

Appendix for Band 17

Report No.: BCTC2410930951-6E

Applicant: Shenzhen Qichang Intelligent Technology Co., Ltd

Product Name: Smart phone

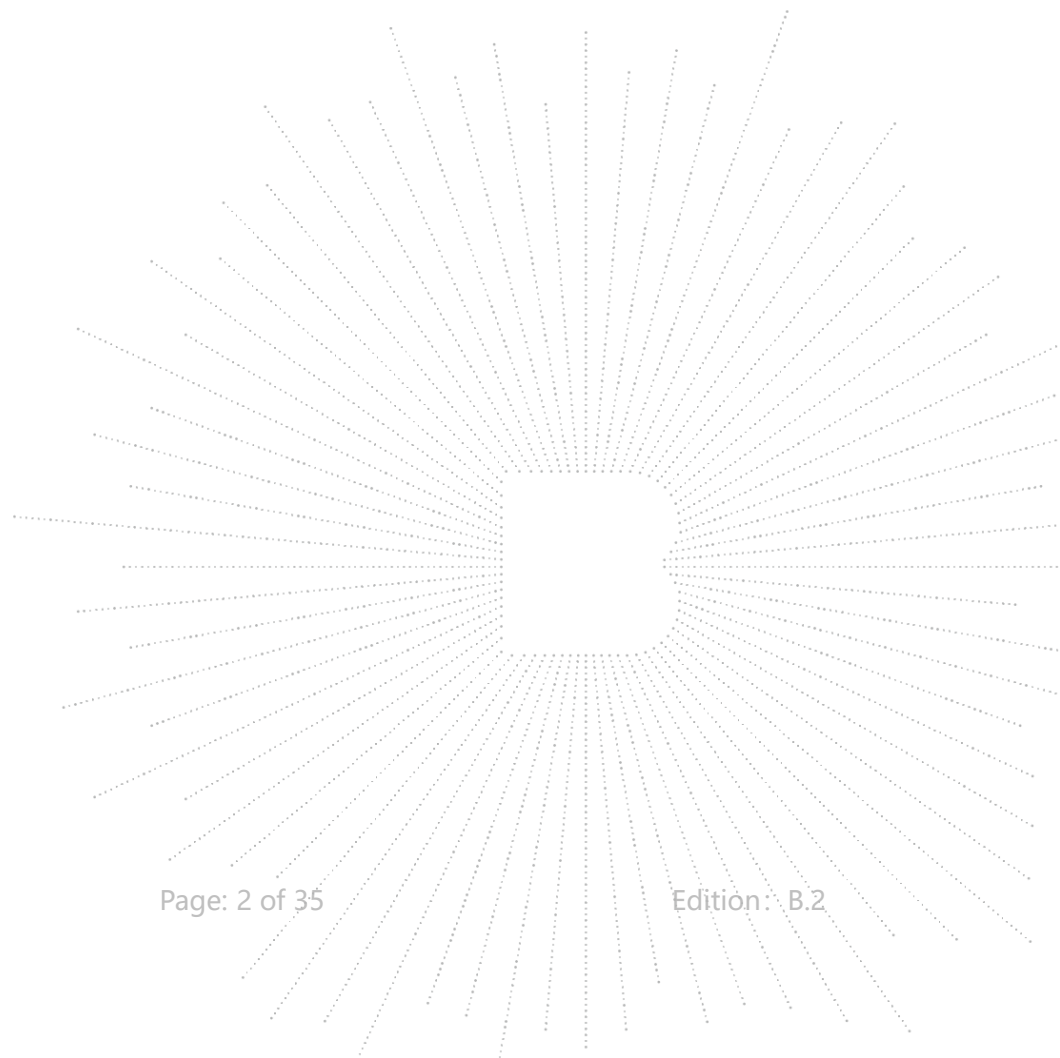
Test Model: S3

Tested Date: 2024-10-14 to 2024-11-06

Shenzhen BCTC Testing Co., Ltd.

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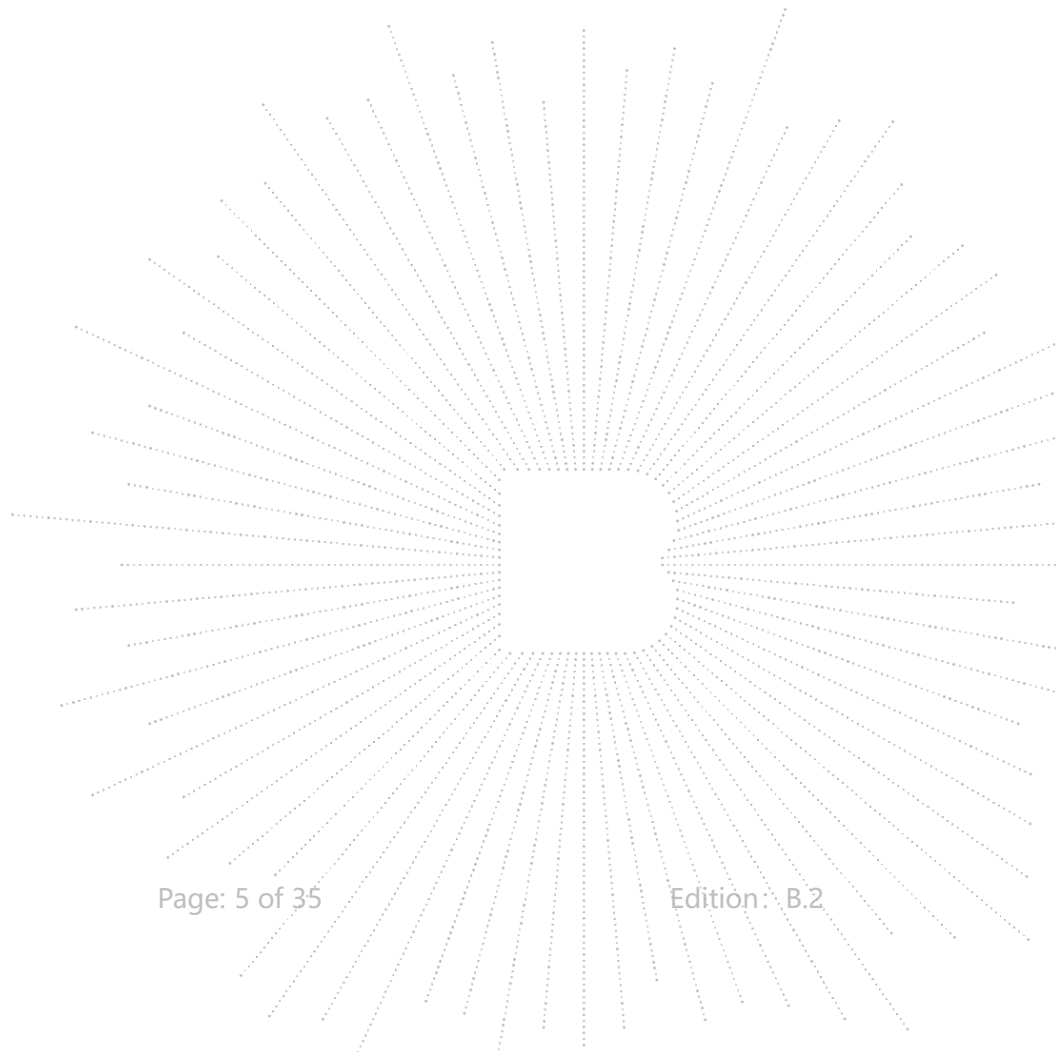


Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	23.55	-4.6	16.80	PASS
Band17	5	23755	1	#Mid	QPSK	23.98	-4.6	17.23	PASS
Band17	5	23755	1	#Max	QPSK	23.58	-4.6	16.83	PASS
Band17	5	23755	12	#0	QPSK	22.69	-4.6	15.94	PASS
Band17	5	23755	12	#Mid	QPSK	22.74	-4.6	15.99	PASS
Band17	5	23755	12	#Max	QPSK	22.65	-4.6	15.90	PASS
Band17	5	23755	25	#0	QPSK	22.67	-4.6	15.92	PASS
Band17	5	23755	1	#0	16QAM	23.10	-4.6	16.35	PASS
Band17	5	23755	1	#Mid	16QAM	23.46	-4.6	16.71	PASS
Band17	5	23755	1	#Max	16QAM	23.12	-4.6	16.37	PASS
Band17	5	23755	12	#0	16QAM	21.70	-4.6	14.95	PASS
Band17	5	23755	12	#Mid	16QAM	21.75	-4.6	15.00	PASS
Band17	5	23755	12	#Max	16QAM	21.66	-4.6	14.91	PASS
Band17	5	23755	25	#0	16QAM	21.65	-4.6	14.90	PASS
Band17	5	23790	1	#0	QPSK	23.57	-4.6	16.82	PASS
Band17	5	23790	1	#Mid	QPSK	23.77	-4.6	17.02	PASS
Band17	5	23790	1	#Max	QPSK	23.59	-4.6	16.84	PASS
Band17	5	23790	12	#0	QPSK	22.69	-4.6	15.94	PASS
Band17	5	23790	12	#Mid	QPSK	22.76	-4.6	16.01	PASS
Band17	5	23790	12	#Max	QPSK	22.69	-4.6	15.94	PASS
Band17	5	23790	25	#0	QPSK	22.74	-4.6	15.99	PASS
Band17	5	23790	1	#0	16QAM	22.89	-4.6	16.14	PASS
Band17	5	23790	1	#Mid	16QAM	23.31	-4.6	16.56	PASS
Band17	5	23790	1	#Max	16QAM	22.85	-4.6	16.10	PASS
Band17	5	23790	12	#0	16QAM	21.62	-4.6	14.87	PASS
Band17	5	23790	12	#Mid	16QAM	21.72	-4.6	14.97	PASS
Band17	5	23790	12	#Max	16QAM	21.66	-4.6	14.91	PASS
Band17	5	23790	25	#0	16QAM	21.74	-4.6	14.99	PASS
Band17	5	23825	1	#0	QPSK	23.53	-4.6	16.78	PASS
Band17	5	23825	1	#Mid	QPSK	24.06	-4.6	17.31	PASS
Band17	5	23825	1	#Max	QPSK	23.52	-4.6	16.77	PASS
Band17	5	23825	12	#0	QPSK	22.67	-4.6	15.92	PASS
Band17	5	23825	12	#Mid	QPSK	22.73	-4.6	15.98	PASS
Band17	5	23825	12	#Max	QPSK	22.60	-4.6	15.85	PASS
Band17	5	23825	25	#0	QPSK	22.67	-4.6	15.92	PASS
Band17	5	23825	1	#0	16QAM	22.87	-4.6	16.12	PASS

Band17	5	23825	1	#Mid	16QAM	23.23	-4.6	16.48	PASS
Band17	5	23825	1	#Max	16QAM	22.75	-4.6	16.00	PASS
Band17	5	23825	12	#0	16QAM	21.67	-4.6	14.92	PASS
Band17	5	23825	12	#Mid	16QAM	21.76	-4.6	15.01	PASS
Band17	5	23825	12	#Max	16QAM	21.60	-4.6	14.85	PASS
Band17	5	23825	25	#0	16QAM	21.65	-4.6	14.90	PASS
Band17	10	23780	1	#0	QPSK	23.59	-4.6	16.84	PASS
Band17	10	23780	1	#Mid	QPSK	23.80	-4.6	17.05	PASS
Band17	10	23780	1	#Max	QPSK	23.63	-4.6	16.88	PASS
Band17	10	23780	25	#0	QPSK	22.73	-4.6	15.98	PASS
Band17	10	23780	25	#Mid	QPSK	22.73	-4.6	15.98	PASS
Band17	10	23780	25	#Max	QPSK	22.75	-4.6	16.00	PASS
Band17	10	23780	50	#0	QPSK	22.70	-4.6	15.95	PASS
Band17	10	23780	1	#0	16QAM	22.73	-4.6	15.98	PASS
Band17	10	23780	1	#Mid	16QAM	22.98	-4.6	16.23	PASS
Band17	10	23780	1	#Max	16QAM	22.71	-4.6	15.96	PASS
Band17	10	23780	25	#0	16QAM	21.71	-4.6	14.96	PASS
Band17	10	23780	25	#Mid	16QAM	21.77	-4.6	15.02	PASS
Band17	10	23780	25	#Max	16QAM	21.77	-4.6	15.02	PASS
Band17	10	23780	50	#0	16QAM	21.77	-4.6	15.02	PASS
Band17	10	23790	1	#0	QPSK	23.72	-4.6	16.97	PASS
Band17	10	23790	1	#Mid	QPSK	23.87	-4.6	17.12	PASS
Band17	10	23790	1	#Max	QPSK	23.73	-4.6	16.98	PASS
Band17	10	23790	25	#0	QPSK	22.72	-4.6	15.97	PASS
Band17	10	23790	25	#Mid	QPSK	22.68	-4.6	15.93	PASS
Band17	10	23790	25	#Max	QPSK	22.68	-4.6	15.93	PASS
Band17	10	23790	50	#0	QPSK	22.70	-4.6	15.95	PASS
Band17	10	23790	1	#0	16QAM	22.50	-4.6	15.75	PASS
Band17	10	23790	1	#Mid	16QAM	22.65	-4.6	15.90	PASS
Band17	10	23790	1	#Max	16QAM	22.43	-4.6	15.68	PASS
Band17	10	23790	25	#0	16QAM	21.74	-4.6	14.99	PASS
Band17	10	23790	25	#Mid	16QAM	21.68	-4.6	14.93	PASS
Band17	10	23790	25	#Max	16QAM	21.71	-4.6	14.96	PASS
Band17	10	23790	50	#0	16QAM	21.68	-4.6	14.93	PASS
Band17	10	23800	1	#0	QPSK	23.60	-4.6	16.85	PASS
Band17	10	23800	1	#Mid	QPSK	23.78	-4.6	17.03	PASS
Band17	10	23800	1	#Max	QPSK	23.60	-4.6	16.85	PASS
Band17	10	23800	25	#0	QPSK	22.72	-4.6	15.97	PASS
Band17	10	23800	25	#Mid	QPSK	22.73	-4.6	15.98	PASS
Band17	10	23800	25	#Max	QPSK	22.68	-4.6	15.93	PASS
Band17	10	23800	50	#0	QPSK	22.74	-4.6	15.99	PASS
Band17	10	23800	1	#0	16QAM	23.05	-4.6	16.30	PASS
Band17	10	23800	1	#Mid	16QAM	23.18	-4.6	16.43	PASS

Band17	10	23800	1	#Max	16QAM	22.93	-4.6	16.18	PASS
Band17	10	23800	25	#0	16QAM	21.78	-4.6	15.03	PASS
Band17	10	23800	25	#Mid	16QAM	21.76	-4.6	15.01	PASS
Band17	10	23800	25	#Max	16QAM	21.73	-4.6	14.98	PASS
Band17	10	23800	50	#0	16QAM	21.74	-4.6	14.99	PASS



Appendix 2. Frequency stability

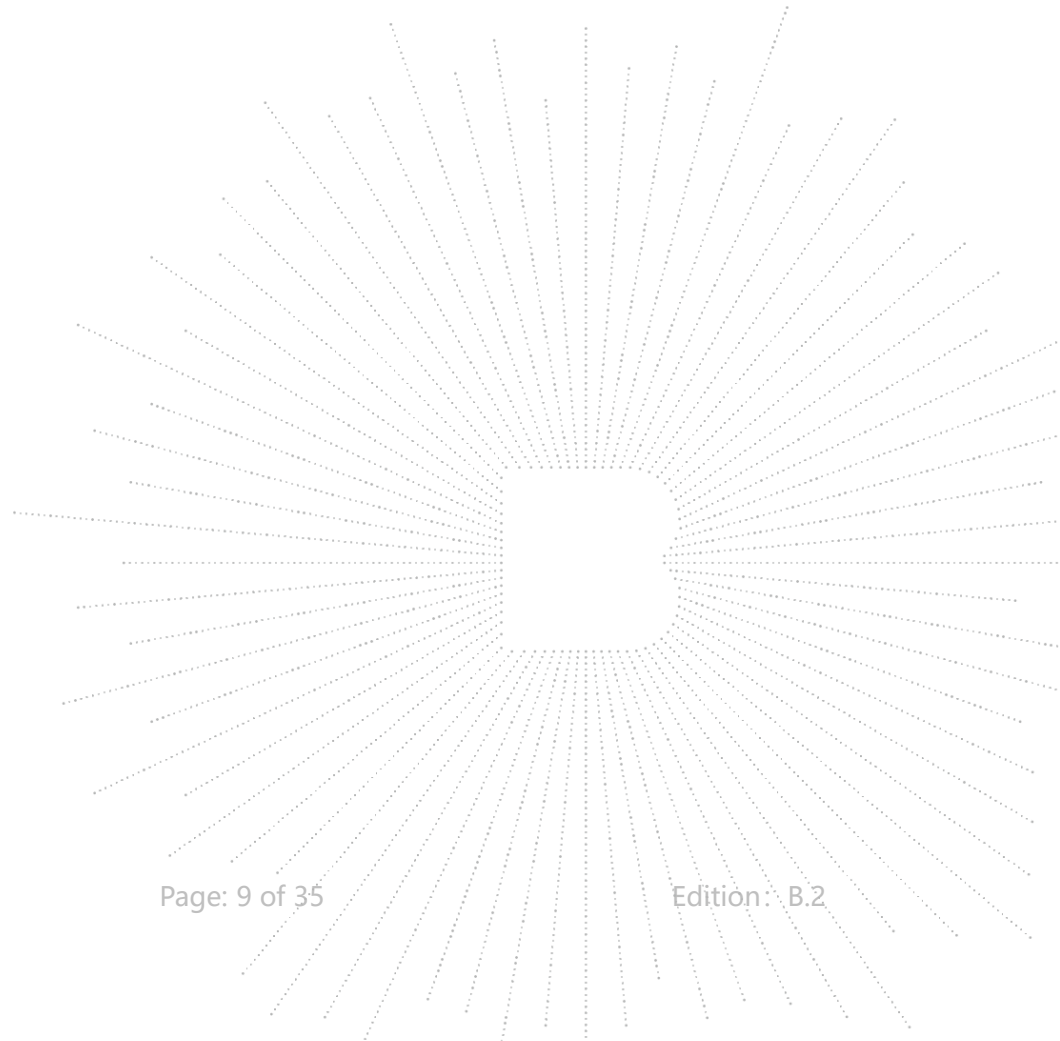
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band17	5	23755	25	#0	QPSK	LV	NT	-9.51	-0.013	PASS
Band17	5	23755	25	#0	QPSK	NV	NT	-12.85	-0.018	PASS
Band17	5	23755	25	#0	QPSK	HV	NT	-10.37	-0.015	PASS
Band17	5	23755	25	#0	16QAM	LV	NT	-7.91	-0.011	PASS
Band17	5	23755	25	#0	16QAM	NV	NT	-8.60	-0.012	PASS
Band17	5	23755	25	#0	16QAM	HV	NT	-10.34	-0.015	PASS
Band17	5	23790	25	#0	QPSK	LV	NT	-9.73	-0.014	PASS
Band17	5	23790	25	#0	QPSK	NV	NT	-10.16	-0.014	PASS
Band17	5	23790	25	#0	QPSK	HV	NT	-6.82	-0.010	PASS
Band17	5	23790	25	#0	16QAM	LV	NT	-6.41	-0.009	PASS
Band17	5	23790	25	#0	16QAM	NV	NT	-6.59	-0.009	PASS
Band17	5	23790	25	#0	16QAM	HV	NT	-9.61	-0.014	PASS
Band17	5	23825	25	#0	QPSK	LV	NT	-7.94	-0.011	PASS
Band17	5	23825	25	#0	QPSK	NV	NT	-7.97	-0.011	PASS
Band17	5	23825	25	#0	QPSK	HV	NT	-6.37	-0.009	PASS
Band17	5	23825	25	#0	16QAM	LV	NT	-6.09	-0.009	PASS
Band17	5	23825	25	#0	16QAM	NV	NT	-7.65	-0.011	PASS
Band17	5	23825	25	#0	16QAM	HV	NT	-9.26	-0.013	PASS
Band17	10	23780	50	#0	QPSK	LV	NT	-5.84	-0.008	PASS
Band17	10	23780	50	#0	QPSK	NV	NT	-4.21	-0.006	PASS
Band17	10	23780	50	#0	QPSK	HV	NT	-8.18	-0.012	PASS
Band17	10	23780	50	#0	16QAM	LV	NT	-9.30	-0.013	PASS
Band17	10	23780	50	#0	16QAM	NV	NT	-6.81	-0.010	PASS
Band17	10	23780	50	#0	16QAM	HV	NT	-6.88	-0.010	PASS
Band17	10	23790	50	#0	QPSK	LV	NT	-5.02	-0.007	PASS
Band17	10	23790	50	#0	QPSK	NV	NT	-7.40	-0.010	PASS
Band17	10	23790	50	#0	QPSK	HV	NT	-6.08	-0.009	PASS
Band17	10	23790	50	#0	16QAM	LV	NT	-9.84	-0.014	PASS
Band17	10	23790	50	#0	16QAM	NV	NT	-6.74	-0.009	PASS
Band17	10	23790	50	#0	16QAM	HV	NT	-8.63	-0.012	PASS
Band17	10	23800	50	#0	QPSK	LV	NT	-4.89	-0.007	PASS
Band17	10	23800	50	#0	QPSK	NV	NT	-8.50	-0.012	PASS
Band17	10	23800	50	#0	QPSK	HV	NT	-4.68	-0.007	PASS
Band17	10	23800	50	#0	16QAM	LV	NT	-7.71	-0.011	PASS
Band17	10	23800	50	#0	16QAM	NV	NT	-8.78	-0.012	PASS
Band17	10	23800	50	#0	16QAM	HV	NT	-7.88	-0.011	PASS

Band	Bandwidth	UL	RB	RB	Modulation	Voltage	Temperatue	Result	Result	Verdict
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	(MHz)	Channel	Size	Position		(Vdc)	(C)	(Hz)	(ppm)	
Band17	5	23755	25	#0	QPSK	NV	-30	-6.71	-0.009	PASS
Band17	5	23755	25	#0	QPSK	NV	-20	-8.05	-0.011	PASS
Band17	5	23755	25	#0	QPSK	NV	-10	-7.22	-0.010	PASS
Band17	5	23755	25	#0	QPSK	NV	0	-4.95	-0.007	PASS
Band17	5	23755	25	#0	QPSK	NV	10	-9.00	-0.013	PASS
Band17	5	23755	25	#0	QPSK	NV	20	-5.45	-0.008	PASS
Band17	5	23755	25	#0	QPSK	NV	30	-6.88	-0.010	PASS
Band17	5	23755	25	#0	QPSK	NV	40	-10.54	-0.015	PASS
Band17	5	23755	25	#0	QPSK	NV	50	-6.44	-0.009	PASS
Band17	5	23755	25	#0	16QAM	NV	-30	-6.15	-0.009	PASS
Band17	5	23755	25	#0	16QAM	NV	-20	-9.03	-0.013	PASS
Band17	5	23755	25	#0	16QAM	NV	-10	-8.80	-0.012	PASS
Band17	5	23755	25	#0	16QAM	NV	0	-5.51	-0.008	PASS
Band17	5	23755	25	#0	16QAM	NV	10	-2.22	-0.003	PASS
Band17	5	23755	25	#0	16QAM	NV	20	-6.77	-0.010	PASS
Band17	5	23755	25	#0	16QAM	NV	30	-4.02	-0.006	PASS
Band17	5	23755	25	#0	16QAM	NV	40	-1.59	-0.002	PASS
Band17	5	23755	25	#0	16QAM	NV	50	-5.49	-0.008	PASS
Band17	5	23790	25	#0	QPSK	NV	-30	-4.62	-0.007	PASS
Band17	5	23790	25	#0	QPSK	NV	-20	-7.55	-0.011	PASS
Band17	5	23790	25	#0	QPSK	NV	-10	-4.45	-0.006	PASS
Band17	5	23790	25	#0	QPSK	NV	0	-4.31	-0.006	PASS
Band17	5	23790	25	#0	QPSK	NV	10	-1.73	-0.002	PASS
Band17	5	23790	25	#0	QPSK	NV	20	-7.15	-0.010	PASS
Band17	5	23790	25	#0	QPSK	NV	30	-6.88	-0.010	PASS
Band17	5	23790	25	#0	QPSK	NV	40	-6.22	-0.009	PASS
Band17	5	23790	25	#0	QPSK	NV	50	-6.39	-0.009	PASS
Band17	5	23790	25	#0	16QAM	NV	-30	-5.36	-0.008	PASS
Band17	5	23790	25	#0	16QAM	NV	-20	-2.33	-0.003	PASS
Band17	5	23790	25	#0	16QAM	NV	-10	-4.13	-0.006	PASS
Band17	5	23790	25	#0	16QAM	NV	0	-9.14	-0.013	PASS
Band17	5	23790	25	#0	16QAM	NV	10	-8.40	-0.012	PASS
Band17	5	23790	25	#0	16QAM	NV	20	-7.65	-0.011	PASS
Band17	5	23790	25	#0	16QAM	NV	30	-4.41	-0.006	PASS
Band17	5	23790	25	#0	16QAM	NV	40	-7.45	-0.010	PASS
Band17	5	23790	25	#0	16QAM	NV	50	-3.93	-0.006	PASS
Band17	5	23825	25	#0	QPSK	NV	-30	-7.61	-0.011	PASS
Band17	5	23825	25	#0	QPSK	NV	-20	-7.20	-0.010	PASS
Band17	5	23825	25	#0	QPSK	NV	-10	-2.75	-0.004	PASS
Band17	5	23825	25	#0	QPSK	NV	0	-5.01	-0.007	PASS
Band17	5	23825	25	#0	QPSK	NV	10	-1.80	-0.003	PASS
Band17	5	23825	25	#0	QPSK	NV	20	-4.72	-0.007	PASS

Band17	5	23825	25	#0	QPSK	NV	30	-3.72	-0.005	PASS
Band17	5	23825	25	#0	QPSK	NV	40	-2.69	-0.004	PASS
Band17	5	23825	25	#0	QPSK	NV	50	-3.98	-0.006	PASS
Band17	5	23825	25	#0	16QAM	NV	-30	-5.97	-0.008	PASS
Band17	5	23825	25	#0	16QAM	NV	-20	-2.56	-0.004	PASS
Band17	5	23825	25	#0	16QAM	NV	-10	-0.63	-0.001	PASS
Band17	5	23825	25	#0	16QAM	NV	0	-1.67	-0.002	PASS
Band17	5	23825	25	#0	16QAM	NV	10	-6.45	-0.009	PASS
Band17	5	23825	25	#0	16QAM	NV	20	-9.11	-0.013	PASS
Band17	5	23825	25	#0	16QAM	NV	30	-8.71	-0.012	PASS
Band17	5	23825	25	#0	16QAM	NV	40	-7.12	-0.010	PASS
Band17	5	23825	25	#0	16QAM	NV	50	-9.01	-0.013	PASS
Band17	10	23780	50	#0	QPSK	NV	-30	-6.32	-0.009	PASS
Band17	10	23780	50	#0	QPSK	NV	-20	-8.14	-0.011	PASS
Band17	10	23780	50	#0	QPSK	NV	-10	-7.61	-0.011	PASS
Band17	10	23780	50	#0	QPSK	NV	0	-8.94	-0.013	PASS
Band17	10	23780	50	#0	QPSK	NV	10	-8.31	-0.012	PASS
Band17	10	23780	50	#0	QPSK	NV	20	-7.25	-0.010	PASS
Band17	10	23780	50	#0	QPSK	NV	30	-6.28	-0.009	PASS
Band17	10	23780	50	#0	QPSK	NV	40	-10.07	-0.014	PASS
Band17	10	23780	50	#0	QPSK	NV	50	-8.63	-0.012	PASS
Band17	10	23780	50	#0	16QAM	NV	-30	-8.61	-0.012	PASS
Band17	10	23780	50	#0	16QAM	NV	-20	-8.88	-0.013	PASS
Band17	10	23780	50	#0	16QAM	NV	-10	-5.18	-0.007	PASS
Band17	10	23780	50	#0	16QAM	NV	0	-5.58	-0.008	PASS
Band17	10	23780	50	#0	16QAM	NV	10	-6.47	-0.009	PASS
Band17	10	23780	50	#0	16QAM	NV	20	-8.44	-0.012	PASS
Band17	10	23780	50	#0	16QAM	NV	30	-7.57	-0.011	PASS
Band17	10	23780	50	#0	16QAM	NV	40	-8.48	-0.012	PASS
Band17	10	23780	50	#0	16QAM	NV	50	-8.65	-0.012	PASS
Band17	10	23790	50	#0	QPSK	NV	-30	-5.31	-0.007	PASS
Band17	10	23790	50	#0	QPSK	NV	-20	-7.51	-0.011	PASS
Band17	10	23790	50	#0	QPSK	NV	-10	-7.15	-0.010	PASS
Band17	10	23790	50	#0	QPSK	NV	0	-8.31	-0.012	PASS
Band17	10	23790	50	#0	QPSK	NV	10	-8.85	-0.012	PASS
Band17	10	23790	50	#0	QPSK	NV	20	-8.34	-0.012	PASS
Band17	10	23790	50	#0	QPSK	NV	30	-9.07	-0.013	PASS
Band17	10	23790	50	#0	QPSK	NV	40	-9.33	-0.013	PASS
Band17	10	23790	50	#0	QPSK	NV	50	-8.85	-0.012	PASS
Band17	10	23790	50	#0	16QAM	NV	-30	-5.08	-0.007	PASS
Band17	10	23790	50	#0	16QAM	NV	-20	-4.56	-0.006	PASS
Band17	10	23790	50	#0	16QAM	NV	-10	-4.94	-0.007	PASS
Band17	10	23790	50	#0	16QAM	NV	0	-4.41	-0.006	PASS

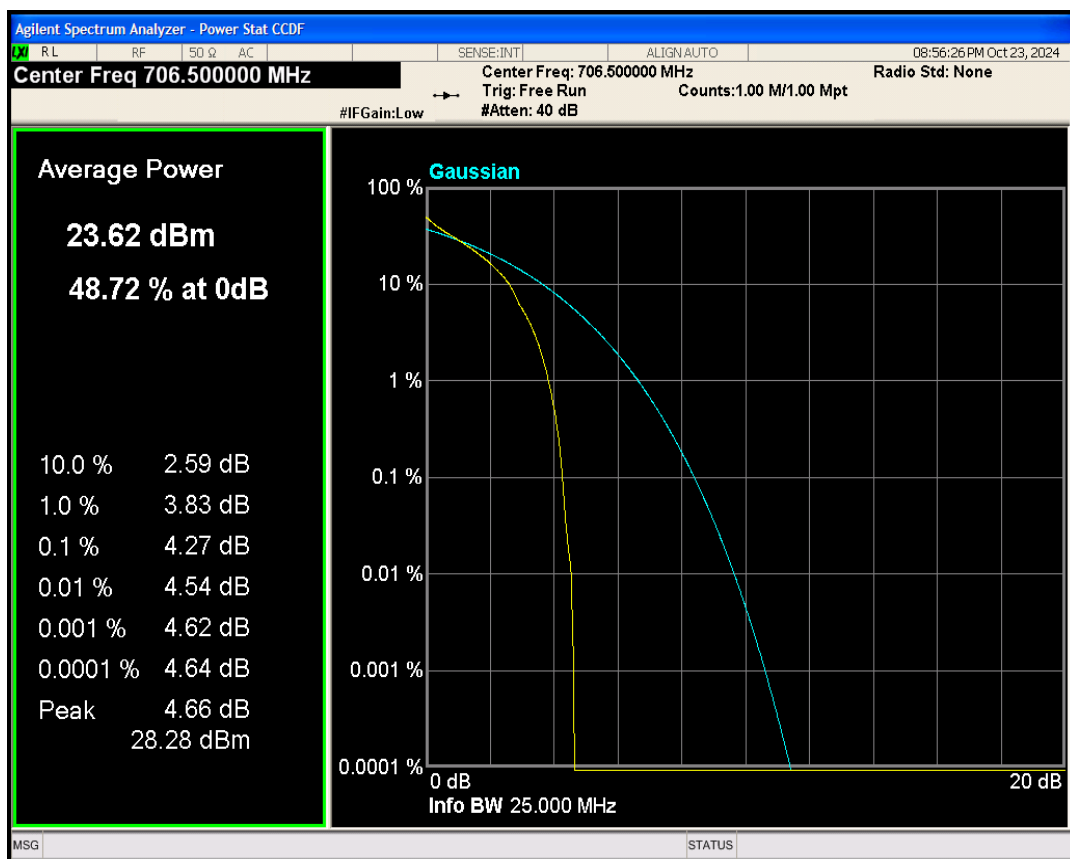
Band17	10	23790	50	#0	16QAM	NV	10	-7.35	-0.010	PASS
Band17	10	23790	50	#0	16QAM	NV	20	-6.67	-0.009	PASS
Band17	10	23790	50	#0	16QAM	NV	30	-5.74	-0.008	PASS
Band17	10	23790	50	#0	16QAM	NV	40	-7.12	-0.010	PASS
Band17	10	23790	50	#0	16QAM	NV	50	-8.37	-0.012	PASS
Band17	10	23800	50	#0	QPSK	NV	-30	-8.68	-0.012	PASS
Band17	10	23800	50	#0	QPSK	NV	-20	-8.34	-0.012	PASS
Band17	10	23800	50	#0	QPSK	NV	-10	-8.90	-0.013	PASS
Band17	10	23800	50	#0	QPSK	NV	0	-6.75	-0.009	PASS
Band17	10	23800	50	#0	QPSK	NV	10	-1.69	-0.002	PASS
Band17	10	23800	50	#0	QPSK	NV	20	-5.61	-0.008	PASS
Band17	10	23800	50	#0	QPSK	NV	30	-5.81	-0.008	PASS
Band17	10	23800	50	#0	QPSK	NV	40	-6.75	-0.009	PASS
Band17	10	23800	50	#0	QPSK	NV	50	-7.54	-0.011	PASS
Band17	10	23800	50	#0	16QAM	NV	-30	-4.08	-0.006	PASS
Band17	10	23800	50	#0	16QAM	NV	-20	-4.63	-0.007	PASS
Band17	10	23800	50	#0	16QAM	NV	-10	-3.30	-0.005	PASS
Band17	10	23800	50	#0	16QAM	NV	0	-2.53	-0.004	PASS
Band17	10	23800	50	#0	16QAM	NV	10	-2.19	-0.003	PASS
Band17	10	23800	50	#0	16QAM	NV	20	-4.01	-0.006	PASS
Band17	10	23800	50	#0	16QAM	NV	30	-4.31	-0.006	PASS
Band17	10	23800	50	#0	16QAM	NV	40	-3.52	-0.005	PASS
Band17	10	23800	50	#0	16QAM	NV	50	-3.76	-0.005	PASS



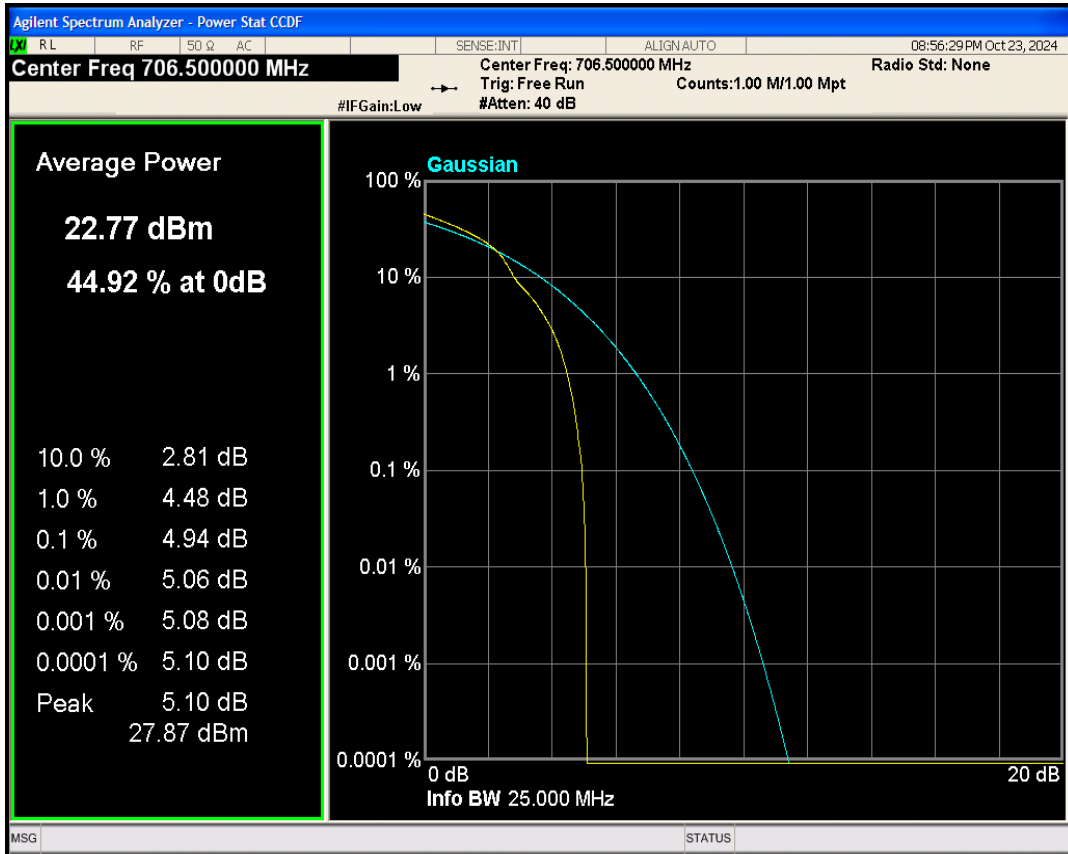
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band17	5	23755	1	#0	QPSK	4.27	13	PASS
Band17	5	23755	1	#0	16QAM	4.94	13	PASS
Band17	5	23790	1	#0	QPSK	3.68	13	PASS
Band17	5	23790	1	#0	16QAM	4.42	13	PASS
Band17	5	23825	1	#0	QPSK	4.60	13	PASS
Band17	5	23825	1	#0	16QAM	5.22	13	PASS
Band17	10	23780	1	#0	QPSK	4.21	13	PASS
Band17	10	23780	1	#0	16QAM	4.96	13	PASS
Band17	10	23790	1	#0	QPSK	4.05	13	PASS
Band17	10	23790	1	#0	16QAM	4.98	13	PASS
Band17	10	23800	1	#0	QPSK	3.89	13	PASS
Band17	10	23800	1	#0	16QAM	4.85	13	PASS

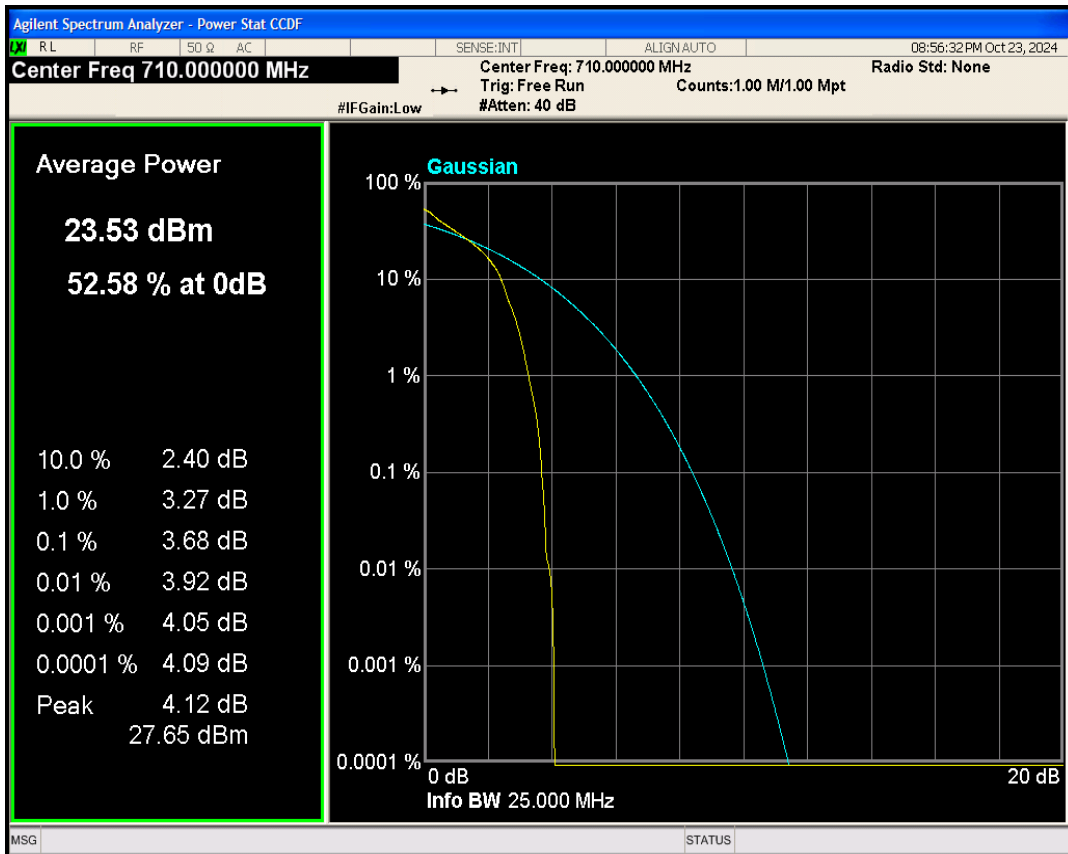
Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#0



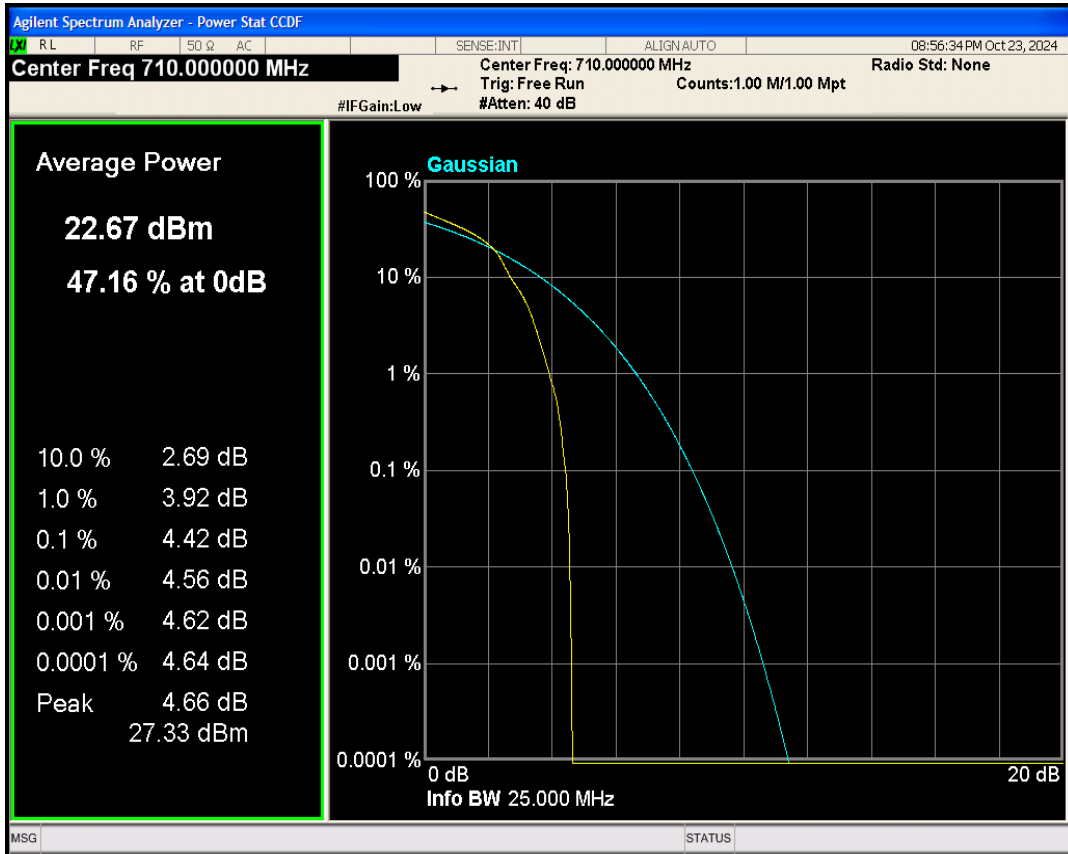
Band17 16QAM BW=5MHz Channel=23755 RB Size=1 Position=#0



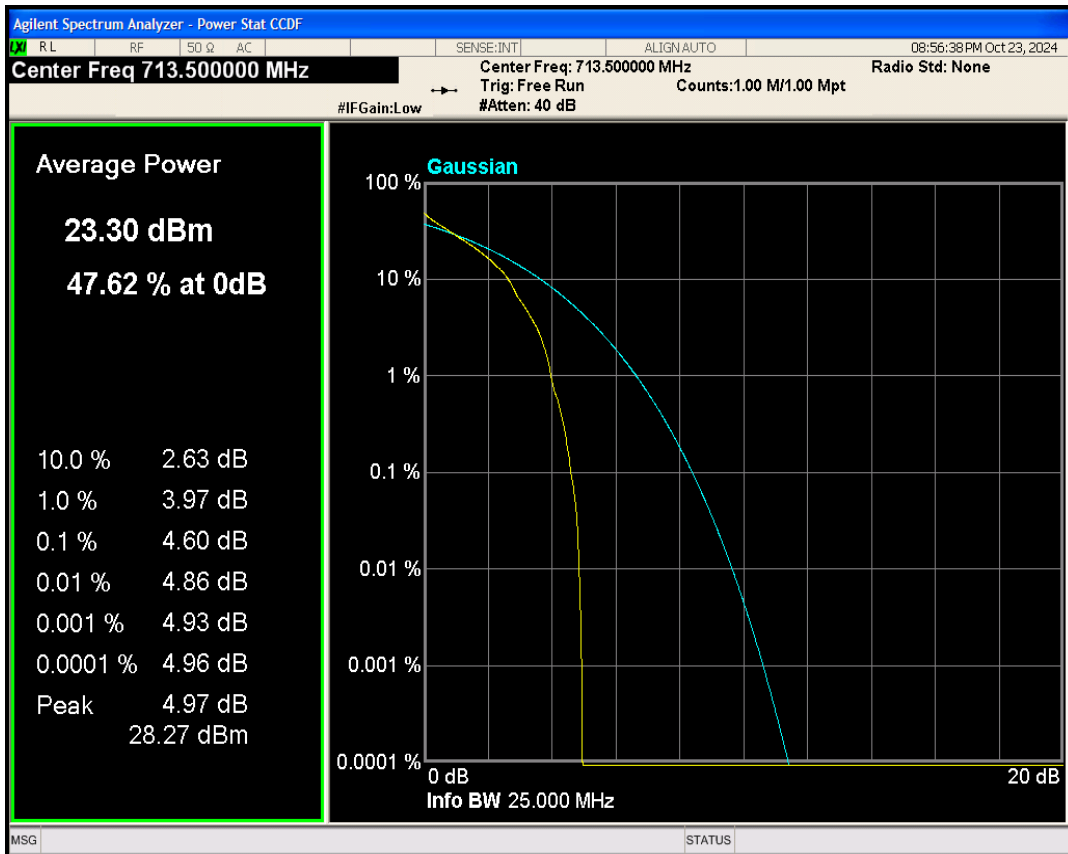
Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0



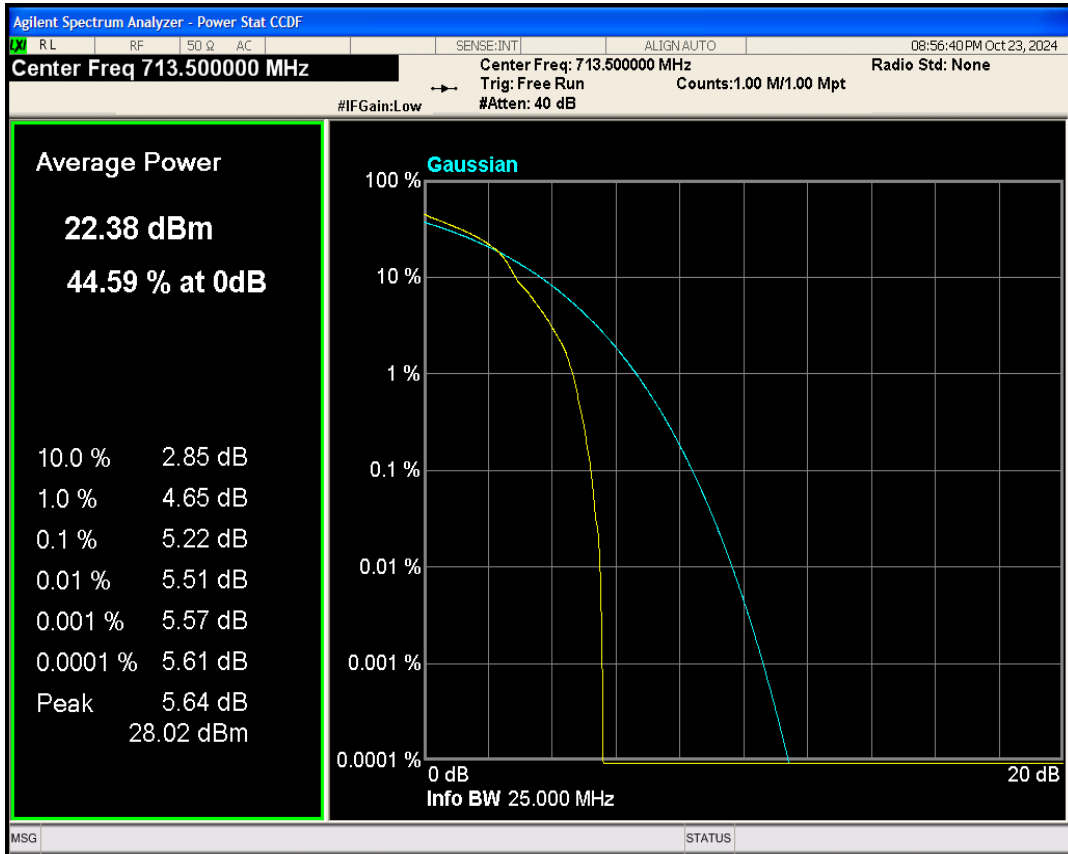
Band17 16QAM BW=5MHz Channel=23790 RB Size=1 Position=#0



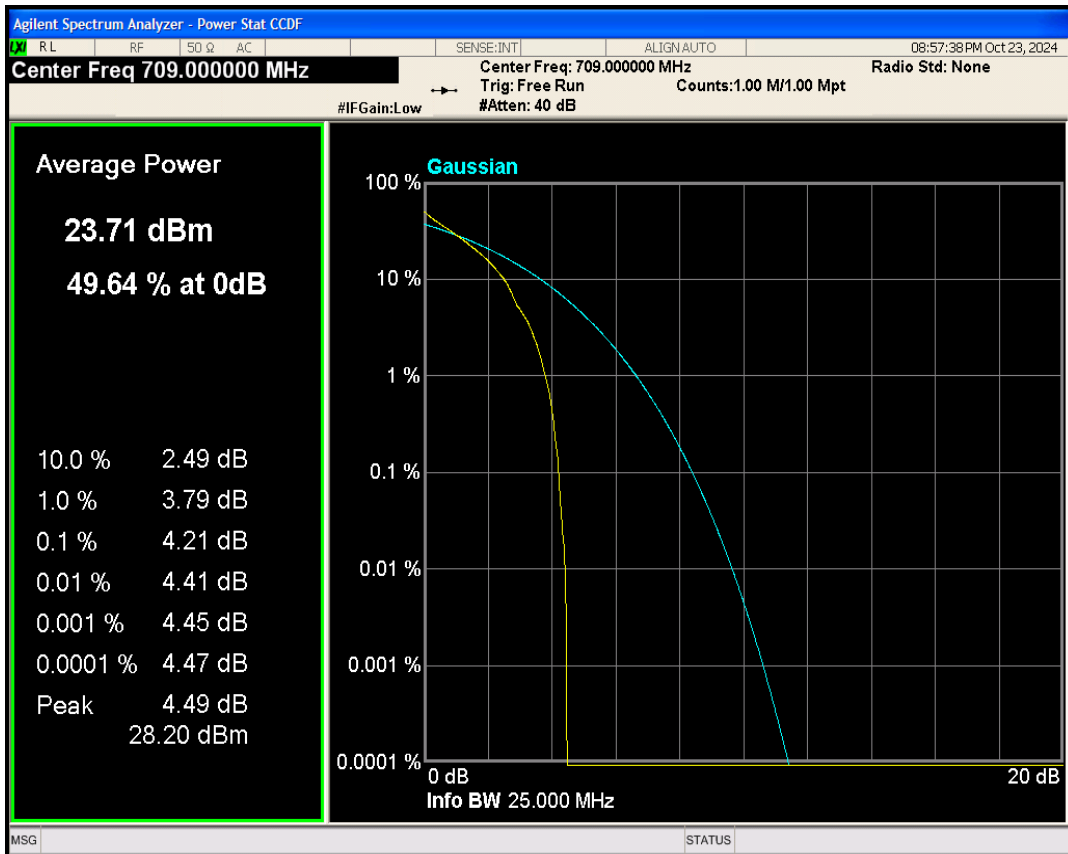
Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0



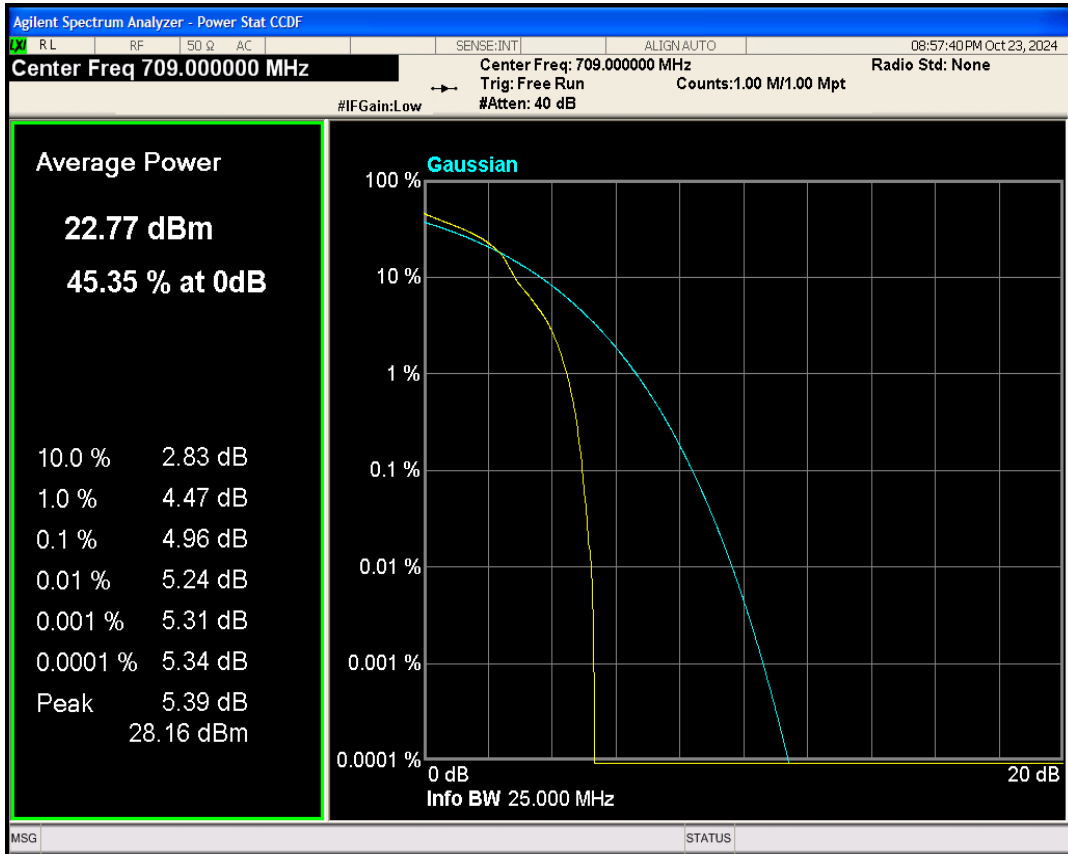
Band17 16QAM BW=5MHz Channel=23825 RB Size=1 Position=#0



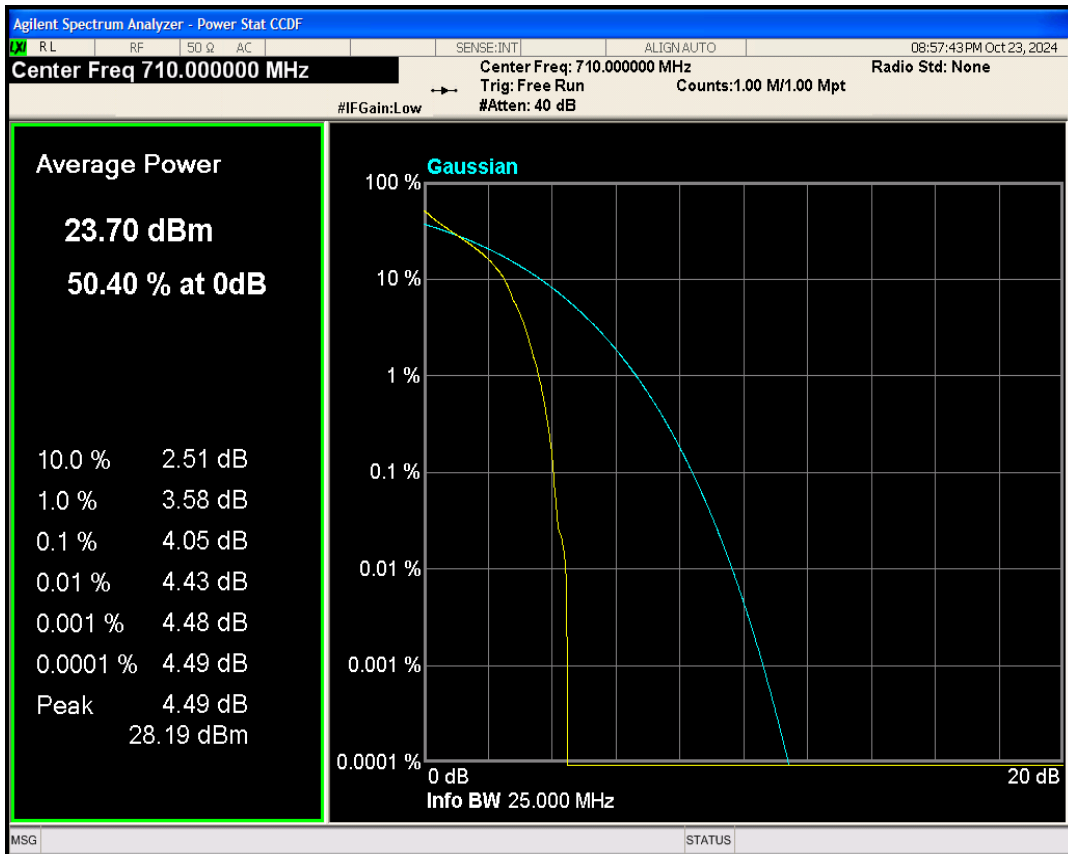
Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0



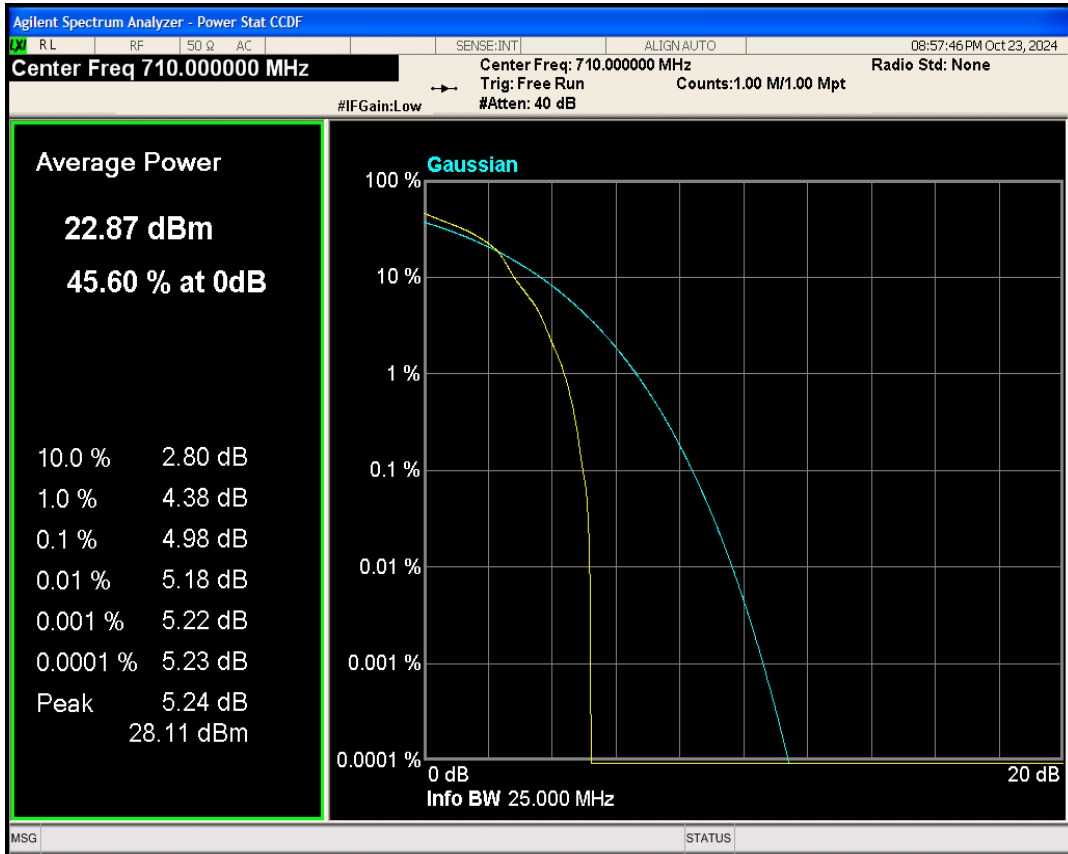
Band17 16QAM BW=10MHz Channel=23780 RB Size=1 Position=#0



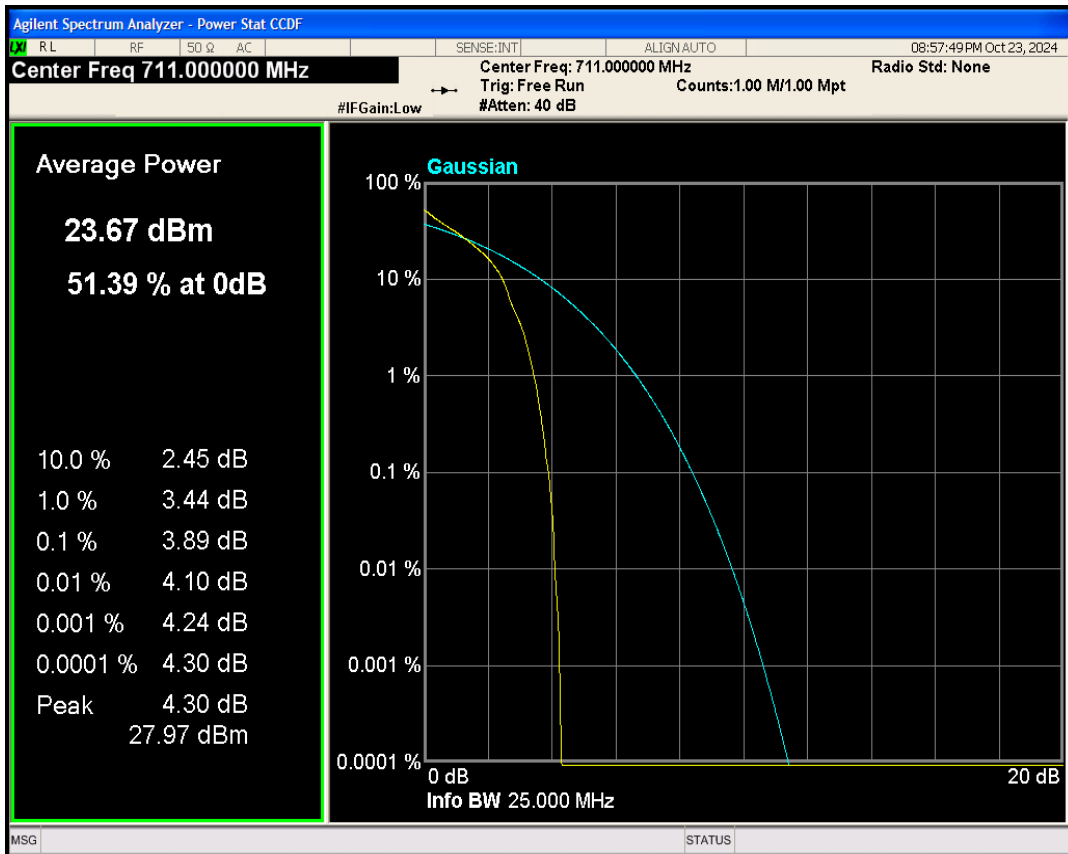
Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0



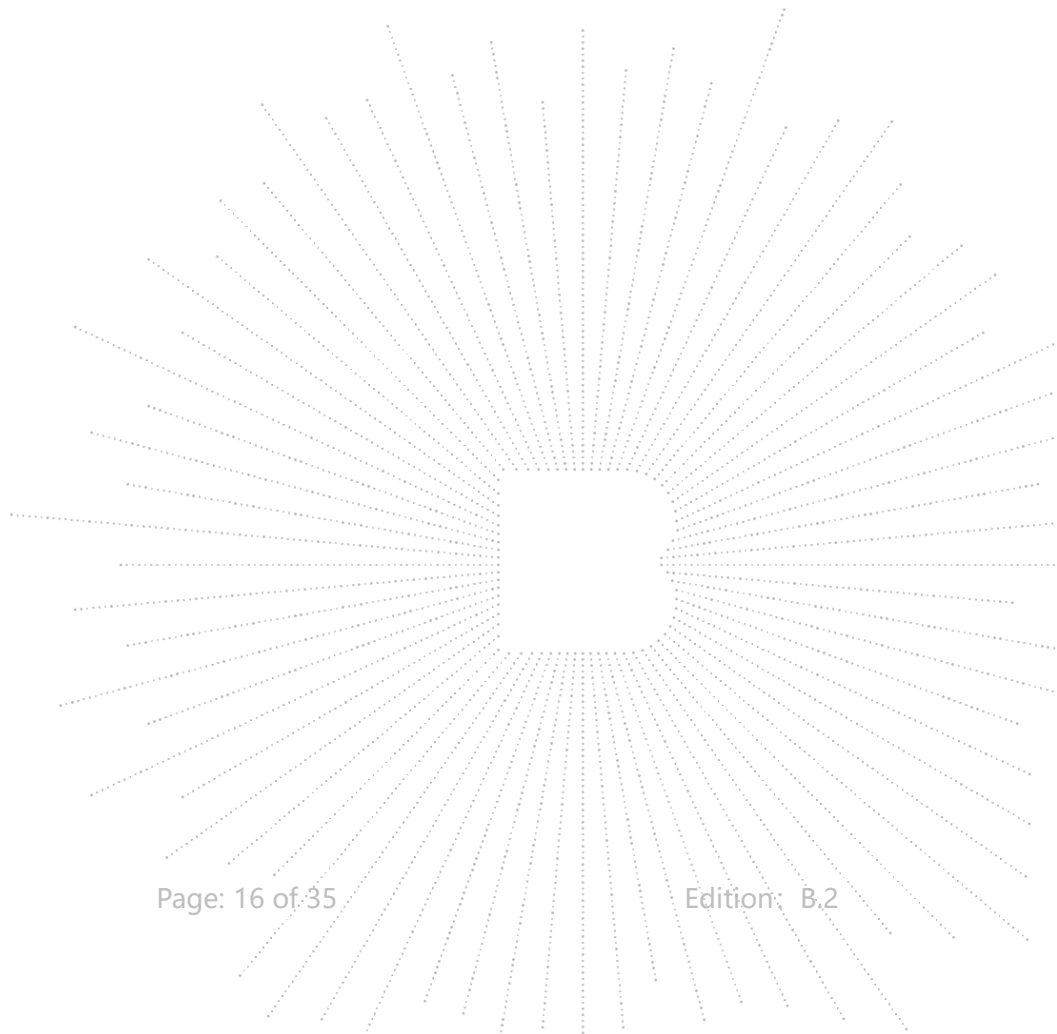
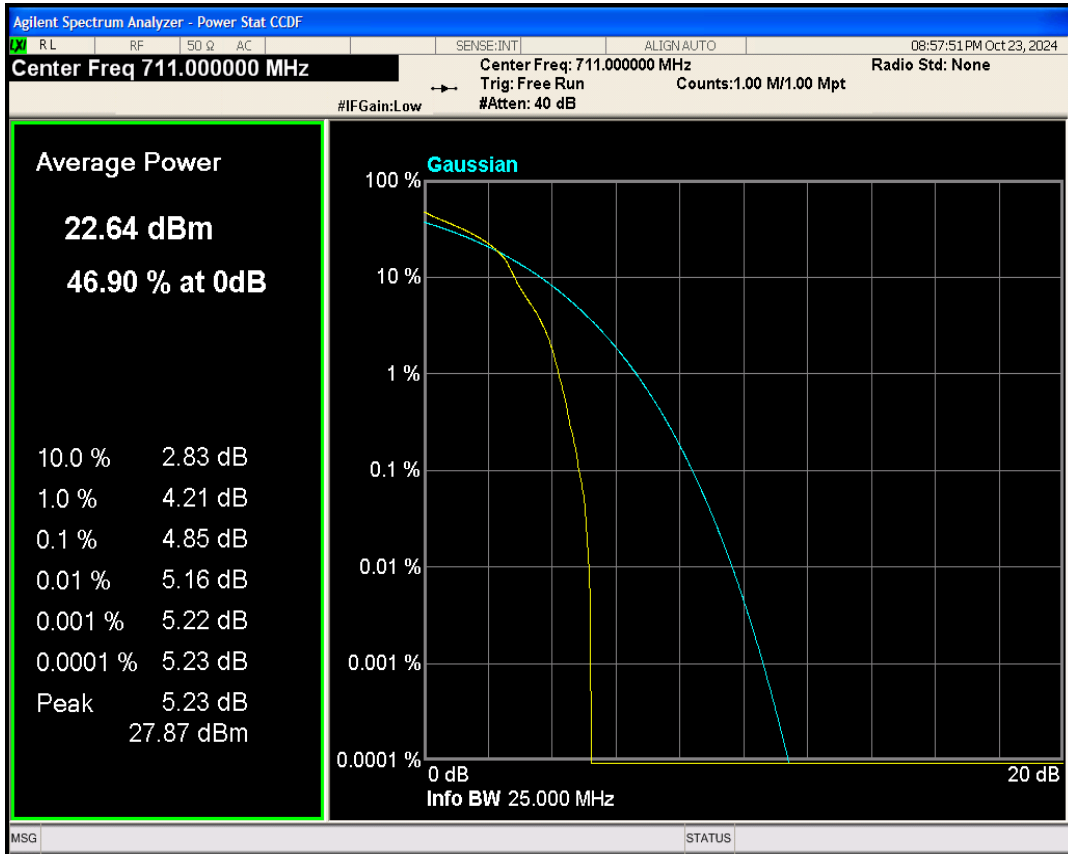
Band17 16QAM BW=10MHz Channel=23790 RB Size=1 Position=#0



Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0



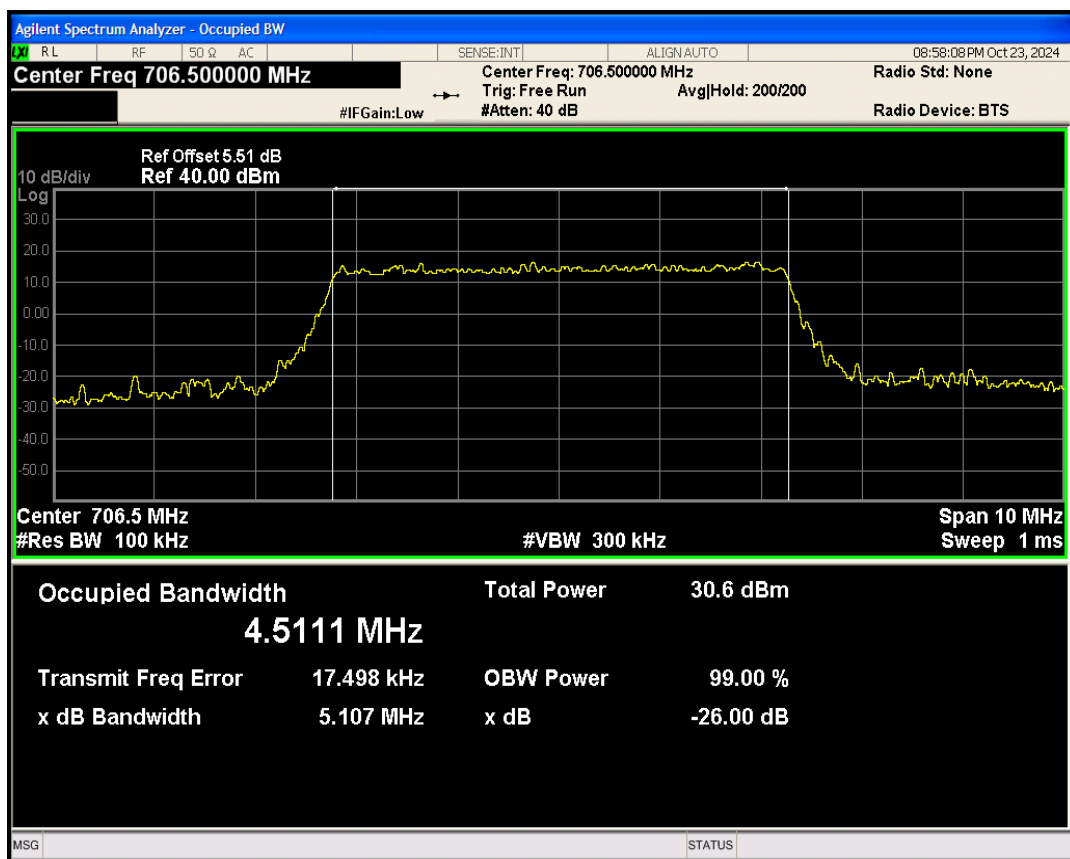
Band17 16QAM BW=10MHz Channel=23800 RB Size=1 Position=#0



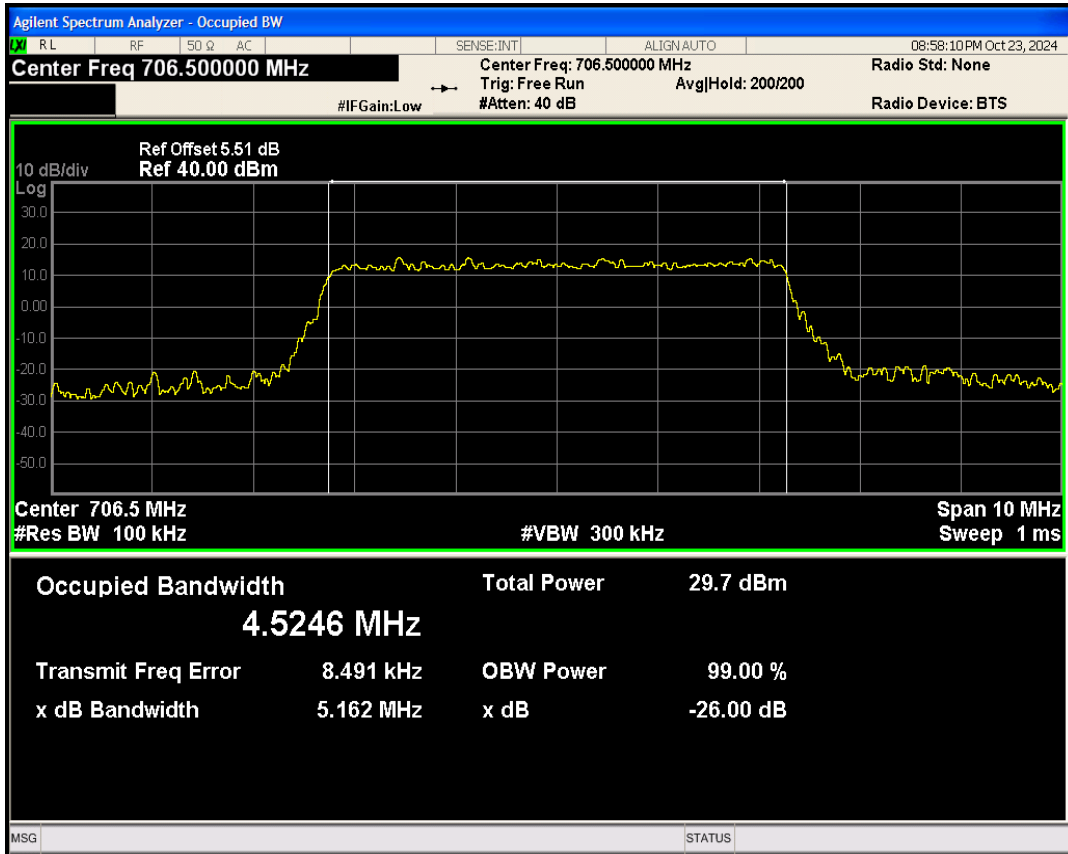
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band17	5	23755	25	#0	QPSK	4.511	5.107	PASS
Band17	5	23755	25	#0	16QAM	4.525	5.162	PASS
Band17	5	23790	25	#0	QPSK	4.523	5.069	PASS
Band17	5	23790	25	#0	16QAM	4.534	5.098	PASS
Band17	5	23825	25	#0	QPSK	4.524	5.081	PASS
Band17	5	23825	25	#0	16QAM	4.516	5.110	PASS
Band17	10	23780	50	#0	QPSK	8.995	10.032	PASS
Band17	10	23780	50	#0	16QAM	8.977	9.976	PASS
Band17	10	23790	50	#0	QPSK	9.000	9.998	PASS
Band17	10	23790	50	#0	16QAM	9.015	9.996	PASS
Band17	10	23800	50	#0	QPSK	9.008	9.925	PASS
Band17	10	23800	50	#0	16QAM	8.998	9.880	PASS

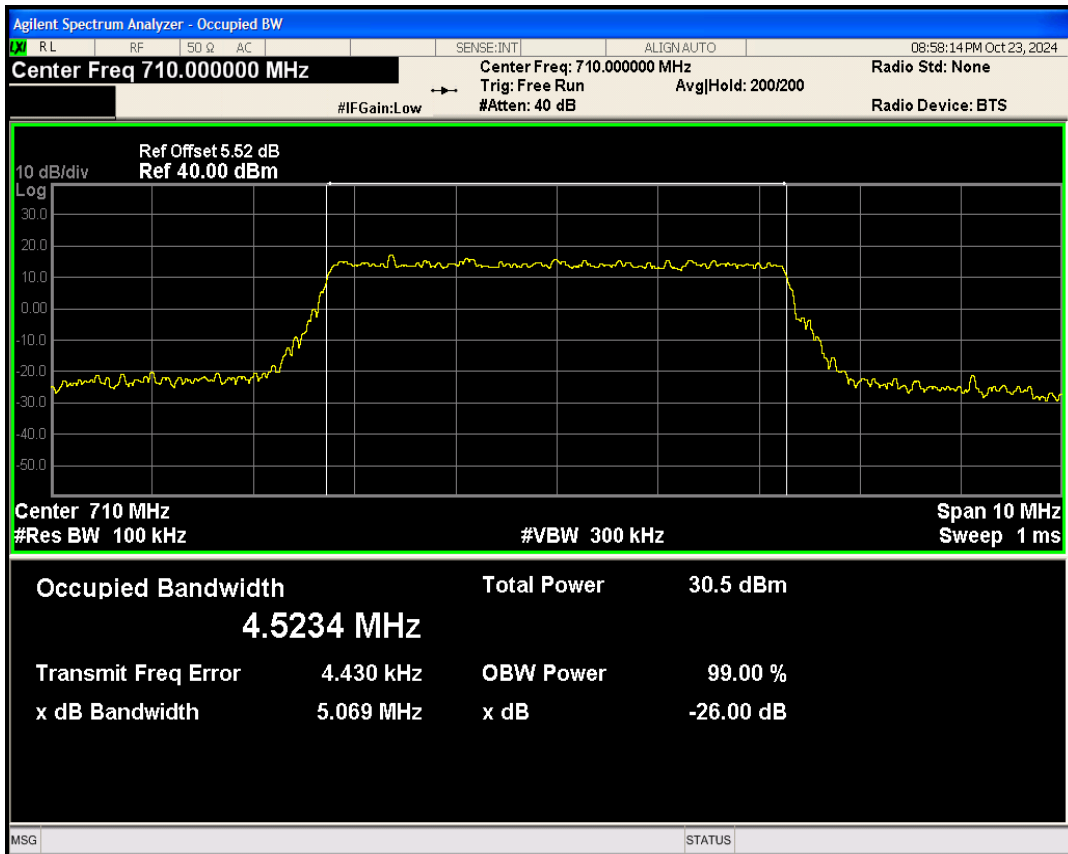
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



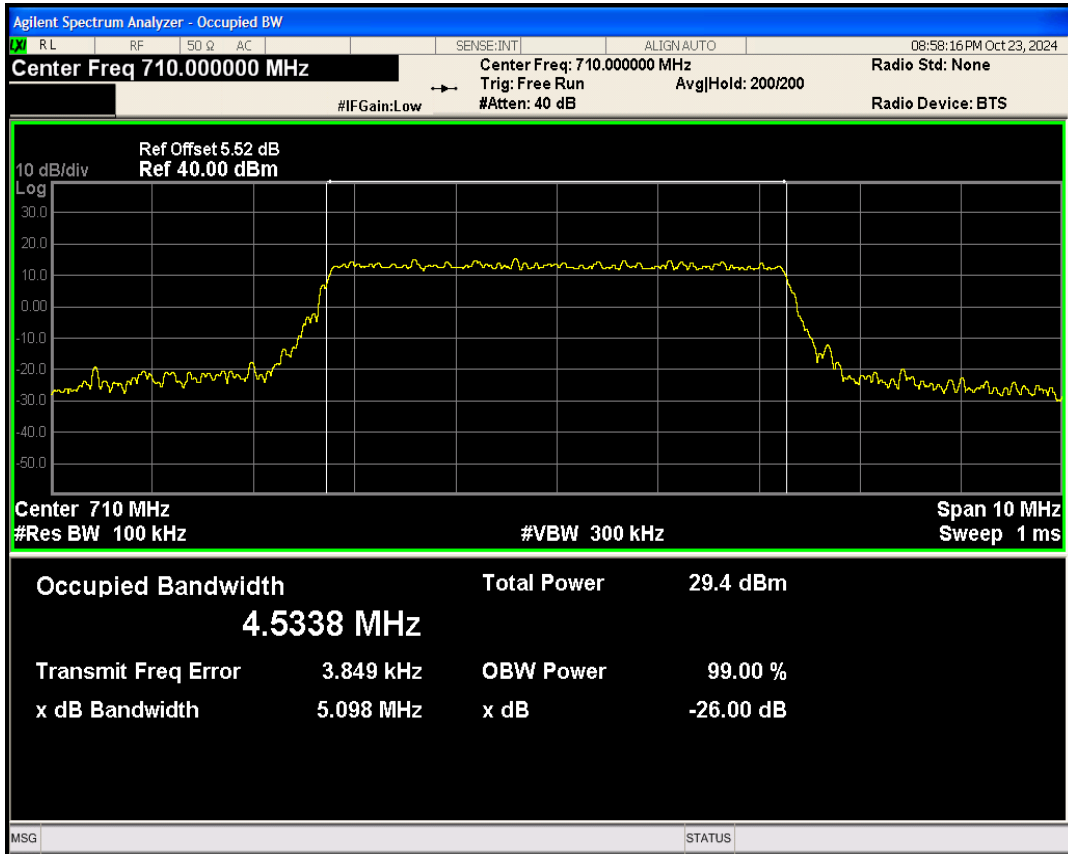
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



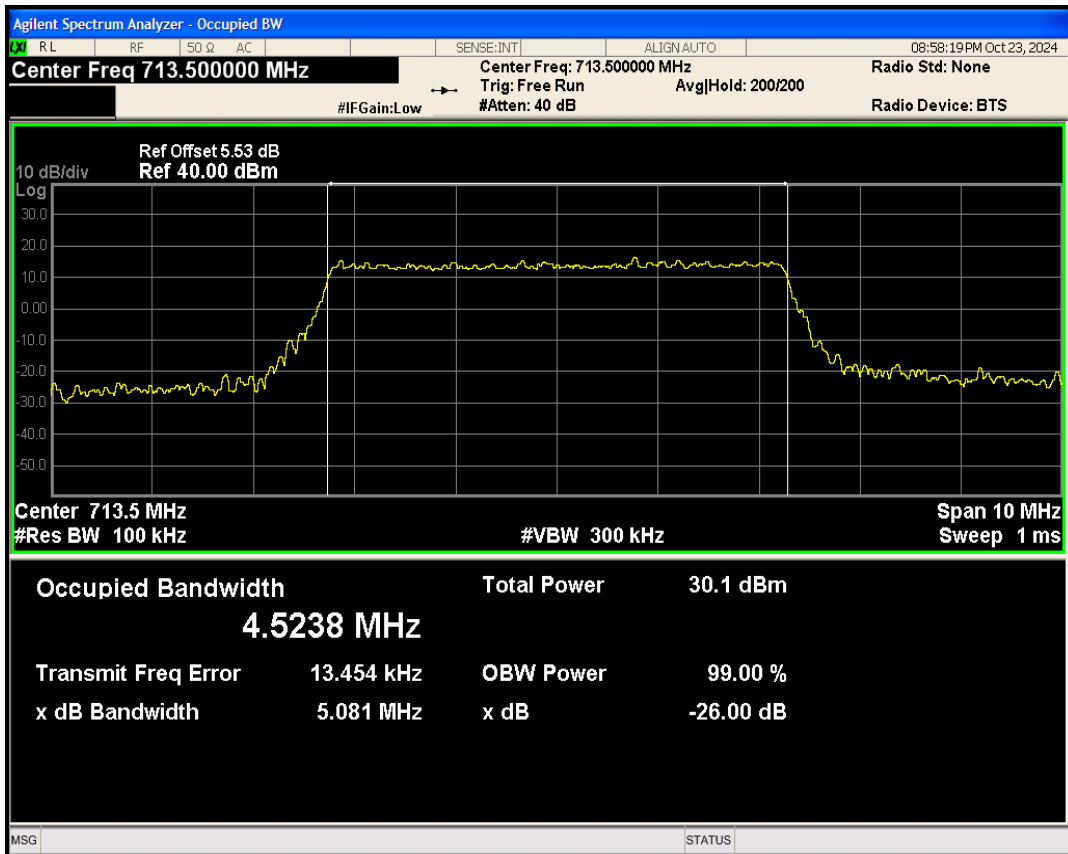
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



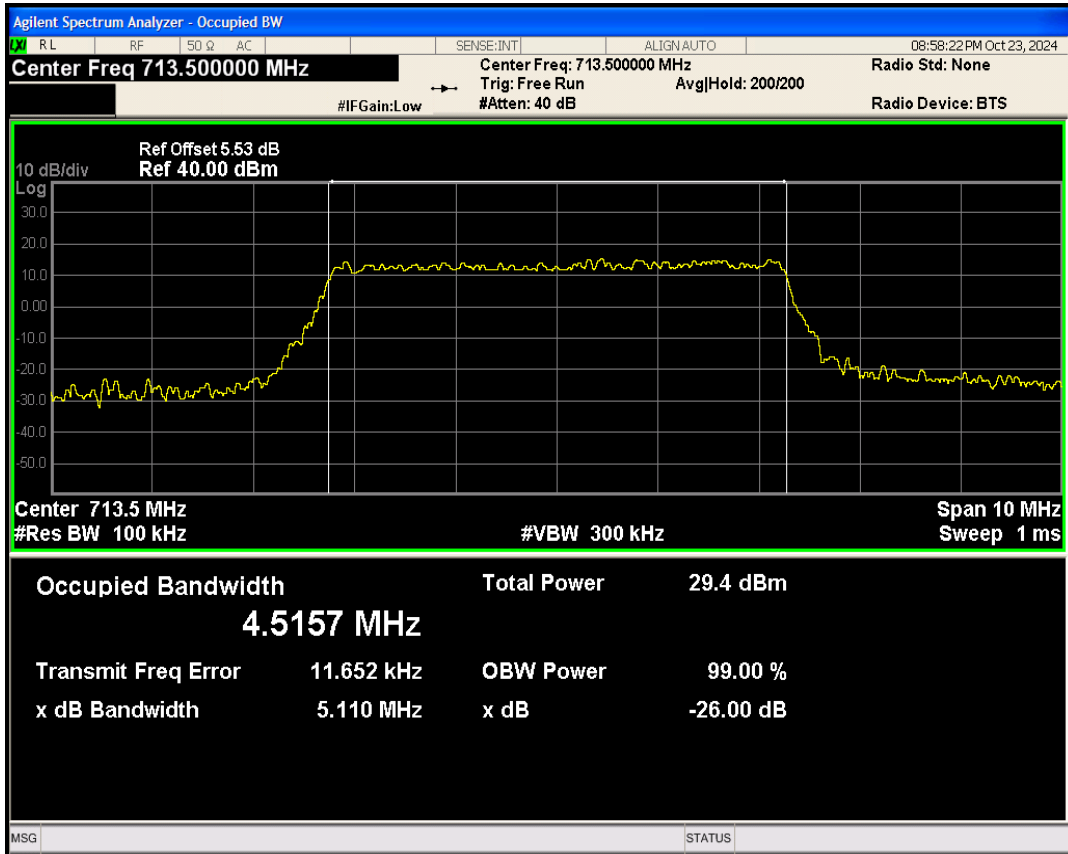
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



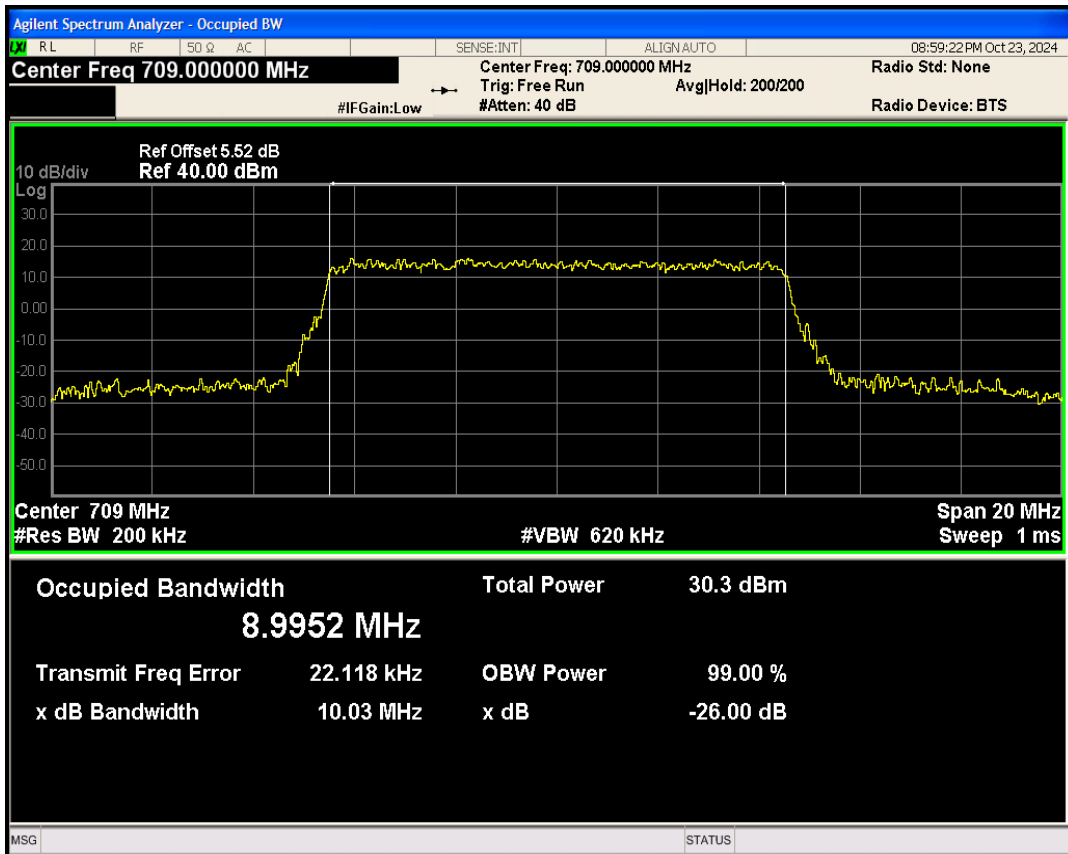
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



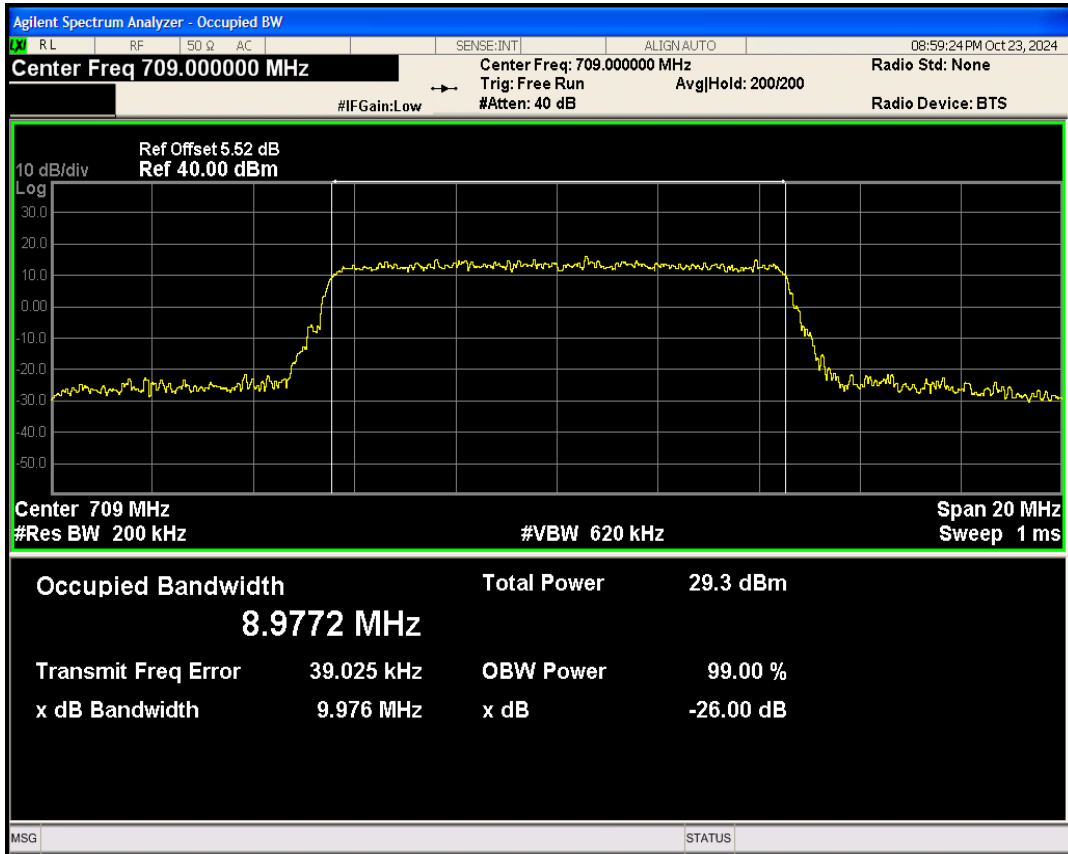
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0



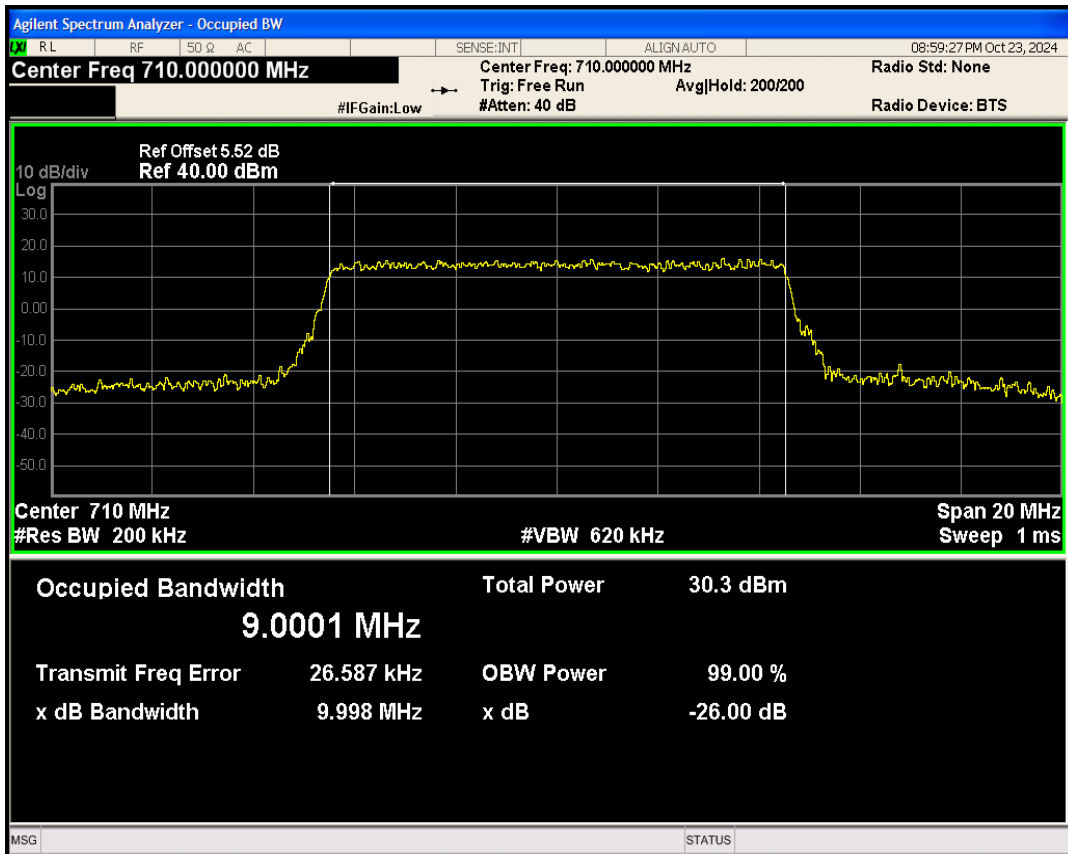
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



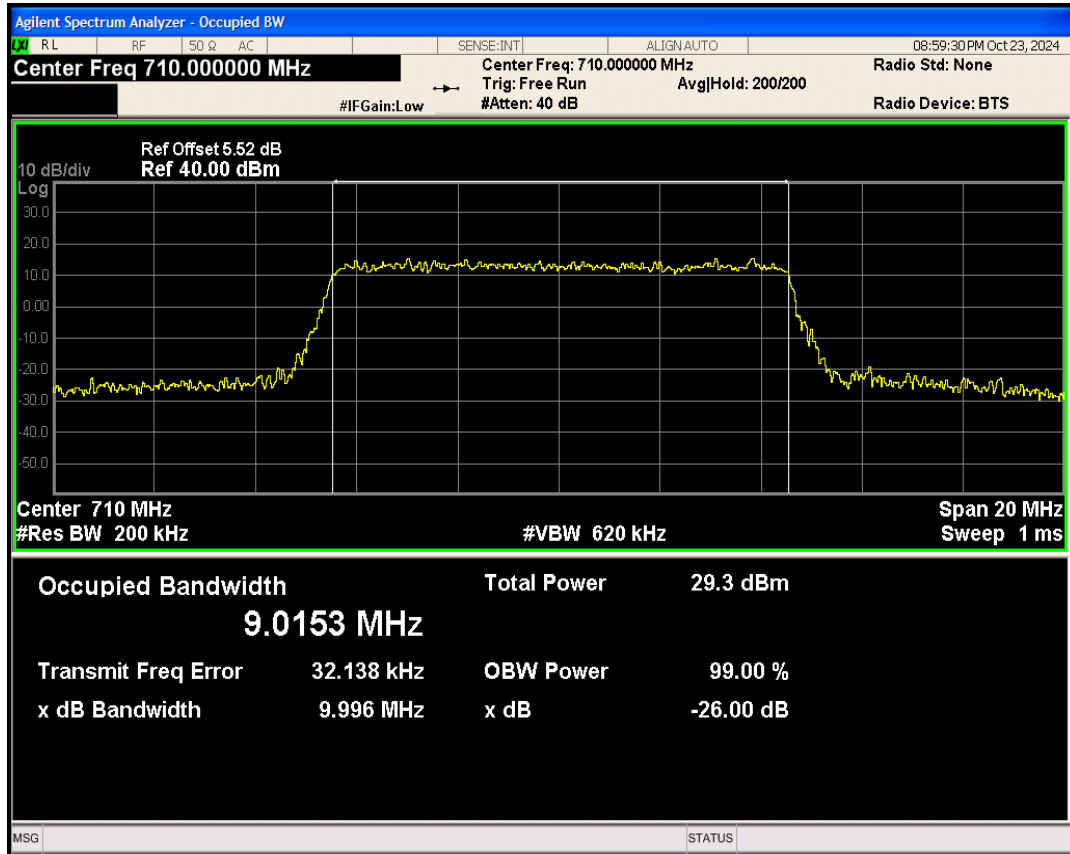
Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0



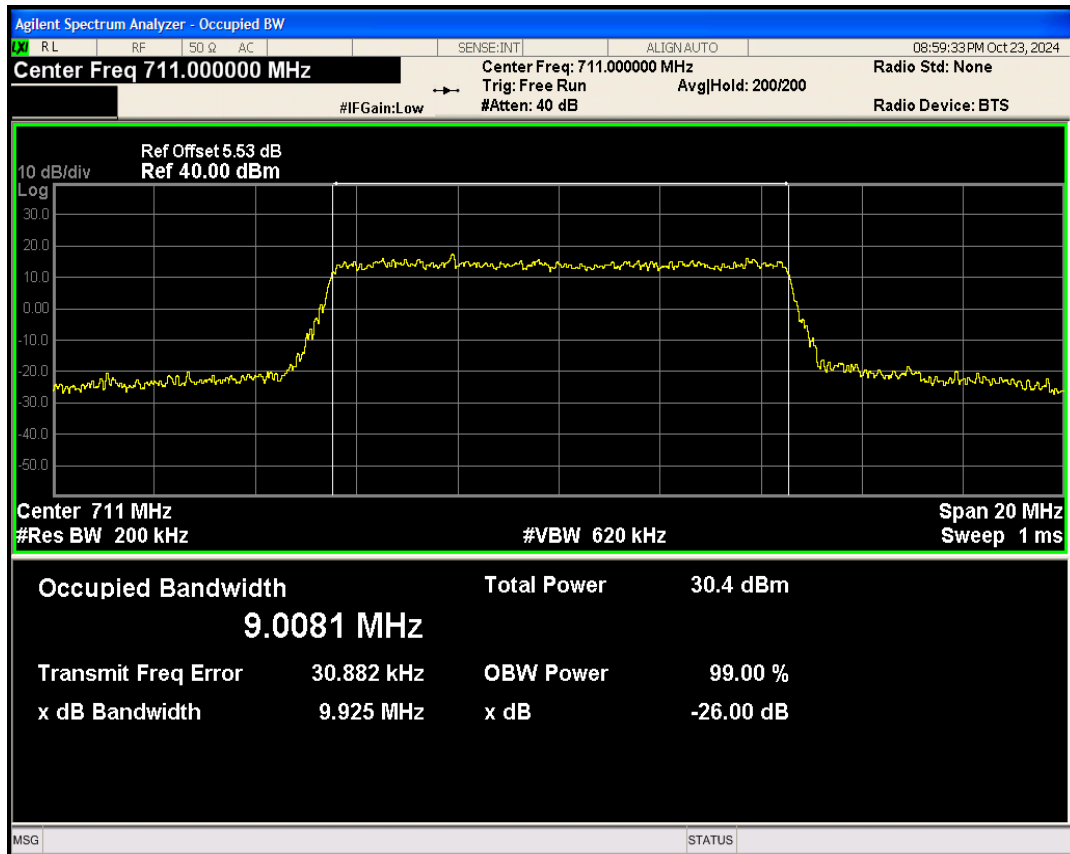
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



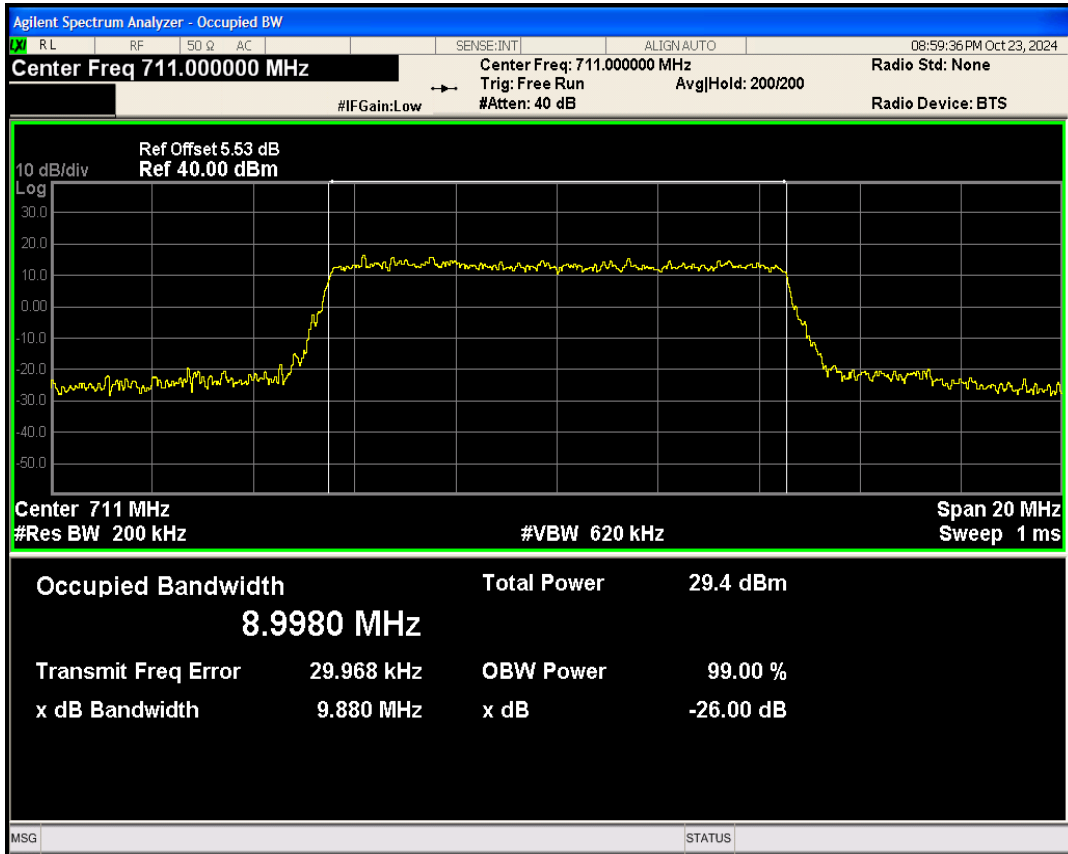
Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



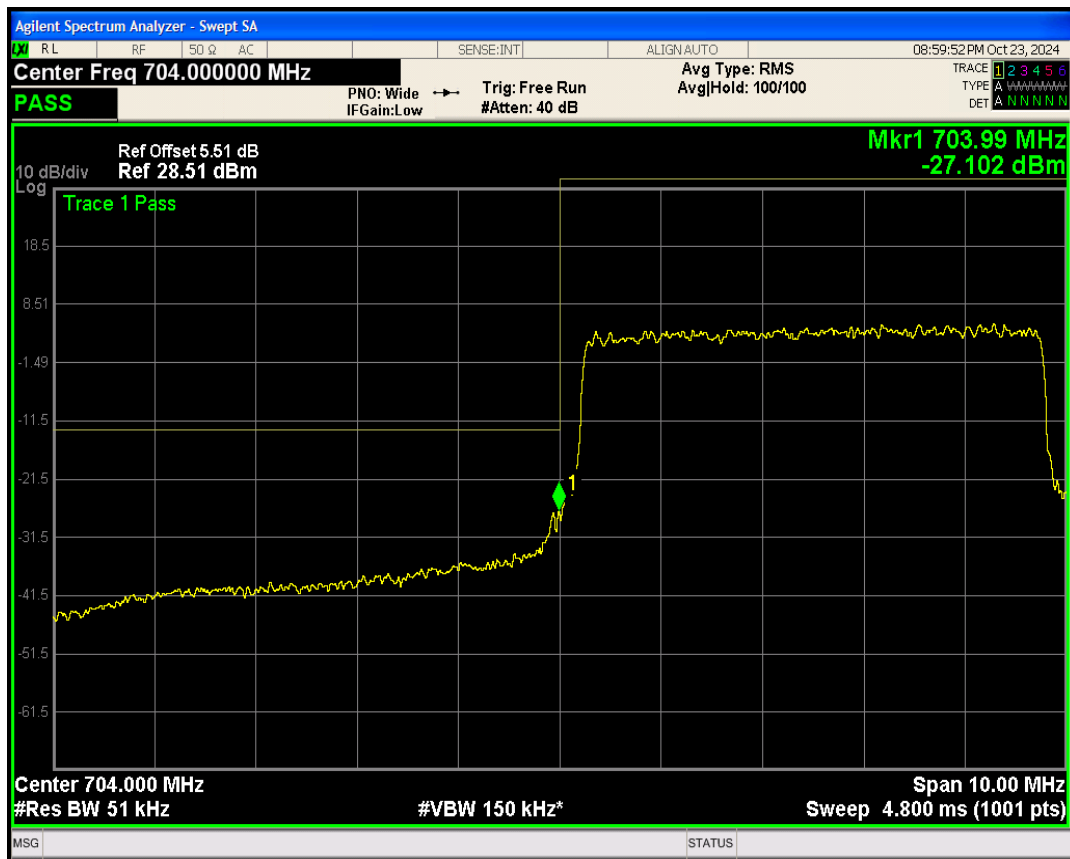
Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0



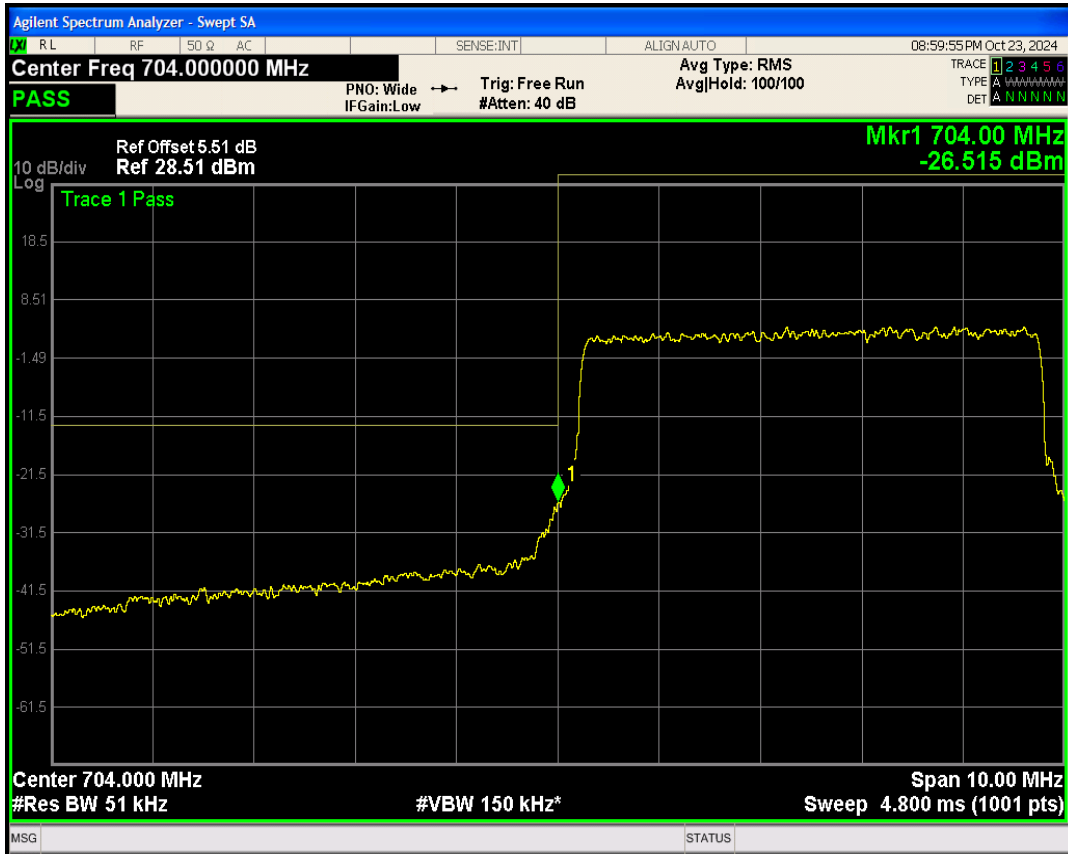
Appendix 5. Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band17	5	23755	25	#0	QPSK	703.99	-27.10	-13	PASS
Band17	5	23755	25	#0	16QAM	704.00	-26.51	-13	PASS
Band17	5	23825	25	#0	QPSK	716.02	-25.49	-13	PASS
Band17	5	23825	25	#0	16QAM	716.00	-23.94	-13	PASS
Band17	10	23780	50	#0	QPSK	704.00	-29.16	-13	PASS
Band17	10	23780	50	#0	16QAM	704.00	-32.19	-13	PASS
Band17	10	23800	50	#0	QPSK	716.08	-29.66	-13	PASS
Band17	10	23800	50	#0	16QAM	716.00	-30.51	-13	PASS

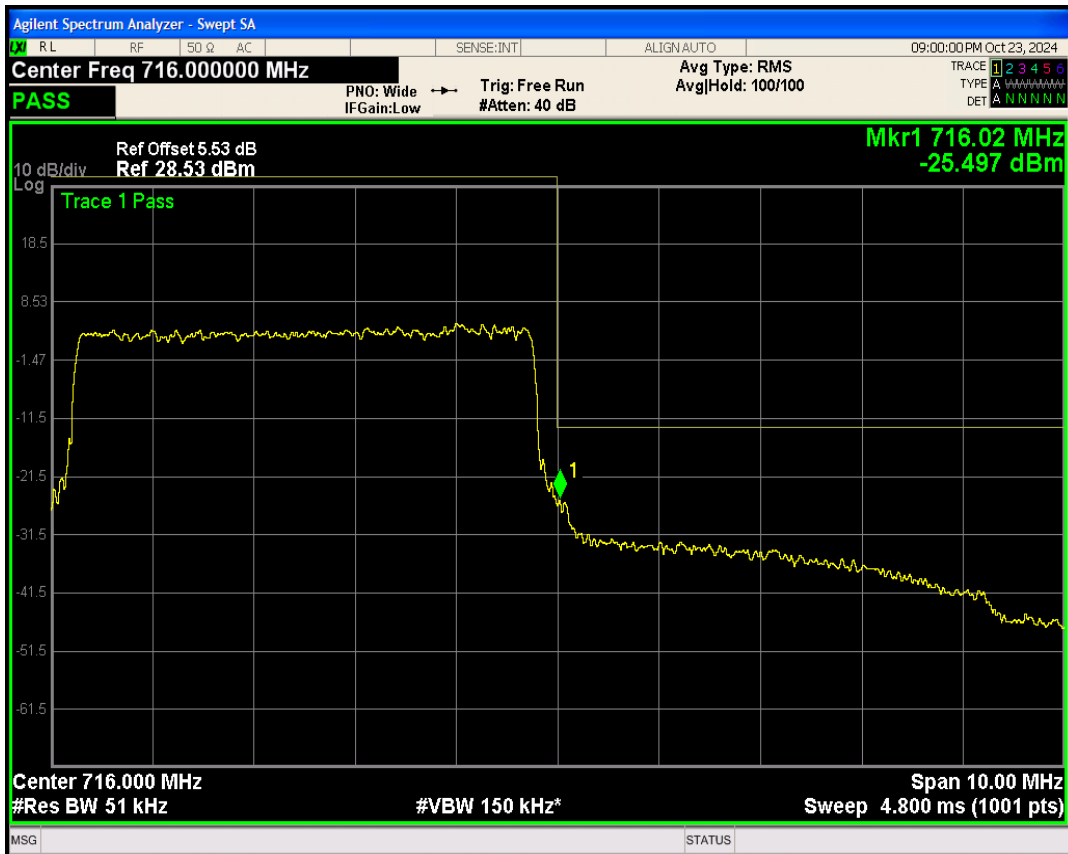
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



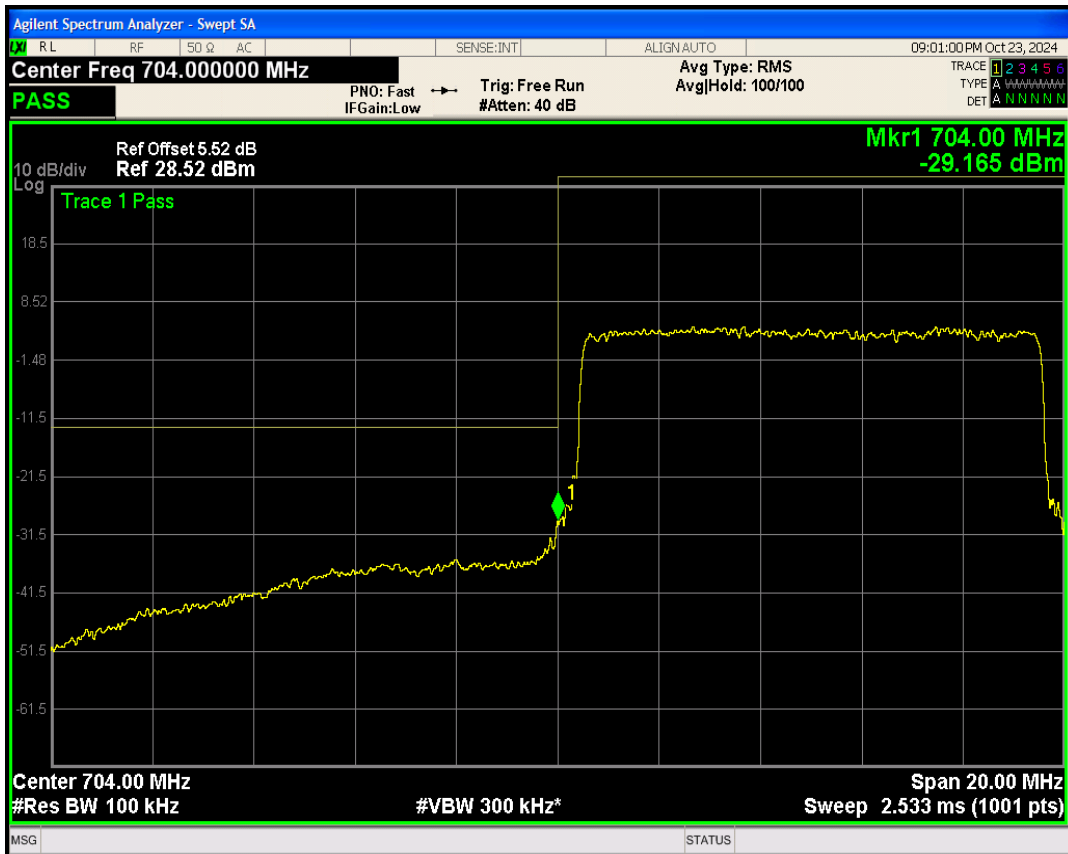
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



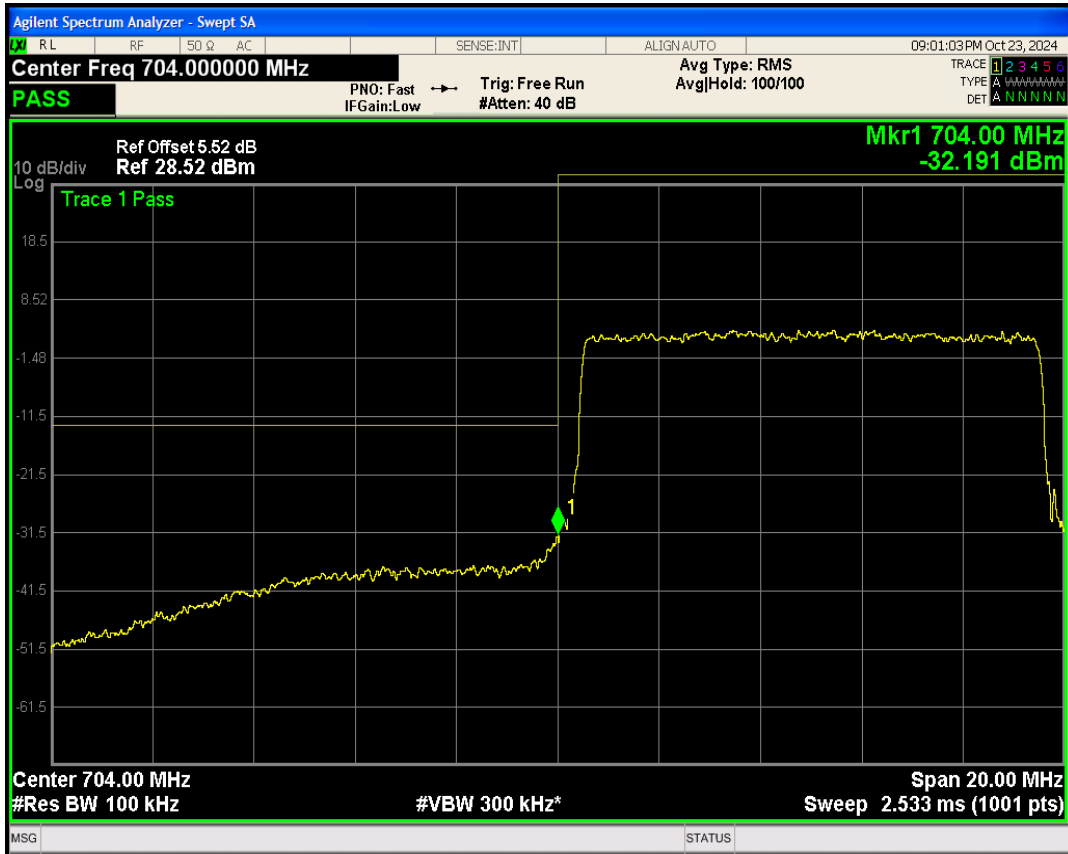
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0



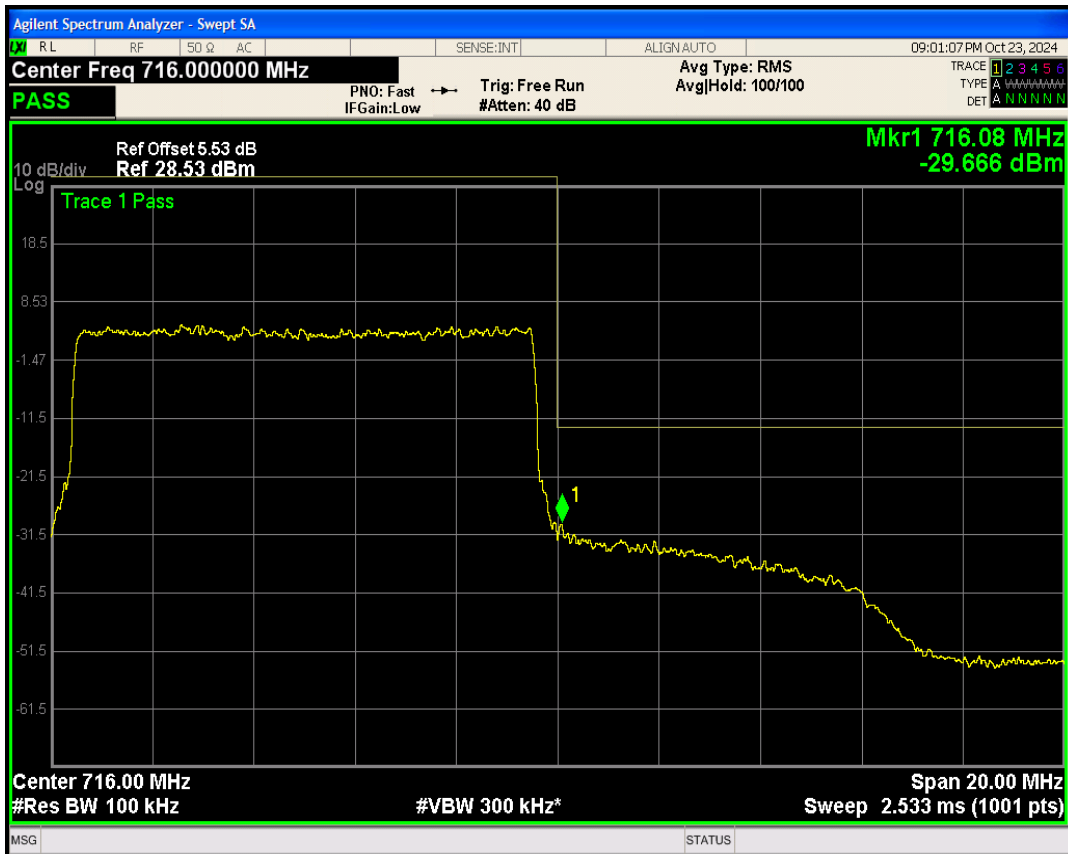
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



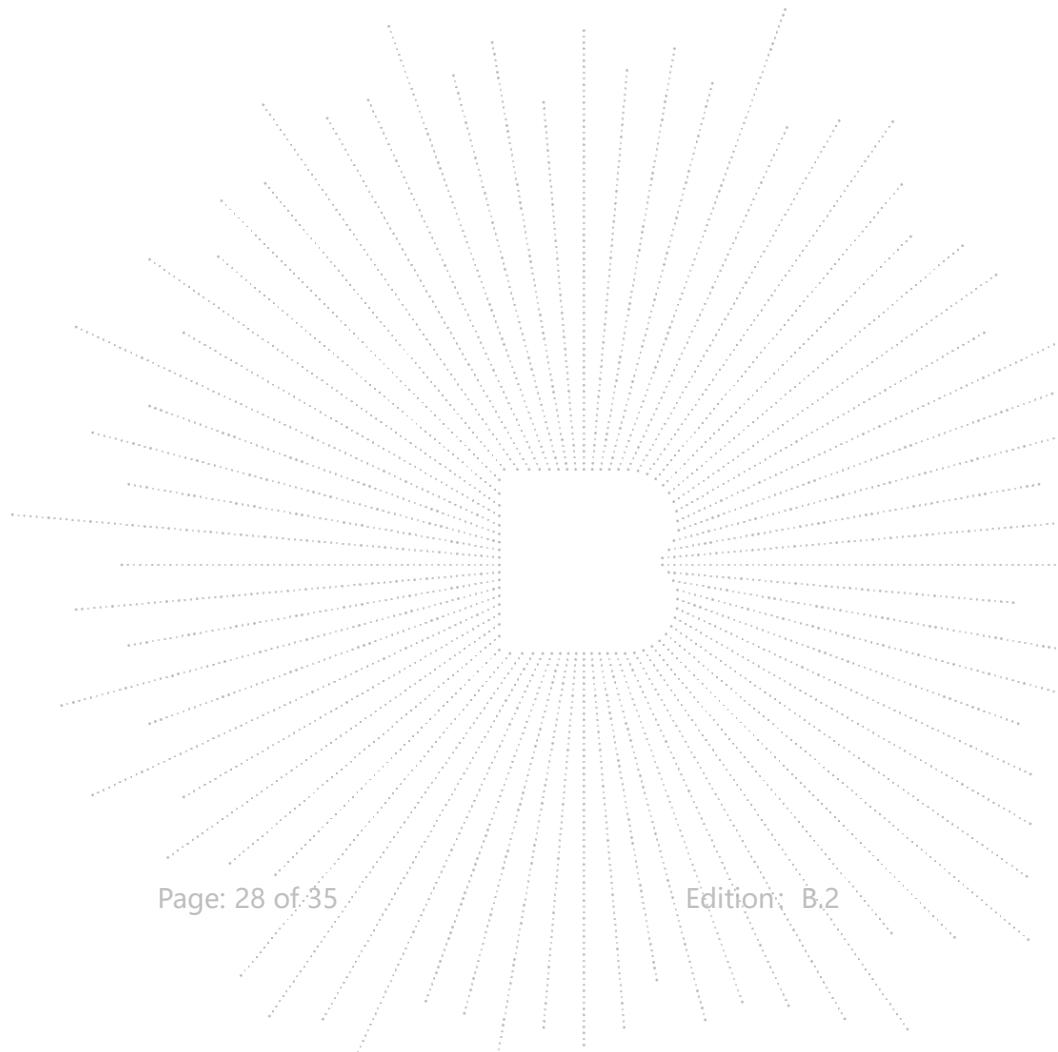
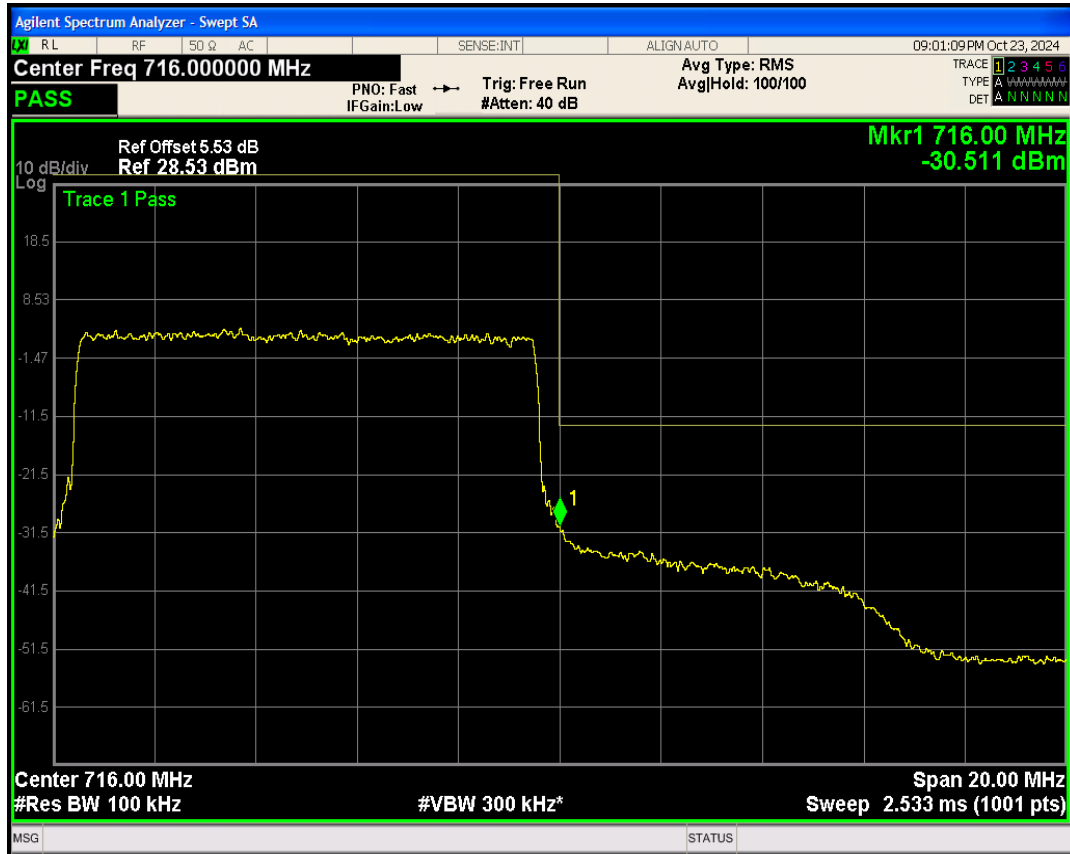
Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0



Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



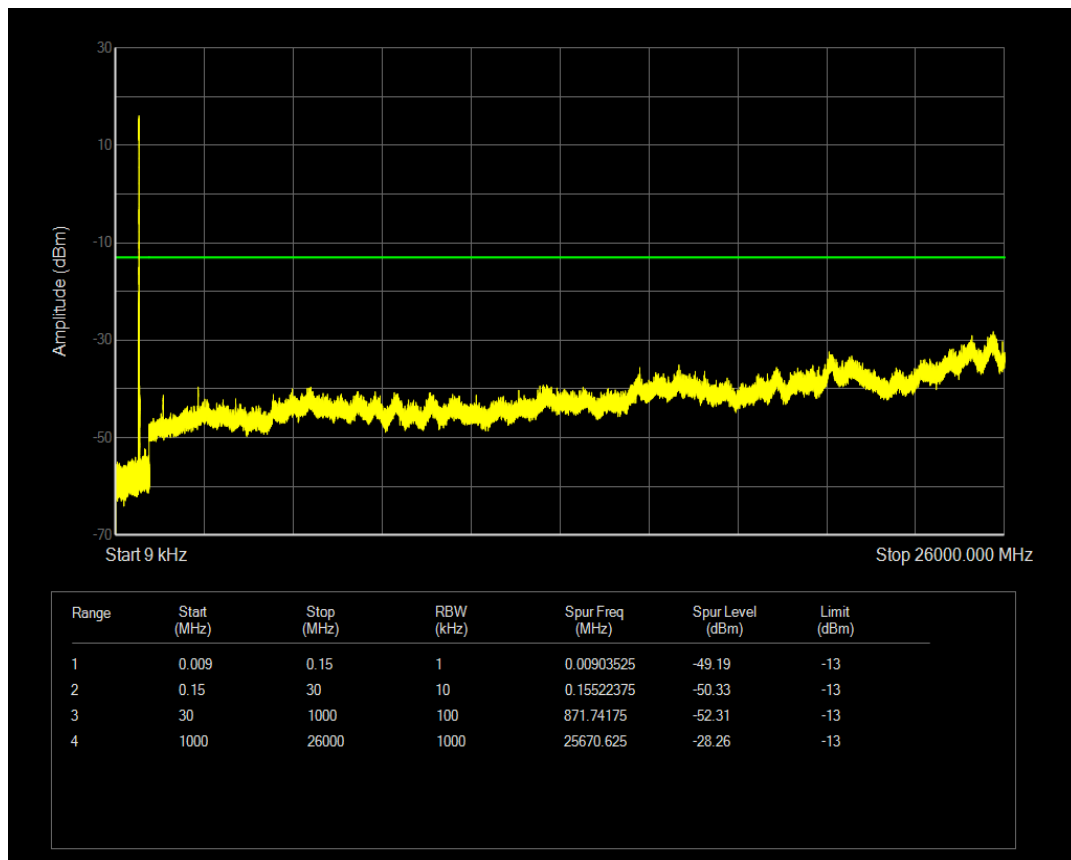
Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0



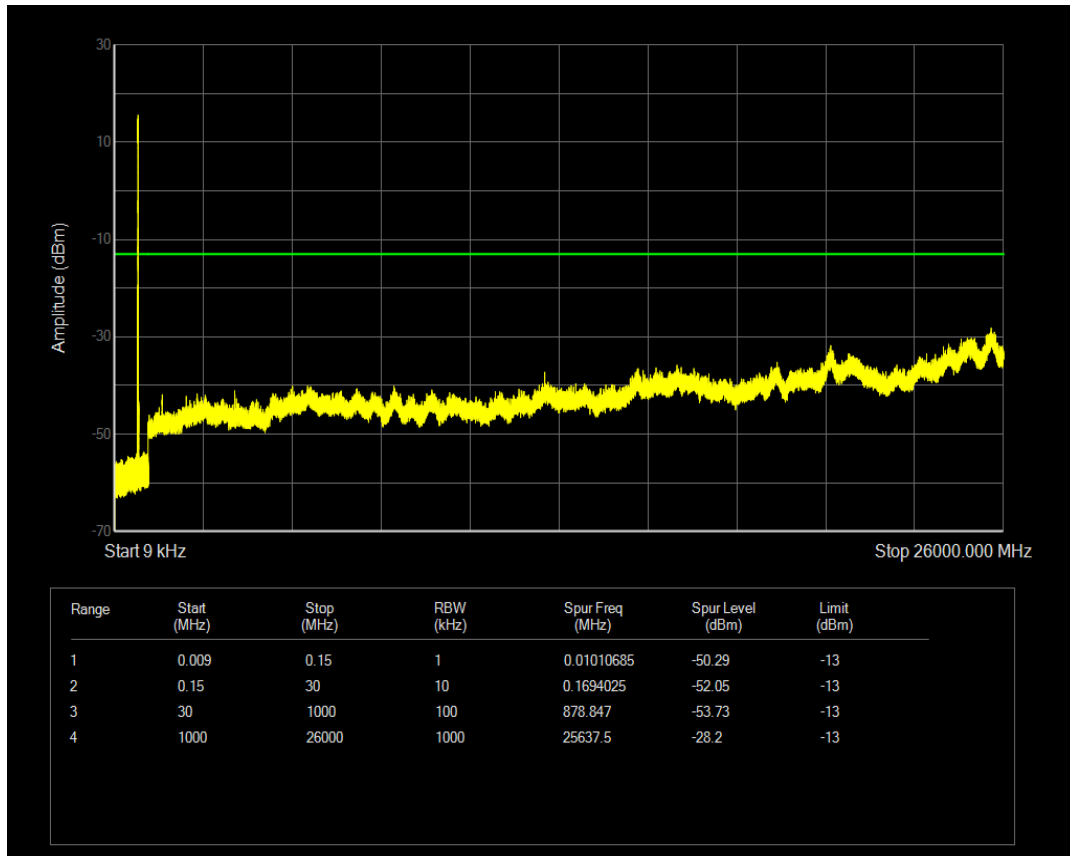
Appendix 6. Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band17	5	23755	25	#0	QPSK	25670.63	-28.26	-13	PASS
Band17	5	23755	25	#0	16QAM	25637.50	-28.20	-13	PASS
Band17	5	23790	25	#0	QPSK	25639.38	-27.64	-13	PASS
Band17	5	23790	25	#0	16QAM	25638.75	-27.97	-13	PASS
Band17	5	23825	25	#0	QPSK	25584.38	-28.75	-13	PASS
Band17	5	23825	25	#0	16QAM	25644.38	-28.03	-13	PASS
Band17	10	23780	50	#0	QPSK	25633.75	-28.03	-13	PASS
Band17	10	23780	50	#0	16QAM	25656.25	-28.45	-13	PASS
Band17	10	23790	50	#0	QPSK	25682.50	-28.03	-13	PASS
Band17	10	23790	50	#0	16QAM	25591.25	-28.26	-13	PASS
Band17	10	23800	50	#0	QPSK	25626.25	-28.59	-13	PASS
Band17	10	23800	50	#0	16QAM	25697.50	-27.86	-13	PASS

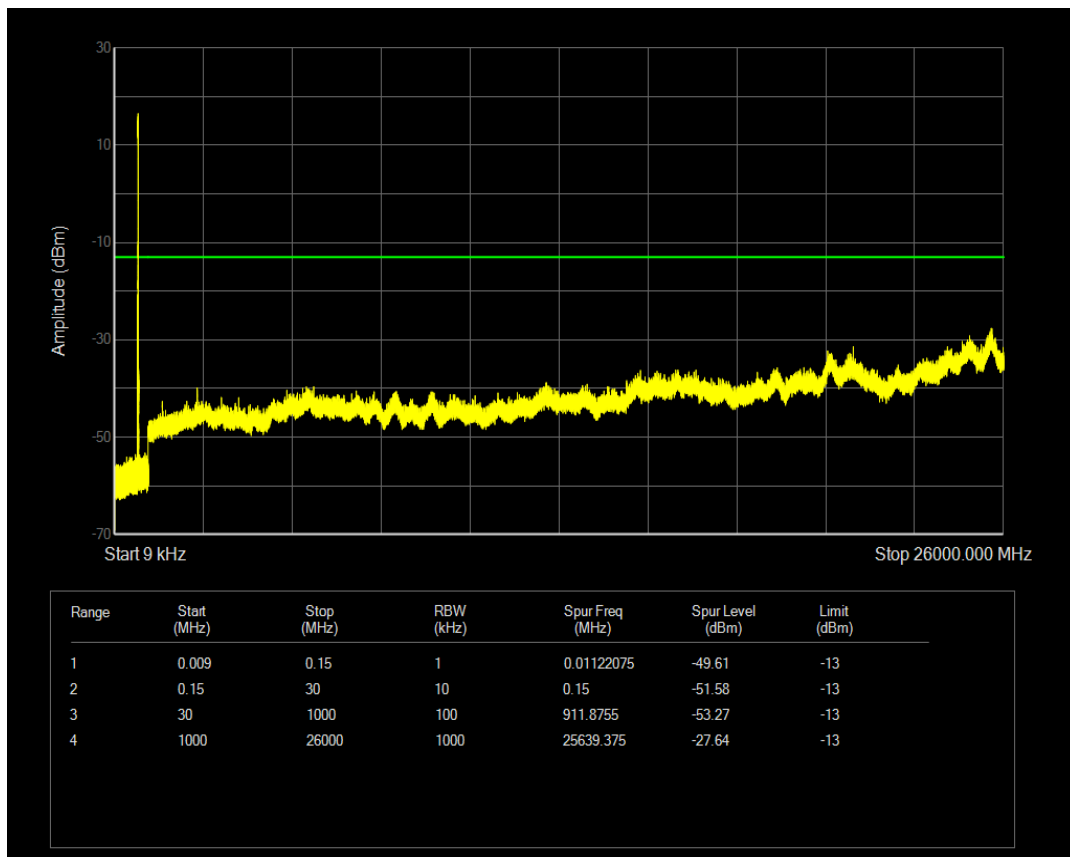
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



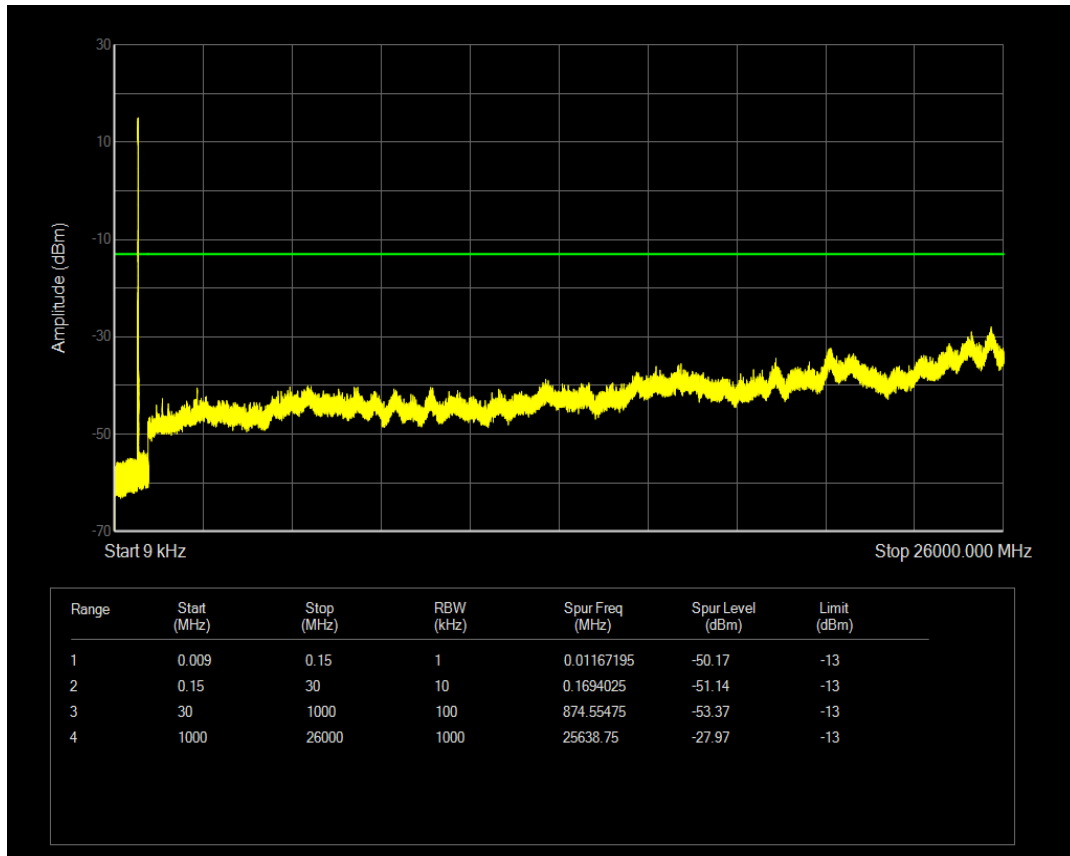
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



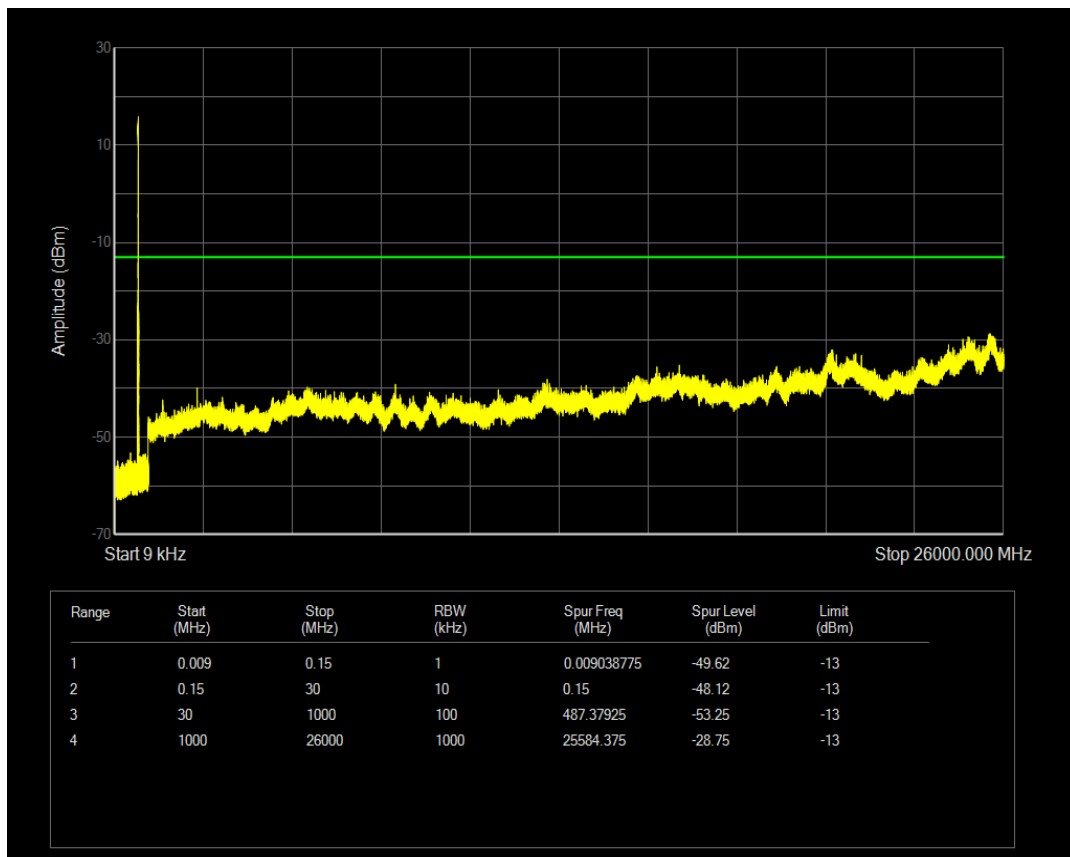
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



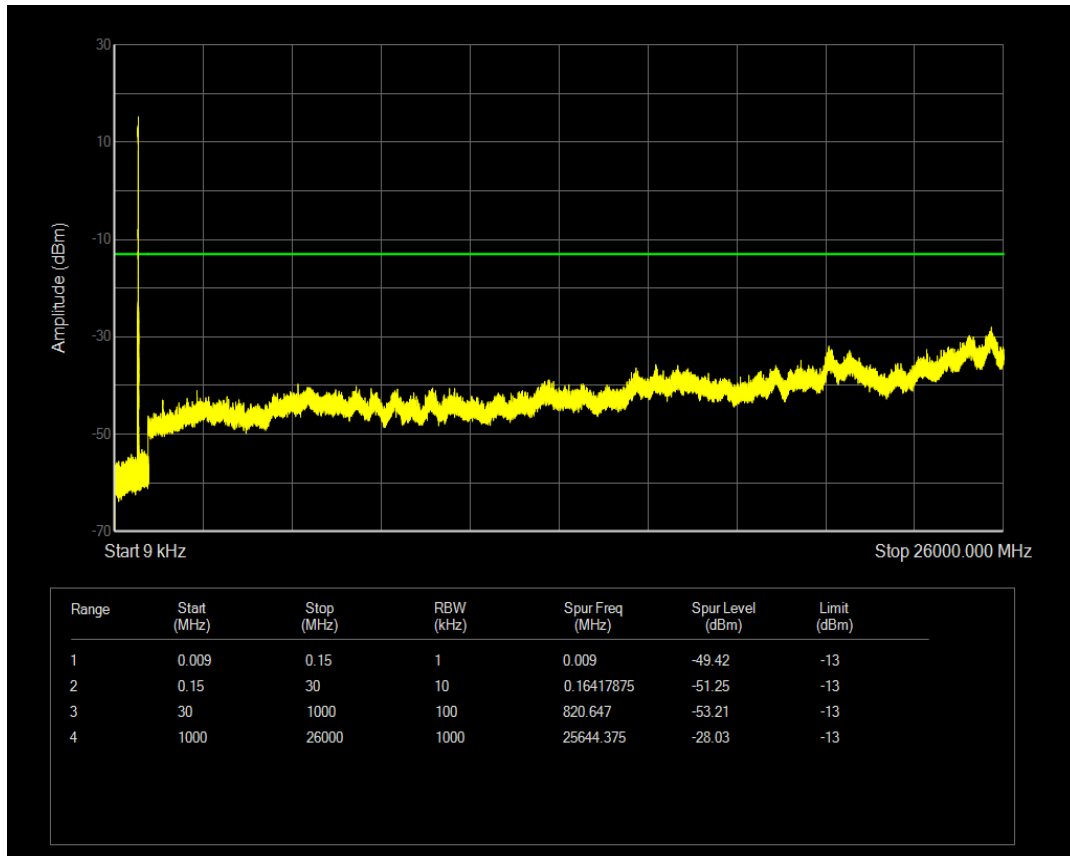
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



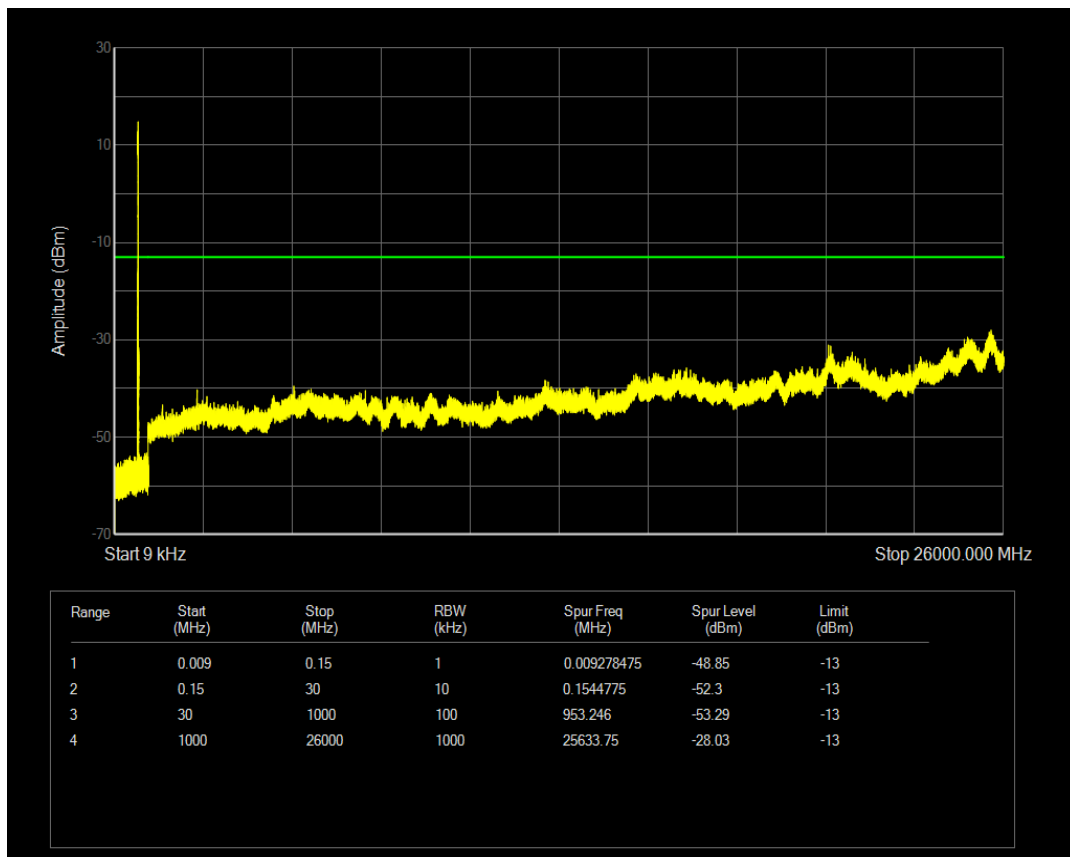
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



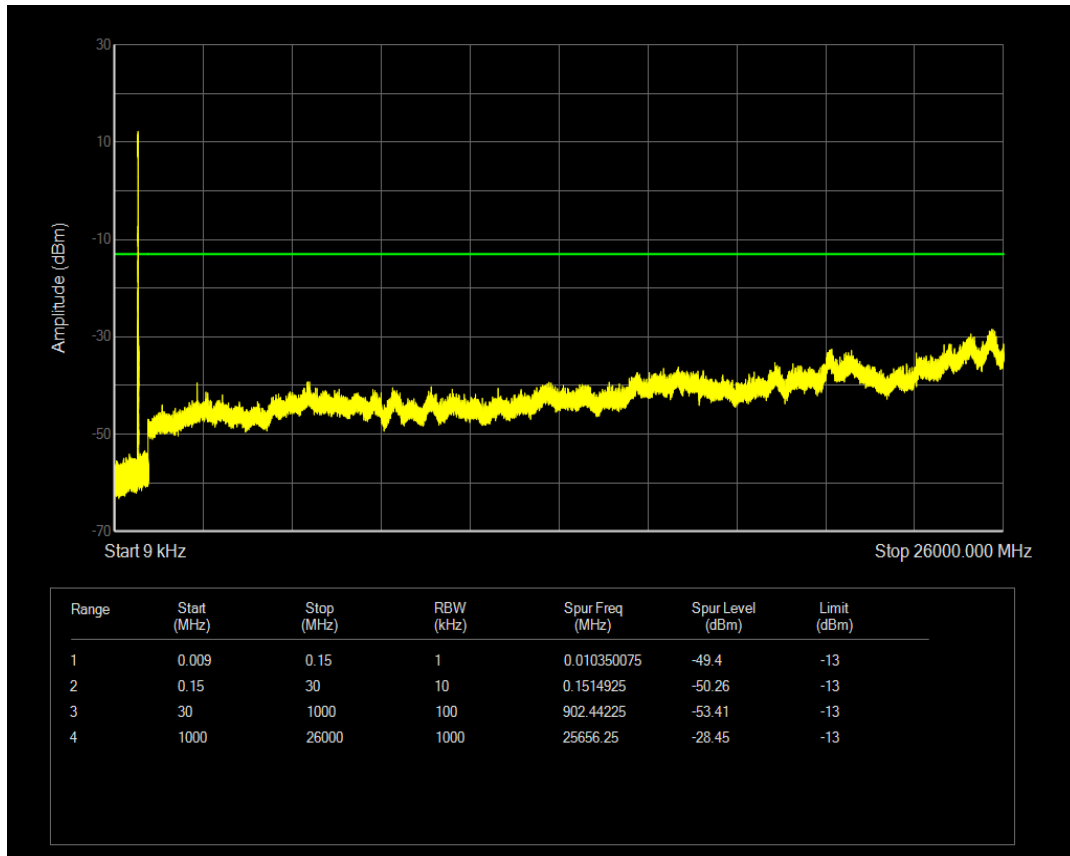
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0



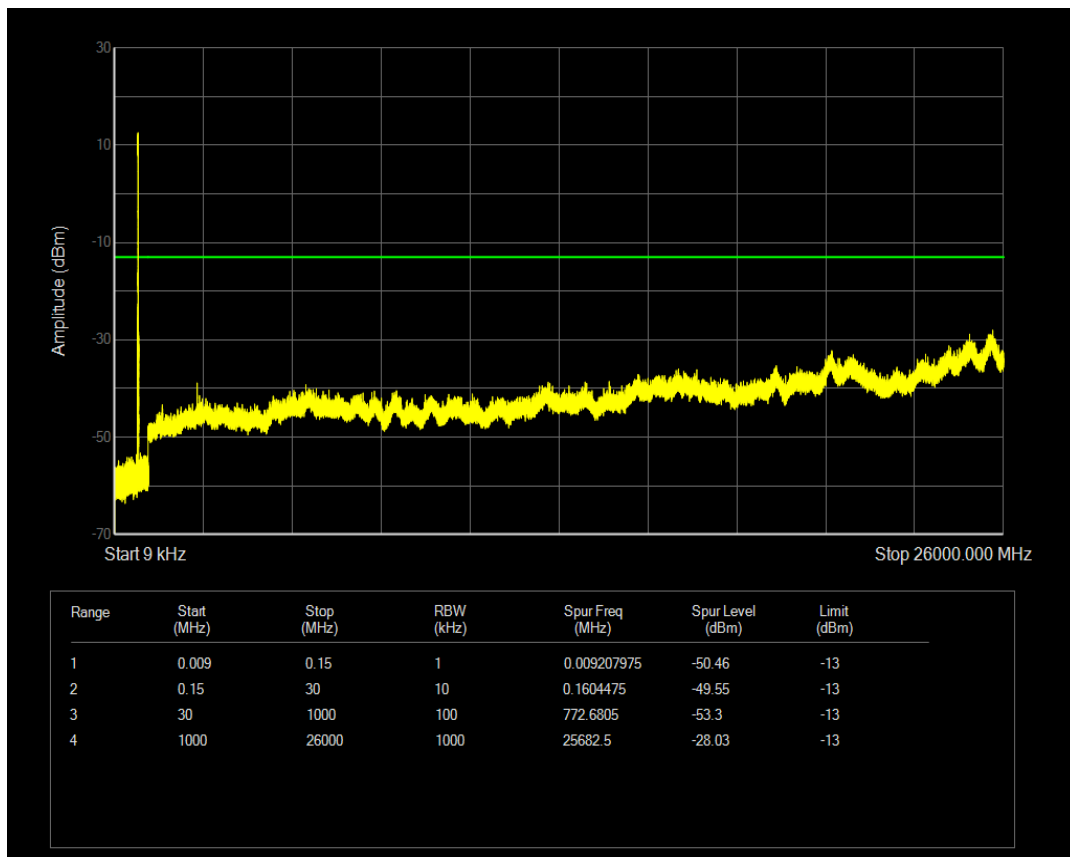
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



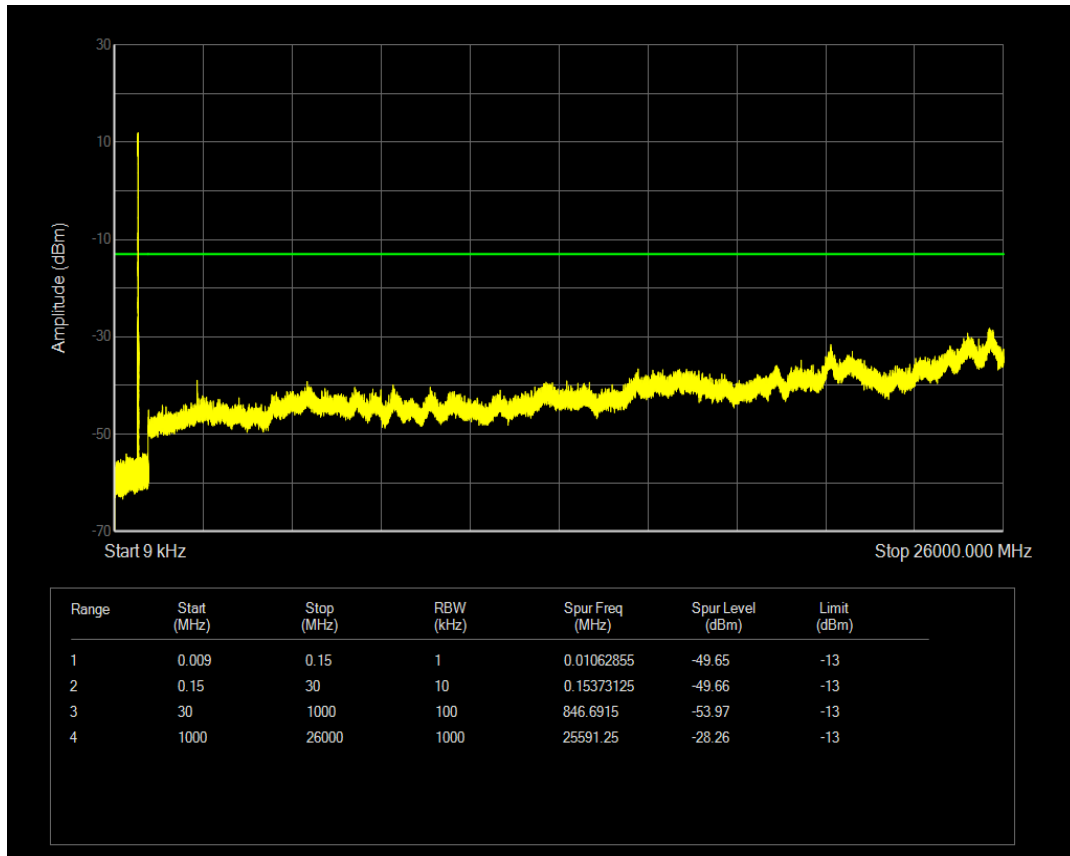
Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0



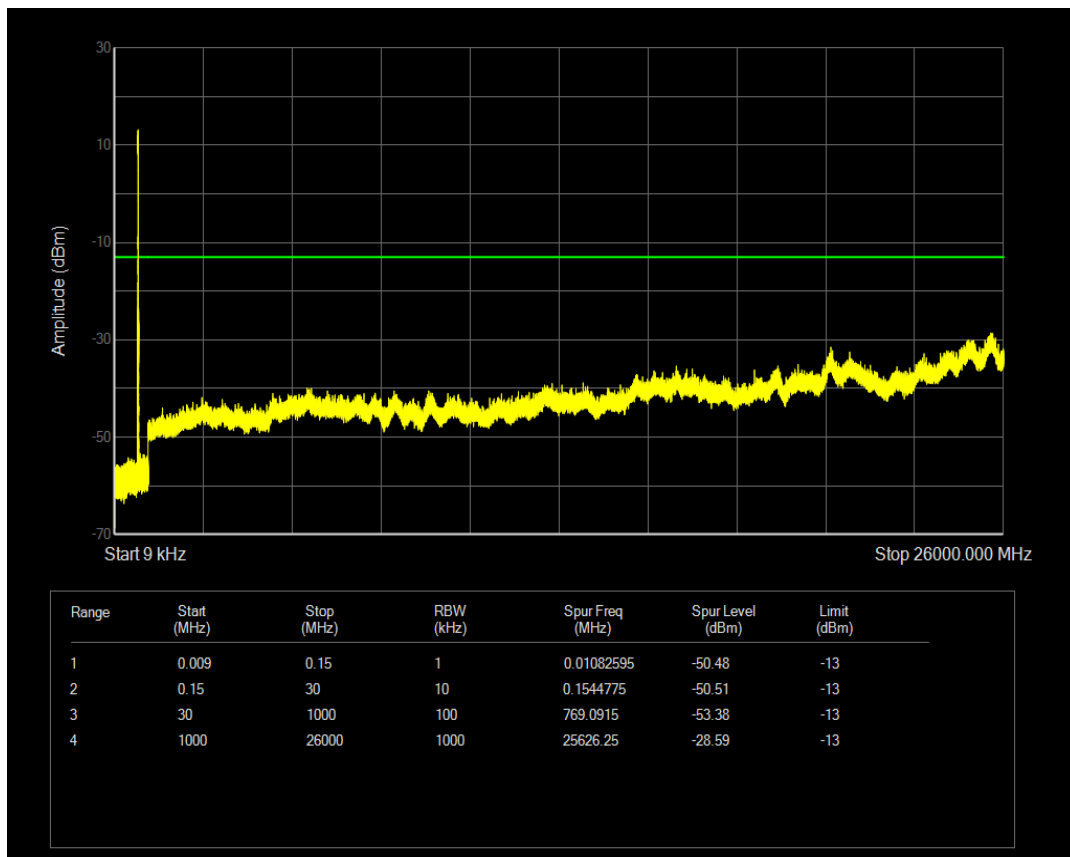
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0

