

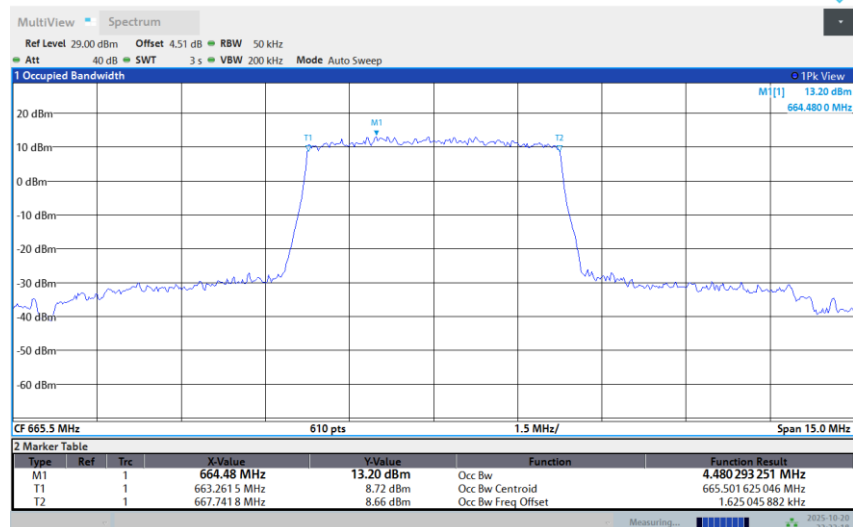
**26DB BANDWIDTH AND OCCUPIED BANDWIDTH****Test Result**

Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth(MHz)	Verdict
5MHz	QPSK	133147	Full RB	4.480	PASS
5MHz	16QAM	133147	Full RB	4.460	PASS
5MHz	64QAM	133147	Full RB	4.460	PASS
5MHz	QPSK	133297	Full RB	4.488	PASS
5MHz	16QAM	133297	Full RB	4.492	PASS
5MHz	64QAM	133297	Full RB	4.485	PASS
5MHz	QPSK	133447	Full RB	4.482	PASS
5MHz	16QAM	133447	Full RB	4.485	PASS
5MHz	64QAM	133447	Full RB	4.473	PASS
10MHz	QPSK	133172	Full RB	8.948	PASS
10MHz	16QAM	133172	Full RB	8.940	PASS
10MHz	64QAM	133172	Full RB	8.930	PASS
10MHz	QPSK	133297	Full RB	8.918	PASS
10MHz	16QAM	133297	Full RB	8.927	PASS
10MHz	64QAM	133297	Full RB	8.913	PASS
10MHz	QPSK	133422	Full RB	8.968	PASS
10MHz	16QAM	133422	Full RB	8.948	PASS
10MHz	64QAM	133422	Full RB	8.974	PASS
15MHz	QPSK	133197	Full RB	13.552	PASS
15MHz	16QAM	133197	Full RB	13.511	PASS
15MHz	64QAM	133197	Full RB	13.489	PASS
15MHz	QPSK	133297	Full RB	13.340	PASS
15MHz	16QAM	133297	Full RB	13.391	PASS
15MHz	64QAM	133297	Full RB	13.393	PASS
15MHz	QPSK	133397	Full RB	13.534	PASS
15MHz	16QAM	133397	Full RB	13.559	PASS
15MHz	64QAM	133397	Full RB	13.570	PASS
20MHz	QPSK	133222	Full RB	17.921	PASS
20MHz	16QAM	133222	Full RB	17.947	PASS
20MHz	64QAM	133222	Full RB	17.923	PASS
20MHz	QPSK	133322	Full RB	17.845	PASS
20MHz	16QAM	133322	Full RB	17.872	PASS
20MHz	64QAM	133322	Full RB	17.883	PASS
20MHz	QPSK	133372	Full RB	18.047	PASS
20MHz	16QAM	133372	Full RB	18.025	PASS
20MHz	64QAM	133372	Full RB	18.003	PASS

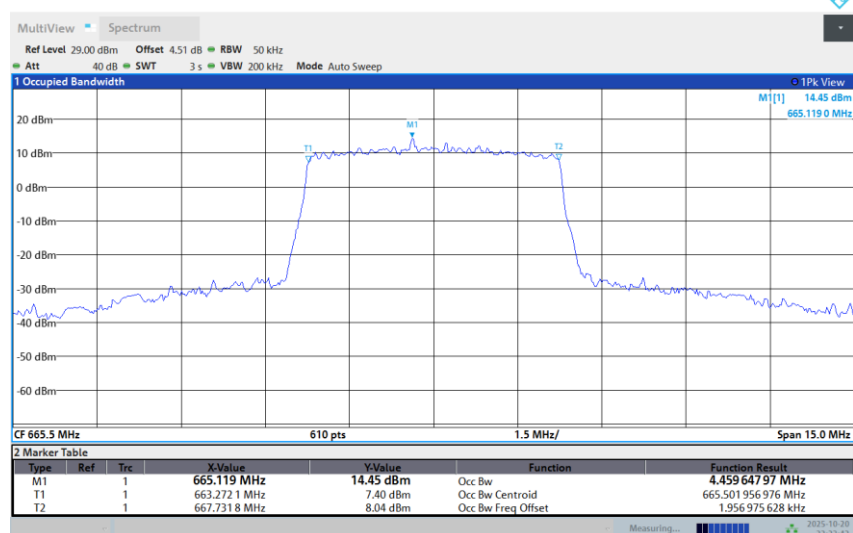


Test Graphs

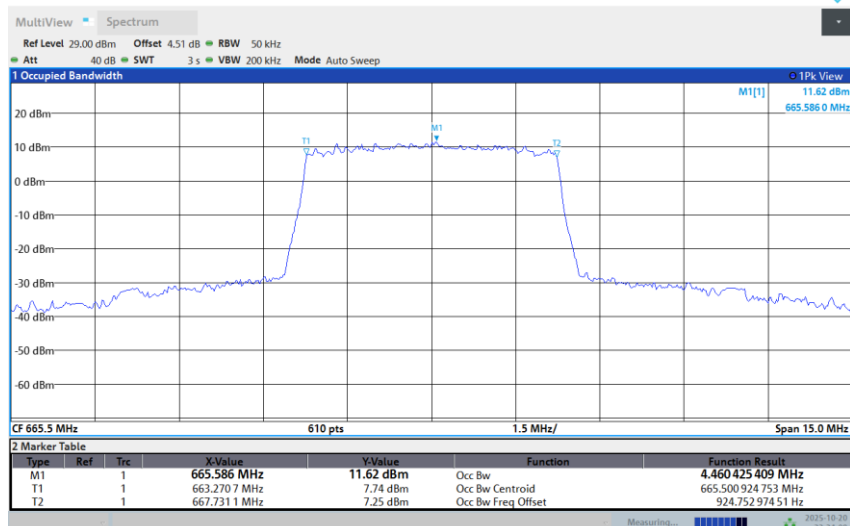
Band 71-5M-LOW-QPSK-Full RB



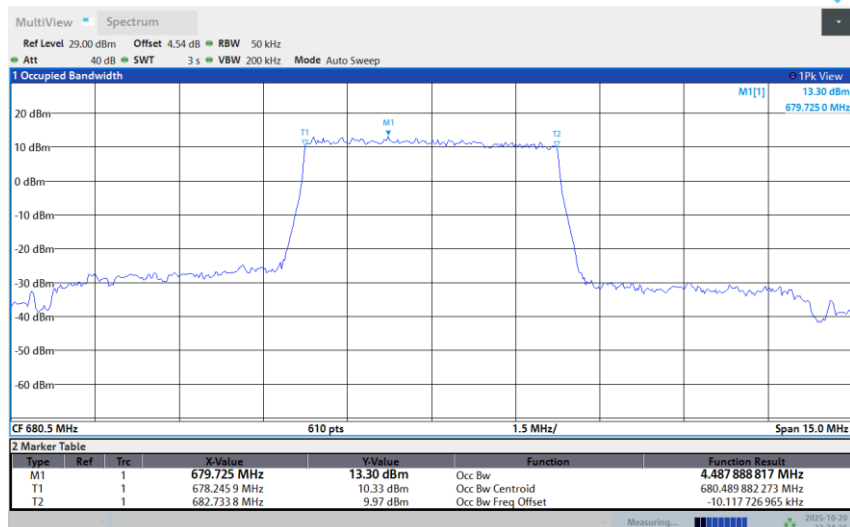
Band 71-5M-LOW-16QAM-Full RB



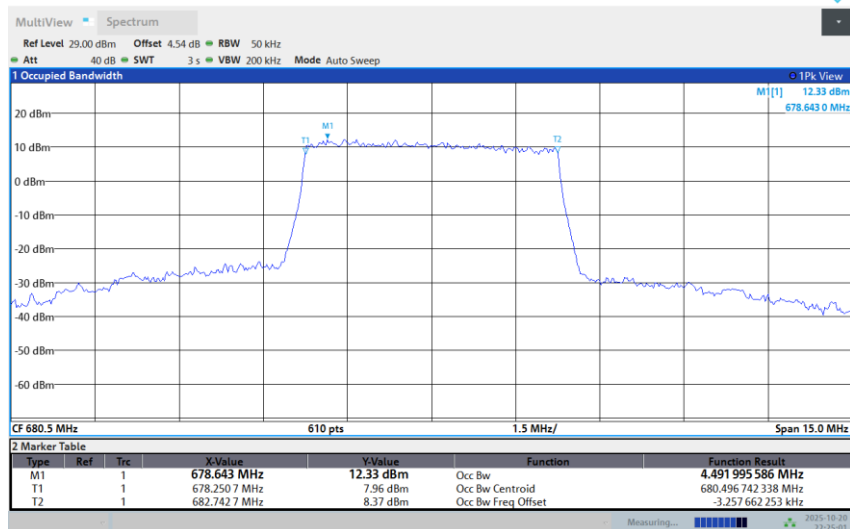
Band 71-5M-LOW-64QAM-Full RB



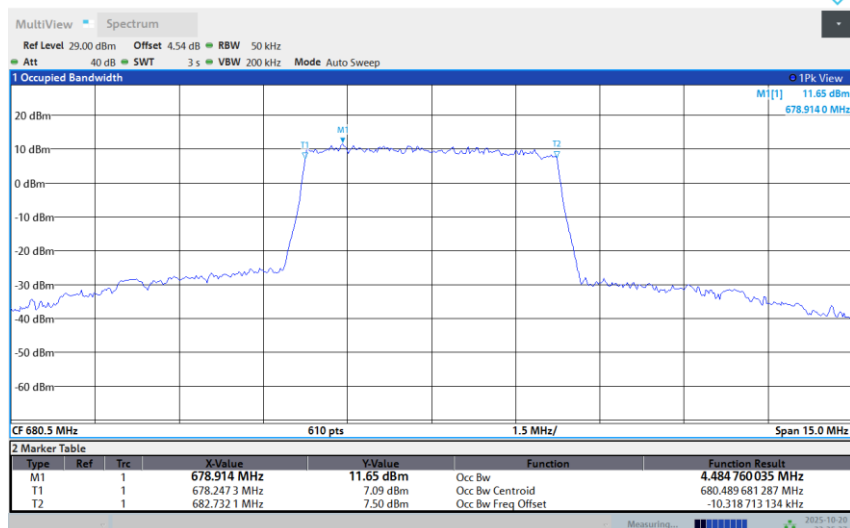
Band 71-5M-MID-QPSK-Full RB



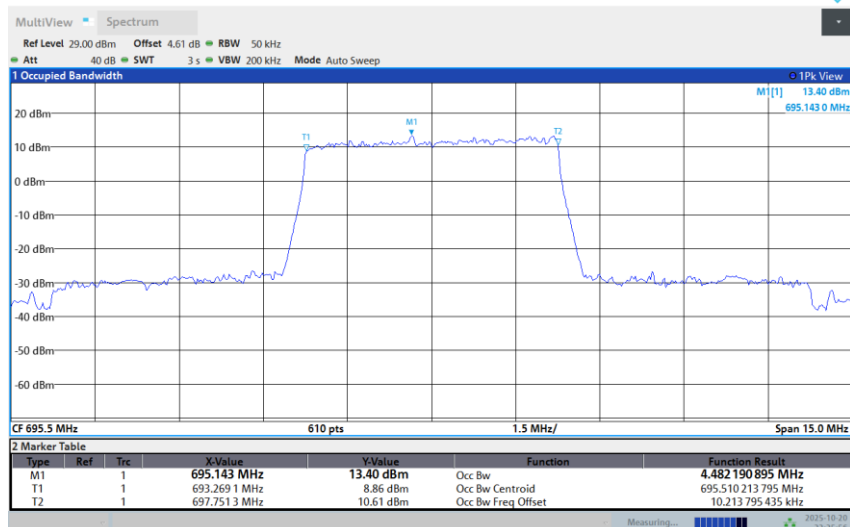
Band 71-5M-MID-16QAM-Full RB



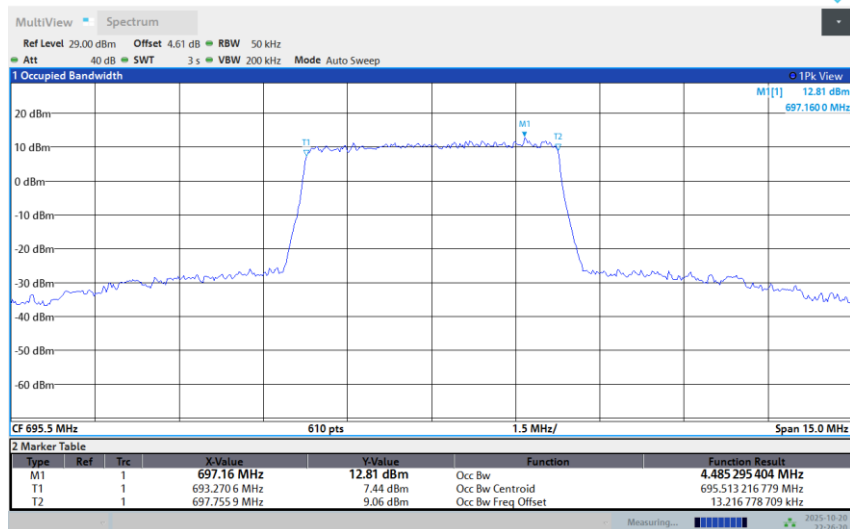
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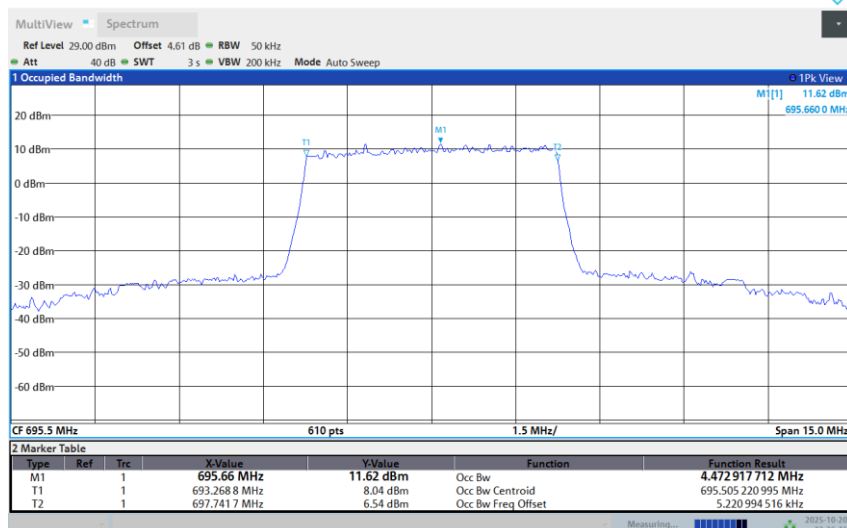
Band 71-5M-HIGH-QPSK-Full RB



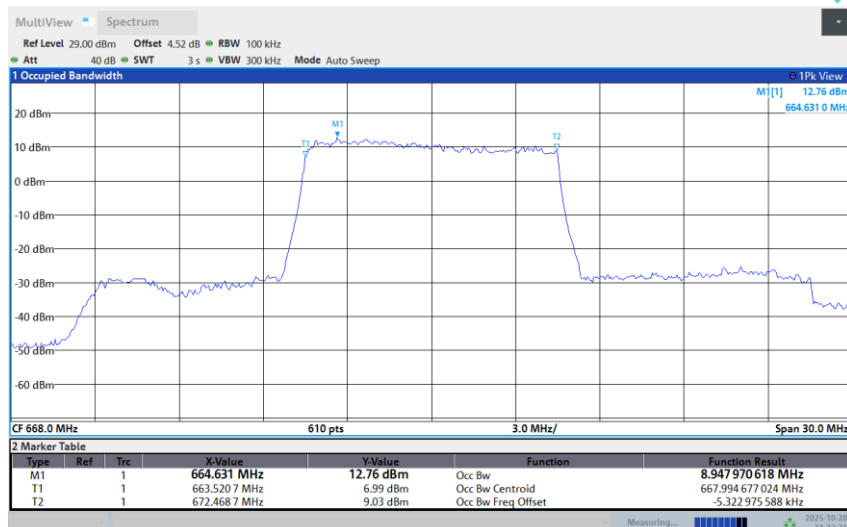
Band 71-5M-HIGH-16QAM-Full RB



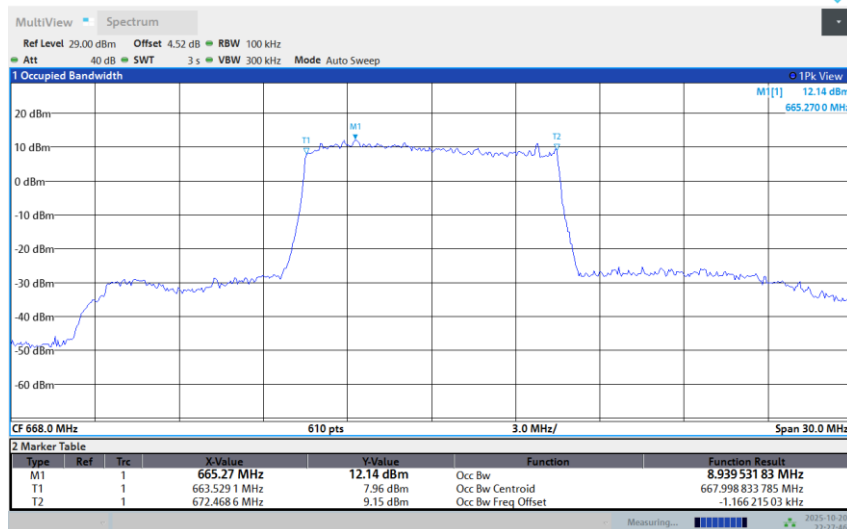
Band 71-5M-HIGH-64QAM-Full RB



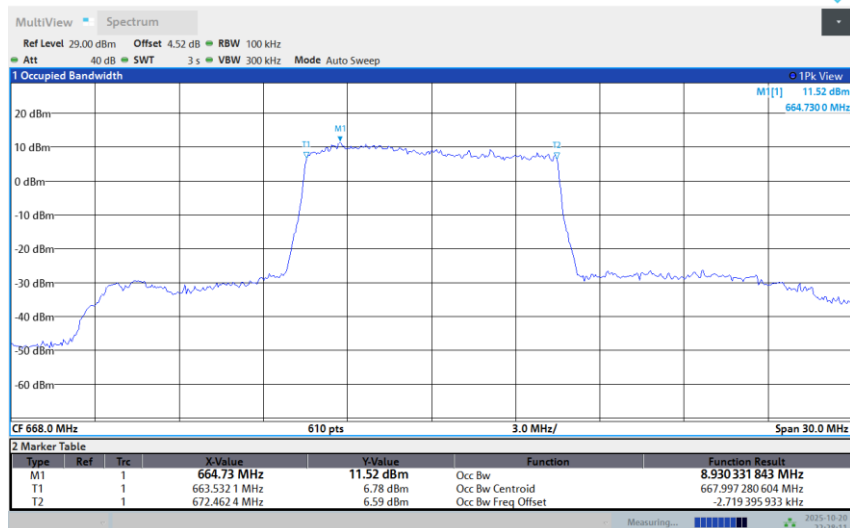
Band 71-10M-LOW-QPSK-Full RB



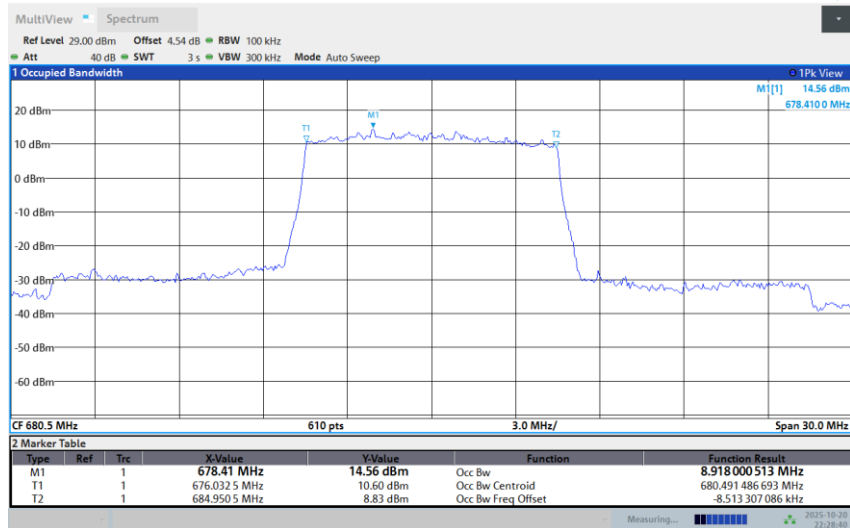
Band 71-10M-LOW-16QAM-Full RB



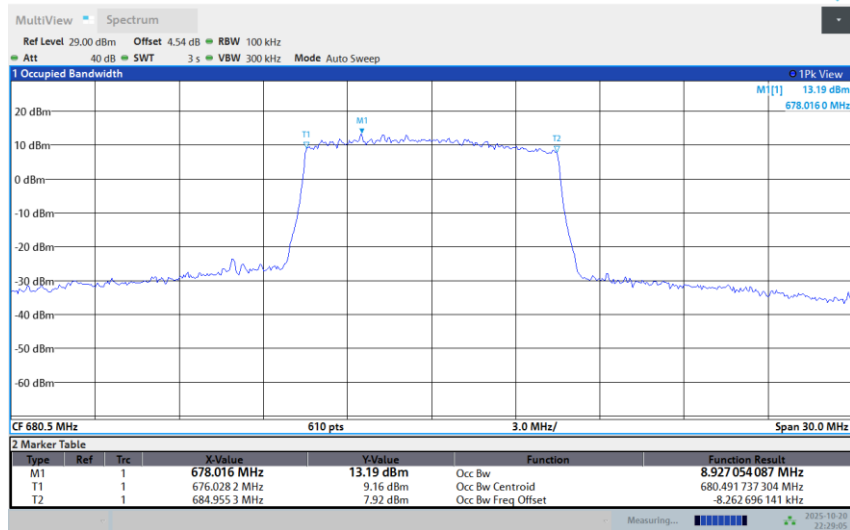
Band 71-10M-LOW-64QAM-Full RB



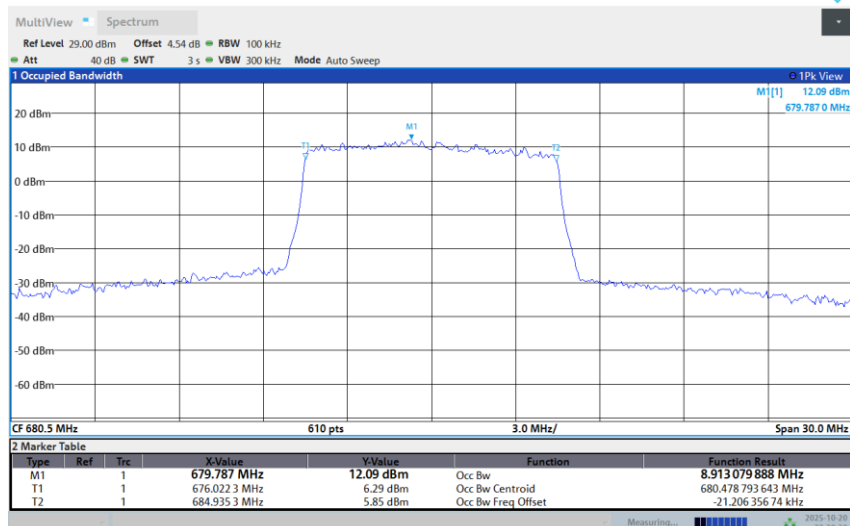
Band 71-10M-MID-QPSK-Full RB



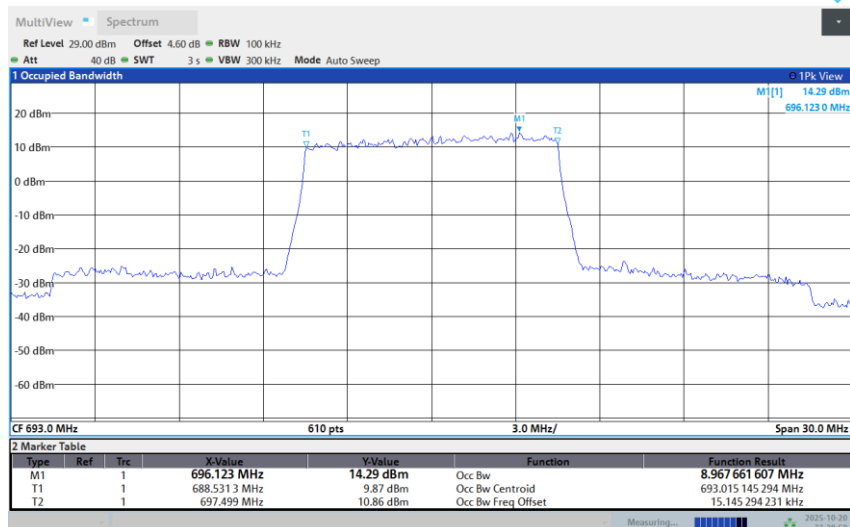
Band 71-10M-MID-16QAM-Full RB



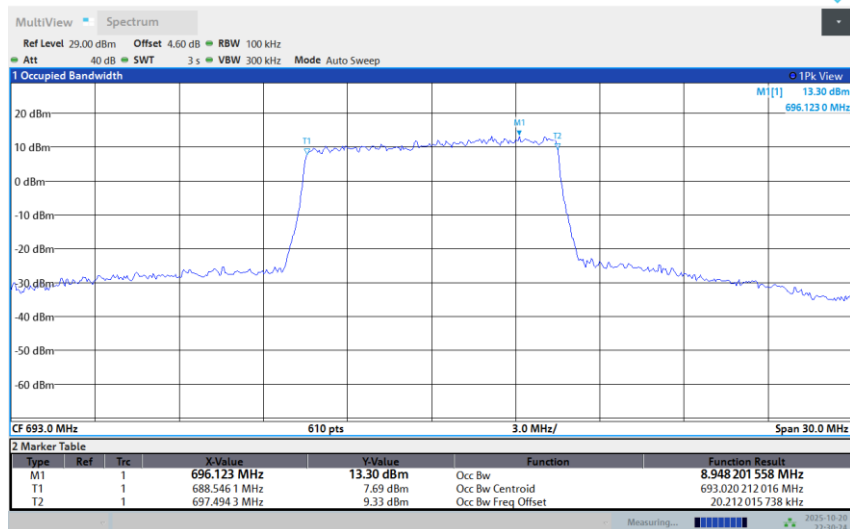
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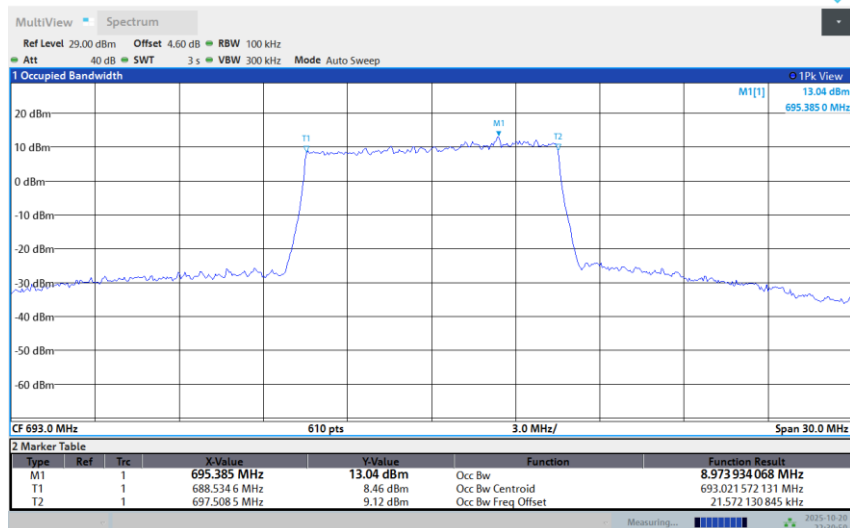
Band 71-10M-HIGH-QPSK-Full RB



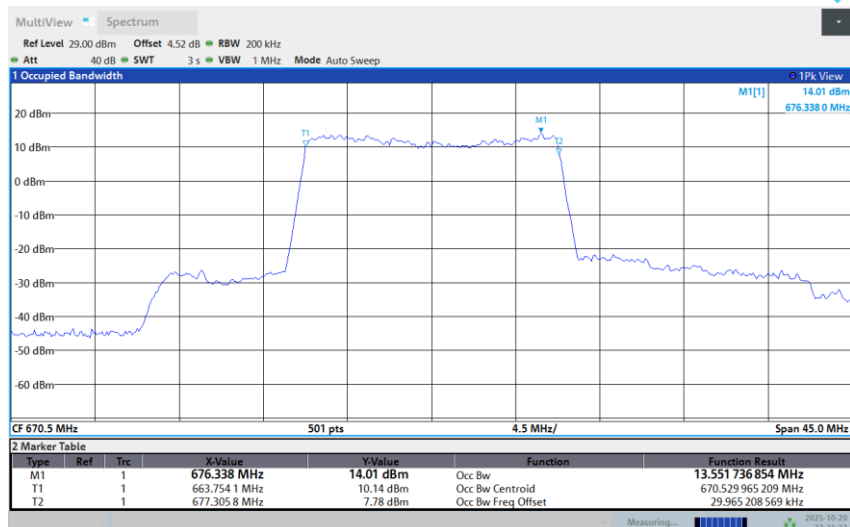
Band 71-10M-HIGH-16QAM-Full RB



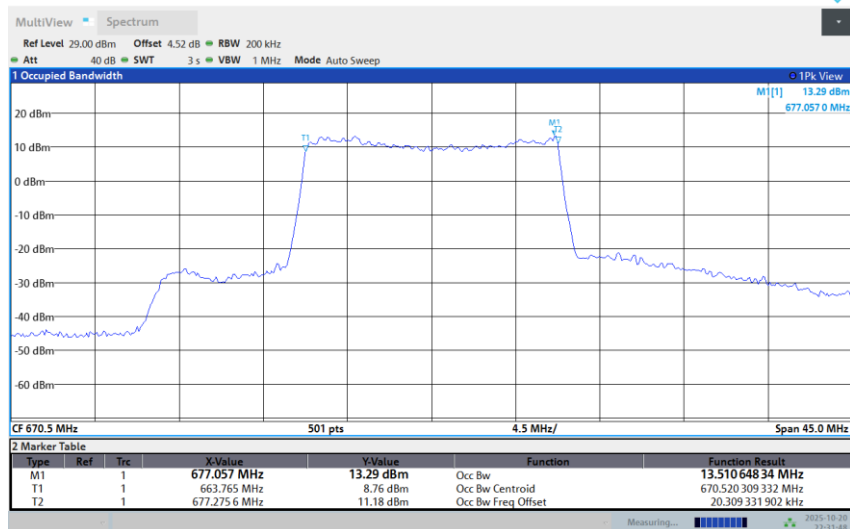
Band 71-10M-HIGH-64QAM-Full RB



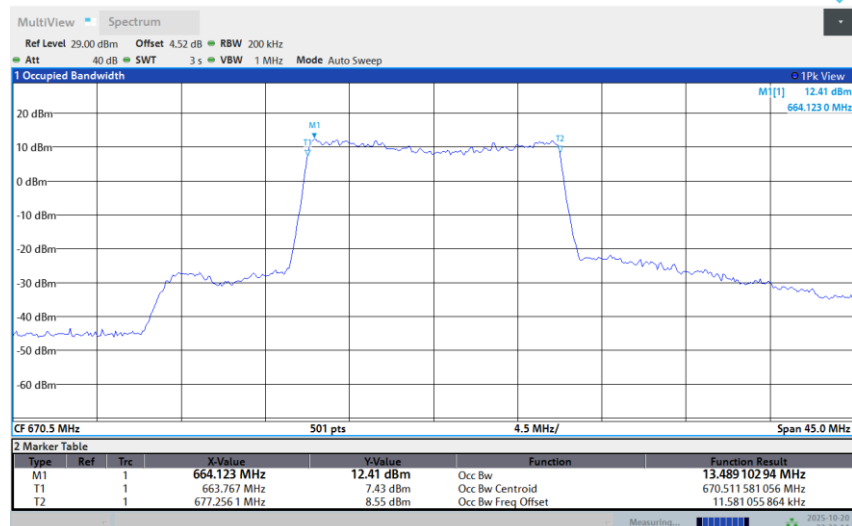
Band 71-15M-LOW-QPSK-Full RB



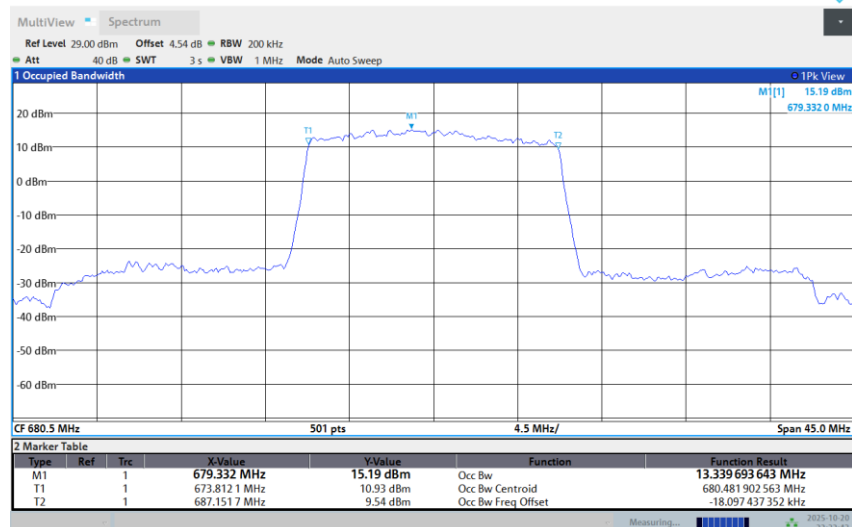
Band 71-15M-LOW-16QAM-Full RB



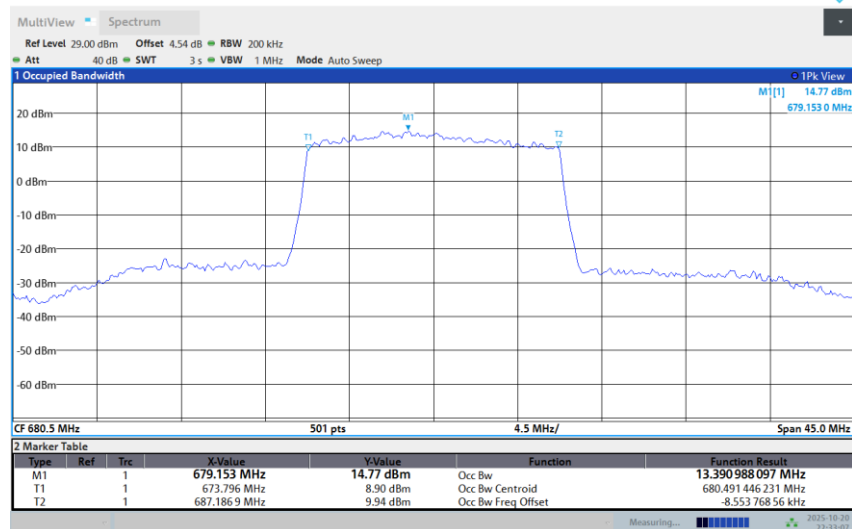
Band 71-15M-LOW-64QAM-Full RB



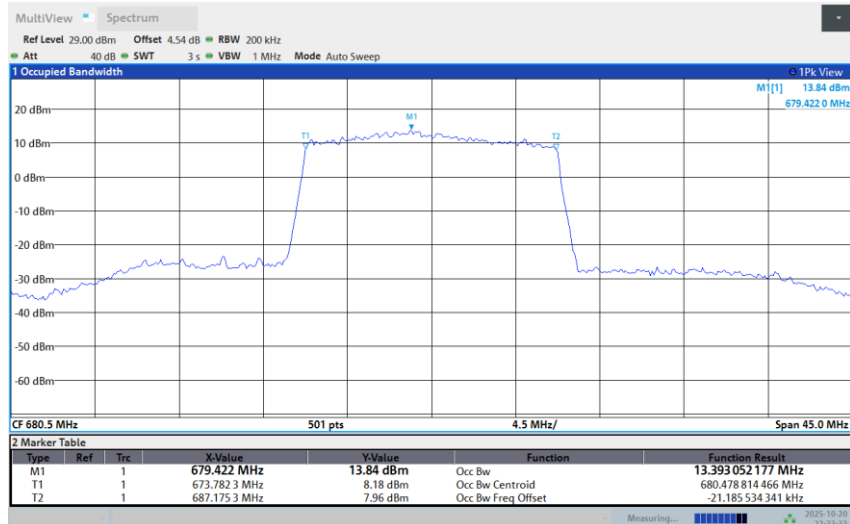
Band 71-15M-MID-QPSK-Full RB



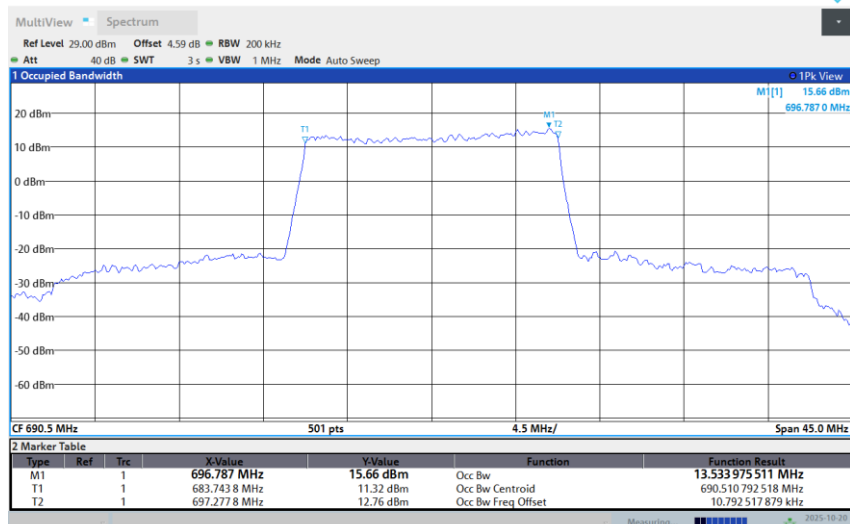
Band 71-15M-MID-16QAM-Full RB



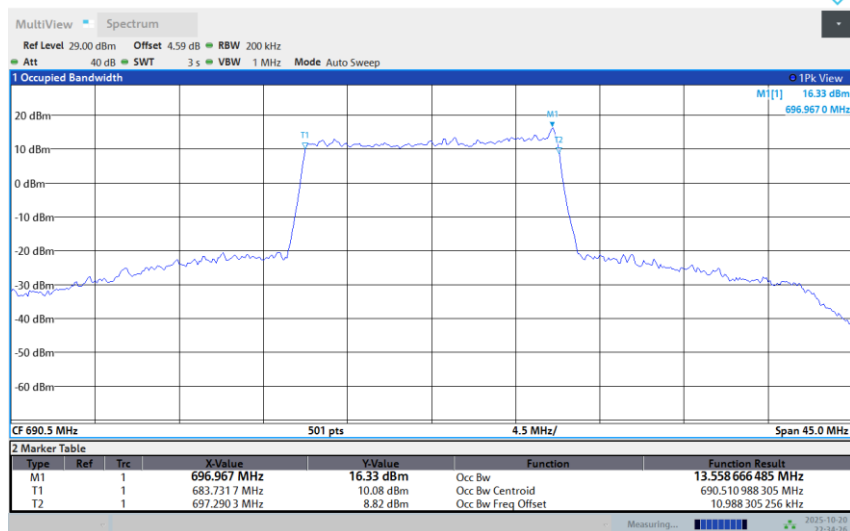
Band 71-15M-MID-64QAM-Full RB



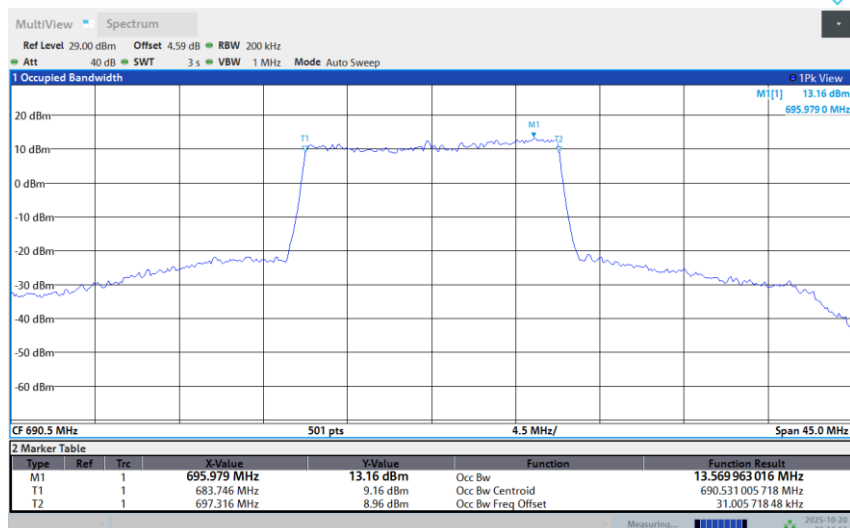
Band 71-15M-HIGH-QPSK-Full RB



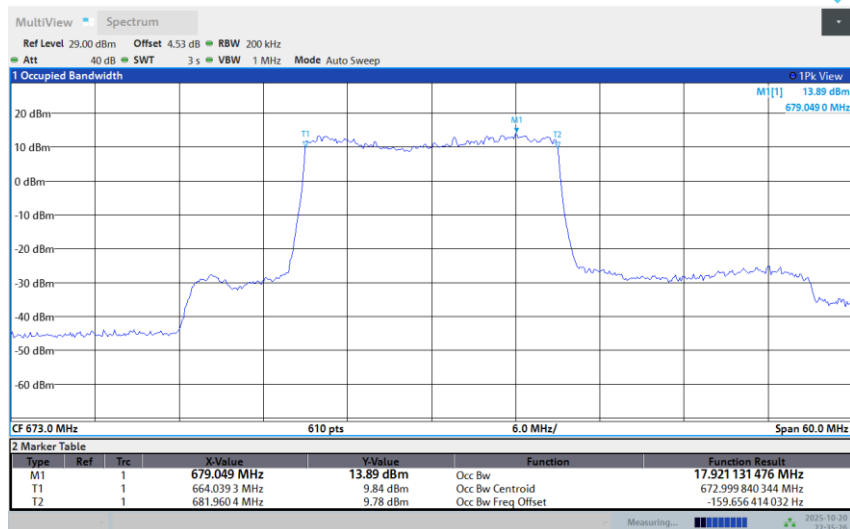
Band 71-15M-HIGH-16QAM-Full RB



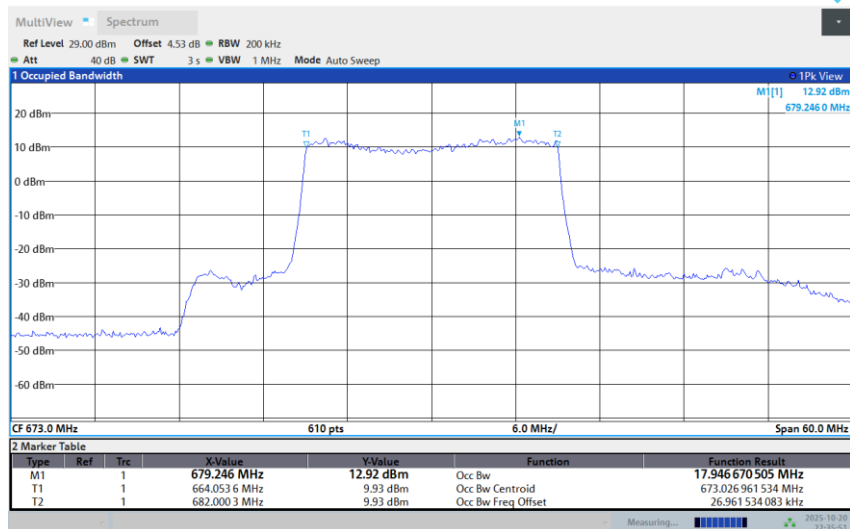
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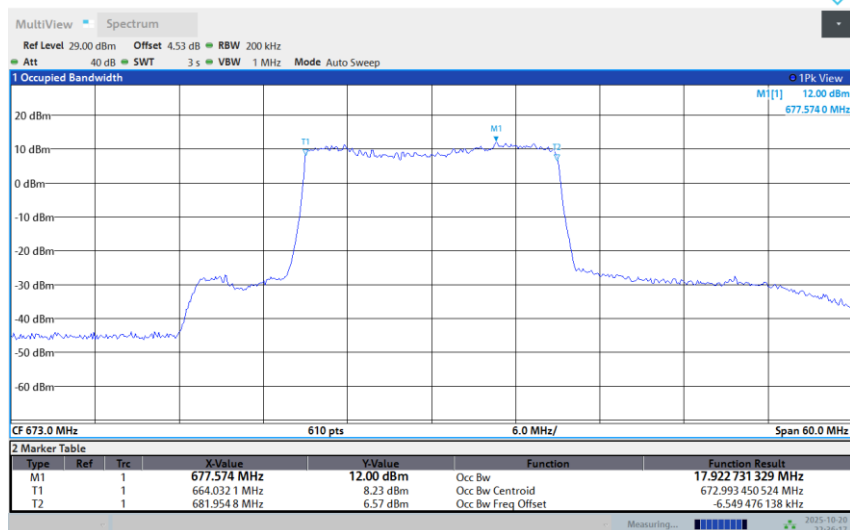
Band 71-20M-LOW-QPSK-Full RB



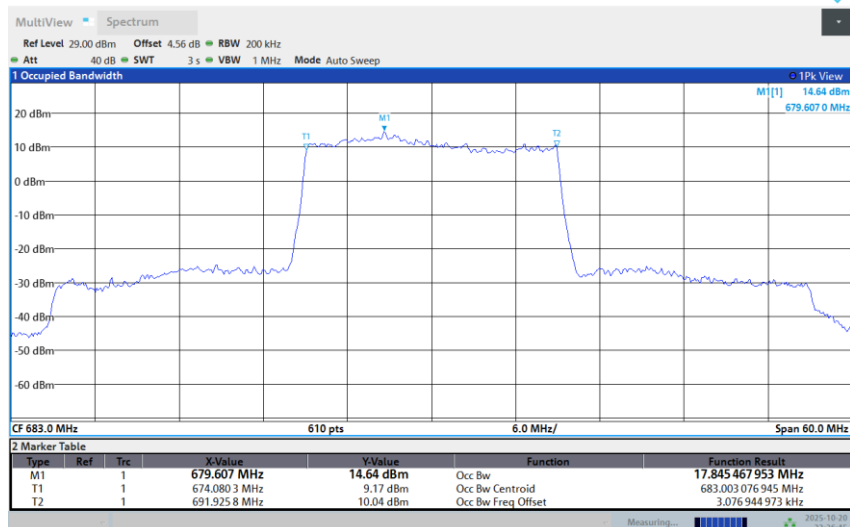
Band 71-20M-LOW-16QAM-Full RB



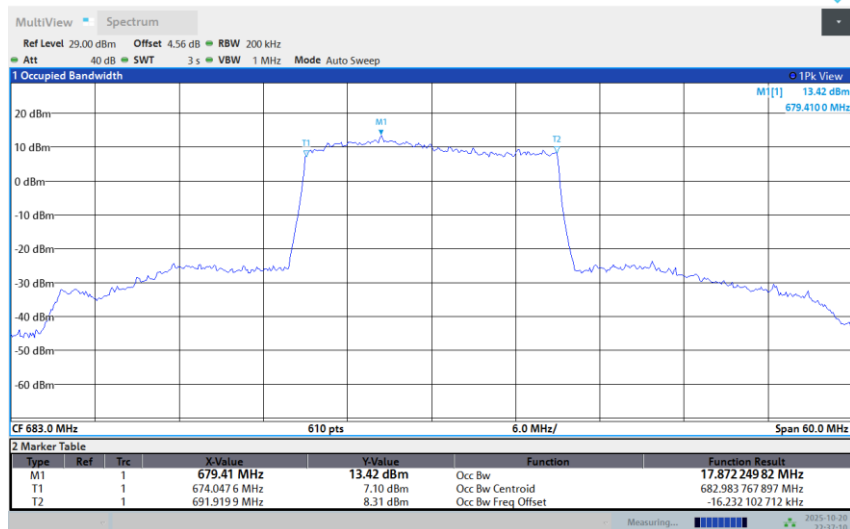
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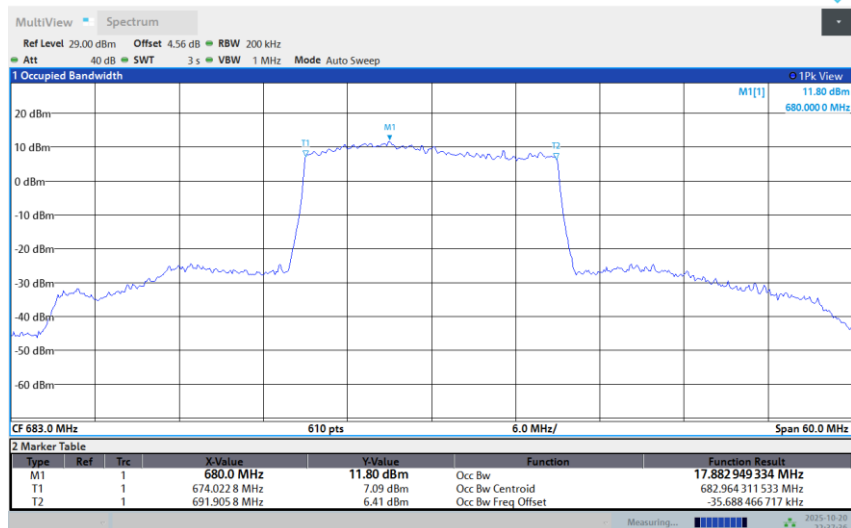
Band 71-20M-MID-QPSK-Full RB



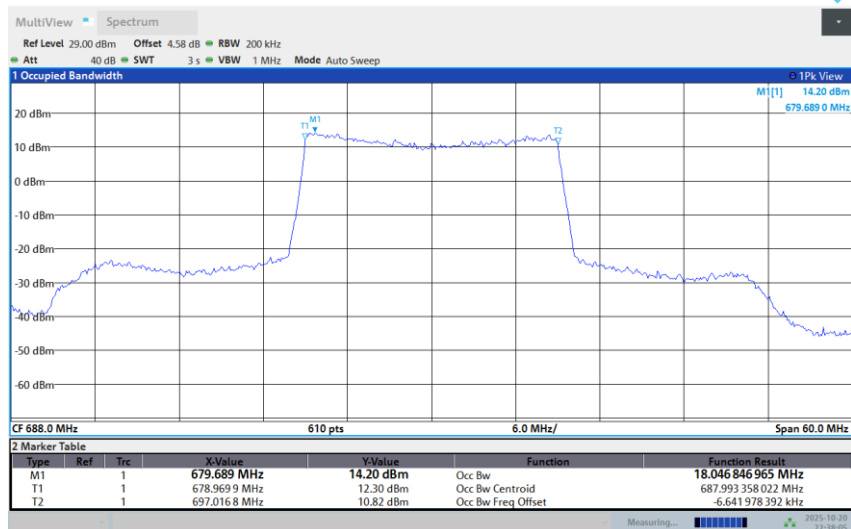
Band 71-20M-MID-16QAM-Full RB



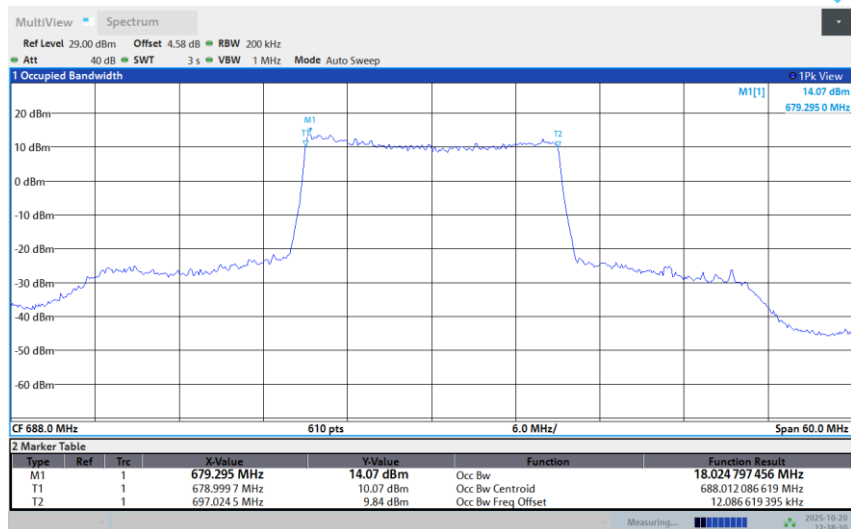
Band 71-20M-MID-64QAM-Full RB



Band 71-20M-HIGH-QPSK-Full RB



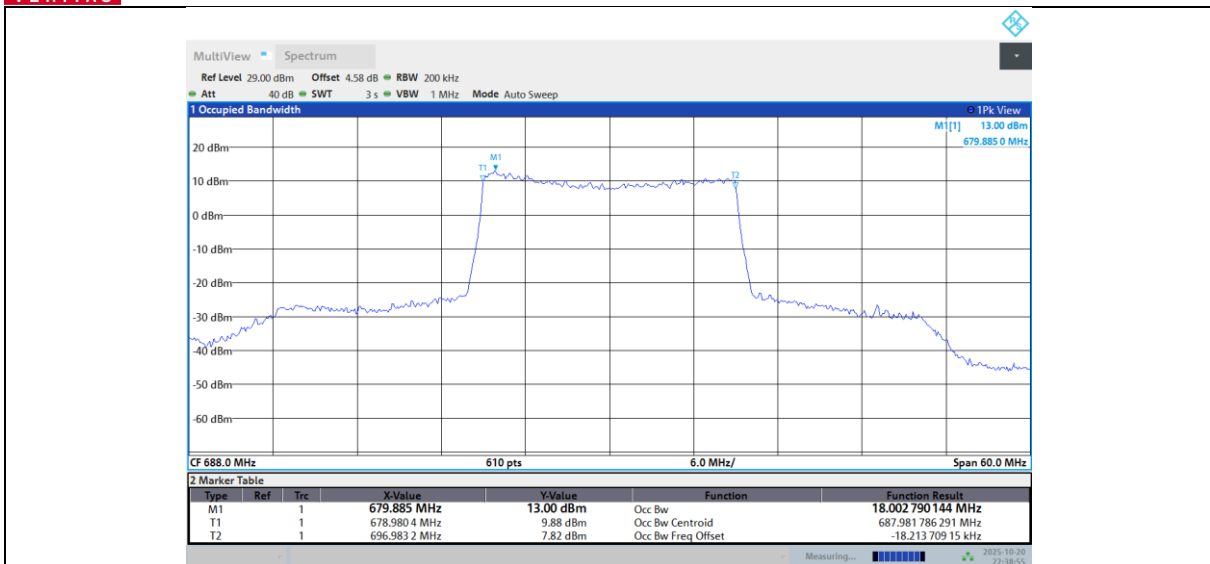
Band 71-20M-HIGH-16QAM-Full RB



Band 71-20M-HIGH-64QAM-Full RB



BUREAU VERITAS Test Report No.: PSU-NQN2509250114RF09





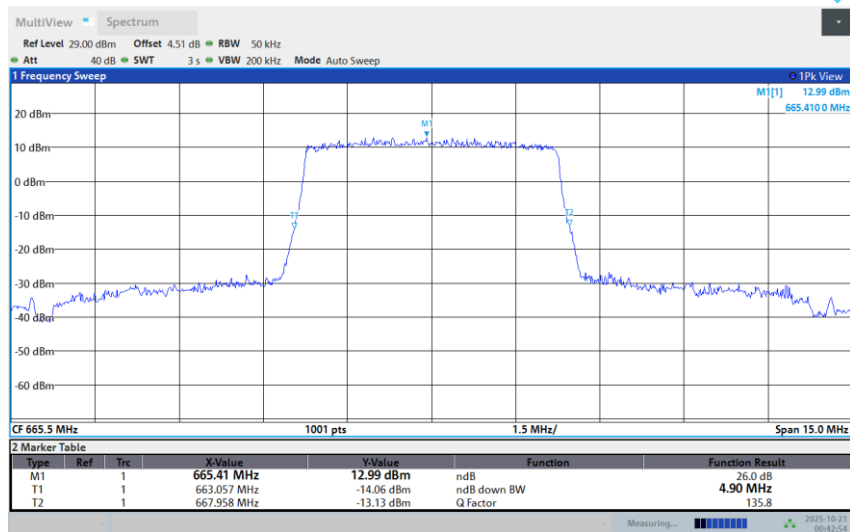
Test Result

Bandwidth	Modulation	Channel	RB Configuration	26dB Bandwidth(MHz)	Verdict
5MHz	QPSK	133147	Full RB	4.90	PASS
5MHz	16QAM	133147	Full RB	4.79	PASS
5MHz	64QAM	133147	Full RB	4.84	PASS
5MHz	QPSK	133297	Full RB	4.87	PASS
5MHz	16QAM	133297	Full RB	4.92	PASS
5MHz	64QAM	133297	Full RB	4.93	PASS
5MHz	QPSK	133447	Full RB	4.90	PASS
5MHz	16QAM	133447	Full RB	4.90	PASS
5MHz	64QAM	133447	Full RB	4.90	PASS
10MHz	QPSK	133172	Full RB	9.68	PASS
10MHz	16QAM	133172	Full RB	9.59	PASS
10MHz	64QAM	133172	Full RB	9.59	PASS
10MHz	QPSK	133297	Full RB	9.56	PASS
10MHz	16QAM	133297	Full RB	9.62	PASS
10MHz	64QAM	133297	Full RB	9.59	PASS
10MHz	QPSK	133422	Full RB	9.74	PASS
10MHz	16QAM	133422	Full RB	9.71	PASS
10MHz	64QAM	133422	Full RB	9.65	PASS
15MHz	QPSK	133197	Full RB	14.70	PASS
15MHz	16QAM	133197	Full RB	14.56	PASS
15MHz	64QAM	133197	Full RB	14.61	PASS
15MHz	QPSK	133297	Full RB	14.39	PASS
15MHz	16QAM	133297	Full RB	14.43	PASS
15MHz	64QAM	133297	Full RB	14.43	PASS
15MHz	QPSK	133397	Full RB	14.65	PASS
15MHz	16QAM	133397	Full RB	14.52	PASS
15MHz	64QAM	133397	Full RB	14.61	PASS
20MHz	QPSK	133222	Full RB	19.00	PASS
20MHz	16QAM	133222	Full RB	19.12	PASS
20MHz	64QAM	133222	Full RB	19.18	PASS
20MHz	QPSK	133322	Full RB	18.94	PASS
20MHz	16QAM	133322	Full RB	19.06	PASS
20MHz	64QAM	133322	Full RB	19.00	PASS
20MHz	QPSK	133372	Full RB	19.36	PASS
20MHz	16QAM	133372	Full RB	19.30	PASS
20MHz	64QAM	133372	Full RB	19.18	PASS

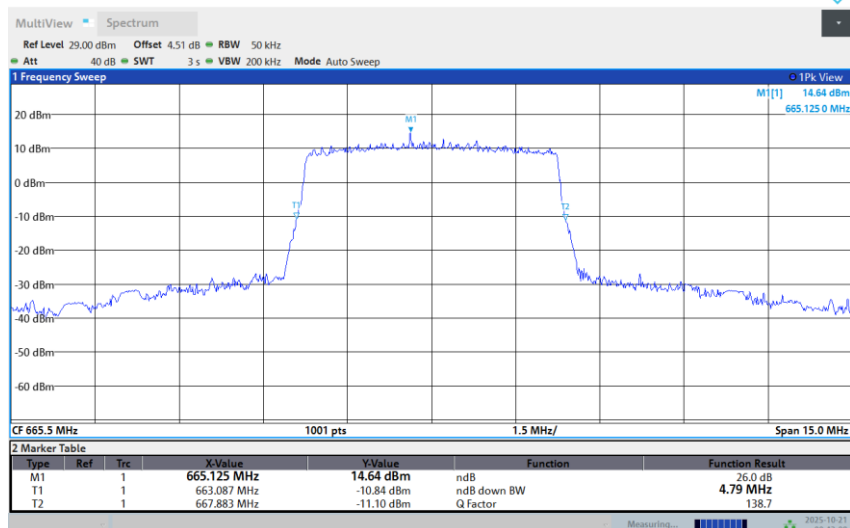


Test Graphs

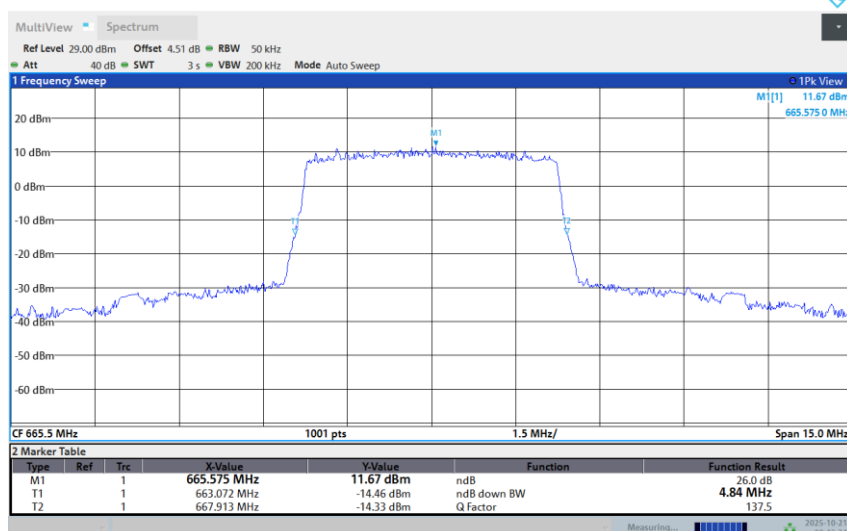
Band 71-5M-LOW-QPSK-Full RB



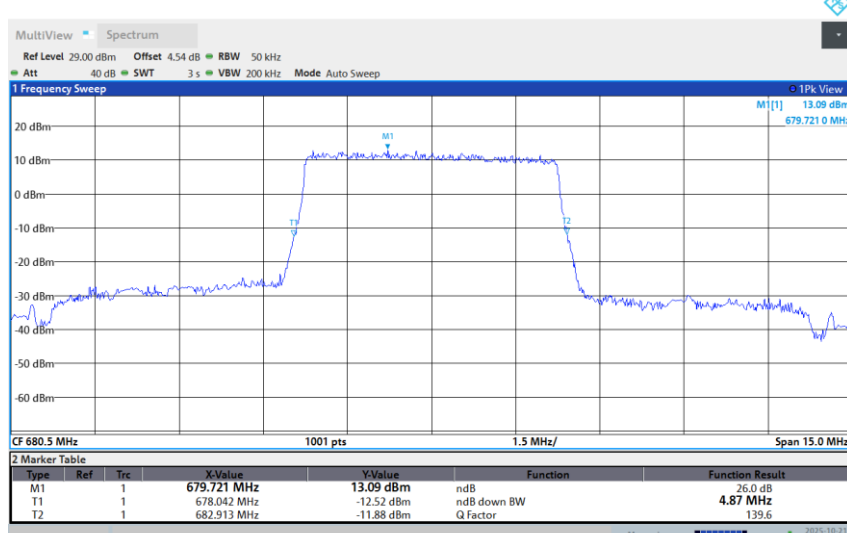
Band 71-5M-LOW-16QAM-Full RB



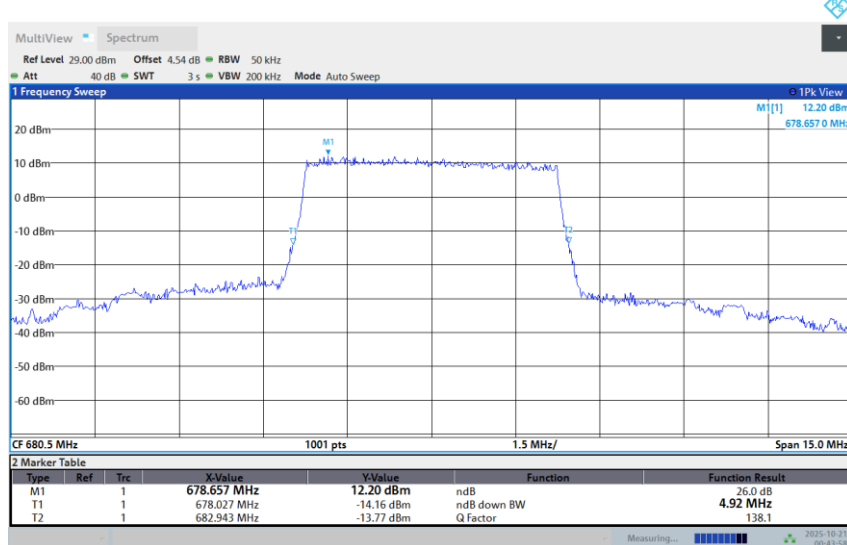
Band 71-5M-LOW-64QAM-Full RB



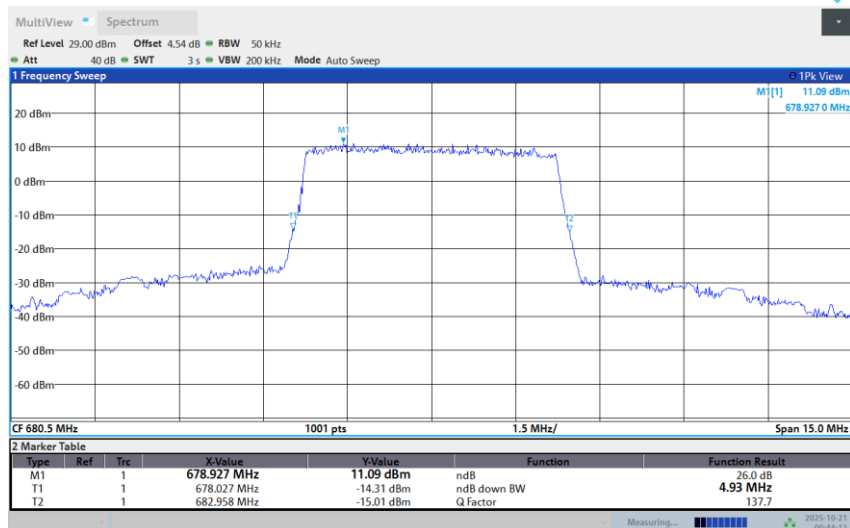
Band 71-5M-MID-QPSK-Full RB



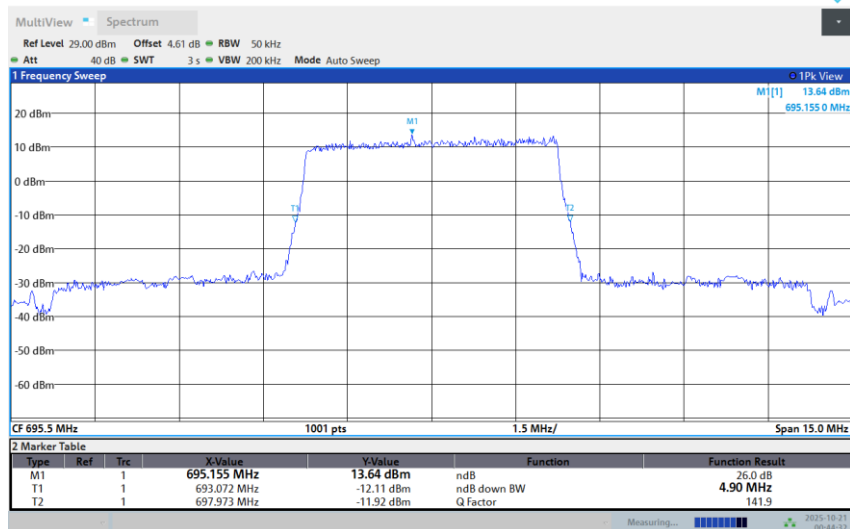
Band 71-5M-MID-16QAM-Full RB



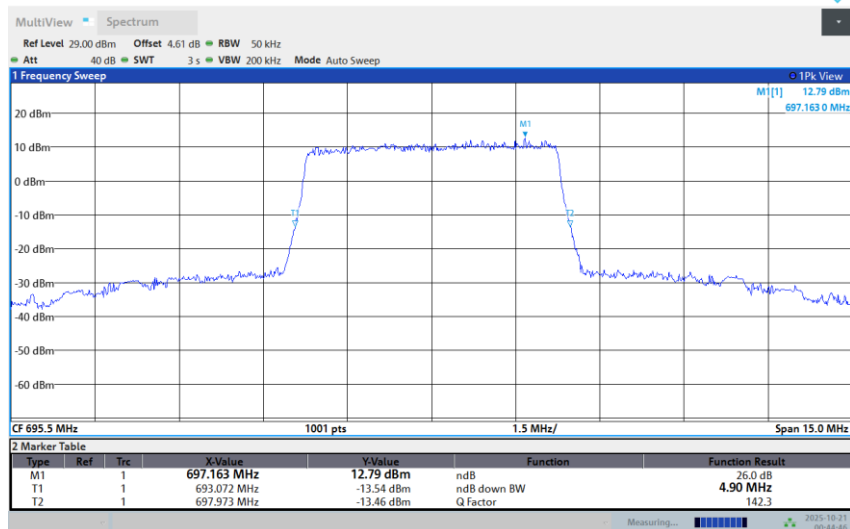
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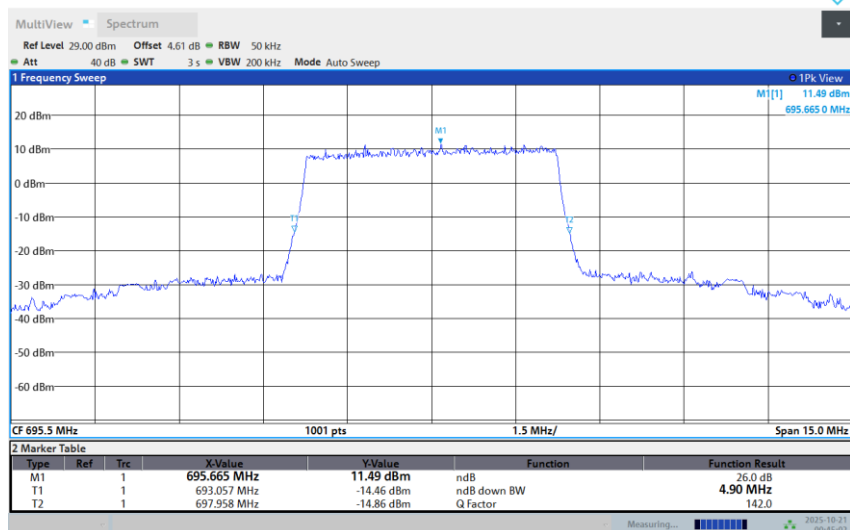
Band 71-5M-HIGH-QPSK-Full RB



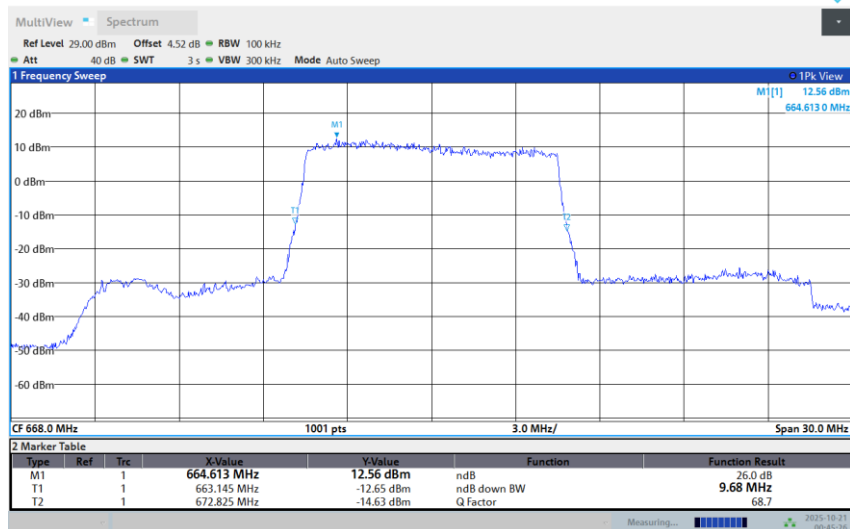
Band 71-5M-HIGH-16QAM-Full RB



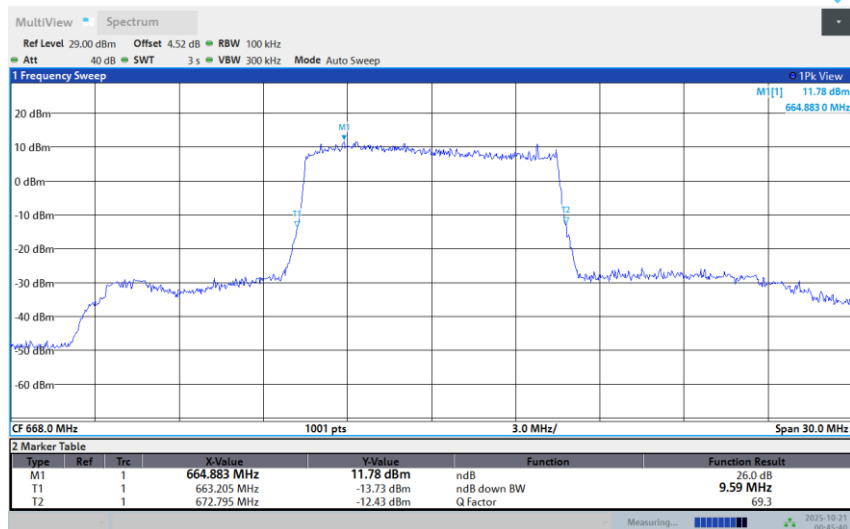
Band 71-5M-HIGH-64QAM-Full RB



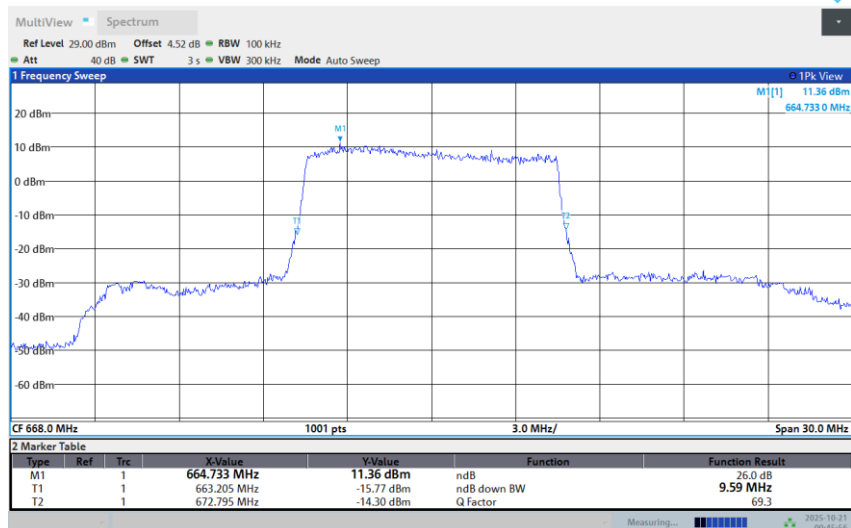
Band 71-10M-LOW-QPSK-Full RB



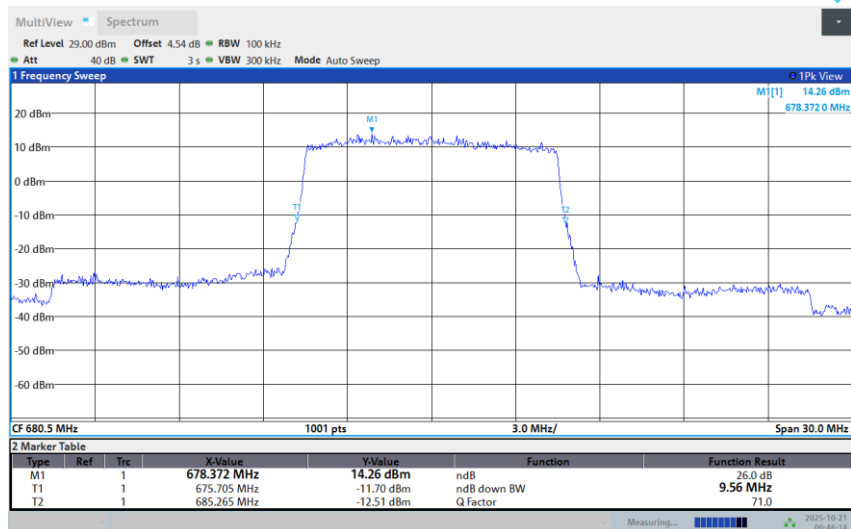
Band 71-10M-LOW-16QAM-Full RB



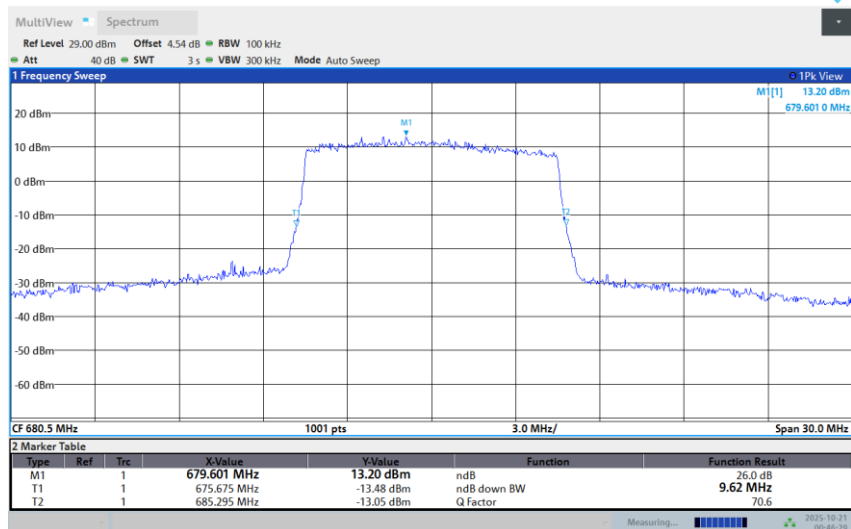
Band 71-10M-LOW-64QAM-Full RB



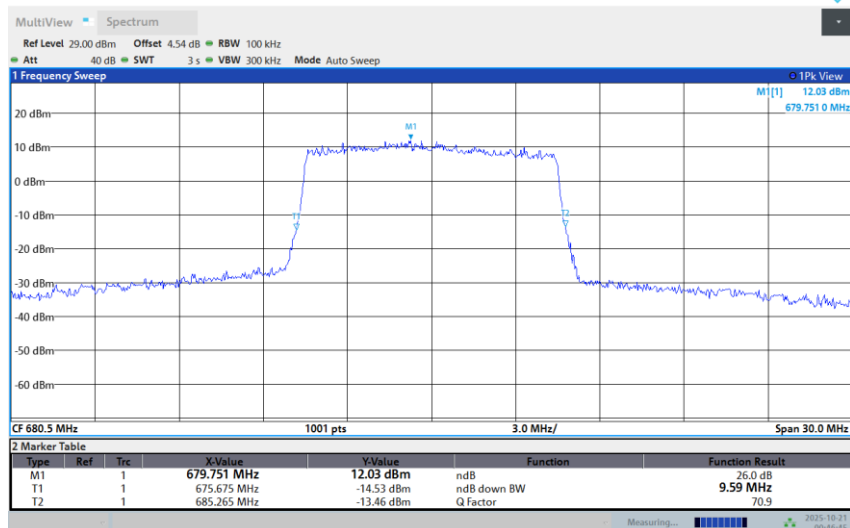
Band 71-10M-MID-QPSK-Full RB



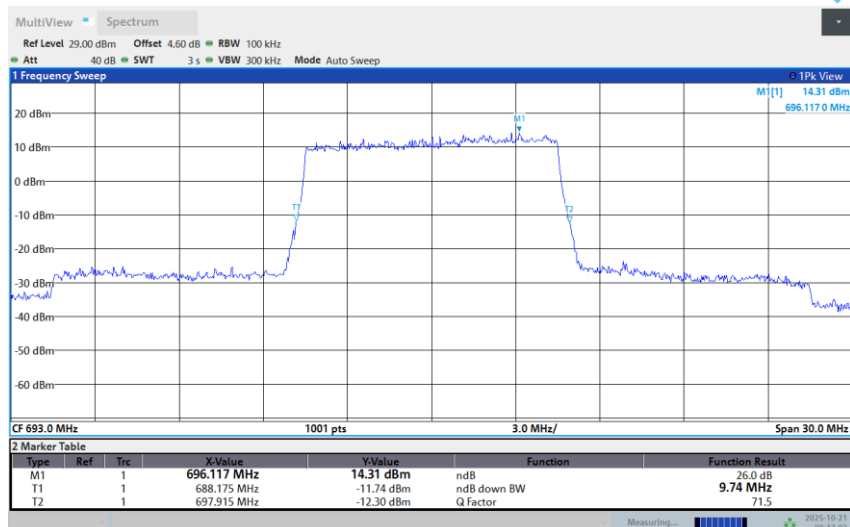
Band 71-10M-MID-16QAM-Full RB



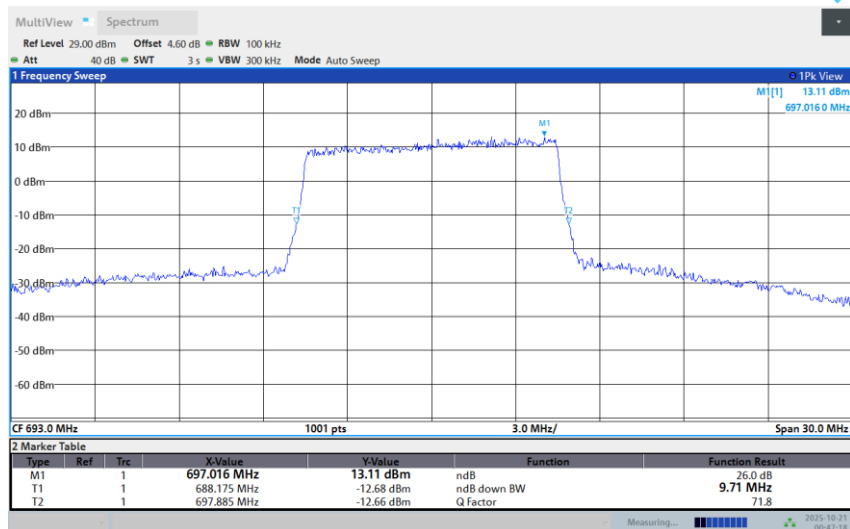
Band 71-10M-MID-64QAM-Full RB



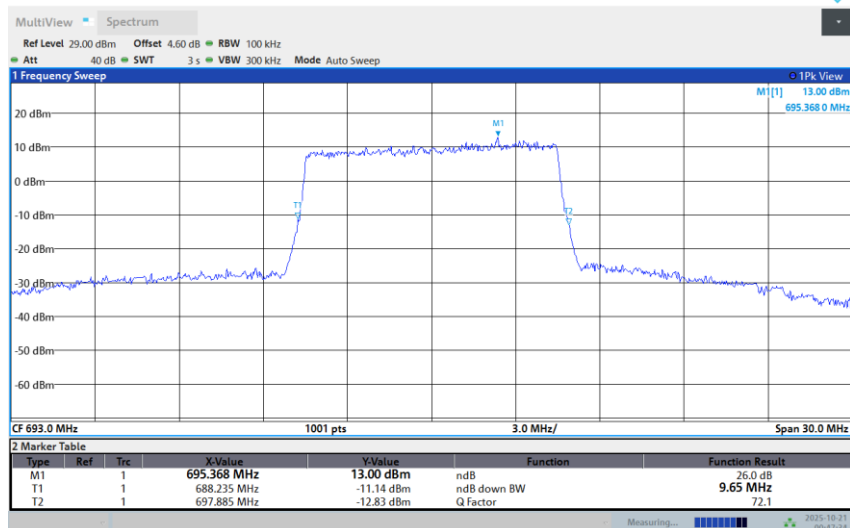
Band 71-10M-HIGH-QPSK-Full RB



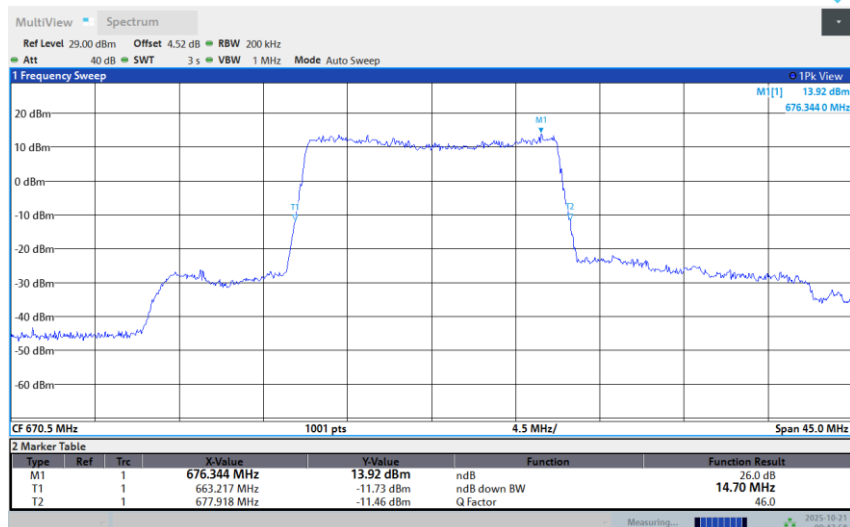
Band 71-10M-HIGH-16QAM-Full RB



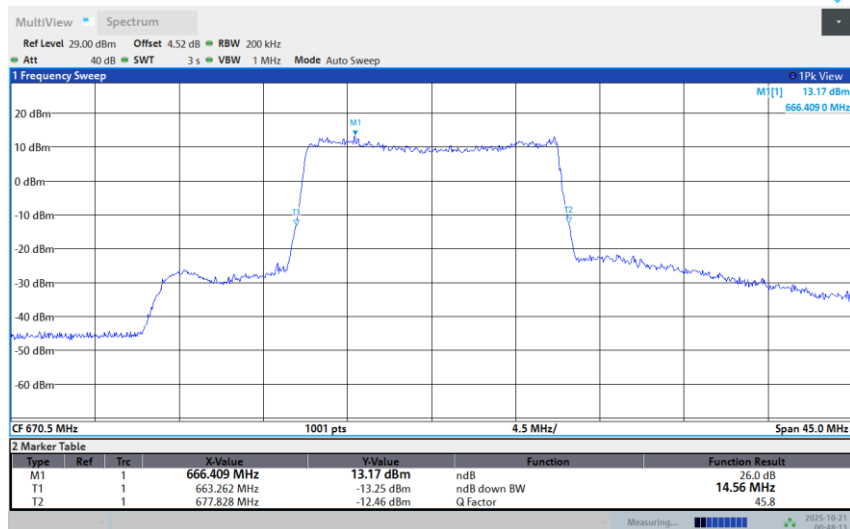
Band 71-10M-HIGH-64QAM-Full RB



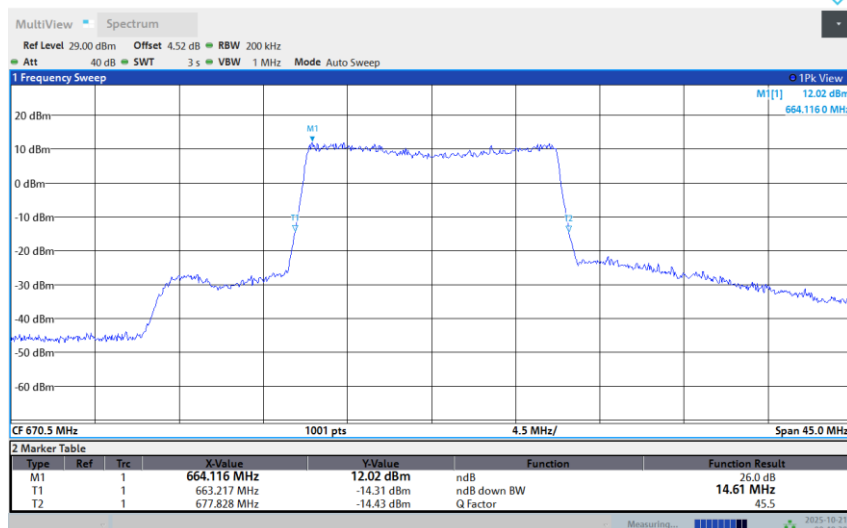
Band 71-15M-LOW-QPSK-Full RB



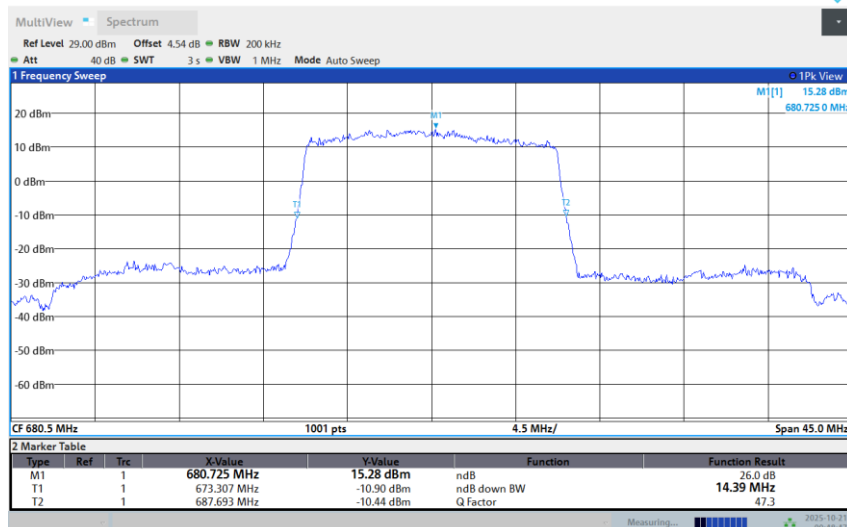
Band 71-15M-LOW-16QAM-Full RB



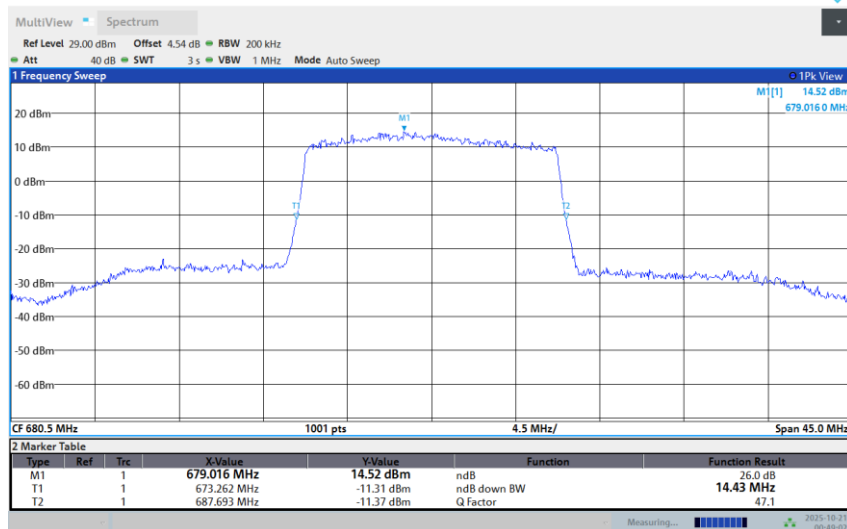
Band 71-15M-LOW-64QAM-Full RB



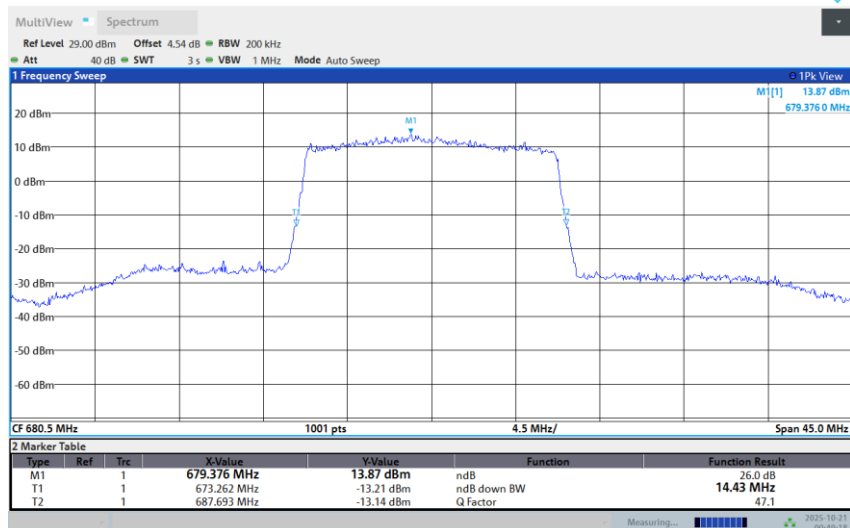
Band 71-15M-MID-QPSK-Full RB



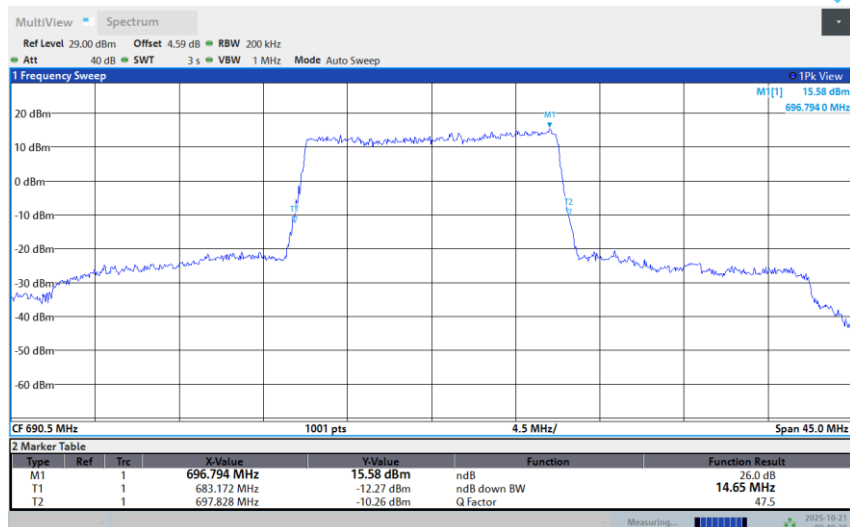
Band 71-15M-MID-16QAM-Full RB



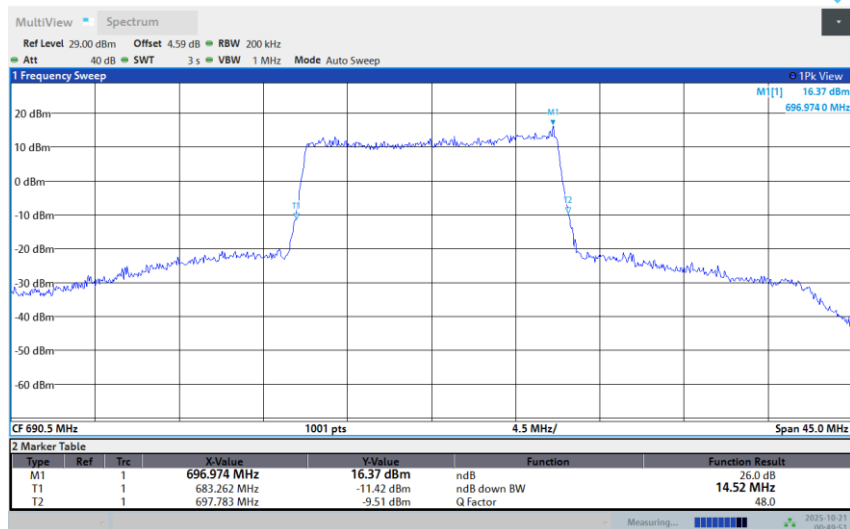
Band 71-15M-MID-64QAM-Full RB



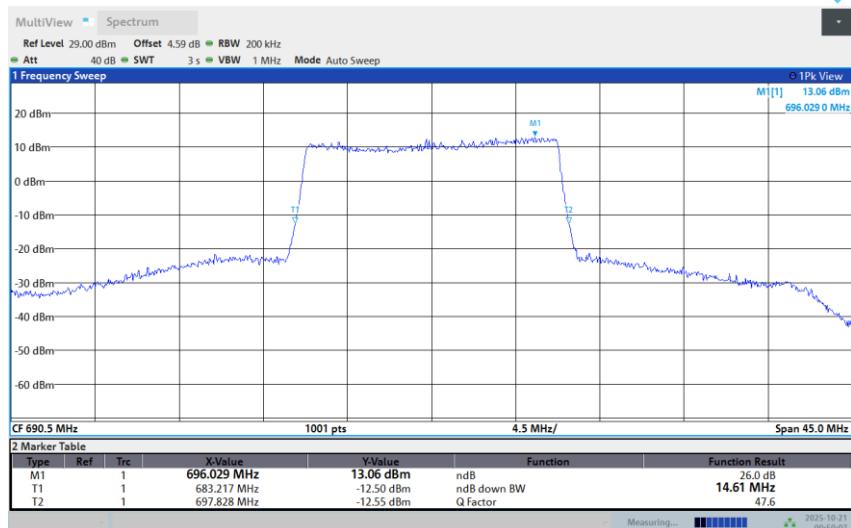
Band 71-15M-HIGH-QPSK-Full RB



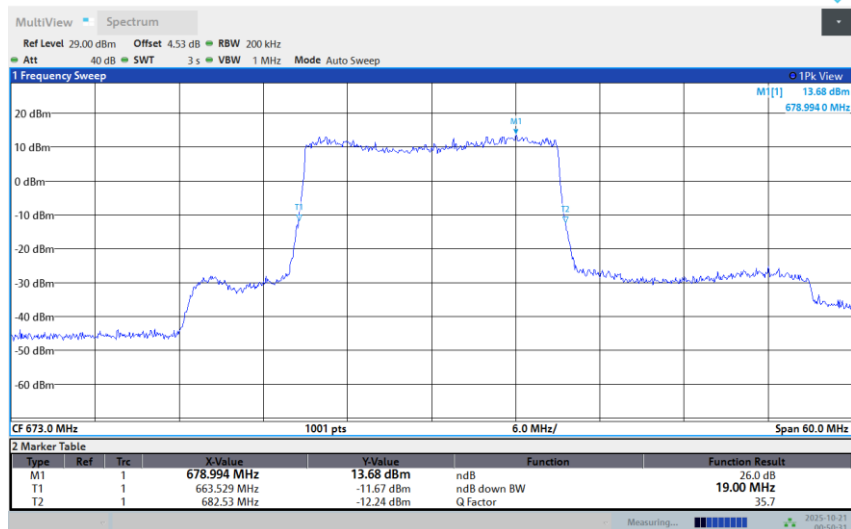
Band 71-15M-HIGH-16QAM-Full RB



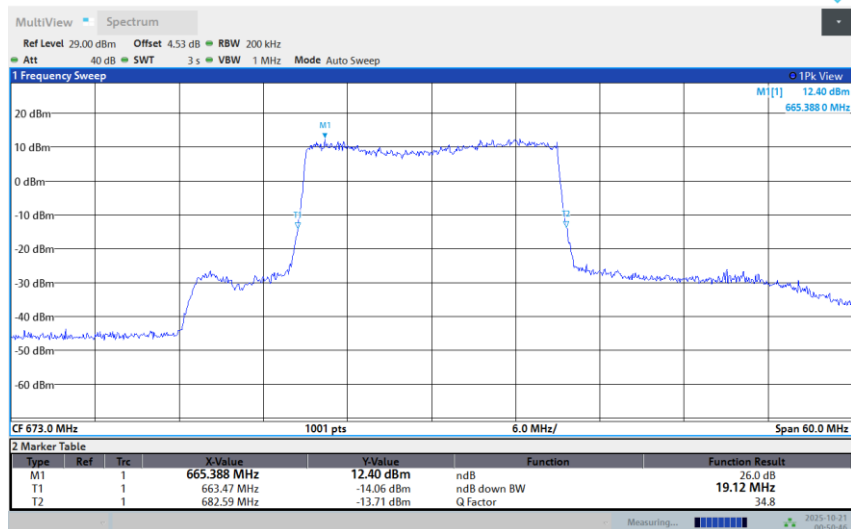
Band 71-15M-HIGH-64QAM-Full RB



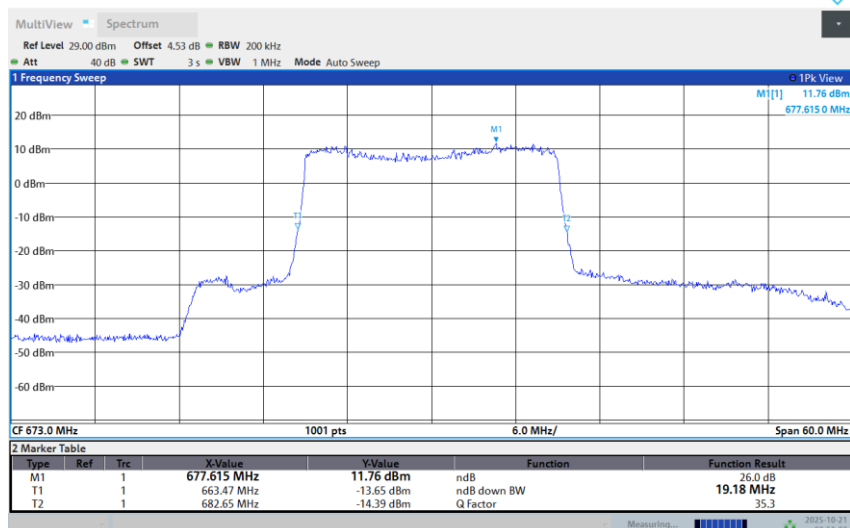
Band 71-20M-LOW-QPSK-Full RB



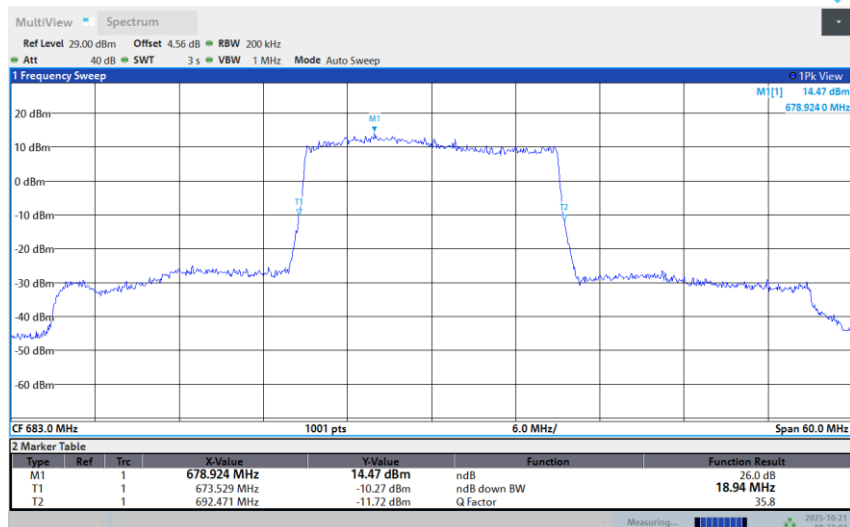
Band 71-20M-LOW-16QAM-Full RB



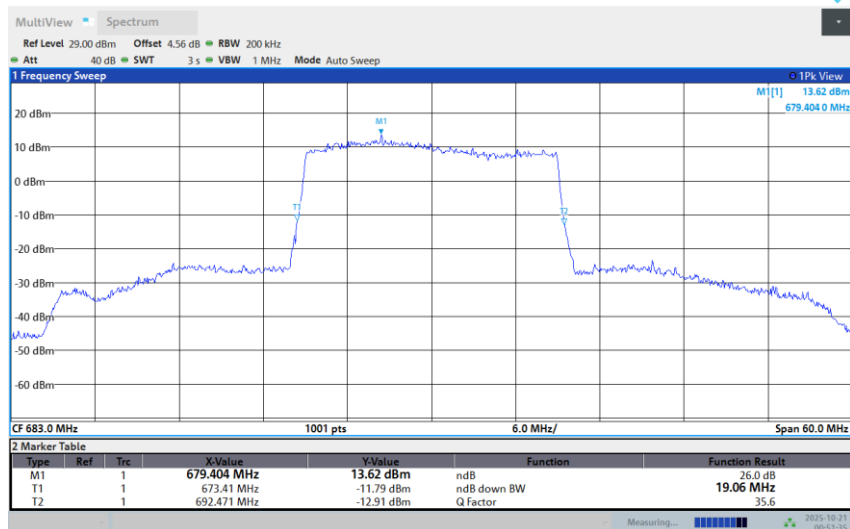
Band 71-20M-LOW-64QAM-Full RB



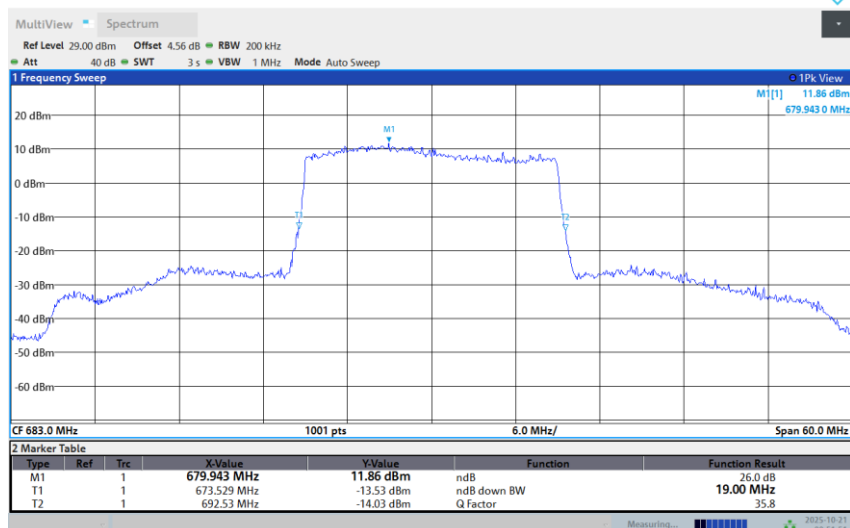
Band 71-20M-MID-QPSK-Full RB



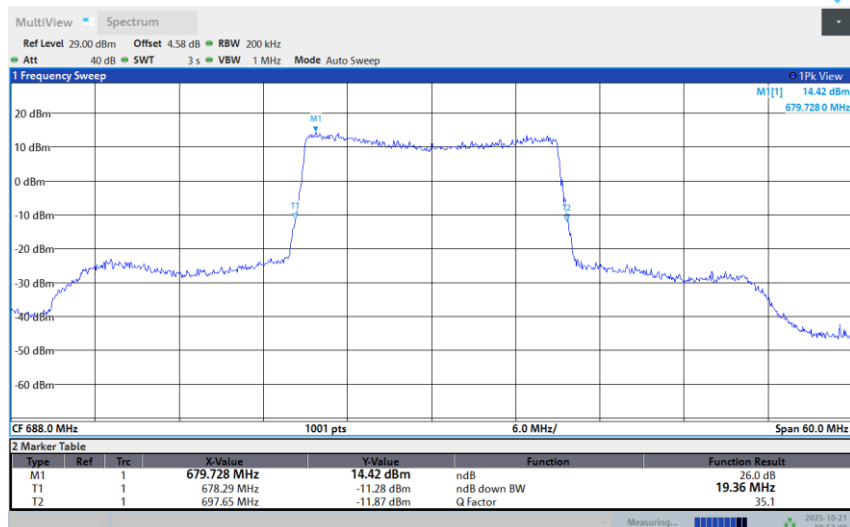
Band 71-20M-MID-16QAM-Full RB



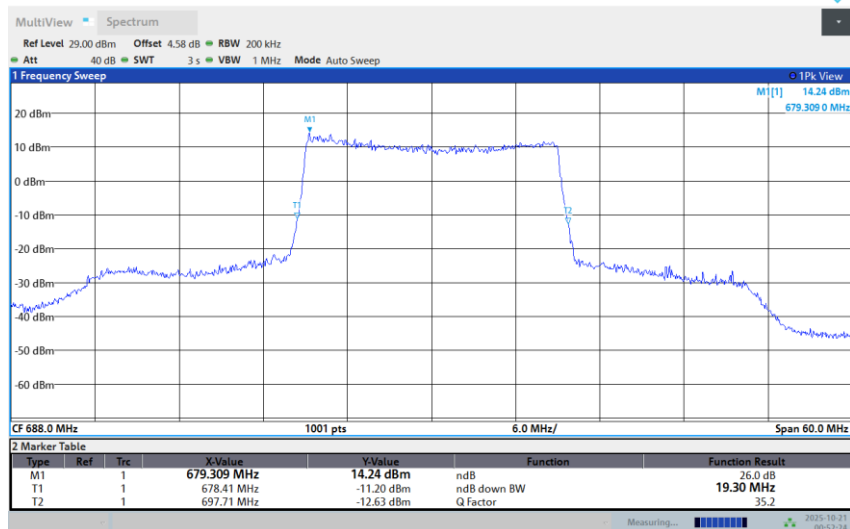
Band 71-20M-MID-64QAM-Full RB



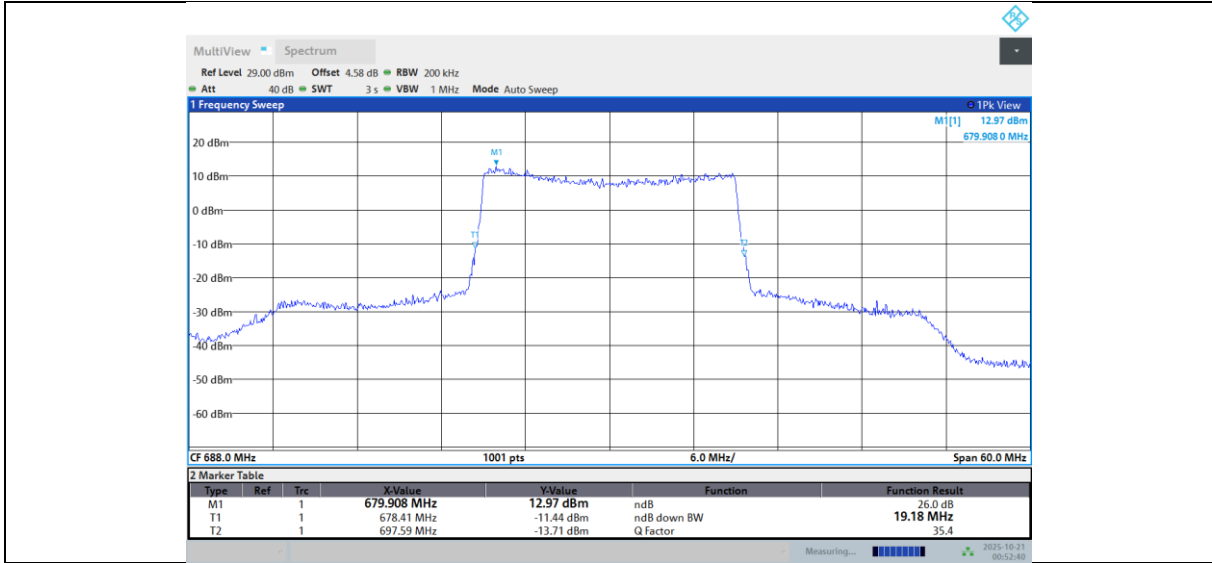
Band 71-20M-HIGH-QPSK-Full RB



Band 71-20M-HIGH-16QAM-Full RB



Band 71-20M-HIGH-64QAM-Full RB





Band Edge

Test Result

Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
5MHz	QPSK	133147	1RB Low	See Graph	PASS
5MHz	QPSK	133147	1RB High	See Graph	PASS
5MHz	QPSK	133147	Full RB	See Graph	PASS
5MHz	16QAM	133147	1RB Low	See Graph	PASS
5MHz	16QAM	133147	1RB High	See Graph	PASS
5MHz	16QAM	133147	Full RB	See Graph	PASS
5MHz	64QAM	133147	1RB Low	See Graph	PASS
5MHz	64QAM	133147	1RB High	See Graph	PASS
5MHz	64QAM	133147	Full RB	See Graph	PASS
5MHz	QPSK	133447	1RB Low	See Graph	PASS
5MHz	QPSK	133447	1RB High	See Graph	PASS
5MHz	QPSK	133447	Full RB	See Graph	PASS
5MHz	16QAM	133447	1RB Low	See Graph	PASS
5MHz	16QAM	133447	1RB High	See Graph	PASS
5MHz	16QAM	133447	Full RB	See Graph	PASS
5MHz	64QAM	133447	1RB Low	See Graph	PASS
5MHz	64QAM	133447	1RB High	See Graph	PASS
5MHz	64QAM	133447	Full RB	See Graph	PASS
10MHz	QPSK	133172	1RB Low	See Graph	PASS
10MHz	QPSK	133172	1RB High	See Graph	PASS
10MHz	QPSK	133172	Full RB	See Graph	PASS
10MHz	16QAM	133172	1RB Low	See Graph	PASS
10MHz	16QAM	133172	1RB High	See Graph	PASS
10MHz	16QAM	133172	Full RB	See Graph	PASS
10MHz	64QAM	133172	1RB Low	See Graph	PASS
10MHz	64QAM	133172	1RB High	See Graph	PASS
10MHz	64QAM	133172	Full RB	See Graph	PASS
10MHz	QPSK	133422	1RB Low	See Graph	PASS
10MHz	QPSK	133422	1RB High	See Graph	PASS
10MHz	QPSK	133422	Full RB	See Graph	PASS
10MHz	16QAM	133422	1RB Low	See Graph	PASS
10MHz	16QAM	133422	1RB High	See Graph	PASS
10MHz	16QAM	133422	Full RB	See Graph	PASS
10MHz	64QAM	133422	1RB Low	See Graph	PASS
10MHz	64QAM	133422	1RB High	See Graph	PASS
10MHz	64QAM	133422	Full RB	See Graph	PASS
15MHz	QPSK	133197	1RB Low	See Graph	PASS
15MHz	QPSK	133197	1RB High	See Graph	PASS
15MHz	QPSK	133197	Full RB	See Graph	PASS
15MHz	16QAM	133197	1RB Low	See Graph	PASS
15MHz	16QAM	133197	1RB High	See Graph	PASS
15MHz	16QAM	133197	Full RB	See Graph	PASS
15MHz	64QAM	133197	1RB Low	See Graph	PASS
15MHz	64QAM	133197	1RB High	See Graph	PASS
15MHz	64QAM	133197	Full RB	See Graph	PASS
15MHz	QPSK	133397	1RB Low	See Graph	PASS
15MHz	QPSK	133397	1RB High	See Graph	PASS
15MHz	QPSK	133397	Full RB	See Graph	PASS
15MHz	16QAM	133397	1RB Low	See Graph	PASS

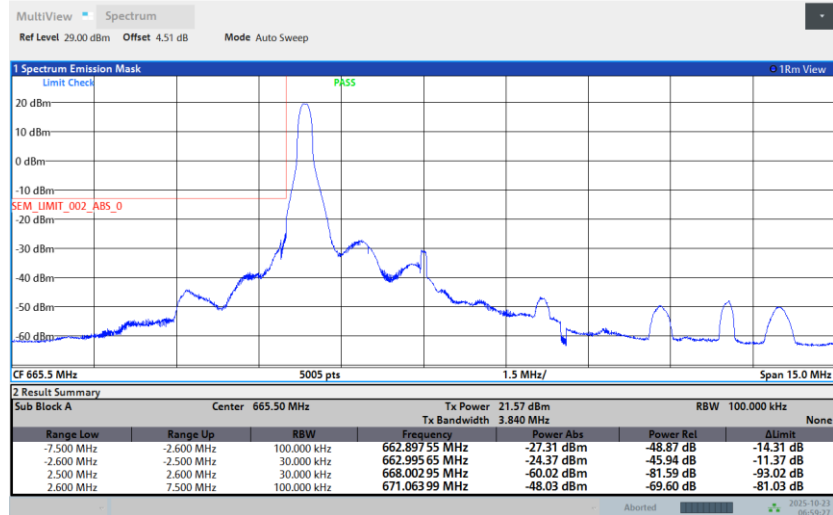
**BUREAU VERITAS** Test Report No.: PSU-NQN2509250114RF09

15MHz	16QAM	133397	1RB High	See Graph	PASS
15MHz	16QAM	133397	Full RB	See Graph	PASS
15MHz	64QAM	133397	1RB Low	See Graph	PASS
15MHz	64QAM	133397	1RB High	See Graph	PASS
15MHz	64QAM	133397	Full RB	See Graph	PASS
20MHz	QPSK	133222	1RB Low	See Graph	PASS
20MHz	QPSK	133222	1RB High	See Graph	PASS
20MHz	QPSK	133222	Full RB	See Graph	PASS
20MHz	16QAM	133222	1RB Low	See Graph	PASS
20MHz	16QAM	133222	1RB High	See Graph	PASS
20MHz	16QAM	133222	Full RB	See Graph	PASS
20MHz	64QAM	133222	1RB Low	See Graph	PASS
20MHz	64QAM	133222	1RB High	See Graph	PASS
20MHz	64QAM	133222	Full RB	See Graph	PASS
20MHz	QPSK	133372	1RB Low	See Graph	PASS
20MHz	QPSK	133372	1RB High	See Graph	PASS
20MHz	QPSK	133372	Full RB	See Graph	PASS
20MHz	16QAM	133372	1RB Low	See Graph	PASS
20MHz	16QAM	133372	1RB High	See Graph	PASS
20MHz	16QAM	133372	Full RB	See Graph	PASS
20MHz	64QAM	133372	1RB Low	See Graph	PASS
20MHz	64QAM	133372	1RB High	See Graph	PASS
20MHz	64QAM	133372	Full RB	See Graph	PASS

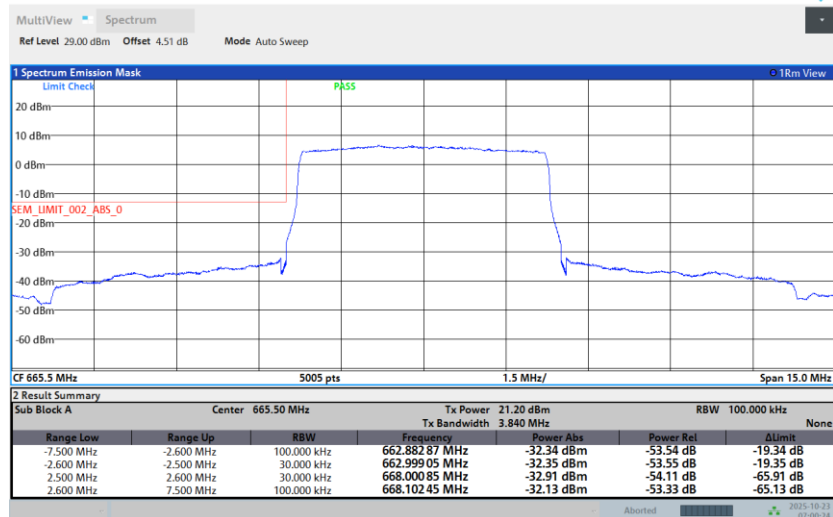


Test Graphs

Graph1 LOW BAND EDGE BLOCK-1RB-LOW_offset



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



Graph3 LOW BAND EDGE BLOCK-1RB-LOW_offset