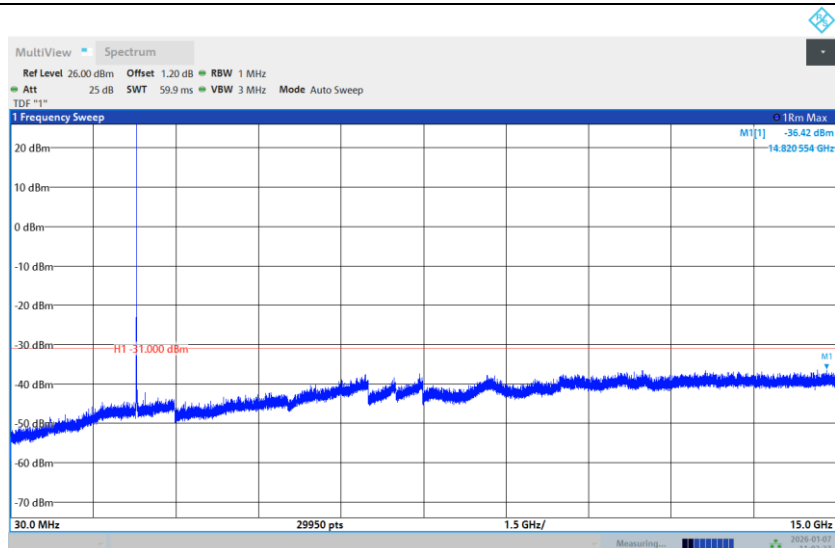
Graph1

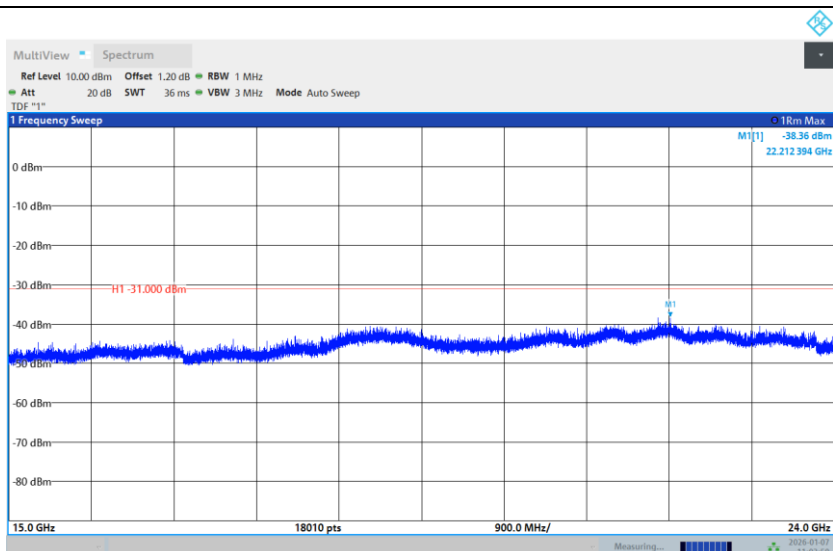


Graph2

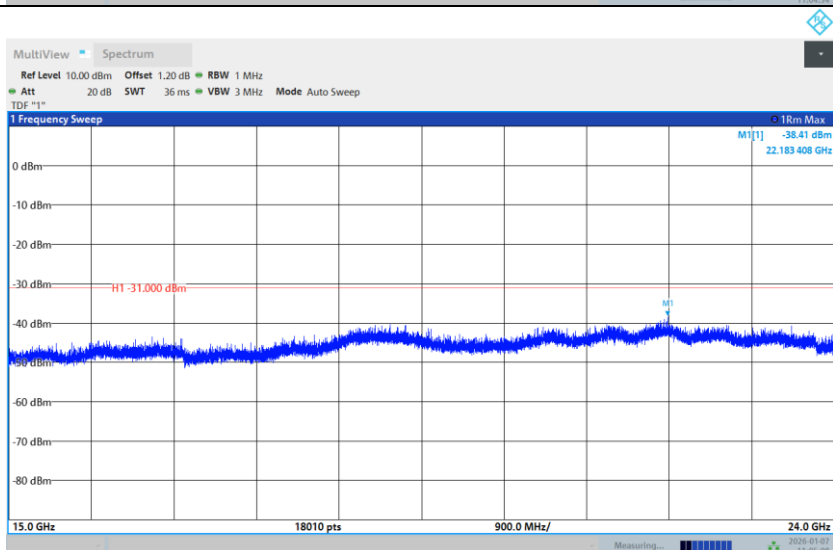
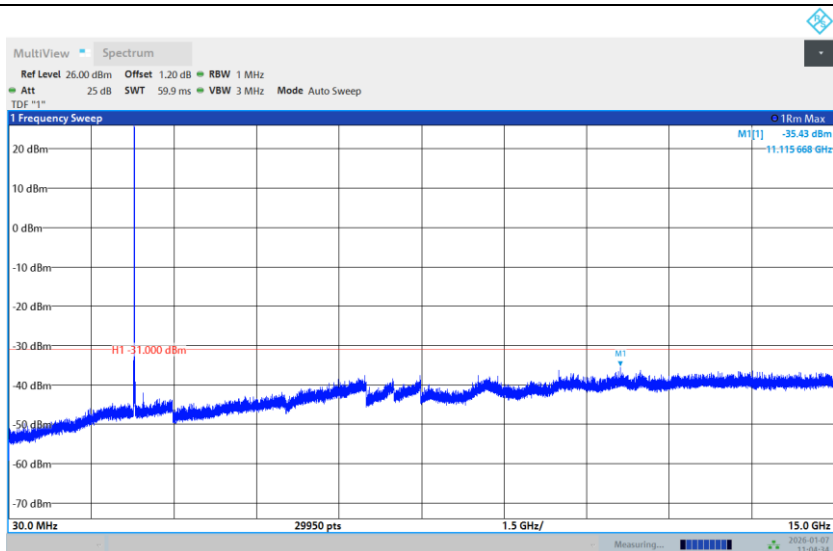


Graph3





Graph4





Test Report No.: RF260714B008

FREQUENCY STABILITY

Test Result

Voltage												
Band	Band width	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature(°C)	Deviation n(Hz)	Deviation (ppm)	FL(MHz)	FH(MHz)	Limit (MHz)	Verdict
Band30	10MHz	QPSK	27710	50RB#0	VL	NT	-60.79	-0.0263	2305.505439	2314.4944	2305-2315	PASS
Band30	10MHz	QPSK	27710	50RB#0	VN	NT	-55.22	-0.0239	2305.505445	2314.4944	2305-2315	PASS
Band30	10MHz	QPSK	27710	50RB#0	VH	NT	-152.95	-0.0662	2305.505347	2314.4943	2305-2315	PASS

Temperature												
Band	Band width	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature(°C)	Deviation n(Hz)	Deviation (ppm)	FL(MHz)	FH(MHz)	Limit (MHz)	Verdict
Band30	10MHz	QPSK	27710	50RB#0	NV	-30	-168.99	-0.0732	2305.505331	2314.4943	2305-2315	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	-20	-45.70	-0.0198	2305.505454	2314.4945	2305-2315	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	-10	-115.22	-0.0499	2305.505385	2314.4944	2305-2315	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	0	-177.22	-0.0767	2305.505323	2314.4943	2305-2315	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	10	-161.00	-0.0697	2305.505339	2314.4943	2305-2315	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	20	-154.23	-0.0668	2305.505346	2314.4943	2305-2315	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	30	-1.55	-0.0007	2305.505498	2314.4945	2305-2315	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	40	-162.61	-0.0704	2305.505337	2314.4943	2305-2315	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	50	-162.83	-0.0705	2305.505337	2314.4943	2305-2315	PASS

LTE BAND 71 PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

LTE Band 71

Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
5MHz	QPSK	133147	1RB Low	1.14	13	PASS
5MHz	QPSK	133147	Full RB	2.18	13	PASS
5MHz	16QAM	133147	1RB Low	1.90	13	PASS
5MHz	16QAM	133147	Full RB	3.20	13	PASS
5MHz	64QAM	133147	1RB Low	2.74	13	PASS
5MHz	64QAM	133147	Full RB	4.14	13	PASS
5MHz	256QAM	133147	1RB Low	6.46	13	PASS
5MHz	256QAM	133147	Full RB	6.10	13	PASS
5MHz	QPSK	133297	1RB Low	1.32	13	PASS
5MHz	QPSK	133297	Full RB	2.26	13	PASS
5MHz	16QAM	133297	1RB Low	2.18	13	PASS
5MHz	16QAM	133297	Full RB	3.30	13	PASS
5MHz	64QAM	133297	1RB Low	3.20	13	PASS
5MHz	64QAM	133297	Full RB	4.44	13	PASS
5MHz	256QAM	133297	1RB Low	6.10	13	PASS
5MHz	256QAM	133297	Full RB	6.28	13	PASS
5MHz	QPSK	133447	1RB Low	1.52	13	PASS
5MHz	QPSK	133447	Full RB	2.64	13	PASS
5MHz	16QAM	133447	1RB Low	2.36	13	PASS
5MHz	16QAM	133447	Full RB	3.58	13	PASS
5MHz	64QAM	133447	1RB Low	3.50	13	PASS
5MHz	64QAM	133447	Full RB	4.52	13	PASS
5MHz	256QAM	133447	1RB Low	6.46	13	PASS
5MHz	256QAM	133447	Full RB	6.54	13	PASS
10MHz	QPSK	133172	1RB Low	1.24	13	PASS
10MHz	QPSK	133172	Full RB	1.98	13	PASS
10MHz	16QAM	133172	1RB Low	1.80	13	PASS
10MHz	16QAM	133172	Full RB	3.02	13	PASS
10MHz	64QAM	133172	1RB Low	2.92	13	PASS
10MHz	64QAM	133172	Full RB	4.06	13	PASS
10MHz	256QAM	133172	1RB Low	6.20	13	PASS
10MHz	256QAM	133172	Full RB	6.20	13	PASS
10MHz	QPSK	133297	1RB Low	1.32	13	PASS
10MHz	QPSK	133297	Full RB	2.26	13	PASS
10MHz	16QAM	133297	1RB Low	2.18	13	PASS
10MHz	16QAM	133297	Full RB	3.40	13	PASS
10MHz	64QAM	133297	1RB Low	3.20	13	PASS
10MHz	64QAM	133297	Full RB	4.34	13	PASS
10MHz	256QAM	133297	1RB Low	6.10	13	PASS
10MHz	256QAM	133297	Full RB	6.28	13	PASS
10MHz	QPSK	133422	1RB Low	1.42	13	PASS
10MHz	QPSK	133422	Full RB	2.46	13	PASS
10MHz	16QAM	133422	1RB Low	2.36	13	PASS

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10MHz	16QAM	133422	Full RB	3.58	13	PASS
10MHz	64QAM	133422	1RB Low	3.30	13	PASS
10MHz	64QAM	133422	Full RB	4.42	13	PASS
10MHz	256QAM	133422	1RB Low	6.24	13	PASS
10MHz	256QAM	133422	Full RB	6.46	13	PASS
15MHz	QPSK	133197	1RB Low	1.42	13	PASS
15MHz	QPSK	133197	Full RB	2.26	13	PASS
15MHz	16QAM	133197	1RB Low	2.08	13	PASS
15MHz	16QAM	133197	Full RB	3.30	13	PASS
15MHz	64QAM	133197	1RB Low	3.40	13	PASS
15MHz	64QAM	133197	Full RB	4.34	13	PASS
15MHz	256QAM	133197	1RB Low	5.84	13	PASS
15MHz	256QAM	133197	Full RB	6.38	13	PASS
15MHz	QPSK	133297	1RB Low	1.32	13	PASS
15MHz	QPSK	133297	Full RB	2.36	13	PASS
15MHz	16QAM	133297	1RB Low	2.46	13	PASS
15MHz	16QAM	133297	Full RB	3.58	13	PASS
15MHz	64QAM	133297	1RB Low	3.68	13	PASS
15MHz	64QAM	133297	Full RB	4.44	13	PASS
15MHz	256QAM	133297	1RB Low	6.28	13	PASS
15MHz	256QAM	133297	Full RB	6.38	13	PASS
15MHz	QPSK	133397	1RB Low	1.60	13	PASS
15MHz	QPSK	133397	Full RB	2.64	13	PASS
15MHz	16QAM	133397	1RB Low	2.56	13	PASS
15MHz	16QAM	133397	Full RB	3.68	13	PASS
15MHz	64QAM	133397	1RB Low	3.12	13	PASS
15MHz	64QAM	133397	Full RB	4.52	13	PASS
15MHz	256QAM	133397	1RB Low	6.26	13	PASS
15MHz	256QAM	133397	Full RB	6.54	13	PASS
20MHz	QPSK	133222	1RB Low	1.32	13	PASS
20MHz	QPSK	133222	Full RB	2.26	13	PASS
20MHz	16QAM	133222	1RB Low	2.08	13	PASS
20MHz	16QAM	133222	Full RB	3.30	13	PASS
20MHz	64QAM	133222	1RB Low	3.40	13	PASS
20MHz	64QAM	133222	Full RB	4.34	13	PASS
20MHz	256QAM	133222	1RB Low	5.92	13	PASS
20MHz	256QAM	133222	Full RB	6.10	13	PASS
20MHz	QPSK	133322	1RB Low	1.52	13	PASS
20MHz	QPSK	133322	Full RB	2.64	13	PASS
20MHz	16QAM	133322	1RB Low	2.26	13	PASS
20MHz	16QAM	133322	Full RB	3.58	13	PASS
20MHz	64QAM	133322	1RB Low	3.20	13	PASS
20MHz	64QAM	133322	Full RB	4.62	13	PASS
20MHz	256QAM	133322	1RB Low	6.28	13	PASS
20MHz	256QAM	133322	Full RB	6.46	13	PASS
20MHz	QPSK	133372	1RB Low	1.52	13	PASS
20MHz	QPSK	133372	Full RB	2.56	13	PASS
20MHz	16QAM	133372	1RB Low	2.18	13	PASS
20MHz	16QAM	133372	Full RB	3.58	13	PASS
20MHz	64QAM	133372	1RB Low	3.58	13	PASS
20MHz	64QAM	133372	Full RB	4.62	13	PASS
20MHz	256QAM	133372	1RB Low	6.56	13	PASS
20MHz	256QAM	133372	Full RB	6.54	13	PASS

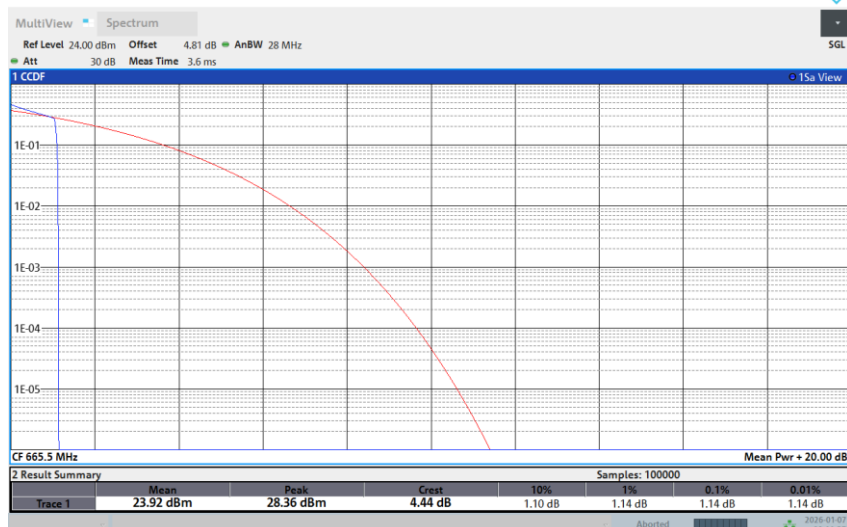
BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan
4th Road, Chiwan Community, Zhaoshang Street,
Nanshan District, Shenzhen, Guangdong, P.R. CHINA

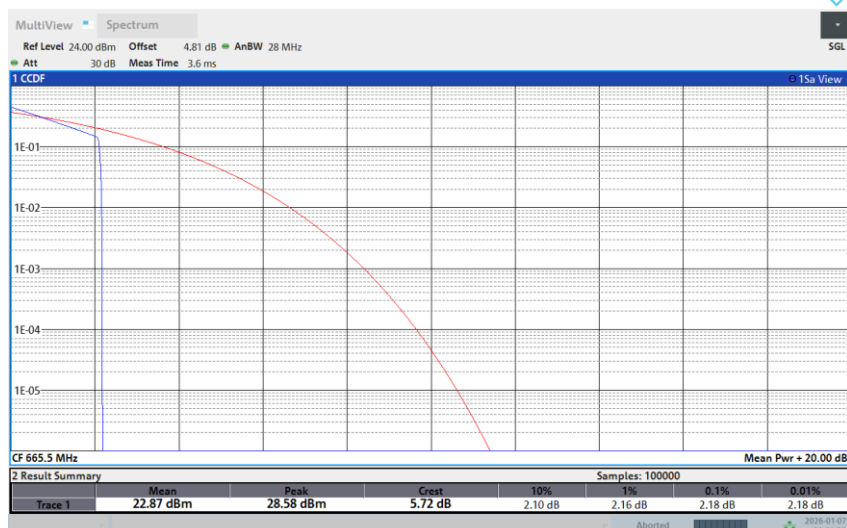
Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com

Test Graphs

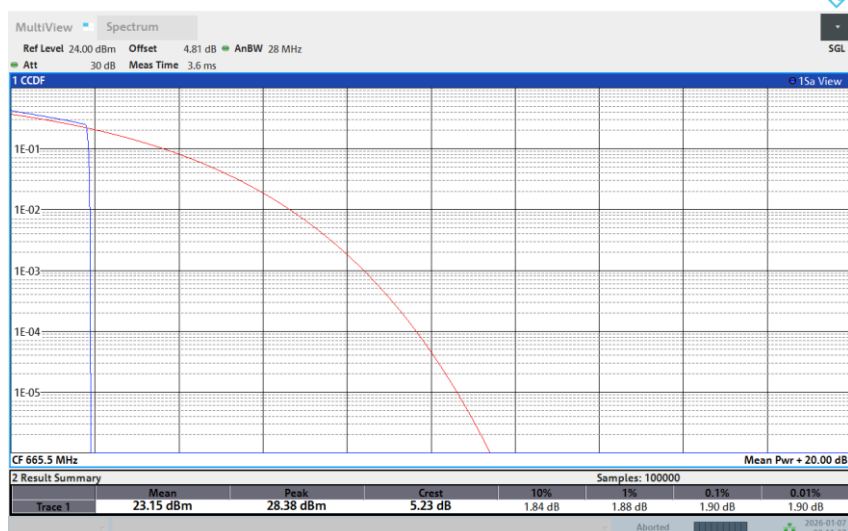
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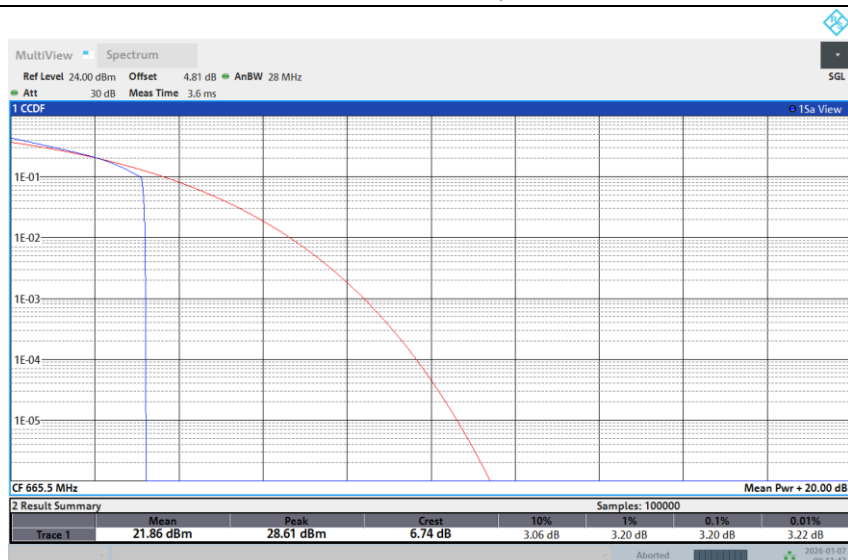
Band 71-5M-LOW-QPSK-Full RB



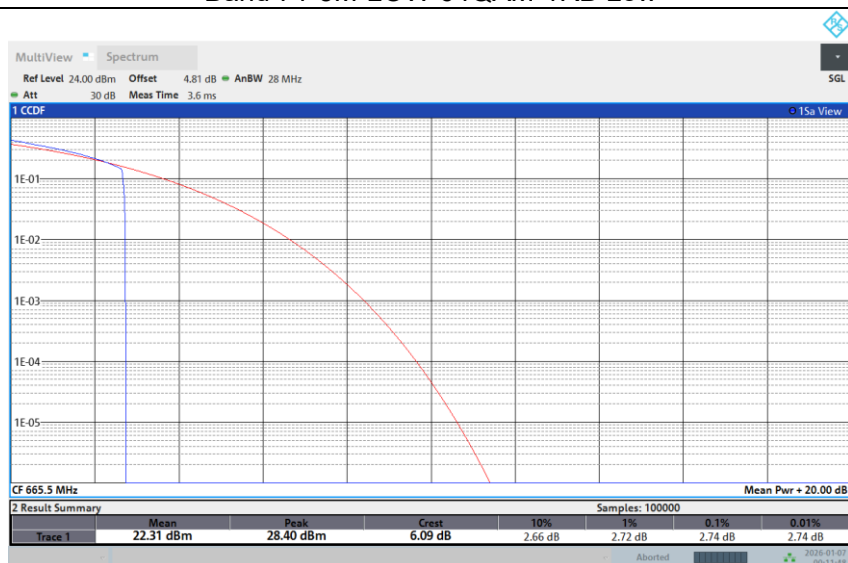
Band 71-5M-LOW-16QAM-1RB Low



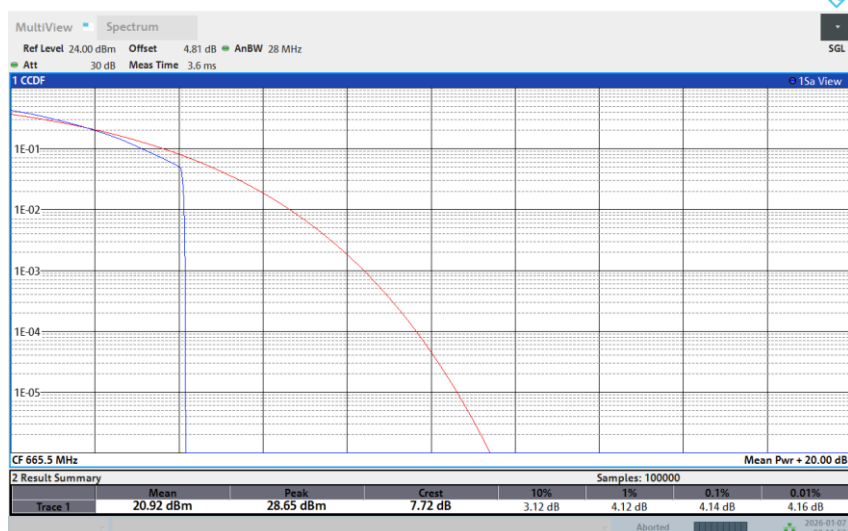
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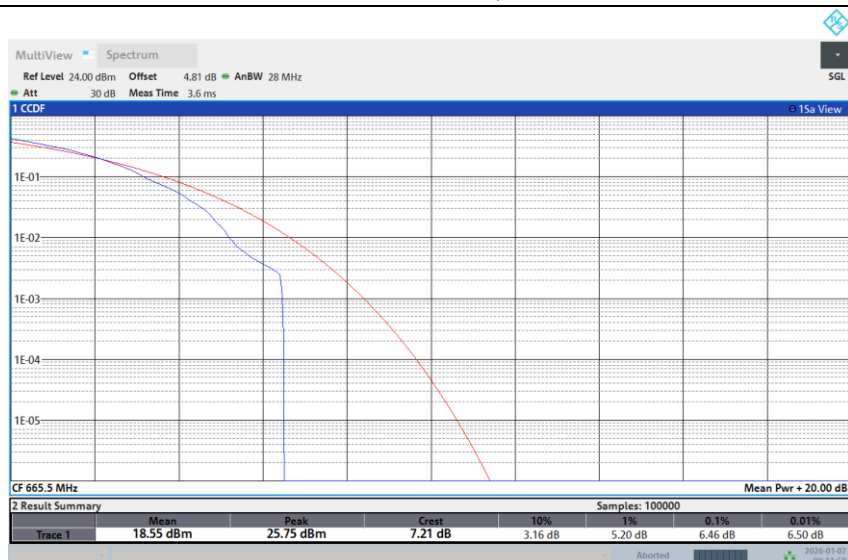
Band 71-5M-LOW-64QAM-1RB Low



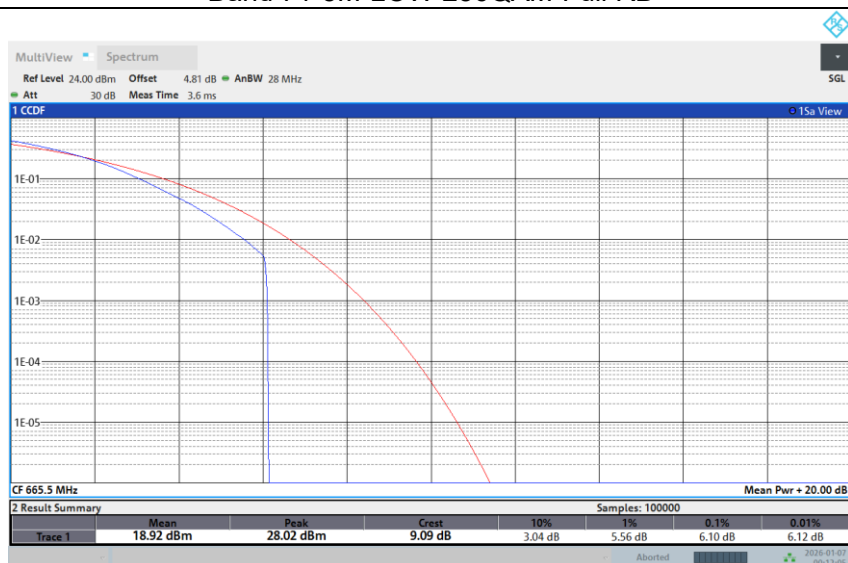
Band 71-5M-LOW-64QAM-Full RB



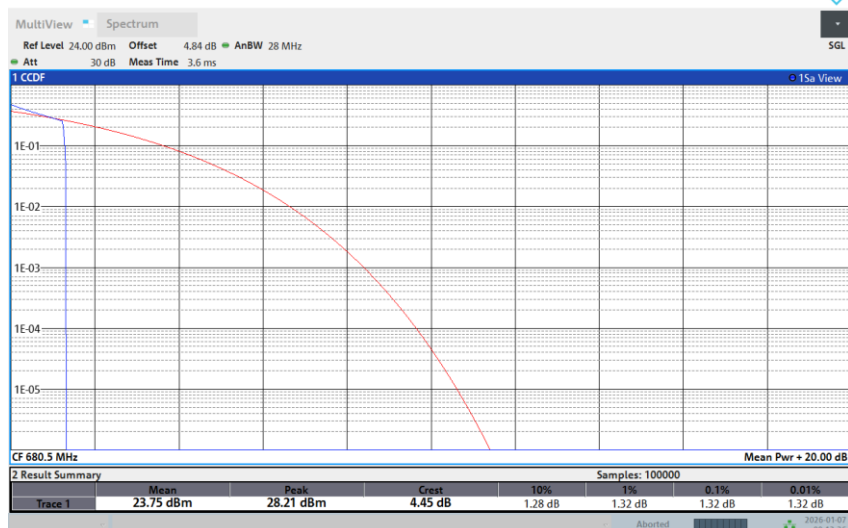
Band 71-5M-LOW-256QAM-1RB Low



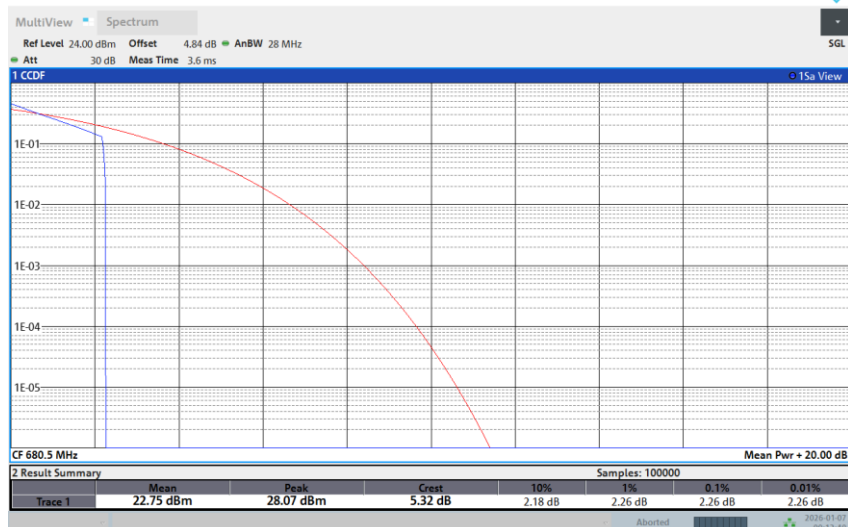
Band 71-5M-LOW-256QAM-Full RB



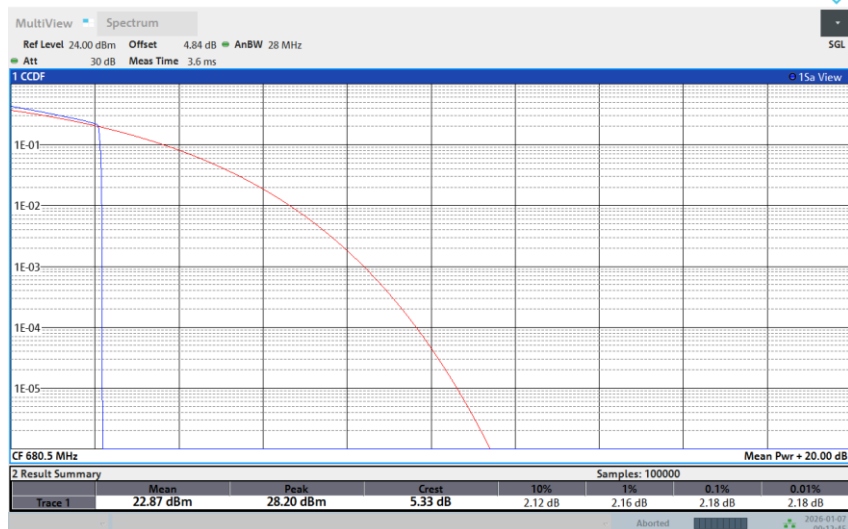
Band 71-5M-MID-QPSK-1RB Low



Band 71-5M-MID-QPSK-Full RB



Band 71-5M-MID-16QAM-1RB Low

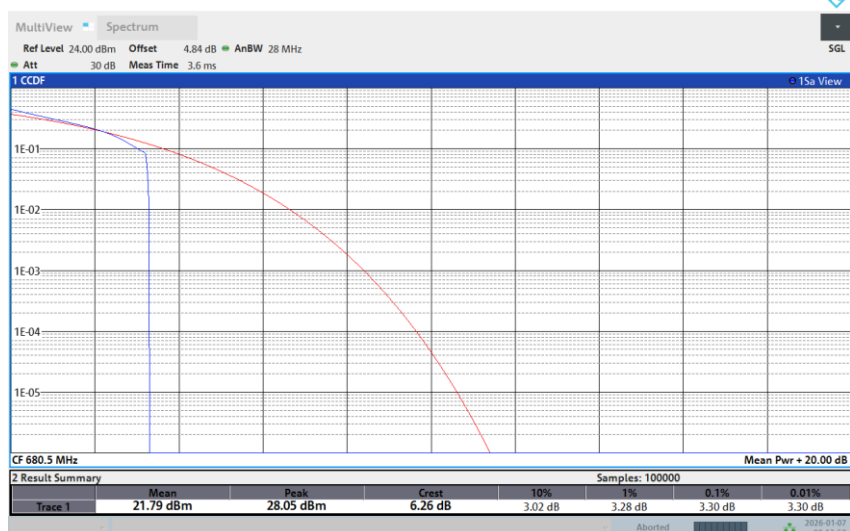


Band 71-5M-MID-16QAM-Full RB

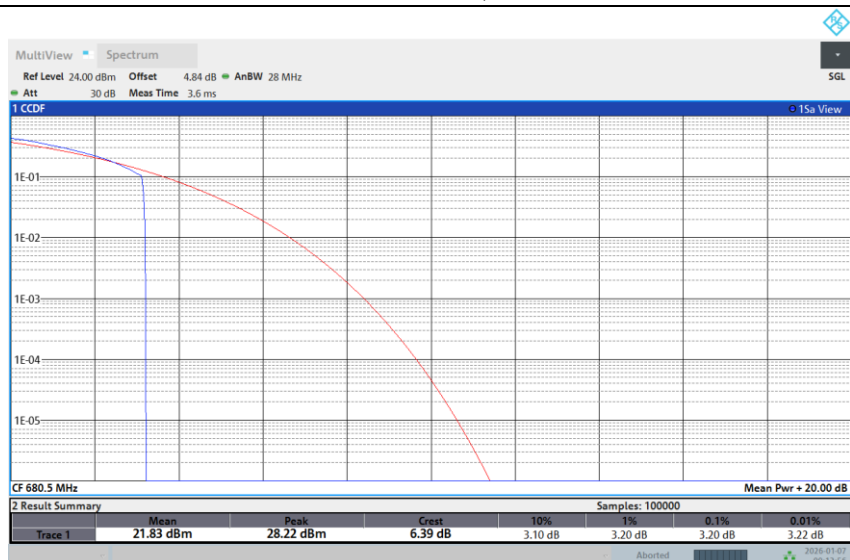
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Nanshan District, Shenzhen, Guangdong, P.R. CHINA

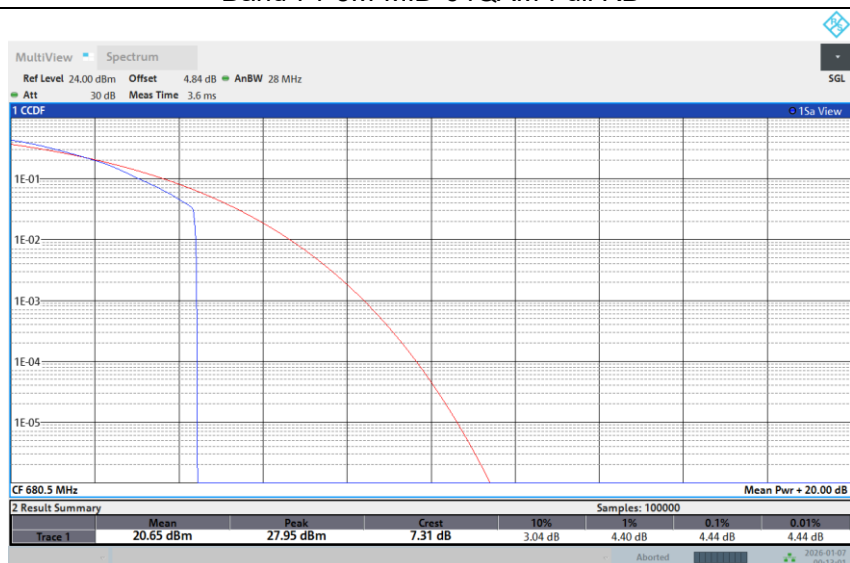
Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Band 71-5M-MID-64QAM-1RB Low



Band 71-5M-MID-64QAM-Full RB

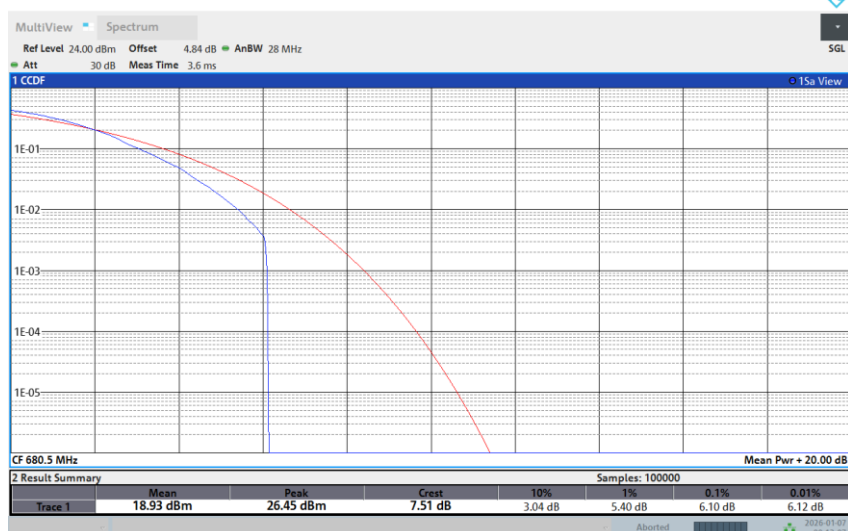


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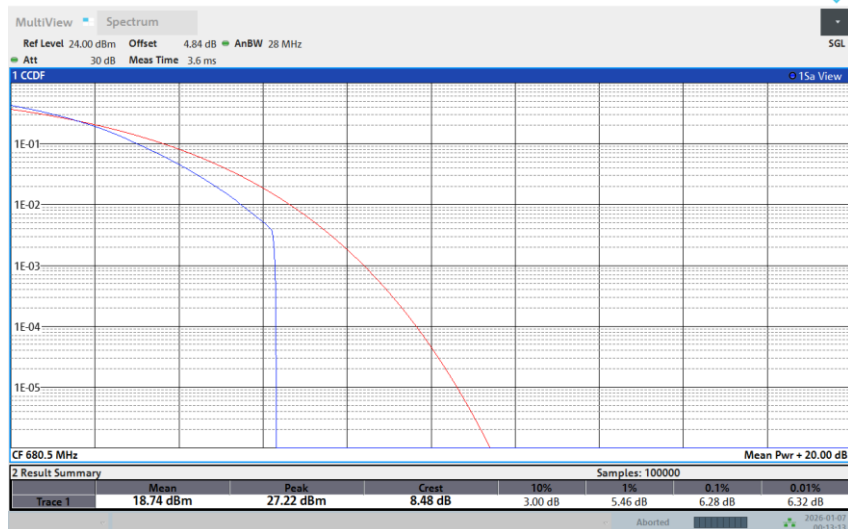
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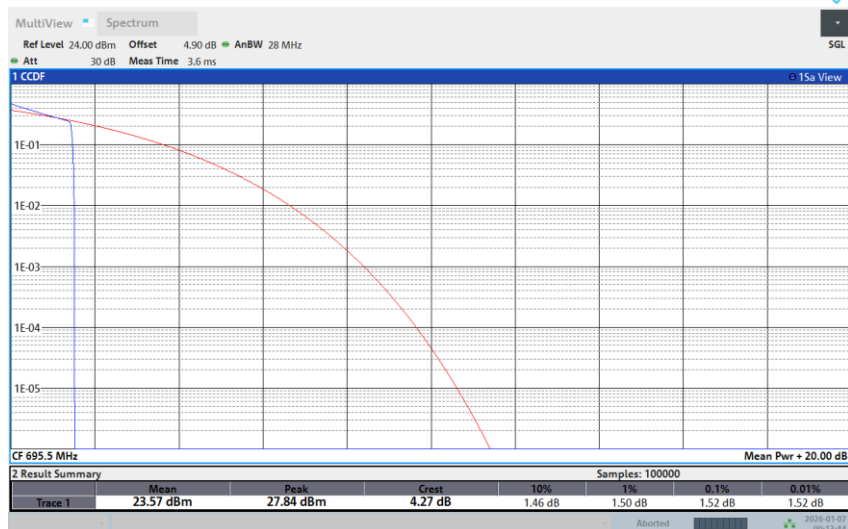
Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



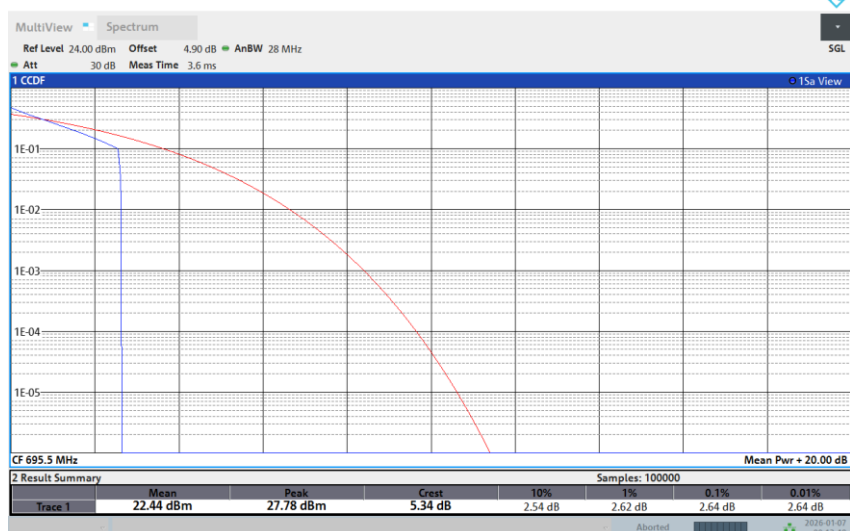
Band 71-5M-MID-256QAM-Full RB



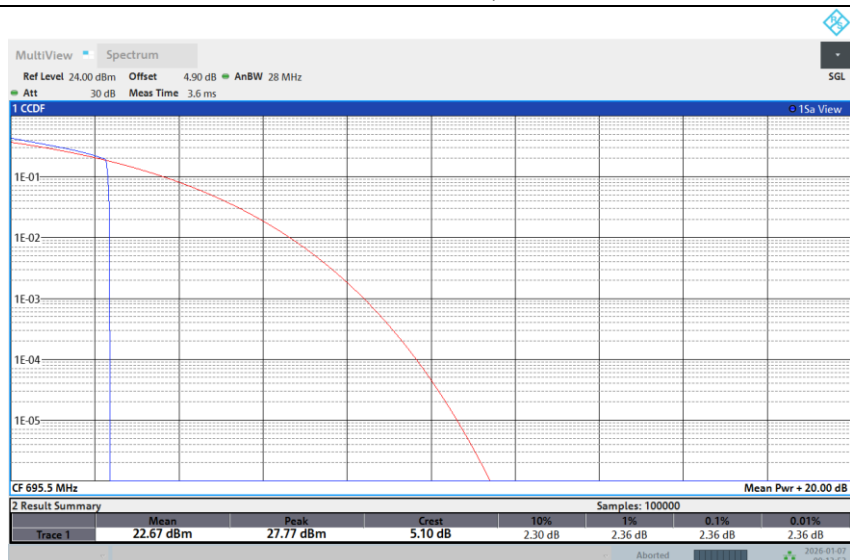
Band 71-5M-HIGH-QPSK-1RB Low



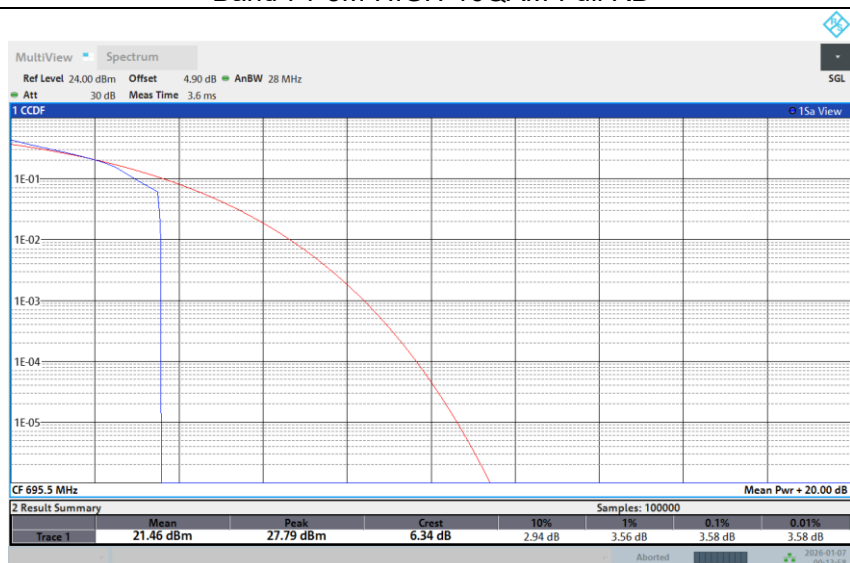
Band 71-5M-HIGH-QPSK-Full RB



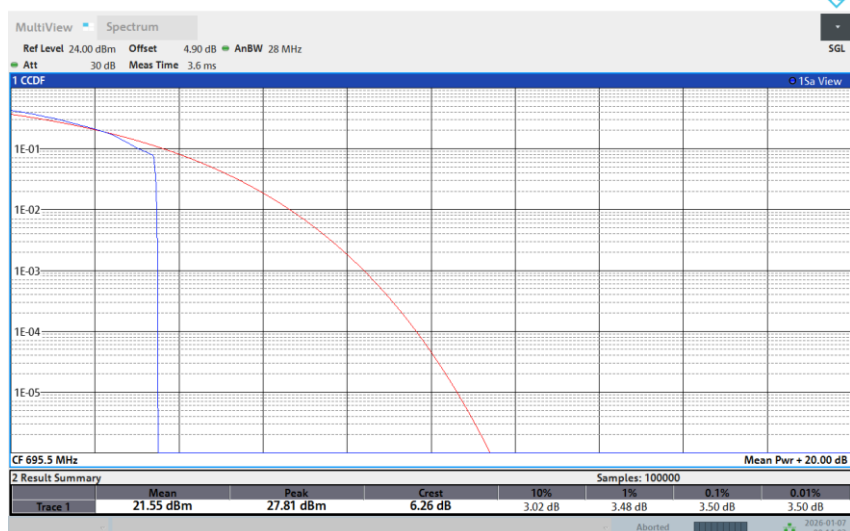
Band 71-5M-HIGH-16QAM-1RB Low



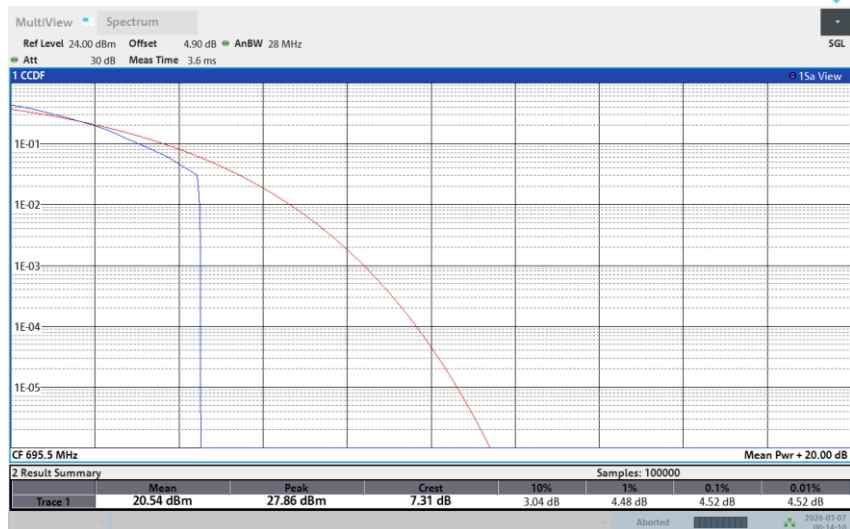
Band 71-5M-HIGH-16QAM-Full RB



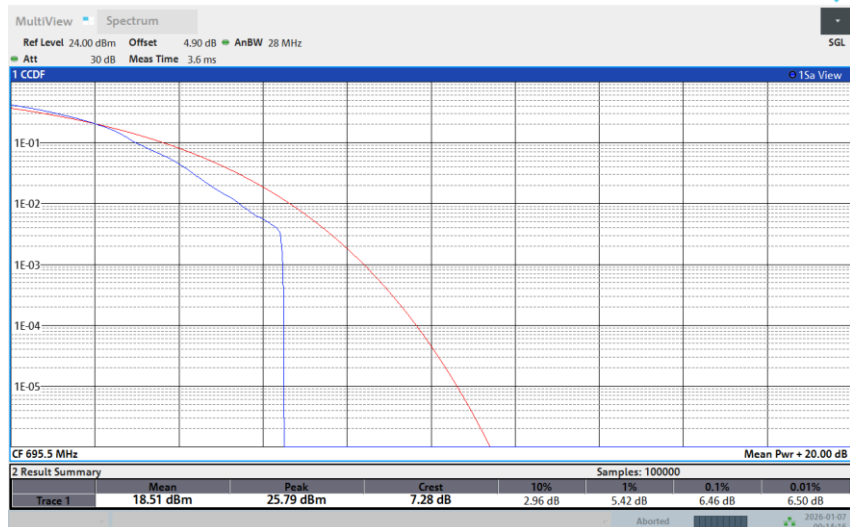
Band 71-5M-HIGH-64QAM-1RB Low



Band 71-5M-HIGH-64QAM-Full RB



Band 71-5M-HIGH-256QAM-1RB Low

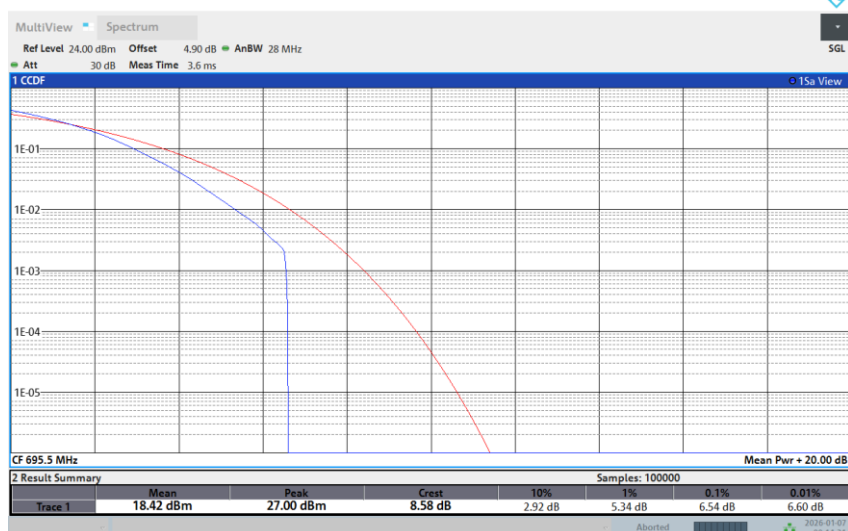


Band 71-5M-HIGH-256QAM-Full RB

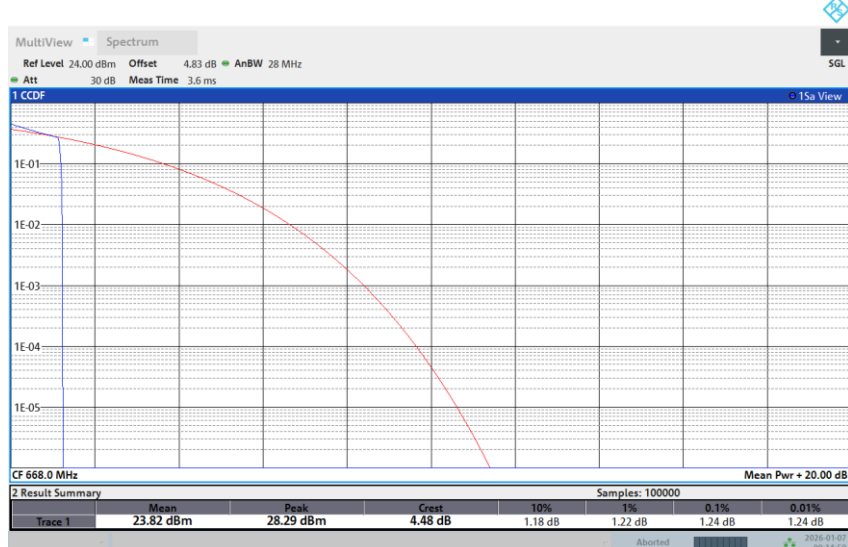
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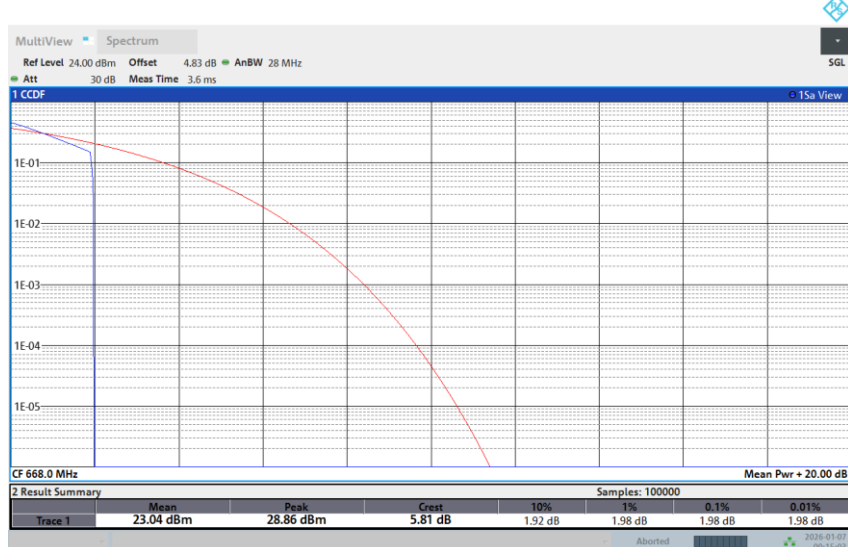
Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



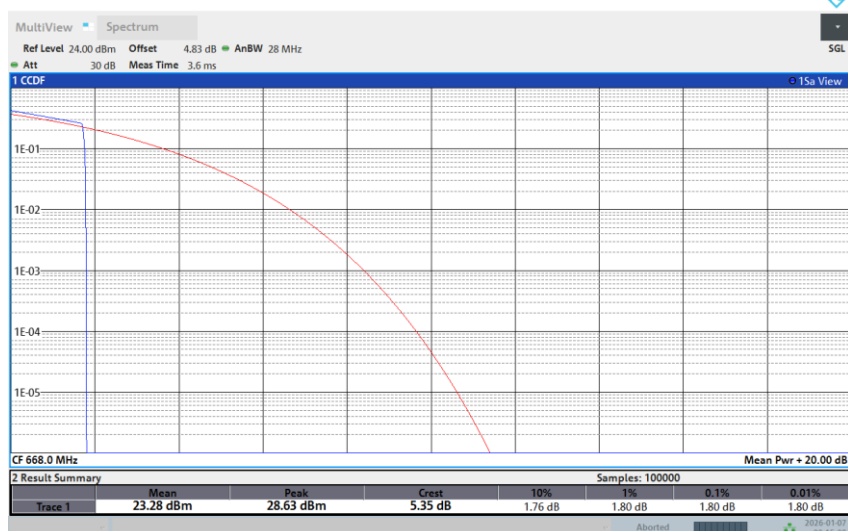
Band 71-10M-LOW-QPSK-1RB Low



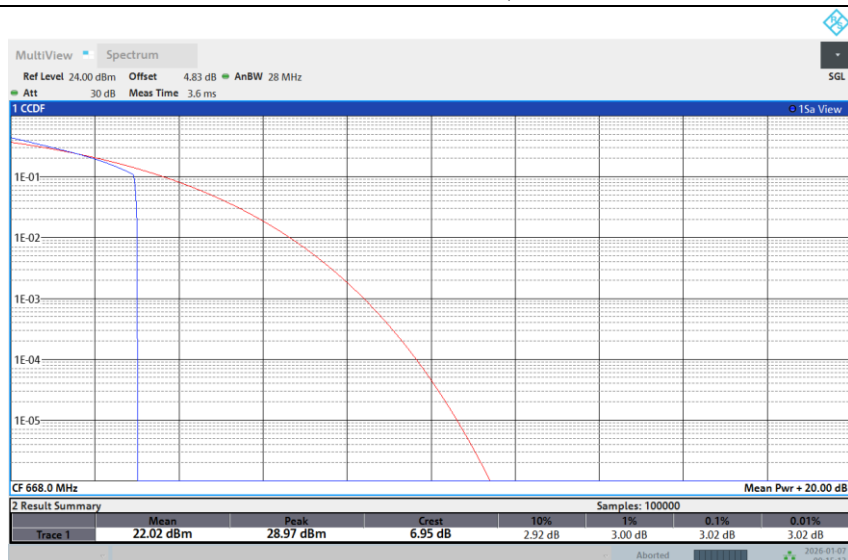
Band 71-10M-LOW-QPSK-Full RB



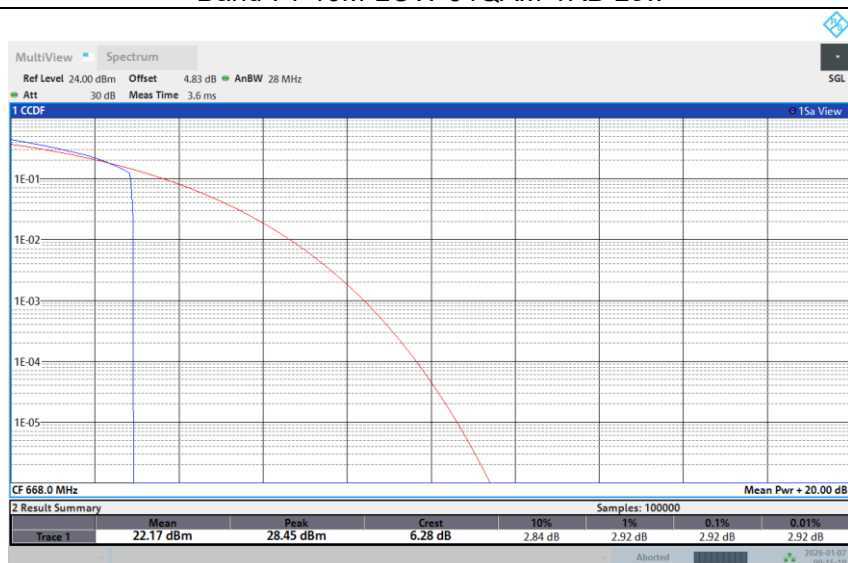
Band 71-10M-LOW-16QAM-1RB Low



Band 71-10M-LOW-16QAM-Full RB



Band 71-10M-LOW-64QAM-1RB Low



Band 71-10M-LOW-64QAM-Full RB

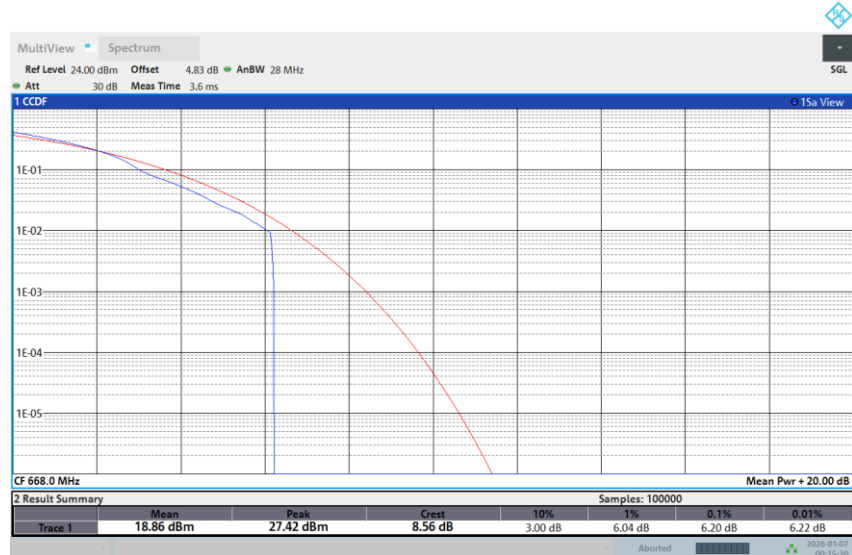
BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan
4th Road, Chiwan Community, Zhaoshang Street,
Nanshan District, Shenzhen, Guangdong, P.R. CHINA

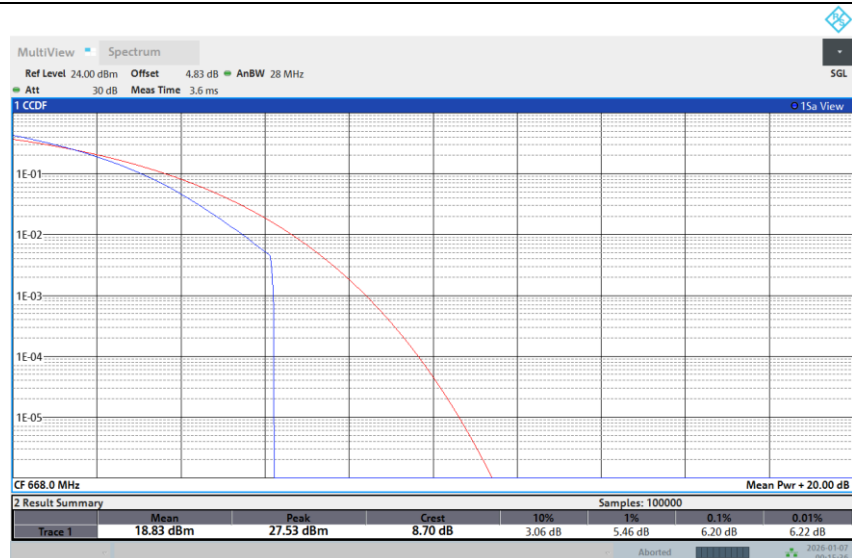
Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Band 71-10M-LOW-256QAM-1RB Low



Band 71-10M-LOW-256QAM-Full RB

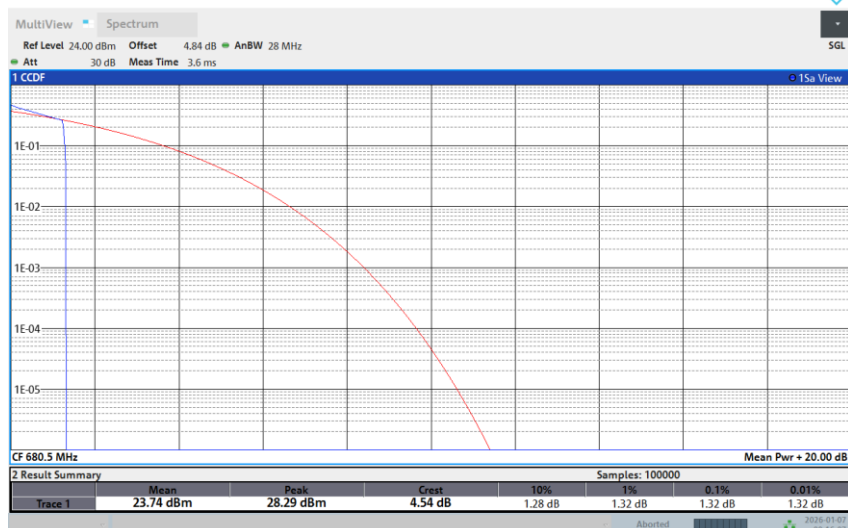


Band 71-10M-MID-QPSK-1RB Low

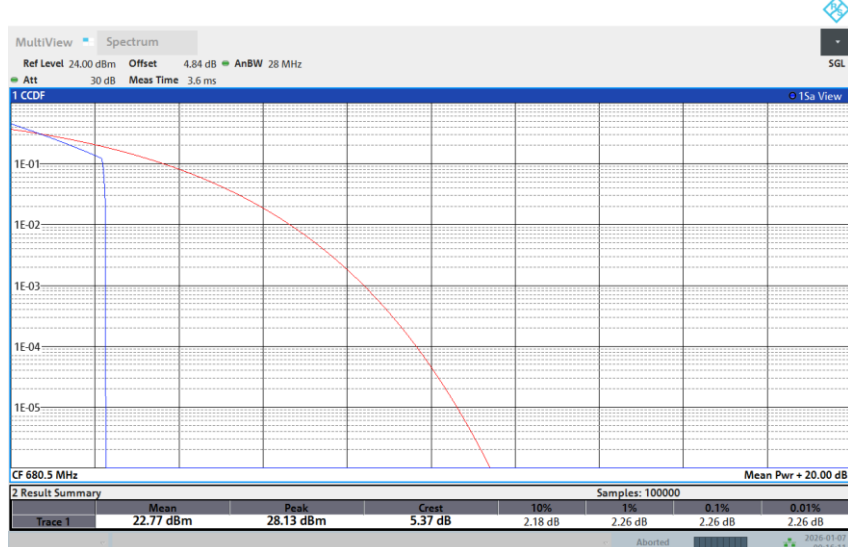
BOOMWAVE TEST (SHENZHEN)
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Nanshan District, Shenzhen, Guangdong, P.R. CHINA

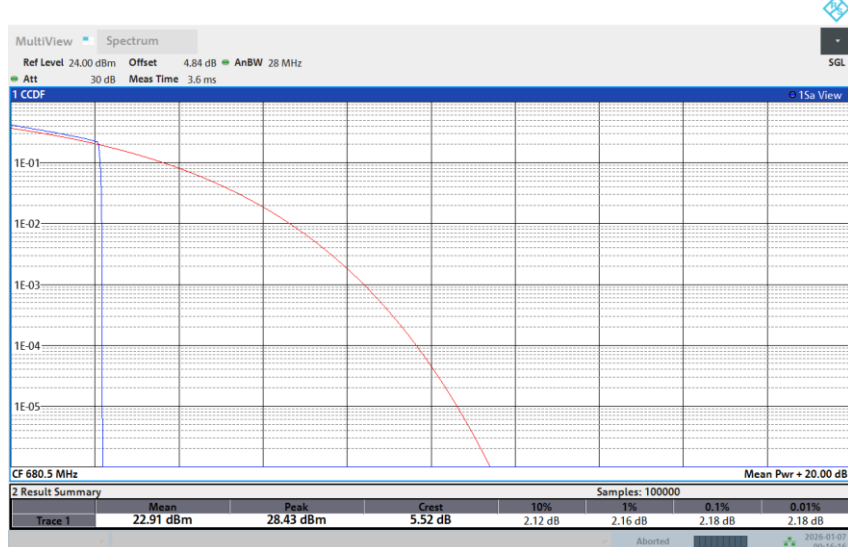
Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



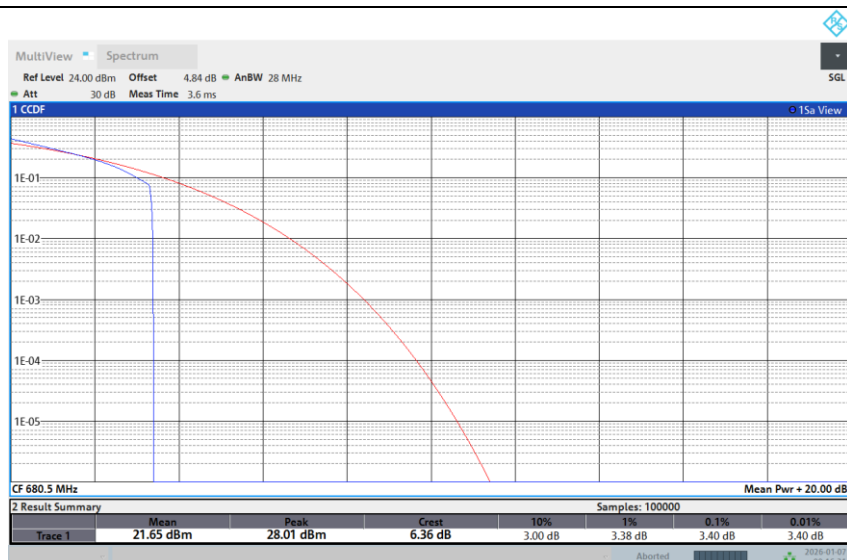
Band 71-10M-MID-QPSK-Full RB



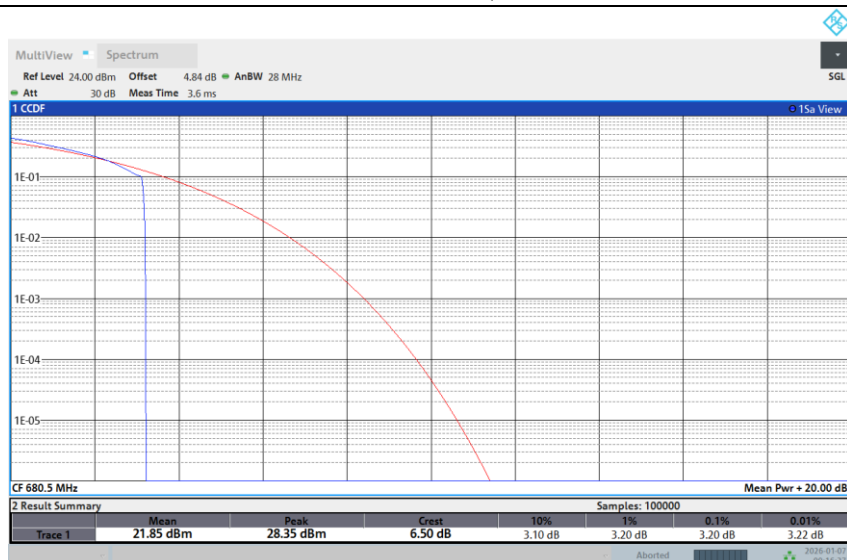
Band 71-10M-MID-16QAM-1RB Low



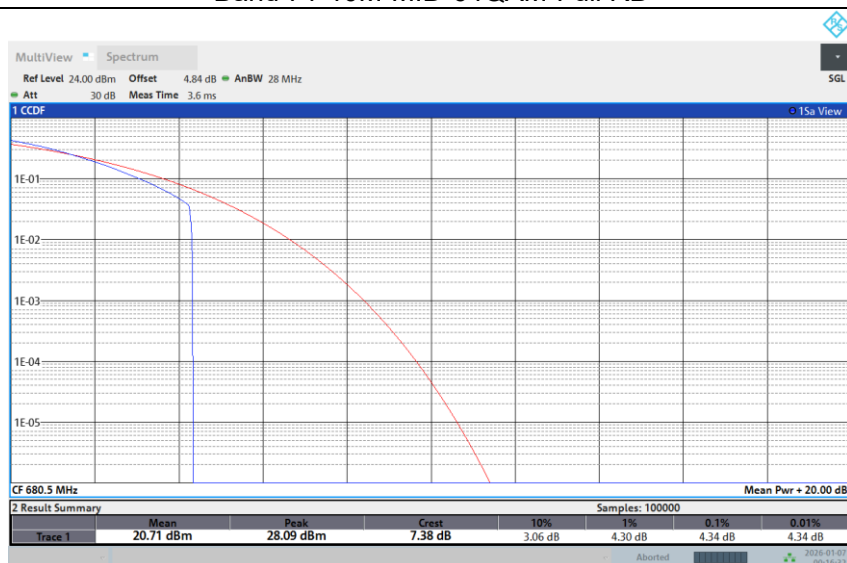
Band 71-10M-MID-16QAM-Full RB



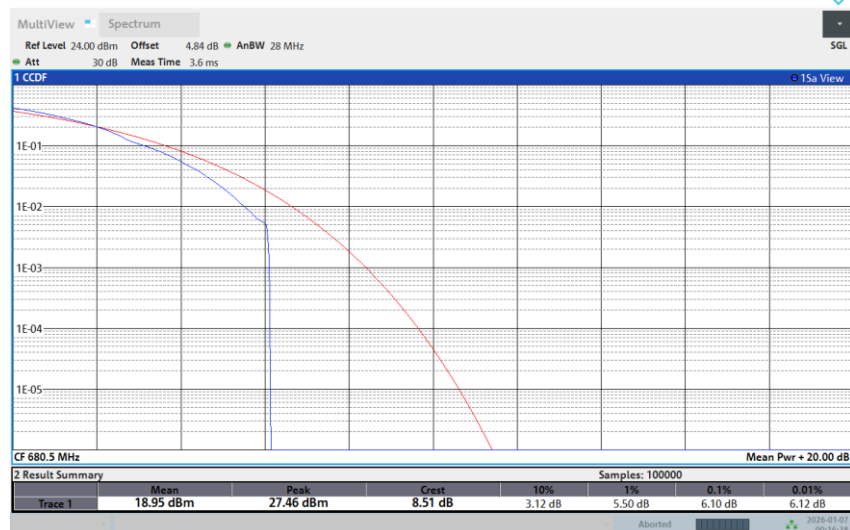
Band 71-10M-MID-64QAM-1RB Low



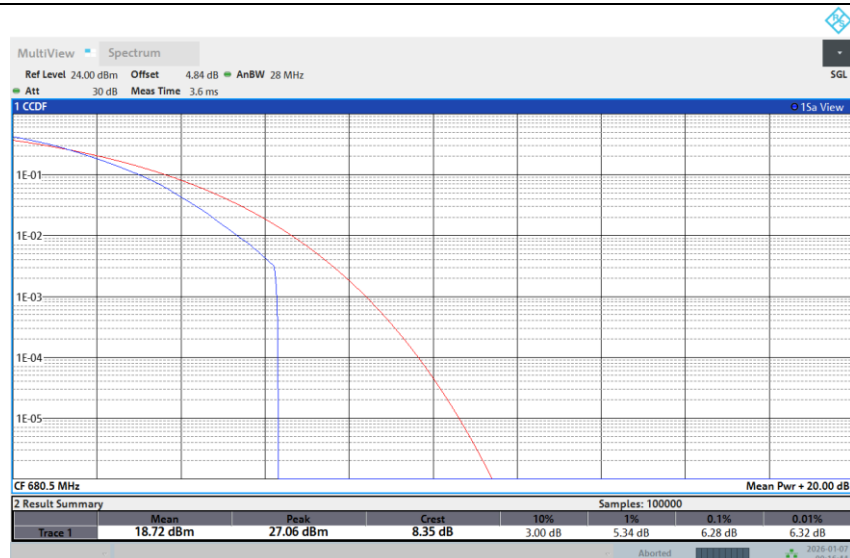
Band 71-10M-MID-64QAM-Full RB



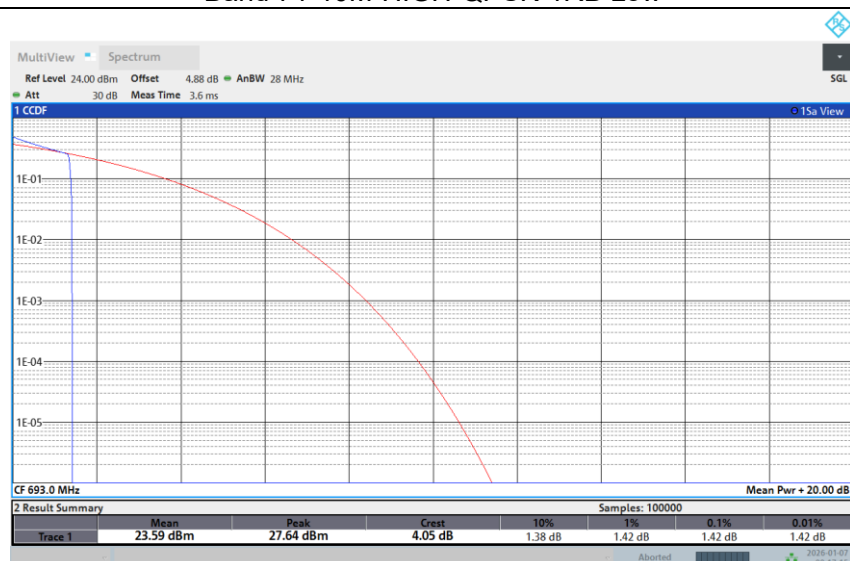
Band 71-10M-MID-256QAM-1RB Low



Band 71-10M-MID-256QAM-Full RB



Band 71-10M-HIGH-QPSK-1RB Low



Band 71-10M-HIGH-QPSK-Full RB

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