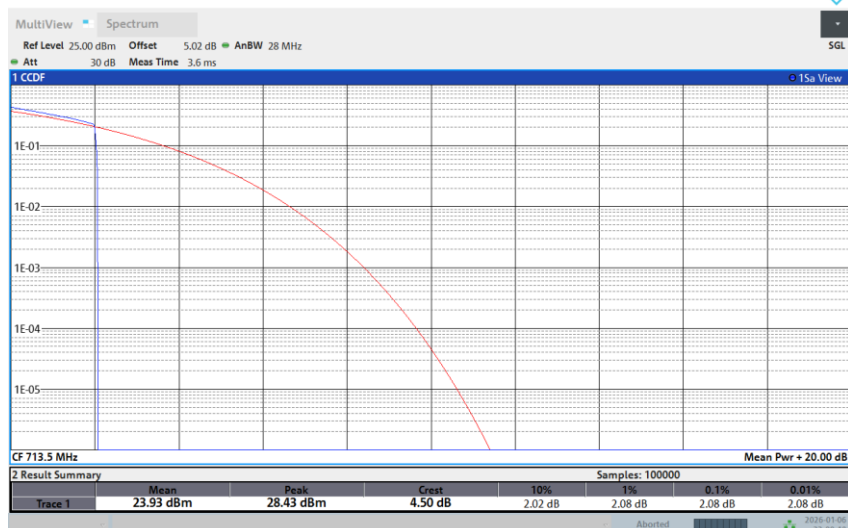
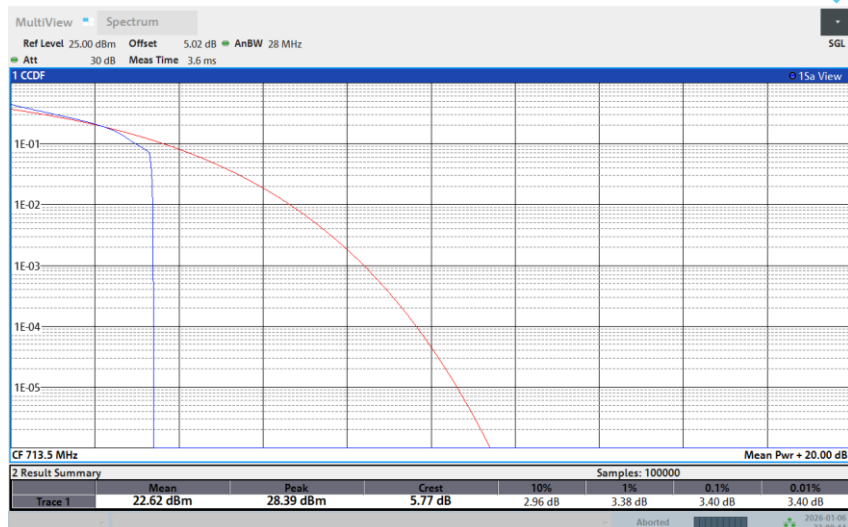
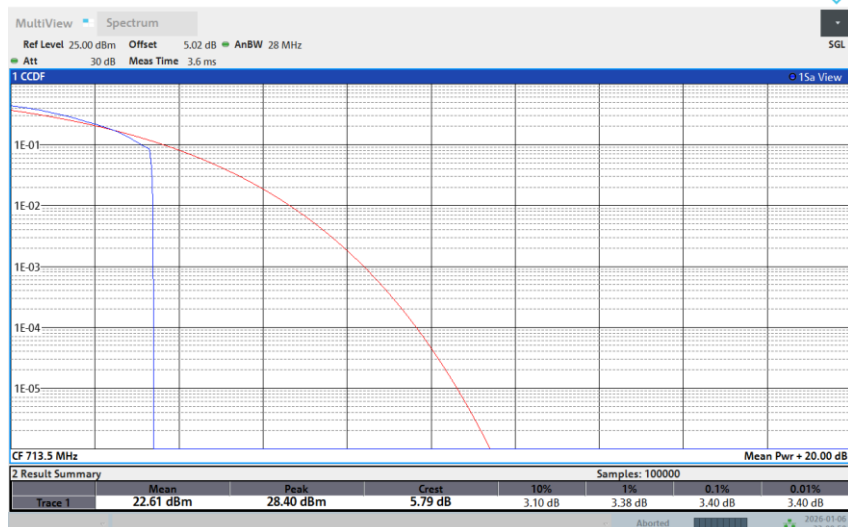




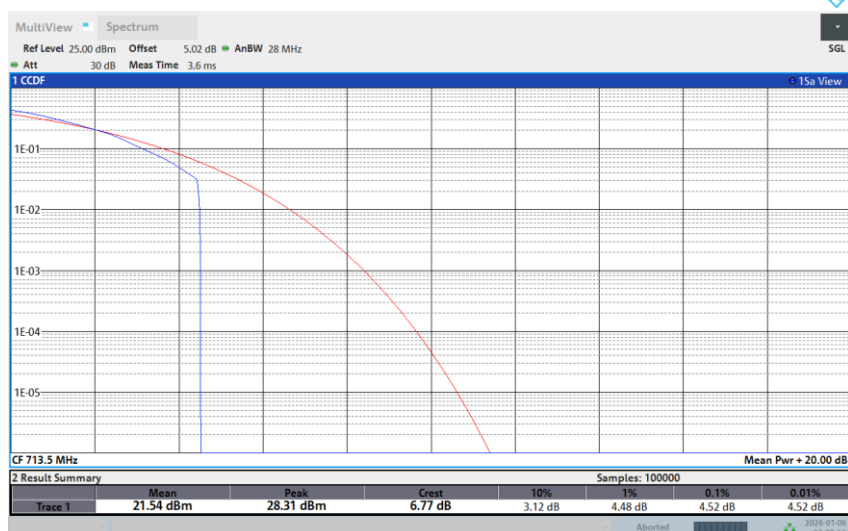
Band 12-5M-HIGH-16QAM-Full RB



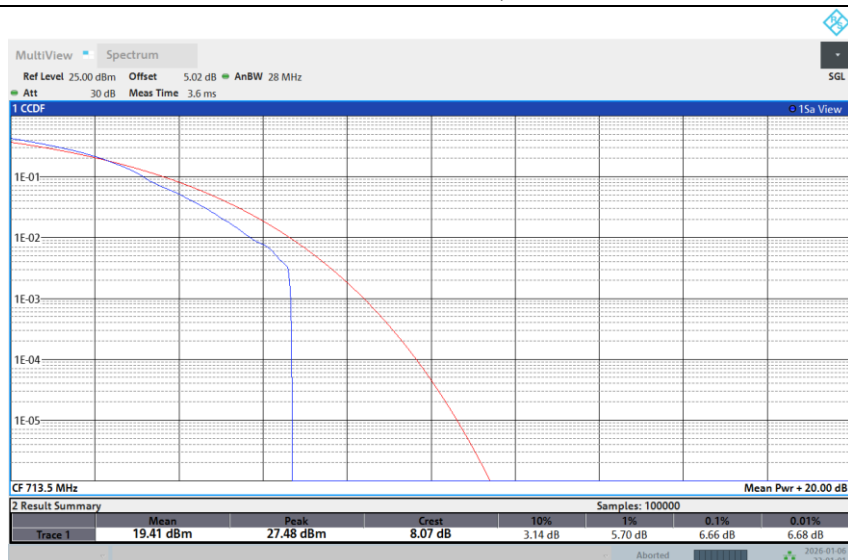
Band 12-5M-HIGH-64QAM-1RB Low



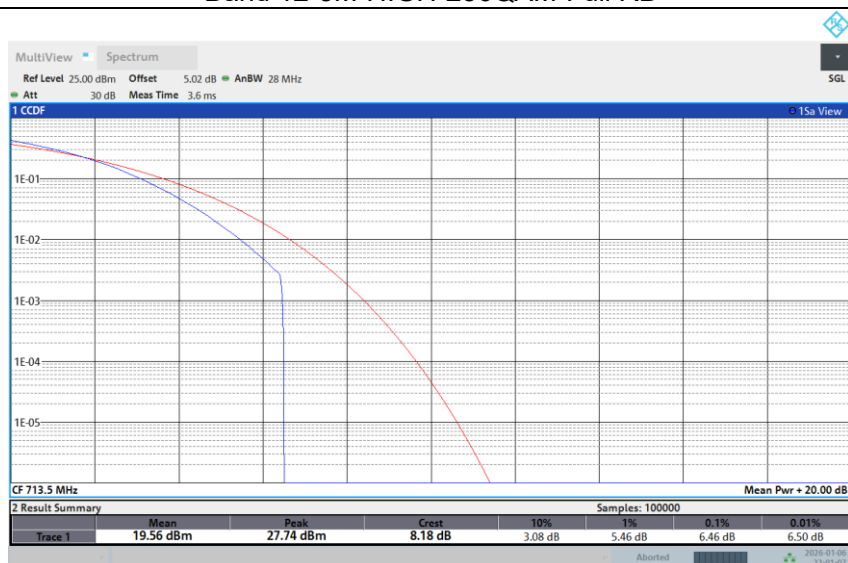
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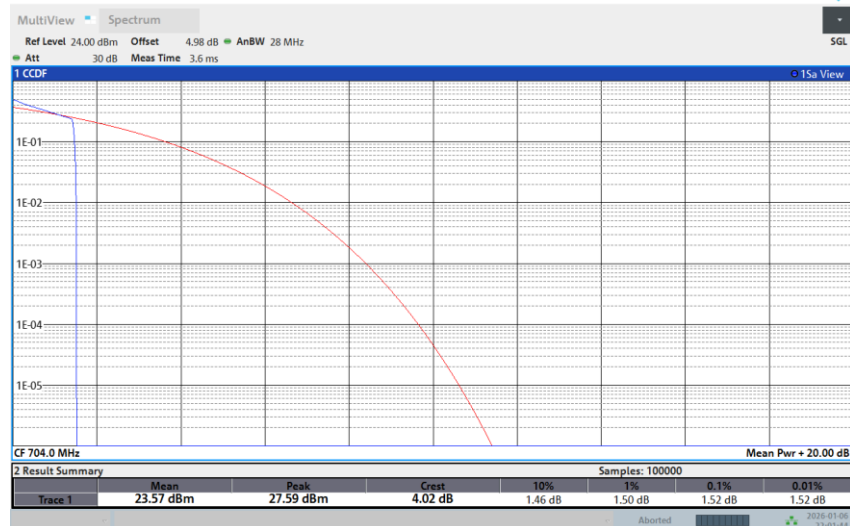
Band 12-5M-HIGH-256QAM-1RB Low



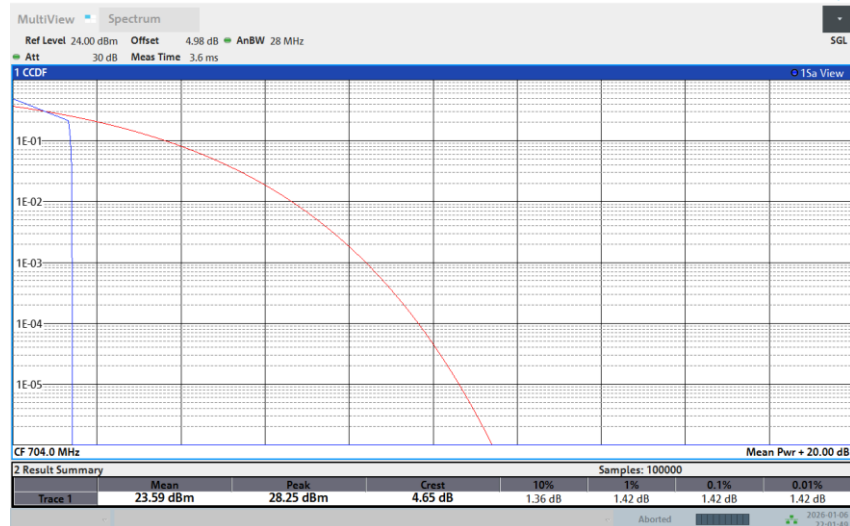
Band 12-5M-HIGH-256QAM-Full RB



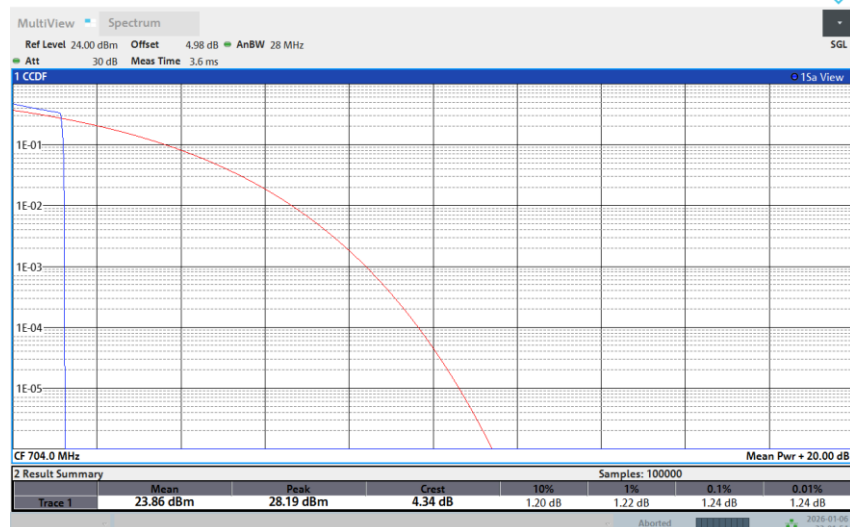
Band 12-10M-LOW-QPSK-1RB Low



Band 12-10M-LOW-QPSK-Full RB



Band 12-10M-LOW-16QAM-1RB Low

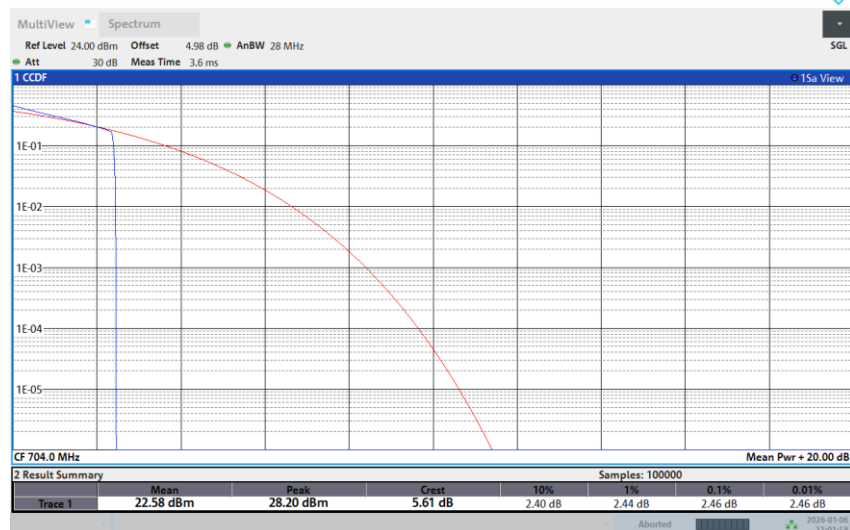


Band 12-10M-LOW-16QAM-Full RB

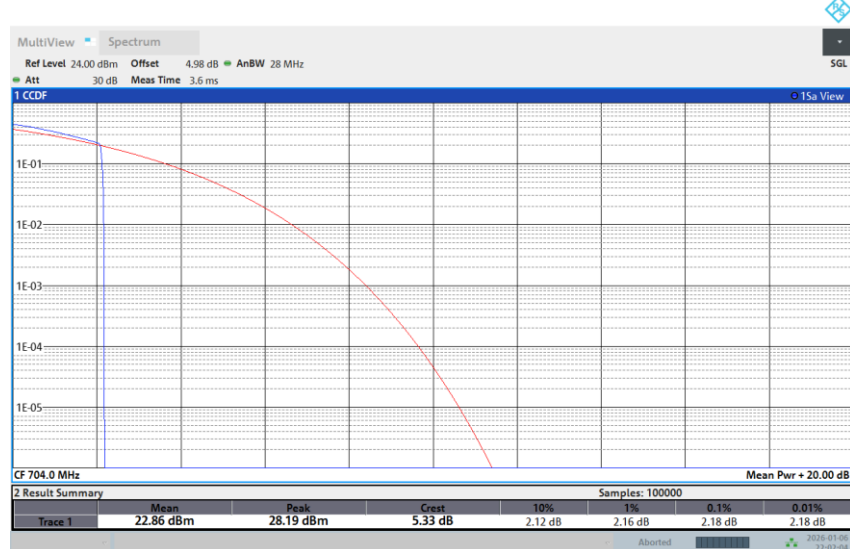
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4th Road, Chiwan Community, Zhaoshang Street,
Nanshan District, Shenzhen, Guangdong, P.R. CHINA

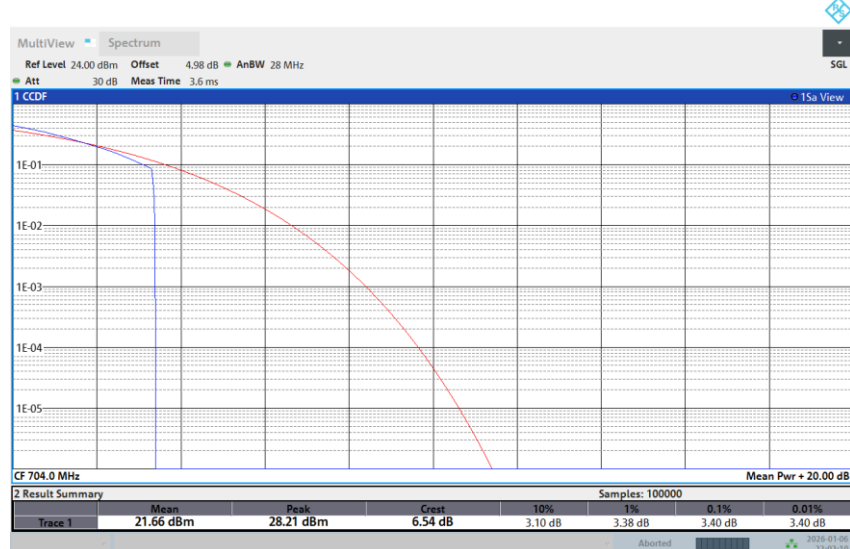
Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



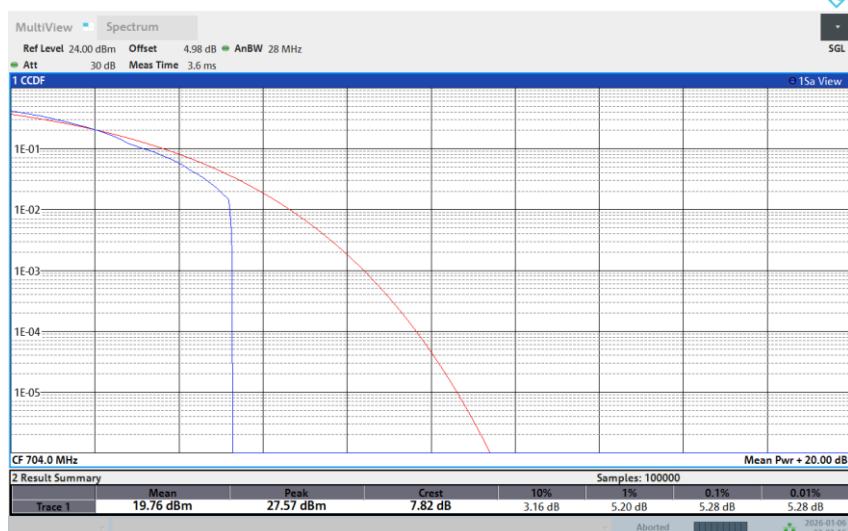
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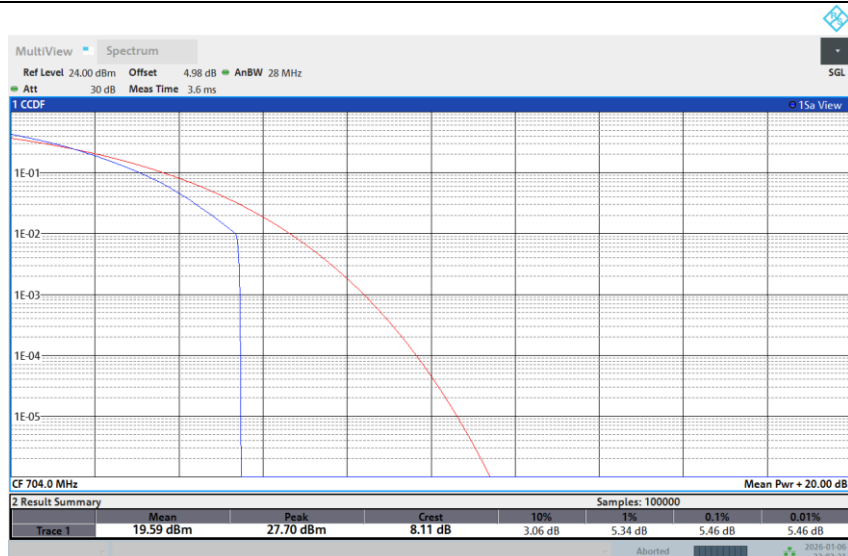
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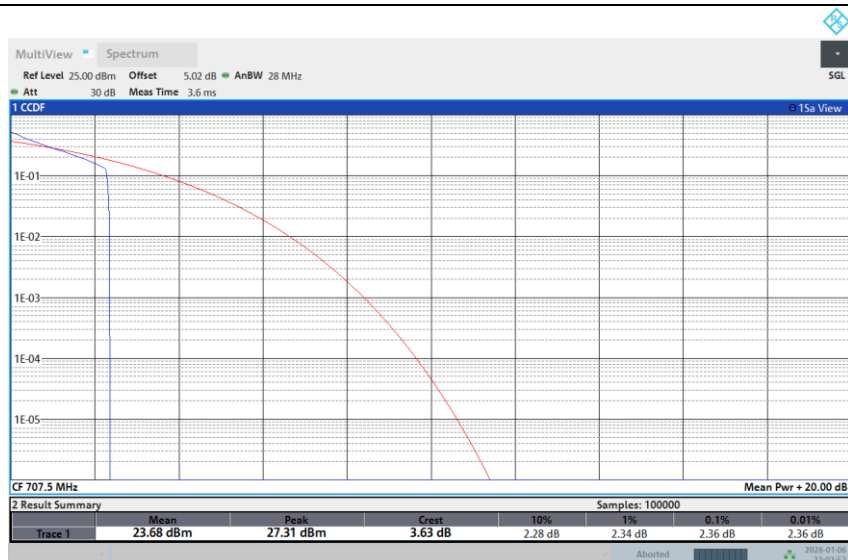
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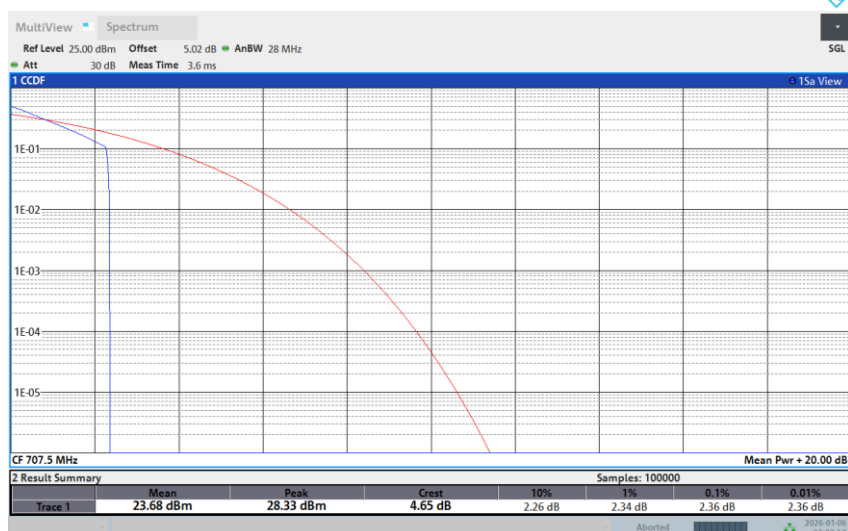
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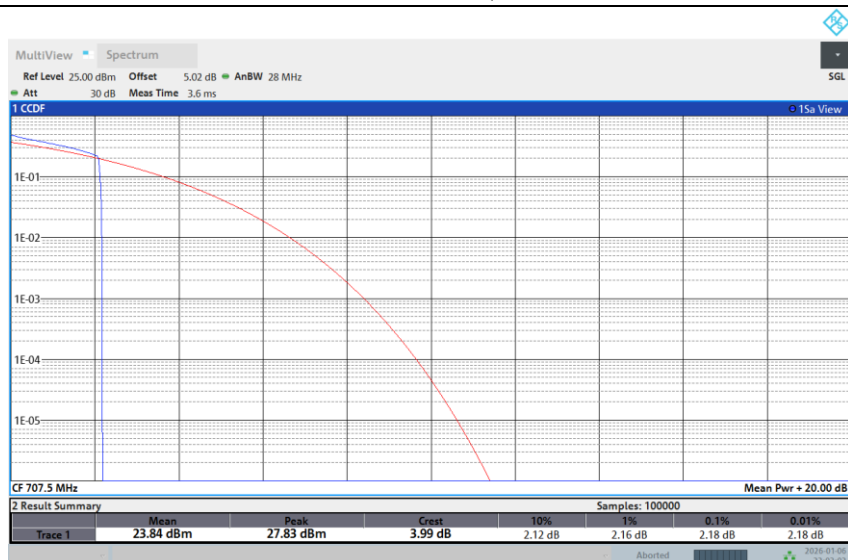
Band 12-10M-MID-QPSK-1RB Low



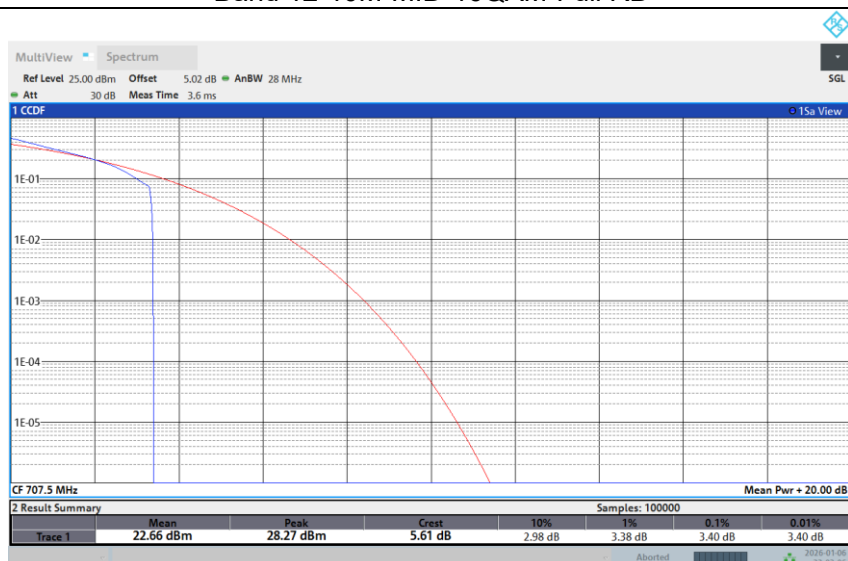
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Band 12-10M-MID-16QAM-1RB Low



Band 12-10M-MID-16QAM-Full RB

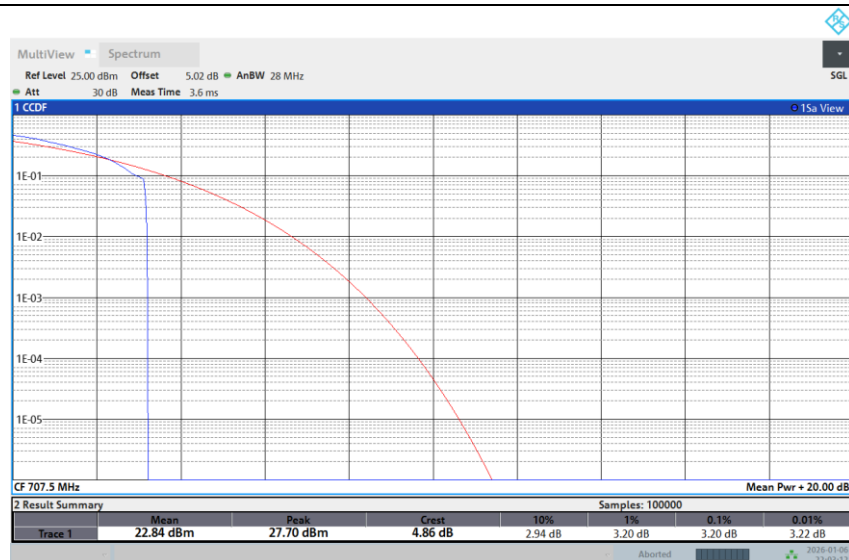


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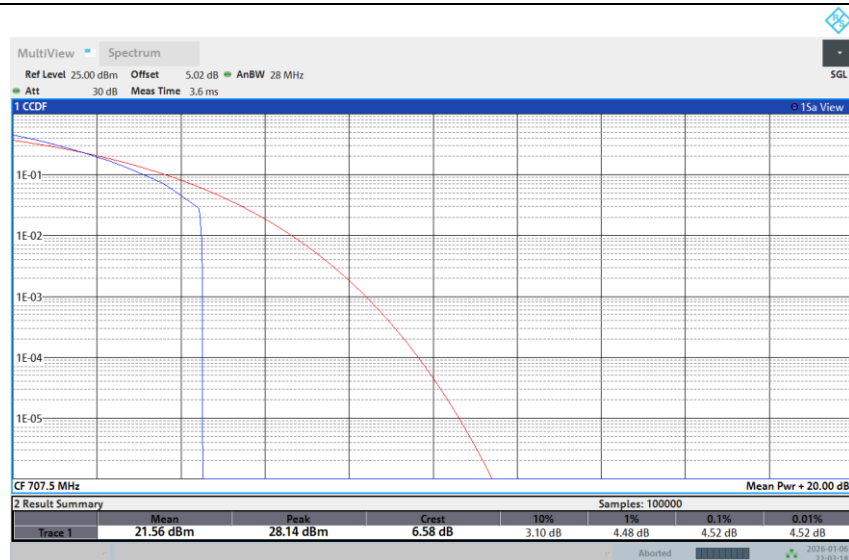
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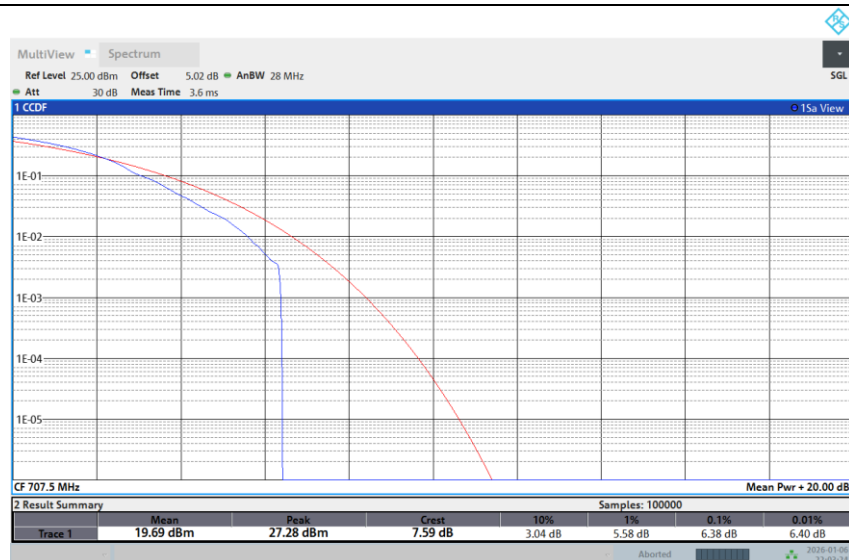
Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Band 12-10M-MID-64QAM-Full RB



Band 12-10M-MID-256QAM-1RB Low

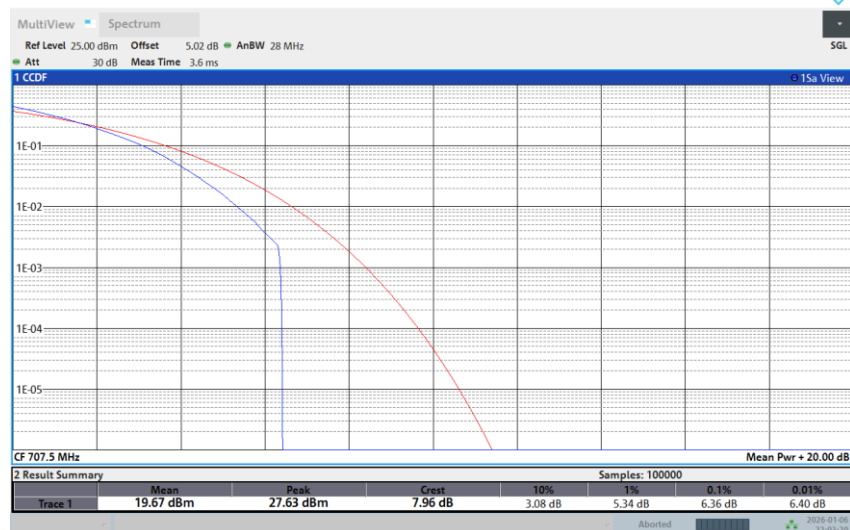


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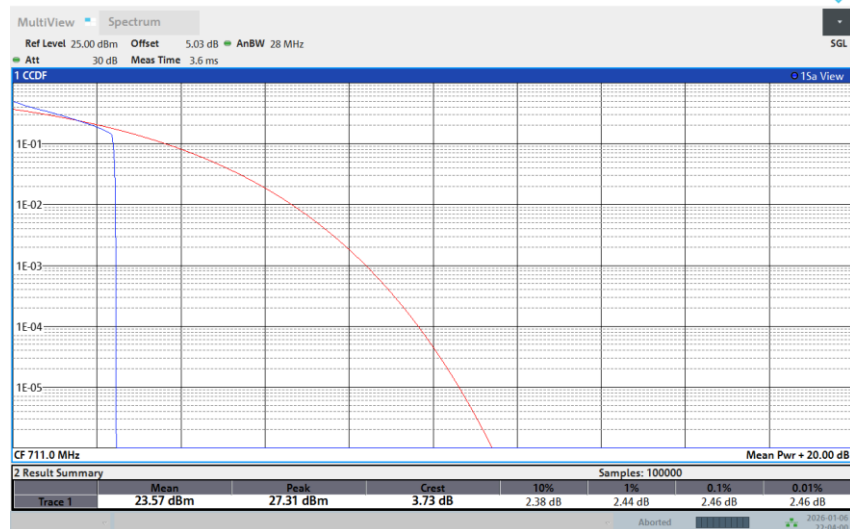
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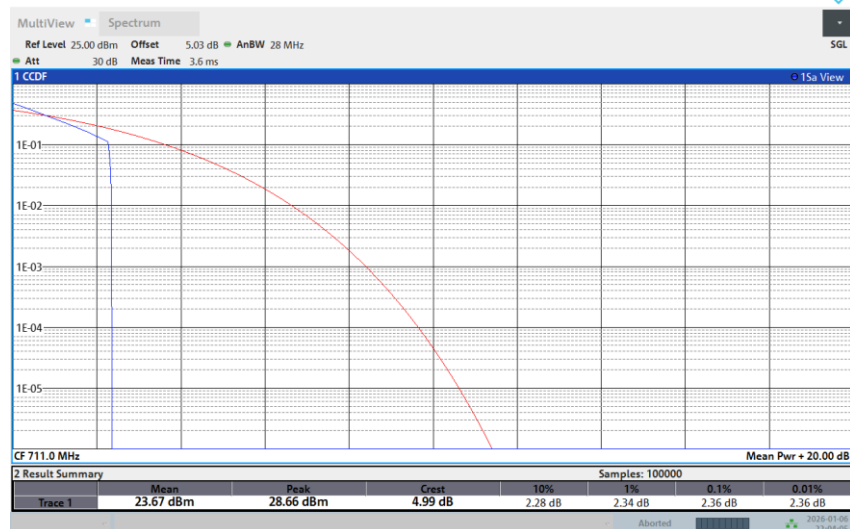
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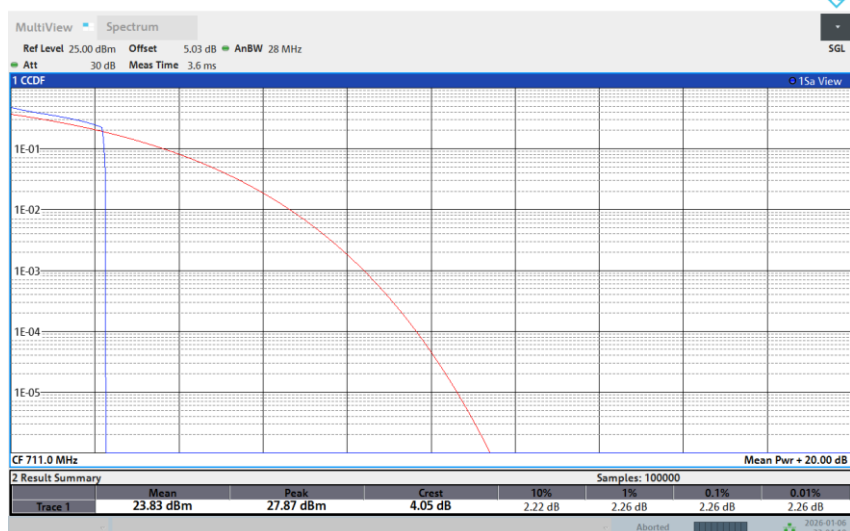
Band 12-10M-HIGH-QPSK-1RB Low



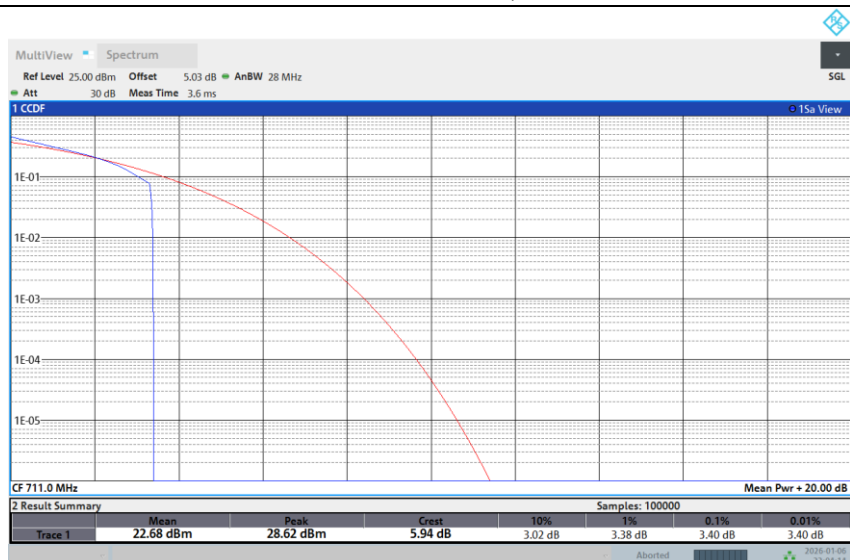
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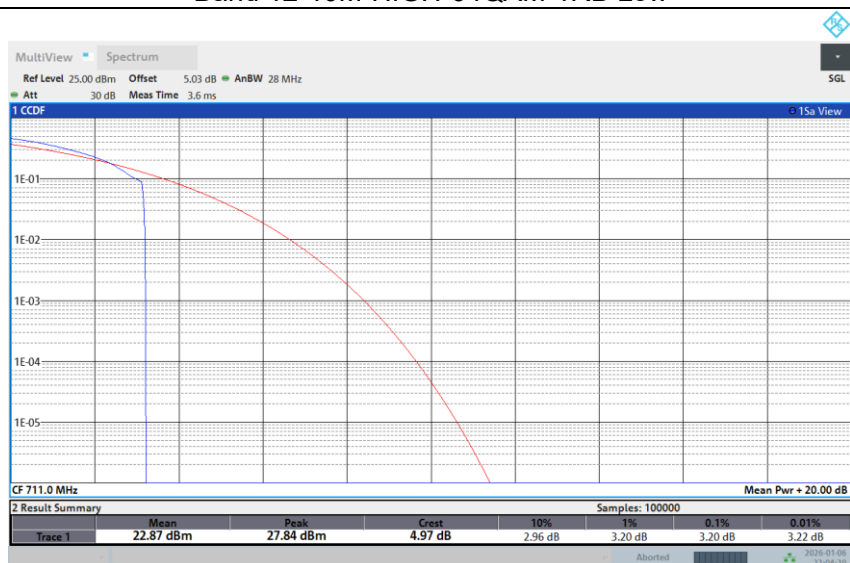
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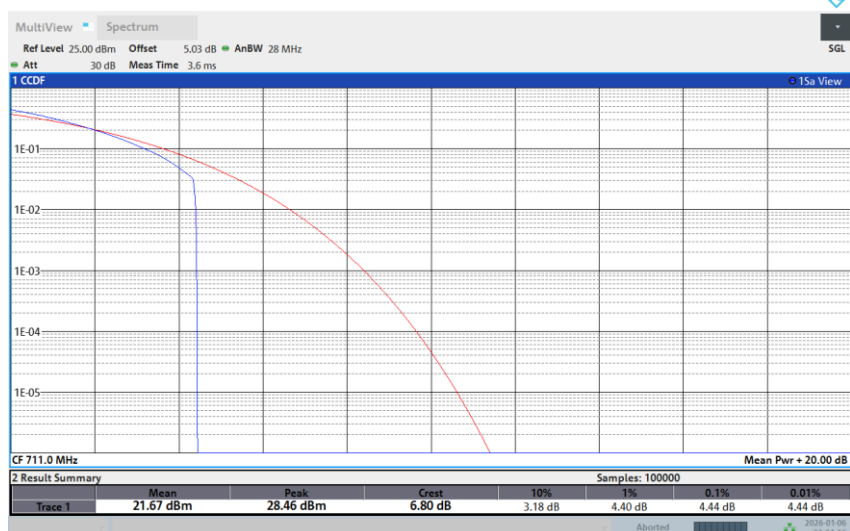
Band 12-10M-HIGH-16QAM-Full RB



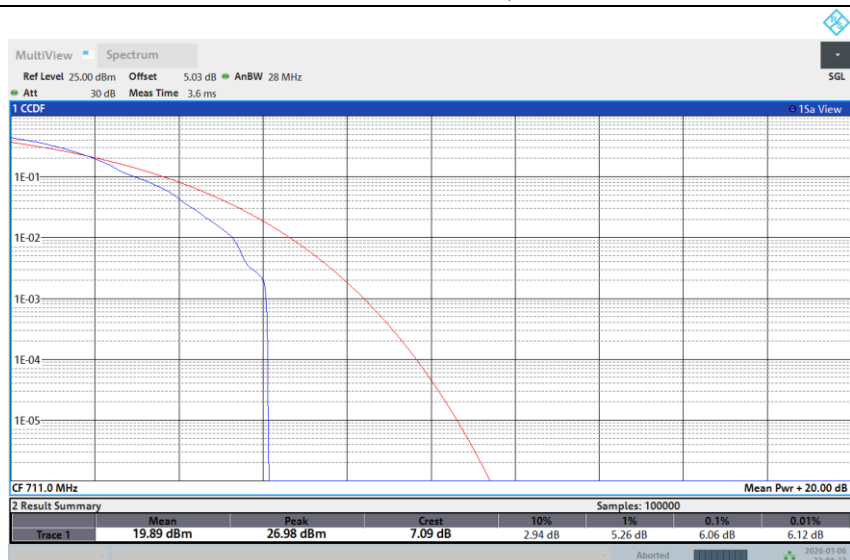
Band 12-10M-HIGH-64QAM-1RB Low



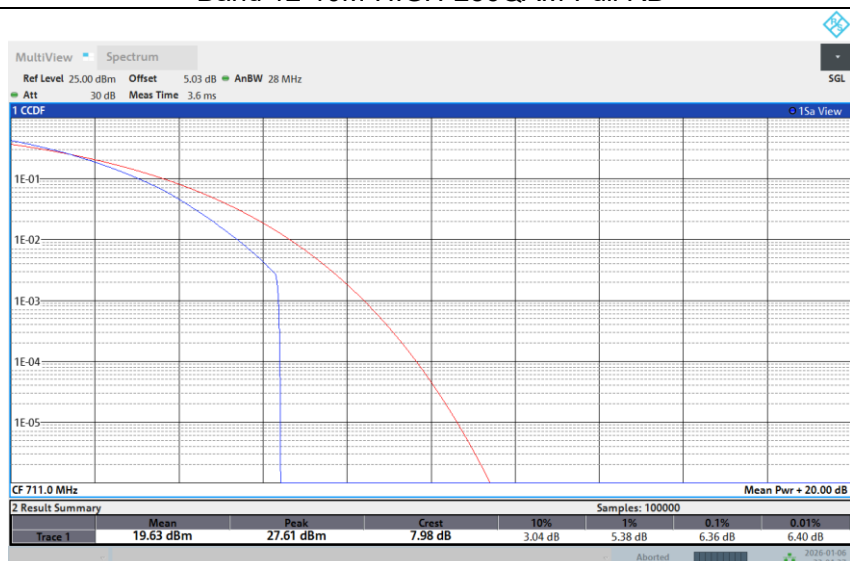
Band 12-10M-HIGH-64QAM-Full RB



Band 12-10M-HIGH-256QAM-1RB Low



Band 12-10M-HIGH-256QAM-Full RB



26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

LTE band 12(99%)

Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth(MHz)	Verdict
1.4MHz	QPSK	23017	Full RB	1.100	PASS
1.4MHz	16QAM	23017	Full RB	1.093	PASS
1.4MHz	64QAM	23017	Full RB	1.094	PASS
1.4MHz	256QAM	23017	Full RB	1.091	PASS
1.4MHz	QPSK	23095	Full RB	1.096	PASS
1.4MHz	16QAM	23095	Full RB	1.095	PASS
1.4MHz	64QAM	23095	Full RB	1.095	PASS
1.4MHz	256QAM	23095	Full RB	1.099	PASS
1.4MHz	QPSK	23173	Full RB	1.098	PASS
1.4MHz	16QAM	23173	Full RB	1.098	PASS
1.4MHz	64QAM	23173	Full RB	1.094	PASS
1.4MHz	256QAM	23173	Full RB	1.09	PASS
3MHz	QPSK	23025	Full RB	2.701	PASS
3MHz	16QAM	23025	Full RB	2.707	PASS
3MHz	64QAM	23025	Full RB	2.702	PASS
3MHz	256QAM	23025	Full RB	2.702	PASS
3MHz	QPSK	23095	Full RB	2.701	PASS
3MHz	16QAM	23095	Full RB	2.701	PASS
3MHz	64QAM	23095	Full RB	2.699	PASS
3MHz	256QAM	23095	Full RB	2.700	PASS
3MHz	QPSK	23165	Full RB	2.704	PASS
3MHz	16QAM	23165	Full RB	2.707	PASS
3MHz	64QAM	23165	Full RB	2.703	PASS
3MHz	256QAM	23165	Full RB	2.704	PASS
5MHz	QPSK	23035	Full RB	4.499	PASS
5MHz	16QAM	23035	Full RB	4.495	PASS
5MHz	64QAM	23035	Full RB	4.495	PASS
5MHz	256QAM	23035	Full RB	4.493	PASS
5MHz	QPSK	23095	Full RB	4.495	PASS
5MHz	16QAM	23095	Full RB	4.490	PASS
5MHz	64QAM	23095	Full RB	4.484	PASS
5MHz	256QAM	23095	Full RB	4.492	PASS
5MHz	QPSK	23155	Full RB	4.497	PASS
5MHz	16QAM	23155	Full RB	4.501	PASS
5MHz	64QAM	23155	Full RB	4.502	PASS
5MHz	256QAM	23155	Full RB	4.505	PASS
10MHz	QPSK	23060	Full RB	8.973	PASS
10MHz	16QAM	23060	Full RB	8.964	PASS
10MHz	64QAM	23060	Full RB	8.962	PASS
10MHz	256QAM	23060	Full RB	8.960	PASS
10MHz	QPSK	23095	Full RB	8.974	PASS
10MHz	16QAM	23095	Full RB	8.944	PASS
10MHz	64QAM	23095	Full RB	8.949	PASS
10MHz	256QAM	23095	Full RB	8.956	PASS
10MHz	QPSK	23130	Full RB	8.982	PASS

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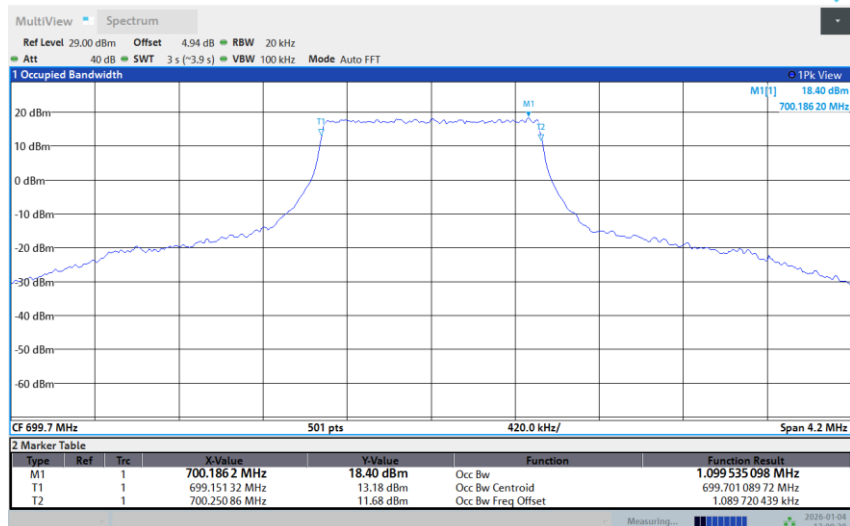
Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com

Test Report No.: RF260714B008

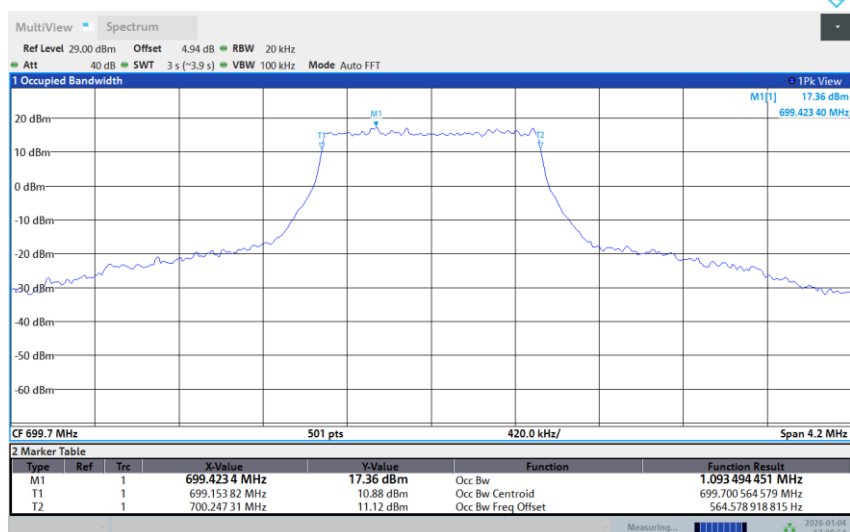
10MHz	16QAM	23130	Full RB	8.961	PASS
10MHz	64QAM	23130	Full RB	8.974	PASS
10MHz	256QAM	23130	Full RB	8.977	PASS

Test Graphs

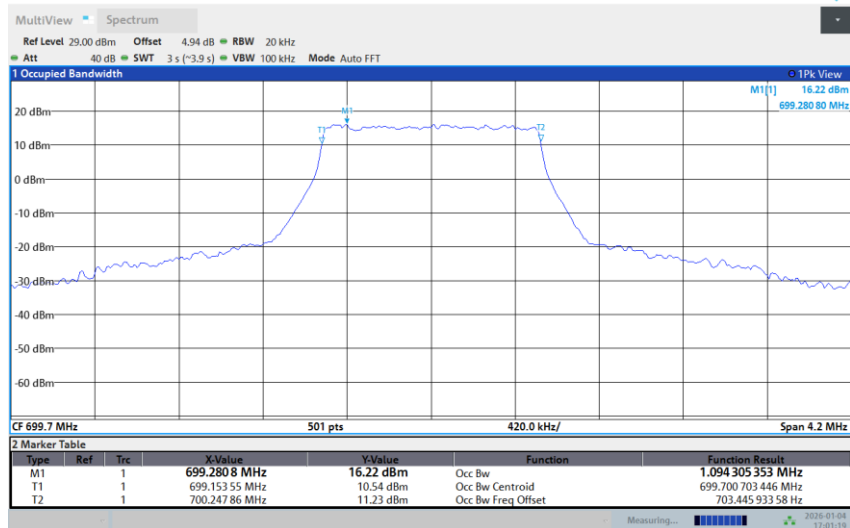
Band 12-1.4M-LOW-QPSK-Full RB



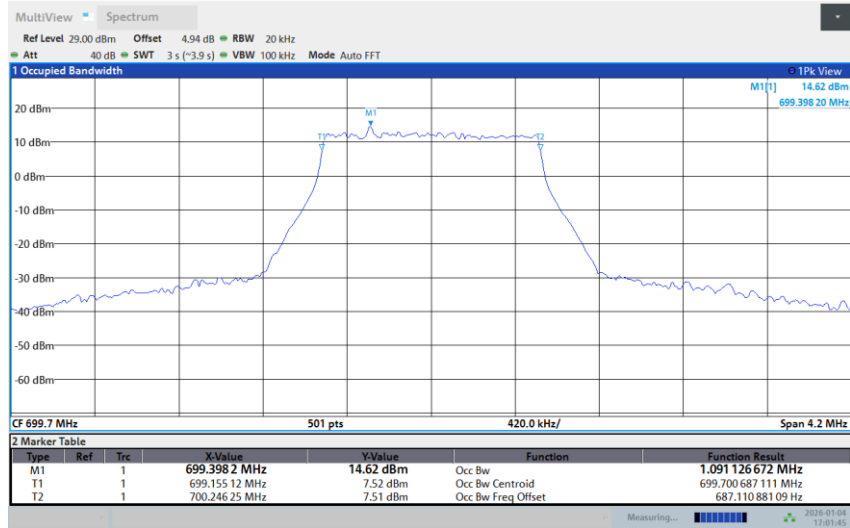
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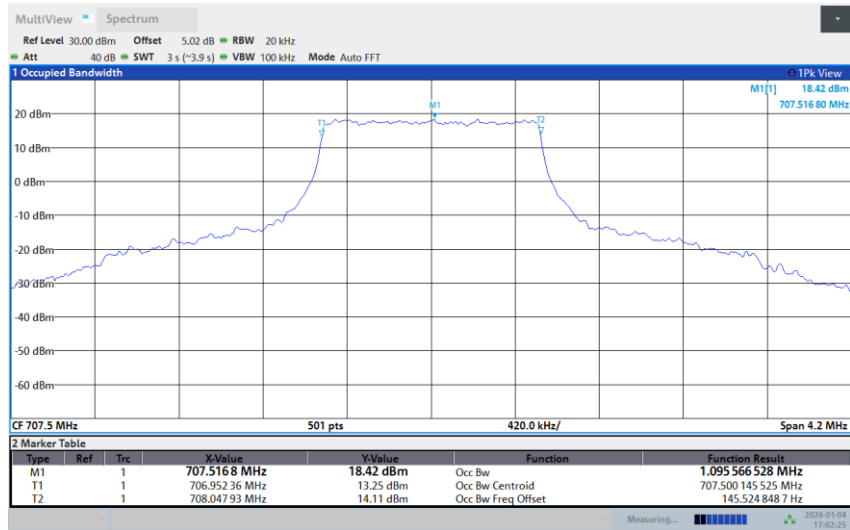
Band 12-1.4M-LOW-64QAM-Full RB



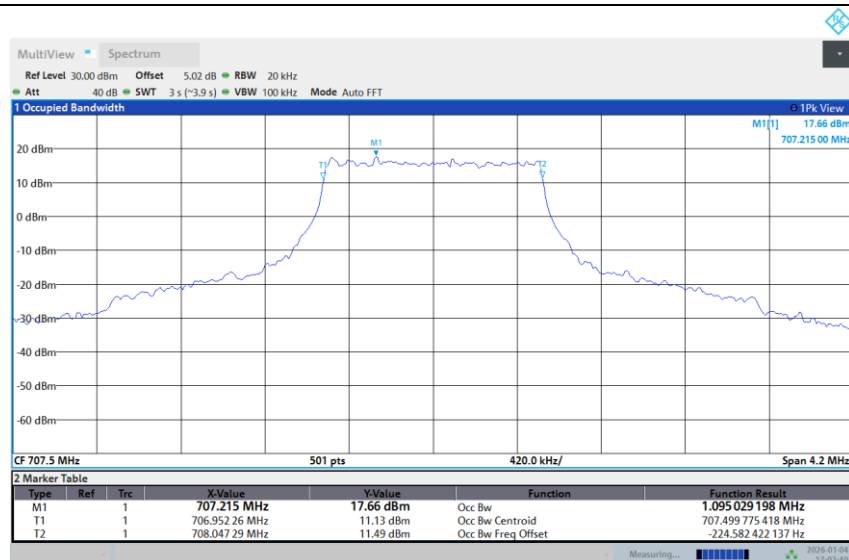
Band 12-1.4M-LOW-256QAM-Full RB



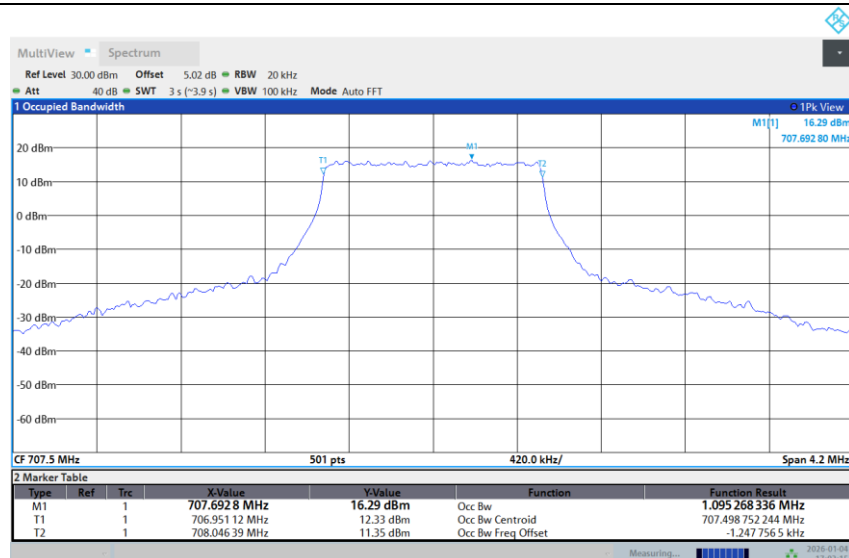
Band 12-1.4M-MID-QPSK-Full RB



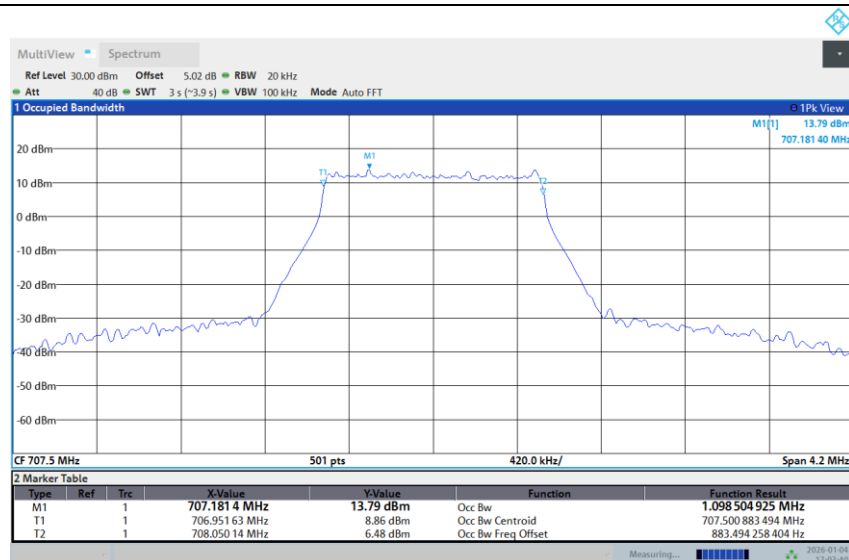
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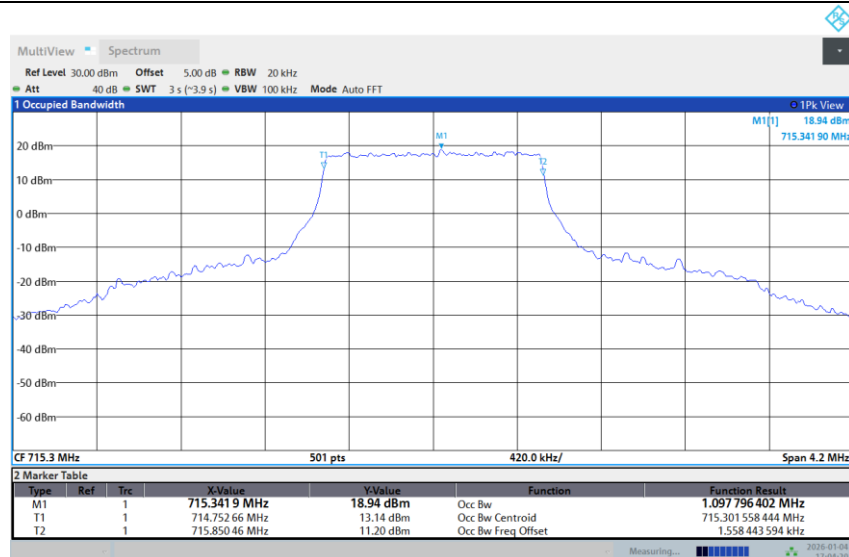
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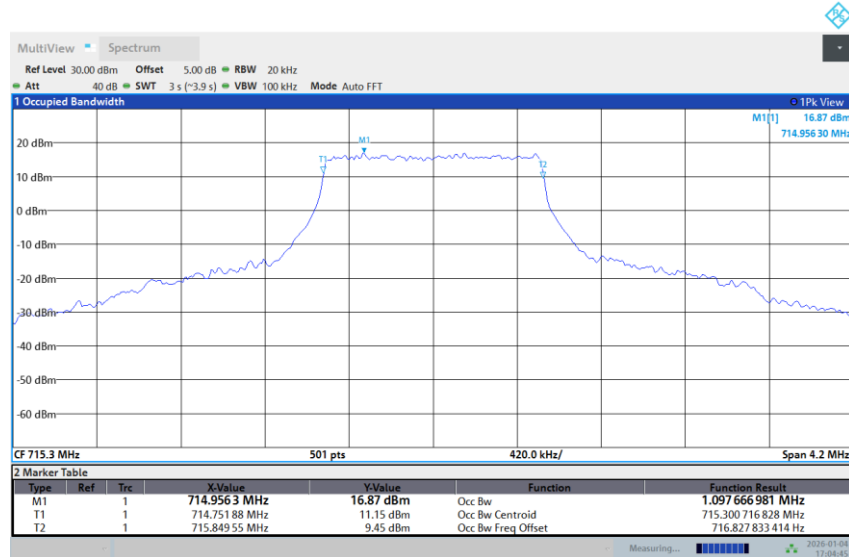
Band 12-1.4M-MID-256QAM-Full RB



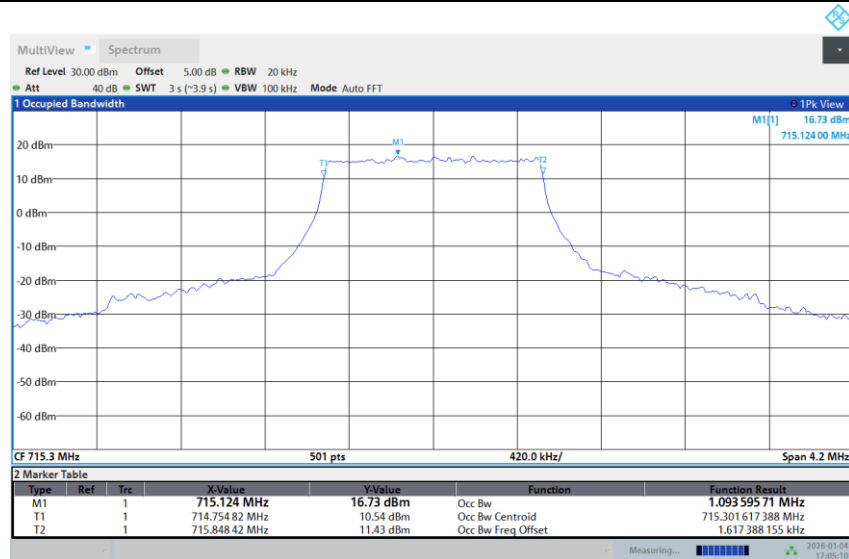
Band 12-1.4M-HIGH-QPSK-Full RB



Band 12-1.4M-HIGH-16QAM-Full RB



Band 12-1.4M-HIGH-64QAM-Full RB

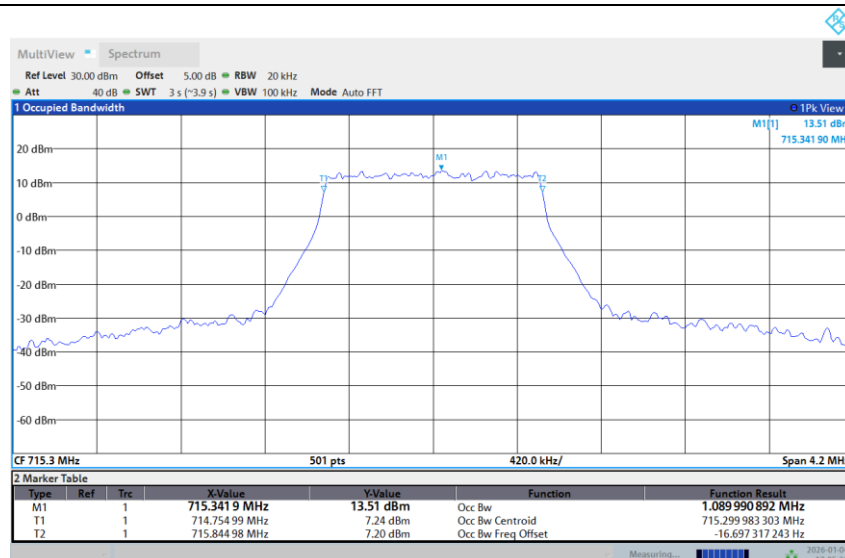


Band 12-1.4M-HIGH-256QAM-Full RB

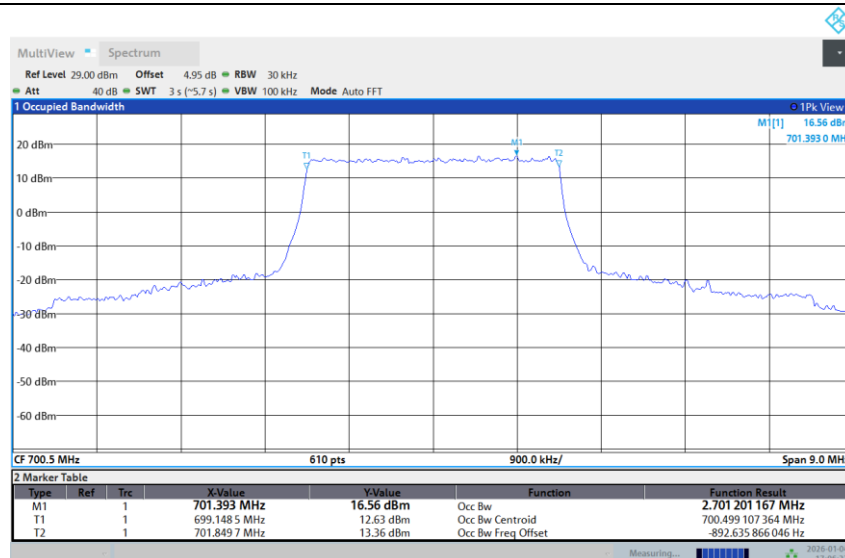
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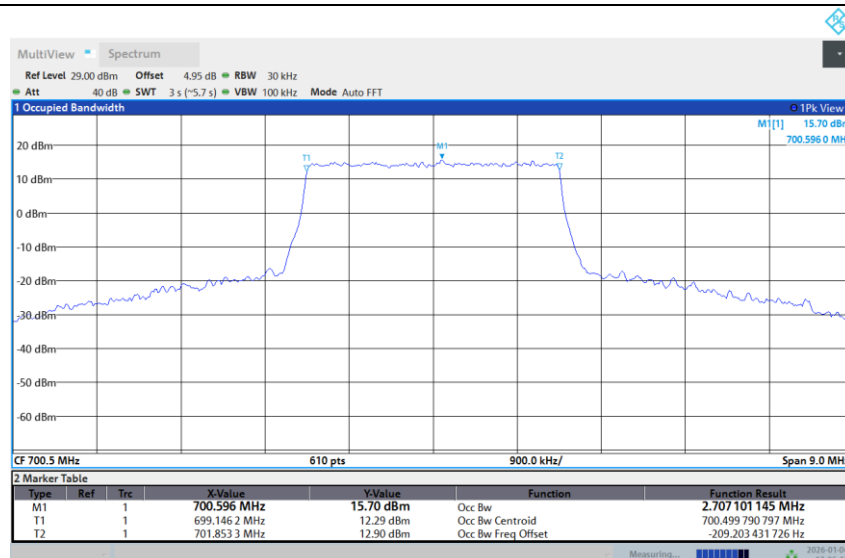
Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



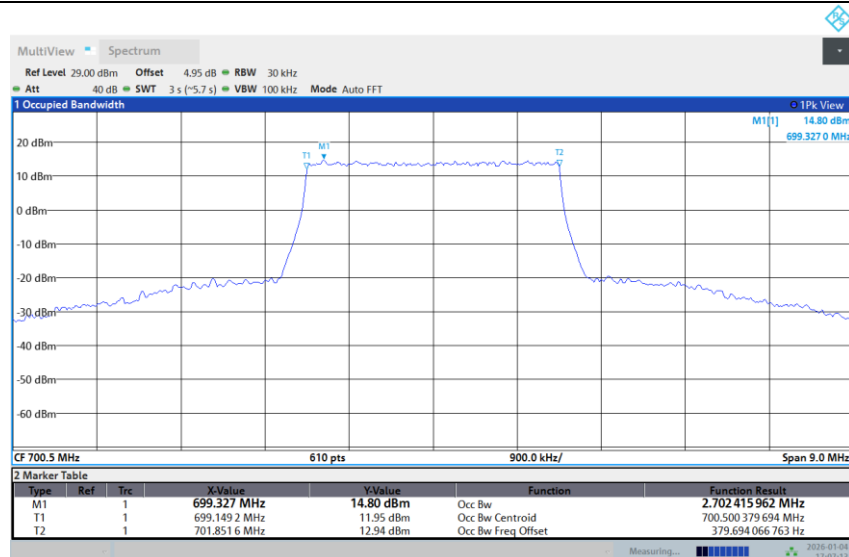
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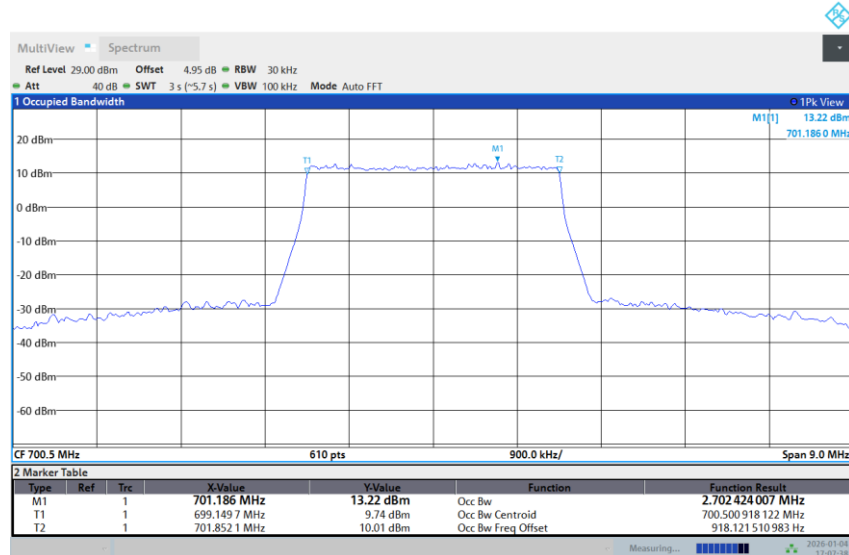
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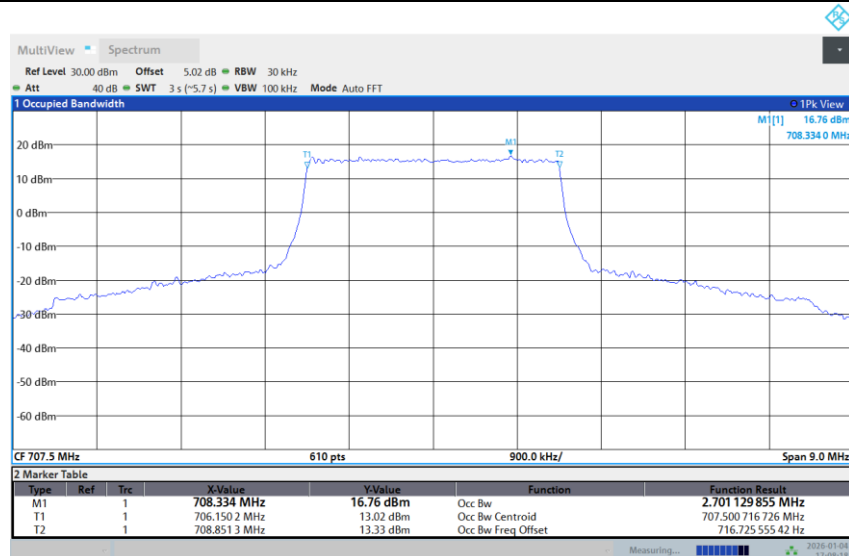
Band 12-3M-LOW-64QAM-Full RB



Band 12-3M-LOW-256QAM-Full RB



Band 12-3M-MID-QPSK-Full RB

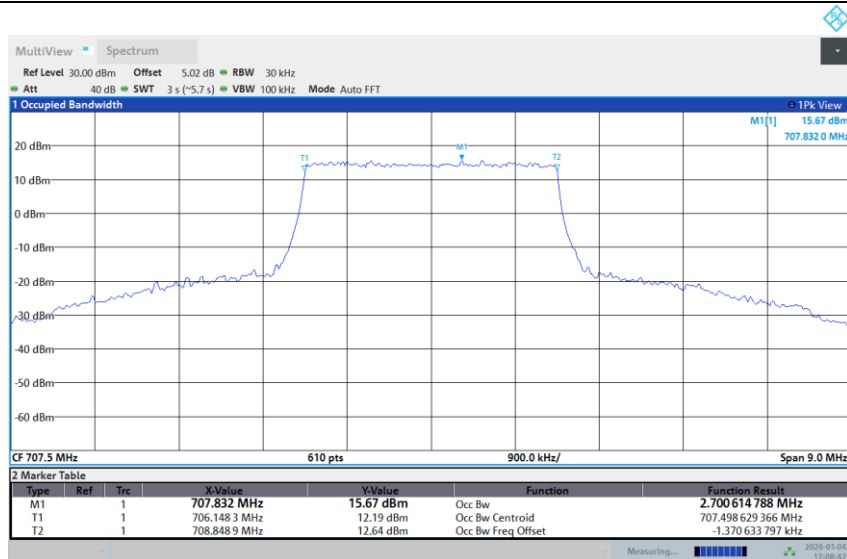


Band 12-3M-MID-16QAM-Full RB

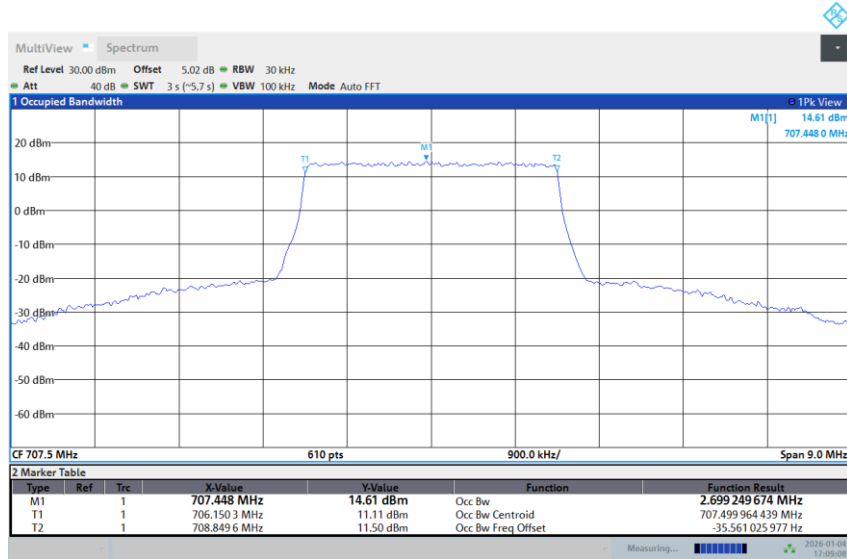
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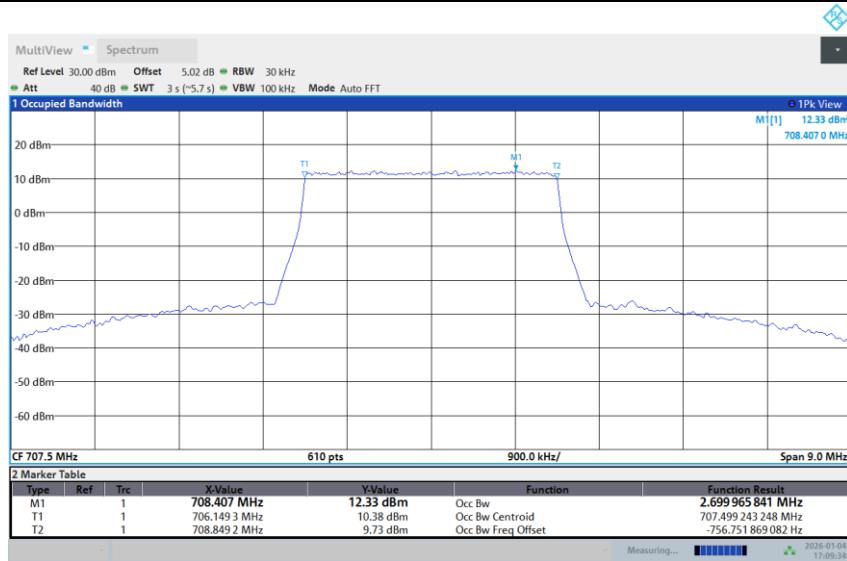
Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Band 12-3M-MID-64QAM-Full RB



Band 12-3M-MID-256QAM-Full RB

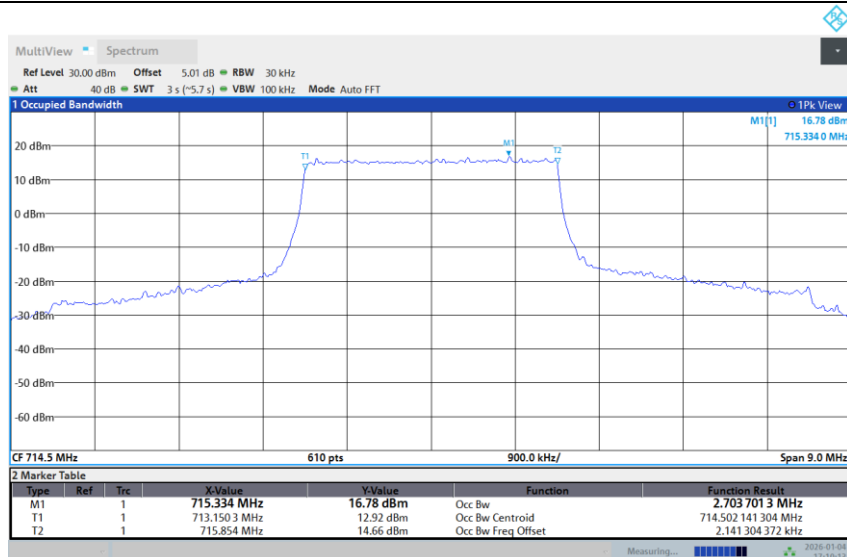


Band 12-3M-HIGH-QPSK-Full RB

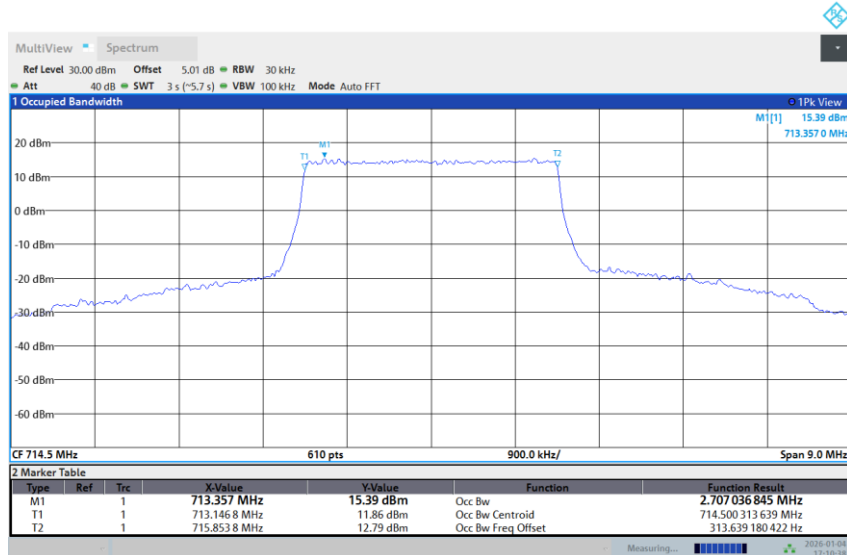
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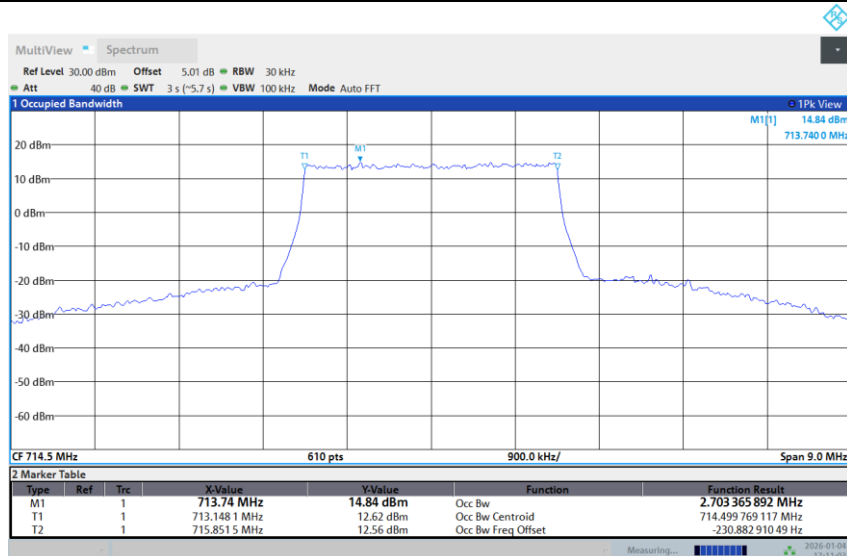
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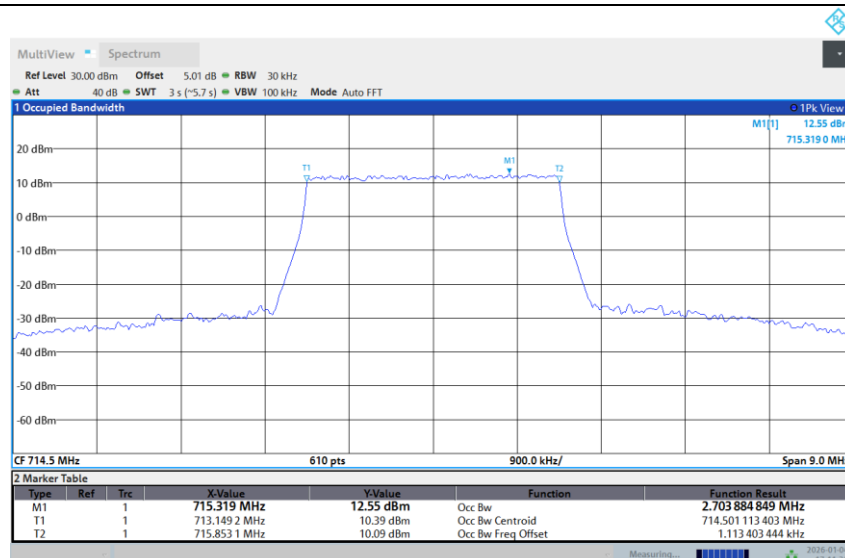
Band 12-3M-HIGH-16QAM-Full RB



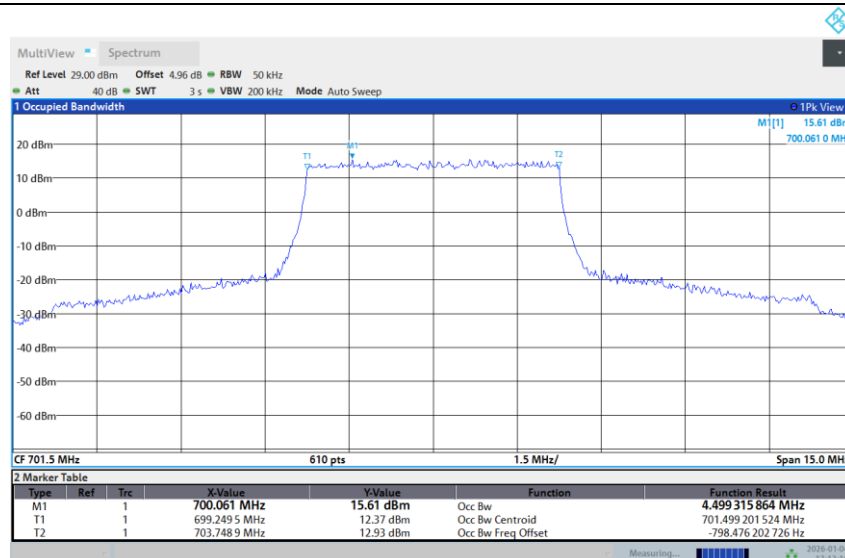
Band 12-3M-HIGH-64QAM-Full RB



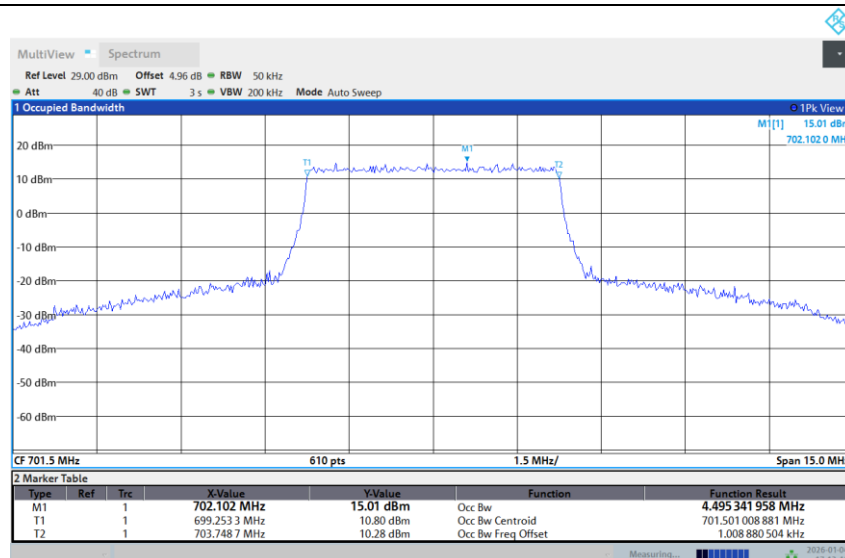
Band 12-3M-HIGH-256QAM-Full RB



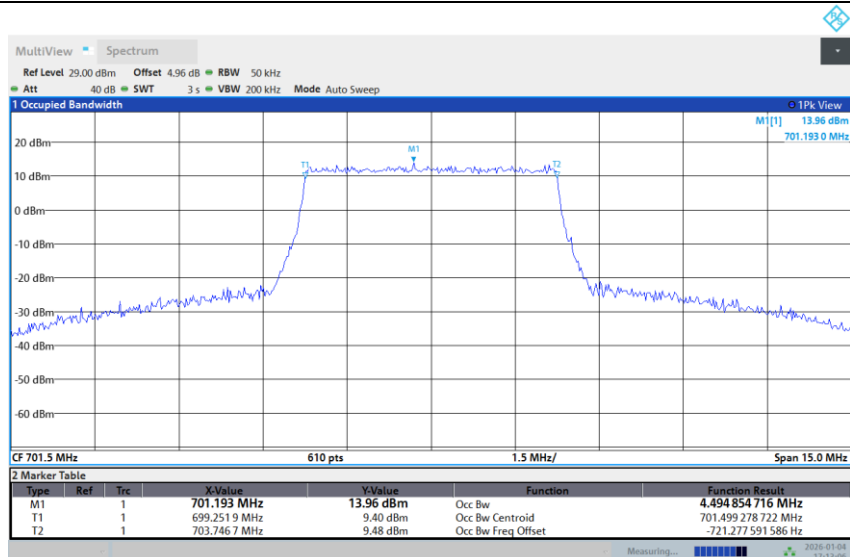
Band 12-5M-LOW-QPSK-Full RB



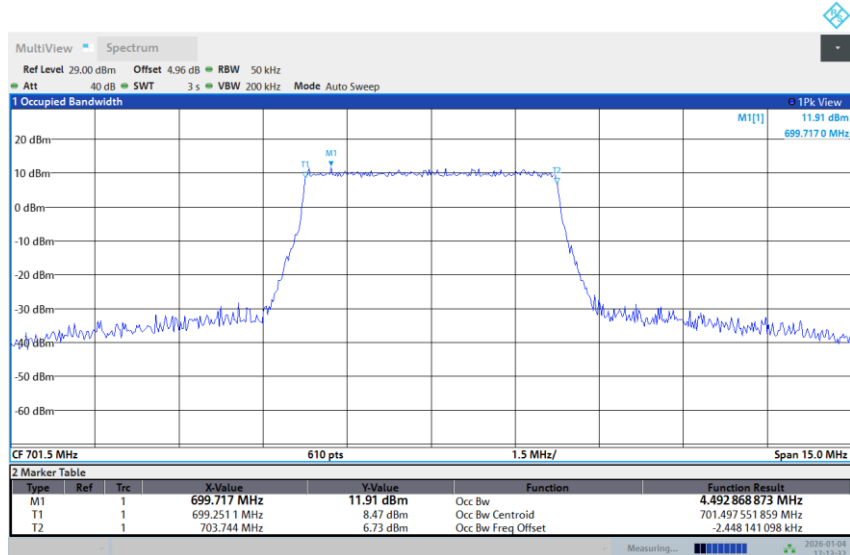
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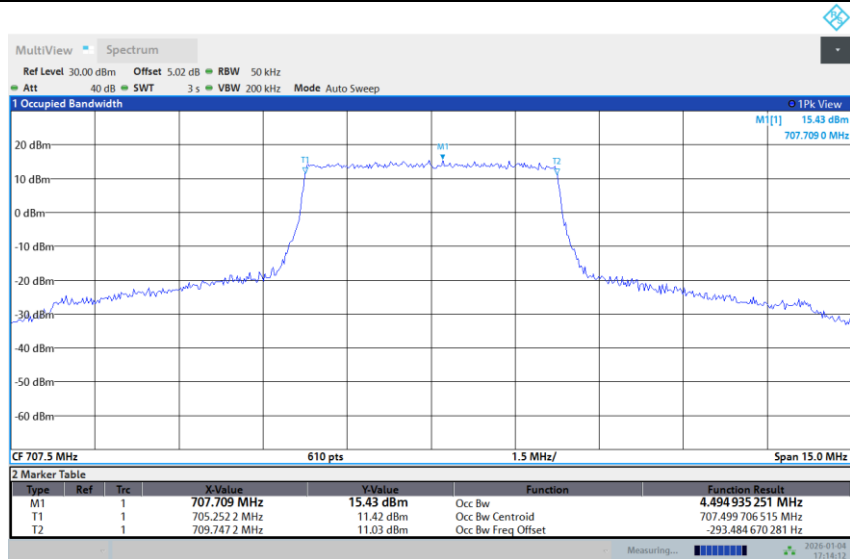
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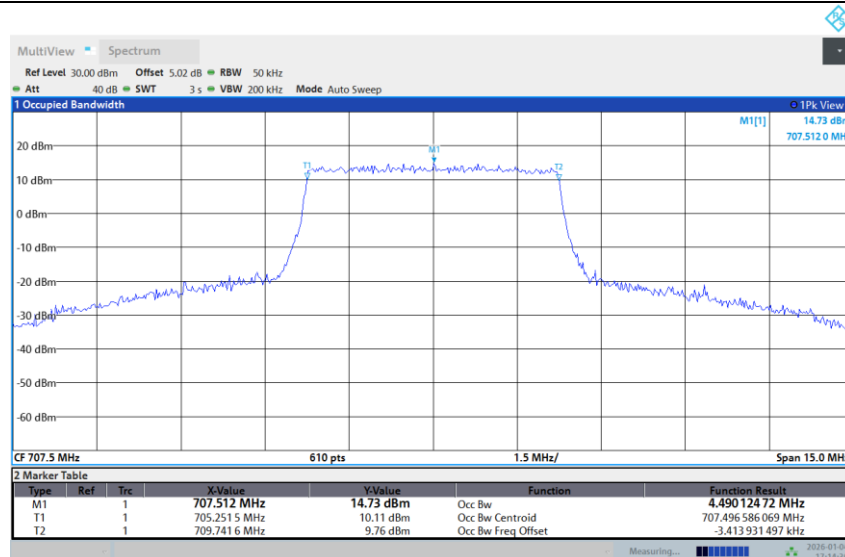
Band 12-5M-LOW-256QAM-Full RB



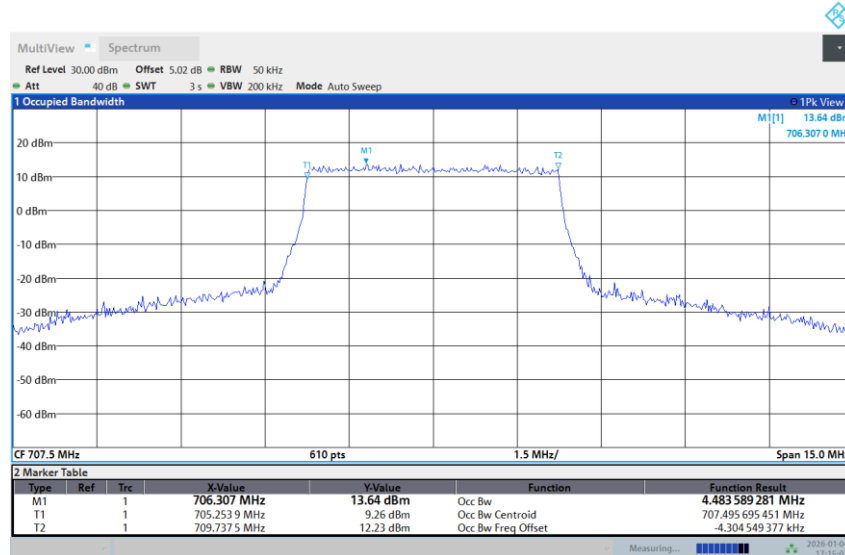
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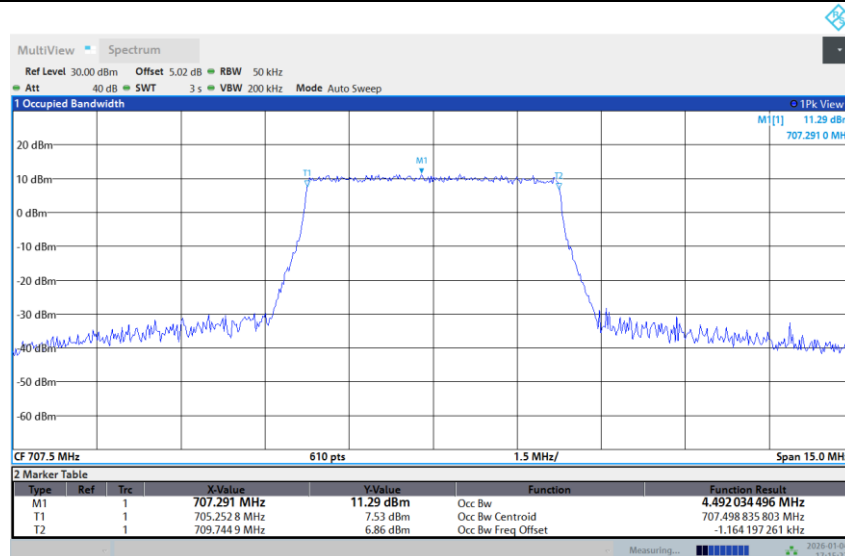
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Band 12-5M-MID-64QAM-Full RB



Band 12-5M-MID-256QAM-Full RB

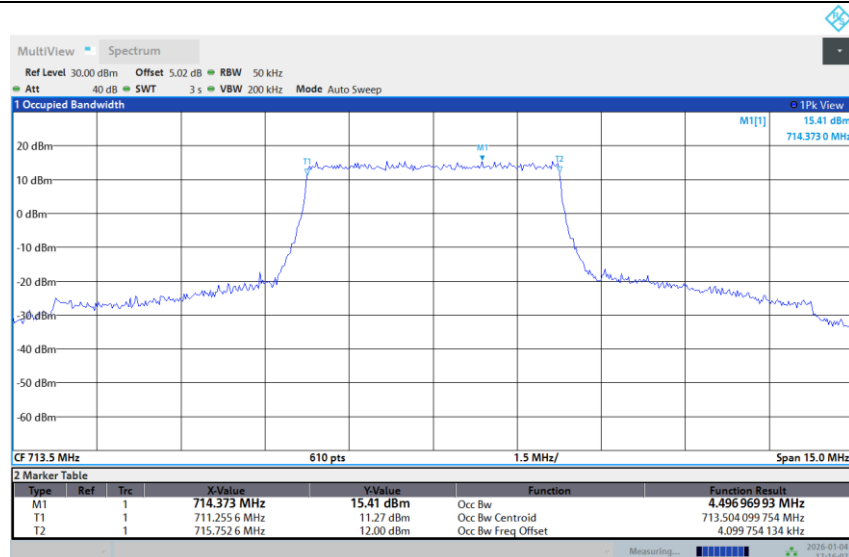


Band 12-5M-HIGH-QPSK-Full RB

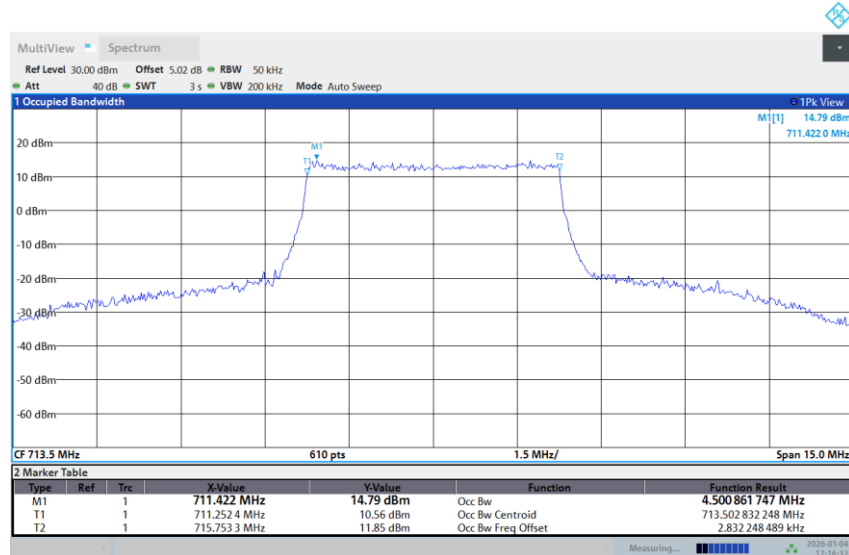
BOOMWAVE TEST (SHENZHEN)
CO., LTD.

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

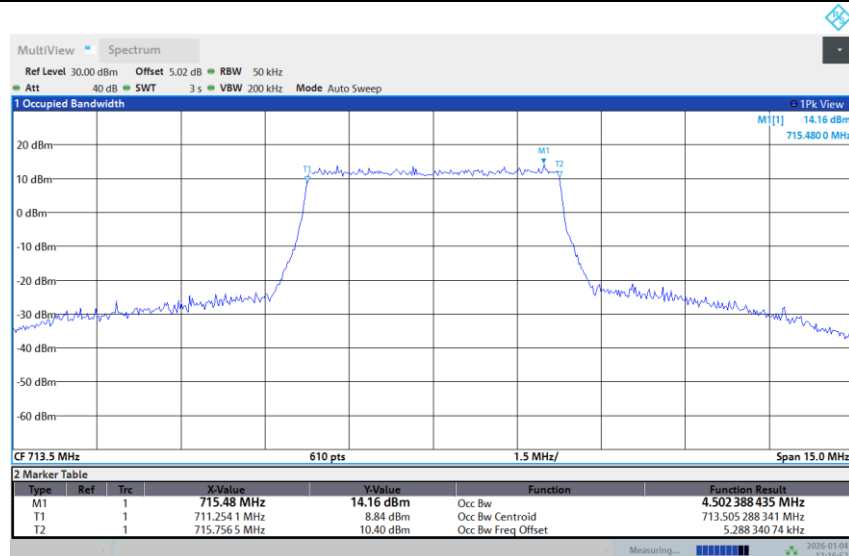
Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Band 12-5M-HIGH-16QAM-Full RB



Band 12-5M-HIGH-64QAM-Full RB

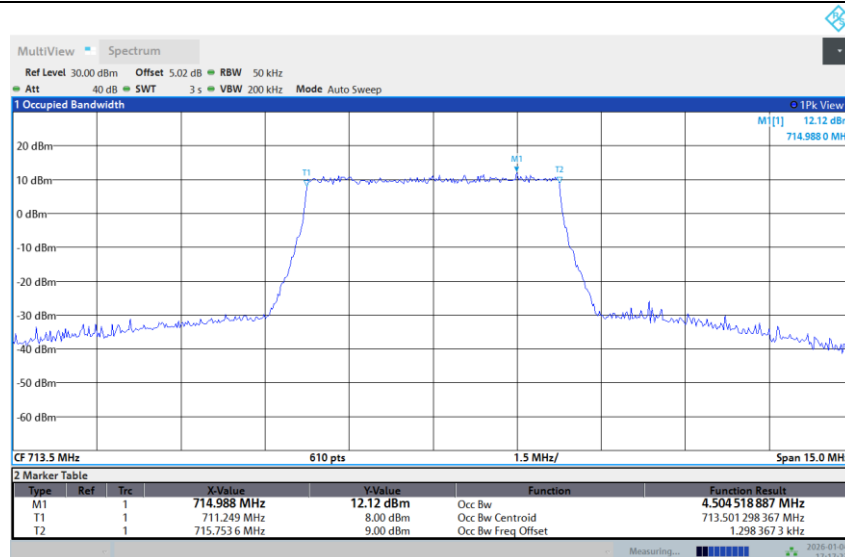


Band 12-5M-HIGH-256QAM-Full RB

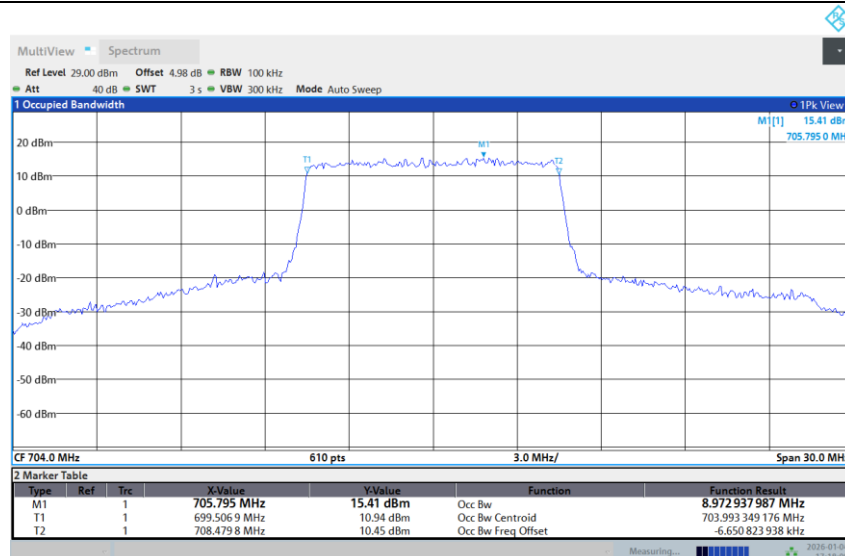
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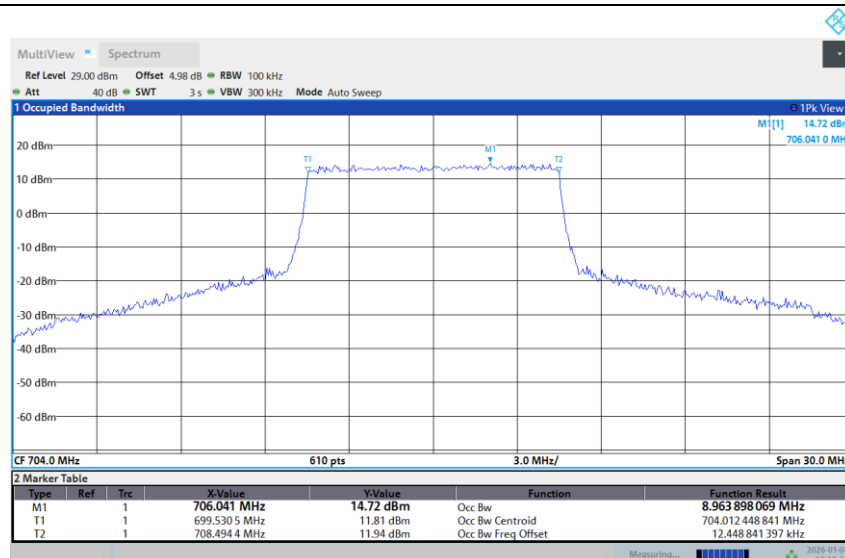
Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com



Band 12-10M-LOW-QPSK-Full RB



Band 12-10M-LOW-16QAM-Full RB



Band 12-10M-LOW-64QAM-Full RB