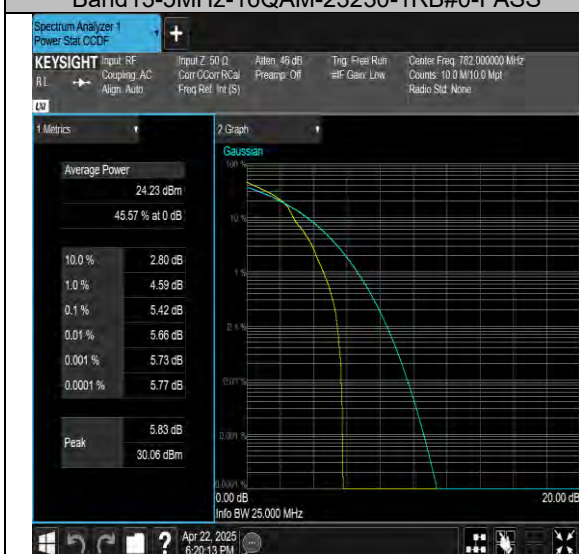
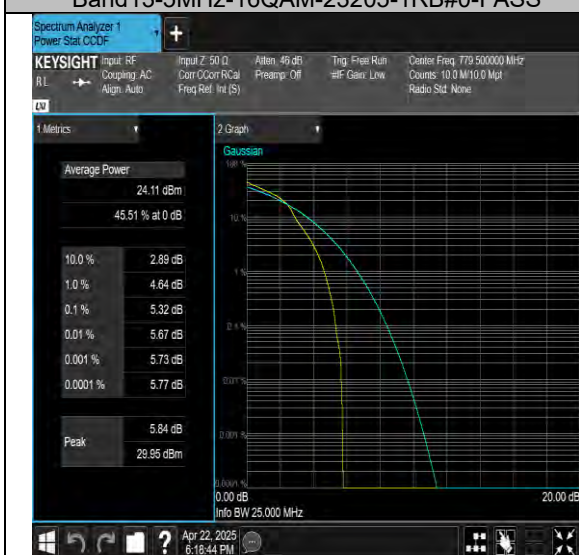
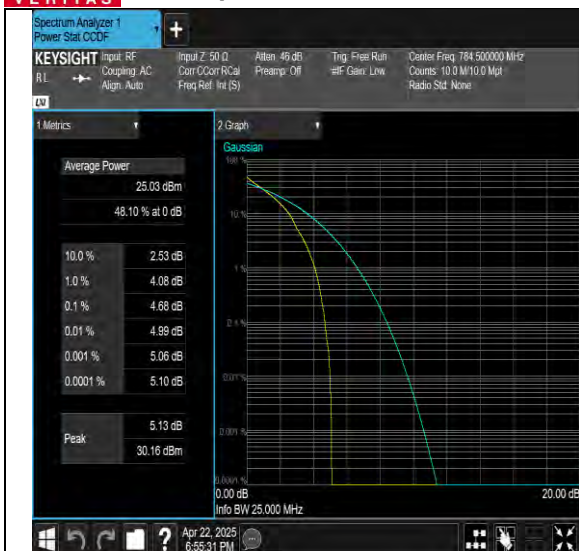
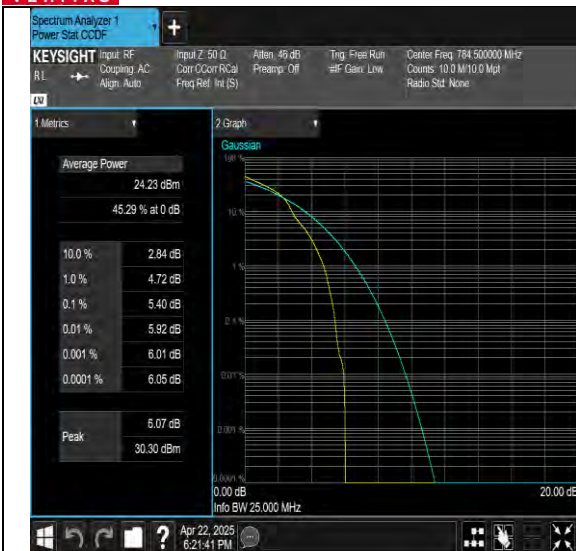






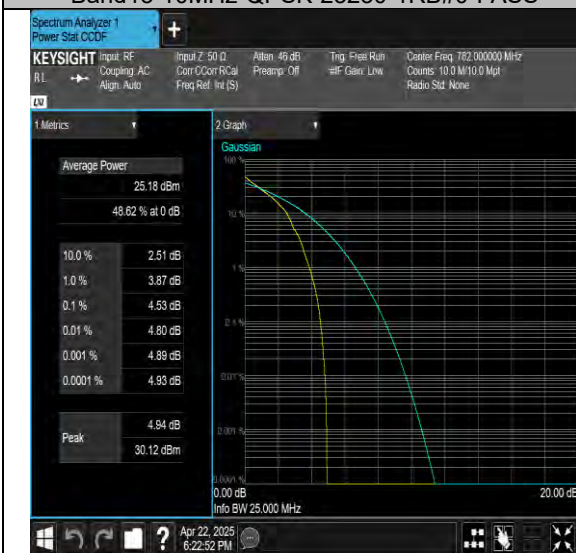
BUREAU VERITAS Test Report No.: PSZ-QBJ2504140315RF03



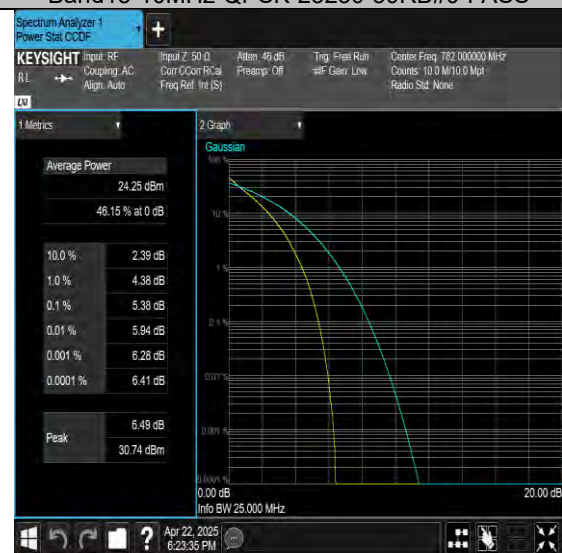
Band13-10MHz-QPSK-23230-1RB#0-PASS



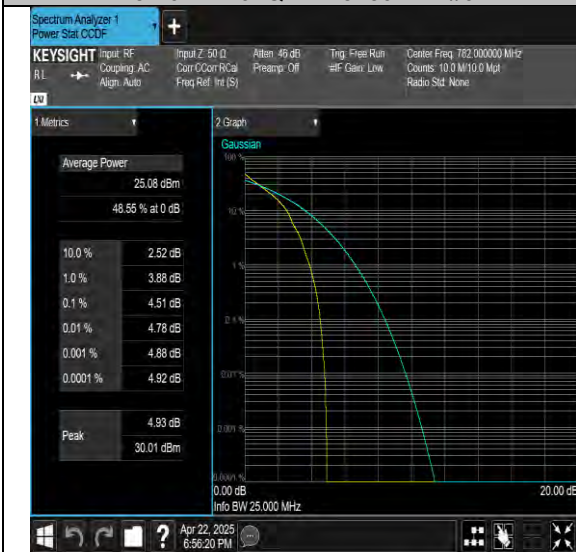
Band13-10MHz-QPSK-23230-50RB#0-PASS



Band13-10MHz-64QAM-23230-1RB#0-PASS



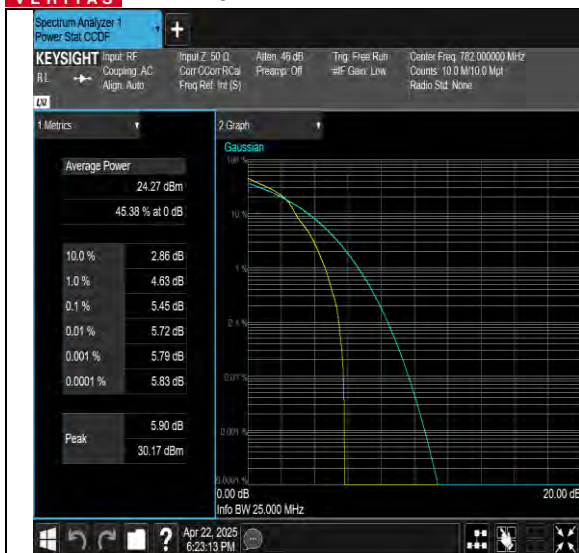
Band13-10MHz-64QAM-23230-50RB#0-PASS



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



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



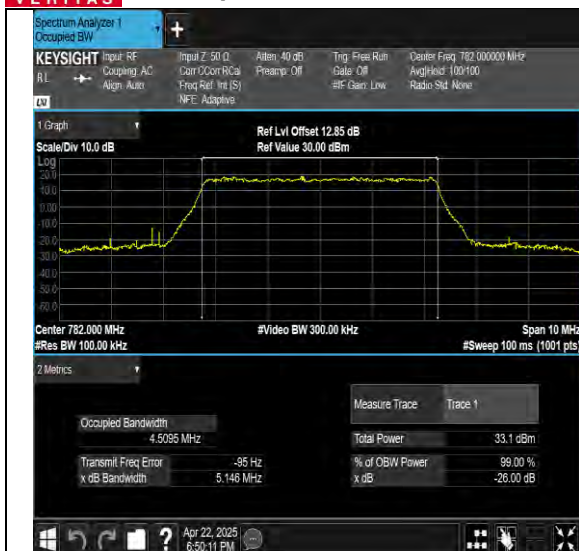
26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

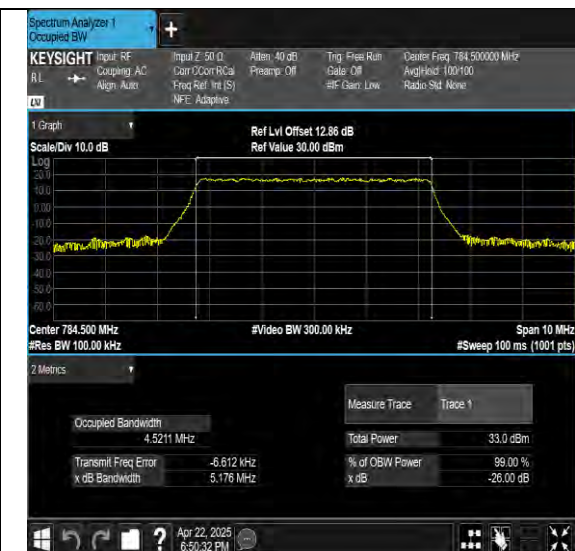
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5210	5.182	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5080	5.145	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5186	5.176	PASS
Band13	5MHz	64QAM	23205	25RB#0	4.5233	5.186	PASS
Band13	5MHz	64QAM	23230	25RB#0	4.5095	5.146	PASS
Band13	5MHz	64QAM	23255	25RB#0	4.5211	5.176	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5188	5.109	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5211	5.199	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5324	5.187	PASS
Band13	10MHz	QPSK	23230	50RB#0	9.0075	10.17	PASS
Band13	10MHz	64QAM	23230	50RB#0	9.0148	10.16	PASS
Band13	10MHz	16QAM	23230	50RB#0	9.0124	10.02	PASS

Test Graphs

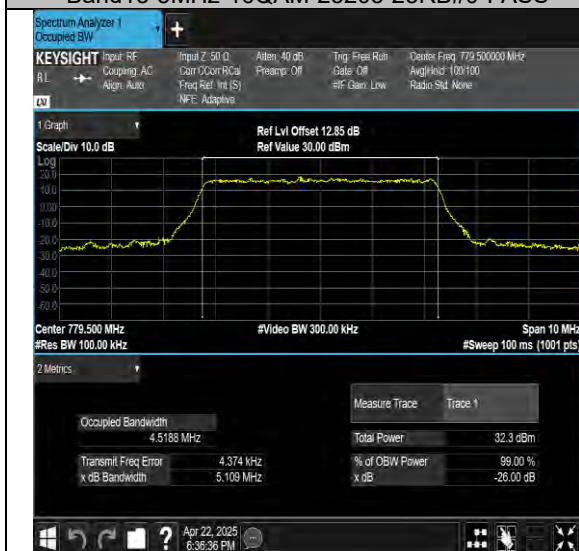




Band13-5MHz-16QAM-23205-25RB#0-PASS



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



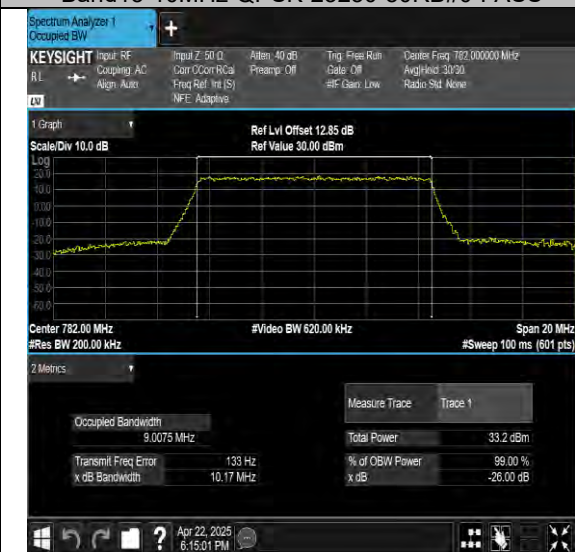
Band13-5MHz-16QAM-23255-25RB#0-PASS



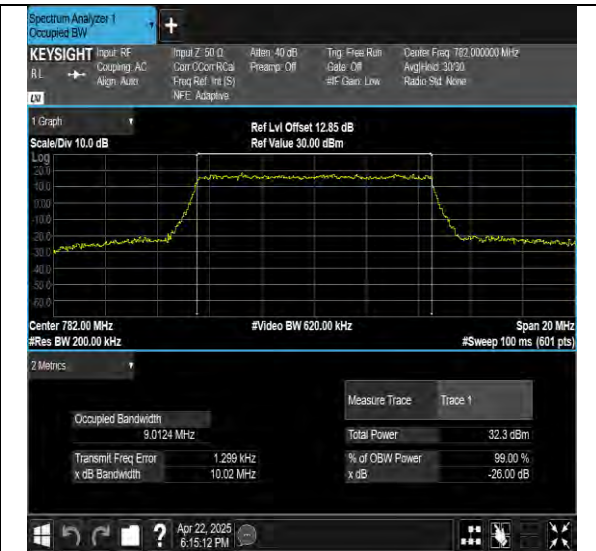
Band13-10MHz-QPSK-23230-50RB#0-PASS



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



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

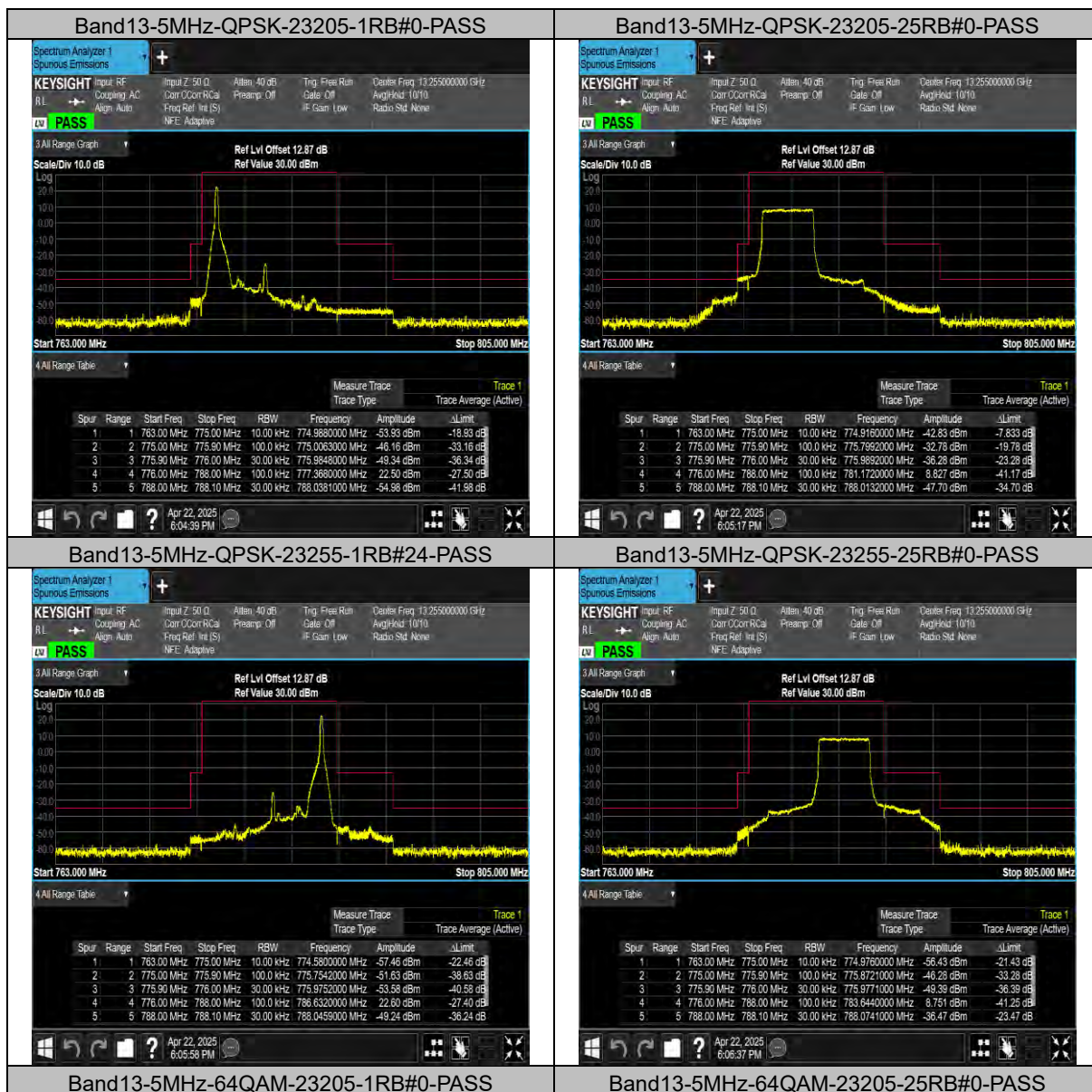


BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-53.93	PASS
Band13	5MHz	QPSK	23205	25RB#0	-42.83	PASS
Band13	5MHz	QPSK	23255	1RB#24	-57.46	PASS
Band13	5MHz	QPSK	23255	25RB#0	-32.17	PASS
Band13	5MHz	64QAM	23205	1RB#0	-54.53	PASS
Band13	5MHz	64QAM	23205	25RB#0	-43.26	PASS
Band13	5MHz	64QAM	23255	1RB#24	-56.74	PASS
Band13	5MHz	64QAM	23255	25RB#0	-32.70	PASS
Band13	5MHz	16QAM	23205	1RB#0	-55.98	PASS
Band13	5MHz	16QAM	23205	25RB#0	-43.57	PASS
Band13	5MHz	16QAM	23255	1RB#24	-57.23	PASS
Band13	5MHz	16QAM	23255	25RB#0	-32.39	PASS
Band13	10MHz	QPSK	23230	1RB#0	-53.02	PASS
Band13	10MHz	QPSK	23230	1RB#49	-56.09	PASS
Band13	10MHz	QPSK	23230	50RB#0	-45.92	PASS
Band13	10MHz	64QAM	23230	1RB#0	-53.52	PASS
Band13	10MHz	64QAM	23230	1RB#49	-56.23	PASS
Band13	10MHz	64QAM	23230	50RB#0	-45.50	PASS
Band13	10MHz	16QAM	23230	1RB#0	-54.36	PASS
Band13	10MHz	16QAM	23230	1RB#49	-56.64	PASS
Band13	10MHz	16QAM	23230	50RB#0	-46.25	PASS

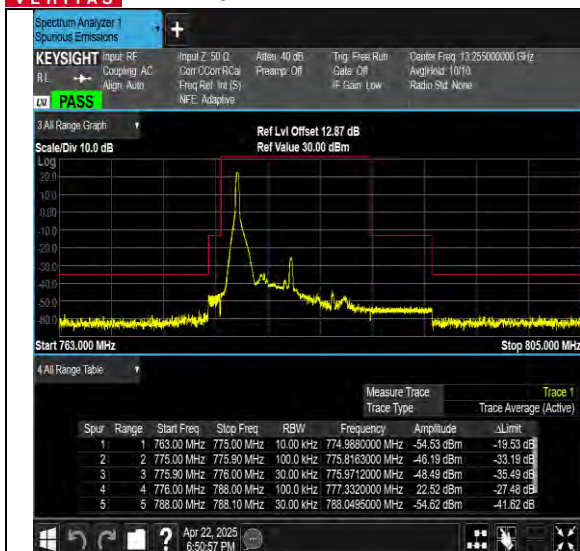
Test Graphs



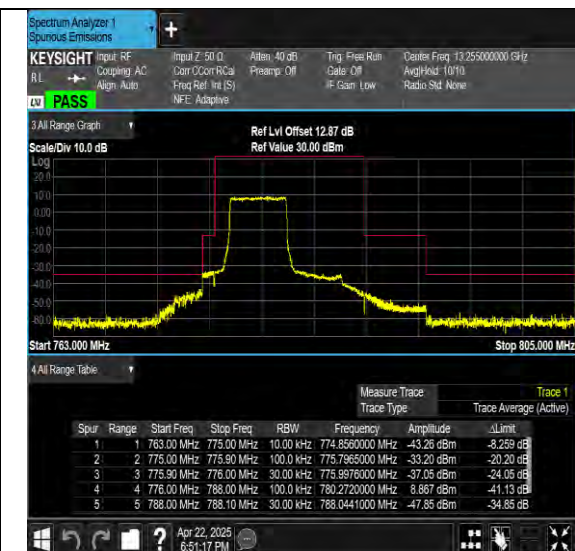


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VERITAS

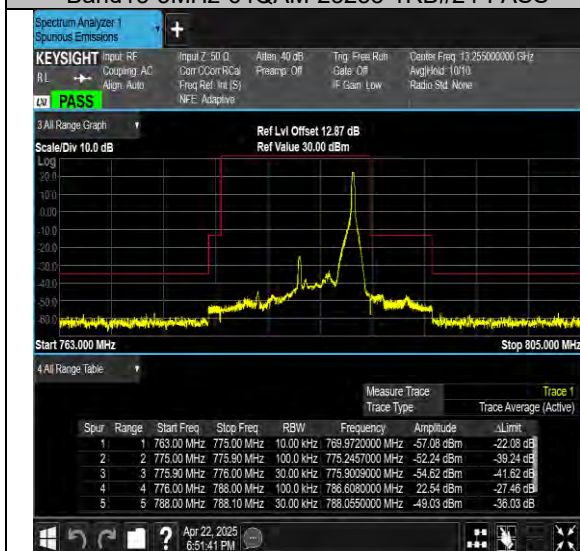
Test Report No.: PSZ-QBJ2504140315RF03



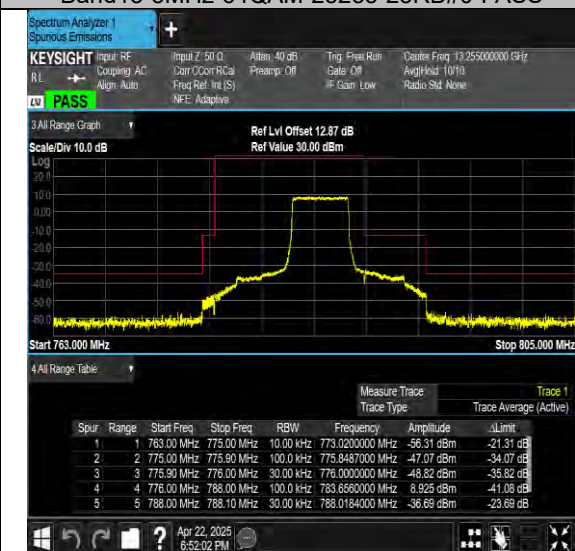
Band13-5MHz-64QAM-23255-1RB#24-PASS



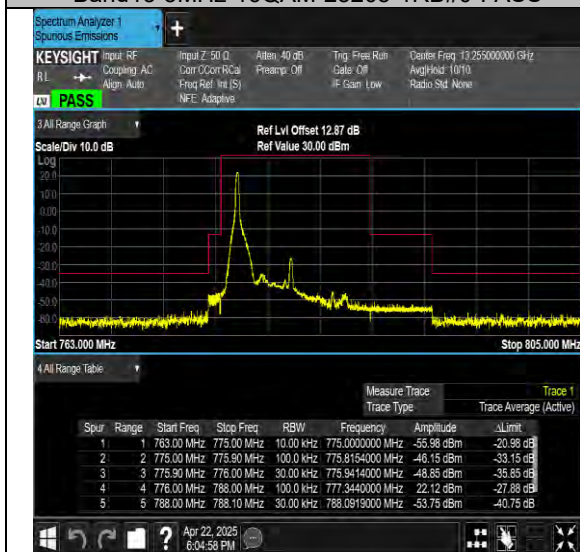
Band13-5MHz-64QAM-23255-25RB#0-PASS



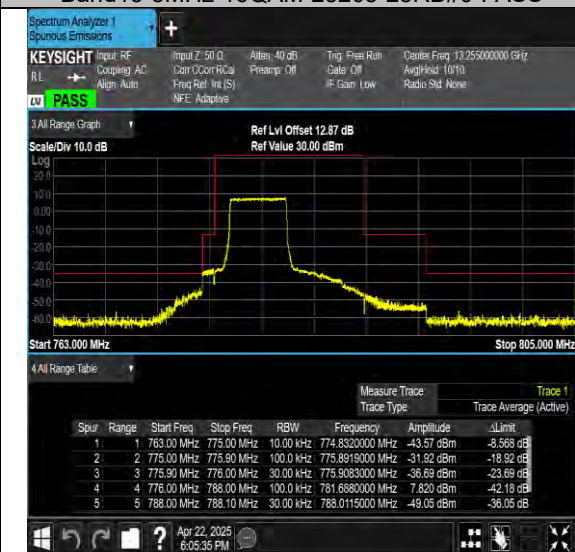
Band13-5MHz-16QAM-23205-1RB#0-PASS



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



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

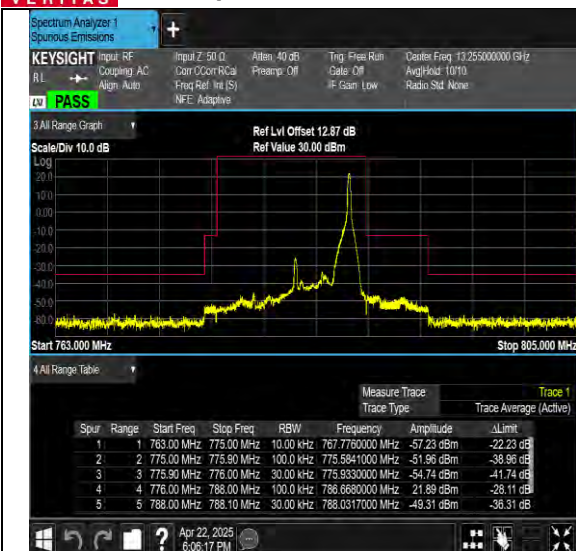


Band13-5MHz-16QAM-23255-25RB#0-PASS

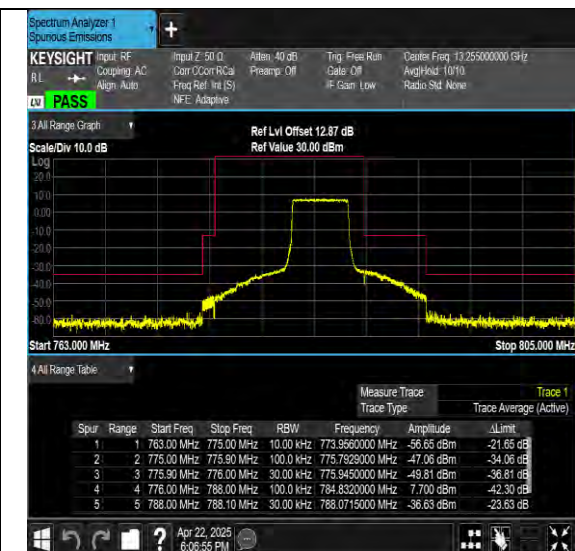


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VERITAS

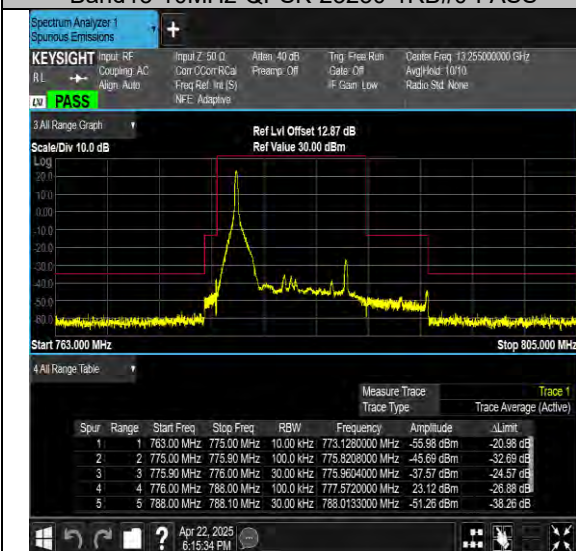
Test Report No.: PSZ-QBJ2504140315RF03



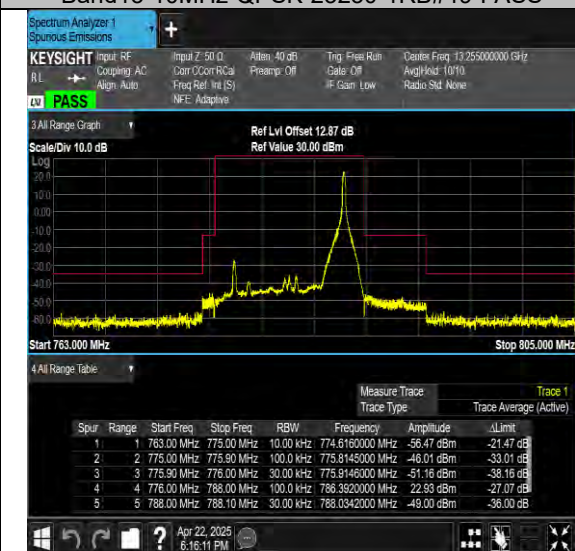
Band13-10MHz-QPSK-23230-1RB#0-PASS



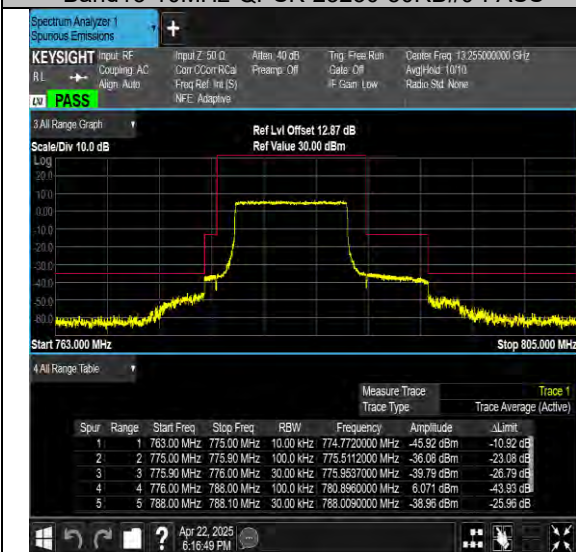
Band13-10MHz-QPSK-23230-1RB#49-PASS



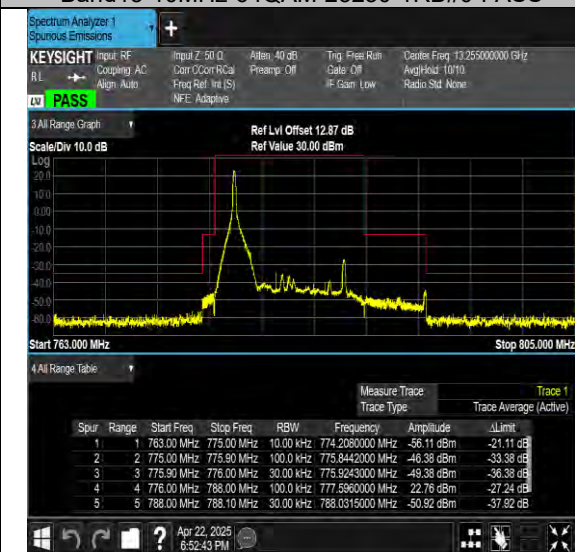
Band13-10MHz-QPSK-23230-50RB#0-PASS



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



Band13-10MHz-64QAM-23230-1RB#49-PASS

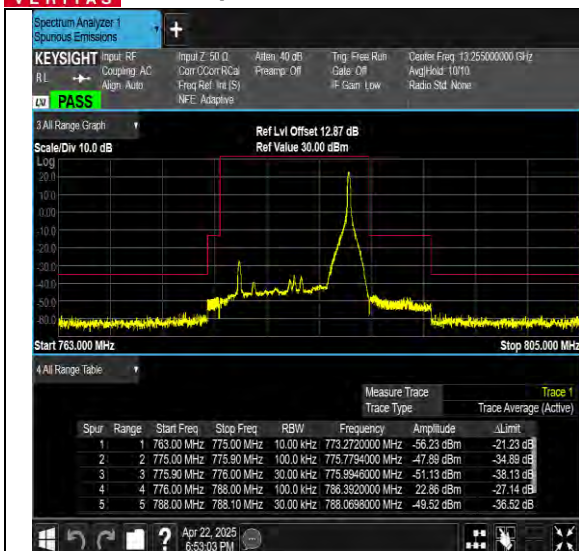


Band13-10MHz-64QAM-23230-50RB#0-PASS

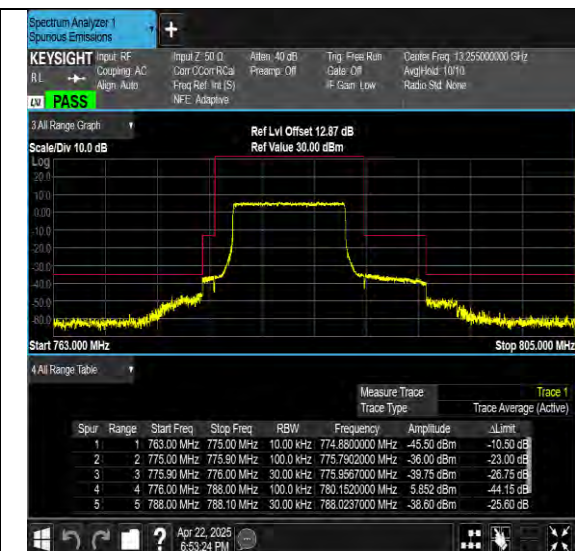


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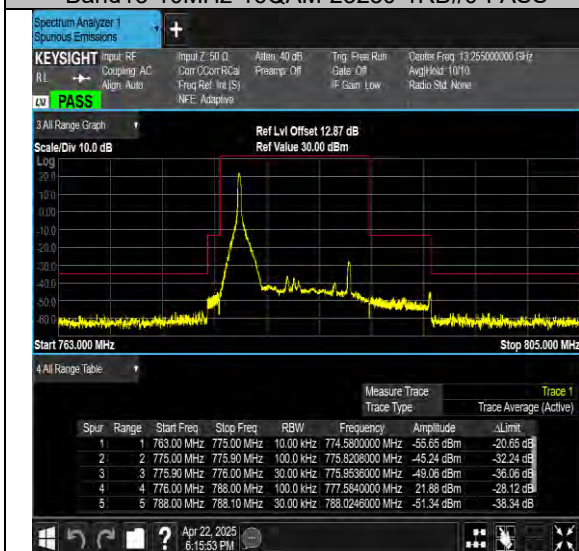
Test Report No.: PSZ-QBJ2504140315RF03



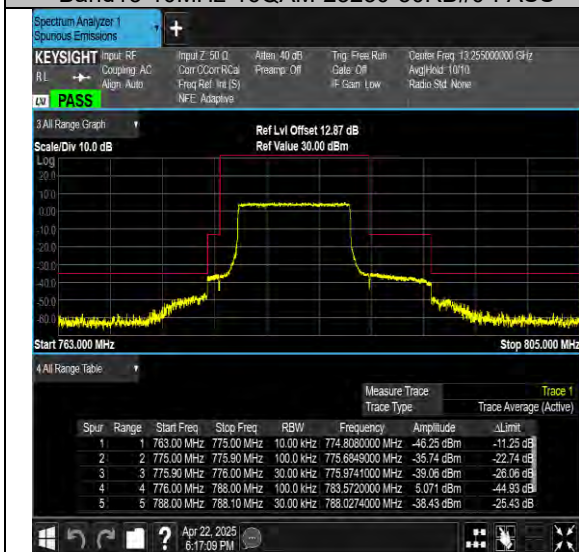
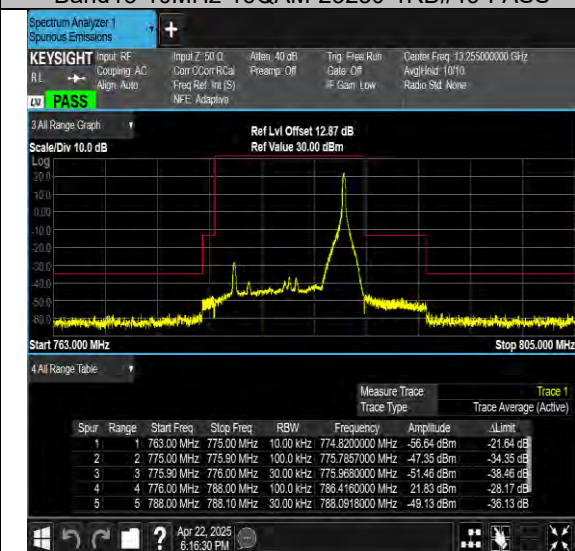
Band13-10MHz-16QAM-23230-1RB#0-PASS



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



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



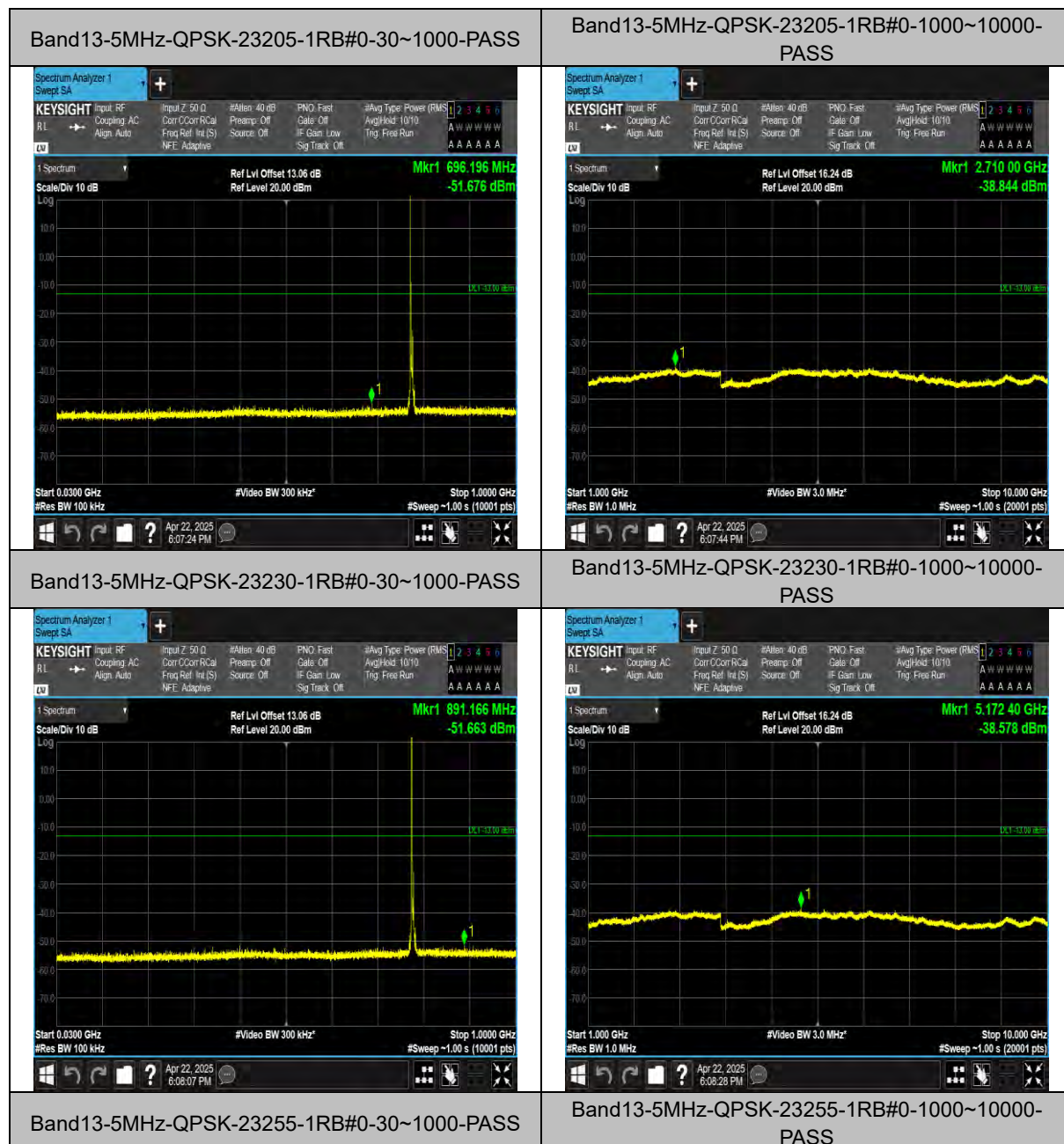


BUREAU VERITAS Test Report No.: PSZ-QBJ2504140315RF03
CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-51.68	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~10000	-38.84	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-51.66	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~10000	-38.58	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-51.40	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~10000	-38.82	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-51.36	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~10000	-39.07	PASS

Test Graphs





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 Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	1150.00	1.4753047	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	1080.00	1.3855035	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	1480.00	1.898653	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-1980.00	-2.523901	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-1700.00	-2.166985	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	-1120.00	-1.427661	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	1300.00	1.6677357	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	1630.00	2.091084	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	1760.00	2.2578576	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	1210.00	1.5522771	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	1860.00	2.386145	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	1590.00	2.0397691	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	1470.00	1.8858242	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	1500.00	1.9243105	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	1310.00	1.6805645	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-1360.00	-1.733588	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-1510.00	-1.924793	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	-1160.00	-1.478649	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	-1400.00	-1.784576	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-1340.00	-1.708094	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-1140.00	-1.453155	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	-1580.00	-2.014022	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-1720.00	-2.192479	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-1940.00	-2.472913	±2.5	PASS

--END--