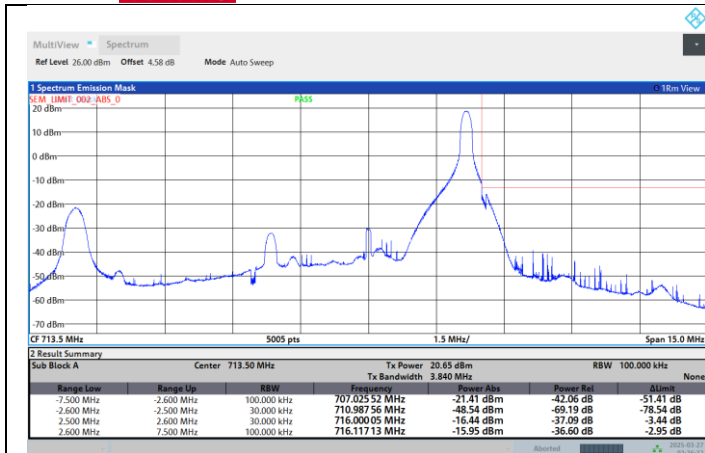
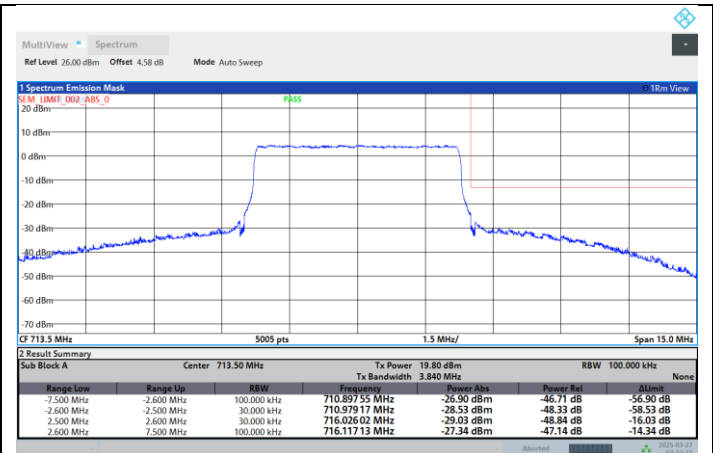
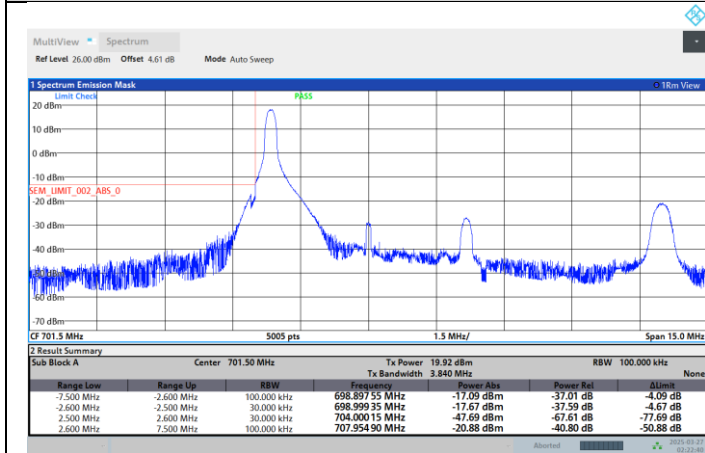




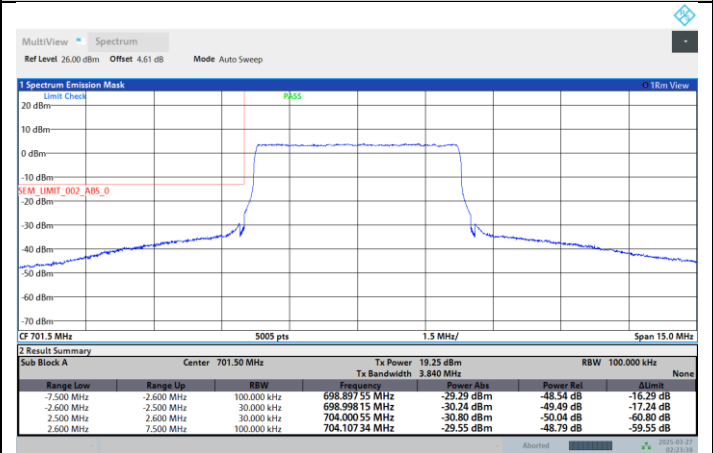
Band12-5MHz-64QAM-23035-1RB#0



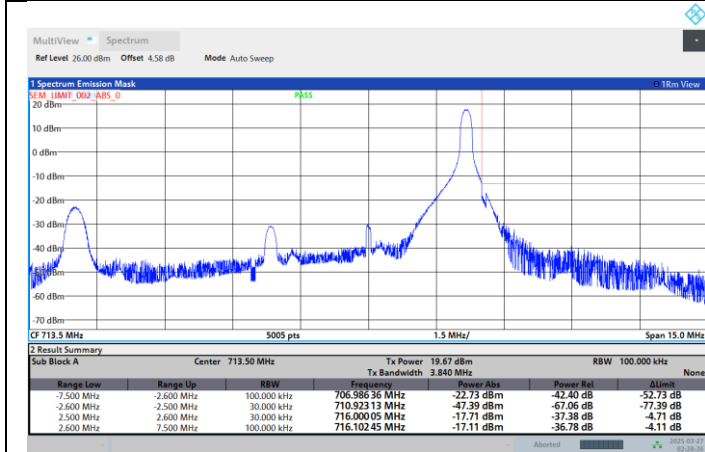
Band12-5MHz-64QAM-23035-25RB#0



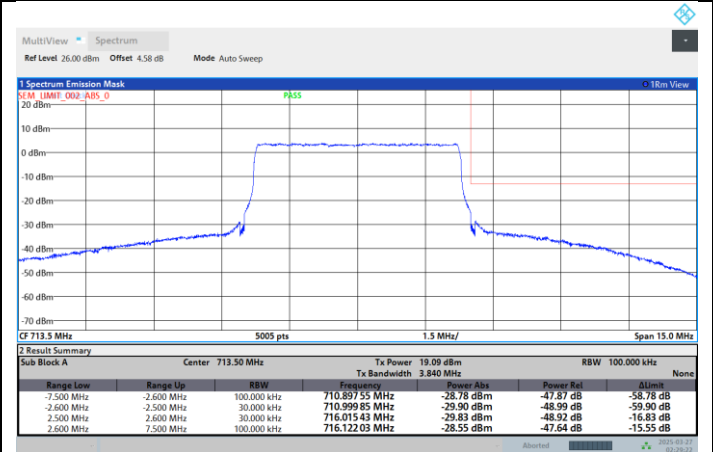
Band12-5MHz-64QAM-23155-1RB#24



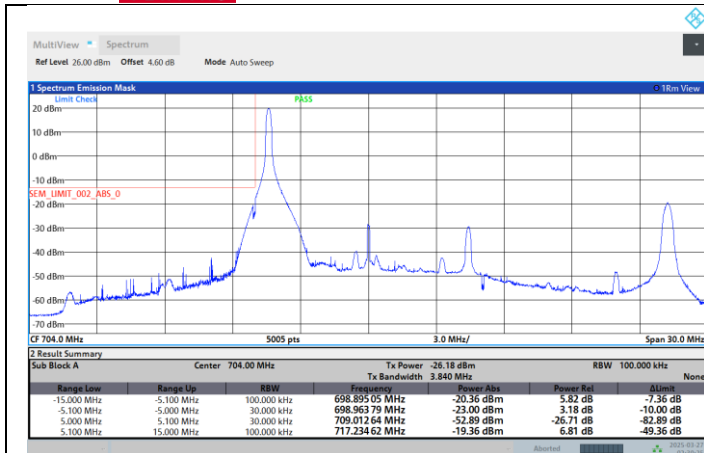
Band12-5MHz-64QAM-23155-25RB#0



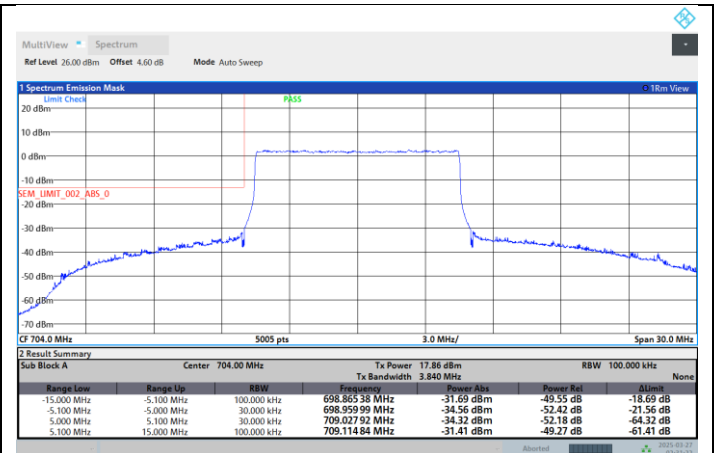
Band12-10MHz-QPSK-23060-1RB#0



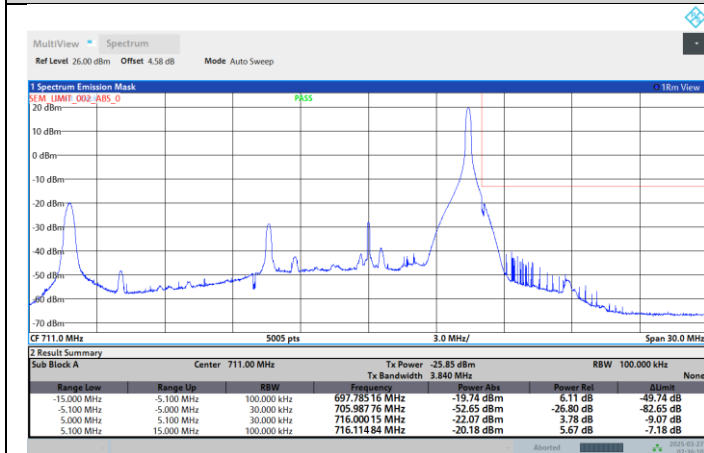
Band12-10MHz-QPSK-23060-50RB#0



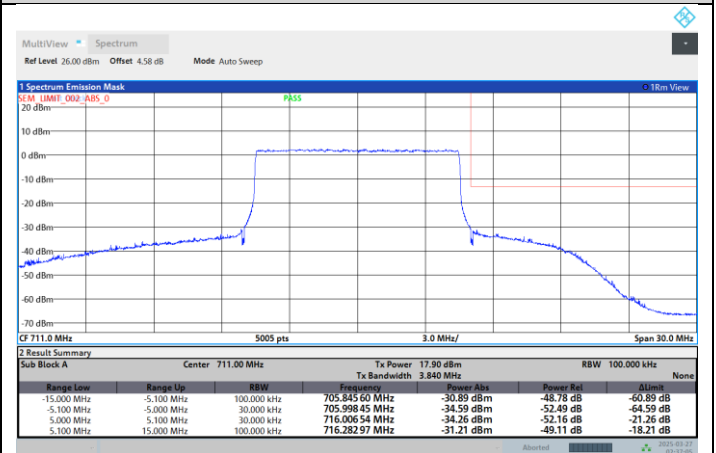
Band12-10MHz-QPSK-23130-1RB#49



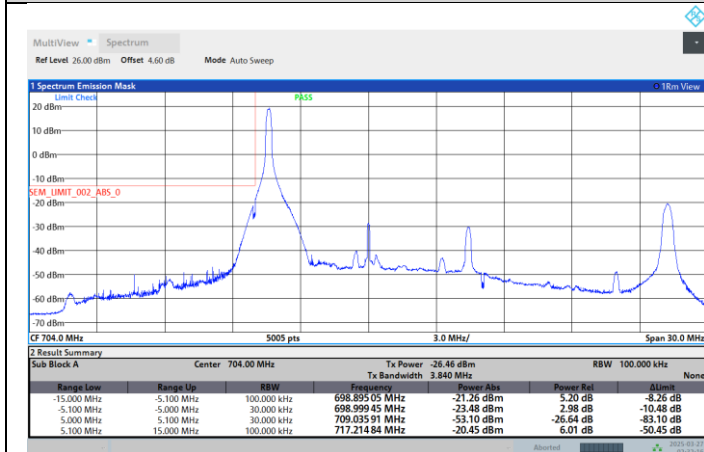
Band12-10MHz-QPSK-23130-50RB#0



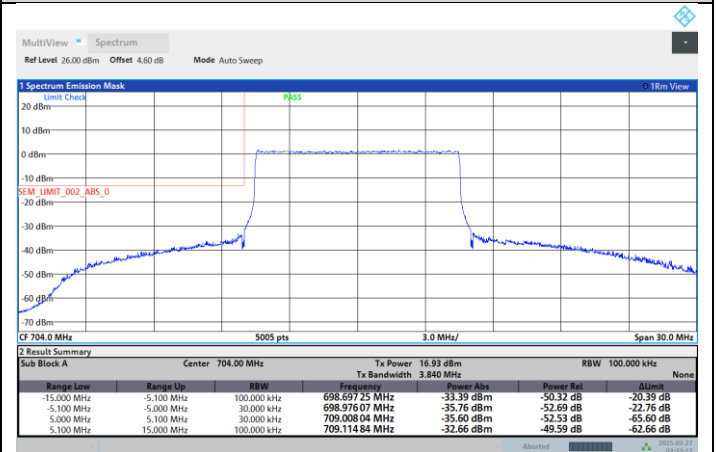
Band12-10MHz-16QAM-23060-1RB#0



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



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

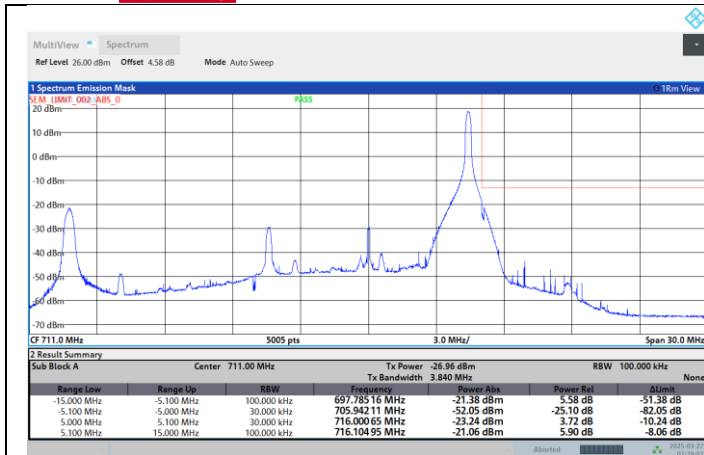


Band12-10MHz-16QAM-23130-50RB#0

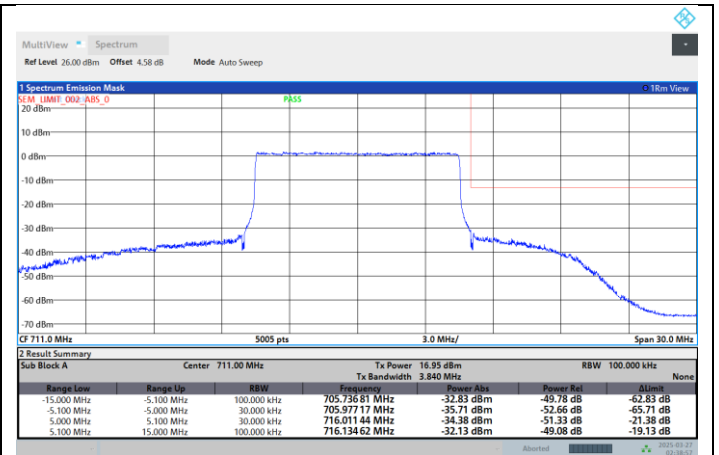


BUREAU
VERITAS

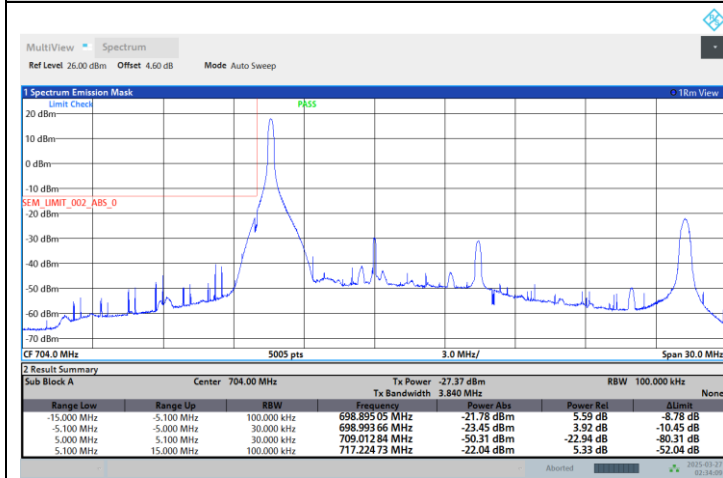
Test Report No.: PSU-QSU2503210311RF03



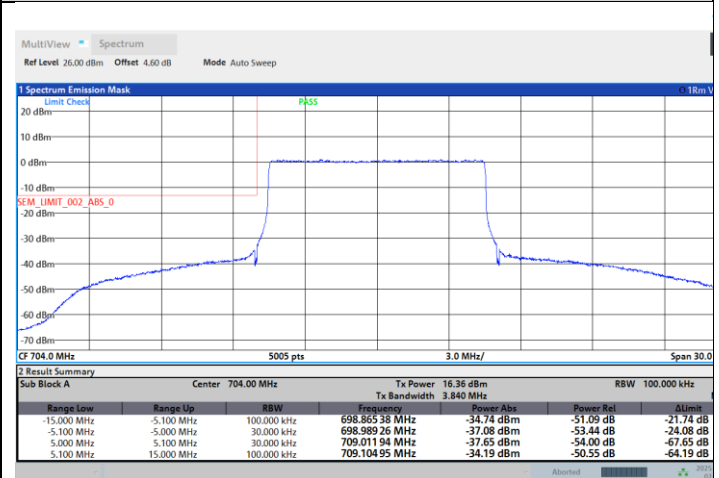
Band12-10MHz-64QAM-23060-1RB#0



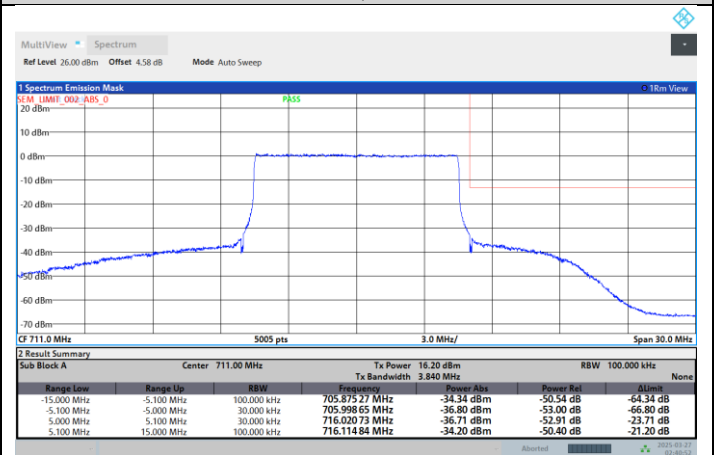
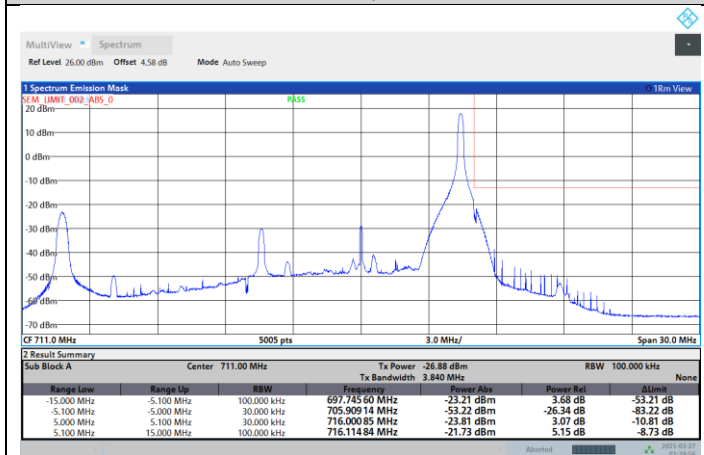
Band12-10MHz-64QAM-23060-50RB#0



Band12-10MHz-64QAM-23130-1RB#49



Band12-10MHz-64QAM-23130-50RB#0





BUREAU VERITAS Test Report No.: PSU-QSU2503210311RF03
CONDUCTED SPURIOUS EMISSION

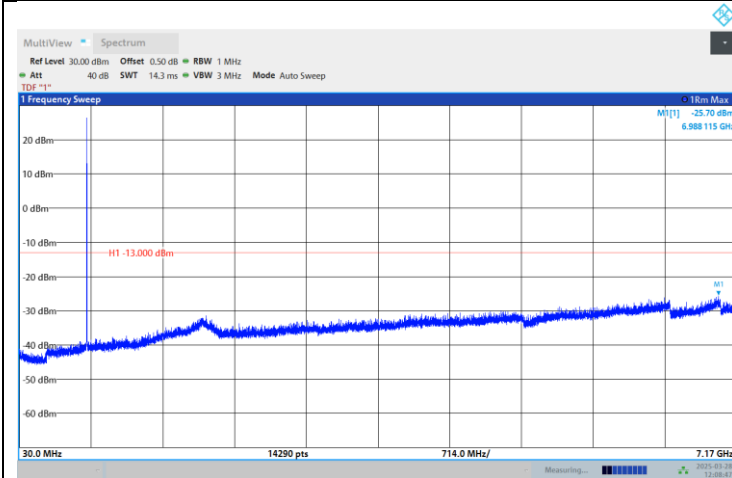
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range:30~7170MHz	See Graph	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range:30~7170MHz	See Graph	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range:30~7170MHz	See Graph	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range:30~7170MHz	See Graph	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range:30~7170MHz	See Graph	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range:30~7170MHz	See Graph	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range:30~7170MHz	See Graph	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range:30~7170MHz	See Graph	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range:30~7170MHz	See Graph	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range:30~7170MHz	See Graph	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range:30~7170MHz	See Graph	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range:30~7170MHz	See Graph	PASS

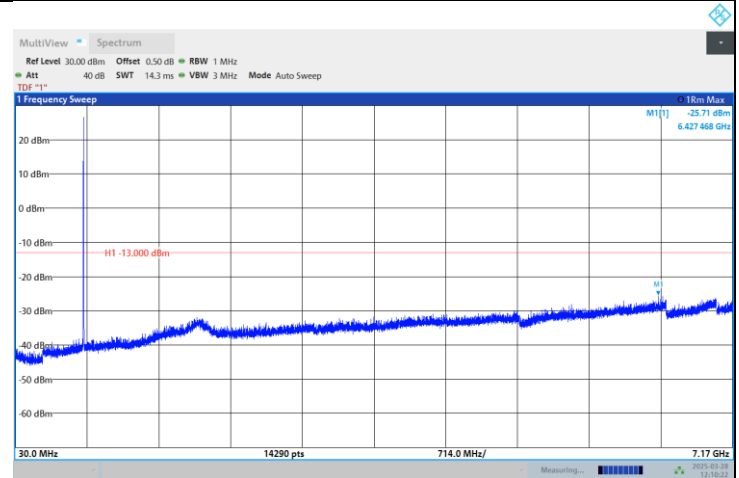


Test Graphs

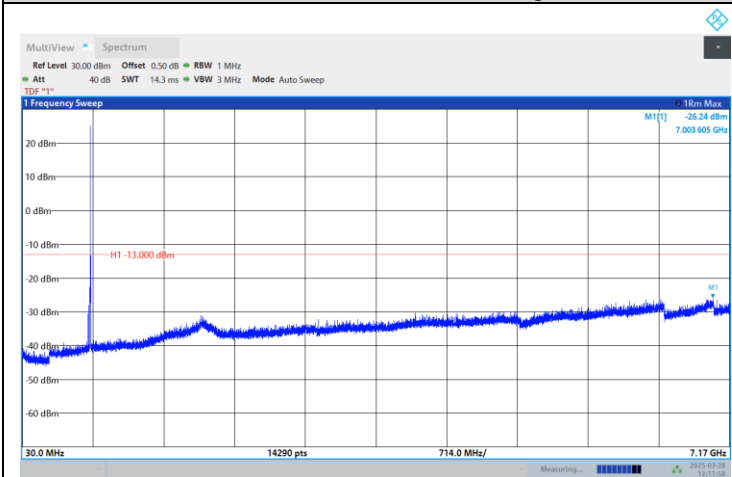
Band12-1.4MHz-QPSK-23017-1RB#0-Range:30~7170MHz



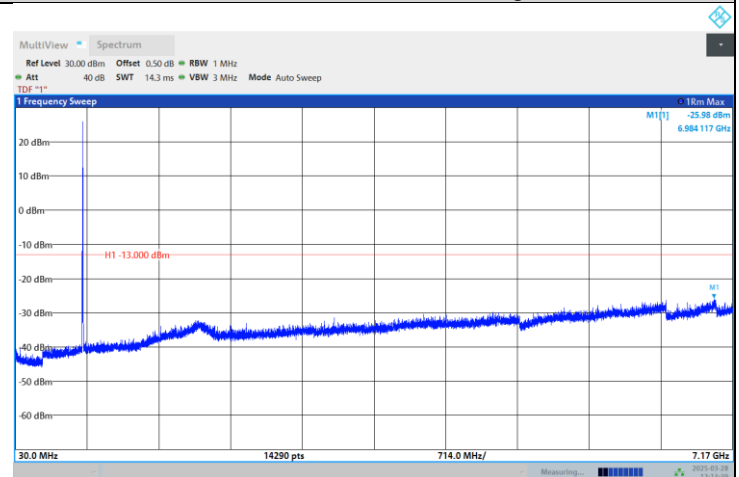
Band12-1.4MHz-QPSK-23095-1RB#0-Range:30~7170MHz



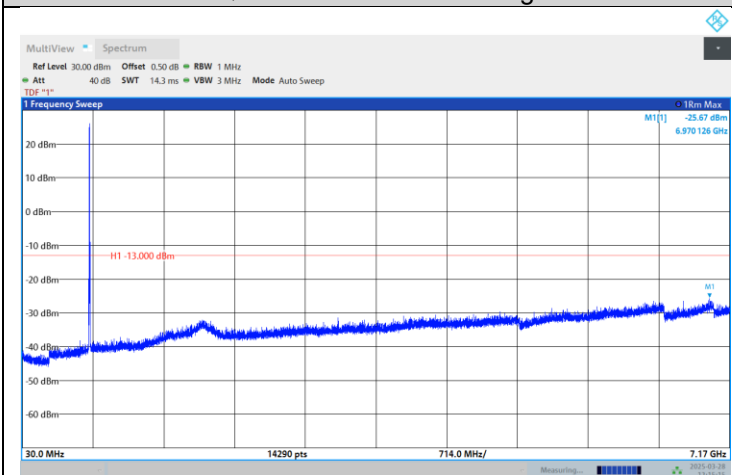
Band12-1.4MHz-QPSK-23173-1RB#0-Range:30~7170MHz



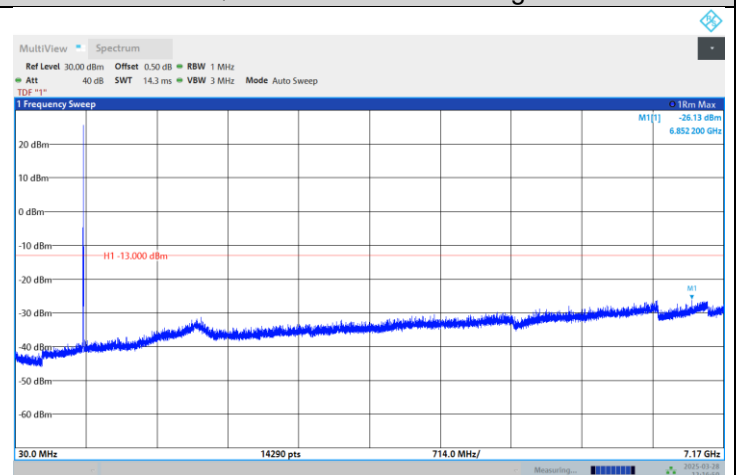
Band12-3MHz-QPSK-23025-1RB#0-Range:30~7170MHz



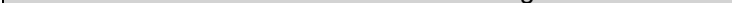
Band12-3MHz-QPSK-23095-1RB#0-Range:30~7170MHz



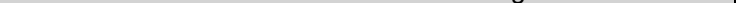
Band12-3MHz-QPSK-23165-1RB#0-Range:30~7170MHz

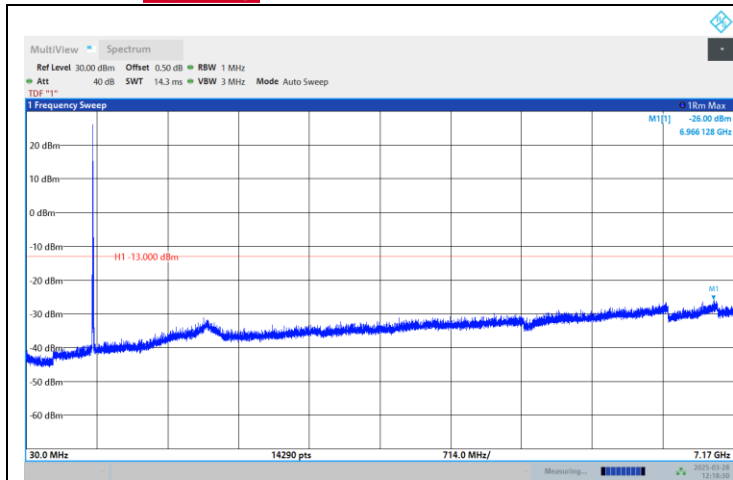


Band12-5MHz-QPSK-23035-1RB#0-Range:30~7170MHz

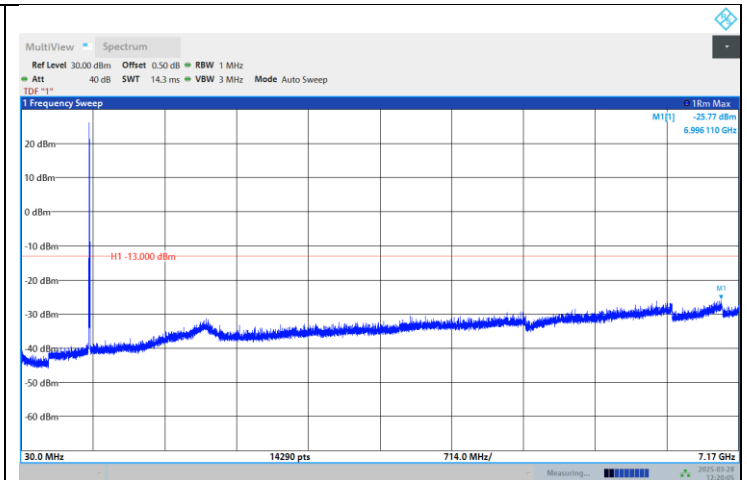


Band12-5MHz-QPSK-23095-1RB#0-Range:30~7170MHz

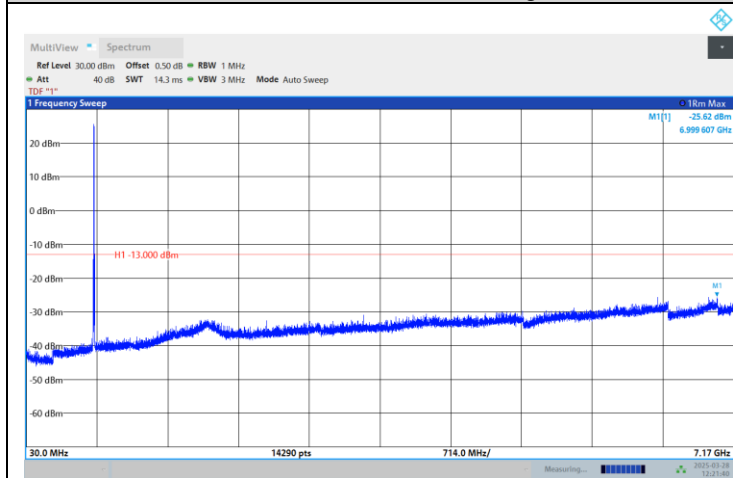




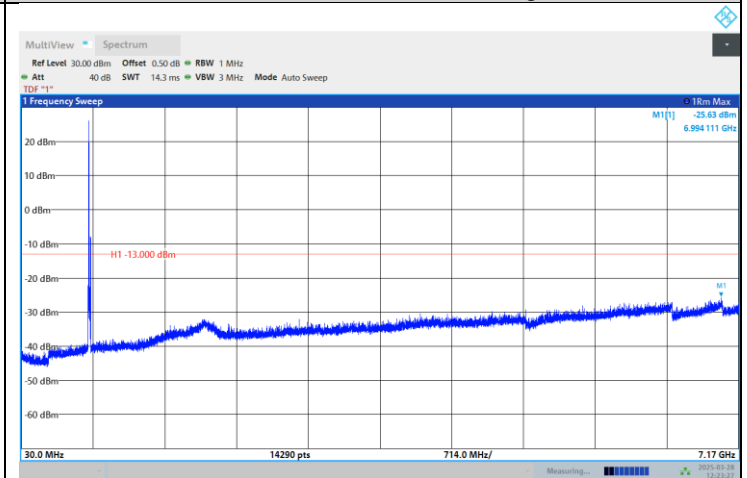
Band12-5MHz-QPSK-23155-1RB#0-Range:30~7170MHz



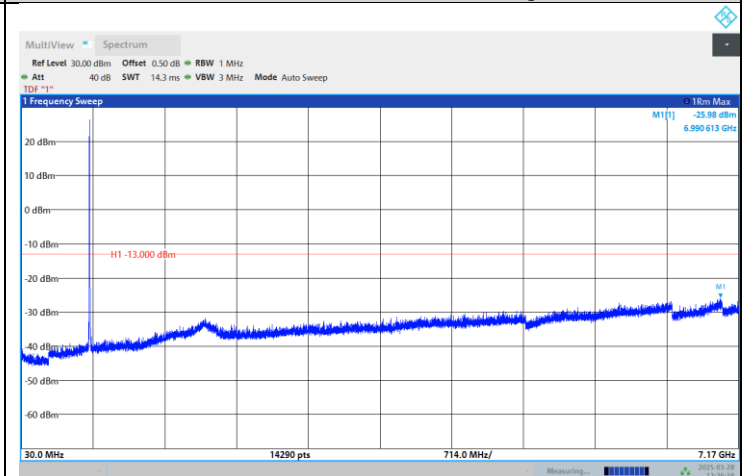
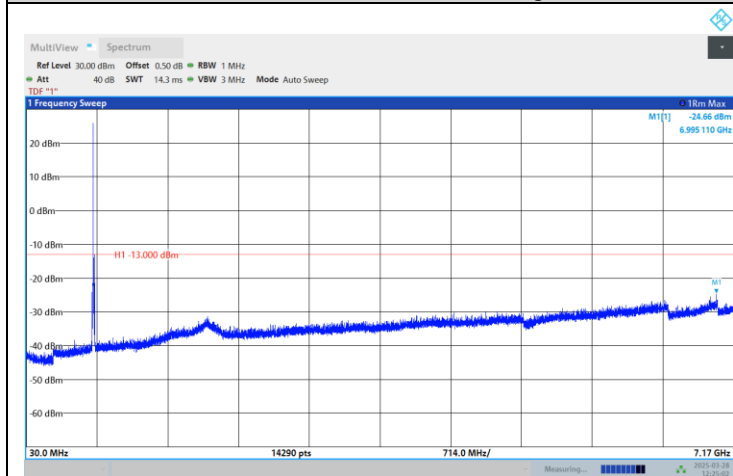
Band12-10MHz-QPSK-23060-1RB#0-Range:30~7170MHz



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



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





FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	LV	NT	20.20	0.0287	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	NT	-15.00	-0.0213	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	HV	NT	-2.60	-0.0037	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	LV	NT	22.00	0.0311	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	NT	-22.70	-0.0321	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	HV	NT	17.00	0.0240	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	LV	NT	8.90	0.0125	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	NT	2.10	0.0030	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	HV	NT	21.50	0.0302	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-8.10	-0.0115	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	-13.80	-0.0196	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-10	-14.40	-0.0205	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-8.00	-0.0114	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	-10.70	-0.0152	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	-14.60	-0.0207	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	9.40	0.0134	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	19.60	0.0278	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	-24.40	-0.0347	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-2.50	-0.0035	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	15.80	0.0223	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-0.10	-0.0001	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-1.70	-0.0024	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-1.00	-0.0014	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-12.40	-0.0175	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-12.70	-0.0180	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	8.90	0.0126	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-21.60	-0.0305	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	12.50	0.0176	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	16.50	0.0232	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	21.00	0.0295	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	16.70	0.0235	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-2.60	-0.0037	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	6.00	0.0084	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	0.40	0.0006	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	4.10	0.0058	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-2.50	-0.0035	±2.5	PASS



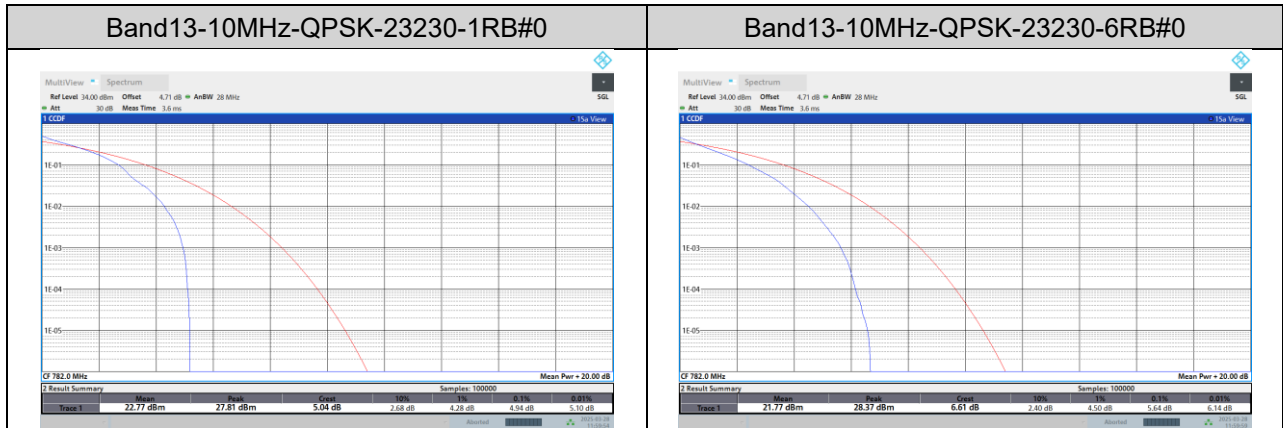
PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	10MHz	QPSK	23230	1RB#0	4.94	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.64	13	PASS



Test Graphs





BUREAU VERITAS Test Report No.: PSU-QSU2503210311RF03
26DB BANDWIDTH AND OCCUPIED BANDWIDTH

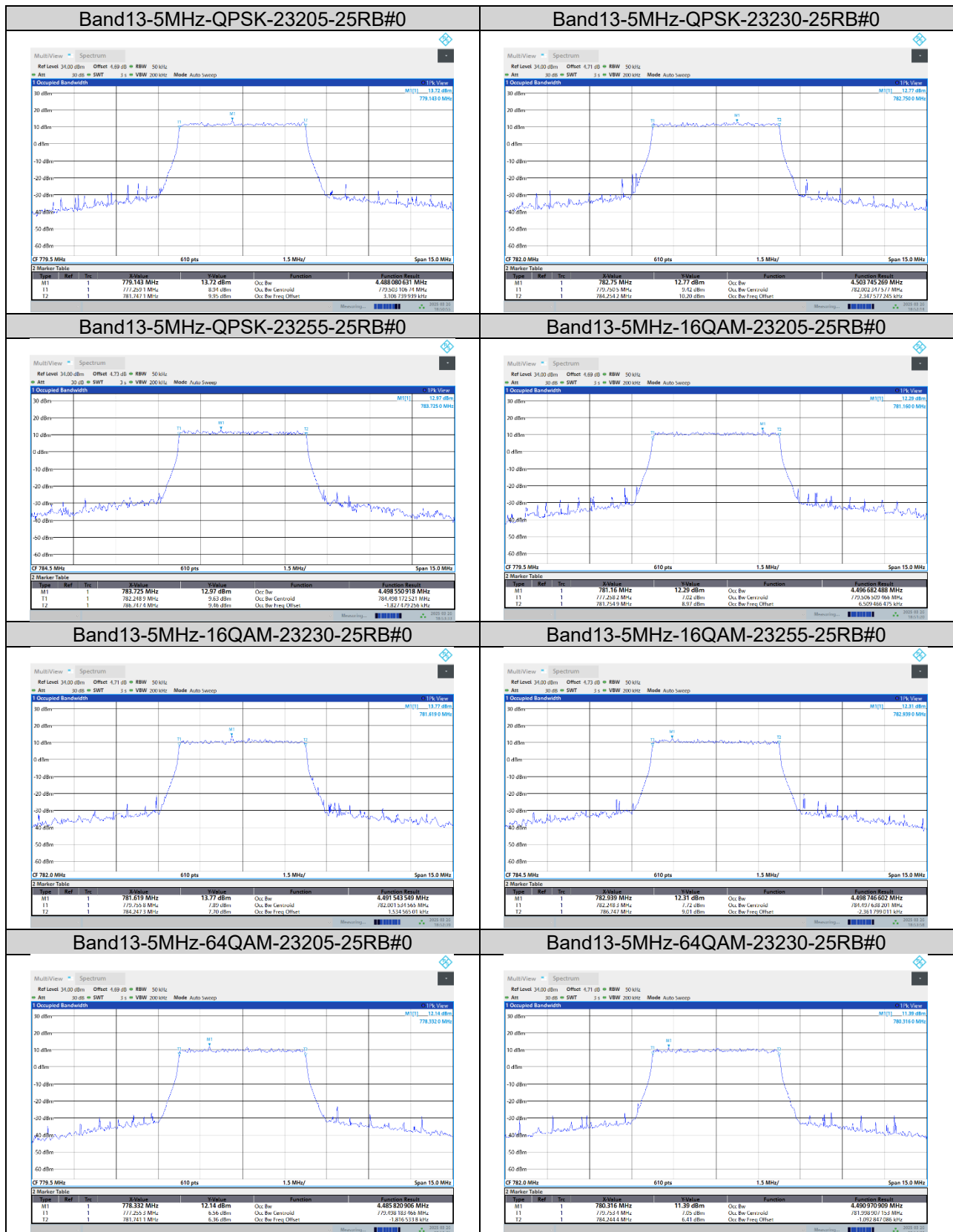
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.488	4.97	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.504	5.02	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.499	4.97	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.497	5.05	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.492	5.04	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.499	5.07	PASS
Band13	5MHz	64QAM	23205	25RB#0	4.486	5.00	PASS
Band13	5MHz	64QAM	23230	25RB#0	4.491	5.07	PASS
Band13	5MHz	64QAM	23255	25RB#0	4.495	4.99	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.982	9.92	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.955	9.80	PASS
Band13	10MHz	64QAM	23230	50RB#0	8.963	9.74	PASS



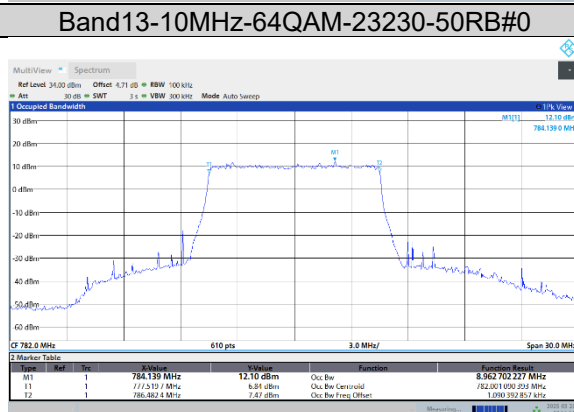
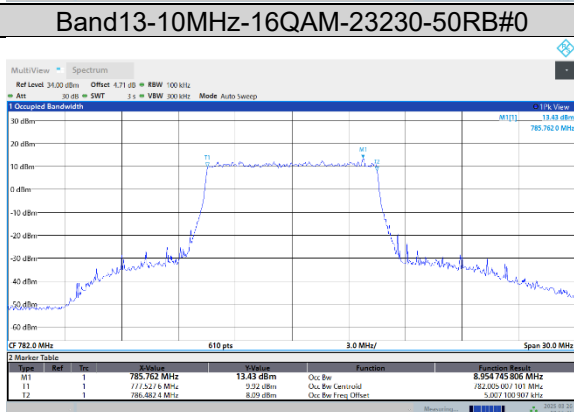
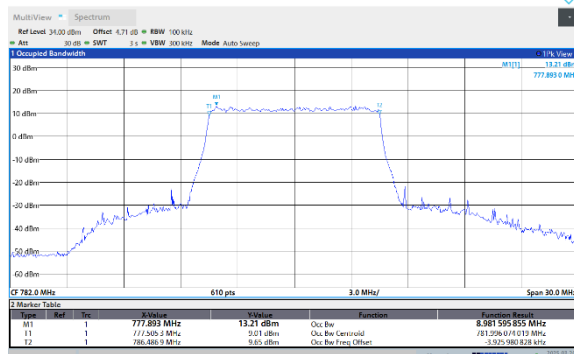
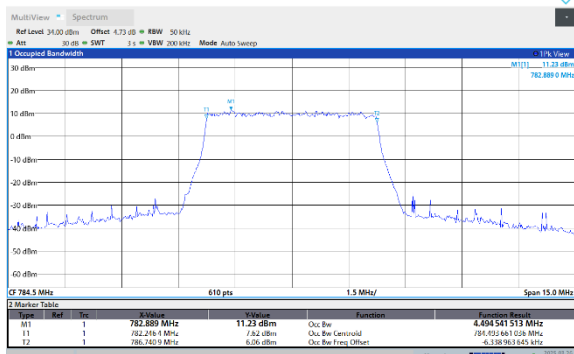
Test Graphs

Occupied Bandwidth

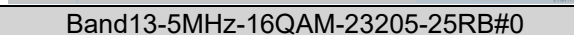
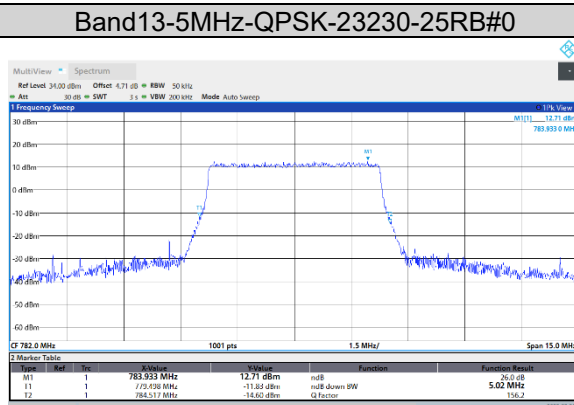
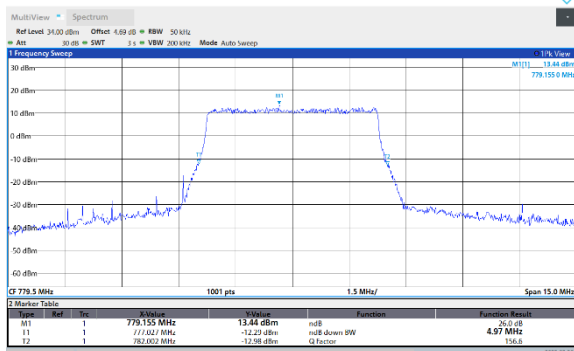




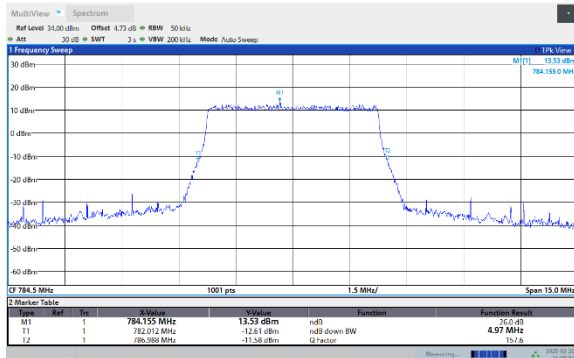
Band13-5MHz-64QAM-23255-25RB#0



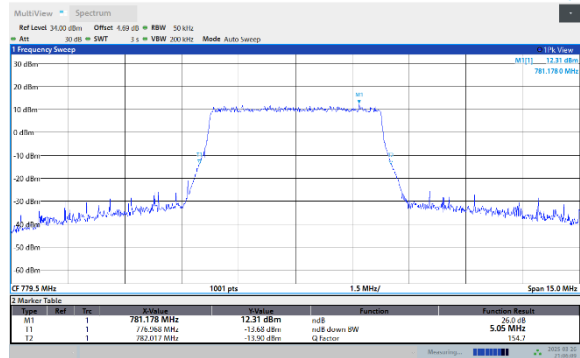
Band13-5MHz-QPSK-23205-25RB#0



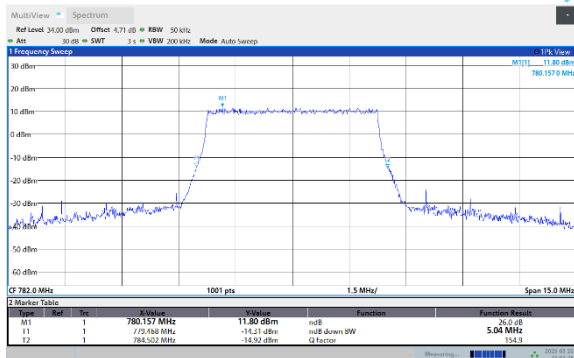
Tel: +86 (0557) 368 1008



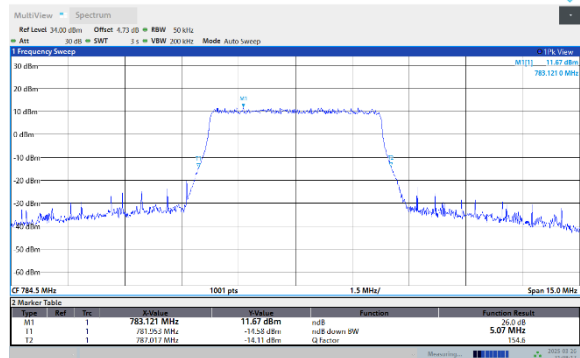
Band13-5MHz-16QAM-23230-25RB#0



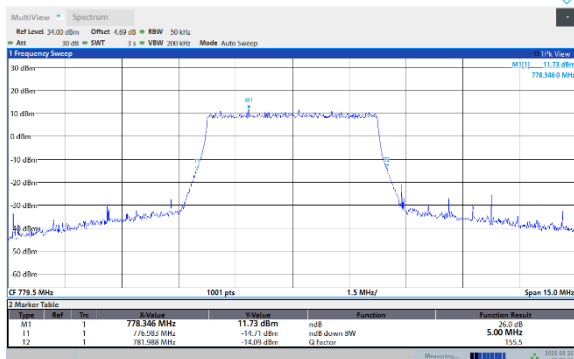
Band13-5MHz-16QAM-23255-25RB#0



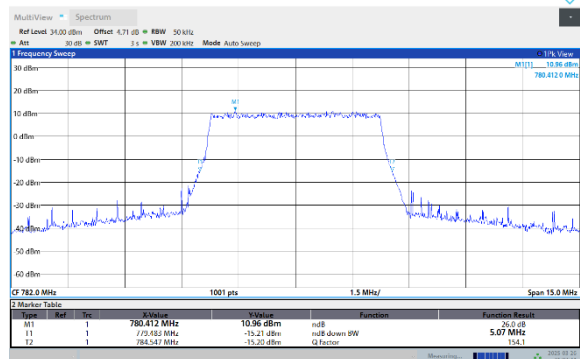
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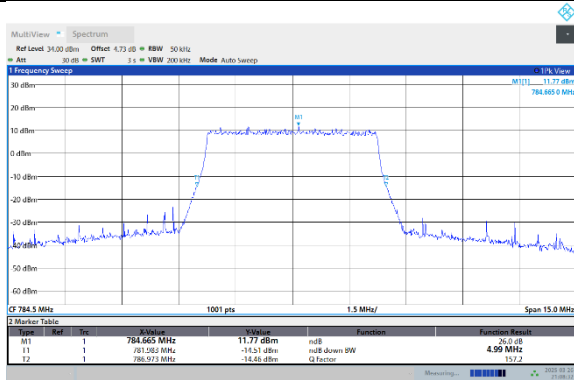
Band13-5MHz-64QAM-23230-25RB#0



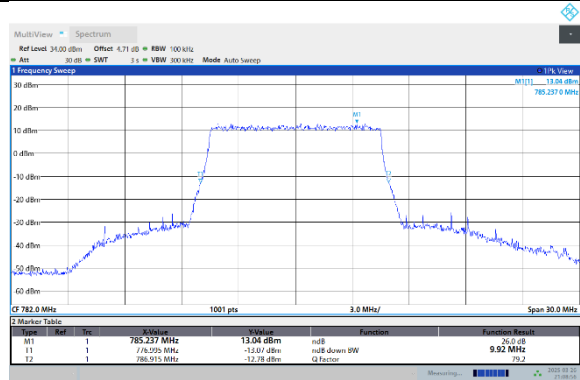
Band13-5MHz-64QAM-23255-25RB#0



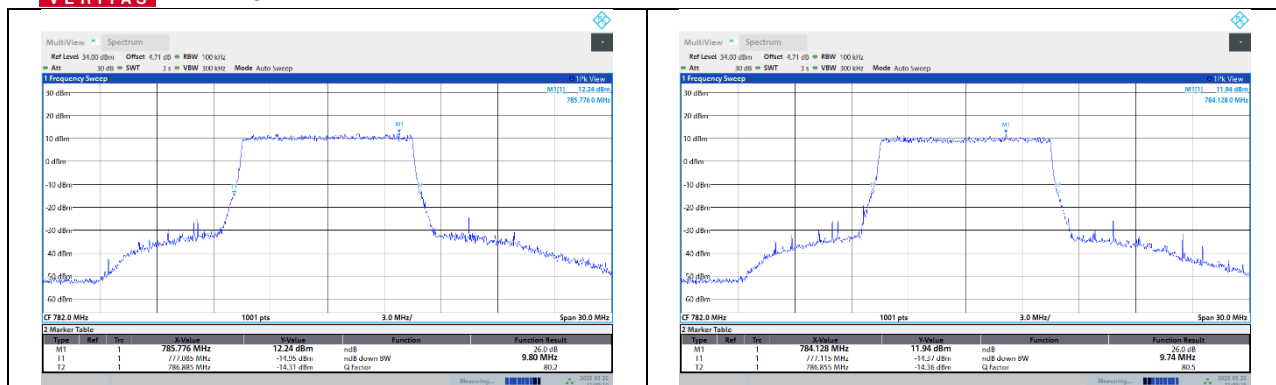
Band13-10MHz-QPSK-23230-50RB#0



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



Band13-10MHz-64QAM-23230-50RB#0





BAND EDGE

Test Result

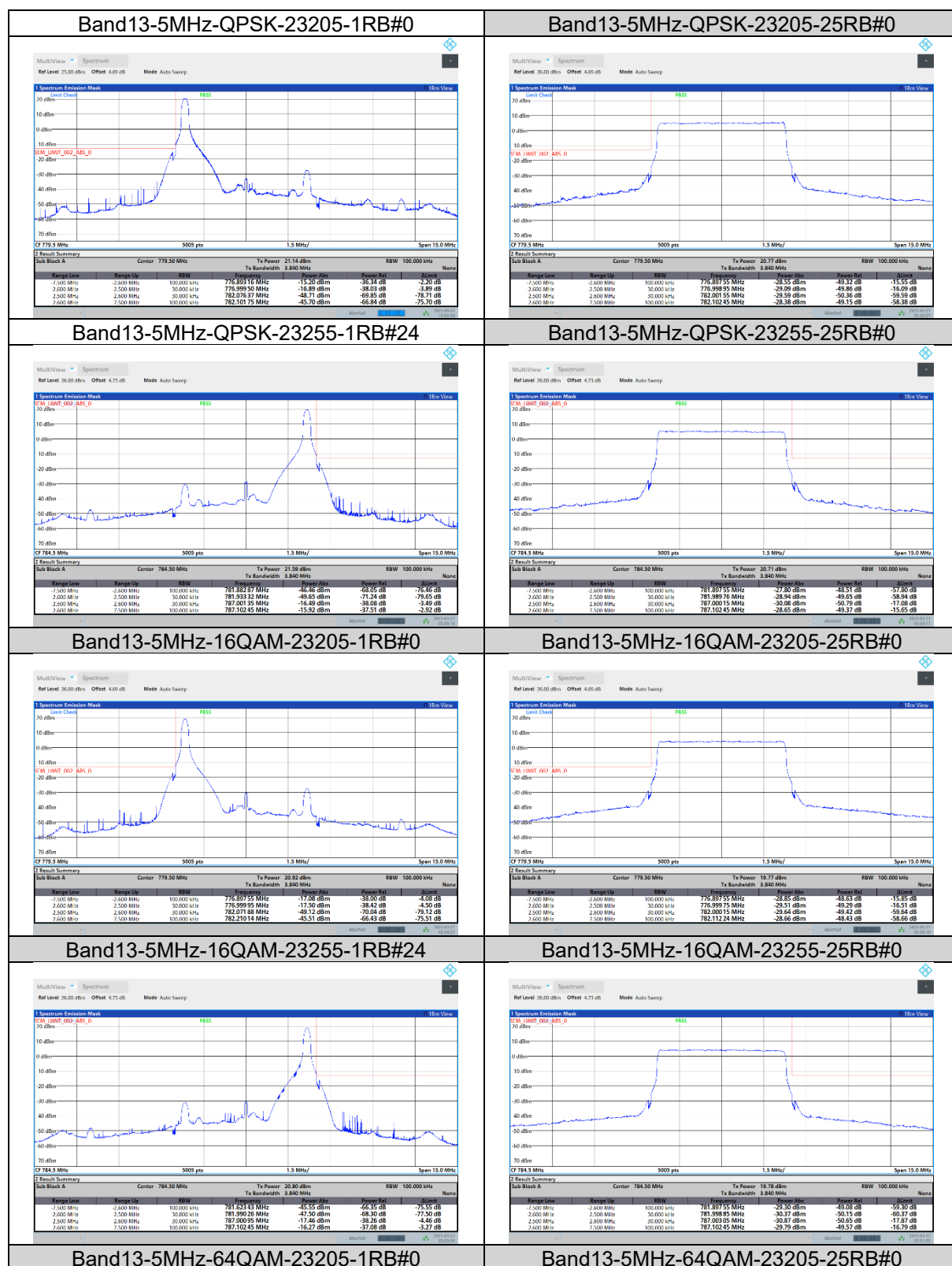
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	See Graph	PASS
Band13	5MHz	QPSK	23205	25RB#0	See Graph	PASS
Band13	5MHz	QPSK	23255	1RB#24	See Graph	PASS
Band13	5MHz	QPSK	23255	25RB#0	See Graph	PASS
Band13	5MHz	16QAM	23205	1RB#0	See Graph	PASS
Band13	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	5MHz	64QAM	23205	1RB#0	See Graph	PASS
Band13	5MHz	64QAM	23205	25RB#0	See Graph	PASS
Band13	5MHz	64QAM	23255	1RB#24	See Graph	PASS
Band13	5MHz	64QAM	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
Band13	10MHz	64QAM	23230	1RB#0	See Graph	PASS
Band13	10MHz	64QAM	23230	1RB#49	See Graph	PASS
Band13	10MHz	64QAM	23230	50RB#0	See Graph	PASS

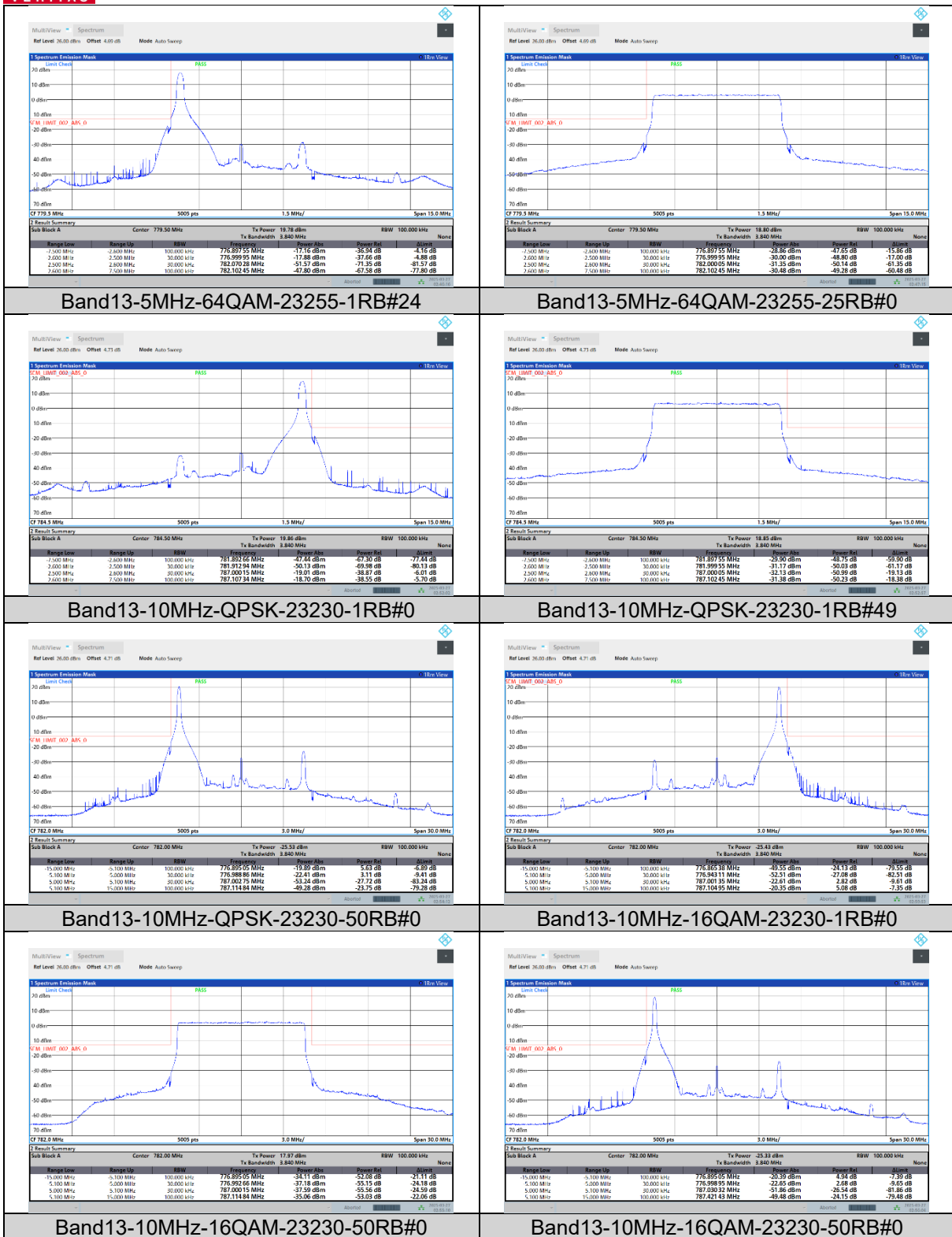


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VERITAS

Test Report No.: PSU-QSU2503210311RF03

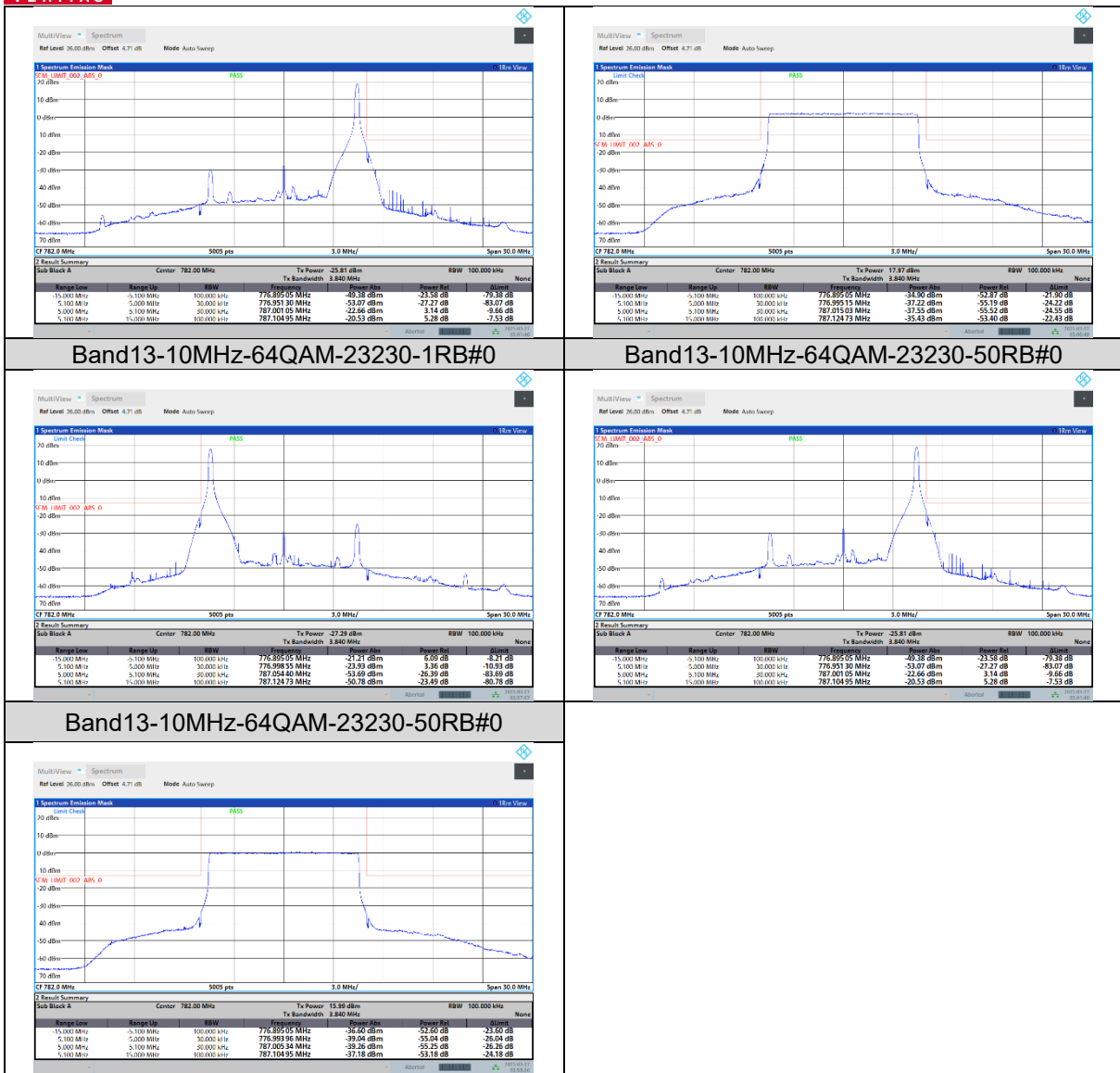
Test Graphs







Test Report No.: PSU-QSU2503210311RF03





BUREAU VERITAS Test Report No.: PSU-QSU2503210311RF03
CONDUCTED SPURIOUS EMISSION

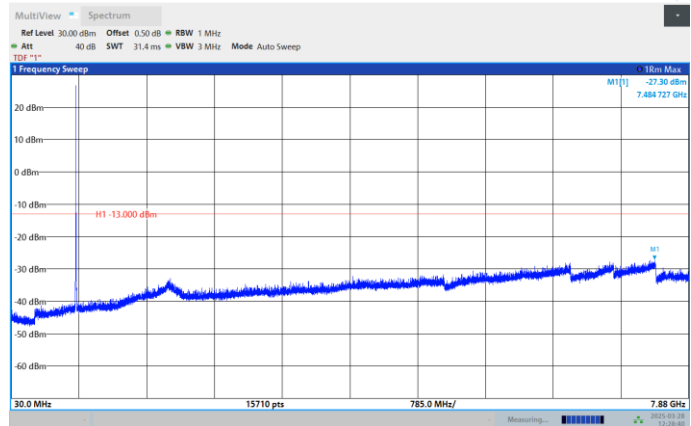
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range:30~7880MHz	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:30~7880MHz	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:30~7880MHz	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:30~7880MHz	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

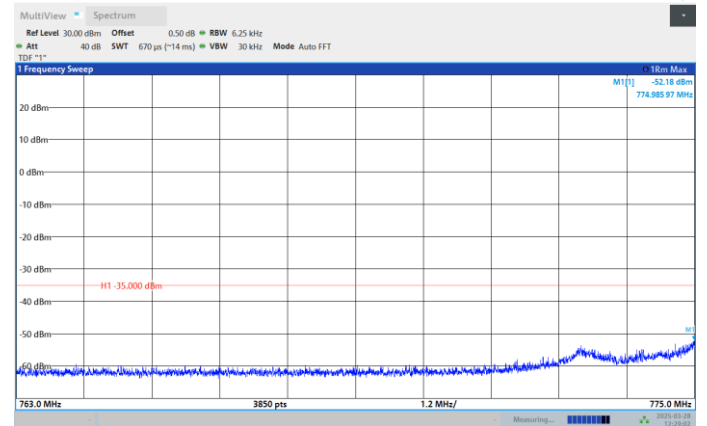


Test Graphs

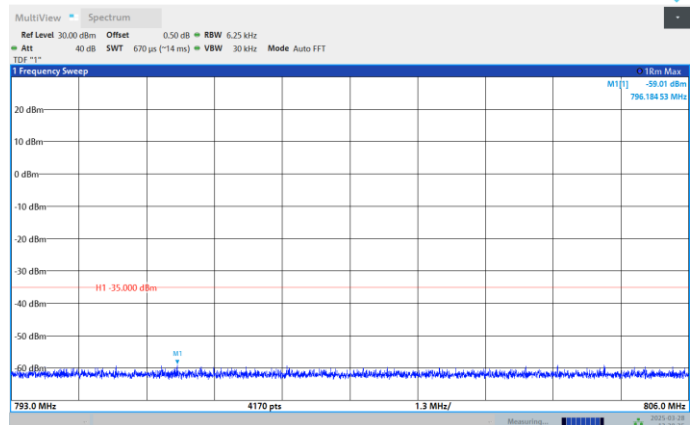
Band13-5MHz-QPSK-23205-1RB#0-Range:30~7880MHz



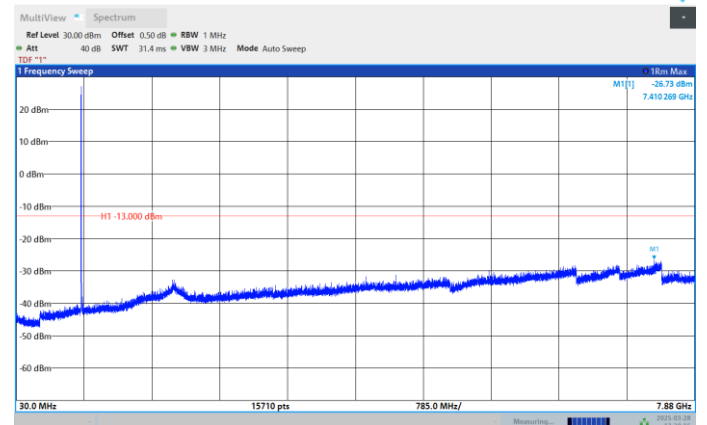
Band13-5MHz-QPSK-23205-1RB#0-Range:763~775MHz



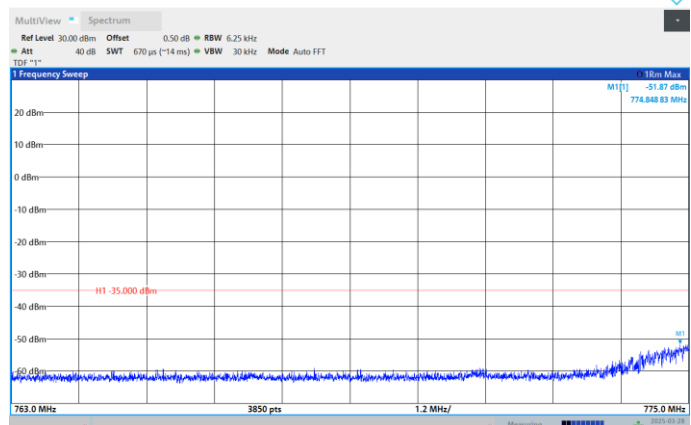
Band13-5MHz-QPSK-23205-1RB#0-Range:793~806MHz



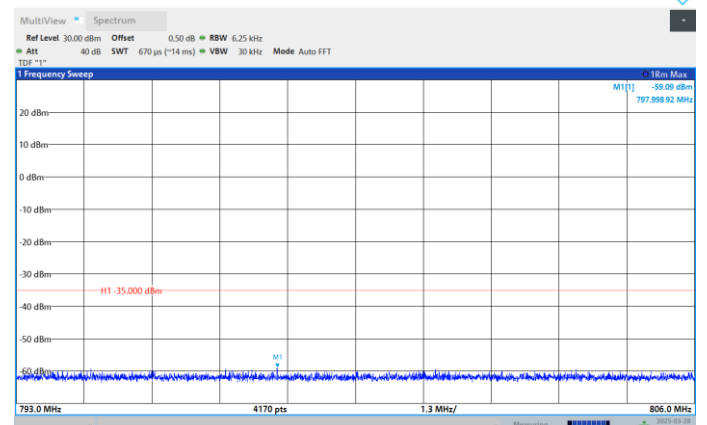
Band13-5MHz-QPSK-23230-1RB#0-Range:30~7870MHz



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



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



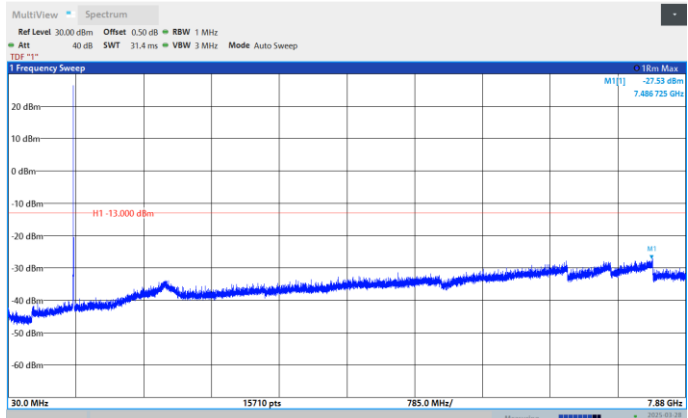
Band13-5MHz-QPSK-23255-1RB#0-Range:30~7870MHz

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

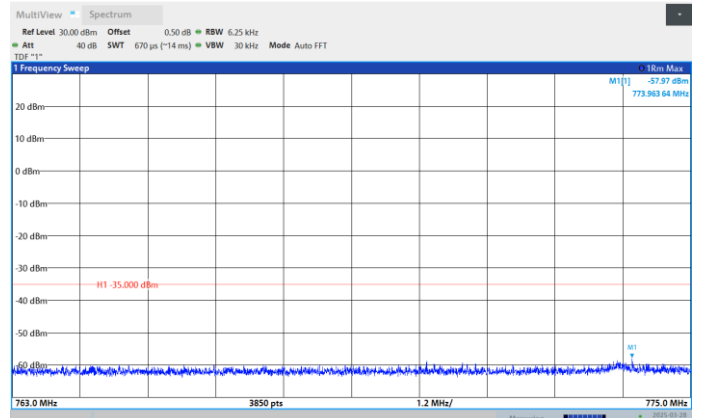


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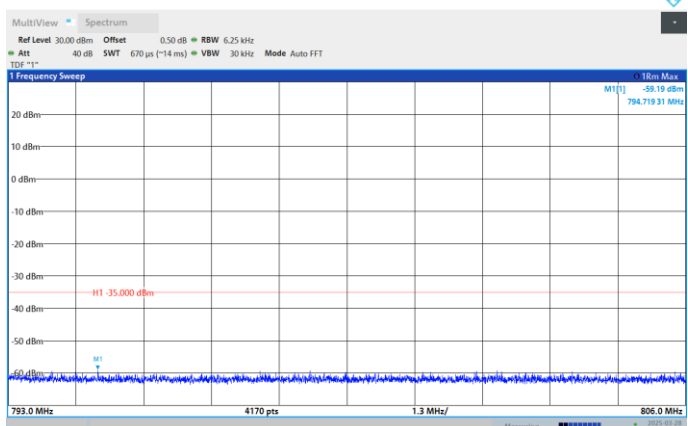
Test Report No.: PSU-QSU2503210311RF03



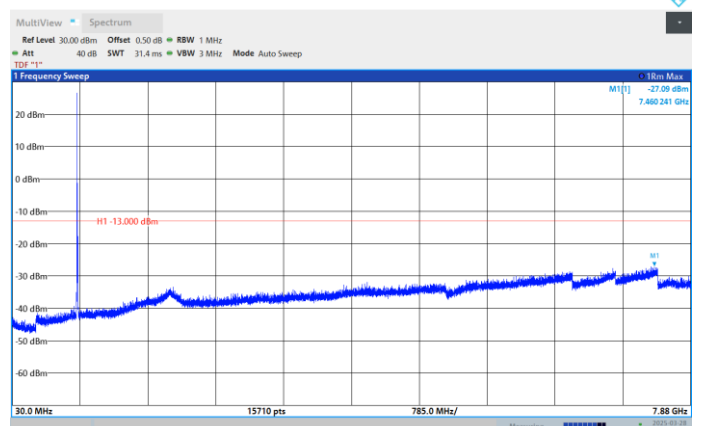
Band13-5MHz-QPSK-23255-1RB#0-Range:793~806MHz



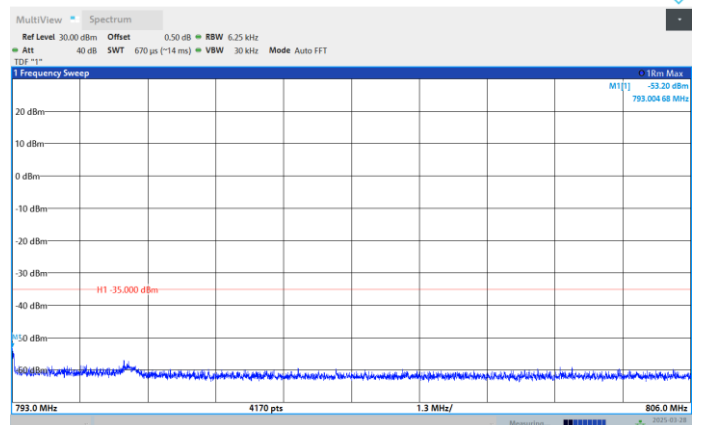
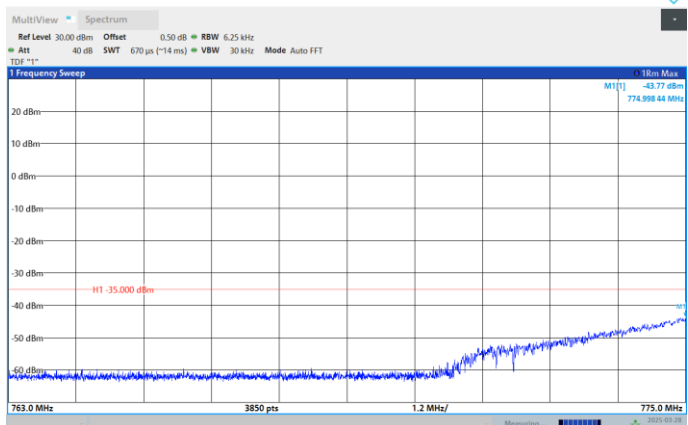
Band13-10MHz-QPSK-23230-1RB#0-Range:30~7870MHz



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 Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	QPSK	23230	75RB#0	LV	NT	-11.28	-0.0144	±2.5	PASS
Band13	10MHz	QPSK	23230	75RB#0	NV	NT	-24.91	-0.0319	±2.5	PASS
Band13	10MHz	QPSK	23230	75RB#0	HV	NT	23.90	0.0306	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	QPSK	23230	75RB#0	NV	-30	9.80	0.0125	±2.5	PASS
Band13	10MHz	QPSK	23230	75RB#0	NV	-20	-20.79	-0.0266	±2.5	PASS
Band13	10MHz	QPSK	23230	75RB#0	NV	-10	20.85	0.0267	±2.5	PASS
Band13	10MHz	QPSK	23230	75RB#0	NV	0	6.29	0.0080	±2.5	PASS
Band13	10MHz	QPSK	23230	75RB#0	NV	10	-11.82	-0.0151	±2.5	PASS
Band13	10MHz	QPSK	23230	75RB#0	NV	20	-22.02	-0.0282	±2.5	PASS
Band13	10MHz	QPSK	23230	75RB#0	NV	30	-21.04	-0.0269	±2.5	PASS
Band13	10MHz	QPSK	23230	75RB#0	NV	40	10.96	0.0140	±2.5	PASS
Band13	10MHz	QPSK	23230	75RB#0	NV	50	-7.13	-0.0091	±2.5	PASS

--END--