

Appendix for Band 41

Report No.: BCTC2308365526-4E

Applicant: HongKong Umedia Limited

Product Name: Smart watch

Model/Type
Reference: S4

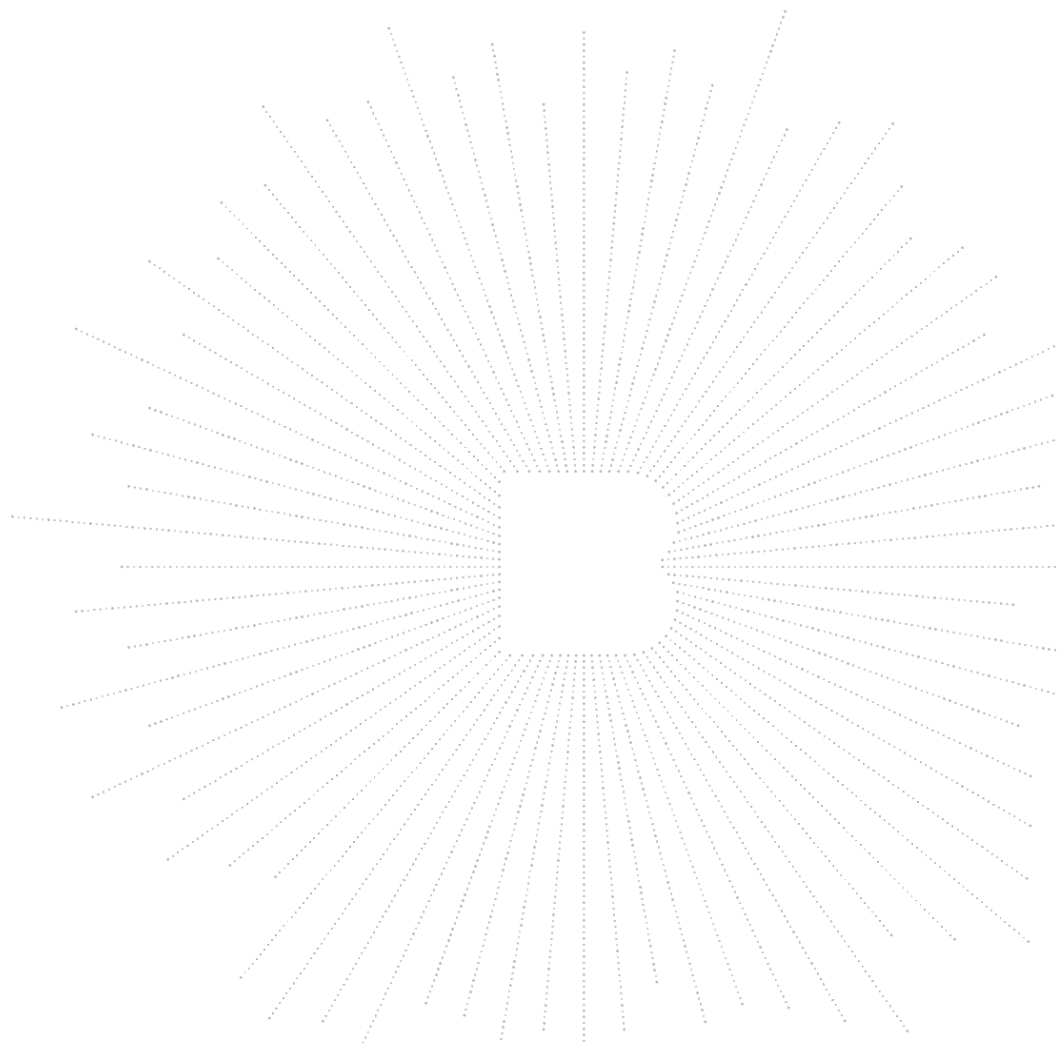
Tested Date: 2023-08-28 to 2023-11-18

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)	Verdict
Band41(2535-2675)	5	40065	1	#0	QPSK	20.37	PASS
Band41(2535-2675)	5	40065	1	#Mid	QPSK	20.40	PASS
Band41(2535-2675)	5	40065	1	#Max	QPSK	20.39	PASS
Band41(2535-2675)	5	40065	12	#0	QPSK	19.49	PASS
Band41(2535-2675)	5	40065	12	#Mid	QPSK	19.51	PASS
Band41(2535-2675)	5	40065	12	#Max	QPSK	19.51	PASS
Band41(2535-2675)	5	40065	25	#0	QPSK	19.43	PASS
Band41(2535-2675)	5	40065	1	#0	16QAM	19.65	PASS
Band41(2535-2675)	5	40065	1	#Mid	16QAM	19.75	PASS
Band41(2535-2675)	5	40065	1	#Max	16QAM	19.71	PASS
Band41(2535-2675)	5	40065	12	#0	16QAM	18.42	PASS
Band41(2535-2675)	5	40065	12	#Mid	16QAM	18.43	PASS
Band41(2535-2675)	5	40065	12	#Max	16QAM	18.45	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	18.31	PASS
Band41(2535-2675)	5	40740	1	#0	QPSK	20.11	PASS
Band41(2535-2675)	5	40740	1	#Mid	QPSK	20.17	PASS
Band41(2535-2675)	5	40740	1	#Max	QPSK	20.16	PASS
Band41(2535-2675)	5	40740	12	#0	QPSK	19.15	PASS
Band41(2535-2675)	5	40740	12	#Mid	QPSK	19.20	PASS
Band41(2535-2675)	5	40740	12	#Max	QPSK	19.20	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	19.15	PASS
Band41(2535-2675)	5	40740	1	#0	16QAM	19.65	PASS
Band41(2535-2675)	5	40740	1	#Mid	16QAM	19.73	PASS
Band41(2535-2675)	5	40740	1	#Max	16QAM	19.71	PASS
Band41(2535-2675)	5	40740	12	#0	16QAM	18.08	PASS
Band41(2535-2675)	5	40740	12	#Mid	16QAM	18.11	PASS
Band41(2535-2675)	5	40740	12	#Max	16QAM	18.11	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	17.98	PASS
Band41(2535-2675)	5	41415	1	#0	QPSK	20.16	PASS
Band41(2535-2675)	5	41415	1	#Mid	QPSK	19.52	PASS
Band41(2535-2675)	5	41415	1	#Max	QPSK	19.19	PASS
Band41(2535-2675)	5	41415	12	#0	QPSK	18.72	PASS
Band41(2535-2675)	5	41415	12	#Mid	QPSK	18.52	PASS
Band41(2535-2675)	5	41415	12	#Max	QPSK	18.43	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	18.56	PASS
Band41(2535-2675)	5	41415	1	#0	16QAM	19.42	PASS
Band41(2535-2675)	5	41415	1	#Mid	16QAM	18.67	PASS
Band41(2535-2675)	5	41415	1	#Max	16QAM	18.62	PASS
Band41(2535-2675)	5	41415	12	#0	16QAM	17.66	PASS

Band41(2535-2675)	5	41415	12	#Mid	16QAM	17.47	PASS
Band41(2535-2675)	5	41415	12	#Max	16QAM	17.44	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	17.59	PASS
Band41(2535-2675)	10	40090	1	#0	QPSK	20.44	PASS
Band41(2535-2675)	10	40090	1	#Mid	QPSK	20.47	PASS
Band41(2535-2675)	10	40090	1	#Max	QPSK	20.49	PASS
Band41(2535-2675)	10	40090	25	#0	QPSK	19.45	PASS
Band41(2535-2675)	10	40090	25	#Mid	QPSK	19.48	PASS
Band41(2535-2675)	10	40090	25	#Max	QPSK	19.52	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	19.47	PASS
Band41(2535-2675)	10	40090	1	#0	16QAM	19.82	PASS
Band41(2535-2675)	10	40090	1	#Mid	16QAM	19.90	PASS
Band41(2535-2675)	10	40090	1	#Max	16QAM	19.94	PASS
Band41(2535-2675)	10	40090	25	#0	16QAM	18.38	PASS
Band41(2535-2675)	10	40090	25	#Mid	16QAM	18.40	PASS
Band41(2535-2675)	10	40090	25	#Max	16QAM	18.43	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	18.39	PASS
Band41(2535-2675)	10	40740	1	#0	QPSK	20.17	PASS
Band41(2535-2675)	10	40740	1	#Mid	QPSK	20.16	PASS
Band41(2535-2675)	10	40740	1	#Max	QPSK	20.23	PASS
Band41(2535-2675)	10	40740	25	#0	QPSK	19.13	PASS
Band41(2535-2675)	10	40740	25	#Mid	QPSK	19.16	PASS
Band41(2535-2675)	10	40740	25	#Max	QPSK	19.21	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	19.18	PASS
Band41(2535-2675)	10	40740	1	#0	16QAM	19.28	PASS
Band41(2535-2675)	10	40740	1	#Mid	16QAM	19.27	PASS
Band41(2535-2675)	10	40740	1	#Max	16QAM	19.36	PASS
Band41(2535-2675)	10	40740	25	#0	16QAM	18.02	PASS
Band41(2535-2675)	10	40740	25	#Mid	16QAM	18.06	PASS
Band41(2535-2675)	10	40740	25	#Max	16QAM	18.10	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	18.10	PASS
Band41(2535-2675)	10	41390	1	#0	QPSK	20.25	PASS
Band41(2535-2675)	10	41390	1	#Mid	QPSK	19.74	PASS
Band41(2535-2675)	10	41390	1	#Max	QPSK	18.88	PASS
Band41(2535-2675)	10	41390	25	#0	QPSK	19.02	PASS
Band41(2535-2675)	10	41390	25	#Mid	QPSK	18.76	PASS
Band41(2535-2675)	10	41390	25	#Max	QPSK	18.49	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	18.77	PASS
Band41(2535-2675)	10	41390	1	#0	16QAM	19.23	PASS
Band41(2535-2675)	10	41390	1	#Mid	16QAM	18.60	PASS
Band41(2535-2675)	10	41390	1	#Max	16QAM	17.96	PASS
Band41(2535-2675)	10	41390	25	#0	16QAM	18.01	PASS
Band41(2535-2675)	10	41390	25	#Mid	16QAM	17.76	PASS

Band41(2535-2675)	10	41390	25	#Max	16QAM	17.50	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	17.76	PASS
Band41(2535-2675)	15	40115	1	#0	QPSK	20.46	PASS
Band41(2535-2675)	15	40115	1	#Mid	QPSK	20.48	PASS
Band41(2535-2675)	15	40115	1	#Max	QPSK	20.47	PASS
Band41(2535-2675)	15	40115	36	#0	QPSK	19.54	PASS
Band41(2535-2675)	15	40115	36	#Mid	QPSK	19.57	PASS
Band41(2535-2675)	15	40115	36	#Max	QPSK	19.58	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	19.58	PASS
Band41(2535-2675)	15	40115	1	#0	16QAM	19.87	PASS
Band41(2535-2675)	15	40115	1	#Mid	16QAM	19.93	PASS
Band41(2535-2675)	15	40115	1	#Max	16QAM	19.93	PASS
Band41(2535-2675)	15	40115	36	#0	16QAM	18.46	PASS
Band41(2535-2675)	15	40115	36	#Mid	16QAM	18.49	PASS
Band41(2535-2675)	15	40115	36	#Max	16QAM	18.53	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	18.46	PASS
Band41(2535-2675)	15	40740	1	#0	QPSK	20.21	PASS
Band41(2535-2675)	15	40740	1	#Mid	QPSK	20.16	PASS
Band41(2535-2675)	15	40740	1	#Max	QPSK	20.31	PASS
Band41(2535-2675)	15	40740	36	#0	QPSK	19.22	PASS
Band41(2535-2675)	15	40740	36	#Mid	QPSK	19.24	PASS
Band41(2535-2675)	15	40740	36	#Max	QPSK	19.30	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	19.27	PASS
Band41(2535-2675)	15	40740	1	#0	16QAM	19.35	PASS
Band41(2535-2675)	15	40740	1	#Mid	16QAM	19.30	PASS
Band41(2535-2675)	15	40740	1	#Max	16QAM	19.44	PASS
Band41(2535-2675)	15	40740	36	#0	16QAM	18.18	PASS
Band41(2535-2675)	15	40740	36	#Mid	16QAM	18.17	PASS
Band41(2535-2675)	15	40740	36	#Max	16QAM	18.25	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	18.12	PASS
Band41(2535-2675)	15	41365	1	#0	QPSK	21.06	PASS
Band41(2535-2675)	15	41365	1	#Mid	QPSK	20.15	PASS
Band41(2535-2675)	15	41365	1	#Max	QPSK	19.27	PASS
Band41(2535-2675)	15	41365	36	#0	QPSK	19.56	PASS
Band41(2535-2675)	15	41365	36	#Mid	QPSK	19.11	PASS
Band41(2535-2675)	15	41365	36	#Max	QPSK	18.72	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	19.13	PASS
Band41(2535-2675)	15	41365	1	#0	16QAM	20.23	PASS
Band41(2535-2675)	15	41365	1	#Mid	16QAM	19.22	PASS
Band41(2535-2675)	15	41365	1	#Max	16QAM	18.56	PASS
Band41(2535-2675)	15	41365	36	#0	16QAM	18.55	PASS
Band41(2535-2675)	15	41365	36	#Mid	16QAM	18.11	PASS
Band41(2535-2675)	15	41365	36	#Max	16QAM	17.72	PASS

Band41(2535-2675)	15	41365	75	#0	16QAM	18.19	PASS
Band41(2535-2675)	20	40140	1	#0	QPSK	20.49	PASS
Band41(2535-2675)	20	40140	1	#Mid	QPSK	20.55	PASS
Band41(2535-2675)	20	40140	1	#Max	QPSK	20.44	PASS
Band41(2535-2675)	20	40140	50	#0	QPSK	19.52	PASS
Band41(2535-2675)	20	40140	50	#Mid	QPSK	19.53	PASS
Band41(2535-2675)	20	40140	50	#Max	QPSK	19.52	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	19.48	PASS
Band41(2535-2675)	20	40140	1	#0	16QAM	19.68	PASS
Band41(2535-2675)	20	40140	1	#Mid	16QAM	19.78	PASS
Band41(2535-2675)	20	40140	1	#Max	16QAM	19.70	PASS
Band41(2535-2675)	20	40140	50	#0	16QAM	18.45	PASS
Band41(2535-2675)	20	40140	50	#Mid	16QAM	18.48	PASS
Band41(2535-2675)	20	40140	50	#Max	16QAM	18.48	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	18.41	PASS
Band41(2535-2675)	20	40740	1	#0	QPSK	20.31	PASS
Band41(2535-2675)	20	40740	1	#Mid	QPSK	20.19	PASS
Band41(2535-2675)	20	40740	1	#Max	QPSK	20.48	PASS
Band41(2535-2675)	20	40740	50	#0	QPSK	19.22	PASS
Band41(2535-2675)	20	40740	50	#Mid	QPSK	19.19	PASS
Band41(2535-2675)	20	40740	50	#Max	QPSK	19.31	PASS
Band41(2535-2675)	20	40740	100	#0	QPSK	19.23	PASS
Band41(2535-2675)	20	40740	1	#0	16QAM	19.46	PASS
Band41(2535-2675)	20	40740	1	#Mid	16QAM	19.35	PASS
Band41(2535-2675)	20	40740	1	#Max	16QAM	19.67	PASS
Band41(2535-2675)	20	40740	50	#0	16QAM	18.09	PASS
Band41(2535-2675)	20	40740	50	#Mid	16QAM	18.08	PASS
Band41(2535-2675)	20	40740	50	#Max	16QAM	18.19	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	18.11	PASS
Band41(2535-2675)	20	41340	1	#0	QPSK	21.21	PASS
Band41(2535-2675)	20	41340	1	#Mid	QPSK	20.45	PASS
Band41(2535-2675)	20	41340	1	#Max	QPSK	19.29	PASS
Band41(2535-2675)	20	41340	50	#0	QPSK	19.96	PASS
Band41(2535-2675)	20	41340	50	#Mid	QPSK	19.43	PASS
Band41(2535-2675)	20	41340	50	#Max	QPSK	18.91	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	19.43	PASS
Band41(2535-2675)	20	41340	1	#0	16QAM	20.33	PASS
Band41(2535-2675)	20	41340	1	#Mid	16QAM	19.51	PASS
Band41(2535-2675)	20	41340	1	#Max	16QAM	18.56	PASS
Band41(2535-2675)	20	41340	50	#0	16QAM	19.05	PASS
Band41(2535-2675)	20	41340	50	#Mid	16QAM	18.47	PASS
Band41(2535-2675)	20	41340	50	#Max	16QAM	18.03	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	18.57	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band41(2535-2675)	5	40065	25	#0	QPSK	LV	NT	-31.77	-0.013	PASS
Band41(2535-2675)	5	40065	25	#0	QPSK	NV	NT	-17.45	-0.007	PASS
Band41(2535-2675)	5	40065	25	#0	QPSK	HV	NT	-3.03	-0.001	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	LV	NT	0.67	0.000	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	NV	NT	-0.50	0.000	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	HV	NT	-3.66	-0.001	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	LV	NT	-1.29	0.000	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	NV	NT	-6.35	-0.002	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	HV	NT	2.06	0.001	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	LV	NT	-7.77	-0.003	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	NV	NT	1.43	0.001	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	HV	NT	-0.23	0.000	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	LV	NT	-8.97	-0.003	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	NV	NT	-6.71	-0.003	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	HV	NT	-3.88	-0.001	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	LV	NT	0.16	0.000	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	NV	NT	-5.89	-0.002	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	HV	NT	-2.49	-0.001	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	LV	NT	-15.01	-0.006	PASS

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Band41(2535-2675)	10	40090	50	#0	QPSK	NV	NT	0.06	0.000	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	HV	NT	-0.89	0.000	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	LV	NT	-2.22	-0.001	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	NV	NT	-0.01	0.000	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	HV	NT	-1.95	-0.001	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	LV	NT	-7.17	-0.003	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	NV	NT	-0.97	0.000	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	HV	NT	-2.78	-0.001	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	LV	NT	-1.46	-0.001	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	NV	NT	-3.63	-0.001	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	HV	NT	-0.73	0.000	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	LV	NT	-5.82	-0.002	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	NV	NT	-2.85	-0.001	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	HV	NT	-2.78	-0.001	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	LV	NT	-1.50	-0.001	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	NV	NT	-3.38	-0.001	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	HV	NT	-1.73	-0.001	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	LV	NT	-15.05	-0.006	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	NV	NT	-2.76	-0.001	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	HV	NT	-1.39	-0.001	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	LV	NT	-3.91	-0.002	PASS

Band41(2535-2675)	15	40115	75	#0	16QAM	NV	NT	-2.73	-0.001	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	HV	NT	-0.16	0.000	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	LV	NT	-9.36	-0.004	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	NV	NT	-1.14	0.000	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	HV	NT	-1.80	-0.001	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	LV	NT	-5.21	-0.002	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	NV	NT	-3.03	-0.001	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	HV	NT	-1.96	-0.001	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	LV	NT	-14.08	-0.005	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	NV	NT	-5.54	-0.002	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	HV	NT	-0.93	0.000	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	LV	NT	-5.34	-0.002	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	NV	NT	-4.18	-0.002	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	HV	NT	-3.32	-0.001	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	LV	NT	-19.67	-0.008	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	NV	NT	-1.69	-0.001	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	HV	NT	-2.42	-0.001	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	LV	NT	-1.53	-0.001	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	NV	NT	-3.10	-0.001	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	HV	NT	5.82	0.002	PASS
Band41(2535-2675)	20	40740	100	#0	QPSK	LV	NT	-11.17	-0.004	PASS
Band41(2535-2675)	20	40740	100	#0	QPSK	NV	NT	-5.94	-0.002	PASS

2675)										
Band41(2535-2675)	20	40740	100	#0	QPSK	HV	NT	-3.22	-0.001	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	LV	NT	-1.67	-0.001	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	NV	NT	-3.32	-0.001	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	HV	NT	5.65	0.002	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	LV	NT	-12.07	-0.005	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	NV	NT	-1.42	-0.001	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	HV	NT	-3.36	-0.001	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	LV	NT	-4.63	-0.002	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	NV	NT	-1.19	0.000	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	HV	NT	2.72	0.001	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band41(2535-2675)	5	40065	25	#0	QPSK	NV	-30	2.55	0.001	PASS
Band41(2535-2675)	5	40065	25	#0	QPSK	NV	-20	-0.73	0.000	PASS
Band41(2535-2675)	5	40065	25	#0	QPSK	NV	-10	-5.71	-0.002	PASS
Band41(2535-2675)	5	40065	25	#0	QPSK	NV	0	0.94	0.000	PASS
Band41(2535-2675)	5	40065	25	#0	QPSK	NV	10	-7.48	-0.003	PASS
Band41(2535-2675)	5	40065	25	#0	QPSK	NV	20	-11.34	-0.004	PASS
Band41(2535-2675)	5	40065	25	#0	QPSK	NV	30	1.40	0.001	PASS
Band41(2535-2675)	5	40065	25	#0	QPSK	NV	40	-7.65	-0.003	PASS
Band41(2535-2675)	5	40065	25	#0	QPSK	NV	50	0.60	0.000	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	NV	-30	-5.08	-0.002	PASS

2675)										
Band41(2535-2675)	5	40065	25	#0	16QAM	NV	-20	11.57	0.005	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	NV	-10	8.91	0.004	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	NV	0	9.50	0.004	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	NV	10	-1.82	-0.001	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	NV	20	-3.79	-0.001	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	NV	30	-9.54	-0.004	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	NV	40	4.18	0.002	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	NV	50	1.82	0.001	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	NV	-30	-17.17	-0.007	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	NV	-20	-4.73	-0.002	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	NV	-10	-7.87	-0.003	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	NV	0	-9.24	-0.004	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	NV	10	-3.59	-0.001	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	NV	20	8.10	0.003	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	NV	30	-11.43	-0.004	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	NV	40	3.12	0.001	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	NV	50	-3.35	-0.001	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	NV	-30	-10.39	-0.004	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	NV	-20	0.37	0.000	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	NV	-10	8.90	0.003	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	NV	0	-3.98	-0.002	PASS

Band41(2535-2675)	5	40740	25	#0	16QAM	NV	10	-11.52	-0.004	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	NV	20	8.85	0.003	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	NV	30	-0.89	0.000	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	NV	40	-17.37	-0.007	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	NV	50	-10.13	-0.004	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	NV	-30	-14.88	-0.006	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	NV	-20	-3.49	-0.001	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	NV	-10	-18.25	-0.007	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	NV	0	3.68	0.001	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	NV	10	3.52	0.001	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	NV	20	-6.81	-0.003	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	NV	30	9.80	0.004	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	NV	40	-6.75	-0.003	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	NV	50	-11.06	-0.004	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	NV	-30	-10.97	-0.004	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	NV	-20	4.85	0.002	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	NV	-10	3.23	0.001	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	NV	0	-2.20	-0.001	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	NV	10	-14.02	-0.005	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	NV	20	-8.96	-0.003	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	NV	30	-2.40	-0.001	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	NV	40	18.84	0.007	PASS

2675)										
Band41(2535-2675)	5	41415	25	#0	16QAM	NV	50	4.61	0.002	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	NV	-30	-8.85	-0.003	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	NV	-20	-0.93	0.000	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	NV	-10	-4.31	-0.002	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	NV	0	-6.82	-0.003	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	NV	10	-4.09	-0.002	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	NV	20	0.04	0.000	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	NV	30	-7.21	-0.003	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	NV	40	-1.52	-0.001	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	NV	50	-0.47	0.000	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	NV	-30	-8.11	-0.003	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	NV	-20	0.11	0.000	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	NV	-10	-3.85	-0.002	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	NV	0	3.32	0.001	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	NV	10	4.76	0.002	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	NV	20	1.89	0.001	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	NV	30	1.14	0.000	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	NV	40	0.93	0.000	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	NV	50	0.97	0.000	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	NV	-30	4.05	0.002	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	NV	-20	4.78	0.002	PASS

Band41(2535-2675)	10	40740	50	#0	QPSK	NV	-10	0.62	0.000	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	NV	0	-9.77	-0.004	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	NV	10	-8.81	-0.003	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	NV	20	13.29	0.005	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	NV	30	-2.75	-0.001	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	NV	40	-5.15	-0.002	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	NV	50	-8.25	-0.003	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	NV	-30	-3.22	-0.001	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	NV	-20	-1.53	-0.001	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	NV	-10	4.52	0.002	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	NV	0	4.45	0.002	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	NV	10	10.73	0.004	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	NV	20	-1.43	-0.001	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	NV	30	-2.37	-0.001	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	NV	40	0.72	0.000	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	NV	50	-2.80	-0.001	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	NV	-30	-8.40	-0.003	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	NV	-20	-7.42	-0.003	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	NV	-10	-3.95	-0.001	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	NV	0	-8.55	-0.003	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	NV	10	2.65	0.001	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	NV	20	-10.09	-0.004	PASS

2675)										
Band41(2535-2675)	10	41390	50	#0	QPSK	NV	30	2.78	0.001	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	NV	40	-1.27	0.000	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	NV	50	3.12	0.001	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	NV	-30	0.59	0.000	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	NV	-20	1.62	0.001	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	NV	-10	-11.62	-0.004	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	NV	0	-1.44	-0.001	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	NV	10	-5.85	-0.002	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	NV	20	4.73	0.002	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	NV	30	1.37	0.001	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	NV	40	-8.43	-0.003	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	NV	50	-0.86	0.000	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	NV	-30	-16.62	-0.007	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	NV	-20	1.19	0.000	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	NV	-10	-7.95	-0.003	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	NV	0	-2.35	-0.001	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	NV	10	5.99	0.002	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	NV	20	-8.01	-0.003	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	NV	30	-7.37	-0.003	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	NV	40	-3.16	-0.001	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	NV	50	5.41	0.002	PASS

Band41(2535-2675)	15	40115	75	#0	16QAM	NV	-30	-1.93	-0.001	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	NV	-20	8.13	0.003	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	NV	-10	14.42	0.006	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	NV	0	2.50	0.001	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	NV	10	0.23	0.000	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	NV	20	-12.17	-0.005	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	NV	30	3.69	0.001	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	NV	40	-0.82	0.000	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	NV	50	-1.06	0.000	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	NV	-30	-8.83	-0.003	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	NV	-20	-2.07	-0.001	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	NV	-10	-10.34	-0.004	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	NV	0	1.65	0.001	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	NV	10	2.57	0.001	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	NV	20	-8.57	-0.003	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	NV	30	4.68	0.002	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	NV	40	-4.49	-0.002	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	NV	50	-6.01	-0.002	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	NV	-30	-1.72	-0.001	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	NV	-20	0.60	0.000	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	NV	-10	-2.32	-0.001	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	NV	0	-7.88	-0.003	PASS

2675)										
Band41(2535-2675)	15	40740	75	#0	16QAM	NV	10	-1.99	-0.001	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	NV	20	-7.22	-0.003	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	NV	30	-14.49	-0.006	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	NV	40	1.04	0.000	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	NV	50	-5.54	-0.002	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	NV	-30	-2.98	-0.001	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	NV	-20	-7.27	-0.003	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	NV	-10	-13.99	-0.005	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	NV	0	-9.37	-0.004	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	NV	10	-5.15	-0.002	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	NV	20	-10.16	-0.004	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	NV	30	8.98	0.003	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	NV	40	3.82	0.001	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	NV	50	-1.42	-0.001	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	NV	-30	-7.60	-0.003	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	NV	-20	-2.55	-0.001	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	NV	-10	-5.98	-0.002	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	NV	0	0.64	0.000	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	NV	10	-1.16	0.000	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	NV	20	1.73	0.001	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	NV	30	-5.82	-0.002	PASS

Band41(2535-2675)	15	41365	75	#0	16QAM	NV	40	-3.00	-0.001	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	NV	50	3.45	0.001	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	NV	-30	-11.62	-0.005	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	NV	-20	1.07	0.000	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	NV	-10	1.23	0.000	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	NV	0	-6.15	-0.002	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	NV	10	-1.66	-0.001	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	NV	20	5.91	0.002	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	NV	30	3.62	0.001	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	NV	40	-4.89	-0.002	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	NV	50	-0.23	0.000	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	NV	-30	-1.62	-0.001	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	NV	-20	9.66	0.004	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	NV	-10	-6.68	-0.003	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	NV	0	-2.89	-0.001	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	NV	10	3.10	0.001	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	NV	20	5.55	0.002	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	NV	30	-9.23	-0.004	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	NV	40	-4.79	-0.002	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	NV	50	-2.96	-0.001	PASS
Band41(2535-2675)	20	40740	100	#0	QPSK	NV	-30	1.73	0.001	PASS
Band41(2535-2675)	20	40740	100	#0	QPSK	NV	-20	-6.11	-0.002	PASS

2675)										
Band41(2535-2675)	20	40740	100	#0	QPSK	NV	-10	-4.88	-0.002	PASS
Band41(2535-2675)	20	40740	100	#0	QPSK	NV	0	0.90	0.000	PASS
Band41(2535-2675)	20	40740	100	#0	QPSK	NV	10	-8.87	-0.003	PASS
Band41(2535-2675)	20	40740	100	#0	QPSK	NV	20	3.38	0.001	PASS
Band41(2535-2675)	20	40740	100	#0	QPSK	NV	30	1.75	0.001	PASS
Band41(2535-2675)	20	40740	100	#0	QPSK	NV	40	-5.36	-0.002	PASS
Band41(2535-2675)	20	40740	100	#0	QPSK	NV	50	-0.41	0.000	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	NV	-30	1.75	0.001	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	NV	-20	-6.81	-0.003	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	NV	-10	-5.41	-0.002	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	NV	0	-0.43	0.000	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	NV	10	-1.89	-0.001	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	NV	20	10.53	0.004	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	NV	30	-15.86	-0.006	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	NV	40	-0.06	0.000	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	NV	50	2.23	0.001	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	NV	-30	-8.13	-0.003	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	NV	-20	-2.49	-0.001	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	NV	-10	0.62	0.000	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	NV	0	-3.02	-0.001	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	NV	10	-5.66	-0.002	PASS

Band41(2535-2675)	20	41340	100	#0	QPSK	NV	20	4.16	0.002	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	NV	30	-6.65	-0.002	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	NV	40	-4.09	-0.002	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	NV	50	-2.68	-0.001	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	NV	-30	2.43	0.001	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	NV	-20	-4.15	-0.002	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	NV	-10	6.75	0.003	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	NV	0	2.96	0.001	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	NV	10	2.27	0.001	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	NV	20	-2.96	-0.001	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	NV	30	3.23	0.001	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	NV	40	-1.96	-0.001	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	NV	50	-0.92	0.000	PASS

Note: The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

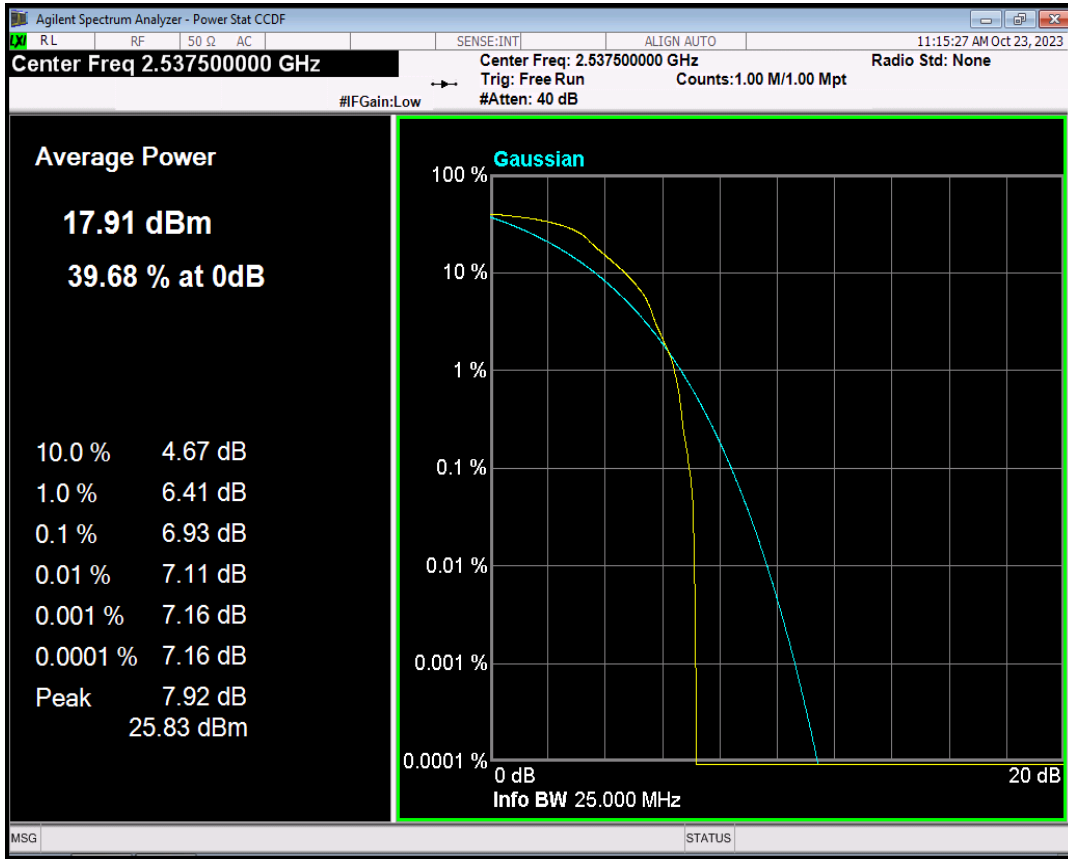
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band41(2535-2675)	5	40065	1	#0	QPSK	6.93	13	PASS
Band41(2535-2675)	5	40065	1	#0	16QAM	8.04	13	PASS
Band41(2535-2675)	5	40740	1	#0	QPSK	7.58	13	PASS
Band41(2535-2675)	5	40740	1	#0	16QAM	9.32	13	PASS
Band41(2535-2675)	5	41415	1	#0	QPSK	7.74	13	PASS

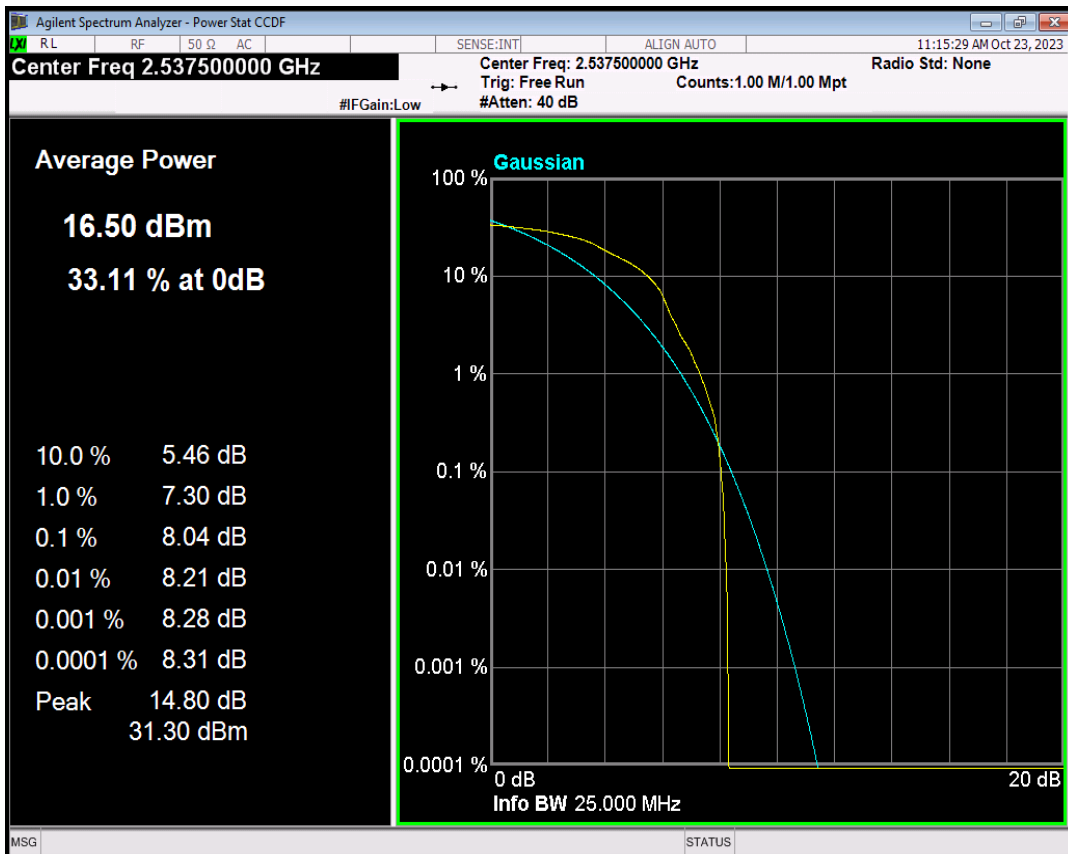
2675)								
Band41(2535-2675)	5	41415	1	#0	16QAM	8.48	13	PASS
Band41(2535-2675)	10	40090	1	#0	QPSK	7.34	13	PASS
Band41(2535-2675)	10	40090	1	#0	16QAM	9.71	13	PASS
Band41(2535-2675)	10	40740	1	#0	QPSK	9.55	13	PASS
Band41(2535-2675)	10	40740	1	#0	16QAM	11.10	13	PASS
Band41(2535-2675)	10	41390	1	#0	QPSK	7.48	13	PASS
Band41(2535-2675)	10	41390	1	#0	16QAM	9.99	13	PASS
Band41(2535-2675)	15	40115	1	#0	QPSK	8.81	13	PASS
Band41(2535-2675)	15	40115	1	#0	16QAM	7.65	13	PASS
Band41(2535-2675)	15	40740	1	#0	QPSK	7.59	13	PASS
Band41(2535-2675)	15	40740	1	#0	16QAM	9.53	13	PASS
Band41(2535-2675)	15	41365	1	#0	QPSK	7.66	13	PASS
Band41(2535-2675)	15	41365	1	#0	16QAM	8.63	13	PASS
Band41(2535-2675)	20	40140	1	#0	QPSK	7.98	13	PASS
Band41(2535-2675)	20	40140	1	#0	16QAM	9.90	13	PASS
Band41(2535-2675)	20	40740	1	#0	QPSK	9.11	13	PASS
Band41(2535-2675)	20	40740	1	#0	16QAM	9.18	13	PASS
Band41(2535-2675)	20	41340	1	#0	QPSK	8.51	13	PASS
Band41(2535-2675)	20	41340	1	#0	16QAM	12.74	13	PASS



Band41(2535-2675) QPSK BW=5MHz Channel=40065 RB Size=1 Position=#0

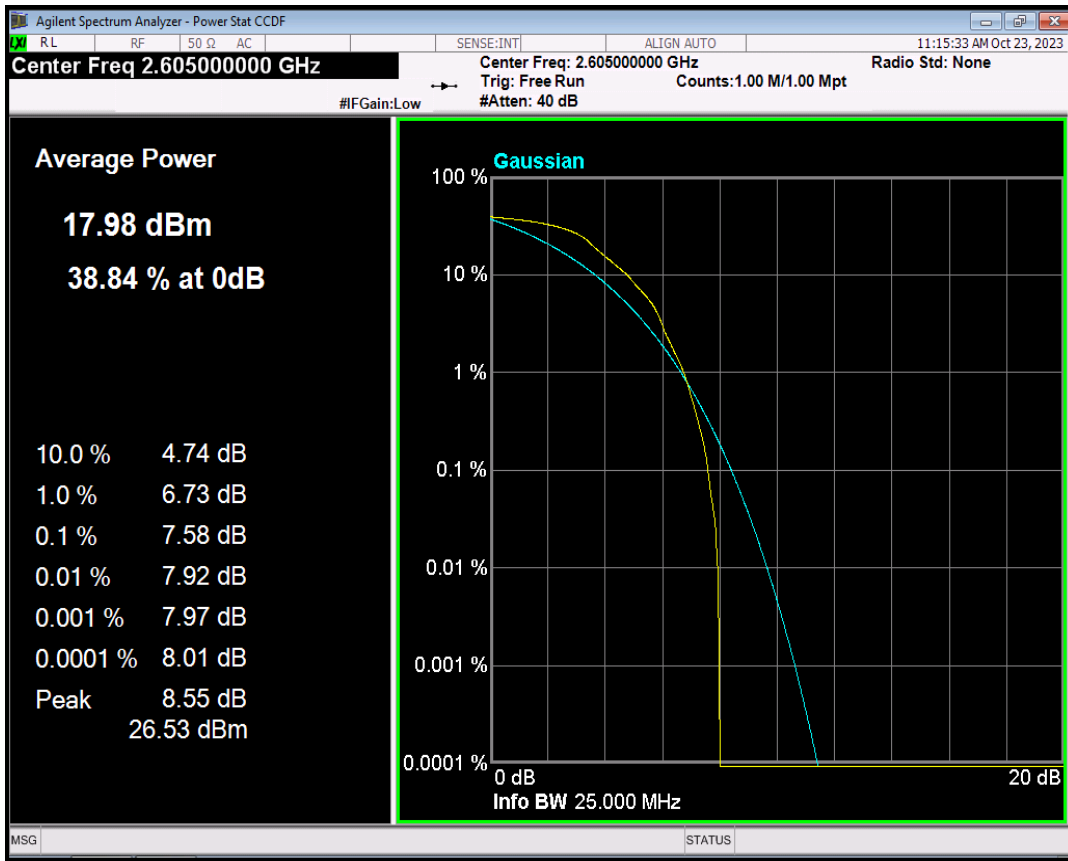


Band41(2535-2675) 16QAM BW=5MHz Channel=40065 RB Size=1 Position=#0

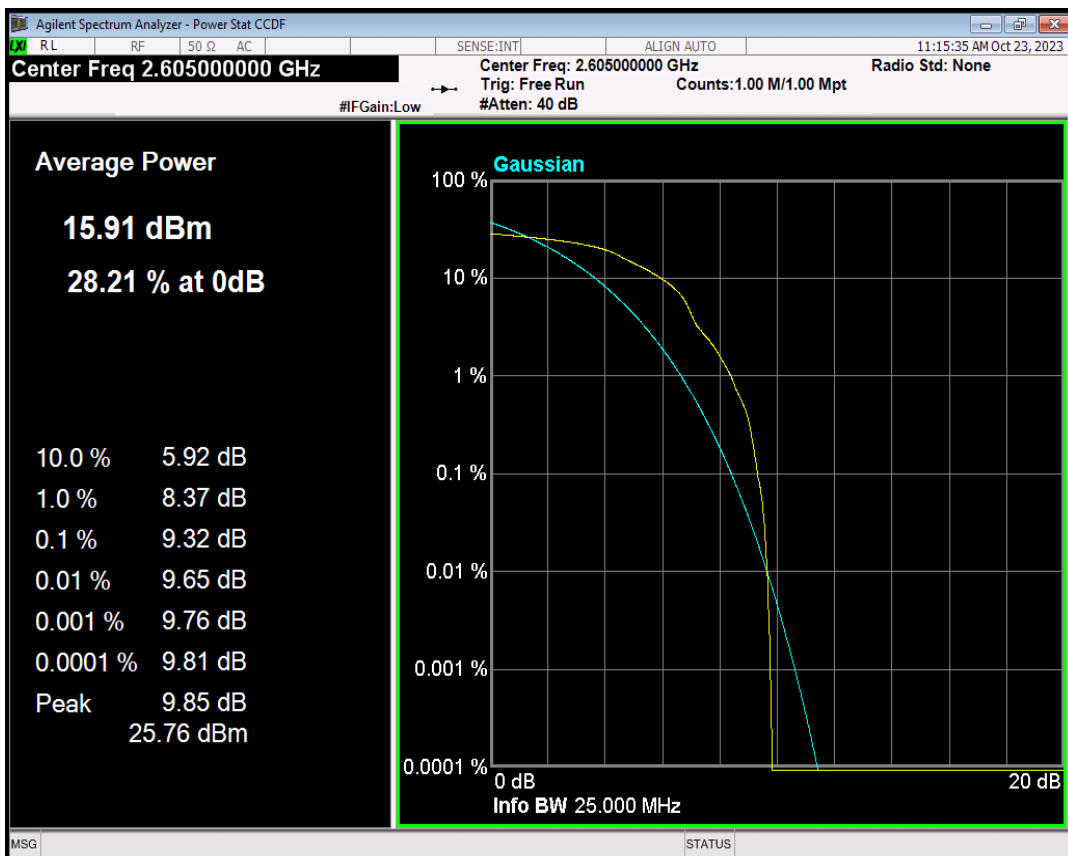




Band41(2535-2675) QPSK BW=5MHz Channel=40740 RB Size=1 Position=#0

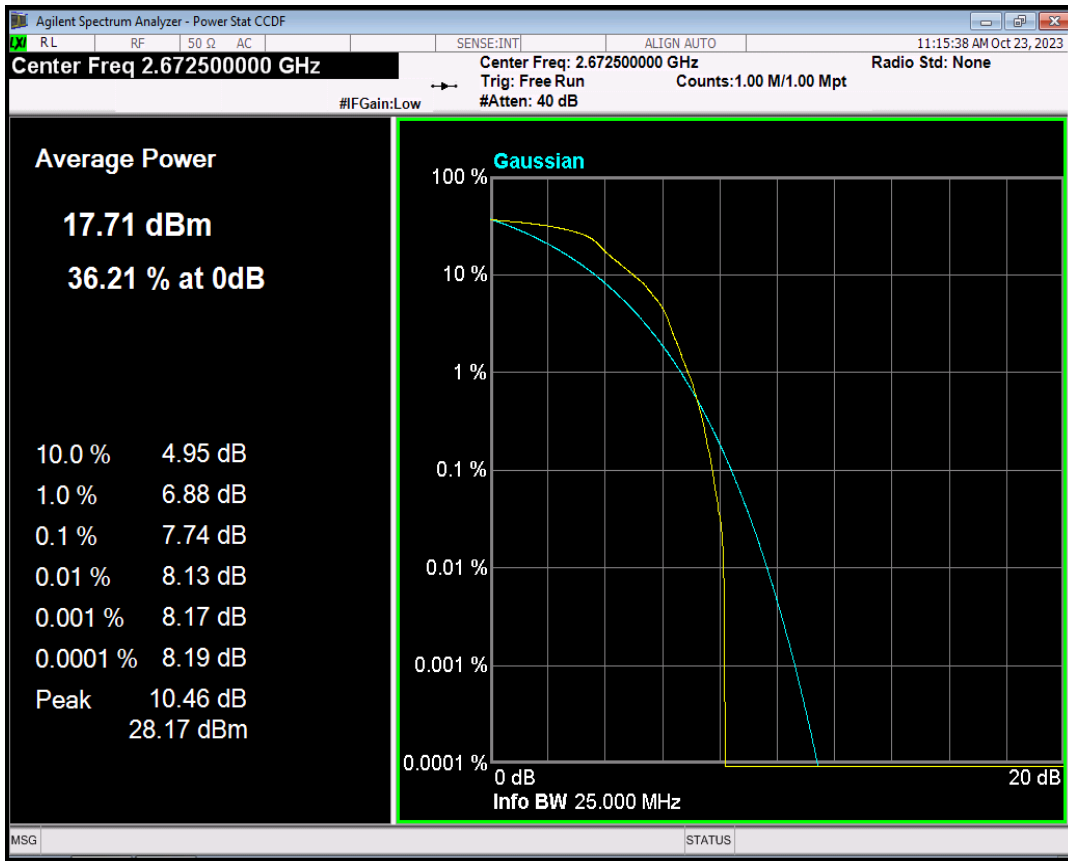


Band41(2535-2675) 16QAM BW=5MHz Channel=40740 RB Size=1 Position=#0

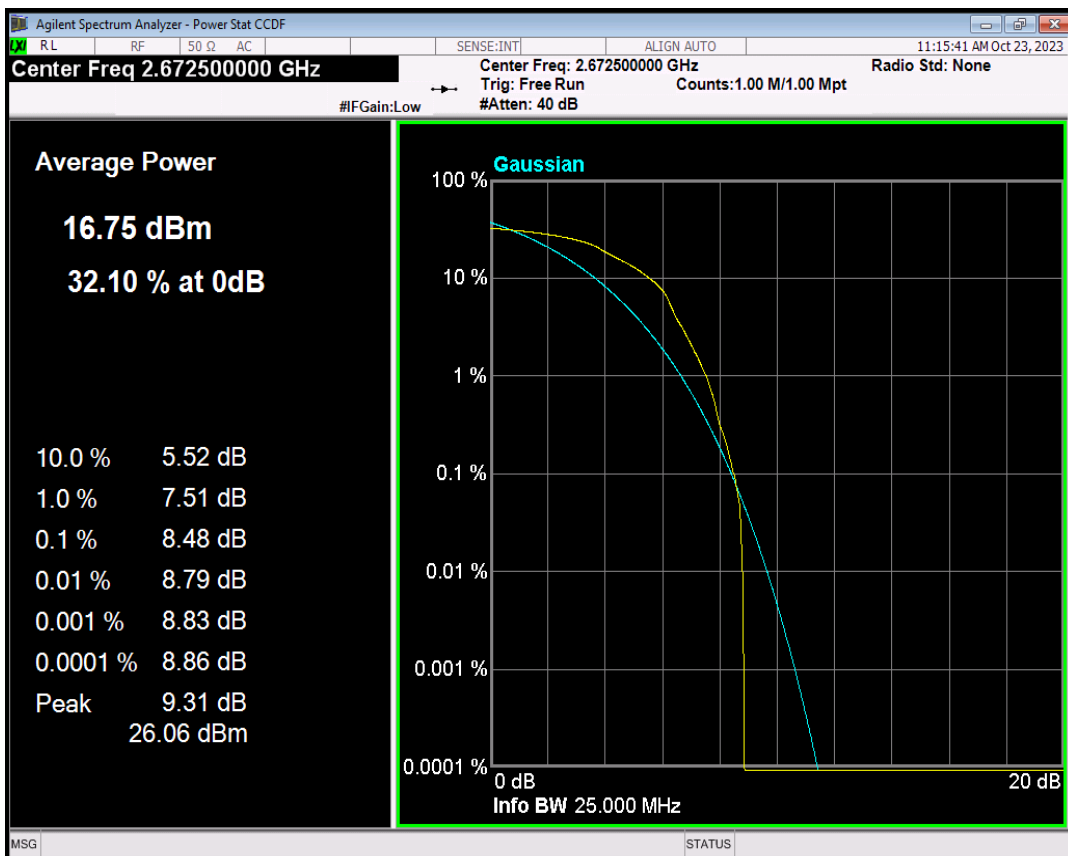




Band41(2535-2675) QPSK BW=5MHz Channel=41415 RB Size=1 Position=#0

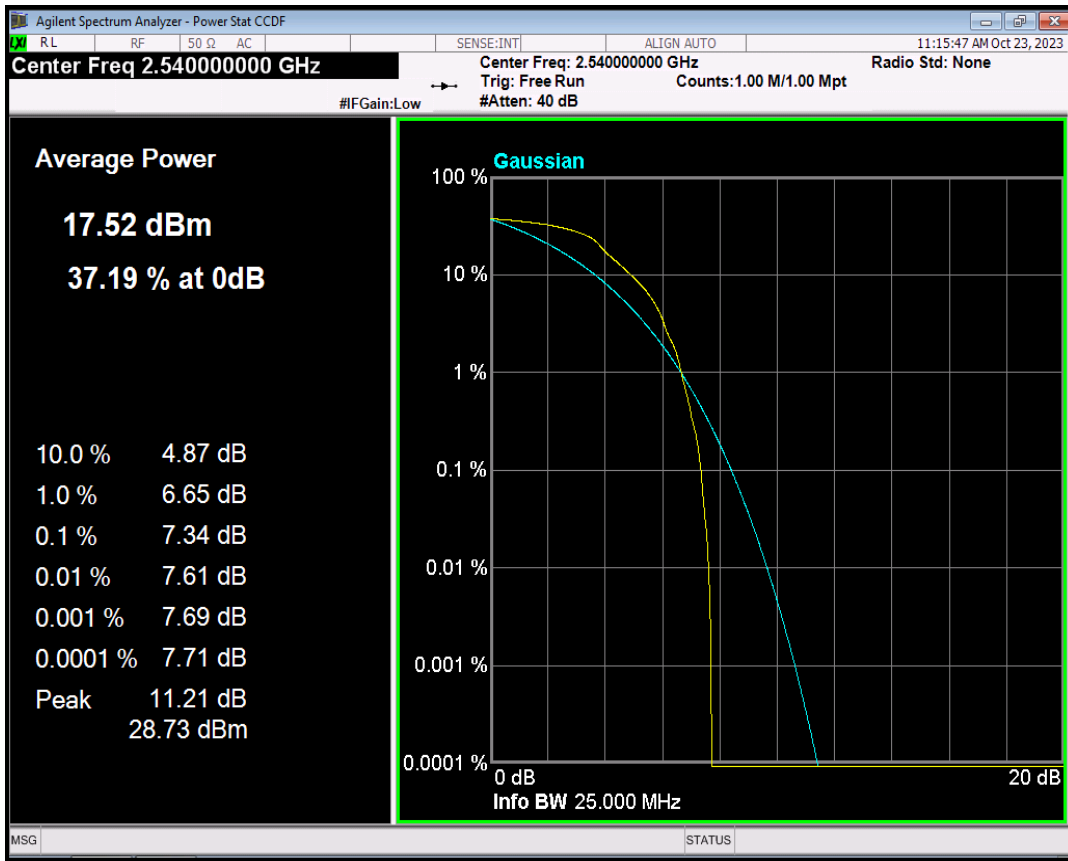


Band41(2535-2675) 16QAM BW=5MHz Channel=41415 RB Size=1 Position=#0

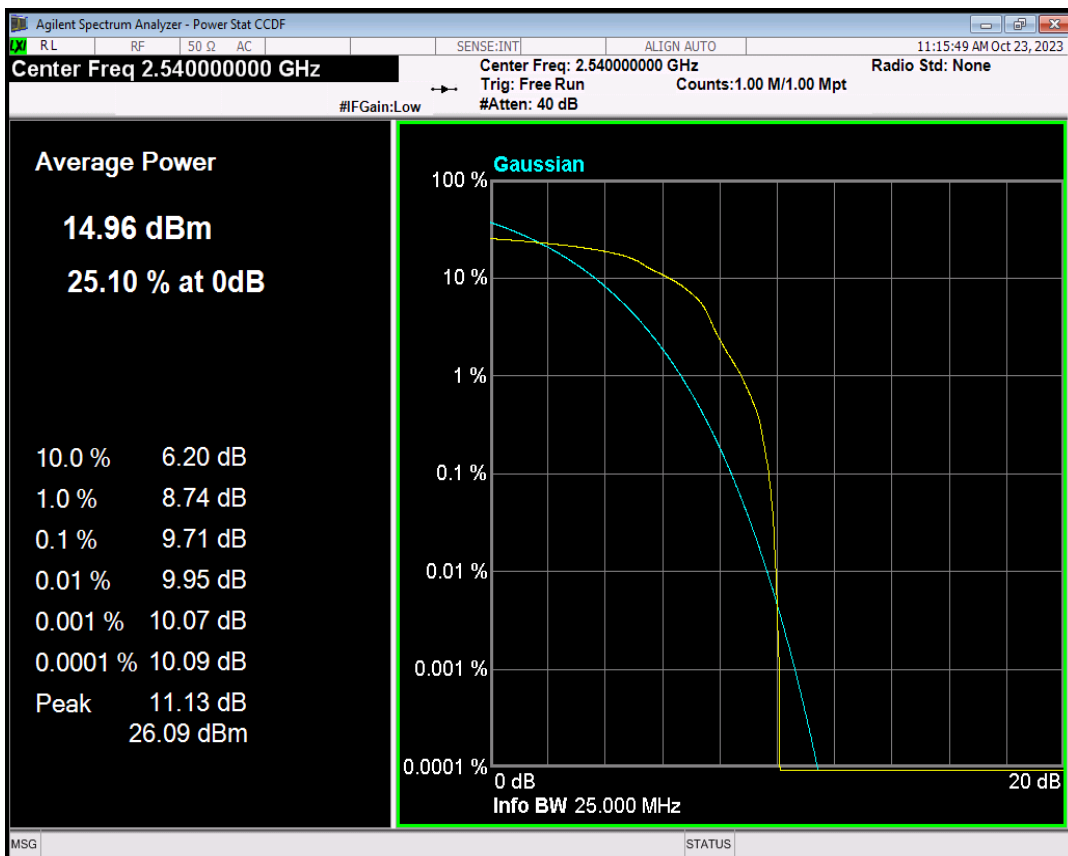




Band41(2535-2675) QPSK BW=10MHz Channel=40090 RB Size=1 Position=#0

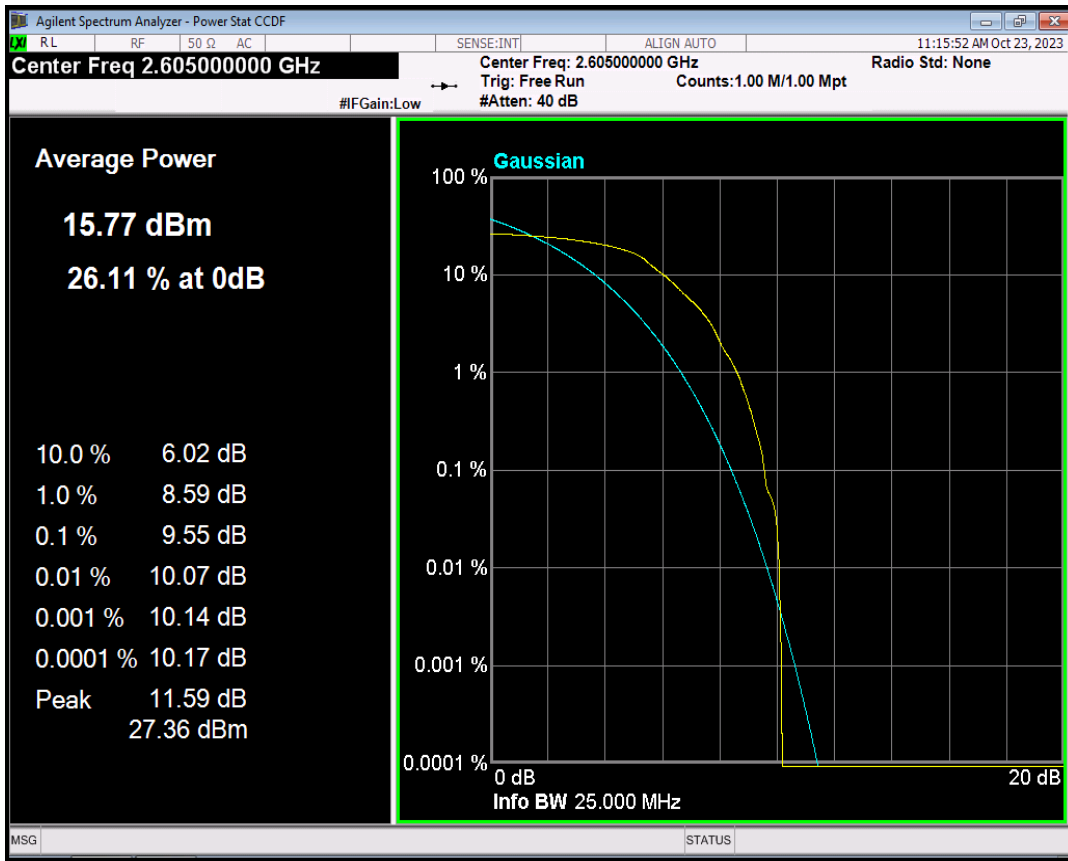


Band41(2535-2675) 16QAM BW=10MHz Channel=40090 RB Size=1 Position=#0

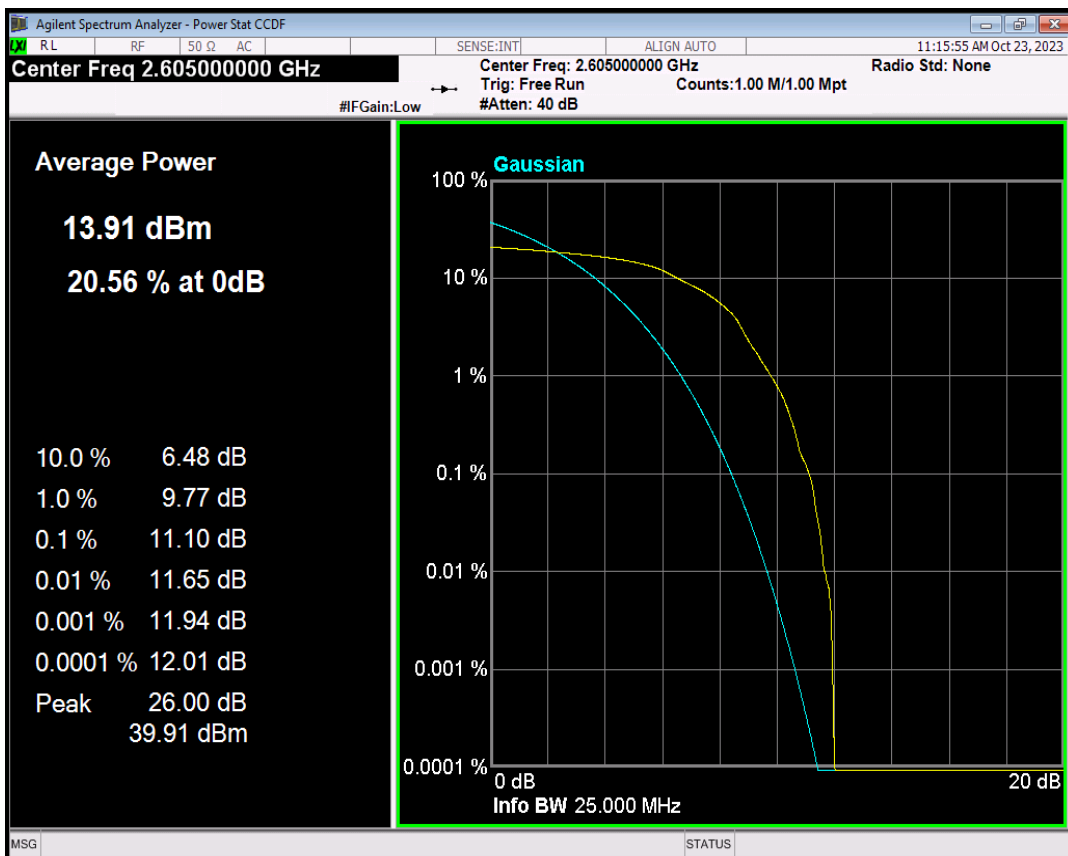




Band41(2535-2675) QPSK BW=10MHz Channel=40740 RB Size=1 Position=#0

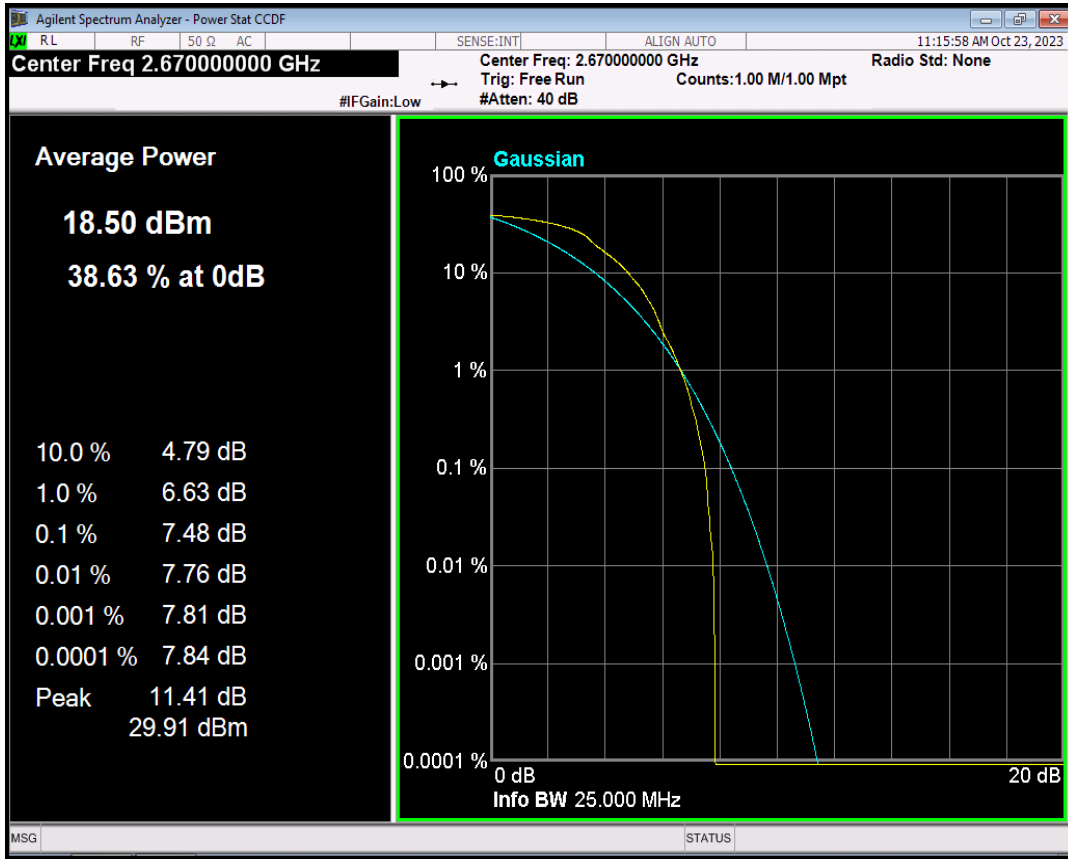


Band41(2535-2675) 16QAM BW=10MHz Channel=40740 RB Size=1 Position=#0

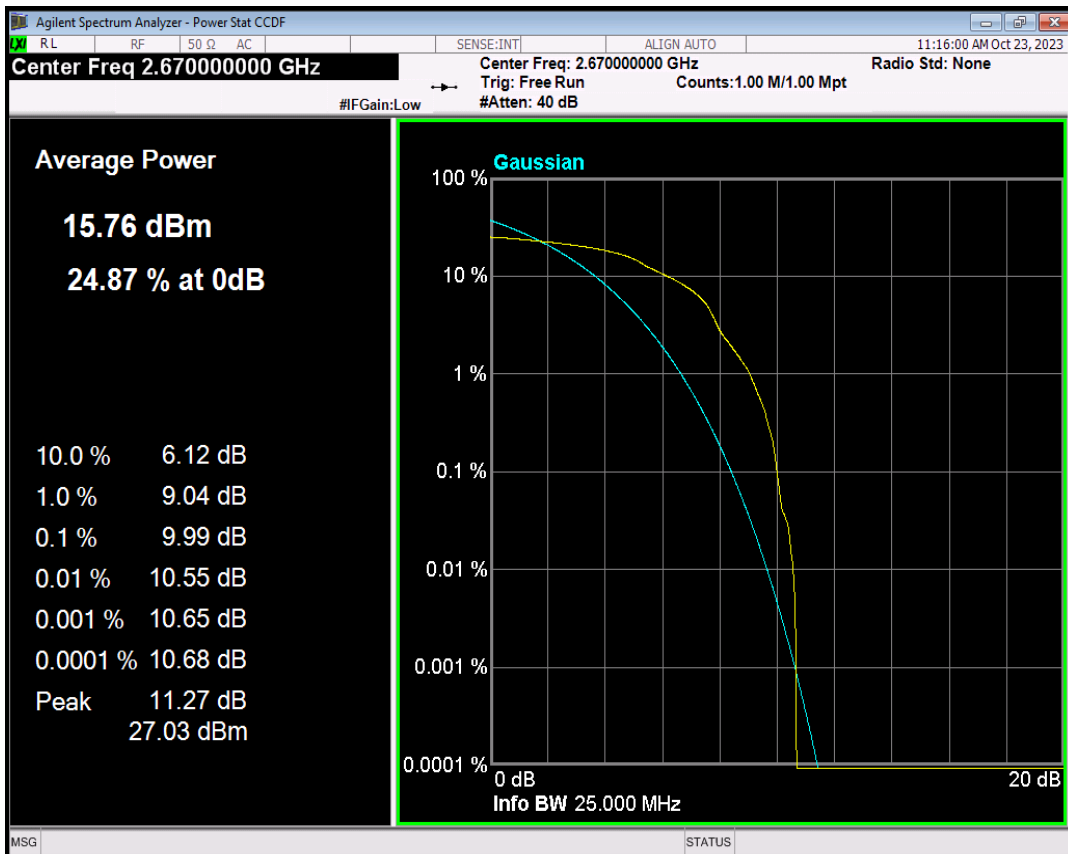




Band41(2535-2675) QPSK BW=10MHz Channel=41390 RB Size=1 Position=#0

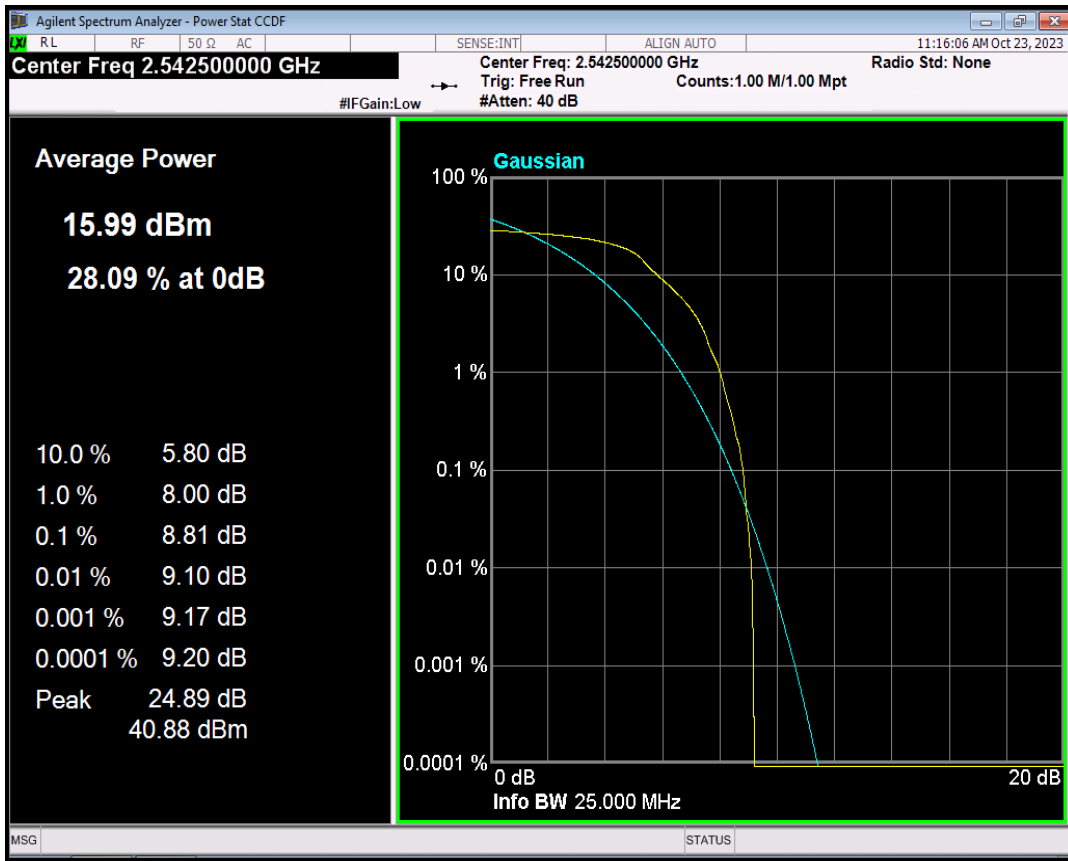


Band41(2535-2675) 16QAM BW=10MHz Channel=41390 RB Size=1 Position=#0

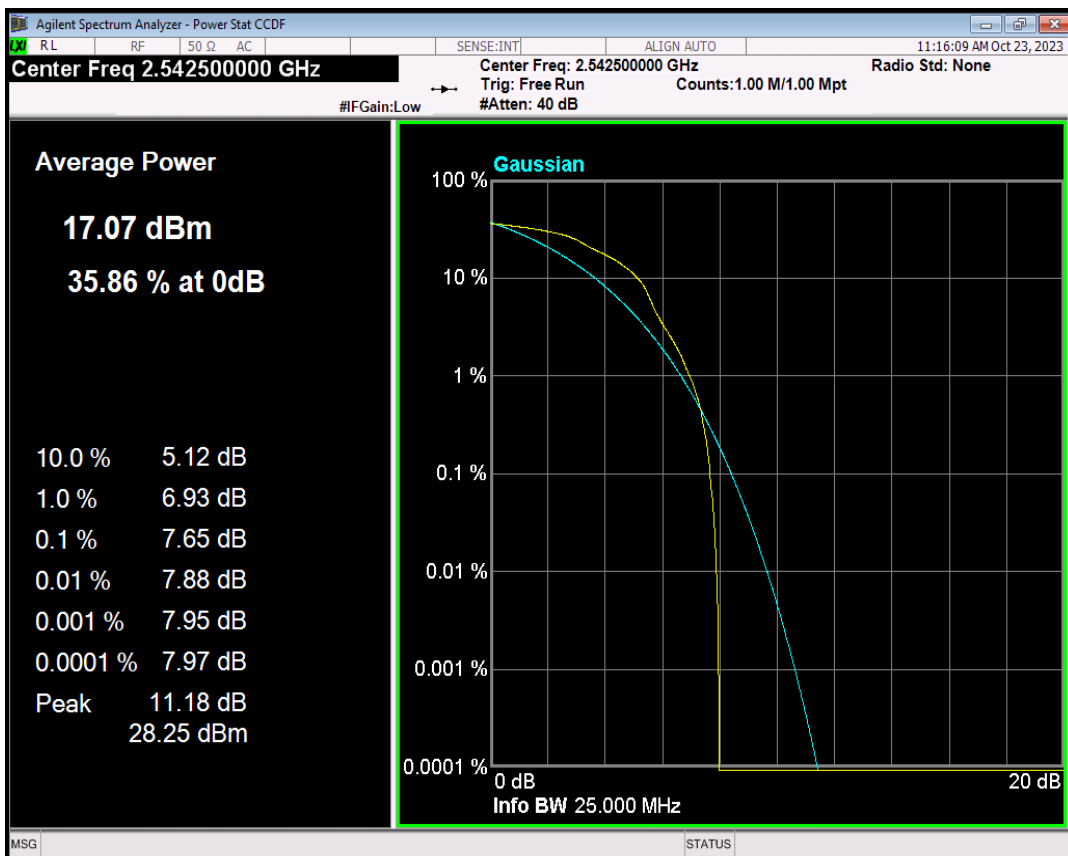




Band41(2535-2675) QPSK BW=15MHz Channel=40115 RB Size=1 Position=#0

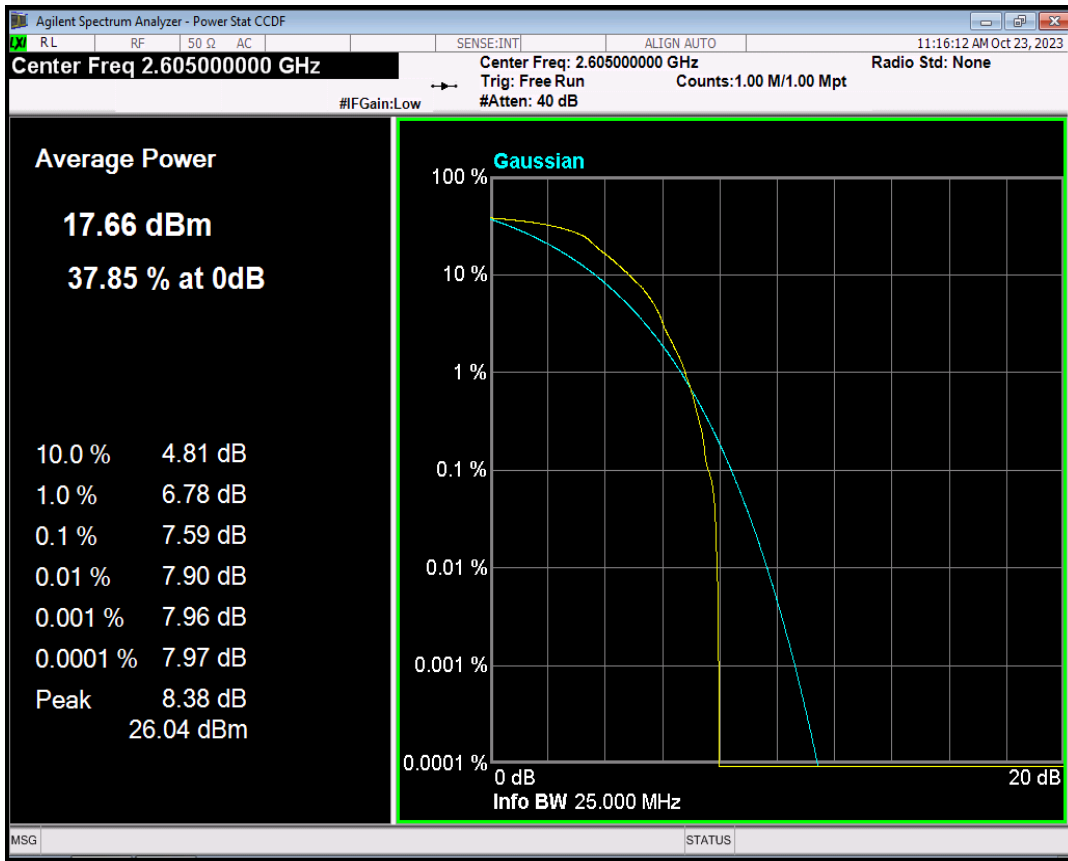


Band41(2535-2675) 16QAM BW=15MHz Channel=40115 RB Size=1 Position=#0

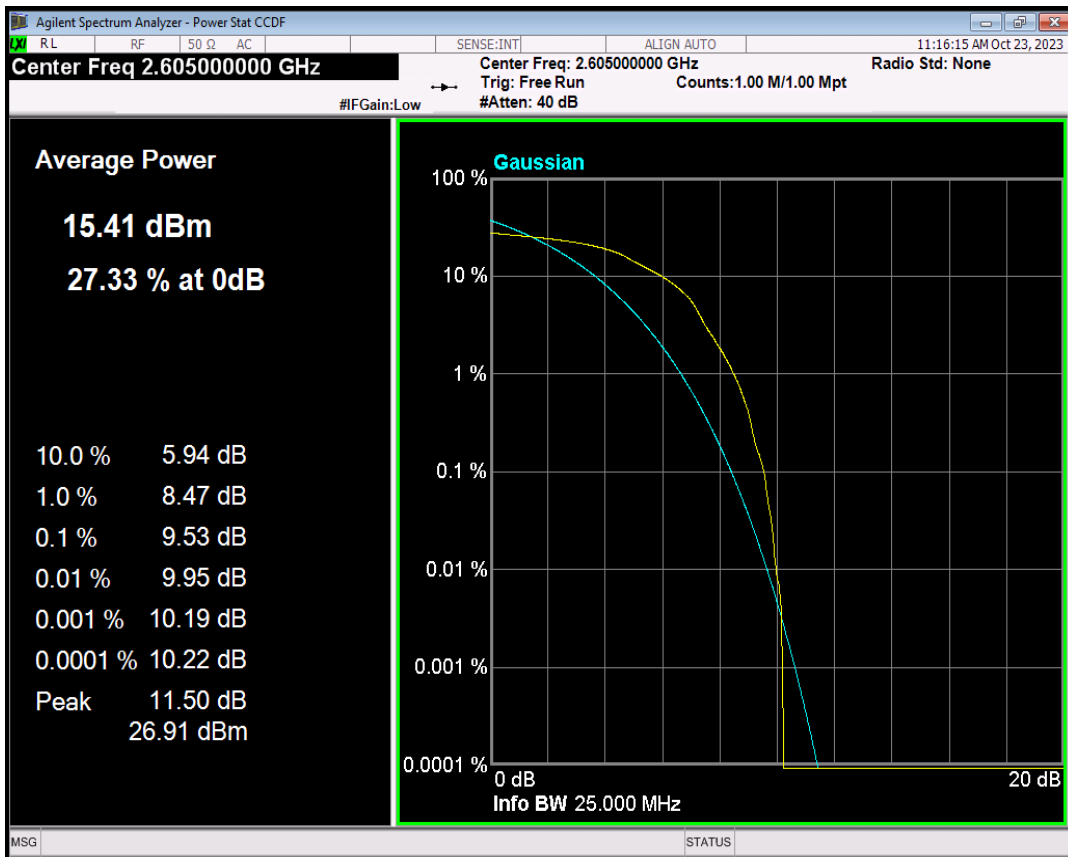




Band41(2535-2675) QPSK BW=15MHz Channel=40740 RB Size=1 Position=#0

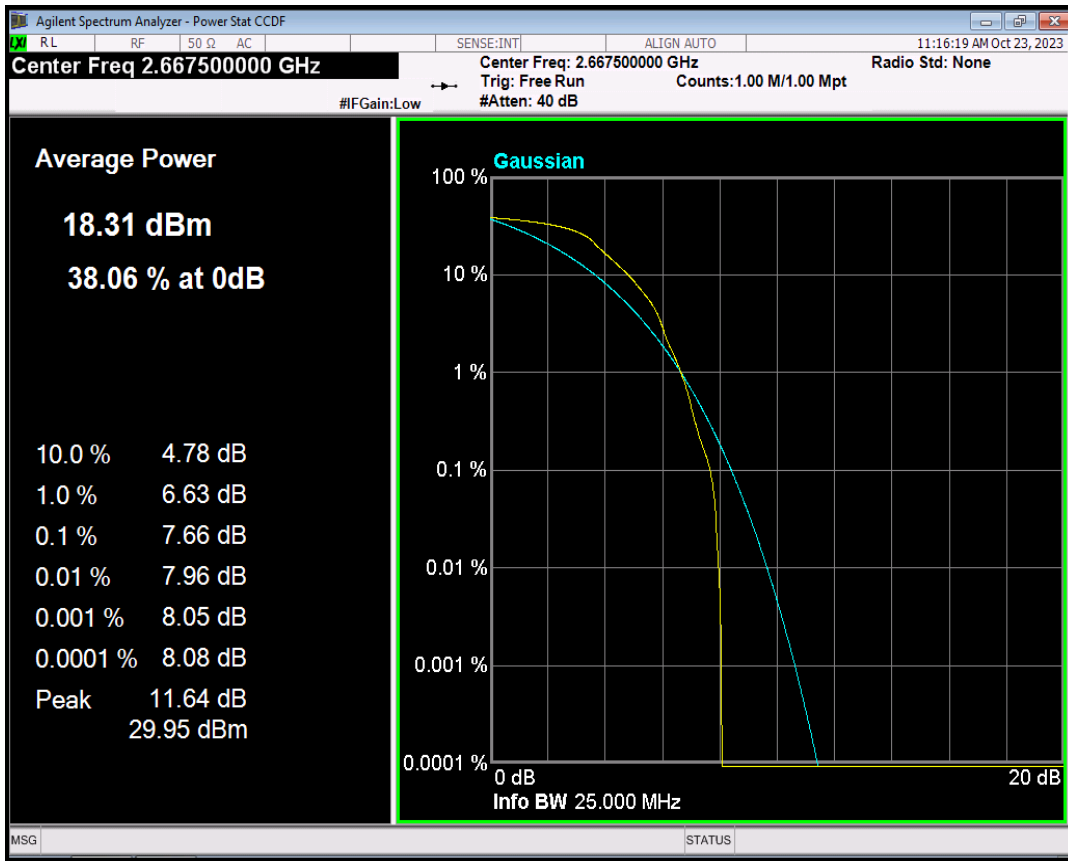


Band41(2535-2675) 16QAM BW=15MHz Channel=40740 RB Size=1 Position=#0

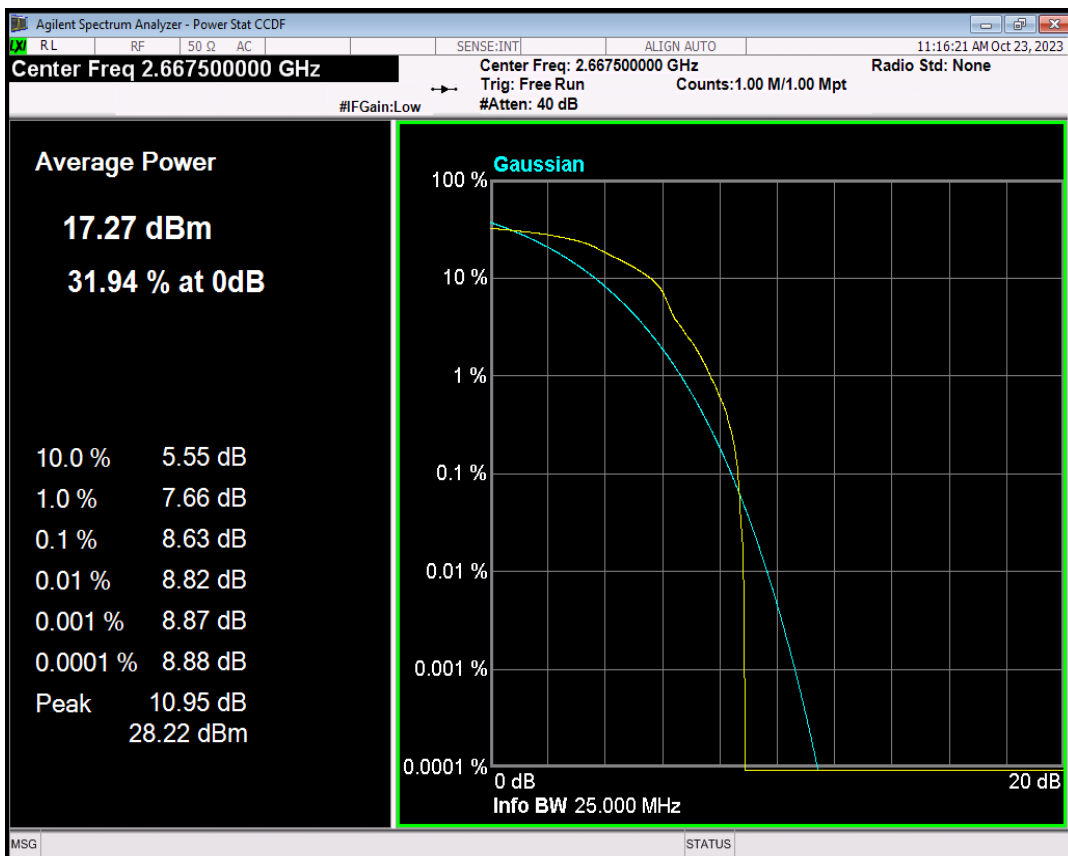




Band41(2535-2675) QPSK BW=15MHz Channel=41365 RB Size=1 Position=#0

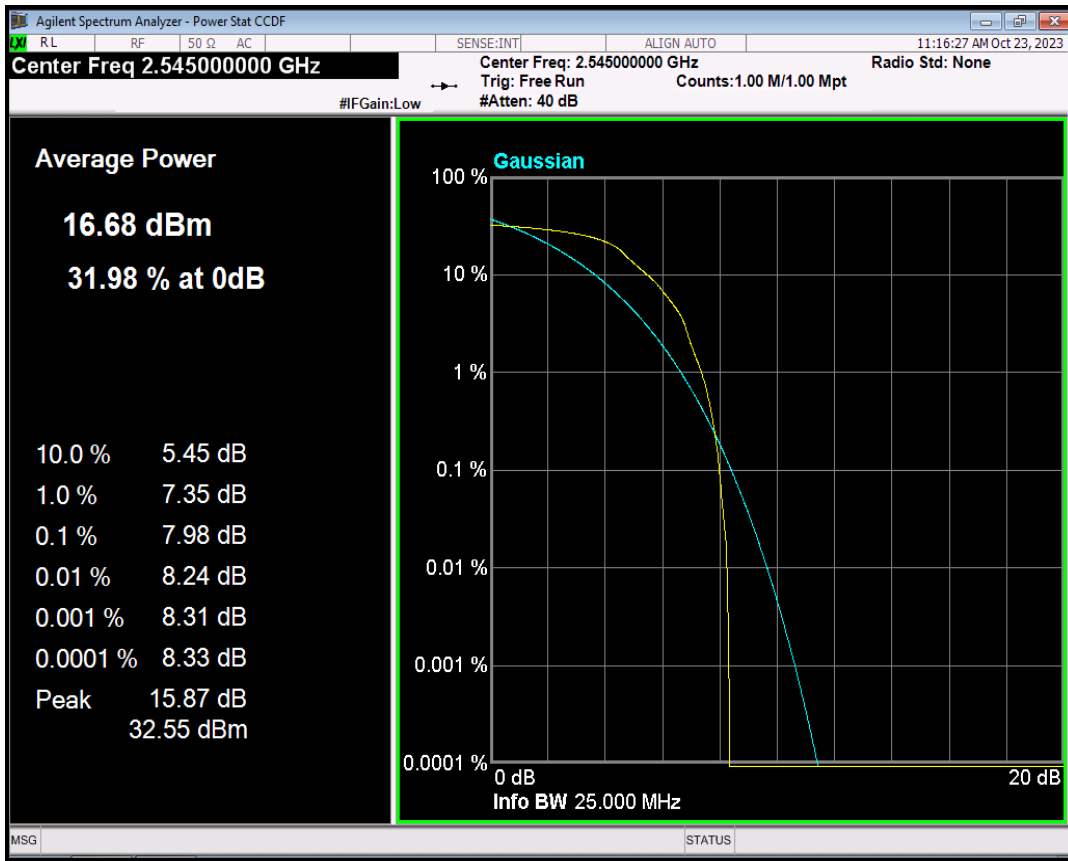


Band41(2535-2675) 16QAM BW=15MHz Channel=41365 RB Size=1 Position=#0

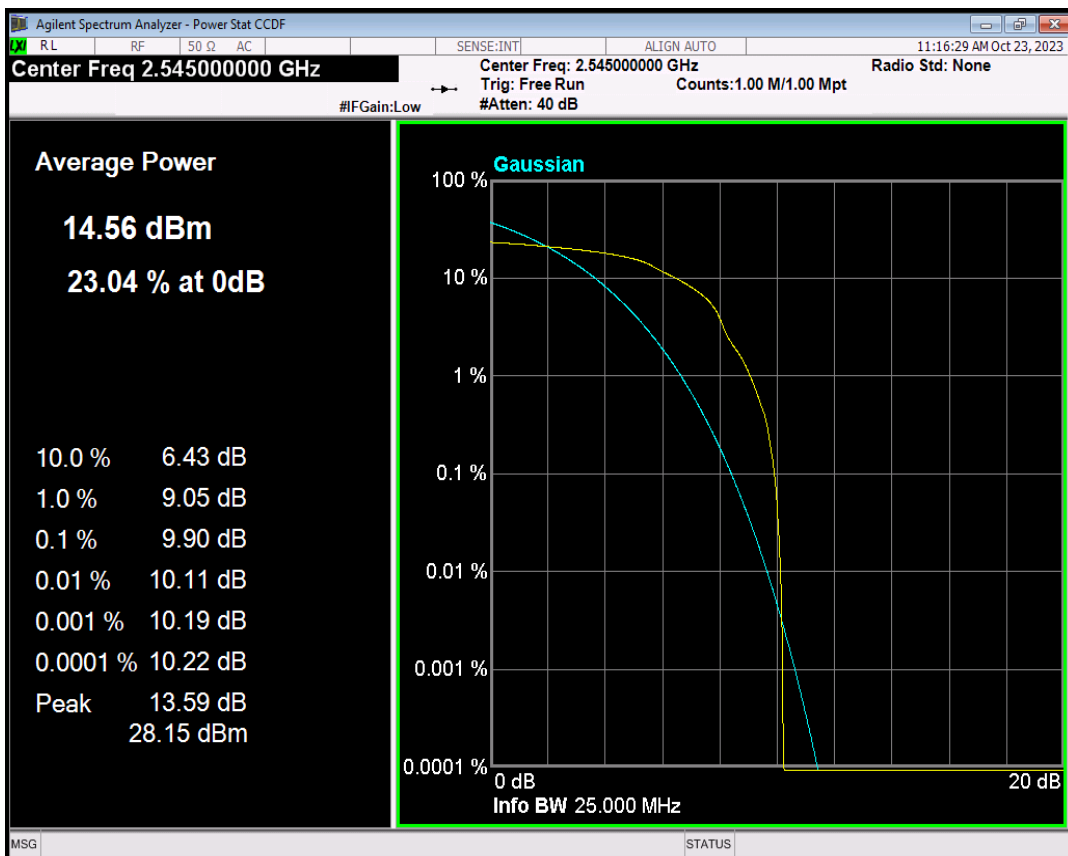




Band41(2535-2675) QPSK BW=20MHz Channel=40140 RB Size=1 Position=#0

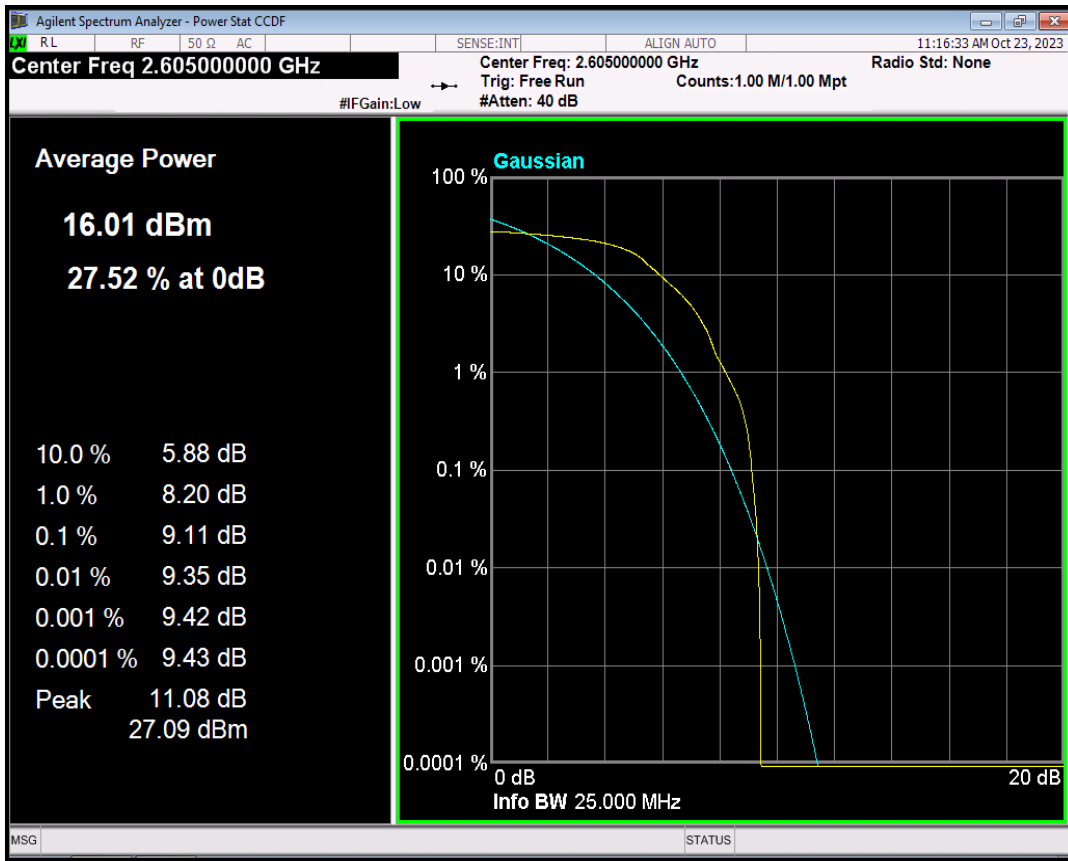


Band41(2535-2675) 16QAM BW=20MHz Channel=40140 RB Size=1 Position=#0

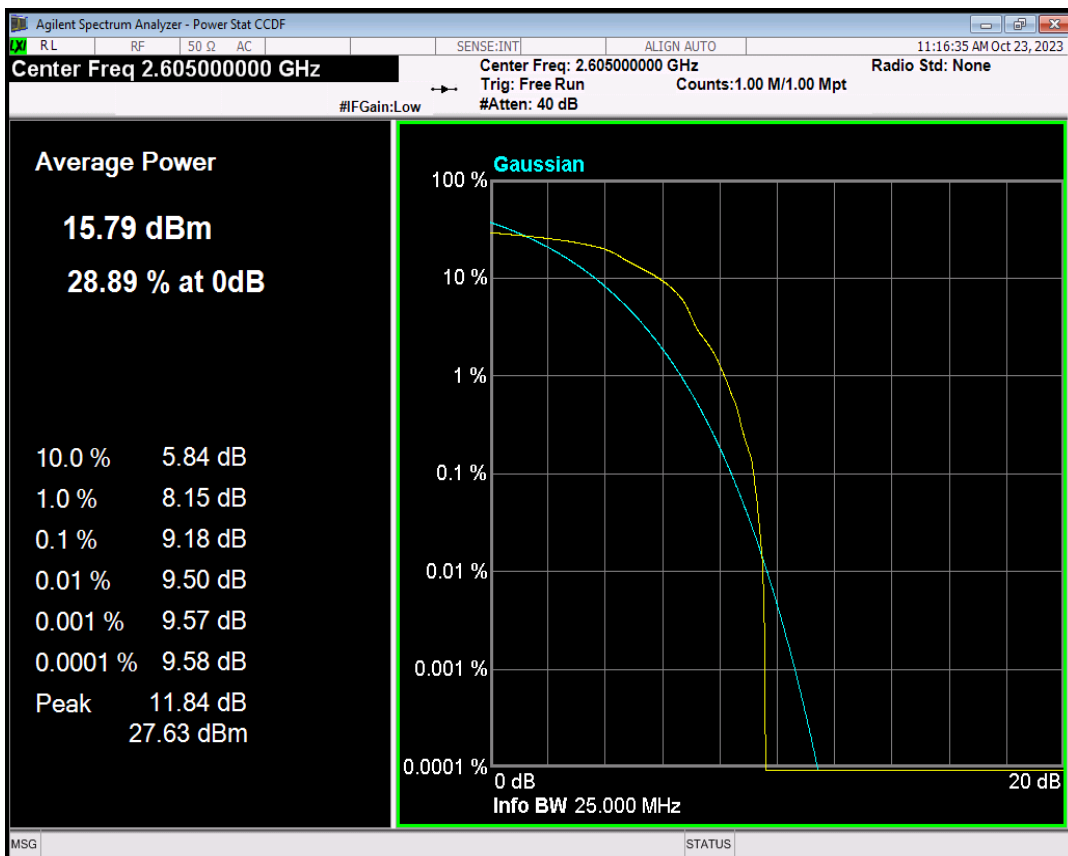




Band41(2535-2675) QPSK BW=20MHz Channel=40740 RB Size=1 Position=#0

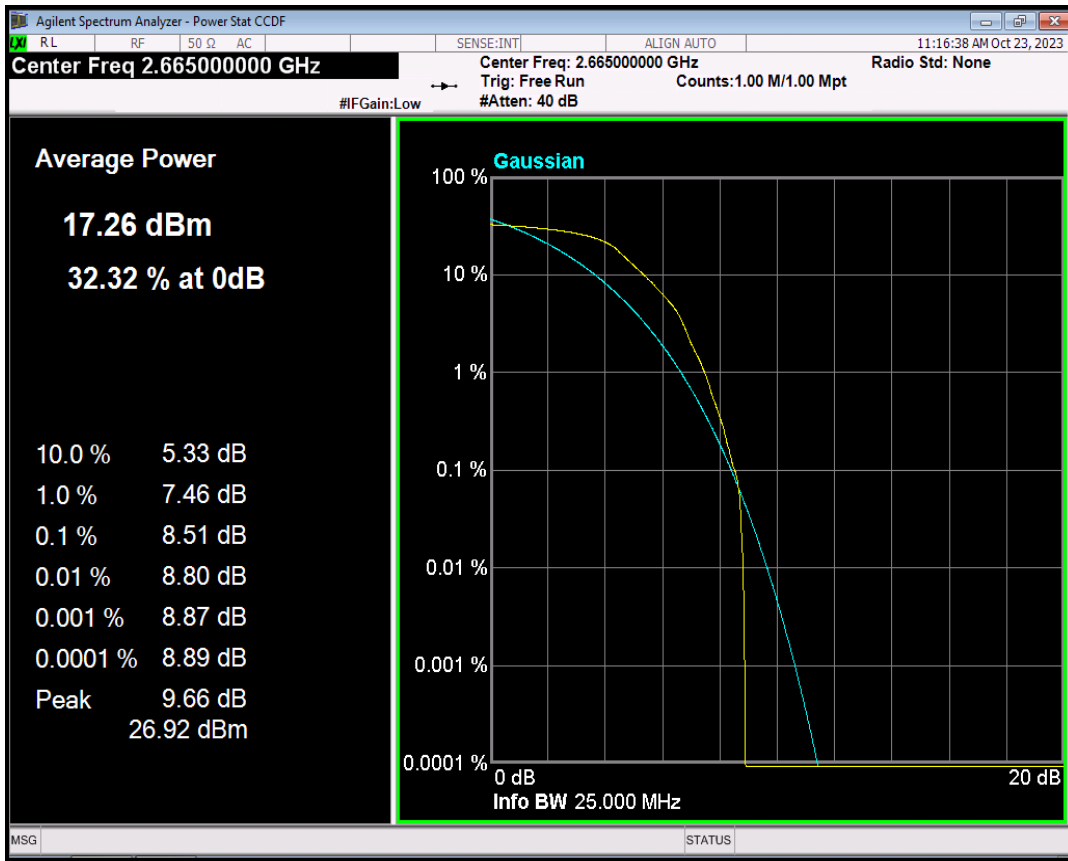


Band41(2535-2675) 16QAM BW=20MHz Channel=40740 RB Size=1 Position=#0

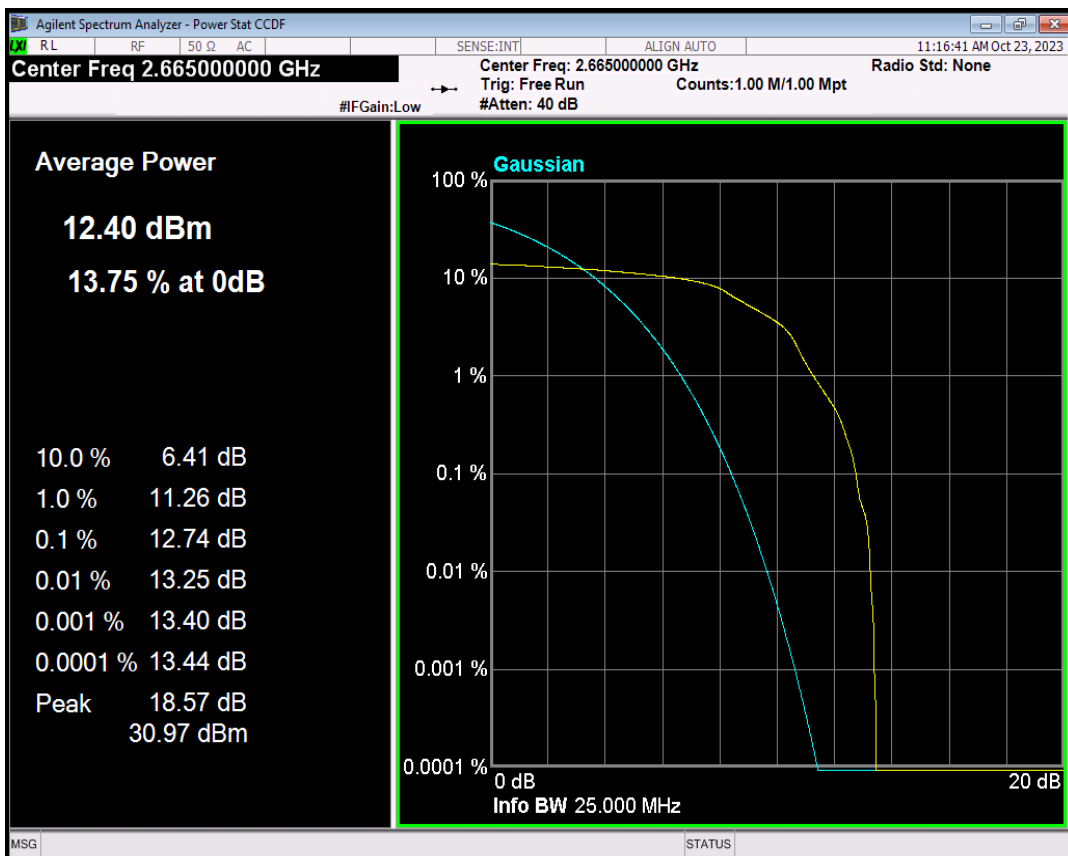




Band41(2535-2675) QPSK BW=20MHz Channel=41340 RB Size=1 Position=#0



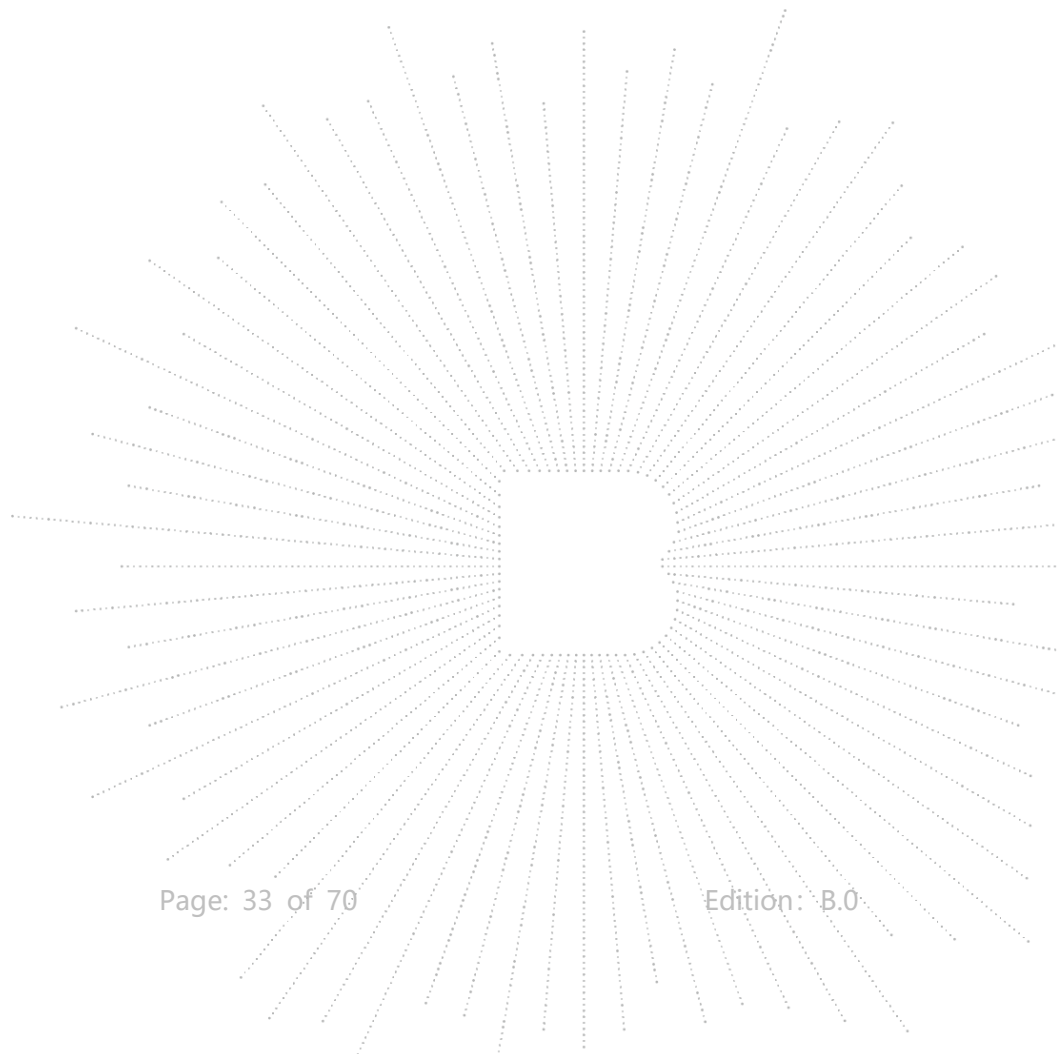
Band41(2535-2675) 16QAM BW=20MHz Channel=41340 RB Size=1 Position=#0



Appendix 4. Occupied bandwidth

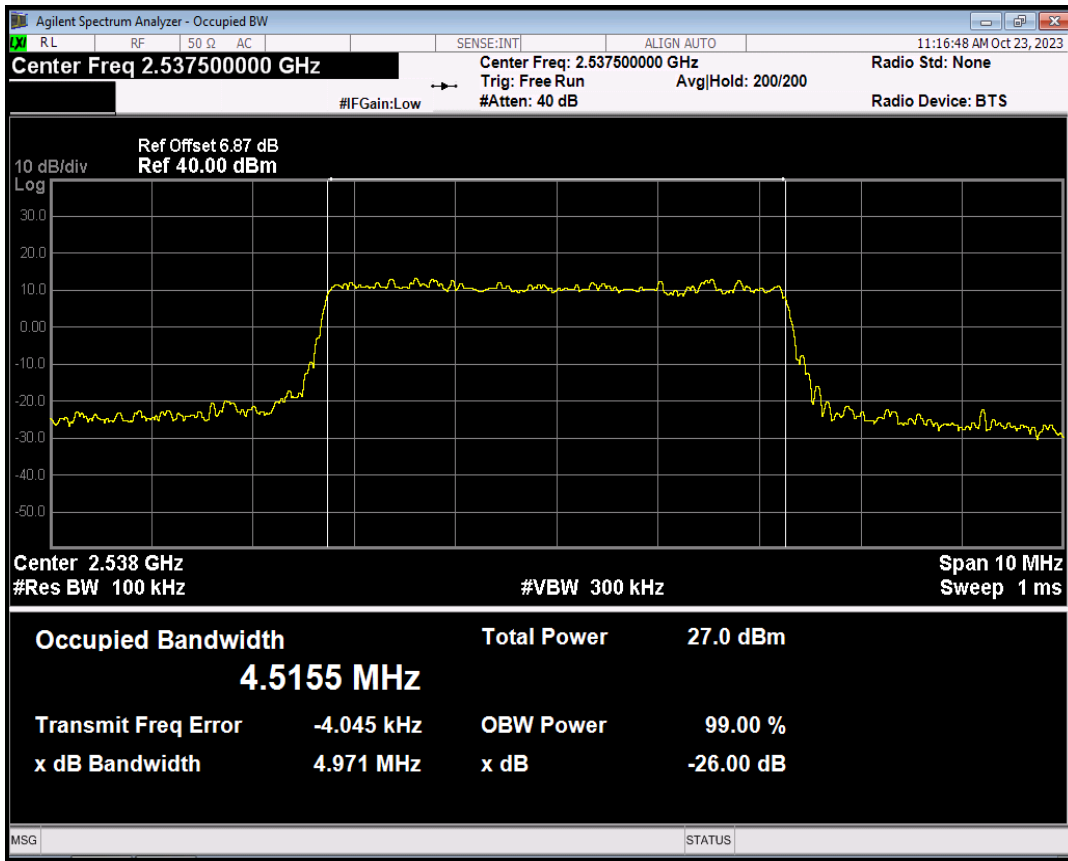
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band41(2535-2675)	5	40065	25	#0	QPSK	4.516	4.971	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	4.519	5.041	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	4.507	4.922	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	4.525	5.032	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	4.516	4.986	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	4.503	4.940	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	8.998	9.836	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	9.012	9.813	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	8.999	9.802	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	8.972	9.817	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	8.988	9.595	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	8.977	9.762	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	13.530	14.668	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	13.555	14.994	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	13.446	14.666	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	13.493	14.663	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	13.430	14.926	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	13.465	14.300	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	17.996	19.309	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	18.045	19.668	PASS

2675)								
Band41(2535-2675)	20	40740	100	#0	QPSK	17.958	19.760	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	17.900	20.411	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	17.903	18.932	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	17.871	19.457	PASS

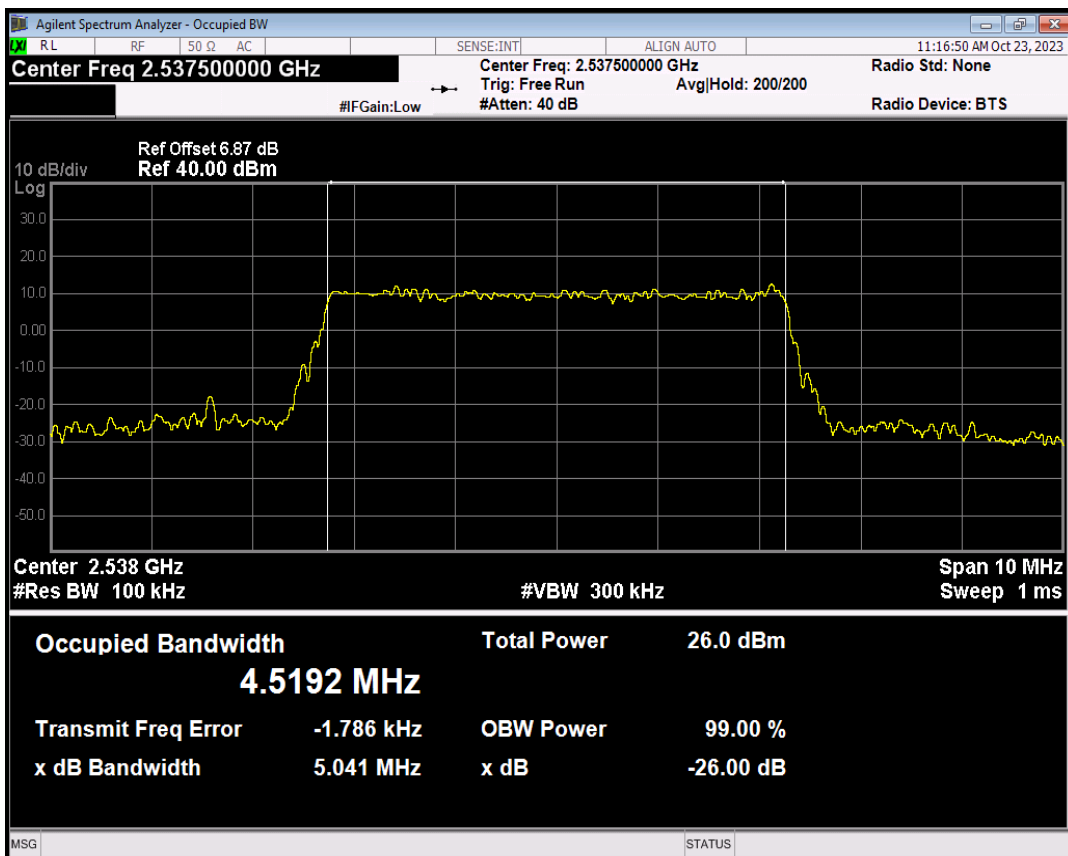




Band41(2535-2675) QPSK BW=5MHz Channel=40065 RB Size=25 Position=#0

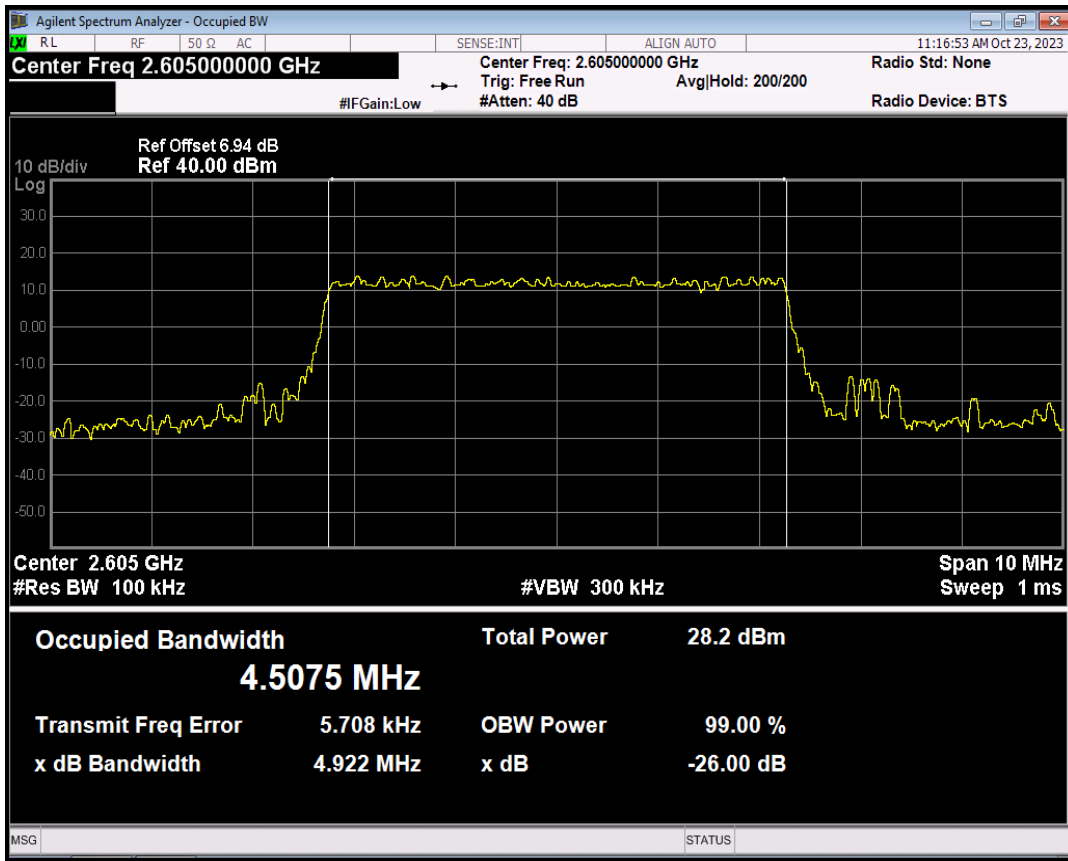


Band41(2535-2675) 16QAM BW=5MHz Channel=40065 RB Size=25 Position=#0

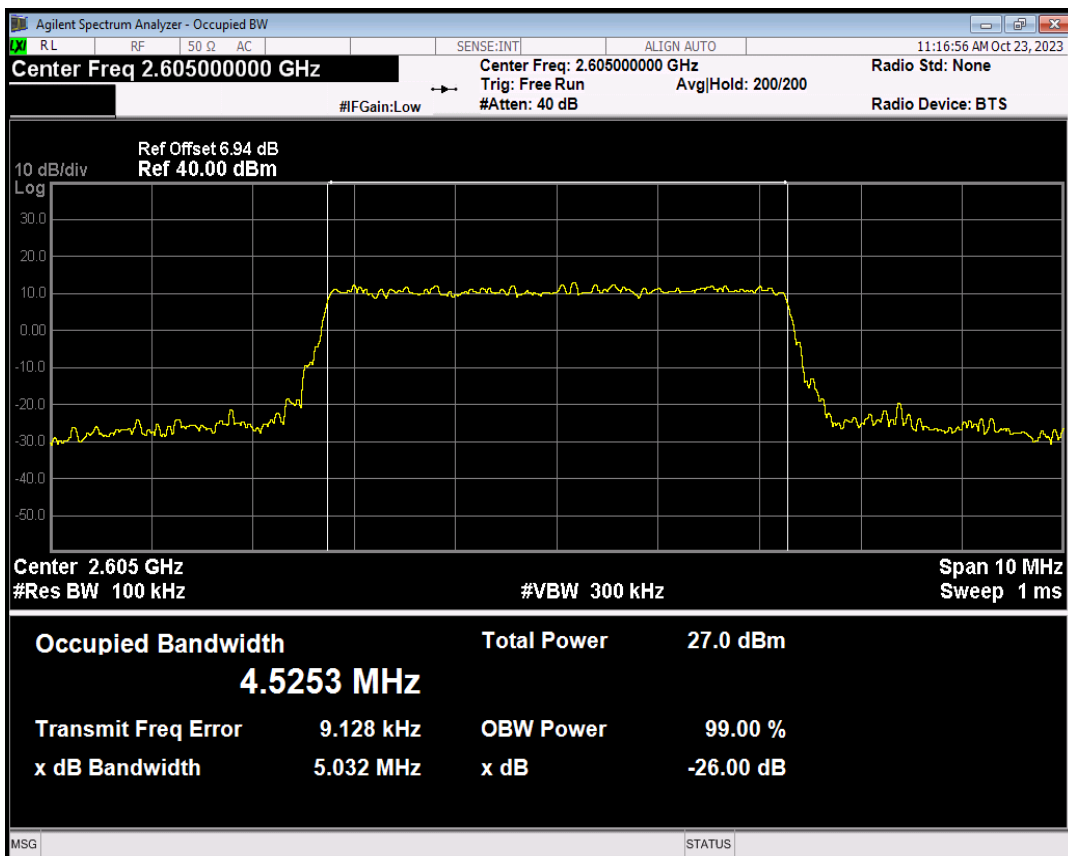




Band41(2535-2675) QPSK BW=5MHz Channel=40740 RB Size=25 Position=#0

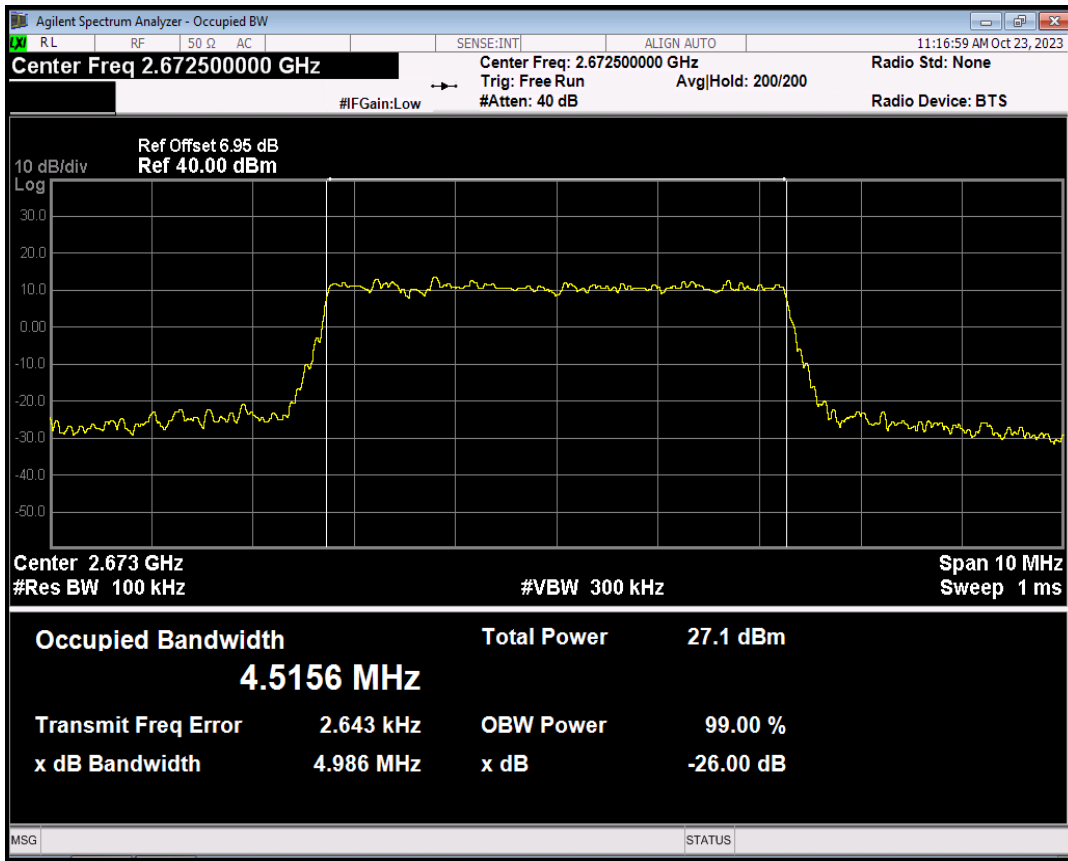


Band41(2535-2675) 16QAM BW=5MHz Channel=40740 RB Size=25 Position=#0

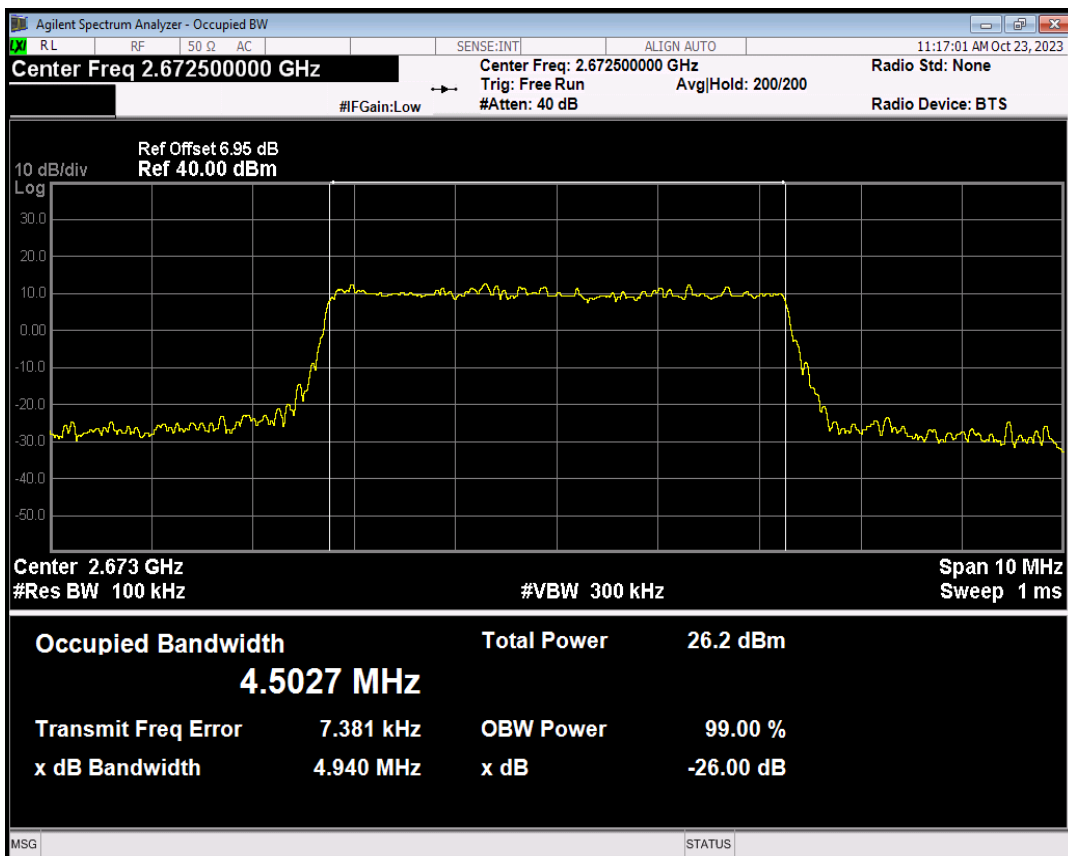




Band41(2535-2675) QPSK BW=5MHz Channel=41415 RB Size=25 Position=#0

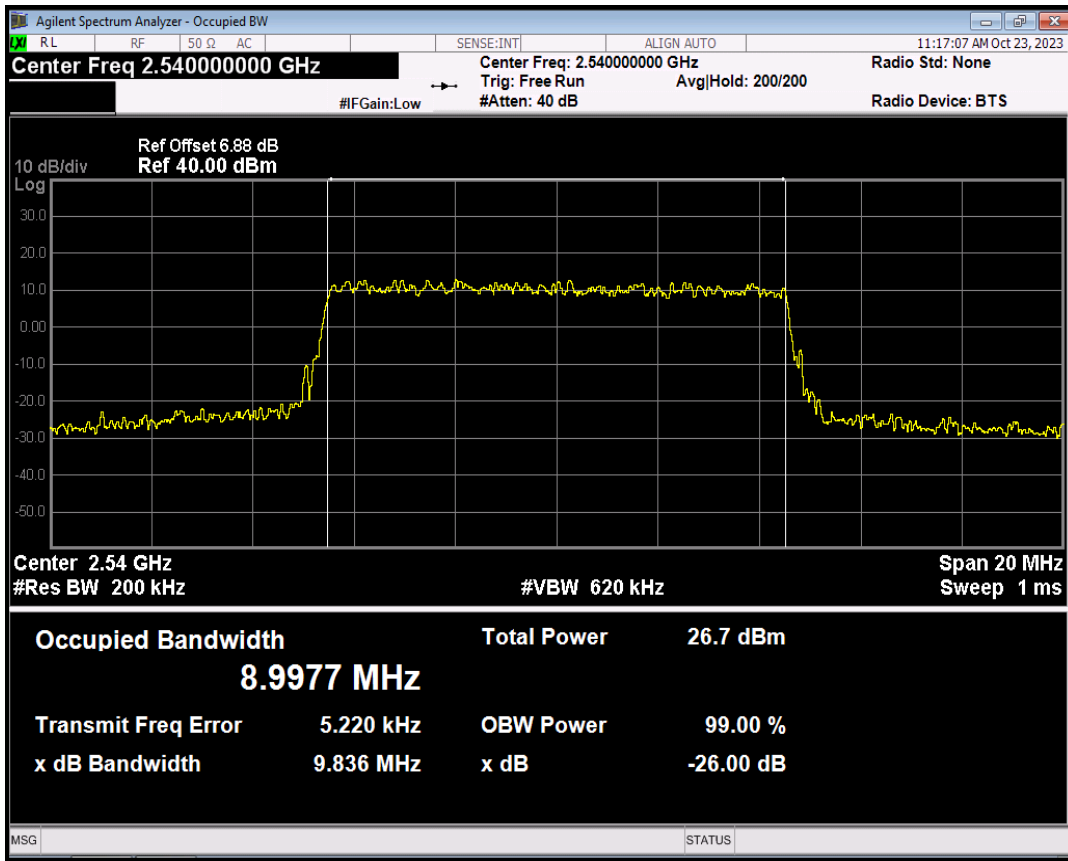


Band41(2535-2675) 16QAM BW=5MHz Channel=41415 RB Size=25 Position=#0

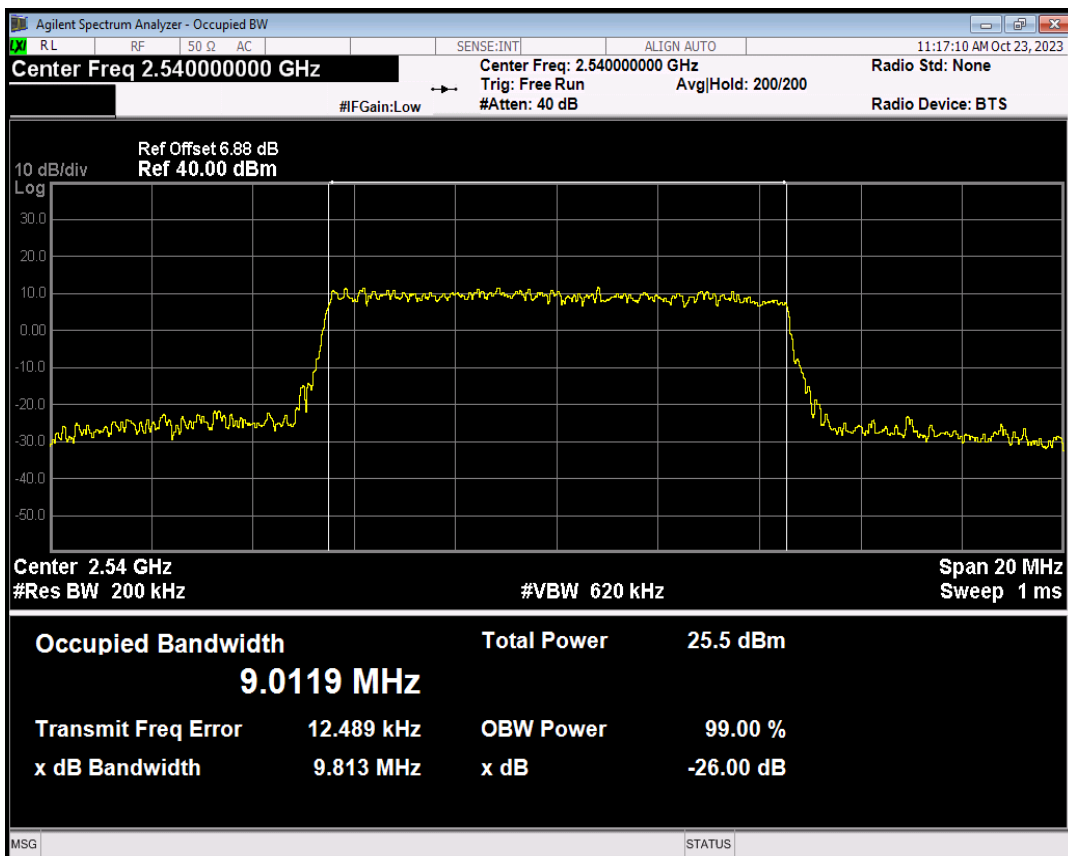




Band41(2535-2675) QPSK BW=10MHz Channel=40090 RB Size=50 Position=#0

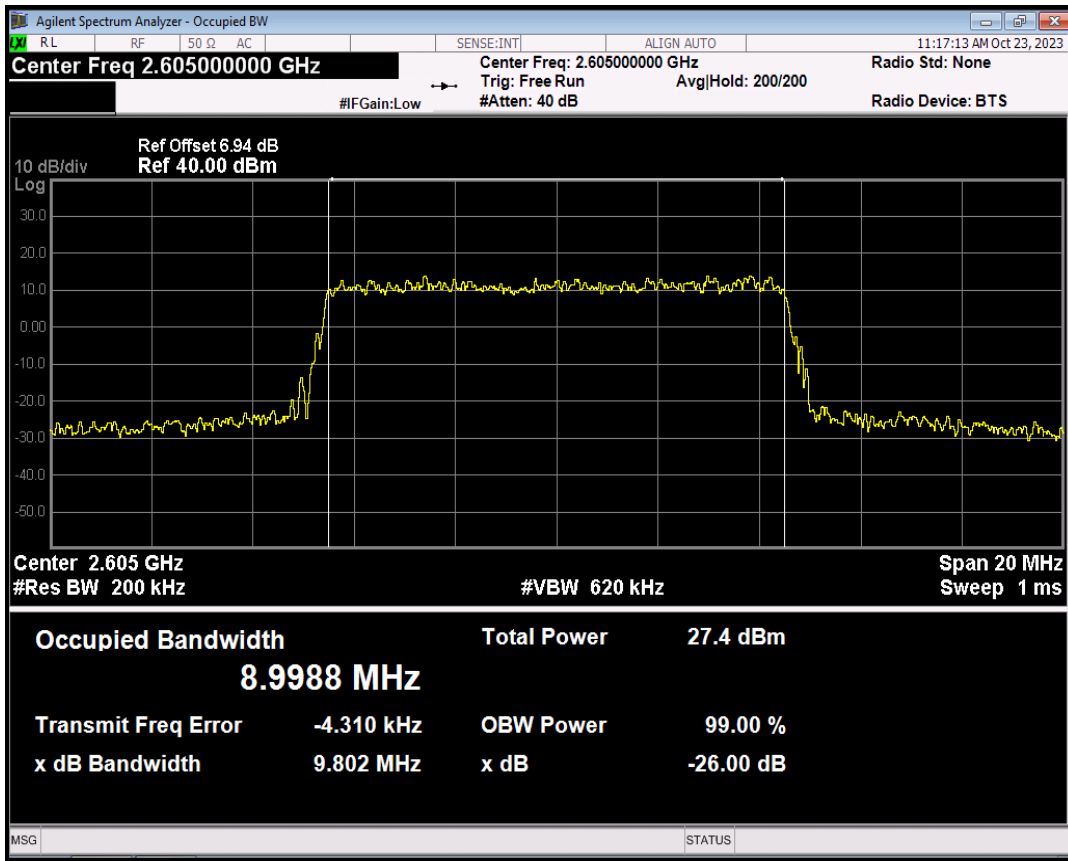


Band41(2535-2675) 16QAM BW=10MHz Channel=40090 RB Size=50 Position=#0

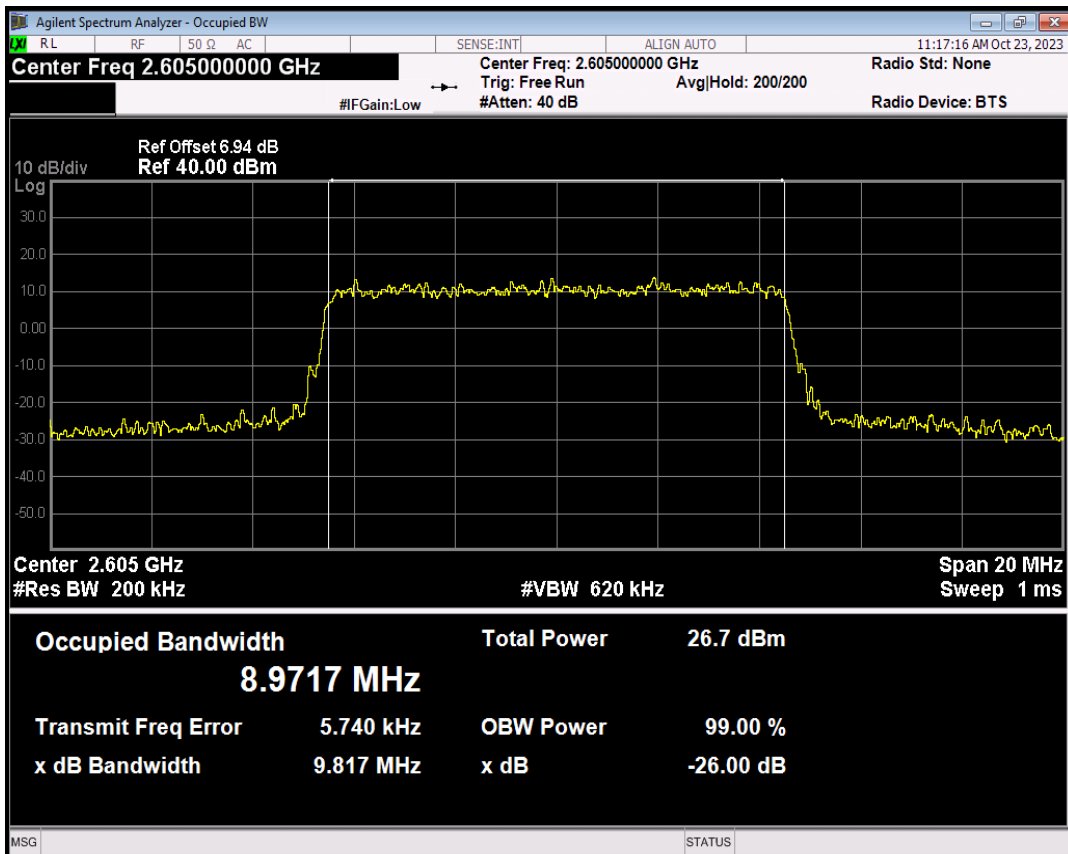




Band41(2535-2675) QPSK BW=10MHz Channel=40740 RB Size=50 Position=#0

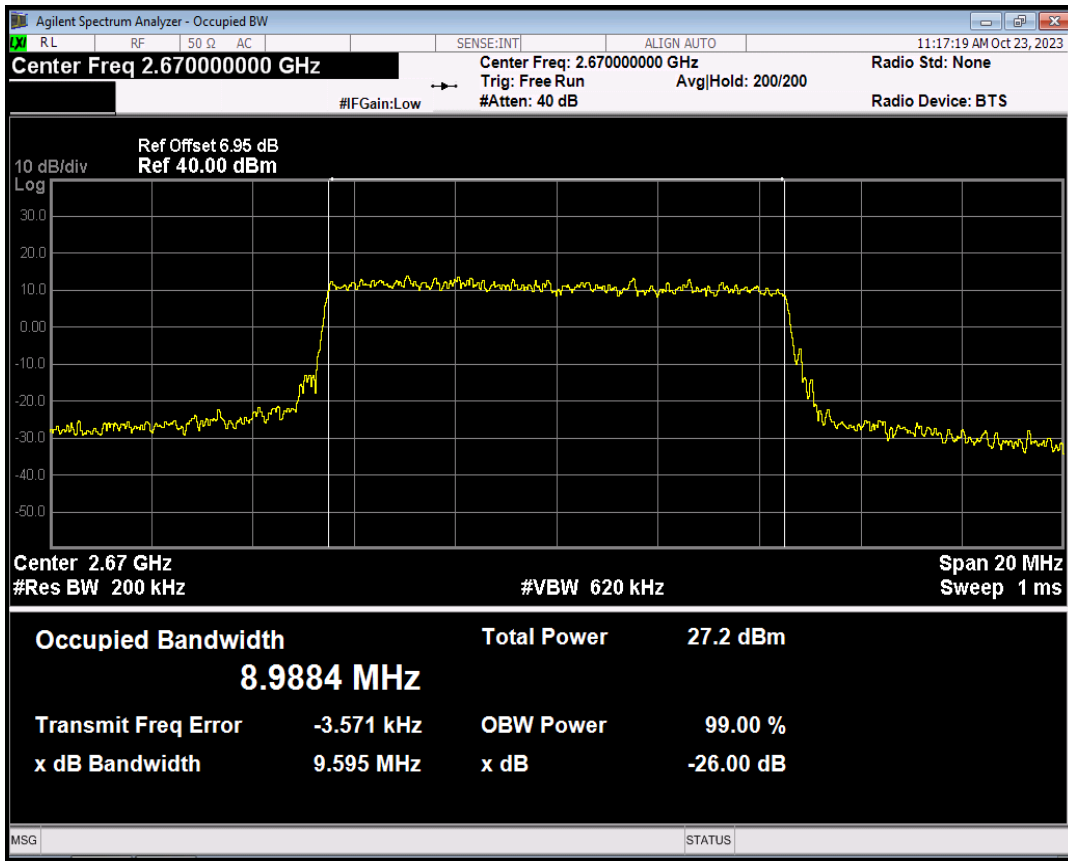


Band41(2535-2675) 16QAM BW=10MHz Channel=40740 RB Size=50 Position=#0

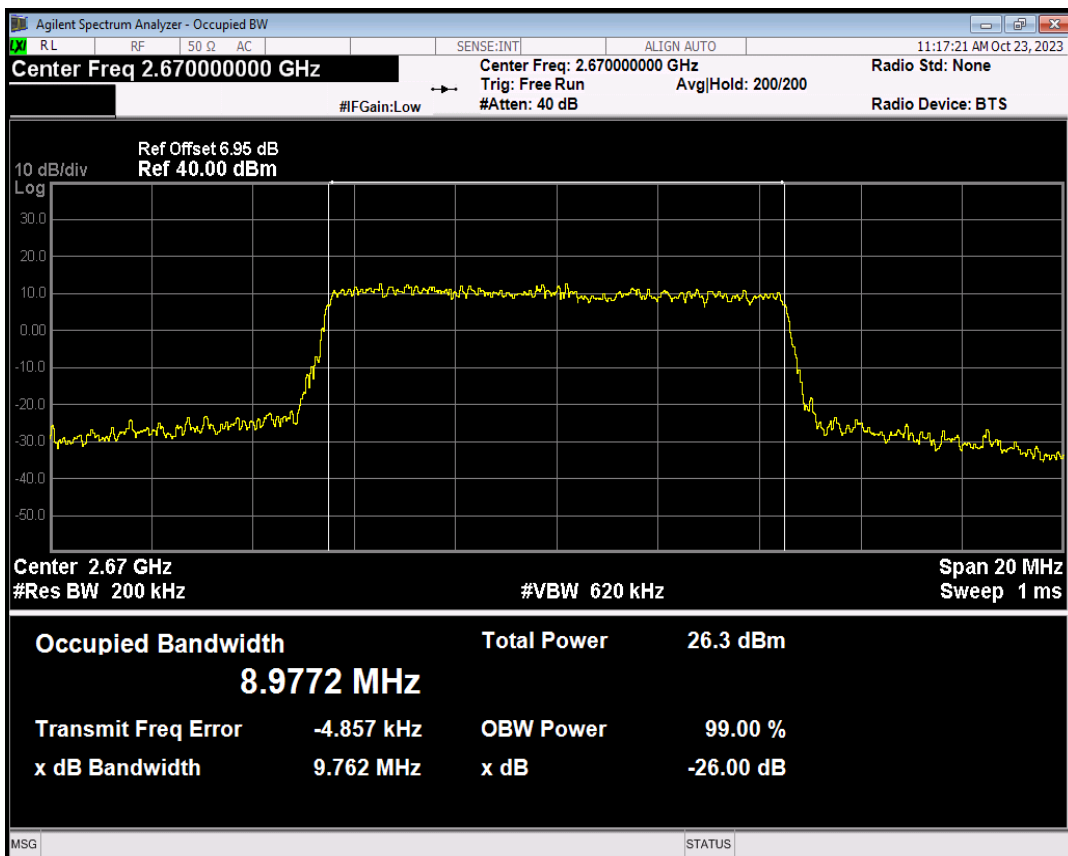




Band41(2535-2675) QPSK BW=10MHz Channel=41390 RB Size=50 Position=#0

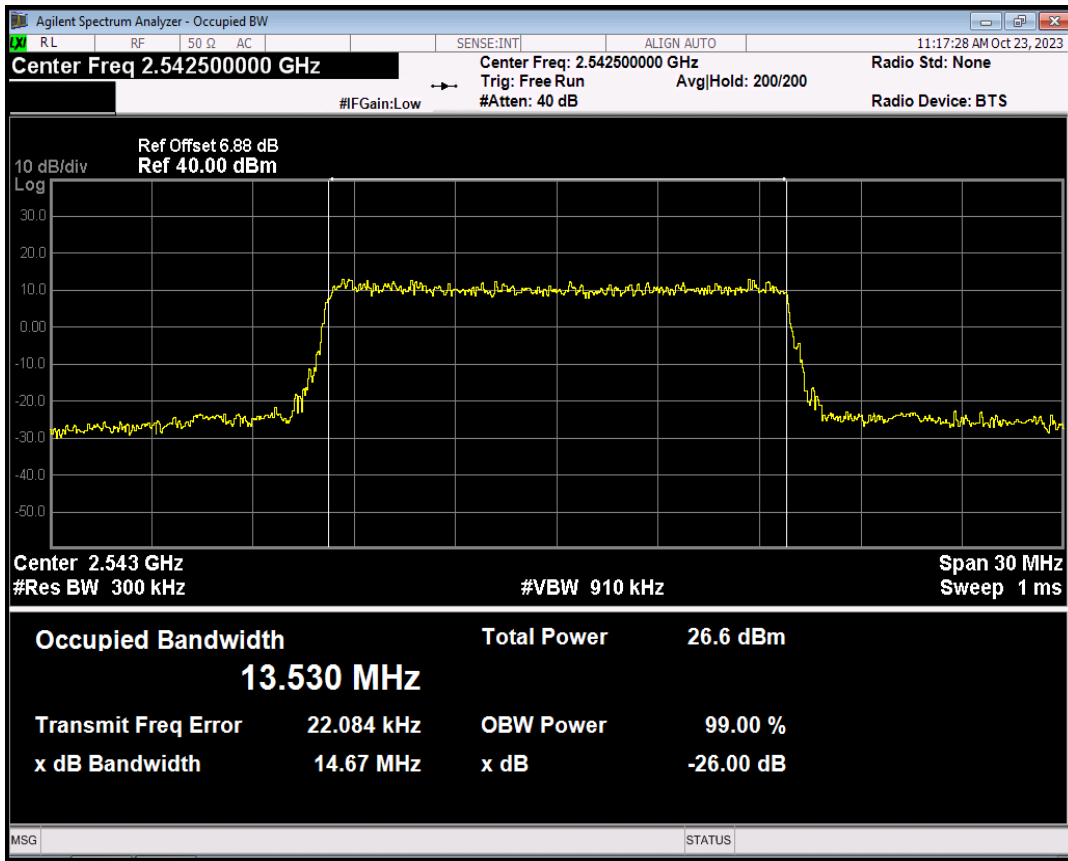


Band41(2535-2675) 16QAM BW=10MHz Channel=41390 RB Size=50 Position=#0

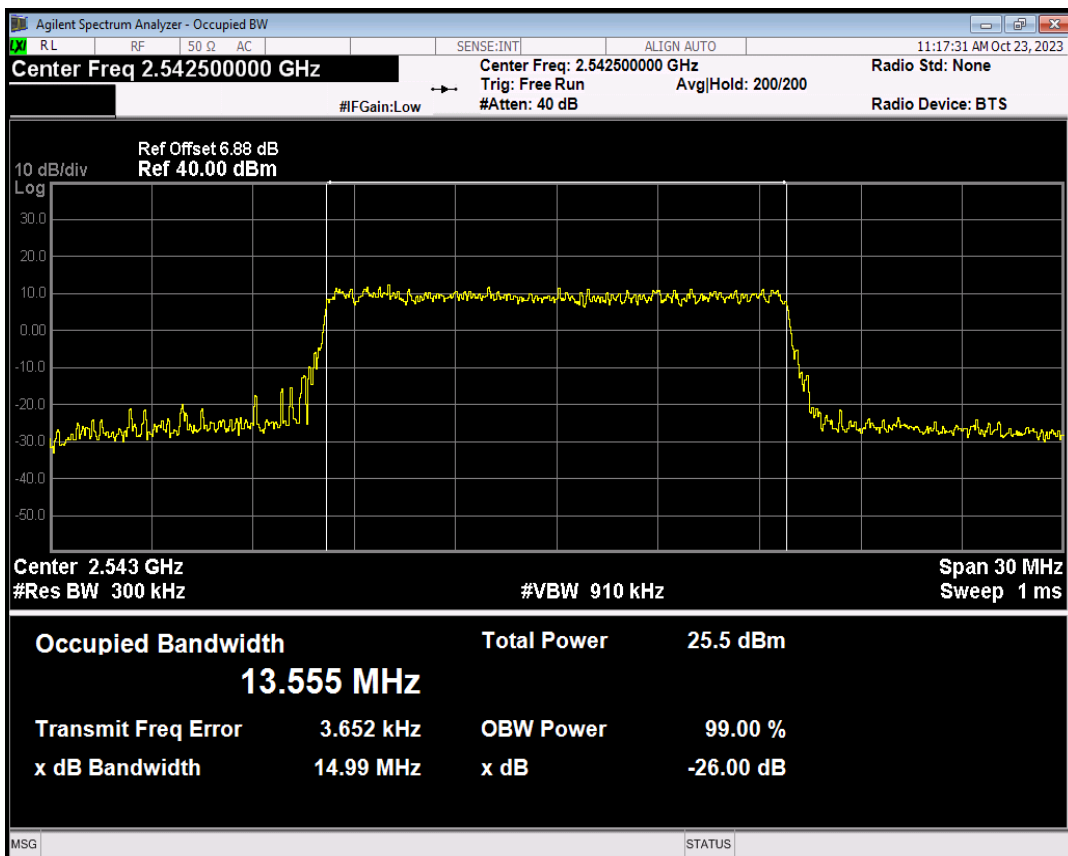




Band41(2535-2675) QPSK BW=15MHz Channel=40115 RB Size=75 Position=#0

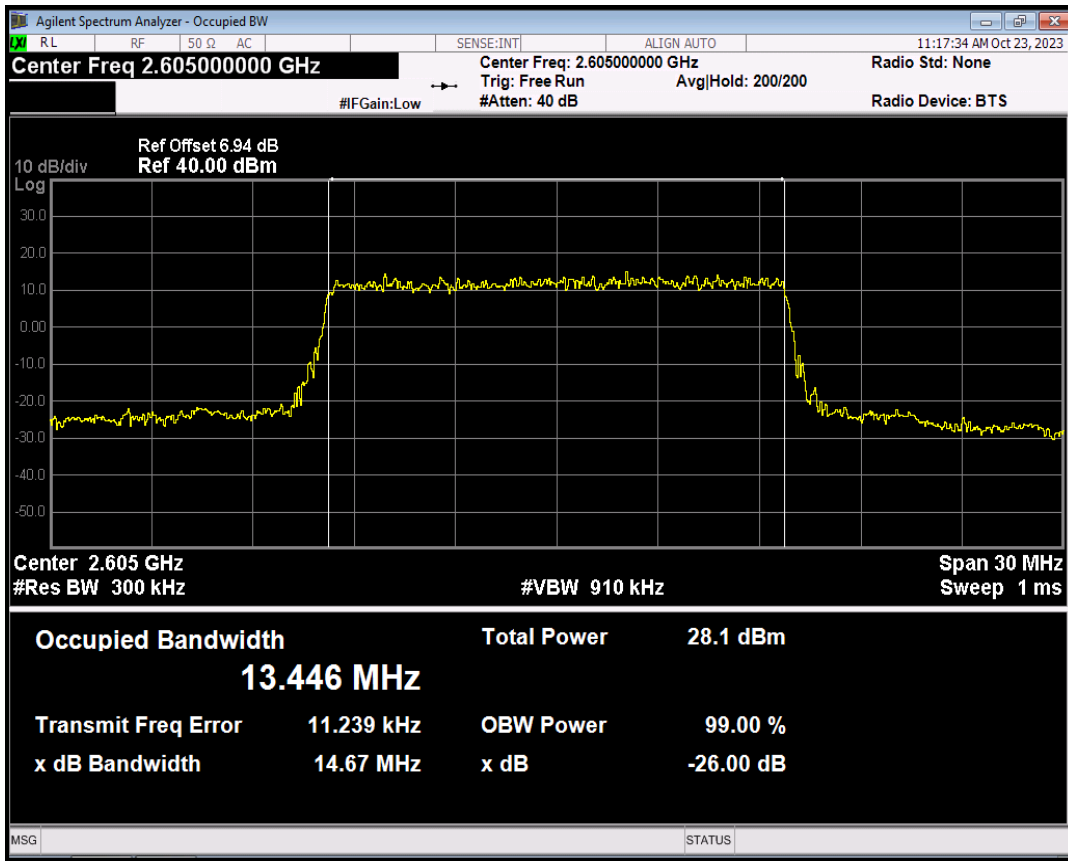


Band41(2535-2675) 16QAM BW=15MHz Channel=40115 RB Size=75 Position=#0

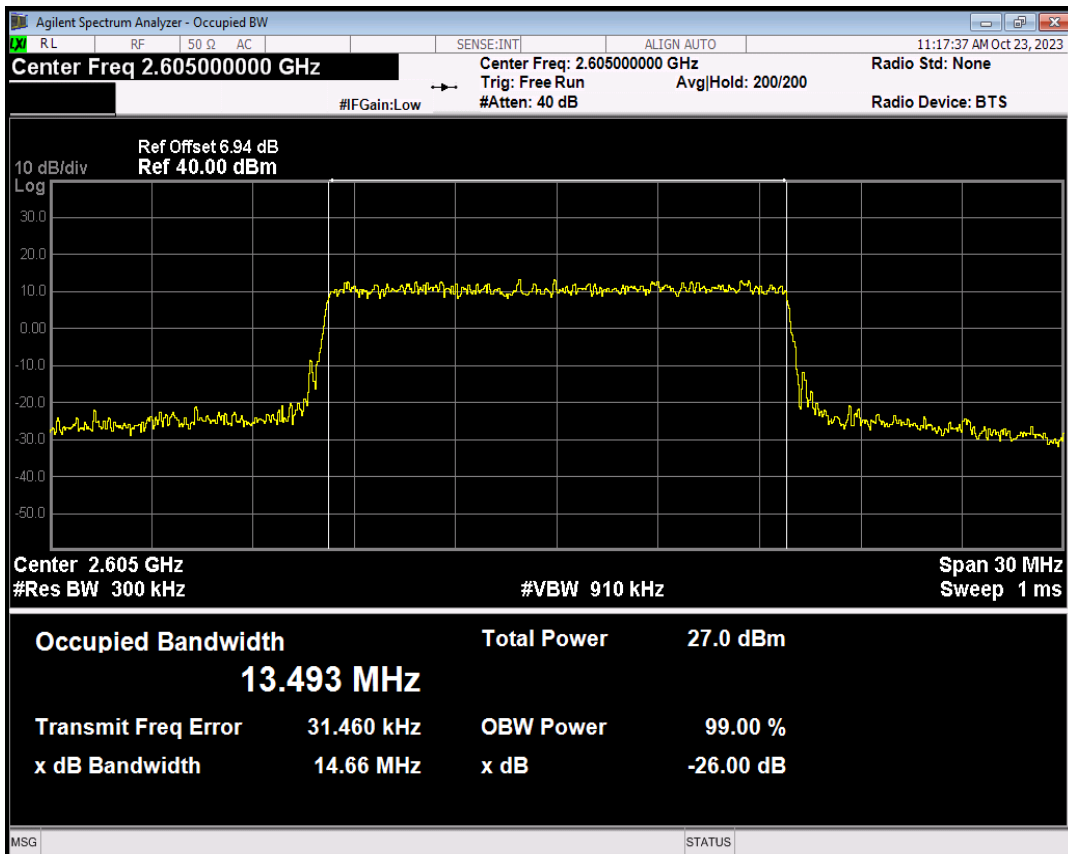




Band41(2535-2675) QPSK BW=15MHz Channel=40740 RB Size=75 Position=#0

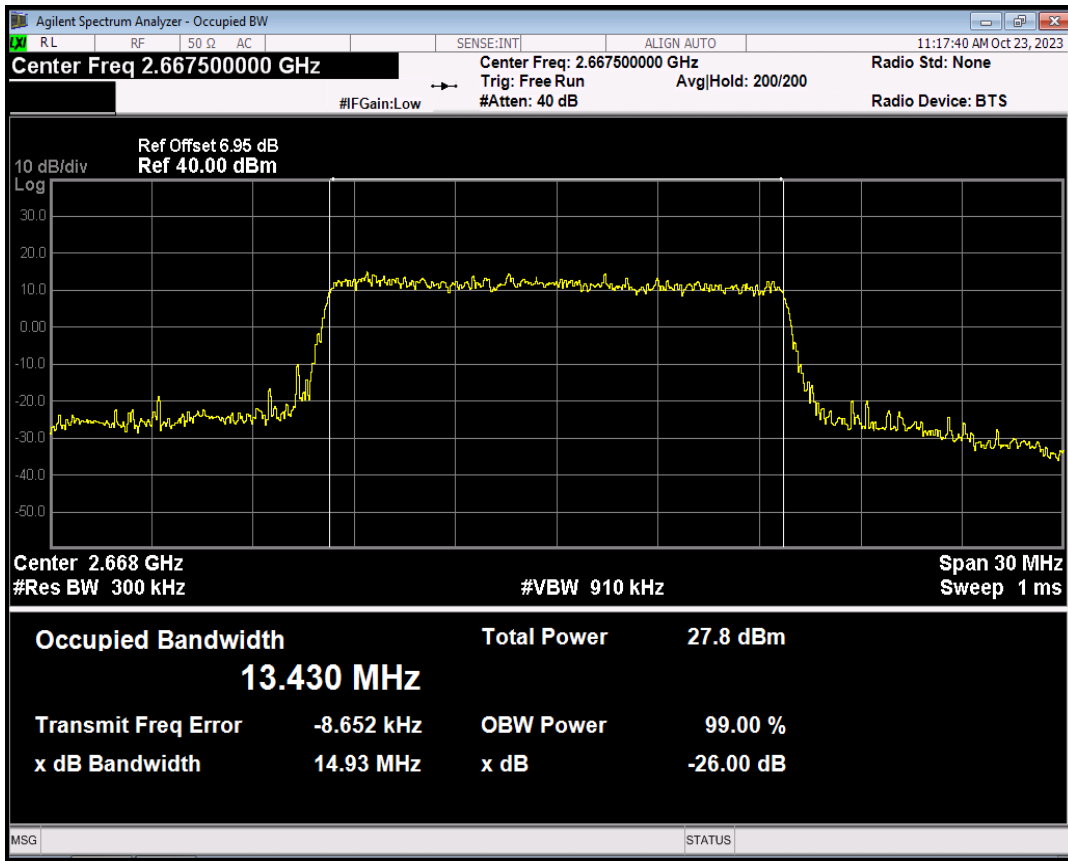


Band41(2535-2675) 16QAM BW=15MHz Channel=40740 RB Size=75 Position=#0

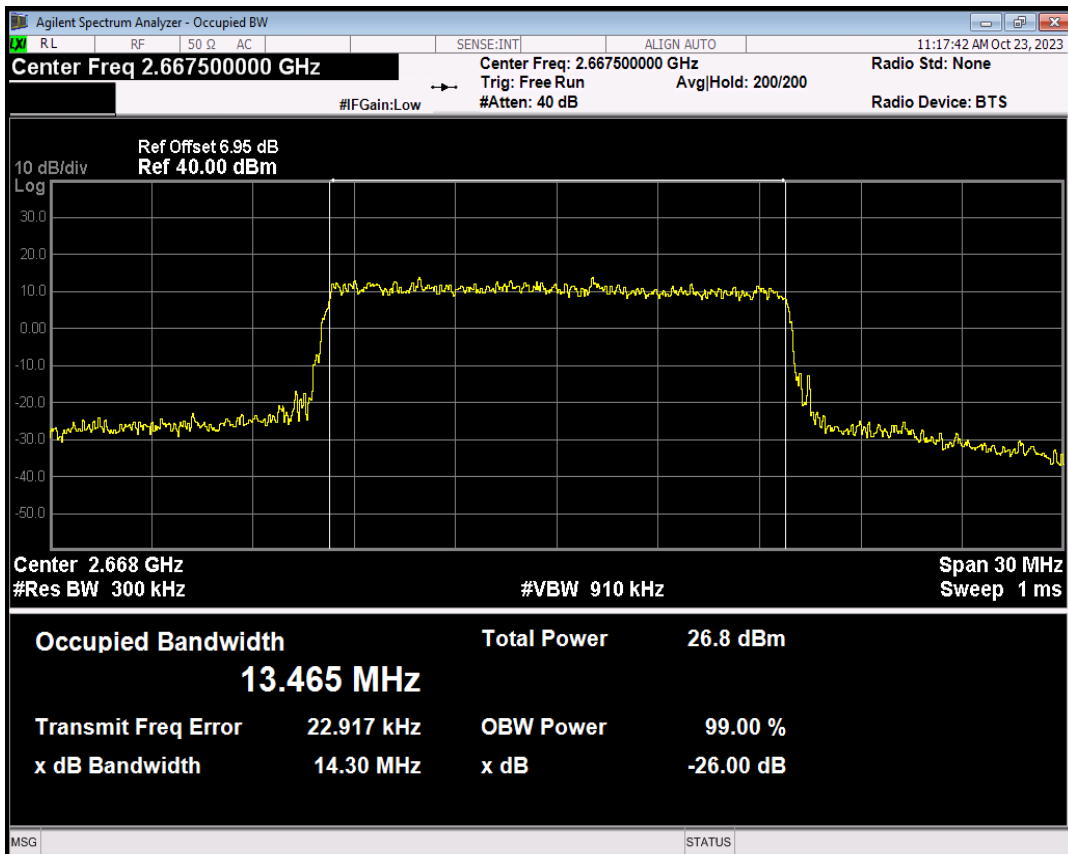




Band41(2535-2675) QPSK BW=15MHz Channel=41365 RB Size=75 Position=#0

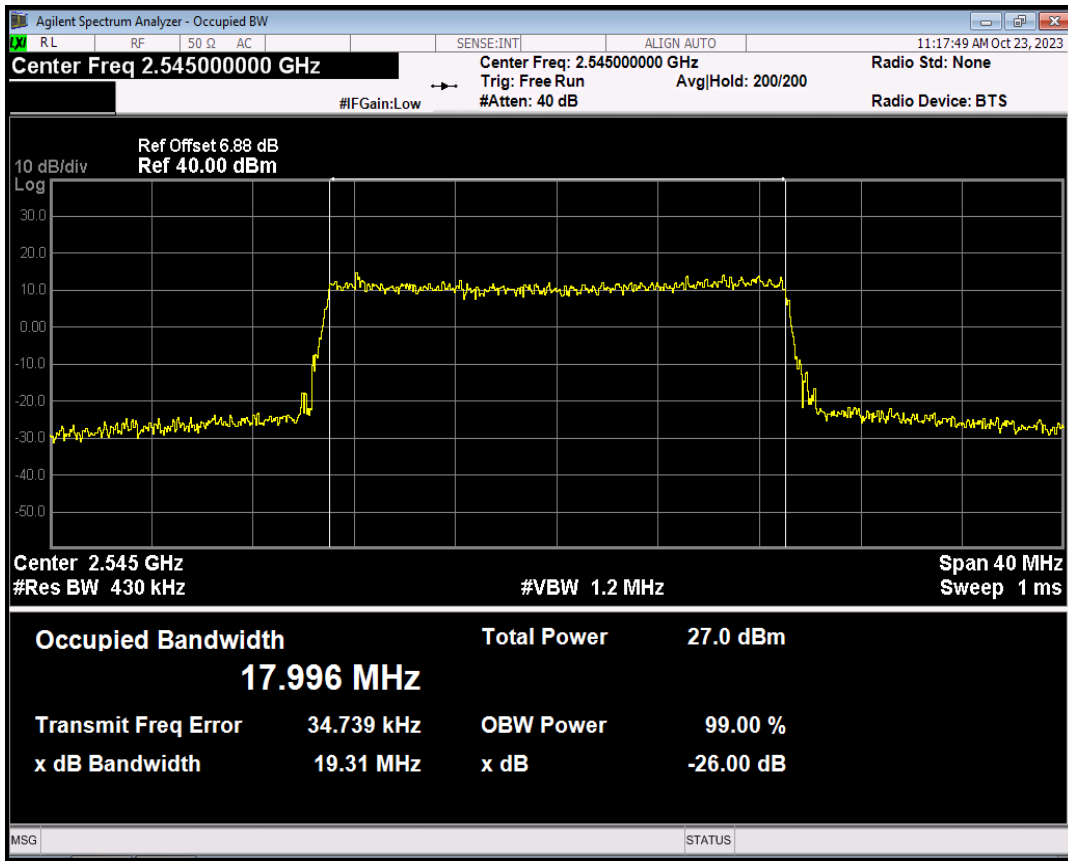


Band41(2535-2675) 16QAM BW=15MHz Channel=41365 RB Size=75 Position=#0

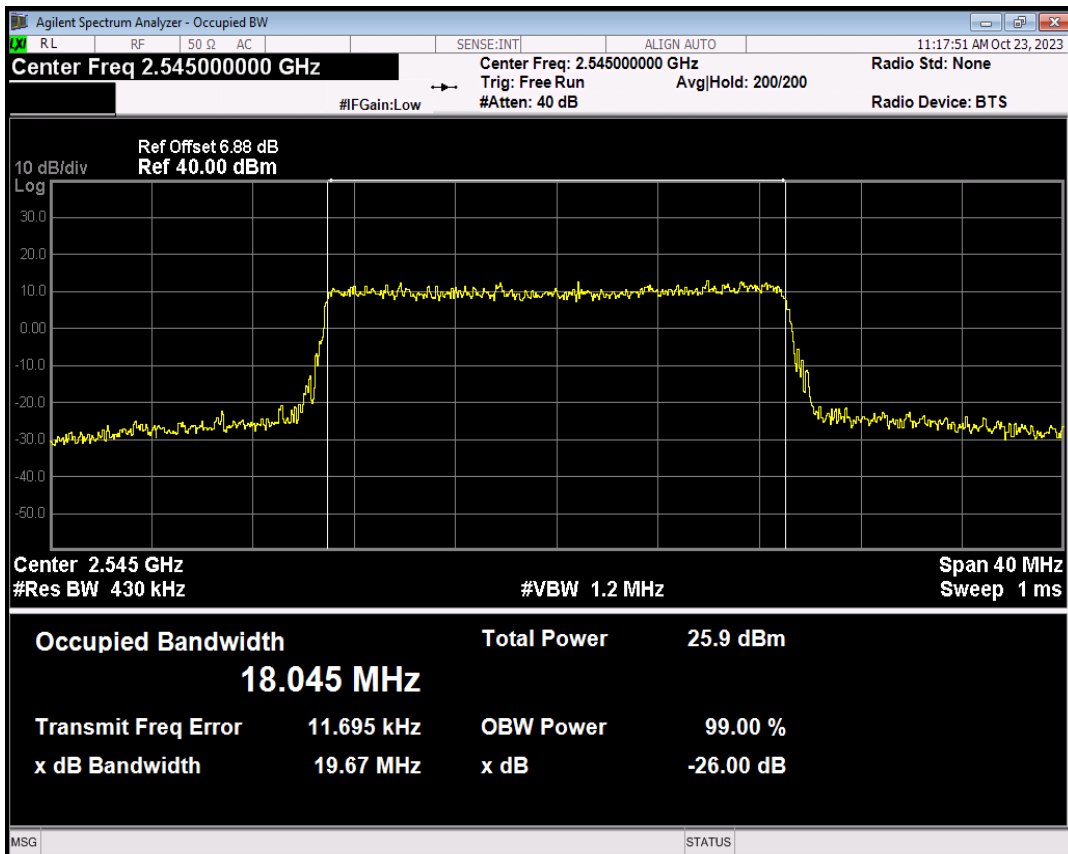




Band41(2535-2675) QPSK BW=20MHz Channel=40140 RB Size=100 Position=#0

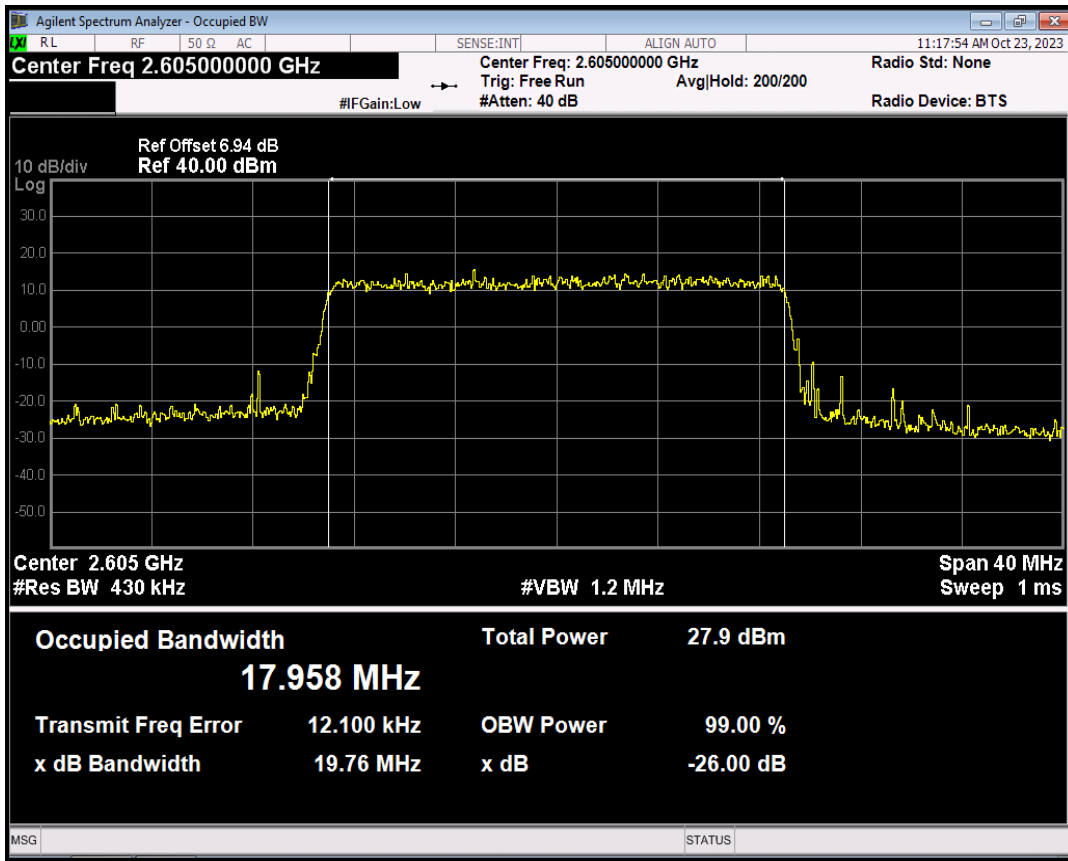


Band41(2535-2675) 16QAM BW=20MHz Channel=40140 RB Size=100 Position=#0

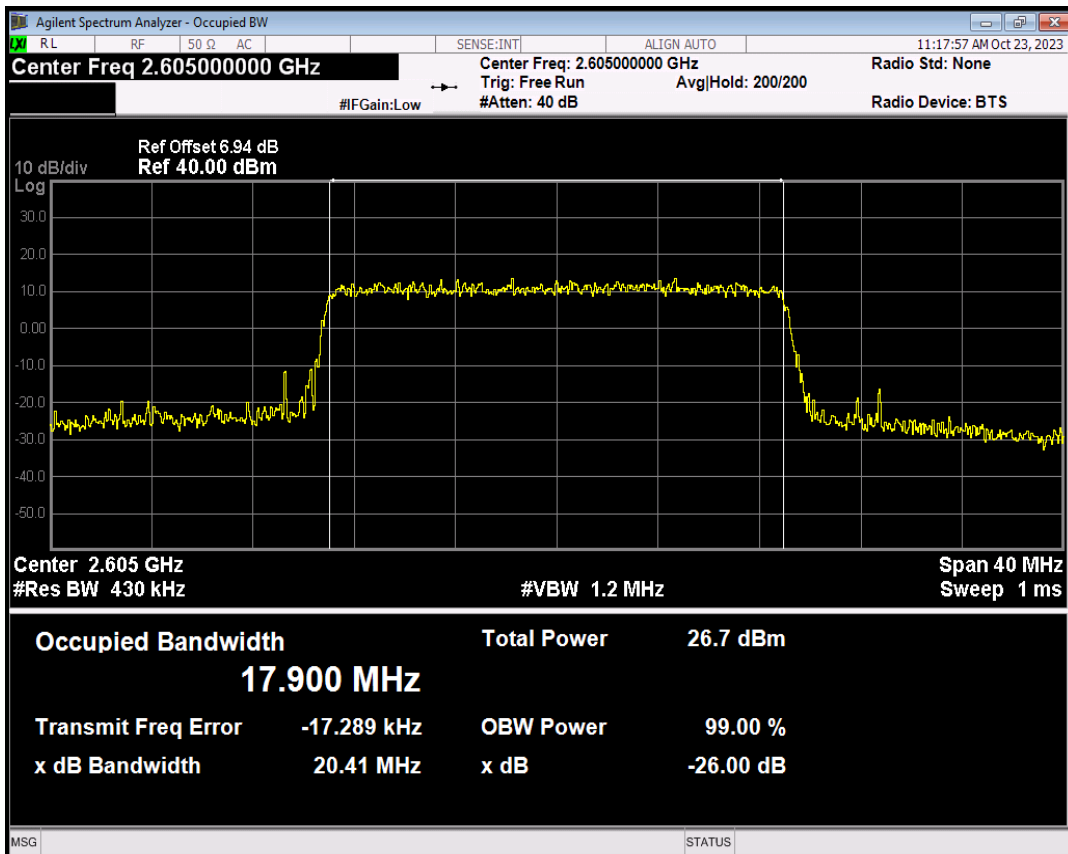




Band41(2535-2675) QPSK BW=20MHz Channel=40740 RB Size=100 Position=#0

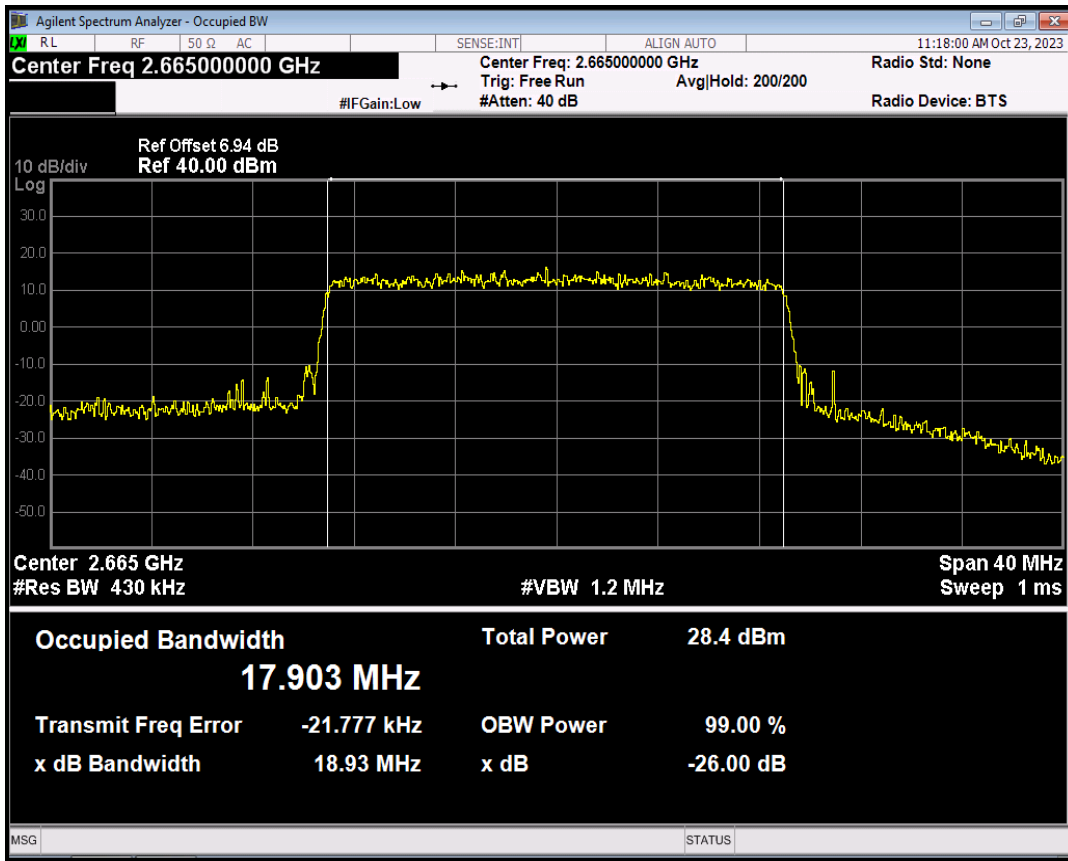


Band41(2535-2675) 16QAM BW=20MHz Channel=40740 RB Size=100 Position=#0

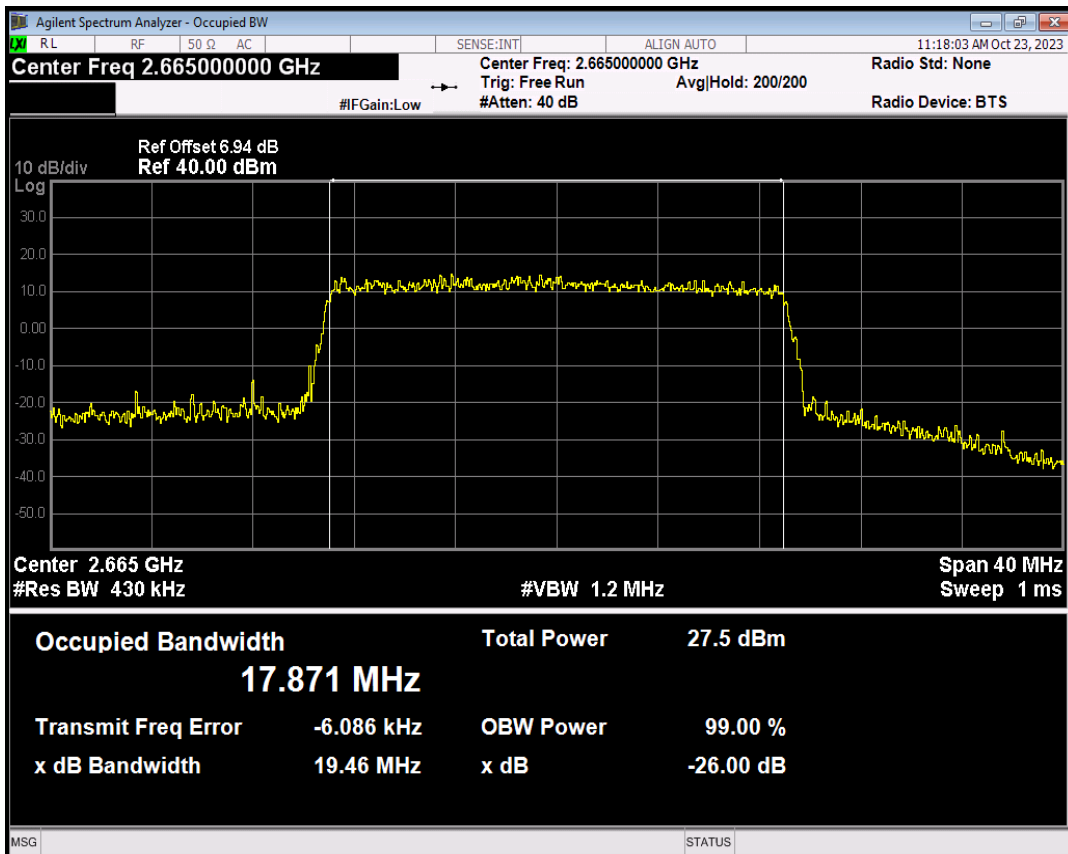




Band41(2535-2675) QPSK BW=20MHz Channel=41340 RB Size=100 Position=#0



Band41(2535-2675) 16QAM BW=20MHz Channel=41340 RB Size=100 Position=#0

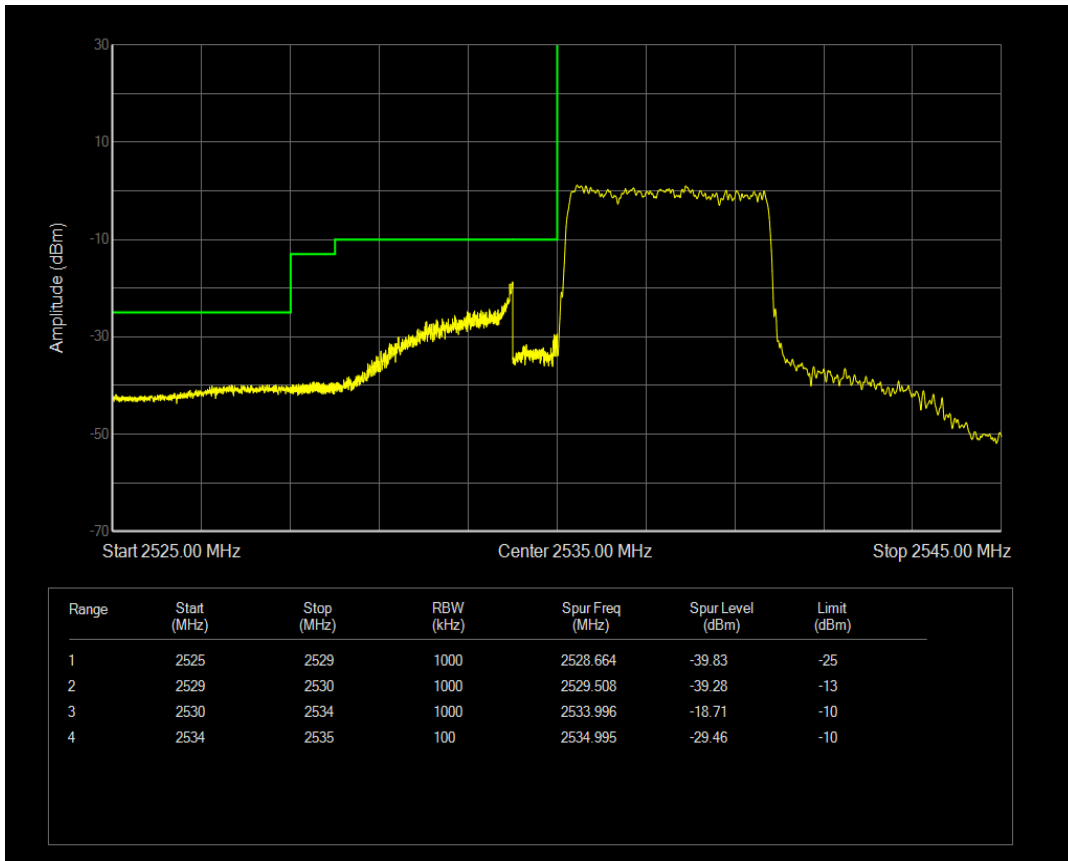


Appendix 5. Band edge

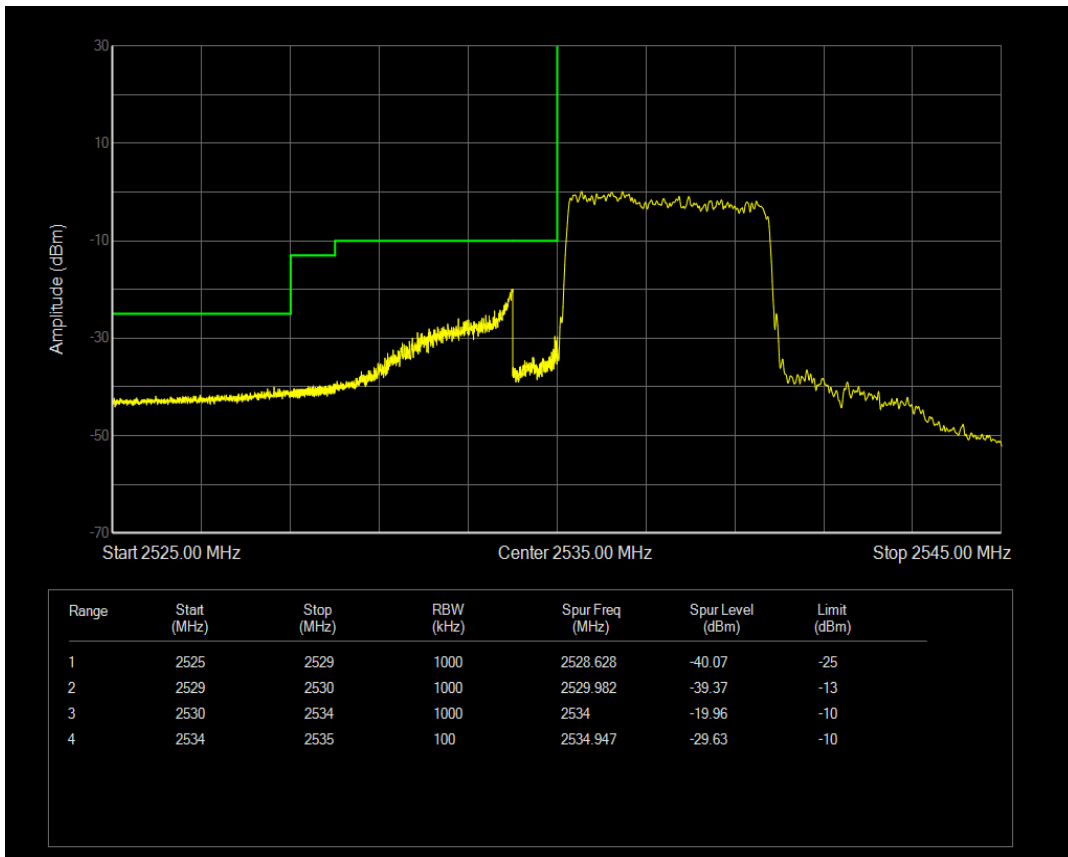
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band41(2535-2675)	5	40065	25	#0	QPSK	2534.00	-18.71	-10	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	2534.00	-19.96	-10	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	2676.00	-20.09	-10	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	2676.03	-20.08	-10	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	2533.94	-26.08	-10	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	2524.94	-41.00	-25	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	2686.68	-41.07	-25	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	2685.54	-41.11	-25	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	2519.29	-42.00	-25	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	2519.91	-42.26	-25	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	2691.20	-41.29	-25	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	2693.30	-41.50	-25	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	2513.08	-42.58	-25	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	2510.84	-42.55	-25	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	2695.60	-41.44	-25	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	2699.69	-41.41	-25	PASS



Band41(2535-2675) QPSK BW=5MHz Channel=40065 RB Size=25 Position=#0

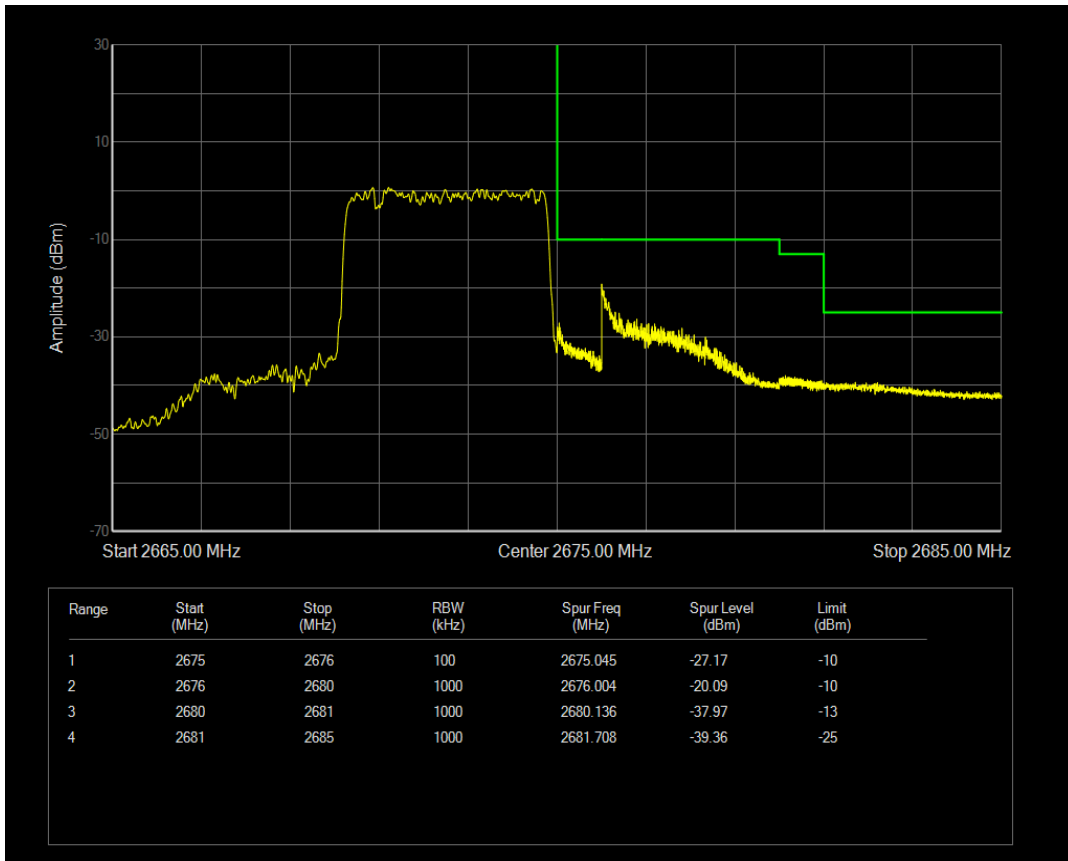


Band41(2535-2675) 16QAM BW=5MHz Channel=40065 RB Size=25 Position=#0

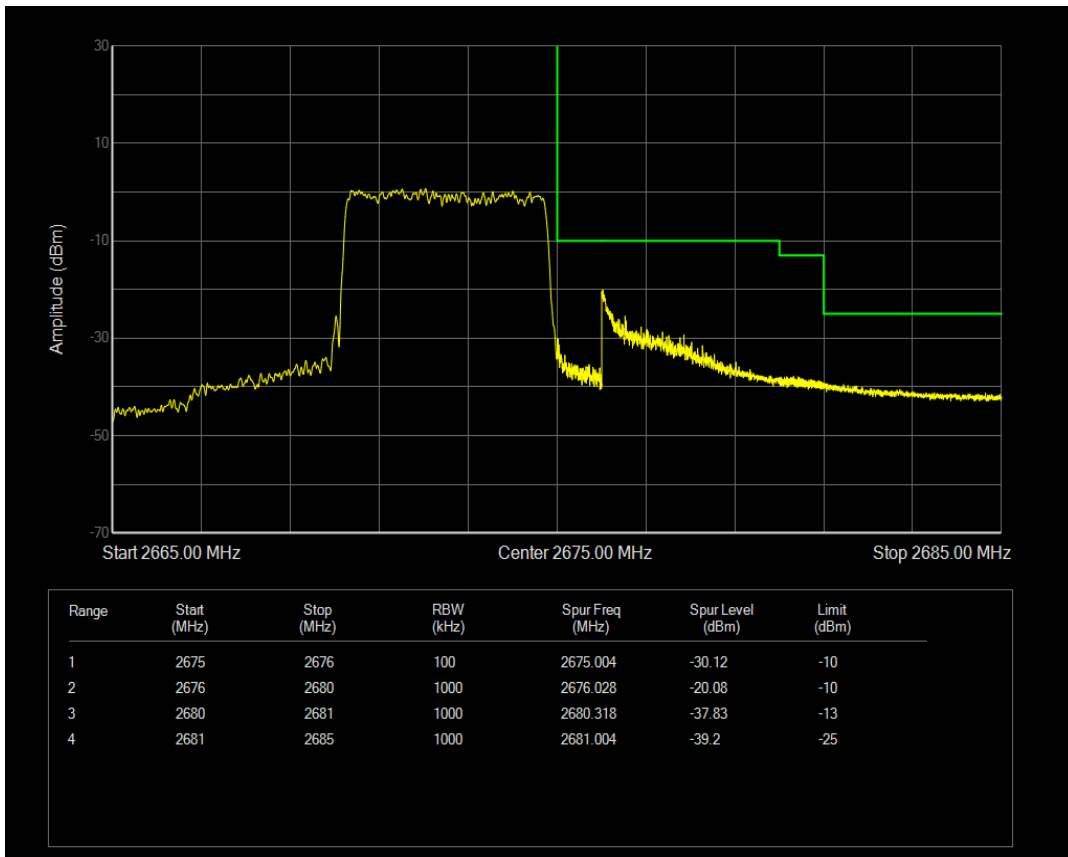




Band41(2535-2675) QPSK BW=5MHz Channel=41415 RB Size=25 Position=#0

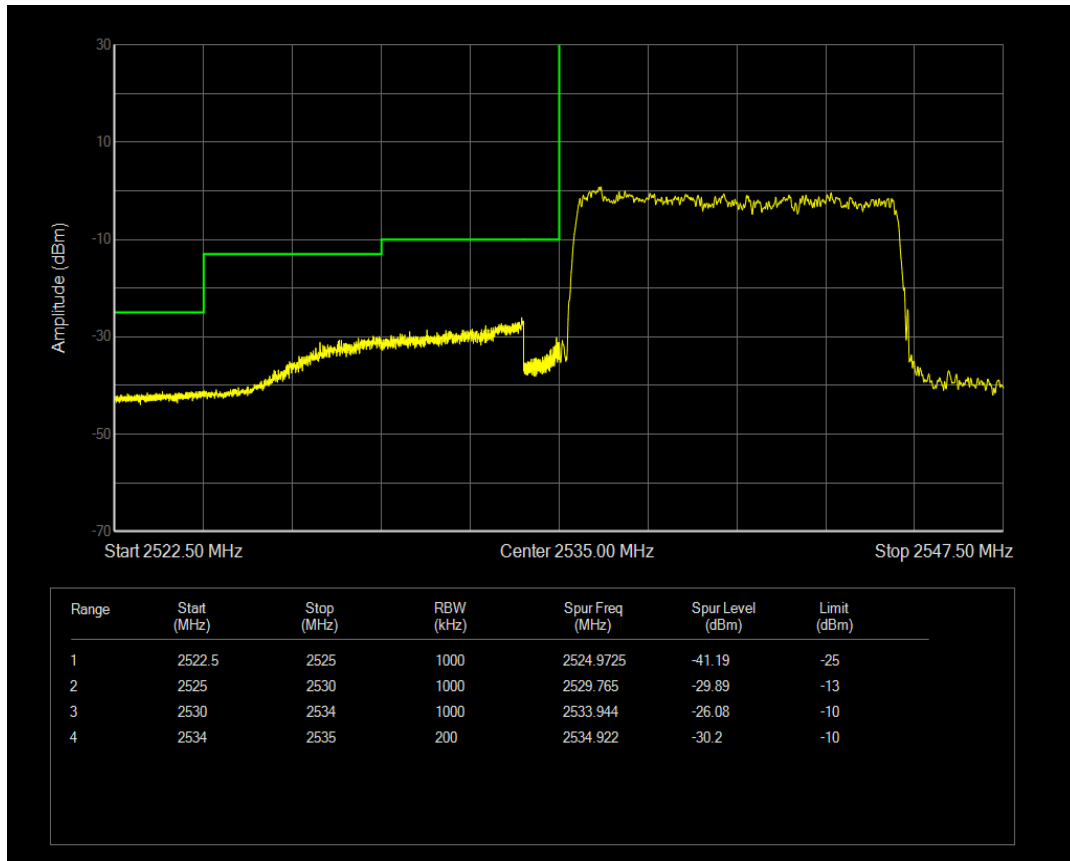


Band41(2535-2675) 16QAM BW=5MHz Channel=41415 RB Size=25 Position=#0

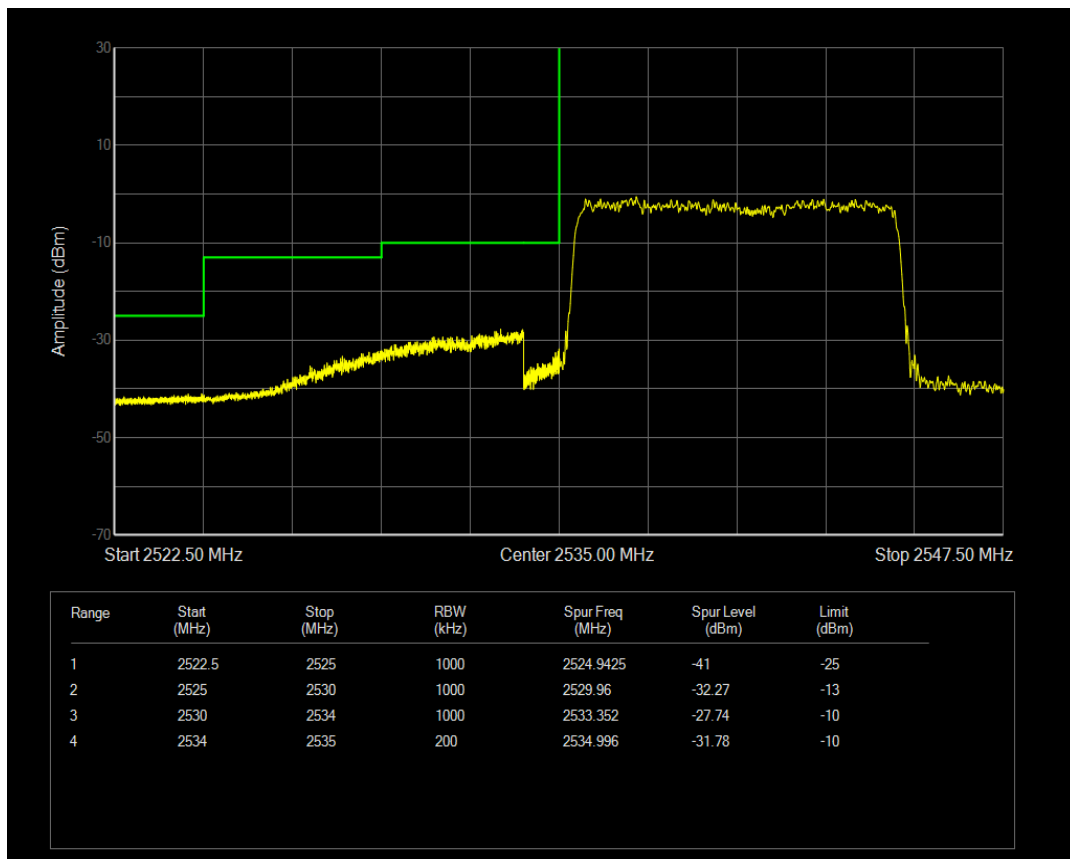




Band41(2535-2675) QPSK BW=10MHz Channel=40090 RB Size=50 Position=#0

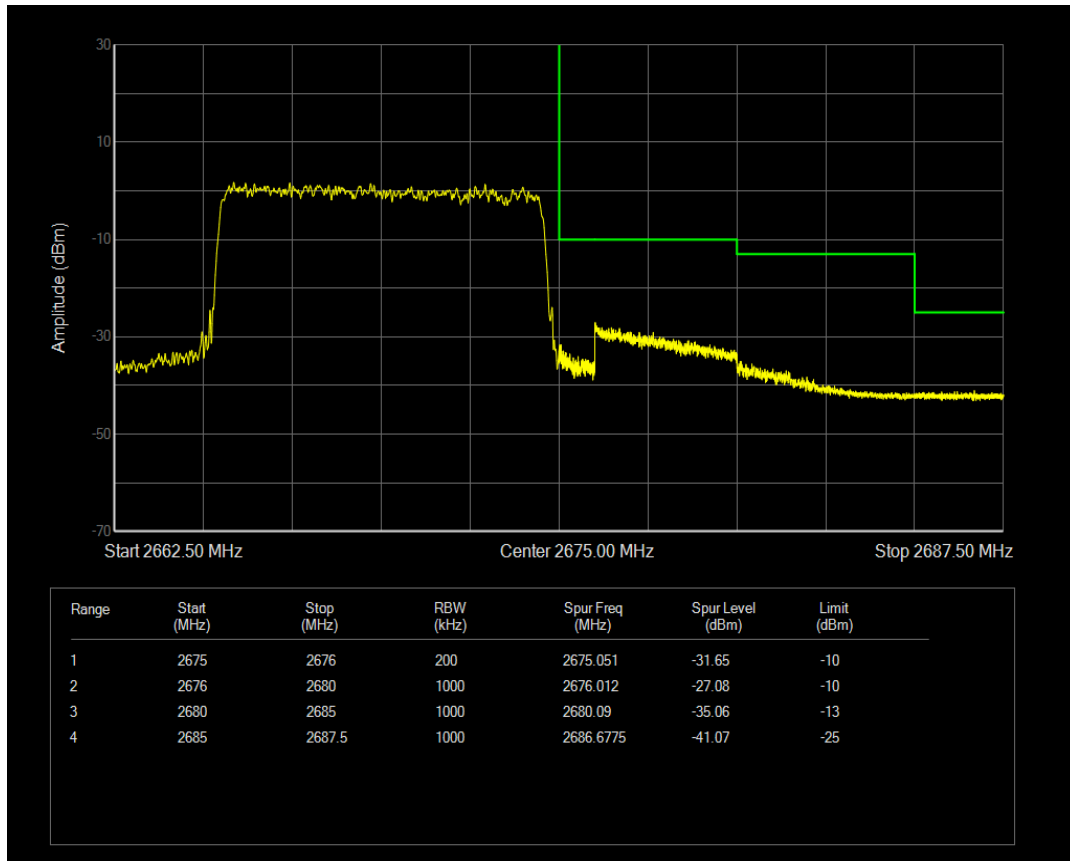


Band41(2535-2675) 16QAM BW=10MHz Channel=40090 RB Size=50 Position=#0

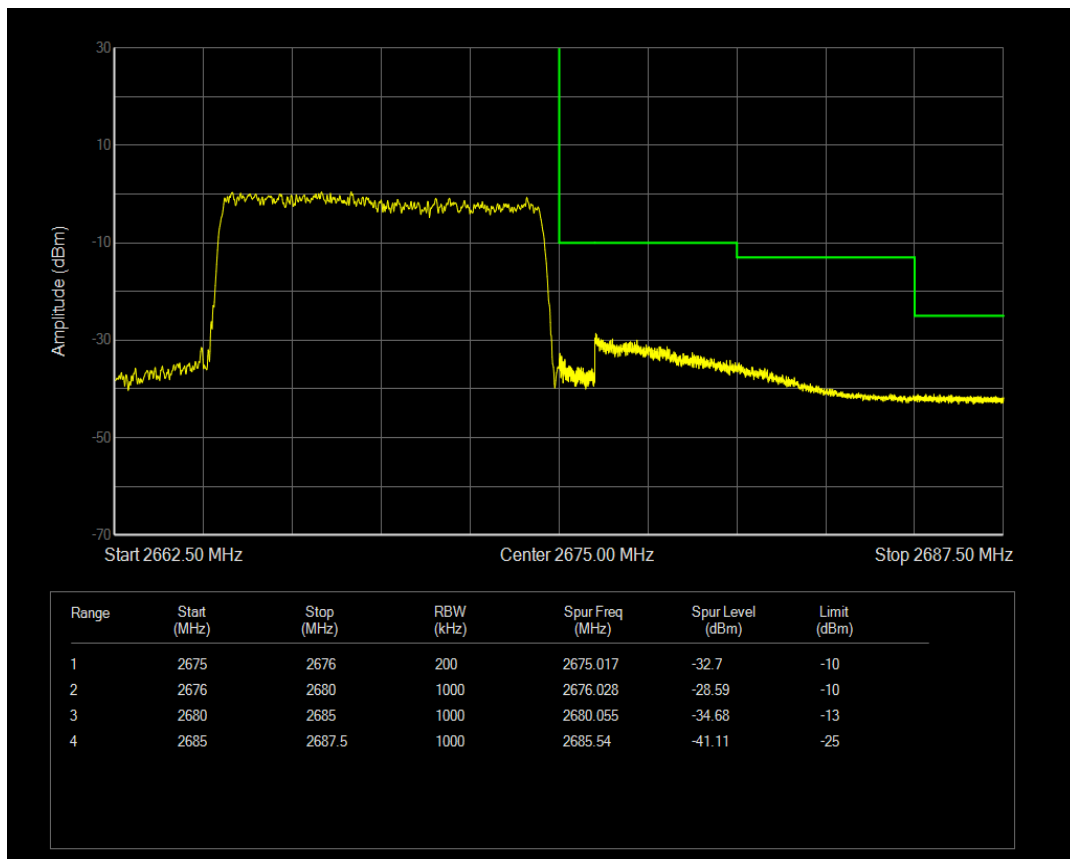




Band41(2535-2675) QPSK BW=10MHz Channel=41390 RB Size=50 Position=#0

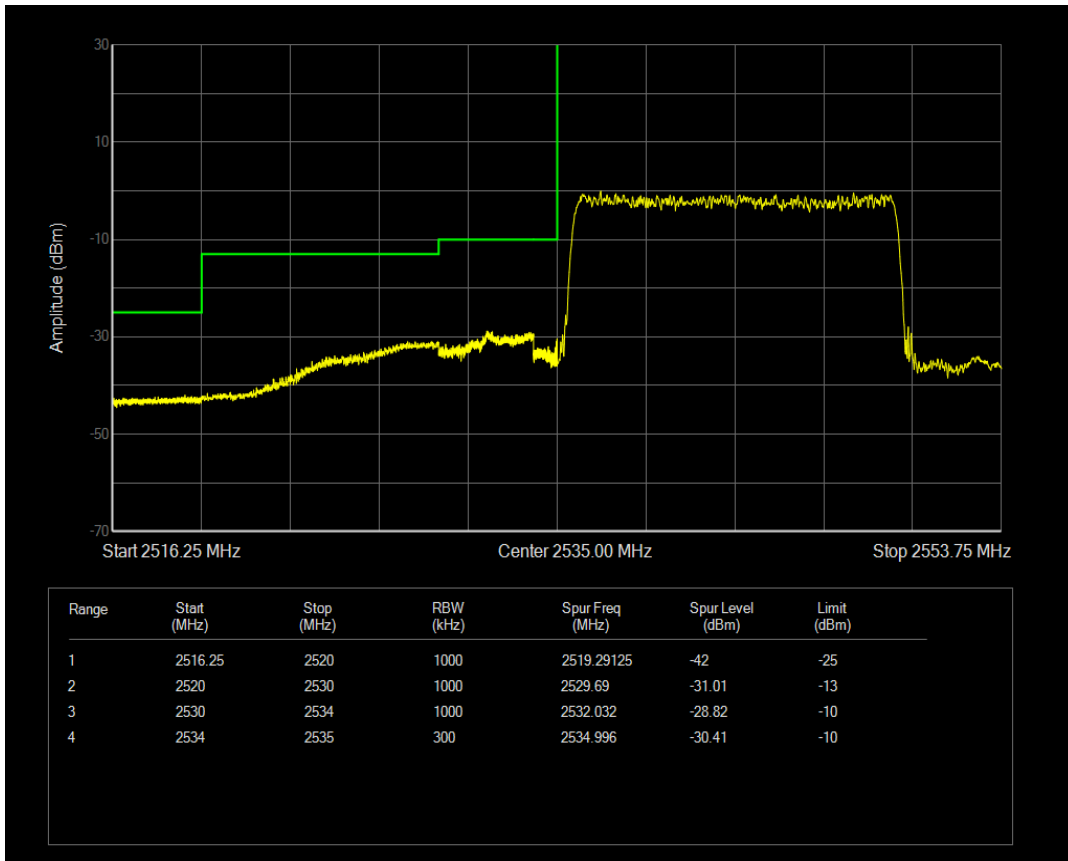


Band41(2535-2675) 16QAM BW=10MHz Channel=41390 RB Size=50 Position=#0

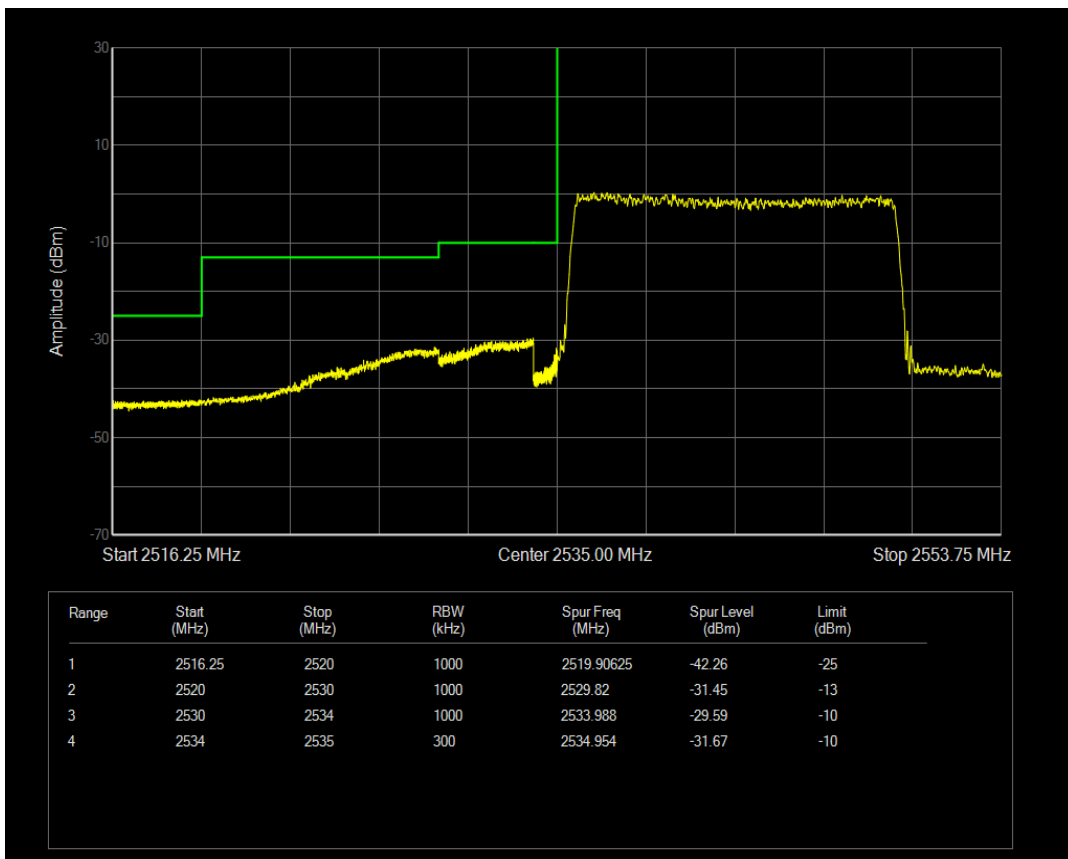




Band41(2535-2675) QPSK BW=15MHz Channel=40115 RB Size=75 Position=#0

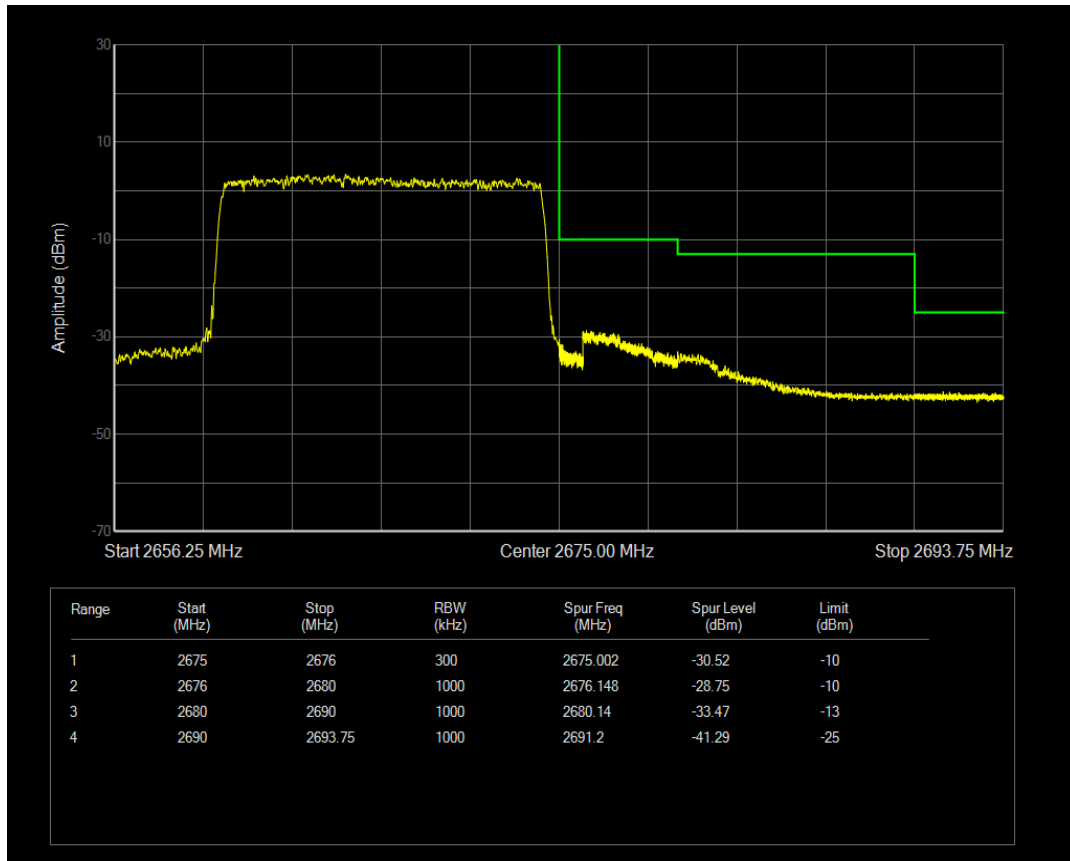


Band41(2535-2675) 16QAM BW=15MHz Channel=40115 RB Size=75 Position=#0

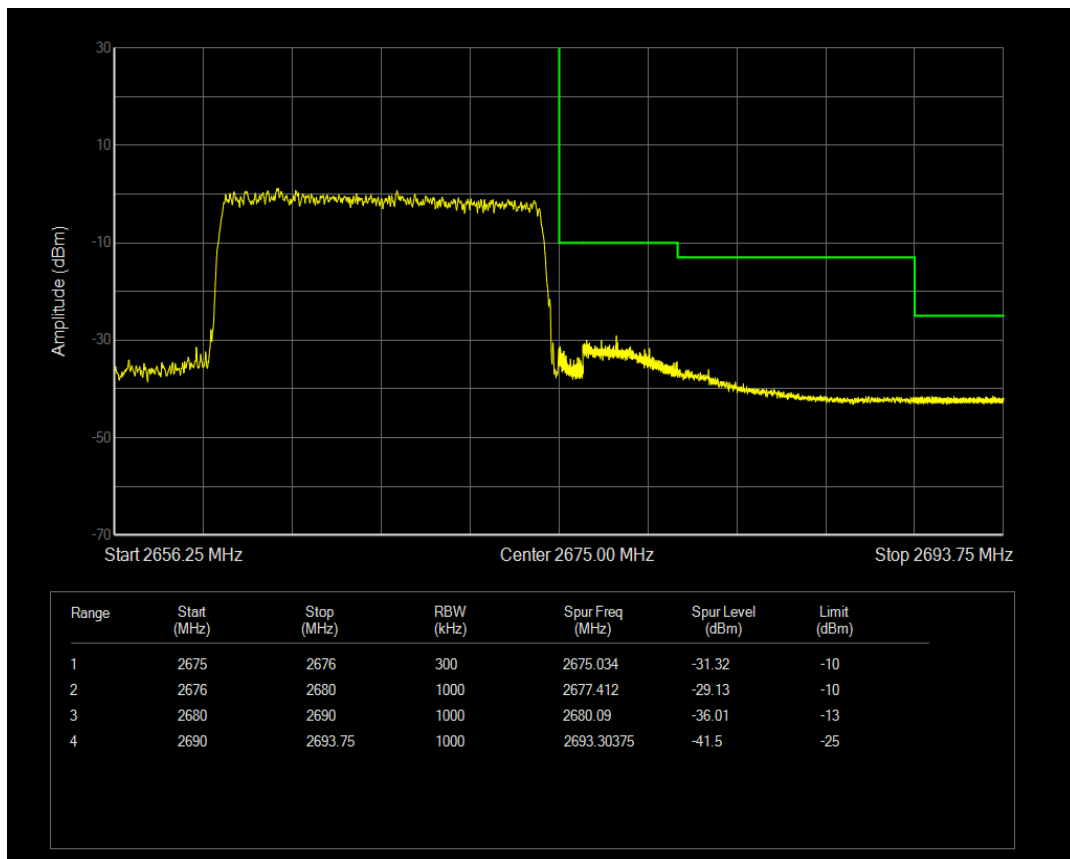




Band41(2535-2675) QPSK BW=15MHz Channel=41365 RB Size=75 Position=#0

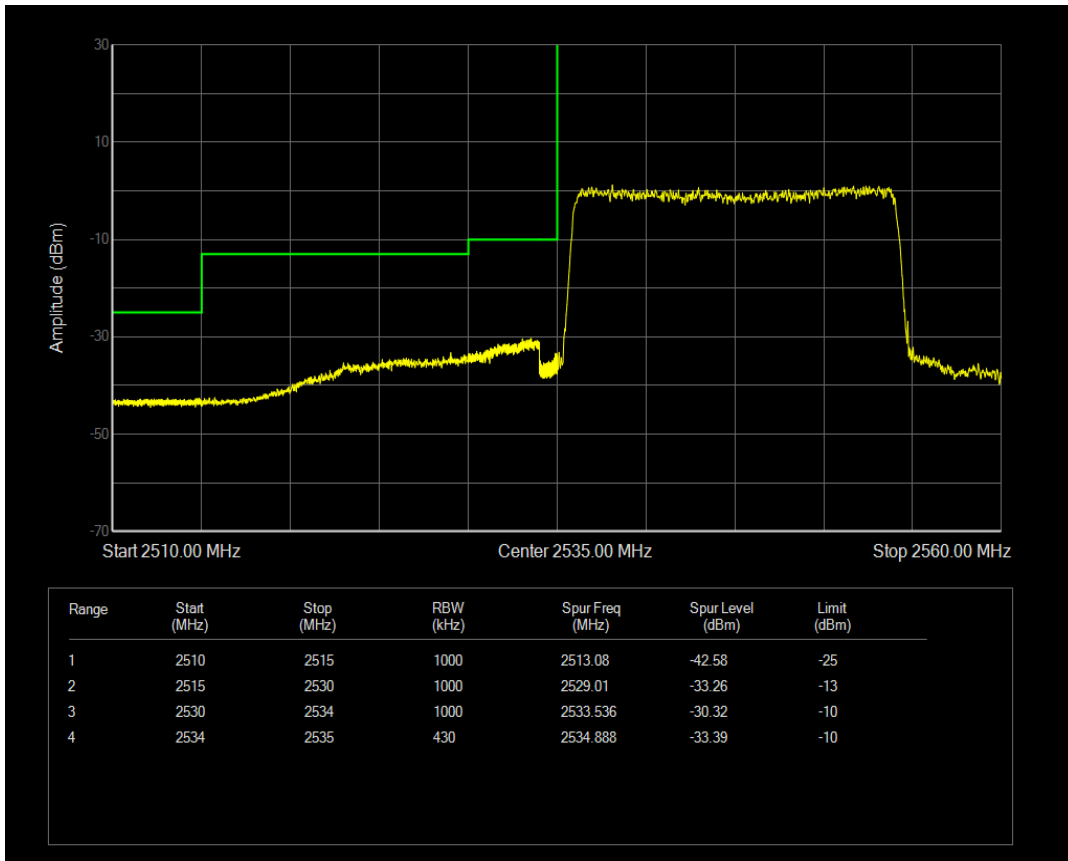


Band41(2535-2675) 16QAM BW=15MHz Channel=41365 RB Size=75 Position=#0

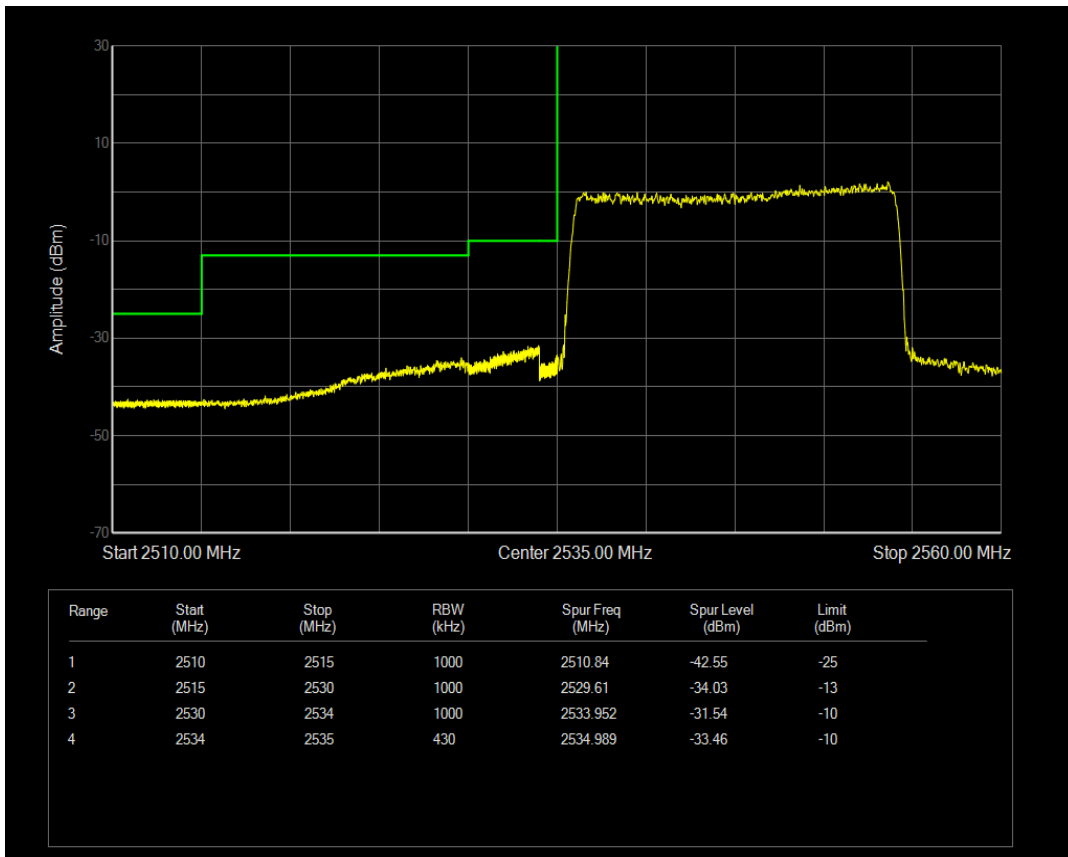




Band41(2535-2675) QPSK BW=20MHz Channel=40140 RB Size=100 Position=#0

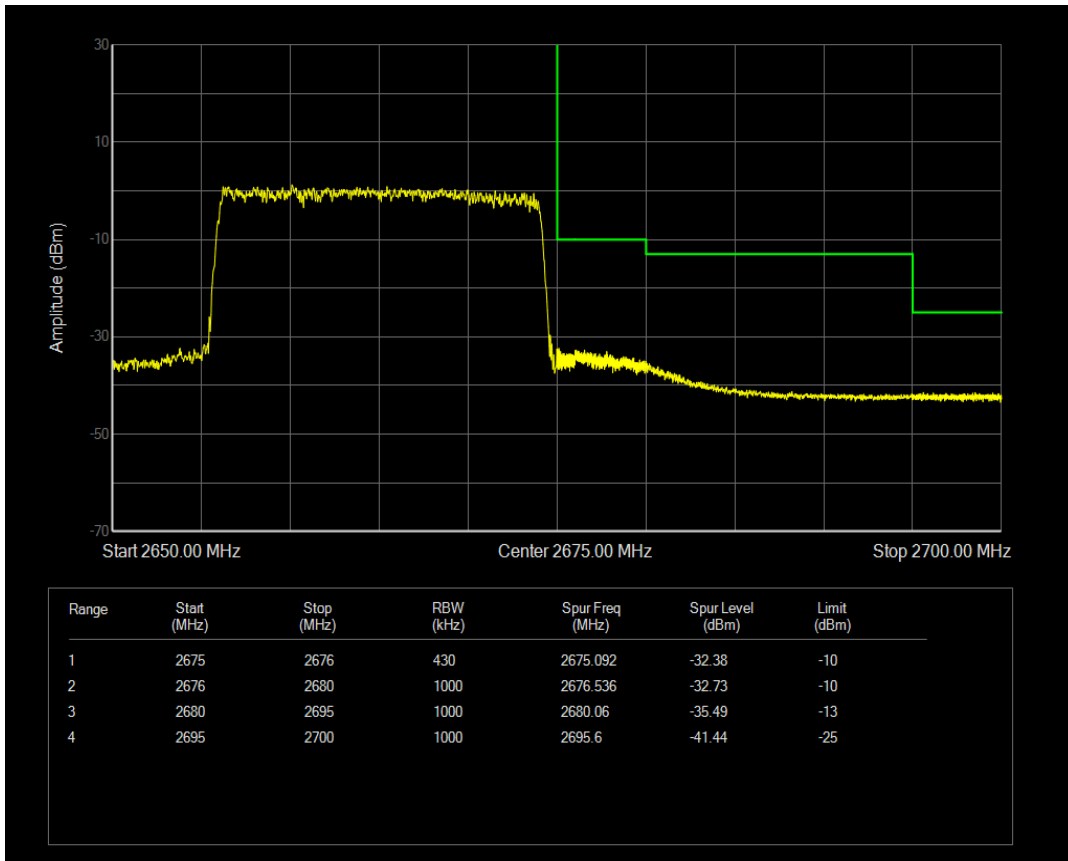


Band41(2535-2675) 16QAM BW=20MHz Channel=40140 RB Size=100 Position=#0

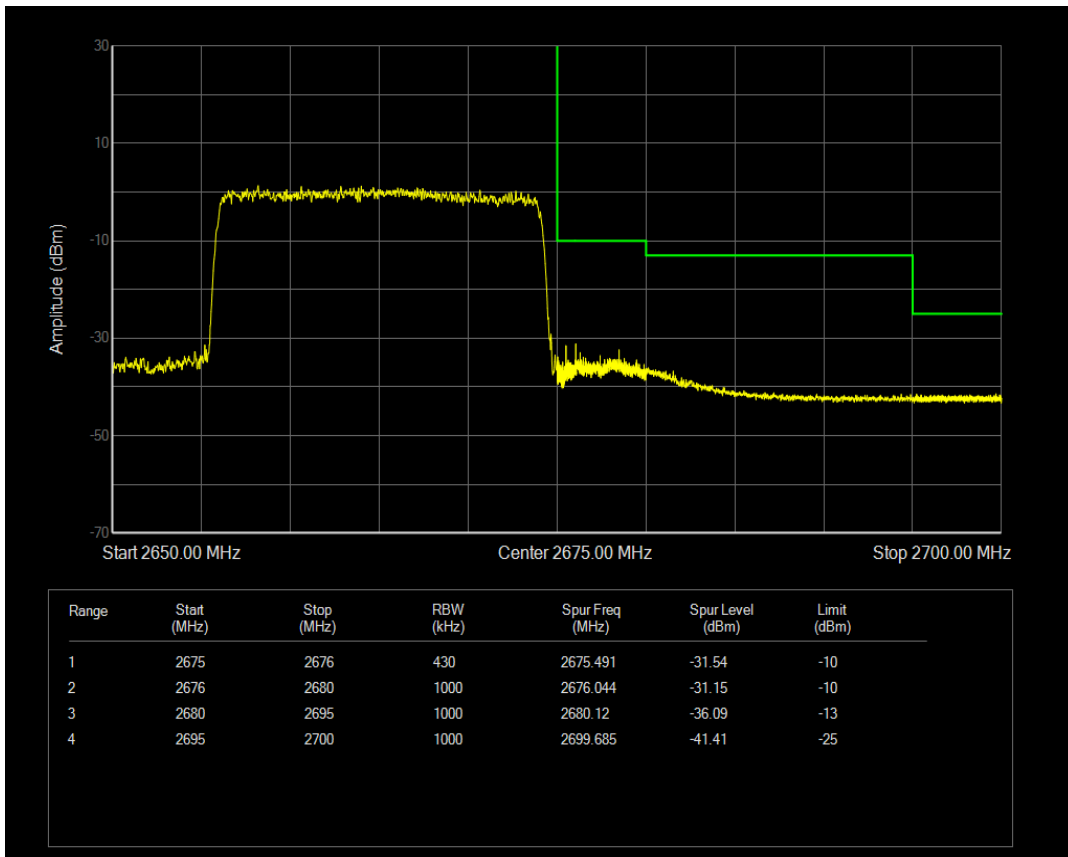




Band41(2535-2675) QPSK BW=20MHz Channel=41340 RB Size=100 Position=#0



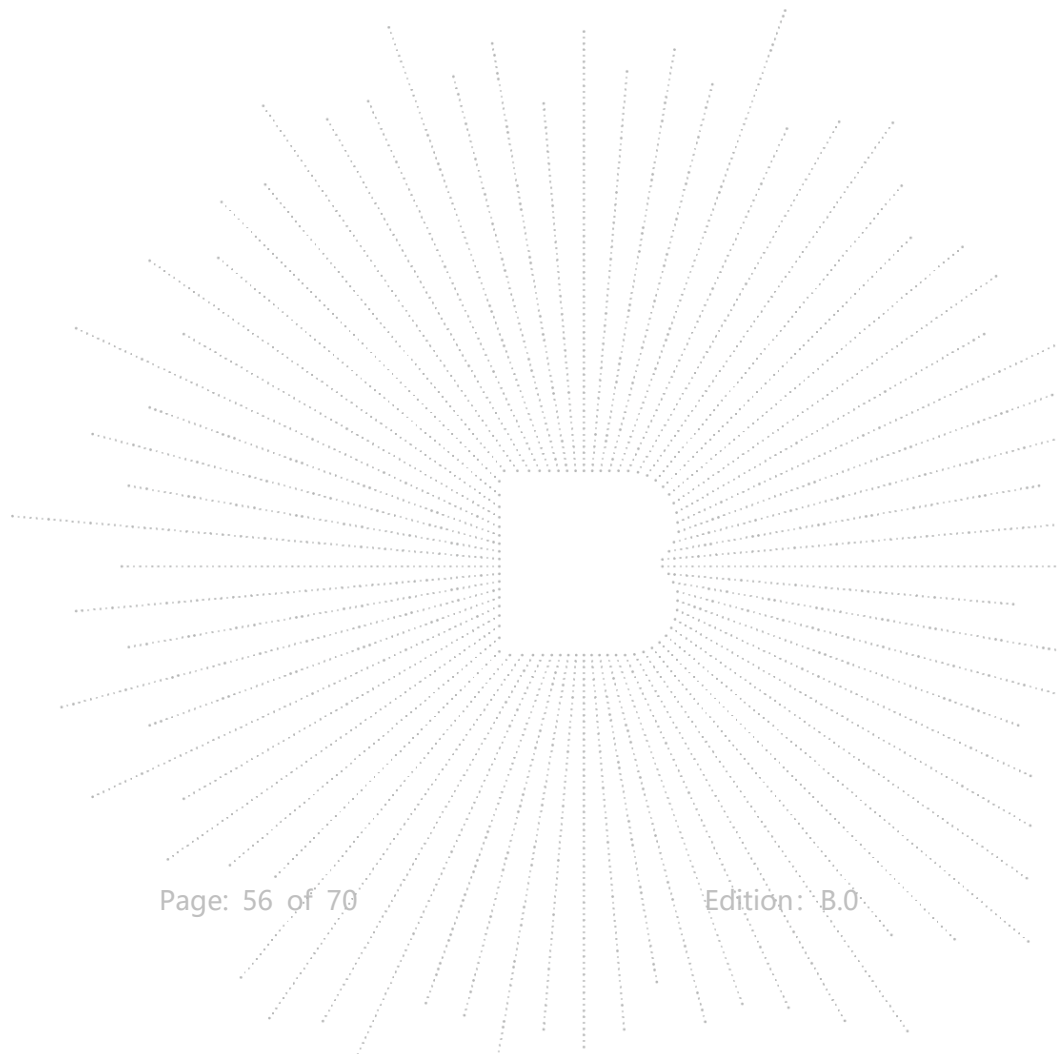
Band41(2535-2675) 16QAM BW=20MHz Channel=41340 RB Size=100 Position=#0



Appendix 6. Out-of-band emissions

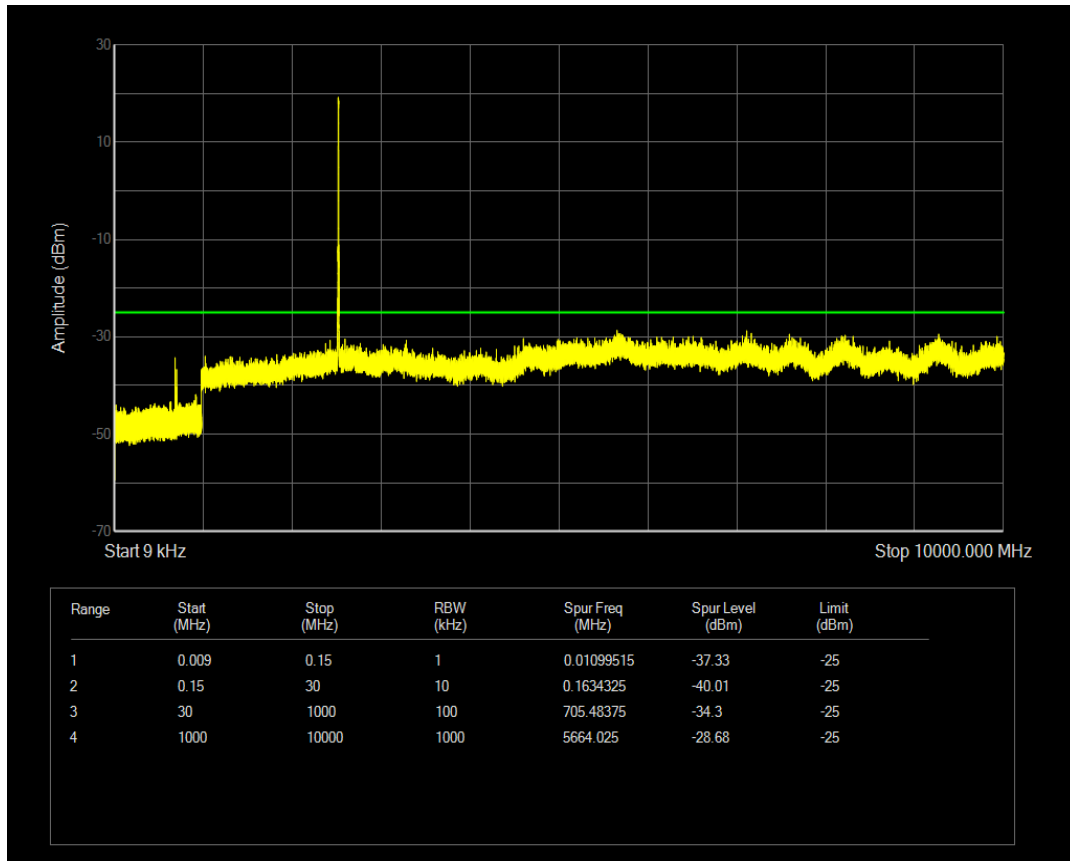
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band41(2535-2675)	5	40065	25	#0	QPSK	5664.03	-28.68	-25	PASS
Band41(2535-2675)	5	40065	25	#0	16QAM	8174.80	-28.90	-25	PASS
Band41(2535-2675)	5	40740	25	#0	QPSK	5676.63	-28.13	-25	PASS
Band41(2535-2675)	5	40740	25	#0	16QAM	9945.33	-28.76	-25	PASS
Band41(2535-2675)	5	41415	25	#0	QPSK	5745.48	-28.69	-25	PASS
Band41(2535-2675)	5	41415	25	#0	16QAM	5631.40	-28.53	-25	PASS
Band41(2535-2675)	10	40090	50	#0	QPSK	7581.25	-29.25	-25	PASS
Band41(2535-2675)	10	40090	50	#0	16QAM	6653.80	-28.99	-25	PASS
Band41(2535-2675)	10	40740	50	#0	QPSK	9286.98	-27.52	-25	PASS
Band41(2535-2675)	10	40740	50	#0	16QAM	6028.98	-28.13	-25	PASS
Band41(2535-2675)	10	41390	50	#0	QPSK	5855.28	-28.69	-25	PASS
Band41(2535-2675)	10	41390	50	#0	16QAM	5424.40	-28.87	-25	PASS
Band41(2535-2675)	15	40115	75	#0	QPSK	8250.85	-27.96	-25	PASS
Band41(2535-2675)	15	40115	75	#0	16QAM	5706.33	-28.10	-25	PASS
Band41(2535-2675)	15	40740	75	#0	QPSK	5641.75	-28.54	-25	PASS
Band41(2535-2675)	15	40740	75	#0	16QAM	8269.98	-28.83	-25	PASS
Band41(2535-2675)	15	41365	75	#0	QPSK	6095.13	-28.94	-25	PASS
Band41(2535-2675)	15	41365	75	#0	16QAM	5673.25	-28.18	-25	PASS
Band41(2535-2675)	20	40140	100	#0	QPSK	5723.20	-28.19	-25	PASS
Band41(2535-2675)	20	40140	100	#0	16QAM	5643.10	-28.32	-25	PASS

2675)									
Band41(2535-2675)	20	40740	100	#0	QPSK	5661.10	-28.24	-25	PASS
Band41(2535-2675)	20	40740	100	#0	16QAM	5220.78	-28.61	-25	PASS
Band41(2535-2675)	20	41340	100	#0	QPSK	5523.40	-28.58	-25	PASS
Band41(2535-2675)	20	41340	100	#0	16QAM	9256.83	-28.61	-25	PASS

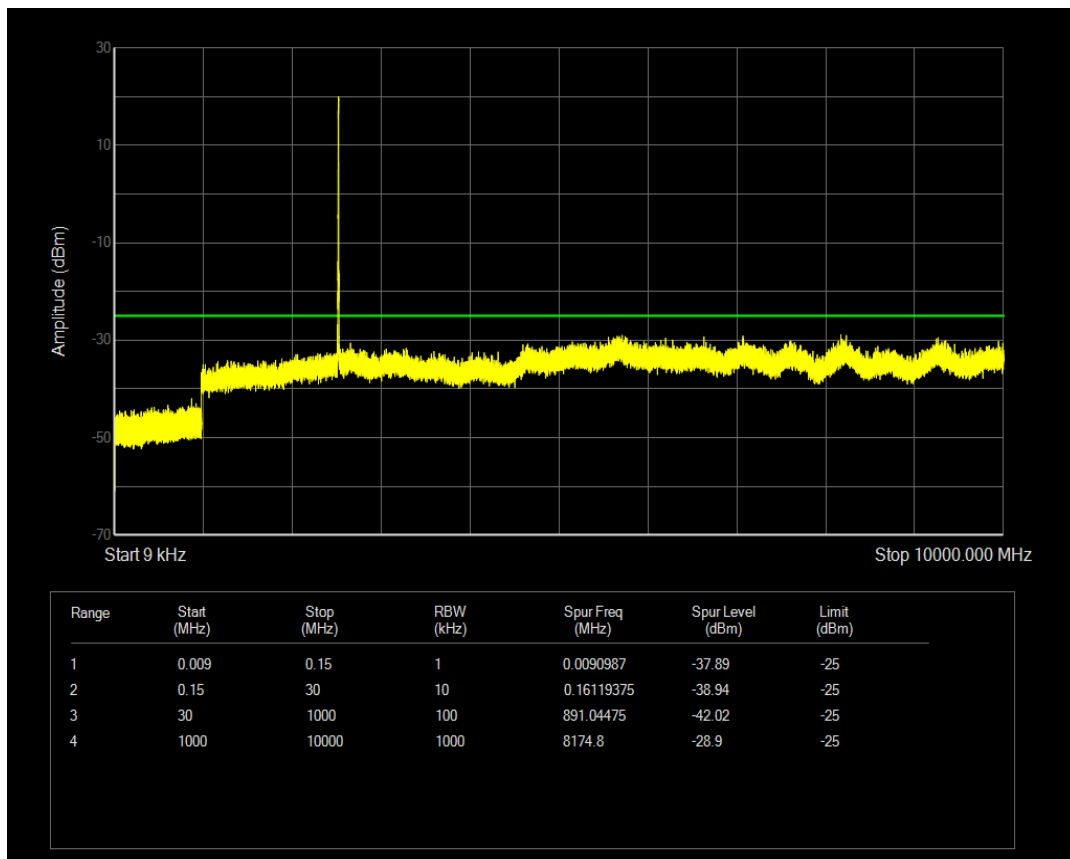




Band41(2535-2675) QPSK BW=5MHz Channel=40065 RB Size=25 Position=#0

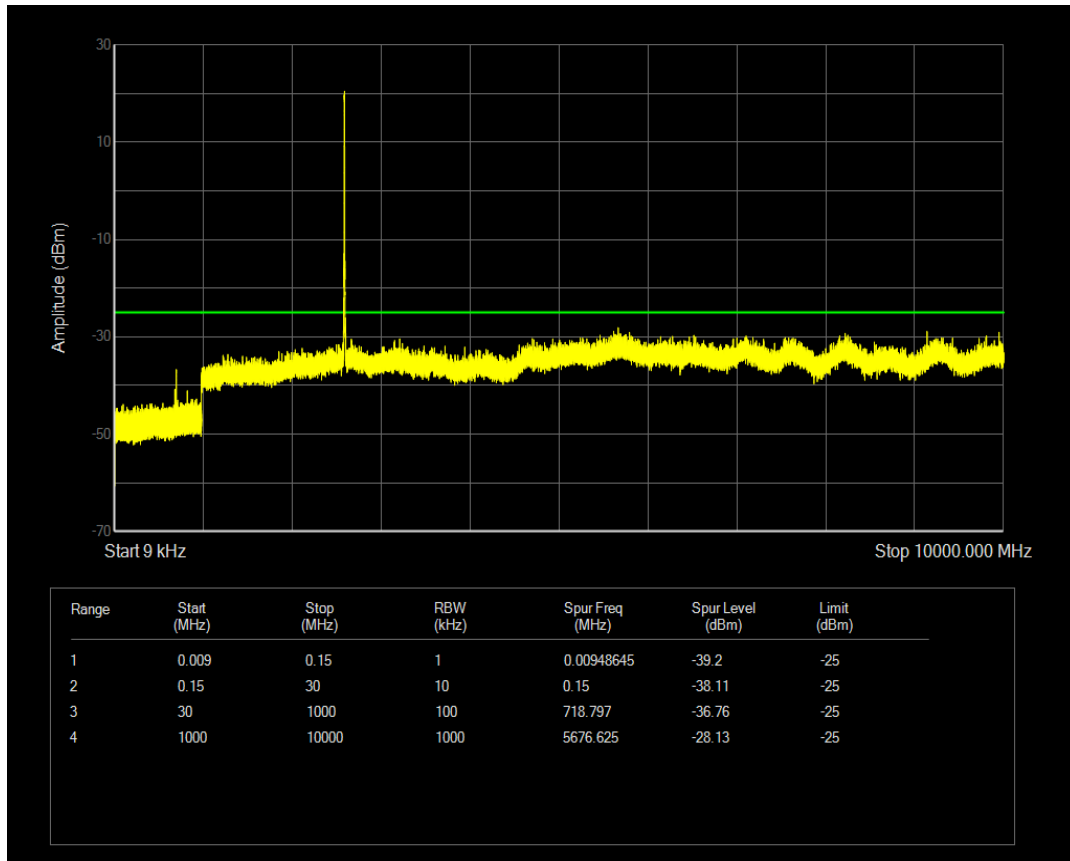


Band41(2535-2675) 16QAM BW=5MHz Channel=40065 RB Size=25 Position=#0

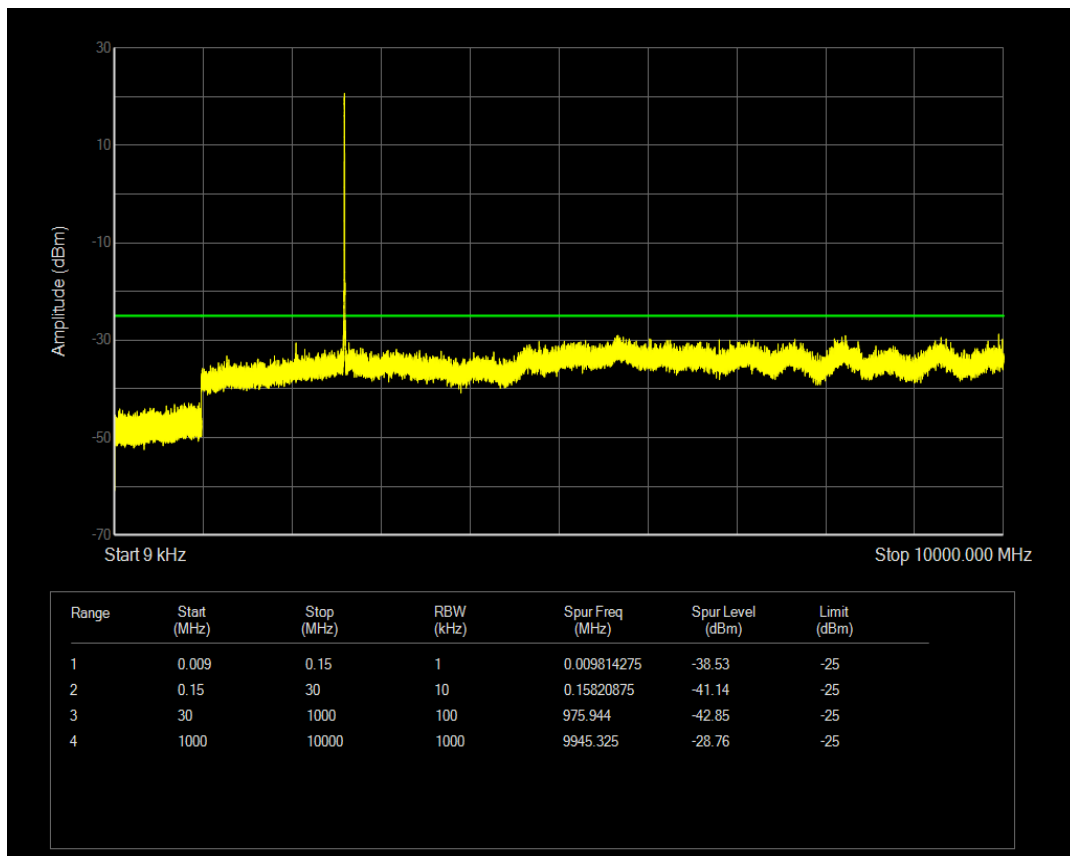




Band41(2535-2675) QPSK BW=5MHz Channel=40740 RB Size=25 Position=#0

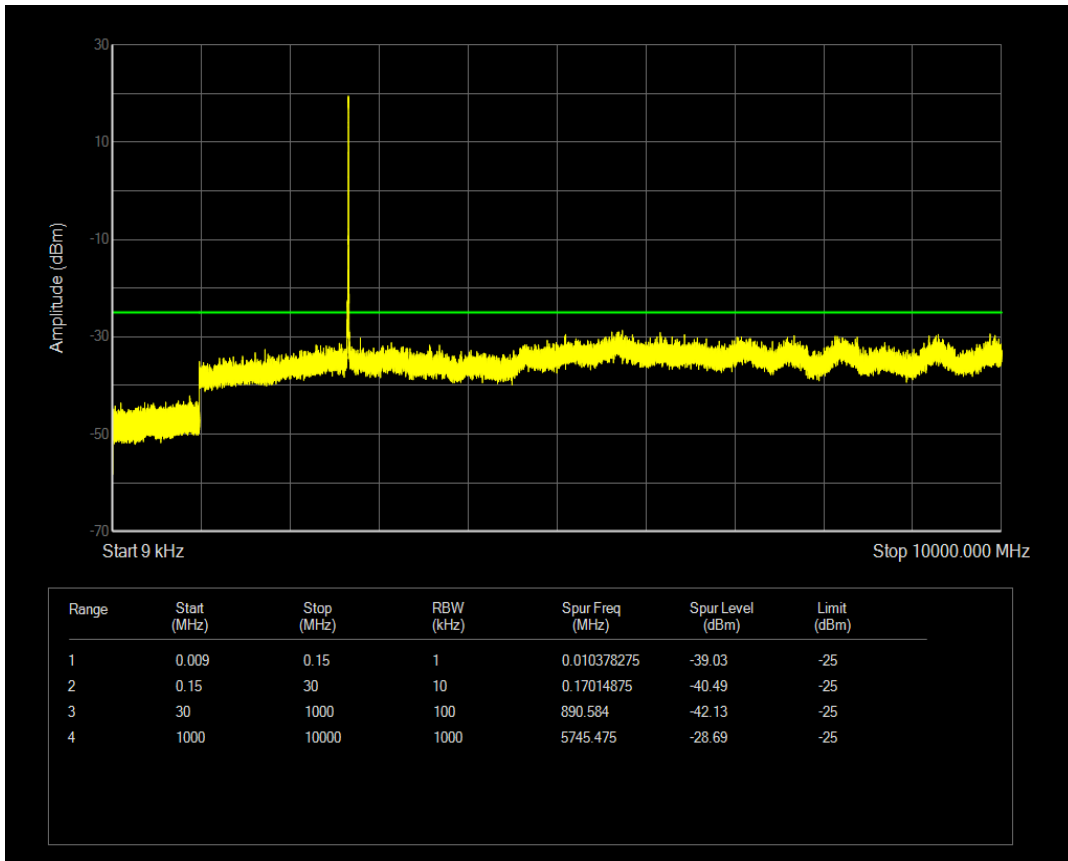


Band41(2535-2675) 16QAM BW=5MHz Channel=40740 RB Size=25 Position=#0

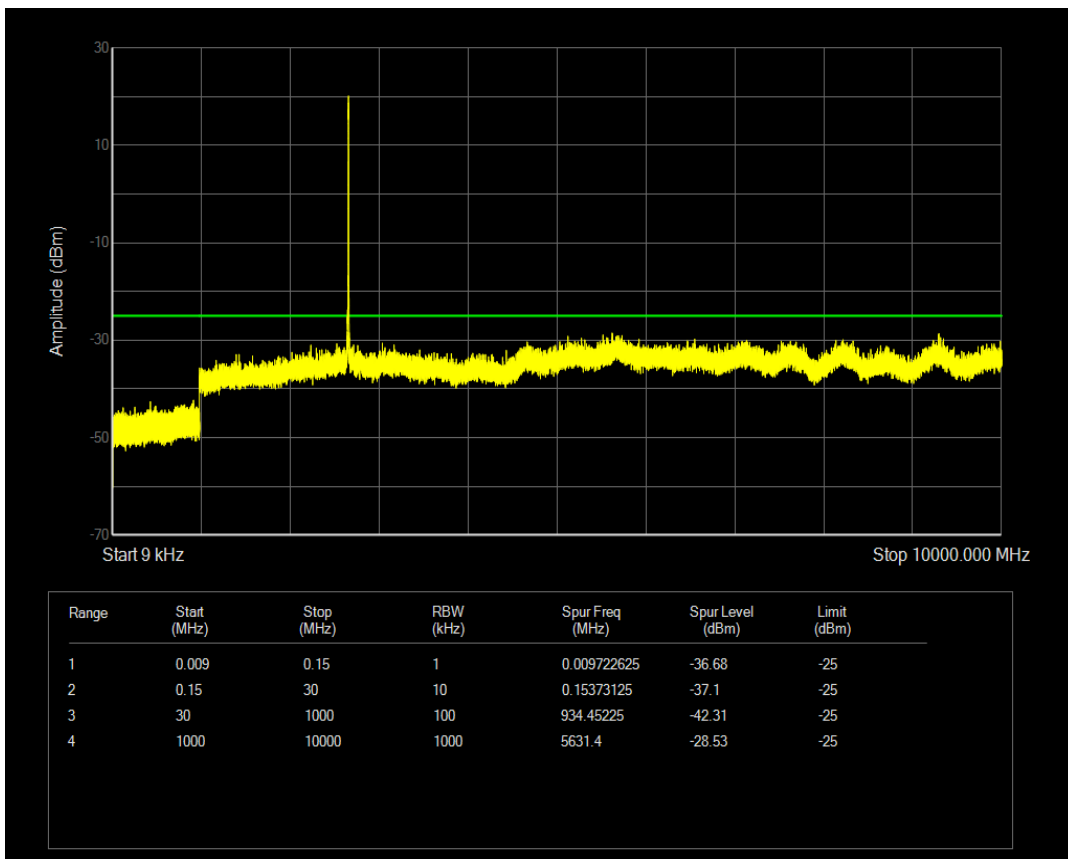




Band41(2535-2675) QPSK BW=5MHz Channel=41415 RB Size=25 Position=#0

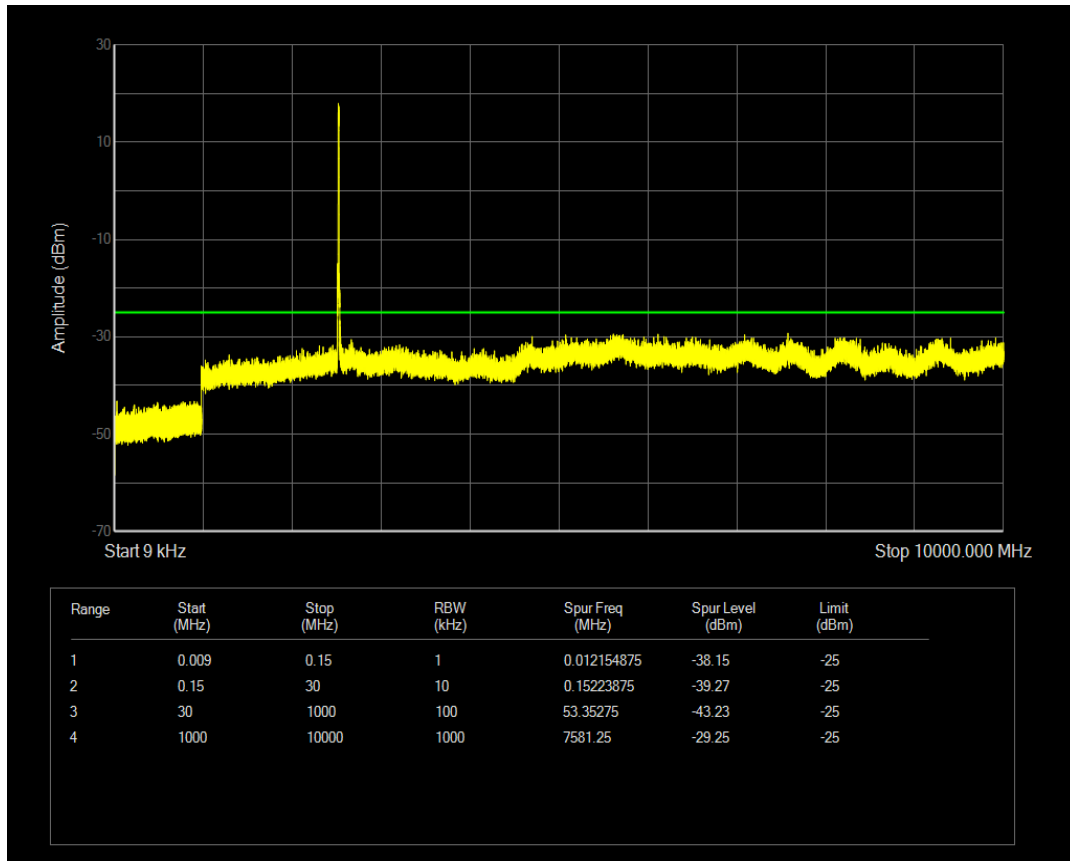


Band41(2535-2675) 16QAM BW=5MHz Channel=41415 RB Size=25 Position=#0

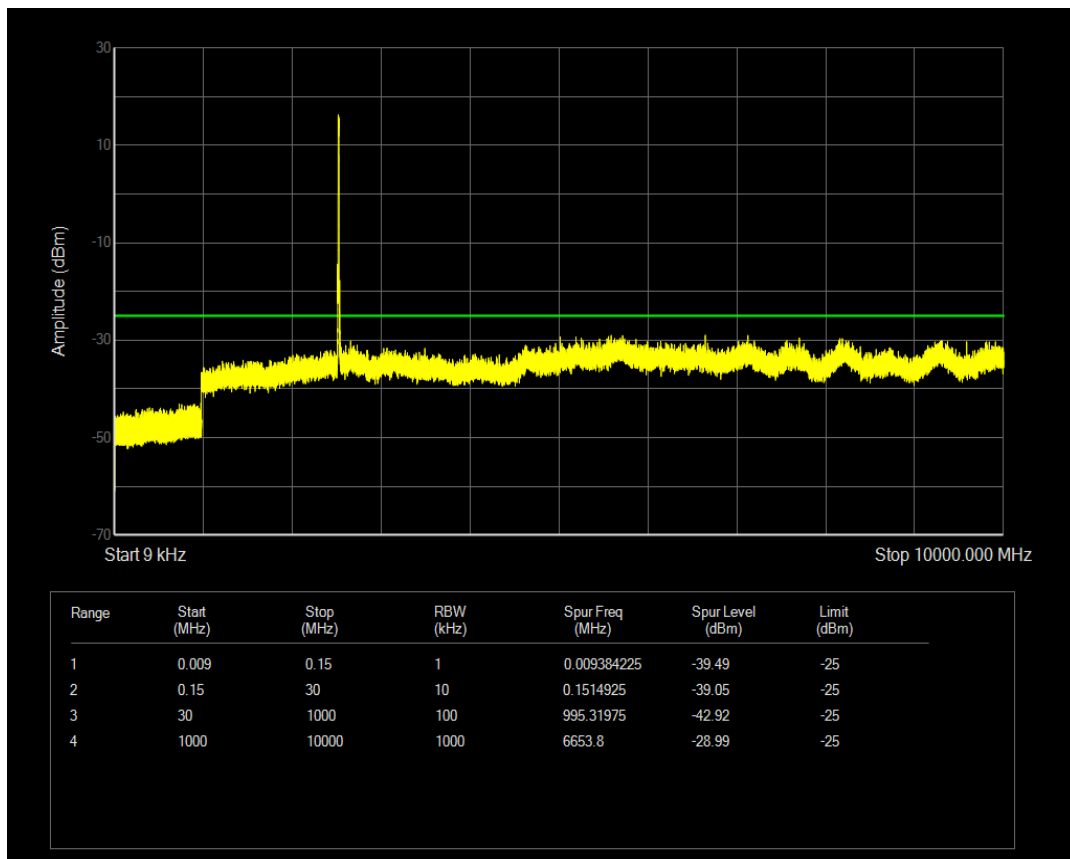




Band41(2535-2675) QPSK BW=10MHz Channel=40090 RB Size=50 Position=#0

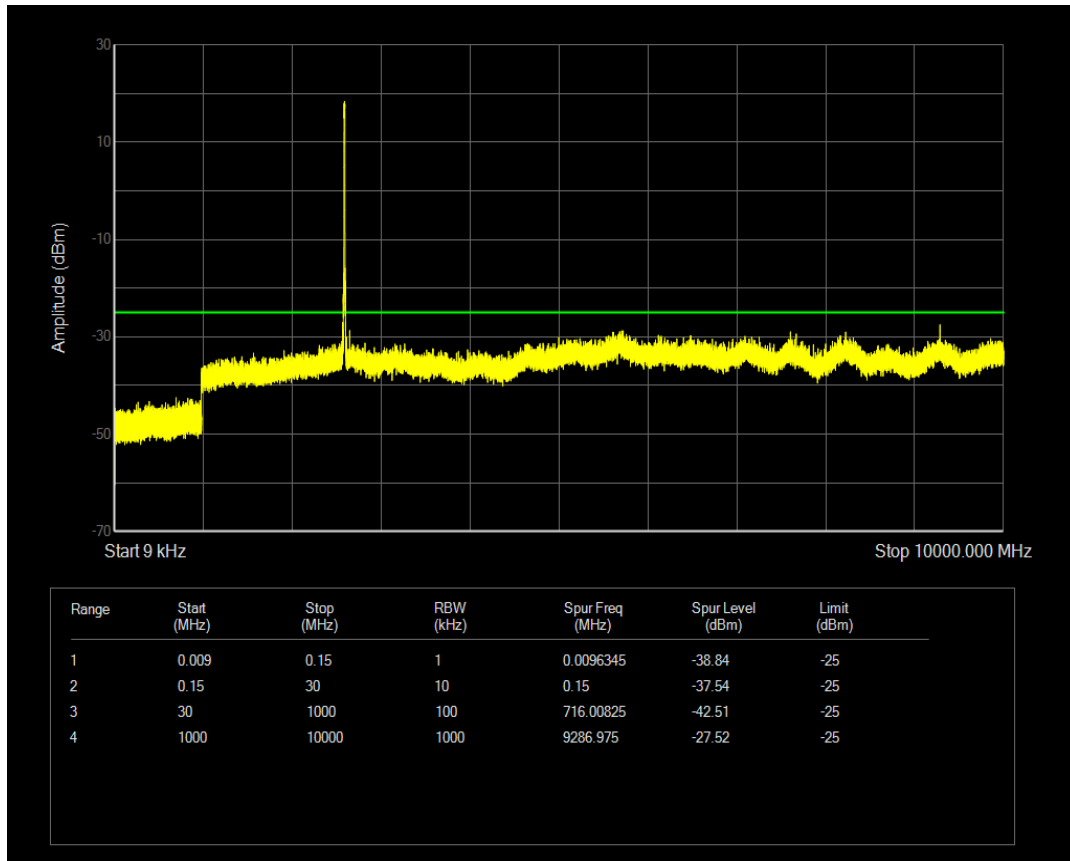


Band41(2535-2675) 16QAM BW=10MHz Channel=40090 RB Size=50 Position=#0

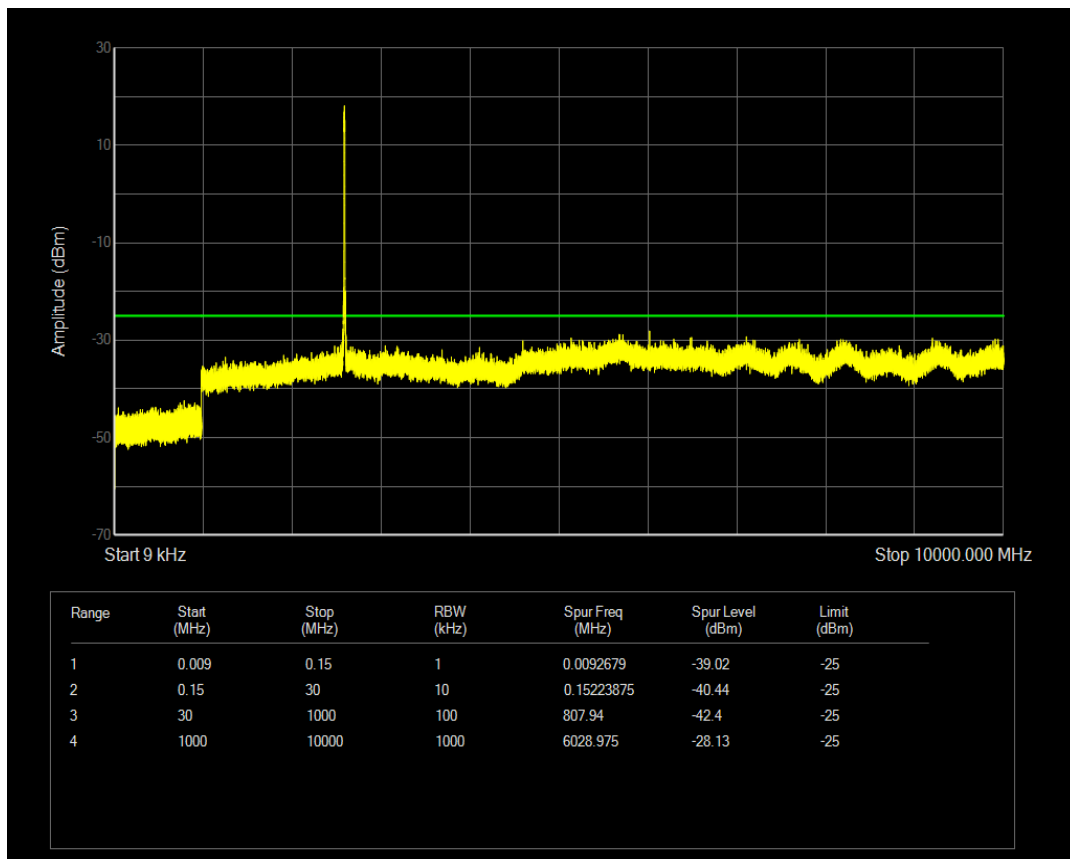




Band41(2535-2675) QPSK BW=10MHz Channel=40740 RB Size=50 Position=#0

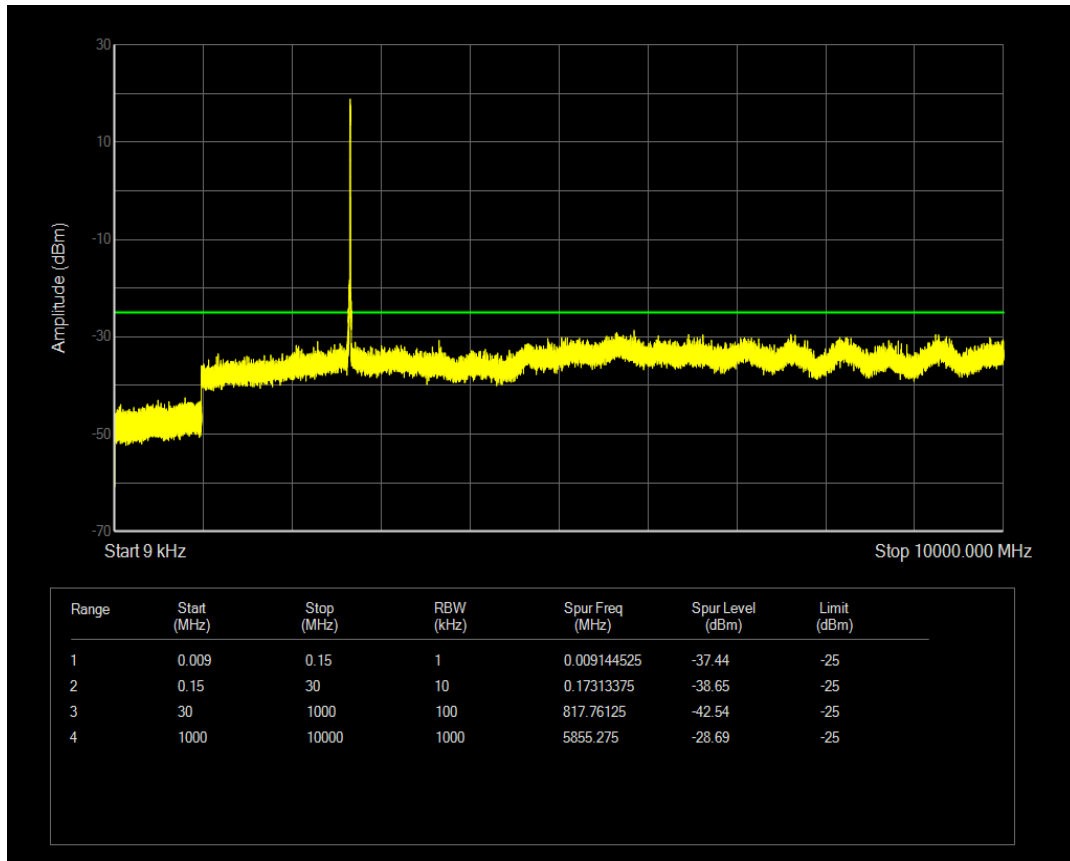


Band41(2535-2675) 16QAM BW=10MHz Channel=40740 RB Size=50 Position=#0

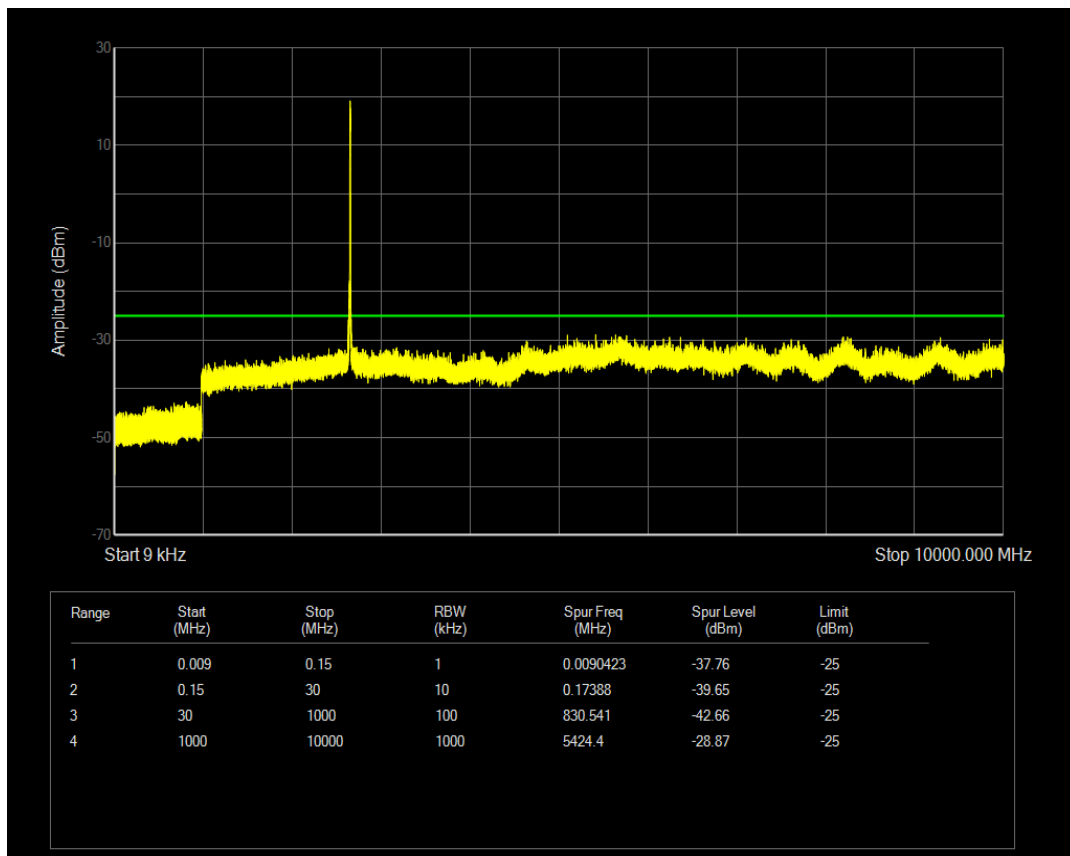




Band41(2535-2675) QPSK BW=10MHz Channel=41390 RB Size=50 Position=#0

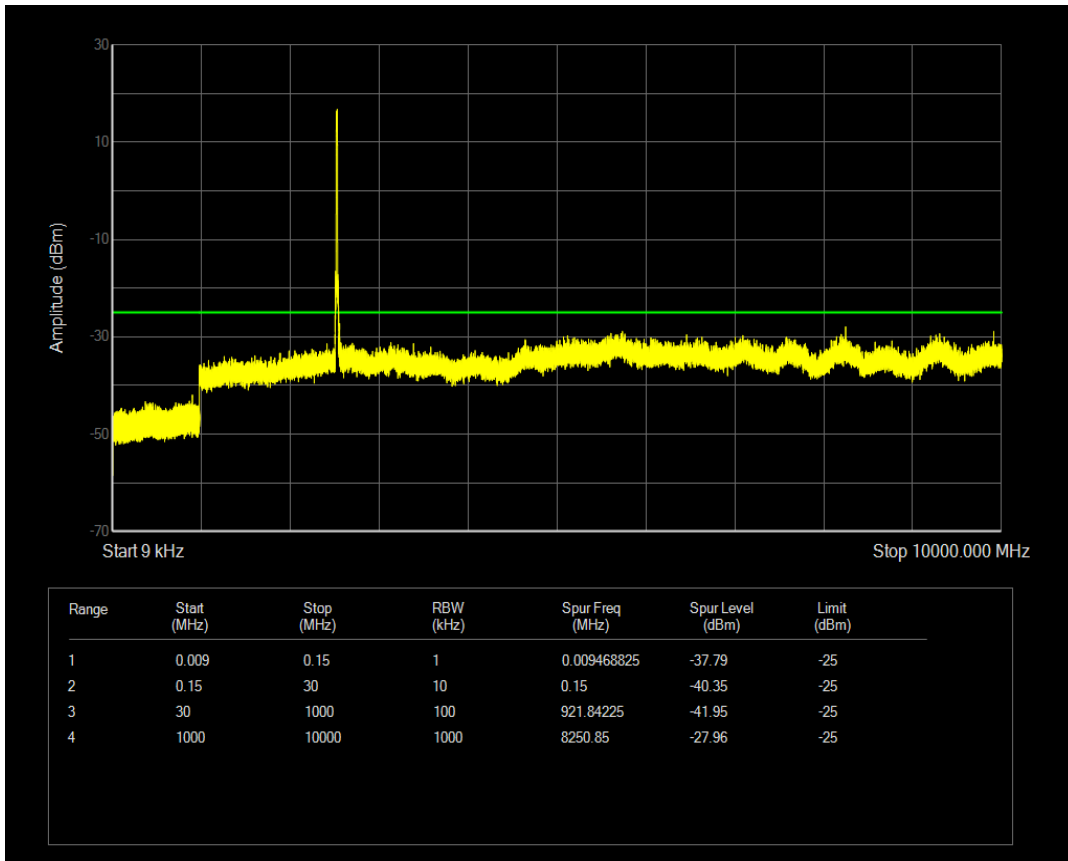


Band41(2535-2675) 16QAM BW=10MHz Channel=41390 RB Size=50 Position=#0

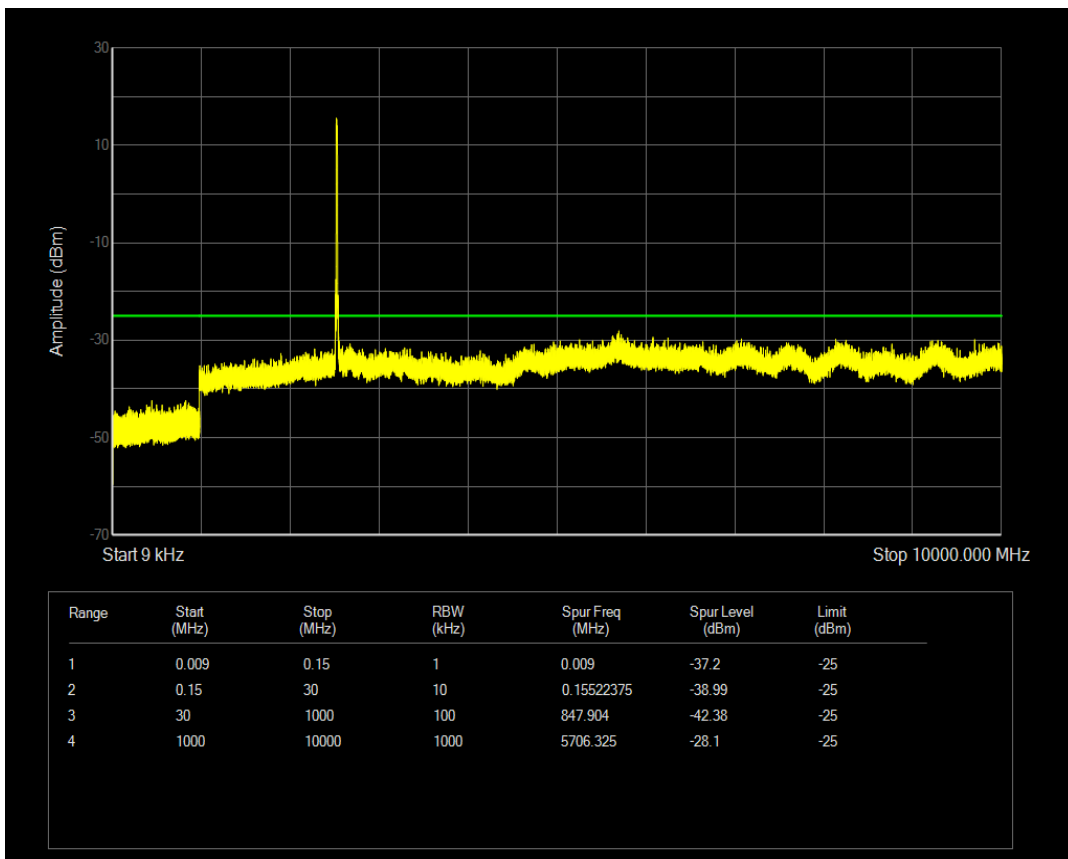




Band41(2535-2675) QPSK BW=15MHz Channel=40115 RB Size=75 Position=#0

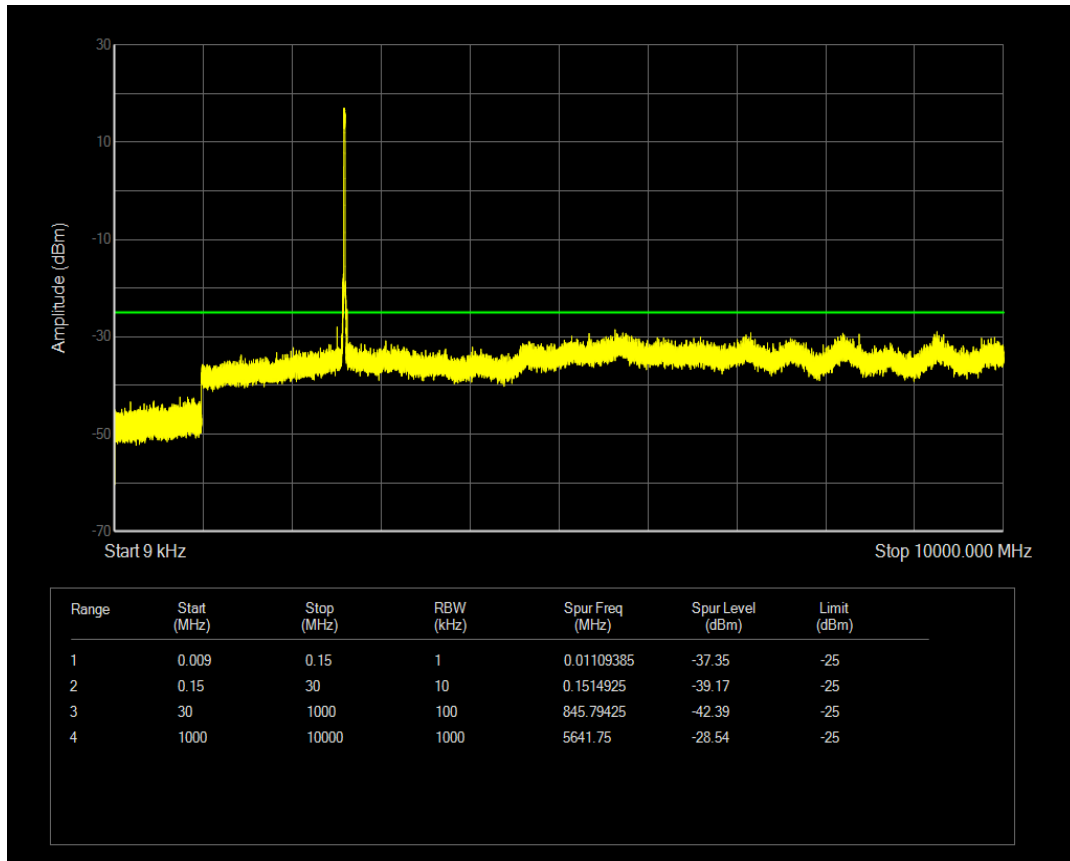


Band41(2535-2675) 16QAM BW=15MHz Channel=40115 RB Size=75 Position=#0

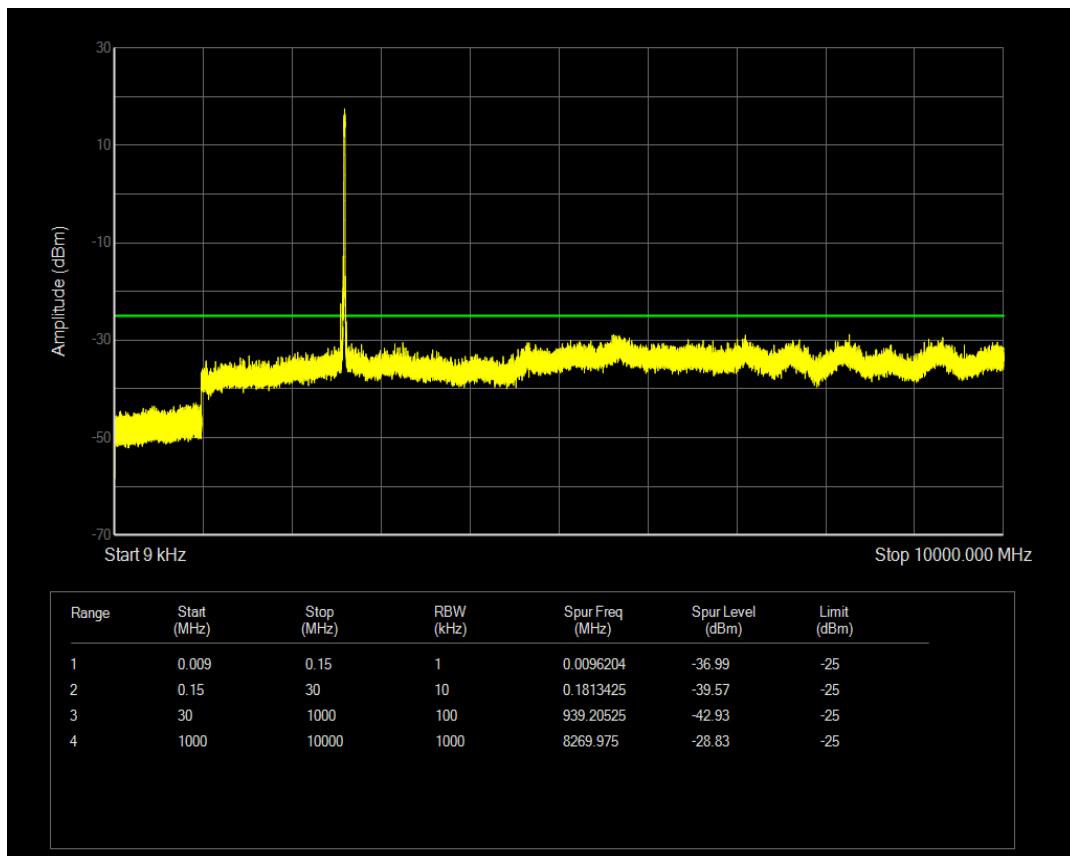




Band41(2535-2675) QPSK BW=15MHz Channel=40740 RB Size=75 Position=#0

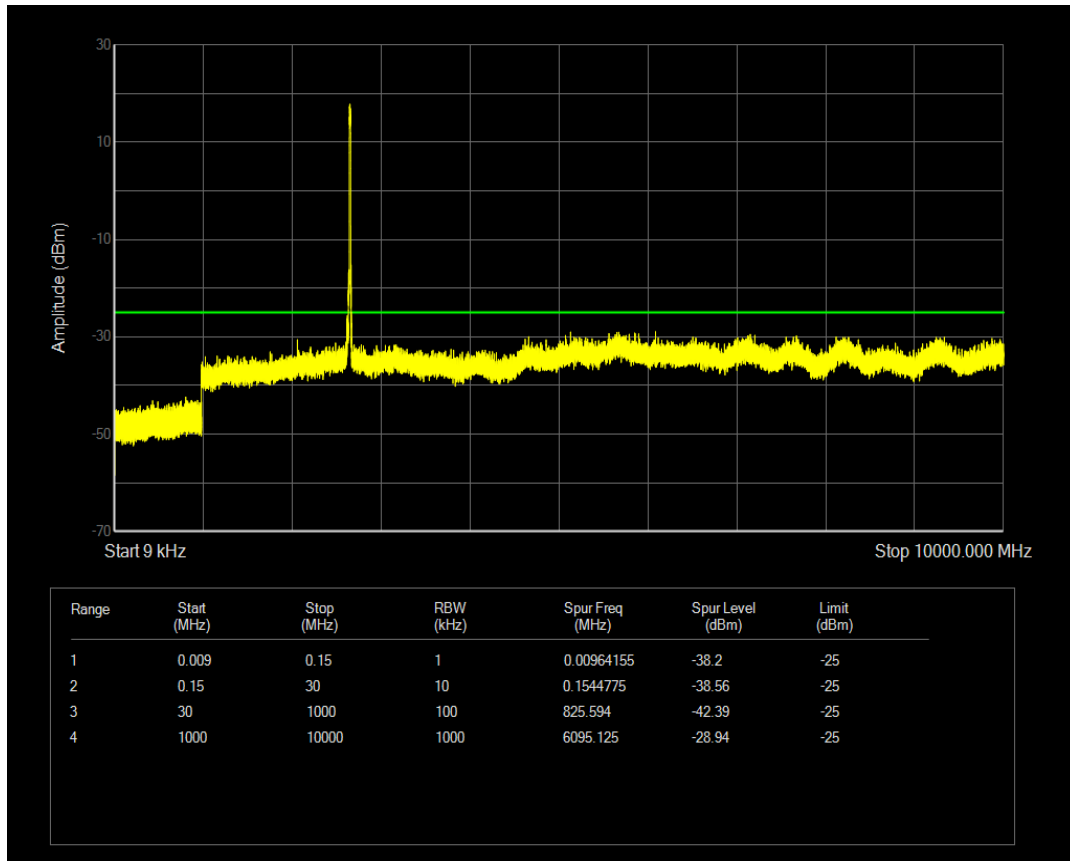


Band41(2535-2675) 16QAM BW=15MHz Channel=40740 RB Size=75 Position=#0

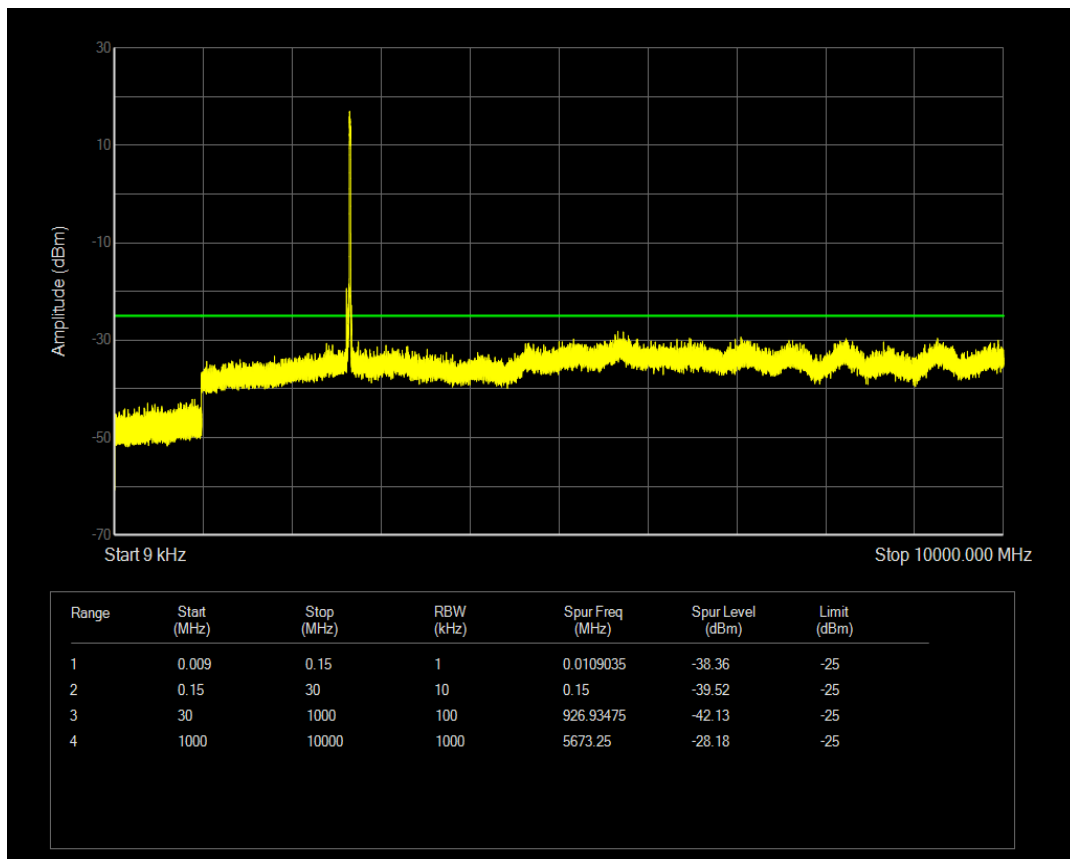




Band41(2535-2675) QPSK BW=15MHz Channel=41365 RB Size=75 Position=#0

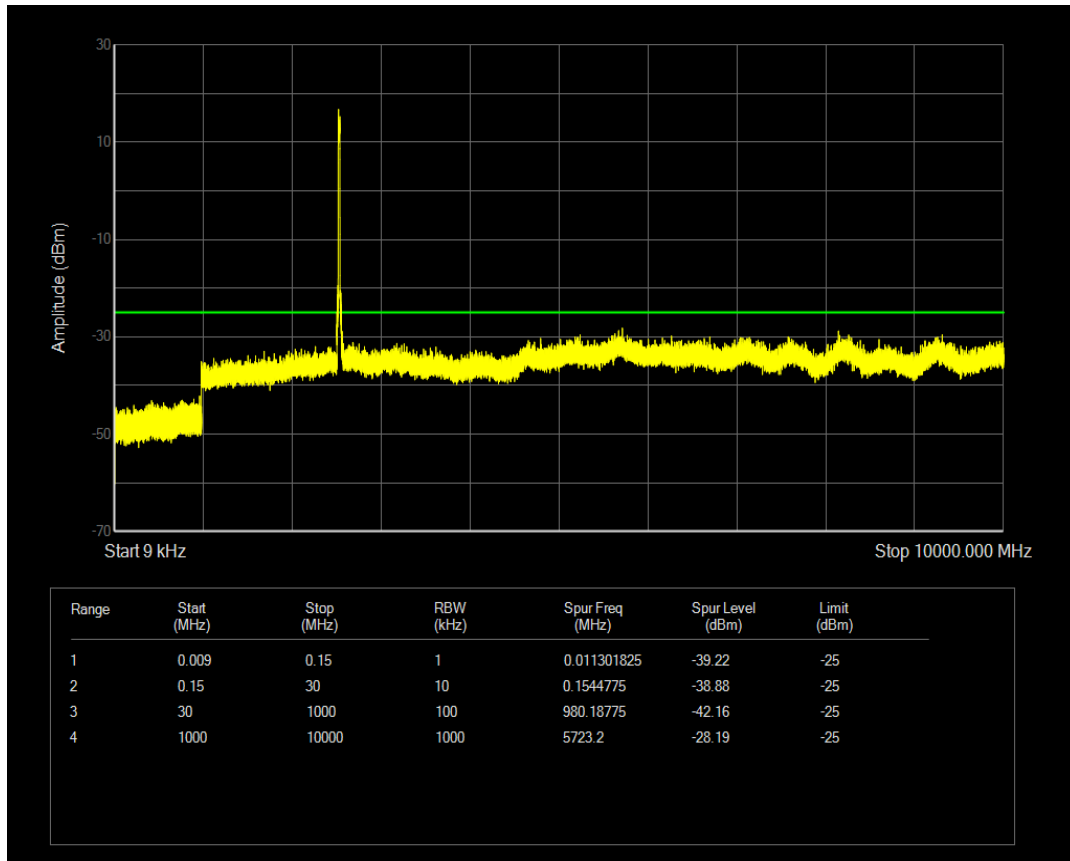


Band41(2535-2675) 16QAM BW=15MHz Channel=41365 RB Size=75 Position=#0

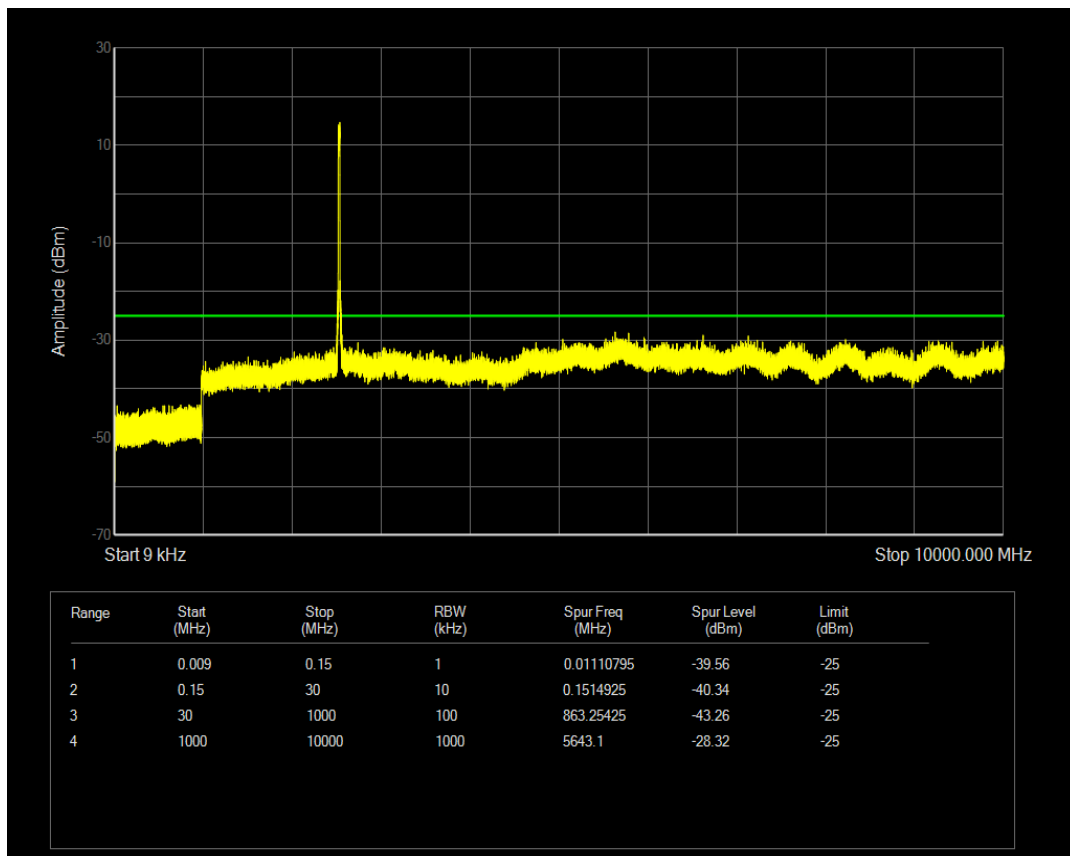




Band41(2535-2675) QPSK BW=20MHz Channel=40140 RB Size=100 Position=#0

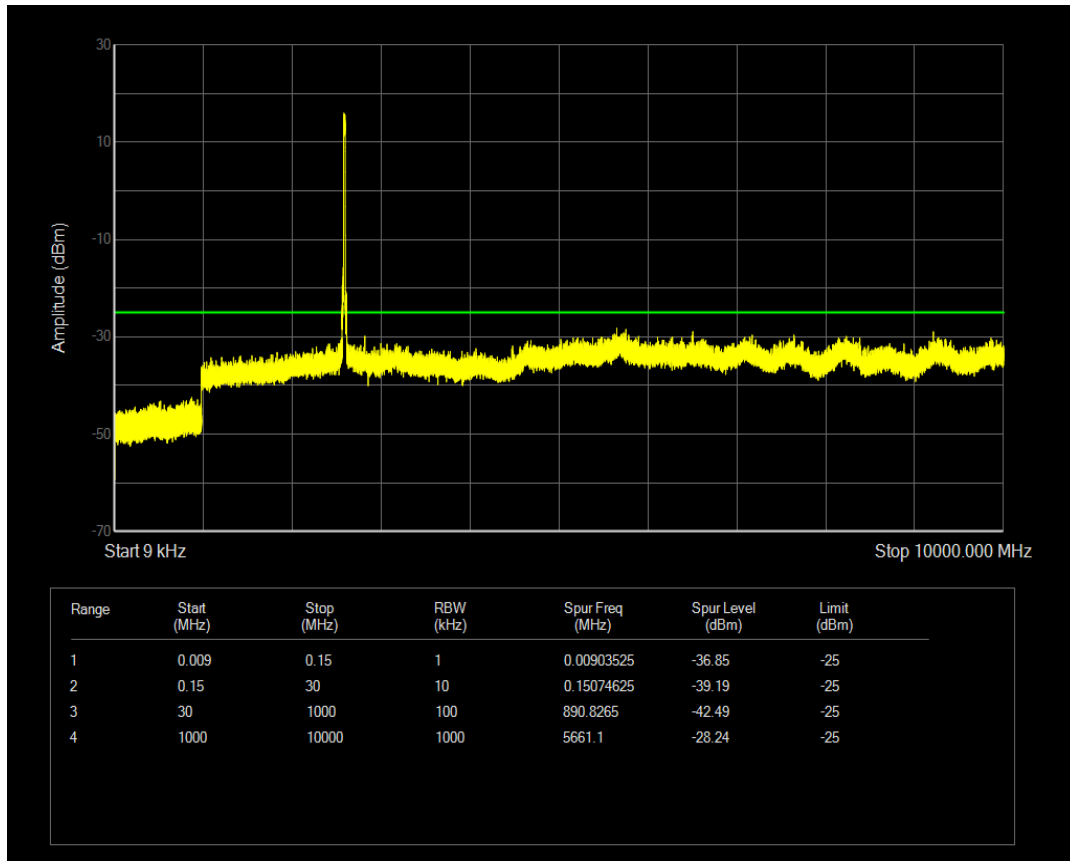


Band41(2535-2675) 16QAM BW=20MHz Channel=40140 RB Size=100 Position=#0

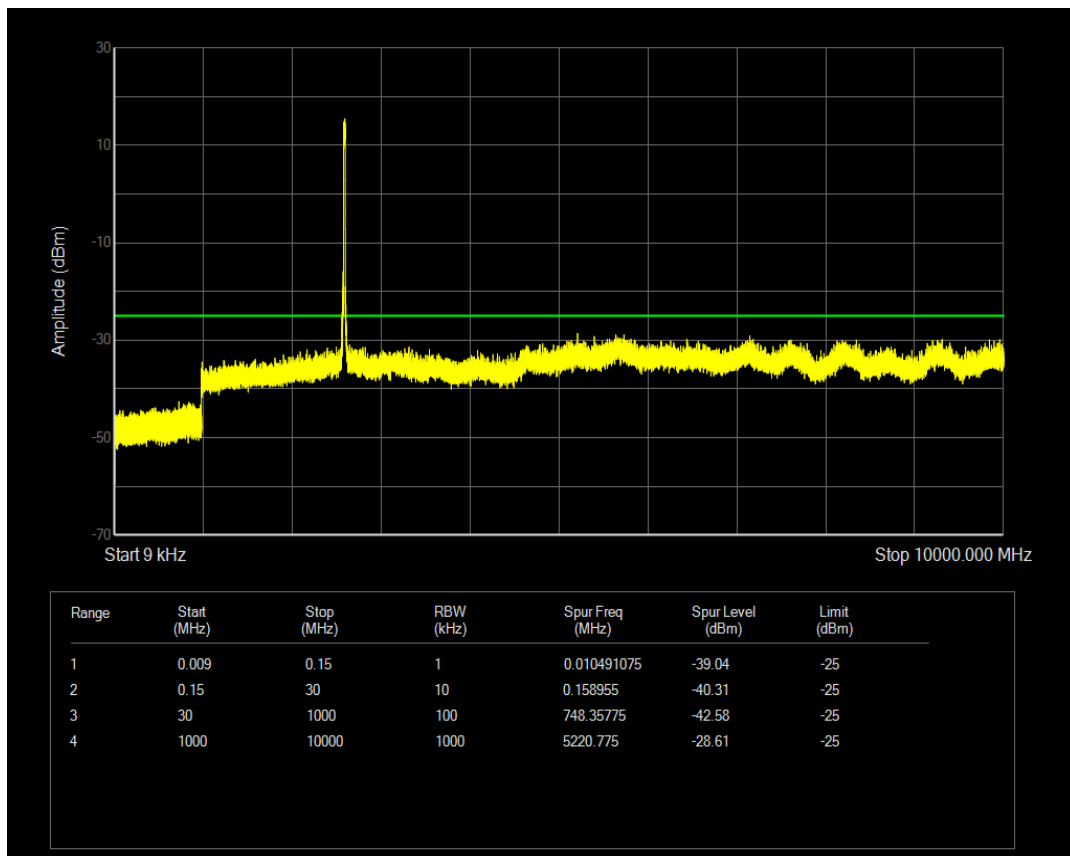




Band41(2535-2675) QPSK BW=20MHz Channel=40740 RB Size=100 Position=#0

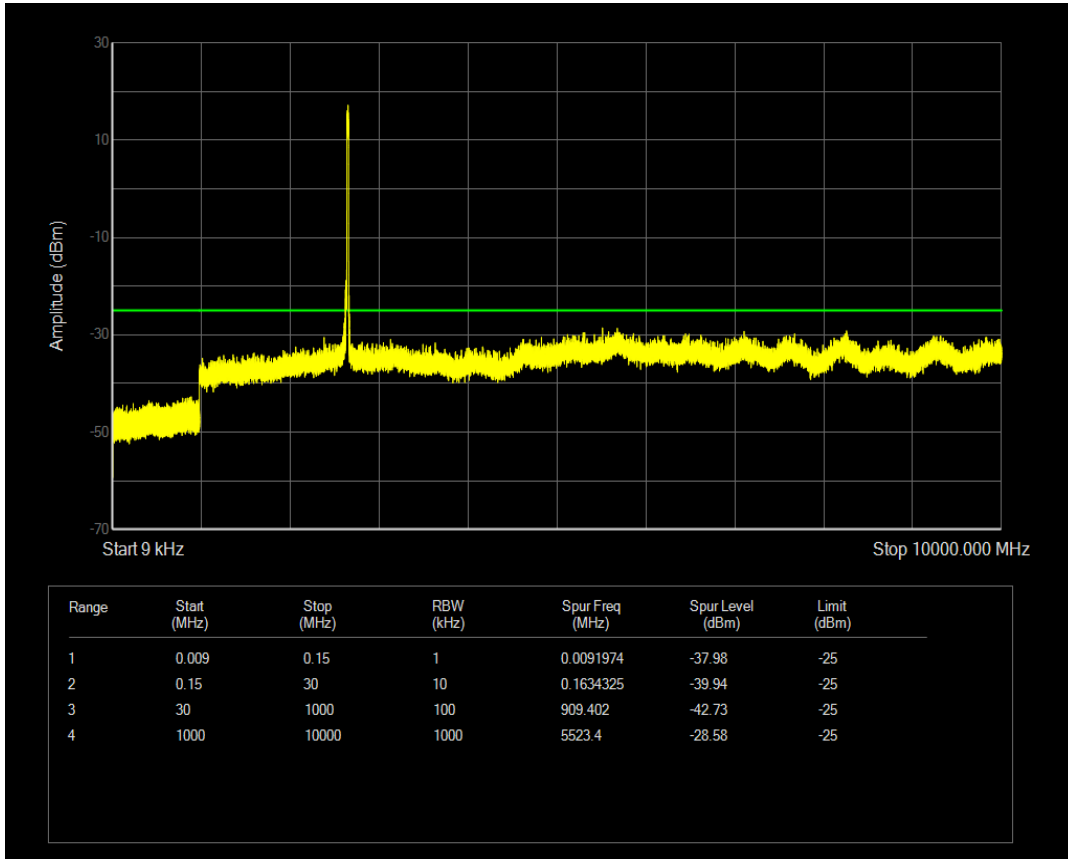


Band41(2535-2675) 16QAM BW=20MHz Channel=40740 RB Size=100 Position=#0





Band41(2535-2675) QPSK BW=20MHz Channel=41340 RB Size=100 Position=#0



Band41(2535-2675) 16QAM BW=20MHz Channel=41340 RB Size=100 Position=#0

