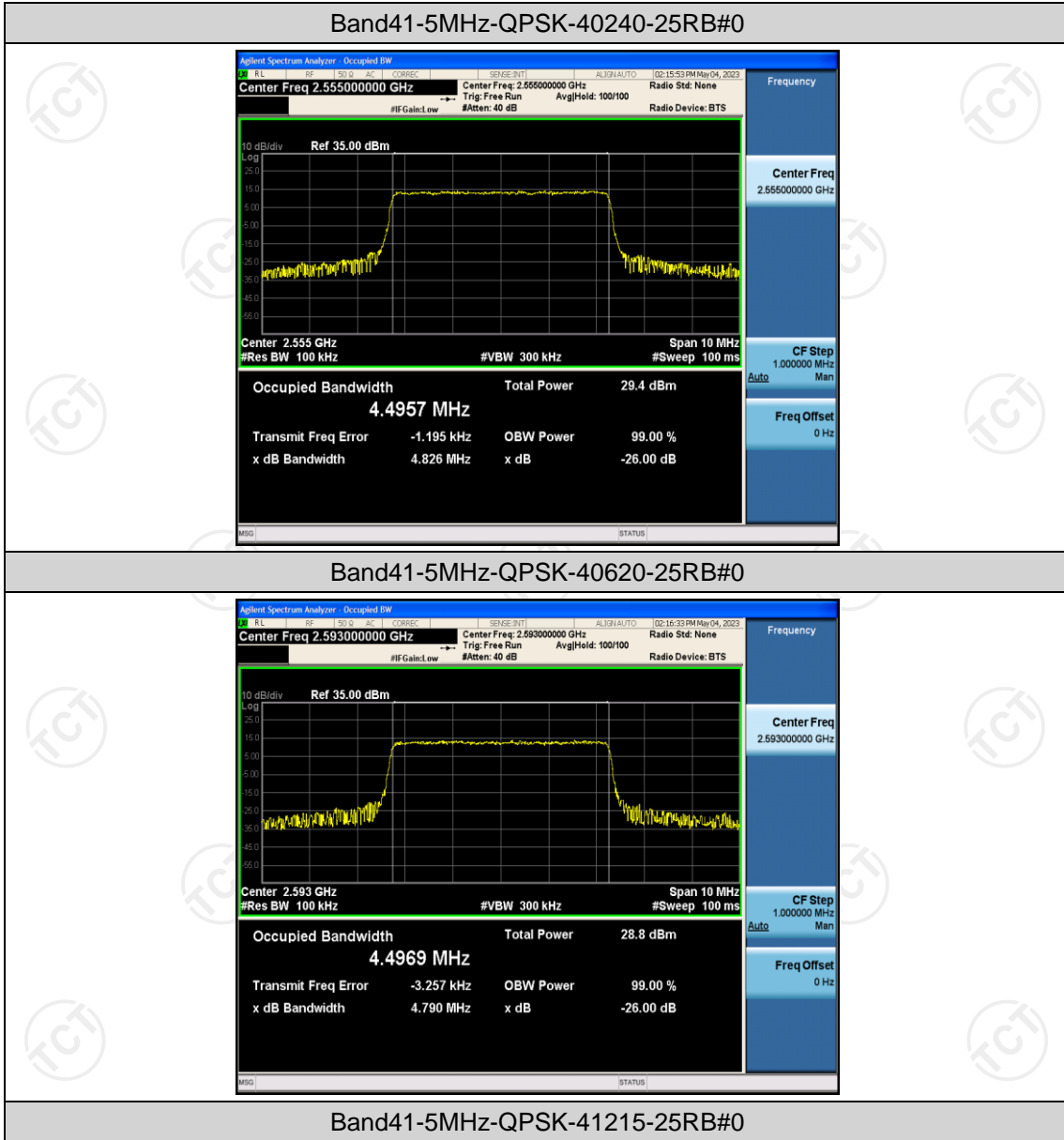
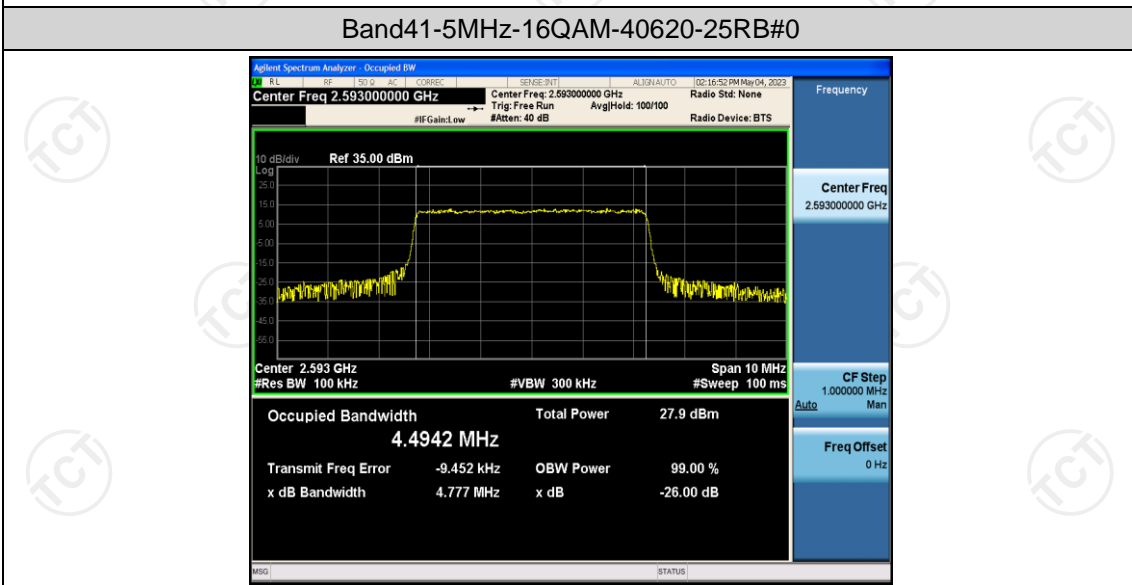
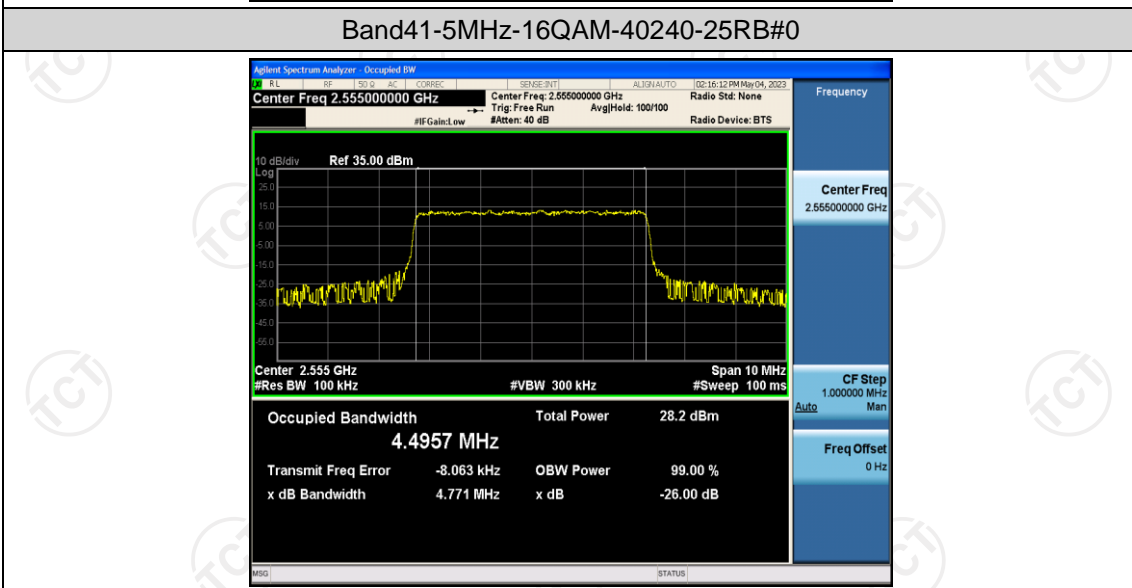
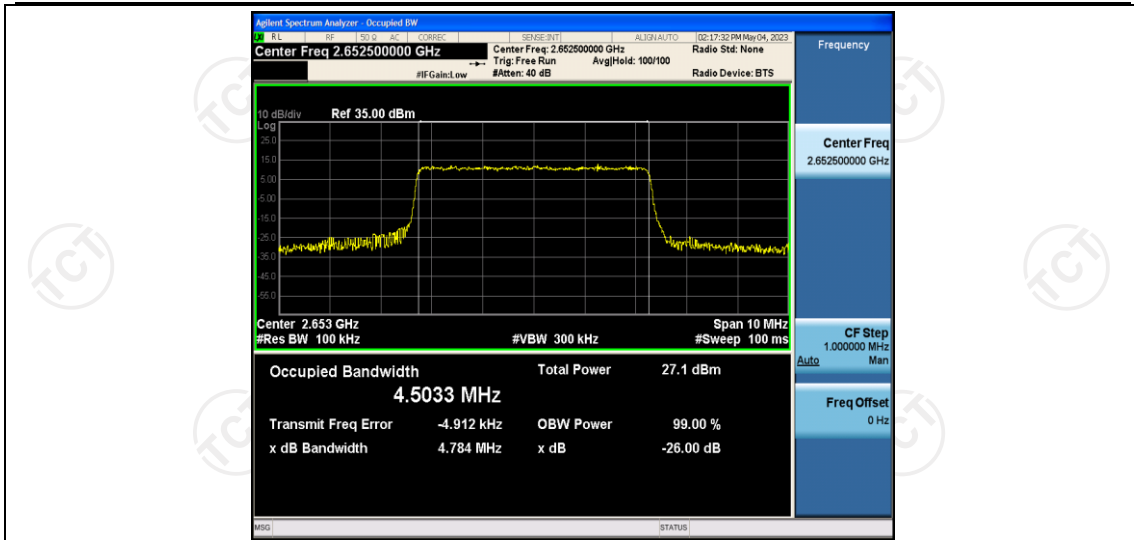


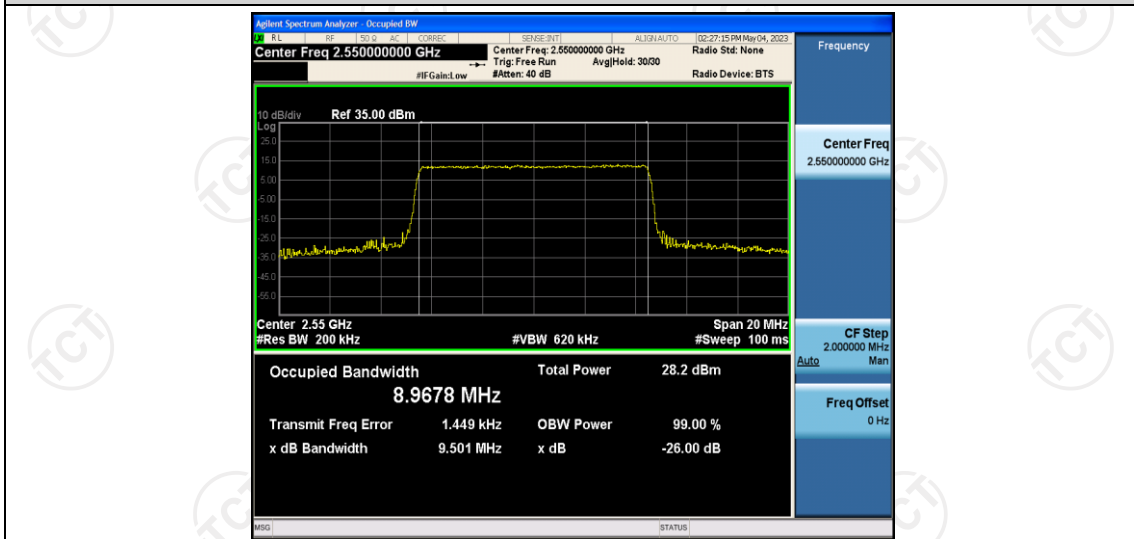
Test Graphs



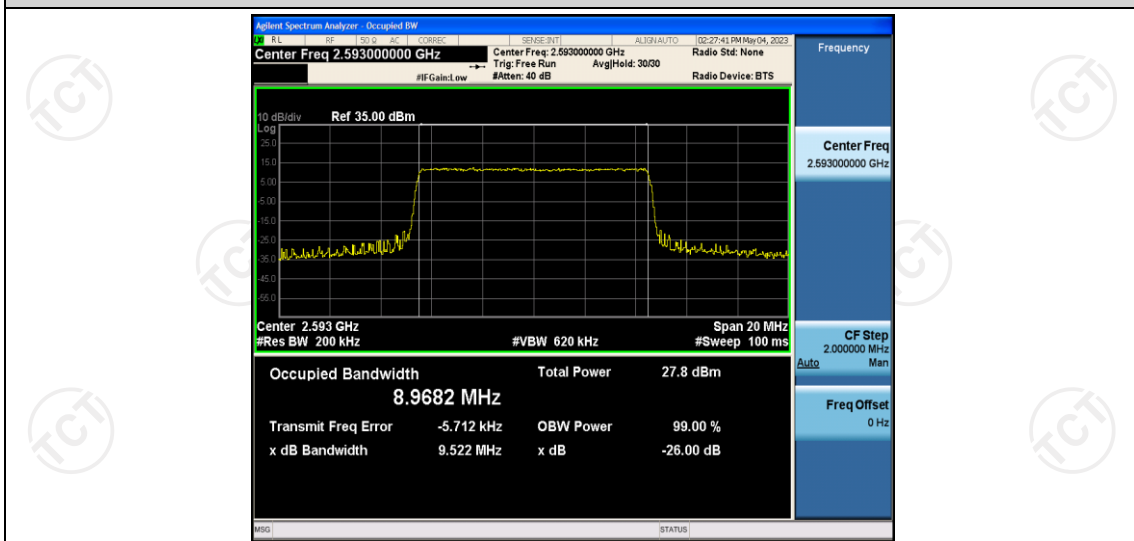




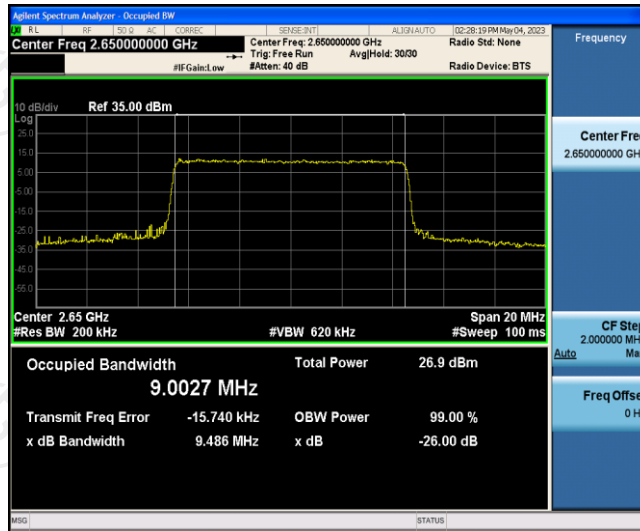
Band41-10MHz-QPSK-40190-50RB#0



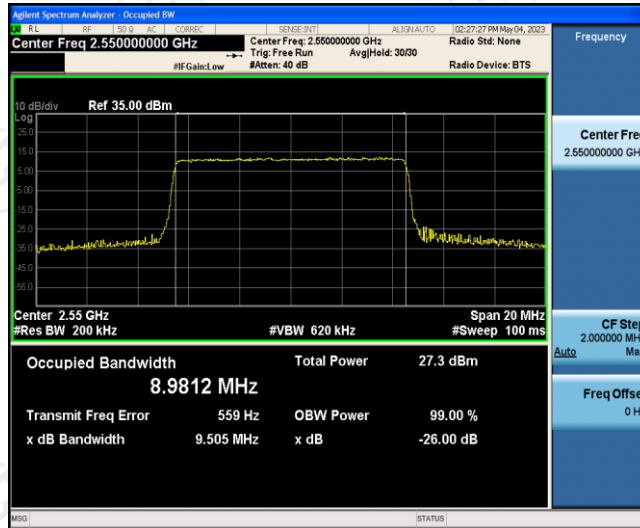
Band41-10MHz-QPSK-40620-50RB#0



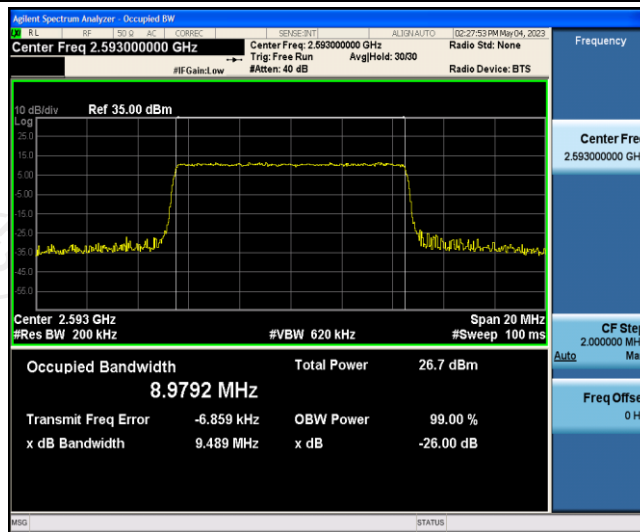
Band41-10MHz-QPSK-41190-50RB#0



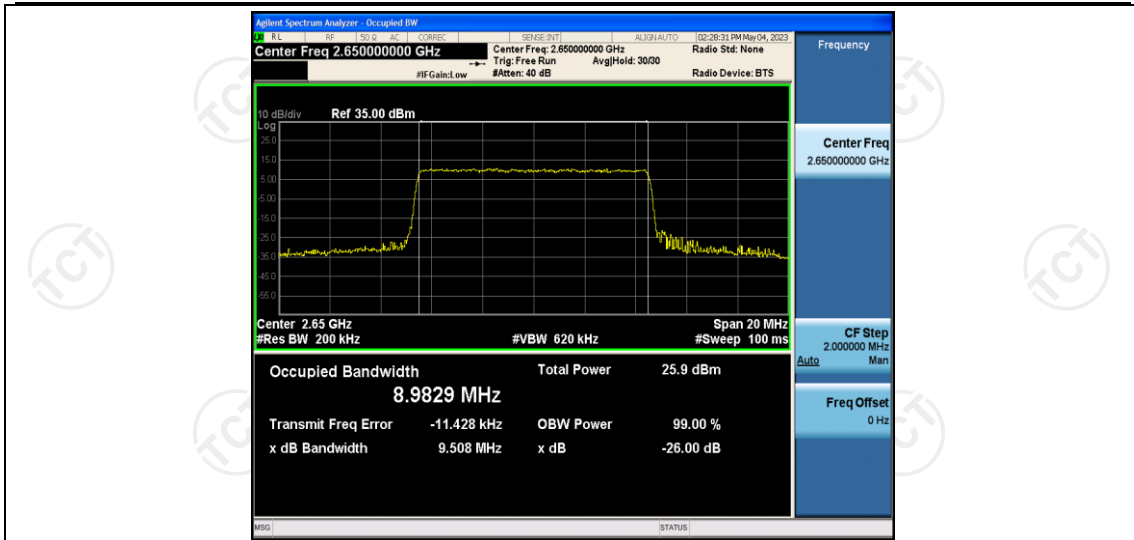
Band41-10MHz-16QAM-40190-50RB#0



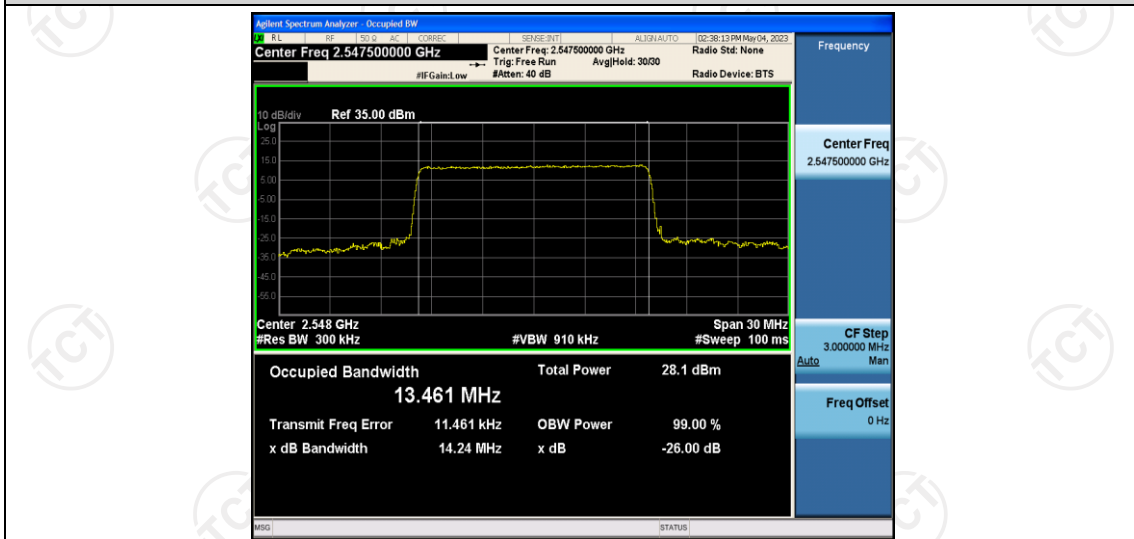
Band41-10MHz-16QAM-40620-50RB#0



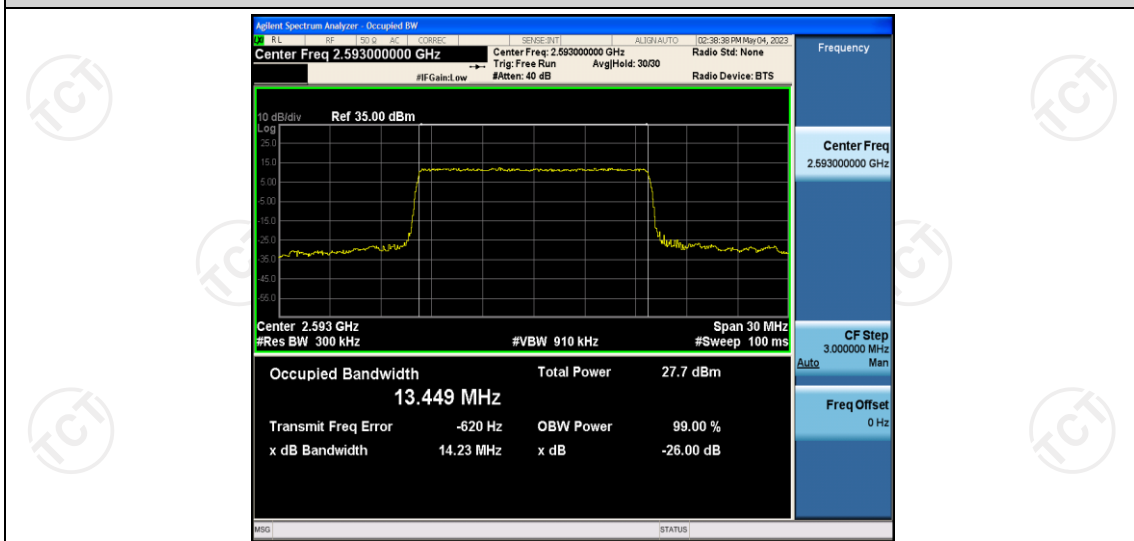
Band41-10MHz-16QAM-41190-50RB#0



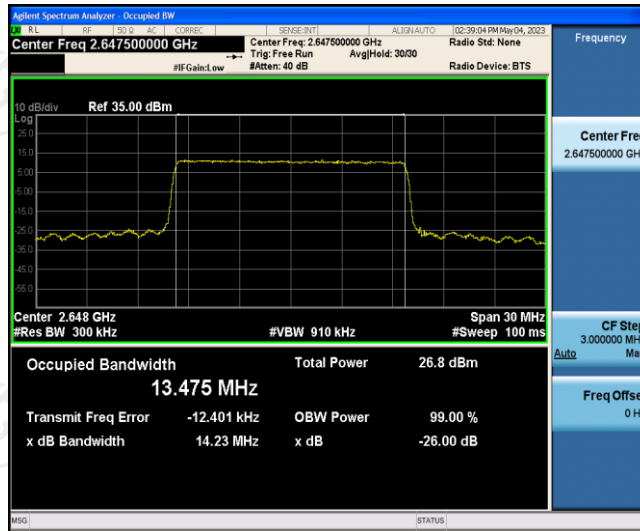
Band41-15MHz-QPSK-40165-75RB#0



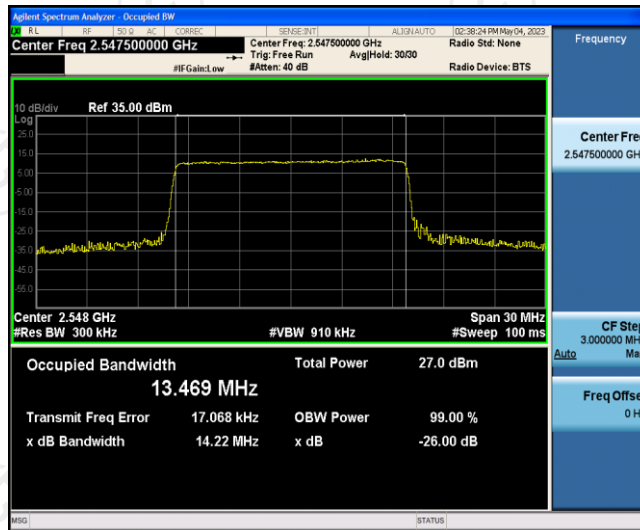
Band41-15MHz-QPSK-40620-75RB#0



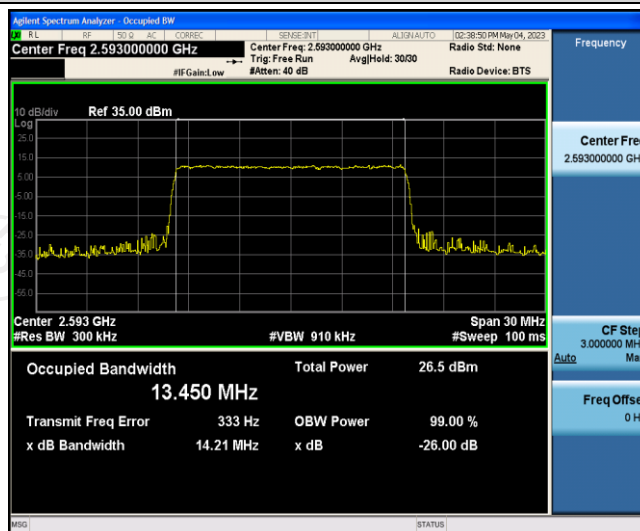
Band41-15MHz-QPSK-41165-75RB#0



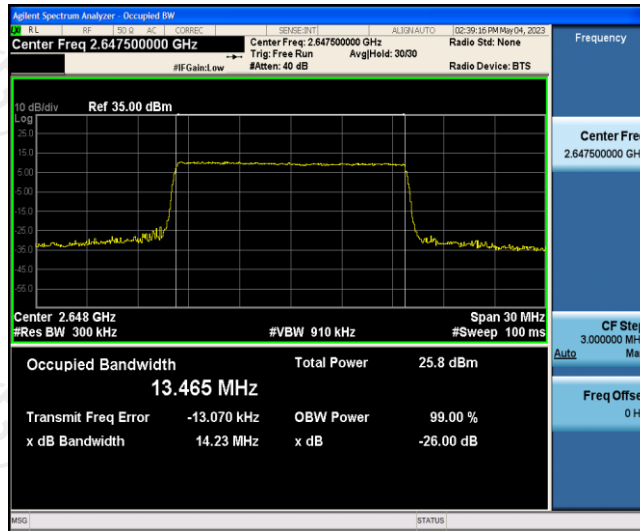
Band41-15MHz-16QAM-40165-75RB#0



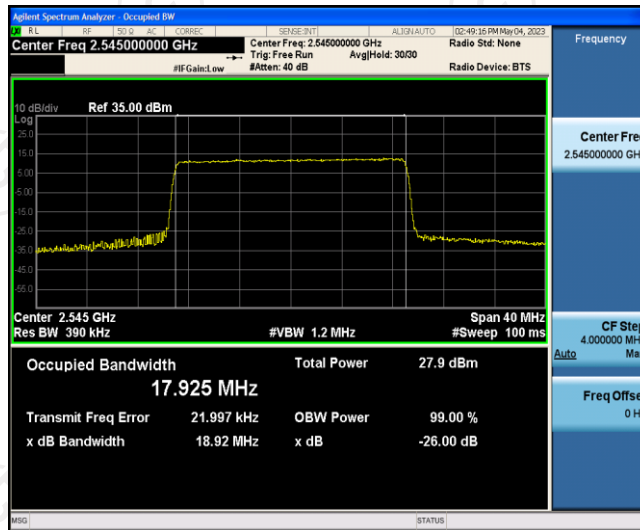
Band41-15MHz-16QAM-40620-75RB#0



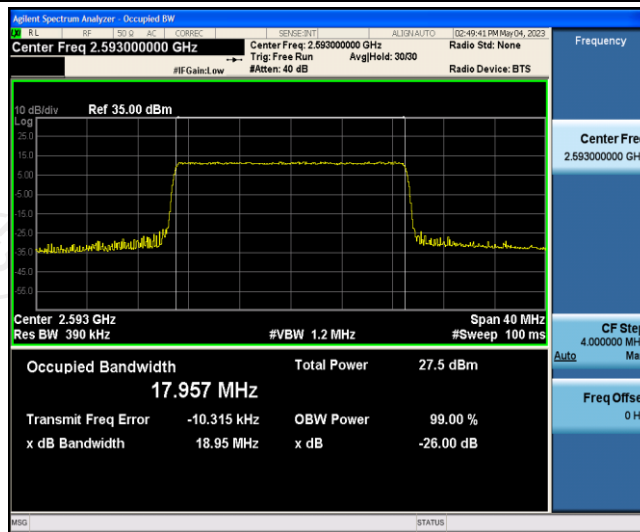
Band41-15MHz-16QAM-41165-75RB#0



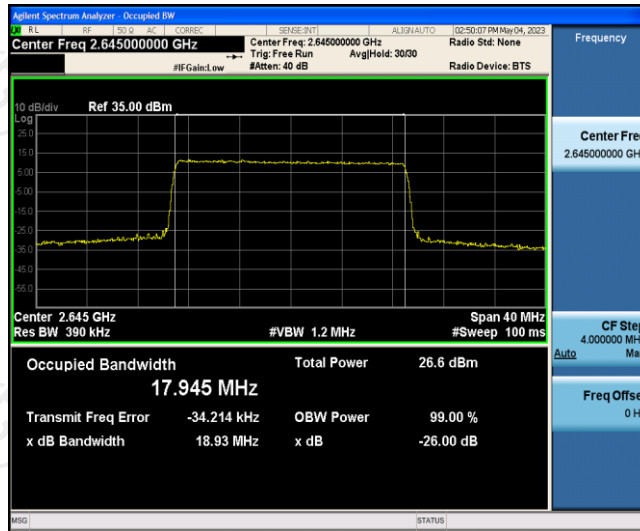
Band41-20MHz-QPSK-40140-100RB#0



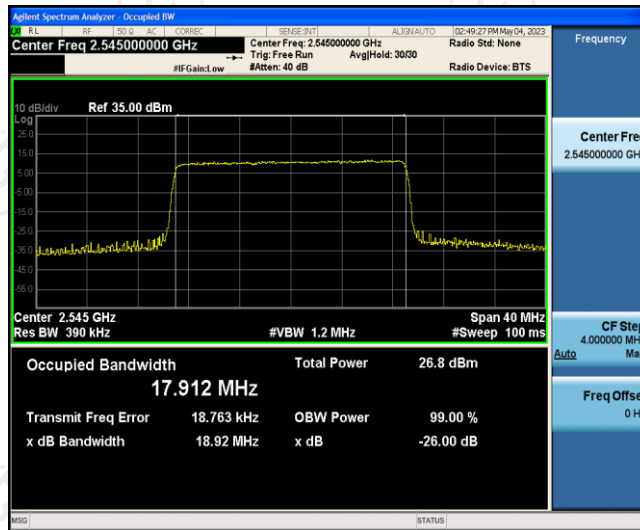
Band41-20MHz-QPSK-40620-100RB#0



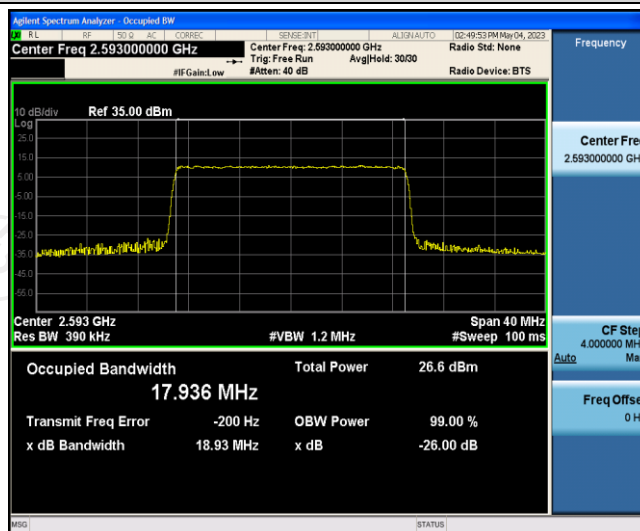
Band41-20MHz-QPSK-41140-100RB#0



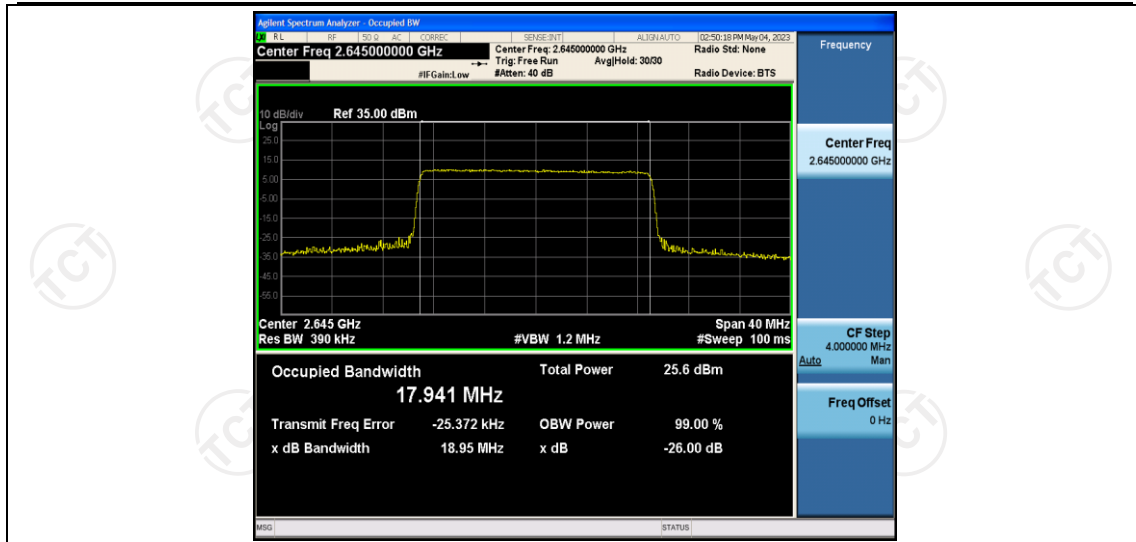
Band41-20MHz-16QAM-40140-100RB#0



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



Band41-20MHz-16QAM-41140-100RB#0

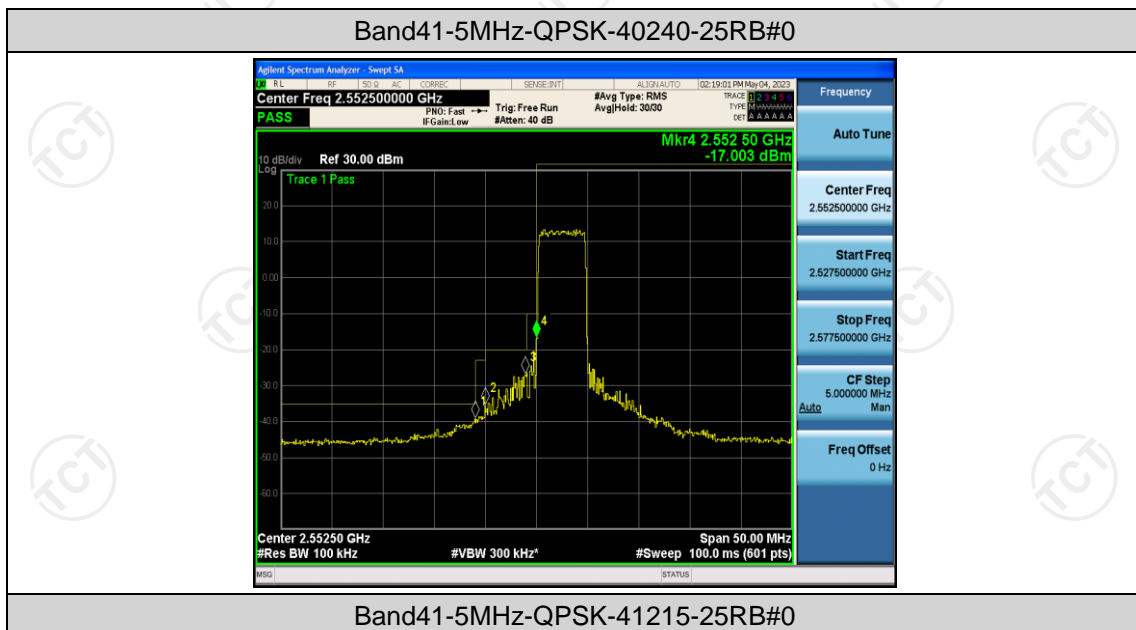


Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	40240	25RB#0	-39.33,-35.58,-27.03,-17.00	PASS
Band41	5MHz	QPSK	41215	25RB#0	-22.06,-28.91,-36.12,-38.20	PASS
Band41	5MHz	16QAM	40240	25RB#0	-40.88,-36.32,-29.82,-22.27	PASS
Band41	5MHz	16QAM	41215	25RB#0	-22.64,-27.62,-37.61,-39.95	PASS
Band41	10MHz	QPSK	40190	50RB#0	-39.19,-32.07,-27.24,-22.16	PASS
Band41	10MHz	QPSK	41190	50RB#0	-24.57,-28.06,-31.21,-37.83	PASS
Band41	10MHz	16QAM	40190	50RB#0	-39.35,-33.18,-28.80,-25.81	PASS
Band41	10MHz	16QAM	41190	50RB#0	-23.93,-29.05,-34.22,-38.53	PASS
Band41	15MHz	QPSK	40165	75RB#0	-38.06,-29.77,-26.58,-22.88	PASS
Band41	15MHz	QPSK	41165	75RB#0	-23.39,-25.81,-27.72,-36.14	PASS
Band41	15MHz	16QAM	40165	75RB#0	-39.38,-32.70,-28.66,-26.41	PASS
Band41	15MHz	16QAM	41165	75RB#0	-23.55,-27.24,-31.79,-37.68	PASS
Band41	20MHz	QPSK	40140	100RB#0	-39.18,-31.63,-27.48,-24.52	PASS
Band41	20MHz	QPSK	41140	100RB#0	-26.41,-28.36,-30.62,-37.55	PASS
Band41	20MHz	16QAM	40140	100RB#0	-39.27,-31.30,-29.59,-28.25	PASS
Band41	20MHz	16QAM	41140	100RB#0	-28.66,-30.00,-33.19,-37.98	PASS

Test Graphs

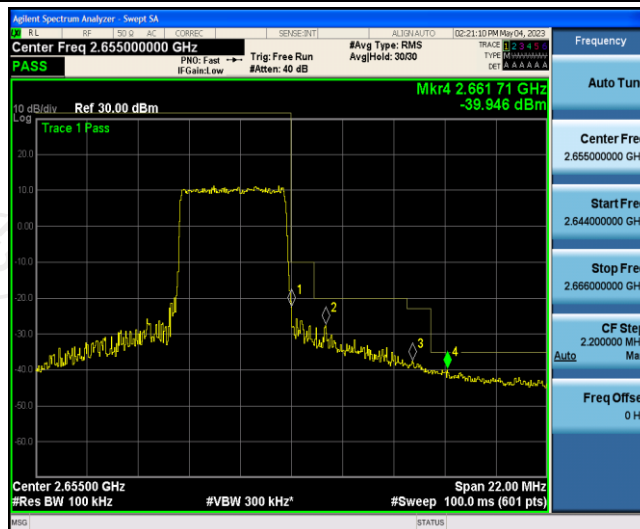




Band41-5MHz-16QAM-40240-25RB#0



Band41-5MHz-16QAM-41215-25RB#0



Band41-10MHz-QPSK-40190-50RB#0



Band41-10MHz-QPSK-41190-50RB#0



Band41-10MHz-16QAM-40190-50RB#0



Band41-10MHz-16QAM-41190-50RB#0



Band41-15MHz-QPSK-40165-75RB#0



Band41-15MHz-QPSK-41165-75RB#0



Band41-15MHz-16QAM-40165-75RB#0



Band41-15MHz-16QAM-41165-75RB#0



Band41-20MHz-QPSK-40140-100RB#0



Band41-20MHz-QPSK-41140-100RB#0



Band41-20MHz-16QAM-40140-100RB#0



Band41-20MHz-16QAM-41140-100RB#0



Appendix E: Conducted Spurious Emission

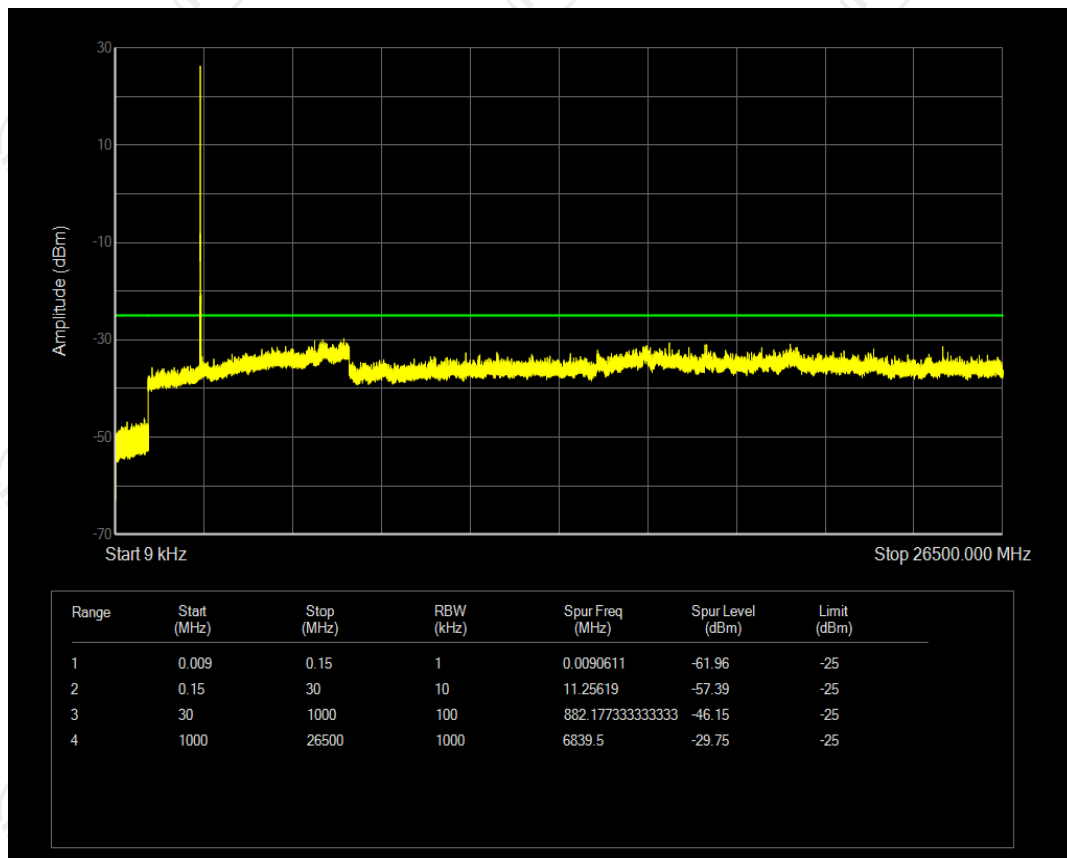
Test Result

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band41(253 5-2655)	5	40265	1	#0	QPSK	6839.50	-29.75	-25	PASS
Band41(253 5-2655)	5	40265	1	#0	16QAM	6266.60	-29.45	-25	PASS
Band41(253 5-2655)	5	40740	1	#0	QPSK	6779.15	-29.99	-25	PASS
Band41(253 5-2655)	5	40740	1	#0	16QAM	6324.40	-29.57	-25	PASS
Band41(253 5-2655)	5	41215	1	#0	QPSK	6246.20	-29.92	-25	PASS
Band41(253 5-2655)	5	41215	1	#0	16QAM	5971.65	-29.71	-25	PASS
Band41(253 5-2655)	10	40290	1	#0	QPSK	6862.45	-29.95	-25	PASS
Band41(253 5-2655)	10	40290	1	#0	16QAM	6958.50	-29.59	-25	PASS
Band41(253 5-2655)	10	40740	1	#0	QPSK	6313.35	-30.12	-25	PASS
Band41(253 5-2655)	10	40740	1	#0	16QAM	6243.65	-30.03	-25	PASS
Band41(253 5-2655)	10	41190	1	#0	QPSK	6910.05	-29.47	-25	PASS
Band41(253 5-2655)	10	41190	1	#0	16QAM	6887.10	-29.87	-25	PASS
Band41(253 5-2655)	15	40315	1	#0	QPSK	6768.95	-29.66	-25	PASS
Band41(253 5-2655)	15	40315	1	#0	16QAM	6505.45	-30.15	-25	PASS
Band41(253 5-2655)	15	40740	1	#0	QPSK	6226.65	-30.06	-25	PASS
Band41(253 5-2655)	15	40740	1	#0	16QAM	6192.65	-30.01	-25	PASS
Band41(253 5-2655)	15	41165	1	#0	QPSK	6261.50	-29.96	-25	PASS
Band41(253 5-2655)	15	41165	1	#0	16QAM	6852.25	-29.72	-25	PASS

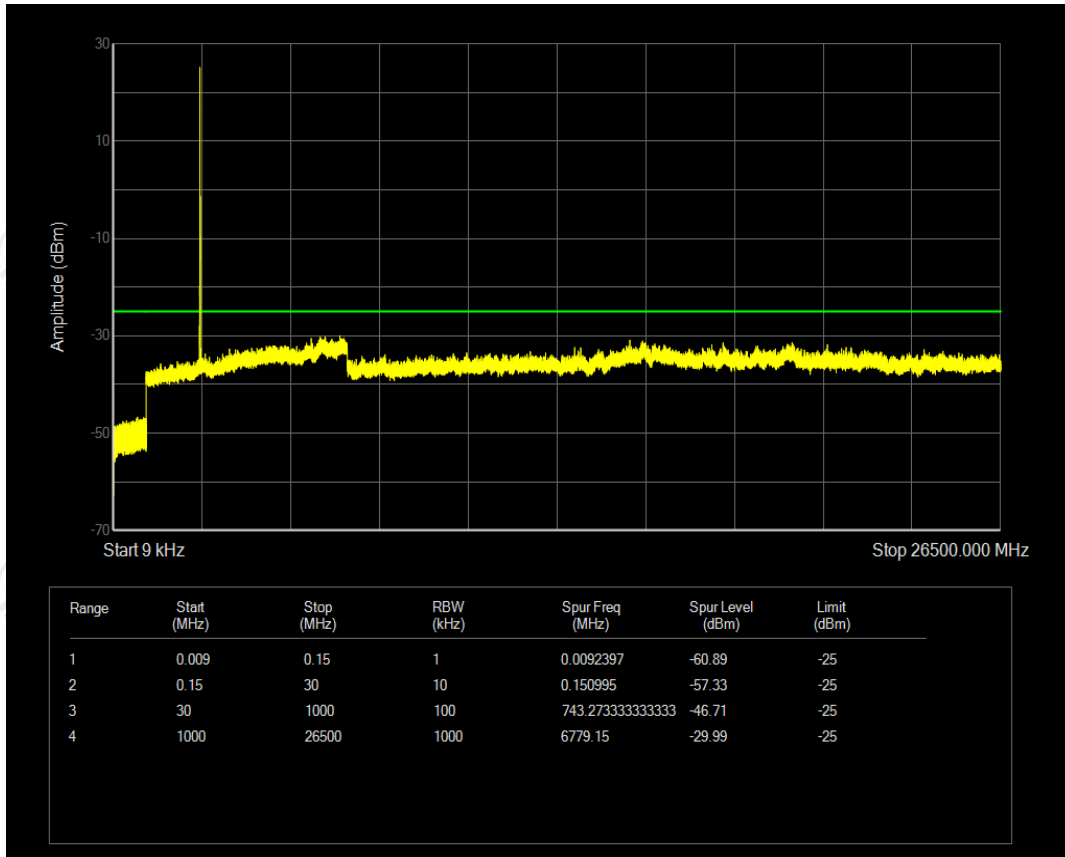
Band41(253 5-2655)	20	40340	1	#0	QPSK	6222.40	-29.49	-25	PASS
Band41(253 5-2655)	20	40340	1	#0	16QAM	15835.05	-30.36	-25	PASS
Band41(253 5-2655)	20	40740	1	#0	QPSK	6188.40	-29.72	-25	PASS
Band41(253 5-2655)	20	40740	1	#0	16QAM	6943.20	-29.78	-25	PASS
Band41(253 5-2655)	20	41140	1	#0	QPSK	6270.85	-29.44	-25	PASS
Band41(253 5-2655)	20	41140	1	#0	16QAM	6847.15	-29.41	-25	PASS

Test Graphs

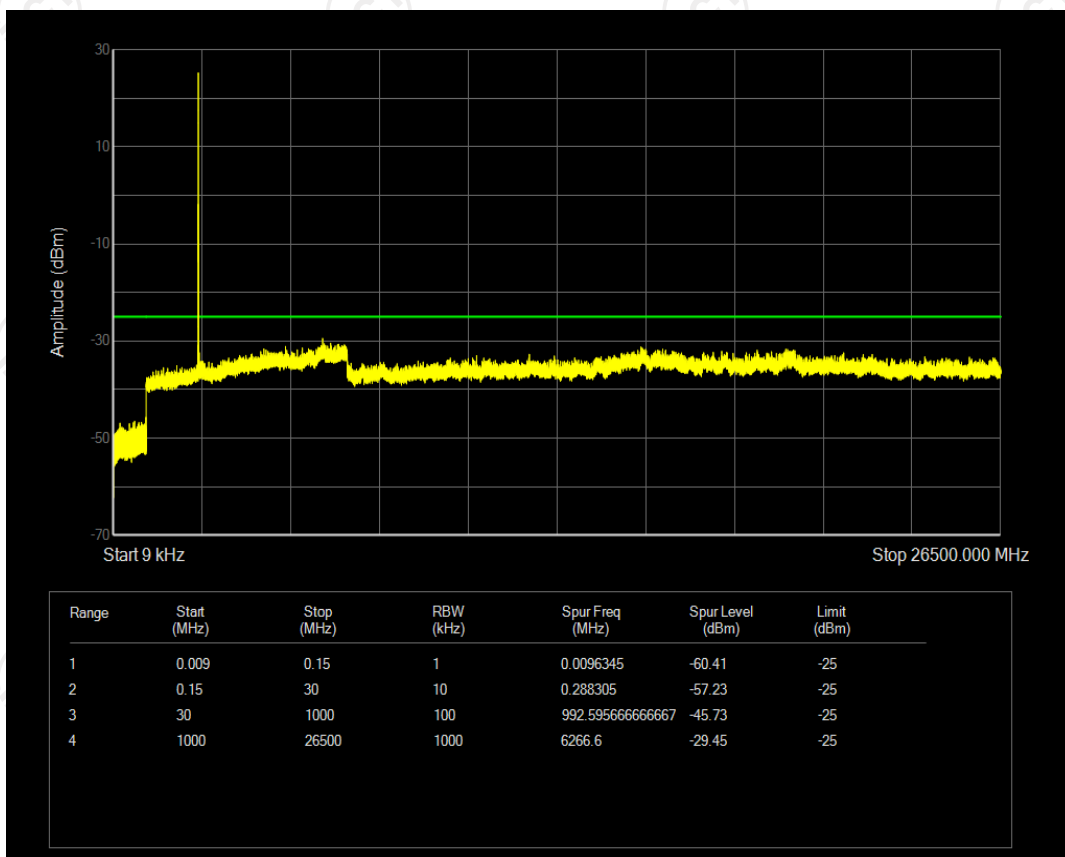
Band41(2535-2655) QPSK BW=5MHz Channel=40265 RB Size=1 Position=#0



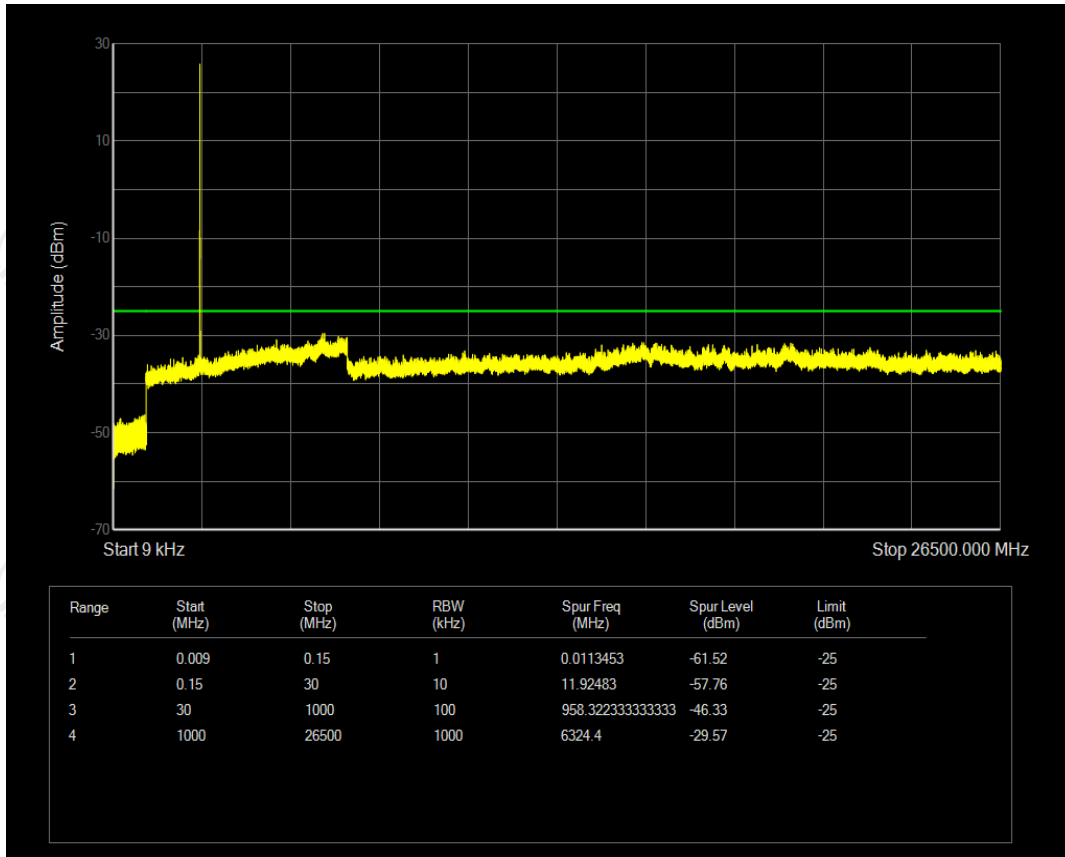
Band41(2535-2655) QPSK BW=5MHz Channel=40740 RB Size=1 Position=#0



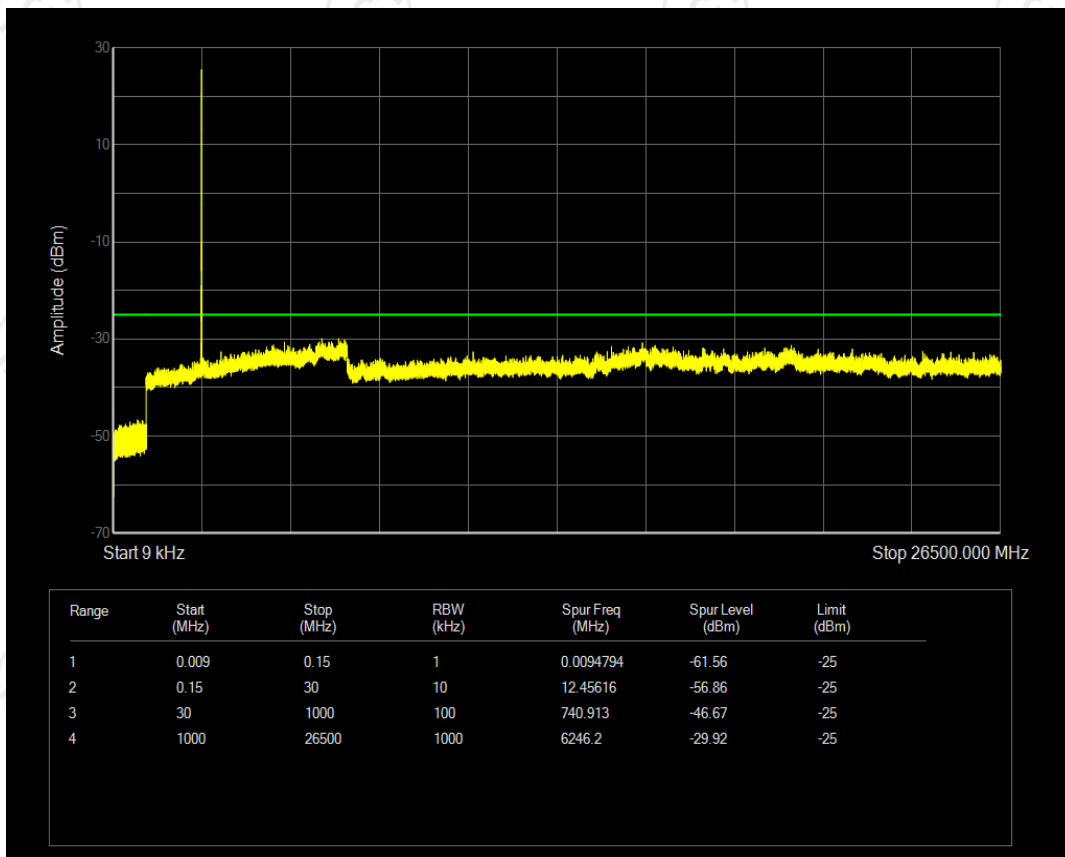
Band41(2535-2655) 16QAM BW=5MHz Channel=40265 RB Size=1 Position=#0



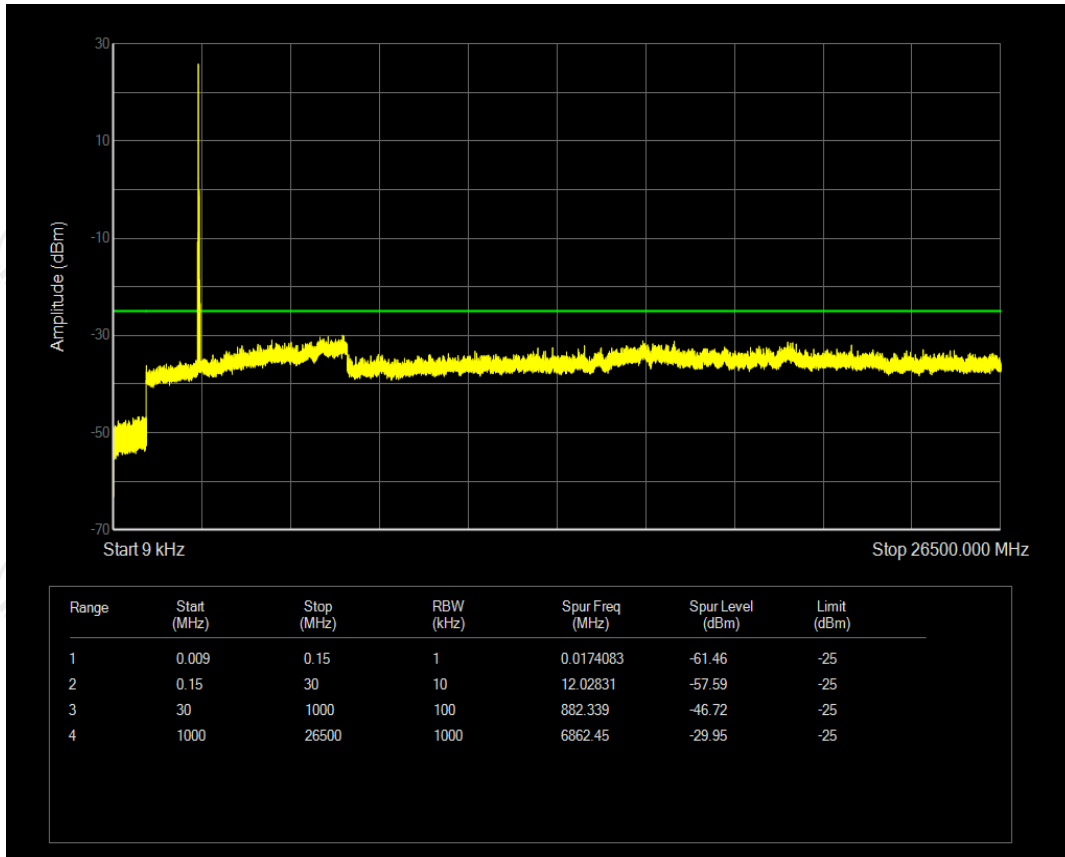
Band41(2535-2655) 16QAM BW=5MHz Channel=40740 RB Size=1 Position=#0



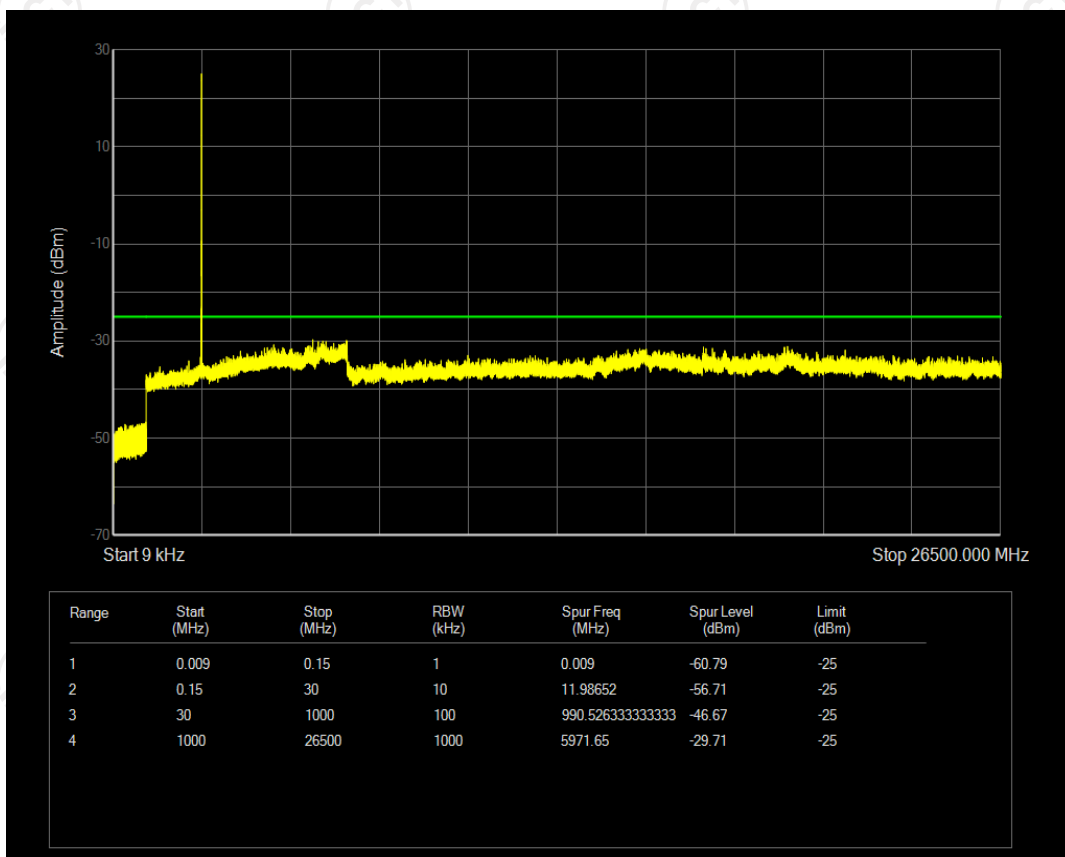
Band41(2535-2655) QPSK BW=5MHz Channel=41215 RB Size=1 Position=#0



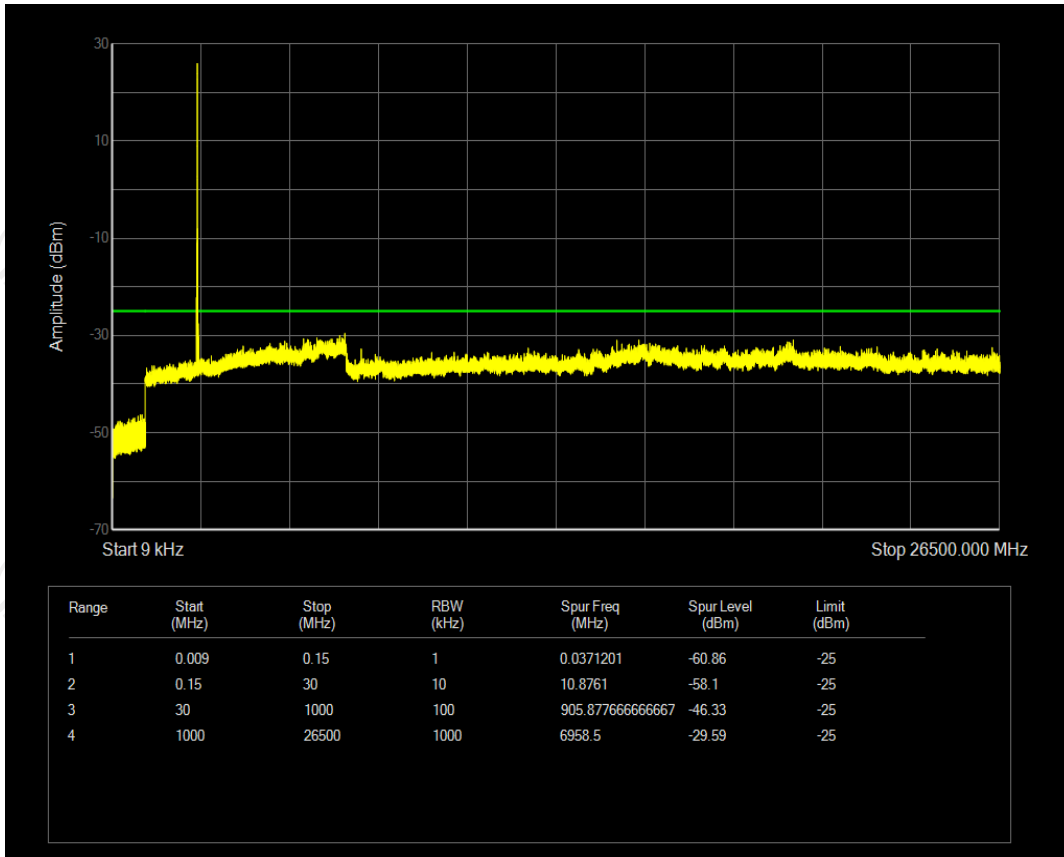
Band41(2535-2655) QPSK BW=10MHz Channel=40290 RB Size=1 Position=#0



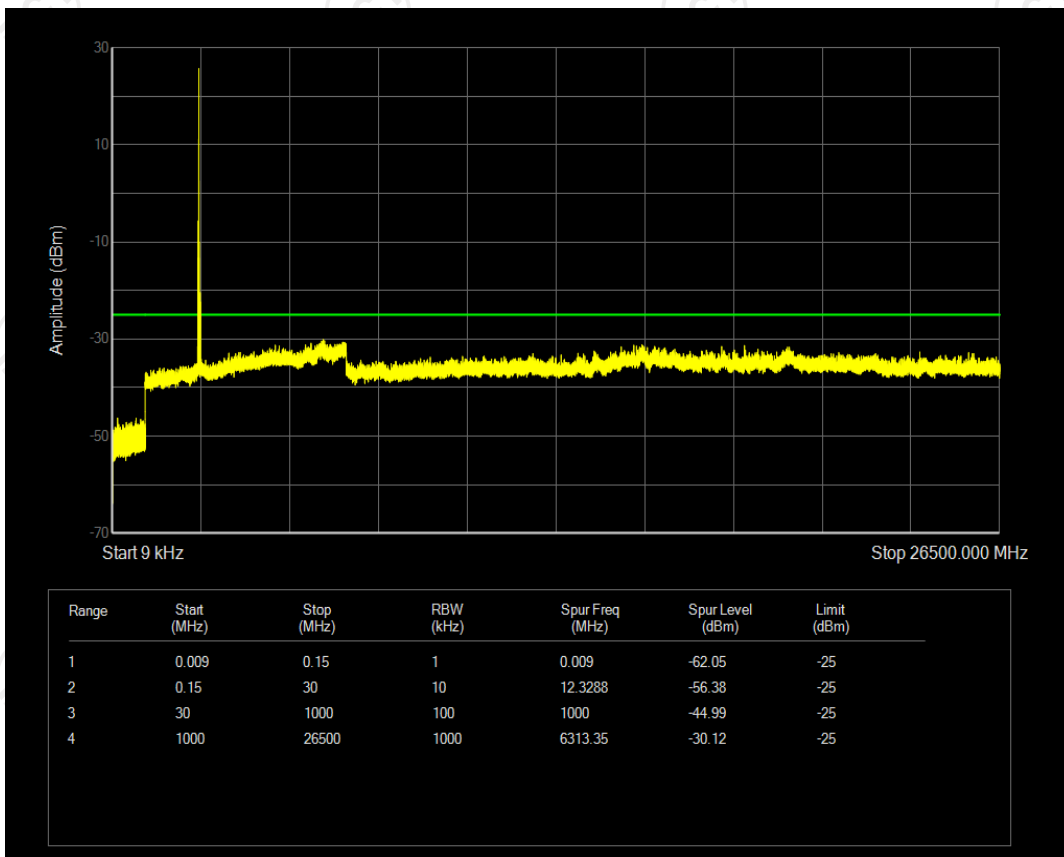
Band41(2535-2655) 16QAM BW=5MHz Channel=41215 RB Size=1 Position=#0



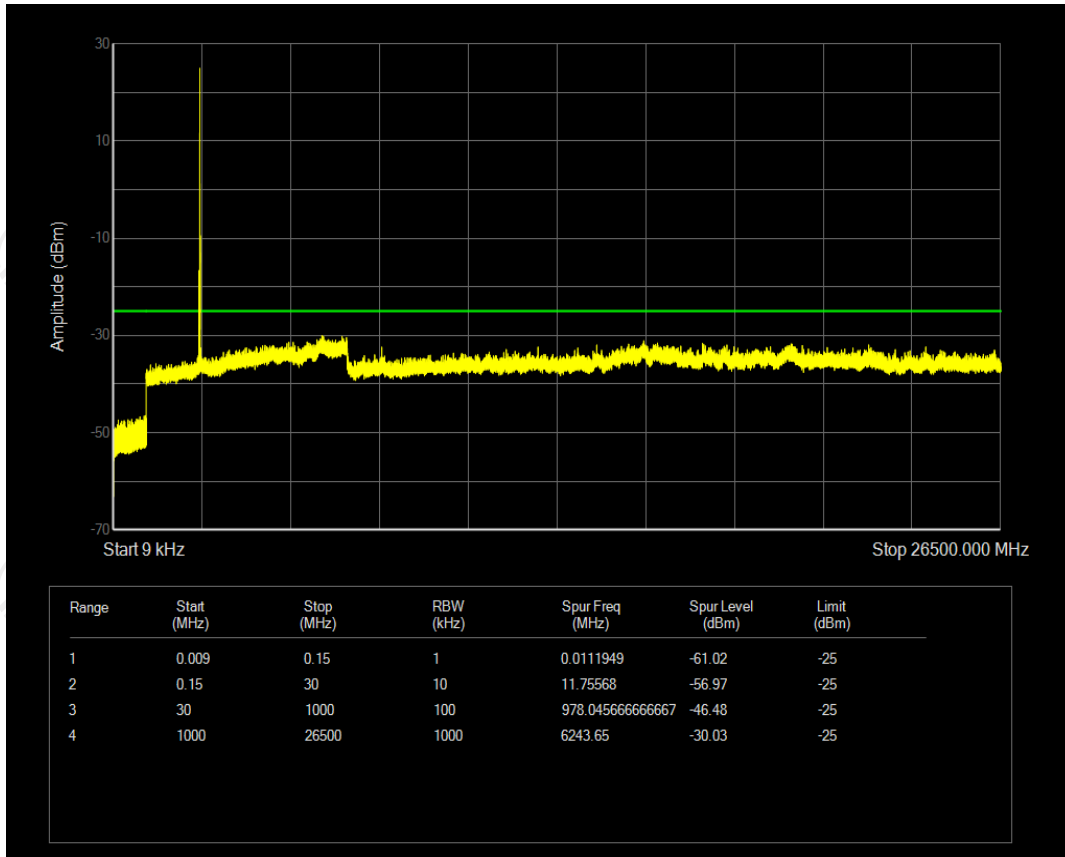
Band41(2535-2655) 16QAM BW=10MHz Channel=40290 RB Size=1 Position=#0



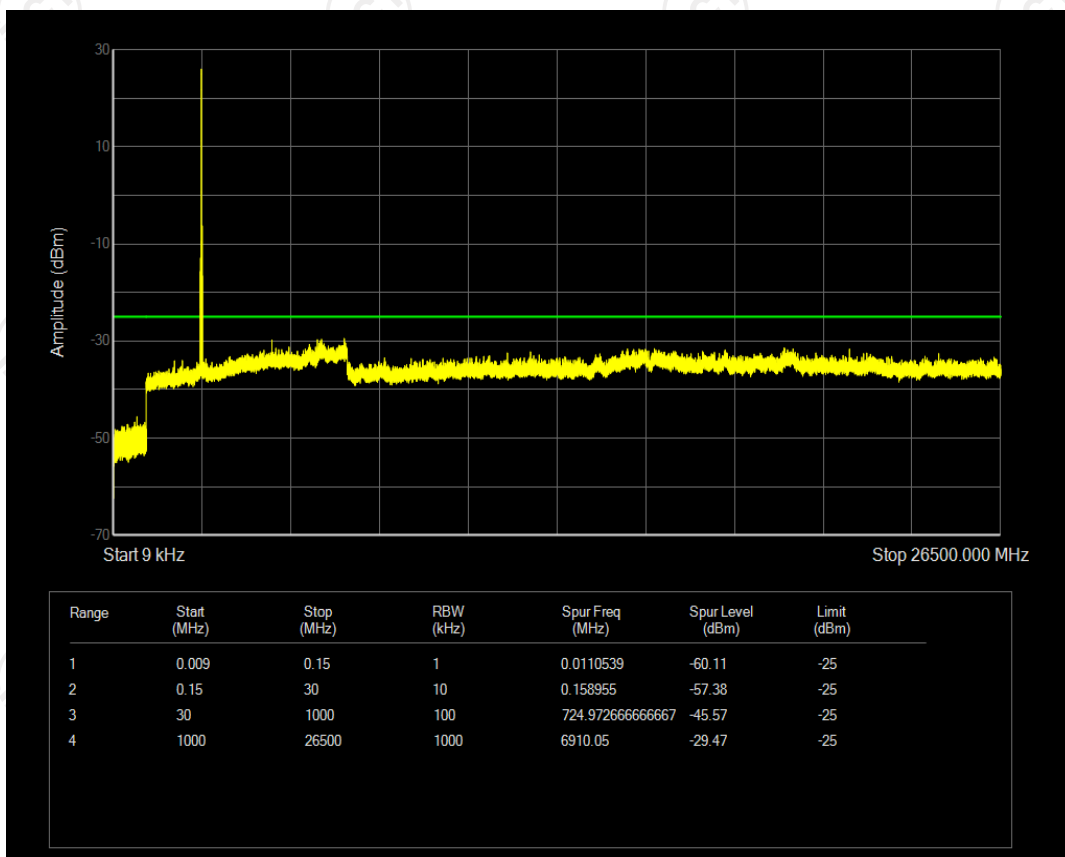
Band41(2535-2655) QPSK BW=10MHz Channel=40740 RB Size=1 Position=#0



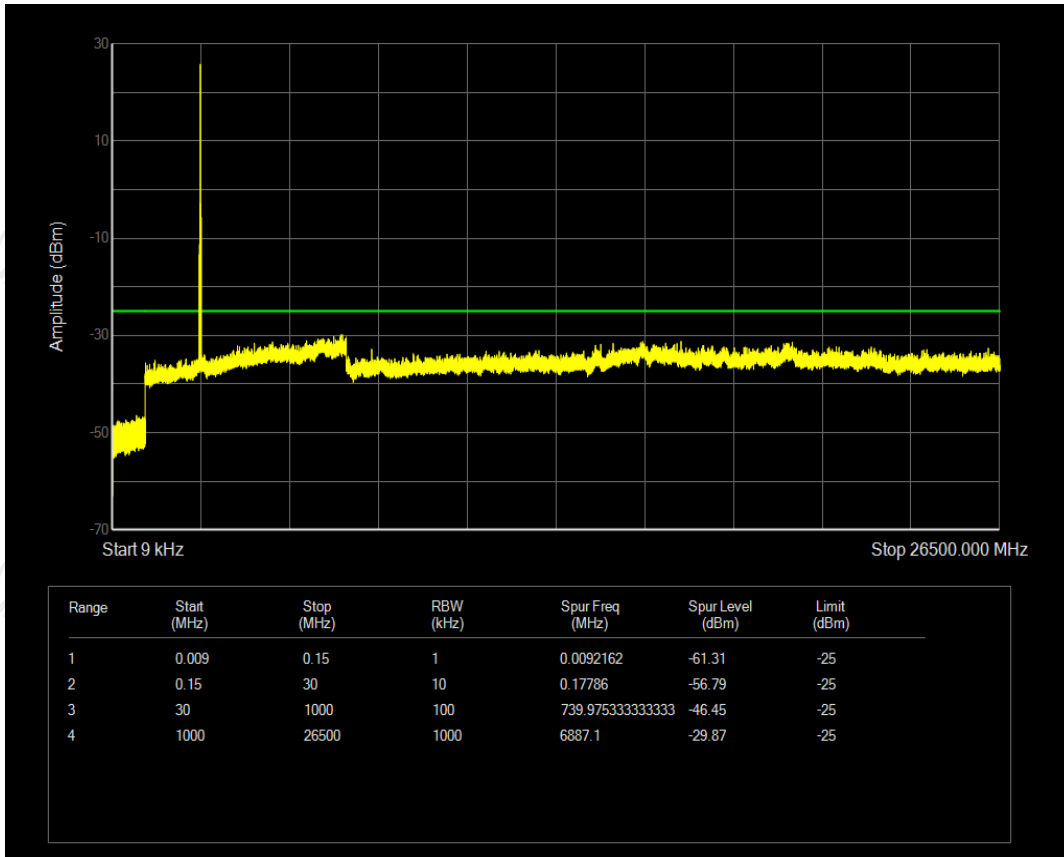
Band41(2535-2655) 16QAM BW=10MHz Channel=40740 RB Size=1 Position=#0



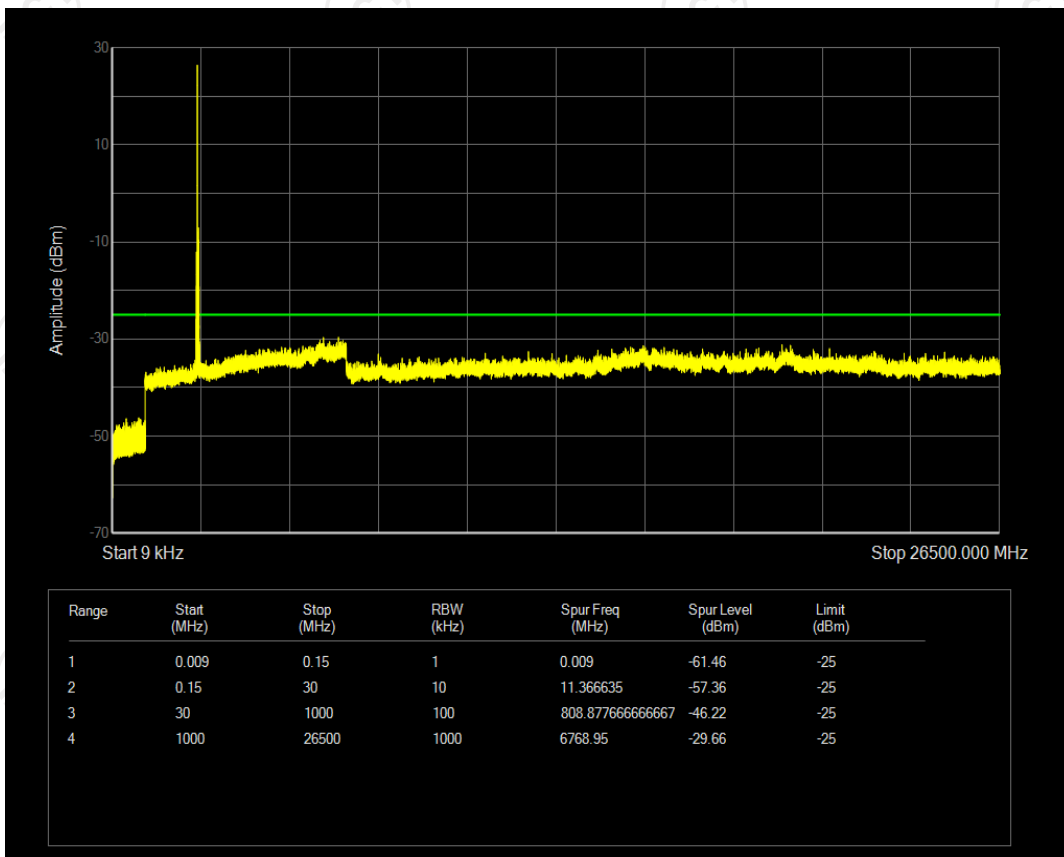
Band41(2535-2655) QPSK BW=10MHz Channel=41190 RB Size=1 Position=#0



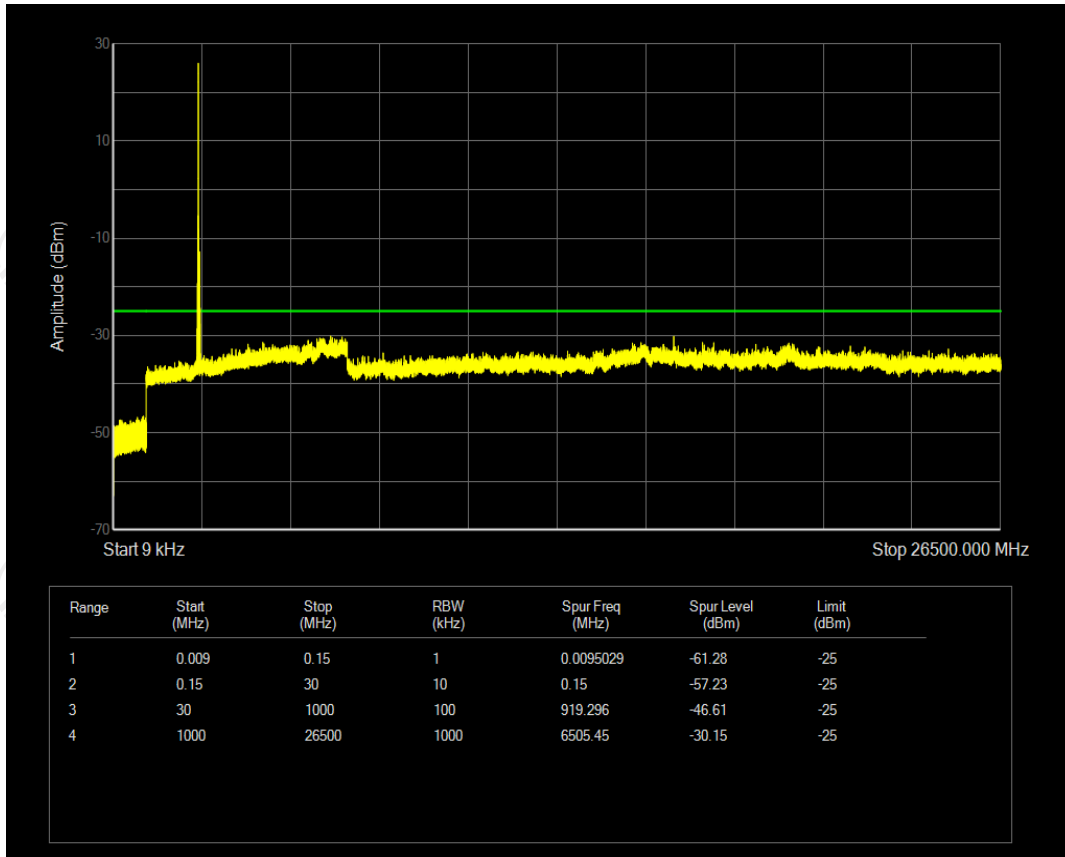
Band41(2535-2655) 16QAM BW=10MHz Channel=41190 RB Size=1 Position=#0



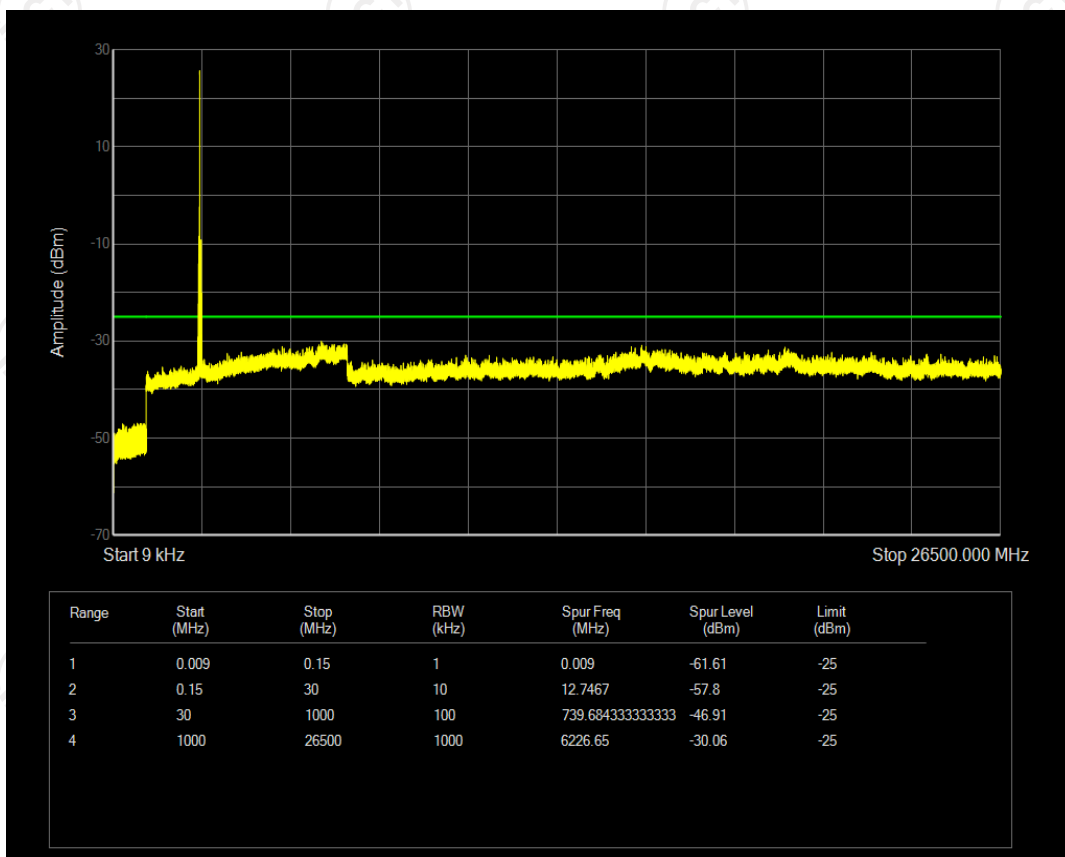
Band41(2535-2655) QPSK BW=15MHz Channel=40315 RB Size=1 Position=#0



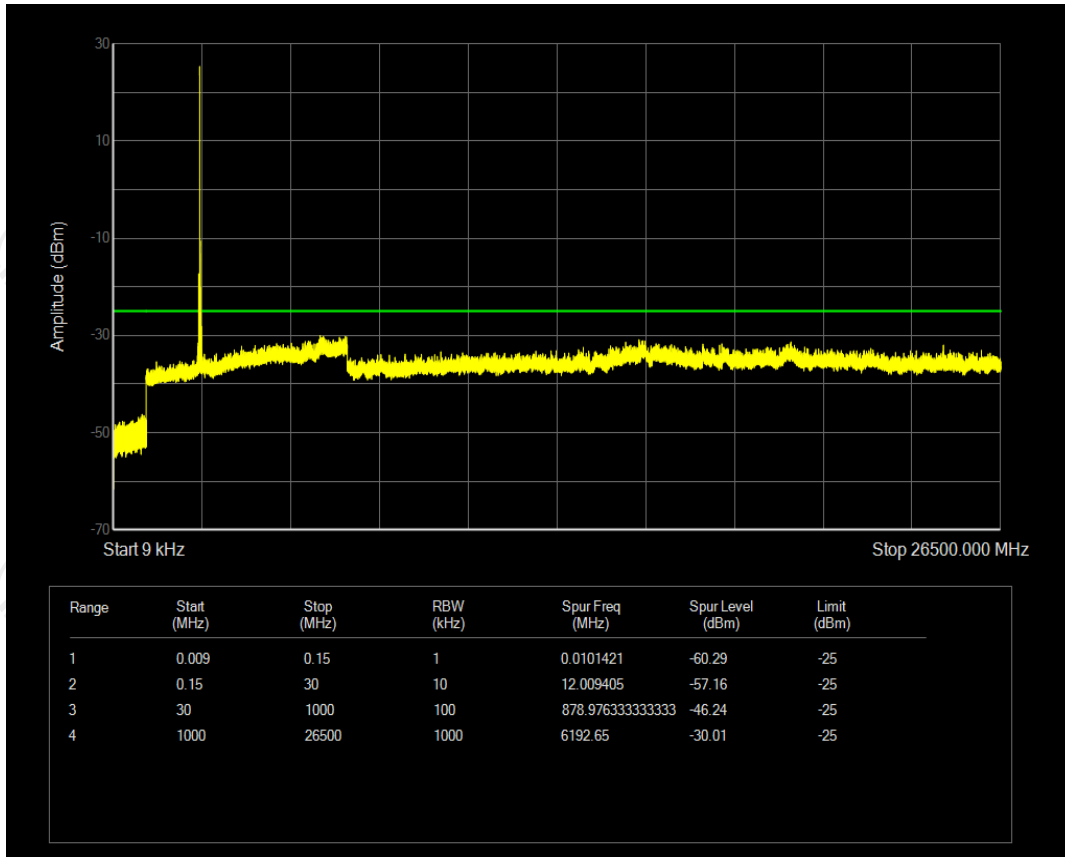
Band41(2535-2655) 16QAM BW=15MHz Channel=40315 RB Size=1 Position=#0



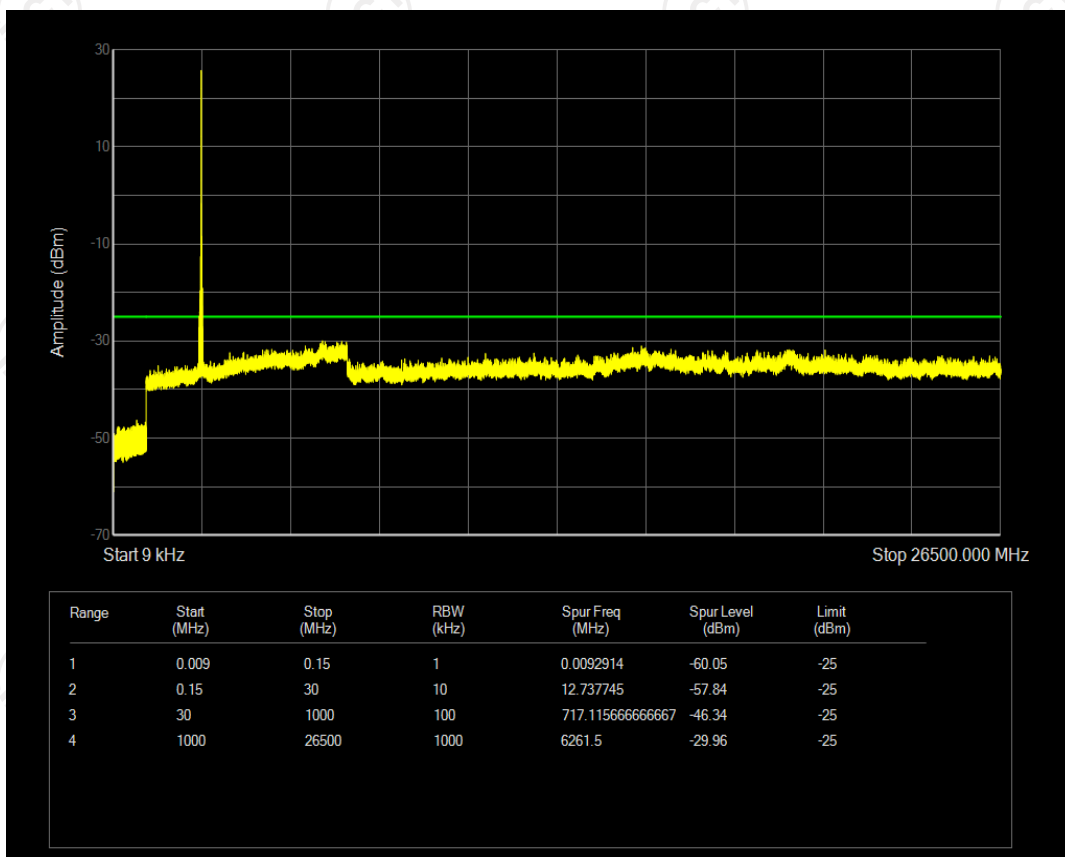
Band41(2535-2655) QPSK BW=15MHz Channel=40740 RB Size=1 Position=#0



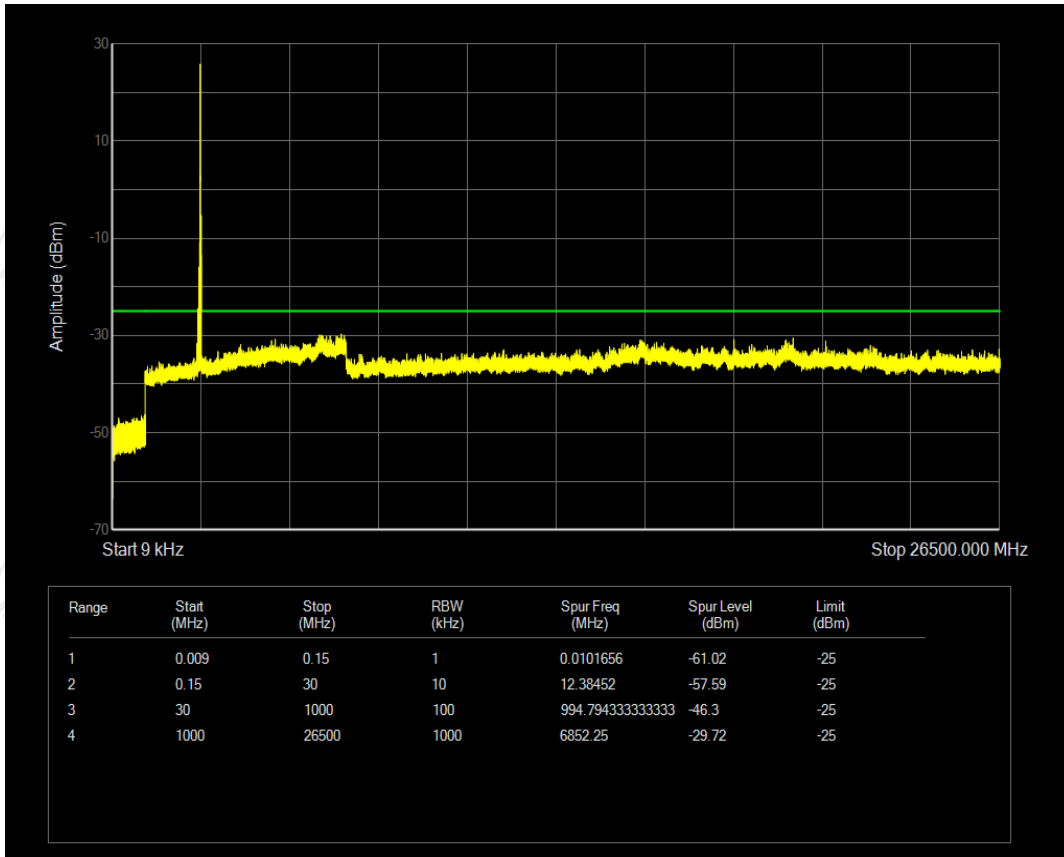
Band41(2535-2655) 16QAM BW=15MHz Channel=40740 RB Size=1 Position=#0



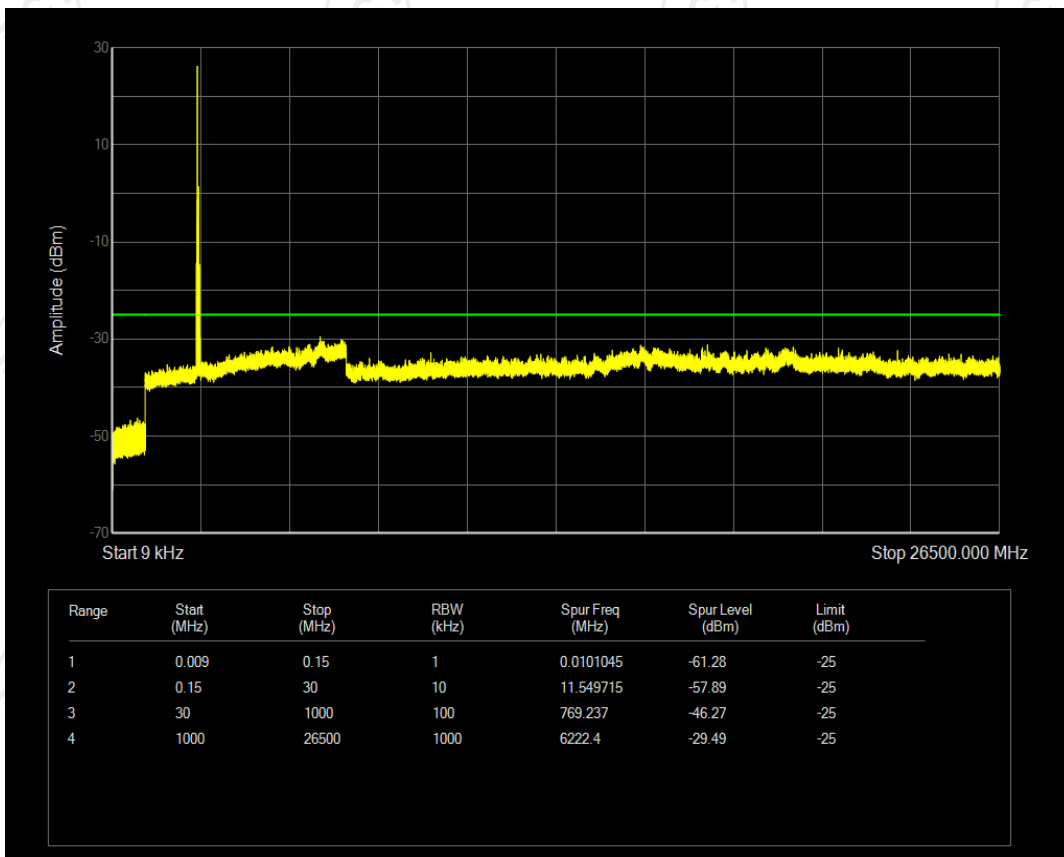
Band41(2535-2655) QPSK BW=15MHz Channel=41165 RB Size=1 Position=#0



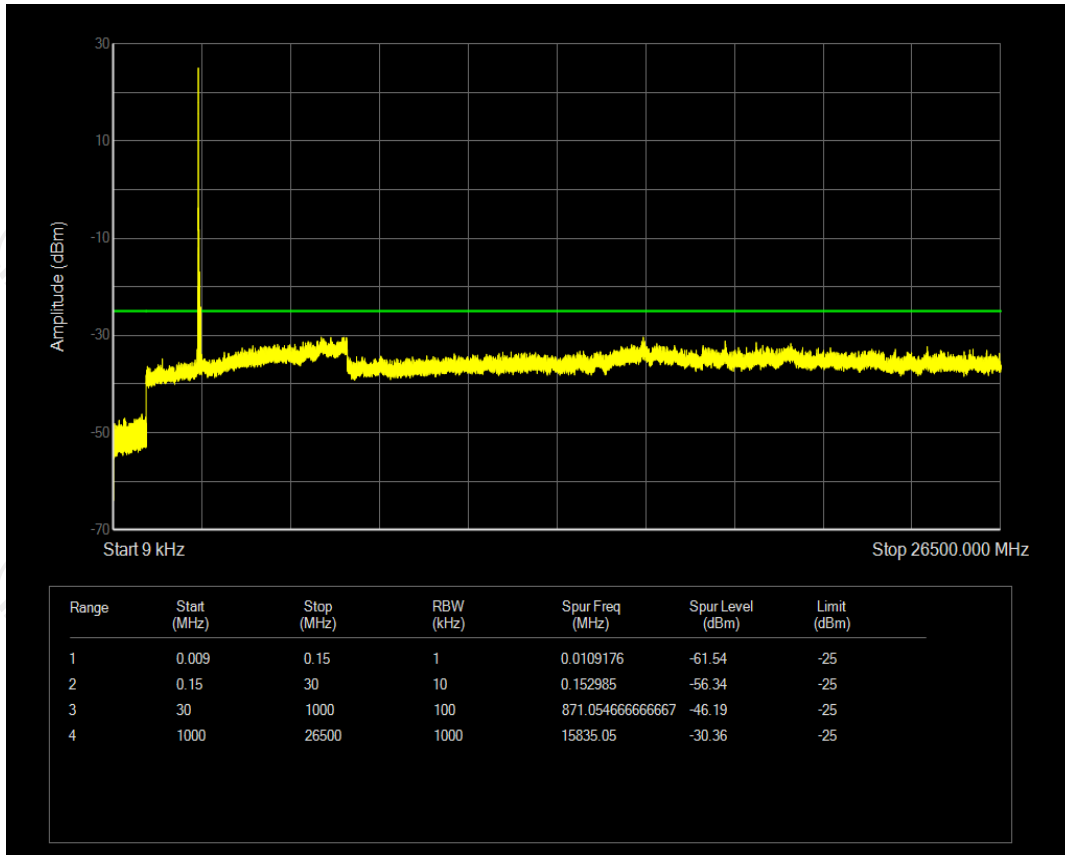
Band41(2535-2655) 16QAM BW=15MHz Channel=41165 RB Size=1 Position=#0



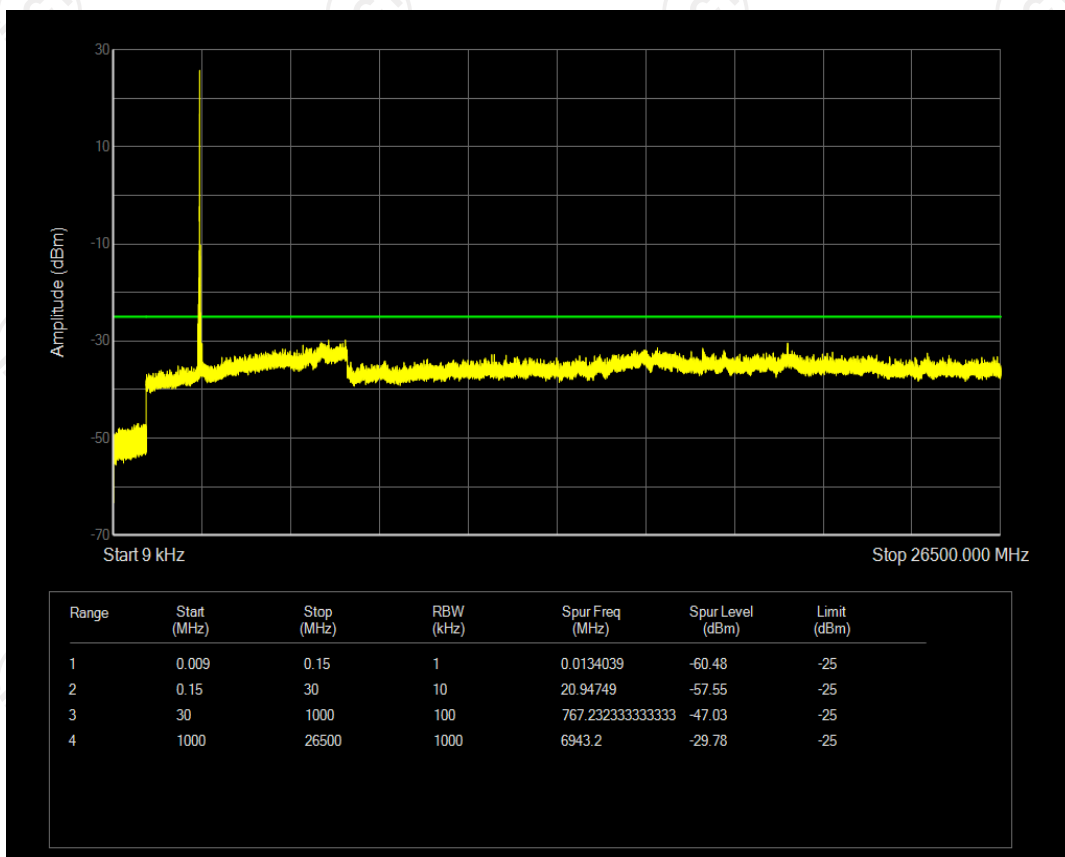
Band41(2535-2655) QPSK BW=20MHz Channel=40340 RB Size=1 Position=#0



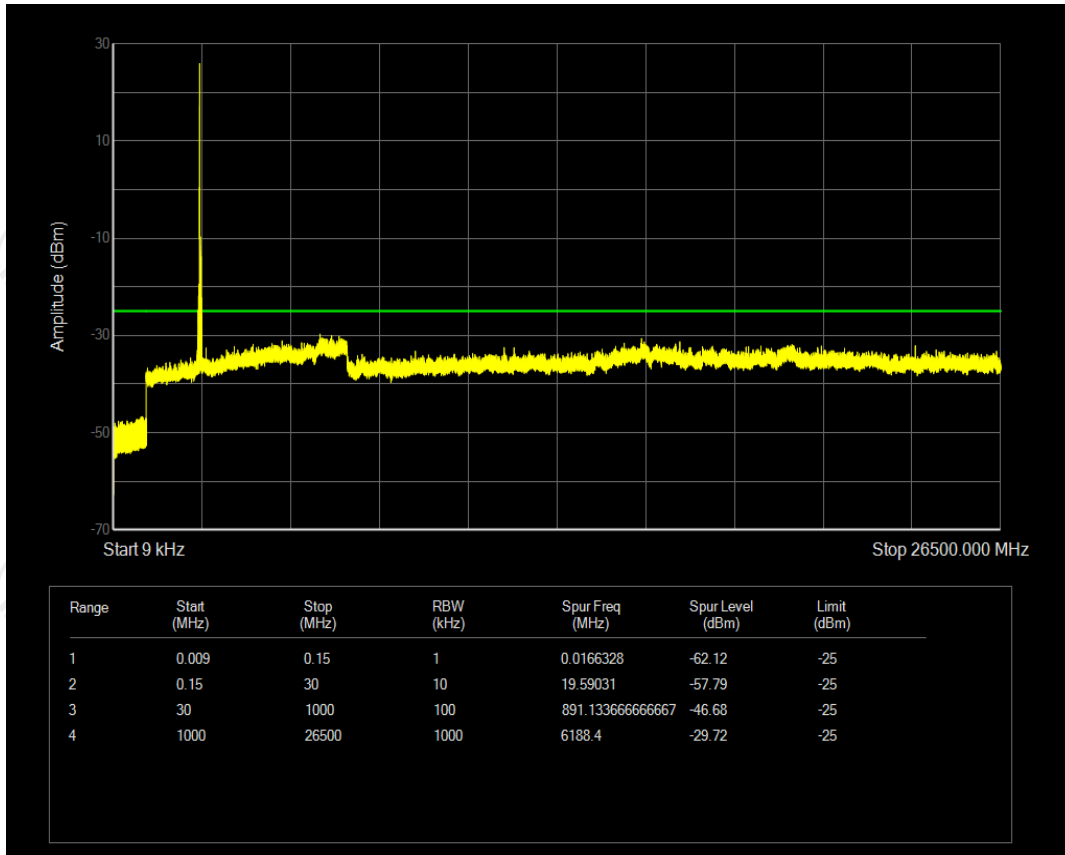
Band41(2535-2655) 16QAM BW=20MHz Channel=40340 RB Size=1 Position=#0



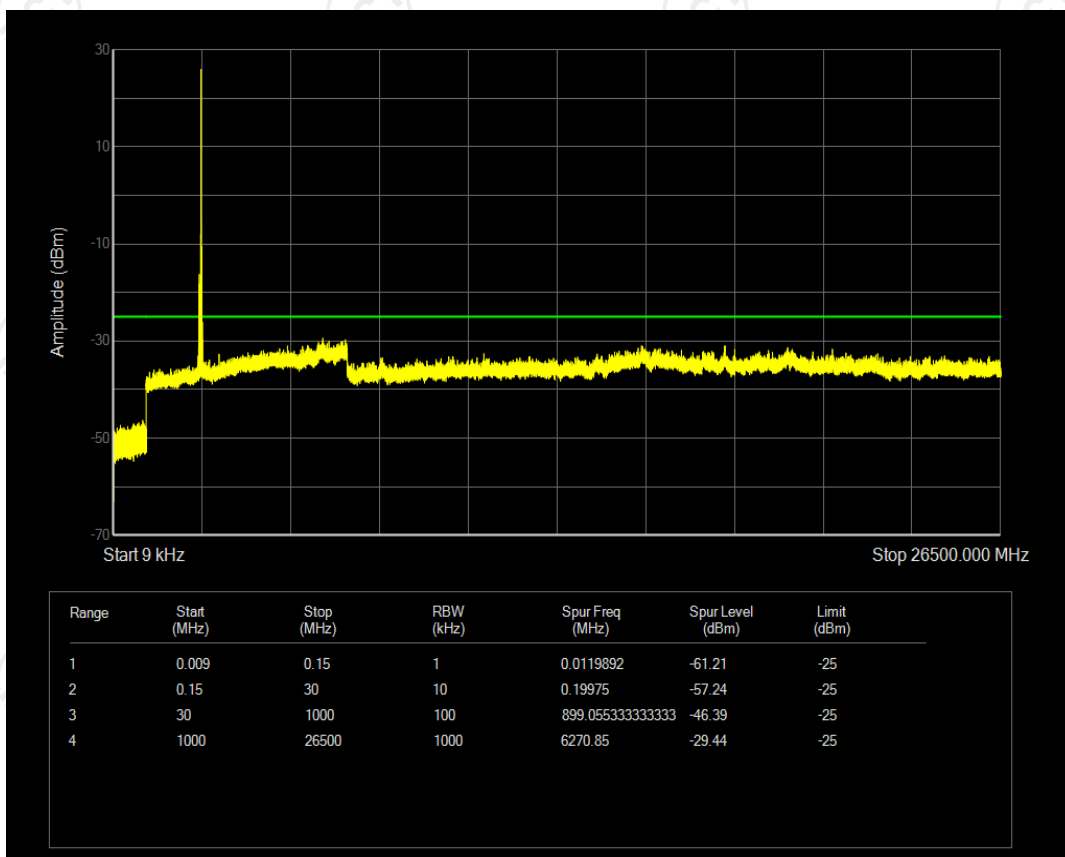
Band41(2535-2655) 16QAM BW=20MHz Channel=40740 RB Size=1 Position=#0



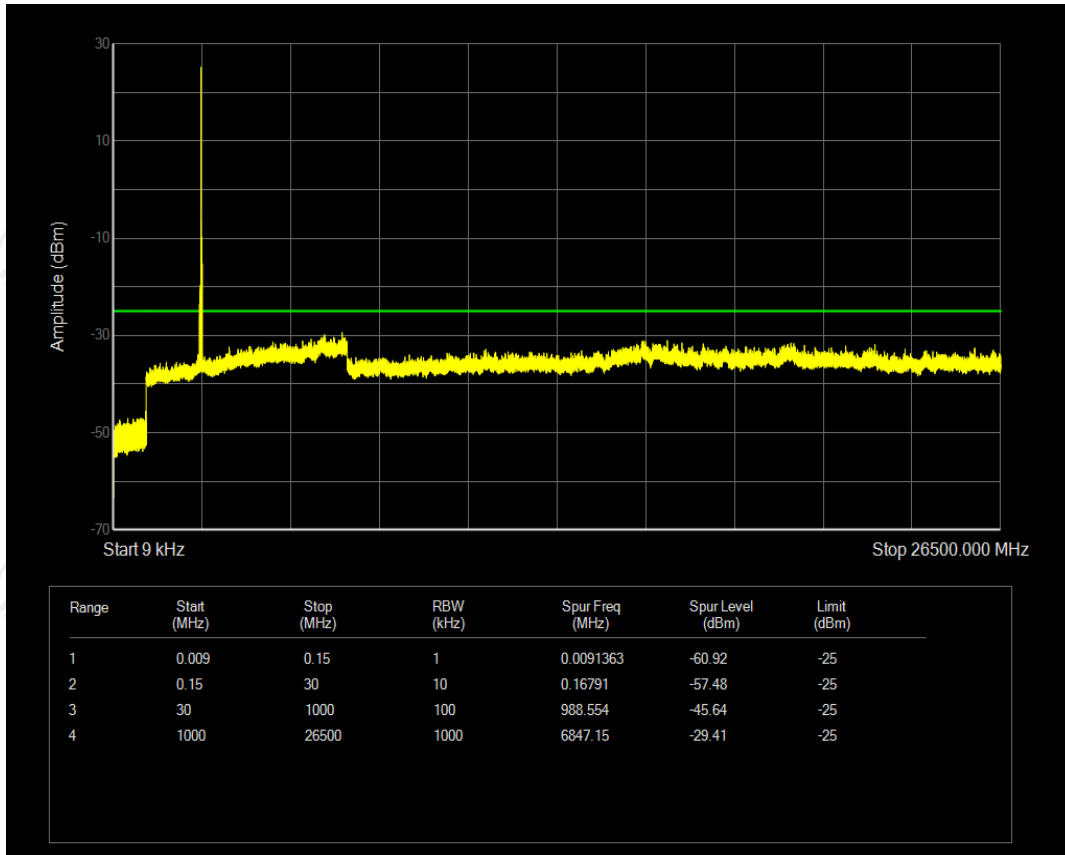
Band41(2535-2655) QPSK BW=20MHz Channel=40740 RB Size=1 Position=#0



Band41(2535-2655) QPSK BW=20MHz Channel=41140 RB Size=1 Position=#0



Band41(2535-2655) 16QAM BW=20MHz Channel=41140 RB Size=1 Position=#0



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	40240	25RB#0	VL	NT	67.79	0.026532	±2.5	PASS
Band41	5MHz	QPSK	40240	25RB#0	VN	NT	61.24	0.023969	±2.5	PASS
Band41	5MHz	QPSK	40240	25RB#0	VH	NT	67.59	0.026454	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VL	NT	-39.70	-0.015310	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VN	NT	43.15	0.016641	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VH	NT	-50.82	-0.019599	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	VL	NT	52.71	0.019872	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	VN	NT	58.07	0.021893	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	VH	NT	43.23	0.016298	±2.5	PASS
Band41	5MHz	16QAM	40240	25RB#0	VL	NT	21.17	0.008286	±2.5	PASS
Band41	5MHz	16QAM	40240	25RB#0	VN	NT	10.70	0.004188	±2.5	PASS
Band41	5MHz	16QAM	40240	25RB#0	VH	NT	23.47	0.009186	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VL	NT	22.54	0.008693	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VN	NT	23.93	0.009229	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VH	NT	-20.25	-0.007809	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	VL	NT	43.92	0.016558	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	VN	NT	42.48	0.016015	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	VH	NT	25.72	0.009697	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	40240	25RB#0	NV	-30	25.50	0.009980	±2.5	PASS
Band41	5MHz	QPSK	40240	25RB#0	NV	-20	43.68	0.017096	±2.5	PASS
Band41	5MHz	QPSK	40240	25RB#0	NV	0	64.82	0.025370	±2.5	PASS
Band41	5MHz	QPSK	40240	25RB#0	NV	10	27.31	0.010689	±2.5	PASS
Band41	5MHz	QPSK	40240	25RB#0	NV	20	69.51	0.027205	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-30	-24.79	-0.009560	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-20	-27.24	-0.010505	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	0	-33.71	-0.013000	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	10	-22.56	-0.008700	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	20	-29.63	-0.011427	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	NV	-30	39.63	0.014941	±2.5	PASS

Band41	5MHz	QPSK	41215	25RB#0	NV	-20	35.93	0.013546	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	NV	0	27.81	0.010484	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	NV	10	-25.84	-0.009742	±2.5	PASS
Band41	5MHz	QPSK	41215	25RB#0	NV	20	38.97	0.014692	±2.5	PASS
Band41	5MHz	16QAM	40240	25RB#0	NV	-30	-31.34	-0.012266	±2.5	PASS
Band41	5MHz	16QAM	40240	25RB#0	NV	-20	-17.61	-0.006892	±2.5	PASS
Band41	5MHz	16QAM	40240	25RB#0	NV	0	22.13	0.008661	±2.5	PASS
Band41	5MHz	16QAM	40240	25RB#0	NV	10	-26.34	-0.010309	±2.5	PASS
Band41	5MHz	16QAM	40240	25RB#0	NV	20	-19.59	-0.007667	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-30	-32.97	-0.012715	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-20	16.85	0.006498	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	0	-31.45	-0.012129	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	10	17.44	0.006726	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	20	6.65	0.002565	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	-30	27.31	0.010296	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	-20	32.16	0.012124	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	0	-21.58	-0.008136	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	10	29.04	0.010948	±2.5	PASS
Band41	5MHz	16QAM	41215	25RB#0	NV	20	25.22	0.009508	±2.5	PASS