

Contents

Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement	2
Appendix 2. Frequency stability	5
Appendix 3. Peak-to-Average Ratio	12
Appendix 4. Occupied bandwidth	20
Appendix 5. Band edge	28
Appendix 6. Out-of-band emissions	34

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

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
NVNT	Band17	5	23755	1	#0	QPSK	23.78	-1.74	19.89	PASS
NVNT	Band17	5	23755	1	#Mid	QPSK	23.78	-1.74	19.89	PASS
NVNT	Band17	5	23755	1	#Max	QPSK	23.76	-1.74	19.87	PASS
NVNT	Band17	5	23755	12	#0	QPSK	23.02	-1.74	19.13	PASS
NVNT	Band17	5	23755	12	#Mid	QPSK	22.96	-1.74	19.07	PASS
NVNT	Band17	5	23755	12	#Max	QPSK	22.79	-1.74	18.90	PASS
NVNT	Band17	5	23755	25	#0	QPSK	22.91	-1.74	19.02	PASS
NVNT	Band17	5	23755	1	#0	16QAM	21.64	-1.74	17.75	PASS
NVNT	Band17	5	23755	1	#Mid	16QAM	21.78	-1.74	17.89	PASS
NVNT	Band17	5	23755	1	#Max	16QAM	21.71	-1.74	17.82	PASS
NVNT	Band17	5	23755	12	#0	16QAM	21.65	-1.74	17.76	PASS
NVNT	Band17	5	23755	12	#Mid	16QAM	21.69	-1.74	17.80	PASS
NVNT	Band17	5	23755	12	#Max	16QAM	21.81	-1.74	17.92	PASS
NVNT	Band17	5	23755	25	#0	16QAM	21.89	-1.74	18.00	PASS
NVNT	Band17	5	23790	1	#0	QPSK	23.93	-1.74	20.04	PASS
NVNT	Band17	5	23790	1	#Mid	QPSK	23.72	-1.74	19.83	PASS
NVNT	Band17	5	23790	1	#Max	QPSK	23.82	-1.74	19.93	PASS
NVNT	Band17	5	23790	12	#0	QPSK	22.79	-1.74	18.90	PASS
NVNT	Band17	5	23790	12	#Mid	QPSK	22.78	-1.74	18.89	PASS
NVNT	Band17	5	23790	12	#Max	QPSK	22.84	-1.74	18.95	PASS
NVNT	Band17	5	23790	25	#0	QPSK	22.81	-1.74	18.92	PASS
NVNT	Band17	5	23790	1	#0	16QAM	21.44	-1.74	17.55	PASS
NVNT	Band17	5	23790	1	#Mid	16QAM	21.41	-1.74	17.52	PASS
NVNT	Band17	5	23790	1	#Max	16QAM	21.35	-1.74	17.46	PASS
NVNT	Band17	5	23790	12	#0	16QAM	21.71	-1.74	17.82	PASS
NVNT	Band17	5	23790	12	#Mid	16QAM	21.67	-1.74	17.78	PASS
NVNT	Band17	5	23790	12	#Max	16QAM	21.91	-1.74	18.02	PASS
NVNT	Band17	5	23790	25	#0	16QAM	21.78	-1.74	17.89	PASS
NVNT	Band17	5	23825	1	#0	QPSK	23.79	-1.74	19.90	PASS
NVNT	Band17	5	23825	1	#Mid	QPSK	23.74	-1.74	19.85	PASS
NVNT	Band17	5	23825	1	#Max	QPSK	23.66	-1.74	19.77	PASS
NVNT	Band17	5	23825	12	#0	QPSK	22.74	-1.74	18.85	PASS
NVNT	Band17	5	23825	12	#Mid	QPSK	22.66	-1.74	18.77	PASS
NVNT	Band17	5	23825	12	#Max	QPSK	22.76	-1.74	18.87	PASS
NVNT	Band17	5	23825	25	#0	QPSK	22.82	-1.74	18.93	PASS
NVNT	Band17	5	23825	1	#0	16QAM	21.57	-1.74	17.68	PASS
NVNT	Band17	5	23825	1	#Mid	16QAM	21.59	-1.74	17.70	PASS

Report No.: STS2512458W04_Appendix LTE Band 17

NVNT	Band17	5	23825	1	#Max	16QAM	21.72	-1.74	17.83	PASS
NVNT	Band17	5	23825	12	#0	16QAM	22.02	-1.74	18.13	PASS
NVNT	Band17	5	23825	12	#Mid	16QAM	21.91	-1.74	18.02	PASS
NVNT	Band17	5	23825	12	#Max	16QAM	21.89	-1.74	18.00	PASS
NVNT	Band17	5	23825	25	#0	16QAM	21.85	-1.74	17.96	PASS
NVNT	Band17	10	23780	1	#0	QPSK	23.72	-1.74	19.83	PASS
NVNT	Band17	10	23780	1	#Mid	QPSK	23.69	-1.74	19.80	PASS
NVNT	Band17	10	23780	1	#Max	QPSK	23.54	-1.74	19.65	PASS
NVNT	Band17	10	23780	25	#0	QPSK	22.90	-1.74	19.01	PASS
NVNT	Band17	10	23780	25	#Mid	QPSK	22.72	-1.74	18.83	PASS
NVNT	Band17	10	23780	25	#Max	QPSK	22.79	-1.74	18.90	PASS
NVNT	Band17	10	23780	50	#0	QPSK	22.86	-1.74	18.97	PASS
NVNT	Band17	10	23780	1	#0	16QAM	22.45	-1.74	18.56	PASS
NVNT	Band17	10	23780	1	#Mid	16QAM	22.50	-1.74	18.61	PASS
NVNT	Band17	10	23780	1	#Max	16QAM	22.45	-1.74	18.56	PASS
NVNT	Band17	10	23780	25	#0	16QAM	21.67	-1.74	17.78	PASS
NVNT	Band17	10	23780	25	#Mid	16QAM	21.87	-1.74	17.98	PASS
NVNT	Band17	10	23780	25	#Max	16QAM	22.05	-1.74	18.16	PASS
NVNT	Band17	10	23780	50	#0	16QAM	21.90	-1.74	18.01	PASS
NVNT	Band17	10	23790	1	#0	QPSK	23.68	-1.74	19.79	PASS
NVNT	Band17	10	23790	1	#Mid	QPSK	23.63	-1.74	19.74	PASS
NVNT	Band17	10	23790	1	#Max	QPSK	23.56	-1.74	19.67	PASS
NVNT	Band17	10	23790	25	#0	QPSK	22.77	-1.74	18.88	PASS
NVNT	Band17	10	23790	25	#Mid	QPSK	22.91	-1.74	19.02	PASS
NVNT	Band17	10	23790	25	#Max	QPSK	22.78	-1.74	18.89	PASS
NVNT	Band17	10	23790	50	#0	QPSK	22.81	-1.74	18.92	PASS
NVNT	Band17	10	23790	1	#0	16QAM	21.87	-1.74	17.98	PASS
NVNT	Band17	10	23790	1	#Mid	16QAM	21.70	-1.74	17.81	PASS
NVNT	Band17	10	23790	1	#Max	16QAM	21.63	-1.74	17.74	PASS
NVNT	Band17	10	23790	25	#0	16QAM	21.89	-1.74	18.00	PASS
NVNT	Band17	10	23790	25	#Mid	16QAM	21.73	-1.74	17.84	PASS
NVNT	Band17	10	23790	25	#Max	16QAM	22.00	-1.74	18.11	PASS
NVNT	Band17	10	23790	50	#0	16QAM	21.79	-1.74	17.90	PASS
NVNT	Band17	10	23800	1	#0	QPSK	23.91	-1.74	20.02	PASS
NVNT	Band17	10	23800	1	#Mid	QPSK	23.81	-1.74	19.92	PASS
NVNT	Band17	10	23800	1	#Max	QPSK	23.74	-1.74	19.85	PASS
NVNT	Band17	10	23800	25	#0	QPSK	22.85	-1.74	18.96	PASS
NVNT	Band17	10	23800	25	#Mid	QPSK	22.93	-1.74	19.04	PASS
NVNT	Band17	10	23800	25	#Max	QPSK	22.89	-1.74	19.00	PASS
NVNT	Band17	10	23800	50	#0	QPSK	22.83	-1.74	18.94	PASS
NVNT	Band17	10	23800	1	#0	16QAM	21.74	-1.74	17.85	PASS
NVNT	Band17	10	23800	1	#Mid	16QAM	21.59	-1.74	17.70	PASS
NVNT	Band17	10	23800	1	#Max	16QAM	21.64	-1.74	17.75	PASS
NVNT	Band17	10	23800	25	#0	16QAM	21.84	-1.74	17.95	PASS

Report No.: STS2512458W04_Appendix LTE Band 17

NVNT	Band17	10	23800	25	#Mid	16QAM	21.82	-1.74	17.93	PASS
NVNT	Band17	10	23800	25	#Max	16QAM	22.00	-1.74	18.11	PASS
NVNT	Band17	10	23800	50	#0	16QAM	21.78	-1.74	17.89	PASS

Appendix 2.Frequency stability

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
NVNT	Band1 7	5	23755	25	#0	QPSK	LV	NT	23.56	0.033	PASS
NVNT	Band1 7	5	23755	25	#0	QPSK	NV	NT	20.43	0.029	PASS
NVNT	Band1 7	5	23755	25	#0	QPSK	HV	NT	15.49	0.022	PASS
NVNT	Band1 7	5	23755	25	#0	16QAM	LV	NT	11.93	0.017	PASS
NVNT	Band1 7	5	23755	25	#0	16QAM	NV	NT	7.91	0.011	PASS
NVNT	Band1 7	5	23755	25	#0	16QAM	HV	NT	7.62	0.011	PASS
NVNT	Band1 7	5	23790	25	#0	QPSK	LV	NT	2.65	0.004	PASS
NVNT	Band1 7	5	23790	25	#0	QPSK	NV	NT	0.19	0.000	PASS
NVNT	Band1 7	5	23790	25	#0	QPSK	HV	NT	-2.65	-0.004	PASS
NVNT	Band1 7	5	23790	25	#0	16QAM	LV	NT	-8.37	-0.012	PASS
NVNT	Band1 7	5	23790	25	#0	16QAM	NV	NT	-10.61	-0.015	PASS
NVNT	Band1 7	5	23790	25	#0	16QAM	HV	NT	-11.16	-0.016	PASS
NVNT	Band1 7	5	23825	25	#0	QPSK	LV	NT	2.86	0.004	PASS
NVNT	Band1 7	5	23825	25	#0	QPSK	NV	NT	2.62	0.004	PASS
NVNT	Band1 7	5	23825	25	#0	QPSK	HV	NT	0.92	0.001	PASS
NVNT	Band1 7	5	23825	25	#0	16QAM	LV	NT	0.33	0.000	PASS
NVNT	Band1 7	5	23825	25	#0	16QAM	NV	NT	0.13	0.000	PASS
NVNT	Band1 7	5	23825	25	#0	16QAM	HV	NT	-0.19	0.000	PASS
NVNT	Band1 7	10	23780	50	#0	QPSK	LV	NT	24.03	0.034	PASS
NVNT	Band1	10	23780	50	#0	QPSK	NV	NT	19.70	0.028	PASS

Report No.: STS2512458W04_Appendix LTE Band 17

	7										
NVNT	Band1 7	10	23780	50	#0	QPSK	HV	NT	12.53	0.018	PASS
NVNT	Band1 7	10	23780	50	#0	16QAM	LV	NT	8.20	0.012	PASS
NVNT	Band1 7	10	23780	50	#0	16QAM	NV	NT	6.57	0.009	PASS
NVNT	Band1 7	10	23780	50	#0	16QAM	HV	NT	7.17	0.010	PASS
NVNT	Band1 7	10	23790	50	#0	QPSK	LV	NT	3.66	0.005	PASS
NVNT	Band1 7	10	23790	50	#0	QPSK	NV	NT	0.77	0.001	PASS
NVNT	Band1 7	10	23790	50	#0	QPSK	HV	NT	-3.96	-0.006	PASS
NVNT	Band1 7	10	23790	50	#0	16QAM	LV	NT	-8.24	-0.012	PASS
NVNT	Band1 7	10	23790	50	#0	16QAM	NV	NT	-6.45	-0.009	PASS
NVNT	Band1 7	10	23790	50	#0	16QAM	HV	NT	-5.81	-0.008	PASS
NVNT	Band1 7	10	23800	50	#0	QPSK	LV	NT	4.75	0.007	PASS
NVNT	Band1 7	10	23800	50	#0	QPSK	NV	NT	1.76	0.002	PASS
NVNT	Band1 7	10	23800	50	#0	QPSK	HV	NT	-1.23	-0.002	PASS
NVNT	Band1 7	10	23800	50	#0	16QAM	LV	NT	-2.06	-0.003	PASS
NVNT	Band1 7	10	23800	50	#0	16QAM	NV	NT	-2.52	-0.004	PASS
NVNT	Band1 7	10	23800	50	#0	16QAM	HV	NT	1.30	0.002	PASS
NVNT	Band1 7	5	23755	25	#0	QPSK	NV	-30	17.77	0.025	PASS
NVNT	Band1 7	5	23755	25	#0	QPSK	NV	-20	7.52	0.011	PASS
NVNT	Band1 7	5	23755	25	#0	QPSK	NV	0	-1.03	-0.001	PASS
NVNT	Band1 7	5	23755	25	#0	QPSK	NV	10	-10.63	-0.015	PASS
NVNT	Band1 7	5	23755	25	#0	QPSK	NV	20	-16.62	-0.024	PASS
NVNT	Band1	5	23755	25	#0	QPSK	NV	30	-21.56	-0.031	PASS

Report No.: STS2512458W04_Appendix LTE Band 17

	7										
NVNT	Band1 7	5	23755	25	#0	QPSK	NV	40	-27.41	-0.039	PASS
NVNT	Band1 7	5	23755	25	#0	QPSK	NV	50	-31.74	-0.045	PASS
NVNT	Band1 7	5	23755	25	#0	16QAM	NV	-30	-36.42	-0.052	PASS
NVNT	Band1 7	5	23755	25	#0	16QAM	NV	-20	-37.61	-0.053	PASS
NVNT	Band1 7	5	23755	25	#0	16QAM	NV	0	-39.47	-0.056	PASS
NVNT	Band1 7	5	23755	25	#0	16QAM	NV	10	-40.41	-0.057	PASS
NVNT	Band1 7	5	23755	25	#0	16QAM	NV	20	-38.95	-0.055	PASS
NVNT	Band1 7	5	23755	25	#0	16QAM	NV	30	-39.04	-0.055	PASS
NVNT	Band1 7	5	23755	25	#0	16QAM	NV	40	-39.15	-0.055	PASS
NVNT	Band1 7	5	23755	25	#0	16QAM	NV	50	-39.44	-0.056	PASS
NVNT	Band1 7	5	23790	25	#0	QPSK	NV	-30	8.20	0.012	PASS
NVNT	Band1 7	5	23790	25	#0	QPSK	NV	-20	5.39	0.008	PASS
NVNT	Band1 7	5	23790	25	#0	QPSK	NV	0	3.92	0.006	PASS
NVNT	Band1 7	5	23790	25	#0	QPSK	NV	10	1.52	0.002	PASS
NVNT	Band1 7	5	23790	25	#0	QPSK	NV	20	-2.02	-0.003	PASS
NVNT	Band1 7	5	23790	25	#0	QPSK	NV	30	-4.09	-0.006	PASS
NVNT	Band1 7	5	23790	25	#0	QPSK	NV	40	-5.41	-0.008	PASS
NVNT	Band1 7	5	23790	25	#0	QPSK	NV	50	-7.15	-0.010	PASS
NVNT	Band1 7	5	23790	25	#0	16QAM	NV	-30	-9.78	-0.014	PASS
NVNT	Band1 7	5	23790	25	#0	16QAM	NV	-20	-9.68	-0.014	PASS
NVNT	Band1 7	5	23790	25	#0	16QAM	NV	0	-9.41	-0.013	PASS
NVNT	Band1	5	23790	25	#0	16QAM	NV	10	-8.25	-0.012	PASS

Report No.: STS2512458W04_Appendix LTE Band 17

	7										
NVNT	Band1 7	5	23790	25	#0	16QAM	NV	20	-8.00	-0.011	PASS
NVNT	Band1 7	5	23790	25	#0	16QAM	NV	30	-7.52	-0.011	PASS
NVNT	Band1 7	5	23790	25	#0	16QAM	NV	40	-6.64	-0.009	PASS
NVNT	Band1 7	5	23790	25	#0	16QAM	NV	50	-5.55	-0.008	PASS
NVNT	Band1 7	5	23825	25	#0	QPSK	NV	-30	-1.16	-0.002	PASS
NVNT	Band1 7	5	23825	25	#0	QPSK	NV	-20	-2.39	-0.003	PASS
NVNT	Band1 7	5	23825	25	#0	QPSK	NV	0	-6.08	-0.009	PASS
NVNT	Band1 7	5	23825	25	#0	QPSK	NV	10	-9.00	-0.013	PASS
NVNT	Band1 7	5	23825	25	#0	QPSK	NV	20	-12.99	-0.018	PASS
NVNT	Band1 7	5	23825	25	#0	QPSK	NV	30	-15.89	-0.022	PASS
NVNT	Band1 7	5	23825	25	#0	QPSK	NV	40	-19.23	-0.027	PASS
NVNT	Band1 7	5	23825	25	#0	QPSK	NV	50	-21.73	-0.030	PASS
NVNT	Band1 7	5	23825	25	#0	16QAM	NV	-30	-24.03	-0.034	PASS
NVNT	Band1 7	5	23825	25	#0	16QAM	NV	-20	-24.70	-0.035	PASS
NVNT	Band1 7	5	23825	25	#0	16QAM	NV	0	-24.63	-0.035	PASS
NVNT	Band1 7	5	23825	25	#0	16QAM	NV	10	-24.20	-0.034	PASS
NVNT	Band1 7	5	23825	25	#0	16QAM	NV	20	-24.45	-0.034	PASS
NVNT	Band1 7	5	23825	25	#0	16QAM	NV	30	-25.33	-0.036	PASS
NVNT	Band1 7	5	23825	25	#0	16QAM	NV	40	-26.42	-0.037	PASS
NVNT	Band1 7	5	23825	25	#0	16QAM	NV	50	-26.55	-0.037	PASS
NVNT	Band1 7	10	23780	50	#0	QPSK	NV	-30	18.40	0.026	PASS
NVNT	Band1	10	23780	50	#0	QPSK	NV	-20	5.55	0.008	PASS

Report No.: STS2512458W04_Appendix LTE Band 17

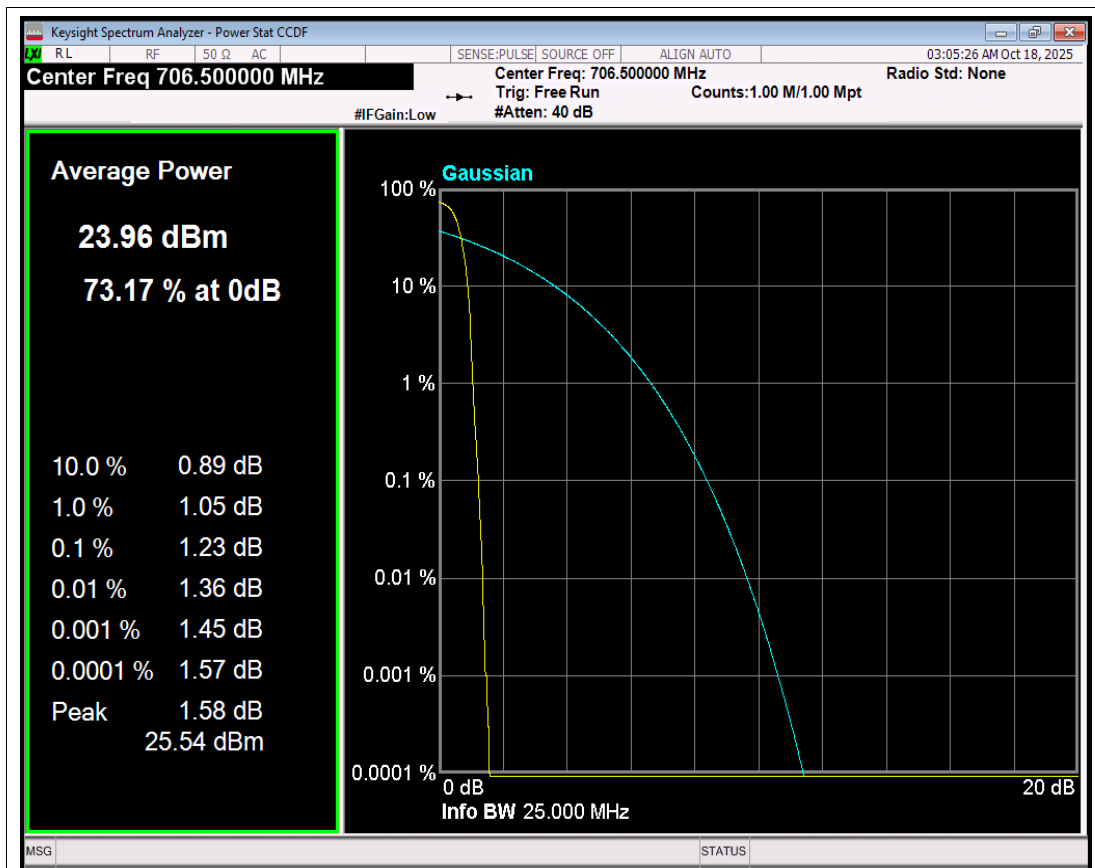
	7										
NVNT	Band1 7	10	23780	50	#0	QPSK	NV	0	-5.75	-0.008	PASS
NVNT	Band1 7	10	23780	50	#0	QPSK	NV	10	-15.65	-0.022	PASS
NVNT	Band1 7	10	23780	50	#0	QPSK	NV	20	-23.46	-0.033	PASS
NVNT	Band1 7	10	23780	50	#0	QPSK	NV	30	-30.57	-0.043	PASS
NVNT	Band1 7	10	23780	50	#0	QPSK	NV	40	-35.29	-0.050	PASS
NVNT	Band1 7	10	23780	50	#0	QPSK	NV	50	-41.01	-0.058	PASS
NVNT	Band1 7	10	23780	50	#0	16QAM	NV	-30	-45.08	-0.064	PASS
NVNT	Band1 7	10	23780	50	#0	16QAM	NV	-20	-45.86	-0.065	PASS
NVNT	Band1 7	10	23780	50	#0	16QAM	NV	0	-46.01	-0.065	PASS
NVNT	Band1 7	10	23780	50	#0	16QAM	NV	10	-46.22	-0.065	PASS
NVNT	Band1 7	10	23780	50	#0	16QAM	NV	20	-45.91	-0.065	PASS
NVNT	Band1 7	10	23780	50	#0	16QAM	NV	30	-46.98	-0.066	PASS
NVNT	Band1 7	10	23780	50	#0	16QAM	NV	40	-45.86	-0.065	PASS
NVNT	Band1 7	10	23780	50	#0	16QAM	NV	50	-46.43	-0.065	PASS
NVNT	Band1 7	10	23790	50	#0	QPSK	NV	-30	4.81	0.007	PASS
NVNT	Band1 7	10	23790	50	#0	QPSK	NV	-20	2.03	0.003	PASS
NVNT	Band1 7	10	23790	50	#0	QPSK	NV	0	-0.67	-0.001	PASS
NVNT	Band1 7	10	23790	50	#0	QPSK	NV	10	-2.85	-0.004	PASS
NVNT	Band1 7	10	23790	50	#0	QPSK	NV	20	-4.78	-0.007	PASS
NVNT	Band1 7	10	23790	50	#0	QPSK	NV	30	-6.85	-0.010	PASS
NVNT	Band1 7	10	23790	50	#0	QPSK	NV	40	-8.21	-0.012	PASS
NVNT	Band1	10	23790	50	#0	QPSK	NV	50	-9.91	-0.014	PASS

Report No.: STS2512458W04_Appendix LTE Band 17

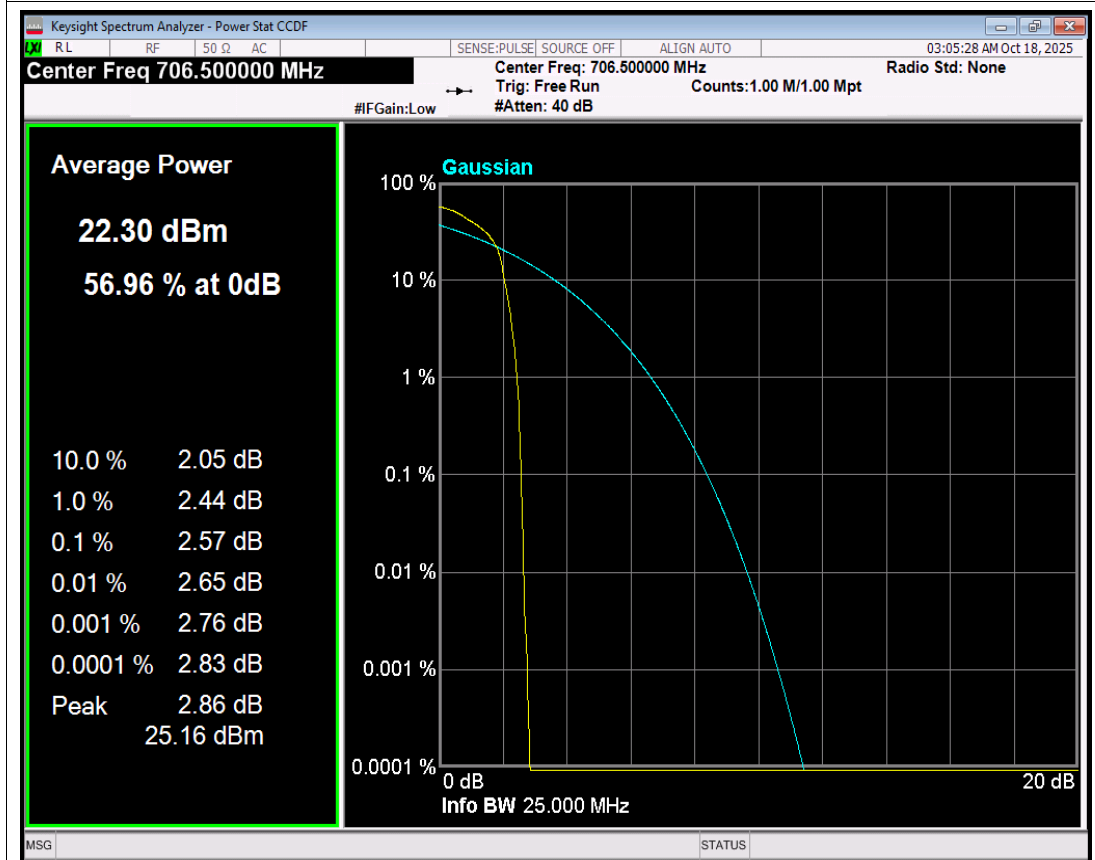
	7										
NVNT	Band1 7	10	23790	50	#0	16QAM	NV	-30	-10.80	-0.015	PASS
NVNT	Band1 7	10	23790	50	#0	16QAM	NV	-20	-9.84	-0.014	PASS
NVNT	Band1 7	10	23790	50	#0	16QAM	NV	0	-8.13	-0.011	PASS
NVNT	Band1 7	10	23790	50	#0	16QAM	NV	10	-5.12	-0.007	PASS
NVNT	Band1 7	10	23790	50	#0	16QAM	NV	20	-4.43	-0.006	PASS
NVNT	Band1 7	10	23790	50	#0	16QAM	NV	30	-2.55	-0.004	PASS
NVNT	Band1 7	10	23790	50	#0	16QAM	NV	40	-1.83	-0.003	PASS
NVNT	Band1 7	10	23790	50	#0	16QAM	NV	50	-1.33	-0.002	PASS
NVNT	Band1 7	10	23800	50	#0	QPSK	NV	-30	8.05	0.011	PASS
NVNT	Band1 7	10	23800	50	#0	QPSK	NV	-20	4.38	0.006	PASS
NVNT	Band1 7	10	23800	50	#0	QPSK	NV	0	-0.83	-0.001	PASS
NVNT	Band1 7	10	23800	50	#0	QPSK	NV	10	-3.16	-0.004	PASS
NVNT	Band1 7	10	23800	50	#0	QPSK	NV	20	-6.18	-0.009	PASS
NVNT	Band1 7	10	23800	50	#0	QPSK	NV	30	-8.68	-0.012	PASS
NVNT	Band1 7	10	23800	50	#0	QPSK	NV	40	-12.30	-0.017	PASS
NVNT	Band1 7	10	23800	50	#0	QPSK	NV	50	-15.35	-0.022	PASS
NVNT	Band1 7	10	23800	50	#0	16QAM	NV	-30	-16.52	-0.023	PASS
NVNT	Band1 7	10	23800	50	#0	16QAM	NV	-20	-18.25	-0.026	PASS
NVNT	Band1 7	10	23800	50	#0	16QAM	NV	0	-19.18	-0.027	PASS
NVNT	Band1 7	10	23800	50	#0	16QAM	NV	10	-20.04	-0.028	PASS
NVNT	Band1 7	10	23800	50	#0	16QAM	NV	20	-19.14	-0.027	PASS
NVNT	Band1	10	23800	50	#0	16QAM	NV	30	-20.17	-0.028	PASS

Appendix 3. Peak-to-Average Ratio

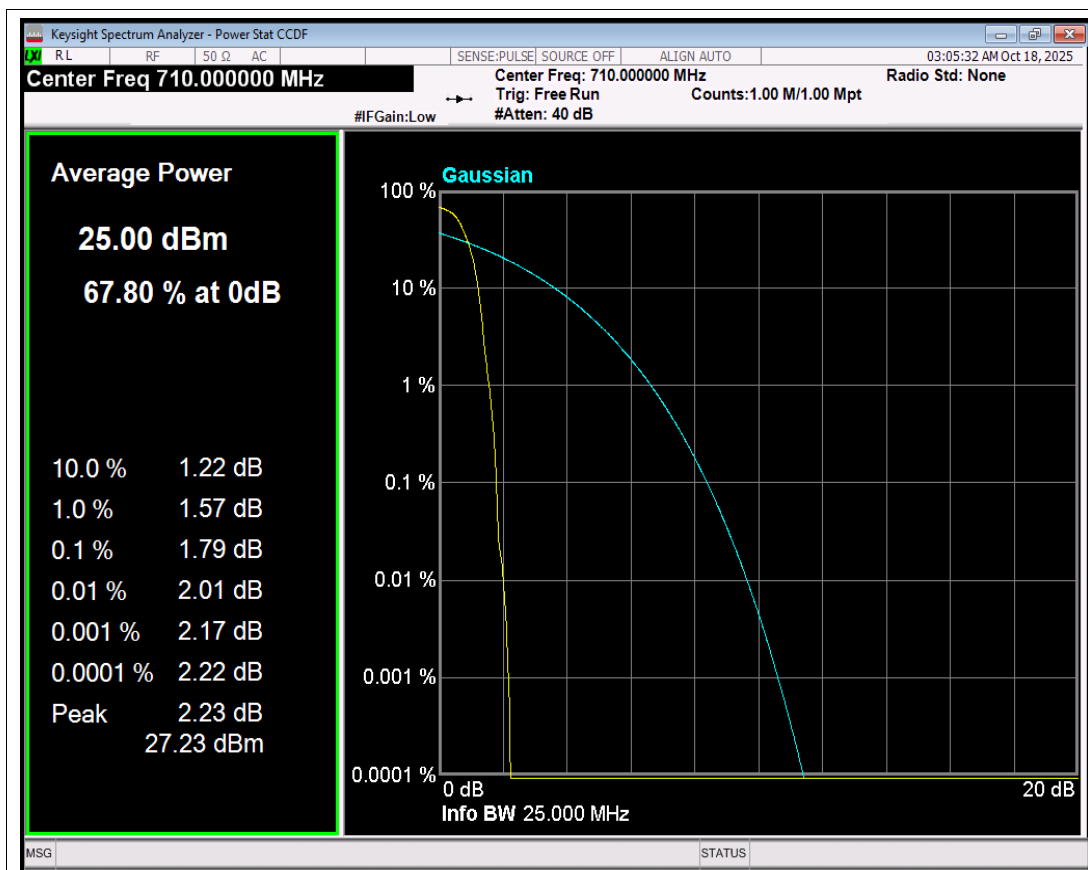
<i>Condition</i>	<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result (dB)</i>	<i>high Limit (dB)</i>	<i>Verdict</i>
NVNT	Band17	5	23755	1	#0	QPSK	1.23	13	PASS
NVNT	Band17	5	23755	1	#0	16QAM	2.57	13	PASS
NVNT	Band17	5	23790	1	#0	QPSK	1.79	13	PASS
NVNT	Band17	5	23790	1	#0	16QAM	3.50	13	PASS
NVNT	Band17	5	23825	1	#0	QPSK	2.10	13	PASS
NVNT	Band17	5	23825	1	#0	16QAM	3.92	13	PASS
NVNT	Band17	10	23780	1	#0	QPSK	1.24	13	PASS
NVNT	Band17	10	23780	1	#0	16QAM	2.31	13	PASS
NVNT	Band17	10	23790	1	#0	QPSK	1.35	13	PASS
NVNT	Band17	10	23790	1	#0	16QAM	2.02	13	PASS
NVNT	Band17	10	23800	1	#0	QPSK	1.37	13	PASS
NVNT	Band17	10	23800	1	#0	16QAM	2.79	13	PASS



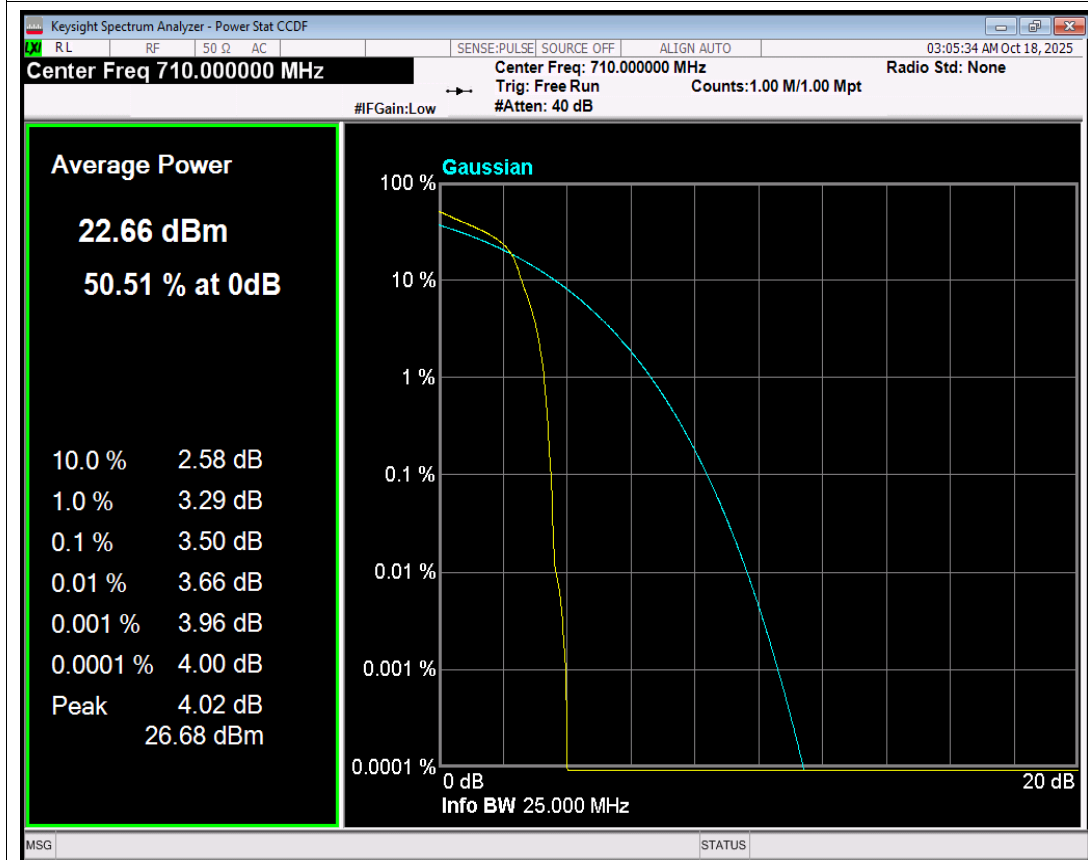
Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#0 NVNT



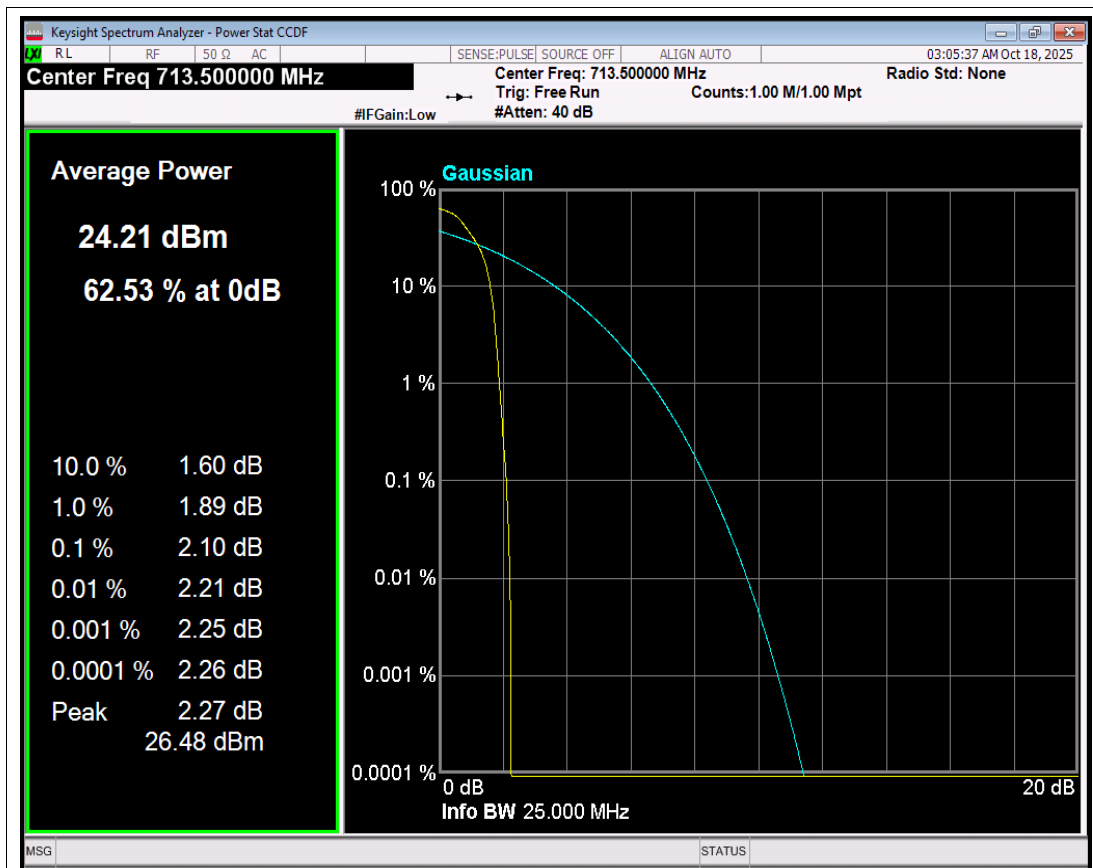
Band17 16QAM BW=5MHz Channel=23755 RB Size=1 Position=#0 NVNT



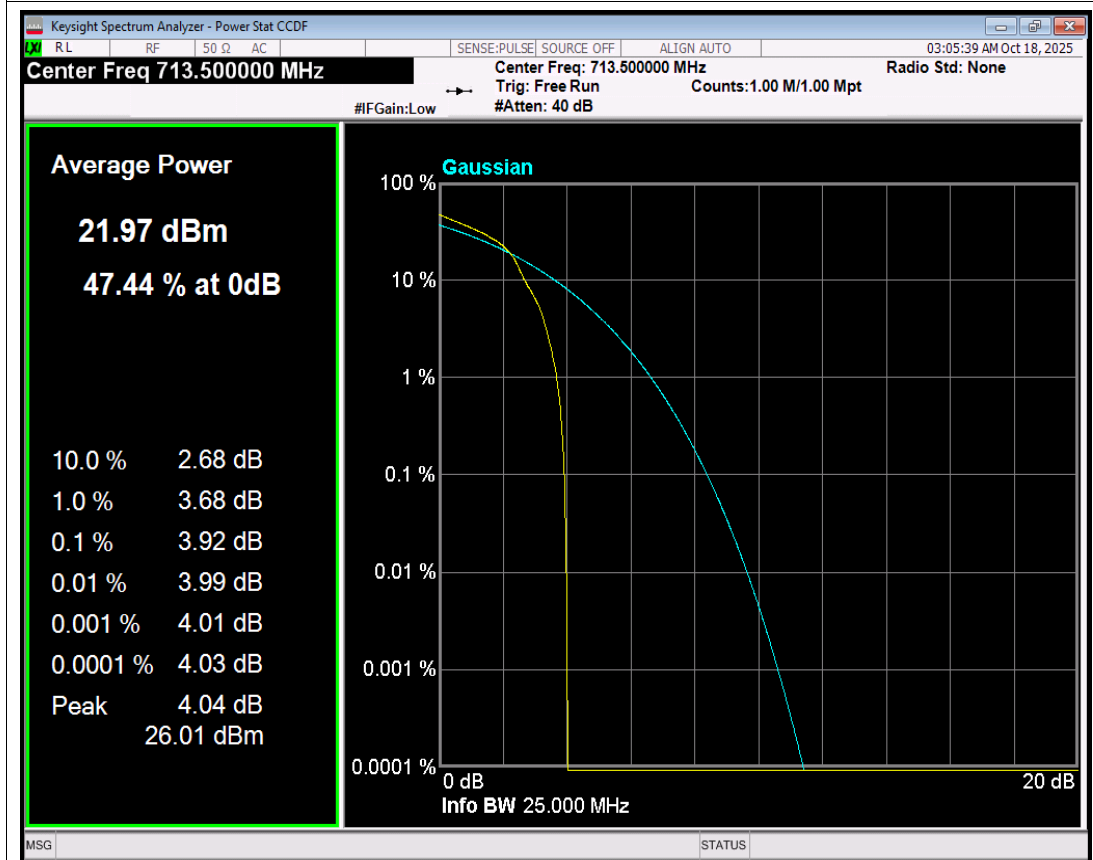
Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0 NVNT



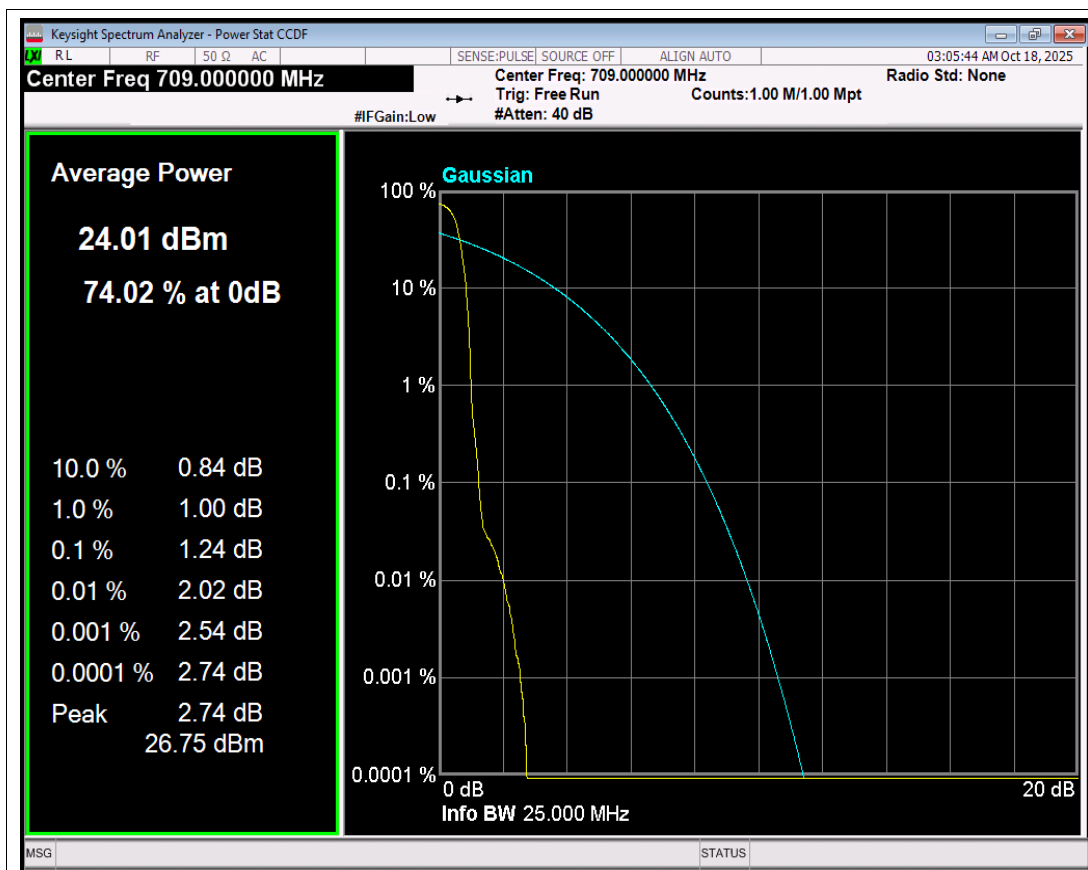
Band17 16QAM BW=5MHz Channel=23790 RB Size=1 Position=#0 NVNT



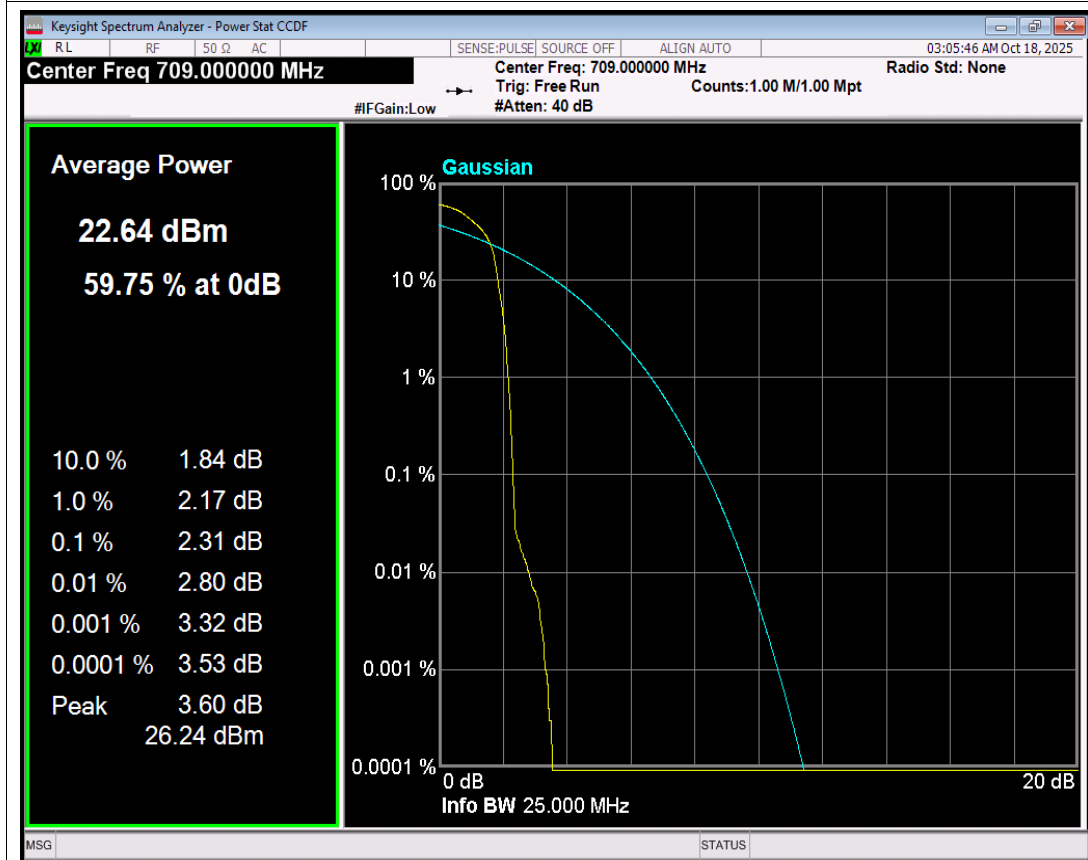
Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0 NVNT



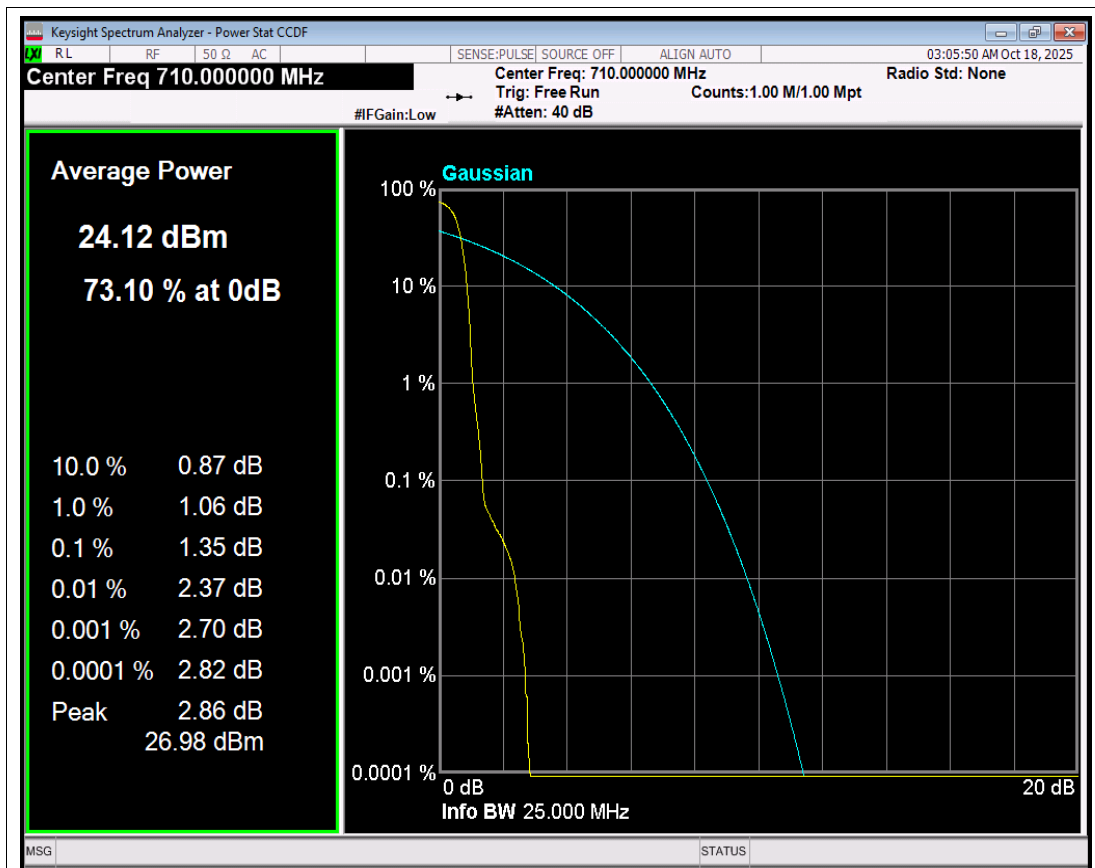
Band17 16QAM BW=5MHz Channel=23825 RB Size=1 Position=#0 NVNT



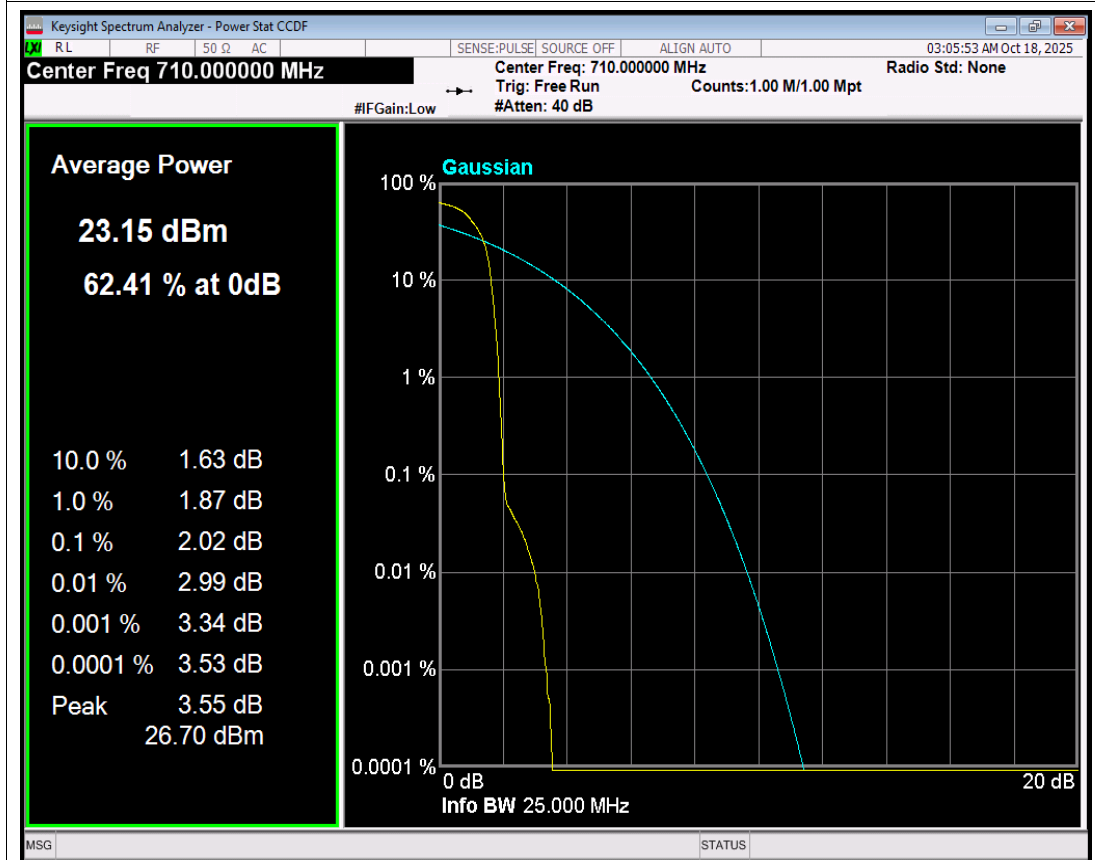
Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0 NVNT



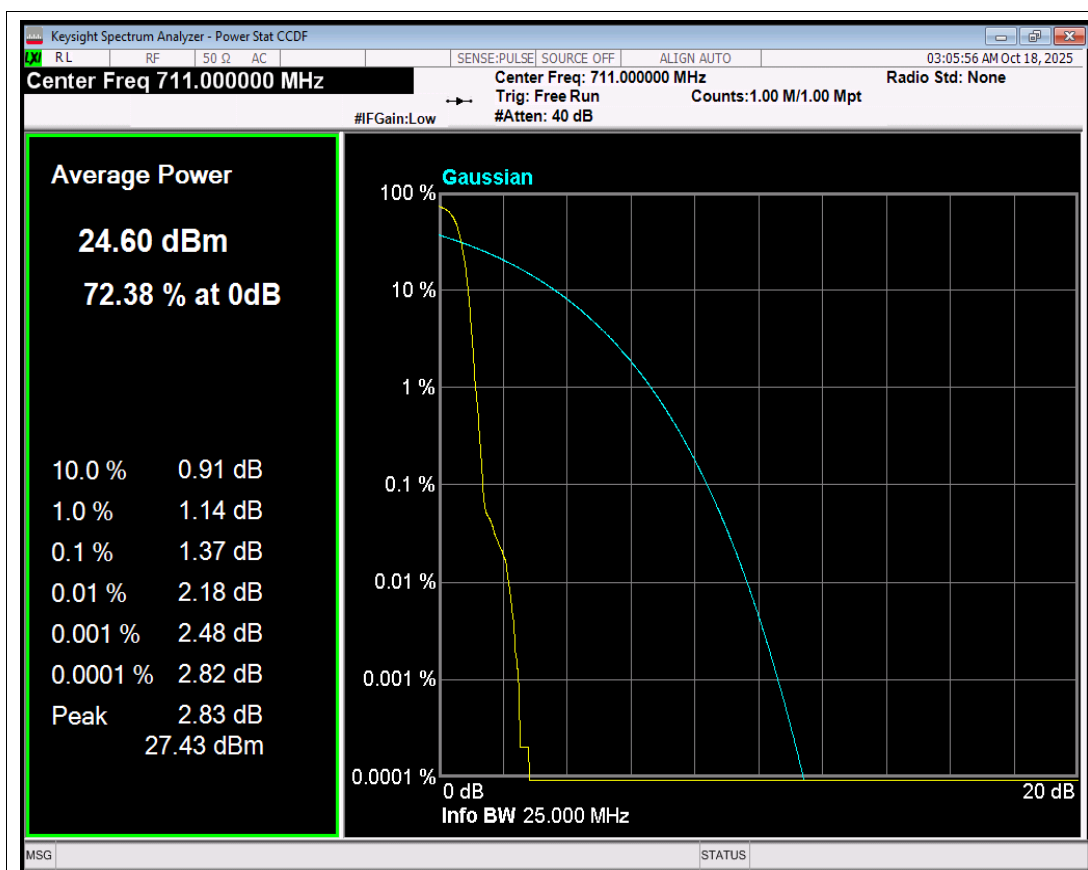
Band17 16QAM BW=10MHz Channel=23780 RB Size=1 Position=#0 NVNT



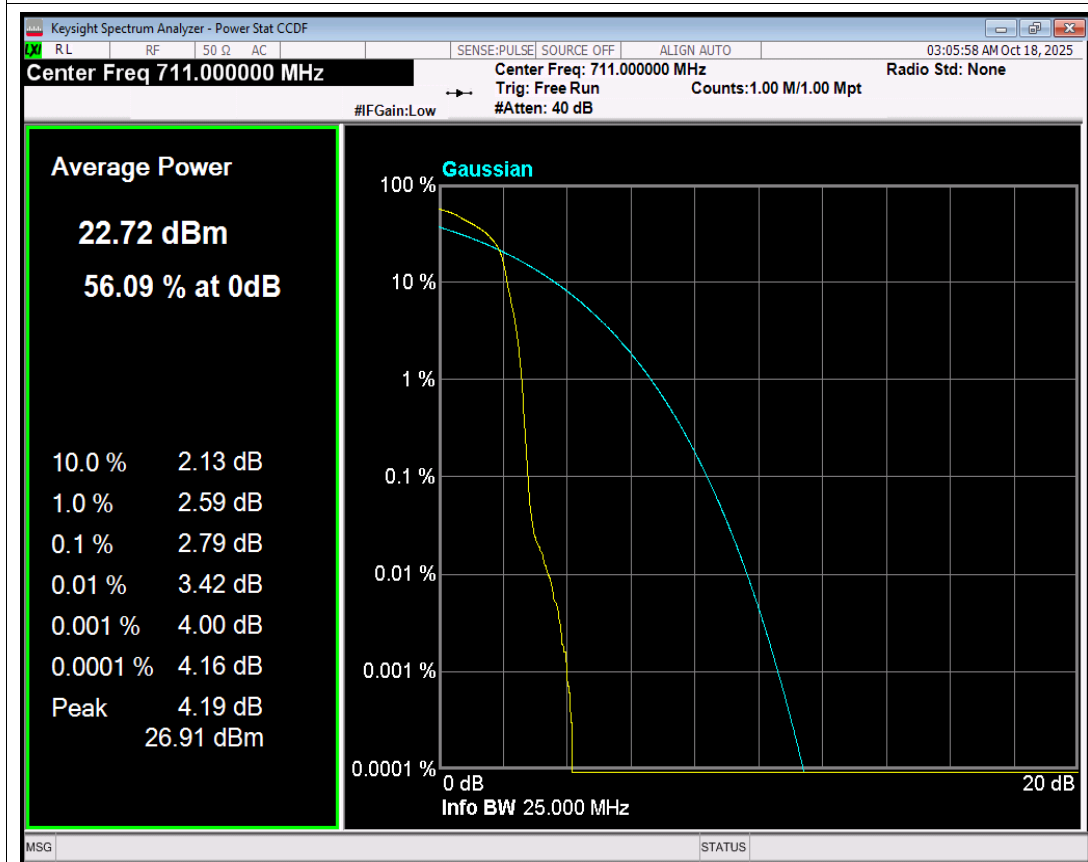
Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0 NVNT



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



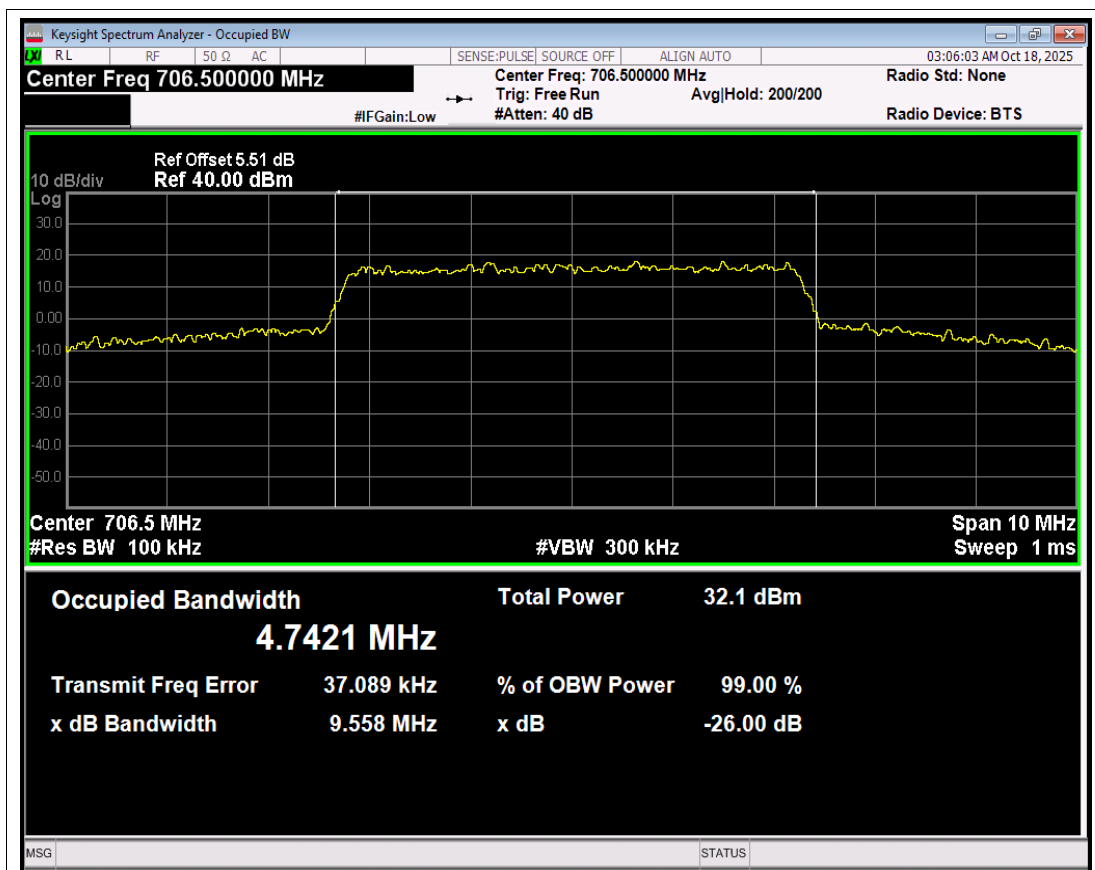
Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0 NVNT



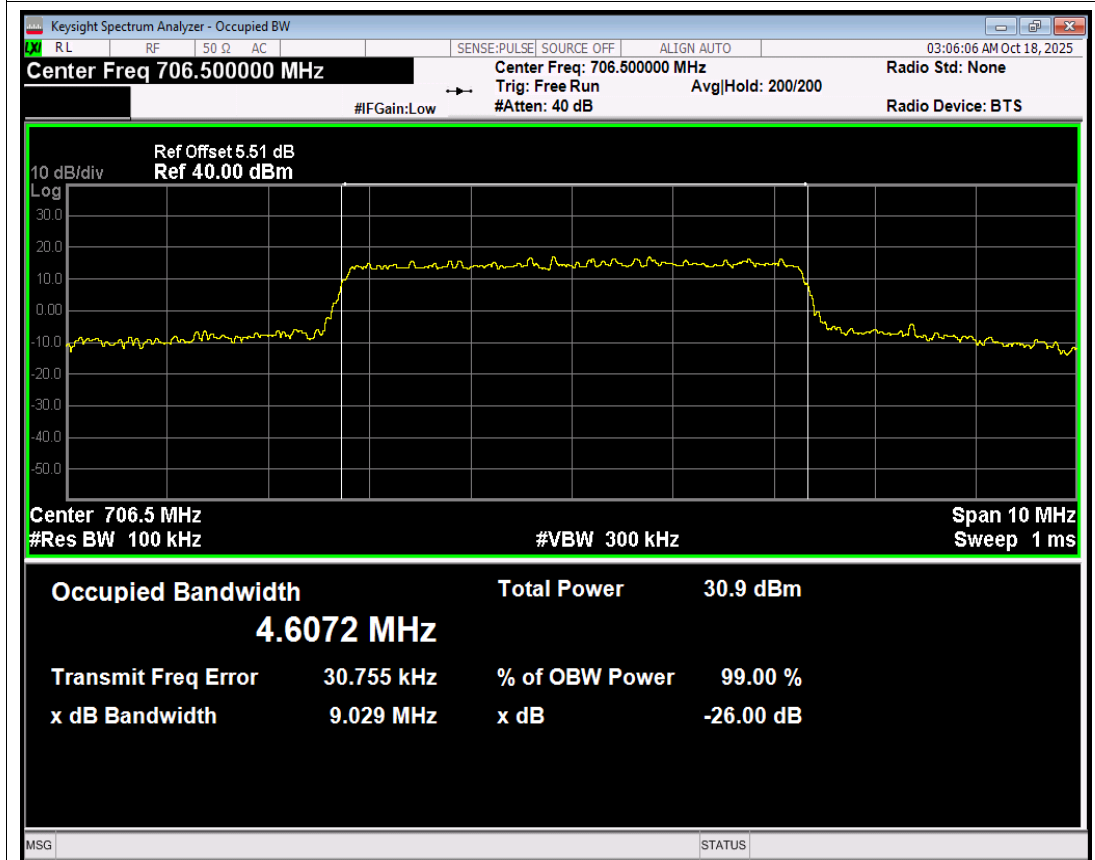
Band17 16QAM BW=10MHz Channel=23800 RB Size=1 Position=#0 NVNT

Appendix 4.Occupied bandwidth

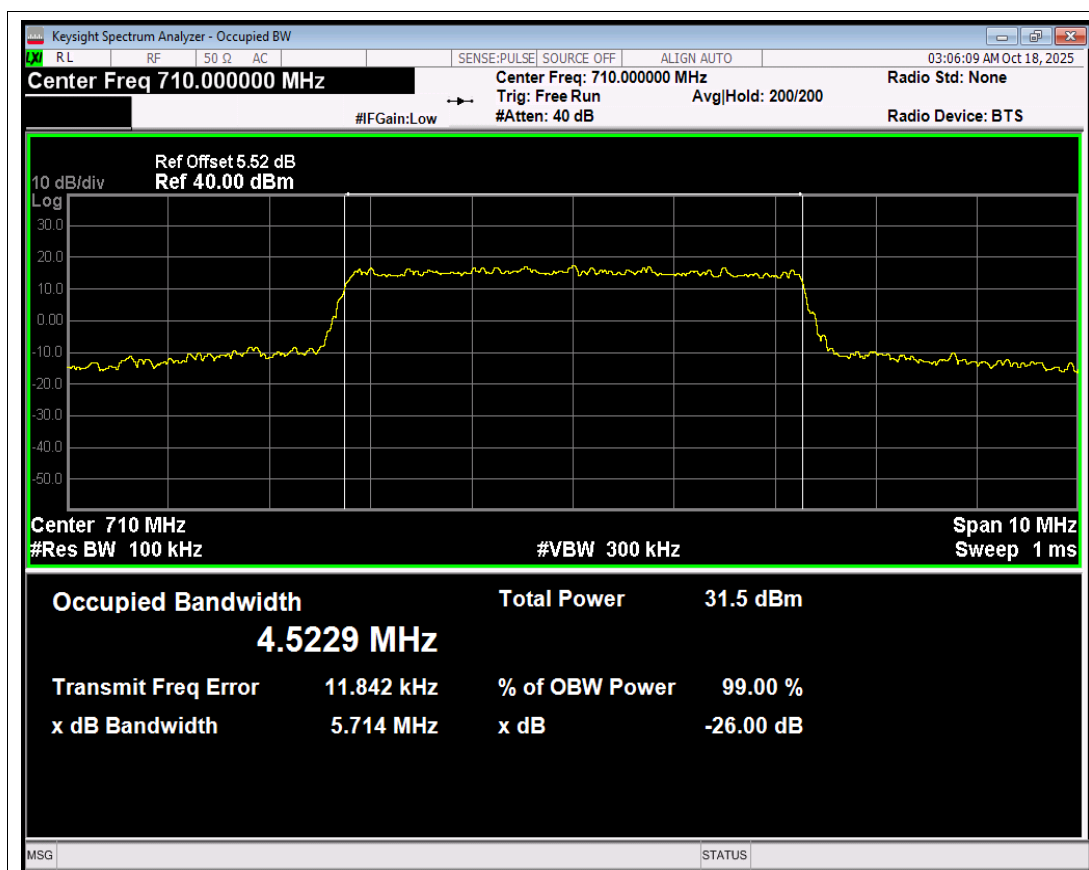
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band17	5	23755	25	#0	QPSK	4.742	9.558	PASS
NVNT	Band17	5	23755	25	#0	16QAM	4.607	9.029	PASS
NVNT	Band17	5	23790	25	#0	QPSK	4.523	5.714	PASS
NVNT	Band17	5	23790	25	#0	16QAM	4.519	5.006	PASS
NVNT	Band17	5	23825	25	#0	QPSK	4.532	5.735	PASS
NVNT	Band17	5	23825	25	#0	16QAM	4.571	7.336	PASS
NVNT	Band17	10	23780	50	#0	QPSK	9.079	16.824	PASS
NVNT	Band17	10	23780	50	#0	16QAM	9.046	16.298	PASS
NVNT	Band17	10	23790	50	#0	QPSK	9.005	12.245	PASS
NVNT	Band17	10	23790	50	#0	16QAM	9.013	14.031	PASS
NVNT	Band17	10	23800	50	#0	QPSK	9.005	11.052	PASS
NVNT	Band17	10	23800	50	#0	16QAM	9.010	10.001	PASS



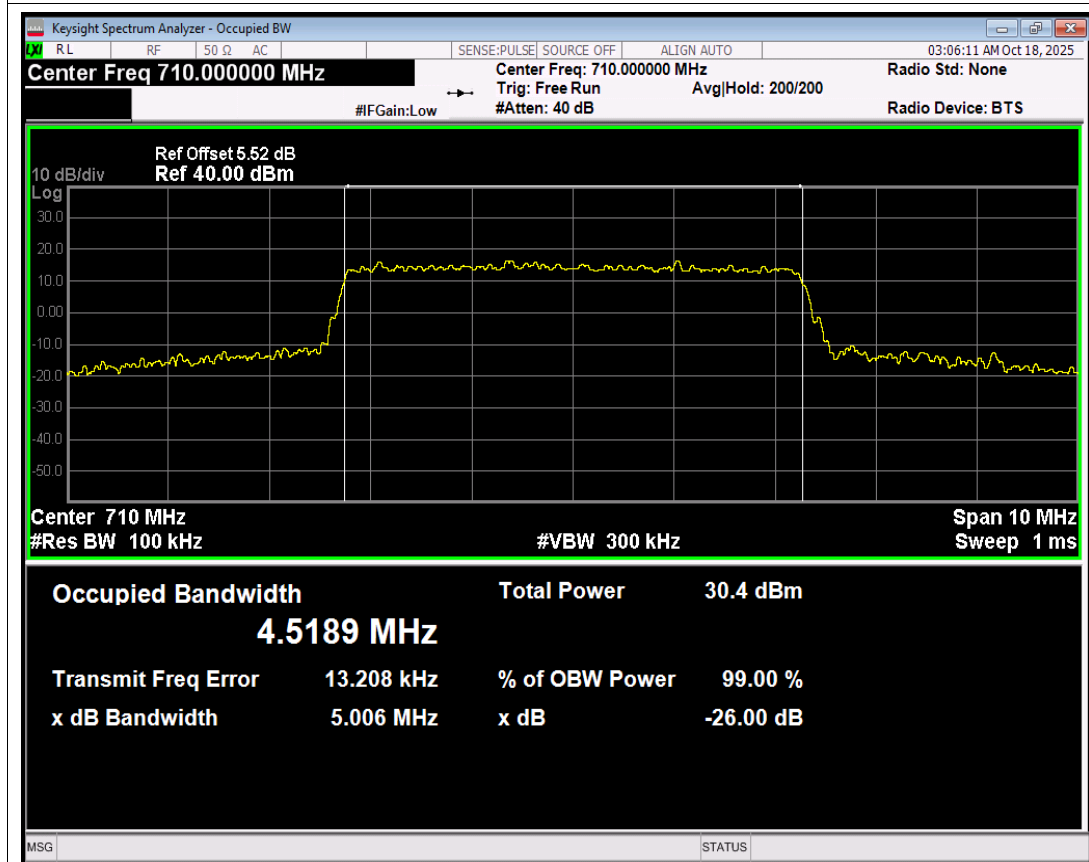
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0 NVNT



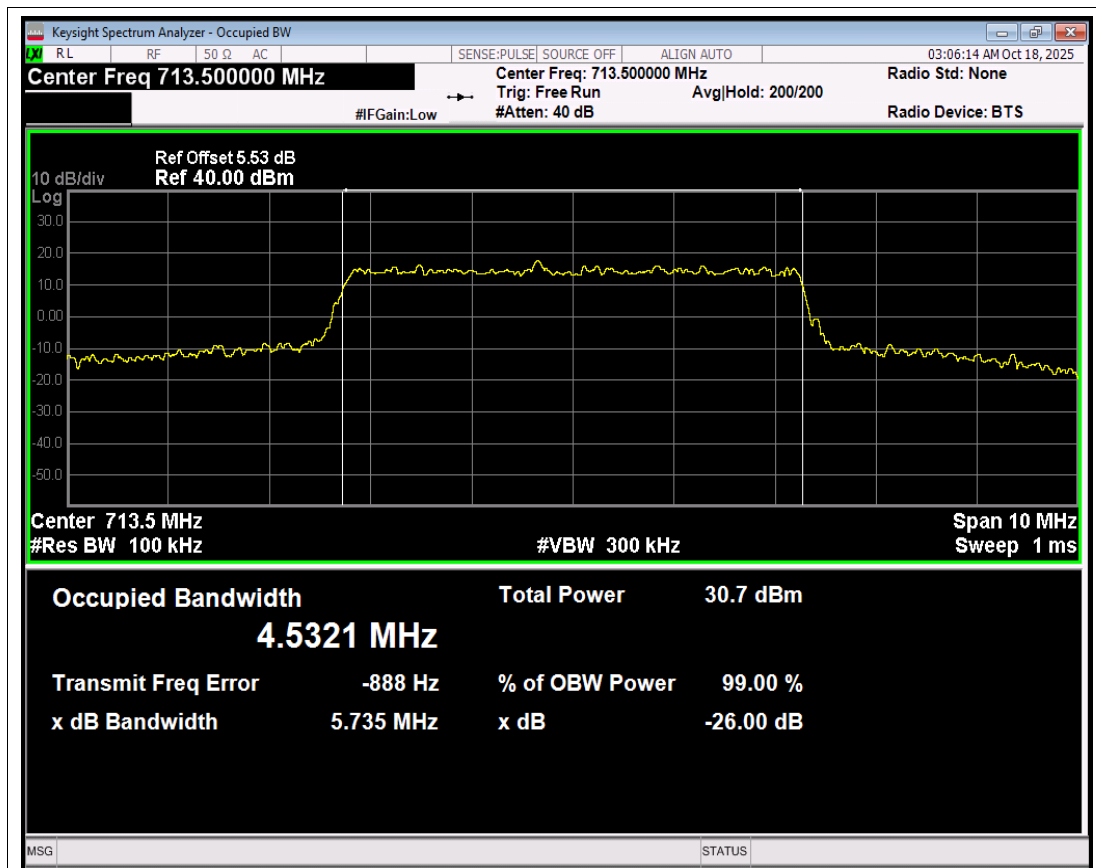
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0 NVNT



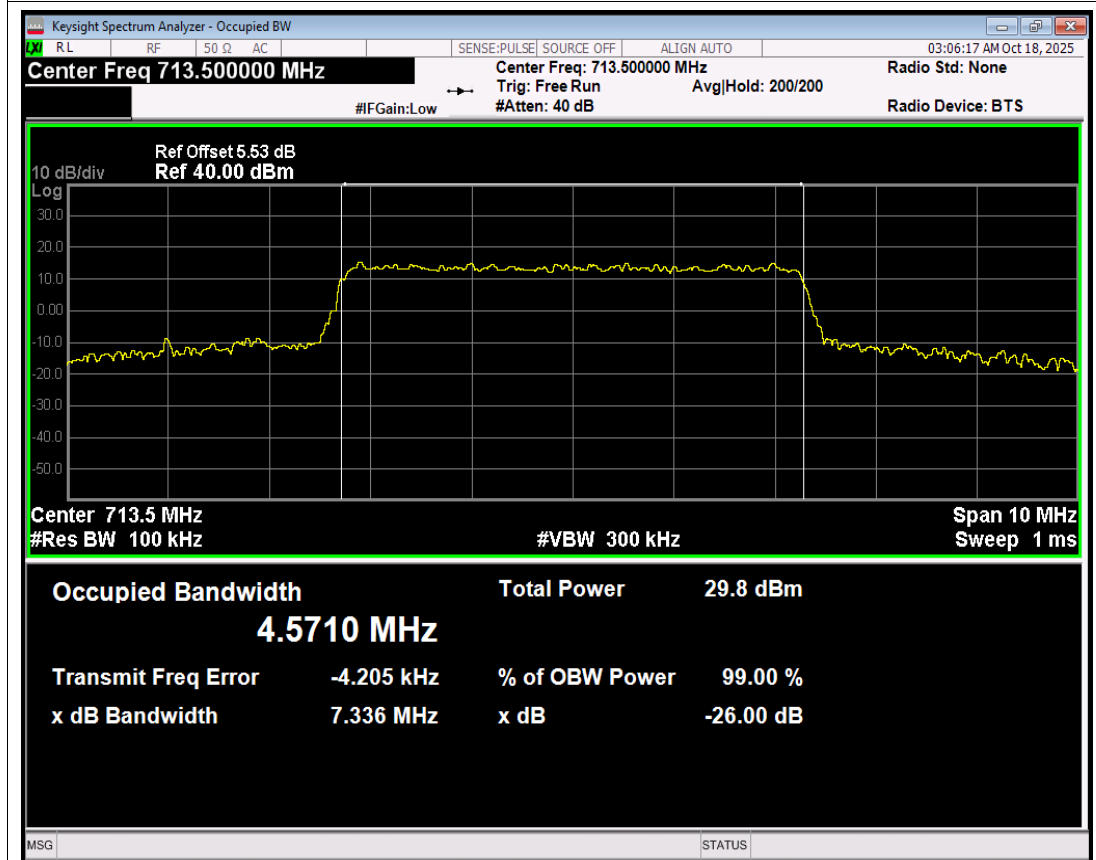
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0 NVNT



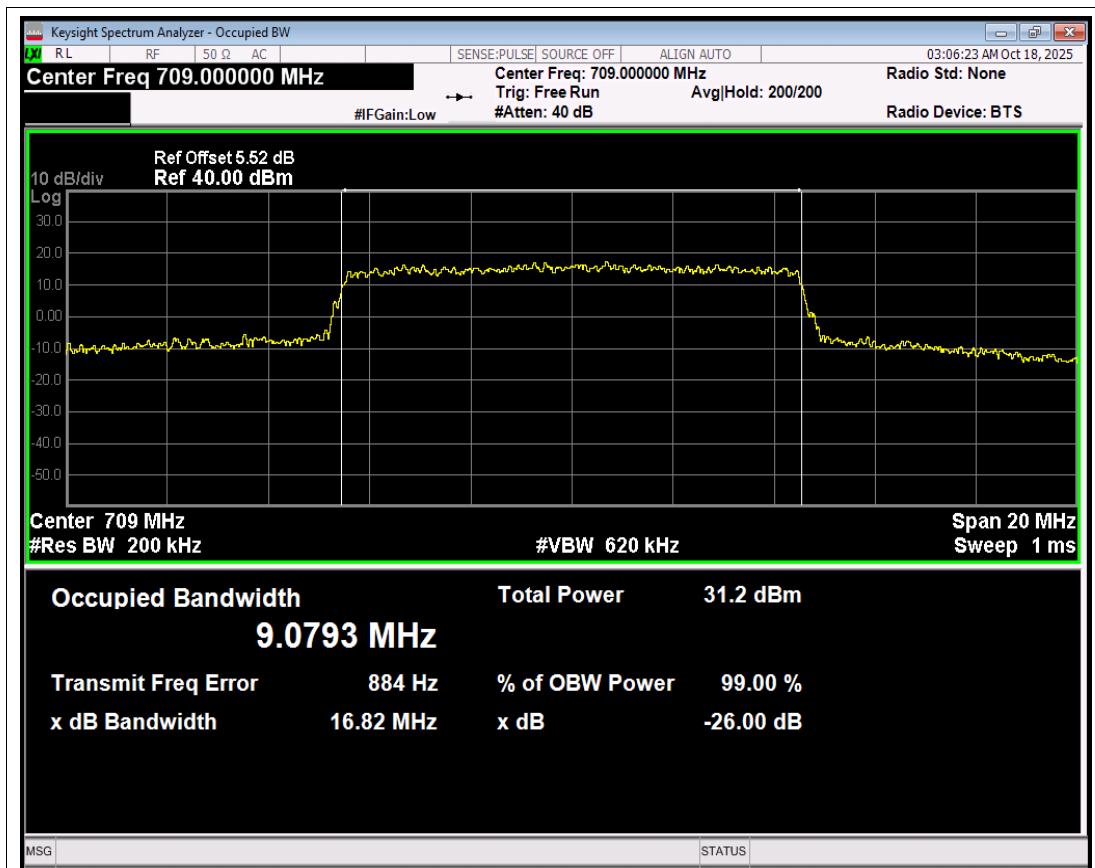
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0 NVNT



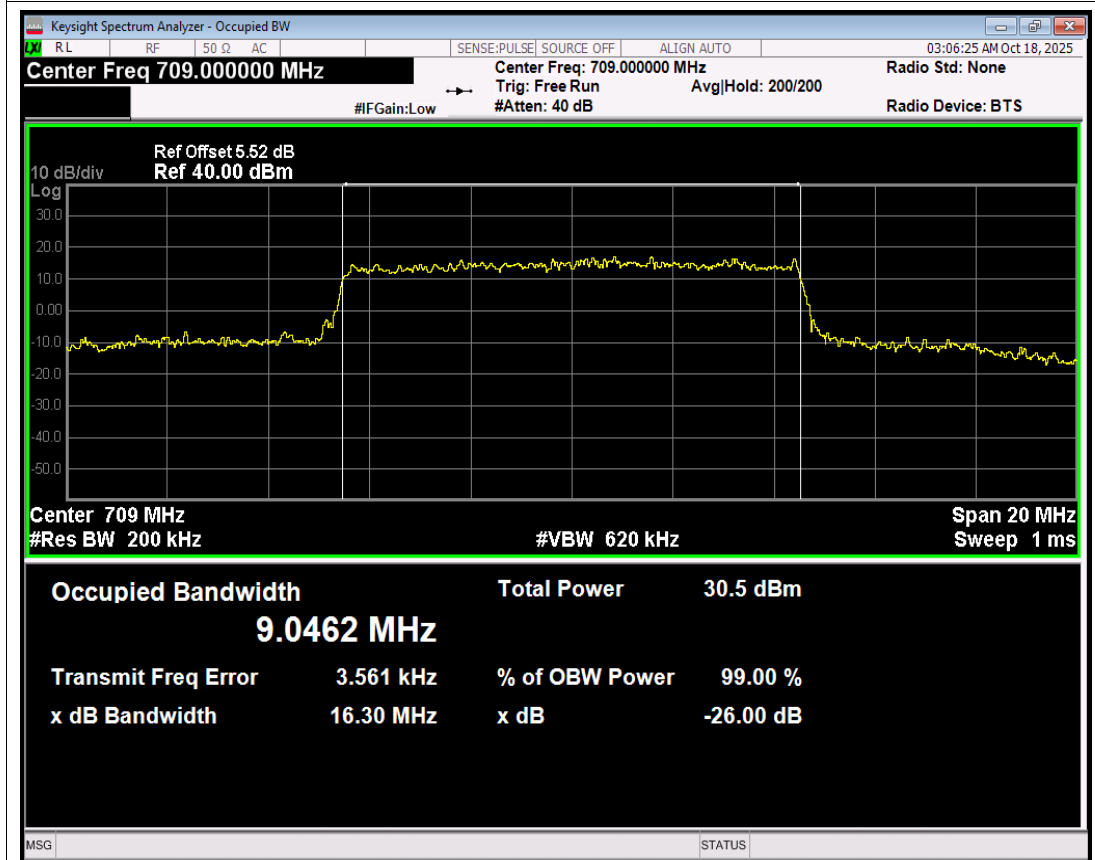
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0 NVNT



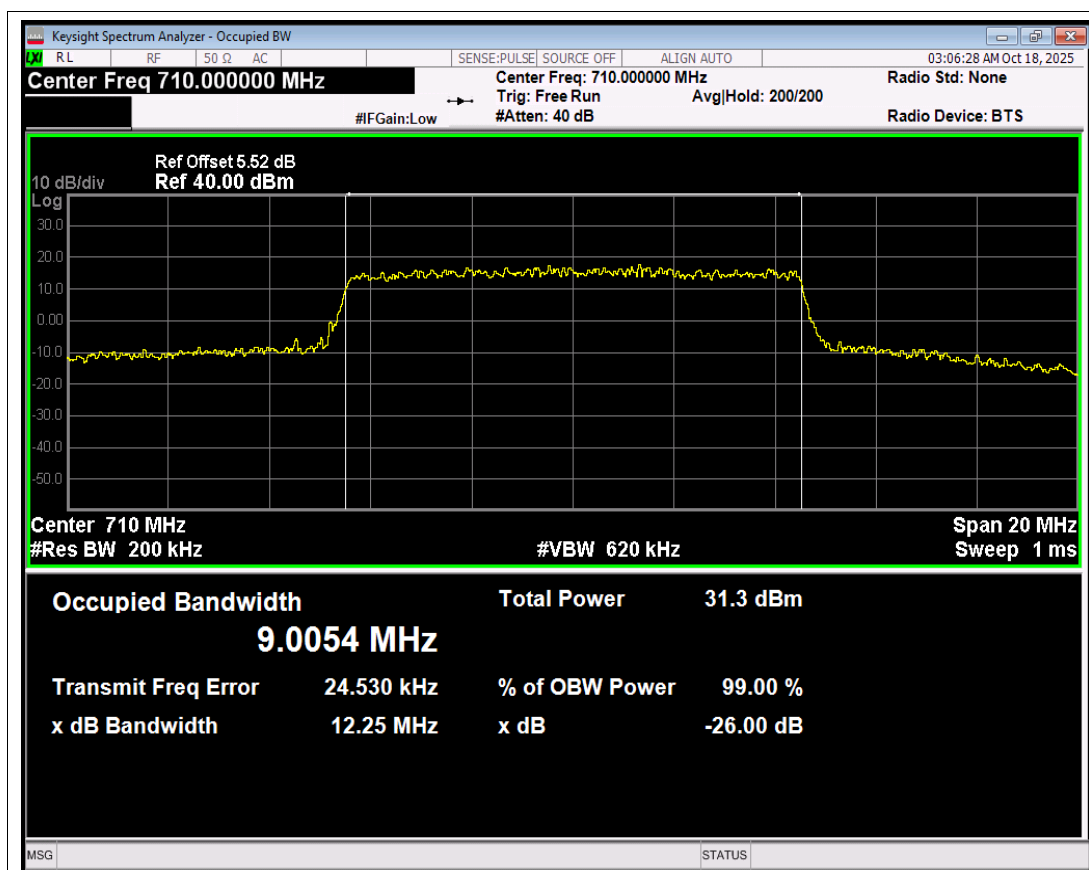
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0 NVNT



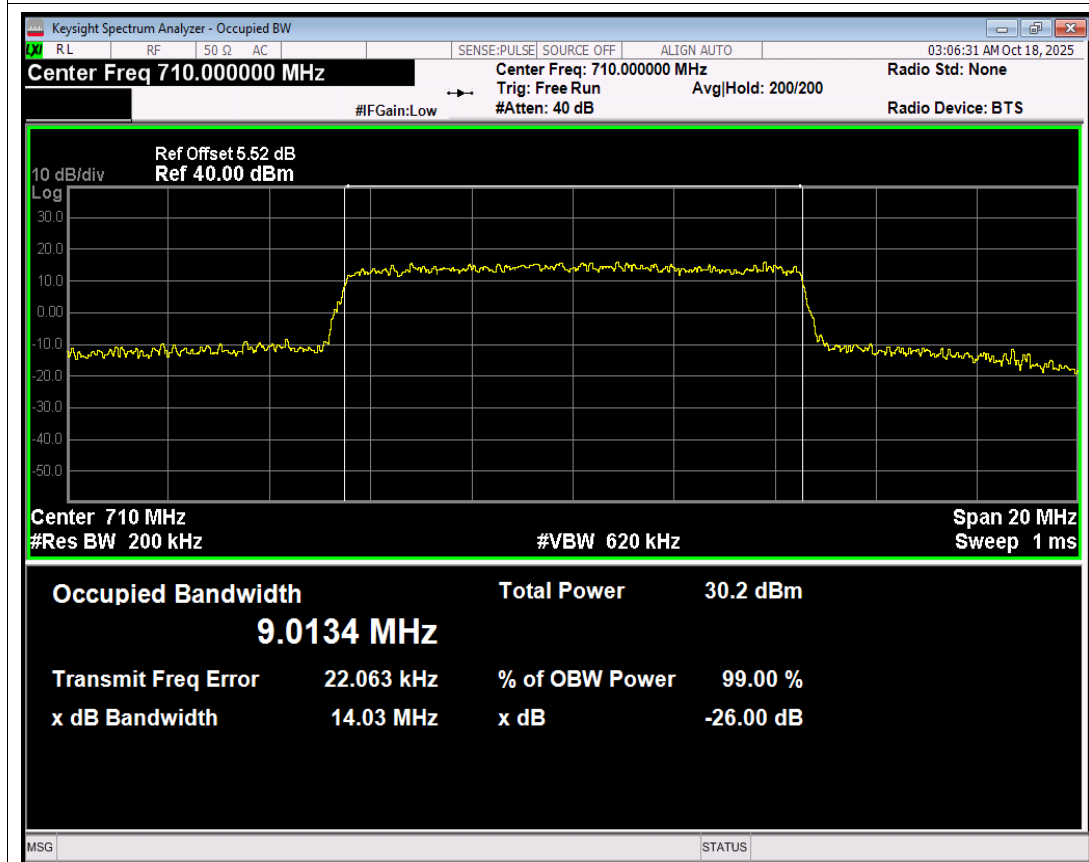
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0 NVNT



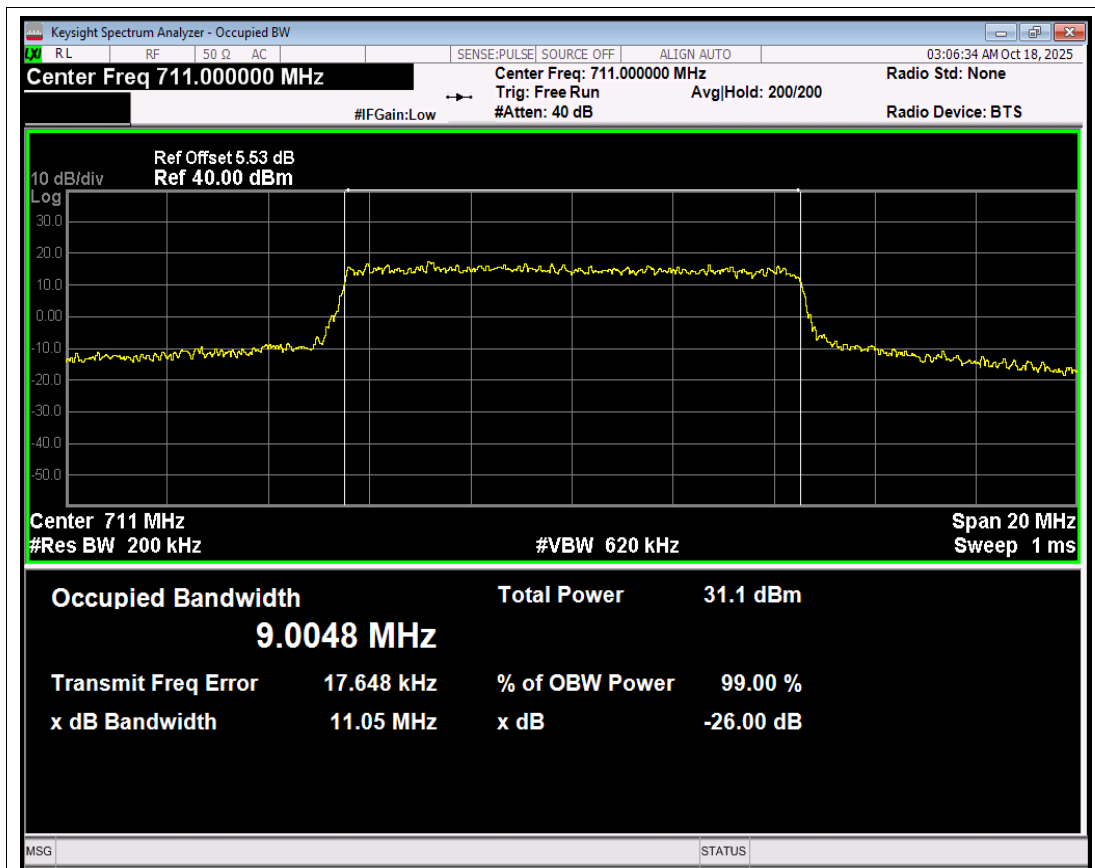
Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0 NVNT



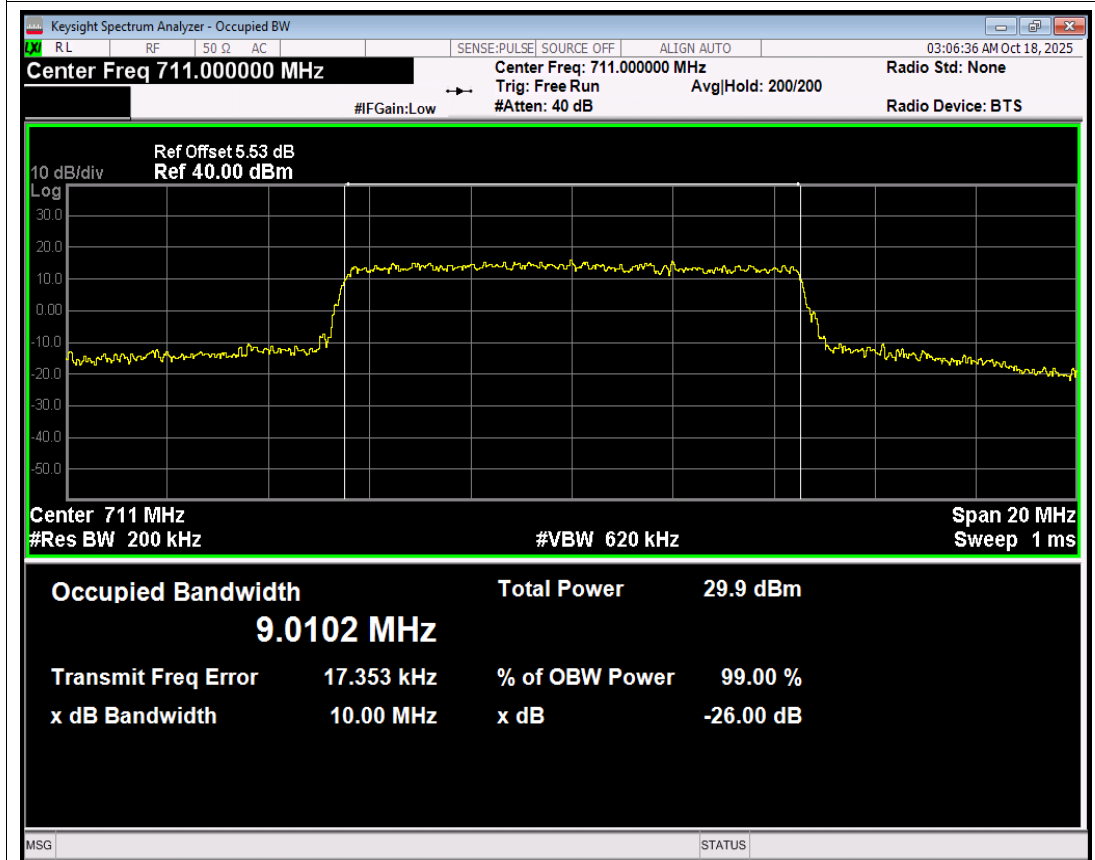
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0 NVNT



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



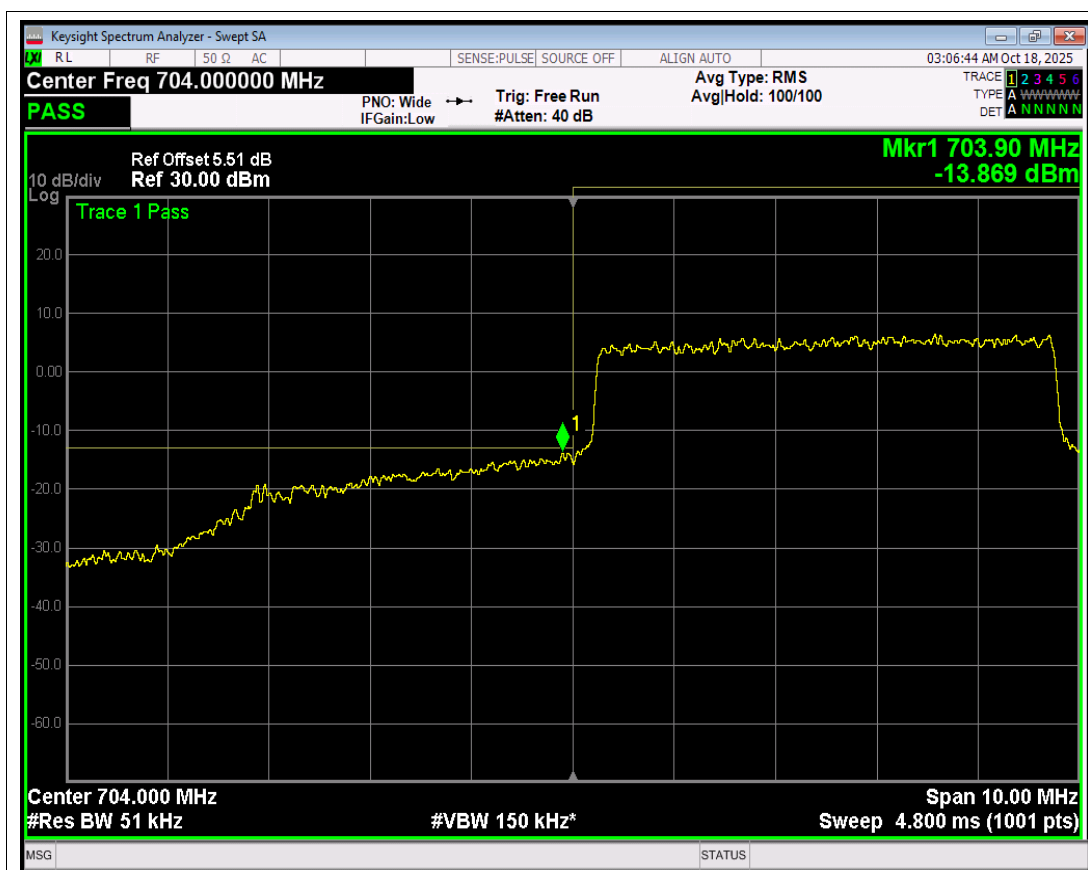
Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0 NVNT



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

Appendix 5.Band edge

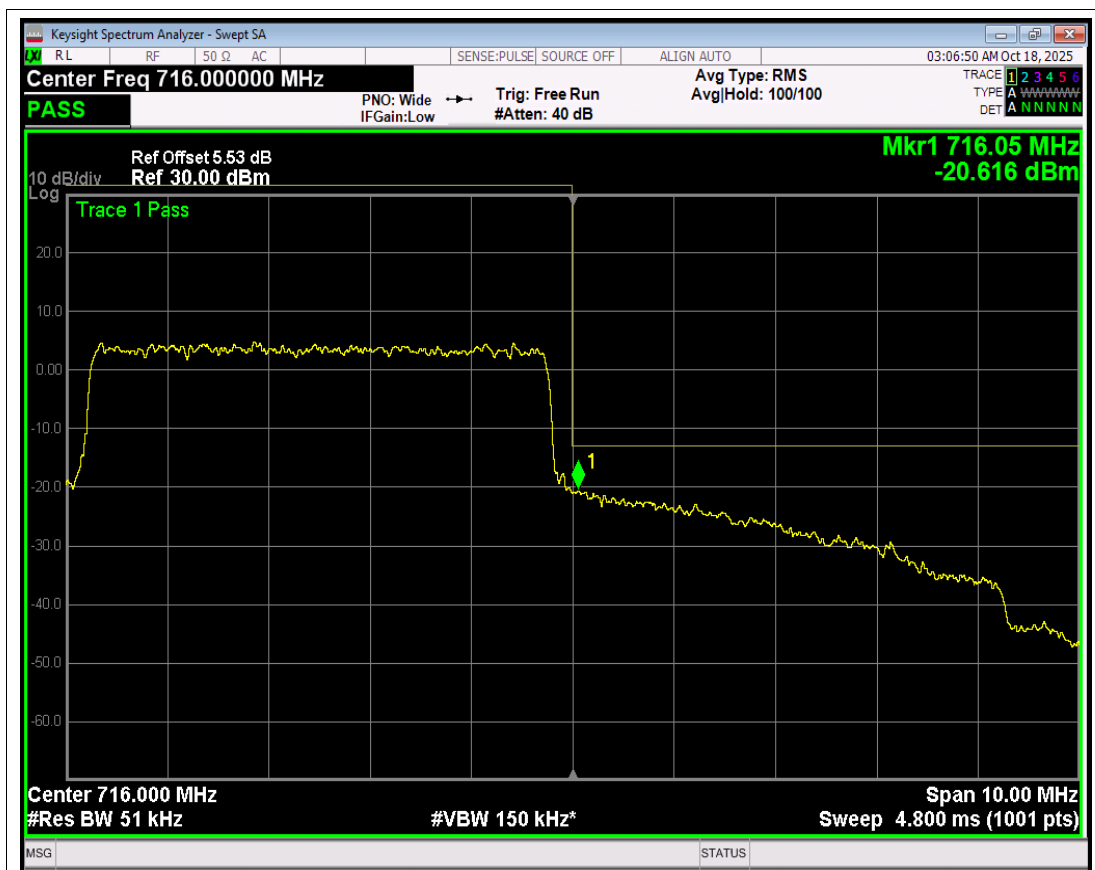
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band17	5	23755	25	#0	QPSK	703.90	-13.86	-13	PASS
NVNT	Band17	5	23755	25	#0	16QAM	703.52	-18.22	-13	PASS
NVNT	Band17	5	23825	25	#0	QPSK	716.05	-20.61	-13	PASS
NVNT	Band17	5	23825	25	#0	16QAM	716.00	-22.19	-13	PASS
NVNT	Band17	10	23780	50	#0	QPSK	703.96	-17.78	-13	PASS
NVNT	Band17	10	23780	50	#0	16QAM	701.82	-20.36	-13	PASS
NVNT	Band17	10	23800	50	#0	QPSK	716.08	-19.82	-13	PASS
NVNT	Band17	10	23800	50	#0	16QAM	716.02	-23.15	-13	PASS



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



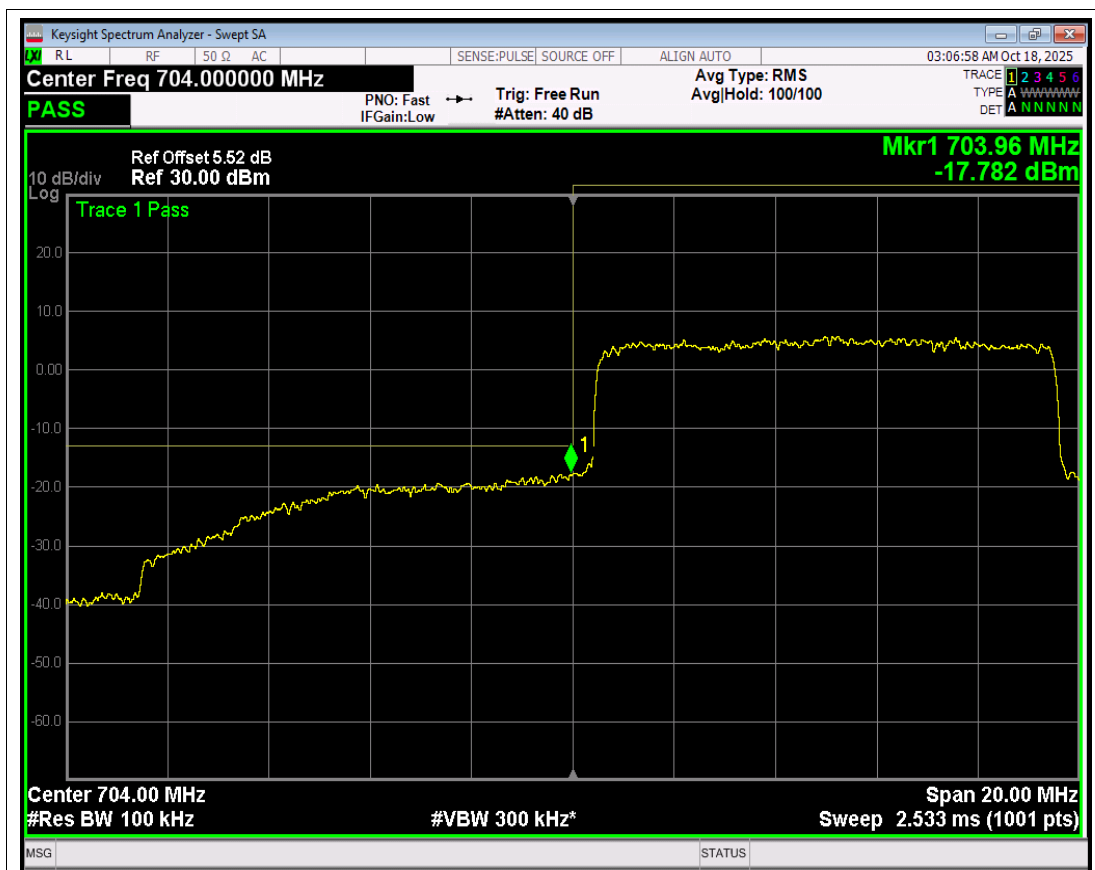
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0 NVNT



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



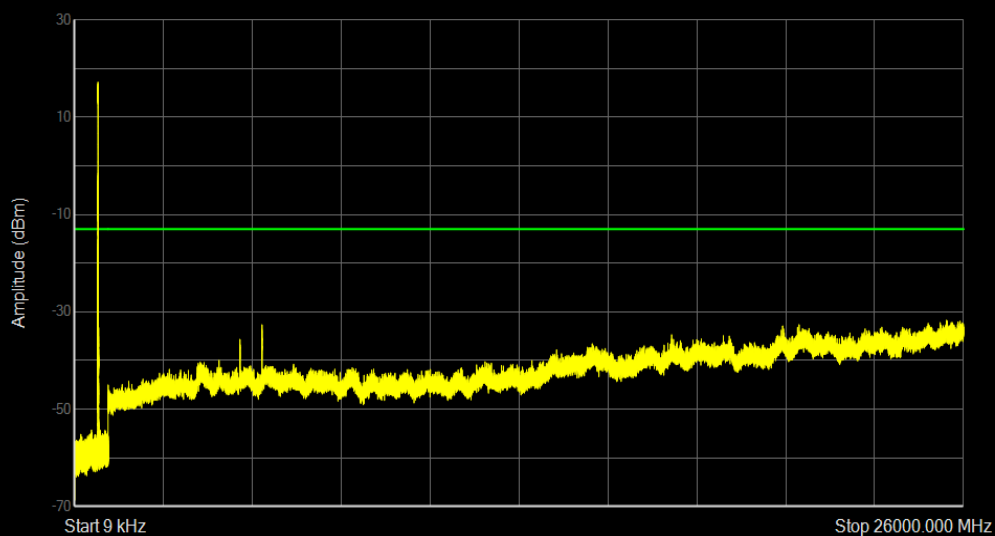
Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0 NVNT



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

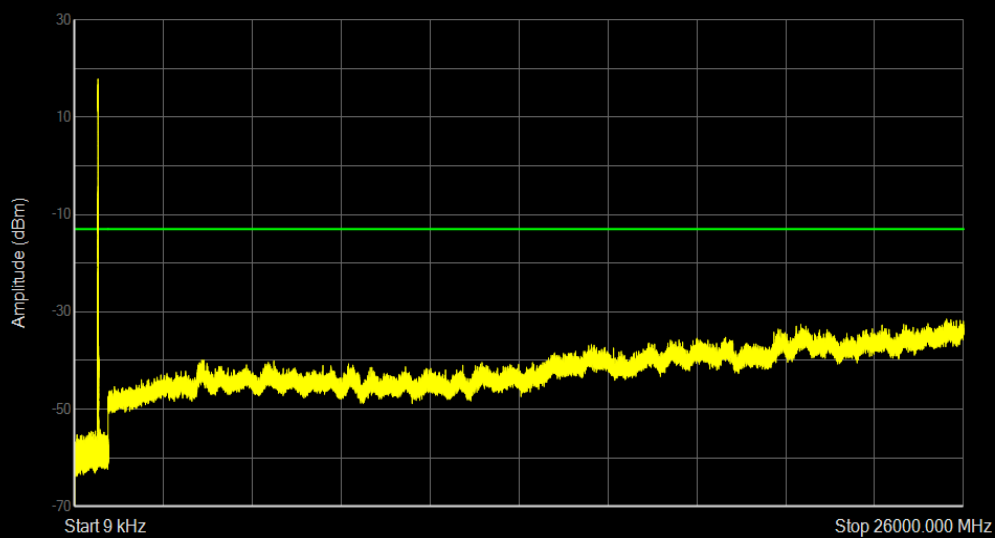
Appendix 6.Out-of-band emissions

<i>Condition</i>	<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
NVNT	Band17	5	23755	25	#0	QPSK	25501.25	-31.73	-13	PASS
NVNT	Band17	5	23755	25	#0	16QAM	25505.63	-31.49	-13	PASS
NVNT	Band17	5	23790	25	#0	QPSK	25708.13	-30.98	-13	PASS
NVNT	Band17	5	23790	25	#0	16QAM	0.01	-26.23	-13	PASS
NVNT	Band17	5	23825	25	#0	QPSK	25896.25	-30.25	-13	PASS
NVNT	Band17	5	23825	25	#0	16QAM	0.01	-29.63	-13	PASS
NVNT	Band17	10	23780	50	#0	QPSK	25554.38	-30.71	-13	PASS
NVNT	Band17	10	23780	50	#0	16QAM	25778.75	-31.42	-13	PASS
NVNT	Band17	10	23790	50	#0	QPSK	0.01	-24.53	-13	PASS
NVNT	Band17	10	23790	50	#0	16QAM	0.16	-25.43	-13	PASS
NVNT	Band17	10	23800	50	#0	QPSK	25926.88	-30.84	-13	PASS
NVNT	Band17	10	23800	50	#0	16QAM	25536.88	-31.13	-13	PASS



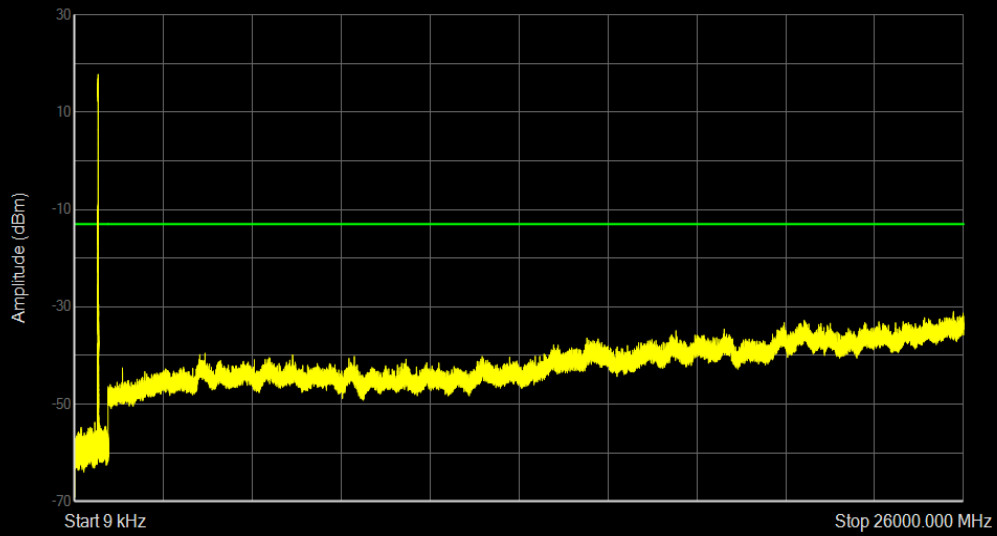
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-35.78	-13
2	0.15	30	10	0.15820875	-36.31	-13
3	30	1000	100	515.0485	-54.32	-13
4	1000	26000	1000	25501.25	-31.73	-13

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



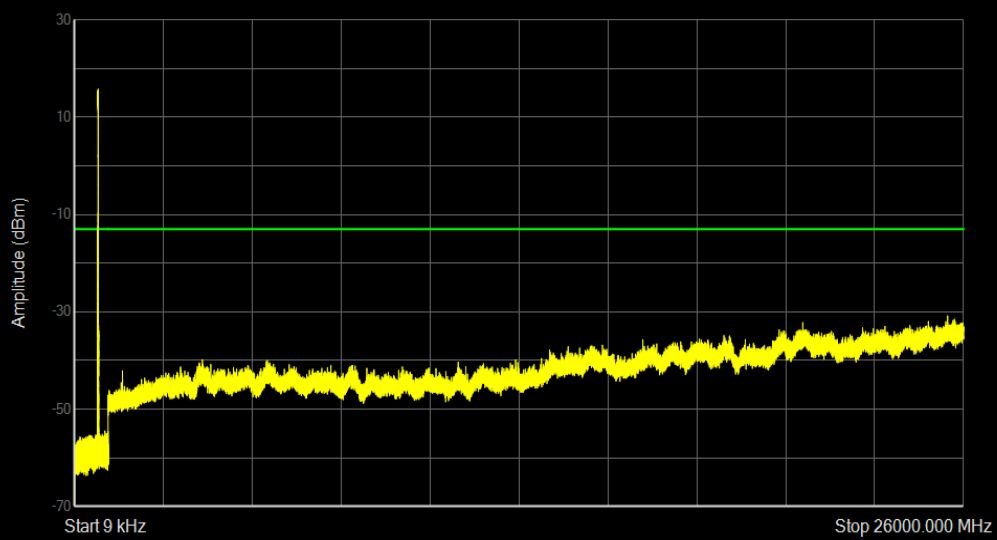
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094935	-35.8	-13
2	0.15	30	10	0.15	-39.16	-13
3	30	1000	100	766.49675	-54.19	-13
4	1000	26000	1000	25505.625	-31.49	-13

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



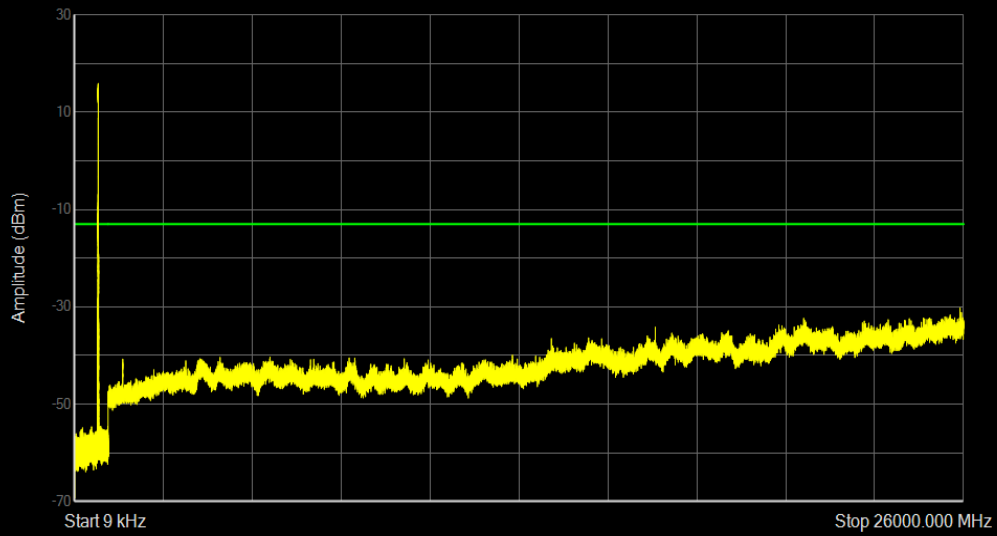
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-33.24	-13
2	0.15	30	10	0.16716375	-38.95	-13
3	30	1000	100	613.2125	-53.74	-13
4	1000	26000	1000	25708.125	-30.98	-13

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



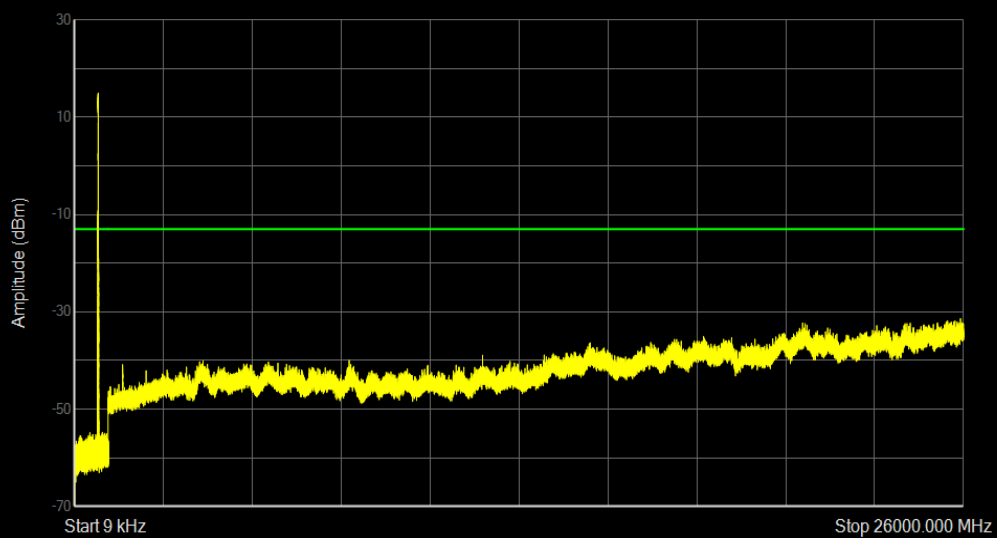
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009793125	-26.23	-13
2	0.15	30	10	0.170895	-31.8	-13
3	30	1000	100	907.09825	-54.49	-13
4	1000	26000	1000	25533.125	-30.83	-13

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



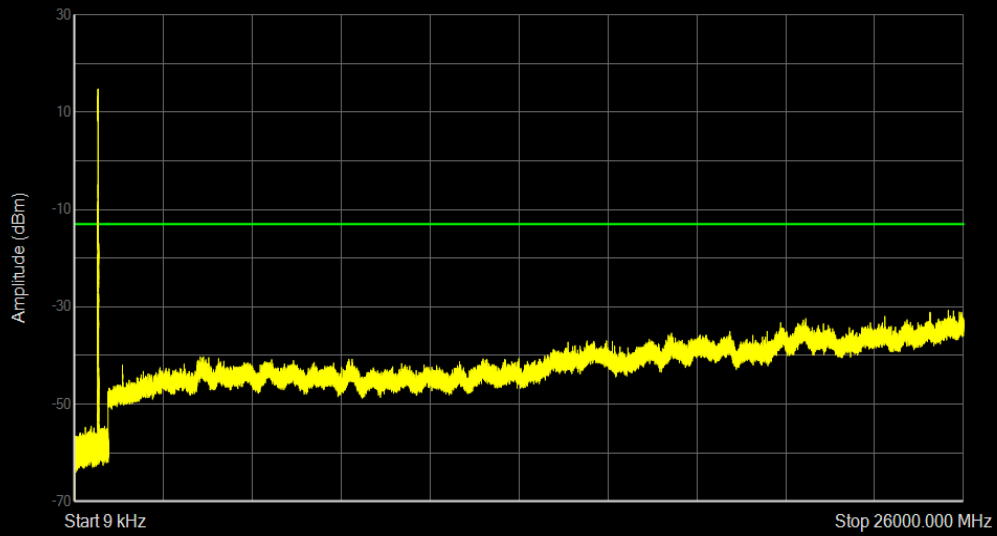
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011985675	-32.11	-13
2	0.15	30	10	0.158955	-37.45	-13
3	30	1000	100	786.212	-54.54	-13
4	1000	26000	1000	25896.25	-30.25	-13

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



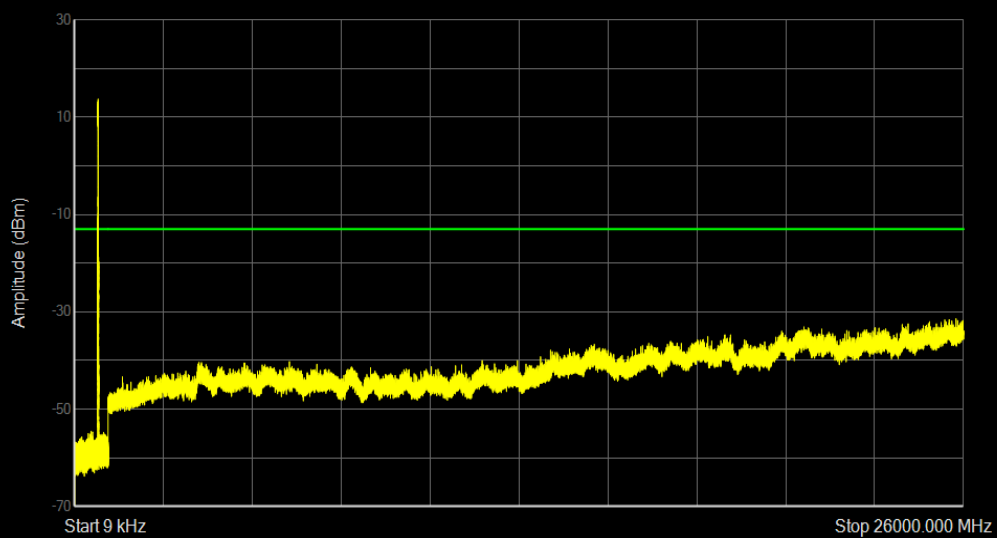
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01292685	-29.63	-13
2	0.15	30	10	0.15820875	-34.48	-13
3	30	1000	100	835.46375	-54.76	-13
4	1000	26000	1000	25910	-31.39	-13

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



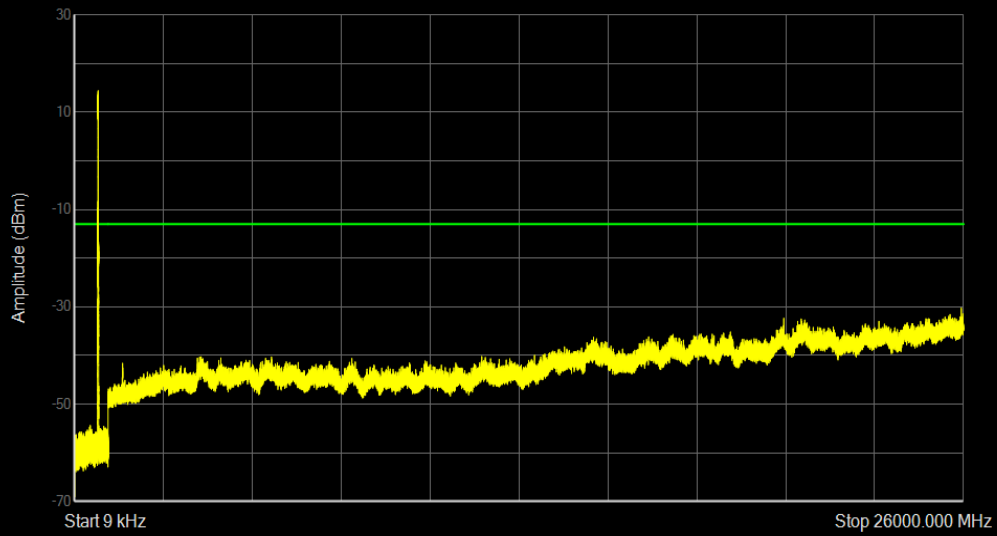
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009976425	-33.36	-13
2	0.15	30	10	0.15597	-32.6	-13
3	30	1000	100	505.203	-54.51	-13
4	1000	26000	1000	25554.375	-30.71	-13

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



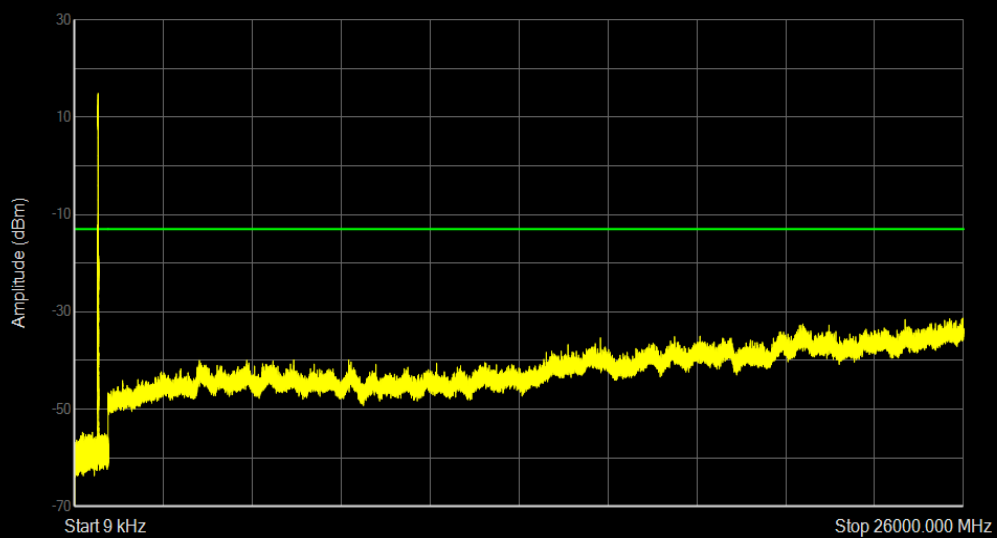
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011569725	-35.04	-13
2	0.15	30	10	0.15	-38.1	-13
3	30	1000	100	504.83925	-54.55	-13
4	1000	26000	1000	25778.75	-31.42	-13

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



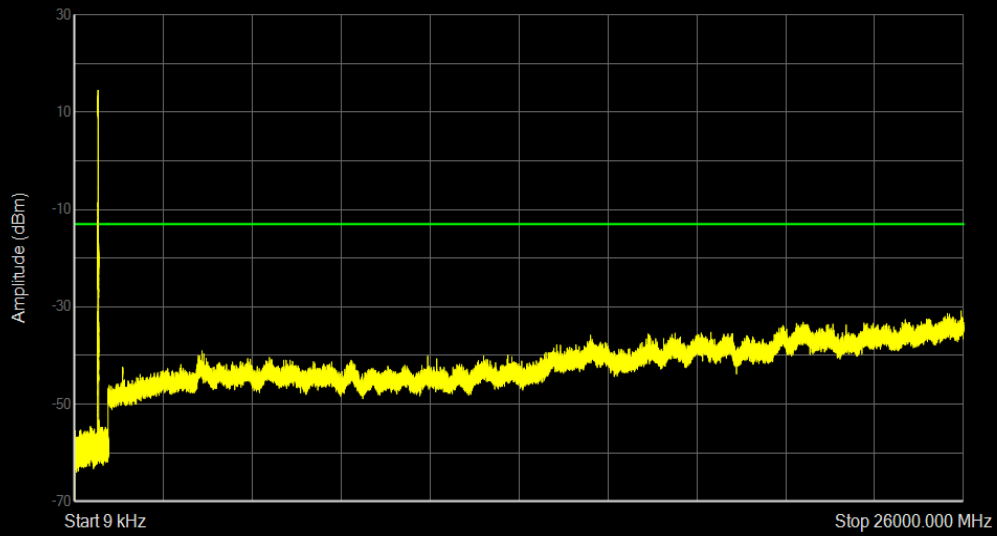
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01071315	-24.53	-13
2	0.15	30	10	0.16194	-28.76	-13
3	30	1000	100	480.24975	-54.38	-13
4	1000	26000	1000	25931.875	-30.24	-13

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



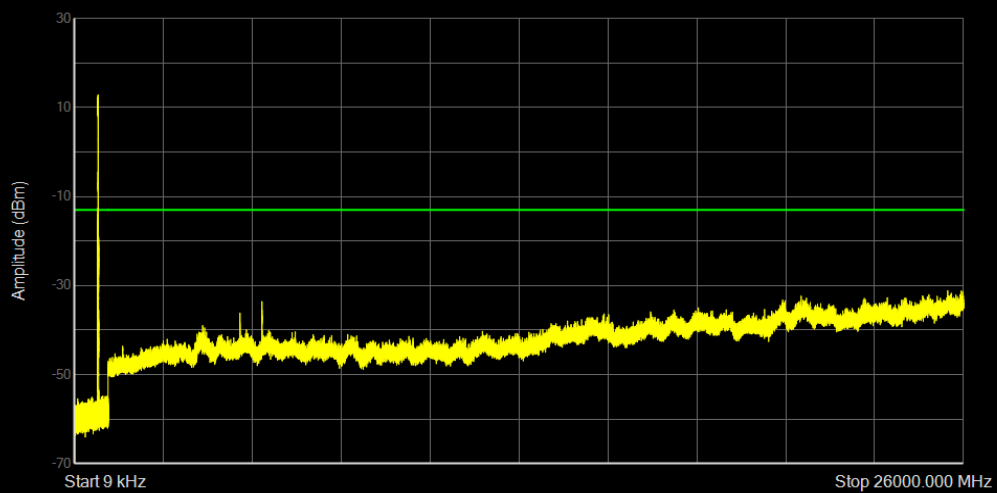
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01666335	-31.03	-13
2	0.15	30	10	0.15970125	-25.43	-13
3	30	1000	100	253.488	-54.76	-13
4	1000	26000	1000	25973.75	-31.29	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010420575	-33.02	-13
2	0.15	30	10	0.1544775	-36.08	-13
3	30	1000	100	485.24525	-54.6	-13
4	1000	26000	1000	25926.875	-30.84	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01320885	-31.14	-13
2	0.15	30	10	0.158955	-38.18	-13
3	30	1000	100	848.26775	-54.82	-13
4	1000	26000	1000	25536.875	-31.13	-13

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