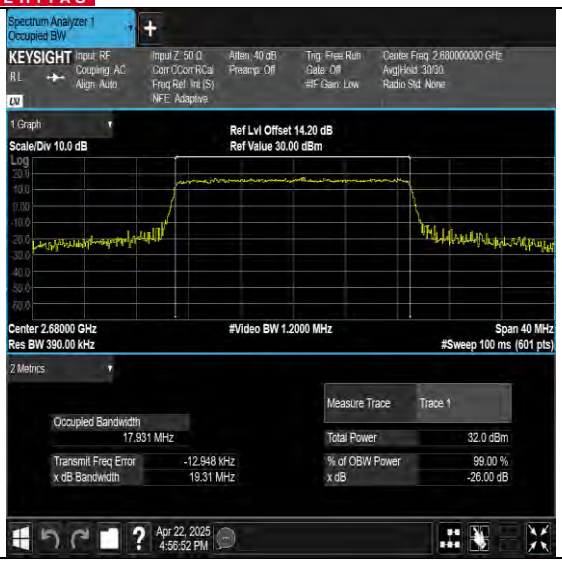
Band41-20MHz-64QAM-40620-100RB#0-PASS

Band41-20MHz-64QAM-41490-100RB#0-PASS

Band41-20MHz-16QAM-39750-100RB#0-PASS

Band41-20MHz-16QAM-40620-100RB#0-PASS

Band41-20MHz-16QAM-41490-100RB#0-PASS


Spectrum Analyzer 1
Occupied BW
KEYSIGHT
Input: RF
Coupling: AC
Align: Auto
Input Z: 50 Ω
Corr: CCorr RCal
Freq Ref: Int (S)
NFE: Adaptive
Atten: 40 dB
Preamp: Off
Trig: Free Run
Gate: Off
IF Gain: Low
Center Freq: 2.680000000 GHz
Avg|Hold: 30/30
Radio Std: None
1 Graph
Scale/Div 10.0 dB
Ref Lvl Offset 14.20 dB
Ref Value 30.00 dBm
Center 2.68000 GHz
Res BW 390.00 kHz
#Video BW 1.2000 MHz
Span 40 MHz
#Sweep 100 ms (601 pts)
2 Metrics
Occupied Bandwidth
17.931 MHz
Transmit Freq Error
-12.948 kHz
x dB Bandwidth
19.31 MHz
Measure Trace
Trace 1
Total Power
32.0 dBm
% of OBW Power
99.00 %
x dB
-26.00 dB
Apr 22, 2025
4:56:52 PM

BAND EDGE

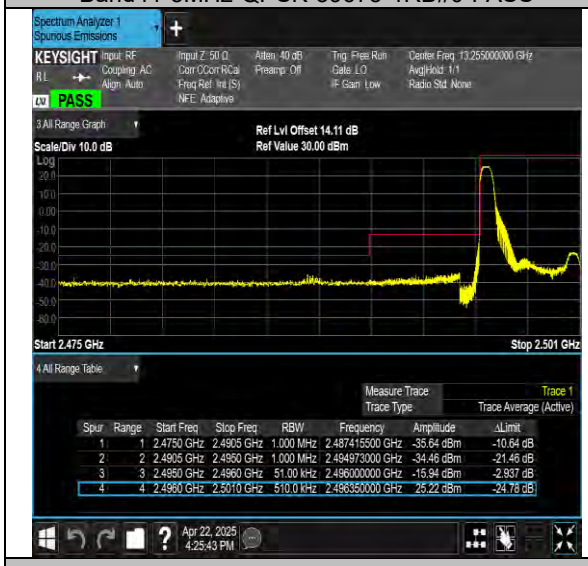
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-15.94	PASS
Band41	5MHz	QPSK	39675	25RB#0	-18.91	PASS
Band41	5MHz	QPSK	41565	1RB#24	-12.33	PASS
Band41	5MHz	QPSK	41565	25RB#0	-26.69	PASS
Band41	5MHz	64QAM	39675	1RB#0	-16.05	PASS
Band41	5MHz	64QAM	39675	25RB#0	-19.54	PASS
Band41	5MHz	64QAM	41565	1RB#24	-12.33	PASS
Band41	5MHz	64QAM	41565	25RB#0	-36.02	PASS
Band41	5MHz	16QAM	39675	1RB#0	-16.56	PASS
Band41	5MHz	16QAM	39675	25RB#0	-20.42	PASS
Band41	5MHz	16QAM	41565	1RB#24	-14.41	PASS
Band41	5MHz	16QAM	41565	25RB#0	-25.84	PASS
Band41	10MHz	QPSK	39700	1RB#0	-18.21	PASS
Band41	10MHz	QPSK	39700	50RB#0	-27.48	PASS
Band41	10MHz	QPSK	41540	1RB#49	-13.56	PASS
Band41	10MHz	QPSK	41540	50RB#0	-35.10	PASS
Band41	10MHz	64QAM	39700	1RB#0	-18.86	PASS
Band41	10MHz	64QAM	39700	50RB#0	-28.02	PASS
Band41	10MHz	64QAM	41540	1RB#49	-13.80	PASS
Band41	10MHz	64QAM	41540	50RB#0	-36.14	PASS
Band41	10MHz	16QAM	39700	1RB#0	-18.85	PASS
Band41	10MHz	16QAM	39700	50RB#0	-29.73	PASS
Band41	10MHz	16QAM	41540	1RB#49	-16.39	PASS
Band41	10MHz	16QAM	41540	50RB#0	-35.82	PASS
Band41	15MHz	QPSK	39725	1RB#0	-21.16	PASS
Band41	15MHz	QPSK	39725	75RB#0	-24.43	FAIL
Band41	15MHz	QPSK	39725	75RB#0	-27.38	PASS_Final1
Band41	15MHz	QPSK	41515	1RB#74	-15.37	PASS
Band41	15MHz	QPSK	41515	75RB#0	-20.40	PASS
Band41	15MHz	64QAM	39725	1RB#0	-18.55	PASS
Band41	15MHz	64QAM	39725	75RB#0	-24.39	FAIL
Band41	15MHz	64QAM	39725	75RB#0	-27.81	PASS_Final1
Band41	15MHz	64QAM	41515	1RB#74	-16.06	PASS
Band41	15MHz	64QAM	41515	75RB#0	-32.03	PASS
Band41	15MHz	16QAM	39725	1RB#0	-21.12	PASS
Band41	15MHz	16QAM	39725	75RB#0	-29.36	PASS
Band41	15MHz	16QAM	41515	1RB#74	-17.44	PASS
Band41	15MHz	16QAM	41515	75RB#0	-35.90	PASS
Band41	20MHz	QPSK	39750	1RB#0	-19.96	PASS
Band41	20MHz	QPSK	39750	100RB#0	-28.89	PASS
Band41	20MHz	QPSK	41490	1RB#99	-19.87	PASS
Band41	20MHz	QPSK	41490	100RB#0	-35.24	PASS
Band41	20MHz	64QAM	39750	1RB#0	-20.28	PASS
Band41	20MHz	64QAM	39750	100RB#0	-29.53	PASS
Band41	20MHz	64QAM	41490	1RB#99	-20.10	PASS
Band41	20MHz	64QAM	41490	100RB#0	-37.16	PASS
Band41	20MHz	16QAM	39750	1RB#0	-20.17	PASS
Band41	20MHz	16QAM	39750	100RB#0	-30.98	PASS

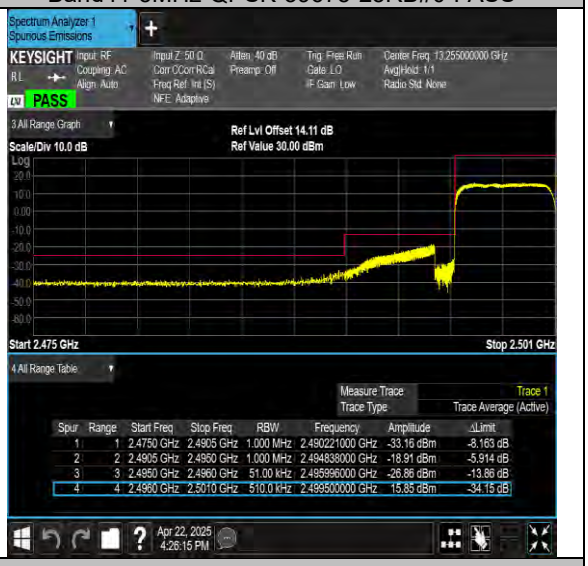
Band41	20MHz	16QAM	41490	1RB#99	-18.50	PASS
Band41	20MHz	16QAM	41490	100RB#0	-37.12	PASS

Test Graphs

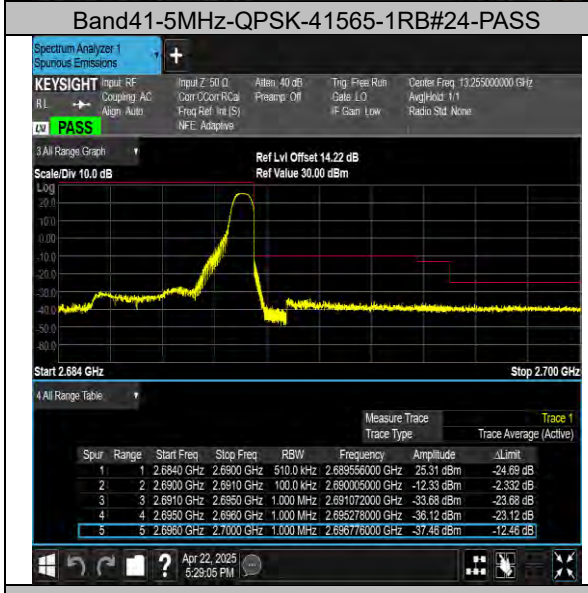
Band41-5MHz-QPSK-39675-1RB#0-PASS



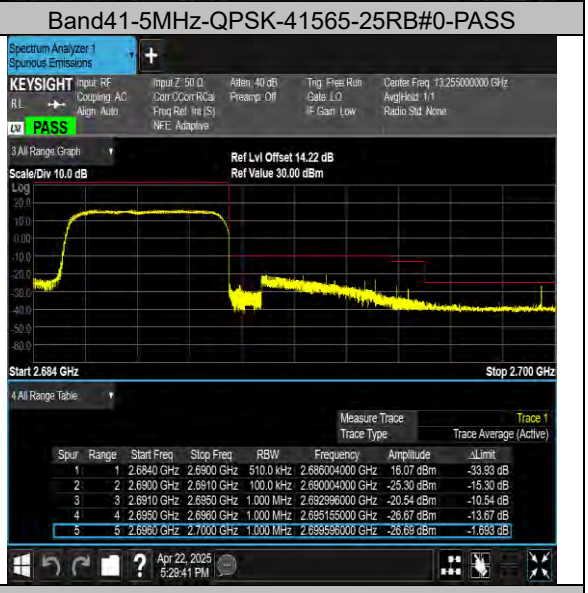
Band41-5MHz-QPSK-39675-25RB#0-PASS



Band41-5MHz-QPSK-41565-1RB#24-PASS



Band41-5MHz-QPSK-41565-25RB#0-PASS



Band41-5MHz-64QAM-39675-1RB#0-PASS

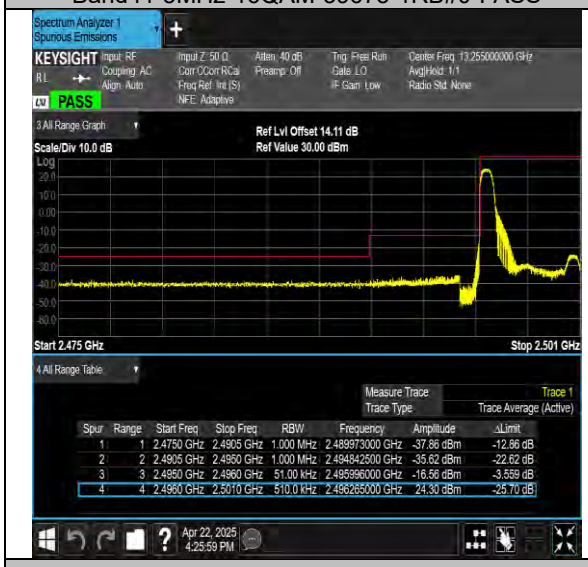
Band41-5MHz-64QAM-39675-25RB#0-PASS

Band41-5MHz-64QAM-41565-1RB#24-PASS

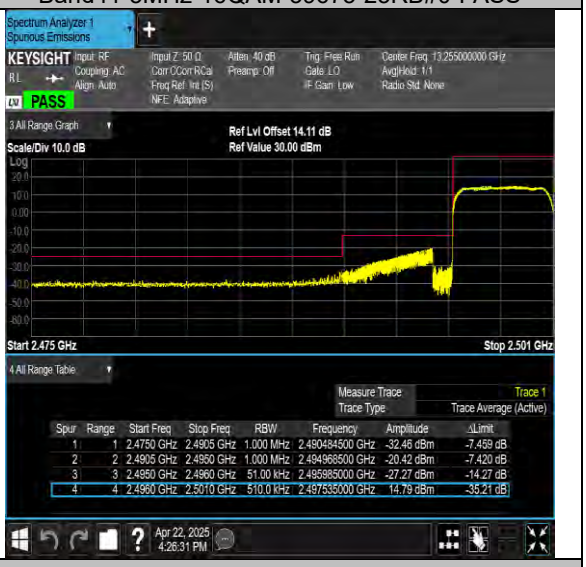
Band41-5MHz-64QAM-41565-25RB#0-PASS

Band41-5MHz-16QAM-39675-1RB#0-PASS

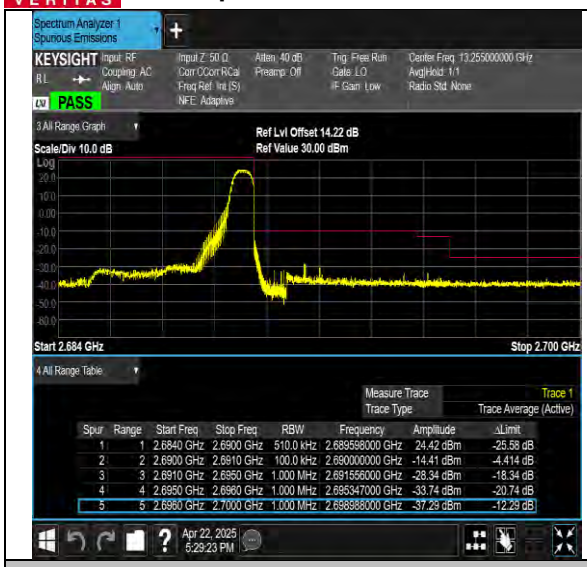
Band41-5MHz-16QAM-39675-25RB#0-PASS



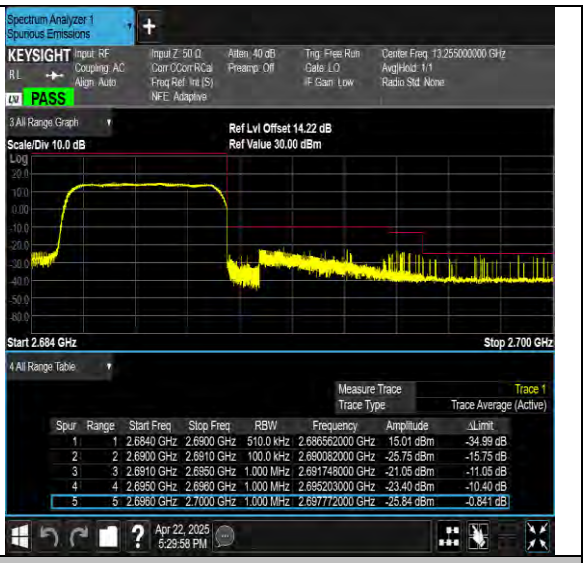
Band41-5MHz-16QAM-41565-1RB#24-PASS



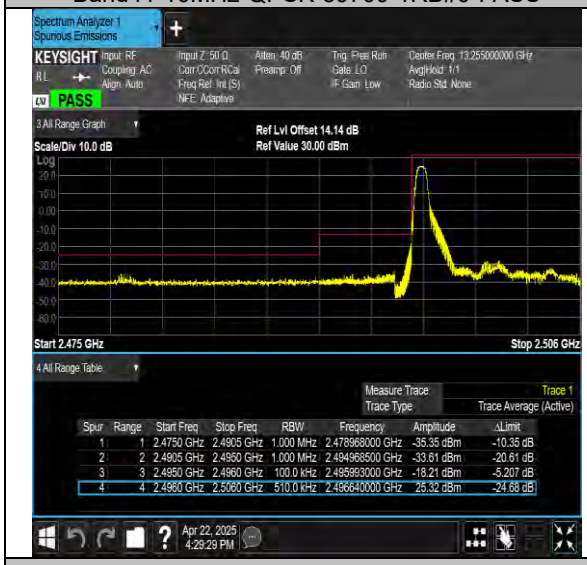
Band41-5MHz-16QAM-41565-25RB#0-PASS



Band41-10MHz-QPSK-39700-1RB#0-PASS

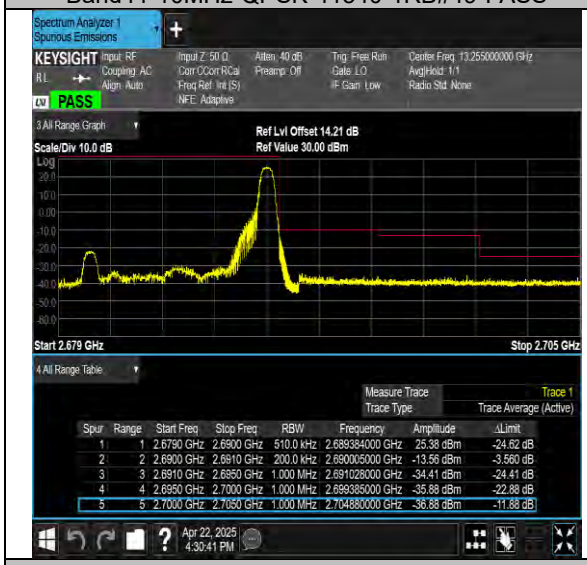


Band41-10MHz-QPSK-39700-50RB#0-PASS

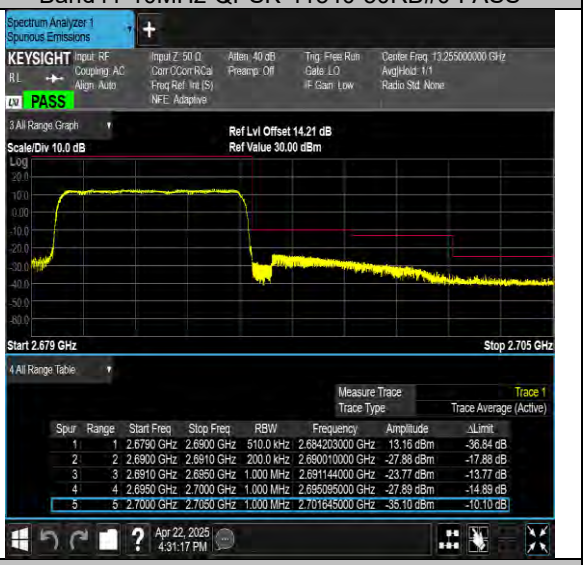


Band41-10MHz-QPSK-41540-1RB#49-PASS

Band41-10MHz-QPSK-41540-50RB#0-PASS



Band41-10MHz-64QAM-39700-1RB#0-PASS



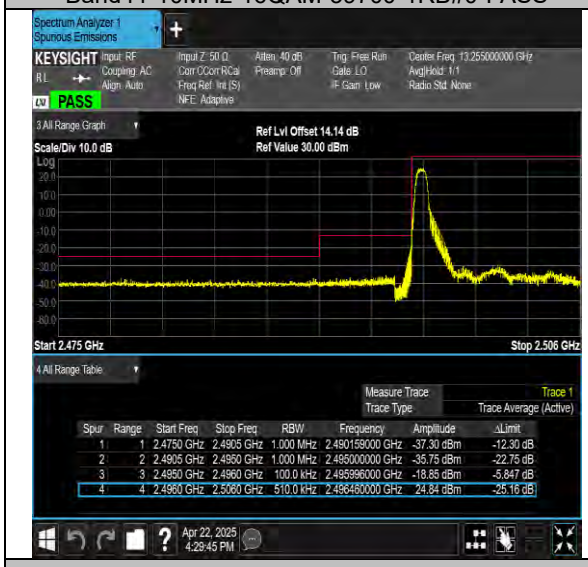
Band41-10MHz-64QAM-39700-50RB#0-PASS

Band41-10MHz-64QAM-41540-1RB#49-PASS

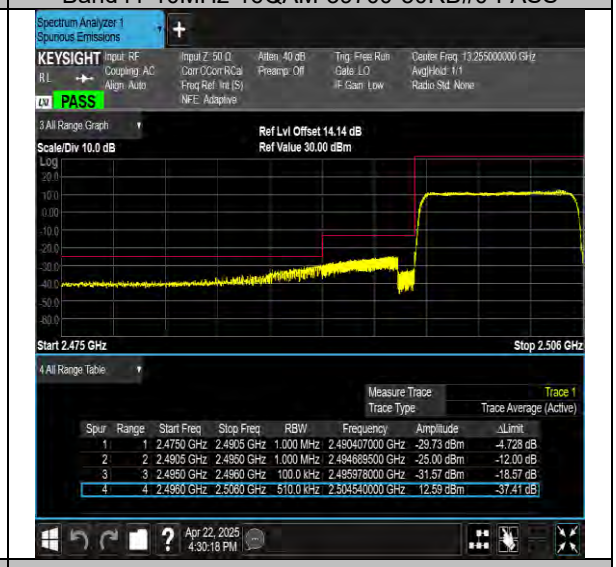
Band41-10MHz-64QAM-41540-50RB#0-PASS

Band41-10MHz-16QAM-39700-1RB#0-PASS

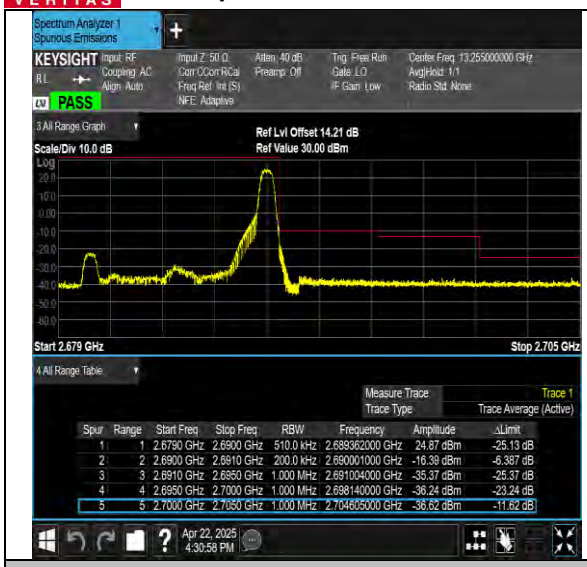
Band41-10MHz-16QAM-39700-50RB#0-PASS



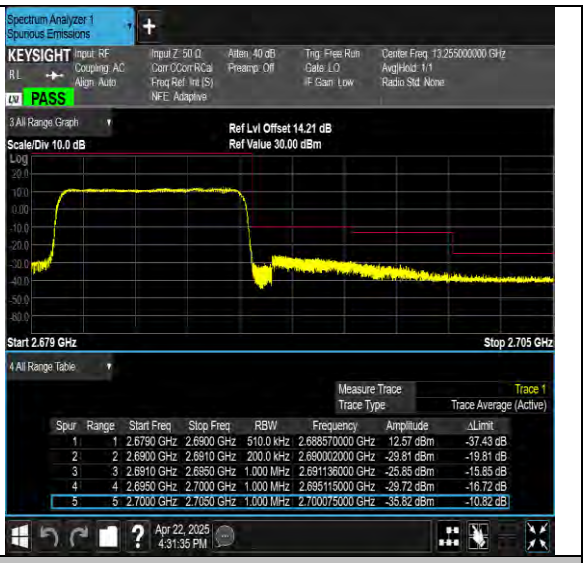
Band41-10MHz-16QAM-41540-1RB#49-PASS



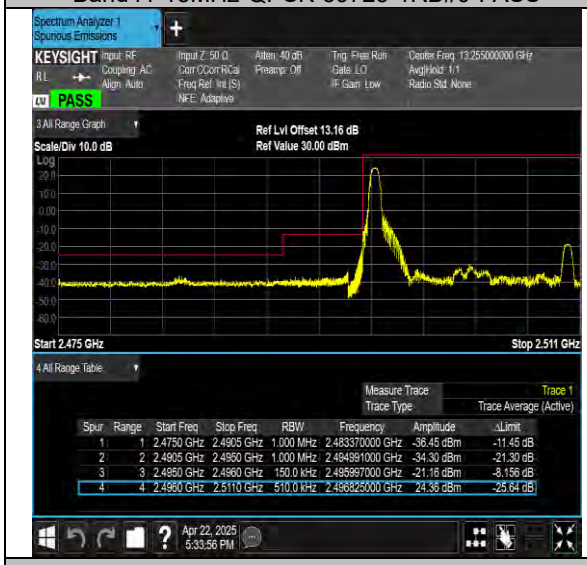
Band41-10MHz-16QAM-41540-50RB#0-PASS



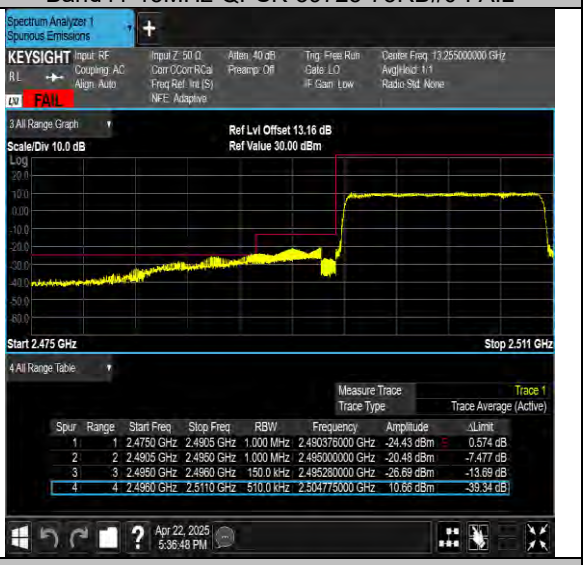
Band41-15MHz-QPSK-39725-1RB#0-PASS



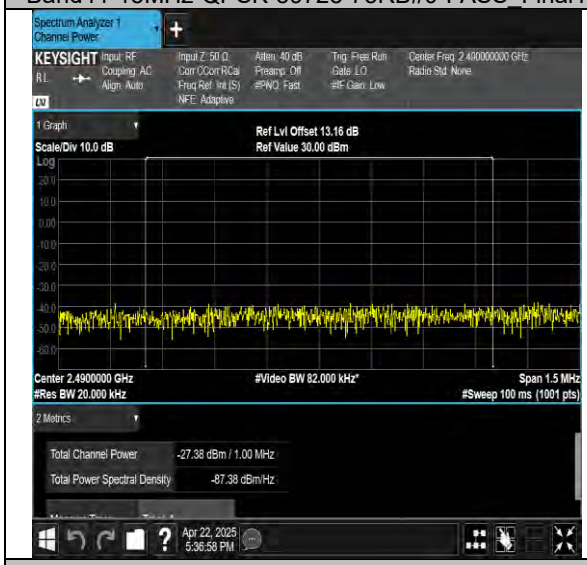
Band41-15MHz-QPSK-39725-75RB#0-FAIL



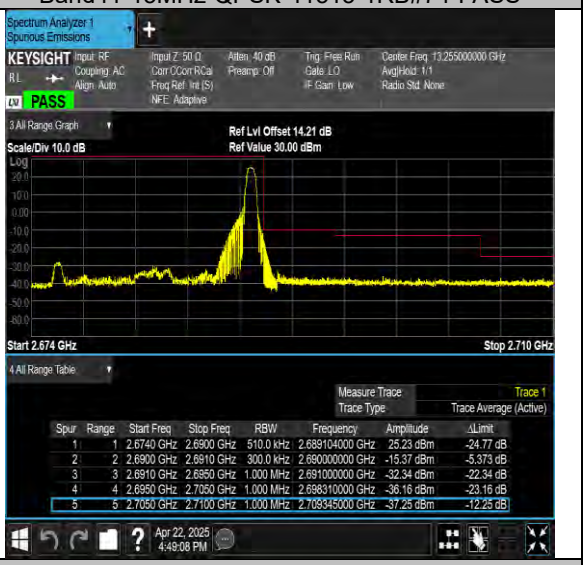
Band41-15MHz-QPSK-39725-75RB#0-PASS_Final1



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



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



Band41-15MHz-64QAM-39725-1RB#0-PASS

Band41-15MHz-64QAM-39725-75RB#0-FAIL

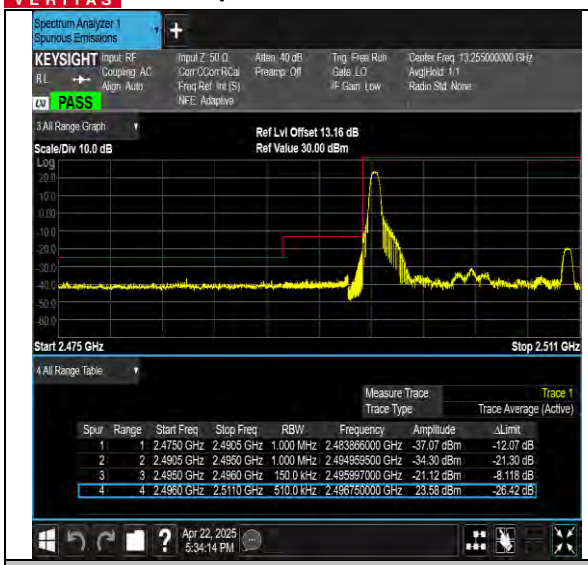
Band41-15MHz-64QAM-39725-75RB#0-PASS_Final1

Band41-15MHz-64QAM-41515-1RB#74-PASS

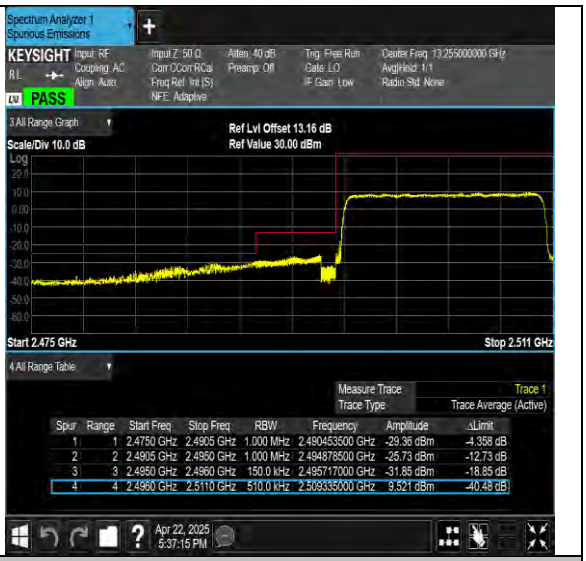
Band41-15MHz-64QAM-41515-75RB#0-PASS

Band41-15MHz-16QAM-39725-1RB#0-PASS

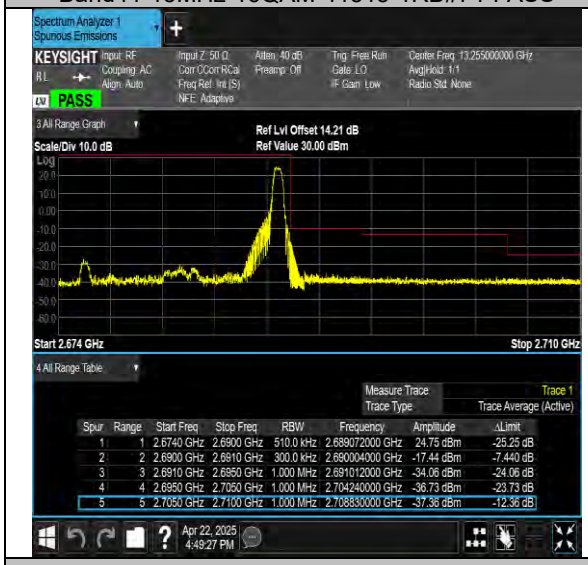
Band41-15MHz-16QAM-39725-75RB#0-PASS



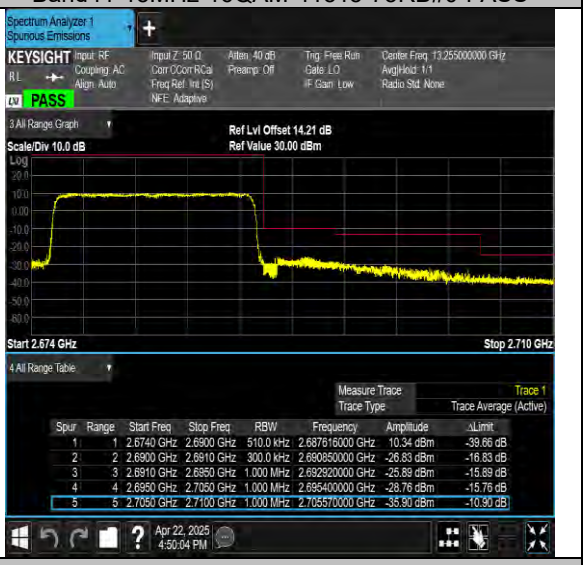
Band41-15MHz-16QAM-41515-1RB#74-PASS



Band41-15MHz-16QAM-41515-75RB#0-PASS

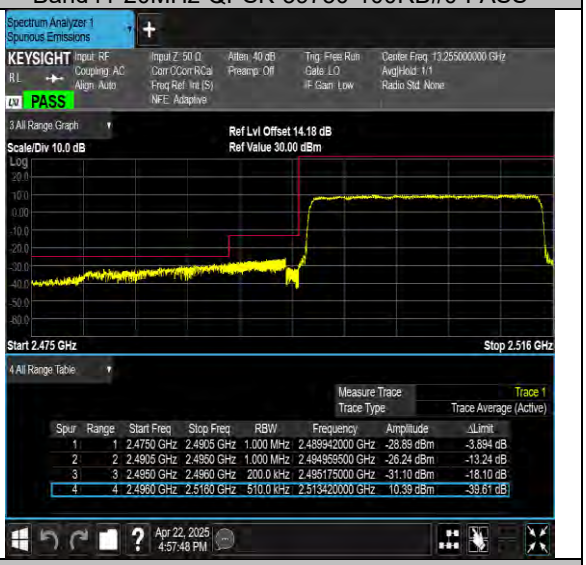


Band41-20MHz-QPSK-39750-1RB#0-PASS

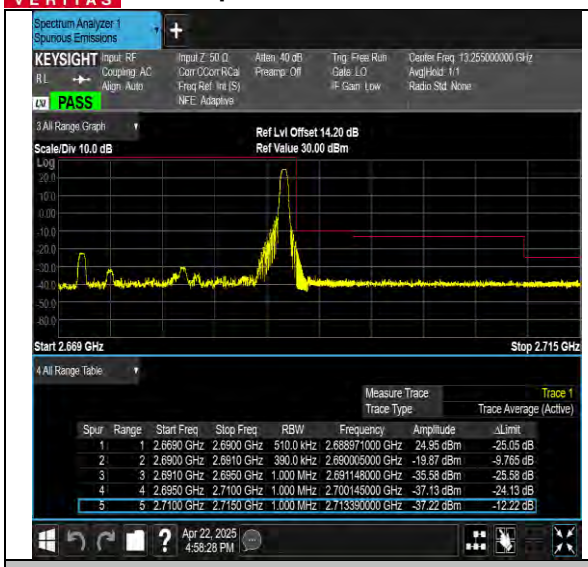


Band41-20MHz-QPSK-39750-100RB#0-PASS

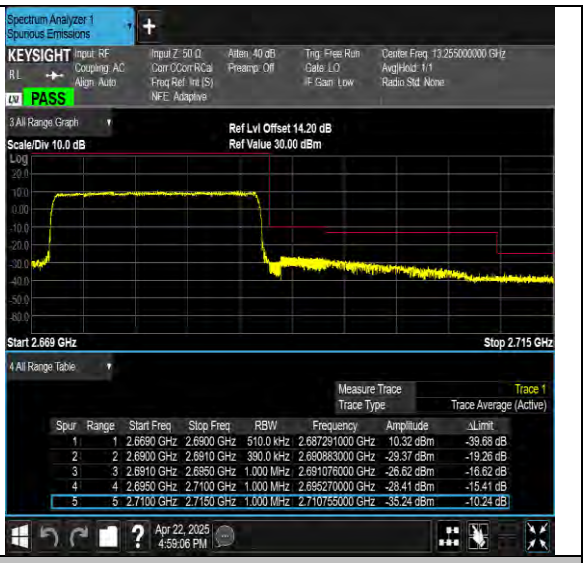
Band41-20MHz-QPSK-41490-1RB#99-PASS



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



Band41-20MHz-64QAM-39750-1RB#0-PASS



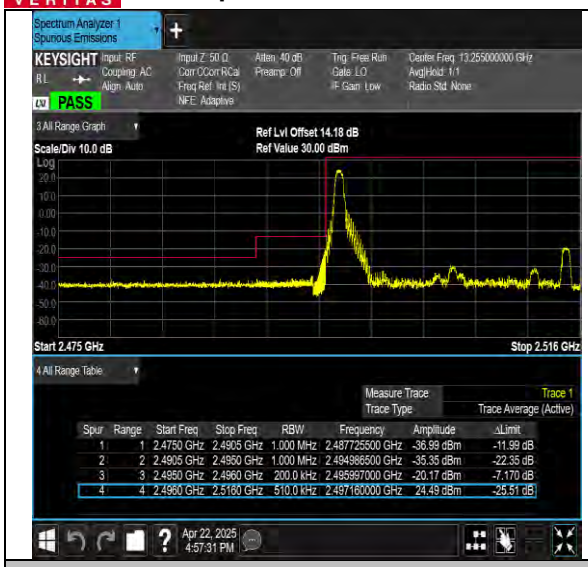
Band41-20MHz-64QAM-39750-100RB#0-PASS

Band41-20MHz-64QAM-41490-1RB#99-PASS

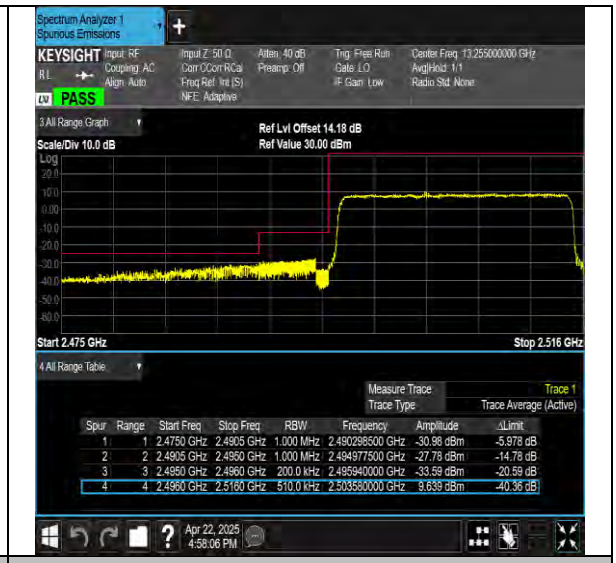
Band41-20MHz-64QAM-41490-100RB#0-PASS

Band41-20MHz-16QAM-39750-1RB#0-PASS

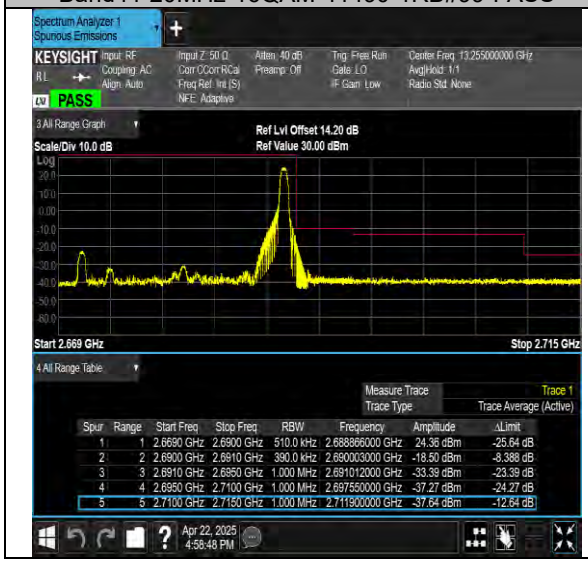
Band41-20MHz-16QAM-39750-100RB#0-PASS

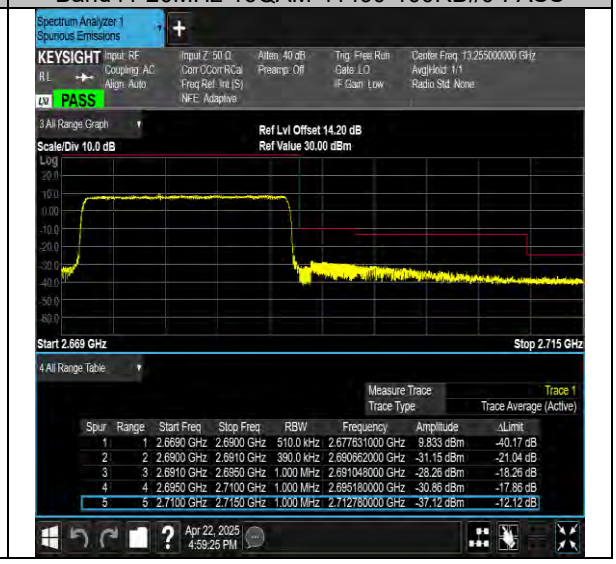


Band41-20MHz-16QAM-41490-1RB#99-PASS



Band41-20MHz-16QAM-41490-100RB#0-PASS



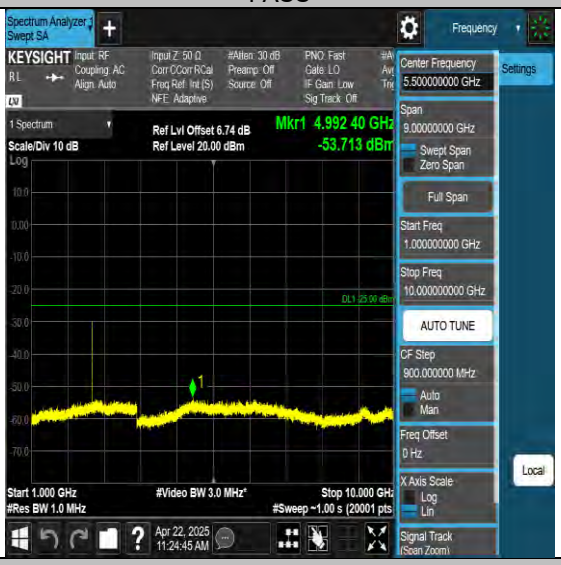
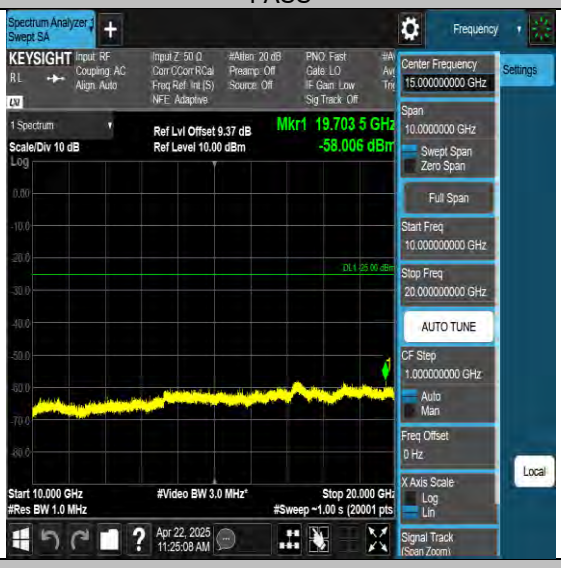


CONDUCTED SPURIOUS EMISSION

Test Result

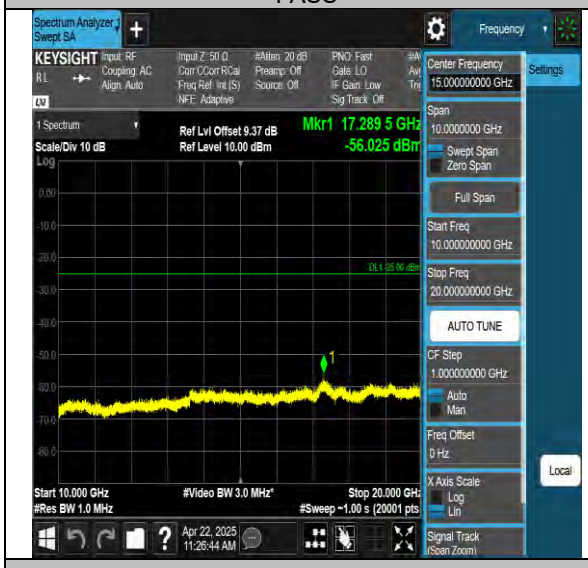
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	30~1000	-61.63	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~10000	-53.71	PASS
Band41	5MHz	QPSK	39675	1RB#0	10000~20000	-58.01	PASS
Band41	5MHz	QPSK	39675	1RB#0	20000~27000	-54.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	-62.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~10000	-52.53	PASS
Band41	5MHz	QPSK	40620	1RB#0	10000~20000	-56.03	PASS
Band41	5MHz	QPSK	40620	1RB#0	20000~27000	-53.22	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-61.04	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~10000	-53.14	PASS
Band41	5MHz	QPSK	41565	1RB#0	10000~20000	-57.55	PASS
Band41	5MHz	QPSK	41565	1RB#0	20000~27000	-54.05	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000	-61.51	PASS
Band41	10MHz	QPSK	39700	1RB#0	1000~10000	-52.10	PASS
Band41	10MHz	QPSK	39700	1RB#0	10000~20000	-57.31	PASS
Band41	10MHz	QPSK	39700	1RB#0	20000~27000	-53.64	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000	-61.12	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~10000	-53.84	PASS
Band41	10MHz	QPSK	40620	1RB#0	10000~20000	-57.23	PASS
Band41	10MHz	QPSK	40620	1RB#0	20000~27000	-53.33	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	-61.59	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~10000	-53.47	PASS
Band41	10MHz	QPSK	41540	1RB#0	10000~20000	-57.59	PASS
Band41	10MHz	QPSK	41540	1RB#0	20000~27000	-52.90	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000	-60.34	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~10000	-53.45	PASS
Band41	15MHz	QPSK	39725	1RB#0	10000~20000	-56.39	PASS
Band41	15MHz	QPSK	39725	1RB#0	20000~27000	-53.15	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000	-61.23	PASS
Band41	15MHz	QPSK	40620	1RB#0	1000~10000	-52.34	PASS
Band41	15MHz	QPSK	40620	1RB#0	10000~20000	-57.12	PASS
Band41	15MHz	QPSK	40620	1RB#0	20000~27000	-53.04	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000	-61.43	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~10000	-53.60	PASS
Band41	15MHz	QPSK	41515	1RB#0	10000~20000	-57.01	PASS
Band41	15MHz	QPSK	41515	1RB#0	20000~27000	-53.22	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	-60.70	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~10000	-52.79	PASS
Band41	20MHz	QPSK	39750	1RB#0	10000~20000	-56.06	PASS
Band41	20MHz	QPSK	39750	1RB#0	20000~27000	-53.02	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	-61.62	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~10000	-53.34	PASS
Band41	20MHz	QPSK	40620	1RB#0	10000~20000	-57.23	PASS
Band41	20MHz	QPSK	40620	1RB#0	20000~27000	-53.42	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	-61.28	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~10000	-52.83	PASS
Band41	20MHz	QPSK	41490	1RB#0	10000~20000	-56.64	PASS
Band41	20MHz	QPSK	41490	1RB#0	20000~27000	-52.26	PASS

Test Graphs

Band41-5MHz-QPSK-39675-1RB#0-30~1000-PASS	Band41-5MHz-QPSK-39675-1RB#0-1000~10000-PASS
	
Band41-5MHz-QPSK-39675-1RB#0-10000~20000-PASS	Band41-5MHz-QPSK-39675-1RB#0-20000~27000-PASS
	
Band41-5MHz-QPSK-40620-1RB#0-30~1000-PASS	Band41-5MHz-QPSK-40620-1RB#0-1000~10000-PASS

Band41-5MHz-QPSK-40620-1RB#0-10000~20000-PASS

Band41-5MHz-QPSK-40620-1RB#0-20000~27000-PASS



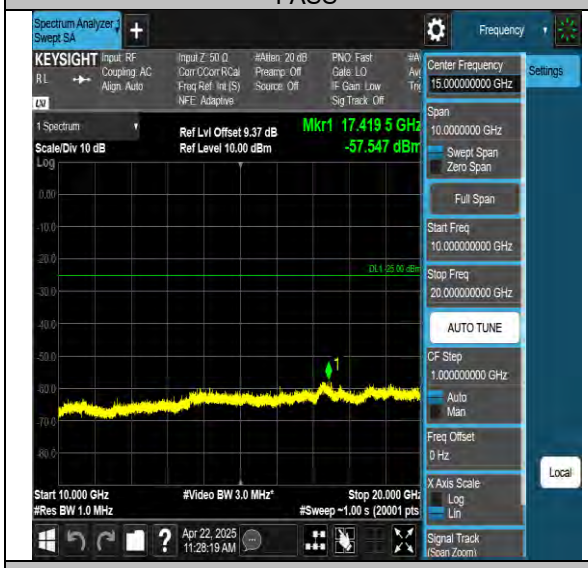
Band41-5MHz-QPSK-41565-1RB#0-30~1000-PASS

Band41-5MHz-QPSK-41565-1RB#0-1000~10000-PASS

Band41-5MHz-QPSK-41565-1RB#0-10000~20000-

Band41-5MHz-QPSK-41565-1RB#0-20000~27000-

PASS



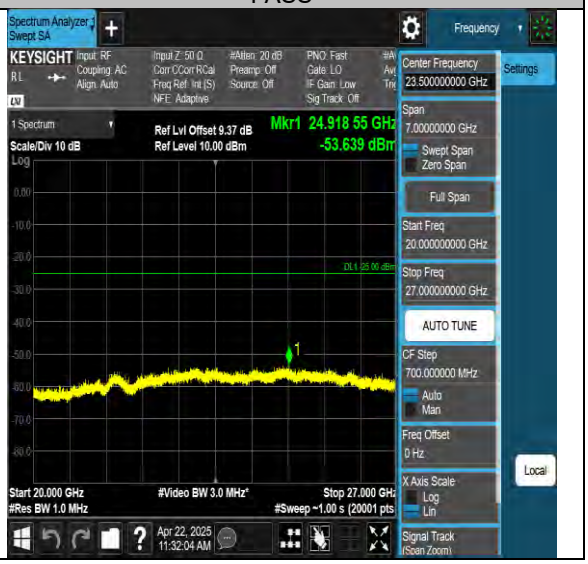
PASS

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

Band41-10MHz-QPSK-39700-1RB#0-1000~10000-PASS

Band41-10MHz-QPSK-39700-1RB#0-10000~20000-PASS

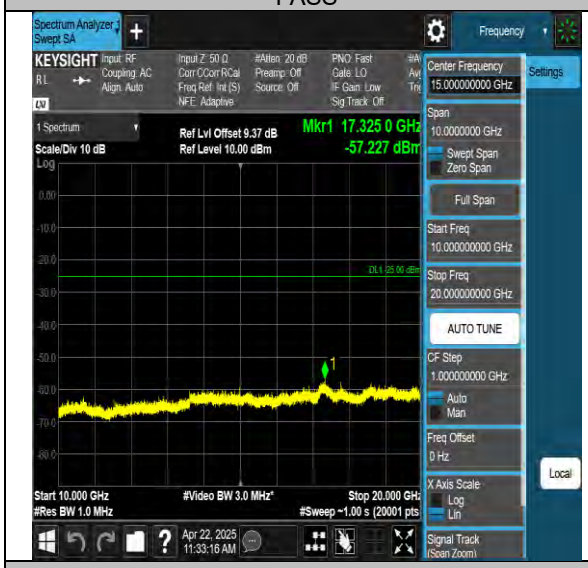
Band41-10MHz-QPSK-39700-1RB#0-20000~27000-PASS



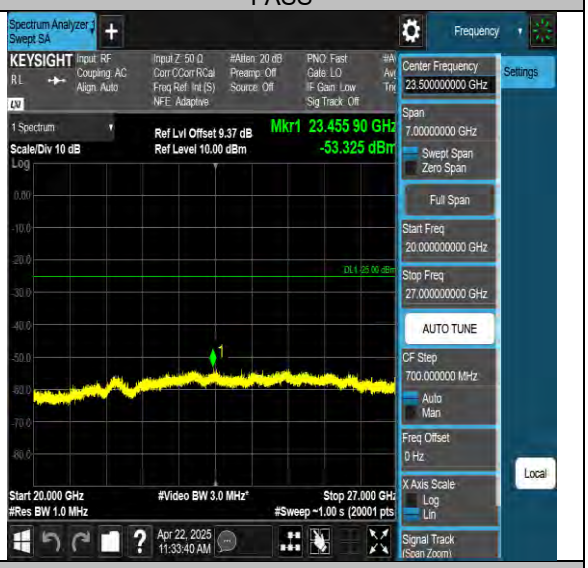
Band41-10MHz-QPSK-40620-1RB#0-30~1000-PASS

Band41-10MHz-QPSK-40620-1RB#0-1000~10000-PASS

Band41-10MHz-QPSK-40620-1RB#0-10000~20000-PASS



Band41-10MHz-QPSK-40620-1RB#0-20000~27000-PASS

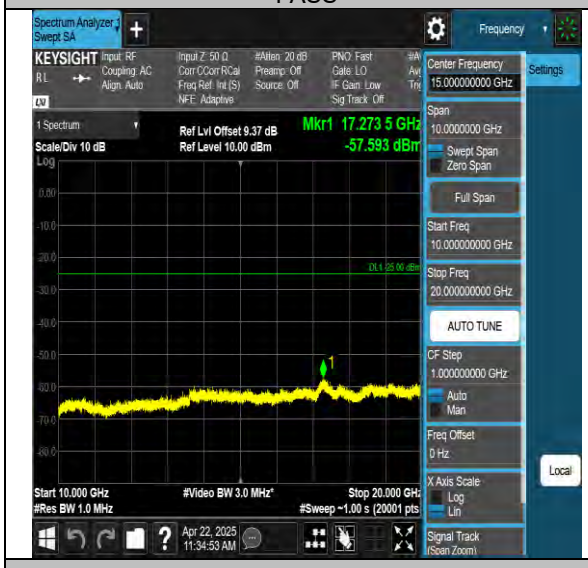


Band41-10MHz-QPSK-41540-1RB#0-30~1000-PASS

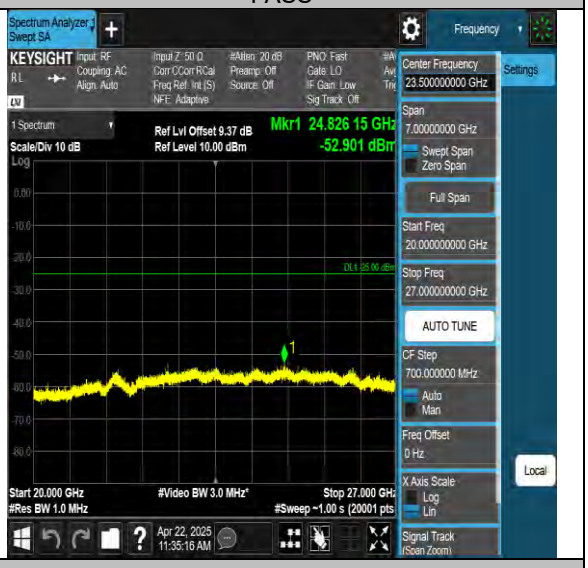
Band41-10MHz-QPSK-41540-1RB#0-1000~10000-PASS

Band41-10MHz-QPSK-41540-1RB#0-10000~20000-PASS

Band41-10MHz-QPSK-41540-1RB#0-20000~27000-PASS



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



Band41-15MHz-QPSK-39725-1RB#0-1000~10000-PASS

Band41-15MHz-QPSK-39725-1RB#0-10000~20000-

Band41-15MHz-QPSK-39725-1RB#0-20000~27000-

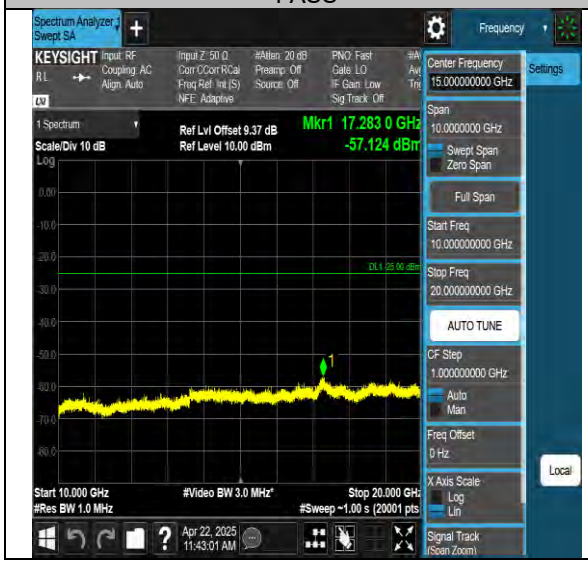
PASS

PASS

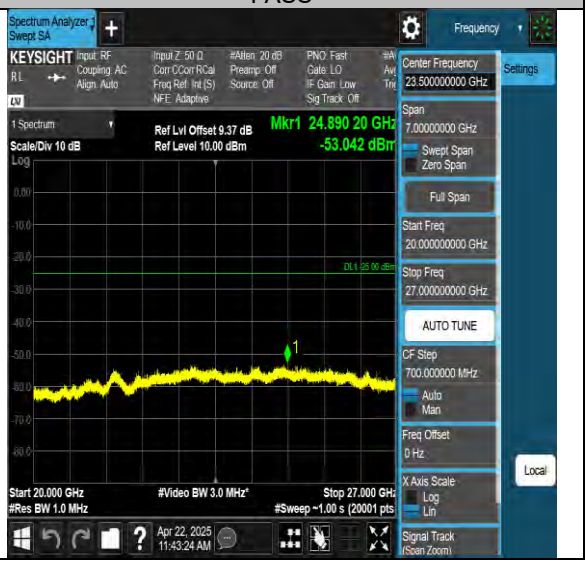
Band41-15MHz-QPSK-40620-1RB#0-30~1000-PASS

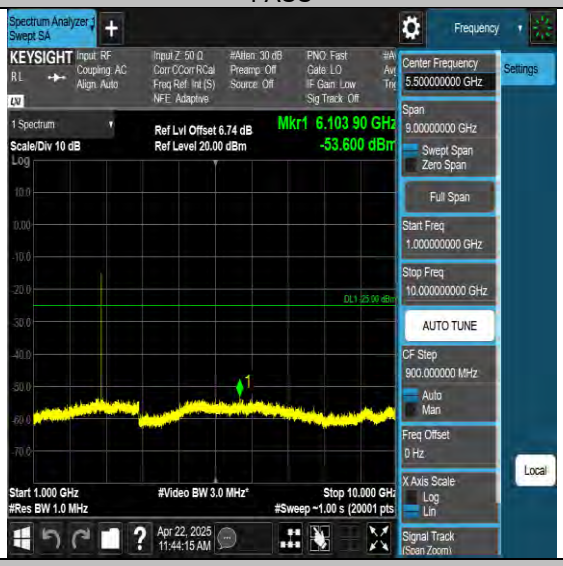
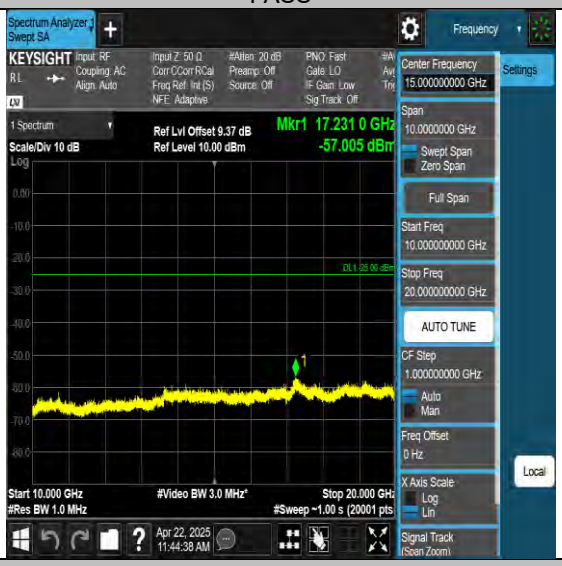
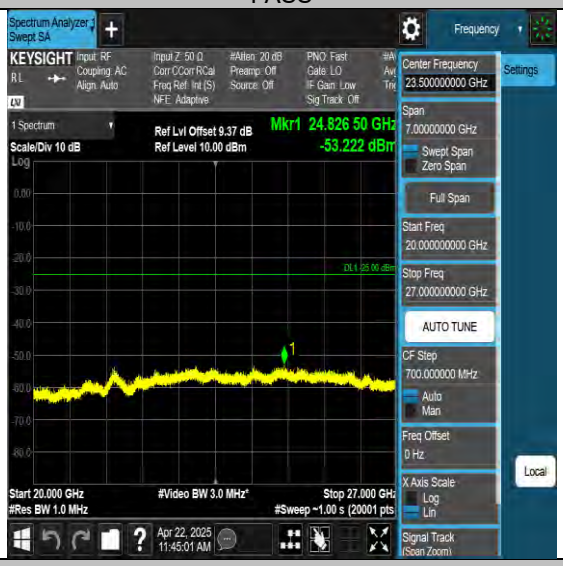
Band41-15MHz-QPSK-40620-1RB#0-1000~10000-PASS

Band41-15MHz-QPSK-40620-1RB#0-10000~20000-PASS



Band41-15MHz-QPSK-40620-1RB#0-20000~27000-PASS

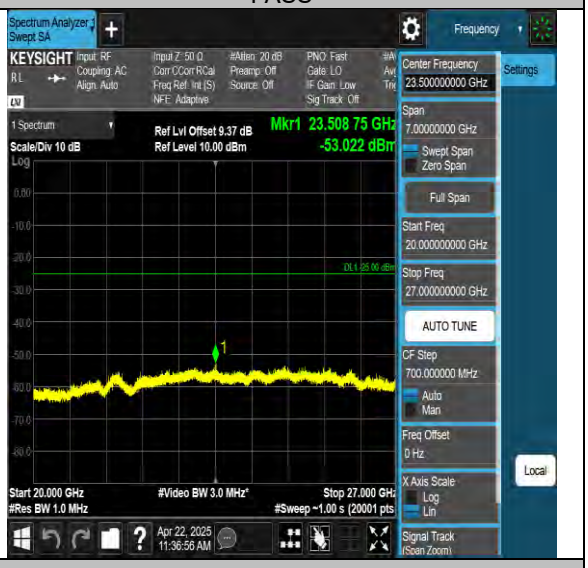


Band41-15MHz-QPSK-41515-1RB#0-30~1000-PASS	Band41-15MHz-QPSK-41515-1RB#0-1000~10000-PASS
	
Band41-15MHz-QPSK-41515-1RB#0-10000~20000-PASS	Band41-15MHz-QPSK-41515-1RB#0-20000~27000-PASS
	
Band41-20MHz-QPSK-39750-1RB#0-30~1000-PASS	Band41-20MHz-QPSK-39750-1RB#0-1000~10000-PASS

Band41-20MHz-QPSK-39750-1RB#0-10000~20000-PASS

Band41-20MHz-QPSK-39750-1RB#0-20000~27000-PASS

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



Band41-20MHz-QPSK-40620-1RB#0-1000~10000-PASS

Band41-20MHz-QPSK-40620-1RB#0-10000~20000-

Band41-20MHz-QPSK-40620-1RB#0-20000~27000-

PASS

PASS

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

Band41-20MHz-QPSK-41490-1RB#0-1000~10000-PASS

Band41-20MHz-QPSK-41490-1RB#0-10000~20000-PASS

Band41-20MHz-QPSK-41490-1RB#0-20000~27000-PASS

FREQUENCY STABILITY

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (ppm)	Verdict
Band41	10MHz	QPSK	39700	50RB#0	VN	NT	5360.00	2.143143	2501.2074	---	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	VL	NT	5750.00	2.299080	2501.1251	---	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	VH	NT	5800.00	2.319072	2501.0795	---	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	VN	NT	530.00	0.197393	---	2685.0879	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	VL	NT	690.00	0.256983	---	2685.0500	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	VH	NT	670.00	0.249534	---	2685.0996	2496-2690	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (ppm)	Verdict
Band41	10MHz	QPSK	39700	50RB#0	NV	-30	5620.00	2.247101	2501.0964	---	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-20	5750.00	2.299080	2501.1010	---	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-10	5790.00	2.315074	2501.1805	---	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	5960.00	2.383047	2501.1339	---	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	5940.00	2.375050	2501.0963	---	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	5450.00	2.179128	2501.1375	---	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	4550.00	1.819272	2501.1617	---	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	4800.00	1.919232	2501.1602	---	2496-2690	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	50	4820.00	1.927229	2501.1360	---	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-30	530.00	0.197393	---	2685.1632	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-20	540.00	0.201117	---	2685.0510	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-10	1170.00	0.435754	---	2685.0041	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	700.00	0.260708	---	2685.1477	2496-2690	PASS

Band41	10MHz	QPSK	41540	50RB#0	NV	10	950.00	0.353818	---	2684.9734	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	880.00	0.327747	---	2685.0633	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	980.00	0.364991	---	2685.1230	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	1190.00	0.443203	---	2685.1407	2496-2690	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	50	980.00	0.364991	---	2684.9723	2496-2690	PASS

FCC-LTE-B66（INCLUDING B4）

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	1RB#0	5.00	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.46	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	4.95	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.27	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	4.77	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.32	13	PASS
Band66	20MHz	64QAM	132072	1RB#0	5.02	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	5.45	13	PASS
Band66	20MHz	64QAM	132322	1RB#0	4.94	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	5.26	13	PASS
Band66	20MHz	64QAM	132572	1RB#0	4.76	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	5.31	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	5.25	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.92	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	5.21	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.70	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	4.98	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.72	13	PASS

Test Graphs

Band66-20MHz-QPSK-132072-1RB#0-PASS

Band66-20MHz-QPSK-132072-100RB#0-PASS

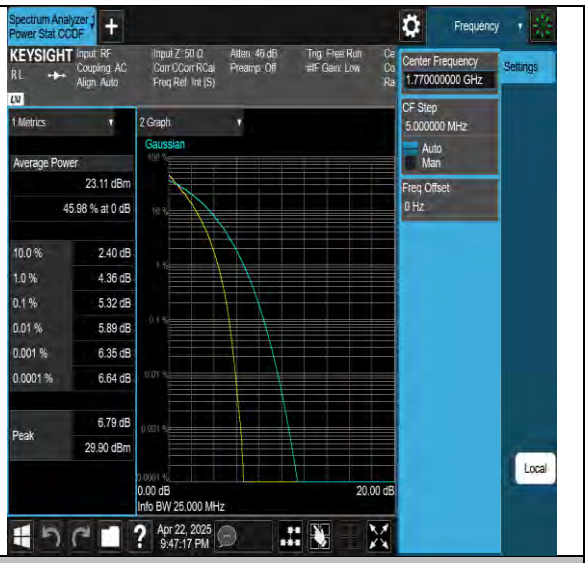
Band66-20MHz-QPSK-132322-1RB#0-PASS

Band66-20MHz-QPSK-132322-100RB#0-PASS

Band66-20MHz-QPSK-132572-1RB#0-PASS

Band66-20MHz-QPSK-132572-100RB#0-PASS

Band66-20MHz-64QAM-132072-1RB#0-PASS



Band66-20MHz-64QAM-132072-100RB#0-PASS

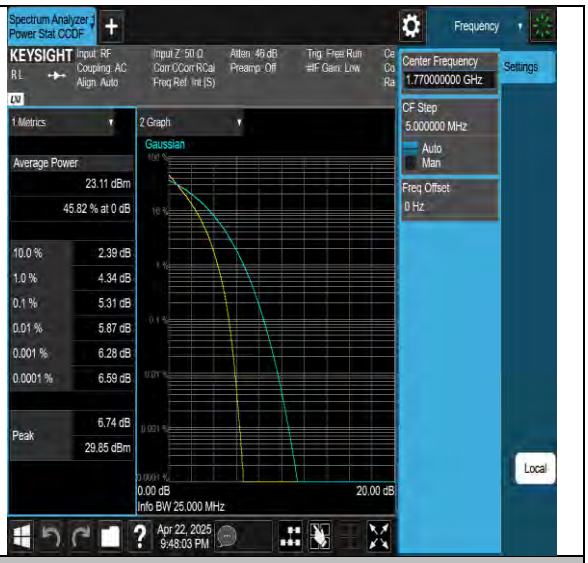
Band66-20MHz-64QAM-132322-1RB#0-PASS

Band66-20MHz-64QAM-132322-100RB#0-PASS

Band66-20MHz-64QAM-132572-1RB#0-PASS

Band66-20MHz-64QAM-132572-100RB#0-PASS

Band66-20MHz-16QAM-132072-1RB#0-PASS



Band66-20MHz-16QAM-132072-100RB#0-PASS

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

Spectrum Analyzer 1
Power Stat CCDF
KEYSIGHT
Input: RF
Coupling: AC
Align: Auto
Input Z: 50 Ω
Corr:C/Corr:RCal
Freq Ref: Int (S)
Atten: 46 dB
Preamp: Off
Trig: Free Run
IF Gain: Low
Frequency
Center Frequency
1.770000000 GHz
Settings
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Metrics
2 Graph
Gaussian
Average Power
22.83 dBm
45.25 % at 0 dB
10.0 % 2.88 dB
1.0 % 4.53 dB
0.1 % 4.98 dB
0.01 % 5.25 dB
0.001 % 5.34 dB
0.0001 % 5.40 dB
Peak 5.42 dB
28.25 dBm
0.00 dB
20.00 dB
Info BW 25.000 MHz
Local
Apr 22, 2025
9:46:36 PM

Spectrum Analyzer 1
Power Stat CCDF
KEYSIGHT
Input: RF
Coupling: AC
Align: Auto
Input Z: 50 Ω
Corr:C/Corr:RCal
Freq Ref: Int (S)
Atten: 46 dB
Preamp: Off
Trig: Free Run
IF Gain: Low
Frequency
Center Frequency
1.770000000 GHz
Settings
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Metrics
2 Graph
Gaussian
Average Power
23.11 dBm
44.83 % at 0 dB
10.0 % 2.93 dB
1.0 % 4.79 dB
0.1 % 5.72 dB
0.01 % 6.21 dB
0.001 % 6.52 dB
0.0001 % 6.80 dB
Peak 6.86 dB
29.97 dBm
0.00 dB
20.00 dB
Info BW 25.000 MHz
Local
Apr 22, 2025
9:47:41 PM

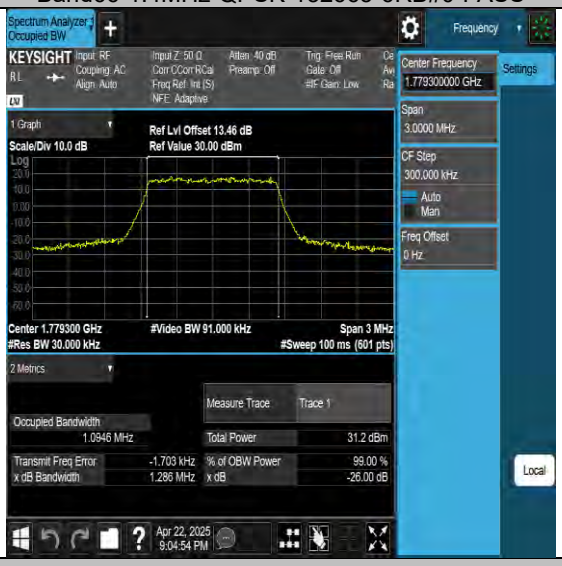
26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

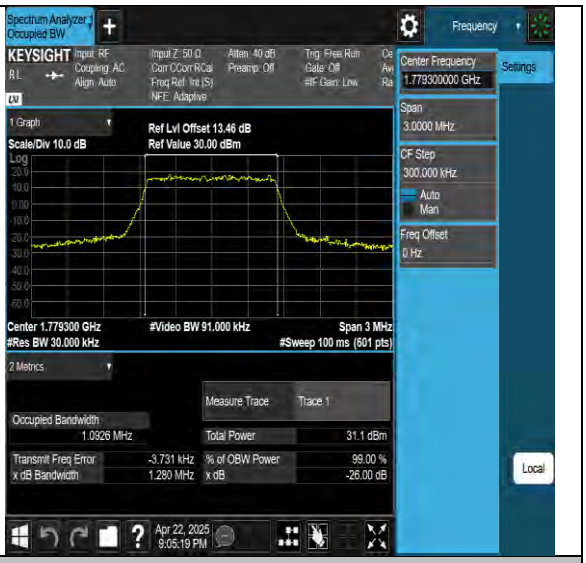
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0911	1.285	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0923	1.279	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0946	1.286	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.0932	1.288	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.0913	1.285	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.0926	1.280	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0979	1.307	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0977	1.304	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0926	1.287	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6835	2.891	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6855	2.891	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6886	2.887	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.6833	2.905	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.6919	2.914	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.6867	2.900	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6792	2.888	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6847	2.899	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6840	2.908	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5241	5.186	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5241	5.201	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5103	5.151	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.5250	5.196	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.5272	5.211	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.5123	5.175	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5244	5.125	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5214	5.153	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5346	5.232	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0087	10.15	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.0129	10.19	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0240	10.39	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.9977	10.18	PASS
Band66	10MHz	64QAM	132322	50RB#0	9.0101	10.15	PASS
Band66	10MHz	64QAM	132622	50RB#0	9.0224	10.16	PASS
Band66	10MHz	16QAM	132022	50RB#0	9.0126	10.04	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9951	10.05	PASS
Band66	10MHz	16QAM	132622	50RB#0	9.0105	10.13	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.524	15.02	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.516	15.05	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.501	15.20	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.515	15.11	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.526	15.18	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.522	15.17	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.491	15.01	PASS

Band66	15MHz	16QAM	132322	75RB#0	13.501	15.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.518	15.09	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.974	19.72	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.970	19.69	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.980	19.82	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.970	19.73	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.965	19.74	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.991	19.74	PASS
Band66	20MHz	16QAM	132072	100RB#0	18.010	19.88	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.996	19.74	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.992	19.75	PASS

Test Graphs

Band66-1.4MHz-QPSK-131979-6RB#0-PASS	Band66-1.4MHz-QPSK-132322-6RB#0-PASS
Band66-1.4MHz-QPSK-132665-6RB#0-PASS	Band66-1.4MHz-64QAM-131979-6RB#0-PASS
	
Band66-1.4MHz-64QAM-132322-6RB#0-PASS	Band66-1.4MHz-64QAM-132665-6RB#0-PASS

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

Band66-3MHz-QPSK-132322-15RB#0-PASS

Band66-3MHz-QPSK-132657-15RB#0-PASS

Band66-3MHz-64QAM-131987-15RB#0-PASS

Band66-3MHz-64QAM-132322-15RB#0-PASS

Band66-3MHz-64QAM-132657-15RB#0-PASS

Band66-3MHz-16QAM-131987-15RB#0-PASS

Band66-3MHz-16QAM-132322-15RB#0-PASS

Band66-3MHz-16QAM-132657-15RB#0-PASS

Band66-5MHz-QPSK-131997-25RB#0-PASS

Band66-5MHz-QPSK-132322-25RB#0-PASS

Band66-5MHz-QPSK-132647-25RB#0-PASS

Band66-5MHz-64QAM-131997-25RB#0-PASS

Band66-5MHz-64QAM-132322-25RB#0-PASS

Band66-5MHz-64QAM-132647-25RB#0-PASS