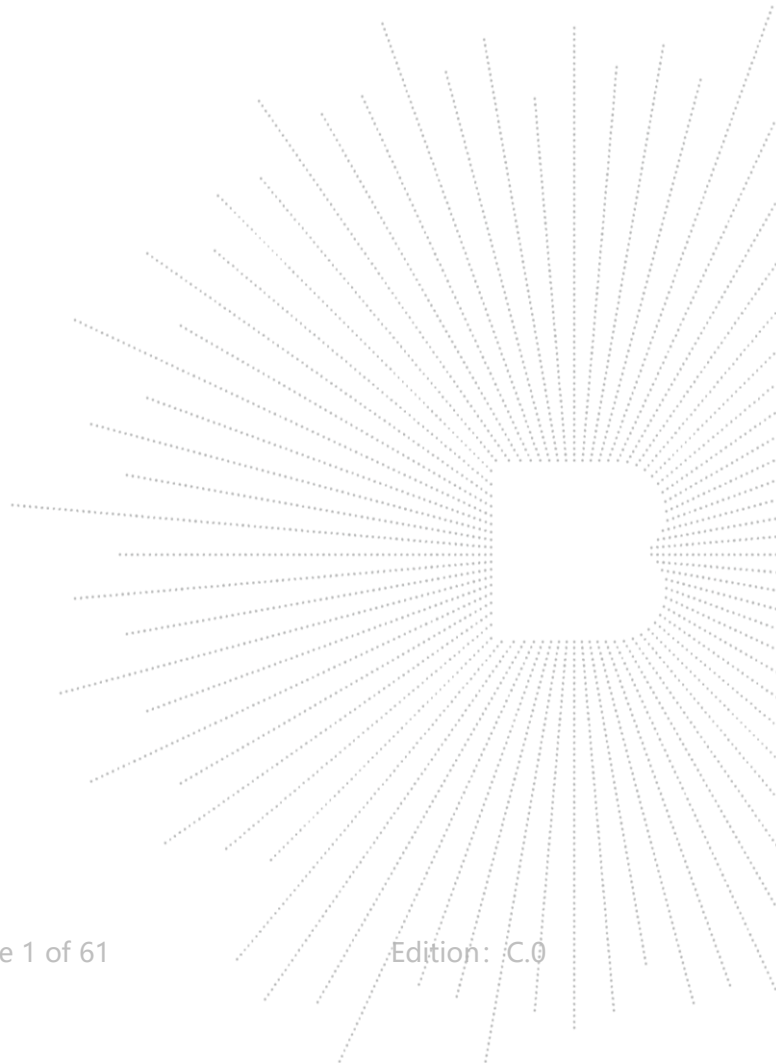


Contents

Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement	2
Appendix 2. Frequency stability	7
Appendix 3. Peak-to-Average Ratio	14
Appendix 4. Occupied bandwidth	27
Appendix 5. Band edge	40
Appendix 6. Out-of-band emissions	49



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

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	23.62	-1.42	22.20	PASS
Band7	5	20775	1	#Mid	QPSK	23.64	-1.42	22.22	PASS
Band7	5	20775	1	#Max	QPSK	23.69	-1.42	22.27	PASS
Band7	5	20775	12	#0	QPSK	22.49	-1.42	21.07	PASS
Band7	5	20775	12	#Mid	QPSK	22.52	-1.42	21.10	PASS
Band7	5	20775	12	#Max	QPSK	22.53	-1.42	21.11	PASS
Band7	5	20775	25	#0	QPSK	22.56	-1.42	21.14	PASS
Band7	5	20775	1	#0	16QAM	23.01	-1.42	21.59	PASS
Band7	5	20775	1	#Mid	16QAM	23.04	-1.42	21.62	PASS
Band7	5	20775	1	#Max	16QAM	23.02	-1.42	21.60	PASS
Band7	5	20775	12	#0	16QAM	21.45	-1.42	20.03	PASS
Band7	5	20775	12	#Mid	16QAM	21.47	-1.42	20.05	PASS
Band7	5	20775	12	#Max	16QAM	21.46	-1.42	20.04	PASS
Band7	5	20775	25	#0	16QAM	21.59	-1.42	20.17	PASS
Band7	5	21100	1	#0	QPSK	23.46	-1.42	22.04	PASS
Band7	5	21100	1	#Mid	QPSK	23.53	-1.42	22.11	PASS
Band7	5	21100	1	#Max	QPSK	23.46	-1.42	22.04	PASS
Band7	5	21100	12	#0	QPSK	22.50	-1.42	21.08	PASS
Band7	5	21100	12	#Mid	QPSK	22.46	-1.42	21.04	PASS
Band7	5	21100	12	#Max	QPSK	22.43	-1.42	21.01	PASS
Band7	5	21100	25	#0	QPSK	22.47	-1.42	21.05	PASS
Band7	5	21100	1	#0	16QAM	22.82	-1.42	21.40	PASS
Band7	5	21100	1	#Mid	16QAM	22.88	-1.42	21.46	PASS
Band7	5	21100	1	#Max	16QAM	22.85	-1.42	21.43	PASS
Band7	5	21100	12	#0	16QAM	21.52	-1.42	20.10	PASS
Band7	5	21100	12	#Mid	16QAM	21.50	-1.42	20.08	PASS
Band7	5	21100	12	#Max	16QAM	21.45	-1.42	20.03	PASS
Band7	5	21100	25	#0	16QAM	21.44	-1.42	20.02	PASS
Band7	5	21425	1	#0	QPSK	23.67	-1.42	22.25	PASS
Band7	5	21425	1	#Mid	QPSK	23.69	-1.42	22.27	PASS
Band7	5	21425	1	#Max	QPSK	23.69	-1.42	22.27	PASS
Band7	5	21425	12	#0	QPSK	22.77	-1.42	21.35	PASS
Band7	5	21425	12	#Mid	QPSK	22.69	-1.42	21.27	PASS
Band7	5	21425	12	#Max	QPSK	22.70	-1.42	21.28	PASS
Band7	5	21425	25	#0	QPSK	22.73	-1.42	21.31	PASS
Band7	5	21425	1	#0	16QAM	23.02	-1.42	21.60	PASS
Band7	5	21425	1	#Mid	16QAM	23.06	-1.42	21.64	PASS

STS2601367W05_Appendix LTE Band 7

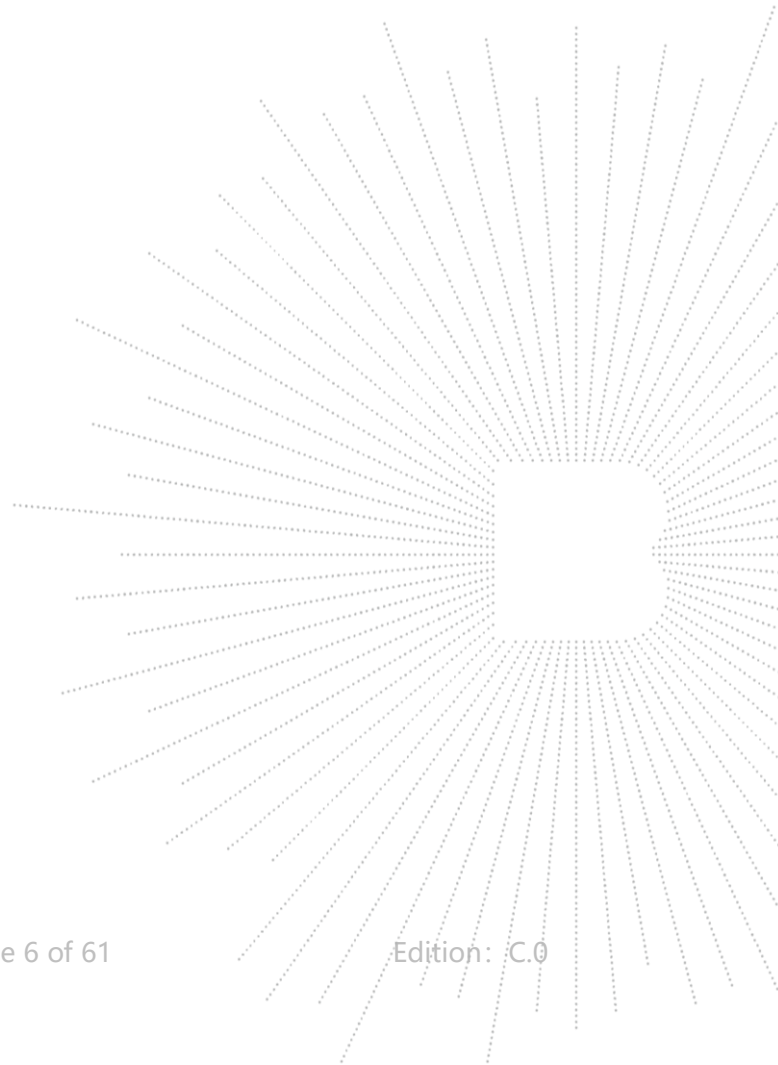
Band7	5	21425	1	#Max	16QAM	23.14	-1.42	21.72	PASS
Band7	5	21425	12	#0	16QAM	21.77	-1.42	20.35	PASS
Band7	5	21425	12	#Mid	16QAM	21.74	-1.42	20.32	PASS
Band7	5	21425	12	#Max	16QAM	21.73	-1.42	20.31	PASS
Band7	5	21425	25	#0	16QAM	21.70	-1.42	20.28	PASS
Band7	10	20800	1	#0	QPSK	23.56	-1.42	22.14	PASS
Band7	10	20800	1	#Mid	QPSK	23.65	-1.42	22.23	PASS
Band7	10	20800	1	#Max	QPSK	23.55	-1.42	22.13	PASS
Band7	10	20800	25	#0	QPSK	22.48	-1.42	21.06	PASS
Band7	10	20800	25	#Mid	QPSK	22.53	-1.42	21.11	PASS
Band7	10	20800	25	#Max	QPSK	22.62	-1.42	21.20	PASS
Band7	10	20800	50	#0	QPSK	22.55	-1.42	21.13	PASS
Band7	10	20800	1	#0	16QAM	22.43	-1.42	21.01	PASS
Band7	10	20800	1	#Mid	16QAM	22.48	-1.42	21.06	PASS
Band7	10	20800	1	#Max	16QAM	22.43	-1.42	21.01	PASS
Band7	10	20800	25	#0	16QAM	21.49	-1.42	20.07	PASS
Band7	10	20800	25	#Mid	16QAM	21.54	-1.42	20.12	PASS
Band7	10	20800	25	#Max	16QAM	21.63	-1.42	20.21	PASS
Band7	10	20800	50	#0	16QAM	21.53	-1.42	20.11	PASS
Band7	10	21100	1	#0	QPSK	23.54	-1.42	22.12	PASS
Band7	10	21100	1	#Mid	QPSK	23.56	-1.42	22.14	PASS
Band7	10	21100	1	#Max	QPSK	23.51	-1.42	22.09	PASS
Band7	10	21100	25	#0	QPSK	22.53	-1.42	21.11	PASS
Band7	10	21100	25	#Mid	QPSK	22.51	-1.42	21.09	PASS
Band7	10	21100	25	#Max	QPSK	22.49	-1.42	21.07	PASS
Band7	10	21100	50	#0	QPSK	22.51	-1.42	21.09	PASS
Band7	10	21100	1	#0	16QAM	22.89	-1.42	21.47	PASS
Band7	10	21100	1	#Mid	16QAM	22.94	-1.42	21.52	PASS
Band7	10	21100	1	#Max	16QAM	22.89	-1.42	21.47	PASS
Band7	10	21100	25	#0	16QAM	21.56	-1.42	20.14	PASS
Band7	10	21100	25	#Mid	16QAM	21.53	-1.42	20.11	PASS
Band7	10	21100	25	#Max	16QAM	21.49	-1.42	20.07	PASS
Band7	10	21100	50	#0	16QAM	21.49	-1.42	20.07	PASS
Band7	10	21400	1	#0	QPSK	23.60	-1.42	22.18	PASS
Band7	10	21400	1	#Mid	QPSK	23.67	-1.42	22.25	PASS
Band7	10	21400	1	#Max	QPSK	23.67	-1.42	22.25	PASS
Band7	10	21400	25	#0	QPSK	22.72	-1.42	21.30	PASS
Band7	10	21400	25	#Mid	QPSK	22.68	-1.42	21.26	PASS
Band7	10	21400	25	#Max	QPSK	22.66	-1.42	21.24	PASS
Band7	10	21400	50	#0	QPSK	22.70	-1.42	21.28	PASS
Band7	10	21400	1	#0	16QAM	22.81	-1.42	21.39	PASS
Band7	10	21400	1	#Mid	16QAM	22.89	-1.42	21.47	PASS
Band7	10	21400	1	#Max	16QAM	22.88	-1.42	21.46	PASS

Band7	10	21400	25	#0	16QAM	21.72	-1.42	20.30	PASS
Band7	10	21400	25	#Mid	16QAM	21.68	-1.42	20.26	PASS
Band7	10	21400	25	#Max	16QAM	21.68	-1.42	20.26	PASS
Band7	10	21400	50	#0	16QAM	21.73	-1.42	20.31	PASS
Band7	15	20825	1	#0	QPSK	23.50	-1.42	22.08	PASS
Band7	15	20825	1	#Mid	QPSK	23.63	-1.42	22.21	PASS
Band7	15	20825	1	#Max	QPSK	23.47	-1.42	22.05	PASS
Band7	15	20825	36	#0	QPSK	22.42	-1.42	21.00	PASS
Band7	15	20825	36	#Mid	QPSK	22.50	-1.42	21.08	PASS
Band7	15	20825	36	#Max	QPSK	22.48	-1.42	21.06	PASS
Band7	15	20825	75	#0	QPSK	22.53	-1.42	21.11	PASS
Band7	15	20825	1	#0	16QAM	22.91	-1.42	21.49	PASS
Band7	15	20825	1	#Mid	16QAM	23.01	-1.42	21.59	PASS
Band7	15	20825	1	#Max	16QAM	22.87	-1.42	21.45	PASS
Band7	15	20825	36	#0	16QAM	21.47	-1.42	20.05	PASS
Band7	15	20825	36	#Mid	16QAM	21.54	-1.42	20.12	PASS
Band7	15	20825	36	#Max	16QAM	21.54	-1.42	20.12	PASS
Band7	15	20825	75	#0	16QAM	21.51	-1.42	20.09	PASS
Band7	15	21100	1	#0	QPSK	23.39	-1.42	21.97	PASS
Band7	15	21100	1	#Mid	QPSK	23.49	-1.42	22.07	PASS
Band7	15	21100	1	#Max	QPSK	23.37	-1.42	21.95	PASS
Band7	15	21100	36	#0	QPSK	22.52	-1.42	21.10	PASS
Band7	15	21100	36	#Mid	QPSK	22.51	-1.42	21.09	PASS
Band7	15	21100	36	#Max	QPSK	22.46	-1.42	21.04	PASS
Band7	15	21100	75	#0	QPSK	22.50	-1.42	21.08	PASS
Band7	15	21100	1	#0	16QAM	22.65	-1.42	21.23	PASS
Band7	15	21100	1	#Mid	16QAM	22.77	-1.42	21.35	PASS
Band7	15	21100	1	#Max	16QAM	22.62	-1.42	21.20	PASS
Band7	15	21100	36	#0	16QAM	21.58	-1.42	20.16	PASS
Band7	15	21100	36	#Mid	16QAM	21.57	-1.42	20.15	PASS
Band7	15	21100	36	#Max	16QAM	21.51	-1.42	20.09	PASS
Band7	15	21100	75	#0	16QAM	21.43	-1.42	20.01	PASS
Band7	15	21375	1	#0	QPSK	23.59	-1.42	22.17	PASS
Band7	15	21375	1	#Mid	QPSK	23.80	-1.42	22.38	PASS
Band7	15	21375	1	#Max	QPSK	23.82	-1.42	22.40	PASS
Band7	15	21375	36	#0	QPSK	22.63	-1.42	21.21	PASS
Band7	15	21375	36	#Mid	QPSK	22.69	-1.42	21.27	PASS
Band7	15	21375	36	#Max	QPSK	22.67	-1.42	21.25	PASS
Band7	15	21375	75	#0	QPSK	22.68	-1.42	21.26	PASS
Band7	15	21375	1	#0	16QAM	22.65	-1.42	21.23	PASS
Band7	15	21375	1	#Mid	16QAM	22.91	-1.42	21.49	PASS
Band7	15	21375	1	#Max	16QAM	22.80	-1.42	21.38	PASS
Band7	15	21375	36	#0	16QAM	21.58	-1.42	20.16	PASS

Band7	15	21375	36	#Mid	16QAM	21.67	-1.42	20.25	PASS
Band7	15	21375	36	#Max	16QAM	21.63	-1.42	20.21	PASS
Band7	15	21375	75	#0	16QAM	21.72	-1.42	20.30	PASS
Band7	20	20850	1	#0	QPSK	23.45	-1.42	22.03	PASS
Band7	20	20850	1	#Mid	QPSK	23.60	-1.42	22.18	PASS
Band7	20	20850	1	#Max	QPSK	23.42	-1.42	22.00	PASS
Band7	20	20850	50	#0	QPSK	22.41	-1.42	20.99	PASS
Band7	20	20850	50	#Mid	QPSK	22.54	-1.42	21.12	PASS
Band7	20	20850	50	#Max	QPSK	22.50	-1.42	21.08	PASS
Band7	20	20850	100	#0	QPSK	22.45	-1.42	21.03	PASS
Band7	20	20850	1	#0	16QAM	22.66	-1.42	21.24	PASS
Band7	20	20850	1	#Mid	16QAM	22.81	-1.42	21.39	PASS
Band7	20	20850	1	#Max	16QAM	22.61	-1.42	21.19	PASS
Band7	20	20850	50	#0	16QAM	21.36	-1.42	19.94	PASS
Band7	20	20850	50	#Mid	16QAM	21.49	-1.42	20.07	PASS
Band7	20	20850	50	#Max	16QAM	21.46	-1.42	20.04	PASS
Band7	20	20850	100	#0	16QAM	21.41	-1.42	19.99	PASS
Band7	20	21100	1	#0	QPSK	23.27	-1.42	21.85	PASS
Band7	20	21100	1	#Mid	QPSK	23.45	-1.42	22.03	PASS
Band7	20	21100	1	#Max	QPSK	23.33	-1.42	21.91	PASS
Band7	20	21100	50	#0	QPSK	22.53	-1.42	21.11	PASS
Band7	20	21100	50	#Mid	QPSK	22.55	-1.42	21.13	PASS
Band7	20	21100	50	#Max	QPSK	22.52	-1.42	21.10	PASS
Band7	20	21100	100	#0	QPSK	22.51	-1.42	21.09	PASS
Band7	20	21100	1	#0	16QAM	22.62	-1.42	21.20	PASS
Band7	20	21100	1	#Mid	16QAM	22.83	-1.42	21.41	PASS
Band7	20	21100	1	#Max	16QAM	22.68	-1.42	21.26	PASS
Band7	20	21100	50	#0	16QAM	21.56	-1.42	20.14	PASS
Band7	20	21100	50	#Mid	16QAM	21.58	-1.42	20.16	PASS
Band7	20	21100	50	#Max	16QAM	21.54	-1.42	20.12	PASS
Band7	20	21100	100	#0	16QAM	21.52	-1.42	20.10	PASS
Band7	20	21350	1	#0	QPSK	23.50	-1.42	22.08	PASS
Band7	20	21350	1	#Mid	QPSK	23.75	-1.42	22.33	PASS
Band7	20	21350	1	#Max	QPSK	23.74	-1.42	22.32	PASS
Band7	20	21350	50	#0	QPSK	22.62	-1.42	21.20	PASS
Band7	20	21350	50	#Mid	QPSK	22.72	-1.42	21.30	PASS
Band7	20	21350	50	#Max	QPSK	22.61	-1.42	21.19	PASS
Band7	20	21350	100	#0	QPSK	22.62	-1.42	21.20	PASS
Band7	20	21350	1	#0	16QAM	22.88	-1.42	21.46	PASS
Band7	20	21350	1	#Mid	16QAM	23.17	-1.42	21.75	PASS
Band7	20	21350	1	#Max	16QAM	23.10	-1.42	21.68	PASS
Band7	20	21350	50	#0	16QAM	21.63	-1.42	20.21	PASS
Band7	20	21350	50	#Mid	16QAM	21.73	-1.42	20.31	PASS

STS2601367W05_Appendix LTE Band 7

Band7	20	21350	50	#Max	16QAM	21.64	-1.42	20.22	PASS
Band7	20	21350	100	#0	16QAM	21.59	-1.42	20.17	PASS



Appendix 2.Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band7	5	20775	25	#0	QPSK	LV	NT	-1.36	-0.001	PASS
Band7	5	20775	25	#0	QPSK	NV	NT	4.75	0.002	PASS
Band7	5	20775	25	#0	QPSK	HV	NT	2.42	0.001	PASS
Band7	5	20775	25	#0	16QAM	LV	NT	-2.75	-0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	NT	2.19	0.001	PASS
Band7	5	20775	25	#0	16QAM	HV	NT	-2.17	-0.001	PASS
Band7	5	21100	25	#0	QPSK	LV	NT	2.68	0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	NT	0.40	0.000	PASS
Band7	5	21100	25	#0	QPSK	HV	NT	-2.79	-0.001	PASS
Band7	5	21100	25	#0	16QAM	LV	NT	3.00	0.001	PASS
Band7	5	21100	25	#0	16QAM	NV	NT	0.99	0.000	PASS
Band7	5	21100	25	#0	16QAM	HV	NT	0.87	0.000	PASS
Band7	5	21425	25	#0	QPSK	LV	NT	0.60	0.000	PASS
Band7	5	21425	25	#0	QPSK	NV	NT	3.03	0.001	PASS
Band7	5	21425	25	#0	QPSK	HV	NT	4.82	0.002	PASS
Band7	5	21425	25	#0	16QAM	LV	NT	1.72	0.001	PASS
Band7	5	21425	25	#0	16QAM	NV	NT	2.50	0.001	PASS
Band7	5	21425	25	#0	16QAM	HV	NT	-0.34	0.000	PASS
Band7	10	20800	50	#0	QPSK	LV	NT	-4.96	-0.002	PASS
Band7	10	20800	50	#0	QPSK	NV	NT	-5.28	-0.002	PASS
Band7	10	20800	50	#0	QPSK	HV	NT	-2.42	-0.001	PASS
Band7	10	20800	50	#0	16QAM	LV	NT	-1.46	-0.001	PASS
Band7	10	20800	50	#0	16QAM	NV	NT	-3.71	-0.001	PASS
Band7	10	20800	50	#0	16QAM	HV	NT	-5.01	-0.002	PASS
Band7	10	21100	50	#0	QPSK	LV	NT	-4.01	-0.002	PASS
Band7	10	21100	50	#0	QPSK	NV	NT	1.12	0.000	PASS
Band7	10	21100	50	#0	QPSK	HV	NT	-0.56	0.000	PASS
Band7	10	21100	50	#0	16QAM	LV	NT	-2.55	-0.001	PASS
Band7	10	21100	50	#0	16QAM	NV	NT	-1.32	-0.001	PASS
Band7	10	21100	50	#0	16QAM	HV	NT	-0.26	0.000	PASS
Band7	10	21400	50	#0	QPSK	LV	NT	-2.47	-0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	NT	4.91	0.002	PASS
Band7	10	21400	50	#0	QPSK	HV	NT	1.50	0.001	PASS
Band7	10	21400	50	#0	16QAM	LV	NT	-0.76	0.000	PASS
Band7	10	21400	50	#0	16QAM	NV	NT	0.80	0.000	PASS
Band7	10	21400	50	#0	16QAM	HV	NT	-3.48	-0.001	PASS
Band7	15	20825	75	#0	QPSK	LV	NT	4.31	0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	NT	3.39	0.001	PASS
Band7	15	20825	75	#0	QPSK	HV	NT	2.19	0.001	PASS

Band7	15	20825	75	#0	16QAM	LV	NT	1.92	0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	NT	3.22	0.001	PASS
Band7	15	20825	75	#0	16QAM	HV	NT	2.92	0.001	PASS
Band7	15	21100	75	#0	QPSK	LV	NT	1.92	0.001	PASS
Band7	15	21100	75	#0	QPSK	NV	NT	0.01	0.000	PASS
Band7	15	21100	75	#0	QPSK	HV	NT	1.03	0.000	PASS
Band7	15	21100	75	#0	16QAM	LV	NT	1.67	0.001	PASS
Band7	15	21100	75	#0	16QAM	NV	NT	1.60	0.001	PASS
Band7	15	21100	75	#0	16QAM	HV	NT	-1.34	-0.001	PASS
Band7	15	21375	75	#0	QPSK	LV	NT	-0.57	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	NT	-0.21	0.000	PASS
Band7	15	21375	75	#0	QPSK	HV	NT	1.42	0.001	PASS
Band7	15	21375	75	#0	16QAM	LV	NT	-1.56	-0.001	PASS
Band7	15	21375	75	#0	16QAM	NV	NT	0.13	0.000	PASS
Band7	15	21375	75	#0	16QAM	HV	NT	-2.12	-0.001	PASS
Band7	20	20850	100	#0	QPSK	LV	NT	-1.02	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	NT	0.76	0.000	PASS
Band7	20	20850	100	#0	QPSK	HV	NT	-2.10	-0.001	PASS
Band7	20	20850	100	#0	16QAM	LV	NT	2.62	0.001	PASS
Band7	20	20850	100	#0	16QAM	NV	NT	0.03	0.000	PASS
Band7	20	20850	100	#0	16QAM	HV	NT	0.34	0.000	PASS
Band7	20	21100	100	#0	QPSK	LV	NT	-3.93	-0.002	PASS
Band7	20	21100	100	#0	QPSK	NV	NT	-7.01	-0.003	PASS
Band7	20	21100	100	#0	QPSK	HV	NT	-3.15	-0.001	PASS
Band7	20	21100	100	#0	16QAM	LV	NT	-1.13	0.000	PASS
Band7	20	21100	100	#0	16QAM	NV	NT	-3.59	-0.001	PASS
Band7	20	21100	100	#0	16QAM	HV	NT	-5.36	-0.002	PASS
Band7	20	21350	100	#0	QPSK	LV	NT	0.11	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	NT	0.93	0.000	PASS
Band7	20	21350	100	#0	QPSK	HV	NT	0.11	0.000	PASS
Band7	20	21350	100	#0	16QAM	LV	NT	-0.10	0.000	PASS
Band7	20	21350	100	#0	16QAM	NV	NT	-1.44	-0.001	PASS
Band7	20	21350	100	#0	16QAM	HV	NT	0.17	0.000	PASS
Band7	5	20775	25	#0	QPSK	NV	-30	-7.88	-0.003	PASS
Band7	5	20775	25	#0	QPSK	NV	-20	-2.92	-0.001	PASS
Band7	5	20775	25	#0	QPSK	NV	0	-7.84	-0.003	PASS
Band7	5	20775	25	#0	QPSK	NV	10	-6.14	-0.002	PASS
Band7	5	20775	25	#0	QPSK	NV	20	-5.46	-0.002	PASS
Band7	5	20775	25	#0	QPSK	NV	30	-8.48	-0.003	PASS
Band7	5	20775	25	#0	QPSK	NV	40	-7.40	-0.003	PASS
Band7	5	20775	25	#0	QPSK	NV	50	-6.04	-0.002	PASS
Band7	5	20775	25	#0	16QAM	NV	-30	-4.26	-0.002	PASS
Band7	5	20775	25	#0	16QAM	NV	-20	-1.82	-0.001	PASS

STS2601367W05_Appendix LTE Band 7

Band7	5	20775	25	#0	16QAM	NV	0	-4.11	-0.002	PASS
Band7	5	20775	25	#0	16QAM	NV	10	-7.68	-0.003	PASS
Band7	5	20775	25	#0	16QAM	NV	20	-6.64	-0.003	PASS
Band7	5	20775	25	#0	16QAM	NV	30	-4.33	-0.002	PASS
Band7	5	20775	25	#0	16QAM	NV	40	-1.82	-0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	50	-5.64	-0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	-30	-0.62	0.000	PASS
Band7	5	21100	25	#0	QPSK	NV	-20	0.77	0.000	PASS
Band7	5	21100	25	#0	QPSK	NV	0	-2.63	-0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	10	-0.59	0.000	PASS
Band7	5	21100	25	#0	QPSK	NV	20	-1.77	-0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	30	-1.72	-0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	40	2.70	0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	50	-1.82	-0.001	PASS
Band7	5	21100	25	#0	16QAM	NV	-30	2.13	0.001	PASS
Band7	5	21100	25	#0	16QAM	NV	-20	2.45	0.001	PASS
Band7	5	21100	25	#0	16QAM	NV	0	0.37	0.000	PASS
Band7	5	21100	25	#0	16QAM	NV	10	-1.07	0.000	PASS
Band7	5	21100	25	#0	16QAM	NV	20	-2.88	-0.001	PASS
Band7	5	21100	25	#0	16QAM	NV	30	0.27	0.000	PASS
Band7	5	21100	25	#0	16QAM	NV	40	2.75	0.001	PASS
Band7	5	21100	25	#0	16QAM	NV	50	-1.95	-0.001	PASS
Band7	5	21425	25	#0	QPSK	NV	-30	-2.59	-0.001	PASS
Band7	5	21425	25	#0	QPSK	NV	-20	-0.51	0.000	PASS
Band7	5	21425	25	#0	QPSK	NV	0	-3.89	-0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	10	-7.87	-0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	20	0.10	0.000	PASS
Band7	5	21425	25	#0	QPSK	NV	30	-4.82	-0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	40	-2.03	-0.001	PASS
Band7	5	21425	25	#0	QPSK	NV	50	-5.71	-0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	-30	-8.68	-0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	-20	-1.89	-0.001	PASS
Band7	5	21425	25	#0	16QAM	NV	0	-3.16	-0.001	PASS
Band7	5	21425	25	#0	16QAM	NV	10	-3.89	-0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	20	-3.69	-0.001	PASS
Band7	5	21425	25	#0	16QAM	NV	30	3.93	0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	40	3.02	0.001	PASS
Band7	5	21425	25	#0	16QAM	NV	50	-1.34	-0.001	PASS
Band7	10	20800	50	#0	QPSK	NV	-30	0.01	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	-20	-5.69	-0.002	PASS
Band7	10	20800	50	#0	QPSK	NV	0	-7.54	-0.003	PASS
Band7	10	20800	50	#0	QPSK	NV	10	0.13	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	20	-0.46	0.000	PASS

Band7	10	20800	50	#0	QPSK	NV	30	-2.49	-0.001	PASS
Band7	10	20800	50	#0	QPSK	NV	40	-3.06	-0.001	PASS
Band7	10	20800	50	#0	QPSK	NV	50	-4.03	-0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	-30	-11.54	-0.005	PASS
Band7	10	20800	50	#0	16QAM	NV	-20	0.20	0.000	PASS
Band7	10	20800	50	#0	16QAM	NV	0	1.36	0.001	PASS
Band7	10	20800	50	#0	16QAM	NV	10	0.80	0.000	PASS
Band7	10	20800	50	#0	16QAM	NV	20	-0.62	0.000	PASS
Band7	10	20800	50	#0	16QAM	NV	30	1.00	0.000	PASS
Band7	10	20800	50	#0	16QAM	NV	40	-1.19	0.000	PASS
Band7	10	20800	50	#0	16QAM	NV	50	-0.41	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	-30	-2.37	-0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	-20	-3.00	-0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	0	-4.75	-0.002	PASS
Band7	10	21100	50	#0	QPSK	NV	10	-2.57	-0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	20	-2.50	-0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	30	-1.00	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	40	-1.16	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	50	0.69	0.000	PASS
Band7	10	21100	50	#0	16QAM	NV	-30	-1.42	-0.001	PASS
Band7	10	21100	50	#0	16QAM	NV	-20	0.50	0.000	PASS
Band7	10	21100	50	#0	16QAM	NV	0	-0.92	0.000	PASS
Band7	10	21100	50	#0	16QAM	NV	10	-2.39	-0.001	PASS
Band7	10	21100	50	#0	16QAM	NV	20	2.53	0.001	PASS
Band7	10	21100	50	#0	16QAM	NV	30	-2.07	-0.001	PASS
Band7	10	21100	50	#0	16QAM	NV	40	-1.80	-0.001	PASS
Band7	10	21100	50	#0	16QAM	NV	50	-1.44	-0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	-30	2.19	0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	-20	-1.10	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	0	-3.12	-0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	10	-2.15	-0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	20	-0.74	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	30	1.12	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	40	-1.07	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	50	-2.72	-0.001	PASS
Band7	10	21400	50	#0	16QAM	NV	-30	-4.43	-0.002	PASS
Band7	10	21400	50	#0	16QAM	NV	-20	0.63	0.000	PASS
Band7	10	21400	50	#0	16QAM	NV	0	-0.99	0.000	PASS
Band7	10	21400	50	#0	16QAM	NV	10	-1.76	-0.001	PASS
Band7	10	21400	50	#0	16QAM	NV	20	0.04	0.000	PASS
Band7	10	21400	50	#0	16QAM	NV	30	1.12	0.000	PASS
Band7	10	21400	50	#0	16QAM	NV	40	-3.26	-0.001	PASS
Band7	10	21400	50	#0	16QAM	NV	50	-1.14	0.000	PASS

STS2601367W05_Appendix LTE Band 7

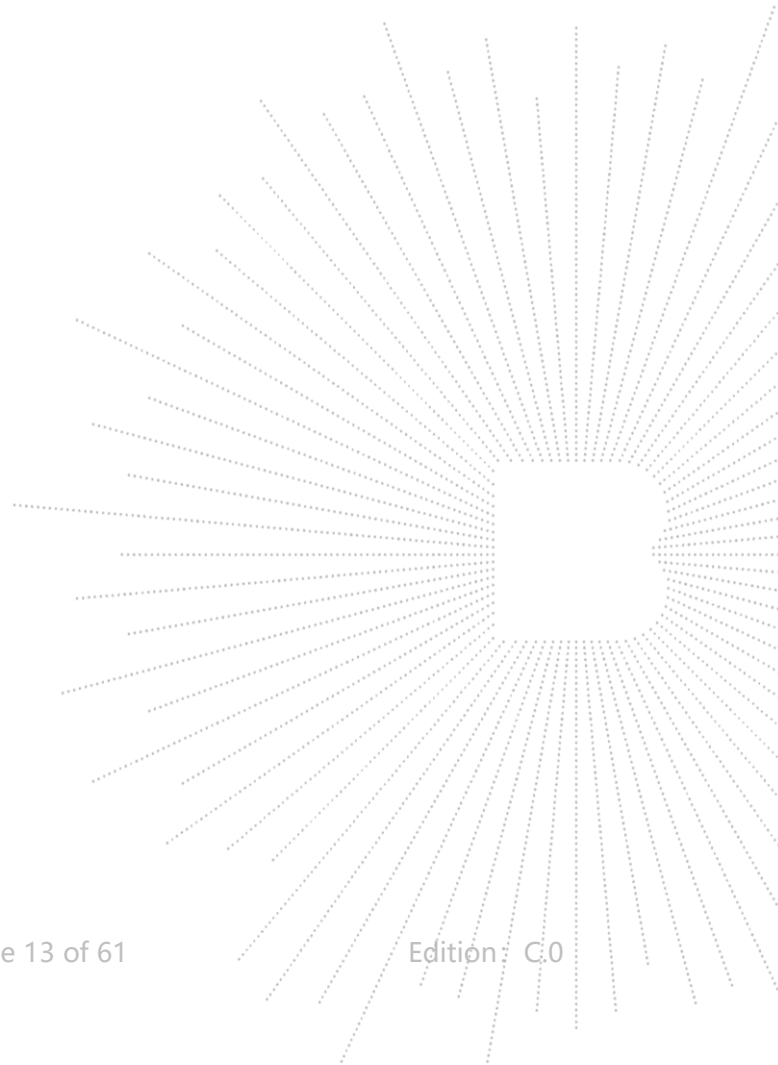
Band7	15	20825	75	#0	QPSK	NV	-30	3.93	0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	-20	7.02	0.003	PASS
Band7	15	20825	75	#0	QPSK	NV	0	7.65	0.003	PASS
Band7	15	20825	75	#0	QPSK	NV	10	6.21	0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	20	6.92	0.003	PASS
Band7	15	20825	75	#0	QPSK	NV	30	2.95	0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	40	5.82	0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	50	2.85	0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	-30	2.12	0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	-20	-2.17	-0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	0	3.05	0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	10	1.50	0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	20	1.07	0.000	PASS
Band7	15	20825	75	#0	16QAM	NV	30	2.52	0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	40	0.47	0.000	PASS
Band7	15	20825	75	#0	16QAM	NV	50	4.46	0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	-30	-3.72	-0.001	PASS
Band7	15	21100	75	#0	QPSK	NV	-20	-4.71	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	0	-6.31	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	10	-6.87	-0.003	PASS
Band7	15	21100	75	#0	QPSK	NV	20	-3.42	-0.001	PASS
Band7	15	21100	75	#0	QPSK	NV	30	-4.31	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	40	-5.06	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	50	-5.72	-0.002	PASS
Band7	15	21100	75	#0	16QAM	NV	-30	-6.75	-0.003	PASS
Band7	15	21100	75	#0	16QAM	NV	-20	-6.91	-0.003	PASS
Band7	15	21100	75	#0	16QAM	NV	0	-7.61	-0.003	PASS
Band7	15	21100	75	#0	16QAM	NV	10	-7.31	-0.003	PASS
Band7	15	21100	75	#0	16QAM	NV	20	-5.49	-0.002	PASS
Band7	15	21100	75	#0	16QAM	NV	30	-5.41	-0.002	PASS
Band7	15	21100	75	#0	16QAM	NV	40	-6.74	-0.003	PASS
Band7	15	21100	75	#0	16QAM	NV	50	-6.91	-0.003	PASS
Band7	15	21375	75	#0	QPSK	NV	-30	1.49	0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	-20	-0.46	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	0	-0.84	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	10	0.07	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	20	0.09	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	30	-5.14	-0.002	PASS
Band7	15	21375	75	#0	QPSK	NV	40	0.37	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	50	0.56	0.000	PASS
Band7	15	21375	75	#0	16QAM	NV	-30	1.67	0.001	PASS
Band7	15	21375	75	#0	16QAM	NV	-20	-0.64	0.000	PASS
Band7	15	21375	75	#0	16QAM	NV	0	-2.37	-0.001	PASS

STS2601367W05_Appendix LTE Band 7

Band7	15	21375	75	#0	16QAM	NV	10	0.31	0.000	PASS
Band7	15	21375	75	#0	16QAM	NV	20	-1.87	-0.001	PASS
Band7	15	21375	75	#0	16QAM	NV	30	-4.96	-0.002	PASS
Band7	15	21375	75	#0	16QAM	NV	40	-7.10	-0.003	PASS
Band7	15	21375	75	#0	16QAM	NV	50	-7.58	-0.003	PASS
Band7	20	20850	100	#0	QPSK	NV	-30	-0.10	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	-20	3.50	0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	0	0.69	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	10	1.63	0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	20	1.72	0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	30	0.46	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	40	-1.56	-0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	50	1.13	0.000	PASS
Band7	20	20850	100	#0	16QAM	NV	-30	1.42	0.001	PASS
Band7	20	20850	100	#0	16QAM	NV	-20	-0.03	0.000	PASS
Band7	20	20850	100	#0	16QAM	NV	0	-0.26	0.000	PASS
Band7	20	20850	100	#0	16QAM	NV	10	-0.39	0.000	PASS
Band7	20	20850	100	#0	16QAM	NV	20	0.74	0.000	PASS
Band7	20	20850	100	#0	16QAM	NV	30	-0.70	0.000	PASS
Band7	20	20850	100	#0	16QAM	NV	40	0.79	0.000	PASS
Band7	20	20850	100	#0	16QAM	NV	50	4.09	0.002	PASS
Band7	20	21100	100	#0	QPSK	NV	-30	-3.83	-0.002	PASS
Band7	20	21100	100	#0	QPSK	NV	-20	-7.04	-0.003	PASS
Band7	20	21100	100	#0	QPSK	NV	0	-5.32	-0.002	PASS
Band7	20	21100	100	#0	QPSK	NV	10	-2.09	-0.001	PASS
Band7	20	21100	100	#0	QPSK	NV	20	-3.42	-0.001	PASS
Band7	20	21100	100	#0	QPSK	NV	30	-5.74	-0.002	PASS
Band7	20	21100	100	#0	QPSK	NV	40	-6.92	-0.003	PASS
Band7	20	21100	100	#0	QPSK	NV	50	-3.20	-0.001	PASS
Band7	20	21100	100	#0	16QAM	NV	-30	-5.89	-0.002	PASS
Band7	20	21100	100	#0	16QAM	NV	-20	-4.71	-0.002	PASS
Band7	20	21100	100	#0	16QAM	NV	0	-4.68	-0.002	PASS
Band7	20	21100	100	#0	16QAM	NV	10	-5.88	-0.002	PASS
Band7	20	21100	100	#0	16QAM	NV	20	-7.28	-0.003	PASS
Band7	20	21100	100	#0	16QAM	NV	30	-8.47	-0.003	PASS
Band7	20	21100	100	#0	16QAM	NV	40	-4.18	-0.002	PASS
Band7	20	21100	100	#0	16QAM	NV	50	-4.92	-0.002	PASS
Band7	20	21350	100	#0	QPSK	NV	-30	1.66	0.001	PASS
Band7	20	21350	100	#0	QPSK	NV	-20	2.90	0.001	PASS
Band7	20	21350	100	#0	QPSK	NV	0	3.46	0.001	PASS
Band7	20	21350	100	#0	QPSK	NV	10	4.26	0.002	PASS
Band7	20	21350	100	#0	QPSK	NV	20	2.36	0.001	PASS
Band7	20	21350	100	#0	QPSK	NV	30	2.53	0.001	PASS

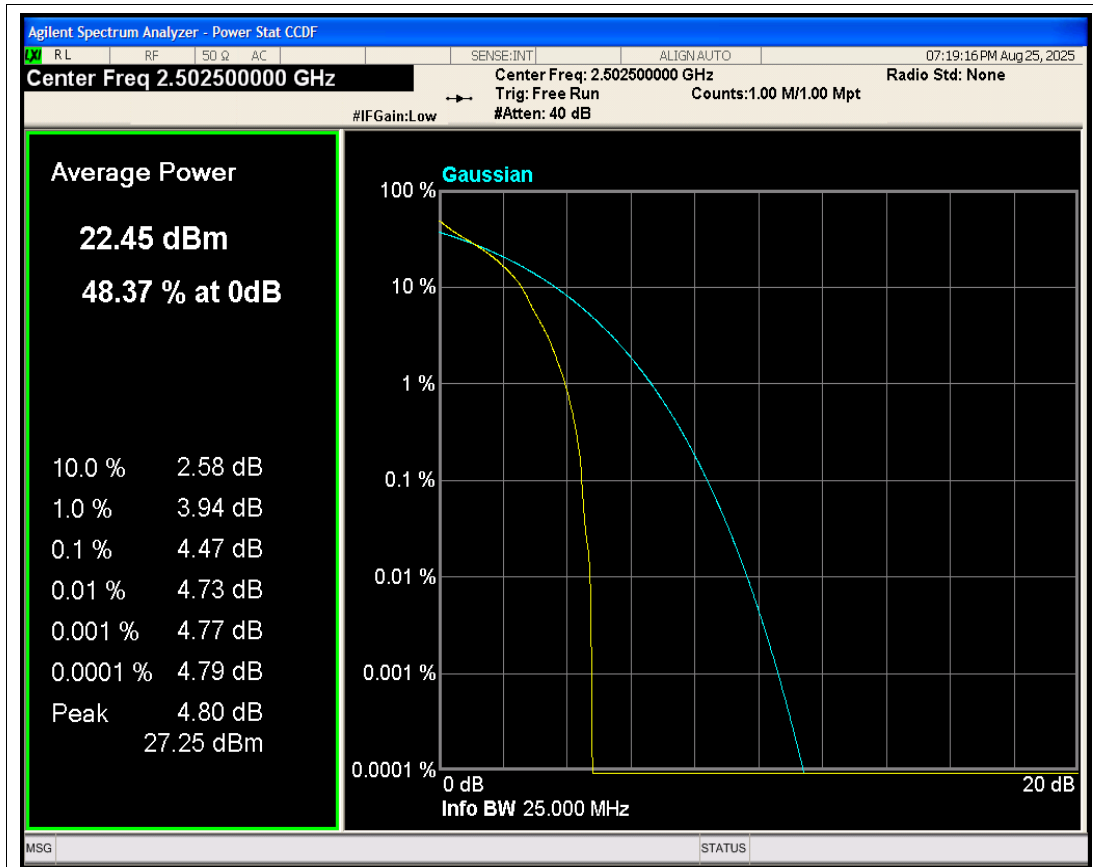
STS2601367W05_Appendix LTE Band 7

Band7	20	21350	100	#0	QPSK	NV	40	0.14	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	50	1.37	0.001	PASS
Band7	20	21350	100	#0	16QAM	NV	-30	2.96	0.001	PASS
Band7	20	21350	100	#0	16QAM	NV	-20	2.99	0.001	PASS
Band7	20	21350	100	#0	16QAM	NV	0	0.13	0.000	PASS
Band7	20	21350	100	#0	16QAM	NV	10	-1.70	-0.001	PASS
Band7	20	21350	100	#0	16QAM	NV	20	-0.30	0.000	PASS
Band7	20	21350	100	#0	16QAM	NV	30	-1.73	-0.001	PASS
Band7	20	21350	100	#0	16QAM	NV	40	-4.82	-0.002	PASS
Band7	20	21350	100	#0	16QAM	NV	50	-2.42	-0.001	PASS

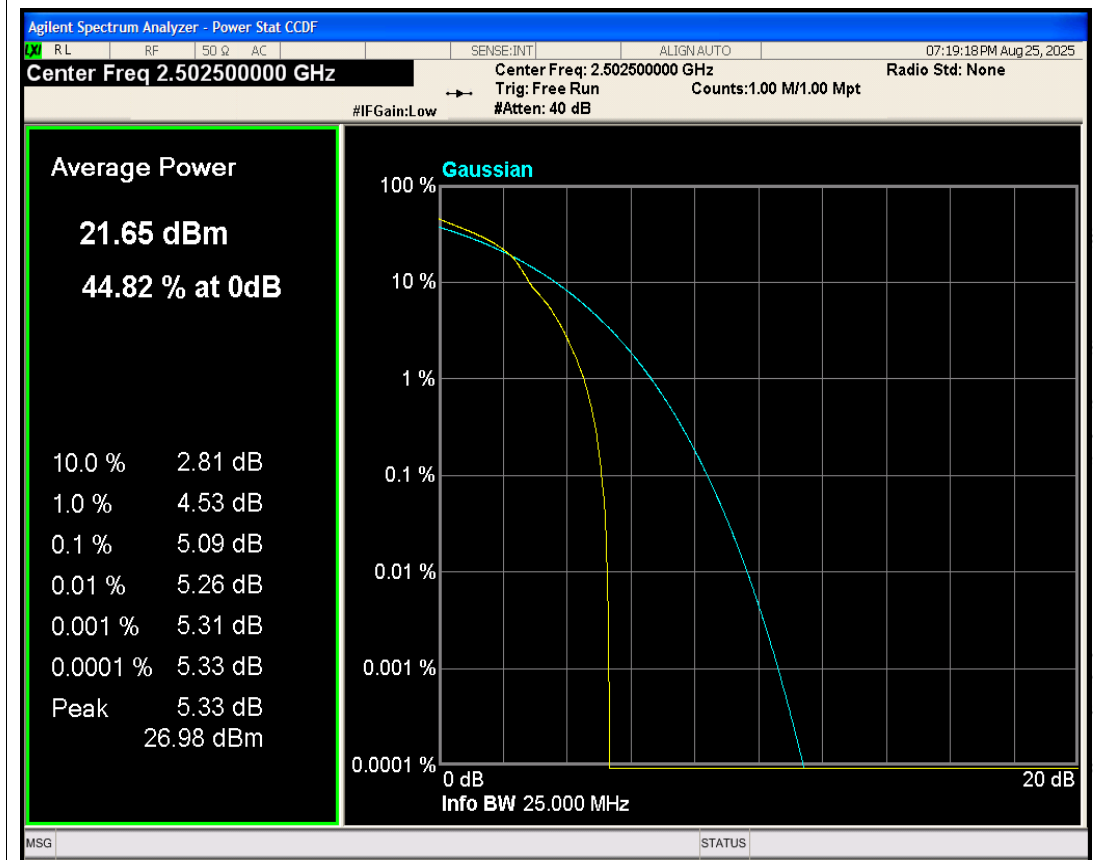


Appendix 3. Peak-to-Average Ratio

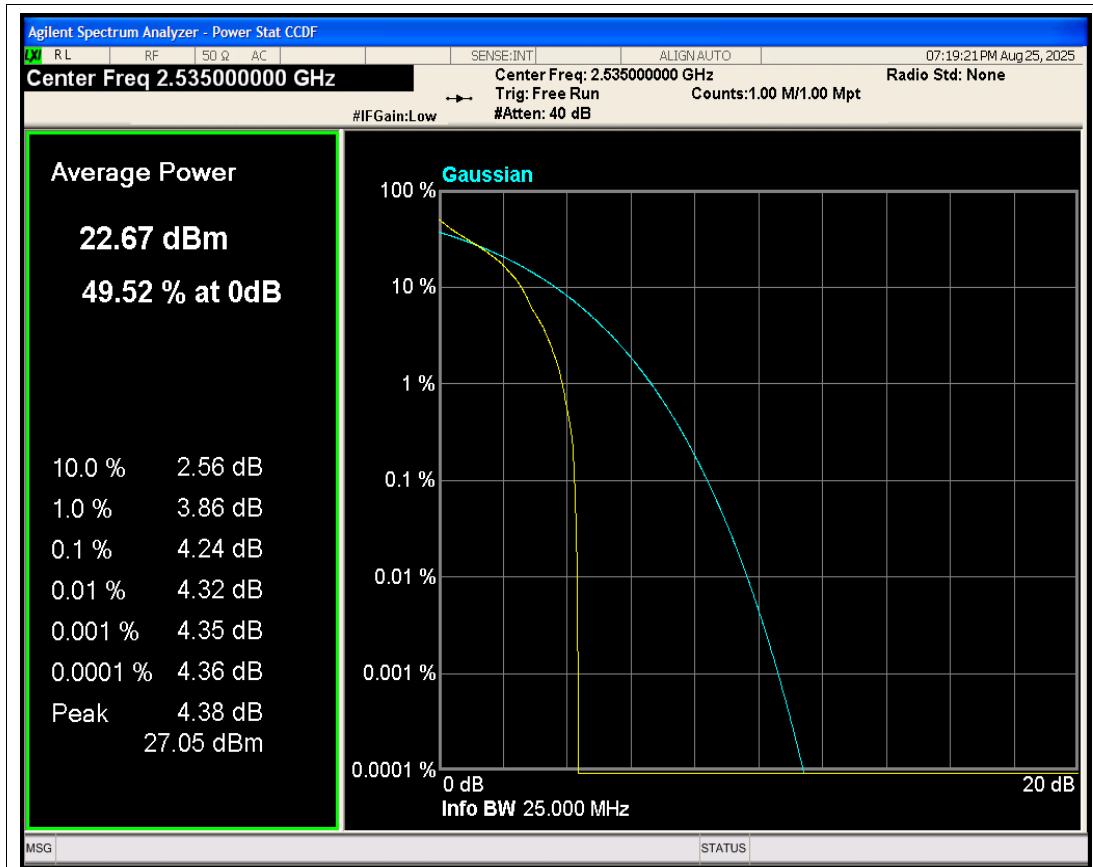
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band7	5	20775	1	#0	QPSK	4.47	13	PASS
Band7	5	20775	1	#0	16QAM	5.09	13	PASS
Band7	5	21100	1	#0	QPSK	4.24	13	PASS
Band7	5	21100	1	#0	16QAM	4.99	13	PASS
Band7	5	21425	1	#0	QPSK	4.08	13	PASS
Band7	5	21425	1	#0	16QAM	5.05	13	PASS
Band7	10	20800	1	#0	QPSK	4.54	13	PASS
Band7	10	20800	1	#0	16QAM	5.36	13	PASS
Band7	10	21100	1	#0	QPSK	4.45	13	PASS
Band7	10	21100	1	#0	16QAM	5.42	13	PASS
Band7	10	21400	1	#0	QPSK	4.45	13	PASS
Band7	10	21400	1	#0	16QAM	5.24	13	PASS
Band7	15	20825	1	#0	QPSK	4.53	13	PASS
Band7	15	20825	1	#0	16QAM	5.53	13	PASS
Band7	15	21100	1	#0	QPSK	4.55	13	PASS
Band7	15	21100	1	#0	16QAM	5.30	13	PASS
Band7	15	21375	1	#0	QPSK	4.67	13	PASS
Band7	15	21375	1	#0	16QAM	5.53	13	PASS
Band7	20	20850	1	#0	QPSK	4.54	13	PASS
Band7	20	20850	1	#0	16QAM	5.09	13	PASS
Band7	20	21100	1	#0	QPSK	4.42	13	PASS
Band7	20	21100	1	#0	16QAM	5.34	13	PASS
Band7	20	21350	1	#0	QPSK	4.79	13	PASS
Band7	20	21350	1	#0	16QAM	5.64	13	PASS



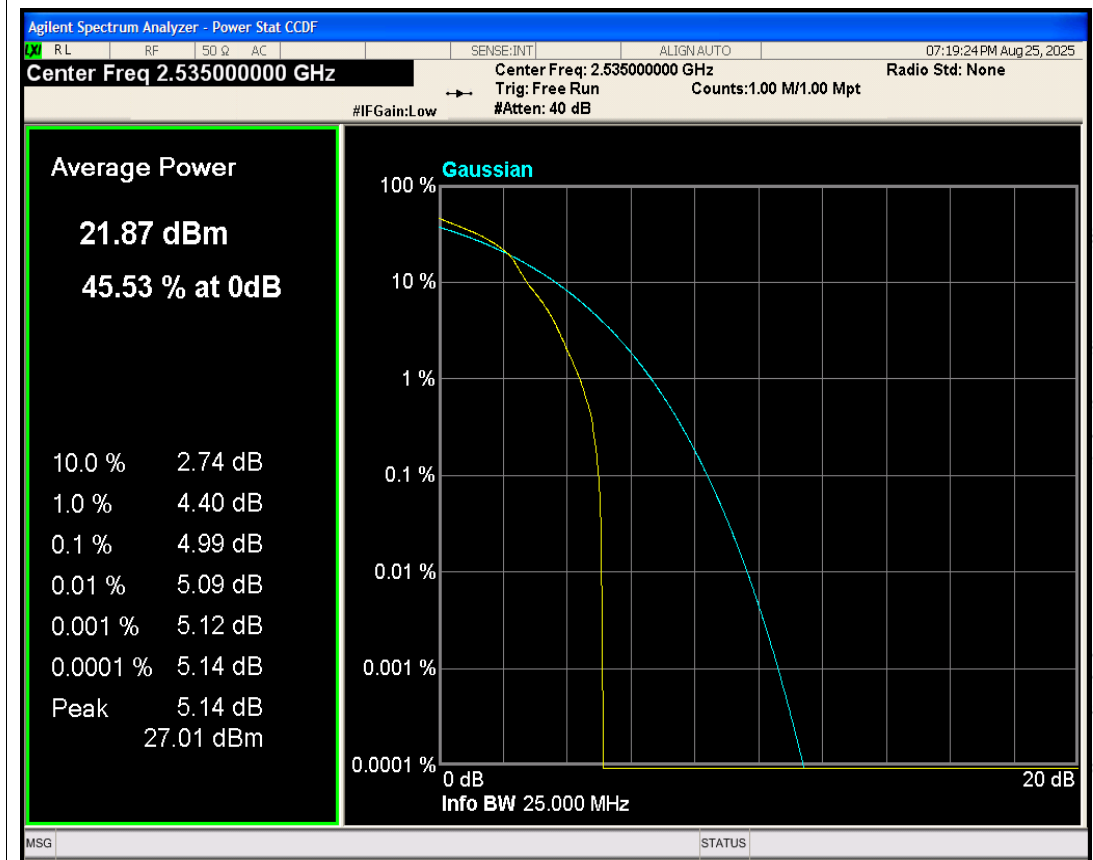
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



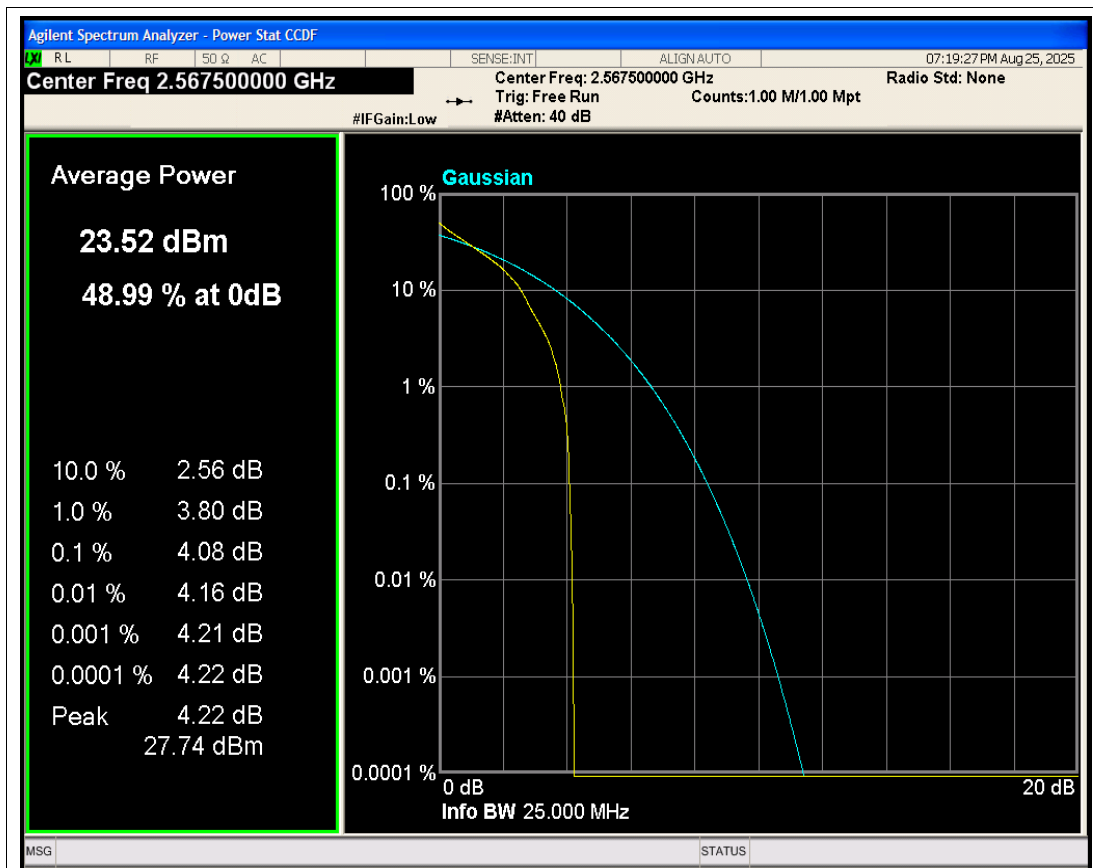
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0



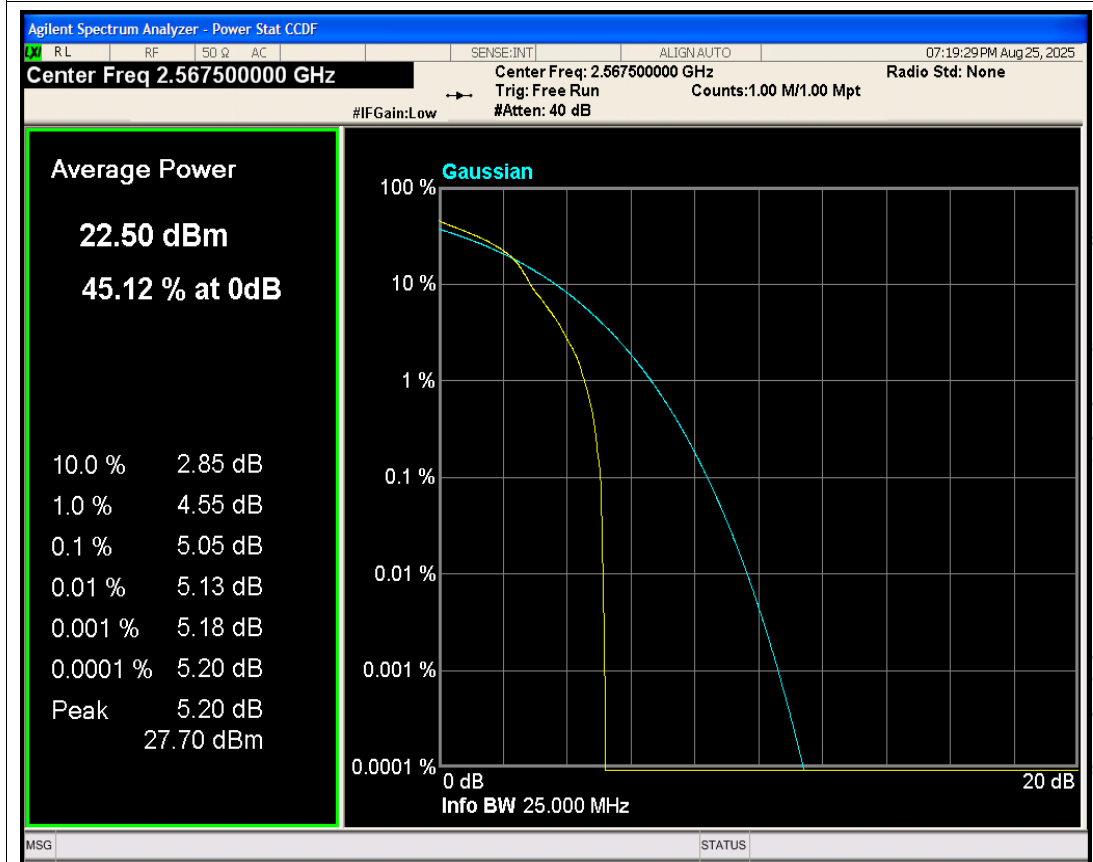
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



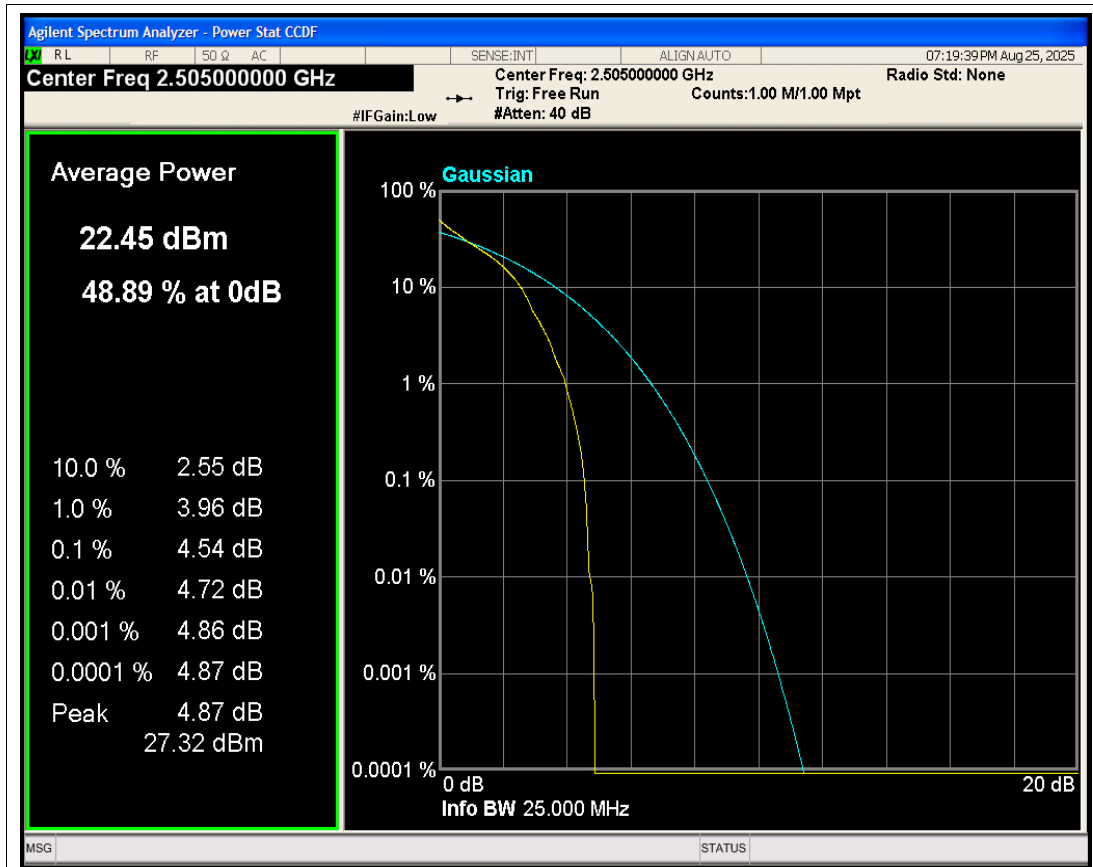
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



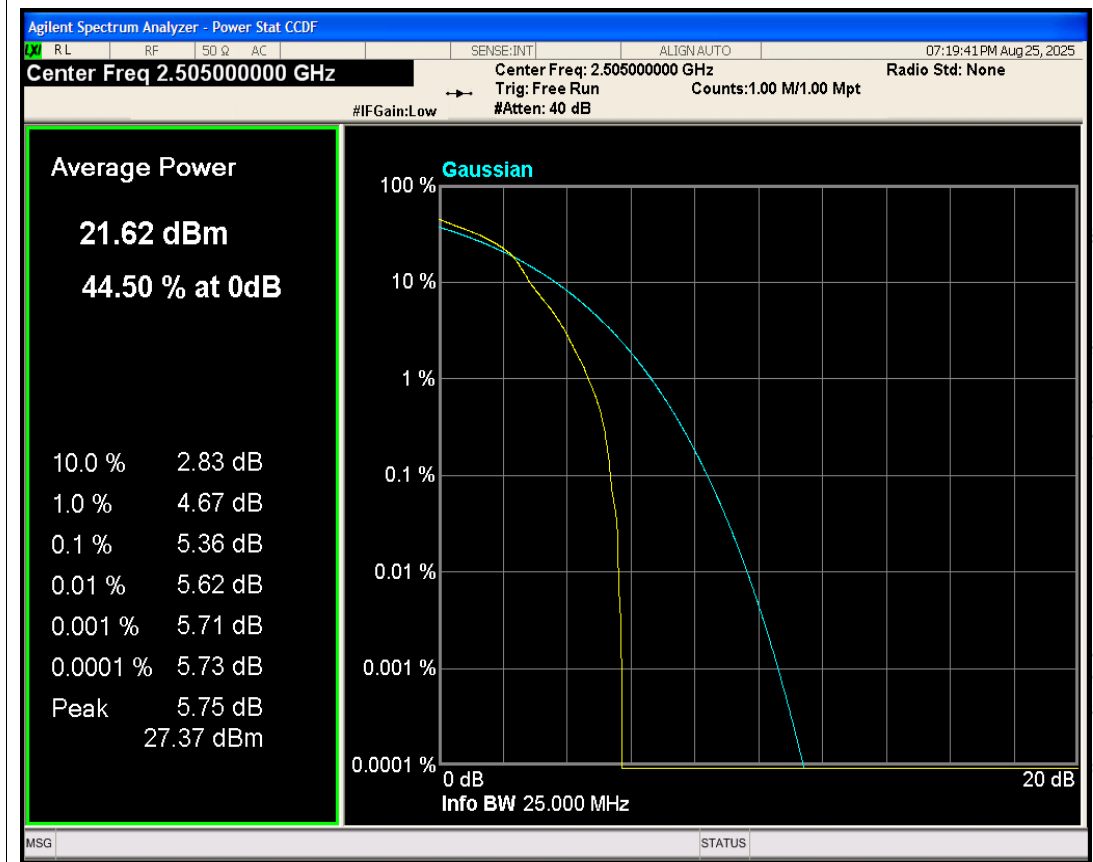
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



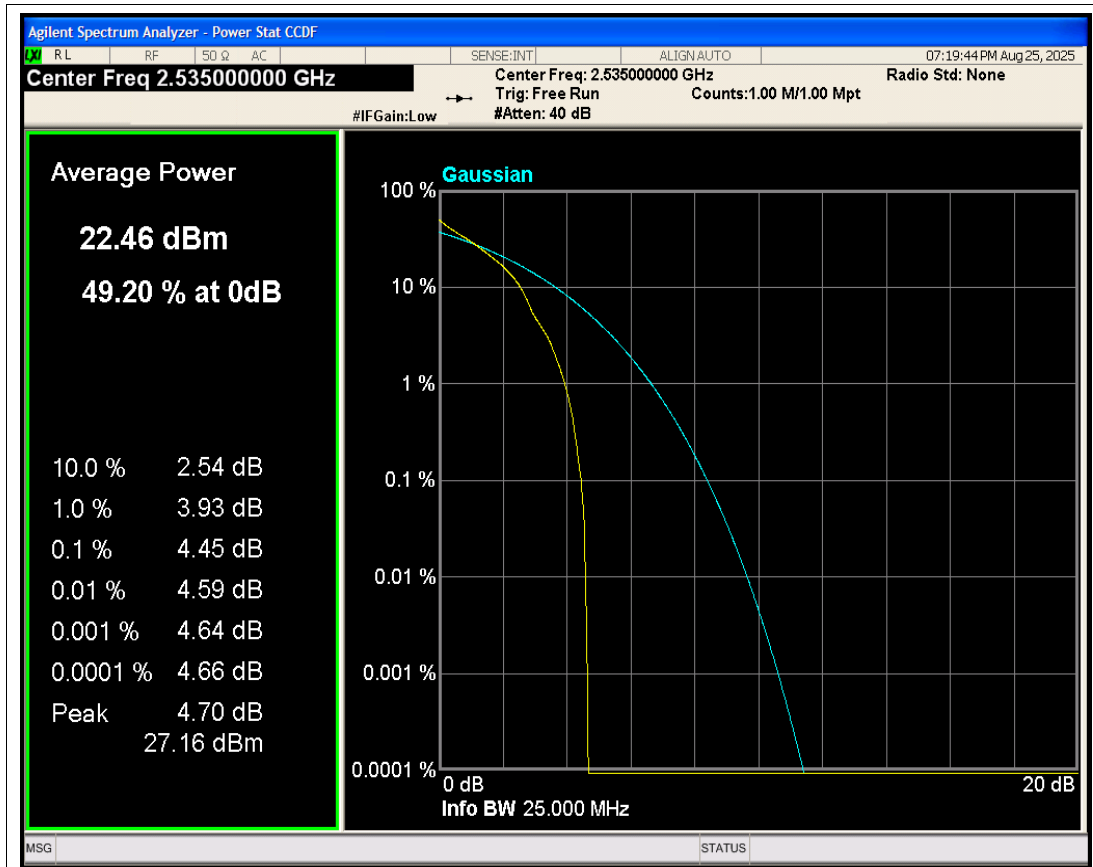
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0



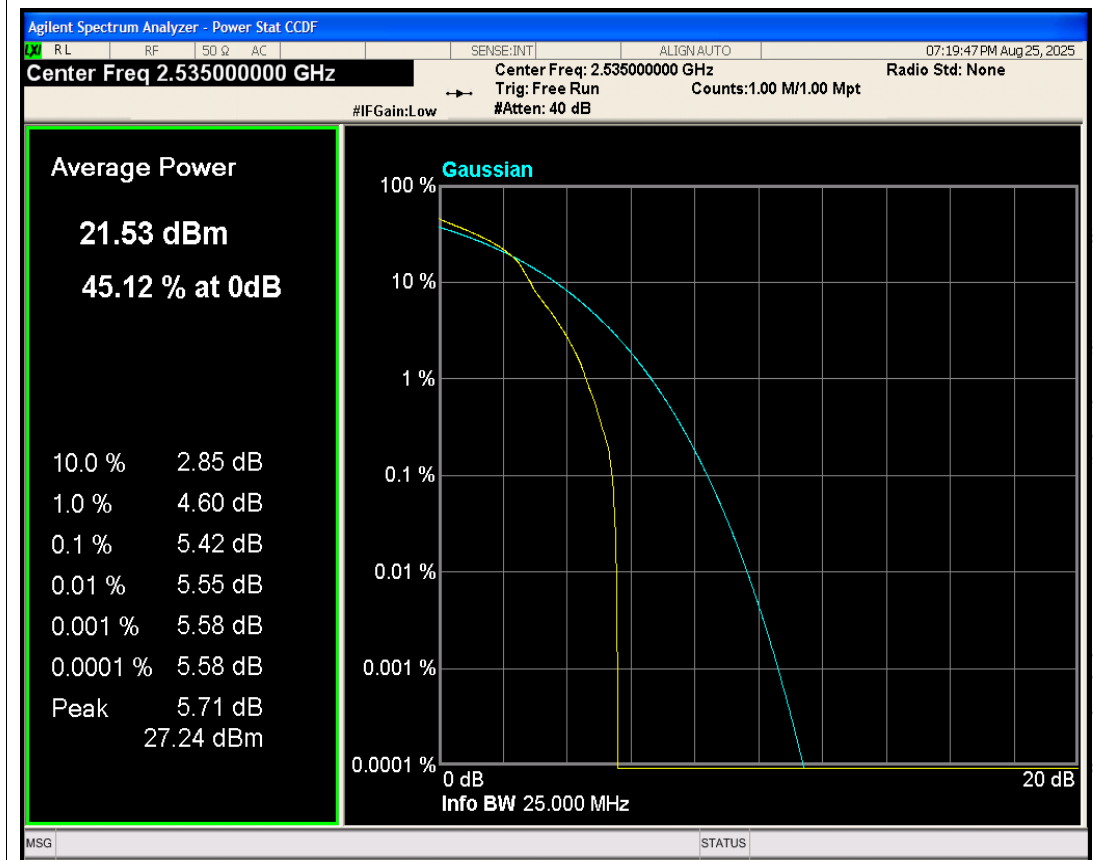
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



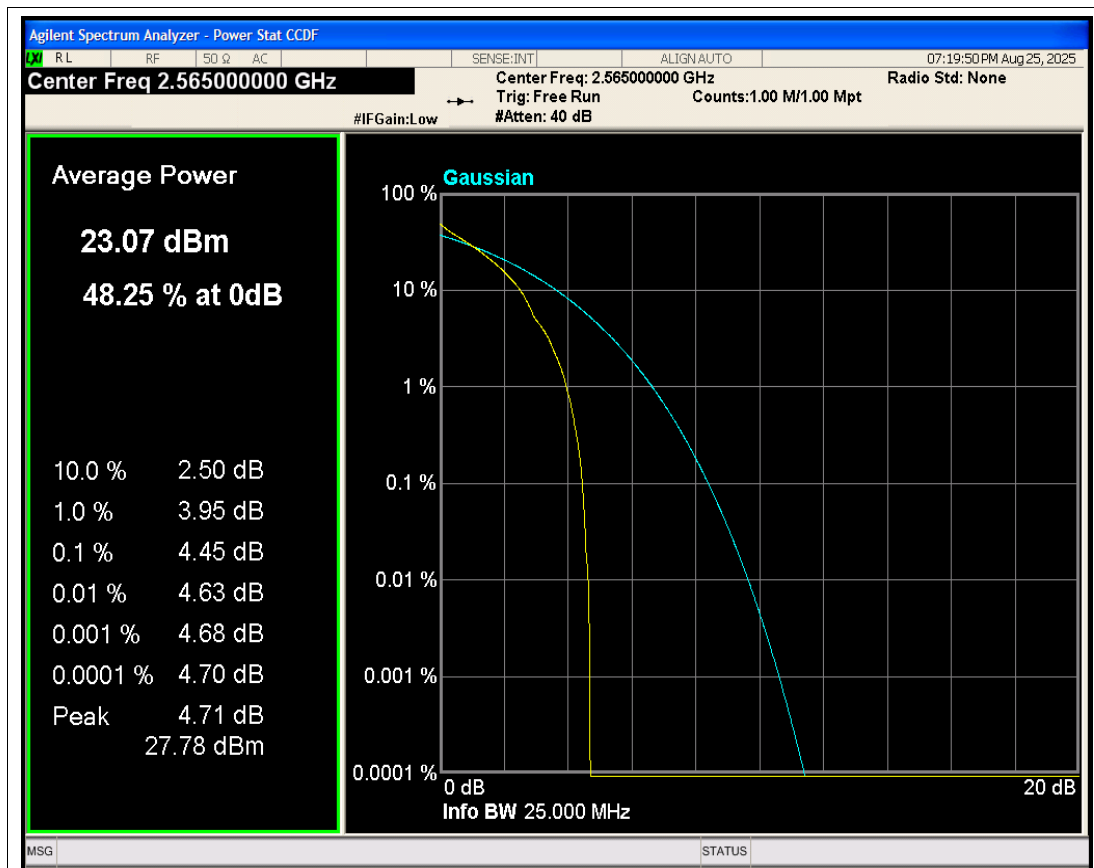
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0



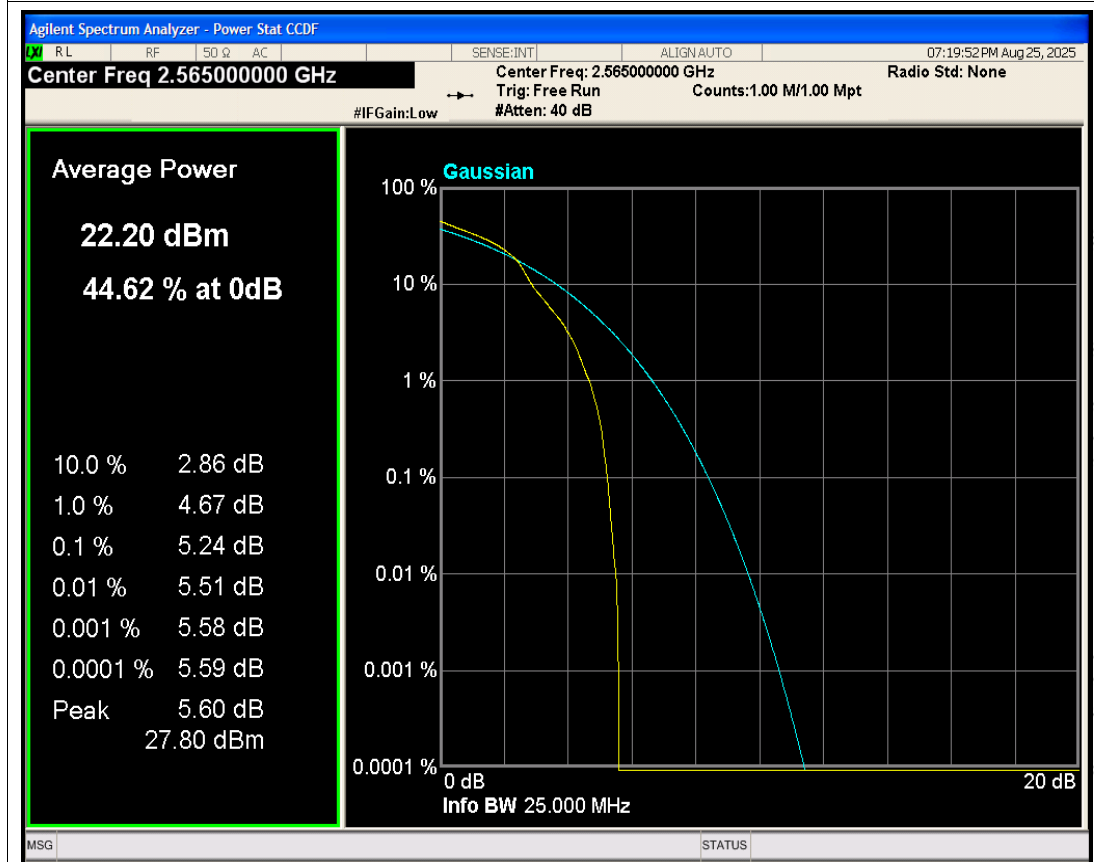
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



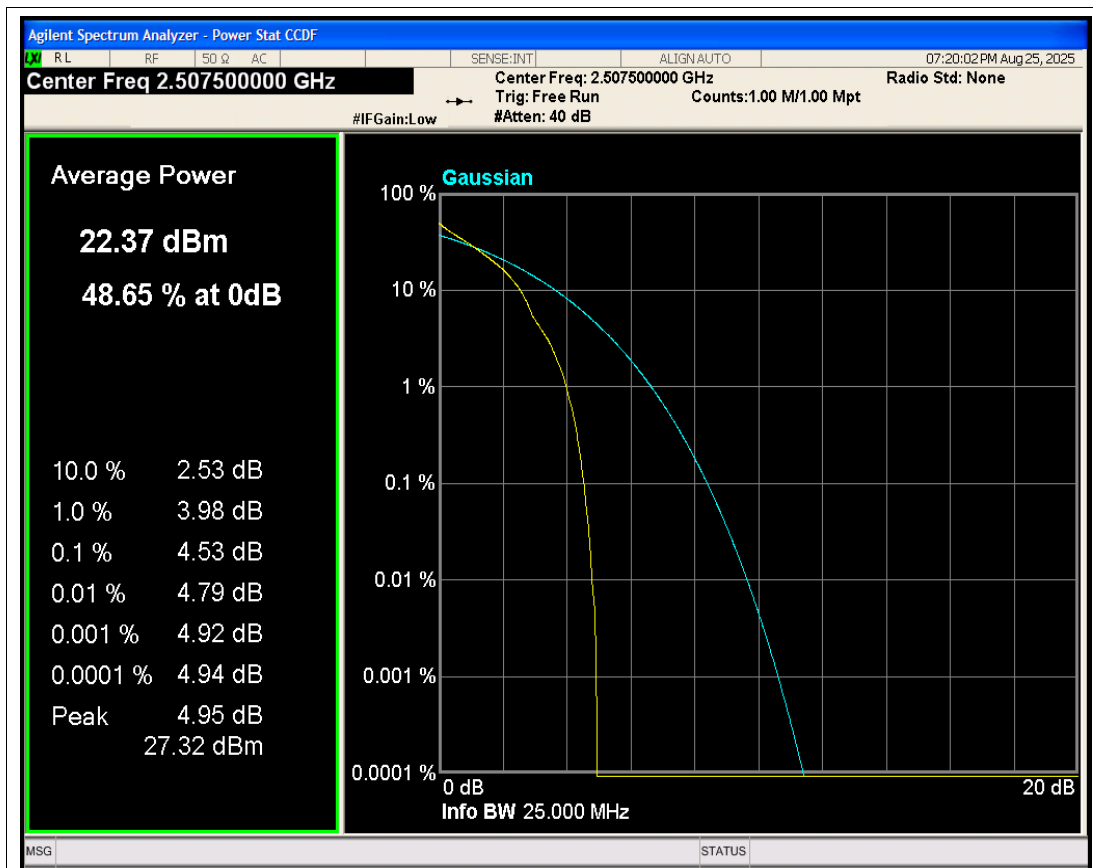
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



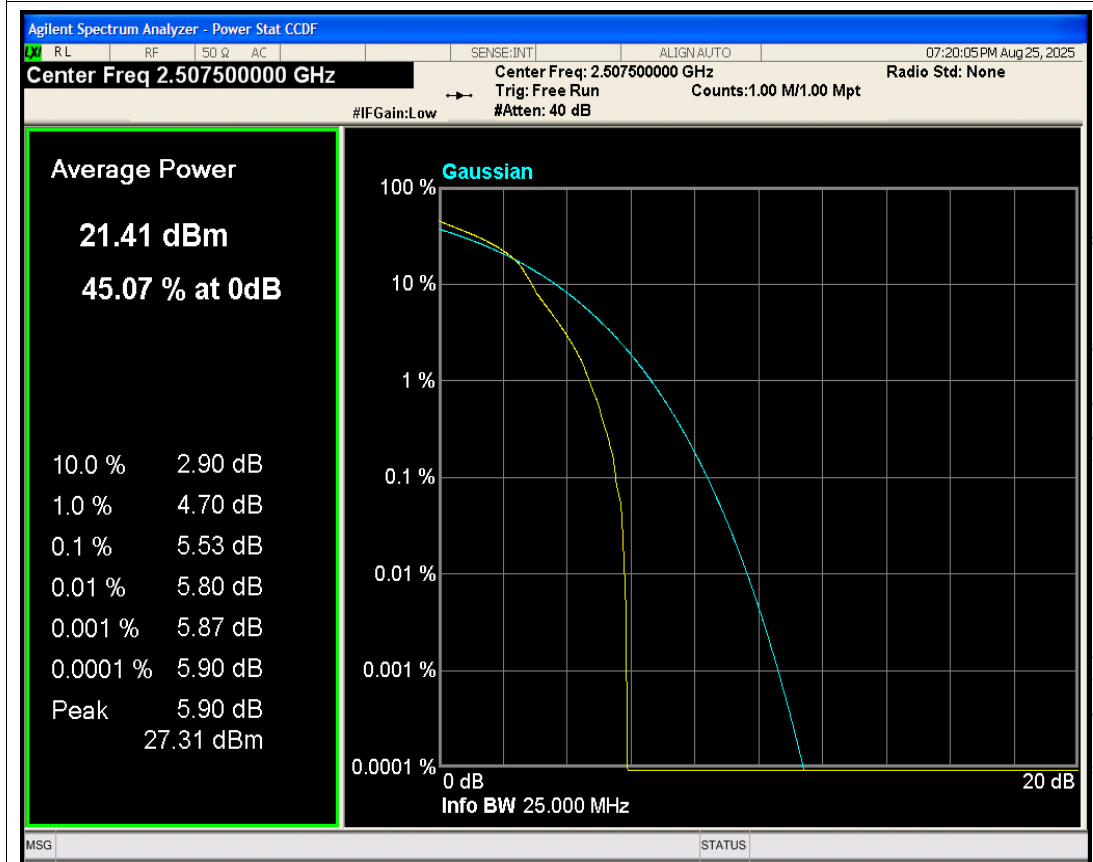
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



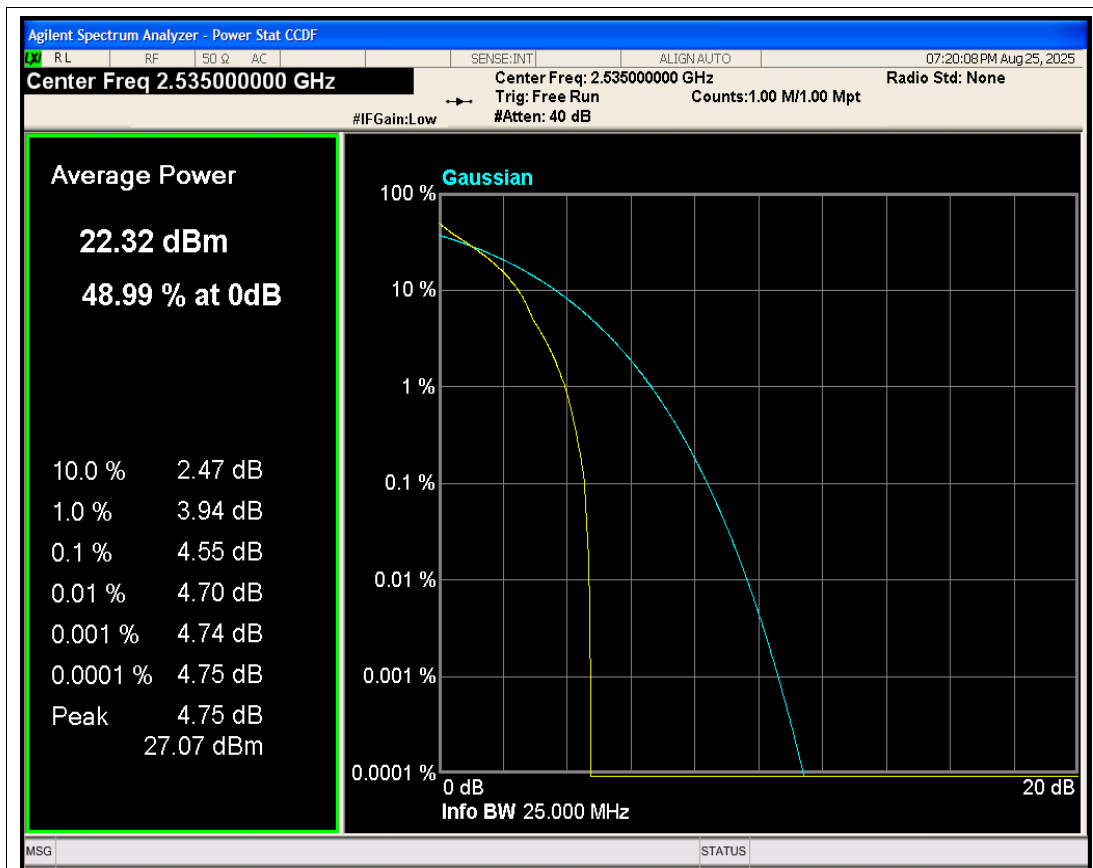
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0



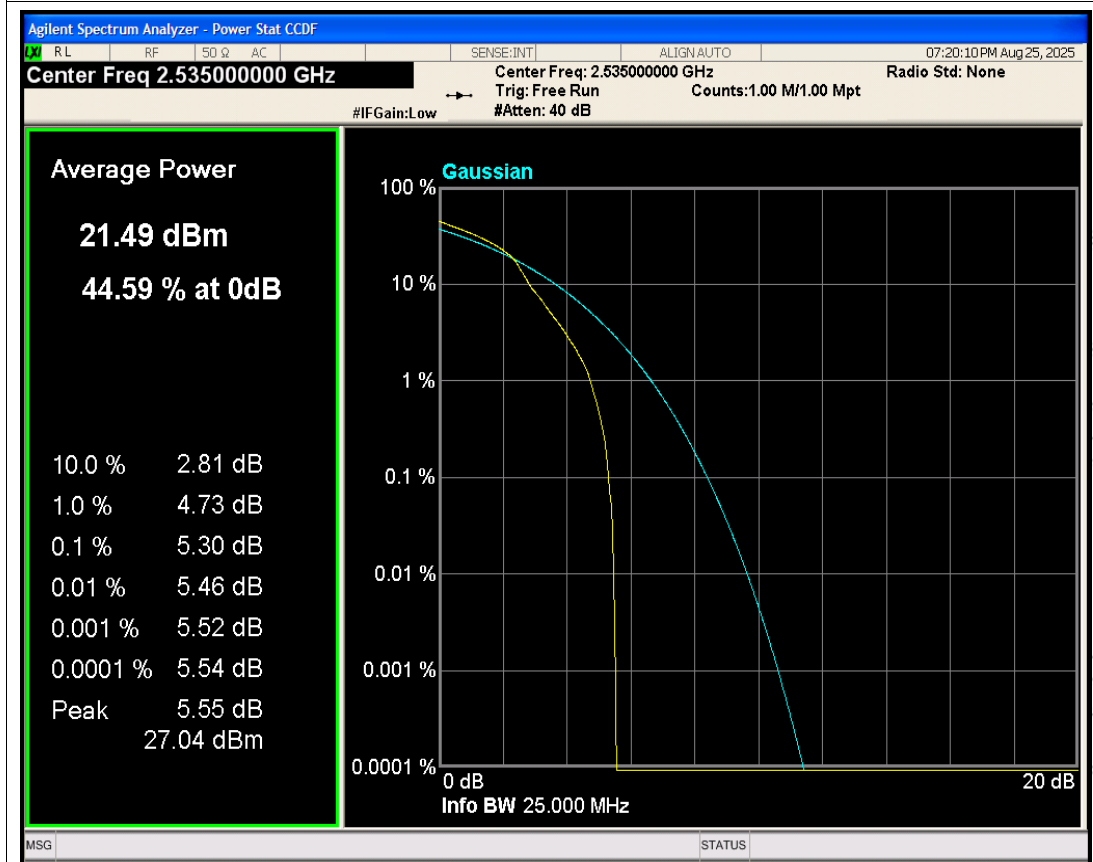
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



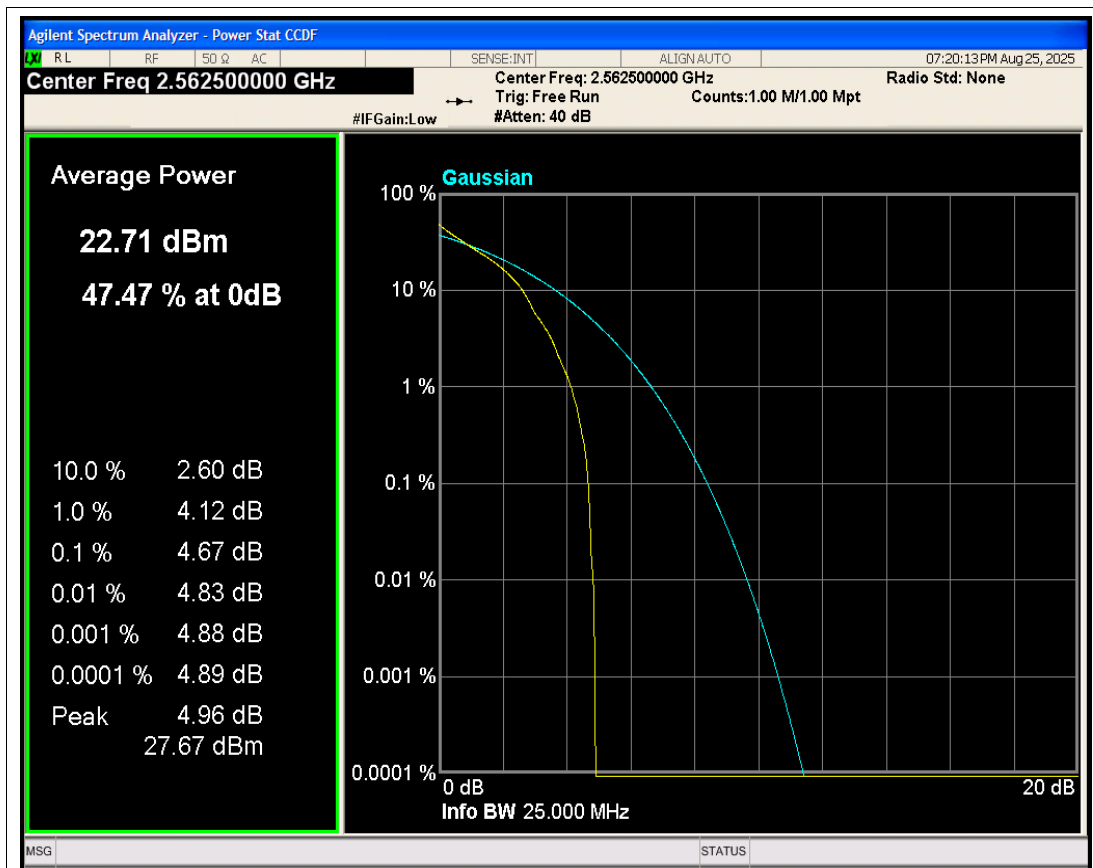
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0



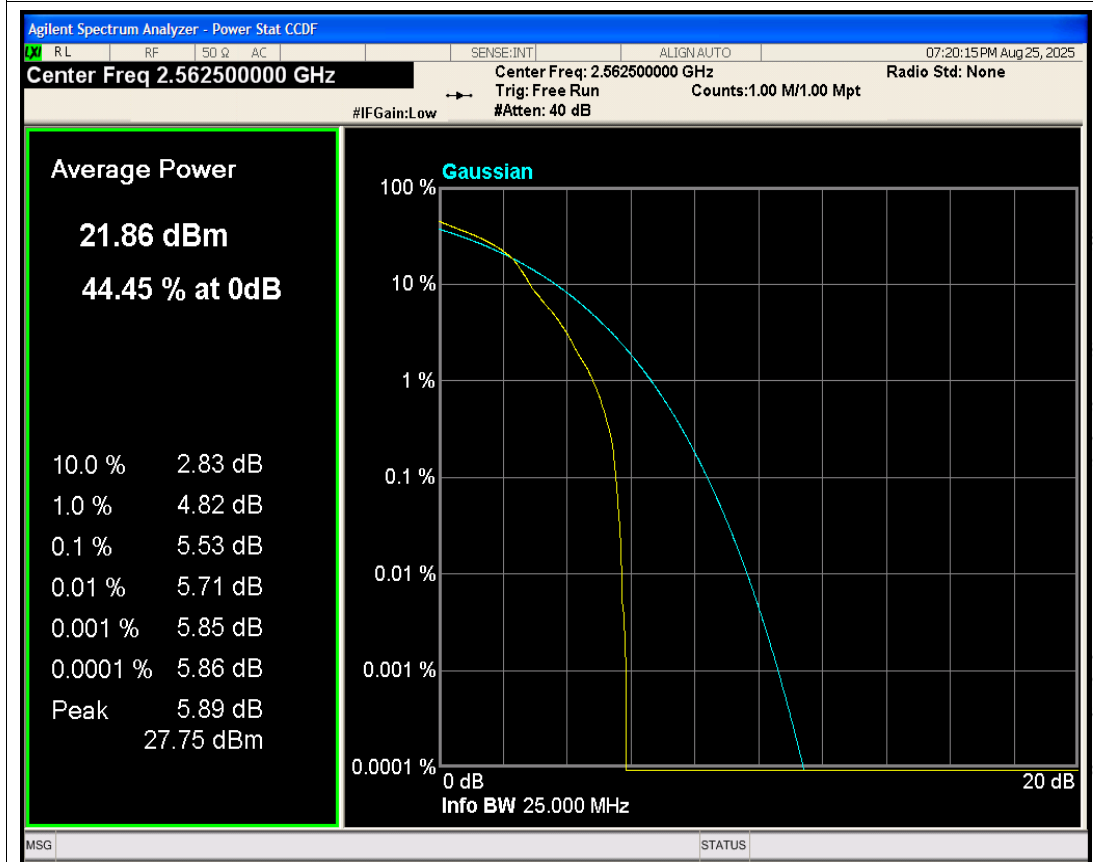
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



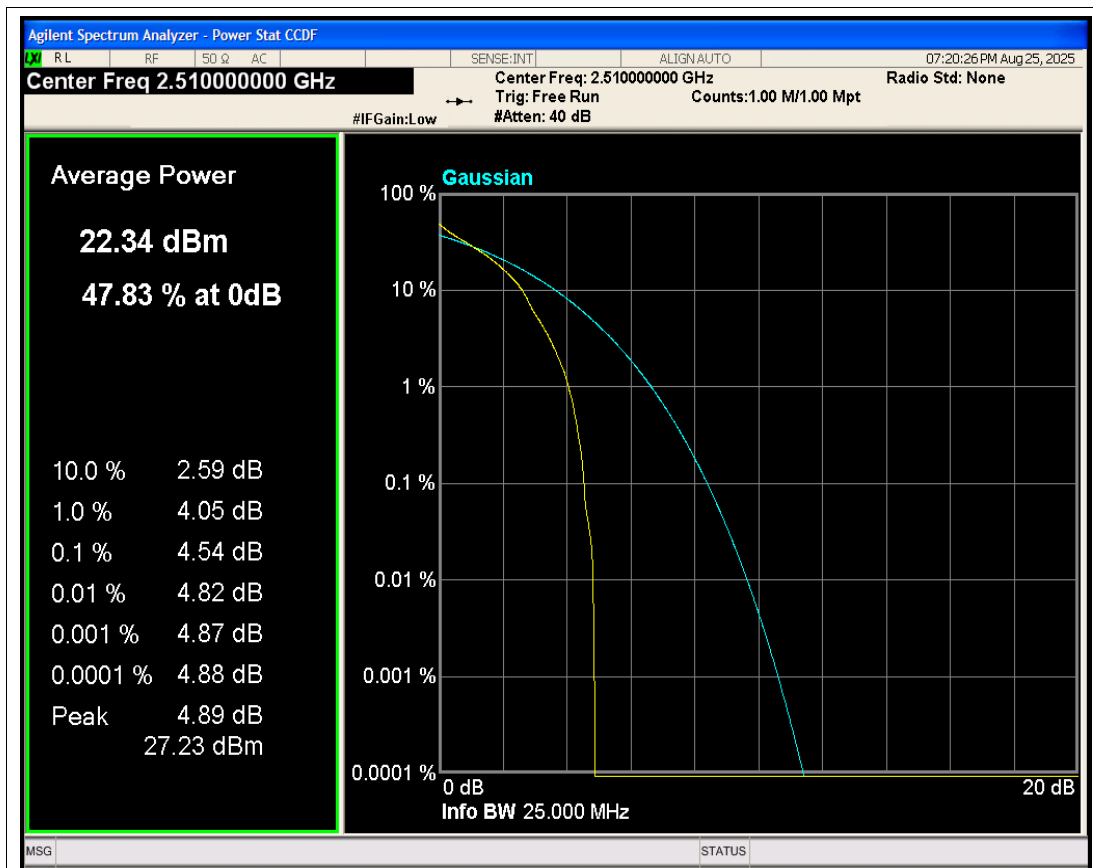
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



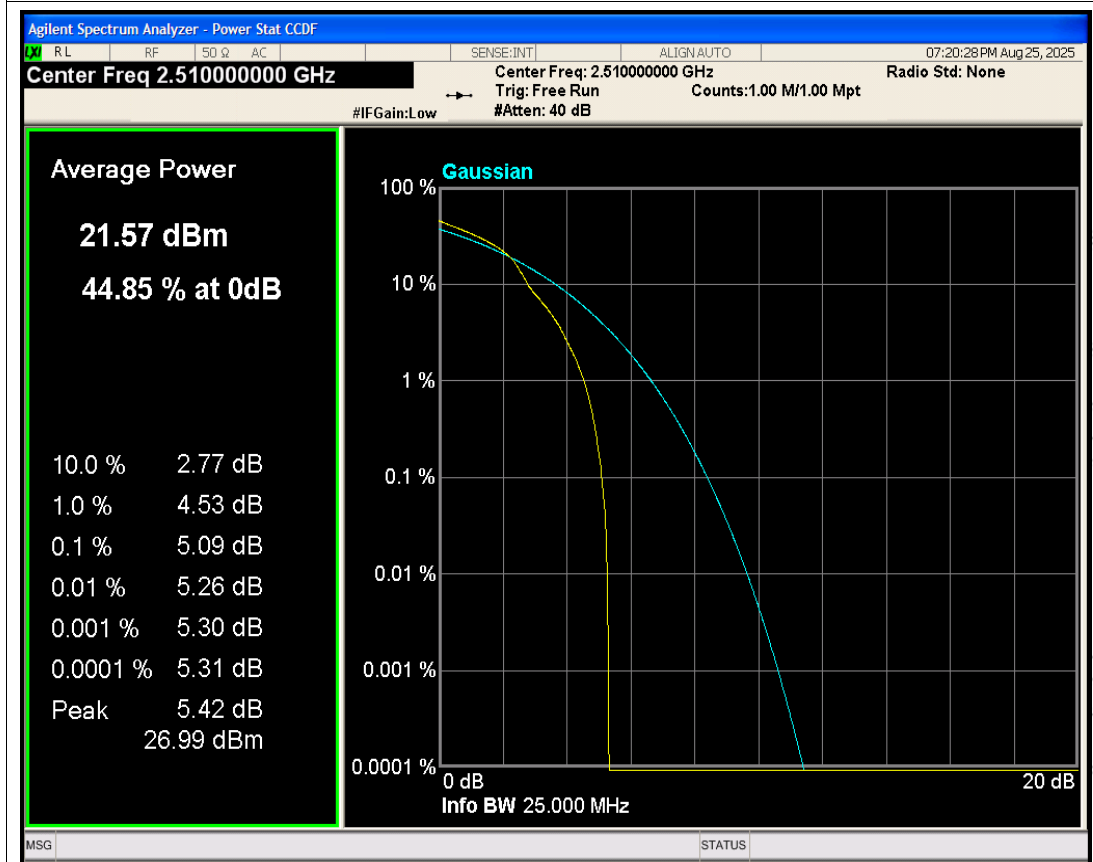
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



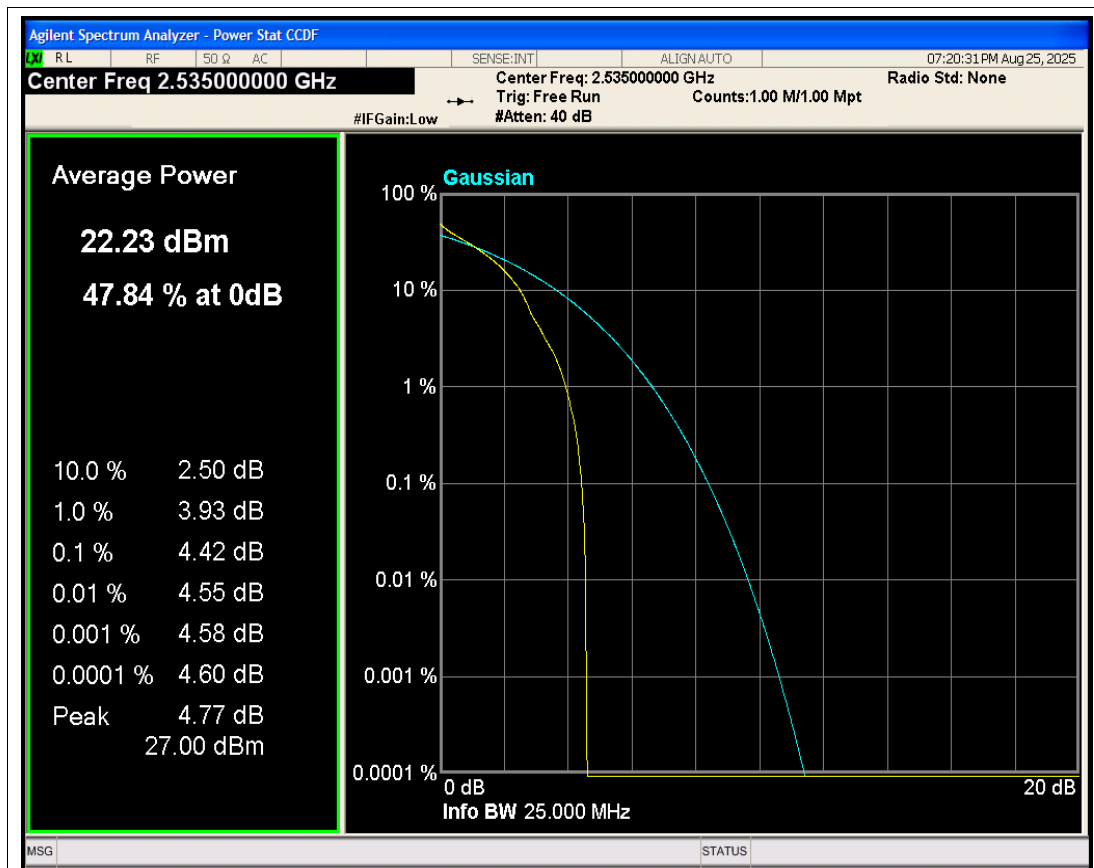
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0



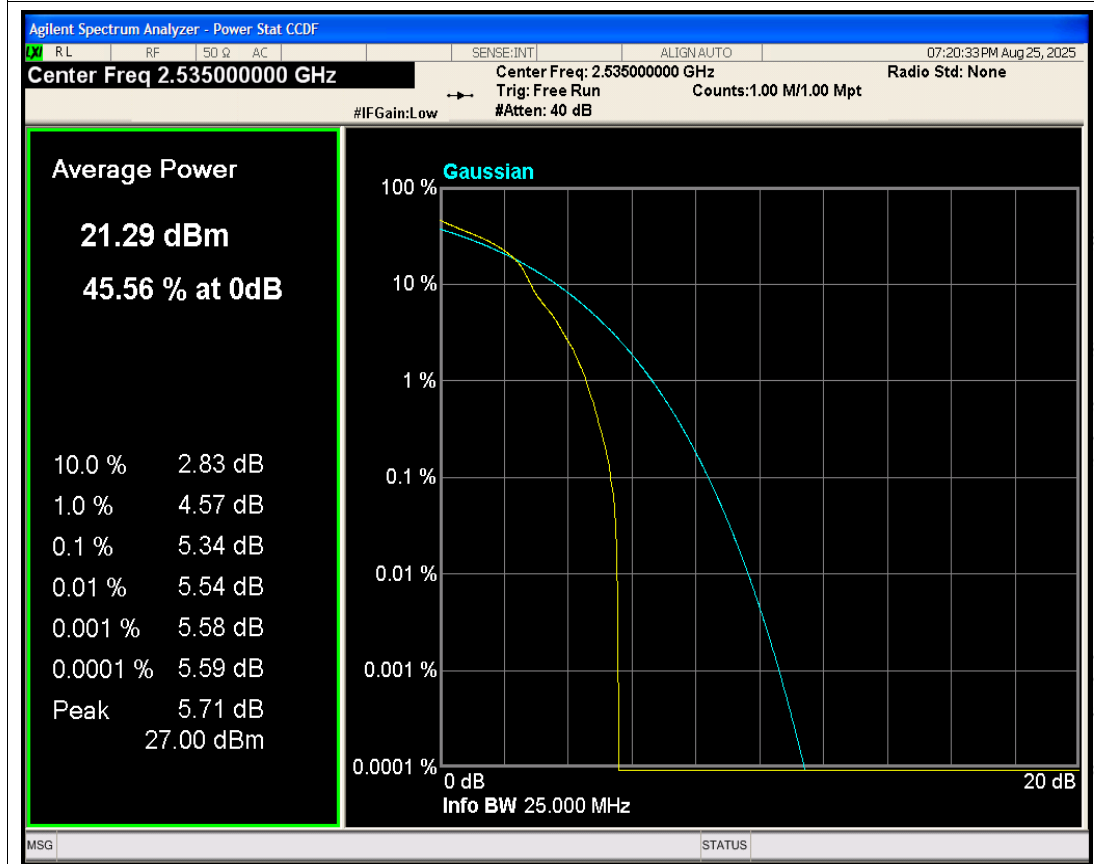
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



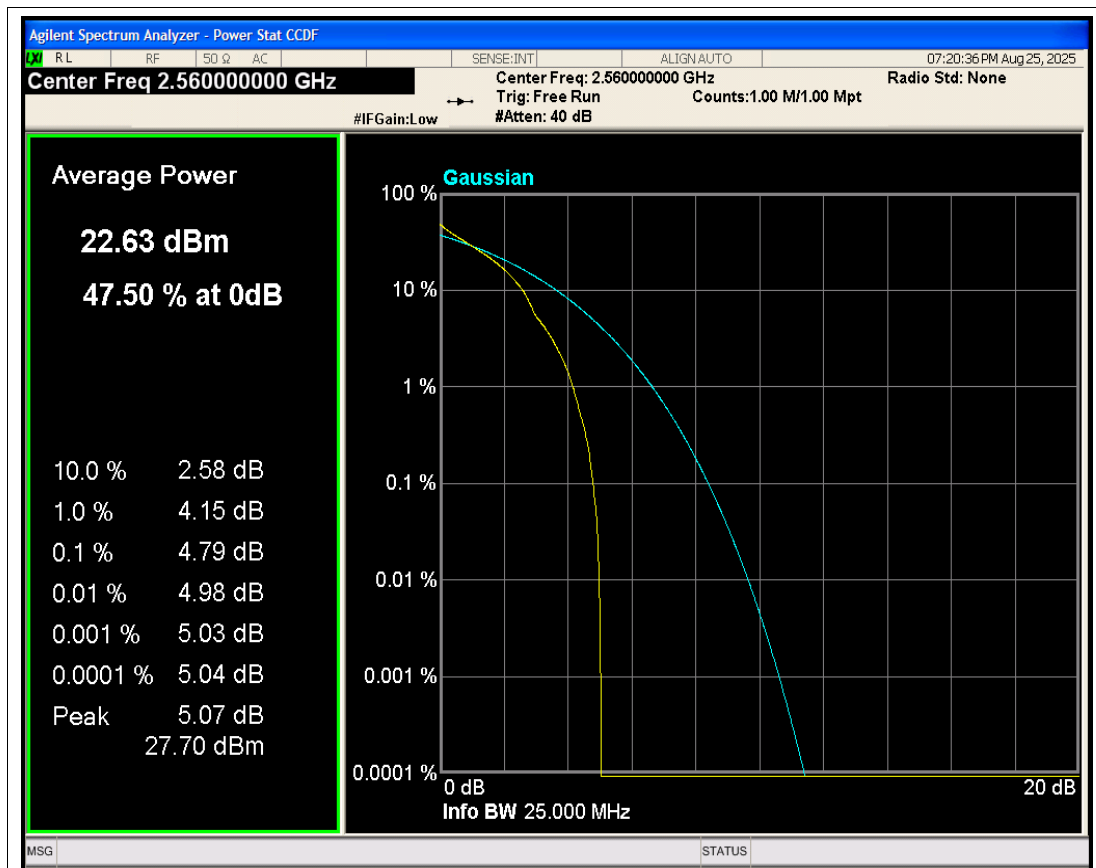
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0



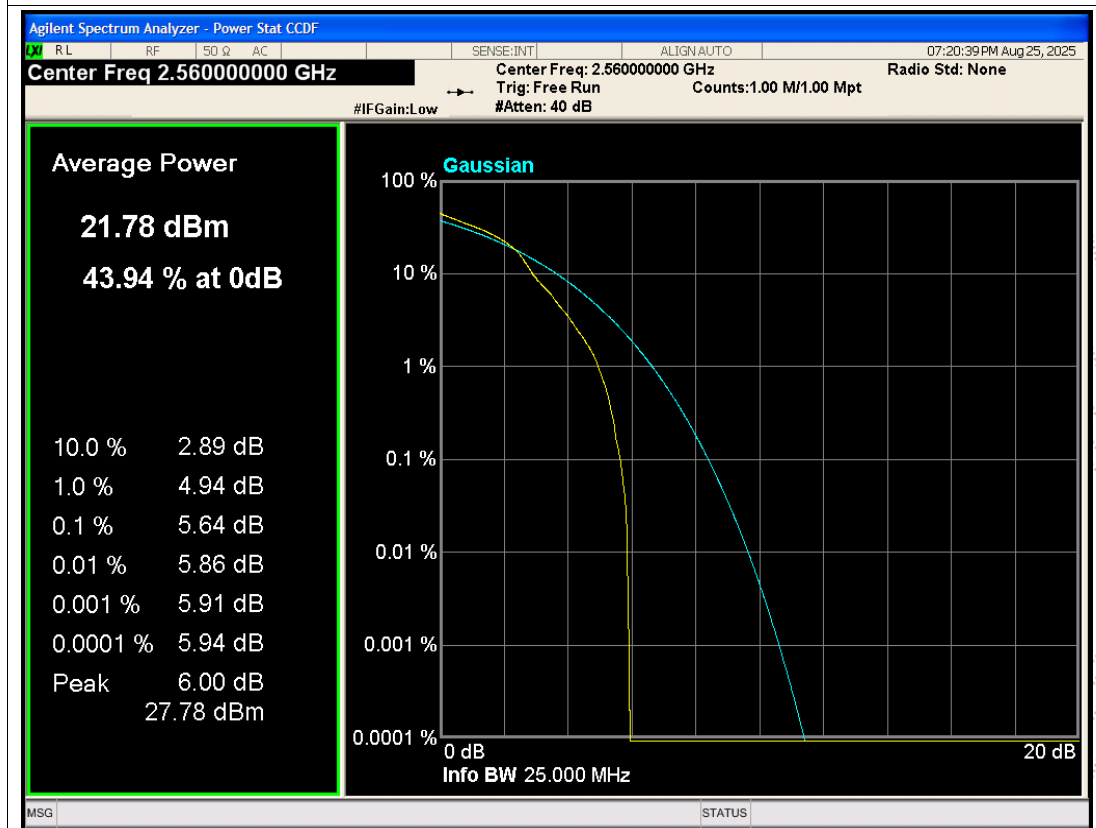
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



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



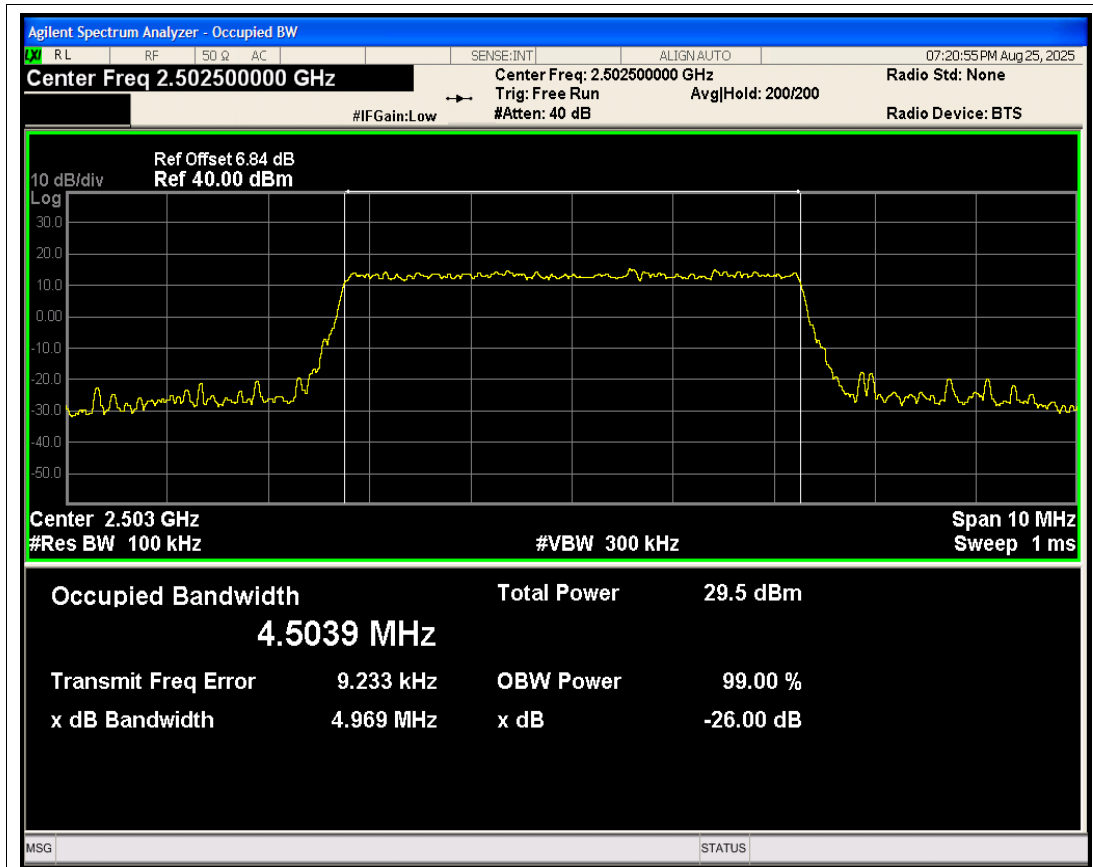
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



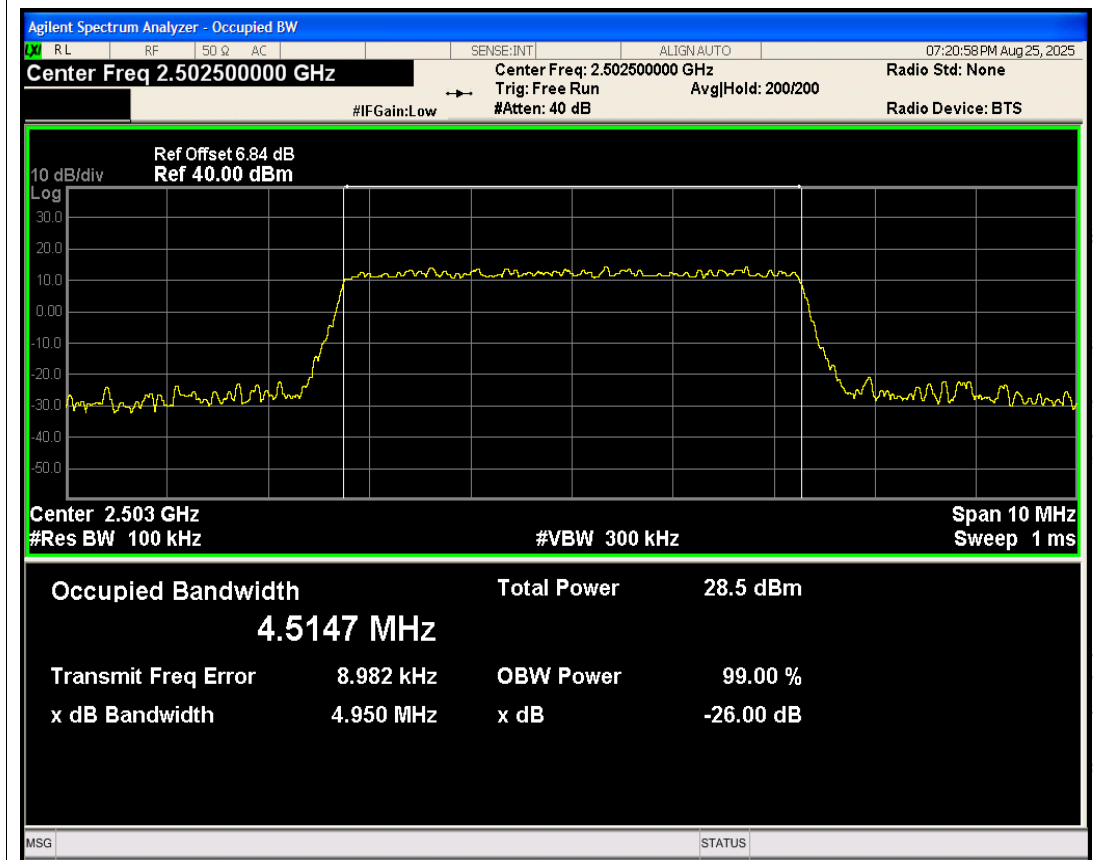
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0

Appendix 4.Occupied bandwidth

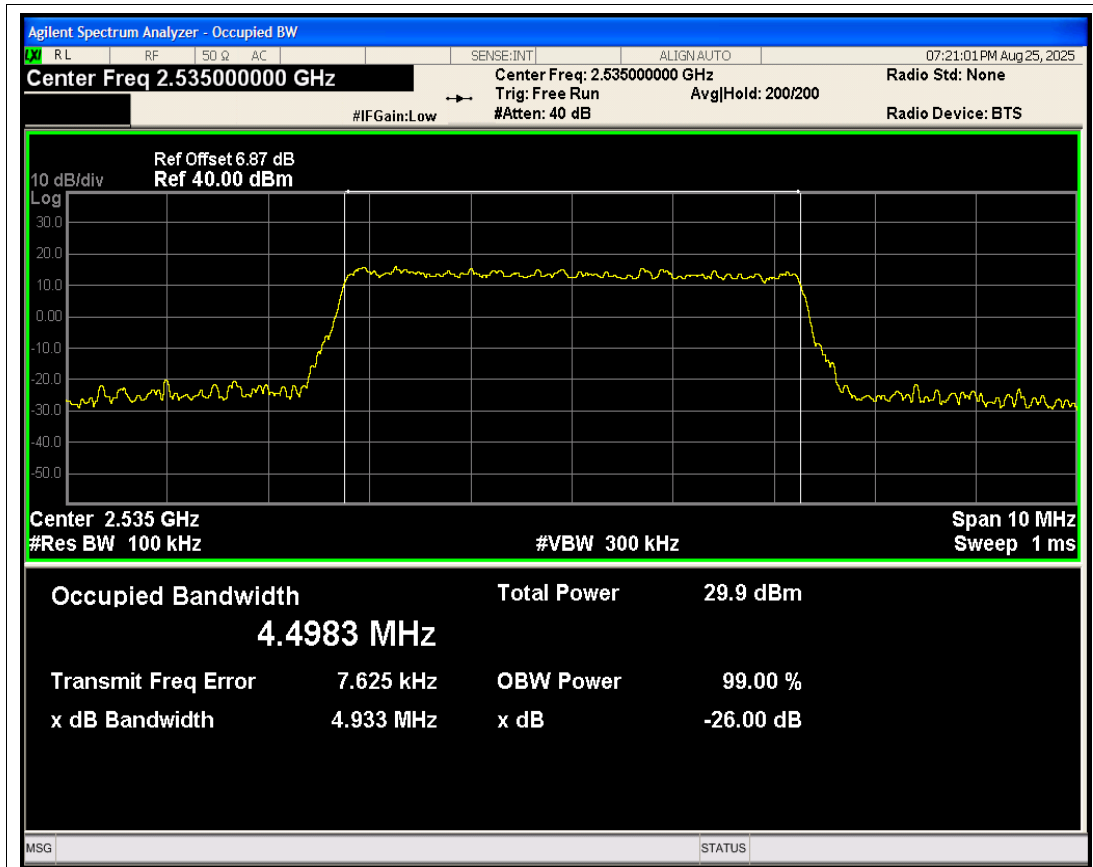
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band7	5	20775	25	#0	QPSK	4.504	4.969	PASS
Band7	5	20775	25	#0	16QAM	4.515	4.950	PASS
Band7	5	21100	25	#0	QPSK	4.498	4.933	PASS
Band7	5	21100	25	#0	16QAM	4.519	4.957	PASS
Band7	5	21425	25	#0	QPSK	4.524	4.900	PASS
Band7	5	21425	25	#0	16QAM	4.501	4.975	PASS
Band7	10	20800	50	#0	QPSK	8.978	9.733	PASS
Band7	10	20800	50	#0	16QAM	8.981	9.709	PASS
Band7	10	21100	50	#0	QPSK	8.979	9.623	PASS
Band7	10	21100	50	#0	16QAM	8.979	9.660	PASS
Band7	10	21400	50	#0	QPSK	8.971	9.643	PASS
Band7	10	21400	50	#0	16QAM	8.963	9.649	PASS
Band7	15	20825	75	#0	QPSK	13.484	14.737	PASS
Band7	15	20825	75	#0	16QAM	13.470	14.527	PASS
Band7	15	21100	75	#0	QPSK	13.426	14.463	PASS
Band7	15	21100	75	#0	16QAM	13.426	14.624	PASS
Band7	15	21375	75	#0	QPSK	13.468	14.508	PASS
Band7	15	21375	75	#0	16QAM	13.452	14.513	PASS
Band7	20	20850	100	#0	QPSK	17.902	19.327	PASS
Band7	20	20850	100	#0	16QAM	17.952	19.285	PASS
Band7	20	21100	100	#0	QPSK	17.918	19.216	PASS
Band7	20	21100	100	#0	16QAM	17.980	19.219	PASS
Band7	20	21350	100	#0	QPSK	17.964	19.326	PASS
Band7	20	21350	100	#0	16QAM	17.938	19.226	PASS



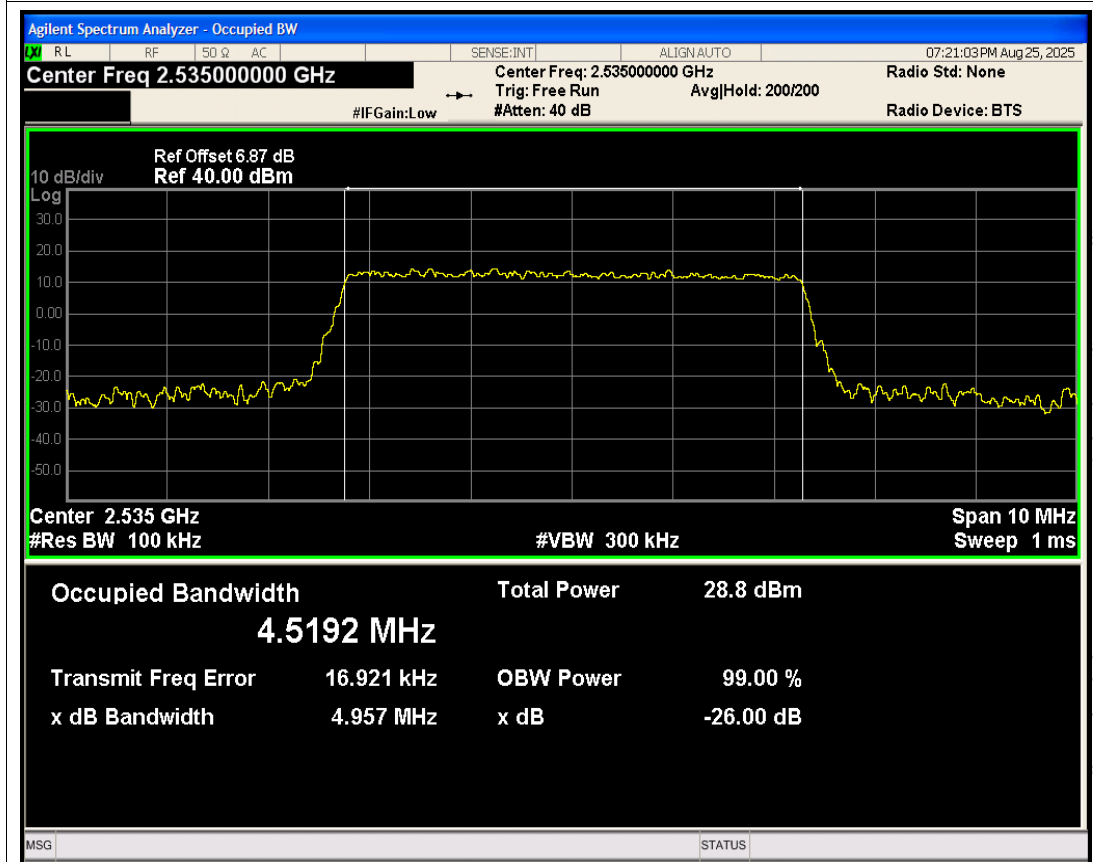
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



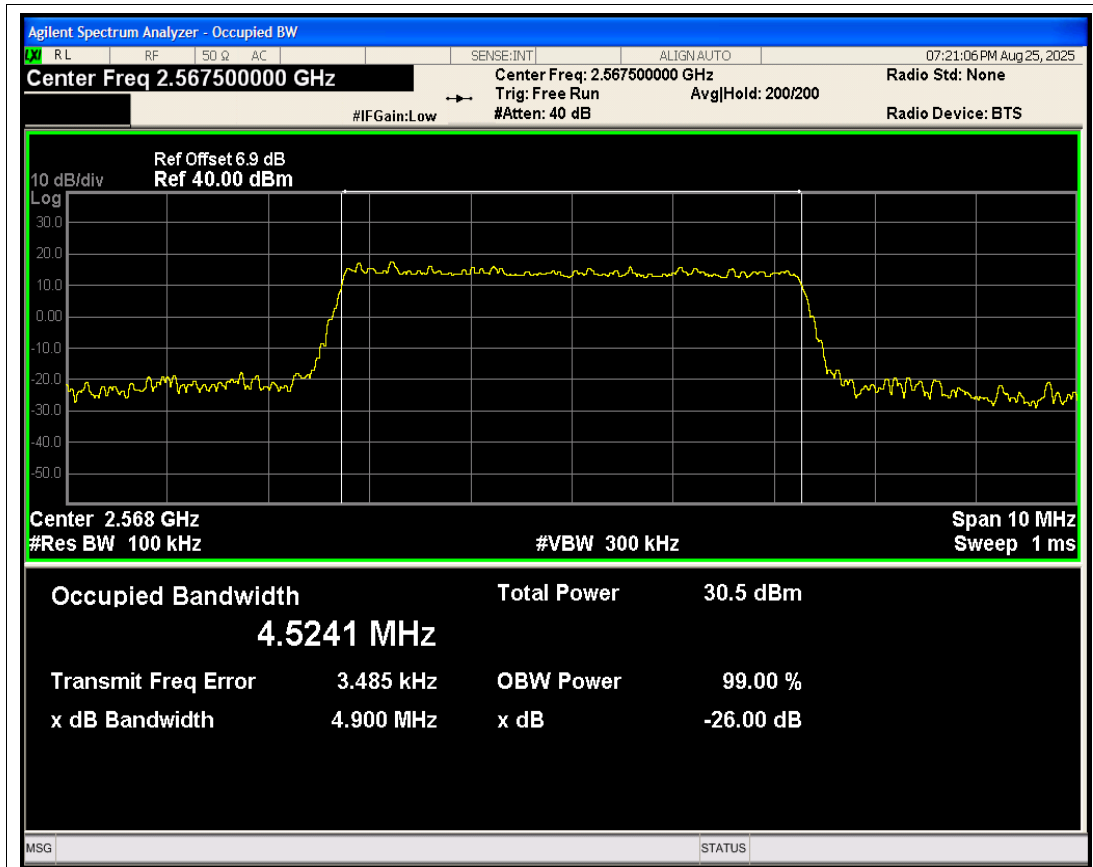
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



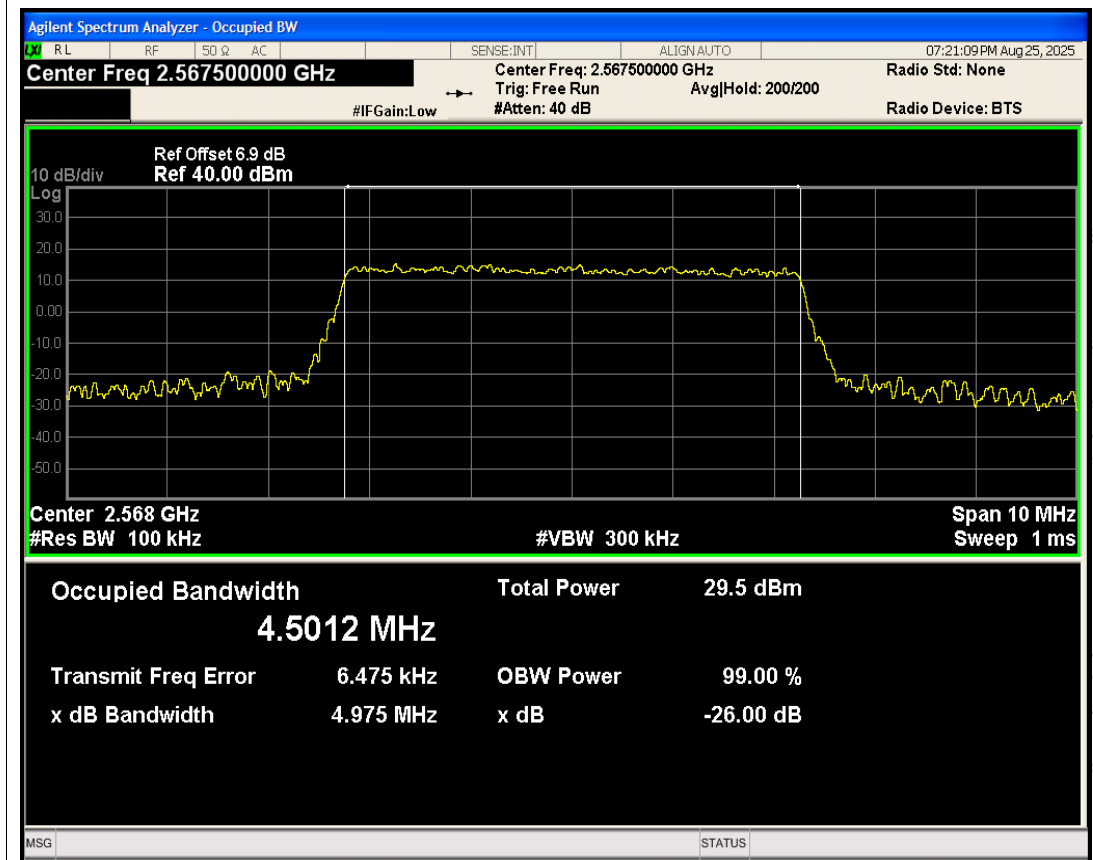
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



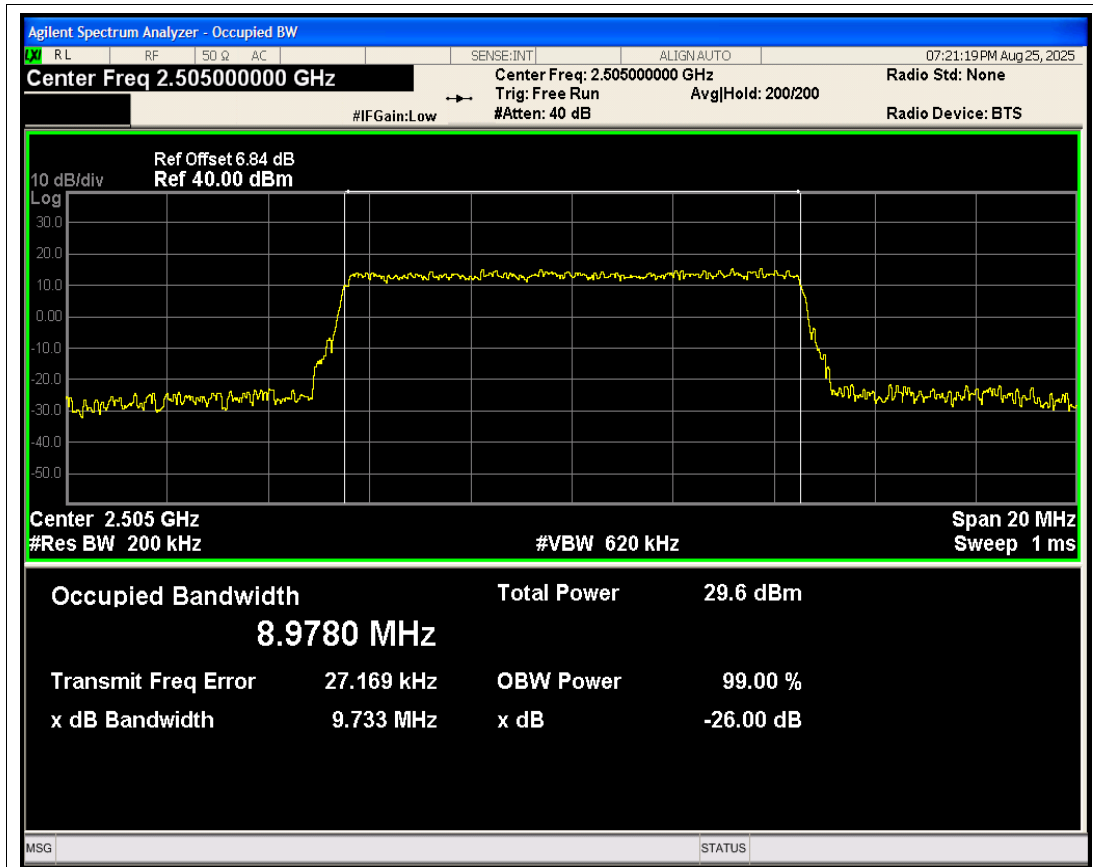
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



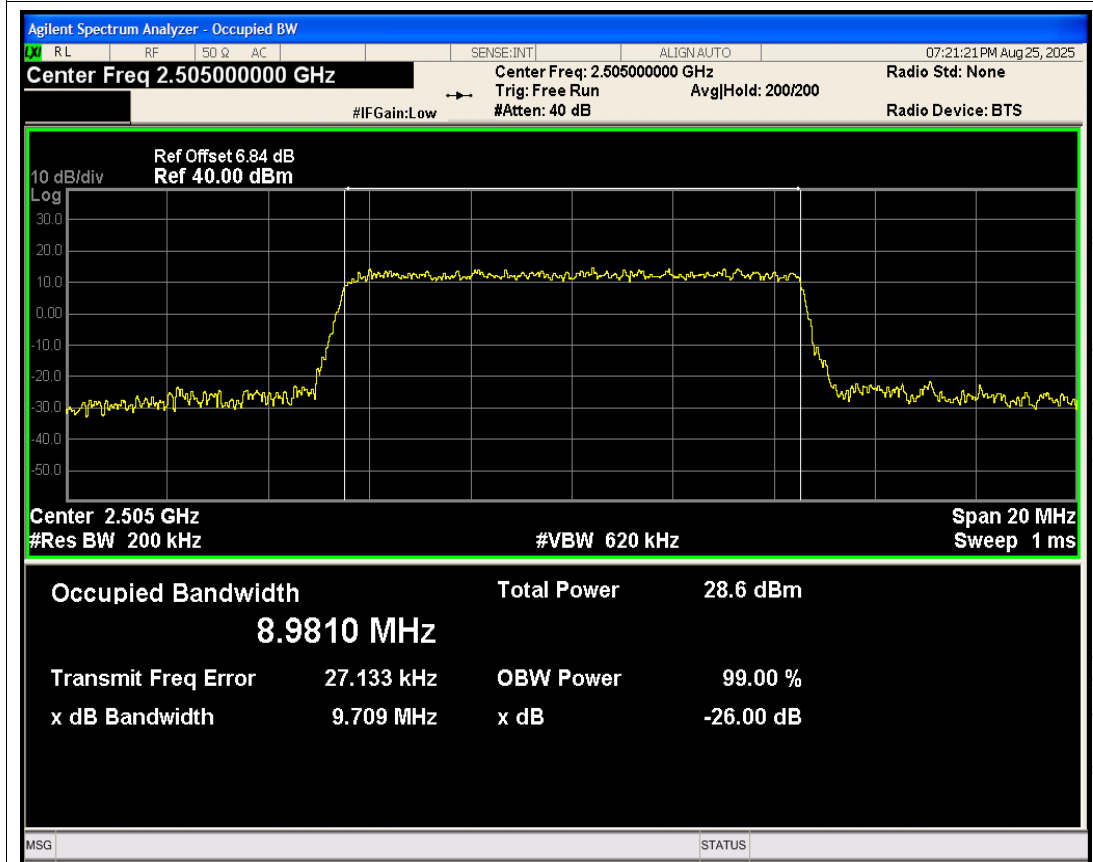
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



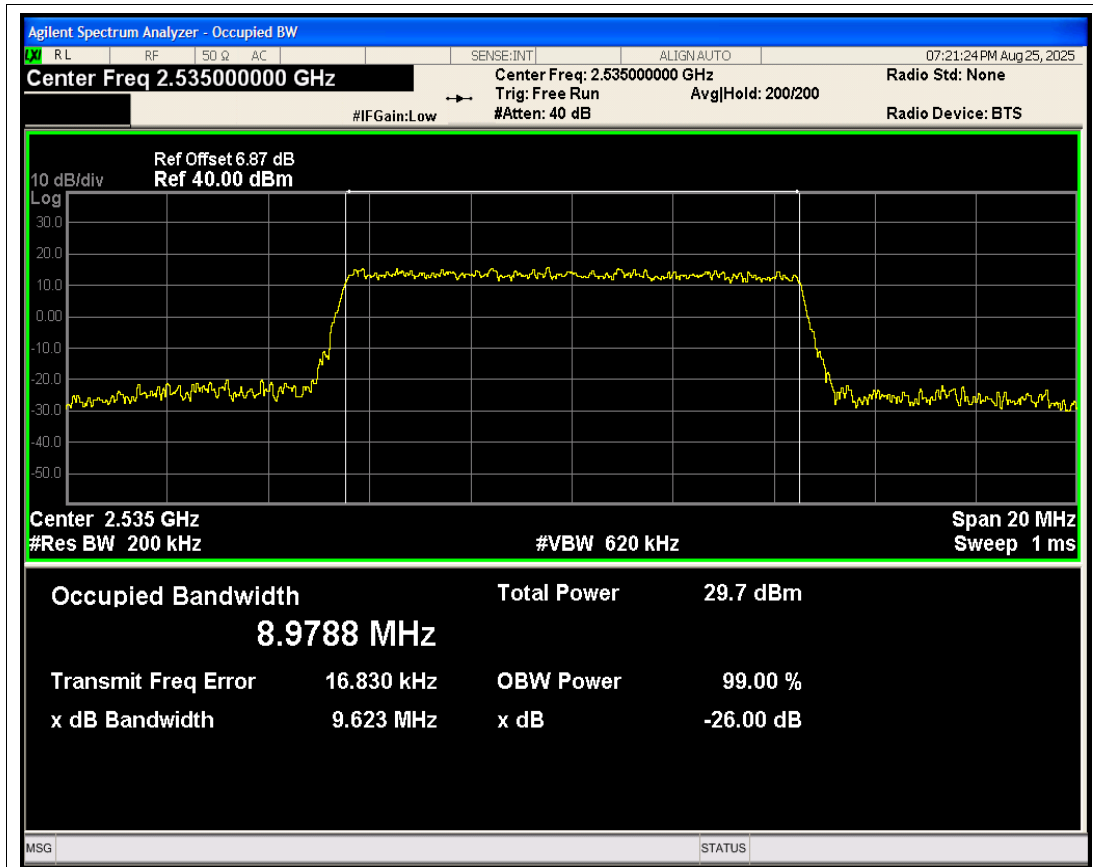
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



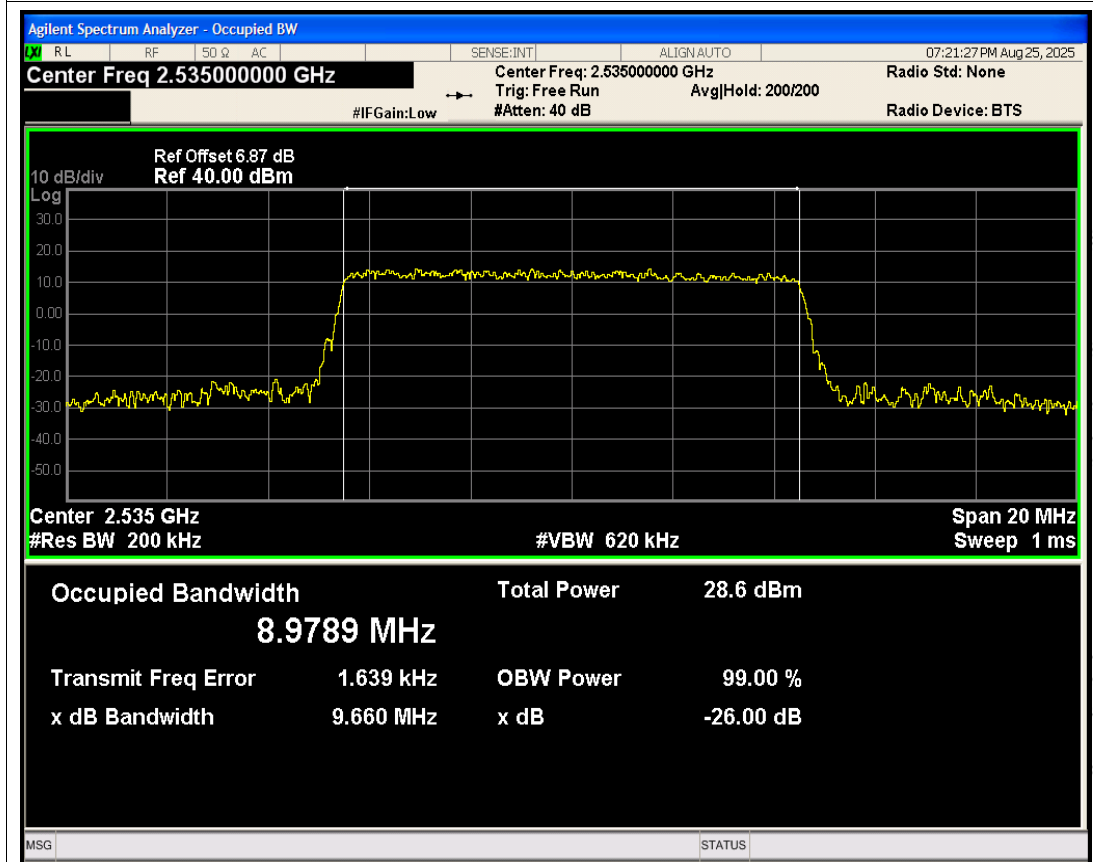
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



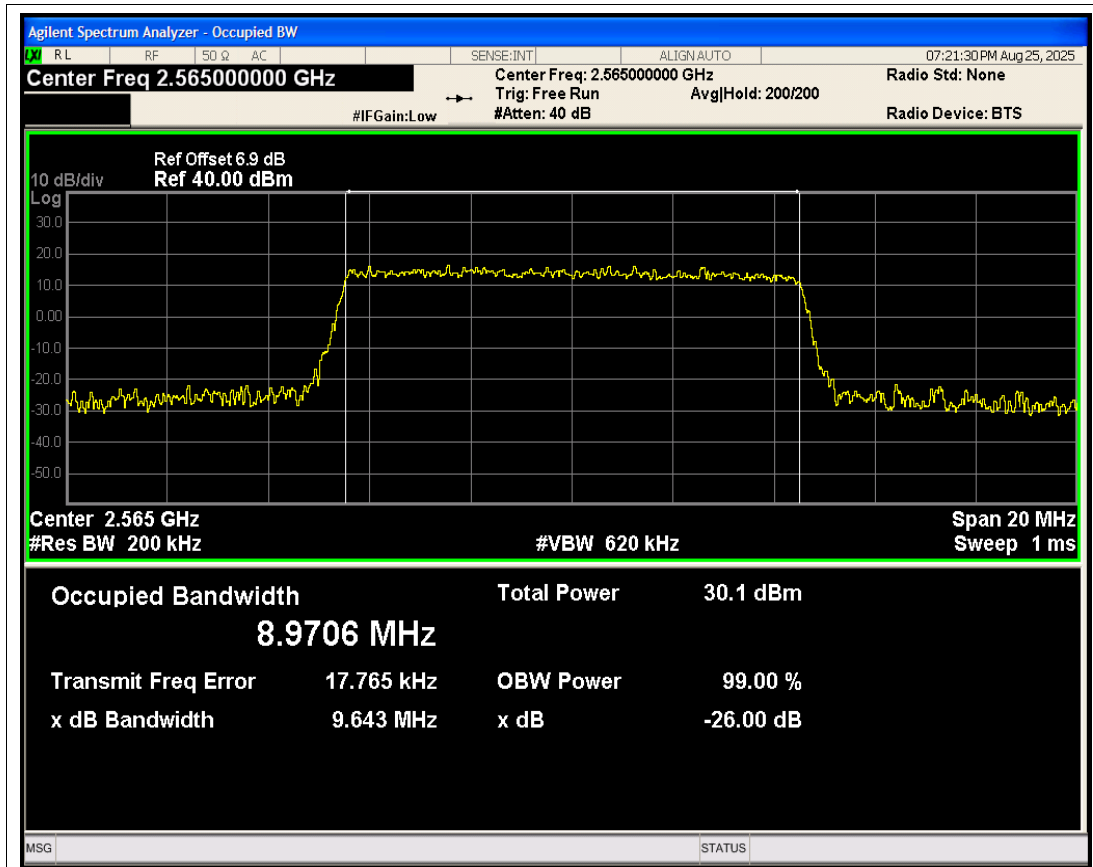
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



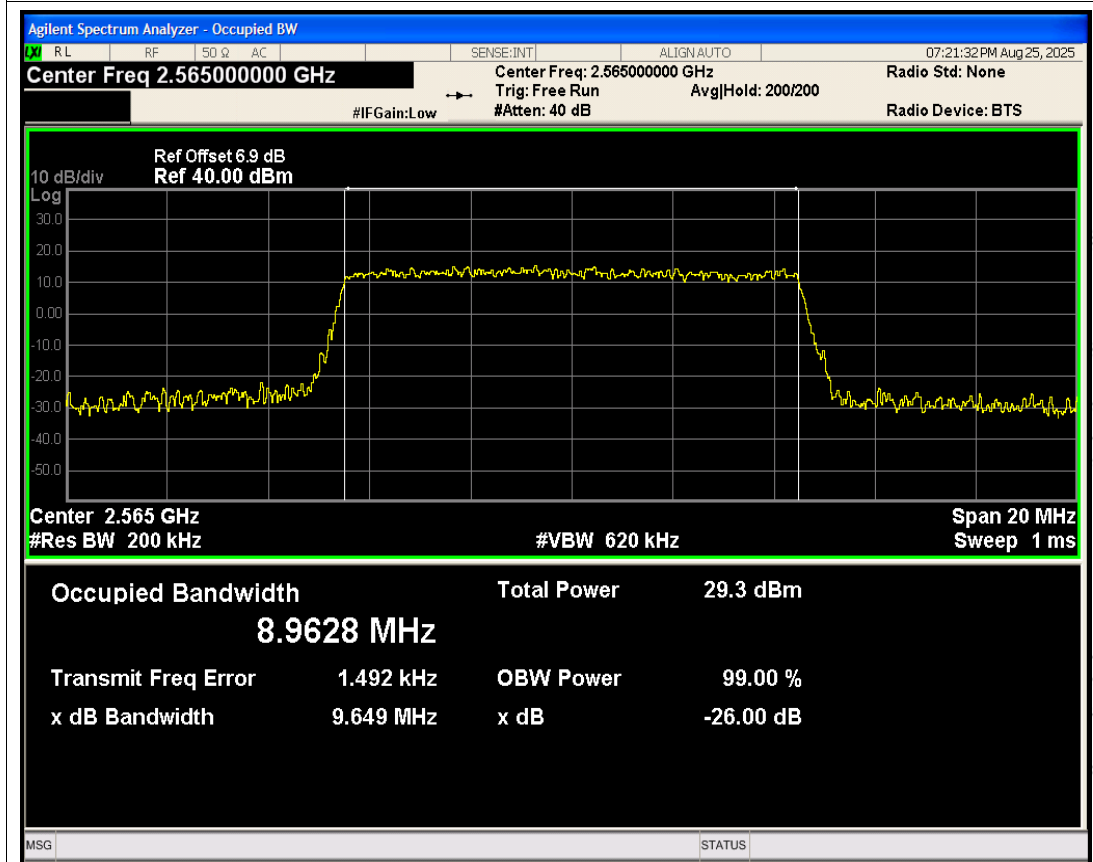
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



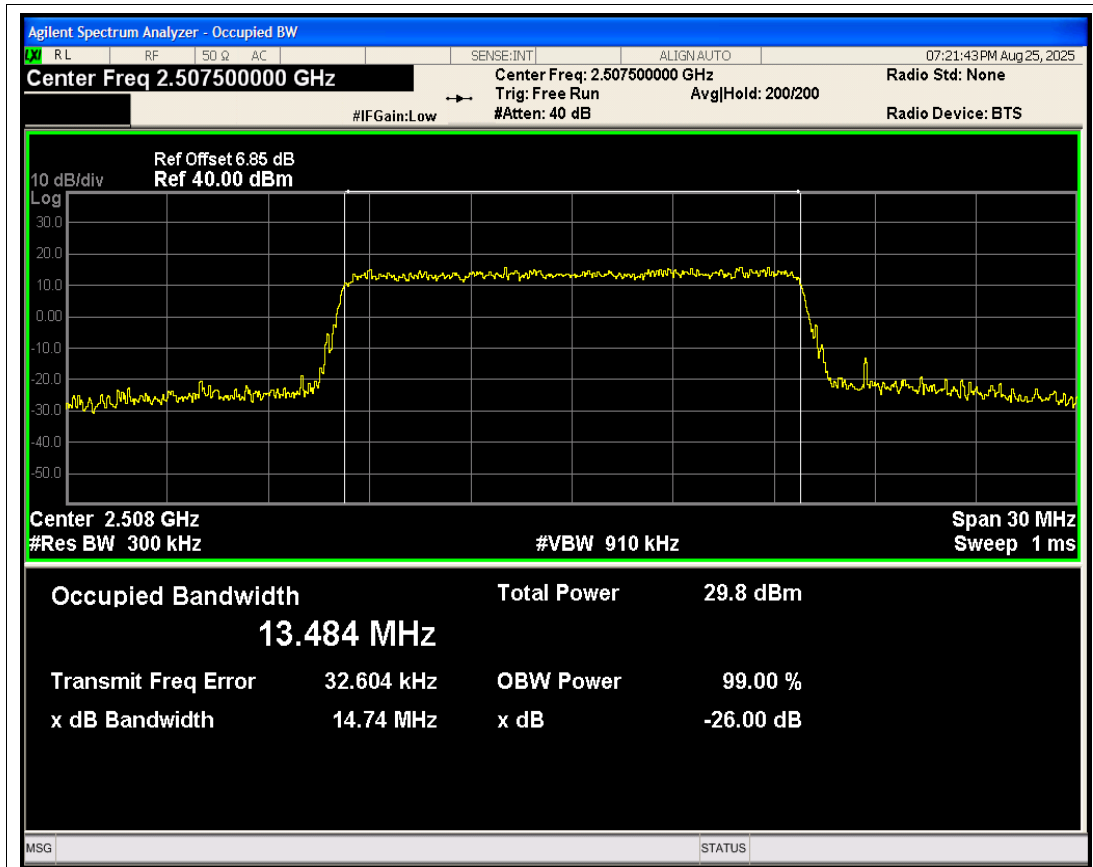
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



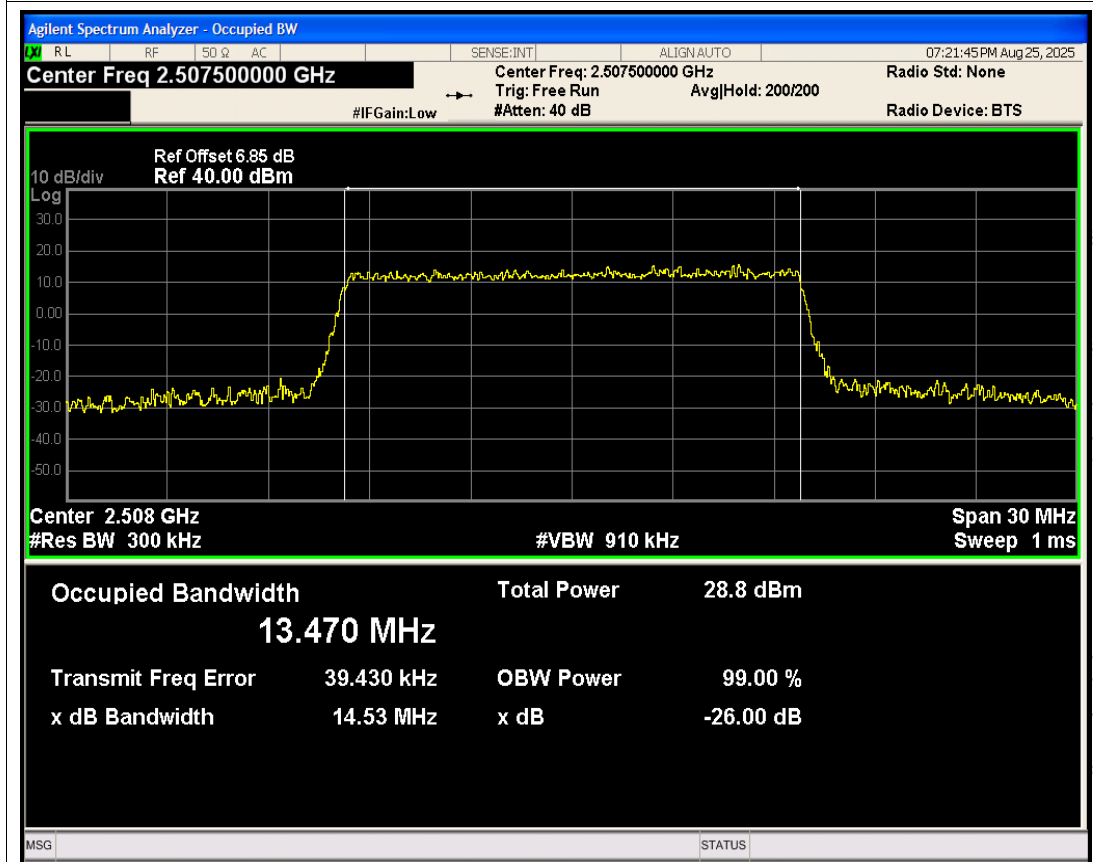
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



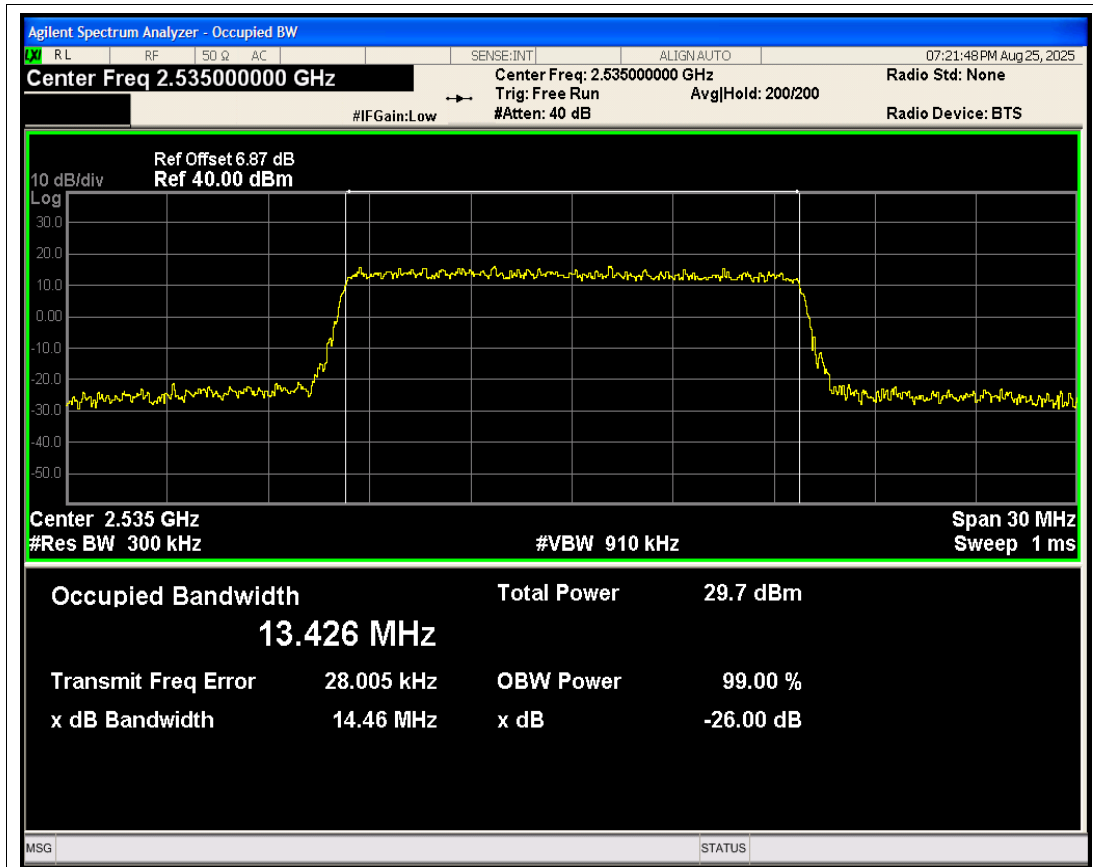
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



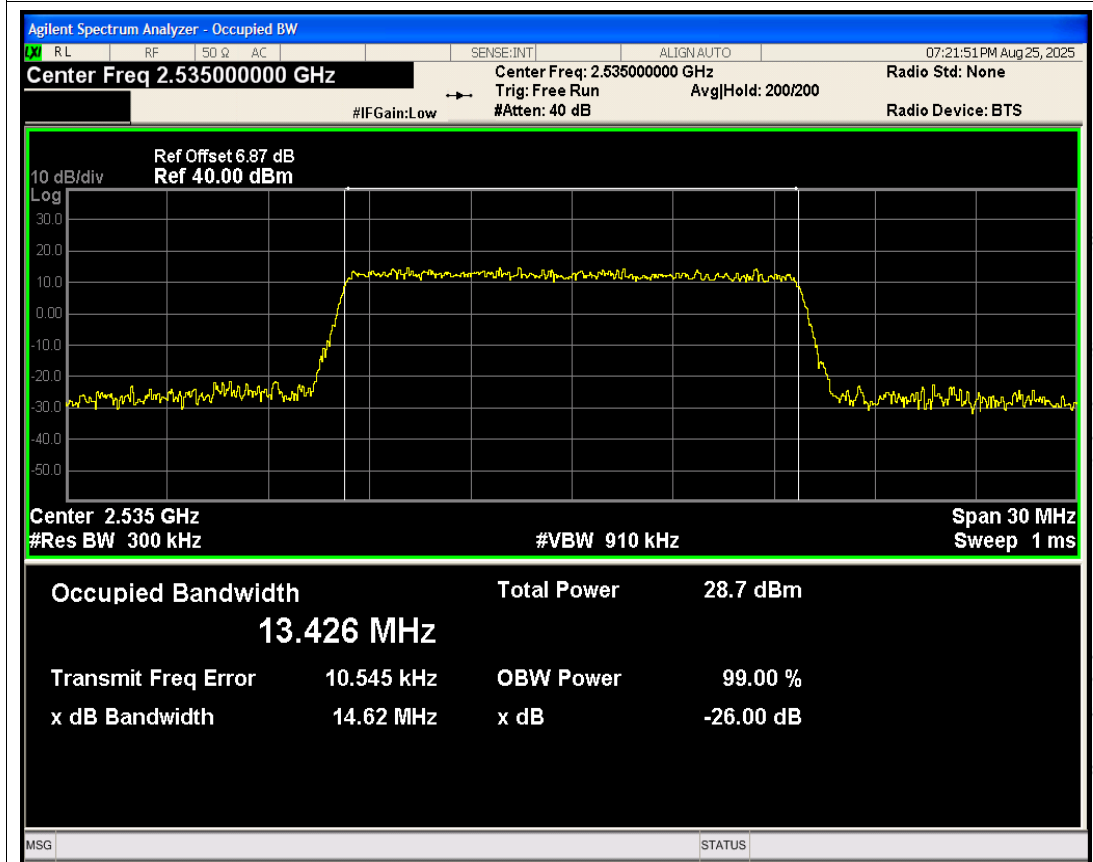
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



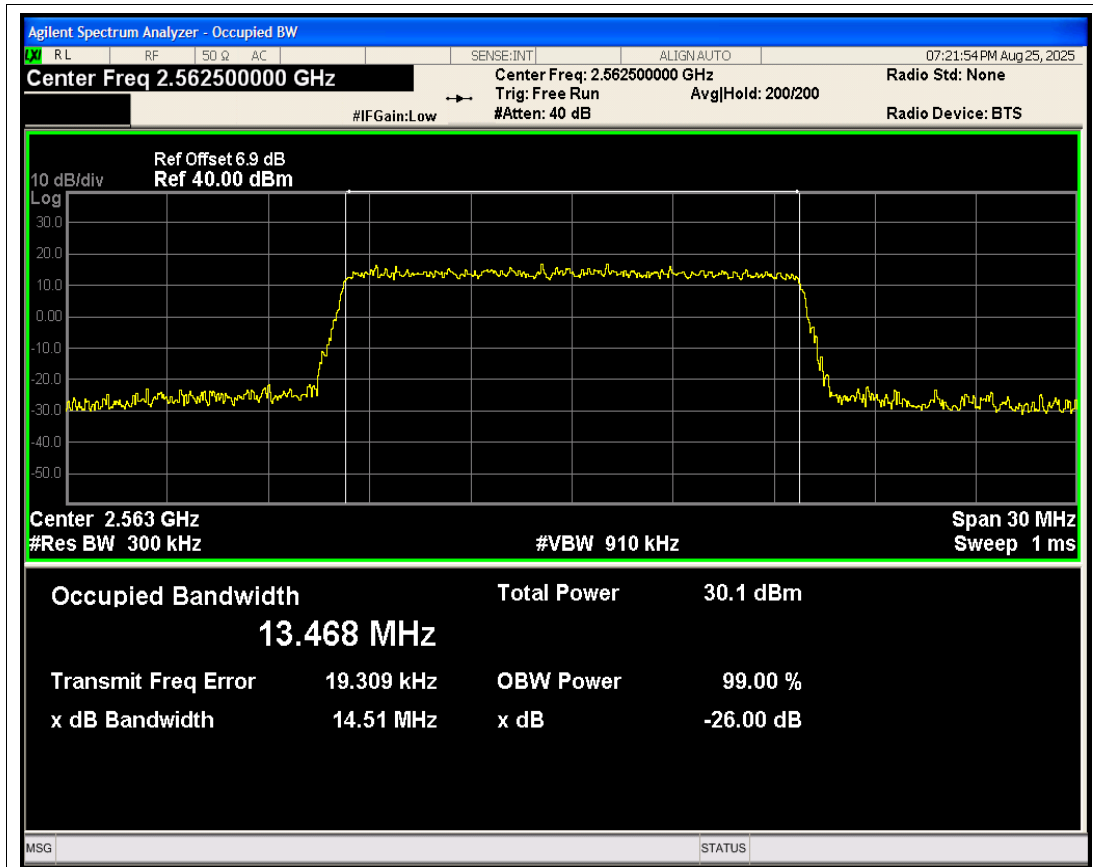
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



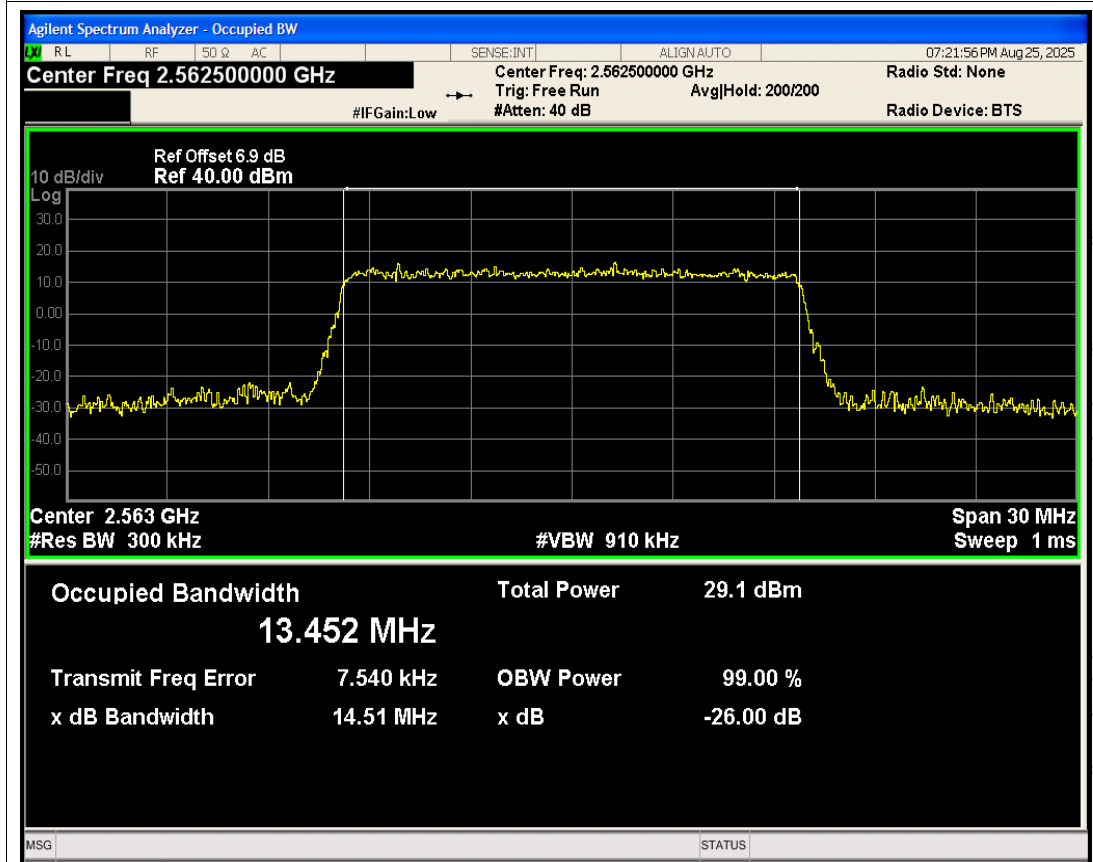
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



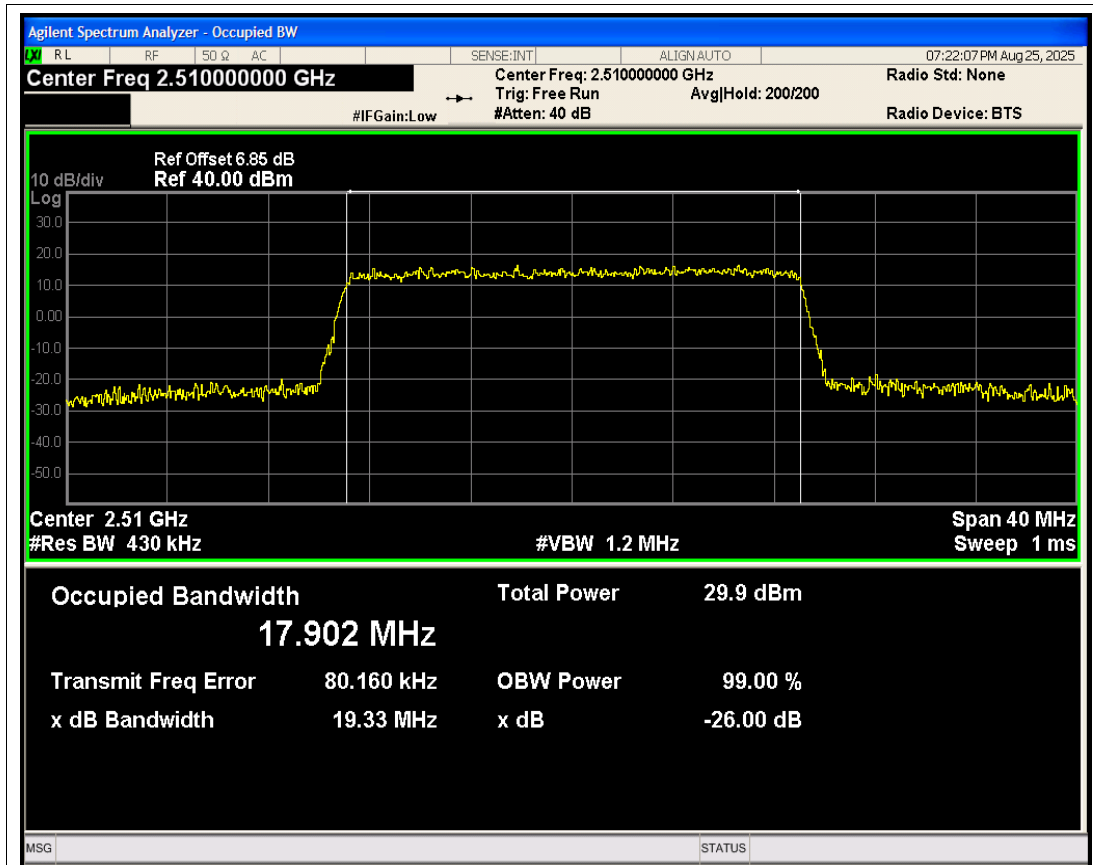
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



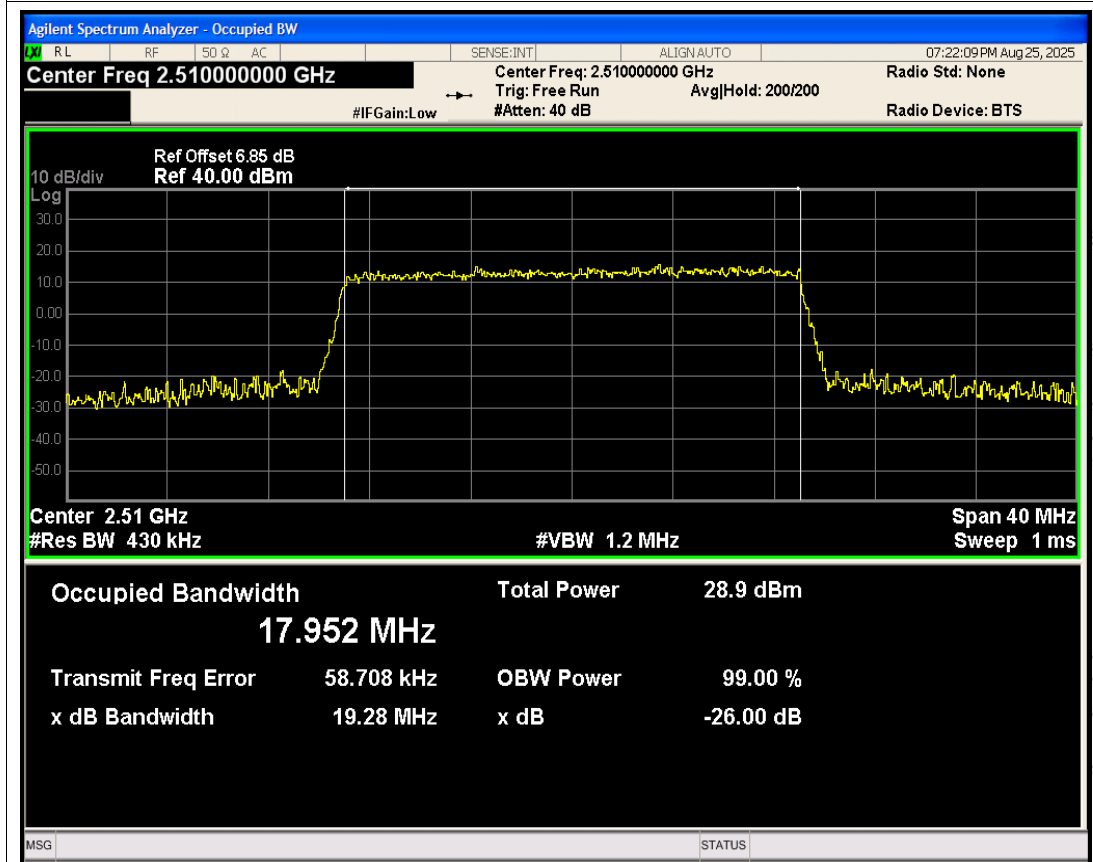
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



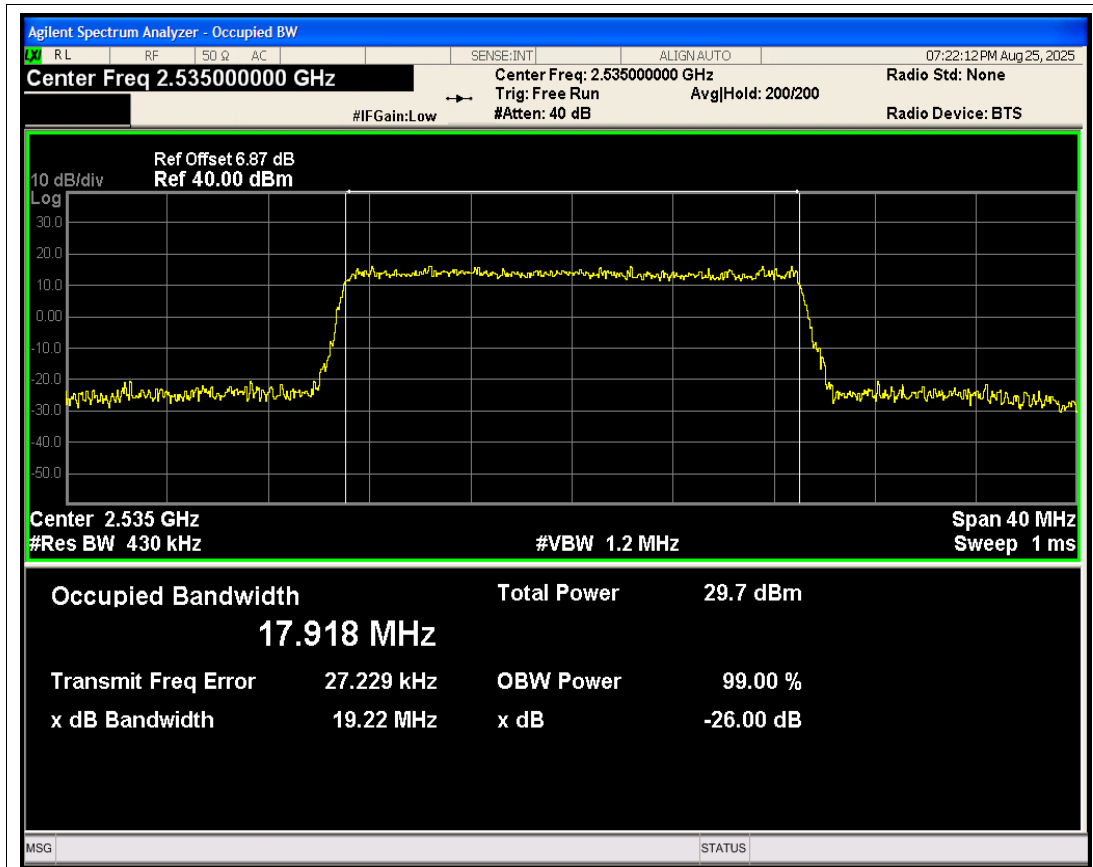
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



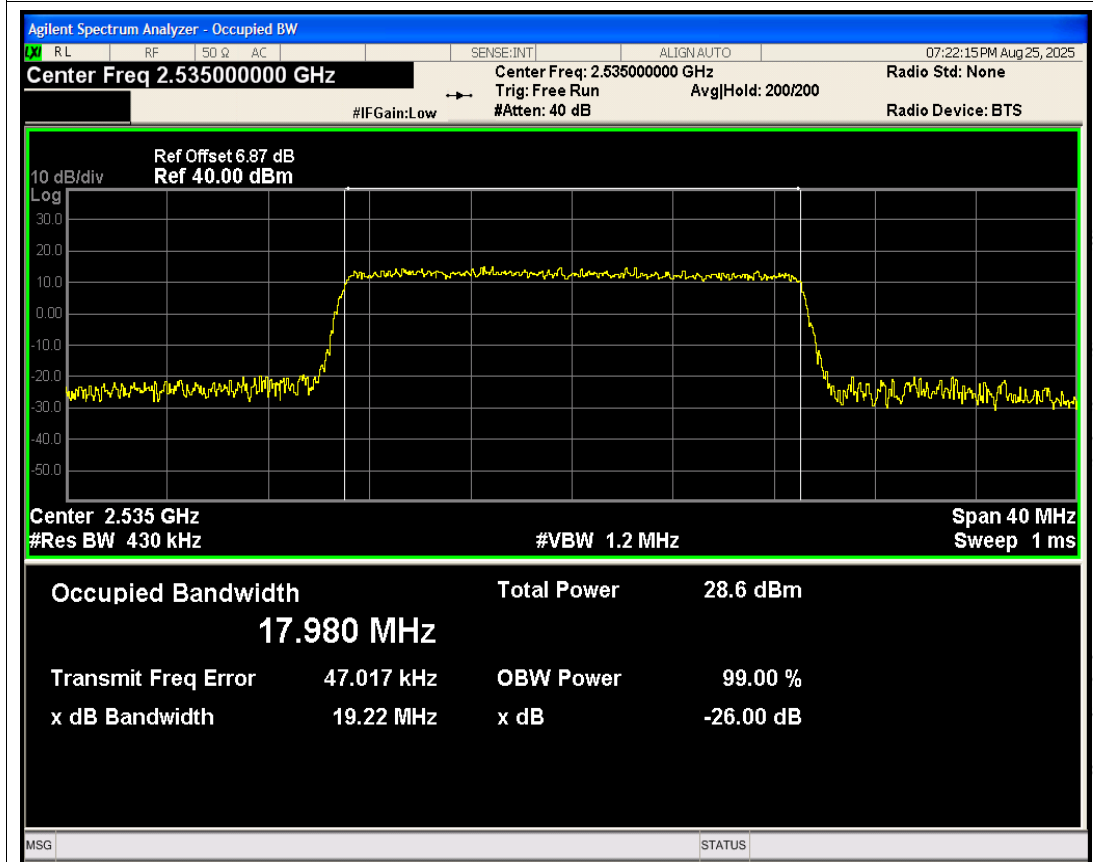
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



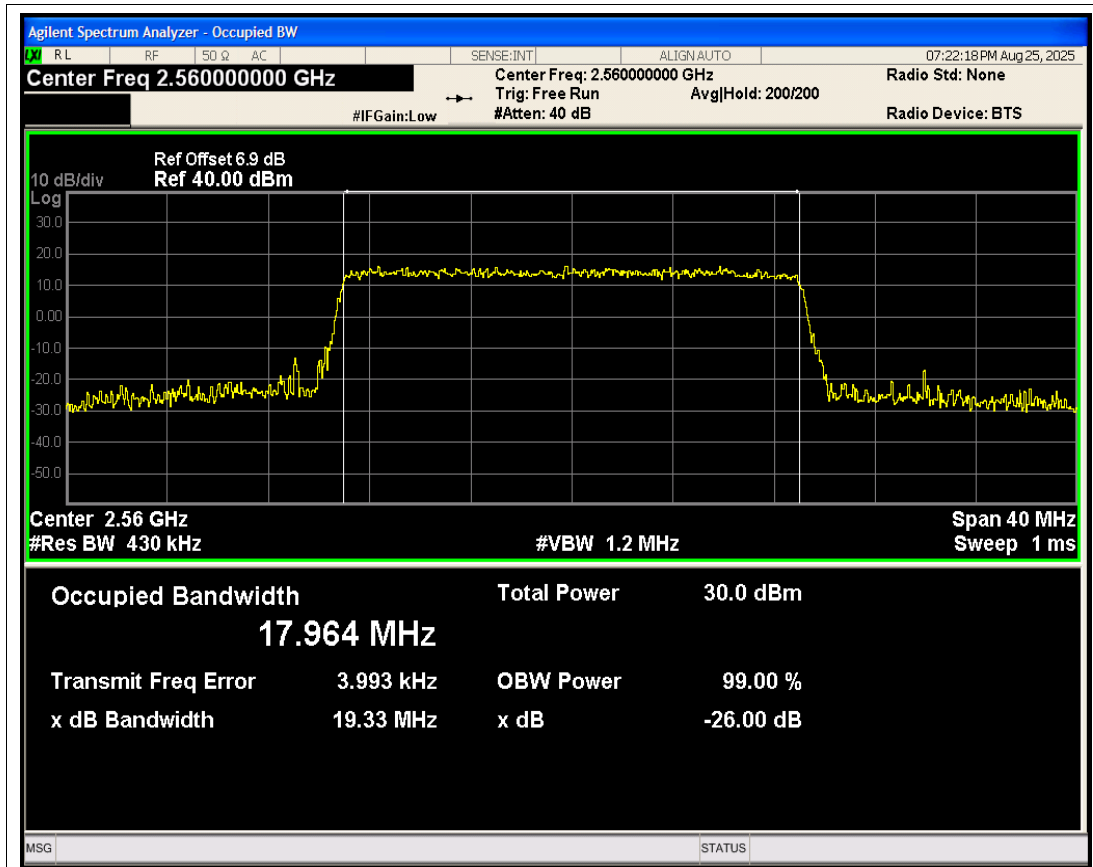
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



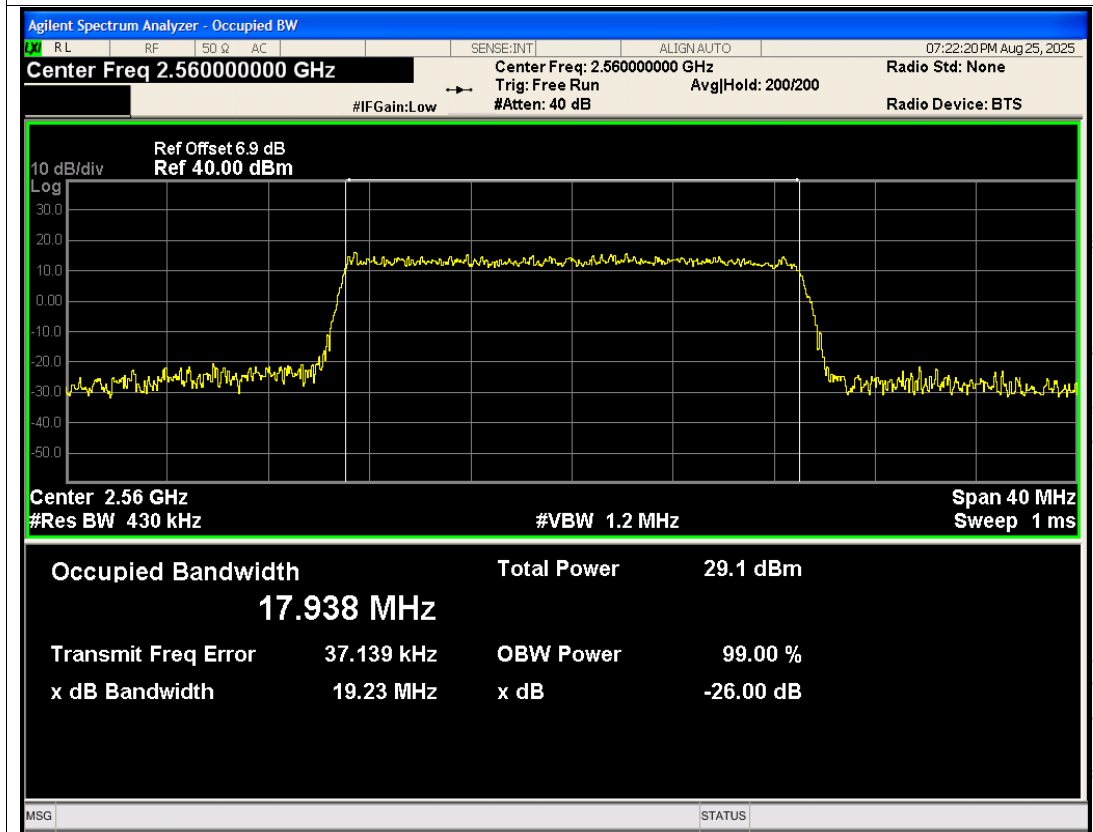
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



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



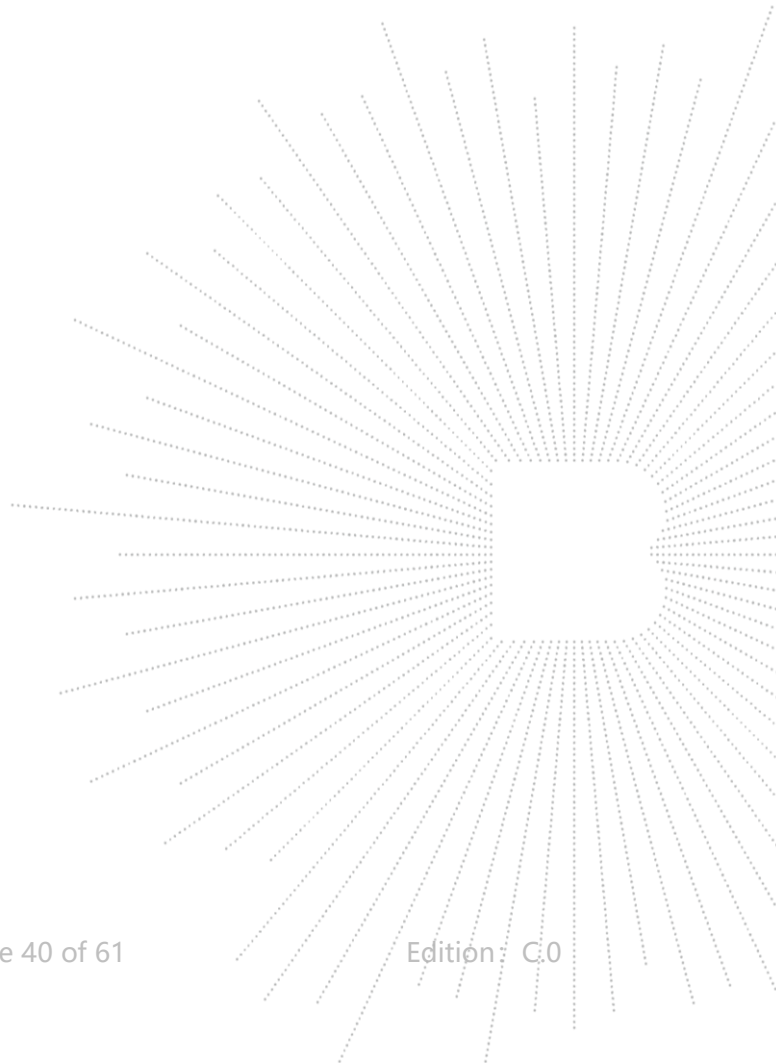
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0

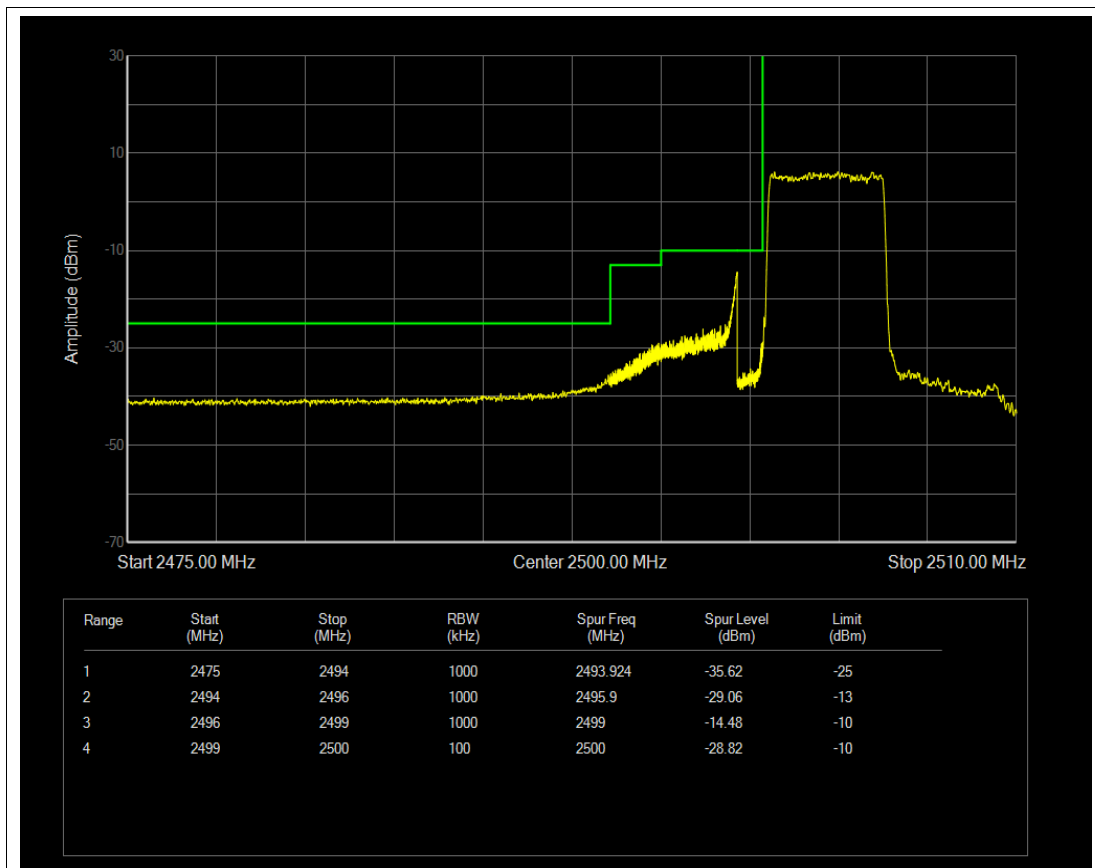


Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0

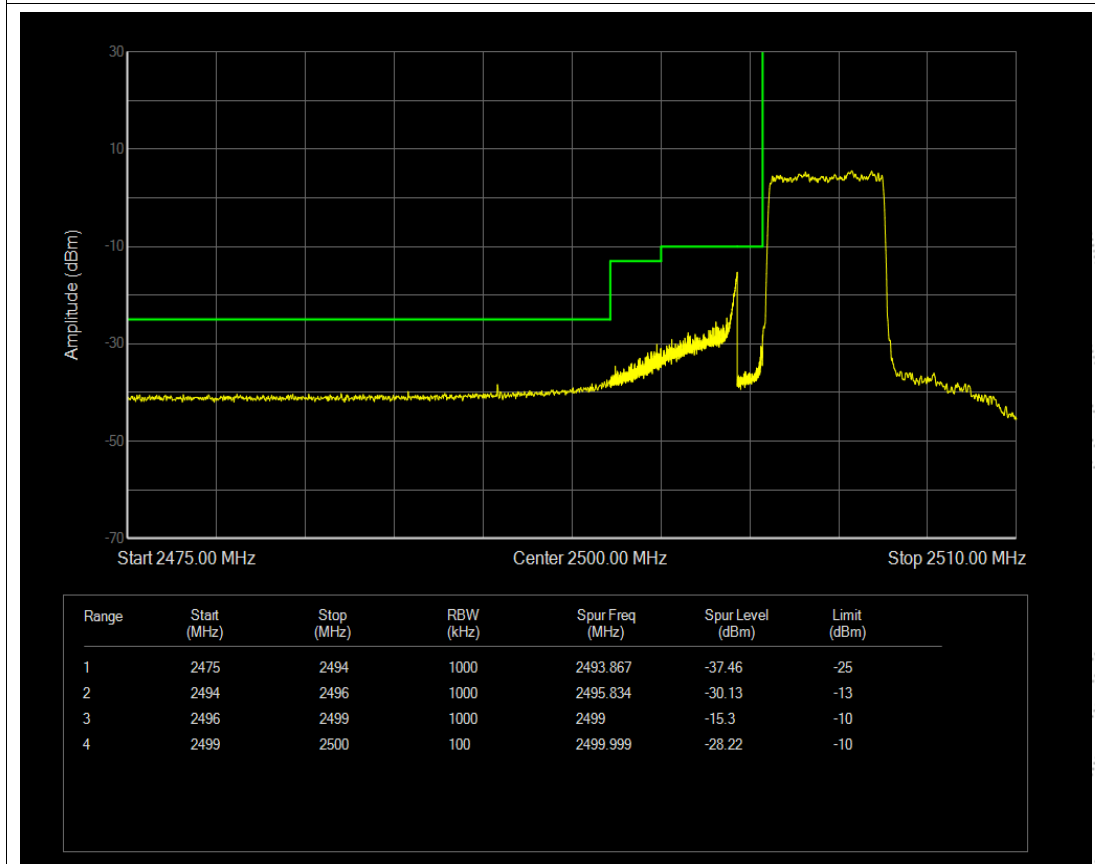
Appendix 5.Band edge

<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>
Band7	5	20775	25	#0	QPSK	2499.00	-14.48	-10	PASS
Band7	5	20775	25	#0	16QAM	2499.00	-15.30	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.00	-13.86	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.02	-15.99	-10	PASS
Band7	10	20800	50	#0	QPSK	2489.91	-35.99	-25	PASS
Band7	10	20800	50	#0	16QAM	2489.72	-36.99	-25	PASS
Band7	10	21400	50	#0	QPSK	2580.44	-35.25	-25	PASS
Band7	10	21400	50	#0	16QAM	2580.23	-37.02	-25	PASS
Band7	15	20825	75	#0	QPSK	2484.95	-37.68	-25	PASS
Band7	15	20825	75	#0	16QAM	2484.66	-38.74	-25	PASS
Band7	15	21375	75	#0	QPSK	2585.14	-36.25	-25	PASS
Band7	15	21375	75	#0	16QAM	2585.06	-37.28	-25	PASS
Band7	20	20850	100	#0	QPSK	2479.79	-39.78	-25	PASS
Band7	20	20850	100	#0	16QAM	2479.88	-39.63	-25	PASS
Band7	20	21350	100	#0	QPSK	2590.55	-37.98	-25	PASS
Band7	20	21350	100	#0	16QAM	2590.16	-38.52	-25	PASS

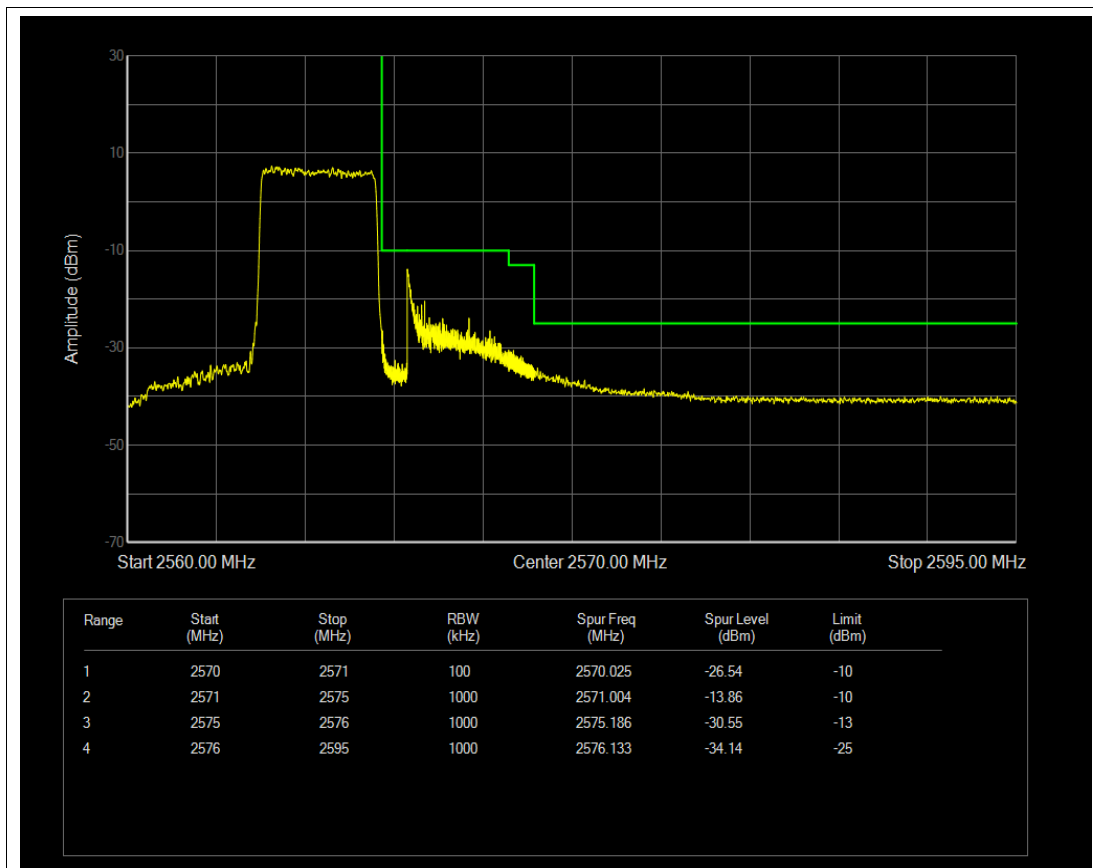




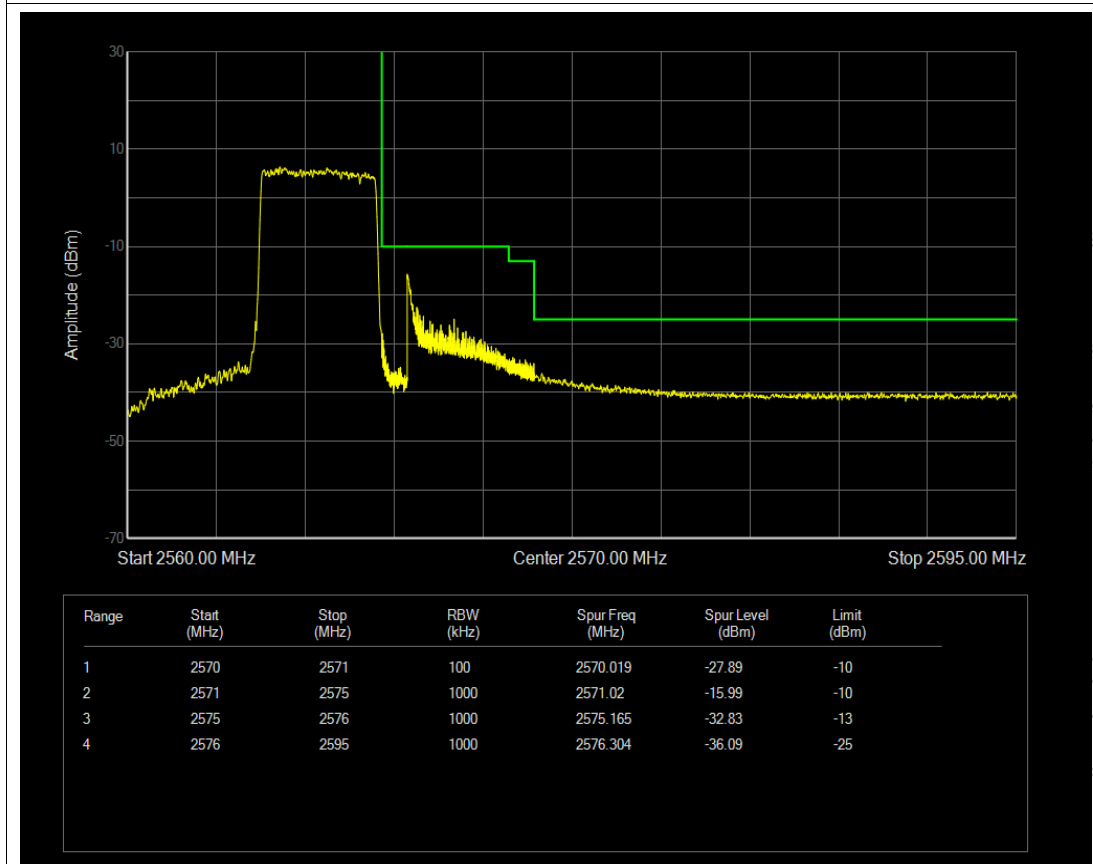
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



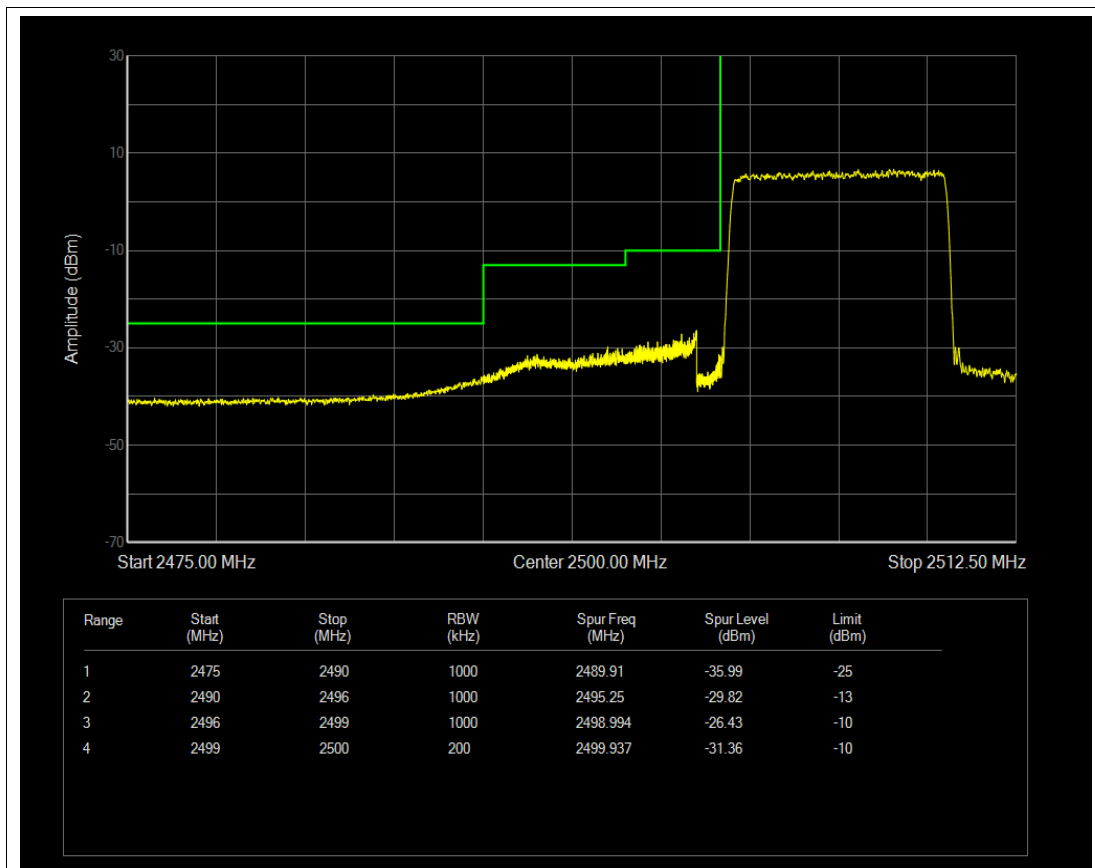
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



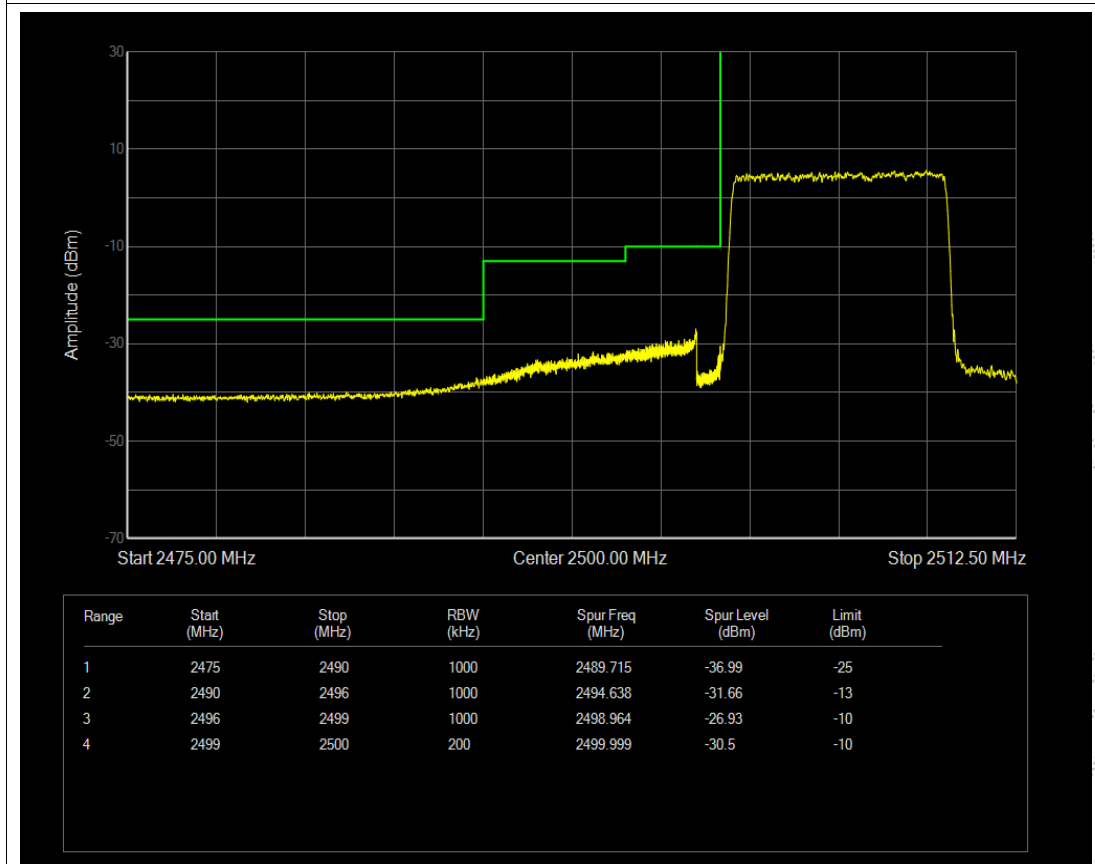
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



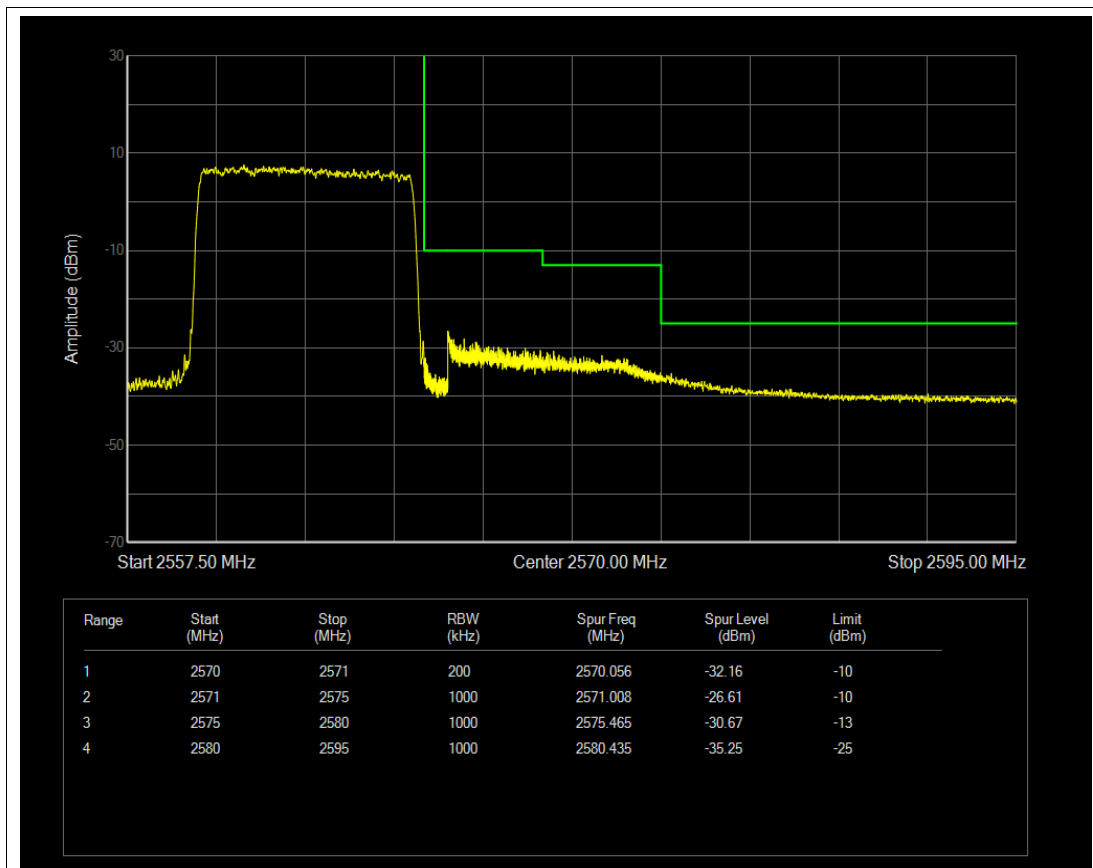
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



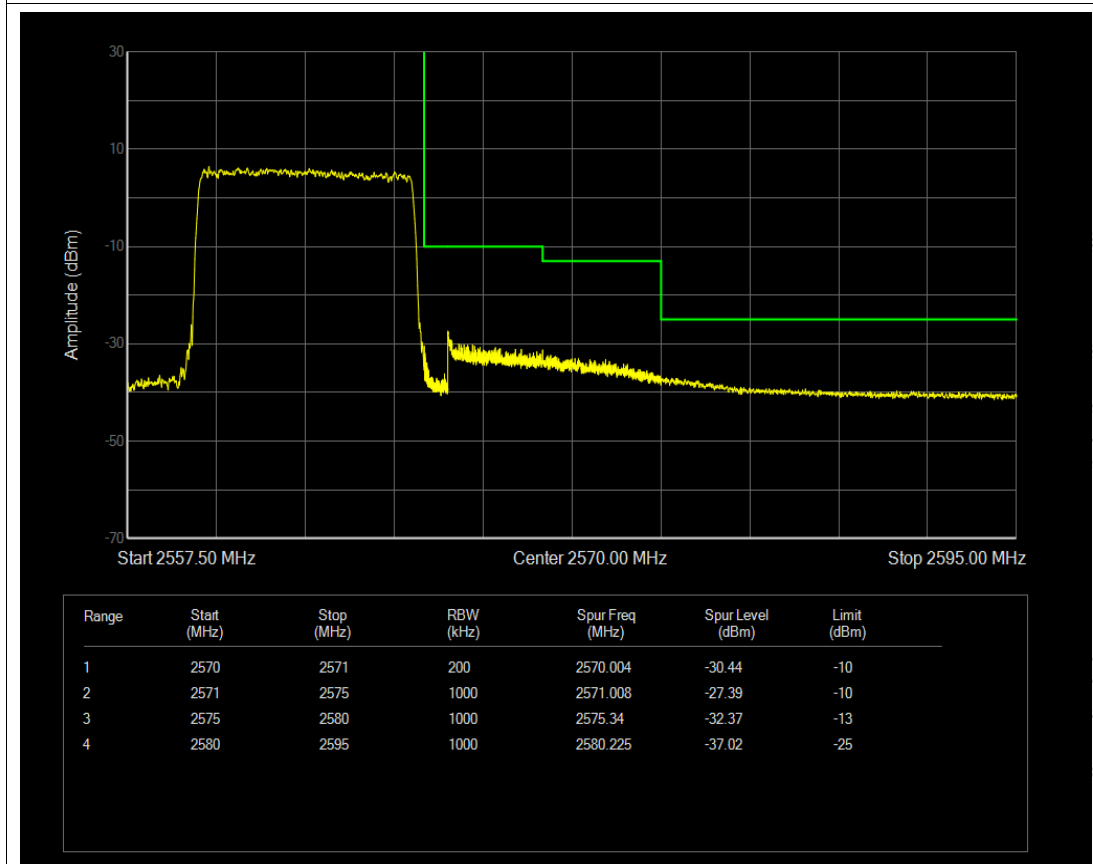
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



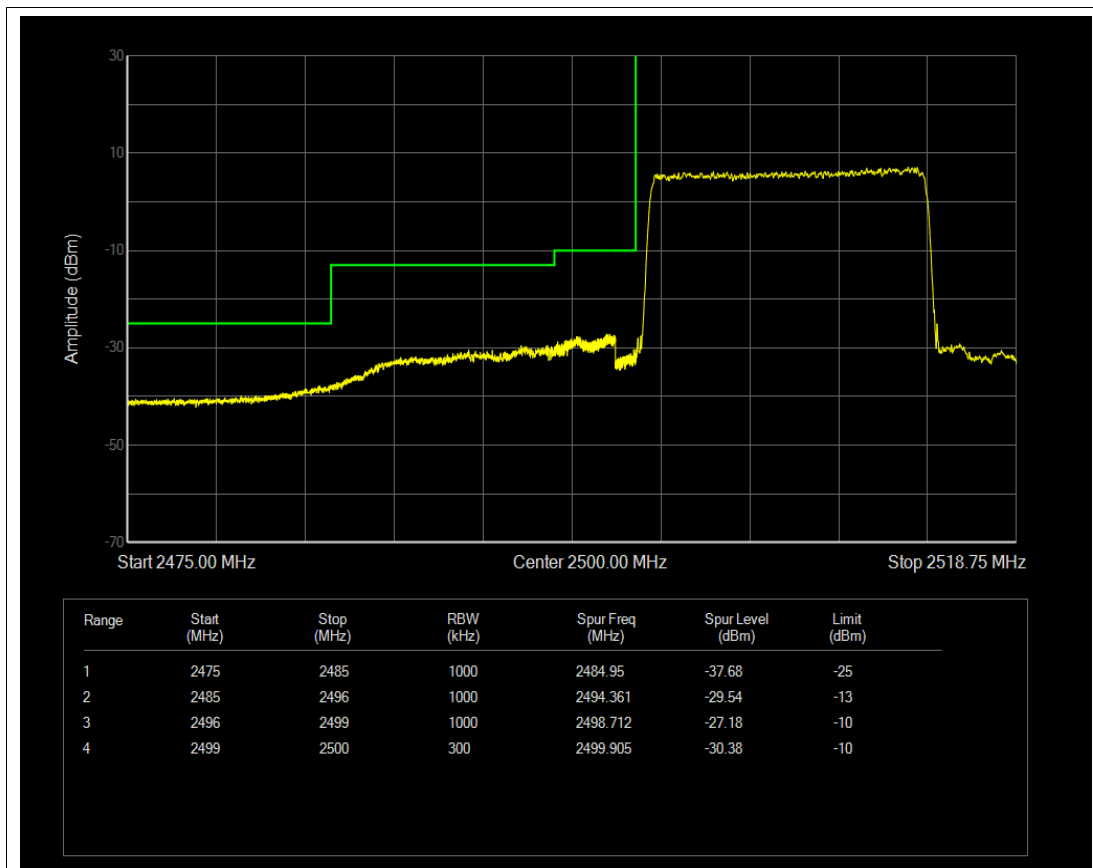
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



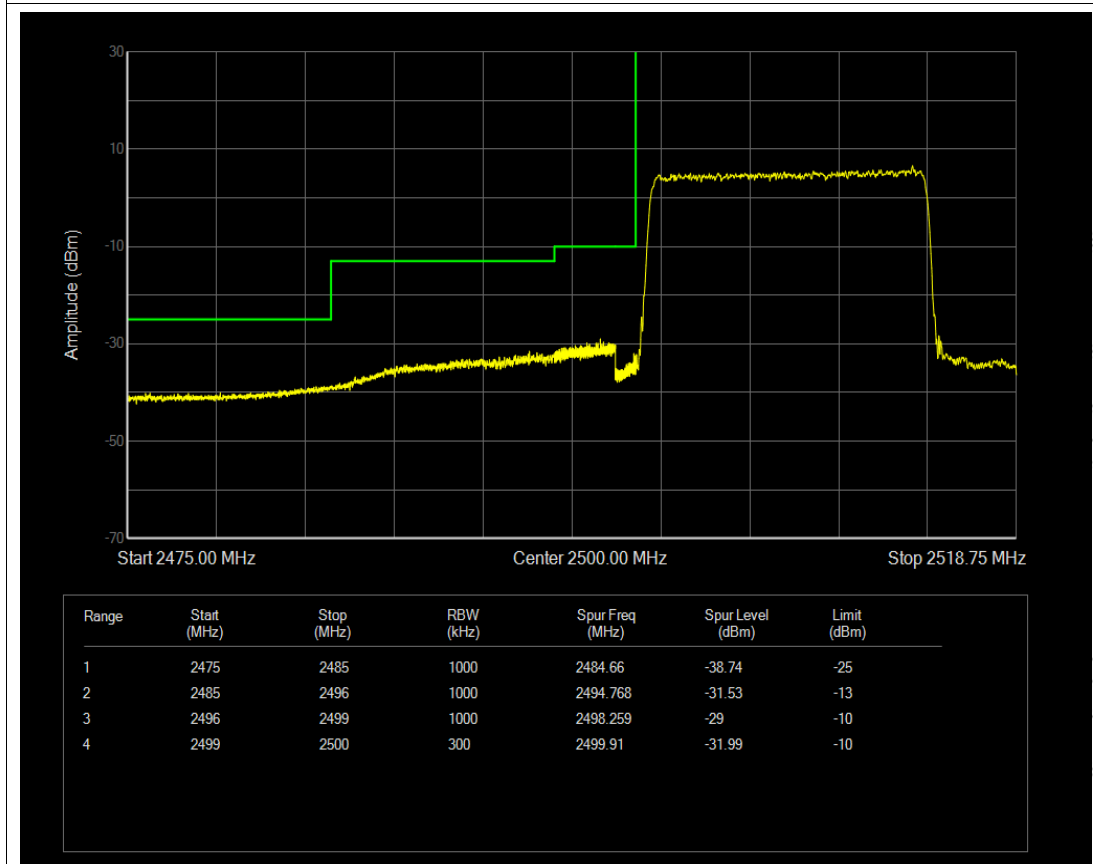
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



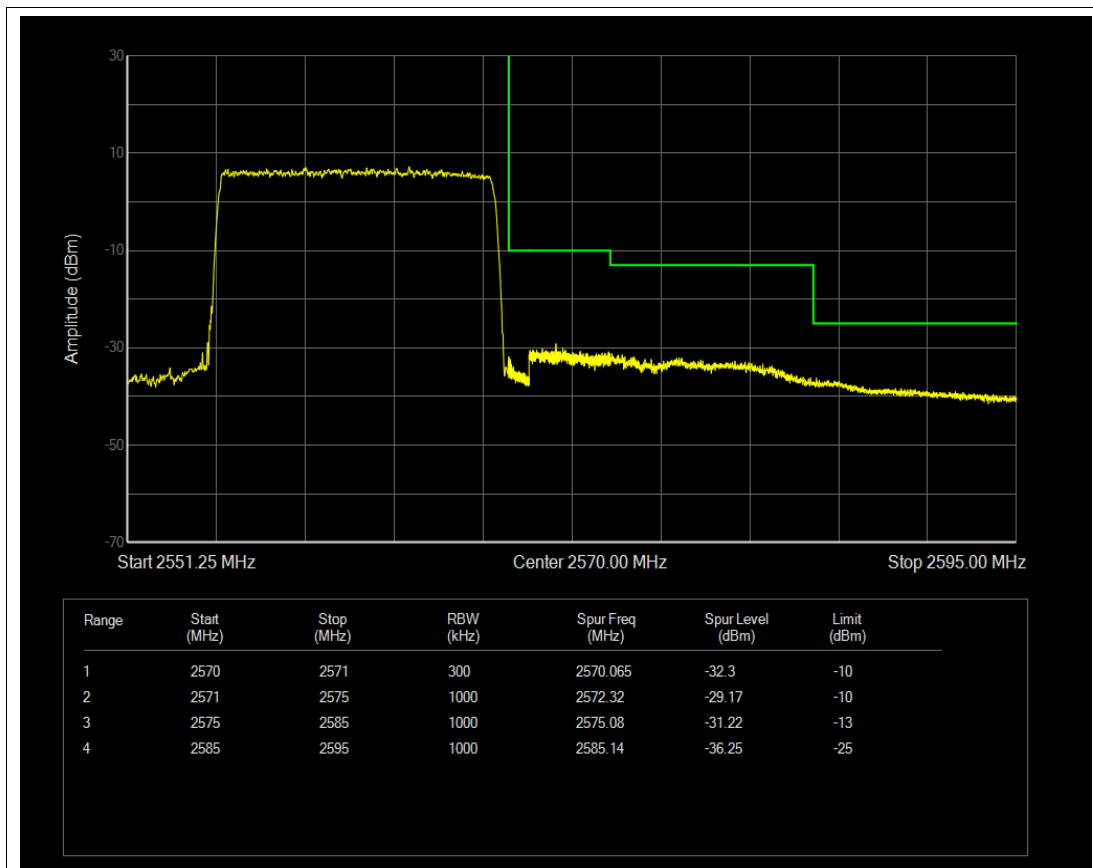
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



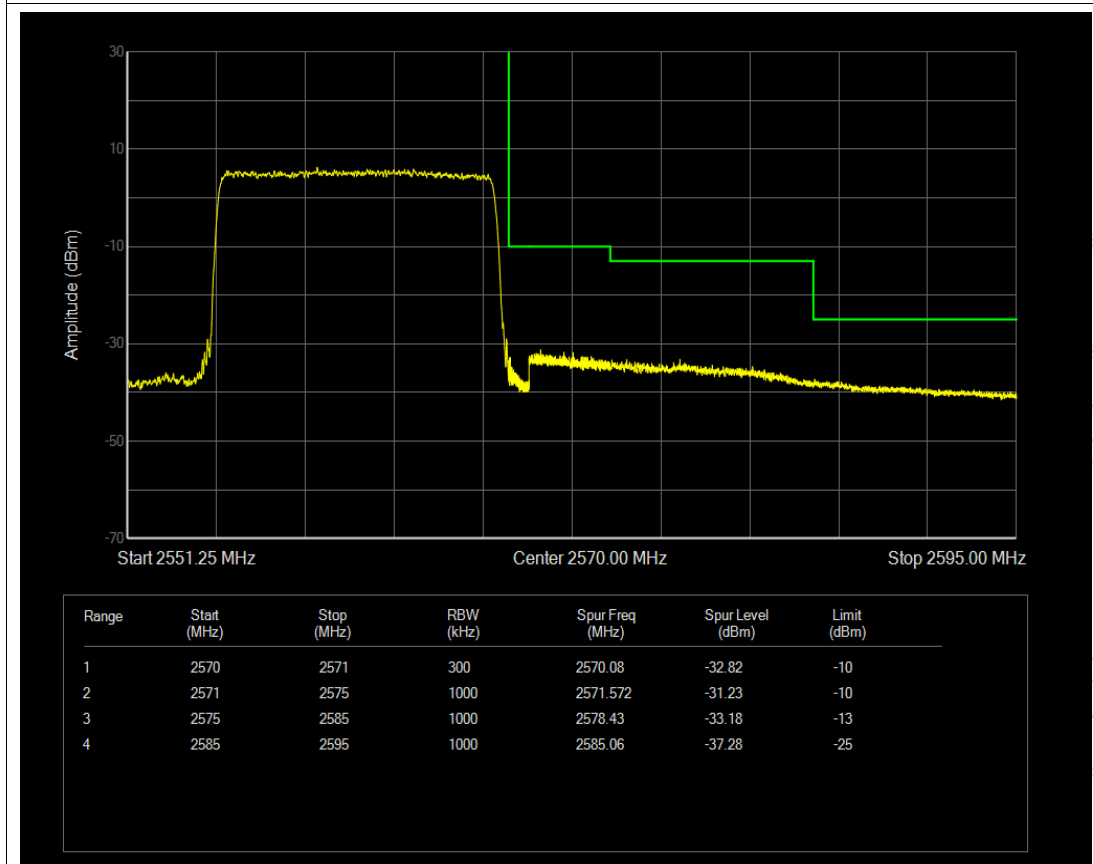
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



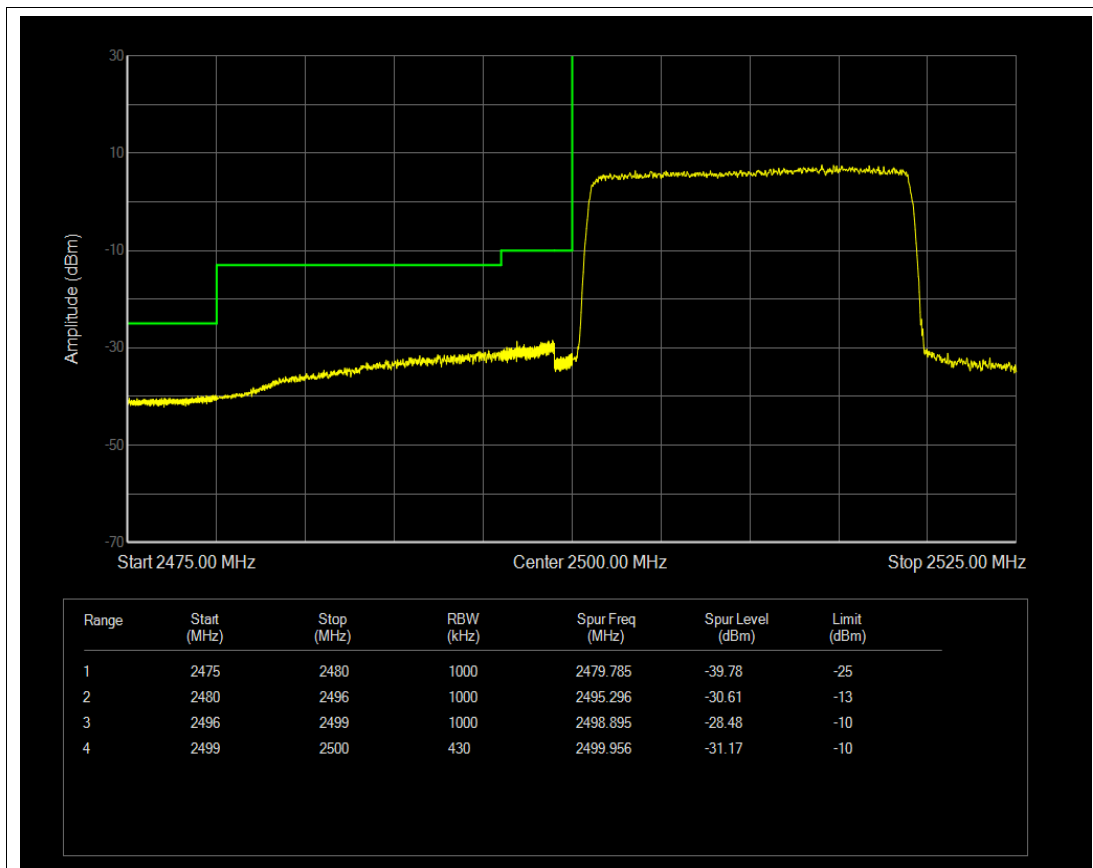
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



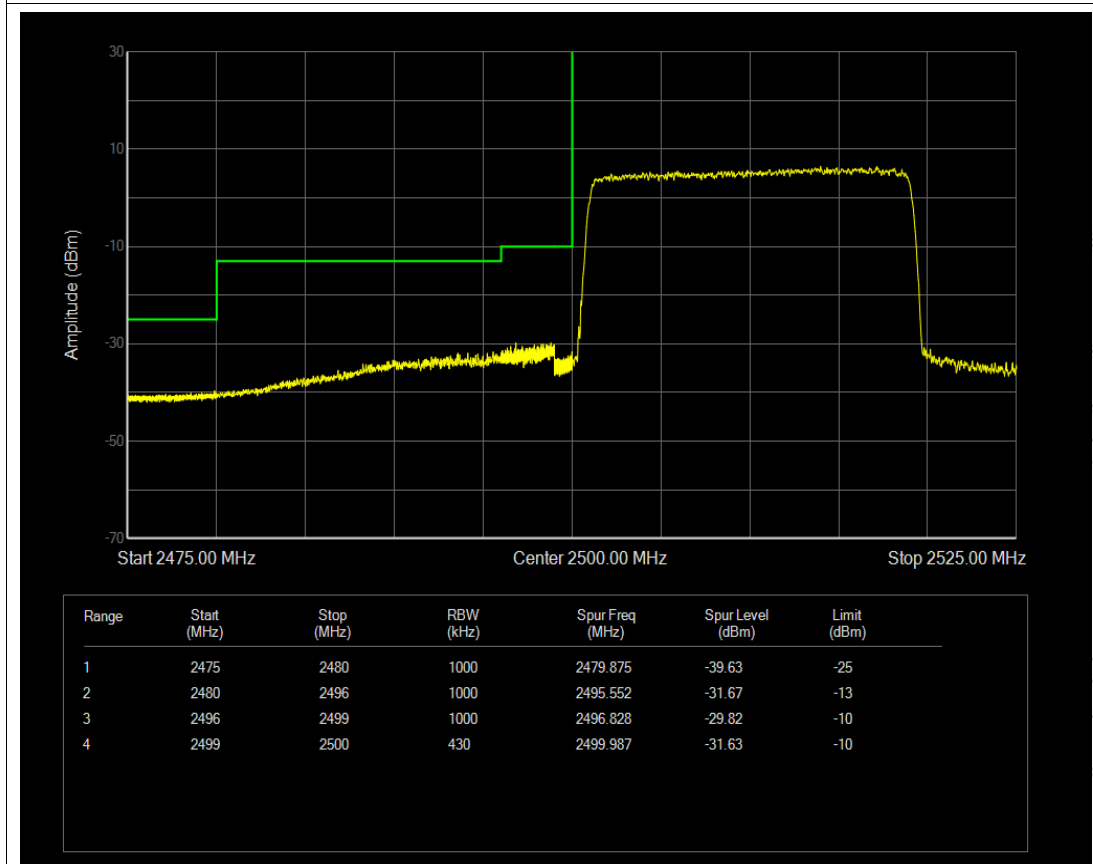
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



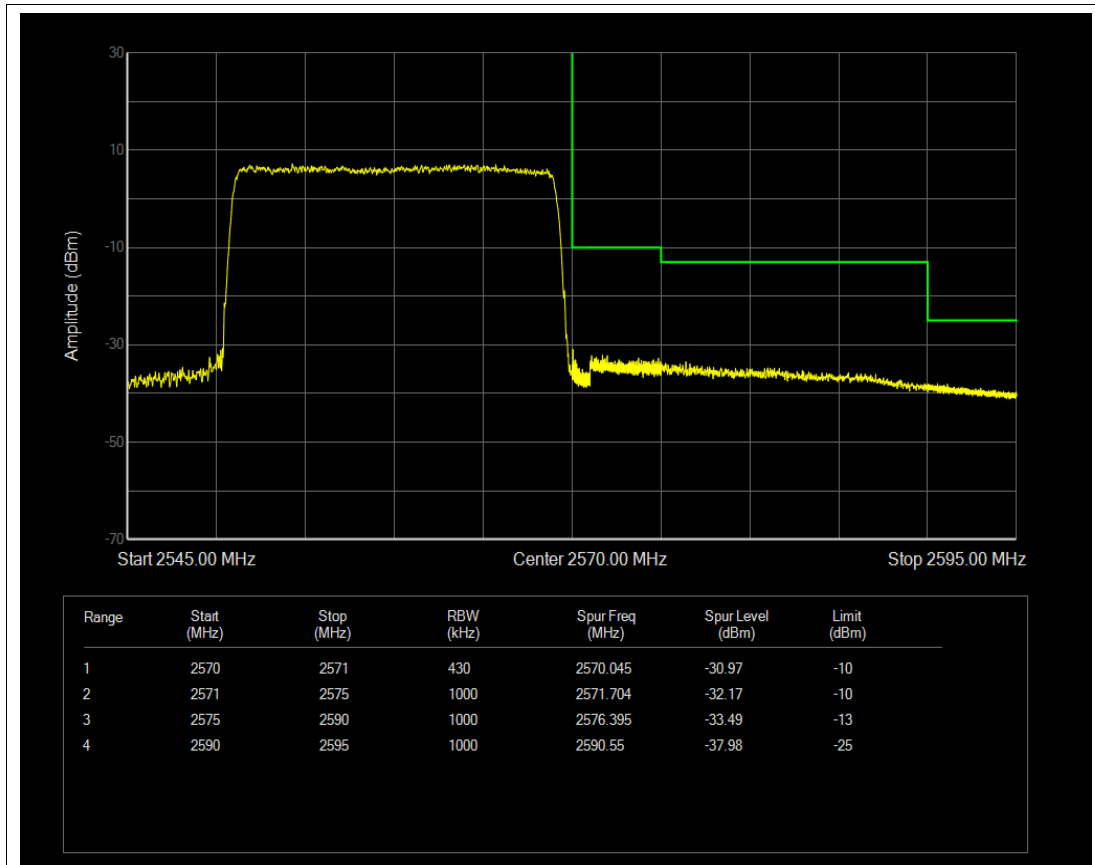
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



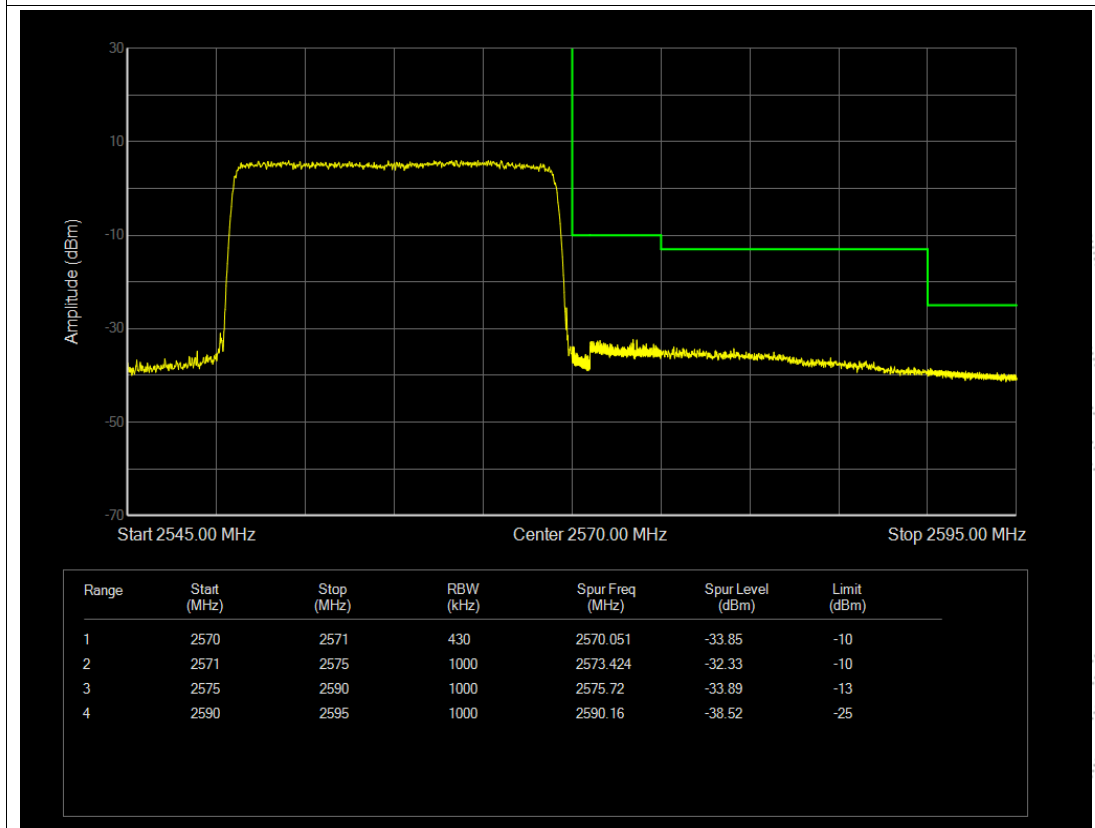
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



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



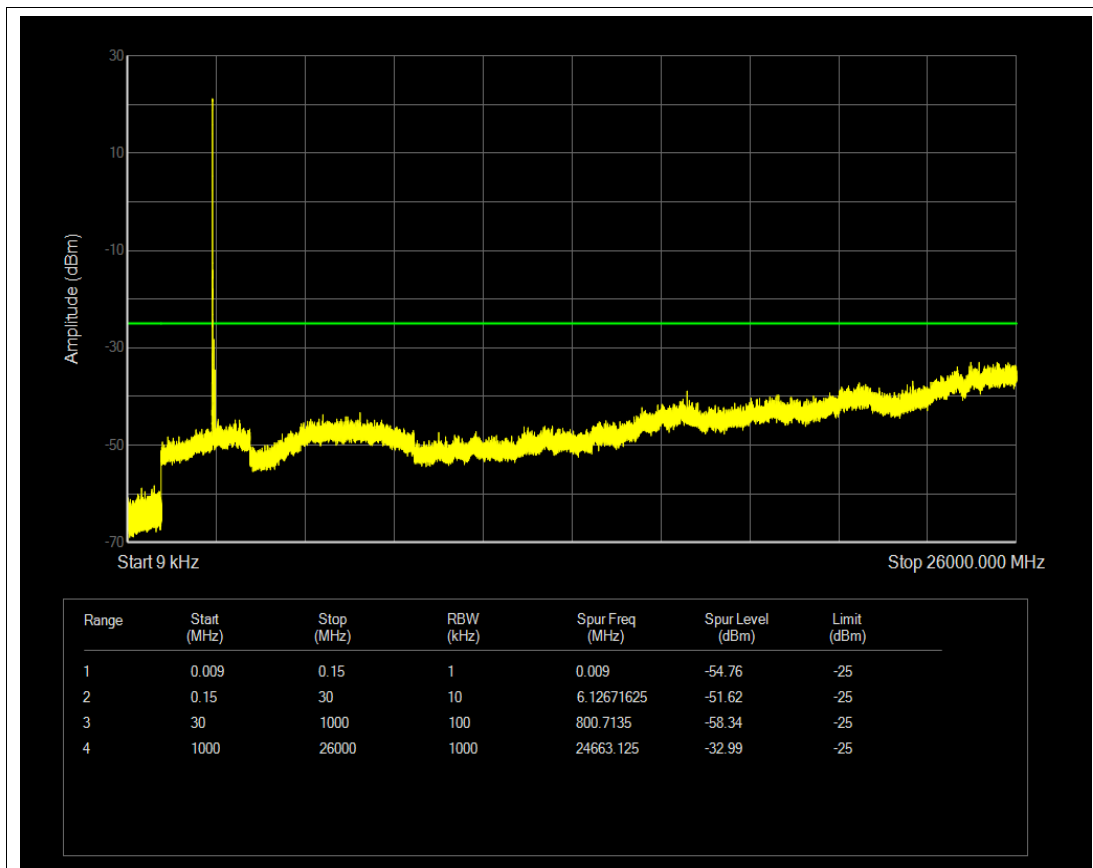
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



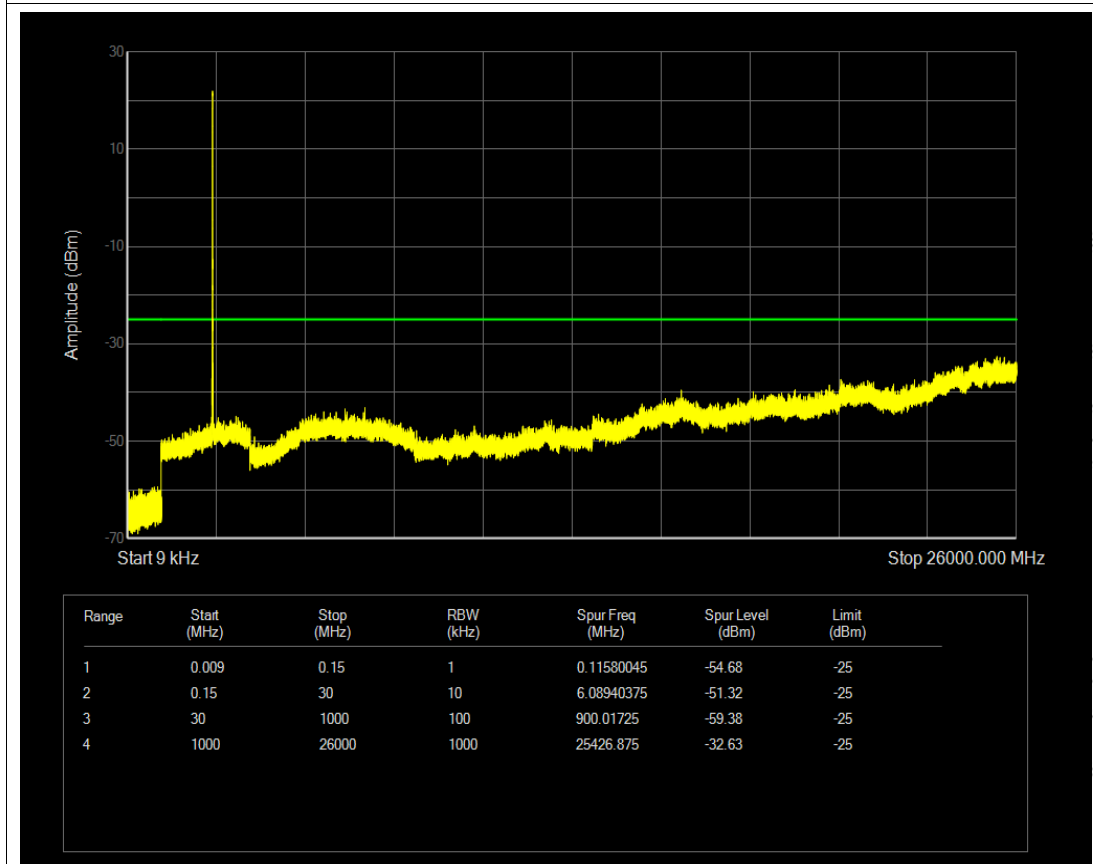
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0

Appendix 6.Out-of-band emissions

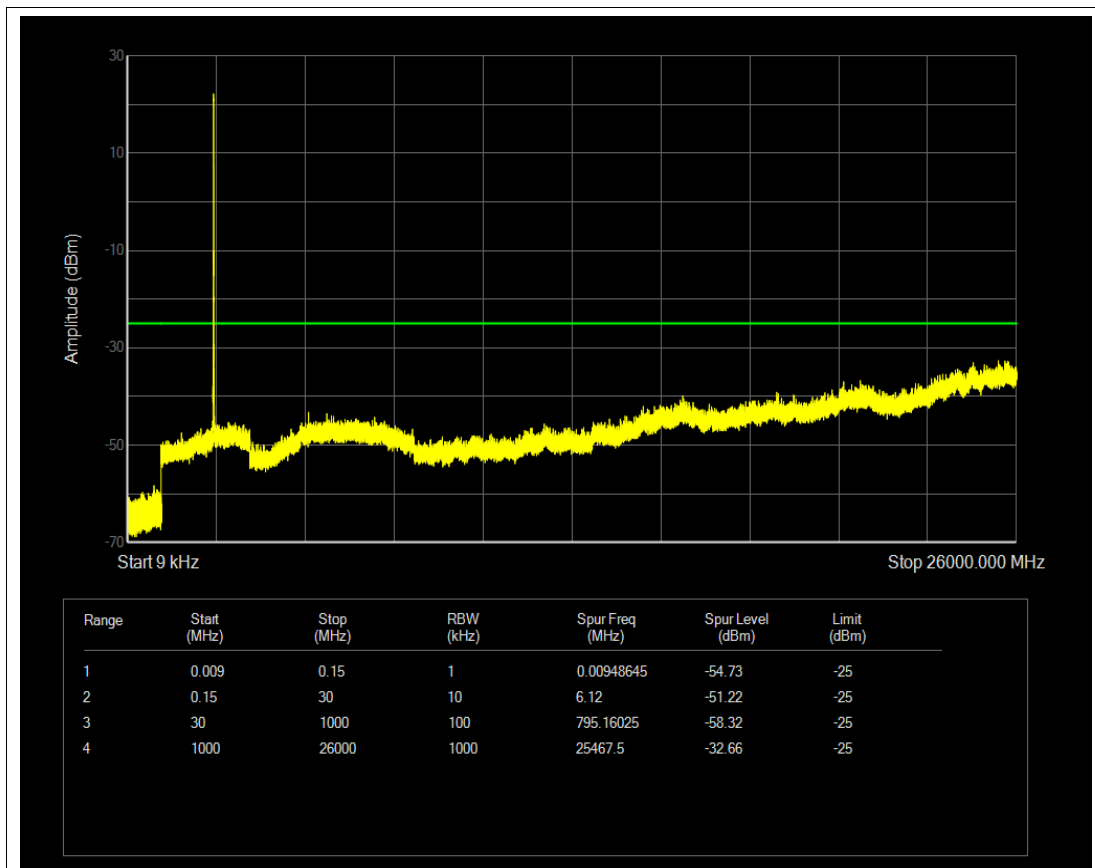
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	24663.13	-32.99	-25	PASS
Band7	5	20775	25	#0	16QAM	25426.88	-32.63	-25	PASS
Band7	5	21100	25	#0	QPSK	25467.50	-32.66	-25	PASS
Band7	5	21100	25	#0	16QAM	25478.13	-32.67	-25	PASS
Band7	5	21425	25	#0	QPSK	25114.38	-32.69	-25	PASS
Band7	5	21425	25	#0	16QAM	25879.38	-32.61	-25	PASS
Band7	10	20800	50	#0	QPSK	25135.00	-32.20	-25	PASS
Band7	10	20800	50	#0	16QAM	25836.25	-32.11	-25	PASS
Band7	10	21100	50	#0	QPSK	25848.13	-32.90	-25	PASS
Band7	10	21100	50	#0	16QAM	25820.00	-32.53	-25	PASS
Band7	10	21400	50	#0	QPSK	25425.63	-32.05	-25	PASS
Band7	10	21400	50	#0	16QAM	25414.38	-32.32	-25	PASS
Band7	15	20825	75	#0	QPSK	25161.88	-32.19	-25	PASS
Band7	15	20825	75	#0	16QAM	25712.50	-32.22	-25	PASS
Band7	15	21100	75	#0	QPSK	25472.50	-32.28	-25	PASS
Band7	15	21100	75	#0	16QAM	25979.38	-32.14	-25	PASS
Band7	15	21375	75	#0	QPSK	25323.75	-32.57	-25	PASS
Band7	15	21375	75	#0	16QAM	25998.75	-32.47	-25	PASS
Band7	20	20850	100	#0	QPSK	25616.88	-32.85	-25	PASS
Band7	20	20850	100	#0	16QAM	24786.88	-32.10	-25	PASS
Band7	20	21100	100	#0	QPSK	24940.63	-32.42	-25	PASS
Band7	20	21100	100	#0	16QAM	25861.25	-32.22	-25	PASS
Band7	20	21350	100	#0	QPSK	25938.75	-32.56	-25	PASS
Band7	20	21350	100	#0	16QAM	25311.88	-32.66	-25	PASS



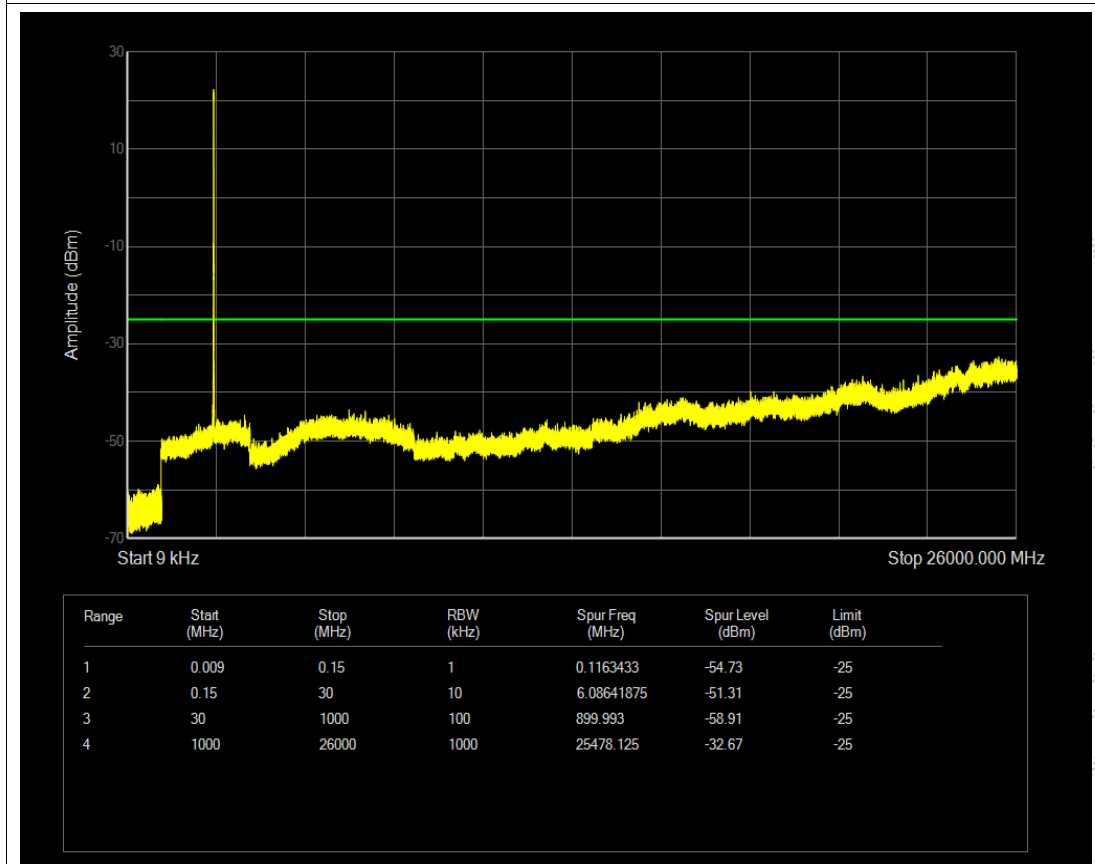
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



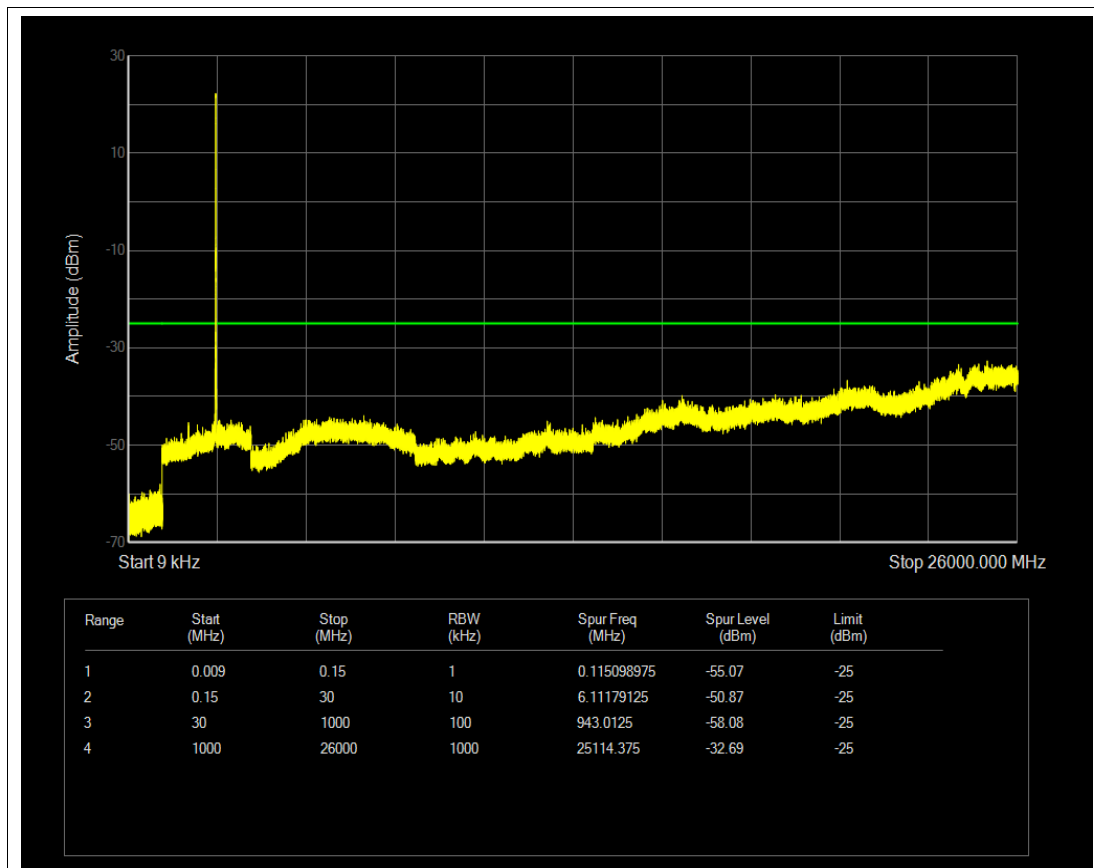
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



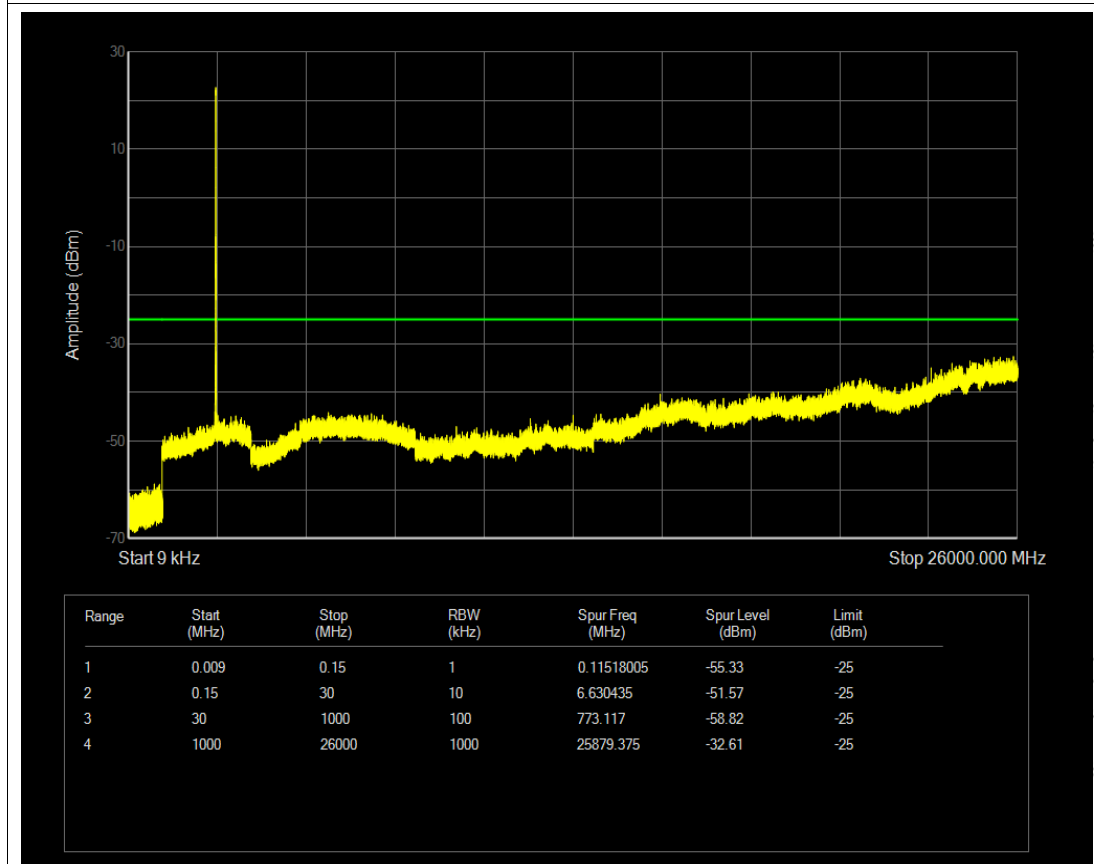
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



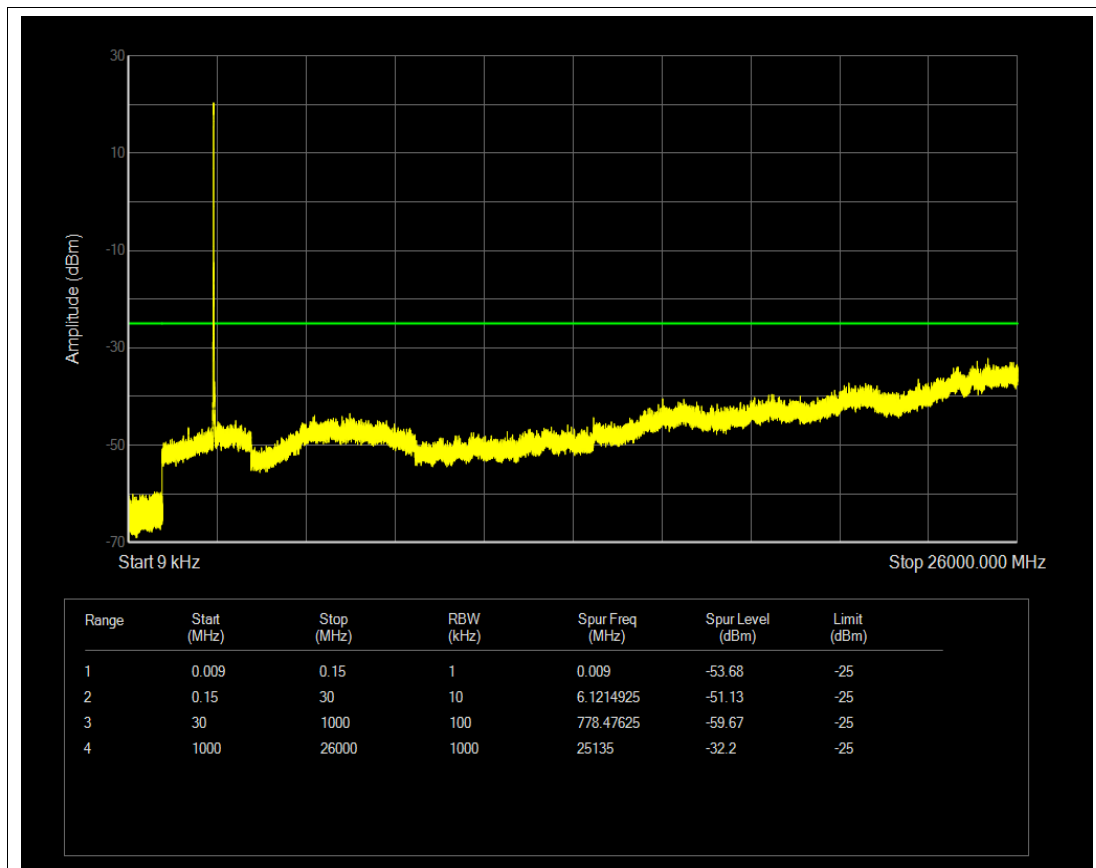
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



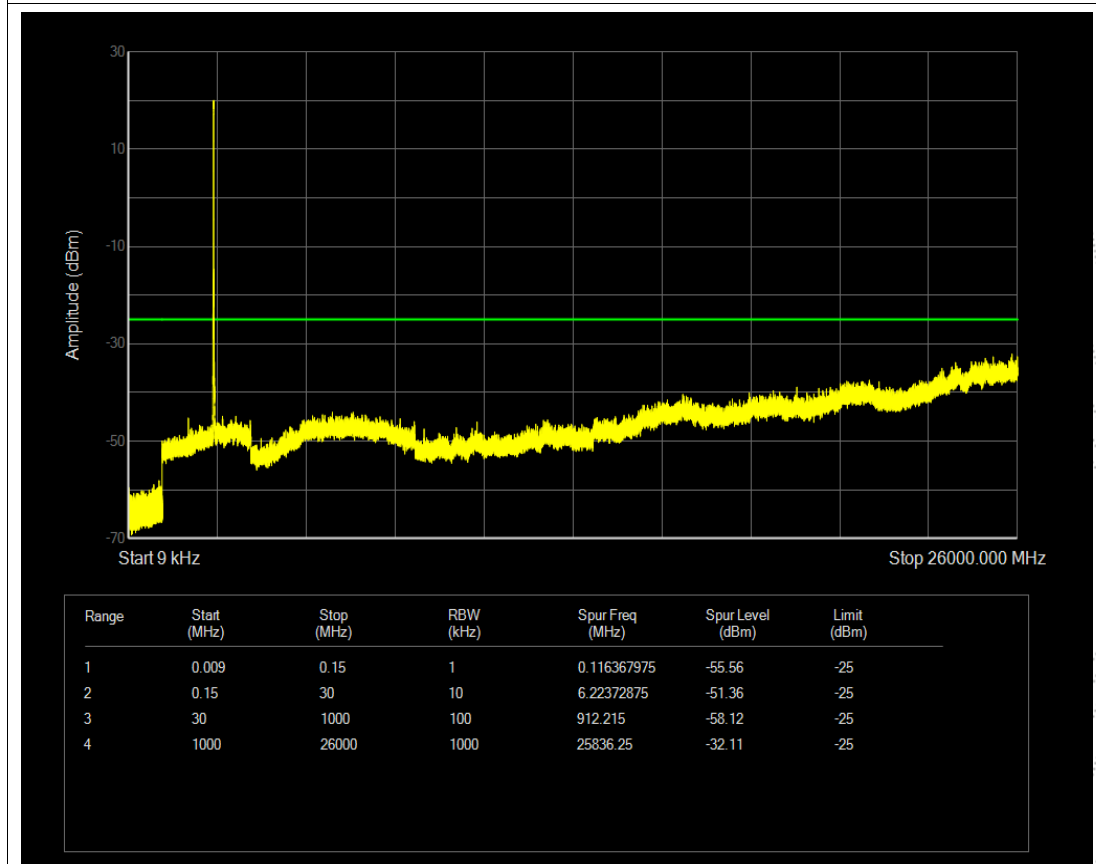
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



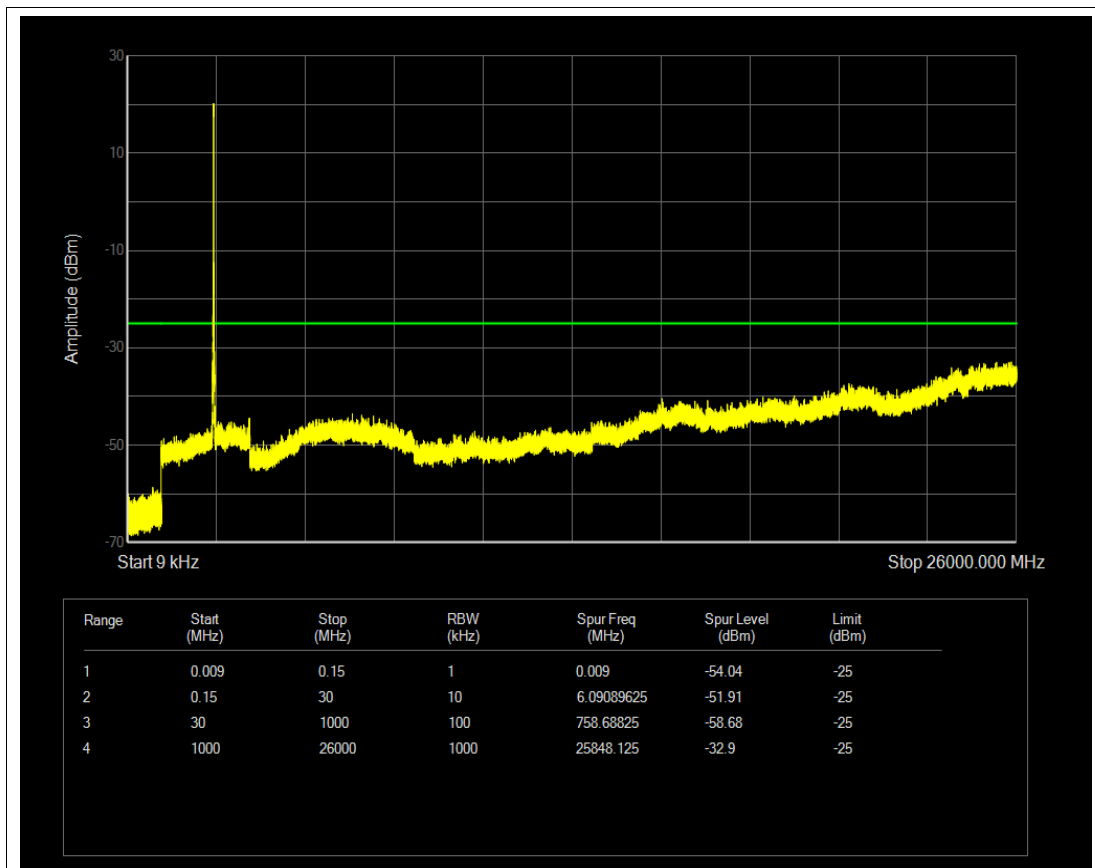
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



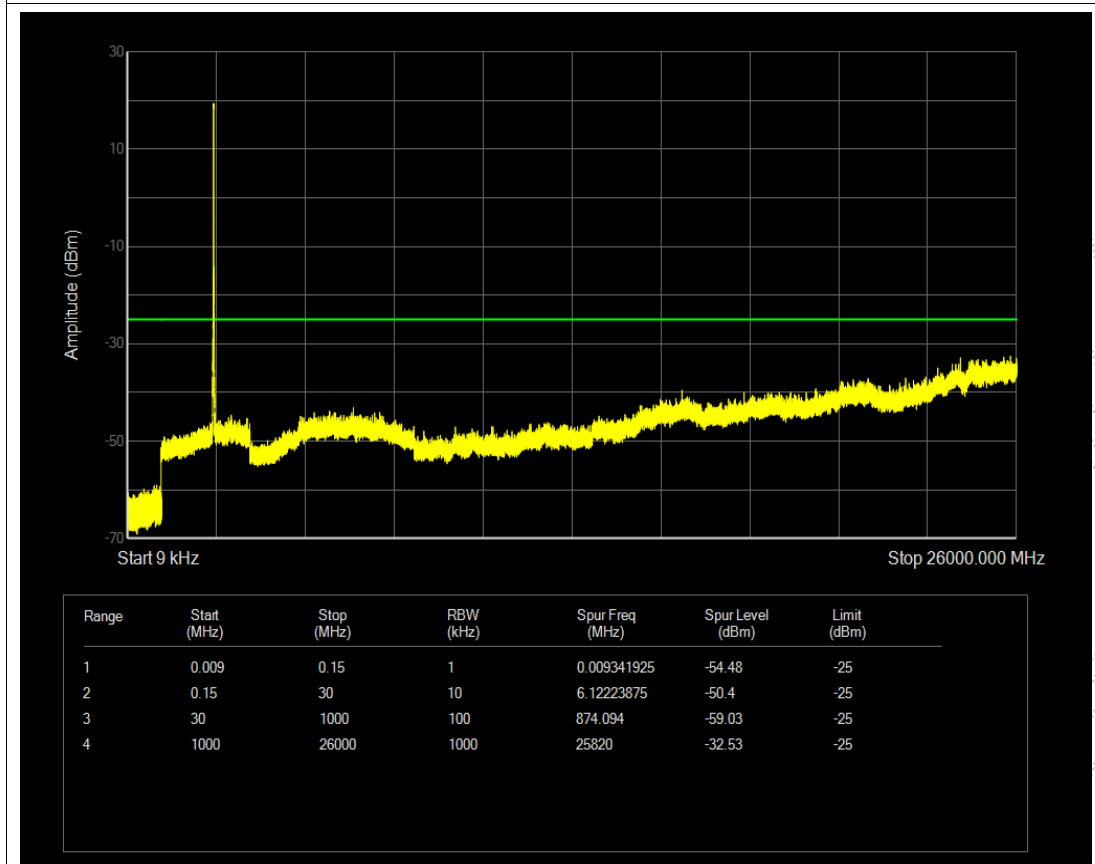
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



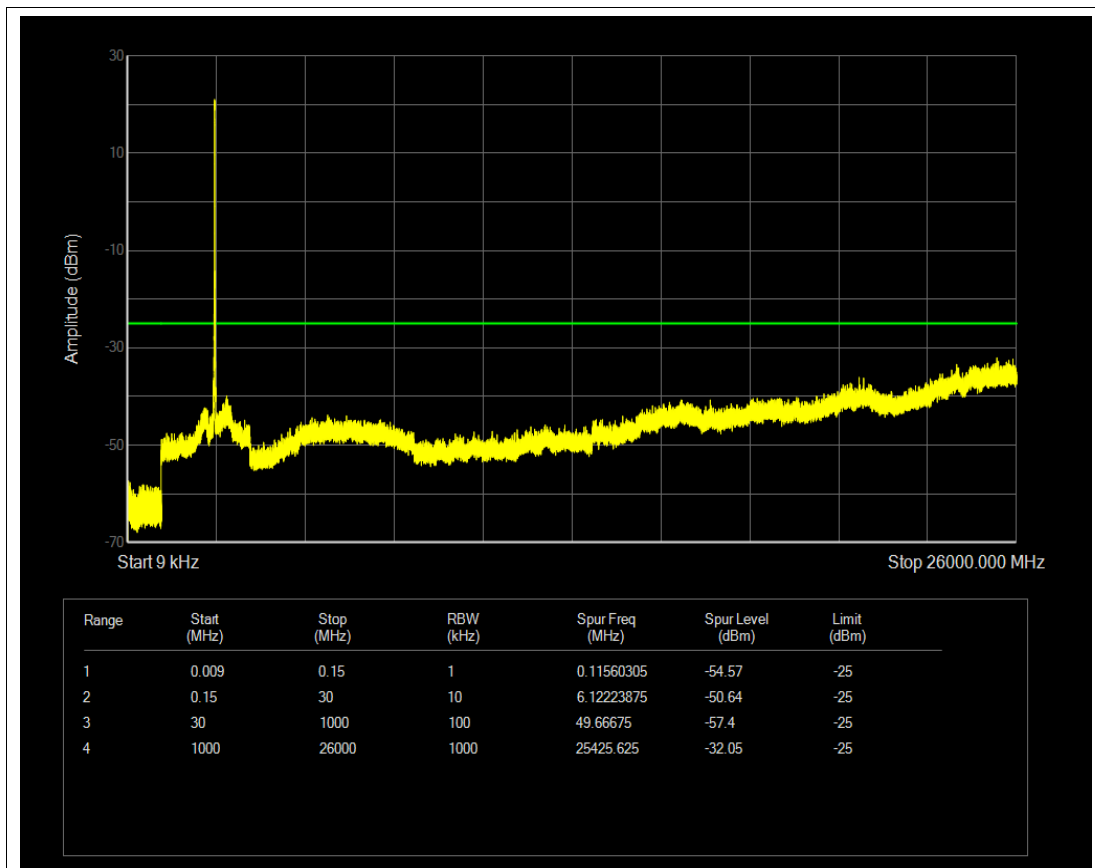
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



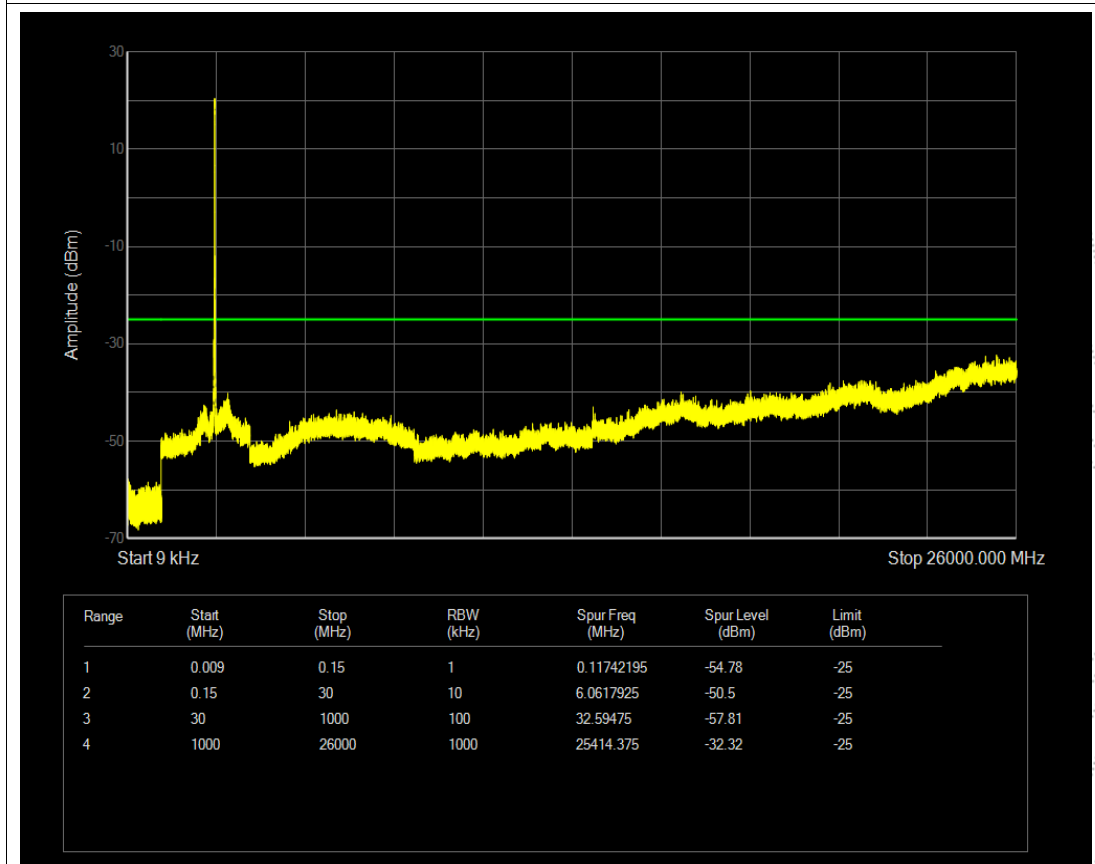
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



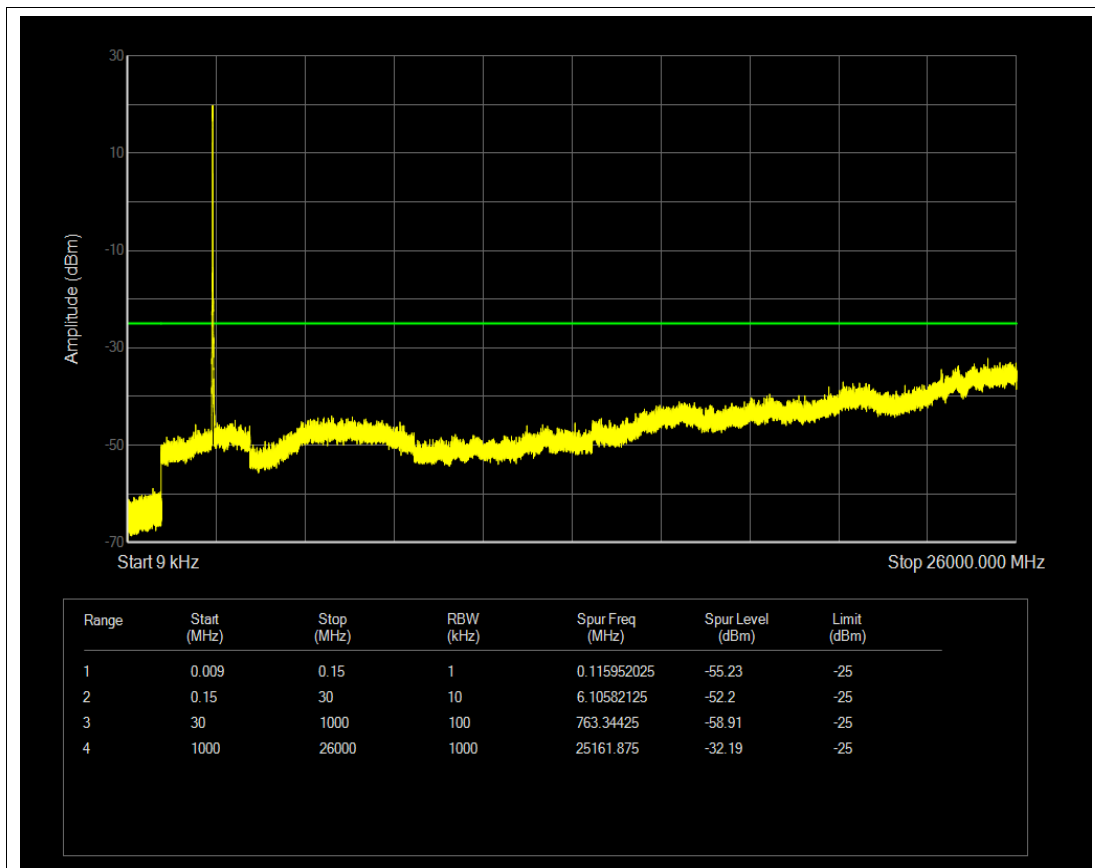
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



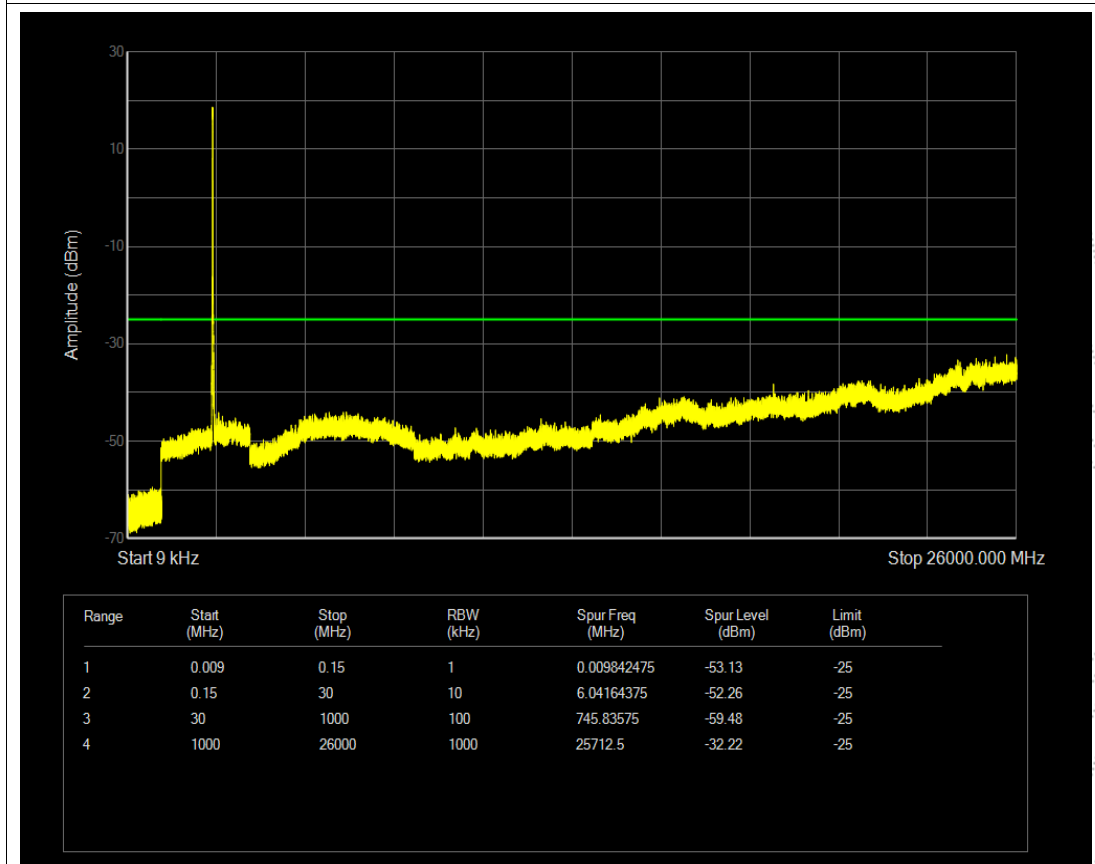
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



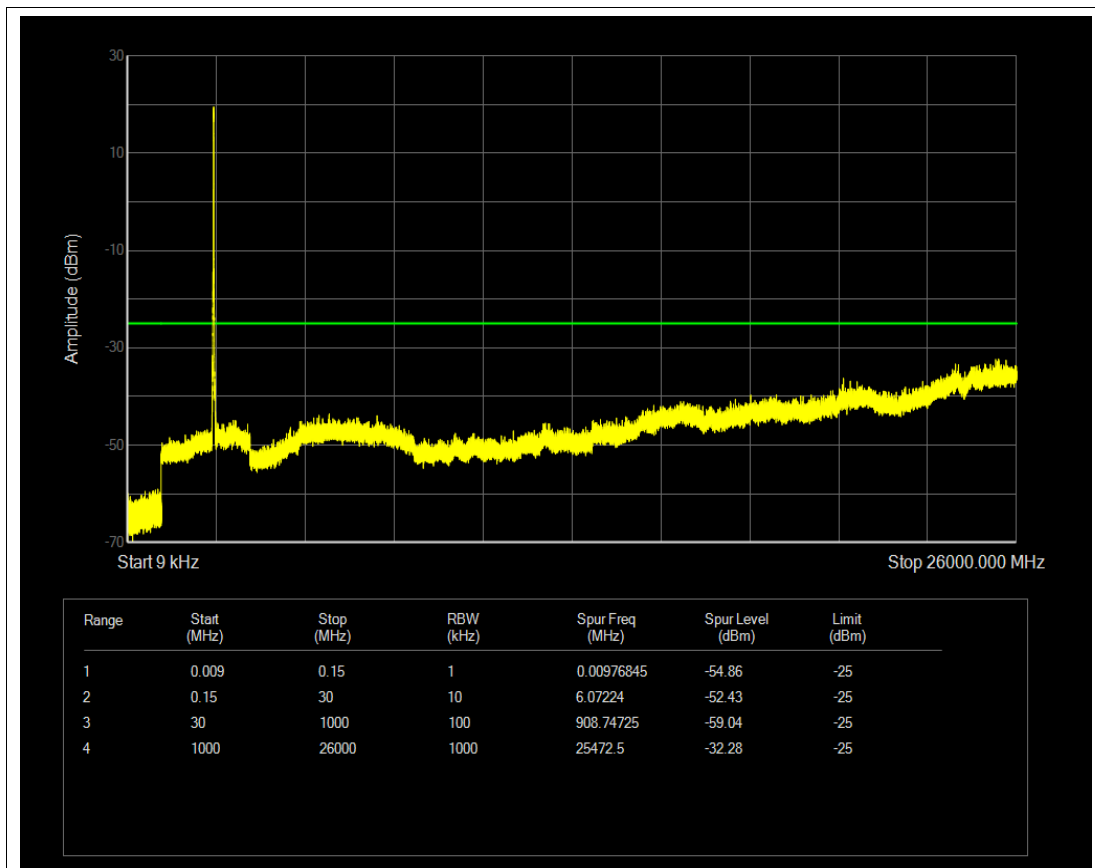
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



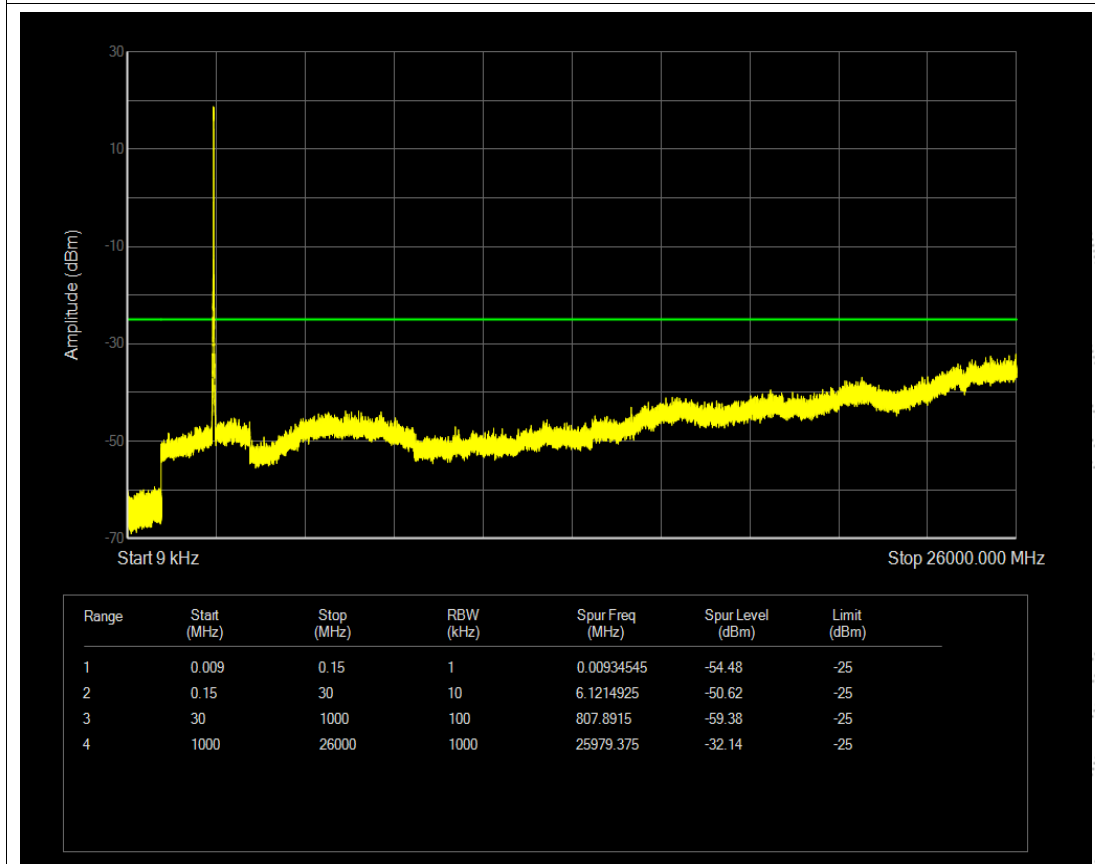
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



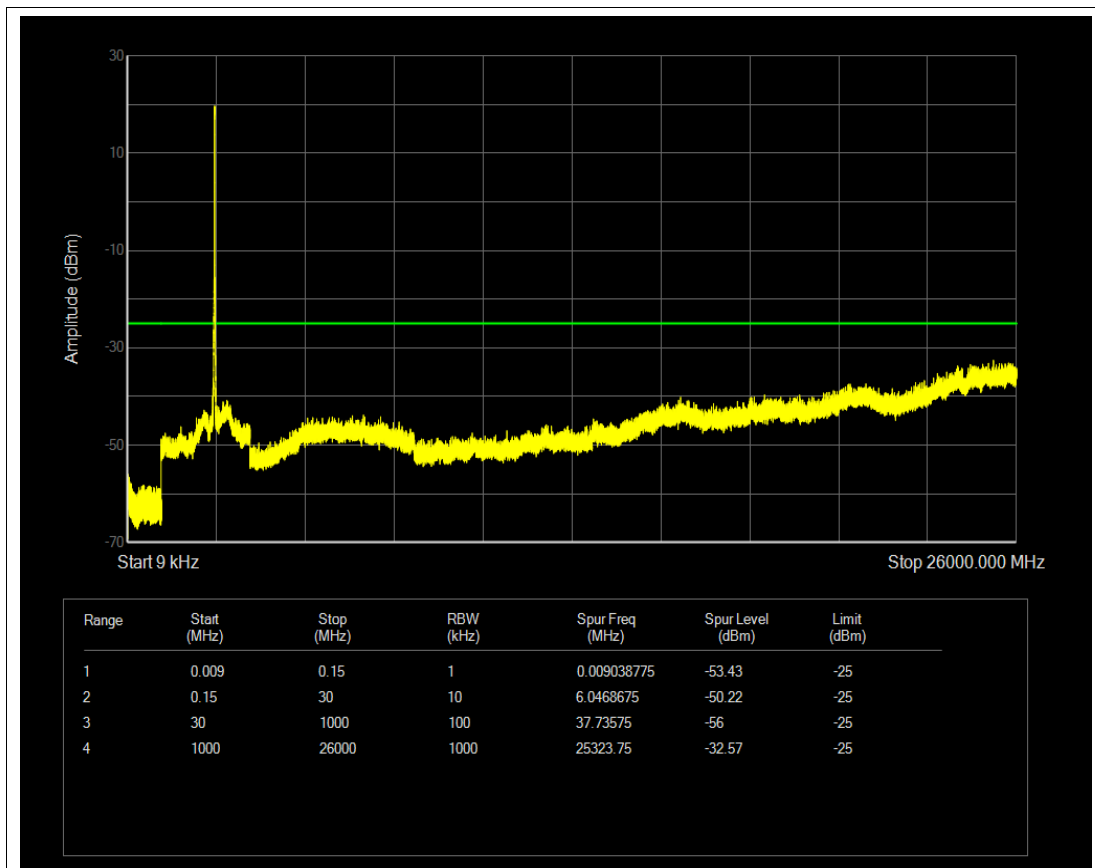
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



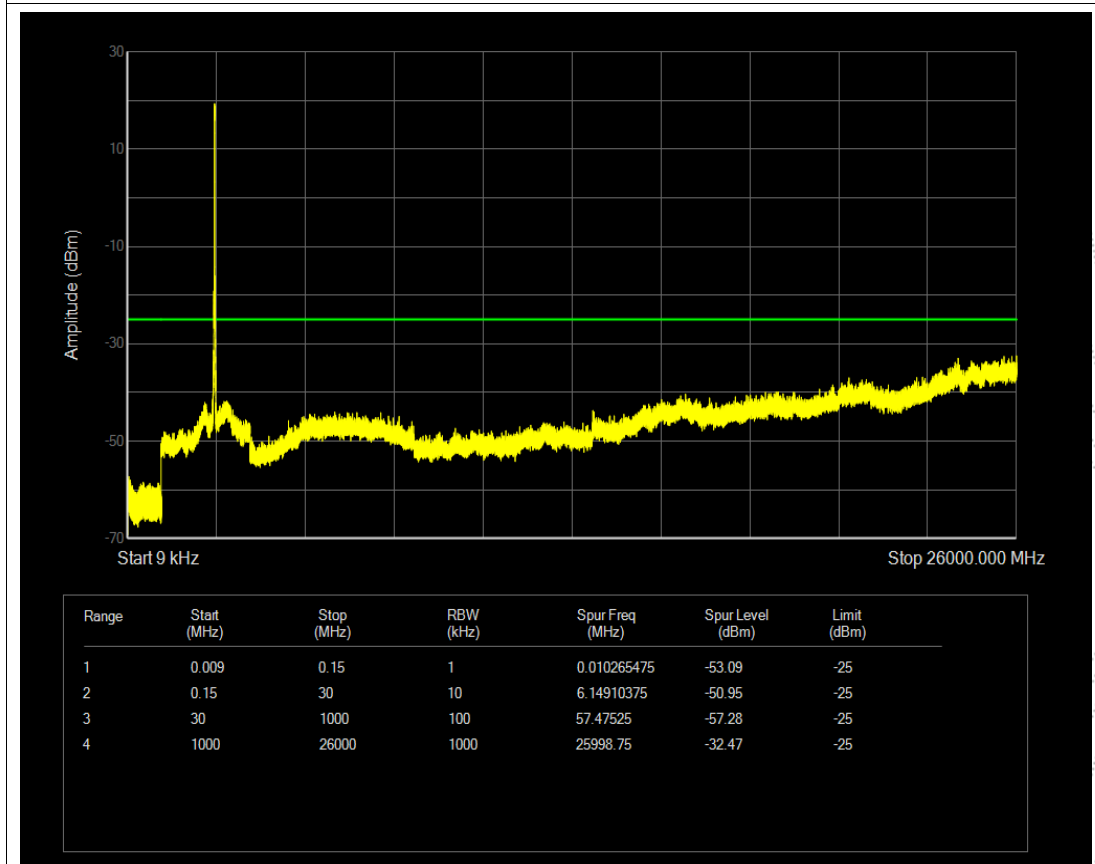
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



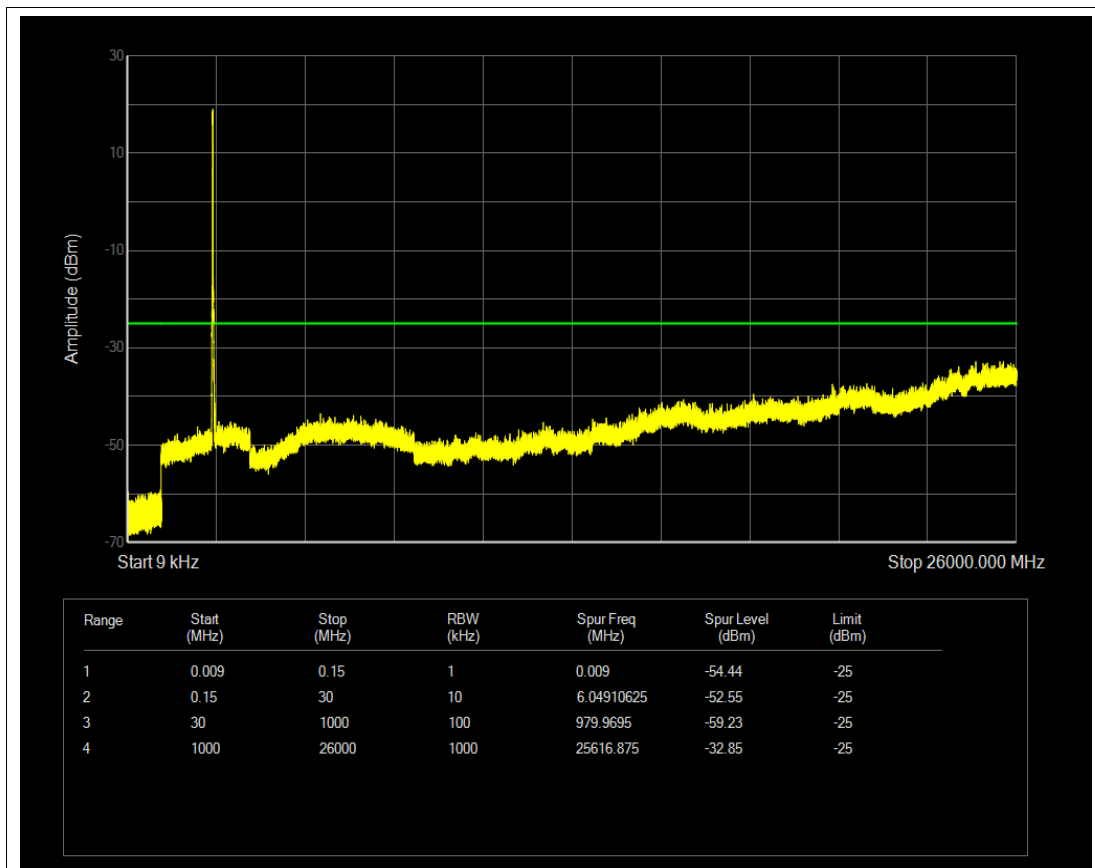
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



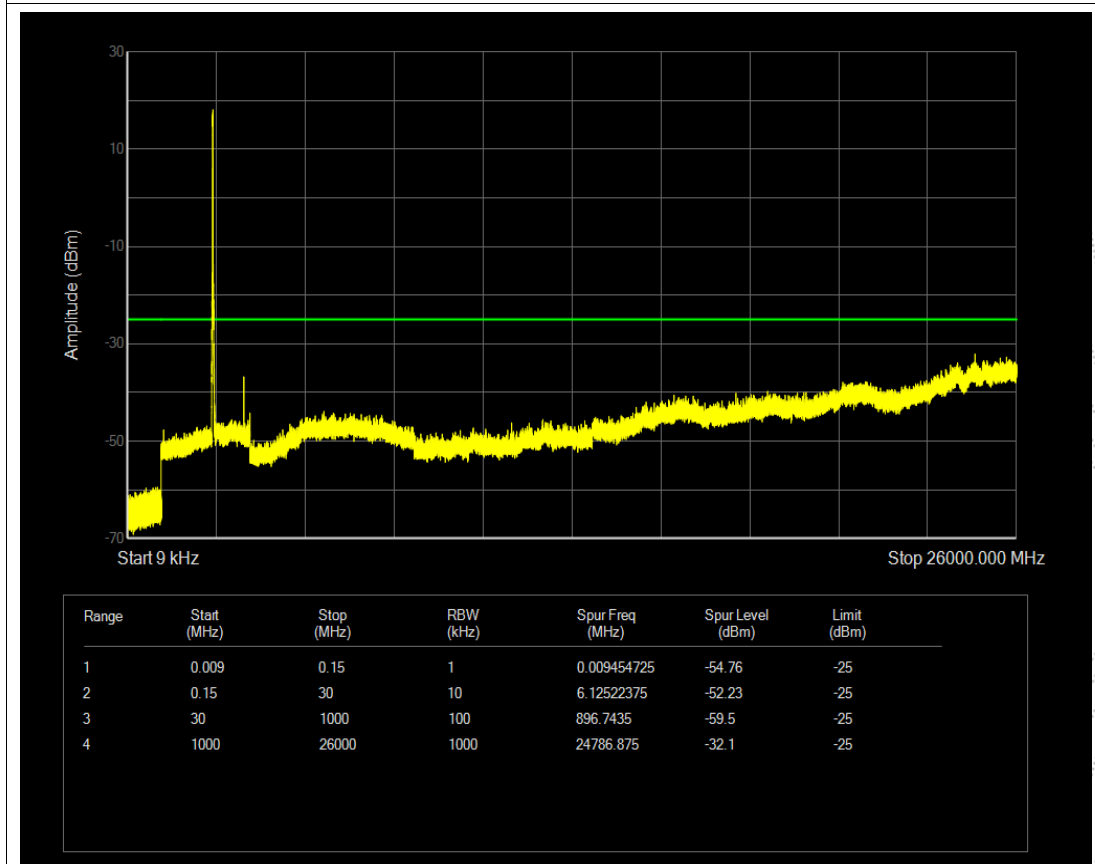
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



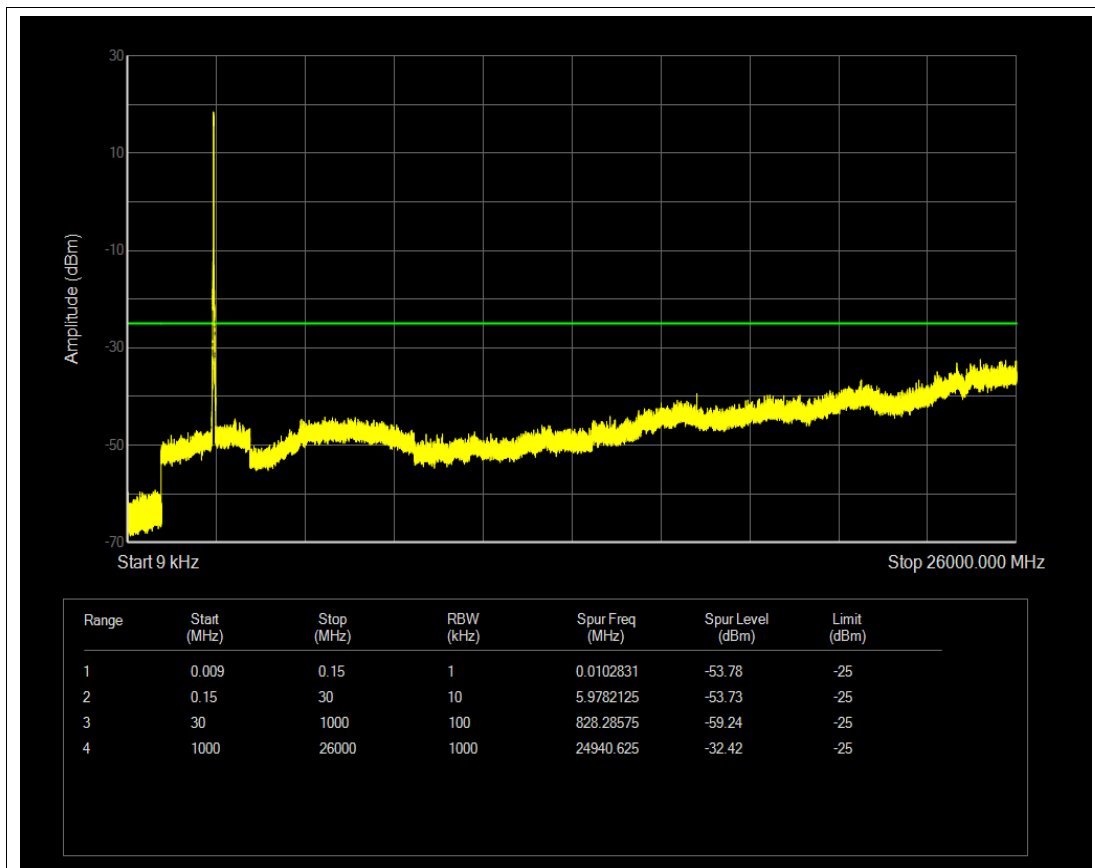
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



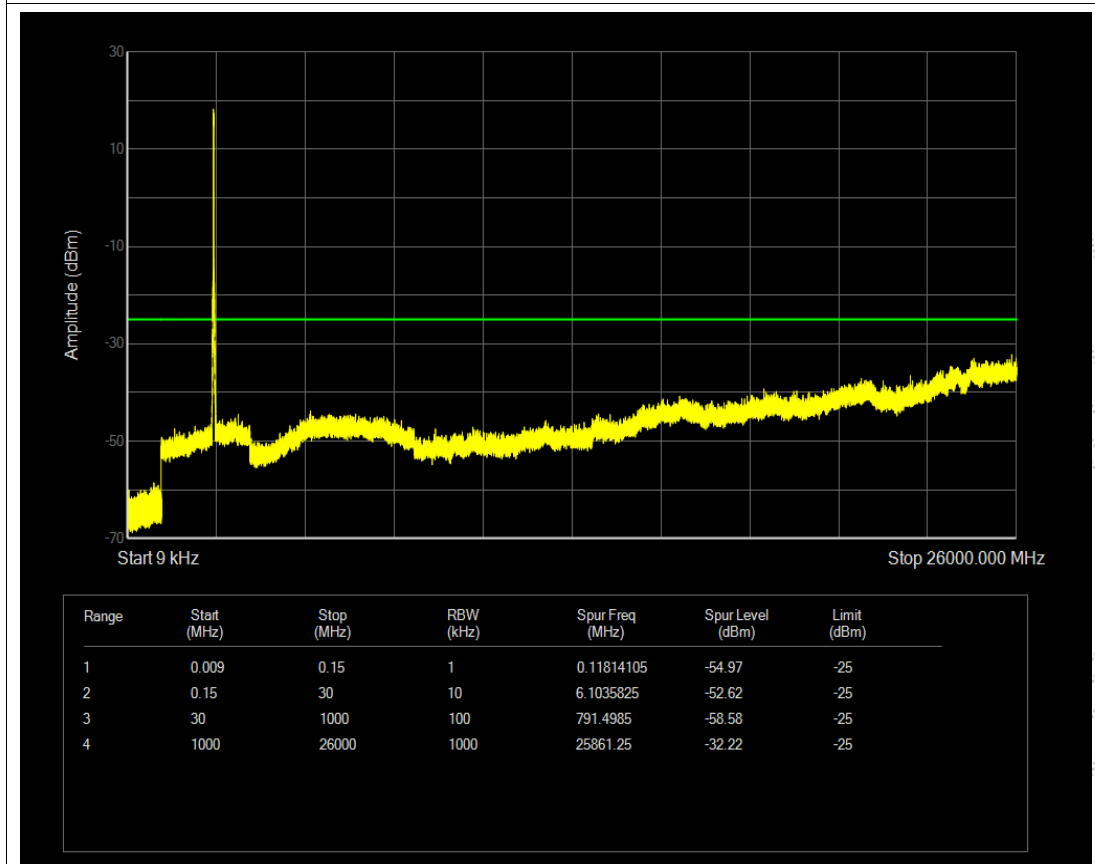
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



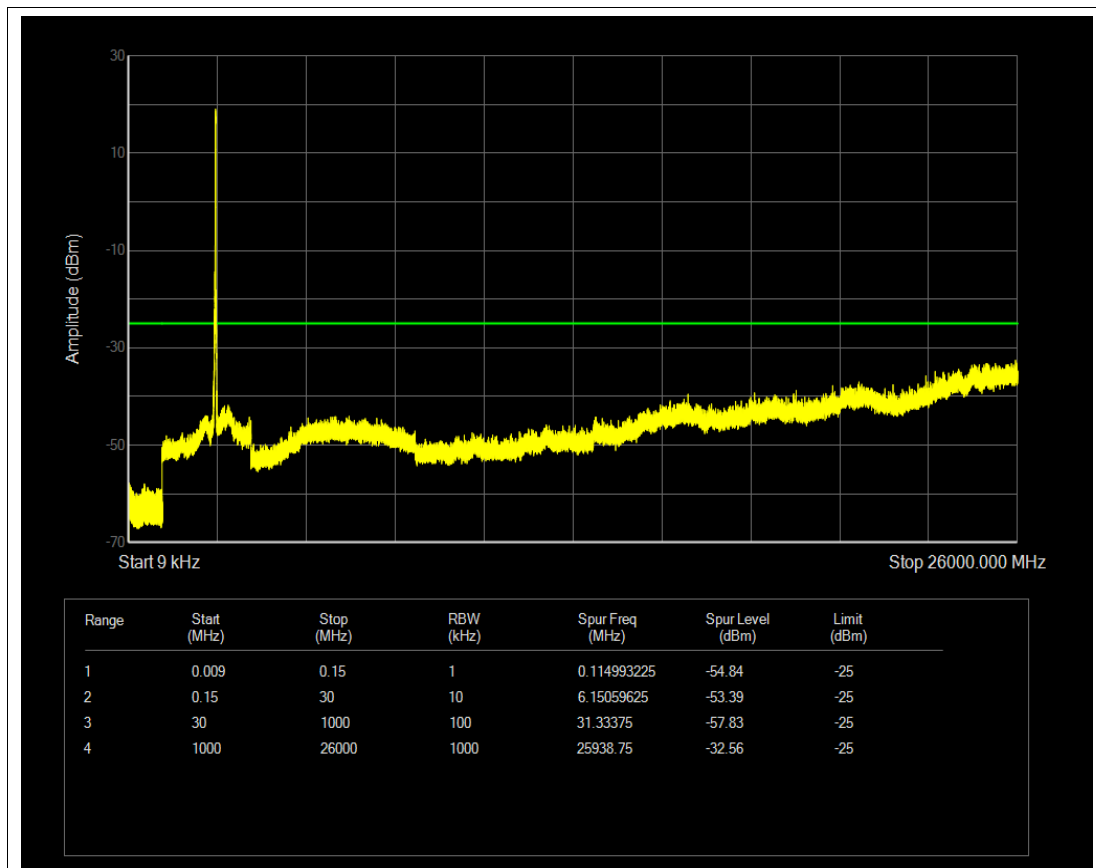
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



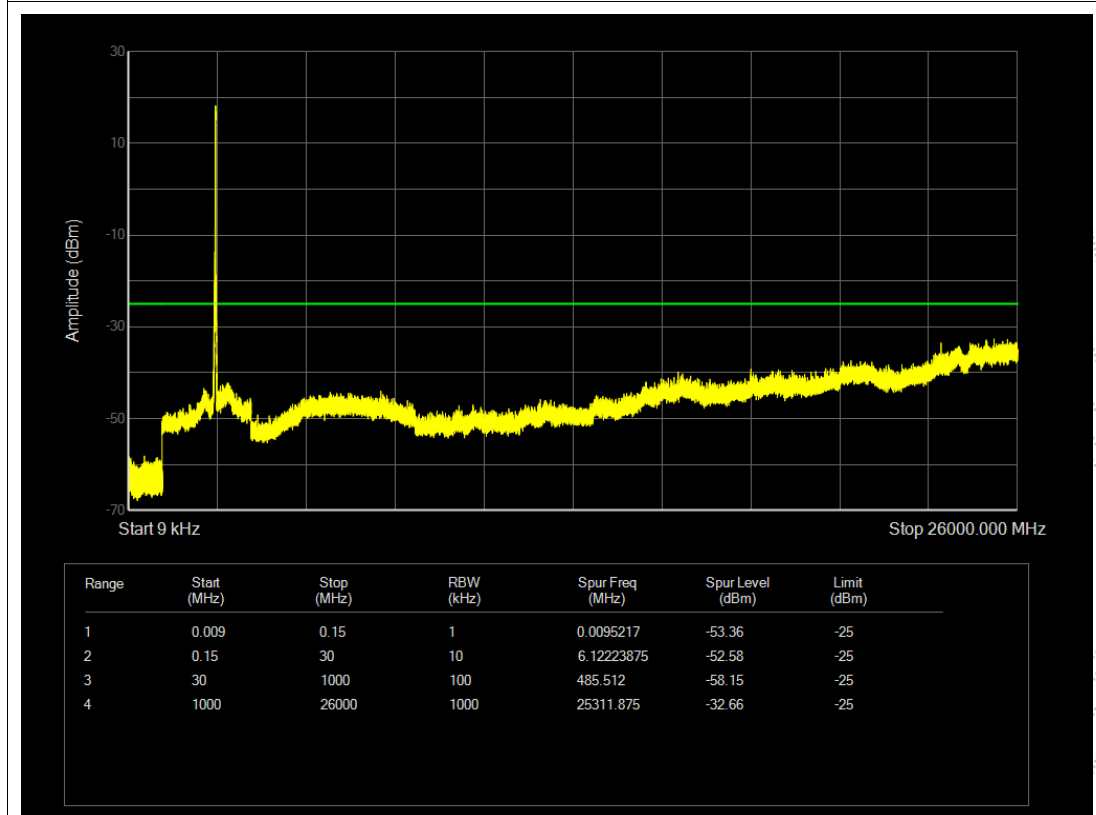
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



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



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



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