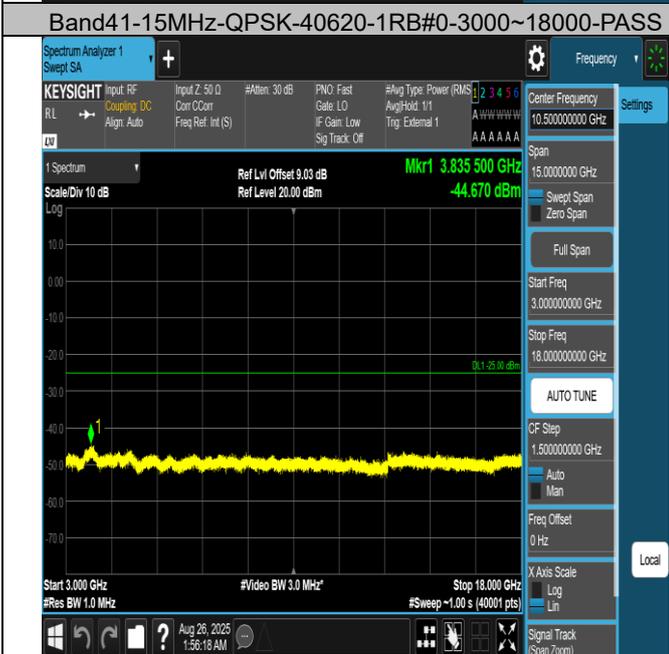
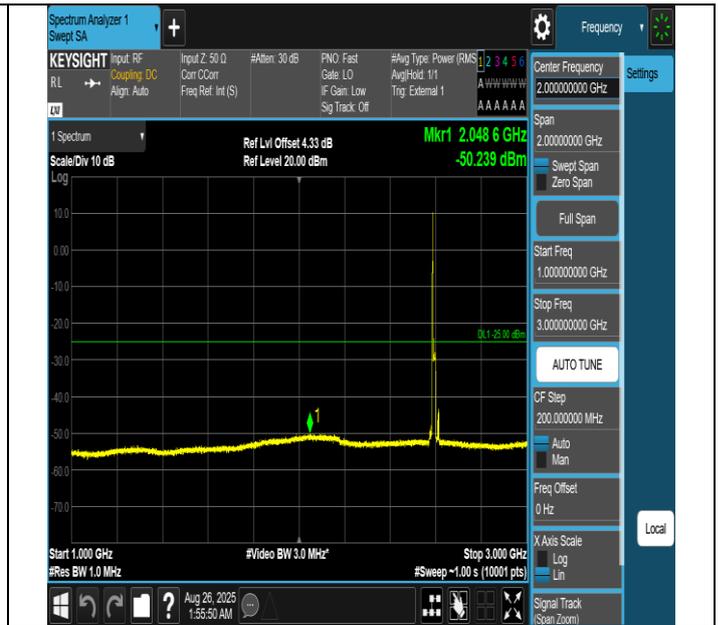
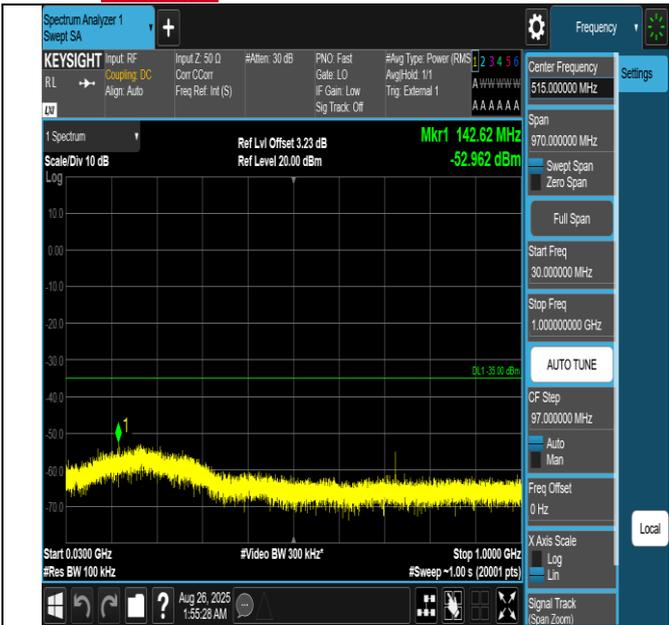




BUREAU VERITAS

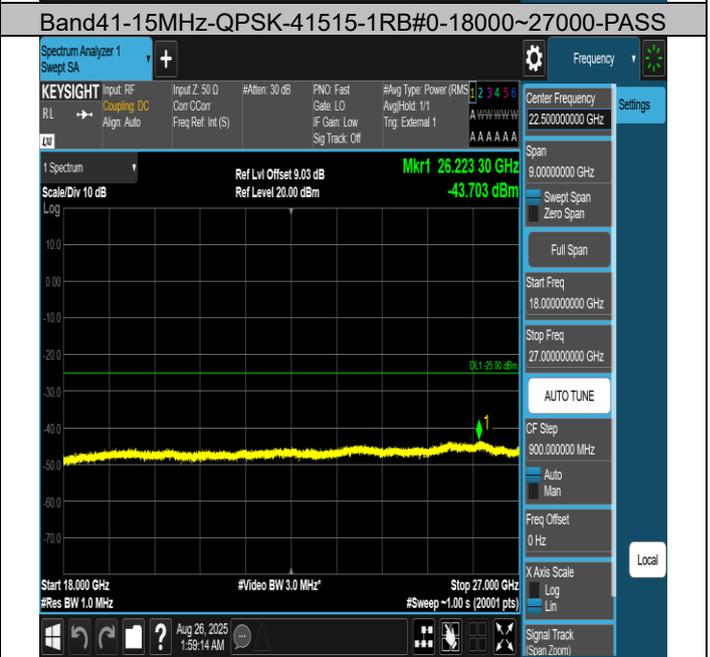
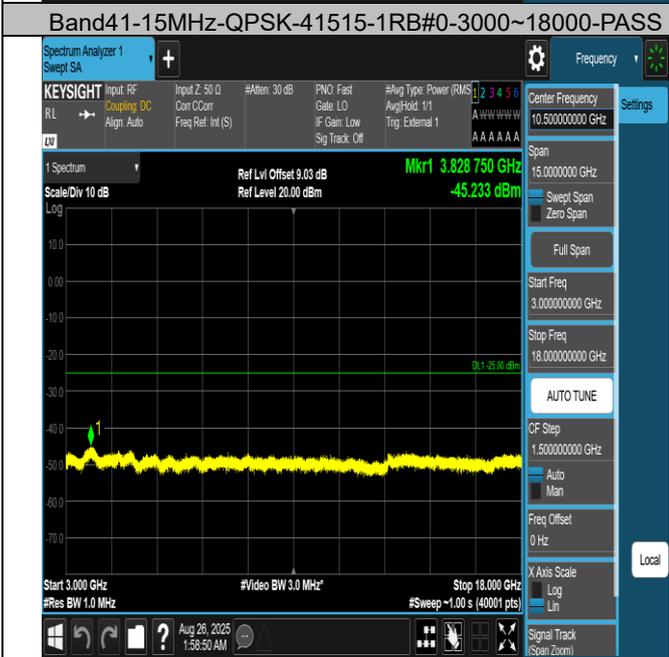
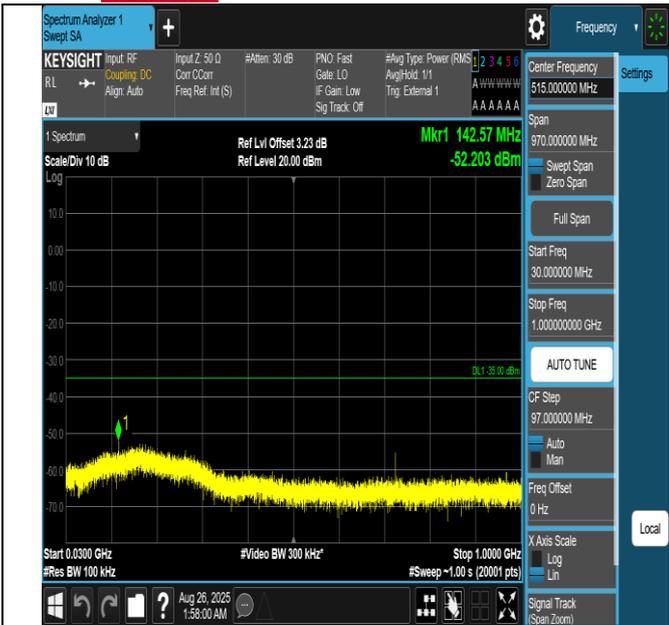
Test Report No.: PSU-QBJ2508070215RF04





BUREAU VERITAS

Test Report No.: PSU-QBJ2508070215RF04



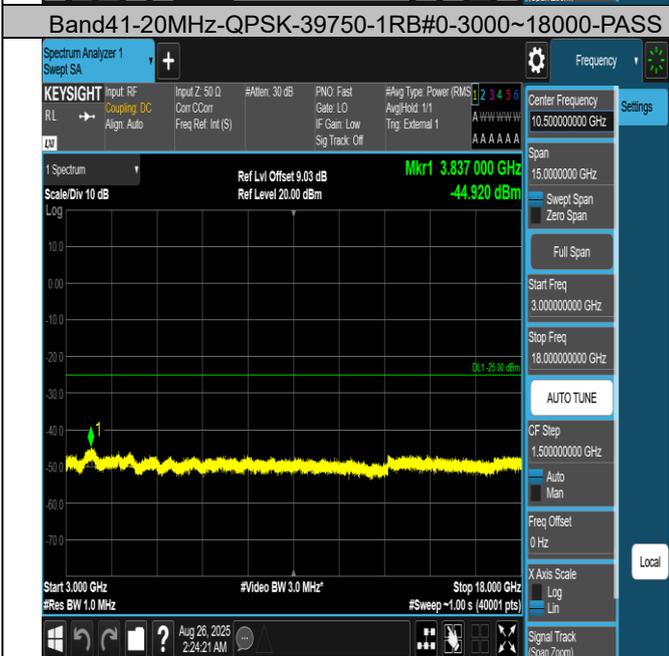
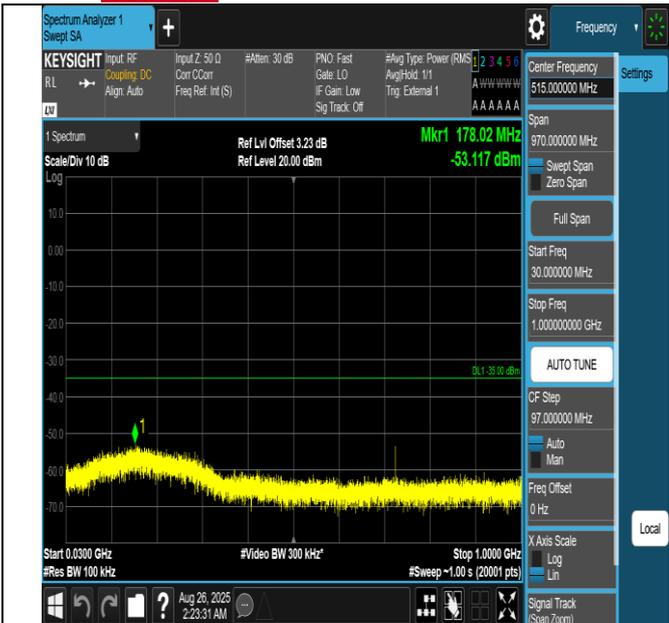
Band41-20MHz-QPSK-39750-1RB#0-30~1000-PASS

Band41-20MHz-QPSK-39750-1RB#0-1000~3000-PASS



BUREAU VERITAS

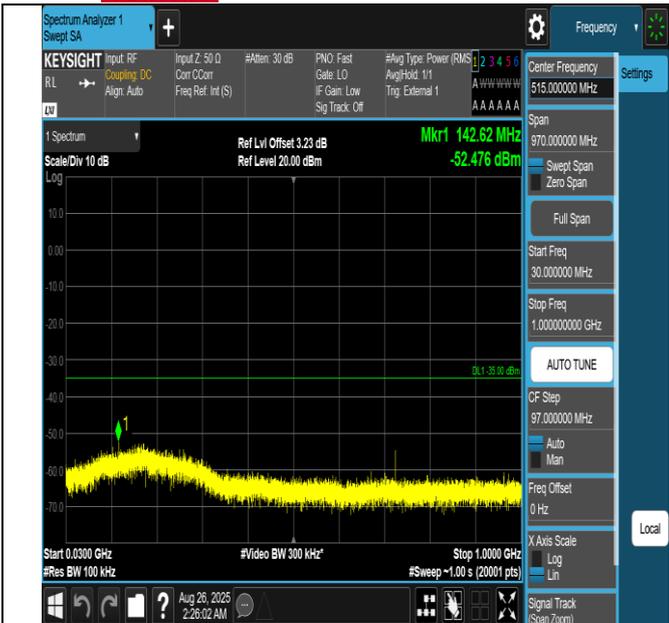
Test Report No.: PSU-QBJ2508070215RF04





BUREAU VERITAS

Test Report No.: PSU-QBJ2508070215RF04



Band41-20MHz-QPSK-40620-1RB#0-3000~18000-PASS

Band41-20MHz-QPSK-40620-1RB#0-18000~27000-PASS



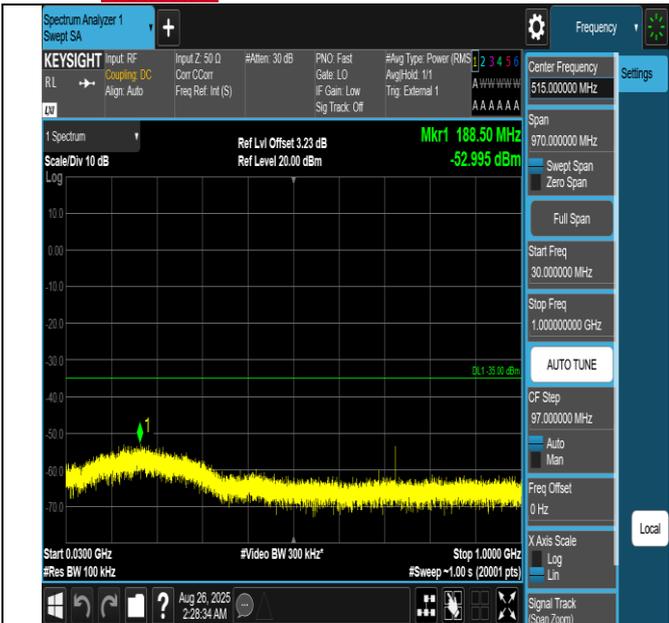
Band41-20MHz-QPSK-41490-1RB#0-30~1000-PASS

Band41-20MHz-QPSK-41490-1RB#0-1000~3000-PASS



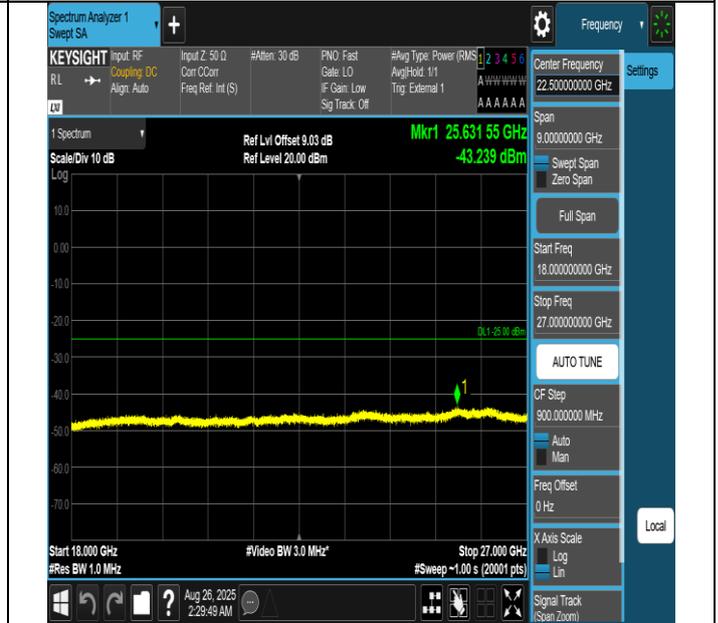
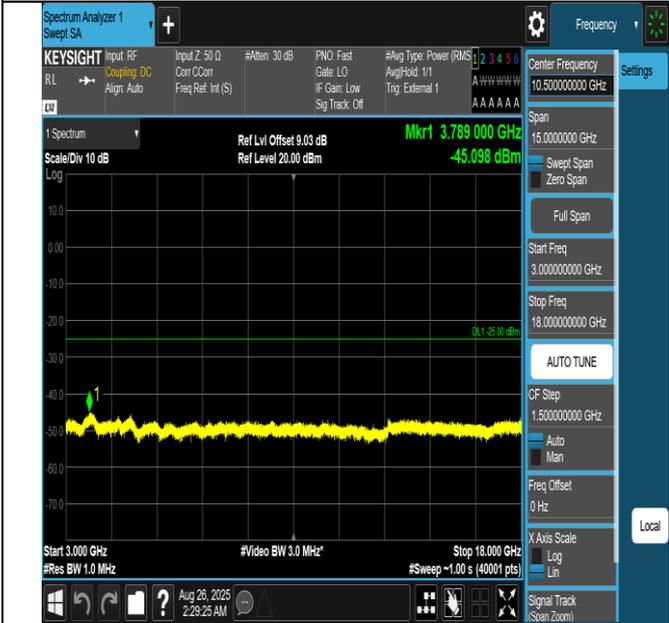
BUREAU VERITAS

Test Report No.: PSU-QBJ2508070215RF04



Band41-20MHz-QPSK-41490-1RB#0-3000~18000-PASS

Band41-20MHz-QPSK-41490-1RB#0-18000~27000-PASS





APPENDIX : FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	10MHz	QPSK	39700	50RB#0	VN	NT	6130.00	2.451020	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VL	NT	6190.00	2.475010	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VH	NT	5860.00	2.343063	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VN	NT	-1390.00	-0.517691	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VL	NT	-1170.00	-0.435754	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VH	NT	-1290.00	-0.480447	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	10MHz	QPSK	39700	50RB#0	NV	-30	5820.00	2.327069	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-20	5710.00	2.283087	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-10	5590.00	2.235106	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	6060.00	2.423031	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	5760.00	2.303079	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	5920.00	2.367053	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	5850.00	2.339064	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	5710.00	2.283087	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	50	5930.00	2.371052	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-30	-1120.00	-0.417132	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-20	-1480.00	-0.551210	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-10	-1310.00	-0.487896	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	-1220.00	-0.454376	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	10	-1000.00	-0.372439	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	-1290.00	-0.480447	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	-1480.00	-0.551210	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	-1150.00	-0.428305	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	50	-1280.00	-0.476723	±2.5	PASS



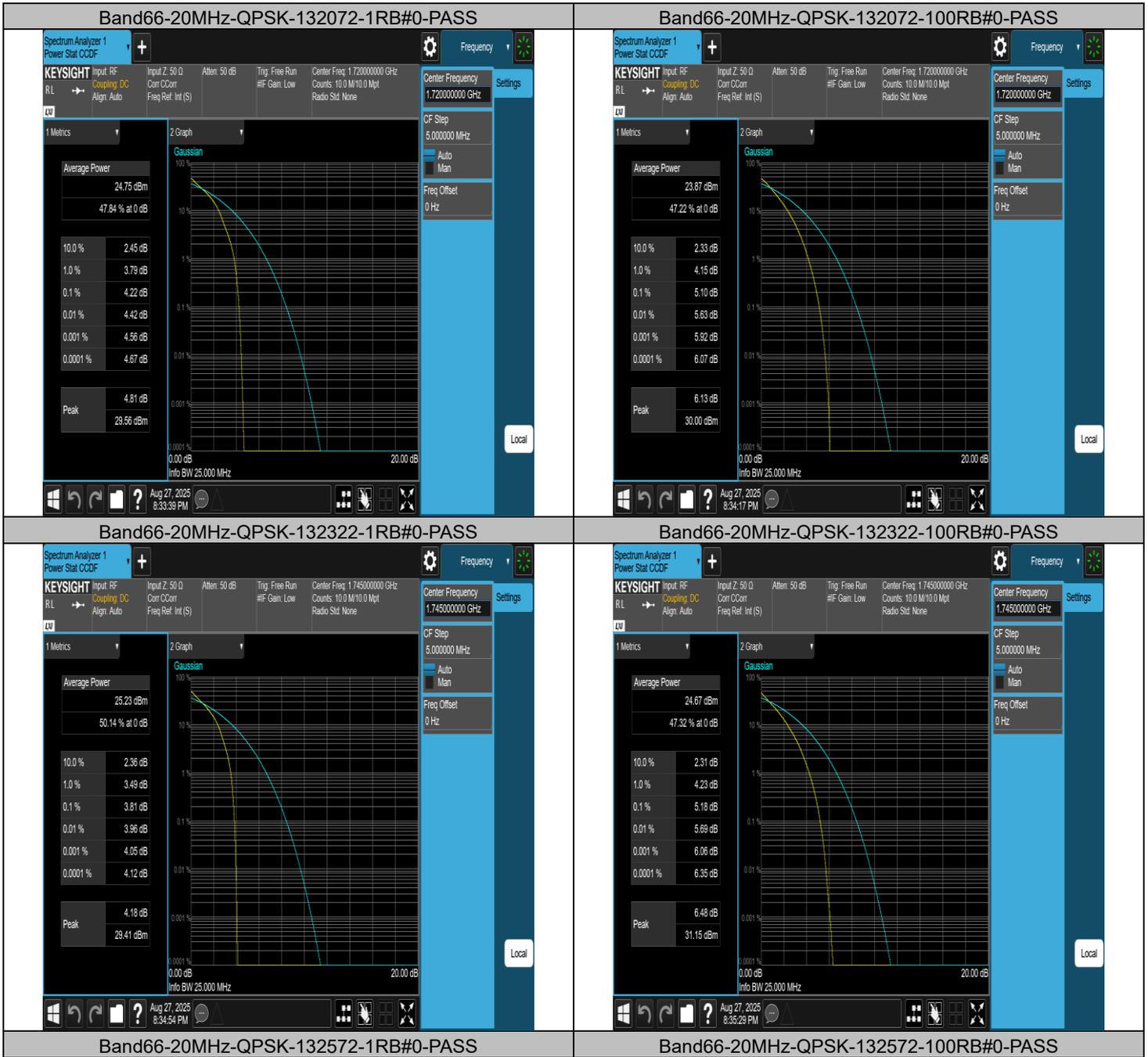
APPENDIX : PEAK-TO-AVERAGE RATIO(CCDF)

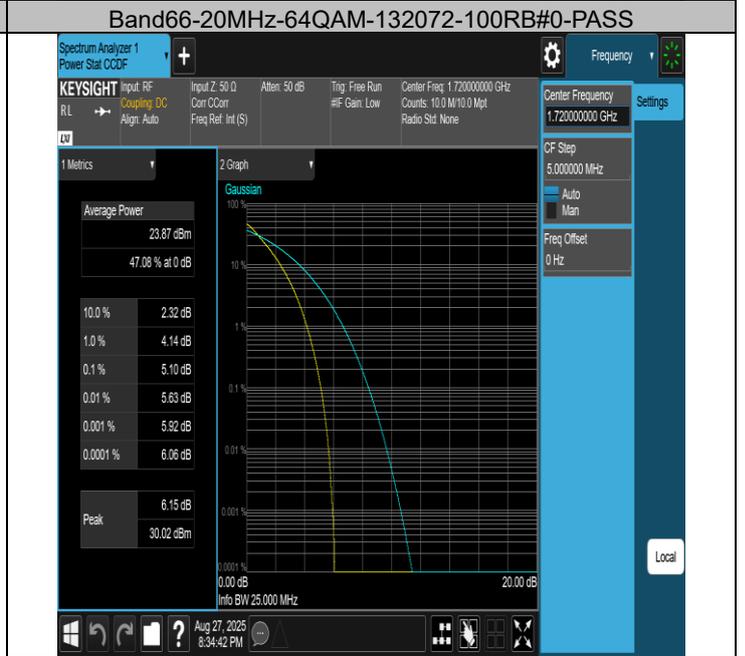
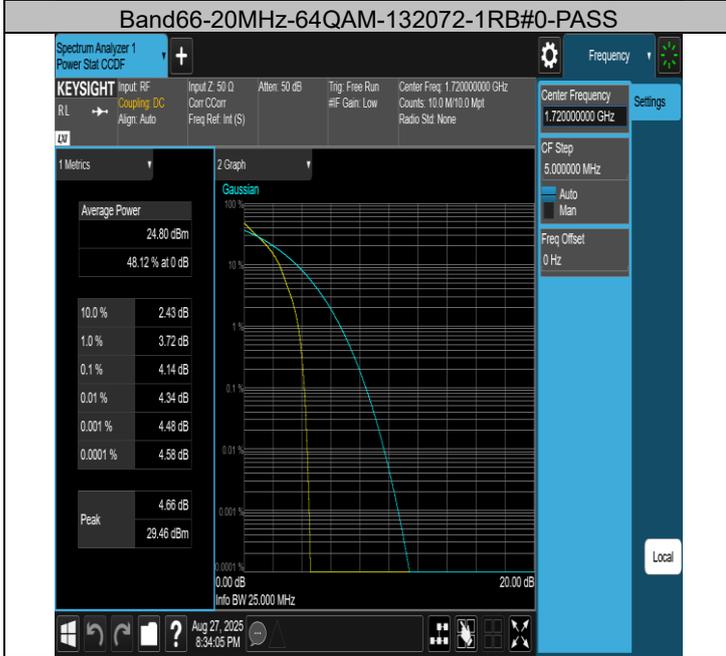
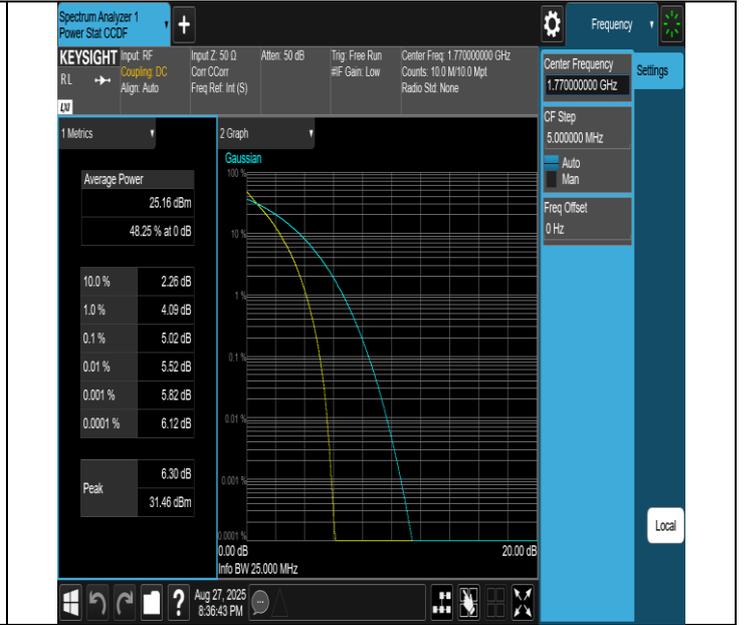
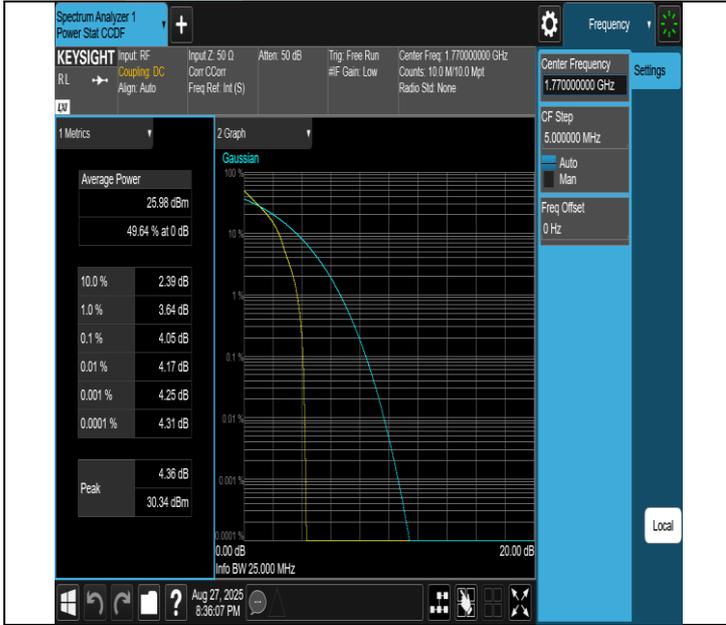
Test Result

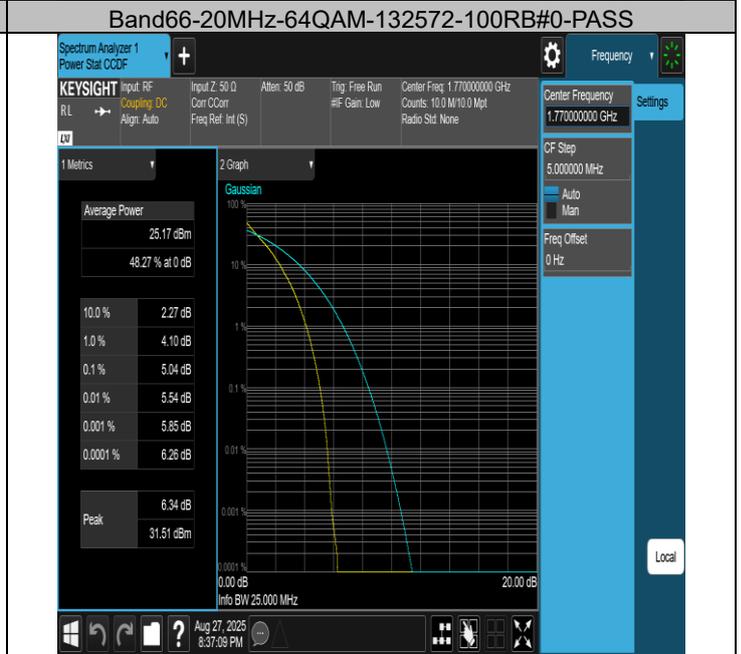
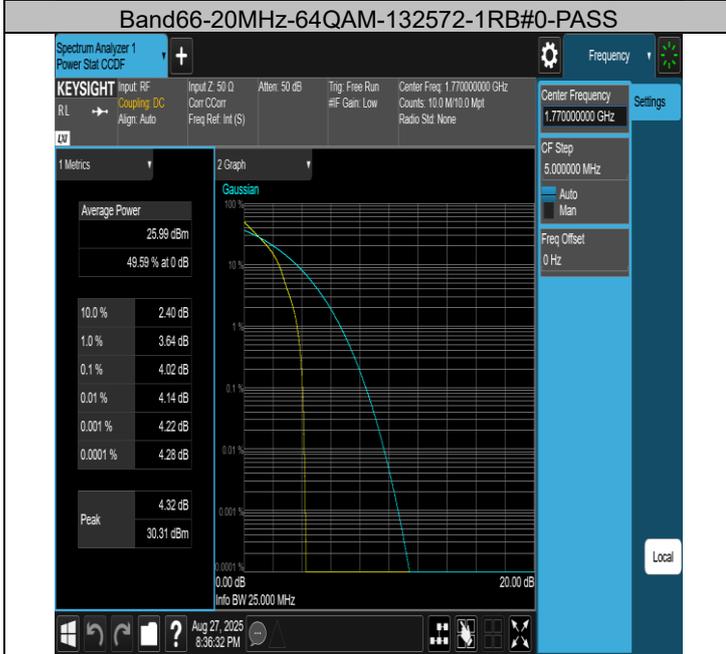
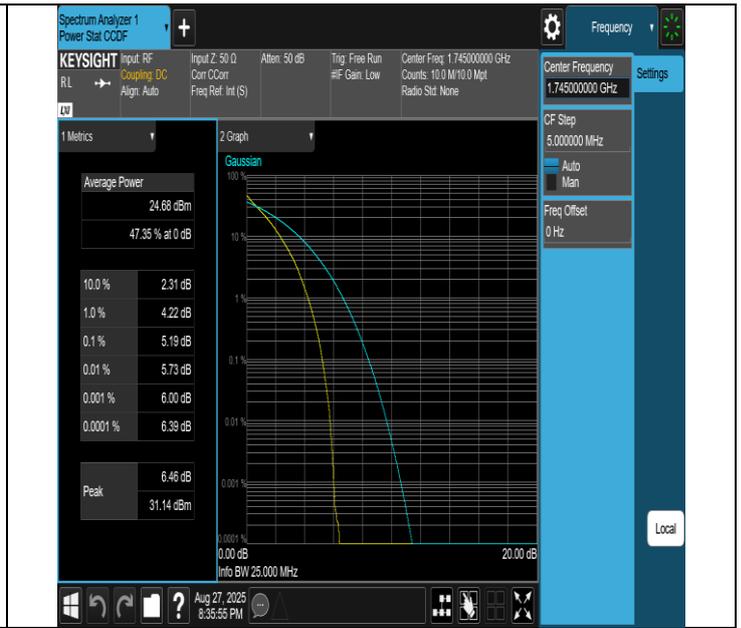
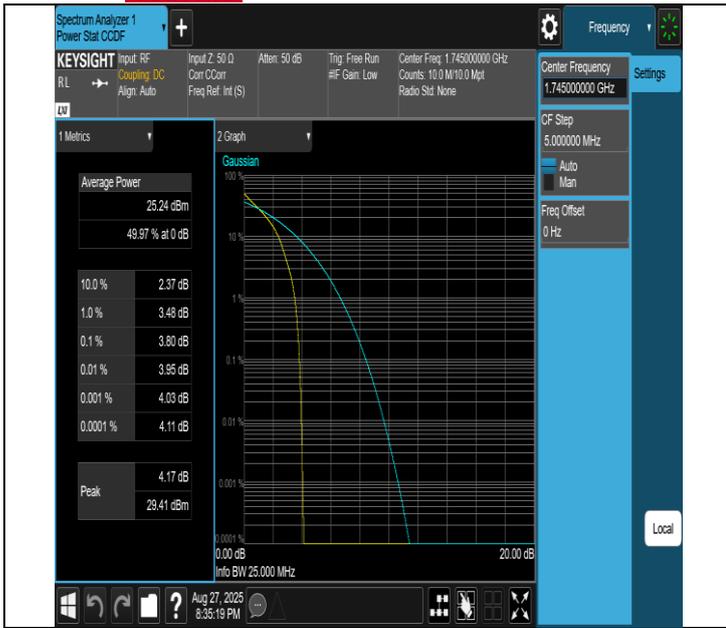
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	1RB#0	4.22	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.10	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	3.81	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.18	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	4.05	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.02	13	PASS
Band66	20MHz	64QAM	132072	1RB#0	4.14	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	5.10	13	PASS
Band66	20MHz	64QAM	132322	1RB#0	3.80	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	5.19	13	PASS
Band66	20MHz	64QAM	132572	1RB#0	4.02	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	5.04	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	5.24	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.88	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	4.65	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.97	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	5.08	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.79	13	PASS

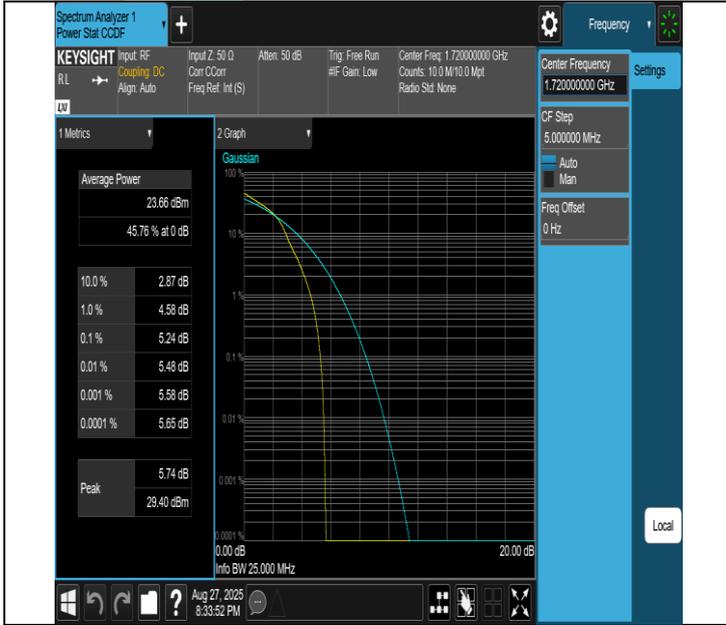


Test Graphs





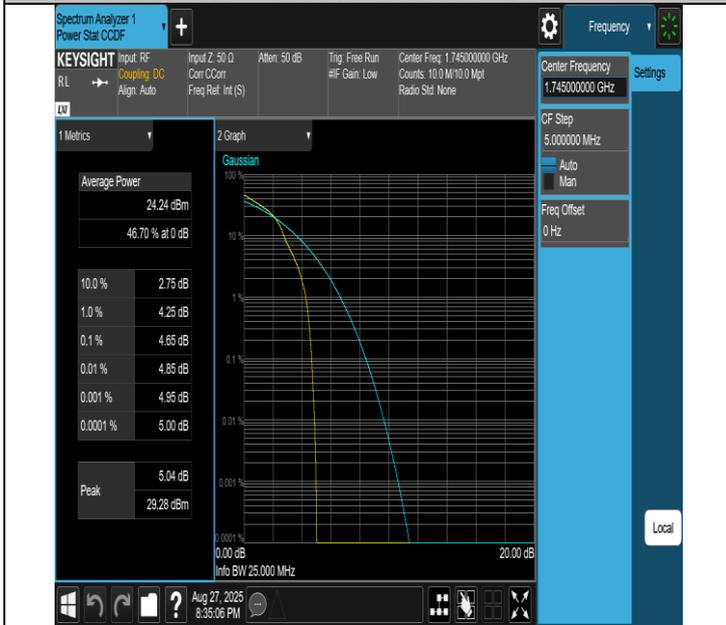




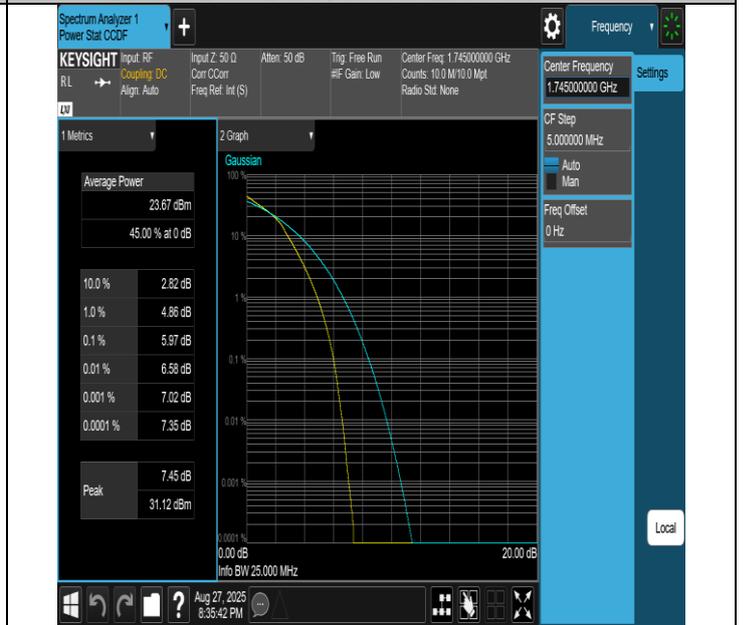
Band66-20MHz-16QAM-132322-1RB#0-PASS



Band66-20MHz-16QAM-132322-100RB#0-PASS



Band66-20MHz-16QAM-132572-1RB#0-PASS



Band66-20MHz-16QAM-132572-100RB#0-PASS





APPENDIX : 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Table with 8 columns: Band, Bandwidth, Modulation, Channel, RB Configuration, Occupied Bandwidth (MHz), 26dB Bandwidth (MHz), Verdict. It contains 50 rows of test data for various bandwidths (1.4MHz to 20MHz) and modulations (QPSK, 64QAM, 16QAM).



BUREAU VERITAS Test Report No.: PSU-QBJ2508070215RF04

Band66	20MHz	QPSK	132572	100RB#0	17.966	19.50	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.907	19.29	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.955	19.43	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.941	19.50	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.919	19.37	PASS
Band66	20MHz	16QAM	132322	100RB#0	18.017	19.41	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.926	19.41	PASS



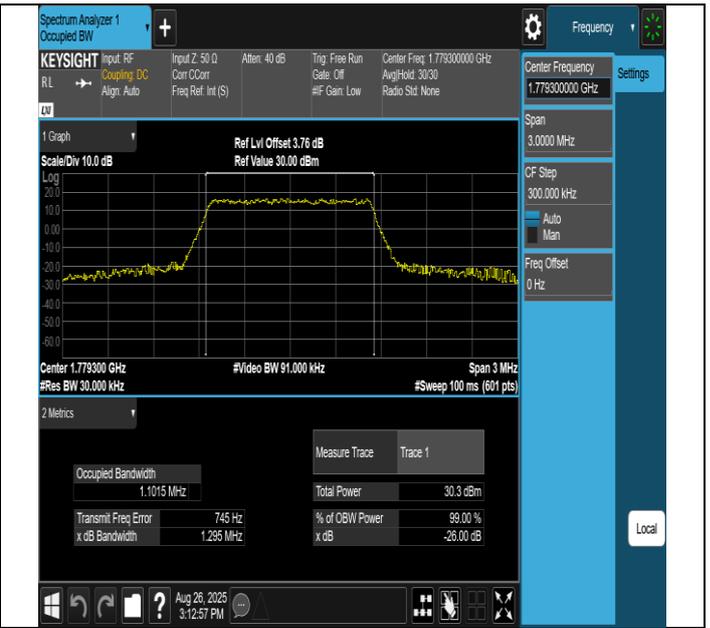
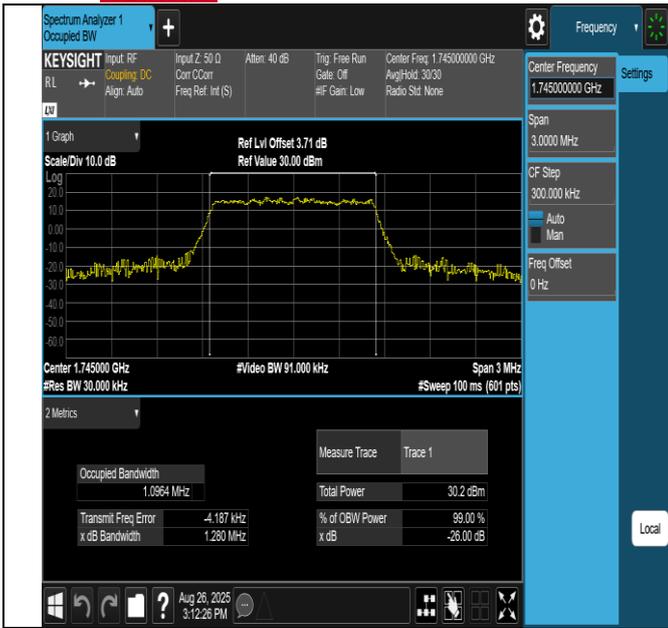
Test Graphs





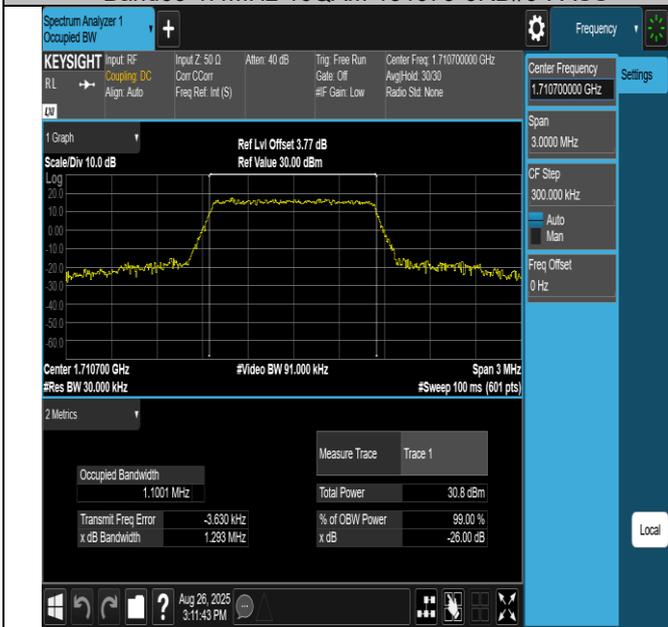
BUREAU VERITAS

Test Report No.: PSU-QBJ2508070215RF04



Band66-1.4MHz-16QAM-131979-6RB#0-PASS

Band66-1.4MHz-16QAM-132322-6RB#0-PASS



Band66-1.4MHz-16QAM-132665-6RB#0-PASS

Band66-3MHz-QPSK-131987-15RB#0-PASS

