

Appendix-LTE Band 41

Conducted Test Data

Conducted Output Power and EIRP

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBi)	Gain (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band41(2555-2655)	5	40265	1	#0	QAM16	19.57	5.43	25.00	33	PASS
Band41(2555-2655)	5	40265	1	#Mid	QAM16	19.86	5.43	25.29	33	PASS
Band41(2555-2655)	5	40265	1	#Max	QAM16	19.71	5.43	25.14	33	PASS
Band41(2555-2655)	5	40265	12	#0	QAM16	17.99	5.43	23.42	33	PASS
Band41(2555-2655)	5	40265	12	#Mid	QAM16	18.19	5.43	23.62	33	PASS
Band41(2555-2655)	5	40265	12	#Max	QAM16	18.17	5.43	23.60	33	PASS
Band41(2555-2655)	5	40265	25	#0	QAM16	18.08	5.43	23.51	33	PASS
Band41(2555-2655)	5	40740	1	#0	QAM16	19.47	5.43	24.90	33	PASS
Band41(2555-2655)	5	40740	1	#Mid	QAM16	19.82	5.43	25.25	33	PASS
Band41(2555-2655)	5	40740	1	#Max	QAM16	19.62	5.43	25.05	33	PASS
Band41(2555-2655)	5	40740	12	#0	QAM16	18.36	5.43	23.79	33	PASS
Band41(2555-2655)	5	40740	12	#Mid	QAM16	18.37	5.43	23.80	33	PASS
Band41(2555-2655)	5	40740	12	#Max	QAM16	18.21	5.43	23.64	33	PASS
Band41(2555-2655)	5	40740	25	#0	QAM16	18.19	5.43	23.62	33	PASS
Band41(2555-2655)	5	41215	1	#0	QAM16	18.75	5.43	24.18	33	PASS
Band41(2555-2655)	5	41215	1	#Mid	QAM16	18.95	5.43	24.38	33	PASS
Band41(2555-2655)	5	41215	1	#Max	QAM16	18.62	5.43	24.05	33	PASS
Band41(2555-2655)	5	41215	12	#0	QAM16	17.50	5.43	22.93	33	PASS
Band41(2555-2655)	5	41215	12	#Mid	QAM16	17.52	5.43	22.95	33	PASS
Band41(2555-2655)	5	41215	12	#Max	QAM16	17.39	5.43	22.82	33	PASS
Band41(2555-2655)	5	41215	25	#0	QAM16	17.33	5.43	22.76	33	PASS
Band41(2555-2655)	10	40290	1	#0	QAM16	19.48	5.43	24.91	33	PASS
Band41(2555-2655)	10	40290	1	#Mid	QAM16	19.82	5.43	25.25	33	PASS
Band41(2555-2655)	10	40290	1	#Max	QAM16	19.65	5.43	25.08	33	PASS
Band41(2555-2655)	10	40290	25	#0	QAM16	18.13	5.43	23.56	33	PASS
Band41(2555-2655)	10	40290	25	#Mid	QAM16	18.26	5.43	23.69	33	PASS
Band41(2555-2655)	10	40290	25	#Max	QAM16	18.33	5.43	23.76	33	PASS
Band41(2555-2655)	10	40290	50	#0	QAM16	18.21	5.43	23.64	33	PASS
Band41(2555-2655)	10	40740	1	#0	QAM16	19.39	5.43	24.82	33	PASS
Band41(2555-2655)	10	40740	1	#Mid	QAM16	19.56	5.43	24.99	33	PASS
Band41(2555-2655)	10	40740	1	#Max	QAM16	19.62	5.43	25.05	33	PASS
Band41(2555-2655)	10	40740	25	#0	QAM16	18.23	5.43	23.66	33	PASS
Band41(2555-2655)	10	40740	25	#Mid	QAM16	18.31	5.43	23.74	33	PASS
Band41(2555-2655)	10	40740	25	#Max	QAM16	18.41	5.43	23.84	33	PASS

Band41(2555-2655)	10	40740	50	#0	QAM16	18.31	5.43	23.74	33	PASS
Band41(2555-2655)	10	41190	1	#0	QAM16	18.83	5.43	24.26	33	PASS
Band41(2555-2655)	10	41190	1	#Mid	QAM16	18.67	5.43	24.10	33	PASS
Band41(2555-2655)	10	41190	1	#Max	QAM16	18.36	5.43	23.79	33	PASS
Band41(2555-2655)	10	41190	25	#0	QAM16	17.65	5.43	23.08	33	PASS
Band41(2555-2655)	10	41190	25	#Mid	QAM16	17.61	5.43	23.04	33	PASS
Band41(2555-2655)	10	41190	25	#Max	QAM16	17.43	5.43	22.86	33	PASS
Band41(2555-2655)	10	41190	50	#0	QAM16	17.45	5.43	22.88	33	PASS
Band41(2555-2655)	15	40315	1	#0	QAM16	19.38	5.43	24.81	33	PASS
Band41(2555-2655)	15	40315	1	#Mid	QAM16	20.02	5.43	25.45	33	PASS
Band41(2555-2655)	15	40315	1	#Max	QAM16	19.67	5.43	25.10	33	PASS
Band41(2555-2655)	15	40315	36	#0	QAM16	18.13	5.43	23.56	33	PASS
Band41(2555-2655)	15	40315	36	#Mid	QAM16	18.33	5.43	23.76	33	PASS
Band41(2555-2655)	15	40315	36	#Max	QAM16	18.38	5.43	23.81	33	PASS
Band41(2555-2655)	15	40315	75	#0	QAM16	18.22	5.43	23.65	33	PASS
Band41(2555-2655)	15	40740	1	#0	QAM16	19.23	5.43	24.66	33	PASS
Band41(2555-2655)	15	40740	1	#Mid	QAM16	19.71	5.43	25.14	33	PASS
Band41(2555-2655)	15	40740	1	#Max	QAM16	19.58	5.43	25.01	33	PASS
Band41(2555-2655)	15	40740	36	#0	QAM16	18.36	5.43	23.79	33	PASS
Band41(2555-2655)	15	40740	36	#Mid	QAM16	18.44	5.43	23.87	33	PASS
Band41(2555-2655)	15	40740	36	#Max	QAM16	18.50	5.43	23.93	33	PASS
Band41(2555-2655)	15	40740	75	#0	QAM16	18.26	5.43	23.69	33	PASS
Band41(2555-2655)	15	41165	1	#0	QAM16	19.32	5.43	24.75	33	PASS
Band41(2555-2655)	15	41165	1	#Mid	QAM16	19.23	5.43	24.66	33	PASS
Band41(2555-2655)	15	41165	1	#Max	QAM16	18.45	5.43	23.88	33	PASS
Band41(2555-2655)	15	41165	36	#0	QAM16	17.90	5.43	23.33	33	PASS
Band41(2555-2655)	15	41165	36	#Mid	QAM16	17.78	5.43	23.21	33	PASS
Band41(2555-2655)	15	41165	36	#Max	QAM16	17.53	5.43	22.96	33	PASS
Band41(2555-2655)	15	41165	75	#0	QAM16	17.72	5.43	23.15	33	PASS
Band41(2555-2655)	20	40340	1	#0	QAM16	19.06	5.43	24.49	33	PASS
Band41(2555-2655)	20	40340	1	#Mid	QAM16	19.78	5.43	25.21	33	PASS
Band41(2555-2655)	20	40340	1	#Max	QAM16	19.50	5.43	24.93	33	PASS
Band41(2555-2655)	20	40340	50	#0	QAM16	18.15	5.43	23.58	33	PASS
Band41(2555-2655)	20	40340	50	#Mid	QAM16	18.38	5.43	23.81	33	PASS
Band41(2555-2655)	20	40340	50	#Max	QAM16	18.46	5.43	23.89	33	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	18.29	5.43	23.72	33	PASS
Band41(2555-2655)	20	40740	1	#0	QAM16	19.29	5.43	24.72	33	PASS
Band41(2555-2655)	20	40740	1	#Mid	QAM16	19.69	5.43	25.12	33	PASS
Band41(2555-2655)	20	40740	1	#Max	QAM16	19.50	5.43	24.93	33	PASS
Band41(2555-2655)	20	40740	50	#0	QAM16	18.34	5.43	23.77	33	PASS
Band41(2555-2655)	20	40740	50	#Mid	QAM16	18.33	5.43	23.76	33	PASS
Band41(2555-2655)	20	40740	50	#Max	QAM16	18.35	5.43	23.78	33	PASS
Band41(2555-2655)	20	40740	100	#0	QAM16	18.34	5.43	23.77	33	PASS
Band41(2555-2655)	20	41140	1	#0	QAM16	19.21	5.43	24.64	33	PASS

Band41(2555-2655)	20	41140	1	#Mid	QAM16	19.32	5.43	24.75	33	PASS
Band41(2555-2655)	20	41140	1	#Max	QAM16	18.37	5.43	23.80	33	PASS
Band41(2555-2655)	20	41140	50	#0	QAM16	18.15	5.43	23.58	33	PASS
Band41(2555-2655)	20	41140	50	#Mid	QAM16	18.00	5.43	23.43	33	PASS
Band41(2555-2655)	20	41140	50	#Max	QAM16	17.74	5.43	23.17	33	PASS
Band41(2555-2655)	20	41140	100	#0	QAM16	17.81	5.43	23.24	33	PASS
Band41(2555-2655)	5	40265	1	#0	QPSK	19.99	5.43	25.42	33	PASS
Band41(2555-2655)	5	40265	1	#Mid	QPSK	20.27	5.43	25.70	33	PASS
Band41(2555-2655)	5	40265	1	#Max	QPSK	20.07	5.43	25.50	33	PASS
Band41(2555-2655)	5	40265	12	#0	QPSK	19.02	5.43	24.45	33	PASS
Band41(2555-2655)	5	40265	12	#Mid	QPSK	19.18	5.43	24.61	33	PASS
Band41(2555-2655)	5	40265	12	#Max	QPSK	19.16	5.43	24.59	33	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	19.11	5.43	24.54	33	PASS
Band41(2555-2655)	5	40740	1	#0	QPSK	20.19	5.43	25.62	33	PASS
Band41(2555-2655)	5	40740	1	#Mid	QPSK	20.53	5.43	25.96	33	PASS
Band41(2555-2655)	5	40740	1	#Max	QPSK	20.34	5.43	25.77	33	PASS
Band41(2555-2655)	5	40740	12	#0	QPSK	19.17	5.43	24.60	33	PASS
Band41(2555-2655)	5	40740	12	#Mid	QPSK	19.40	5.43	24.83	33	PASS
Band41(2555-2655)	5	40740	12	#Max	QPSK	19.29	5.43	24.72	33	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	19.35	5.43	24.78	33	PASS
Band41(2555-2655)	5	41215	1	#0	QPSK	19.40	5.43	24.83	33	PASS
Band41(2555-2655)	5	41215	1	#Mid	QPSK	19.59	5.43	25.02	33	PASS
Band41(2555-2655)	5	41215	1	#Max	QPSK	19.14	5.43	24.57	33	PASS
Band41(2555-2655)	5	41215	12	#0	QPSK	18.48	5.43	23.91	33	PASS
Band41(2555-2655)	5	41215	12	#Mid	QPSK	18.49	5.43	23.92	33	PASS
Band41(2555-2655)	5	41215	12	#Max	QPSK	18.38	5.43	23.81	33	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	18.37	5.43	23.80	33	PASS
Band41(2555-2655)	10	40290	1	#0	QPSK	20.02	5.43	25.45	33	PASS
Band41(2555-2655)	10	40290	1	#Mid	QPSK	20.31	5.43	25.74	33	PASS
Band41(2555-2655)	10	40290	1	#Max	QPSK	20.18	5.43	25.61	33	PASS
Band41(2555-2655)	10	40290	25	#0	QPSK	19.10	5.43	24.53	33	PASS
Band41(2555-2655)	10	40290	25	#Mid	QPSK	19.24	5.43	24.67	33	PASS
Band41(2555-2655)	10	40290	25	#Max	QPSK	19.29	5.43	24.72	33	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	19.19	5.43	24.62	33	PASS
Band41(2555-2655)	10	40740	1	#0	QPSK	20.24	5.43	25.67	33	PASS
Band41(2555-2655)	10	40740	1	#Mid	QPSK	20.45	5.43	25.88	33	PASS
Band41(2555-2655)	10	40740	1	#Max	QPSK	20.51	5.43	25.94	33	PASS
Band41(2555-2655)	10	40740	25	#0	QPSK	19.22	5.43	24.65	33	PASS
Band41(2555-2655)	10	40740	25	#Mid	QPSK	19.27	5.43	24.70	33	PASS
Band41(2555-2655)	10	40740	25	#Max	QPSK	19.37	5.43	24.80	33	PASS
Band41(2555-2655)	10	40740	50	#0	QPSK	19.35	5.43	24.78	33	PASS
Band41(2555-2655)	10	41190	1	#0	QPSK	19.86	5.43	25.29	33	PASS
Band41(2555-2655)	10	41190	1	#Mid	QPSK	19.71	5.43	25.14	33	PASS
Band41(2555-2655)	10	41190	1	#Max	QPSK	19.36	5.43	24.79	33	PASS

Band41(2555-2655)	10	41190	25	#0	QPSK	18.67	5.43	24.10	33	PASS
Band41(2555-2655)	10	41190	25	#Mid	QPSK	18.58	5.43	24.01	33	PASS
Band41(2555-2655)	10	41190	25	#Max	QPSK	18.41	5.43	23.84	33	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	18.50	5.43	23.93	33	PASS
Band41(2555-2655)	15	40315	1	#0	QPSK	19.86	5.43	25.29	33	PASS
Band41(2555-2655)	15	40315	1	#Mid	QPSK	20.51	5.43	25.94	33	PASS
Band41(2555-2655)	15	40315	1	#Max	QPSK	20.21	5.43	25.64	33	PASS
Band41(2555-2655)	15	40315	36	#0	QPSK	19.12	5.43	24.55	33	PASS
Band41(2555-2655)	15	40315	36	#Mid	QPSK	19.30	5.43	24.73	33	PASS
Band41(2555-2655)	15	40315	36	#Max	QPSK	19.37	5.43	24.80	33	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	19.27	5.43	24.70	33	PASS
Band41(2555-2655)	15	40740	1	#0	QPSK	20.14	5.43	25.57	33	PASS
Band41(2555-2655)	15	40740	1	#Mid	QPSK	20.60	5.43	26.03	33	PASS
Band41(2555-2655)	15	40740	1	#Max	QPSK	20.46	5.43	25.89	33	PASS
Band41(2555-2655)	15	40740	36	#0	QPSK	19.30	5.43	24.73	33	PASS
Band41(2555-2655)	15	40740	36	#Mid	QPSK	19.40	5.43	24.83	33	PASS
Band41(2555-2655)	15	40740	36	#Max	QPSK	19.42	5.43	24.85	33	PASS
Band41(2555-2655)	15	40740	75	#0	QPSK	19.28	5.43	24.71	33	PASS
Band41(2555-2655)	15	41165	1	#0	QPSK	20.13	5.43	25.56	33	PASS
Band41(2555-2655)	15	41165	1	#Mid	QPSK	20.05	5.43	25.48	33	PASS
Band41(2555-2655)	15	41165	1	#Max	QPSK	19.19	5.43	24.62	33	PASS
Band41(2555-2655)	15	41165	36	#0	QPSK	19.00	5.43	24.43	33	PASS
Band41(2555-2655)	15	41165	36	#Mid	QPSK	18.85	5.43	24.28	33	PASS
Band41(2555-2655)	15	41165	36	#Max	QPSK	18.57	5.43	24.00	33	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	18.75	5.43	24.18	33	PASS
Band41(2555-2655)	20	40340	1	#0	QPSK	19.75	5.43	25.18	33	PASS
Band41(2555-2655)	20	40340	1	#Mid	QPSK	20.45	5.43	25.88	33	PASS
Band41(2555-2655)	20	40340	1	#Max	QPSK	20.19	5.43	25.62	33	PASS
Band41(2555-2655)	20	40340	50	#0	QPSK	19.06	5.43	24.49	33	PASS
Band41(2555-2655)	20	40340	50	#Mid	QPSK	19.33	5.43	24.76	33	PASS
Band41(2555-2655)	20	40340	50	#Max	QPSK	19.39	5.43	24.82	33	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	19.24	5.43	24.67	33	PASS
Band41(2555-2655)	20	40740	1	#0	QPSK	20.01	5.43	25.44	33	PASS
Band41(2555-2655)	20	40740	1	#Mid	QPSK	20.45	5.43	25.88	33	PASS
Band41(2555-2655)	20	40740	1	#Max	QPSK	20.27	5.43	25.70	33	PASS
Band41(2555-2655)	20	40740	50	#0	QPSK	19.29	5.43	24.72	33	PASS
Band41(2555-2655)	20	40740	50	#Mid	QPSK	19.32	5.43	24.75	33	PASS
Band41(2555-2655)	20	40740	50	#Max	QPSK	19.32	5.43	24.75	33	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	19.34	5.43	24.77	33	PASS
Band41(2555-2655)	20	41140	1	#0	QPSK	20.00	5.43	25.43	33	PASS
Band41(2555-2655)	20	41140	1	#Mid	QPSK	20.13	5.43	25.56	33	PASS
Band41(2555-2655)	20	41140	1	#Max	QPSK	19.19	5.43	24.62	33	PASS
Band41(2555-2655)	20	41140	50	#0	QPSK	19.07	5.43	24.50	33	PASS
Band41(2555-2655)	20	41140	50	#Mid	QPSK	18.93	5.43	24.36	33	PASS

Band41(2555-2655)	20	41140	50	#Max	QPSK	18.66	5.43	24.09	33	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	18.83	5.43	24.26	33	PASS

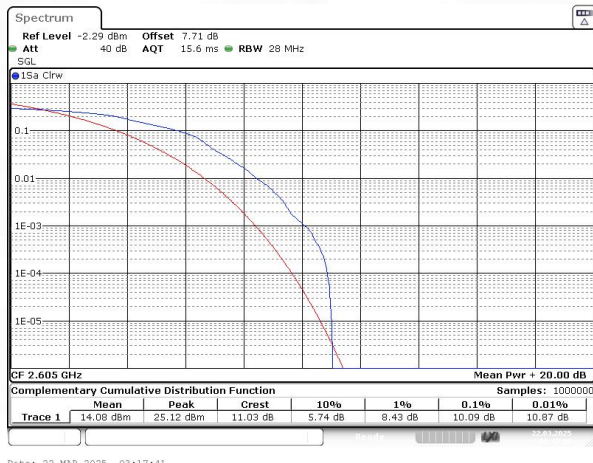
Frequency stability

Band	Band width (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result (Hz)	Result (ppm)	Verdict
Band41(2535-2655)	20	40740	100	#0	QPSK	VL	NT	-4.46	-0.002	PASS
Band41(2535-2655)	20	40740	100	#0	QPSK	VN	NT	-10.27	-0.004	PASS
Band41(2535-2655)	20	40740	100	#0	QPSK	VH	NT	-10.27	-0.004	PASS

Band	Band width (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result (Hz)	Result (ppm)	Verdict
Band41(2535-2655)	20	40740	100	#0	QPSK	NV	-30	-4.21	-0.002	PASS
Band41(2535-2655)	20	40740	100	#0	QPSK	NV	-20	-13.88	-0.005	PASS
Band41(2535-2655)	20	40740	100	#0	QPSK	NV	-10	-12.39	-0.005	PASS
Band41(2535-2655)	20	40740	100	#0	QPSK	NV	0	-5.23	-0.003	PASS
Band41(2535-2655)	20	40740	100	#0	QPSK	NV	10	1.32	0.001	PASS
Band41(2535-2655)	20	40740	100	#0	QPSK	NV	20	2.83	0.002	PASS
Band41(2535-2655)	20	40740	100	#0	QPSK	NV	30	3.63	0.003	PASS
Band41(2535-2655)	20	40740	100	#0	QPSK	NV	40	2.05	0.001	PASS
Band41(2535-2655)	20	40740	100	#0	QPSK	NV	50	0.72	0.001	PASS

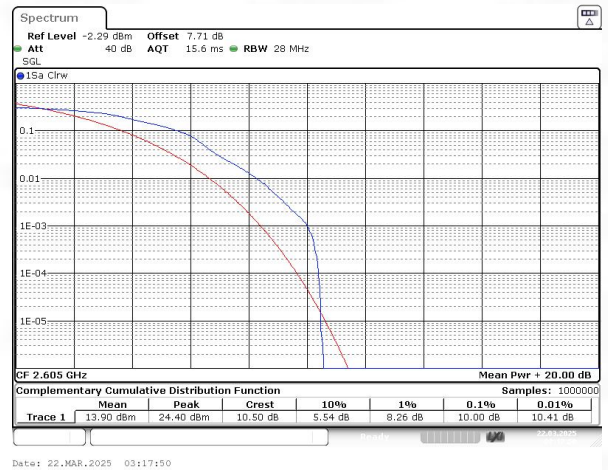
Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band41(2555-2655)	5	40740	1	#0	QAM16	9.42	13	PASS
Band41(2555-2655)	10	40740	1	#0	QAM16	10.09	13	PASS
Band41(2555-2655)	15	40740	1	#0	QAM16	10	13	PASS
Band41(2555-2655)	20	40740	1	#0	QAM16	9.65	13	PASS
Band41(2555-2655)	5	40740	1	#0	QPSK	9.48	13	PASS
Band41(2555-2655)	10	40740	1	#0	QPSK	9.28	13	PASS
Band41(2555-2655)	15	40740	1	#0	QPSK	9.48	13	PASS
Band41(2555-2655)	20	40740	1	#0	QPSK	9.07	13	PASS



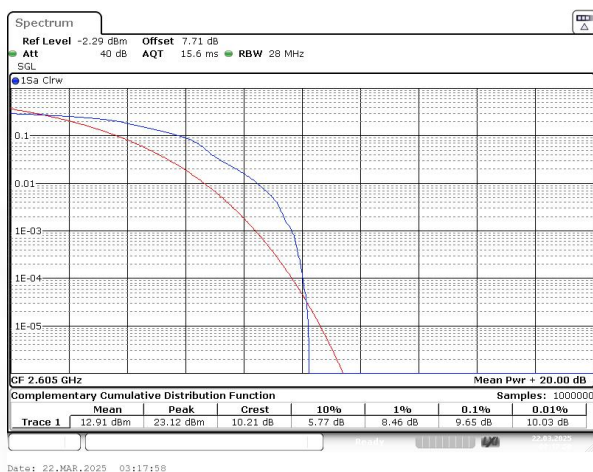
Band41(2555-2655) QAM16 BW=10MHz Channel=40740 RB Size=1

Position=#0



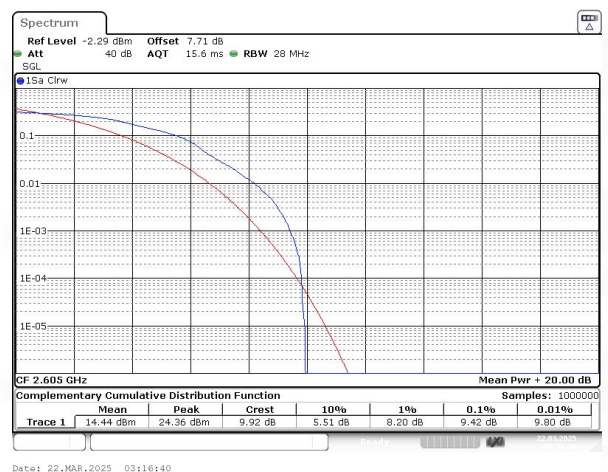
Band41(2555-2655) QAM16 BW=15MHz Channel=40740 RB Size=1

Position=#0



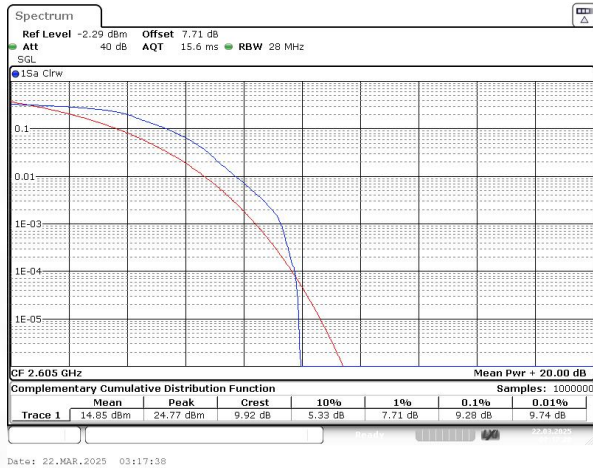
Band41(2555-2655) QAM16 BW=20MHz Channel=40740 RB Size=1

Position=#0

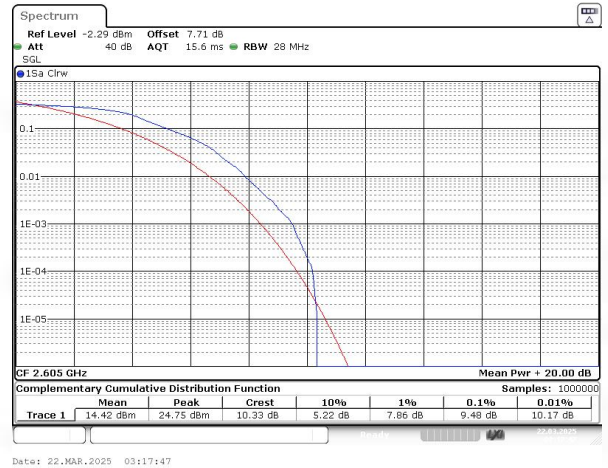


Band41(2555-2655) QAM16 BW=5MHz Channel=40740 RB Size=1

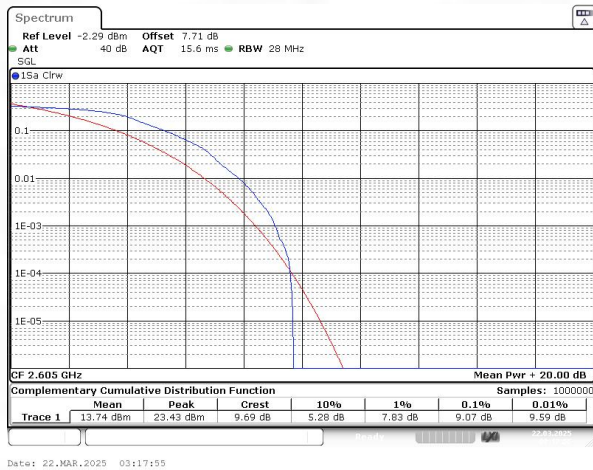
Position=#0



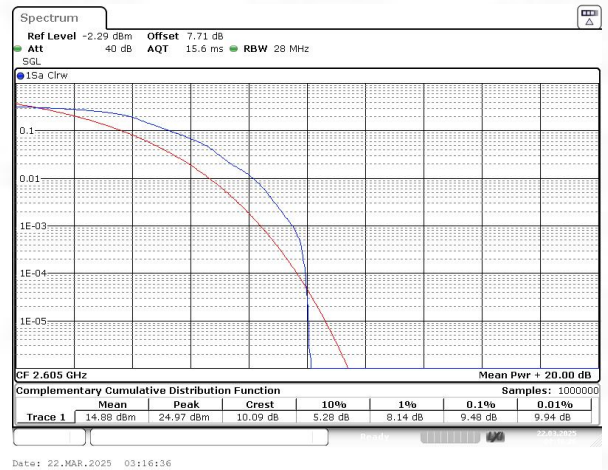
Band41(2555-2655) QPSK BW=10MHz Channel=40740 RB Size=1
Position=#0



Band41(2555-2655) QPSK BW=15MHz Channel=40740 RB Size=1
Position=#0



Band41(2555-2655) QPSK BW=20MHz Channel=40740 RB Size=1
Position=#0



Band41(2555-2655) QPSK BW=5MHz Channel=40740 RB Size=1
Position=#0

Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band41(2555-2655)	5	40265	25	#0	QAM16	4.486	4.826	PASS
Band41(2555-2655)	5	40740	25	#0	QAM16	4.501	4.855	PASS
Band41(2555-2655)	5	41215	25	#0	QAM16	4.486	4.957	PASS
Band41(2555-2655)	10	40290	50	#0	QAM16	9.001	10.087	PASS
Band41(2555-2655)	10	40740	50	#0	QAM16	8.973	9.739	PASS
Band41(2555-2655)	10	41190	50	#0	QAM16	8.973	9.797	PASS
Band41(2555-2655)	15	40315	75	#0	QAM16	13.502	15.565	PASS
Band41(2555-2655)	15	40740	75	#0	QAM16	13.502	15.478	PASS
Band41(2555-2655)	15	41165	75	#0	QAM16	13.502	14.391	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	18.003	20.232	PASS
Band41(2555-2655)	20	40740	100	#0	QAM16	18.061	21.217	PASS
Band41(2555-2655)	20	41140	100	#0	QAM16	18.003	19.362	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	4.486	5.058	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	4.501	5.203	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	4.486	4.913	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	9.001	9.797	PASS
Band41(2555-2655)	10	40740	50	#0	QPSK	9.001	9.71	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	9.001	10.522	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	13.415	14.478	PASS
Band41(2555-2655)	15	40740	75	#0	QPSK	13.459	14.522	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	13.415	14.391	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	17.945	23.652	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	18.003	20.116	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	17.945	19.304	PASS

Spectrum

Ref Level 20.00 dBm Offset 7.83 dB RBW 200 kHz
Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep
SGL Count 200/200

•1PK Max

CF 2.56 GHz 691 pts Span 20.0 MHz

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1			2.563792 GHz	12.36 dBm		
T1	1			2.5555137 GHz	5.79 dBm	Occ Bw	9.001447178 MHz
T2	1			2.5645152 GHz	6.02 dBm		
M2	1			2.555275 GHz	-10.15 dBm		
M3	1			2.565362 GHz	-13.41 dBm		

Date: 22.MAR.2025 03:19:17

Spectrum

Ref Level 20.00 dBm Offset 7.71 dB RBW 200 kHz
Att 40 dB SWT 1 ms VBW 1 MHz Mode Sweep
SGL Count 200/200

•1PK Max

CF 2.605 GHz 691 pts Span 20.0 MHz

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1			2.605608 GHz	11.25 dBm		
T1	1			2.6005137 GHz	5.74 dBm	Occ Bw	8.972503618 MHz
T2	1			2.6094863 GHz	5.85 dBm		
M2	1			2.600188 GHz	-12.75 dBm		
M3	1			2.609928 GHz	-14.45 dBm		

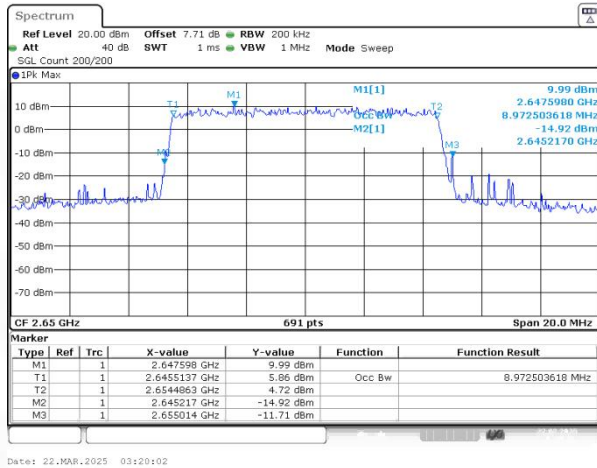
Date: 22.MAR.2025 03:19:43

Band41(2555-2655) QAM16 BW=10MHz Channel=40290 RB Size=50

Position=#0

Band41(2555-2655) QAM16 BW=10MHz Channel=40740 RB Size=50

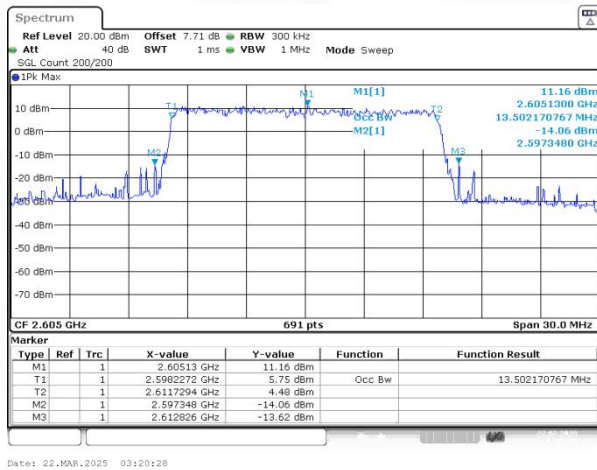
Position=#0



Band41(2555-2655) QAM16 BW=10MHz Channel=41190 RB Size=50
Position=#0



Band41(2555-2655) QAM16 BW=15MHz Channel=40315 RB Size=75
Position=#0



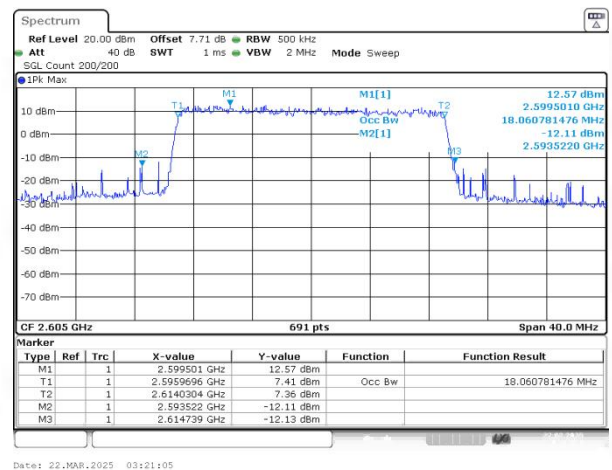
Band41(2555-2655) QAM16 BW=15MHz Channel=40740 RB Size=75
Position=#0



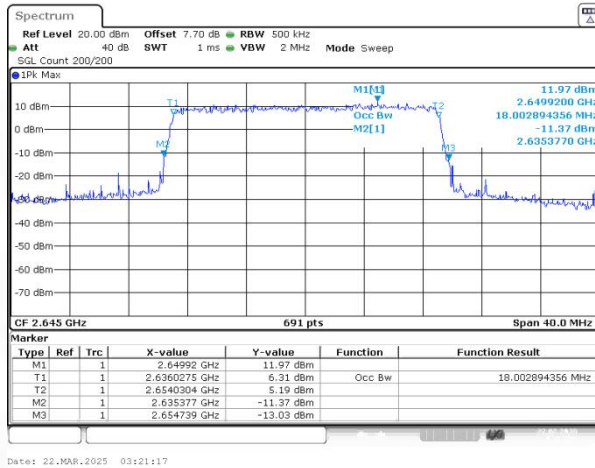
Band41(2555-2655) QAM16 BW=15MHz Channel=41165 RB Size=75
Position=#0



Band41(2555-2655) QAM16 BW=20MHz Channel=40340 RB Size=100
Position=#0

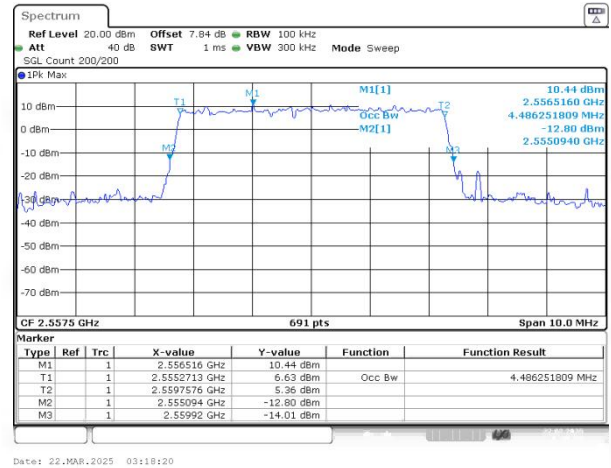


Band41(2555-2655) QAM16 BW=20MHz Channel=40740 RB Size=100
Position=#0



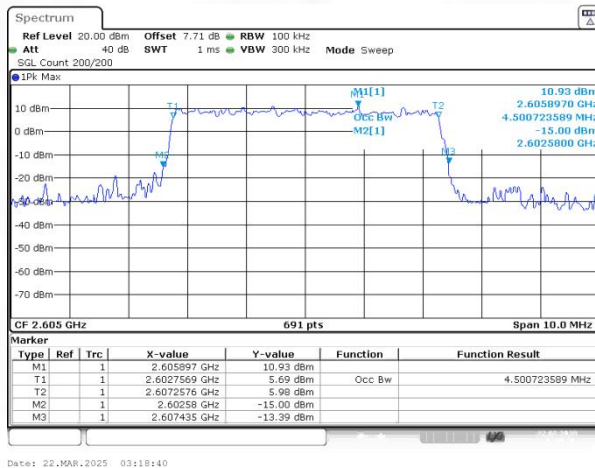
Date: 22.MAR.2025 03:21:17

Band41(2555-2655) QAM16 BW=20MHz Channel=41140 RB Size=100
Position=#0



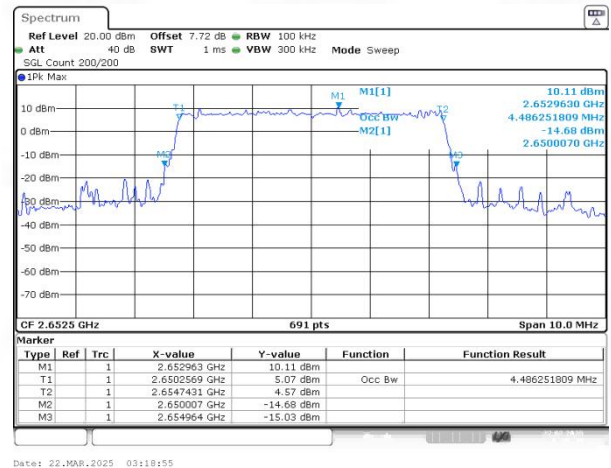
Date: 22.MAR.2025 03:18:20

Band41(2555-2655) QAM16 BW=5MHz Channel=40265 RB Size=25
Position=#0



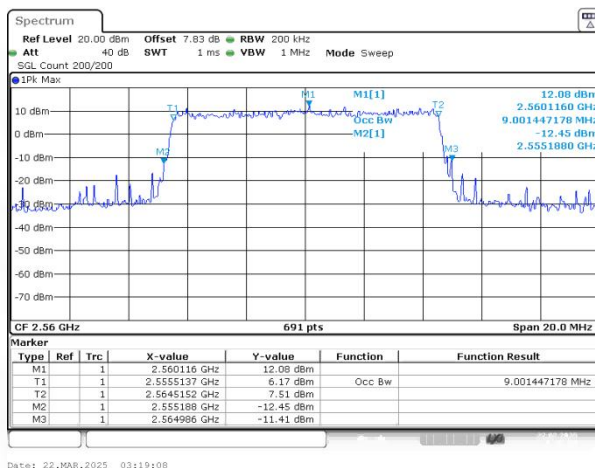
Date: 22.MAR.2025 03:18:40

Band41(2555-2655) QAM16 BW=5MHz Channel=40740 RB Size=25
Position=#0



Date: 22.MAR.2025 03:18:55

Band41(2555-2655) QAM16 BW=5MHz Channel=41215 RB Size=25
Position=#0



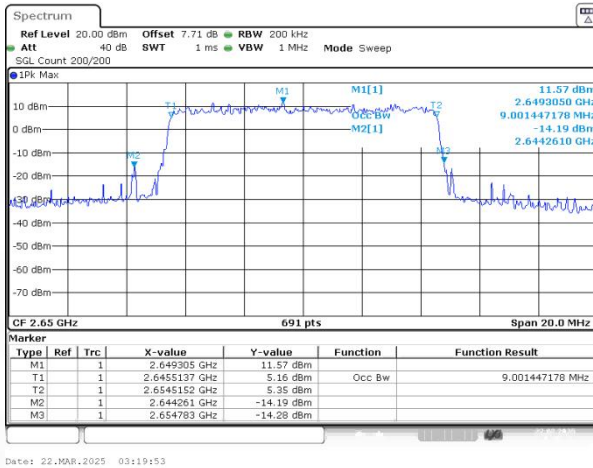
Date: 22.MAR.2025 03:19:08

Band41(2555-2655) QPSK BW=10MHz Channel=40290 RB Size=50
Position=#0



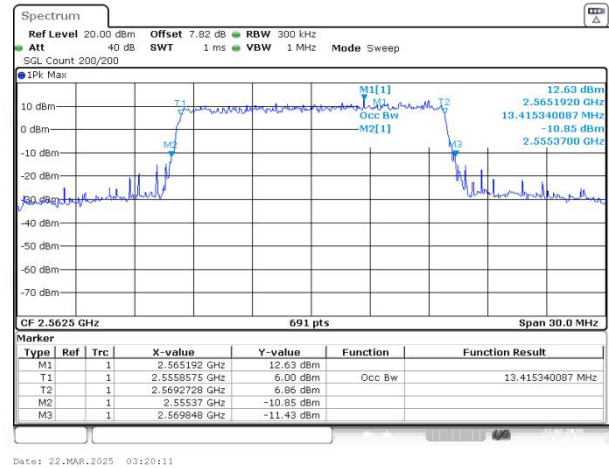
Date: 22.MAR.2025 03:19:31

Band41(2555-2655) QPSK BW=10MHz Channel=40740 RB Size=50
Position=#0



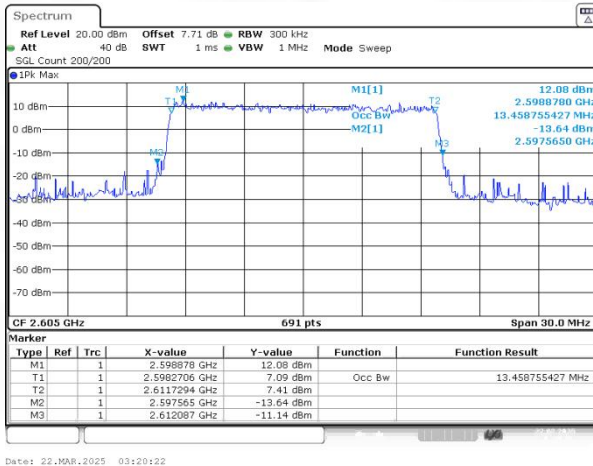
Date: 22.MAR.2025 03:19:53

Band41(2555-2655) QPSK BW=10MHz Channel=41190 RB Size=50
Position=#0



Date: 22.MAR.2025 03:20:11

Band41(2555-2655) QPSK BW=15MHz Channel=40315 RB Size=75
Position=#0



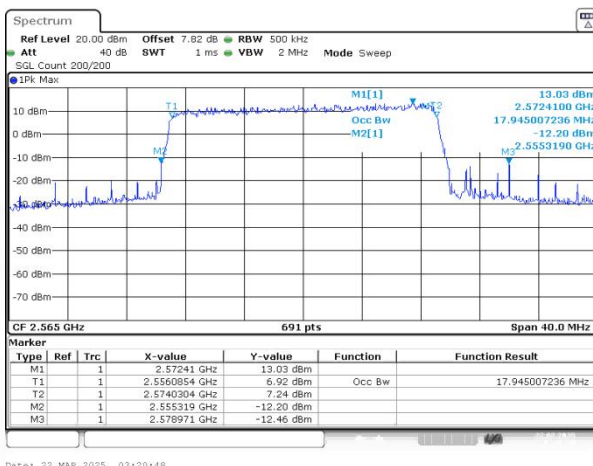
Date: 22.MAR.2025 03:20:22

Band41(2555-2655) QPSK BW=15MHz Channel=40740 RB Size=75
Position=#0



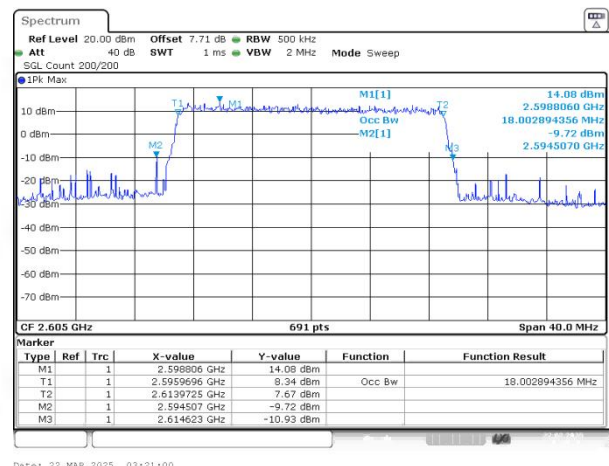
Date: 22.MAR.2025 03:20:34

Band41(2555-2655) QPSK BW=15MHz Channel=41165 RB Size=75
Position=#0



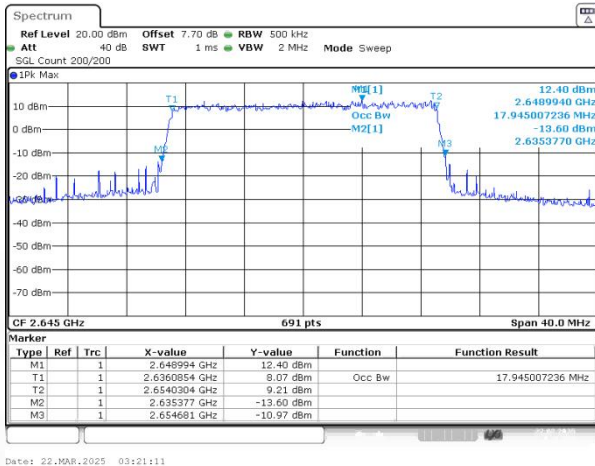
Date: 22.MAR.2025 03:20:48

Band41(2555-2655) QPSK BW=20MHz Channel=40340 RB Size=100
Position=#0

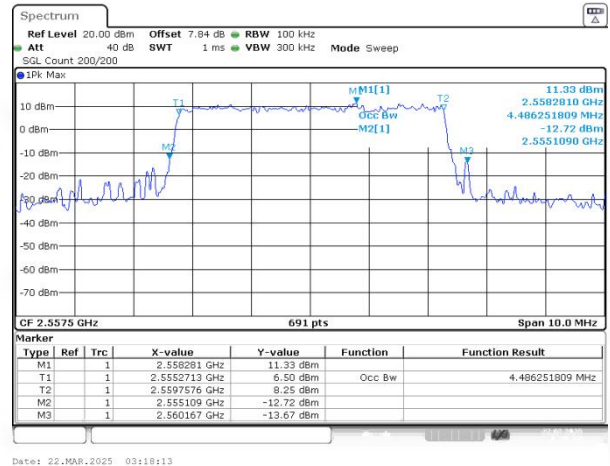


Date: 22.MAR.2025 03:21:00

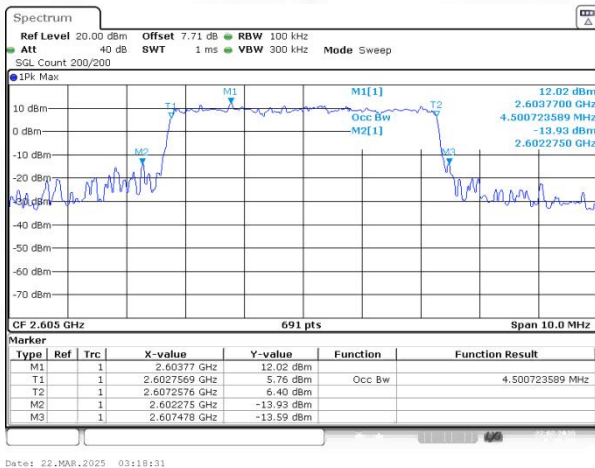
Band41(2555-2655) QPSK BW=20MHz Channel=40740 RB Size=100
Position=#0



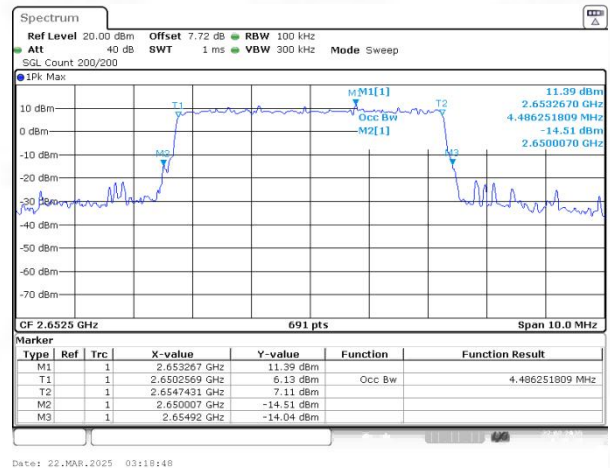
Band41(2555-2655) QPSK BW=20MHz Channel=41140 RB Size=100
Position=#0



Band41(2555-2655) QPSK BW=5MHz Channel=40265 RB Size=25
Position=#0



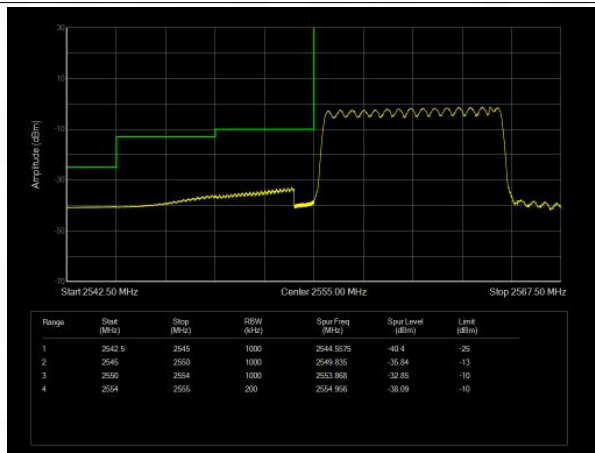
Band41(2555-2655) QPSK BW=5MHz Channel=40740 RB Size=25
Position=#0



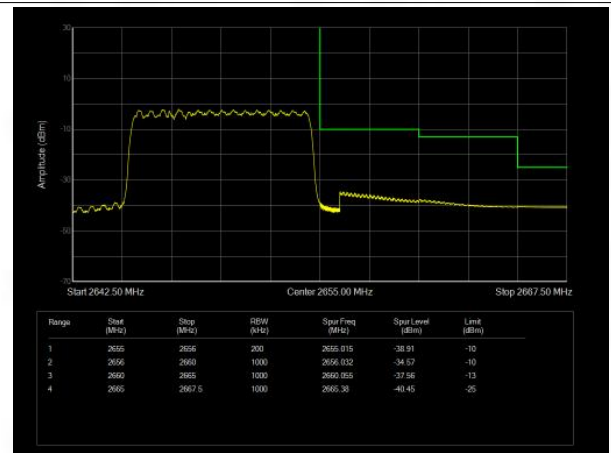
Band41(2555-2655) QPSK BW=5MHz Channel=41215 RB Size=25
Position=#0

Band edge

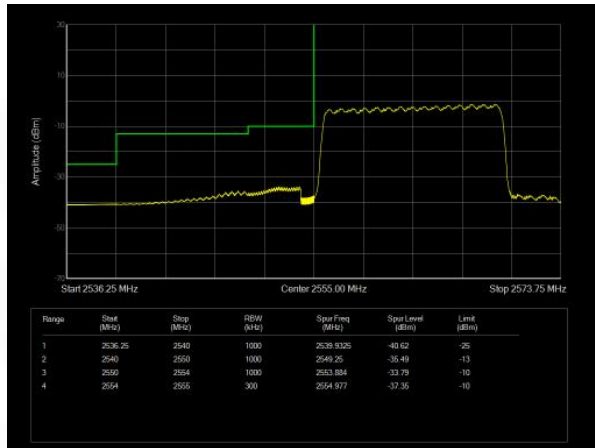
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band41(2555-2655)	5	40265	25	#0	QAM16	2549	-39.94	-25	PASS
Band41(2555-2655)	5	41215	25	#0	QAM16	2661.05	-40	-25	PASS
Band41(2555-2655)	10	40290	50	#0	QAM16	2544.56	-40.4	-25	PASS
Band41(2555-2655)	10	41190	50	#0	QAM16	2665.38	-40.45	-25	PASS
Band41(2555-2655)	15	40315	75	#0	QAM16	2539.93	-40.62	-25	PASS
Band41(2555-2655)	15	41165	75	#0	QAM16	2670.18	-40.5	-25	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	2534.9	-40.87	-25	PASS
Band41(2555-2655)	20	41140	100	#0	QAM16	2679.33	-40.71	-25	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	2548.71	-39.76	-25	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	2661.01	-40.03	-25	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	2544.75	-40.54	-25	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	2665.02	-40.5	-25	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	2539.88	-40.66	-25	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	2670.25	-40.59	-25	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	2534.91	-40.86	-25	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	2675.61	-40.69	-25	PASS



Band41(2555-2655) QAM16 BW=10MHz Channel=40290 RB Size=50
Position=#0

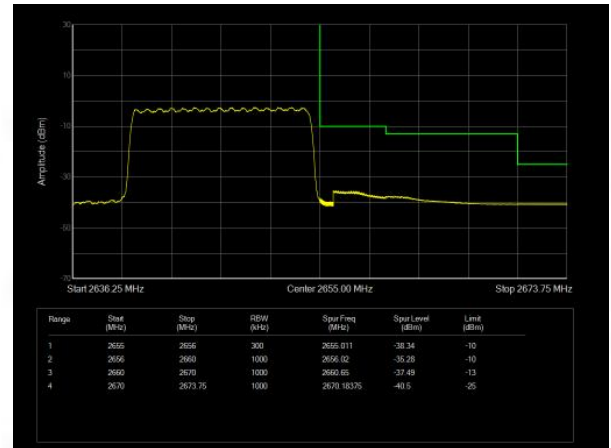


Band41(2555-2655) QAM16 BW=10MHz Channel=41190 RB Size=50
Position=#0



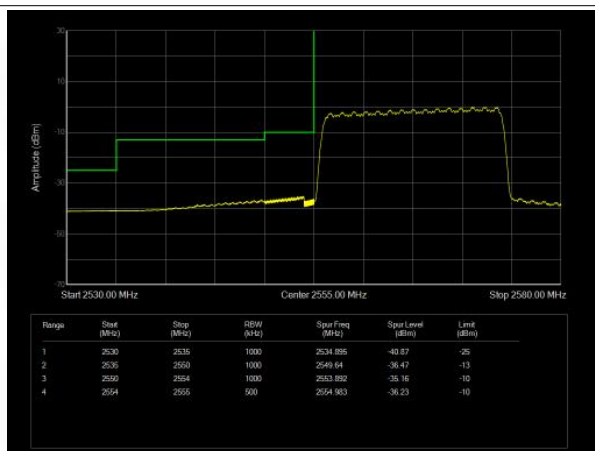
Band41(2555-2655) QAM16 BW=15MHz Channel=40315 RB Size=75

Position=#0



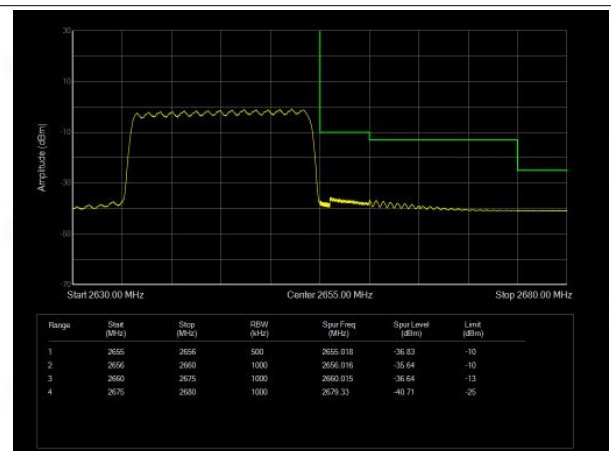
Band41(2555-2655) QAM16 BW=15MHz Channel=41165 RB Size=75

Position=#0



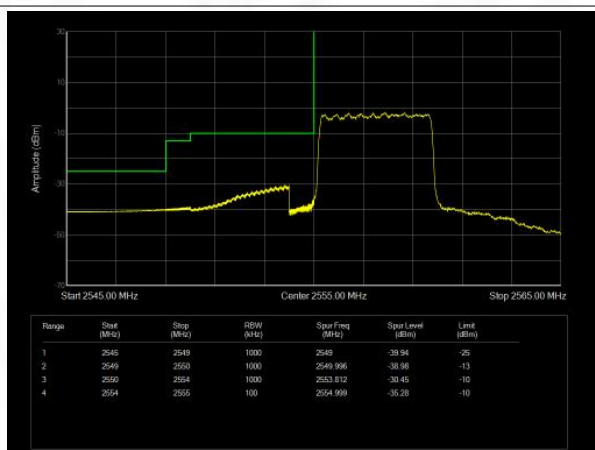
Band41(2555-2655) QAM16 BW=20MHz Channel=40340 RB Size=100

Position=#0



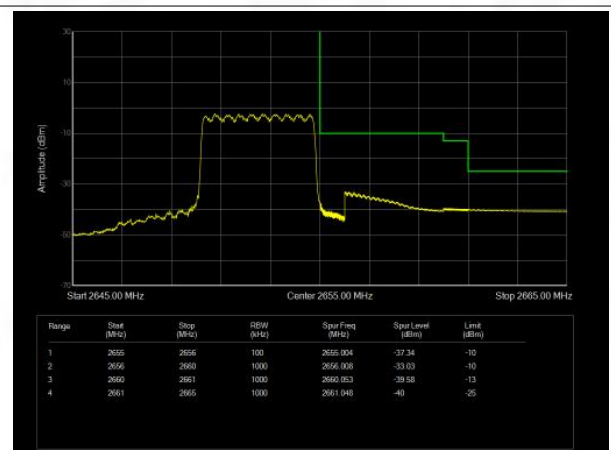
Band41(2555-2655) QAM16 BW=20MHz Channel=41140 RB Size=100

Position=#0



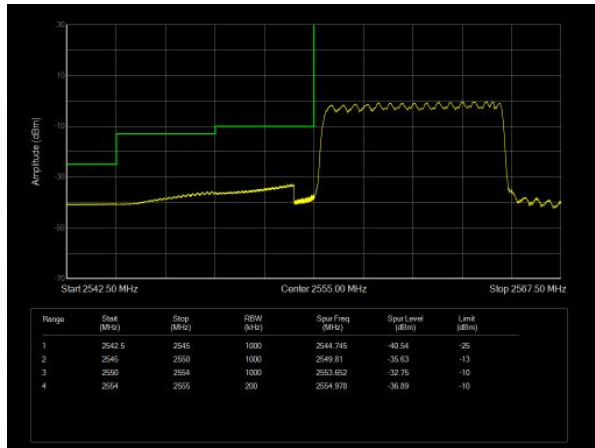
Band41(2555-2655) QAM16 BW=5MHz Channel=40265 RB Size=25

Position=#0

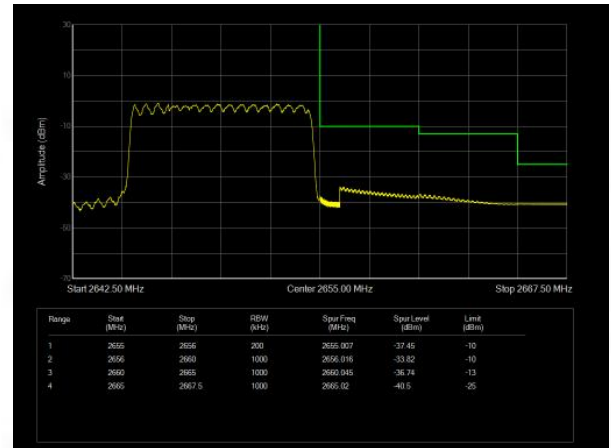


Band41(2555-2655) QAM16 BW=5MHz Channel=41215 RB Size=25

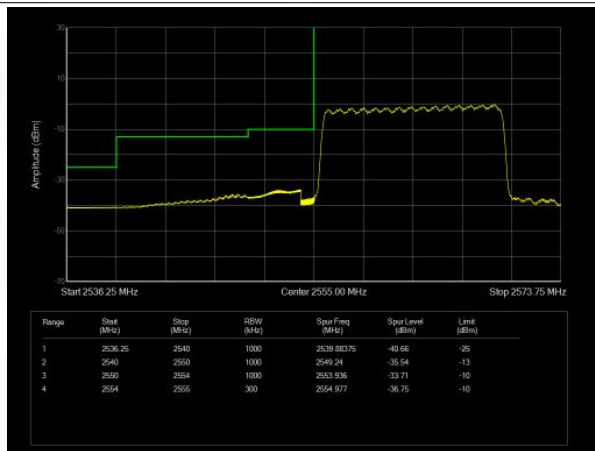
Position=#0



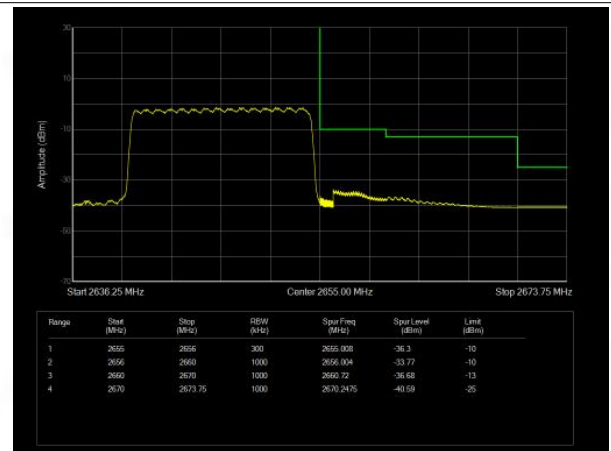
Band41(2555-2655) QPSK BW=10MHz Channel=40290 RB Size=50
Position=#0



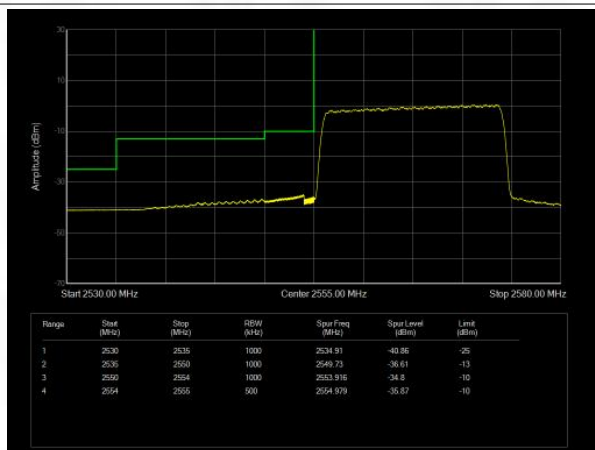
Band41(2555-2655) QPSK BW=10MHz Channel=41190 RB Size=50
Position=#0



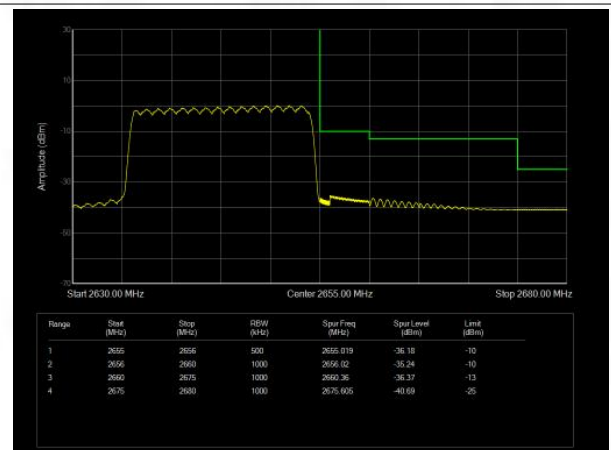
Band41(2555-2655) QPSK BW=15MHz Channel=40315 RB Size=75
Position=#0



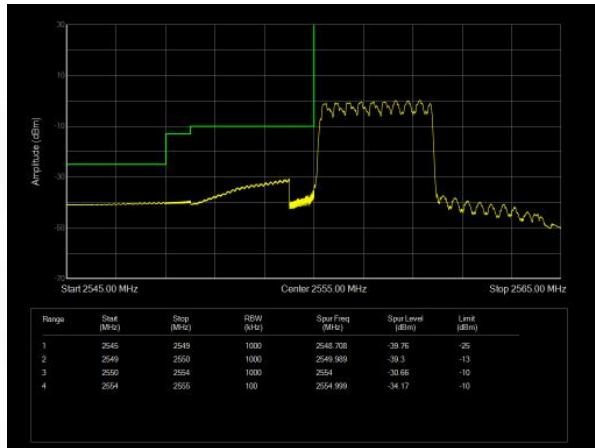
Band41(2555-2655) QPSK BW=15MHz Channel=41165 RB Size=75
Position=#0



Band41(2555-2655) QPSK BW=20MHz Channel=40340 RB Size=100
Position=#0

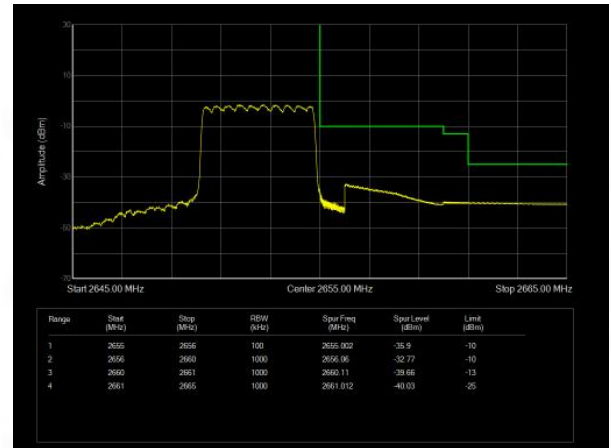


Band41(2555-2655) QPSK BW=20MHz Channel=41140 RB Size=100
Position=#0



Band41(2555-2655) QPSK BW=5MHz Channel=40265 RB Size=25

Position=#0

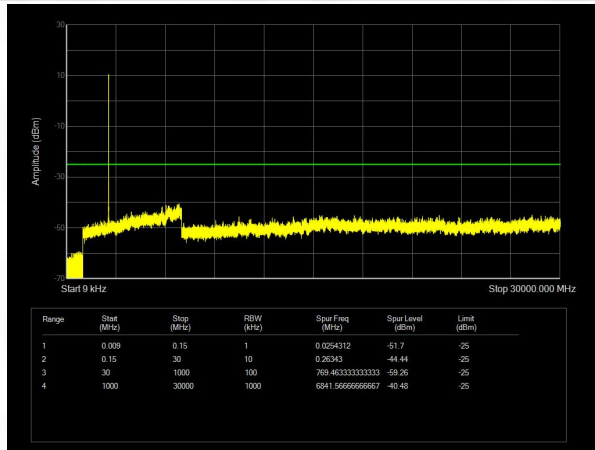


Band41(2555-2655) QPSK BW=5MHz Channel=41215 RB Size=25

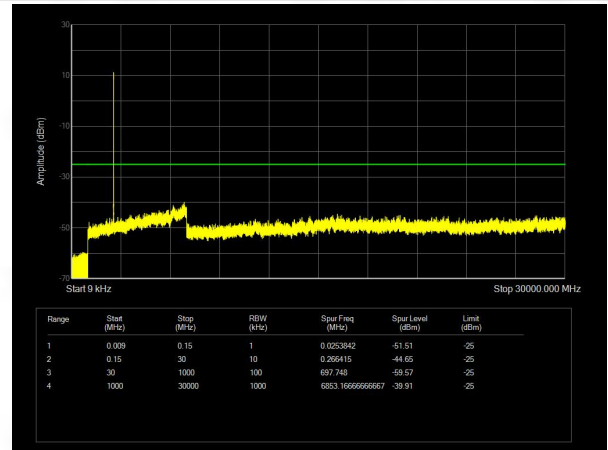
Position=#0

Out-of-band emissions

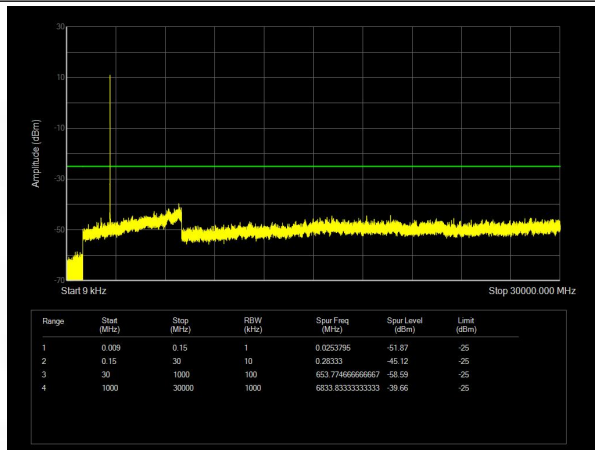
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band41(2555-2655)	5	40265	25	#0	QAM16	6841.57	-40.48	-25	PASS
Band41(2555-2655)	5	41215	25	#0	QAM16	6801.93	-40.24	-25	PASS
Band41(2555-2655)	10	40290	50	#0	QAM16	6839.63	-39.42	-25	PASS
Band41(2555-2655)	10	41190	50	#0	QAM16	6741.03	-40.59	-25	PASS
Band41(2555-2655)	15	40315	75	#0	QAM16	6236.43	-39.33	-25	PASS
Band41(2555-2655)	15	41165	75	#0	QAM16	6692.7	-40.96	-25	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	6877.33	-41.19	-25	PASS
Band41(2555-2655)	20	41140	100	#0	QAM16	6226.77	-41.08	-25	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	6853.17	-39.91	-25	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	6833.83	-39.66	-25	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	6837.7	-40.16	-25	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	6881.2	-39.68	-25	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	6832.87	-40.45	-25	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	6197.77	-41.15	-25	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	6280.9	-39.74	-25	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	6803.87	-40.99	-25	PASS



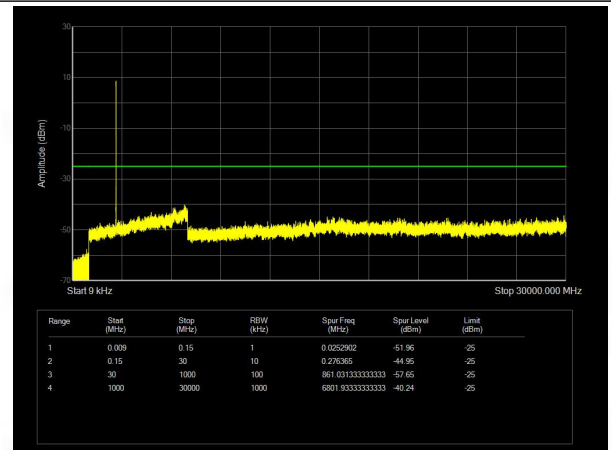
Band41(2555-2655) QAM16 BW=5MHz Channel=40265 RB Size=25
Position=#0



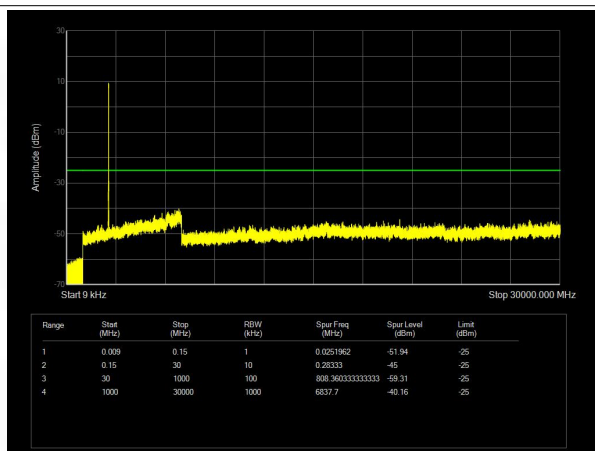
Band41(2555-2655) QPSK BW=5MHz Channel=40265 RB Size=25
Position=#0



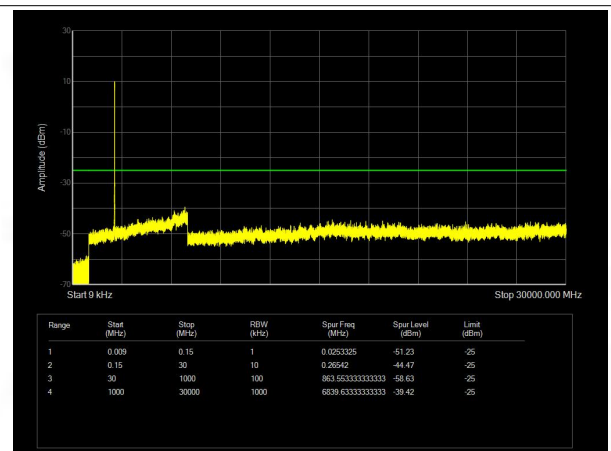
Band41(2555-2655) QPSK BW=5MHz Channel=41215 RB Size=25
Position=#0



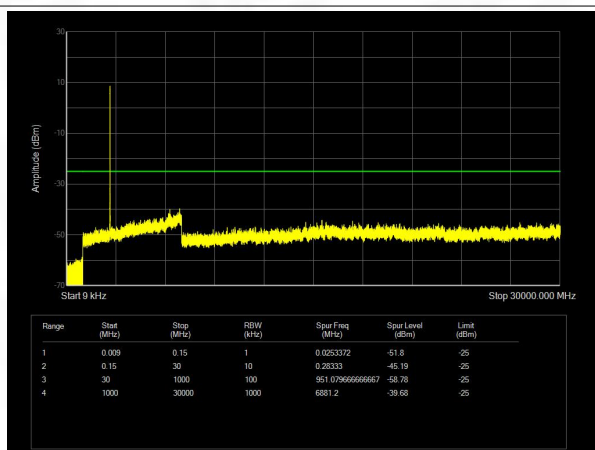
Band41(2555-2655) QAM16 BW=5MHz Channel=41215 RB Size=25
Position=#0



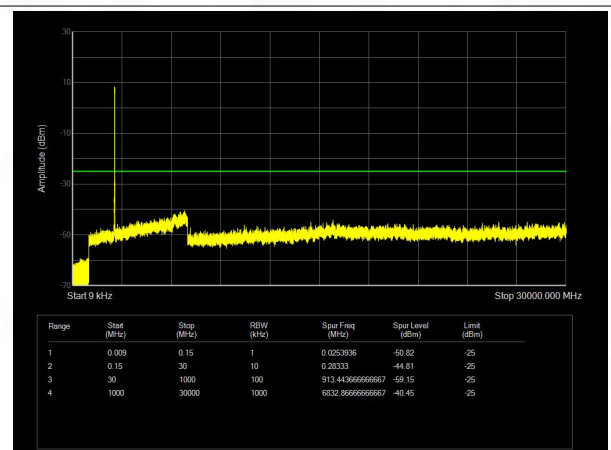
Band41(2555-2655) QPSK BW=10MHz Channel=40290 RB Size=50
Position=#0



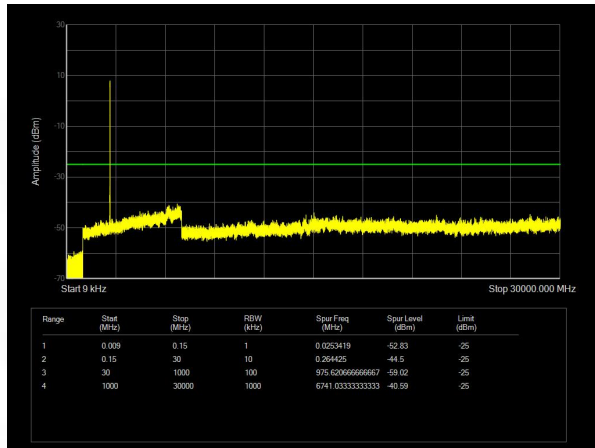
Band41(2555-2655) QAM16 BW=10MHz Channel=40290 RB Size=50
Position=#0



Band41(2555-2655) QPSK BW=10MHz Channel=41190 RB Size=50
Position=#0

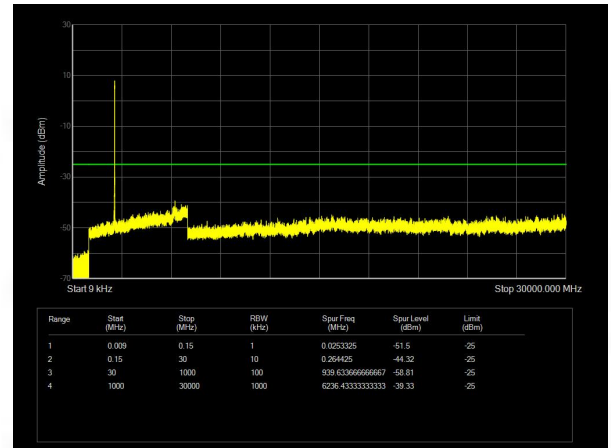


Band41(2555-2655) QPSK BW=15MHz Channel=40315 RB Size=75
Position=#0



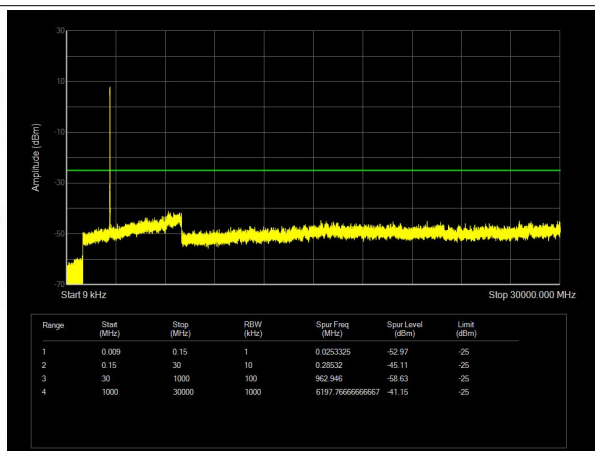
Band41(2555-2655) QAM16 BW=10MHz Channel=41190 RB Size=50

Position=#0



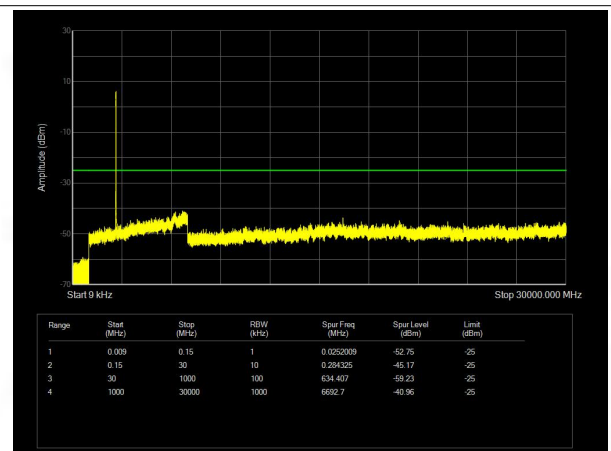
Band41(2555-2655) QAM16 BW=15MHz Channel=40315 RB Size=75

Position=#0



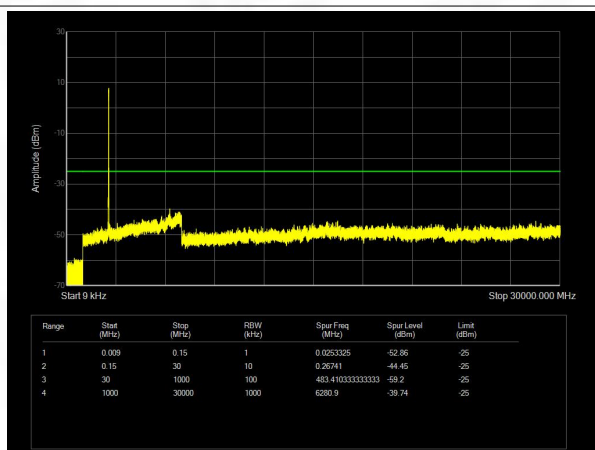
Band41(2555-2655) QPSK BW=15MHz Channel=41165 RB Size=75

Position=#0



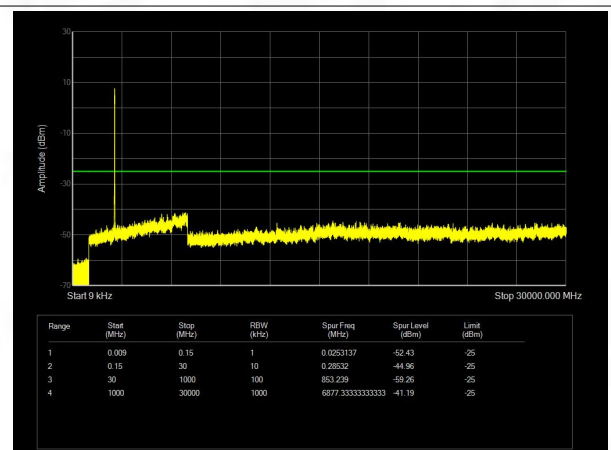
Band41(2555-2655) QAM16 BW=15MHz Channel=41165 RB Size=75

Position=#0



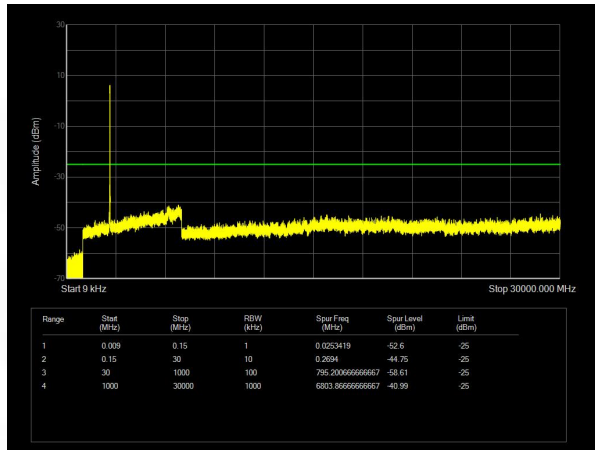
Band41(2555-2655) QPSK BW=20MHz Channel=40340 RB Size=100

Position=#0

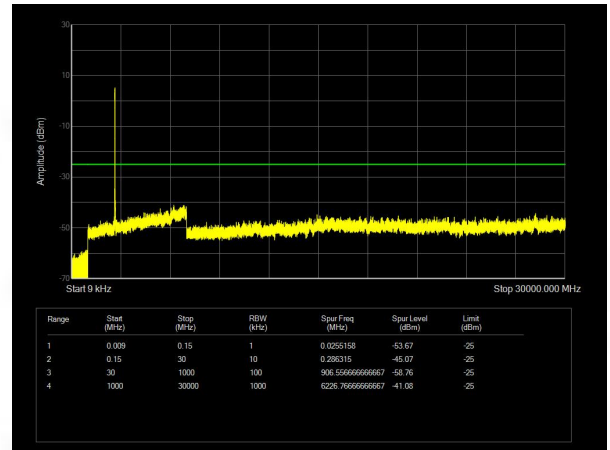


Band41(2555-2655) QAM16 BW=20MHz Channel=40340 RB Size=100

Position=#0



Band41(2555-2655) QPSK BW=20MHz Channel=41140 RB Size=100
Position=#0



Band41(2555-2655) QAM16 BW=20MHz Channel=41140 RB Size=100
Position=#0