



BAND EDGE

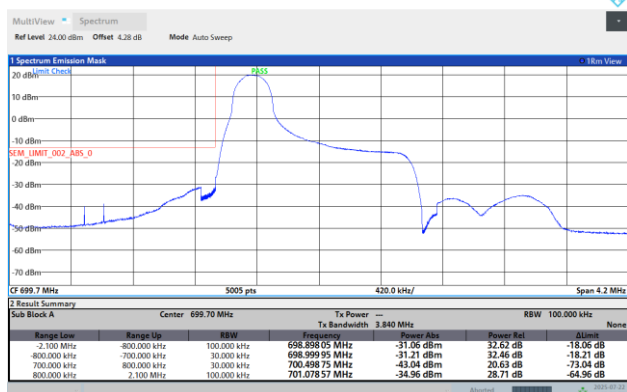
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	See Graph	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	See Graph	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	See Graph	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	See Graph	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	See Graph	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	See Graph	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	See Graph	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	See Graph	PASS
Band12	3MHz	QPSK	23025	1RB#0	See Graph	PASS
Band12	3MHz	QPSK	23025	15RB#0	See Graph	PASS
Band12	3MHz	QPSK	23165	1RB#14	See Graph	PASS
Band12	3MHz	QPSK	23165	15RB#0	See Graph	PASS
Band12	3MHz	16QAM	23025	1RB#0	See Graph	PASS
Band12	3MHz	16QAM	23025	15RB#0	See Graph	PASS
Band12	3MHz	16QAM	23165	1RB#14	See Graph	PASS
Band12	3MHz	16QAM	23165	15RB#0	See Graph	PASS
Band12	5MHz	QPSK	23035	1RB#0	See Graph	PASS
Band12	5MHz	QPSK	23035	25RB#0	See Graph	PASS
Band12	5MHz	QPSK	23155	1RB#24	See Graph	PASS
Band12	5MHz	QPSK	23155	25RB#0	See Graph	PASS
Band12	5MHz	16QAM	23035	1RB#0	See Graph	PASS
Band12	5MHz	16QAM	23035	25RB#0	See Graph	PASS
Band12	5MHz	16QAM	23155	1RB#24	See Graph	PASS
Band12	5MHz	16QAM	23155	25RB#0	See Graph	PASS
Band12	10MHz	QPSK	23060	1RB#0	See Graph	PASS
Band12	10MHz	QPSK	23060	50RB#0	See Graph	PASS
Band12	10MHz	QPSK	23130	1RB#49	See Graph	PASS
Band12	10MHz	QPSK	23130	50RB#0	See Graph	PASS
Band12	10MHz	16QAM	23060	1RB#0	See Graph	PASS
Band12	10MHz	16QAM	23060	50RB#0	See Graph	PASS
Band12	10MHz	16QAM	23130	1RB#49	See Graph	PASS
Band12	10MHz	16QAM	23130	50RB#0	See Graph	PASS

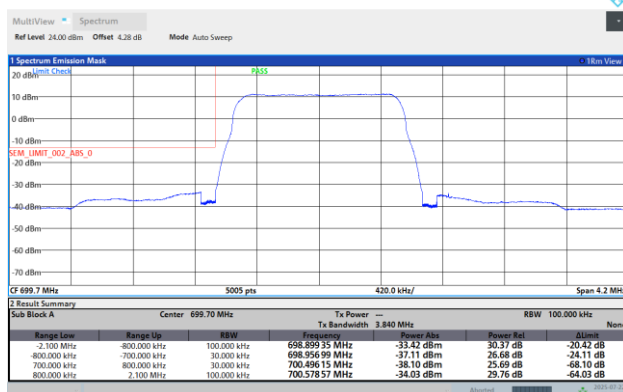


Test Graphs

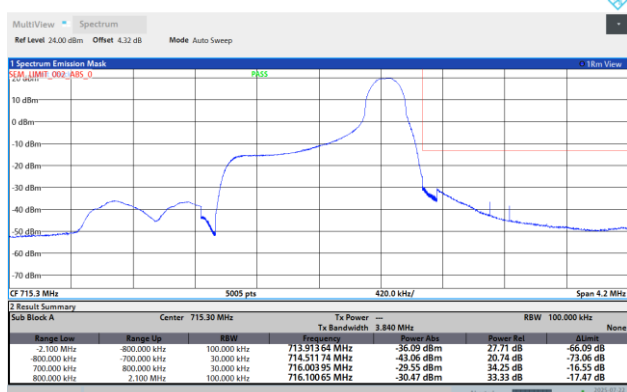
Band12-1.4MHz-QPSK-23017-1RB#0



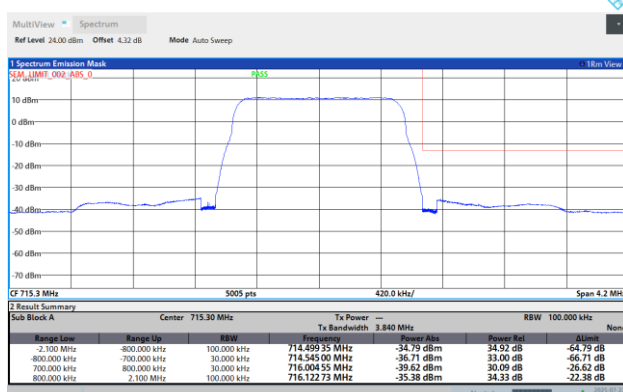
Band12-1.4MHz-QPSK-23017-6RB#0



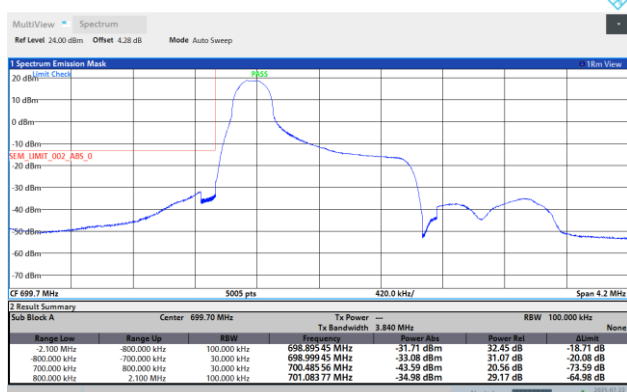
Band12-1.4MHz-QPSK-23173-1RB#5



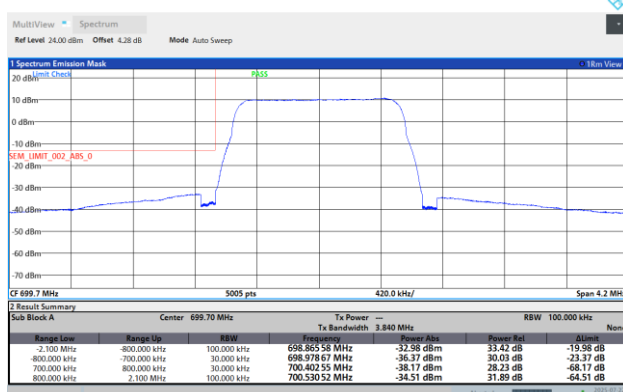
Band12-1.4MHz-QPSK-23173-6RB#0



Band12-1.4MHz-16QAM-23017-1RB#0



Band12-1.4MHz-16QAM-23017-6RB#0



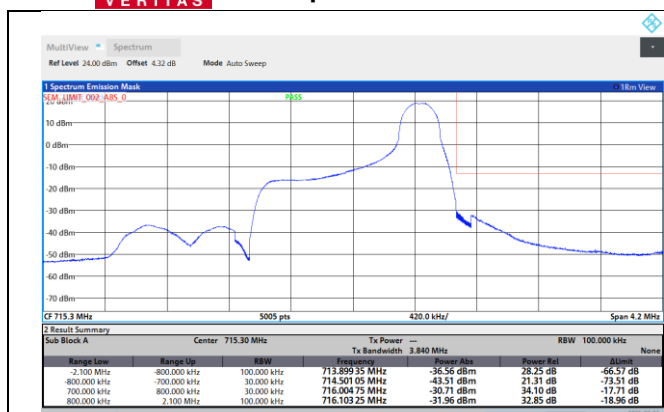
Band12-1.4MHz-16QAM-23173-1RB#5

Band12-1.4MHz-16QAM-23173-6RB#0

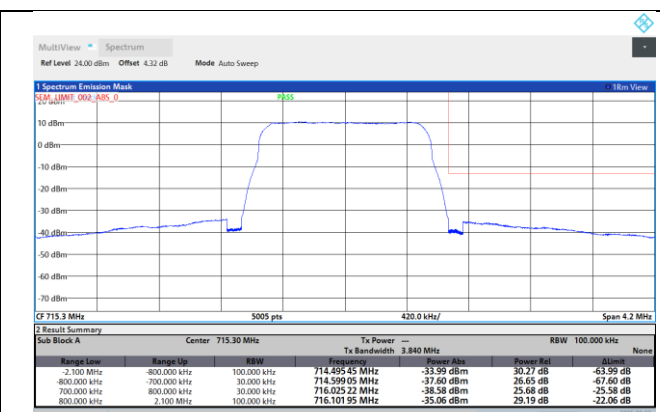


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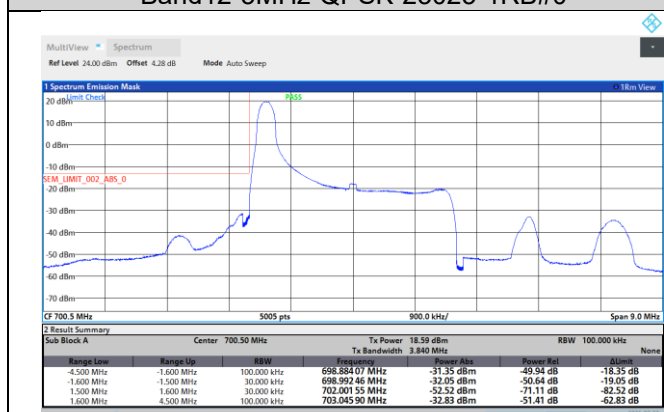
Test Report No.: PSU-QSZ2507090114RF03



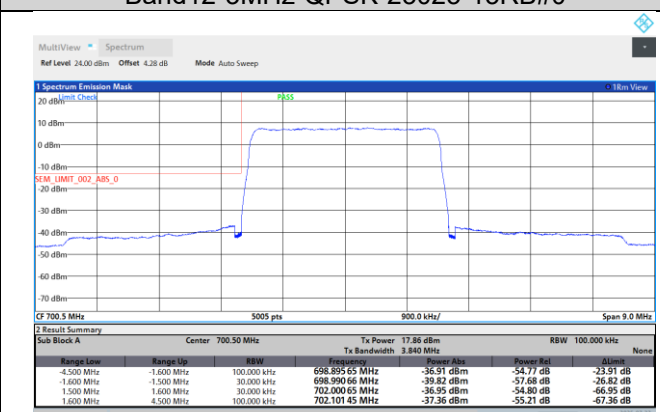
Band12-3MHz-QPSK-23025-1RB#0



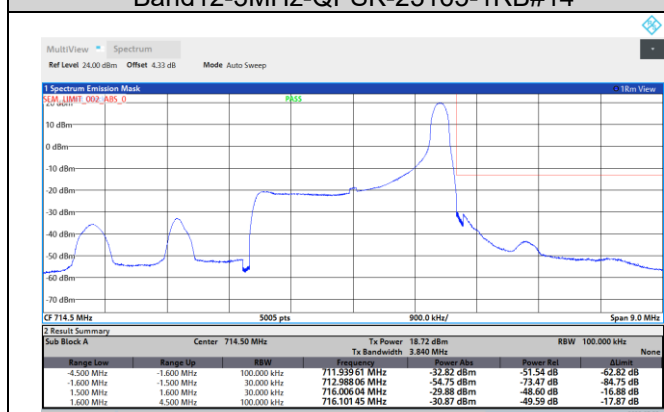
Band12-3MHz-QPSK-23025-15RB#0



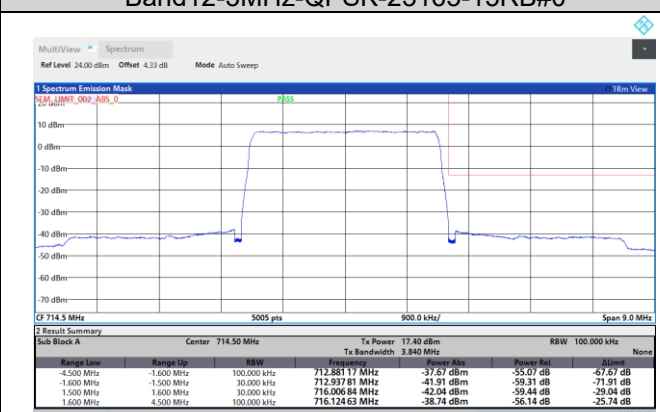
Band12-3MHz-QPSK-23165-1RB#14



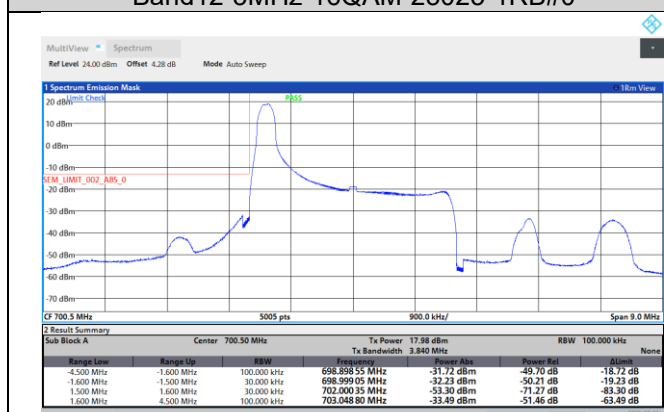
Band12-3MHz-QPSK-23165-15RB#0



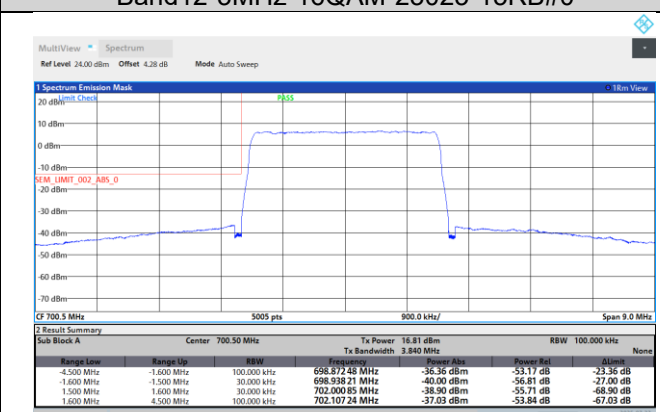
Band12-3MHz-16QAM-23025-1RB#0



Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23165-1RB#14



Band12-3MHz-16QAM-23165-15RB#0

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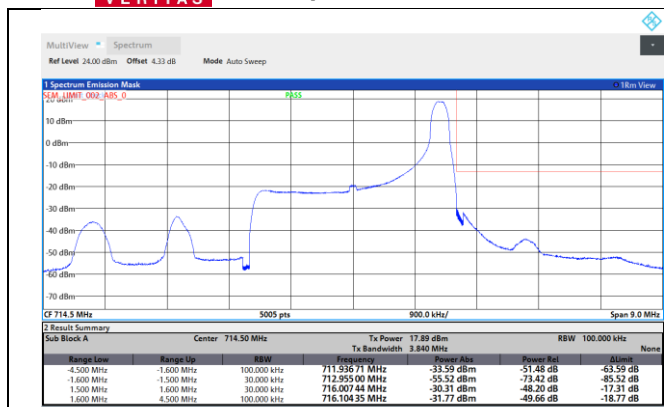
Tower N, Innovation Center, 88 Zuyi Road, High-tech
District, Suzhou City, Anhui Province, China

Tel: +86 (0557) 368 1008

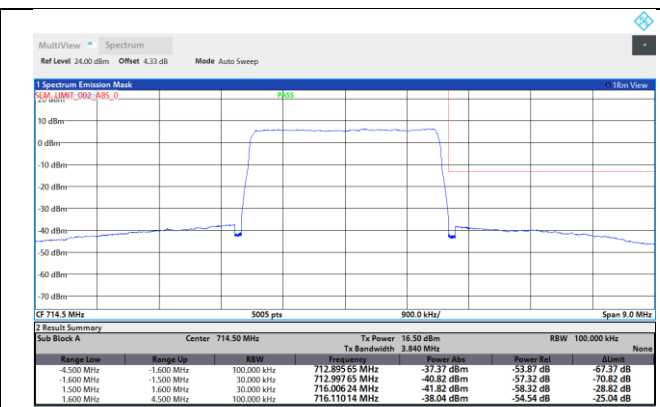


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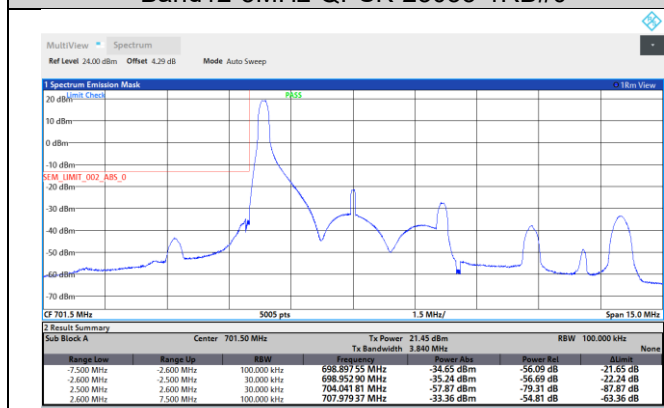
Test Report No.: PSU-QSZ2507090114RF03



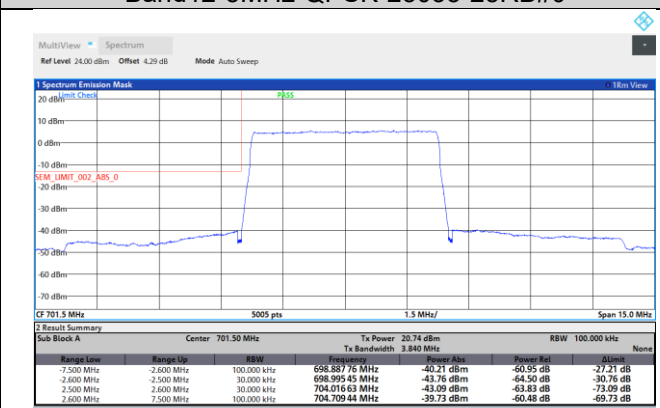
Band12-5MHz-QPSK-23035-1RB#0



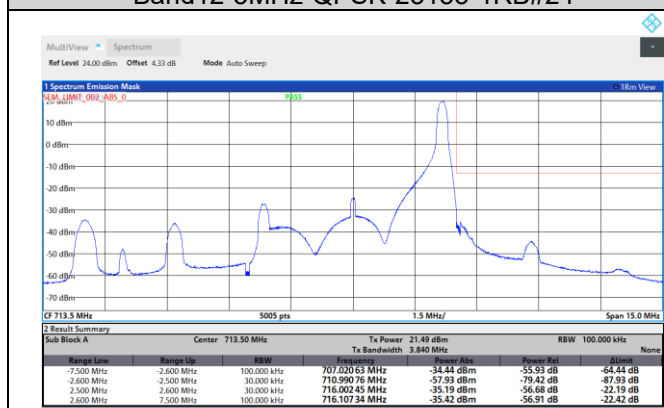
Band12-5MHz-QPSK-23035-25RB#0



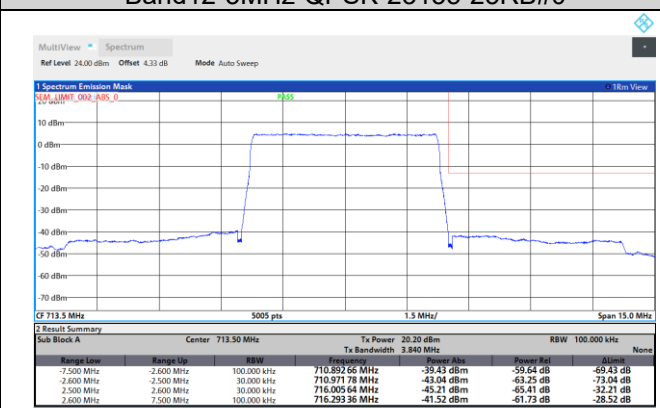
Band12-5MHz-QPSK-23155-1RB#24



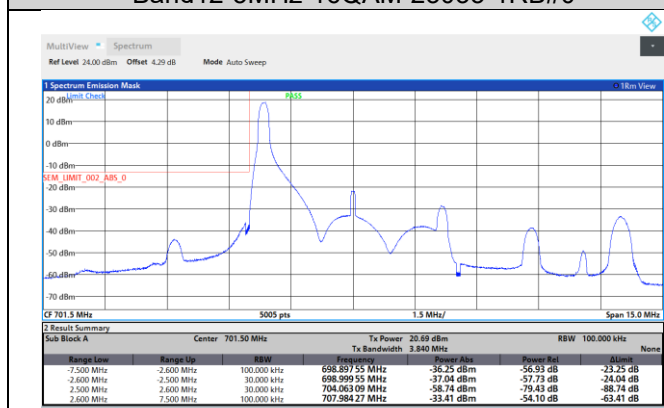
Band12-5MHz-QPSK-23155-25RB#0



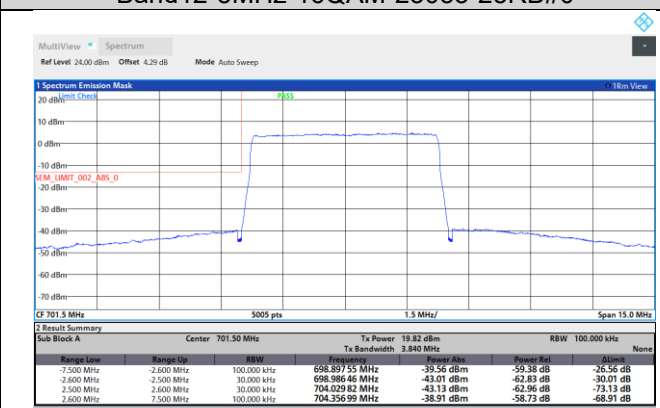
Band12-5MHz-16QAM-23035-1RB#0



Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23155-1RB#24



Band12-5MHz-16QAM-23155-25RB#0

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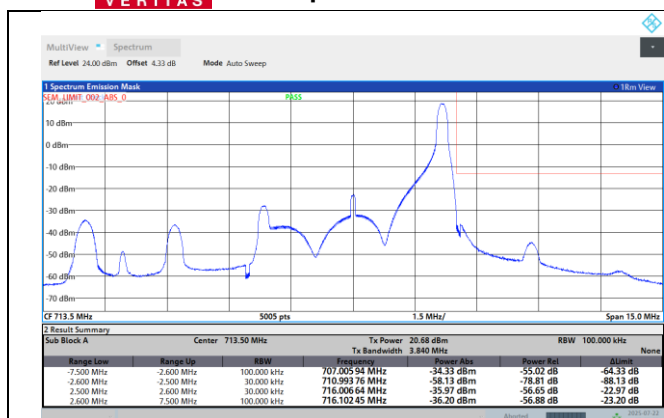
Tower N, Innovation Center, 88 Zuyi Road, High-tech
District, Suzhou City, Anhui Province, China

Tel: +86 (0557) 368 1008

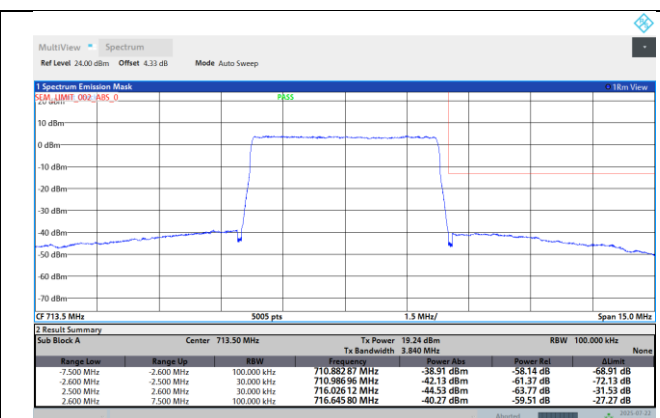


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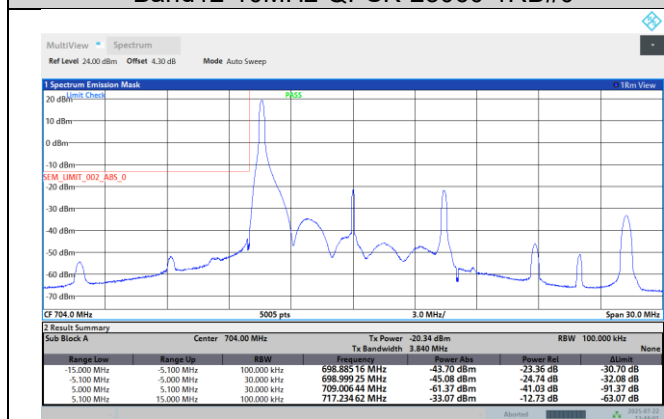
Test Report No.: PSU-QSZ2507090114RF03



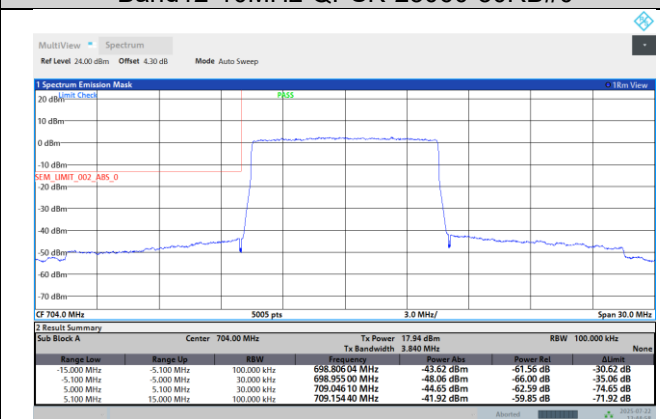
Band12-10MHz-QPSK-23060-1RB#0



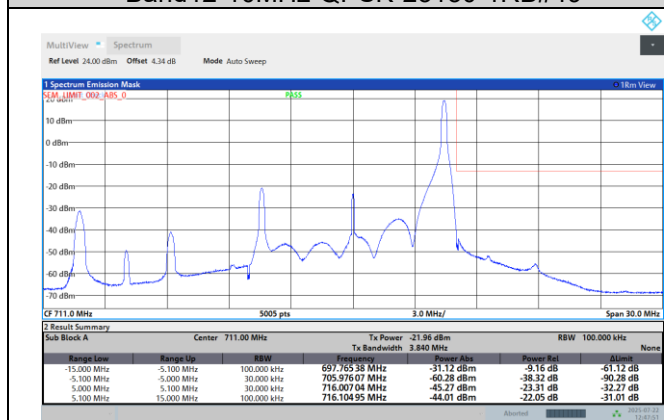
Band12-10MHz-QPSK-23060-50RB#0



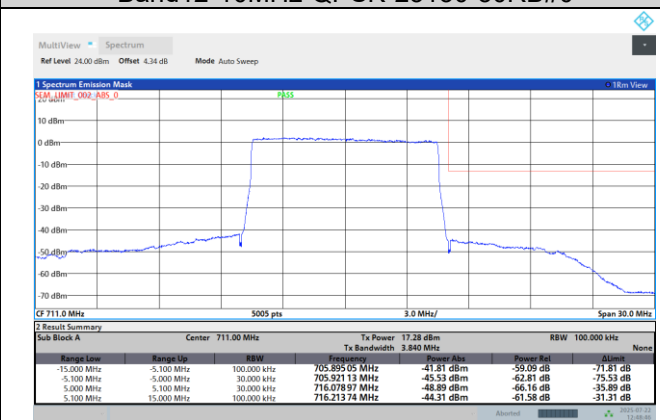
Band12-10MHz-QPSK-23130-1RB#49



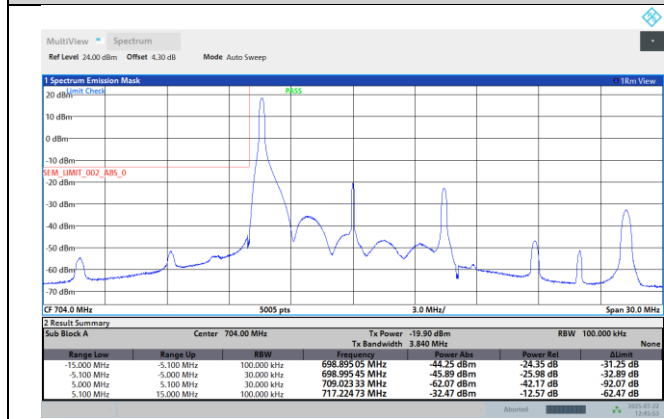
Band12-10MHz-QPSK-23130-50RB#0



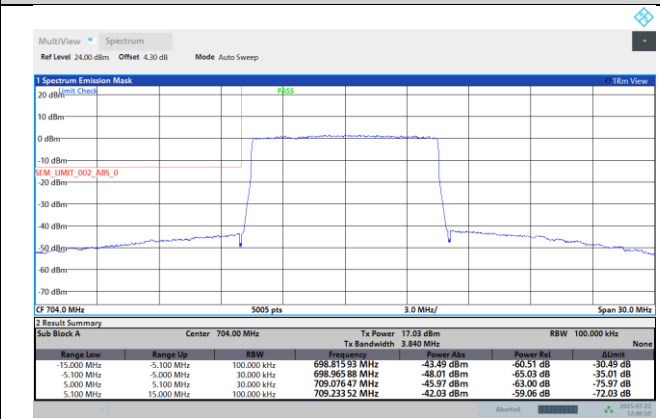
Band12-10MHz-16QAM-23060-1RB#0



Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23130-1RB#49

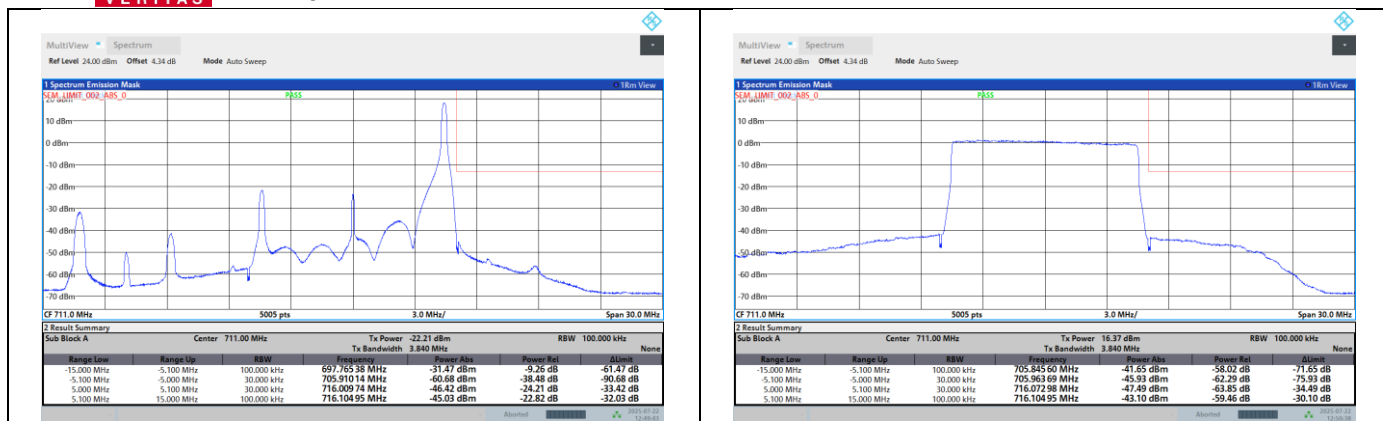


Band12-10MHz-16QAM-23130-50RB#0

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Tel: +86 (0557) 368 1008





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

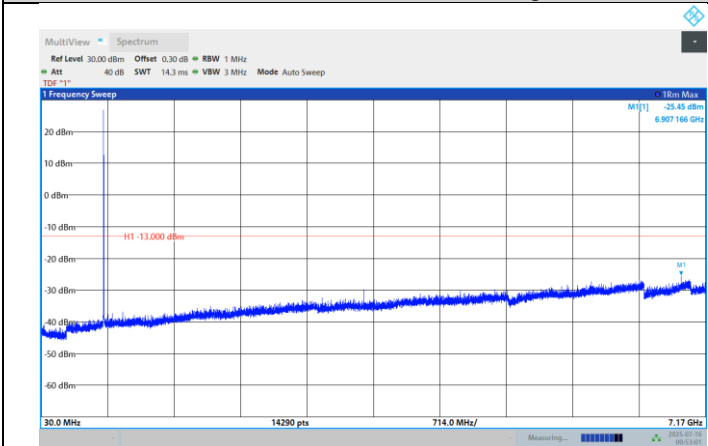
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range(MHz)	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	30~7170	See Graph	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~7170	See Graph	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~7170	See Graph	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~7170	See Graph	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~7170	See Graph	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~7170	See Graph	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~7170	See Graph	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~7170	See Graph	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~7170	See Graph	PASS
Band12	10MHz	QPSK	23035	1RB#0	30~7170	See Graph	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~7170	See Graph	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~7170	See Graph	PASS

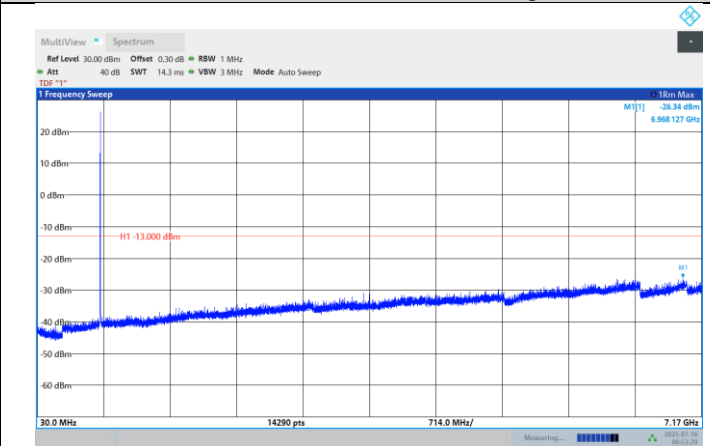


Test Graphs

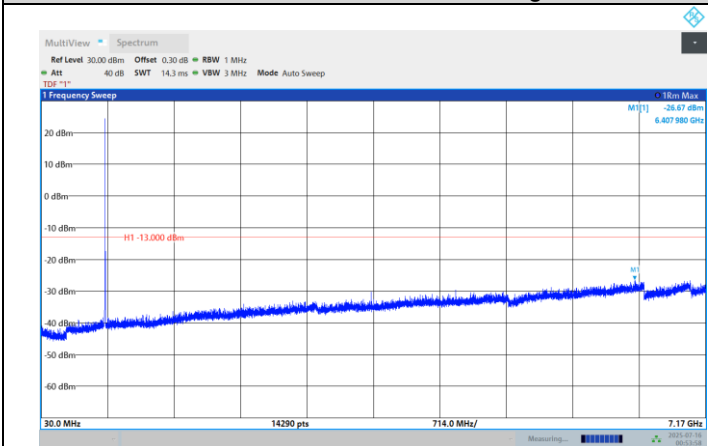
Band12-1.4MHz-QPSK-23017-1RB#0-Range:30~7170MHz



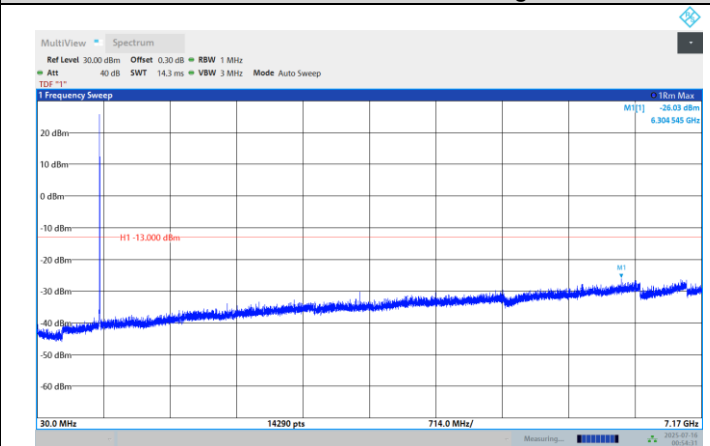
Band12-1.4MHz-QPSK-23095-1RB#0-Range:30~7170MHz



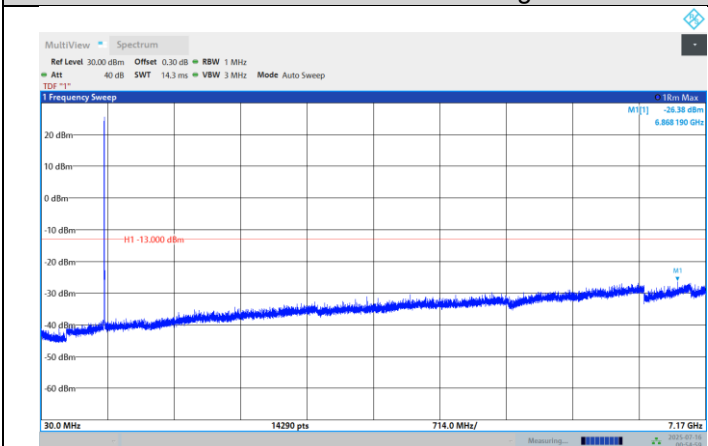
Band12-1.4MHz-QPSK-23173-1RB#0-Range:30~7170MHz



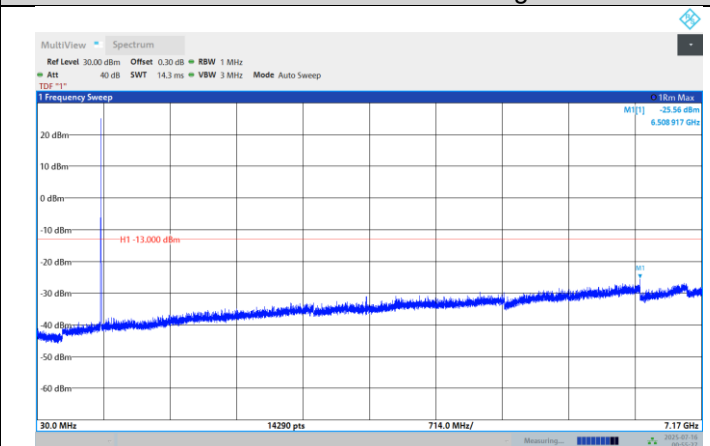
Band12-3MHz-QPSK-23025-1RB#0-Range:30~7170MHz



Band12-3MHz-QPSK-23095-1RB#0-Range:30~7170MHz



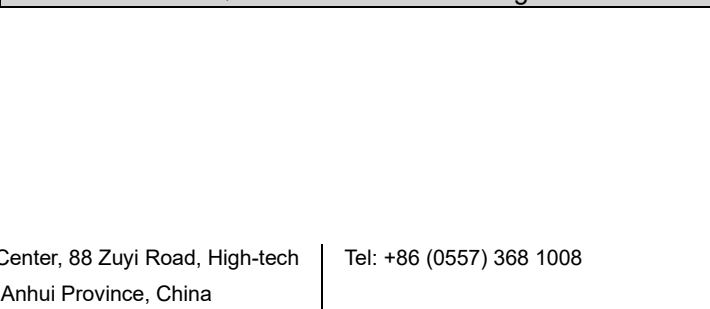
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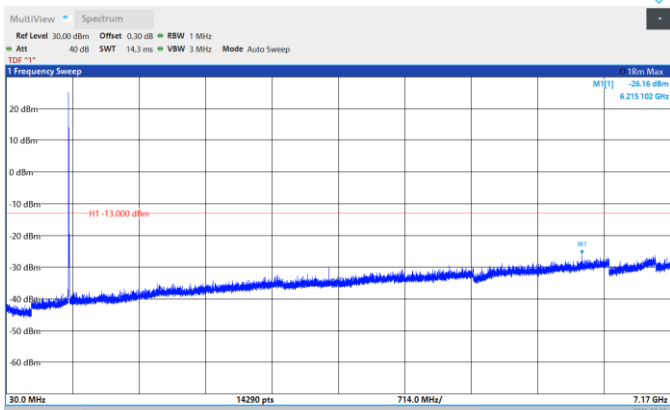


Band12-5MHz-QPSK-23035-1RB#0-Range:30~7170MHz

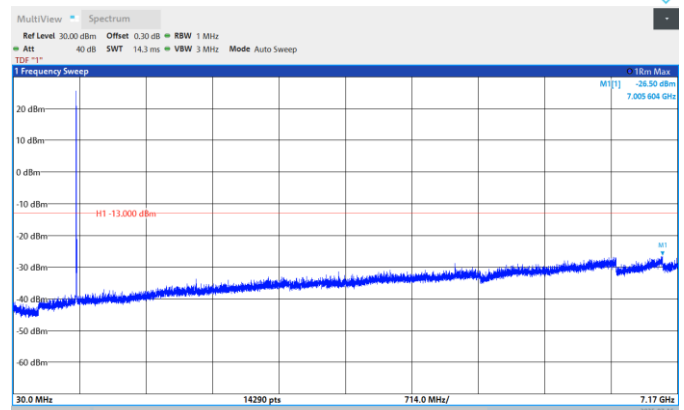


Band12-5MHz-QPSK-23095-1RB#0-Range:30~7170MHz

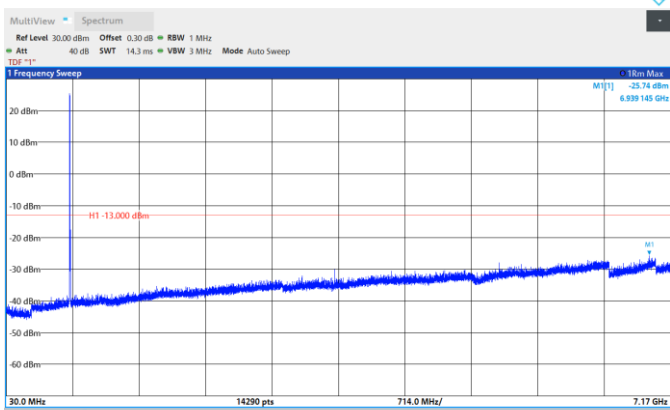




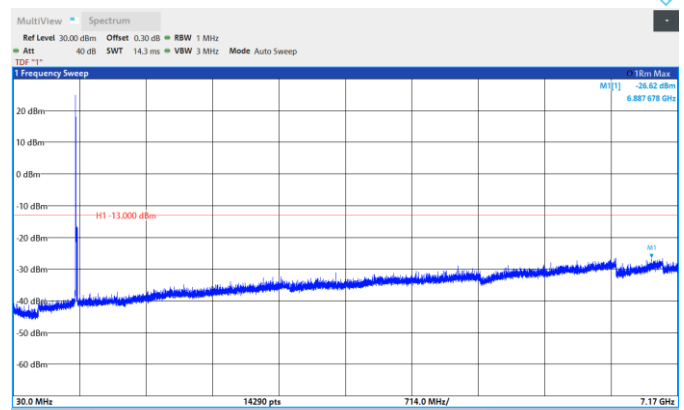
Band12-5MHz-QPSK-23155-1RB#0-Range:30~7170MHz



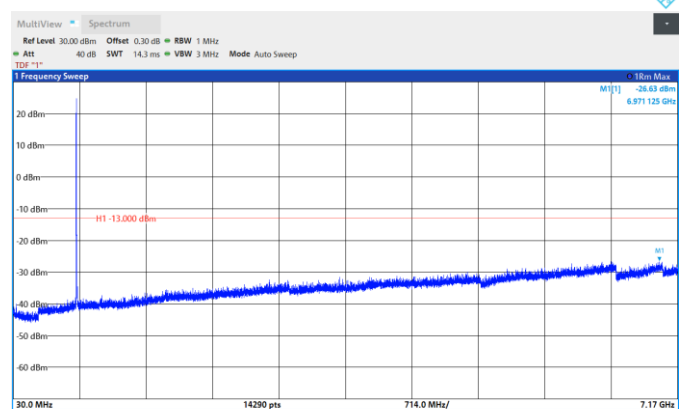
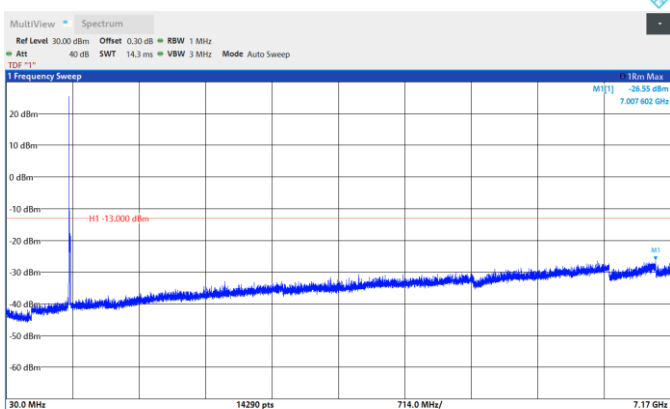
Band12-10MHz-QPSK-23060-1RB#0-Range:30~7170MHz



Band12-10MHz-QPSK-23095-1RB#0-Range:30~7170MHz



Band12-10MHz-QPSK-23130-1RB#0-Range:30~7170MHz





FREQUENCY STABILITY

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	-1.77	-0.0025	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	-78.58	-0.1116	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	1.47	0.0021	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-18.63	-0.0263	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-85.79	-0.1213	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-32.19	-0.0455	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-156.01	-0.2194	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-138.77	-0.1952	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-163.10	-0.2294	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-28.87	-0.0410	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	-86.43	-0.1228	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-10	-171.55	-0.2437	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-3.44	-0.0049	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	-38.06	-0.0541	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	-151.86	-0.2157	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	-137.10	-0.1947	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	-42.36	-0.0602	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	-68.66	-0.0975	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-53.42	-0.0755	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-62.37	-0.0882	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-29.44	-0.0416	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-63.69	-0.0900	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-118.52	-0.1675	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-108.25	-0.1530	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	6.89	0.0097	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-52.08	-0.0736	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-109.66	-0.1550	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-165.68	-0.2330	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-124.16	-0.1746	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	-107.12	-0.1507	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	6.79	0.0095	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-22.35	-0.0314	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	16.76	0.0236	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	-177.09	-0.2491	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	9.44	0.0133	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-174.69	-0.2457	PASS



LTE BAND13

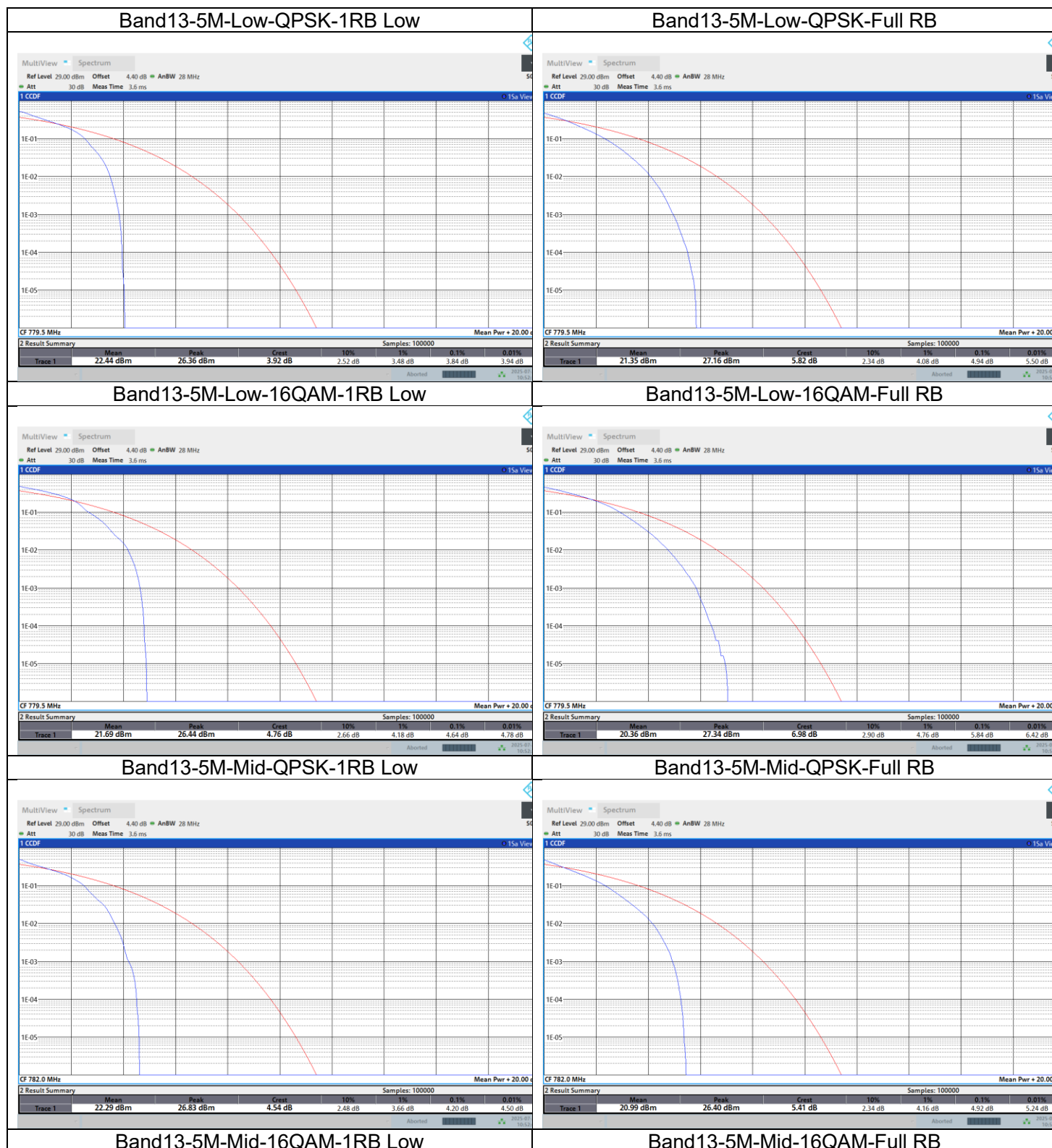
PEAK-TO-AVERAGE RATIO(CCDF)

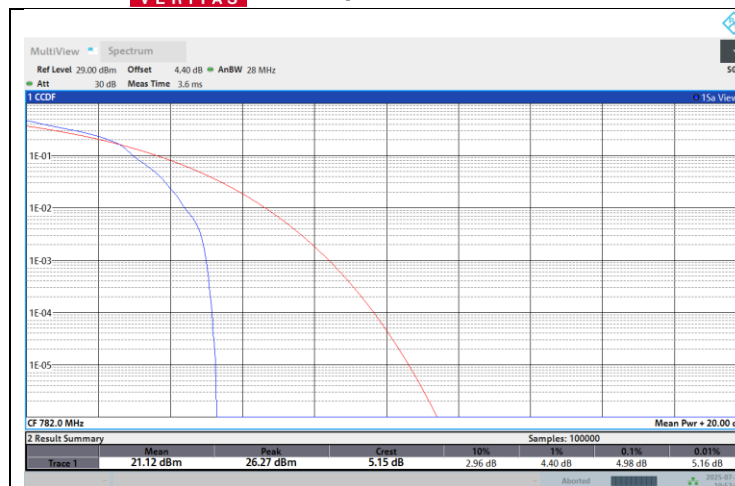
Test Result

Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
5MHz	QPSK	23205	1RB Low	3.84	13	PASS
5MHz	QPSK	23205	Full RB	4.94	13	PASS
5MHz	16QAM	23205	1RB Low	4.64	13	PASS
5MHz	16QAM	23205	Full RB	5.84	13	PASS
5MHz	QPSK	23230	1RB Low	4.20	13	PASS
5MHz	QPSK	23230	Full RB	4.92	13	PASS
5MHz	16QAM	23230	1RB Low	4.98	13	PASS
5MHz	16QAM	23230	Full RB	5.70	13	PASS
5MHz	QPSK	23255	1RB Low	4.26	13	PASS
5MHz	QPSK	23255	Full RB	5.04	13	PASS
5MHz	16QAM	23255	1RB Low	4.74	13	PASS
5MHz	16QAM	23255	Full RB	5.82	13	PASS
10MHz	QPSK	23230	1RB Low	3.92	13	PASS
10MHz	QPSK	23230	Full RB	5.28	13	PASS
10MHz	16QAM	23230	1RB Low	4.84	13	PASS
10MHz	16QAM	23230	Full RB	6.24	13	PASS
10MHz	QPSK	23230	1RB Low	3.98	13	PASS
10MHz	QPSK	23230	Full RB	5.28	13	PASS
10MHz	16QAM	23230	1RB Low	4.82	13	PASS
10MHz	16QAM	23230	Full RB	6.10	13	PASS
10MHz	QPSK	23230	1RB Low	4.04	13	PASS
10MHz	QPSK	23230	Full RB	5.32	13	PASS
10MHz	16QAM	23230	1RB Low	4.88	13	PASS
10MHz	16QAM	23230	Full RB	6.08	13	PASS

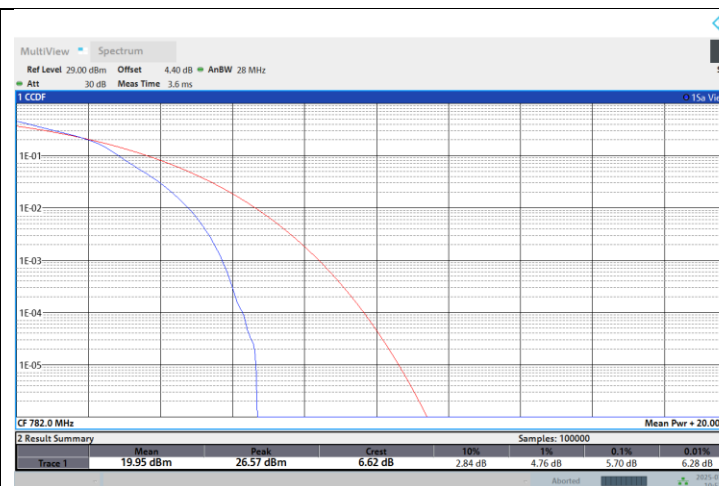


Test Graphs

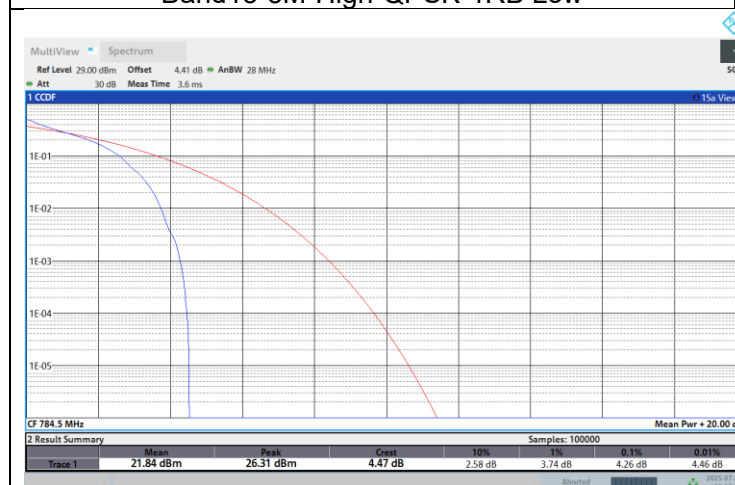




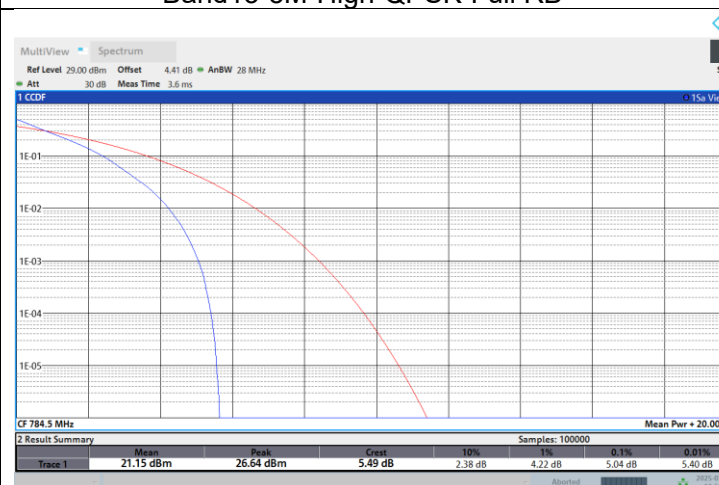
Band13-5M-High-QPSK-1RB Low



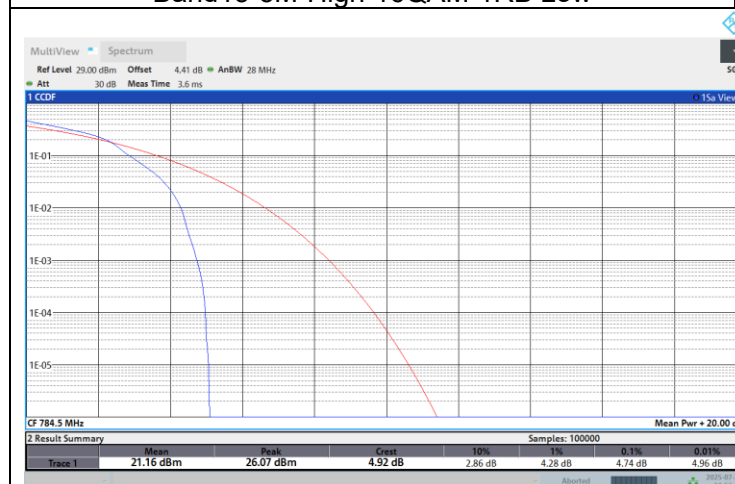
Band13-5M-High-QPSK-Full RB



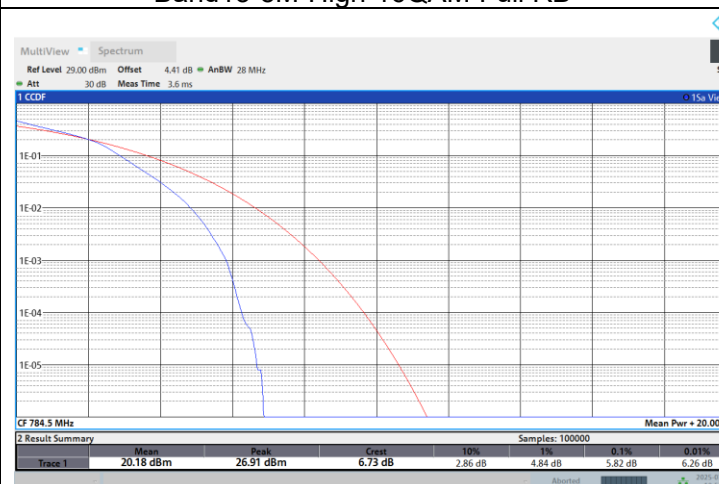
Band13-5M-High-16QAM-1RB Low



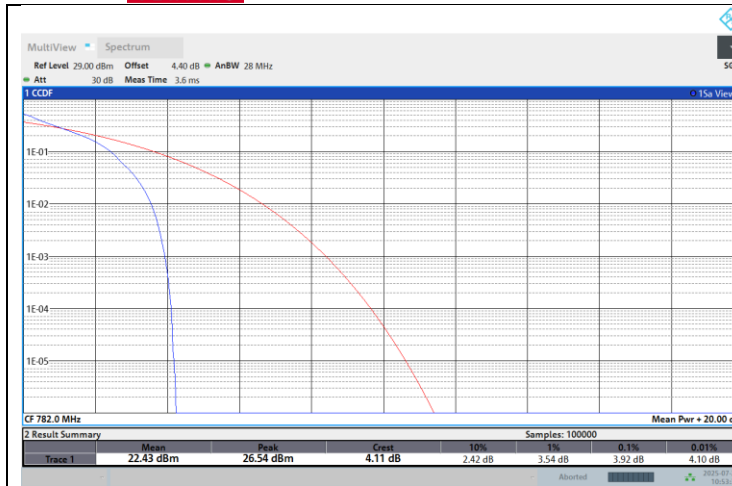
Band13-5M-High-16QAM-Full RB



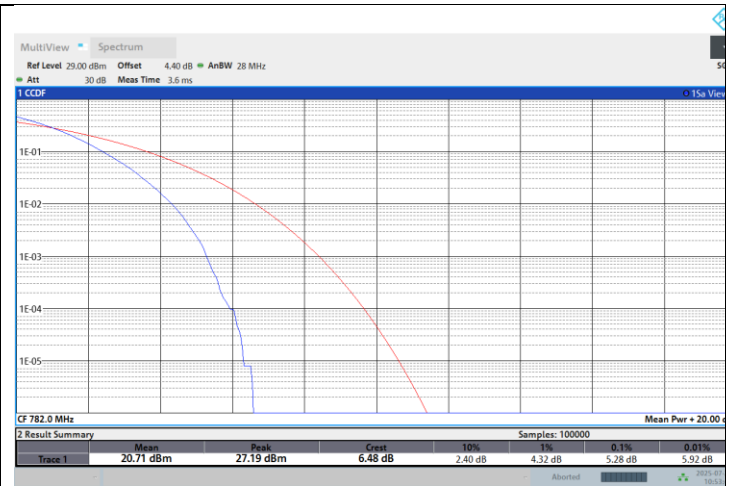
Band13-10M-Low-QPSK-1RB Low



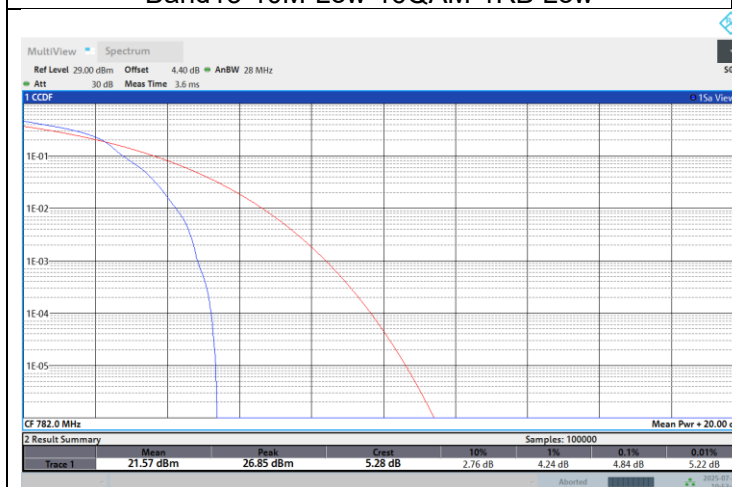
Band13-10M-Low-QPSK-Full RB



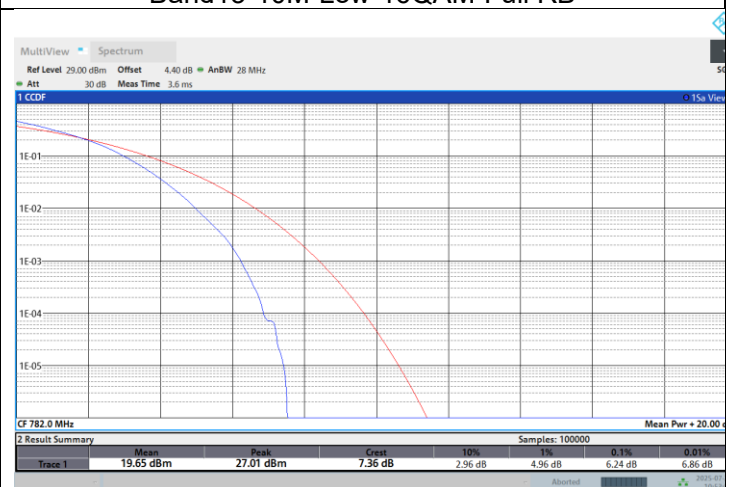
Band13-10M-Low-16QAM-1RB Low



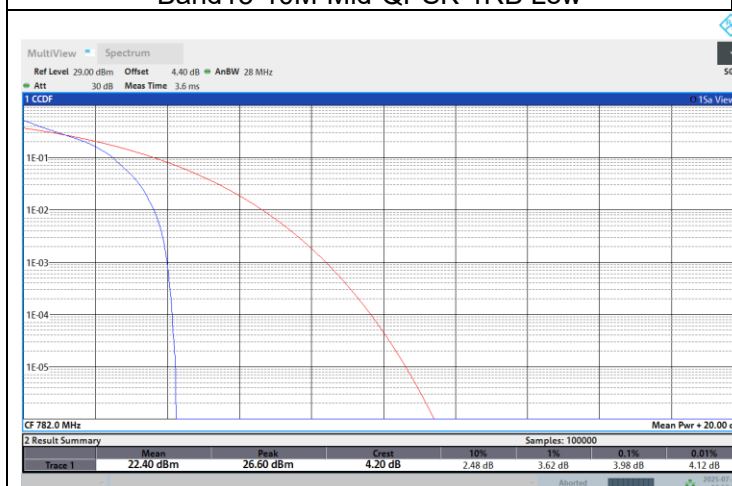
Band13-10M-Low-16QAM-Full RB



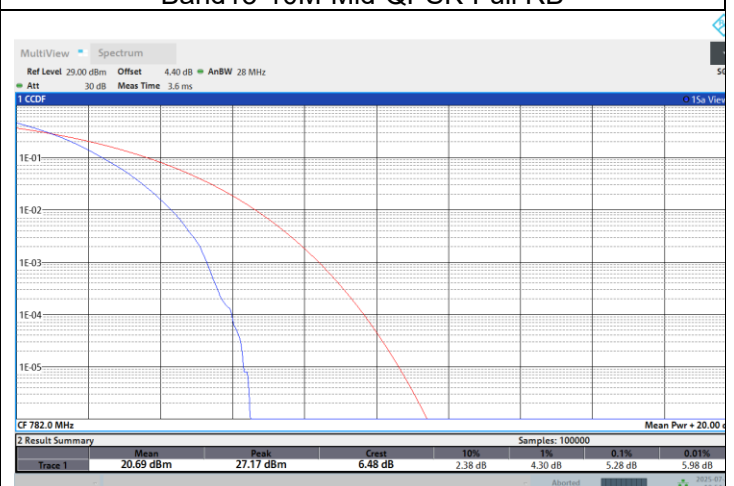
Band13-10M-Mid-QPSK-1RB Low



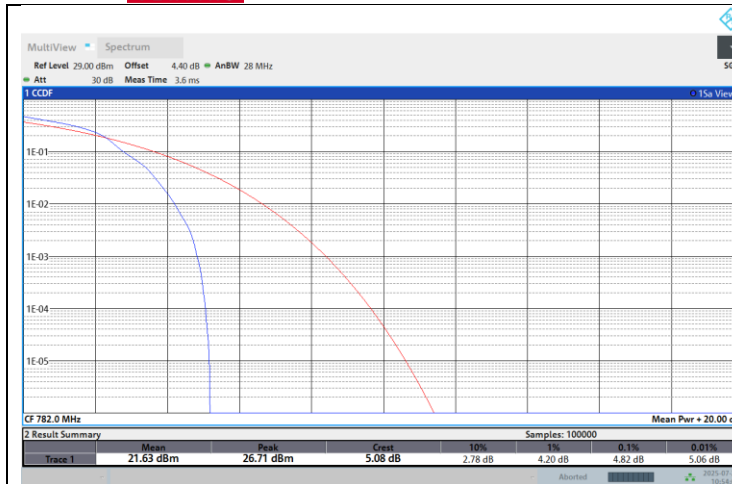
Band13-10M-Mid-QPSK-Full RB



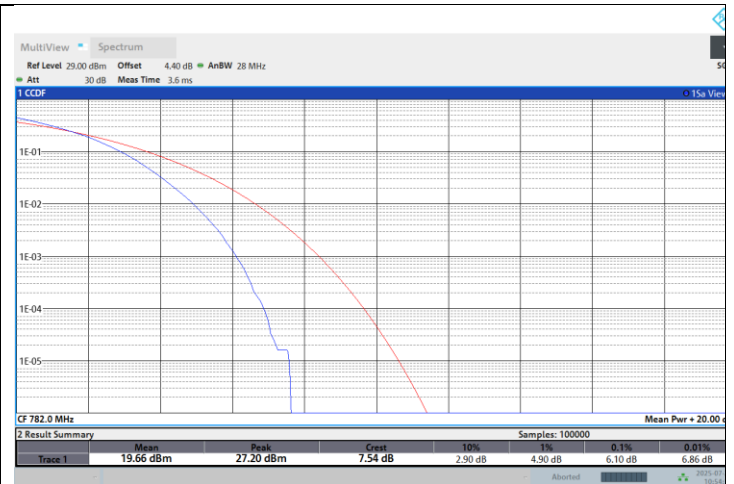
Band13-10M-Mid-16QAM-1RB Low



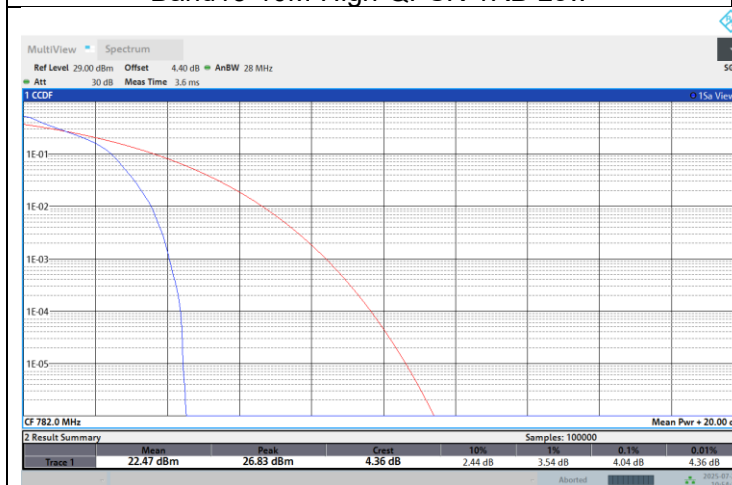
Band13-10M-Mid-16QAM-Full RB



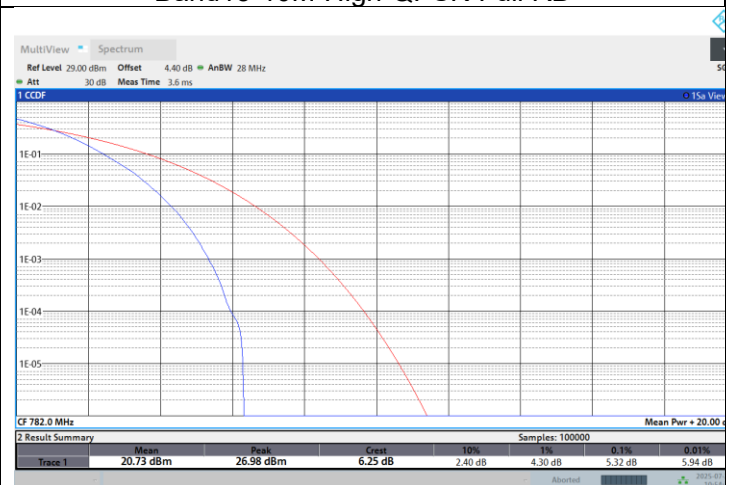
Band13-10M-High-QPSK-1RB Low



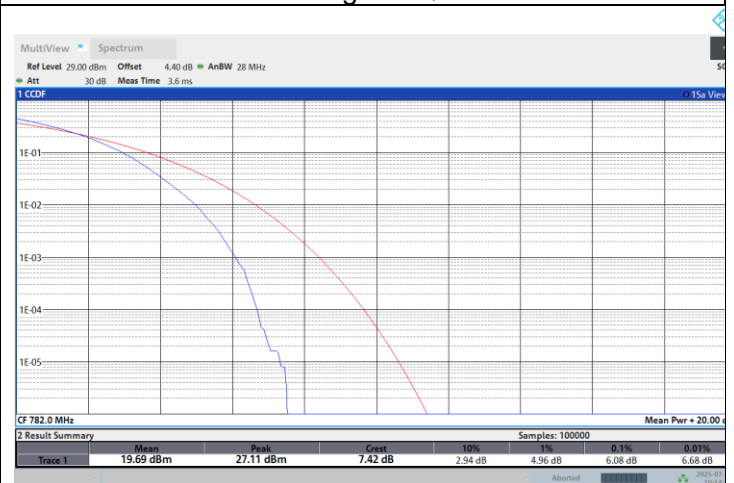
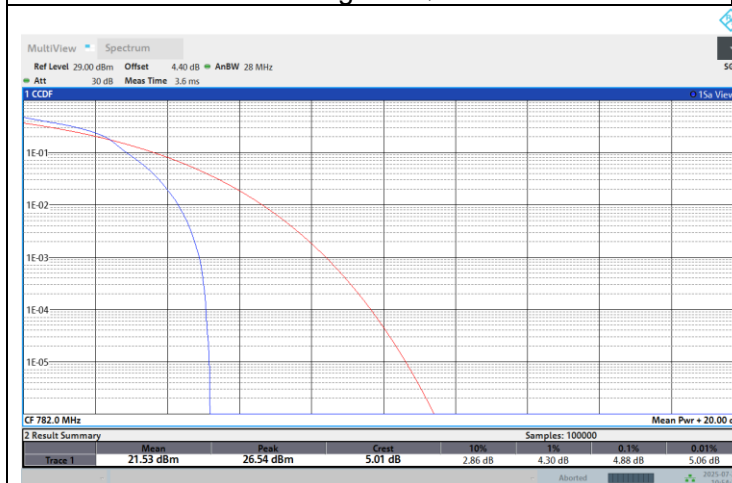
Band13-10M-High-QPSK-Full RB



Band13-10M-High-16QAM-1RB Low



Band13-10M-High-16QAM-Full RB





BUREAU VERITAS Test Report No.: PSU-QSZ2507090114RF03

26DB BANDWIDTH AND OCCUPIED BANDWIDTH Occupied Bandwidth

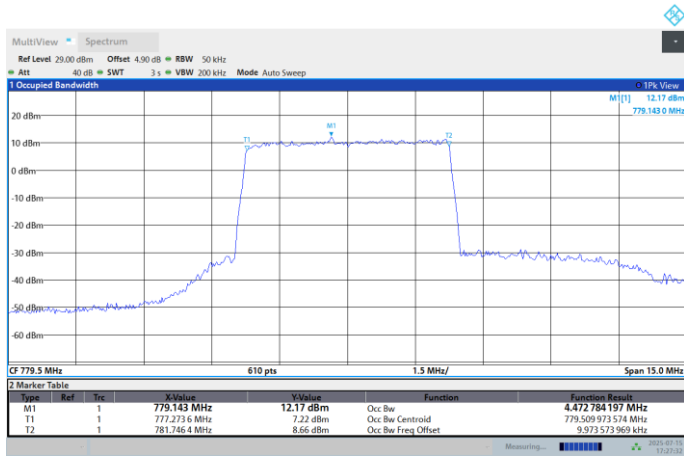
Test Result

Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth(MHz)	Verdict
5MHz	QPSK	23205	Full RB	4.473	PASS
5MHz	16QAM	23205	Full RB	4.475	PASS
5MHz	QPSK	23230	Full RB	4.495	PASS
5MHz	16QAM	23230	Full RB	4.48	PASS
5MHz	QPSK	23255	Full RB	4.49	PASS
5MHz	16QAM	23255	Full RB	4.488	PASS
10MHz	QPSK	23230	Full RB	8.942	PASS
10MHz	16QAM	23230	Full RB	8.928	PASS
10MHz	QPSK	23230	Full RB	8.946	PASS
10MHz	16QAM	23230	Full RB	8.936	PASS
10MHz	QPSK	23230	Full RB	8.946	PASS
10MHz	16QAM	23230	Full RB	8.943	PASS

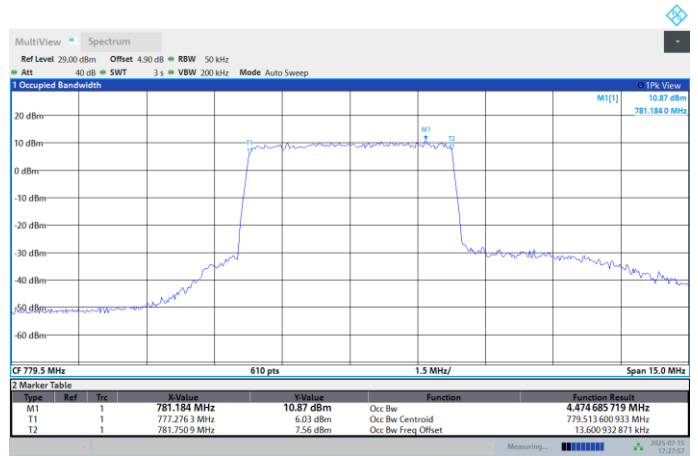


Test Graphs

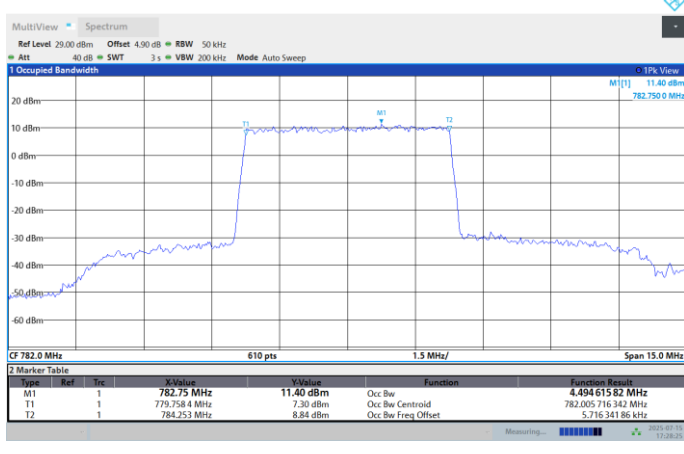
Band13-5M-Low-QPSK-Full RB



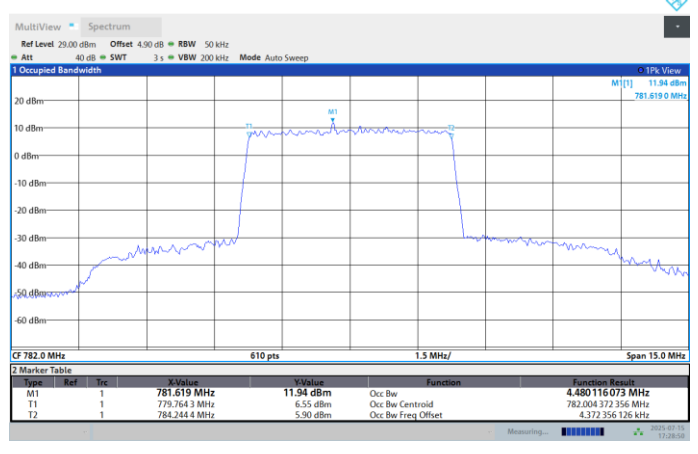
Band13-5M-Low-16QAM-Full RB



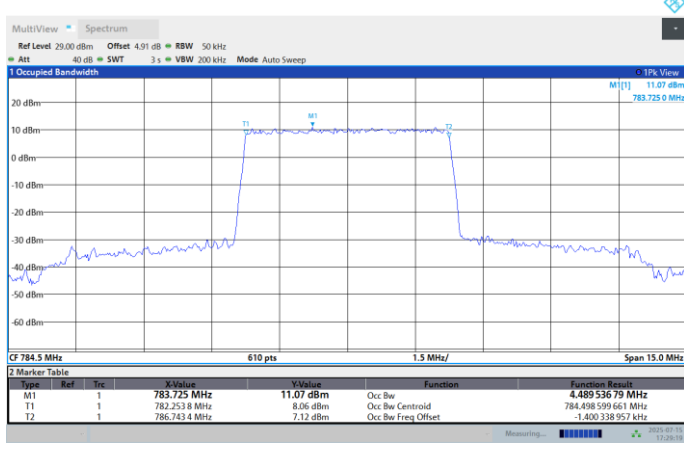
Band13-5M-Mid-QPSK-Full RB



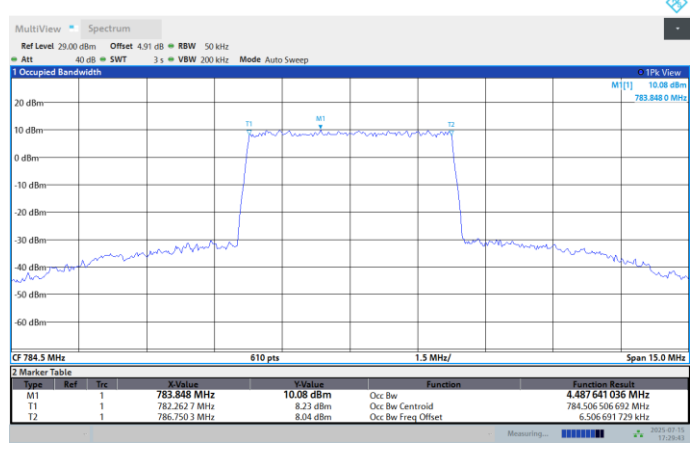
Band13-5M-Mid-16QAM-Full RB



Band13-5M-High-QPSK-Full RB

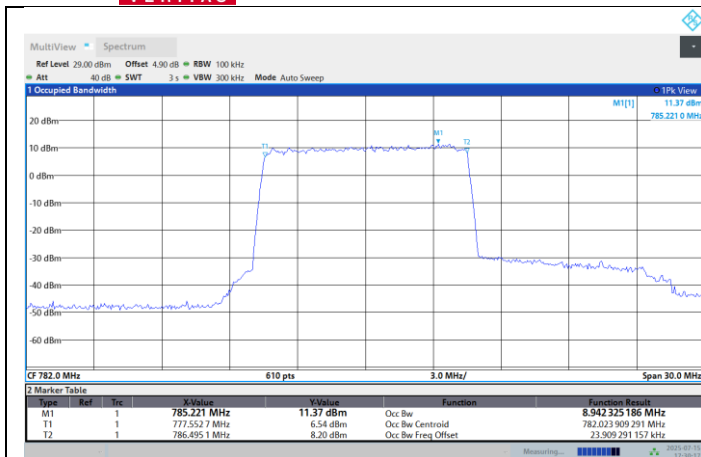


Band13-5M-High-16QAM-Full RB

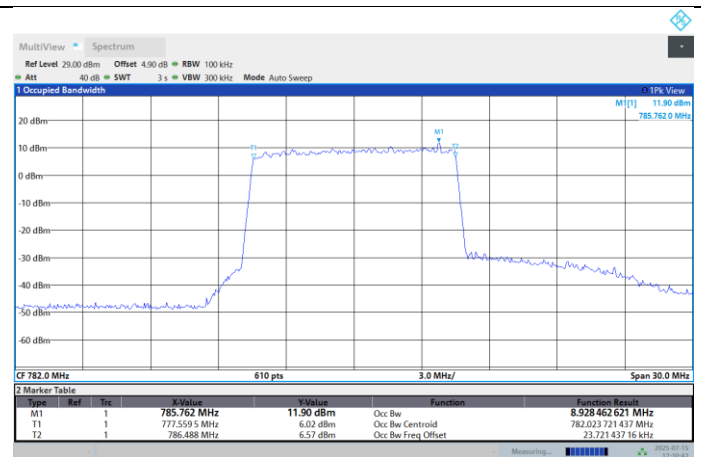


Band13-10M-Low-QPSK-Full RB

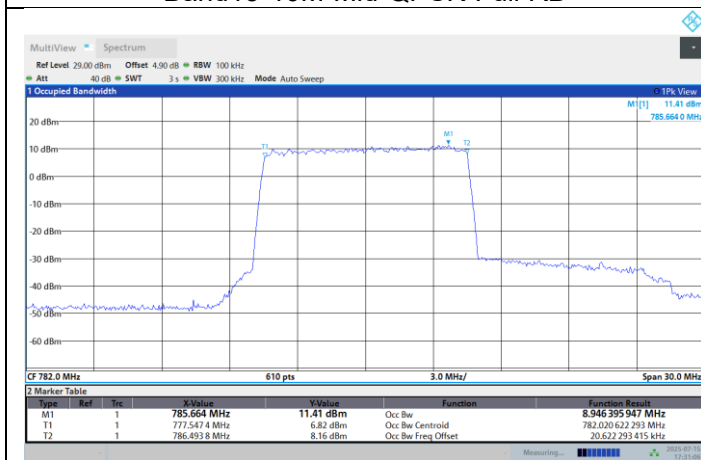
Band13-10M-Low-16QAM-Full RB



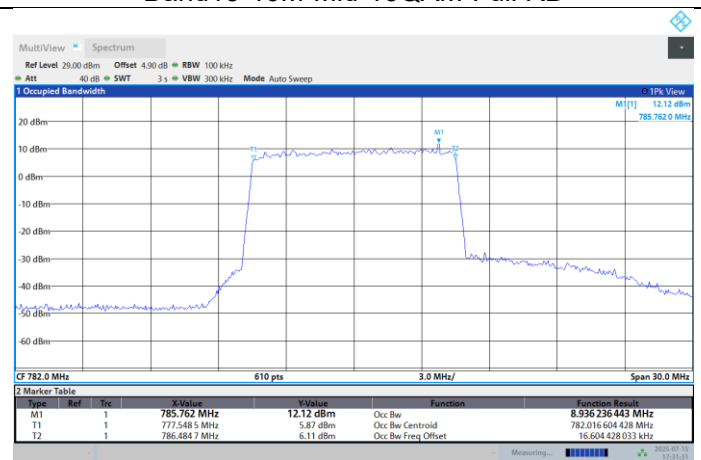
Band13-10M-Mid-QPSK-Full RB



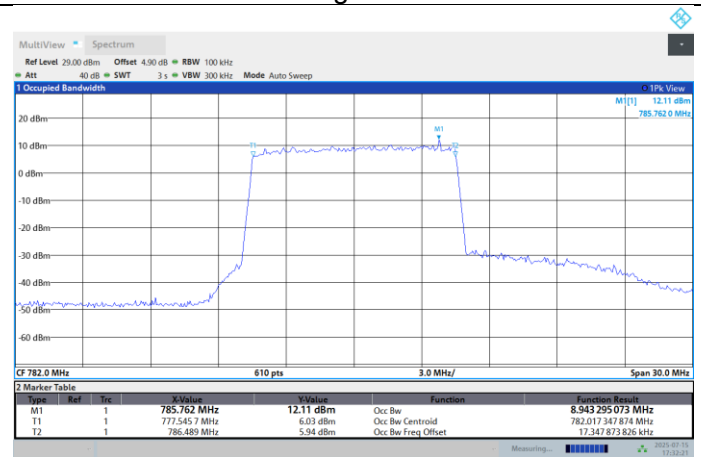
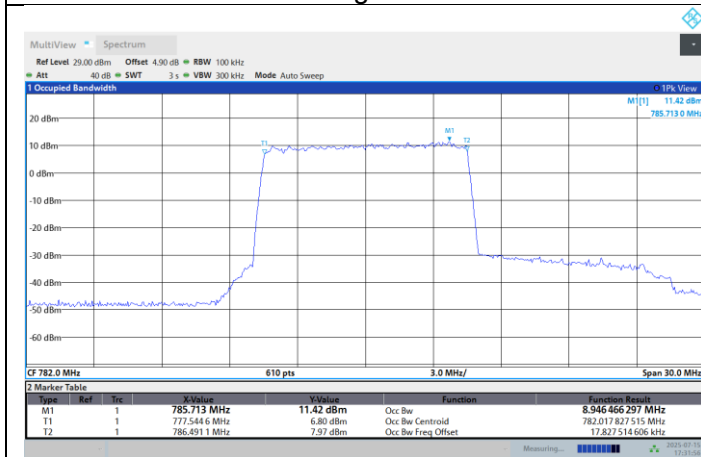
Band13-10M-Mid-16QAM-Full RB



Band13-10M-High-QPSK-Full RB



Band13-10M-High-16QAM-Full RB





26dB Bandwidth

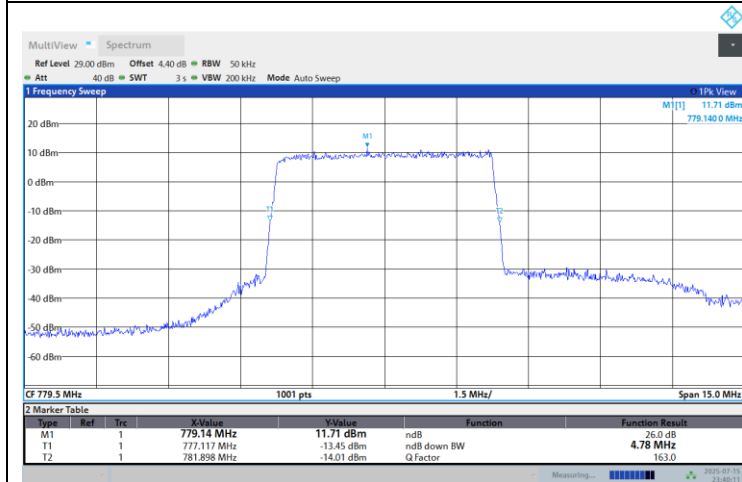
Test Result

Bandwidth	Modulation	Channel	RB Configuration	26dB Bandwidth(MHz)	Verdict
5MHz	QPSK	23205	Full RB	4.78	PASS
5MHz	16QAM	23205	Full RB	4.795	PASS
5MHz	QPSK	23230	Full RB	4.795	PASS
5MHz	16QAM	23230	Full RB	4.765	PASS
5MHz	QPSK	23255	Full RB	4.795	PASS
5MHz	16QAM	23255	Full RB	4.795	PASS
10MHz	QPSK	23230	Full RB	9.53	PASS
10MHz	16QAM	23230	Full RB	9.471	FAIL
10MHz	QPSK	23230	Full RB	9.53	PASS
10MHz	16QAM	23230	Full RB	9.441	FAIL
10MHz	QPSK	23230	Full RB	9.56	PASS
10MHz	16QAM	23230	Full RB	9.441	FAIL

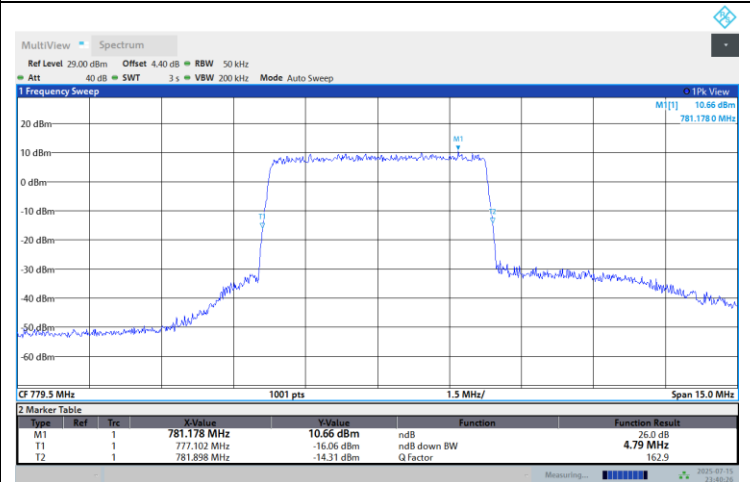


Test Graphs

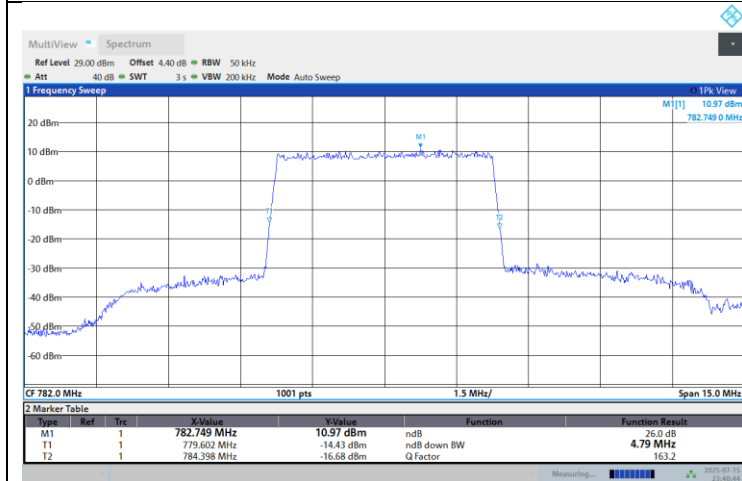
Band13-5M-Low-QPSK-Full RB



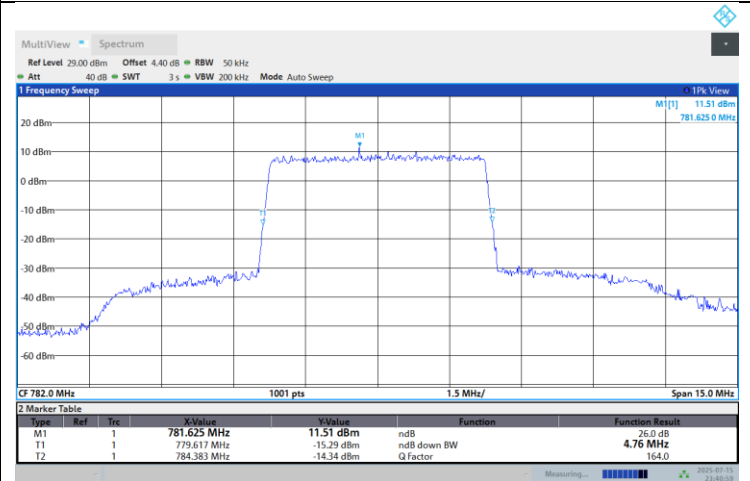
Band13-5M-Low-16QAM-Full RB



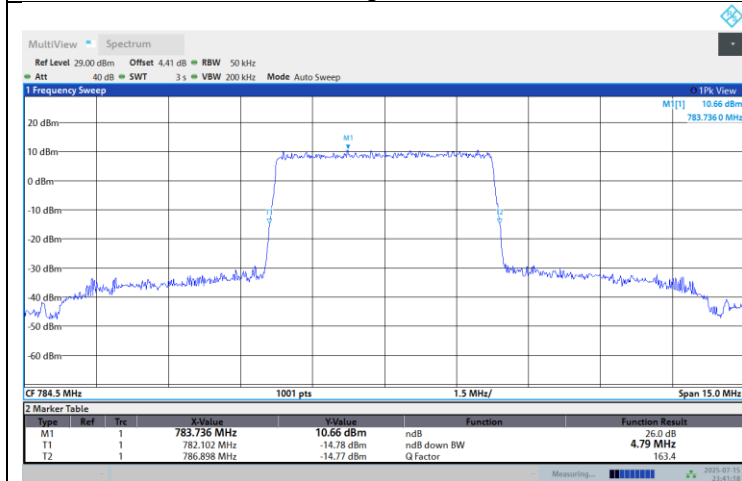
Band13-5M-Mid-QPSK-Full RB



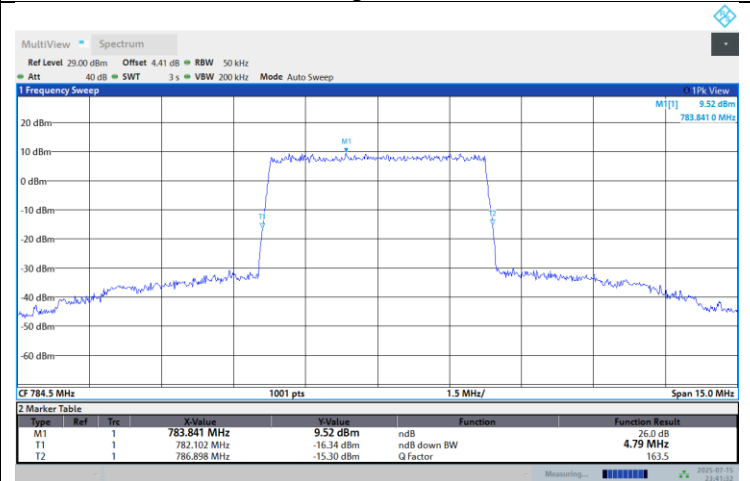
Band13-5M-Mid-16QAM-Full RB



Band13-5M-High-QPSK-Full RB



Band13-5M-High-16QAM-Full RB

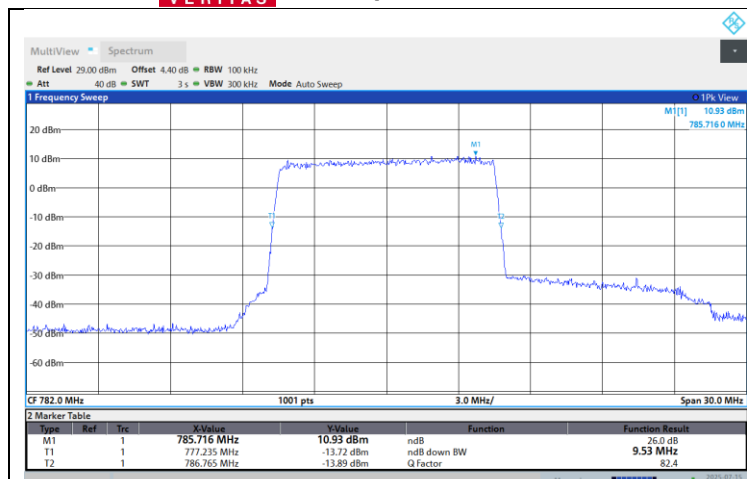


Band13-10M-Low-QPSK-Full RB

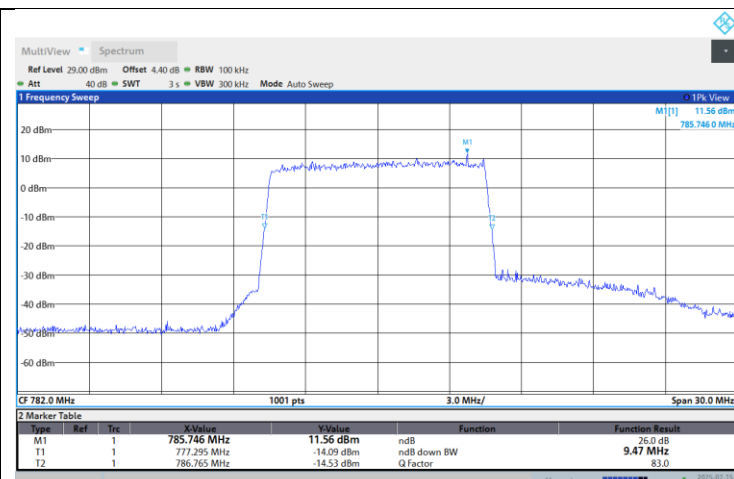


Band13-10M-Low-16QAM-Full RB

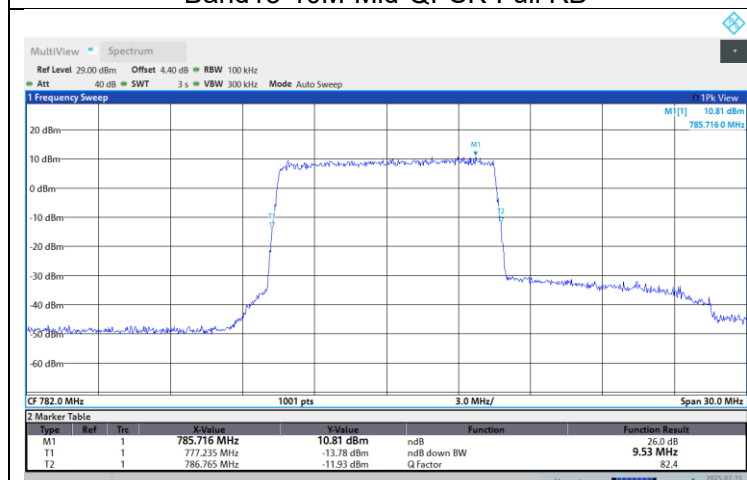




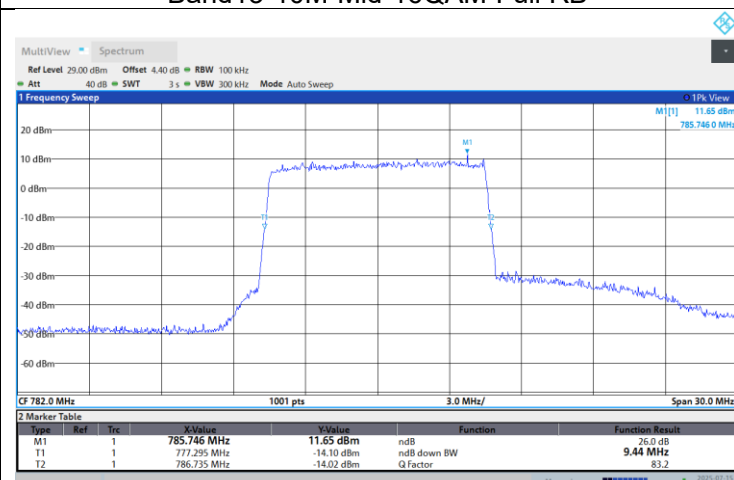
Band13-10M-Mid-QPSK-Full RB



Band13-10M-Mid-16QAM-Full RB



Band13-10M-High-QPSK-Full RB



Band13-10M-High-16QAM-Full RB

