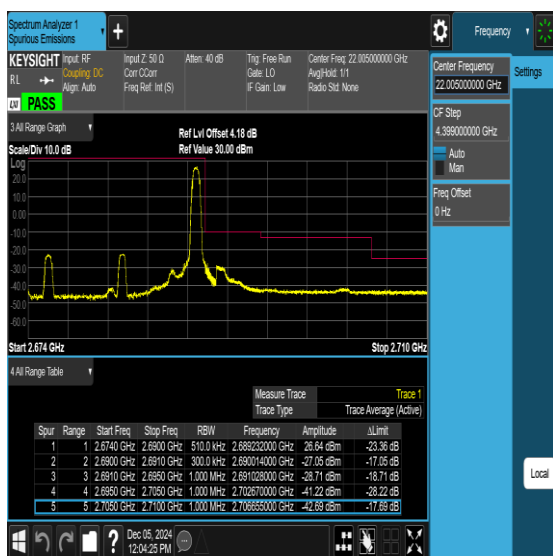




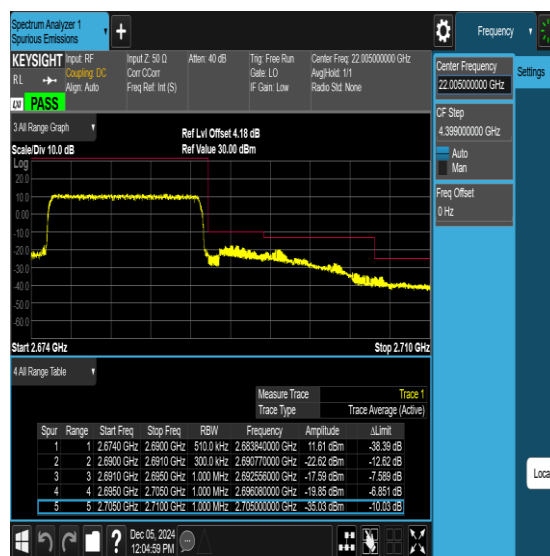
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VERITAS

Test Report No.: PSU-QSU2411180418

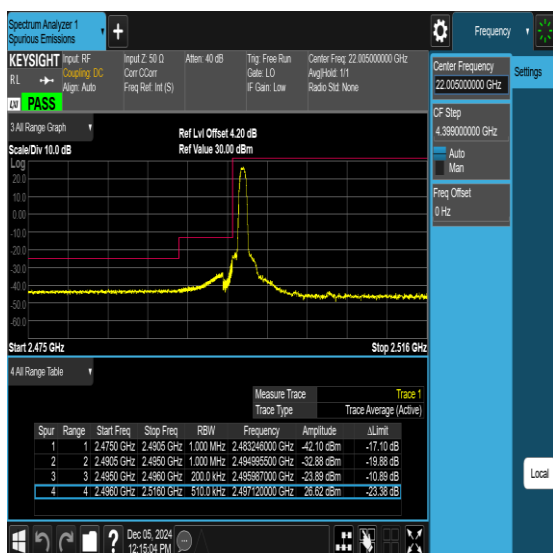
Band41-15MHz-QPSK-41515-1RB#74-PASS



Band41-15MHz-QPSK-41515-75RB#0-PASS



Band41-20MHz-QPSK-39750-1RB#0-PASS



Band41-20MHz-QPSK-39750-100RB#0-PASS

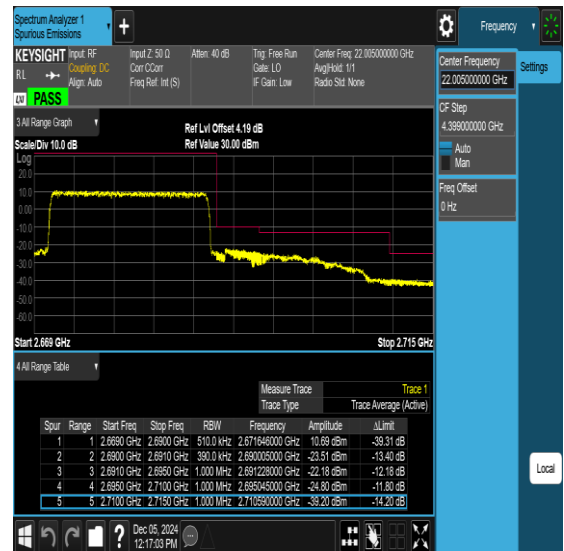
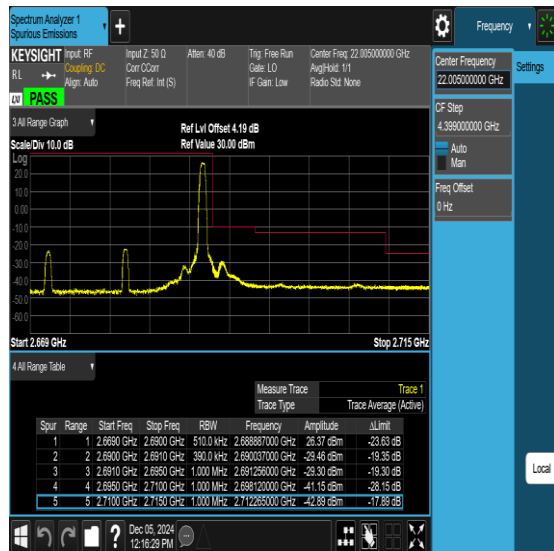


Band41-20MHz-QPSK-41490-1RB#99-PASS



Band41-20MHz-QPSK-41490-100RB#0-PASS





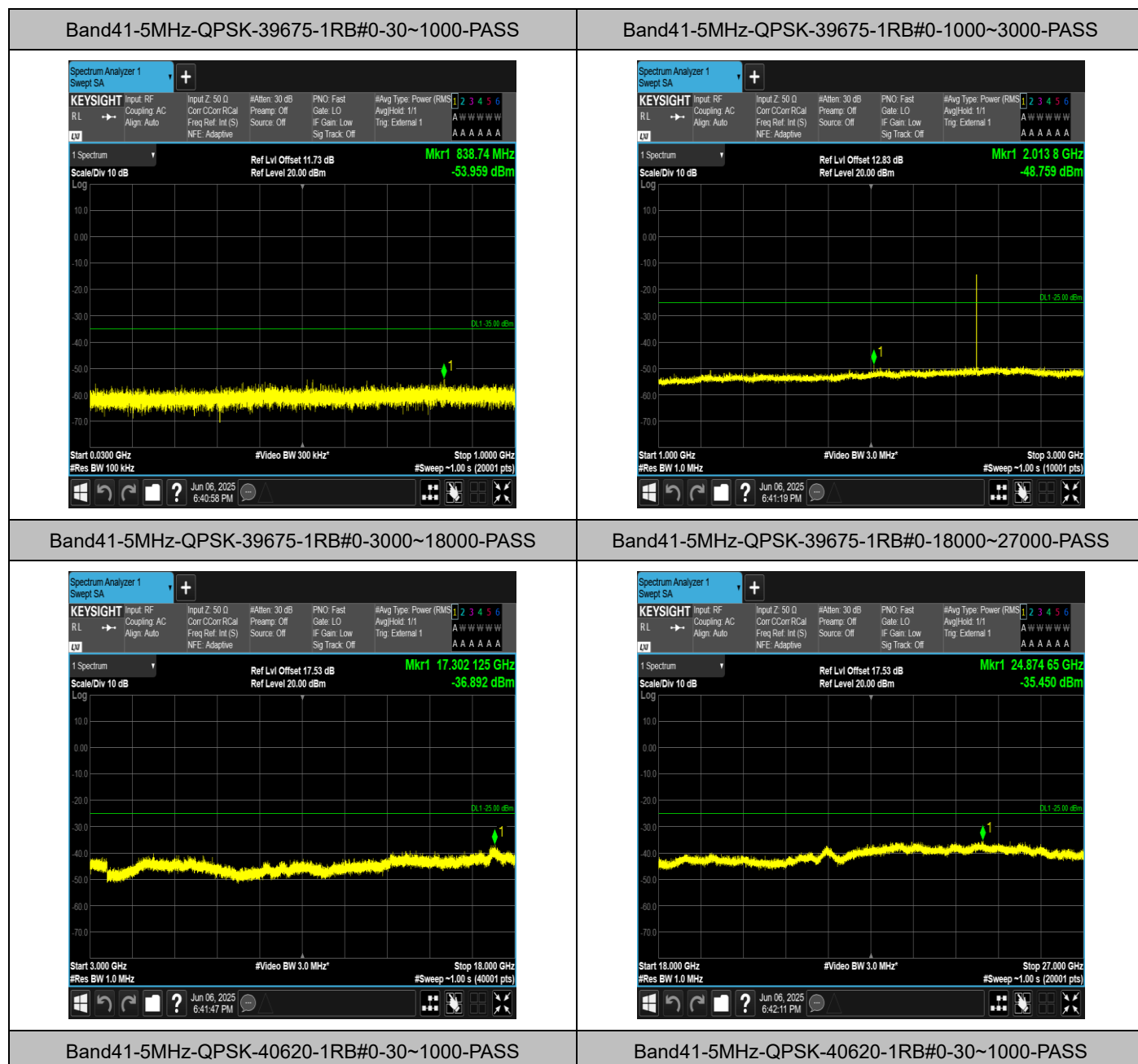
**CONDUCTED SPURIOUS EMISSION****TEST RESULT**

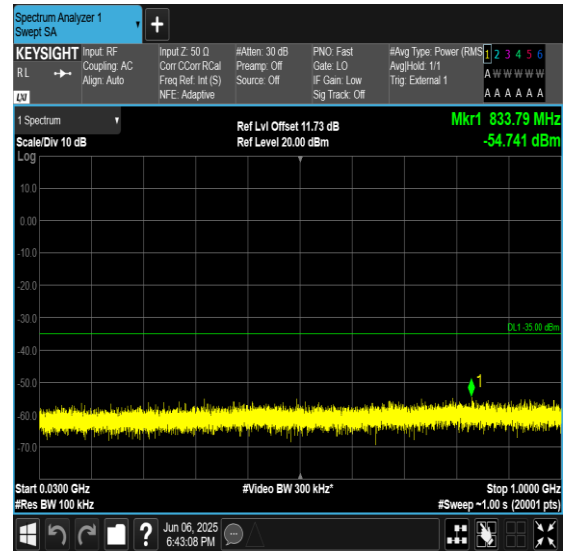
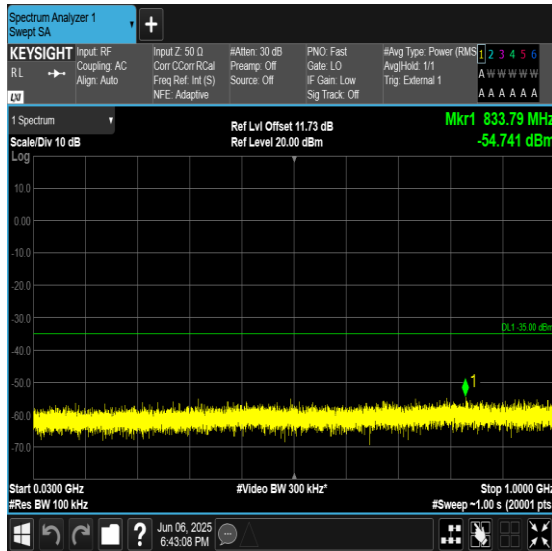
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	30~1000	-53.96	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~3000	-48.76	PASS
Band41	5MHz	QPSK	39675	1RB#0	3000~18000	-36.89	PASS
Band41	5MHz	QPSK	39675	1RB#0	18000~27000	-35.45	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	-54.74	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~3000	-49.09	PASS
Band41	5MHz	QPSK	40620	1RB#0	3000~18000	-36.68	PASS
Band41	5MHz	QPSK	40620	1RB#0	18000~27000	-35.09	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-54.91	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~3000	-49.03	PASS
Band41	5MHz	QPSK	41565	1RB#0	3000~18000	-37.32	PASS
Band41	5MHz	QPSK	41565	1RB#0	18000~27000	-34.90	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000	-54.39	PASS
Band41	10MHz	QPSK	39700	1RB#0	1000~3000	-41.02	PASS
Band41	10MHz	QPSK	39700	1RB#0	3000~18000	-35.62	PASS
Band41	10MHz	QPSK	39700	1RB#0	18000~27000	-35.03	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000	-54.18	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~3000	-48.78	PASS
Band41	10MHz	QPSK	40620	1RB#0	3000~18000	-36.36	PASS
Band41	10MHz	QPSK	40620	1RB#0	18000~27000	-34.72	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	-54.23	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~3000	-48.95	PASS
Band41	10MHz	QPSK	41540	1RB#0	3000~18000	-36.54	PASS
Band41	10MHz	QPSK	41540	1RB#0	18000~27000	-34.49	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000	-54.55	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~3000	-49.23	PASS
Band41	15MHz	QPSK	39725	1RB#0	3000~18000	-36.91	PASS
Band41	15MHz	QPSK	39725	1RB#0	18000~27000	-35.14	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000	-53.94	PASS
Band41	15MHz	QPSK	40620	1RB#0	1000~3000	-48.81	PASS
Band41	15MHz	QPSK	40620	1RB#0	3000~18000	-36.78	PASS
Band41	15MHz	QPSK	40620	1RB#0	18000~27000	-35.01	PASS



Band41	15MHz	QPSK	41515	1RB#0	30~1000	-54.34	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~3000	-48.89	PASS
Band41	15MHz	QPSK	41515	1RB#0	3000~18000	-36.44	PASS
Band41	15MHz	QPSK	41515	1RB#0	18000~27000	-34.74	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	-53.12	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~3000	-48.51	PASS
Band41	20MHz	QPSK	39750	1RB#0	3000~18000	-36.23	PASS
Band41	20MHz	QPSK	39750	1RB#0	18000~27000	-35.58	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	-53.84	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~3000	-49.08	PASS
Band41	20MHz	QPSK	40620	1RB#0	3000~18000	-36.67	PASS
Band41	20MHz	QPSK	40620	1RB#0	18000~27000	-34.65	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	-54.33	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~3000	-48.65	PASS
Band41	20MHz	QPSK	41490	1RB#0	3000~18000	-36.70	PASS
Band41	20MHz	QPSK	41490	1RB#0	18000~27000	-33.74	PASS

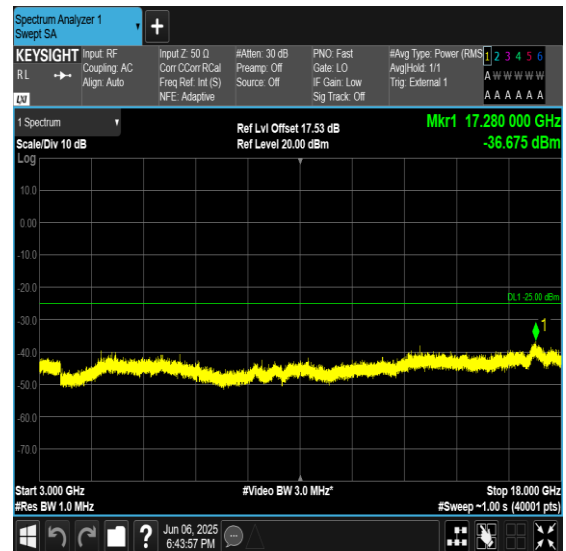
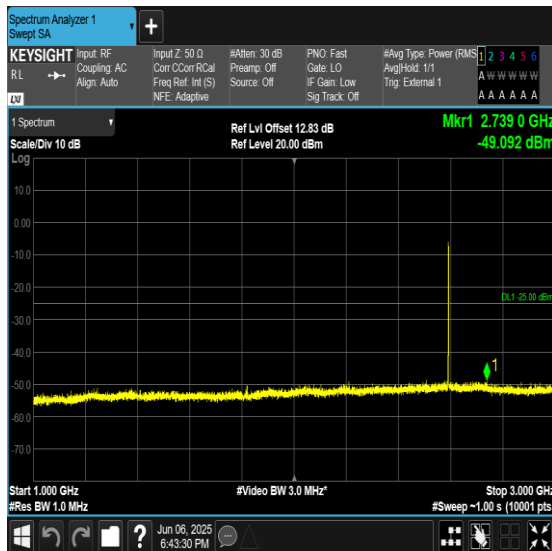
TEST GRAPHS





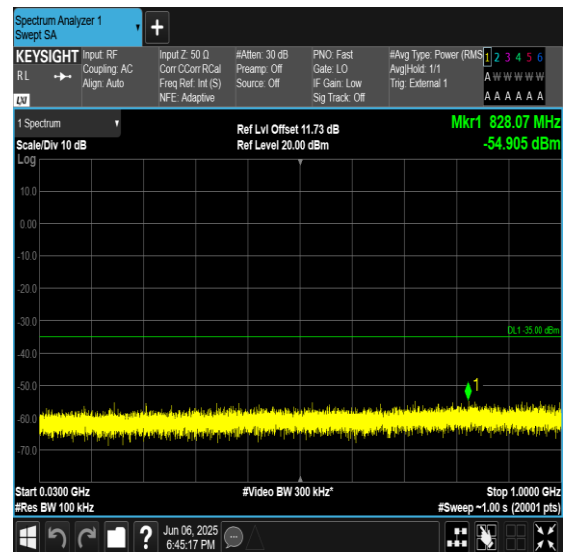
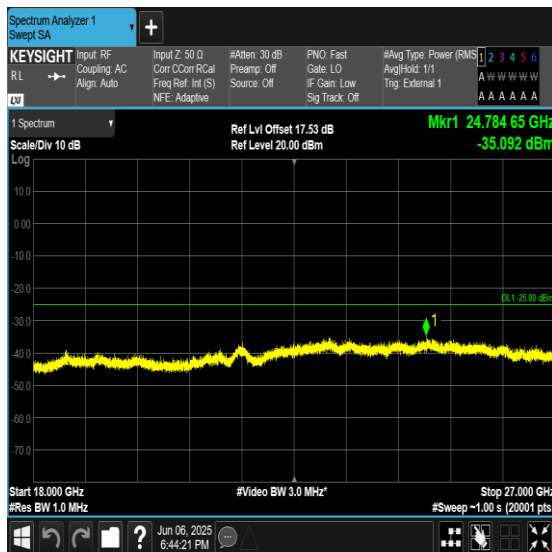
Band41-5MHz-QPSK-40620-1RB#0-1000~3000-PASS

Band41-5MHz-QPSK-40620-1RB#0-3000~18000-PASS



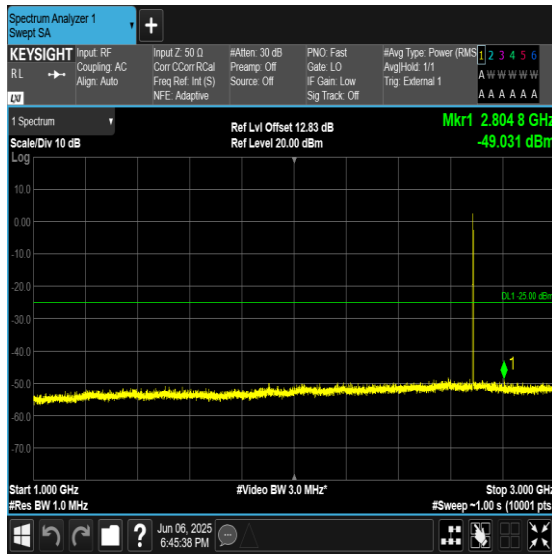
Band41-5MHz-QPSK-40620-1RB#0-18000~27000-PASS

Band41-5MHz-QPSK-41565-1RB#0-30~1000-PASS

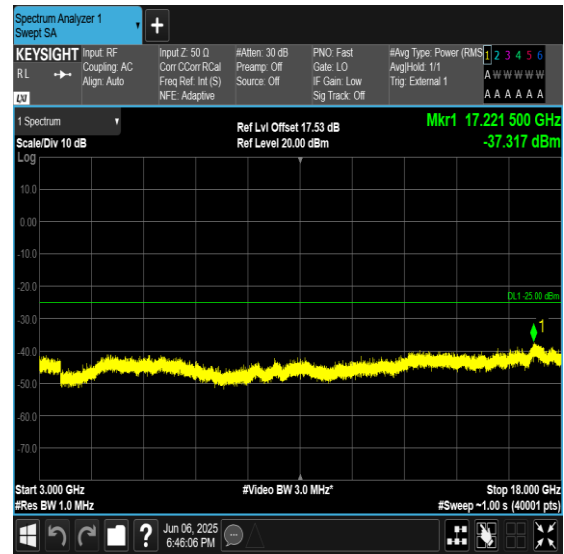




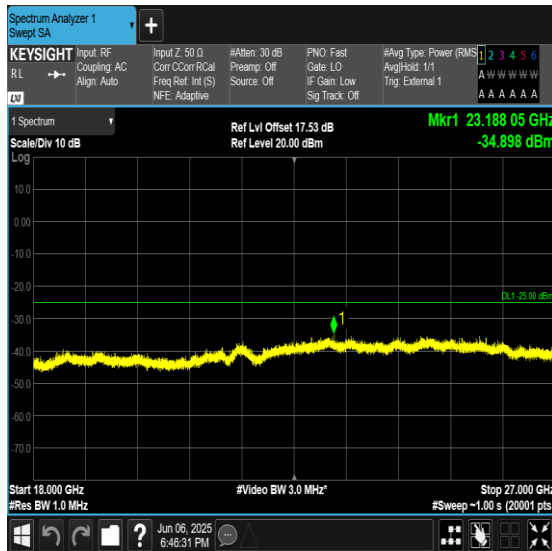
Band41-5MHz-QPSK-41565-1RB#0-1000~3000-PASS



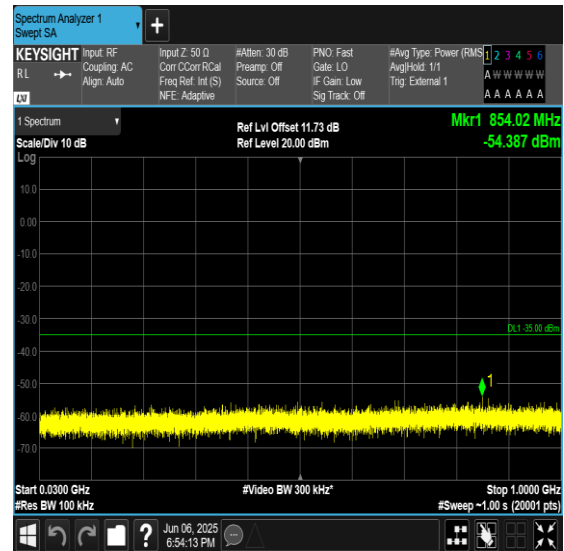
Band41-5MHz-QPSK-41565-1RB#0-3000~18000-PASS



Band41-5MHz-QPSK-41565-1RB#0-18000~27000-PASS

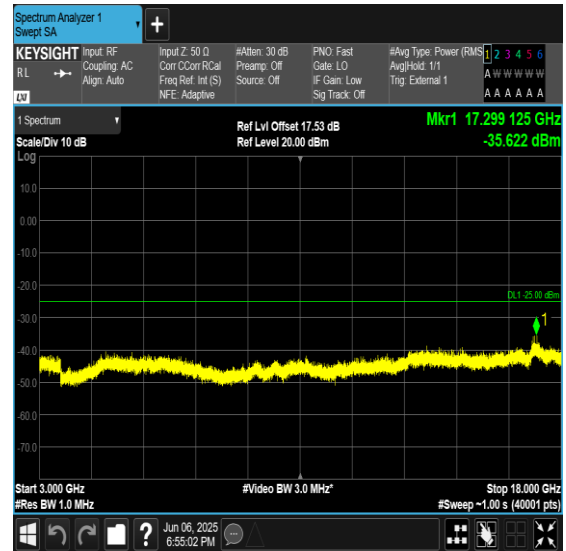
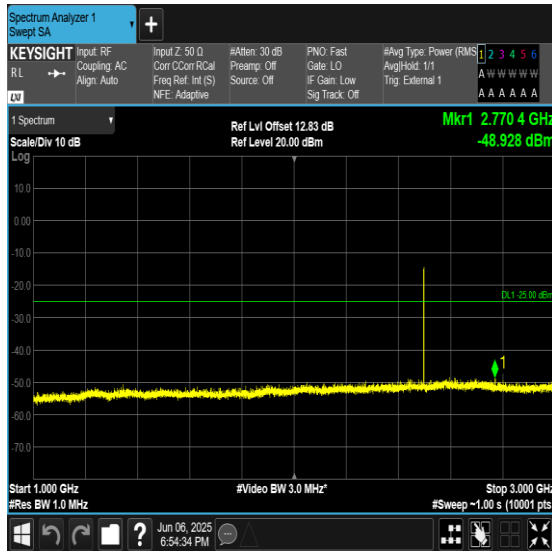


Band41-10MHz-QPSK-39700-1RB#0-30~1000-PASS



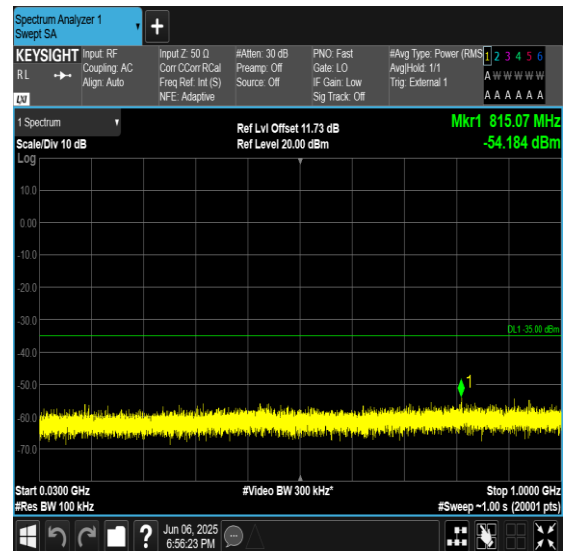
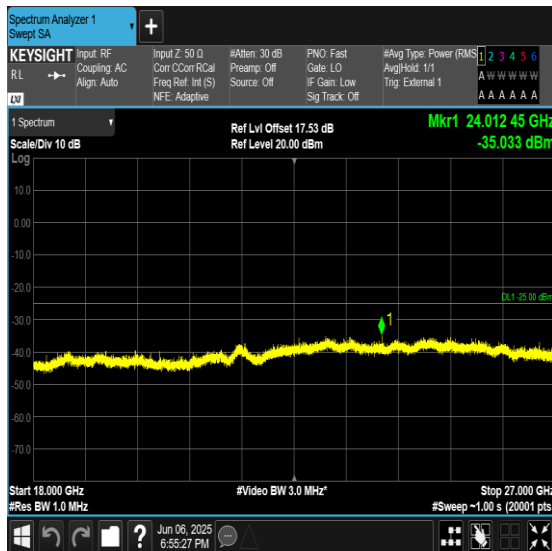
Band41-10MHz-QPSK-39700-1RB#0-1000~3000-PASS

Band41-10MHz-QPSK-39700-1RB#0-3000~18000-PASS



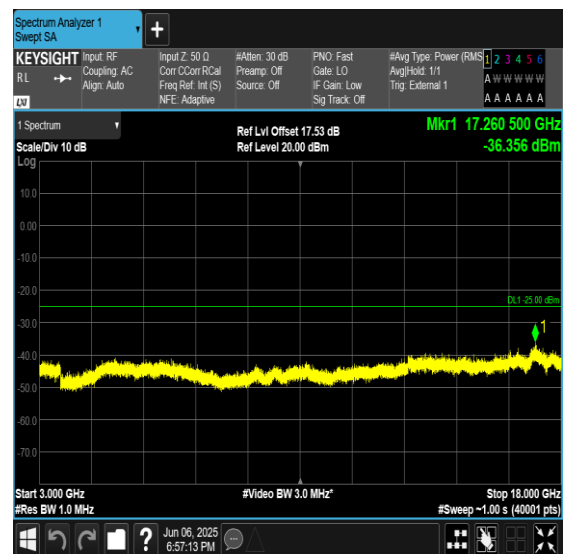
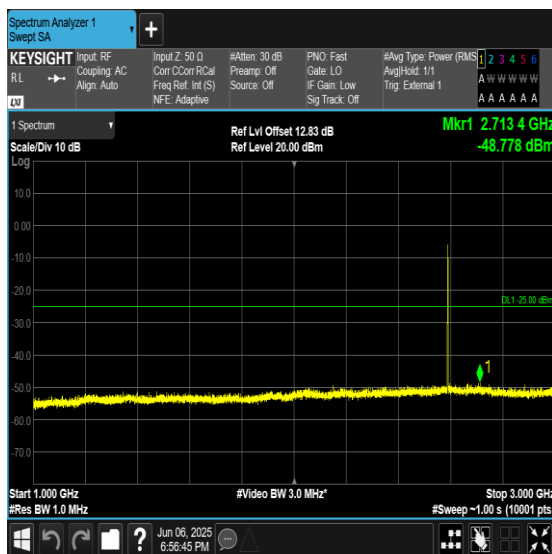
Band41-10MHz-QPSK-39700-1RB#0-18000~27000-PASS

Band41-10MHz-QPSK-40620-1RB#0-30~1000-PASS



Band41-10MHz-QPSK-40620-1RB#0-1000~3000-PASS

Band41-10MHz-QPSK-40620-1RB#0-3000~18000-PASS

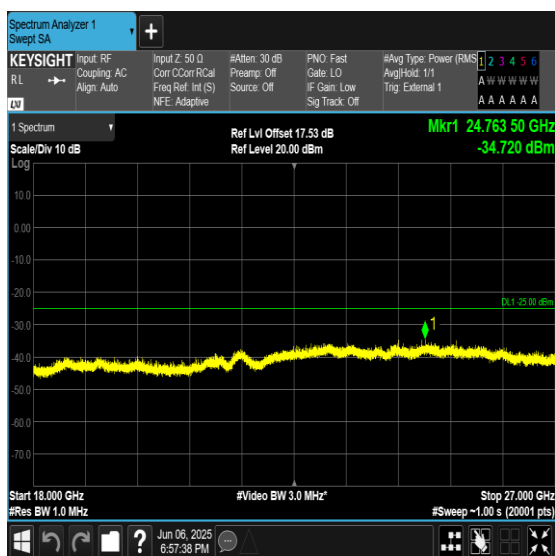




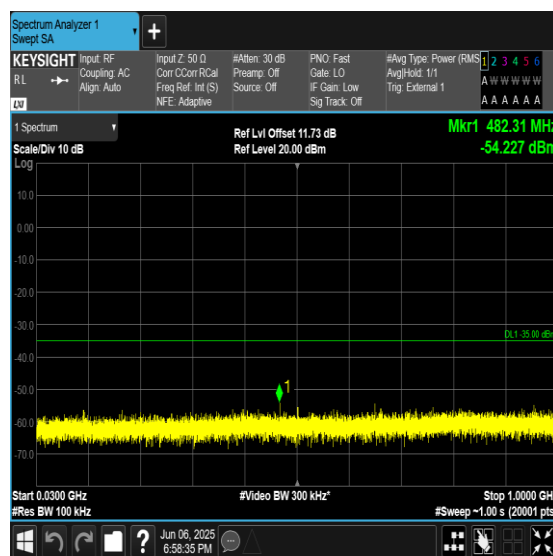
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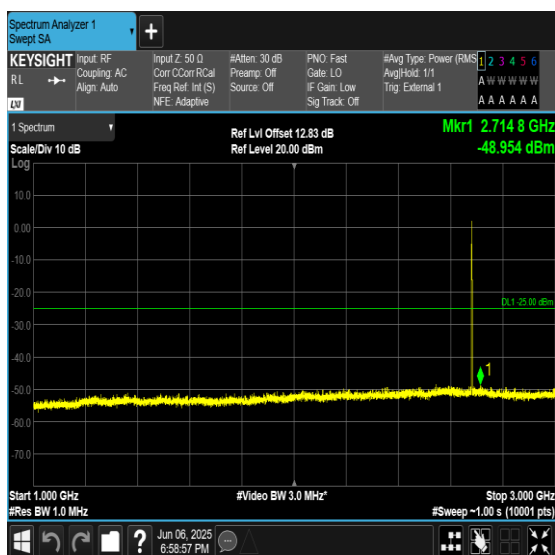
Band41-10MHz-QPSK-40620-1RB#0-18000~27000-PASS



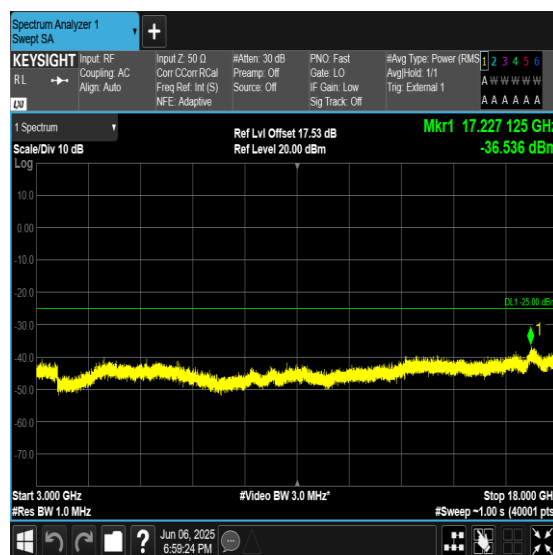
Band41-10MHz-QPSK-41540-1RB#0-30~1000-PASS



Band41-10MHz-QPSK-41540-1RB#0-1000~3000-PASS

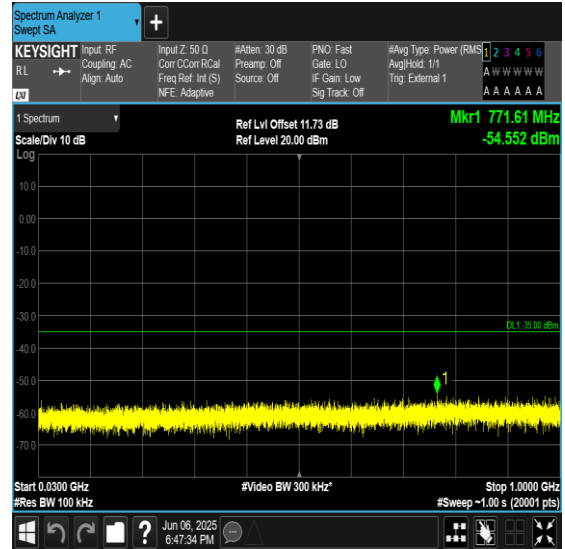
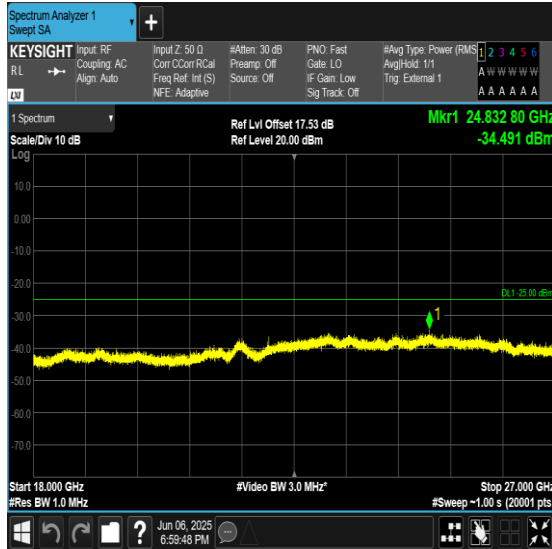


Band41-10MHz-QPSK-41540-1RB#0-3000~18000-PASS



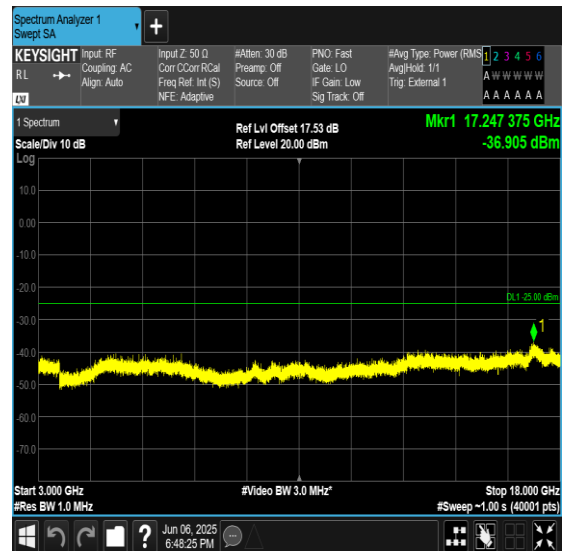
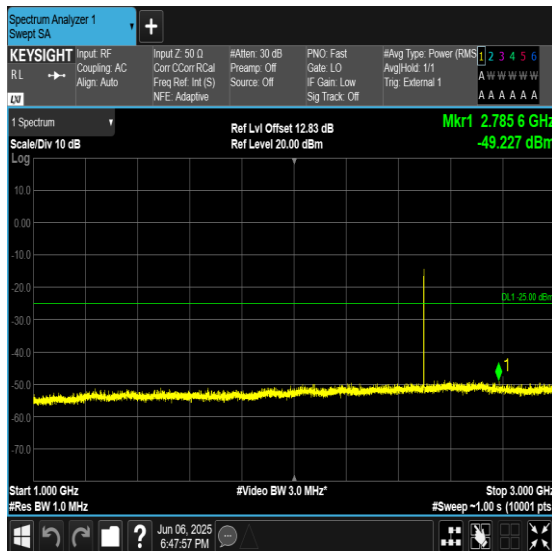
Band41-10MHz-QPSK-41540-1RB#0-18000~27000-PASS

Band41-15MHz-QPSK-39725-1RB#0-30~1000-PASS



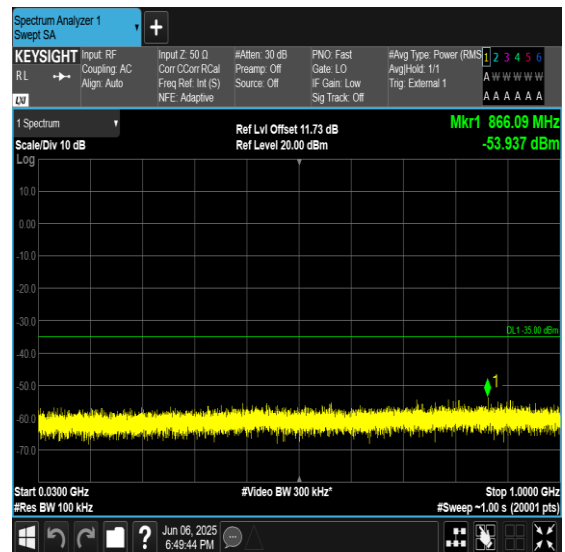
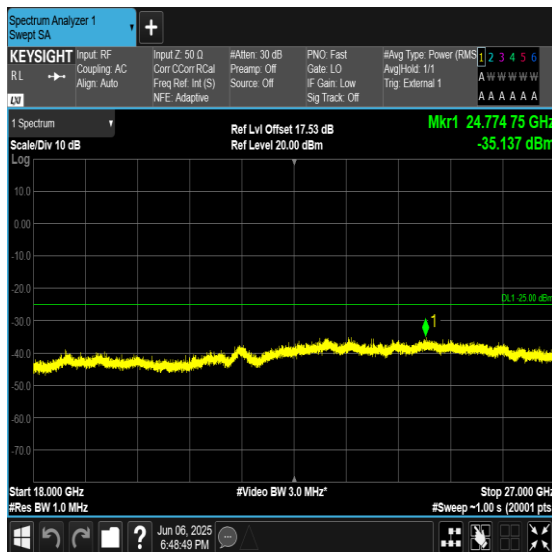
Band41-15MHz-QPSK-39725-1RB#0-1000~3000-PASS

Band41-15MHz-QPSK-39725-1RB#0-3000~18000-PASS



Band41-15MHz-QPSK-39725-1RB#0-18000~27000-PASS

Band41-15MHz-QPSK-40620-1RB#0-30~1000-PASS

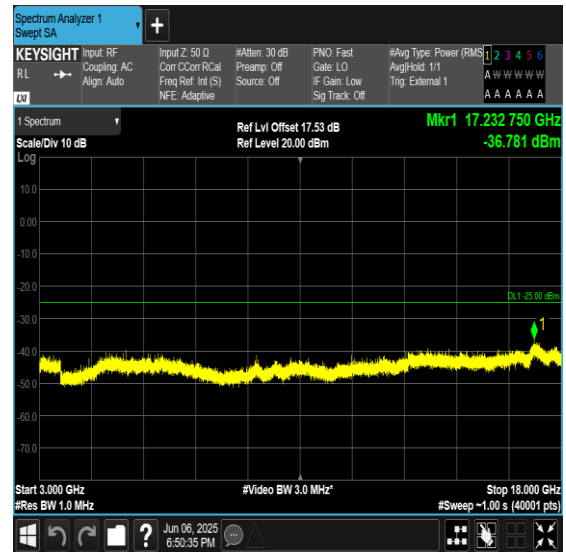




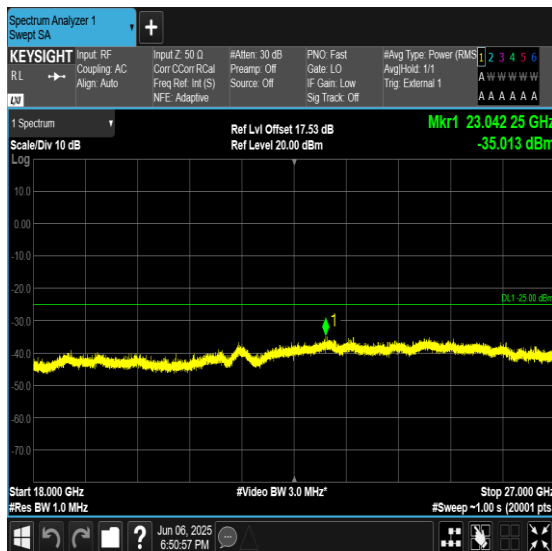
Band41-15MHz-QPSK-40620-1RB#0-1000~3000-PASS



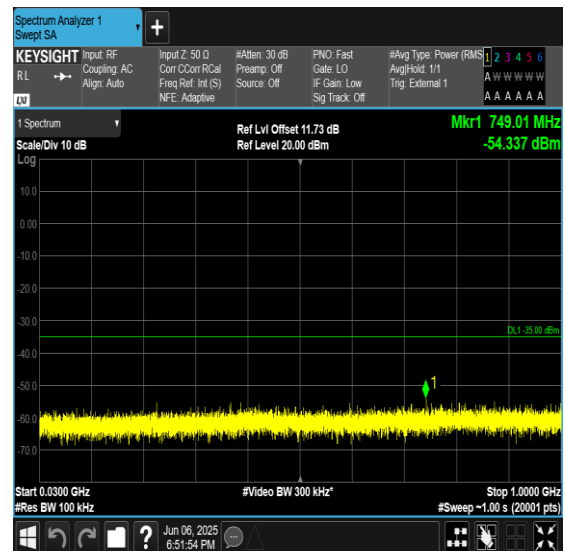
Band41-15MHz-QPSK-40620-1RB#0-3000~18000-PASS



Band41-15MHz-QPSK-40620-1RB#0-18000~27000-PASS

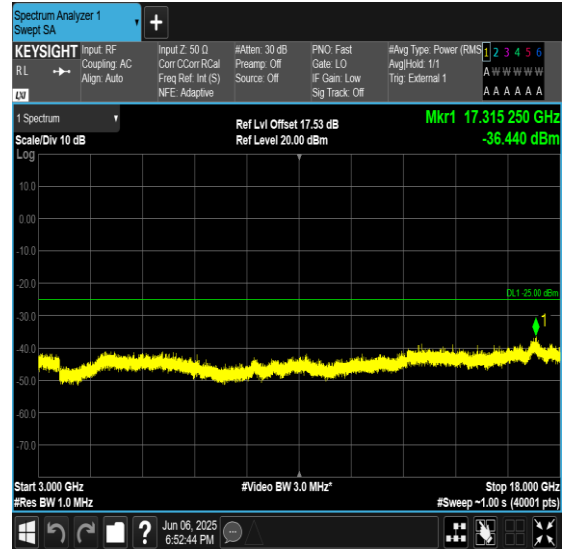
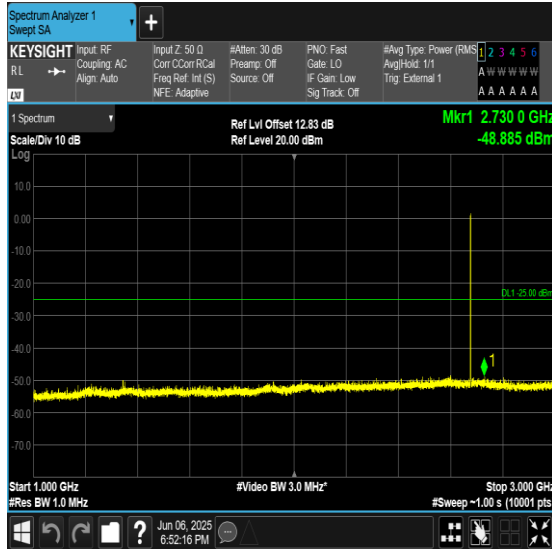


Band41-15MHz-QPSK-41515-1RB#0-30~1000-PASS



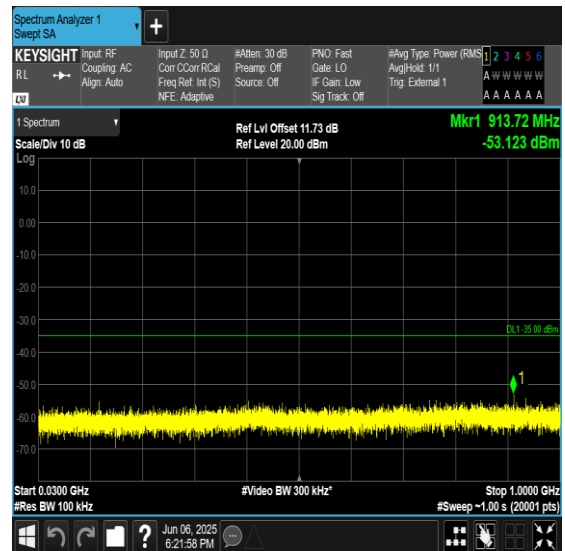
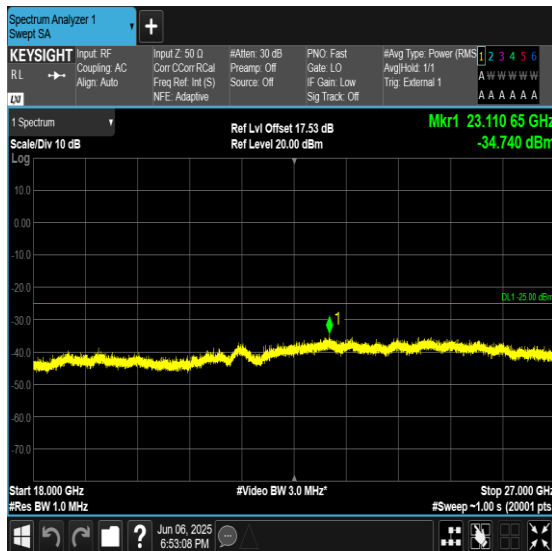
Band41-15MHz-QPSK-41515-1RB#0-1000~3000-PASS

Band41-15MHz-QPSK-41515-1RB#0-3000~18000-PASS



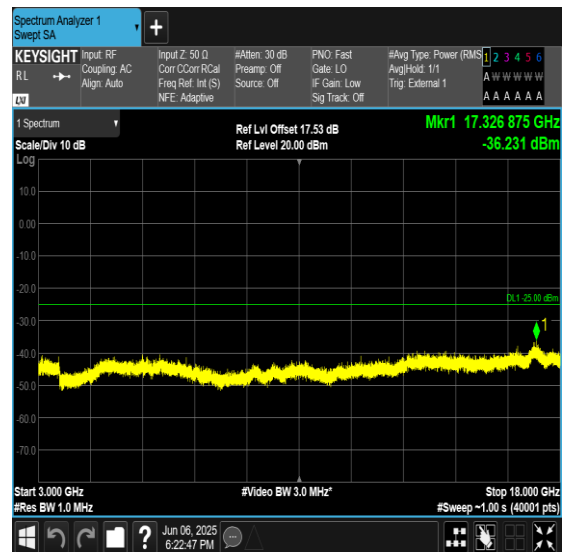
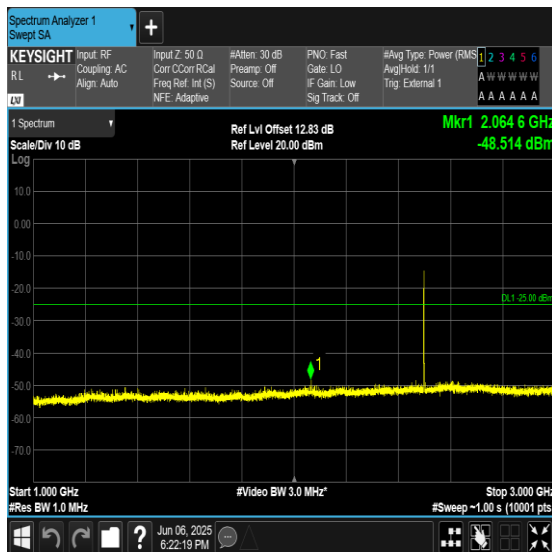
Band41-15MHz-QPSK-41515-1RB#0-18000~27000-PASS

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



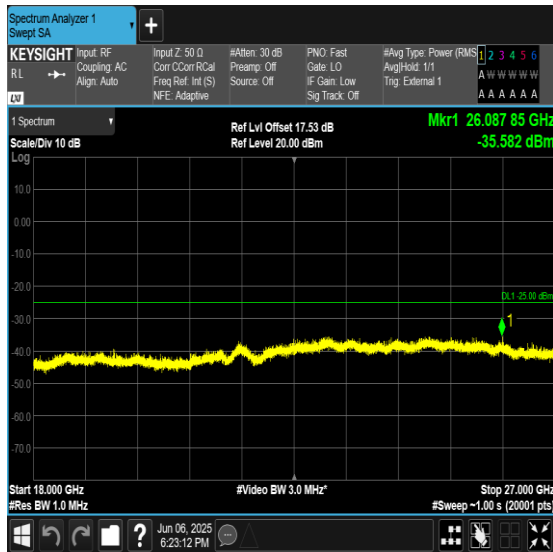
Band41-20MHz-QPSK-39750-1RB#0-1000~3000-PASS

Band41-20MHz-QPSK-39750-1RB#0-3000~18000-PASS

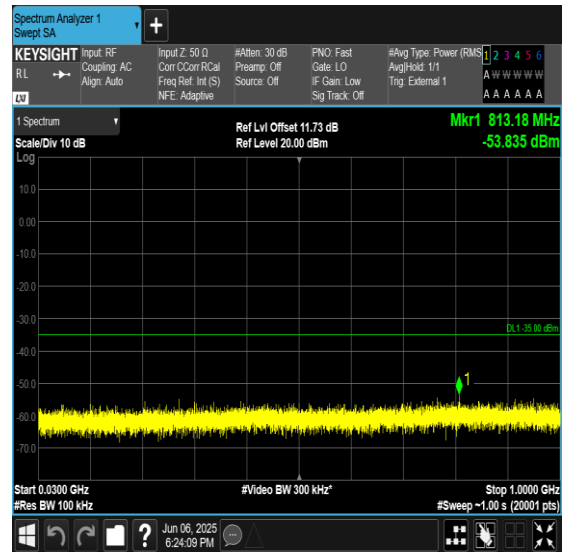




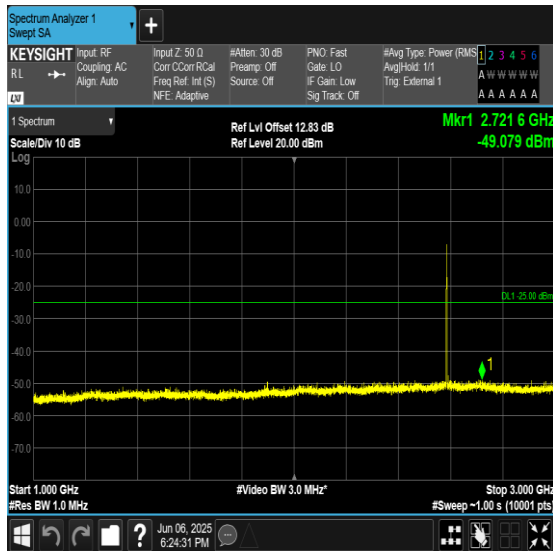
Band41-20MHz-QPSK-39750-1RB#0-18000~27000-PASS



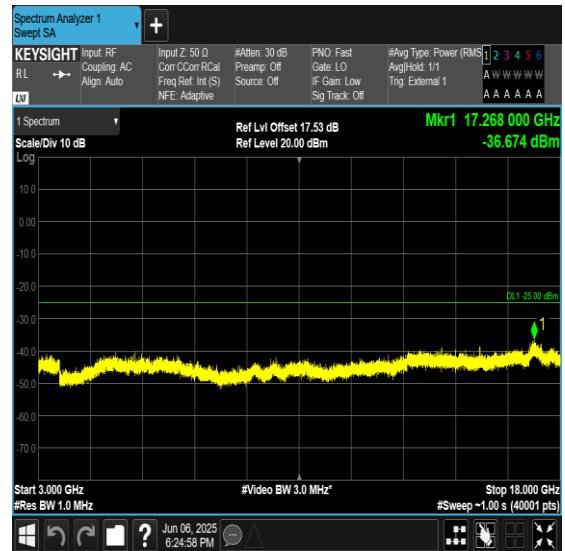
Band41-20MHz-QPSK-40620-1RB#0-30~1000-PASS



Band41-20MHz-QPSK-40620-1RB#0-1000~3000-PASS

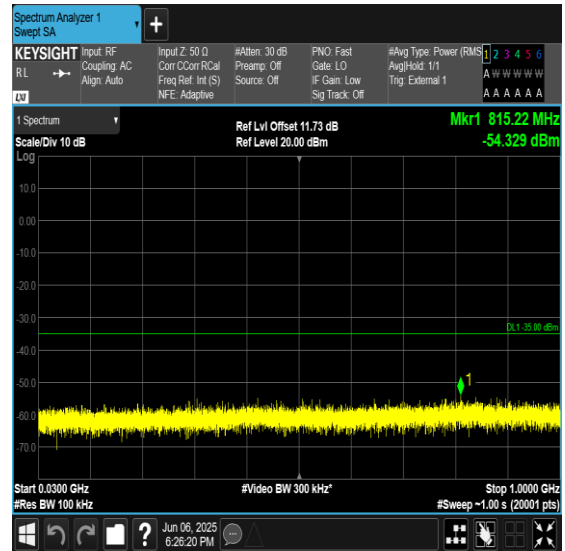
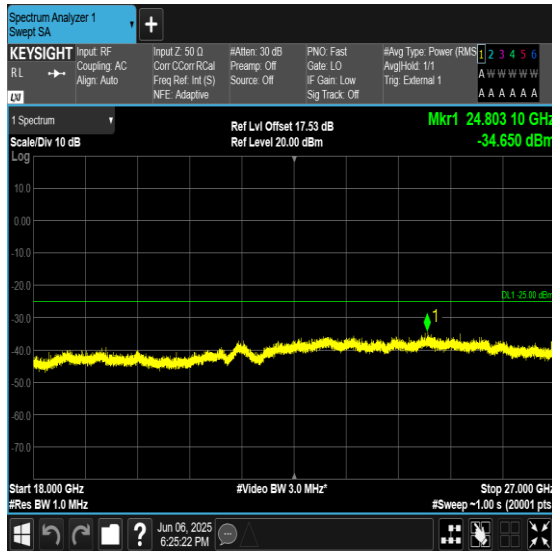


Band41-20MHz-QPSK-40620-1RB#0-3000~18000-PASS



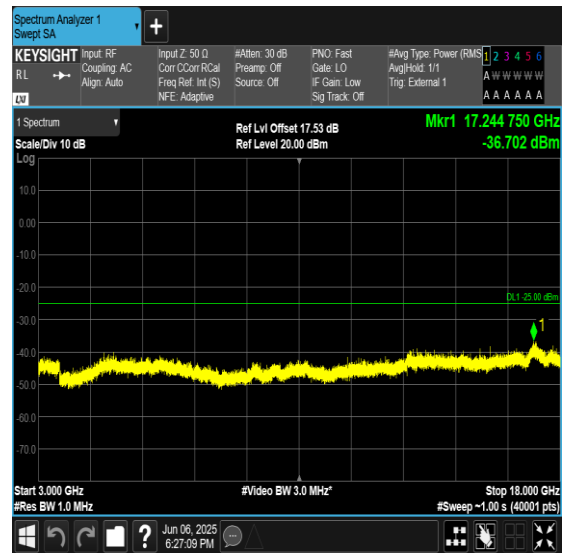
Band41-20MHz-QPSK-40620-1RB#0-18000~27000-PASS

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

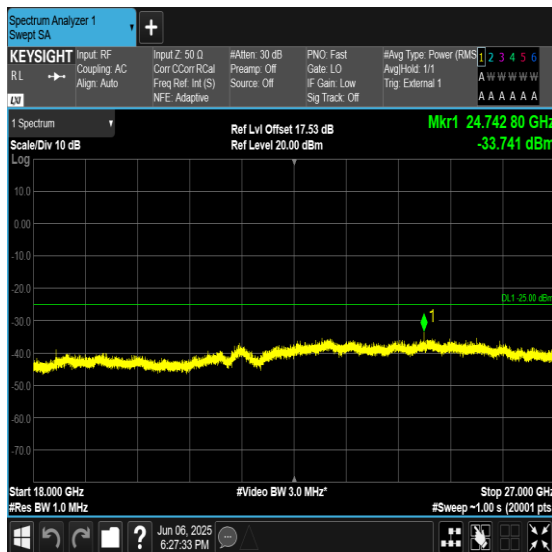


Band41-20MHz-QPSK-41490-1RB#0-1000~3000-PASS

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



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





FREQUENCY STABILITY

TEST RESULT

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band41	10MHz	QPSK	39700	50RB#0	VN	NT	1034.12	0.41	2496.53375	--	2496- 2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	VL	NT	947.85	0.38	2496.54337	--	2496- 2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	VH	NT	844.02	0.34	2496.54842	--	2496- 2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	VN	NT	956.09	0.36	--	2689.47684	2496- 2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	VL	NT	864.46	0.32	--	2689.47731	2496- 2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	VH	NT	845.14	0.31	--	2689.47637	2496- 2690	PASS



Temperature												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band41	10MHz	QPSK	39700	50RB#0	NV	-30	1069.31	0.43	2496.53832	--	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-20	958.13	0.38	2496.54247	--	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-10	939.31	0.38	2496.53914	--	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	784.84	0.31	2496.53609	--	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	721.98	0.29	2496.53637	--	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	688.12	0.28	2496.53741	--	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	583.87	0.23	2496.54254	--	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	437.04	0.17	2496.54671	--	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	50	393.74	0.16	2496.53347	--	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-30	978.55	0.36	--	2689.47826	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-20	937.22	0.35	--	2689.47749	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-10	930.14	0.35	--	2689.47557	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	692.42	0.26	--	2689.47643	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	10	478.44	0.18	--	2689.47274	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	308.45	0.11	--	2689.48092	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	830.22	0.31	--	2689.48387	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	699.90	0.26	--	2689.48446	2496-2690	PASS



Band41	10MHz	QPSK	41540	50RB#0	NV	50	1280.96	0.48	--	2689.47524	2496- 2690	PASS
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LTE BAND42

PEAK-TO-AVERAGE RATIO(CCDF)

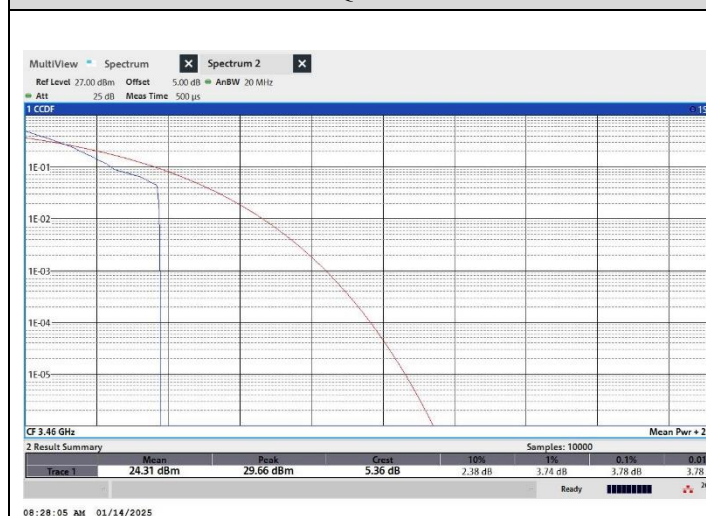
TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band42	20MHz	QPSK	42190	1RB#0	3.78	13	PASS
Band42	20MHz	QPSK	42190	100RB#0	4.32	13	PASS
Band42	20MHz	QPSK	42590	1RB#0	3.96	13	PASS
Band42	20MHz	QPSK	42590	100RB#0	4.78	13	PASS
Band42	20MHz	QPSK	42990	1RB#0	3.78	13	PASS
Band42	20MHz	QPSK	42990	100RB#0	4.42	13	PASS
Band42	20MHz	16QAM	42190	1RB#0	5.64	13	PASS
Band42	20MHz	16QAM	42190	100RB#0	6.36	13	PASS
Band42	20MHz	16QAM	42590	1RB#0	4.80	13	PASS
Band42	20MHz	16QAM	42590	100RB#0	5.82	13	PASS
Band42	20MHz	16QAM	42990	1RB#0	4.52	13	PASS
Band42	20MHz	16QAM	42990	100RB#0	5.54	13	PASS
Band42	20MHz	64QAM	42190	1RB#0	5.64	13	PASS
Band42	20MHz	64QAM	42190	100RB#0	6.36	13	PASS
Band42	20MHz	64QAM	42590	1RB#0	5.88	13	PASS
Band42	20MHz	64QAM	42590	100RB#0	6.58	13	PASS
Band42	20MHz	64QAM	42990	1RB#0	5.66	13	PASS
Band42	20MHz	64QAM	42990	100RB#0	6.44	13	PASS
Band42	20MHz	256QAM	42190	1RB#0	5.50	13	PASS
Band42	20MHz	256QAM	42190	100RB#0	6.82	13	PASS
Band42	20MHz	256QAM	42590	1RB#0	7.48	13	PASS
Band42	20MHz	256QAM	42590	100RB#0	6.82	13	PASS
Band42	20MHz	256QAM	42990	1RB#0	5.36	13	PASS
Band42	20MHz	256QAM	42990	100RB#0	6.53	13	PASS

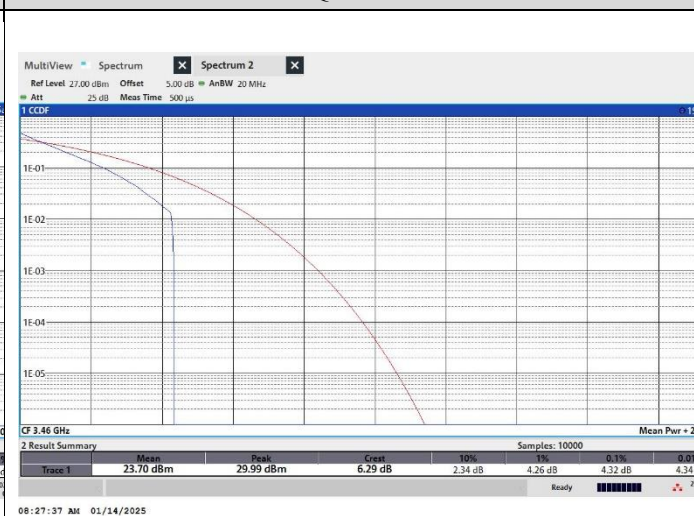


TEST GRAPHS

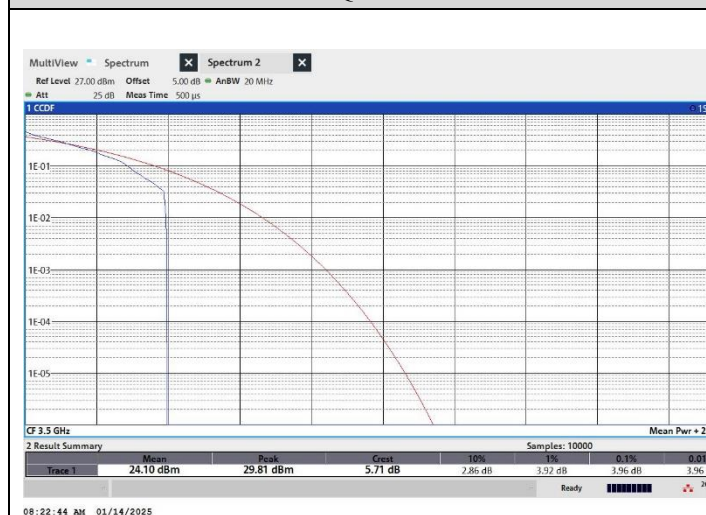
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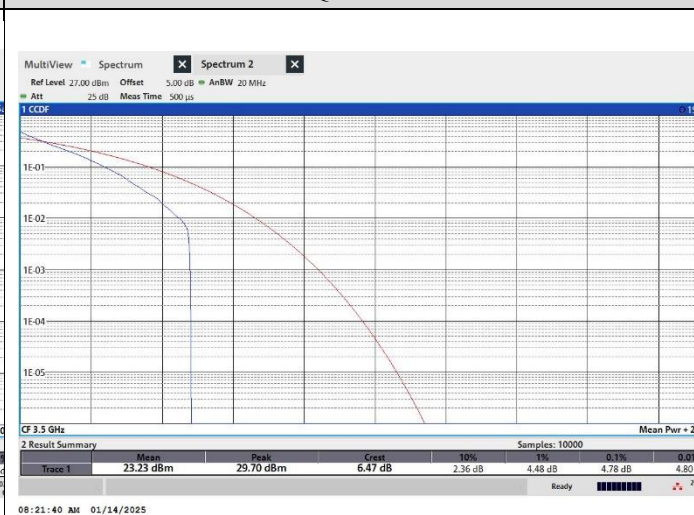
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Band42-20MHz-QPSK-42590-1RB#0



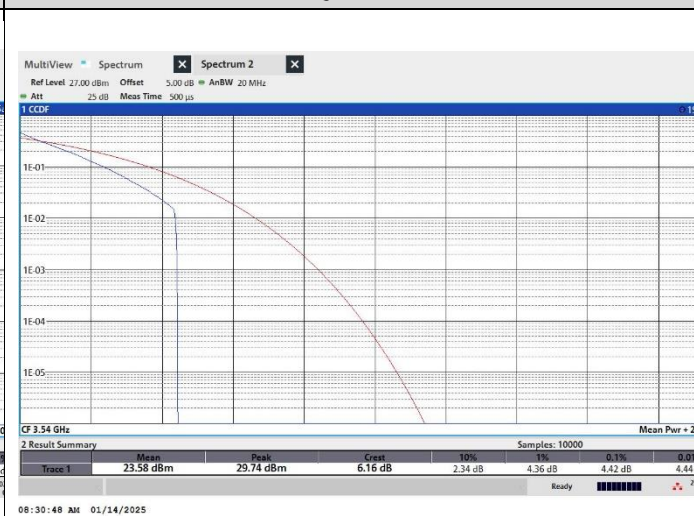
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Band42-20MHz-QPSK-42990-1RB#0



Band42-20MHz-QPSK-42990-100RB#0

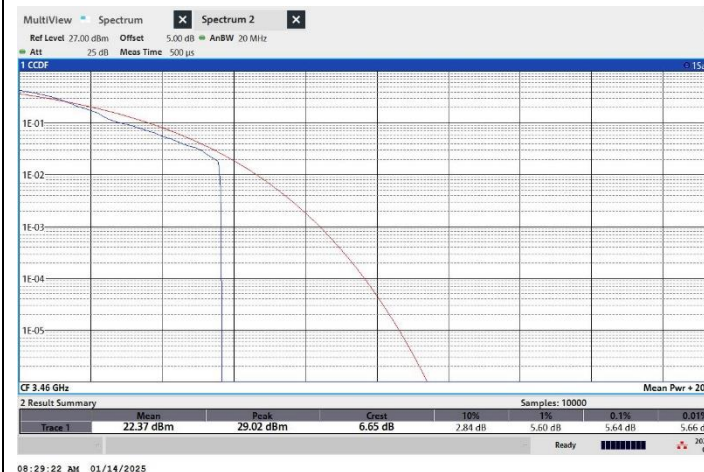




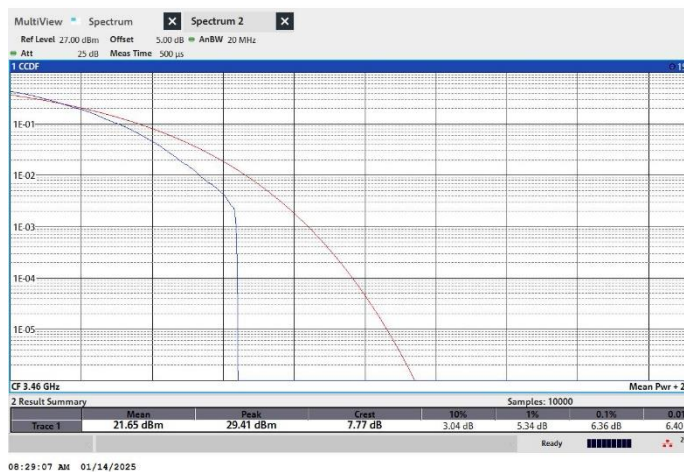
BUREAU
VERITAS

Test Report No.: PSU-QSU2411180418

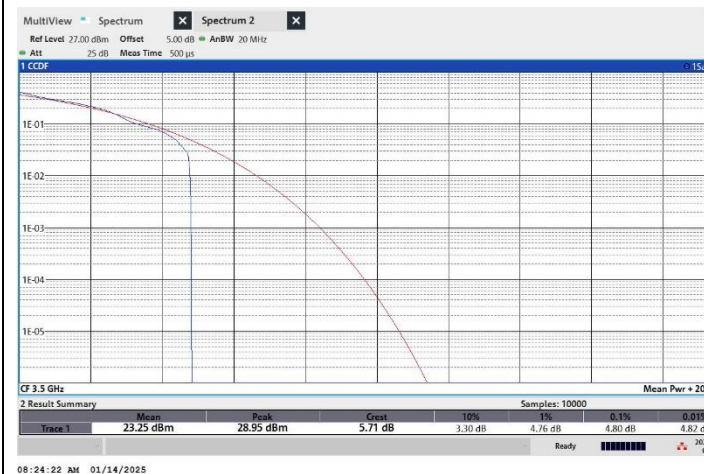
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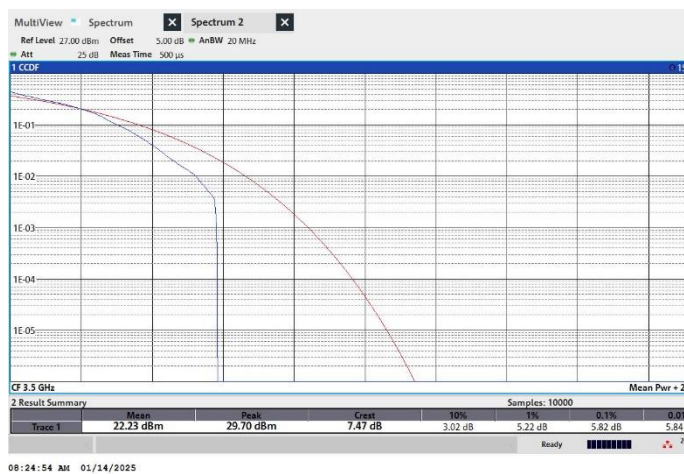
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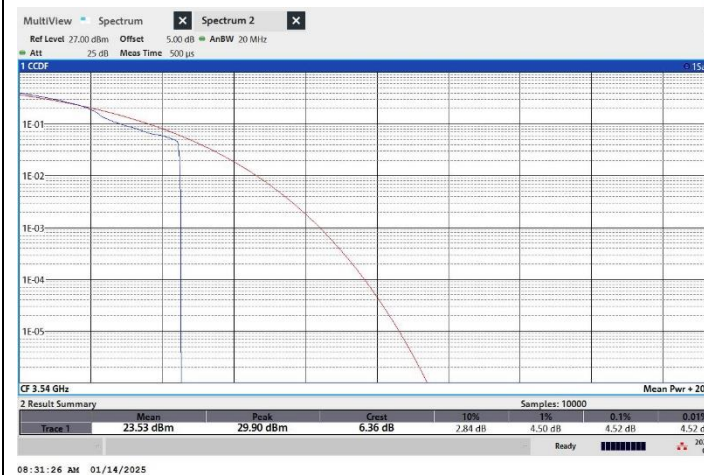
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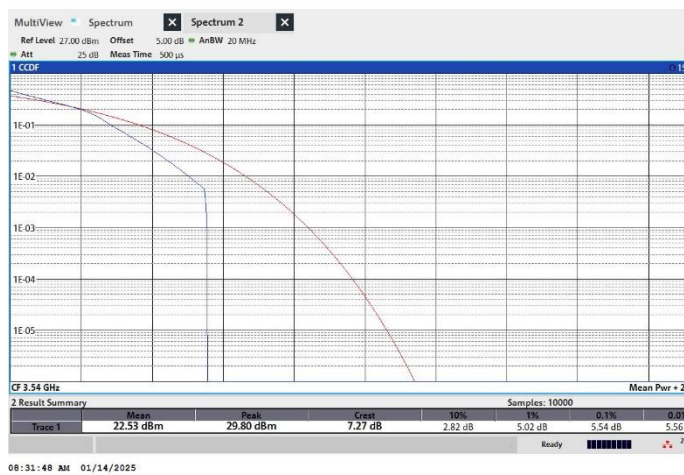
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Band42-20MHz-16QAM-42990-1RB#0



Band42-20MHz-16QAM-42990-100RB#0



Band42-20MHz-64QAM-42190-1RB#0

Band42-20MHz-64QAM-42190-100RB#0

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

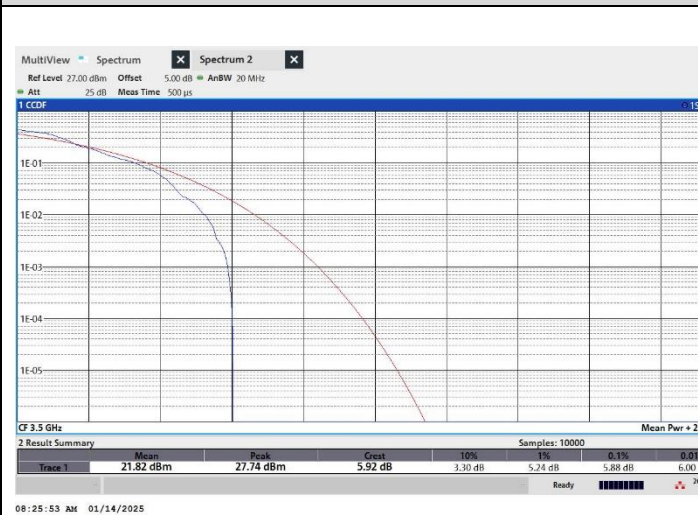
Tower N, Innovation Center, 88 Zuyi Road, High-tech District,
Suzhou City, Anhui Province, China

Tel: +86 (0557) 368 1008



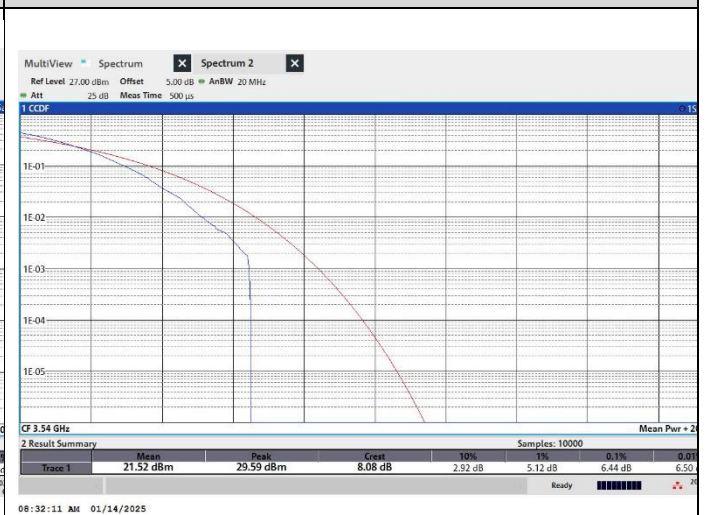
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Band42-20MHz-64QAM-42590-100RB#0



Band42-20MHz-64QAM-42990-1RB#0

Band42-20MHz-64QAM-42990-100RB#0



Band42-20MHz-256QAM-42190-1RB#0

Band42-20MHz-256QAM-42190-100RB#0



Band42-20MHz-256QAM-42590-1RB#0

Band42-20MHz-256QAM-42590-100RB#0



Band42-20MHz-256QAM-42990-1RB#0

Band42-20MHz-256QAM-42990-100RB#0

