

Appendix for Band 41

Report No.: BCTC2304548311-5E

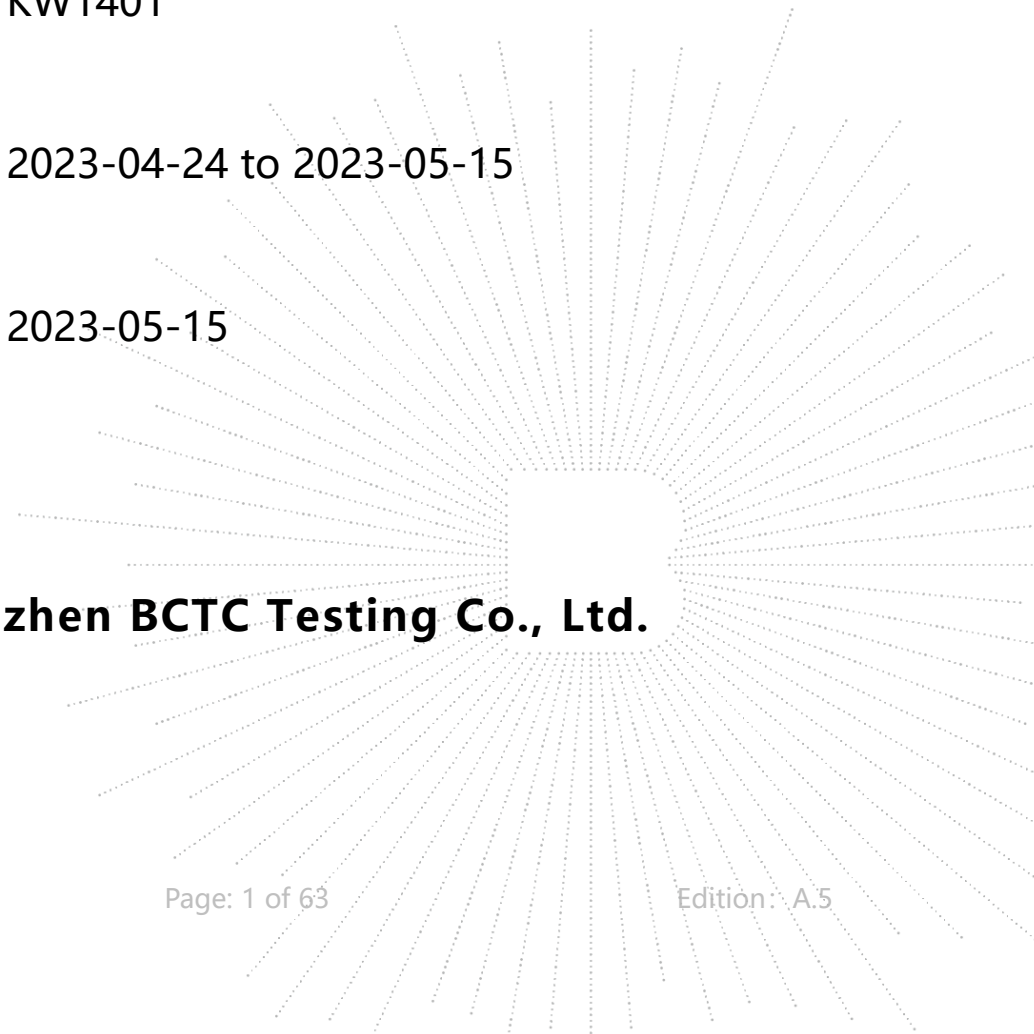
Applicant: OAXIS ASIA PTE LTD

Product Name: myFirst Fone S3

Model/Type
reference: KW1401

Tested Date: 2023-04-24 to 2023-05-15

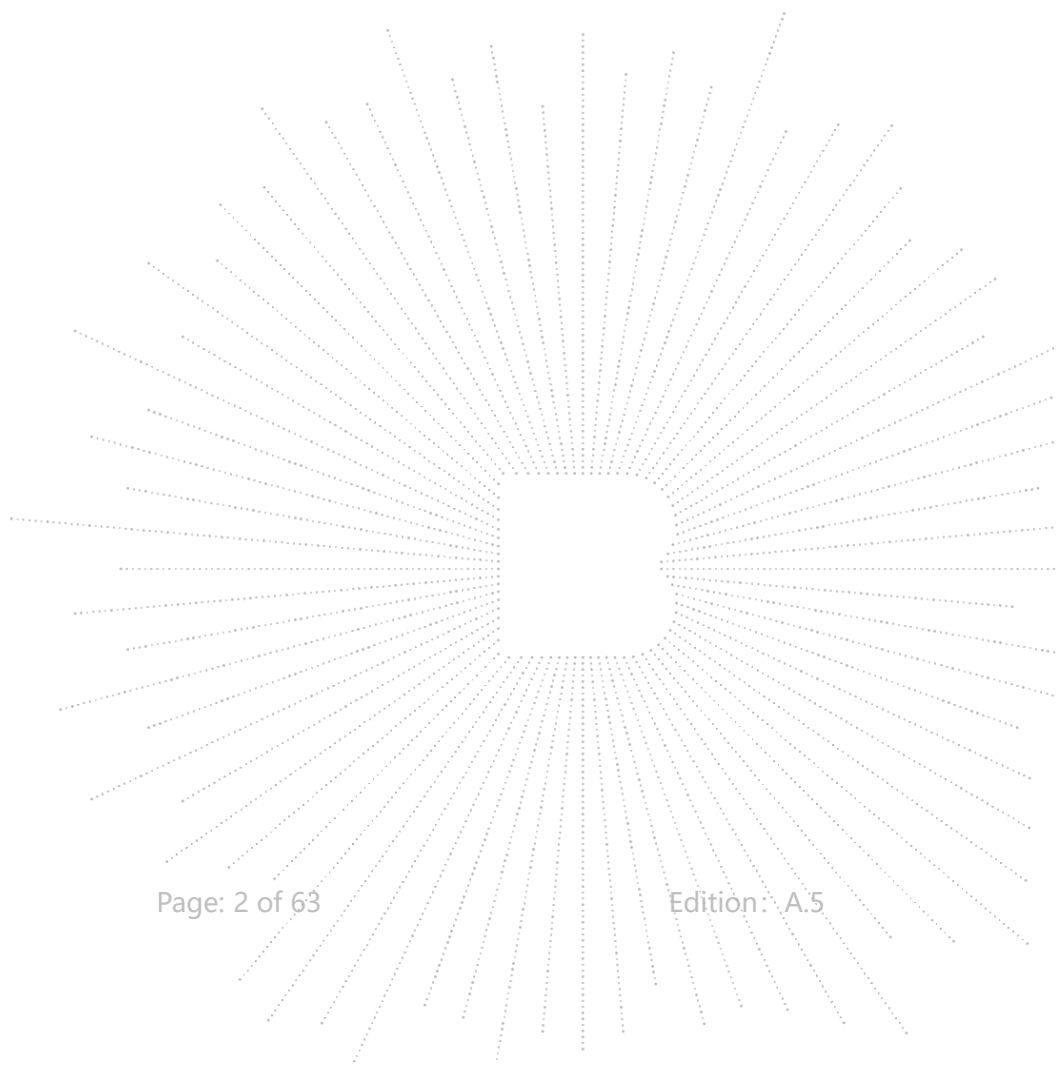
Issued Date: 2023-05-15



Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band41(2555-2655)	5	40265	1	#0	QPSK	21.65	-2.13	19.52	PASS
Band41(2555-2655)	5	40265	1	#Mid	QPSK	21.74	-2.13	19.61	PASS
Band41(2555-2655)	5	40265	1	#Max	QPSK	21.62	-2.13	19.49	PASS
Band41(2555-2655)	5	40265	12	#0	QPSK	20.65	-2.13	18.52	PASS
Band41(2555-2655)	5	40265	12	#Mid	QPSK	20.72	-2.13	18.59	PASS
Band41(2555-2655)	5	40265	12	#Max	QPSK	20.64	-2.13	18.51	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	20.73	-2.13	18.60	PASS
Band41(2555-2655)	5	40265	1	#0	16QAM	20.50	-2.13	18.37	PASS
Band41(2555-2655)	5	40265	1	#Mid	16QAM	20.44	-2.13	18.31	PASS
Band41(2555-2655)	5	40265	1	#Max	16QAM	20.41	-2.13	18.28	PASS
Band41(2555-2655)	5	40265	12	#0	16QAM	19.85	-2.13	17.72	PASS
Band41(2555-2655)	5	40265	12	#Mid	16QAM	19.77	-2.13	17.64	PASS
Band41(2555-2655)	5	40265	12	#Max	16QAM	19.72	-2.13	17.59	PASS
Band41(2555-2655)	5	40265	25	#0	16QAM	20.03	-2.13	17.90	PASS
Band41(2555-2655)	5	40740	1	#0	QPSK	21.27	-2.13	19.14	PASS
Band41(2555-2655)	5	40740	1	#Mid	QPSK	21.28	-2.13	19.15	PASS
Band41(2555-2655)	5	40740	1	#Max	QPSK	21.24	-2.13	19.11	PASS
Band41(2555-2655)	5	40740	12	#0	QPSK	20.50	-2.13	18.37	PASS
Band41(2555-2655)	5	40740	12	#Mid	QPSK	20.45	-2.13	18.32	PASS
Band41(2555-2655)	5	40740	12	#Max	QPSK	20.51	-2.13	18.38	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	20.43	-2.13	18.30	PASS
Band41(2555-2655)	5	40740	1	#0	16QAM	21.17	-2.13	19.04	PASS
Band41(2555-2655)	5	40740	1	#Mid	16QAM	21.00	-2.13	18.87	PASS
Band41(2555-2655)	5	40740	1	#Max	16QAM	21.07	-2.13	18.94	PASS
Band41(2555-2655)	5	40740	12	#0	16QAM	19.74	-2.13	17.61	PASS
Band41(2555-2655)	5	40740	12	#Mid	16QAM	19.64	-2.13	17.51	PASS
Band41(2555-2655)	5	40740	12	#Max	16QAM	19.59	-2.13	17.46	PASS
Band41(2555-2655)	5	40740	25	#0	16QAM	19.74	-2.13	17.61	PASS
Band41(2555-2655)	5	41215	1	#0	QPSK	20.77	-2.13	18.64	PASS
Band41(2555-2655)	5	41215	1	#Mid	QPSK	20.90	-2.13	18.77	PASS
Band41(2555-2655)	5	41215	1	#Max	QPSK	20.19	-2.13	18.06	PASS
Band41(2555-2655)	5	41215	12	#0	QPSK	20.57	-2.13	18.44	PASS
Band41(2555-2655)	5	41215	12	#Mid	QPSK	20.55	-2.13	18.42	PASS
Band41(2555-2655)	5	41215	12	#Max	QPSK	20.58	-2.13	18.45	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	20.60	-2.13	18.47	PASS
Band41(2555-2655)	5	41215	1	#0	16QAM	20.22	-2.13	18.09	PASS
Band41(2555-2655)	5	41215	1	#Mid	16QAM	20.20	-2.13	18.07	PASS
Band41(2555-2655)	5	41215	1	#Max	16QAM	20.30	-2.13	18.17	PASS

Band41(2555-2655)	5	41215	12	#0	16QAM	19.67	-2.13	17.54	PASS
Band41(2555-2655)	5	41215	12	#Mid	16QAM	19.66	-2.13	17.53	PASS
Band41(2555-2655)	5	41215	12	#Max	16QAM	19.68	-2.13	17.55	PASS
Band41(2555-2655)	5	41215	25	#0	16QAM	19.87	-2.13	17.74	PASS
Band41(2555-2655)	10	40290	1	#0	QPSK	21.81	-2.13	19.68	PASS
Band41(2555-2655)	10	40290	1	#Mid	QPSK	21.73	-2.13	19.60	PASS
Band41(2555-2655)	10	40290	1	#Max	QPSK	21.76	-2.13	19.63	PASS
Band41(2555-2655)	10	40290	25	#0	QPSK	20.83	-2.13	18.70	PASS
Band41(2555-2655)	10	40290	25	#Mid	QPSK	20.72	-2.13	18.59	PASS
Band41(2555-2655)	10	40290	25	#Max	QPSK	20.77	-2.13	18.64	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	20.72	-2.13	18.59	PASS
Band41(2555-2655)	10	40290	1	#0	16QAM	21.93	-2.13	19.80	PASS
Band41(2555-2655)	10	40290	1	#Mid	16QAM	21.92	-2.13	19.79	PASS
Band41(2555-2655)	10	40290	1	#Max	16QAM	21.79	-2.13	19.66	PASS
Band41(2555-2655)	10	40290	25	#0	16QAM	20.20	-2.13	18.07	PASS
Band41(2555-2655)	10	40290	25	#Mid	16QAM	20.13	-2.13	18.00	PASS
Band41(2555-2655)	10	40290	25	#Max	16QAM	20.18	-2.13	18.05	PASS
Band41(2555-2655)	10	40290	50	#0	16QAM	19.88	-2.13	17.75	PASS
Band41(2555-2655)	10	40740	1	#0	QPSK	21.58	-2.13	19.45	PASS
Band41(2555-2655)	10	40740	1	#Mid	QPSK	21.62	-2.13	19.49	PASS
Band41(2555-2655)	10	40740	1	#Max	QPSK	21.54	-2.13	19.41	PASS
Band41(2555-2655)	10	40740	25	#0	QPSK	20.63	-2.13	18.50	PASS
Band41(2555-2655)	10	40740	25	#Mid	QPSK	20.61	-2.13	18.48	PASS
Band41(2555-2655)	10	40740	25	#Max	QPSK	20.60	-2.13	18.47	PASS
Band41(2555-2655)	10	40740	50	#0	QPSK	20.60	-2.13	18.47	PASS
Band41(2555-2655)	10	40740	1	#0	16QAM	20.08	-2.13	17.95	PASS
Band41(2555-2655)	10	40740	1	#Mid	16QAM	19.94	-2.13	17.81	PASS
Band41(2555-2655)	10	40740	1	#Max	16QAM	20.00	-2.13	17.87	PASS
Band41(2555-2655)	10	40740	25	#0	16QAM	19.72	-2.13	17.59	PASS
Band41(2555-2655)	10	40740	25	#Mid	16QAM	19.70	-2.13	17.57	PASS
Band41(2555-2655)	10	40740	25	#Max	16QAM	19.70	-2.13	17.57	PASS
Band41(2555-2655)	10	40740	50	#0	16QAM	19.86	-2.13	17.73	PASS
Band41(2555-2655)	10	41190	1	#0	QPSK	21.37	-2.13	19.24	PASS
Band41(2555-2655)	10	41190	1	#Mid	QPSK	21.16	-2.13	19.03	PASS
Band41(2555-2655)	10	41190	1	#Max	QPSK	20.66	-2.13	18.53	PASS
Band41(2555-2655)	10	41190	25	#0	QPSK	20.64	-2.13	18.51	PASS
Band41(2555-2655)	10	41190	25	#Mid	QPSK	20.57	-2.13	18.44	PASS
Band41(2555-2655)	10	41190	25	#Max	QPSK	20.57	-2.13	18.44	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	20.62	-2.13	18.49	PASS
Band41(2555-2655)	10	41190	1	#0	16QAM	21.64	-2.13	19.51	PASS
Band41(2555-2655)	10	41190	1	#Mid	16QAM	21.37	-2.13	19.24	PASS
Band41(2555-2655)	10	41190	1	#Max	16QAM	20.91	-2.13	18.78	PASS
Band41(2555-2655)	10	41190	25	#0	16QAM	19.99	-2.13	17.86	PASS

Band41(2555-2655)	10	41190	25	#Mid	16QAM	19.95	-2.13	17.82	PASS
Band41(2555-2655)	10	41190	25	#Max	16QAM	19.94	-2.13	17.81	PASS
Band41(2555-2655)	10	41190	50	#0	16QAM	19.77	-2.13	17.64	PASS
Band41(2555-2655)	15	40315	1	#0	QPSK	21.57	-2.13	19.44	PASS
Band41(2555-2655)	15	40315	1	#Mid	QPSK	21.54	-2.13	19.41	PASS
Band41(2555-2655)	15	40315	1	#Max	QPSK	21.52	-2.13	19.39	PASS
Band41(2555-2655)	15	40315	36	#0	QPSK	20.74	-2.13	18.61	PASS
Band41(2555-2655)	15	40315	36	#Mid	QPSK	20.63	-2.13	18.50	PASS
Band41(2555-2655)	15	40315	36	#Max	QPSK	20.57	-2.13	18.44	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	20.64	-2.13	18.51	PASS
Band41(2555-2655)	15	40315	1	#0	16QAM	21.11	-2.13	18.98	PASS
Band41(2555-2655)	15	40315	1	#Mid	16QAM	20.92	-2.13	18.79	PASS
Band41(2555-2655)	15	40315	1	#Max	16QAM	21.02	-2.13	18.89	PASS
Band41(2555-2655)	15	40315	36	#0	16QAM	19.85	-2.13	17.72	PASS
Band41(2555-2655)	15	40315	36	#Mid	16QAM	19.74	-2.13	17.61	PASS
Band41(2555-2655)	15	40315	36	#Max	16QAM	19.81	-2.13	17.68	PASS
Band41(2555-2655)	15	40315	75	#0	16QAM	19.91	-2.13	17.78	PASS
Band41(2555-2655)	15	40740	1	#0	QPSK	21.73	-2.13	19.60	PASS
Band41(2555-2655)	15	40740	1	#Mid	QPSK	21.52	-2.13	19.39	PASS
Band41(2555-2655)	15	40740	1	#Max	QPSK	21.54	-2.13	19.41	PASS
Band41(2555-2655)	15	40740	36	#0	QPSK	20.55	-2.13	18.42	PASS
Band41(2555-2655)	15	40740	36	#Mid	QPSK	20.51	-2.13	18.38	PASS
Band41(2555-2655)	15	40740	36	#Max	QPSK	20.56	-2.13	18.43	PASS
Band41(2555-2655)	15	40740	75	#0	QPSK	20.55	-2.13	18.42	PASS
Band41(2555-2655)	15	40740	1	#0	16QAM	21.91	-2.13	19.78	PASS
Band41(2555-2655)	15	40740	1	#Mid	16QAM	21.70	-2.13	19.57	PASS
Band41(2555-2655)	15	40740	1	#Max	16QAM	21.67	-2.13	19.54	PASS
Band41(2555-2655)	15	40740	36	#0	16QAM	19.87	-2.13	17.74	PASS
Band41(2555-2655)	15	40740	36	#Mid	16QAM	19.78	-2.13	17.65	PASS
Band41(2555-2655)	15	40740	36	#Max	16QAM	19.82	-2.13	17.69	PASS
Band41(2555-2655)	15	40740	75	#0	16QAM	19.84	-2.13	17.71	PASS
Band41(2555-2655)	15	41165	1	#0	QPSK	21.79	-2.13	19.66	PASS
Band41(2555-2655)	15	41165	1	#Mid	QPSK	21.35	-2.13	19.22	PASS
Band41(2555-2655)	15	41165	1	#Max	QPSK	20.25	-2.13	18.12	PASS
Band41(2555-2655)	15	41165	36	#0	QPSK	20.72	-2.13	18.59	PASS
Band41(2555-2655)	15	41165	36	#Mid	QPSK	20.51	-2.13	18.38	PASS
Band41(2555-2655)	15	41165	36	#Max	QPSK	20.54	-2.13	18.41	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	20.56	-2.13	18.43	PASS
Band41(2555-2655)	15	41165	1	#0	16QAM	20.32	-2.13	18.19	PASS
Band41(2555-2655)	15	41165	1	#Mid	16QAM	20.13	-2.13	18.00	PASS
Band41(2555-2655)	15	41165	1	#Max	16QAM	20.15	-2.13	18.02	PASS
Band41(2555-2655)	15	41165	36	#0	16QAM	20.01	-2.13	17.88	PASS
Band41(2555-2655)	15	41165	36	#Mid	16QAM	19.92	-2.13	17.79	PASS

Band41(2555-2655)	15	41165	36	#Max	16QAM	19.83	-2.13	17.70	PASS
Band41(2555-2655)	15	41165	75	#0	16QAM	19.84	-2.13	17.71	PASS
Band41(2555-2655)	20	40340	1	#0	QPSK	21.43	-2.13	19.30	PASS
Band41(2555-2655)	20	40340	1	#Mid	QPSK	21.41	-2.13	19.28	PASS
Band41(2555-2655)	20	40340	1	#Max	QPSK	21.44	-2.13	19.31	PASS
Band41(2555-2655)	20	40340	50	#0	QPSK	20.58	-2.13	18.45	PASS
Band41(2555-2655)	20	40340	50	#Mid	QPSK	20.60	-2.13	18.47	PASS
Band41(2555-2655)	20	40340	50	#Max	QPSK	20.74	-2.13	18.61	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	20.65	-2.13	18.52	PASS
Band41(2555-2655)	20	40340	1	#0	16QAM	20.87	-2.13	18.74	PASS
Band41(2555-2655)	20	40340	1	#Mid	16QAM	20.76	-2.13	18.63	PASS
Band41(2555-2655)	20	40340	1	#Max	16QAM	21.04	-2.13	18.91	PASS
Band41(2555-2655)	20	40340	50	#0	16QAM	20.01	-2.13	17.88	PASS
Band41(2555-2655)	20	40340	50	#Mid	16QAM	20.02	-2.13	17.89	PASS
Band41(2555-2655)	20	40340	50	#Max	16QAM	20.07	-2.13	17.94	PASS
Band41(2555-2655)	20	40340	100	#0	16QAM	19.90	-2.13	17.77	PASS
Band41(2555-2655)	20	40740	1	#0	QPSK	21.67	-2.13	19.54	PASS
Band41(2555-2655)	20	40740	1	#Mid	QPSK	21.48	-2.13	19.35	PASS
Band41(2555-2655)	20	40740	1	#Max	QPSK	21.52	-2.13	19.39	PASS
Band41(2555-2655)	20	40740	50	#0	QPSK	20.51	-2.13	18.38	PASS
Band41(2555-2655)	20	40740	50	#Mid	QPSK	20.56	-2.13	18.43	PASS
Band41(2555-2655)	20	40740	50	#Max	QPSK	20.55	-2.13	18.42	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	21.91	-2.13	19.78	PASS
Band41(2555-2655)	20	40740	1	#0	16QAM	21.70	-2.13	19.57	PASS
Band41(2555-2655)	20	40740	1	#Mid	16QAM	21.67	-2.13	19.54	PASS
Band41(2555-2655)	20	40740	1	#Max	16QAM	19.87	-2.13	17.74	PASS
Band41(2555-2655)	20	40740	50	#0	16QAM	19.78	-2.13	17.65	PASS
Band41(2555-2655)	20	40740	50	#Mid	16QAM	19.88	-2.13	17.75	PASS
Band41(2555-2655)	20	40740	50	#Max	16QAM	19.82	-2.13	17.69	PASS
Band41(2555-2655)	20	40740	100	#0	16QAM	19.78	-2.13	17.65	PASS
Band41(2555-2655)	20	41140	1	#0	QPSK	21.46	-2.13	19.33	PASS
Band41(2555-2655)	20	41140	1	#Mid	QPSK	21.67	-2.13	19.54	PASS
Band41(2555-2655)	20	41140	1	#Max	QPSK	21.01	-2.13	18.88	PASS
Band41(2555-2655)	20	41140	50	#0	QPSK	20.65	-2.13	18.52	PASS
Band41(2555-2655)	20	41140	50	#Mid	QPSK	20.61	-2.13	18.48	PASS
Band41(2555-2655)	20	41140	50	#Max	QPSK	20.57	-2.13	18.44	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	20.71	-2.13	18.58	PASS
Band41(2555-2655)	20	41140	1	#0	16QAM	21.28	-2.13	19.15	PASS
Band41(2555-2655)	20	41140	1	#Mid	16QAM	20.32	-2.13	18.19	PASS
Band41(2555-2655)	20	41140	1	#Max	16QAM	20.18	-2.13	18.05	PASS
Band41(2555-2655)	20	41140	50	#0	16QAM	20.07	-2.13	17.94	PASS
Band41(2555-2655)	20	41140	50	#Mid	16QAM	19.91	-2.13	17.78	PASS
Band41(2555-2655)	20	41140	50	#Max	16QAM	19.97	-2.13	17.84	PASS

Band41(2555-2655)	20	41140	100	#0	16QAM	19.99	-2.13	17.86	PASS
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Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Residual (Hz)	Residual (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
Band41(2555-2655)	5	40265	25	#0	QPSK	LV	NT	17.32	0.007	-2.5	2.5	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	NV	NT	16.57	0.006	-2.5	2.5	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	HV	NT	14.48	0.006	-2.5	2.5	PASS
Band41(2555-2655)	5	40265	25	#0	16QAM	LV	NT	13.60	0.005	-2.5	2.5	PASS
Band41(2555-2655)	5	40265	25	#0	16QAM	NV	NT	13.35	0.005	-2.5	2.5	PASS
Band41(2555-2655)	5	40265	25	#0	16QAM	HV	NT	13.75	0.005	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	LV	NT	5.24	0.002	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	NV	NT	5.15	0.002	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	HV	NT	4.53	0.002	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	16QAM	LV	NT	4.66	0.002	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	16QAM	NV	NT	5.65	0.002	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	16QAM	HV	NT	6.37	0.002	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	LV	NT	11.07	0.004	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	NV	NT	10.21	0.004	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	HV	NT	11.06	0.004	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	16QAM	LV	NT	12.06	0.005	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	16QAM	NV	NT	11.92	0.004	-2.5	2.5	PASS

Band41(2555-2655)	5	41215	25	#0	16QAM	HV	NT	12.49	0.005	-2.5	2.5	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	LV	NT	-2.10	-0.001	-2.5	2.5	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	NV	NT	-3.56	-0.001	-2.5	2.5	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	HV	NT	-5.82	-0.002	-2.5	2.5	PASS
Band41(2555-2655)	10	40290	50	#0	16QAM	LV	NT	-7.54	-0.003	-2.5	2.5	PASS
Band41(2555-2655)	10	40290	50	#0	16QAM	NV	NT	-7.72	-0.003	-2.5	2.5	PASS
Band41(2555-2655)	10	40290	50	#0	16QAM	HV	NT	-7.24	-0.003	-2.5	2.5	PASS
Band41(2555-2655)	10	40740	50	#0	QPSK	LV	NT	12.07	0.005	-2.5	2.5	PASS
Band41(2555-2655)	10	40740	50	#0	QPSK	NV	NT	11.59	0.004	-2.5	2.5	PASS
Band41(2555-2655)	10	40740	50	#0	QPSK	HV	NT	11.66	0.004	-2.5	2.5	PASS
Band41(2555-2655)	10	40740	50	#0	16QAM	LV	NT	12.03	0.005	-2.5	2.5	PASS
Band41(2555-2655)	10	40740	50	#0	16QAM	NV	NT	12.97	0.005	-2.5	2.5	PASS
Band41(2555-2655)	10	40740	50	#0	16QAM	HV	NT	13.58	0.005	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	LV	NT	17.85	0.007	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	NV	NT	18.02	0.007	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	HV	NT	19.61	0.007	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	16QAM	LV	NT	20.24	0.008	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	16QAM	NV	NT	20.96	0.008	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	16QAM	HV	NT	22.27	0.008	-2.5	2.5	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	LV	NT	9.57	0.004	-2.5	2.5	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	NV	NT	8.61	0.003	-2.5	2.5	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	HV	NT	8.35	0.00	-2.5	2.5	PASS

55)									3			
Band41(2555-26 55)	15	40315	75	#0	16QAM	LV	NT	8.48	0.00	-2.5	2.5	PASS
55)									3			
Band41(2555-26 55)	15	40315	75	#0	16QAM	NV	NT	6.91	0.00	-2.5	2.5	PASS
55)									3			
Band41(2555-26 55)	15	40315	75	#0	16QAM	HV	NT	7.57	0.00	-2.5	2.5	PASS
55)									3			
Band41(2555-26 55)	15	40740	75	#0	QPSK	LV	NT	15.0	0.00	-2.5	2.5	PASS
55)								9	6			
Band41(2555-26 55)	15	40740	75	#0	QPSK	NV	NT	15.1	0.00	-2.5	2.5	PASS
55)								8	6			
Band41(2555-26 55)	15	40740	75	#0	QPSK	HV	NT	14.7	0.00	-2.5	2.5	PASS
55)								5	6			
Band41(2555-26 55)	15	40740	75	#0	16QAM	LV	NT	15.6	0.00	-2.5	2.5	PASS
55)								1	6			
Band41(2555-26 55)	15	40740	75	#0	16QAM	NV	NT	16.2	0.00	-2.5	2.5	PASS
55)								5	6			
Band41(2555-26 55)	15	40740	75	#0	16QAM	HV	NT	16.7	0.00	-2.5	2.5	PASS
55)								2	6			
Band41(2555-26 55)	15	41165	75	#0	QPSK	LV	NT	0.03	0.00	-2.5	2.5	PASS
55)									0			
Band41(2555-26 55)	15	41165	75	#0	QPSK	NV	NT	-0.93	0.00	-2.5	2.5	PASS
55)									0			
Band41(2555-26 55)	15	41165	75	#0	QPSK	HV	NT	-1.52	-0.00	-2.5	2.5	PASS
55)									1			
Band41(2555-26 55)	15	41165	75	#0	16QAM	LV	NT	0.04	0.00	-2.5	2.5	PASS
55)									0			
Band41(2555-26 55)	15	41165	75	#0	16QAM	NV	NT	3.18	0.00	-2.5	2.5	PASS
55)									1			
Band41(2555-26 55)	15	41165	75	#0	16QAM	HV	NT	3.35	0.00	-2.5	2.5	PASS
55)									1			
Band41(2555-26 55)	20	40340	100	#0	QPSK	LV	NT	10.1	0.00	-2.5	2.5	PASS
55)								3	4			
Band41(2555-26 55)	20	40340	100	#0	QPSK	NV	NT	9.16	0.00	-2.5	2.5	PASS
55)									4			
Band41(2555-26 55)	20	40340	100	#0	QPSK	HV	NT	6.17	0.00	-2.5	2.5	PASS
55)									2			
Band41(2555-26 55)	20	40340	100	#0	16QAM	LV	NT	5.09	0.00	-2.5	2.5	PASS
55)									2			
Band41(2555-26 55)	20	40340	100	#0	16QAM	NV	NT	6.04	0.00	-2.5	2.5	PASS
55)									2			
Band41(2555-26 55)	20	40340	100	#0	16QAM	HV	NT	6.41	0.00	-2.5	2.5	PASS
55)									2			

Band41(2555-2655)	20	40740	100	#0	QPSK	LV	NT	16.69	0.006	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	NT	15.58	0.006	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	HV	NT	15.75	0.006	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	16QAM	LV	NT	15.59	0.006	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	16QAM	NV	NT	17.62	0.007	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	16QAM	HV	NT	16.51	0.006	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	LV	NT	2.75	0.001	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	NT	2.73	0.001	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	HV	NT	2.10	0.001	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	16QAM	LV	NT	3.69	0.001	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	16QAM	NV	NT	5.15	0.002	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	16QAM	HV	NT	6.15	0.002	-2.5	2.5	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
Band41(2555-2655)	5	40265	25	#0	QPSK	NV	-30	17.87	0.007	-2.5	2.5	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	NV	-20	20.51	0.008	-2.5	2.5	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	NV	0	24.46	0.010	-2.5	2.5	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	NV	10	29.45	0.012	-2.5	2.5	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	NV	20	32.86	0.013	-2.5	2.5	PASS
Band41(2555-2655)	5	40265	25	#0	16QAM	NV	-30	39.70	0.016	-2.5	2.5	PASS
Band41(2555-2655)	5	40265	25	#0	16QAM	NV	-20	43.95	0.017	-2.5	2.5	PASS

Band41(2555-2655)	5	40265	25	#0	16QAM	NV	0	48.25	0.019	-2.5	2.5	PASS
Band41(2555-2655)	5	40265	25	#0	16QAM	NV	10	3.20	0.001	-2.5	2.5	PASS
Band41(2555-2655)	5	40265	25	#0	16QAM	NV	20	8.57	0.003	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	NV	-30	-18.54	-0.007	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	NV	-20	-14.05	-0.005	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	NV	0	-11.69	-0.004	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	NV	10	-7.51	-0.003	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	NV	20	-2.35	-0.001	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	16QAM	NV	-30	1.63	0.001	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	16QAM	NV	-20	5.91	0.002	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	16QAM	NV	0	8.78	0.003	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	16QAM	NV	10	13.49	0.005	-2.5	2.5	PASS
Band41(2555-2655)	5	40740	25	#0	16QAM	NV	20	16.38	0.006	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	NV	-30	-12.73	-0.005	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	NV	-20	-9.70	-0.004	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	NV	0	-5.09	-0.002	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	NV	10	-2.10	-0.001	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	NV	20	2.43	0.001	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	16QAM	NV	-30	5.02	0.002	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	16QAM	NV	-20	10.40	0.004	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	16QAM	NV	0	14.26	0.005	-2.5	2.5	PASS
Band41(2555-2655)	5	41215	25	#0	16QAM	NV	10	17.5	0.00	-2.5	2.5	PASS

55)								7	7			
Band41(2555-26 55)	5	41215	25	#0	16QAM	NV	20	20.8 3	0.00 8	-2.5	2.5	PASS
Band41(2555-26 55)	10	40290	50	#0	QPSK	NV	-30	5.29	0.00 2	-2.5	2.5	PASS
Band41(2555-26 55)	10	40290	50	#0	QPSK	NV	-20	4.96	0.00 2	-2.5	2.5	PASS
Band41(2555-26 55)	10	40290	50	#0	QPSK	NV	0	5.49	0.00 2	-2.5	2.5	PASS
Band41(2555-26 55)	10	40290	50	#0	QPSK	NV	10	4.94	0.00 2	-2.5	2.5	PASS
Band41(2555-26 55)	10	40290	50	#0	QPSK	NV	20	5.56	0.00 2	-2.5	2.5	PASS
Band41(2555-26 55)	10	40290	50	#0	16QAM	NV	-30	8.15	0.00 3	-2.5	2.5	PASS
Band41(2555-26 55)	10	40290	50	#0	16QAM	NV	-20	9.74	0.00 4	-2.5	2.5	PASS
Band41(2555-26 55)	10	40290	50	#0	16QAM	NV	0	11.26	0.00 4	-2.5	2.5	PASS
Band41(2555-26 55)	10	40290	50	#0	16QAM	NV	10	14.3 6	0.00 6	-2.5	2.5	PASS
Band41(2555-26 55)	10	40290	50	#0	16QAM	NV	20	15.3 4	0.00 6	-2.5	2.5	PASS
Band41(2555-26 55)	10	40740	50	#0	QPSK	NV	-30	-14.9 9	-0.00 6	-2.5	2.5	PASS
Band41(2555-26 55)	10	40740	50	#0	QPSK	NV	-20	-13.3 0	-0.00 5	-2.5	2.5	PASS
Band41(2555-26 55)	10	40740	50	#0	QPSK	NV	0	-12.9 6	-0.00 5	-2.5	2.5	PASS
Band41(2555-26 55)	10	40740	50	#0	QPSK	NV	10	-10.1 4	-0.00 4	-2.5	2.5	PASS
Band41(2555-26 55)	10	40740	50	#0	QPSK	NV	20	-8.15	-0.00 3	-2.5	2.5	PASS
Band41(2555-26 55)	10	40740	50	#0	16QAM	NV	-30	-5.41	-0.00 2	-2.5	2.5	PASS
Band41(2555-26 55)	10	40740	50	#0	16QAM	NV	-20	-1.96	-0.00 1	-2.5	2.5	PASS
Band41(2555-26 55)	10	40740	50	#0	16QAM	NV	0	-0.97	0.00 0	-2.5	2.5	PASS
Band41(2555-26 55)	10	40740	50	#0	16QAM	NV	10	1.93	0.00 1	-2.5	2.5	PASS
Band41(2555-26 55)	10	40740	50	#0	16QAM	NV	20	3.40	0.00 1	-2.5	2.5	PASS

Band41(2555-2655)	10	41190	50	#0	QPSK	NV	-30	-14.26	-0.005	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	NV	-20	-12.32	-0.005	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	NV	0	-10.49	-0.004	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	NV	10	-7.78	-0.003	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	NV	20	-5.39	-0.002	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	16QAM	NV	-30	-1.72	-0.001	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	16QAM	NV	-20	1.54	0.001	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	16QAM	NV	0	3.68	0.001	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	16QAM	NV	10	5.89	0.002	-2.5	2.5	PASS
Band41(2555-2655)	10	41190	50	#0	16QAM	NV	20	8.98	0.003	-2.5	2.5	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	NV	-30	11.94	0.005	-2.5	2.5	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	NV	-20	9.13	0.004	-2.5	2.5	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	NV	0	7.81	0.003	-2.5	2.5	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	NV	10	6.79	0.003	-2.5	2.5	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	NV	20	7.05	0.003	-2.5	2.5	PASS
Band41(2555-2655)	15	40315	75	#0	16QAM	NV	-30	8.24	0.003	-2.5	2.5	PASS
Band41(2555-2655)	15	40315	75	#0	16QAM	NV	-20	10.19	0.004	-2.5	2.5	PASS
Band41(2555-2655)	15	40315	75	#0	16QAM	NV	0	11.93	0.005	-2.5	2.5	PASS
Band41(2555-2655)	15	40315	75	#0	16QAM	NV	10	13.03	0.005	-2.5	2.5	PASS
Band41(2555-2655)	15	40315	75	#0	16QAM	NV	20	14.55	0.006	-2.5	2.5	PASS
Band41(2555-2655)	15	40740	75	#0	QPSK	NV	-30	-0.82	0.000	-2.5	2.5	PASS
Band41(2555-2655)	15	40740	75	#0	QPSK	NV	-20	-1.07	0.000	-2.5	2.5	PASS

55)								0				
Band41(2555-26 55)	15	40740	75	#0	QPSK	NV	0	-0.10	0.00	-2.5	2.5	PASS
55)								0				
Band41(2555-26 55)	15	40740	75	#0	QPSK	NV	10	3.29	0.00	-2.5	2.5	PASS
55)								1				
Band41(2555-26 55)	15	40740	75	#0	QPSK	NV	20	3.88	0.00	-2.5	2.5	PASS
55)								1				
Band41(2555-26 55)	15	40740	75	#0	16QAM	NV	-30	7.15	0.00	-2.5	2.5	PASS
55)								3				
Band41(2555-26 55)	15	40740	75	#0	16QAM	NV	-20	7.32	0.00	-2.5	2.5	PASS
55)								3				
Band41(2555-26 55)	15	40740	75	#0	16QAM	NV	0	9.81	0.00	-2.5	2.5	PASS
55)								4				
Band41(2555-26 55)	15	40740	75	#0	16QAM	NV	10	10.5	0.00	-2.5	2.5	PASS
55)								9	4			
Band41(2555-26 55)	15	40740	75	#0	16QAM	NV	20	11.67	0.00	-2.5	2.5	PASS
55)								4				
Band41(2555-26 55)	15	41165	75	#0	QPSK	NV	-30	7.05	0.00	-2.5	2.5	PASS
55)								3				
Band41(2555-26 55)	15	41165	75	#0	QPSK	NV	-20	10.4	0.00	-2.5	2.5	PASS
55)								4	4			
Band41(2555-26 55)	15	41165	75	#0	QPSK	NV	0	11.83	0.00	-2.5	2.5	PASS
55)								4				
Band41(2555-26 55)	15	41165	75	#0	QPSK	NV	10	14.0	0.00	-2.5	2.5	PASS
55)								6	5			
Band41(2555-26 55)	15	41165	75	#0	QPSK	NV	20	17.2	0.00	-2.5	2.5	PASS
55)								7	7			
Band41(2555-26 55)	15	41165	75	#0	16QAM	NV	-30	20.2	0.00	-2.5	2.5	PASS
55)								4	8			
Band41(2555-26 55)	15	41165	75	#0	16QAM	NV	-20	22.8	0.00	-2.5	2.5	PASS
55)								2	9			
Band41(2555-26 55)	15	41165	75	#0	16QAM	NV	0	25.2	0.01	-2.5	2.5	PASS
55)								1	0			
Band41(2555-26 55)	15	41165	75	#0	16QAM	NV	10	27.4	0.01	-2.5	2.5	PASS
55)								7	0			
Band41(2555-26 55)	15	41165	75	#0	16QAM	NV	20	28.4	0.011	-2.5	2.5	PASS
55)								7				
Band41(2555-26 55)	20	40340	100	#0	QPSK	NV	-30	14.0	0.00	-2.5	2.5	PASS
55)								2	5			
Band41(2555-26 55)	20	40340	100	#0	QPSK	NV	-20	13.0	0.00	-2.5	2.5	PASS
55)								5	5			
Band41(2555-26 55)	20	40340	100	#0	QPSK	NV	0	11.10	0.00	-2.5	2.5	PASS
55)									4			

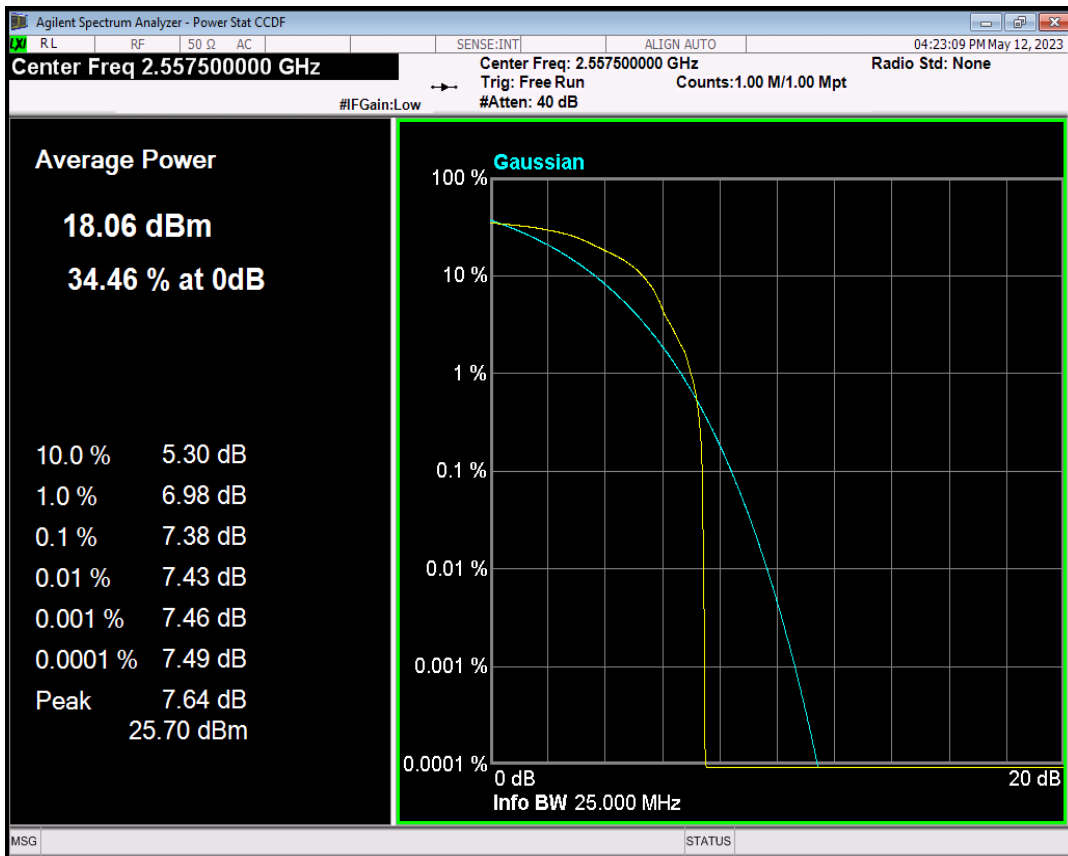
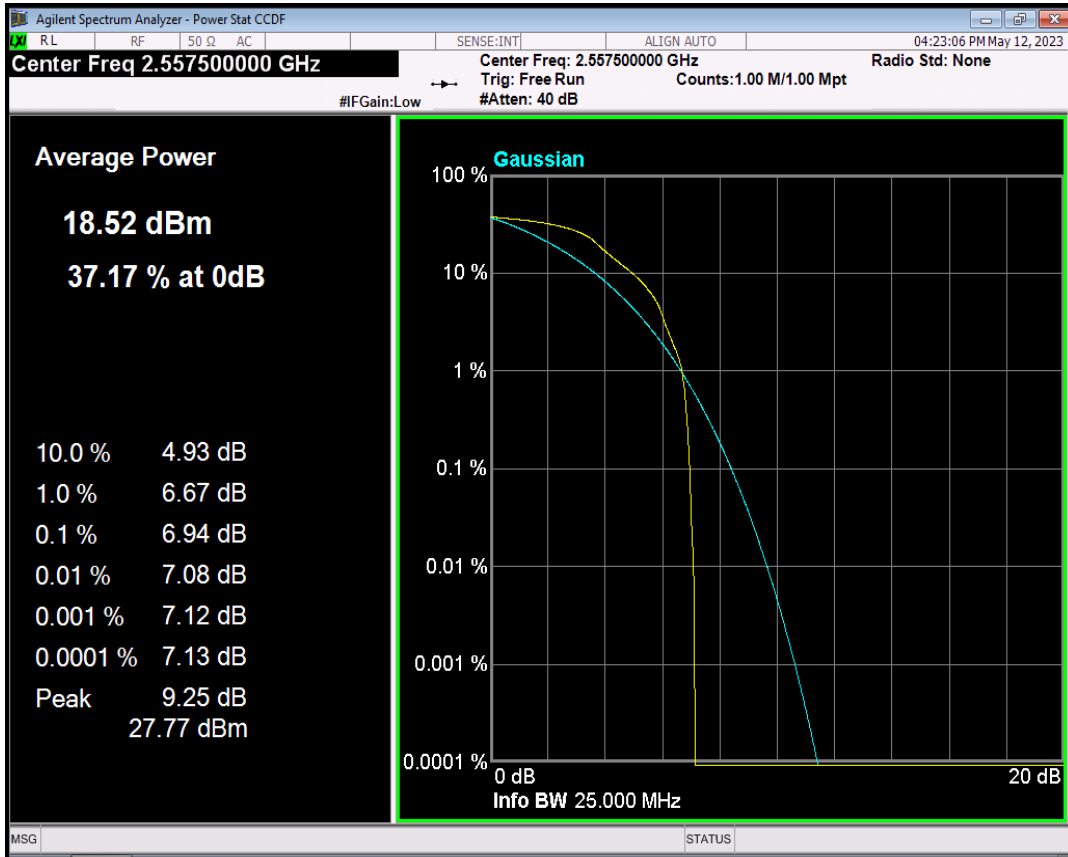
Band41(2555-2655)	20	40340	100	#0	QPSK	NV	10	9.24 4	0.00 4	-2.5	2.5	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	NV	20	10.9 4	0.00 4	-2.5	2.5	PASS
Band41(2555-2655)	20	40340	100	#0	16QAM	NV	-30	10.6 4	0.00 4	-2.5	2.5	PASS
Band41(2555-2655)	20	40340	100	#0	16QAM	NV	-20	10.5 9	0.00 4	-2.5	2.5	PASS
Band41(2555-2655)	20	40340	100	#0	16QAM	NV	0	10.9 7	0.00 4	-2.5	2.5	PASS
Band41(2555-2655)	20	40340	100	#0	16QAM	NV	10	11.86	0.00 5	-2.5	2.5	PASS
Band41(2555-2655)	20	40340	100	#0	16QAM	NV	20	10.1 7	0.00 4	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	-30	7.32	0.00 3	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	-20	5.94	0.00 2	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	0	7.20	0.00 3	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	10	7.48	0.00 3	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	NV	20	8.87	0.00 3	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	16QAM	NV	-30	8.53	0.00 3	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	16QAM	NV	-20	11.26	0.00 4	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	16QAM	NV	0	10.5 4	0.00 4	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	16QAM	NV	10	11.67	0.00 4	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	16QAM	NV	20	11.93	0.00 5	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	-30	9.37	0.00 4	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	-20	10.2 4	0.00 4	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	0	11.33	0.00 4	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	10	13.5 2	0.00 5	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	NV	20	15.8	0.00	-2.5	2.5	PASS

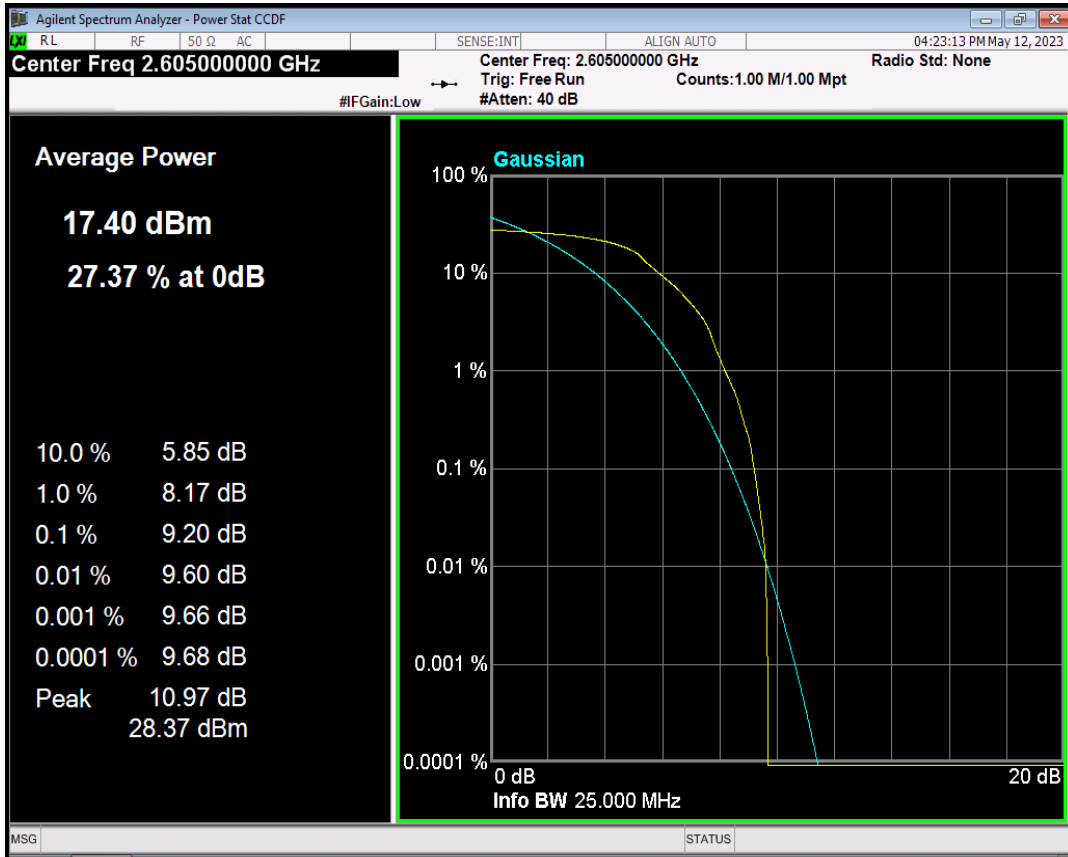
55)								4	6			
Band41(2555-2655)	20	41140	100	#0	16QAM	NV	-30	18.45	0.007	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	16QAM	NV	-20	21.09	0.008	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	16QAM	NV	0	21.51	0.008	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	16QAM	NV	10	22.76	0.009	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	16QAM	NV	20	24.08	0.009	-2.5	2.5	PASS

Appendix 3. Peak-to-Average Ratio

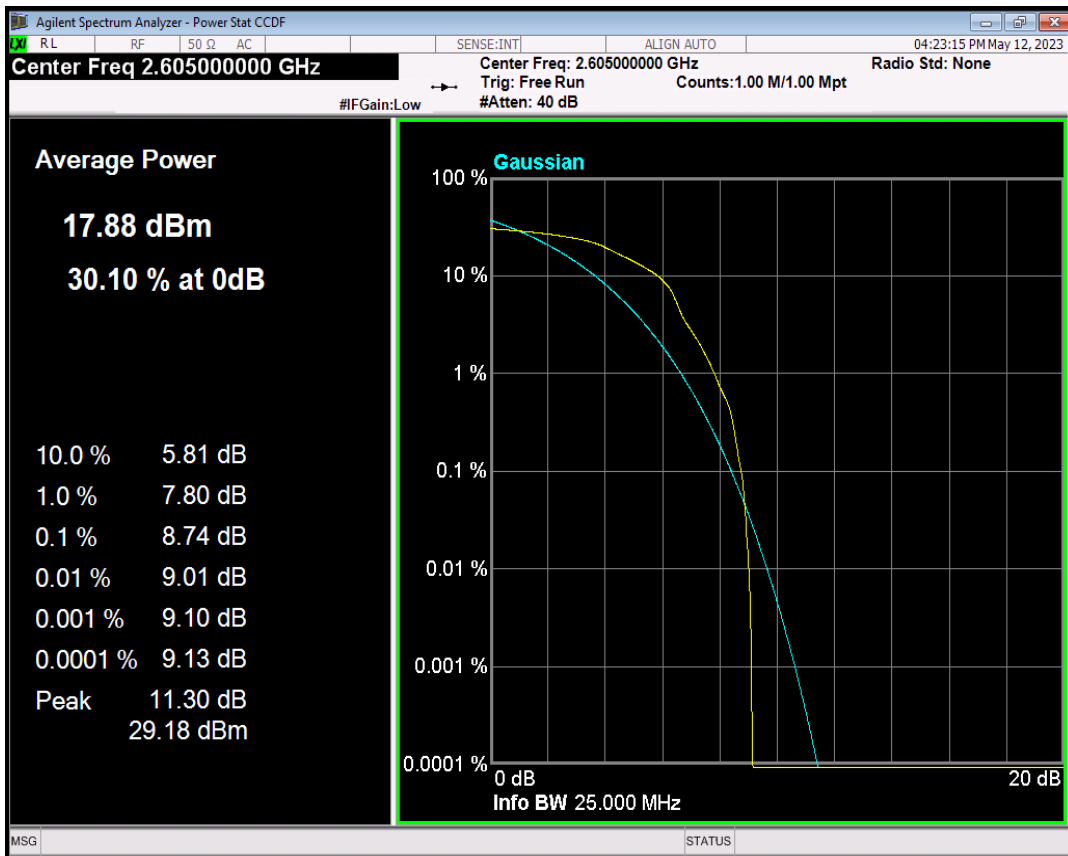
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band41(2555-2655)	5	40265	1	#0	QPSK	6.94	13	PASS
Band41(2555-2655)	5	40265	1	#0	16QAM	7.38	13	PASS
Band41(2555-2655)	5	40740	1	#0	QPSK	9.20	13	PASS
Band41(2555-2655)	5	40740	1	#0	16QAM	8.74	13	PASS
Band41(2555-2655)	5	41215	1	#0	QPSK	8.85	13	PASS
Band41(2555-2655)	5	41215	1	#0	16QAM	8.36	13	PASS
Band41(2555-2655)	10	40290	1	#0	QPSK	6.65	13	PASS
Band41(2555-2655)	10	40290	1	#0	16QAM	8.89	13	PASS
Band41(2555-2655)	10	40740	1	#0	QPSK	7.04	13	PASS
Band41(2555-2655)	10	40740	1	#0	16QAM	10.09	13	PASS
Band41(2555-2655)	10	41190	1	#0	QPSK	8.72	13	PASS
Band41(2555-2655)	10	41190	1	#0	16QAM	9.21	13	PASS
Band41(2555-2655)	15	40315	1	#0	QPSK	6.89	13	PASS
Band41(2555-2655)	15	40315	1	#0	16QAM	8.08	13	PASS
Band41(2555-2655)	15	40740	1	#0	QPSK	8.30	13	PASS
Band41(2555-2655)	15	40740	1	#0	16QAM	8.93	13	PASS
Band41(2555-2655)	15	41165	1	#0	QPSK	8.53	13	PASS
Band41(2555-2655)	15	41165	1	#0	16QAM	8.69	13	PASS
Band41(2555-2655)	20	40340	1	#0	QPSK	7.56	13	PASS
Band41(2555-2655)	20	40340	1	#0	16QAM	8.19	13	PASS
Band41(2555-2655)	20	40740	1	#0	QPSK	8.32	13	PASS
Band41(2555-2655)	20	40740	1	#0	16QAM	9.43	13	PASS
Band41(2555-2655)	20	41140	1	#0	QPSK	7.81	13	PASS
Band41(2555-2655)	20	41140	1	#0	16QAM	8.94	13	PASS

Band41(2555-2655) QPSK BW=5MHz Channel=40265 RB Size=1 Position=#0

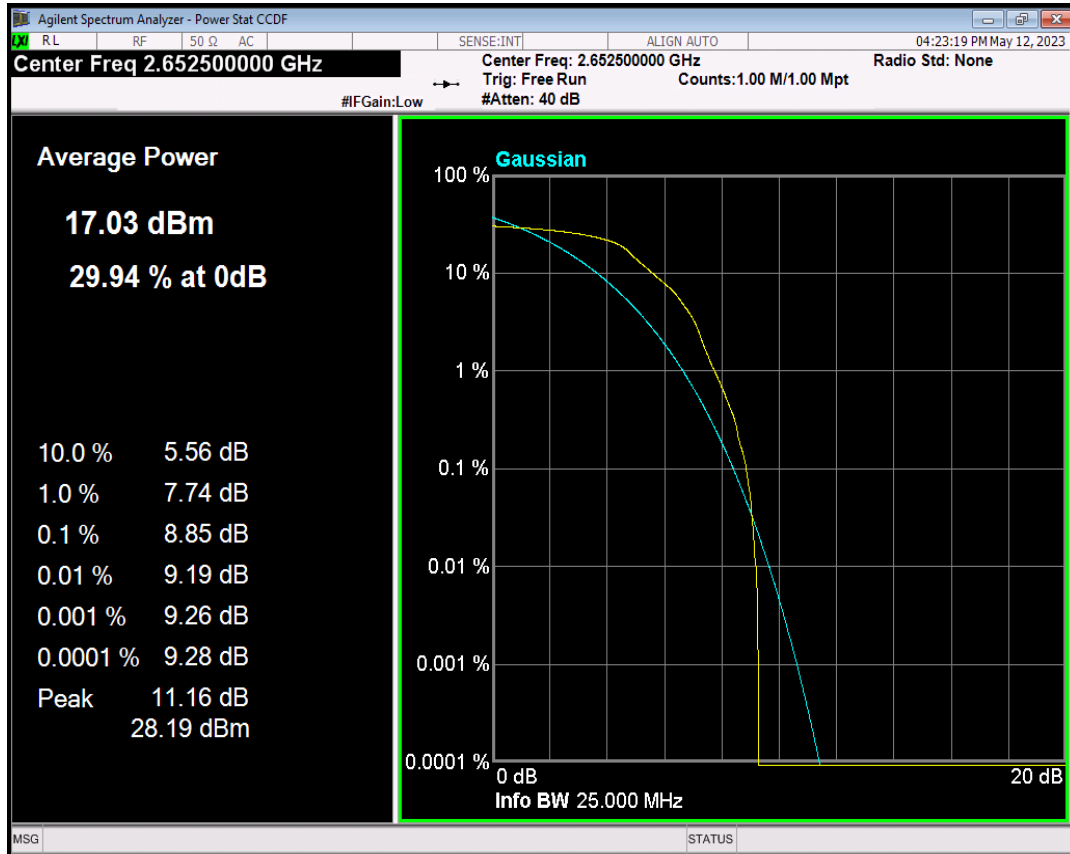




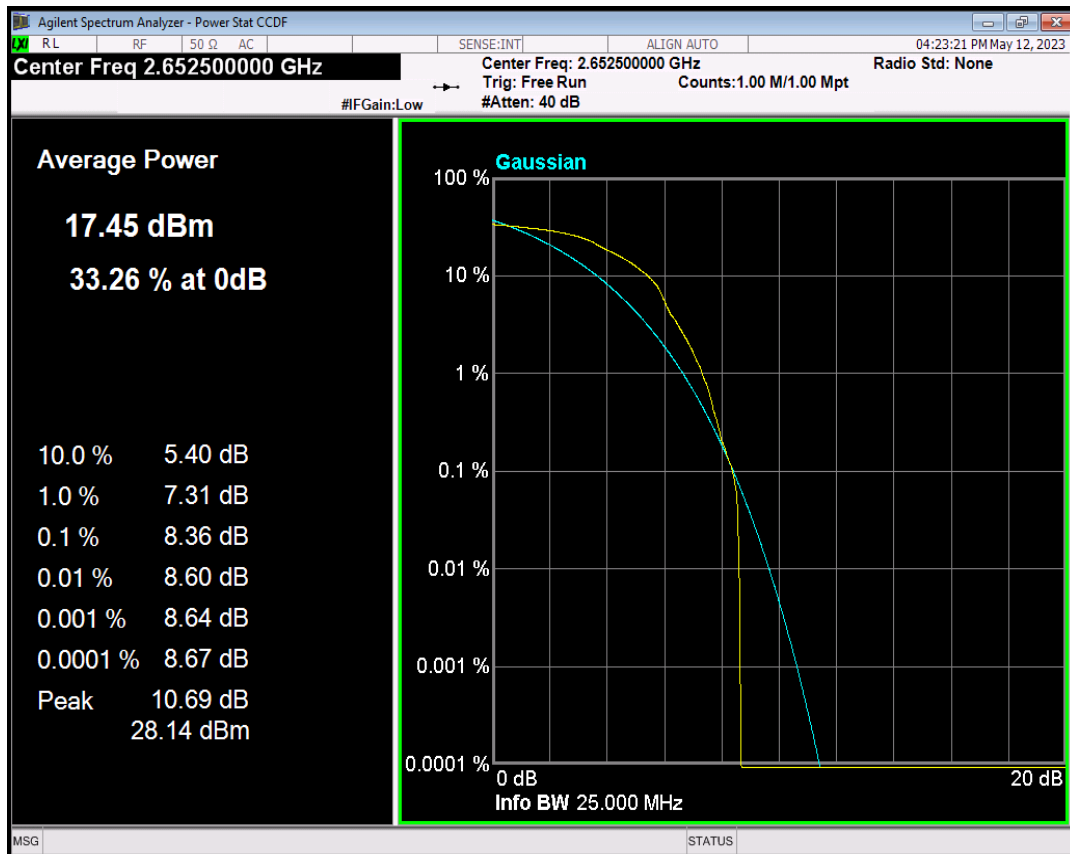
Band41(2555-2655) 16QAM BW=5MHz Channel=40740 RB Size=1 Position=#0



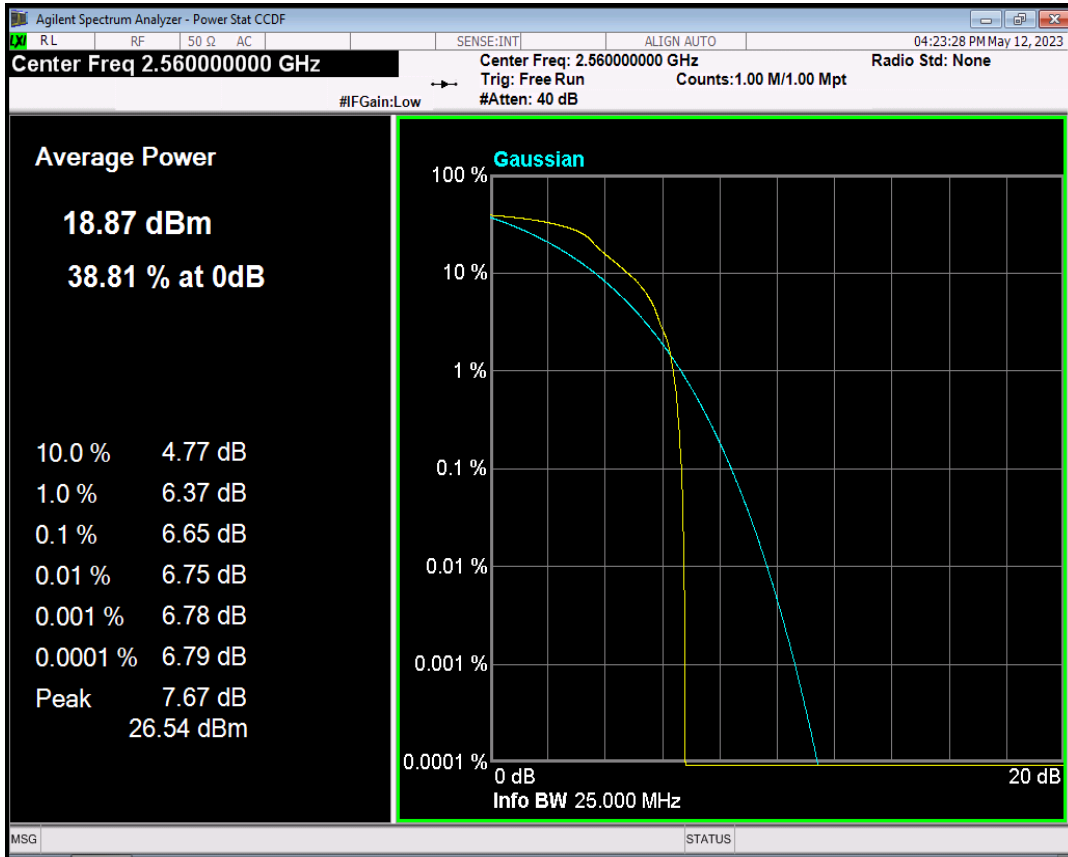
Band41(2555-2655) QPSK BW=5MHz Channel=41215 RB Size=1 Position=#0



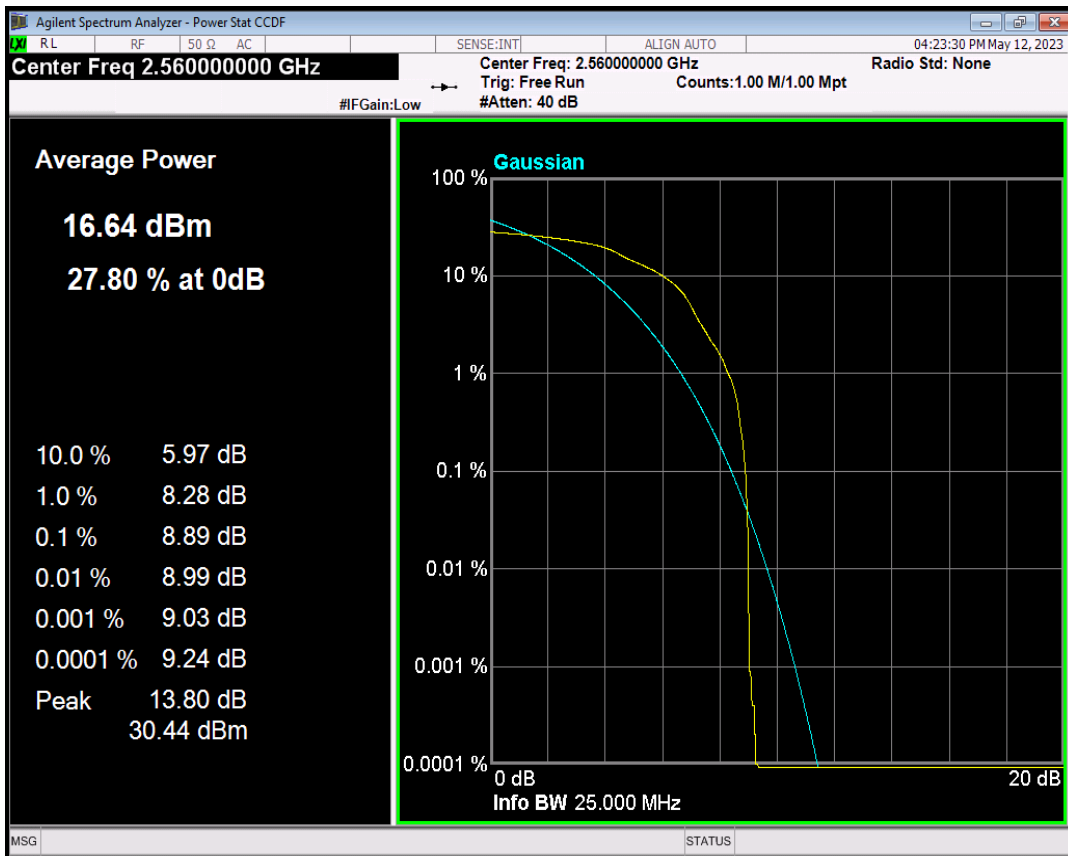
Band41(2555-2655) 16QAM BW=5MHz Channel=41215 RB Size=1 Position=#0



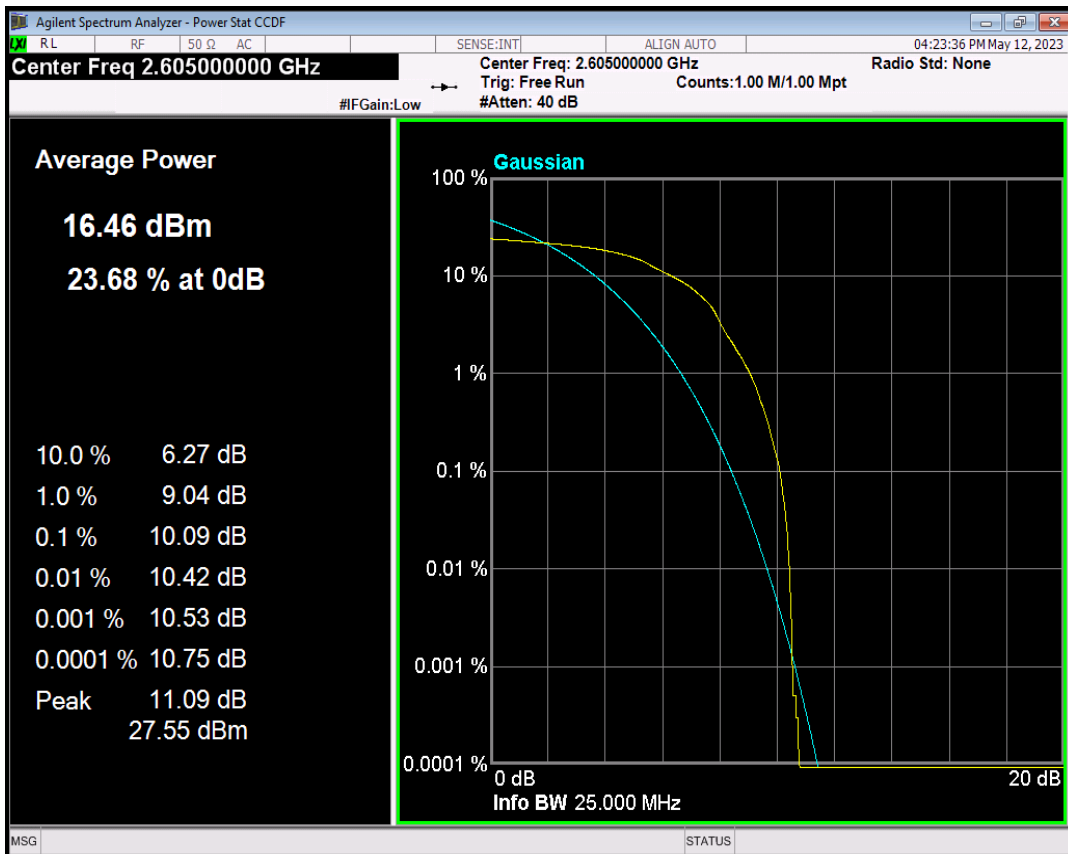
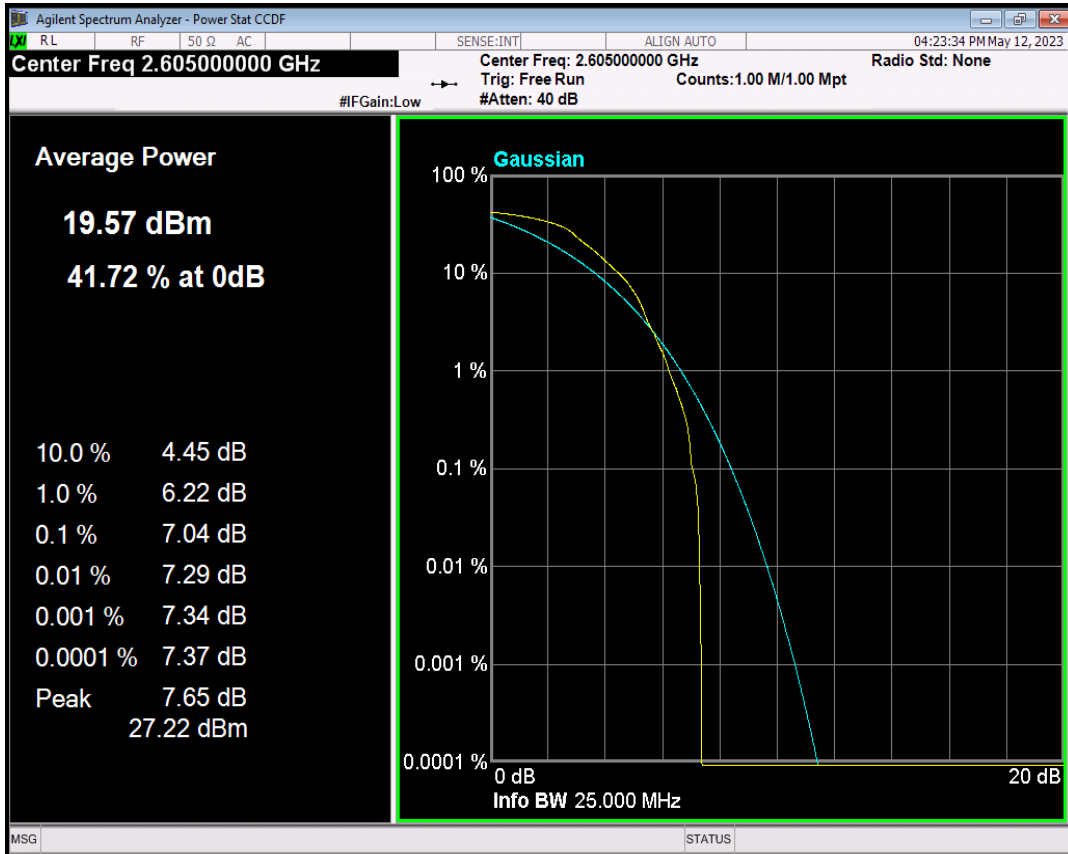
Band41(2555-2655) QPSK BW=10MHz Channel=40290 RB Size=1 Position=#0

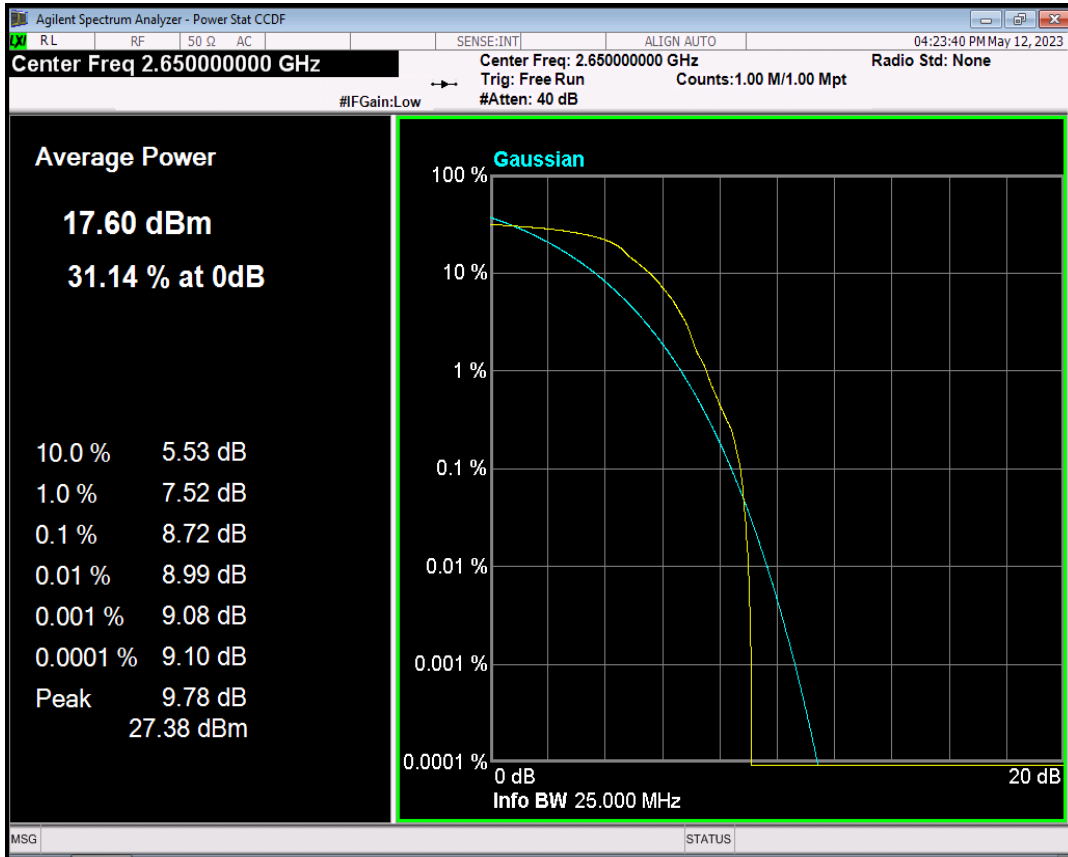


Band41(2555-2655) 16QAM BW=10MHz Channel=40290 RB Size=1 Position=#0

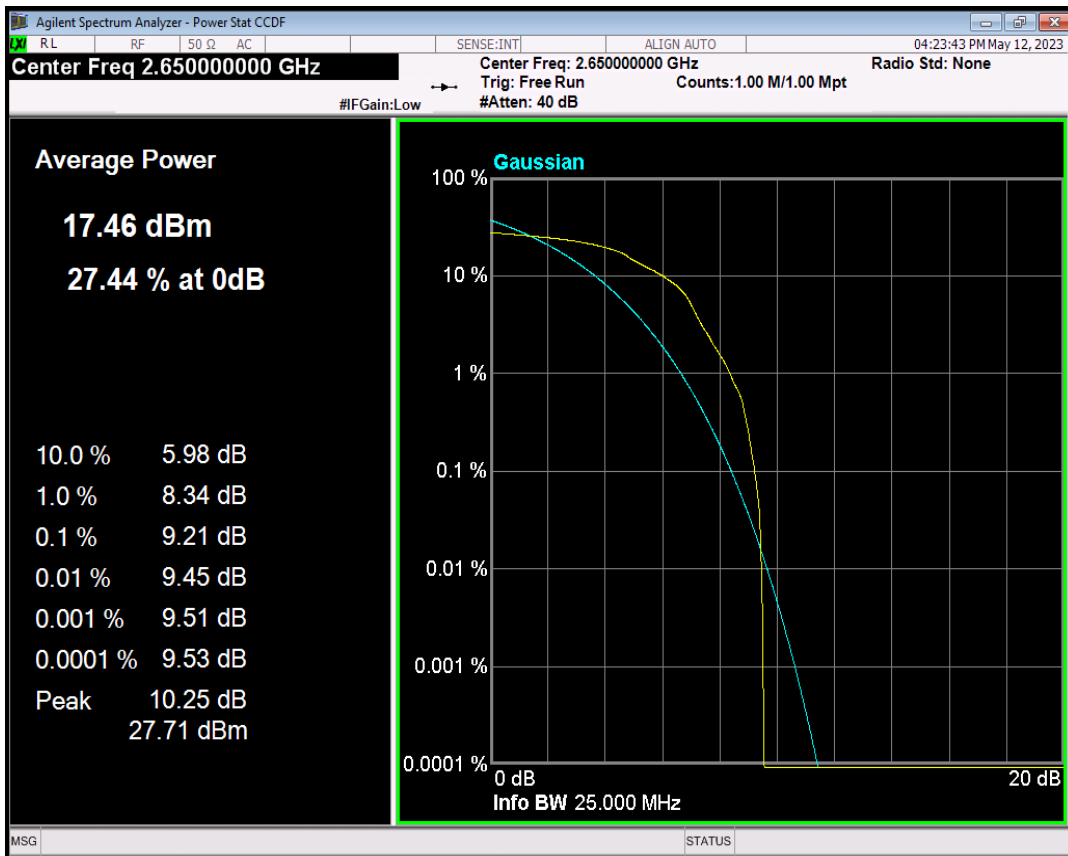


Band41(2555-2655) QPSK BW=10MHz Channel=40740 RB Size=1 Position=#0

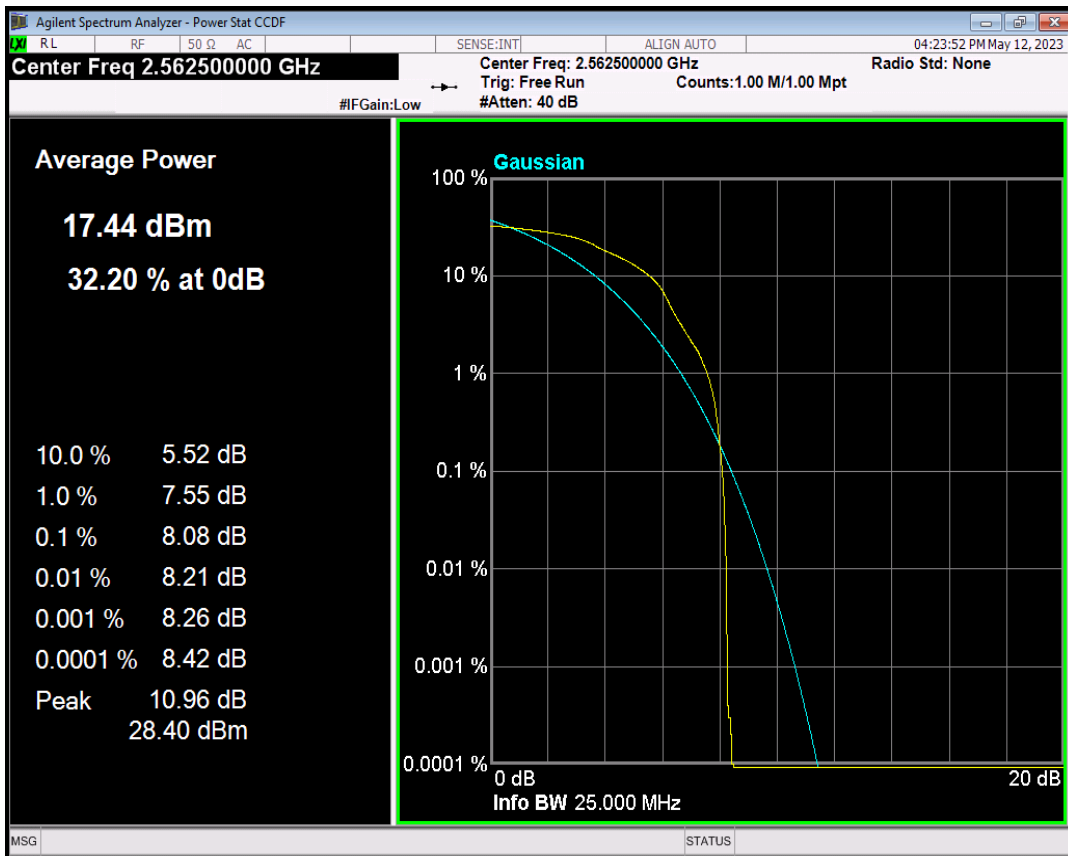
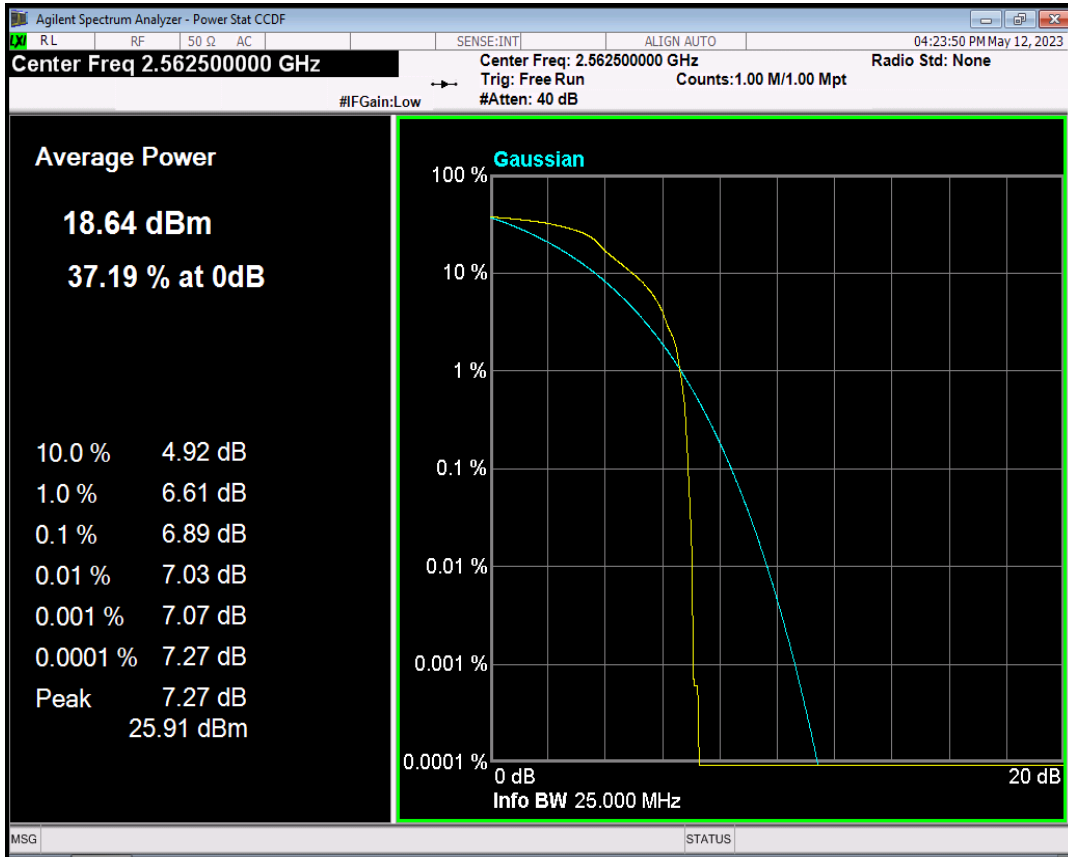


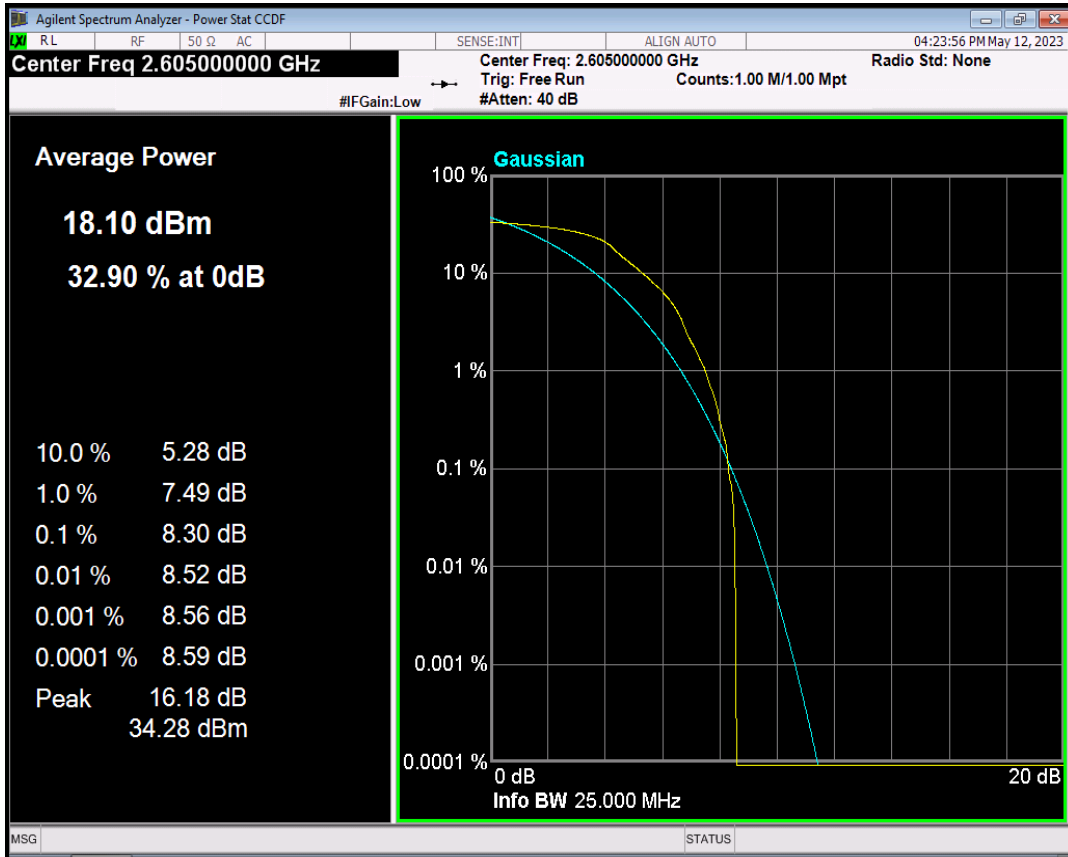


Band41(2555-2655) 16QAM BW=10MHz Channel=41190 RB Size=1 Position=#0

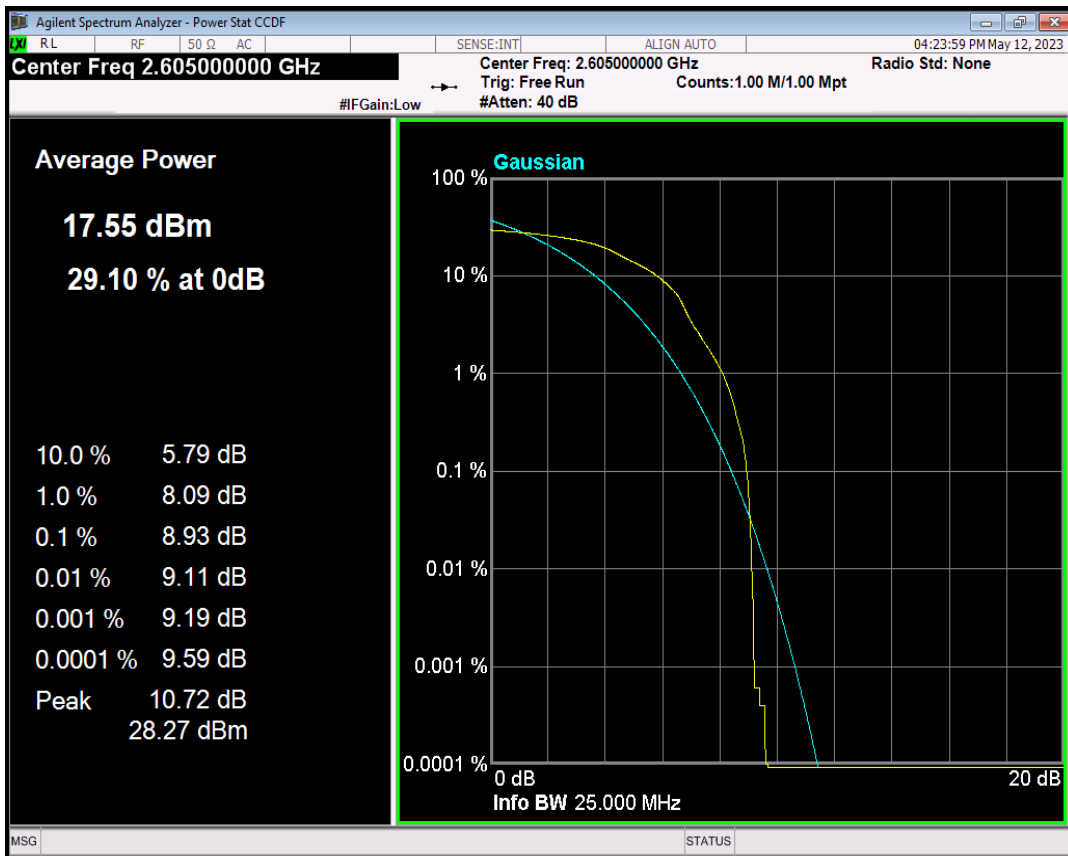


Band41(2555-2655) QPSK BW=15MHz Channel=40315 RB Size=1 Position=#0

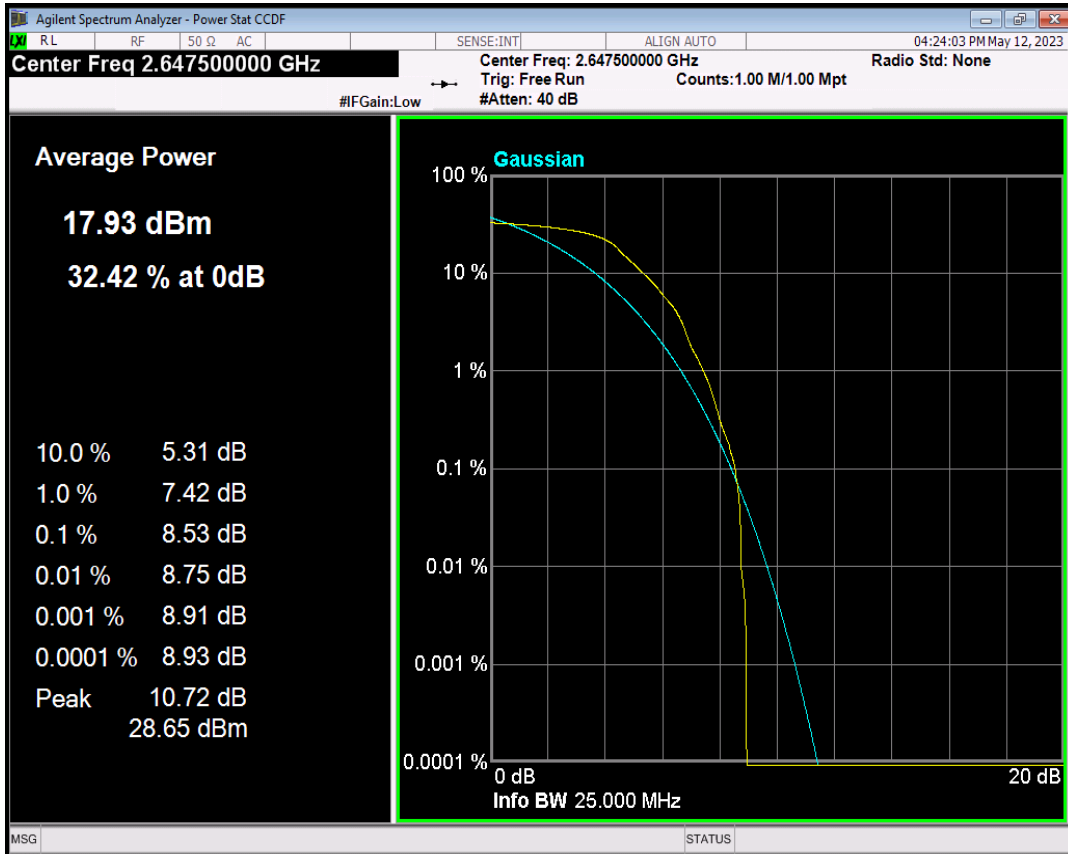




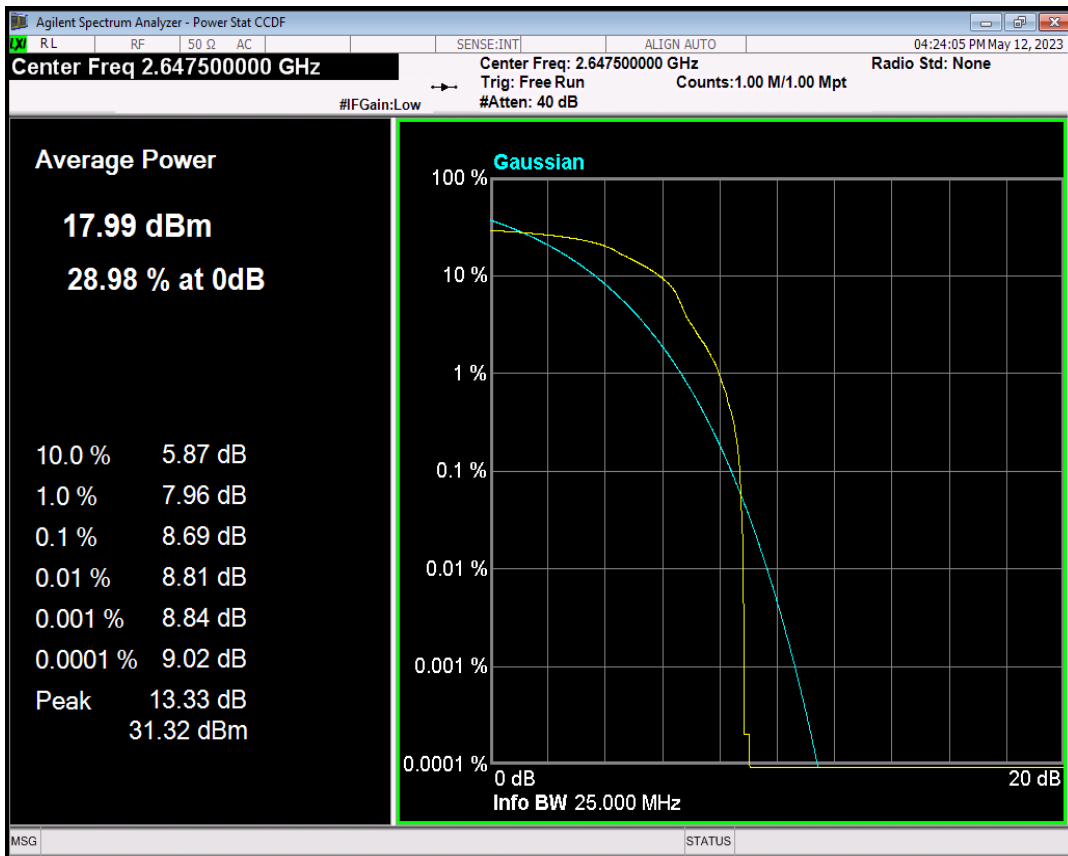
Band41(2555-2655) 16QAM BW=15MHz Channel=40740 RB Size=1 Position=#0



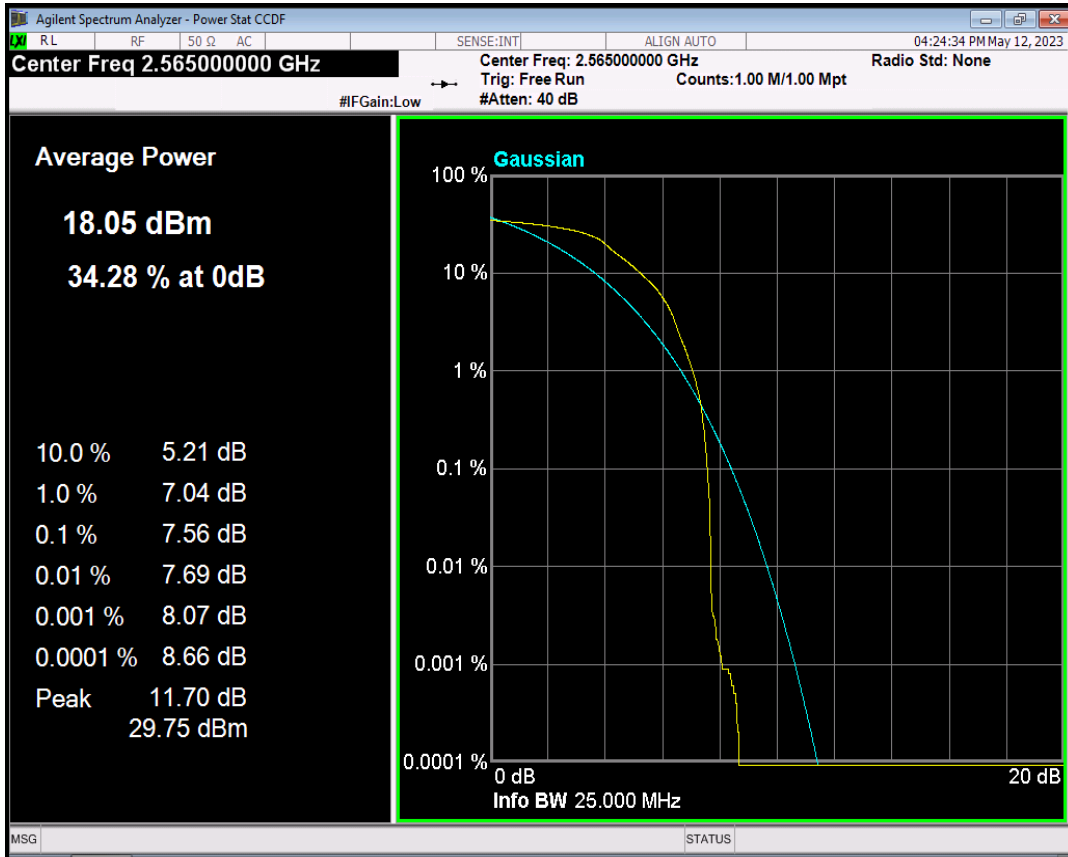
Band41(2555-2655) QPSK BW=15MHz Channel=41165 RB Size=1 Position=#0



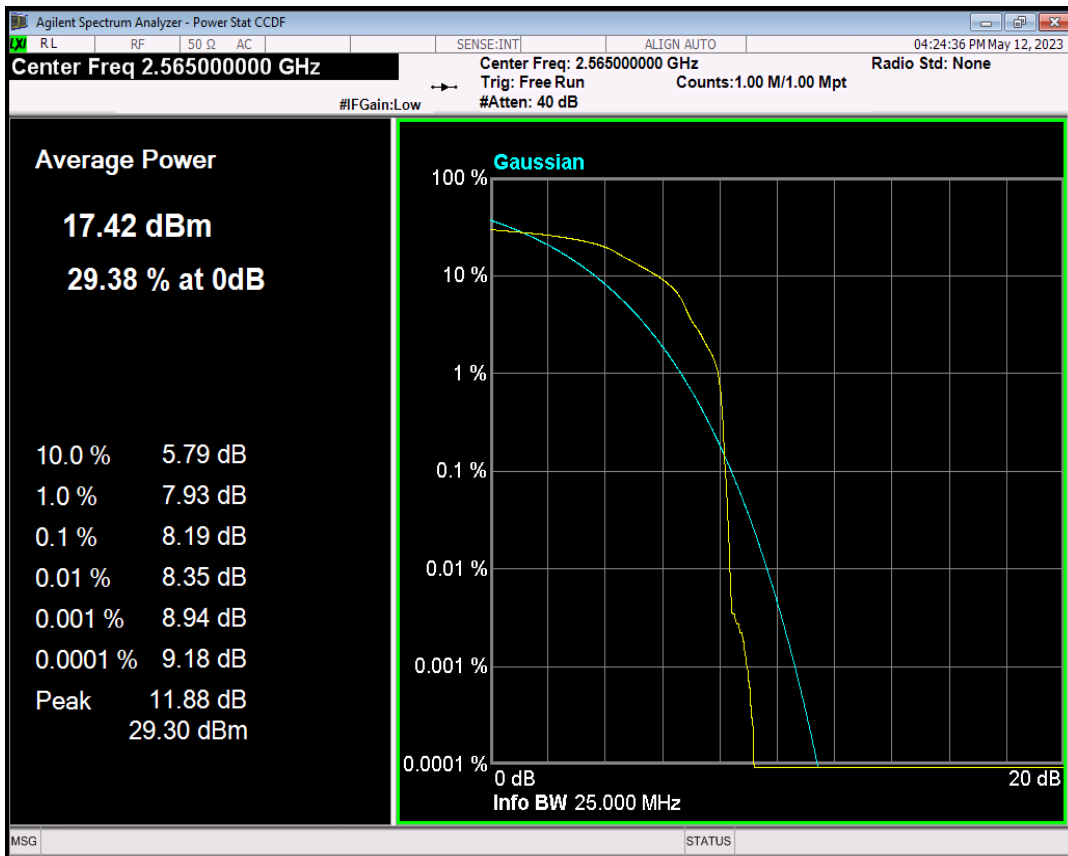
Band41(2555-2655) 16QAM BW=15MHz Channel=41165 RB Size=1 Position=#0



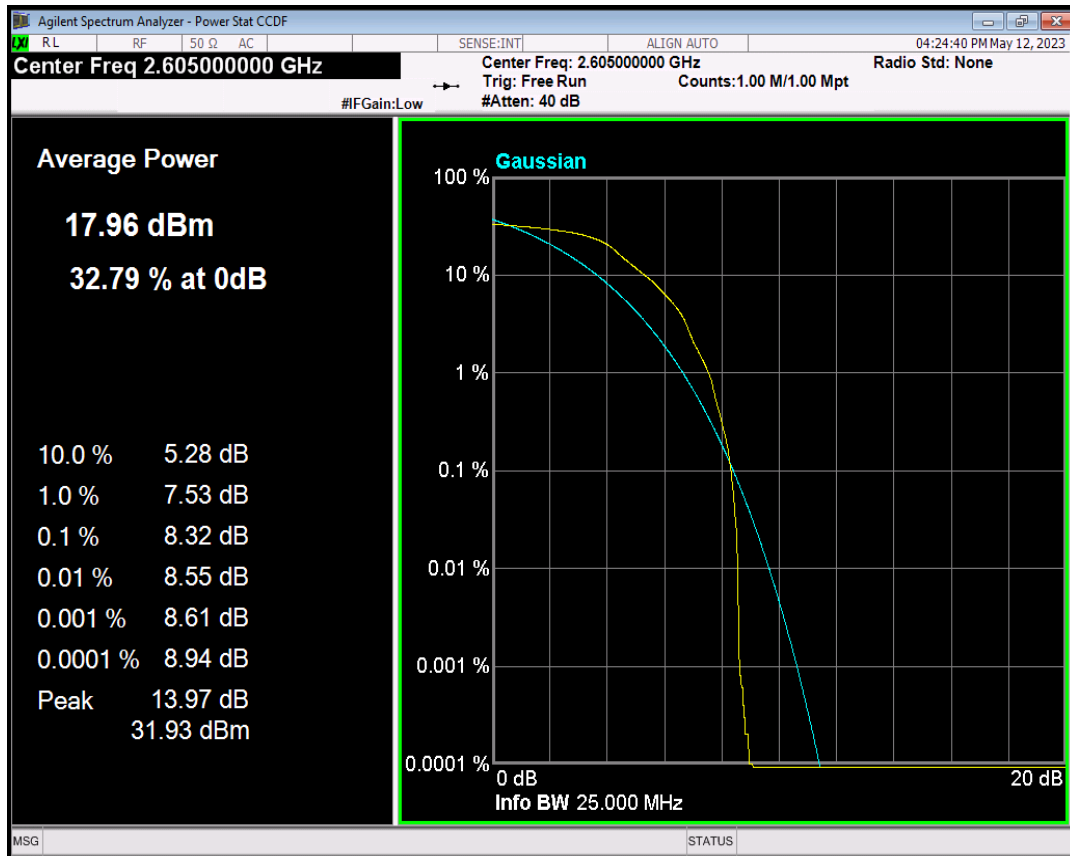
Band41(2555-2655) QPSK BW=20MHz Channel=40340 RB Size=1 Position=#0



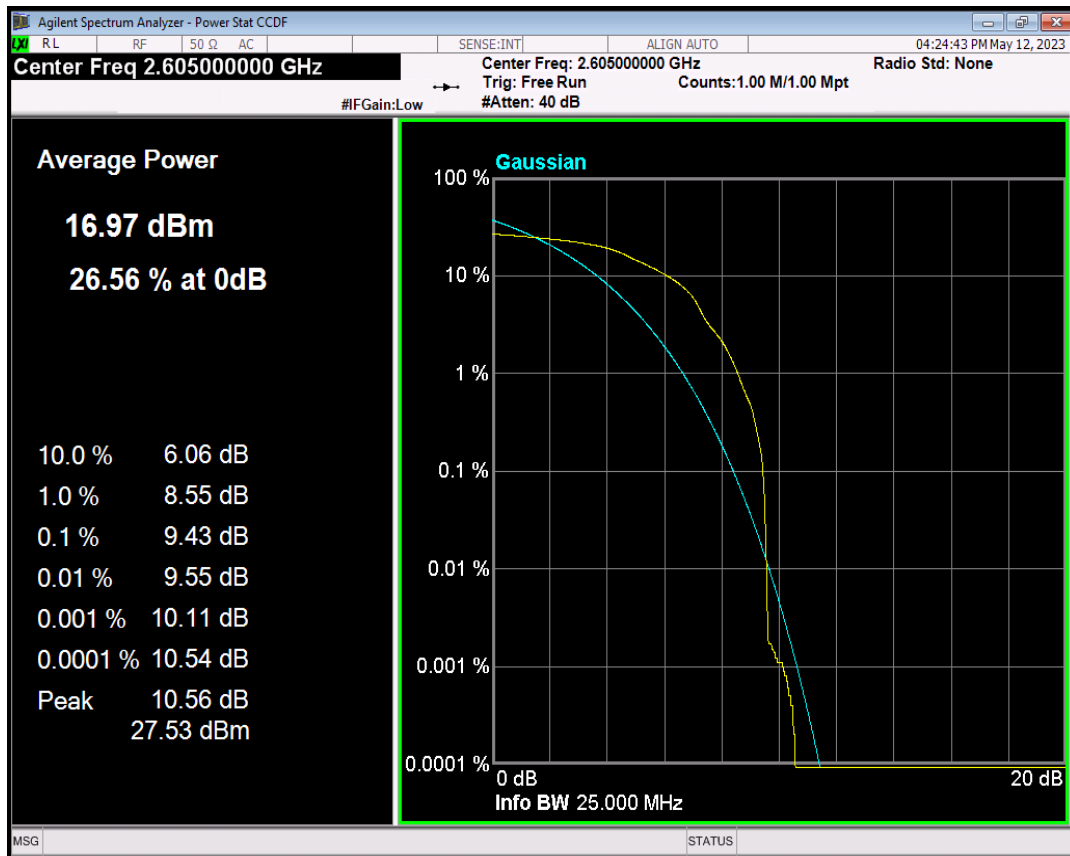
Band41(2555-2655) 16QAM BW=20MHz Channel=40340 RB Size=1 Position=#0



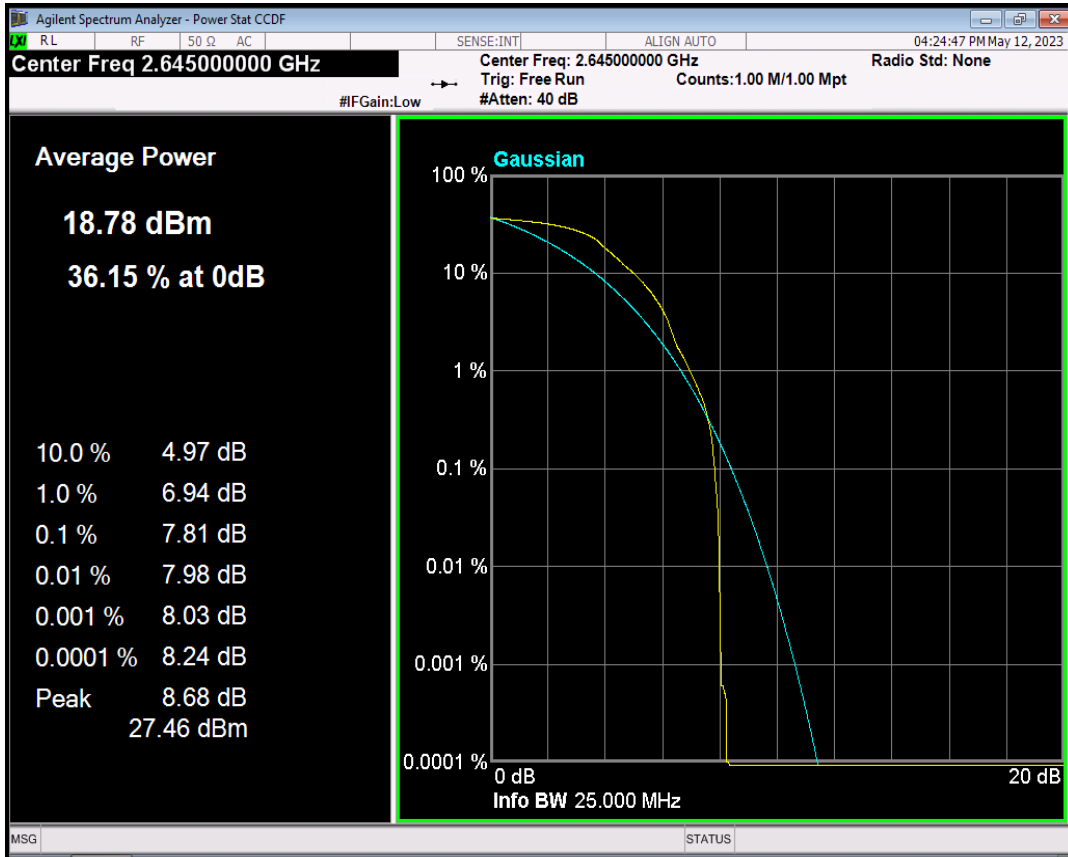
Band41(2555-2655) QPSK BW=20MHz Channel=40740 RB Size=1 Position=#0



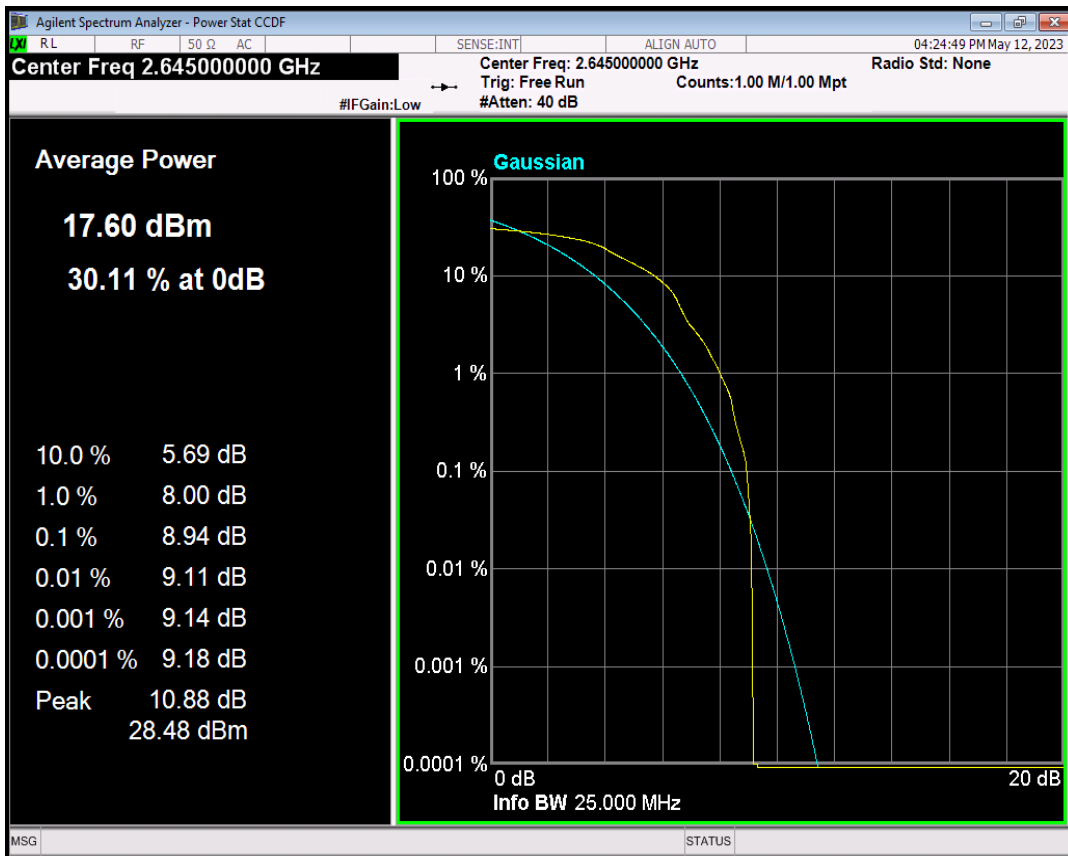
Band41(2555-2655) 16QAM BW=20MHz Channel=40740 RB Size=1 Position=#0



Band41(2555-2655) QPSK BW=20MHz Channel=41140 RB Size=1 Position=#0



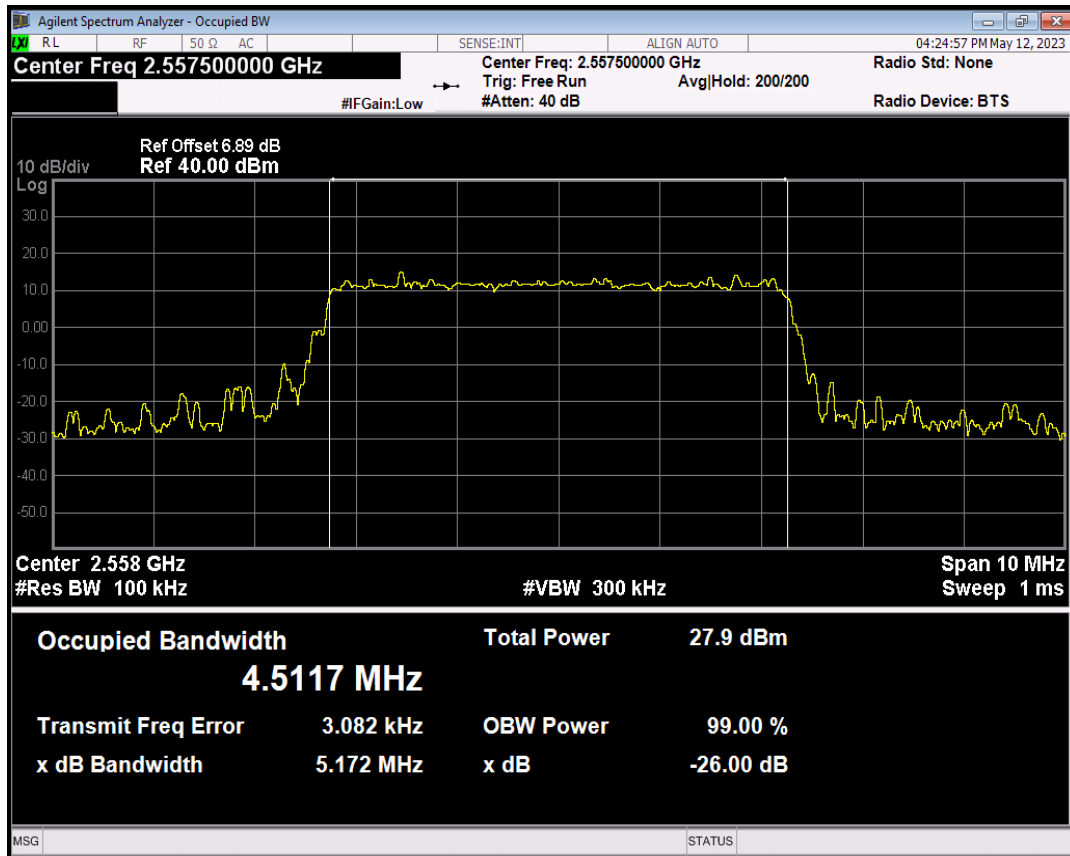
Band41(2555-2655) 16QAM BW=20MHz Channel=41140 RB Size=1 Position=#0



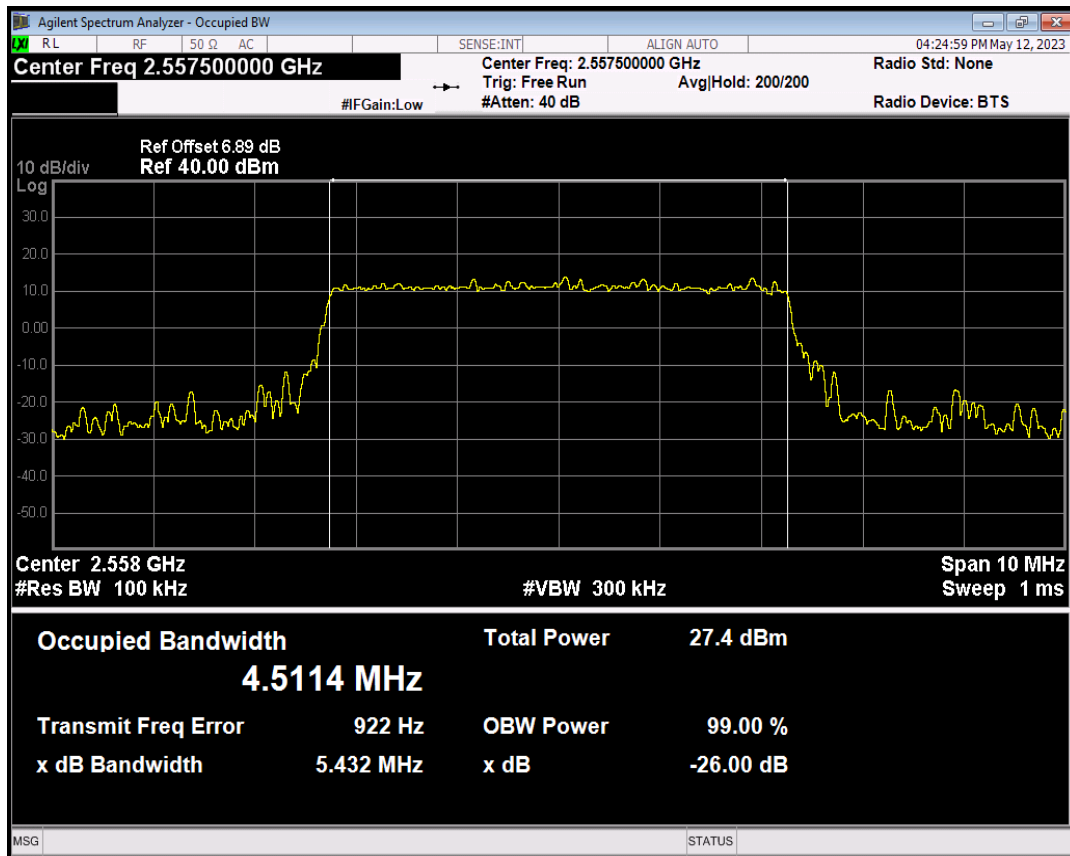
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band41(2555-2655)	5	40265	25	#0	QPSK	4.512	5.172	PASS
Band41(2555-2655)	5	40265	25	#0	16QAM	4.511	5.432	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	4.525	4.917	PASS
Band41(2555-2655)	5	40740	25	#0	16QAM	4.492	5.301	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	4.503	4.907	PASS
Band41(2555-2655)	5	41215	25	#0	16QAM	4.512	4.932	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	8.988	9.837	PASS
Band41(2555-2655)	10	40290	50	#0	16QAM	8.996	9.877	PASS
Band41(2555-2655)	10	40740	50	#0	QPSK	9.026	9.835	PASS
Band41(2555-2655)	10	40740	50	#0	16QAM	8.989	9.855	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	8.988	10.711	PASS
Band41(2555-2655)	10	41190	50	#0	16QAM	8.973	9.761	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	13.500	14.438	PASS
Band41(2555-2655)	15	40315	75	#0	16QAM	13.443	14.850	PASS
Band41(2555-2655)	15	40740	75	#0	QPSK	13.402	14.798	PASS
Band41(2555-2655)	15	40740	75	#0	16QAM	13.419	15.455	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	13.381	14.796	PASS
Band41(2555-2655)	15	41165	75	#0	16QAM	13.437	14.530	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	17.946	19.422	PASS
Band41(2555-2655)	20	40340	100	#0	16QAM	17.988	19.425	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	17.911	19.367	PASS
Band41(2555-2655)	20	40740	100	#0	16QAM	17.991	19.573	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	17.917	19.404	PASS
Band41(2555-2655)	20	41140	100	#0	16QAM	18.000	19.562	PASS

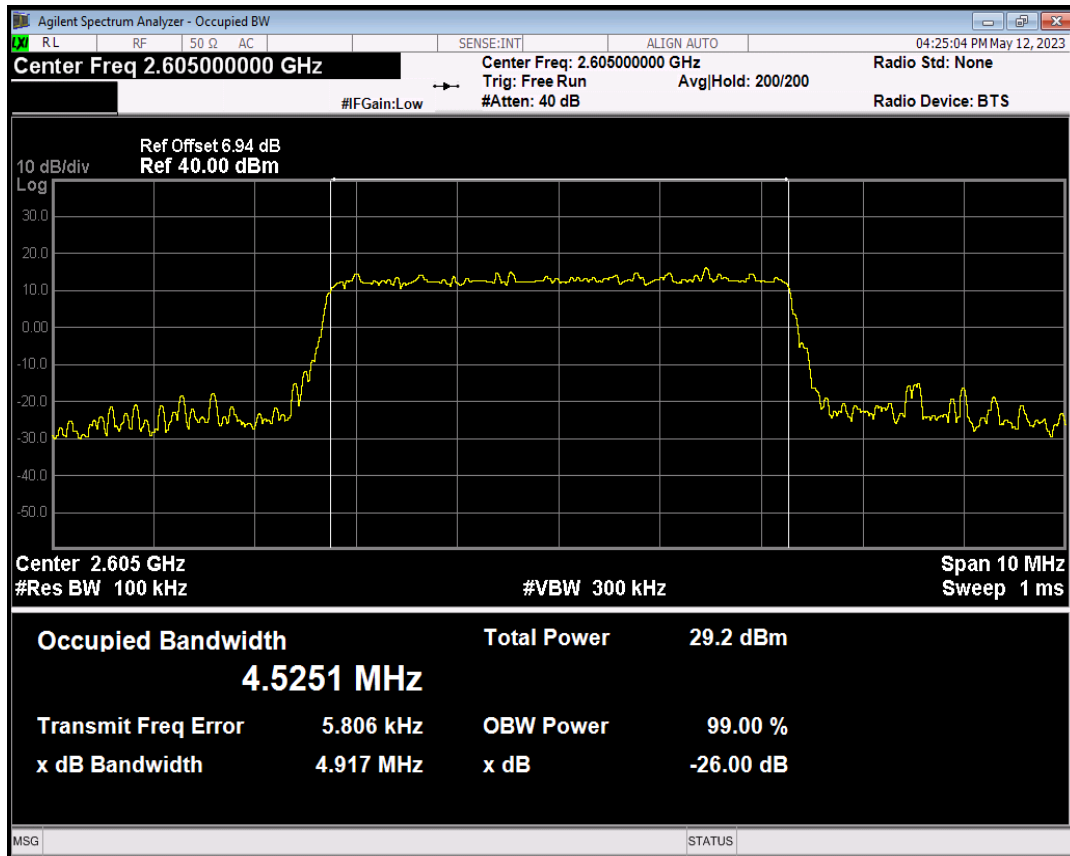
Band41(2555-2655) QPSK BW=5MHz Channel=40265 RB Size=25 Position=#0



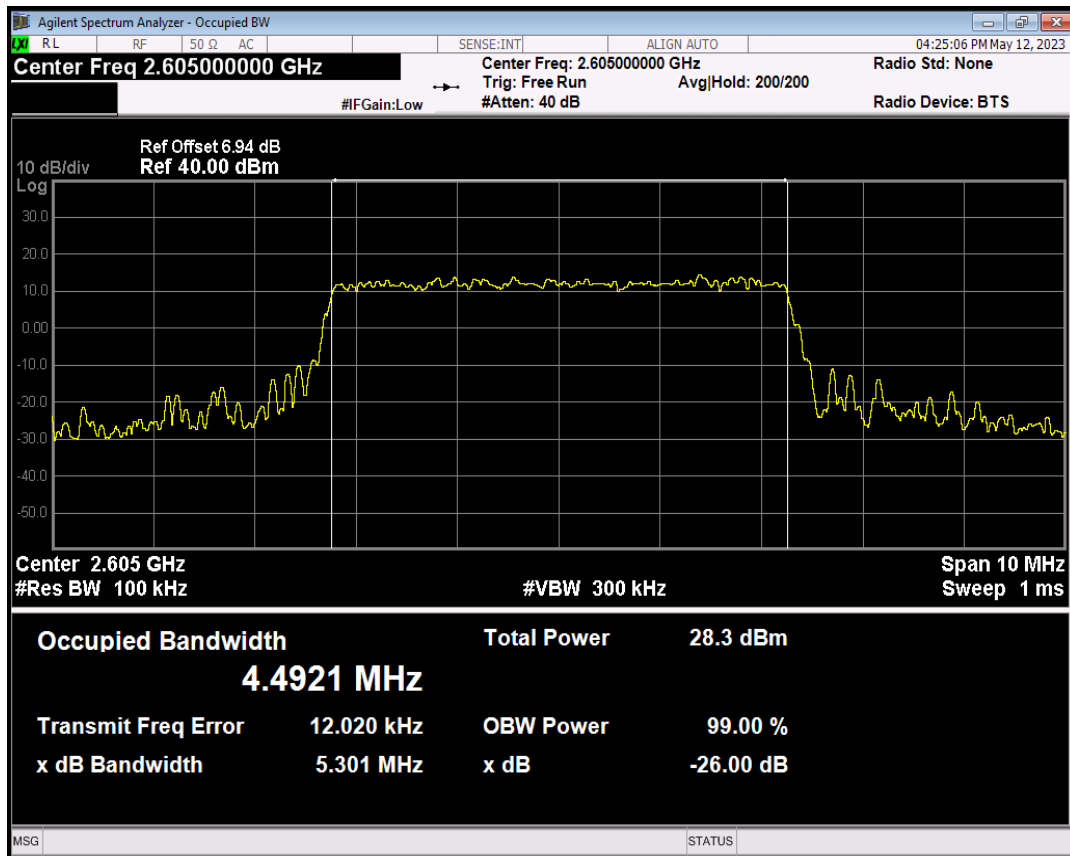
Band41(2555-2655) 16QAM BW=5MHz Channel=40265 RB Size=25 Position=#0



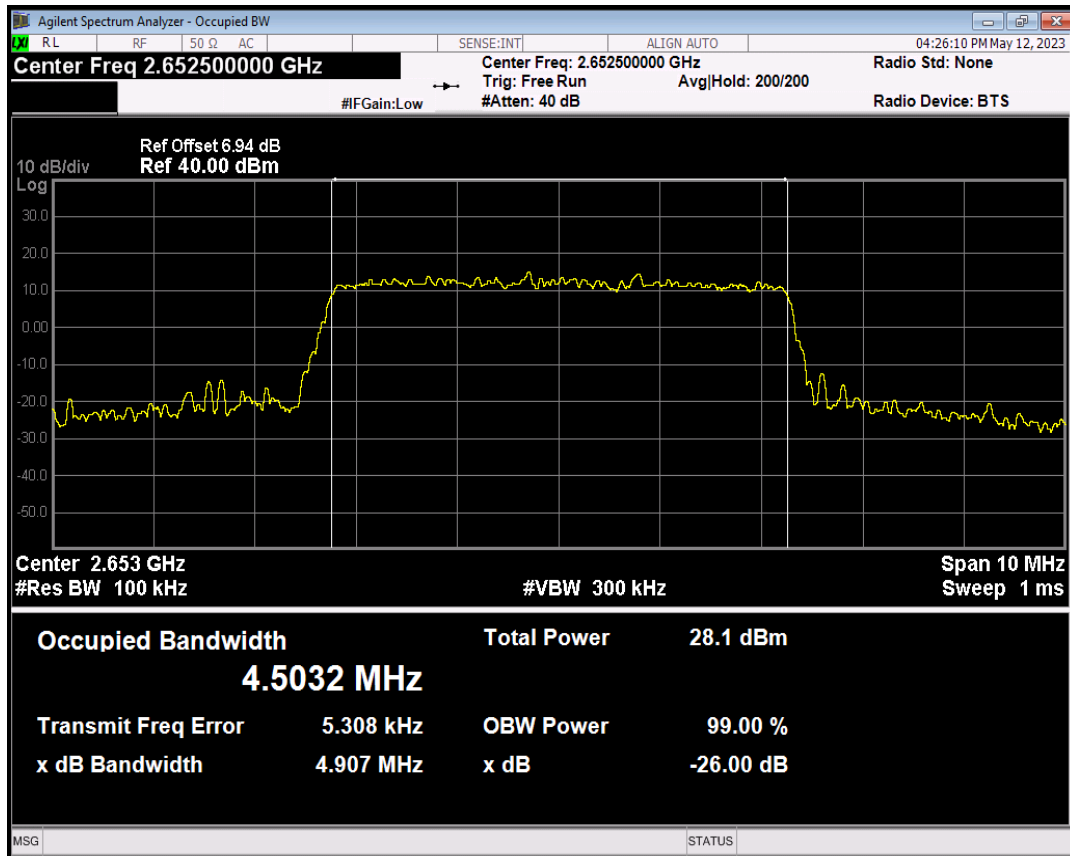
Band41(2555-2655) QPSK BW=5MHz Channel=40740 RB Size=25 Position=#0



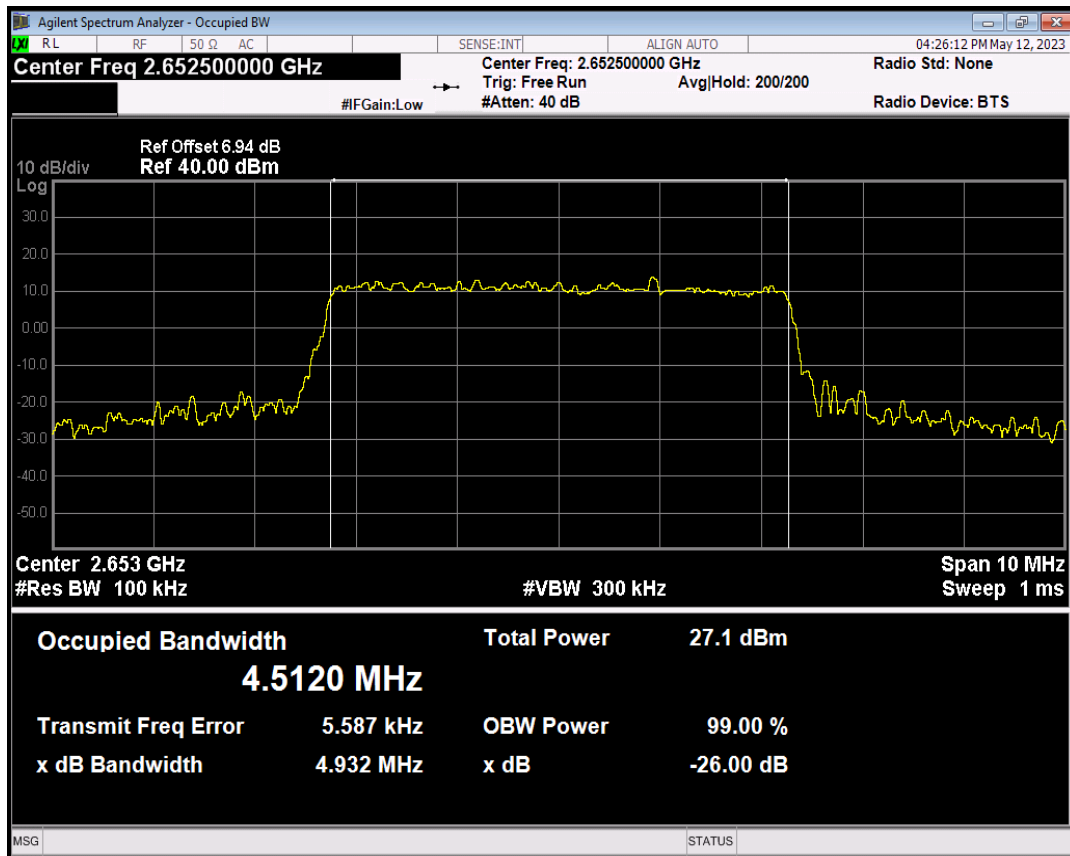
Band41(2555-2655) 16QAM BW=5MHz Channel=40740 RB Size=25 Position=#0



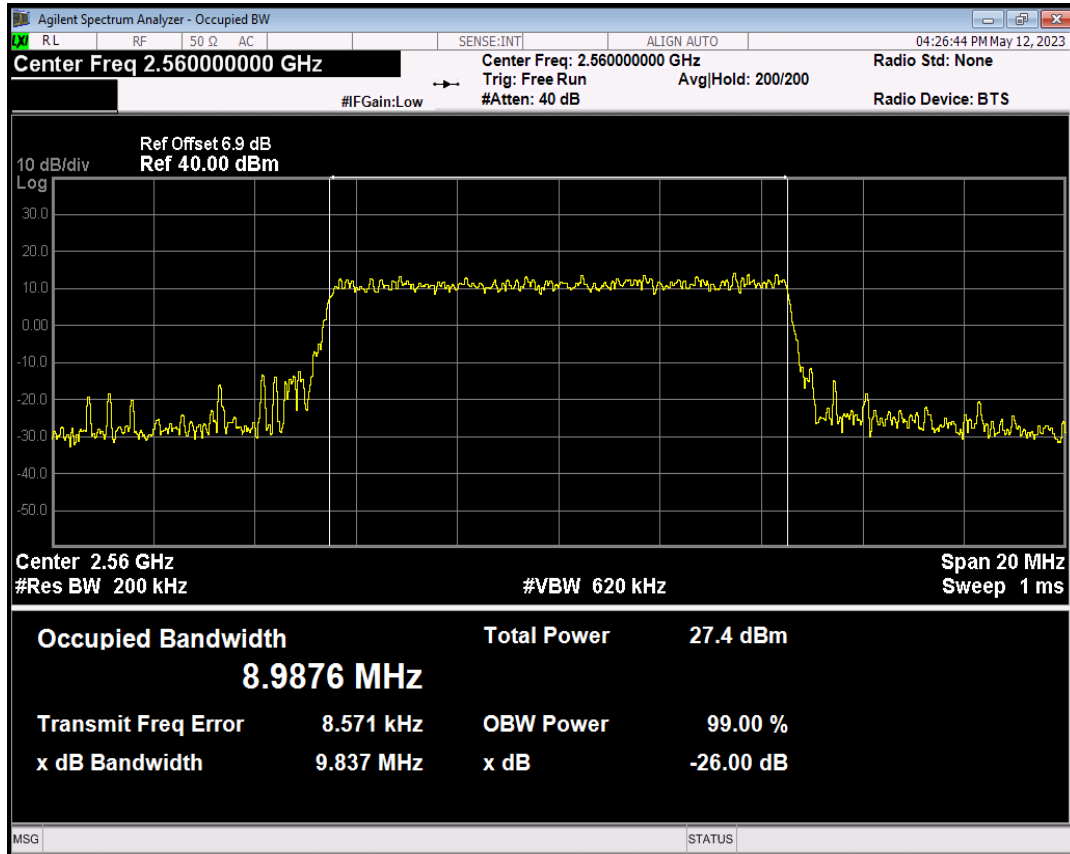
Band41(2555-2655) QPSK BW=5MHz Channel=41215 RB Size=25 Position=#0



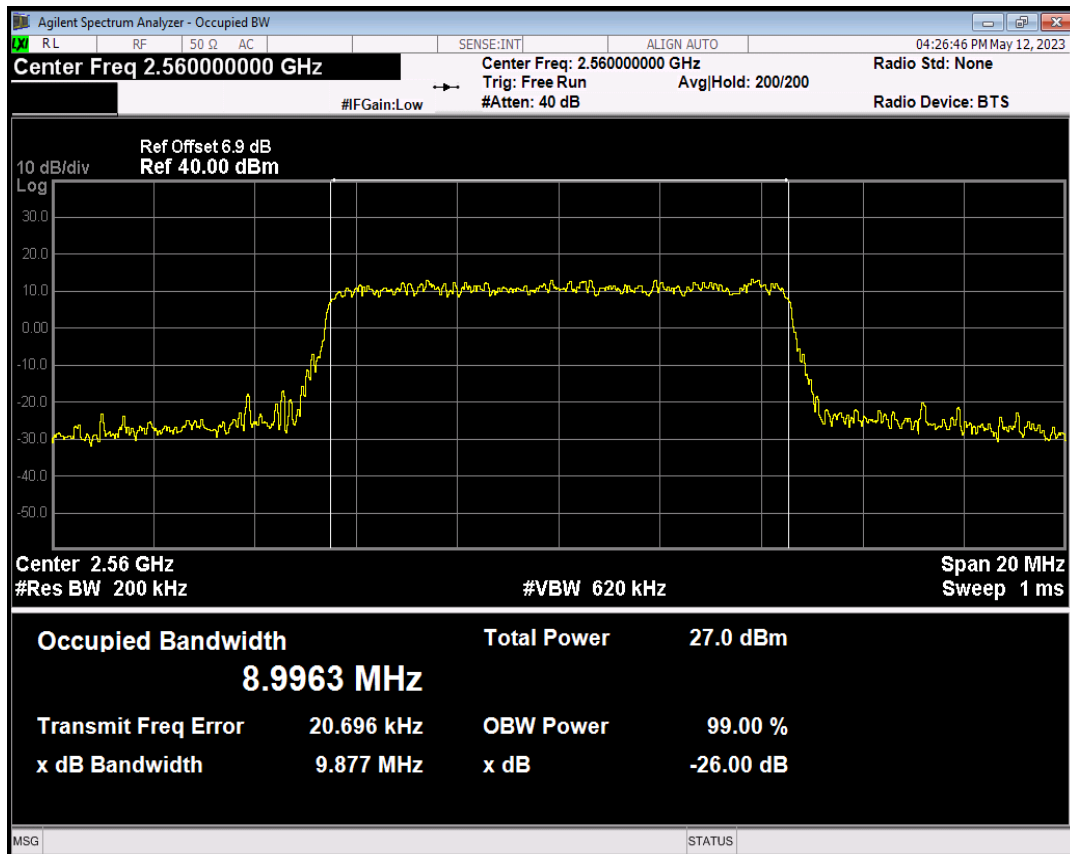
Band41(2555-2655) 16QAM BW=5MHz Channel=41215 RB Size=25 Position=#0



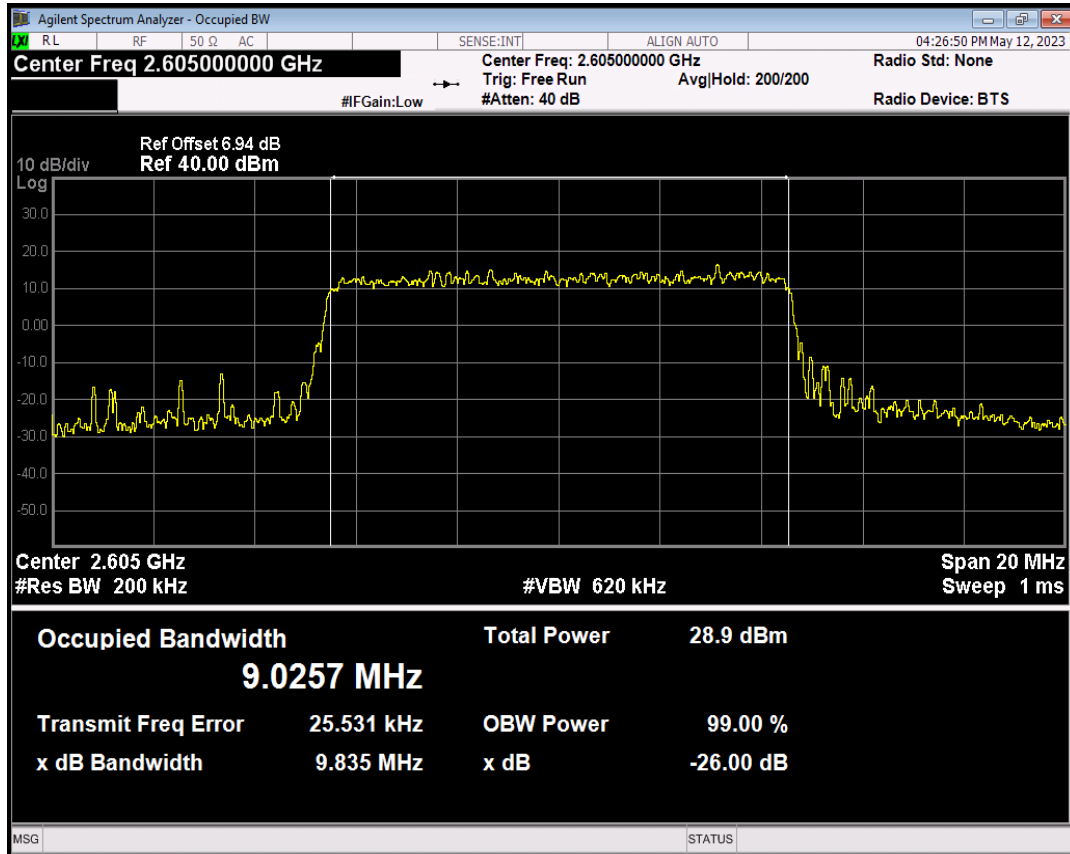
Band41(2555-2655) QPSK BW=10MHz Channel=40290 RB Size=50 Position=#0



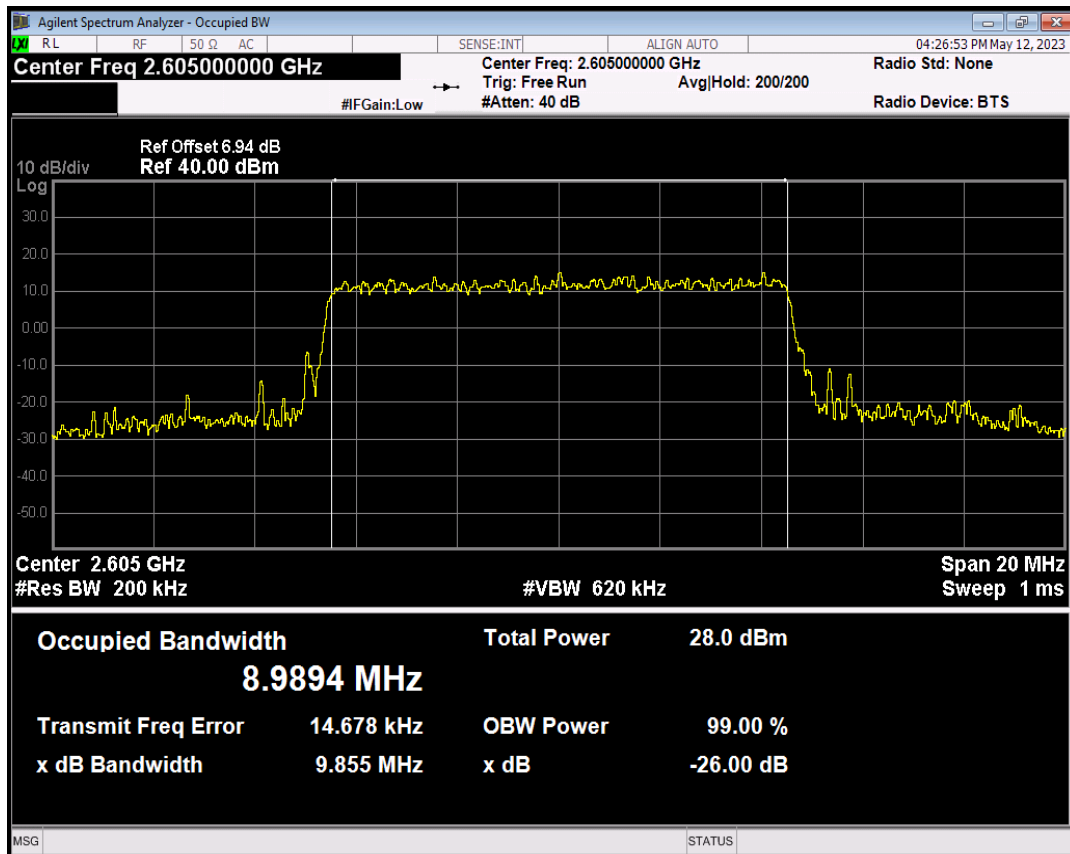
Band41(2555-2655) 16QAM BW=10MHz Channel=40290 RB Size=50 Position=#0



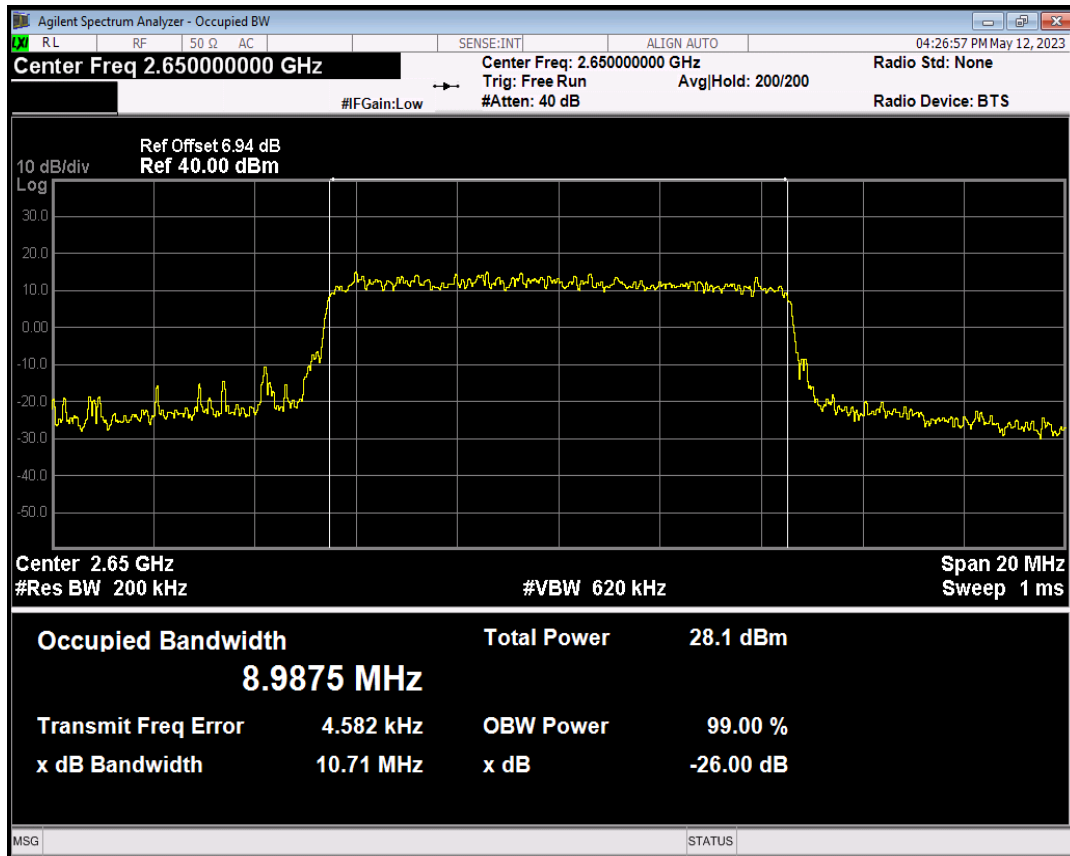
Band41(2555-2655) QPSK BW=10MHz Channel=40740 RB Size=50 Position=#0



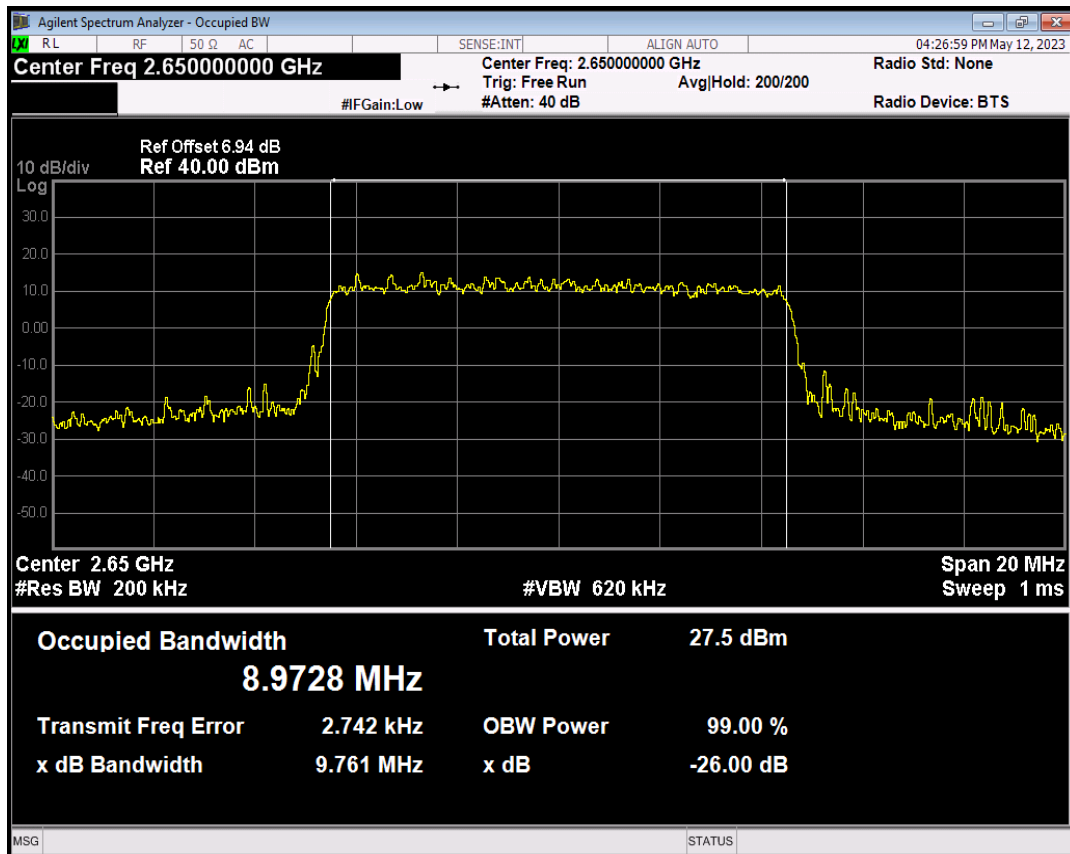
Band41(2555-2655) 16QAM BW=10MHz Channel=40740 RB Size=50 Position=#0



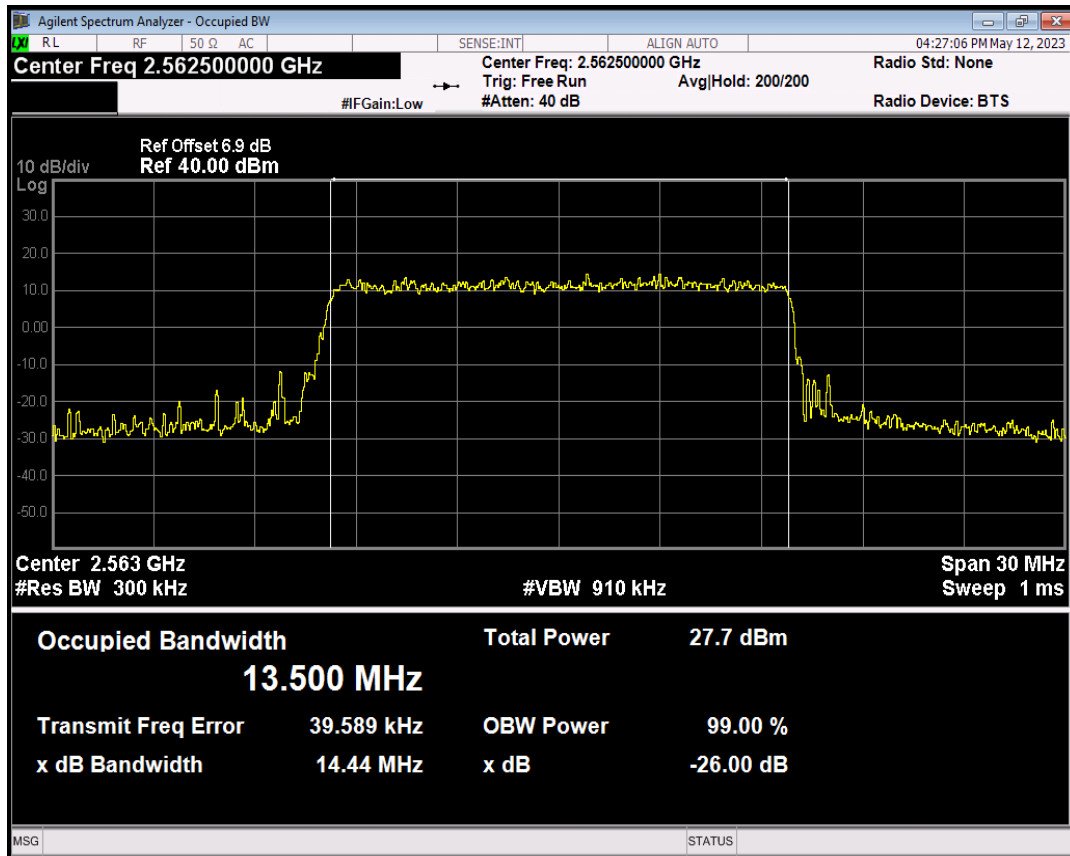
Band41(2555-2655) QPSK BW=10MHz Channel=41190 RB Size=50 Position=#0



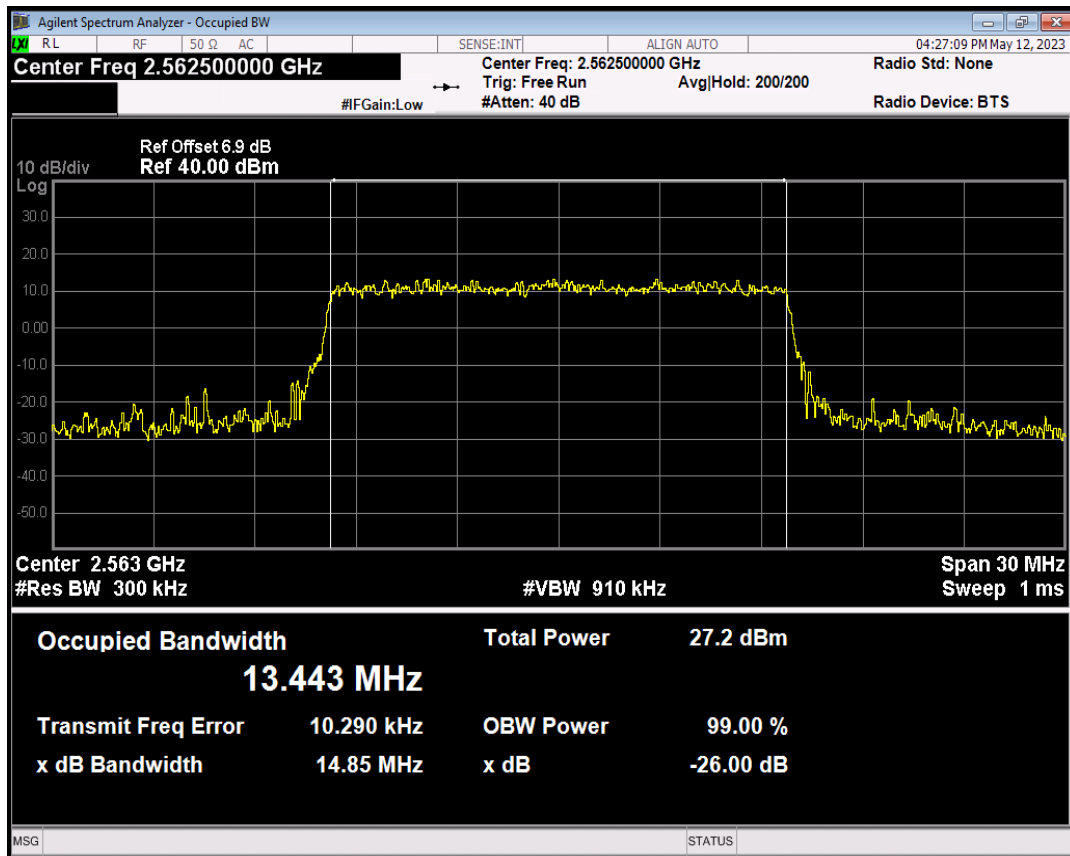
Band41(2555-2655) 16QAM BW=10MHz Channel=41190 RB Size=50 Position=#0



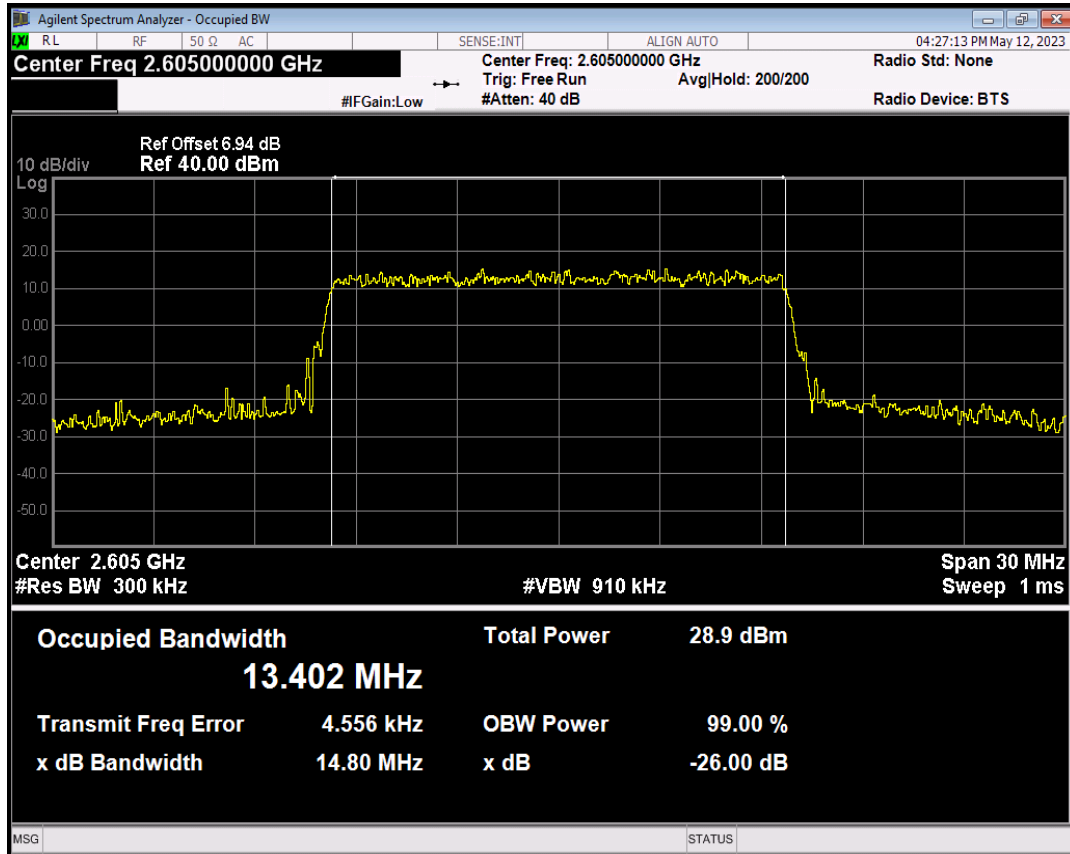
Band41(2555-2655) QPSK BW=15MHz Channel=40315 RB Size=75 Position=#0



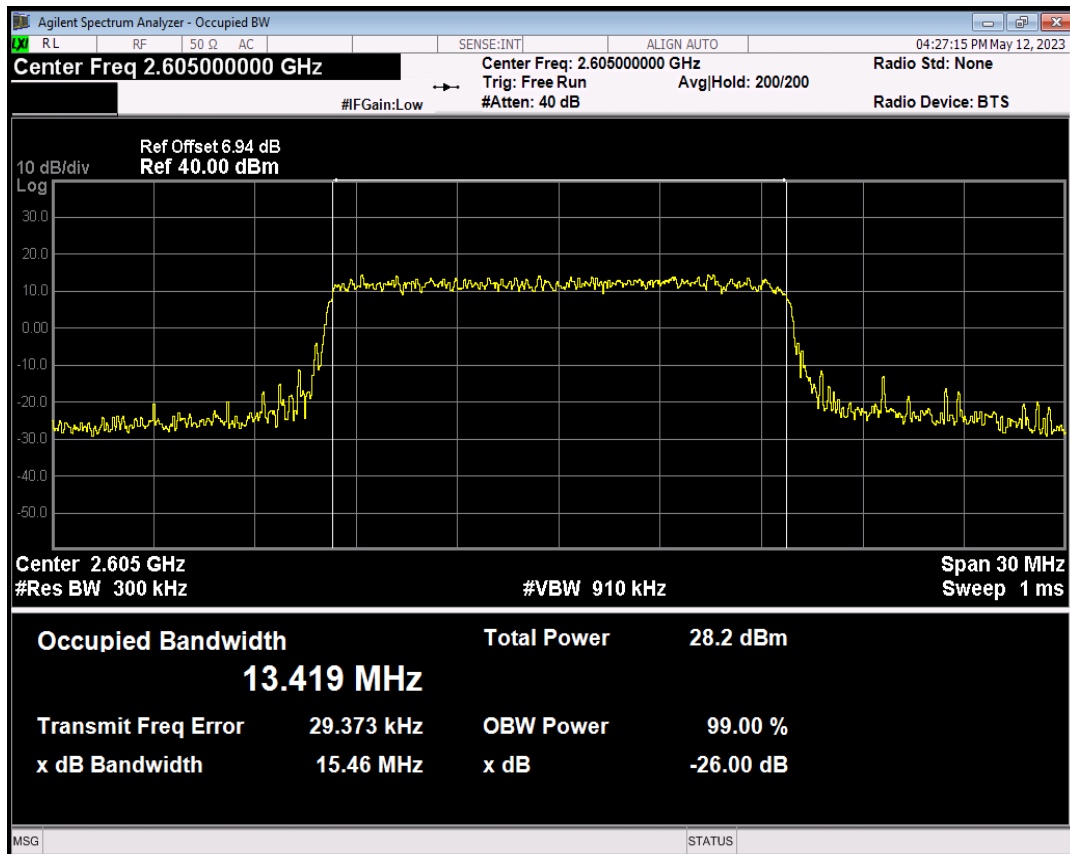
Band41(2555-2655) 16QAM BW=15MHz Channel=40315 RB Size=75 Position=#0



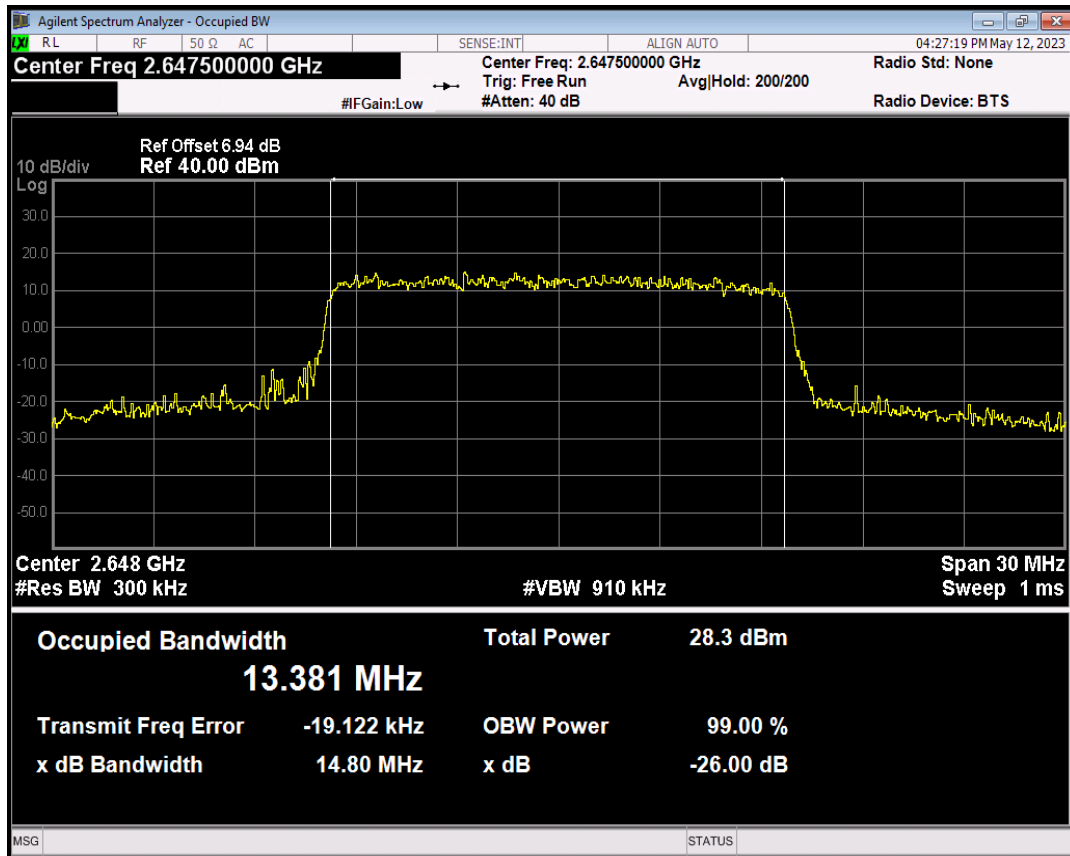
Band41(2555-2655) QPSK BW=15MHz Channel=40740 RB Size=75 Position=#0



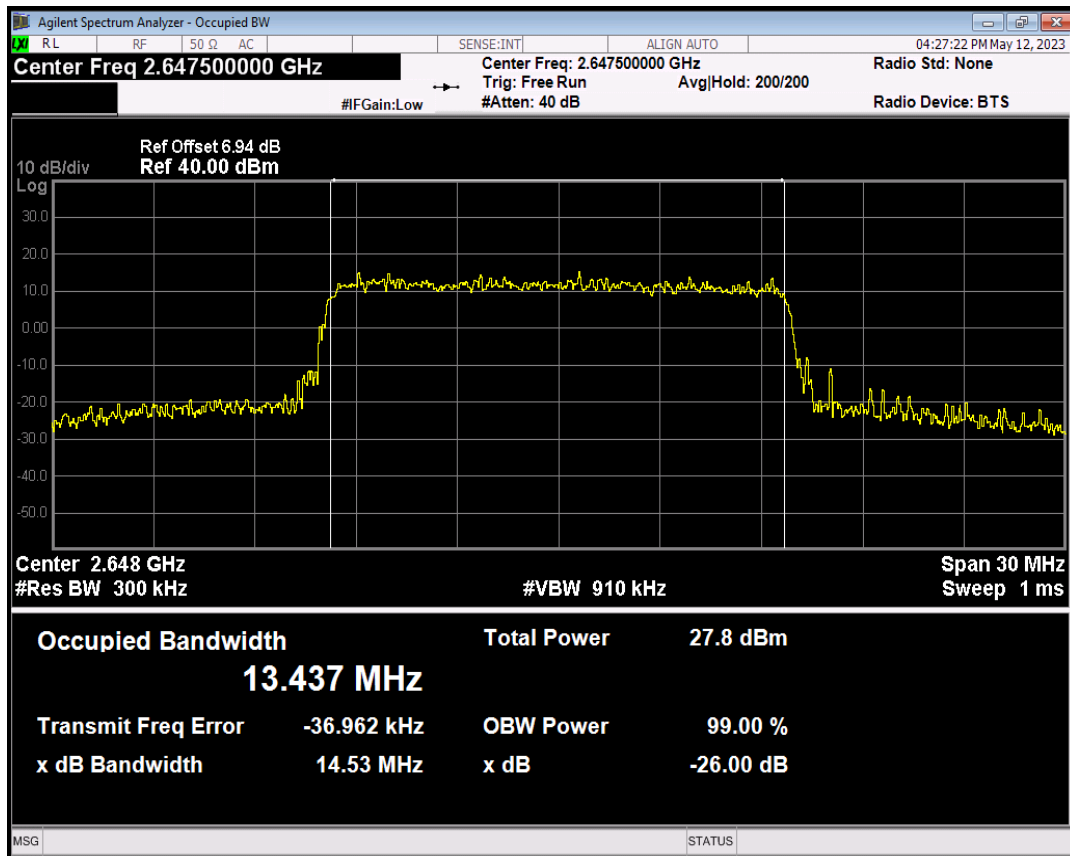
Band41(2555-2655) 16QAM BW=15MHz Channel=40740 RB Size=75 Position=#0



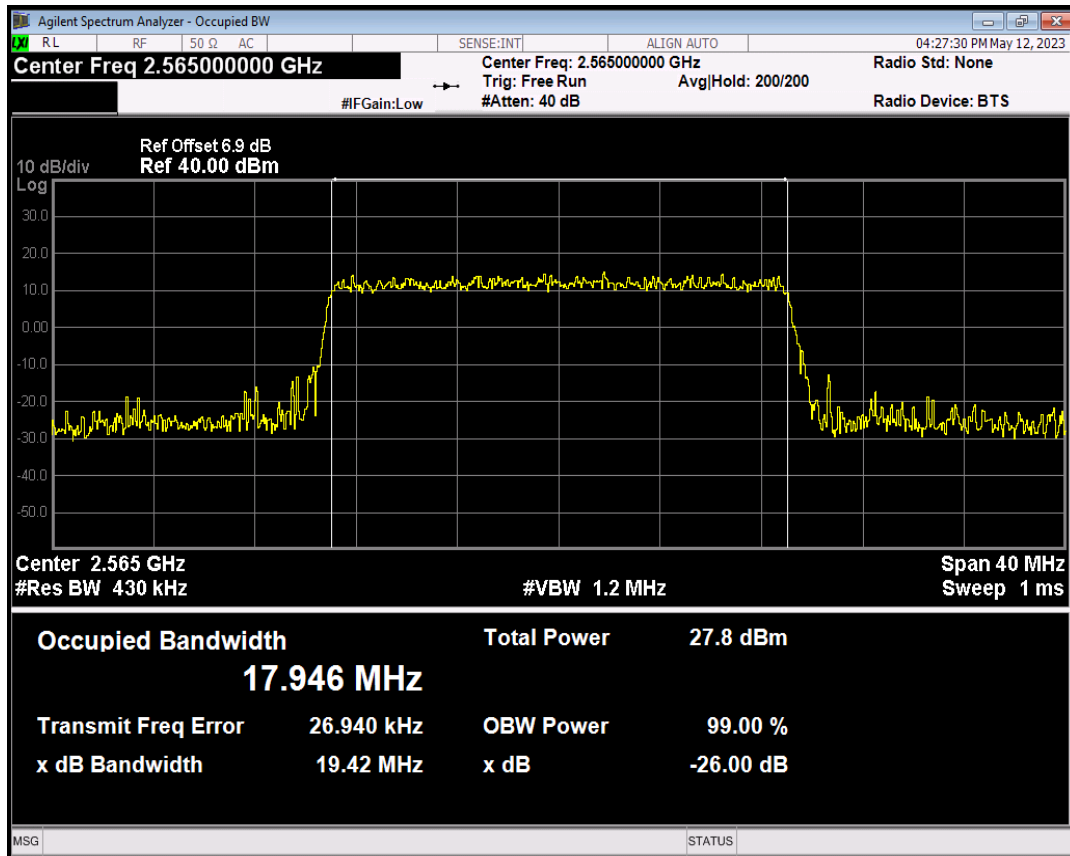
Band41(2555-2655) QPSK BW=15MHz Channel=41165 RB Size=75 Position=#0



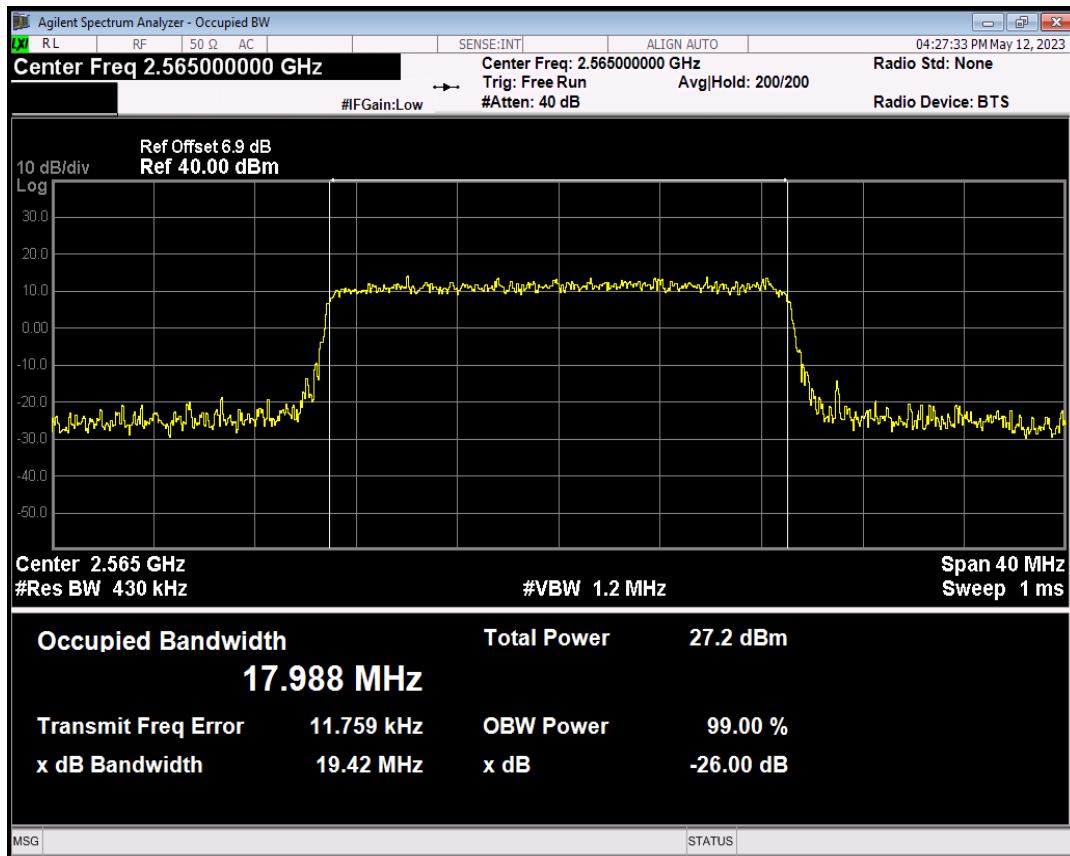
Band41(2555-2655) 16QAM BW=15MHz Channel=41165 RB Size=75 Position=#0



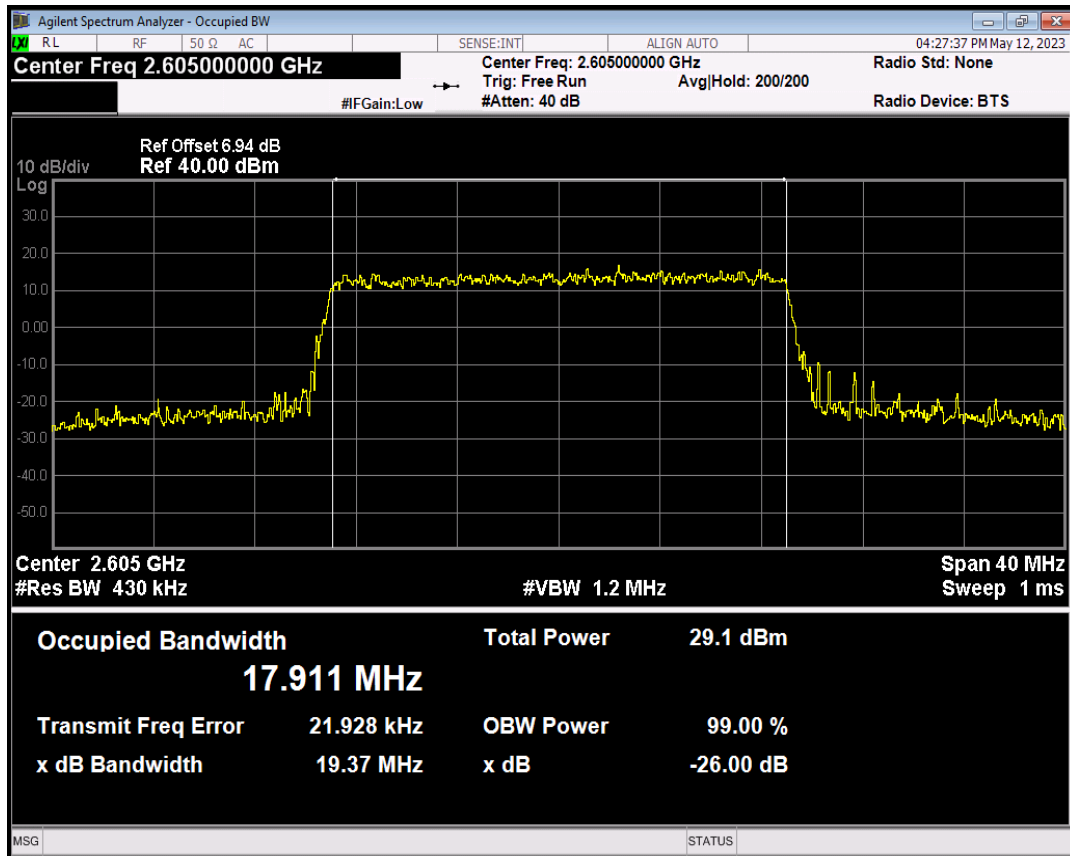
Band41(2555-2655) QPSK BW=20MHz Channel=40340 RB Size=100 Position=#0



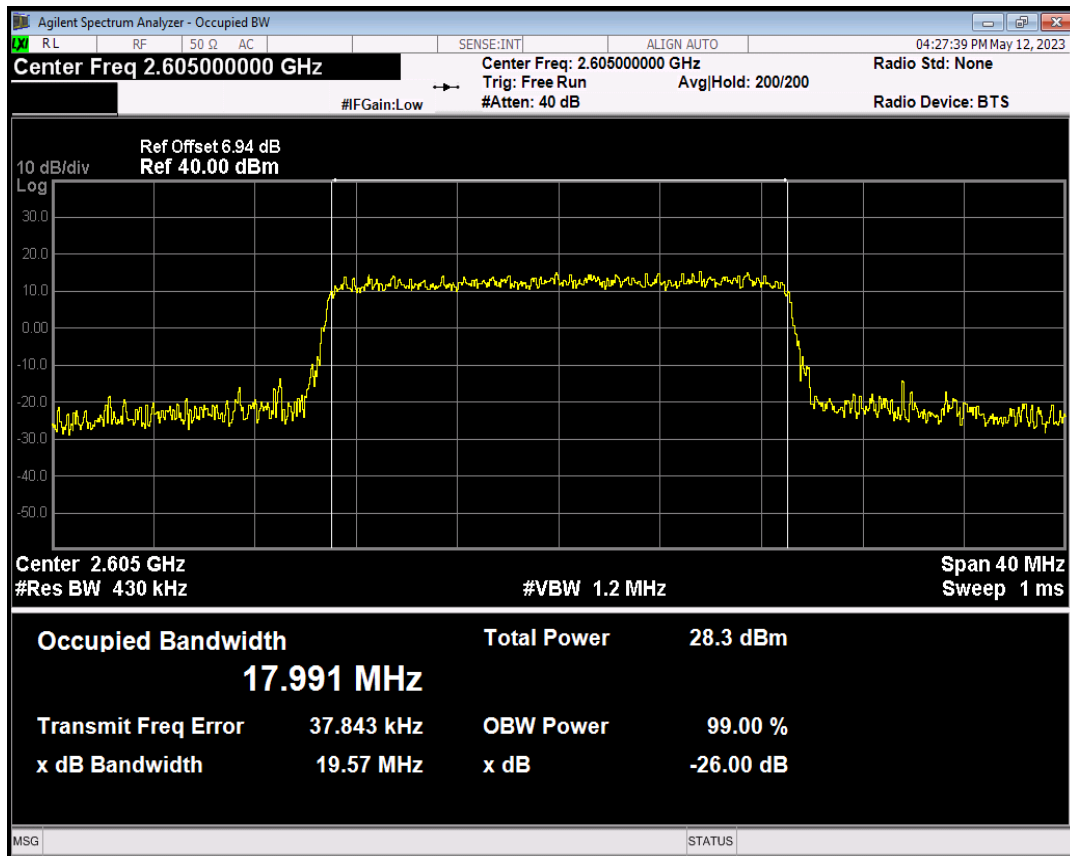
Band41(2555-2655) 16QAM BW=20MHz Channel=40340 RB Size=100 Position=#0



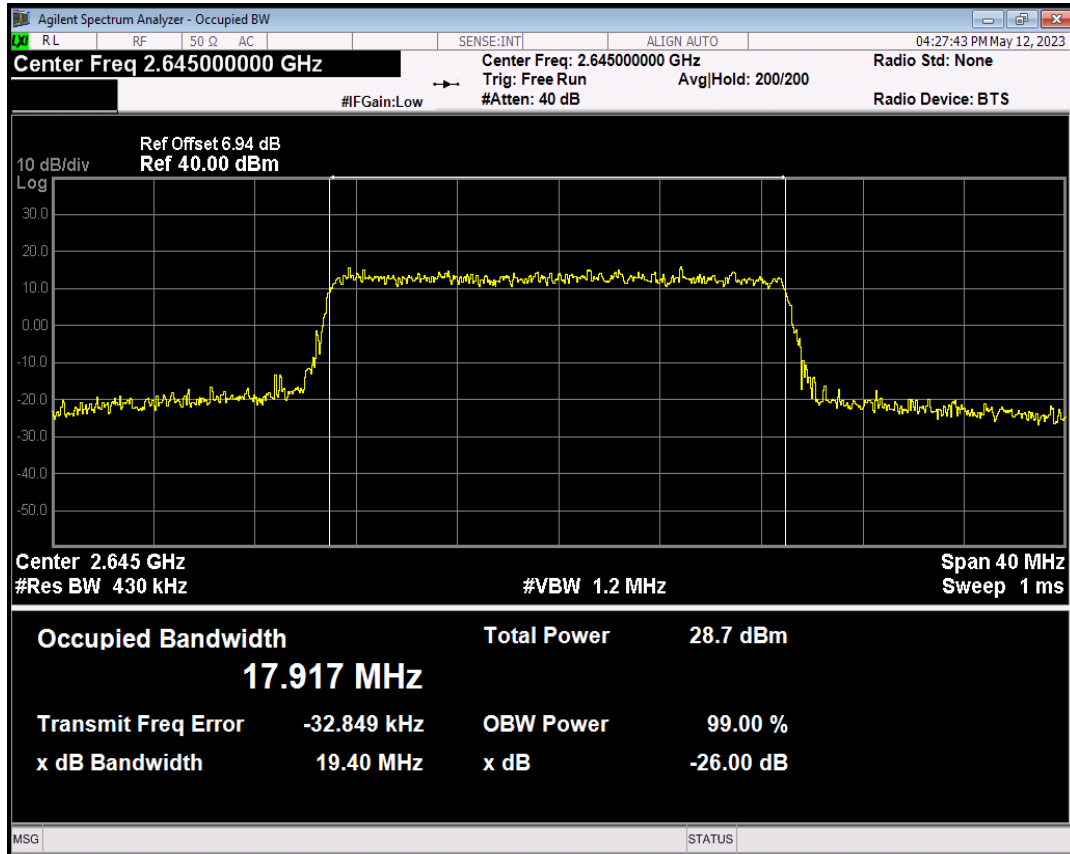
Band41(2555-2655) QPSK BW=20MHz Channel=40740 RB Size=100 Position=#0



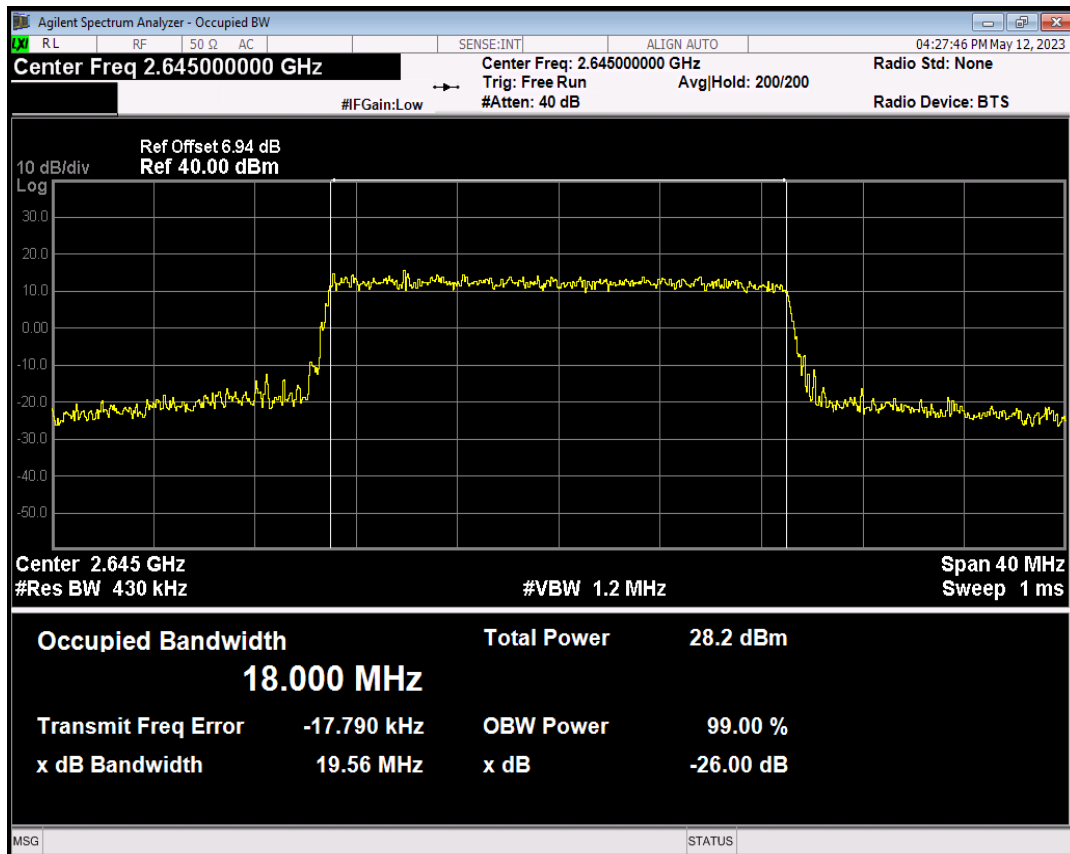
Band41(2555-2655) 16QAM BW=20MHz Channel=40740 RB Size=100 Position=#0



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



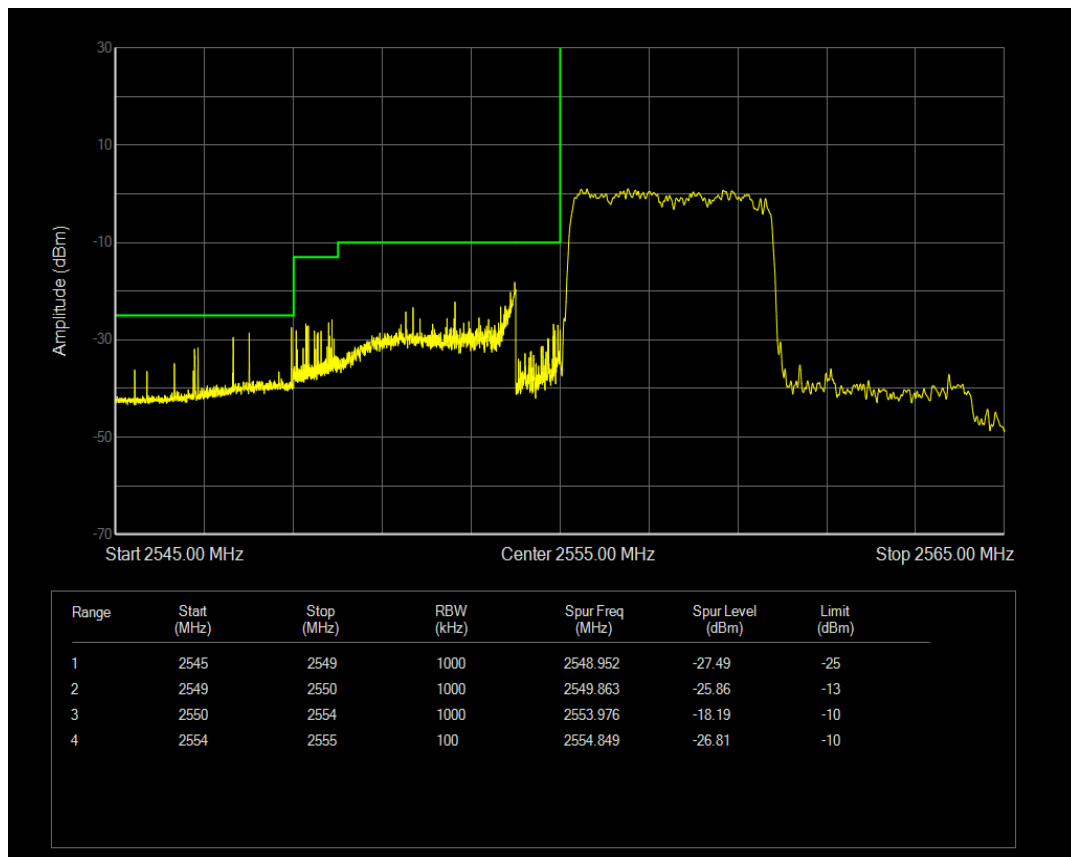
Band41(2555-2655) 16QAM BW=20MHz Channel=41140 RB Size=100 Position=#0



Appendix 5. Band edge

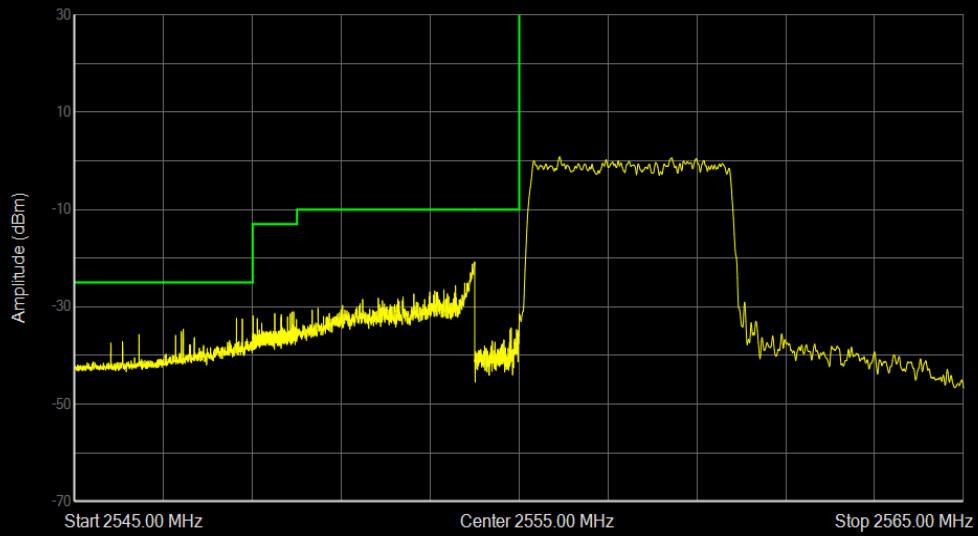
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band41(2555-2655)	5	40265	25	#0	QPSK	2548.95	-27.49	-25	PASS
Band41(2555-2655)	5	40265	25	#0	16QAM	2548.64	-32.38	-25	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	2656.04	-18.42	-10	PASS
Band41(2555-2655)	5	41215	25	#0	16QAM	2662.07	-33.89	-25	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	2544.61	-32.77	-25	PASS
Band41(2555-2655)	10	40290	50	#0	16QAM	2544.20	-32.53	-25	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	2665.21	-36.82	-25	PASS
Band41(2555-2655)	10	41190	50	#0	16QAM	2665.53	-37.71	-25	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	2539.74	-38.22	-25	PASS
Band41(2555-2655)	15	40315	75	#0	16QAM	2539.75	-38.44	-25	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	2670.24	-38.30	-25	PASS
Band41(2555-2655)	15	41165	75	#0	16QAM	2672.18	-38.20	-25	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	2533.31	-39.07	-25	PASS
Band41(2555-2655)	20	40340	100	#0	16QAM	2533.92	-39.34	-25	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	2675.80	-40.31	-25	PASS
Band41(2555-2655)	20	41140	100	#0	16QAM	2656.32	-25.68	-10	PASS

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



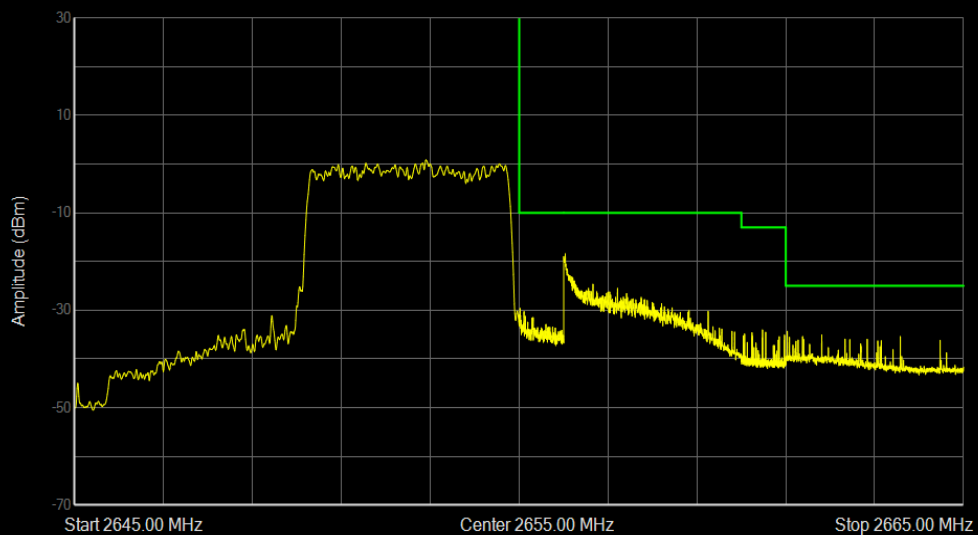


Band41(2555-2655) 16QAM BW=5MHz Channel=40265 RB Size=25 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2549	1000	2548.636	-32.38	-25
2	2549	2550	1000	2549.924	-31.03	-13
3	2550	2554	1000	2554	-20.77	-10
4	2554	2555	100	2554.998	-33.48	-10

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2655	2656	100	2655.019	-29.63	-10
2	2656	2660	1000	2656.036	-18.42	-10
3	2660	2661	1000	2660.476	-34.04	-13
4	2661	2665	1000	2661.032	-34.31	-25



Band41(2555-2655) 16QAM BW=5MHz Channel=41215 RB Size=25 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2655	2656	100	2655.017	-28.98	-10
2	2656	2660	1000	2656.024	-20.11	-10
3	2660	2661	1000	2660.098	-31.72	-13
4	2661	2665	1000	2662.068	-33.89	-25

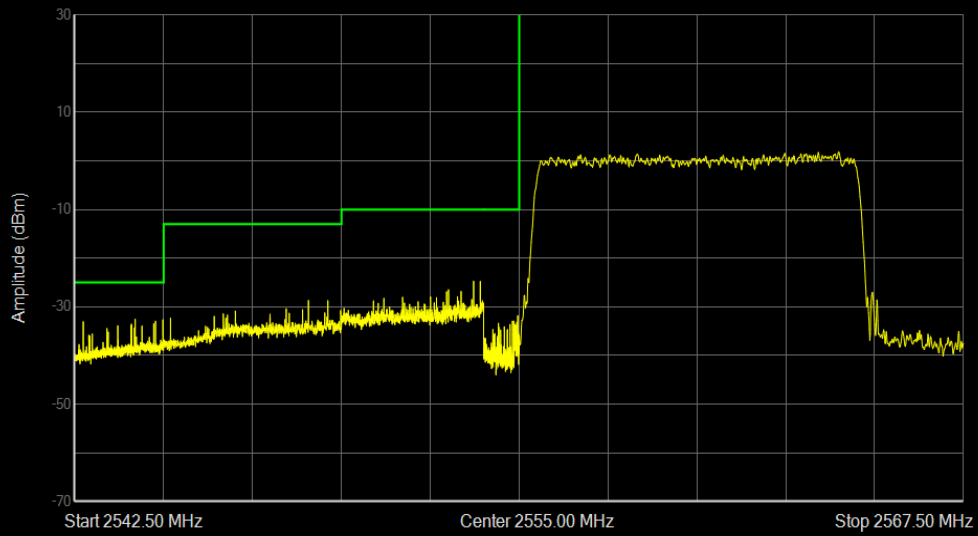
Band41(2555-2655) QPSK BW=10MHz Channel=40290 RB Size=50 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2542.5	2545	1000	2544.6125	-32.77	-25
2	2545	2550	1000	2549.305	-25.54	-13
3	2550	2554	1000	2553.712	-21.9	-10
4	2554	2555	200	2554.956	-27.8	-10



Band41(2555-2655) 16QAM BW=10MHz Channel=40290 RB Size=50 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2542.5	2545	1000	2544.195	-32.53	-25
2	2545	2550	1000	2549.07	-28.7	-13
3	2550	2554	1000	2553.716	-24.73	-10
4	2554	2555	200	2554.96	-31.81	-10

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2655	2656	200	2655.002	-28.45	-10
2	2656	2660	1000	2656.084	-26.22	-10
3	2660	2665	1000	2660.11	-30.88	-13
4	2665	2667.5	1000	2665.2075	-36.82	-25



Band41(2555-2655) 16QAM BW=10MHz Channel=41190 RB Size=50 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2655	2656	200	2655.631	-31.67	-10
2	2656	2660	1000	2656.968	-27.04	-10
3	2660	2665	1000	2660.265	-31.41	-13
4	2665	2667.5	1000	2665.5325	-37.71	-25

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2536.25	2540	1000	2539.74125	-38.22	-25
2	2540	2550	1000	2549.87	-31.69	-13
3	2550	2554	1000	2553.2	-26.79	-10
4	2554	2555	300	2554.857	-27.38	-10

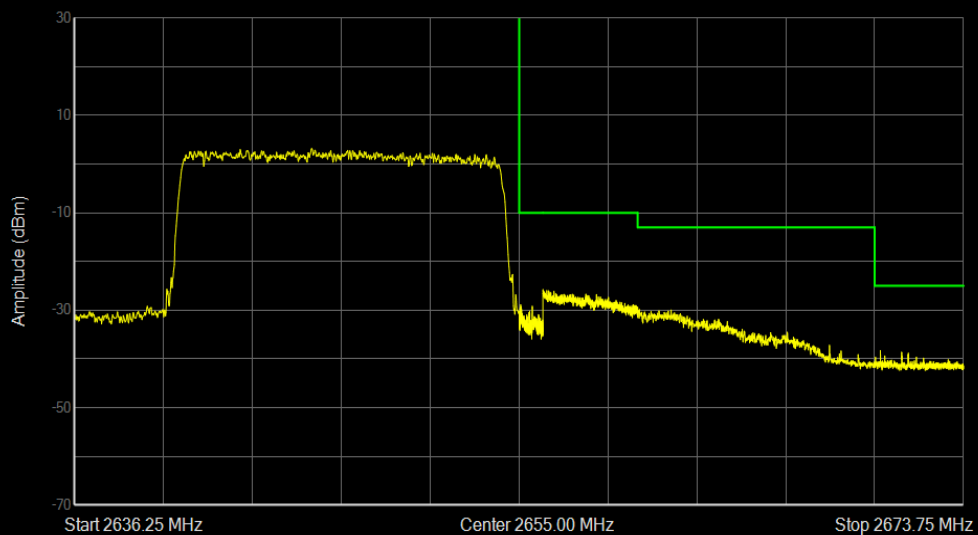


Band41(2555-2655) 16QAM BW=15MHz Channel=40315 RB Size=75 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2536.25	2540	1000	2539.745	-38.44	-25
2	2540	2550	1000	2549.65	-31.25	-13
3	2550	2554	1000	2552.832	-27.89	-10
4	2554	2555	300	2554.834	-30.49	-10

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2655	2656	300	2655.063	-28.88	-10
2	2656	2660	1000	2656.004	-25.78	-10
3	2660	2670	1000	2660.07	-29.84	-13
4	2670	2673.75	1000	2670.24	-38.3	-25



Band41(2555-2655) 16QAM BW=15MHz Channel=41165 RB Size=75 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2655	2656	300	2655.047	-29.1	-10
2	2656	2660	1000	2656.016	-27.9	-10
3	2660	2670	1000	2660.29	-28.36	-13
4	2670	2673.75	1000	2672.175	-38.2	-25

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2530	2535	1000	2533.31	-39.07	-25
2	2535	2550	1000	2549.715	-32.46	-13
3	2550	2554	1000	2553.24	-29.02	-10
4	2554	2555	430	2554.959	-30.41	-10

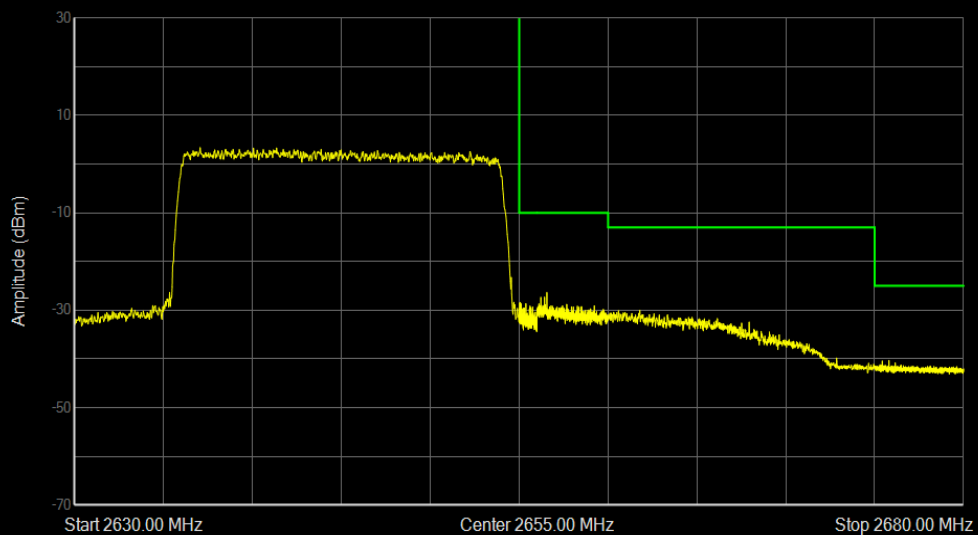


Band41(2555-2655) 16QAM BW=20MHz Channel=40340 RB Size=100 Position=#0



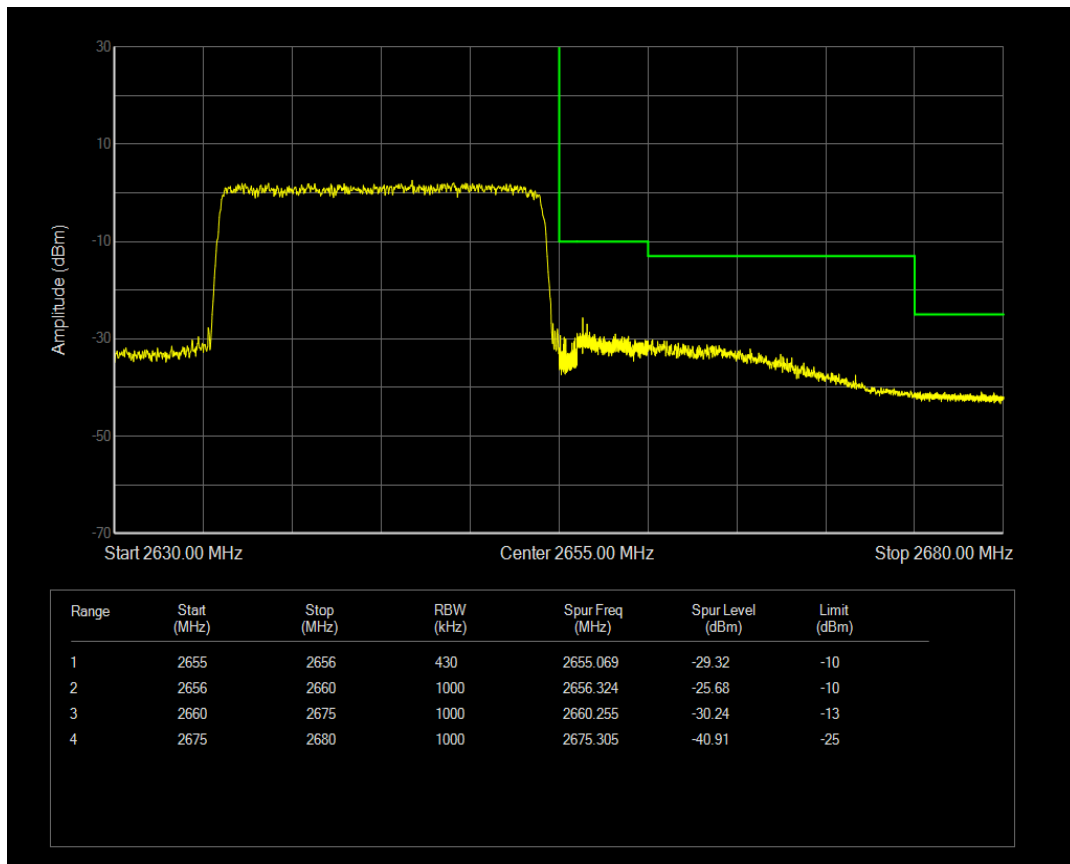
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2530	2535	1000	2533.915	-39.34	-25
2	2535	2550	1000	2548.71	-33.11	-13
3	2550	2554	1000	2553.68	-29.28	-10
4	2554	2555	430	2554.962	-31.71	-10

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2655	2656	430	2655.058	-28.45	-10
2	2656	2660	1000	2656.556	-26.37	-10
3	2660	2675	1000	2661.785	-30.01	-13
4	2675	2680	1000	2675.8	-40.31	-25

Band41(2555-2655) 16QAM BW=20MHz Channel=41140 RB Size=100 Position=#0

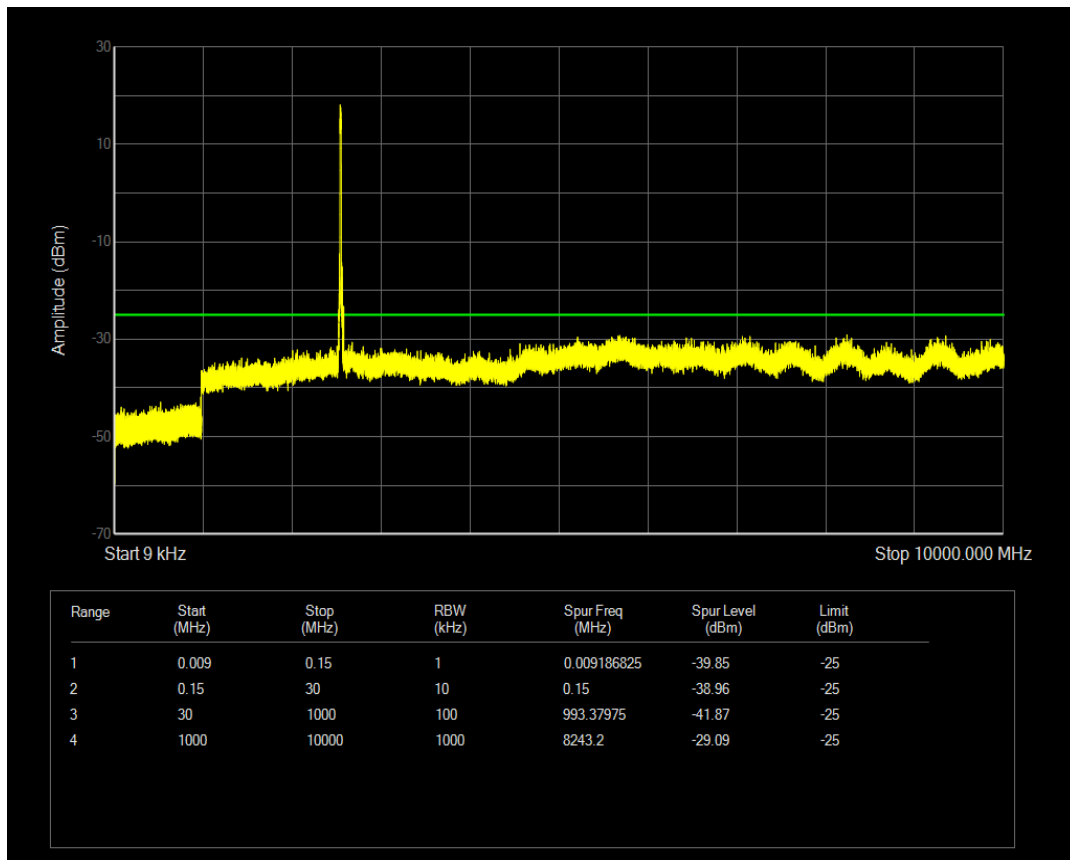


Appendix 6. Out-of-band emissions

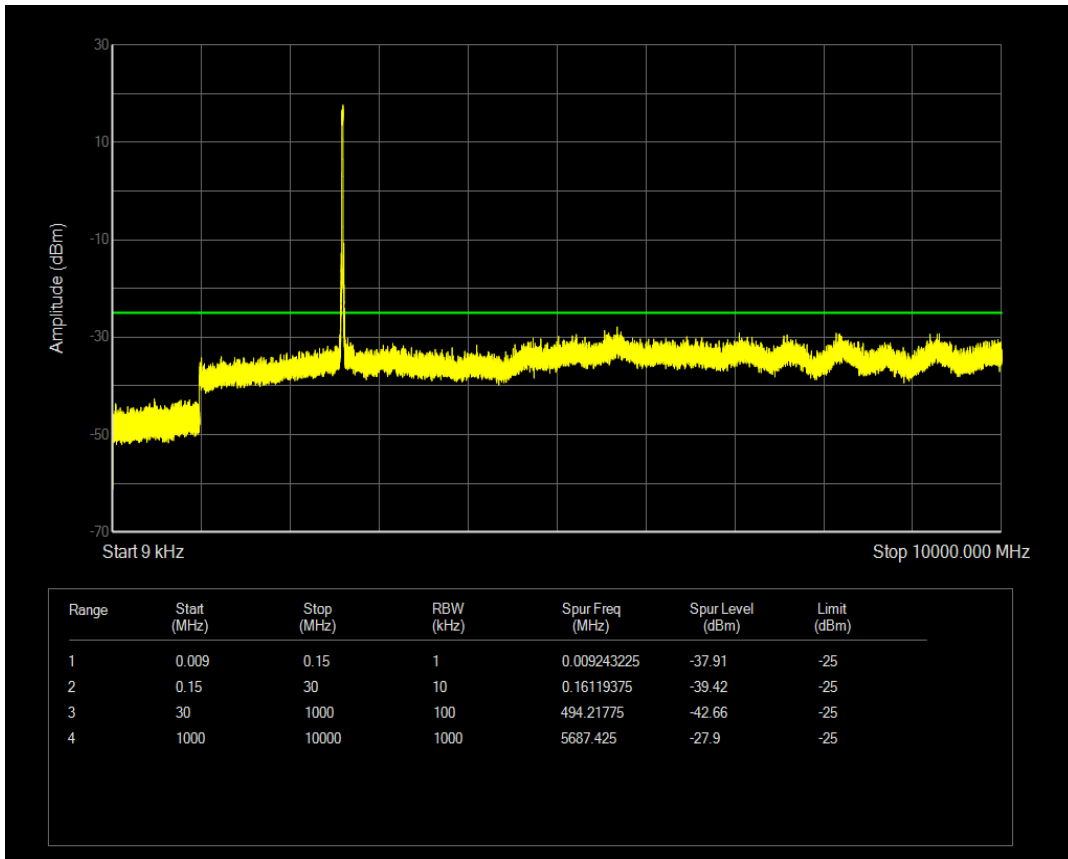
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band41(2555-2655)	5	40265	25	#0	QPSK	5622.40	-28.38	-25	PASS
Band41(2555-2655)	5	40265	25	#0	16QAM	9320.50	-28.03	-25	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	5736.48	-27.69	-25	PASS
Band41(2555-2655)	5	40740	25	#0	16QAM	5747.28	-28.61	-25	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	5711.28	-28.39	-25	PASS
Band41(2555-2655)	5	41215	25	#0	16QAM	5706.55	-28.63	-25	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	5714.65	-28.28	-25	PASS
Band41(2555-2655)	10	40290	50	#0	16QAM	5673.48	-27.96	-25	PASS
Band41(2555-2655)	10	40740	50	#0	QPSK	8143.30	-27.87	-25	PASS
Band41(2555-2655)	10	40740	50	#0	16QAM	8251.75	-28.69	-25	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	5273.20	-28.70	-25	PASS
Band41(2555-2655)	10	41190	50	#0	16QAM	5680.45	-28.05	-25	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	5698.90	-28.60	-25	PASS
Band41(2555-2655)	15	40315	75	#0	16QAM	8243.20	-29.09	-25	PASS
Band41(2555-2655)	15	40740	75	#0	QPSK	5722.08	-27.64	-25	PASS
Band41(2555-2655)	15	40740	75	#0	16QAM	5687.43	-27.90	-25	PASS

Band41(2555-2655)	15	41165	75	#0	QPSK	9289.23	-28.76	-25	PASS
Band41(2555-2655)	15	41165	75	#0	16QAM	5716.45	-28.00	-25	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	8236.68	-28.77	-25	PASS
Band41(2555-2655)	20	40340	100	#0	16QAM	5698.68	-28.51	-25	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	5662.68	-28.48	-25	PASS
Band41(2555-2655)	20	40740	100	#0	16QAM	5732.88	-28.41	-25	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	5674.15	-28.41	-25	PASS
Band41(2555-2655)	20	41140	100	#0	16QAM	8231.05	-28.35	-25	PASS

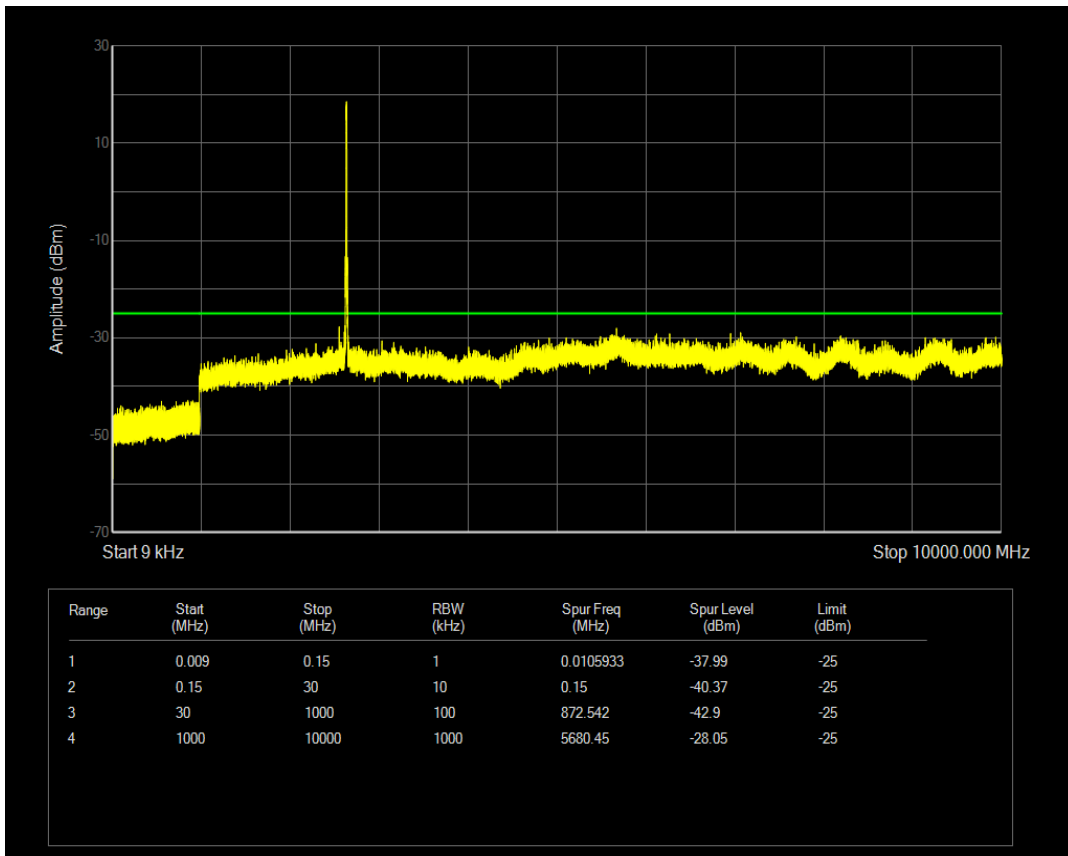
Band41 16QAM BW=15MHz Channel=40315 RB Size=75 Position=#0



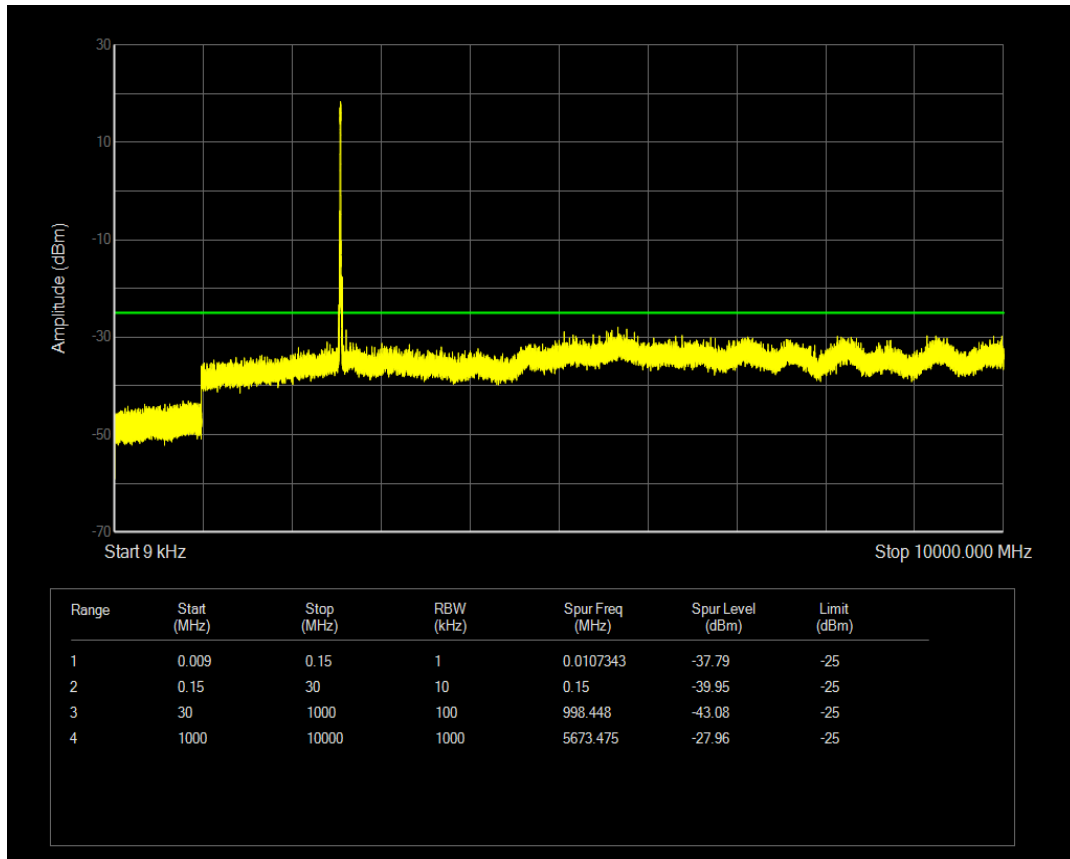
Band41 16QAM BW=15MHz Channel=40740 RB Size=75 Position=#0



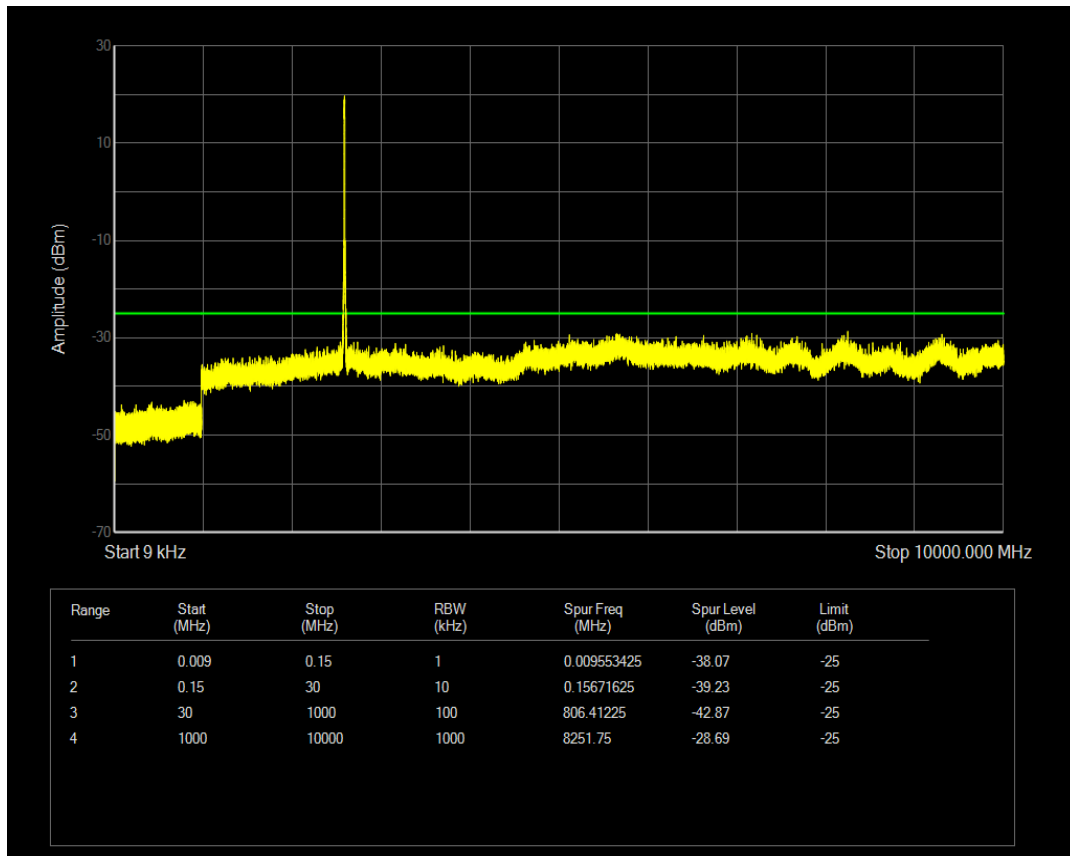
Band41 16QAM BW=10MHz Channel=41190 RB Size=50 Position=#0



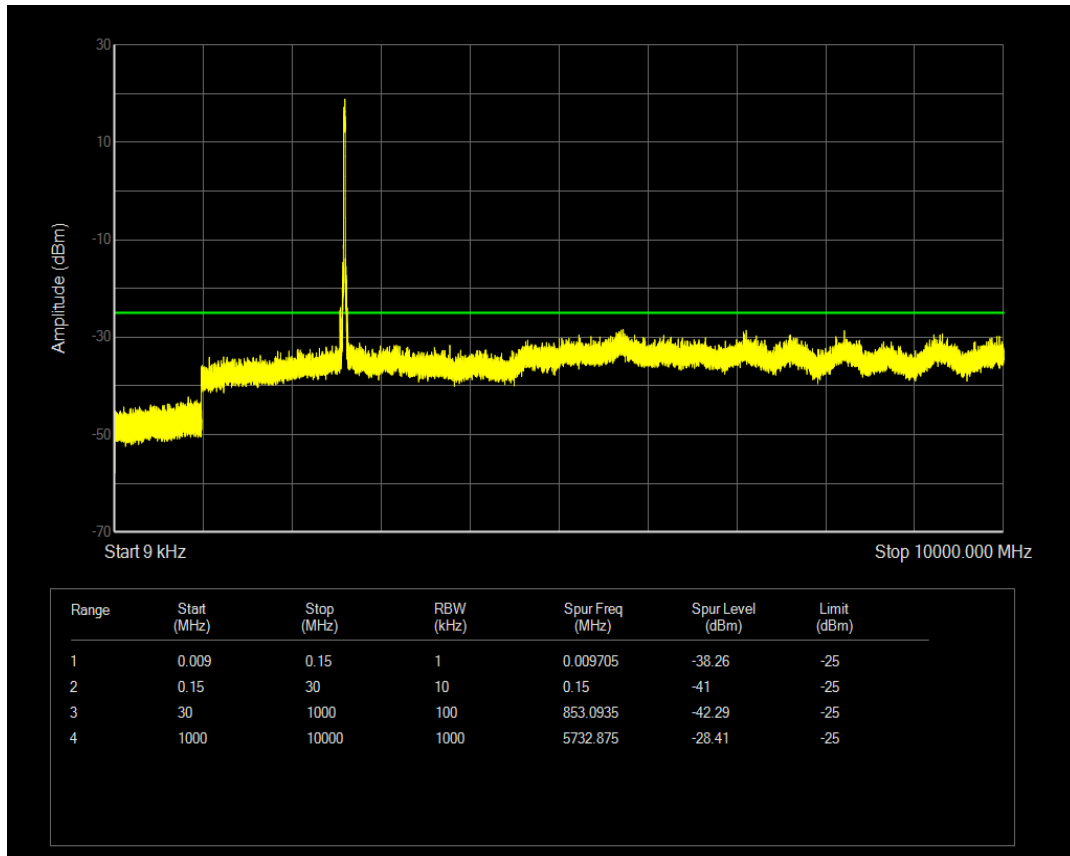
Band41 16QAM BW=10MHz Channel=40290 RB Size=50 Position=#0



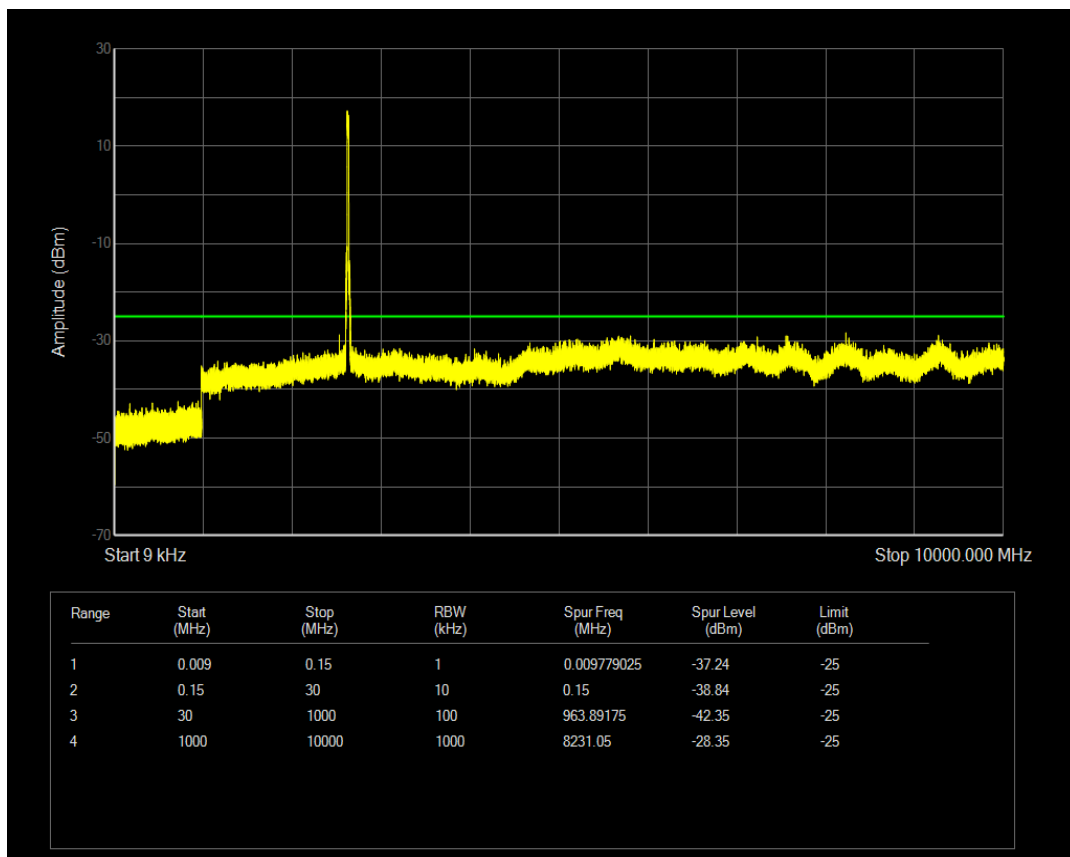
Band41 16QAM BW=10MHz Channel=40740 RB Size=50 Position=#0



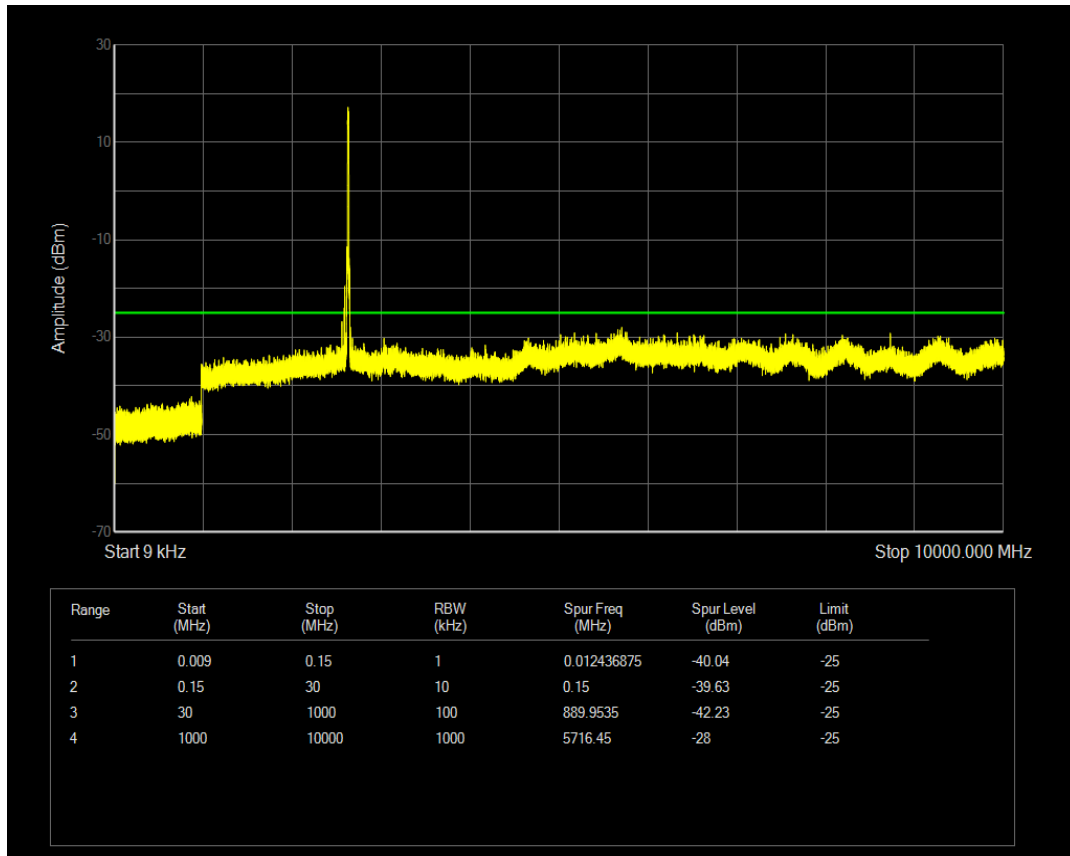
Band41 16QAM BW=20MHz Channel=40740 RB Size=100 Position=#0



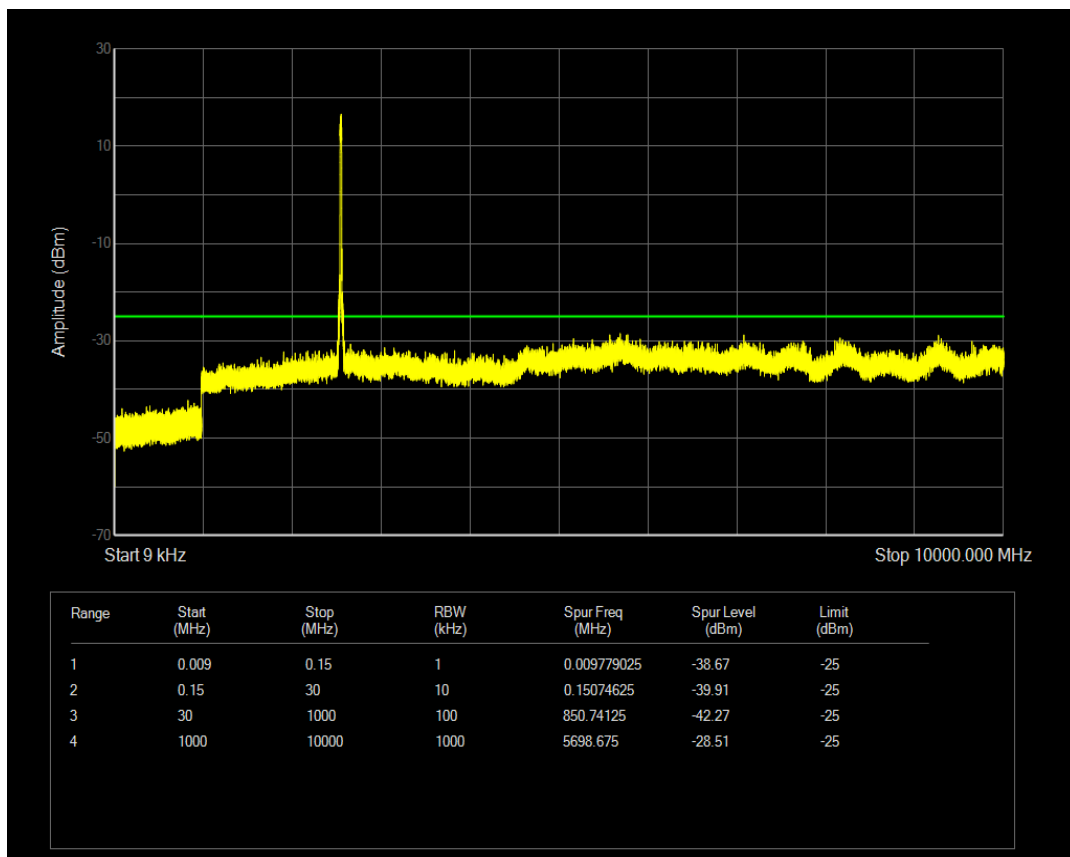
Band41 16QAM BW=20MHz Channel=41140 RB Size=100 Position=#0



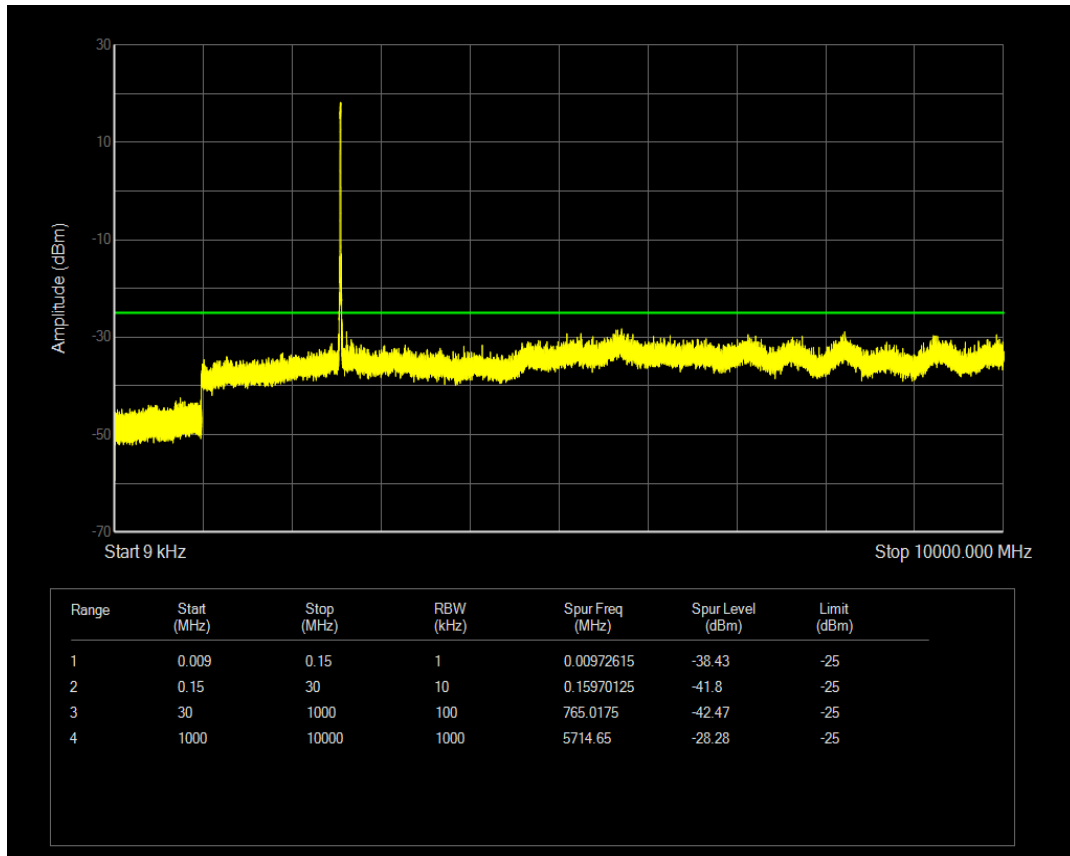
Band41 16QAM BW=15MHz Channel=41165 RB Size=75 Position=#0



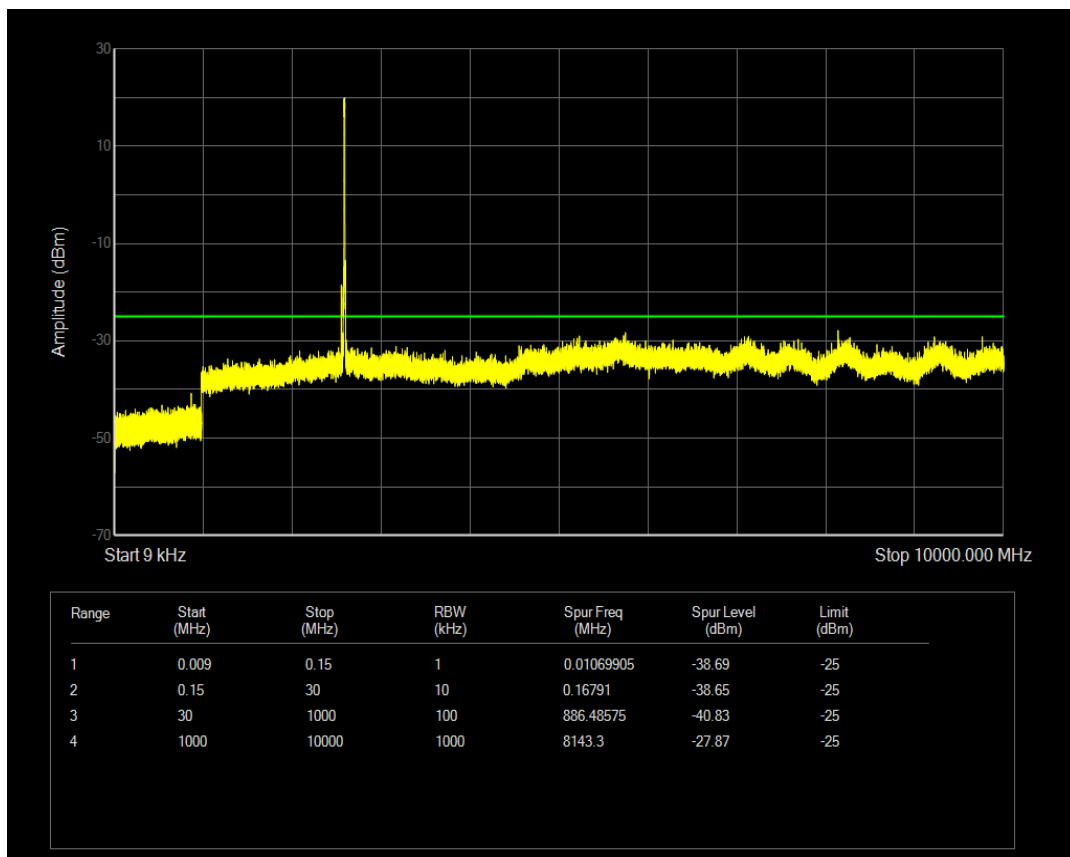
Band41 16QAM BW=20MHz Channel=40340 RB Size=100 Position=#0



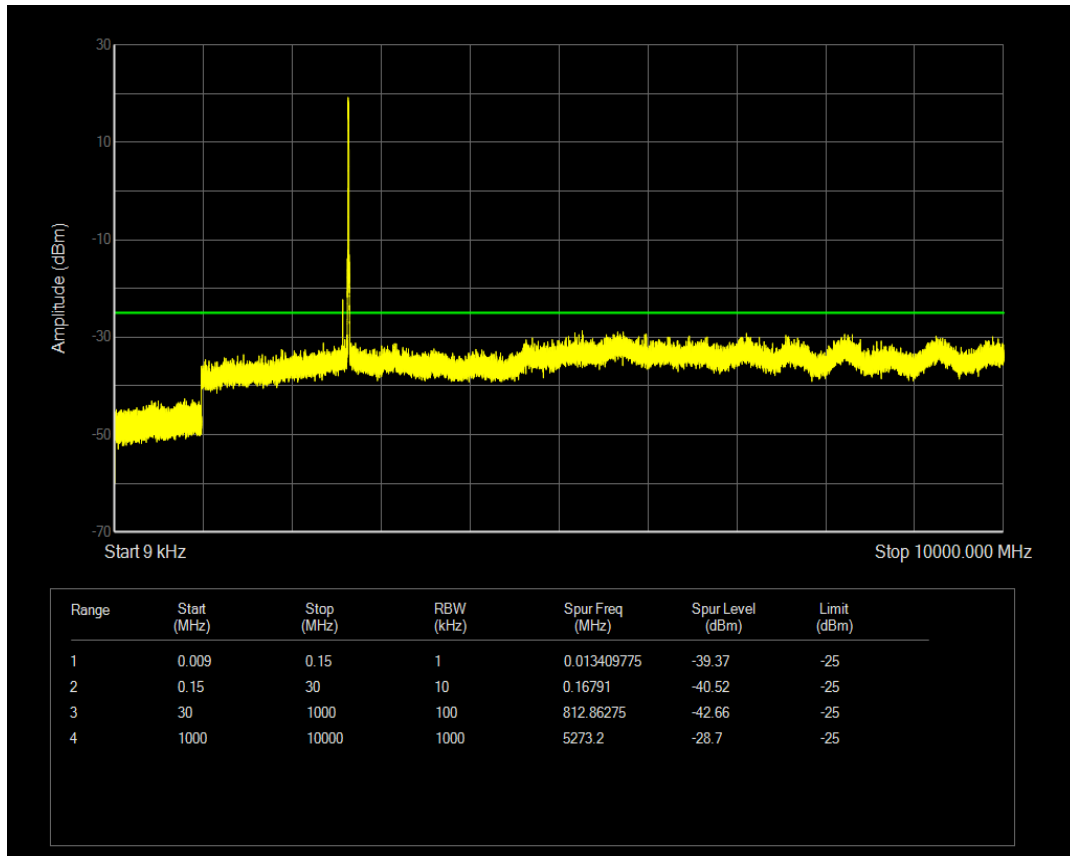
Band41 QPSK BW=10MHz Channel=40290 RB Size=50 Position=#0



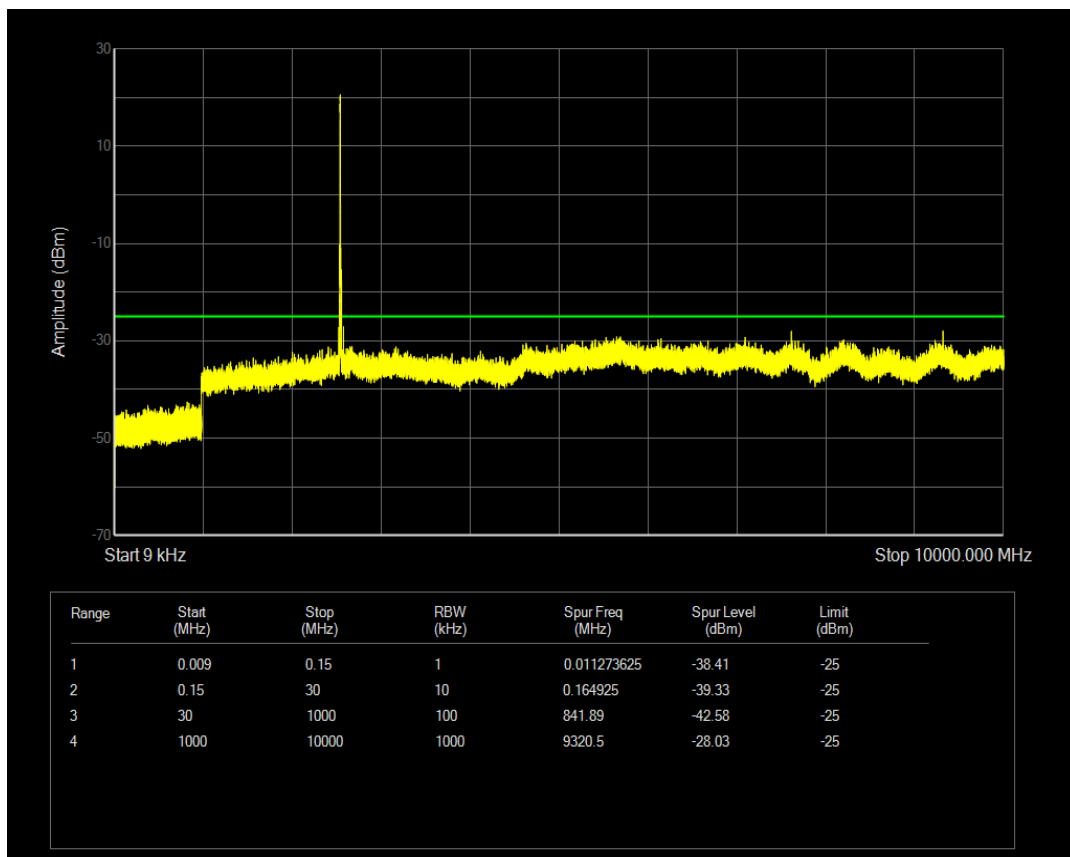
Band41 QPSK BW=10MHz Channel=40740 RB Size=50 Position=#0



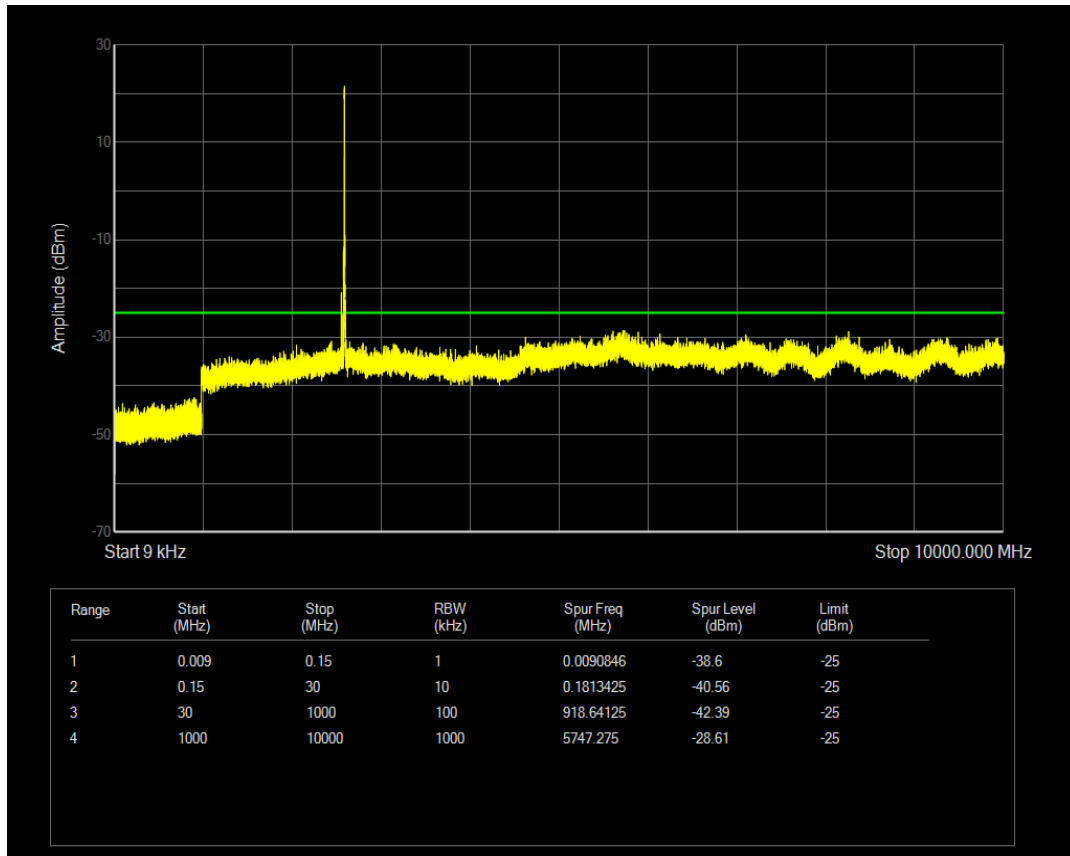
Band41 QPSK BW=10MHz Channel=41190 RB Size=50 Position=#0



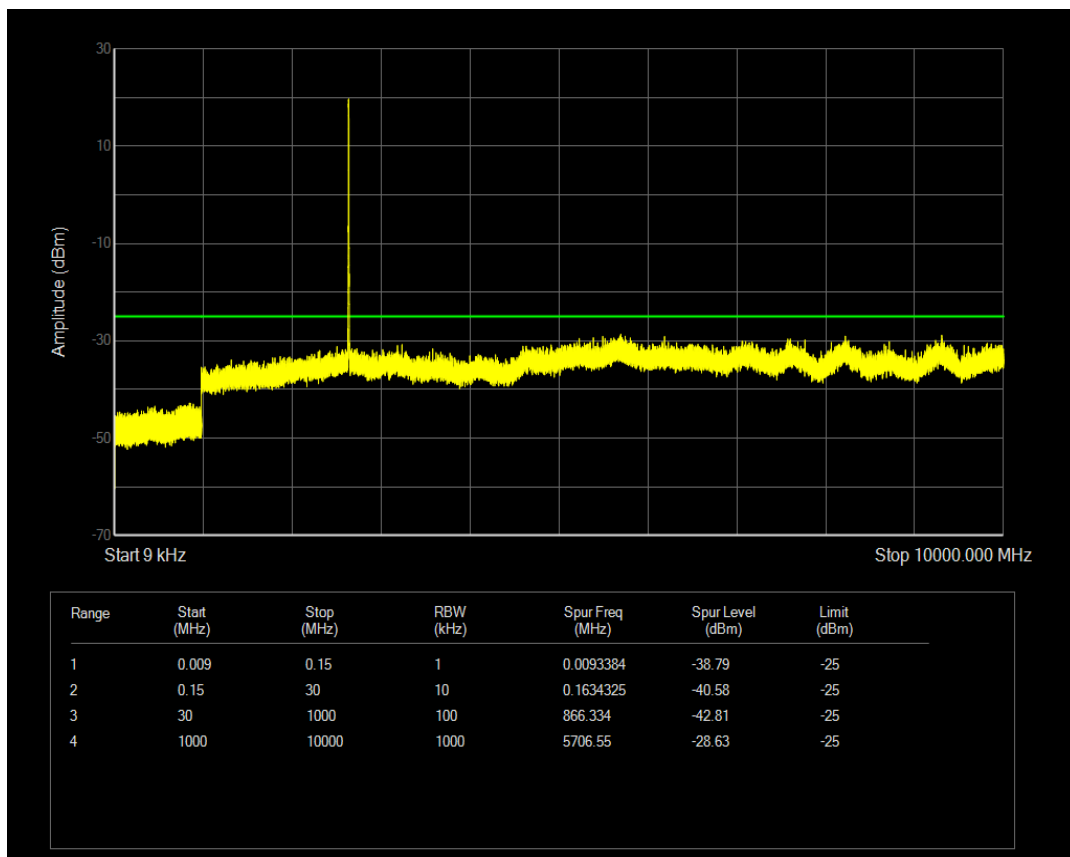
Band41 16QAM BW=5MHz Channel=40265 RB Size=25 Position=#0



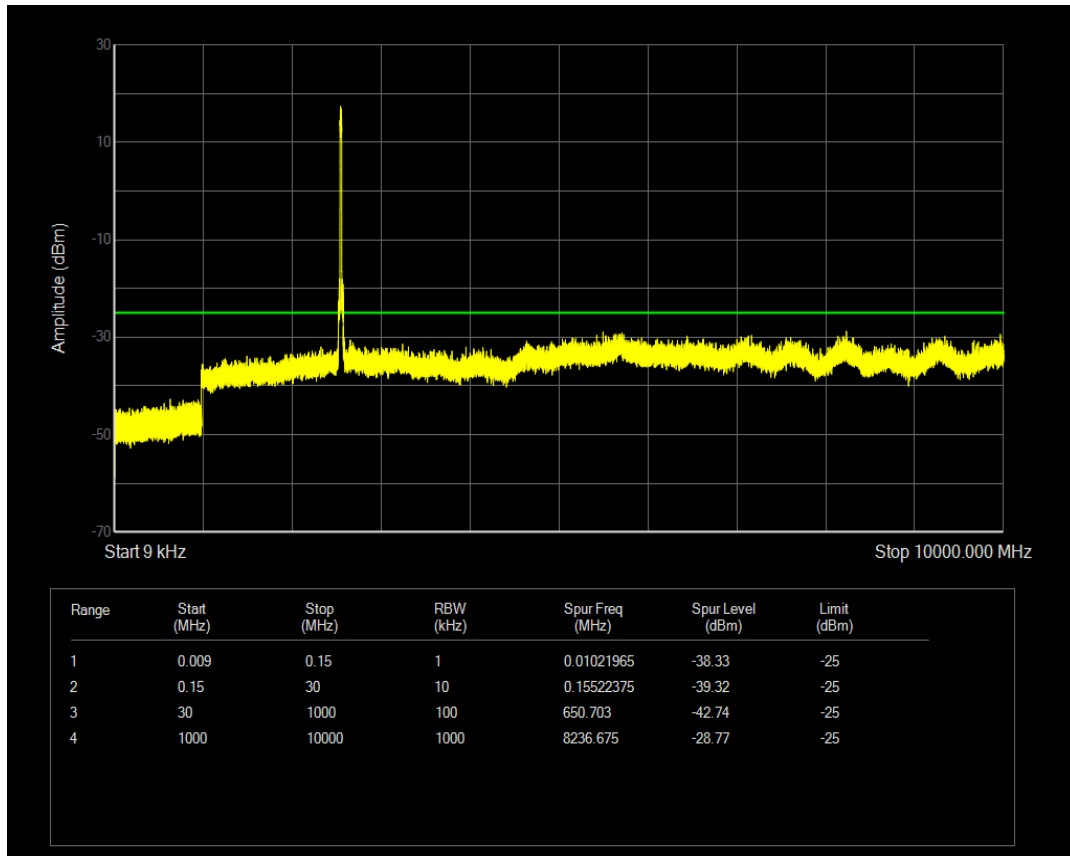
Band41 16QAM BW=5MHz Channel=40740 RB Size=25 Position=#0



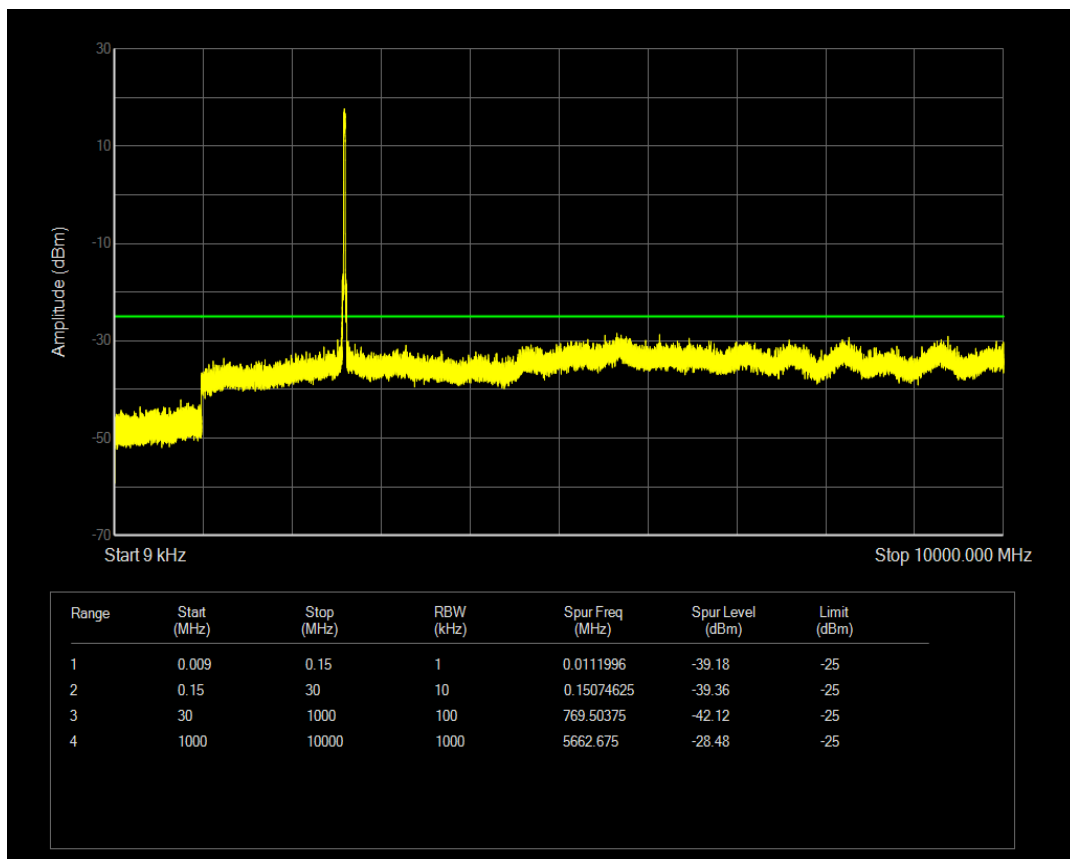
Band41 16QAM BW=5MHz Channel=41215 RB Size=25 Position=#0



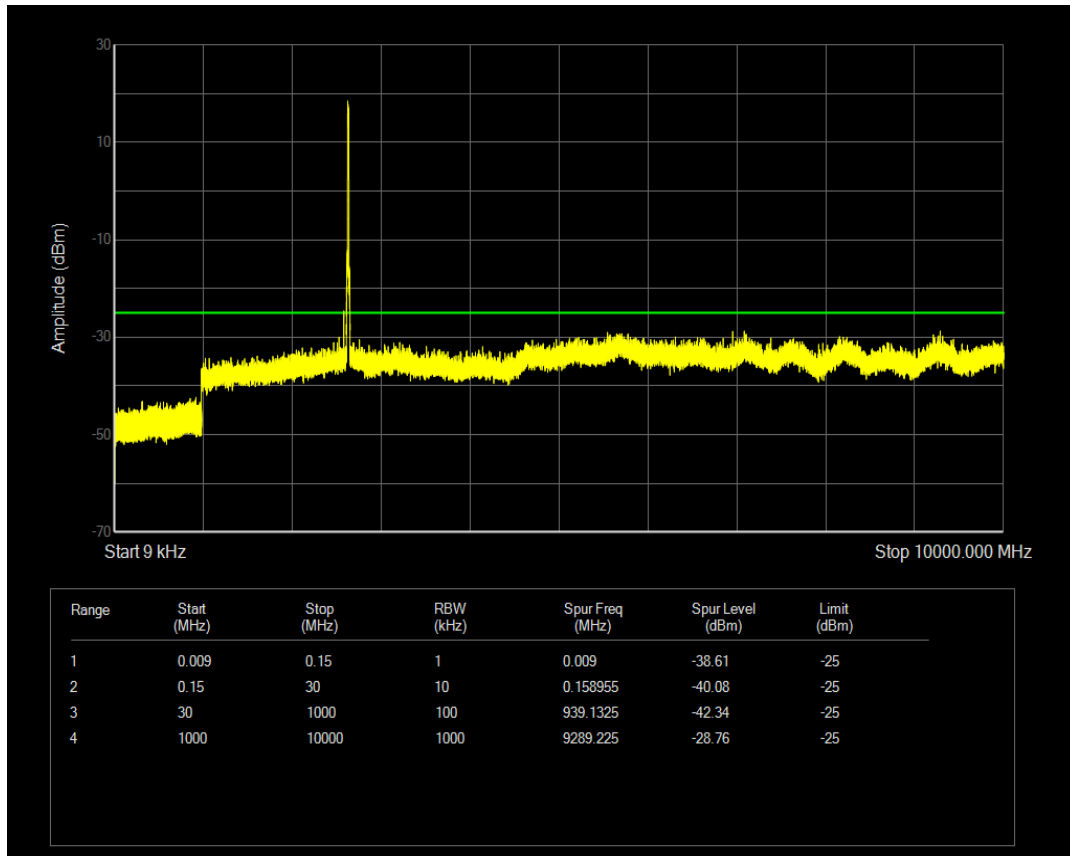
Band41 QPSK BW=20MHz Channel=40340 RB Size=100 Position=#0



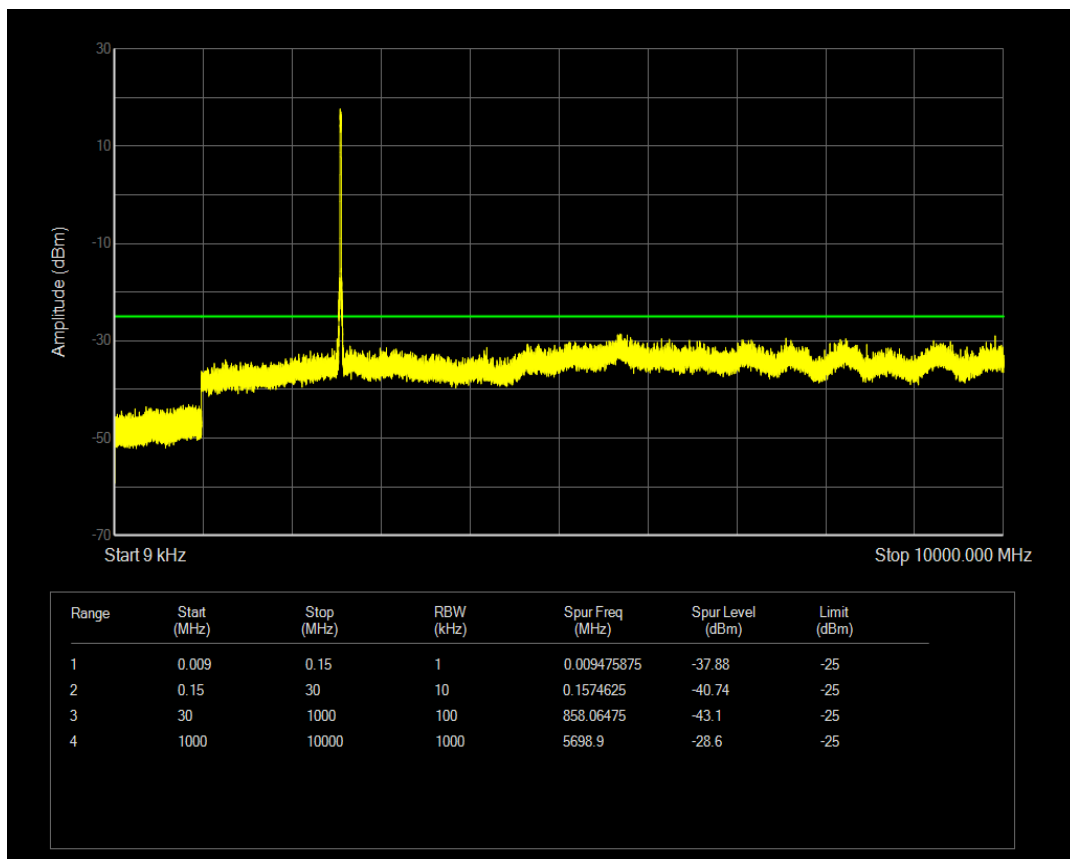
Band41 QPSK BW=20MHz Channel=40740 RB Size=100 Position=#0



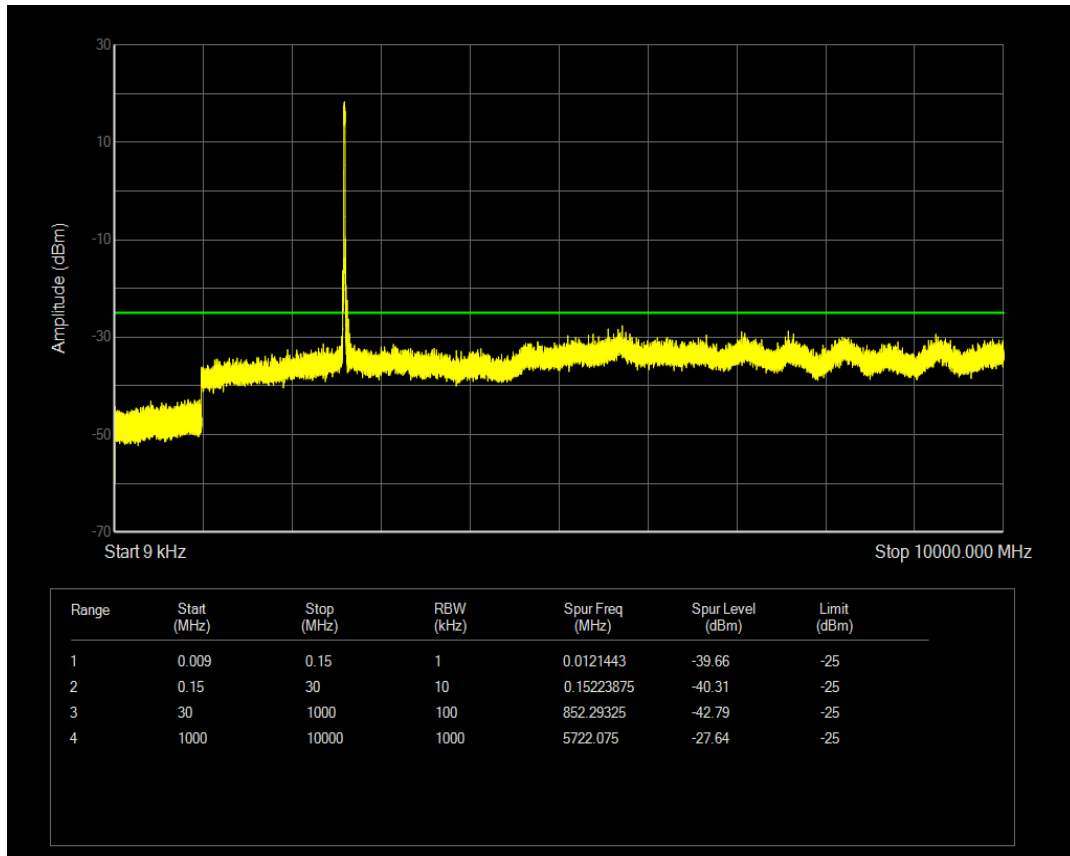
Band41 QPSK BW=15MHz Channel=41165 RB Size=75 Position=#0



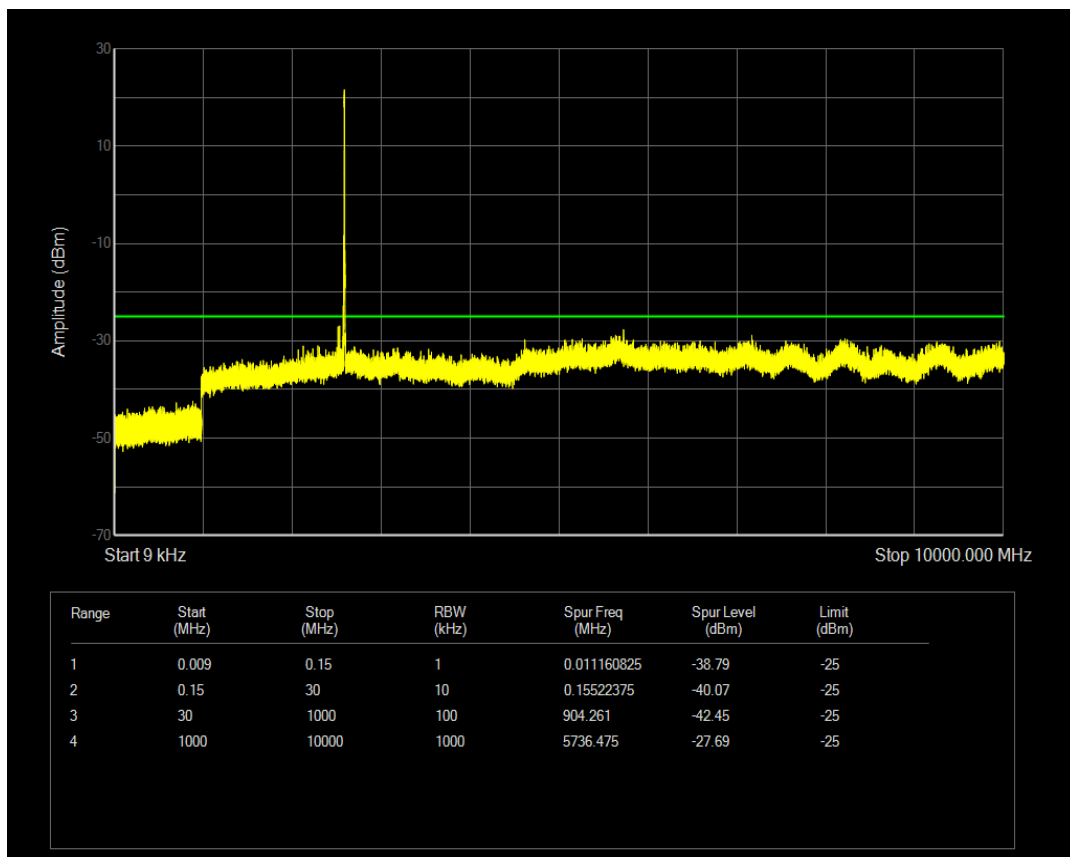
Band41 QPSK BW=15MHz Channel=40315 RB Size=75 Position=#0



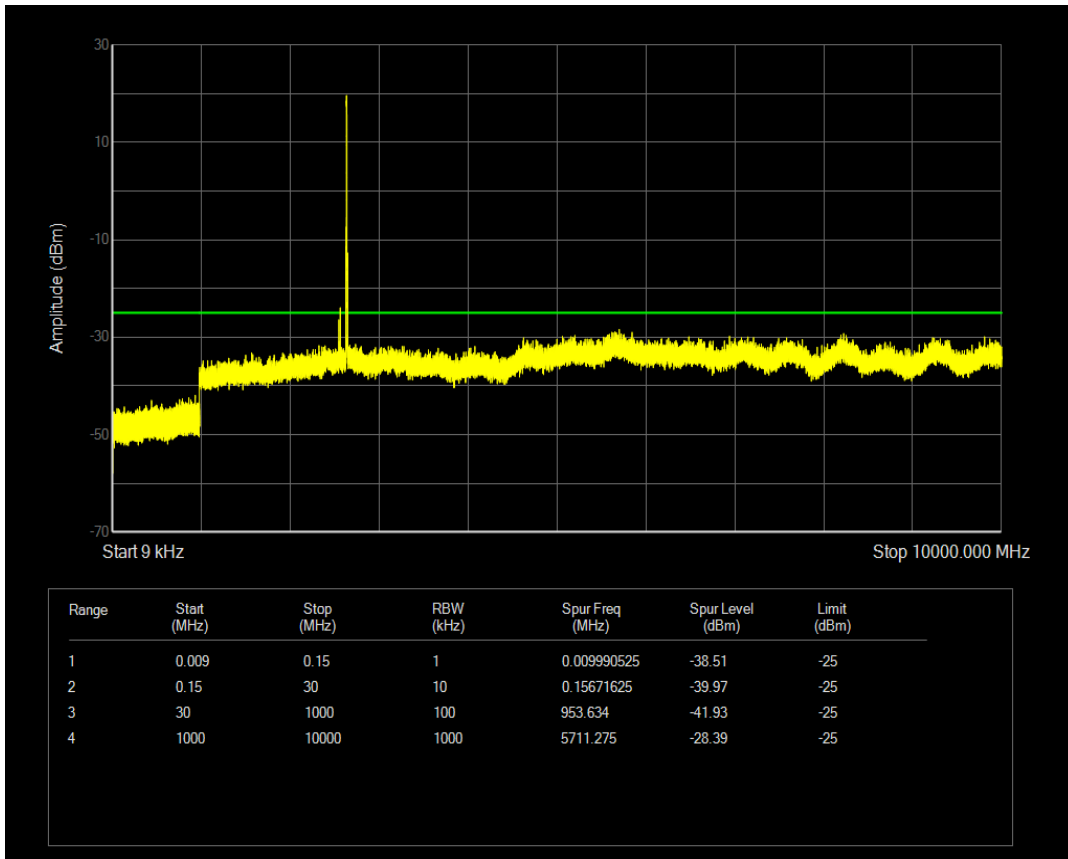
Band41 QPSK BW=15MHz Channel=40740 RB Size=75 Position=#0



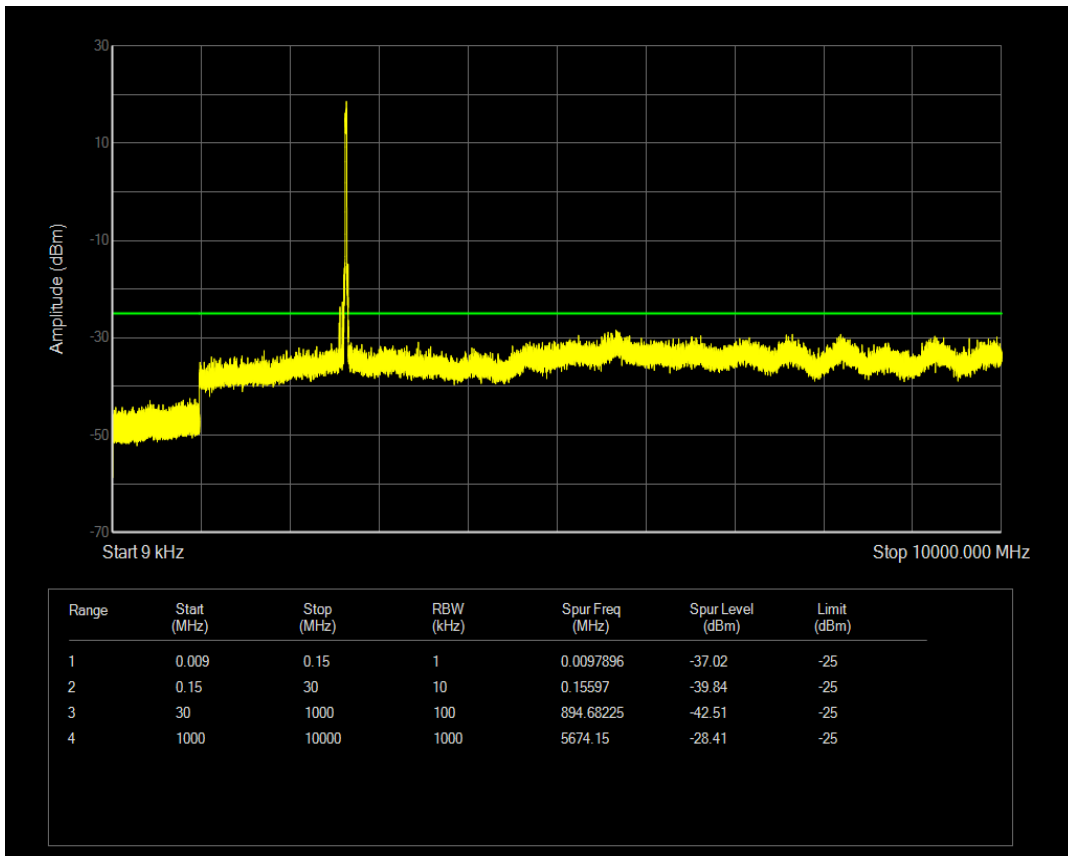
Band41 QPSK BW=5MHz Channel=40740 RB Size=25 Position=#0



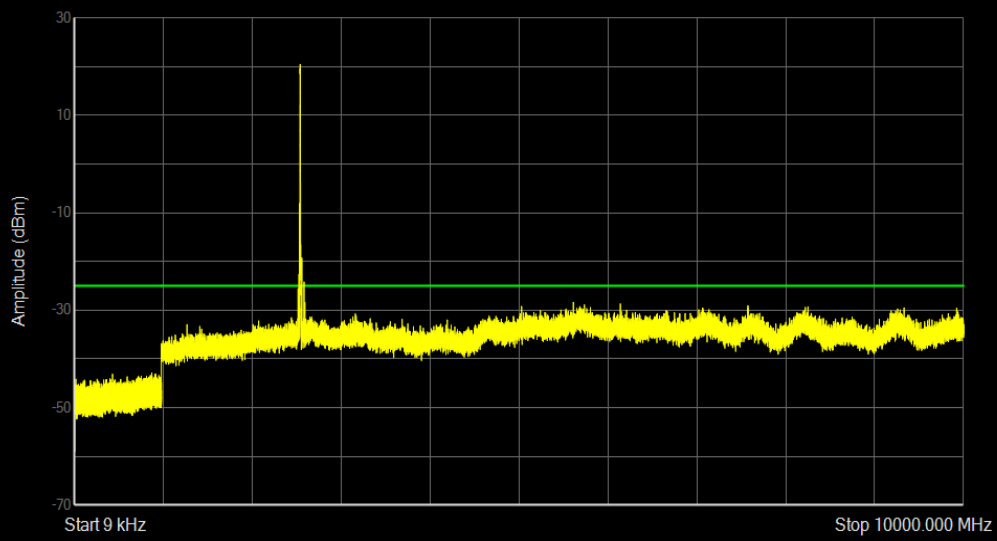
Band41 QPSK BW=5MHz Channel=41215 RB Size=25 Position=#0



Band41 QPSK BW=20MHz Channel=41140 RB Size=100 Position=#0



Band41 QPSK BW=5MHz Channel=40265 RB Size=25 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0116931	-39.99	-25
2	0.15	30	10	0.15074625	-40.5	-25
3	30	1000	100	893.397	-42.85	-25
4	1000	10000	1000	5622.4	-28.38	-25

