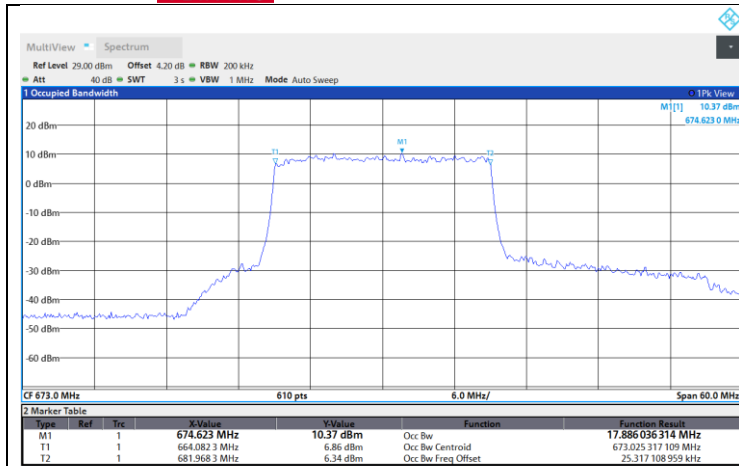
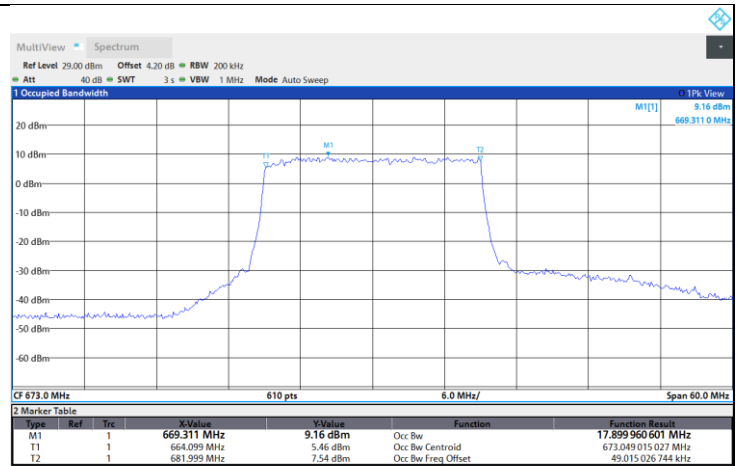
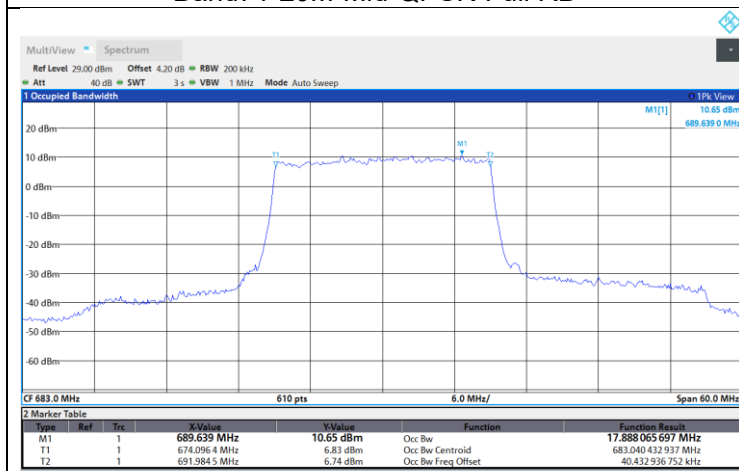




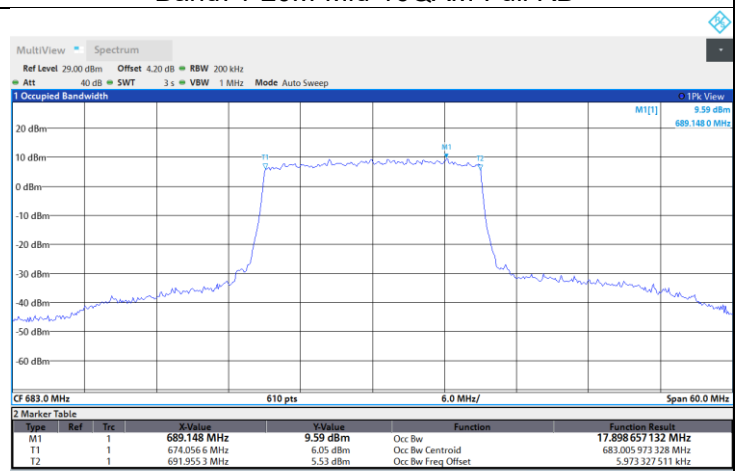
Band71-20M-Mid-QPSK-Full RB



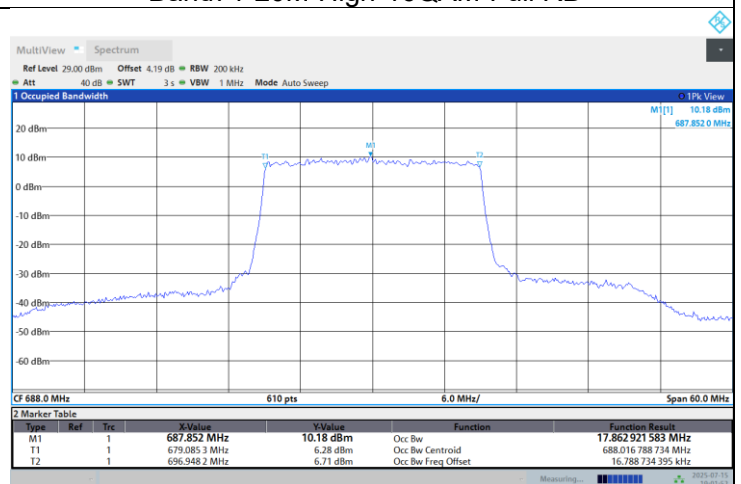
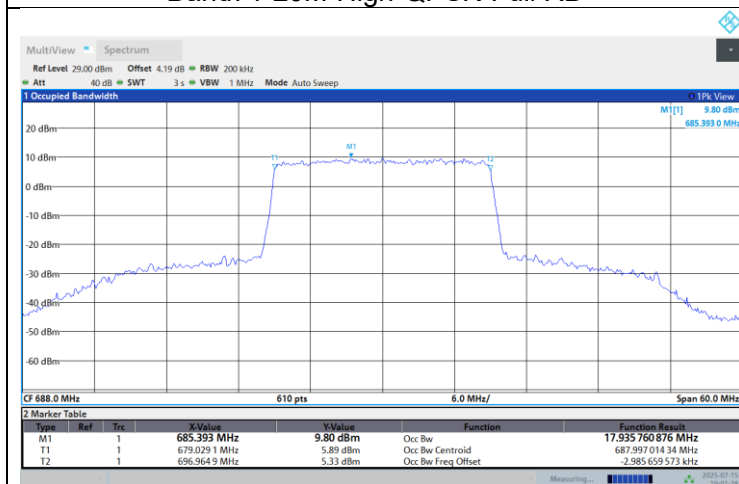
Band71-20M-Mid-16QAM-Full RB



Band71-20M-High-QPSK-Full RB



Band71-20M-High-16QAM-Full RB





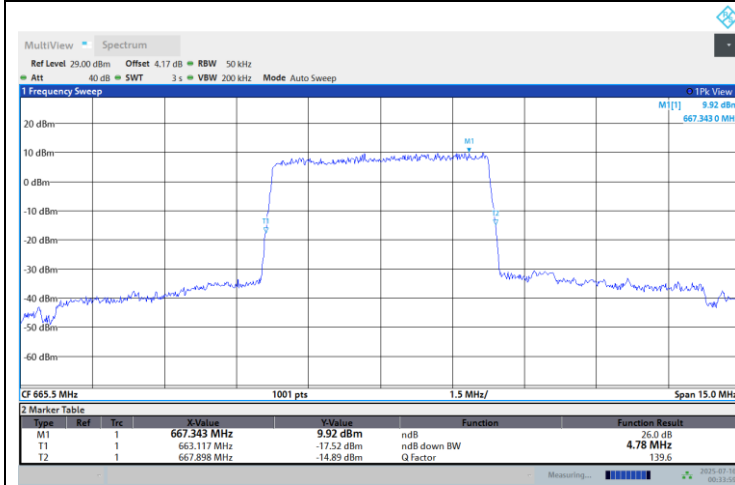
26dB Bandwidth Test Result

Bandwidth	Modulation	Channel	RB Configuration	26dB Bandwidth(MHz)	Verdict
5MHz	QPSK	133147	Full RB	4.78	PASS
5MHz	16QAM	133147	Full RB	4.78	PASS
5MHz	QPSK	133297	Full RB	4.83	PASS
5MHz	16QAM	133297	Full RB	4.76	PASS
5MHz	QPSK	133447	Full RB	4.79	PASS
5MHz	16QAM	133447	Full RB	4.79	PASS
10MHz	QPSK	133172	Full RB	9.50	PASS
10MHz	16QAM	133172	Full RB	9.50	PASS
10MHz	QPSK	133297	Full RB	9.56	PASS
10MHz	16QAM	133297	Full RB	9.50	PASS
10MHz	QPSK	133422	Full RB	9.56	PASS
10MHz	16QAM	133422	Full RB	9.53	PASS
15MHz	QPSK	133197	Full RB	14.34	PASS
15MHz	16QAM	133197	Full RB	14.30	PASS
15MHz	QPSK	133297	Full RB	14.39	PASS
15MHz	16QAM	133297	Full RB	14.39	PASS
15MHz	QPSK	133397	Full RB	14.43	PASS
15MHz	16QAM	133397	Full RB	14.30	PASS
20MHz	QPSK	133222	Full RB	19.12	PASS
20MHz	16QAM	133222	Full RB	19.24	PASS
20MHz	QPSK	133322	Full RB	19.24	PASS
20MHz	16QAM	133322	Full RB	19.30	PASS
20MHz	QPSK	133372	Full RB	19.36	PASS
20MHz	16QAM	133372	Full RB	19.12	PASS

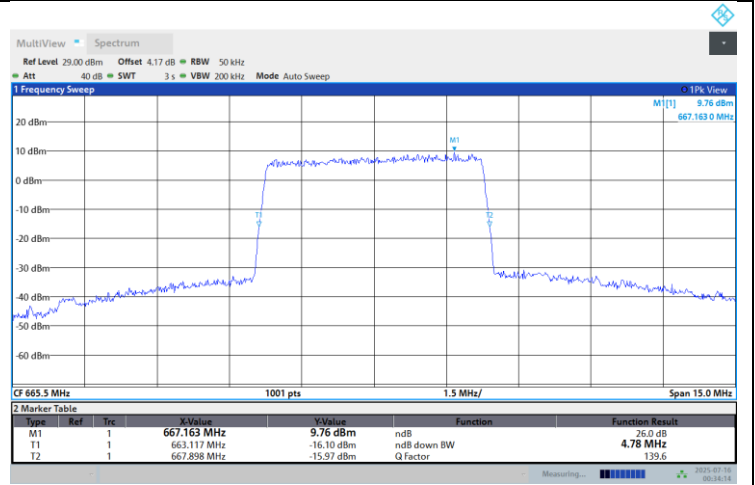


Test Graphs

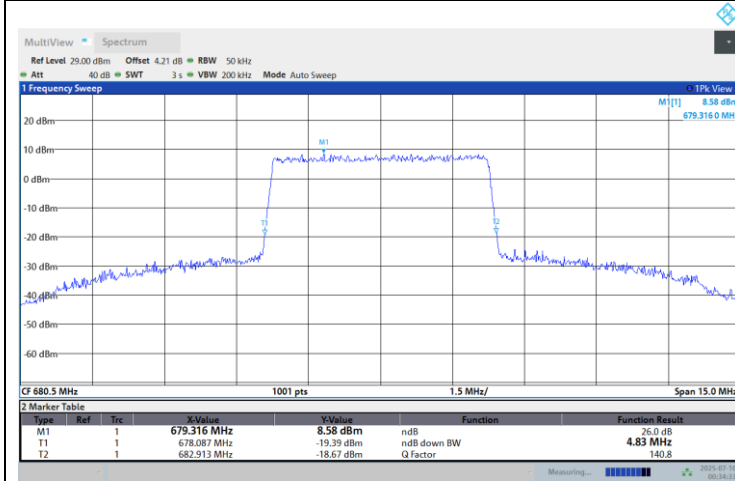
Band71-5M-Low-QPSK-Full RB



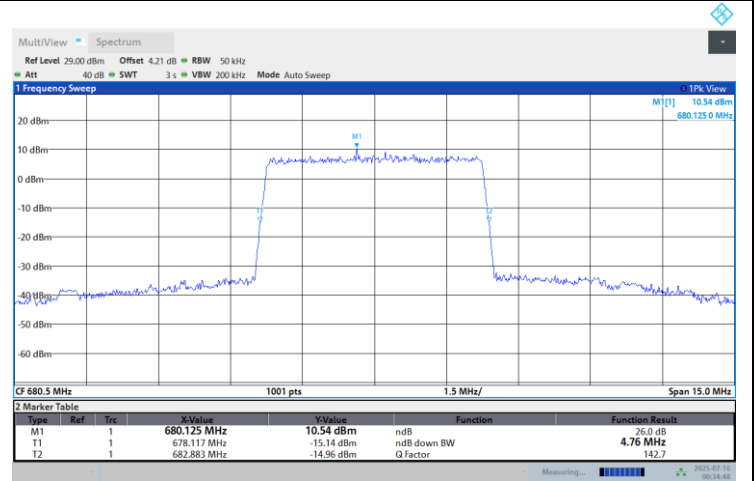
Band71-5M-Low-16QAM-Full RB



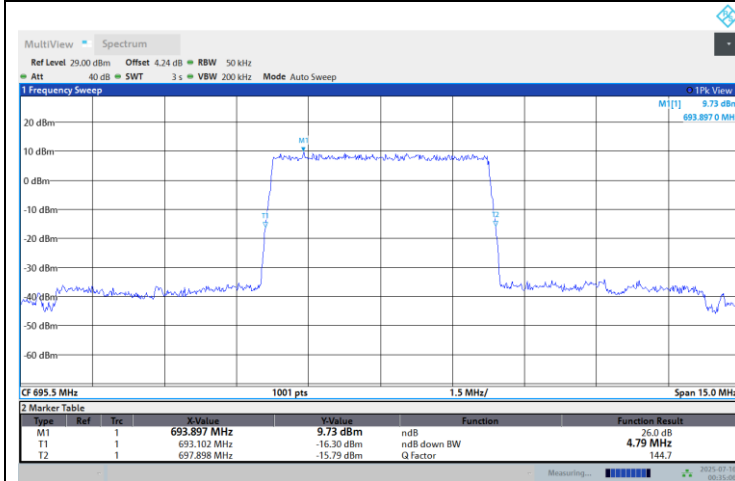
Band71-5M-Mid-QPSK-Full RB



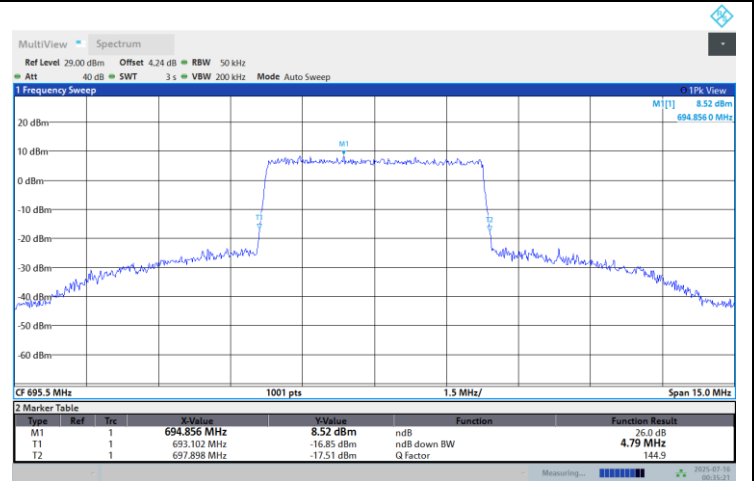
Band71-5M-Mid-16QAM-Full RB



Band71-5M-High-QPSK-Full RB

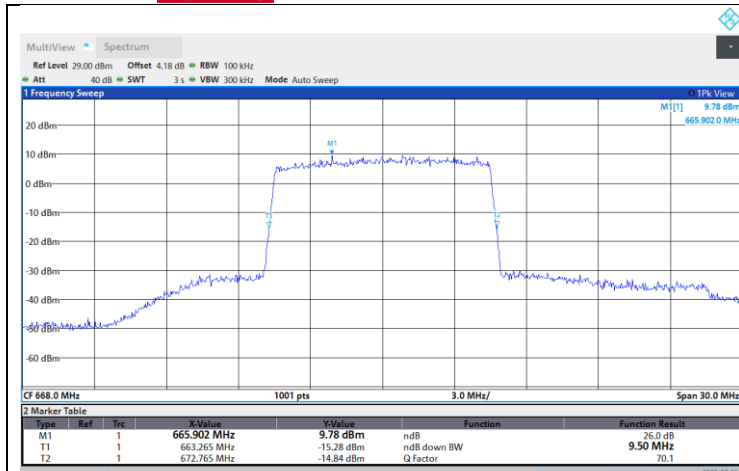


Band71-5M-High-16QAM-Full RB

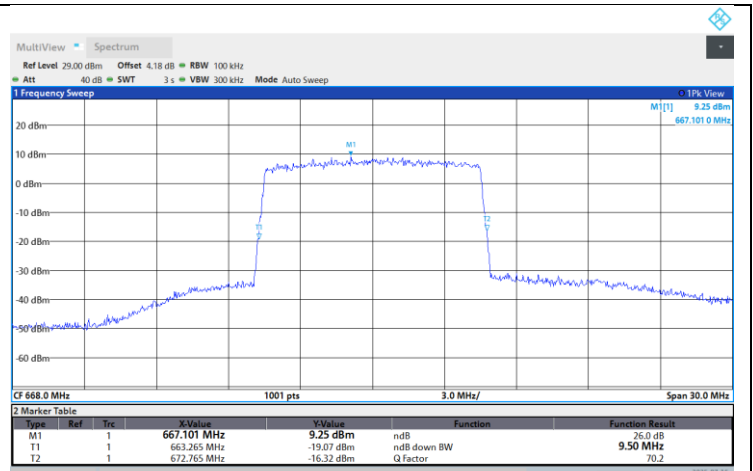


Band71-10M-Low-QPSK-Full RB

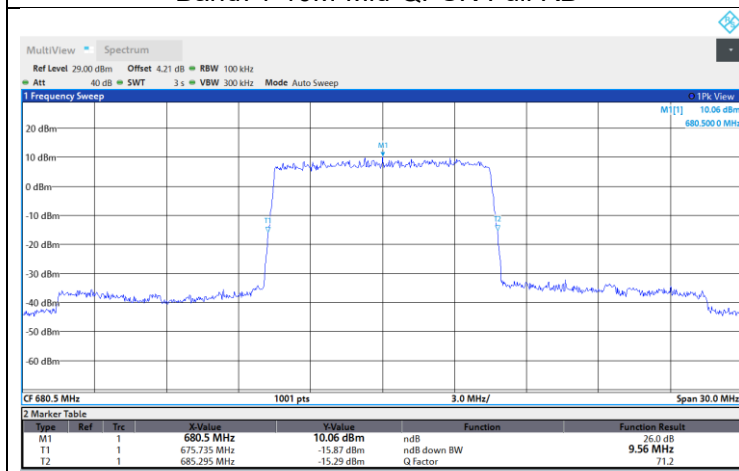
Band71-10M-Low-16QAM-Full RB



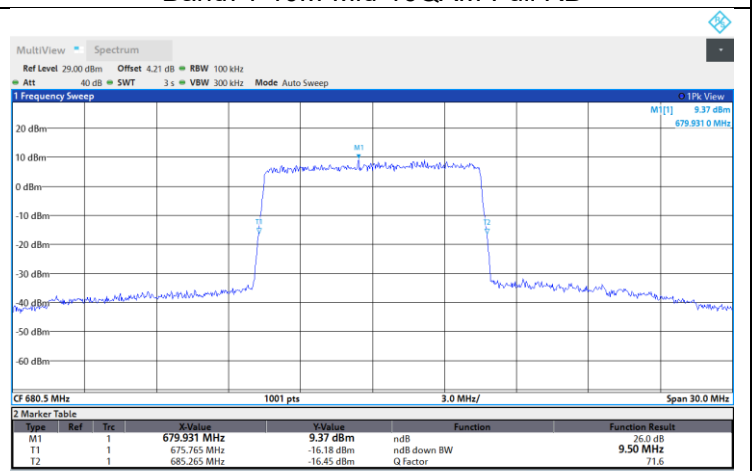
Band71-10M-Mid-QPSK-Full RB



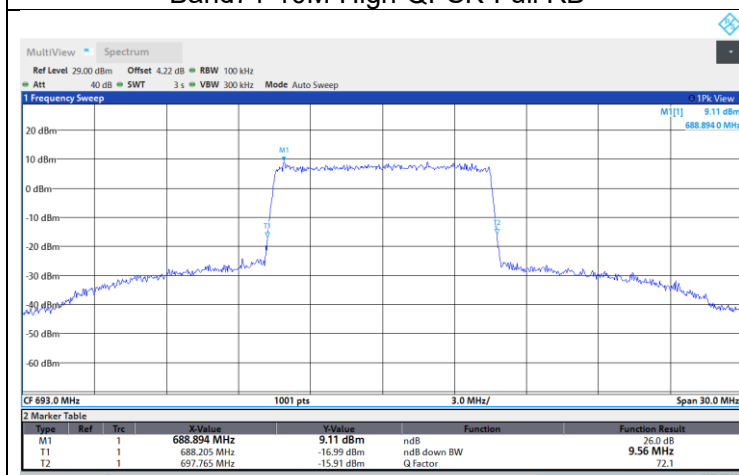
Band71-10M-Mid-16QAM-Full RB



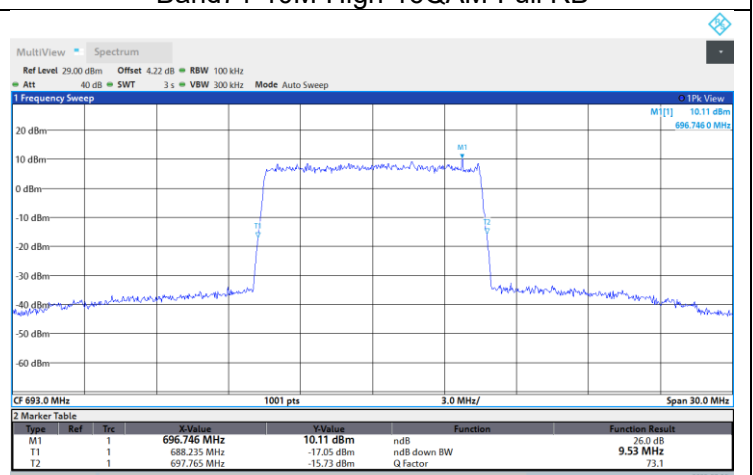
Band71-10M-High-QPSK-Full RB



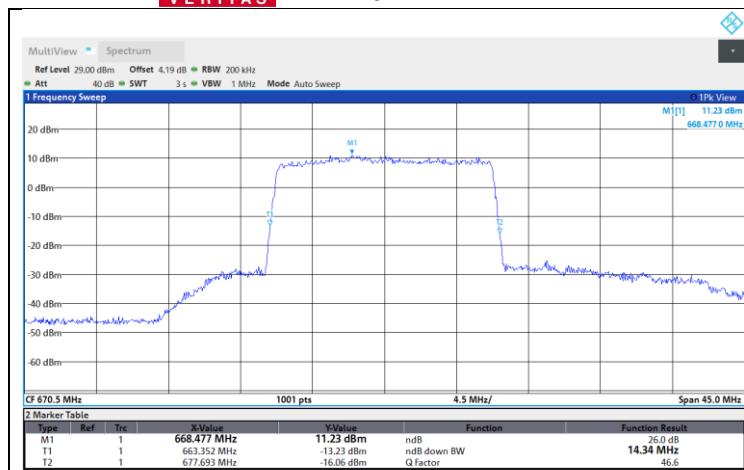
Band71-10M-High-16QAM-Full RB



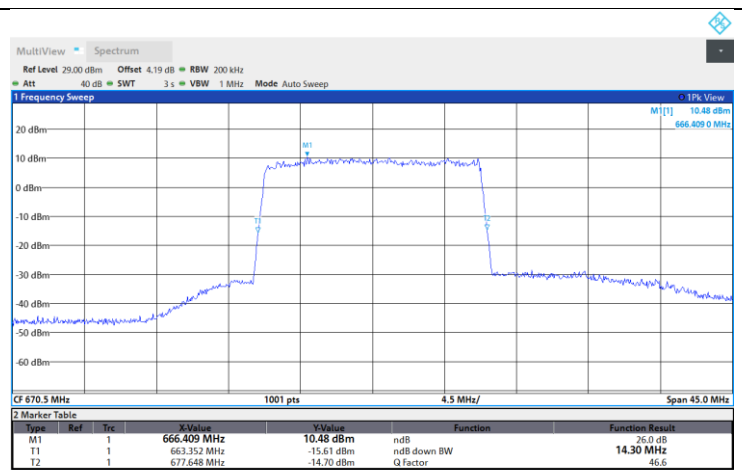
Band71-15M-Low-QPSK-Full RB



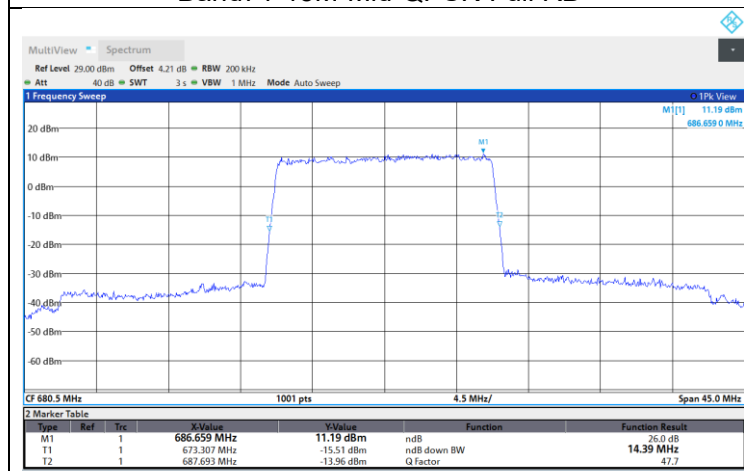
Band71-15M-Low-16QAM-Full RB



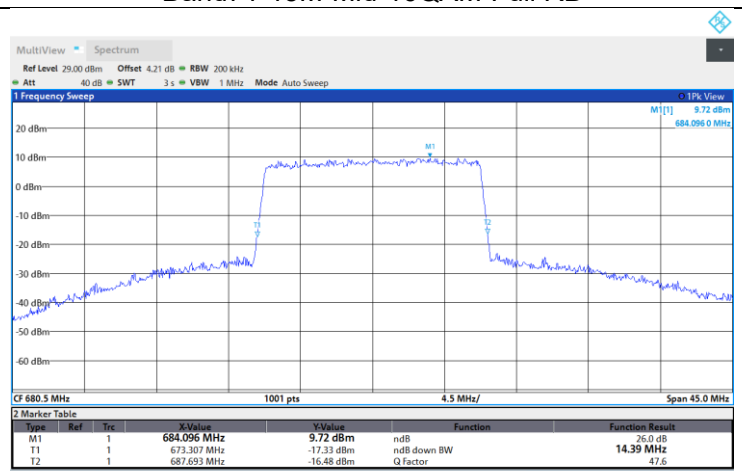
Band71-15M-Mid-QPSK-Full RB



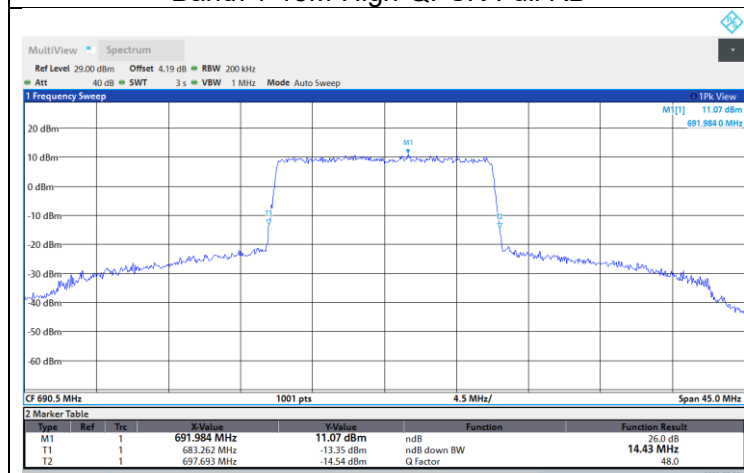
Band71-15M-Mid-16QAM-Full RB



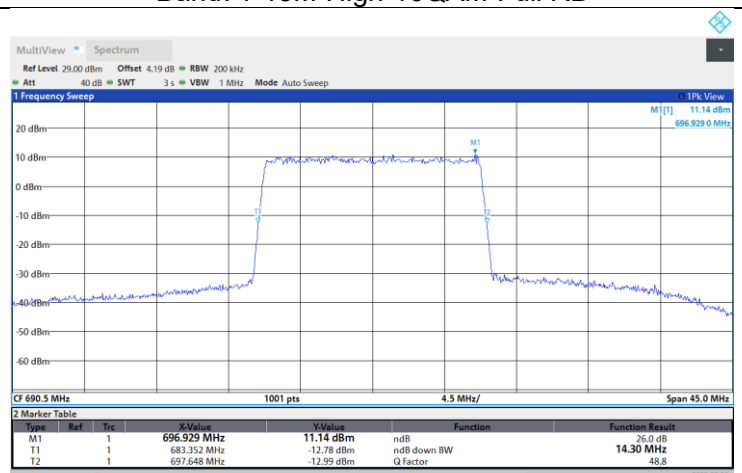
Band71-15M-High-QPSK-Full RB



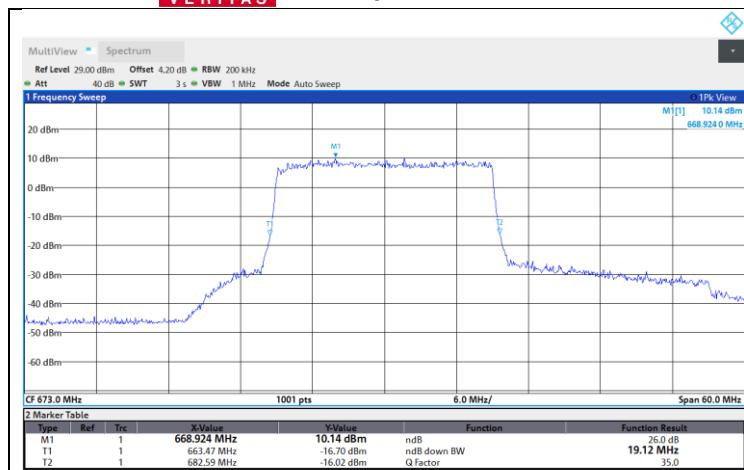
Band71-15M-High-16QAM-Full RB



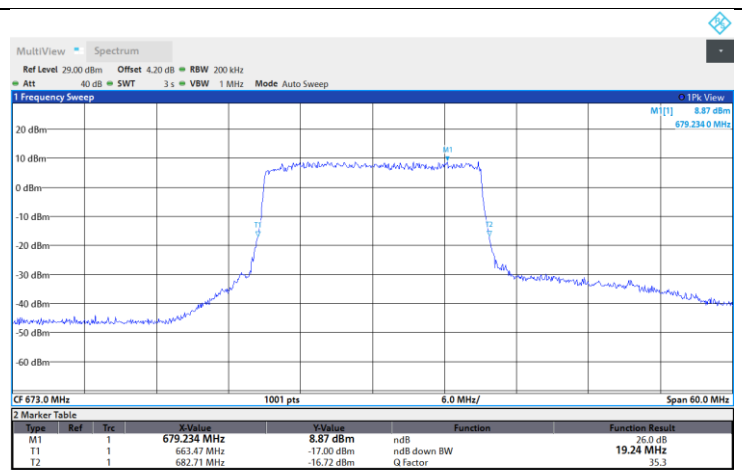
Band71-20M-Low-QPSK-Full RB



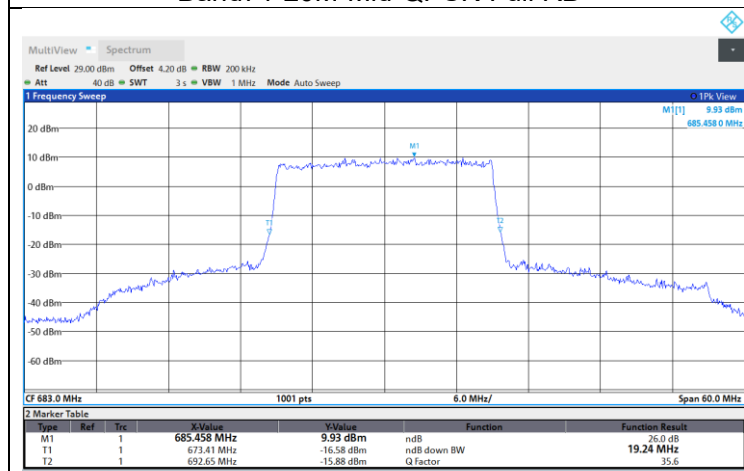
Band71-20M-Low-16QAM-Full RB



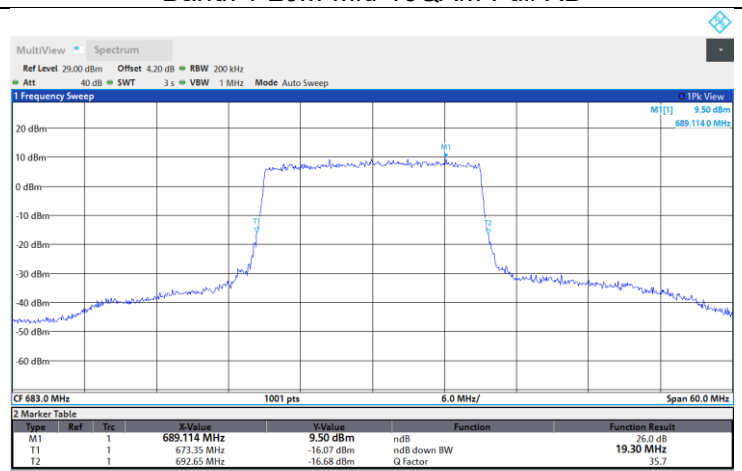
Band71-20M-Mid-QPSK-Full RB



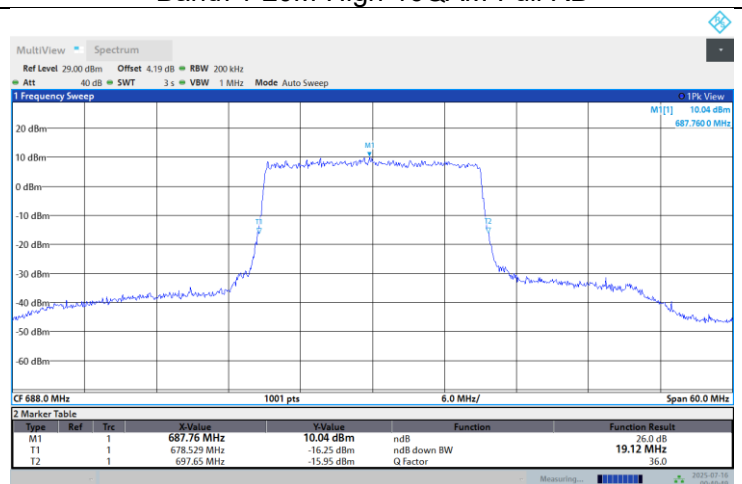
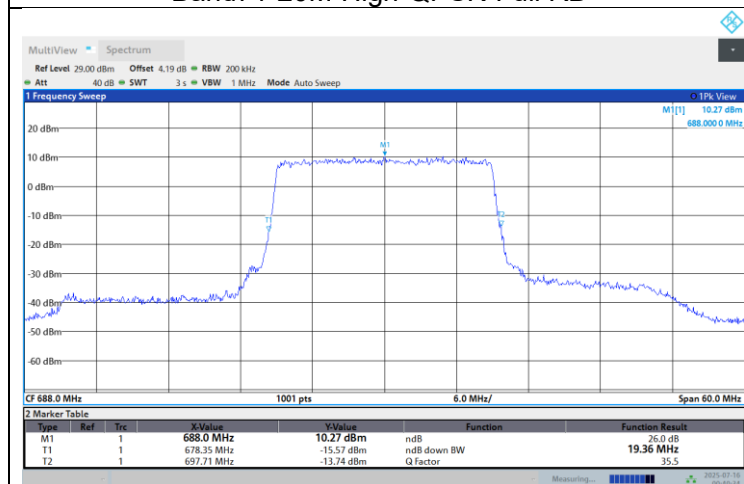
Band71-20M-Mid-16QAM-Full RB



Band71-20M-High-QPSK-Full RB



Band71-20M-High-16QAM-Full RB





BAND EDGE

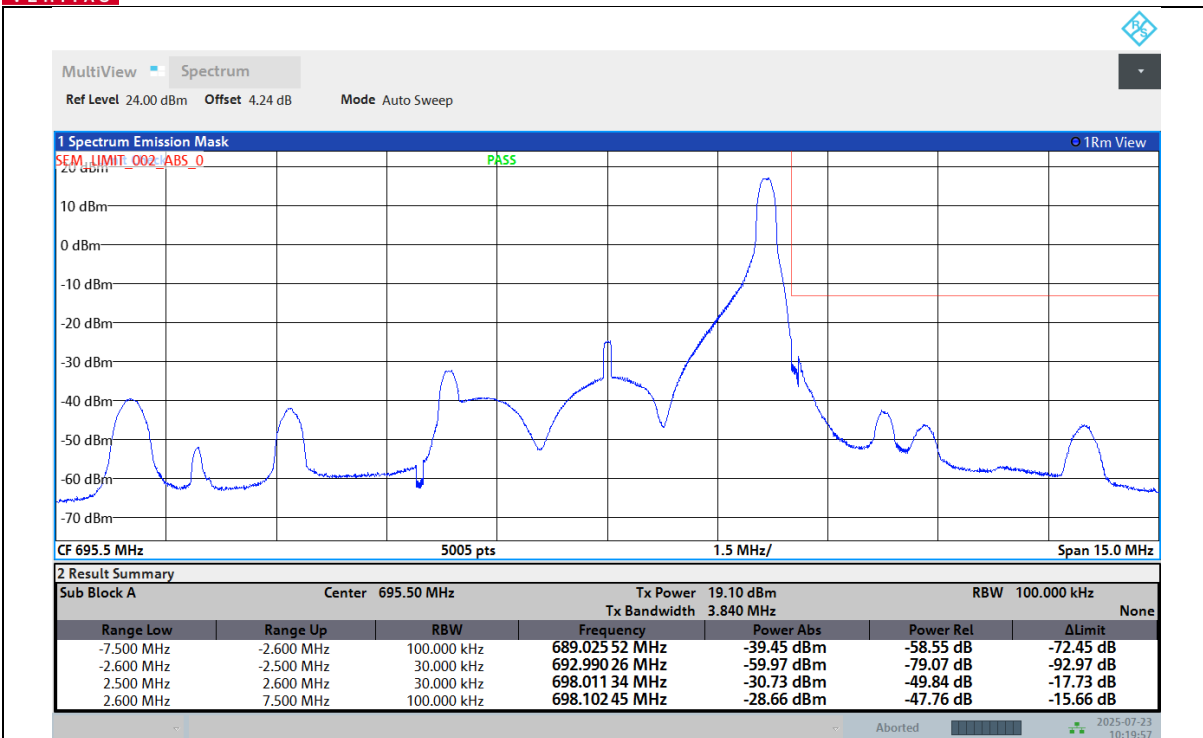
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	See Graph	PASS
Band71	5MHz	QPSK	133147	25RB#0	See Graph	PASS
Band71	5MHz	QPSK	133447	25RB#0	See Graph	PASS
Band71	5MHz	QPSK	133447	1RB#24	See Graph	PASS
Band71	5MHz	16QAM	133147	1RB#0	See Graph	PASS
Band71	5MHz	16QAM	133147	25RB#0	See Graph	PASS
Band71	5MHz	16QAM	133447	25RB#0	See Graph	PASS
Band71	5MHz	16QAM	133447	1RB#24	See Graph	PASS
Band71	10MHz	QPSK	133172	1RB#0	See Graph	PASS
Band71	10MHz	QPSK	133172	50RB#0	See Graph	PASS
Band71	10MHz	QPSK	133422	50RB#0	See Graph	PASS
Band71	10MHz	QPSK	133422	1RB#49	See Graph	PASS
Band71	10MHz	16QAM	133172	1RB#0	See Graph	PASS
Band71	10MHz	16QAM	133172	50RB#0	See Graph	PASS
Band71	10MHz	16QAM	133422	50RB#0	See Graph	PASS
Band71	10MHz	16QAM	133422	1RB#49	See Graph	PASS
Band71	15MHz	QPSK	133197	1RB#0	See Graph	PASS
Band71	15MHz	QPSK	133197	75RB#0	See Graph	PASS
Band71	15MHz	QPSK	133397	75RB#0	See Graph	PASS
Band71	15MHz	QPSK	133397	1RB#74	See Graph	PASS
Band71	15MHz	16QAM	133197	1RB#0	See Graph	PASS
Band71	15MHz	16QAM	133197	75RB#0	See Graph	PASS
Band71	15MHz	16QAM	133397	75RB#0	See Graph	PASS
Band71	15MHz	16QAM	133397	1RB#74	See Graph	PASS
Band71	20MHz	QPSK	133222	1RB#0	See Graph	PASS
Band71	20MHz	QPSK	133222	100RB#0	See Graph	PASS
Band71	20MHz	QPSK	133372	1RB#99	See Graph	PASS
Band71	20MHz	QPSK	133372	100RB#0	See Graph	PASS
Band71	20MHz	16QAM	133222	1RB#0	See Graph	PASS
Band71	20MHz	16QAM	133222	100RB#0	See Graph	PASS
Band71	20MHz	16QAM	133372	1RB#99	See Graph	PASS
Band71	20MHz	16QAM	133372	100RB#0	See Graph	PASS

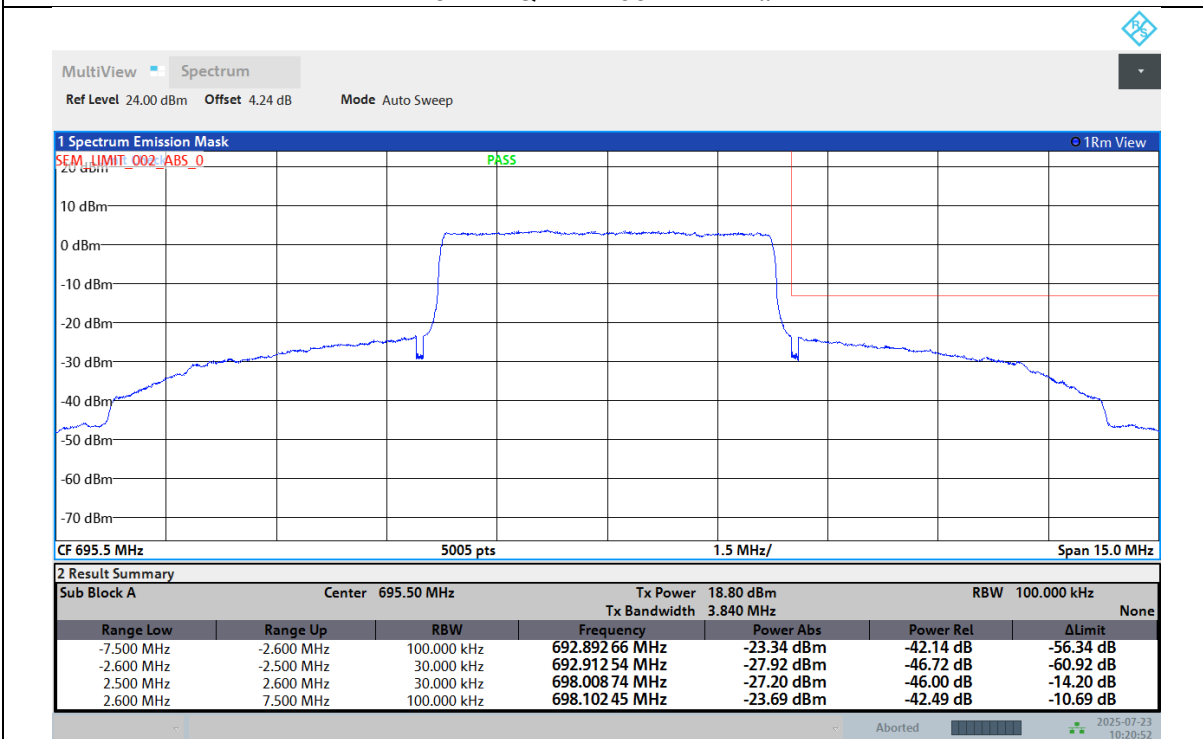


Test Graphs

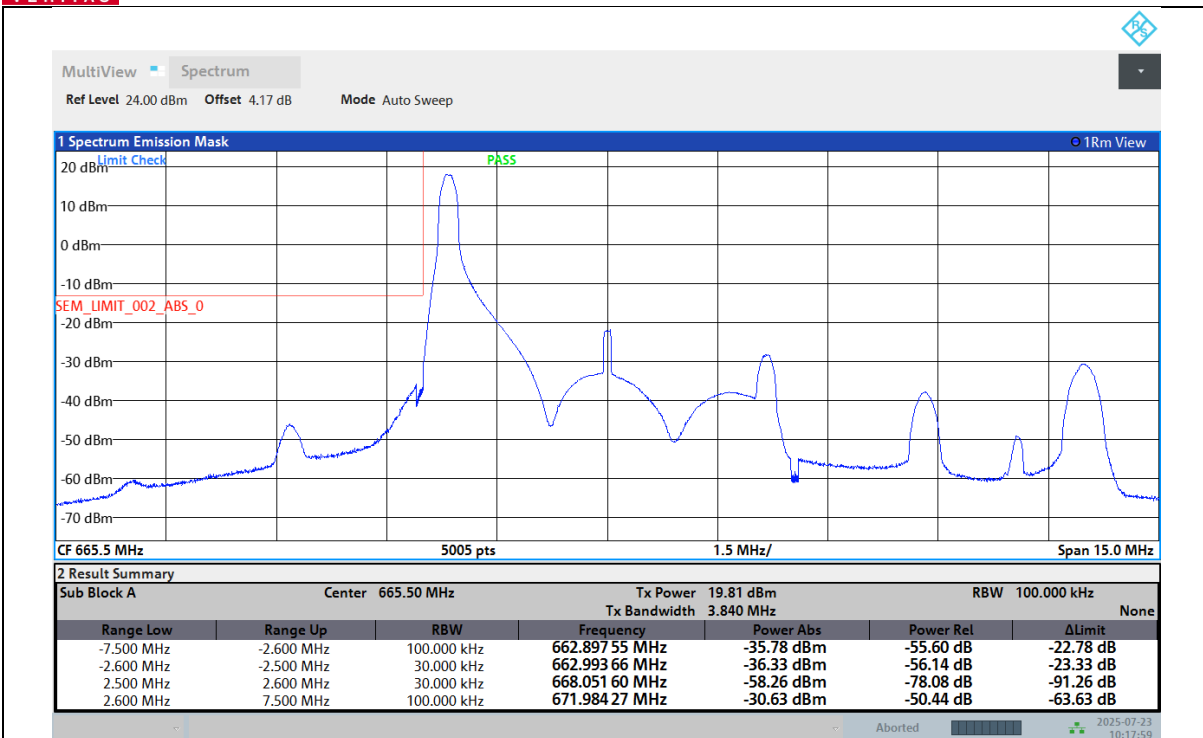




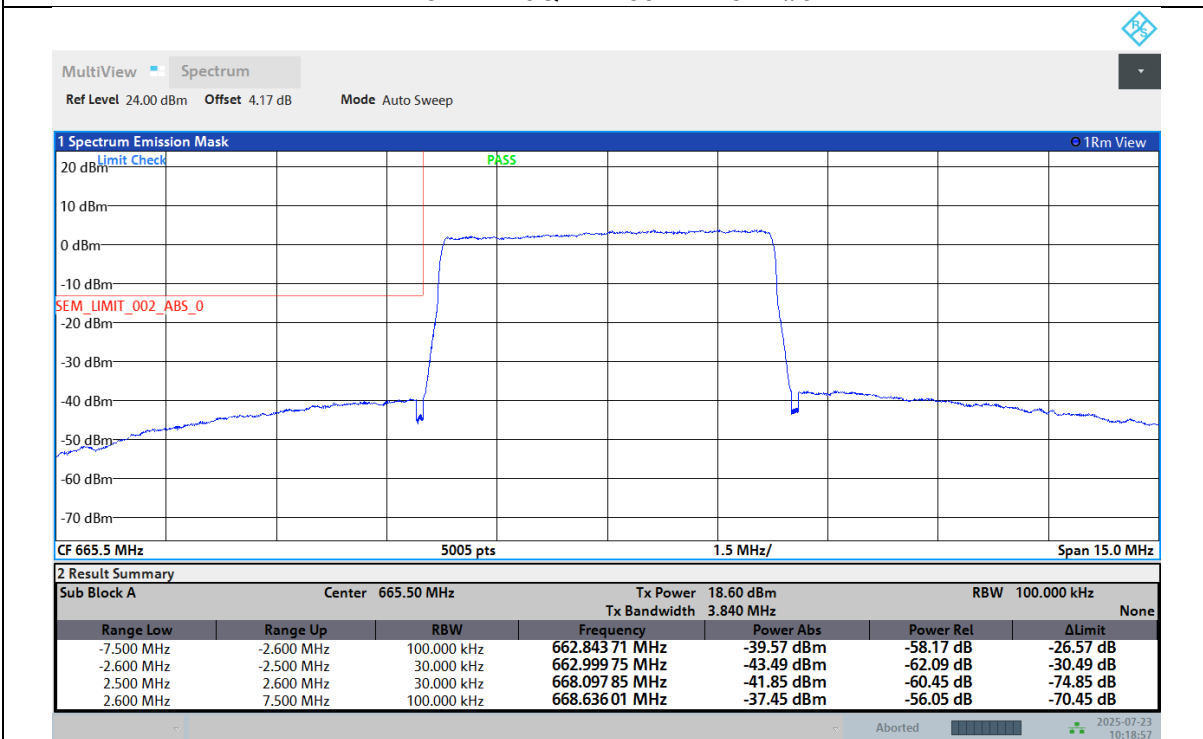
Band71-5MHz-QPSK-133447-1RB#24-PASS



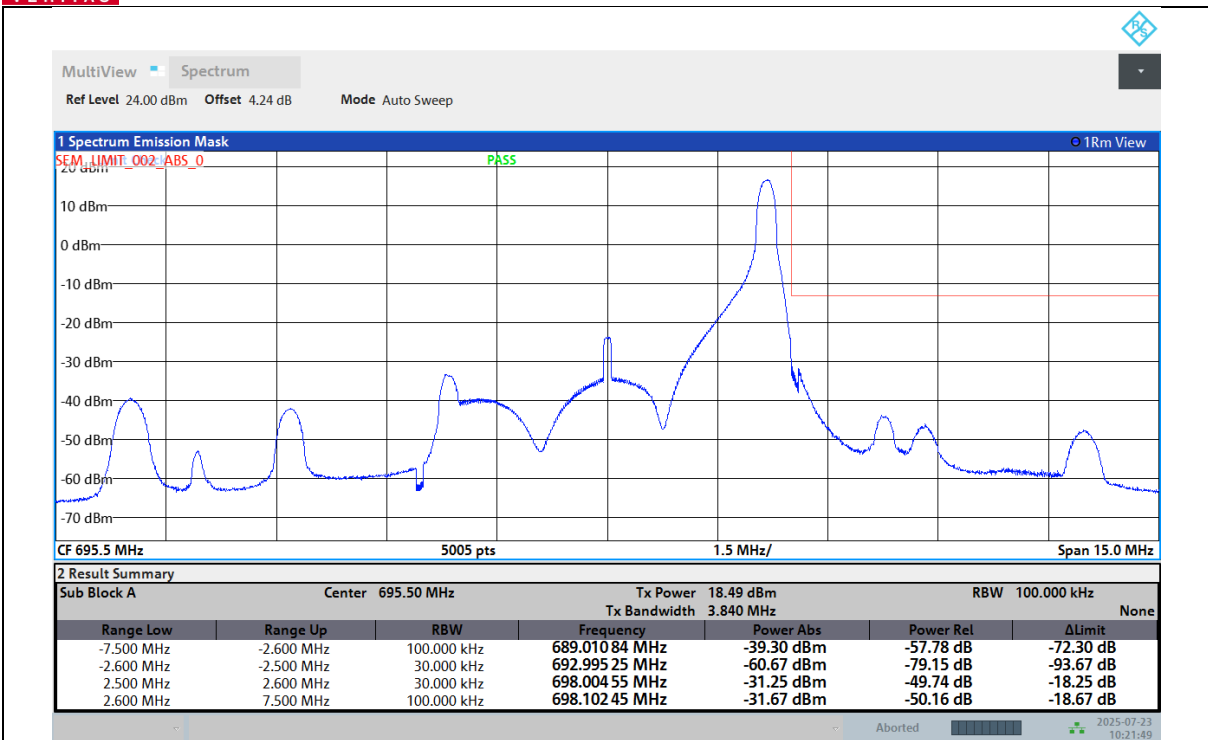
Band71-5MHz-16QAM-133147-1RB#0-PASS



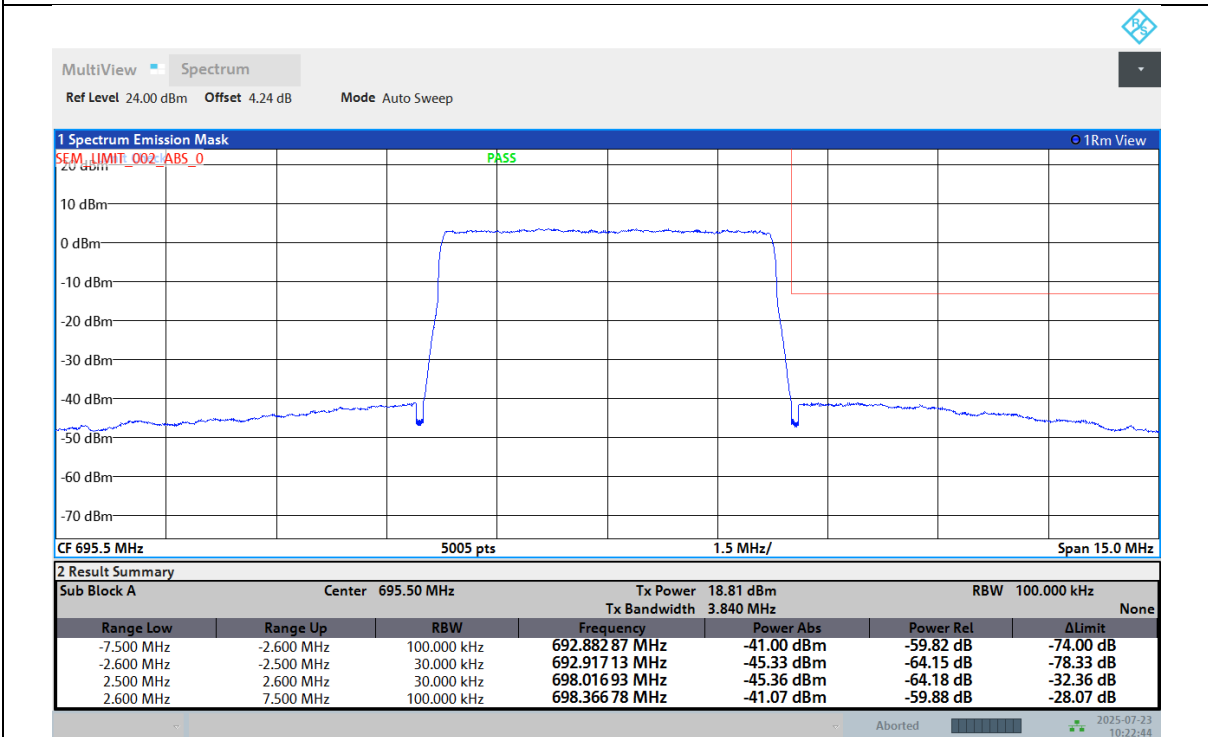
Band71-5MHz-16QAM-133147-25RB#0-PASS



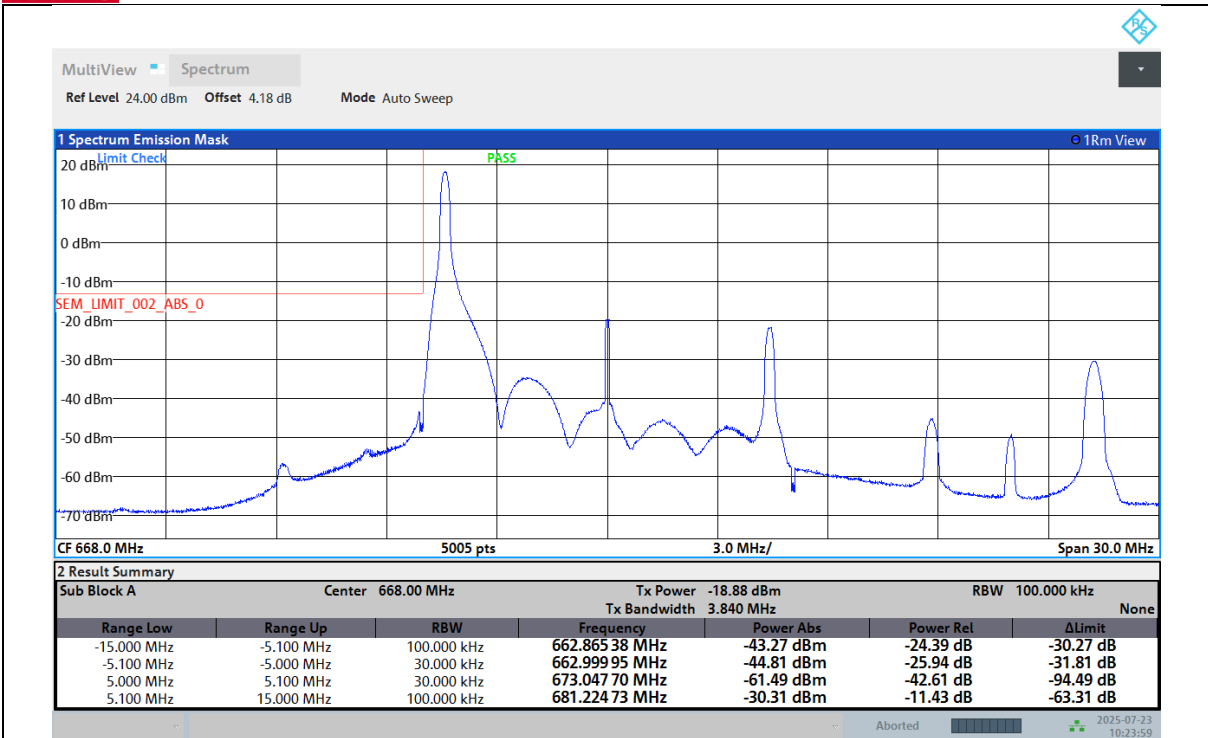
Band71-5MHz-16QAM-133447-25RB#0-PASS



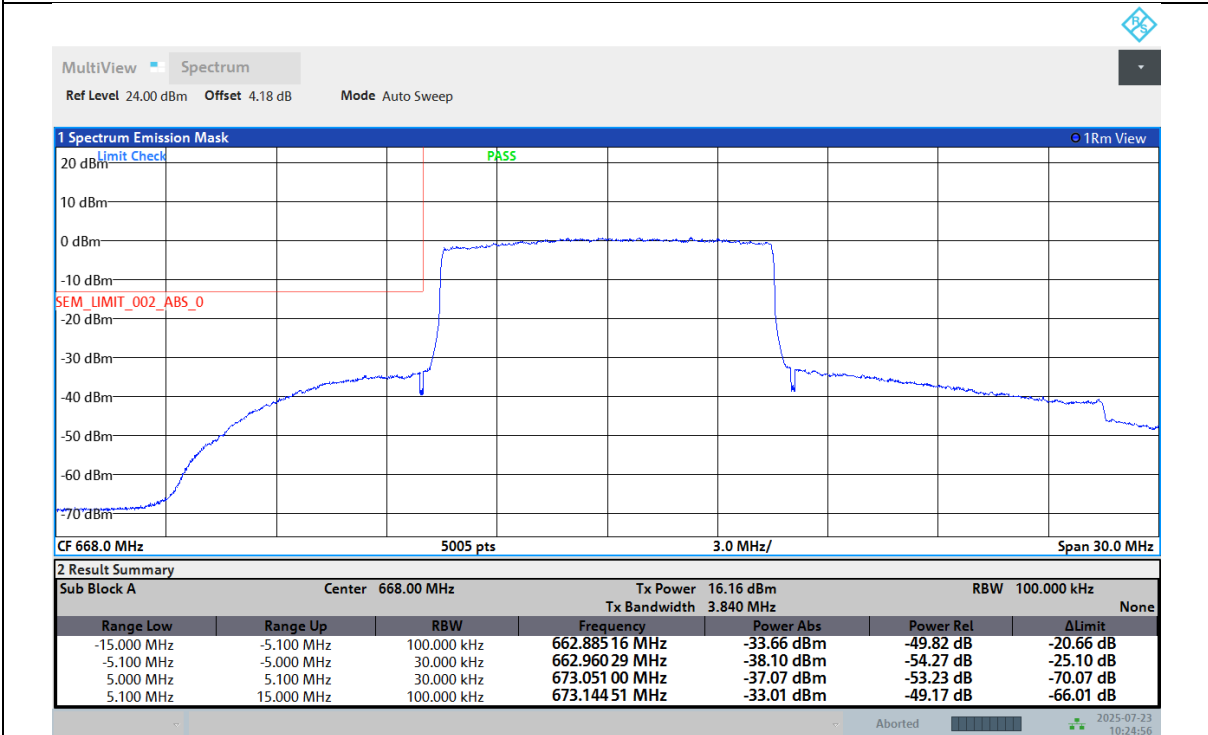
Band71-5MHz-16QAM-133447-1RB#24-PASS



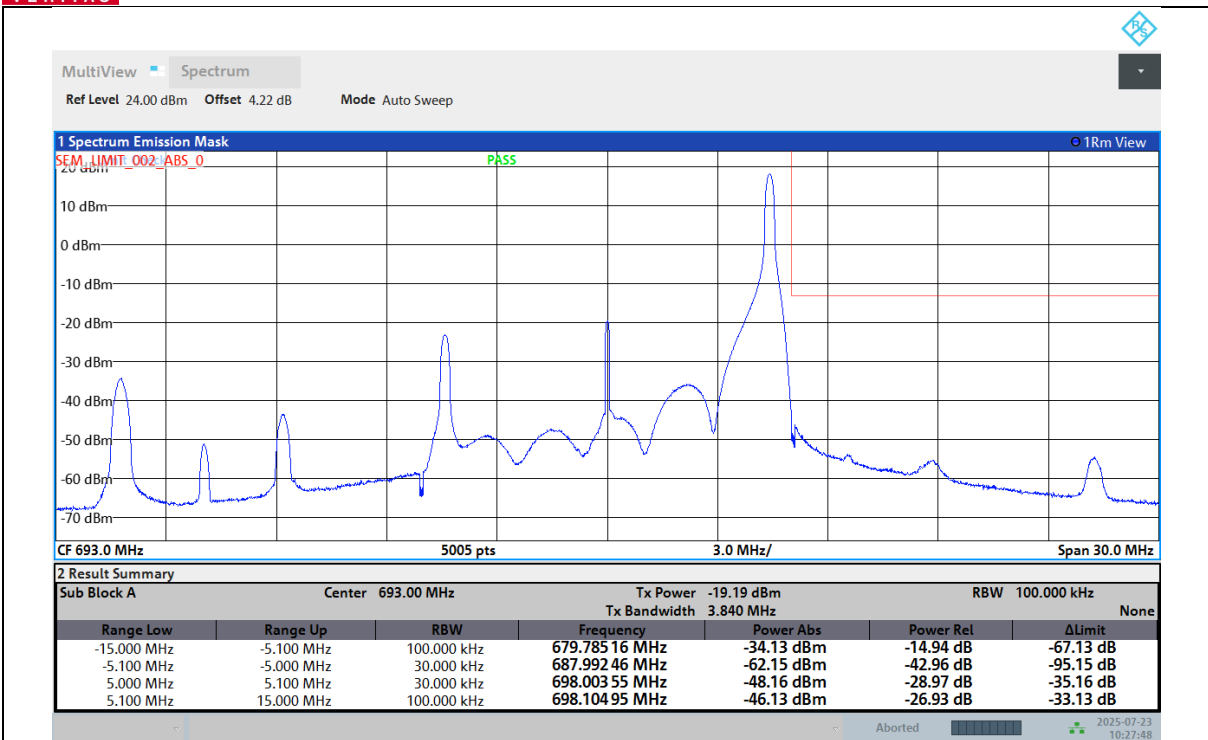
Band71-10MHz-QPSK-133172-1RB#0-PASS



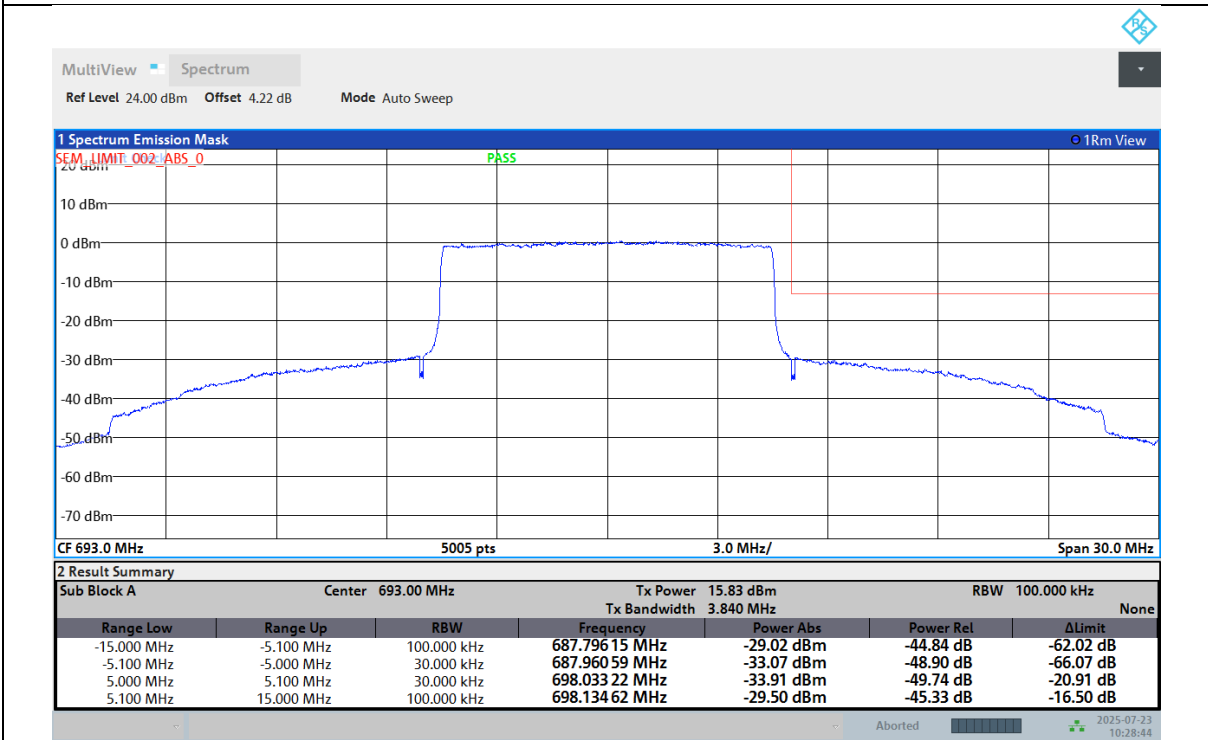
Band71-10MHz-QPSK-133172-50RB#0-PASS



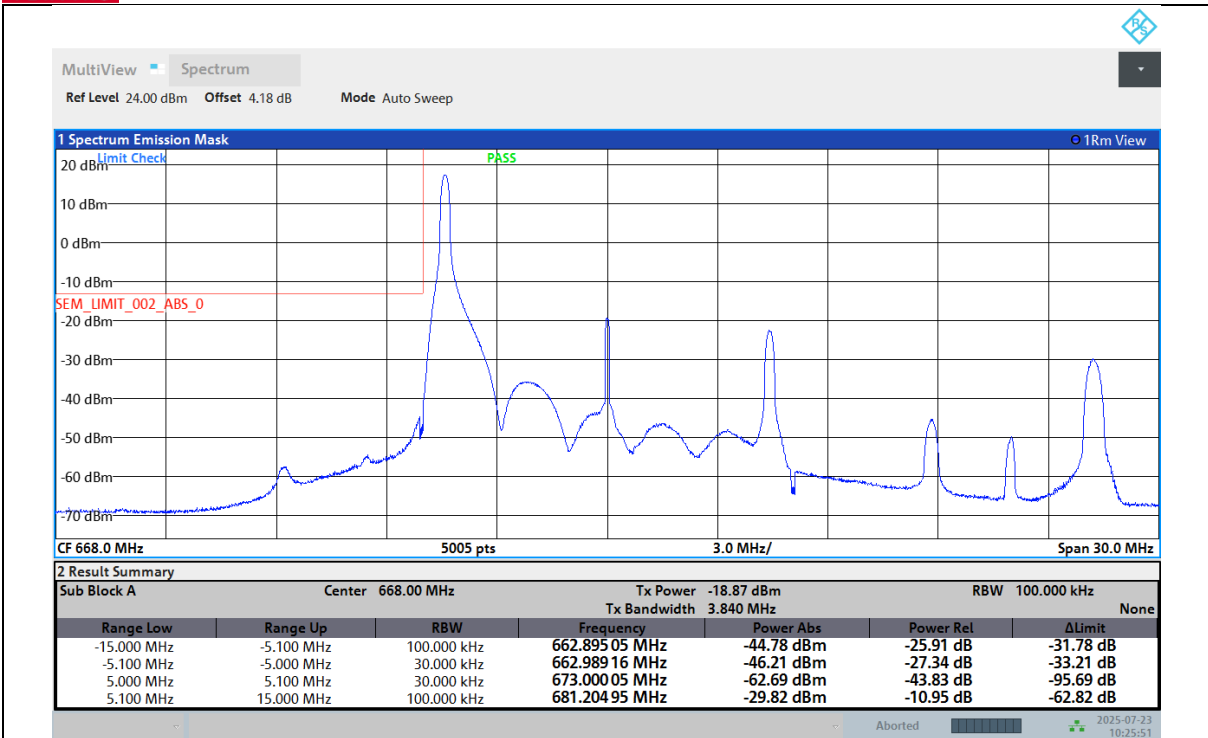
Band71-10MHz-QPSK-133422-50RB#0-PASS



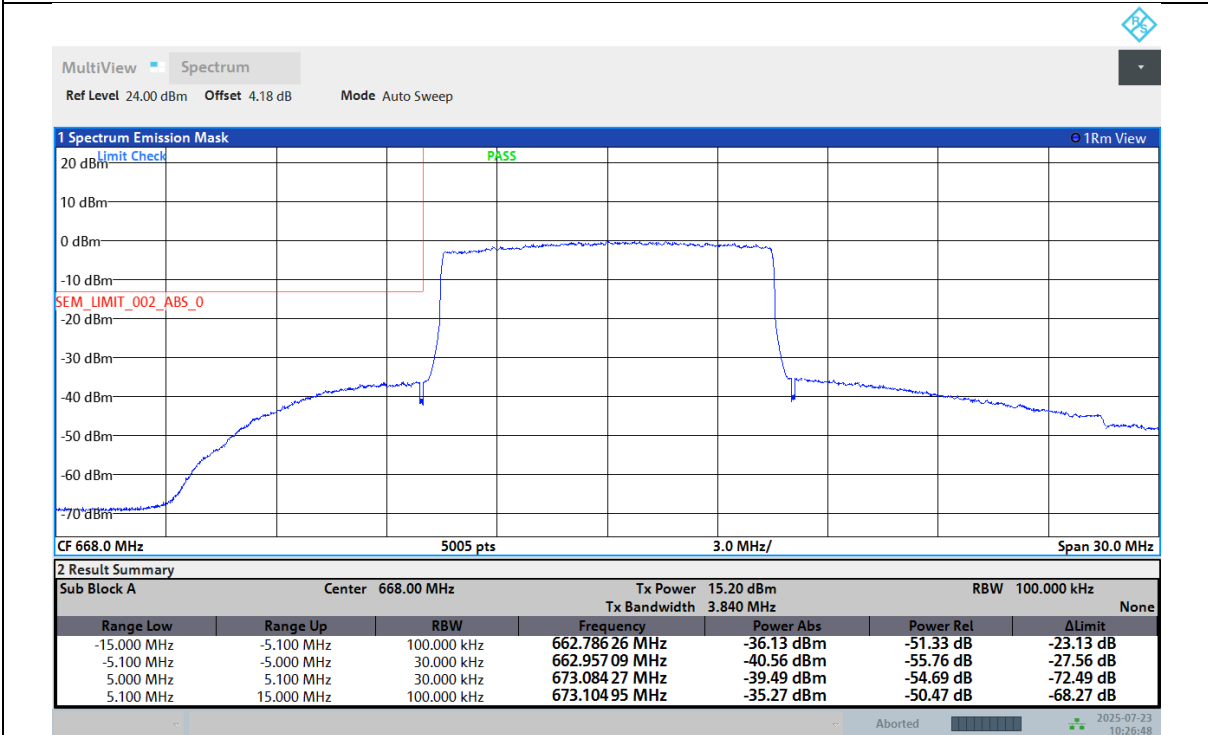
Band71-10MHz-QPSK-133422-1RB#49-PASS



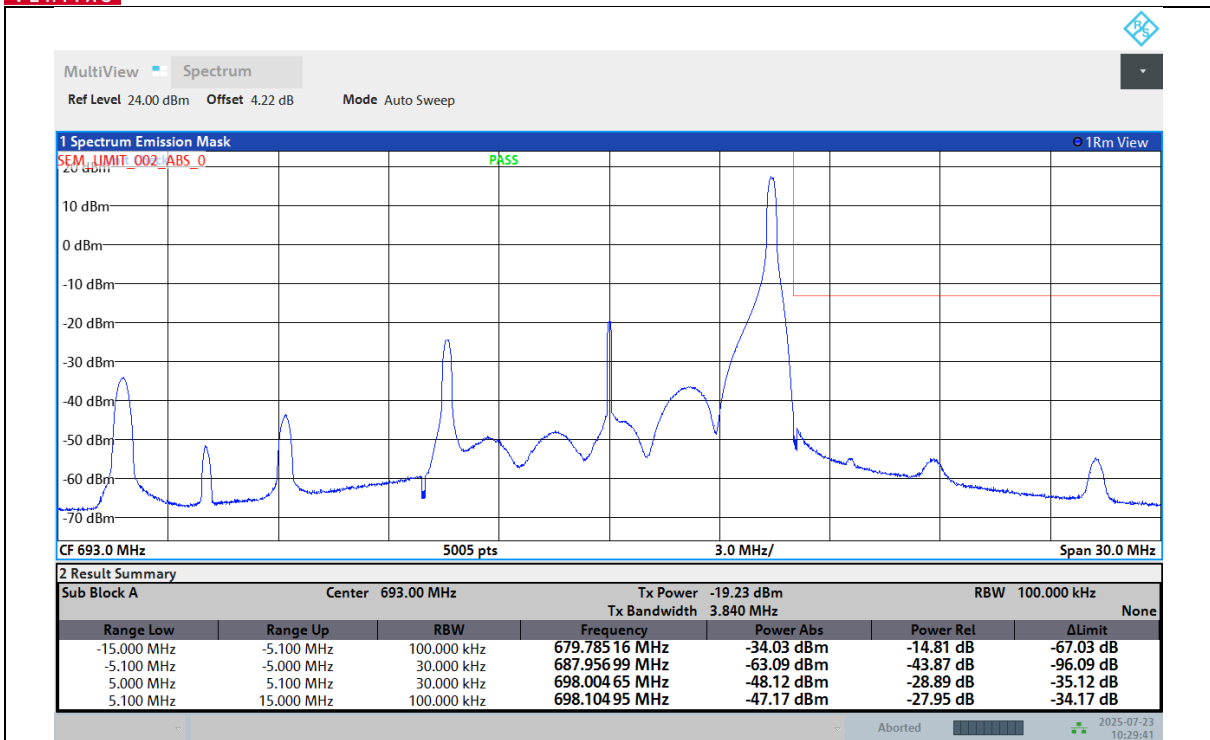
Band71-10MHz-16QAM-133172-1RB#0-PASS



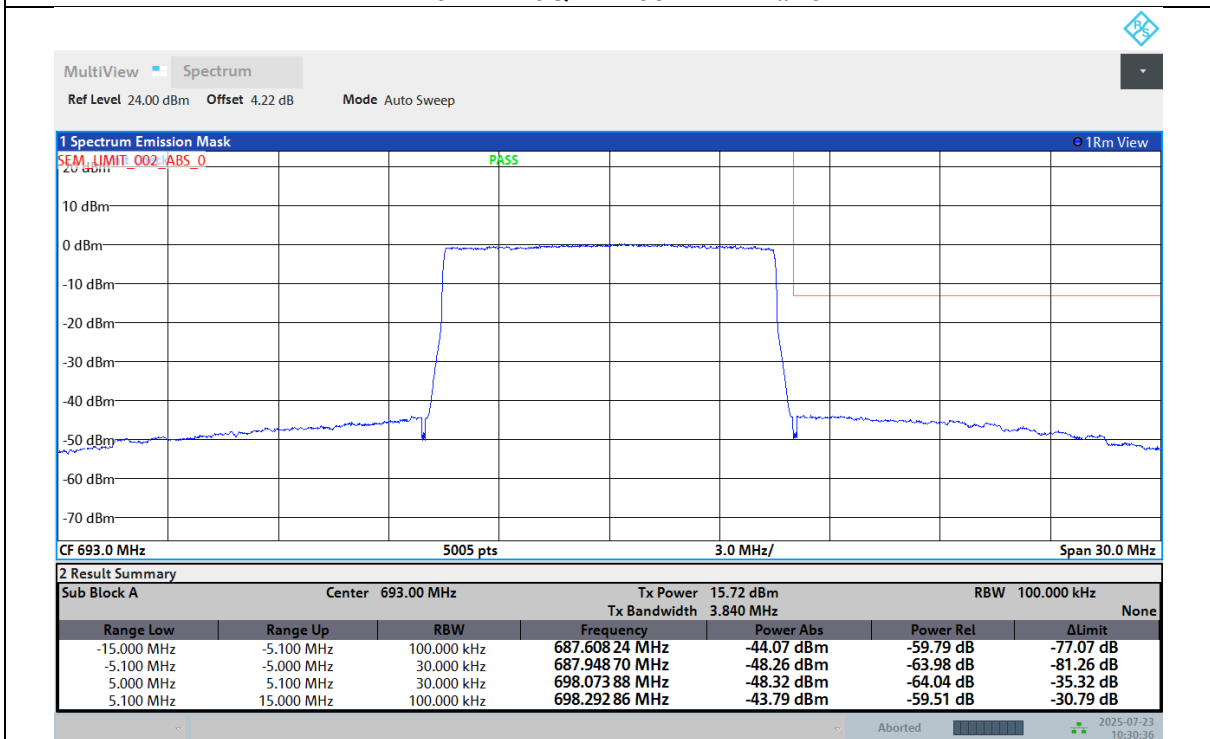
Band71-10MHz-16QAM-133172-50RB#0-PASS



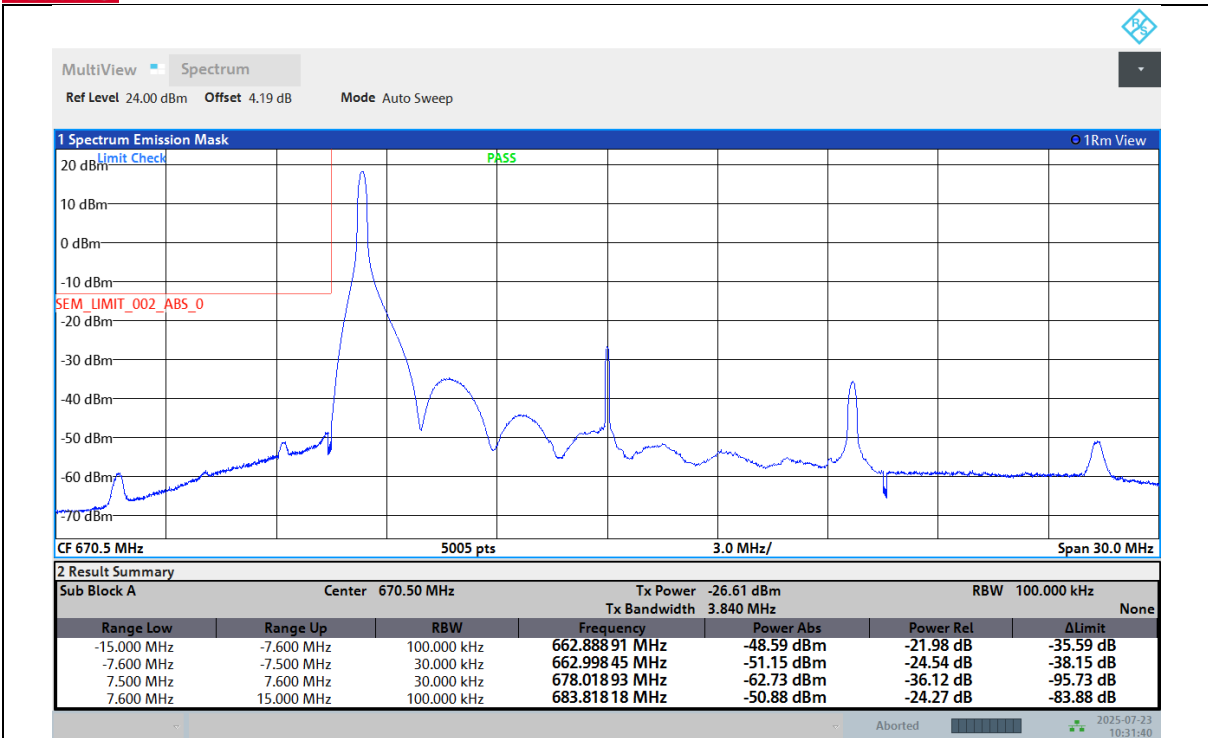
Band71-10MHz-16QAM-133422-50RB#0-PASS



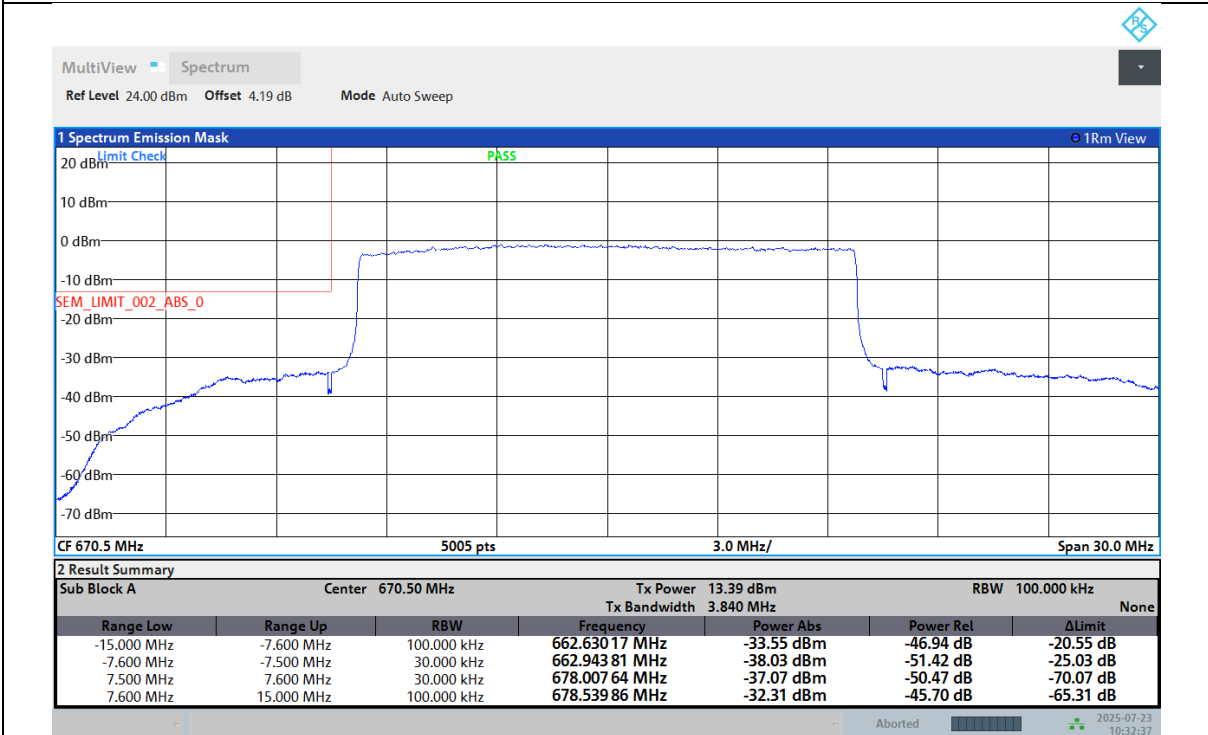
Band71-10MHz-16QAM-133422-1RB#49-PASS



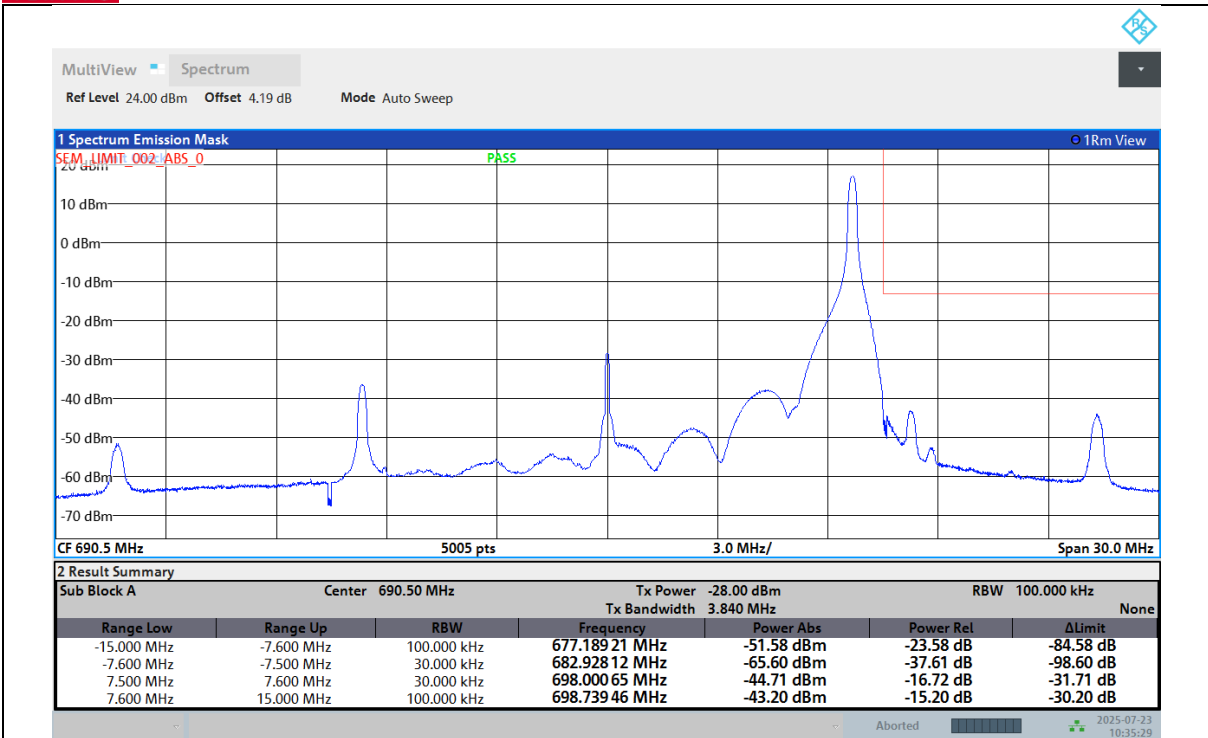
Band71-15MHz-QPSK-133197-1RB#0-PASS



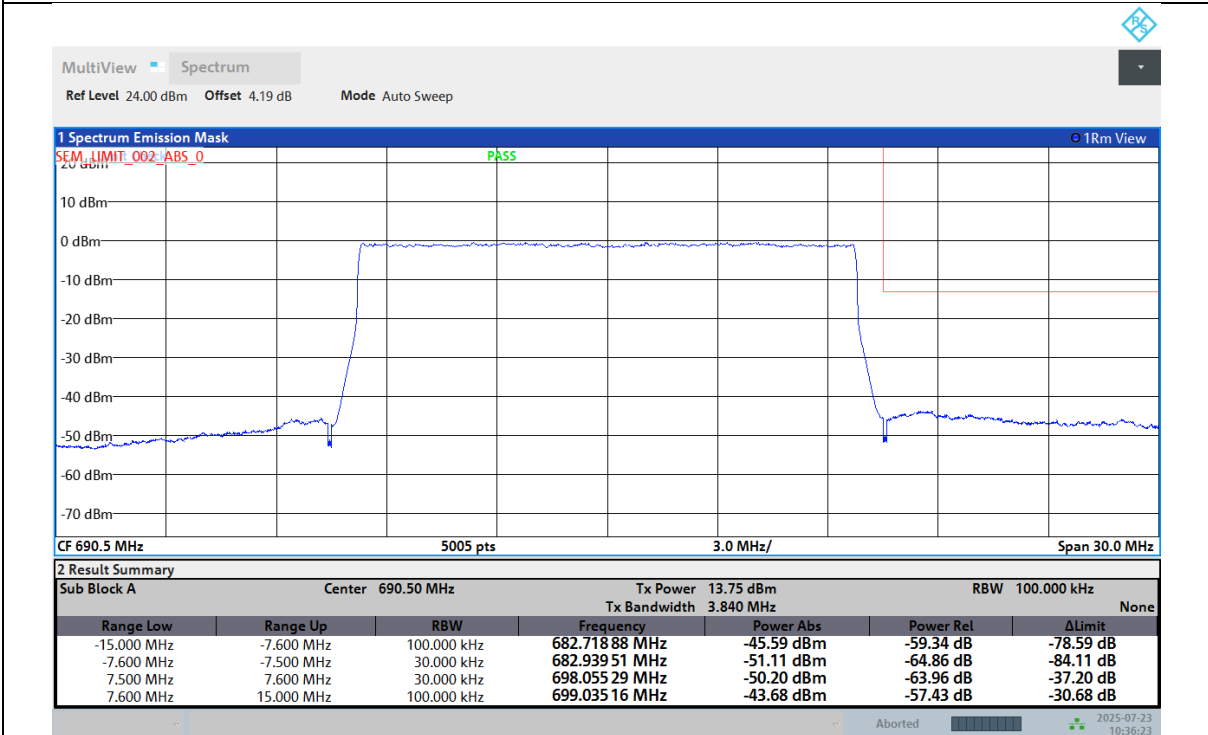
Band71-15MHz-QPSK-133197-75RB#0-PASS



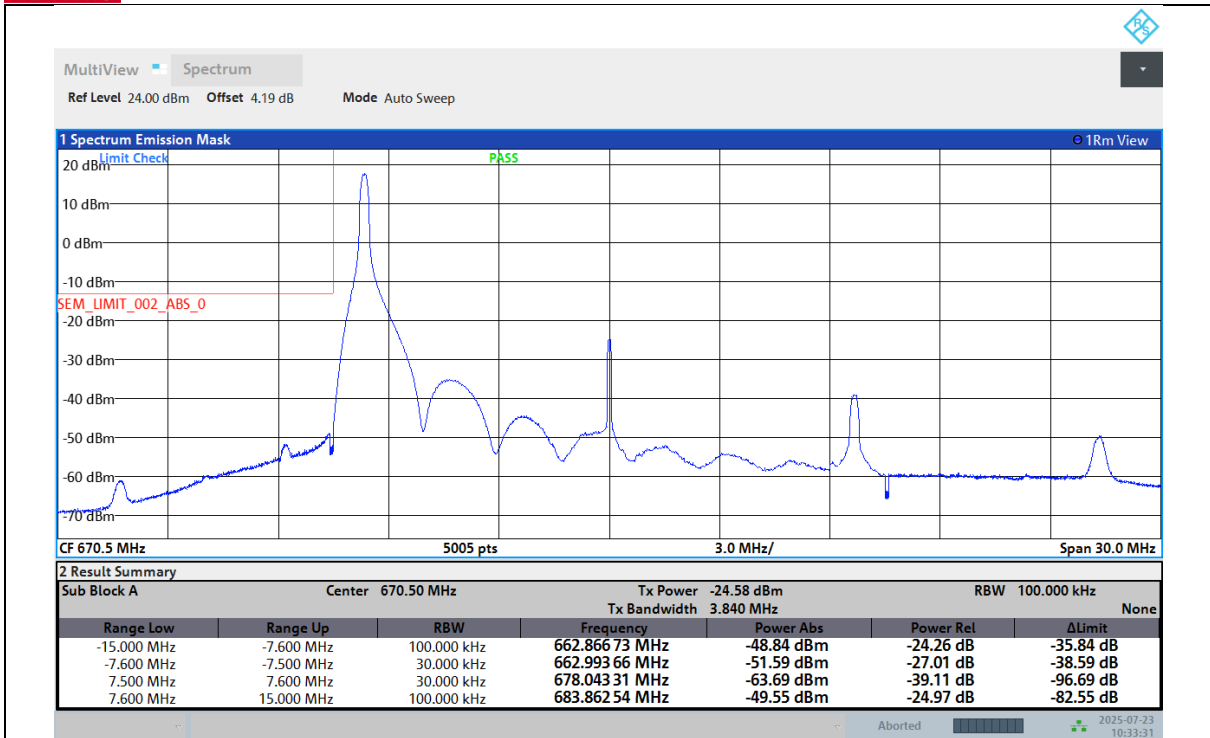
Band71-15MHz-QPSK-133397-75RB#0-PASS



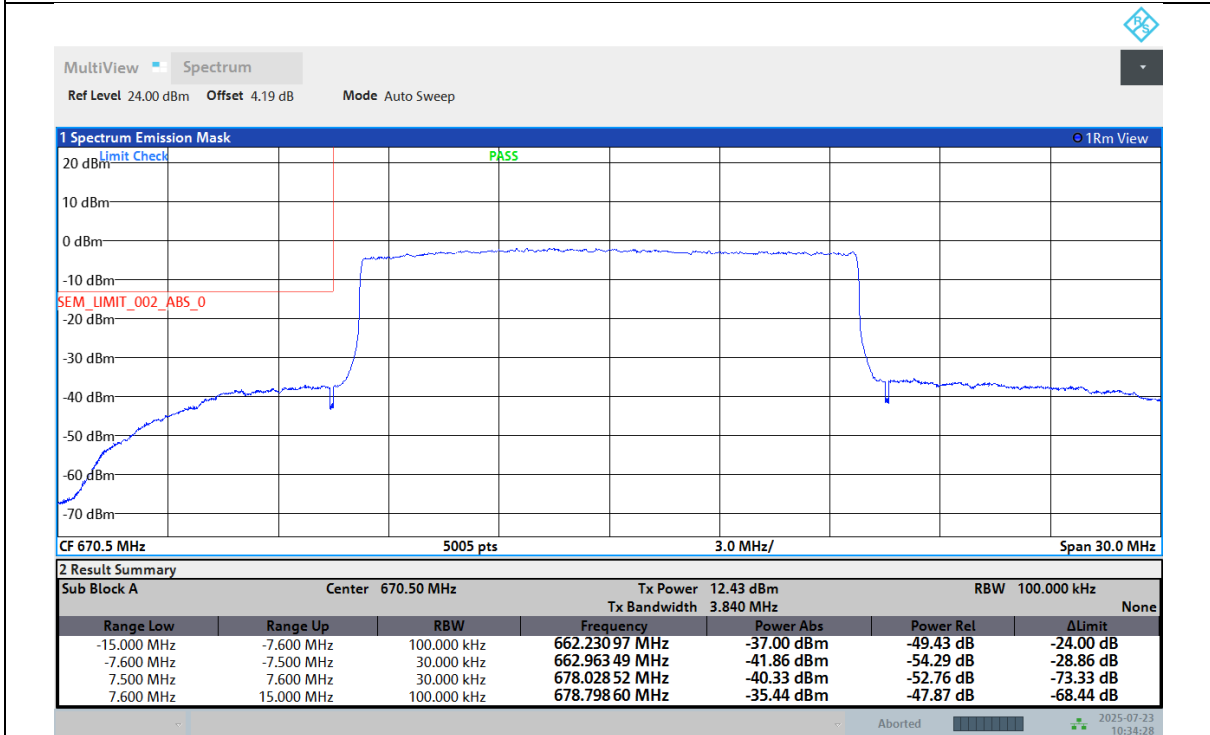
Band71-15MHz-QPSK-133397-1RB#74-PASS



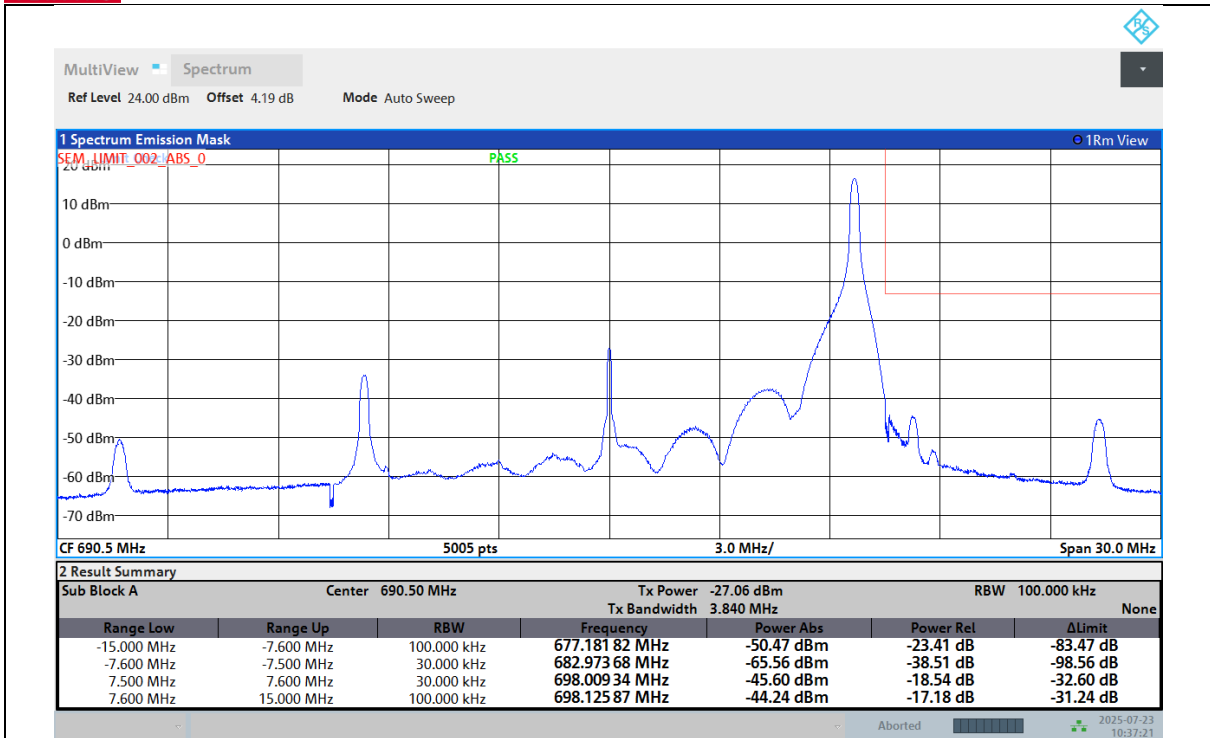
Band71-15MHz-16QAM-133197-1RB#0-PASS



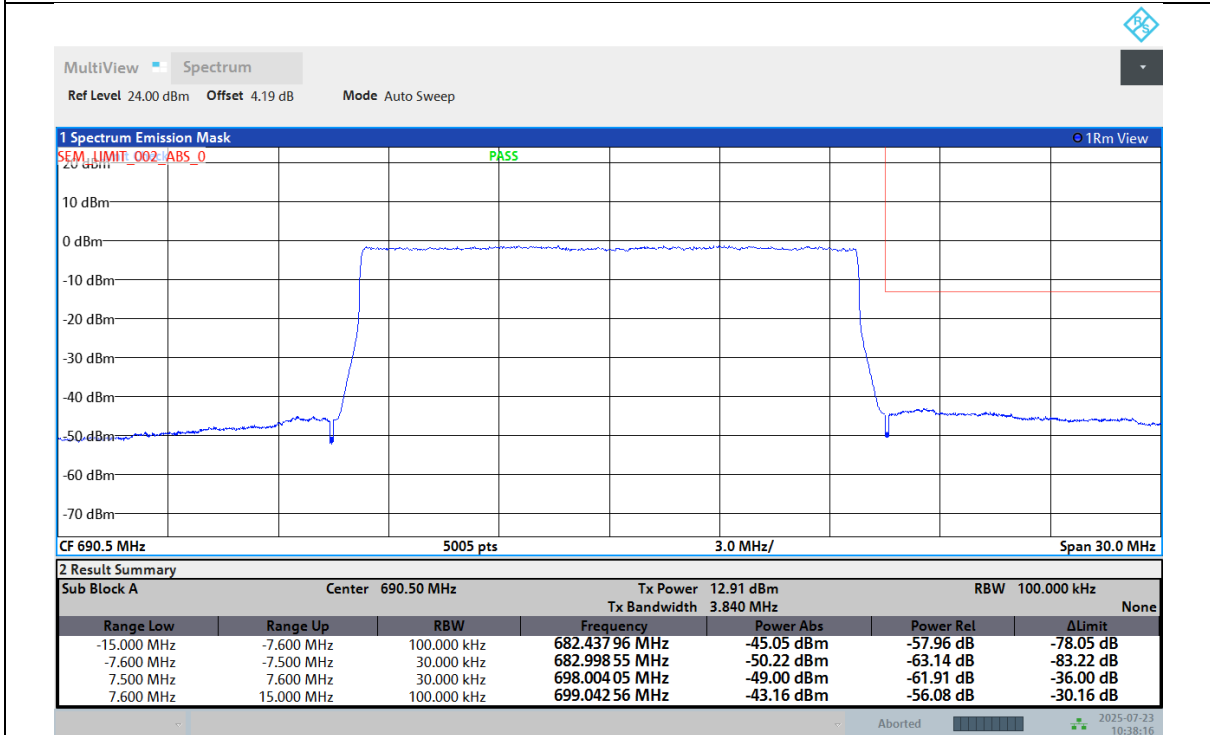
Band71-15MHz-16QAM-133197-75RB#0-PASS



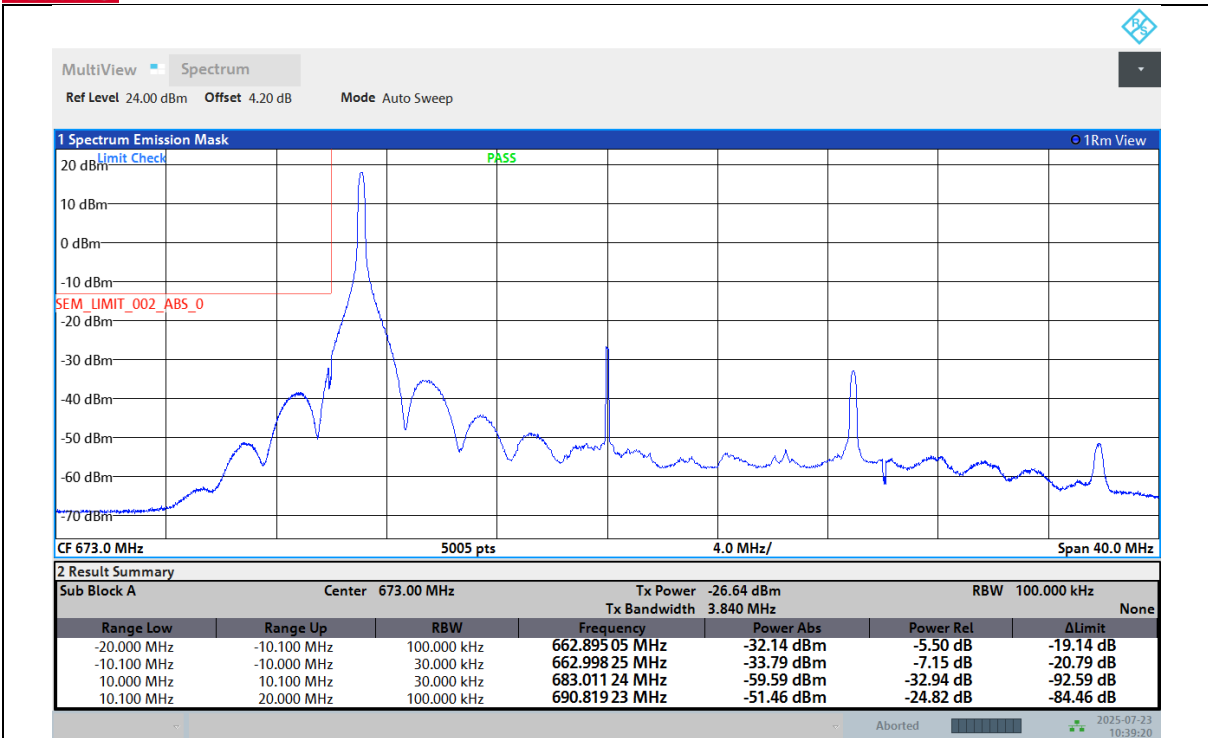
Band71-15MHz-16QAM-133397-75RB#0-PASS



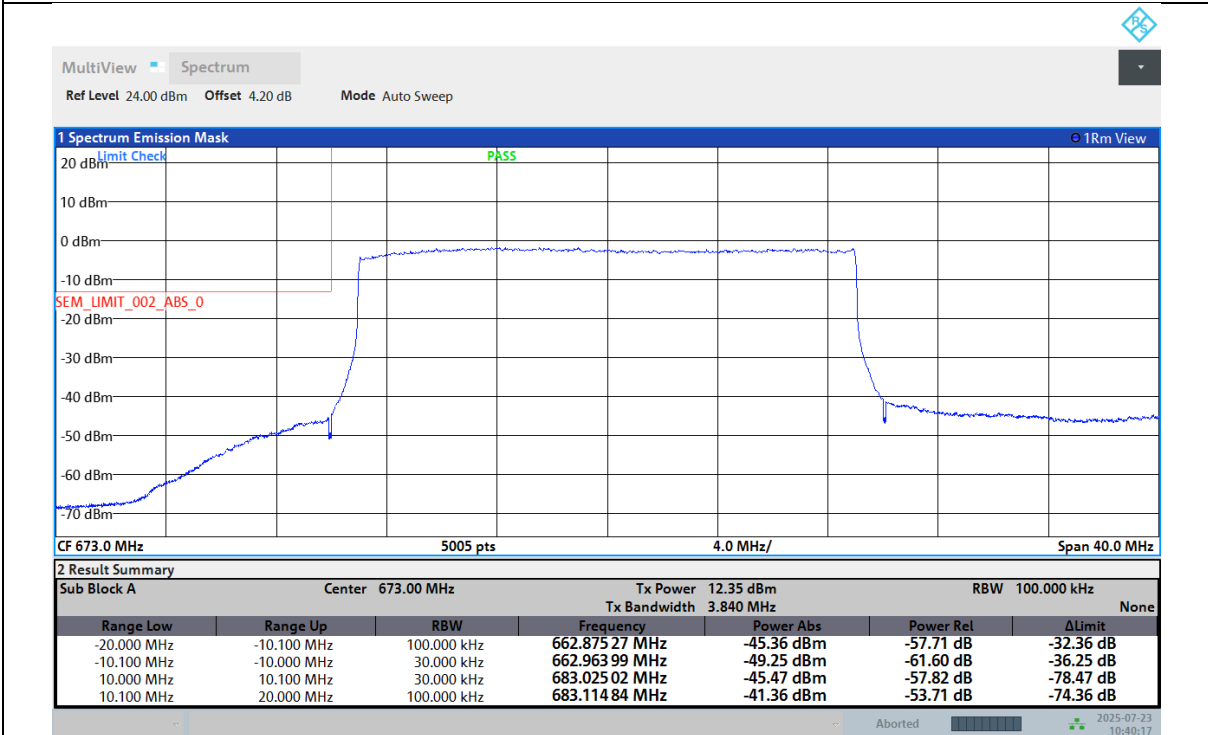
Band71-15MHz-16QAM-133397-1RB#74-PASS



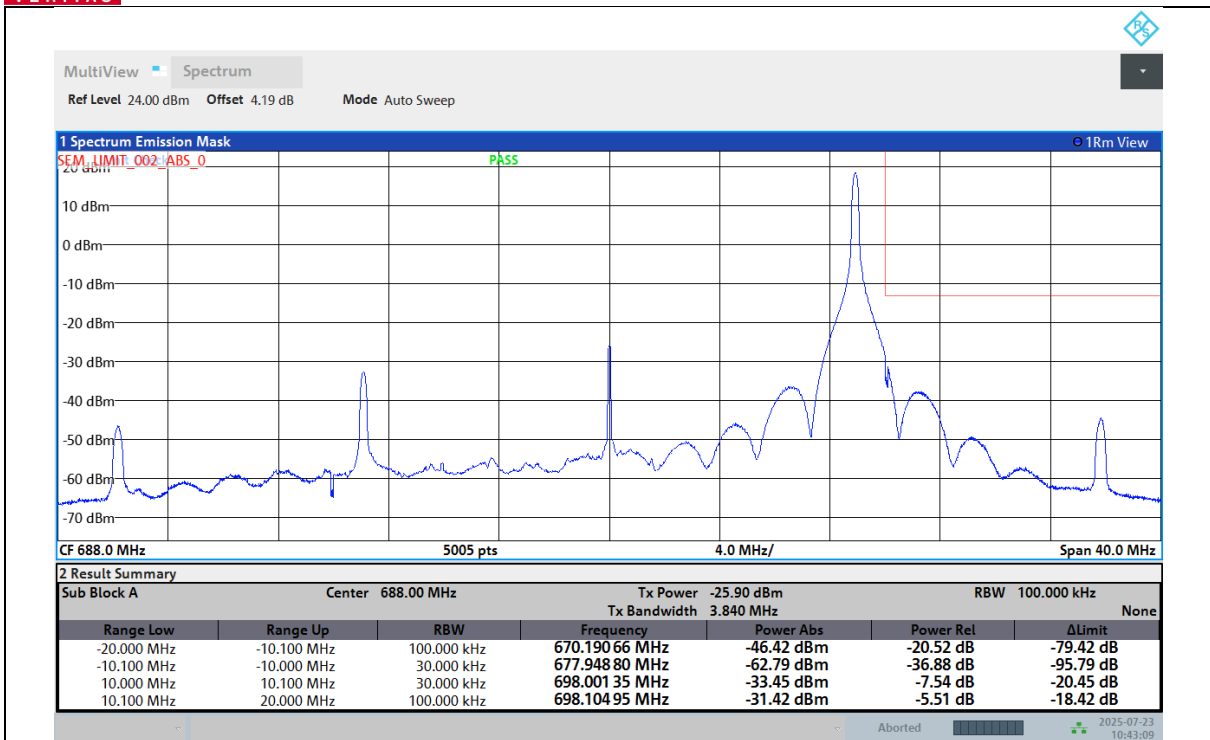
Band71-20MHz-QPSK-133222-1RB#0-PASS



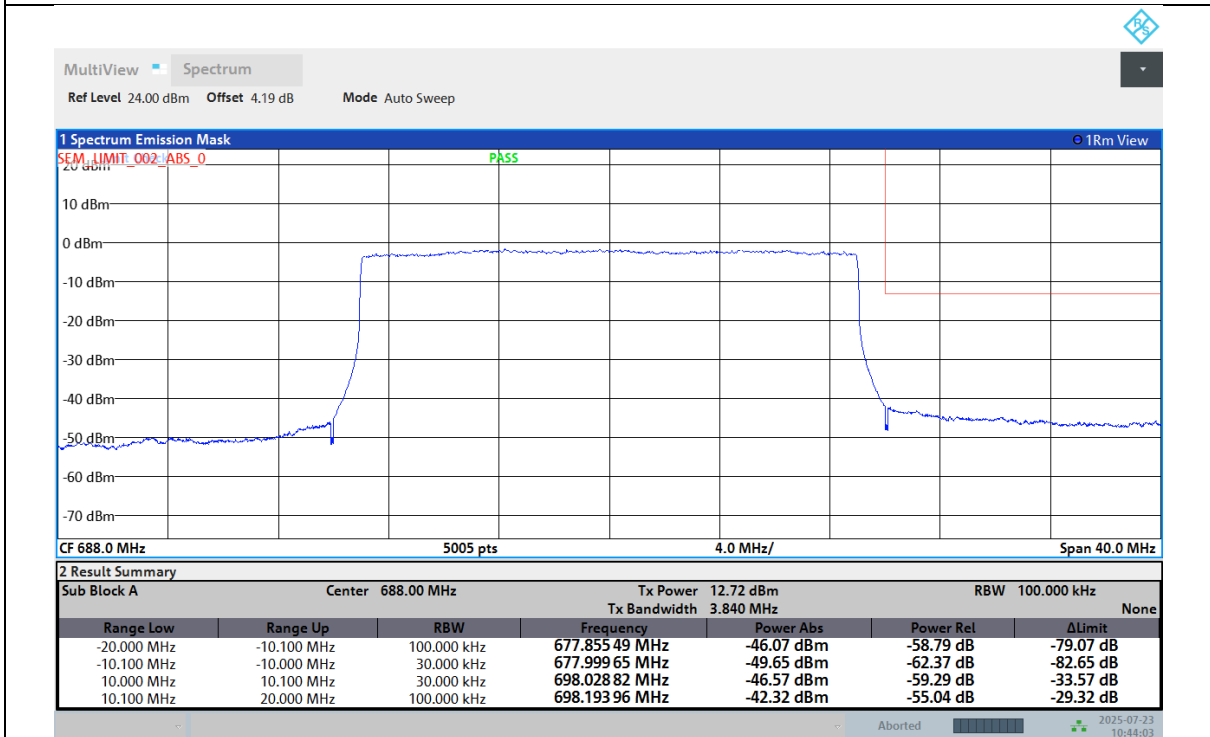
Band71-20MHz-QPSK-133222-100RB#0-PASS



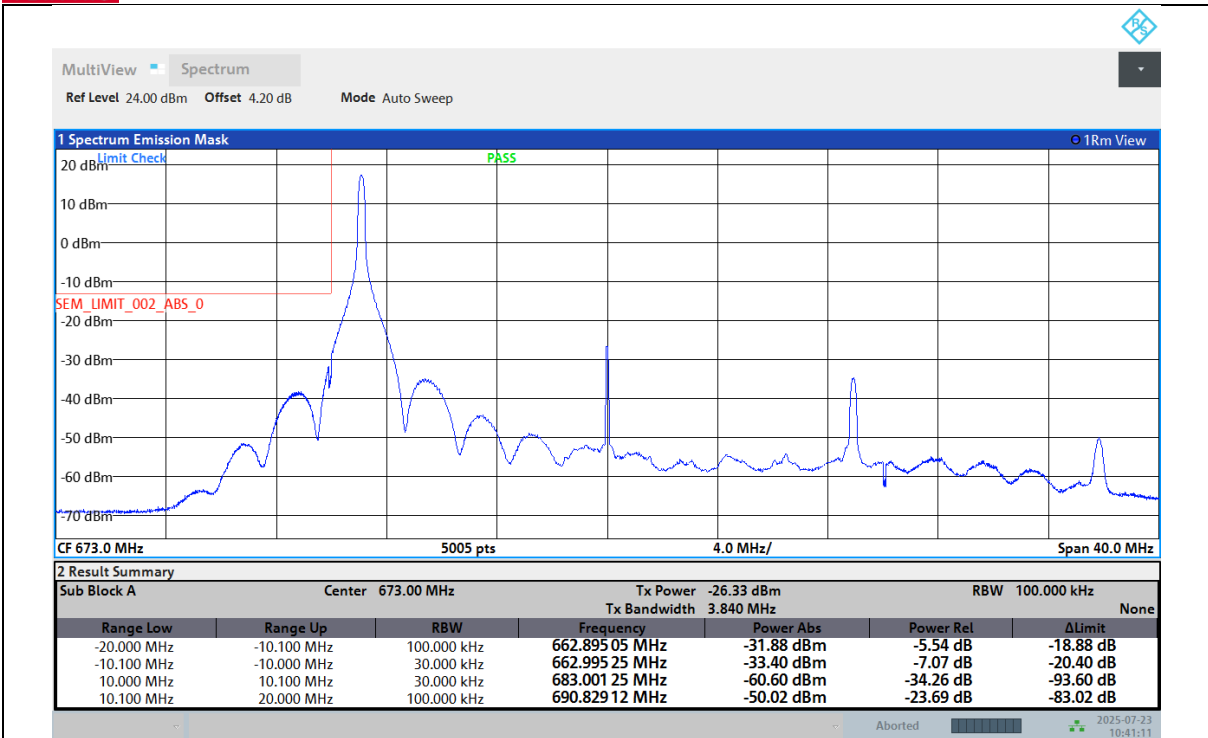
Band71-20MHz-QPSK-133372-1RB#99-PASS



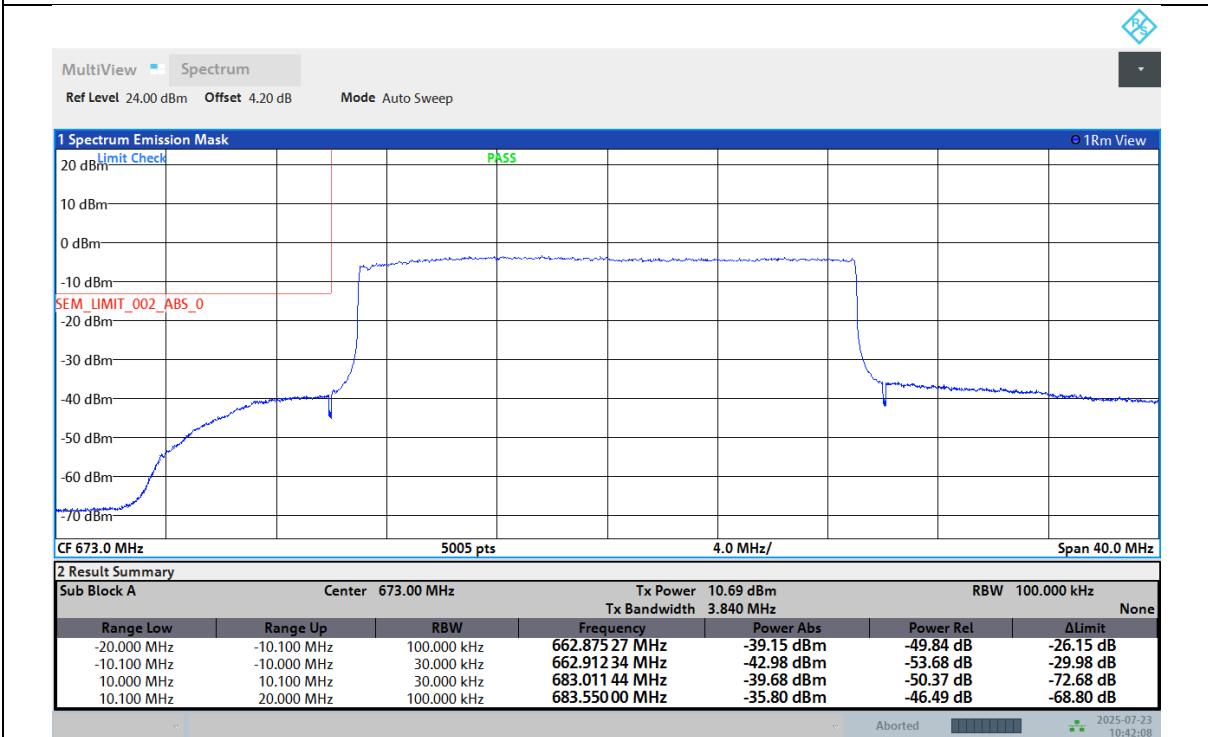
Band71-20MHz-QPSK-133372-100RB#0-PASS



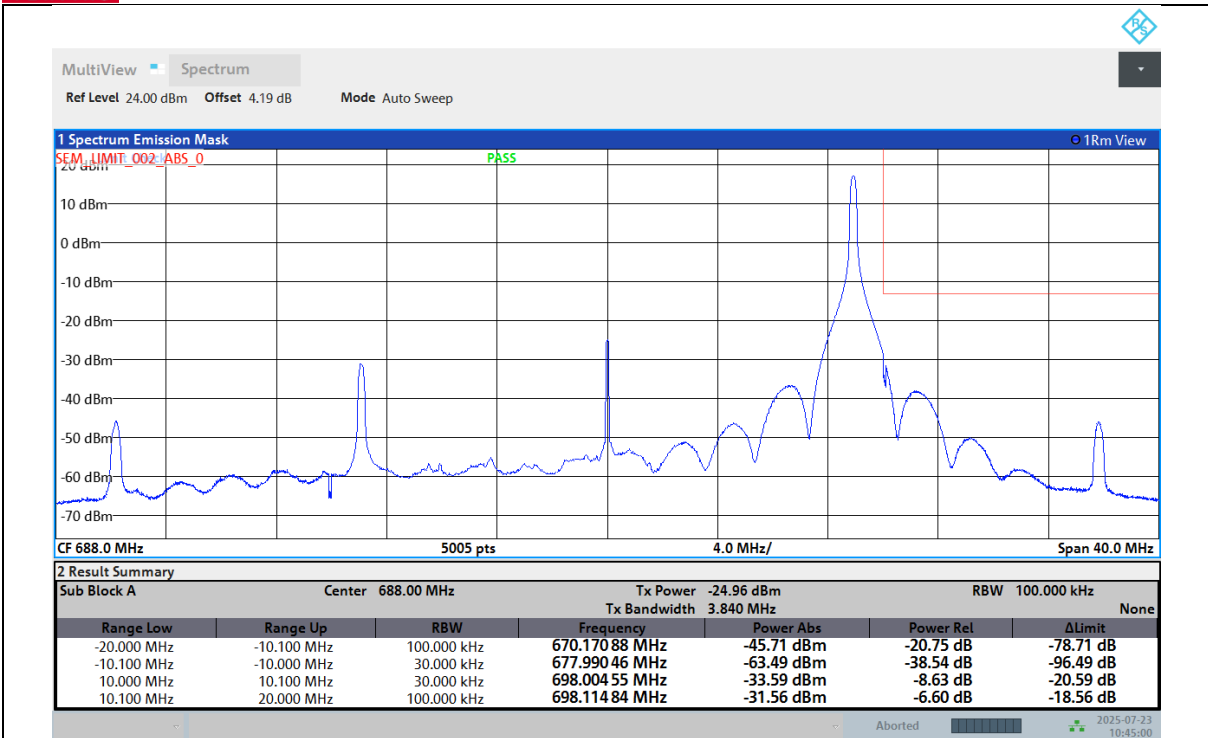
Band71-20MHz-16QAM-133222-1RB#0-PASS



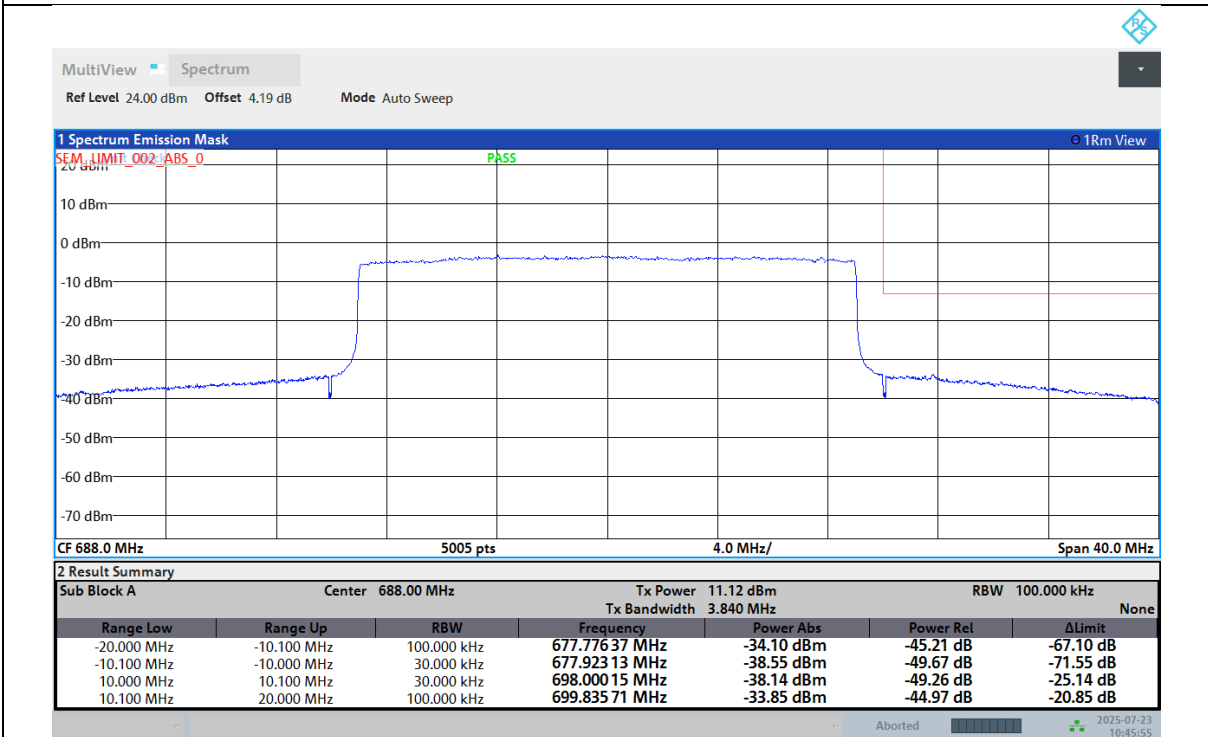
Band71-20MHz-16QAM-133222-100RB#0-PASS



Band71-20MHz-16QAM-133372-1RB#99-PASS



Band71-20MHz-16QAM-133372-100RB#0-PASS





BUREAU VERITAS Test Report No.: PSU-QSZ2507090114RF03
CONDUCTED SPURIOUS EMISSION

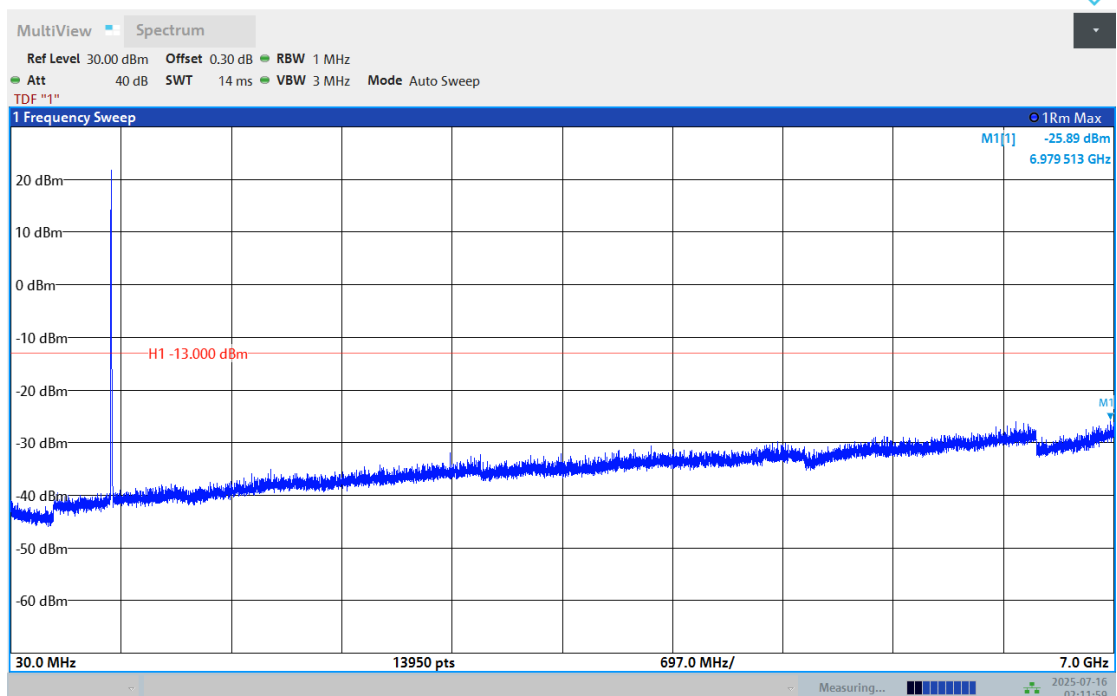
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	10MHz	QPSK	133172	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	10MHz	QPSK	133297	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	10MHz	QPSK	133422	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	15MHz	QPSK	133197	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	15MHz	QPSK	133297	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	15MHz	QPSK	133397	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range:30~7000MHz	See Graph	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range:30~7000MHz	See Graph	PASS

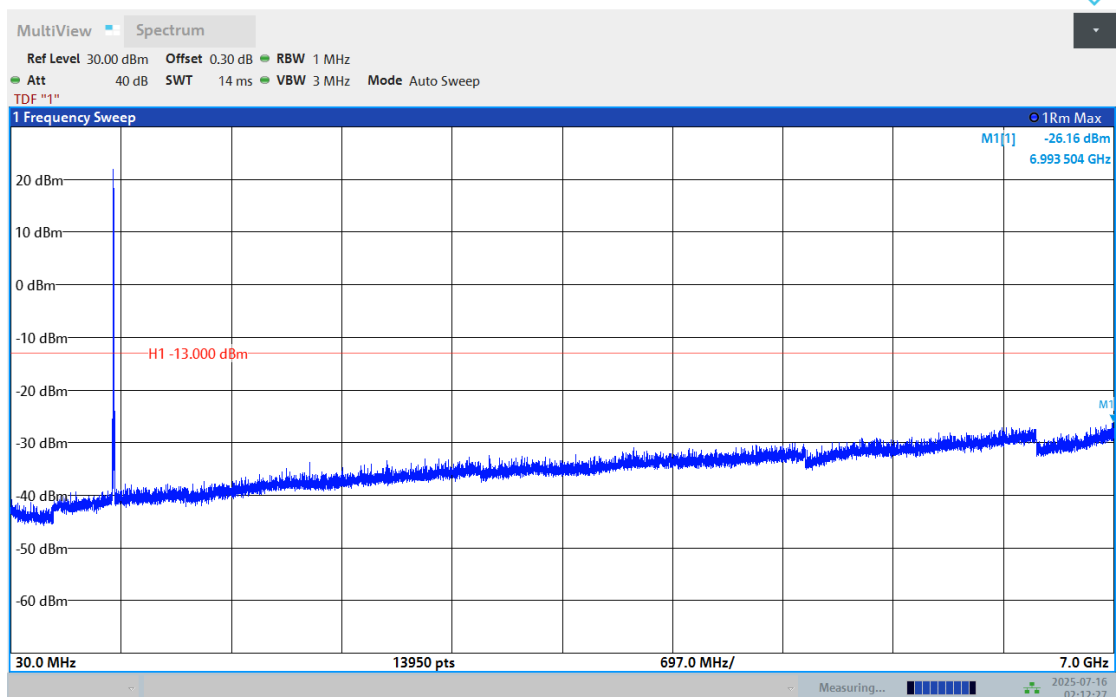


Test Graphs

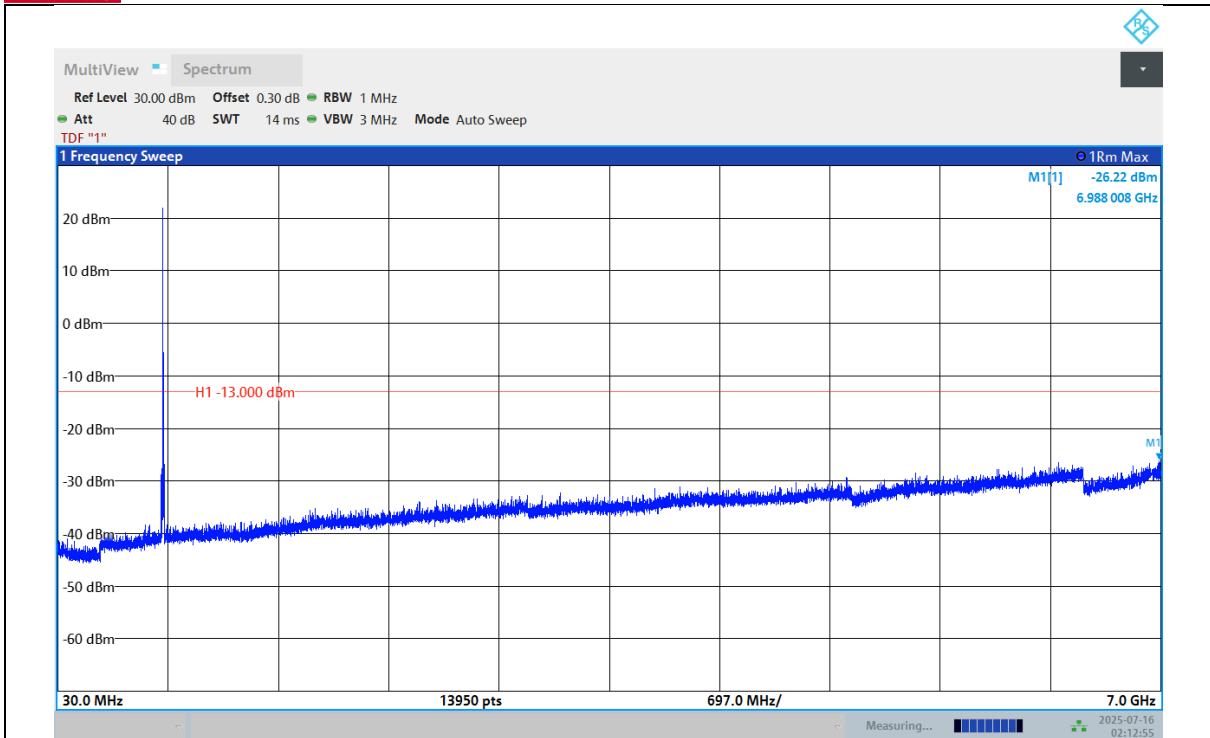
Band71-5MHz-QPSK-133147-1RB#0-Range:30~7000MHz



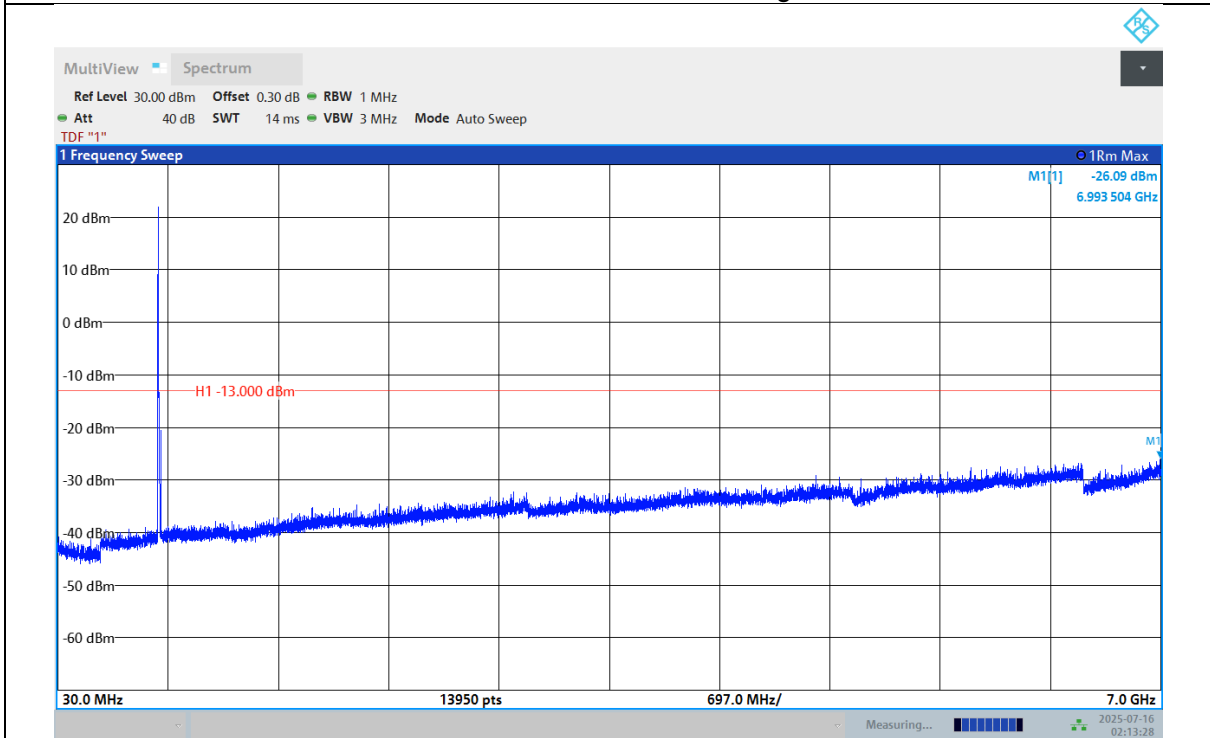
Band71-5MHz-QPSK-133297-1RB#0-Range:30~7000MHz



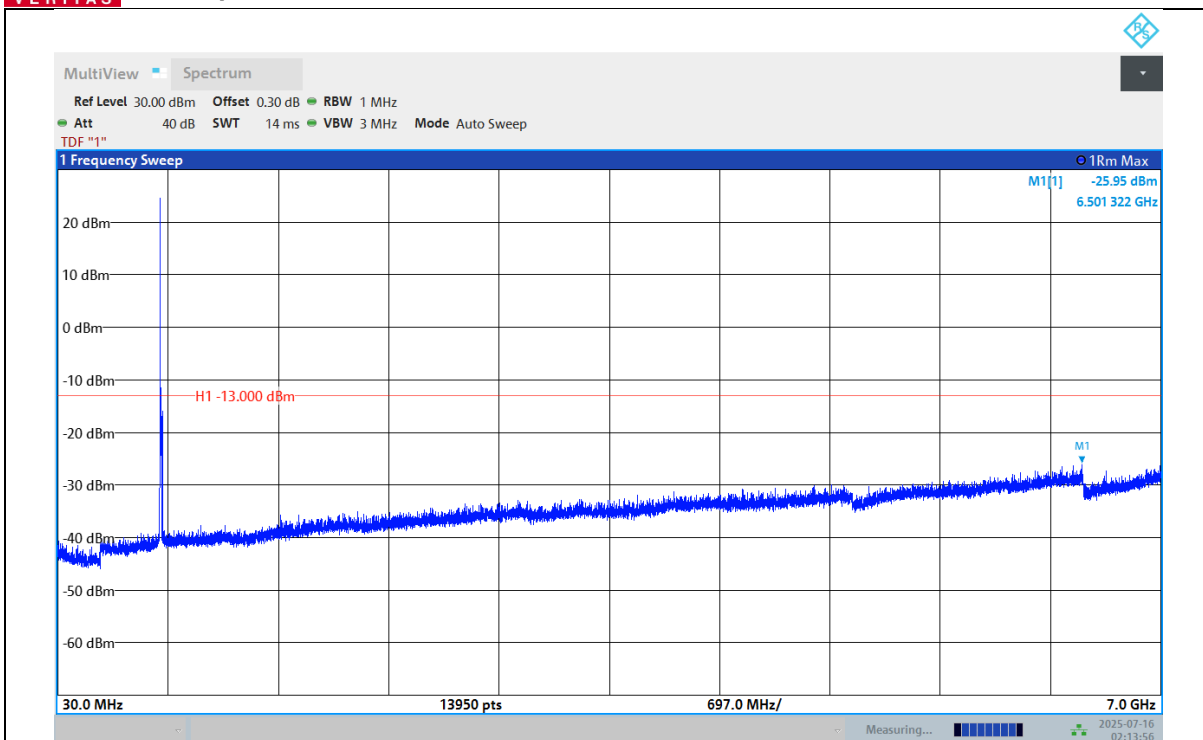
Band71-5MHz-QPSK-133447-1RB#0-Range:30~7000MHz



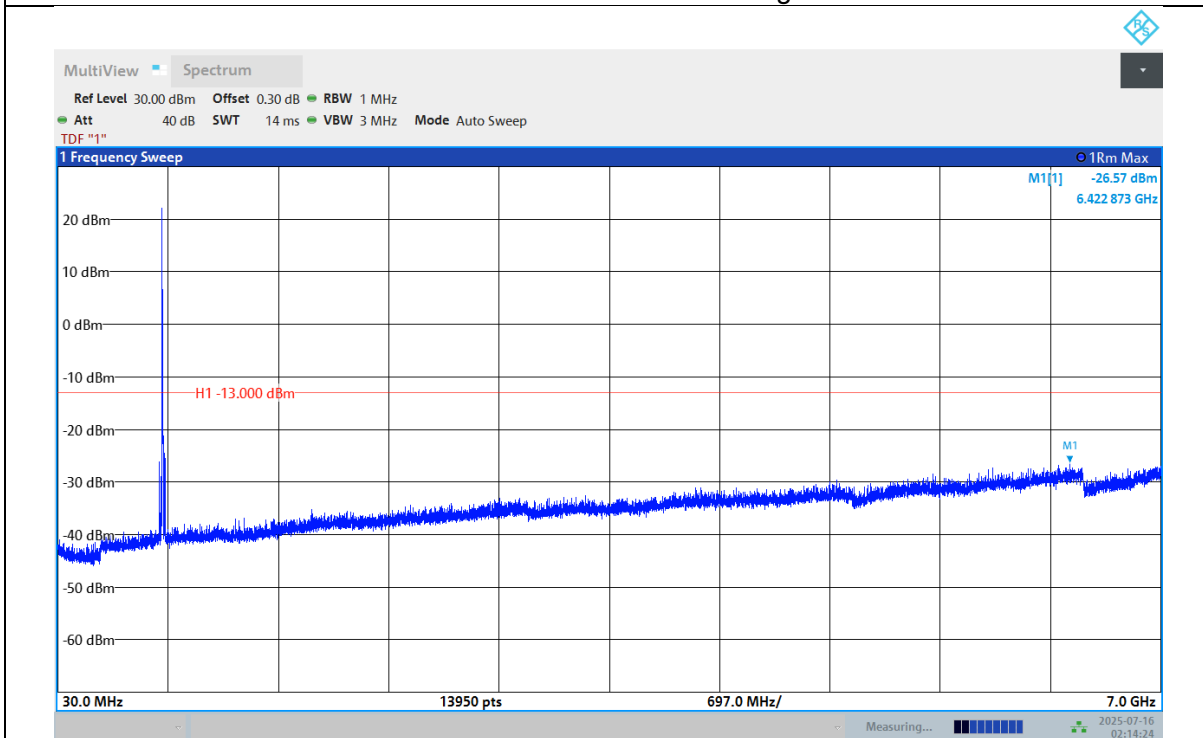
Band71-10MHz-QPSK-133172-1RB#0-Range:30~7000MHz



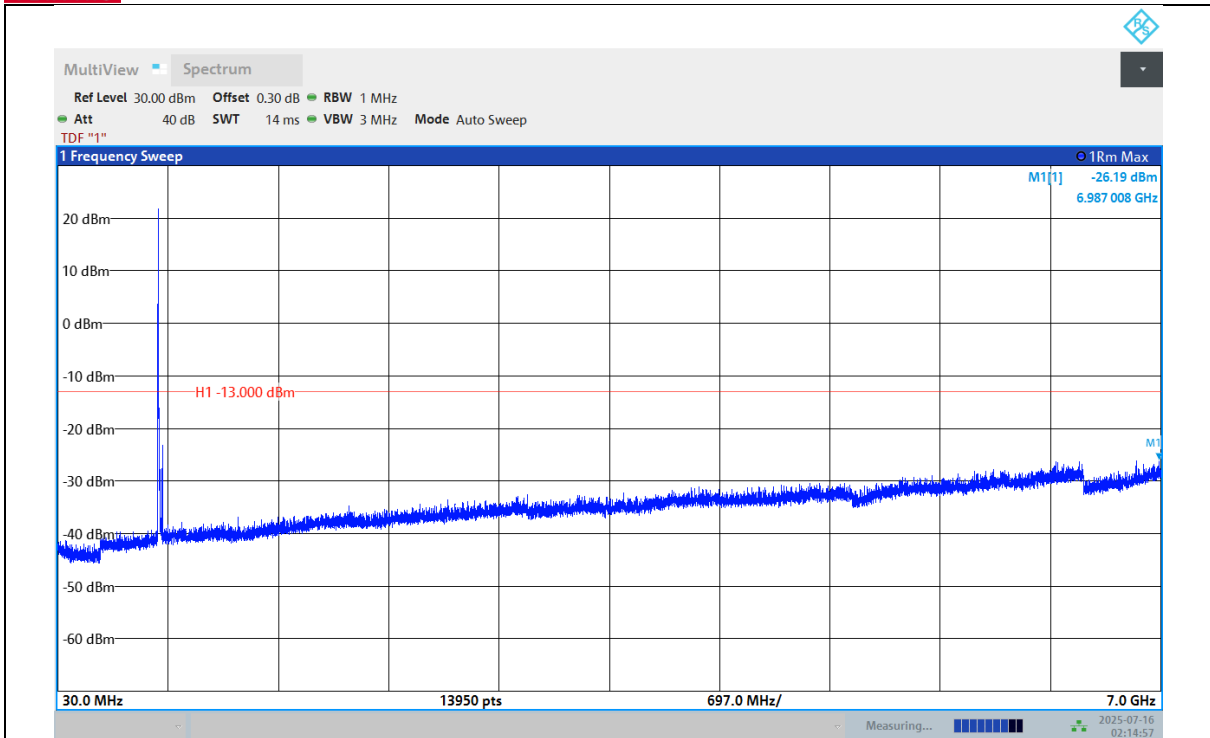
Band71-10MHz-QPSK-133297-1RB#0-Range:30~7000MHz



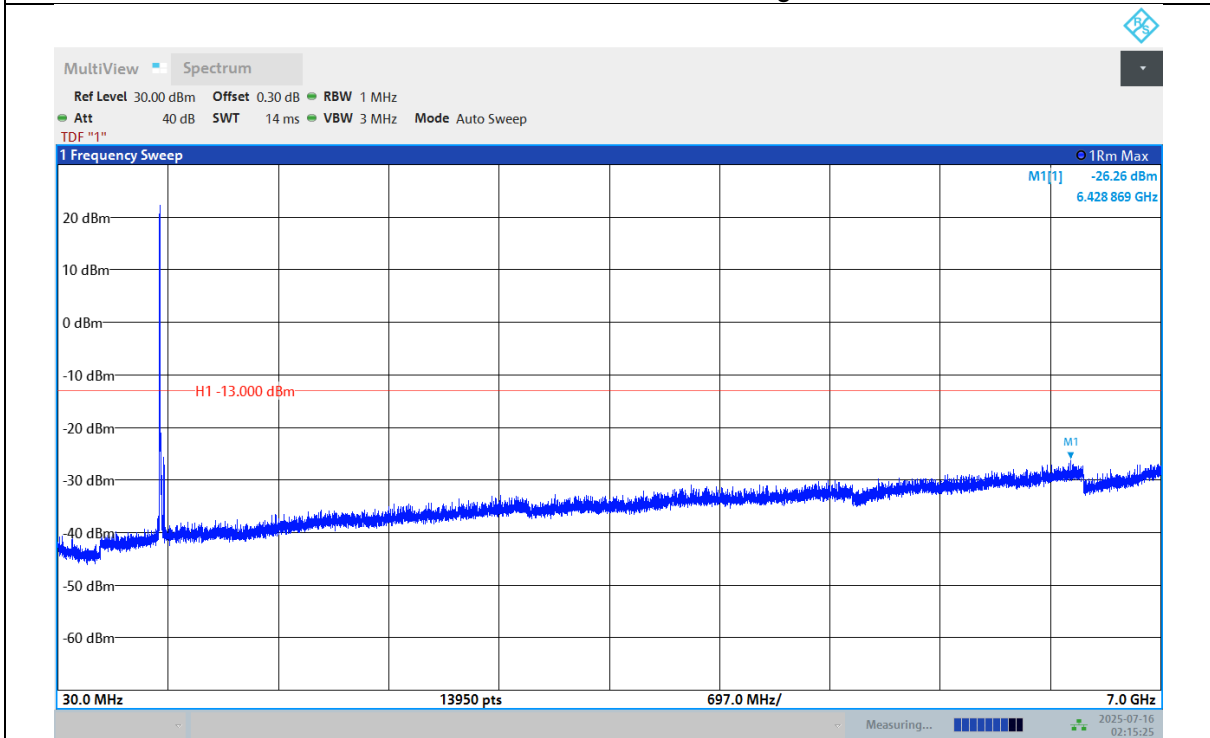
Band71-10MHz-QPSK-133422-1RB#0-Range:30~7000MHz



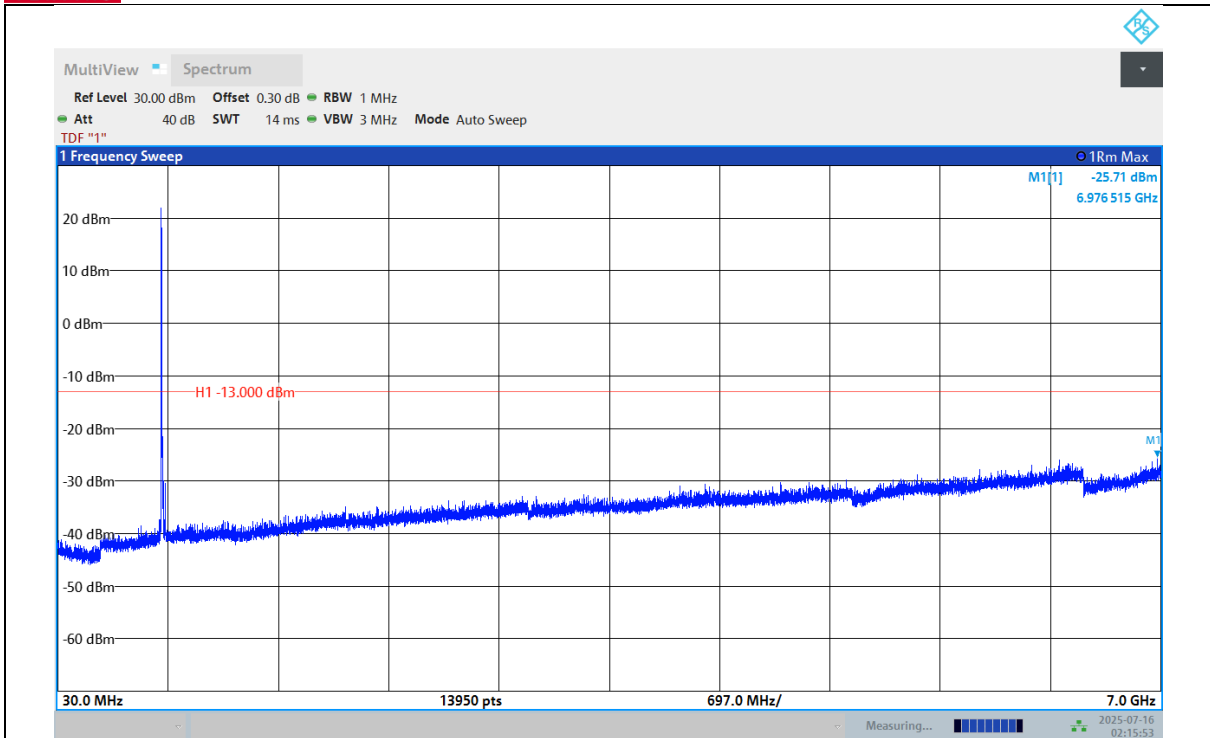
Band71-15MHz-QPSK-133197-1RB#0-Range:30~7000MHz



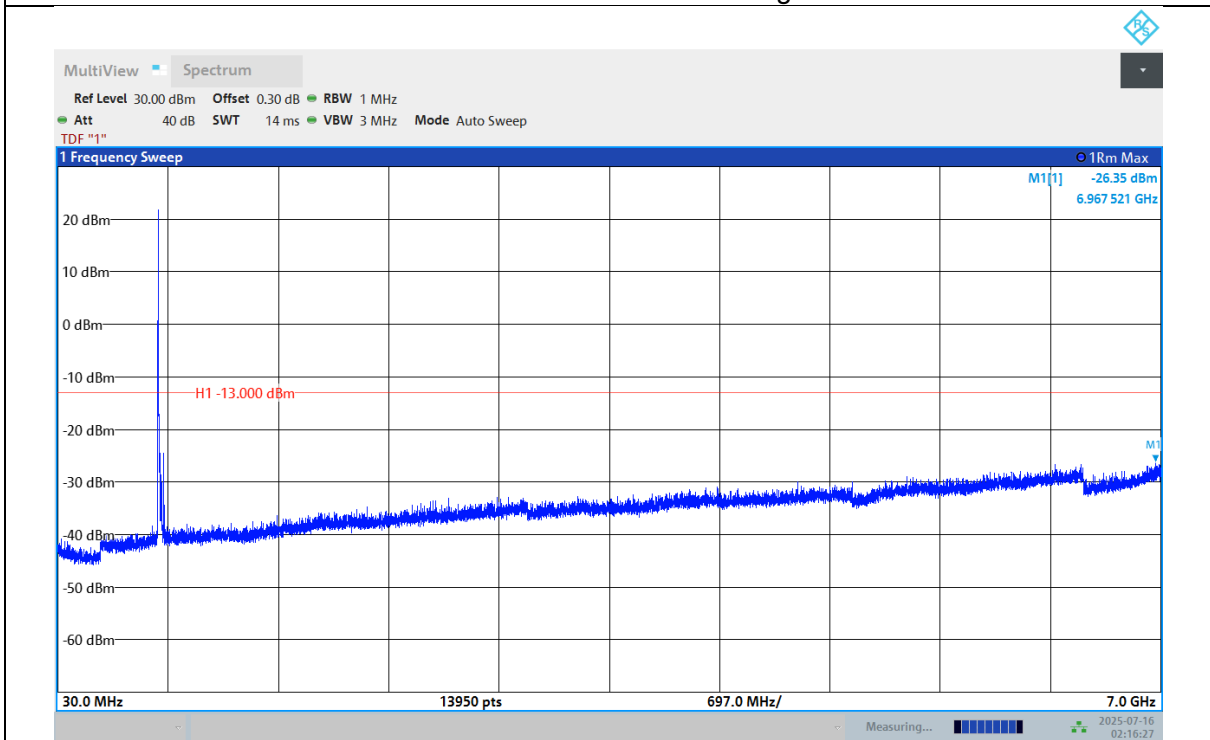
Band71-15MHz-QPSK-133297-1RB#0-Range:30~7000MHz



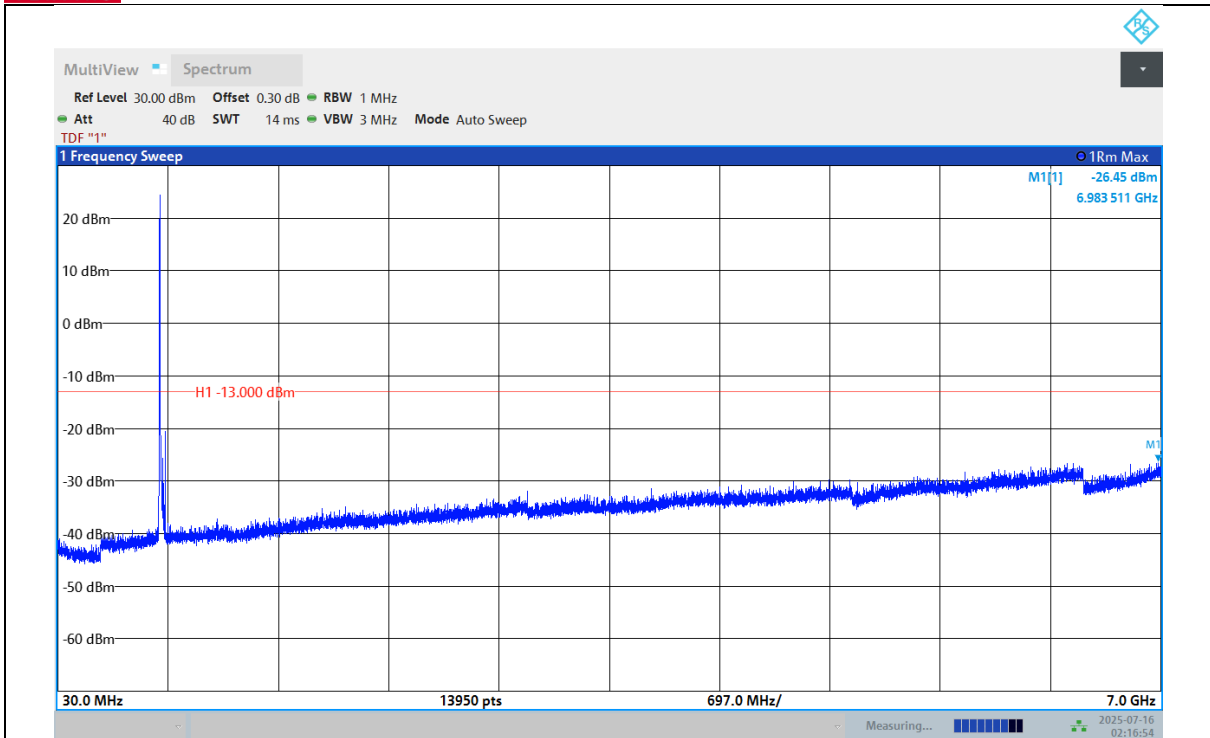
Band71-15MHz-QPSK-133397-1RB#0-Range:30~7000MHz



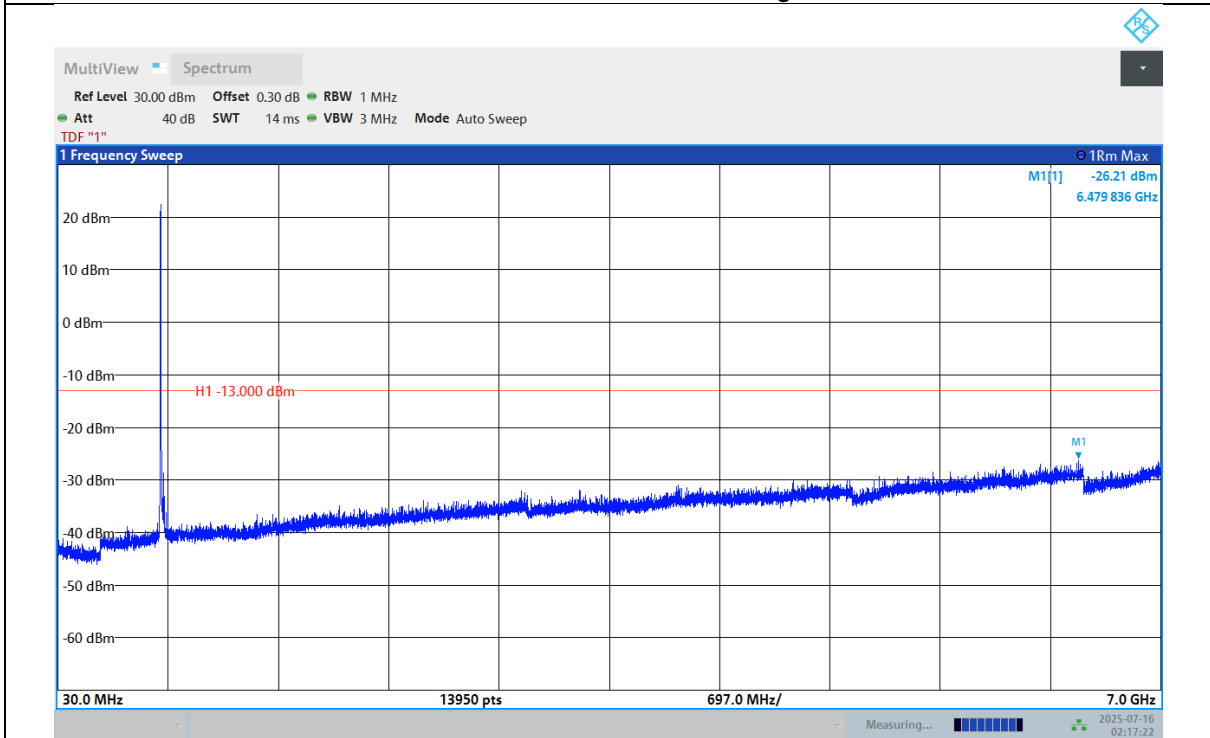
Band71-20MHz-QPSK-133222-1RB#0-Range:30~7000MHz



Band71-20MHz-QPSK-133222-1RB#0-Range:30~7000MHz



Band71-20MHz-QPSK-133372-1RB#0-Range:30~7000MHz





FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	20MHz	QPSK	133222	100RB#0	NV	NT	-57.50	-0.0854	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	HV	NT	10.00	0.0149	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	LV	NT	8.80	0.0131	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	NT	-53.70	-0.0786	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	HV	NT	8.00	0.0117	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	LV	NT	11.20	0.0164	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	NT	-33.70	-0.0490	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	HV	NT	26.60	0.0387	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	20MHz	QPSK	133222	100RB#0	NV	-30	23.80	0.0354	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	-20	-24.80	-0.0368	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	-10	24.20	0.0360	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	0	-151.50	-0.2251	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	10	-33.00	-0.0490	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	20	-129.00	-0.1917	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	30	-91.10	-0.1354	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	40	-14.20	-0.0211	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	50	-6.50	-0.0097	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-30	-23.60	-0.0346	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-20	-89.00	-0.1303	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-10	-28.30	-0.0414	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	0	-26.40	-0.0387	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	10	16.00	0.0234	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	20	-50.10	-0.0734	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	30	-20.10	-0.0294	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	40	8.70	0.0127	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	50	-154.70	-0.2265	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	-30	-99.80	-0.1451	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	-20	-129.70	-0.1885	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	-10	-26.70	-0.0388	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	0	-77.10	-0.1121	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	10	-144.60	-0.2102	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	20	-51.50	-0.0749	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	30	-60.80	-0.0884	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	40	-132.40	-0.1924	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	50	3.80	0.0055	±2.5	PASS

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