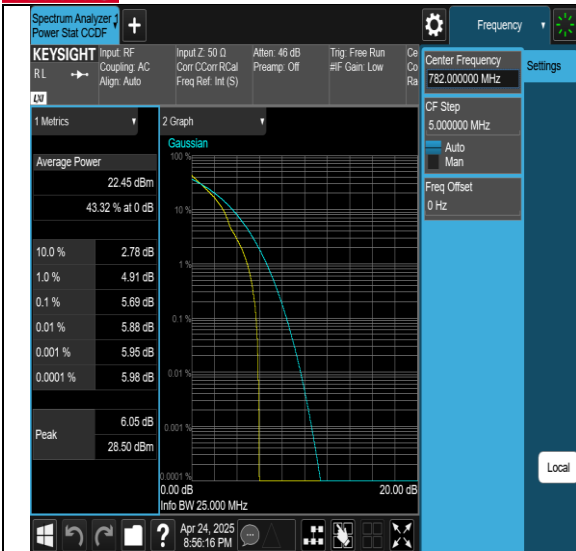
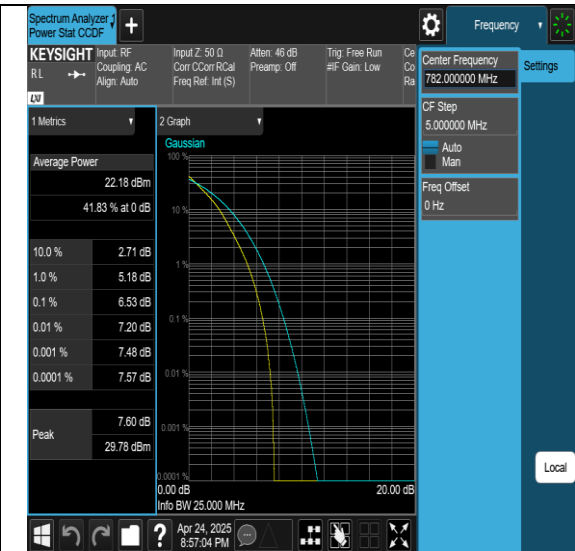




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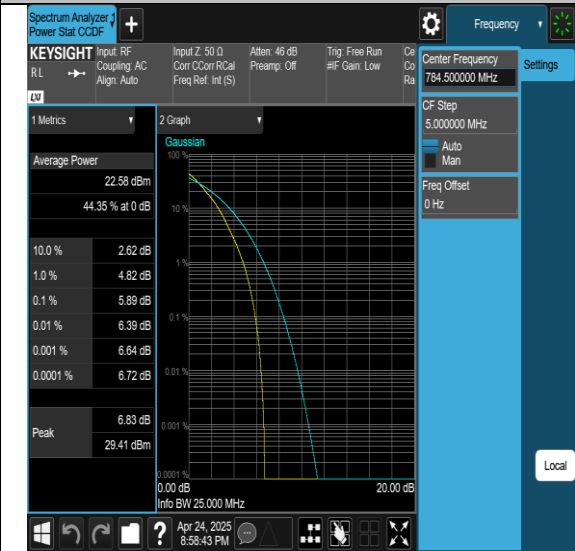
Band13-5MHz-QPSK-23255-1RB#0-PASS



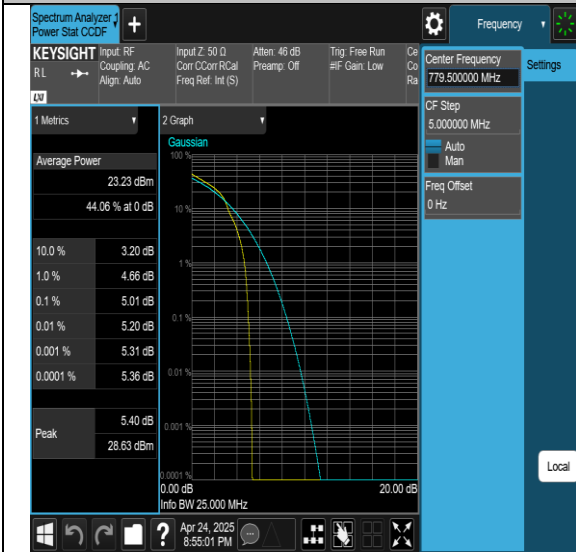
Band13-5MHz-QPSK-23255-25RB#0-PASS



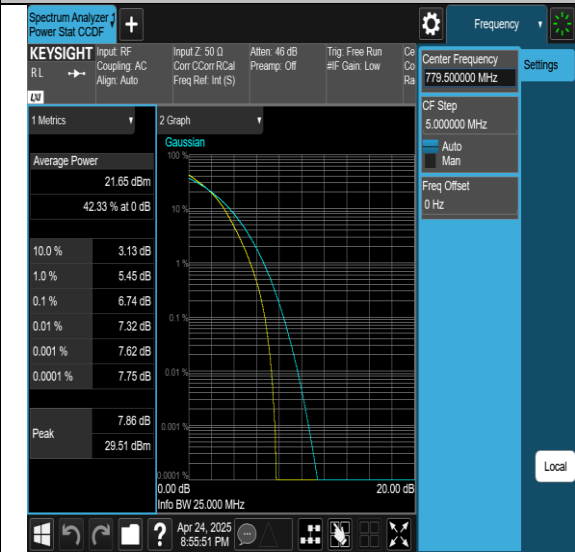
Band13-5MHz-16QAM-23205-1RB#0-PASS



Band13-5MHz-16QAM-23205-25RB#0-PASS



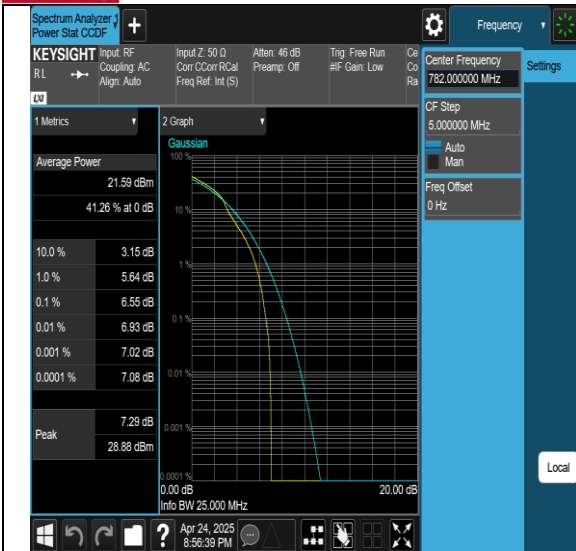
Band13-5MHz-16QAM-23230-1RB#0-PASS



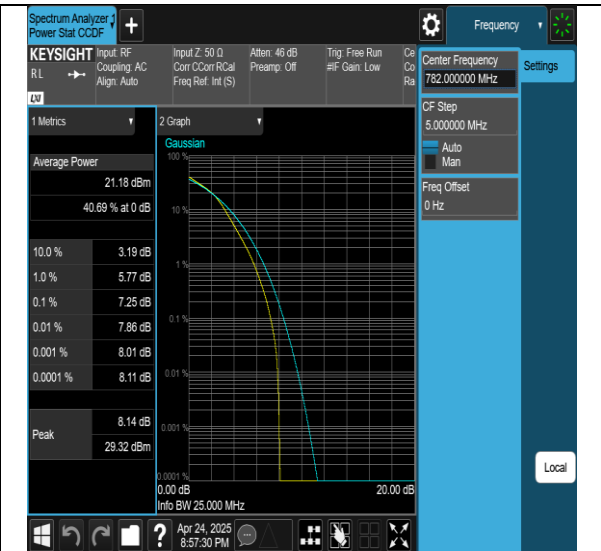
Band13-5MHz-16QAM-23230-25RB#0-PASS



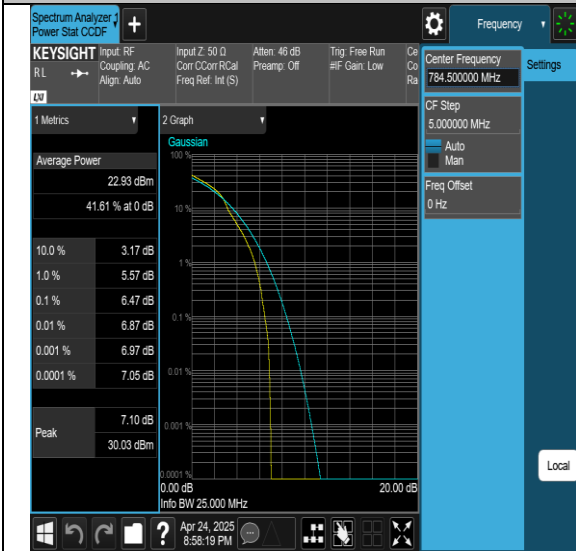
BUREAU VERITAS Test Report No.: PBJ-NQN2504110217RF03



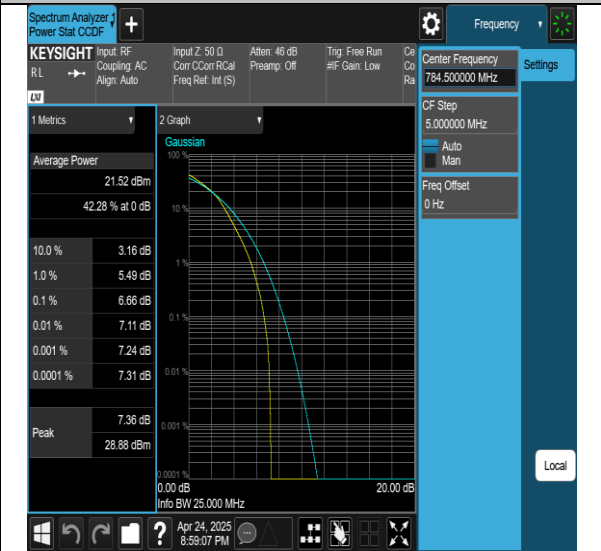
Band13-5MHz-16QAM-23255-1RB#0-PASS



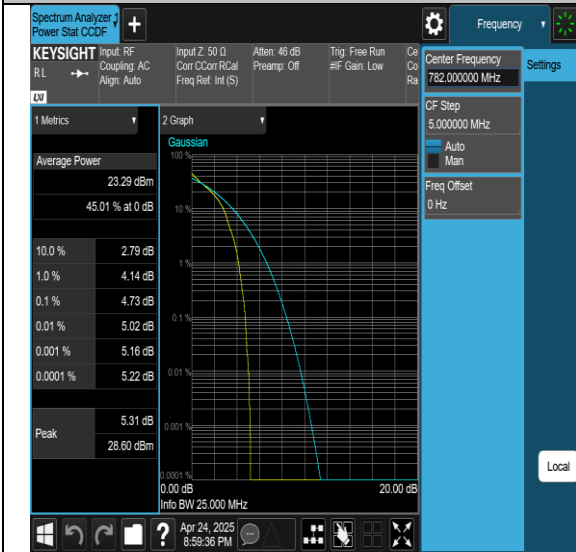
Band13-5MHz-16QAM-23255-25RB#0-PASS



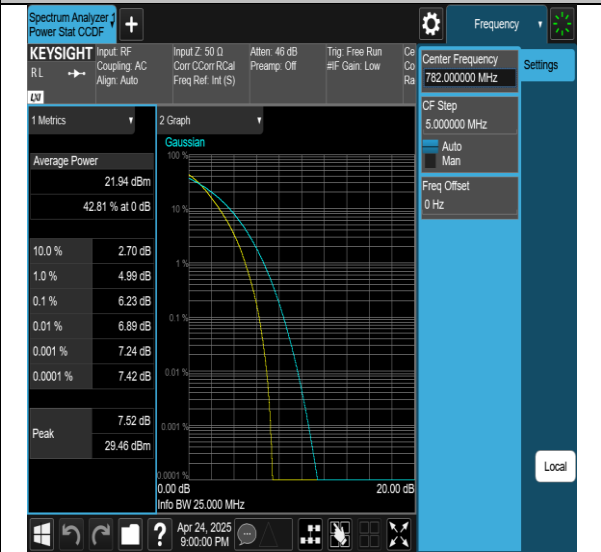
Band13-10MHz-QPSK-23230-1RB#0-PASS



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



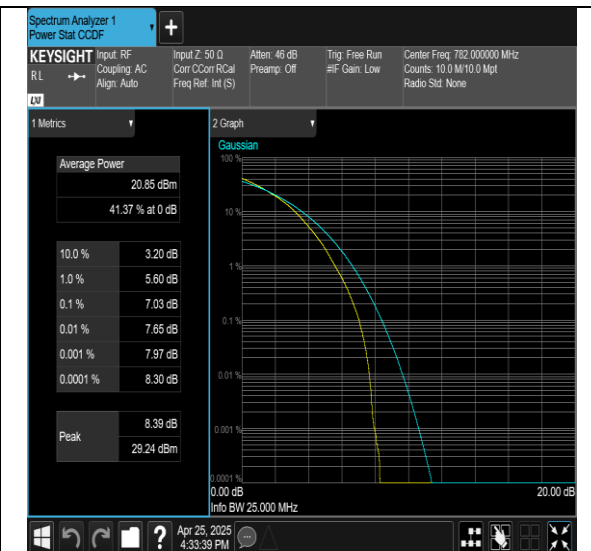
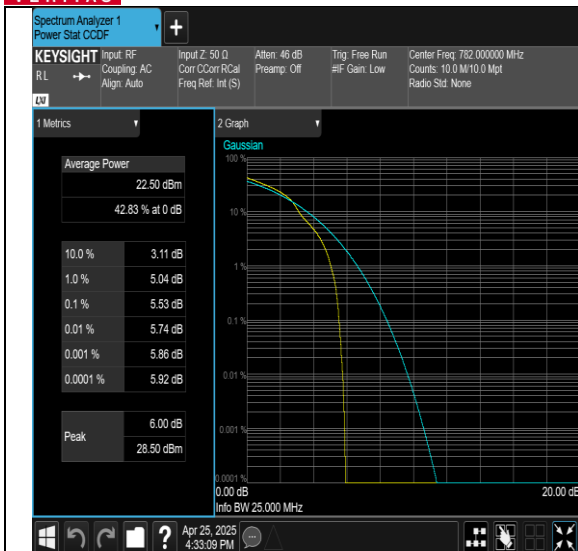
Band13-10MHz-16QAM-23230-1RB#0-PASS



Band13-10MHz-16QAM-23230-27RB#0-PASS



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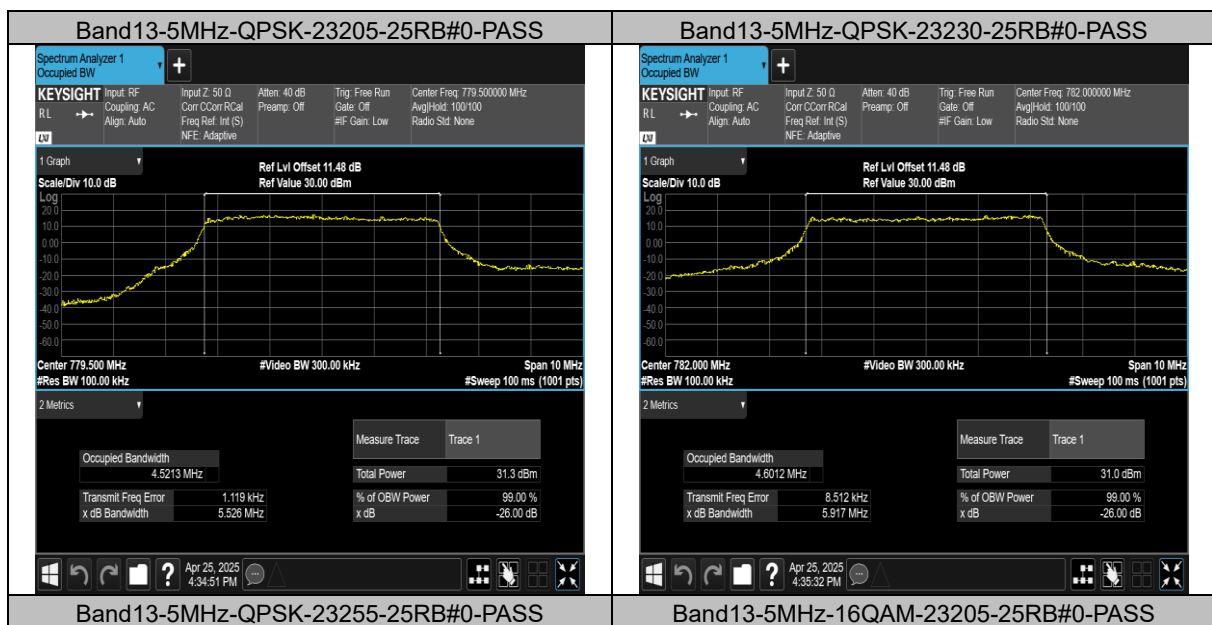


26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

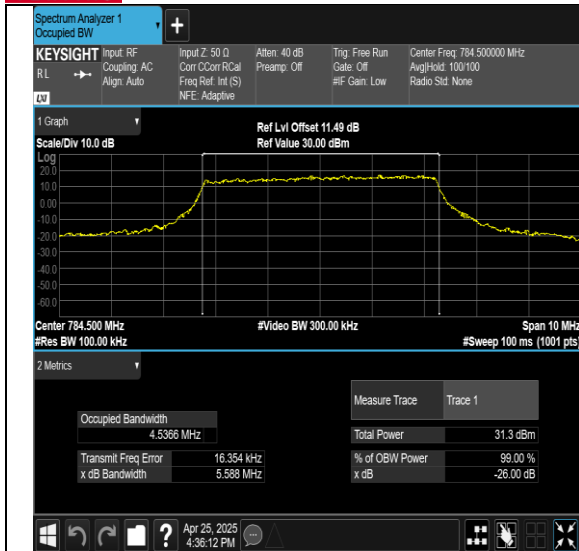
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5213	5.526	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.6012	5.917	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5366	5.588	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5171	5.606	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5945	6.013	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5281	5.508	PASS
Band13	10MHz	QPSK	23230	50RB#0	9.0152	10.33	PASS
Band13	10MHz	16QAM	23230	27RB#0	4.9212	6.361	PASS

Test Graphs

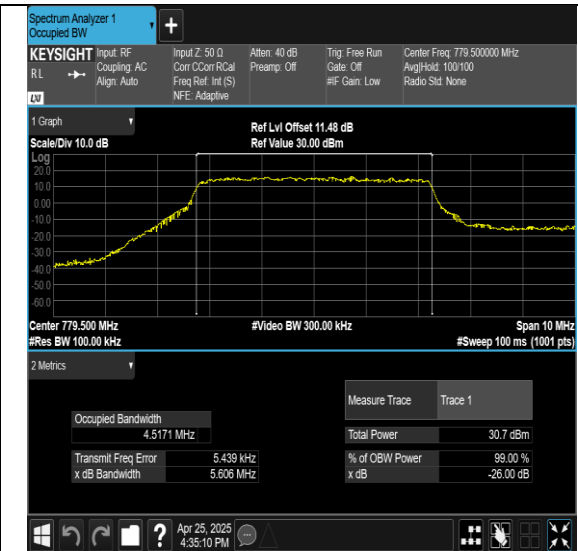




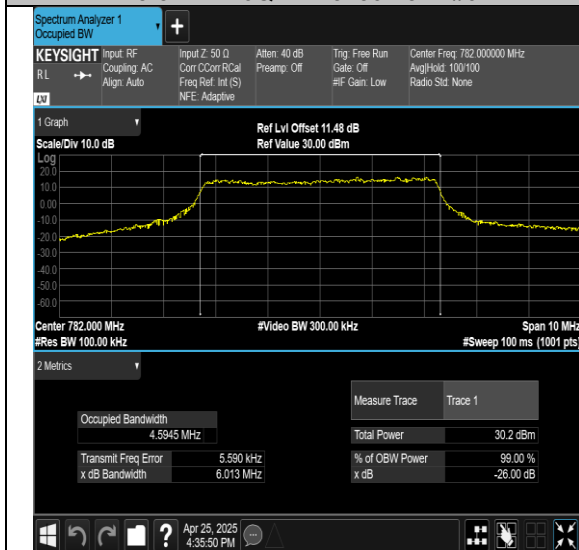
BUREAU VERITAS Test Report No.: PBJ-NQN2504110217RF03



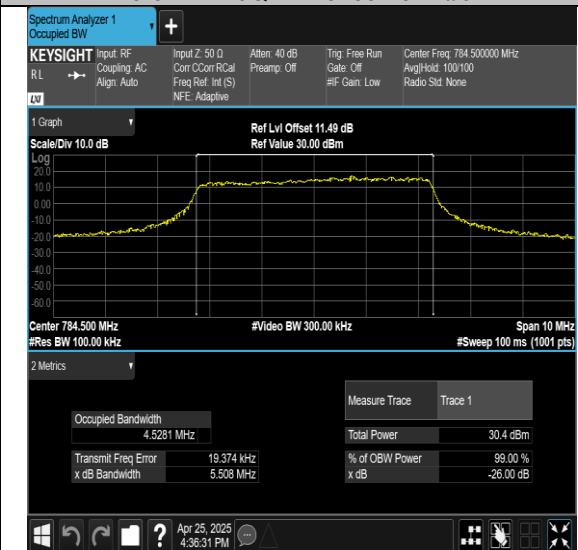
Band13-5MHz-16QAM-23230-25RB#0-PASS



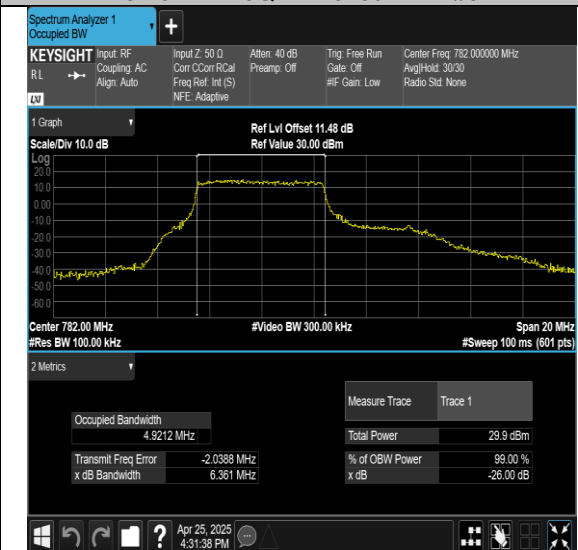
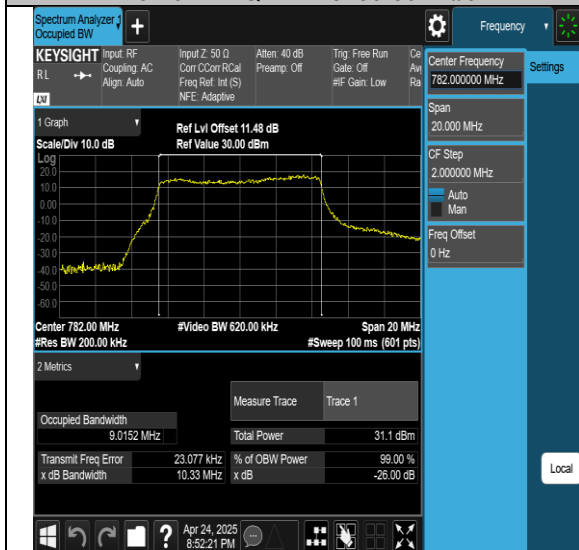
Band13-5MHz-16QAM-23255-25RB#0-PASS



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



Band13-10MHz-16QAM-23230-27RB#0-PASS



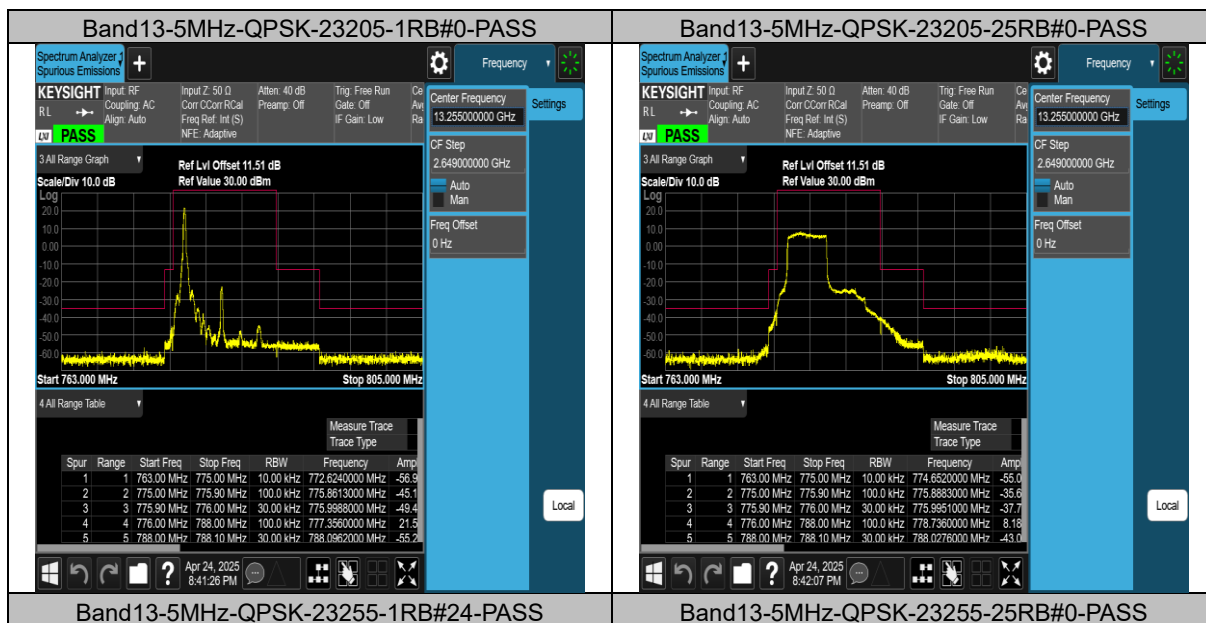


BAND EDGE

Test Result

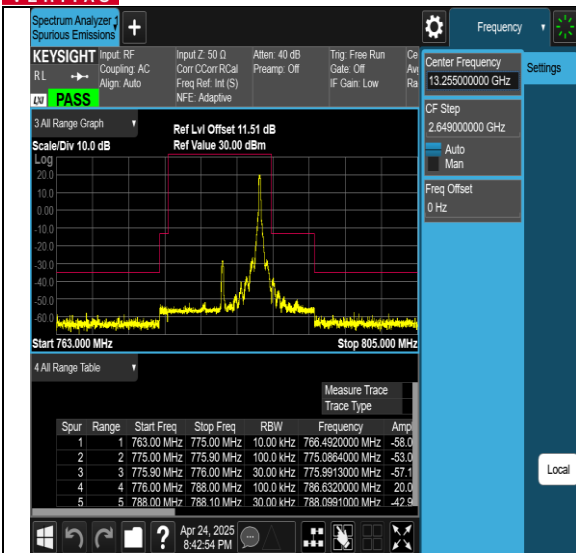
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-56.96	PASS
Band13	5MHz	QPSK	23205	25RB#0	-55.04	PASS
Band13	5MHz	QPSK	23255	1RB#24	-57.58	PASS
Band13	5MHz	QPSK	23255	25RB#0	-26.04	PASS
Band13	5MHz	16QAM	23205	1RB#0	-58.29	PASS
Band13	5MHz	16QAM	23205	25RB#0	-54.67	PASS
Band13	5MHz	16QAM	23255	1RB#24	-59.22	PASS
Band13	5MHz	16QAM	23255	25RB#0	-25.98	PASS
Band13	10MHz	QPSK	23230	1RB#0	-55.02	PASS
Band13	10MHz	QPSK	23230	1RB#49	-57.66	PASS
Band13	10MHz	QPSK	23230	50RB#0	-43.29	PASS
Band13	10MHz	16QAM	23230	1RB#0	-55.61	PASS
Band13	10MHz	16QAM	23230	1RB#49	-58.10	PASS
Band13	10MHz	16QAM	23230	27RB#23	-25.12	PASS

Test Graphs

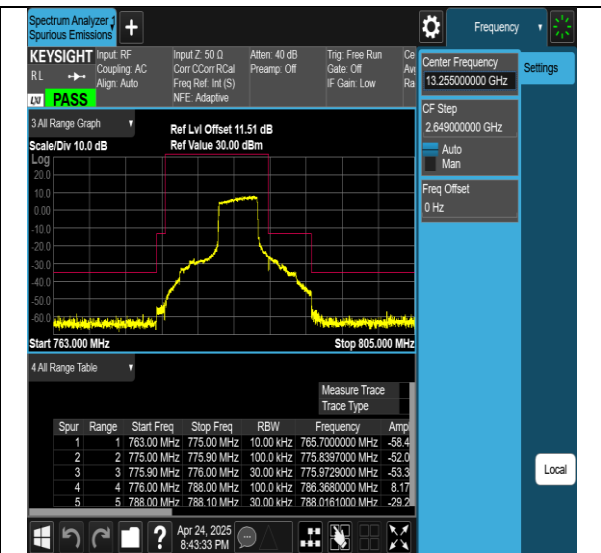




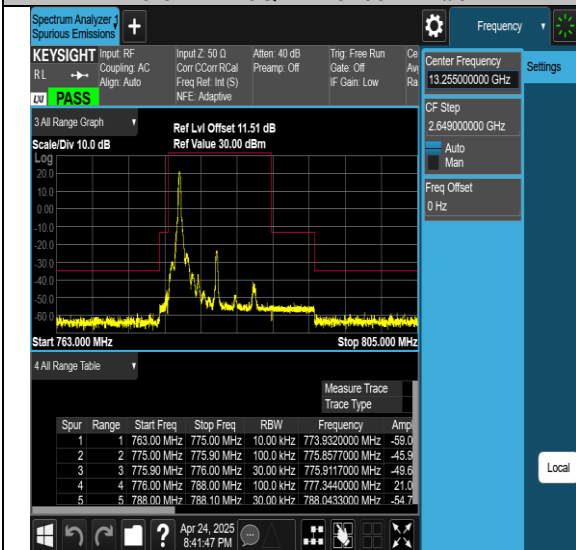
BUREAU VERITAS Test Report No.: PBJ-NQN2504110217RF03



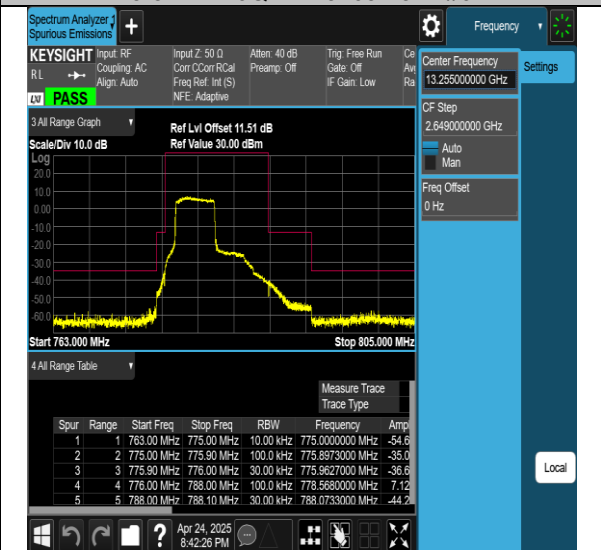
Band13-5MHz-16QAM-23205-1RB#0-PASS



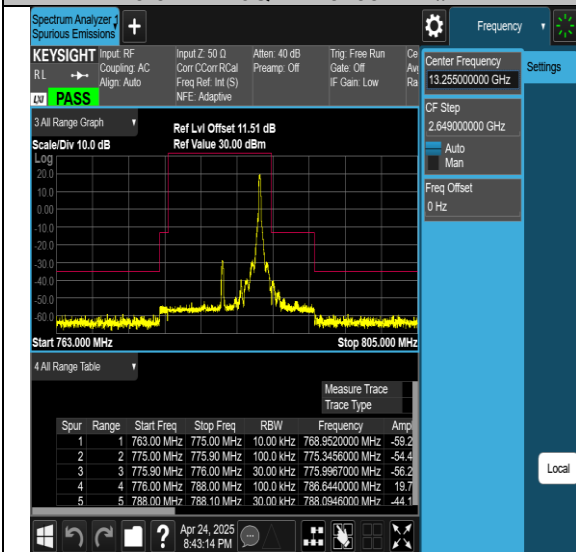
Band13-5MHz-16QAM-23205-25RB#0-PASS



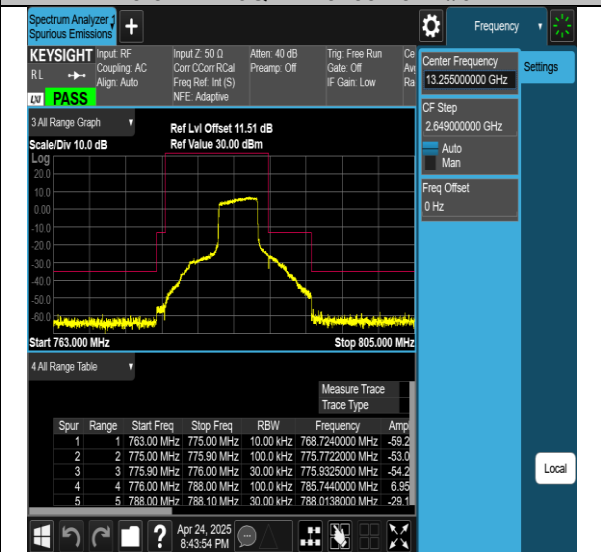
Band13-5MHz-16QAM-23255-1RB#24-PASS



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



Band13-10MHz-QPSK-23230-1RB#0-PASS

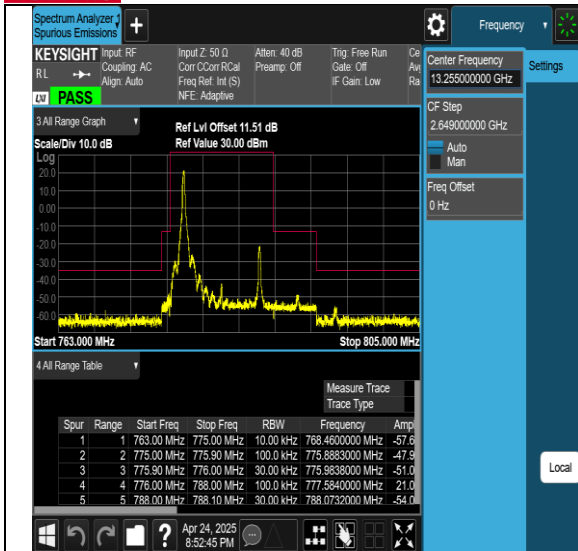


Band13-10MHz-QPSK-23230-1RB#49-PASS

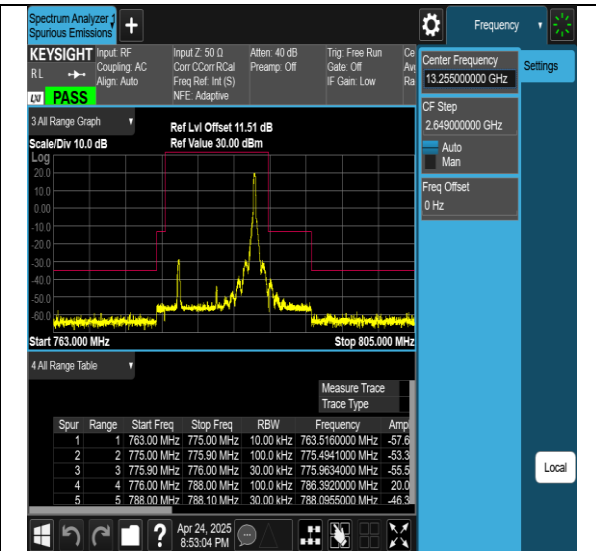


BUREAU
VERITAS

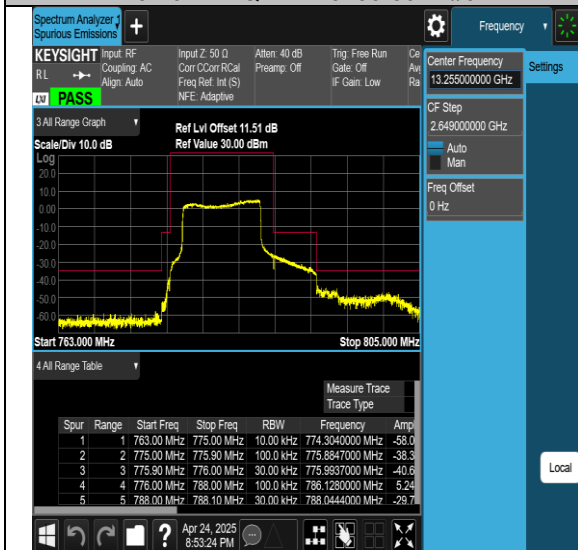
Test Report No.: PBJ-NQN2504110217RF03



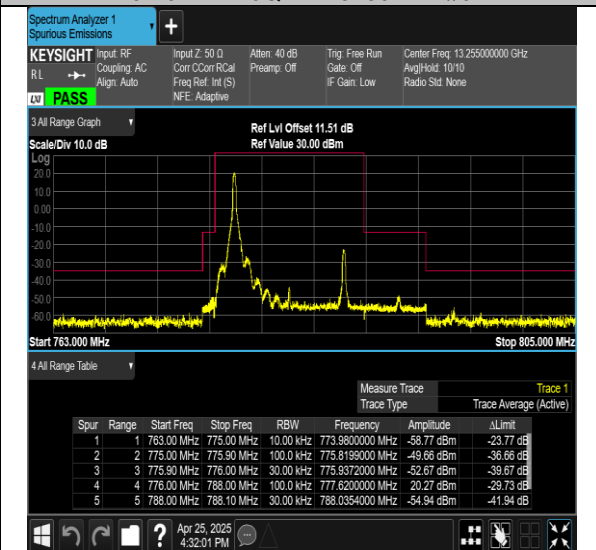
Band13-10MHz-QPSK-23230-50RB#0-PASS



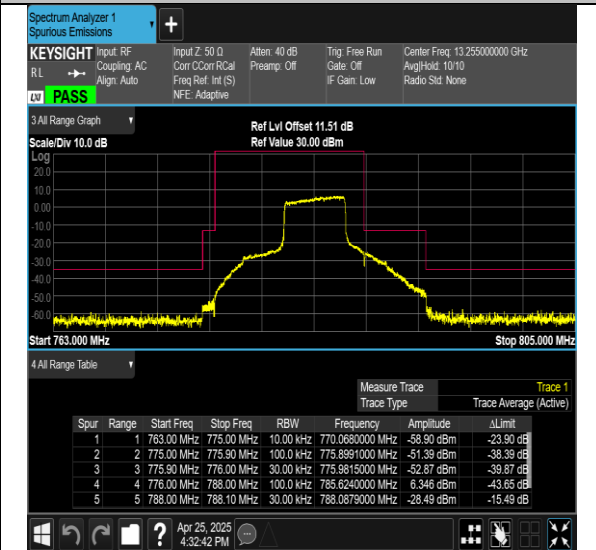
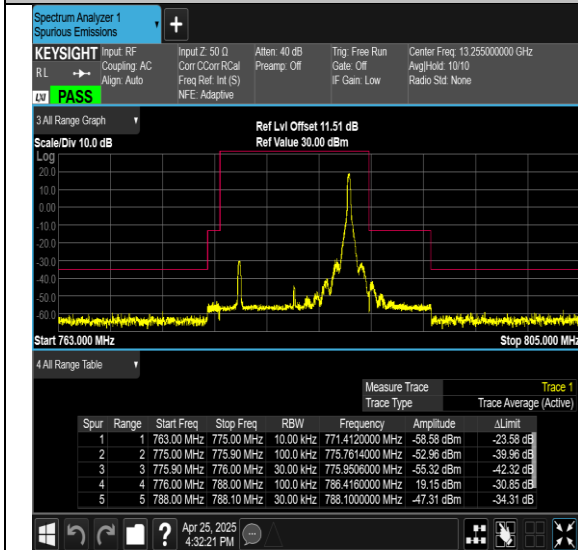
Band13-10MHz-16QAM-23230-1RB#0-PASS



Band13-10MHz-16QAM-23230-1RB#49-PASS



Band13-10MHz-16QAM-23230-27RB#23-PASS





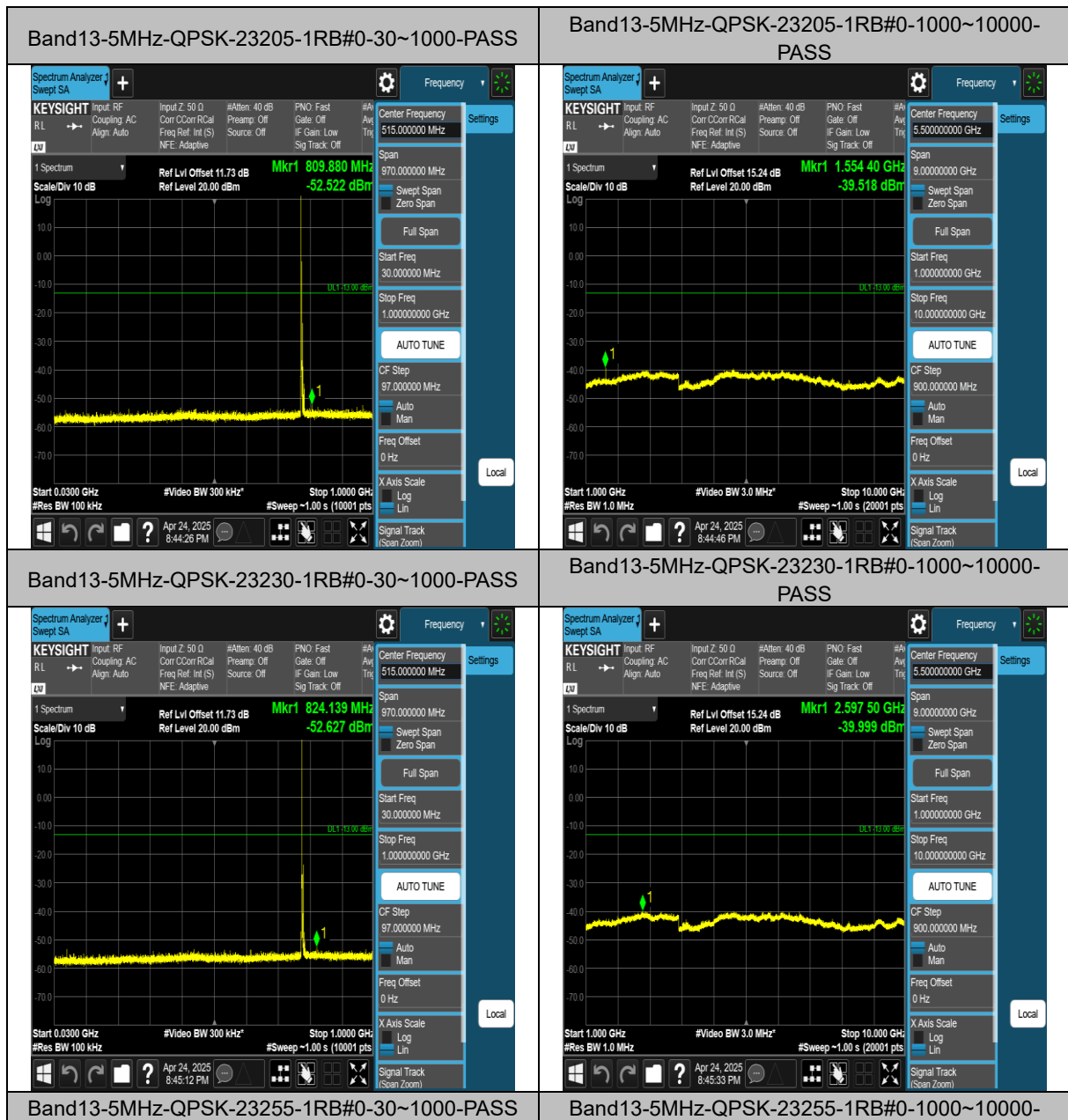


BUREAU VERITAS Test Report No.: PBJ-NQN2504110217RF03
CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-52.52	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~10000	-39.52	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-52.63	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~10000	-40.00	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-52.87	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~10000	-39.73	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-53.06	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~10000	-39.70	PASS

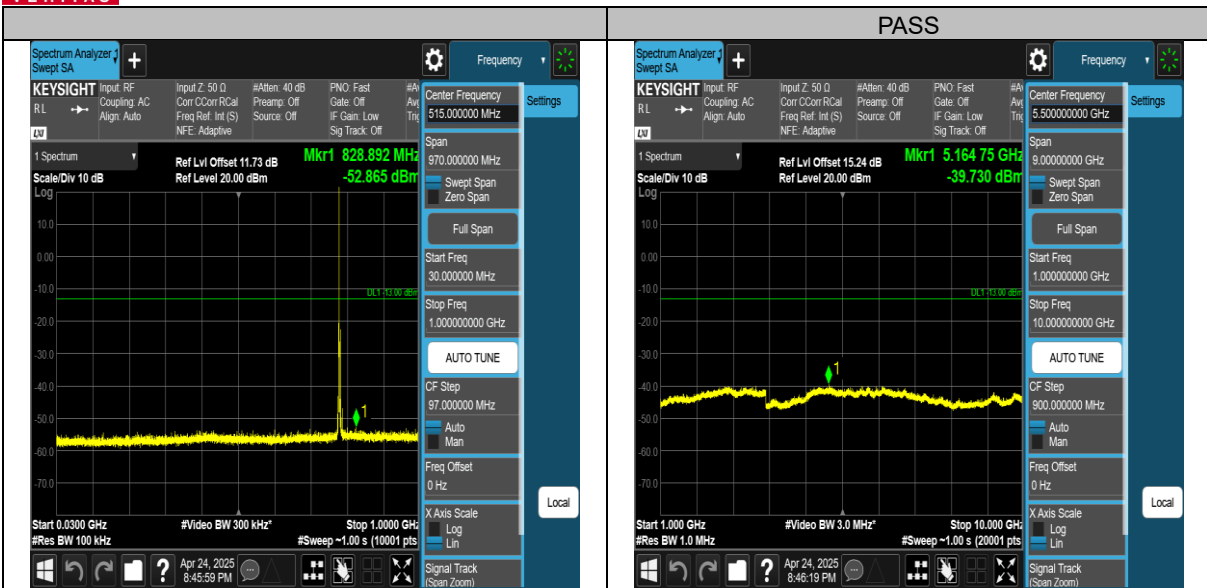
Test Graphs



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Band13-10MHz-QPSK-23230-1RB#0-30~1000-PASS

Band13-10MHz-QPSK-23230-1RB#0-1000~10000-PASS





FREQUENCY STABILITY

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	251.00	0.322001	777.3367	--	777-787	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	313.00	0.401539	777.3478	--	777-787	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	137.00	0.175754	777.3485	--	777-787	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	1239.00	1.579350	--	786.7237	777-787	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	1092.00	1.391969	--	786.7234	777-787	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	959.00	1.222435	--	786.7227	777-787	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	378.00	0.484926	777.3449	--	777-787	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	195.00	0.250160	777.3453	--	777-787	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	123.00	0.157793	777.3471	--	777-787	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	790.00	1.013470	777.3473	--	777-787	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	224.00	0.287364	777.3458	--	777-787	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	307.00	0.393842	777.3437	--	777-787	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	444.00	0.569596	777.3486	--	777-787	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	216.00	0.277101	777.3382	--	777-787	PASS



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Ban d13	5MHz	QPSK	2320 5	25RB #0	NV	50	148.0 0	0.189 865	777.3 515	--	777 - 787	PAS S
Ban d13	5MHz	QPSK	2325 5	25RB #0	NV	-30	935.0 0	1.191 842	--	786.7 158	777 - 787	PAS S
Ban d13	5MHz	QPSK	2325 5	25RB #0	NV	-20	1026. 00	1.307 839	--	786.7 109	777 - 787	PAS S
Ban d13	5MHz	QPSK	2325 5	25RB #0	NV	-10	1110. 00	1.414 914	--	786.7 124	777 - 787	PAS S
Ban d13	5MHz	QPSK	2325 5	25RB #0	NV	0	1230. 00	1.567 878	--	786.7 132	777 - 787	PAS S
Ban d13	5MHz	QPSK	2325 5	25RB #0	NV	10	1044. 00	1.330 784	--	786.7 074	777 - 787	PAS S
Ban d13	5MHz	QPSK	2325 5	25RB #0	NV	20	1071. 00	1.365 201	--	786.7 125	777 - 787	PAS S
Ban d13	5MHz	QPSK	2325 5	25RB #0	NV	30	1071. 00	1.365 201	--	786.7 132	777 - 787	PAS S
Ban d13	5MHz	QPSK	2325 5	25RB #0	NV	40	1115. 00	1.421 287	--	786.3 878	777 - 787	PAS S
Ban d13	5MHz	QPSK	2325 5	25RB #0	NV	50	1050. 00	1.338 432	--	786.7 173	777 - 787	PAS S



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FCC-LTE-Band71

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

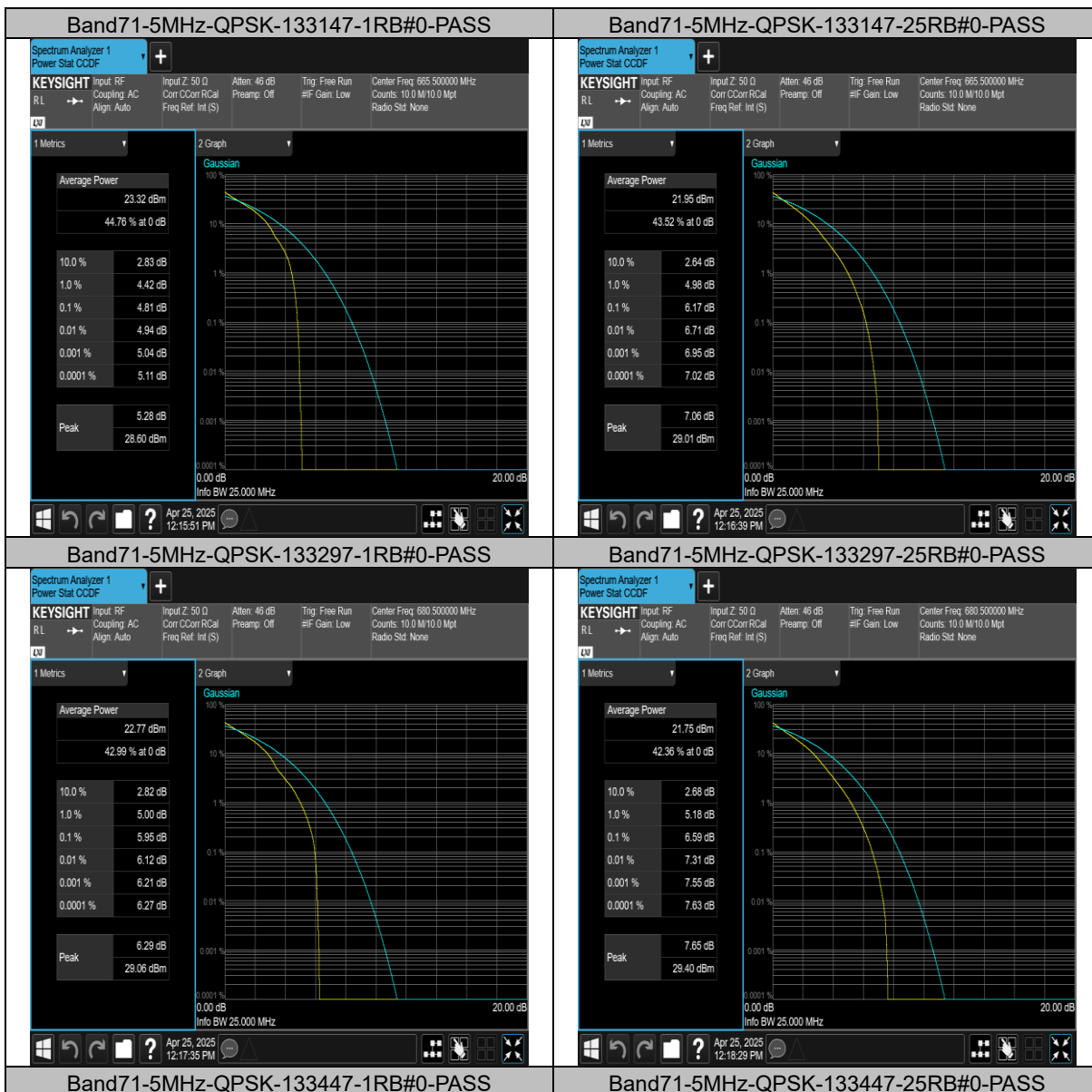
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	4.81	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	6.17	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	5.95	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	6.59	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	5.77	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	6.58	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	5.59	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.85	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	6.77	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	7.18	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	6.62	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	7.21	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	4.63	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	6.32	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	5.83	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	6.62	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	5.83	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	6.39	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	5.28	13	PASS
Band71	10MHz	16QAM	133172	27RB#0	6.95	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	6.65	13	PASS
Band71	10MHz	16QAM	133297	27RB#0	7.29	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	6.49	13	PASS
Band71	10MHz	16QAM	133422	27RB#0	7.16	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	4.69	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	6.47	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	5.73	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	6.87	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	5.64	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	6.49	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	5.39	13	PASS
Band71	15MHz	16QAM	133197	27RB#0	6.86	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	6.56	13	PASS
Band71	15MHz	16QAM	133297	27RB#0	7.19	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	6.35	13	PASS
Band71	15MHz	16QAM	133397	27RB#0	7.13	13	PASS
Band71	20MHz	QPSK	133222	1RB#0	4.29	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.70	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	5.40	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	6.26	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	5.79	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	6.04	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	5.08	13	PASS
Band71	20MHz	16QAM	133222	27RB#0	6.42	13	PASS



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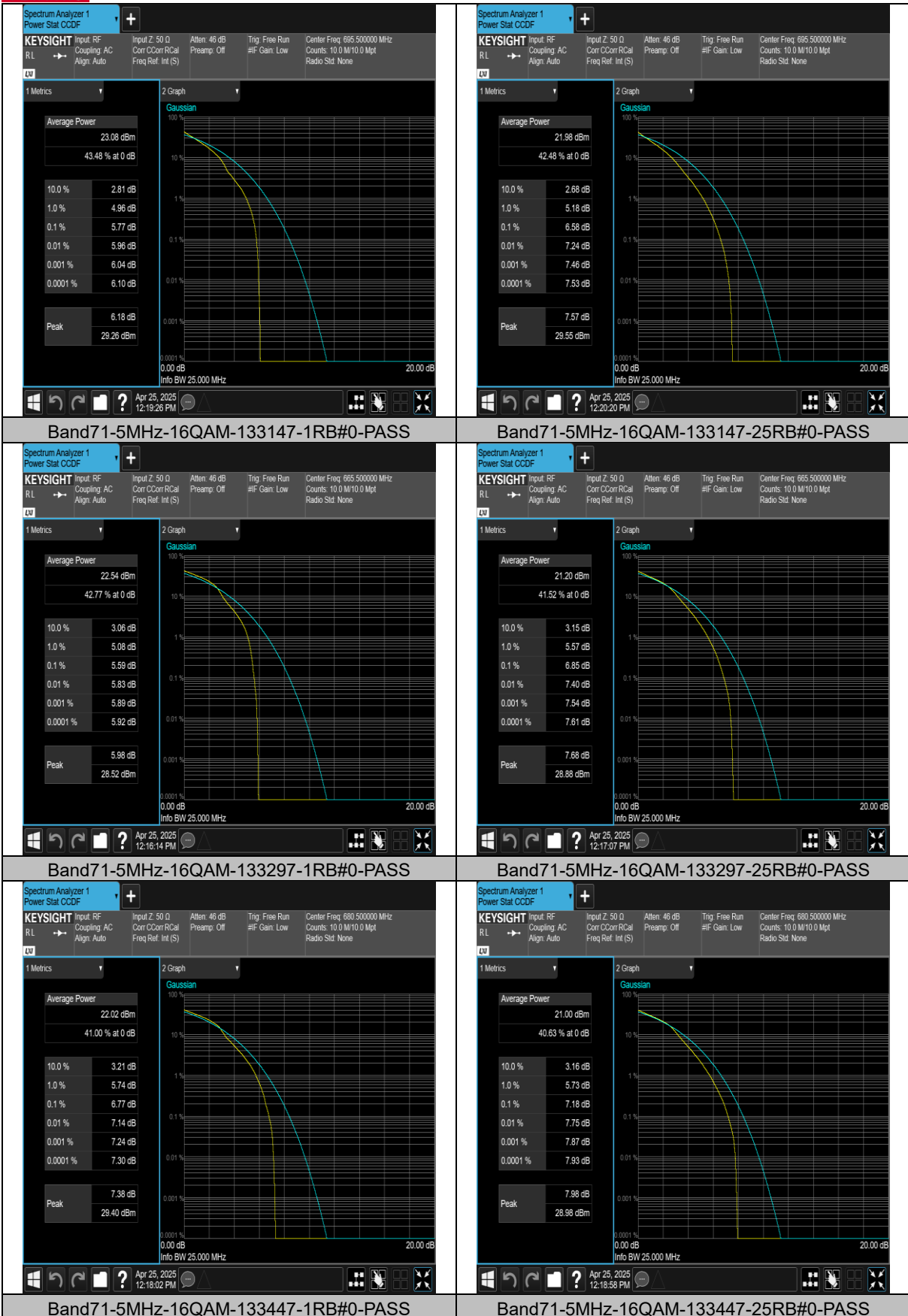
Band71	20MHz	16QAM	133322	1RB#0	6.44	13	PASS
Band71	20MHz	16QAM	133322	27RB#0	7.25	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	6.38	13	PASS
Band71	20MHz	16QAM	133372	27RB#0	7.14	13	PASS

Test Graphs





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BUREAU VERITAS Test Report No.: PBJ-NQN2504110217RF03

