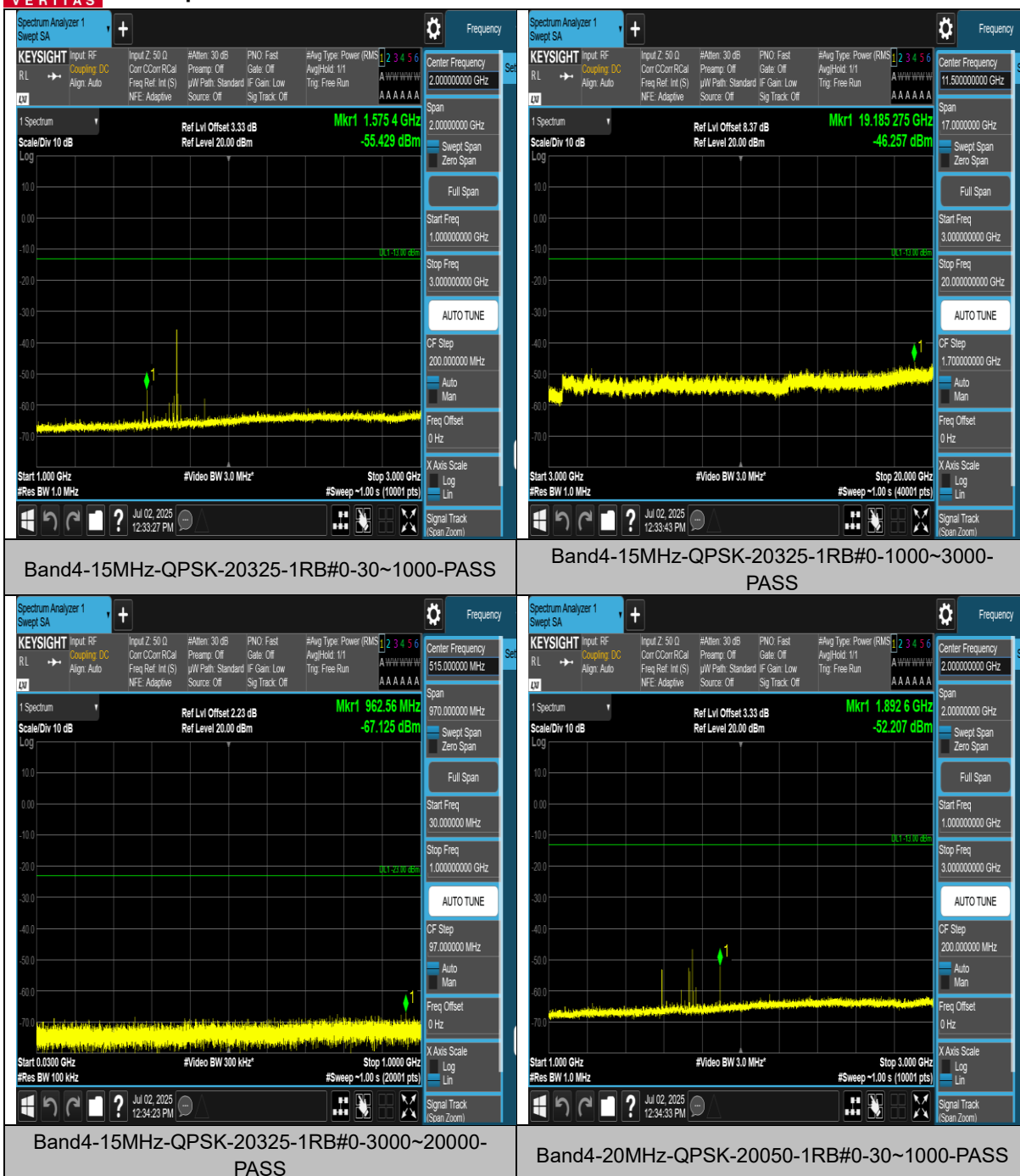


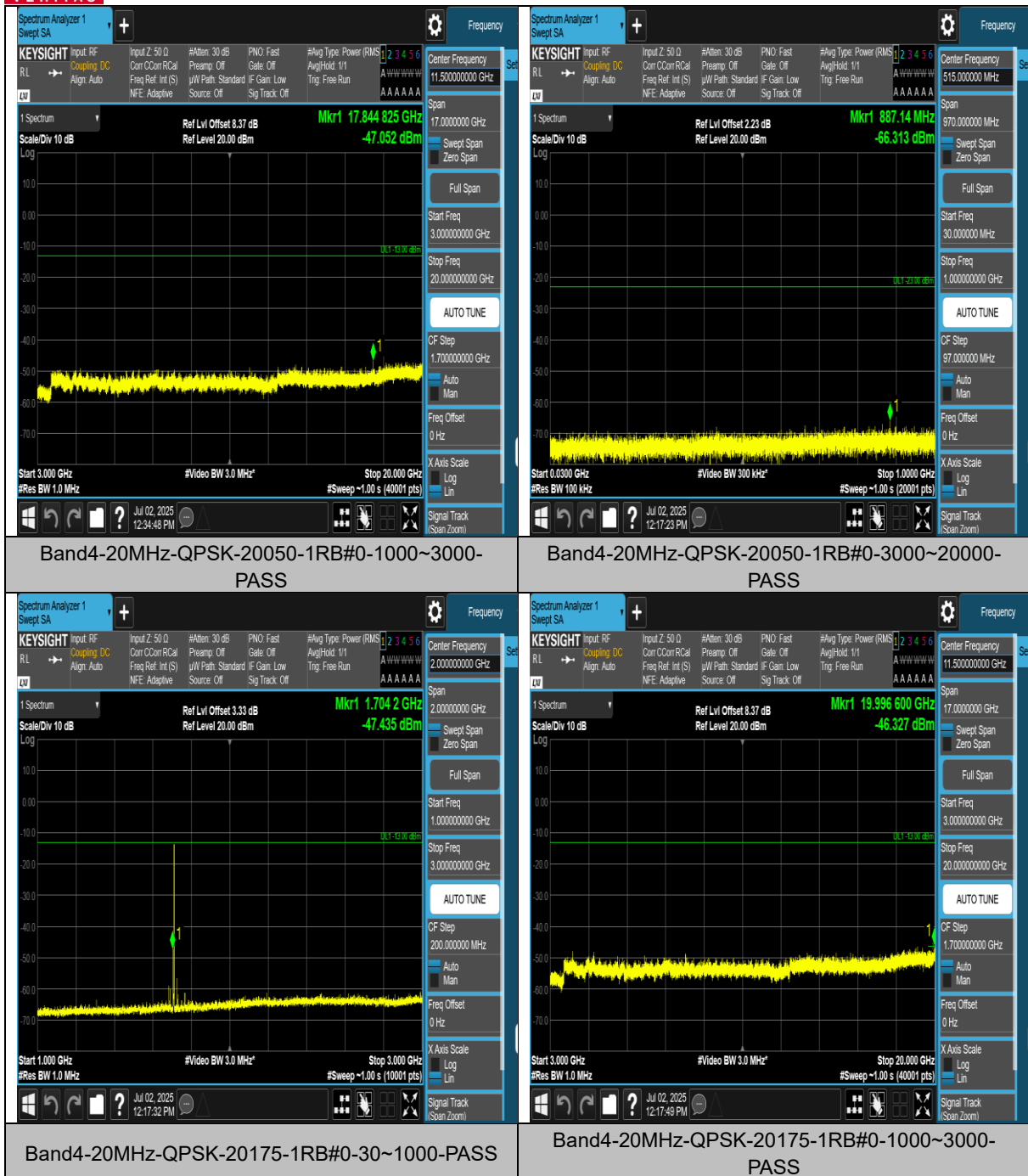


BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF03



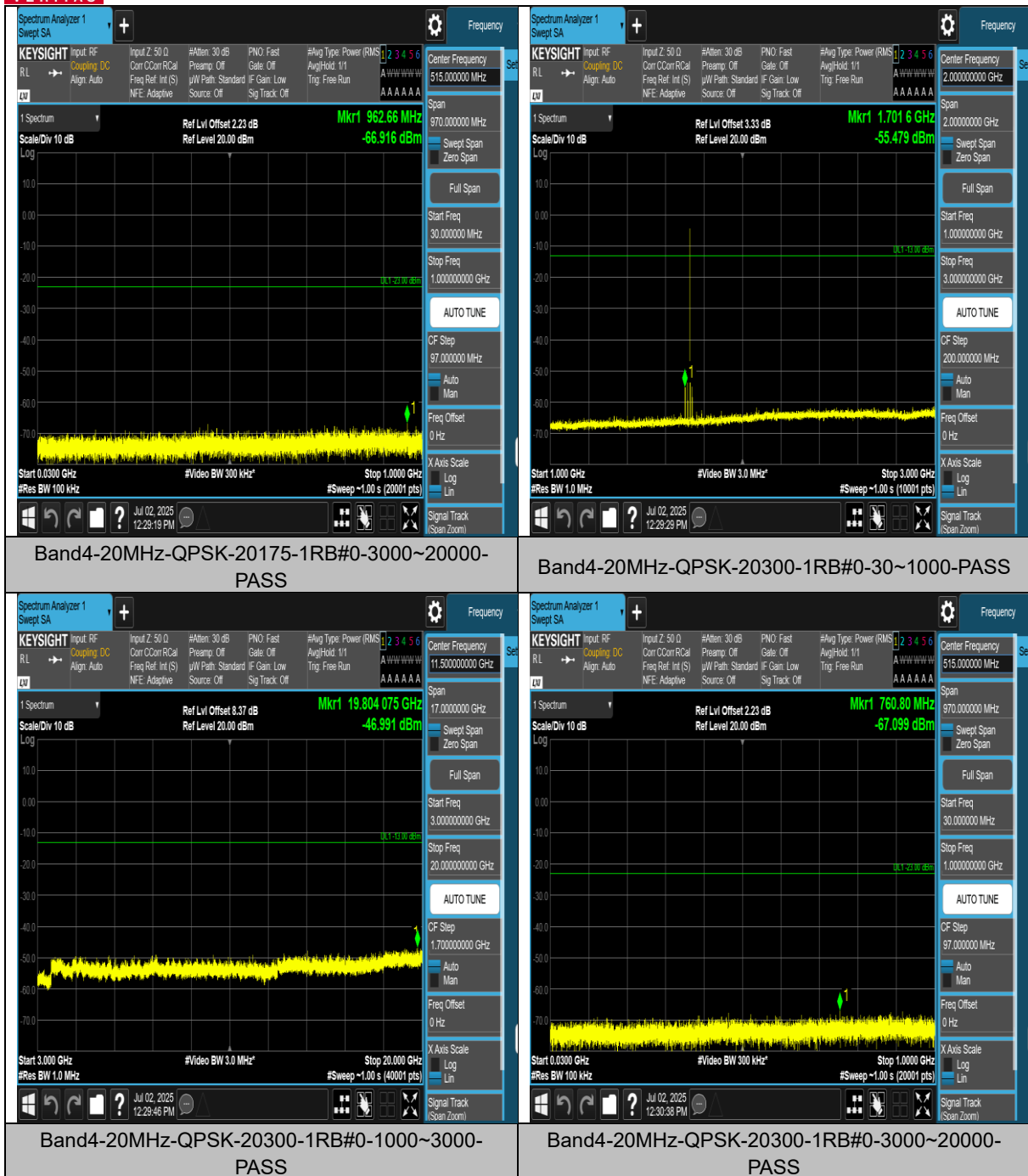


BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF03



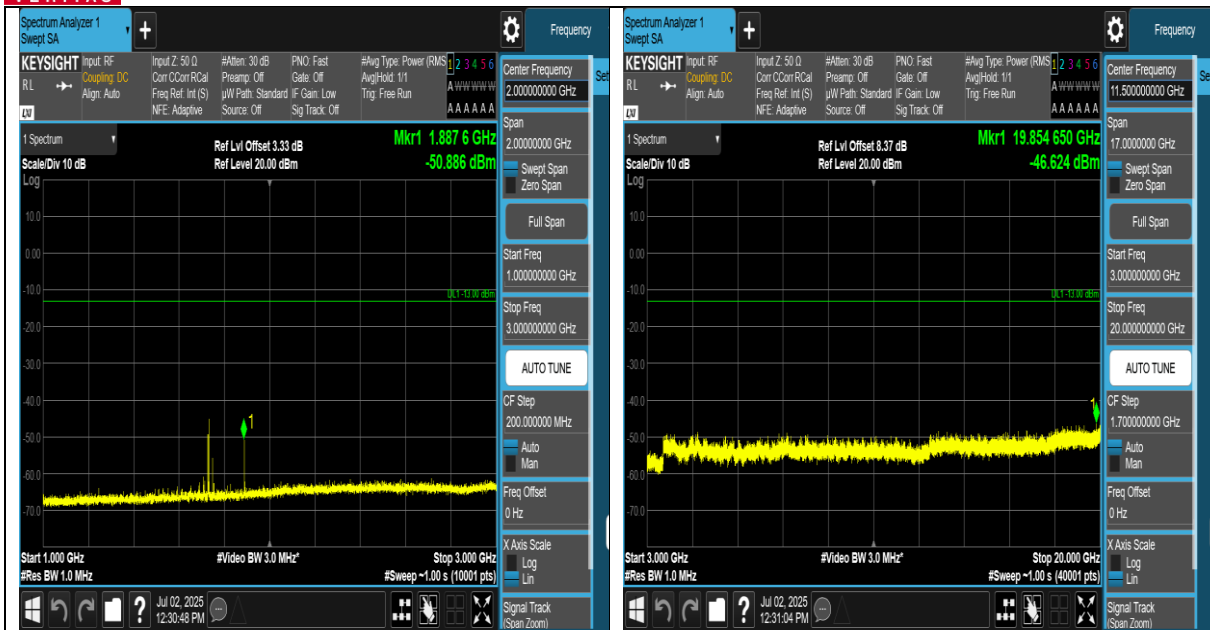


BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF03





BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF03





FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 4	10MHz	QPSK	20000	6RB#0	VN	NT	-3784.15	-2.206501	±2.5	PASS
Band 4	10MHz	QPSK	20000	6RB#0	VL	NT	-3785.72	-2.207417	±2.5	PASS
Band 4	10MHz	QPSK	20000	6RB#0	VH	NT	-3788.09	-2.208799	±2.5	PASS
Band 4	10MHz	QPSK	20175	6RB#0	VL	NT	-3784.6	-2.184473	±2.5	PASS
Band 4	10MHz	QPSK	20175	6RB#0	VH	NT	-3785.78	-2.185154	±2.5	PASS
Band 4	10MHz	QPSK	20175	6RB#0	VN	NT	-3721.02	-2.147775	±2.5	PASS
Band 4	10MHz	QPSK	20350	6RB#0	VN	NT	-3753.86	-2.145063	±2.5	PASS
Band 4	10MHz	QPSK	20350	6RB#0	VL	NT	-3765.07	-2.151469	±2.5	PASS
Band 4	10MHz	QPSK	20350	6RB#0	VH	NT	-3763.51	-2.150577	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 4	10MHz	QPSK	20000	6RB#0	NV	-30	-3792.04	-2.211102	±2.5	PASS
Band 4	10MHz	QPSK	20000	6RB#0	NV	-20	-3792.13	-2.211155	±2.5	PASS
Band 4	10MHz	QPSK	20000	6RB#0	NV	-10	-3788.99	-2.209324	±2.5	PASS
Band 4	10MHz	QPSK	20000	6RB#0	NV	0	-3788.65	-2.209125	±2.5	PASS
Band 4	10MHz	QPSK	20000	6RB#0	NV	10	-3787.45	-2.208426	±2.5	PASS
Band	10MHz	QPSK	20000	6RB#0	NV	20	-	-	±2.5	PASS



BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF03

4							3789.2 2	2.2094 58		
Band 4	10MHz	QPSK	20000	6RB#0	NV	30	- 3784.6 5	- 2.2067 93	±2.5	PASS
Band 4	10MHz	QPSK	20000	6RB#0	NV	40	- 3783.6 4	- 2.2062 04	±2.5	PASS
Band 4	10MHz	QPSK	20000	6RB#0	NV	50	- 3791.4 2	- 2.2107 41	±2.5	PASS
Band 4	10MHz	QPSK	20175	6RB#0	NV	-30	- 3782.5 9	- 2.1833 13	±2.5	PASS
Band 4	10MHz	QPSK	20175	6RB#0	NV	-20	- 3781.4 2	- 2.1826 38	±2.5	PASS
Band 4	10MHz	QPSK	20175	6RB#0	NV	-10	- 3785.5 6	- 2.1850 27	±2.5	PASS
Band 4	10MHz	QPSK	20175	6RB#0	NV	0	- 3783.9 5	- 2.1840 98	±2.5	PASS
Band 4	10MHz	QPSK	20175	6RB#0	NV	10	- 3784.9 2	- 2.1846 58	±2.5	PASS
Band 4	10MHz	QPSK	20175	6RB#0	NV	20	- 3784.8 9	- 2.1846 41	±2.5	PASS
Band 4	10MHz	QPSK	20175	6RB#0	NV	30	- 3785.7 7	- 2.1851 49	±2.5	PASS
Band 4	10MHz	QPSK	20175	6RB#0	NV	40	- 3784.7 3	- 2.1845 48	±2.5	PASS
Band 4	10MHz	QPSK	20175	6RB#0	NV	50	- 3787.6 6	- 2.1862 40	±2.5	PASS
Band 4	10MHz	QPSK	20350	6RB#0	NV	-30	- 3758.4 3	- 2.1476 74	±2.5	PASS
Band 4	10MHz	QPSK	20350	6RB#0	NV	-20	- 3762.7 4	- 2.1501 37	±2.5	PASS
Band 4	10MHz	QPSK	20350	6RB#0	NV	-10	- 3749.1 3	- 2.1423 60	±2.5	PASS
Band 4	10MHz	QPSK	20350	6RB#0	NV	0	- 3764.8 8	- 2.1513 60	±2.5	PASS
Band 4	10MHz	QPSK	20350	6RB#0	NV	10	- 3747.2 8	- 2.1413 03	±2.5	PASS
Band 4	10MHz	QPSK	20350	6RB#0	NV	20	- 3758.5	- 2.1477	±2.5	PASS



BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF03

							1	20		
Band 4	10MHz	QPSK	20350	6RB#0	NV	30	- 3761.0 5	- 2.1491 71	±2.5	PASS
Band 4	10MHz	QPSK	20350	6RB#0	NV	40	- 3762.5 8	- 2.1500 46	±2.5	PASS
Band 4	10MHz	QPSK	20350	6RB#0	NV	50	-3753.3	- 2.1447 43	±2.5	PASS



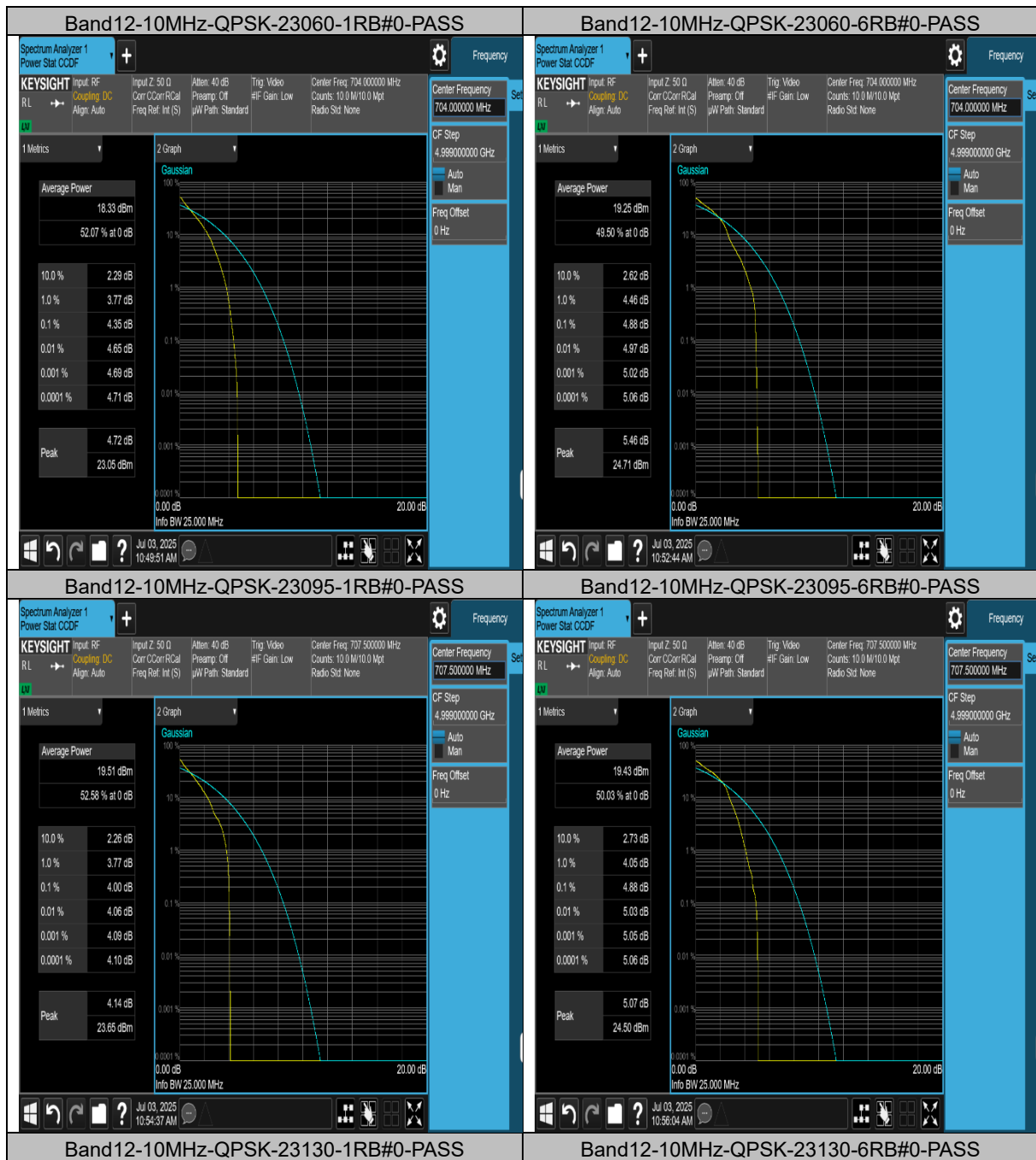
PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	1RB#0	4.35	13	PASS
Band12	10MHz	QPSK	23060	6RB#0	4.88	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.00	13	PASS
Band12	10MHz	QPSK	23095	6RB#0	4.88	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.13	13	PASS
Band12	10MHz	QPSK	23130	6RB#0	4.89	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	4.95	13	PASS
Band12	10MHz	16QAM	23060	6RB#0	5.00	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.07	13	PASS
Band12	10MHz	16QAM	23095	6RB#0	5.05	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	4.92	13	PASS
Band12	10MHz	16QAM	23130	6RB#0	5.05	13	PASS

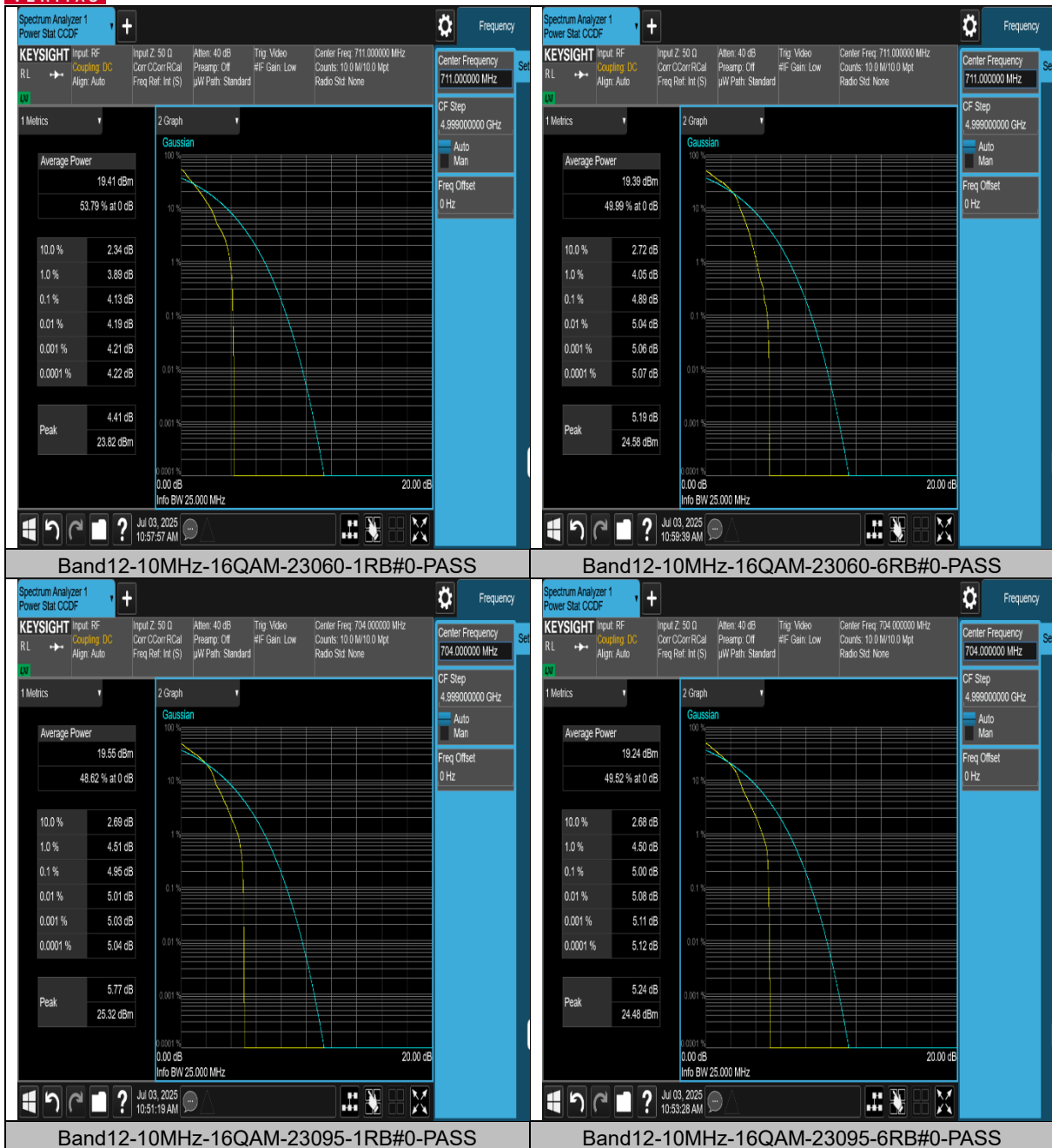


Test Graphs



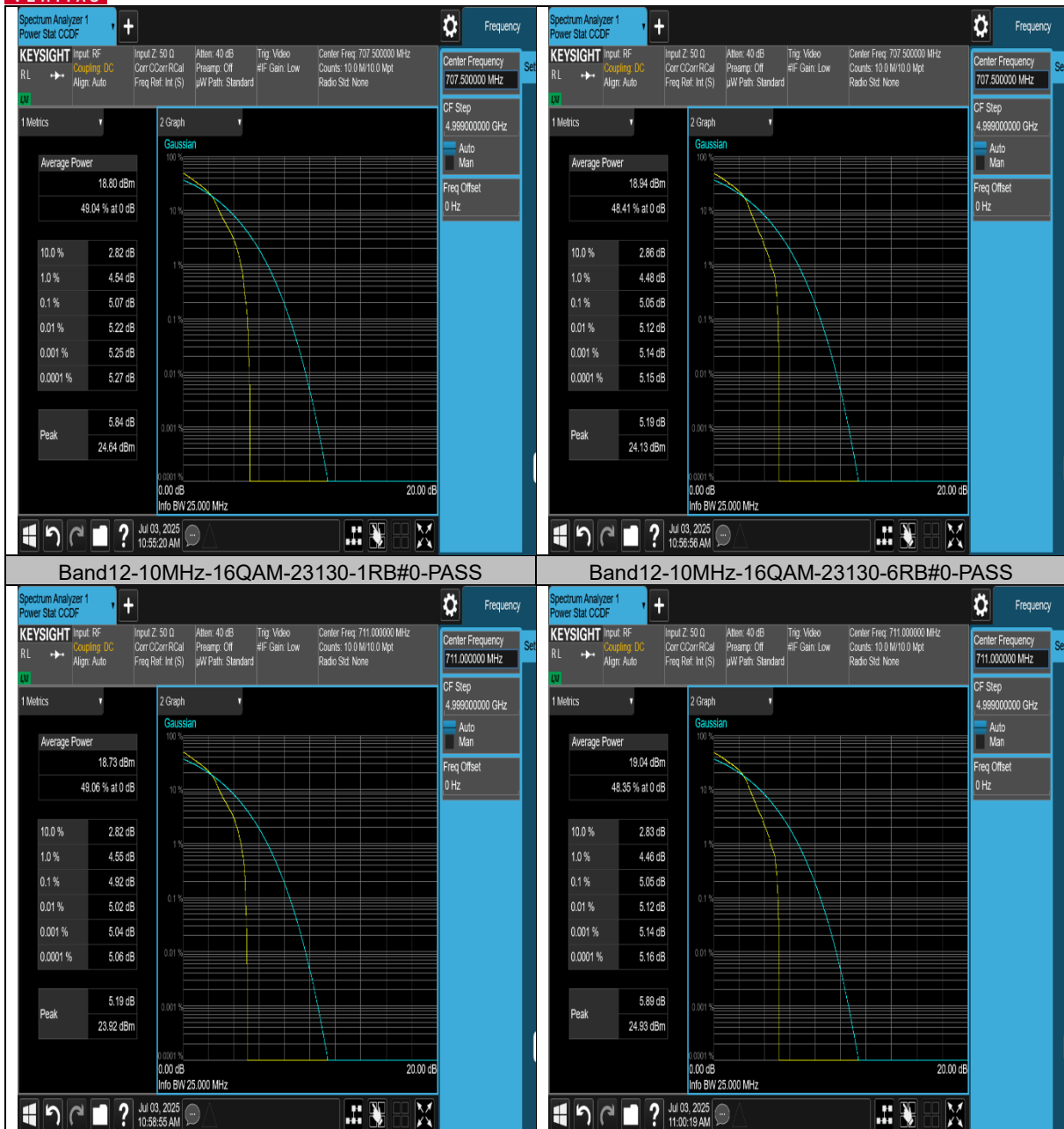


BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF03





BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF03

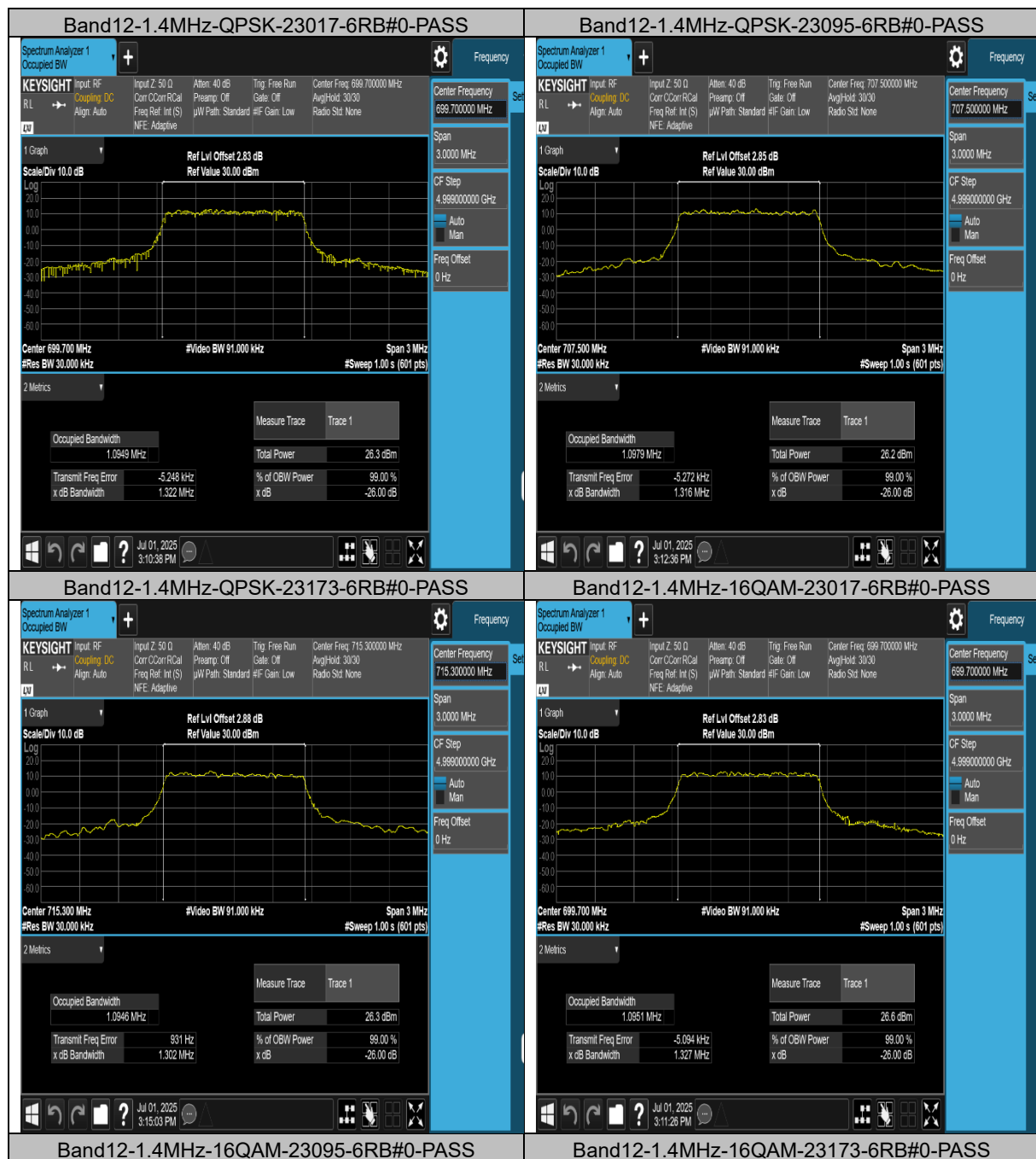


**26DB BANDWIDTH AND OCCUPIED BANDWIDTH****Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0949	1.322	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0979	1.316	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0946	1.302	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0951	1.327	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1025	1.352	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1016	1.317	PASS
Band12	3MHz	QPSK	23025	6RB#0	1.0908	1.265	PASS
Band12	3MHz	QPSK	23095	6RB#0	1.0892	1.282	PASS
Band12	3MHz	QPSK	23165	6RB#0	1.0892	1.284	PASS
Band12	3MHz	16QAM	23025	6RB#0	1.0939	1.301	PASS
Band12	3MHz	16QAM	23095	6RB#0	1.0905	1.283	PASS
Band12	3MHz	16QAM	23165	6RB#0	1.0898	1.284	PASS
Band12	5MHz	QPSK	23035	6RB#0	1.0884	1.275	PASS
Band12	5MHz	QPSK	23095	6RB#0	1.0916	1.287	PASS
Band12	5MHz	QPSK	23155	6RB#0	1.0917	1.286	PASS
Band12	5MHz	16QAM	23035	6RB#0	1.0939	1.297	PASS
Band12	5MHz	16QAM	23095	6RB#0	1.0943	1.289	PASS
Band12	5MHz	16QAM	23155	6RB#0	1.0854	1.274	PASS
Band12	10MHz	QPSK	23060	6RB#0	1.1190	1.312	PASS
Band12	10MHz	QPSK	23095	6RB#0	1.1216	1.310	PASS
Band12	10MHz	QPSK	23130	6RB#0	1.1181	1.310	PASS
Band12	10MHz	16QAM	23060	6RB#0	1.1136	1.315	PASS
Band12	10MHz	16QAM	23095	6RB#0	1.1149	1.314	PASS
Band12	10MHz	16QAM	23130	6RB#0	1.1139	1.315	PASS

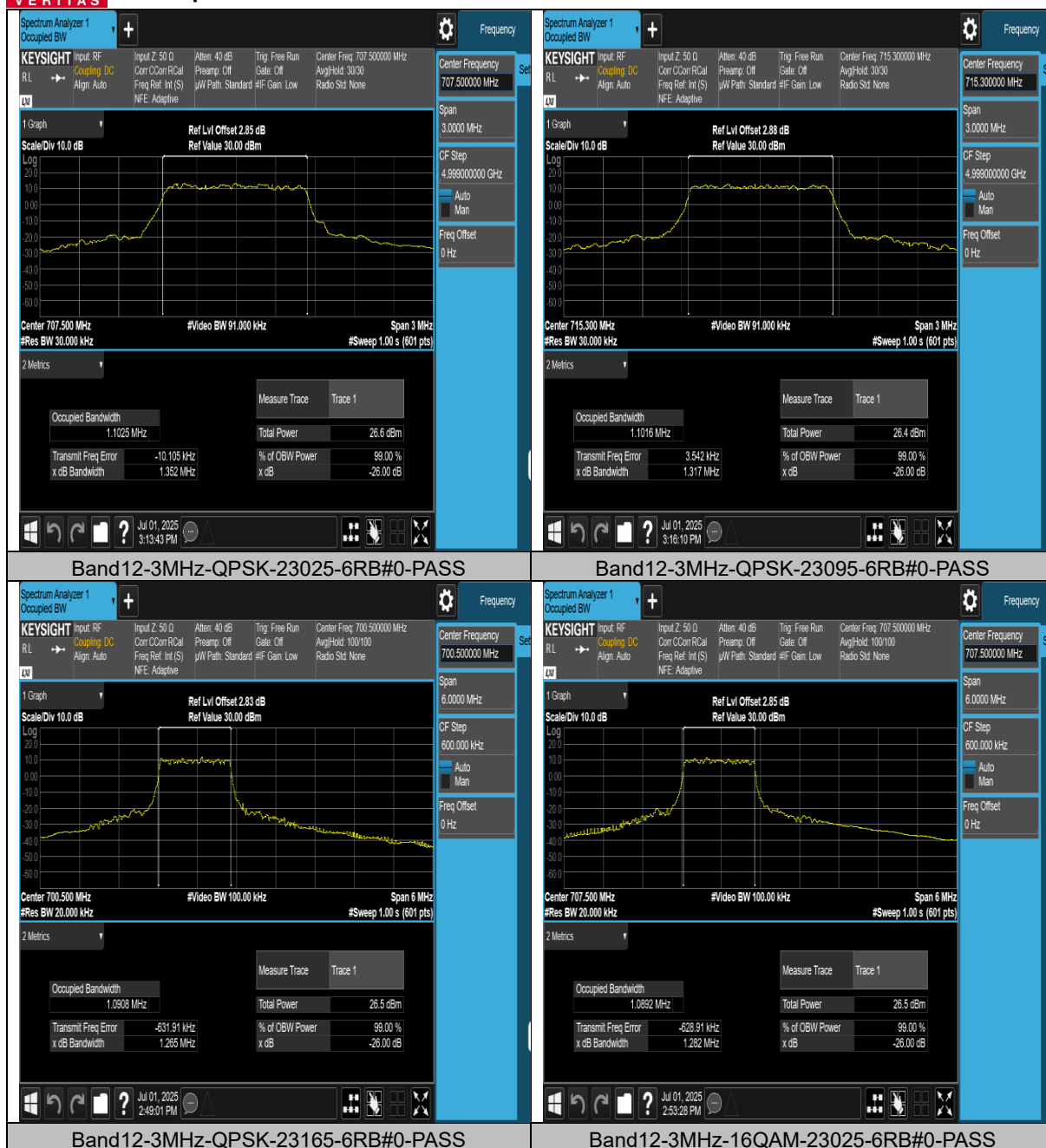


Test Graphs



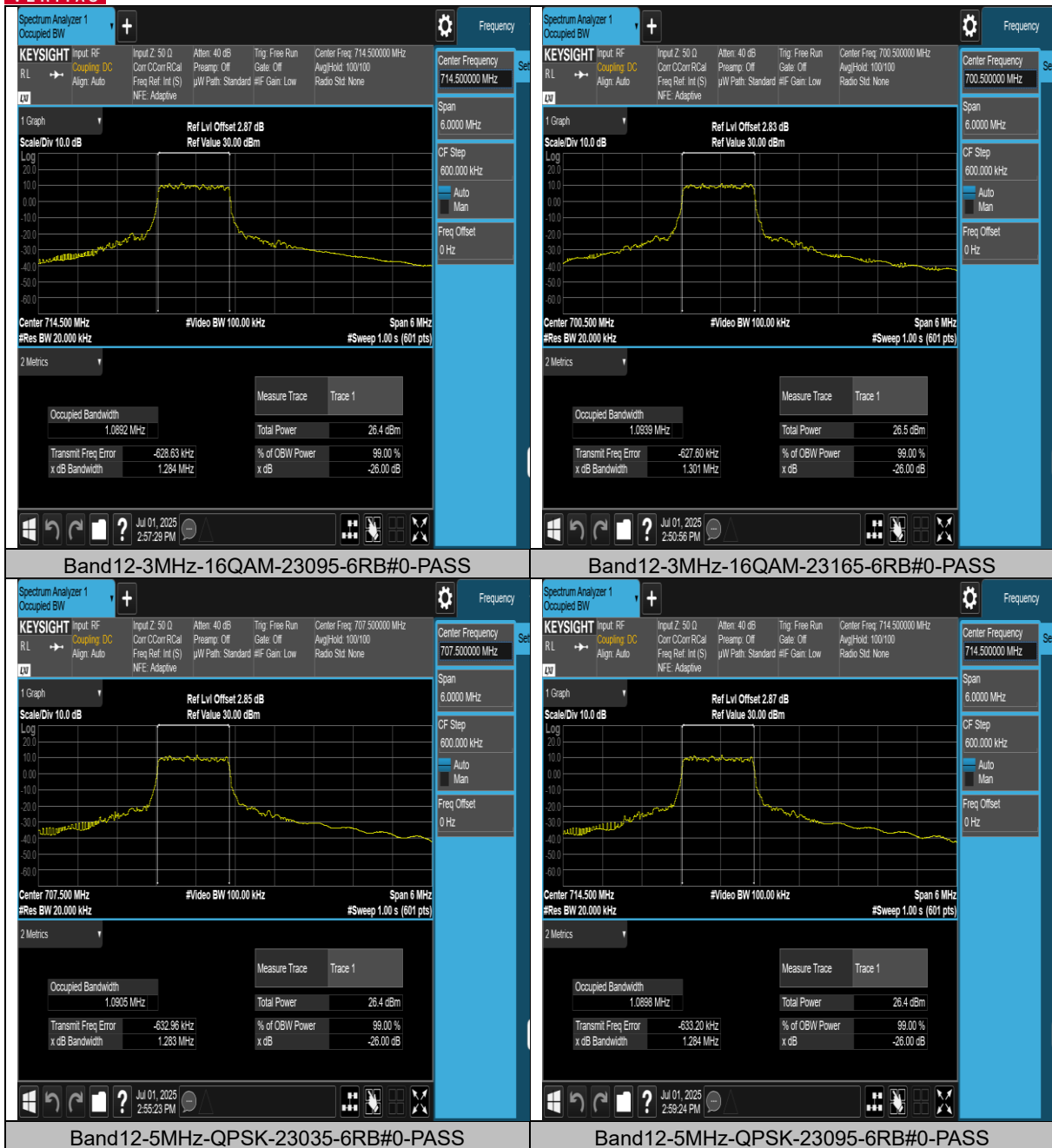


BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF03



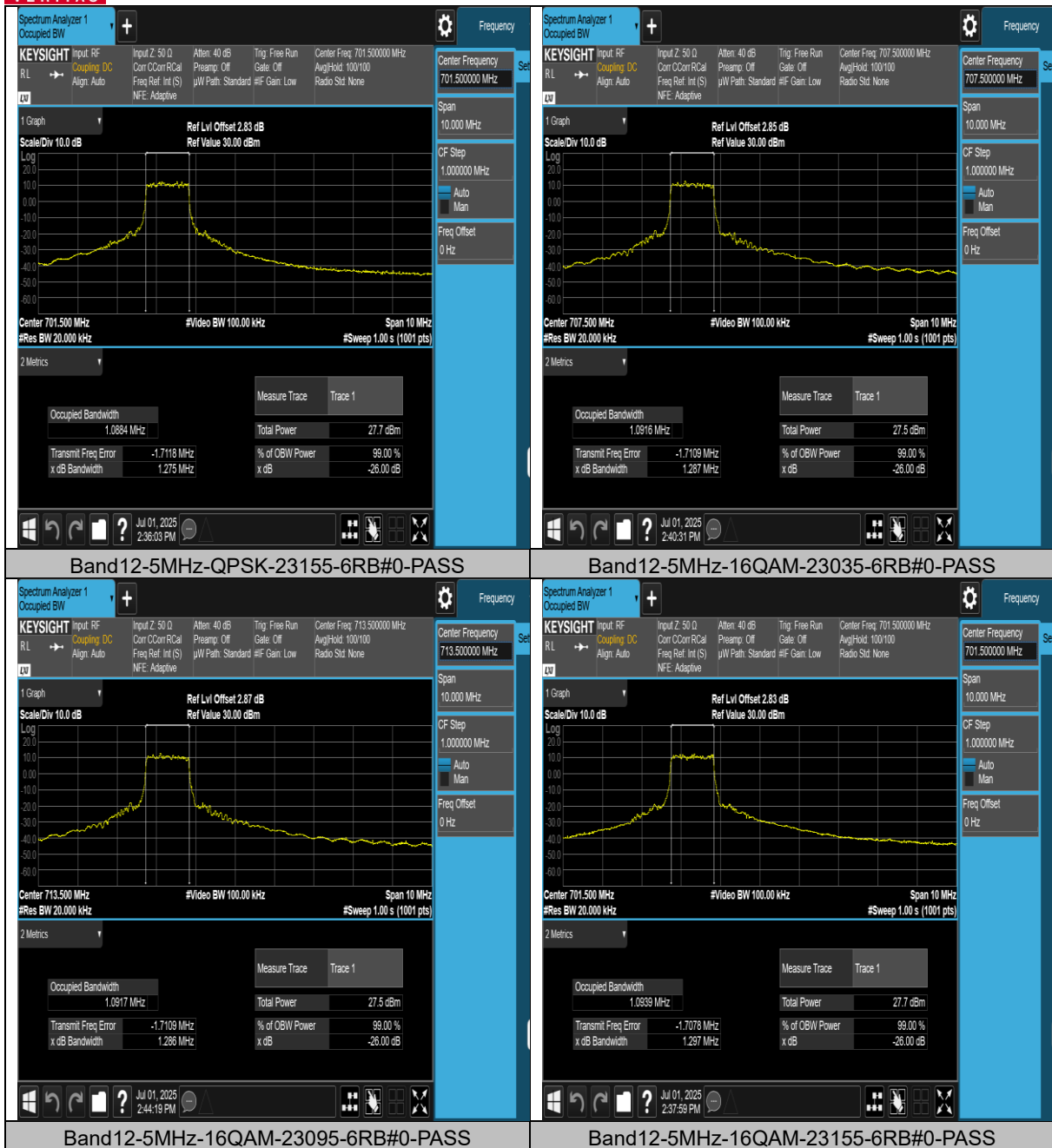


BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF03



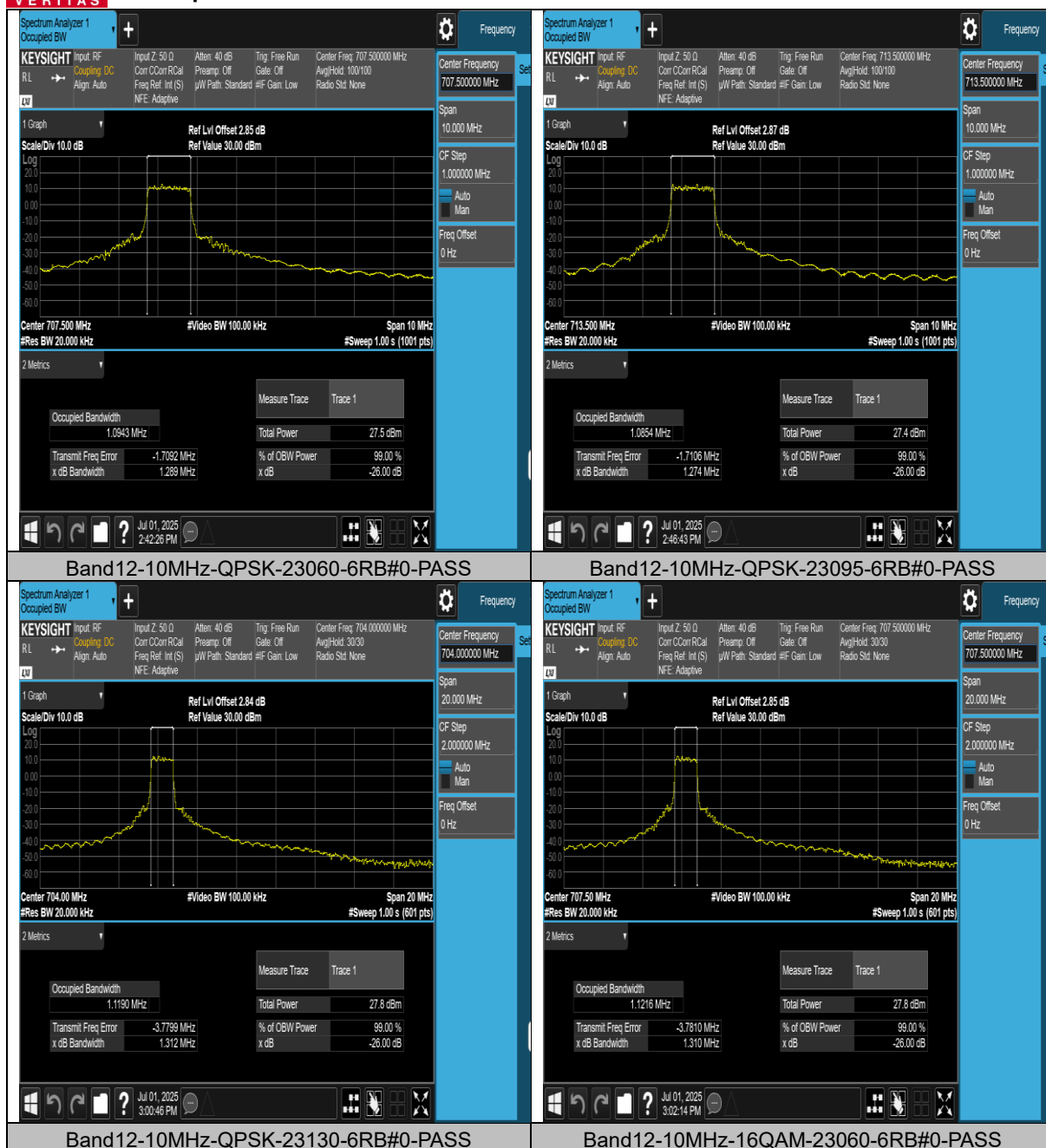


BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF03



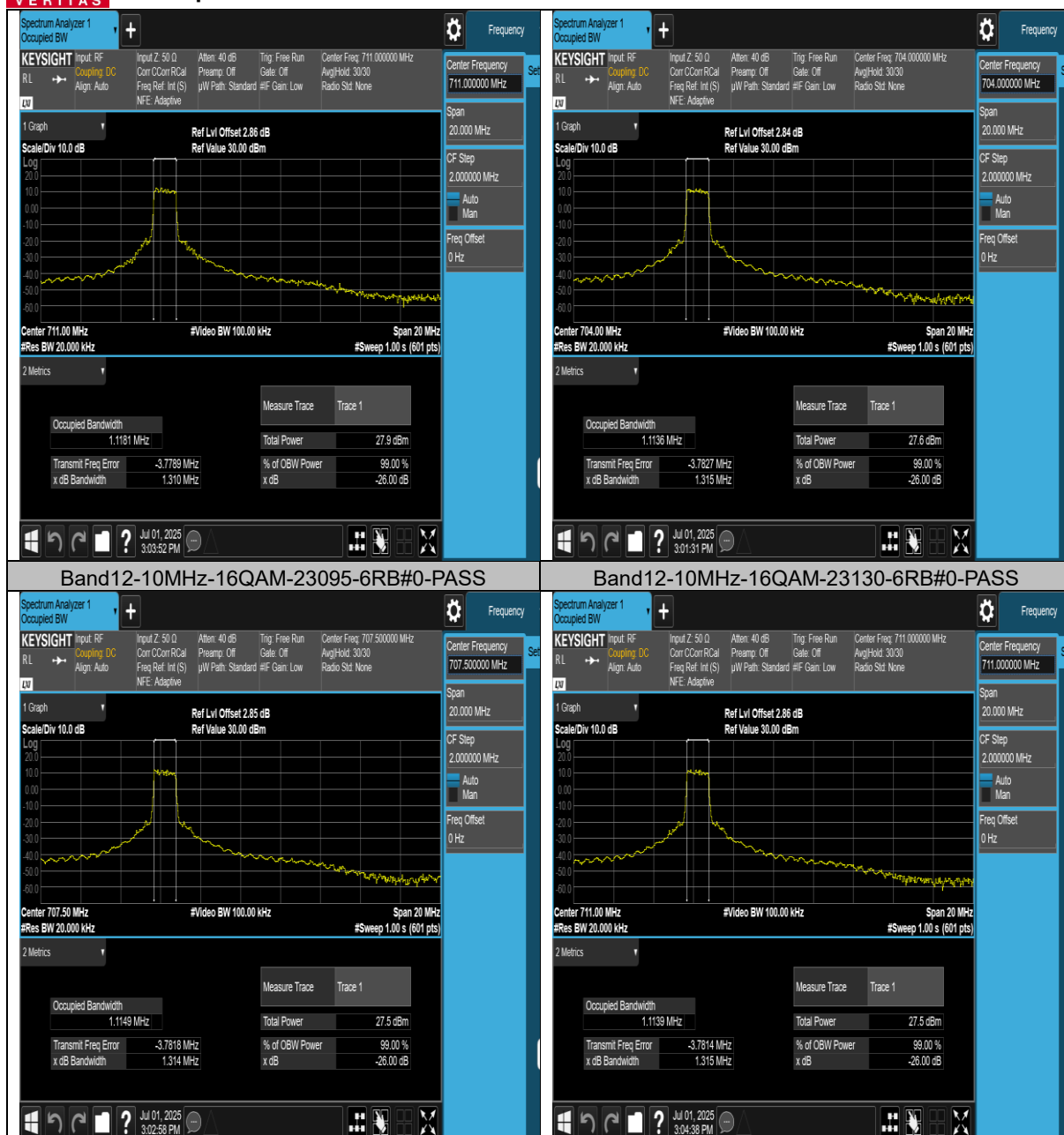


BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF03





BUREAU VERITAS Test Report No.: PSU-QSU2505080113RF03



**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	6RB#0	See Graph	PASS
Band12	3MHz	QPSK	23165	1RB#5	See Graph	PASS
Band12	3MHz	QPSK	23165	6RB#0	See Graph	PASS
Band12	3MHz	16QAM	23025	1RB#0	See Graph	PASS
Band12	3MHz	16QAM	23025	6RB#0	See Graph	PASS
Band12	3MHz	16QAM	23165	1RB#5	See Graph	PASS
Band12	3MHz	16QAM	23165	6RB#0	See Graph	PASS
Band12	5MHz	QPSK	23035	1RB#0	See Graph	PASS
Band12	5MHz	QPSK	23035	6RB#0	See Graph	PASS
Band12	5MHz	QPSK	23155	1RB#5	See Graph	PASS
Band12	5MHz	QPSK	23155	6RB#0	See Graph	PASS
Band12	5MHz	16QAM	23035	1RB#0	See Graph	PASS
Band12	5MHz	16QAM	23035	6RB#0	See Graph	PASS
Band12	5MHz	16QAM	23155	1RB#5	See Graph	PASS
Band12	5MHz	16QAM	23155	6RB#0	See Graph	PASS
Band12	10MHz	QPSK	23060	1RB#0	See Graph	PASS
Band12	10MHz	QPSK	23060	6RB#0	See Graph	PASS
Band12	10MHz	QPSK	23130	1RB#5	See Graph	PASS
Band12	10MHz	QPSK	23130	6RB#0	See Graph	PASS
Band12	10MHz	16QAM	23060	1RB#0	See Graph	PASS
Band12	10MHz	16QAM	23060	6RB#0	See Graph	PASS
Band12	10MHz	16QAM	23130	1RB#5	See Graph	PASS
Band12	10MHz	16QAM	23130	6RB#0	See Graph	PASS