

Appendix for Band 7

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

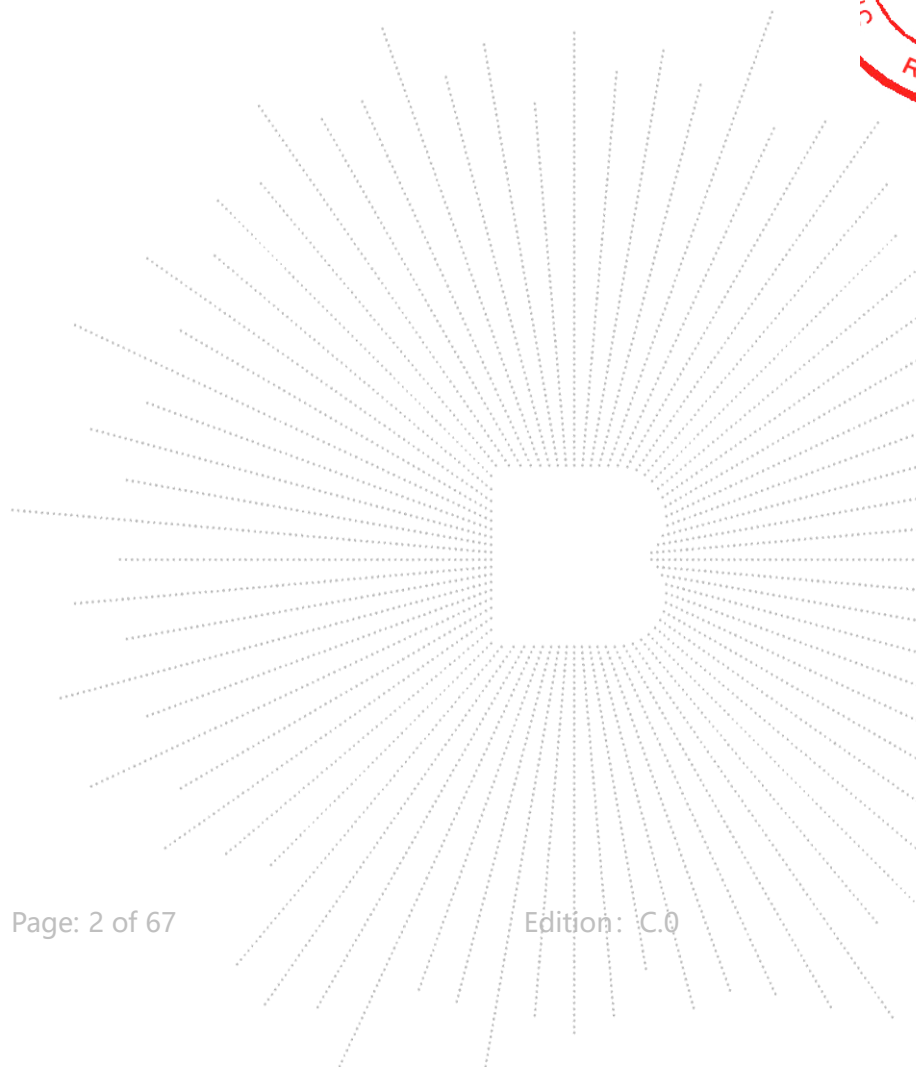
Shenzhen BCTC Testing Co., Ltd.





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Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	22.85	PASS
Band7	5	20775	1	#Mid	QPSK	22.83	PASS
Band7	5	20775	1	#Max	QPSK	22.81	PASS
Band7	5	20775	12	#0	QPSK	21.82	PASS
Band7	5	20775	12	#Mid	QPSK	21.72	PASS
Band7	5	20775	12	#Max	QPSK	21.73	PASS
Band7	5	20775	25	#0	QPSK	21.80	PASS
Band7	5	20775	1	#0	16QAM	21.98	PASS
Band7	5	20775	1	#Mid	16QAM	21.98	PASS
Band7	5	20775	1	#Max	16QAM	21.97	PASS
Band7	5	20775	12	#0	16QAM	20.76	PASS
Band7	5	20775	12	#Mid	16QAM	20.75	PASS
Band7	5	20775	12	#Max	16QAM	20.67	PASS
Band7	5	20775	25	#0	16QAM	21.04	PASS
Band7	5	21100	1	#0	QPSK	22.64	PASS
Band7	5	21100	1	#Mid	QPSK	22.64	PASS
Band7	5	21100	1	#Max	QPSK	22.66	PASS
Band7	5	21100	12	#0	QPSK	21.65	PASS
Band7	5	21100	12	#Mid	QPSK	21.62	PASS
Band7	5	21100	12	#Max	QPSK	21.63	PASS
Band7	5	21100	25	#0	QPSK	21.64	PASS
Band7	5	21100	1	#0	16QAM	21.42	PASS
Band7	5	21100	1	#Mid	16QAM	21.50	PASS
Band7	5	21100	1	#Max	16QAM	21.39	PASS
Band7	5	21100	12	#0	16QAM	20.66	PASS
Band7	5	21100	12	#Mid	16QAM	20.60	PASS
Band7	5	21100	12	#Max	16QAM	20.70	PASS
Band7	5	21100	25	#0	16QAM	20.89	PASS
Band7	5	21425	1	#0	QPSK	22.39	PASS
Band7	5	21425	1	#Mid	QPSK	22.40	PASS
Band7	5	21425	1	#Max	QPSK	22.39	PASS
Band7	5	21425	12	#0	QPSK	21.65	PASS
Band7	5	21425	12	#Mid	QPSK	21.57	PASS
Band7	5	21425	12	#Max	QPSK	21.56	PASS
Band7	5	21425	25	#0	QPSK	21.58	PASS
Band7	5	21425	1	#0	16QAM	21.85	PASS
Band7	5	21425	1	#Mid	16QAM	21.88	PASS
Band7	5	21425	1	#Max	16QAM	21.78	PASS
Band7	5	21425	12	#0	16QAM	20.63	PASS
Band7	5	21425	12	#Mid	16QAM	20.68	PASS

Band7	5	21425	12	#Max	16QAM	20.73	PASS
Band7	5	21425	25	#0	16QAM	20.70	PASS
Band7	10	20800	1	#0	QPSK	22.66	PASS
Band7	10	20800	1	#Mid	QPSK	22.62	PASS
Band7	10	20800	1	#Max	QPSK	22.71	PASS
Band7	10	20800	25	#0	QPSK	21.74	PASS
Band7	10	20800	25	#Mid	QPSK	21.77	PASS
Band7	10	20800	25	#Max	QPSK	21.77	PASS
Band7	10	20800	50	#0	QPSK	21.74	PASS
Band7	10	20800	1	#0	16QAM	23.03	PASS
Band7	10	20800	1	#Mid	16QAM	23.04	PASS
Band7	10	20800	1	#Max	16QAM	22.99	PASS
Band7	10	20800	25	#0	16QAM	20.68	PASS
Band7	10	20800	25	#Mid	16QAM	20.74	PASS
Band7	10	20800	25	#Max	16QAM	20.76	PASS
Band7	10	20800	50	#0	16QAM	20.88	PASS
Band7	10	21100	1	#0	QPSK	22.64	PASS
Band7	10	21100	1	#Mid	QPSK	22.64	PASS
Band7	10	21100	1	#Max	QPSK	22.77	PASS
Band7	10	21100	25	#0	QPSK	21.60	PASS
Band7	10	21100	25	#Mid	QPSK	21.65	PASS
Band7	10	21100	25	#Max	QPSK	21.64	PASS
Band7	10	21100	50	#0	QPSK	21.60	PASS
Band7	10	21100	1	#0	16QAM	21.80	PASS
Band7	10	21100	1	#Mid	16QAM	21.86	PASS
Band7	10	21100	1	#Max	16QAM	21.69	PASS
Band7	10	21100	25	#0	16QAM	20.77	PASS
Band7	10	21100	25	#Mid	16QAM	20.74	PASS
Band7	10	21100	25	#Max	16QAM	20.80	PASS
Band7	10	21100	50	#0	16QAM	20.86	PASS
Band7	10	21400	1	#0	QPSK	22.76	PASS
Band7	10	21400	1	#Mid	QPSK	22.79	PASS
Band7	10	21400	1	#Max	QPSK	22.75	PASS
Band7	10	21400	25	#0	QPSK	21.52	PASS
Band7	10	21400	25	#Mid	QPSK	21.60	PASS
Band7	10	21400	25	#Max	QPSK	21.57	PASS
Band7	10	21400	50	#0	QPSK	21.61	PASS
Band7	10	21400	1	#0	16QAM	21.69	PASS
Band7	10	21400	1	#Mid	16QAM	21.71	PASS
Band7	10	21400	1	#Max	16QAM	21.73	PASS
Band7	10	21400	25	#0	16QAM	20.66	PASS
Band7	10	21400	25	#Mid	16QAM	20.85	PASS
Band7	10	21400	25	#Max	16QAM	20.68	PASS
Band7	10	21400	50	#0	16QAM	20.75	PASS

Band7	15	20825	1	#0	QPSK	22.77	PASS
Band7	15	20825	1	#Mid	QPSK	22.77	PASS
Band7	15	20825	1	#Max	QPSK	22.86	PASS
Band7	15	20825	36	#0	QPSK	21.76	PASS
Band7	15	20825	36	#Mid	QPSK	21.80	PASS
Band7	15	20825	36	#Max	QPSK	21.72	PASS
Band7	15	20825	75	#0	QPSK	21.70	PASS
Band7	15	20825	1	#0	16QAM	23.12	PASS
Band7	15	20825	1	#Mid	16QAM	23.17	PASS
Band7	15	20825	1	#Max	16QAM	23.03	PASS
Band7	15	20825	36	#0	16QAM	20.95	PASS
Band7	15	20825	36	#Mid	16QAM	20.85	PASS
Band7	15	20825	36	#Max	16QAM	20.91	PASS
Band7	15	20825	75	#0	16QAM	20.92	PASS
Band7	15	21100	1	#0	QPSK	22.72	PASS
Band7	15	21100	1	#Mid	QPSK	22.67	PASS
Band7	15	21100	1	#Max	QPSK	22.64	PASS
Band7	15	21100	36	#0	QPSK	21.70	PASS
Band7	15	21100	36	#Mid	QPSK	21.61	PASS
Band7	15	21100	36	#Max	QPSK	21.59	PASS
Band7	15	21100	75	#0	QPSK	21.74	PASS
Band7	15	21100	1	#0	16QAM	21.79	PASS
Band7	15	21100	1	#Mid	16QAM	21.75	PASS
Band7	15	21100	1	#Max	16QAM	21.60	PASS
Band7	15	21100	36	#0	16QAM	20.99	PASS
Band7	15	21100	36	#Mid	16QAM	20.88	PASS
Band7	15	21100	36	#Max	16QAM	20.87	PASS
Band7	15	21100	75	#0	16QAM	20.86	PASS
Band7	15	21375	1	#0	QPSK	22.73	PASS
Band7	15	21375	1	#Mid	QPSK	22.69	PASS
Band7	15	21375	1	#Max	QPSK	22.73	PASS
Band7	15	21375	36	#0	QPSK	21.51	PASS
Band7	15	21375	36	#Mid	QPSK	21.64	PASS
Band7	15	21375	36	#Max	QPSK	21.66	PASS
Band7	15	21375	75	#0	QPSK	21.57	PASS
Band7	15	21375	1	#0	16QAM	22.36	PASS
Band7	15	21375	1	#Mid	16QAM	22.33	PASS
Band7	15	21375	1	#Max	16QAM	22.39	PASS
Band7	15	21375	36	#0	16QAM	20.65	PASS
Band7	15	21375	36	#Mid	16QAM	20.72	PASS
Band7	15	21375	36	#Max	16QAM	20.58	PASS
Band7	15	21375	75	#0	16QAM	20.75	PASS
Band7	20	20850	1	#0	QPSK	22.66	PASS
Band7	20	20850	1	#Mid	QPSK	22.70	PASS

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Band7	20	20850	1	#Max	QPSK	22.70	PASS
Band7	20	20850	50	#0	QPSK	21.84	PASS
Band7	20	20850	50	#Mid	QPSK	21.87	PASS
Band7	20	20850	50	#Max	QPSK	21.67	PASS
Band7	20	20850	100	#0	QPSK	21.70	PASS
Band7	20	20850	1	#0	16QAM	21.61	PASS
Band7	20	20850	1	#Mid	16QAM	21.61	PASS
Band7	20	20850	1	#Max	16QAM	22.34	PASS
Band7	20	20850	50	#0	16QAM	21.03	PASS
Band7	20	20850	50	#Mid	16QAM	20.98	PASS
Band7	20	20850	50	#Max	16QAM	21.04	PASS
Band7	20	20850	100	#0	16QAM	20.99	PASS
Band7	20	21100	1	#0	QPSK	22.88	PASS
Band7	20	21100	1	#Mid	QPSK	22.85	PASS
Band7	20	21100	1	#Max	QPSK	22.71	PASS
Band7	20	21100	50	#0	QPSK	21.63	PASS
Band7	20	21100	50	#Mid	QPSK	21.63	PASS
Band7	20	21100	50	#Max	QPSK	21.72	PASS
Band7	20	21100	100	#0	QPSK	21.74	PASS
Band7	20	21100	1	#0	16QAM	22.12	PASS
Band7	20	21100	1	#Mid	16QAM	22.07	PASS
Band7	20	21100	1	#Max	16QAM	21.92	PASS
Band7	20	21100	50	#0	16QAM	20.84	PASS
Band7	20	21100	50	#Mid	16QAM	20.71	PASS
Band7	20	21100	50	#Max	16QAM	20.84	PASS
Band7	20	21100	100	#0	16QAM	20.67	PASS
Band7	20	21350	1	#0	QPSK	22.77	PASS
Band7	20	21350	1	#Mid	QPSK	22.75	PASS
Band7	20	21350	1	#Max	QPSK	22.85	PASS
Band7	20	21350	50	#0	QPSK	21.60	PASS
Band7	20	21350	50	#Mid	QPSK	21.60	PASS
Band7	20	21350	50	#Max	QPSK	21.45	PASS
Band7	20	21350	100	#0	QPSK	21.65	PASS
Band7	20	21350	1	#0	16QAM	21.68	PASS
Band7	20	21350	1	#Mid	16QAM	21.54	PASS
Band7	20	21350	1	#Max	16QAM	21.57	PASS
Band7	20	21350	50	#0	16QAM	20.63	PASS
Band7	20	21350	50	#Mid	16QAM	20.73	PASS
Band7	20	21350	50	#Max	16QAM	20.66	PASS
Band7	20	21350	100	#0	16QAM	20.78	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
Band7	5	20775	25	#0	QPSK	LV	NT	-20.40	-0.008	-2.5	2.5	PASS
Band7	5	20775	25	#0	QPSK	NV	NT	-23.66	-0.009	-2.5	2.5	PASS
Band7	5	20775	25	#0	QPSK	HV	NT	-15.42	-0.006	-2.5	2.5	PASS
Band7	5	20775	25	#0	16QAM	LV	NT	-10.40	-0.004	-2.5	2.5	PASS
Band7	5	20775	25	#0	16QAM	NV	NT	-5.26	-0.002	-2.5	2.5	PASS
Band7	5	20775	25	#0	16QAM	HV	NT	-0.26	0.000	-2.5	2.5	PASS
Band7	5	21100	25	#0	QPSK	LV	NT	4.35	0.002	-2.5	2.5	PASS
Band7	5	21100	25	#0	QPSK	NV	NT	0.29	0.000	-2.5	2.5	PASS
Band7	5	21100	25	#0	QPSK	HV	NT	2.36	0.001	-2.5	2.5	PASS
Band7	5	21100	25	#0	16QAM	LV	NT	5.28	0.002	-2.5	2.5	PASS
Band7	5	21100	25	#0	16QAM	NV	NT	9.44	0.004	-2.5	2.5	PASS
Band7	5	21100	25	#0	16QAM	HV	NT	13.07	0.005	-2.5	2.5	PASS
Band7	5	21425	25	#0	QPSK	LV	NT	24.68	0.010	-2.5	2.5	PASS
Band7	5	21425	25	#0	QPSK	NV	NT	17.37	0.007	-2.5	2.5	PASS
Band7	5	21425	25	#0	QPSK	HV	NT	16.47	0.006	-2.5	2.5	PASS
Band7	5	21425	25	#0	16QAM	LV	NT	19.33	0.008	-2.5	2.5	PASS
Band7	5	21425	25	#0	16QAM	NV	NT	24.73	0.010	-2.5	2.5	PASS
Band7	5	21425	25	#0	16QAM	HV	NT	24.93	0.010	-2.5	2.5	PASS



Ban d7	10	20800	50	#0	QPSK	LV	NT	-3.6 5	-0.0 01	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	QPSK	NV	NT	-14. 69	-0.0 06	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	QPSK	HV	NT	-7.1 4	-0.0 03	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	LV	NT	-4.4 3	-0.0 02	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	NV	NT	2.72	0.00 1	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	HV	NT	6.59	0.00 3	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	LV	NT	-8.1 8	-0.0 03	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	NV	NT	-10. 71	-0.0 04	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	HV	NT	-7.3 8	-0.0 03	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	16QAM	LV	NT	-1.5 4	-0.0 01	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	16QAM	NV	NT	2.26	0.00 1	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	16QAM	HV	NT	4.45	0.00 2	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	LV	NT	-6.7 5	-0.0 03	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	NV	NT	-10. 39	-0.0 04	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	HV	NT	-7.0 5	-0.0 03	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	LV	NT	-6.7 9	-0.0 03	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	NV	NT	-0.8 3	0.00 0	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	HV	NT	0.43	0.00 0	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	QPSK	LV	NT	12.9 0	0.00 5	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	QPSK	NV	NT	9.04	0.00 4	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	QPSK	HV	NT	18.1 7	0.00 7	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	16QAM	LV	NT	26.7 1	0.01 1	-2.5	2.5	PAS S





Ban d7	15	20825	75	#0	16QAM	NV	NT	34.3 6	0.01 4	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	16QAM	HV	NT	41.4 4	0.01 7	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	QPSK	LV	NT	-7.3 4	-0.0 03	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	QPSK	NV	NT	-7.5 2	-0.0 03	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	QPSK	HV	NT	-1.5 9	-0.0 01	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	LV	NT	4.71 2	0.00 2	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	NV	NT	7.30 3	0.00 3	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	HV	NT	8.11 3	0.00 3	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	LV	NT	-14. 78	-0.0 06	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	NV	NT	-18. 42	-0.0 07	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	HV	NT	-13. 79	-0.0 05	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	16QAM	LV	NT	-9.9 4	-0.0 04	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	16QAM	NV	NT	-0.5 6	0.00 0	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	16QAM	HV	NT	2.50 1	0.00 1	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	LV	NT	-10. 99	-0.0 04	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	NV	NT	-10. 16	-0.0 04	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	HV	NT	-2.1 5	-0.0 01	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	LV	NT	6.58 3	0.00 3	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	NV	NT	14.6 3	0.00 6	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	HV	NT	20.3 6	0.00 8	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	QPSK	LV	NT	10.5 4	0.00 4	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	QPSK	NV	NT	14.4 1	0.00 6	-2.5	2.5	PAS S

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Ban d7	20	21100	10 0	#0	QPSK	HV	NT	21.3 1	0.00 8	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	LV	NT	29.8 4	0.01 2	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	NV	NT	32.2 9	0.01 3	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	HV	NT	31.6 1	0.01 2	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	LV	NT	-2.4 5	-0.0 01	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	NV	NT	-1.8 7	-0.0 01	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	HV	NT	2.96	0.00 1	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	16QAM	LV	NT	9.87	0.00 4	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	16QAM	NV	NT	19.9 0	0.00 8	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	16QAM	HV	NT	25.3 5	0.01 0	-2.5	2.5	PAS S

Ban d	Bandwi dth (MHz)	UL Chann el	RB Siz e	RB Positi on	Modulati on	Volta ge (Vdc)	Temperat ue (C)	Res ult (Hz)	Res ult (pp m)	Low Limi t (pp m)	high Limi t (pp m)	Verdi ct
Ban d7	5	20775	25	#0	QPSK	NV	-30	46.3 2	0.01 9	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	QPSK	NV	-20	40.4 3	0.01 6	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	QPSK	NV	0	36.9 2	0.01 5	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	QPSK	NV	10	33.8 7	0.01 4	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	QPSK	NV	20	34.0 2	0.01 4	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	QPSK	NV	30	30.7 6	0.01 2	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	QPSK	NV	40	29.6 1	0.01 2	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	QPSK	NV	50	26.8 7	0.01 1	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	16QAM	NV	-30	24.4 6	0.01 0	-2.5	2.5	PAS S



Ban d7	5	20775	25	#0	16QAM	NV	-20	24.9 6	0.01 0	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	16QAM	NV	0	24.9 3	0.01 0	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	16QAM	NV	10	25.2 2	0.01 0	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	16QAM	NV	20	21.0 6	0.00 8	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	16QAM	NV	30	25.1 8	0.01 0	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	16QAM	NV	40	25.1 2	0.01 0	-2.5	2.5	PAS S
Ban d7	5	20775	25	#0	16QAM	NV	50	27.2 9	0.01 1	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	QPSK	NV	-30	29.6 0	0.01 2	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	QPSK	NV	-20	25.1 9	0.01 0	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	QPSK	NV	0	24.1 5	0.01 0	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	QPSK	NV	10	25.8 4	0.01 0	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	QPSK	NV	20	20.3 8	0.00 8	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	QPSK	NV	30	18.8 3	0.00 7	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	QPSK	NV	40	17.6 2	0.00 7	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	QPSK	NV	50	16.8 5	0.00 7	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	16QAM	NV	-30	11.8 4	0.00 5	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	16QAM	NV	-20	13.6 6	0.00 5	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	16QAM	NV	0	12.4 5	0.00 5	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	16QAM	NV	10	15.7 5	0.00 6	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	16QAM	NV	20	13.4 8	0.00 5	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	16QAM	NV	30	15.7 9	0.00 6	-2.5	2.5	PAS S
Ban d7	5	21100	25	#0	16QAM	NV	40	18.0 4	0.00 7	-2.5	2.5	PAS S

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Ban d7	5	21100	25	#0	16QAM	NV	50	16.8 5	0.00 7	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	QPSK	NV	-30	18.9 4	0.00 7	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	QPSK	NV	-20	15.7 6	0.00 6	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	QPSK	NV	0	16.2 9	0.00 6	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	QPSK	NV	10	15.7 6	0.00 6	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	QPSK	NV	20	8.73	0.00 3	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	QPSK	NV	30	9.07	0.00 4	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	QPSK	NV	40	5.29	0.00 2	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	QPSK	NV	50	4.72	0.00 2	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	16QAM	NV	-30	2.22	0.00 1	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	16QAM	NV	-20	1.40	0.00 1	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	16QAM	NV	0	1.29	0.00 1	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	16QAM	NV	10	2.70	0.00 1	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	16QAM	NV	20	3.88	0.00 2	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	16QAM	NV	30	3.25	0.00 1	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	16QAM	NV	40	5.82	0.00 2	-2.5	2.5	PAS S
Ban d7	5	21425	25	#0	16QAM	NV	50	5.38	0.00 2	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	QPSK	NV	-30	0.49	0.00 0	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	QPSK	NV	-20	-13. 72	-0.0 05	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	QPSK	NV	0	-14. 16	-0.0 06	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	QPSK	NV	10	-13. 13	-0.0 05	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	QPSK	NV	20	-14. 32	-0.0 06	-2.5	2.5	PAS S



Ban d7	10	20800	50	#0	QPSK	NV	30	-16. 59	-0.0 07	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	QPSK	NV	40	-21. 60	-0.0 09	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	QPSK	NV	50	-27. 92	-0.01 1	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	NV	-30	-32. 29	-0.0 13	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	NV	-20	-31. 63	-0.0 13	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	NV	0	-33. 75	-0.0 13	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	NV	10	-36. 49	-0.0 15	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	NV	20	-40. 10	-0.0 16	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	NV	30	-41. 50	-0.0 17	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	NV	40	-42. 51	-0.0 17	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	NV	50	-43. 20	-0.0 17	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	NV	-30	-45. 63	-0.0 18	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	NV	-20	-17. 19	-0.0 07	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	NV	0	-5.0 2	-0.0 02	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	NV	10	-9.7 3	-0.0 04	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	NV	20	-17. 14	-0.0 07	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	NV	30	-24. 38	-0.0 10	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	NV	40	-28. 87	-0.01 1	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	NV	50	-35. 22	-0.0 14	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	16QAM	NV	-30	-37. 98	-0.0 15	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	16QAM	NV	-20	-37.1 1	-0.0 15	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	16QAM	NV	0	-35. 86	-0.0 14	-2.5	2.5	PAS S

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Ban d7	10	21100	50	#0	16QAM	NV	10	-36. 81	-0.0 15	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	16QAM	NV	20	-34. 49	-0.0 14	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	16QAM	NV	30	-35. 10	-0.0 14	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	16QAM	NV	40	-34. 40	-0.0 14	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	16QAM	NV	50	-31. 47	-0.0 12	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	NV	-30	-29. 84	-0.0 12	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	NV	-20	-30. 47	-0.0 12	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	NV	0	-34. 55	-0.0 13	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	NV	10	-39. 74	-0.0 15	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	NV	20	-41. 36	-0.0 16	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	NV	30	-44. 26	-0.0 17	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	NV	40	-44. 63	-0.0 17	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	NV	50	-49. 95	-0.0 19	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	NV	-30	7.94	0.00 3	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	NV	-20	5.44	0.00 2	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	NV	0	8.10	0.00 3	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	NV	10	10.8 6	0.00 4	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	NV	20	7.34	0.00 3	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	NV	30	11.3 2	0.00 4	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	NV	40	9.46	0.00 4	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	NV	50	15.9 8	0.00 6	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	QPSK	NV	-30	-13. 25	-0.0 05	-2.5	2.5	PAS S





Ban d7	15	20825	75	#0	QPSK	NV	-20	-23. 13	-0.0 09	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	QPSK	NV	0	-31. 89	-0.0 13	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	QPSK	NV	10	-37. 19	-0.0 15	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	QPSK	NV	20	-42. 80	-0.0 17	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	QPSK	NV	30	-13. 22	-0.0 05	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	QPSK	NV	40	-0.1 6	0.00 0	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	QPSK	NV	50	-9.0 1	-0.0 04	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	16QAM	NV	-30	-17. 81	-0.0 07	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	16QAM	NV	-20	-19. 81	-0.0 08	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	16QAM	NV	0	-20. 60	-0.0 08	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	16QAM	NV	10	-21. 54	-0.0 09	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	16QAM	NV	20	-22. 72	-0.0 09	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	16QAM	NV	30	-20. 38	-0.0 08	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	16QAM	NV	40	-20. 26	-0.0 08	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	16QAM	NV	50	-17. 05	-0.0 07	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	QPSK	NV	-30	-19. 44	-0.0 08	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	QPSK	NV	-20	-25. 08	-0.0 10	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	QPSK	NV	0	-29. 53	-0.0 12	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	QPSK	NV	10	-34. 12	-0.0 13	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	QPSK	NV	20	-41. 33	-0.0 16	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	QPSK	NV	30	-48. 29	-0.0 19	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	QPSK	NV	40	3.49	0.00 1	-2.5	2.5	PAS S



Ban d7	15	21100	75	#0	QPSK	NV	50	-5.1 5	-0.0 02	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	NV	-30	-9.8 0	-0.0 04	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	NV	-20	-8.5 1	-0.0 03	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	NV	0	-9.3 3	-0.0 04	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	NV	10	-11.1 0	-0.0 04	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	NV	20	-7.5 0	-0.0 03	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	NV	30	-3.0 2	-0.0 01	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	NV	40	0.44	0.00 0	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	NV	50	6.02	0.00 2	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	NV	-30	4.42	0.00 2	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	NV	-20	1.85	0.00 1	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	NV	0	-2.5 7	-0.0 01	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	NV	10	-3.4 3	-0.0 01	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	NV	20	-10. 63	-0.0 04	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	NV	30	-15. 95	-0.0 06	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	NV	40	-22. 83	-0.0 09	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	NV	50	-29. 20	-0.01 1	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	16QAM	NV	-30	-33. 33	-0.0 13	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	16QAM	NV	-20	-30. 90	-0.0 12	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	16QAM	NV	0	-31. 81	-0.0 12	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	16QAM	NV	10	-24. 75	-0.0 10	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	16QAM	NV	20	-26. 39	-0.0 10	-2.5	2.5	PAS S



Ban d7	15	21375	75	#0	16QAM	NV	30	-23. 63	-0.0 09	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	16QAM	NV	40	-21. 21	-0.0 08	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	16QAM	NV	50	-18. 34	-0.0 07	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	NV	-30	7.68	0.00 3	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	NV	-20	-5.9 4	-0.0 02	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	NV	0	-12. 96	-0.0 05	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	NV	10	-20. 79	-0.0 08	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	NV	20	-29. 17	-0.0 12	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	NV	30	-35. 16	-0.0 14	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	NV	40	-45. 40	-0.0 18	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	NV	50	-13. 75	-0.0 05	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	NV	-30	-11.8 7	-0.0 05	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	NV	-20	-10. 60	-0.0 04	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	NV	0	-13. 88	-0.0 06	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	NV	10	-13. 89	-0.0 06	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	NV	20	-10. 03	-0.0 04	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	NV	30	-5.3 2	-0.0 02	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	NV	40	-3.2 6	-0.0 01	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	NV	50	-5.11	-0.0 02	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	QPSK	NV	-30	-0.4 7	0.00 0	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	QPSK	NV	-20	-6.6 9	-0.0 03	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	QPSK	NV	0	-13. 83	-0.0 05	-2.5	2.5	PAS S

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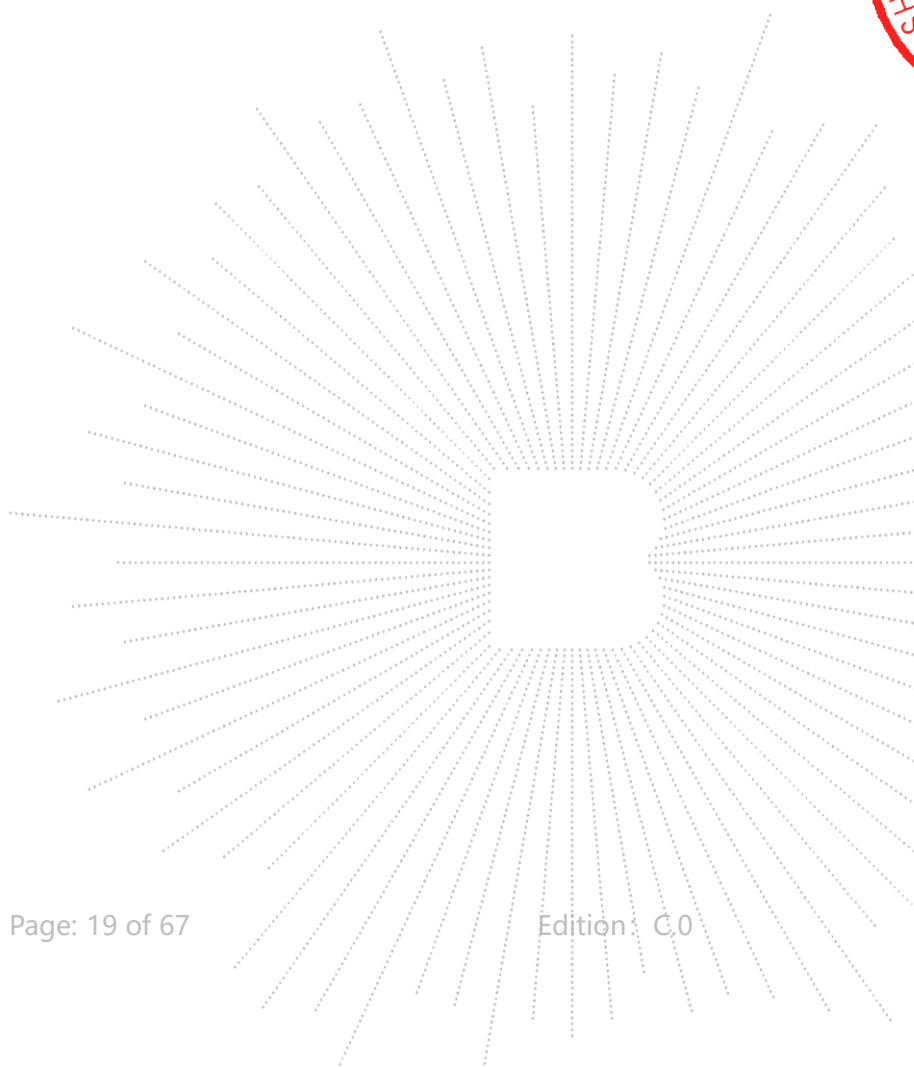


Ban d7	20	21100	10 0	#0	QPSK	NV	10	-18. 61	-0.0 07	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	QPSK	NV	20	-23. 62	-0.0 09	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	QPSK	NV	30	-32. 39	-0.0 13	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	QPSK	NV	40	-42. 03	-0.0 17	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	QPSK	NV	50	-45. 28	-0.0 18	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	NV	-30	-21. 93	-0.0 09	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	NV	-20	10.4 7	0.00 4	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	NV	0	12.1 5	0.00 5	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	NV	10	11.4 0	0.00 4	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	NV	20	14.1 6	0.00 6	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	NV	30	18.1 2	0.00 7	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	NV	40	23.5 9	0.00 9	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	NV	50	33.3 2	0.01 3	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	NV	-30	33.2 6	0.01 3	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	NV	-20	34.8 3	0.01 4	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	NV	0	31.3 7	0.01 2	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	NV	10	23.6 0	0.00 9	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	NV	20	20.2 7	0.00 8	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	NV	30	13.9 8	0.00 5	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	NV	40	6.02 2	0.00 2	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	NV	50	-1.2 6	0.00 0	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	16QAM	NV	-30	-10. 07	-0.0 04	-2.5	2.5	PAS S

CO., LTD.

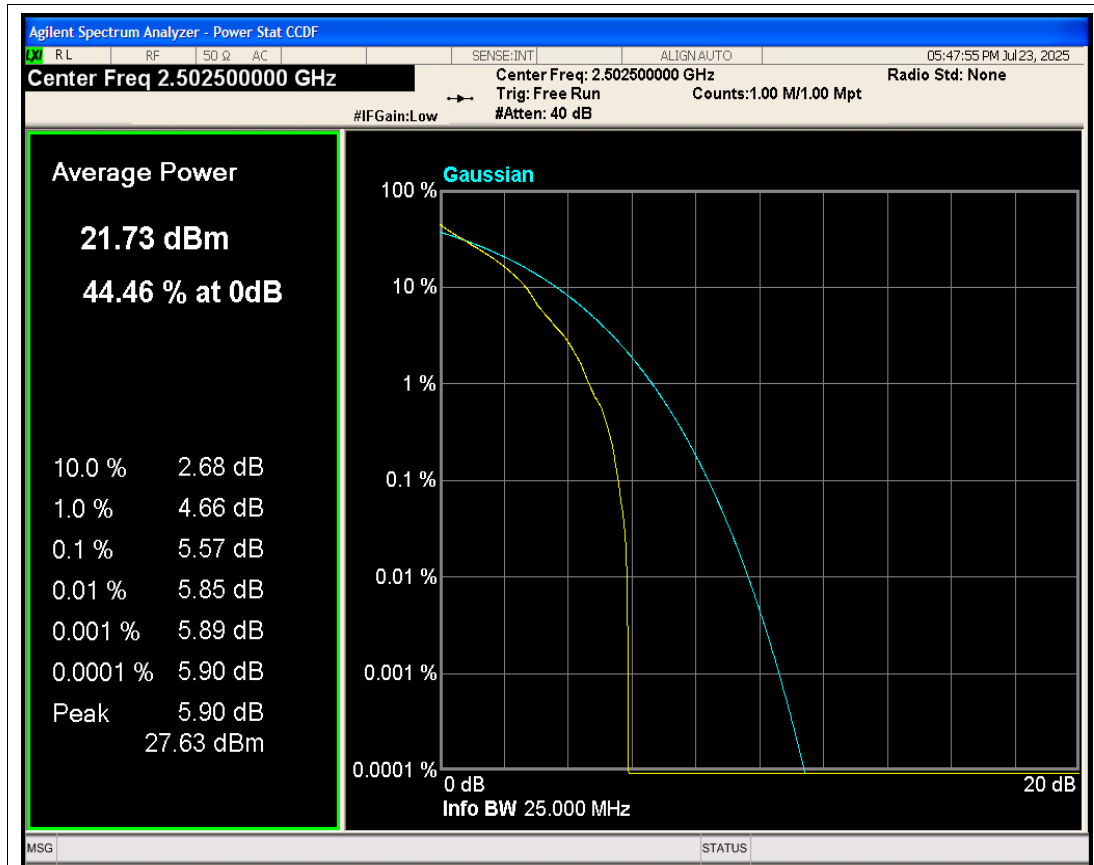
Ban d7	20	21350	10 0	#0	16QAM	NV	-20	-7.7 2	-0.0 03	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	16QAM	NV	0	-9.9 7	-0.0 04	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	16QAM	NV	10	-6.8 7	-0.0 03	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	16QAM	NV	20	-7.3 8	-0.0 03	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	16QAM	NV	30	-0.1 4	0.00 0	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	16QAM	NV	40	0.01	0.00 0	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	16QAM	NV	50	4.18	0.00 2	-2.5	2.5	PAS S

CHENZHEN

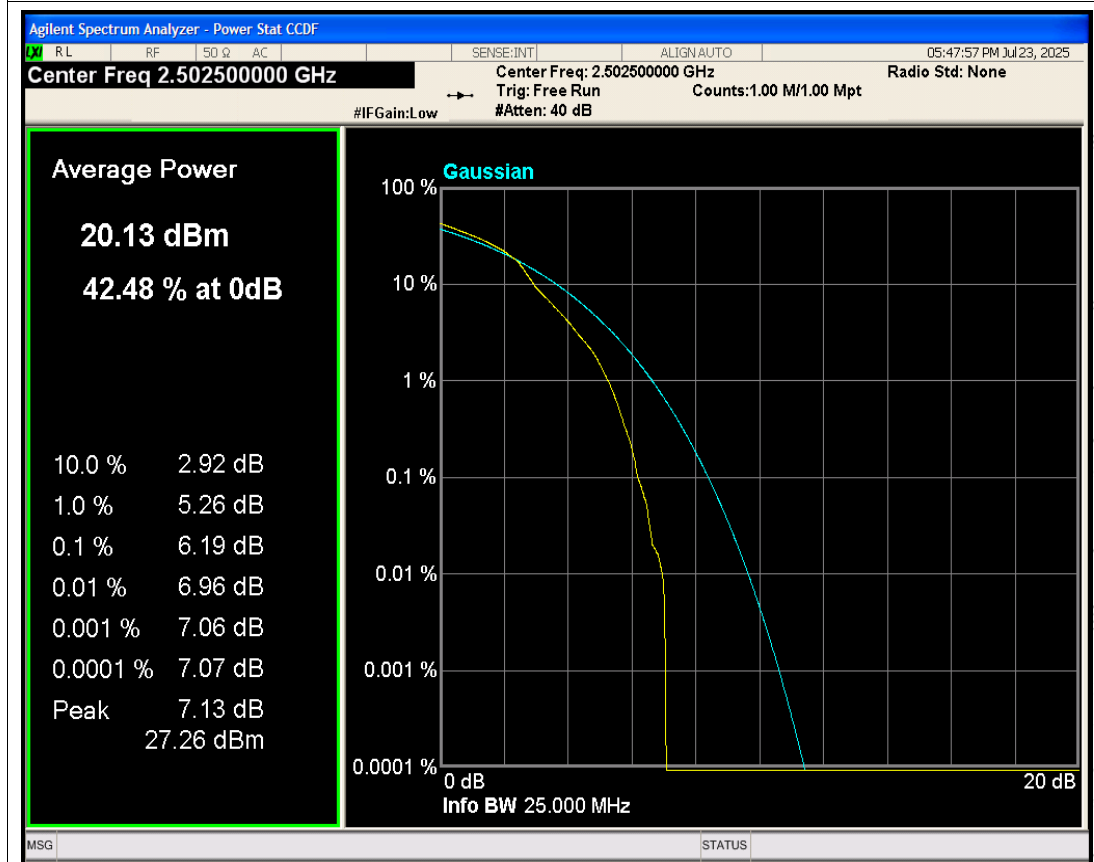


Appendix 3. Peak-to-Average Ratio

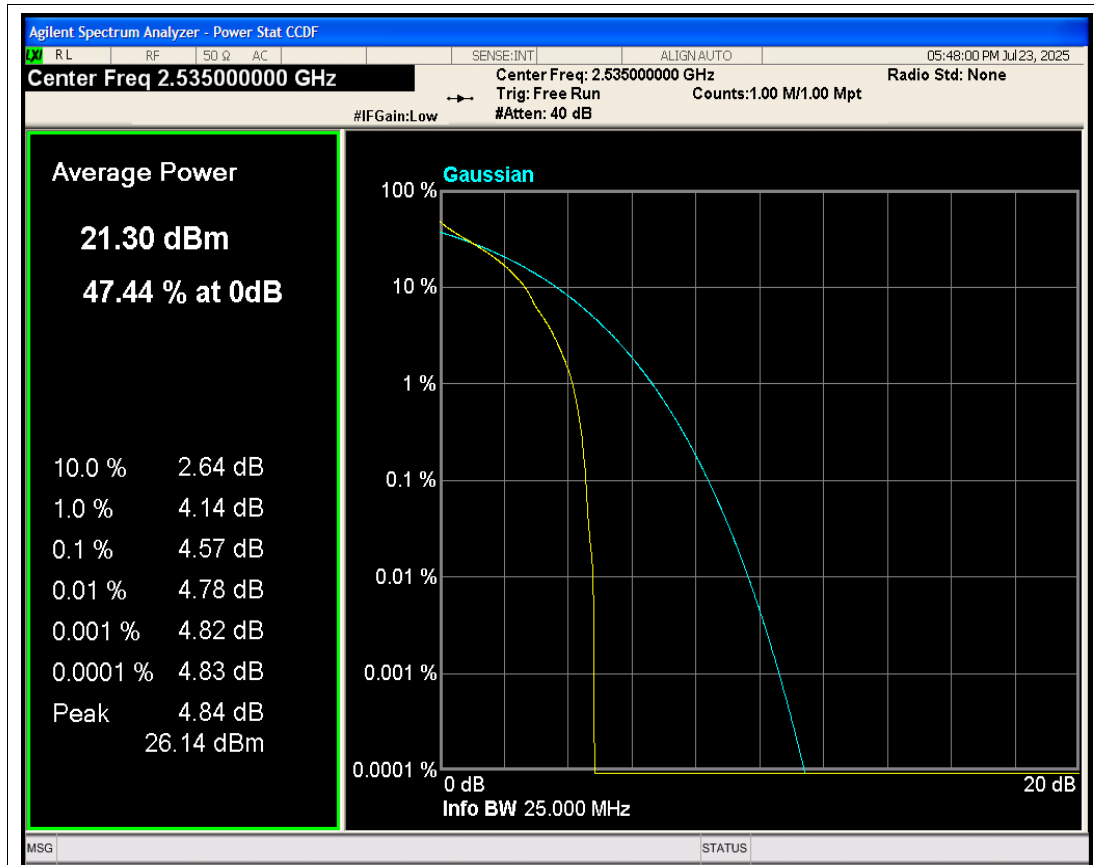
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	<i>Verdict</i>
Band7	5	20775	1	#0	QPSK	5.57	13	PASS
Band7	5	20775	1	#0	16QAM	6.19	13	PASS
Band7	5	21100	1	#0	QPSK	4.57	13	PASS
Band7	5	21100	1	#0	16QAM	5.35	13	PASS
Band7	5	21425	1	#0	QPSK	4.69	13	PASS
Band7	5	21425	1	#0	16QAM	5.57	13	PASS
Band7	10	20800	1	#0	QPSK	5.50	13	PASS
Band7	10	20800	1	#0	16QAM	6.45	13	PASS
Band7	10	21100	1	#0	QPSK	4.78	13	PASS
Band7	10	21100	1	#0	16QAM	5.63	13	PASS
Band7	10	21400	1	#0	QPSK	5.15	13	PASS
Band7	10	21400	1	#0	16QAM	6.01	13	PASS
Band7	15	20825	1	#0	QPSK	5.50	13	PASS
Band7	15	20825	1	#0	16QAM	6.58	13	PASS
Band7	15	21100	1	#0	QPSK	5.01	13	PASS
Band7	15	21100	1	#0	16QAM	5.72	13	PASS
Band7	15	21375	1	#0	QPSK	5.52	13	PASS
Band7	15	21375	1	#0	16QAM	6.37	13	PASS
Band7	20	20850	1	#0	QPSK	5.26	13	PASS
Band7	20	20850	1	#0	16QAM	6.09	13	PASS
Band7	20	21100	1	#0	QPSK	5.22	13	PASS
Band7	20	21100	1	#0	16QAM	6.13	13	PASS
Band7	20	21350	1	#0	QPSK	5.85	13	PASS
Band7	20	21350	1	#0	16QAM	6.99	13	PASS



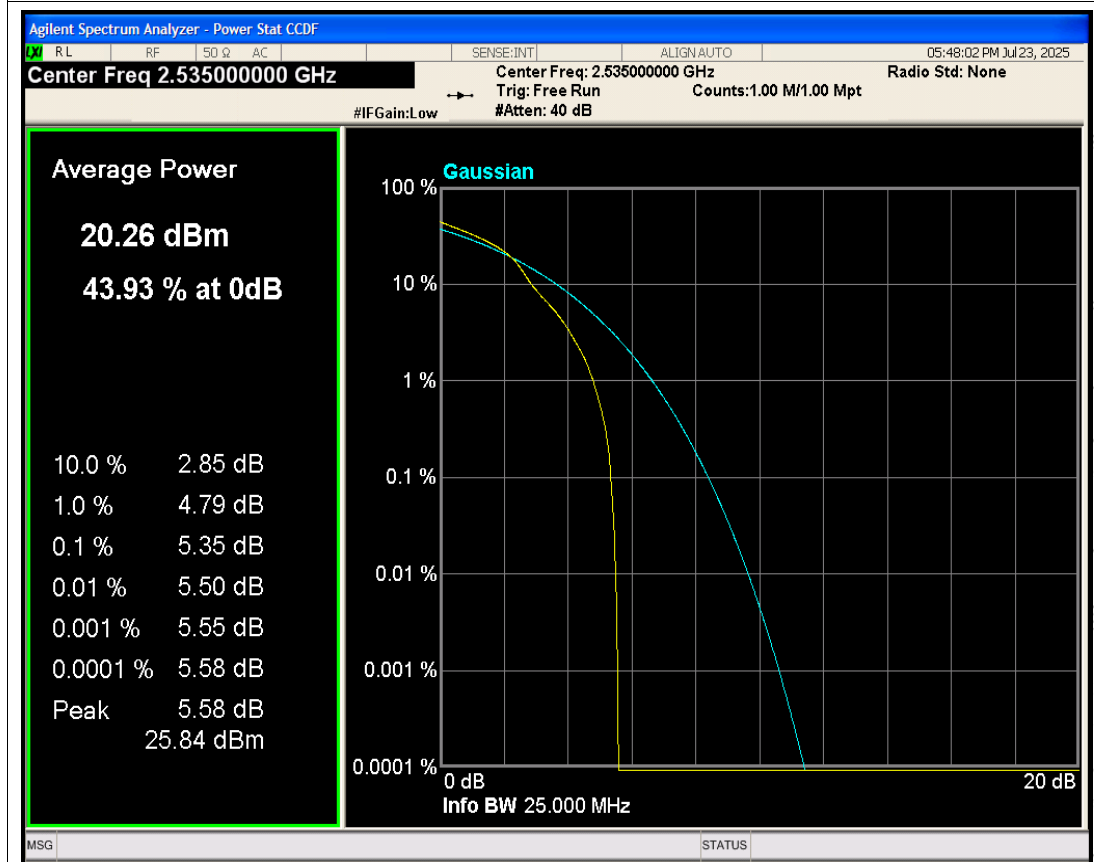
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0 NVNT



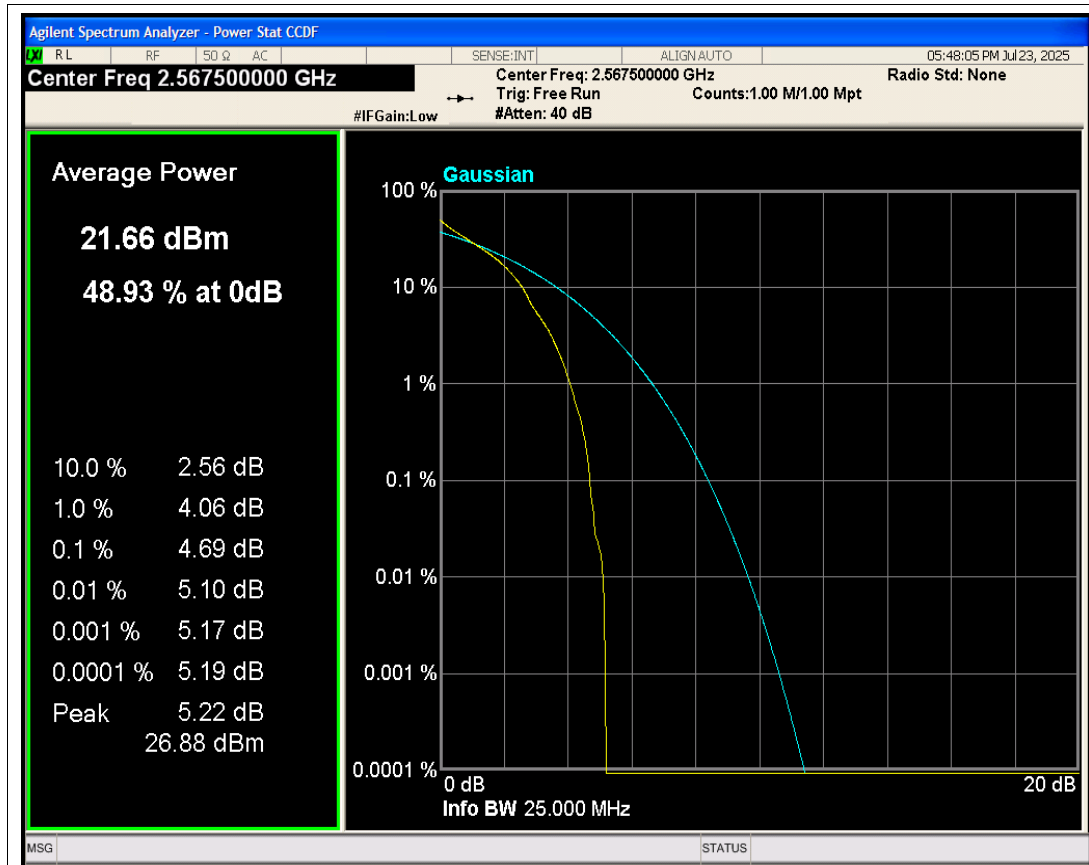
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0 NVNT



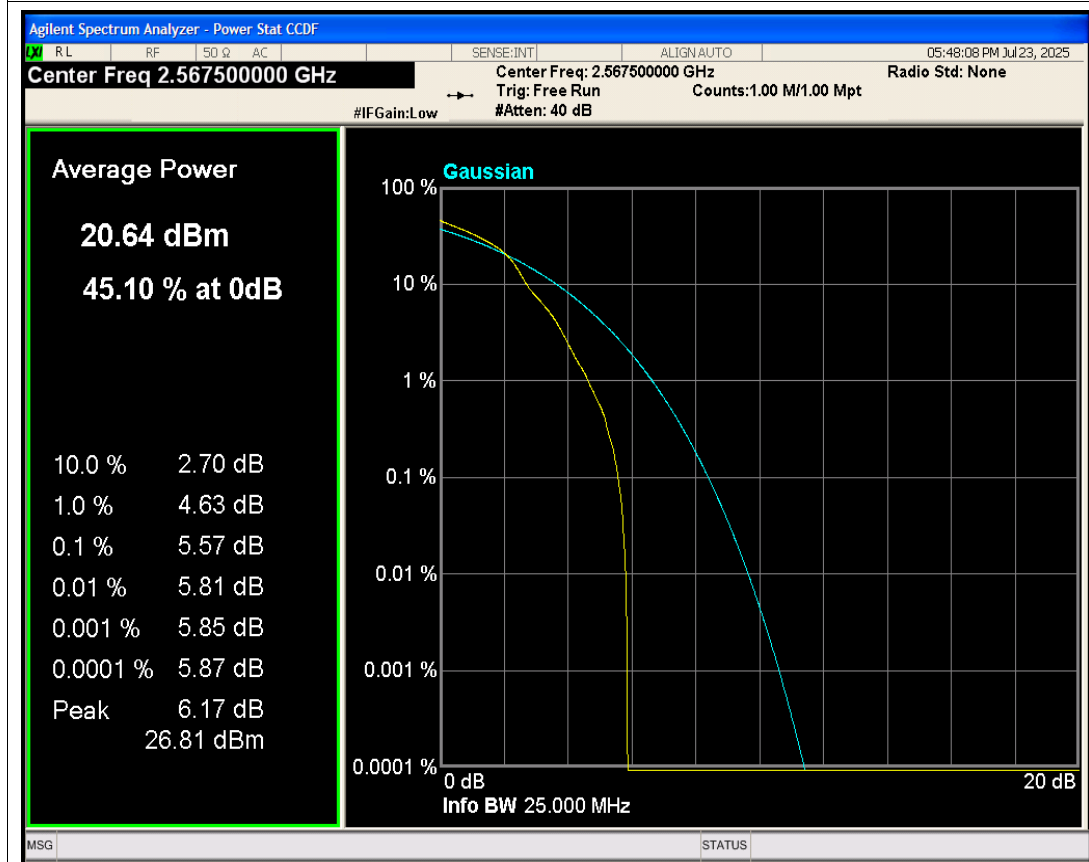
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0 NVNT



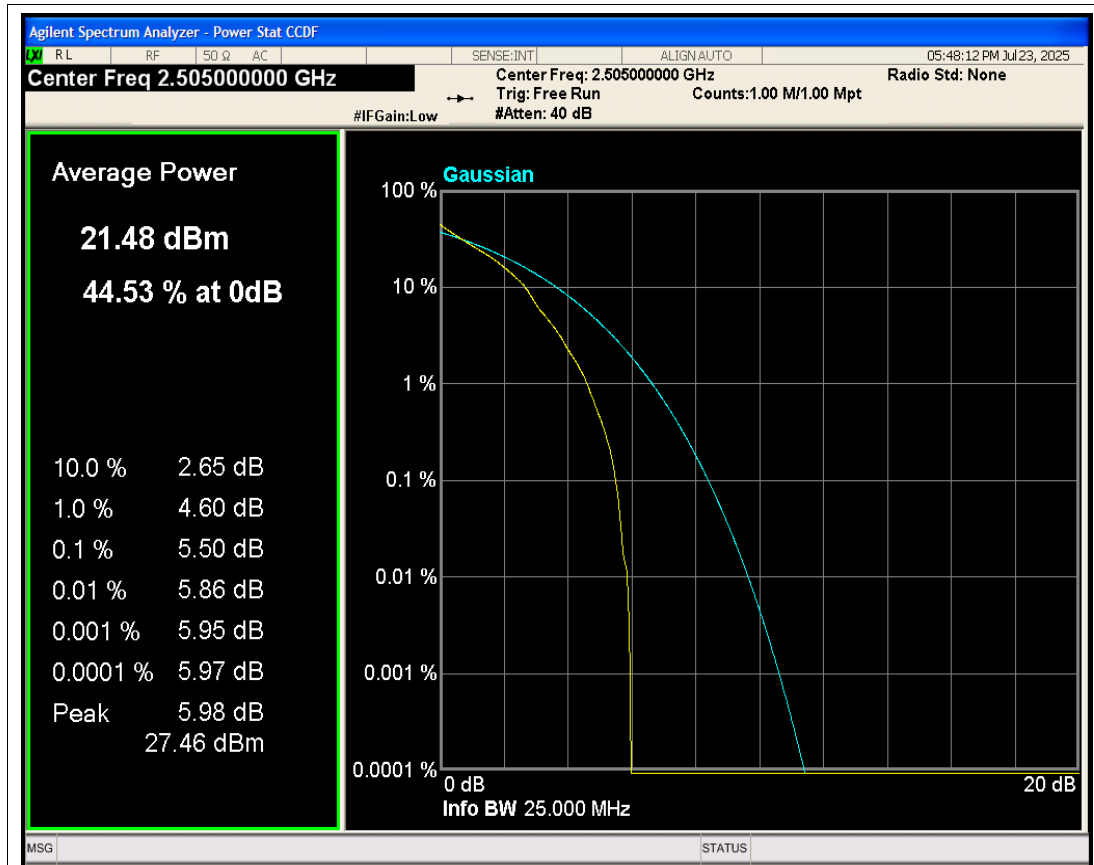
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0 NVNT



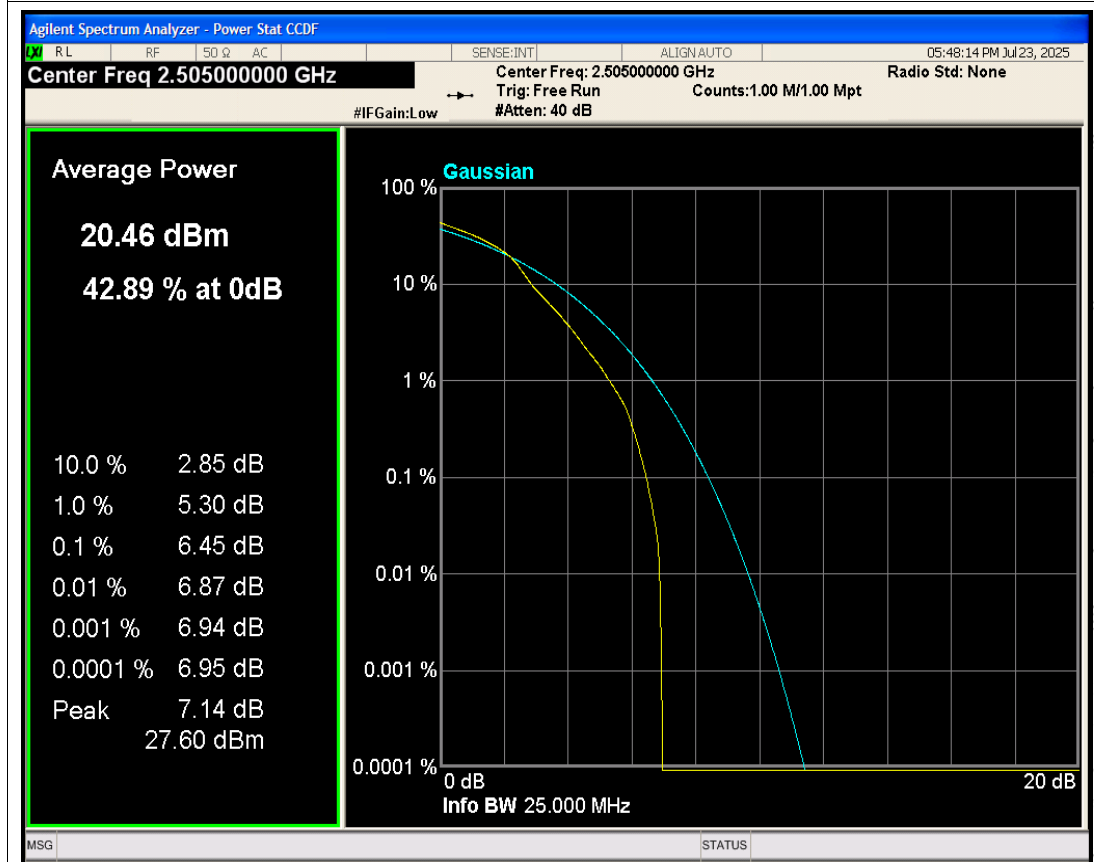
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0 NVNT



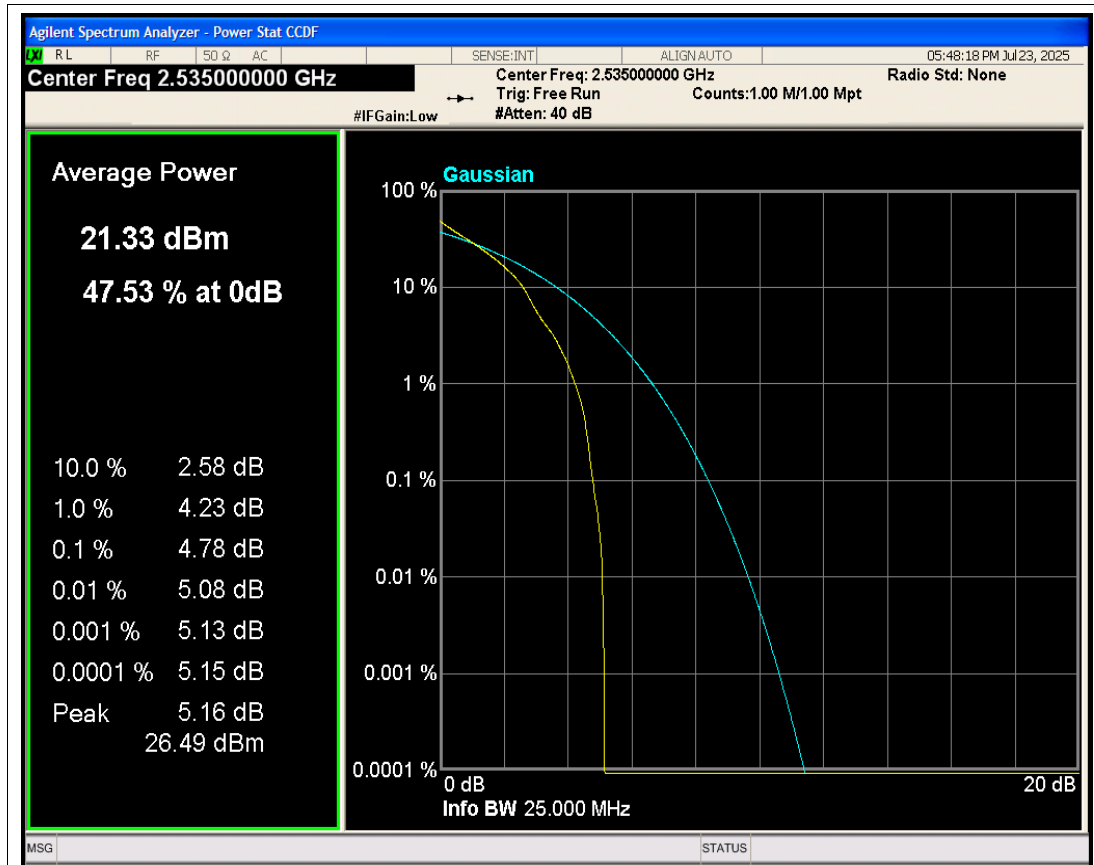
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0 NVNT



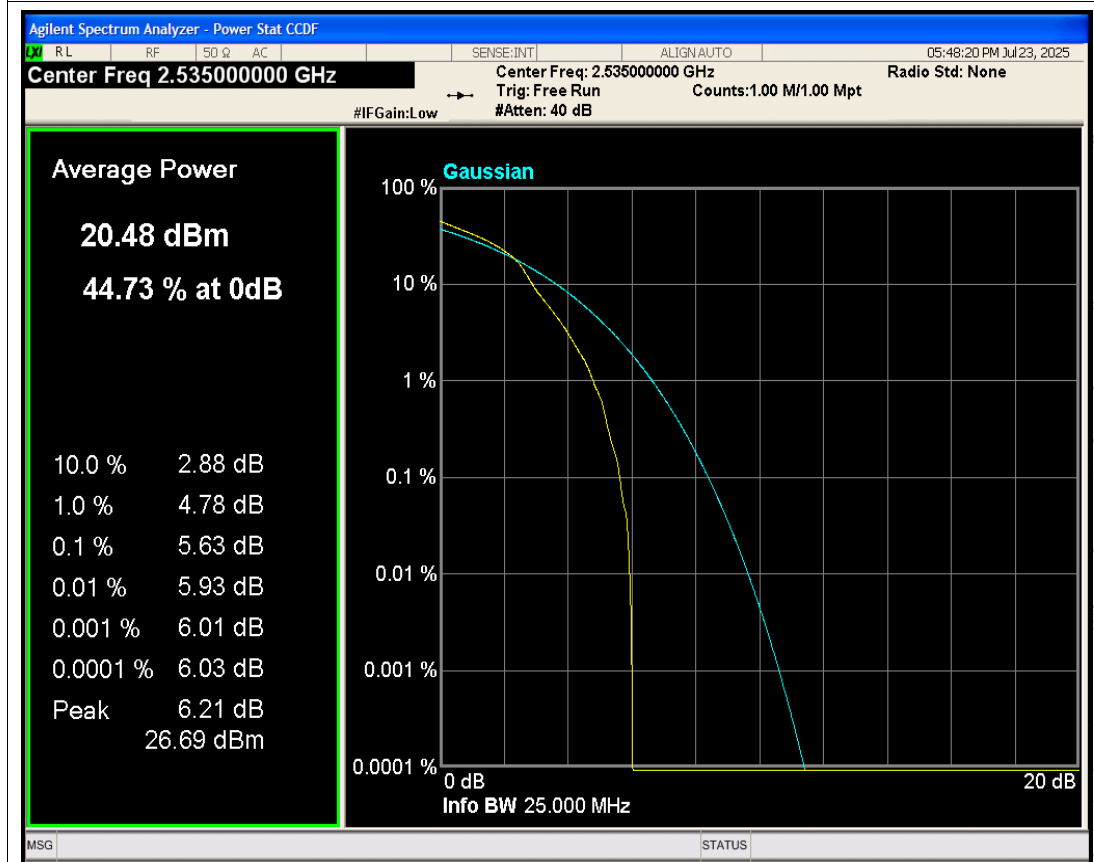
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0 NVNT



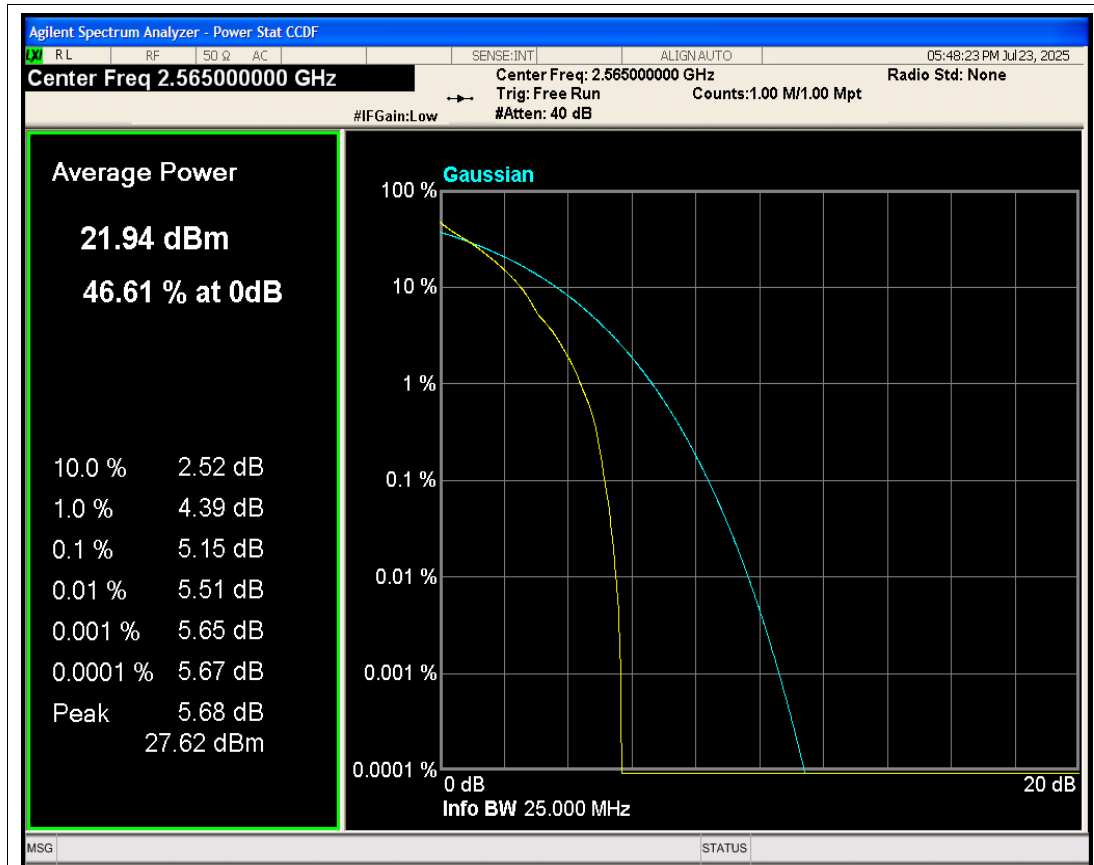
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0 NVNT



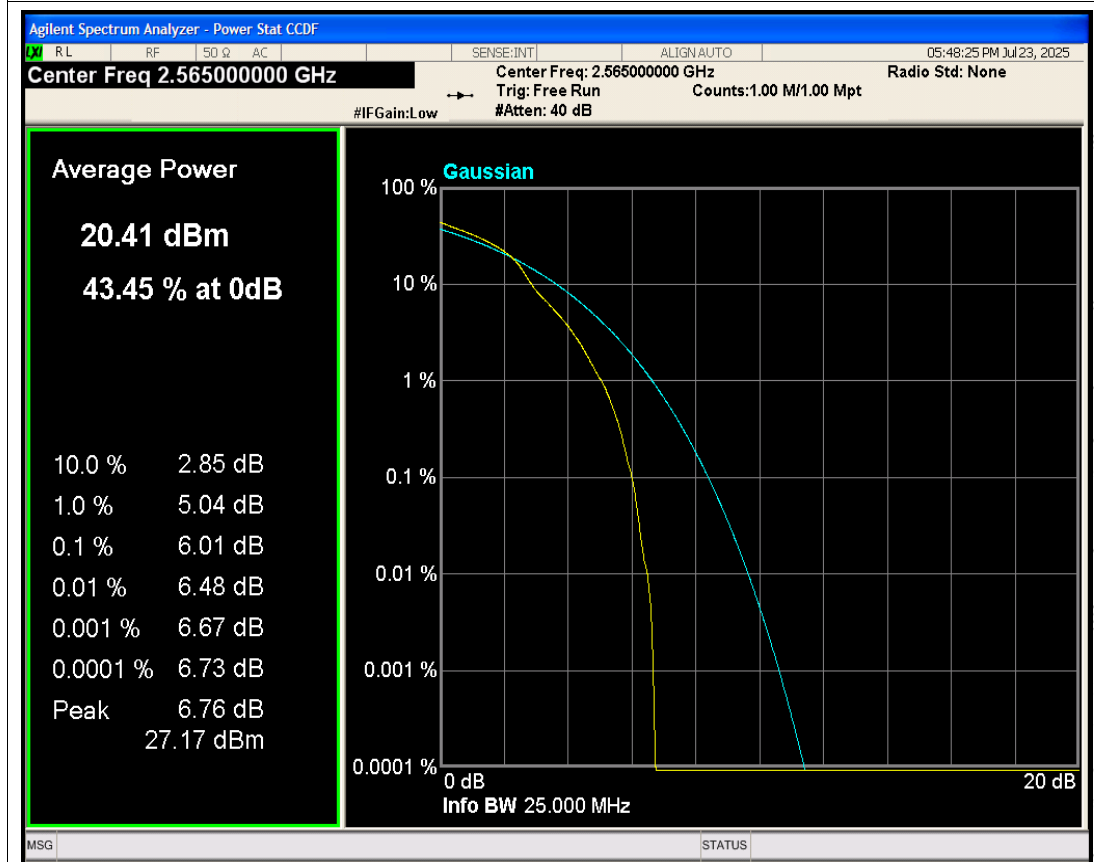
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0 NVNT



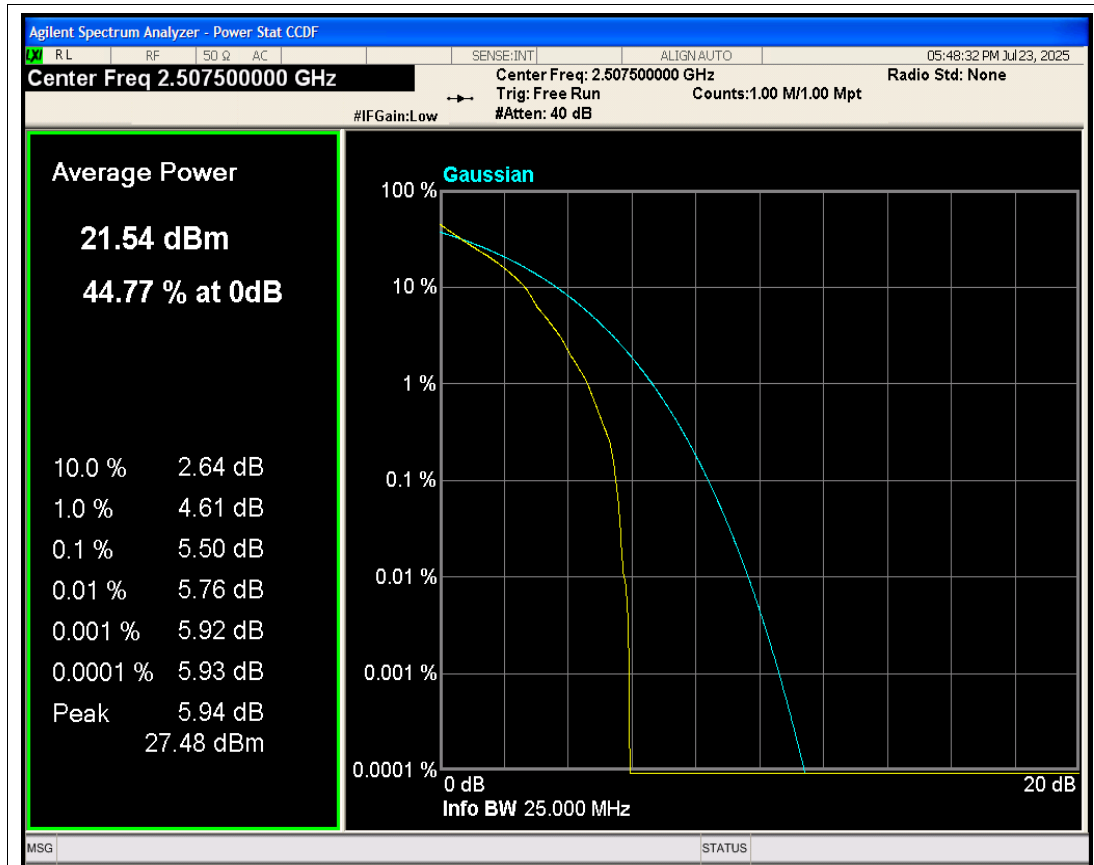
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0 NVNT



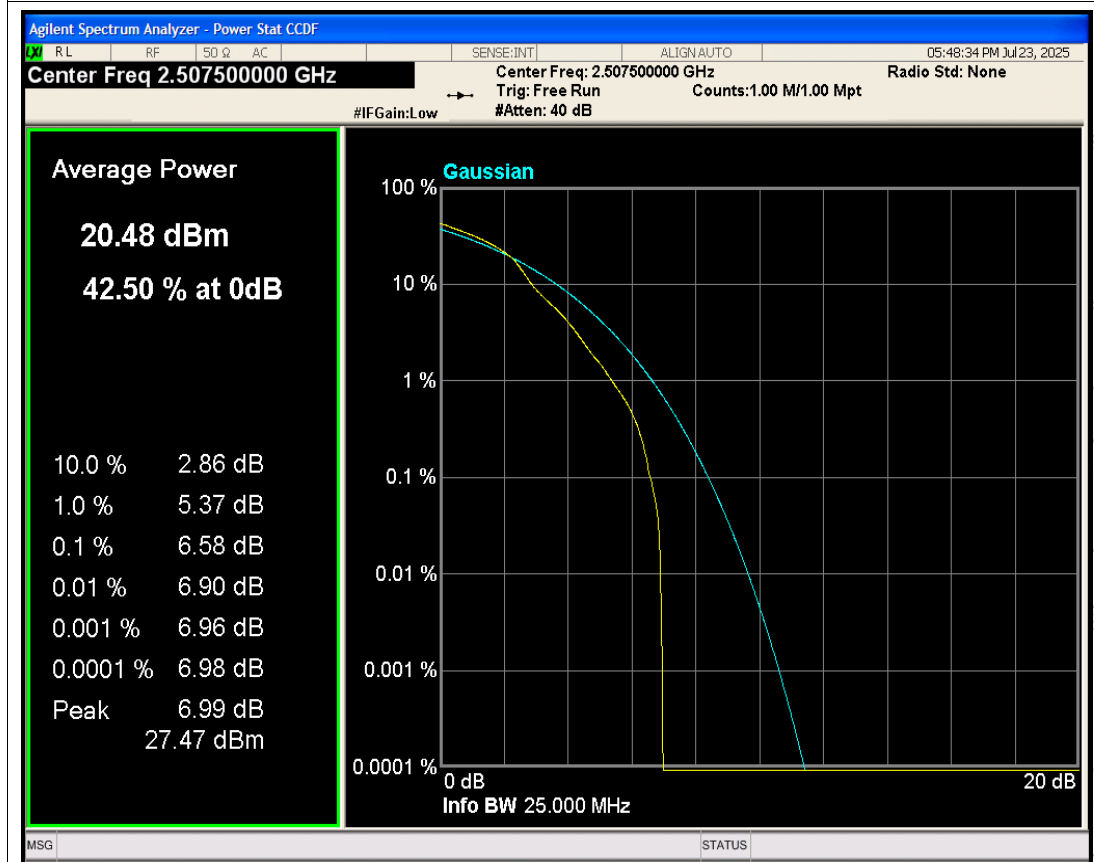
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0 NVNT



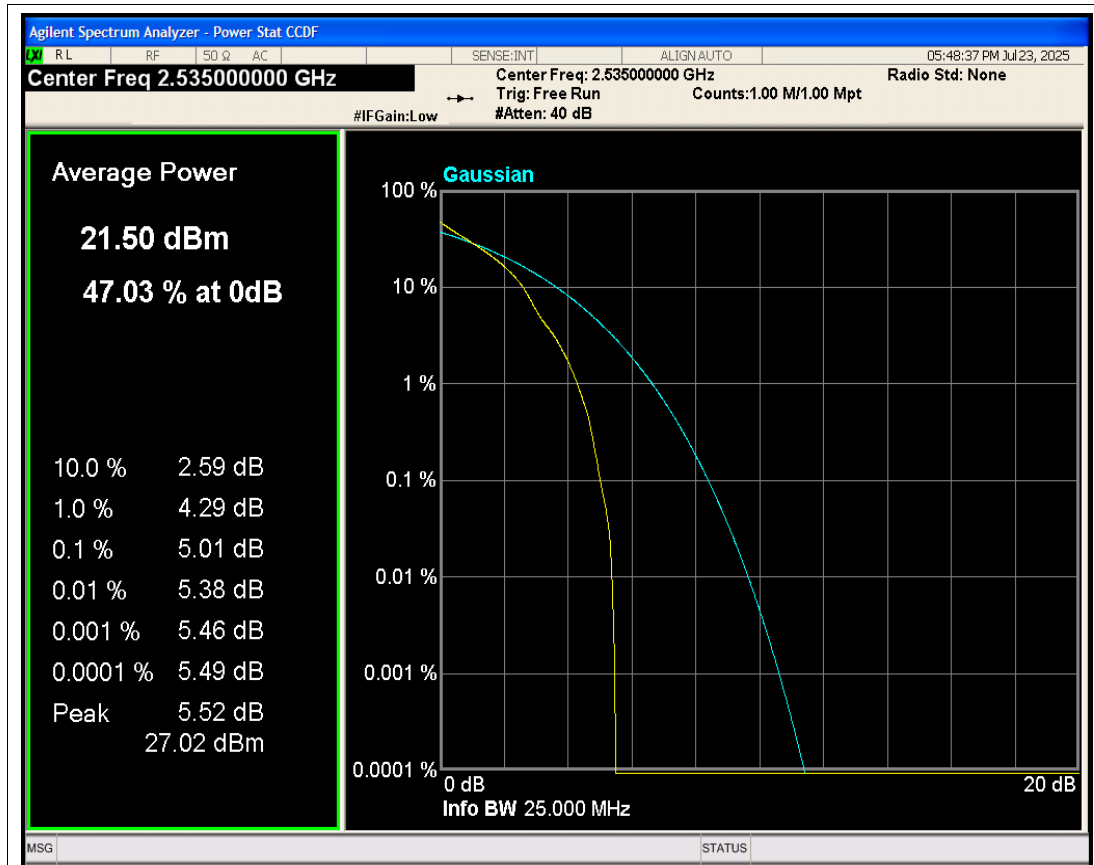
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0 NVNT



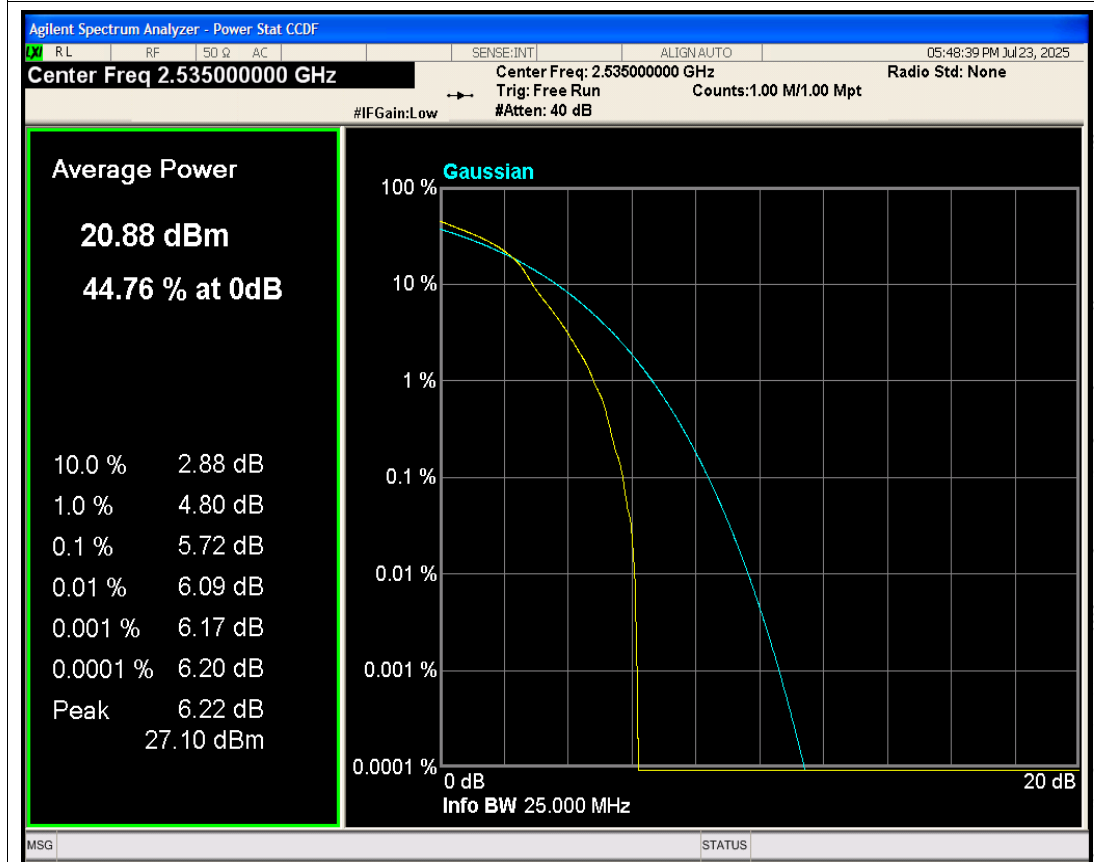
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0 NVNT



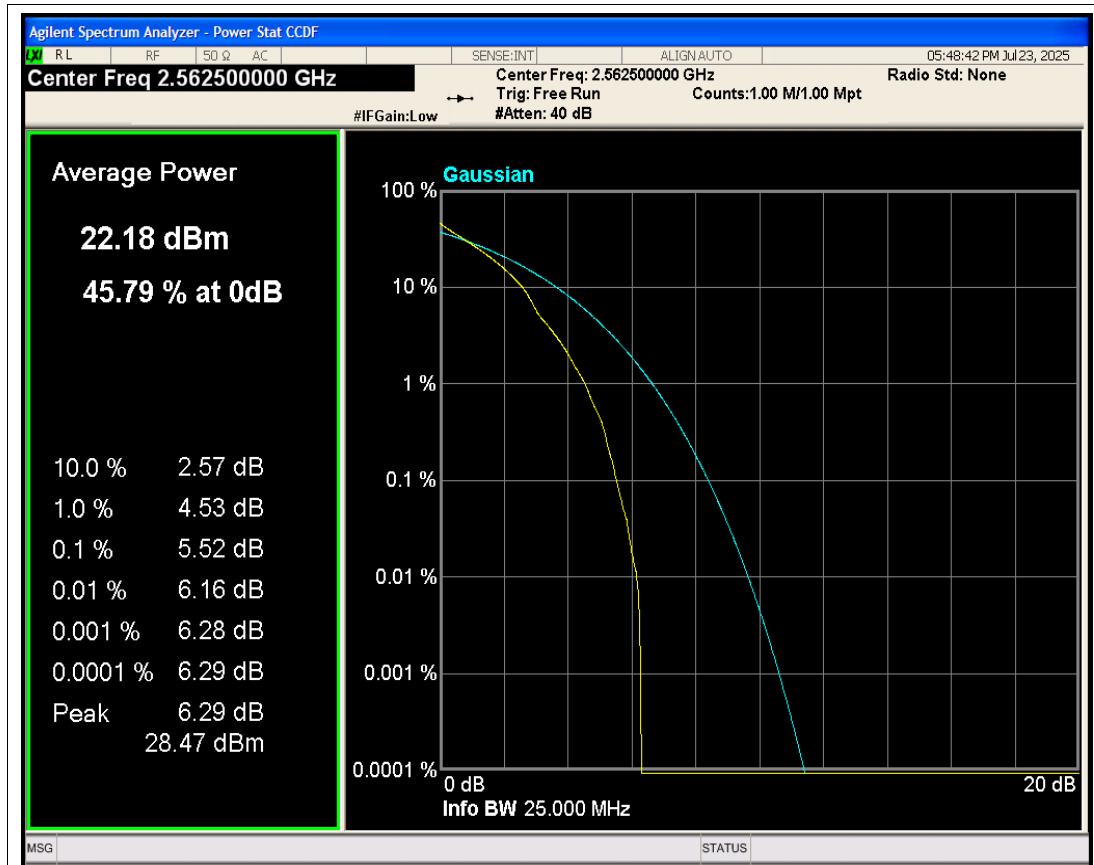
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0 NVNT



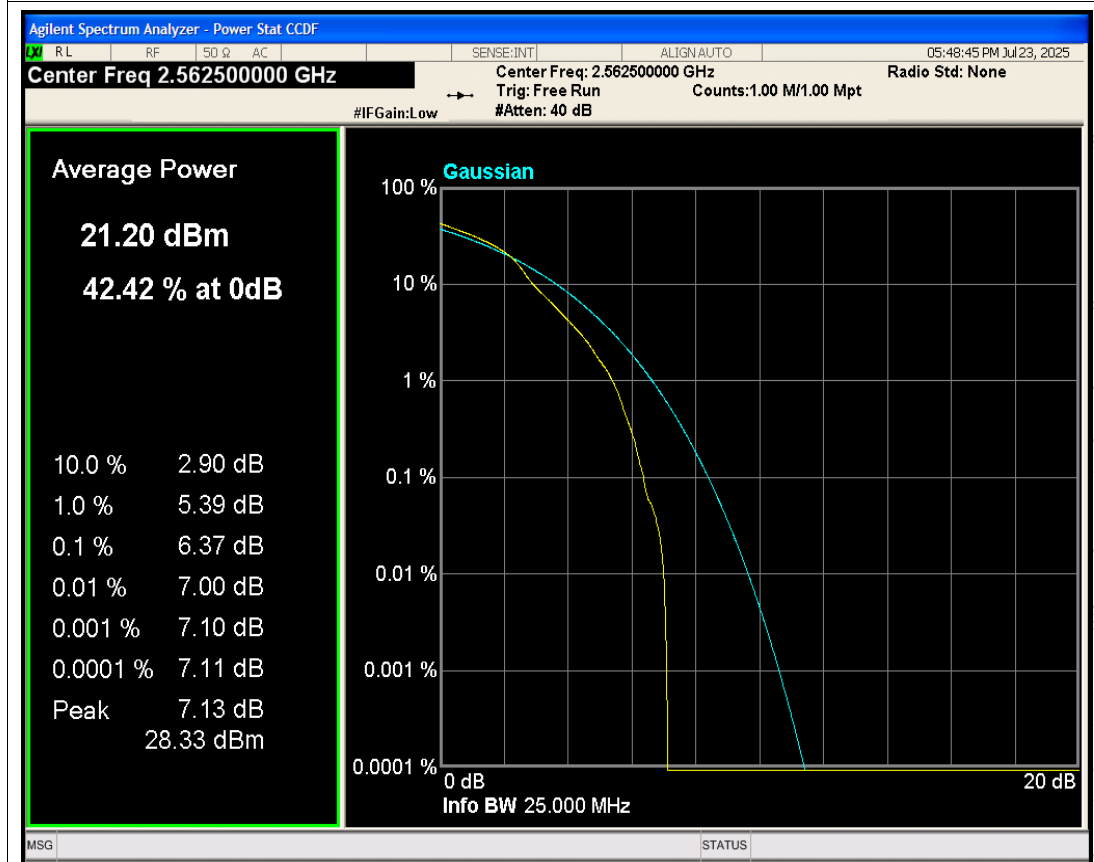
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0 NVNT



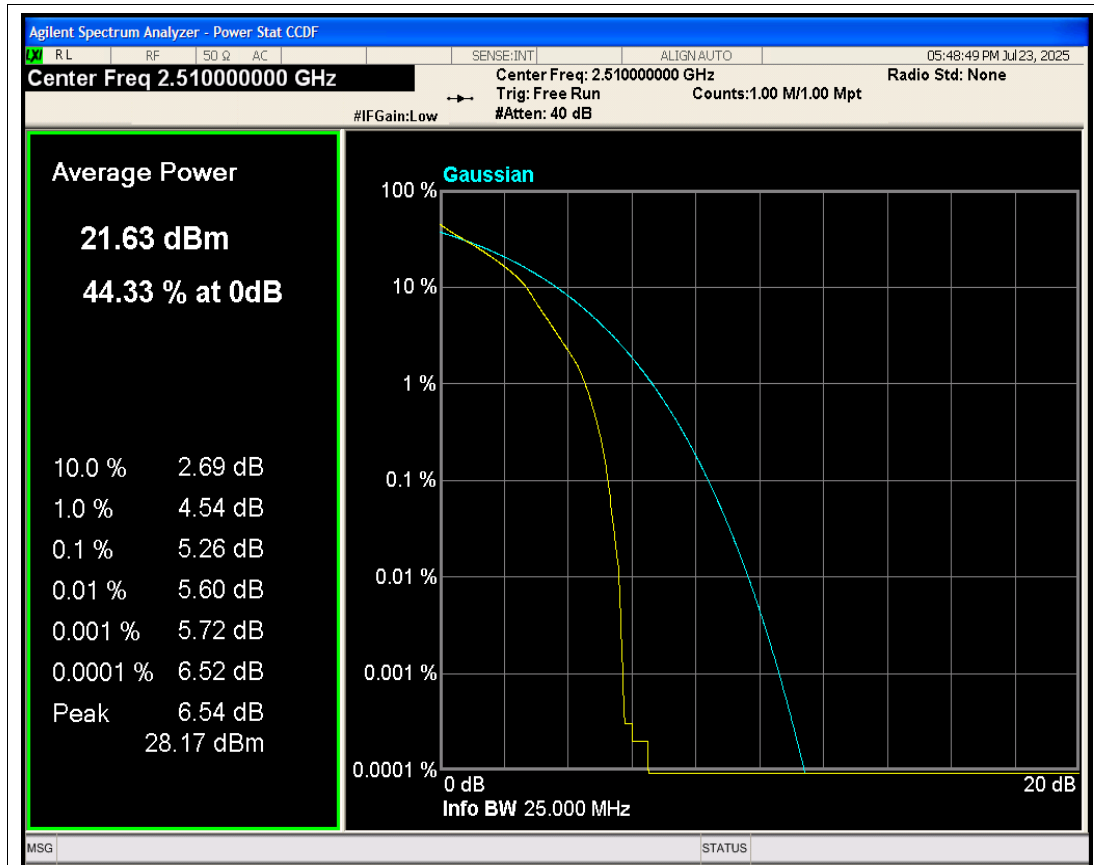
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0 NVNT



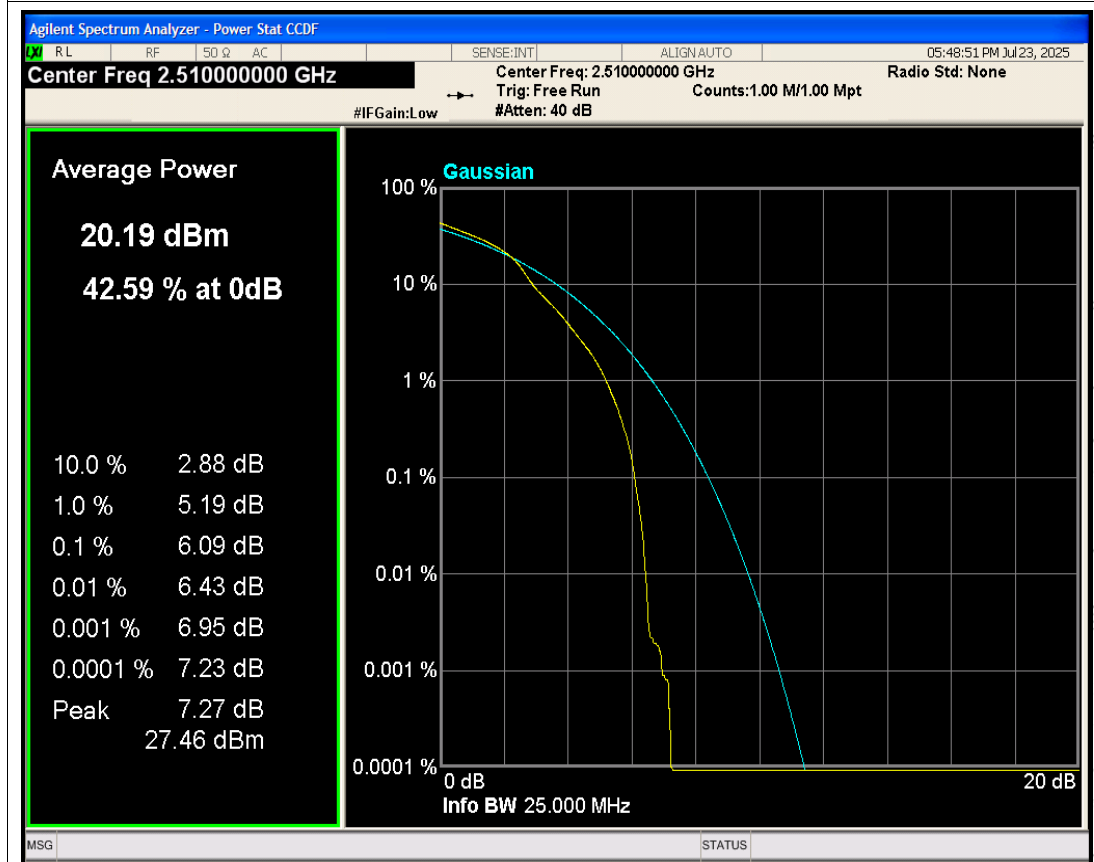
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0 NVNT



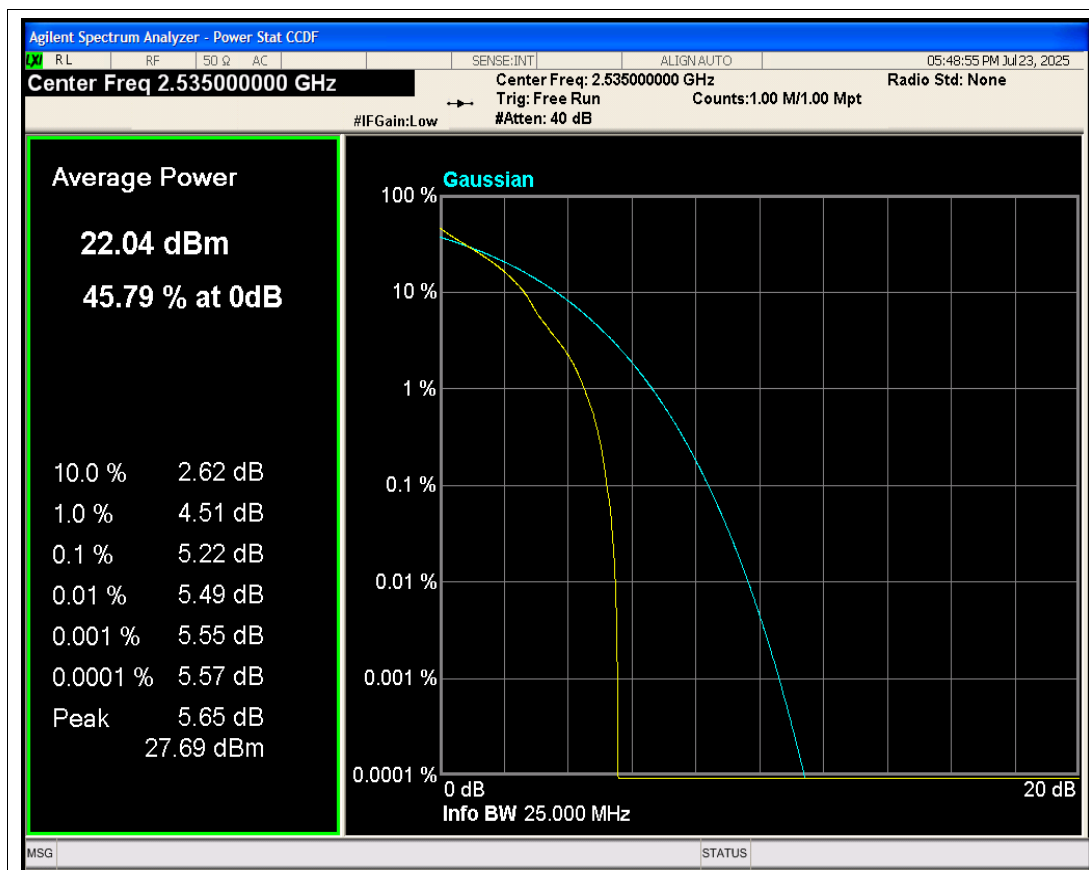
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0 NVNT



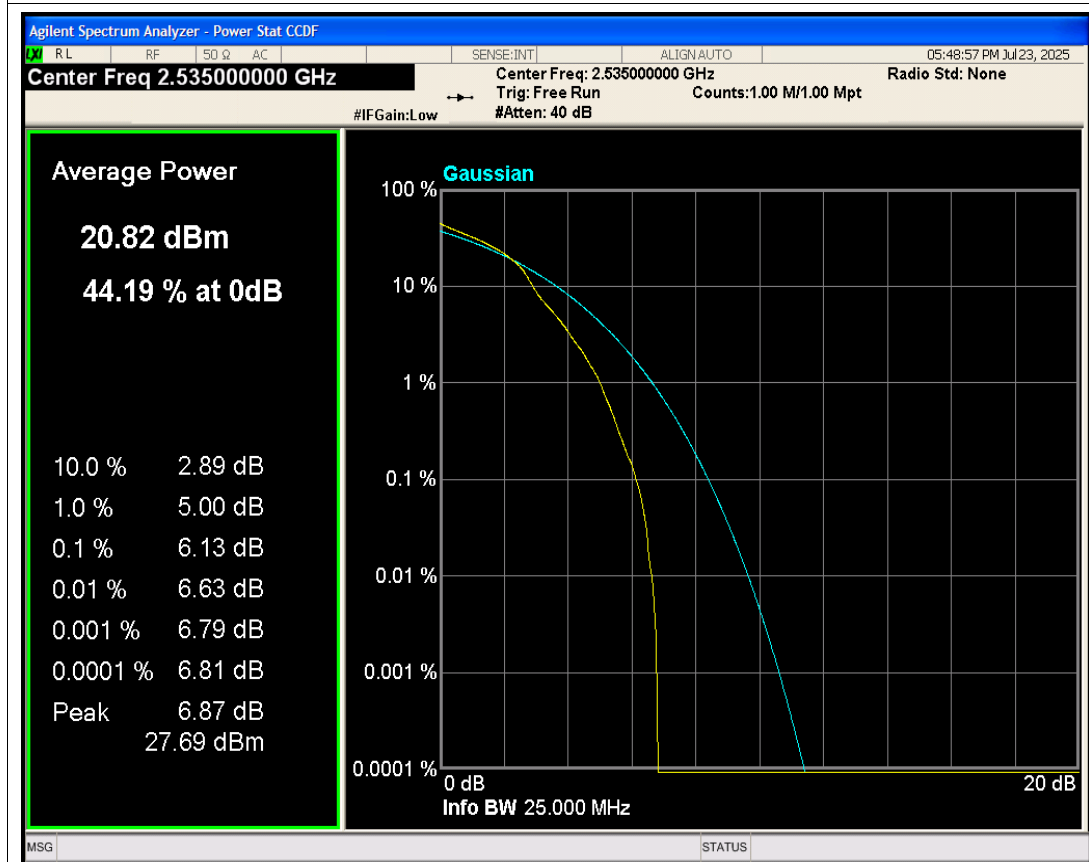
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0 NVNT



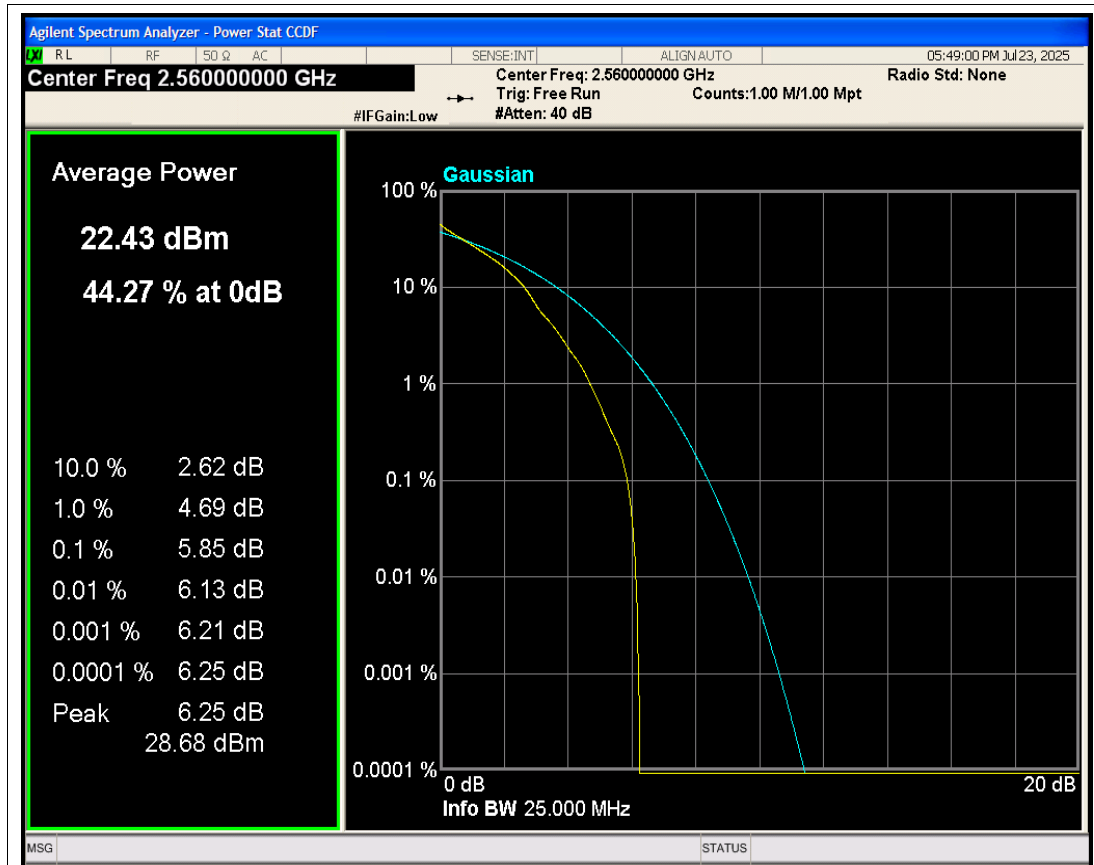
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0 NVNT



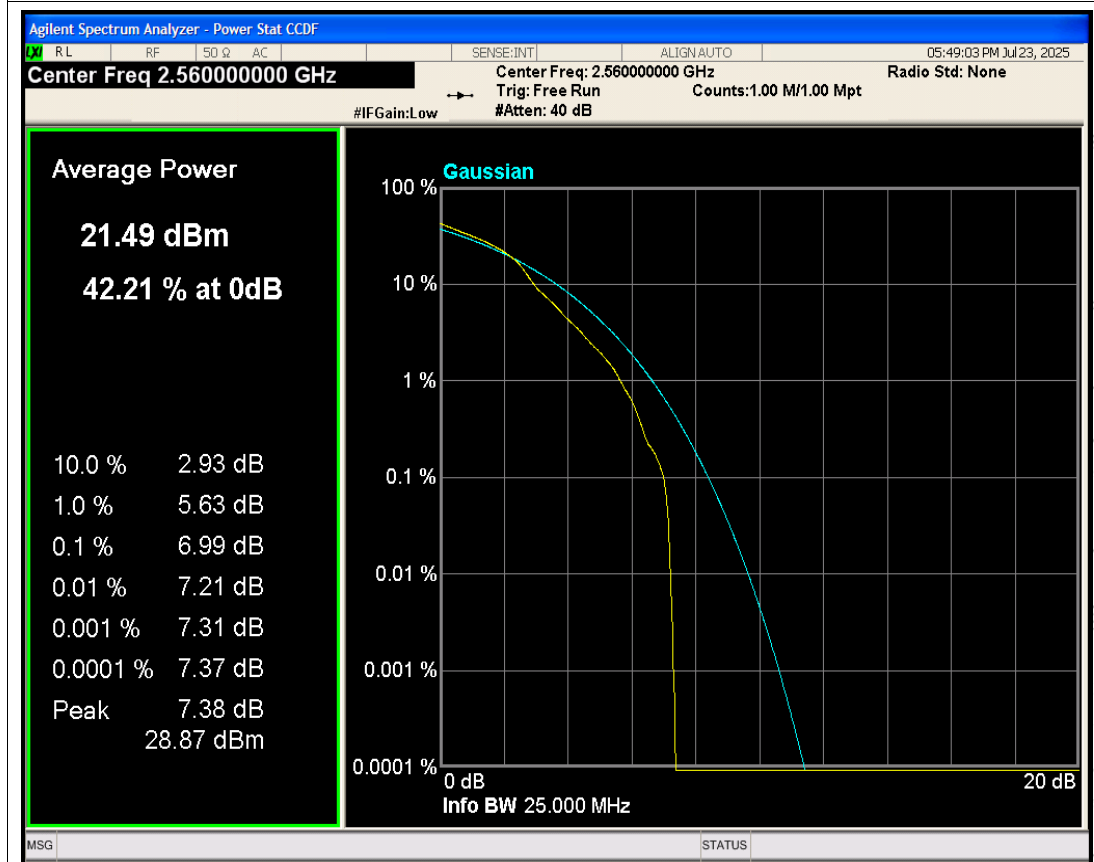
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0 NVNT



Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0 NVNT



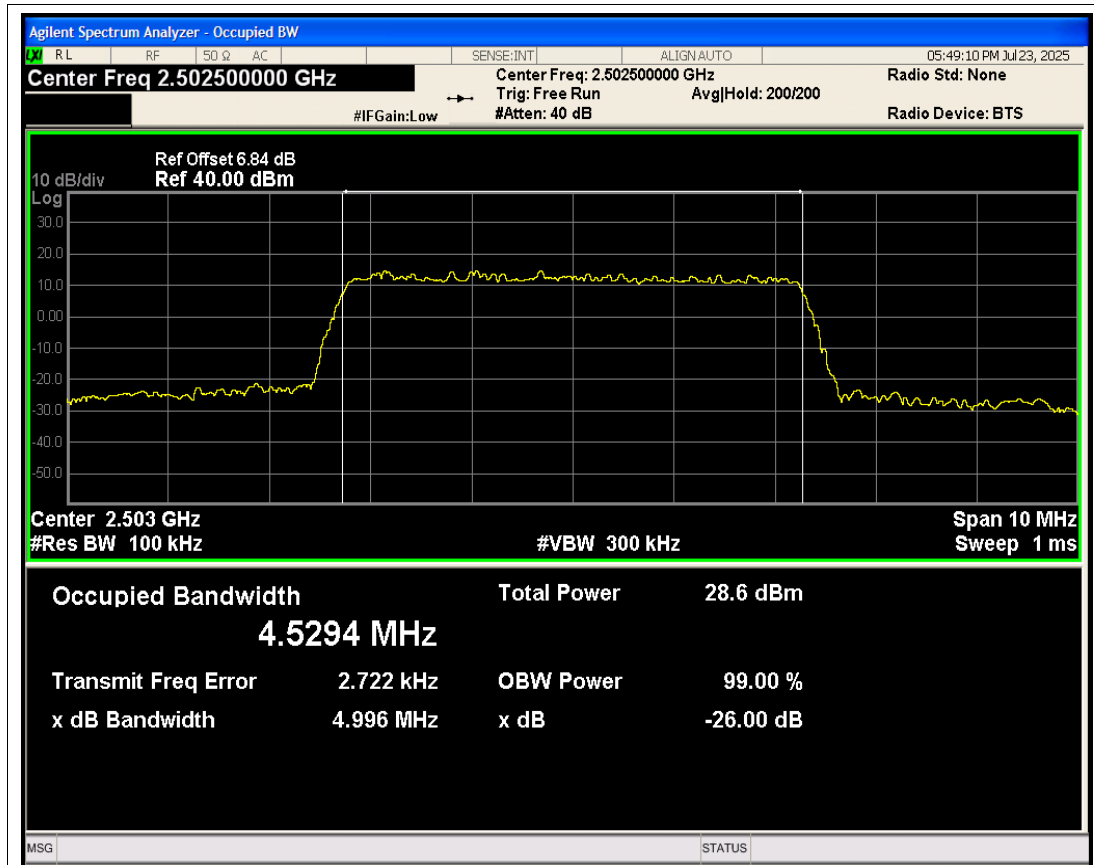
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0 NVNT



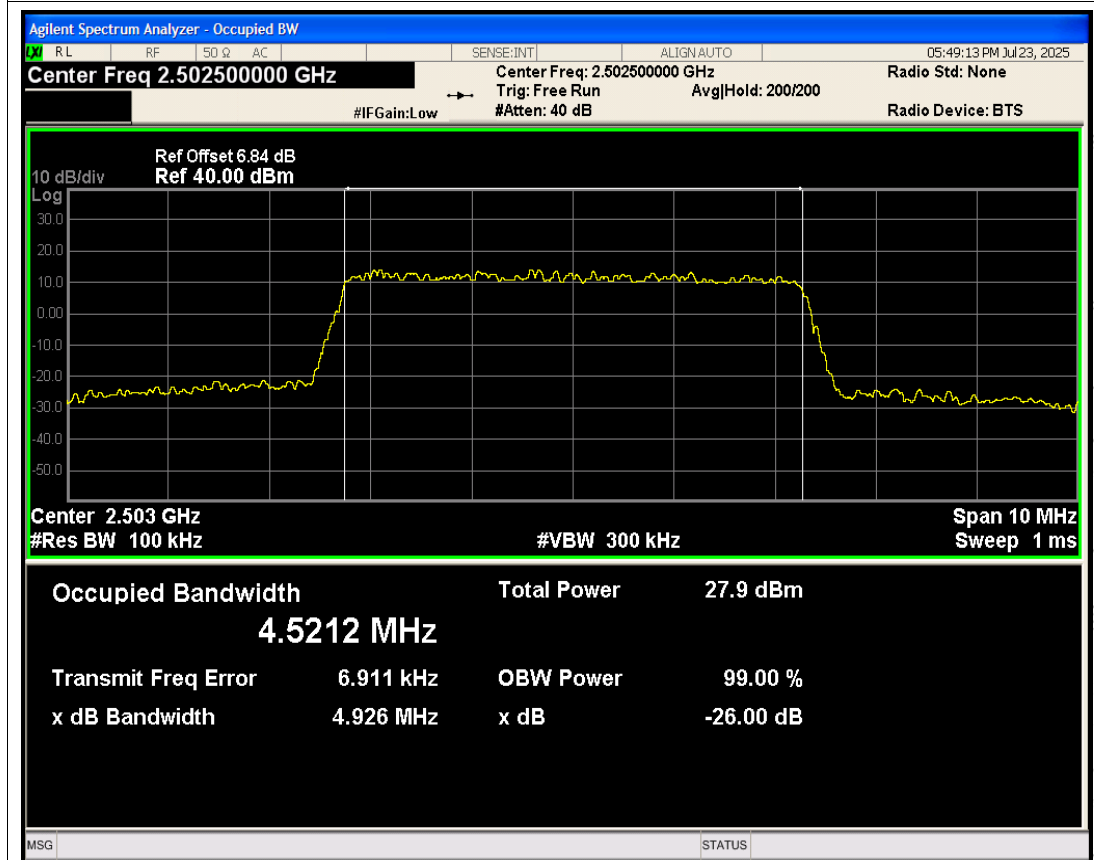
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0 NVNT

Appendix 4. Occupied bandwidth

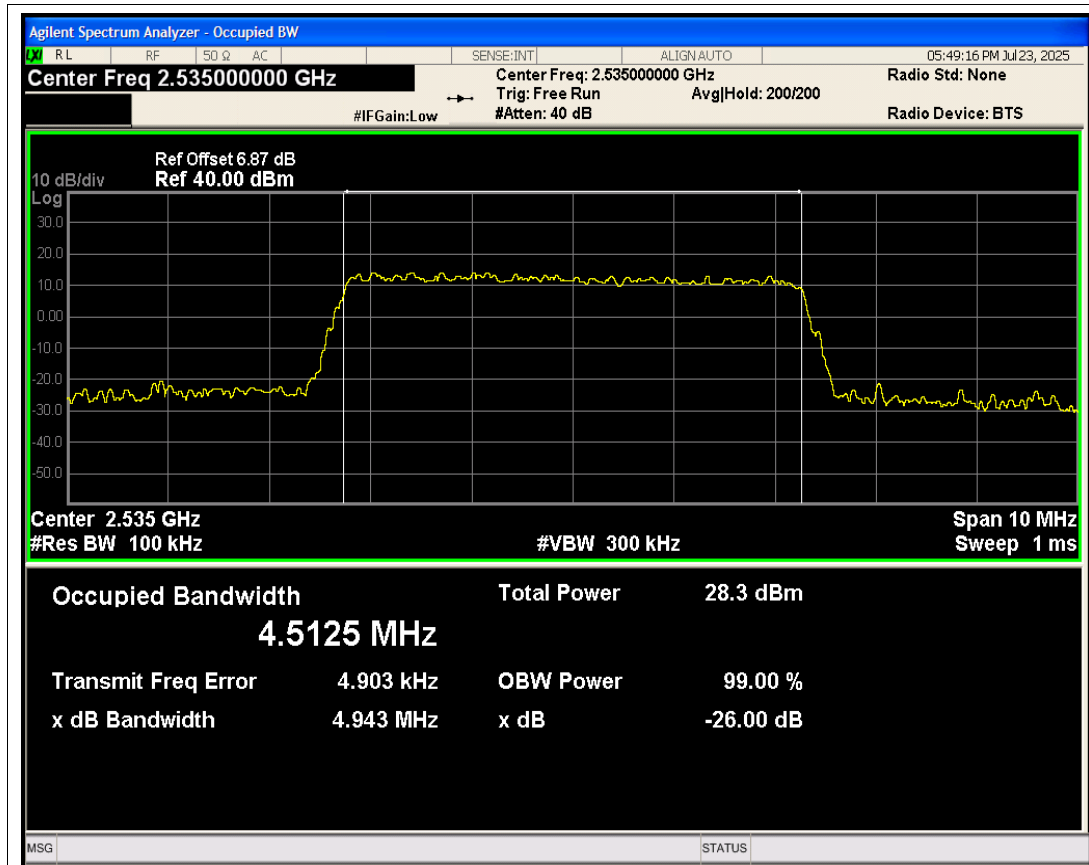
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>99% OBW (MHz)</i>	<i>-26dB EBW (MHz)</i>	<i>Verdict</i>
Band7	5	20775	25	#0	QPSK	4.529	4.996	PASS
Band7	5	20775	25	#0	16QAM	4.521	4.926	PASS
Band7	5	21100	25	#0	QPSK	4.513	4.943	PASS
Band7	5	21100	25	#0	16QAM	4.503	4.987	PASS
Band7	5	21425	25	#0	QPSK	4.498	4.937	PASS
Band7	5	21425	25	#0	16QAM	4.518	4.974	PASS
Band7	10	20800	50	#0	QPSK	9.030	9.883	PASS
Band7	10	20800	50	#0	16QAM	9.030	9.814	PASS
Band7	10	21100	50	#0	QPSK	8.986	9.791	PASS
Band7	10	21100	50	#0	16QAM	8.972	9.783	PASS
Band7	10	21400	50	#0	QPSK	8.973	9.856	PASS
Band7	10	21400	50	#0	16QAM	9.001	9.911	PASS
Band7	15	20825	75	#0	QPSK	13.564	14.924	PASS
Band7	15	20825	75	#0	16QAM	13.542	14.742	PASS
Band7	15	21100	75	#0	QPSK	13.416	14.515	PASS
Band7	15	21100	75	#0	16QAM	13.433	14.741	PASS
Band7	15	21375	75	#0	QPSK	13.520	14.757	PASS
Band7	15	21375	75	#0	16QAM	13.535	14.740	PASS
Band7	20	20850	100	#0	QPSK	18.083	19.834	PASS
Band7	20	20850	100	#0	16QAM	18.050	19.571	PASS
Band7	20	21100	100	#0	QPSK	17.926	19.488	PASS
Band7	20	21100	100	#0	16QAM	17.924	19.668	PASS
Band7	20	21350	100	#0	QPSK	18.005	19.480	PASS
Band7	20	21350	100	#0	16QAM	18.052	19.792	PASS



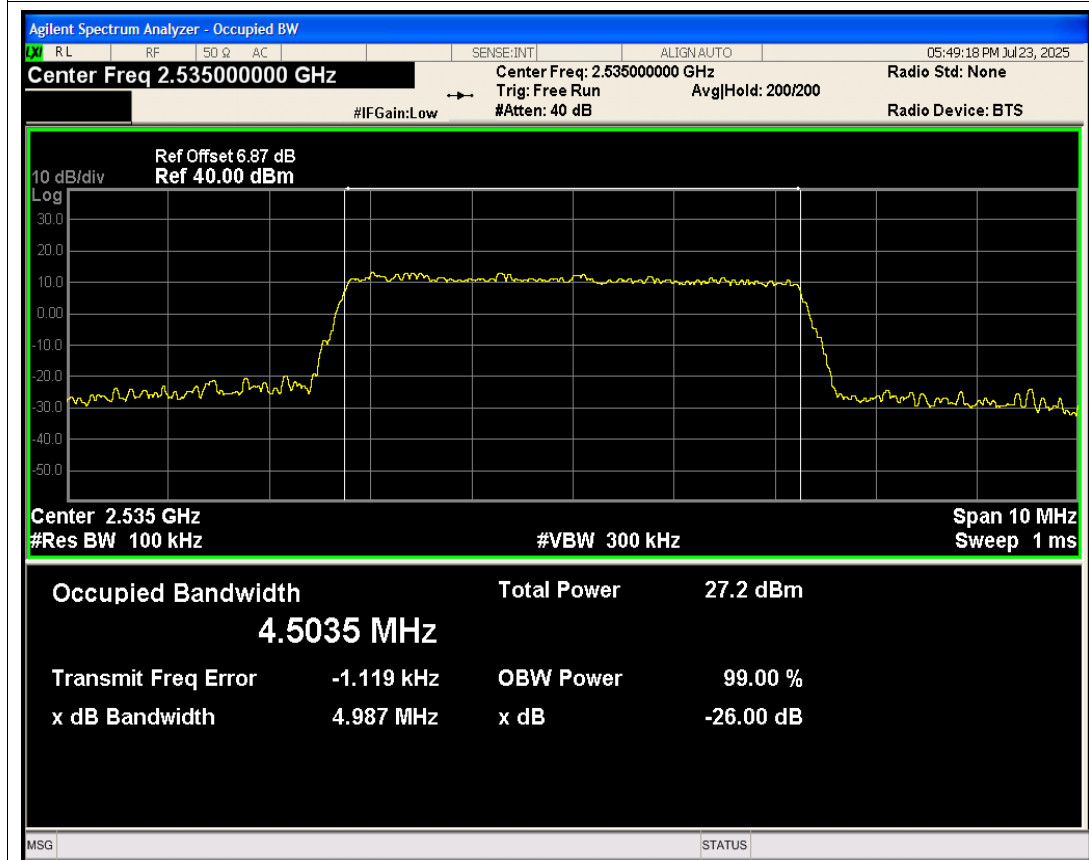
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



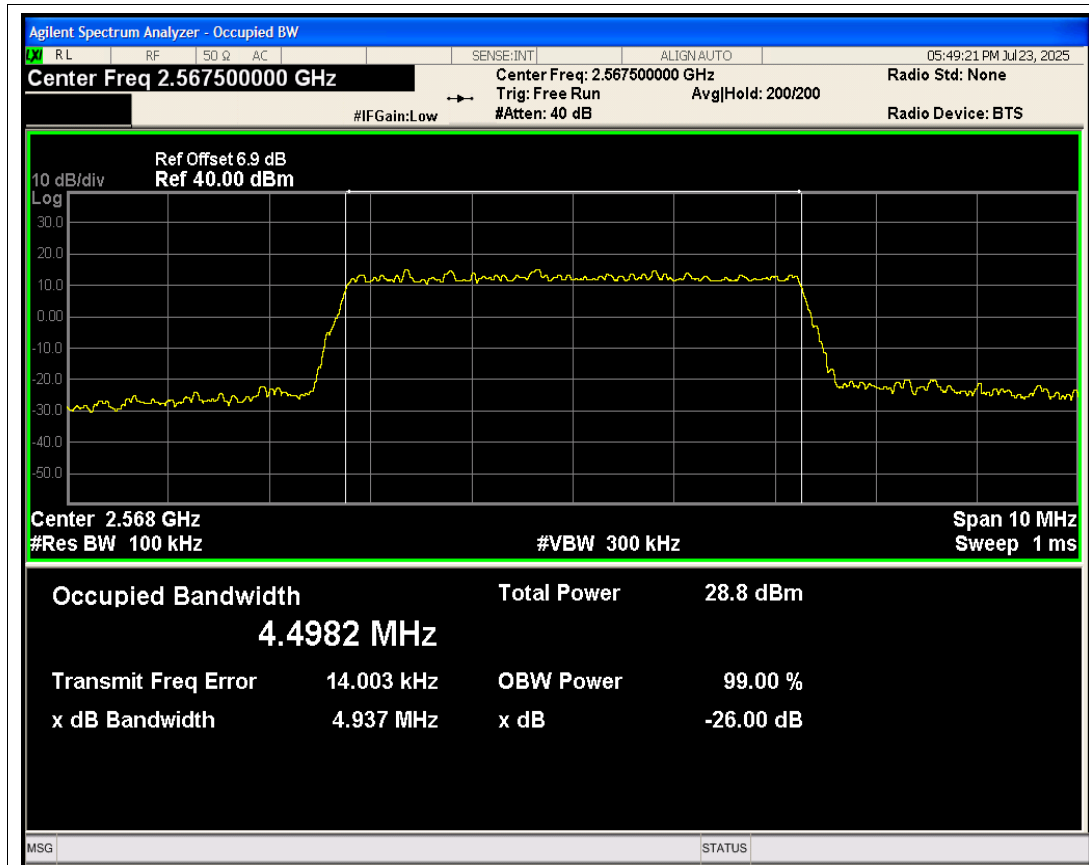
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



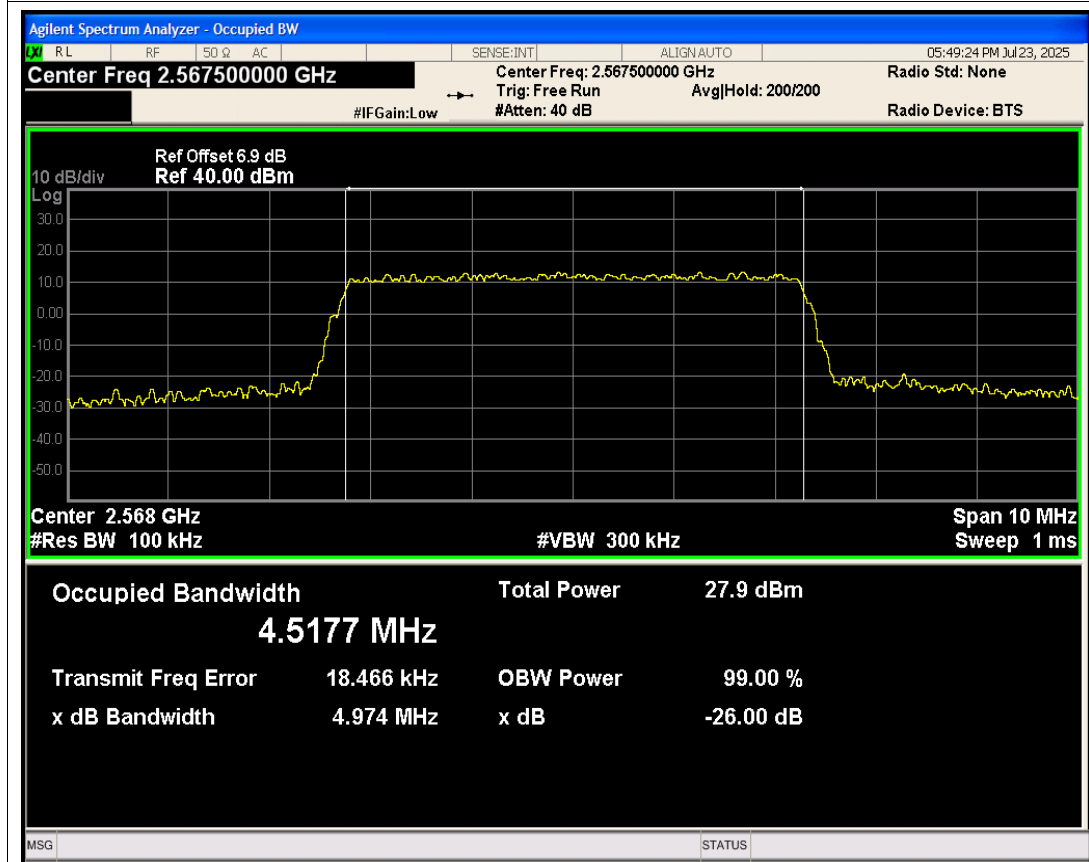
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT



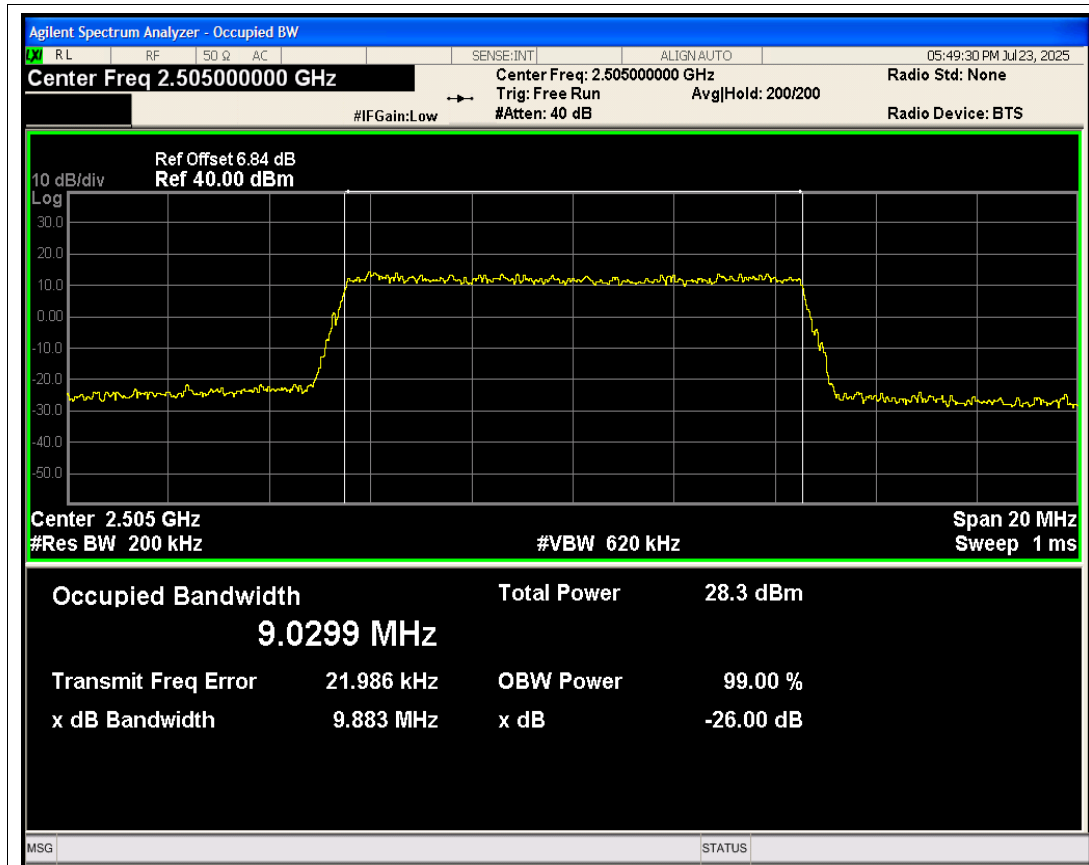
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT



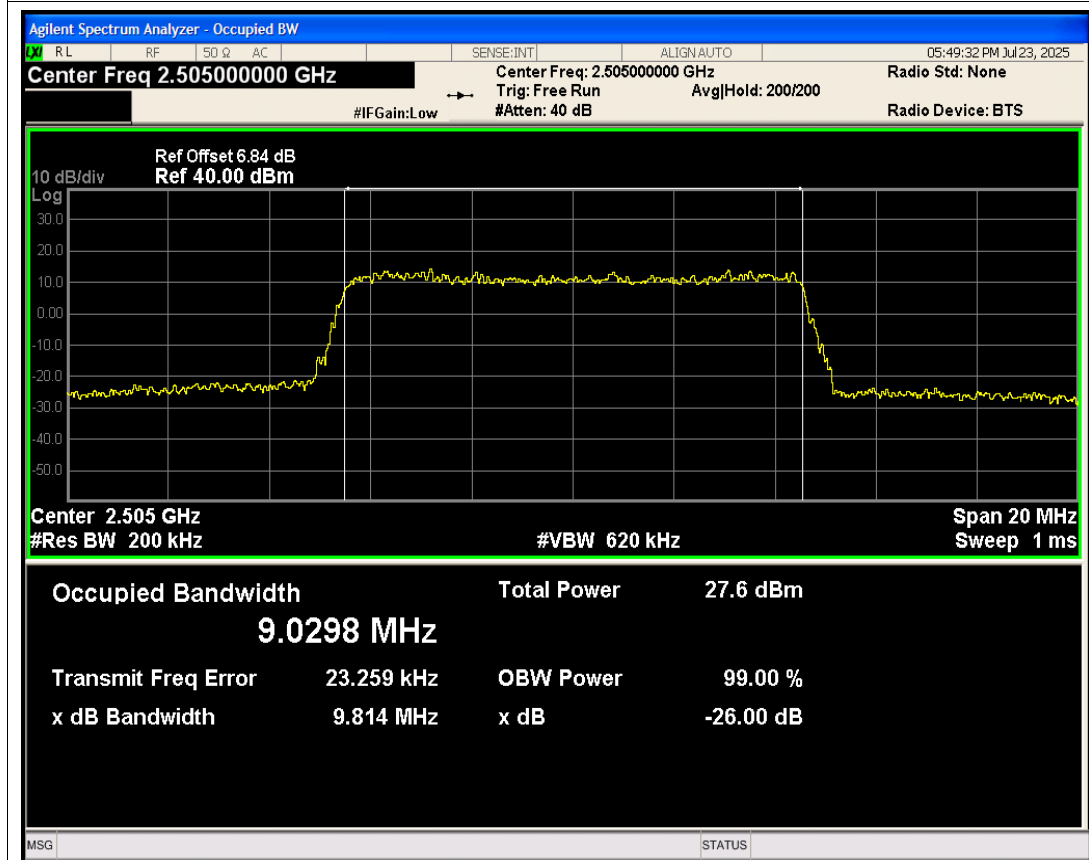
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT



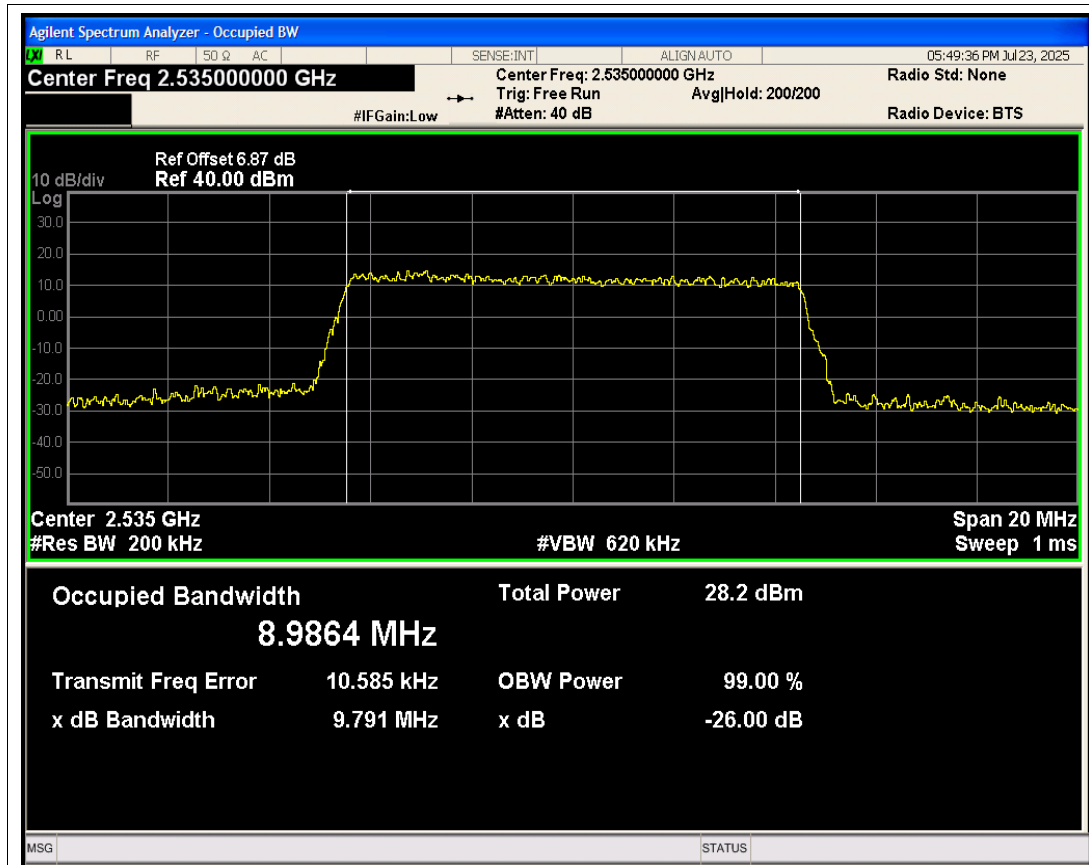
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT



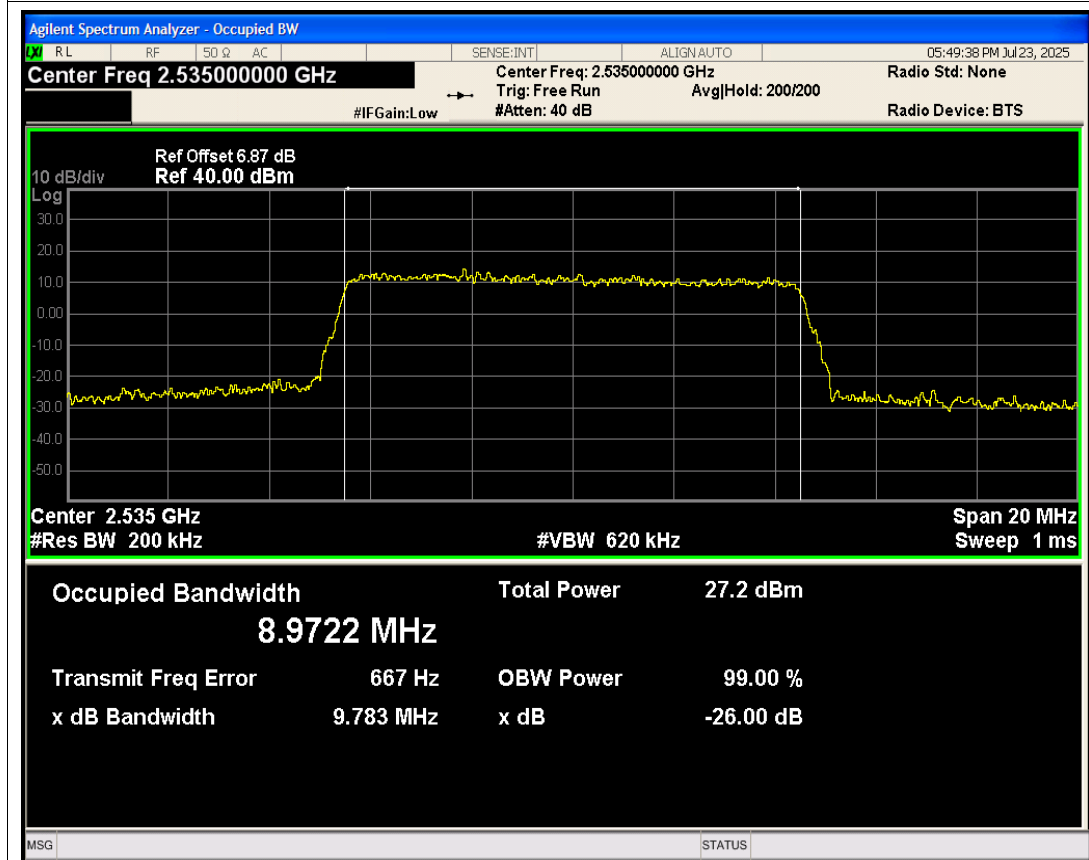
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



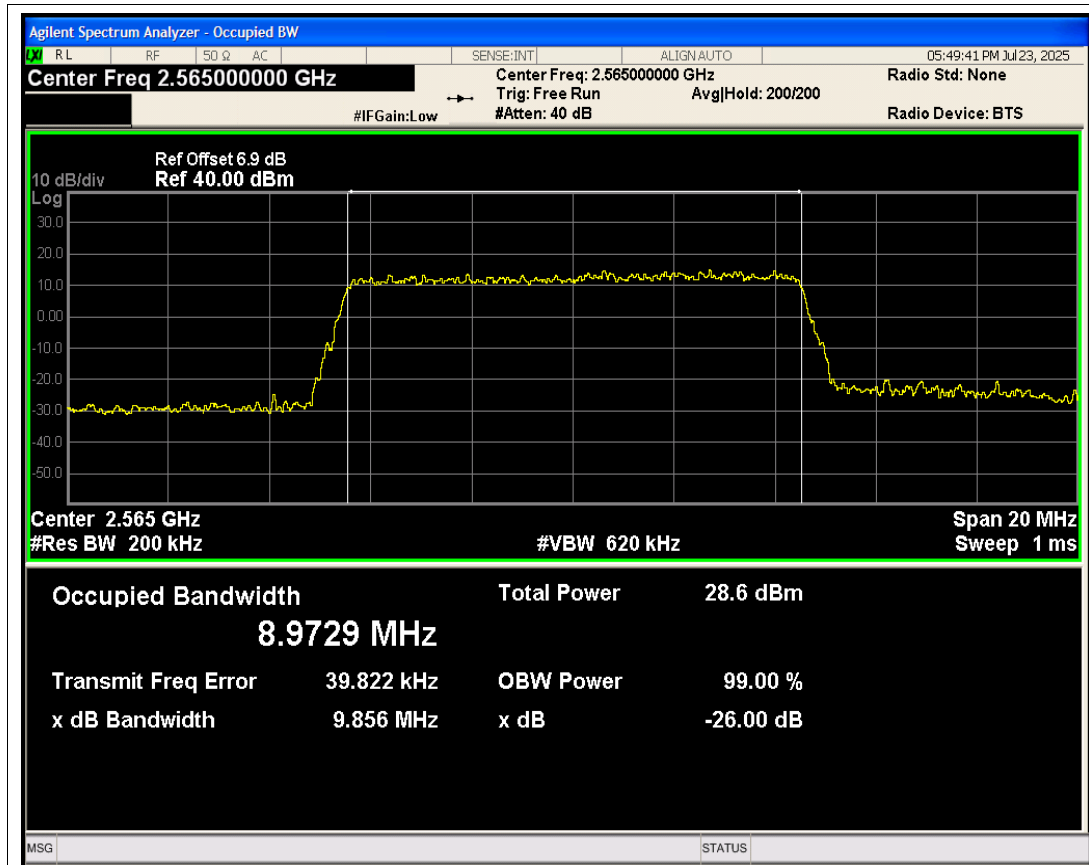
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



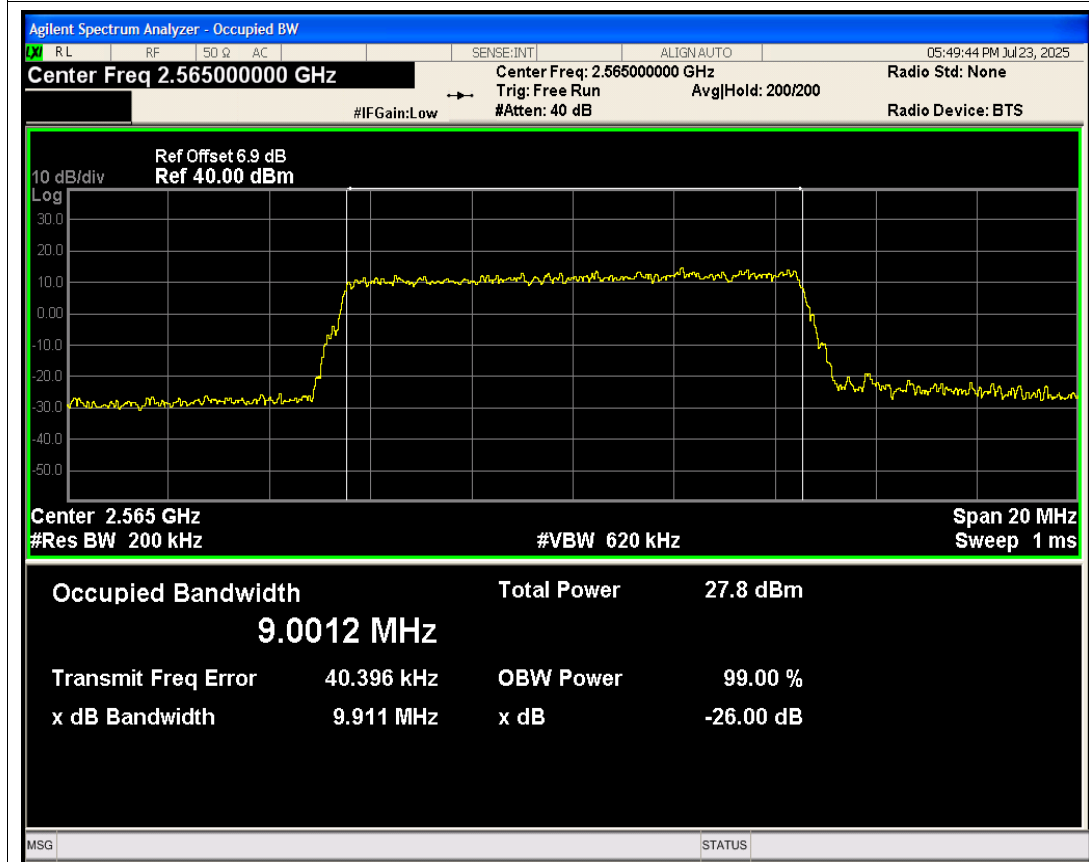
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT



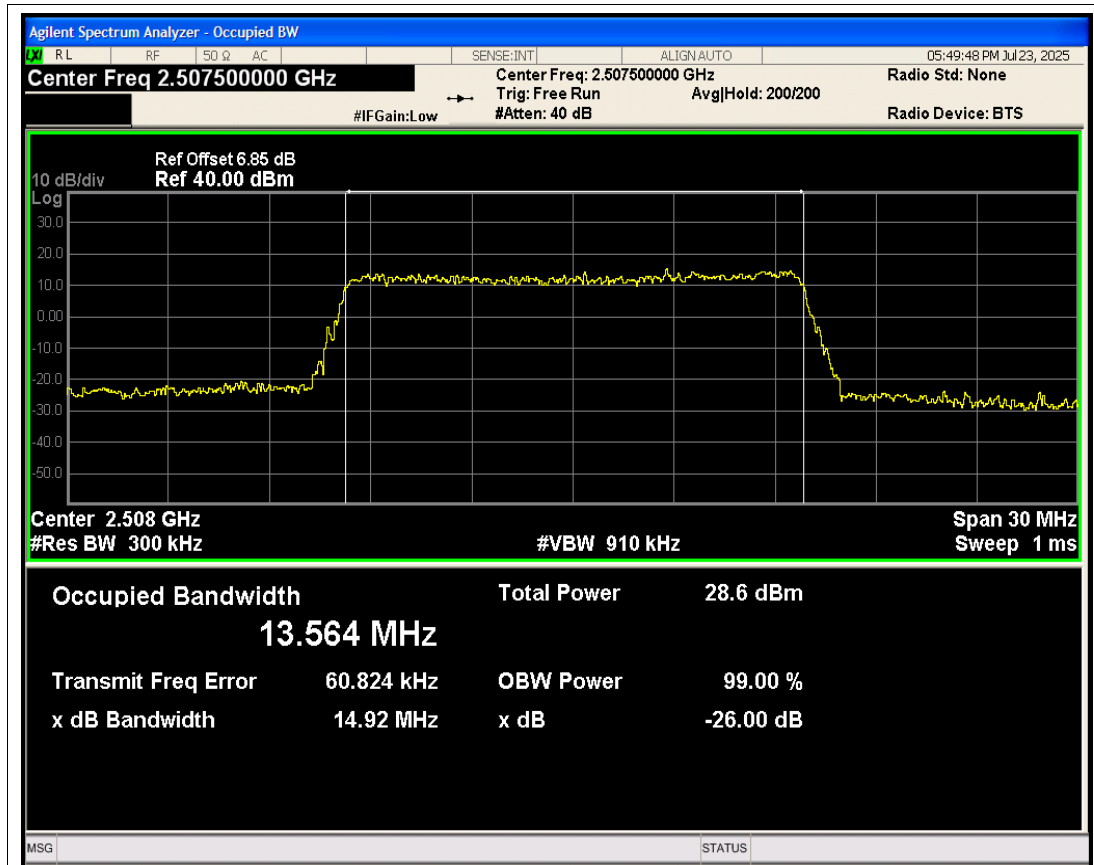
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT



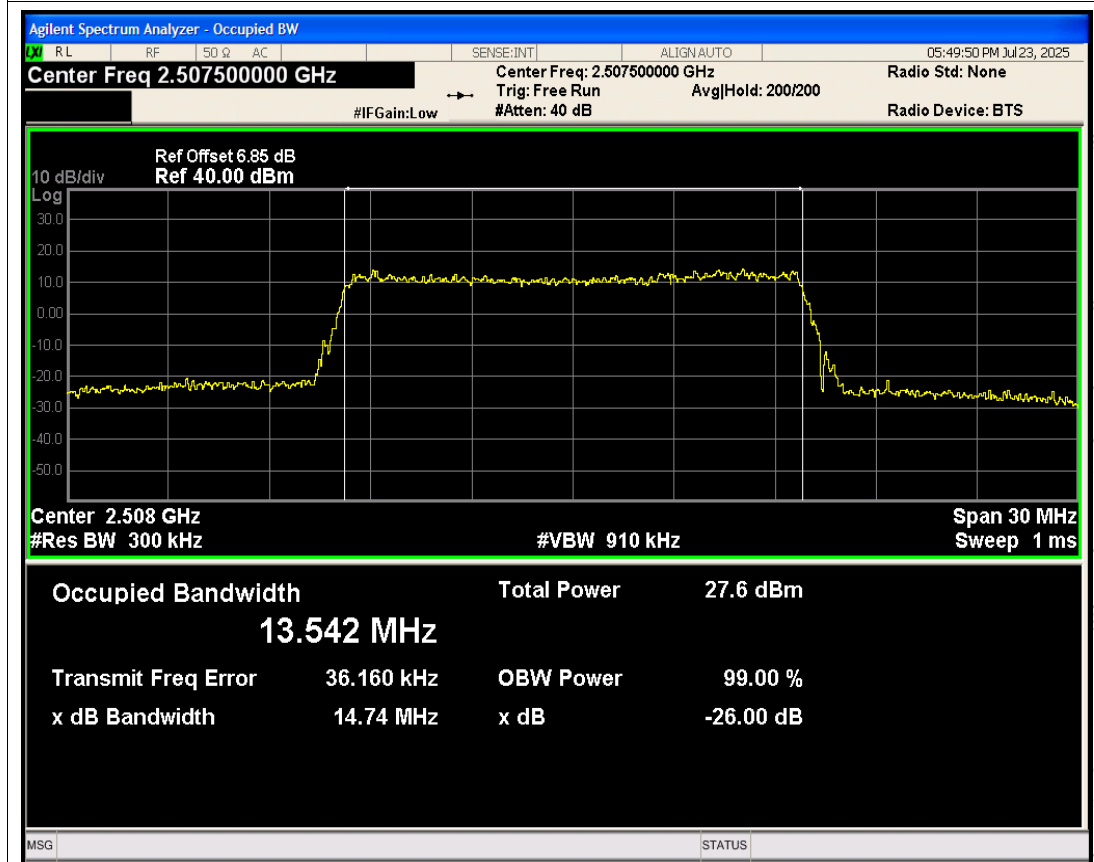
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



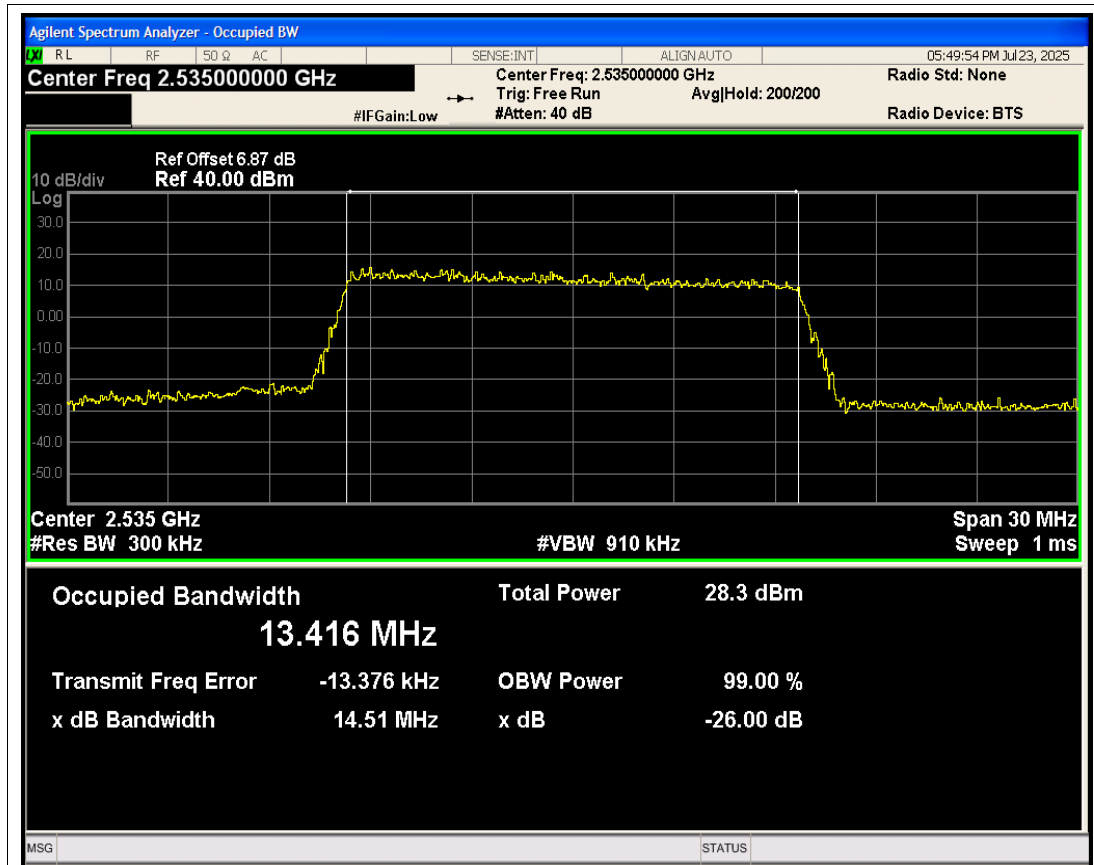
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



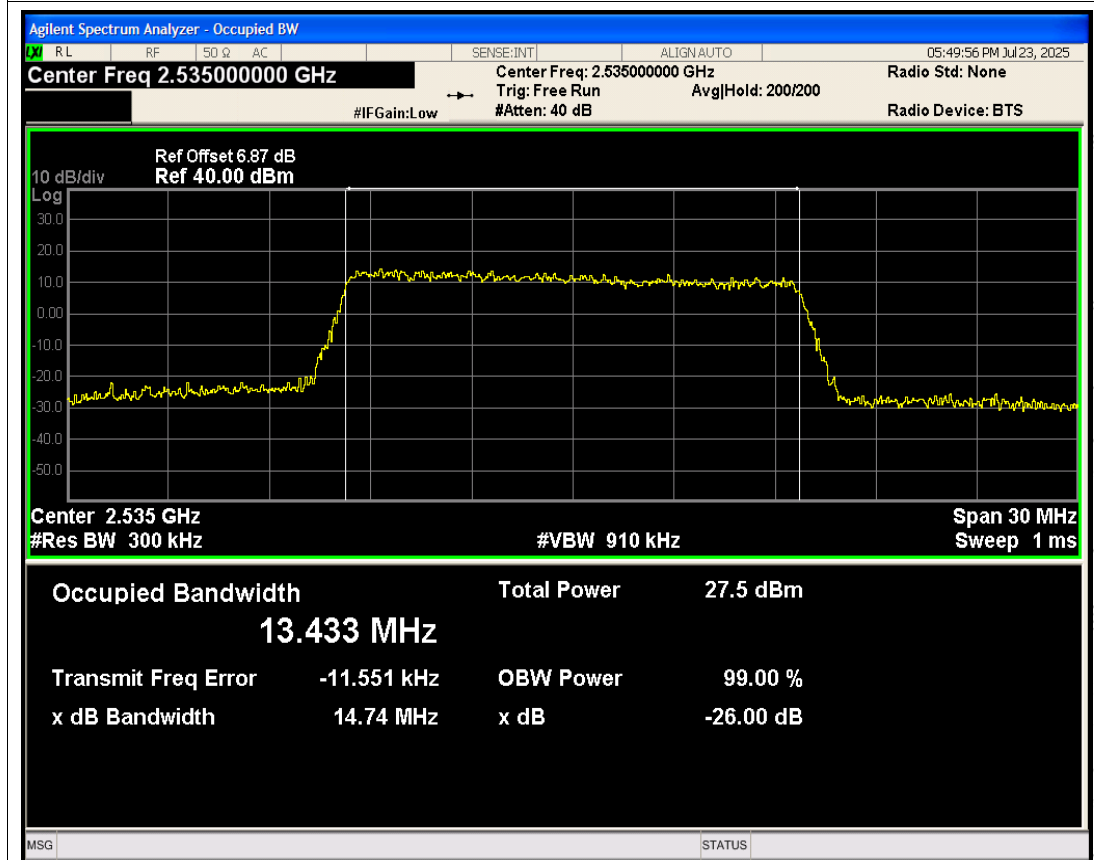
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT



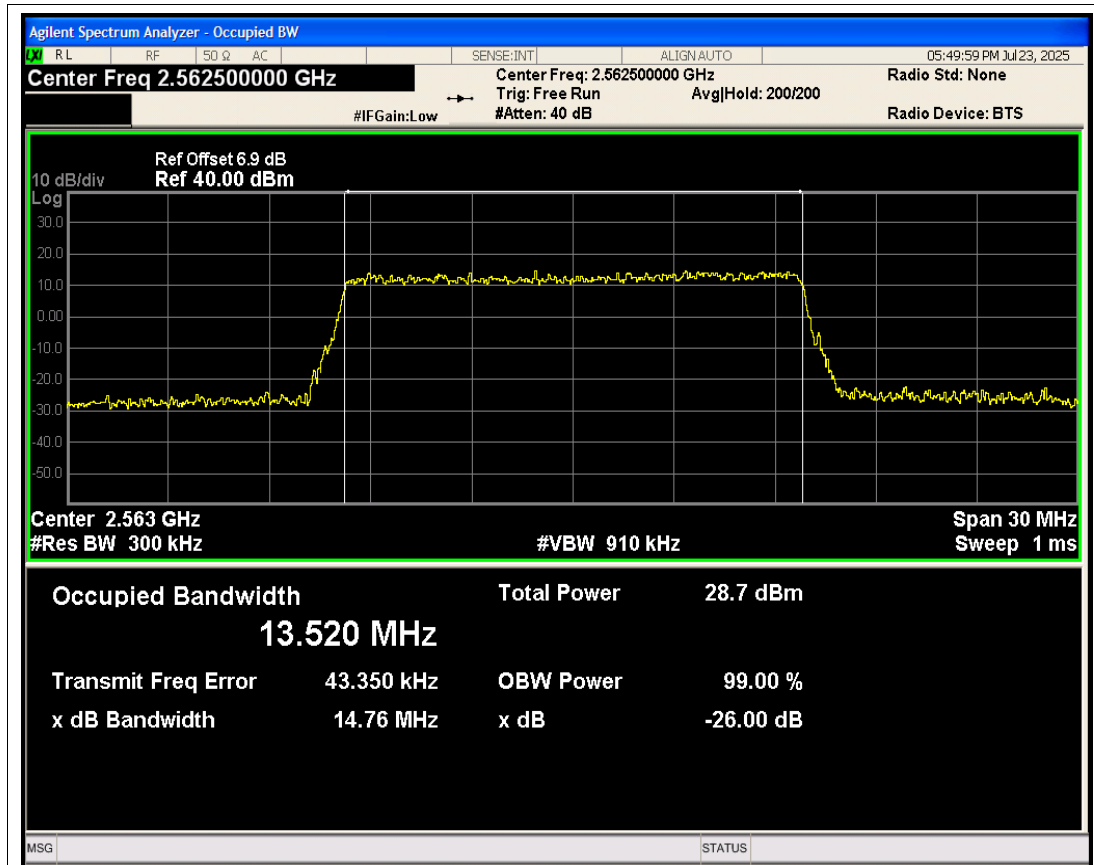
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT



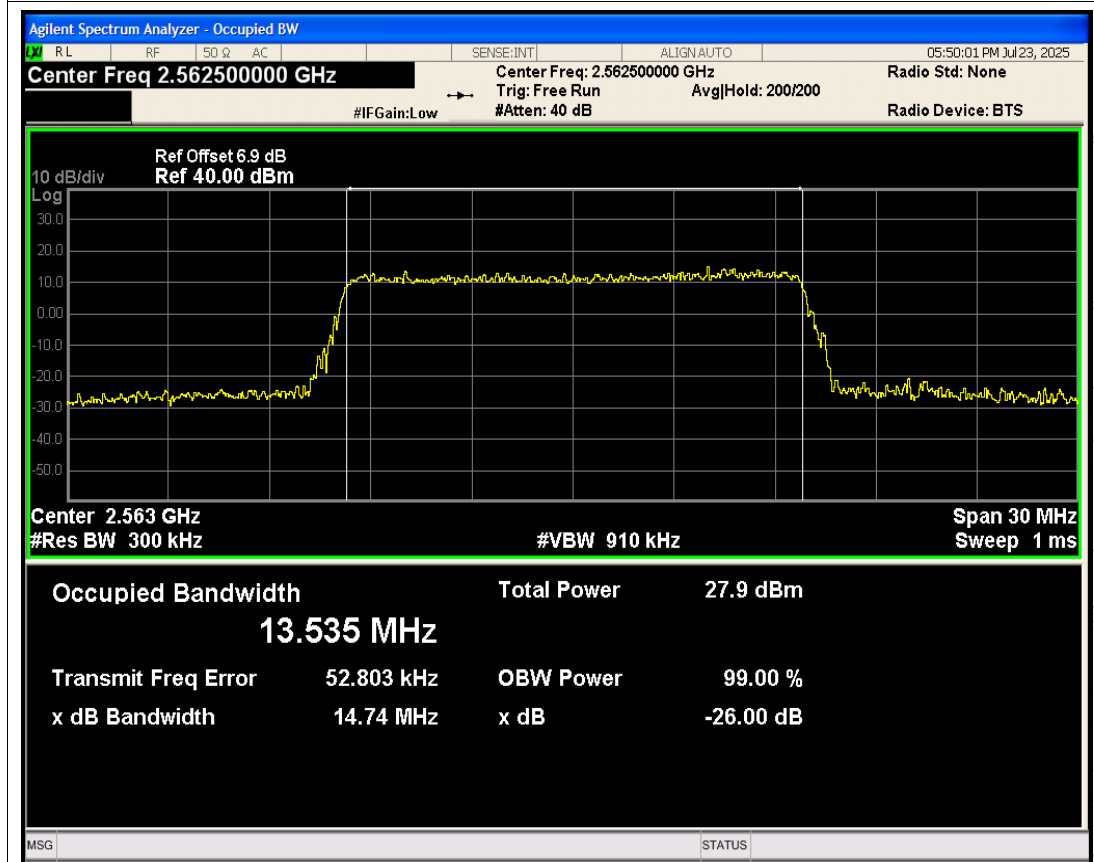
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT



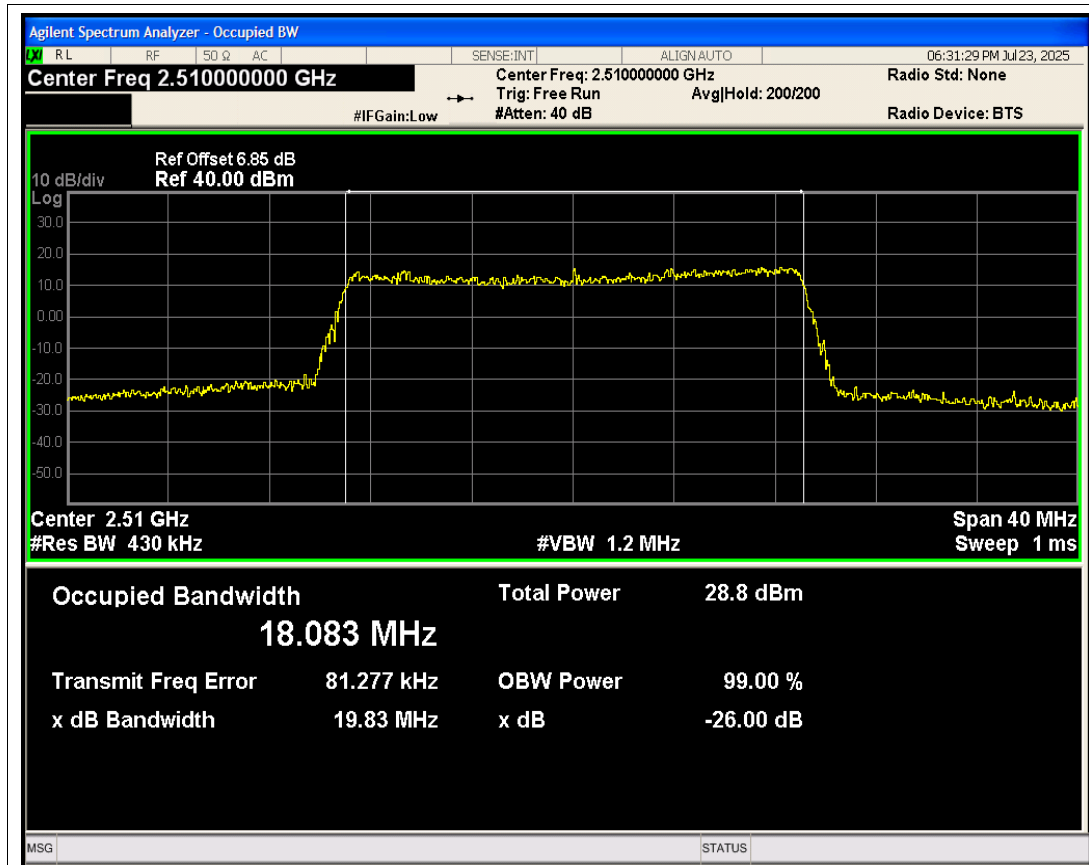
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT



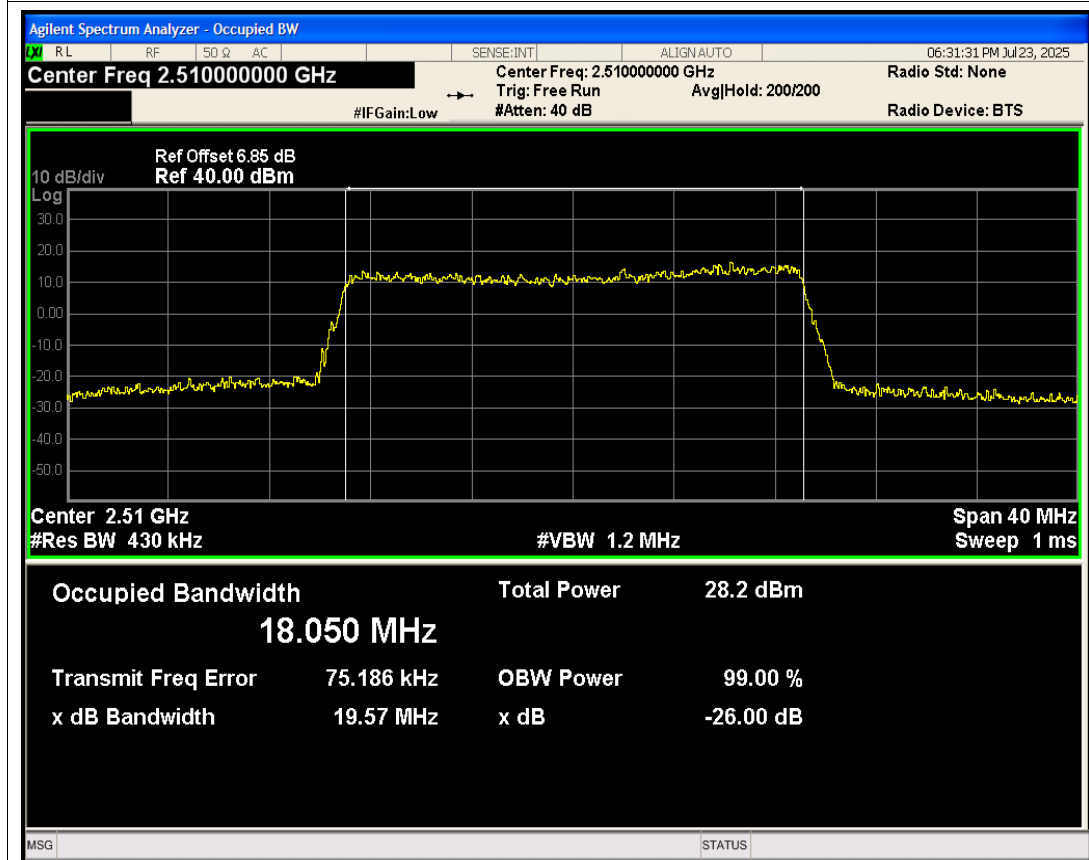
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



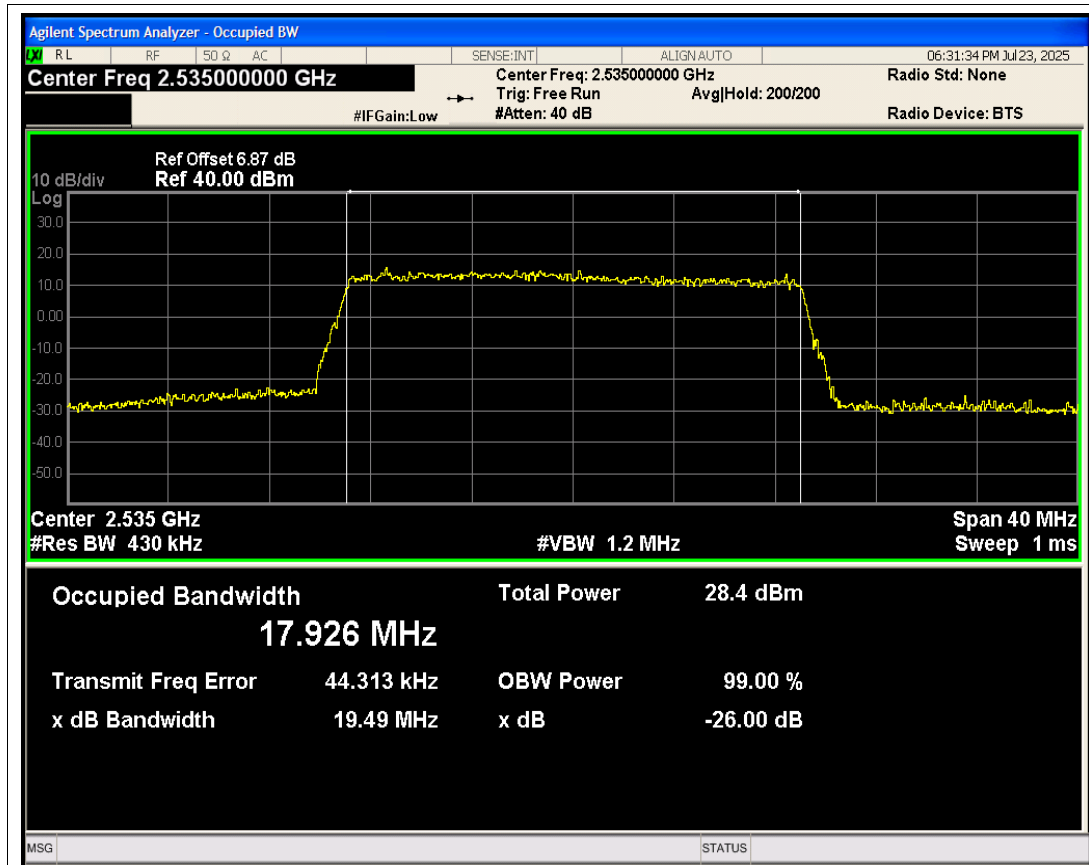
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



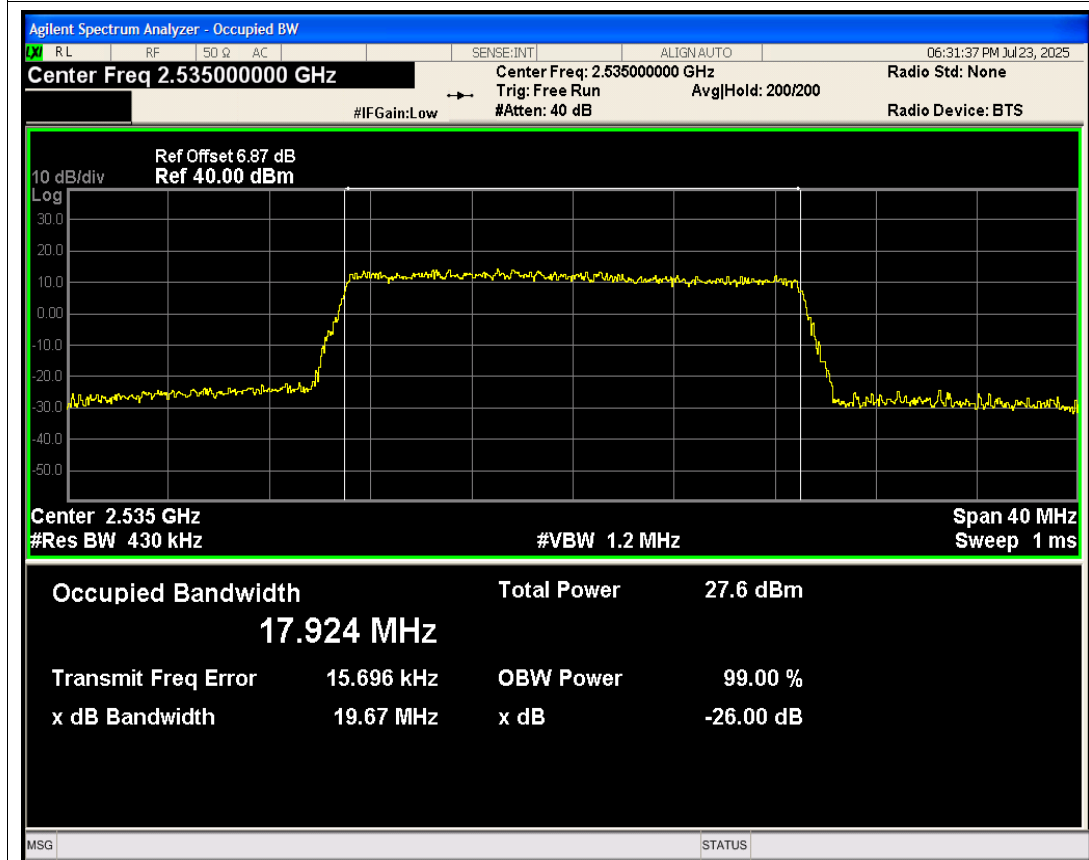
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT



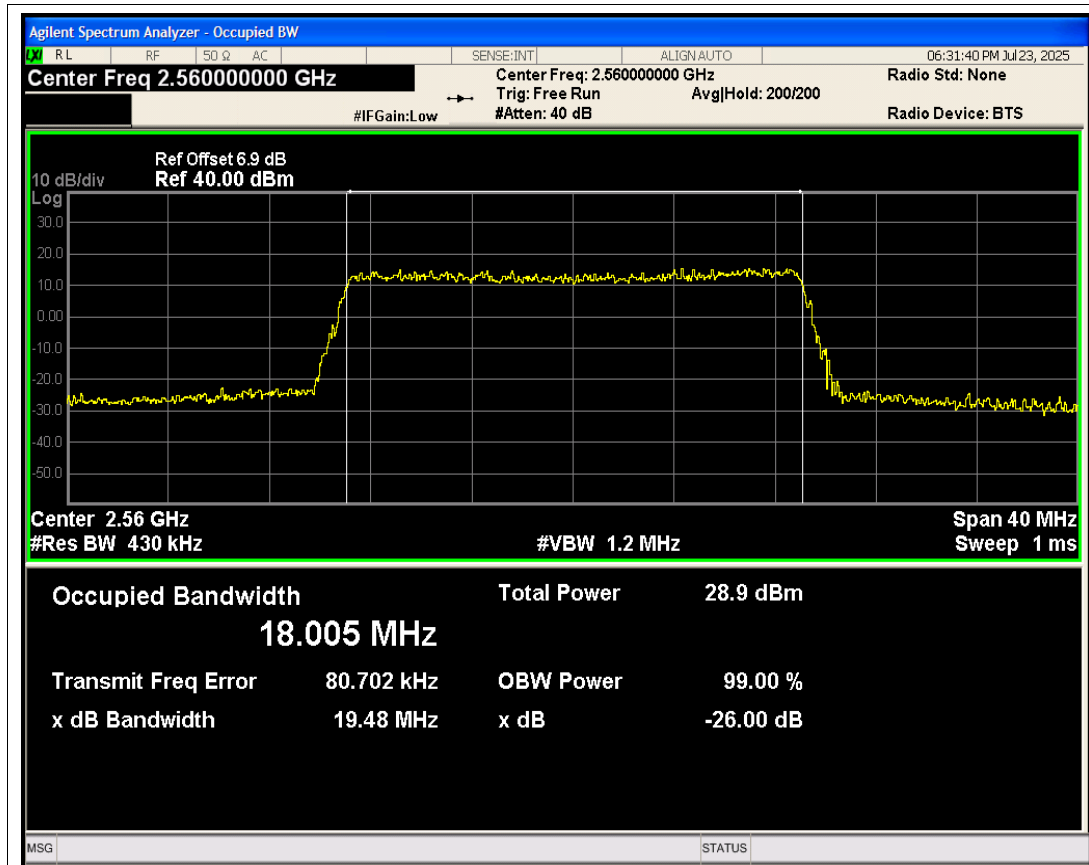
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT



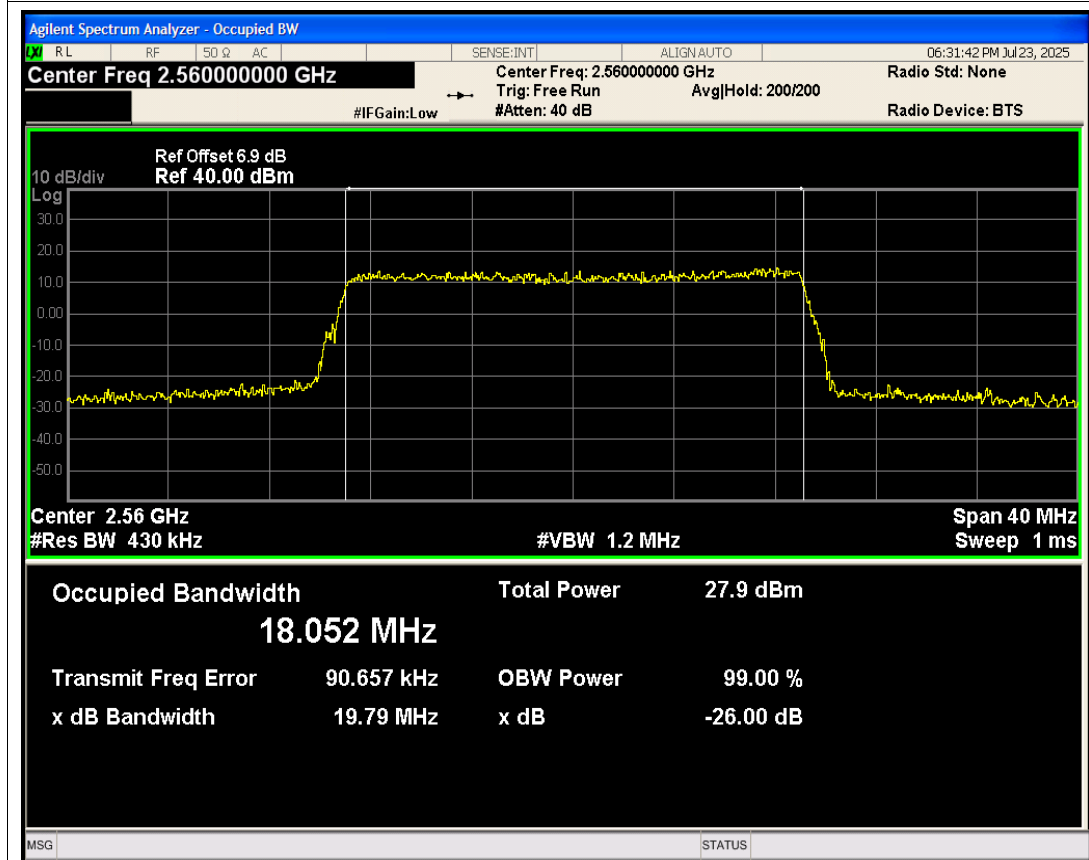
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0 NVNT



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



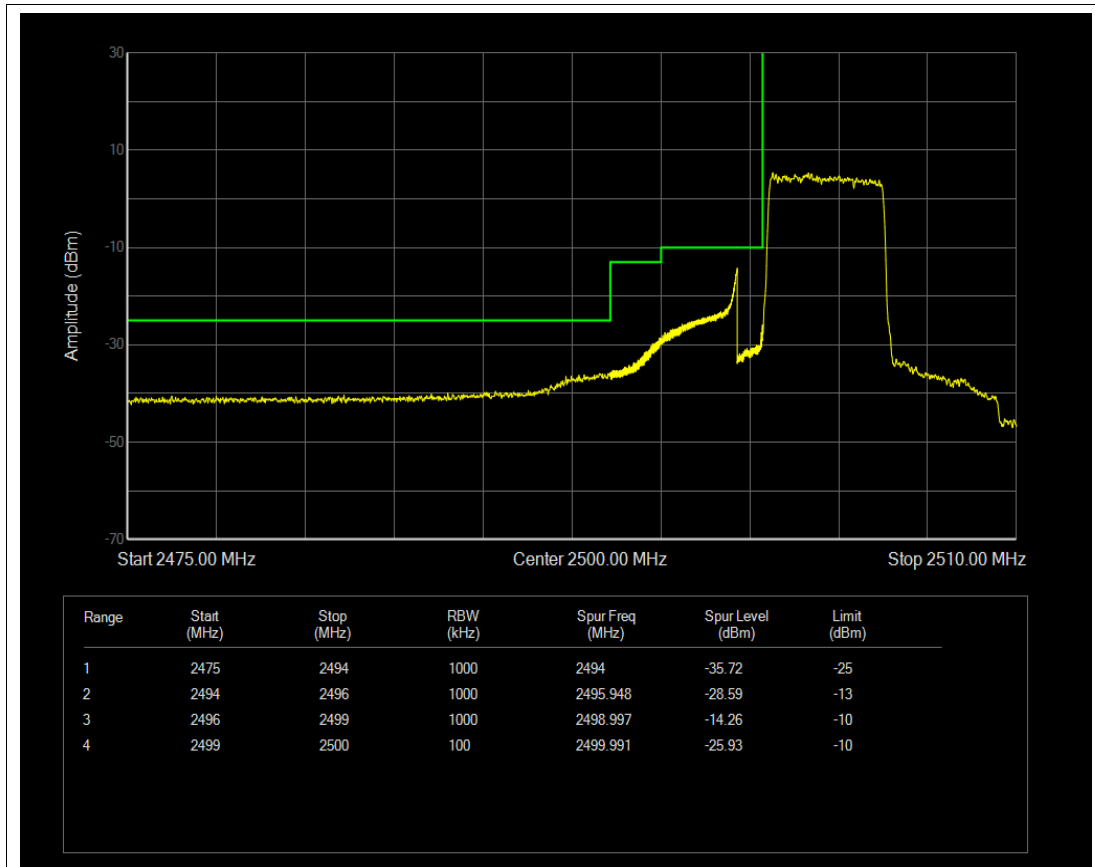
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT



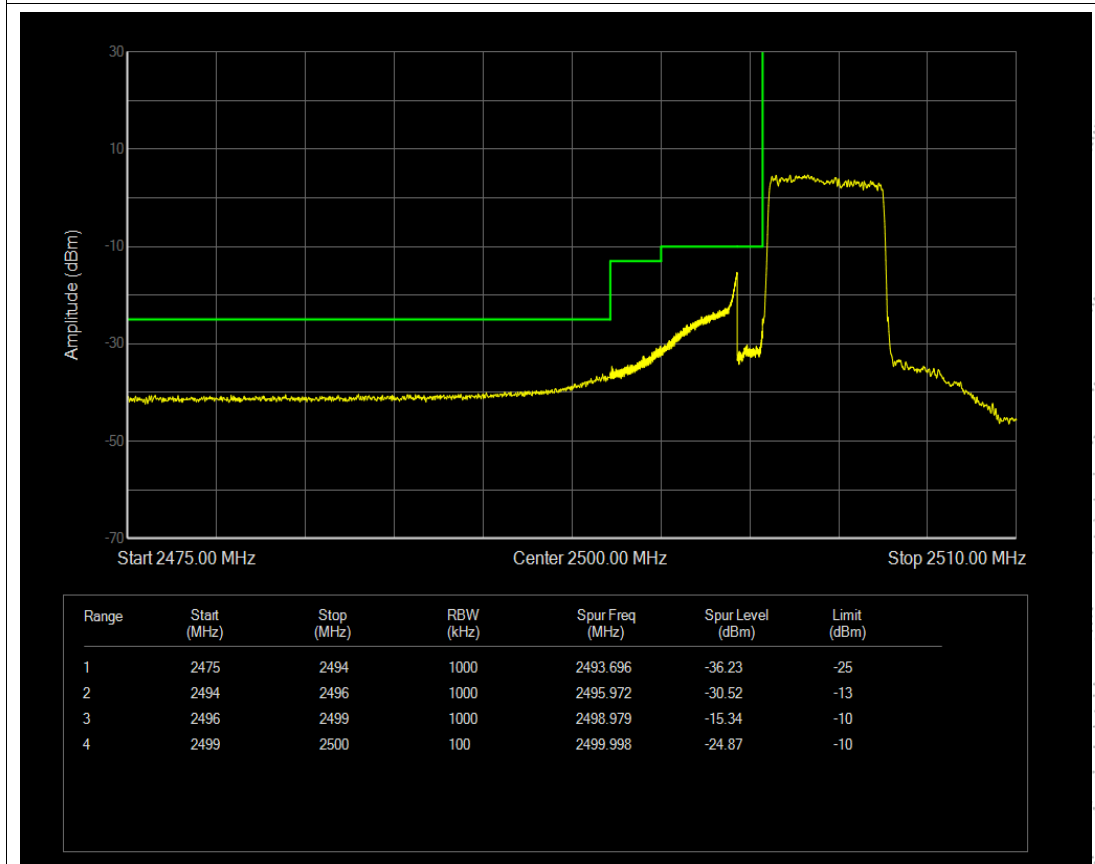
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT

Appendix 5. Band edge

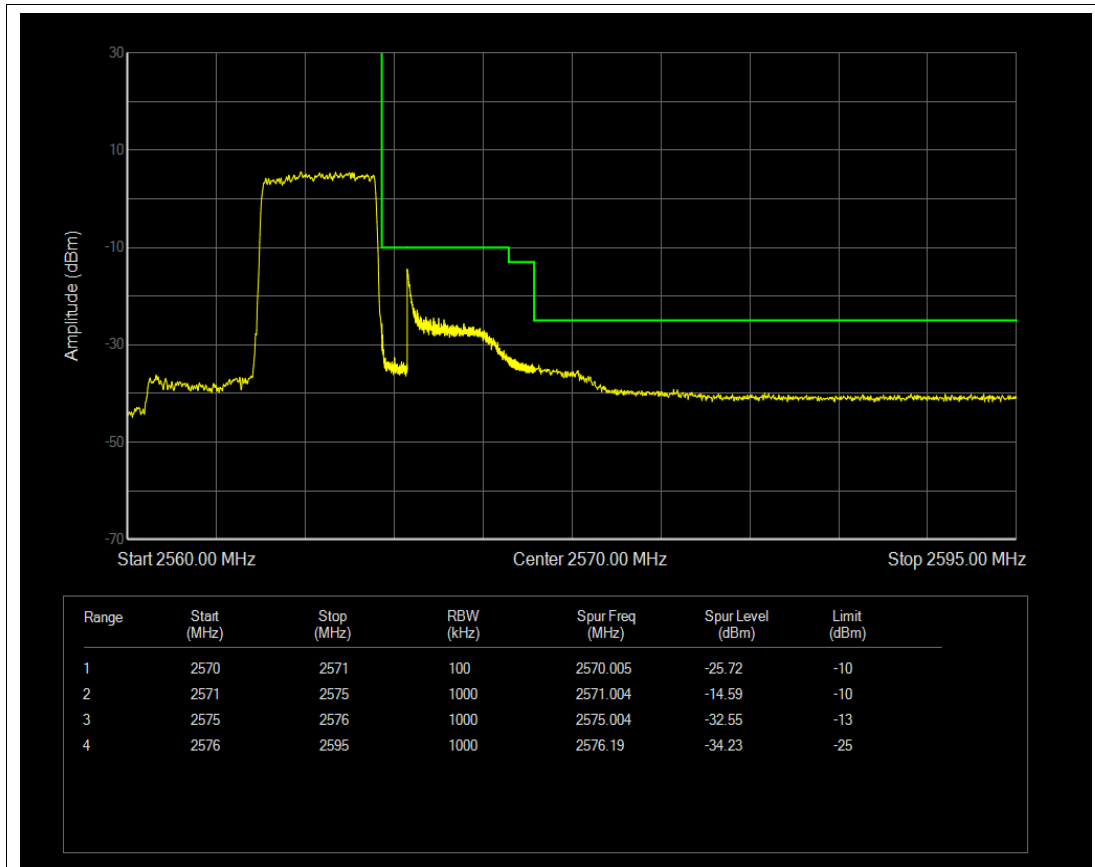
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	2499.00	-14.26	-10	PASS
Band7	5	20775	25	#0	16QAM	2498.98	-15.34	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.00	-14.59	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.01	-16.10	-10	PASS
Band7	10	20800	50	#0	QPSK	2499.00	-21.97	-10	PASS
Band7	10	20800	50	#0	16QAM	2489.97	-37.22	-25	PASS
Band7	10	21400	50	#0	QPSK	2580.92	-35.61	-25	PASS
Band7	10	21400	50	#0	16QAM	2580.26	-35.17	-25	PASS
Band7	15	20825	75	#0	QPSK	2495.96	-25.27	-13	PASS
Band7	15	20825	75	#0	16QAM	2495.86	-25.86	-13	PASS
Band7	15	21375	75	#0	QPSK	2585.02	-35.33	-25	PASS
Band7	15	21375	75	#0	16QAM	2585.01	-35.81	-25	PASS
Band7	20	20850	100	#0	QPSK	2495.90	-27.04	-13	PASS
Band7	20	20850	100	#0	16QAM	2495.71	-27.08	-13	PASS
Band7	20	21350	100	#0	QPSK	2590.04	-37.67	-25	PASS
Band7	20	21350	100	#0	16QAM	2590.32	-37.69	-25	PASS



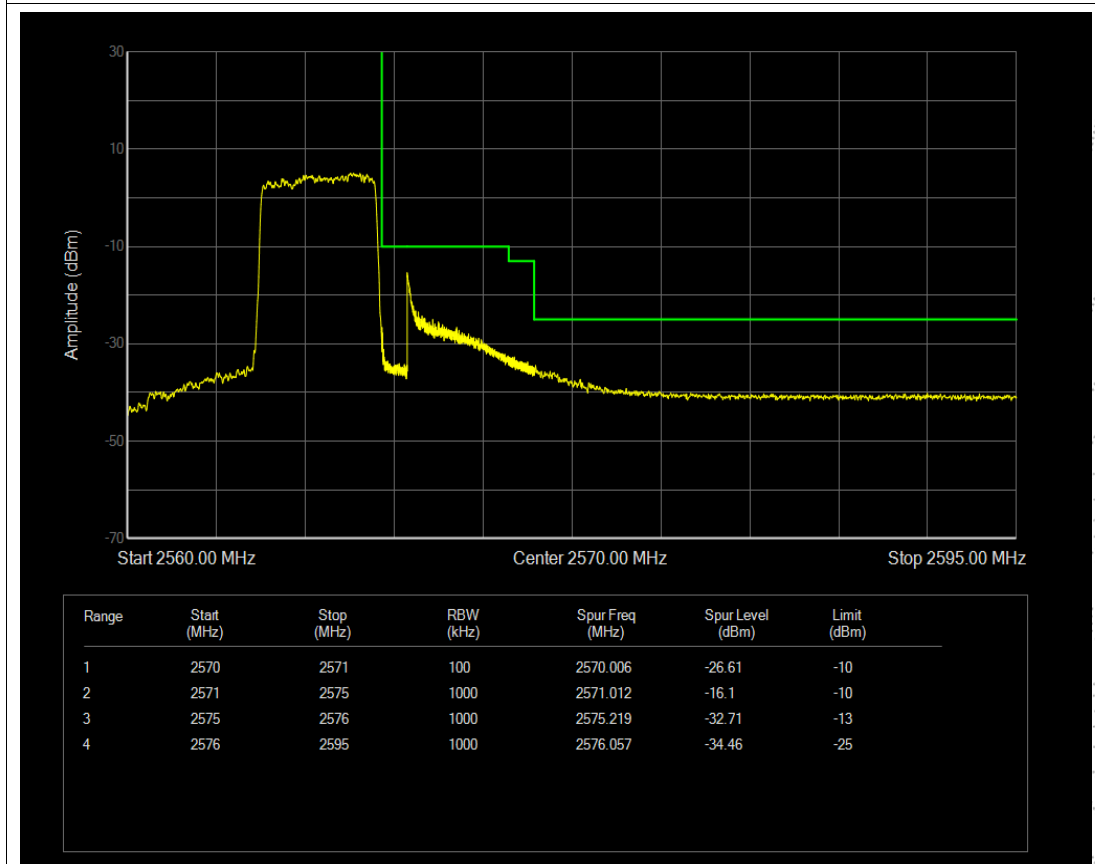
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



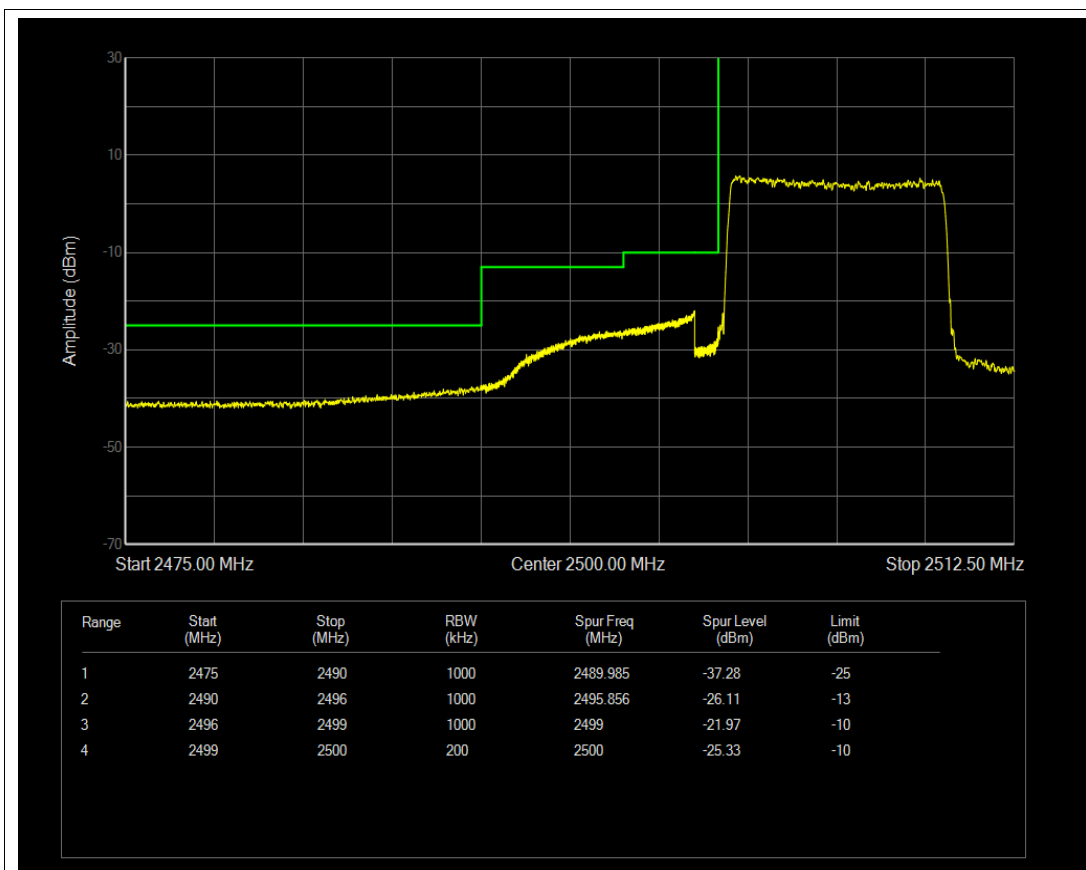
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



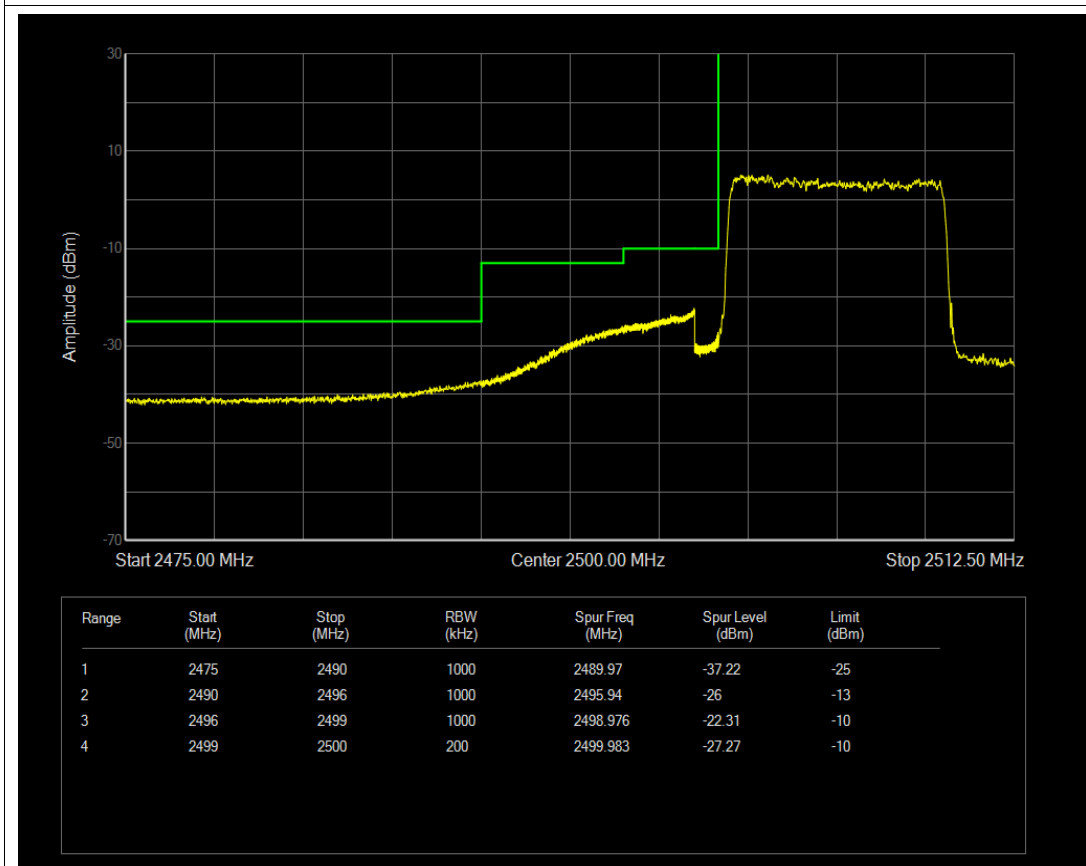
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT



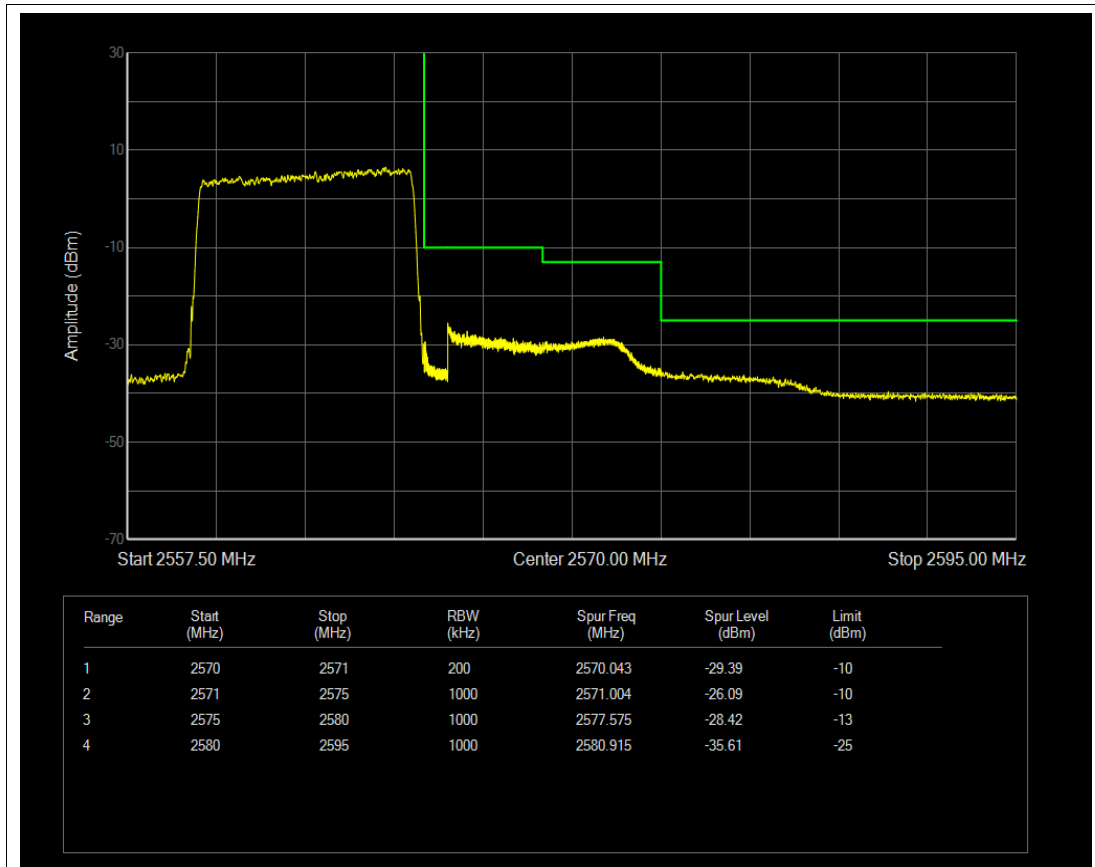
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT



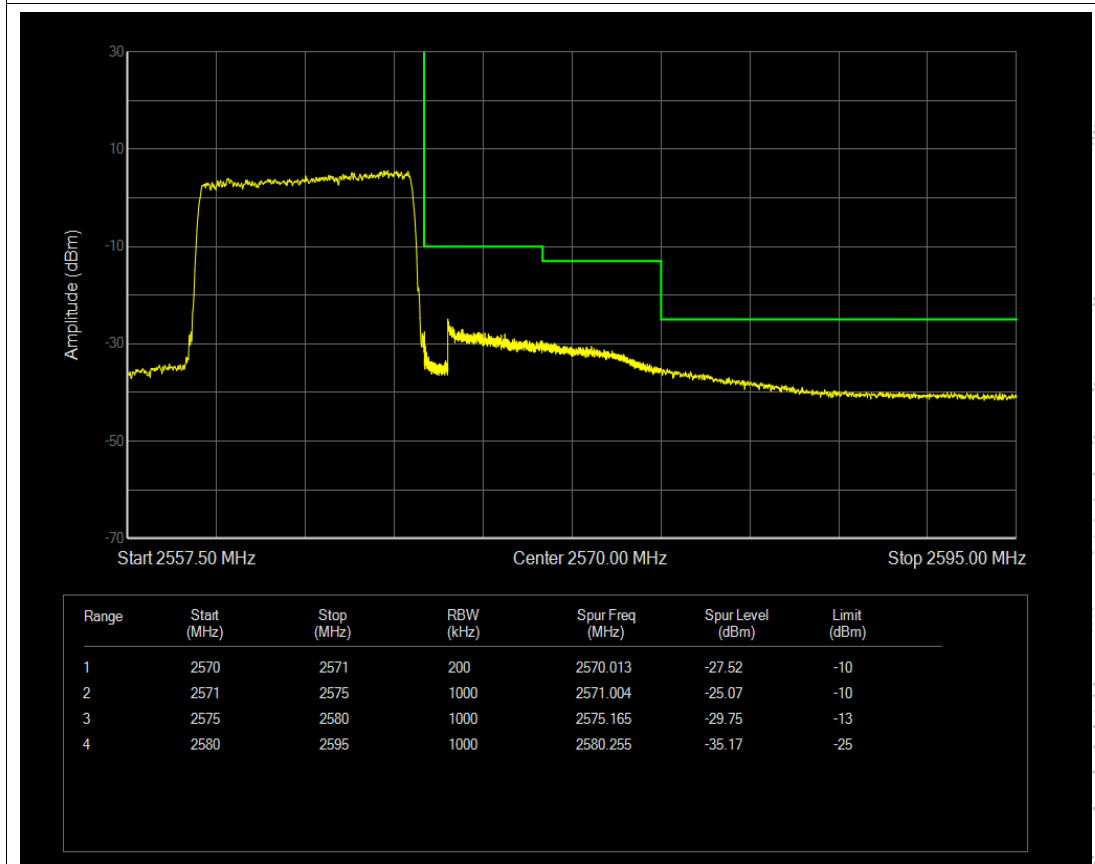
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



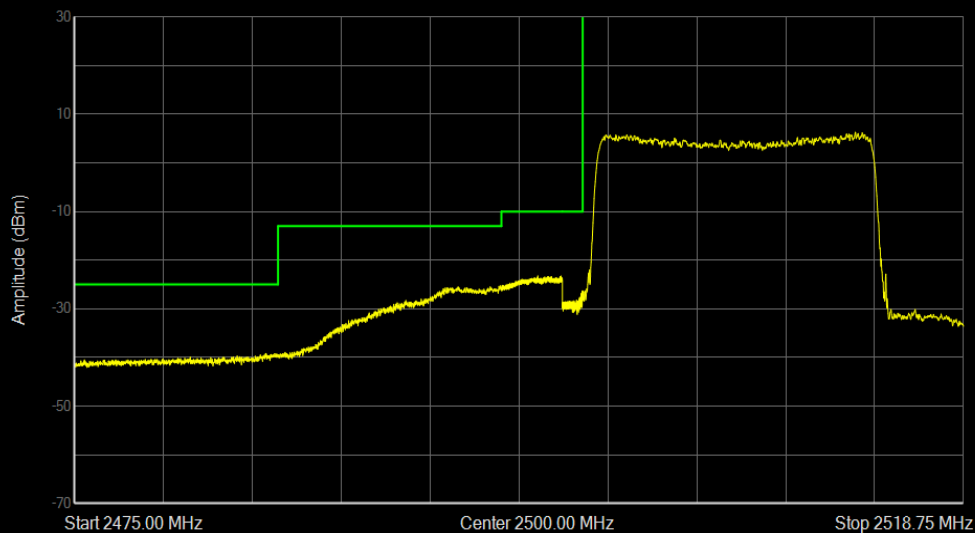
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



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

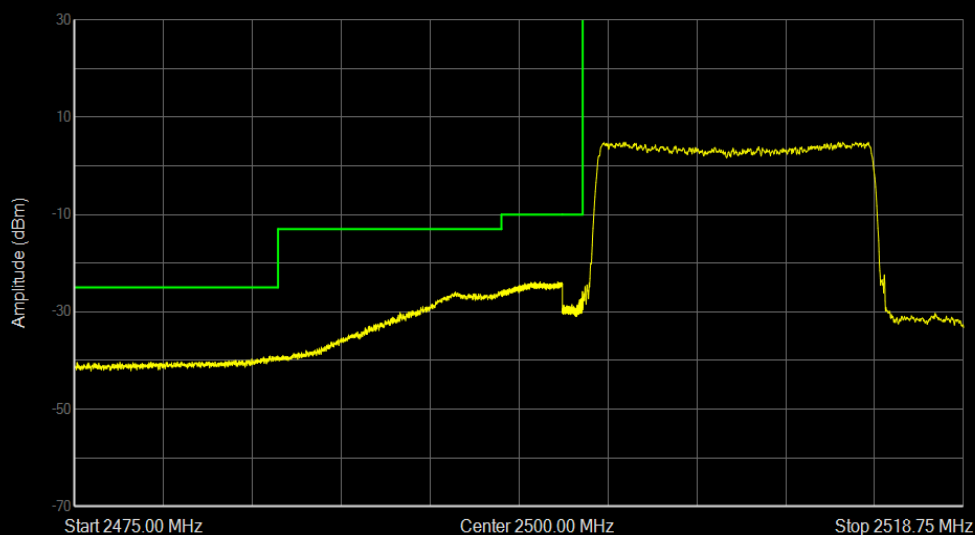


Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



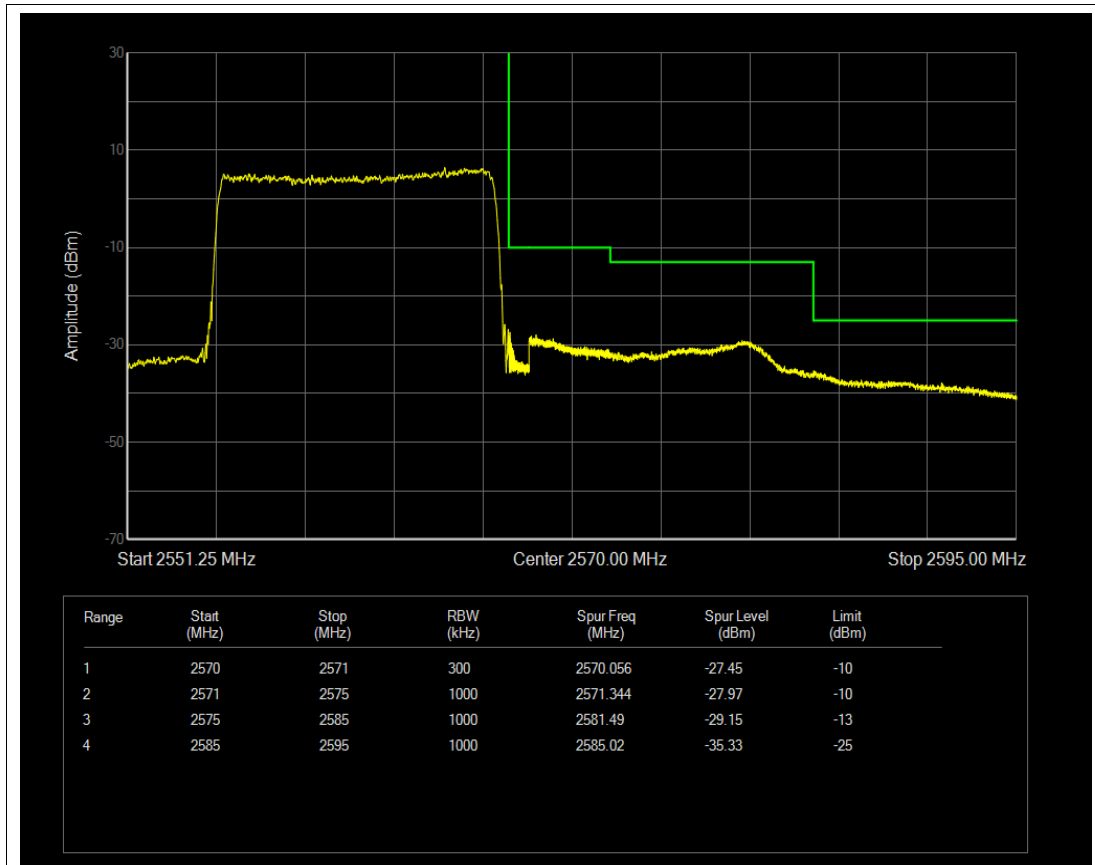
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.41	-39.16	-25
2	2485	2496	1000	2495.956	-25.27	-13
3	2496	2499	1000	2497.788	-23.24	-10
4	2499	2500	300	2499.994	-26.3	-10

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

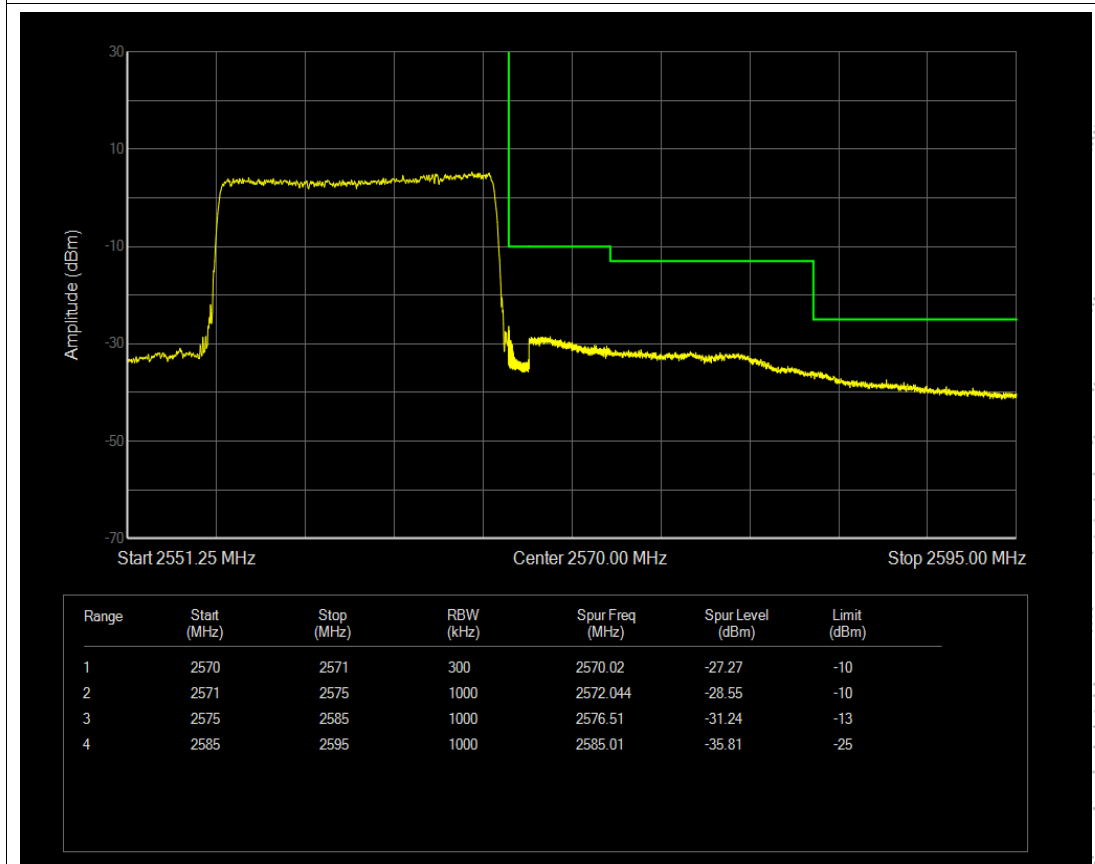


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.61	-39.09	-25
2	2485	2496	1000	2495.857	-25.86	-13
3	2496	2499	1000	2497.905	-23.83	-10
4	2499	2500	300	2499.987	-25.81	-10

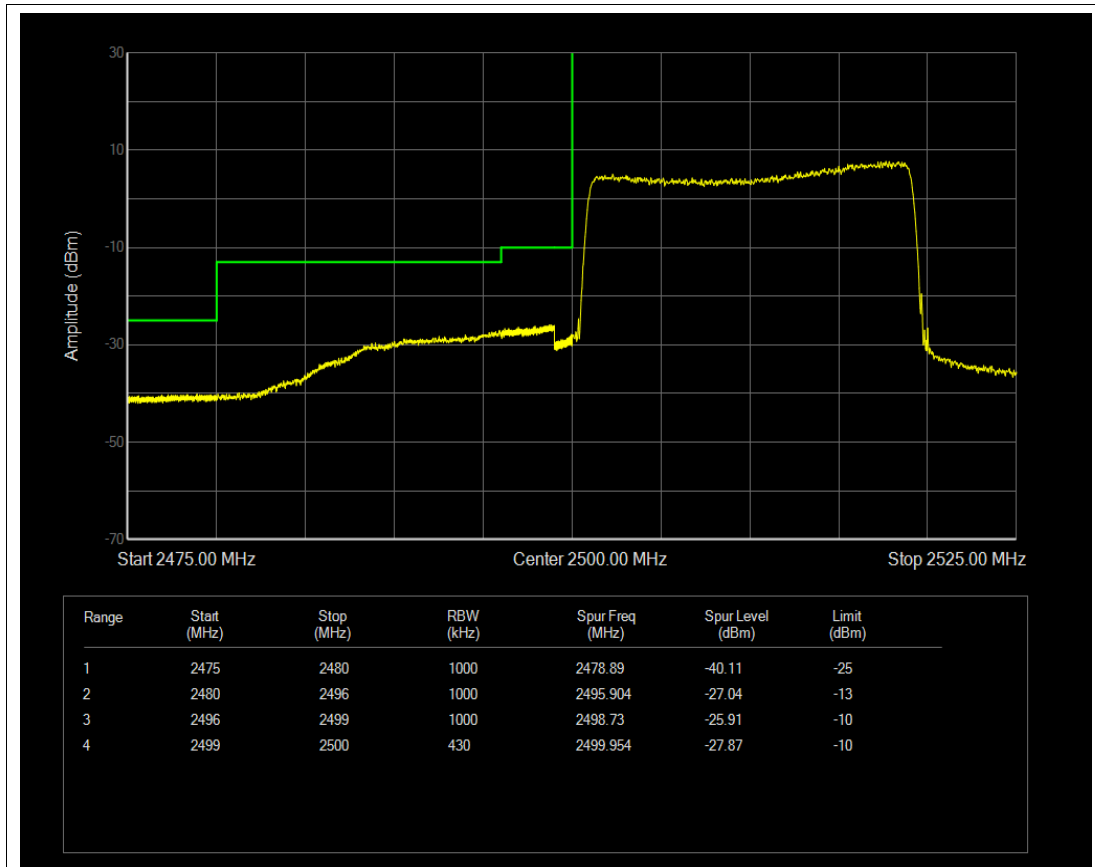
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT



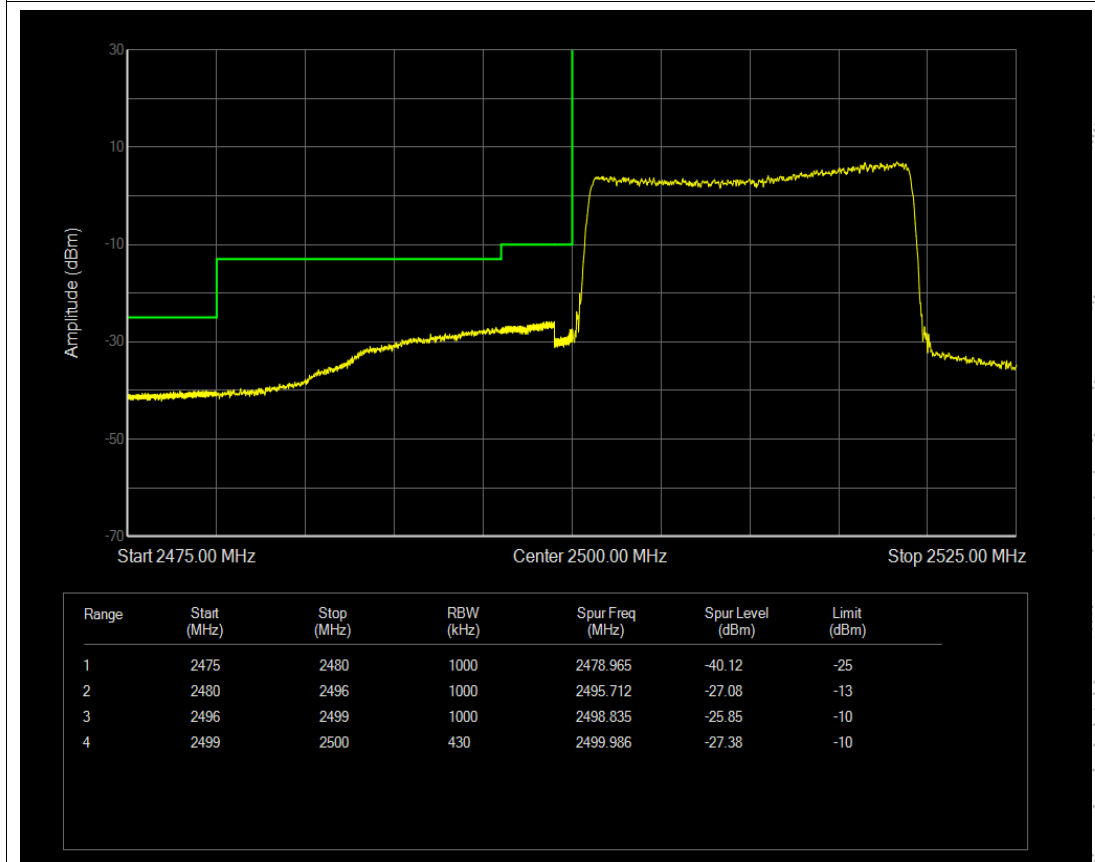
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



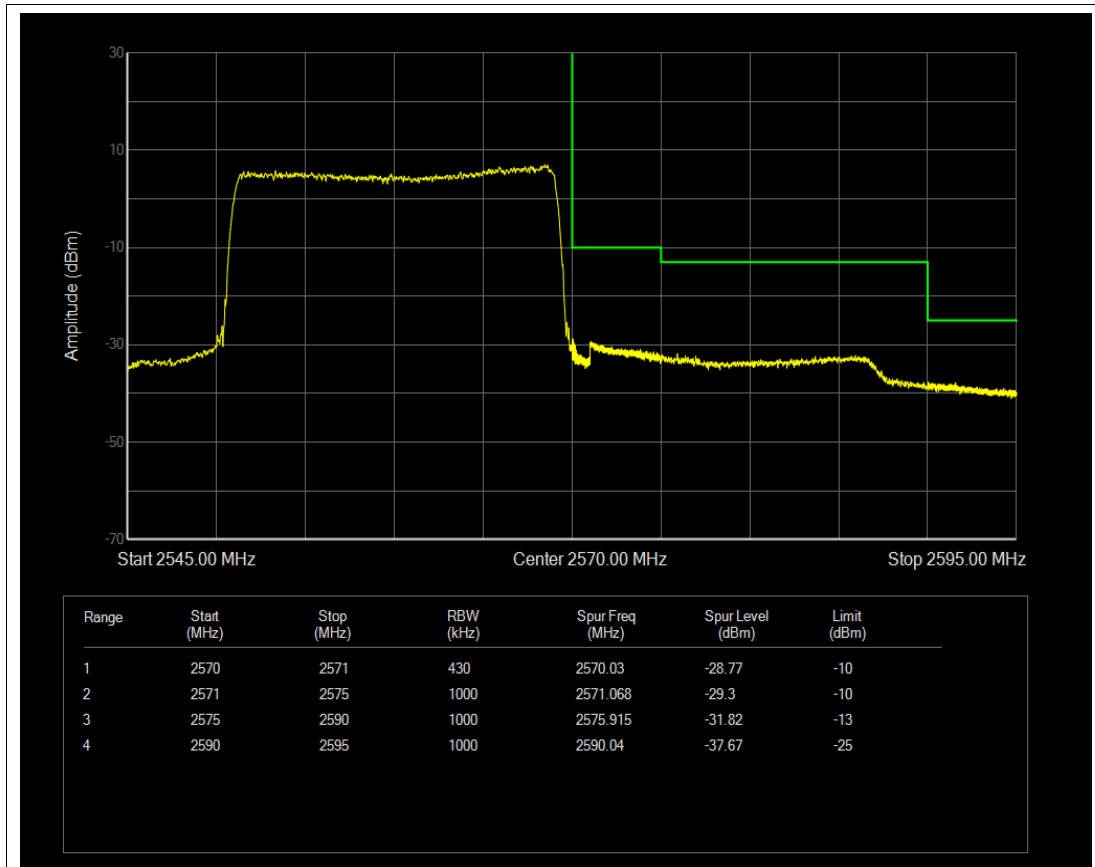
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



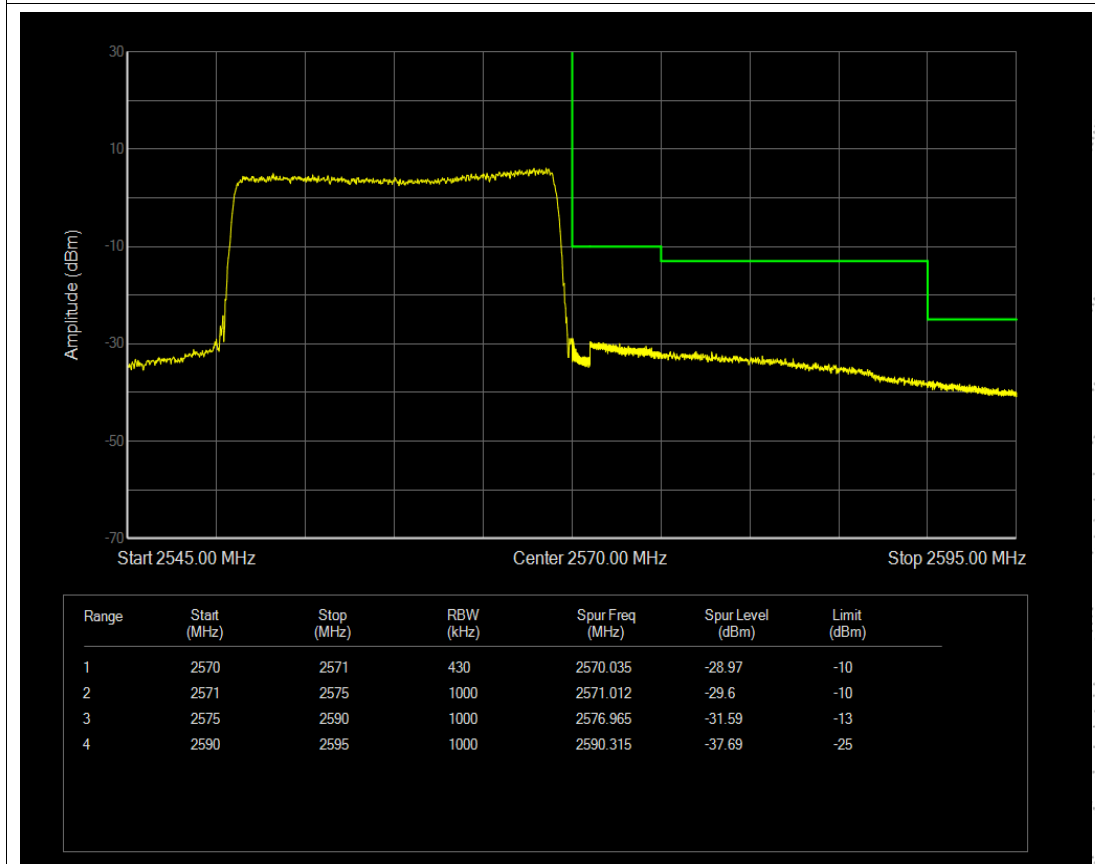
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT



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



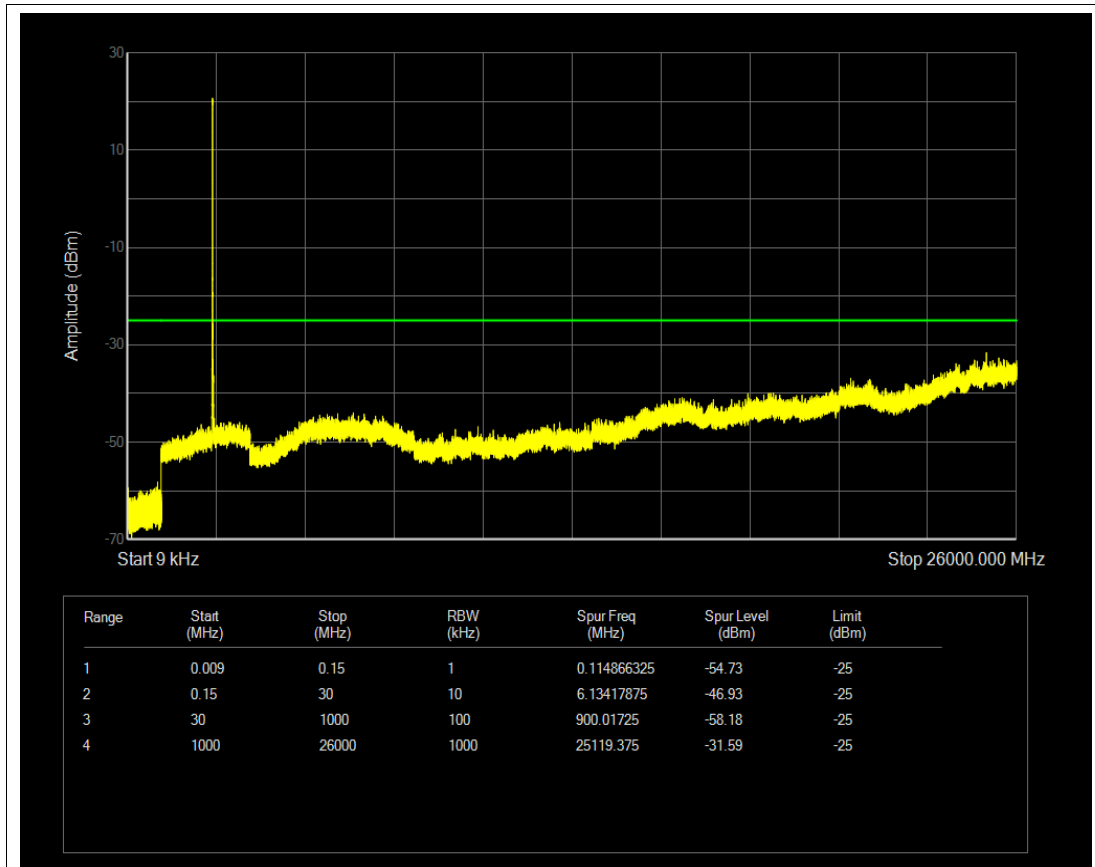
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT



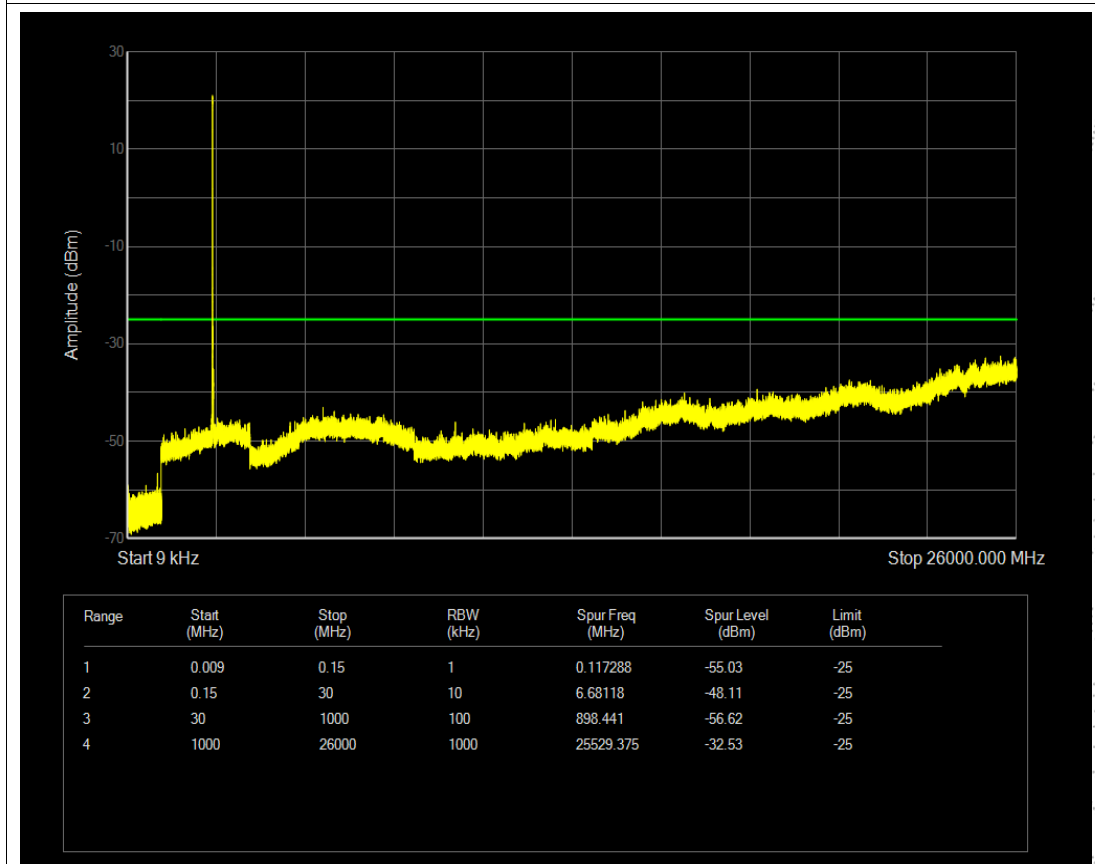
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0 NVNT

Appendix 6. Out-of-band emissions

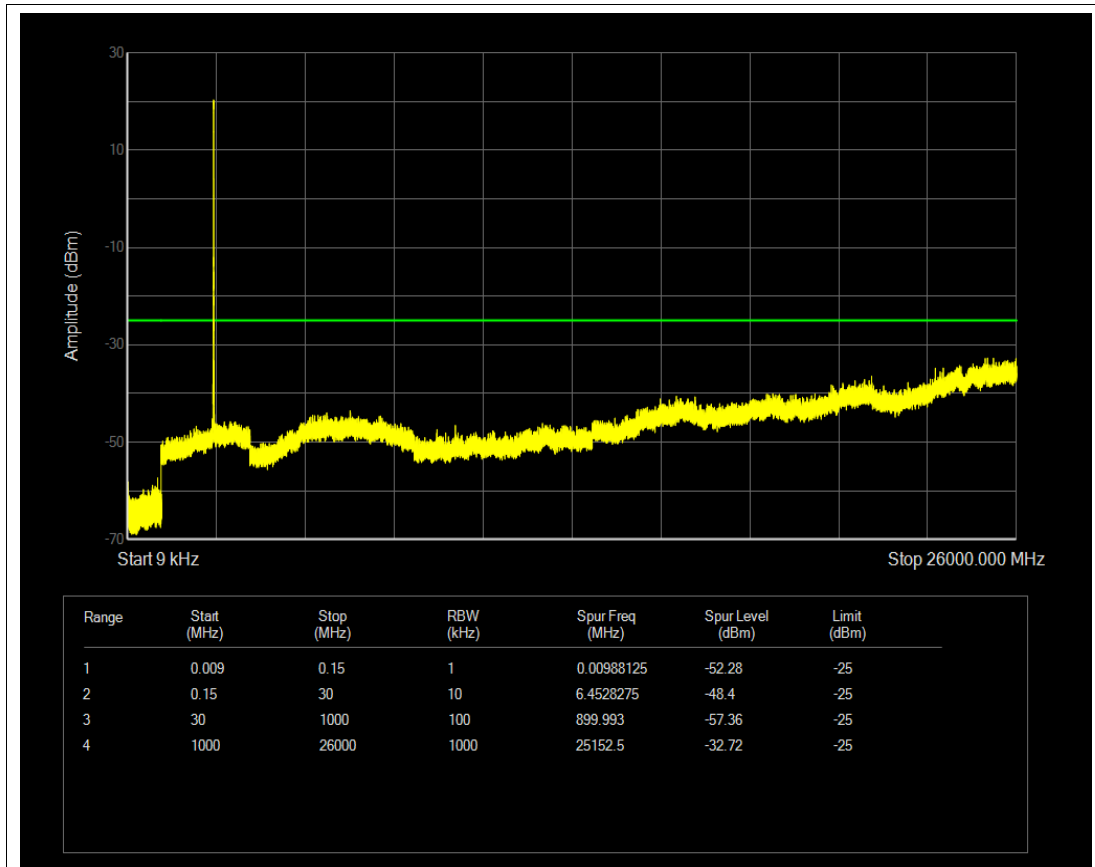
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	25119.38	-31.59	-25	PASS
Band7	5	20775	25	#0	16QAM	25529.38	-32.53	-25	PASS
Band7	5	21100	25	#0	QPSK	25152.50	-32.72	-25	PASS
Band7	5	21100	25	#0	16QAM	25714.38	-32.36	-25	PASS
Band7	5	21425	25	#0	QPSK	25448.13	-33.16	-25	PASS
Band7	5	21425	25	#0	16QAM	25781.88	-32.89	-25	PASS
Band7	10	20800	50	#0	QPSK	25162.50	-32.62	-25	PASS
Band7	10	20800	50	#0	16QAM	25846.25	-32.31	-25	PASS
Band7	10	21100	50	#0	QPSK	25176.88	-33.15	-25	PASS
Band7	10	21100	50	#0	16QAM	24676.88	-33.06	-25	PASS
Band7	10	21400	50	#0	QPSK	25655.63	-31.91	-25	PASS
Band7	10	21400	50	#0	16QAM	25968.75	-31.99	-25	PASS
Band7	15	20825	75	#0	QPSK	25673.75	-33.18	-25	PASS
Band7	15	20825	75	#0	16QAM	25120.00	-32.92	-25	PASS
Band7	15	21100	75	#0	QPSK	25034.38	-32.86	-25	PASS
Band7	15	21100	75	#0	16QAM	25820.00	-32.88	-25	PASS
Band7	15	21375	75	#0	QPSK	25766.88	-32.02	-25	PASS
Band7	15	21375	75	#0	16QAM	25981.25	-32.76	-25	PASS
Band7	20	20850	100	#0	QPSK	25073.75	-33.04	-25	PASS
Band7	20	20850	100	#0	16QAM	25395.00	-32.32	-25	PASS
Band7	20	21100	100	#0	QPSK	25253.13	-32.92	-25	PASS
Band7	20	21100	100	#0	16QAM	25574.38	-32.70	-25	PASS
Band7	20	21350	100	#0	QPSK	25995.63	-32.84	-25	PASS
Band7	20	21350	100	#0	16QAM	24705.63	-32.04	-25	PASS



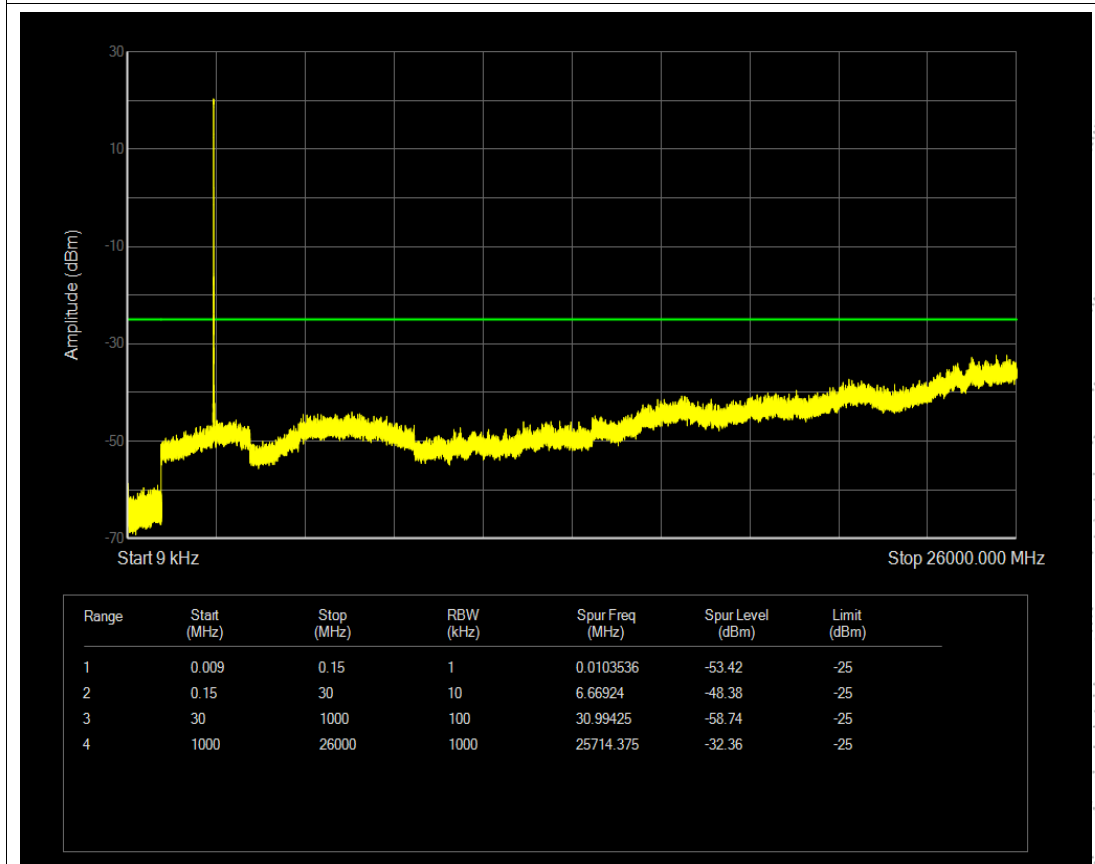
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



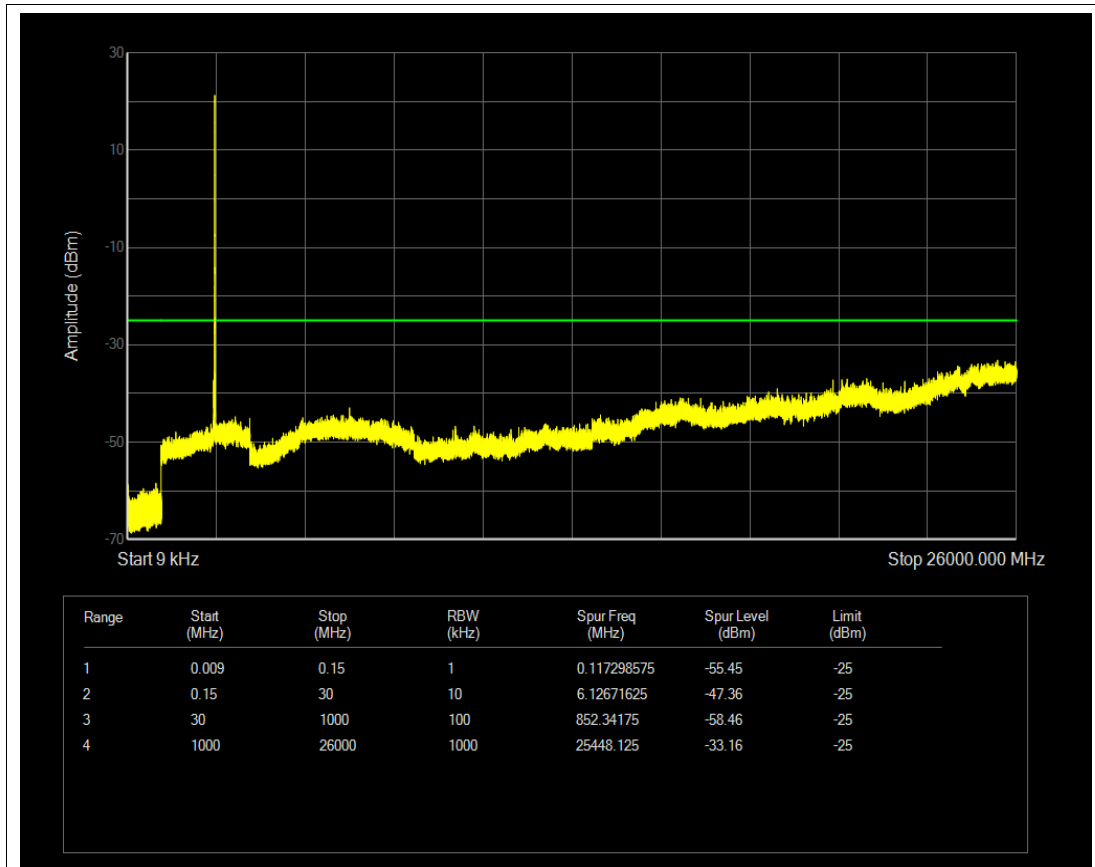
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0 NVNT



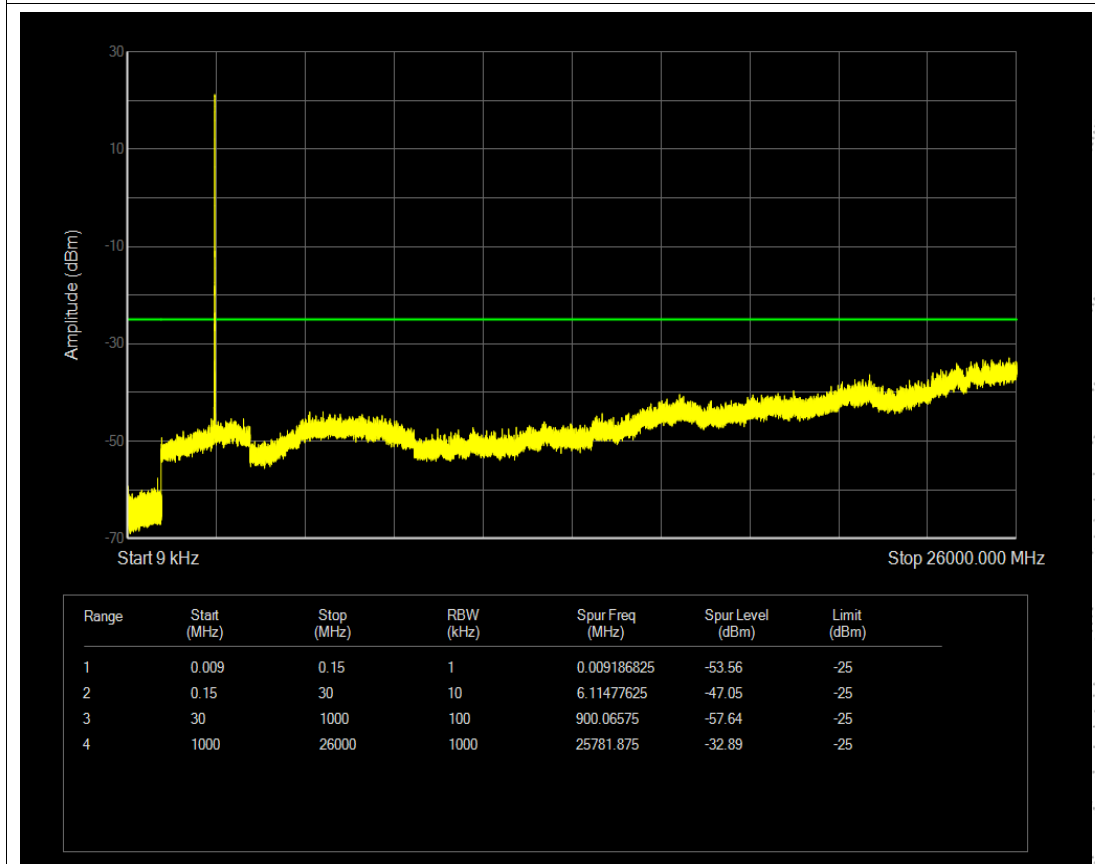
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT



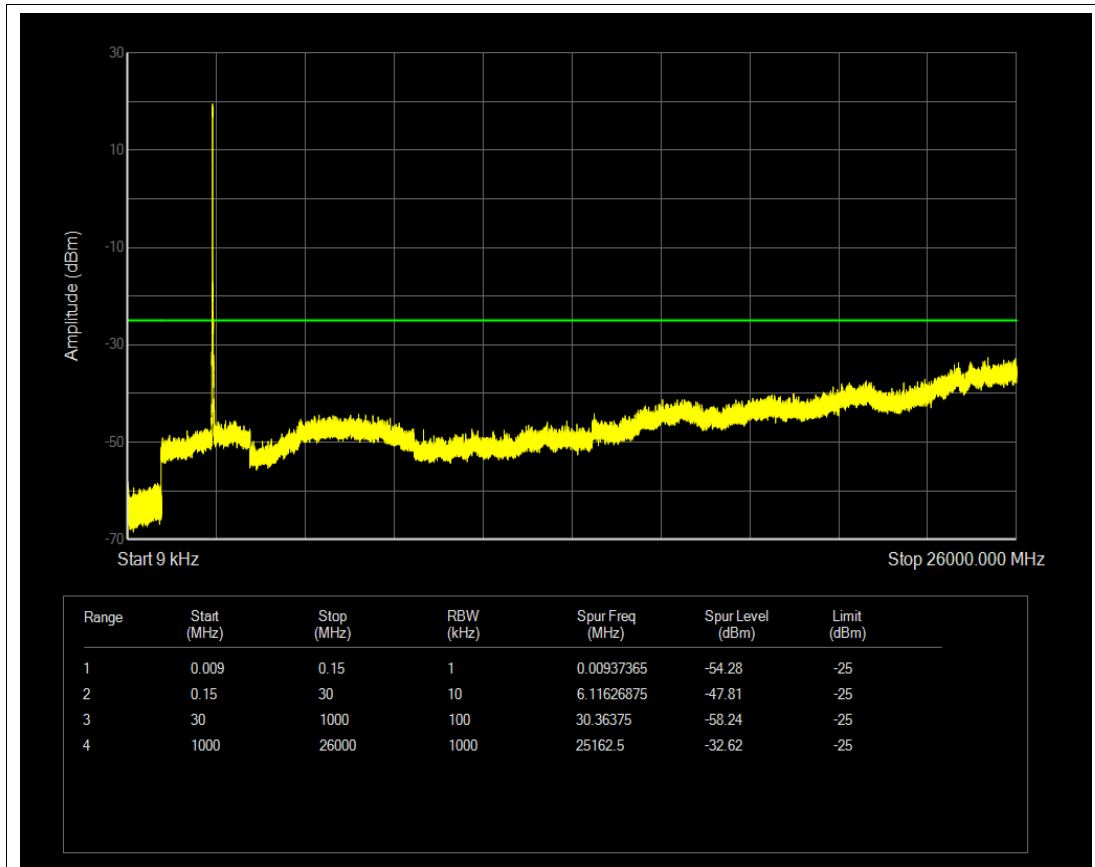
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0 NVNT



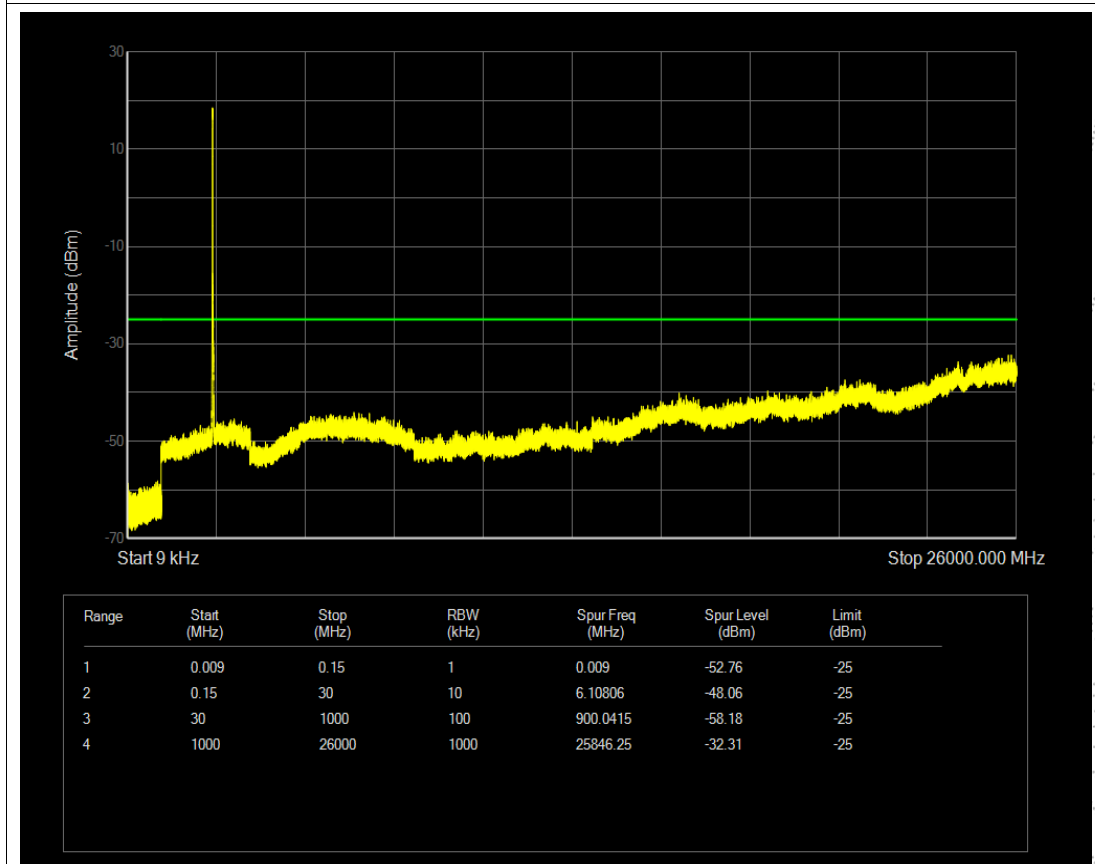
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT



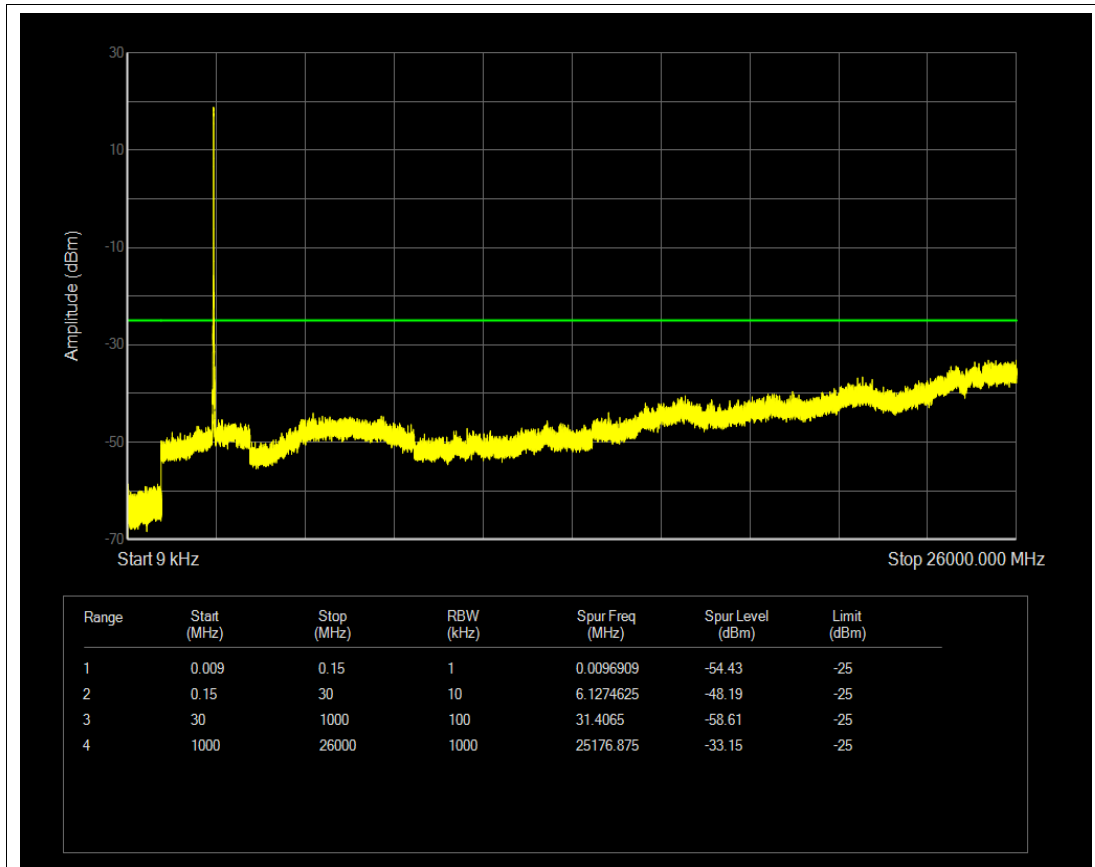
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0 NVNT



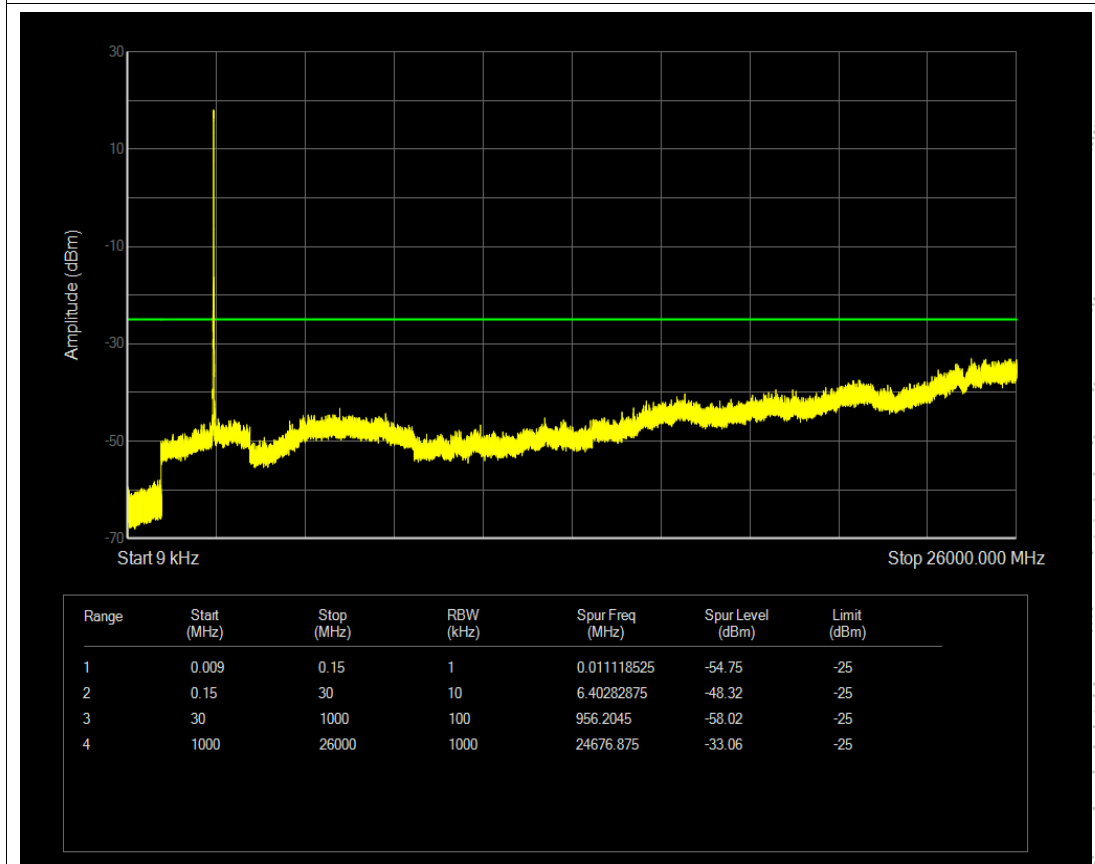
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



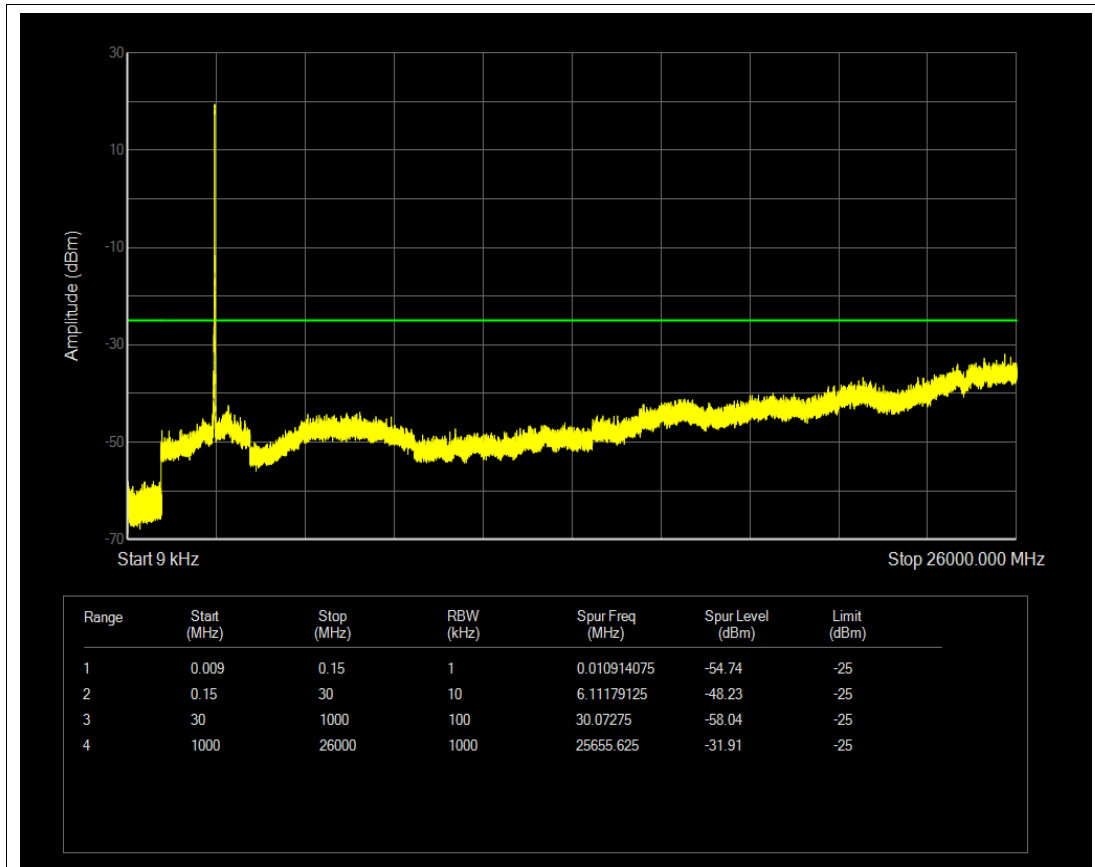
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 NVNT



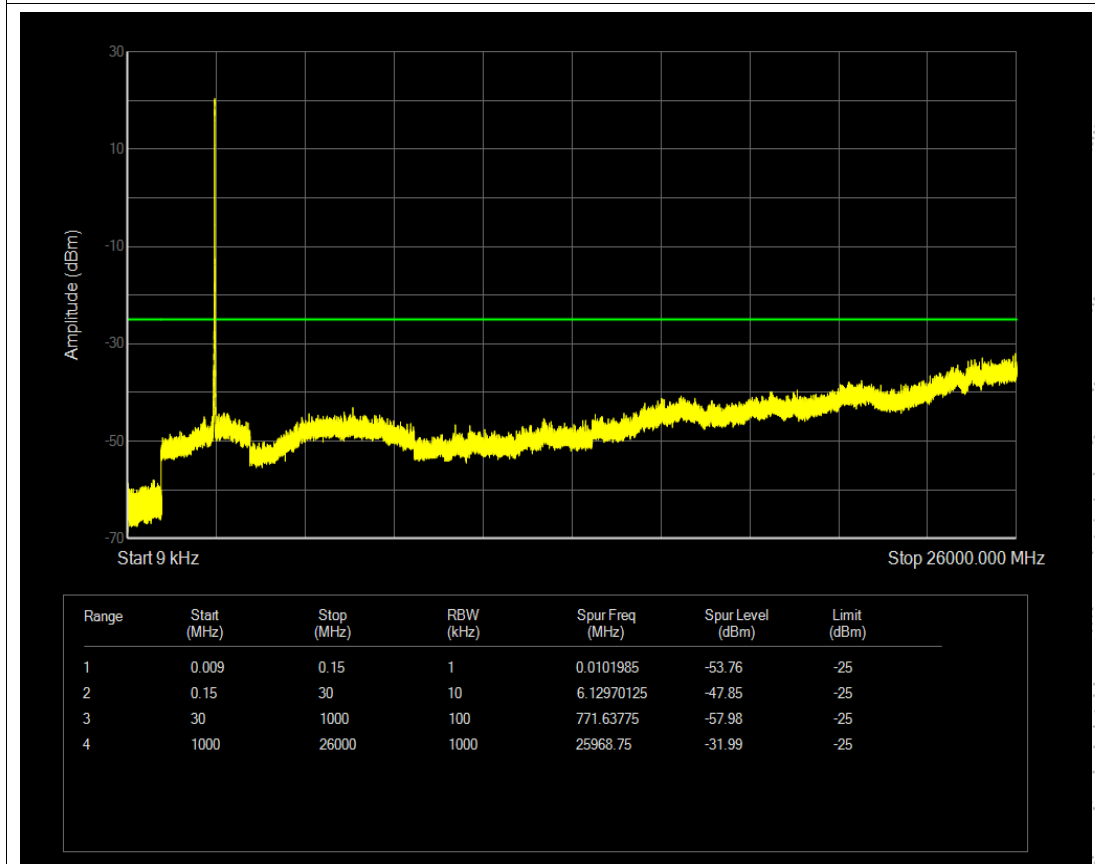
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT



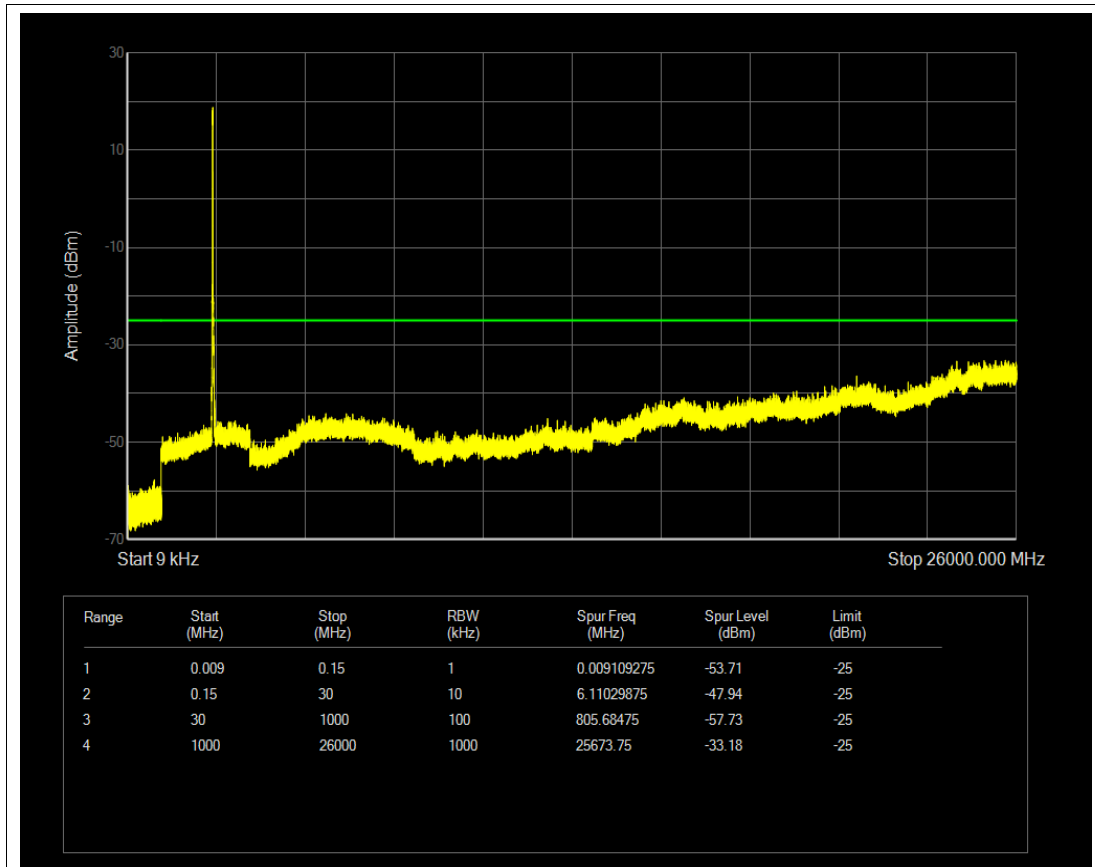
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0 NVNT



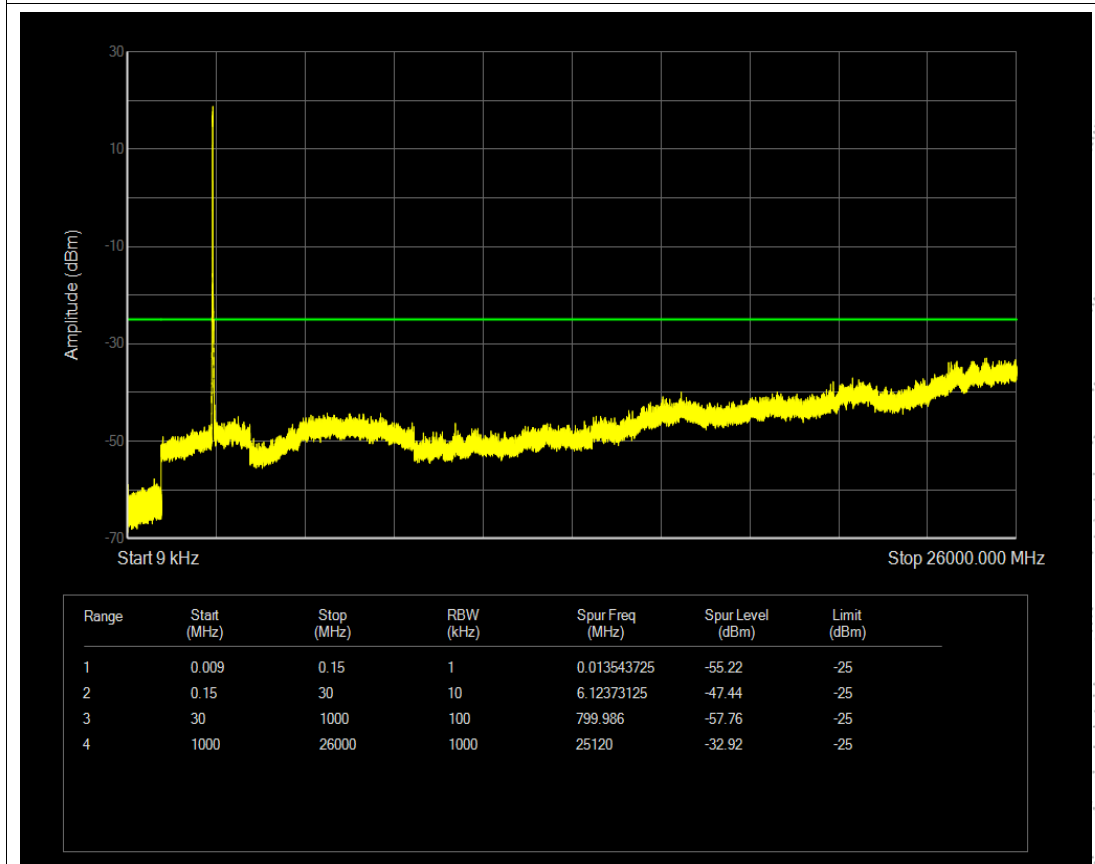
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



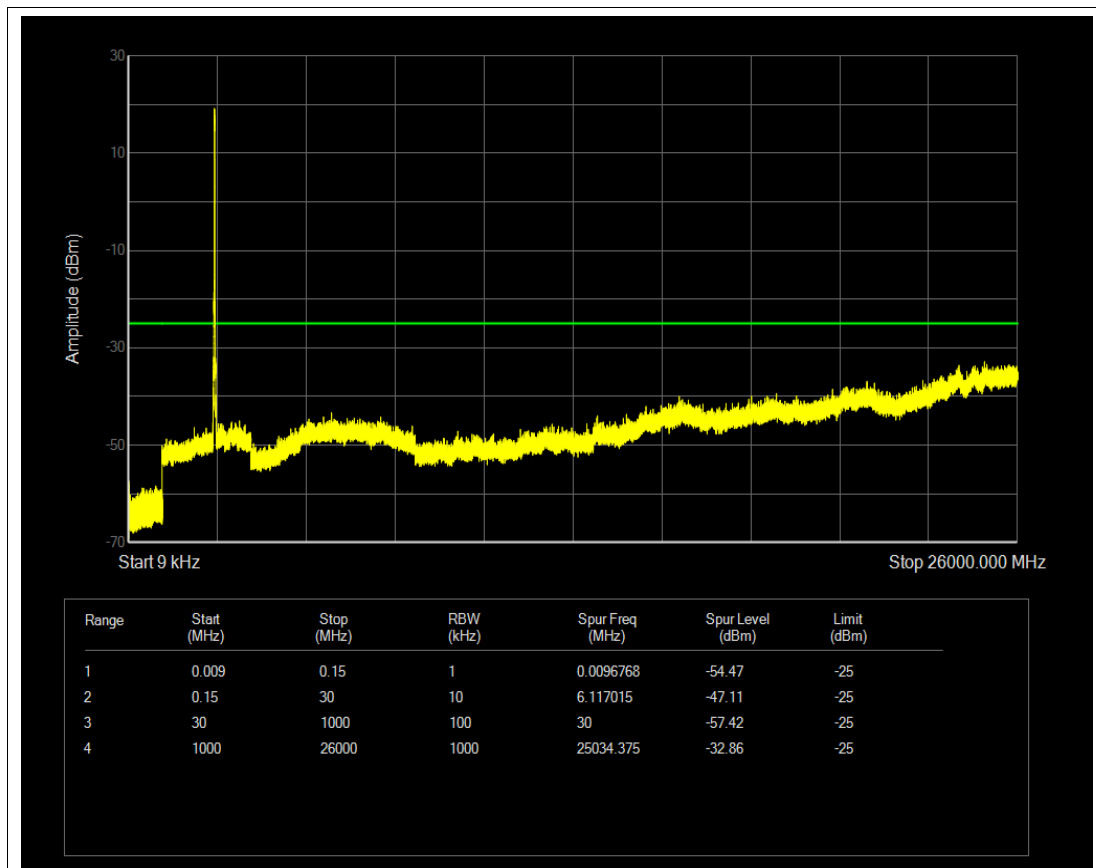
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 NVNT



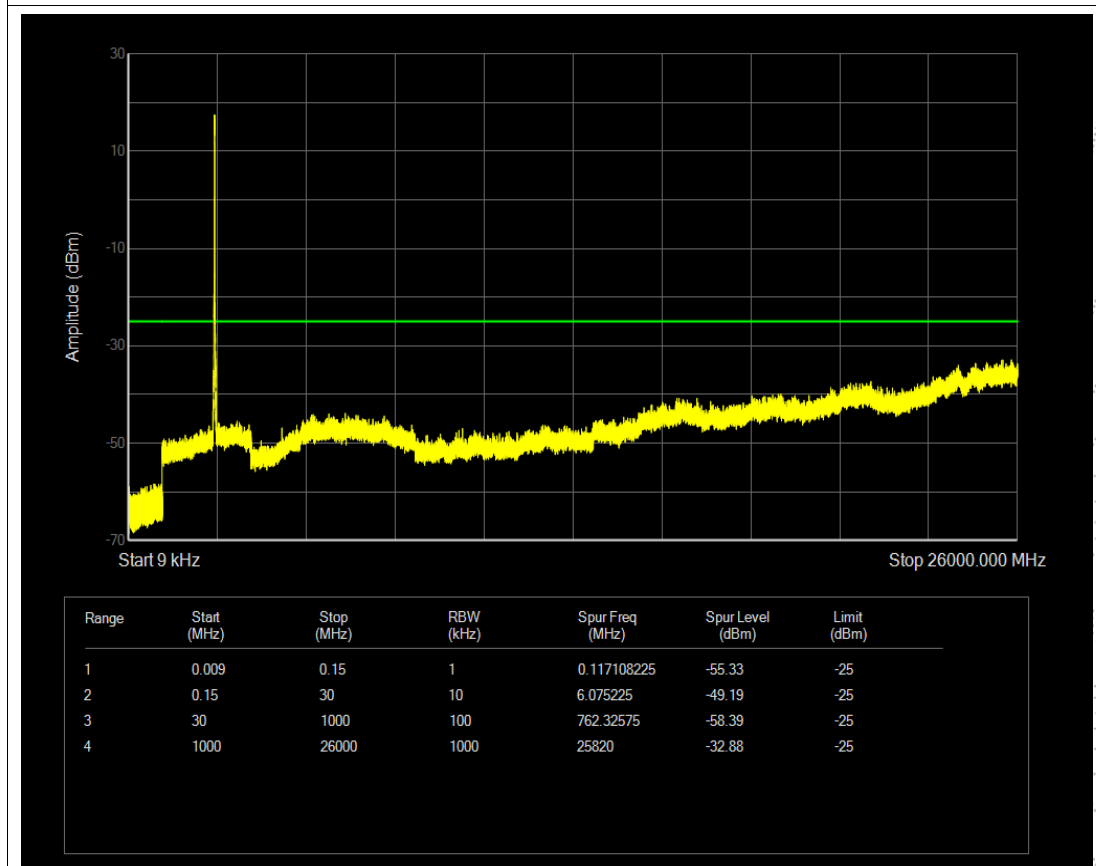
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT



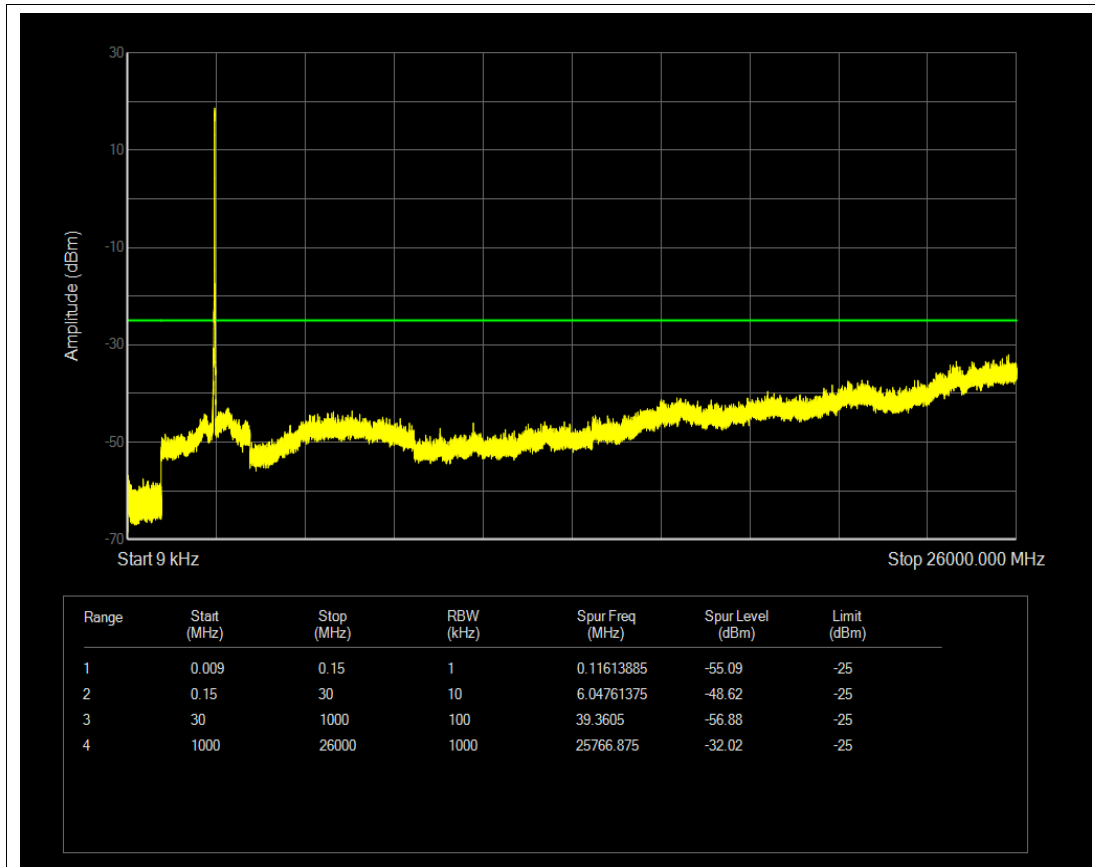
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0 NVNT



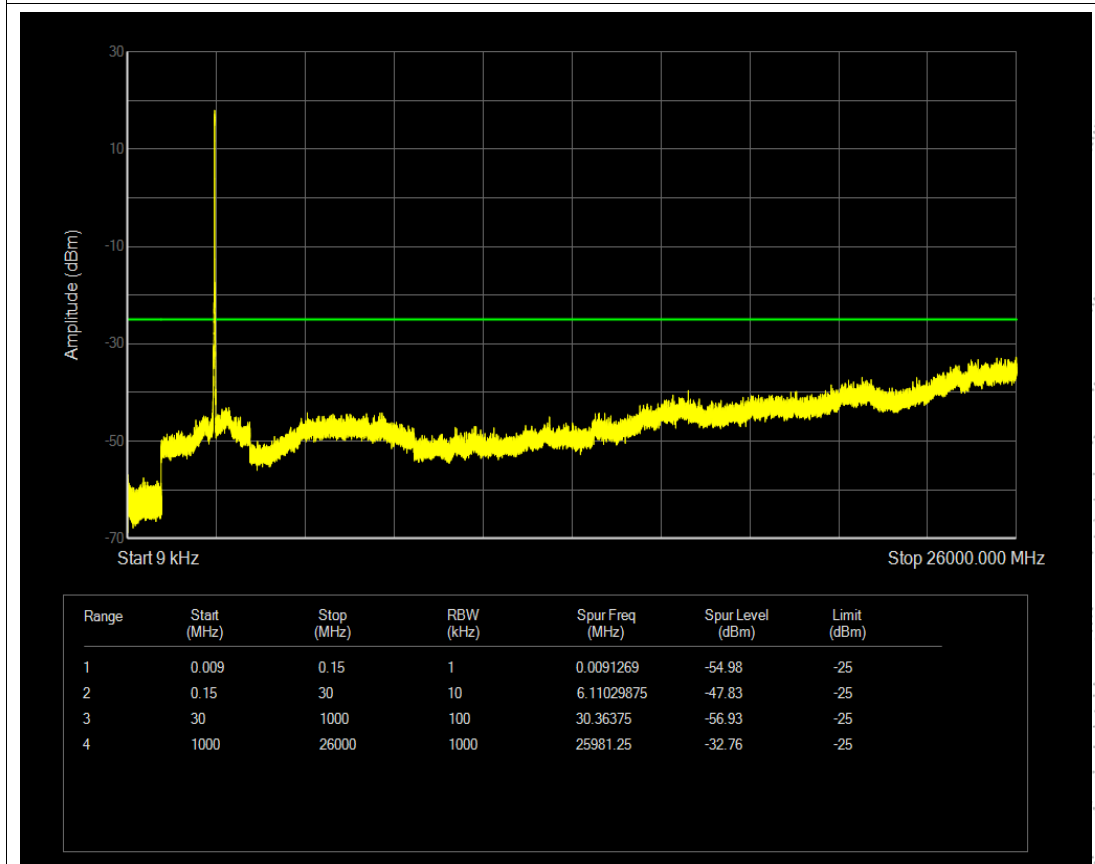
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT



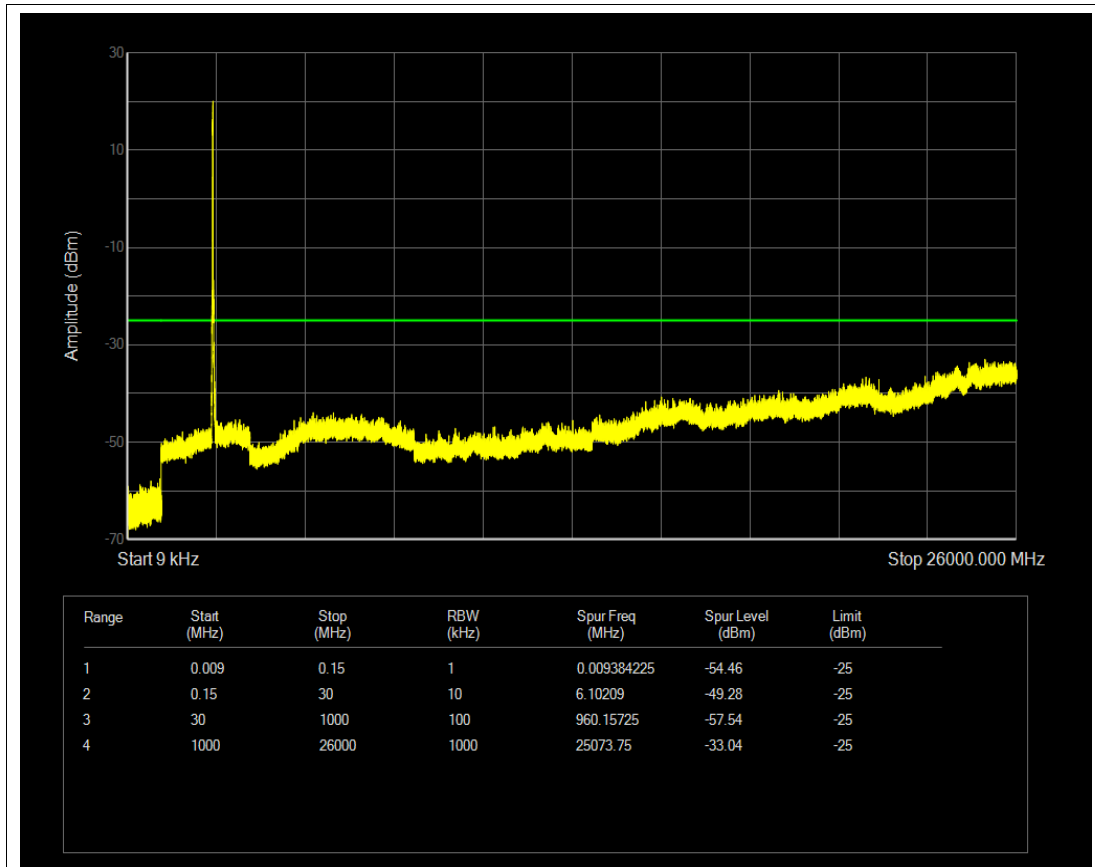
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0 NVNT



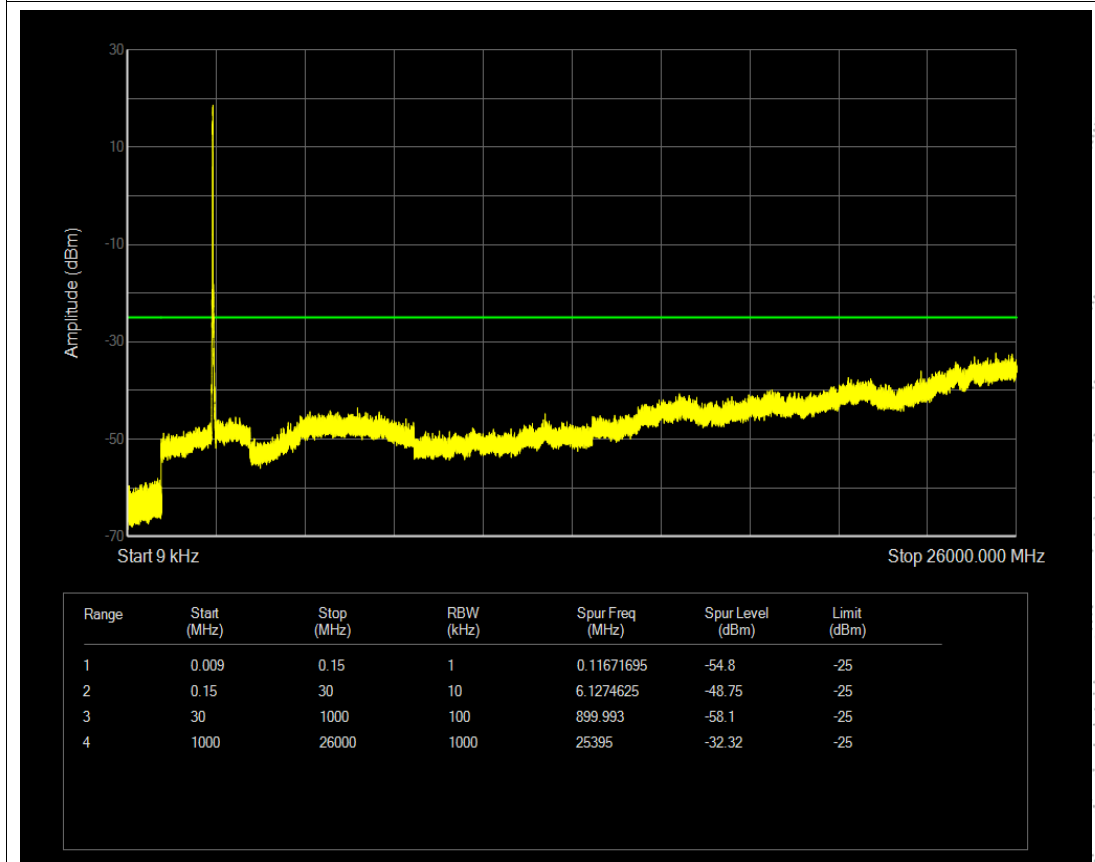
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



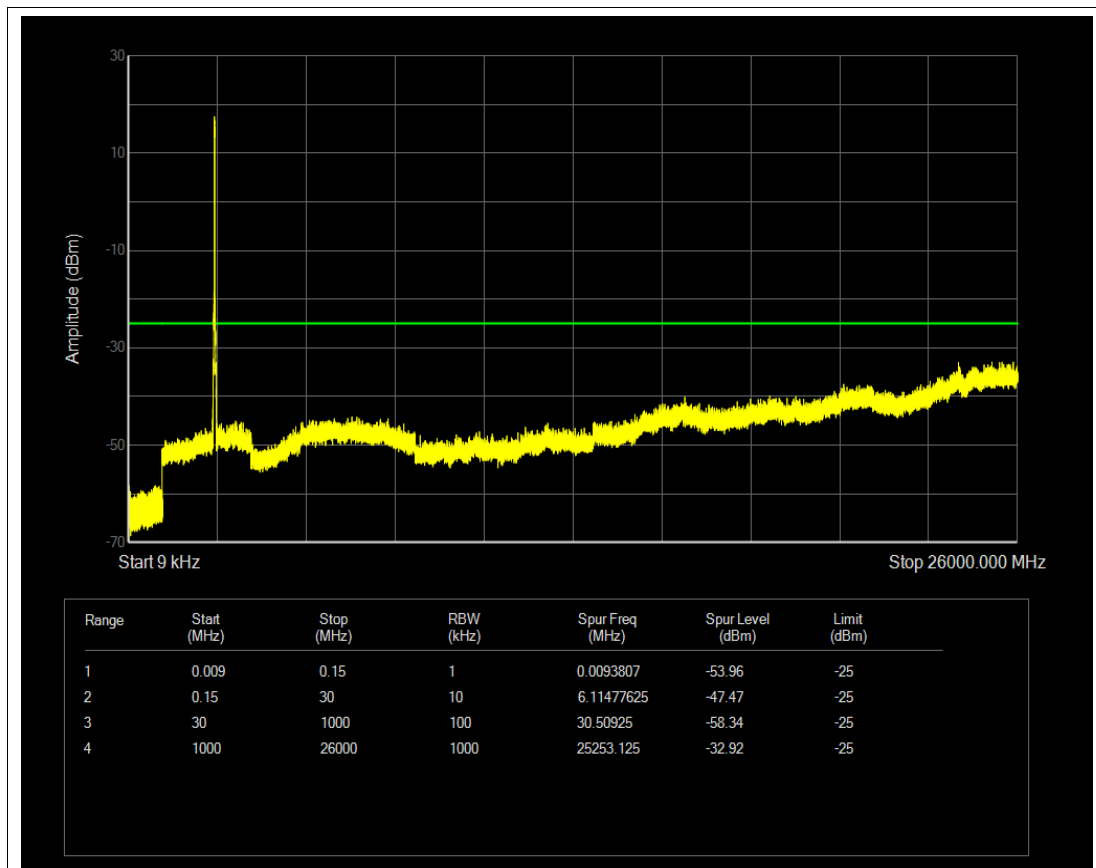
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 NVNT



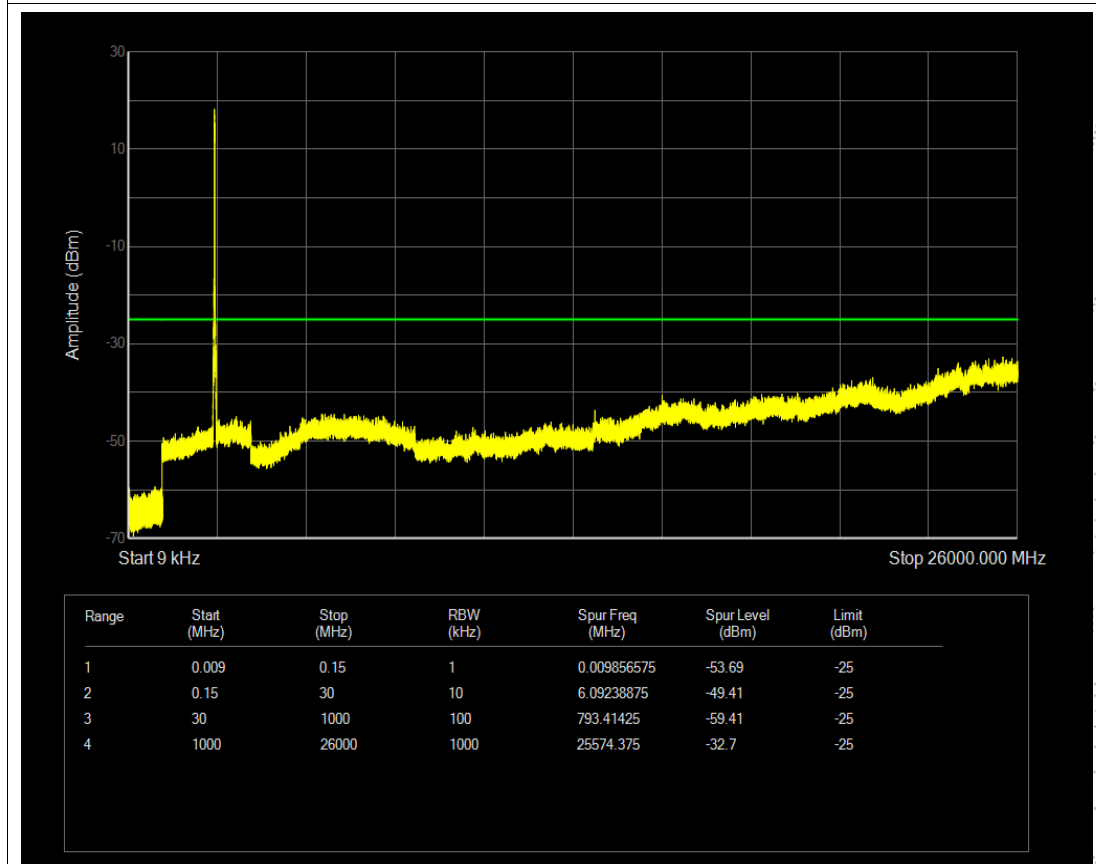
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT



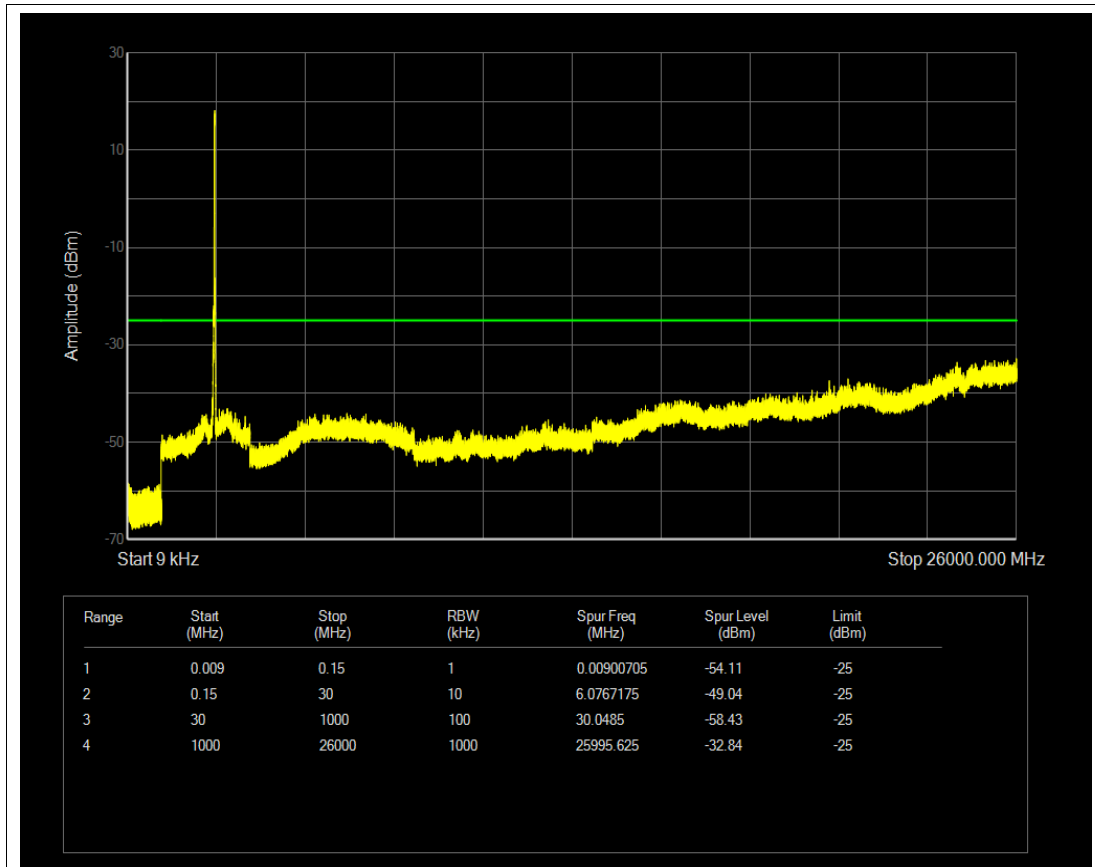
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0 NVNT



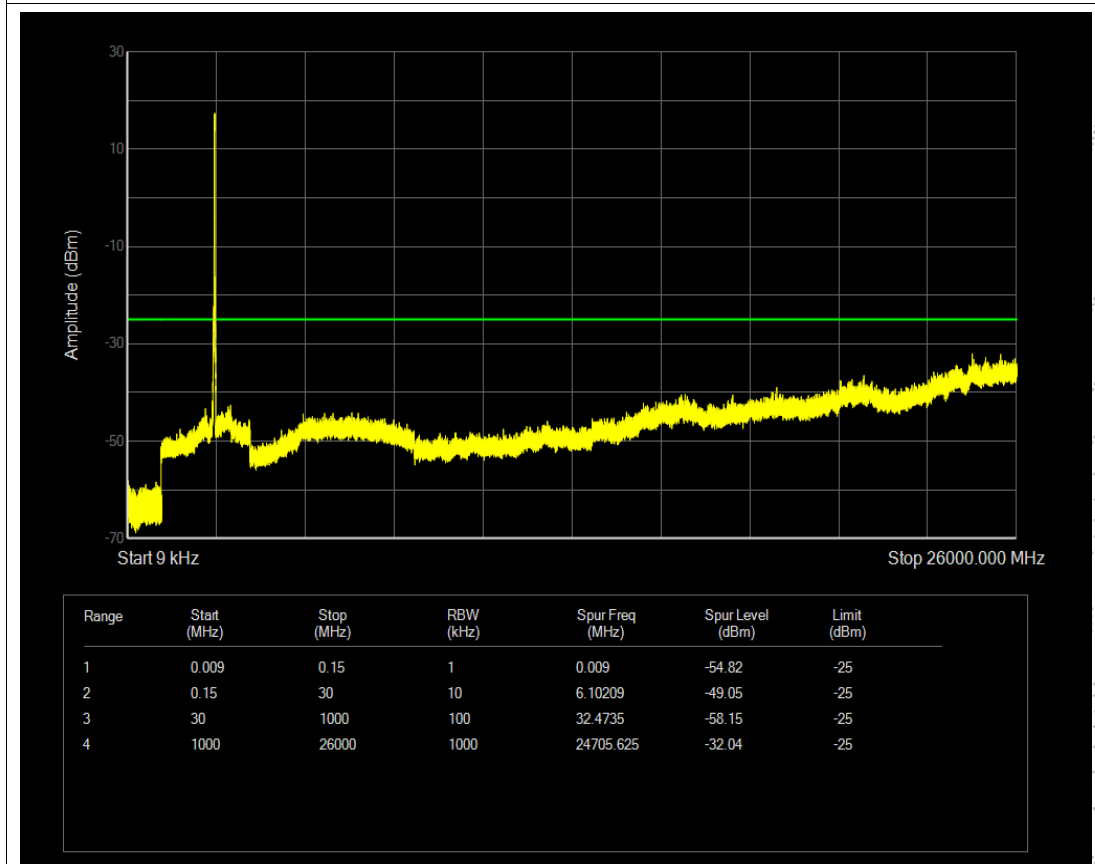
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0 NVNT



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



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



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