

Appendix for Band 7

Report No.: BCTC2304875804-6E

Applicant: Shenzhen Qichang Intelligent Technology Co., Ltd

Product Name: smartphone

Model/Type
reference: F102

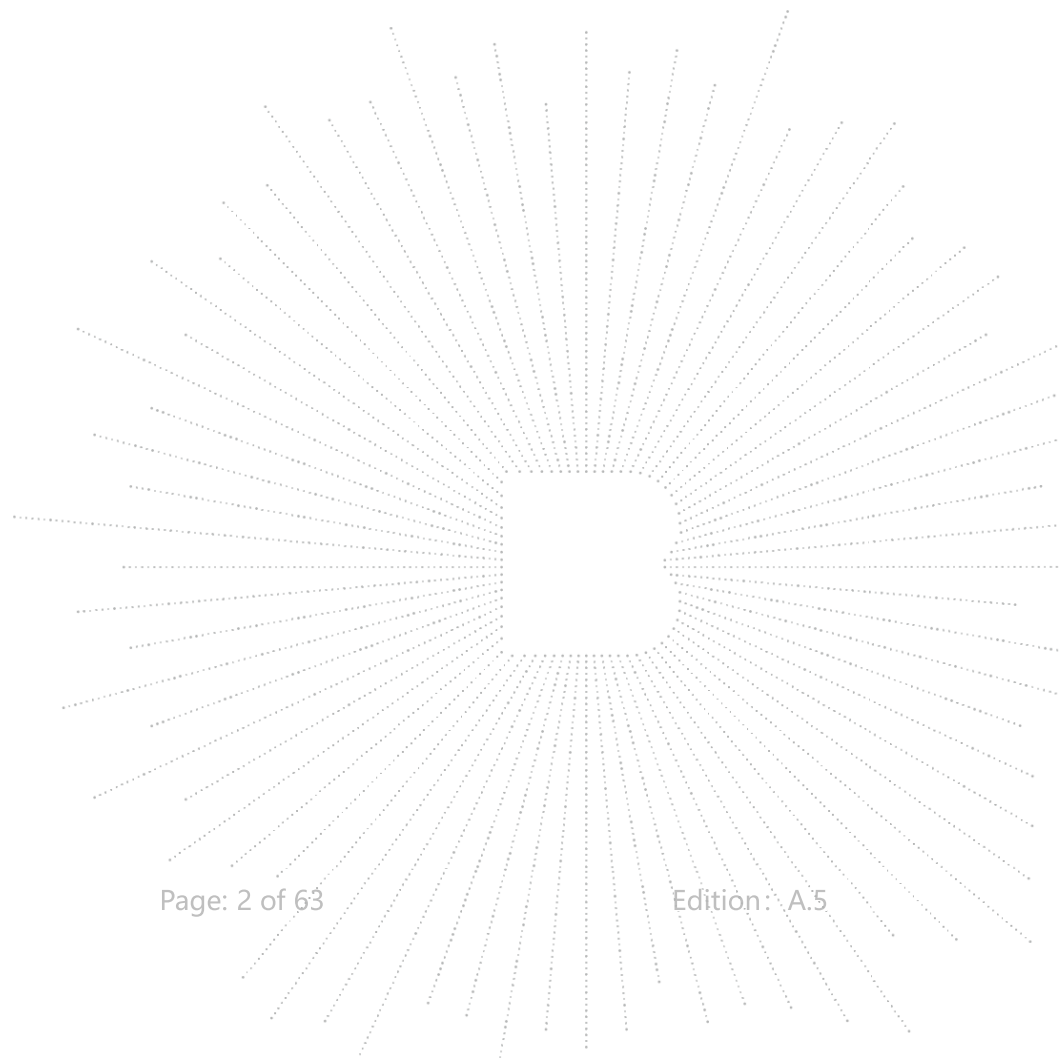
Tested Date: 2023-04-27 to 2023-05-15

Issued Date: 2023-05-16

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
Band7	5	20775	1	#0	QPSK	21.69	0.5	22.19	PASS
Band7	5	20775	1	#Mid	QPSK	21.81	0.5	22.31	PASS
Band7	5	20775	1	#Max	QPSK	21.79	0.5	22.29	PASS
Band7	5	20775	12	#0	QPSK	20.76	0.5	21.26	PASS
Band7	5	20775	12	#Mid	QPSK	20.86	0.5	21.36	PASS
Band7	5	20775	12	#Max	QPSK	20.88	0.5	21.38	PASS
Band7	5	20775	25	#0	QPSK	20.82	0.5	21.32	PASS
Band7	5	20775	1	#0	16QAM	21.00	0.5	21.50	PASS
Band7	5	20775	1	#Mid	16QAM	21.07	0.5	21.57	PASS
Band7	5	20775	1	#Max	16QAM	21.04	0.5	21.54	PASS
Band7	5	20775	12	#0	16QAM	19.80	0.5	20.30	PASS
Band7	5	20775	12	#Mid	16QAM	19.90	0.5	20.40	PASS
Band7	5	20775	12	#Max	16QAM	19.88	0.5	20.38	PASS
Band7	5	20775	25	#0	16QAM	19.79	0.5	20.29	PASS
Band7	5	21100	1	#0	QPSK	22.00	0.5	22.50	PASS
Band7	5	21100	1	#Mid	QPSK	22.18	0.5	22.68	PASS
Band7	5	21100	1	#Max	QPSK	22.21	0.5	22.71	PASS
Band7	5	21100	12	#0	QPSK	21.05	0.5	21.55	PASS
Band7	5	21100	12	#Mid	QPSK	21.16	0.5	21.66	PASS
Band7	5	21100	12	#Max	QPSK	21.20	0.5	21.70	PASS
Band7	5	21100	25	#0	QPSK	21.12	0.5	21.62	PASS
Band7	5	21100	1	#0	16QAM	21.44	0.5	21.94	PASS
Band7	5	21100	1	#Mid	16QAM	21.59	0.5	22.09	PASS
Band7	5	21100	1	#Max	16QAM	21.63	0.5	22.13	PASS
Band7	5	21100	12	#0	16QAM	20.03	0.5	20.53	PASS
Band7	5	21100	12	#Mid	16QAM	20.17	0.5	20.67	PASS
Band7	5	21100	12	#Max	16QAM	20.19	0.5	20.69	PASS
Band7	5	21100	25	#0	16QAM	20.08	0.5	20.58	PASS
Band7	5	21425	1	#0	QPSK	22.26	0.5	22.76	PASS
Band7	5	21425	1	#Mid	QPSK	22.32	0.5	22.82	PASS
Band7	5	21425	1	#Max	QPSK	22.34	0.5	22.84	PASS
Band7	5	21425	12	#0	QPSK	21.24	0.5	21.74	PASS
Band7	5	21425	12	#Mid	QPSK	21.30	0.5	21.80	PASS
Band7	5	21425	12	#Max	QPSK	21.29	0.5	21.79	PASS
Band7	5	21425	25	#0	QPSK	21.29	0.5	21.79	PASS
Band7	5	21425	1	#0	16QAM	21.54	0.5	22.04	PASS
Band7	5	21425	1	#Mid	16QAM	21.59	0.5	22.09	PASS
Band7	5	21425	1	#Max	16QAM	21.57	0.5	22.07	PASS

Band7	5	21425	12	#0	16QAM	20.15	0.5	20.65	PASS
Band7	5	21425	12	#Mid	16QAM	20.25	0.5	20.75	PASS
Band7	5	21425	12	#Max	16QAM	20.25	0.5	20.75	PASS
Band7	5	21425	25	#0	16QAM	20.32	0.5	20.82	PASS
Band7	10	20800	1	#0	QPSK	21.95	0.5	22.45	PASS
Band7	10	20800	1	#Mid	QPSK	22.03	0.5	22.53	PASS
Band7	10	20800	1	#Max	QPSK	22.15	0.5	22.65	PASS
Band7	10	20800	25	#0	QPSK	20.81	0.5	21.31	PASS
Band7	10	20800	25	#Mid	QPSK	20.97	0.5	21.47	PASS
Band7	10	20800	25	#Max	QPSK	20.95	0.5	21.45	PASS
Band7	10	20800	50	#0	QPSK	20.88	0.5	21.38	PASS
Band7	10	20800	1	#0	16QAM	20.63	0.5	21.13	PASS
Band7	10	20800	1	#Mid	16QAM	20.76	0.5	21.26	PASS
Band7	10	20800	1	#Max	16QAM	20.84	0.5	21.34	PASS
Band7	10	20800	25	#0	16QAM	19.77	0.5	20.27	PASS
Band7	10	20800	25	#Mid	16QAM	19.97	0.5	20.47	PASS
Band7	10	20800	25	#Max	16QAM	19.96	0.5	20.46	PASS
Band7	10	20800	50	#0	16QAM	19.82	0.5	20.32	PASS
Band7	10	21100	1	#0	QPSK	22.02	0.5	22.52	PASS
Band7	10	21100	1	#Mid	QPSK	22.20	0.5	22.70	PASS
Band7	10	21100	1	#Max	QPSK	22.38	0.5	22.88	PASS
Band7	10	21100	25	#0	QPSK	21.06	0.5	21.56	PASS
Band7	10	21100	25	#Mid	QPSK	21.19	0.5	21.69	PASS
Band7	10	21100	25	#Max	QPSK	21.27	0.5	21.77	PASS
Band7	10	21100	50	#0	QPSK	21.21	0.5	21.71	PASS
Band7	10	21100	1	#0	16QAM	21.35	0.5	21.85	PASS
Band7	10	21100	1	#Mid	16QAM	21.56	0.5	22.06	PASS
Band7	10	21100	1	#Max	16QAM	21.71	0.5	22.21	PASS
Band7	10	21100	25	#0	16QAM	20.10	0.5	20.60	PASS
Band7	10	21100	25	#Mid	16QAM	20.25	0.5	20.75	PASS
Band7	10	21100	25	#Max	16QAM	20.27	0.5	20.77	PASS
Band7	10	21100	50	#0	16QAM	20.17	0.5	20.67	PASS
Band7	10	21400	1	#0	QPSK	22.33	0.5	22.83	PASS
Band7	10	21400	1	#Mid	QPSK	22.37	0.5	22.87	PASS
Band7	10	21400	1	#Max	QPSK	22.38	0.5	22.88	PASS
Band7	10	21400	25	#0	QPSK	21.28	0.5	21.78	PASS
Band7	10	21400	25	#Mid	QPSK	21.33	0.5	21.83	PASS
Band7	10	21400	25	#Max	QPSK	21.29	0.5	21.79	PASS
Band7	10	21400	50	#0	QPSK	21.34	0.5	21.84	PASS
Band7	10	21400	1	#0	16QAM	21.43	0.5	21.93	PASS
Band7	10	21400	1	#Mid	16QAM	21.49	0.5	21.99	PASS
Band7	10	21400	1	#Max	16QAM	21.48	0.5	21.98	PASS
Band7	10	21400	25	#0	16QAM	20.32	0.5	20.82	PASS

Band7	10	21400	25	#Mid	16QAM	20.35	0.5	20.85	PASS
Band7	10	21400	25	#Max	16QAM	20.29	0.5	20.79	PASS
Band7	10	21400	50	#0	16QAM	20.37	0.5	20.87	PASS
Band7	15	20825	1	#0	QPSK	21.89	0.5	22.39	PASS
Band7	15	20825	1	#Mid	QPSK	22.15	0.5	22.65	PASS
Band7	15	20825	1	#Max	QPSK	22.08	0.5	22.58	PASS
Band7	15	20825	36	#0	QPSK	20.89	0.5	21.39	PASS
Band7	15	20825	36	#Mid	QPSK	21.05	0.5	21.55	PASS
Band7	15	20825	36	#Max	QPSK	21.08	0.5	21.58	PASS
Band7	15	20825	75	#0	QPSK	21.00	0.5	21.50	PASS
Band7	15	20825	1	#0	16QAM	20.85	0.5	21.35	PASS
Band7	15	20825	1	#Mid	16QAM	21.07	0.5	21.57	PASS
Band7	15	20825	1	#Max	16QAM	21.05	0.5	21.55	PASS
Band7	15	20825	36	#0	16QAM	19.82	0.5	20.32	PASS
Band7	15	20825	36	#Mid	16QAM	19.98	0.5	20.48	PASS
Band7	15	20825	36	#Max	16QAM	19.96	0.5	20.46	PASS
Band7	15	20825	75	#0	16QAM	19.95	0.5	20.45	PASS
Band7	15	21100	1	#0	QPSK	21.91	0.5	22.41	PASS
Band7	15	21100	1	#Mid	QPSK	22.21	0.5	22.71	PASS
Band7	15	21100	1	#Max	QPSK	22.43	0.5	22.93	PASS
Band7	15	21100	36	#0	QPSK	21.04	0.5	21.54	PASS
Band7	15	21100	36	#Mid	QPSK	21.26	0.5	21.76	PASS
Band7	15	21100	36	#Max	QPSK	21.38	0.5	21.88	PASS
Band7	15	21100	75	#0	QPSK	21.28	0.5	21.78	PASS
Band7	15	21100	1	#0	16QAM	21.29	0.5	21.79	PASS
Band7	15	21100	1	#Mid	16QAM	21.53	0.5	22.03	PASS
Band7	15	21100	1	#Max	16QAM	21.73	0.5	22.23	PASS
Band7	15	21100	36	#0	16QAM	20.06	0.5	20.56	PASS
Band7	15	21100	36	#Mid	16QAM	20.27	0.5	20.77	PASS
Band7	15	21100	36	#Max	16QAM	20.34	0.5	20.84	PASS
Band7	15	21100	75	#0	16QAM	20.22	0.5	20.72	PASS
Band7	15	21375	1	#0	QPSK	22.37	0.5	22.87	PASS
Band7	15	21375	1	#Mid	QPSK	22.30	0.5	22.80	PASS
Band7	15	21375	1	#Max	QPSK	22.24	0.5	22.74	PASS
Band7	15	21375	36	#0	QPSK	21.41	0.5	21.91	PASS
Band7	15	21375	36	#Mid	QPSK	21.39	0.5	21.89	PASS
Band7	15	21375	36	#Max	QPSK	21.32	0.5	21.82	PASS
Band7	15	21375	75	#0	QPSK	21.38	0.5	21.88	PASS
Band7	15	21375	1	#0	16QAM	21.51	0.5	22.01	PASS
Band7	15	21375	1	#Mid	16QAM	21.45	0.5	21.95	PASS
Band7	15	21375	1	#Max	16QAM	21.42	0.5	21.92	PASS
Band7	15	21375	36	#0	16QAM	20.43	0.5	20.93	PASS
Band7	15	21375	36	#Mid	16QAM	20.43	0.5	20.93	PASS

Band7	15	21375	36	#Max	16QAM	20.35	0.5	20.85	PASS
Band7	15	21375	75	#0	16QAM	20.34	0.5	20.84	PASS
Band7	20	20850	1	#0	QPSK	21.80	0.5	22.30	PASS
Band7	20	20850	1	#Mid	QPSK	22.20	0.5	22.70	PASS
Band7	20	20850	1	#Max	QPSK	22.05	0.5	22.55	PASS
Band7	20	20850	50	#0	QPSK	20.82	0.5	21.32	PASS
Band7	20	20850	50	#Mid	QPSK	21.03	0.5	21.53	PASS
Band7	20	20850	50	#Max	QPSK	20.94	0.5	21.44	PASS
Band7	20	20850	100	#0	QPSK	20.86	0.5	21.36	PASS
Band7	20	20850	1	#0	16QAM	20.86	0.5	21.36	PASS
Band7	20	20850	1	#Mid	16QAM	21.23	0.5	21.73	PASS
Band7	20	20850	1	#Max	16QAM	21.12	0.5	21.62	PASS
Band7	20	20850	50	#0	16QAM	19.78	0.5	20.28	PASS
Band7	20	20850	50	#Mid	16QAM	20.02	0.5	20.52	PASS
Band7	20	20850	50	#Max	16QAM	19.95	0.5	20.45	PASS
Band7	20	20850	100	#0	16QAM	19.84	0.5	20.34	PASS
Band7	20	21100	1	#0	QPSK	21.82	0.5	22.32	PASS
Band7	20	21100	1	#Mid	QPSK	22.26	0.5	22.76	PASS
Band7	20	21100	1	#Max	QPSK	22.49	0.5	22.99	PASS
Band7	20	21100	50	#0	QPSK	20.96	0.5	21.46	PASS
Band7	20	21100	50	#Mid	QPSK	21.25	0.5	21.75	PASS
Band7	20	21100	50	#Max	QPSK	21.32	0.5	21.82	PASS
Band7	20	21100	100	#0	QPSK	21.15	0.5	21.65	PASS
Band7	20	21100	1	#0	16QAM	21.00	0.5	21.50	PASS
Band7	20	21100	1	#Mid	16QAM	21.46	0.5	21.96	PASS
Band7	20	21100	1	#Max	16QAM	21.66	0.5	22.16	PASS
Band7	20	21100	50	#0	16QAM	19.99	0.5	20.49	PASS
Band7	20	21100	50	#Mid	16QAM	20.29	0.5	20.79	PASS
Band7	20	21100	50	#Max	16QAM	20.33	0.5	20.83	PASS
Band7	20	21100	100	#0	16QAM	20.17	0.5	20.67	PASS
Band7	20	21350	1	#0	QPSK	22.43	0.5	22.93	PASS
Band7	20	21350	1	#Mid	QPSK	22.49	0.5	22.99	PASS
Band7	20	21350	1	#Max	QPSK	22.29	0.5	22.79	PASS
Band7	20	21350	50	#0	QPSK	21.44	0.5	21.94	PASS
Band7	20	21350	50	#Mid	QPSK	21.38	0.5	21.88	PASS
Band7	20	21350	50	#Max	QPSK	21.27	0.5	21.77	PASS
Band7	20	21350	100	#0	QPSK	21.29	0.5	21.79	PASS
Band7	20	21350	1	#0	16QAM	21.63	0.5	22.13	PASS
Band7	20	21350	1	#Mid	16QAM	21.68	0.5	22.18	PASS
Band7	20	21350	1	#Max	16QAM	21.51	0.5	22.01	PASS
Band7	20	21350	50	#0	16QAM	20.45	0.5	20.95	PASS
Band7	20	21350	50	#Mid	16QAM	20.42	0.5	20.92	PASS
Band7	20	21350	50	#Max	16QAM	20.28	0.5	20.78	PASS

Band7	20	21350	100	#0	16QAM	20.31	0.5	20.81	PASS
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Appendix 2. Frequency stability

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
Band 7	5	20775	25	#0	QPSK	LV	NT	-10.34	-0.004	-2.5	2.5	PASS
Band 7	5	20775	25	#0	QPSK	NV	NT	-1.24	0.000	-2.5	2.5	PASS
Band 7	5	20775	25	#0	QPSK	HV	NT	-6.12	-0.002	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	LV	NT	-2.96	-0.001	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	NV	NT	-5.89	-0.002	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	HV	NT	-2.57	-0.001	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	LV	NT	-6.92	-0.003	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	NV	NT	-5.25	-0.002	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	HV	NT	-0.50	0.000	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	LV	NT	-6.39	-0.003	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	NV	NT	-2.85	-0.001	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	HV	NT	-2.75	-0.001	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	LV	NT	-0.66	0.000	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	NV	NT	-1.77	-0.001	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	HV	NT	1.60	0.001	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	LV	NT	-1.76	-0.001	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	NV	NT	-3.23	-0.001	-2.5	2.5	PASS

Band 7	5	21425	25	#0	16QAM	HV	NT	-0.30	0.000	-2.5	2.5	PASS
Band 7	10	20800	50	#0	QPSK	LV	NT	-6.25	-0.00 2	-2.5	2.5	PASS
Band 7	10	20800	50	#0	QPSK	NV	NT	-7.52	-0.00 3	-2.5	2.5	PASS
Band 7	10	20800	50	#0	QPSK	HV	NT	-1.34	-0.00 1	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	LV	NT	-2.39	-0.00 1	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	NV	NT	-2.07	-0.00 1	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	HV	NT	-3.50	-0.00 1	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	LV	NT	-3.66	-0.00 1	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	NV	NT	-0.40	0.000	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	HV	NT	-3.02	-0.00 1	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	LV	NT	-1.47	-0.00 1	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	NV	NT	-3.33	-0.00 1	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	HV	NT	-2.50	-0.00 1	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	LV	NT	-1.00	0.000	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	NV	NT	-1.95	-0.00 1	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	HV	NT	-4.72	-0.00 2	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	LV	NT	-2.13	-0.00 1	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	NV	NT	-3.75	-0.00 1	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	HV	NT	-2.99	-0.00 1	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	LV	NT	-1.85	-0.00 1	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	NV	NT	1.07	0.000	-2.5	2.5	PASS
Band	15	20825	75	#0	QPSK	HV	NT	2.45	0.001	-2.5	2.5	PASS

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Band 7	15	20825	75	#0	16QAM	LV	NT	1.52	0.001	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	NV	NT	0.26	0.000	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	HV	NT	0.63	0.000	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	LV	NT	-0.34	0.000	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	NV	NT	-1.75	-0.001	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	HV	NT	-2.43	-0.001	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	LV	NT	-1.32	-0.001	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	NV	NT	-0.57	0.000	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	HV	NT	0.87	0.000	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	LV	NT	-3.50	-0.001	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	NV	NT	-1.32	-0.001	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	HV	NT	-0.99	0.000	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	LV	NT	0.56	0.000	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	NV	NT	-2.46	-0.001	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	HV	NT	-2.42	-0.001	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	LV	NT	-2.72	-0.001	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	NV	NT	-1.72	-0.001	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	HV	NT	0.03	0.000	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	LV	NT	-1.04	0.000	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	NV	NT	0.82	0.000	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	HV	NT	-0.63	0.000	-2.5	2.5	PASS

Band 7	20	21100	100	#0	QPSK	LV	NT	-0.92	0.000	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	NV	NT	-2.96	-0.001	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	HV	NT	-2.66	-0.001	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	LV	NT	-3.55	-0.001	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	NV	NT	-4.33	-0.002	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	HV	NT	-3.05	-0.001	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	LV	NT	0.33	0.000	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	NV	NT	-1.44	-0.001	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	HV	NT	-2.13	-0.001	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	LV	NT	-1.10	0.000	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	NV	NT	1.75	0.001	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	HV	NT	-3.49	-0.001	-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
Band 7	5	20775	25	#0	QPSK	NV	-30	-1.19	0.000	-2.5	2.5	PASS
Band 7	5	20775	25	#0	QPSK	NV	-20	-4.98	-0.002	-2.5	2.5	PASS
Band 7	5	20775	25	#0	QPSK	NV	0	-7.60	-0.003	-2.5	2.5	PASS
Band 7	5	20775	25	#0	QPSK	NV	10	-2.76	-0.001	-2.5	2.5	PASS
Band 7	5	20775	25	#0	QPSK	NV	20	-6.75	-0.003	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	NV	-30	-1.30	-0.001	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	NV	-20	-3.33	-0.001	-2.5	2.5	PASS

Band 7	5	20775	25	#0	16QAM	NV	0	-1.27	-0.00 1	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	NV	10	-0.80	0.000	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	NV	20	1.06	0.000	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	NV	-30	2.80	0.001	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	NV	-20	-2.80	-0.00 1	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	NV	0	-4.91	-0.00 2	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	NV	10	-4.23	-0.00 2	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	NV	20	-1.46	-0.00 1	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	NV	-30	-2.55	-0.00 1	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	NV	-20	-0.54	0.000	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	NV	0	-2.75	-0.00 1	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	NV	10	-7.00	-0.00 3	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	NV	20	-2.43	-0.00 1	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	NV	-30	-5.08	-0.00 2	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	NV	-20	-8.91	-0.00 3	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	NV	0	-2.96	-0.00 1	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	NV	10	-3.89	-0.00 2	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	NV	20	-3.52	-0.00 1	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	NV	-30	-6.31	-0.00 2	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	NV	-20	-2.29	-0.00 1	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	NV	0	-4.58	-0.00 2	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	NV	10	-3.19	-0.00	-2.5	2.5	PASS

7									1			
Band 7	5	21425	25	#0	16QAM	NV	20	0.70	0.000	-2.5	2.5	PASS
Band 7	10	20800	50	#0	QPSK	NV	-30	-5.65	-0.002	-2.5	2.5	PASS
Band 7	10	20800	50	#0	QPSK	NV	-20	-6.77	-0.003	-2.5	2.5	PASS
Band 7	10	20800	50	#0	QPSK	NV	0	-5.84	-0.002	-2.5	2.5	PASS
Band 7	10	20800	50	#0	QPSK	NV	10	-3.73	-0.001	-2.5	2.5	PASS
Band 7	10	20800	50	#0	QPSK	NV	20	-1.03	0.000	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	NV	-30	-1.33	-0.001	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	NV	-20	-2.46	-0.001	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	NV	0	-3.46	-0.001	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	NV	10	-3.65	-0.001	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	NV	20	-4.06	-0.002	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	NV	-30	-2.15	-0.001	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	NV	-20	-5.92	-0.002	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	NV	0	-2.03	-0.001	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	NV	10	-3.43	-0.001	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	NV	20	-4.38	-0.002	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	NV	-30	-5.59	-0.002	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	NV	-20	-4.72	-0.002	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	NV	0	-2.07	-0.001	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	NV	10	-2.23	-0.001	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	NV	20	-6.02	-0.002	-2.5	2.5	PASS

Band 7	10	21400	50	#0	QPSK	NV	-30	-2.36	-0.00 1	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	NV	-20	-2.50	-0.00 1	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	NV	0	-3.55	-0.00 1	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	NV	10	-0.44	0.000	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	NV	20	-4.02	-0.00 2	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	NV	-30	-3.12	-0.00 1	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	NV	-20	-2.49	-0.00 1	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	NV	0	-1.62	-0.00 1	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	NV	10	-4.73	-0.00 2	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	NV	20	-3.66	-0.00 1	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	NV	-30	-2.57	-0.00 1	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	NV	-20	2.12	0.001	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	NV	0	0.73	0.000	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	NV	10	0.79	0.000	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	NV	20	-1.12	0.000	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	NV	-30	1.96	0.001	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	NV	-20	1.14	0.000	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	NV	0	-0.09	0.000	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	NV	10	2.02	0.001	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	NV	20	0.59	0.000	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	NV	-30	-6.39	-0.00 3	-2.5	2.5	PASS
Band	15	21100	75	#0	QPSK	NV	-20	-4.56	-0.00	-2.5	2.5	PASS

7									2			
Band 7	15	21100	75	#0	QPSK	NV	0	-5.08	-0.00 2	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	NV	10	-4.32	-0.00 2	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	NV	20	-2.22	-0.00 1	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	NV	-30	-5.99	-0.00 2	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	NV	-20	-5.04	-0.00 2	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	NV	0	-3.59	-0.00 1	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	NV	10	-4.94	-0.00 2	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	NV	20	-4.88	-0.00 2	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	NV	-30	-3.30	-0.00 1	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	NV	-20	-2.19	-0.00 1	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	NV	0	-1.37	-0.00 1	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	NV	10	-4.22	-0.00 2	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	NV	20	-1.56	-0.00 1	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	NV	-30	-2.93	-0.00 1	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	NV	-20	-1.83	-0.00 1	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	NV	0	0.04	0.000	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	NV	10	0.29	0.000	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	NV	20	-0.29	0.000	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	NV	-30	-2.47	-0.00 1	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	NV	-20	-2.43	-0.00 1	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	NV	0	-4.26	-0.00 2	-2.5	2.5	PASS

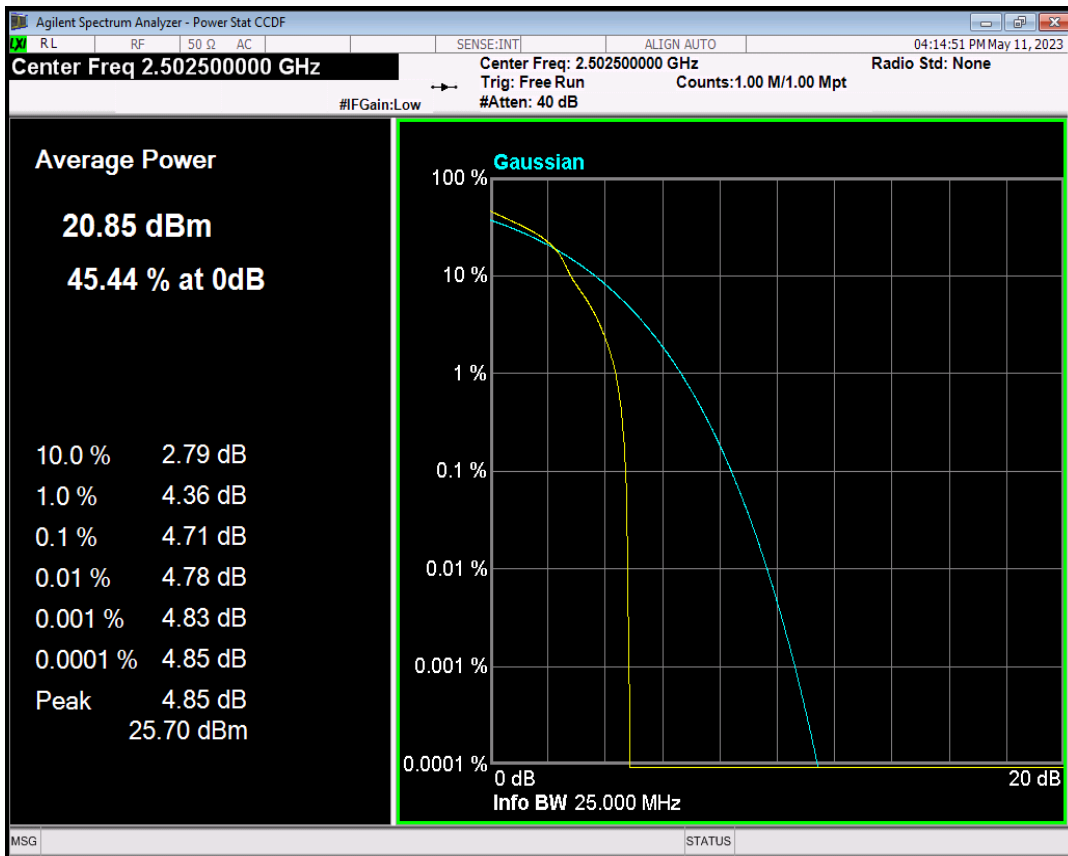
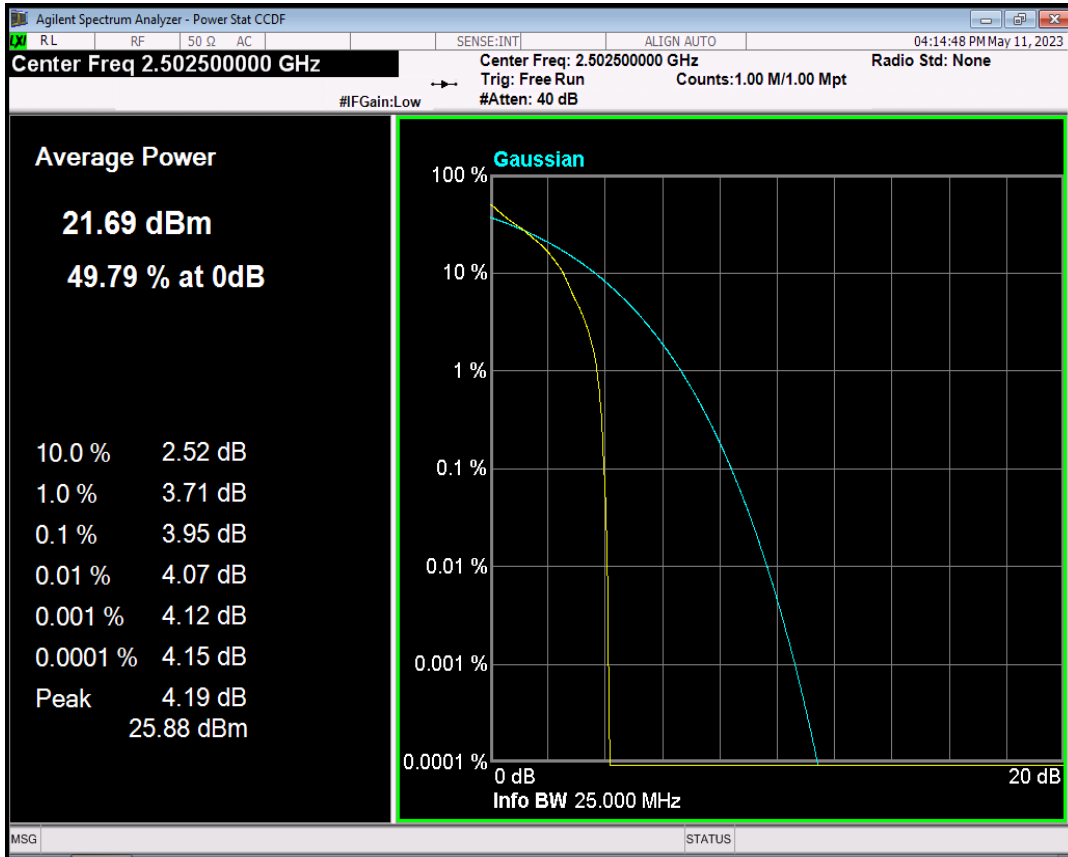
Band 7	20	20850	100	#0	QPSK	NV	10	-4.15	-0.00 2	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	NV	20	-2.90	-0.00 1	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	NV	-30	-0.72	0.000	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	NV	-20	-2.06	-0.00 1	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	NV	0	-1.42	-0.00 1	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	NV	10	-1.59	-0.00 1	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	NV	20	-2.03	-0.00 1	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	NV	-30	-3.73	-0.00 1	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	NV	-20	-3.76	-0.00 1	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	NV	0	-3.96	-0.00 2	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	NV	10	-2.93	-0.00 1	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	NV	20	-6.28	-0.00 2	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	NV	-30	-6.24	-0.00 2	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	NV	-20	-3.98	-0.00 2	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	NV	0	-7.11	-0.00 3	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	NV	10	-5.24	-0.00 2	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	NV	20	-5.99	-0.00 2	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	NV	-30	-4.23	-0.00 2	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	NV	-20	-3.40	-0.00 1	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	NV	0	-3.63	-0.00 1	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	NV	10	-3.73	-0.00 1	-2.5	2.5	PASS
Band	20	21350	100	#0	QPSK	NV	20	-6.42	-0.00	-2.5	2.5	PASS

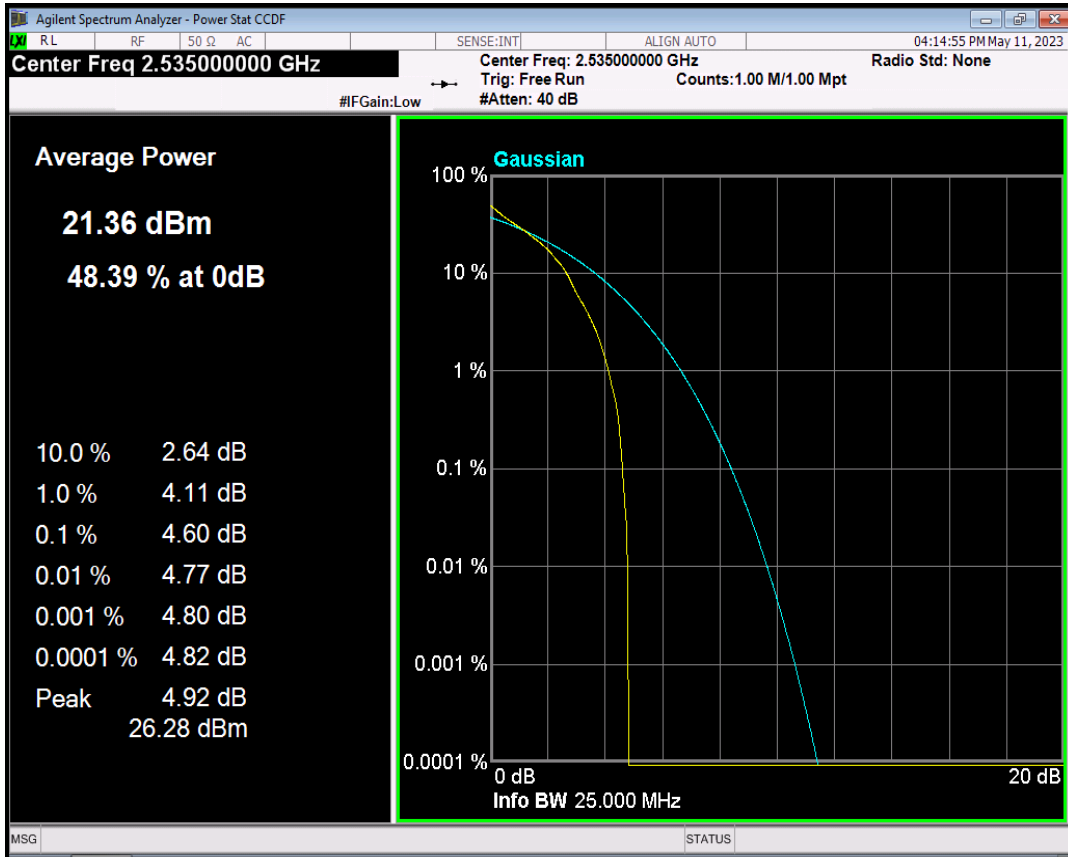
7									3			
Band 7	20	21350	100	#0	16QAM	NV	-30	-4.53	-0.00 2	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	NV	-20	-2.09	-0.00 1	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	NV	0	-1.03	0.000	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	NV	10	-3.76	-0.00 1	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	NV	20	-0.57	0.000	-2.5	2.5	PASS

Appendix 3. Peak-to-Average Ratio

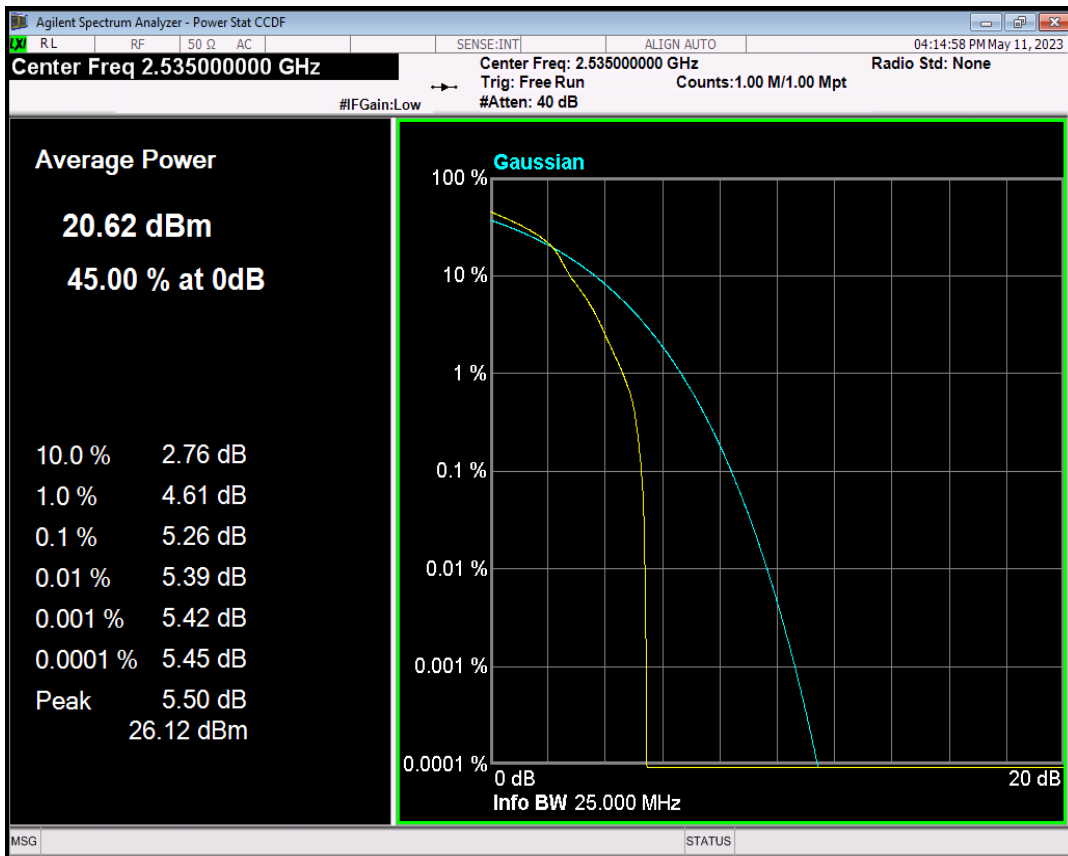
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band7	5	20775	1	#0	QPSK	3.95	13	PASS
Band7	5	20775	1	#0	16QAM	4.71	13	PASS
Band7	5	21100	1	#0	QPSK	4.60	13	PASS
Band7	5	21100	1	#0	16QAM	5.26	13	PASS
Band7	5	21425	1	#0	QPSK	4.09	13	PASS
Band7	5	21425	1	#0	16QAM	4.97	13	PASS
Band7	10	20800	1	#0	QPSK	3.83	13	PASS
Band7	10	20800	1	#0	16QAM	4.72	13	PASS
Band7	10	21100	1	#0	QPSK	4.50	13	PASS
Band7	10	21100	1	#0	16QAM	5.50	13	PASS
Band7	10	21400	1	#0	QPSK	3.76	13	PASS
Band7	10	21400	1	#0	16QAM	4.63	13	PASS
Band7	15	20825	1	#0	QPSK	3.84	13	PASS
Band7	15	20825	1	#0	16QAM	4.76	13	PASS
Band7	15	21100	1	#0	QPSK	4.39	13	PASS
Band7	15	21100	1	#0	16QAM	5.28	13	PASS
Band7	15	21375	1	#0	QPSK	3.46	13	PASS
Band7	15	21375	1	#0	16QAM	4.49	13	PASS
Band7	20	20850	1	#0	QPSK	3.90	13	PASS
Band7	20	20850	1	#0	16QAM	4.70	13	PASS
Band7	20	21100	1	#0	QPSK	4.15	13	PASS
Band7	20	21100	1	#0	16QAM	5.04	13	PASS
Band7	20	21350	1	#0	QPSK	3.53	13	PASS
Band7	20	21350	1	#0	16QAM	4.59	13	PASS

Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0

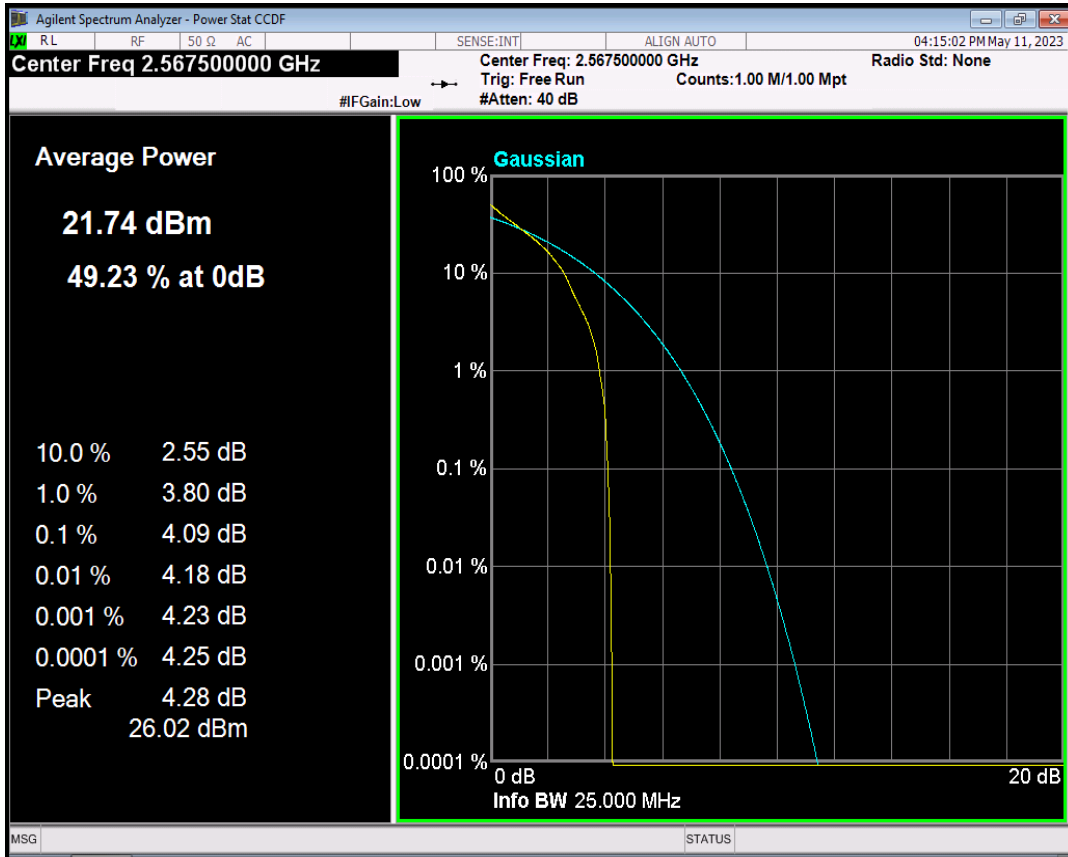




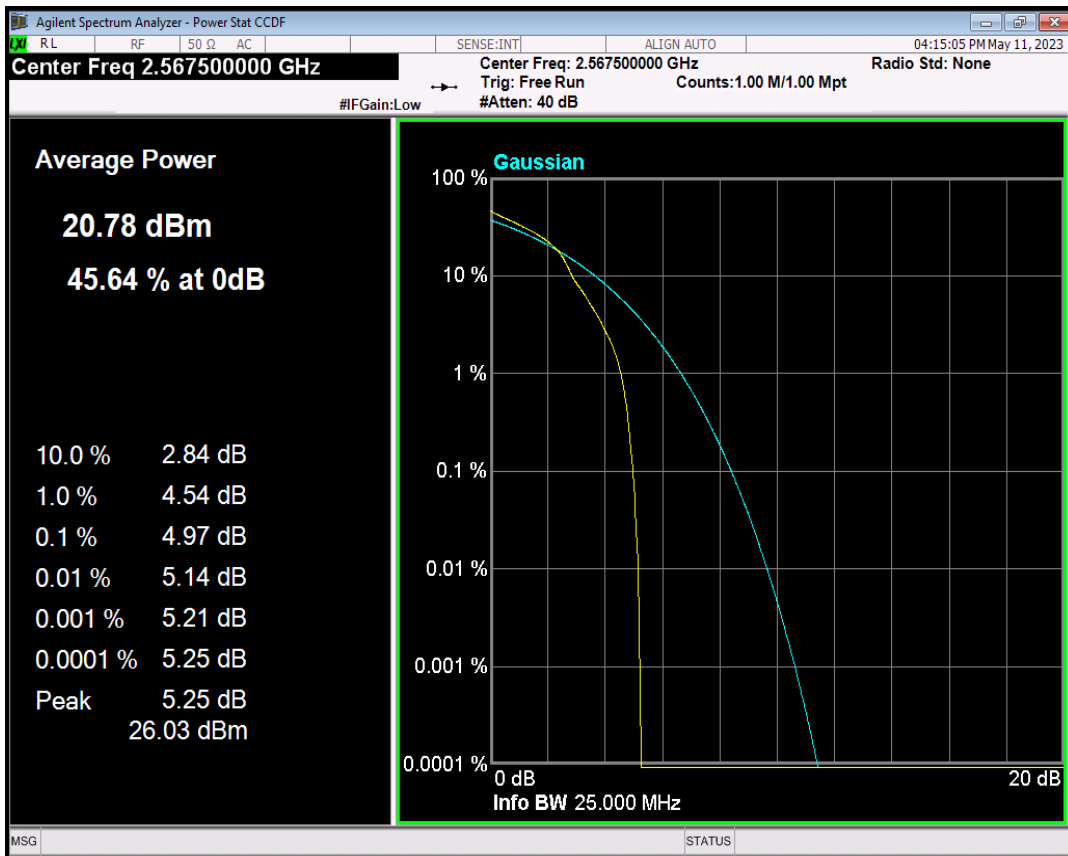
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



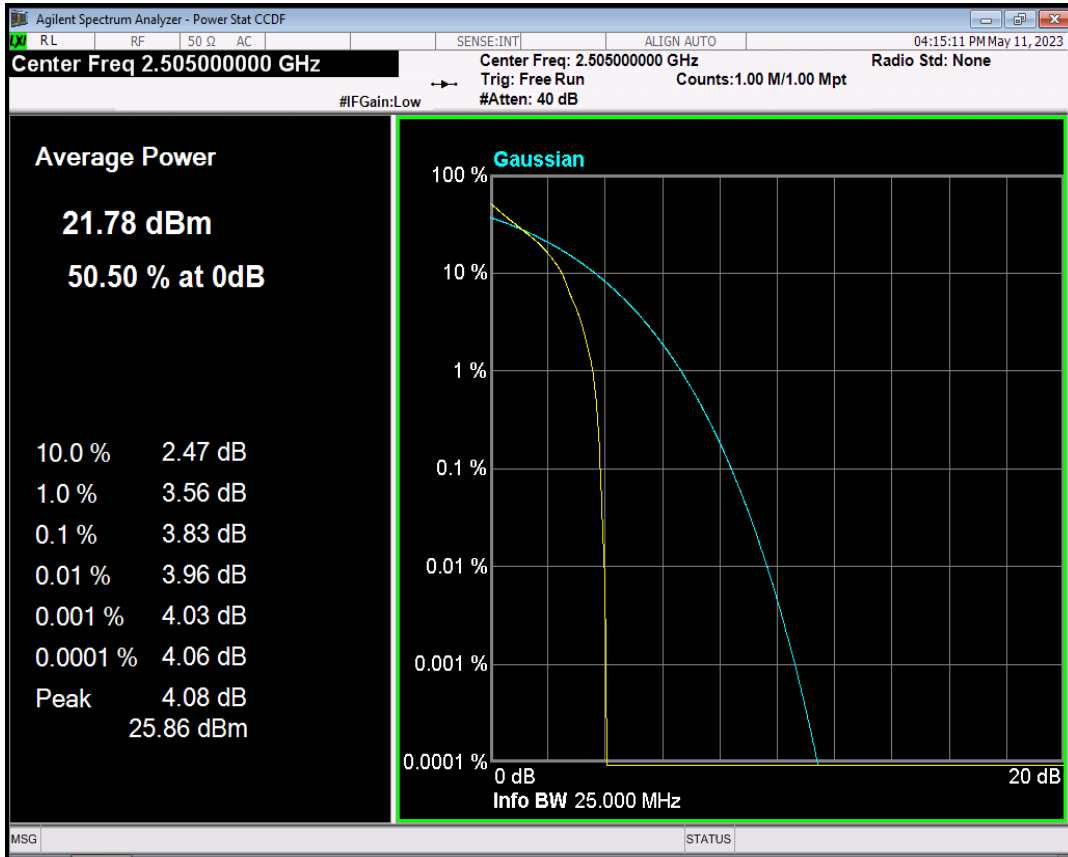
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



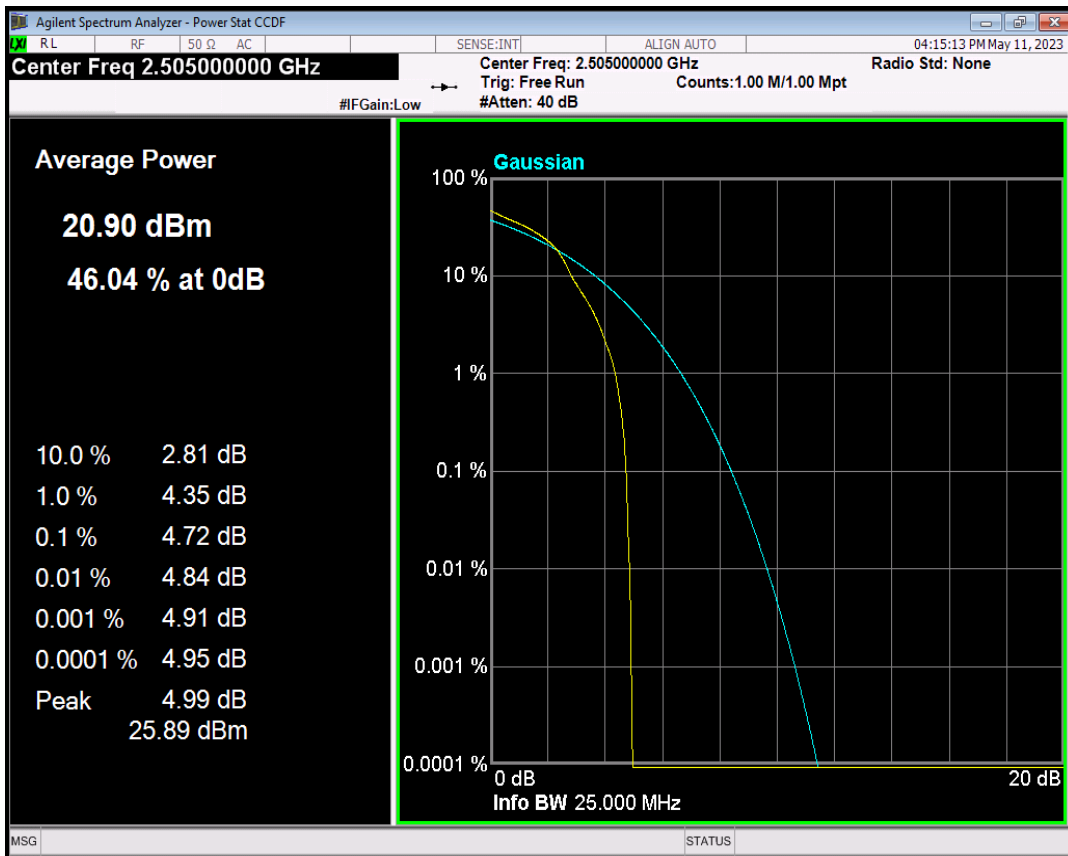
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0



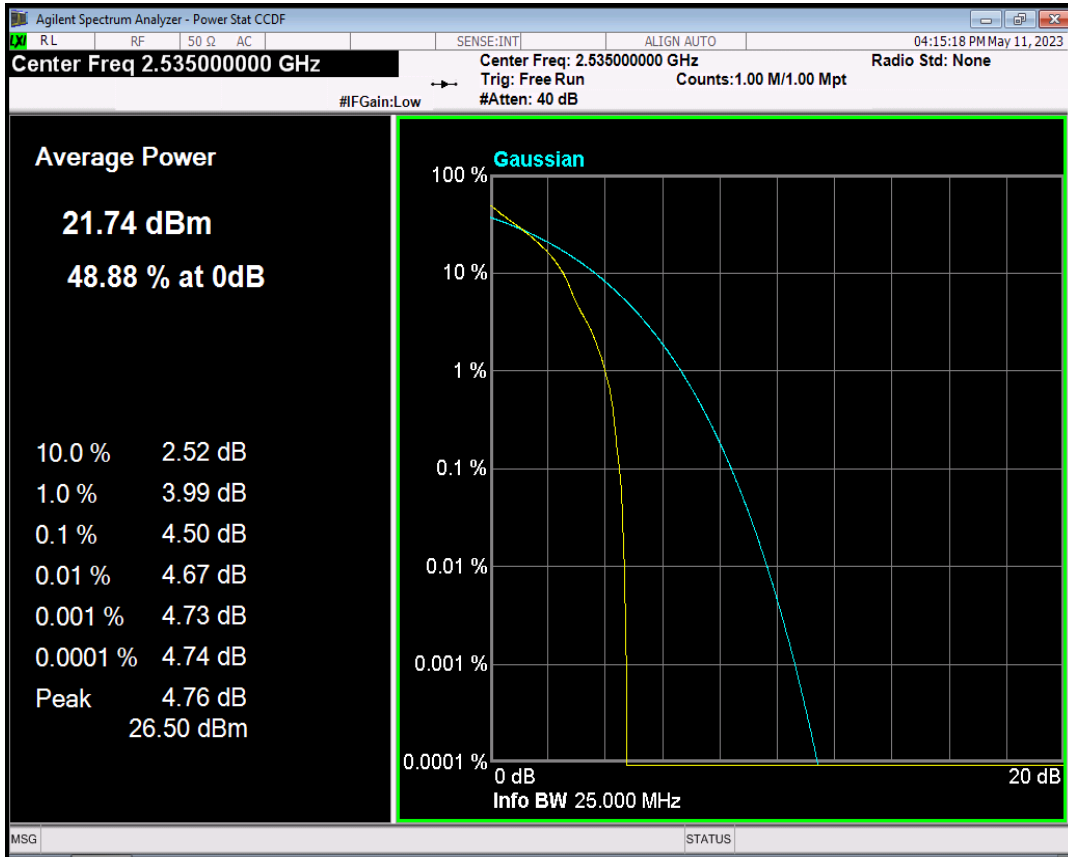
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



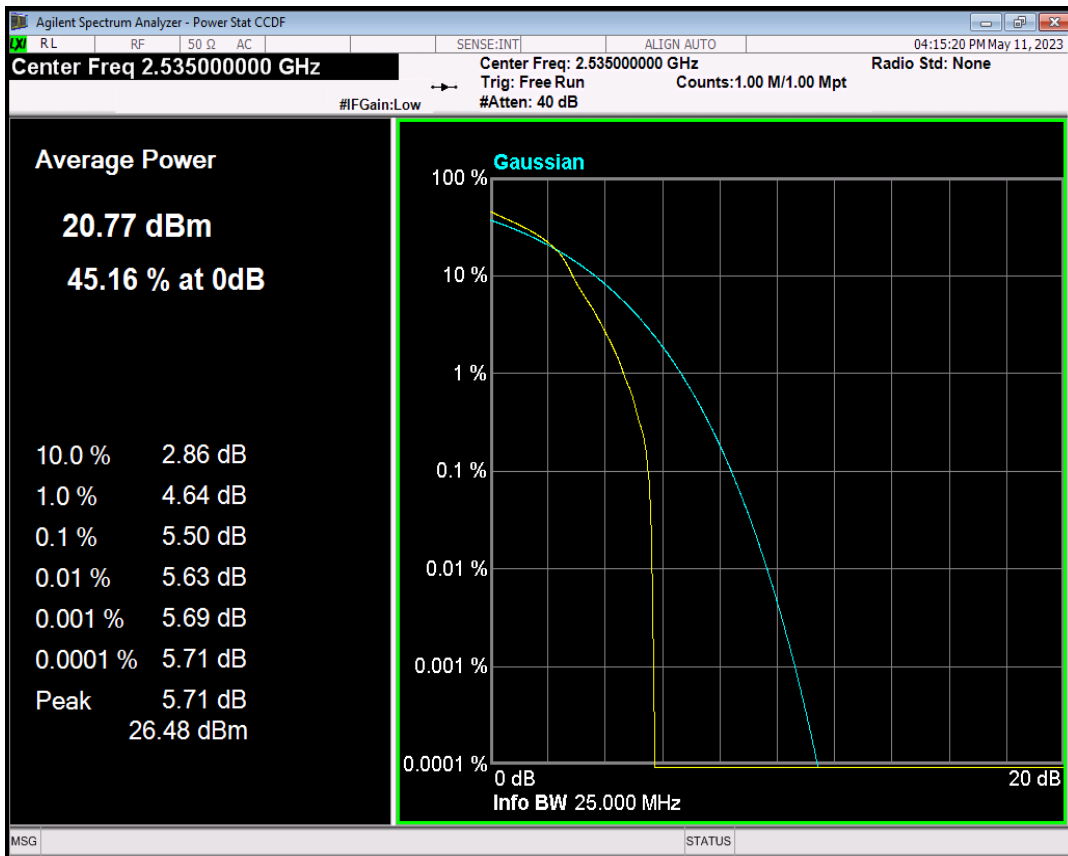
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0



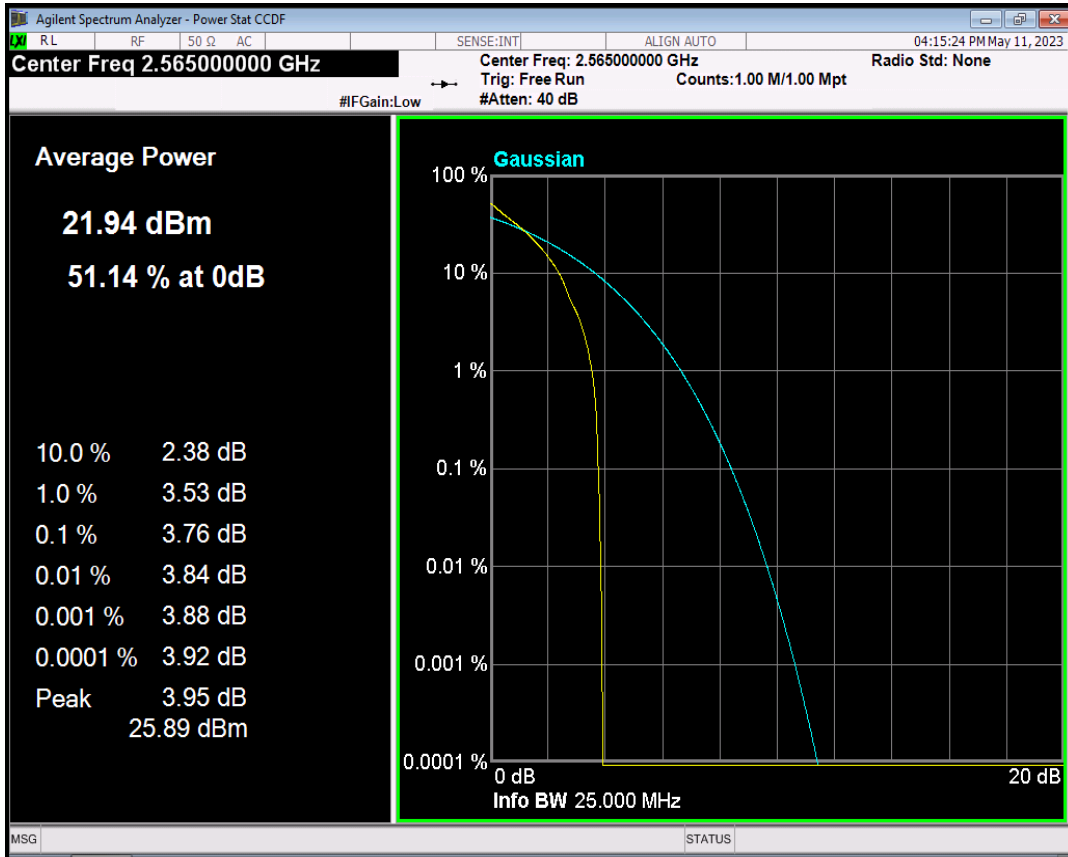
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



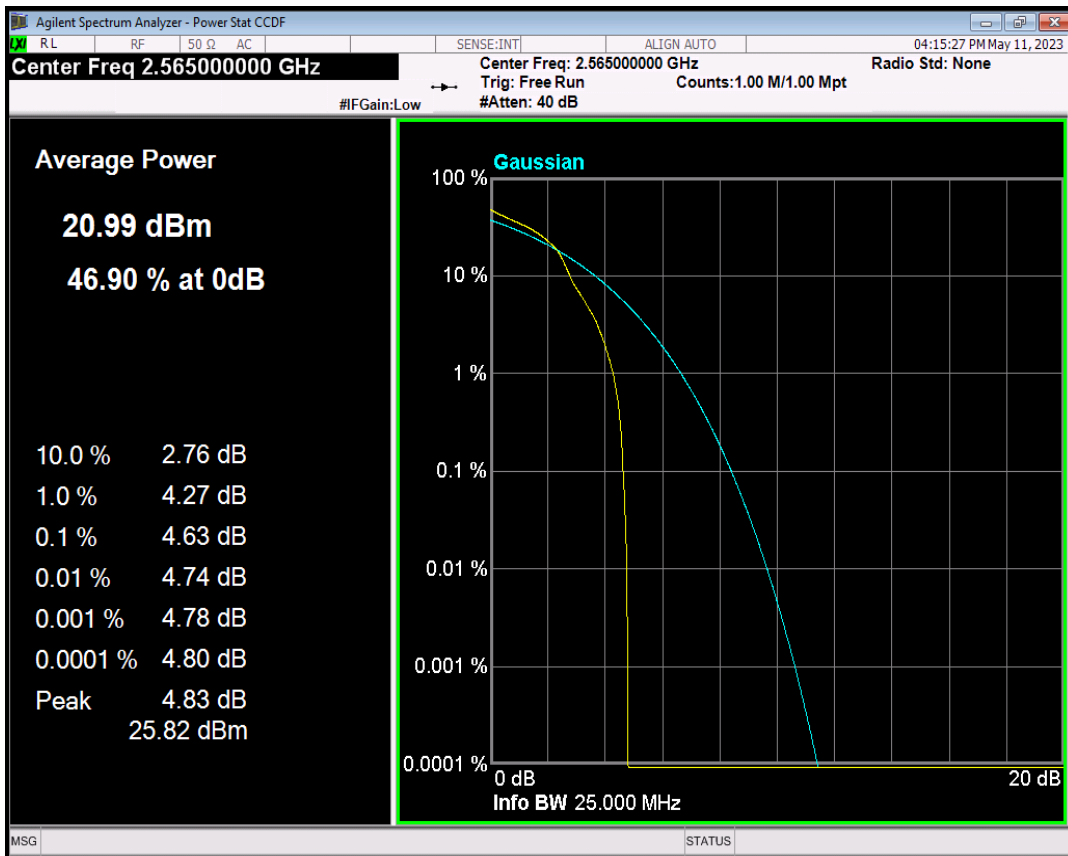
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



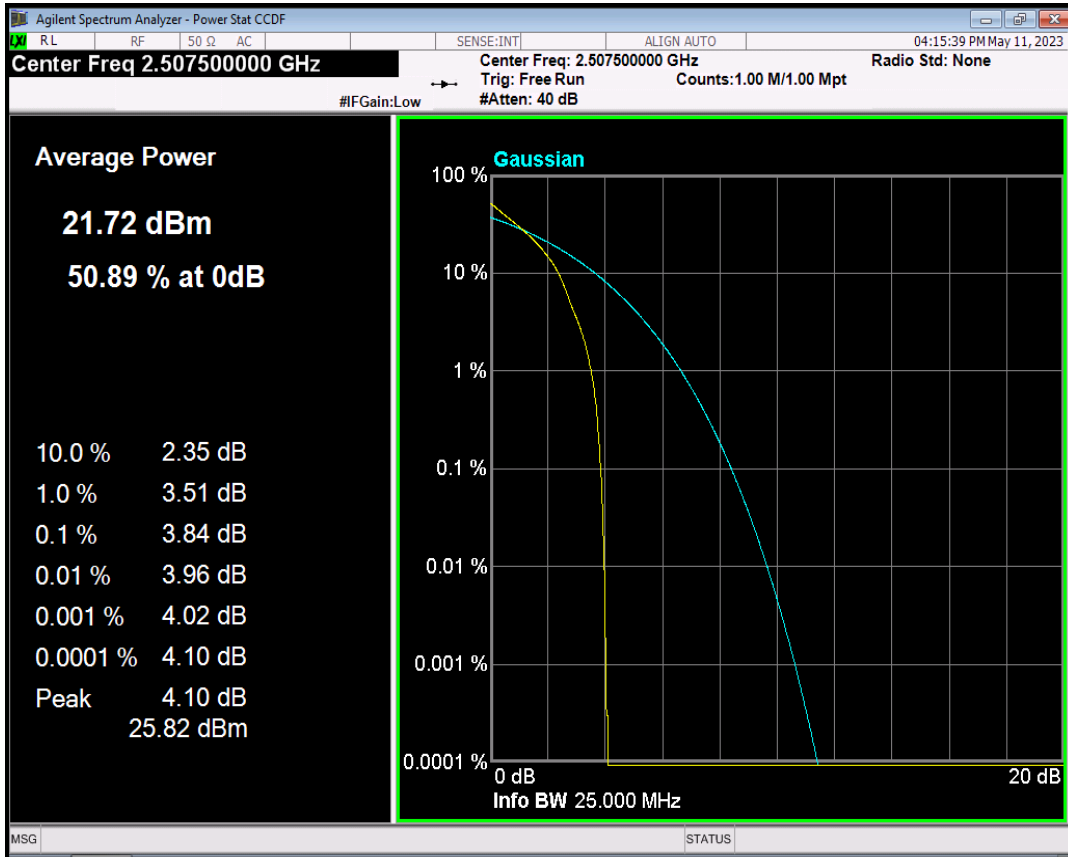
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



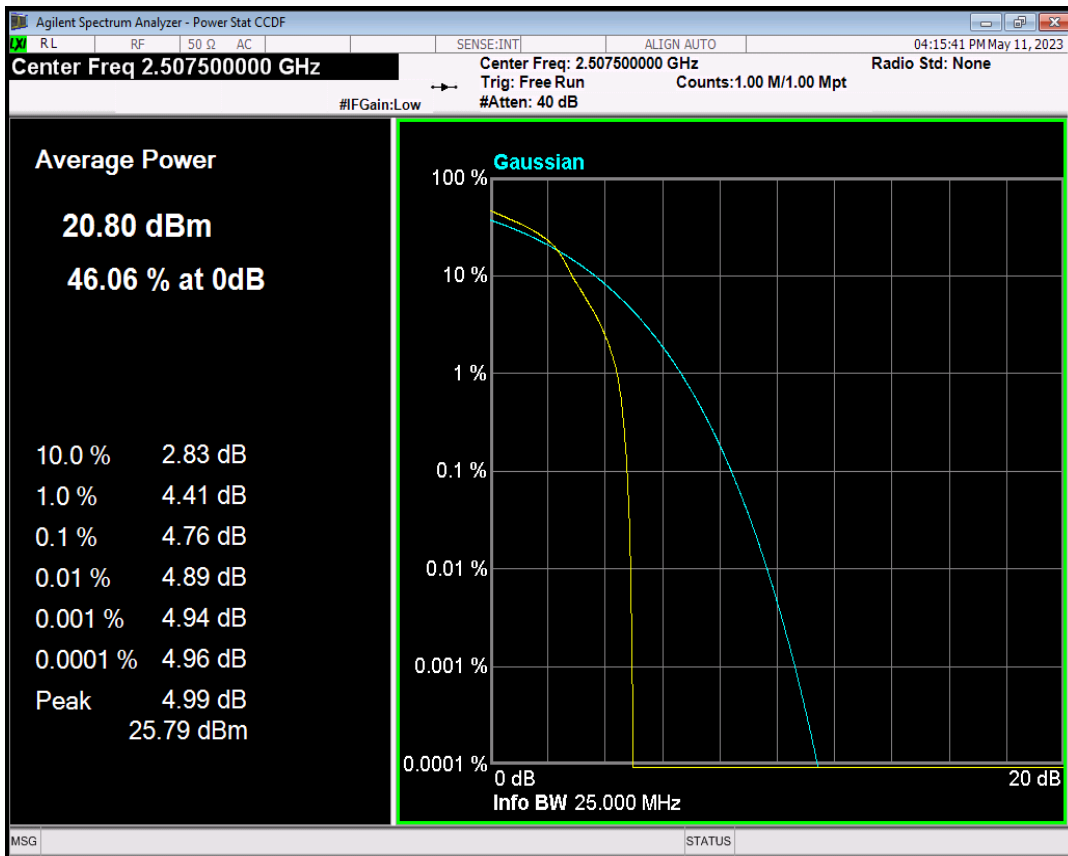
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0



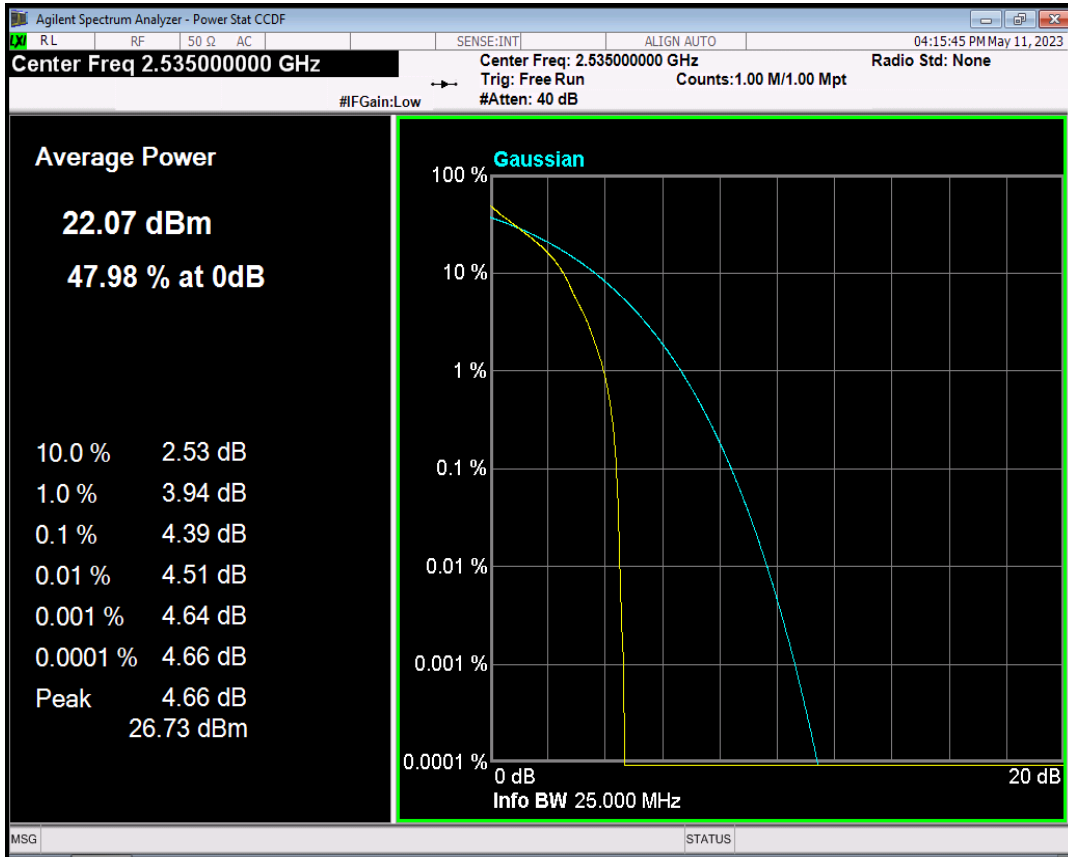
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



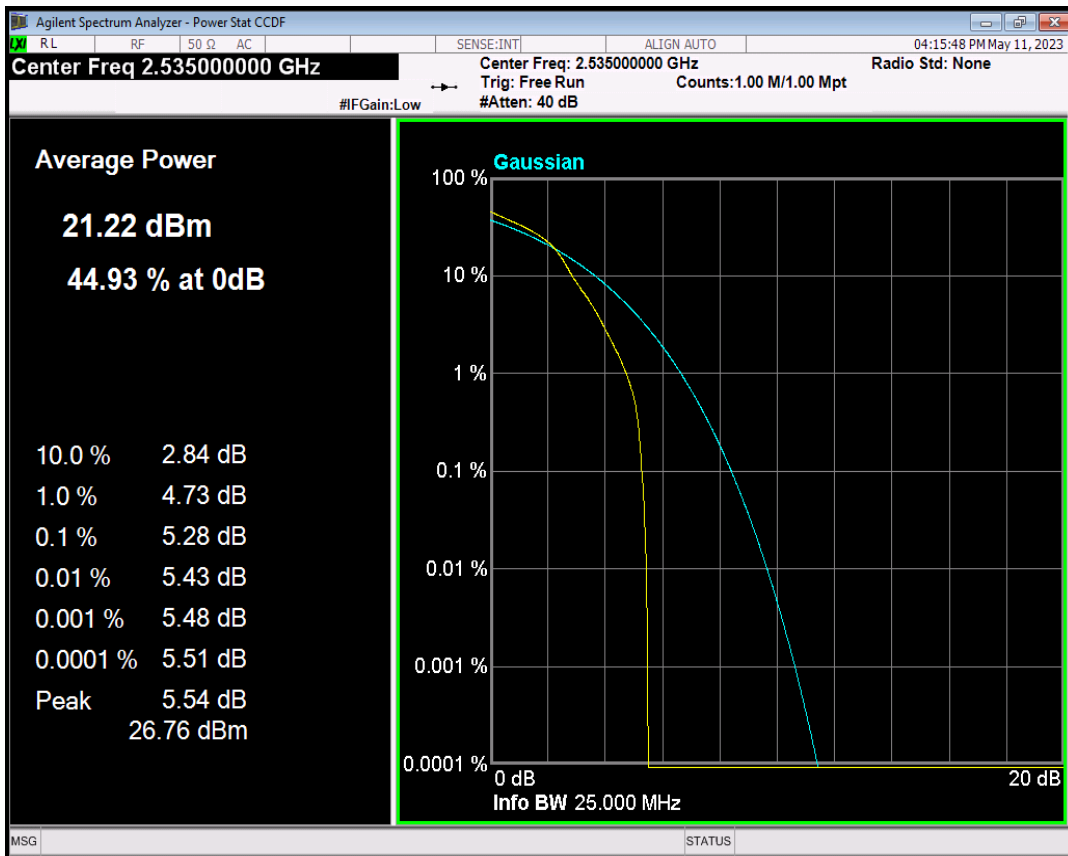
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0



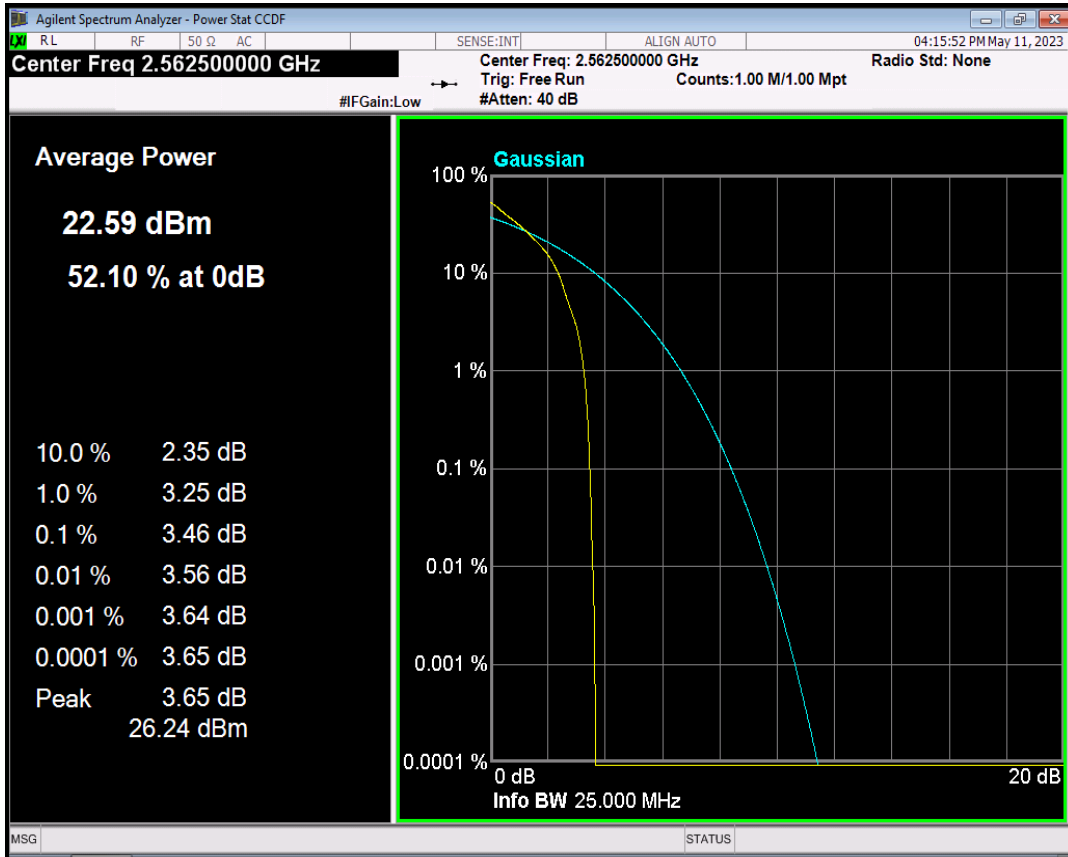
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



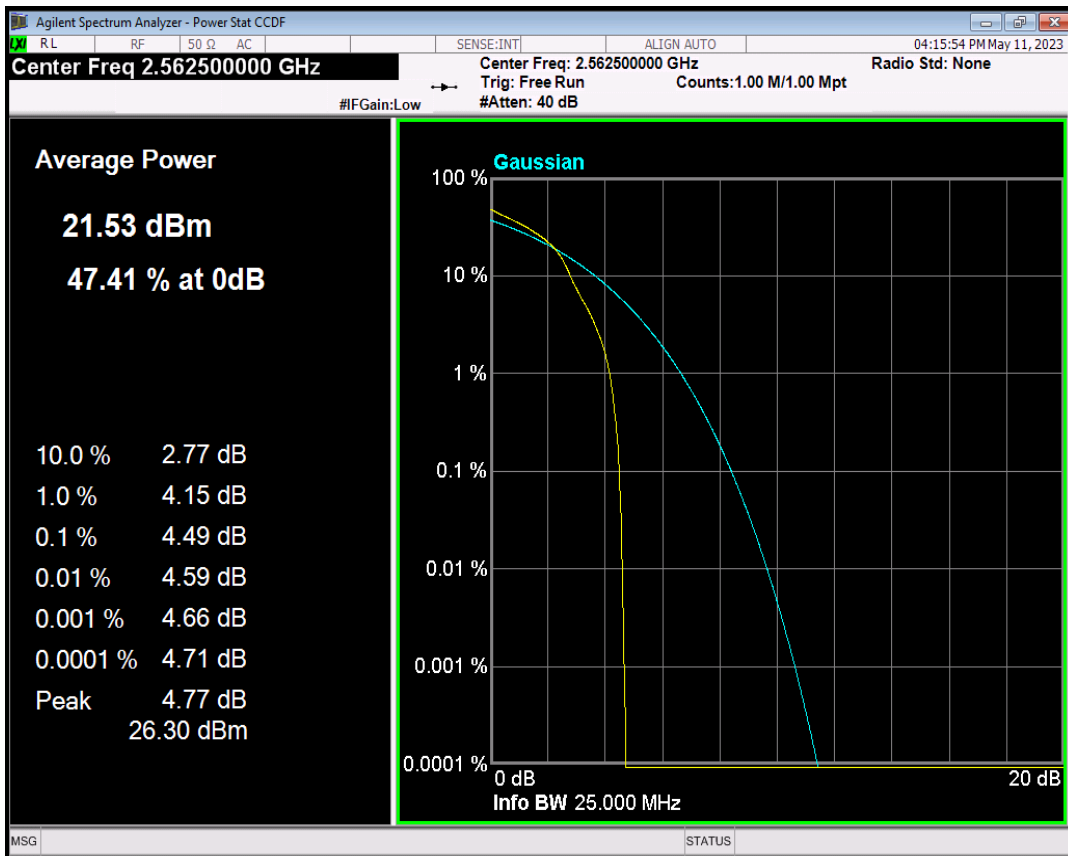
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



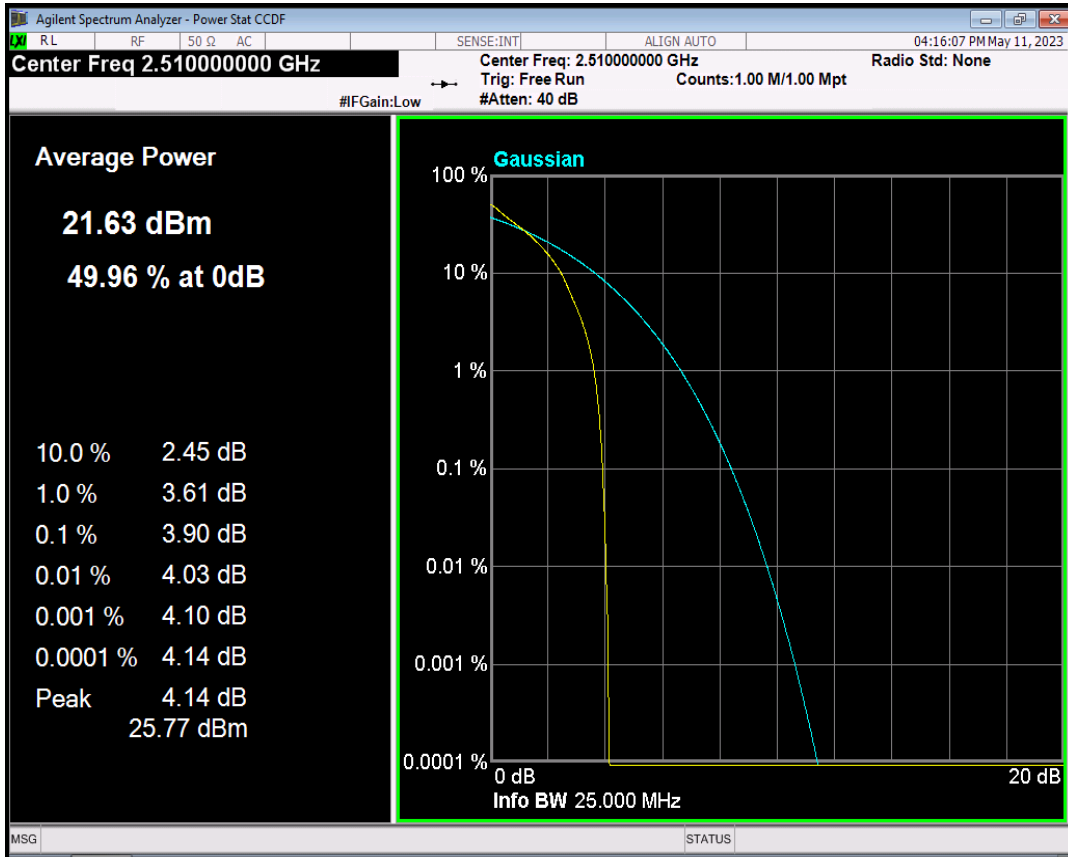
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



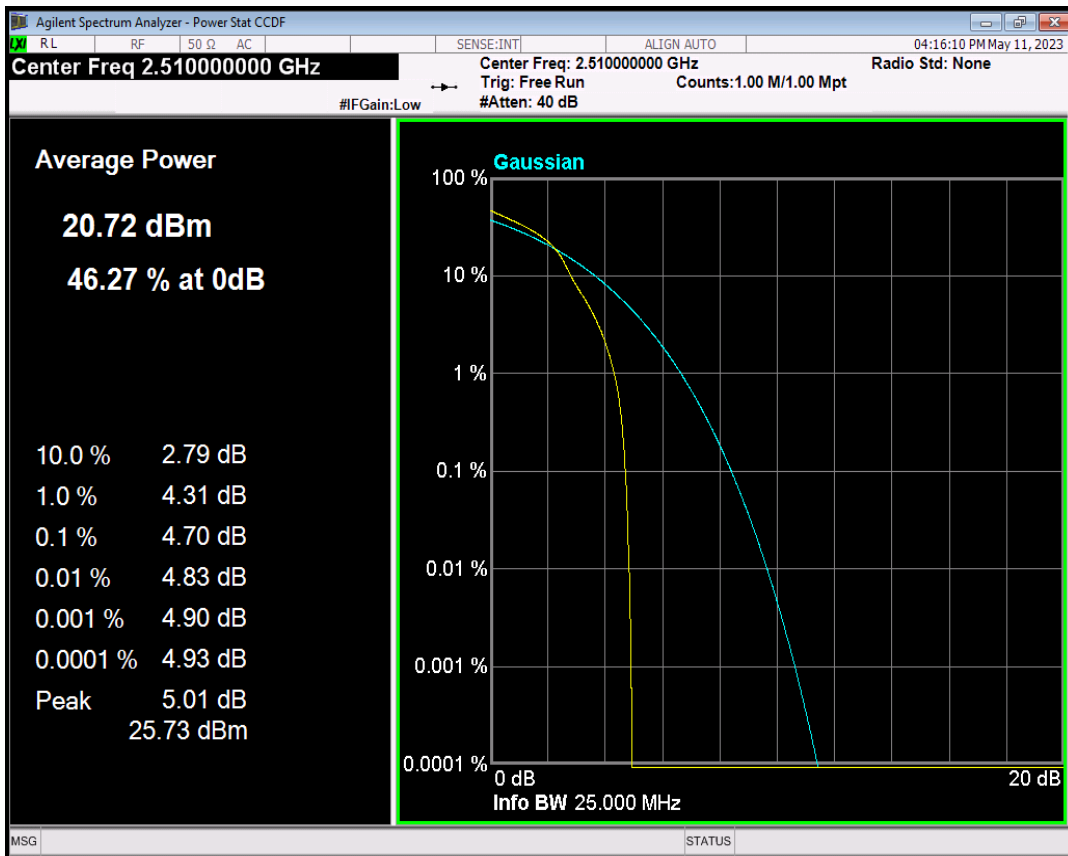
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0



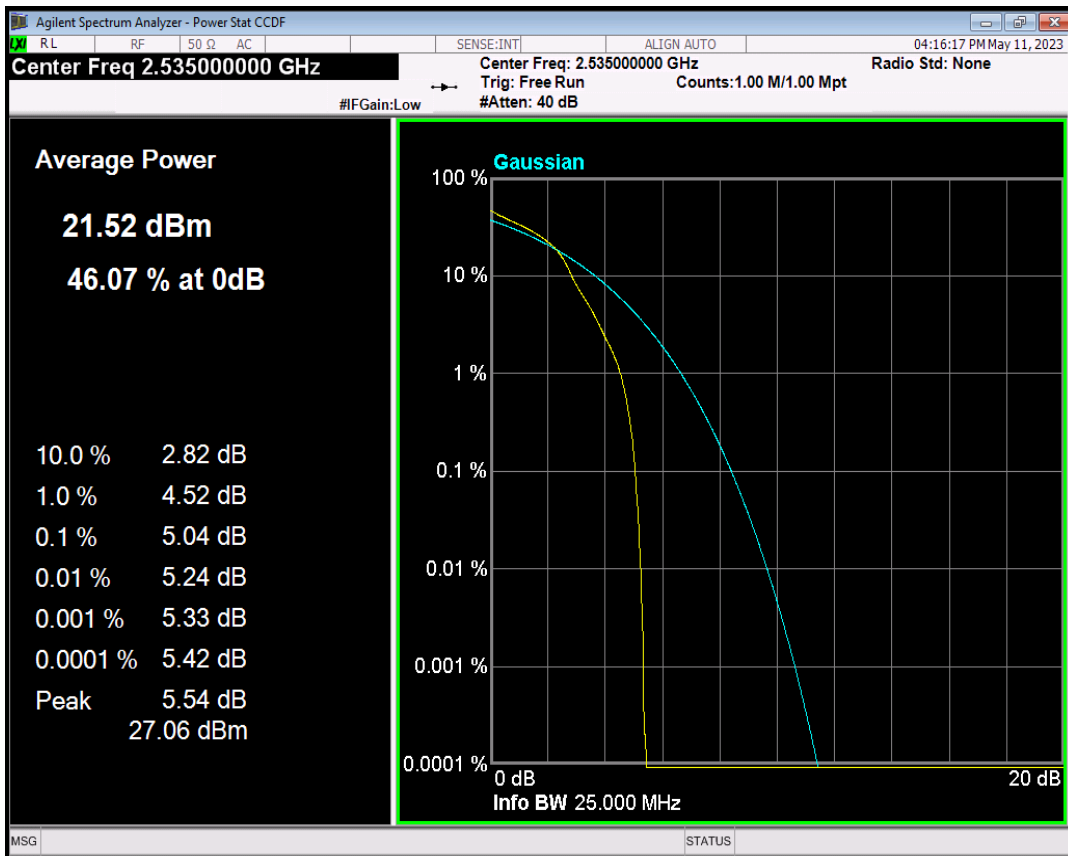
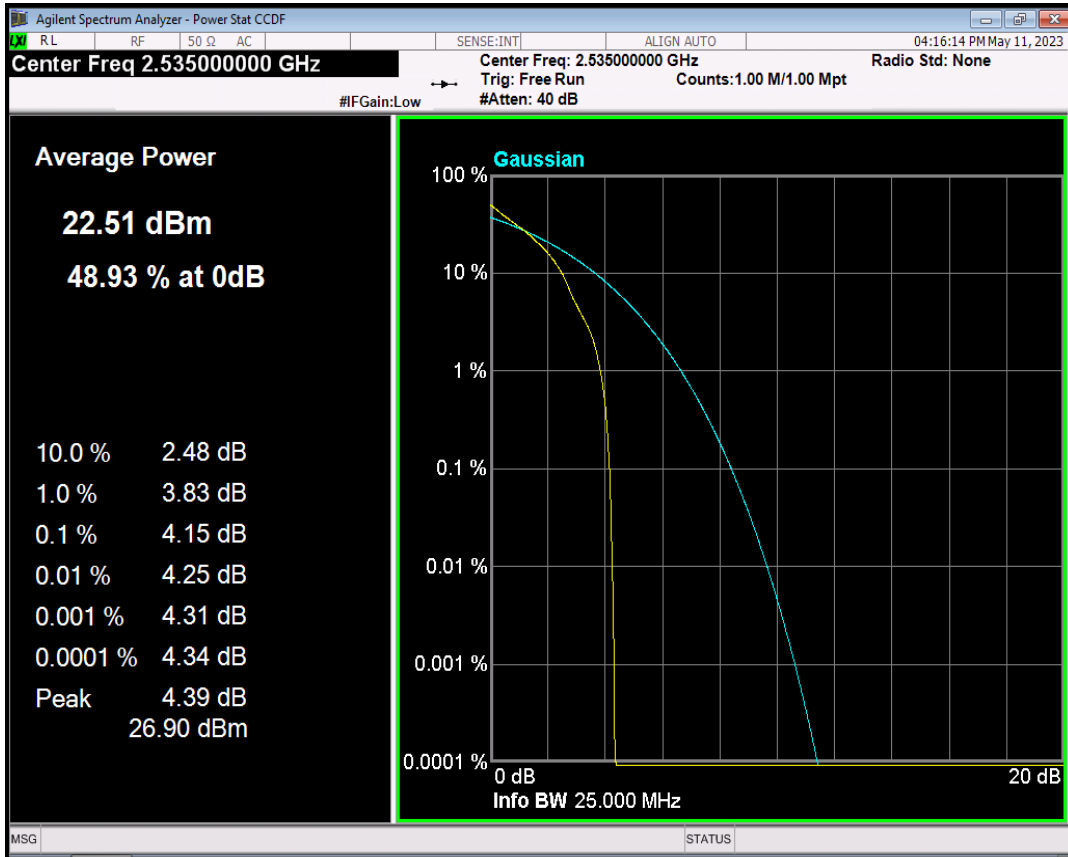
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0

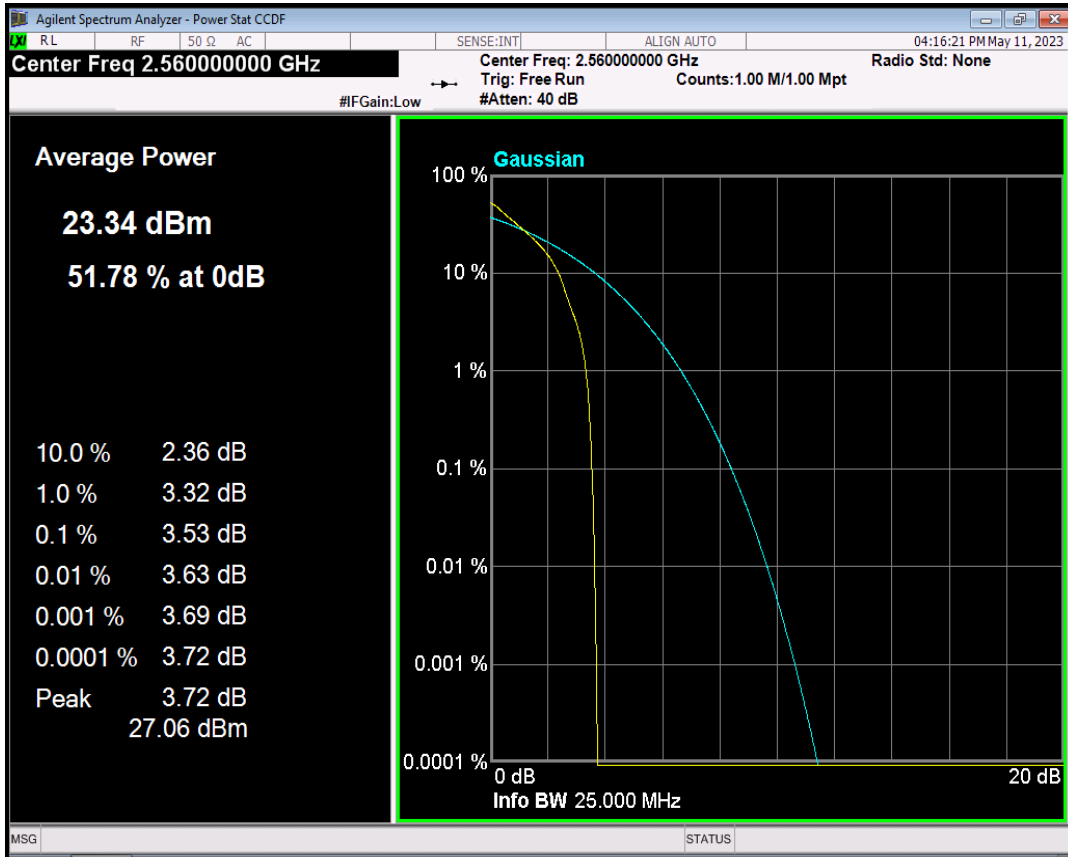


Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0

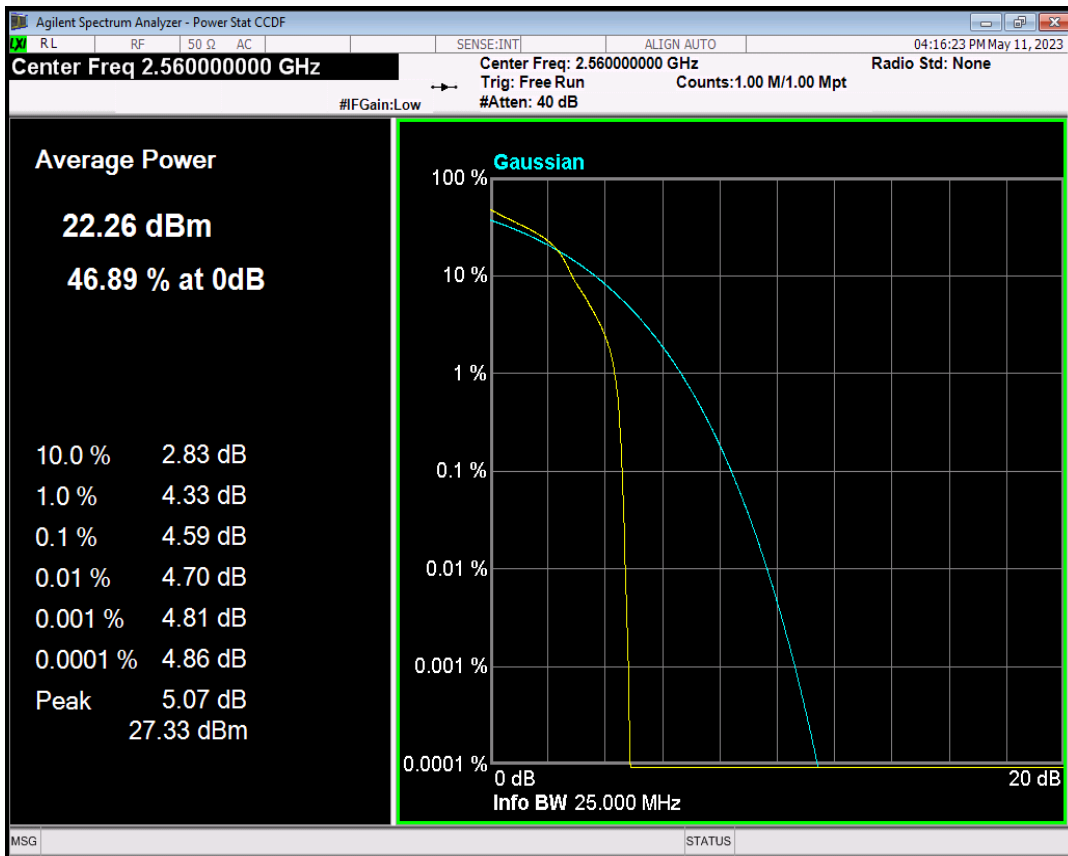


Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0





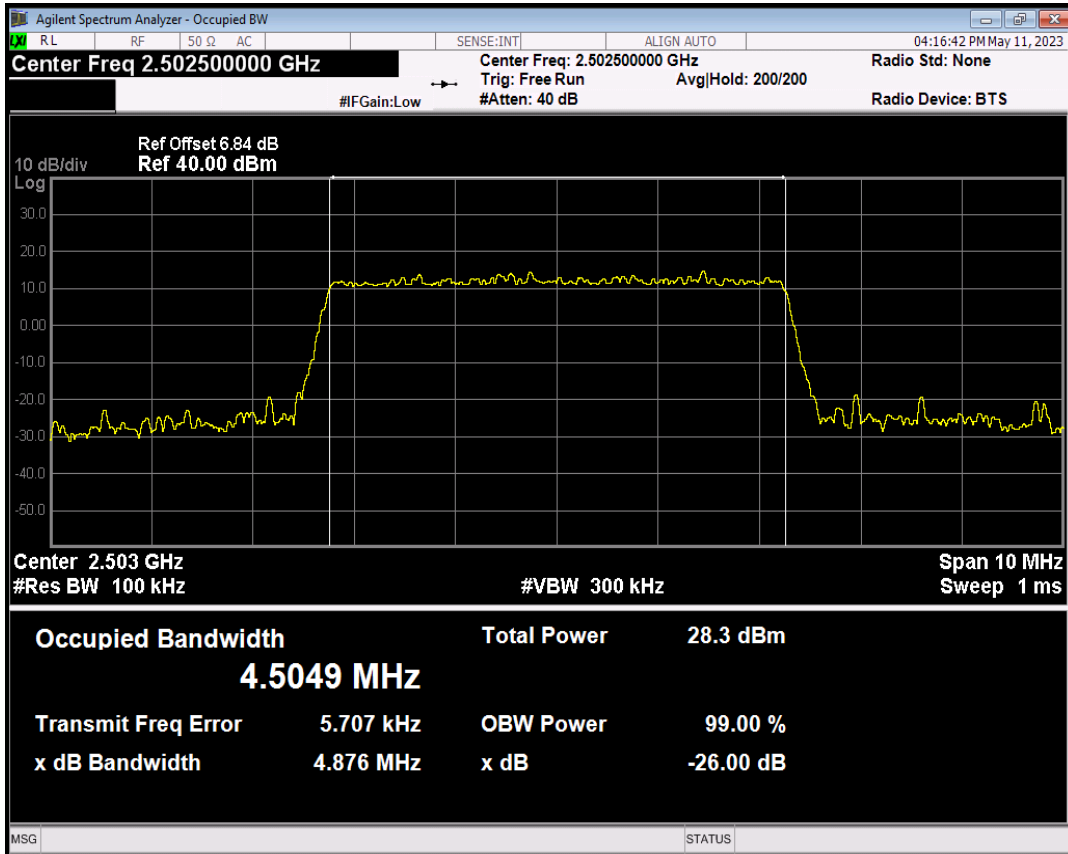
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0



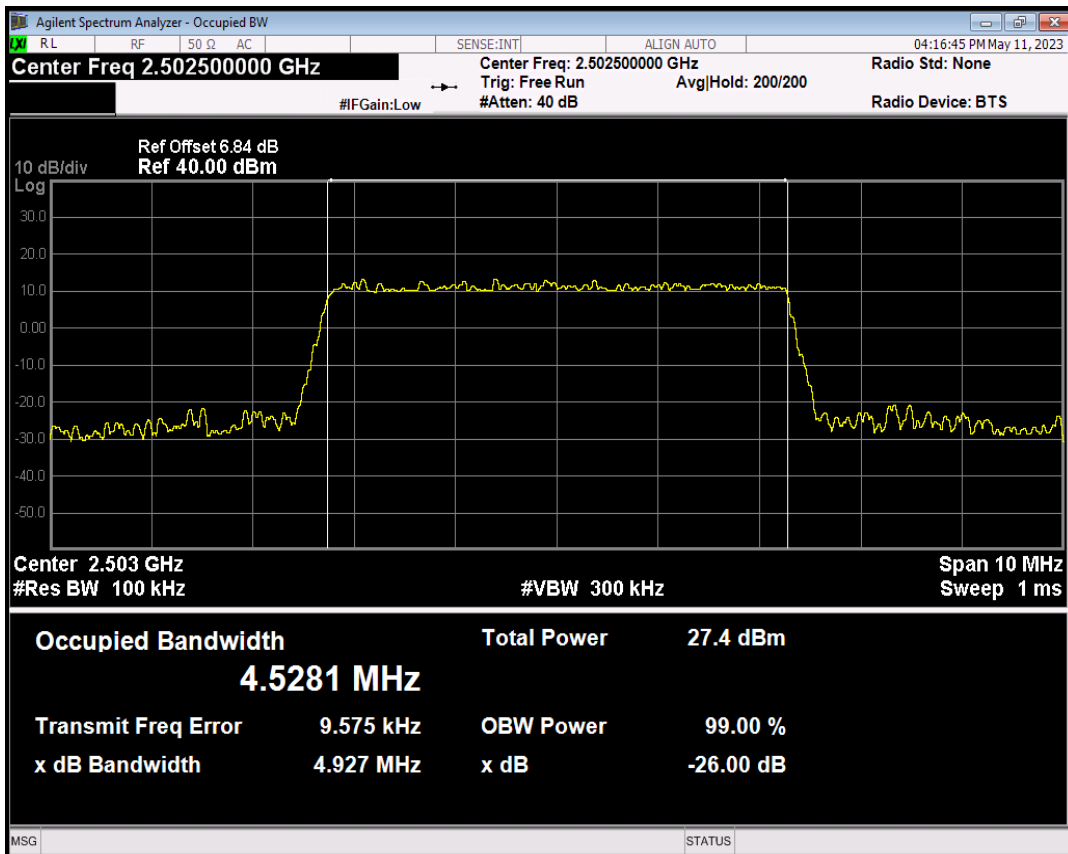
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band7	5	20775	25	#0	QPSK	4.505	4.876	PASS
Band7	5	20775	25	#0	16QAM	4.528	4.927	PASS
Band7	5	21100	25	#0	QPSK	4.502	4.897	PASS
Band7	5	21100	25	#0	16QAM	4.534	4.921	PASS
Band7	5	21425	25	#0	QPSK	4.519	4.910	PASS
Band7	5	21425	25	#0	16QAM	4.502	4.908	PASS
Band7	10	20800	50	#0	QPSK	8.985	9.655	PASS
Band7	10	20800	50	#0	16QAM	8.963	9.714	PASS
Band7	10	21100	50	#0	QPSK	8.984	9.696	PASS
Band7	10	21100	50	#0	16QAM	9.006	9.778	PASS
Band7	10	21400	50	#0	QPSK	8.979	9.683	PASS
Band7	10	21400	50	#0	16QAM	9.008	9.720	PASS
Band7	15	20825	75	#0	QPSK	13.450	14.441	PASS
Band7	15	20825	75	#0	16QAM	13.471	14.368	PASS
Band7	15	21100	75	#0	QPSK	13.460	14.529	PASS
Band7	15	21100	75	#0	16QAM	13.501	14.519	PASS
Band7	15	21375	75	#0	QPSK	13.473	14.570	PASS
Band7	15	21375	75	#0	16QAM	13.475	14.444	PASS
Band7	20	20850	100	#0	QPSK	17.975	19.299	PASS
Band7	20	20850	100	#0	16QAM	17.958	19.201	PASS
Band7	20	21100	100	#0	QPSK	17.970	19.254	PASS
Band7	20	21100	100	#0	16QAM	17.923	19.276	PASS
Band7	20	21350	100	#0	QPSK	17.924	19.322	PASS
Band7	20	21350	100	#0	16QAM	17.986	19.164	PASS

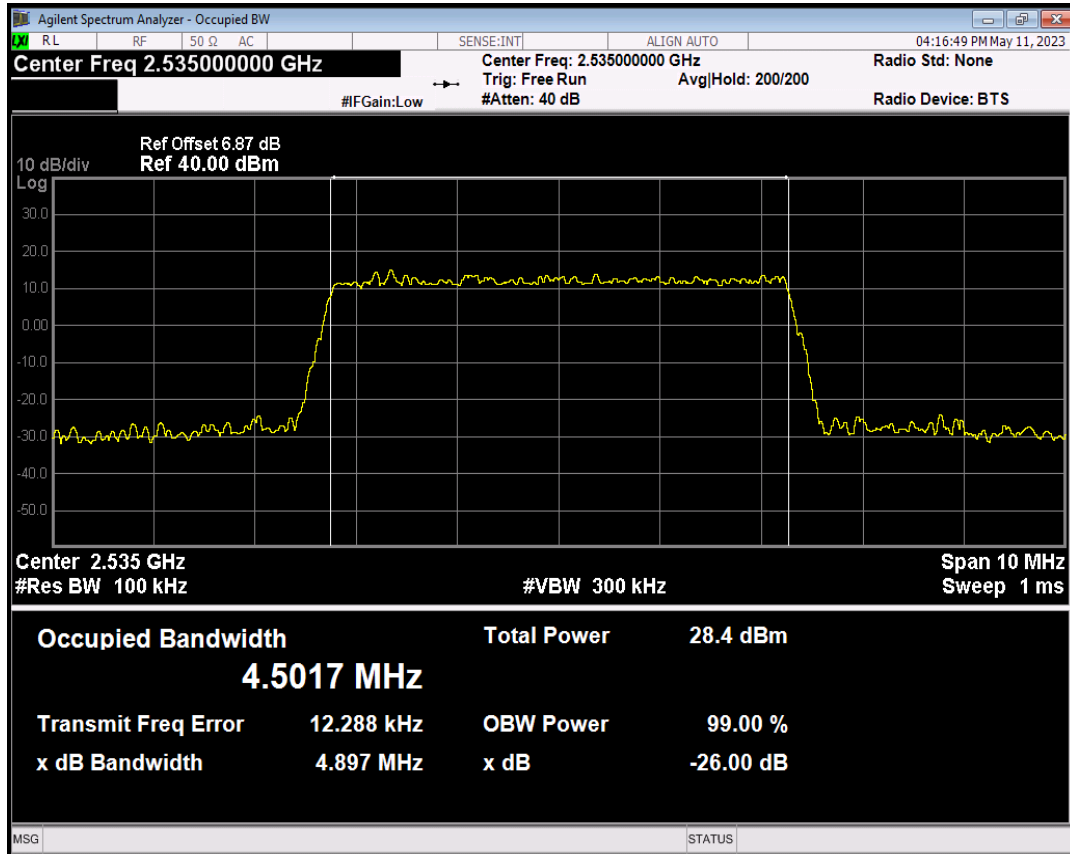
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



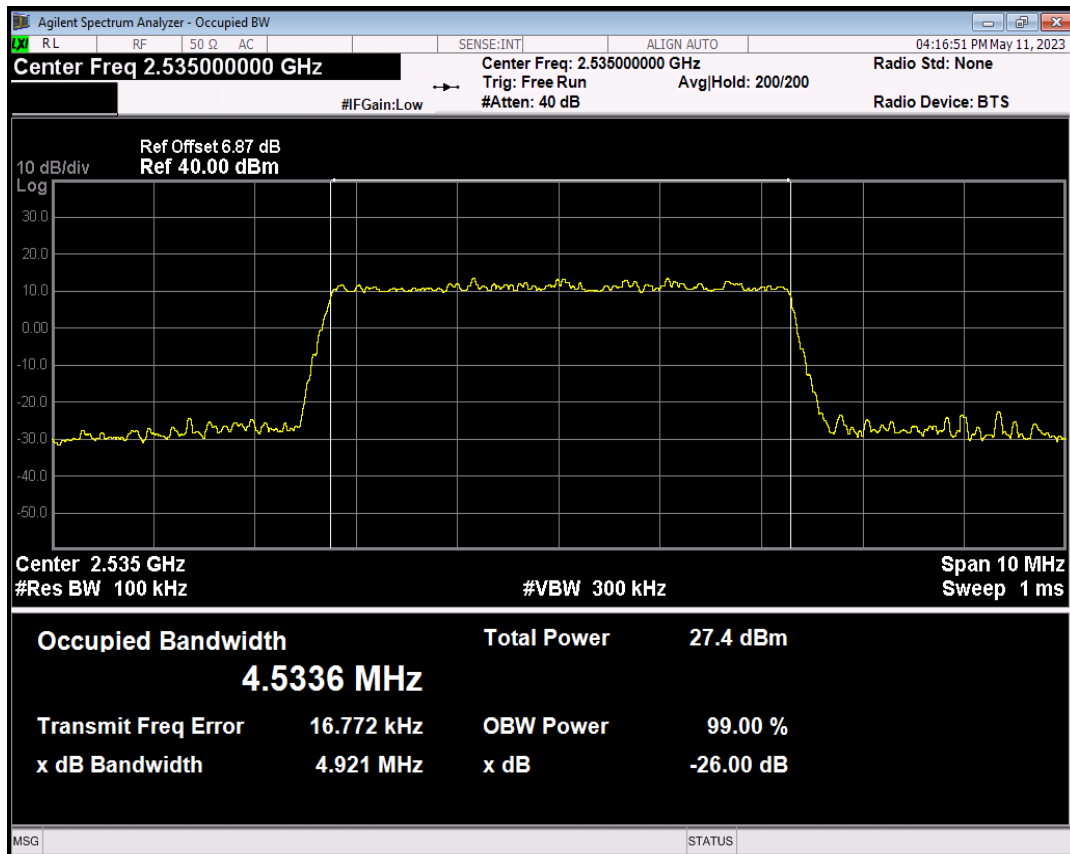
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



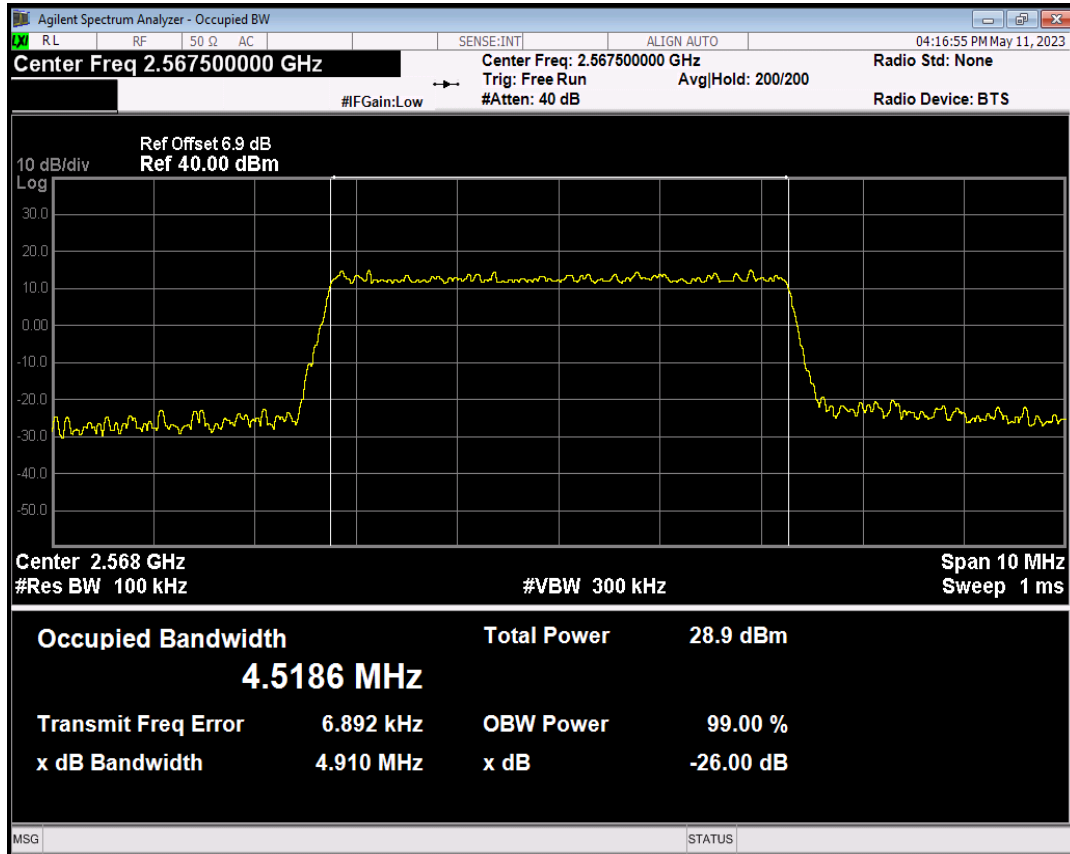
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



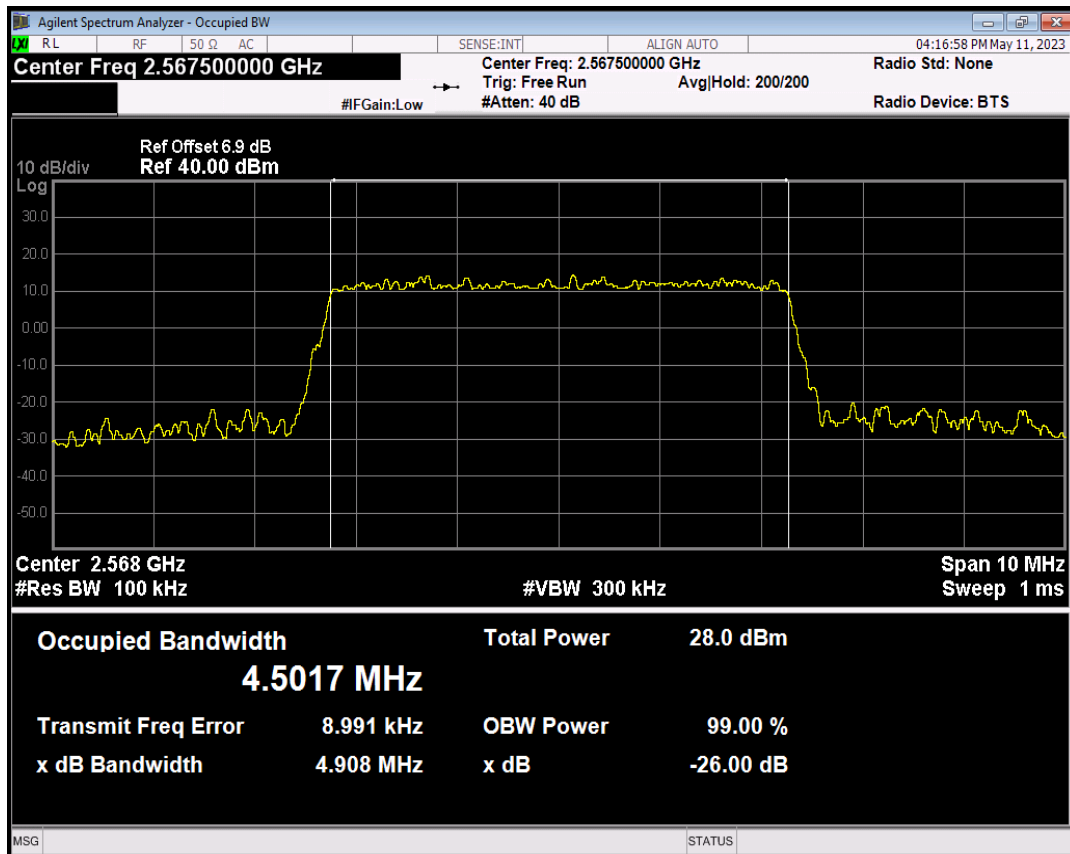
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



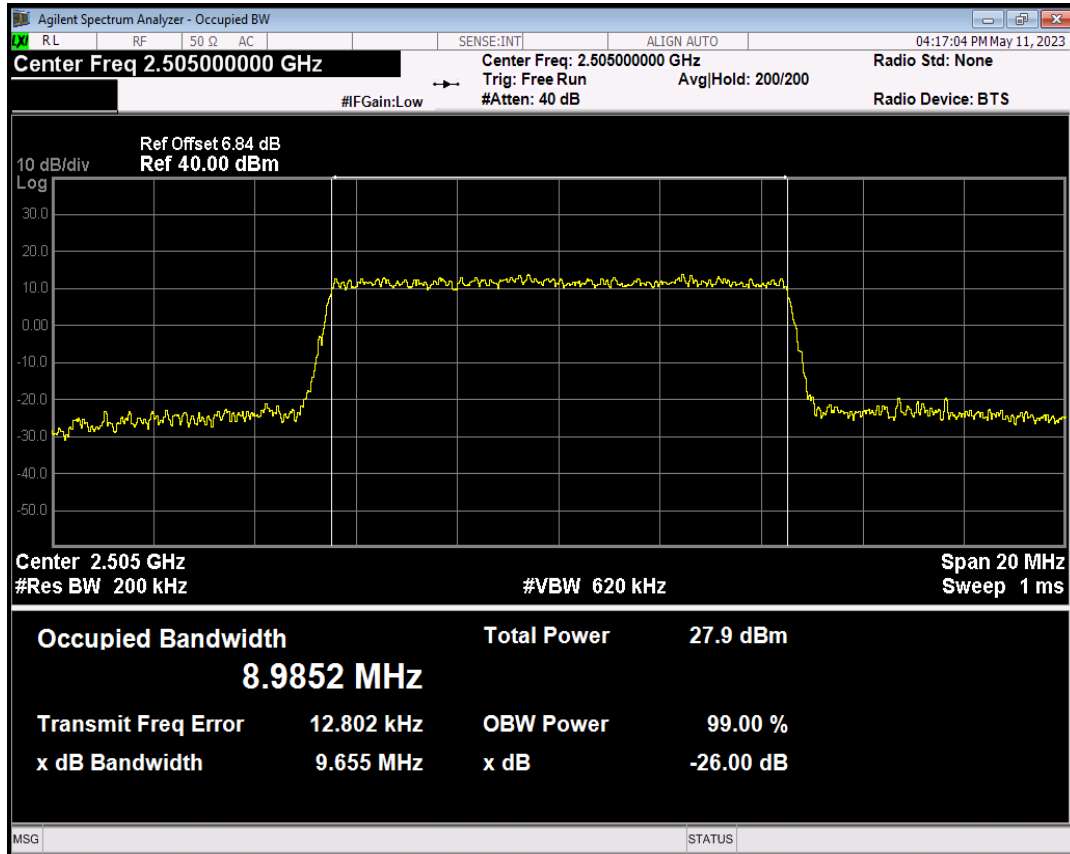
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



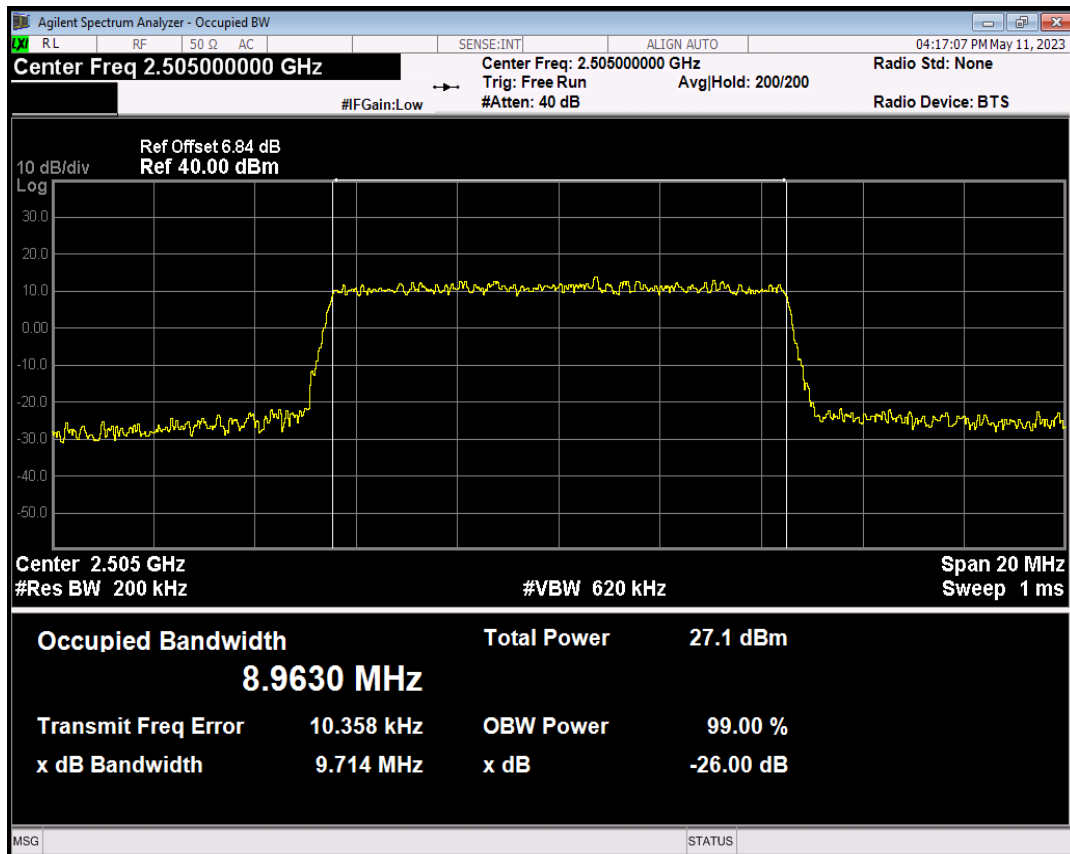
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



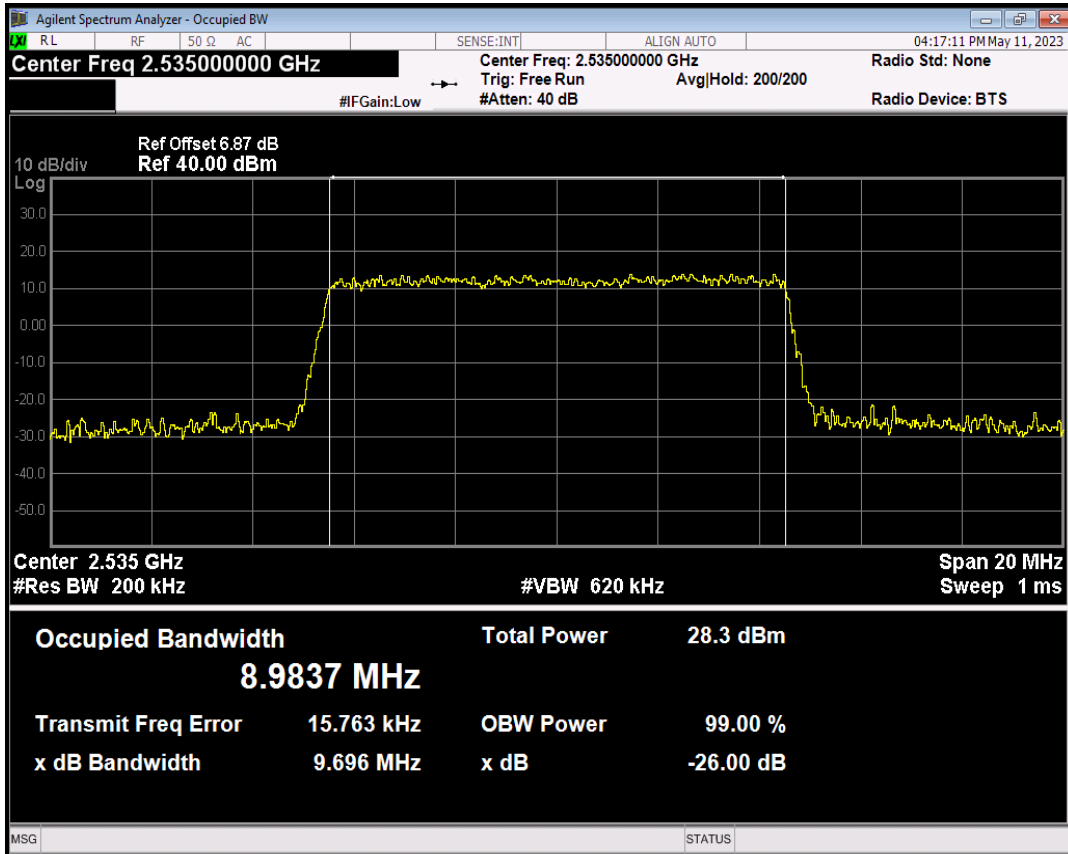
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



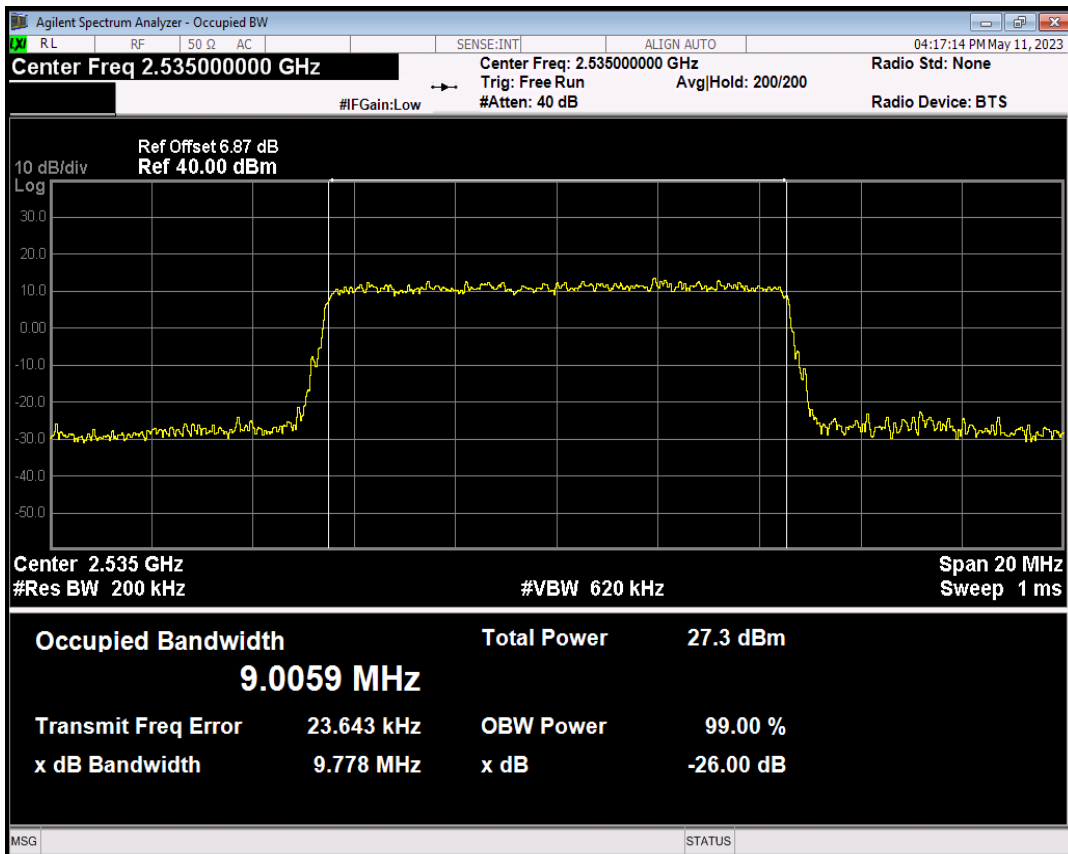
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



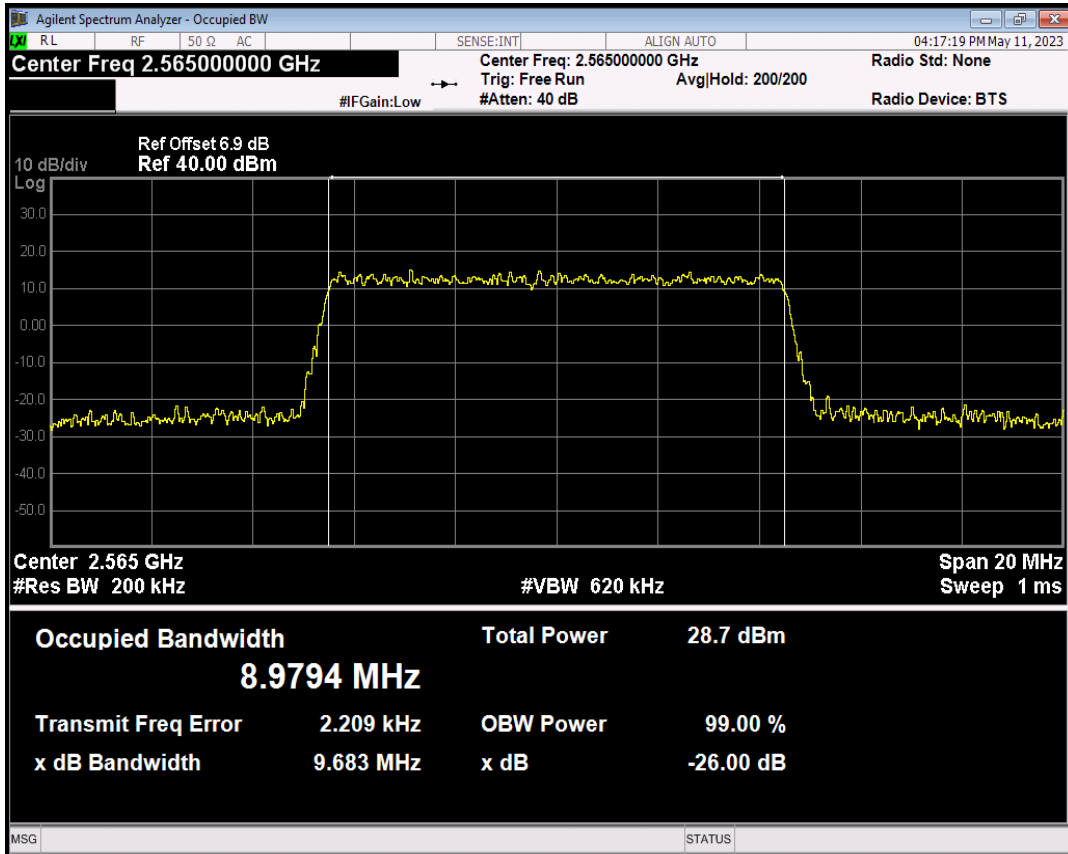
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



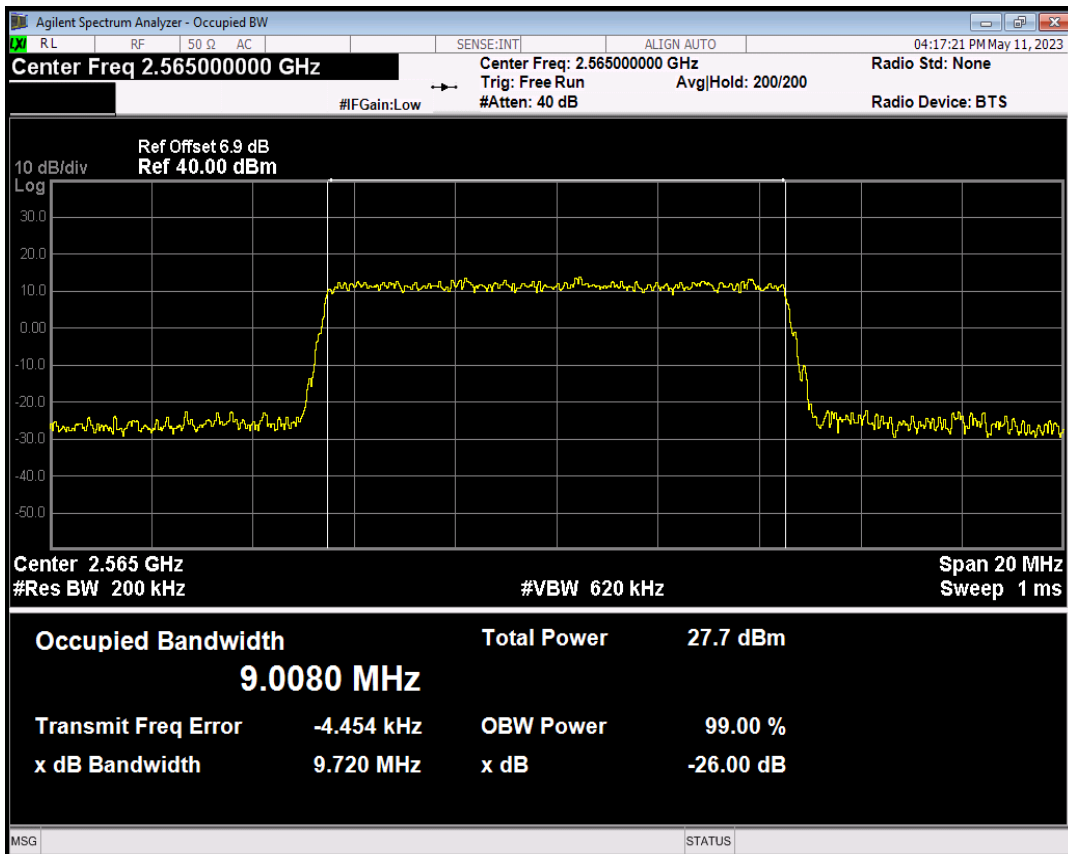
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



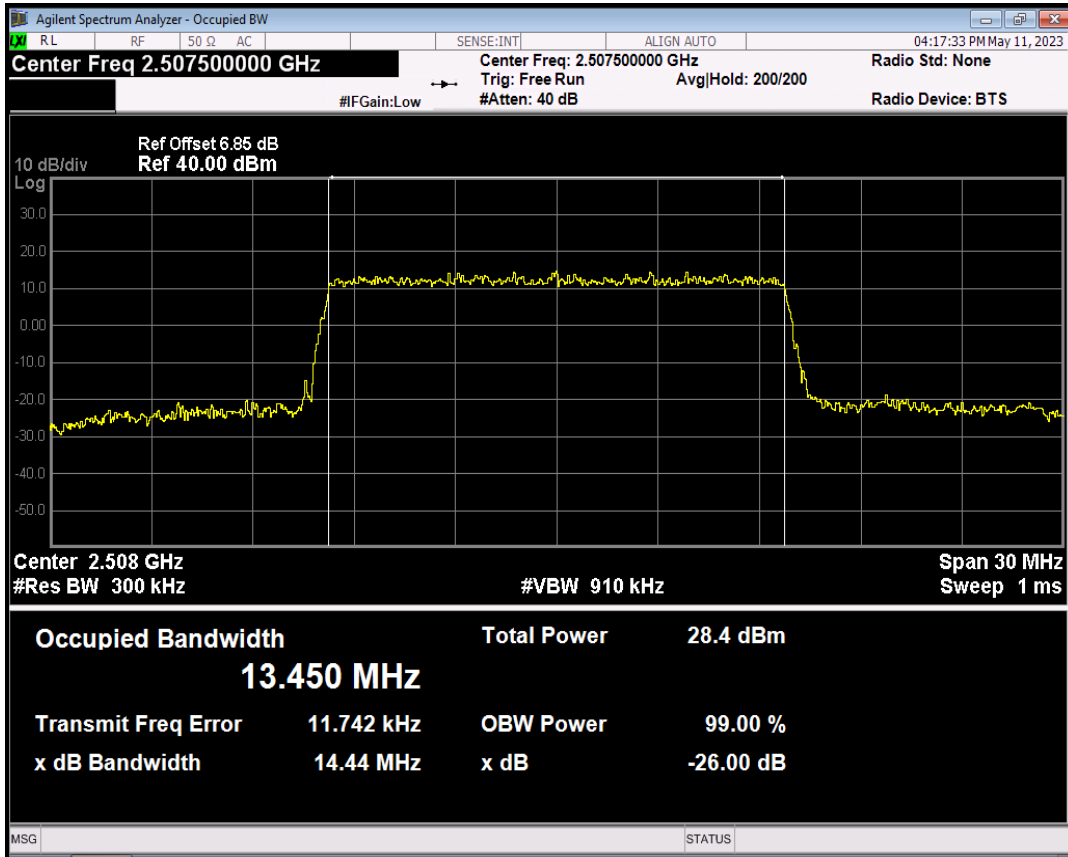
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



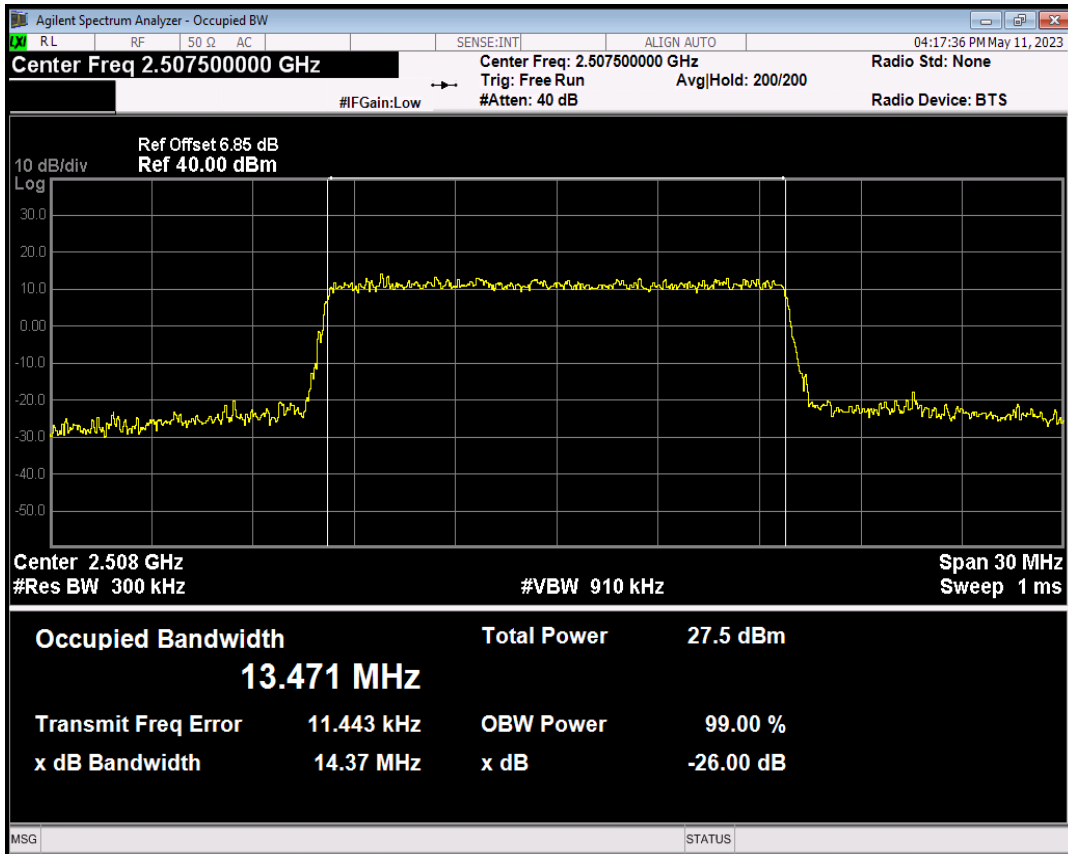
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



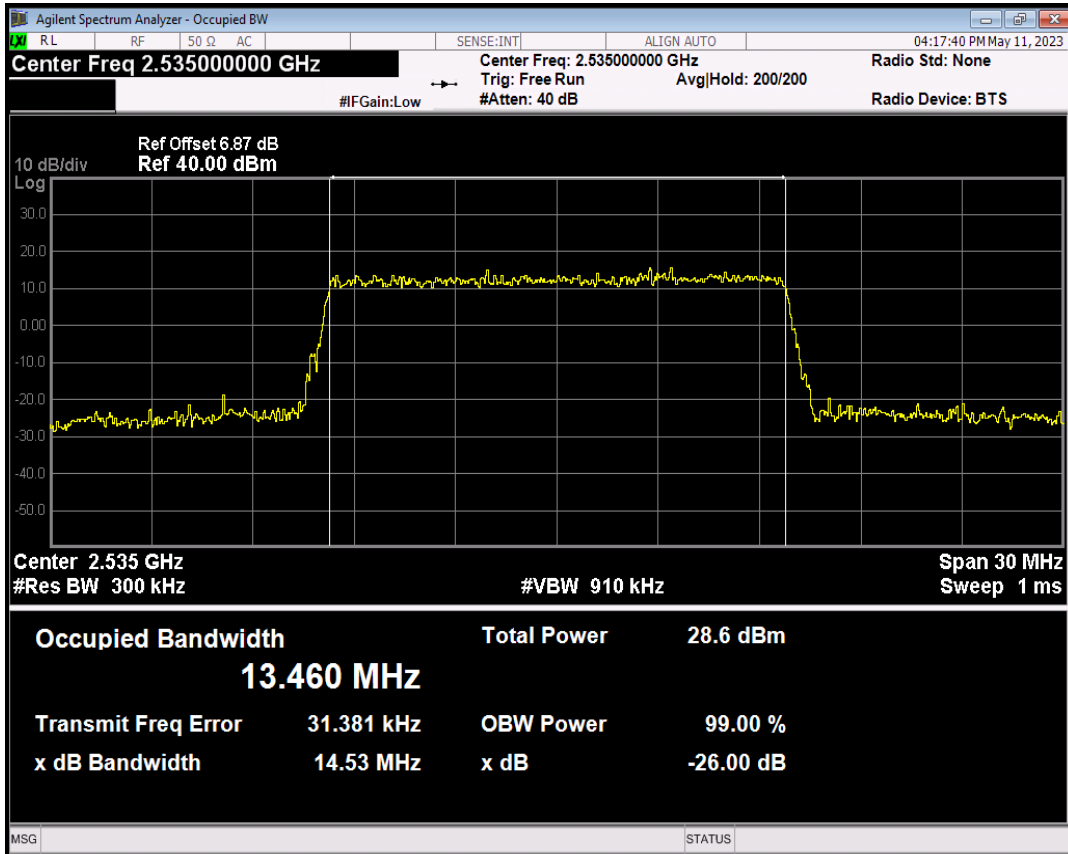
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



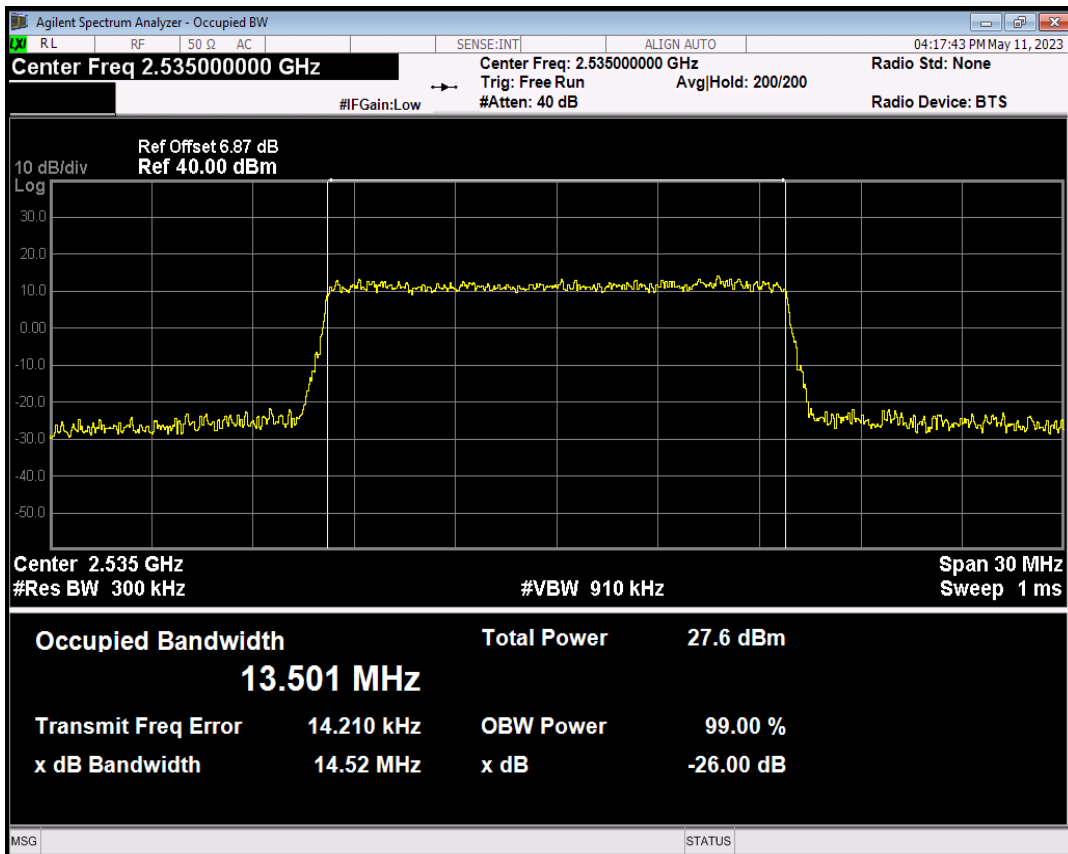
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



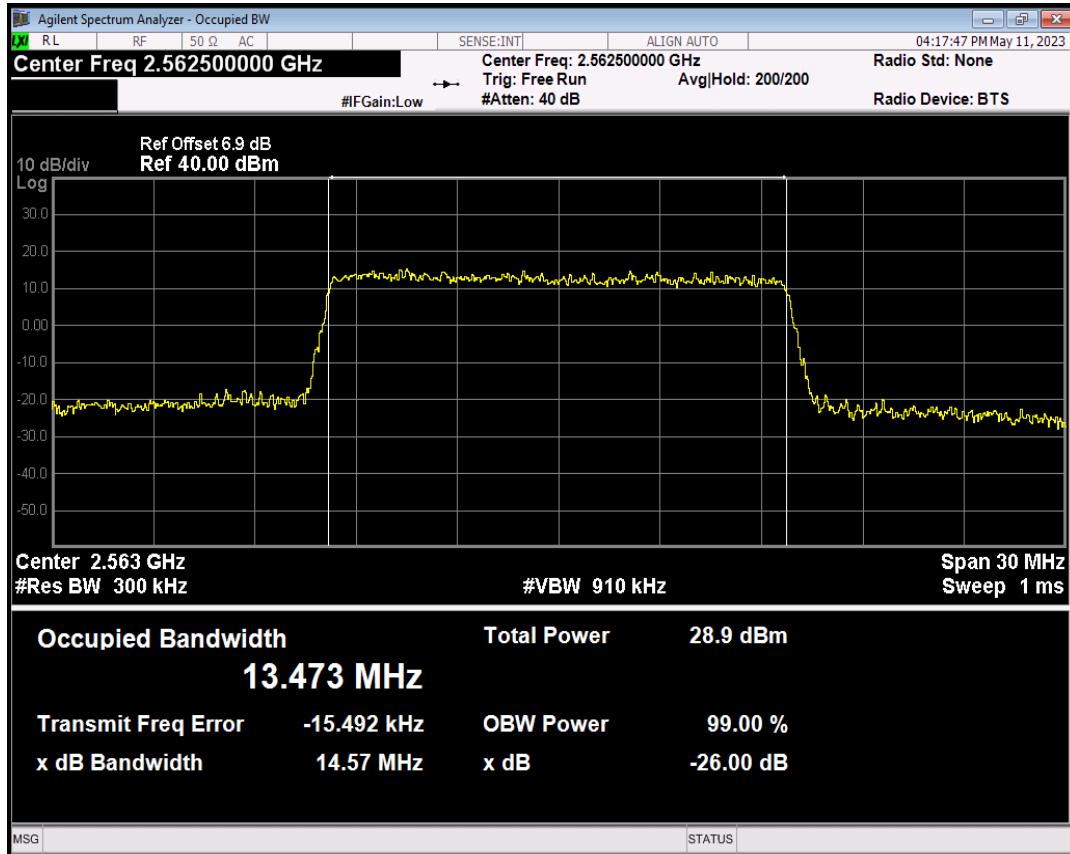
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



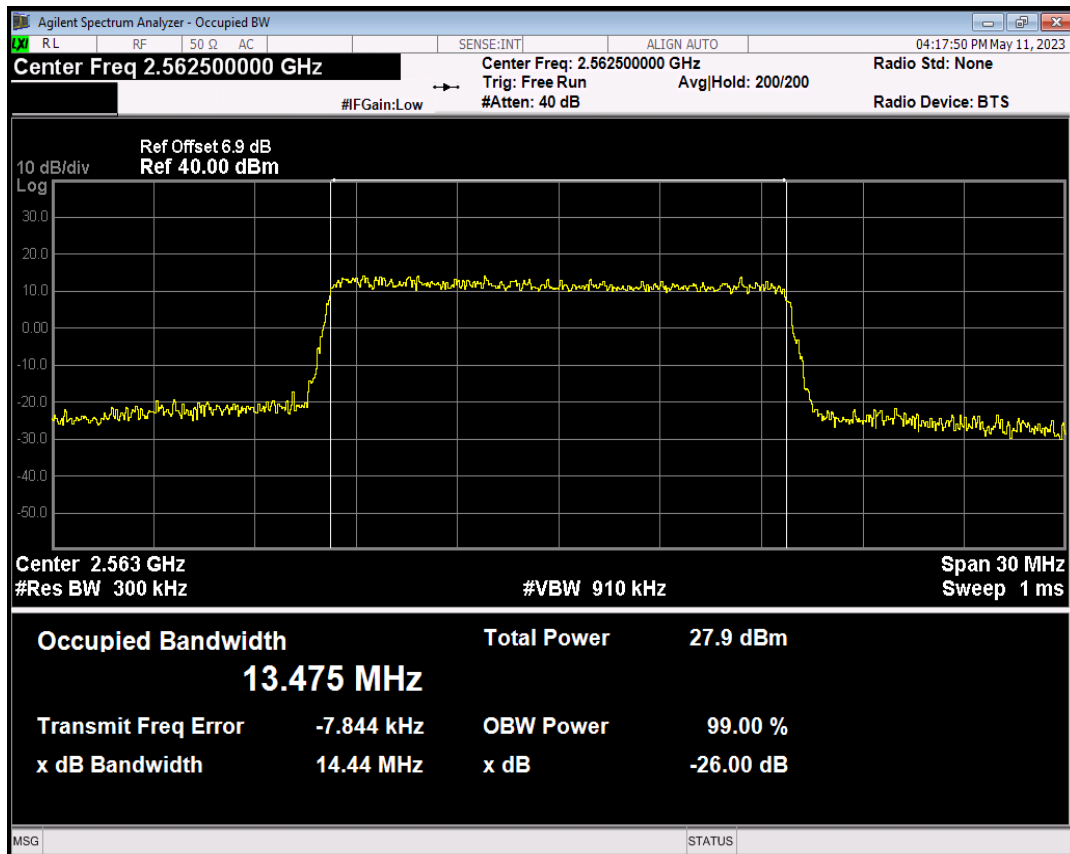
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



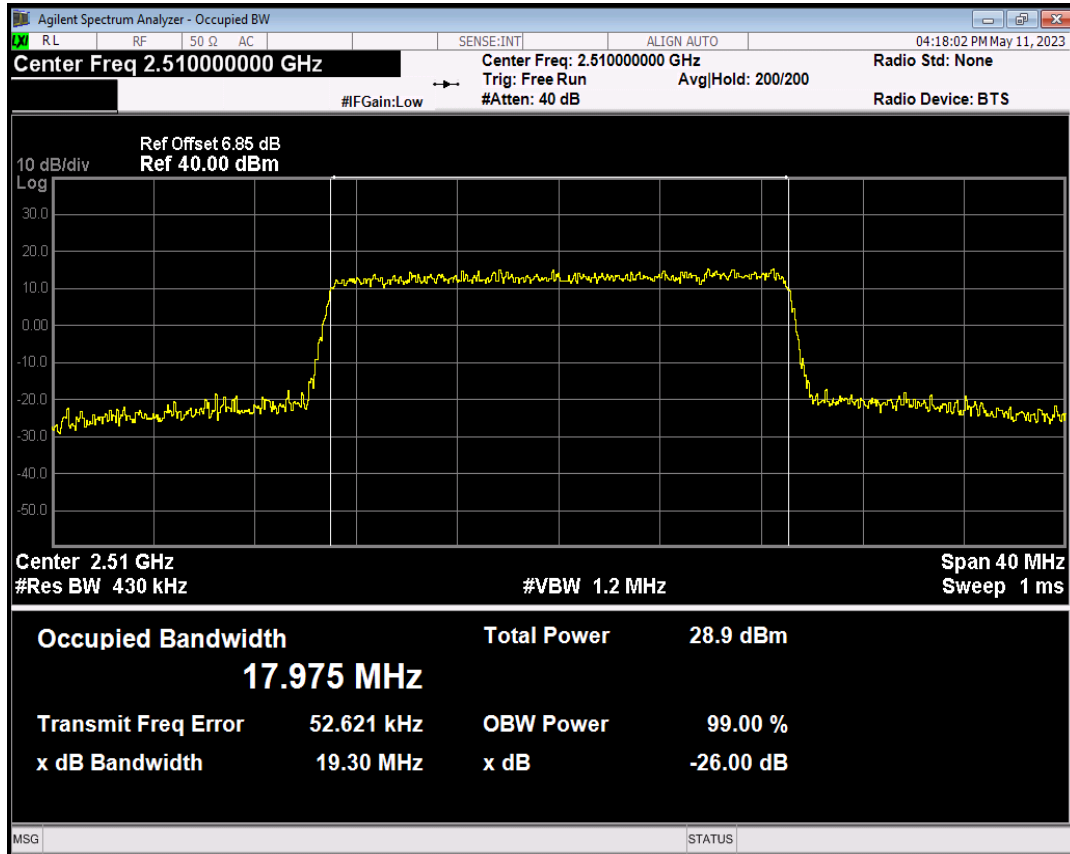
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



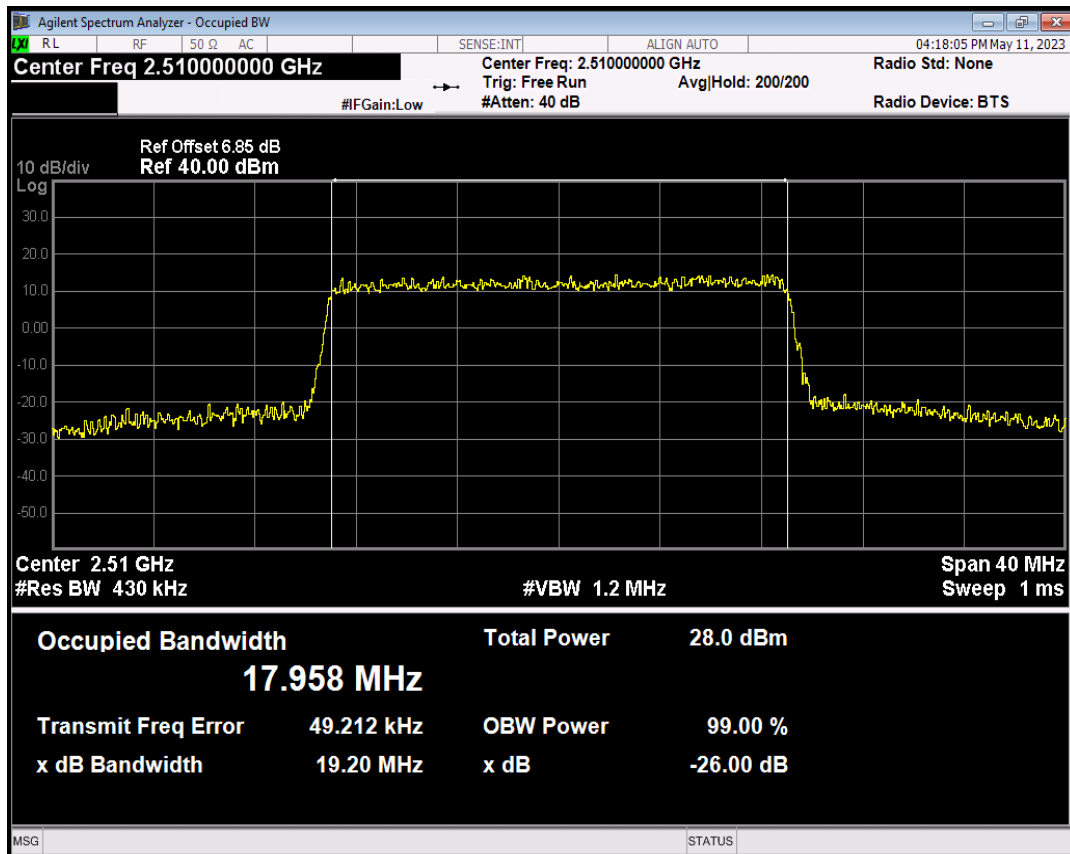
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



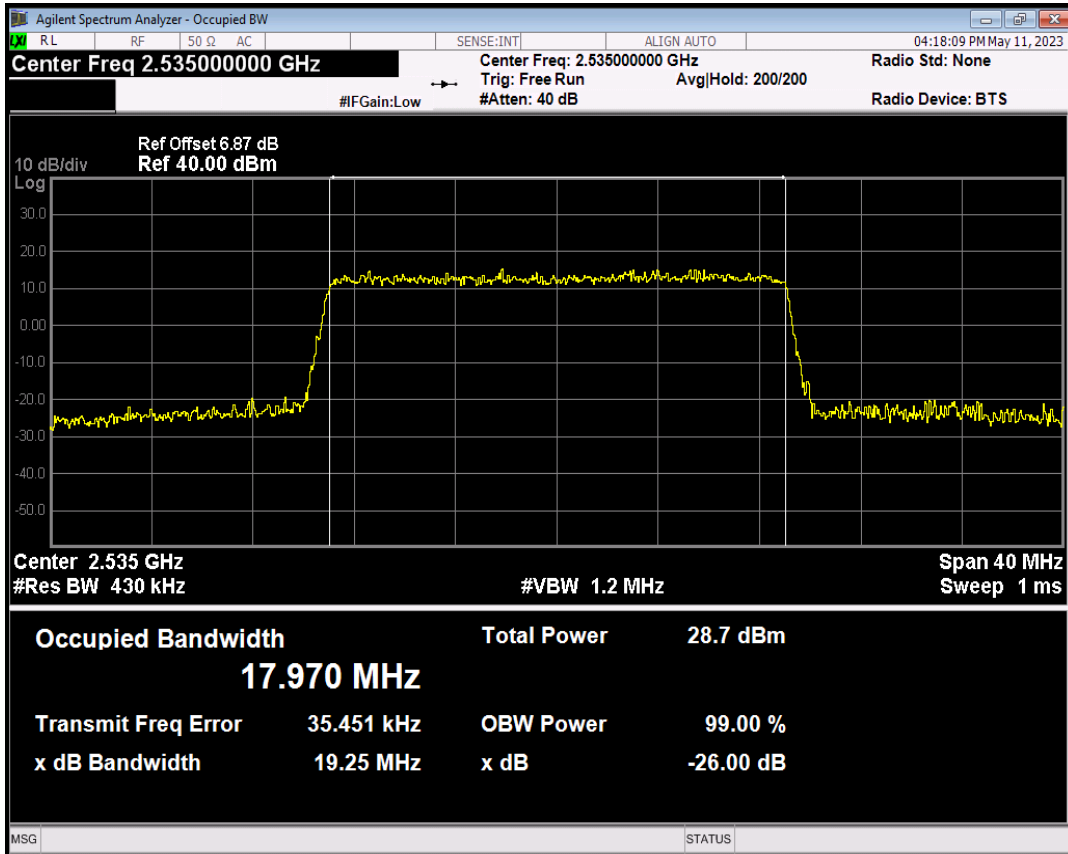
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



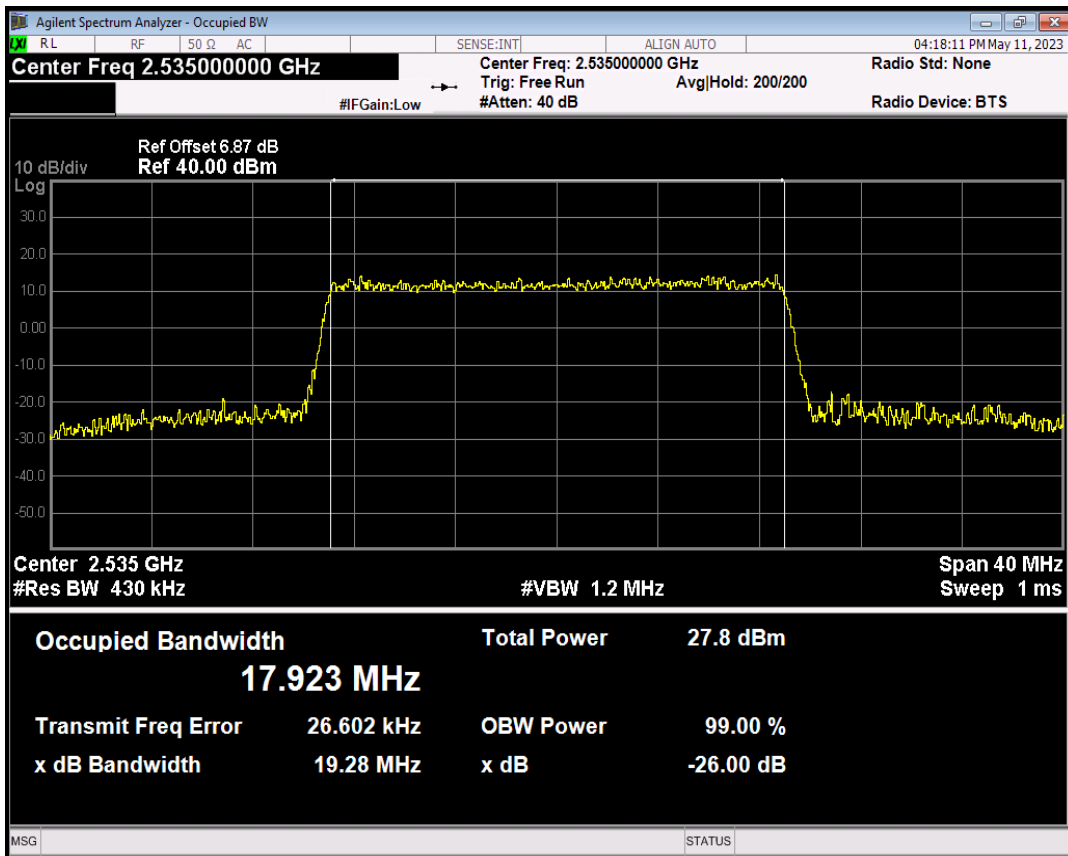
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



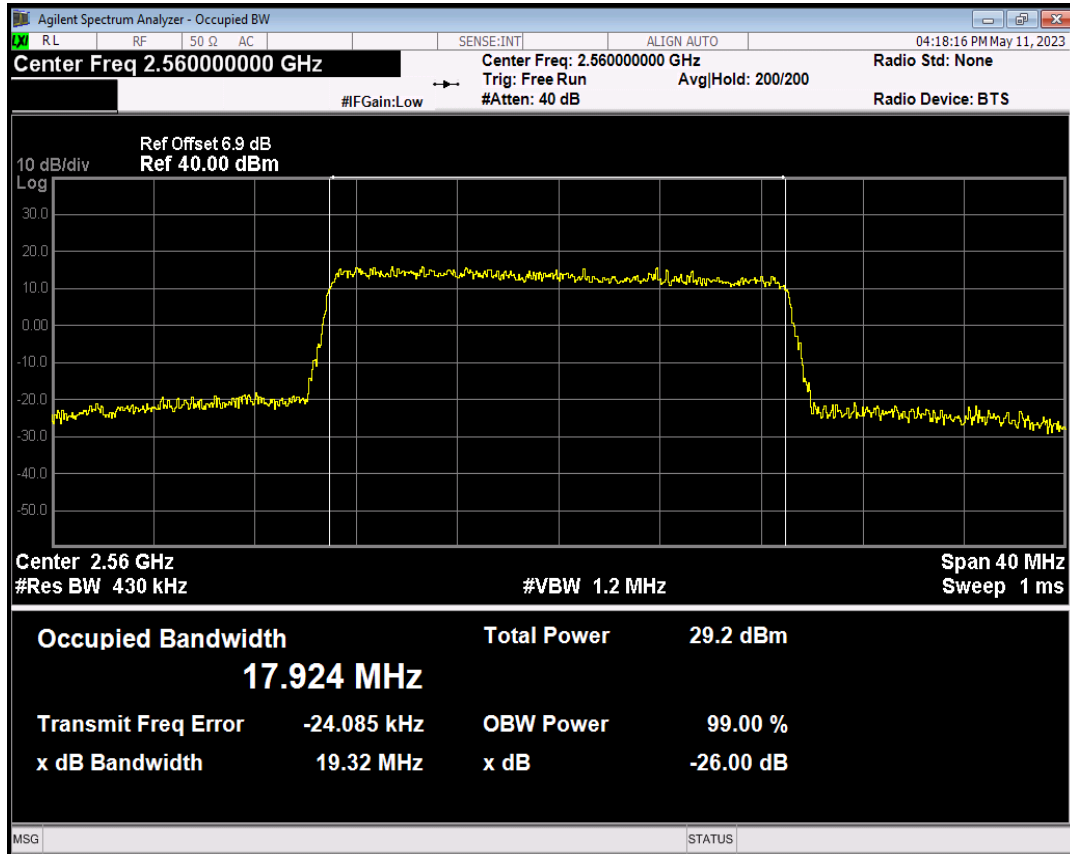
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



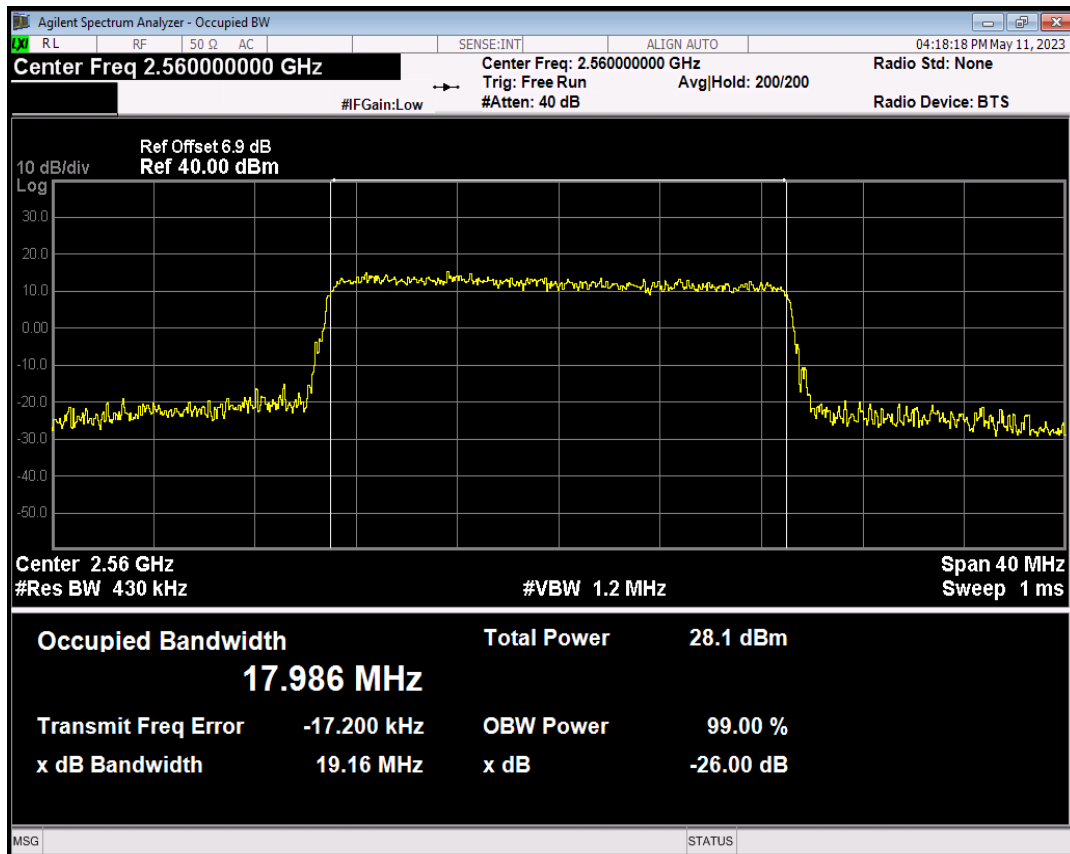
Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



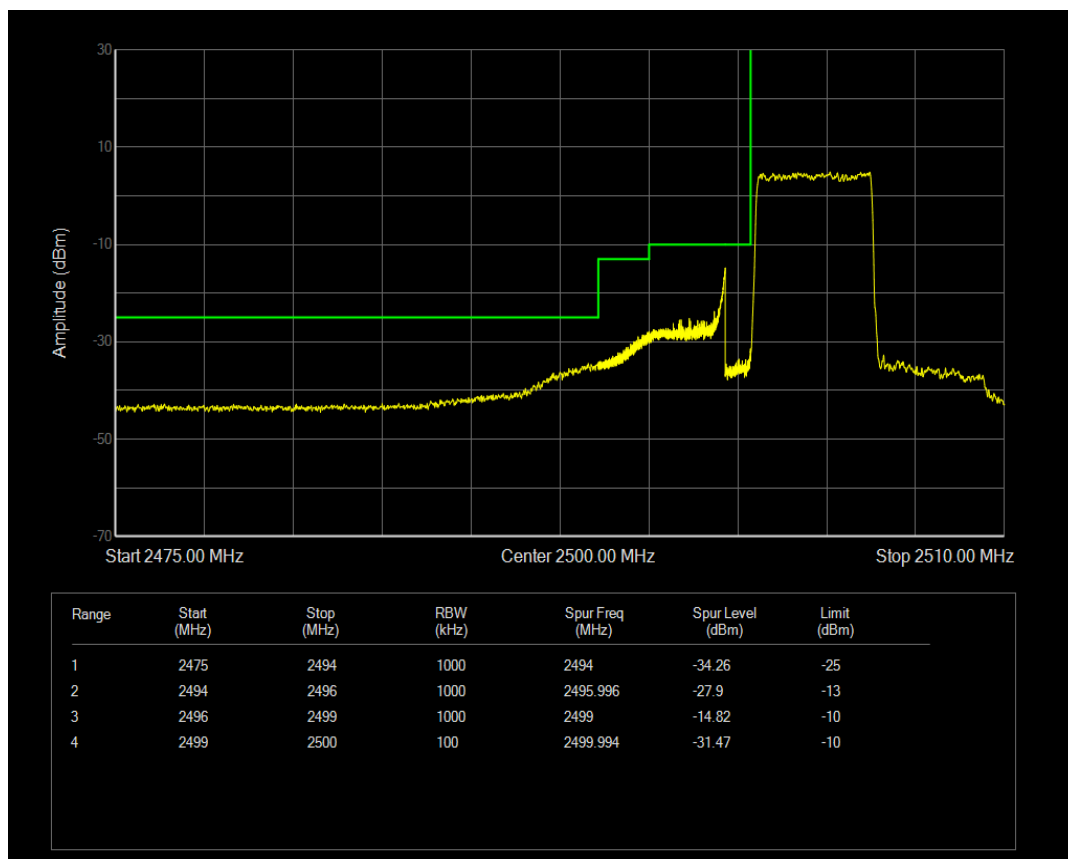
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0



Appendix 5. Band edge

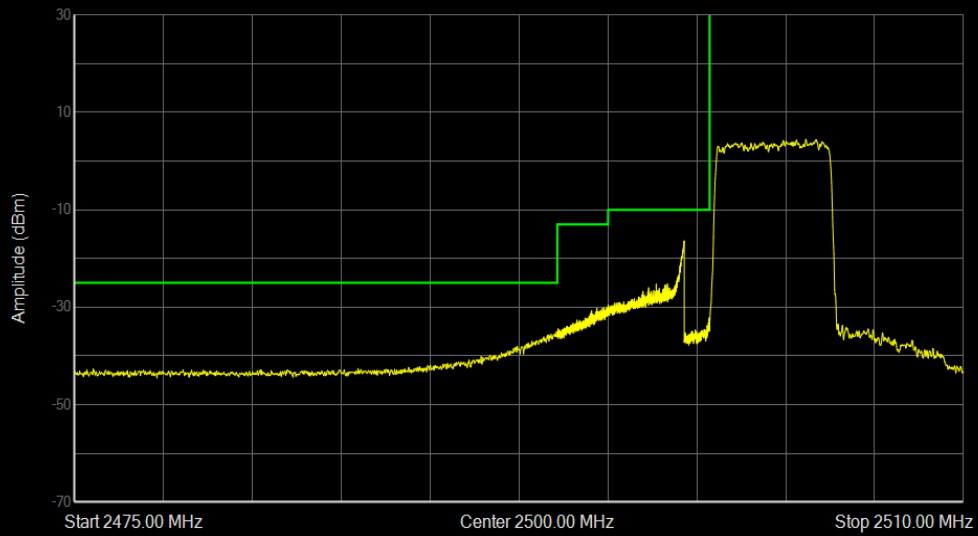
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	2499.00	-14.82	-10	PASS
Band7	5	20775	25	#0	16QAM	2499.00	-16.38	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.00	-14.78	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.00	-15.36	-10	PASS
Band7	10	20800	50	#0	QPSK	2489.79	-36.61	-25	PASS
Band7	10	20800	50	#0	16QAM	2489.60	-37.09	-25	PASS
Band7	10	21400	50	#0	QPSK	2580.09	-34.66	-25	PASS
Band7	10	21400	50	#0	16QAM	2580.50	-34.34	-25	PASS
Band7	15	20825	75	#0	QPSK	2484.75	-38.06	-25	PASS
Band7	15	20825	75	#0	16QAM	2484.81	-39.07	-25	PASS
Band7	15	21375	75	#0	QPSK	2585.14	-35.65	-25	PASS
Band7	15	21375	75	#0	16QAM	2585.18	-35.83	-25	PASS
Band7	20	20850	100	#0	QPSK	2495.81	-28.62	-13	PASS
Band7	20	20850	100	#0	16QAM	2479.76	-41.64	-25	PASS
Band7	20	21350	100	#0	QPSK	2590.10	-38.34	-25	PASS
Band7	20	21350	100	#0	16QAM	2590.05	-37.95	-25	PASS

Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



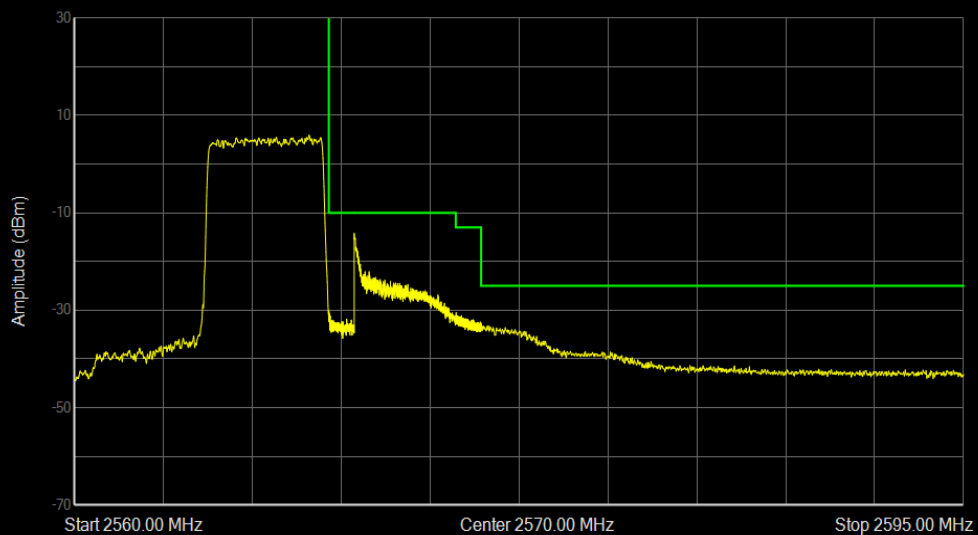


Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2493.962	-35.02	-25
2	2494	2496	1000	2496	-29.57	-13
3	2496	2499	1000	2498.997	-16.38	-10
4	2499	2500	100	2499.991	-32.11	-10

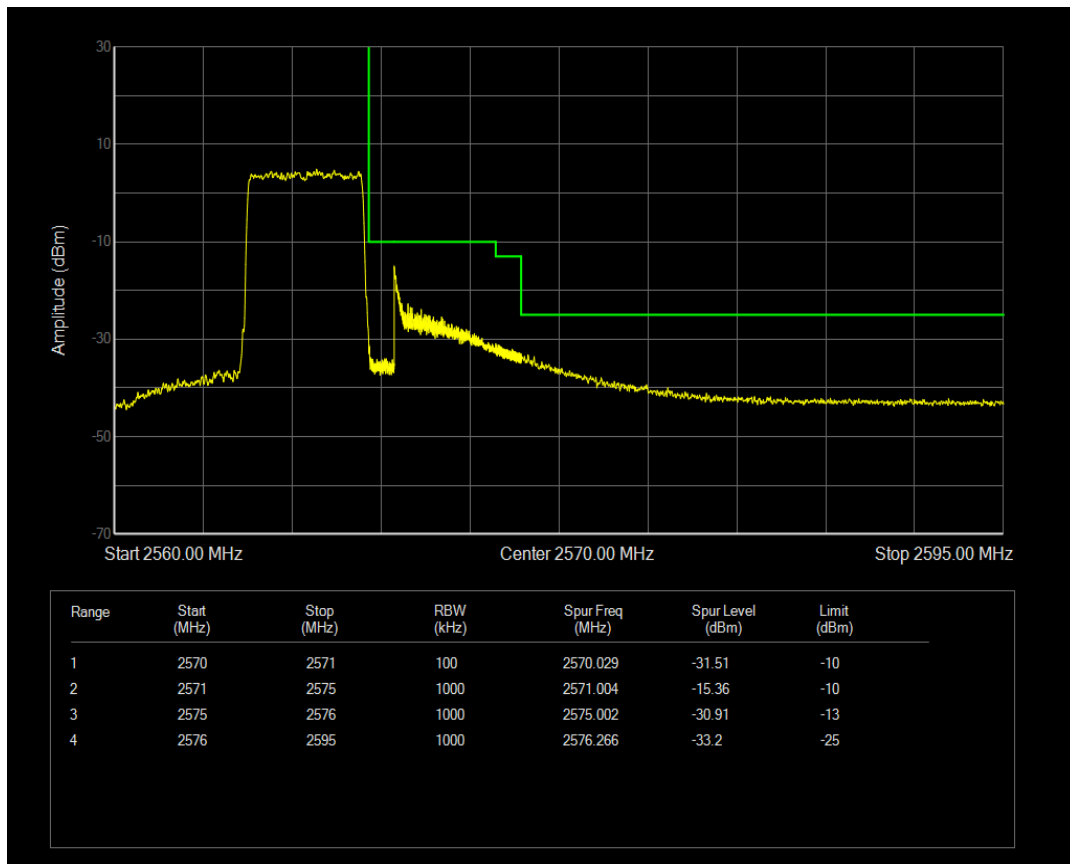
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



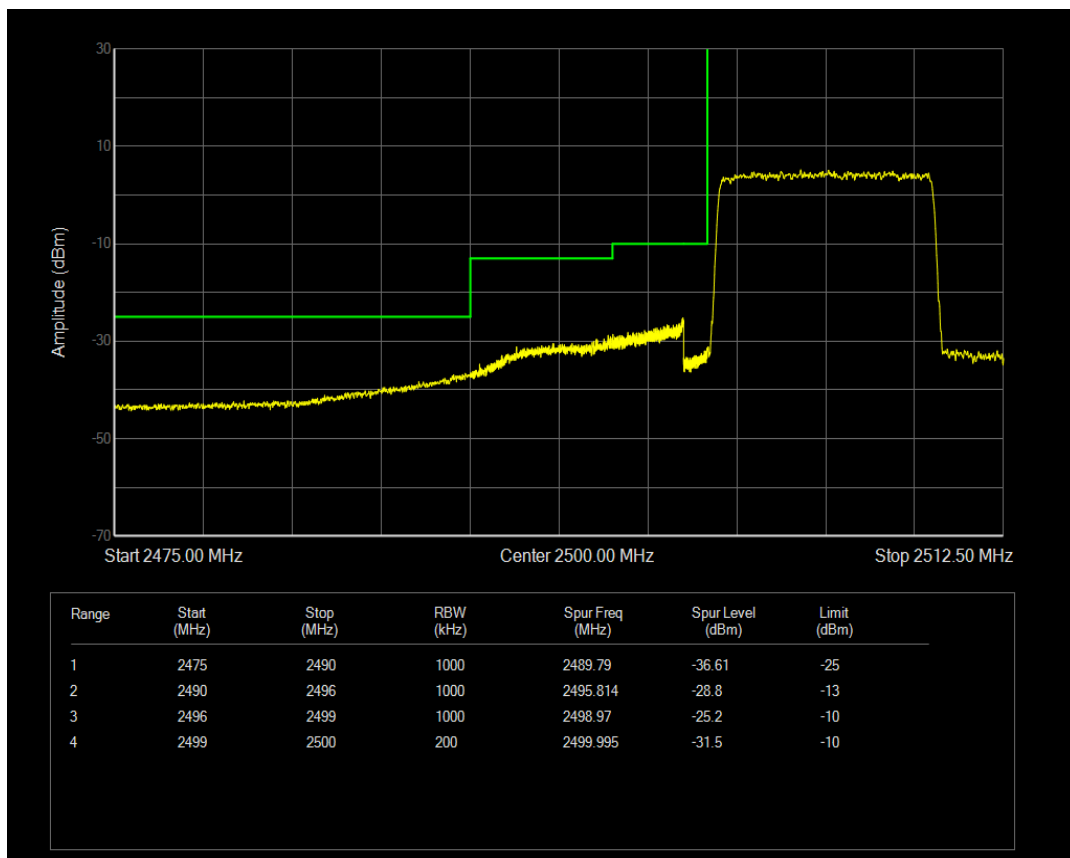
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.001	-30.31	-10
2	2571	2575	1000	2571.004	-14.78	-10
3	2575	2576	1000	2575.014	-30.47	-13
4	2576	2595	1000	2576.285	-33.19	-25



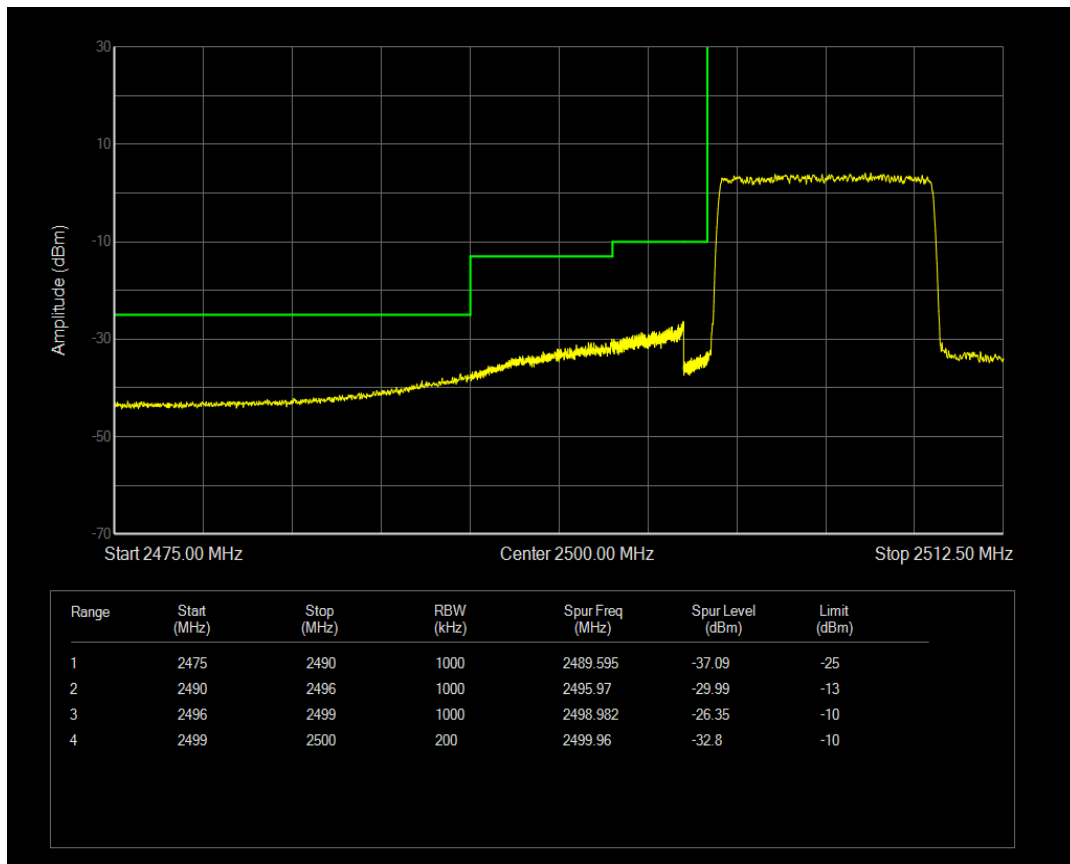
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



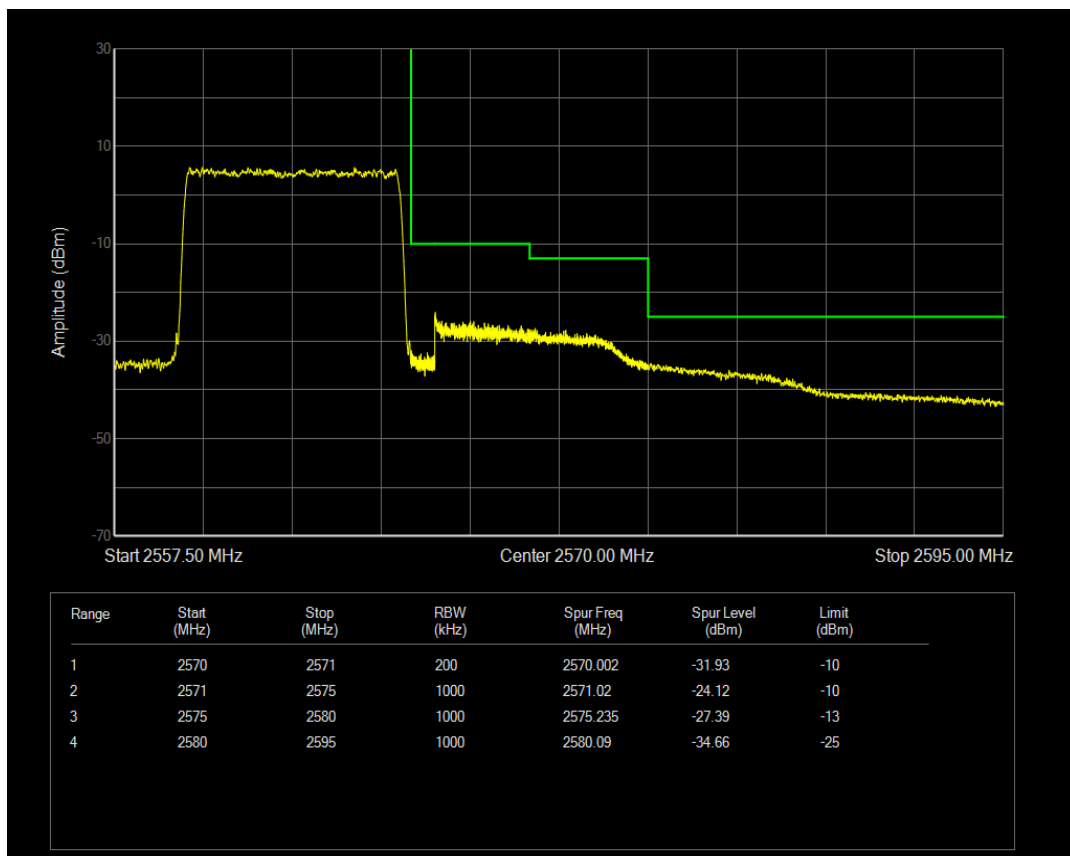
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0

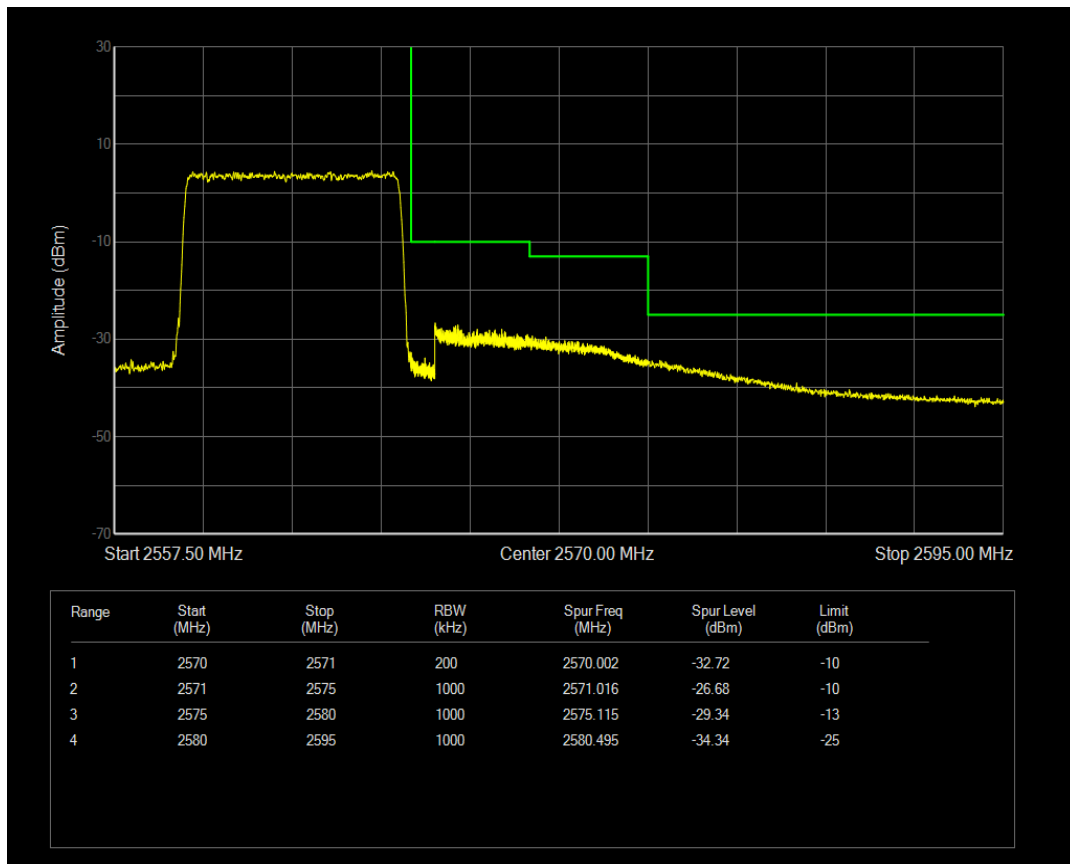


Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0

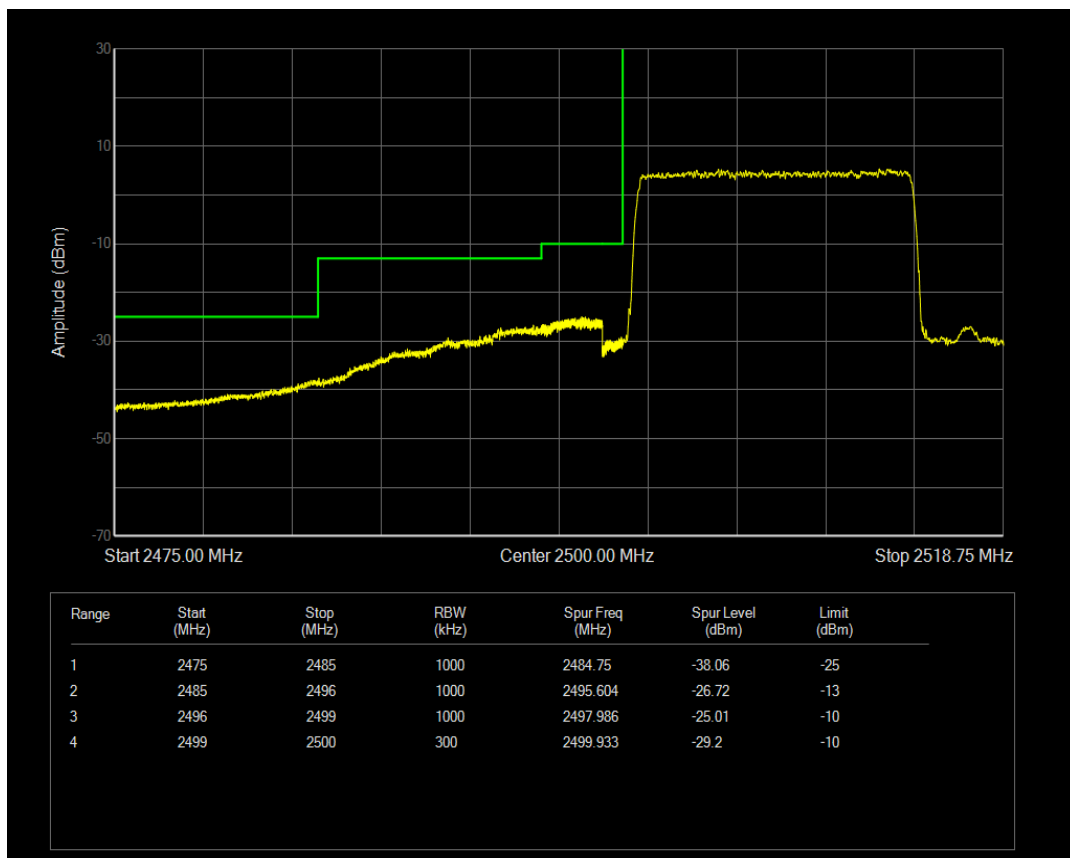




Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0

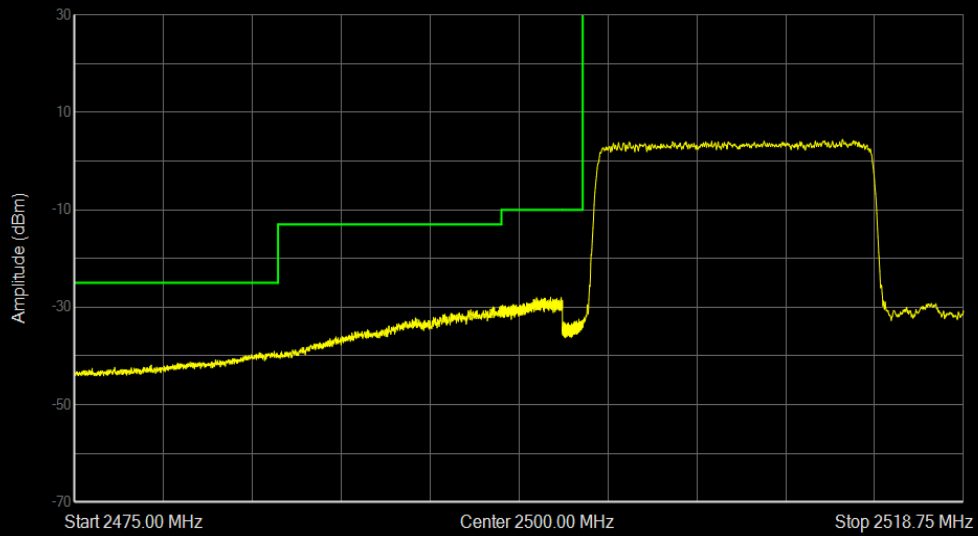


Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0





Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.81	-39.07	-25
2	2485	2496	1000	2495.967	-29.79	-13
3	2496	2499	1000	2498.421	-27.95	-10
4	2499	2500	300	2499.81	-32.45	-10

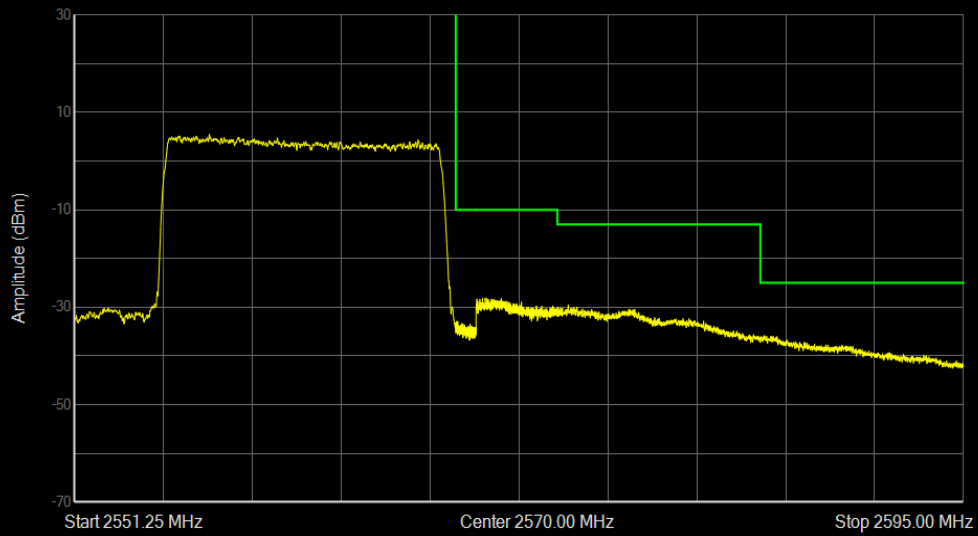
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.409	-29.98	-10
2	2571	2575	1000	2572.264	-24.73	-10
3	2575	2585	1000	2575.5	-26.5	-13
4	2585	2595	1000	2585.14	-35.65	-25



Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.098	-32.89	-10
2	2571	2575	1000	2571.448	-28.11	-10
3	2575	2585	1000	2575.54	-29.59	-13
4	2585	2595	1000	2585.18	-35.83	-25

Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2479.955	-41.07	-25
2	2480	2496	1000	2495.808	-28.62	-13
3	2496	2499	1000	2498.76	-26.82	-10
4	2499	2500	430	2499.938	-29.87	-10

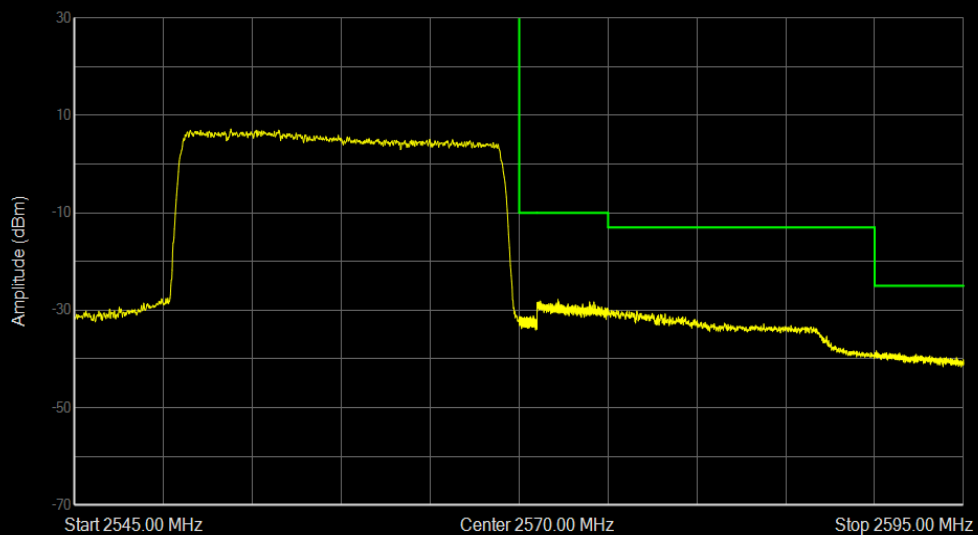


Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



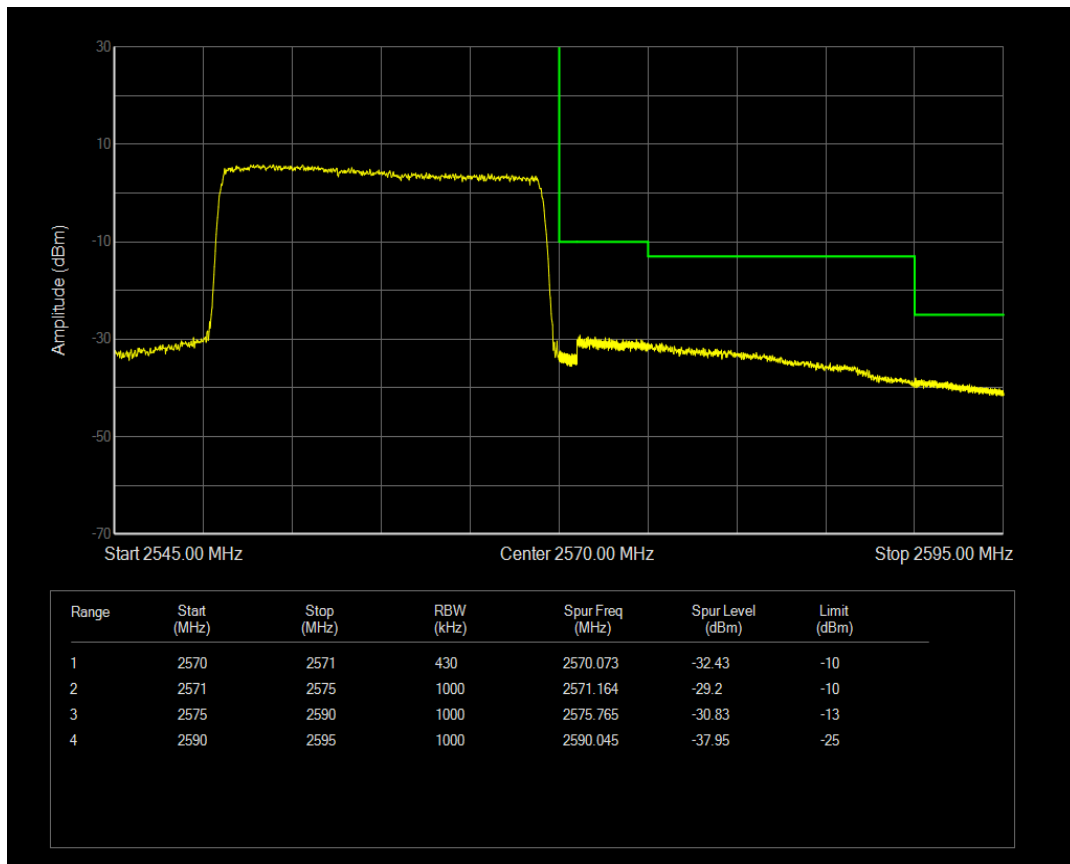
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2479.755	-41.64	-25
2	2480	2496	1000	2495.104	-30.19	-13
3	2496	2499	1000	2498.172	-28.58	-10
4	2499	2500	430	2499.498	-31.4	-10

Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.798	-31.18	-10
2	2571	2575	1000	2572.176	-27.79	-10
3	2575	2590	1000	2575.495	-30.06	-13
4	2590	2595	1000	2590.095	-38.34	-25

Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0

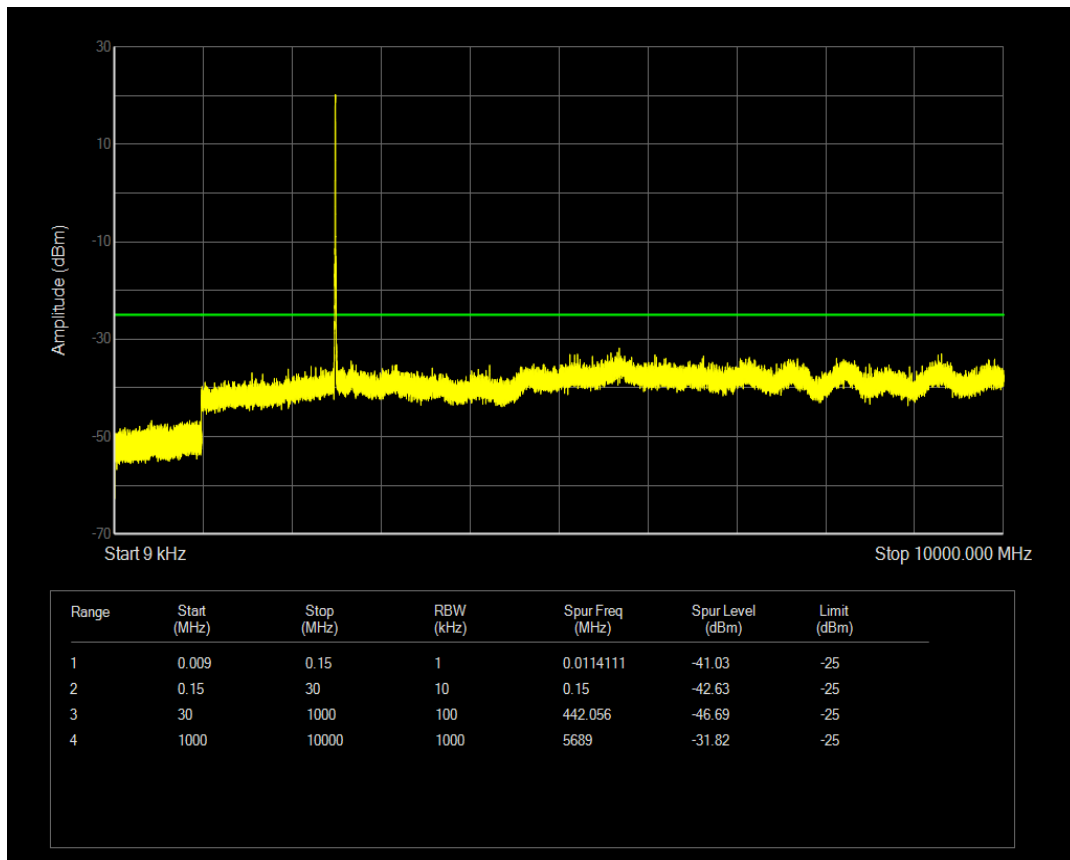


Appendix 6. Out-of-band emissions

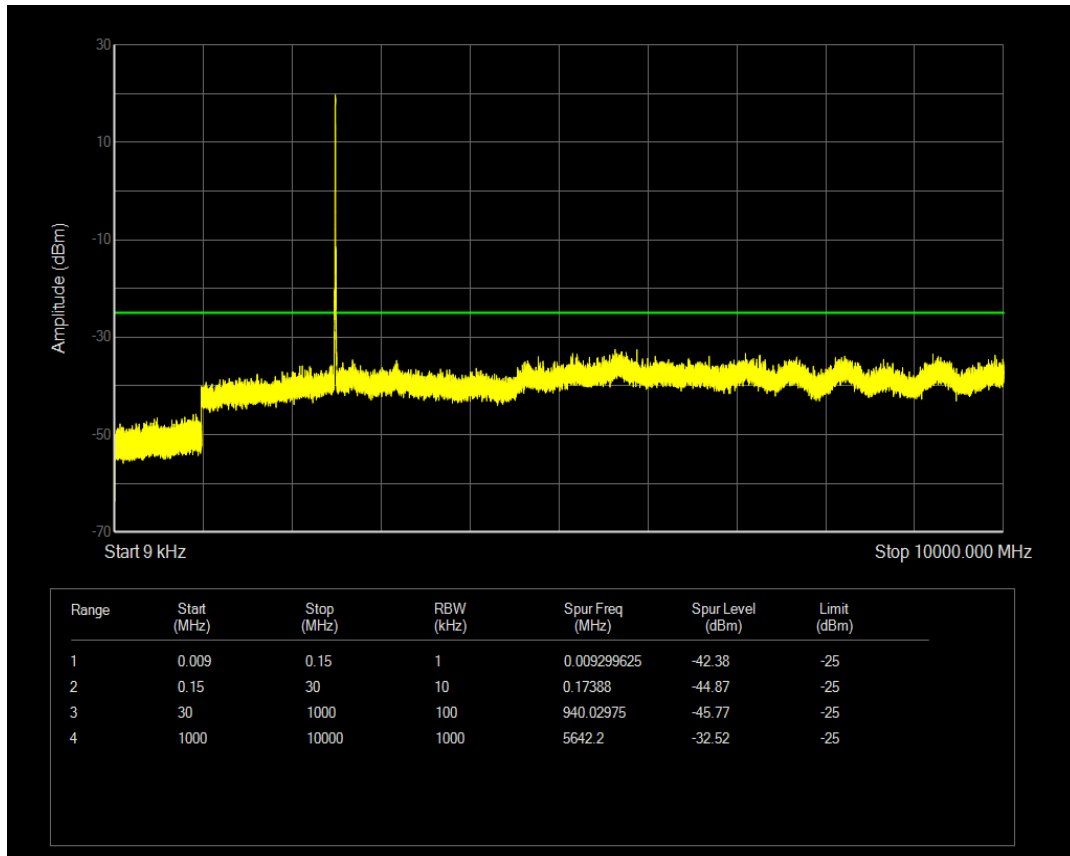
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	5689.00	-31.82	-25	PASS
Band7	5	20775	25	#0	16QAM	5642.20	-32.52	-25	PASS
Band7	5	21100	25	#0	QPSK	5693.05	-32.90	-25	PASS
Band7	5	21100	25	#0	16QAM	5767.53	-32.50	-25	PASS
Band7	5	21425	25	#0	QPSK	5594.28	-31.68	-25	PASS
Band7	5	21425	25	#0	16QAM	5768.20	-32.50	-25	PASS
Band7	10	20800	50	#0	QPSK	5707.68	-33.02	-25	PASS
Band7	10	20800	50	#0	16QAM	7140.25	-31.87	-25	PASS
Band7	10	21100	50	#0	QPSK	5716.45	-32.60	-25	PASS
Band7	10	21100	50	#0	16QAM	5705.20	-32.33	-25	PASS
Band7	10	21400	50	#0	QPSK	5694.85	-32.53	-25	PASS
Band7	10	21400	50	#0	16QAM	5687.88	-32.95	-25	PASS
Band7	15	20825	75	#0	QPSK	5678.88	-32.49	-25	PASS
Band7	15	20825	75	#0	16QAM	5549.73	-32.29	-25	PASS
Band7	15	21100	75	#0	QPSK	5725.45	-32.40	-25	PASS
Band7	15	21100	75	#0	16QAM	5676.63	-32.62	-25	PASS

Band7	15	21375	75	#0	QPSK	5713.53	-31.79	-25	PASS
Band7	15	21375	75	#0	16QAM	5703.40	-32.61	-25	PASS
Band7	20	20850	100	#0	QPSK	5688.55	-32.85	-25	PASS
Band7	20	20850	100	#0	16QAM	5685.63	-31.27	-25	PASS
Band7	20	21100	100	#0	QPSK	5689.00	-32.17	-25	PASS
Band7	20	21100	100	#0	16QAM	5721.85	-31.86	-25	PASS
Band7	20	21350	100	#0	QPSK	5905.23	-32.72	-25	PASS
Band7	20	21350	100	#0	16QAM	5635.00	-32.62	-25	PASS

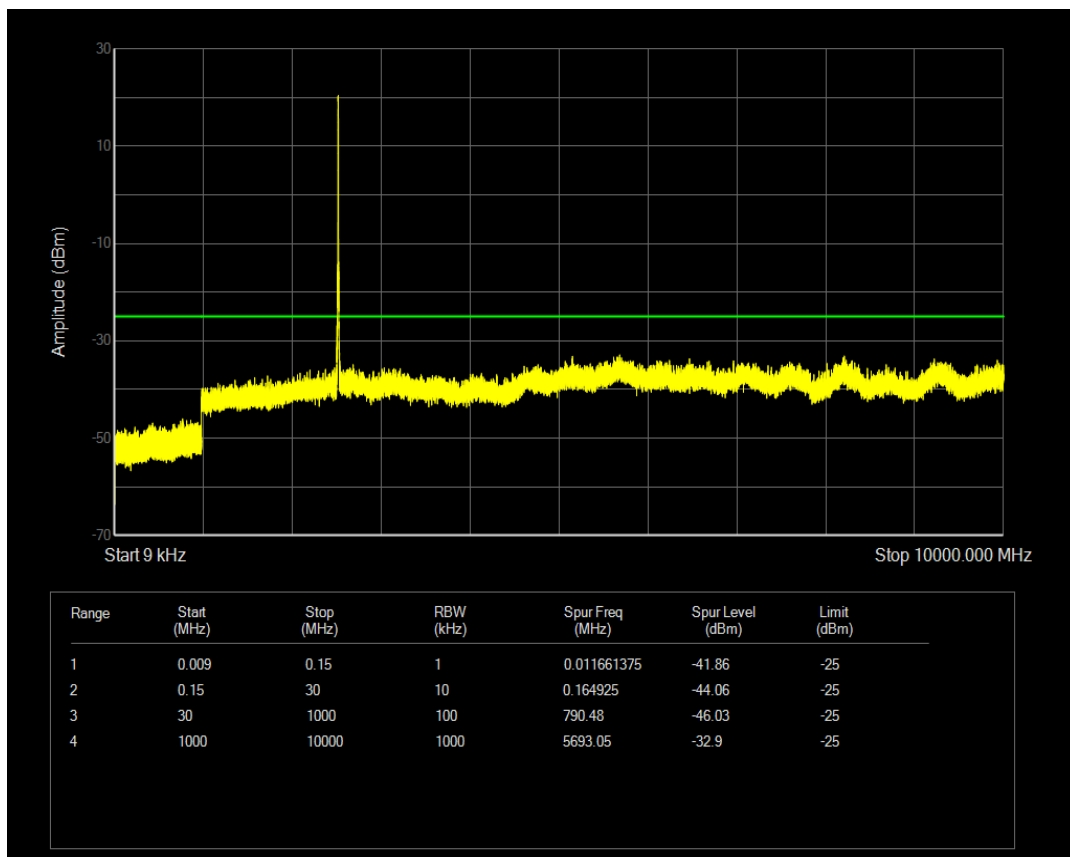
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



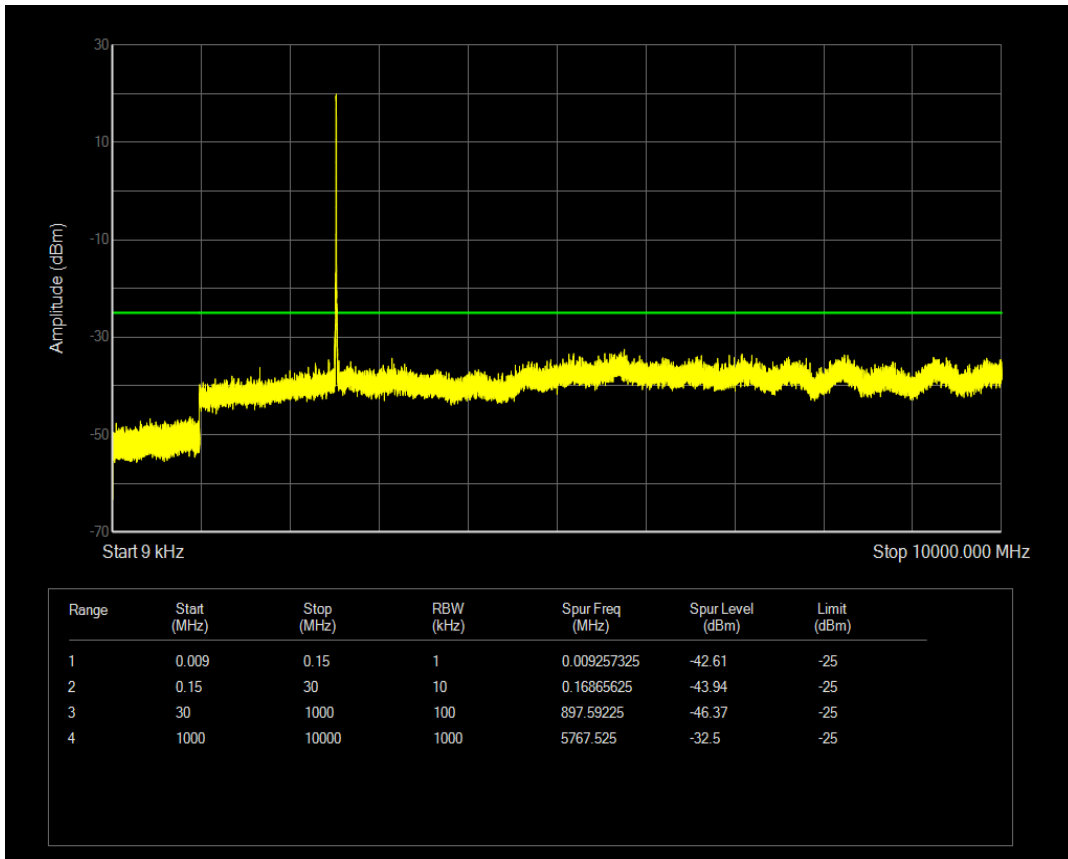
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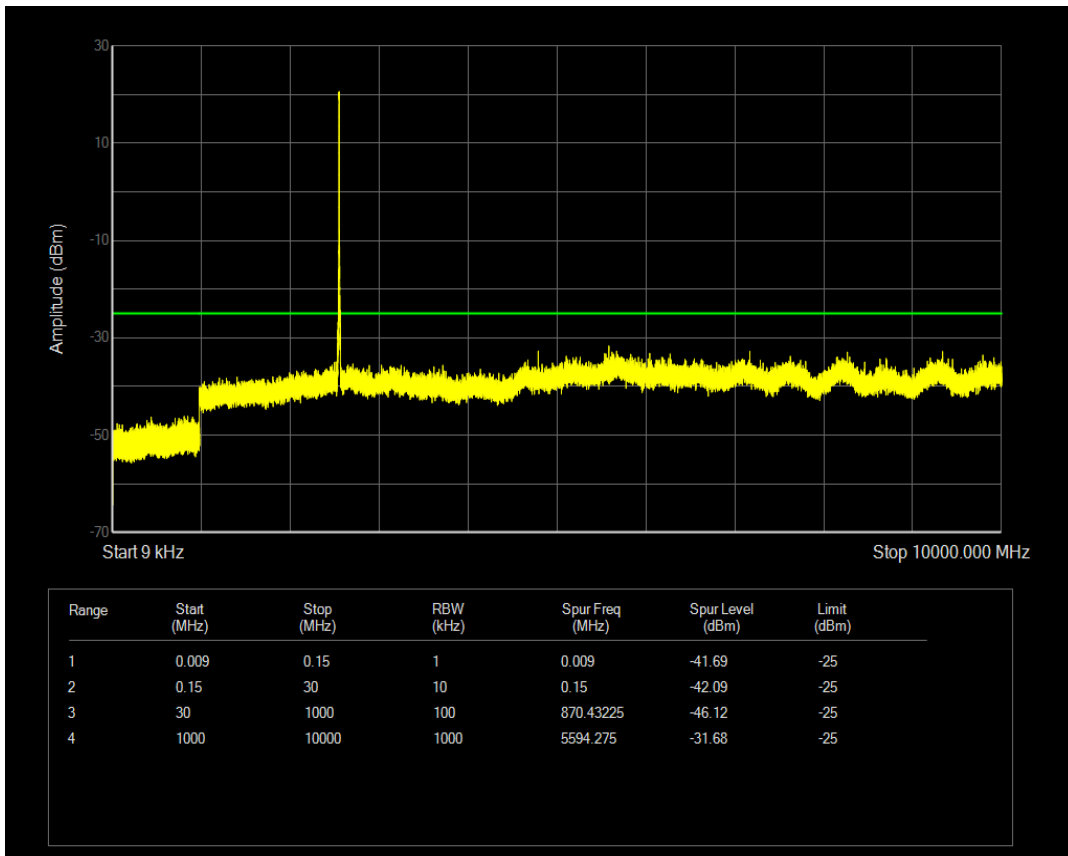
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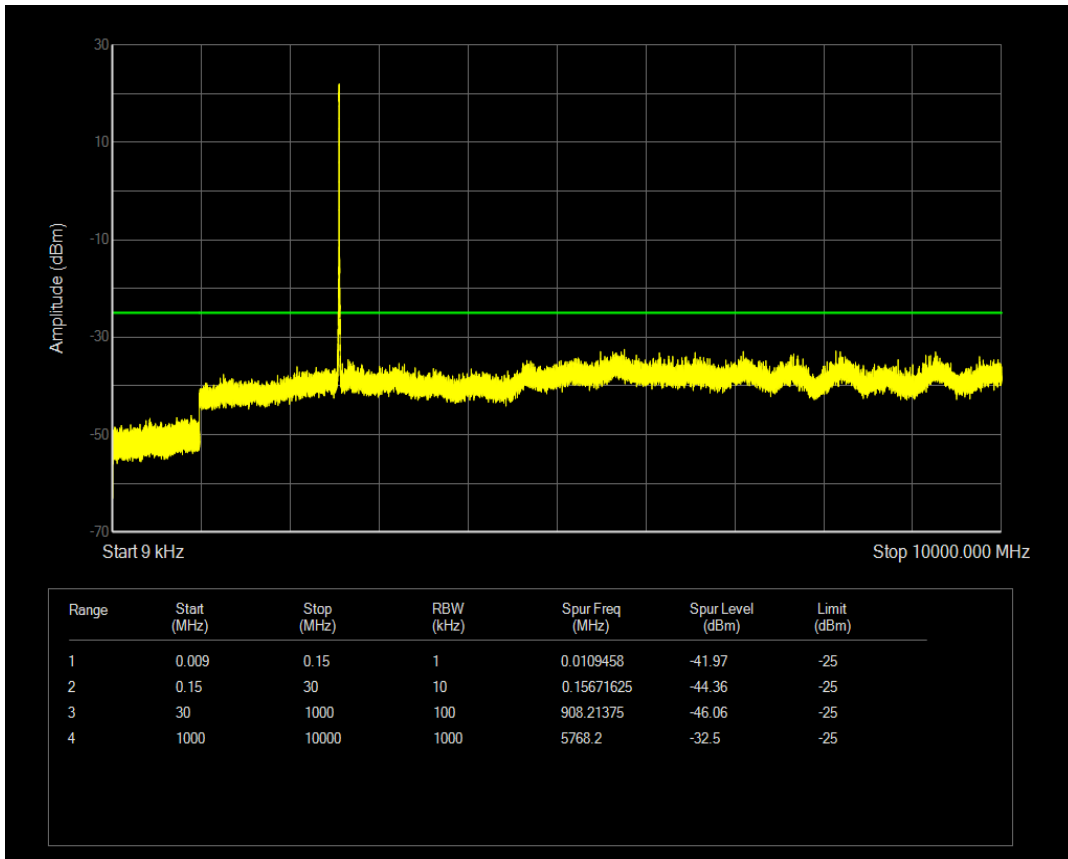
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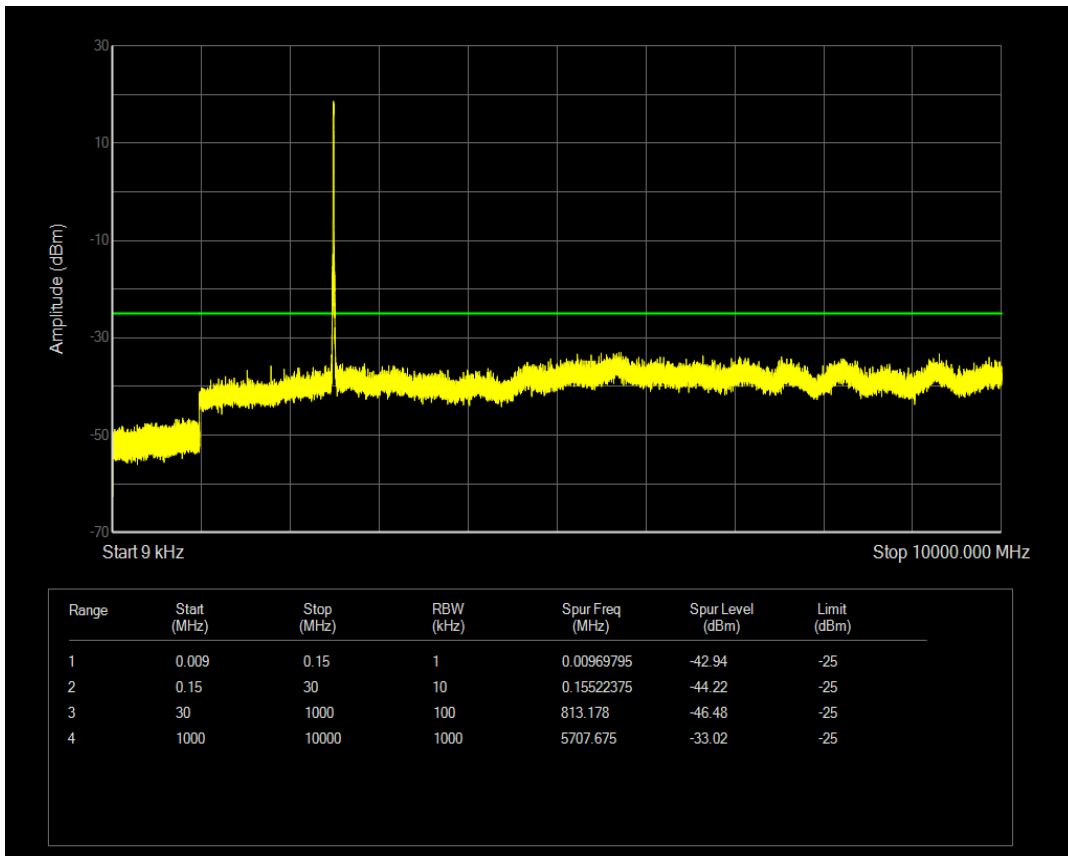
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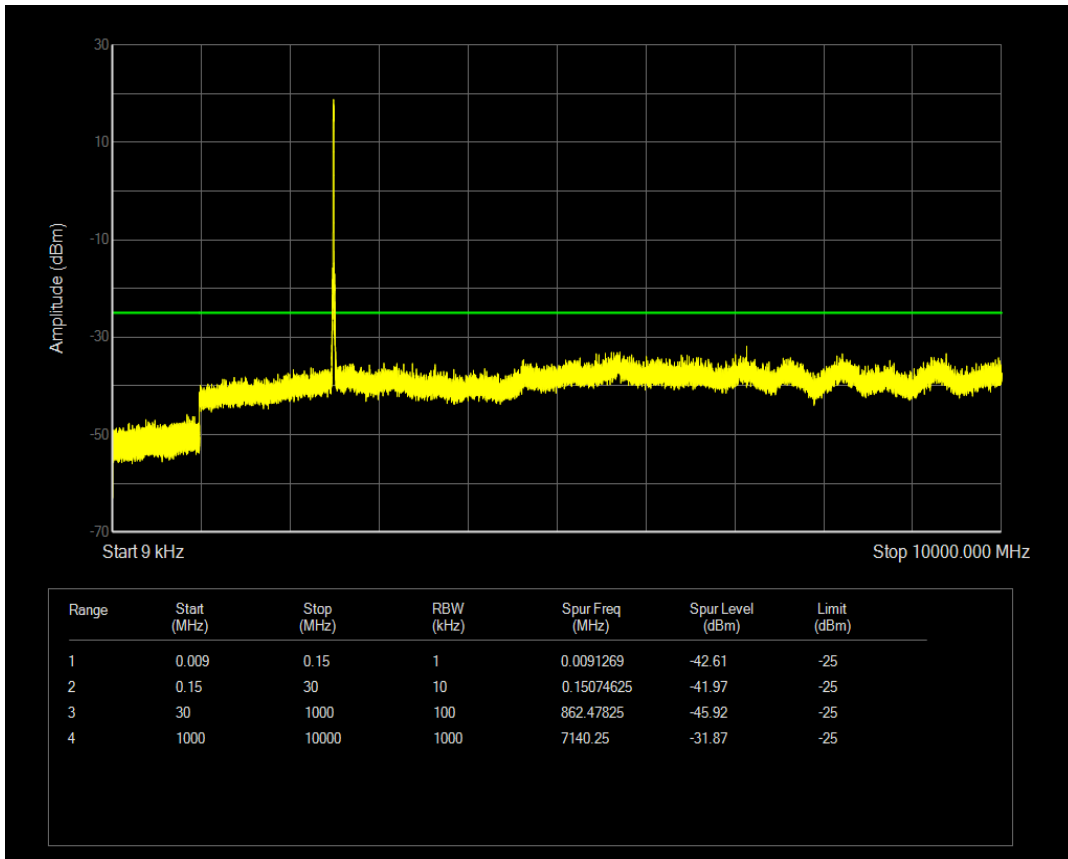
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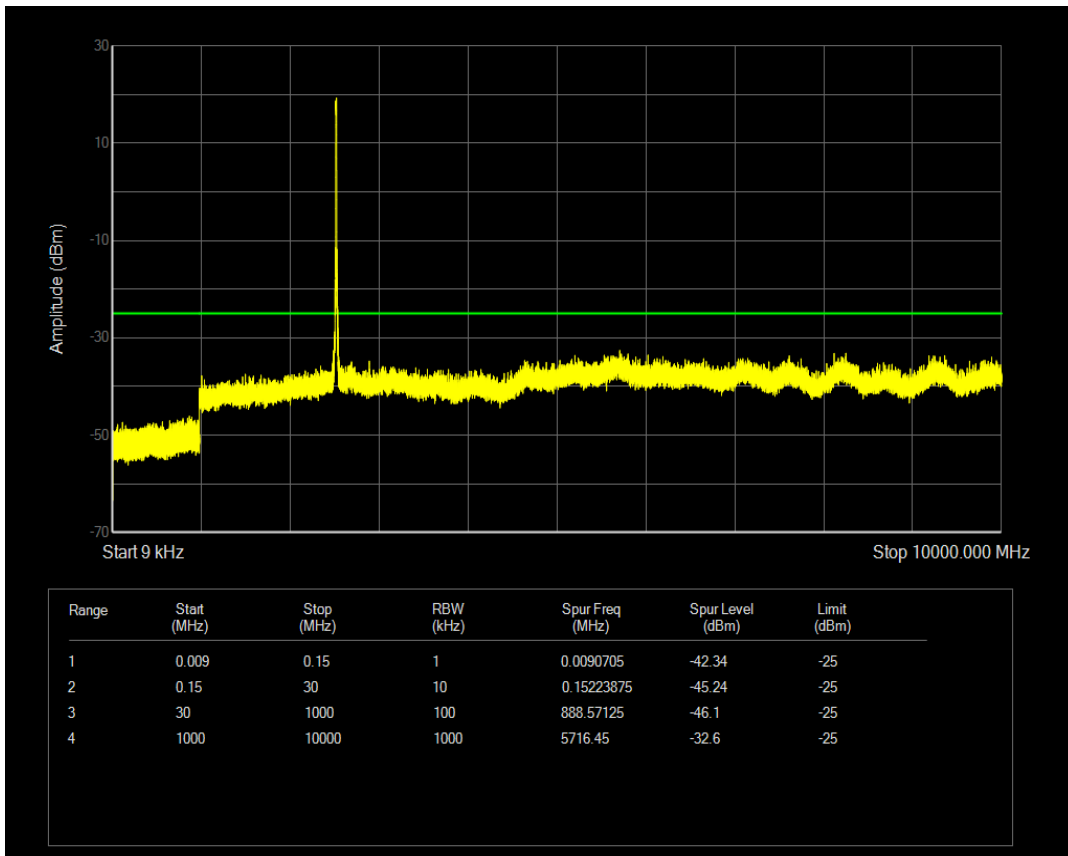
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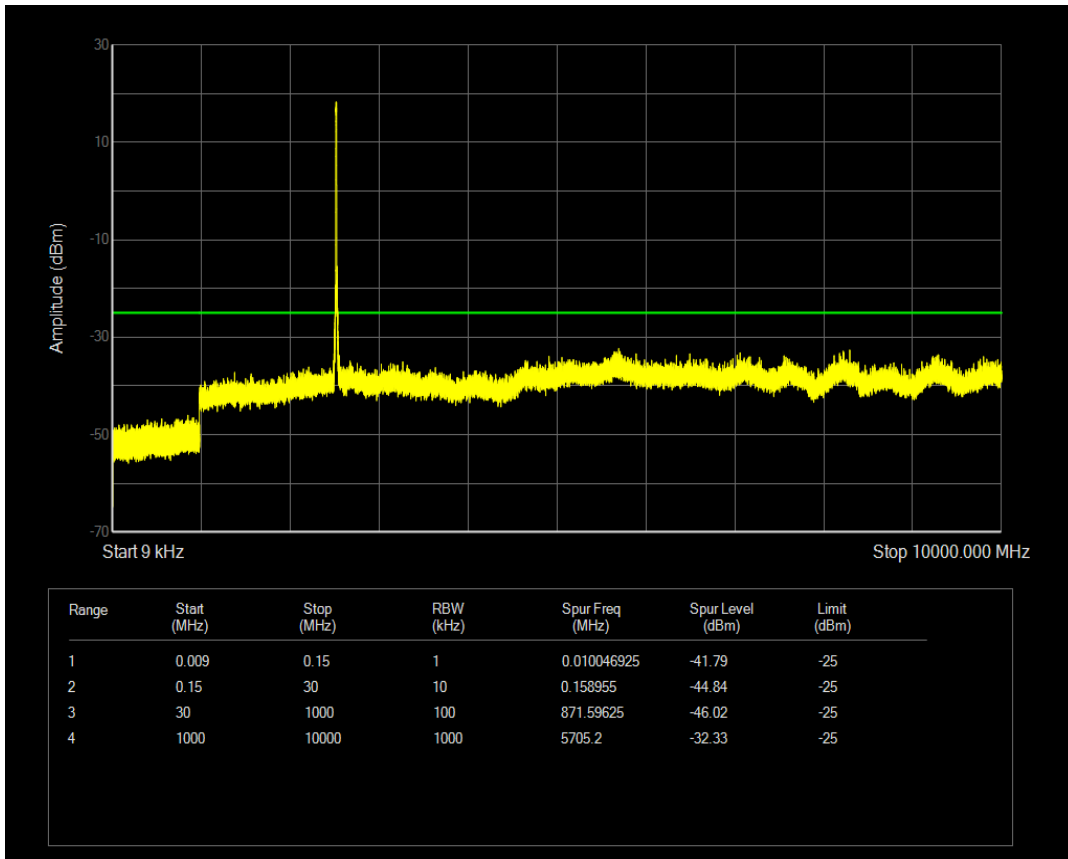
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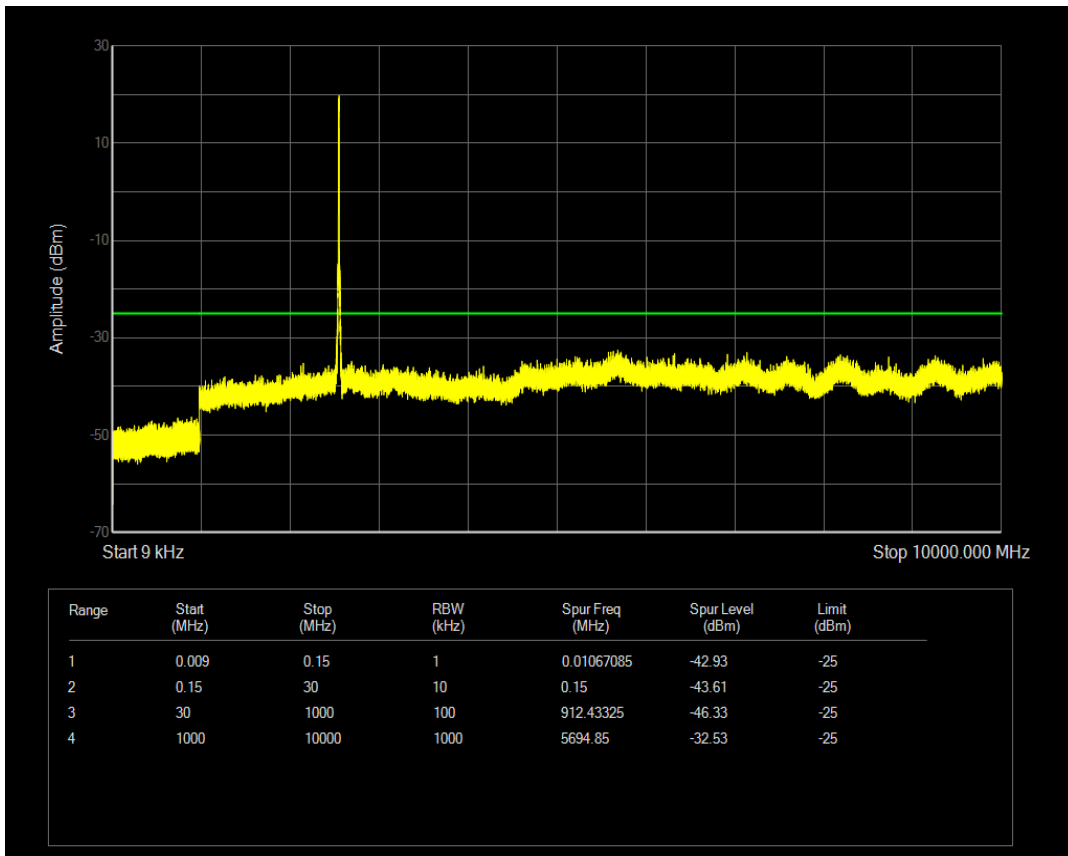
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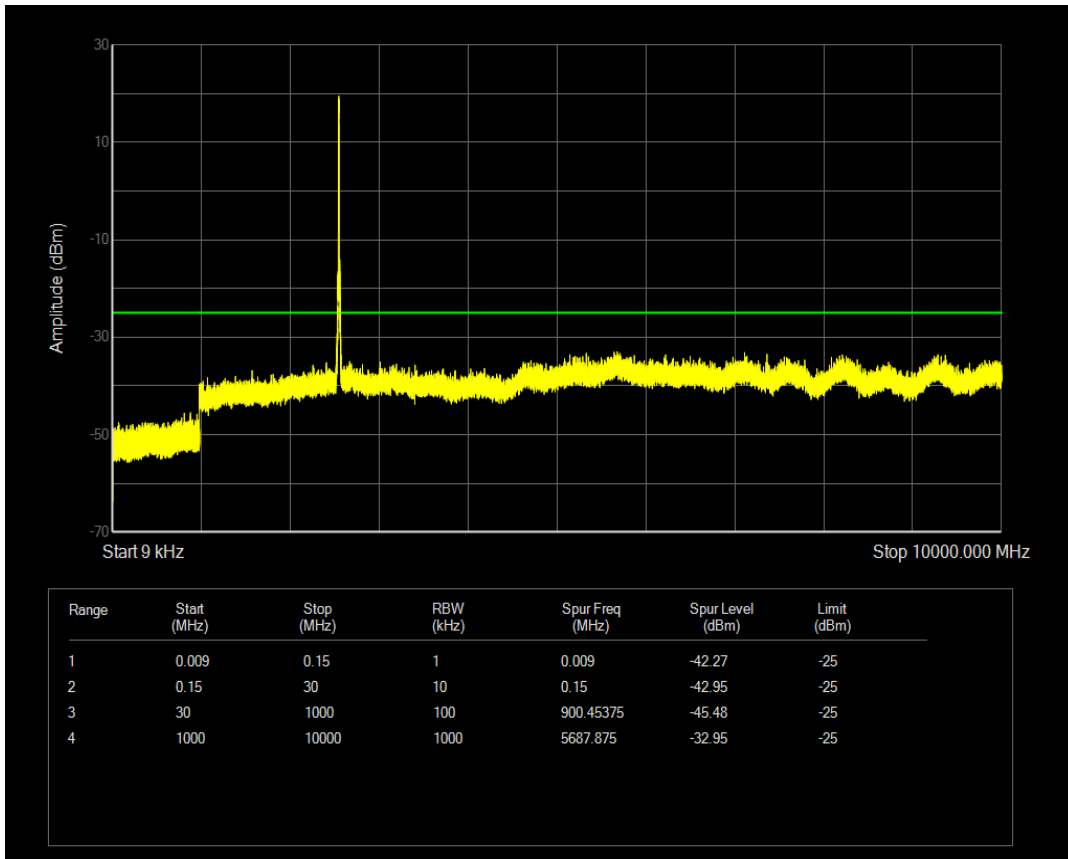
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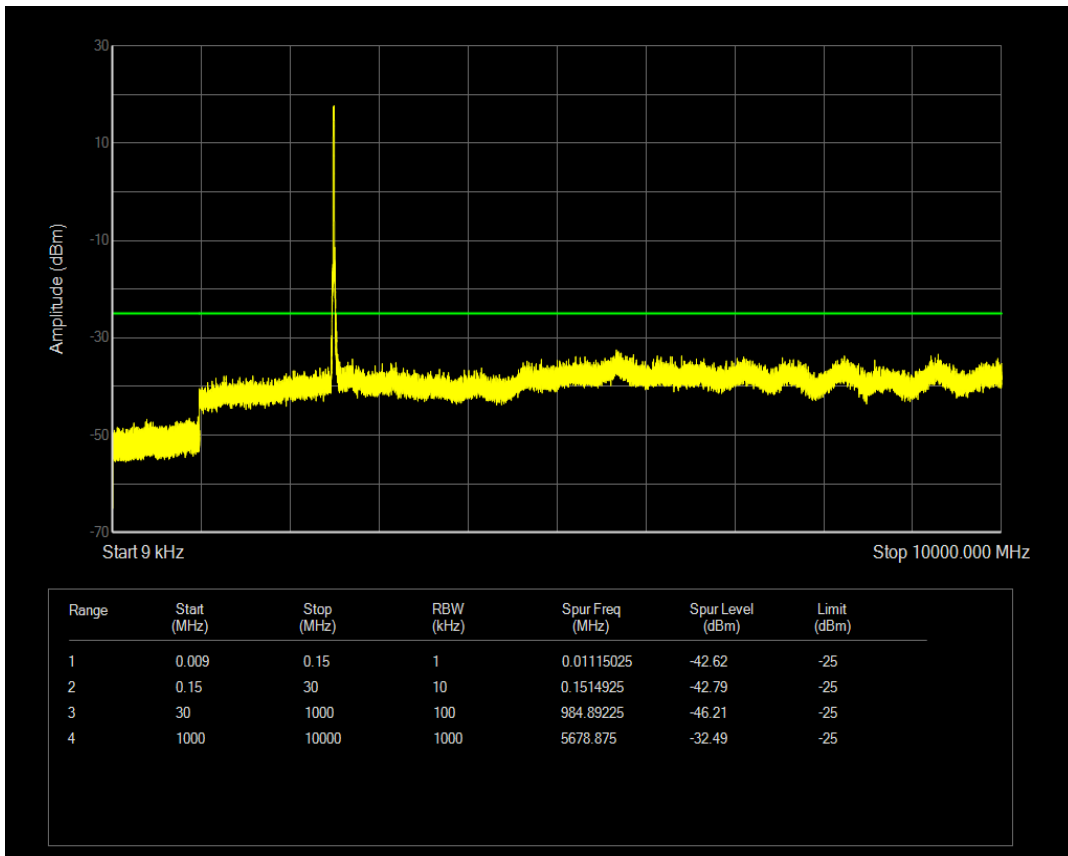
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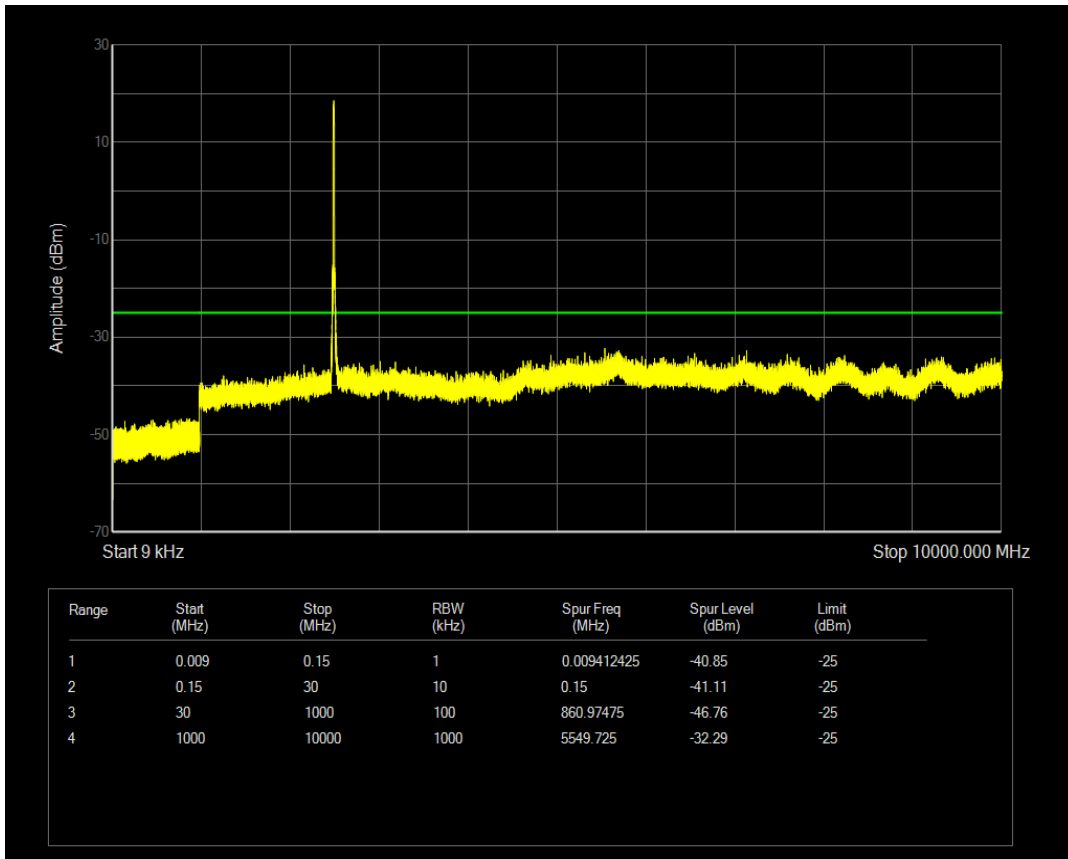
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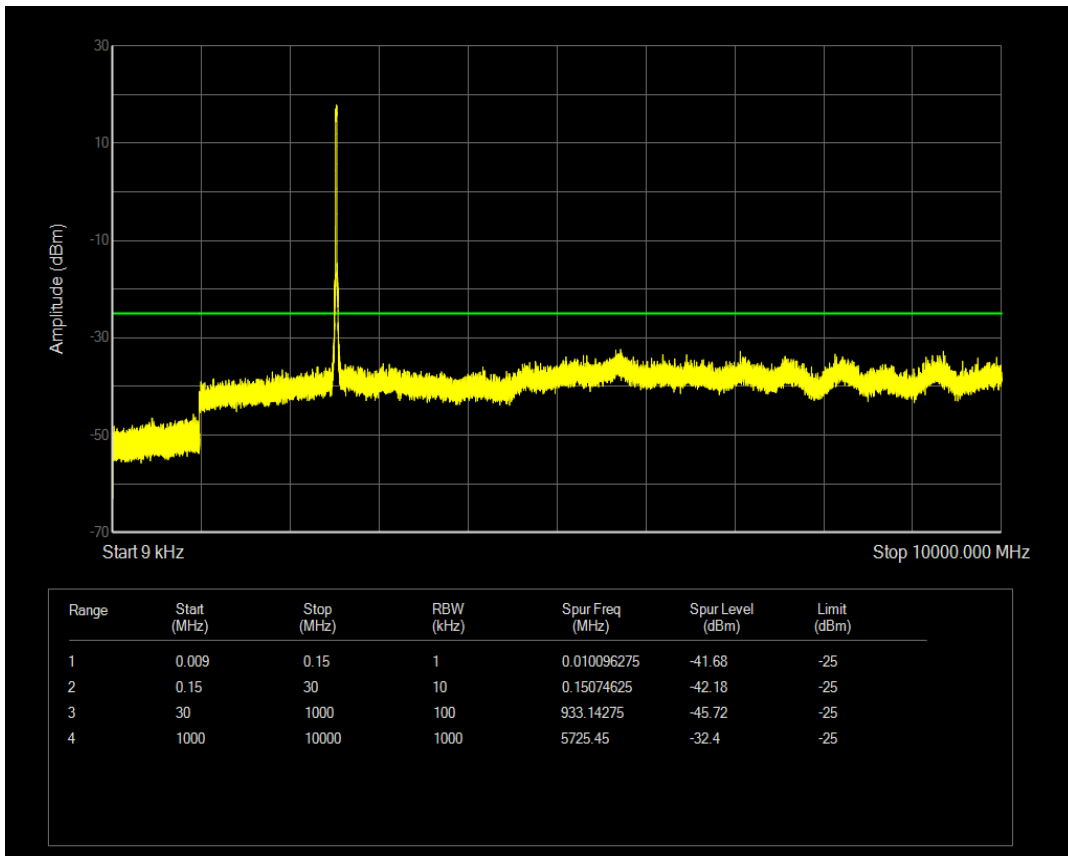
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



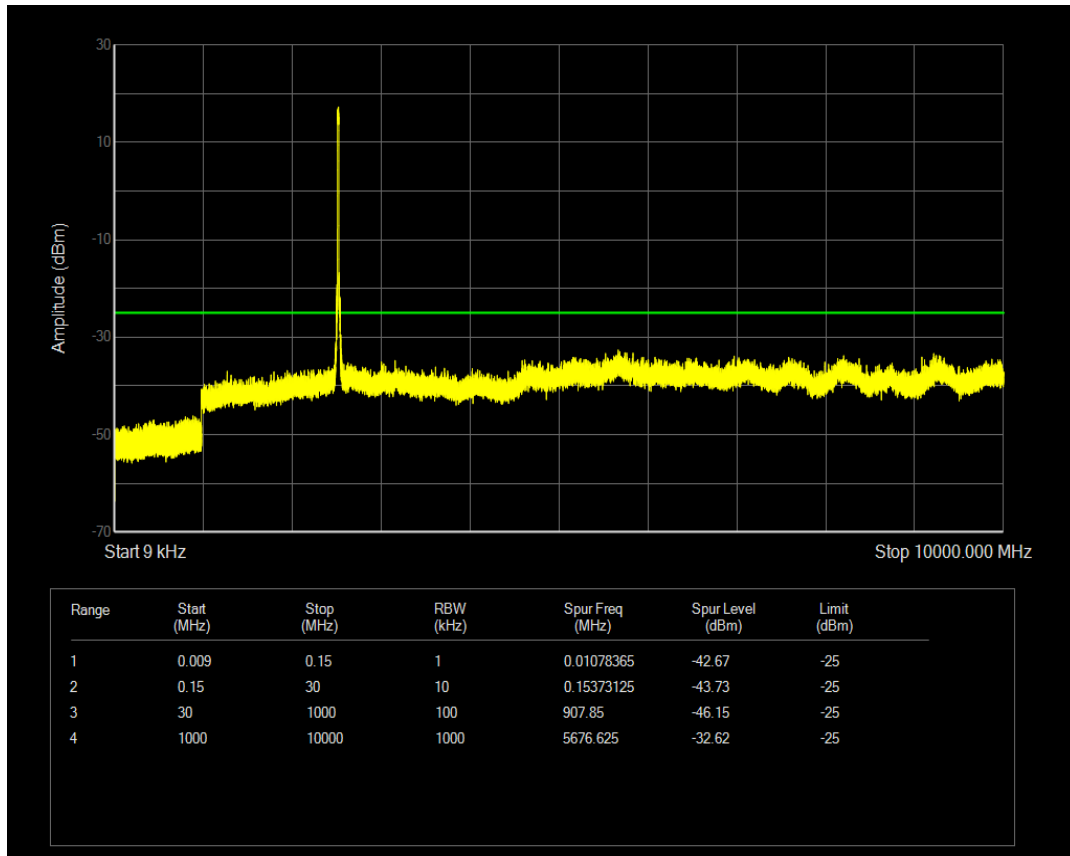
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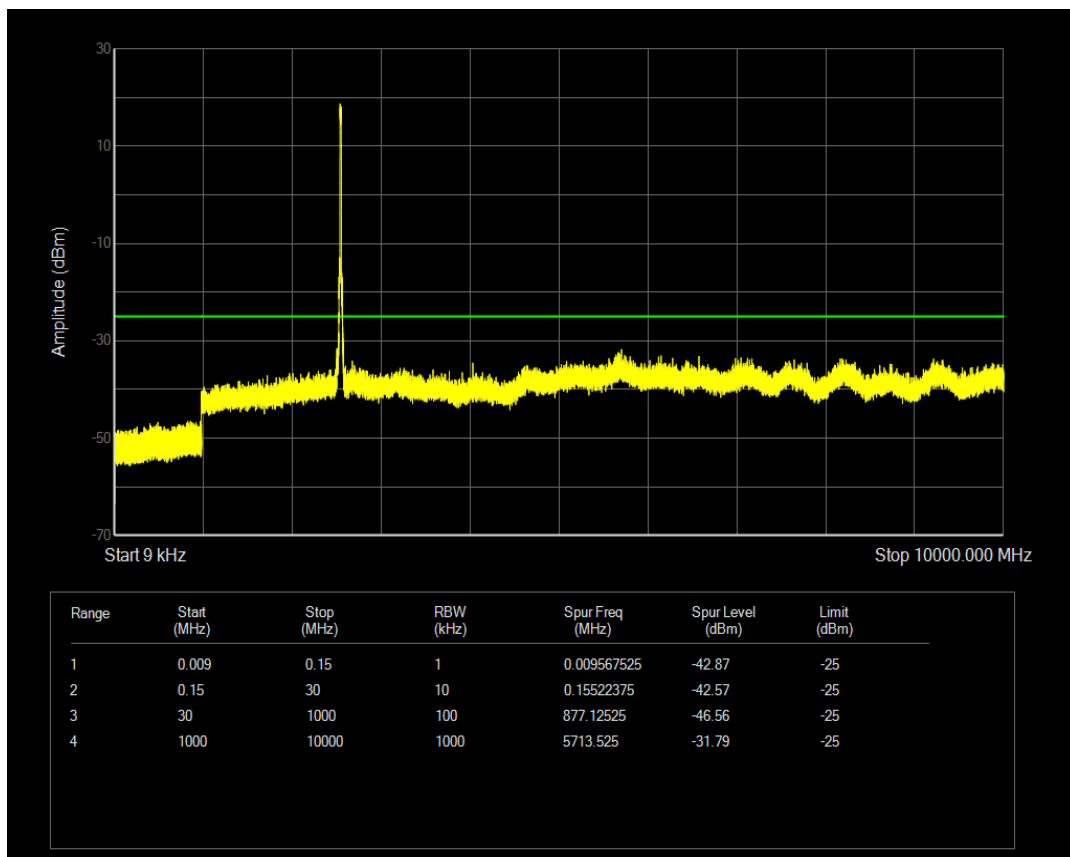
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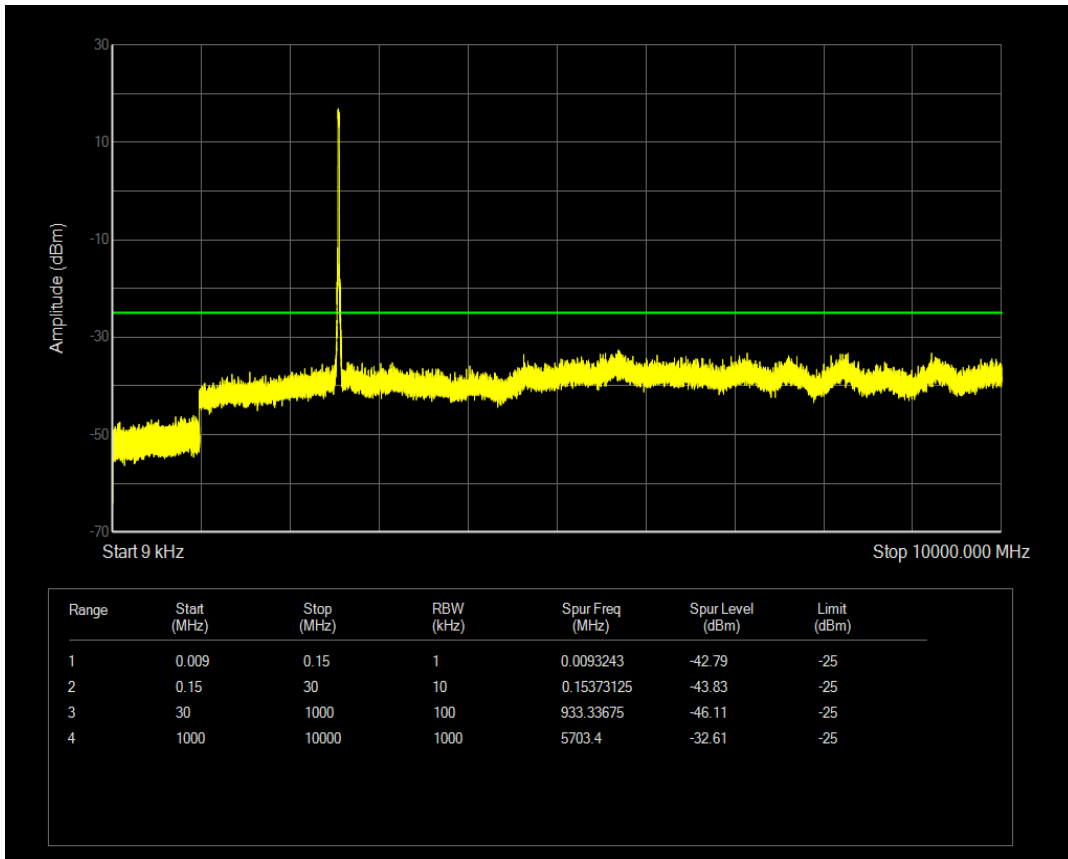
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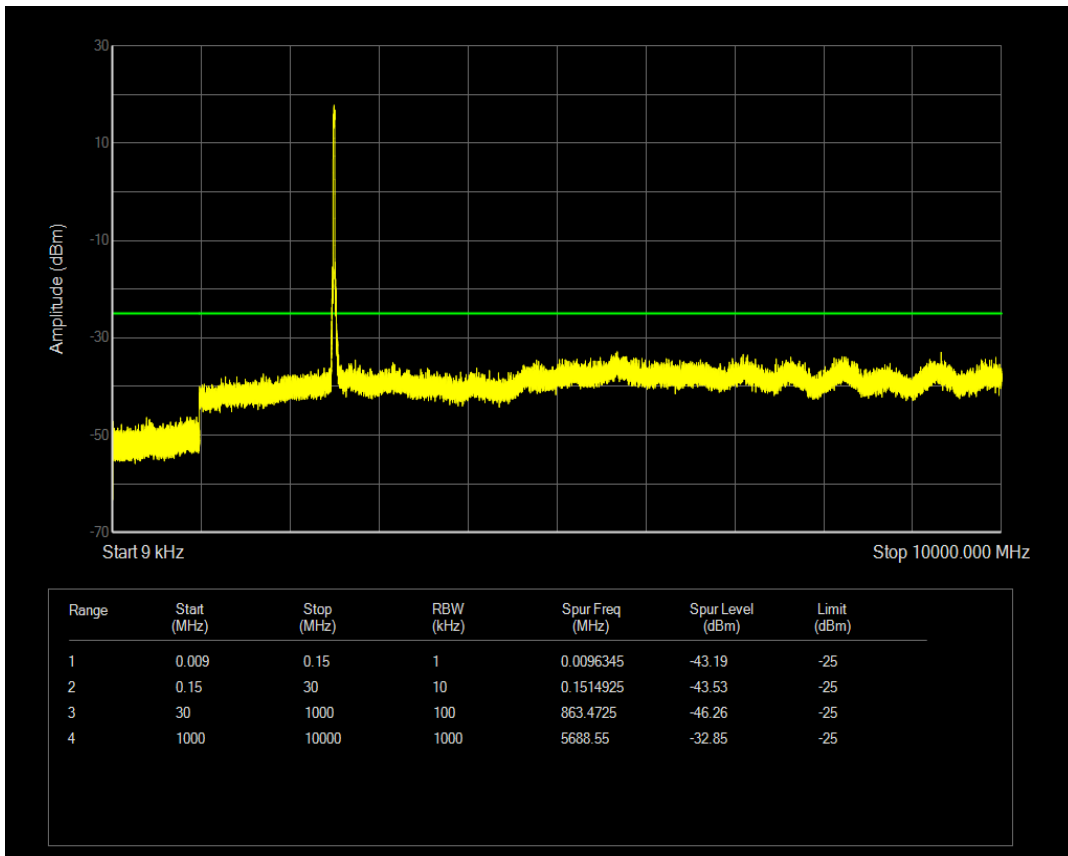
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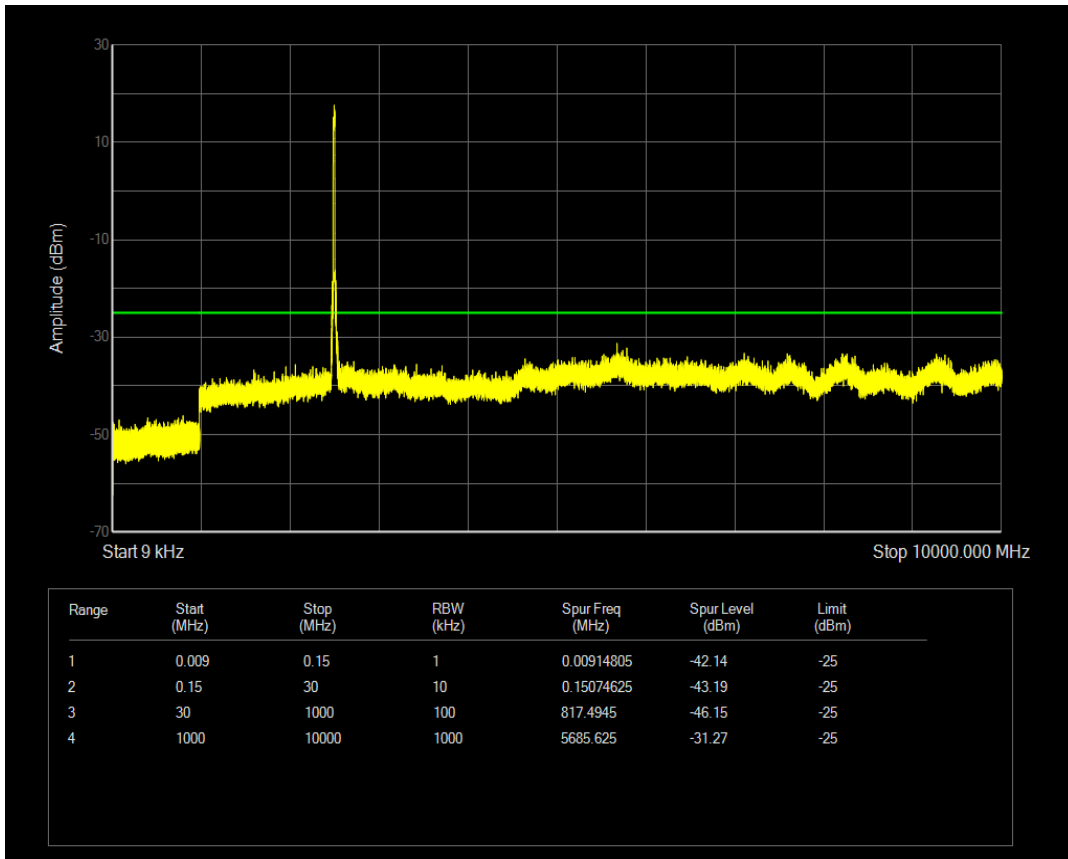
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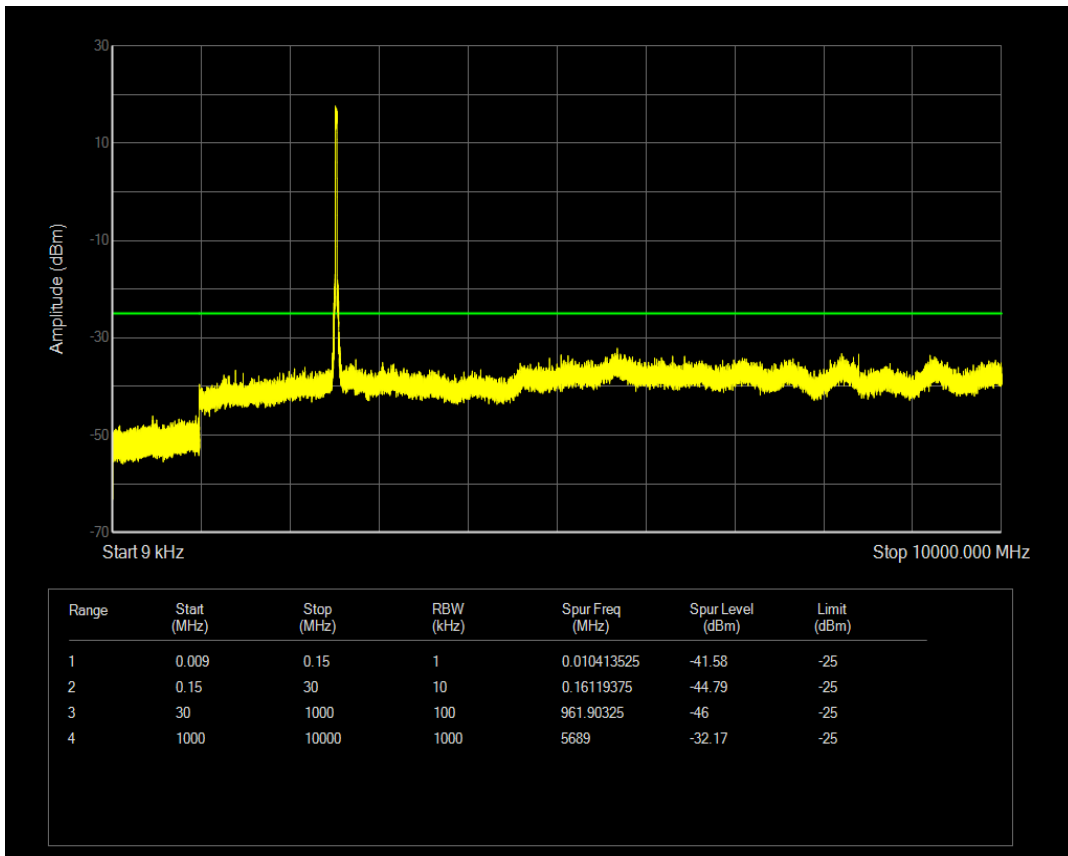
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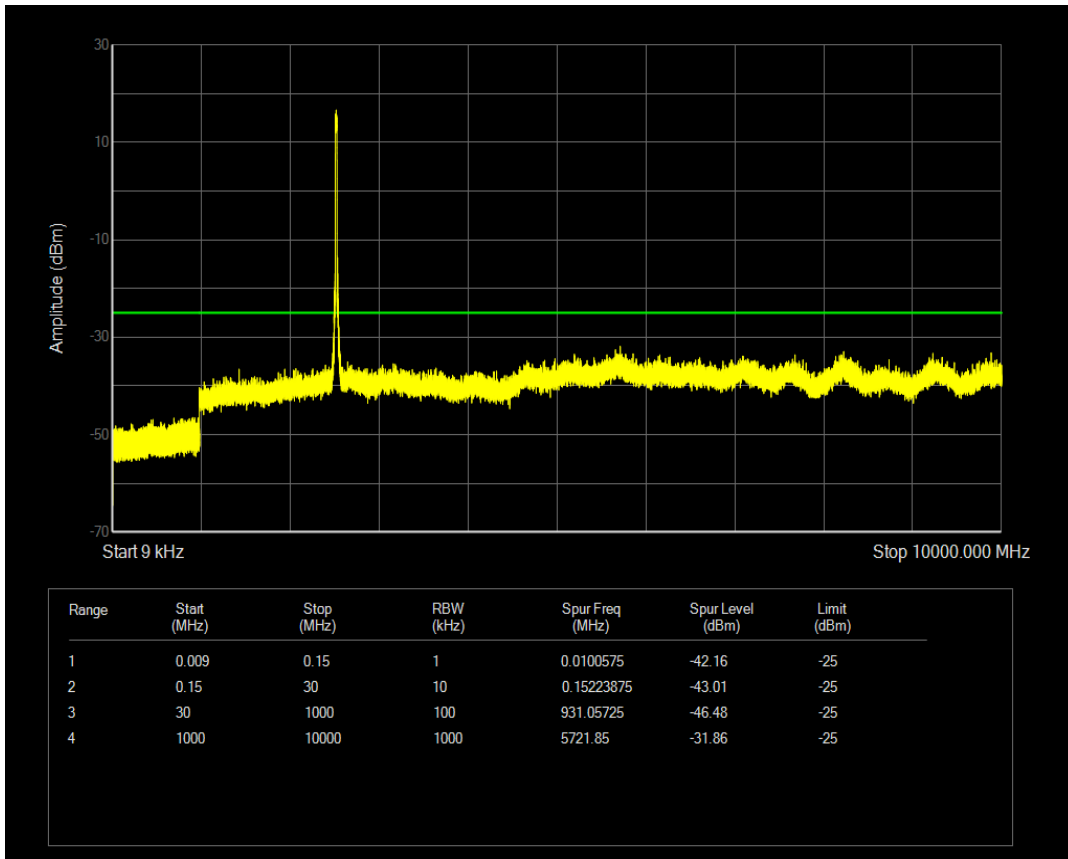
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



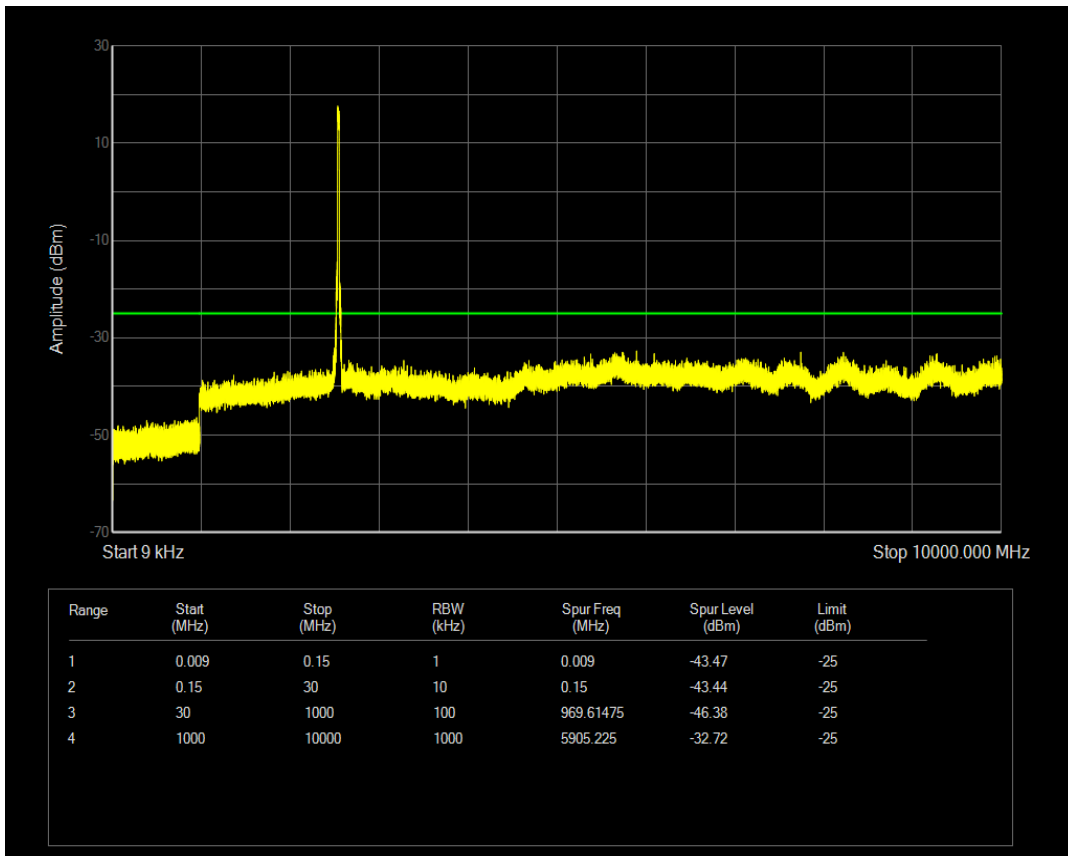
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0

