

Appendix for Band 17

Report No.: BCTC2506476417-5E

Applicant: Shanghai TUGE Data Technologies Co., Ltd.

Product Name: Smart Car Holder with Charging & WiFi

Test Model: TC10

Tested Date: 2025-06-24 to 2025-07-30

Issued Date: 2025-09-03

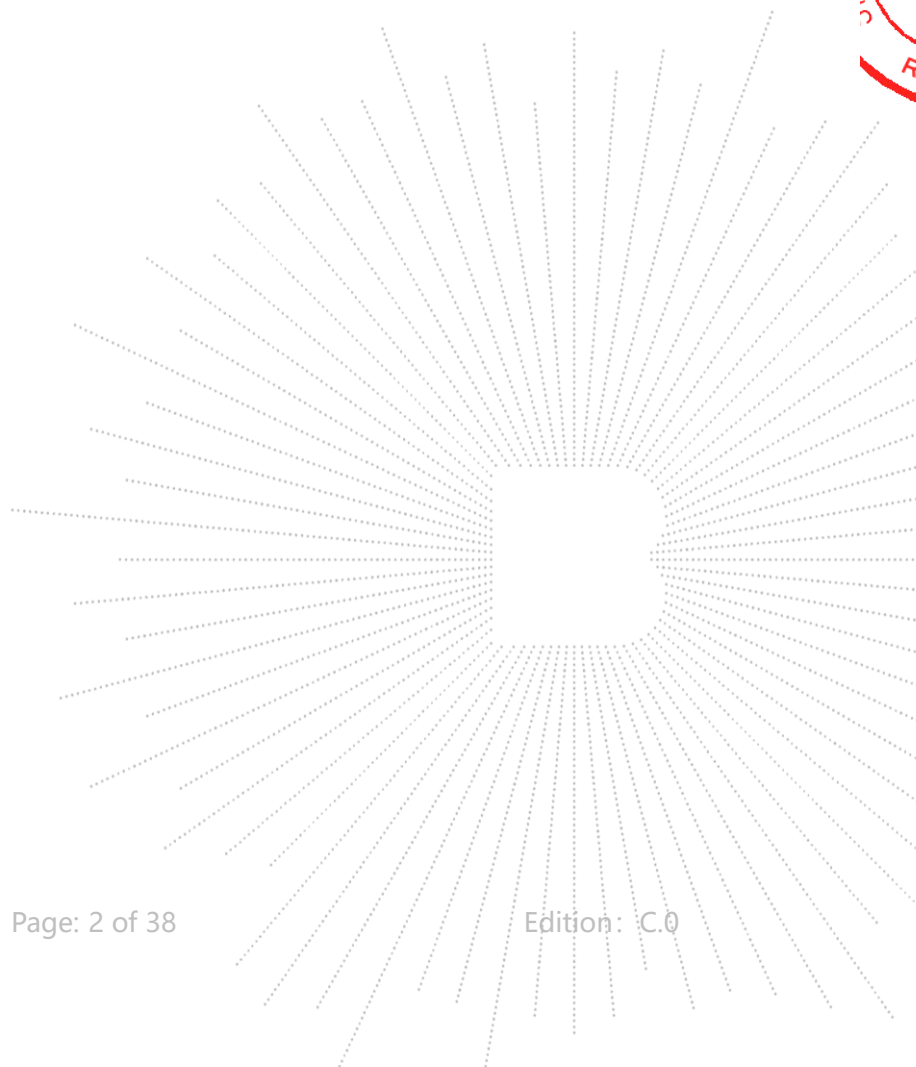
Shenzhen BCTC Testing Co., Ltd.





Contents

Appendix 1. Conducted output power	3
Appendix 2. Frequency stability.....	6
Appendix 3. Peak-to-Average Ratio	13
Appendix 4. Occupied bandwidth	20
Appendix 5. Band edge	27
Appendix 6. Out-of-band emissions	32

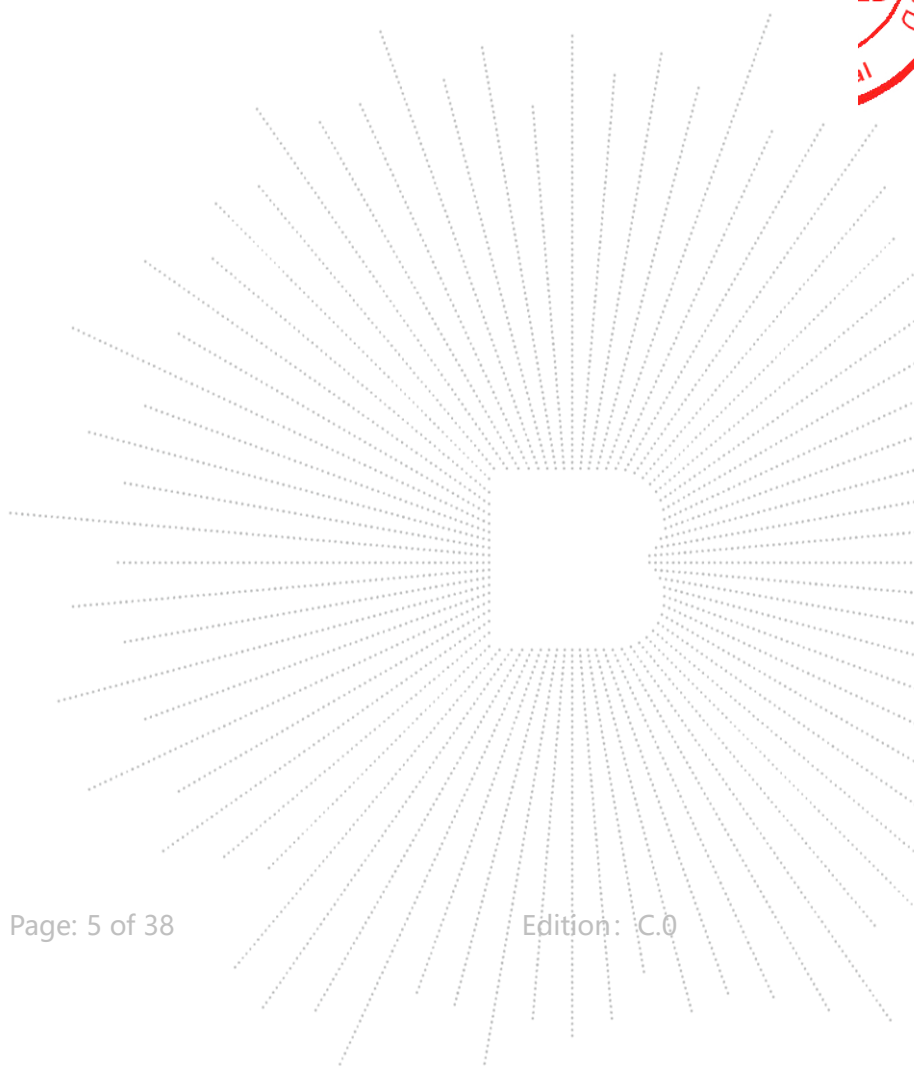


Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	22.30	PASS
Band17	5	23755	1	#Mid	QPSK	22.33	PASS
Band17	5	23755	1	#Max	QPSK	22.25	PASS
Band17	5	23755	12	#0	QPSK	21.47	PASS
Band17	5	23755	12	#Mid	QPSK	21.29	PASS
Band17	5	23755	12	#Max	QPSK	21.37	PASS
Band17	5	23755	25	#0	QPSK	21.48	PASS
Band17	5	23755	1	#0	16QAM	21.18	PASS
Band17	5	23755	1	#Mid	16QAM	20.91	PASS
Band17	5	23755	1	#Max	16QAM	20.96	PASS
Band17	5	23755	12	#0	16QAM	20.14	PASS
Band17	5	23755	12	#Mid	16QAM	20.07	PASS
Band17	5	23755	12	#Max	16QAM	20.46	PASS
Band17	5	23755	25	#0	16QAM	20.37	PASS
Band17	5	23790	1	#0	QPSK	22.18	PASS
Band17	5	23790	1	#Mid	QPSK	22.05	PASS
Band17	5	23790	1	#Max	QPSK	22.03	PASS
Band17	5	23790	12	#0	QPSK	21.39	PASS
Band17	5	23790	12	#Mid	QPSK	21.37	PASS
Band17	5	23790	12	#Max	QPSK	21.30	PASS
Band17	5	23790	25	#0	QPSK	21.38	PASS
Band17	5	23790	1	#0	16QAM	21.58	PASS
Band17	5	23790	1	#Mid	16QAM	21.61	PASS
Band17	5	23790	1	#Max	16QAM	21.53	PASS
Band17	5	23790	12	#0	16QAM	20.52	PASS
Band17	5	23790	12	#Mid	16QAM	20.32	PASS
Band17	5	23790	12	#Max	16QAM	20.34	PASS
Band17	5	23790	25	#0	16QAM	20.21	PASS
Band17	5	23825	1	#0	QPSK	22.32	PASS
Band17	5	23825	1	#Mid	QPSK	22.28	PASS
Band17	5	23825	1	#Max	QPSK	22.27	PASS
Band17	5	23825	12	#0	QPSK	21.36	PASS
Band17	5	23825	12	#Mid	QPSK	21.29	PASS
Band17	5	23825	12	#Max	QPSK	21.37	PASS
Band17	5	23825	25	#0	QPSK	21.31	PASS
Band17	5	23825	1	#0	16QAM	21.40	PASS
Band17	5	23825	1	#Mid	16QAM	21.52	PASS
Band17	5	23825	1	#Max	16QAM	21.57	PASS
Band17	5	23825	12	#0	16QAM	20.21	PASS

Band17	5	23825	12	#Mid	16QAM	20.50	PASS
Band17	5	23825	12	#Max	16QAM	20.55	PASS
Band17	5	23825	25	#0	16QAM	20.79	PASS
Band17	10	23780	1	#0	QPSK	22.24	PASS
Band17	10	23780	1	#Mid	QPSK	22.16	PASS
Band17	10	23780	1	#Max	QPSK	22.19	PASS
Band17	10	23780	25	#0	QPSK	21.43	PASS
Band17	10	23780	25	#Mid	QPSK	21.37	PASS
Band17	10	23780	25	#Max	QPSK	21.37	PASS
Band17	10	23780	50	#0	QPSK	21.33	PASS
Band17	10	23780	1	#0	16QAM	22.68	PASS
Band17	10	23780	1	#Mid	16QAM	22.46	PASS
Band17	10	23780	1	#Max	16QAM	22.36	PASS
Band17	10	23780	25	#0	16QAM	20.03	PASS
Band17	10	23780	25	#Mid	16QAM	20.50	PASS
Band17	10	23780	25	#Max	16QAM	20.19	PASS
Band17	10	23780	50	#0	16QAM	20.49	PASS
Band17	10	23790	1	#0	QPSK	22.35	PASS
Band17	10	23790	1	#Mid	QPSK	22.21	PASS
Band17	10	23790	1	#Max	QPSK	22.28	PASS
Band17	10	23790	25	#0	QPSK	21.41	PASS
Band17	10	23790	25	#Mid	QPSK	21.27	PASS
Band17	10	23790	25	#Max	QPSK	21.18	PASS
Band17	10	23790	50	#0	QPSK	21.31	PASS
Band17	10	23790	1	#0	16QAM	21.27	PASS
Band17	10	23790	1	#Mid	16QAM	21.33	PASS
Band17	10	23790	1	#Max	16QAM	21.34	PASS
Band17	10	23790	25	#0	16QAM	20.60	PASS
Band17	10	23790	25	#Mid	16QAM	20.31	PASS
Band17	10	23790	25	#Max	16QAM	20.29	PASS
Band17	10	23790	50	#0	16QAM	20.37	PASS
Band17	10	23800	1	#0	QPSK	22.59	PASS
Band17	10	23800	1	#Mid	QPSK	22.41	PASS
Band17	10	23800	1	#Max	QPSK	22.55	PASS
Band17	10	23800	25	#0	QPSK	21.34	PASS
Band17	10	23800	25	#Mid	QPSK	21.29	PASS
Band17	10	23800	25	#Max	QPSK	21.31	PASS
Band17	10	23800	50	#0	QPSK	21.40	PASS
Band17	10	23800	1	#0	16QAM	21.35	PASS
Band17	10	23800	1	#Mid	16QAM	21.34	PASS
Band17	10	23800	1	#Max	16QAM	21.45	PASS
Band17	10	23800	25	#0	16QAM	20.65	PASS
Band17	10	23800	25	#Mid	16QAM	20.40	PASS
Band17	10	23800	25	#Max	16QAM	20.66	PASS

Band17	10	23800	50	#0	16QAM	20.41	PASS
--------	----	-------	----	----	-------	-------	------



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 17	5	23755	25	#0	QPSK	LV	NT	-15.36	-0.022	-2.5	2.5	PASS
Band 17	5	23755	25	#0	QPSK	NV	NT	-16.16	-0.023	-2.5	2.5	PASS
Band 17	5	23755	25	#0	QPSK	HV	NT	-14.88	-0.021	-2.5	2.5	PASS
Band 17	5	23755	25	#0	16QAM	LV	NT	-13.92	-0.020	-2.5	2.5	PASS
Band 17	5	23755	25	#0	16QAM	NV	NT	-13.82	-0.020	-2.5	2.5	PASS
Band 17	5	23755	25	#0	16QAM	HV	NT	-13.98	-0.020	-2.5	2.5	PASS
Band 17	5	23790	25	#0	QPSK	LV	NT	-1.06	-0.001	-2.5	2.5	PASS
Band 17	5	23790	25	#0	QPSK	NV	NT	-3.26	-0.005	-2.5	2.5	PASS
Band 17	5	23790	25	#0	QPSK	HV	NT	-2.70	-0.004	-2.5	2.5	PASS
Band 17	5	23790	25	#0	16QAM	LV	NT	-2.10	-0.003	-2.5	2.5	PASS
Band 17	5	23790	25	#0	16QAM	NV	NT	-1.62	-0.002	-2.5	2.5	PASS
Band 17	5	23790	25	#0	16QAM	HV	NT	-0.73	-0.001	-2.5	2.5	PASS
Band 17	5	23825	25	#0	QPSK	LV	NT	-0.24	0.000	-2.5	2.5	PASS
Band 17	5	23825	25	#0	QPSK	NV	NT	-1.83	-0.003	-2.5	2.5	PASS
Band 17	5	23825	25	#0	QPSK	HV	NT	-1.24	-0.002	-2.5	2.5	PASS
Band 17	5	23825	25	#0	16QAM	LV	NT	-1.34	-0.002	-2.5	2.5	PASS
Band 17	5	23825	25	#0	16QAM	NV	NT	-0.73	-0.001	-2.5	2.5	PASS
Band 17	5	23825	25	#0	16QAM	HV	NT	-1.02	-0.001	-2.5	2.5	PASS

Band 17	10	23780	50	#0	QPSK	LV	NT	-4.31	-0.006	-2.5	2.5	PASS
Band 17	10	23780	50	#0	QPSK	NV	NT	-7.12	-0.010	-2.5	2.5	PASS
Band 17	10	23780	50	#0	QPSK	HV	NT	-5.65	-0.008	-2.5	2.5	PASS
Band 17	10	23780	50	#0	16QAM	LV	NT	-4.82	-0.007	-2.5	2.5	PASS
Band 17	10	23780	50	#0	16QAM	NV	NT	-4.11	-0.006	-2.5	2.5	PASS
Band 17	10	23780	50	#0	16QAM	HV	NT	-4.81	-0.007	-2.5	2.5	PASS
Band 17	10	23790	50	#0	QPSK	LV	NT	2.93	0.004	-2.5	2.5	PASS
Band 17	10	23790	50	#0	QPSK	NV	NT	1.72	0.002	-2.5	2.5	PASS
Band 17	10	23790	50	#0	QPSK	HV	NT	1.99	0.003	-2.5	2.5	PASS
Band 17	10	23790	50	#0	16QAM	LV	NT	2.86	0.004	-2.5	2.5	PASS
Band 17	10	23790	50	#0	16QAM	NV	NT	3.83	0.005	-2.5	2.5	PASS
Band 17	10	23790	50	#0	16QAM	HV	NT	3.83	0.005	-2.5	2.5	PASS
Band 17	10	23800	50	#0	QPSK	LV	NT	-1.59	-0.002	-2.5	2.5	PASS
Band 17	10	23800	50	#0	QPSK	NV	NT	-2.12	-0.003	-2.5	2.5	PASS
Band 17	10	23800	50	#0	QPSK	HV	NT	-1.79	-0.003	-2.5	2.5	PASS
Band 17	10	23800	50	#0	16QAM	LV	NT	-1.56	-0.002	-2.5	2.5	PASS
Band 17	10	23800	50	#0	16QAM	NV	NT	-0.72	-0.001	-2.5	2.5	PASS
Band 17	10	23800	50	#0	16QAM	HV	NT	-0.74	-0.001	-2.5	2.5	PASS

Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
5	23755	25	#0	QPSK	NV	-30	37.85	0.054	-2.5	2.5	PASS
5	23755	25	#0	QPSK	NV	-20	29.0	0.04	-2.5	2.5	PASS



							4	1			
5	23755	25	#0	QPSK	NV	0	21.5 7	0.03 1	-2.5	2.5	PASS
5	23755	25	#0	QPSK	NV	10	18.6 3	0.02 6	-2.5	2.5	PASS
5	23755	25	#0	QPSK	NV	20	17.9 5	0.02 5	-2.5	2.5	PASS
5	23755	25	#0	QPSK	NV	30	15.8 9	0.02 2	-2.5	2.5	PASS
5	23755	25	#0	QPSK	NV	40	15.7 2	0.02 2	-2.5	2.5	PASS
5	23755	25	#0	QPSK	NV	50	10.4 3	0.01 5	-2.5	2.5	PASS
5	23755	25	#0	16QAM	NV	-30	9.27	0.01 3	-2.5	2.5	PASS
5	23755	25	#0	16QAM	NV	-20	6.32	0.00 9	-2.5	2.5	PASS
5	23755	25	#0	16QAM	NV	0	7.12	0.01 0	-2.5	2.5	PASS
5	23755	25	#0	16QAM	NV	10	8.00	0.011	-2.5	2.5	PASS
5	23755	25	#0	16QAM	NV	20	8.15	0.01 2	-2.5	2.5	PASS
5	23755	25	#0	16QAM	NV	30	5.81	0.00 8	-2.5	2.5	PASS
5	23755	25	#0	16QAM	NV	40	5.89	0.00 8	-2.5	2.5	PASS
5	23755	25	#0	16QAM	NV	50	5.88	0.00 8	-2.5	2.5	PASS
5	23790	25	#0	QPSK	NV	-30	6.52	0.00 9	-2.5	2.5	PASS
5	23790	25	#0	QPSK	NV	-20	0.39	0.00 1	-2.5	2.5	PASS
5	23790	25	#0	QPSK	NV	0	-0.87	-0.00 1	-2.5	2.5	PASS
5	23790	25	#0	QPSK	NV	10	-1.96	-0.00 3	-2.5	2.5	PASS
5	23790	25	#0	QPSK	NV	20	-3.36	-0.00 5	-2.5	2.5	PASS
5	23790	25	#0	QPSK	NV	30	-8.34	-0.01 2	-2.5	2.5	PASS
5	23790	25	#0	QPSK	NV	40	-15.2 5	-0.02 1	-2.5	2.5	PASS
5	23790	25	#0	QPSK	NV	50	-15.0 5	-0.02 1	-2.5	2.5	PASS





5	23790	25	#0	16QAM	NV	-30	-19.0 3	-0.02 7	-2.5	2.5	PASS
5	23790	25	#0	16QAM	NV	-20	-22.7 5	-0.03 2	-2.5	2.5	PASS
5	23790	25	#0	16QAM	NV	0	-23.7 6	-0.03 3	-2.5	2.5	PASS
5	23790	25	#0	16QAM	NV	10	-20.1 6	-0.02 8	-2.5	2.5	PASS
5	23790	25	#0	16QAM	NV	20	-18.3 7	-0.02 6	-2.5	2.5	PASS
5	23790	25	#0	16QAM	NV	30	-18.4 1	-0.02 6	-2.5	2.5	PASS
5	23790	25	#0	16QAM	NV	40	-20.1 7	-0.02 8	-2.5	2.5	PASS
5	23790	25	#0	16QAM	NV	50	-19.8 3	-0.02 8	-2.5	2.5	PASS
5	23825	25	#0	QPSK	NV	-30	-20.6 0	-0.02 9	-2.5	2.5	PASS
5	23825	25	#0	QPSK	NV	-20	-23.6 3	-0.03 3	-2.5	2.5	PASS
5	23825	25	#0	QPSK	NV	0	-24.1 0	-0.03 4	-2.5	2.5	PASS
5	23825	25	#0	QPSK	NV	10	-23.9 6	-0.03 4	-2.5	2.5	PASS
5	23825	25	#0	QPSK	NV	20	-27.4 4	-0.03 8	-2.5	2.5	PASS
5	23825	25	#0	QPSK	NV	30	-30.2 4	-0.04 2	-2.5	2.5	PASS
5	23825	25	#0	QPSK	NV	40	-33.7 9	-0.04 7	-2.5	2.5	PASS
5	23825	25	#0	QPSK	NV	50	-36.3 1	-0.05 1	-2.5	2.5	PASS
5	23825	25	#0	16QAM	NV	-30	-36.0 8	-0.05 1	-2.5	2.5	PASS
5	23825	25	#0	16QAM	NV	-20	-32.9 7	-0.04 6	-2.5	2.5	PASS
5	23825	25	#0	16QAM	NV	0	-31.4 3	-0.04 4	-2.5	2.5	PASS
5	23825	25	#0	16QAM	NV	10	-33.1 3	-0.04 6	-2.5	2.5	PASS
5	23825	25	#0	16QAM	NV	20	-32.9 2	-0.04 6	-2.5	2.5	PASS
5	23825	25	#0	16QAM	NV	30	-32.4 6	-0.04 5	-2.5	2.5	PASS



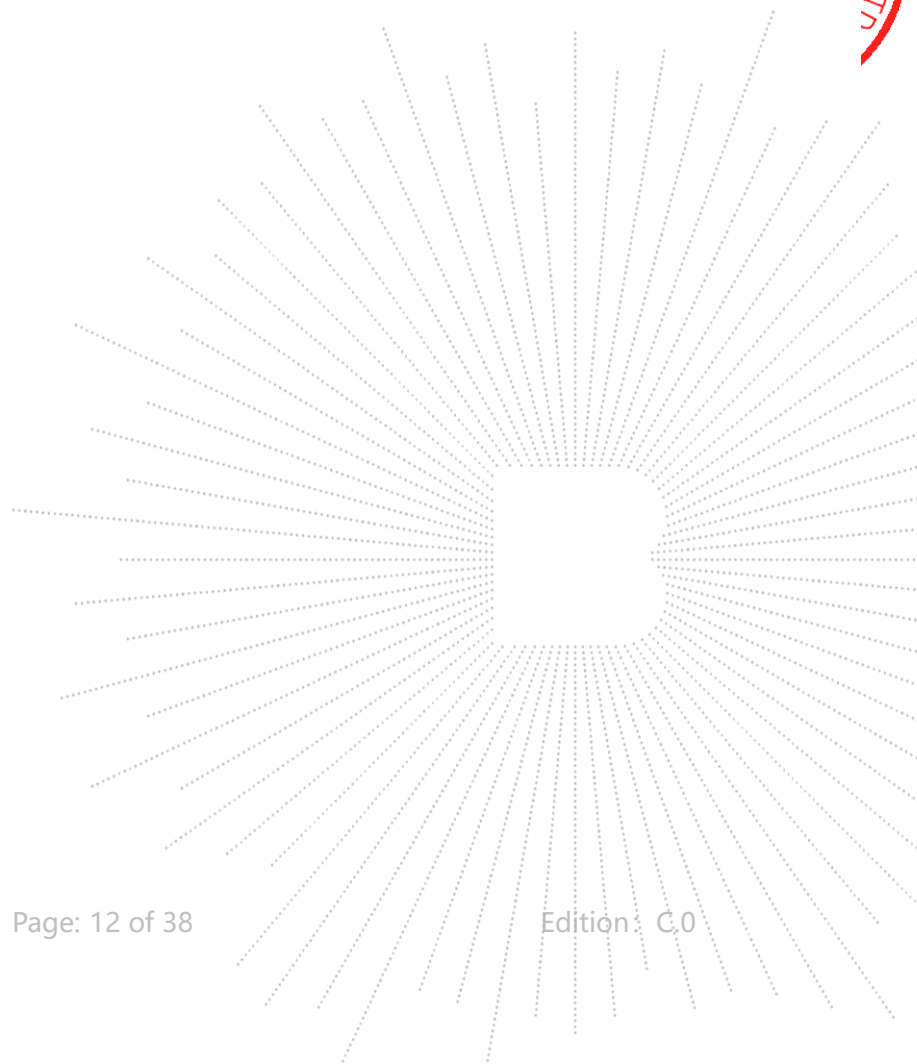
5	23825	25	#0	16QAM	NV	40	-31.3 4	-0.04 4	-2.5	2.5	PASS
5	23825	25	#0	16QAM	NV	50	-26.8 1	-0.03 8	-2.5	2.5	PASS
10	23780	50	#0	QPSK	NV	-30	-9.31	-0.01 3	-2.5	2.5	PASS
10	23780	50	#0	QPSK	NV	-20	-18.9 8	-0.02 7	-2.5	2.5	PASS
10	23780	50	#0	QPSK	NV	0	-26.7 6	-0.03 8	-2.5	2.5	PASS
10	23780	50	#0	QPSK	NV	10	-27.8 2	-0.03 9	-2.5	2.5	PASS
10	23780	50	#0	QPSK	NV	20	-32.0 7	-0.04 5	-2.5	2.5	PASS
10	23780	50	#0	QPSK	NV	30	-34.7 0	-0.04 9	-2.5	2.5	PASS
10	23780	50	#0	QPSK	NV	40	-40.4 4	-0.05 7	-2.5	2.5	PASS
10	23780	50	#0	QPSK	NV	50	-45.8 8	-0.06 5	-2.5	2.5	PASS
10	23780	50	#0	16QAM	NV	-30	-47.1 6	-0.06 7	-2.5	2.5	PASS
10	23780	50	#0	16QAM	NV	-20	-47.5 5	-0.06 7	-2.5	2.5	PASS
10	23780	50	#0	16QAM	NV	0	-49.8 8	-0.07 0	-2.5	2.5	PASS
10	23780	50	#0	16QAM	NV	10	-49.4 1	-0.07 0	-2.5	2.5	PASS
10	23780	50	#0	16QAM	NV	20	-48.1 4	-0.06 8	-2.5	2.5	PASS
10	23780	50	#0	16QAM	NV	30	-46.9 9	-0.06 6	-2.5	2.5	PASS
10	23780	50	#0	16QAM	NV	40	-43.8 2	-0.06 2	-2.5	2.5	PASS
10	23780	50	#0	16QAM	NV	50	-41.2 0	-0.05 8	-2.5	2.5	PASS
10	23790	50	#0	QPSK	NV	-30	-36.3 3	-0.05 1	-2.5	2.5	PASS
10	23790	50	#0	QPSK	NV	-20	-39.3 1	-0.05 5	-2.5	2.5	PASS
10	23790	50	#0	QPSK	NV	0	-38.4 4	-0.05 4	-2.5	2.5	PASS
10	23790	50	#0	QPSK	NV	10	-41.1 4	-0.05 8	-2.5	2.5	PASS



10	23790	50	#0	QPSK	NV	20	-42.9 3	-0.06 0	-2.5	2.5	PASS
10	23790	50	#0	QPSK	NV	30	-44.8 9	-0.06 3	-2.5	2.5	PASS
10	23790	50	#0	QPSK	NV	40	-46.5 6	-0.06 6	-2.5	2.5	PASS
10	23790	50	#0	QPSK	NV	50	-26.3 1	-0.03 7	-2.5	2.5	PASS
10	23790	50	#0	16QAM	NV	-30	7.25	0.01 0	-2.5	2.5	PASS
10	23790	50	#0	16QAM	NV	-20	13.0 7	0.01 8	-2.5	2.5	PASS
10	23790	50	#0	16QAM	NV	0	12.9 6	0.01 8	-2.5	2.5	PASS
10	23790	50	#0	16QAM	NV	10	12.4 7	0.01 8	-2.5	2.5	PASS
10	23790	50	#0	16QAM	NV	20	14.2 0	0.02 0	-2.5	2.5	PASS
10	23790	50	#0	16QAM	NV	30	21.2 7	0.03 0	-2.5	2.5	PASS
10	23790	50	#0	16QAM	NV	40	23.4 9	0.03 3	-2.5	2.5	PASS
10	23790	50	#0	16QAM	NV	50	23.8 0	0.03 4	-2.5	2.5	PASS
10	23800	50	#0	QPSK	NV	-30	25.9 9	0.03 7	-2.5	2.5	PASS
10	23800	50	#0	QPSK	NV	-20	30.2 7	0.04 3	-2.5	2.5	PASS
10	23800	50	#0	QPSK	NV	0	29.5 1	0.04 2	-2.5	2.5	PASS
10	23800	50	#0	QPSK	NV	10	28.5 1	0.04 0	-2.5	2.5	PASS
10	23800	50	#0	QPSK	NV	20	24.0 5	0.03 4	-2.5	2.5	PASS
10	23800	50	#0	QPSK	NV	30	22.2 2	0.03 1	-2.5	2.5	PASS
10	23800	50	#0	QPSK	NV	40	20.0 7	0.02 8	-2.5	2.5	PASS
10	23800	50	#0	QPSK	NV	50	15.1 9	0.02 1	-2.5	2.5	PASS
10	23800	50	#0	16QAM	NV	-30	13.8 3	0.01 9	-2.5	2.5	PASS
10	23800	50	#0	16QAM	NV	-20	14.4 2	0.02 0	-2.5	2.5	PASS

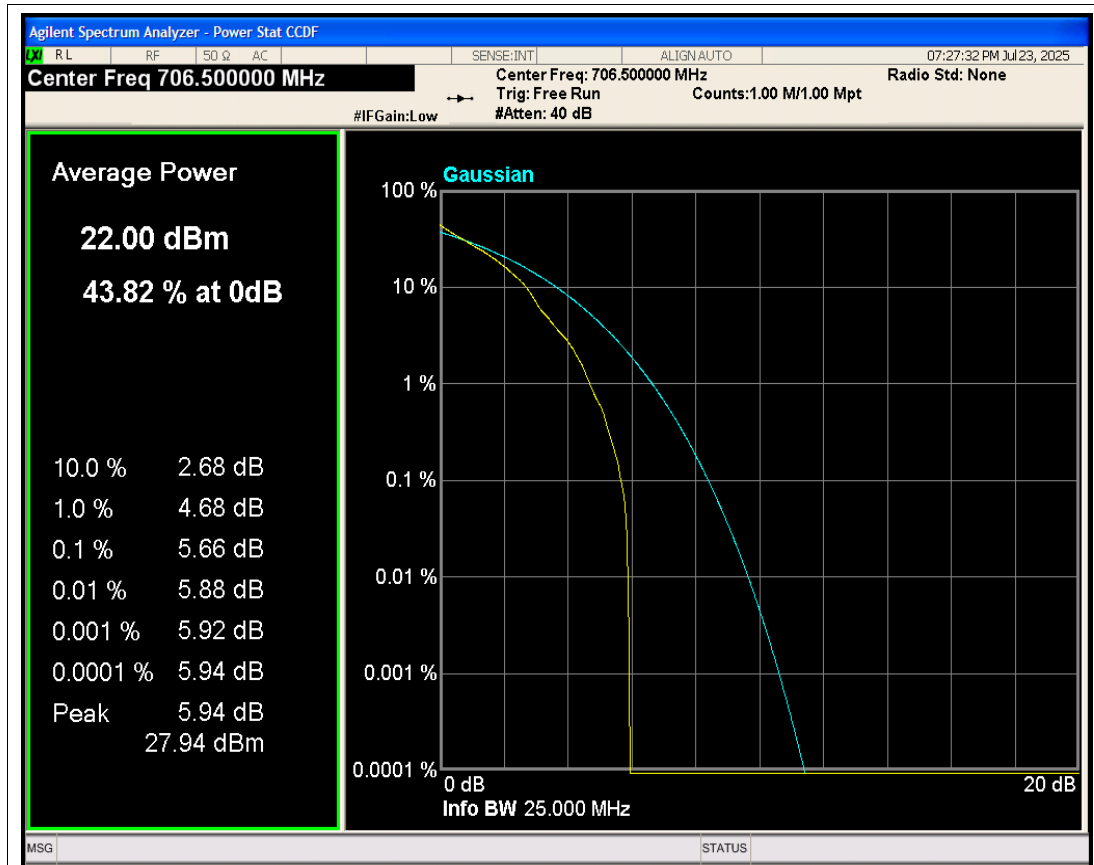
STING
ED

10	23800	50	#0	16QAM	NV	0	15.9 1	0.02 2	-2.5	2.5	PASS
10	23800	50	#0	16QAM	NV	10	14.9 8	0.02 1	-2.5	2.5	PASS
10	23800	50	#0	16QAM	NV	20	17.0 2	0.02 4	-2.5	2.5	PASS
10	23800	50	#0	16QAM	NV	30	17.4 0	0.02 4	-2.5	2.5	PASS
10	23800	50	#0	16QAM	NV	40	20.3 6	0.02 9	-2.5	2.5	PASS
10	23800	50	#0	16QAM	NV	50	23.1 6	0.03 3	-2.5	2.5	PASS

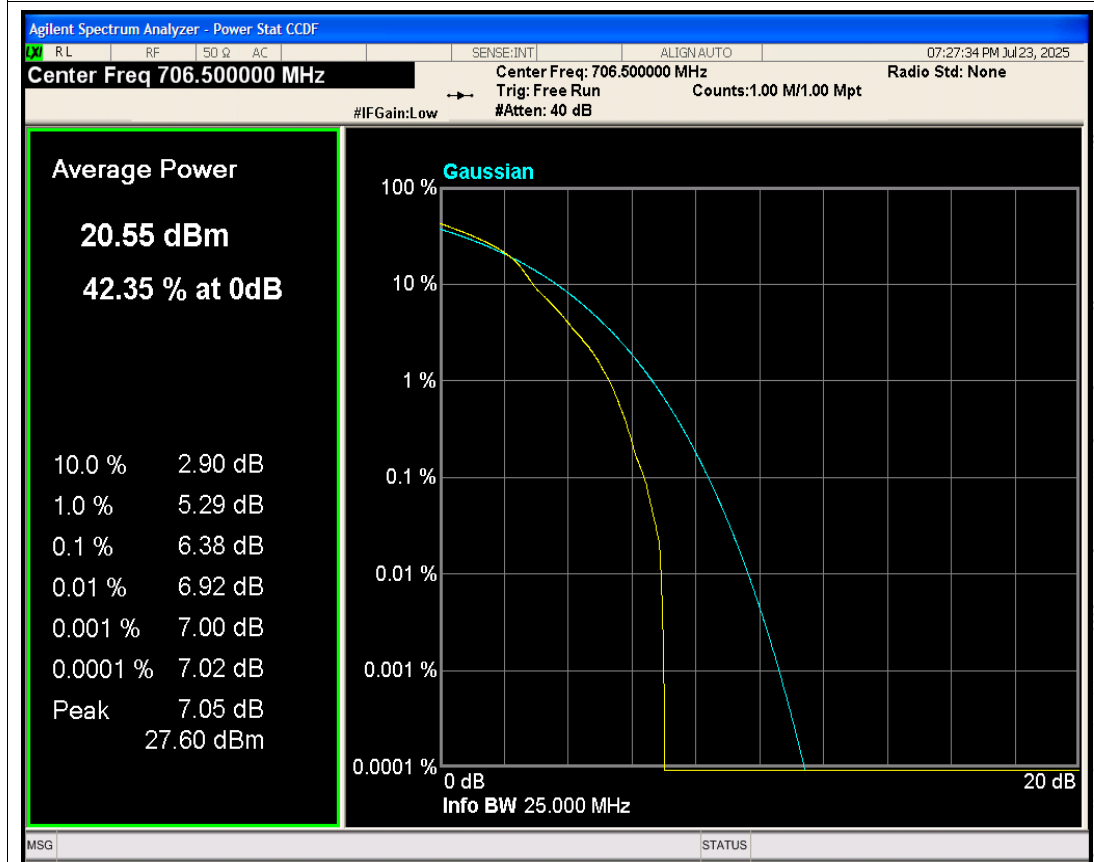


Appendix 3. Peak-to-Average Ratio

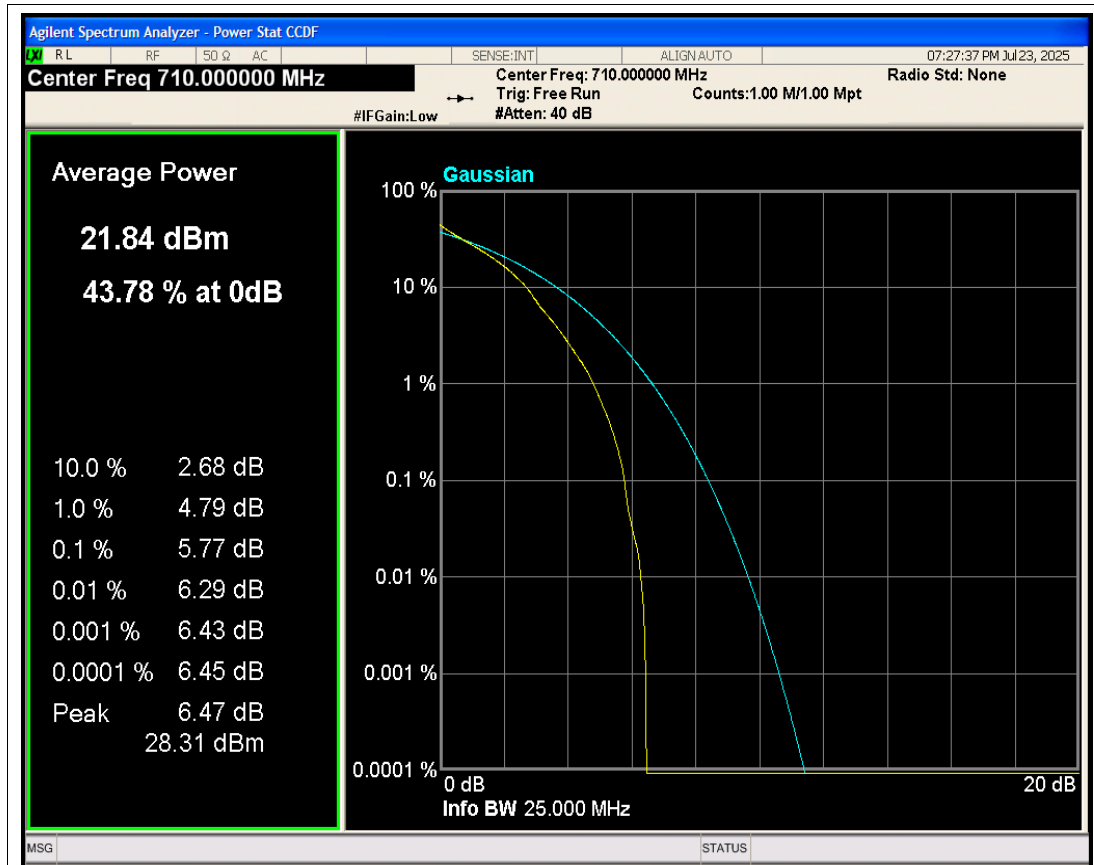
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result (dB)</i>	<i>high Limit (dB)</i>	<i>Verdict</i>
Band17	5	23755	1	#0	QPSK	5.66	13	PASS
Band17	5	23755	1	#0	16QAM	6.38	13	PASS
Band17	5	23790	1	#0	QPSK	5.77	13	PASS
Band17	5	23790	1	#0	16QAM	6.21	13	PASS
Band17	5	23825	1	#0	QPSK	5.30	13	PASS
Band17	5	23825	1	#0	16QAM	6.03	13	PASS
Band17	10	23780	1	#0	QPSK	5.50	13	PASS
Band17	10	23780	1	#0	16QAM	6.49	13	PASS
Band17	10	23790	1	#0	QPSK	5.52	13	PASS
Band17	10	23790	1	#0	16QAM	6.61	13	PASS
Band17	10	23800	1	#0	QPSK	5.47	13	PASS
Band17	10	23800	1	#0	16QAM	6.26	13	PASS



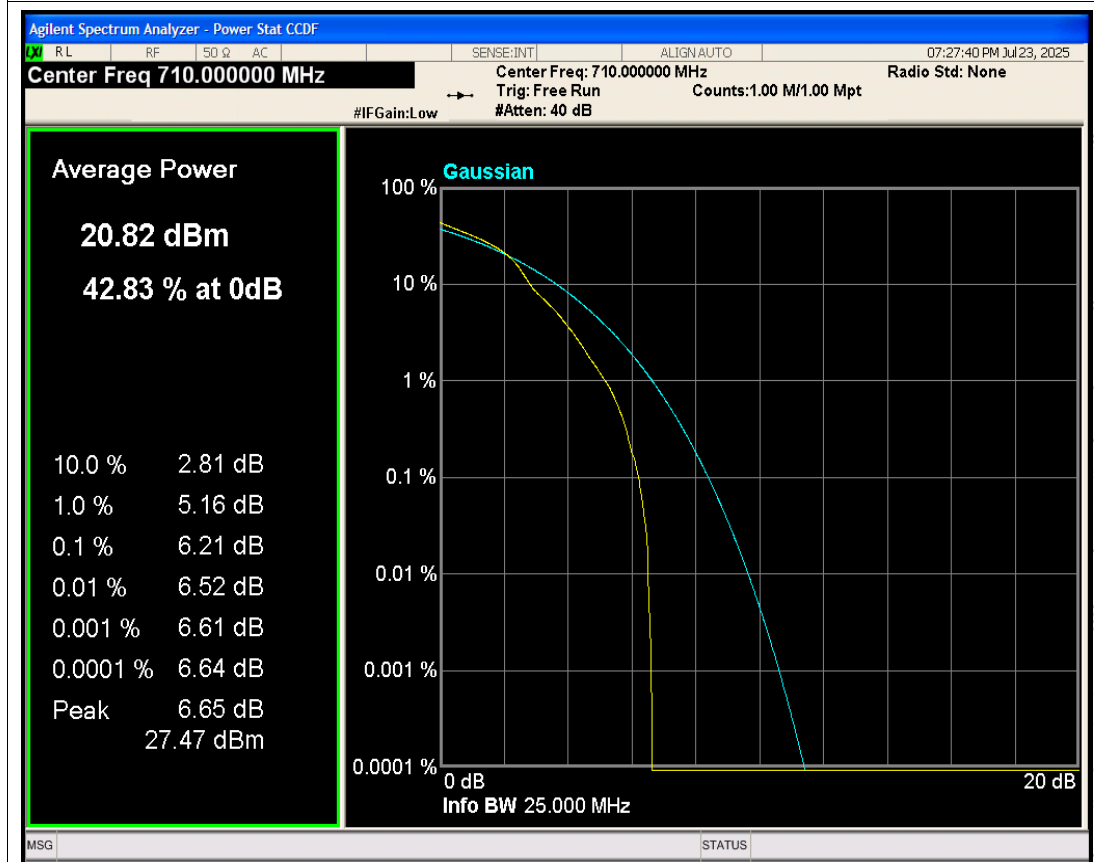
Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#0 NVNT



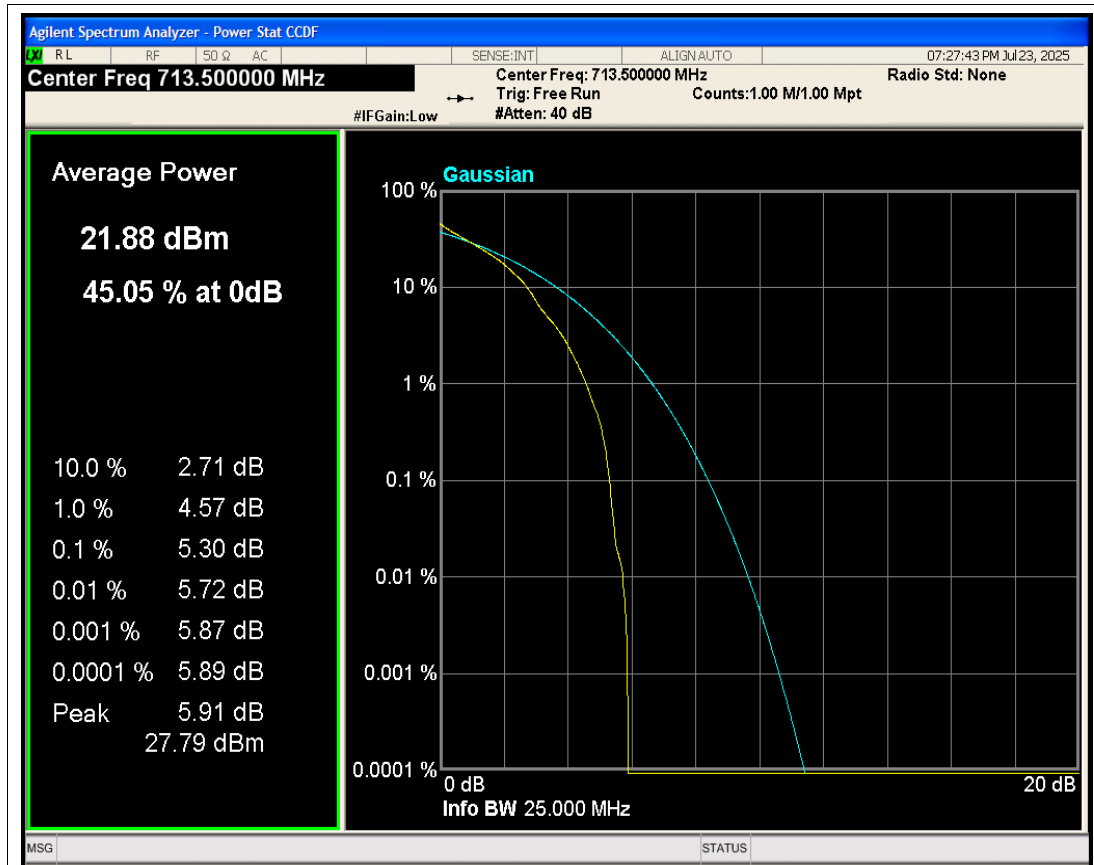
Band17 16QAM BW=5MHz Channel=23755 RB Size=1 Position=#0 NVNT



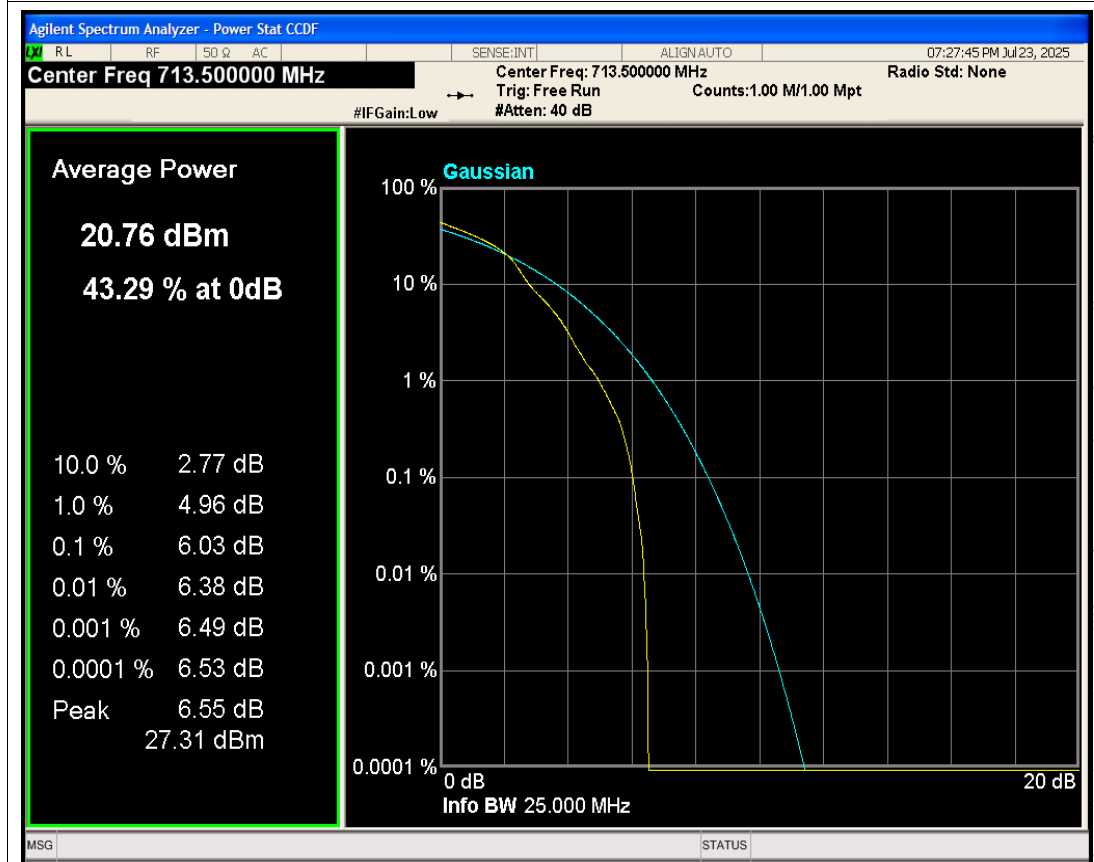
Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0 NVNT



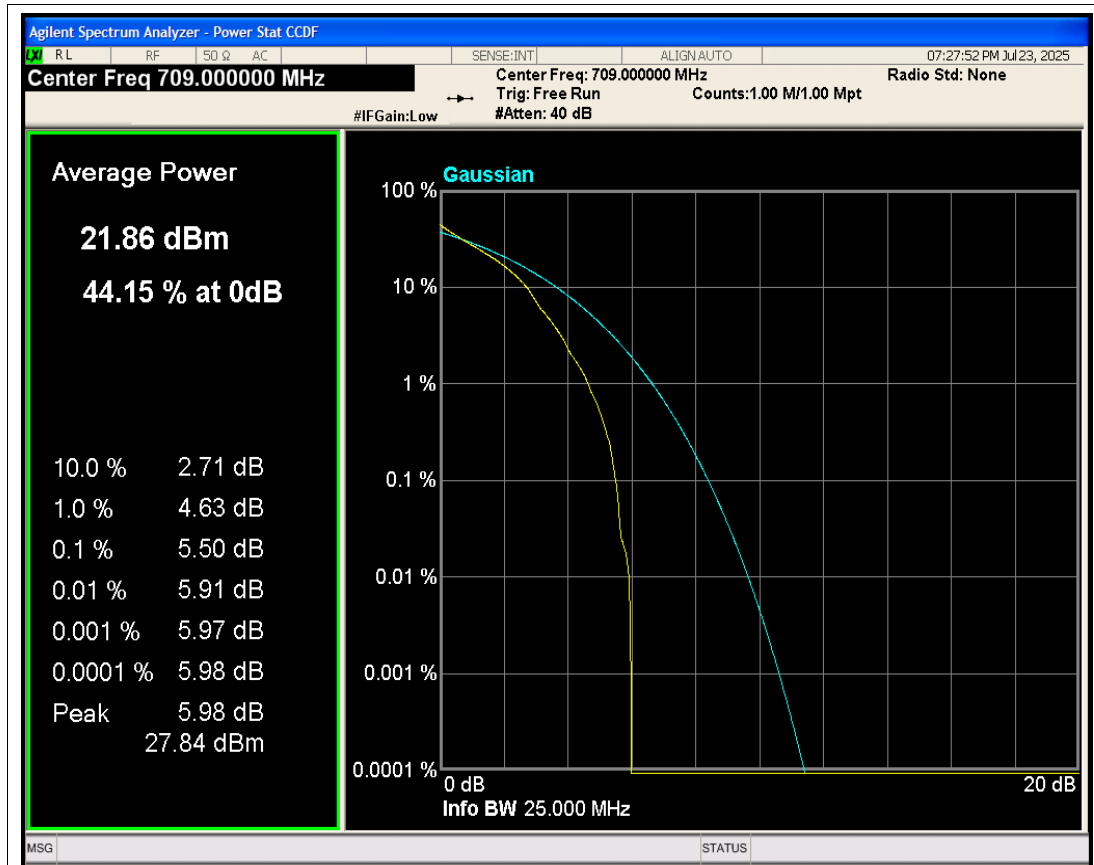
Band17 16QAM BW=5MHz Channel=23790 RB Size=1 Position=#0 NVNT



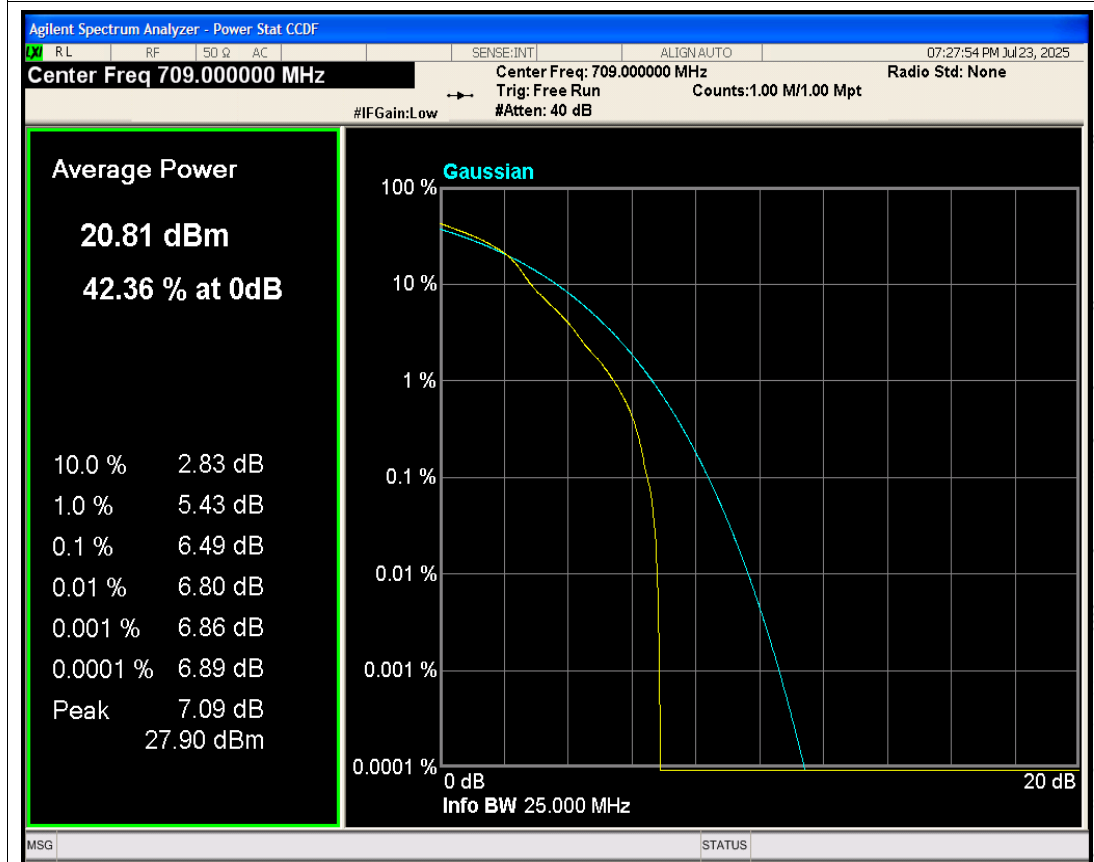
Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0 NVNT



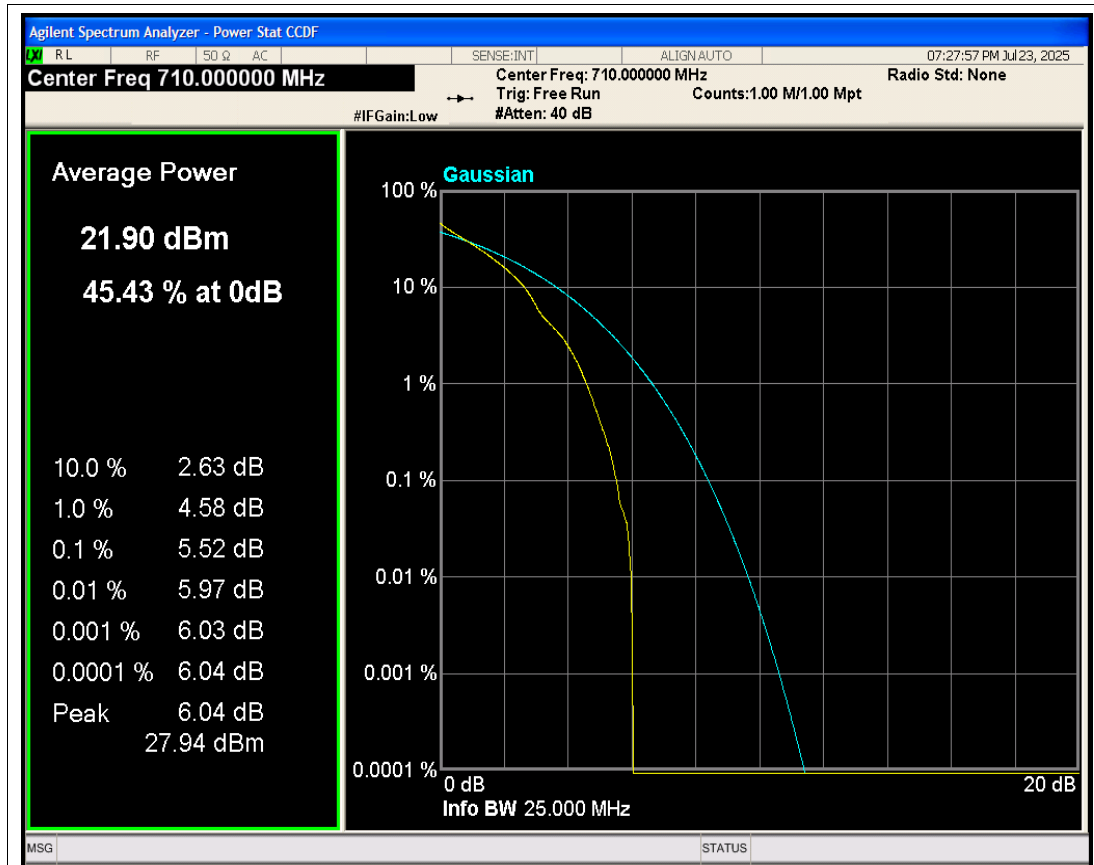
Band17 16QAM BW=5MHz Channel=23825 RB Size=1 Position=#0 NVNT



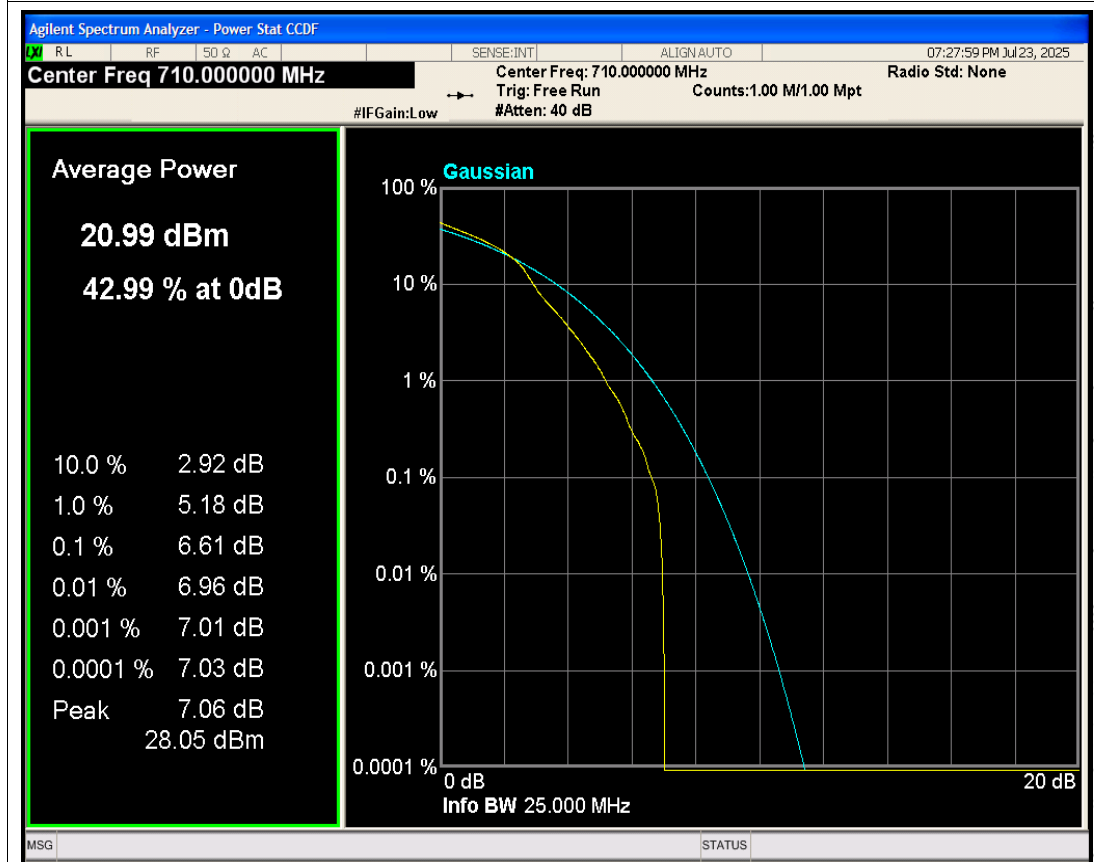
Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0 NVNT



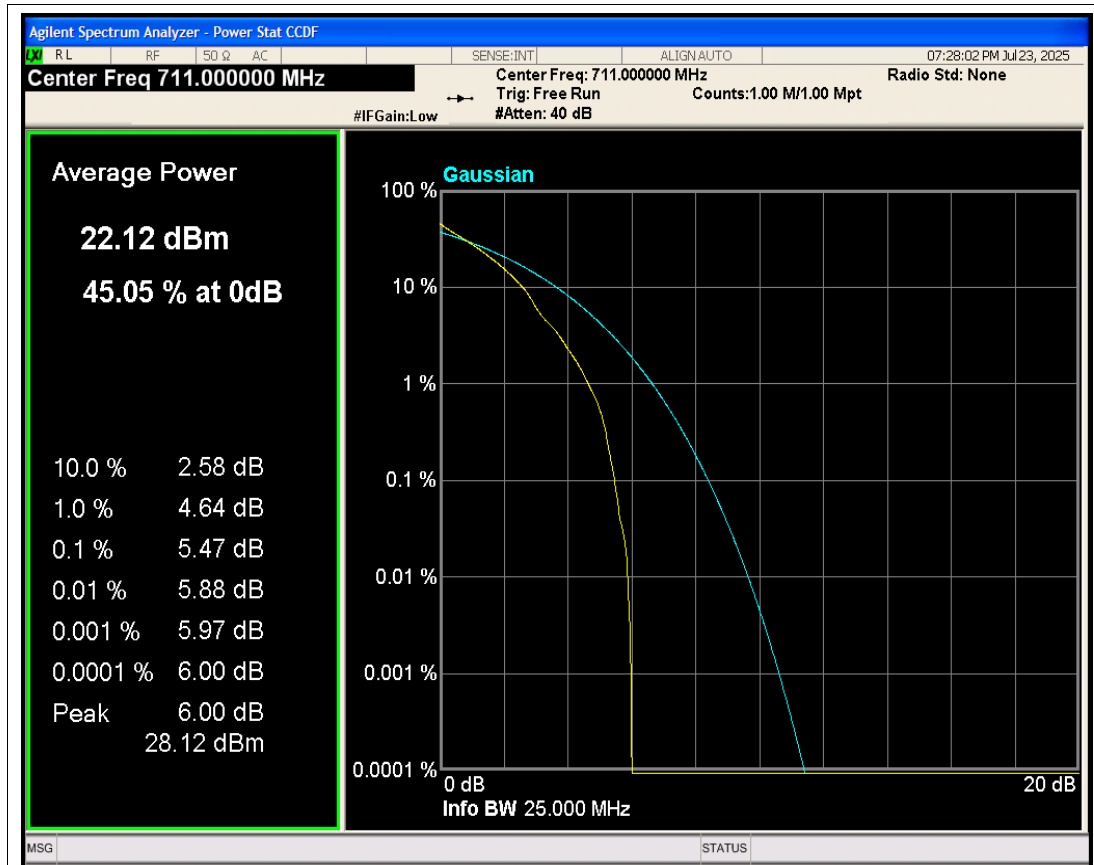
Band17 16QAM BW=10MHz Channel=23780 RB Size=1 Position=#0 NVNT



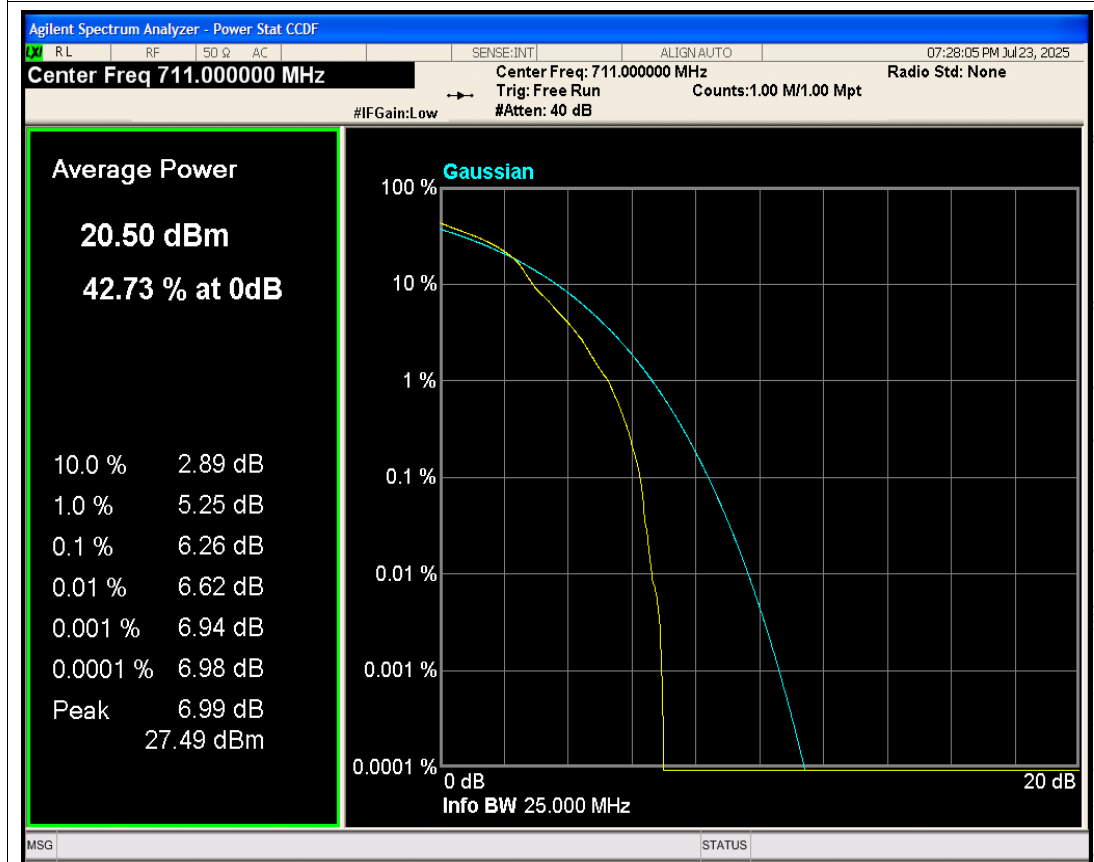
Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0 NVNT



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



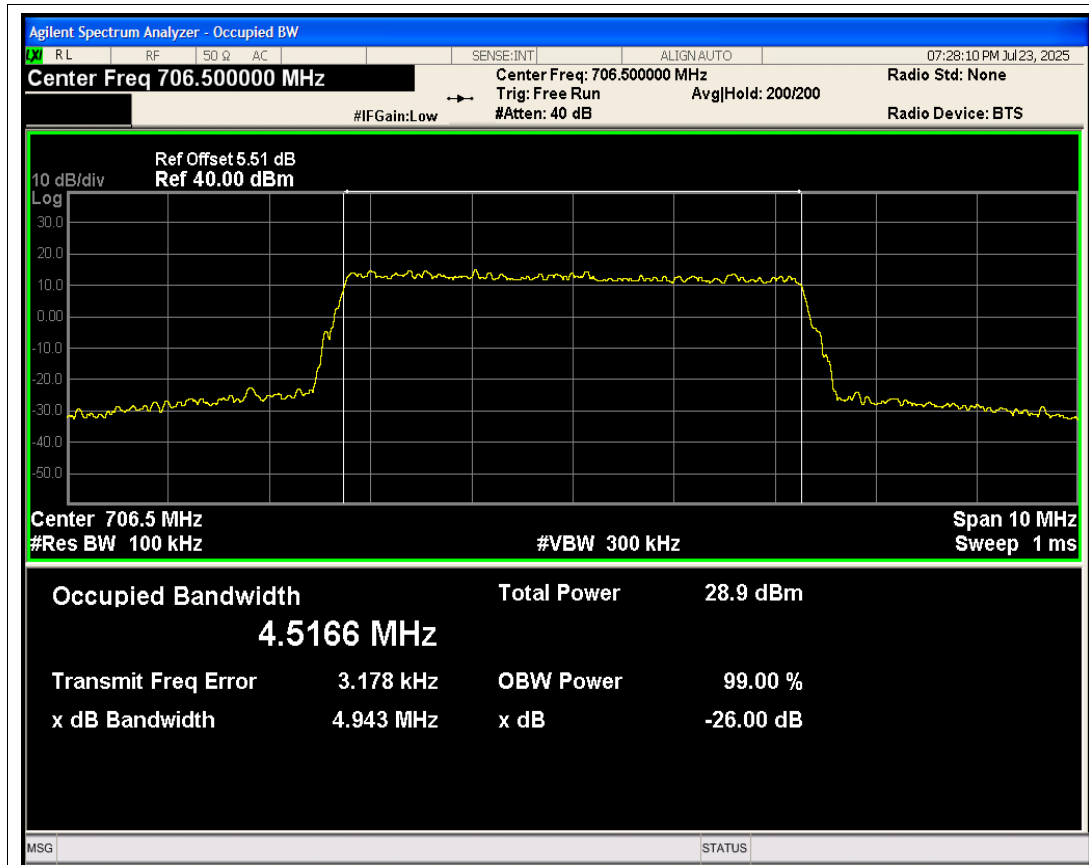
Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0 NVNT



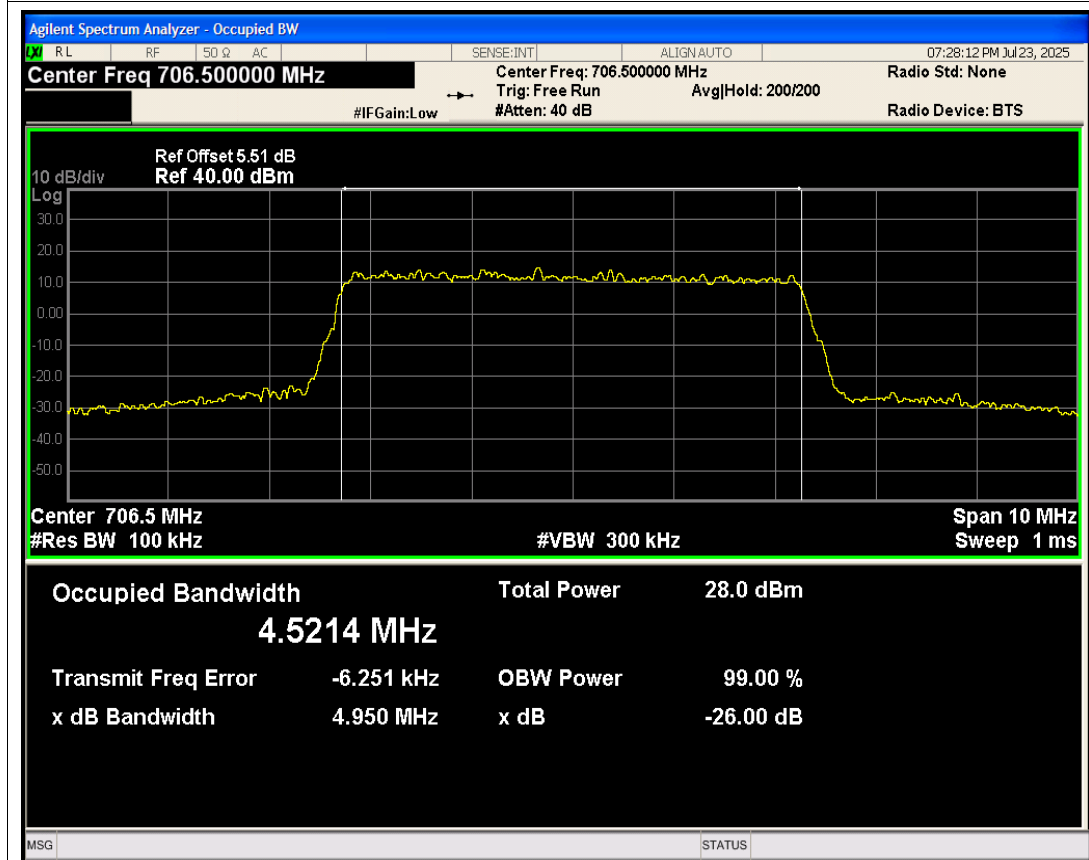
Band17 16QAM BW=10MHz Channel=23800 RB Size=1 Position=#0 NVNT

Appendix 4. Occupied bandwidth

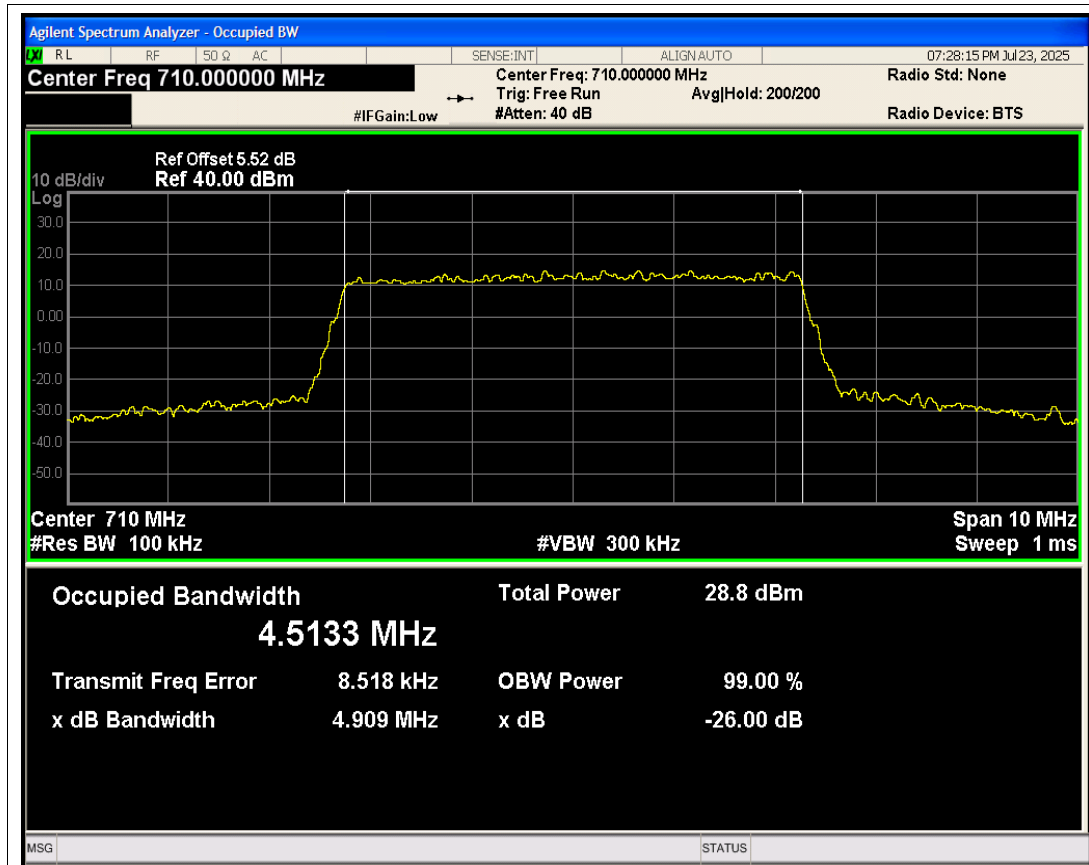
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band17	5	23755	25	#0	QPSK	4.517	4.943	PASS
Band17	5	23755	25	#0	16QAM	4.521	4.950	PASS
Band17	5	23790	25	#0	QPSK	4.513	4.909	PASS
Band17	5	23790	25	#0	16QAM	4.534	4.991	PASS
Band17	5	23825	25	#0	QPSK	4.507	5.003	PASS
Band17	5	23825	25	#0	16QAM	4.549	4.959	PASS
Band17	10	23780	50	#0	QPSK	9.011	9.842	PASS
Band17	10	23780	50	#0	16QAM	8.986	9.972	PASS
Band17	10	23790	50	#0	QPSK	8.973	9.814	PASS
Band17	10	23790	50	#0	16QAM	8.986	9.750	PASS
Band17	10	23800	50	#0	QPSK	8.999	9.637	PASS
Band17	10	23800	50	#0	16QAM	8.965	9.810	PASS



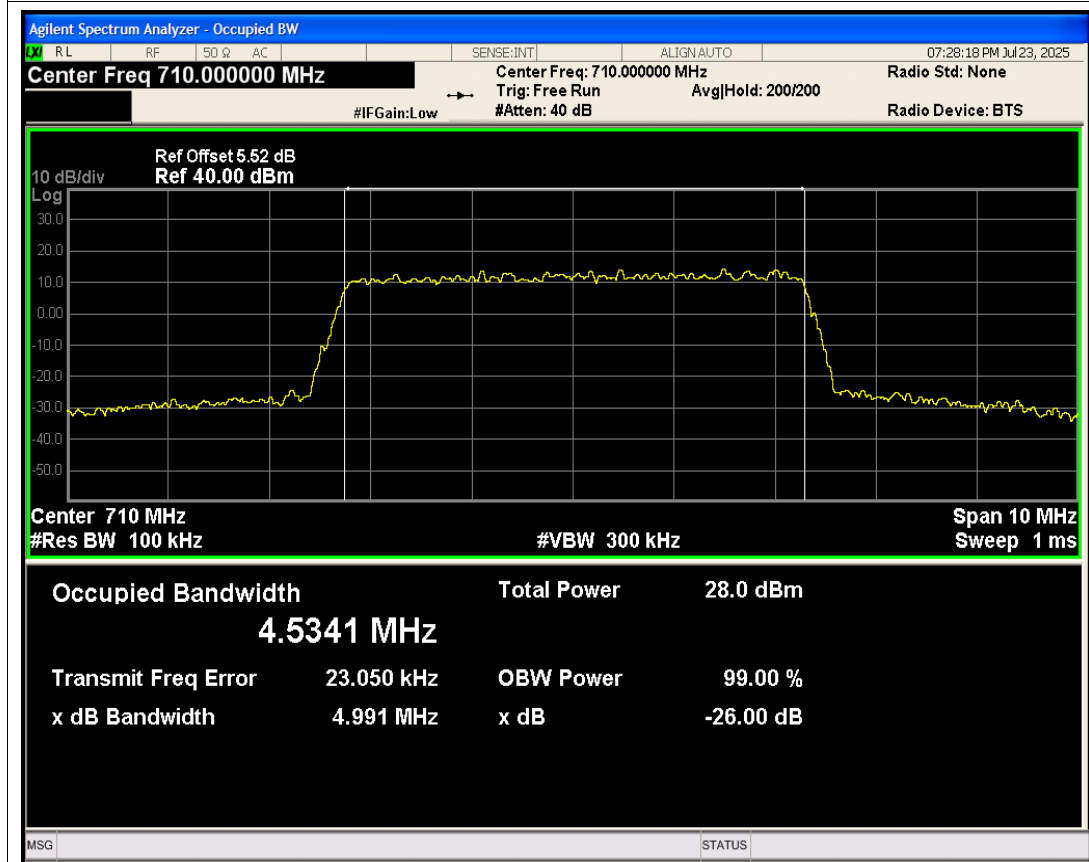
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0 NVNT



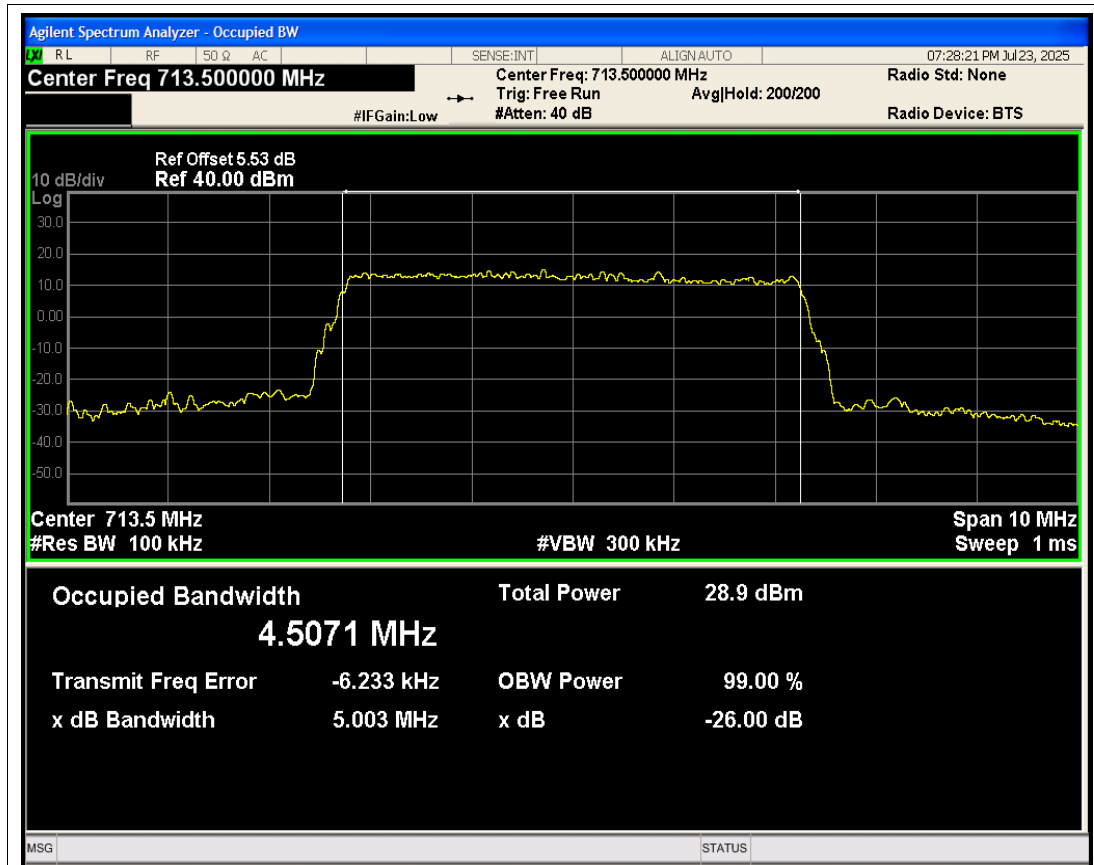
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0 NVNT



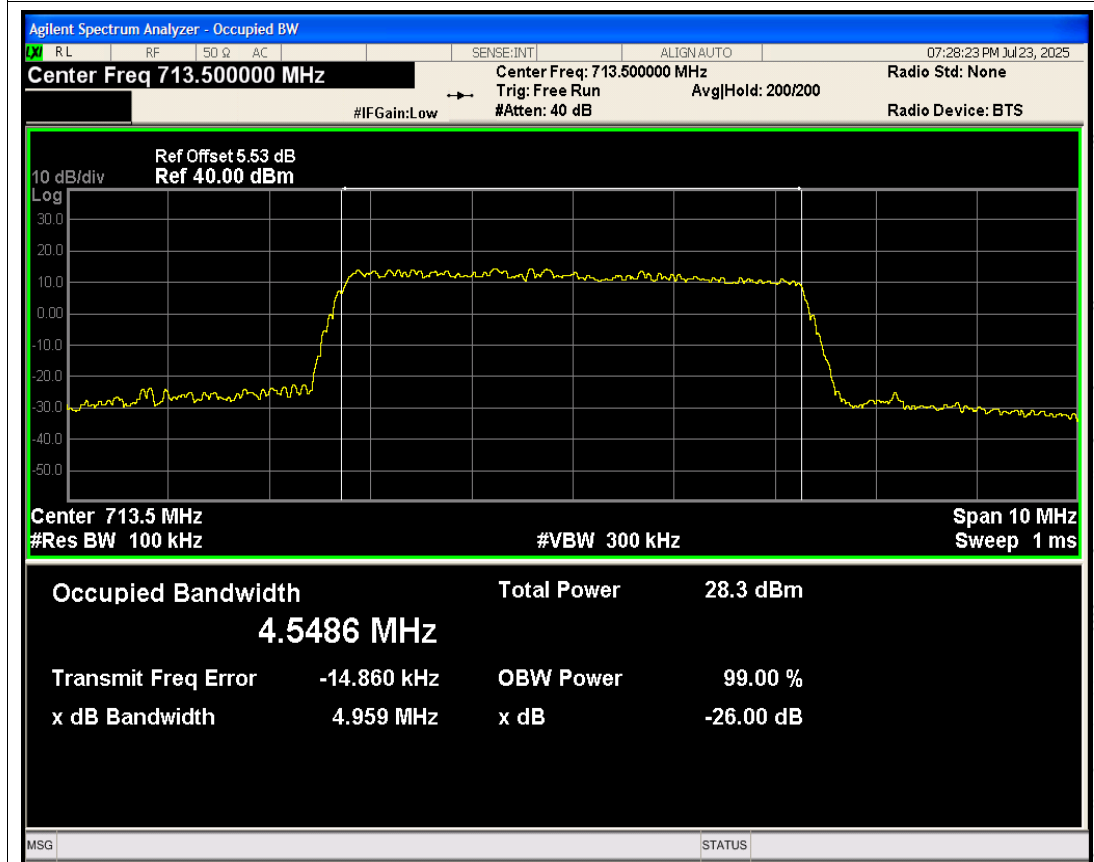
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0 NVNT



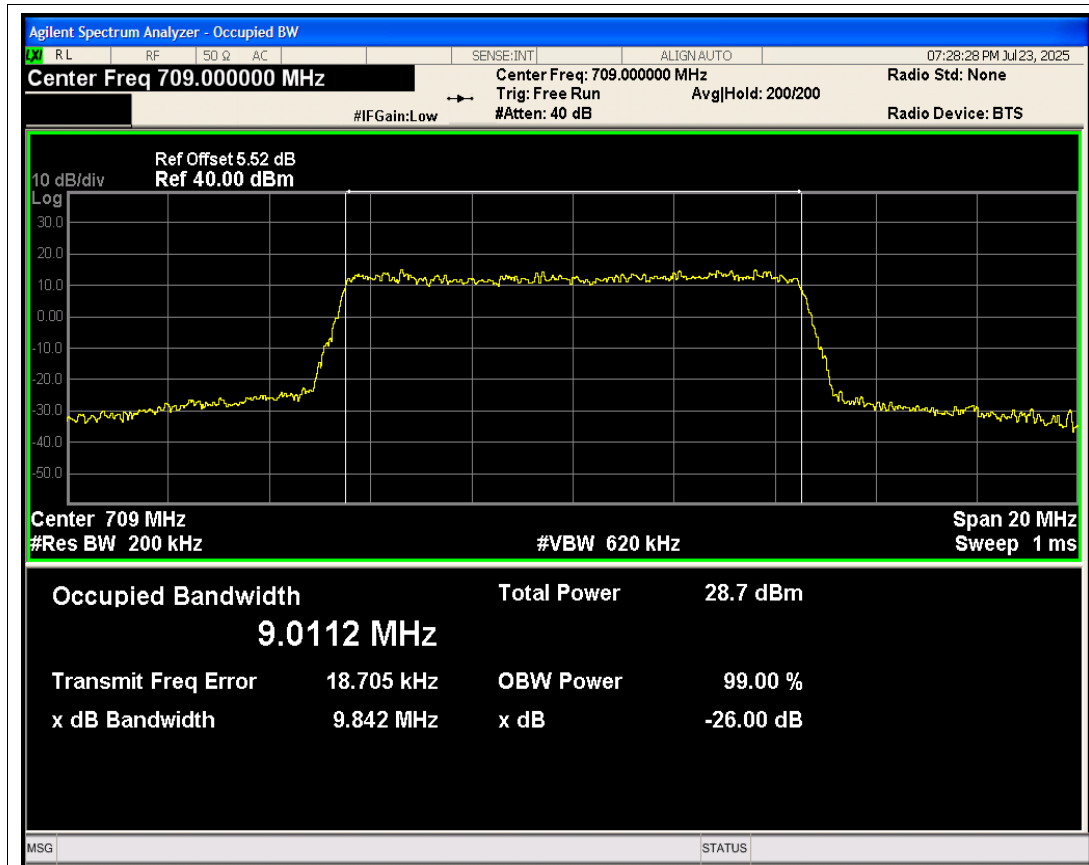
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0 NVNT



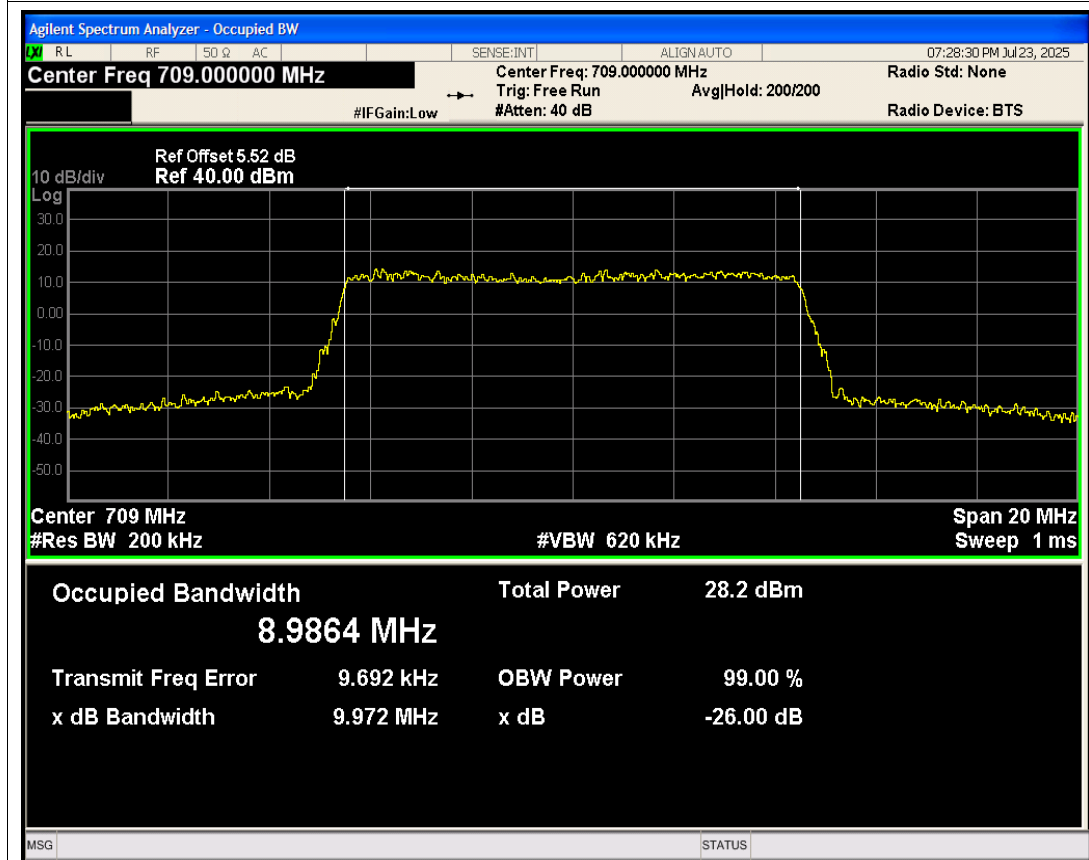
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0 NVNT



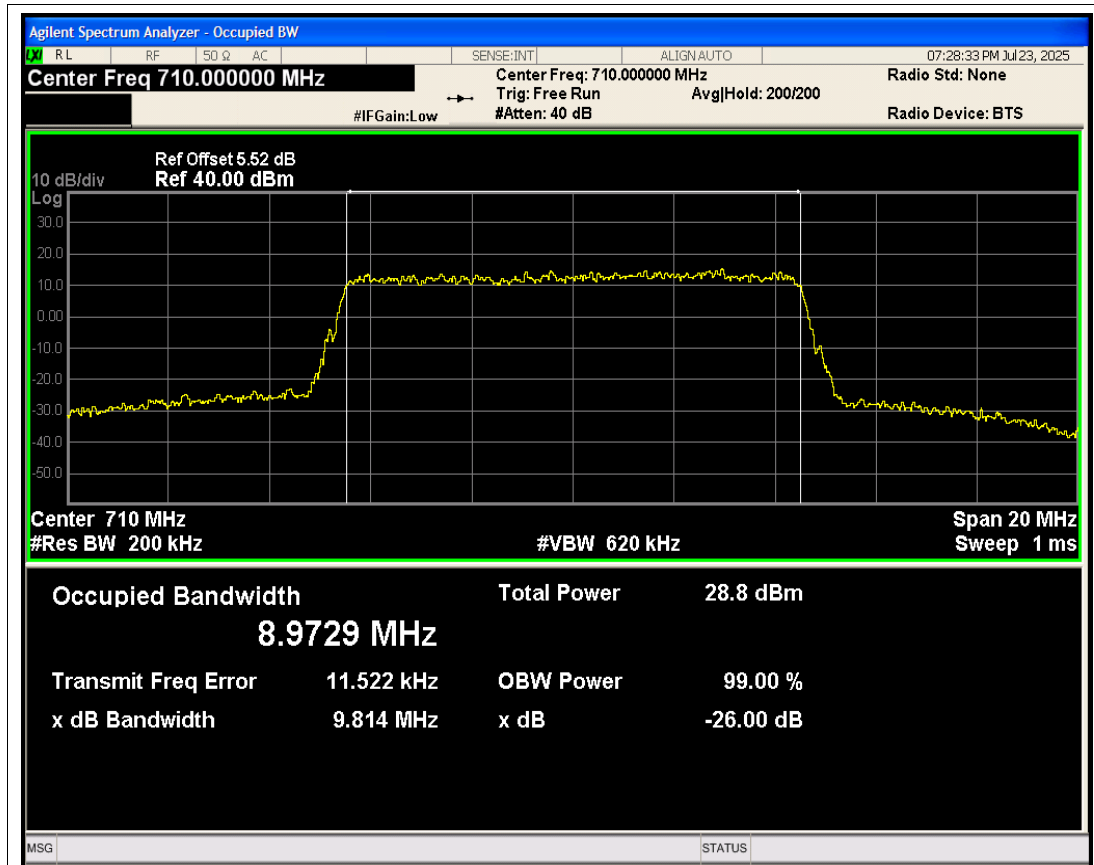
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0 NVNT



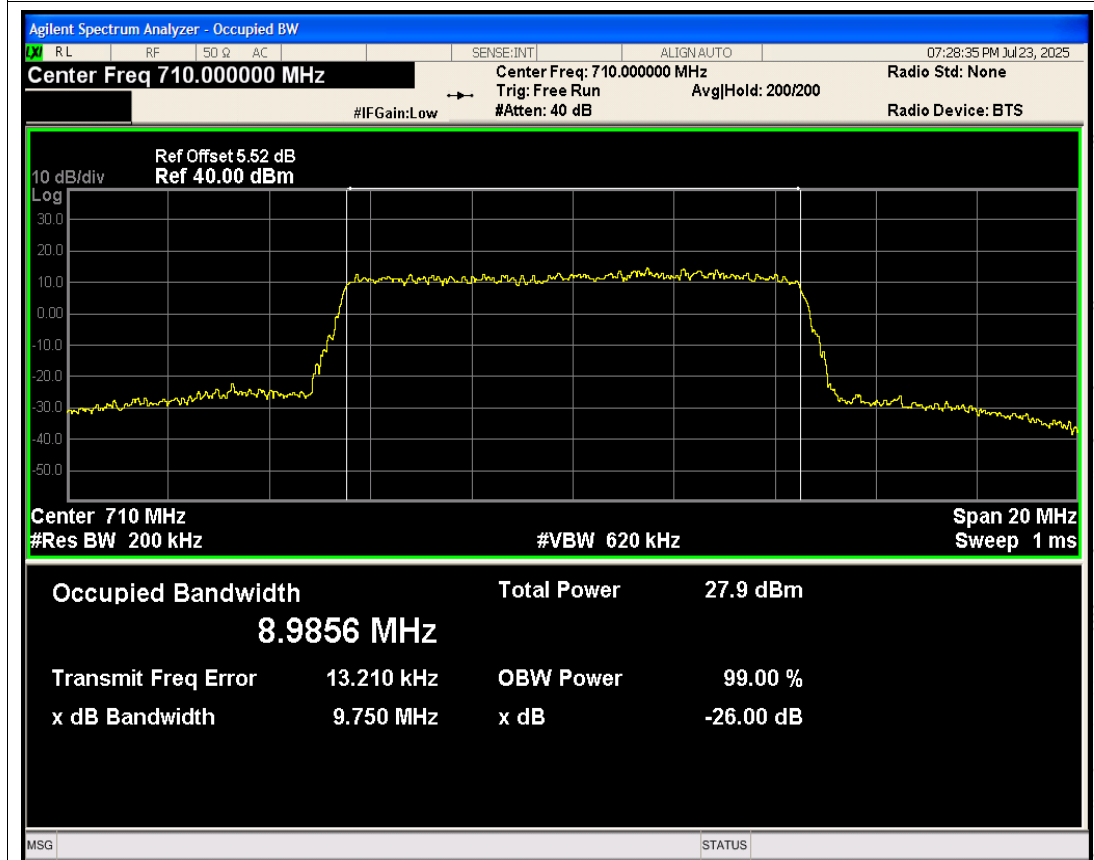
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0 NVNT



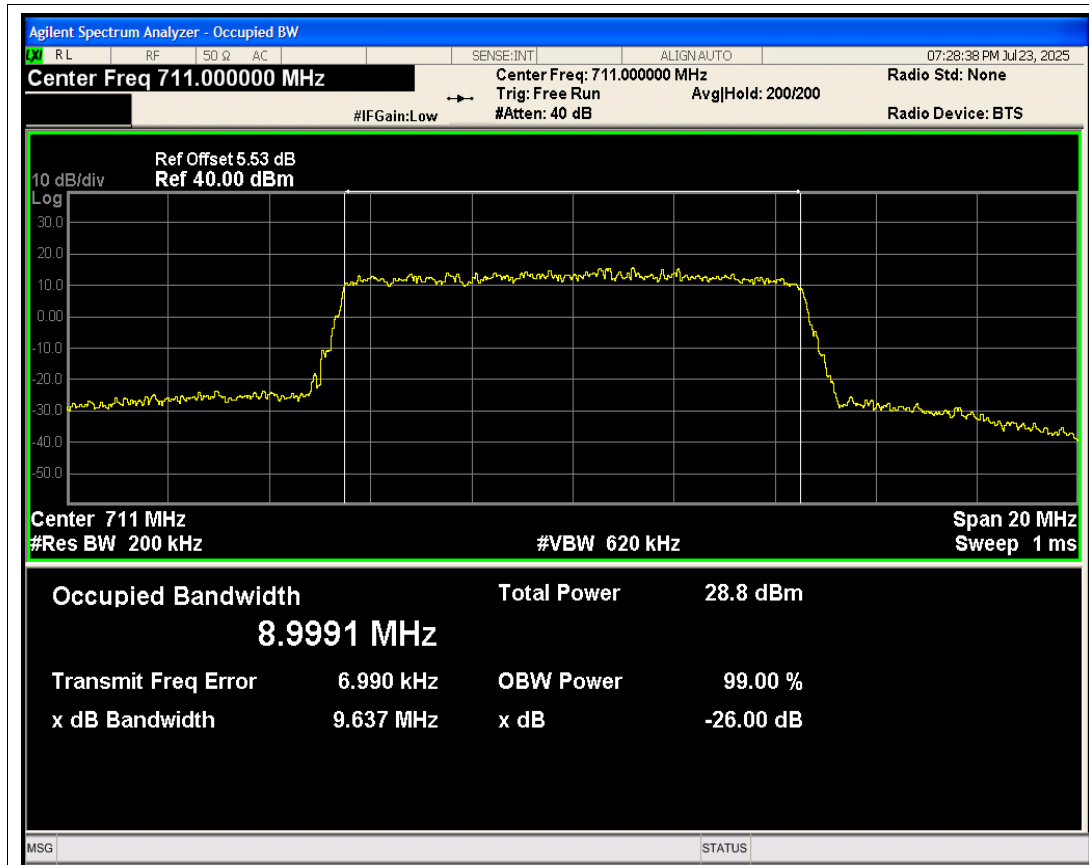
Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0 NVNT



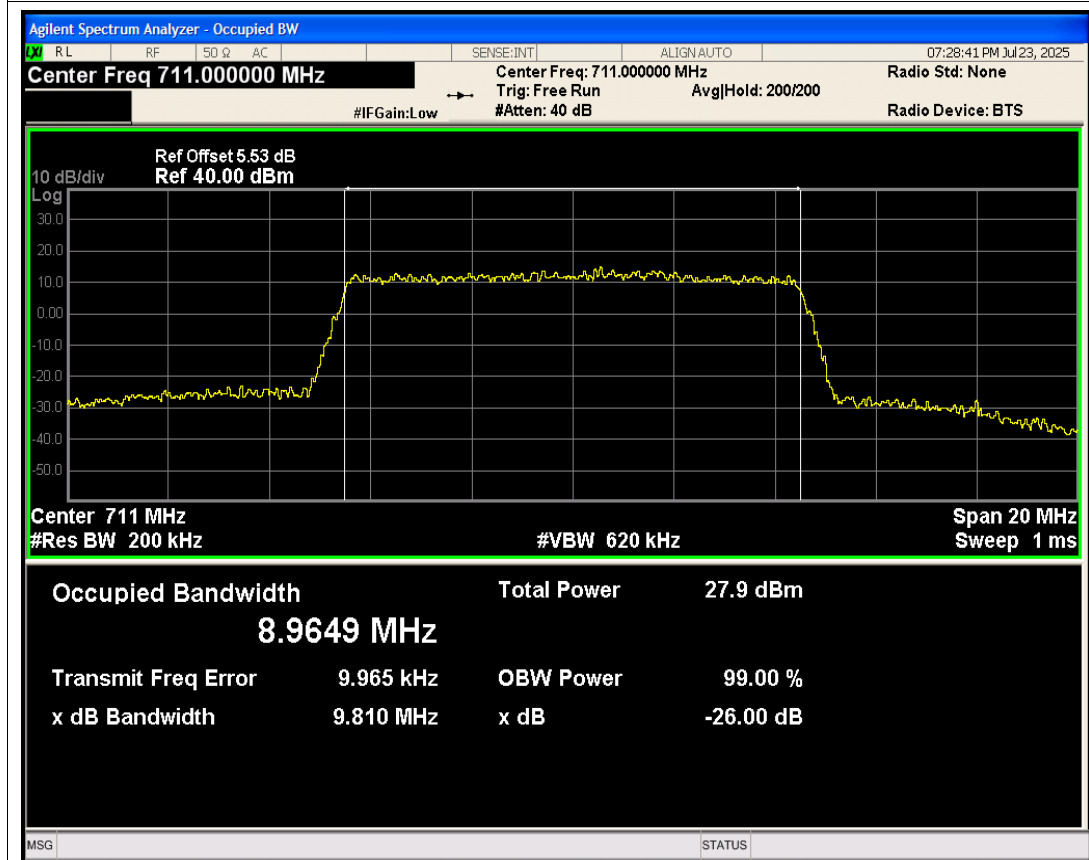
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0 NVNT



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



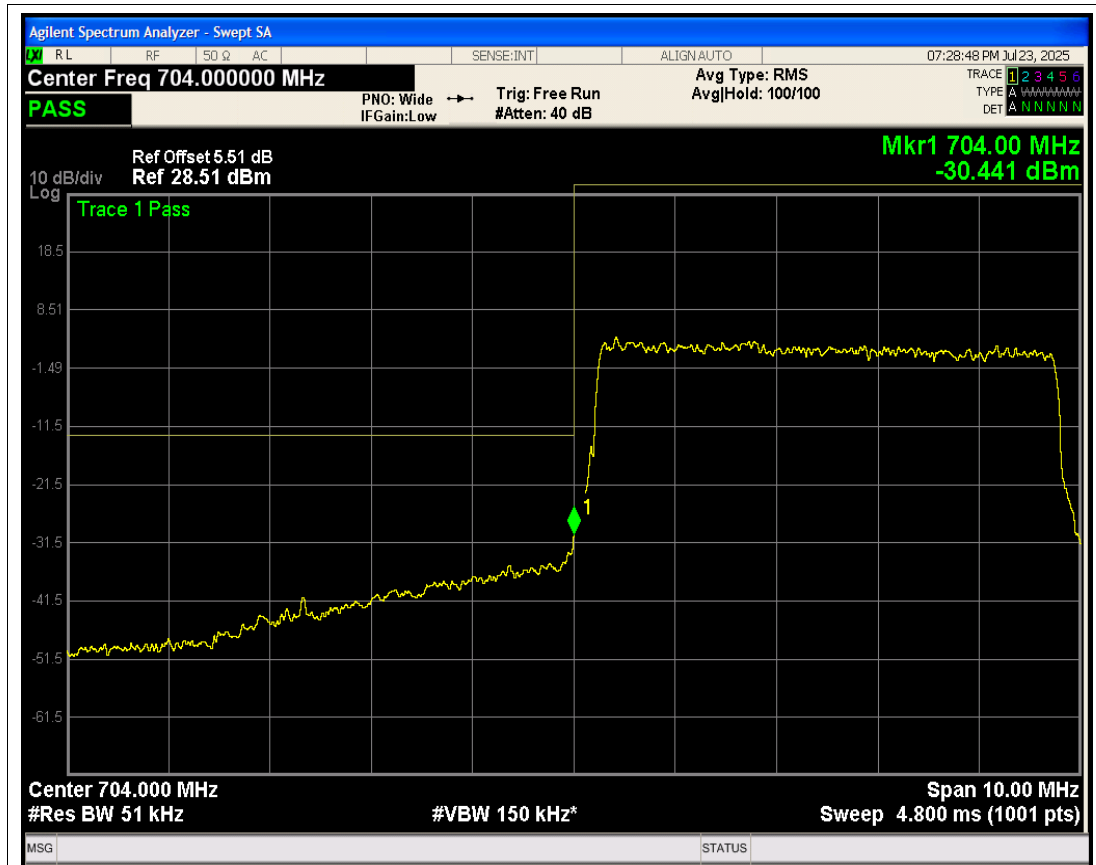
Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0 NVNT



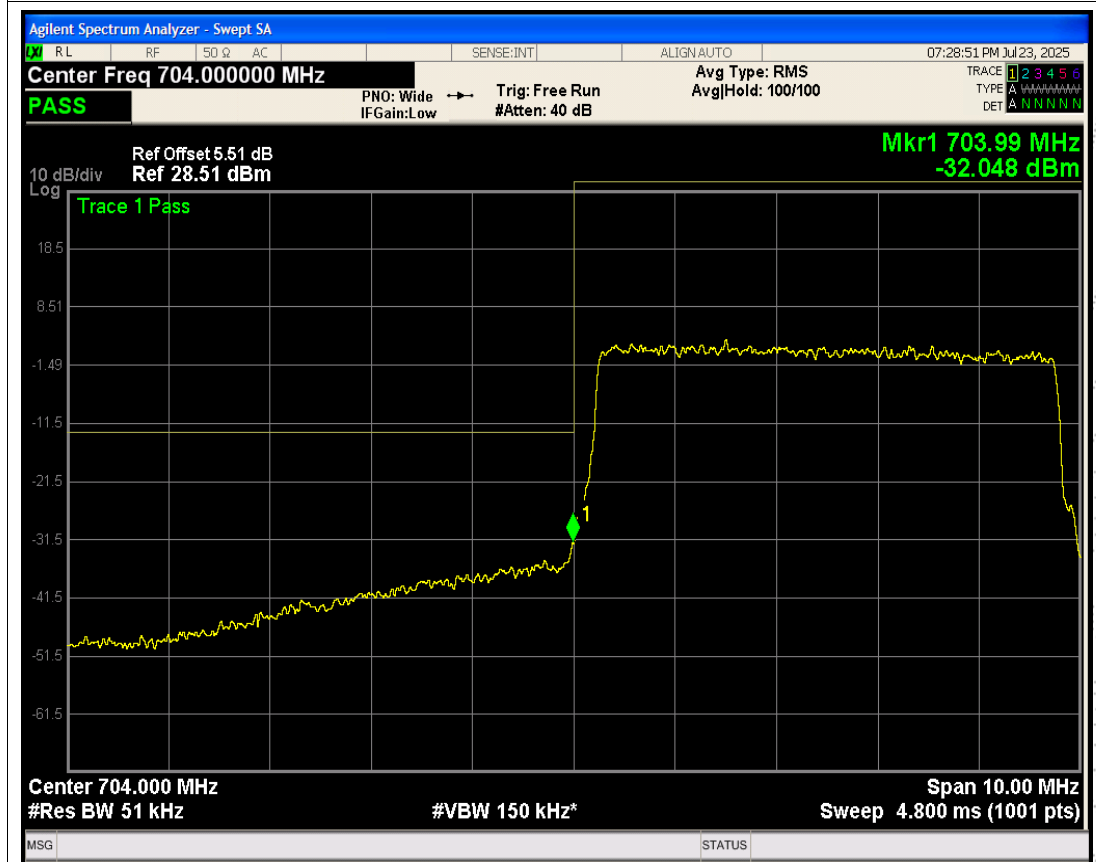
Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0 NVNT

Appendix 5. Band edge

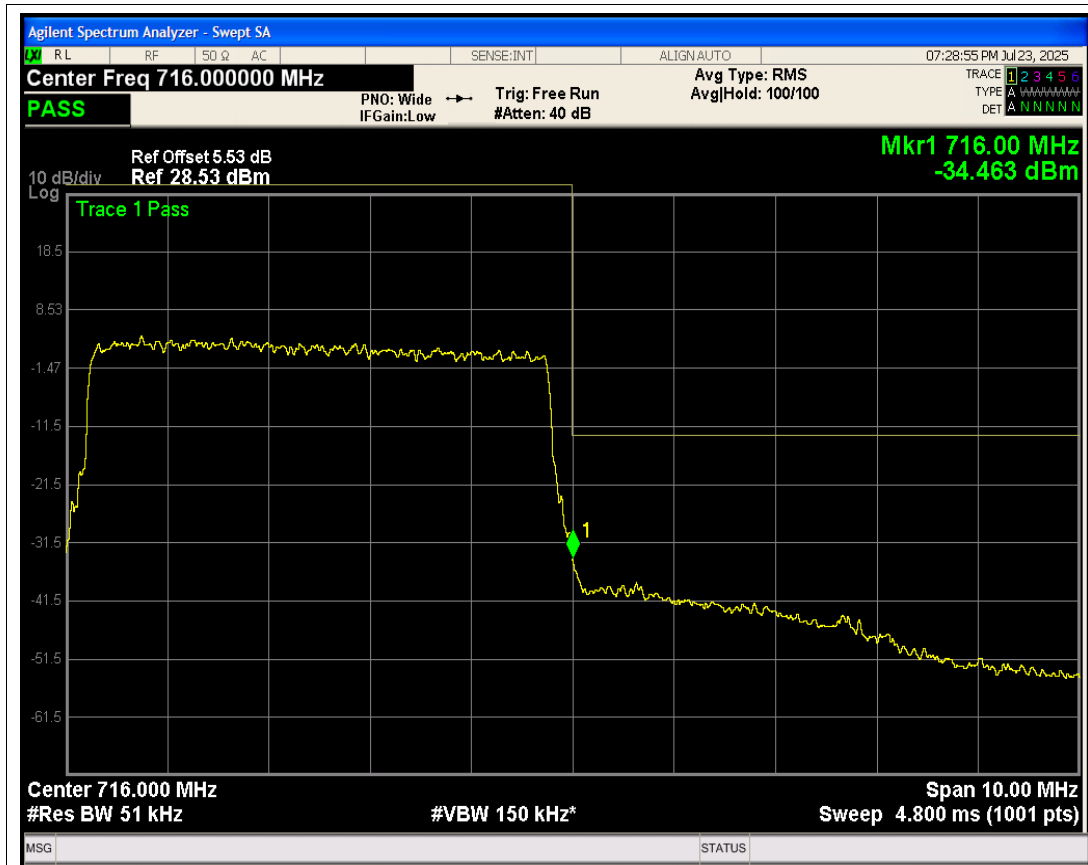
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band17	5	23755	25	#0	QPSK	704.00	-30.44	-13	PASS
Band17	5	23755	25	#0	16QAM	703.99	-32.04	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-34.46	-13	PASS
Band17	5	23825	25	#0	16QAM	716.00	-34.03	-13	PASS
Band17	10	23780	50	#0	QPSK	704.00	-34.33	-13	PASS
Band17	10	23780	50	#0	16QAM	703.96	-33.43	-13	PASS
Band17	10	23800	50	#0	QPSK	716.00	-34.25	-13	PASS
Band17	10	23800	50	#0	16QAM	716.00	-35.53	-13	PASS



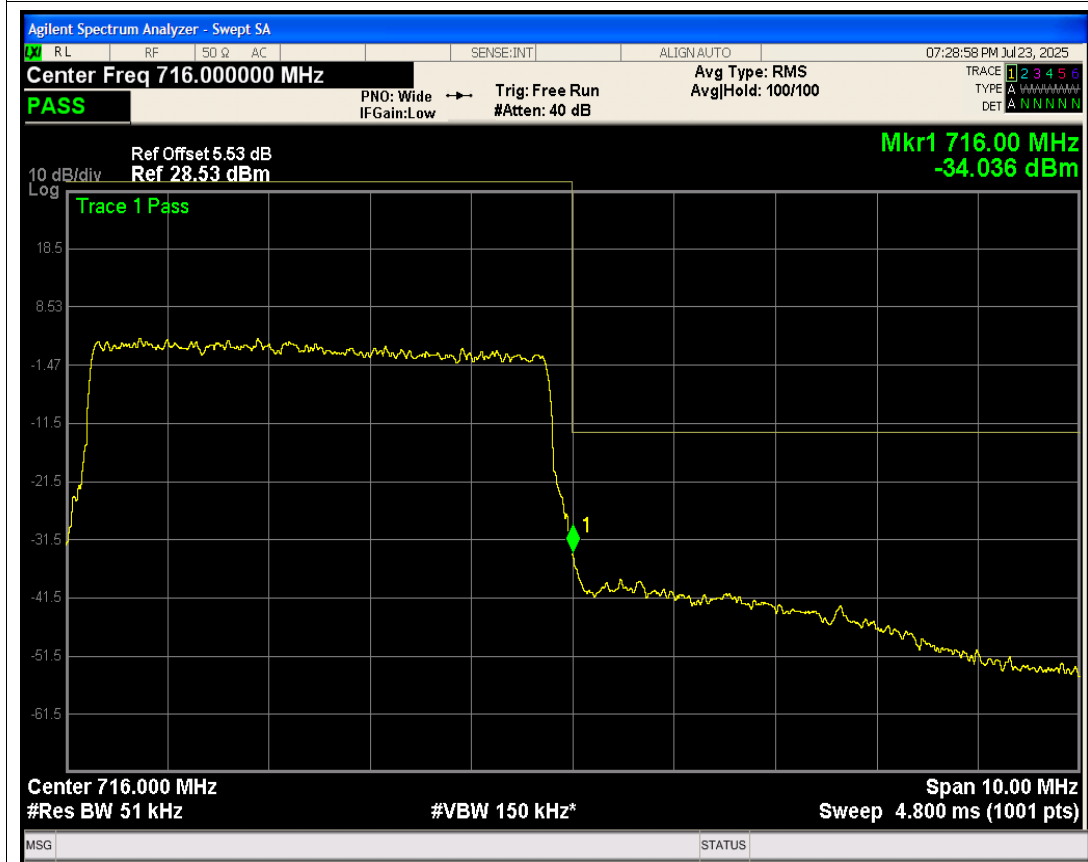
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0 NVNT



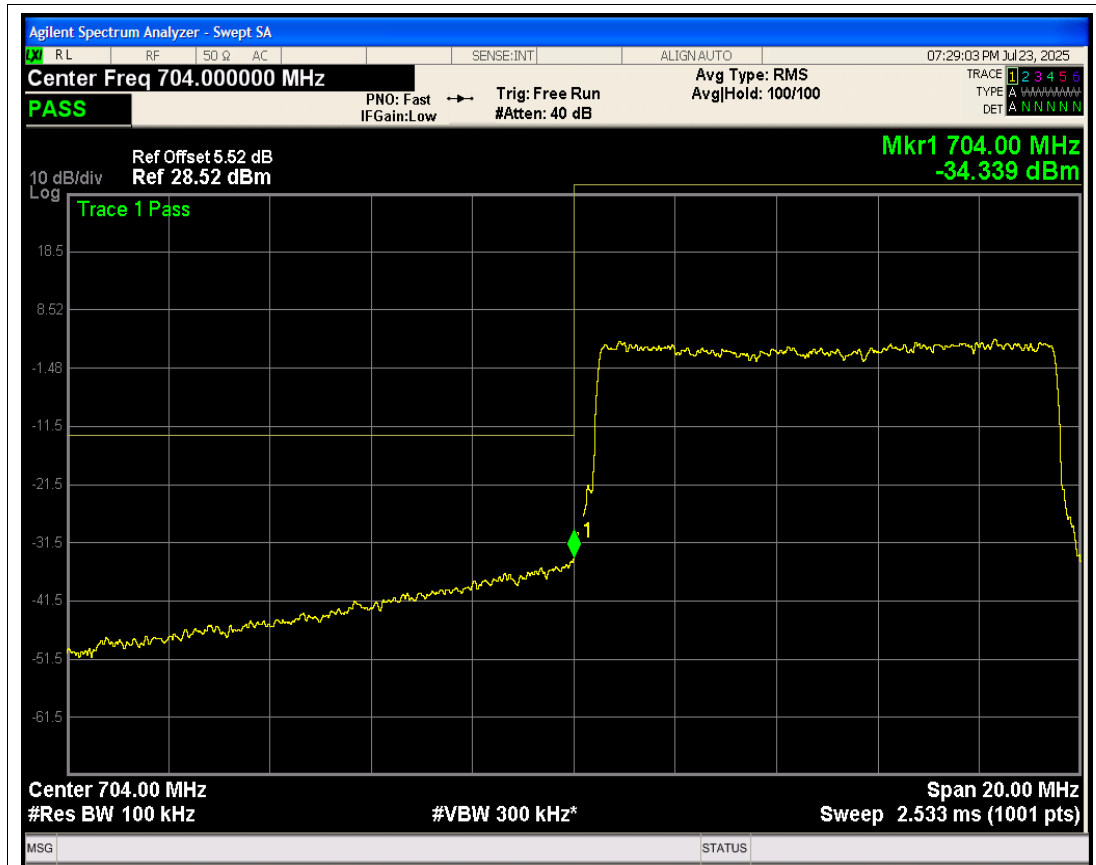
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0 NVNT



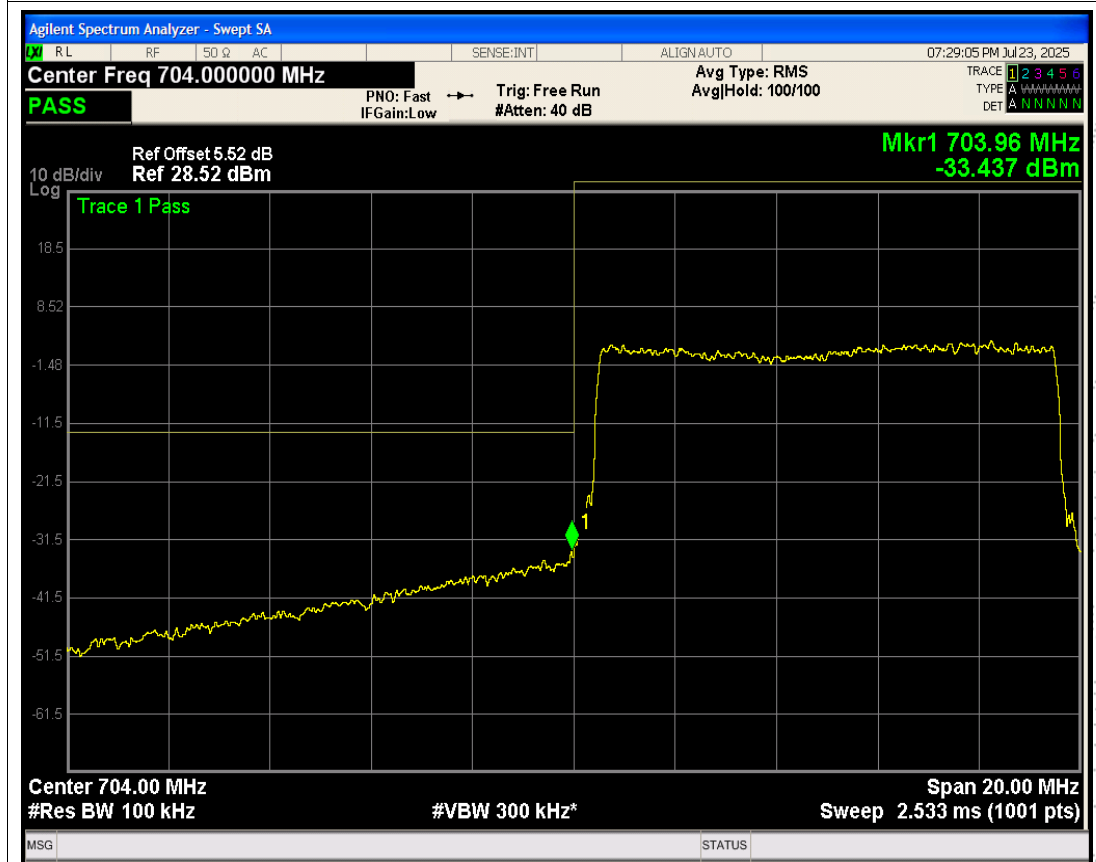
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0 NVNT



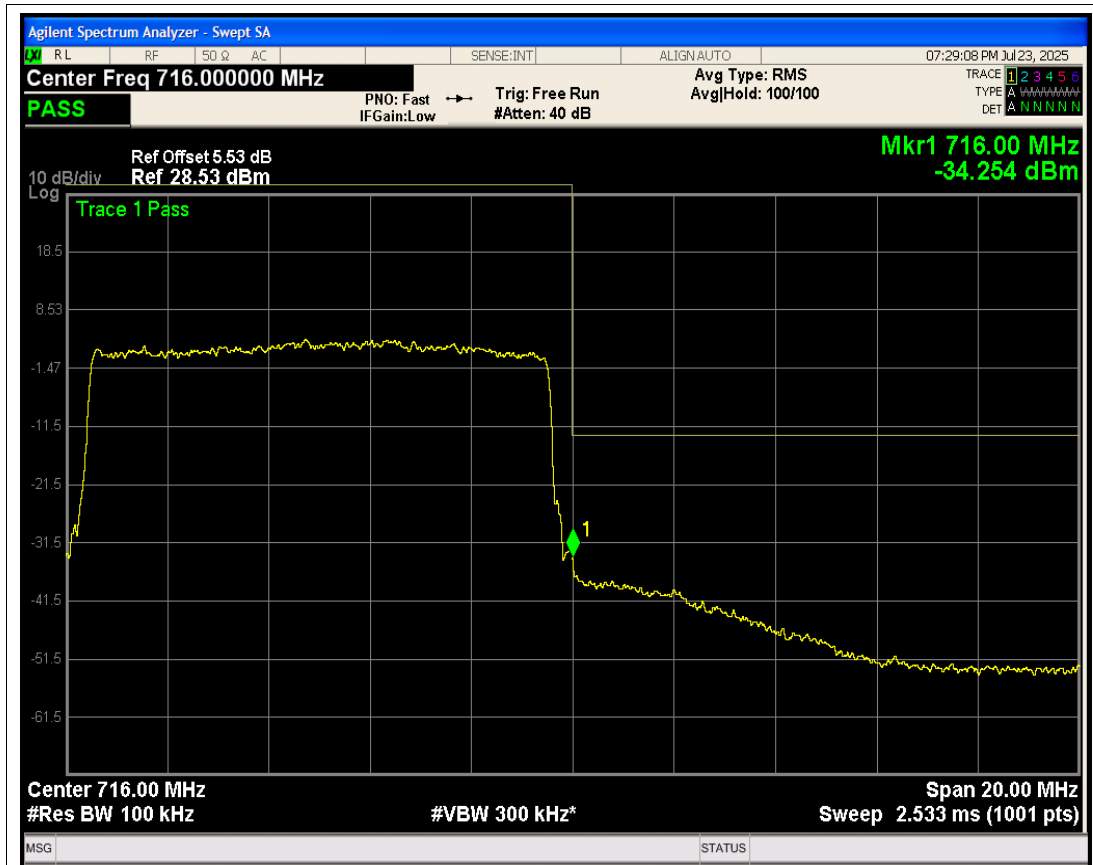
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0 NVNT



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



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



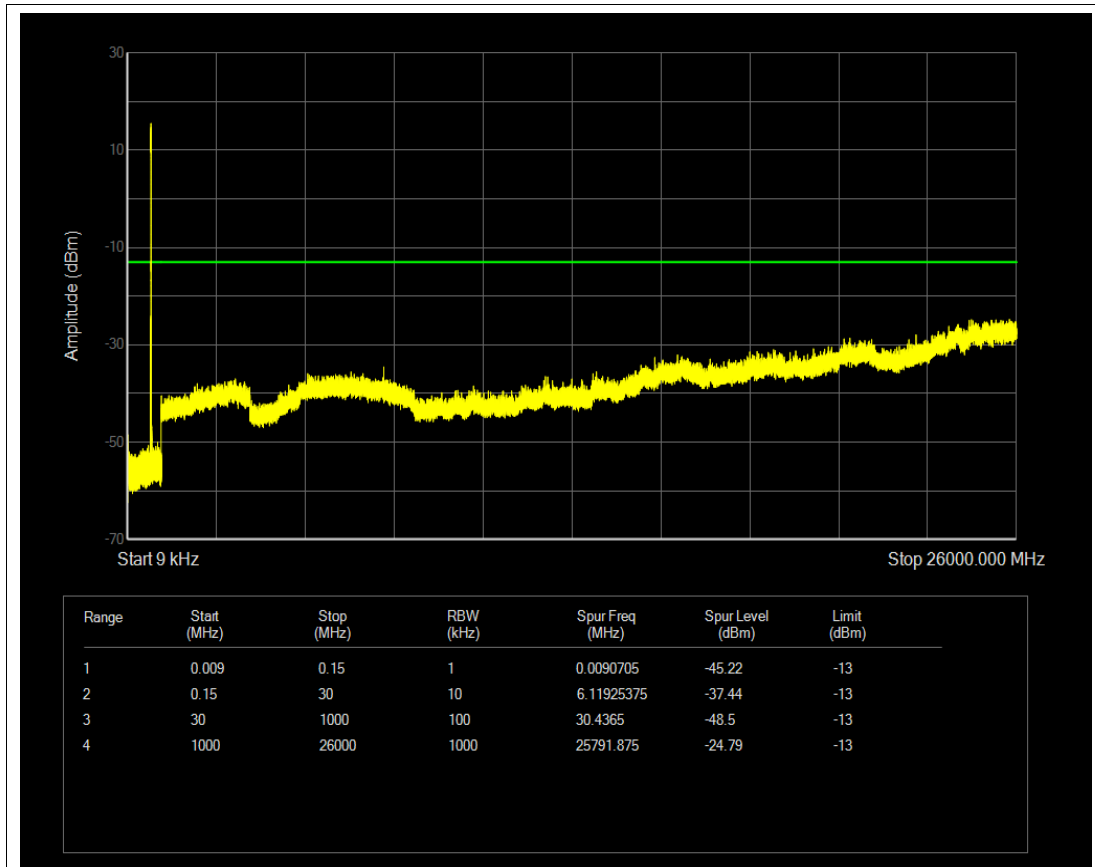
Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0 NVNT



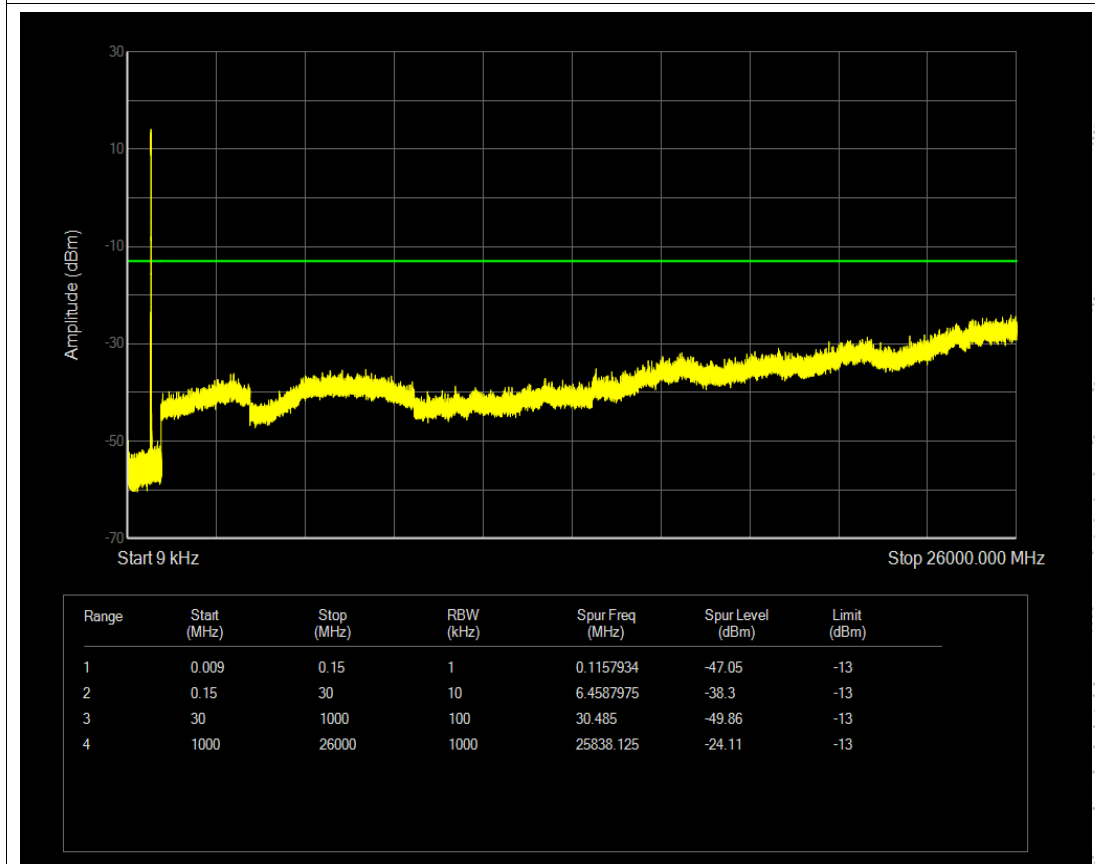
Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0 NVNT

Appendix 6. Out-of-band emissions

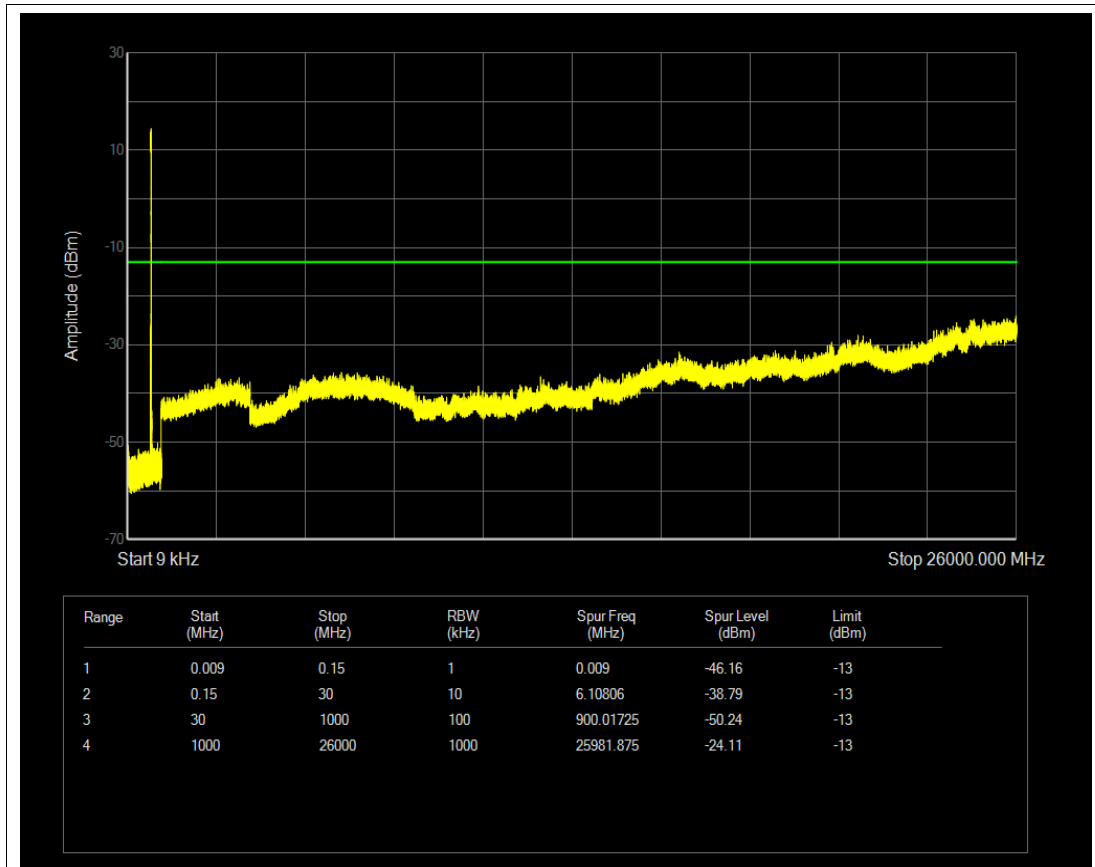
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band17	5	23755	25	#0	QPSK	25791.88	-24.79	-13	PASS
NVNT	Band17	5	23755	25	#0	16QAM	25838.13	-24.11	-13	PASS
NVNT	Band17	5	23790	25	#0	QPSK	25981.88	-24.11	-13	PASS
NVNT	Band17	5	23790	25	#0	16QAM	25755.00	-23.85	-13	PASS
NVNT	Band17	5	23825	25	#0	QPSK	25530.63	-23.79	-13	PASS
NVNT	Band17	5	23825	25	#0	16QAM	25758.13	-23.74	-13	PASS
NVNT	Band17	10	23780	50	#0	QPSK	25843.75	-23.84	-13	PASS
NVNT	Band17	10	23780	50	#0	16QAM	25861.88	-23.78	-13	PASS
NVNT	Band17	10	23790	50	#0	QPSK	25488.13	-24.33	-13	PASS
NVNT	Band17	10	23790	50	#0	16QAM	25819.38	-23.59	-13	PASS
NVNT	Band17	10	23800	50	#0	QPSK	25645.63	-23.11	-13	PASS
NVNT	Band17	10	23800	50	#0	16QAM	25941.88	-23.62	-13	PASS



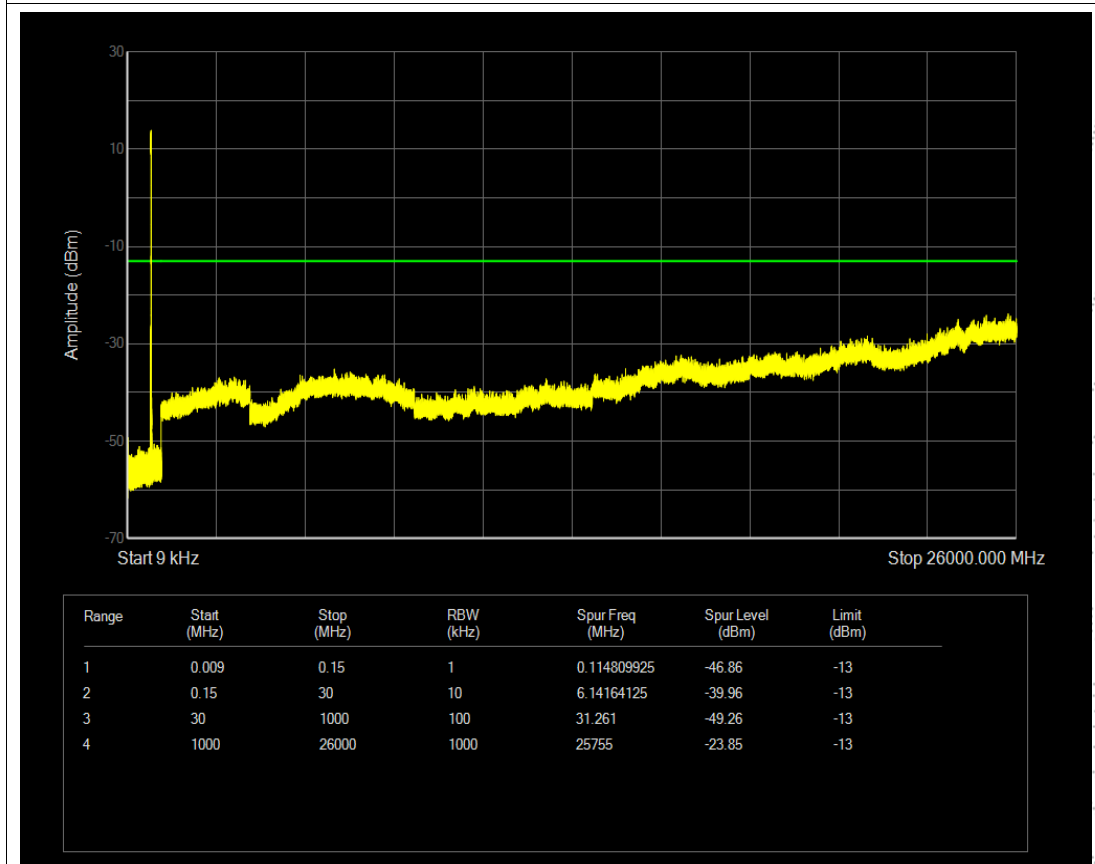
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0 NVNT



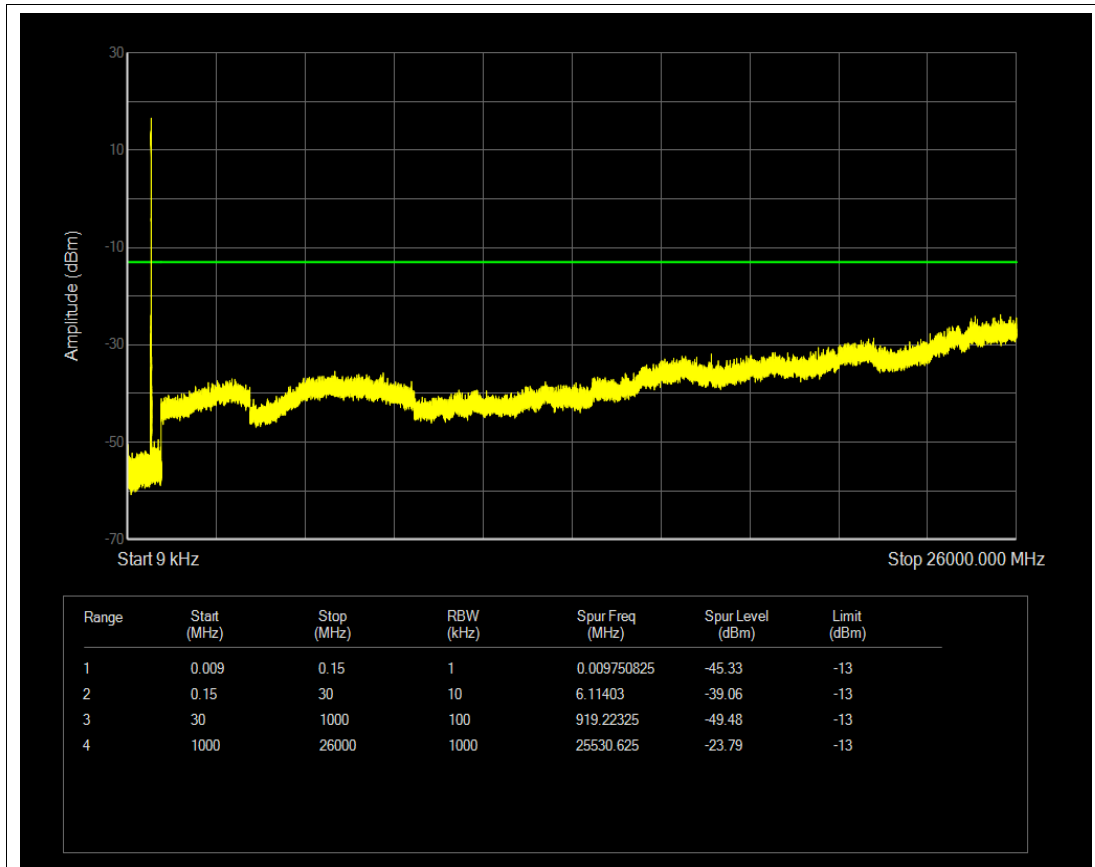
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0 NVNT



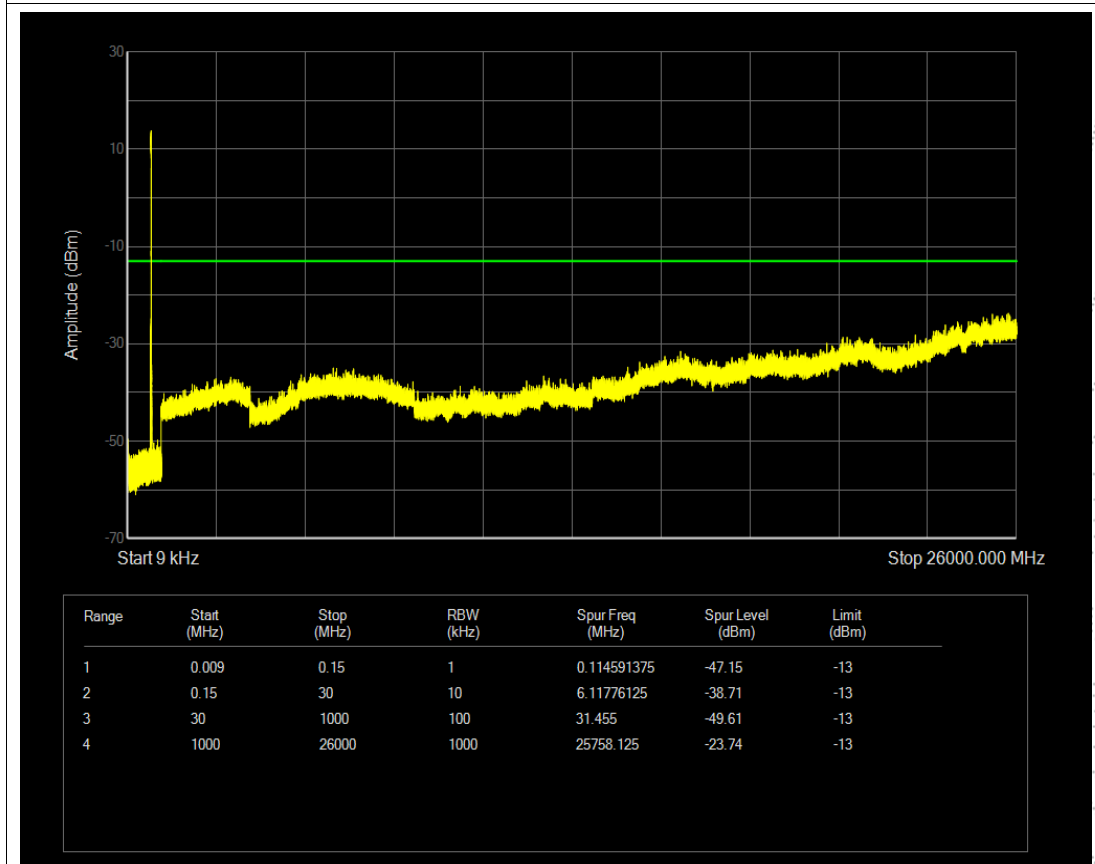
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0 NVNT



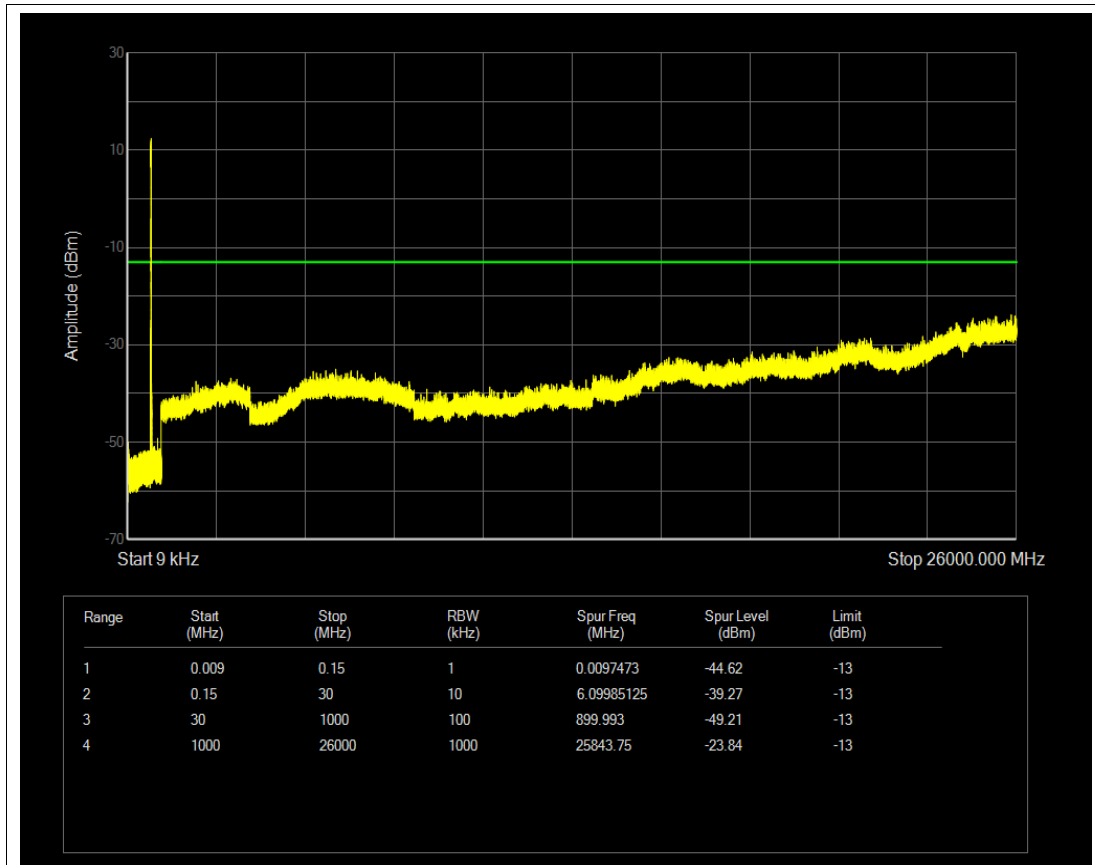
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0 NVNT



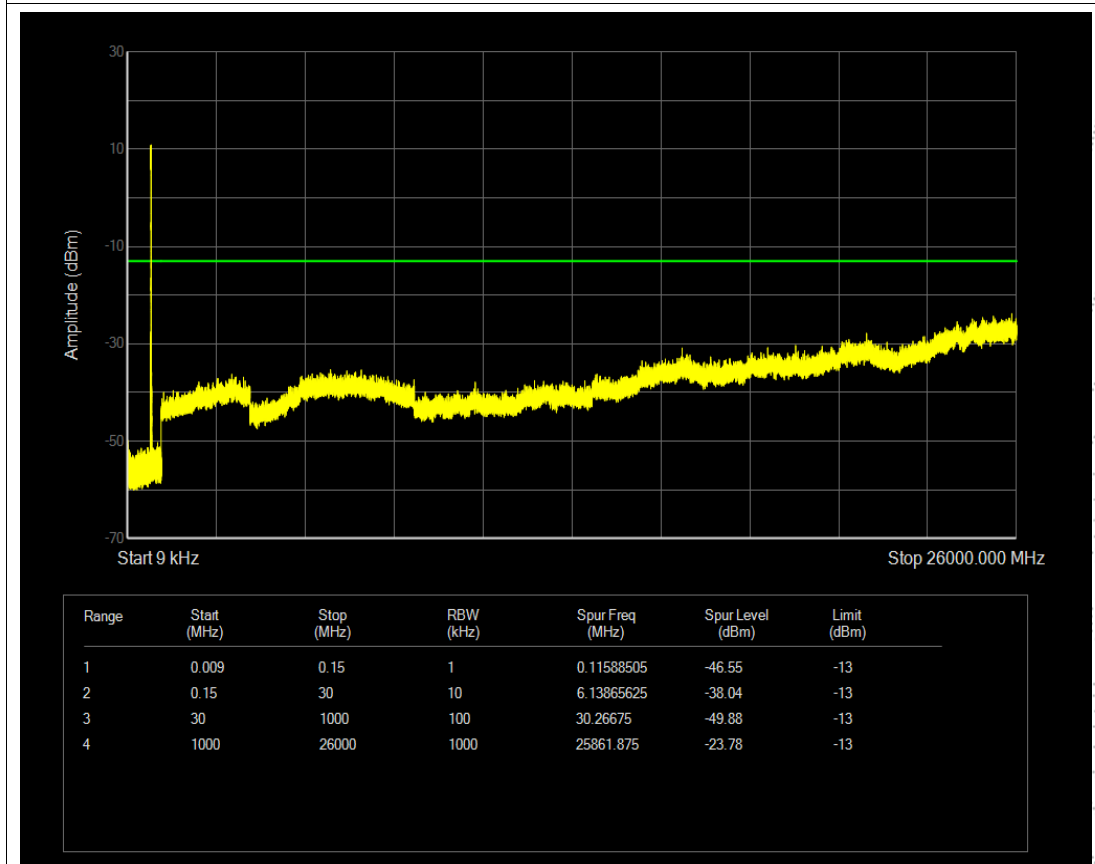
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0 NVNT



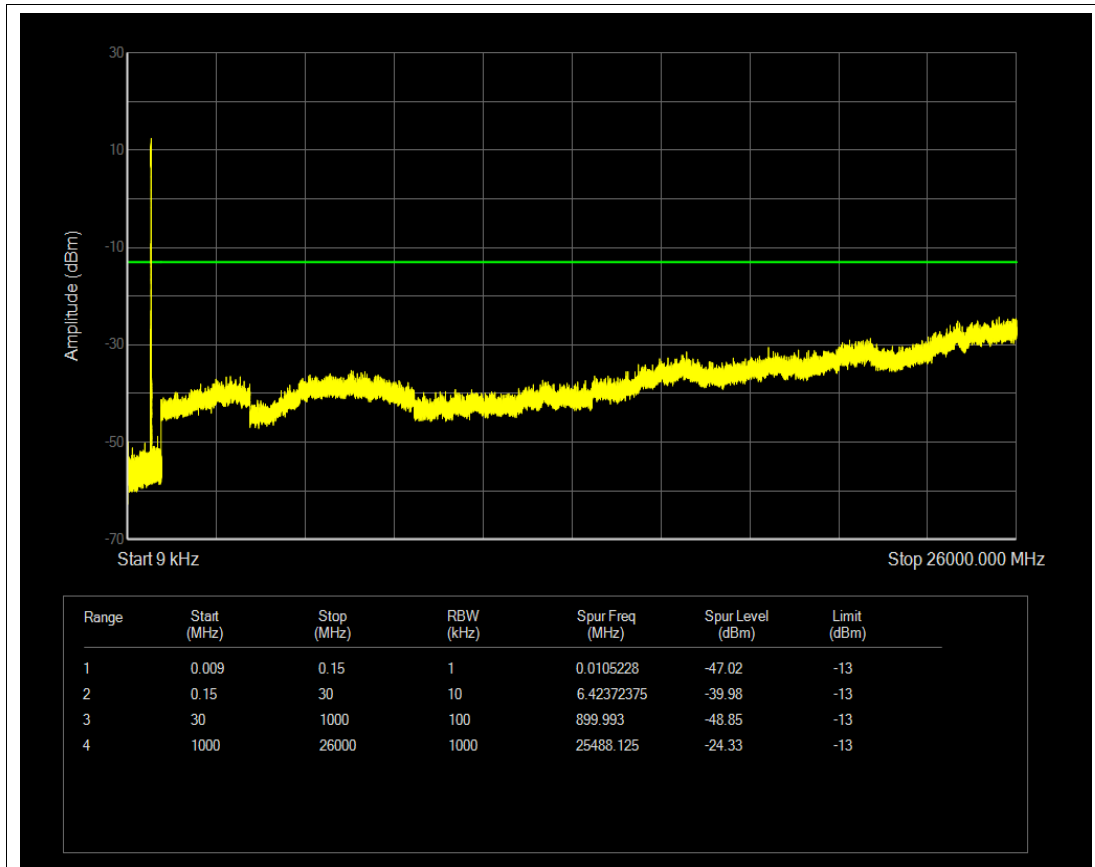
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0 NVNT



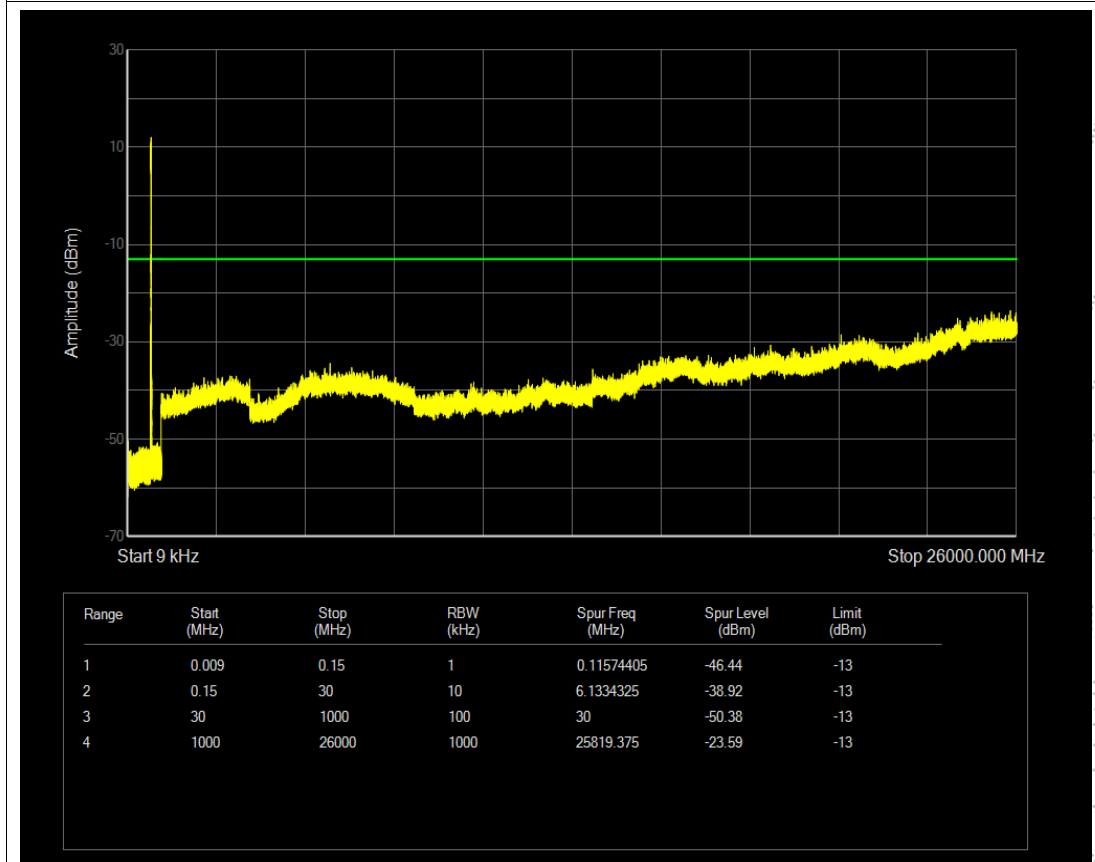
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0 NVNT



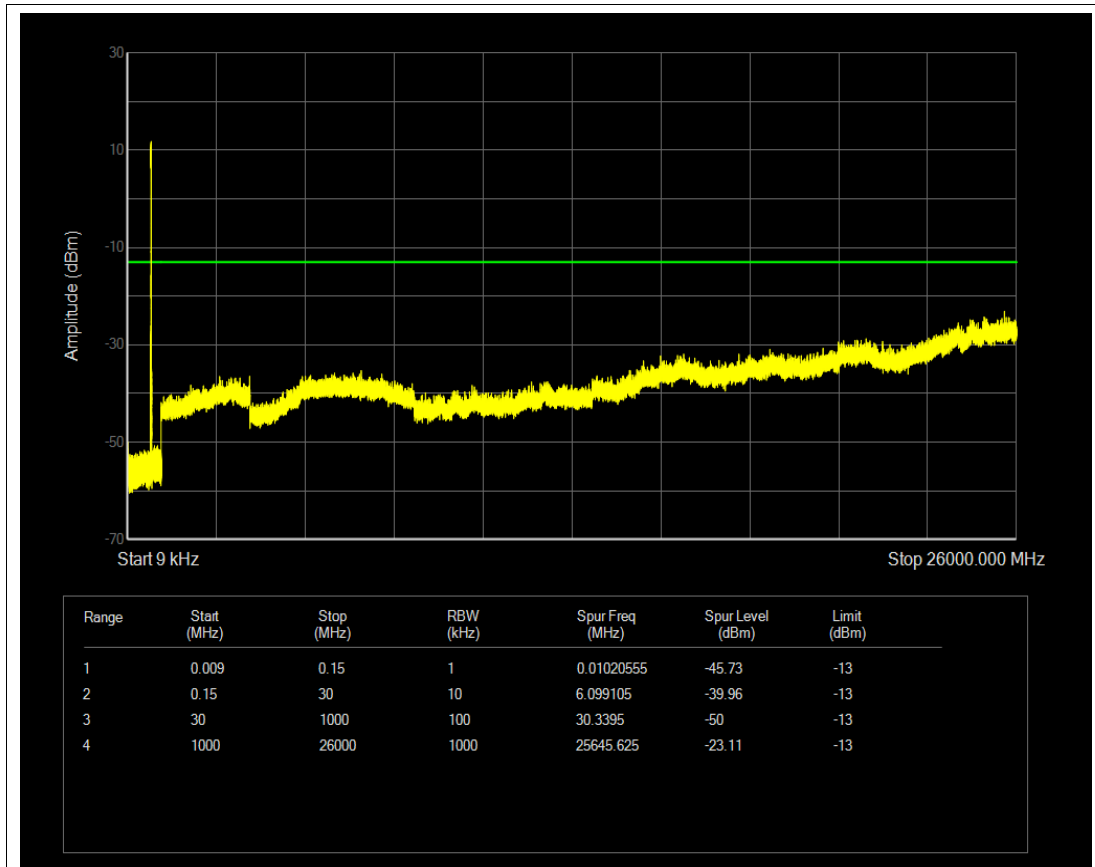
Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0 NVNT



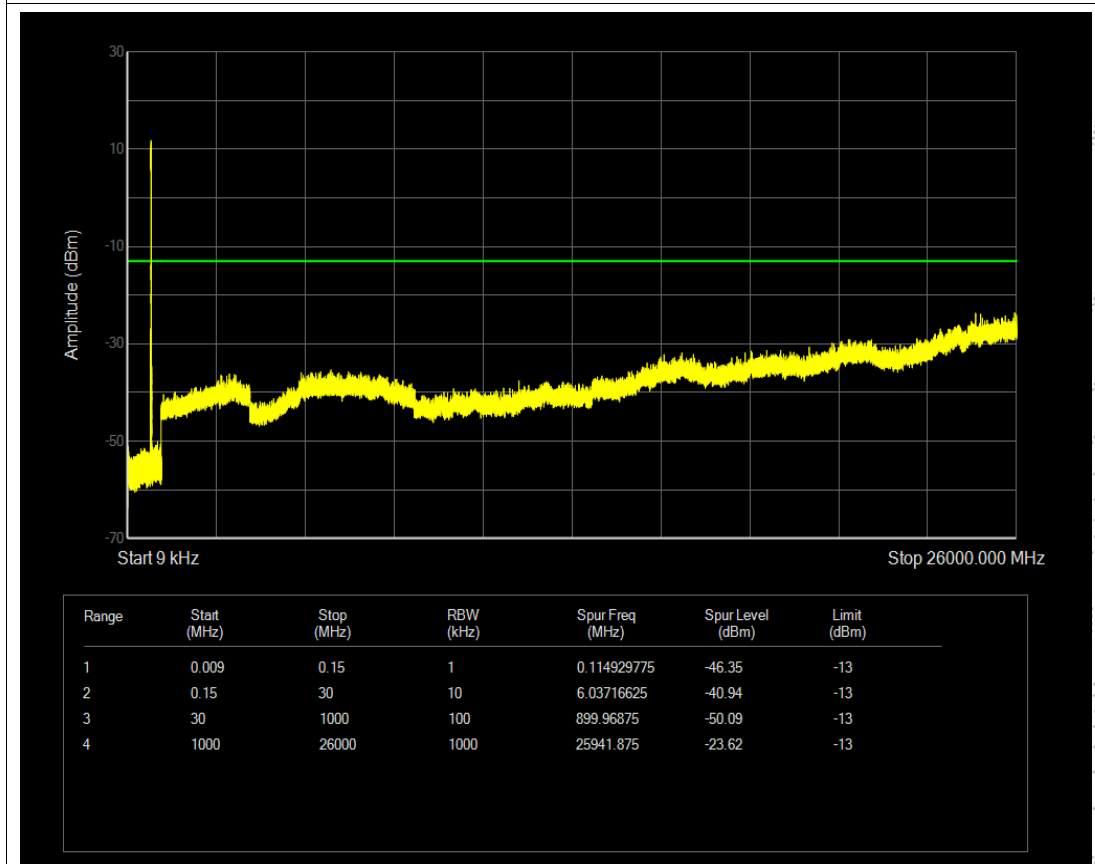
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0 NVNT



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



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



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