

Appendix-LTE Band 41 Test Data

Conducted Test Data

Conducted Output Power and EIRP

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band41(2555-2655)	5	40265	1	#0	QAM16	24.99	1.7	26.69	33	PASS
Band41(2555-2655)	5	40265	1	#Mid	QAM16	25.35	1.7	27.05	33	PASS
Band41(2555-2655)	5	40265	1	#Max	QAM16	25.10	1.7	26.80	33	PASS
Band41(2555-2655)	5	40265	12	#0	QAM16	23.60	1.7	25.30	33	PASS
Band41(2555-2655)	5	40265	12	#Mid	QAM16	23.66	1.7	25.36	33	PASS
Band41(2555-2655)	5	40265	12	#Max	QAM16	23.60	1.7	25.30	33	PASS
Band41(2555-2655)	5	40265	25	#0	QAM16	23.55	1.7	25.25	33	PASS
Band41(2555-2655)	5	40740	1	#0	QAM16	24.46	1.7	26.16	33	PASS
Band41(2555-2655)	5	40740	1	#Mid	QAM16	24.79	1.7	26.49	33	PASS
Band41(2555-2655)	5	40740	1	#Max	QAM16	24.51	1.7	26.21	33	PASS
Band41(2555-2655)	5	40740	12	#0	QAM16	23.26	1.7	24.96	33	PASS
Band41(2555-2655)	5	40740	12	#Mid	QAM16	23.33	1.7	25.03	33	PASS
Band41(2555-2655)	5	40740	12	#Max	QAM16	23.24	1.7	24.94	33	PASS
Band41(2555-2655)	5	40740	25	#0	QAM16	23.31	1.7	25.01	33	PASS
Band41(2555-2655)	5	41215	1	#0	QAM16	24.20	1.7	25.90	33	PASS
Band41(2555-2655)	5	41215	1	#Mid	QAM16	24.49	1.7	26.19	33	PASS
Band41(2555-2655)	5	41215	1	#Max	QAM16	24.18	1.7	25.88	33	PASS
Band41(2555-2655)	5	41215	12	#0	QAM16	23.07	1.7	24.77	33	PASS
Band41(2555-2655)	5	41215	12	#Mid	QAM16	23.11	1.7	24.81	33	PASS
Band41(2555-2655)	5	41215	12	#Max	QAM16	23.00	1.7	24.70	33	PASS
Band41(2555-2655)	5	41215	25	#0	QAM16	23.00	1.7	24.70	33	PASS
Band41(2555-2655)	10	40290	1	#0	QAM16	24.93	1.7	26.63	33	PASS
Band41(2555-2655)	10	40290	1	#Mid	QAM16	25.26	1.7	26.96	33	PASS
Band41(2555-2655)	10	40290	1	#Max	QAM16	25.01	1.7	26.71	33	PASS
Band41(2555-2655)	10	40290	25	#0	QAM16	23.72	1.7	25.42	33	PASS
Band41(2555-2655)	10	40290	25	#Mid	QAM16	23.75	1.7	25.45	33	PASS
Band41(2555-2655)	10	40290	25	#Max	QAM16	23.69	1.7	25.39	33	PASS
Band41(2555-2655)	10	40290	50	#0	QAM16	23.69	1.7	25.39	33	PASS
Band41(2555-2655)	10	40740	1	#0	QAM16	24.38	1.7	26.08	33	PASS
Band41(2555-2655)	10	40740	1	#Mid	QAM16	24.64	1.7	26.34	33	PASS
Band41(2555-2655)	10	40740	1	#Max	QAM16	24.45	1.7	26.15	33	PASS
Band41(2555-2655)	10	40740	25	#0	QAM16	23.40	1.7	25.10	33	PASS
Band41(2555-2655)	10	40740	25	#Mid	QAM16	23.42	1.7	25.12	33	PASS

Band41(2555-2655)	10	40740	25	#Max	QAM16	23.43	1.7	25.13	33	PASS
Band41(2555-2655)	10	40740	50	#0	QAM16	23.42	1.7	25.12	33	PASS
Band41(2555-2655)	10	41190	1	#0	QAM16	23.98	1.7	25.68	33	PASS
Band41(2555-2655)	10	41190	1	#Mid	QAM16	24.13	1.7	25.83	33	PASS
Band41(2555-2655)	10	41190	1	#Max	QAM16	23.93	1.7	25.63	33	PASS
Band41(2555-2655)	10	41190	25	#0	QAM16	23.15	1.7	24.85	33	PASS
Band41(2555-2655)	10	41190	25	#Mid	QAM16	23.13	1.7	24.83	33	PASS
Band41(2555-2655)	10	41190	25	#Max	QAM16	23.01	1.7	24.71	33	PASS
Band41(2555-2655)	10	41190	50	#0	QAM16	23.10	1.7	24.80	33	PASS
Band41(2555-2655)	15	40315	1	#0	QAM16	24.57	1.7	26.27	33	PASS
Band41(2555-2655)	15	40315	1	#Mid	QAM16	25.05	1.7	26.75	33	PASS
Band41(2555-2655)	15	40315	1	#Max	QAM16	24.63	1.7	26.33	33	PASS
Band41(2555-2655)	15	40315	36	#0	QAM16	23.63	1.7	25.33	33	PASS
Band41(2555-2655)	15	40315	36	#Mid	QAM16	23.69	1.7	25.39	33	PASS
Band41(2555-2655)	15	40315	36	#Max	QAM16	23.59	1.7	25.29	33	PASS
Band41(2555-2655)	15	40315	75	#0	QAM16	23.70	1.7	25.40	33	PASS
Band41(2555-2655)	15	40740	1	#0	QAM16	24.48	1.7	26.18	33	PASS
Band41(2555-2655)	15	40740	1	#Mid	QAM16	25.00	1.7	26.70	33	PASS
Band41(2555-2655)	15	40740	1	#Max	QAM16	24.57	1.7	26.27	33	PASS
Band41(2555-2655)	15	40740	36	#0	QAM16	23.37	1.7	25.07	33	PASS
Band41(2555-2655)	15	40740	36	#Mid	QAM16	23.41	1.7	25.11	33	PASS
Band41(2555-2655)	15	40740	36	#Max	QAM16	23.39	1.7	25.09	33	PASS
Band41(2555-2655)	15	40740	75	#0	QAM16	23.36	1.7	25.06	33	PASS
Band41(2555-2655)	15	41165	1	#0	QAM16	24.15	1.7	25.85	33	PASS
Band41(2555-2655)	15	41165	1	#Mid	QAM16	24.41	1.7	26.11	33	PASS
Band41(2555-2655)	15	41165	1	#Max	QAM16	23.97	1.7	25.67	33	PASS
Band41(2555-2655)	15	41165	36	#0	QAM16	23.24	1.7	24.94	33	PASS
Band41(2555-2655)	15	41165	36	#Mid	QAM16	23.20	1.7	24.90	33	PASS
Band41(2555-2655)	15	41165	36	#Max	QAM16	23.06	1.7	24.76	33	PASS
Band41(2555-2655)	15	41165	75	#0	QAM16	23.13	1.7	24.83	33	PASS
Band41(2555-2655)	20	40340	1	#0	QAM16	24.40	1.7	26.10	33	PASS
Band41(2555-2655)	20	40340	1	#Mid	QAM16	24.90	1.7	26.60	33	PASS
Band41(2555-2655)	20	40340	1	#Max	QAM16	24.43	1.7	26.13	33	PASS
Band41(2555-2655)	20	40340	50	#0	QAM16	23.74	1.7	25.44	33	PASS
Band41(2555-2655)	20	40340	50	#Mid	QAM16	23.67	1.7	25.37	33	PASS
Band41(2555-2655)	20	40340	50	#Max	QAM16	23.59	1.7	25.29	33	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	23.63	1.7	25.33	33	PASS
Band41(2555-2655)	20	40740	1	#0	QAM16	24.16	1.7	25.86	33	PASS
Band41(2555-2655)	20	40740	1	#Mid	QAM16	24.68	1.7	26.38	33	PASS
Band41(2555-2655)	20	40740	1	#Max	QAM16	24.23	1.7	25.93	33	PASS
Band41(2555-2655)	20	40740	50	#0	QAM16	23.37	1.7	25.07	33	PASS
Band41(2555-2655)	20	40740	50	#Mid	QAM16	23.41	1.7	25.11	33	PASS
Band41(2555-2655)	20	40740	50	#Max	QAM16	23.42	1.7	25.12	33	PASS
Band41(2555-2655)	20	40740	100	#0	QAM16	23.37	1.7	25.07	33	PASS
Band41(2555-2655)	20	41140	1	#0	QAM16	24.13	1.7	25.83	33	PASS

Band41(2555-2655)	20	41140	1	#Mid	QAM16	24.46	1.7	26.16	33	PASS
Band41(2555-2655)	20	41140	1	#Max	QAM16	23.90	1.7	25.60	33	PASS
Band41(2555-2655)	20	41140	50	#0	QAM16	23.29	1.7	24.99	33	PASS
Band41(2555-2655)	20	41140	50	#Mid	QAM16	23.12	1.7	24.82	33	PASS
Band41(2555-2655)	20	41140	50	#Max	QAM16	22.95	1.7	24.65	33	PASS
Band41(2555-2655)	20	41140	100	#0	QAM16	23.15	1.7	24.85	33	PASS
Band41(2555-2655)	5	40265	1	#0	QPSK	25.55	1.7	27.25	33	PASS
Band41(2555-2655)	5	40265	1	#Mid	QPSK	25.89	1.7	27.59	33	PASS
Band41(2555-2655)	5	40265	1	#Max	QPSK	25.65	1.7	27.35	33	PASS
Band41(2555-2655)	5	40265	12	#0	QPSK	24.58	1.7	26.28	33	PASS
Band41(2555-2655)	5	40265	12	#Mid	QPSK	24.69	1.7	26.39	33	PASS
Band41(2555-2655)	5	40265	12	#Max	QPSK	24.62	1.7	26.32	33	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	24.58	1.7	26.28	33	PASS
Band41(2555-2655)	5	40740	1	#0	QPSK	25.26	1.7	26.96	33	PASS
Band41(2555-2655)	5	40740	1	#Mid	QPSK	25.62	1.7	27.32	33	PASS
Band41(2555-2655)	5	40740	1	#Max	QPSK	25.33	1.7	27.03	33	PASS
Band41(2555-2655)	5	40740	12	#0	QPSK	24.32	1.7	26.02	33	PASS
Band41(2555-2655)	5	40740	12	#Mid	QPSK	24.39	1.7	26.09	33	PASS
Band41(2555-2655)	5	40740	12	#Max	QPSK	24.33	1.7	26.03	33	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	24.34	1.7	26.04	33	PASS
Band41(2555-2655)	5	41215	1	#0	QPSK	24.94	1.7	26.64	33	PASS
Band41(2555-2655)	5	41215	1	#Mid	QPSK	25.21	1.7	26.91	33	PASS
Band41(2555-2655)	5	41215	1	#Max	QPSK	24.88	1.7	26.58	33	PASS
Band41(2555-2655)	5	41215	12	#0	QPSK	24.07	1.7	25.77	33	PASS
Band41(2555-2655)	5	41215	12	#Mid	QPSK	24.07	1.7	25.77	33	PASS
Band41(2555-2655)	5	41215	12	#Max	QPSK	23.99	1.7	25.69	33	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	24.03	1.7	25.73	33	PASS
Band41(2555-2655)	10	40290	1	#0	QPSK	25.53	1.7	27.23	33	PASS
Band41(2555-2655)	10	40290	1	#Mid	QPSK	25.86	1.7	27.56	33	PASS
Band41(2555-2655)	10	40290	1	#Max	QPSK	25.63	1.7	27.33	33	PASS
Band41(2555-2655)	10	40290	25	#0	QPSK	24.69	1.7	26.39	33	PASS
Band41(2555-2655)	10	40290	25	#Mid	QPSK	24.74	1.7	26.44	33	PASS
Band41(2555-2655)	10	40290	25	#Max	QPSK	24.70	1.7	26.40	33	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	24.68	1.7	26.38	33	PASS
Band41(2555-2655)	10	40740	1	#0	QPSK	25.29	1.7	26.99	33	PASS
Band41(2555-2655)	10	40740	1	#Mid	QPSK	25.59	1.7	27.29	33	PASS
Band41(2555-2655)	10	40740	1	#Max	QPSK	25.42	1.7	27.12	33	PASS
Band41(2555-2655)	10	40740	25	#0	QPSK	24.41	1.7	26.11	33	PASS
Band41(2555-2655)	10	40740	25	#Mid	QPSK	24.39	1.7	26.09	33	PASS
Band41(2555-2655)	10	40740	25	#Max	QPSK	24.45	1.7	26.15	33	PASS
Band41(2555-2655)	10	40740	50	#0	QPSK	24.38	1.7	26.08	33	PASS
Band41(2555-2655)	10	41190	1	#0	QPSK	25.10	1.7	26.80	33	PASS
Band41(2555-2655)	10	41190	1	#Mid	QPSK	25.21	1.7	26.91	33	PASS
Band41(2555-2655)	10	41190	1	#Max	QPSK	25.02	1.7	26.72	33	PASS
Band41(2555-2655)	10	41190	25	#0	QPSK	24.13	1.7	25.83	33	PASS

Band41(2555-2655)	10	41190	25	#Mid	QPSK	24.10	1.7	25.80	33	PASS
Band41(2555-2655)	10	41190	25	#Max	QPSK	24.05	1.7	25.75	33	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	24.10	1.7	25.80	33	PASS
Band41(2555-2655)	15	40315	1	#0	QPSK	25.52	1.7	27.22	33	PASS
Band41(2555-2655)	15	40315	1	#Mid	QPSK	26.02	1.7	27.72	33	PASS
Band41(2555-2655)	15	40315	1	#Max	QPSK	25.53	1.7	27.23	33	PASS
Band41(2555-2655)	15	40315	36	#0	QPSK	24.72	1.7	26.42	33	PASS
Band41(2555-2655)	15	40315	36	#Mid	QPSK	24.78	1.7	26.48	33	PASS
Band41(2555-2655)	15	40315	36	#Max	QPSK	24.70	1.7	26.40	33	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	24.73	1.7	26.43	33	PASS
Band41(2555-2655)	15	40740	1	#0	QPSK	25.11	1.7	26.81	33	PASS
Band41(2555-2655)	15	40740	1	#Mid	QPSK	25.63	1.7	27.33	33	PASS
Band41(2555-2655)	15	40740	1	#Max	QPSK	25.17	1.7	26.87	33	PASS
Band41(2555-2655)	15	40740	36	#0	QPSK	24.40	1.7	26.10	33	PASS
Band41(2555-2655)	15	40740	36	#Mid	QPSK	24.43	1.7	26.13	33	PASS
Band41(2555-2655)	15	40740	36	#Max	QPSK	24.44	1.7	26.14	33	PASS
Band41(2555-2655)	15	40740	75	#0	QPSK	24.40	1.7	26.10	33	PASS
Band41(2555-2655)	15	41165	1	#0	QPSK	25.04	1.7	26.74	33	PASS
Band41(2555-2655)	15	41165	1	#Mid	QPSK	25.34	1.7	27.04	33	PASS
Band41(2555-2655)	15	41165	1	#Max	QPSK	24.83	1.7	26.53	33	PASS
Band41(2555-2655)	15	41165	36	#0	QPSK	24.22	1.7	25.92	33	PASS
Band41(2555-2655)	15	41165	36	#Mid	QPSK	24.20	1.7	25.90	33	PASS
Band41(2555-2655)	15	41165	36	#Max	QPSK	24.04	1.7	25.74	33	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	24.18	1.7	25.88	33	PASS
Band41(2555-2655)	20	40340	1	#0	QPSK	25.32	1.7	27.02	33	PASS
Band41(2555-2655)	20	40340	1	#Mid	QPSK	25.83	1.7	27.53	33	PASS
Band41(2555-2655)	20	40340	1	#Max	QPSK	25.34	1.7	27.04	33	PASS
Band41(2555-2655)	20	40340	50	#0	QPSK	24.70	1.7	26.40	33	PASS
Band41(2555-2655)	20	40340	50	#Mid	QPSK	24.62	1.7	26.32	33	PASS
Band41(2555-2655)	20	40340	50	#Max	QPSK	24.56	1.7	26.26	33	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	24.64	1.7	26.34	33	PASS
Band41(2555-2655)	20	40740	1	#0	QPSK	24.97	1.7	26.67	33	PASS
Band41(2555-2655)	20	40740	1	#Mid	QPSK	25.53	1.7	27.23	33	PASS
Band41(2555-2655)	20	40740	1	#Max	QPSK	25.03	1.7	26.73	33	PASS
Band41(2555-2655)	20	40740	50	#0	QPSK	24.33	1.7	26.03	33	PASS
Band41(2555-2655)	20	40740	50	#Mid	QPSK	24.35	1.7	26.05	33	PASS
Band41(2555-2655)	20	40740	50	#Max	QPSK	24.36	1.7	26.06	33	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	24.35	1.7	26.05	33	PASS
Band41(2555-2655)	20	41140	1	#0	QPSK	25.00	1.7	26.70	33	PASS
Band41(2555-2655)	20	41140	1	#Mid	QPSK	25.35	1.7	27.05	33	PASS
Band41(2555-2655)	20	41140	1	#Max	QPSK	24.75	1.7	26.45	33	PASS
Band41(2555-2655)	20	41140	50	#0	QPSK	24.29	1.7	25.99	33	PASS
Band41(2555-2655)	20	41140	50	#Mid	QPSK	24.13	1.7	25.83	33	PASS
Band41(2555-2655)	20	41140	50	#Max	QPSK	23.95	1.7	25.65	33	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	24.16	1.7	25.86	33	PASS

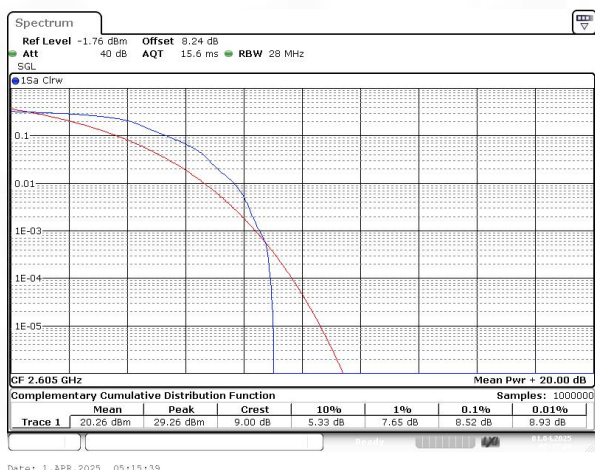
Frequency stability

Band	Band width (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature(℃)	Result (Hz)	Result (ppm)	Verdict
Band41(2555-2655)	20	40740	100	#0	QPSK	VL	NT	-7.47	-0.003	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	VN	NT	-5.06	-0.002	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	VH	NT	-4.81	-0.002	PASS

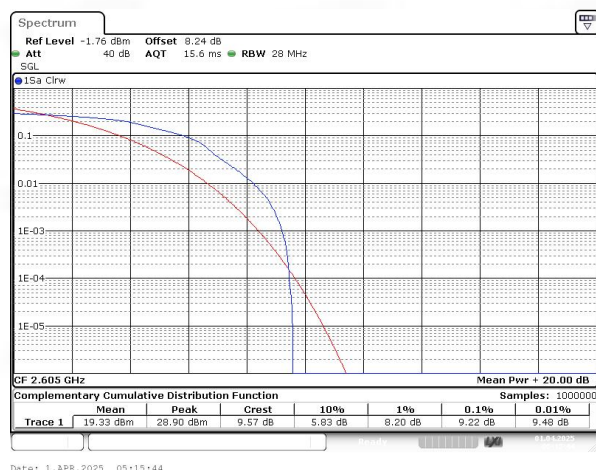
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature(℃)	Result (Hz)	Result (ppm)	Verdict
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	-30	-2.40	-0.001	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	-20	-6.48	-0.002	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	-10	-4.21	-0.002	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	0	-3.04	-0.002	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	10	-0.39	-0.001	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	20	-2.83	-0.001	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	30	1.6	0.001	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	40	2.03	0.001	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	50	0.72	0.000	PASS

Peak-to-Average Ratio

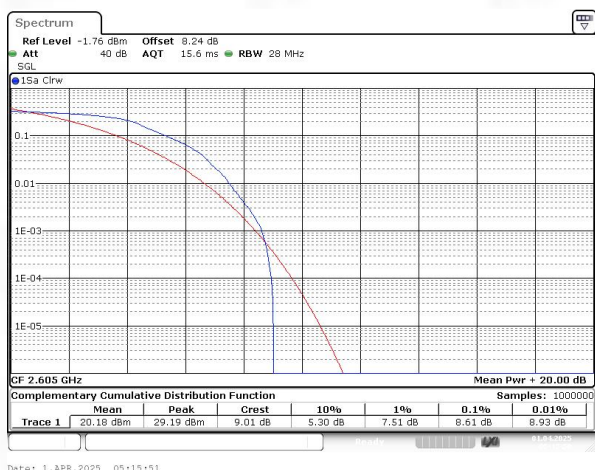
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band41(2555-2655)	5	40740	1	#0	QAM16	9.22	13	PASS
Band41(2555-2655)	10	40740	1	#0	QAM16	9.36	13	PASS
Band41(2555-2655)	15	40740	1	#0	QAM16	9.07	13	PASS
Band41(2555-2655)	20	40740	1	#0	QAM16	8.99	13	PASS
Band41(2555-2655)	5	40740	1	#0	QPSK	8.52	13	PASS
Band41(2555-2655)	10	40740	1	#0	QPSK	8.61	13	PASS
Band41(2555-2655)	15	40740	1	#0	QPSK	8.67	13	PASS
Band41(2555-2655)	20	40740	1	#0	QPSK	7.94	13	PASS



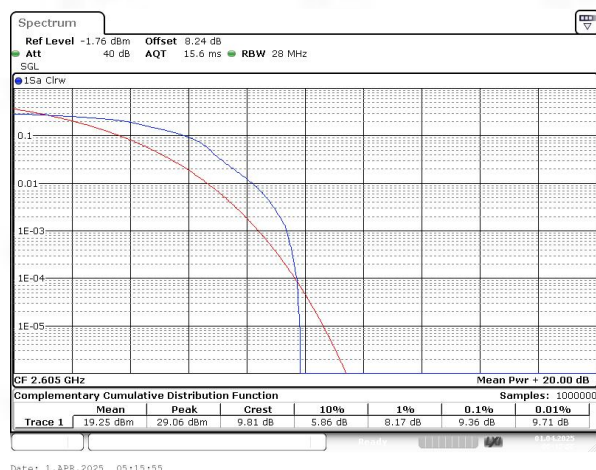
Band41(2555-2655) QPSK BW=5MHz Channel=40740 RB Size=1
Position=#0



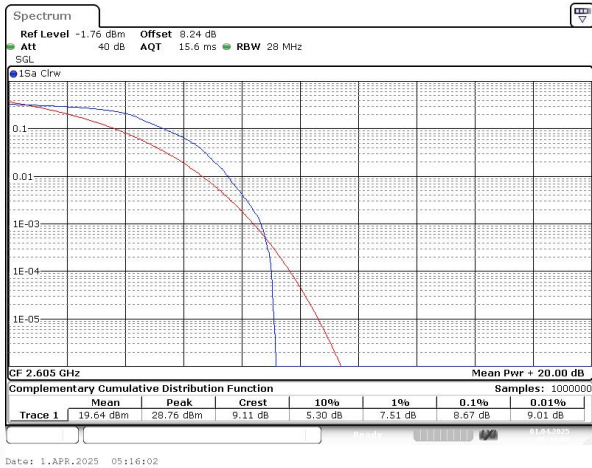
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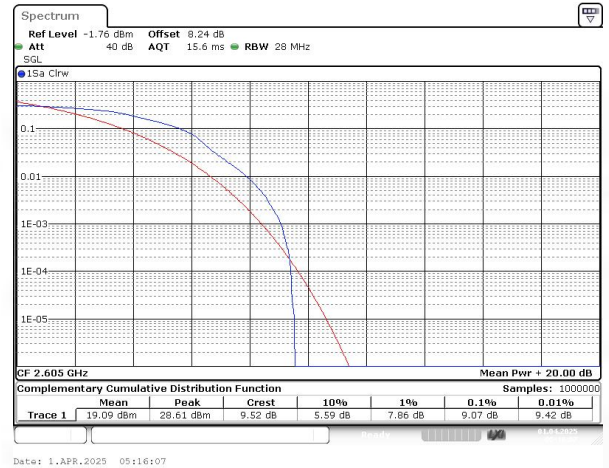
Band41(2555-2655) QPSK BW=10MHz Channel=40740 RB Size=1
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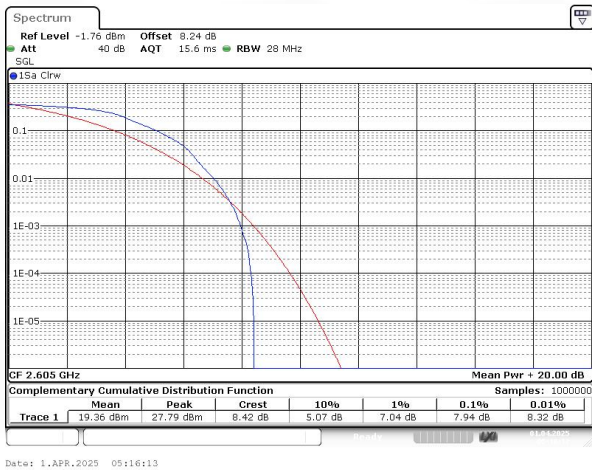
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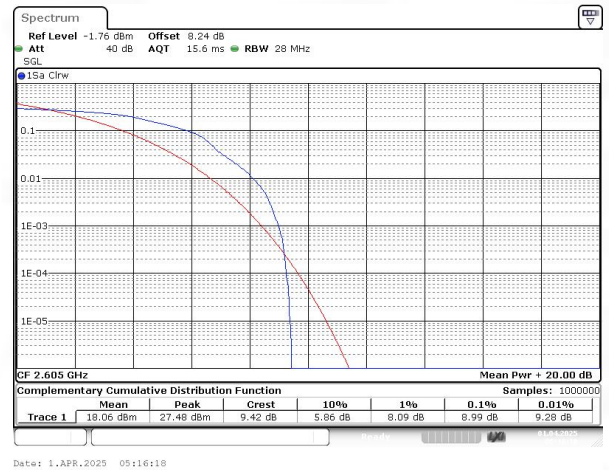
Band41(2555-2655) QPSK BW=15MHz Channel=40740 RB Size=1
Position=#0



Band41(2555-2655) QAM16 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) QAM16 BW=20MHz 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	5.116	PASS
Band41(2555-2655)	5	40740	25	#0	QAM16	4.486	4.884	PASS
Band41(2555-2655)	5	41215	25	#0	QAM16	4.501	4.841	PASS
Band41(2555-2655)	10	40290	50	#0	QAM16	8.973	9.507	PASS
Band41(2555-2655)	10	40740	50	#0	QAM16	9.001	10.087	PASS
Band41(2555-2655)	10	41190	50	#0	QAM16	9.001	9.855	PASS
Band41(2555-2655)	15	40315	75	#0	QAM16	13.459	14.478	PASS
Band41(2555-2655)	15	40740	75	#0	QAM16	13.459	14.565	PASS
Band41(2555-2655)	15	41165	75	#0	QAM16	13.502	15.435	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	18.003	19.13	PASS
Band41(2555-2655)	20	40740	100	#0	QAM16	18.003	19.42	PASS
Band41(2555-2655)	20	41140	100	#0	QAM16	18.003	19.304	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	4.472	4.928	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	4.486	4.797	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	4.472	4.986	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	8.973	9.623	PASS
Band41(2555-2655)	10	40740	50	#0	QPSK	9.001	10.812	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	9.001	9.739	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	13.459	14.261	PASS
Band41(2555-2655)	15	40740	75	#0	QPSK	13.502	15.609	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	13.502	14.87	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	18.003	19.478	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	18.061	20.696	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	18.003	20.58	PASS

Spectrum

Ref Level 20.00 dBm Offset 8.37 dB RBW 100 kHz Att 40 dB SQL Count 200/200 SWT 1 ms VBW 300 kHz Mode Sweep

1PK Max

CF 2.5575 GHz 691 pts Span 10.0 MHz

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.556501 GHz	9.74 dBm		
T1	1		2.5552713 GHz	5.51 dBm	Occ BW	4.471780029 MHz
T2	1		2.5597431 GHz	5.06 dBm		
M2	1		2.555036 GHz	-14.95 dBm		
M3	1		2.559964 GHz	-16.24 dBm		

Date: 3 JUN 2025 02:05:54

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

Position=#0

Spectrum

Ref Level 20.00 dBm Offset 8.37 dB RBW 100 kHz Att 40 dB SQL Count 200/200 SWT 1 ms VBW 300 kHz Mode Sweep

1PK Max

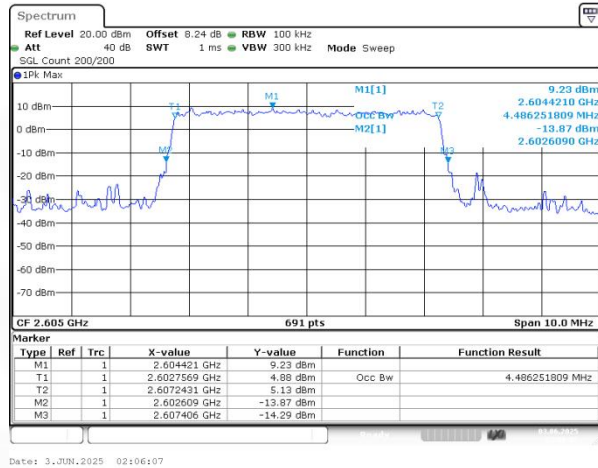
CF 2.5575 GHz 691 pts Span 10.0 MHz

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.558195 GHz	9.06 dBm		
T1	1		2.5552713 GHz	4.47 dBm	Occ BW	4.486251809 MHz
T2	1		2.5597576 GHz	3.57 dBm		
M2	1		2.554862 GHz	-16.51 dBm		
M3	1		2.559978 GHz	-15.76 dBm		

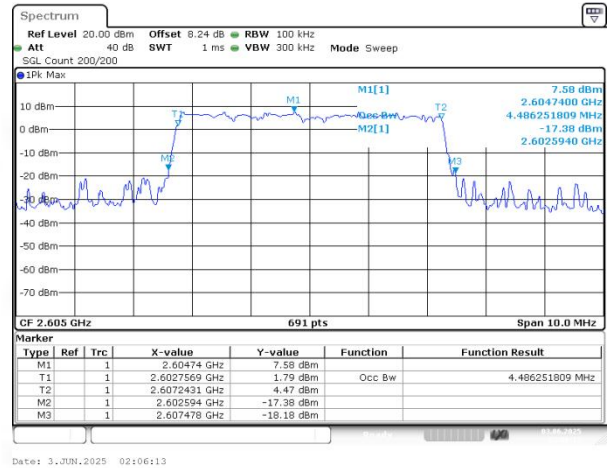
Date: 3 JUN 2025 02:06:00

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

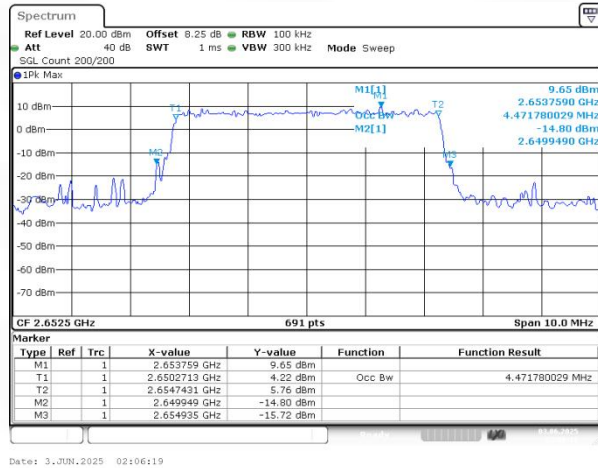
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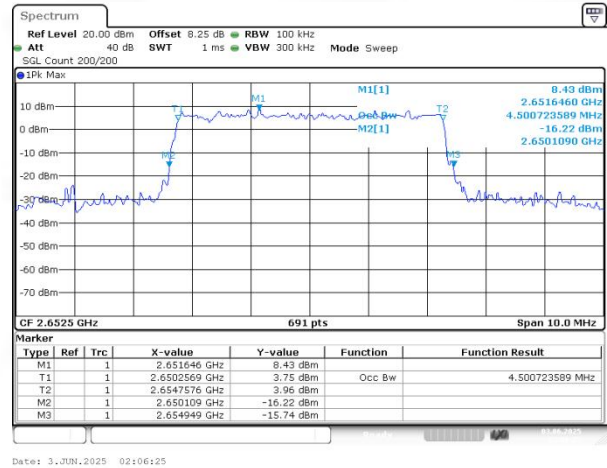
Band41(2555-2655) QPSK BW=5MHz Channel=40740 RB Size=25
Position=#0



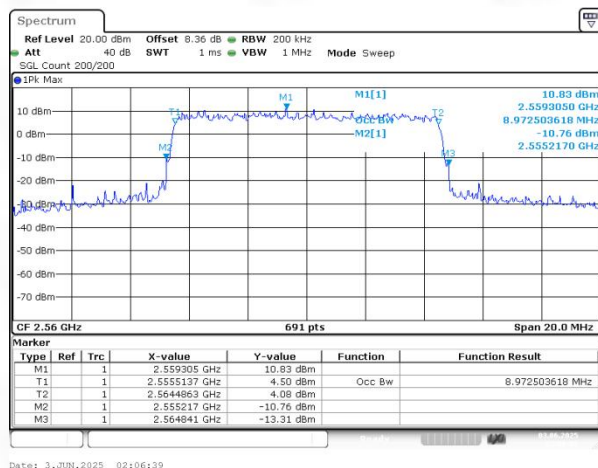
Band41(2555-2655) QAM16 BW=5MHz Channel=40740 RB Size=25
Position=#0



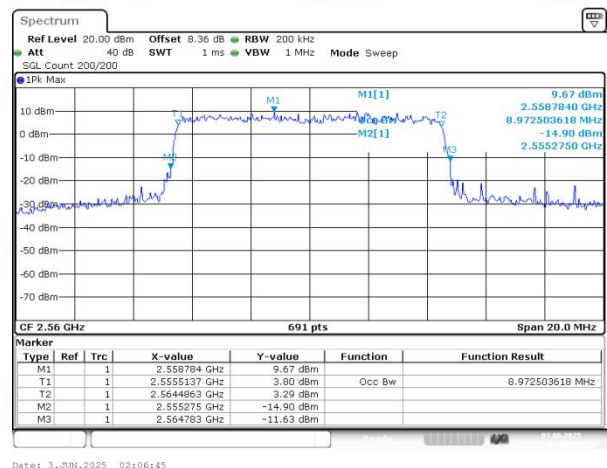
Band41(2555-2655) QPSK BW=5MHz Channel=41215 RB Size=25
Position=#0



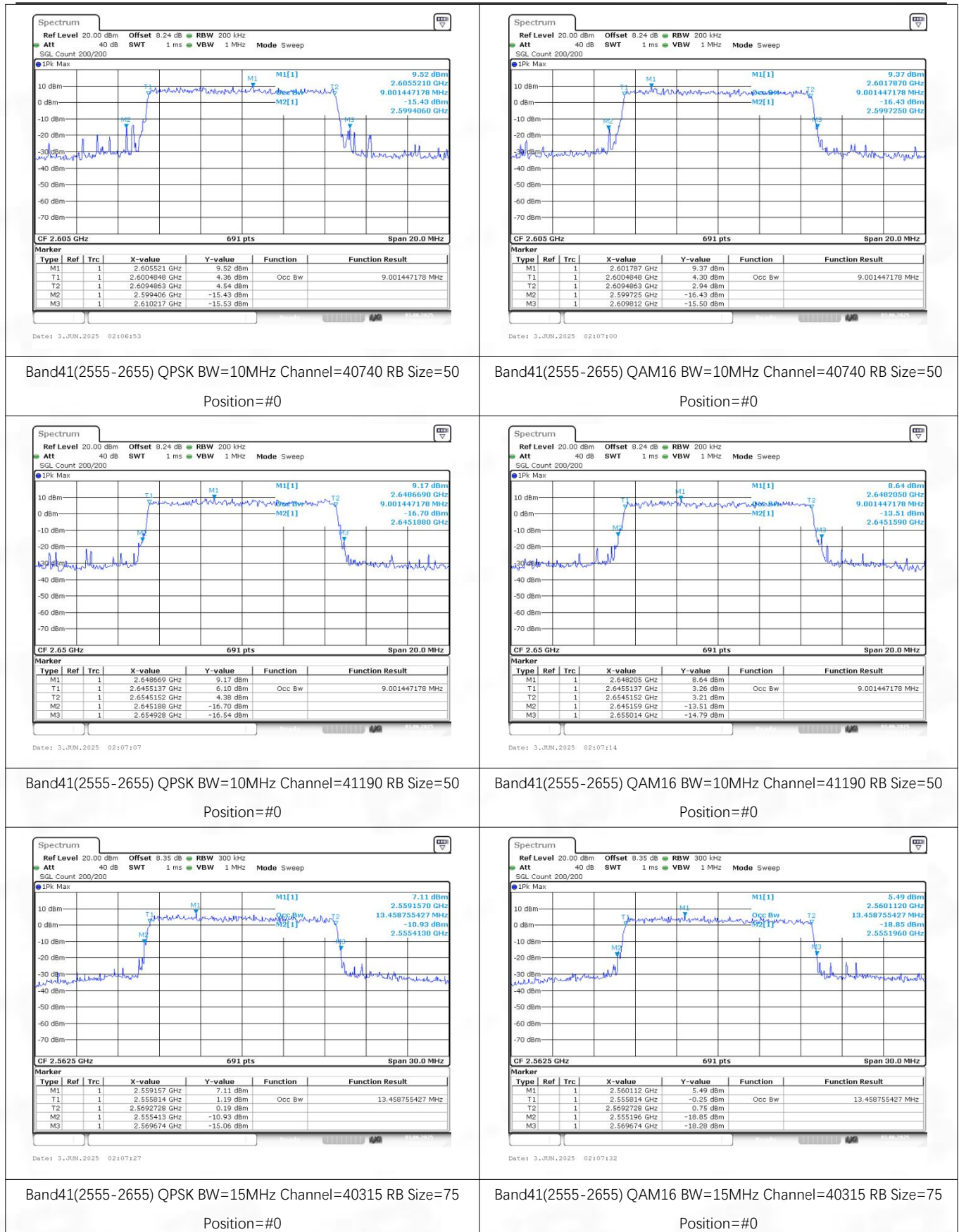
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Position=#0

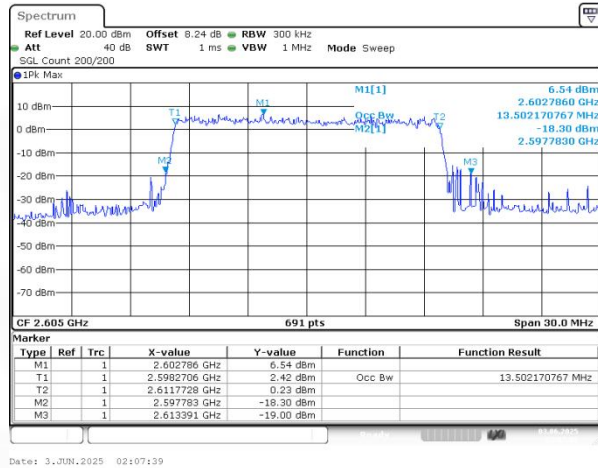


Band41(2555-2655) QPSK BW=10MHz Channel=40290 RB Size=50
Position=#0

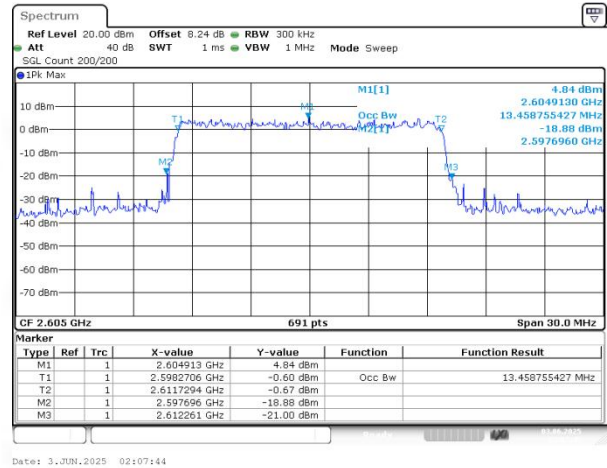


Band41(2555-2655) QAM16 BW=10MHz Channel=40290 RB Size=50
Position=#0

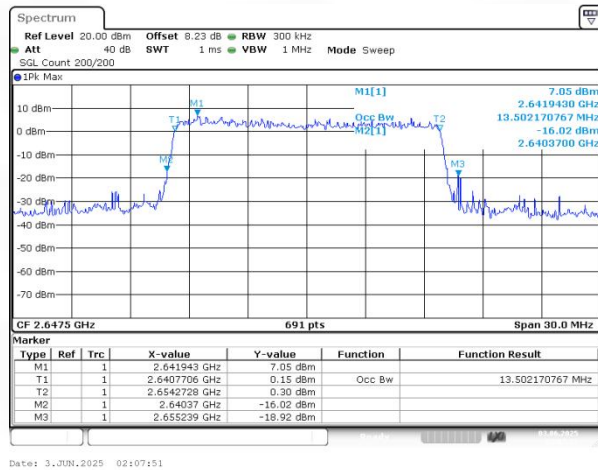




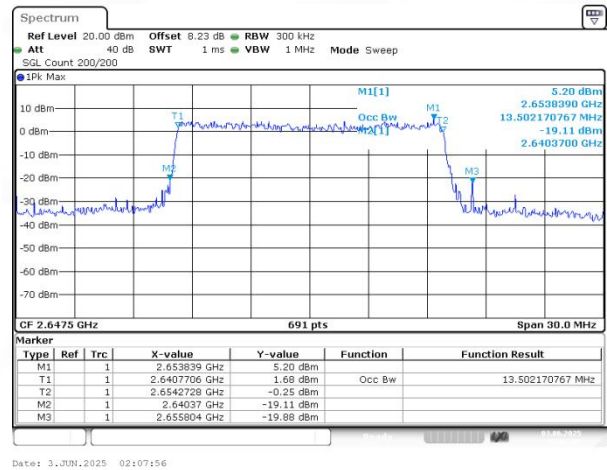
Band41(2555-2655) QPSK BW=15MHz Channel=40740 RB Size=75
Position=#0



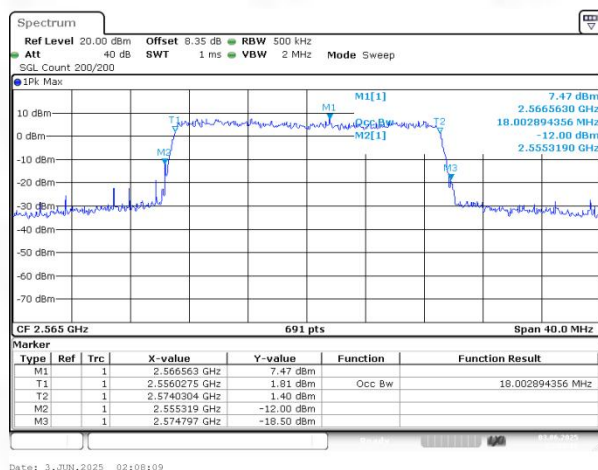
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Position=#0



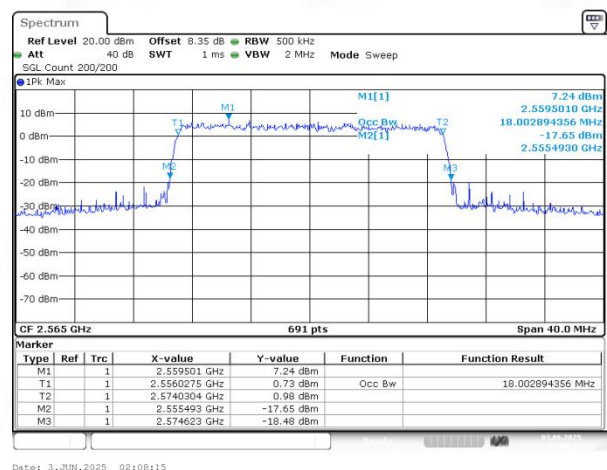
Band41(2555-2655) QPSK BW=15MHz Channel=41165 RB Size=75
Position=#0



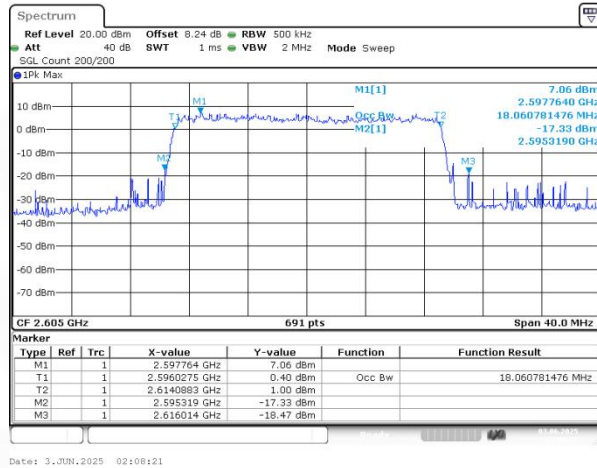
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Position=#0



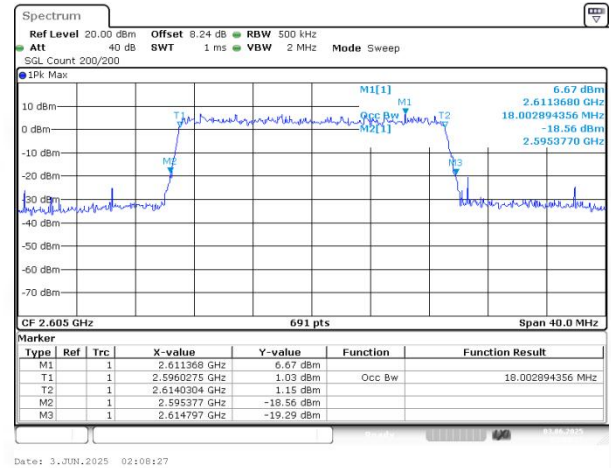
Band41(2555-2655) QPSK BW=20MHz Channel=40340 RB Size=100
Position=#0



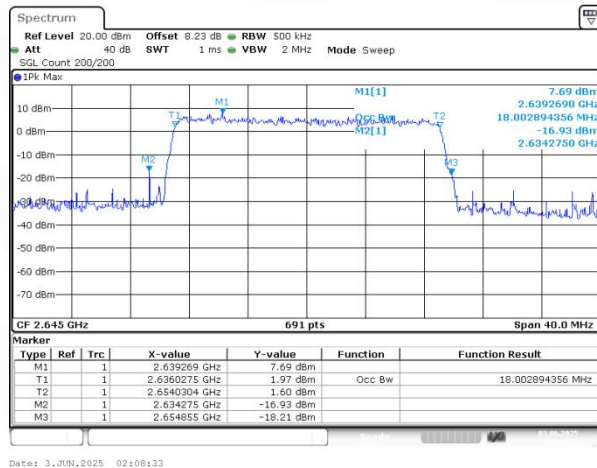
Band41(2555-2655) QAM16 BW=20MHz Channel=40340 RB Size=100
Position=#0



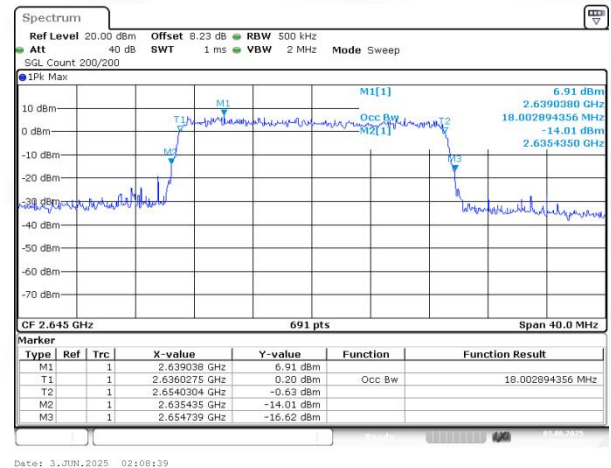
Band41(2555-2655) QPSK BW=20MHz Channel=40740 RB Size=100
Position=#0



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

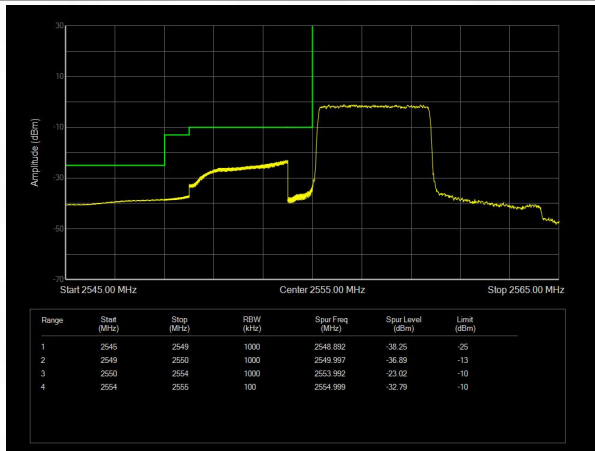


Band41(2555-2655) QPSK BW=20MHz Channel=41140 RB Size=100
Position=#0

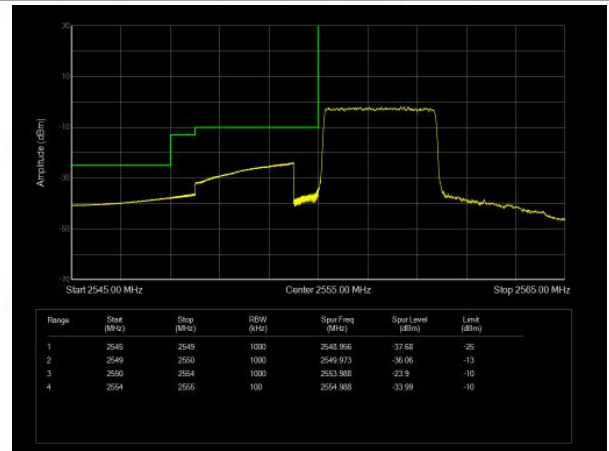


Band41(2555-2655) QAM16 BW=20MHz Channel=41140 RB Size=100
Position=#0

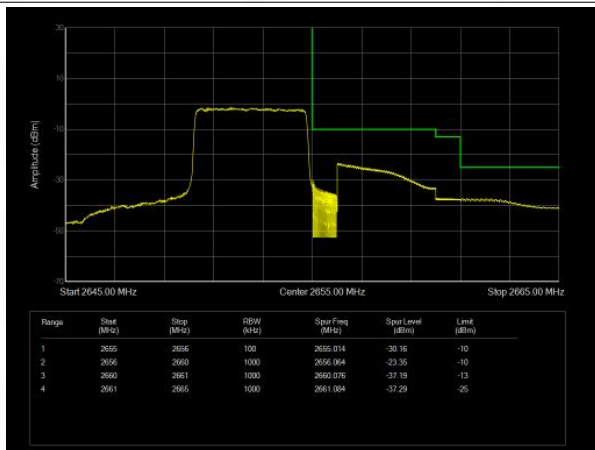
Band edge



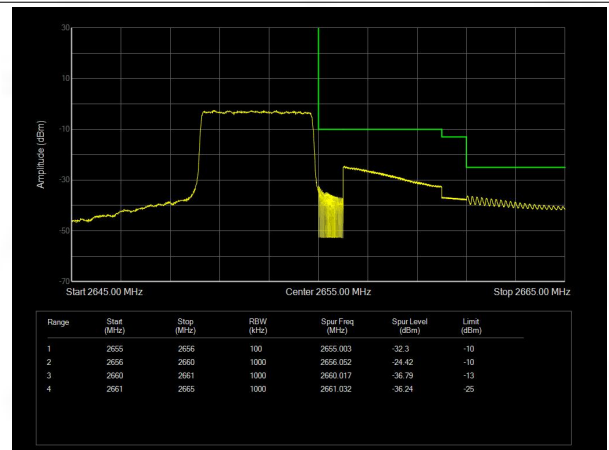
Band41(2555-2655) QPSK BW=5MHz Channel=40265 RB Size=25
Position=#0



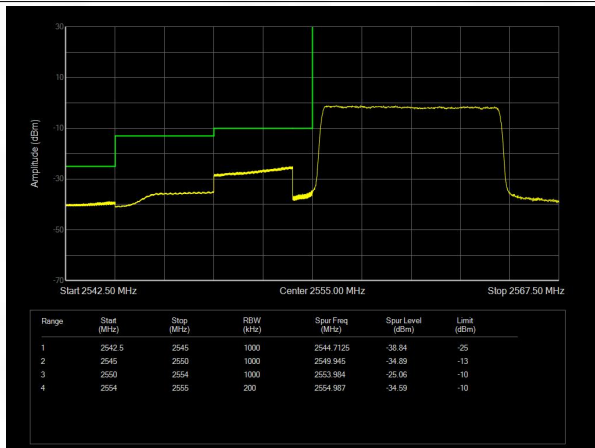
Band41(2555-2655) QAM16 BW=5MHz Channel=40265 RB Size=25
Position=#0



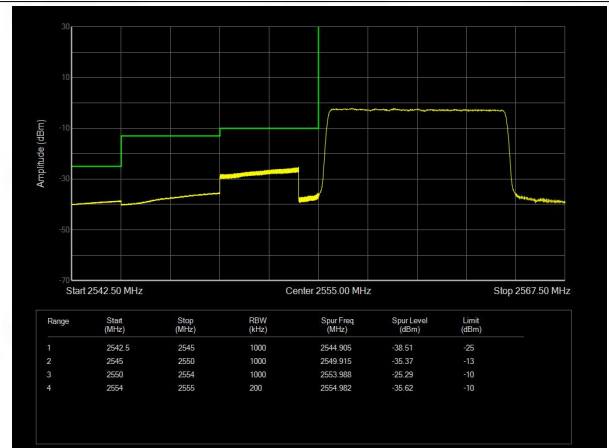
Band41(2555-2655) QPSK BW=5MHz Channel=41215 RB Size=25
Position=#0



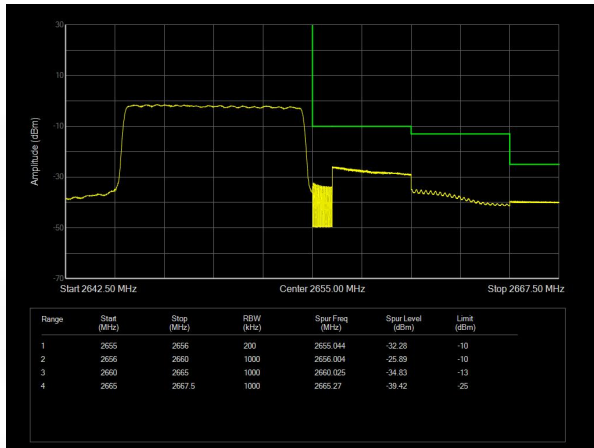
Band41(2555-2655) QAM16 BW=5MHz Channel=41215 RB Size=25
Position=#0



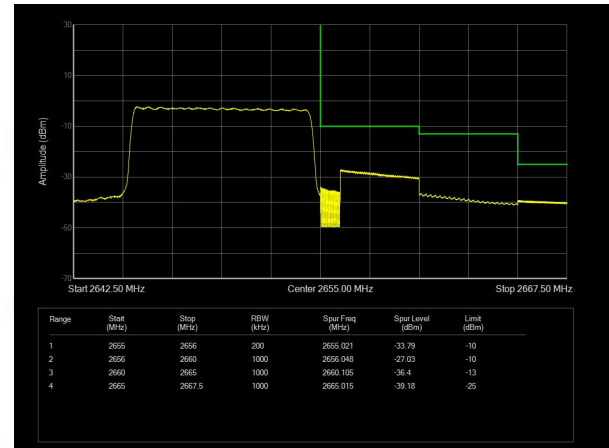
Band41(2555-2655) QPSK BW=10MHz Channel=40290 RB Size=50
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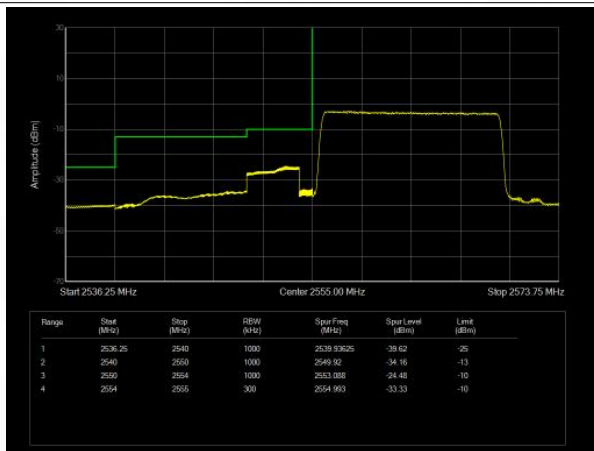
Band41(2555-2655) QAM16 BW=10MHz Channel=40290 RB Size=50
Position=#0



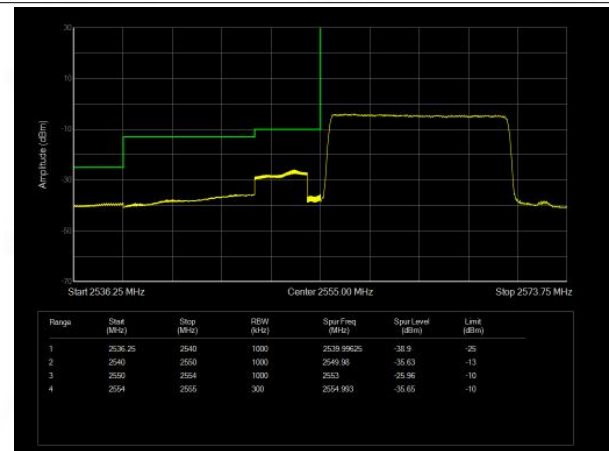
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Position=#0



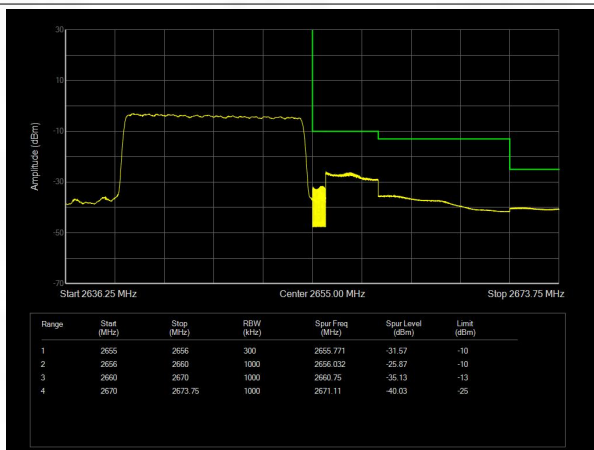
Band41(2555-2655) QAM16 BW=10MHz Channel=41190 RB Size=50
Position=#0



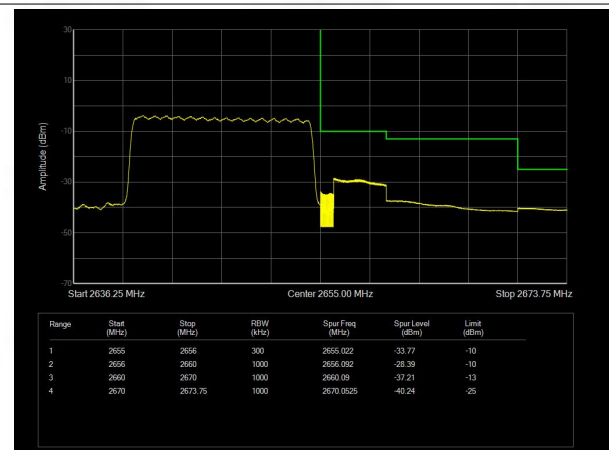
Band41(2555-2655) QPSK BW=15MHz Channel=40315 RB Size=75
Position=#0



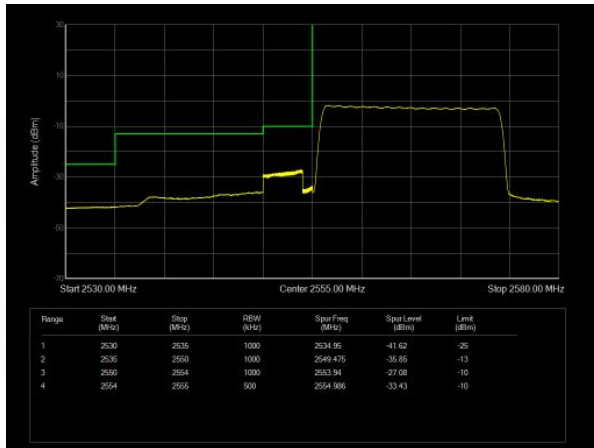
Band41(2555-2655) QAM16 BW=15MHz Channel=40315 RB Size=75
Position=#0



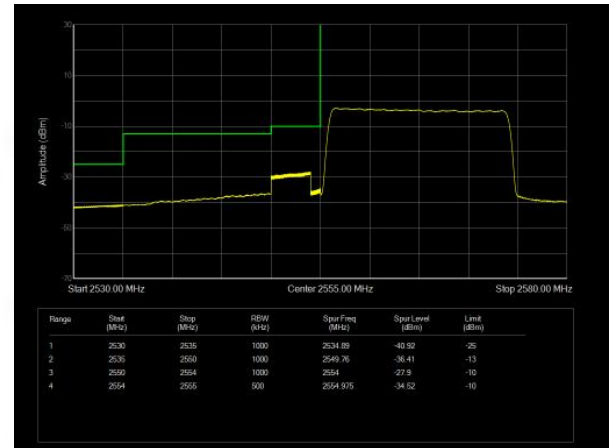
Band41(2555-2655) QPSK BW=15MHz Channel=41165 RB Size=75
Position=#0



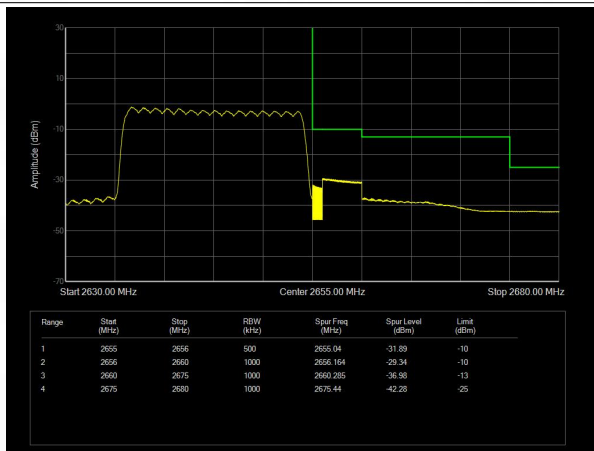
Band41(2555-2655) QAM16 BW=15MHz Channel=41165 RB Size=75
Position=#0



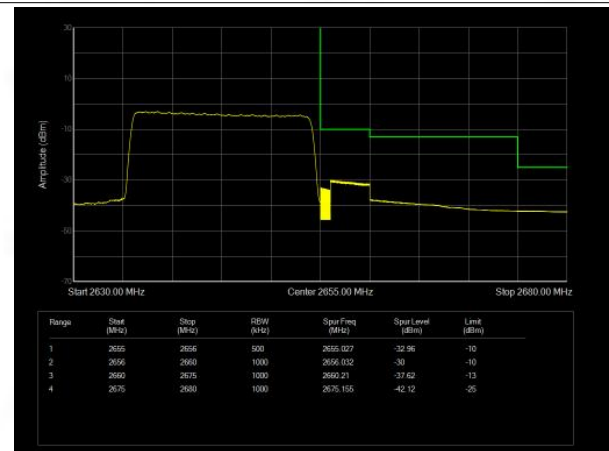
Band41(2555-2655) QPSK BW=20MHz Channel=40340 RB Size=100
Position=#0



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



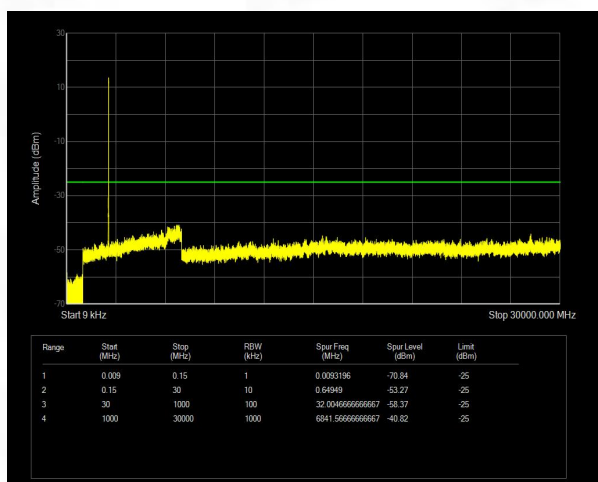
Band41(2555-2655) QPSK BW=20MHz Channel=41140 RB Size=100
Position=#0



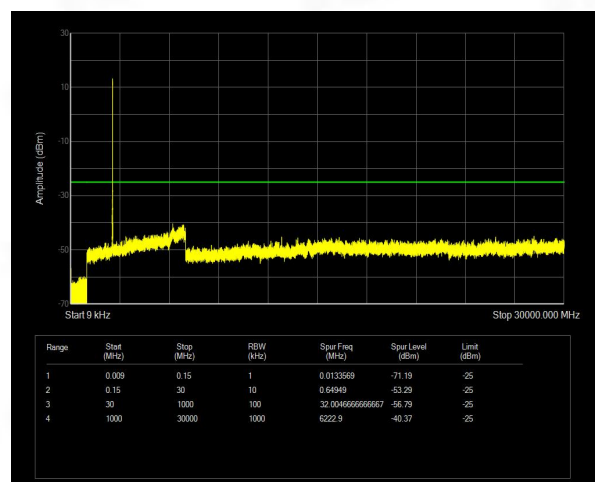
Band41(2555-2655) QAM16 BW=20MHz Channel=41140 RB Size=100
Position=#0

Out-of-band emissions

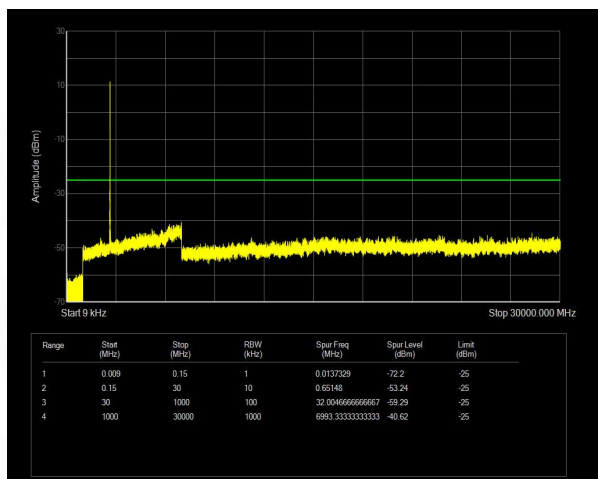
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band41(2555-2655)	5	40265	25	#0	QAM16	6222.9	-40.37	-25	PASS
Band41(2555-2655)	5	41215	25	#0	QAM16	6206.47	-40.76	-25	PASS
Band41(2555-2655)	10	40290	50	#0	QAM16	6772.93	-41.21	-25	PASS
Band41(2555-2655)	10	41190	50	#0	QAM16	6215.17	-40.5	-25	PASS
Band41(2555-2655)	15	40315	75	#0	QAM16	6790.33	-39.92	-25	PASS
Band41(2555-2655)	15	41165	75	#0	QAM16	6783.57	-40.43	-25	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	6885.07	-40.38	-25	PASS
Band41(2555-2655)	20	41140	100	#0	QAM16	6784.53	-40.73	-25	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	6841.57	-40.82	-25	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	6993.33	-40.62	-25	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	6803.87	-40.22	-25	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	6851.23	-40.44	-25	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	6214.2	-41.21	-25	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	6264.47	-40.49	-25	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	6852.2	-40.63	-25	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	6759.4	-40.39	-25	PASS



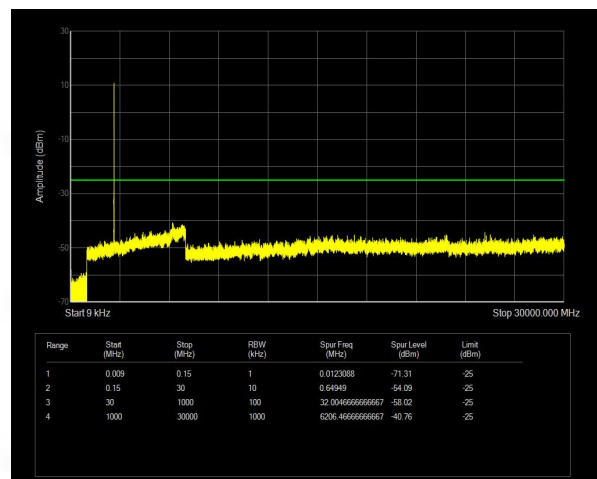
Band41(2555-2655) QPSK BW=5MHz Channel=40265 RB Size=25
Position=#0



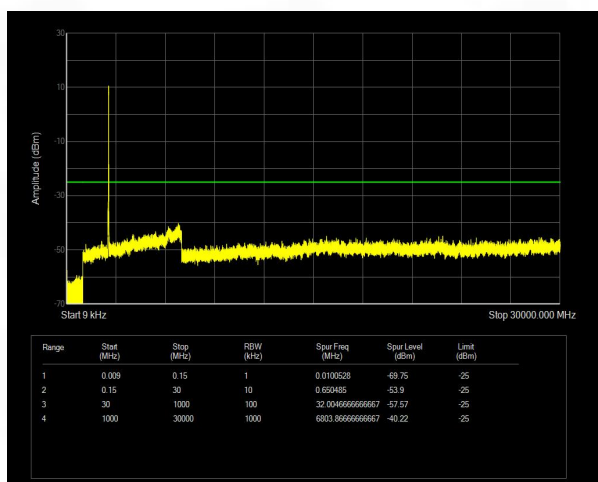
Band41(2555-2655) QAM16 BW=5MHz Channel=40265 RB Size=25
Position=#0



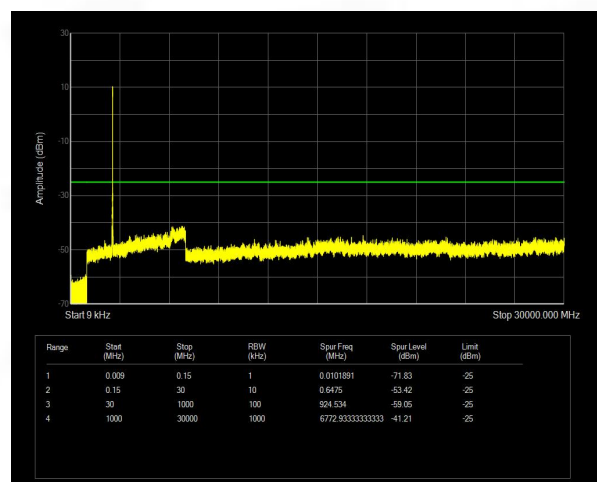
Band41(2555-2655) QPSK BW=5MHz Channel=41215 RB Size=25
Position=#0



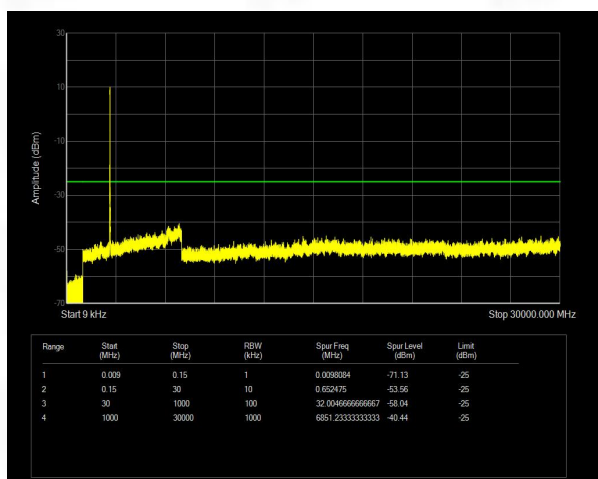
Band41(2555-2655) QAM16 BW=5MHz Channel=41215 RB Size=25
Position=#0



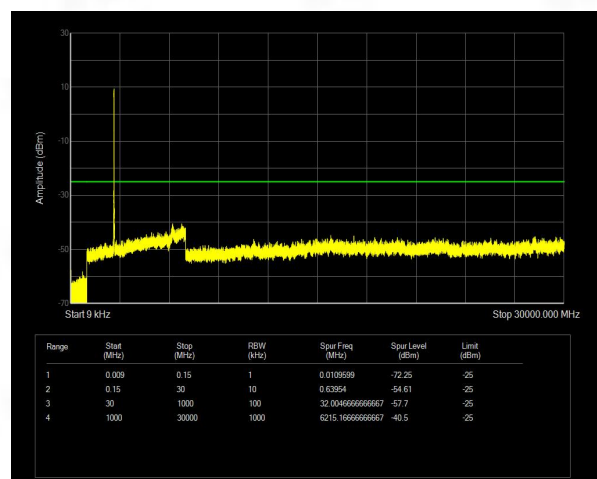
Band41(2555-2655) QPSK BW=10MHz Channel=40290 RB Size=50
Position=#0



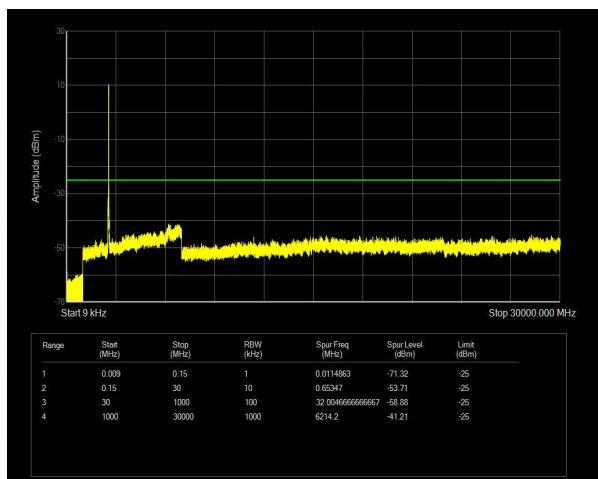
Band41(2555-2655) QAM16 BW=10MHz Channel=40290 RB Size=50
Position=#0



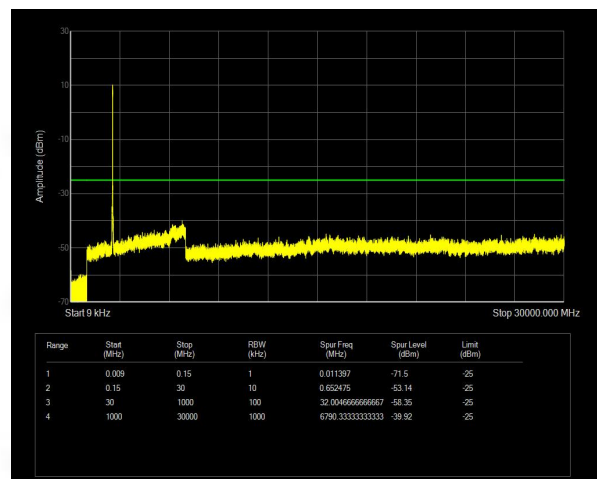
Band41(2555-2655) QPSK BW=10MHz Channel=41190 RB Size=50
Position=#0



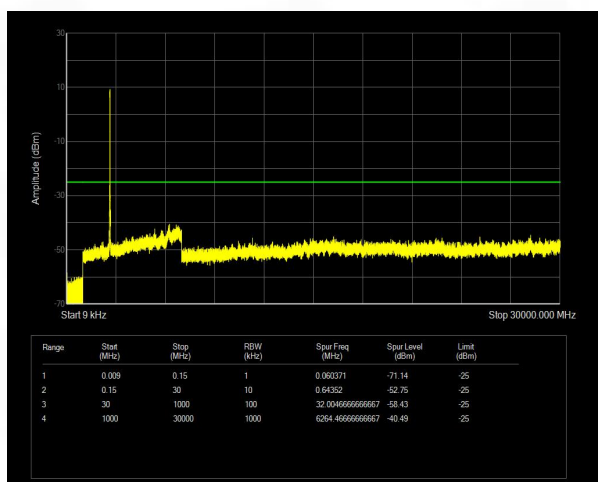
Band41(2555-2655) QAM16 BW=10MHz Channel=41190 RB Size=50
Position=#0



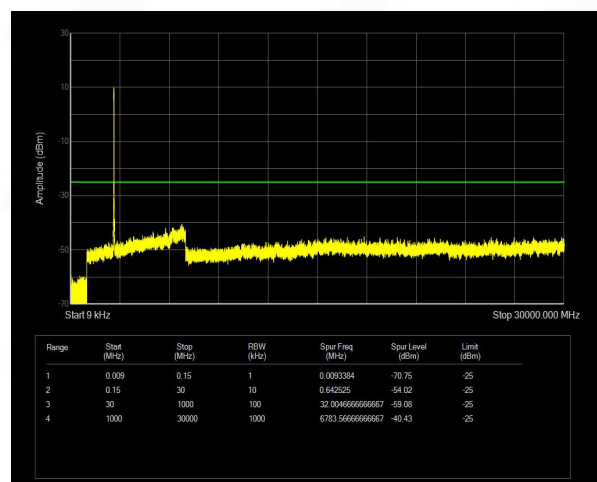
Band41(2555-2655) QPSK BW=15MHz Channel=40315 RB Size=75
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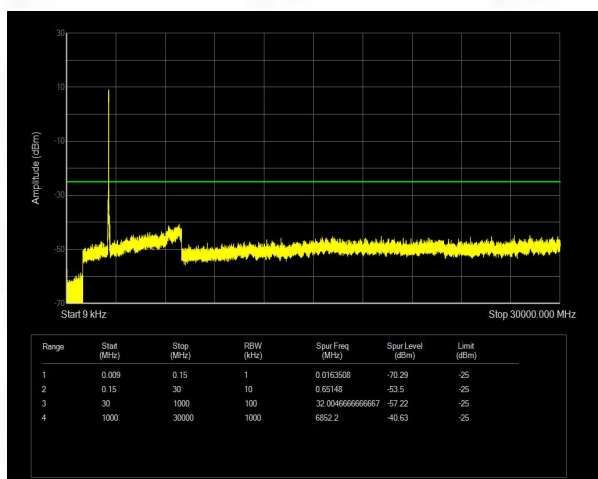
Band41(2555-2655) QAM16 BW=15MHz Channel=40315 RB Size=75
Position=#0



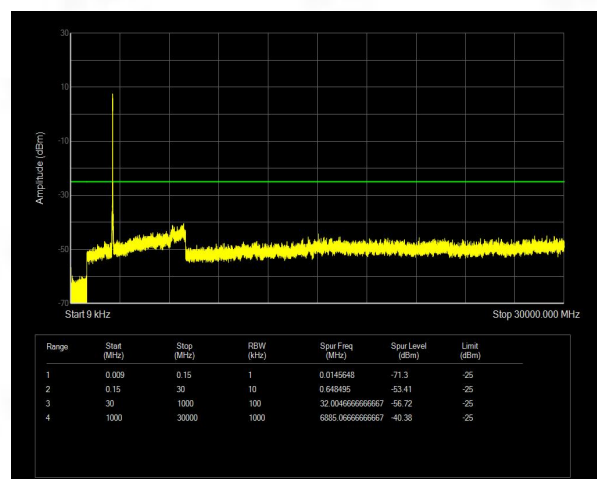
Band41(2555-2655) QPSK BW=15MHz Channel=41165 RB Size=75
Position=#0



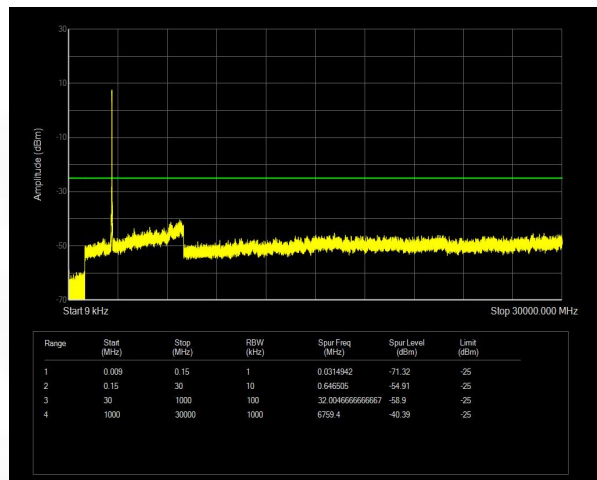
Band41(2555-2655) QAM16 BW=15MHz Channel=41165 RB Size=75
Position=#0



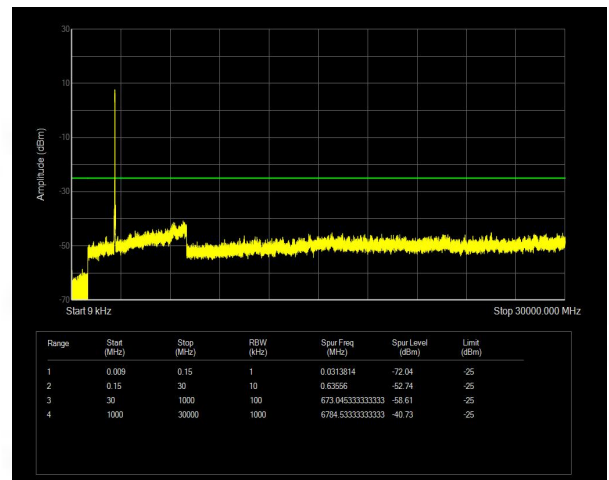
Band41(2555-2655) QPSK BW=20MHz Channel=40340 RB Size=100
Position=#0



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