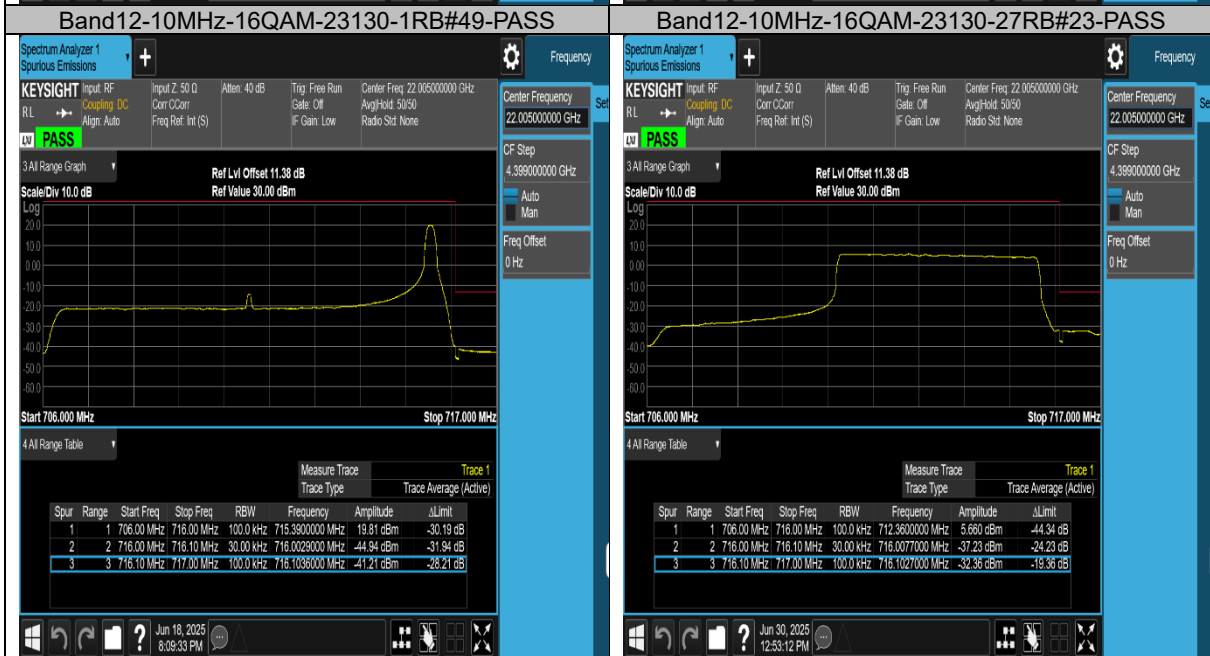




BUREAU VERITAS Test Report No.: PSU-QSU2506090109RF03





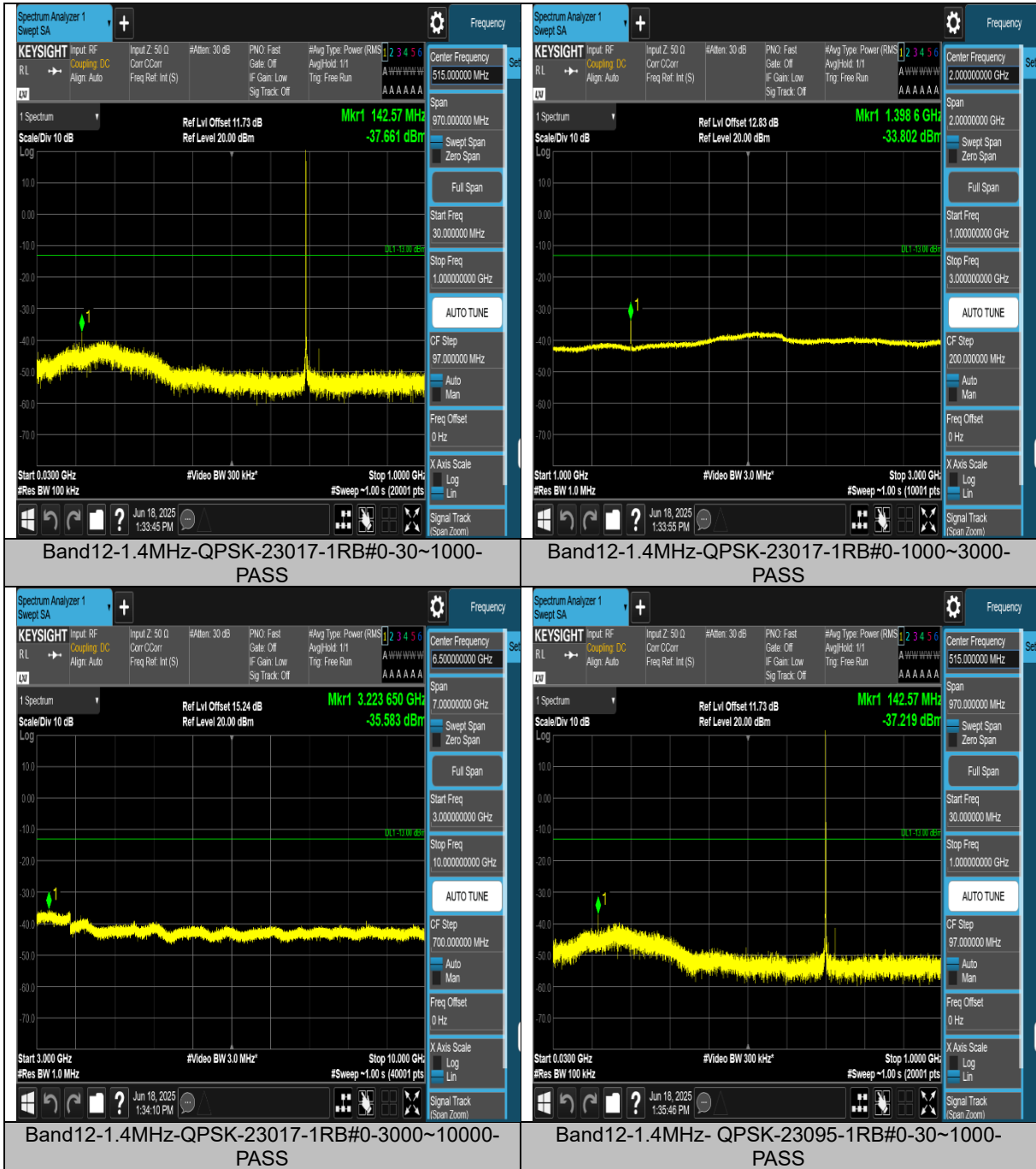
Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-37.66	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-33.80	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-35.58	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-37.22	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-35.82	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-35.75	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-38.83	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-35.80	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-35.38	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-38.81	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-33.70	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-35.65	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-38.31	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-36.65	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-35.27	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-38.72	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-33.61	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-35.46	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-37.94	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-33.47	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-35.50	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-38.99	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-37.12	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-35.58	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-38.71	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-33.34	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-35.49	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-37.25	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-34.47	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-35.58	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-38.06	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-37.24	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-35.48	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-38.39	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-36.62	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-35.52	PASS



Test Graphs



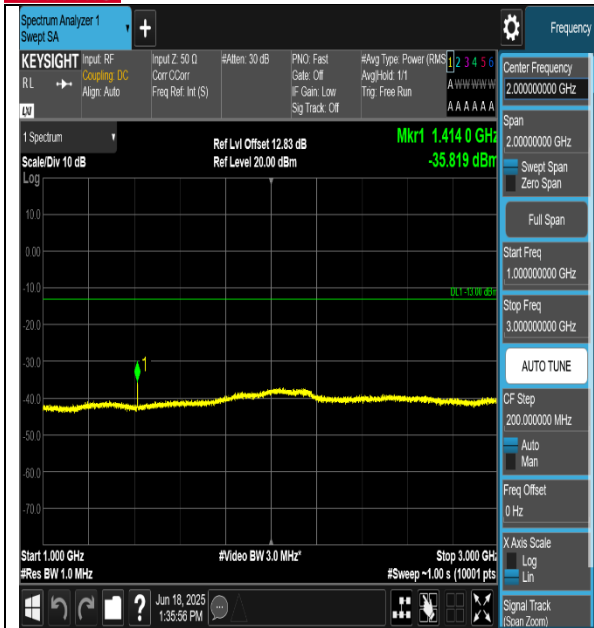
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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

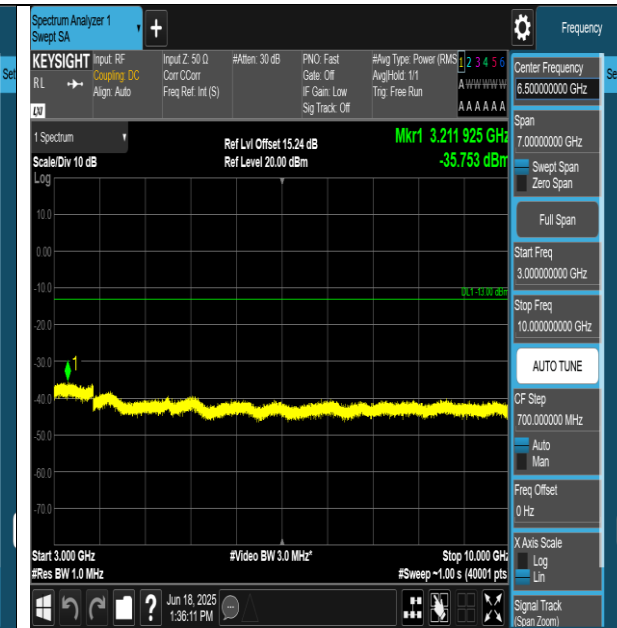
Tel: +86 (0557) 368 1008



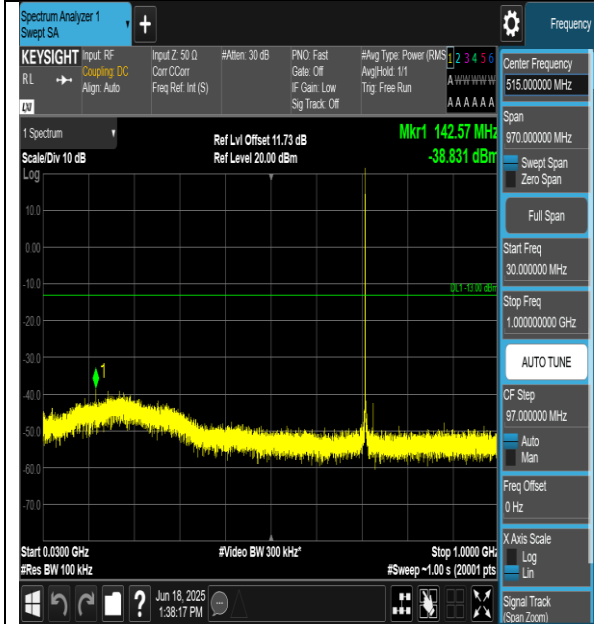
BUREAU VERITAS Test Report No.: PSU-QSU2506090109RF03



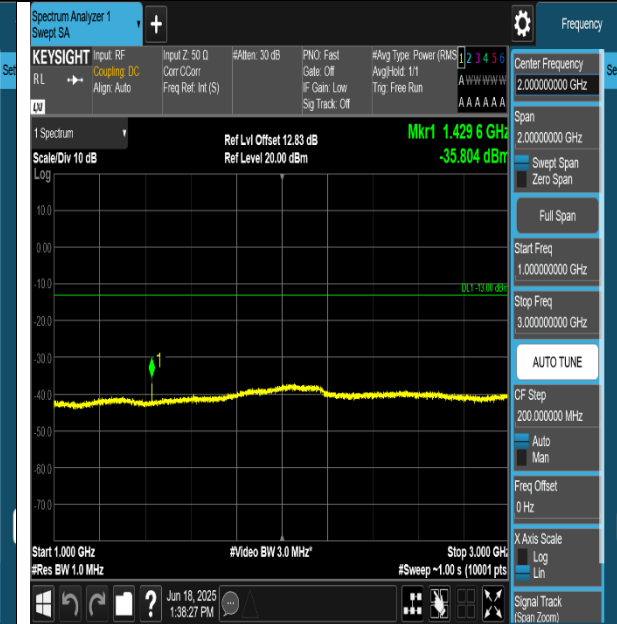
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Band12-1.4MHz-QPSK-23095-1RB#0-3000~10000-PASS



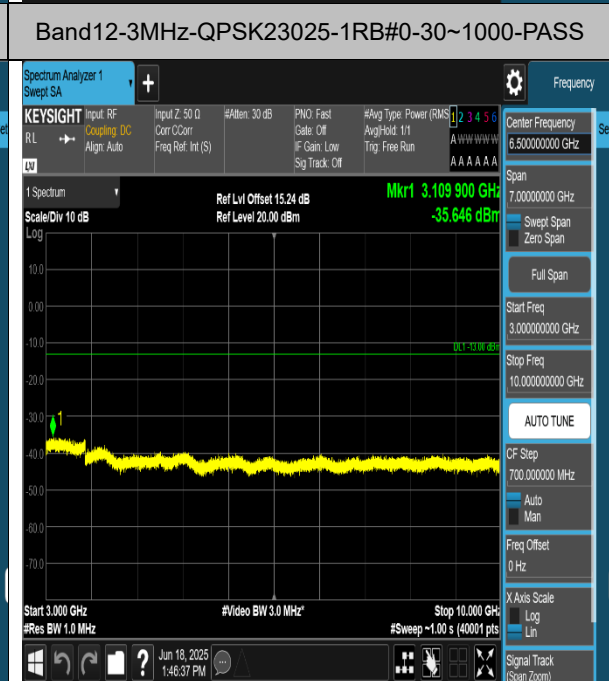
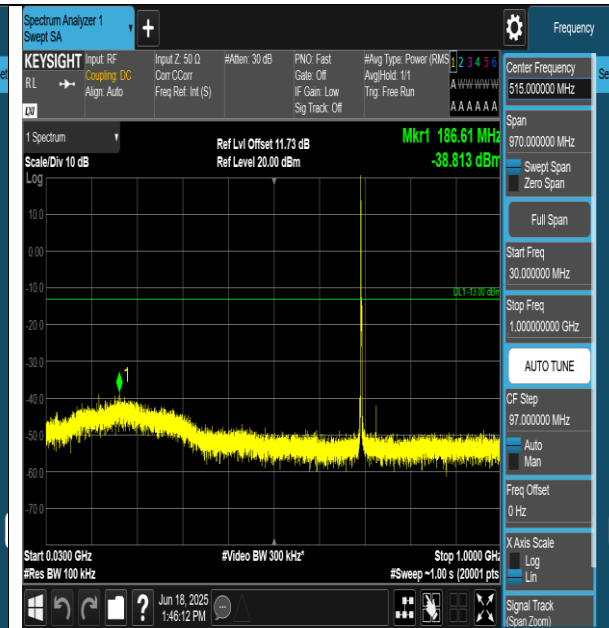
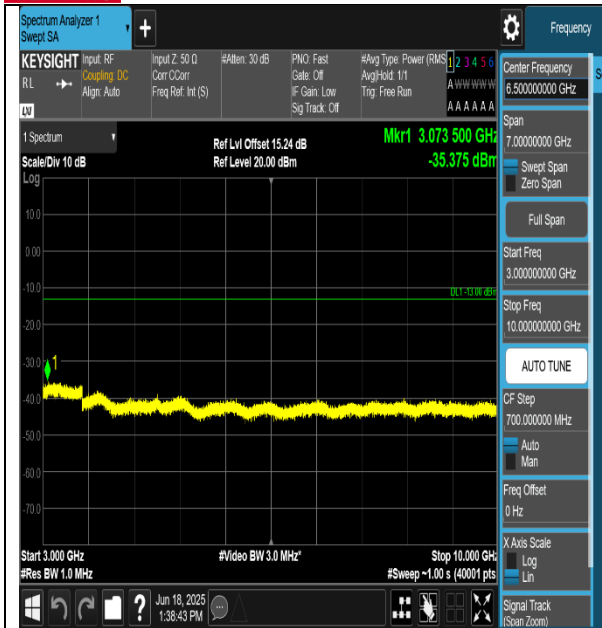
Band12-1.4MHz-QPSK-23173-1RB#0-30~1000-PASS



Band12-1.4MHz-QPSK-23173-1RB#0-1000~3000-PASS

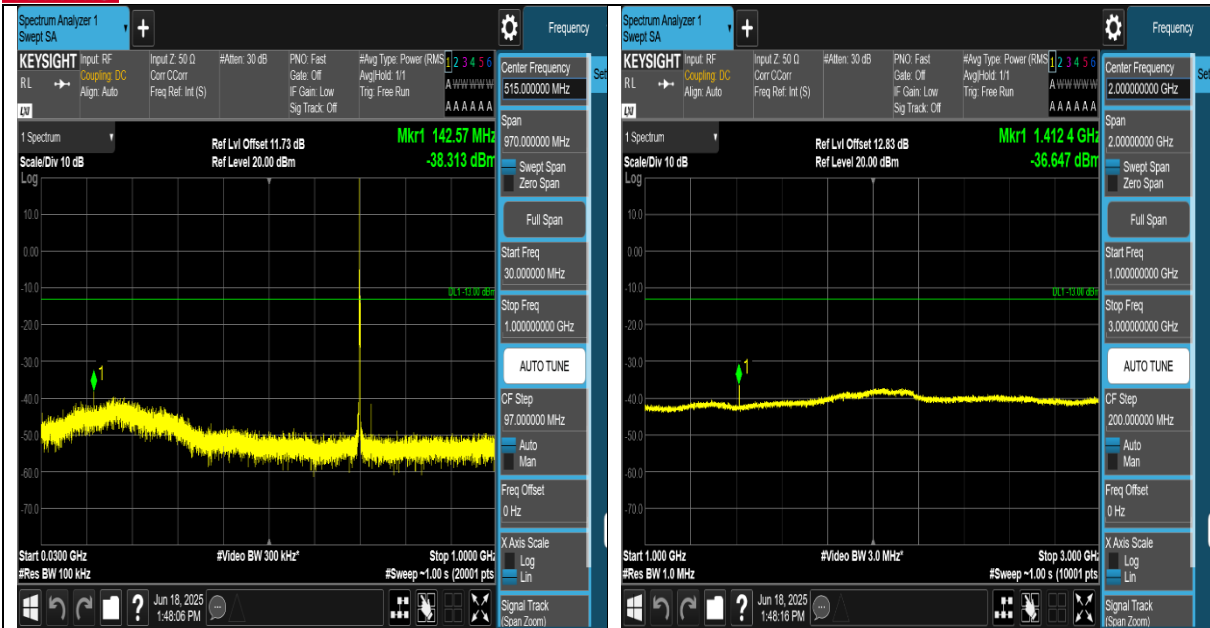


BUREAU VERITAS Test Report No.: PSU-QSU2506090109RF03



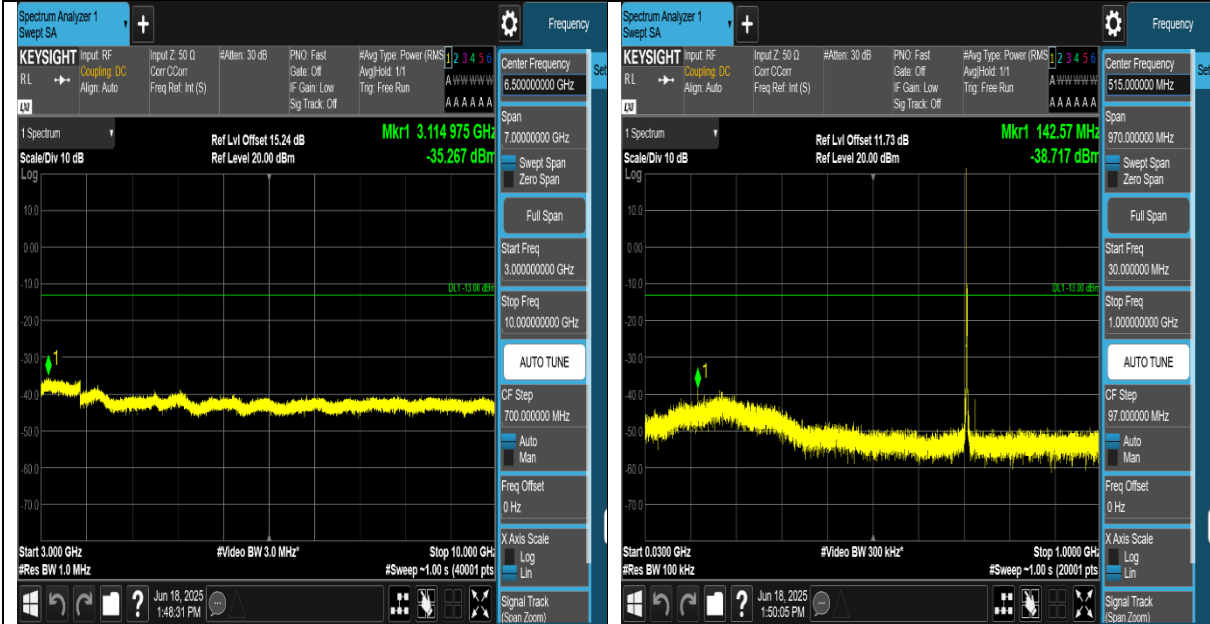


BUREAU VERITAS Test Report No.: PSU-QSU2506090109RF03



Band12-3MHz-QPSK-23095-1RB#0-30~1000-PASS

Band12-3MHz-QPSK-23095-1RB#0-1000~3000-PASS



Band12-3MHz-QPSK-23095-1RB#0-3000~10000-PASS

Band12-3MHz QPSK-23165-1RB#0-30~1000-PASS

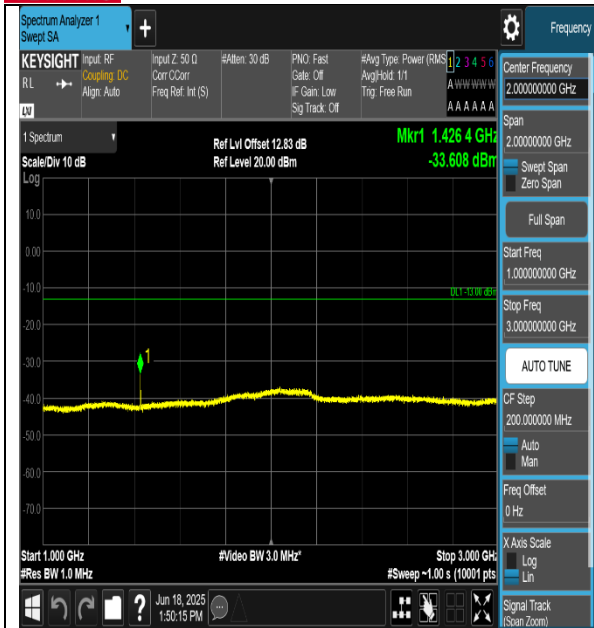
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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

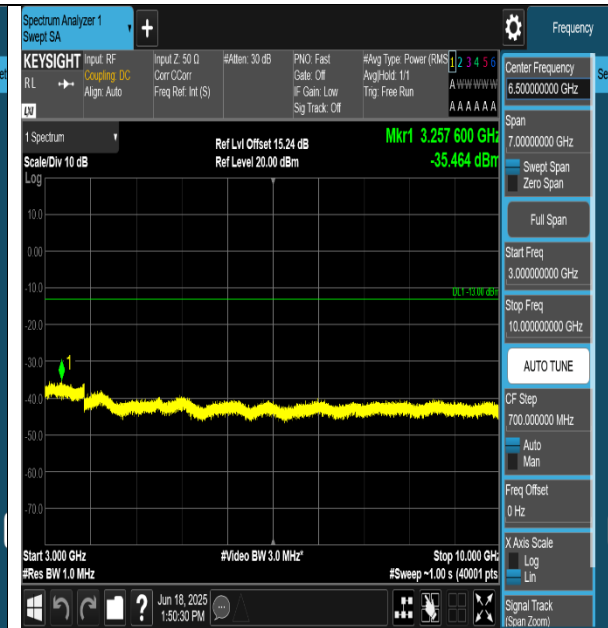
Tel: +86 (0557) 368 1008



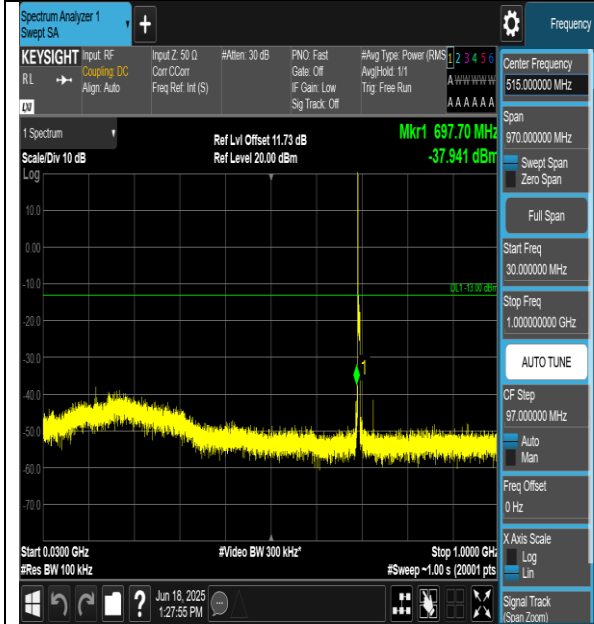
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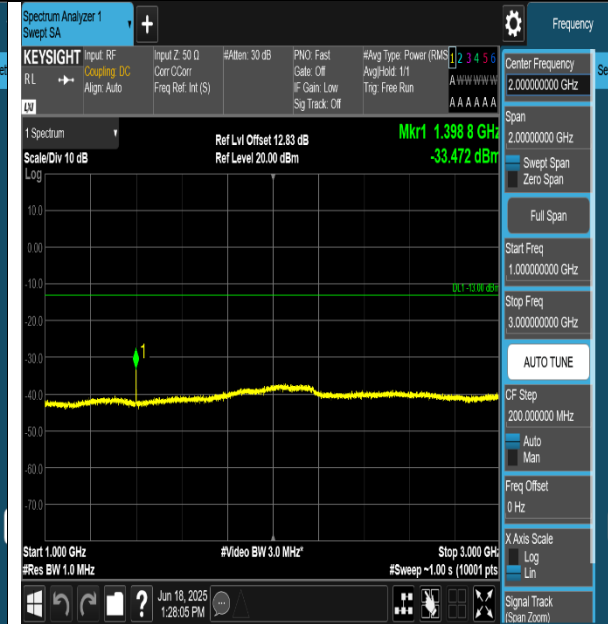
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Band12-3MHz-QPSK-23165-1RB#0-3000~10000-PASS



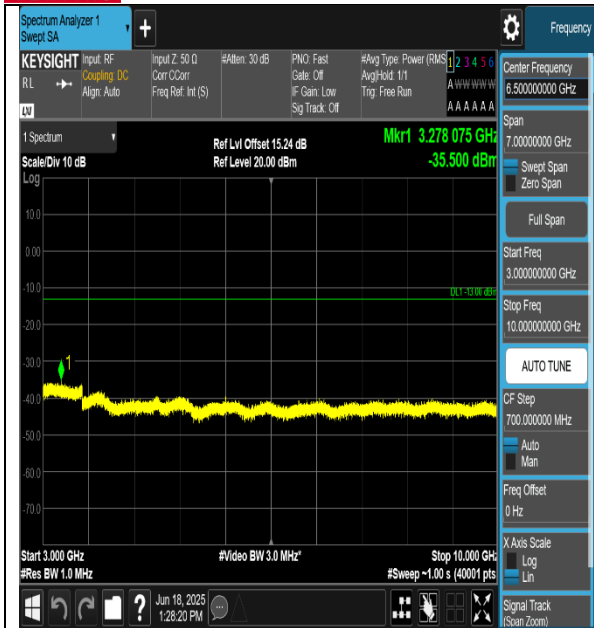
Band12-5MHz-QPSK-23035-1RB#0-30~1000-PASS



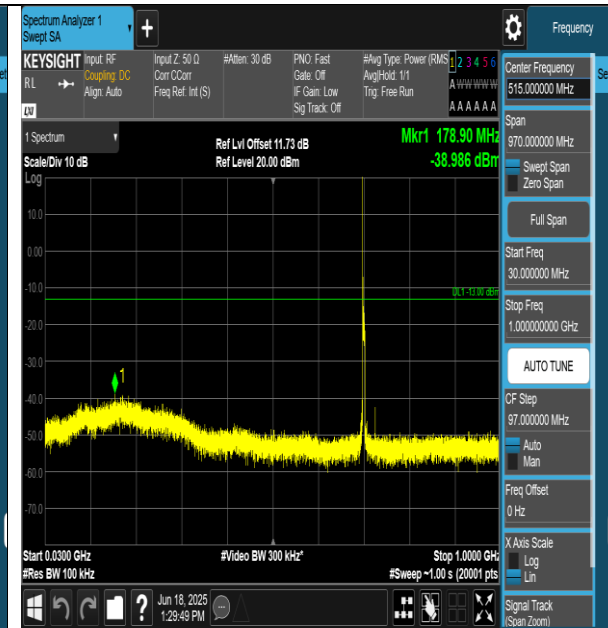
Band12-5MHz-QPSK-23035-1RB#0-1000~3000-PASS



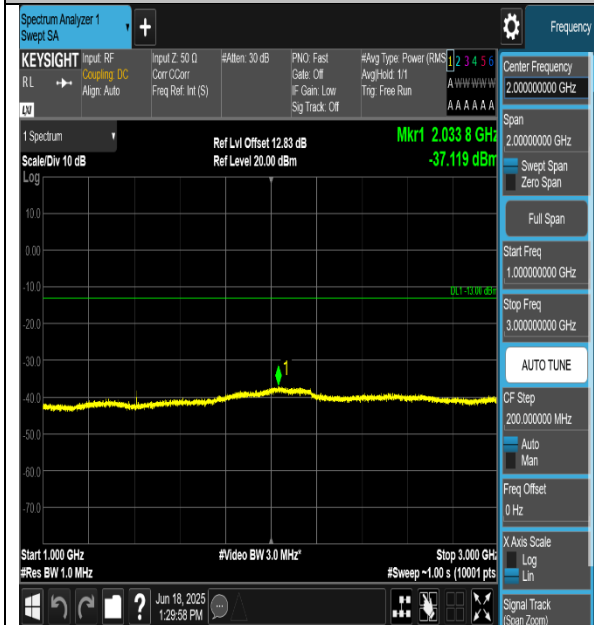
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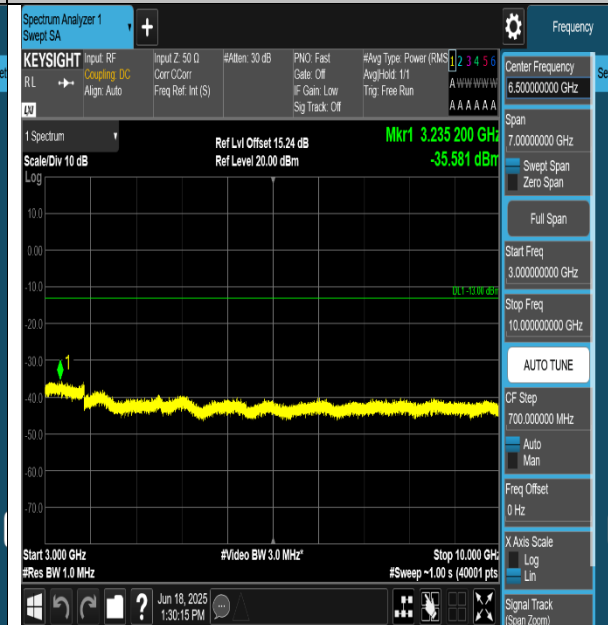
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Band12-5MHz-QPSK-23095-1RB#0-30~1000-PASS



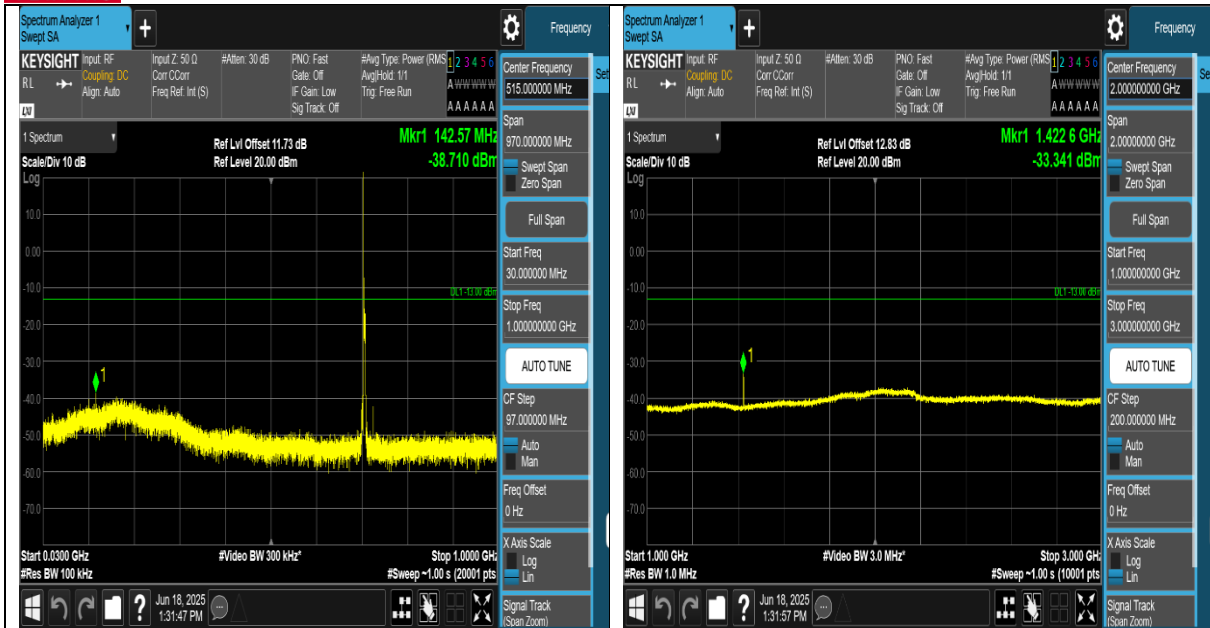
Band12-5MHz-QPSK-23095-1RB#0-1000~3000-PASS



Band12-5MHz-QPSK-23095-1RB#0-3000~10000-PASS

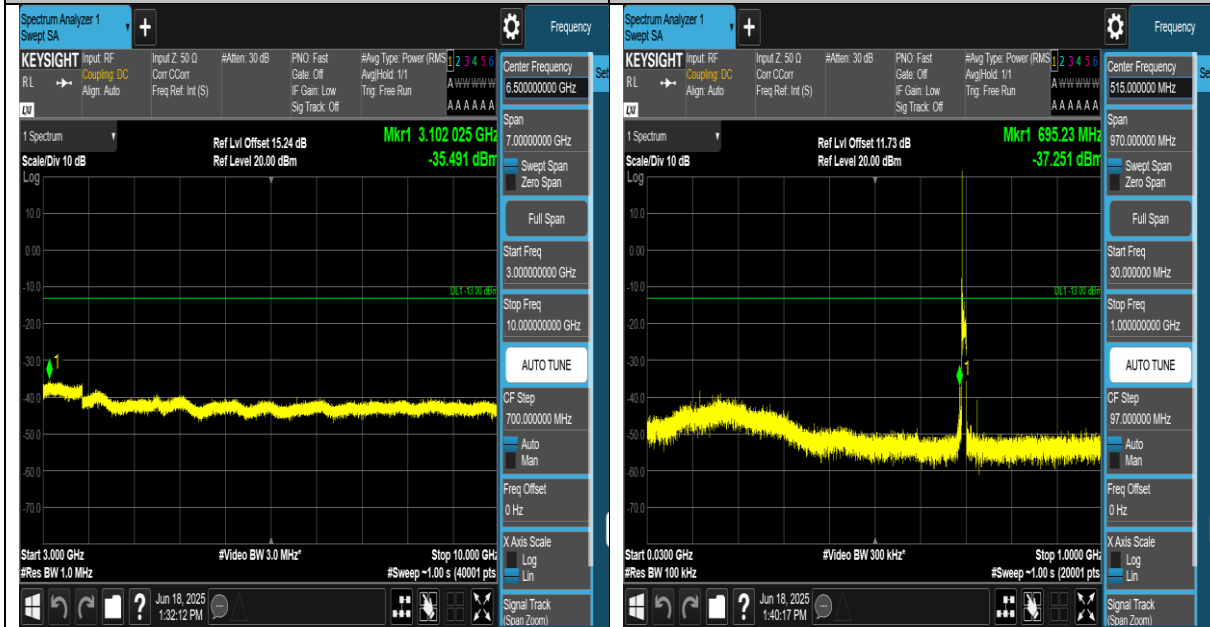


BUREAU VERITAS Test Report No.: PSU-QSU2506090109RF03



Band12-5MHz-QPSK-23155-1RB#0-30~1000-PASS

Band12-5MHz-QPSK-23155-1RB#0-1000~3000-PASS



Band12-5MHz-QPSK-23155-1RB#0-3000~10000-PASS

Band12-10MHz-QPSK-23060-1RB#0-30~1000-PASS

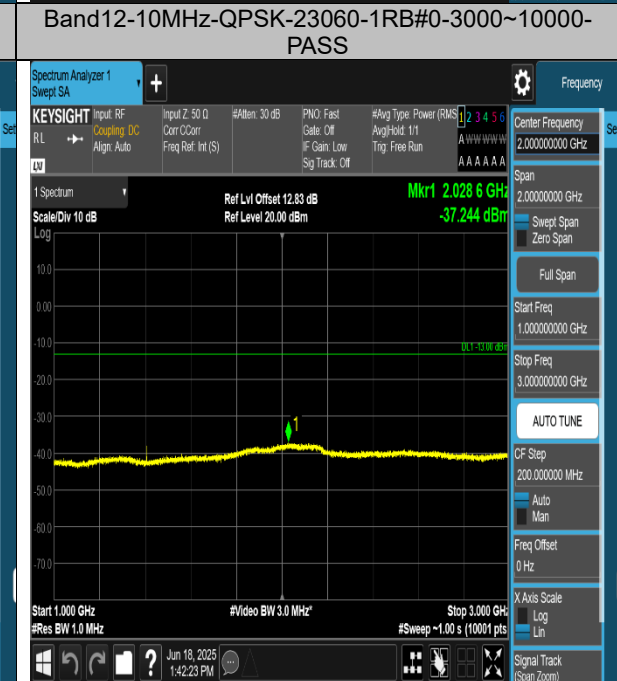
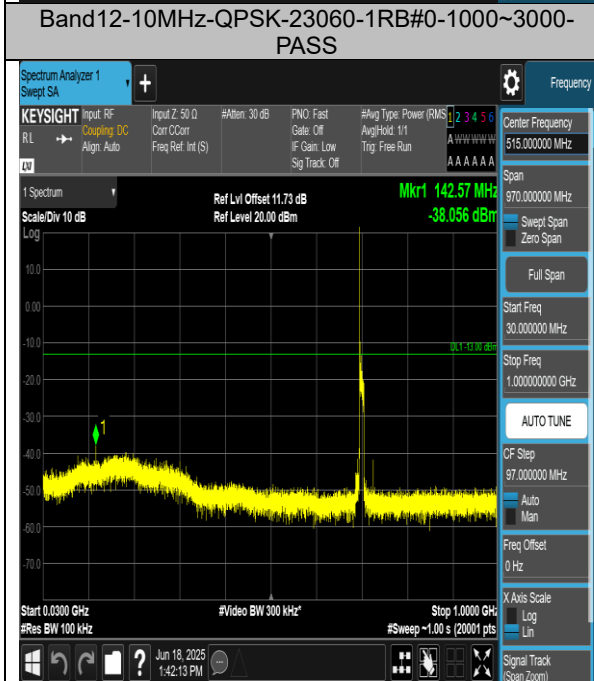
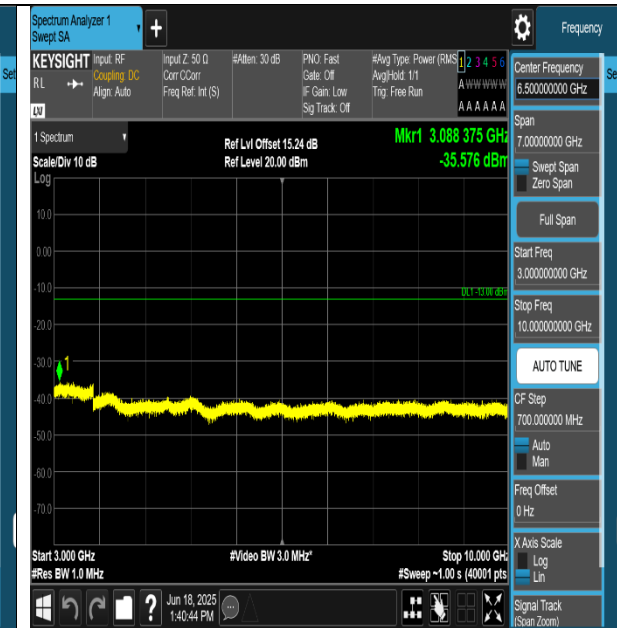
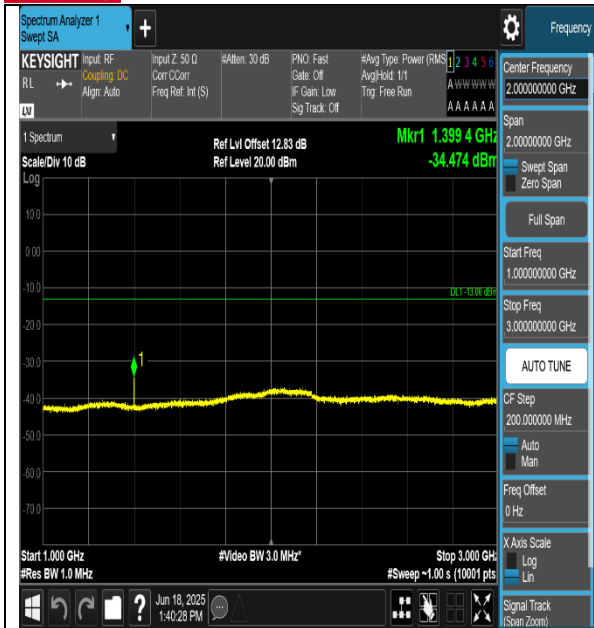
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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

Tel: +86 (0557) 368 1008



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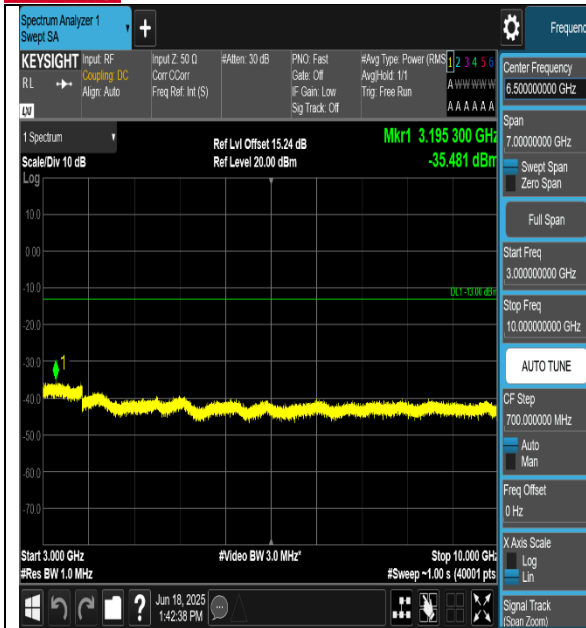
Huarui 7layers High Technology (Suzhou) Co., Ltd.

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

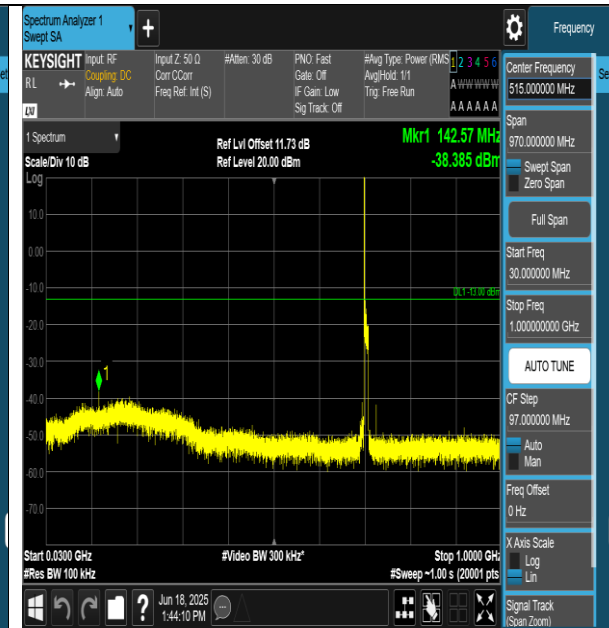
Tel: +86 (0557) 368 1008



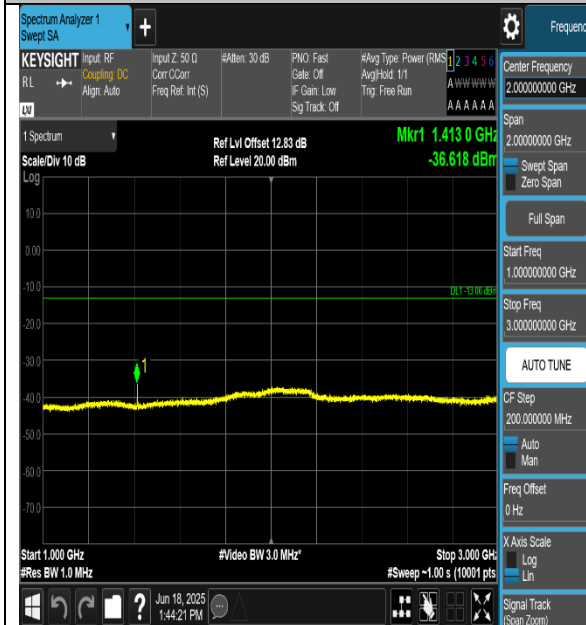
BUREAU VERITAS Test Report No.: PSU-QSU2506090109RF03



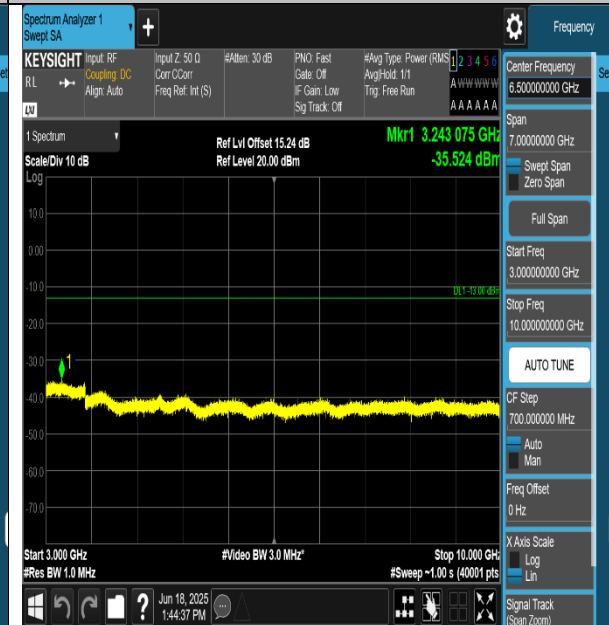
Band12-10MHz-QPSK-23095-1RB#0-3000~10000-PASS



Band12-10MHz-QPSK-23130-1RB#0-30~1000-PASS



Band12-10MHz-QPSK-23130-1RB#0-1000~3000-PASS



Band12-10MHz-QPSK-23130-1RB#0-3000~10000-PASS



Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 2	10MHz	QPSK	23060	50RB#0	VN	NT	360.56	0.512159	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VL	NT	230.83	0.327884	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VH	NT	390.12	0.554148	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VN	NT	1020.95	1.43594	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VL	NT	489.14	0.687961	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VH	NT	-130.62	0.18371	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-30	1230.33	1.747628	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-20	170.48	0.242159	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-10	310.82	0.441506	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	0	-679.12	0.96466	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	10	150.88	0.214318	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	20	-129.12	0.18341	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	30	-789.13	1.12092	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	40	-700.00	0.994318	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	50	-789.13	1.12092	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-30	-355.92	0.50036	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-20	799.00	1.124907	±2.5	PASS
Band1	10MHz	QPSK	23130	50RB#0	NV	-10	42.15	0.0598	±2.5	PASS



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2								04		
Band1 2	10MHz	QPSK	23130	50RB#0	NV	0	163.33	0.2297 02	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	10	-379.24	-0.5338	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	20	-355.88	- 0.5002 7	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	30	344.02	0.4838 6	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	40	1500.7 3	2.11073	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	50	742.90	1.0448 61	±2.5	PASS



LTE BAND 13

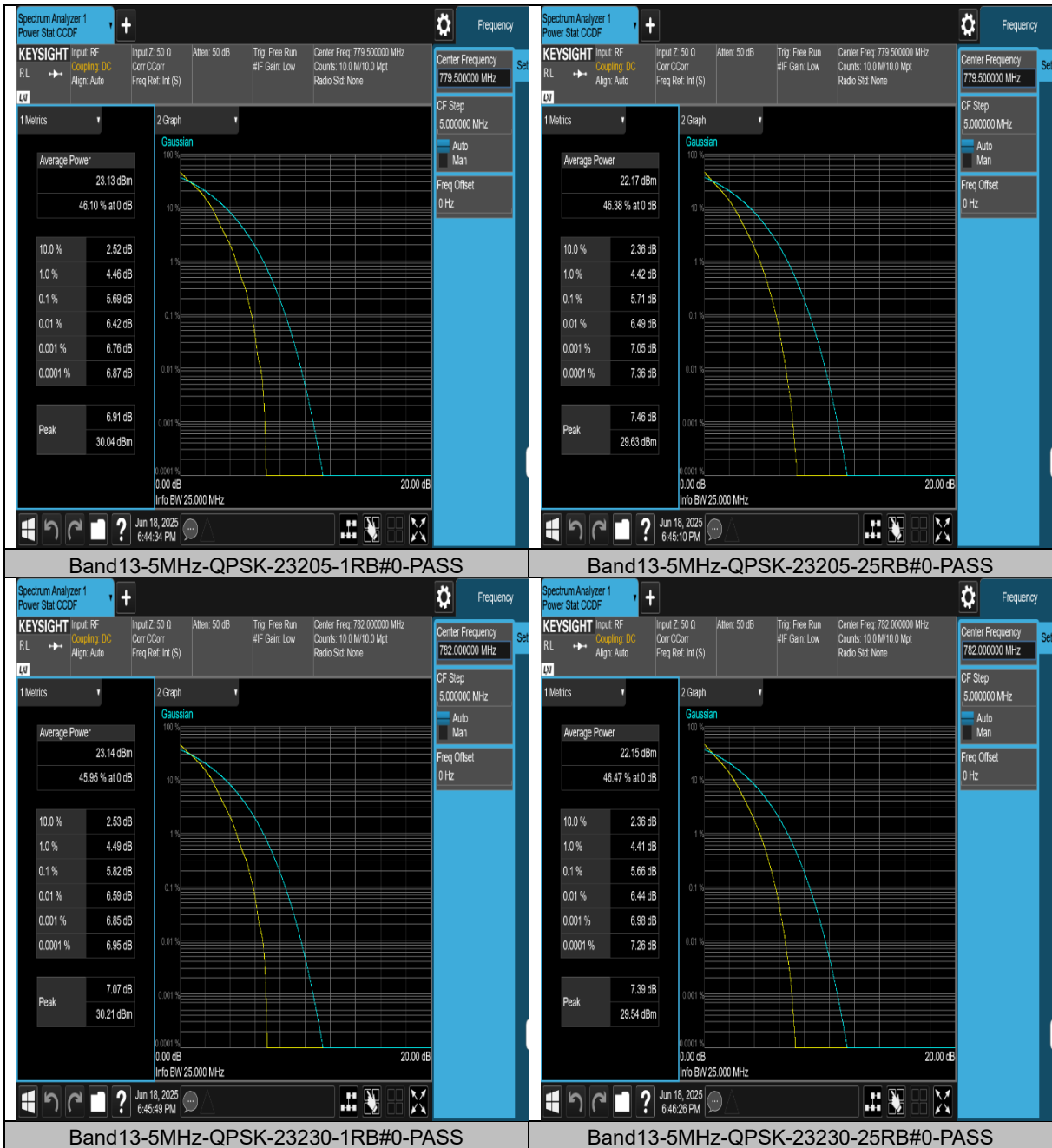
PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	5.69	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.71	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	5.82	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.66	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	5.61	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.58	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.96	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.33	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	6.13	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.30	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.98	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.23	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	5.56	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.56	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	6.31	13	PASS
Band13	10MHz	16QAM	23230	27RB#0	6.28	13	PASS

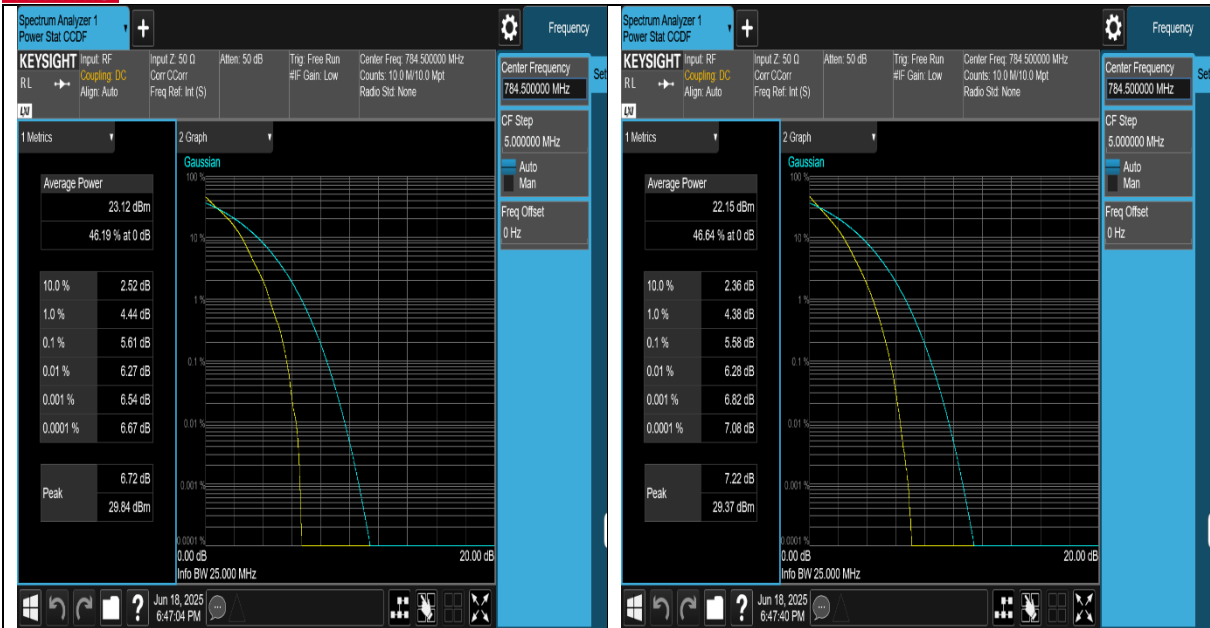


Test Graphs



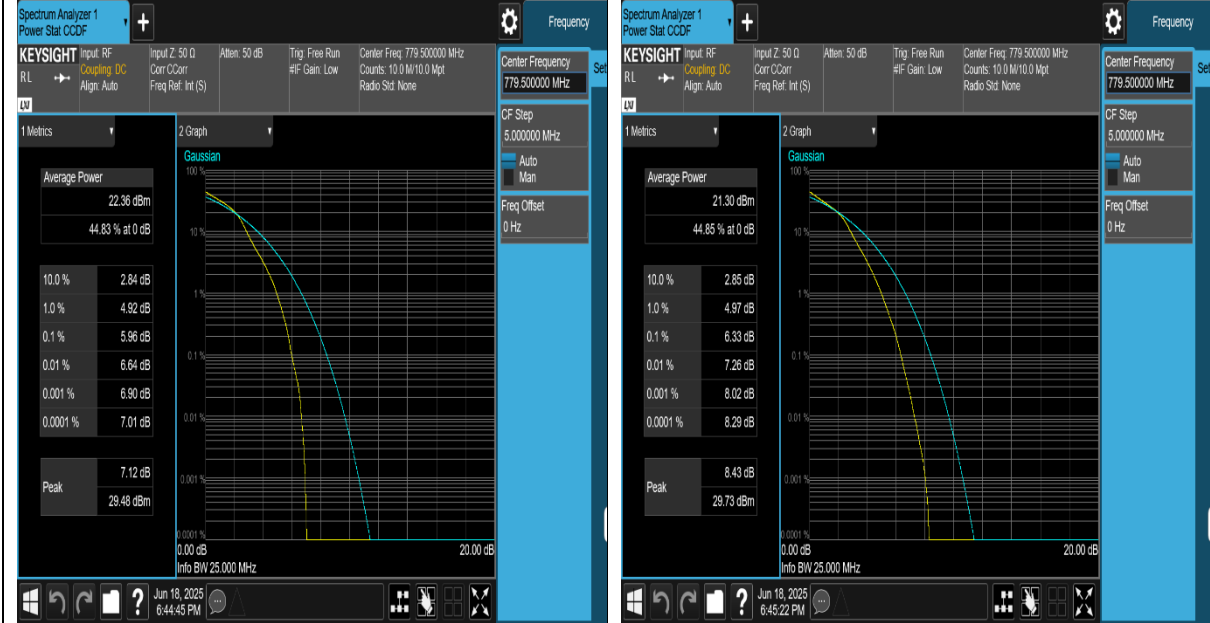


BUREAU VERITAS Test Report No.: PSU-QSU2506090109RF03



Band 13-5MHz-QPSK-23255-1RB#0-PASS

Band 13-5MHz-QPSK-23255-25RB#0-PASS

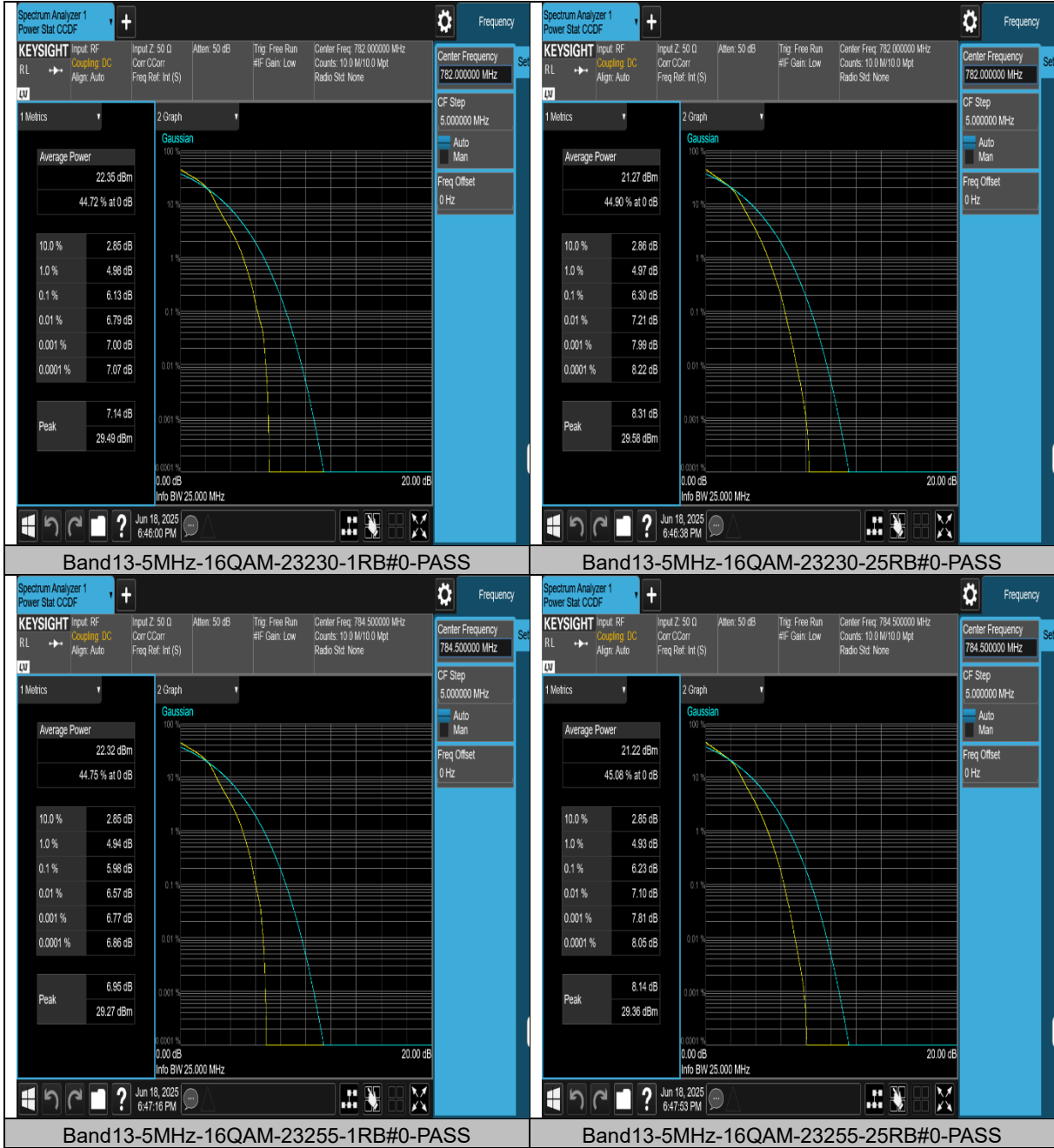


Band 13-5MHz-16QAM-23205-1RB#0-PASS

Band 13-5MHz-16QAM-23205-25RB#0-PASS



BUREAU VERITAS Test Report No.: PSU-QSU2506090109RF03





BUREAU VERITAS Test Report No.: PSU-QSU2506090109RF03

