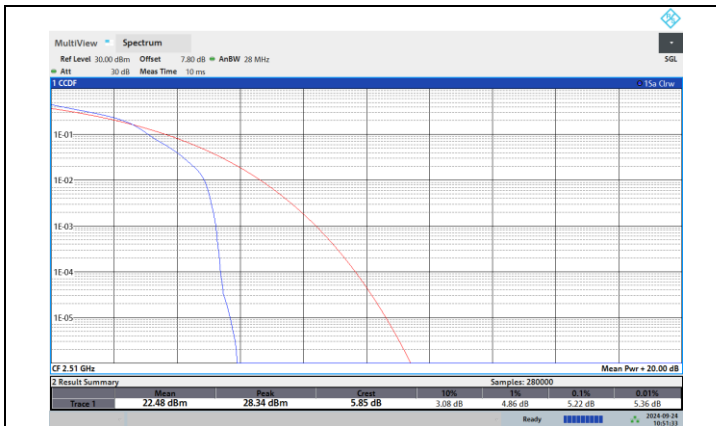


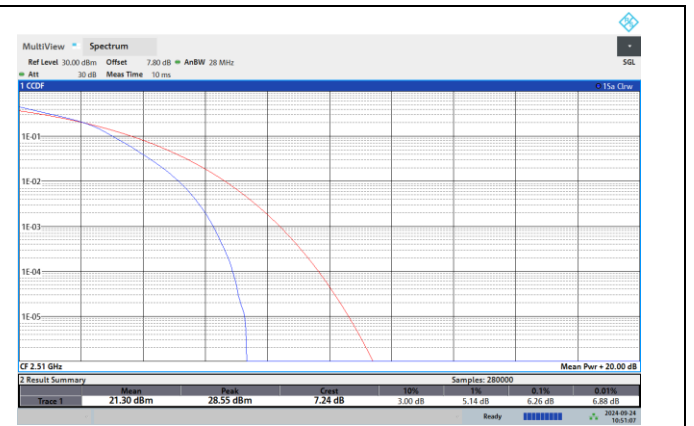


BUREAU VERITAS

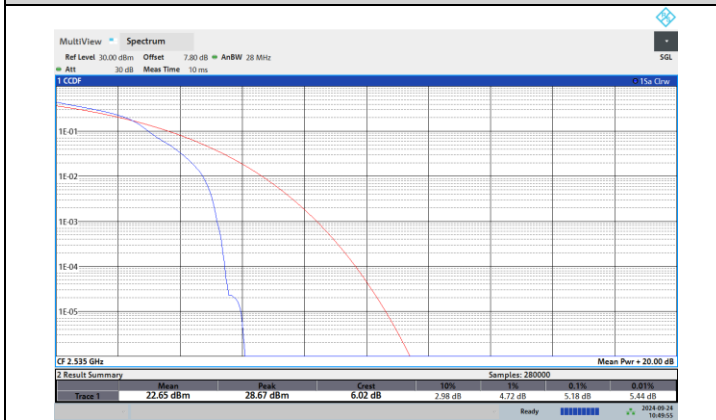
Test Report No.: PSU-QSU2306120115RF05



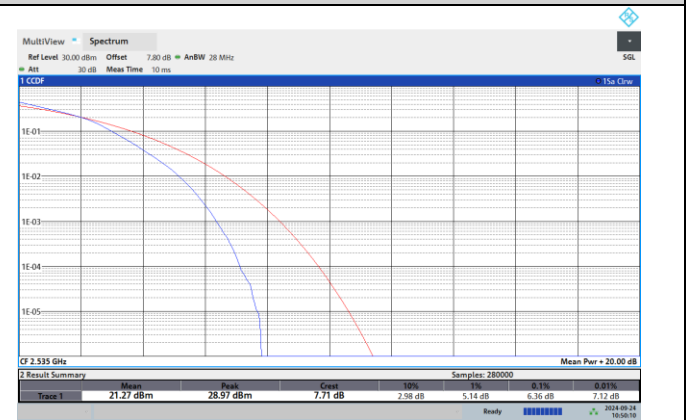
Band7-20MHz-16QAM-21100-1RB#0



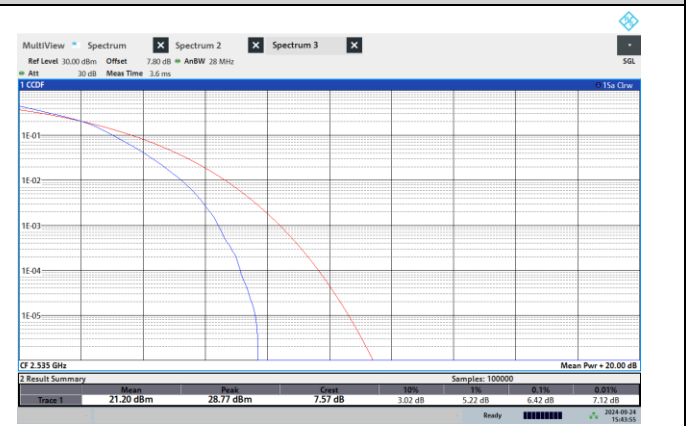
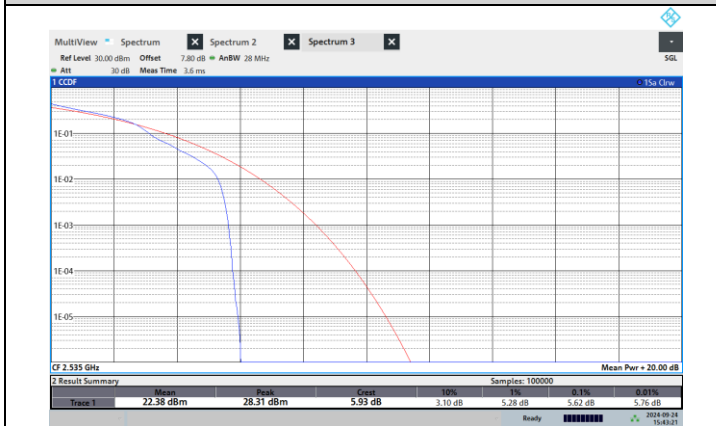
Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-1RB#0



Band7-20MHz-16QAM-21350-100RB#0





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

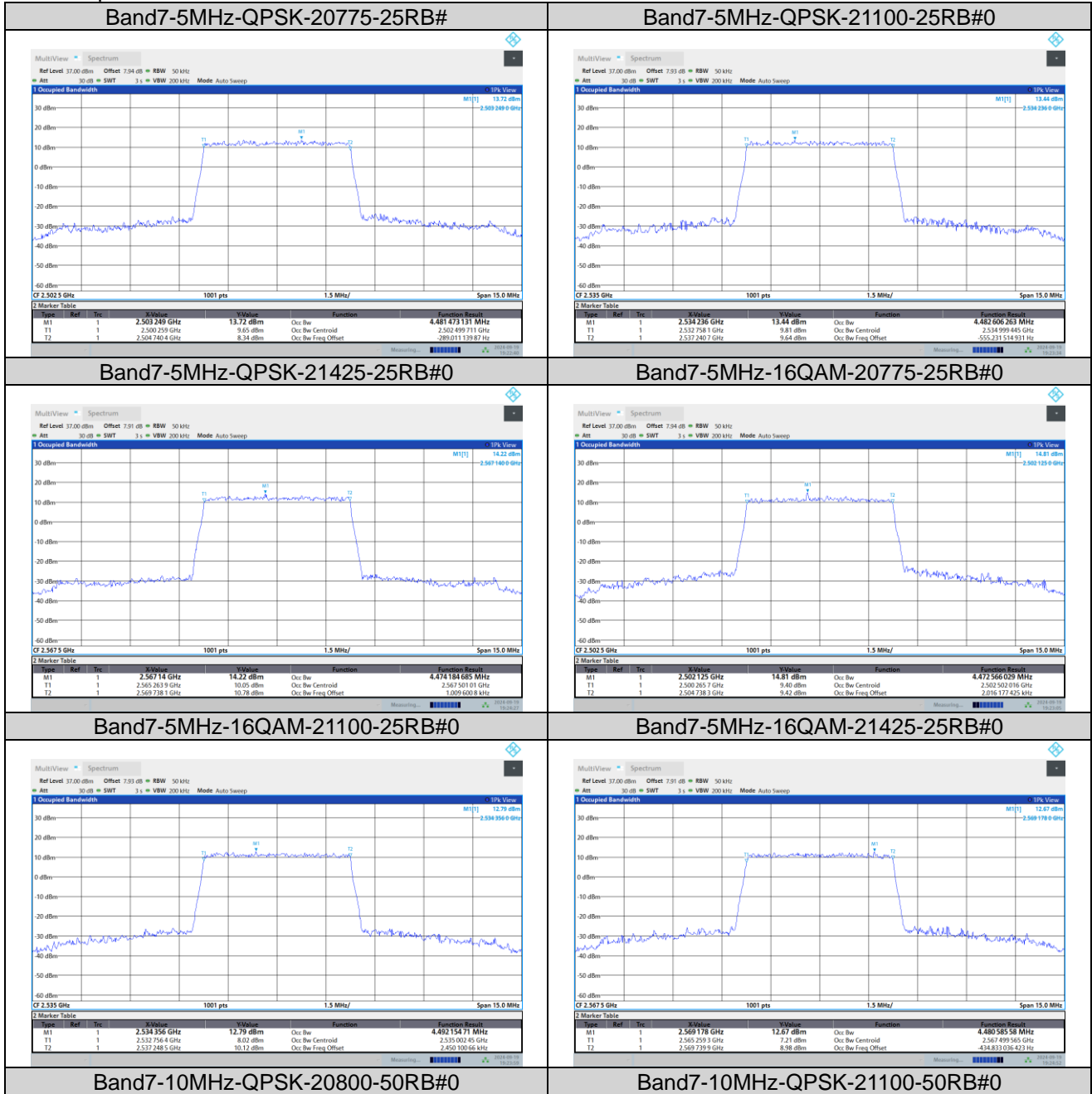
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.481	4.92	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.483	4.92	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.474	4.88	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.473	4.88	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.492	4.92	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.481	4.92	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.961	9.71	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.946	9.74	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.956	9.77	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.943	9.71	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.960	9.74	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.953	9.86	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.459	14.79	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.411	14.79	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.454	14.84	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.451	14.79	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.470	14.97	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.460	14.79	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.885	19.24	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.899	19.36	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.963	19.60	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.924	19.42	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.930	19.54	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.928	19.48	PASS



Test Graphs

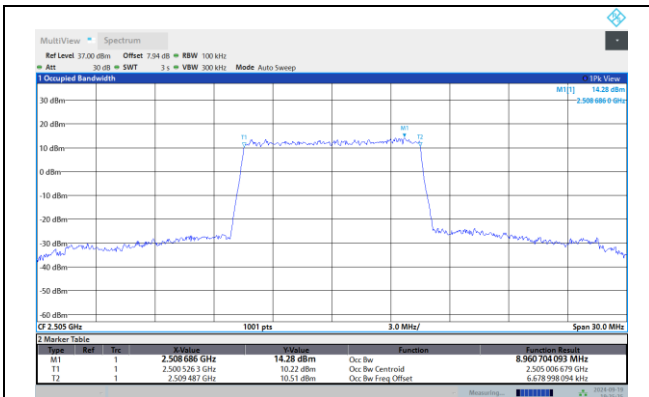
Occupied Bandwidth



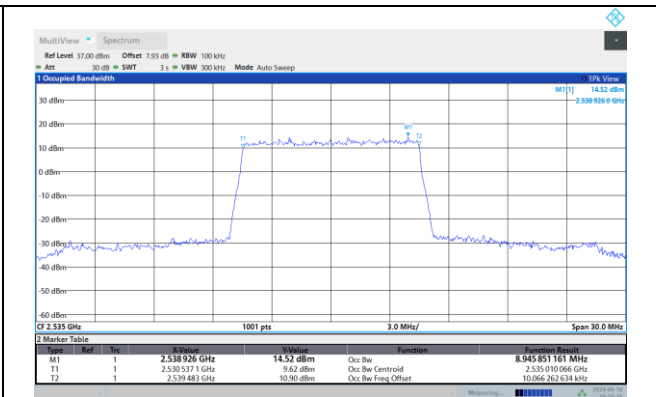


BUREAU VERITAS

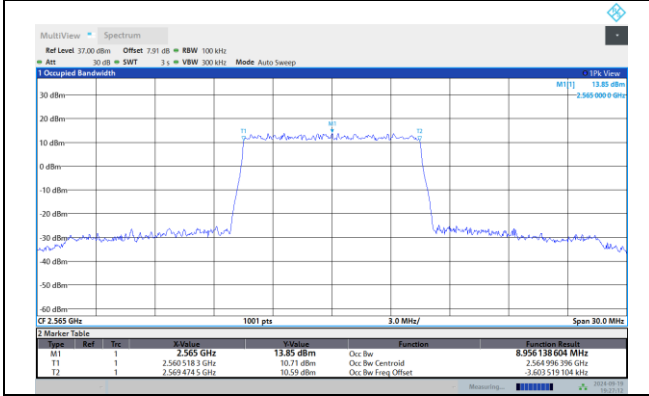
Test Report No.: PSU-QSU2306120115RF05



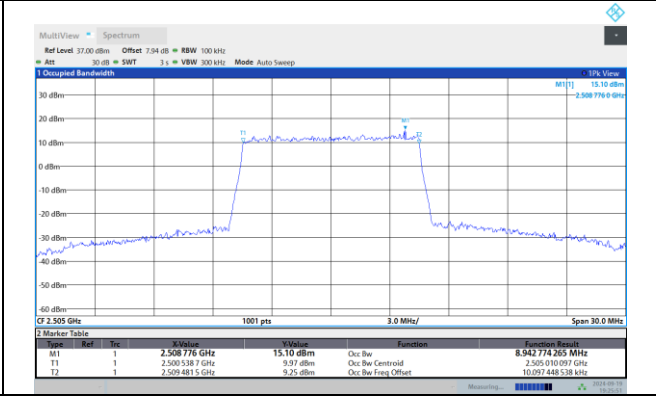
Band7-10MHz-QPSK-21400-50RB#0



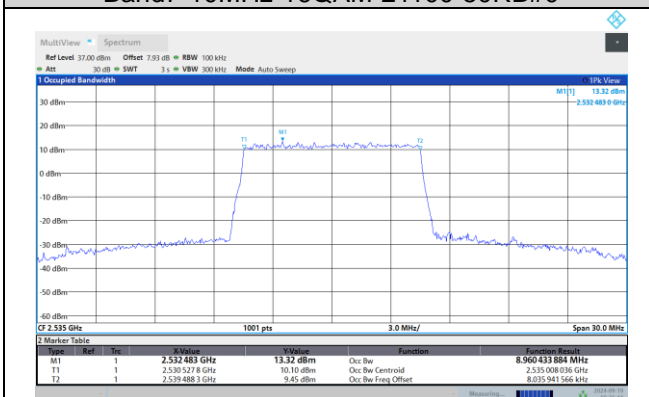
Band7-10MHz-16QAM-20800-50RB#0



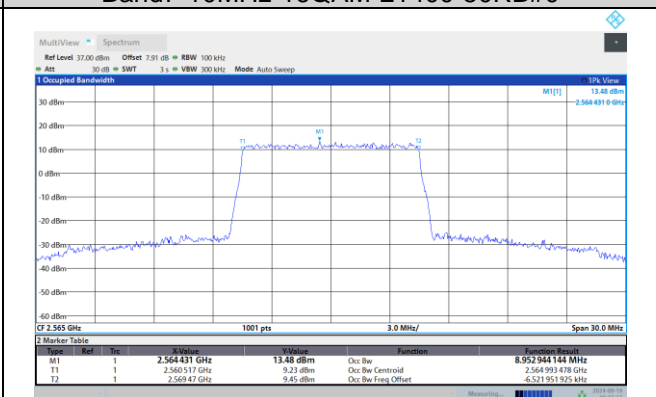
Band7-10MHz-16QAM-21100-50RB#0



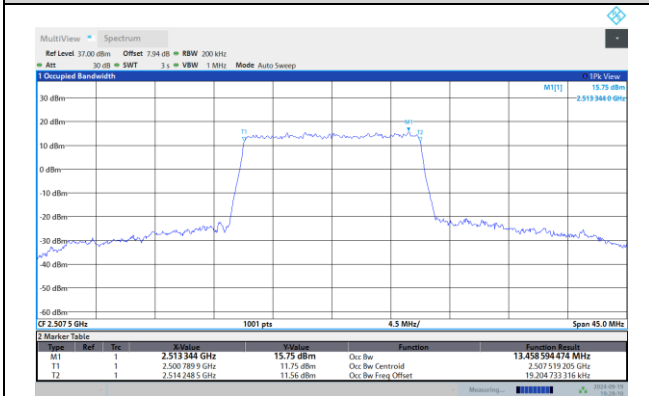
Band7-10MHz-16QAM-21400-50RB#0



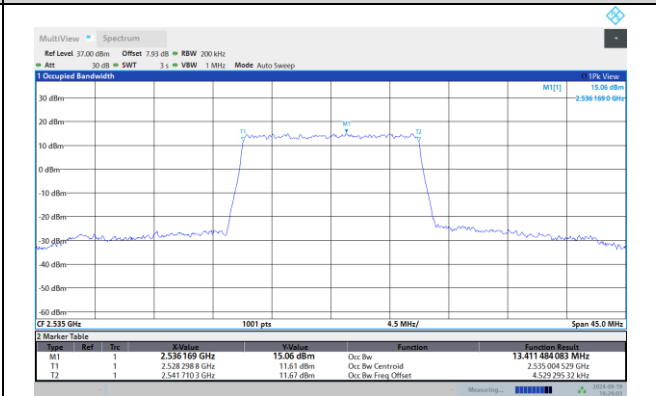
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Band7-15MHz-QPSK-21100-75RB#0



Band7-15MHz-QPSK-21375-75RB#0

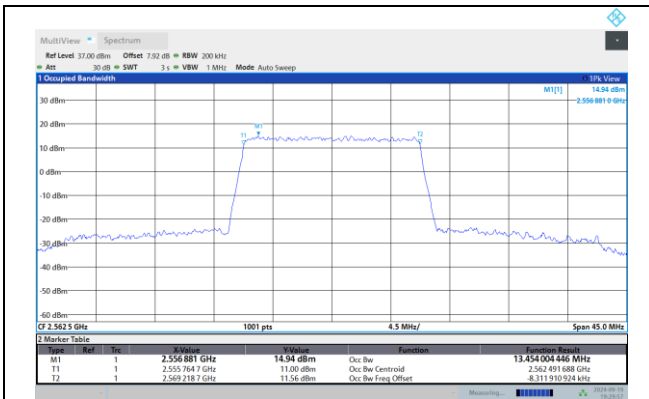


Band7-15MHz-16QAM-20825-75RB#0

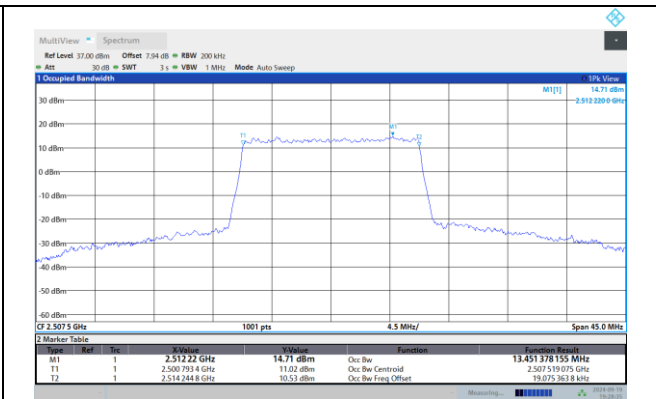


BUREAU VERITAS

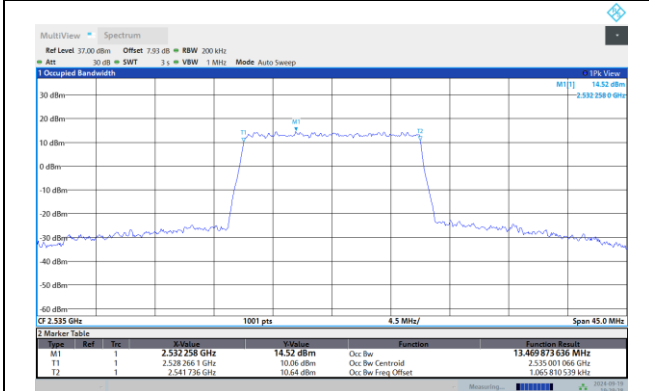
Test Report No.: PSU-QSU2306120115RF05



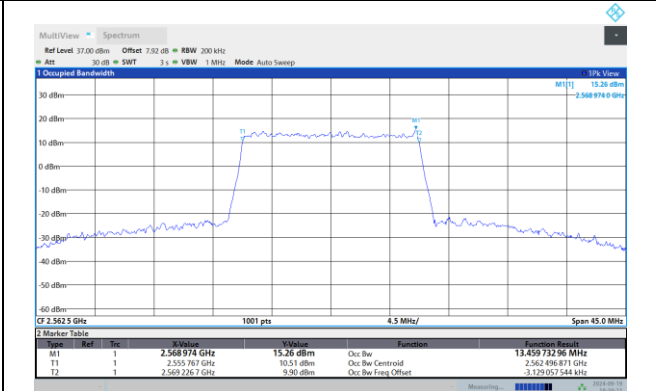
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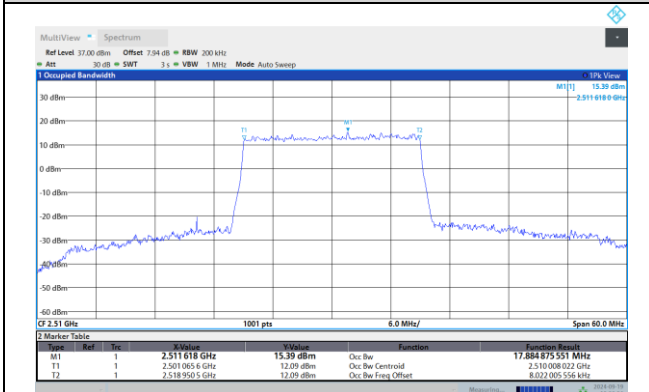
Band7-15MHz-16QAM-21375-75RB#0



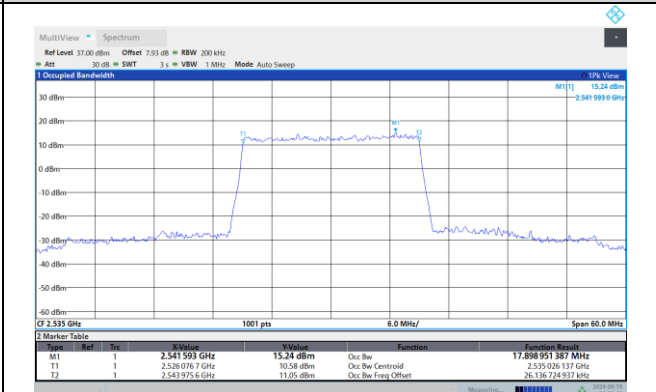
Band7-20MHz-QPSK-20850-100RB#0



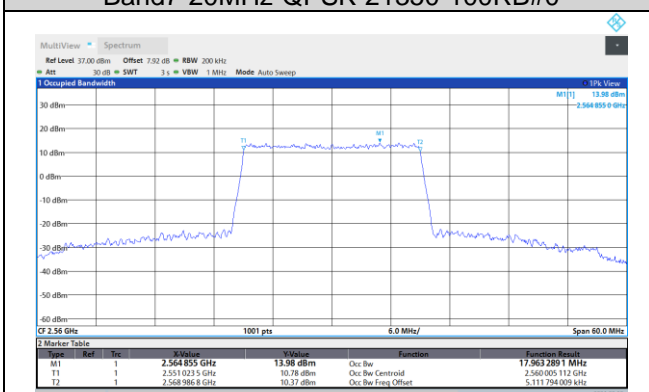
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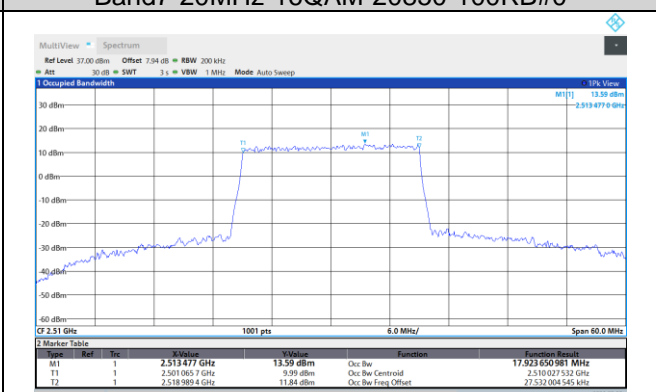
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Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0

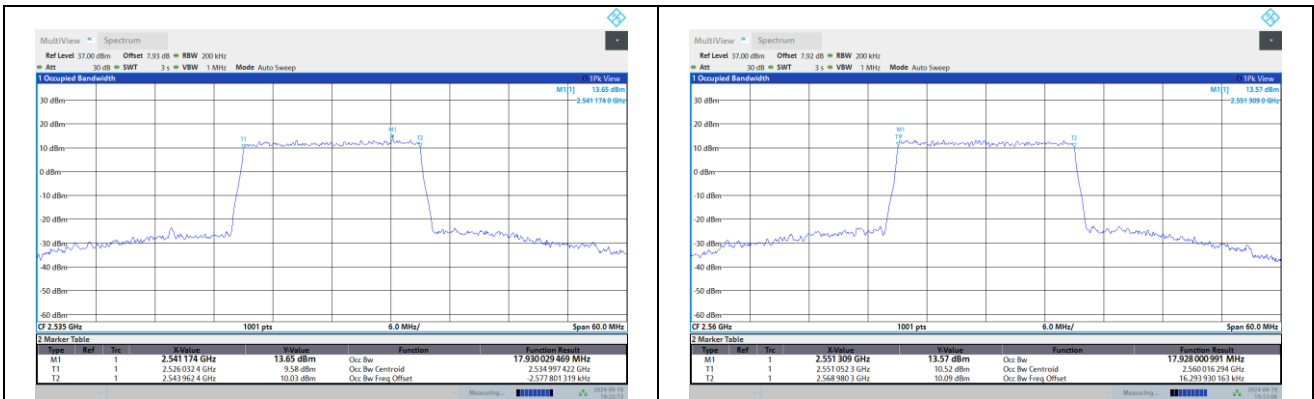


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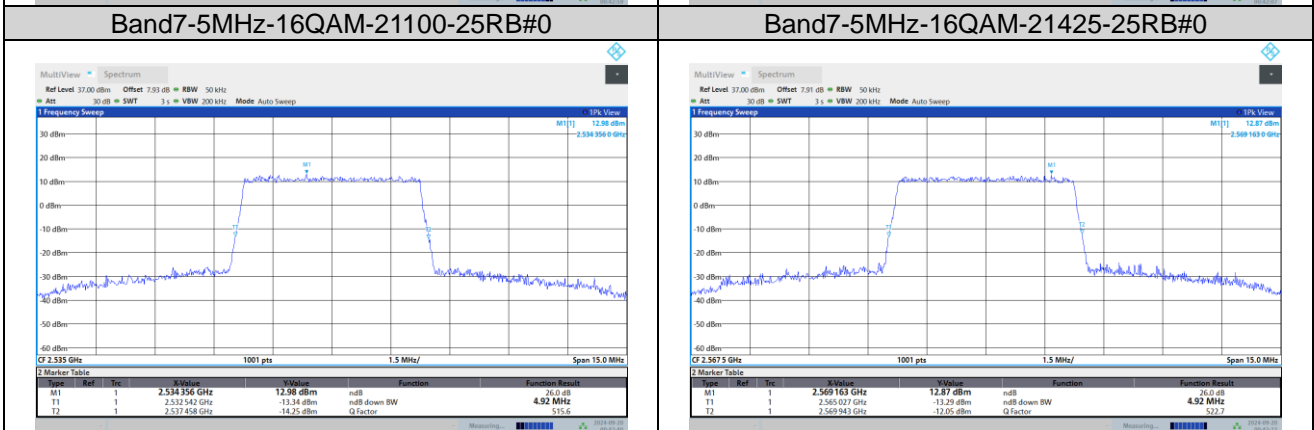
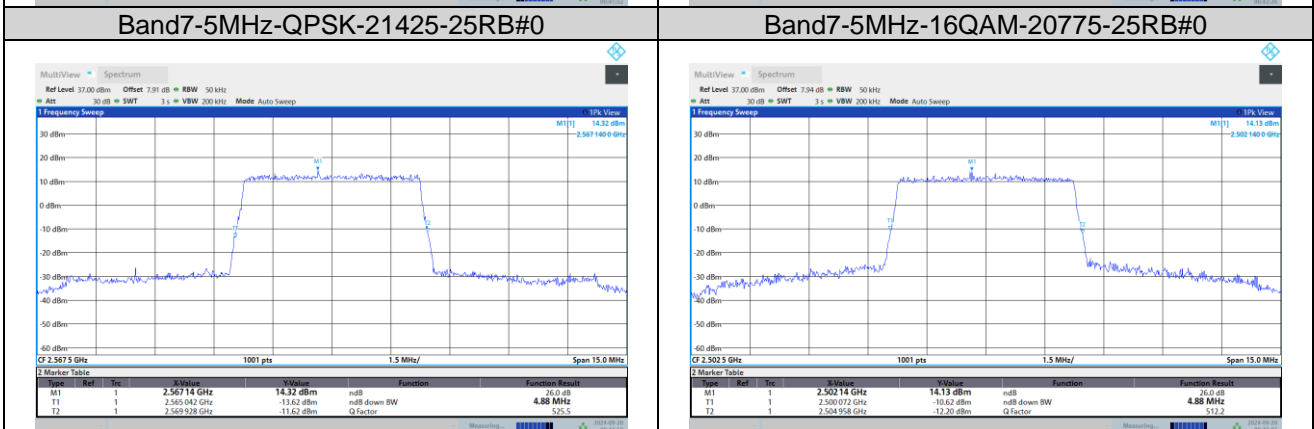
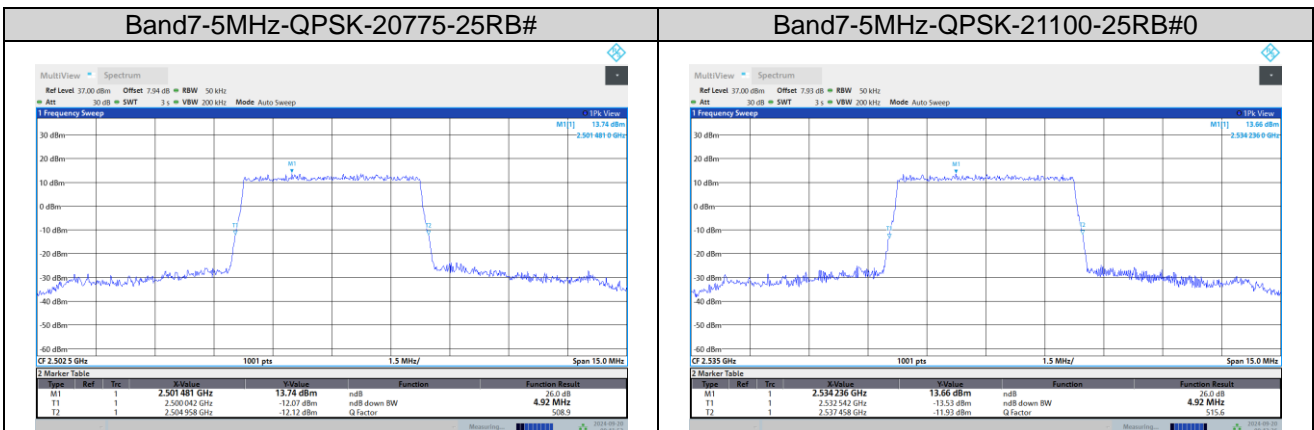


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Test Report No.: PSU-QSU2306120115RF05



26dB Bandwidth



Huarui 7layers High Technology (Suzhou) Co., Ltd.

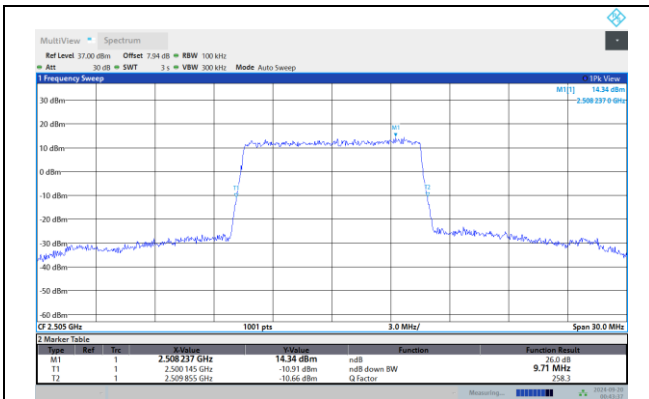
Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province

Tel: +86 (0557) 368 1008

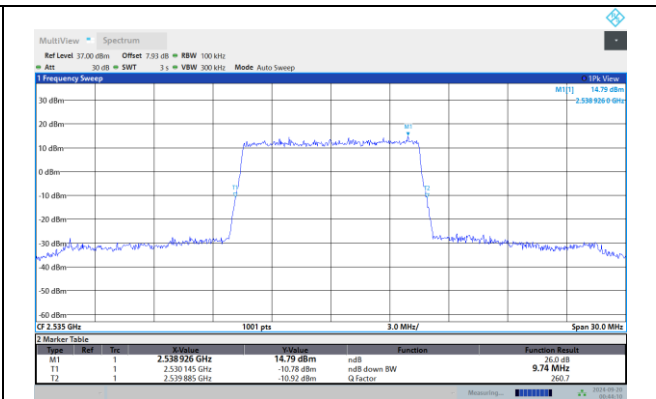


BUREAU VERITAS

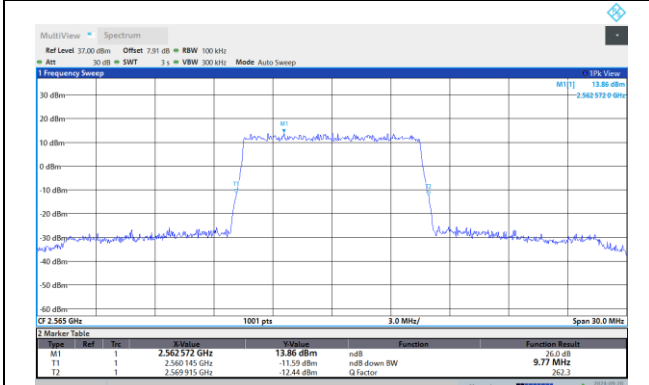
Test Report No.: PSU-QSU2306120115RF05



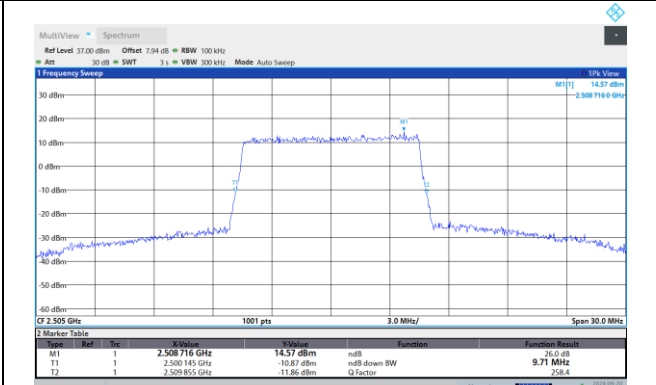
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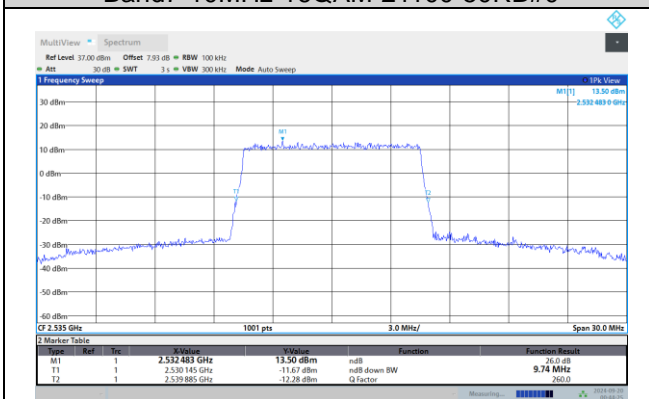
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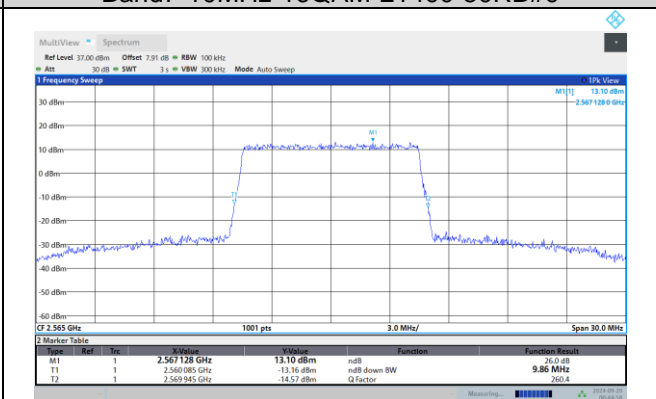
Band7-10MHz-16QAM-21100-50RB#0



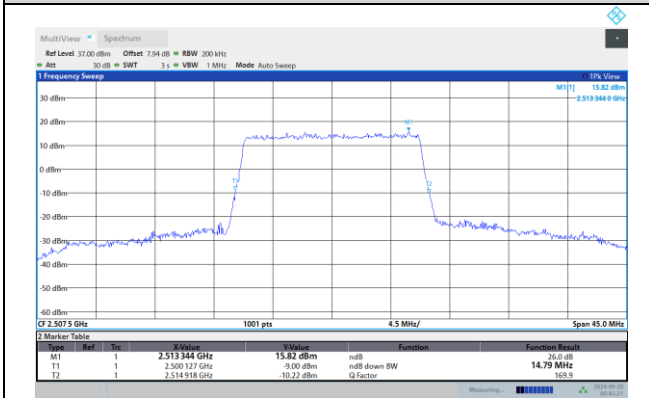
Band7-10MHz-16QAM-21400-50RB#0



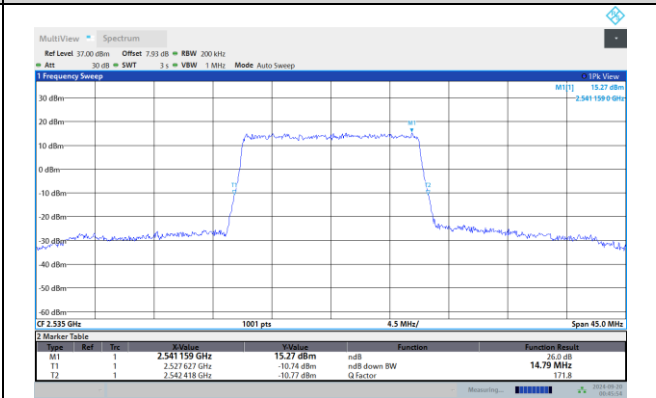
Band7-15MHz-QPSK-20825-75RB#0



Band7-15MHz-QPSK-21100-75RB#0



Band7-15MHz-QPSK-21375-75RB#0

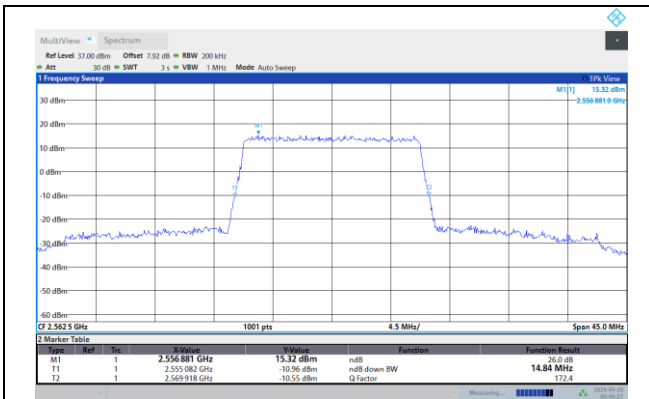


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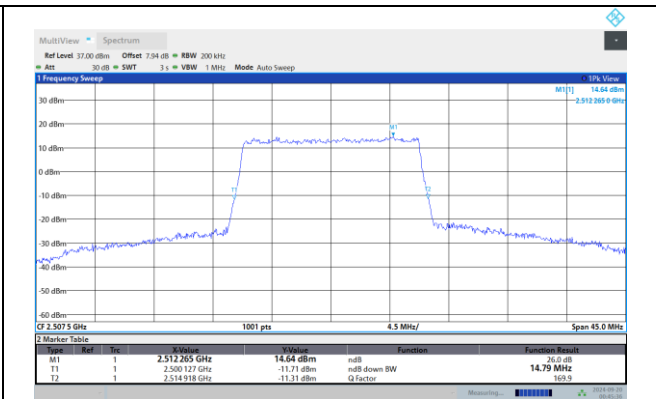


Test Report No.: PSU-QSU2306120115RF05

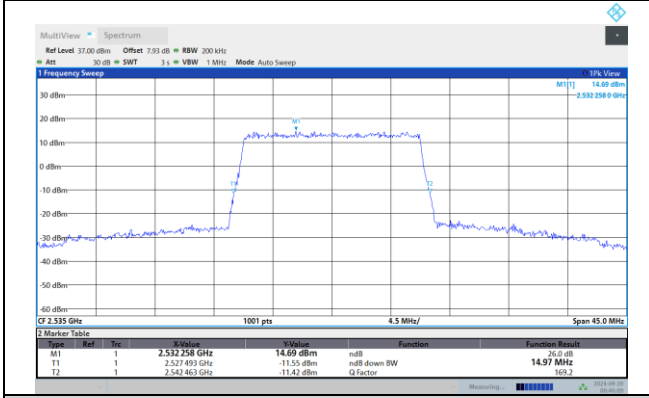
BUREAU VERITAS



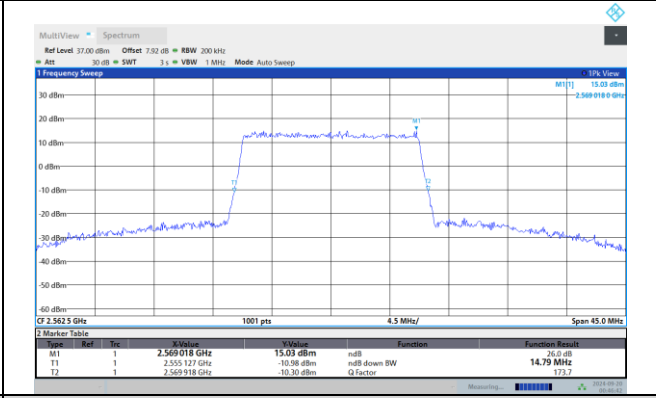
Band7-15MHz-16QAM-21100-75RB#0



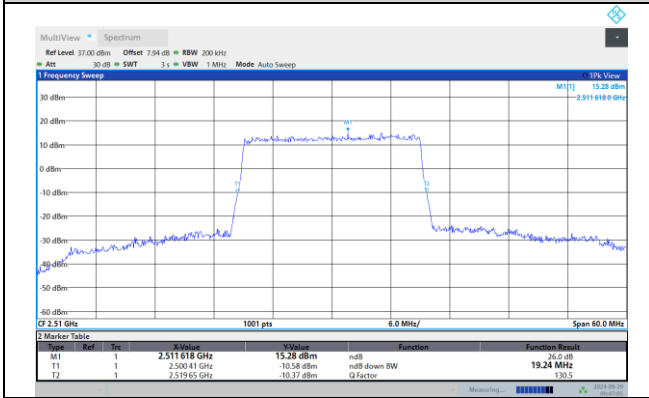
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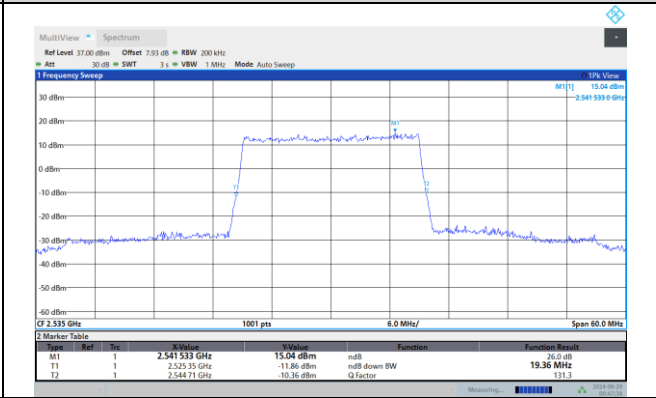
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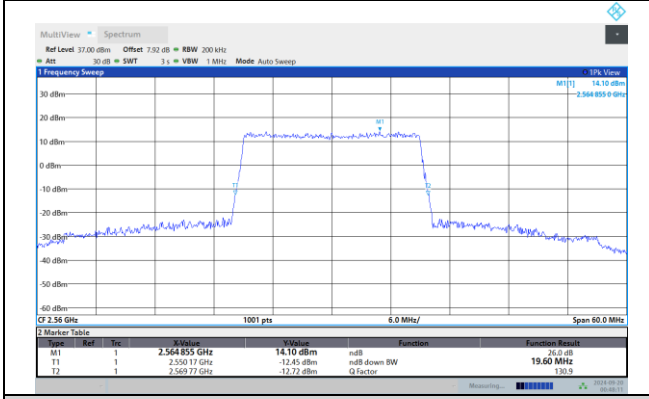
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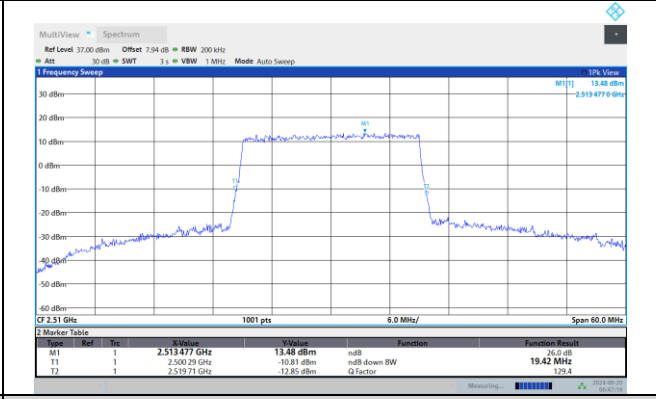
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Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0

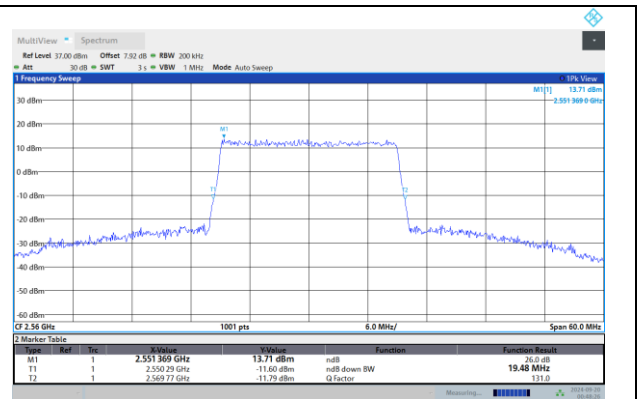
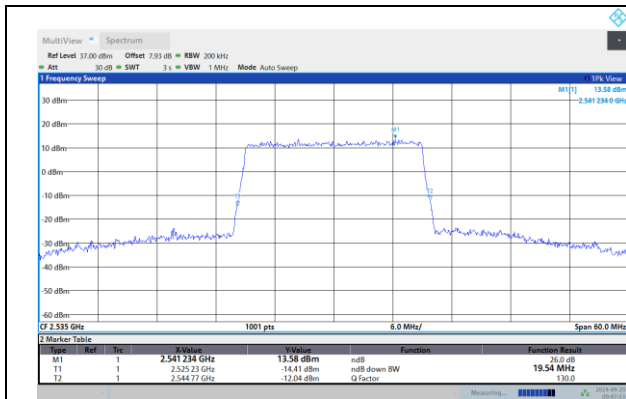


Band7-20MHz-16QAM-21350-100RB#0



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VERITAS**

Test Report No.: PSU-QSU2306120115RF05



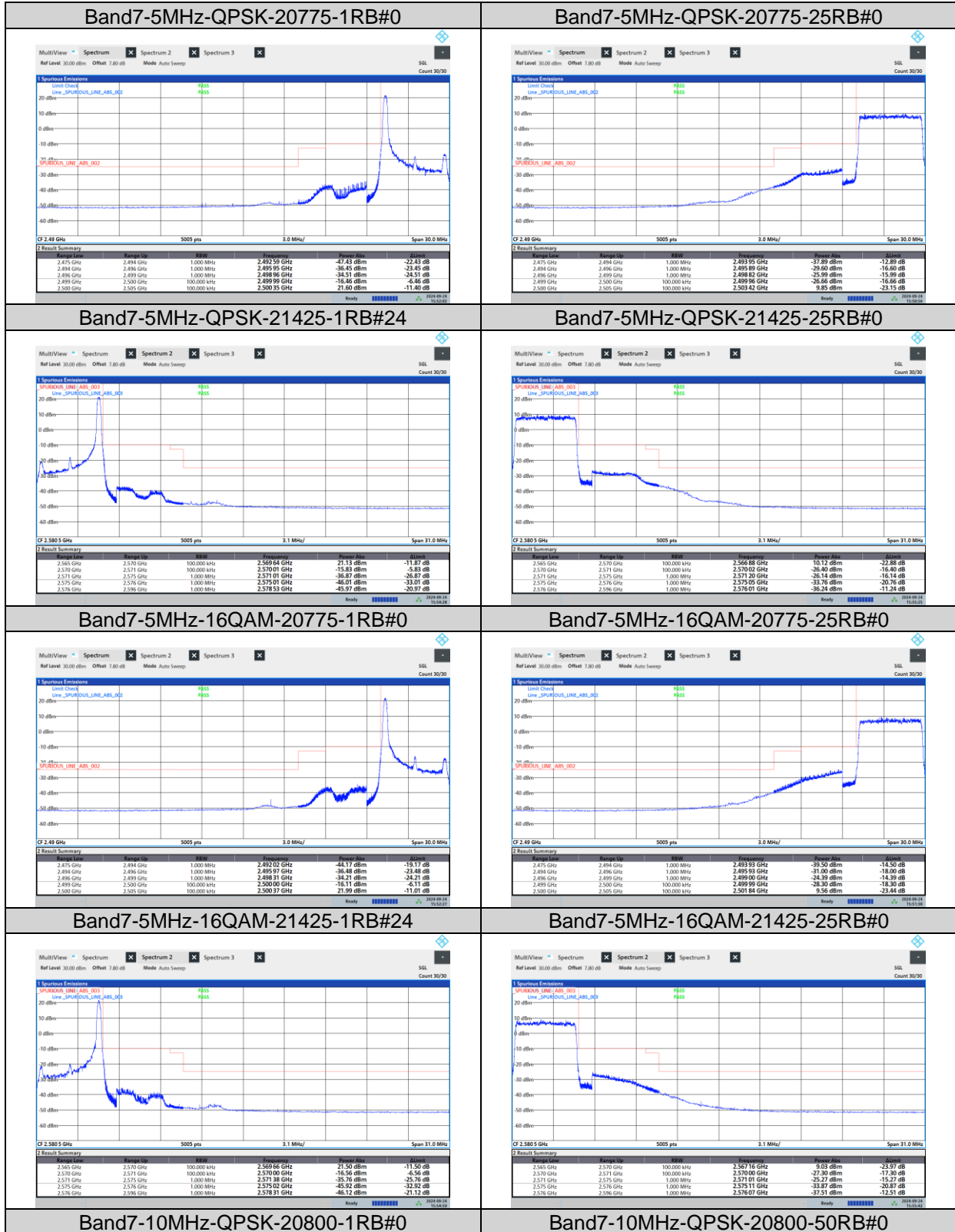


BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	See Graph	PASS
Band7	5MHz	QPSK	20775	25RB#0	See Graph	PASS
Band7	5MHz	QPSK	21425	1RB#24	See Graph	PASS
Band7	5MHz	QPSK	21425	25RB#0	See Graph	PASS
Band7	5MHz	16QAM	20775	1RB#0	See Graph	PASS
Band7	5MHz	16QAM	20775	25RB#0	See Graph	PASS
Band7	5MHz	16QAM	21425	1RB#24	See Graph	PASS
Band7	5MHz	16QAM	21425	25RB#0	See Graph	PASS
Band7	10MHz	QPSK	20800	1RB#0	See Graph	PASS
Band7	10MHz	QPSK	20800	50RB#0	See Graph	PASS
Band7	10MHz	QPSK	21400	1RB#49	See Graph	PASS
Band7	10MHz	QPSK	21400	50RB#0	See Graph	PASS
Band7	10MHz	16QAM	20800	1RB#0	See Graph	PASS
Band7	10MHz	16QAM	20800	50RB#0	See Graph	PASS
Band7	10MHz	16QAM	21400	1RB#49	See Graph	PASS
Band7	10MHz	16QAM	21400	50RB#0	See Graph	PASS
Band7	15MHz	QPSK	20825	1RB#0	See Graph	PASS
Band7	15MHz	QPSK	20825	75RB#0	See Graph	PASS
Band7	15MHz	QPSK	21375	1RB#74	See Graph	PASS
Band7	15MHz	QPSK	21375	75RB#0	See Graph	PASS
Band7	15MHz	16QAM	20825	1RB#0	See Graph	PASS
Band7	15MHz	16QAM	20825	75RB#0	See Graph	PASS
Band7	15MHz	16QAM	21375	1RB#74	See Graph	PASS
Band7	15MHz	16QAM	21375	75RB#0	See Graph	PASS
Band7	20MHz	QPSK	20850	1RB#0	See Graph	PASS
Band7	20MHz	QPSK	20850	100RB#0	See Graph	PASS
Band7	20MHz	QPSK	21350	1RB#99	See Graph	PASS
Band7	20MHz	QPSK	21350	100RB#0	See Graph	PASS
Band7	20MHz	16QAM	20850	1RB#0	See Graph	PASS
Band7	20MHz	16QAM	20850	100RB#0	See Graph	PASS
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Band7	20MHz	16QAM	21350	100RB#0	See Graph	PASS

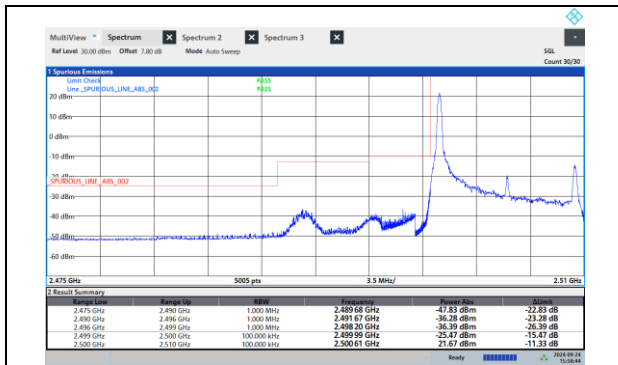
Test Graphs





**BUREAU
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Test Report No.: PSU-QSU2306120115RF05



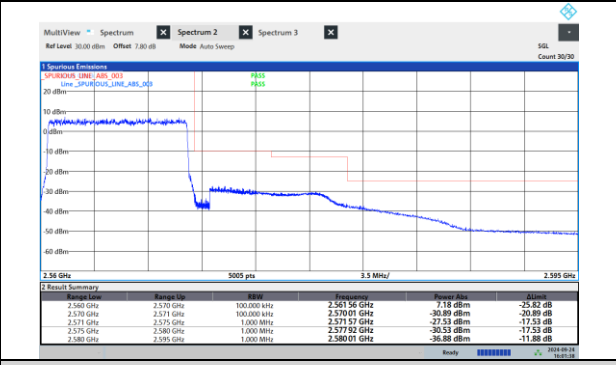
Band7-10MHz-QPSK-21400-1RB#49



Band7-10MHz-QPSK-21400-50RB#0



Band7-10MHz-16QAM-20800-1RB#0



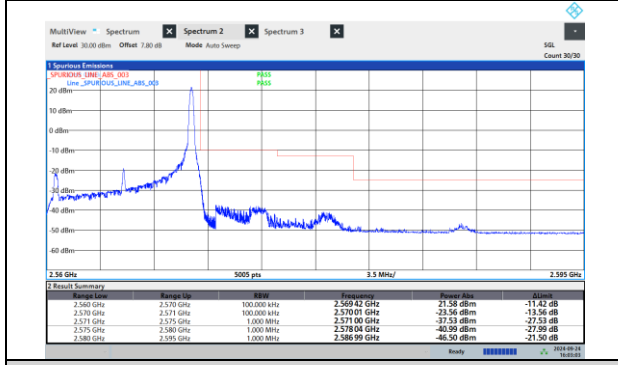
Band7-10MHz-16QAM-20800-50RB#0



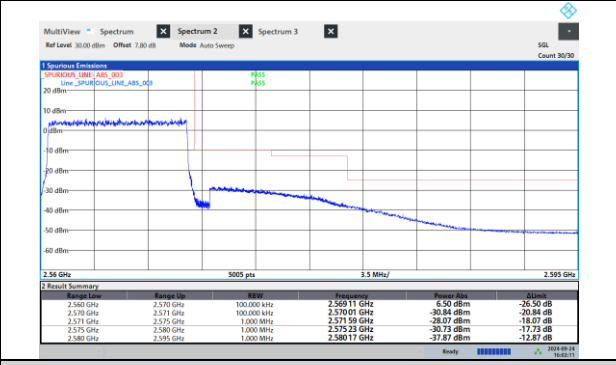
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Band7-10MHz-16QAM-21400-50RB#0



Band7-15MHz-QPSK-20825-1RB#0

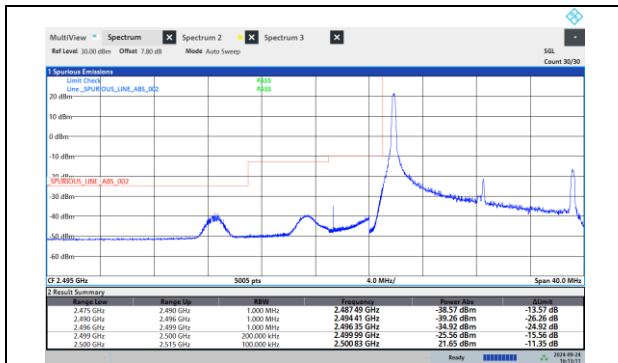


Band7-15MHz-QPSK-20825-75RB#0

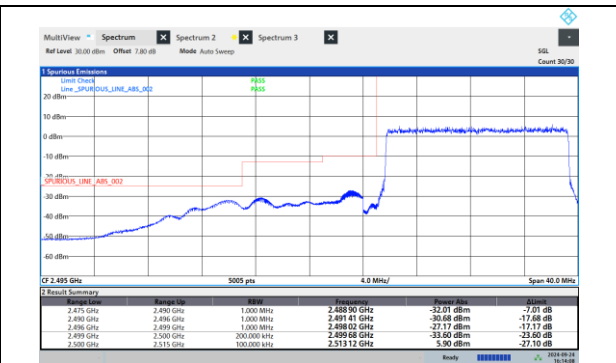


BUREAU VERITAS

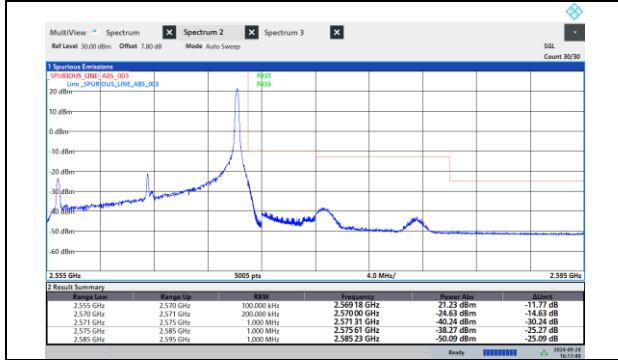
Test Report No.: PSU-QSU2306120115RF05



Band7-15MHz-QPSK-21375-1RB#74



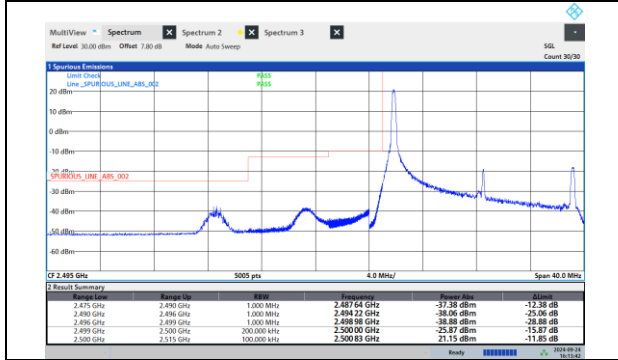
Band7-15MHz-QPSK-21375-75RB#0



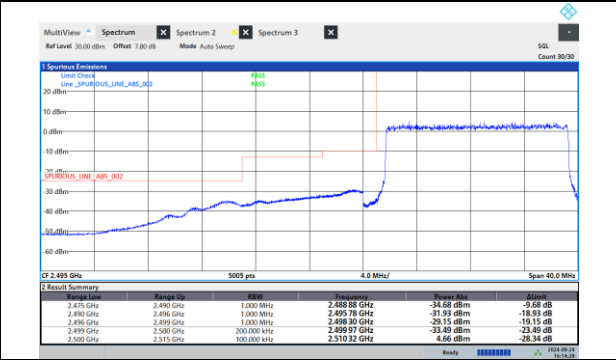
Band7-15MHz-16QAM-20825-1RB#0



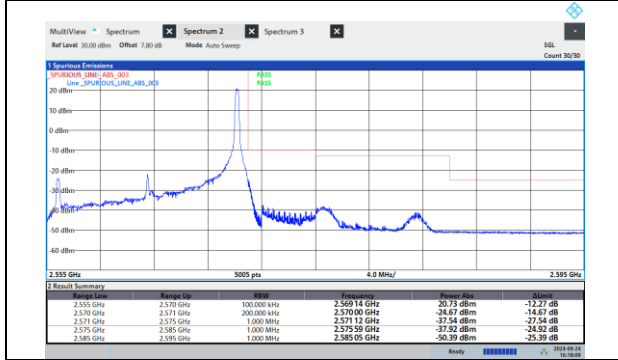
Band7-15MHz-16QAM-20825-75RB#0



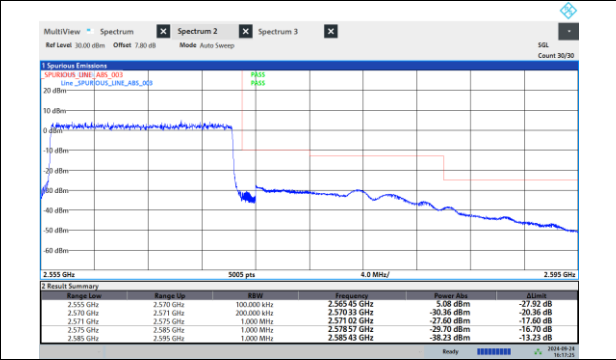
Band7-15MHz-16QAM-21375-1RB#74



Band7-15MHz-16QAM-21375-75RB#0



Band7-20MHz-QPSK-20850-1RB#0

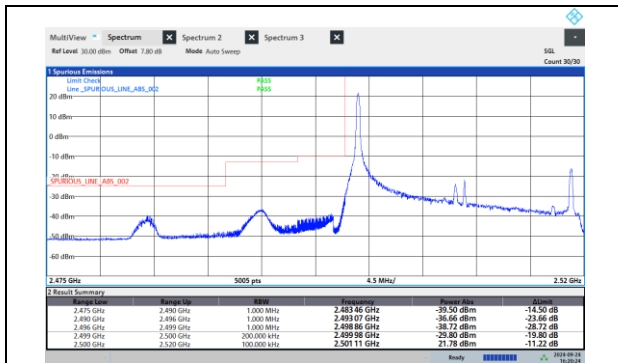


Band7-20MHz-QPSK-20850-100RB#0

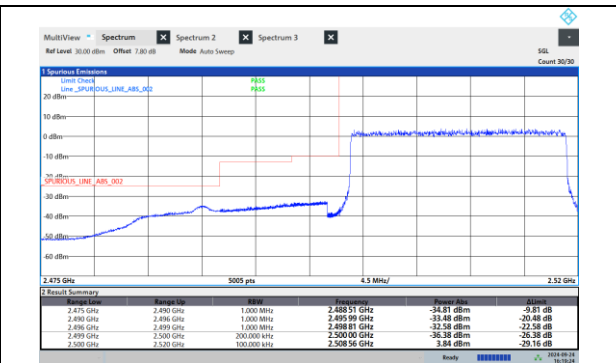


**BUREAU
VERITAS**

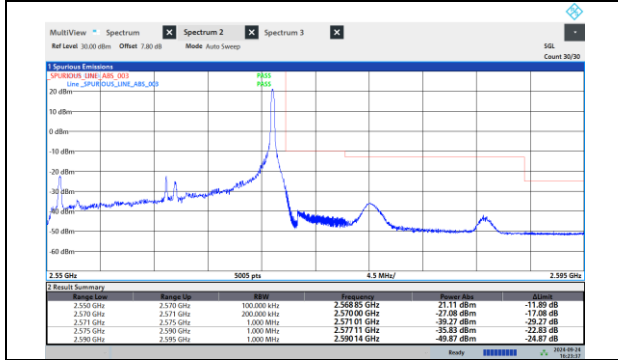
Test Report No.: PSU-QSU2306120115RF05



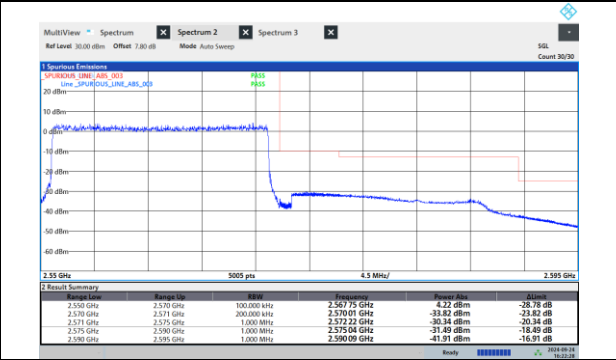
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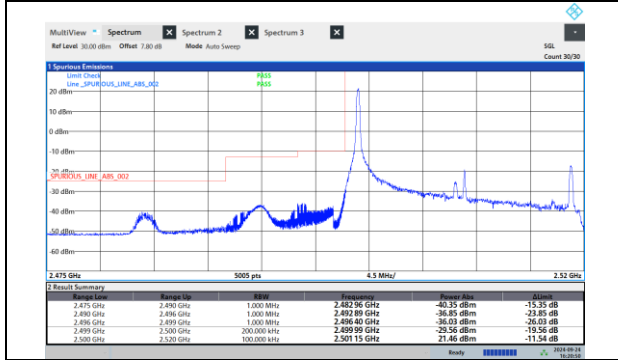
Band7-20MHz-QPSK-21350-100RB#0



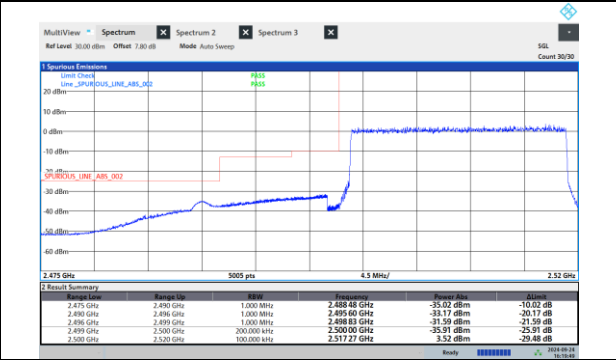
Band7-20MHz-16QAM-20850-1RB#0



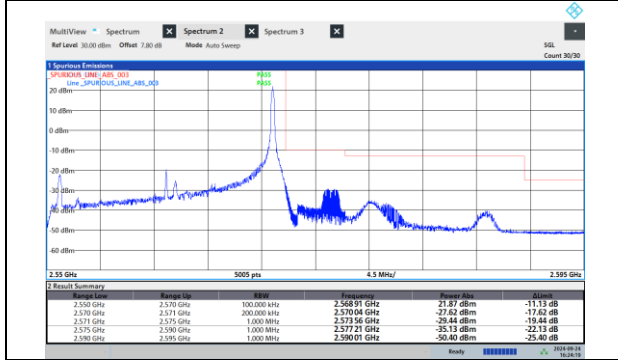
Band7-20MHz-16QAM-20850-100RB#0



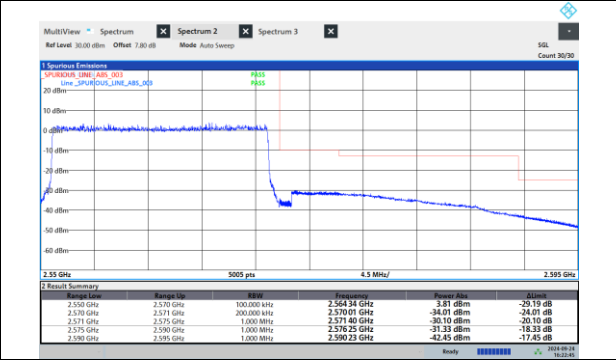
Band7-20MHz-16QAM-21350-1RB#99



Band7-20MHz-16QAM-21350-100RB#0



Band7-20MHz-16QAM-21350-1RB#99



Band7-20MHz-16QAM-21350-100RB#0



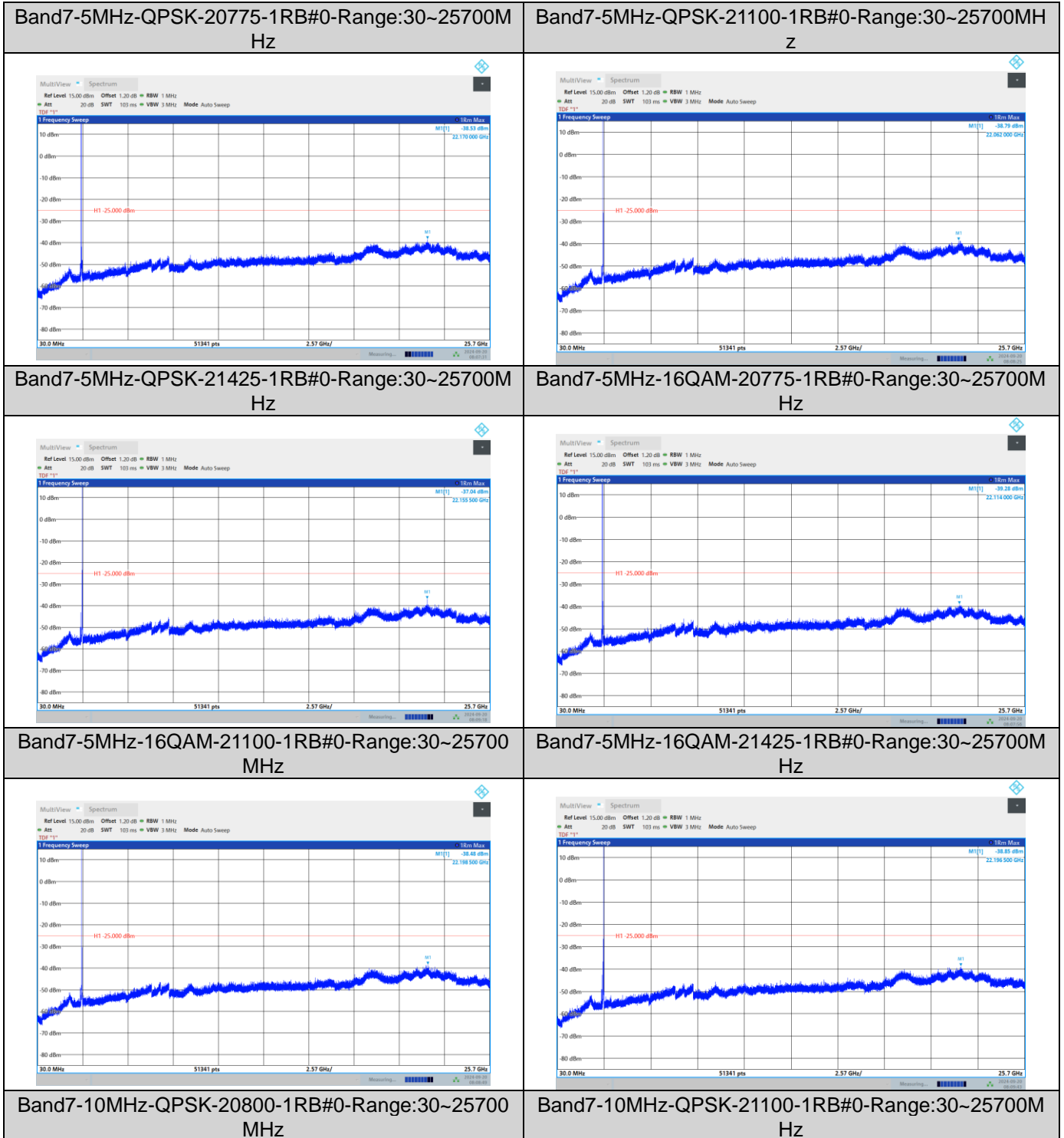
CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	5MHz	64QAM	20775	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	5MHz	64QAM	21100	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	5MHz	64QAM	21425	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	10MHz	64QAM	20800	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	10MHz	64QAM	21100	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	10MHz	64QAM	21400	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range:30~25700MHz	See Graph	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range:30~25700MHz	See Graph	PASS



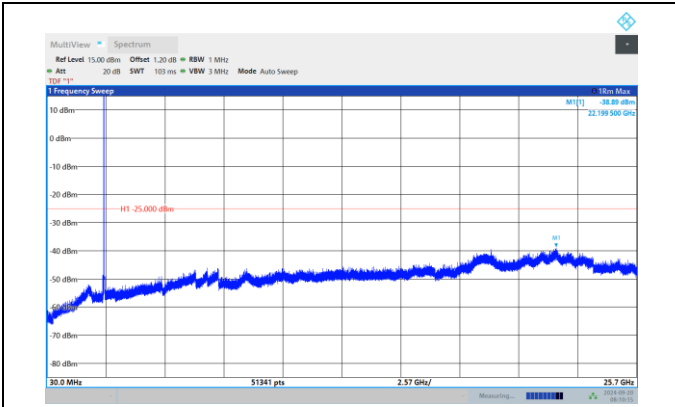
Test Graphs



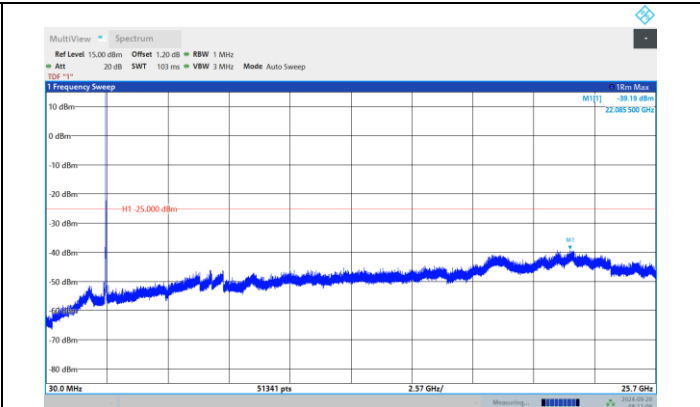


BUREAU VERITAS

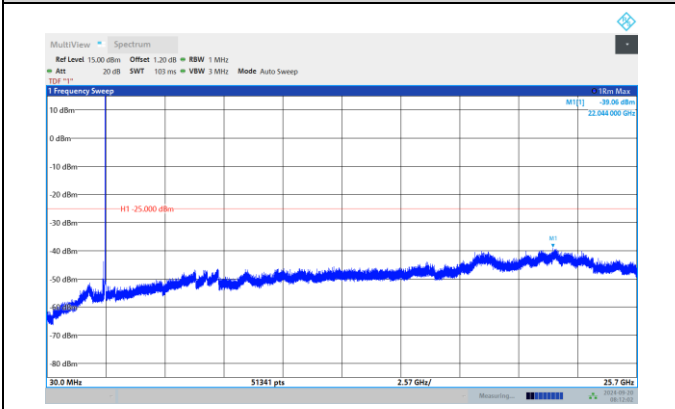
Test Report No.: PSU-QSU2306120115RF05



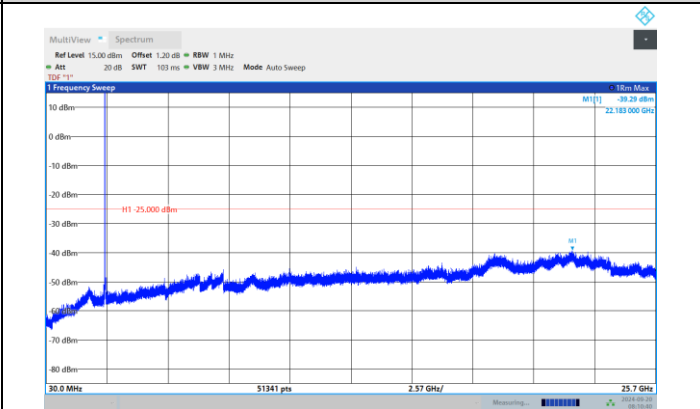
Band7-10MHz-QPSK-21400-1RB#0-Range:30~25700 MHz



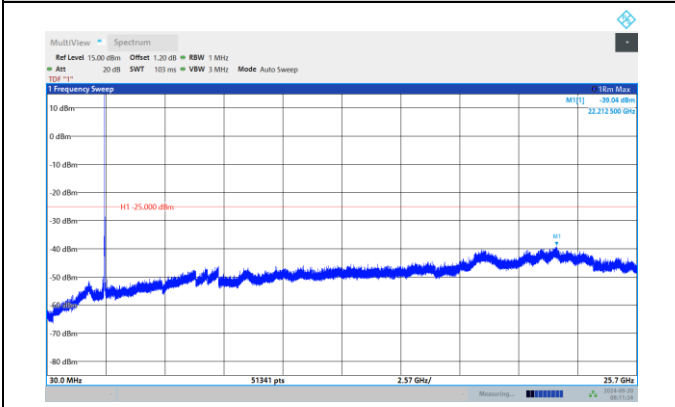
Band7-10MHz-16QAM-20800-1RB#0-Range:30~25700 MHz



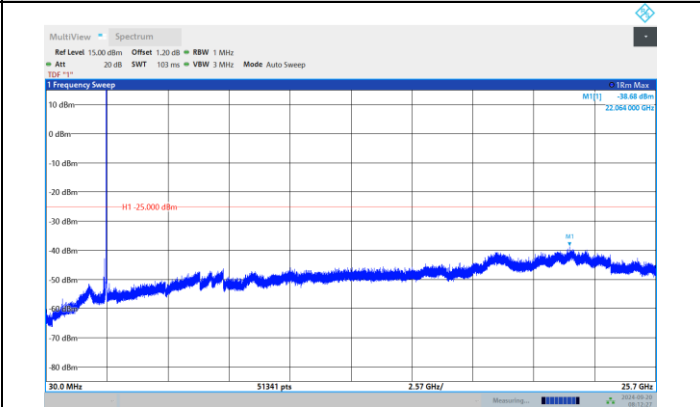
Band7-10MHz-16QAM-21100-1RB#0-Range:30~25700 MHz



Band7-10MHz-16QAM-21400-1RB#0-Range:30~25700 MHz



Band7-15MHz-QPSK-20825-1RB#0-Range:30~25700 MHz

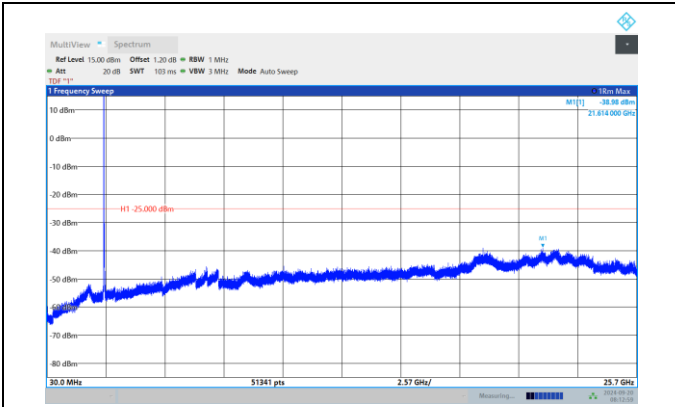


Band7-15MHz-QPSK-21100-1RB#0-Range:30~25700 MHz

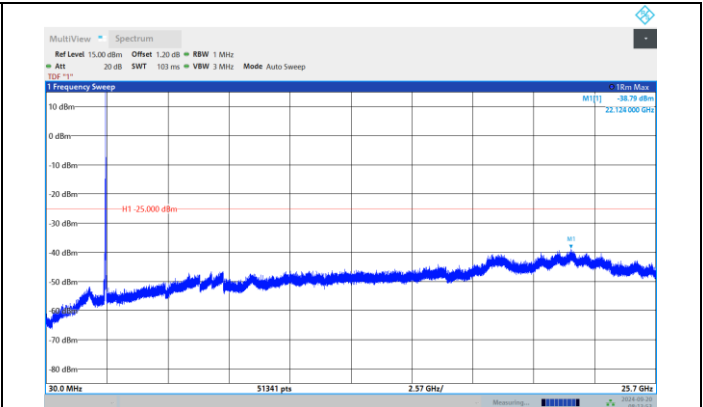


BUREAU VERITAS

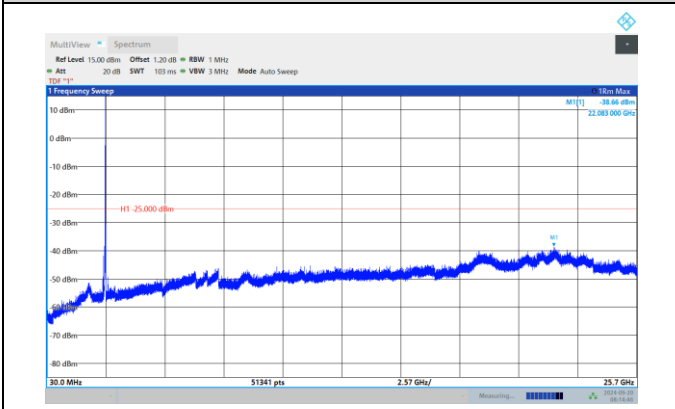
Test Report No.: PSU-QSU2306120115RF05



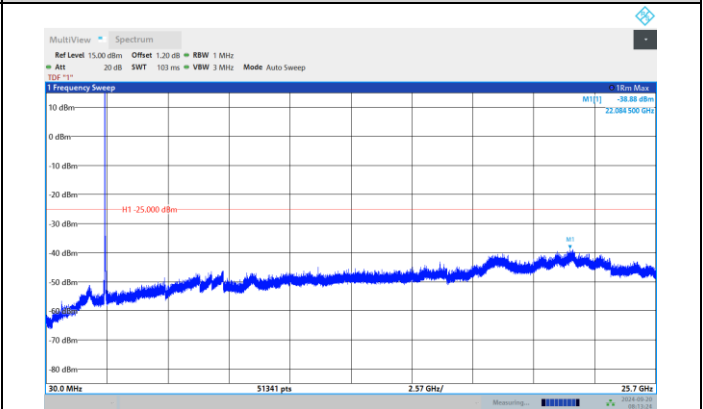
Band7-15MHz-QPSK-21375-1RB#0-Range:30~25700 MHz



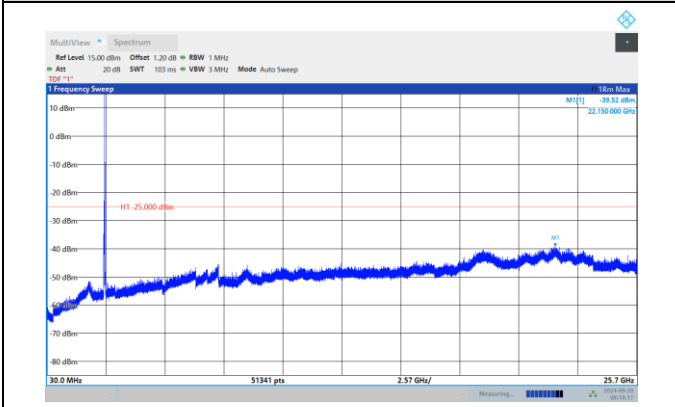
Band7-15MHz-16QAM-20825-1RB#0-Range:30~25700 MHz



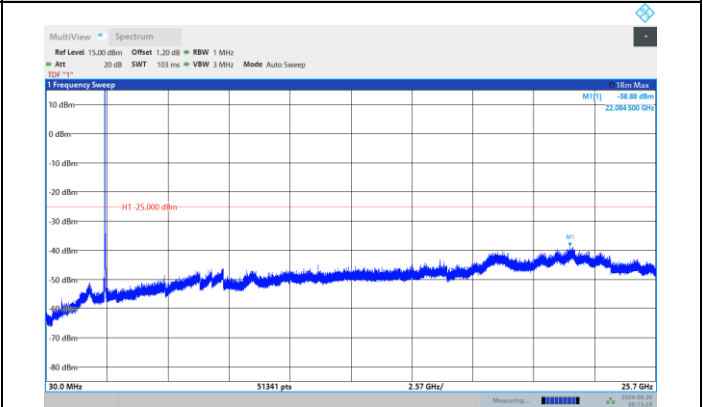
Band7-15MHz-16QAM-21100-1RB#0-Range:30~25700 MHz



Band7-15MHz-16QAM-21375-1RB#0-Range:30~25700 MHz



Band7-20MHz-QPSK-20850-1RB#0-Range:30~25700 MHz

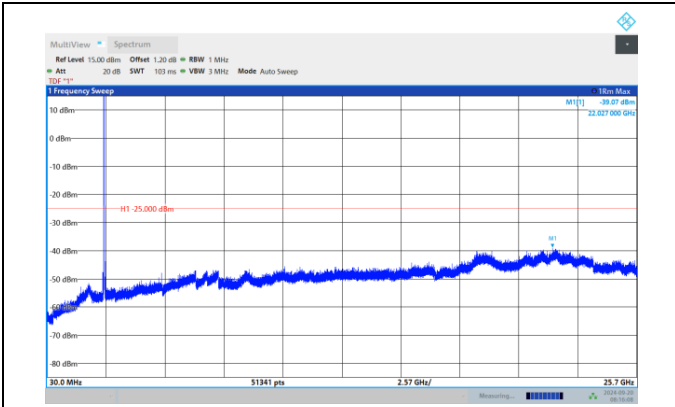


Band7-20MHz-QPSK-21100-1RB#0-Range:30~25700 Hz

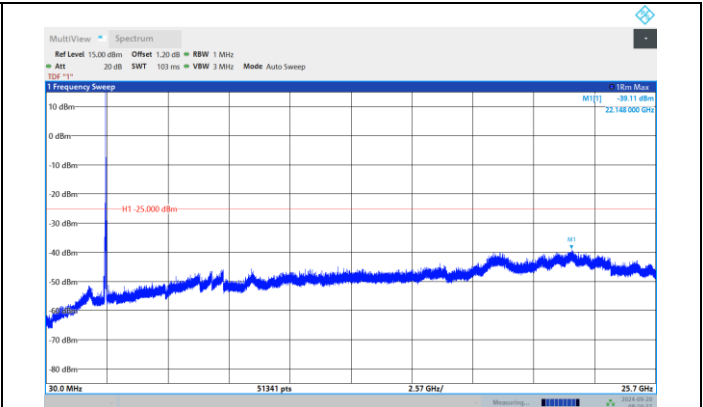


BUREAU VERITAS

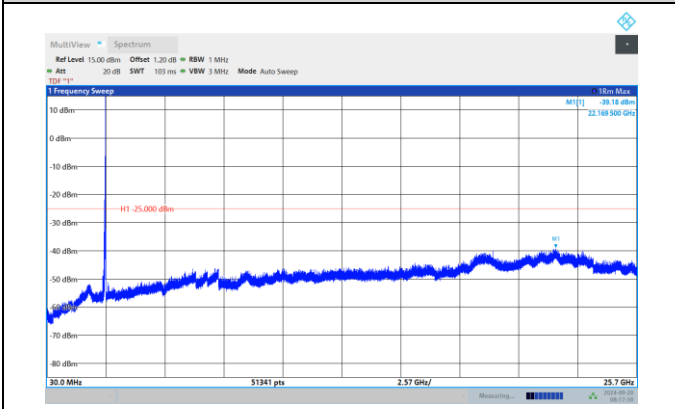
Test Report No.: PSU-QSU2306120115RF05



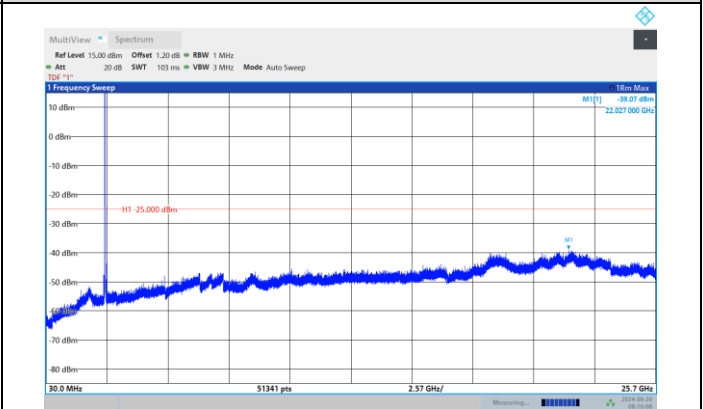
Band7-20MHz-QPSK-21350-1RB#0-Range:30~25700 MHz



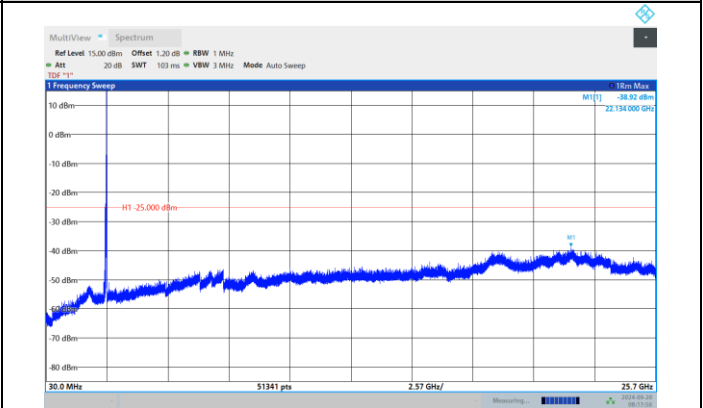
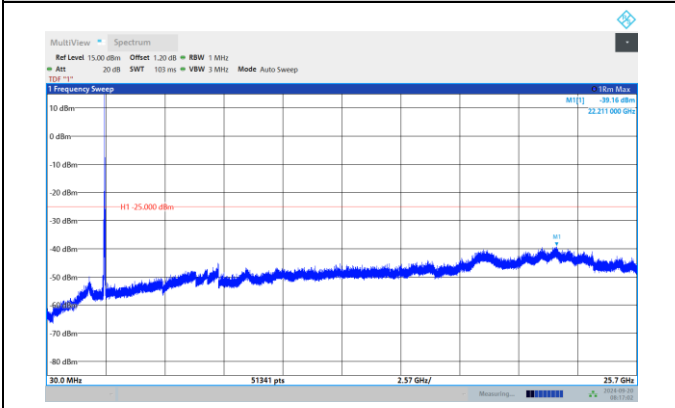
Band7-20MHz-16QAM-20850-1RB#0-Range:30~25700 MHz



Band7-20MHz-16QAM-21100-1RB#0-Range:30~25700 MHz



Band7-20MHz-16QAM-21350-1RB#0-Range:30~25700 MHz





**BUREAU
VERITAS**

Test Report No.: PSU-QSU2306120115RF05

FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	LV	NT	15.20	0.0007	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	NT	0.80	0.0000	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	HV	NT	-7.40	-0.0004	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	LV	NT	14.40	0.0007	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	NT	16.10	0.0008	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	HV	NT	16.60	0.0008	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	LV	NT	-2.10	-0.0001	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	NT	-14.60	-0.0007	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	HV	NT	0.00	0.0000	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	22.00	0.0088	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	18.20	0.0073	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	7.50	0.0030	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-21.30	-0.0085	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	-25.60	-0.0102	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-25.70	-0.0102	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-8.90	-0.0035	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	17.80	0.0071	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	26.60	0.0106	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-25.50	-0.0101	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-19.30	-0.0076	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	19.90	0.0079	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	21.30	0.0084	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-7.00	-0.0028	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	6.90	0.0027	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-8.00	-0.0032	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	7.40	0.0029	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-2.40	-0.0009	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	6.90	0.0027	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	5.50	0.0021	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	-22.90	-0.0089	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-29.10	-0.0114	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	17.70	0.0069	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	9.90	0.0039	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	-29.70	-0.0116	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-15.20	-0.0059	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	1.90	0.0007	±2.5	PASS



Test Report No.: PSU-QSU2306120115RF05

LTE BAND41(INCLUDING LTE BAND38)

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

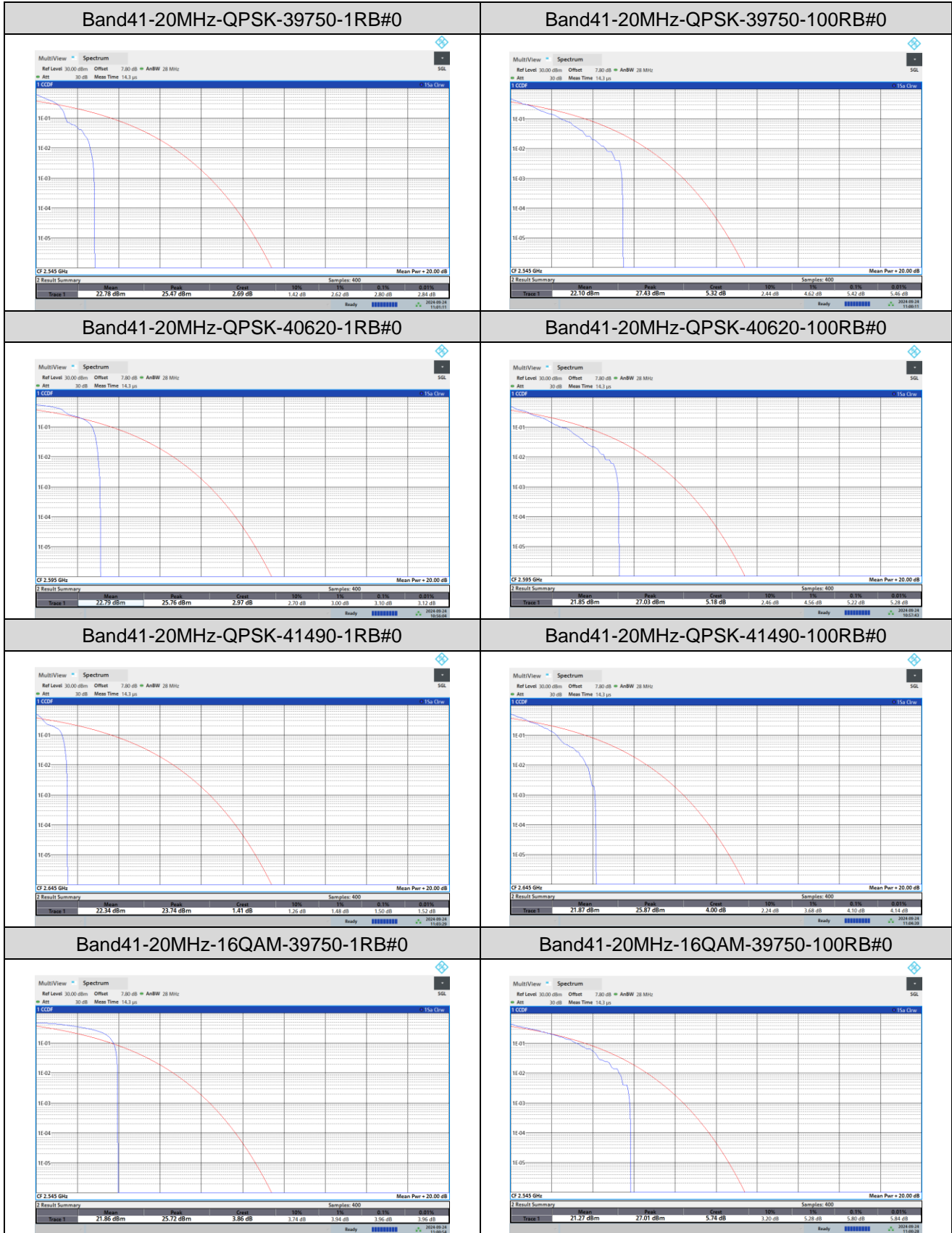
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	39750	1RB#0	2.80	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.42	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	3.10	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.22	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	1.50	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	4.10	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	3.96	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	5.80	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	2.58	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	4.20	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	3.40	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	3.72	13	PASS



BUREAU VERITAS

Test Report No.: PSU-QSU2306120115RF05

Test Graphs

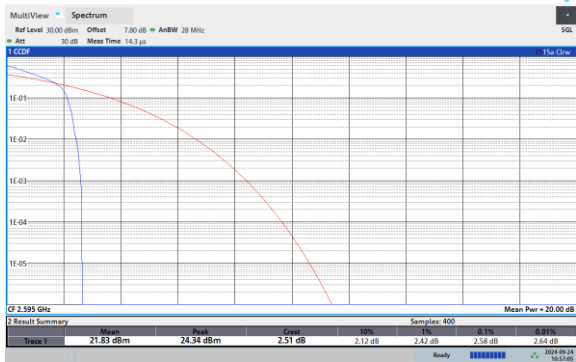




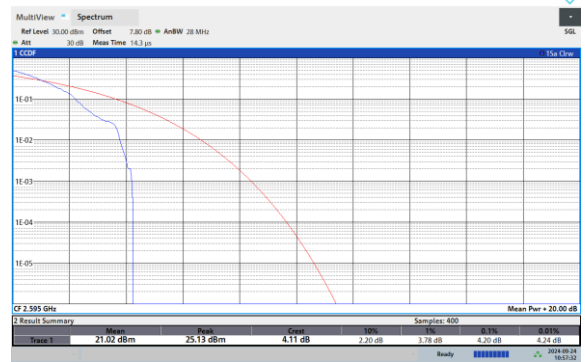
BUREAU VERITAS

Test Report No.: PSU-QSU2306120115RF05

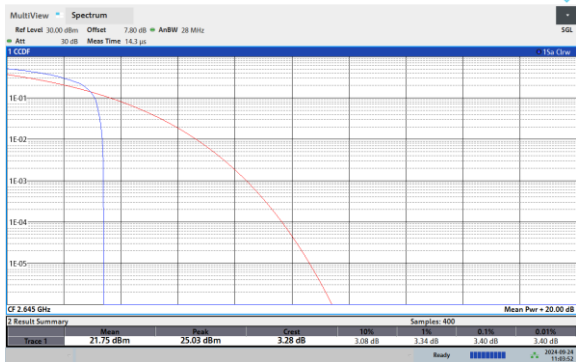
Band41-20MHz-16QAM-40620-1RB#0



Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-1RB#0



Band41-20MHz-16QAM-41490-100RB#0

