



BAND EDGE

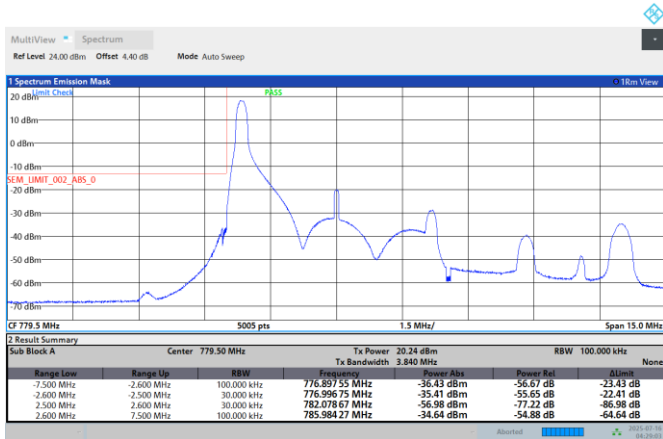
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	See Graph	PASS
Band13	5MHz	QPSK	23205	25RB#0	See Graph	PASS
Band13	5MHz	QPSK	23255	1RB#24	See Graph	PASS
Band13	5MHz	QPSK	23255	25RB#0	See Graph	PASS
Band13	5MHz	16QAM	23205	1RB#0	See Graph	PASS
Band13	5MHz	16QAM	23205	25RB#0	See Graph	PASS
Band13	5MHz	16QAM	23255	1RB#24	See Graph	PASS
Band13	5MHz	16QAM	23255	25RB#0	See Graph	PASS
Band13	10MHz	QPSK	23230	1RB#0	See Graph	PASS
Band13	10MHz	QPSK	23230	1RB#49	See Graph	PASS
Band13	10MHz	QPSK	23230	50RB#0	See Graph	PASS
Band13	10MHz	16QAM	23230	1RB#0	See Graph	PASS
Band13	10MHz	16QAM	23230	1RB#49	See Graph	PASS
Band13	10MHz	16QAM	23230	50RB#0	See Graph	PASS

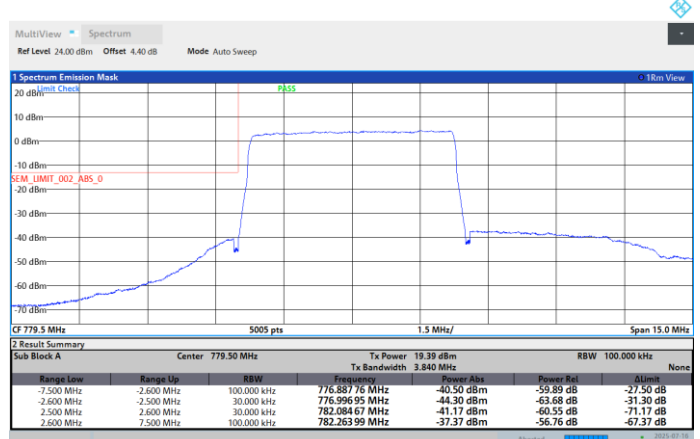


Test Graphs

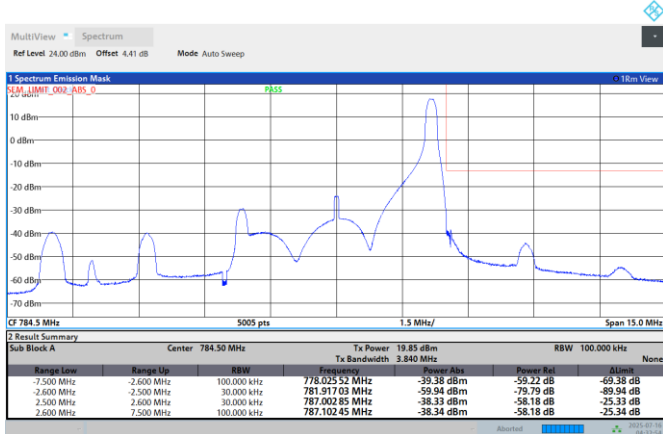
Band13-5MHz-QPSK-23205-1RB#0



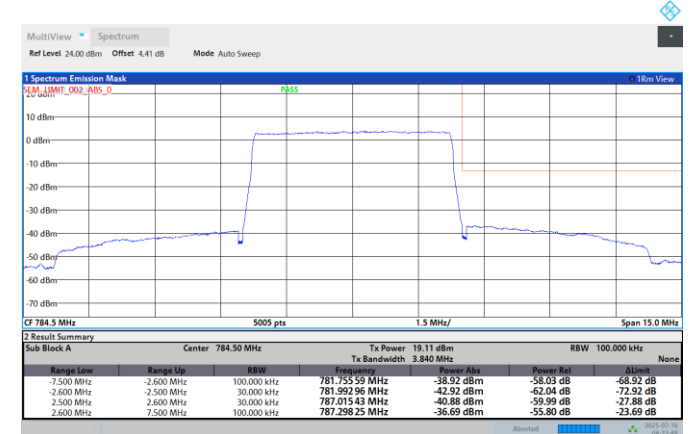
Band13-5MHz-QPSK-23205-25RB#0



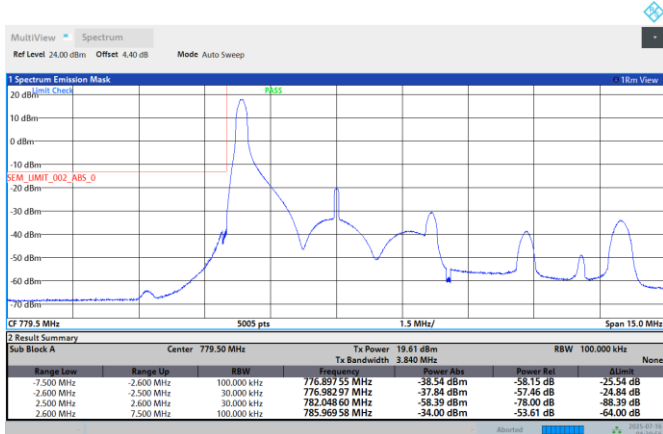
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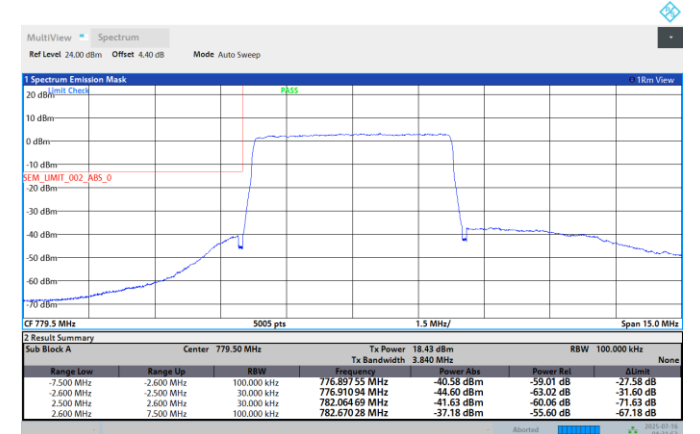
Band13-5MHz-QPSK-23255-25RB#0



Band13-5MHz-16QAM-23205-1RB#0

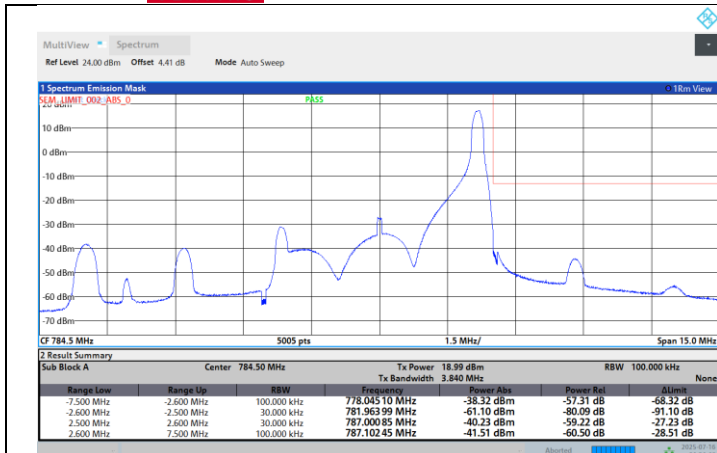


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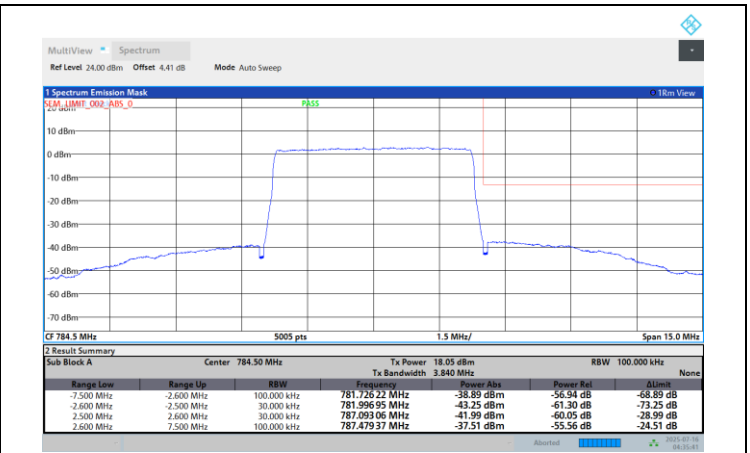


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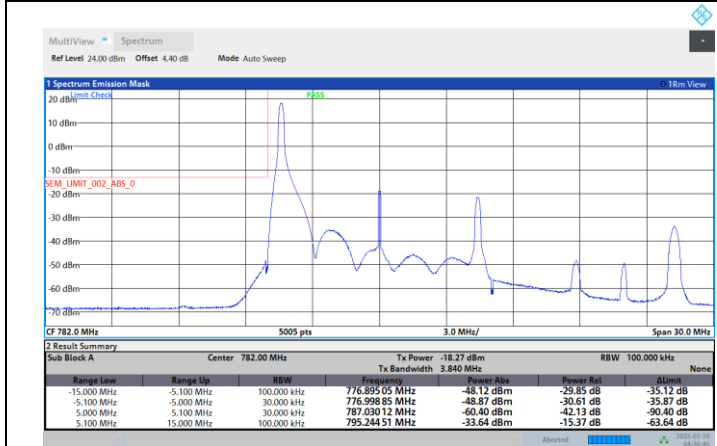
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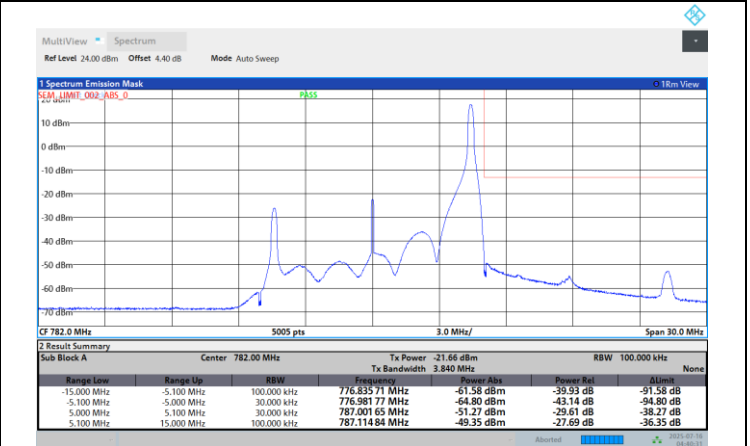
Band13-10MHz-QPSK-23230-1RB#0



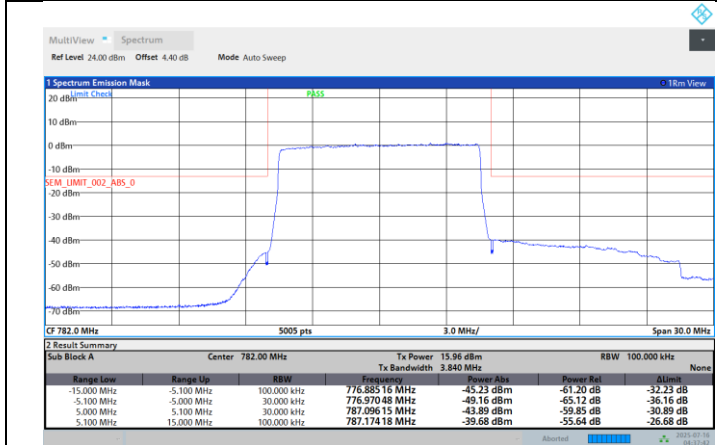
Band13-10MHz-QPSK-23230-1RB#49



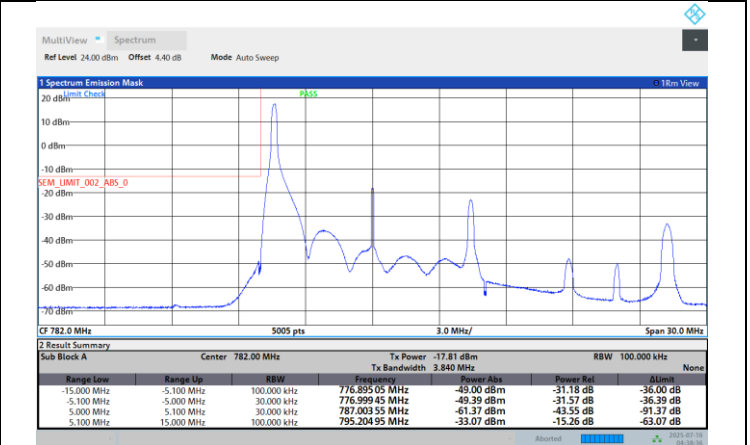
Band13-10MHz-QPSK-23230-50RB#0



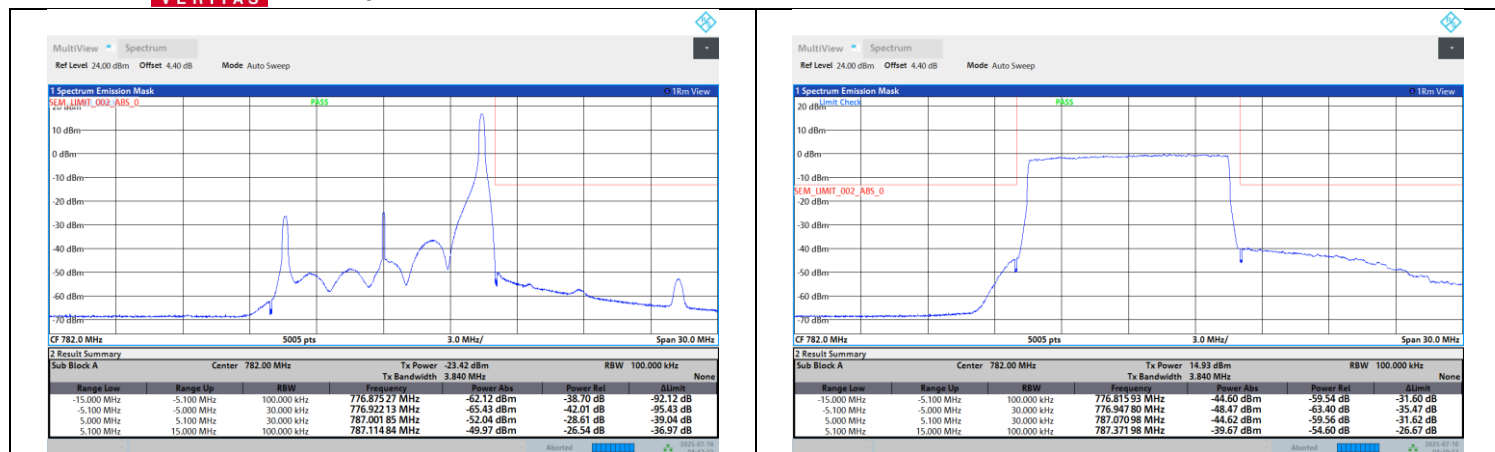
Band13-10MHz-16QAM-23230-1RB#0



Band13-10MHz-16QAM-23230-1RB#49



Band13-10MHz-16QAM-23230-50RB#0





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range:30~7870MHz	See Graph	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range:763~775MHz	See Graph	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range:793~806MHz	See Graph	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range:30~7870MHz	See Graph	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range:763~775MHz	See Graph	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range:793~806MHz	See Graph	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range:30~7870MHz	See Graph	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range:763~775MHz	See Graph	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range:793~806MHz	See Graph	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range:30~7870MHz	See Graph	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range:763~775MHz	See Graph	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range:793~806MHz	See Graph	PASS

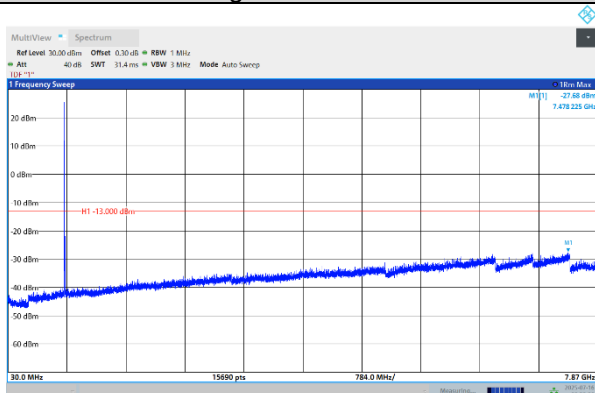


BUREAU
VERITAS

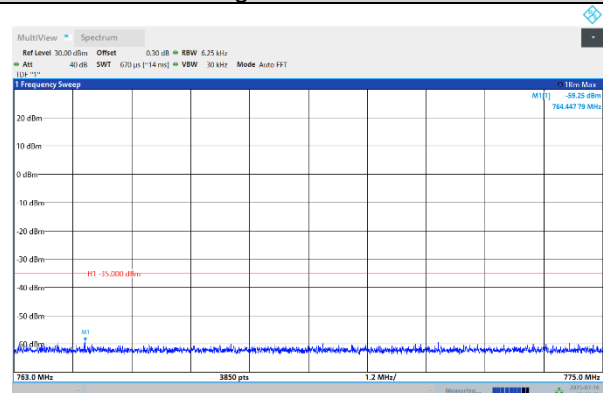
Test Report No.: PSU-QSZ2507090114RF03

Test Graphs

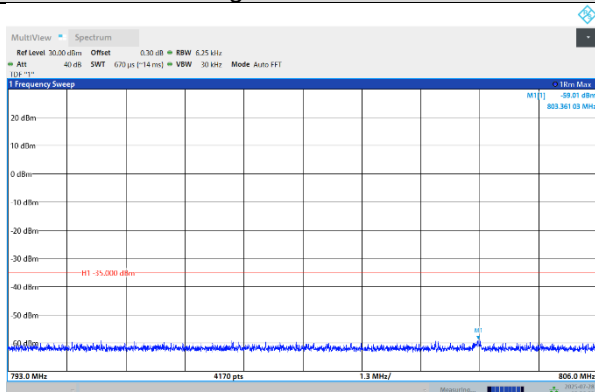
Band13-5MHz-QPSK-23205-1RB#0-
Range:30~7870MHz



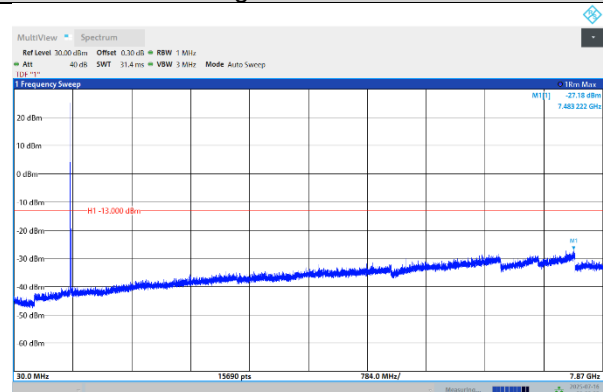
Band13-5MHz-QPSK-23205-1RB#0-
Range:763~775MHz



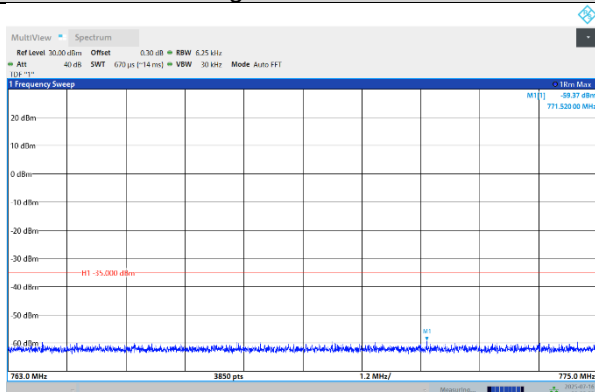
Band13-5MHz-QPSK-23205-1RB#0-
Range:793~806MHz



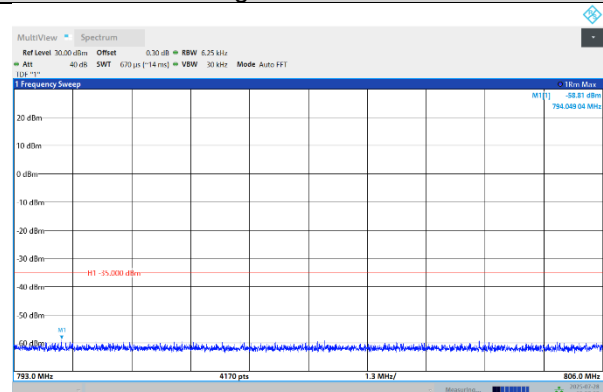
Band13-5MHz-QPSK-23230-1RB#0-
Range:30~7870MHz



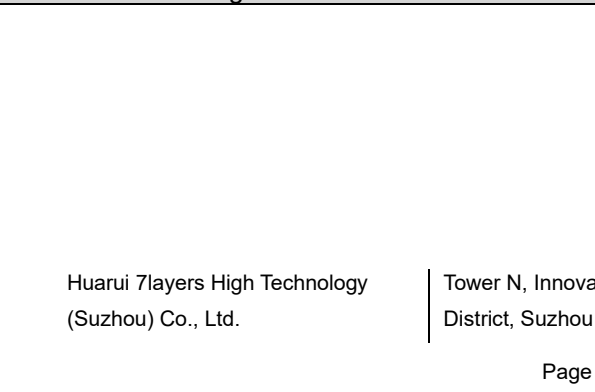
Band13-5MHz-QPSK-23230-1RB#0-
Range:763~775MHz



Band13-5MHz-QPSK-23230-1RB#0-
Range:793~806MHz

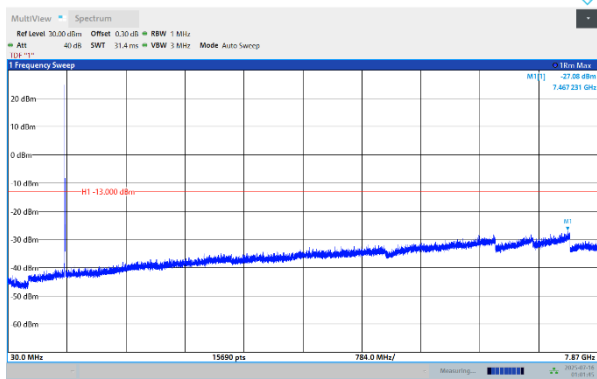


Band13-5MHz-QPSK-23255-1RB#0-
Range:30~7870MHz

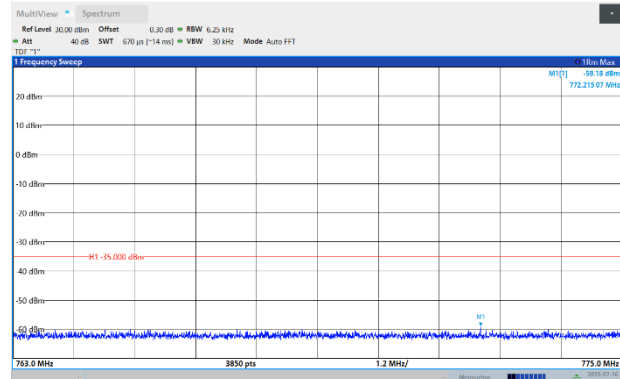


Band13-5MHz-QPSK-23255-1RB#0-
Range:763~775MHz

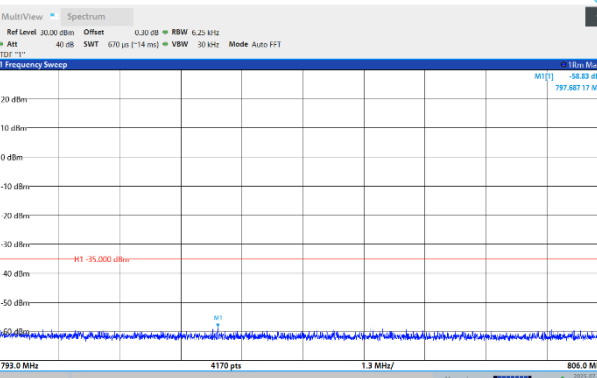




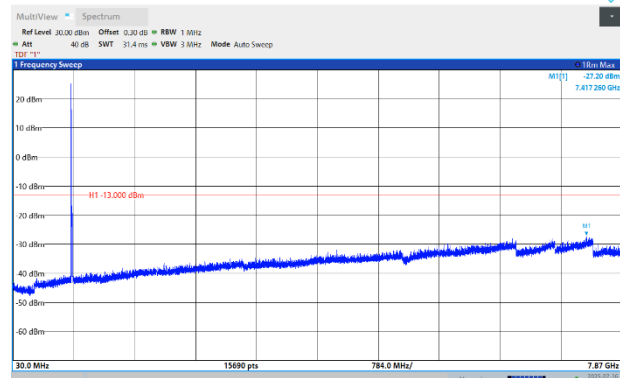
Band13-5MHz-QPSK-23255-1RB#0-
Range:793~806MHz



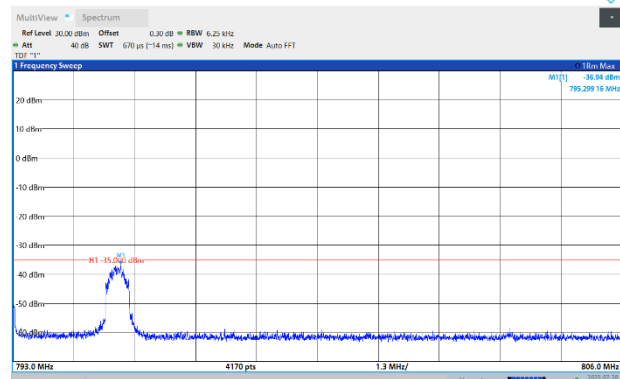
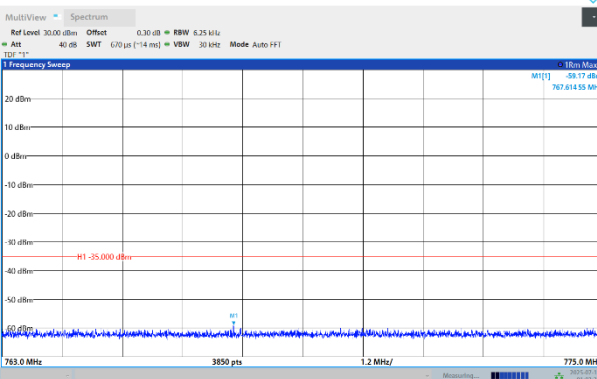
Band13-10MHz-QPSK-23230-1RB#0-
Range:30~7870MHz



Band13-10MHz-QPSK-23230-1RB#0-
Range:763~775MHz



Band13-10MHz-QPSK-23230-1RB#0-
Range:793~806MHz





FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	LV	NT	-13.48	-0.0172	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	NT	-91.45	-0.1169	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	HV	NT	-54.40	-0.0696	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-93.12	-0.1191	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-111.47	-0.1425	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-84.27	-0.1078	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-83.91	-0.1073	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-132.74	-0.1697	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-168.04	-0.2149	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	5.44	0.0070	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-14.74	-0.0188	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-109.41	-0.1399	±2.5	PASS



LTE BAND71

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
5MHz	QPSK	133147	1RB Low	3.78	13	PASS
5MHz	QPSK	133147	Full RB	4.98	13	PASS
5MHz	16QAM	133147	1RB Low	4.70	13	PASS
5MHz	16QAM	133147	Full RB	5.90	13	PASS
5MHz	QPSK	133297	1RB Low	4.14	13	PASS
5MHz	QPSK	133297	Full RB	4.88	13	PASS
5MHz	16QAM	133297	1RB Low	5.08	13	PASS
5MHz	16QAM	133297	Full RB	5.82	13	PASS
5MHz	QPSK	133447	1RB Low	3.50	13	PASS
5MHz	QPSK	133447	Full RB	4.70	13	PASS
5MHz	16QAM	133447	1RB Low	4.24	13	PASS
5MHz	16QAM	133447	Full RB	5.44	13	PASS
10MHz	QPSK	133172	1RB Low	4.42	13	PASS
10MHz	QPSK	133172	Full RB	5.58	13	PASS
10MHz	16QAM	133172	1RB Low	5.26	13	PASS
10MHz	16QAM	133172	Full RB	6.42	13	PASS
10MHz	QPSK	133297	1RB Low	4.88	13	PASS
10MHz	QPSK	133297	Full RB	5.42	13	PASS
10MHz	16QAM	133297	1RB Low	5.90	13	PASS
10MHz	16QAM	133297	Full RB	6.26	13	PASS
10MHz	QPSK	133422	1RB Low	4.24	13	PASS
10MHz	QPSK	133422	Full RB	5.16	13	PASS
10MHz	16QAM	133422	1RB Low	5.08	13	PASS
10MHz	16QAM	133422	Full RB	6.00	13	PASS
15MHz	QPSK	133197	1RB Low	4.24	13	PASS
15MHz	QPSK	133197	Full RB	5.44	13	PASS
15MHz	16QAM	133197	1RB Low	5.08	13	PASS
15MHz	16QAM	133197	Full RB	6.44	13	PASS
15MHz	QPSK	133297	1RB Low	4.70	13	PASS
15MHz	QPSK	133297	Full RB	5.36	13	PASS
15MHz	16QAM	133297	1RB Low	5.74	13	PASS
15MHz	16QAM	133297	Full RB	6.18	13	PASS
15MHz	QPSK	133397	1RB Low	3.96	13	PASS
15MHz	QPSK	133397	Full RB	4.98	13	PASS
15MHz	16QAM	133397	1RB Low	4.72	13	PASS
15MHz	16QAM	133397	Full RB	5.82	13	PASS
20MHz	QPSK	133222	1RB Low	3.86	13	PASS
20MHz	QPSK	133222	Full RB	5.06	13	PASS
20MHz	16QAM	133222	1RB Low	4.70	13	PASS
20MHz	16QAM	133222	Full RB	6.10	13	PASS
20MHz	QPSK	133322	1RB Low	4.52	13	PASS
20MHz	QPSK	133322	Full RB	4.98	13	PASS
20MHz	16QAM	133322	1RB Low	5.44	13	PASS
20MHz	16QAM	133322	Full RB	5.82	13	PASS

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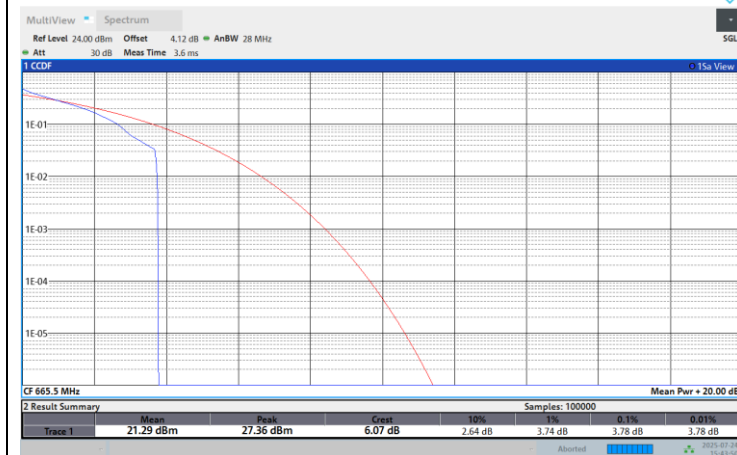
BUREAU VERITAS Test Report No.: PSU-QSZ2507090114RF03

20MHz	QPSK	133372	1RB Low	4.14	13	PASS
20MHz	QPSK	133372	Full RB	4.78	13	PASS
20MHz	16QAM	133372	1RB Low	5.08	13	PASS
20MHz	16QAM	133372	Full RB	5.64	13	PASS

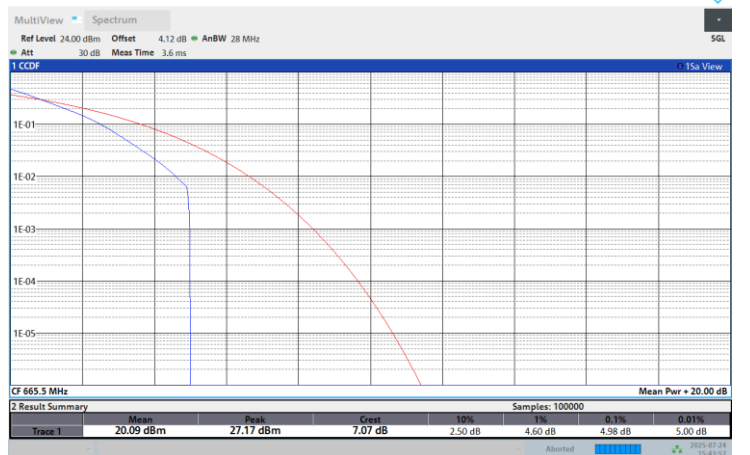


Test Graphs

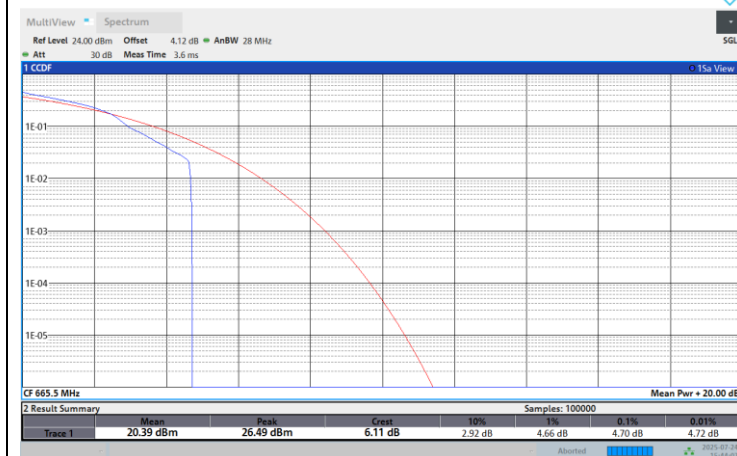
Band71-5M-Low-QPSK-1RB Low



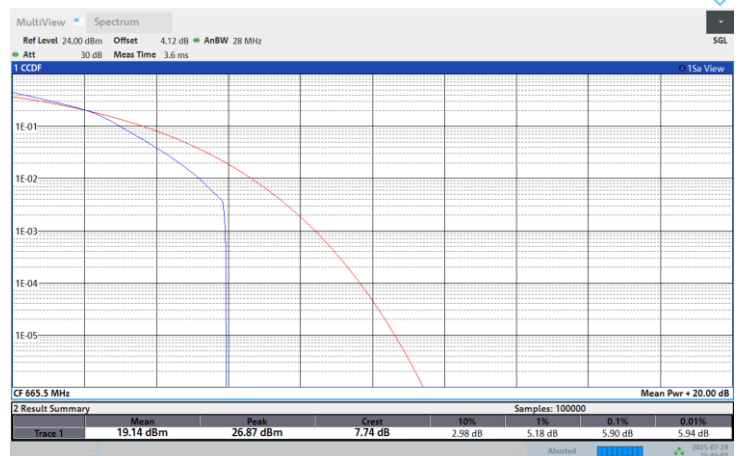
Band71-5M-Low-QPSK-Full RB



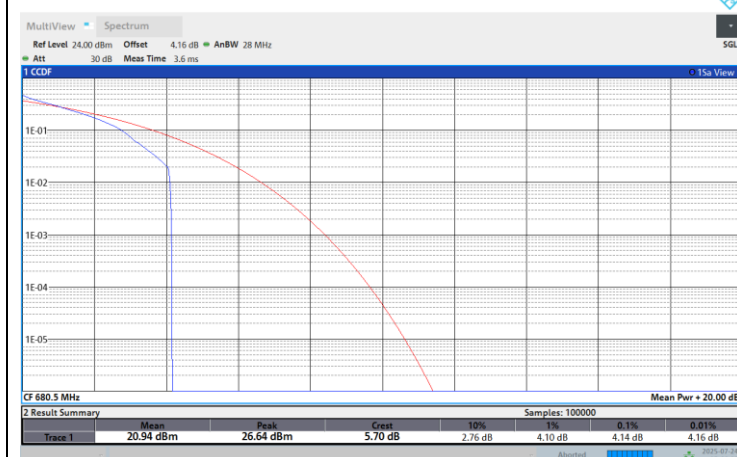
Band71-5M-Low-16QAM-1RB Low



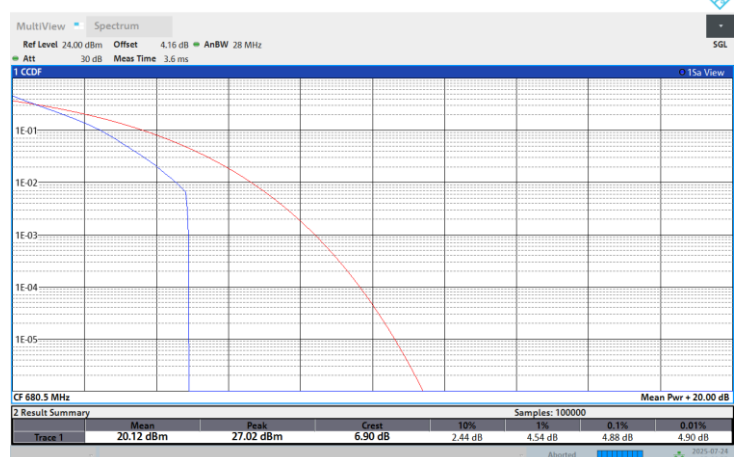
Band71-5M-Low-16QAM-Full RB



Band71-5M-Mid-QPSK-1RB Low

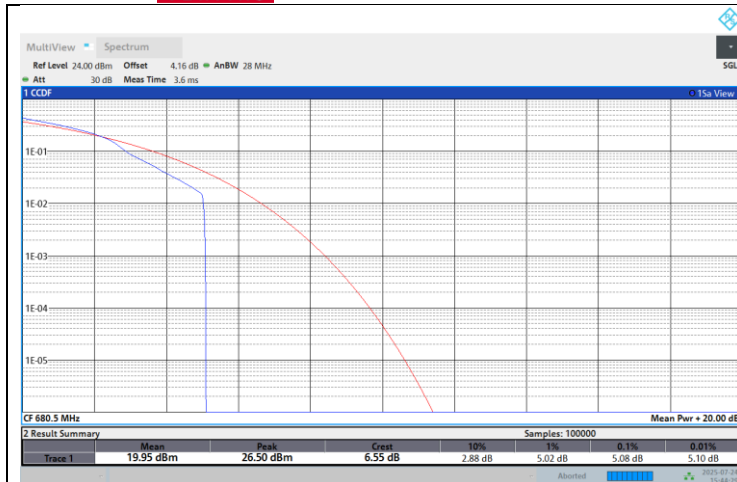


Band71-5M-Mid-QPSK-Full RB

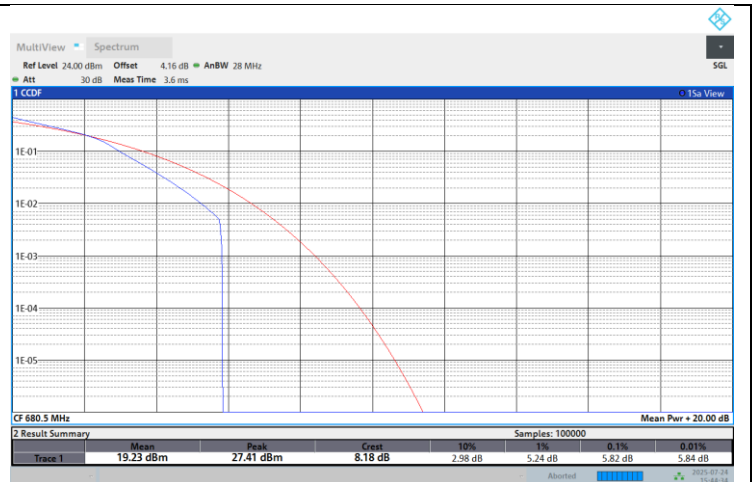


Band71-5M-Mid-16QAM-1RB Low

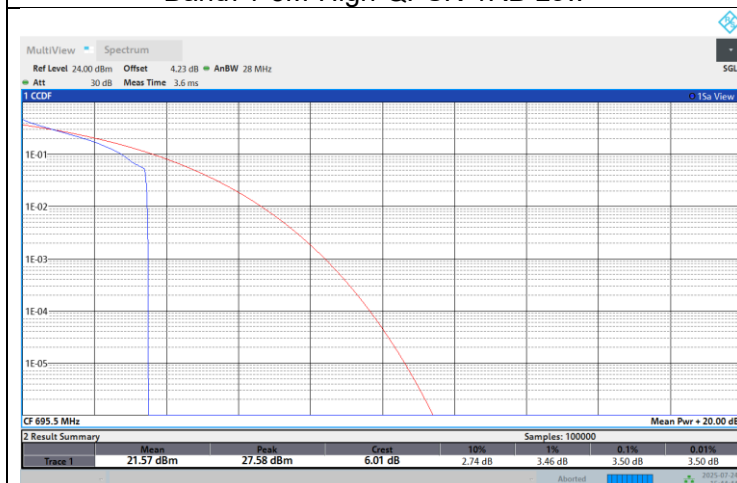
Band71-5M-Mid-16QAM-Full RB



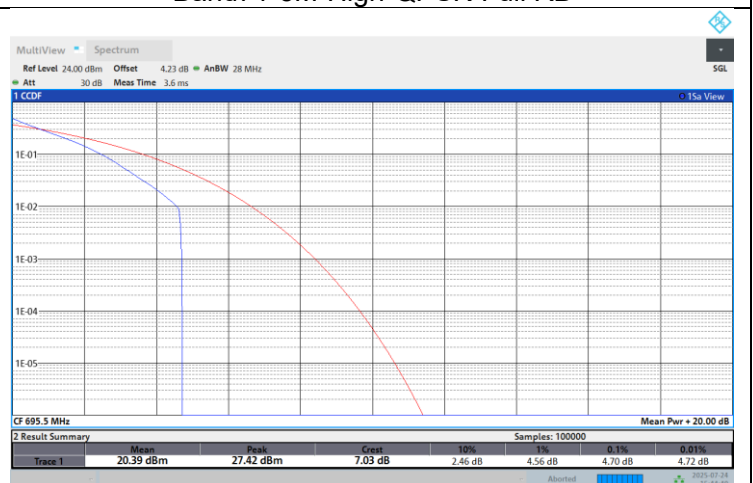
Band71-5M-High-QPSK-1RB Low



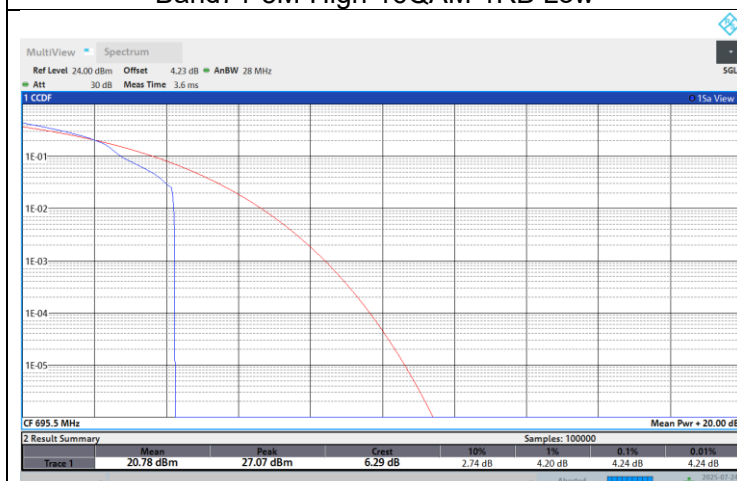
Band71-5M-High-QPSK-Full RB



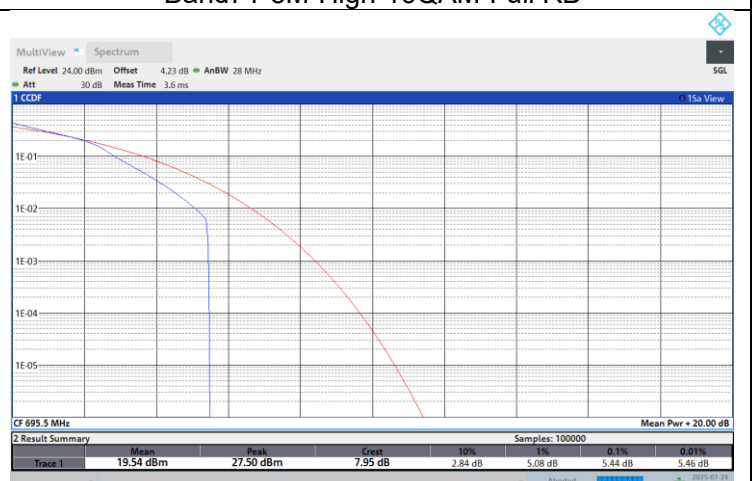
Band71-5M-High-16QAM-1RB Low



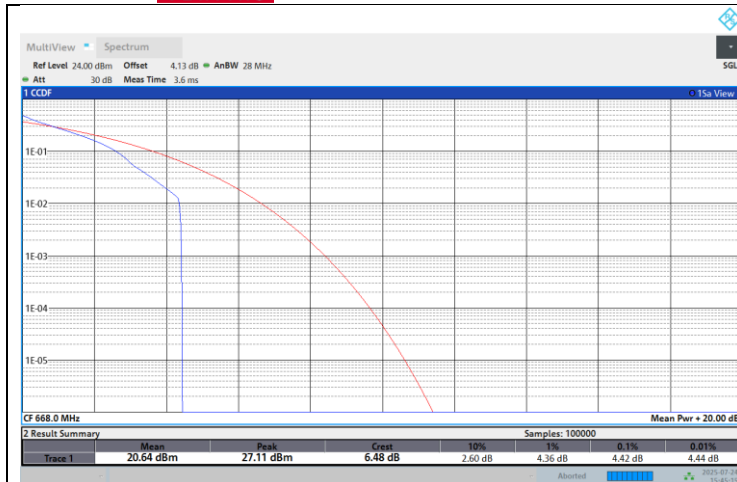
Band71-5M-High-16QAM-Full RB



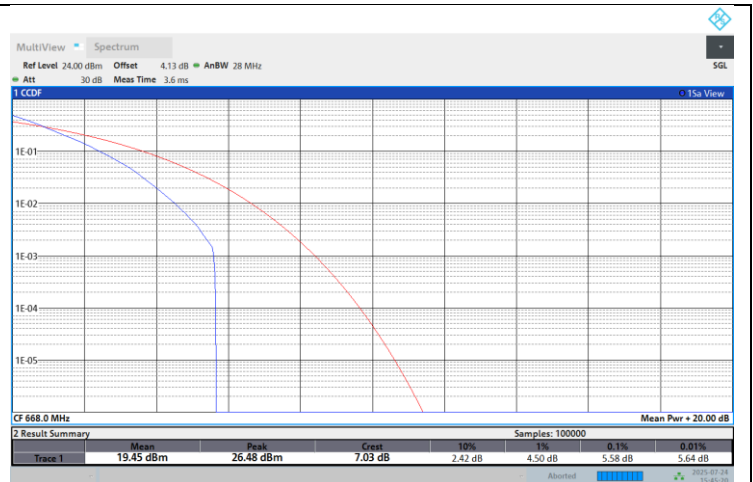
Band71-10M-Low-QPSK-1RB Low



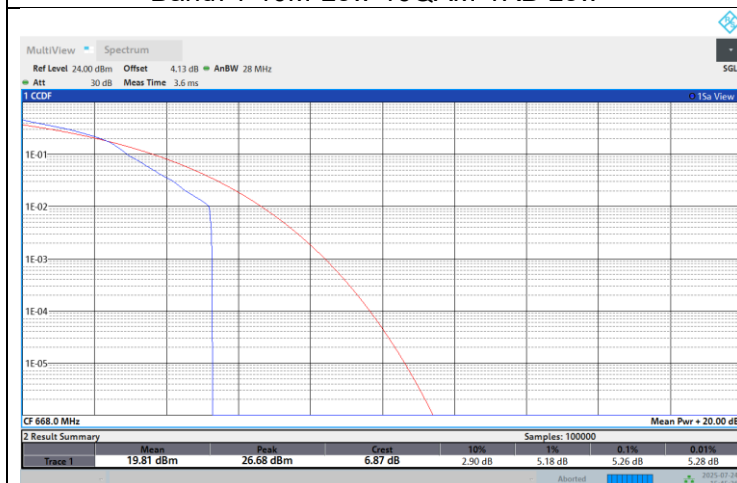
Band71-10M-Low-QPSK-Full RB



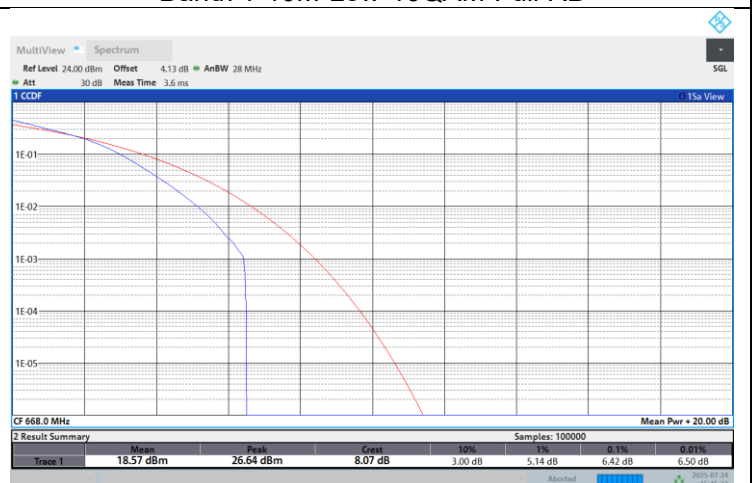
Band71-10M-Low-16QAM-1RB Low



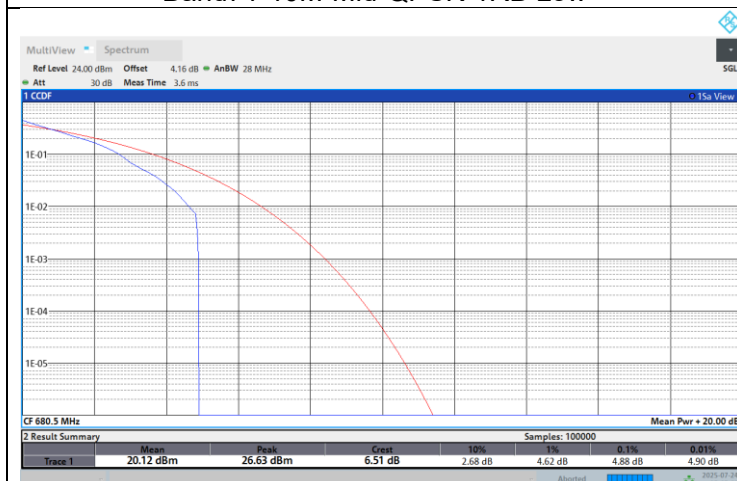
Band71-10M-Low-16QAM-Full RB



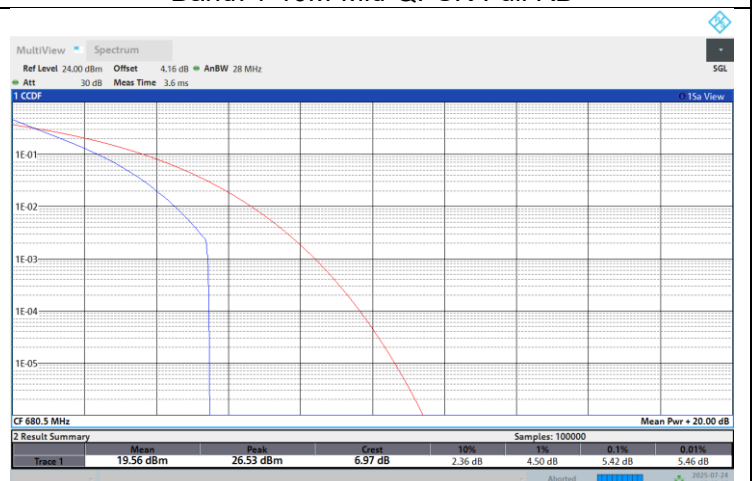
Band71-10M-Mid-QPSK-1RB Low



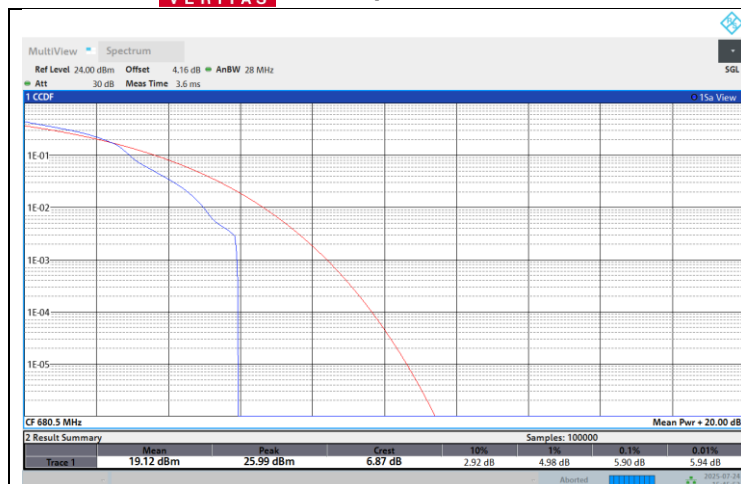
Band71-10M-Mid-QPSK-Full RB



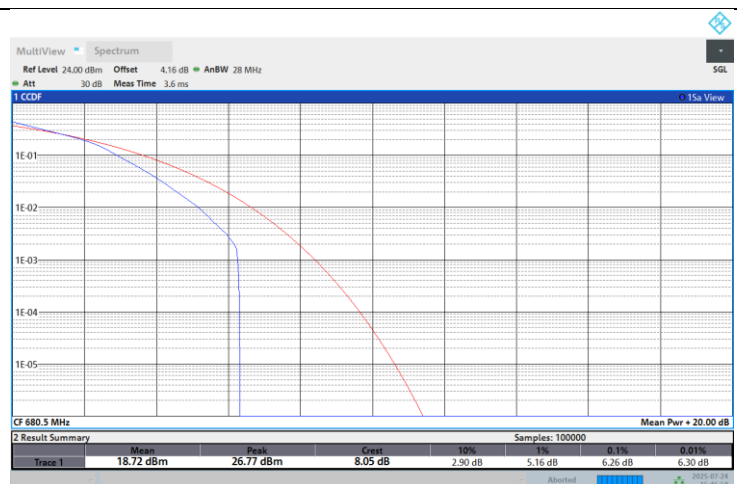
Band71-10M-Mid-16QAM-1RB Low



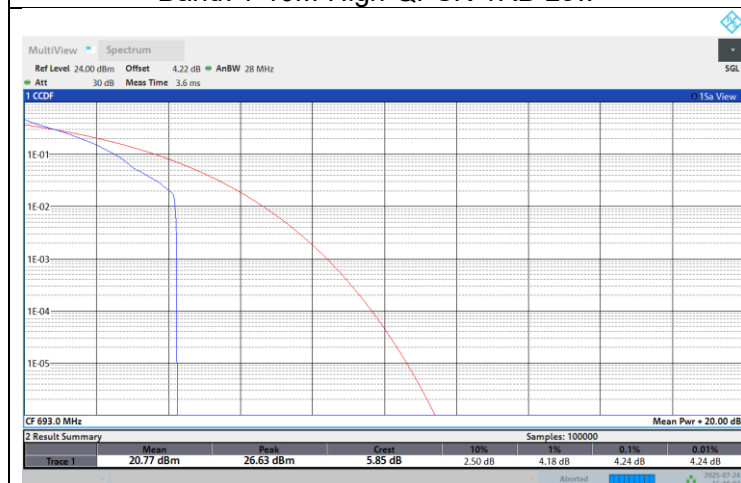
Band71-10M-Mid-16QAM-Full RB



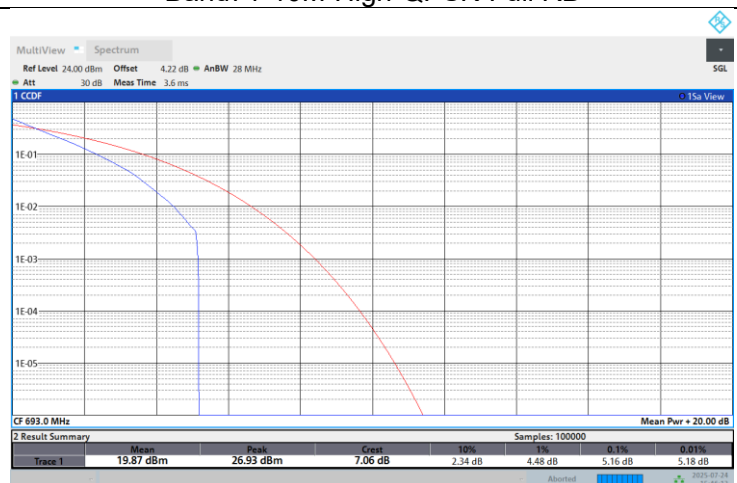
Band71-10M-High-QPSK-1RB Low



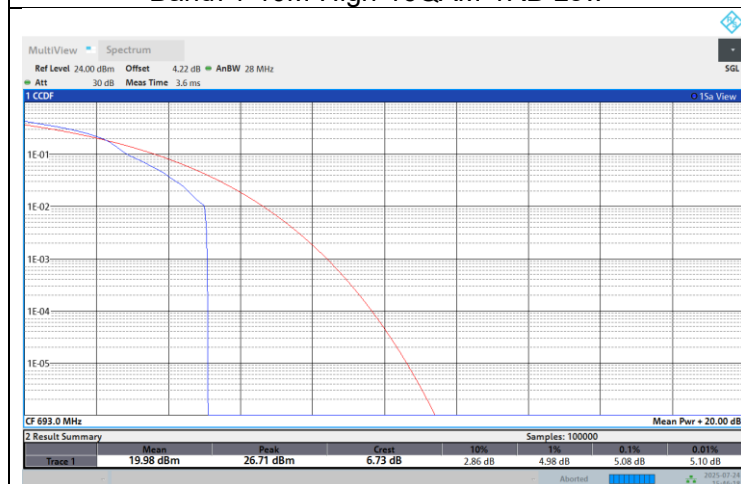
Band71-10M-High-QPSK-Full RB



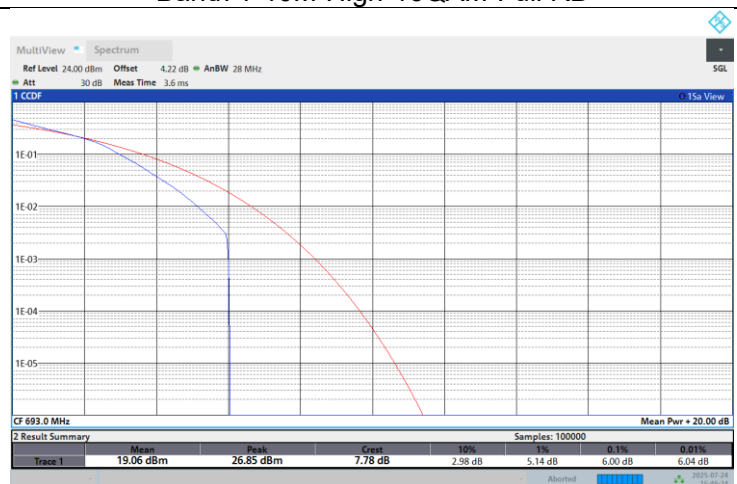
Band71-10M-High-16QAM-1RB Low



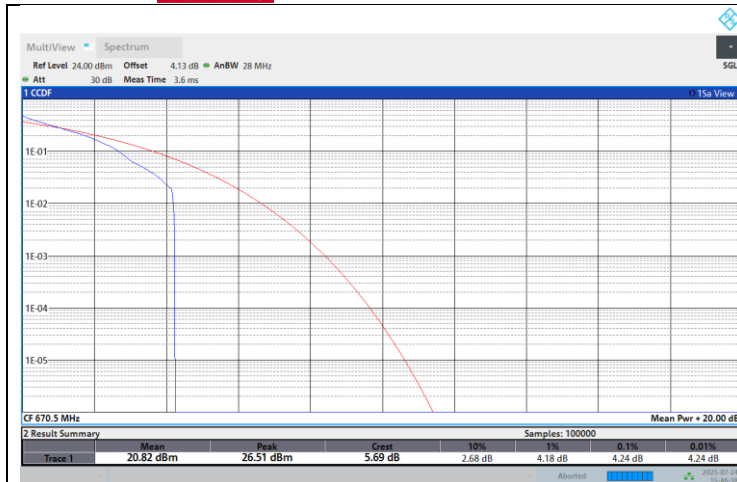
Band71-10M-High-16QAM-Full RB



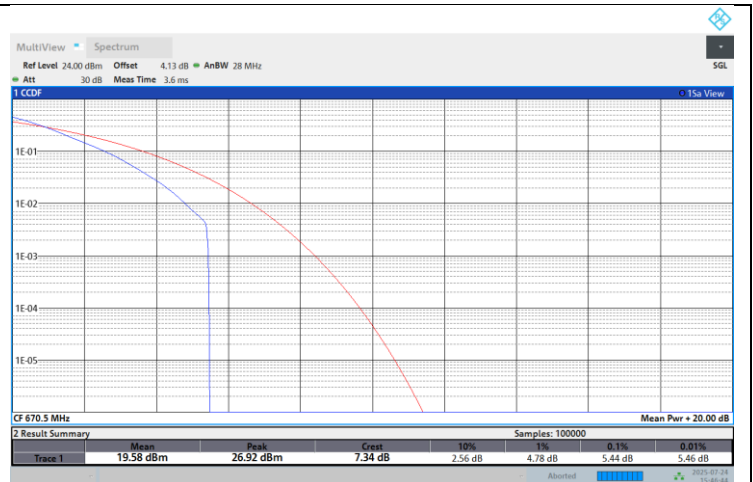
Band71-15M-Low-QPSK-1RB Low



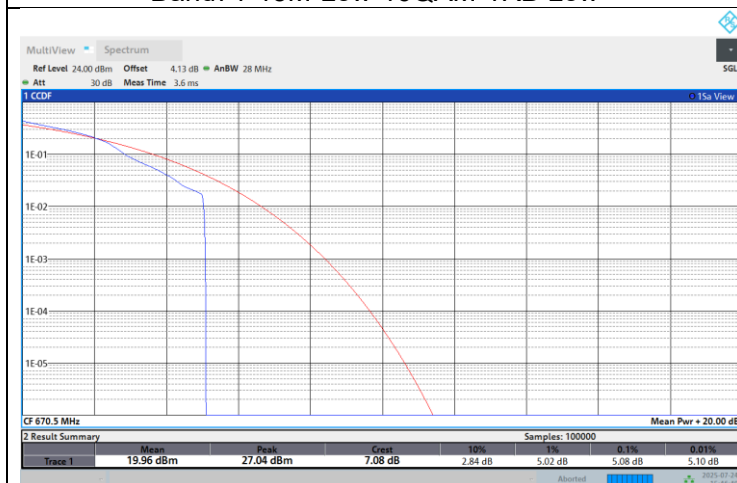
Band71-15M-Low-QPSK-Full RB



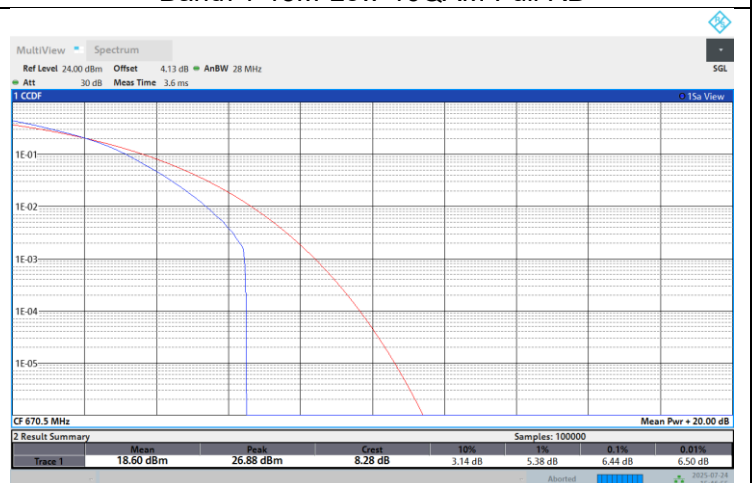
Band71-15M-Low-16QAM-1RB Low



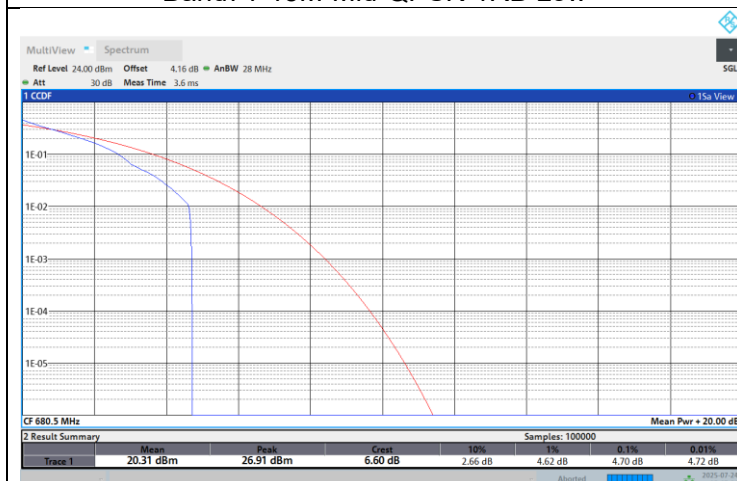
Band71-15M-Low-16QAM-Full RB



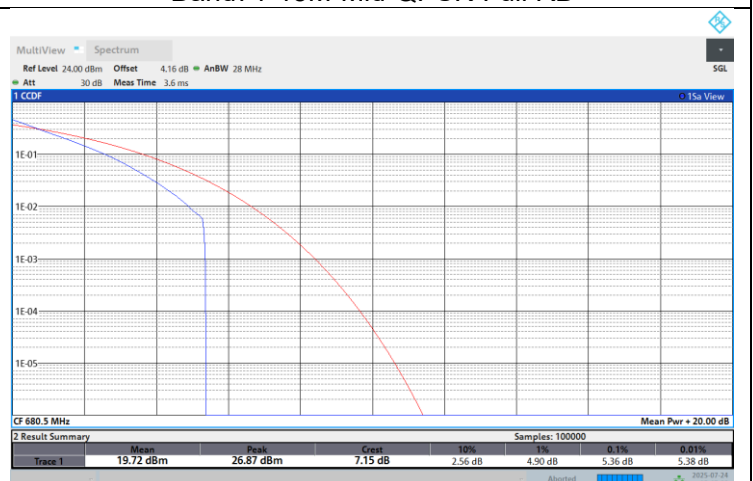
Band71-15M-Mid-QPSK-1RB Low



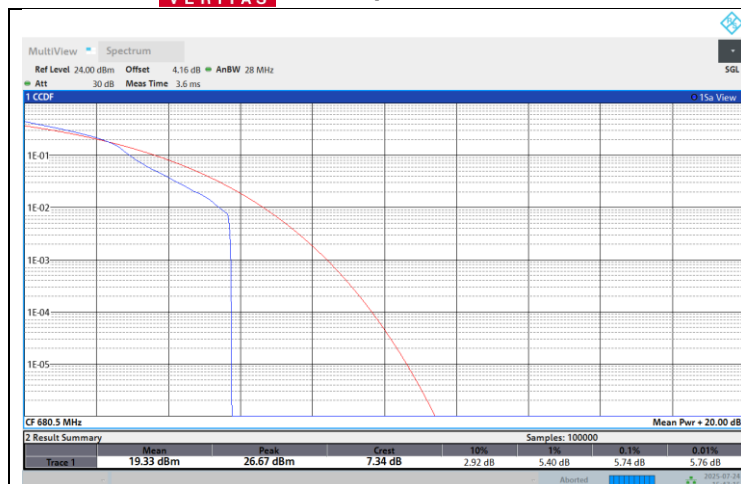
Band71-15M-Mid-QPSK-Full RB



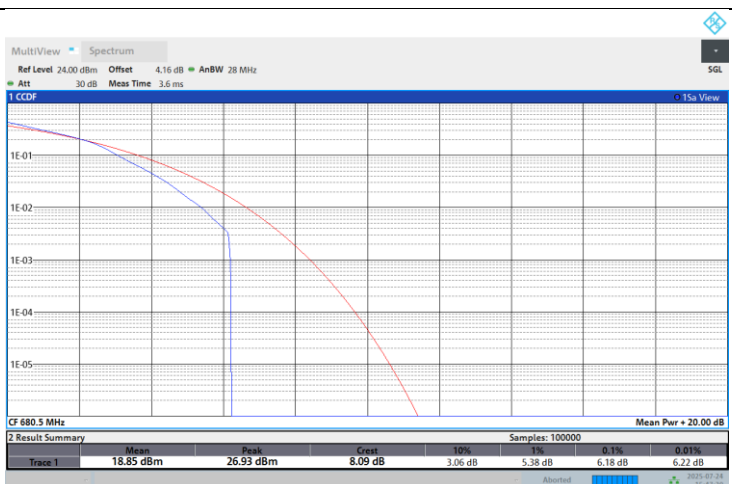
Band71-15M-Mid-16QAM-1RB Low



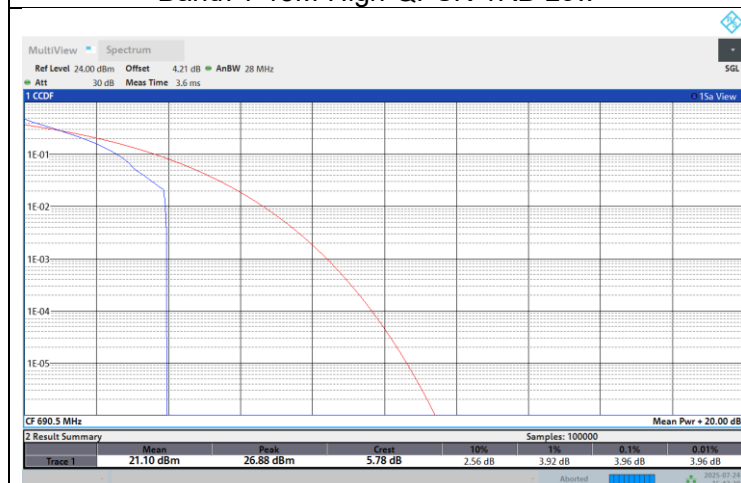
Band71-15M-Mid-16QAM-Full RB



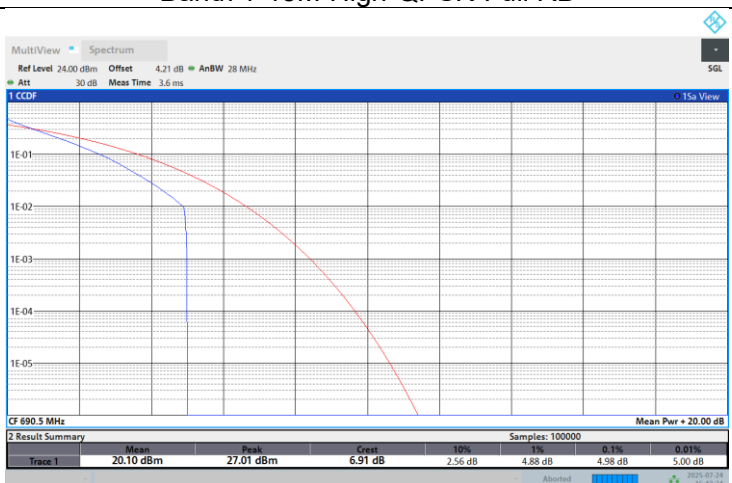
Band71-15M-High-QPSK-1RB Low



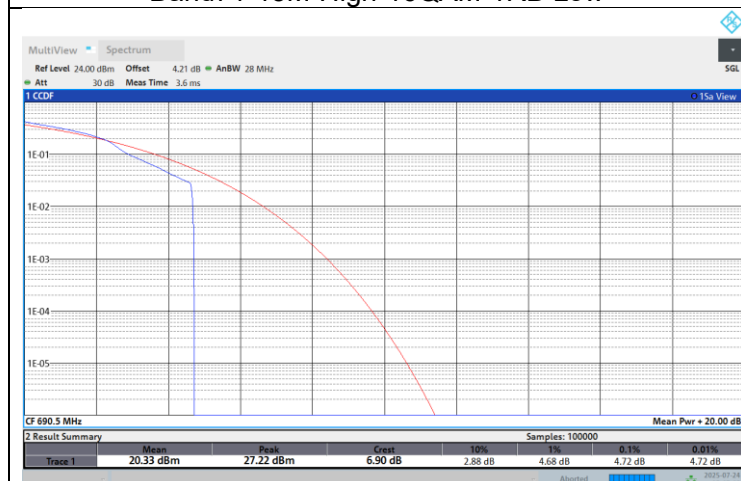
Band71-15M-High-QPSK-Full RB



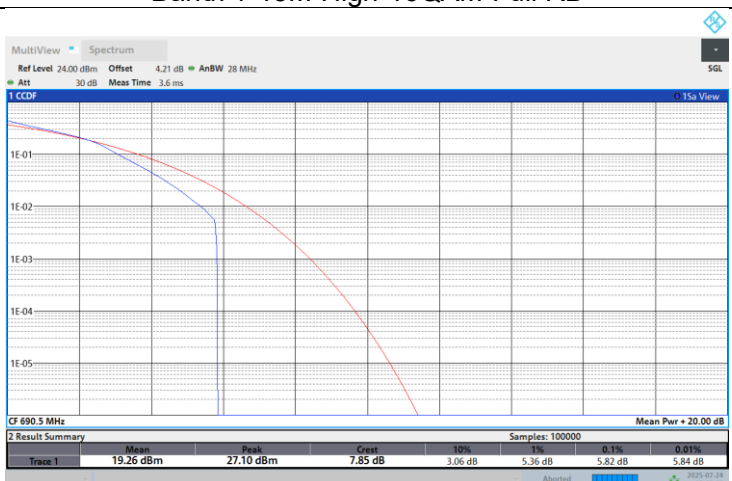
Band71-15M-High-16QAM-1RB Low



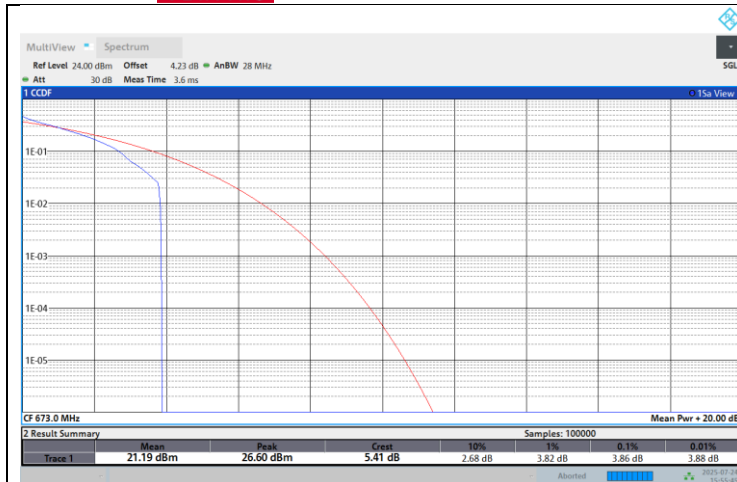
Band71-15M-High-16QAM-Full RB



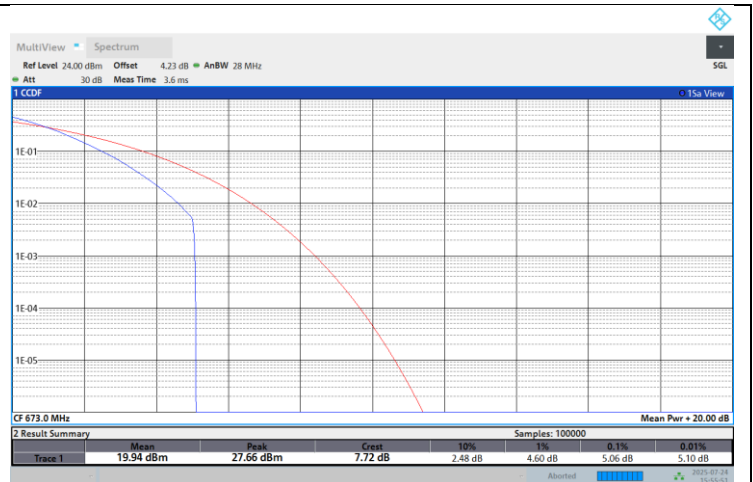
Band71-20M-Low-QPSK-1RB Low



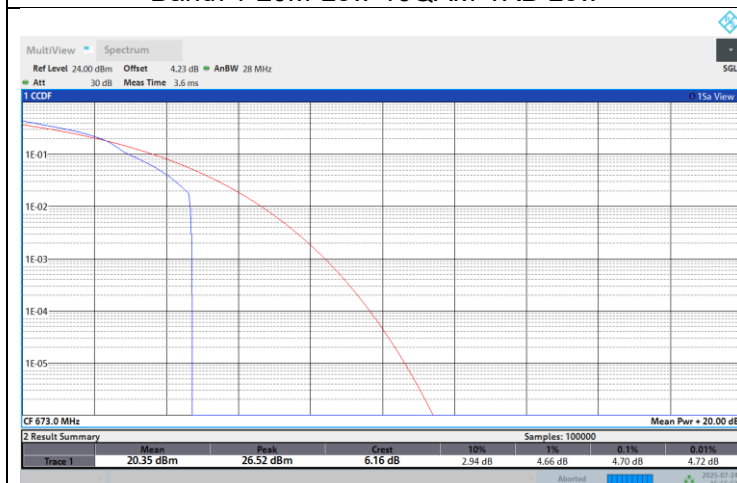
Band71-20M-Low-QPSK-Full RB



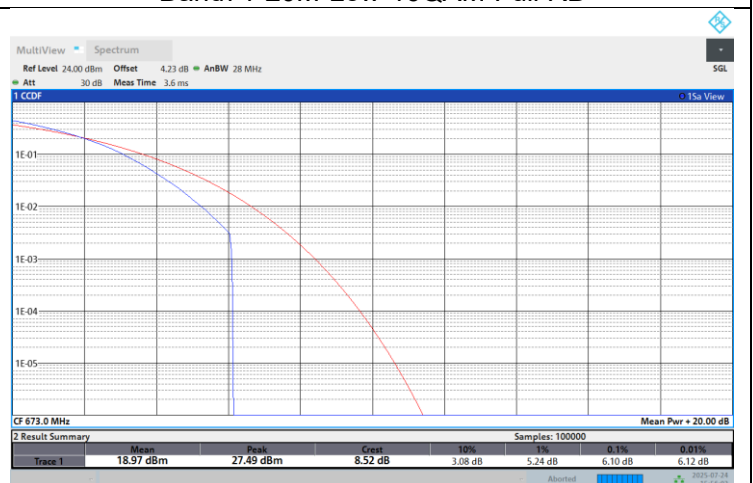
Band71-20M-Low-16QAM-1RB Low



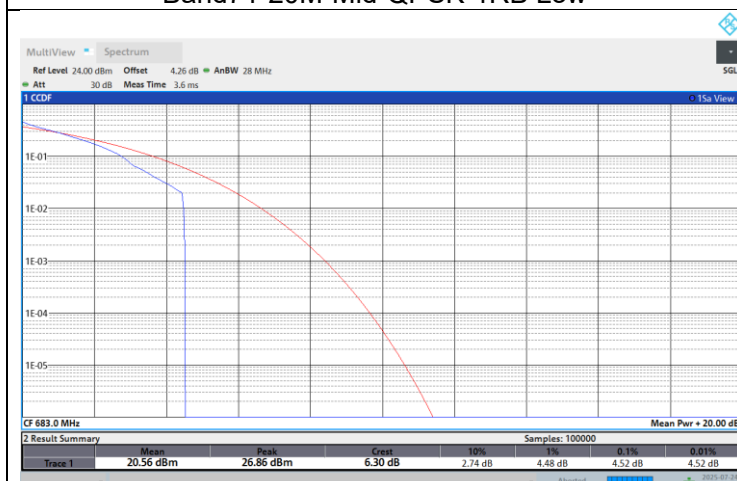
Band71-20M-Low-16QAM-Full RB



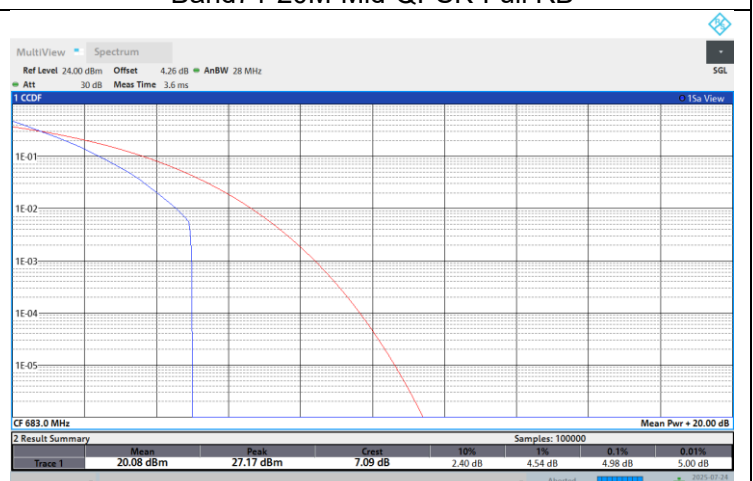
Band71-20M-Mid-QPSK-1RB Low



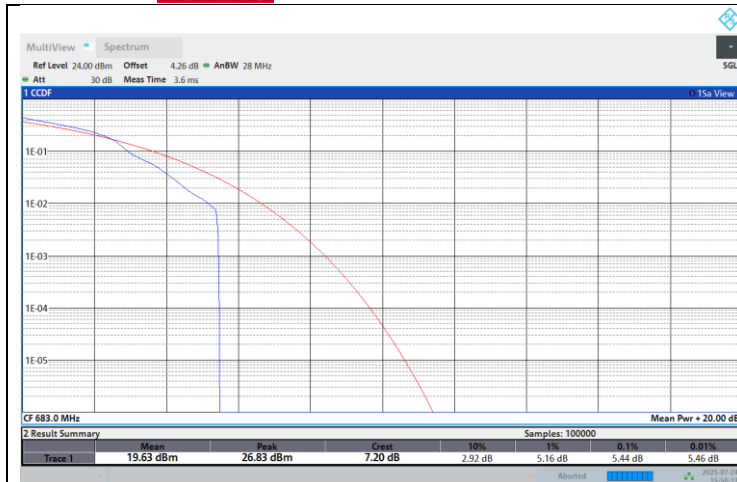
Band71-20M-Mid-QPSK-Full RB



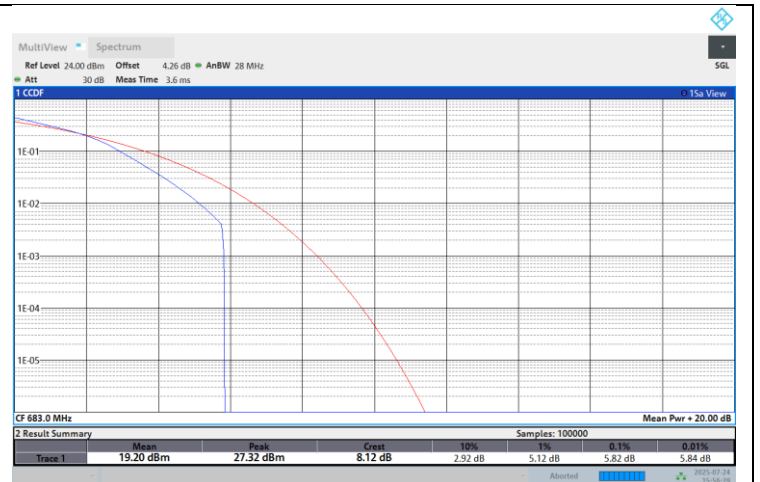
Band71-20M-Mid-16QAM-1RB Low



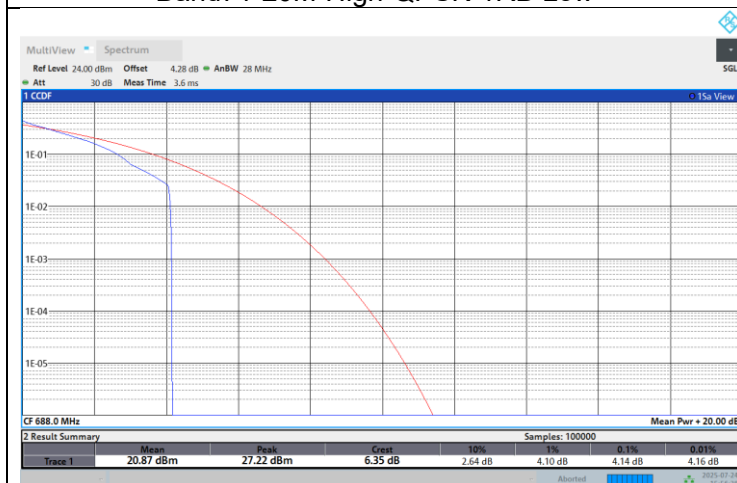
Band71-20M-Mid-16QAM-Full RB



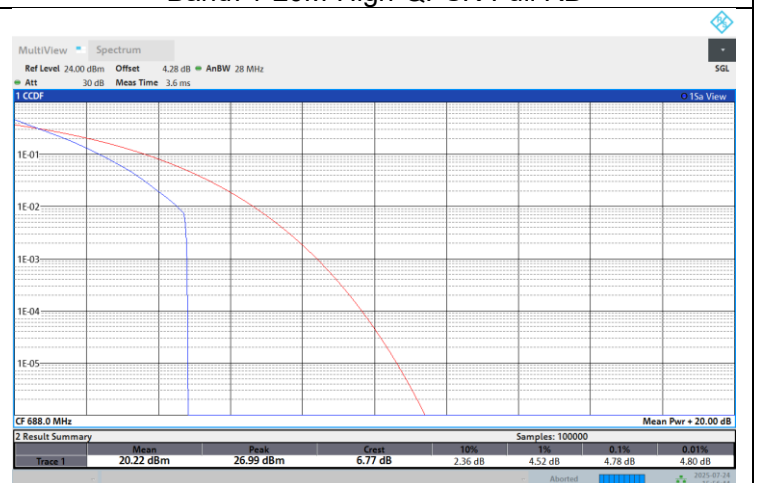
Band71-20M-High-QPSK-1RB Low



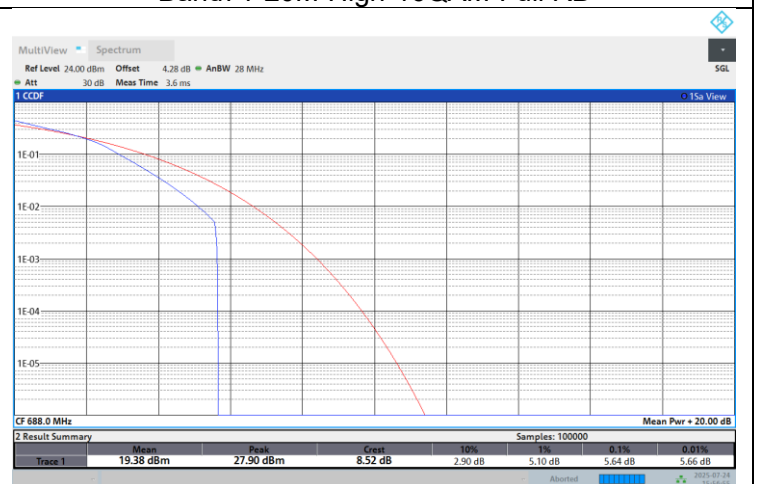
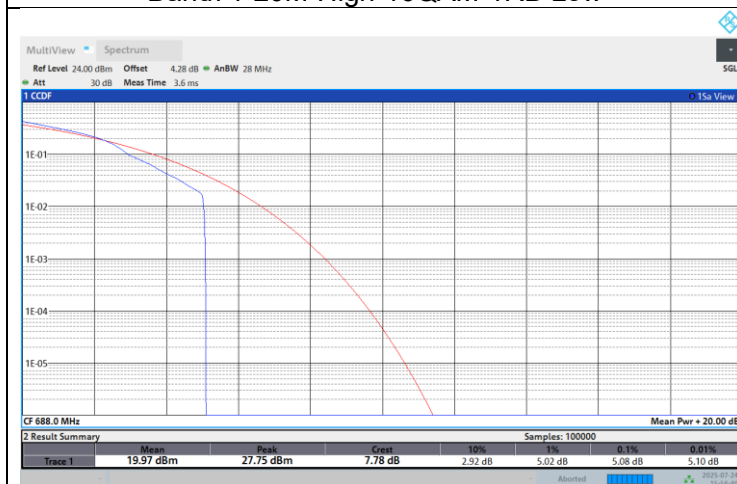
Band71-20M-High-QPSK-Full RB



Band71-20M-High-16QAM-1RB Low



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





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Occupied Bandwidth

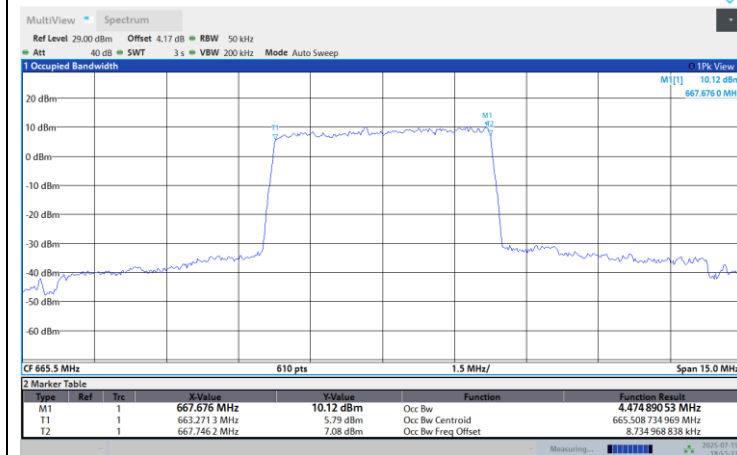
Test Result

Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth(MHz)	Verdict
5MHz	QPSK	133147	Full RB	4.475	PASS
5MHz	16QAM	133147	Full RB	4.482	PASS
5MHz	QPSK	133297	Full RB	4.497	PASS
5MHz	16QAM	133297	Full RB	4.483	PASS
5MHz	QPSK	133447	Full RB	4.497	PASS
5MHz	16QAM	133447	Full RB	4.496	PASS
10MHz	QPSK	133172	Full RB	8.931	PASS
10MHz	16QAM	133172	Full RB	8.922	PASS
10MHz	QPSK	133297	Full RB	8.934	PASS
10MHz	16QAM	133297	Full RB	8.952	PASS
10MHz	QPSK	133422	Full RB	8.963	PASS
10MHz	16QAM	133422	Full RB	8.952	PASS
15MHz	QPSK	133197	Full RB	13.446	PASS
15MHz	16QAM	133197	Full RB	13.423	PASS
15MHz	QPSK	133297	Full RB	13.432	PASS
15MHz	16QAM	133297	Full RB	13.475	PASS
15MHz	QPSK	133397	Full RB	13.477	PASS
15MHz	16QAM	133397	Full RB	13.480	PASS
20MHz	QPSK	133222	Full RB	17.886	PASS
20MHz	16QAM	133222	Full RB	17.900	PASS
20MHz	QPSK	133322	Full RB	17.888	PASS
20MHz	16QAM	133322	Full RB	17.899	PASS
20MHz	QPSK	133372	Full RB	17.936	PASS
20MHz	16QAM	133372	Full RB	17.863	PASS

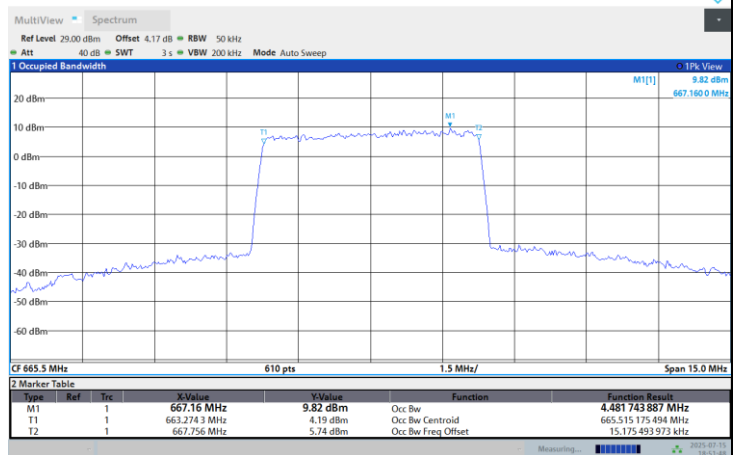


Test Graphs

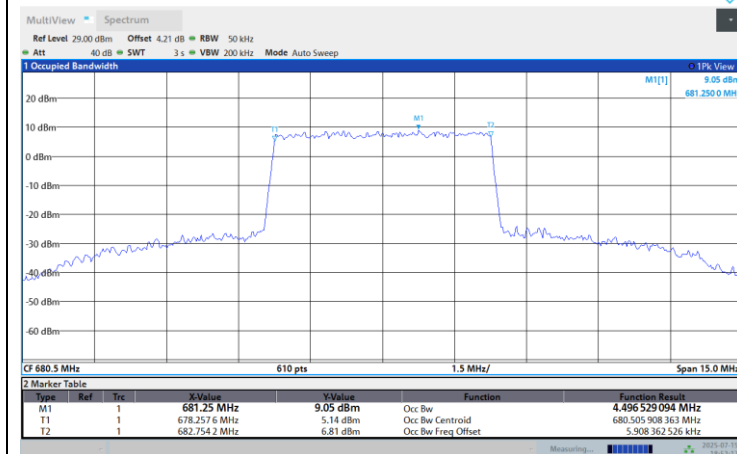
Band71-5M-Low-QPSK-Full RB



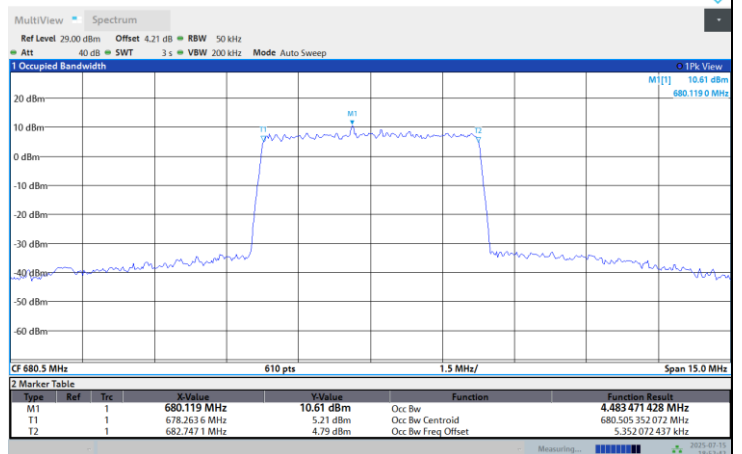
Band71-5M-Low-16QAM-Full RB



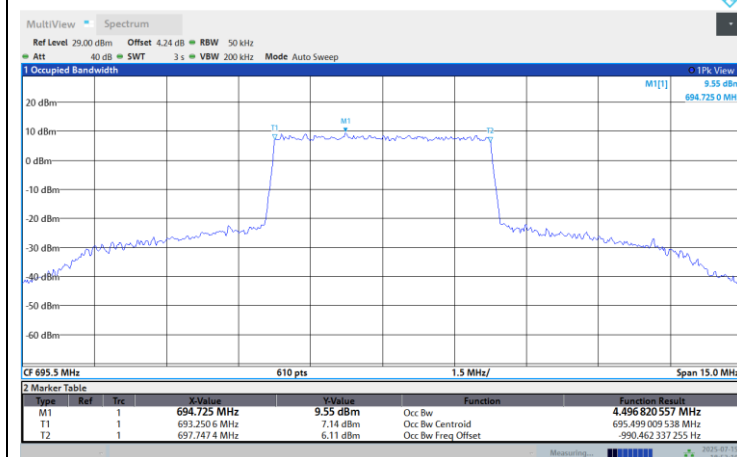
Band71-5M-Mid-QPSK-Full RB



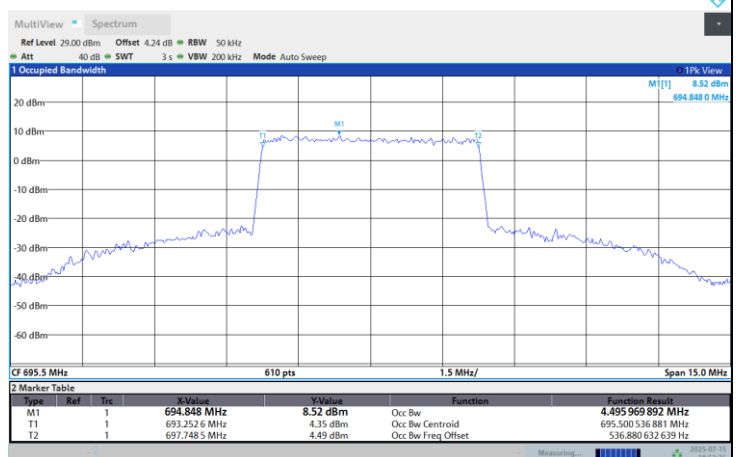
Band71-5M-Mid-16QAM-Full RB



Band71-5M-High-QPSK-Full RB

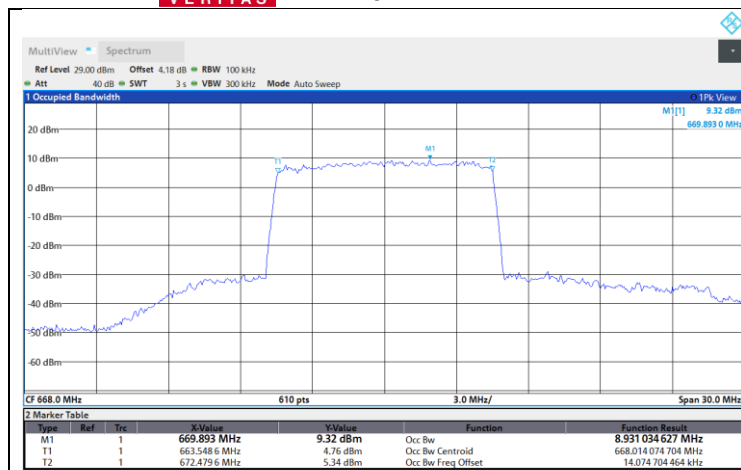


Band71-5M-High-16QAM-Full RB

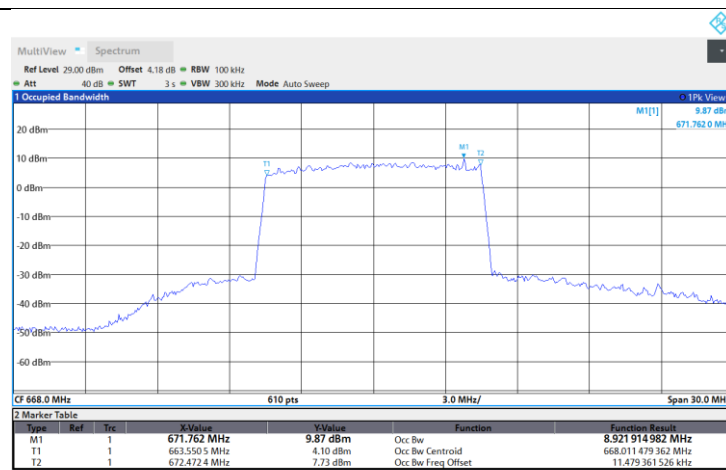


Band71-10M-Low-QPSK-Full RB

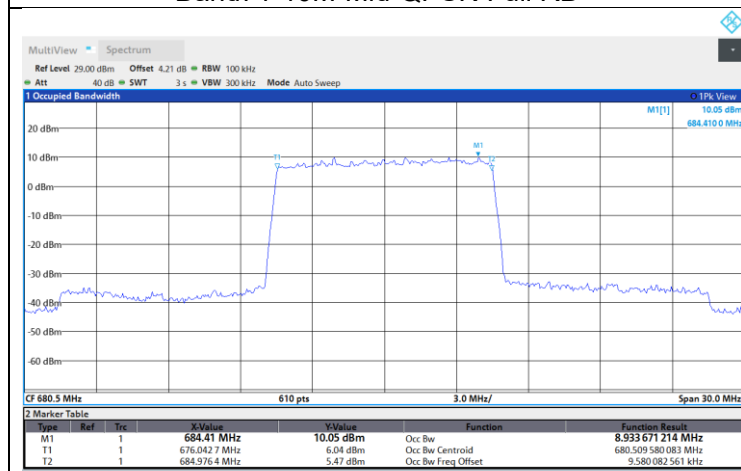
Band71-10M-Low-16QAM-Full RB



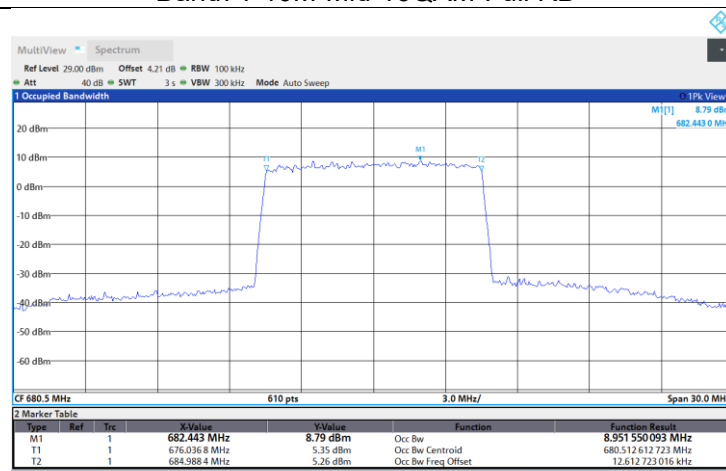
Band71-10M-Mid-QPSK-Full RB



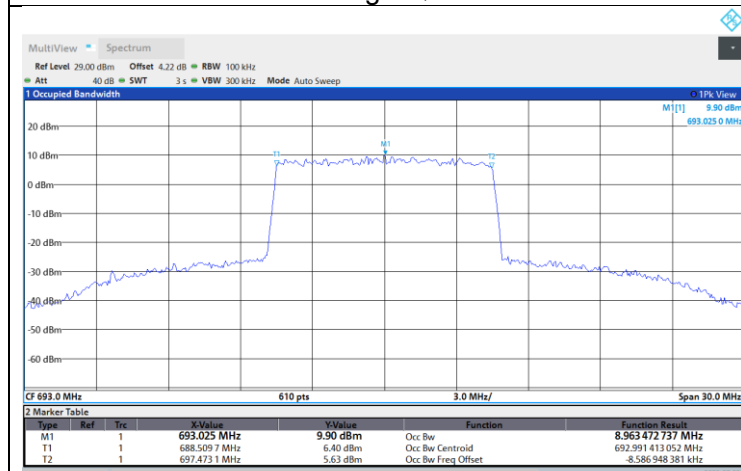
Band71-10M-Mid-16QAM-Full RB



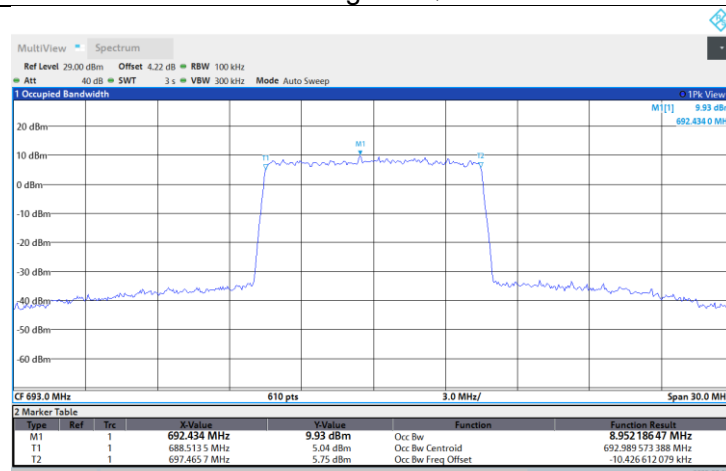
Band71-10M-High-QPSK-Full RB



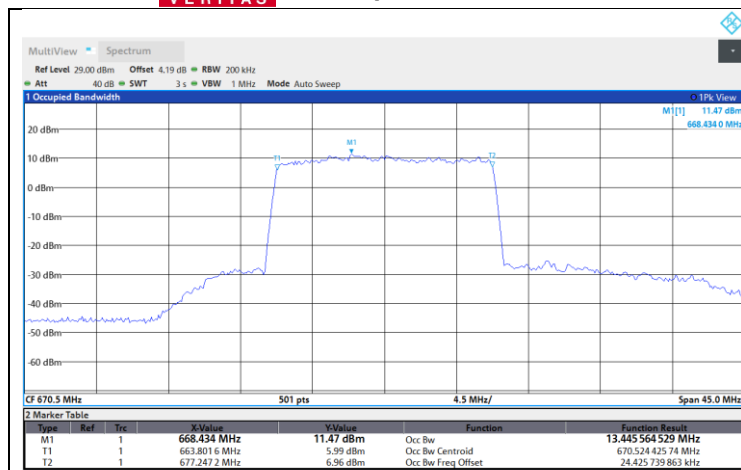
Band71-10M-High-16QAM-Full RB



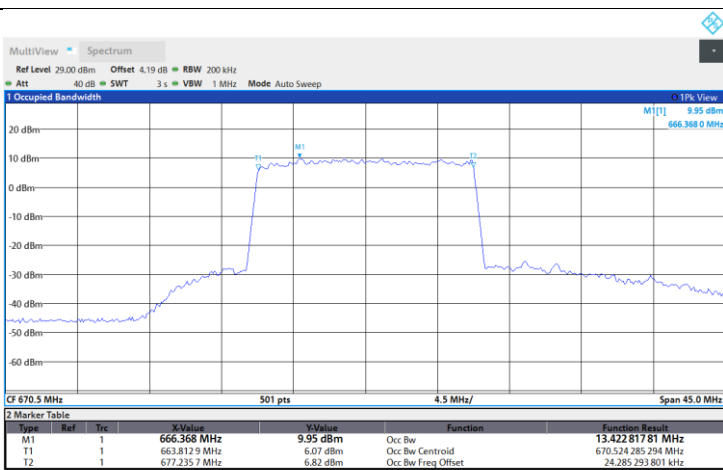
Band71-15M-Low-QPSK-Full RB



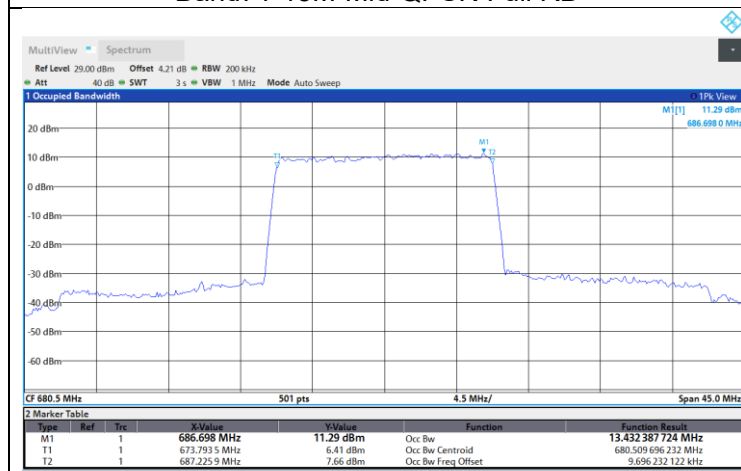
Band71-15M-Low-16QAM-Full RB



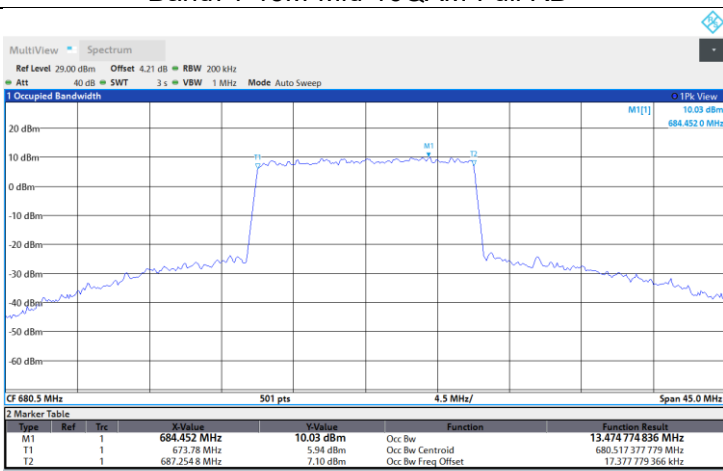
Band71-15M-Mid-QPSK-Full RB



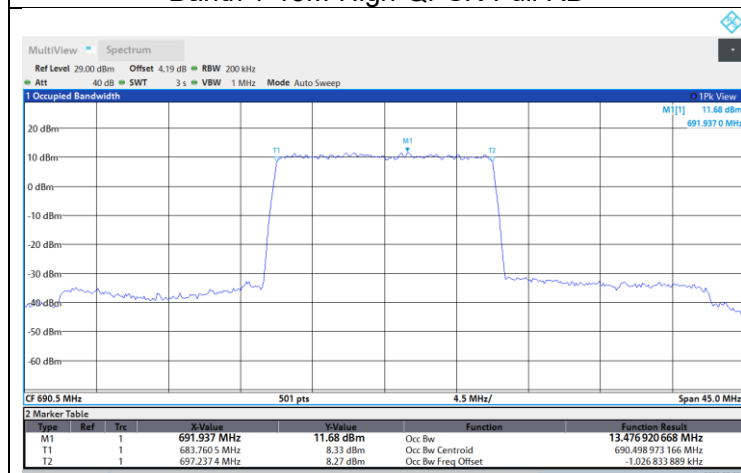
Band71-15M-Mid-16QAM-Full RB



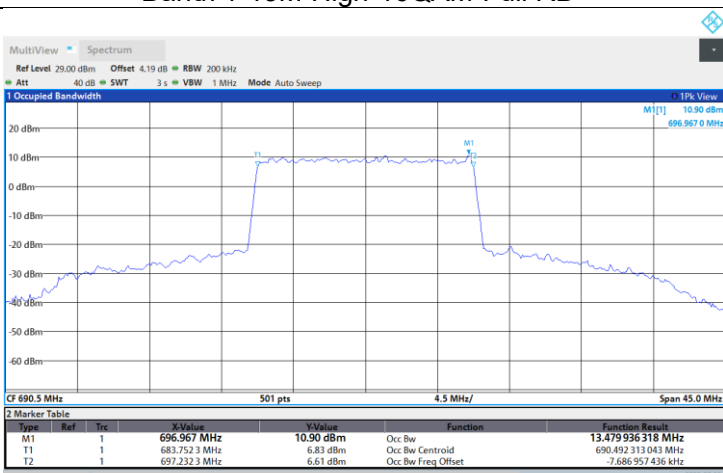
Band71-15M-High-QPSK-Full RB



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



Band71-20M-Low-QPSK-Full RB



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