

Appendix for Band 7

Report No.: BCTC2309714850-2E

Applicant: Shenzhen Great Asia Electronic Co.,Ltd.

Product Name: Tablet PC

Model/Type
reference: VOLT-V010-2

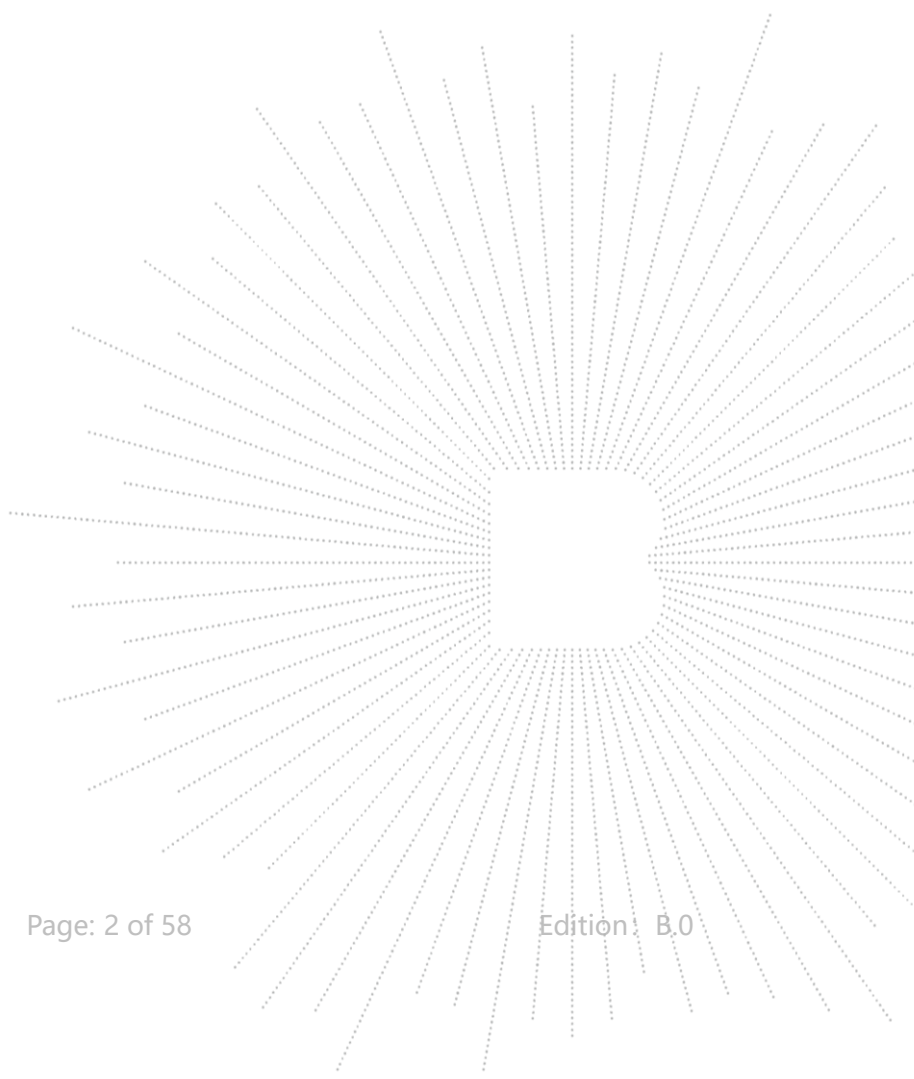
Tested Date: 2023-09-18 to 2023-10-09

Issued Date: 2023-10-23

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	21.74	PASS
Band7	5	20775	1	#Mid	QPSK	21.70	PASS
Band7	5	20775	1	#Max	QPSK	21.80	PASS
Band7	5	20775	12	#0	QPSK	20.82	PASS
Band7	5	20775	12	#Mid	QPSK	20.72	PASS
Band7	5	20775	12	#Max	QPSK	20.76	PASS
Band7	5	20775	25	#0	QPSK	20.75	PASS
Band7	5	20775	1	#0	16QAM	20.50	PASS
Band7	5	20775	1	#Mid	16QAM	20.49	PASS
Band7	5	20775	1	#Max	16QAM	20.53	PASS
Band7	5	20775	12	#0	16QAM	19.64	PASS
Band7	5	20775	12	#Mid	16QAM	19.70	PASS
Band7	5	20775	12	#Max	16QAM	19.71	PASS
Band7	5	20775	25	#0	16QAM	19.90	PASS
Band7	5	21100	1	#0	QPSK	21.42	PASS
Band7	5	21100	1	#Mid	QPSK	21.58	PASS
Band7	5	21100	1	#Max	QPSK	21.64	PASS
Band7	5	21100	12	#0	QPSK	20.66	PASS
Band7	5	21100	12	#Mid	QPSK	20.66	PASS
Band7	5	21100	12	#Max	QPSK	20.70	PASS
Band7	5	21100	25	#0	QPSK	20.70	PASS
Band7	5	21100	1	#0	16QAM	20.74	PASS
Band7	5	21100	1	#Mid	16QAM	20.76	PASS
Band7	5	21100	1	#Max	16QAM	20.79	PASS
Band7	5	21100	12	#0	16QAM	19.73	PASS
Band7	5	21100	12	#Mid	16QAM	19.71	PASS
Band7	5	21100	12	#Max	16QAM	19.72	PASS
Band7	5	21100	25	#0	16QAM	19.67	PASS
Band7	5	21425	1	#0	QPSK	21.22	PASS
Band7	5	21425	1	#Mid	QPSK	21.09	PASS
Band7	5	21425	1	#Max	QPSK	20.96	PASS
Band7	5	21425	12	#0	QPSK	20.18	PASS
Band7	5	21425	12	#Mid	QPSK	20.12	PASS
Band7	5	21425	12	#Max	QPSK	19.97	PASS
Band7	5	21425	25	#0	QPSK	19.96	PASS
Band7	5	21425	1	#0	16QAM	20.32	PASS
Band7	5	21425	1	#Mid	16QAM	20.17	PASS
Band7	5	21425	1	#Max	16QAM	20.19	PASS
Band7	5	21425	12	#0	16QAM	18.95	PASS
Band7	5	21425	12	#Mid	16QAM	18.99	PASS



Band7	5	21425	12	#Max	16QAM	18.94	PASS
Band7	5	21425	25	#0	16QAM	19.23	PASS
Band7	10	20800	1	#0	QPSK	21.69	PASS
Band7	10	20800	1	#Mid	QPSK	21.68	PASS
Band7	10	20800	1	#Max	QPSK	21.70	PASS
Band7	10	20800	25	#0	QPSK	20.75	PASS
Band7	10	20800	25	#Mid	QPSK	20.70	PASS
Band7	10	20800	25	#Max	QPSK	20.69	PASS
Band7	10	20800	50	#0	QPSK	20.76	PASS
Band7	10	20800	1	#0	16QAM	21.73	PASS
Band7	10	20800	1	#Mid	16QAM	21.88	PASS
Band7	10	20800	1	#Max	16QAM	21.99	PASS
Band7	10	20800	25	#0	16QAM	19.70	PASS
Band7	10	20800	25	#Mid	16QAM	19.68	PASS
Band7	10	20800	25	#Max	16QAM	19.72	PASS
Band7	10	20800	50	#0	16QAM	19.76	PASS
Band7	10	21100	1	#0	QPSK	21.65	PASS
Band7	10	21100	1	#Mid	QPSK	21.65	PASS
Band7	10	21100	1	#Max	QPSK	21.68	PASS
Band7	10	21100	25	#0	QPSK	20.54	PASS
Band7	10	21100	25	#Mid	QPSK	20.69	PASS
Band7	10	21100	25	#Max	QPSK	20.68	PASS
Band7	10	21100	50	#0	QPSK	20.54	PASS
Band7	10	21100	1	#0	16QAM	20.70	PASS
Band7	10	21100	1	#Mid	16QAM	20.71	PASS
Band7	10	21100	1	#Max	16QAM	20.81	PASS
Band7	10	21100	25	#0	16QAM	19.73	PASS
Band7	10	21100	25	#Mid	16QAM	19.73	PASS
Band7	10	21100	25	#Max	16QAM	19.79	PASS
Band7	10	21100	50	#0	16QAM	19.76	PASS
Band7	10	21400	1	#0	QPSK	21.31	PASS
Band7	10	21400	1	#Mid	QPSK	21.24	PASS
Band7	10	21400	1	#Max	QPSK	21.18	PASS
Band7	10	21400	25	#0	QPSK	20.09	PASS
Band7	10	21400	25	#Mid	QPSK	20.19	PASS
Band7	10	21400	25	#Max	QPSK	20.14	PASS
Band7	10	21400	50	#0	QPSK	20.22	PASS
Band7	10	21400	1	#0	16QAM	20.20	PASS
Band7	10	21400	1	#Mid	16QAM	20.24	PASS
Band7	10	21400	1	#Max	16QAM	20.05	PASS
Band7	10	21400	25	#0	16QAM	19.21	PASS
Band7	10	21400	25	#Mid	16QAM	19.25	PASS
Band7	10	21400	25	#Max	16QAM	19.13	PASS
Band7	10	21400	50	#0	16QAM	19.27	PASS



Band7	15	20825	1	#0	QPSK	21.58	PASS
Band7	15	20825	1	#Mid	QPSK	21.54	PASS
Band7	15	20825	1	#Max	QPSK	21.56	PASS
Band7	15	20825	36	#0	QPSK	20.67	PASS
Band7	15	20825	36	#Mid	QPSK	20.72	PASS
Band7	15	20825	36	#Max	QPSK	20.72	PASS
Band7	15	20825	75	#0	QPSK	20.62	PASS
Band7	15	20825	1	#0	16QAM	21.81	PASS
Band7	15	20825	1	#Mid	16QAM	21.83	PASS
Band7	15	20825	1	#Max	16QAM	21.86	PASS
Band7	15	20825	36	#0	16QAM	19.78	PASS
Band7	15	20825	36	#Mid	16QAM	19.78	PASS
Band7	15	20825	36	#Max	16QAM	19.74	PASS
Band7	15	20825	75	#0	16QAM	19.75	PASS
Band7	15	21100	1	#0	QPSK	21.62	PASS
Band7	15	21100	1	#Mid	QPSK	21.63	PASS
Band7	15	21100	1	#Max	QPSK	21.63	PASS
Band7	15	21100	36	#0	QPSK	20.60	PASS
Band7	15	21100	36	#Mid	QPSK	20.60	PASS
Band7	15	21100	36	#Max	QPSK	20.65	PASS
Band7	15	21100	75	#0	QPSK	20.62	PASS
Band7	15	21100	1	#0	16QAM	20.64	PASS
Band7	15	21100	1	#Mid	16QAM	20.62	PASS
Band7	15	21100	1	#Max	16QAM	20.71	PASS
Band7	15	21100	36	#0	16QAM	19.73	PASS
Band7	15	21100	36	#Mid	16QAM	19.75	PASS
Band7	15	21100	36	#Max	16QAM	19.79	PASS
Band7	15	21100	75	#0	16QAM	19.68	PASS
Band7	15	21375	1	#0	QPSK	21.43	PASS
Band7	15	21375	1	#Mid	QPSK	21.23	PASS
Band7	15	21375	1	#Max	QPSK	21.16	PASS
Band7	15	21375	36	#0	QPSK	20.23	PASS
Band7	15	21375	36	#Mid	QPSK	20.20	PASS
Band7	15	21375	36	#Max	QPSK	20.14	PASS
Band7	15	21375	75	#0	QPSK	20.06	PASS
Band7	15	21375	1	#0	16QAM	21.08	PASS
Band7	15	21375	1	#Mid	16QAM	20.92	PASS
Band7	15	21375	1	#Max	16QAM	20.90	PASS
Band7	15	21375	36	#0	16QAM	19.28	PASS
Band7	15	21375	36	#Mid	16QAM	19.23	PASS
Band7	15	21375	36	#Max	16QAM	19.05	PASS
Band7	15	21375	75	#0	16QAM	19.24	PASS
Band7	20	20850	1	#0	QPSK	21.65	PASS
Band7	20	20850	1	#Mid	QPSK	21.58	PASS



Band7	20	20850	1	#Max	QPSK	21.56	PASS
Band7	20	20850	50	#0	QPSK	20.77	PASS
Band7	20	20850	50	#Mid	QPSK	20.71	PASS
Band7	20	20850	50	#Max	QPSK	20.55	PASS
Band7	20	20850	100	#0	QPSK	20.60	PASS
Band7	20	20850	1	#0	16QAM	20.46	PASS
Band7	20	20850	1	#Mid	16QAM	20.50	PASS
Band7	20	20850	1	#Max	16QAM	20.40	PASS
Band7	20	20850	50	#0	16QAM	19.84	PASS
Band7	20	20850	50	#Mid	16QAM	19.81	PASS
Band7	20	20850	50	#Max	16QAM	19.79	PASS
Band7	20	20850	100	#0	16QAM	19.66	PASS
Band7	20	21100	1	#0	QPSK	21.66	PASS
Band7	20	21100	1	#Mid	QPSK	21.67	PASS
Band7	20	21100	1	#Max	QPSK	21.70	PASS
Band7	20	21100	50	#0	QPSK	20.64	PASS
Band7	20	21100	50	#Mid	QPSK	20.53	PASS
Band7	20	21100	50	#Max	QPSK	20.66	PASS
Band7	20	21100	100	#0	QPSK	20.65	PASS
Band7	20	21100	1	#0	16QAM	20.77	PASS
Band7	20	21100	1	#Mid	16QAM	20.94	PASS
Band7	20	21100	1	#Max	16QAM	20.94	PASS
Band7	20	21100	50	#0	16QAM	19.59	PASS
Band7	20	21100	50	#Mid	16QAM	19.73	PASS
Band7	20	21100	50	#Max	16QAM	19.63	PASS
Band7	20	21100	100	#0	16QAM	19.61	PASS
Band7	20	21350	1	#0	QPSK	21.56	PASS
Band7	20	21350	1	#Mid	QPSK	21.40	PASS
Band7	20	21350	1	#Max	QPSK	21.30	PASS
Band7	20	21350	50	#0	QPSK	20.27	PASS
Band7	20	21350	50	#Mid	QPSK	20.19	PASS
Band7	20	21350	50	#Max	QPSK	20.18	PASS
Band7	20	21350	100	#0	QPSK	20.20	PASS
Band7	20	21350	1	#0	16QAM	20.38	PASS
Band7	20	21350	1	#Mid	16QAM	20.11	PASS
Band7	20	21350	1	#Max	16QAM	19.96	PASS
Band7	20	21350	50	#0	16QAM	19.34	PASS
Band7	20	21350	50	#Mid	16QAM	19.30	PASS
Band7	20	21350	50	#Max	16QAM	19.25	PASS
Band7	20	21350	100	#0	16QAM	19.27	PASS

Appendix 2. Frequency stability

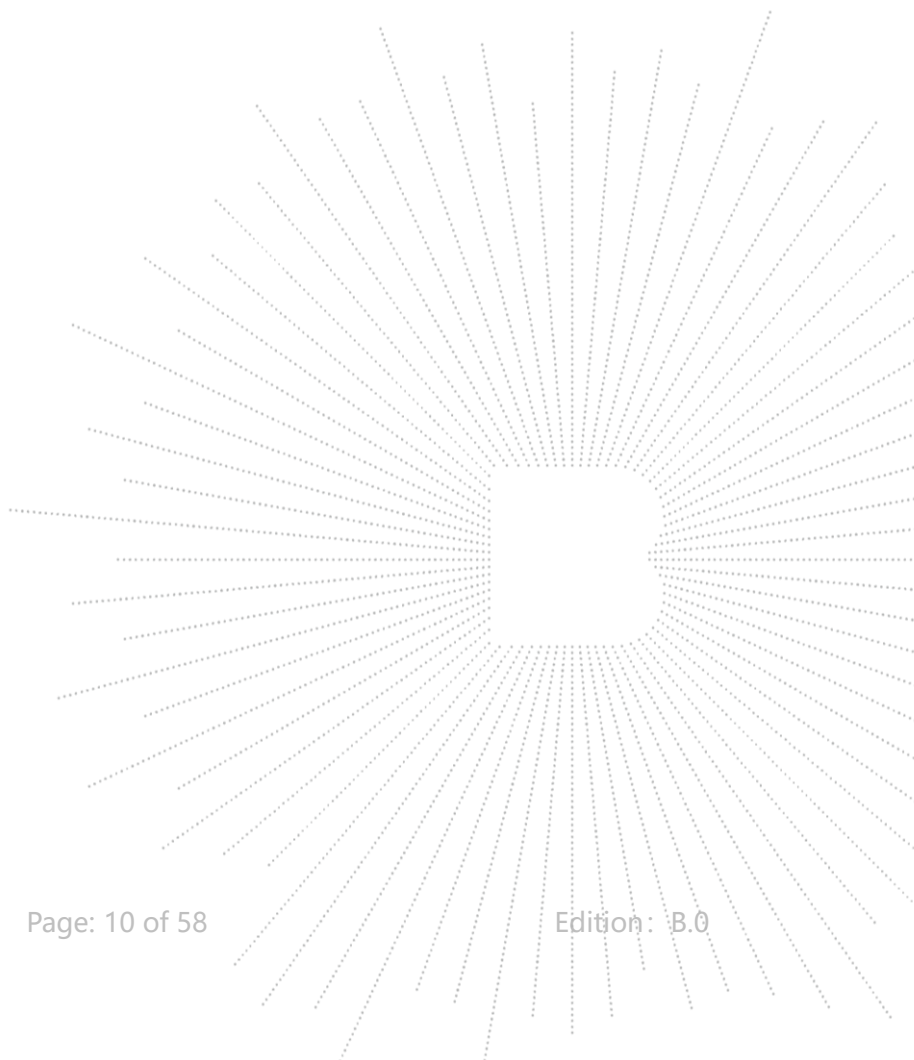
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
Band 7	5	20775	25	#0	QPSK	LV	NT	21.03	0.008	-2.5	2.5	PASS
Band 7	5	20775	25	#0	QPSK	NV	NT	43.26	0.017	-2.5	2.5	PASS
Band 7	5	20775	25	#0	QPSK	HV	NT	48.58	0.019	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	LV	NT	4.89	0.002	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	NV	NT	11.33	0.005	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	HV	NT	10.53	0.004	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	LV	NT	12.12	0.005	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	NV	NT	17.45	0.007	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	HV	NT	24.85	0.010	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	LV	NT	29.75	0.012	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	NV	NT	36.85	0.015	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	HV	NT	42.17	0.017	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	LV	NT	-9.07	-0.004	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	NV	NT	-4.86	-0.002	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	HV	NT	-3.91	-0.002	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	LV	NT	-2.86	-0.001	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	NV	NT	-4.25	-0.002	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	HV	NT	-8.13	-0.003	-2.5	2.5	PASS
Band	10	20800	50	#0	QPSK	LV	NT	44.52	0.018	-2.5	2.5	PASS

7												
Band 7	10	20800	50	#0	QPSK	NV	NT	16.22	0.006	-2.5	2.5	PASS
Band 7	10	20800	50	#0	QPSK	HV	NT	25.81	0.010	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	LV	NT	32.40	0.013	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	NV	NT	21.93	0.009	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	HV	NT	27.59	0.011	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	LV	NT	10.66	0.004	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	NV	NT	13.93	0.005	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	HV	NT	18.48	0.007	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	LV	NT	24.06	0.009	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	NV	NT	26.91	0.011	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	HV	NT	31.27	0.012	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	LV	NT	6.81	0.003	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	NV	NT	-25.03	-0.010	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	HV	NT	31.86	0.012	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	LV	NT	39.37	0.015	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	NV	NT	36.55	0.014	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	HV	NT	30.57	0.012	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	LV	NT	10.54	0.004	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	NV	NT	31.63	0.013	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	HV	NT	34.78	0.014	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	LV	NT	34.49	0.014	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	NV	NT	16.58	0.007	-2.5	2.5	PASS



7												
Band 7	15	20825	75	#0	16QAM	HV	NT	18.53	0.007	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	LV	NT	-5.36	-0.002	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	NV	NT	-0.64	0.000	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	HV	NT	4.08	0.002	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	LV	NT	7.72	0.003	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	NV	NT	11.22	0.004	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	HV	NT	10.54	0.004	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	LV	NT	28.30	0.011	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	NV	NT	35.12	0.014	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	HV	NT	30.34	0.012	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	LV	NT	21.96	0.009	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	NV	NT	-17.01	-0.007	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	HV	NT	-18.85	-0.007	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	LV	NT	-9.90	-0.004	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	NV	NT	10.16	0.004	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	HV	NT	12.37	0.005	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	LV	NT	10.94	0.004	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	NV	NT	8.11	0.003	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	HV	NT	8.45	0.003	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	LV	NT	2.85	0.001	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	NV	NT	0.51	0.000	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	HV	NT	18.25	0.007	-2.5	2.5	PASS

7												
Band 7	20	21100	100	#0	16QAM	LV	NT	25.55	0.010	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	NV	NT	33.49	0.013	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	HV	NT	42.54	0.017	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	LV	NT	18.48	0.007	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	NV	NT	19.23	0.008	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	HV	NT	16.05	0.006	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	LV	NT	6.45	0.003	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	NV	NT	-0.30	0.000	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	HV	NT	-5.14	-0.002	-2.5	2.5	PASS

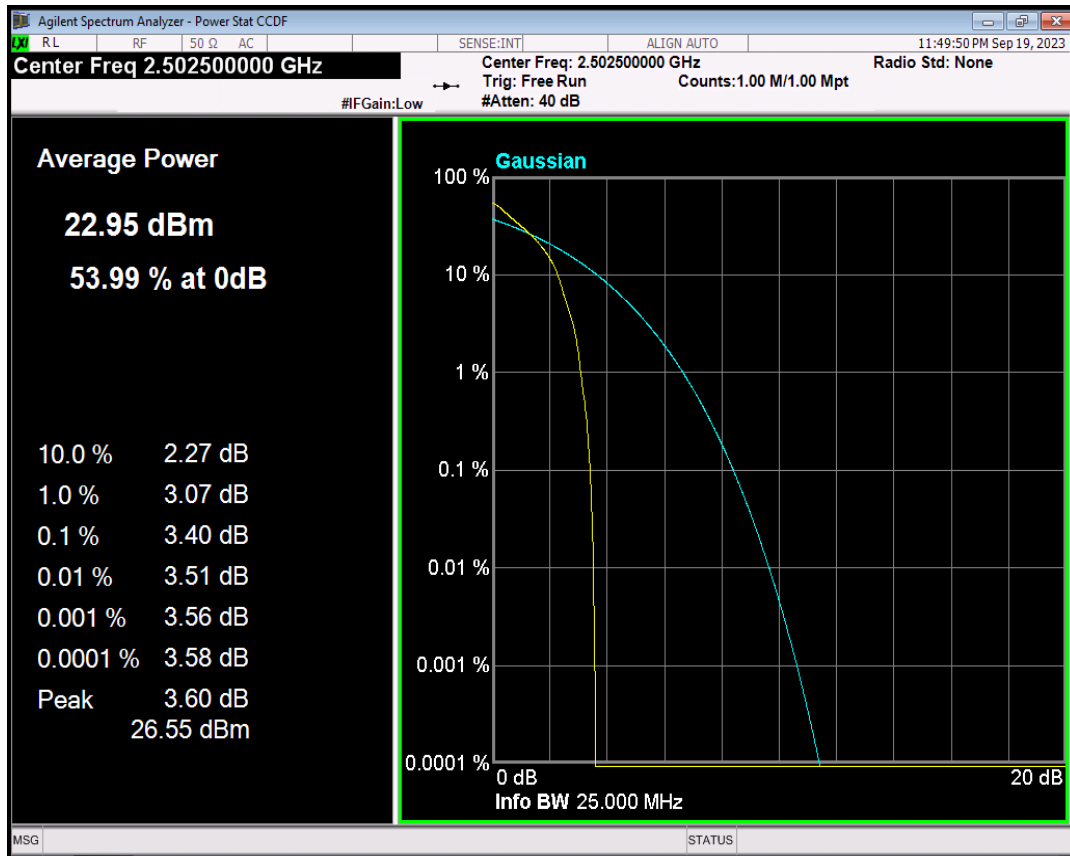


Appendix 3. Peak-to-Average Ratio

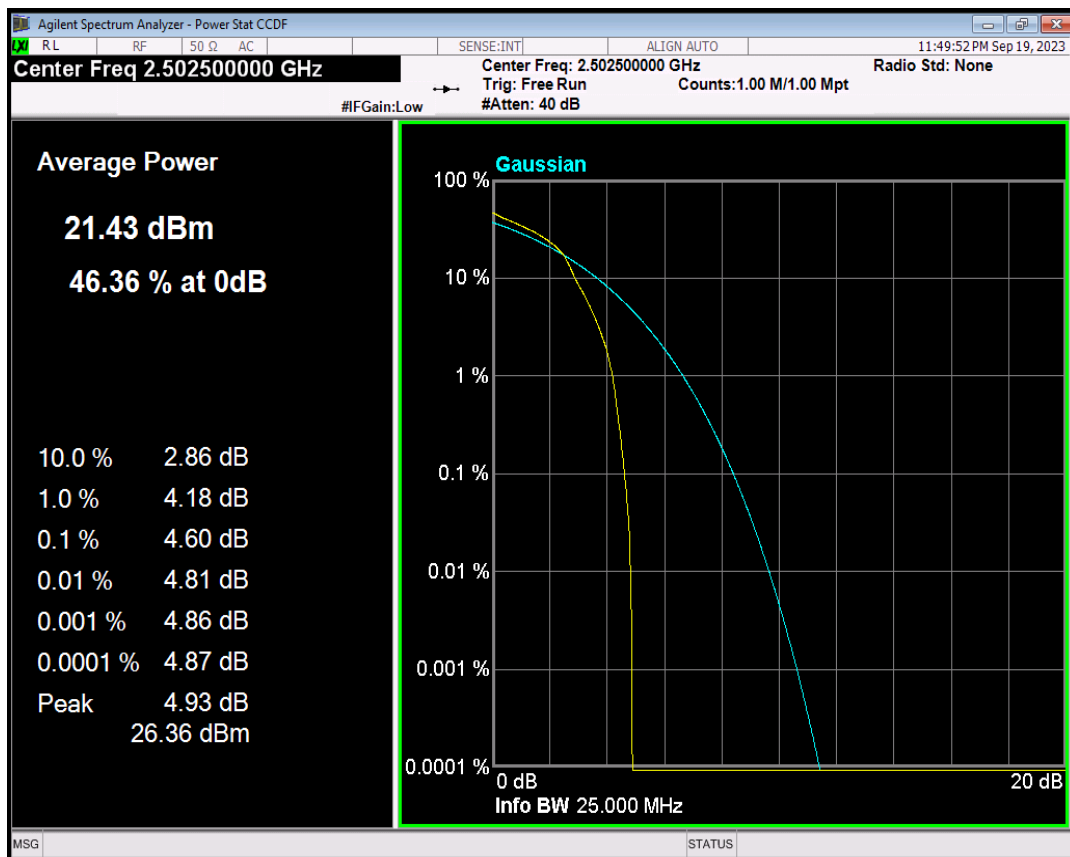
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band7	5	20775	1	#0	QPSK	3.40	13	PASS
Band7	5	20775	1	#0	16QAM	4.60	13	PASS
Band7	5	21100	1	#0	QPSK	4.22	13	PASS
Band7	5	21100	1	#0	16QAM	5.01	13	PASS
Band7	5	21425	1	#0	QPSK	5.08	13	PASS
Band7	5	21425	1	#0	16QAM	6.07	13	PASS
Band7	10	20800	1	#0	QPSK	3.32	13	PASS
Band7	10	20800	1	#0	16QAM	4.42	13	PASS
Band7	10	21100	1	#0	QPSK	4.42	13	PASS
Band7	10	21100	1	#0	16QAM	5.46	13	PASS
Band7	10	21400	1	#0	QPSK	5.07	13	PASS
Band7	10	21400	1	#0	16QAM	5.86	13	PASS
Band7	15	20825	1	#0	QPSK	3.38	13	PASS
Band7	15	20825	1	#0	16QAM	4.33	13	PASS
Band7	15	21100	1	#0	QPSK	4.55	13	PASS
Band7	15	21100	1	#0	16QAM	5.57	13	PASS
Band7	15	21375	1	#0	QPSK	4.77	13	PASS
Band7	15	21375	1	#0	16QAM	5.55	13	PASS
Band7	20	20850	1	#0	QPSK	3.22	13	PASS
Band7	20	20850	1	#0	16QAM	4.32	13	PASS
Band7	20	21100	1	#0	QPSK	4.25	13	PASS
Band7	20	21100	1	#0	16QAM	5.26	13	PASS
Band7	20	21350	1	#0	QPSK	4.92	13	PASS
Band7	20	21350	1	#0	16QAM	5.82	13	PASS



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

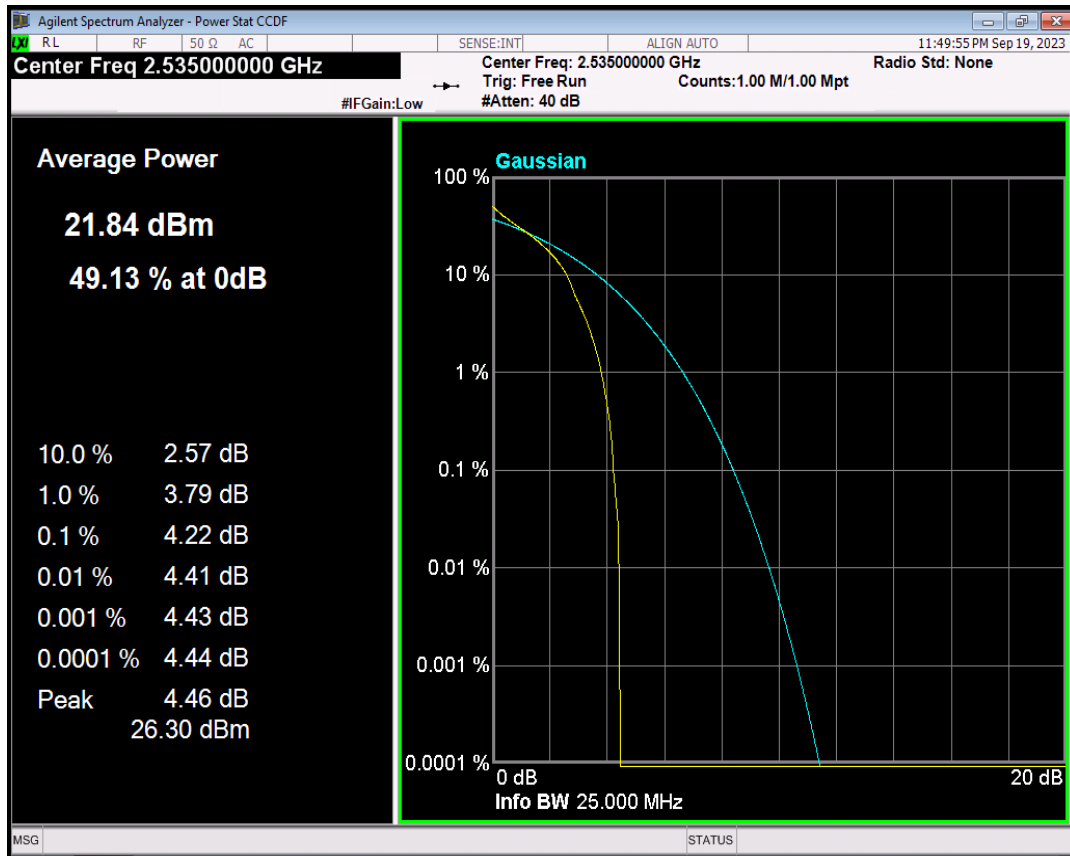


Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0

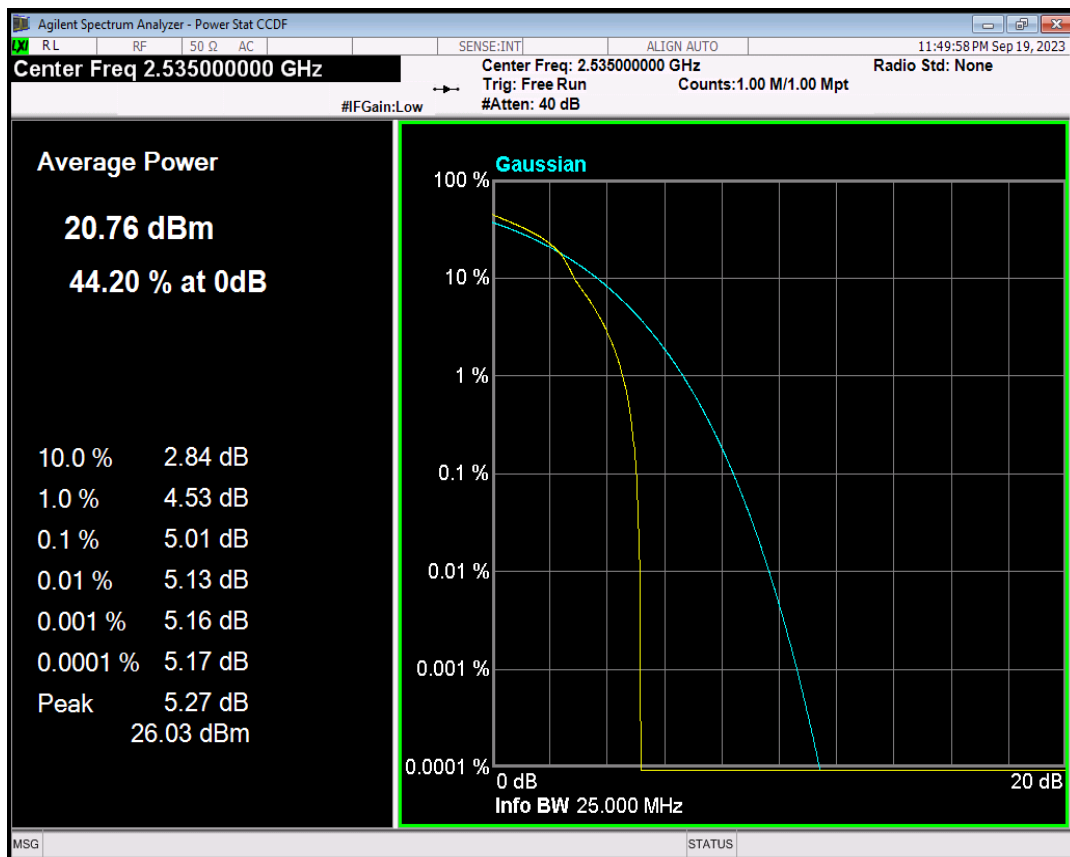




Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0

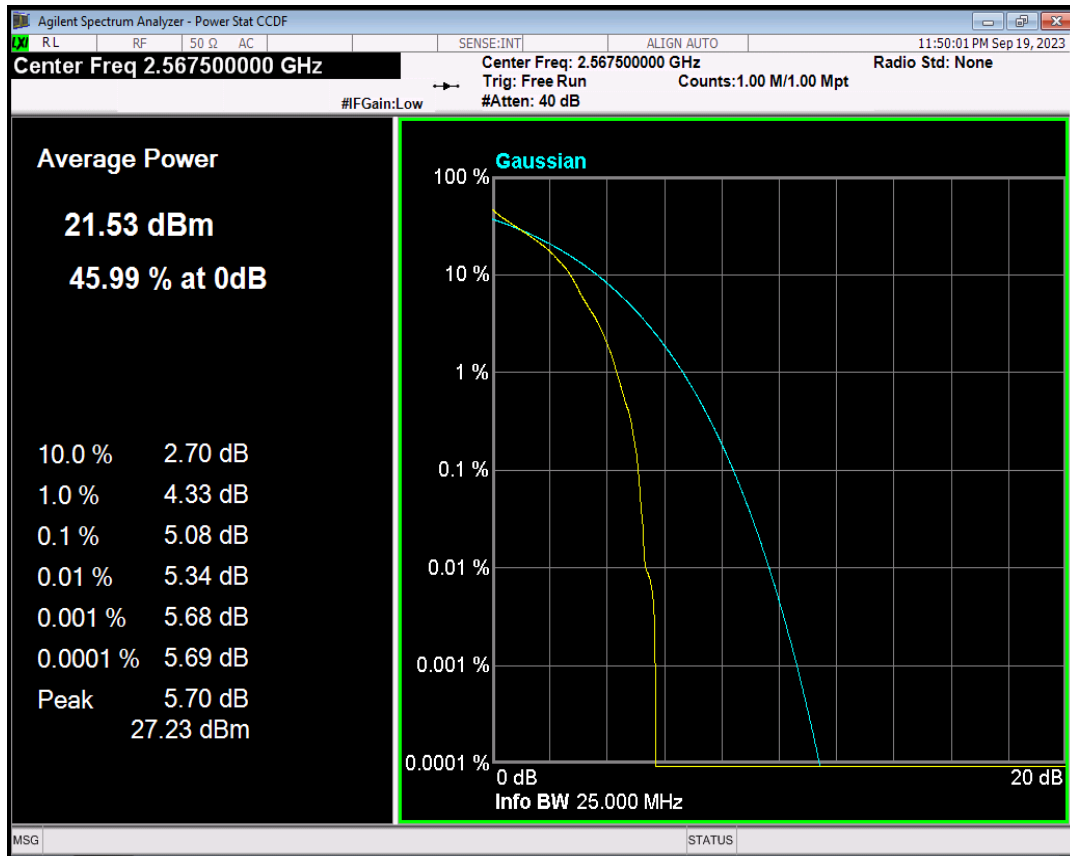


Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0

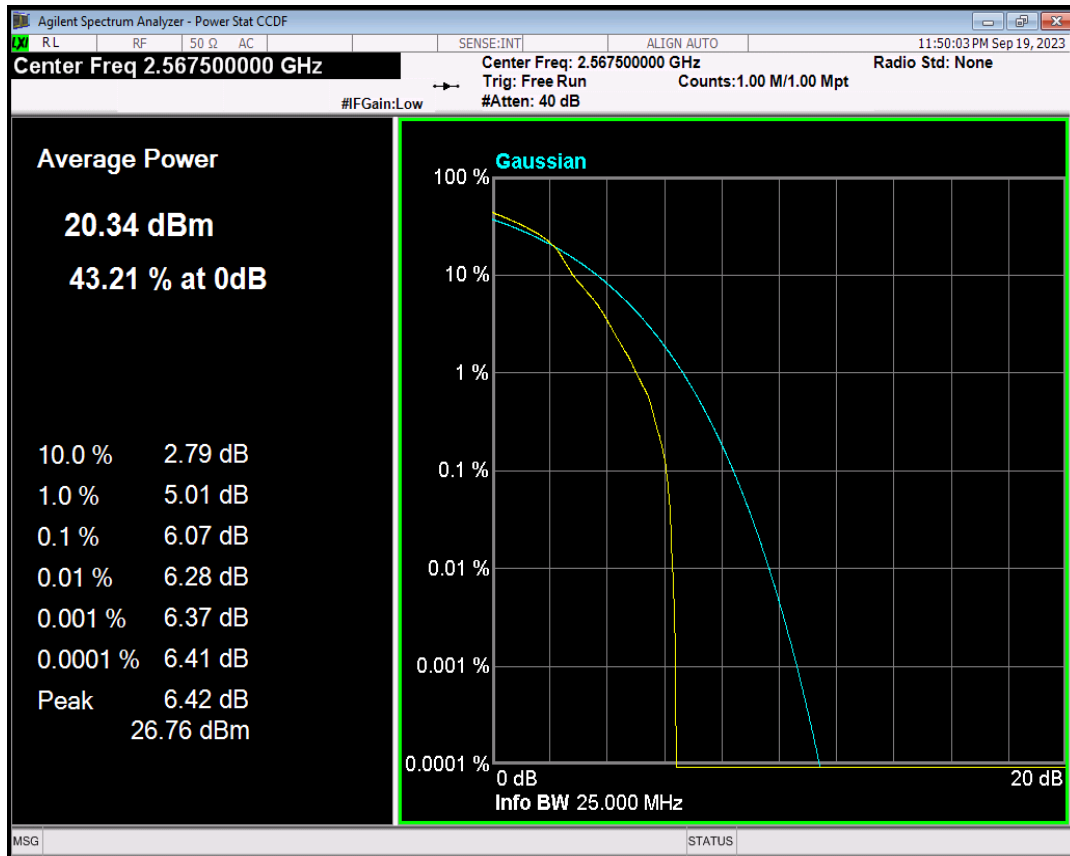




Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0

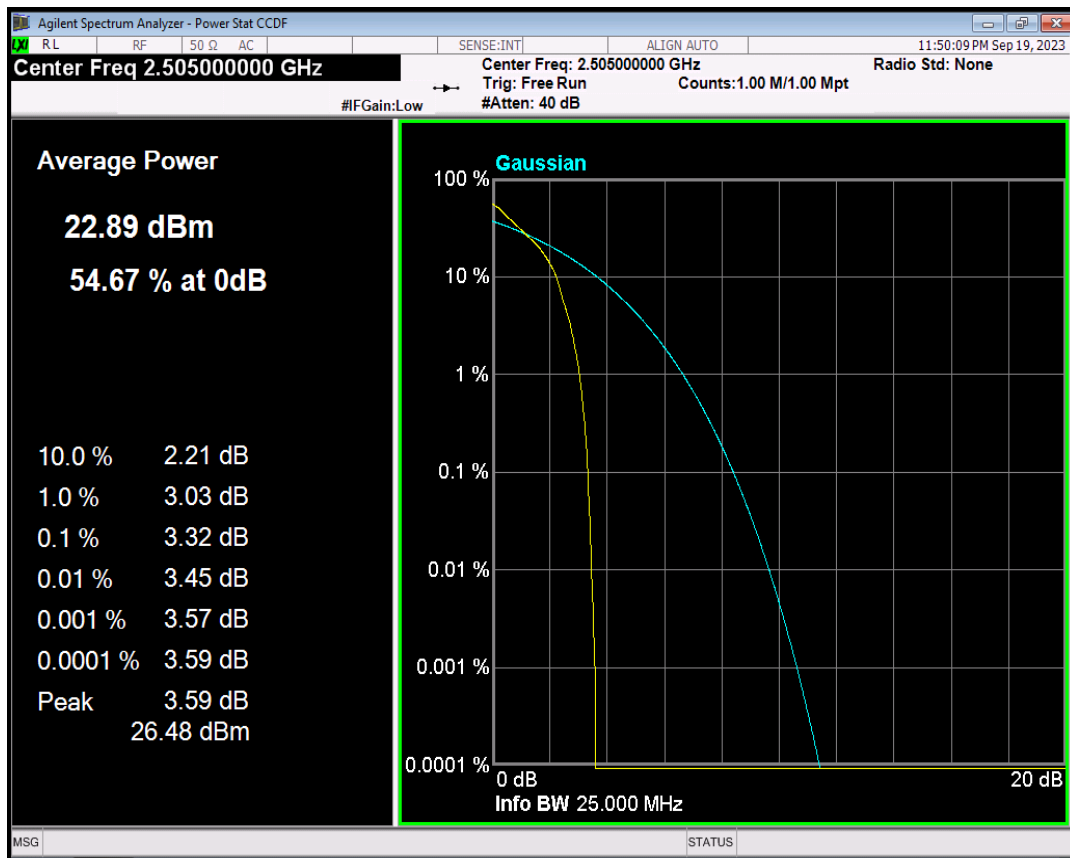


Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0

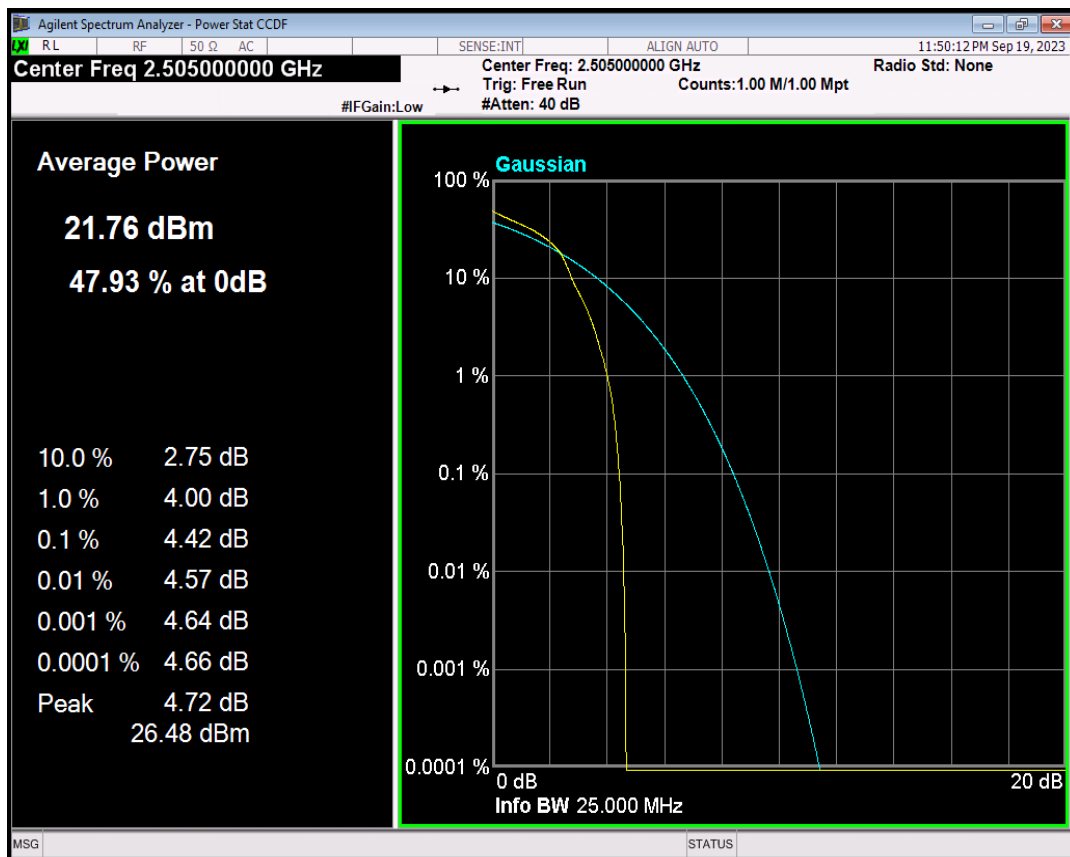




Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0

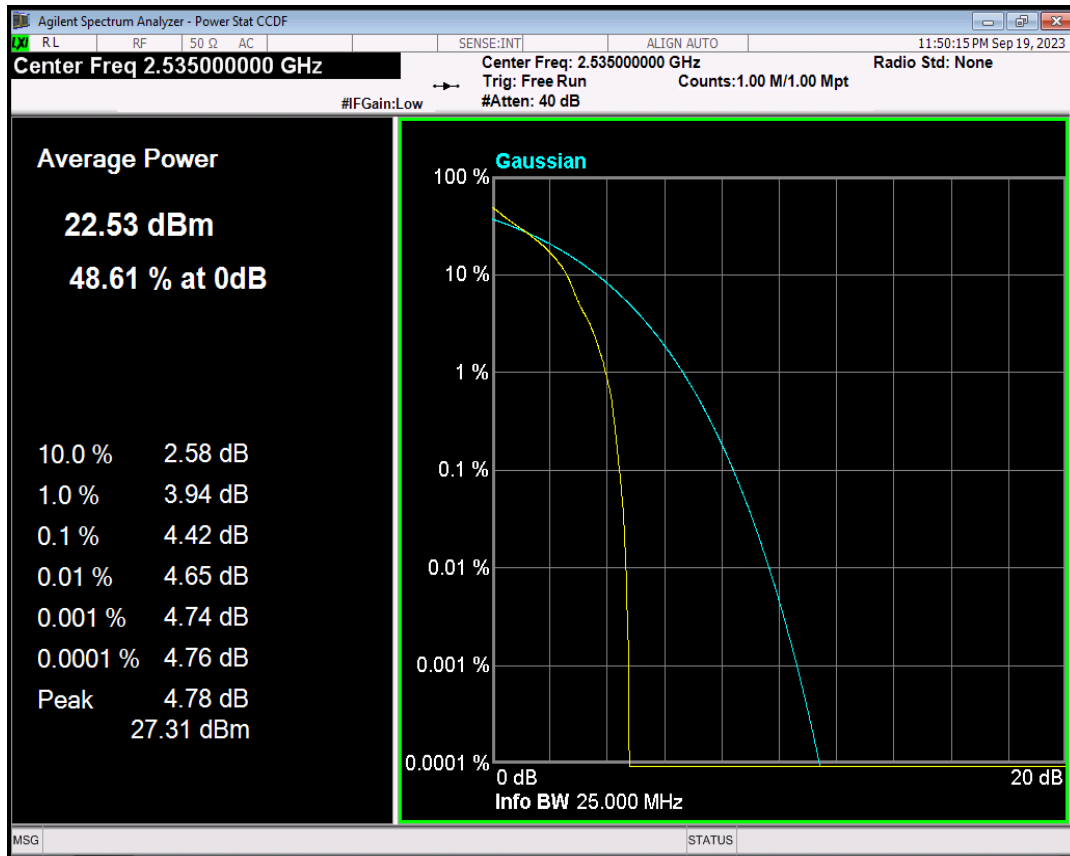


Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0

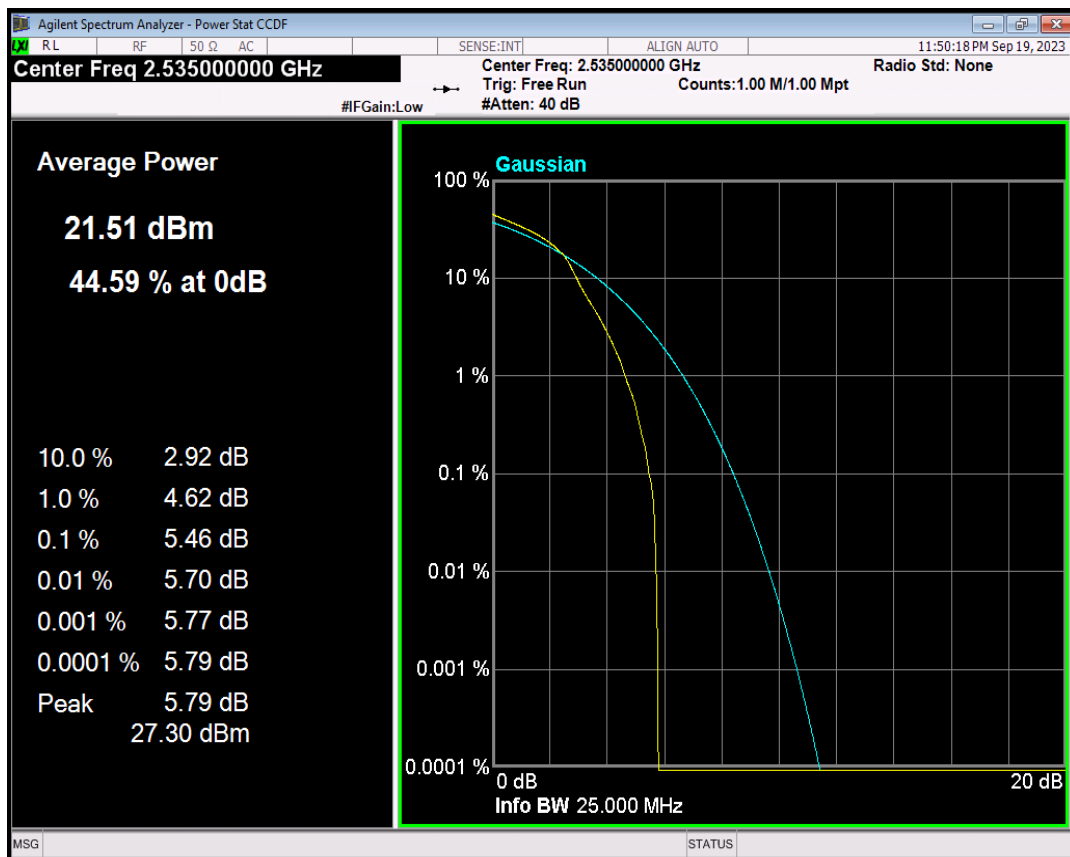




Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0

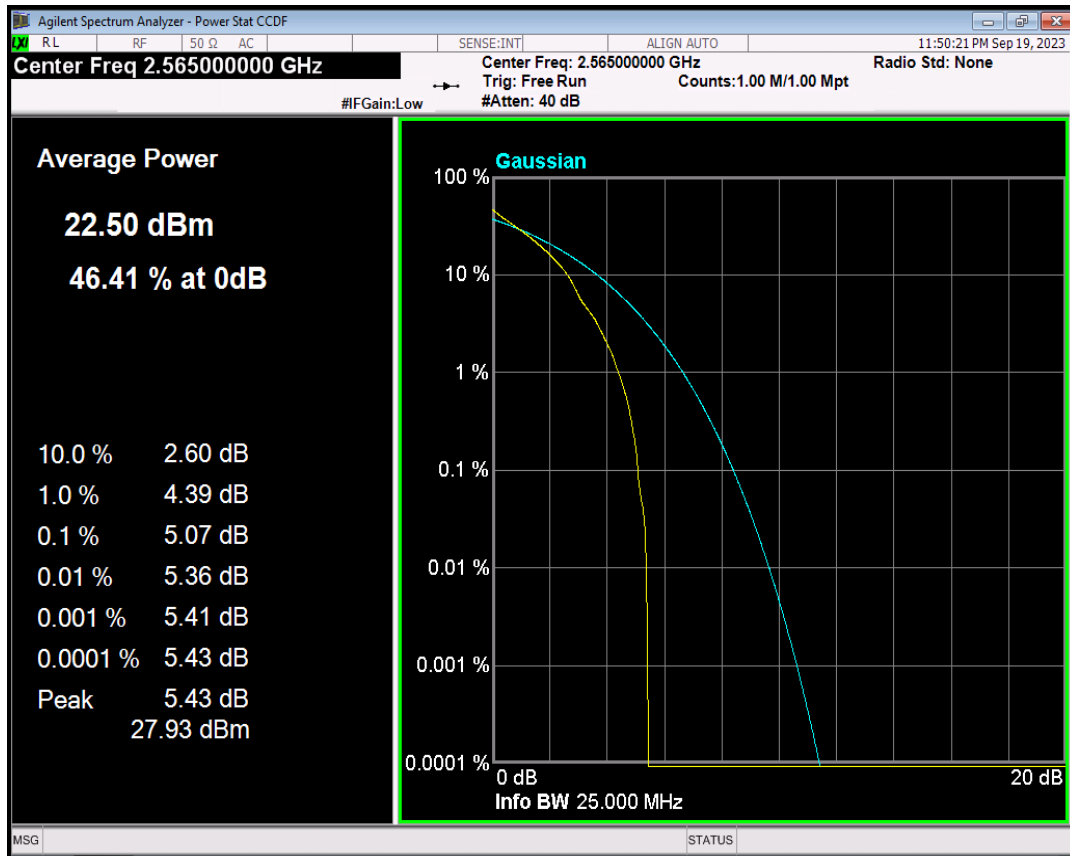


Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0

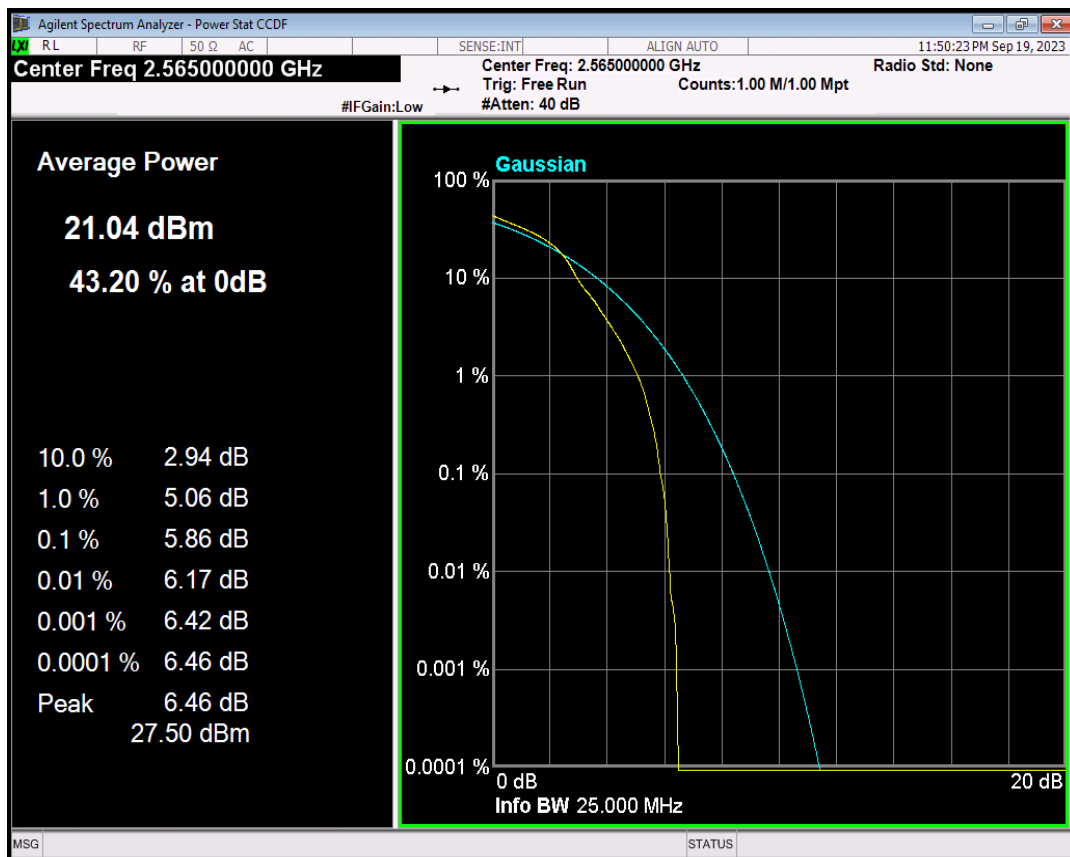




Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0

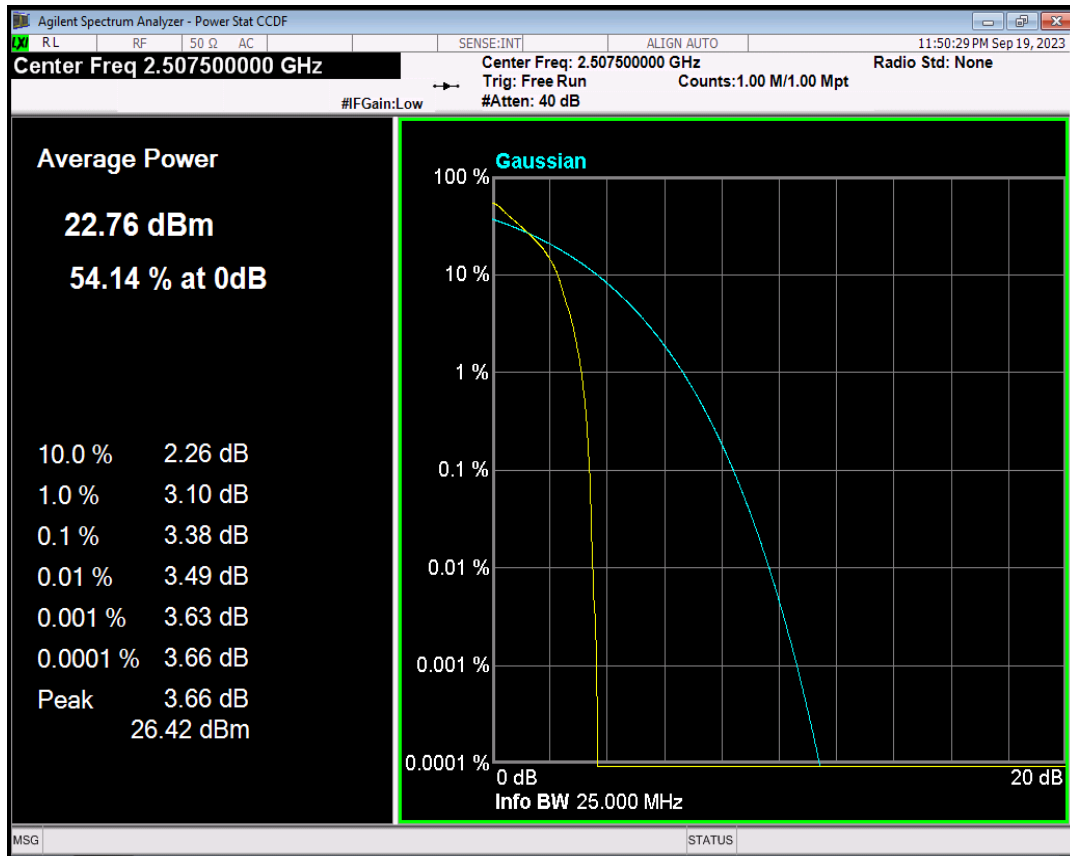


Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0

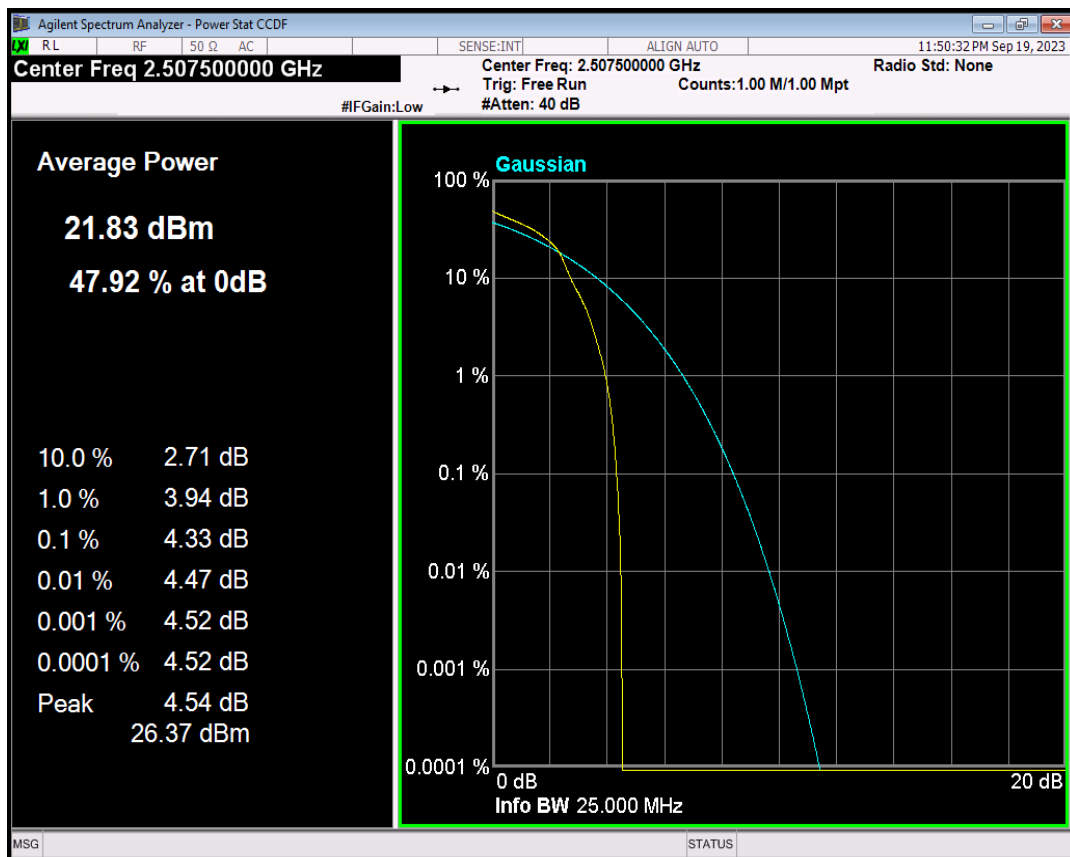




Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0

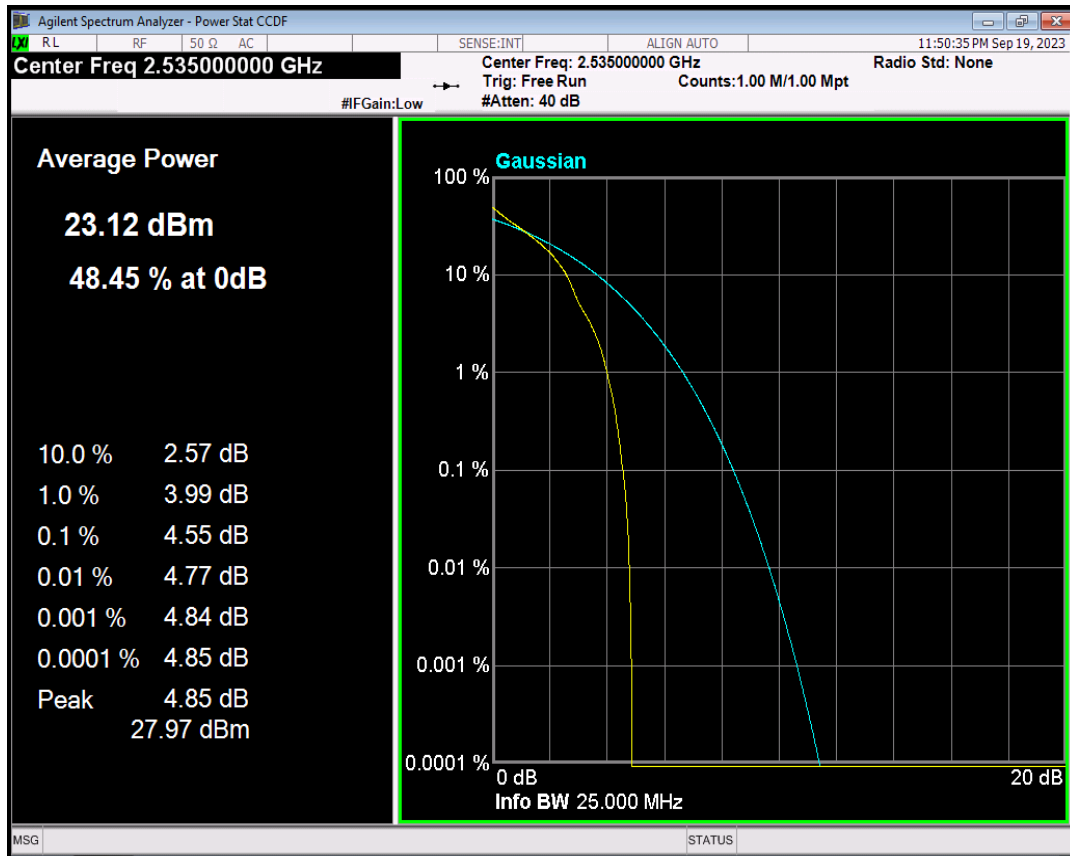


Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0

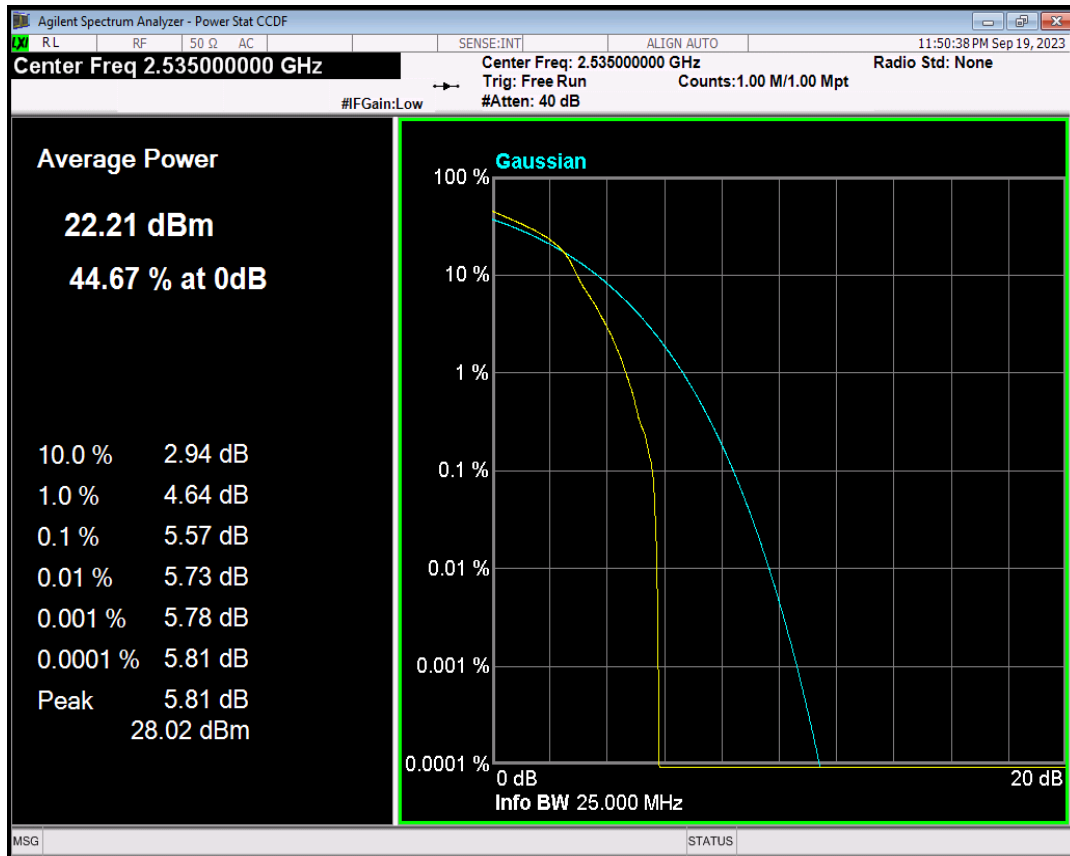




Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0

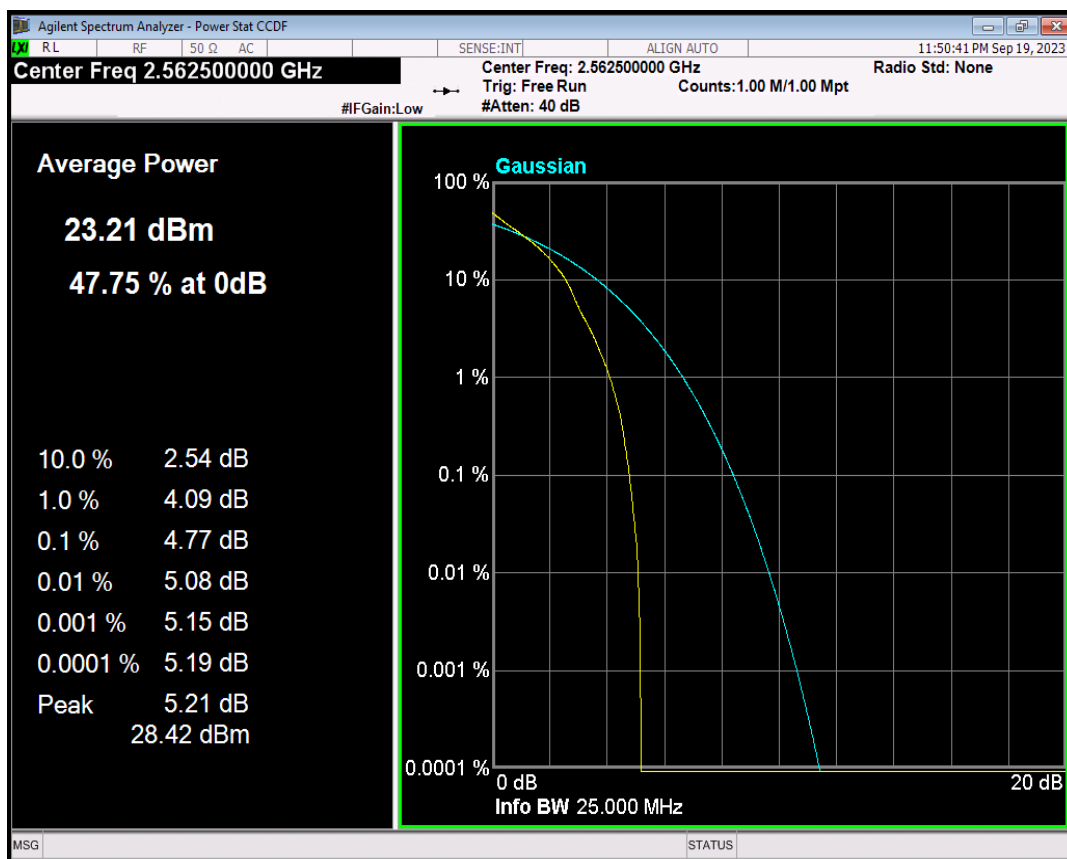


Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0

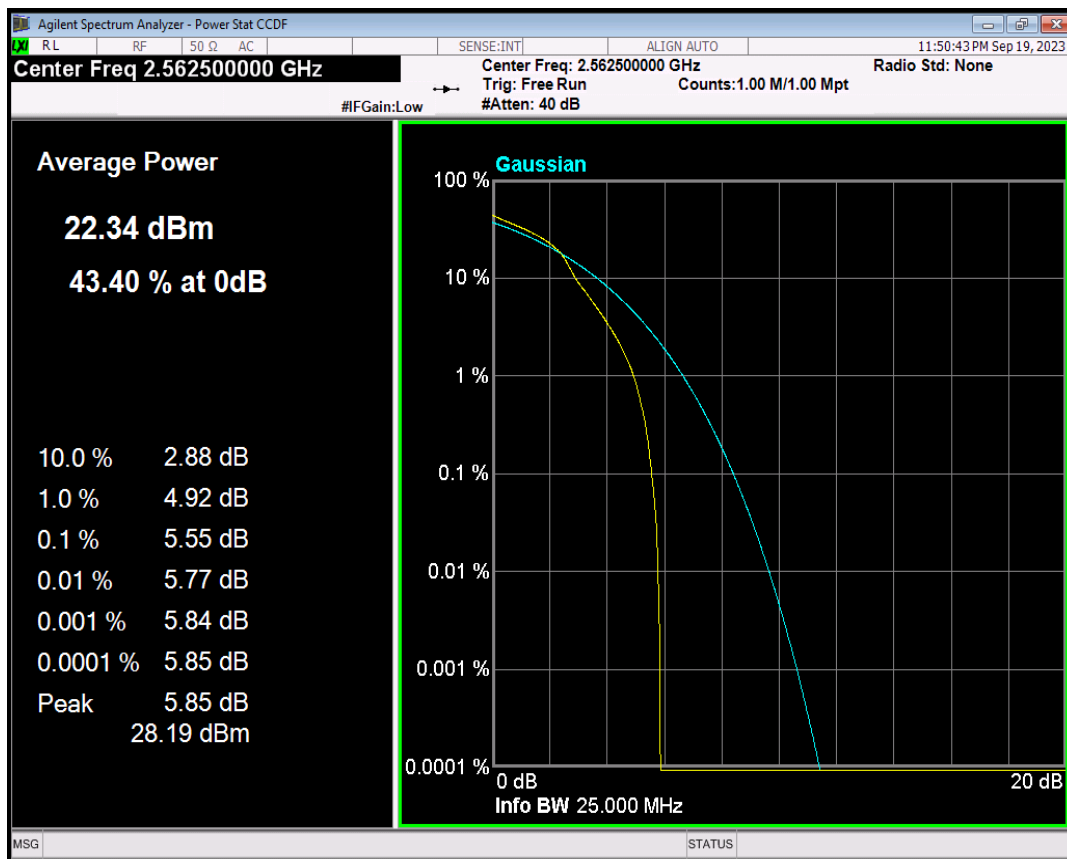




Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0

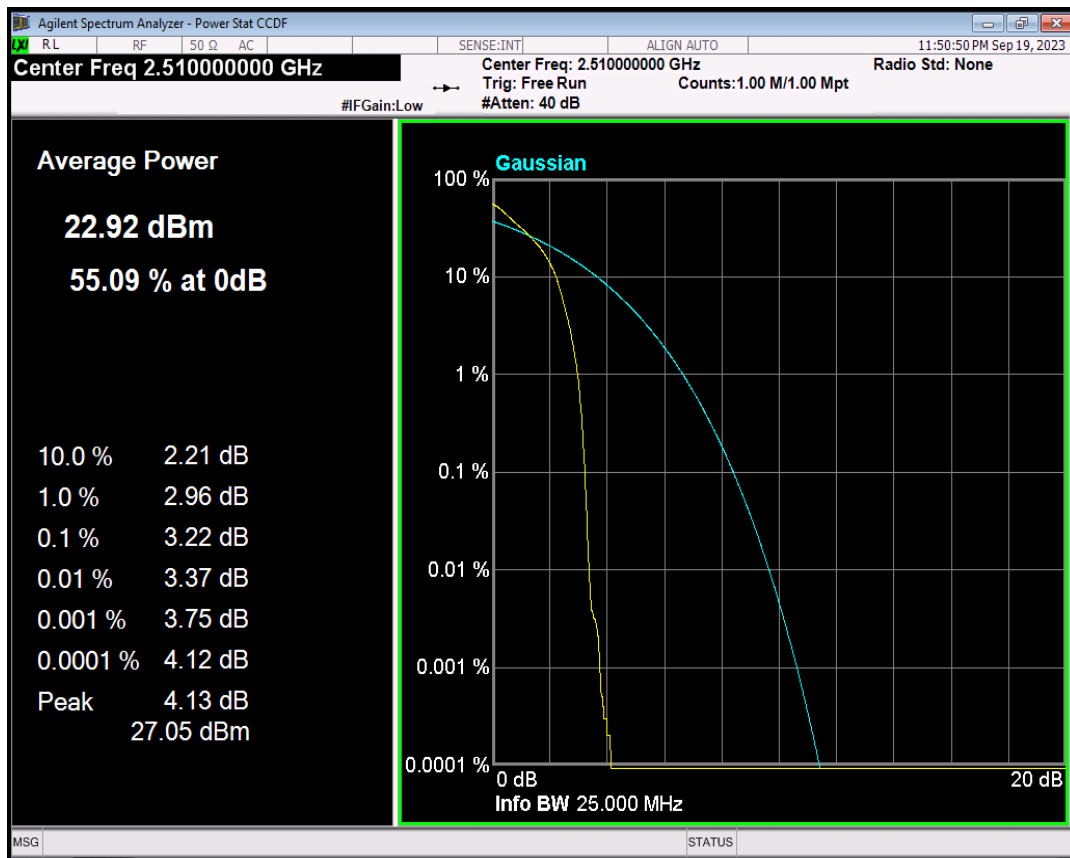


Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0

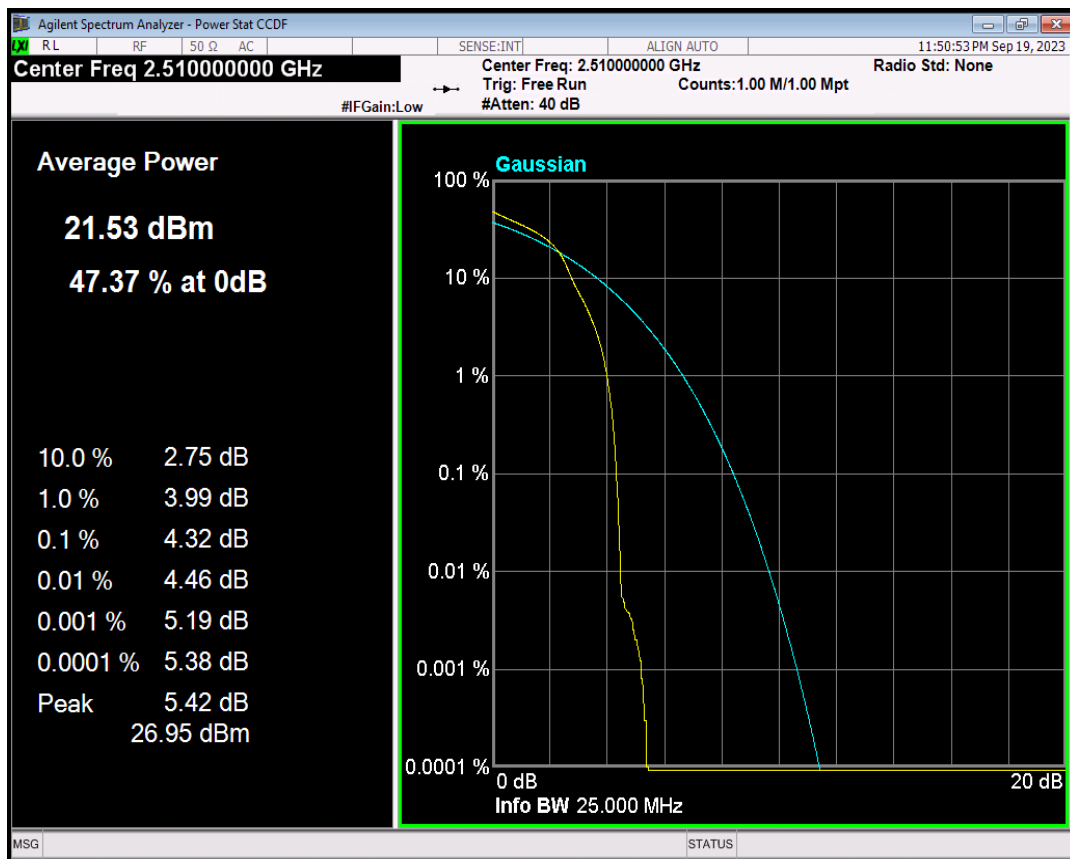




Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0

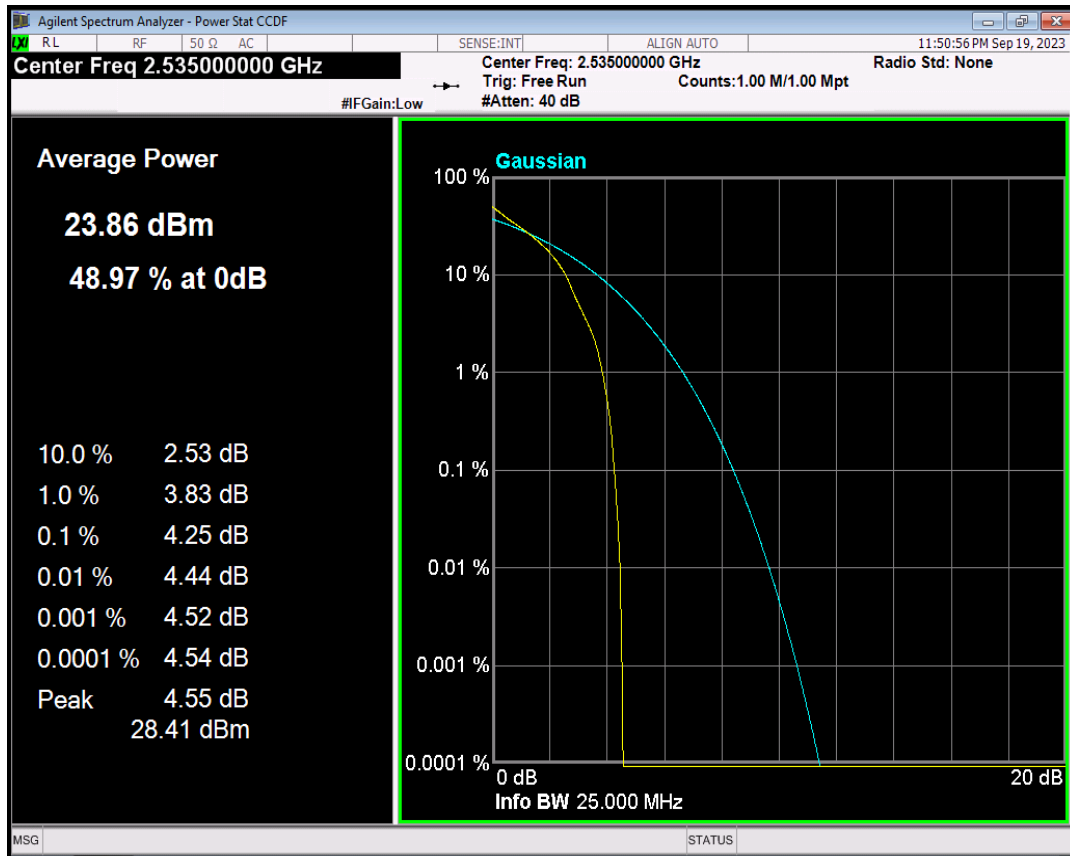


Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0

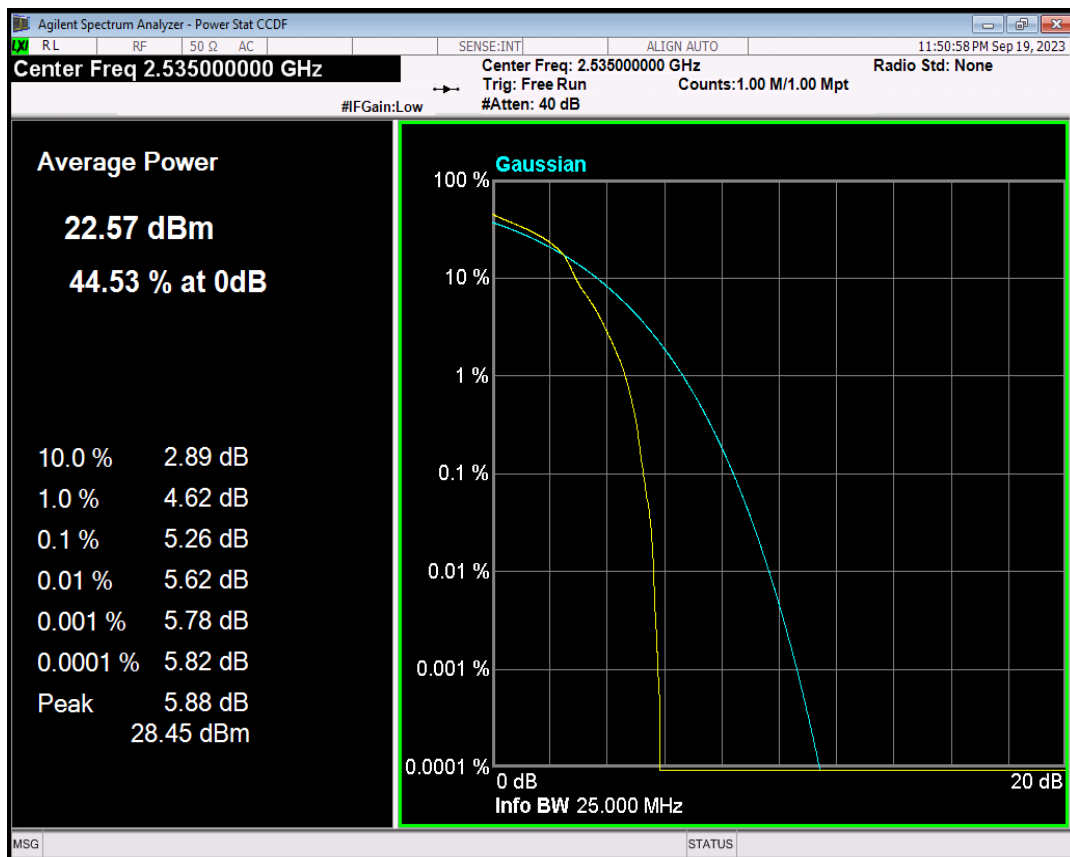




Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0

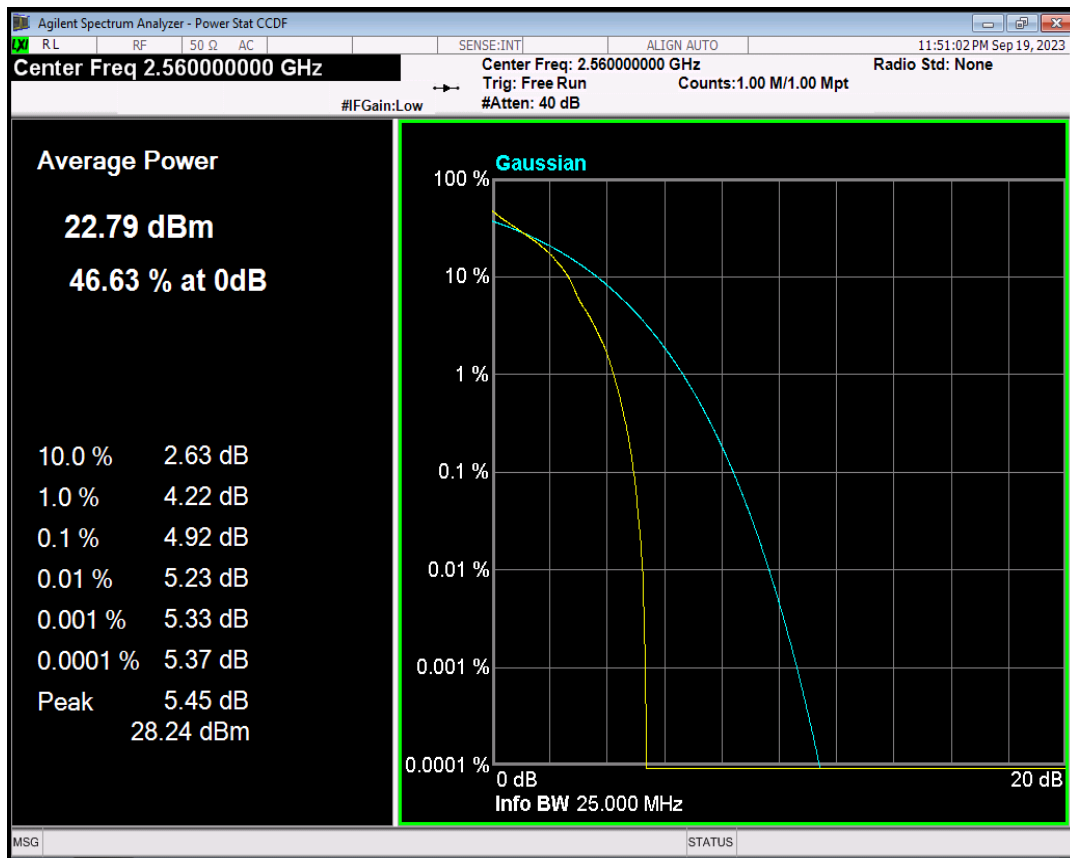


Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0

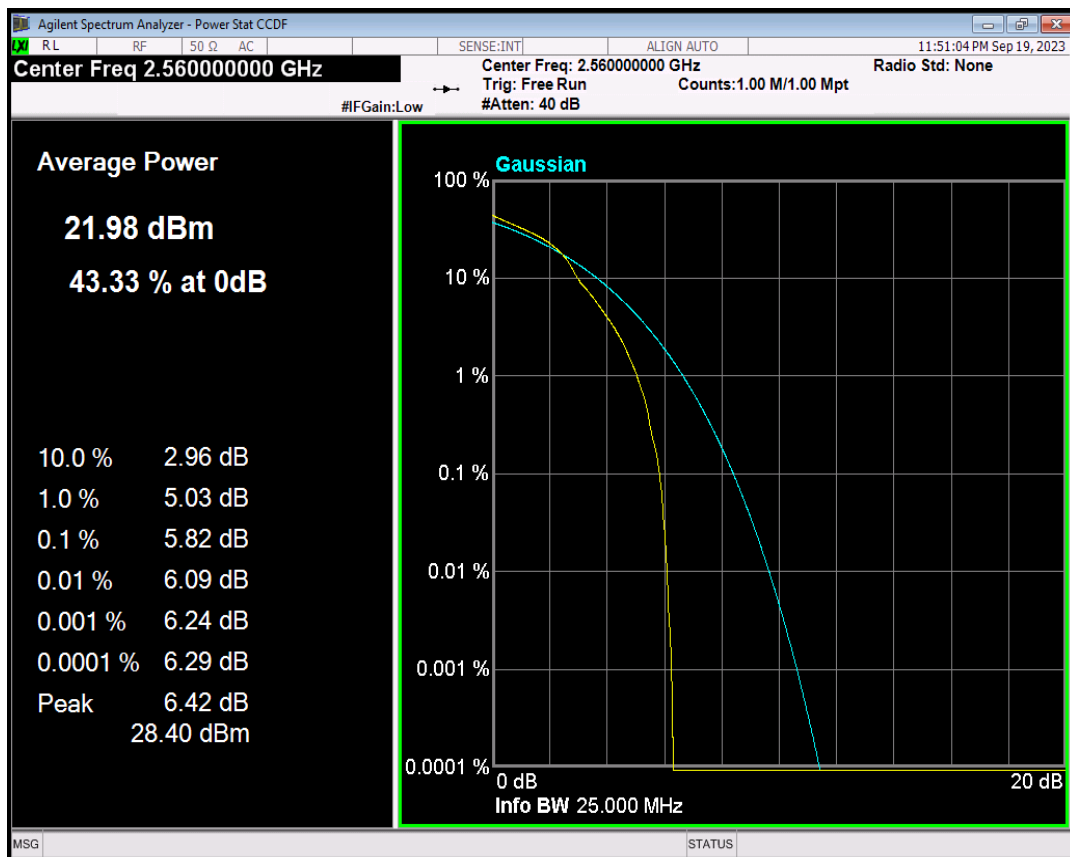




Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



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

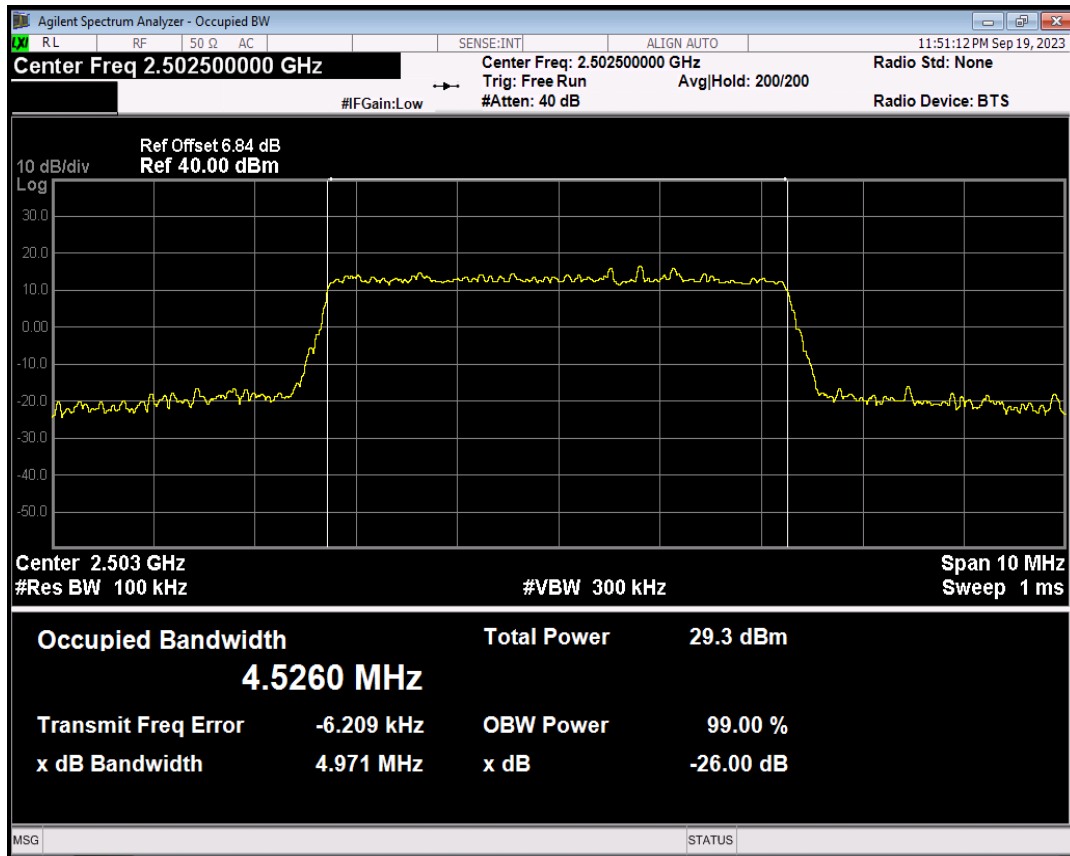


Appendix 4. Occupied bandwidth

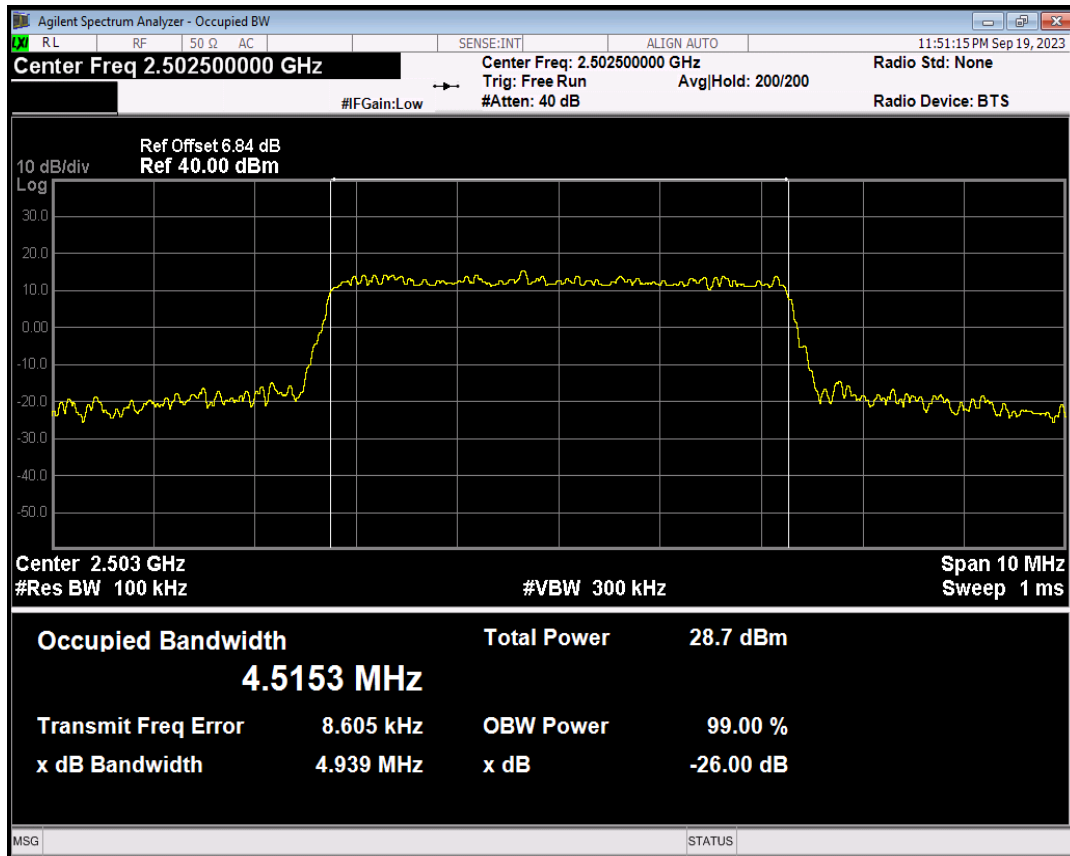
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band7	5	20775	25	#0	QPSK	4.526	4.971	PASS
Band7	5	20775	25	#0	16QAM	4.515	4.939	PASS
Band7	5	21100	25	#0	QPSK	4.515	4.948	PASS
Band7	5	21100	25	#0	16QAM	4.518	5.002	PASS
Band7	5	21425	25	#0	QPSK	4.509	4.980	PASS
Band7	5	21425	25	#0	16QAM	4.545	4.962	PASS
Band7	10	20800	50	#0	QPSK	9.006	9.937	PASS
Band7	10	20800	50	#0	16QAM	8.991	9.774	PASS
Band7	10	21100	50	#0	QPSK	8.984	9.798	PASS
Band7	10	21100	50	#0	16QAM	8.991	9.878	PASS
Band7	10	21400	50	#0	QPSK	9.018	9.934	PASS
Band7	10	21400	50	#0	16QAM	9.014	9.872	PASS
Band7	15	20825	75	#0	QPSK	13.483	14.927	PASS
Band7	15	20825	75	#0	16QAM	13.498	14.798	PASS
Band7	15	21100	75	#0	QPSK	13.473	14.827	PASS
Band7	15	21100	75	#0	16QAM	13.479	14.873	PASS
Band7	15	21375	75	#0	QPSK	13.506	14.907	PASS
Band7	15	21375	75	#0	16QAM	13.505	14.797	PASS
Band7	20	20850	100	#0	QPSK	18.037	19.514	PASS
Band7	20	20850	100	#0	16QAM	18.012	19.800	PASS
Band7	20	21100	100	#0	QPSK	18.032	19.696	PASS
Band7	20	21100	100	#0	16QAM	18.022	19.638	PASS
Band7	20	21350	100	#0	QPSK	17.981	19.606	PASS
Band7	20	21350	100	#0	16QAM	17.917	19.535	PASS



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

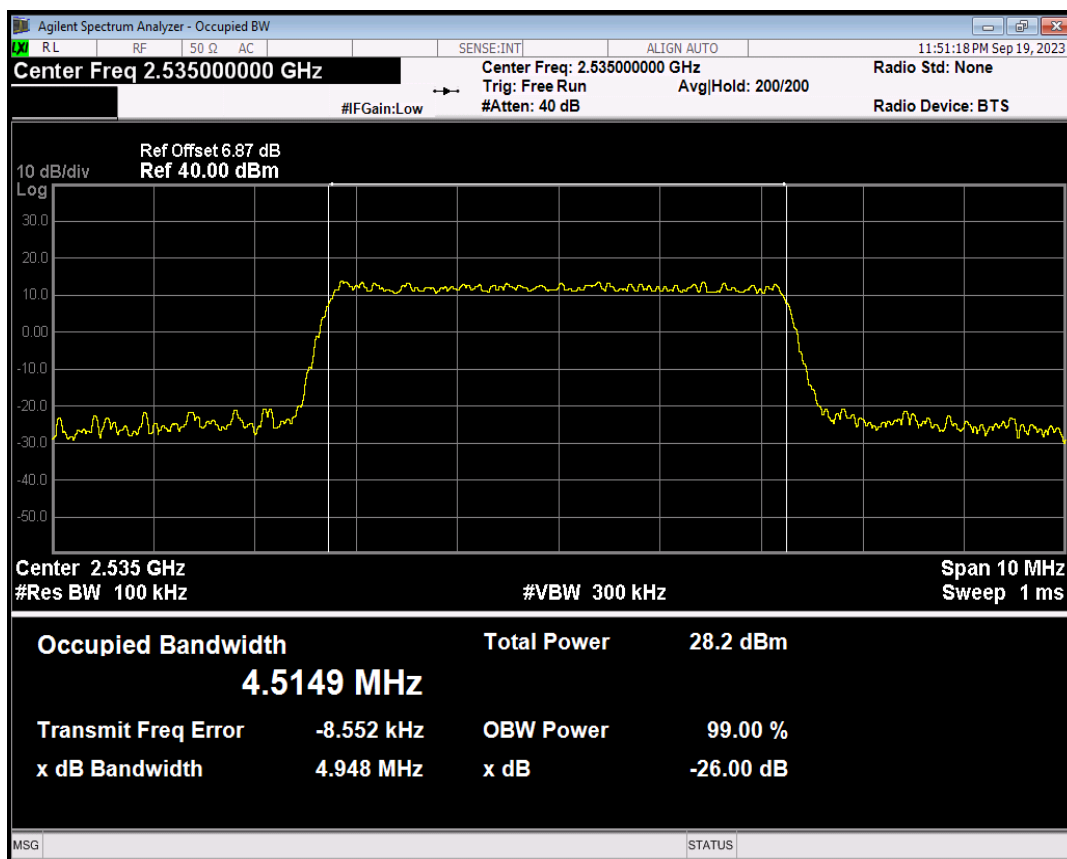


Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0

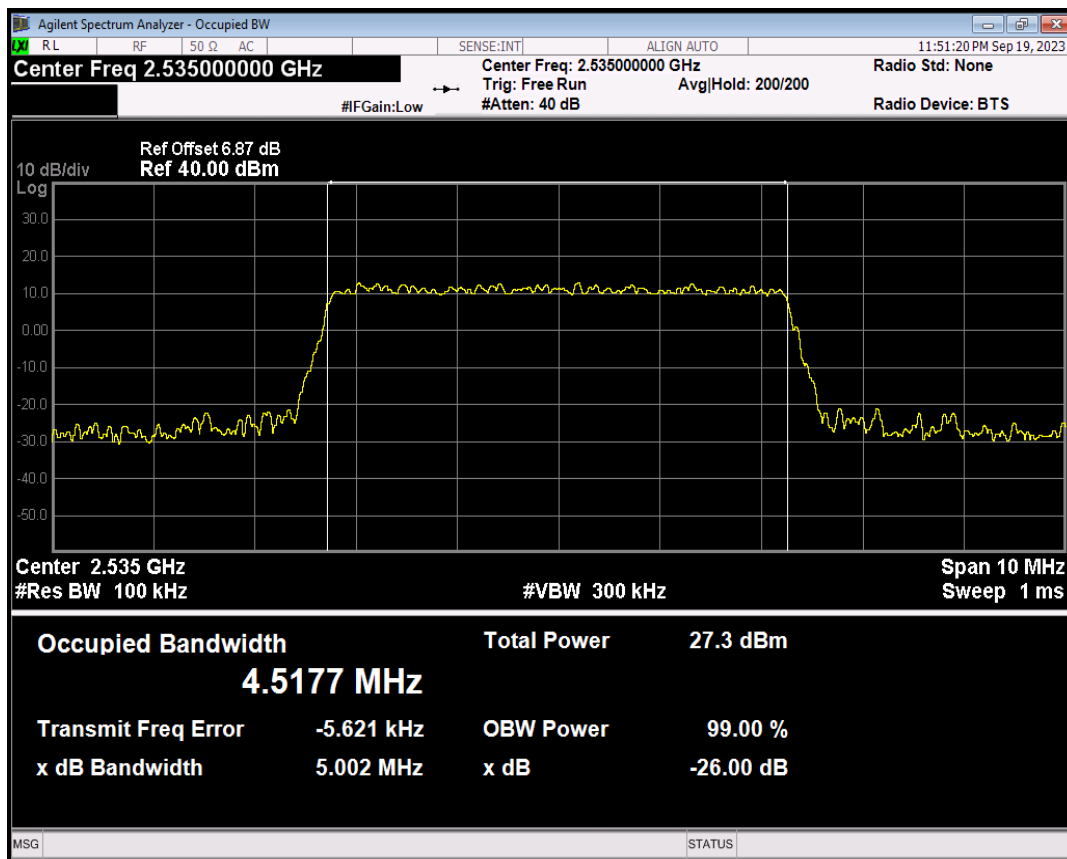




Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0

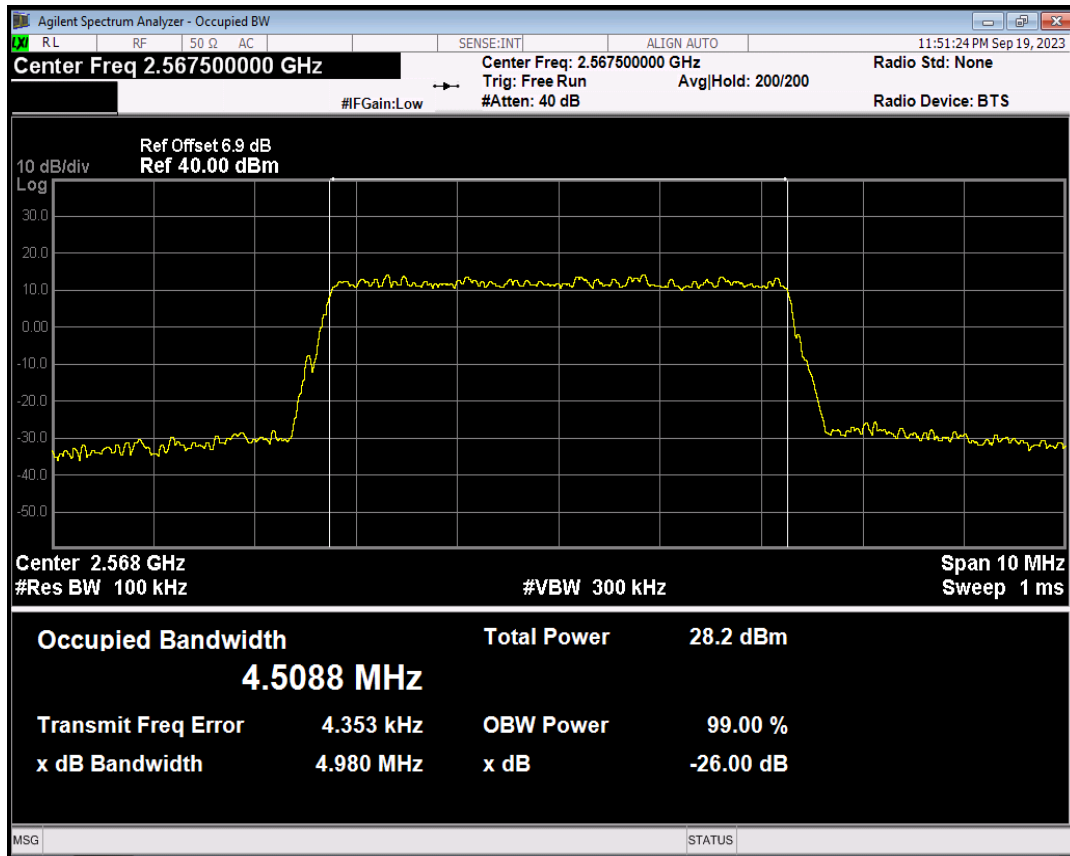


Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0

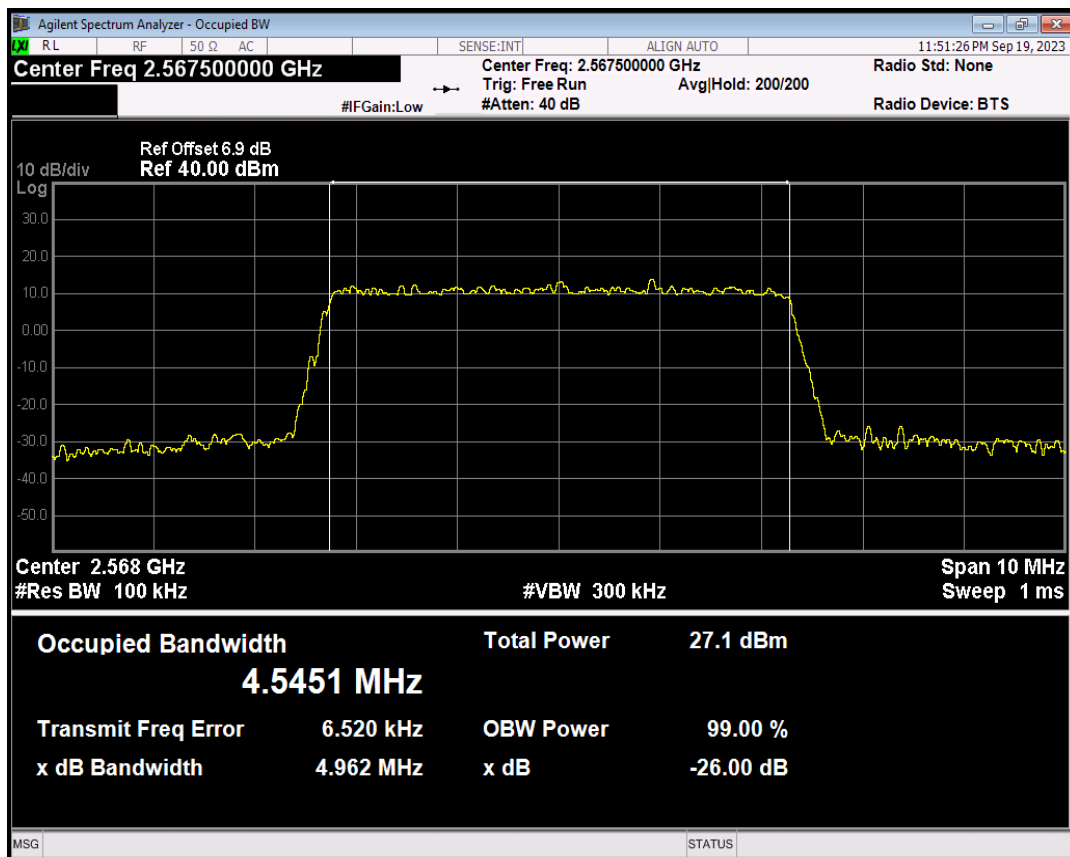




Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0

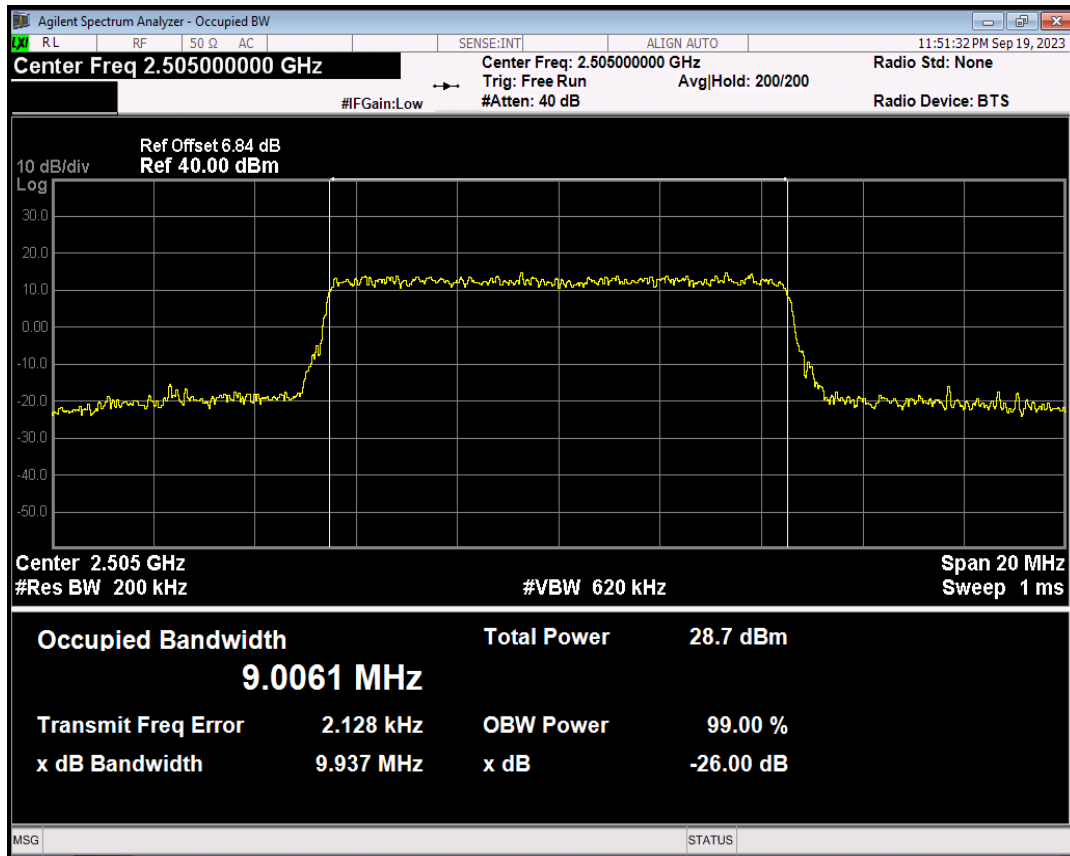


Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0

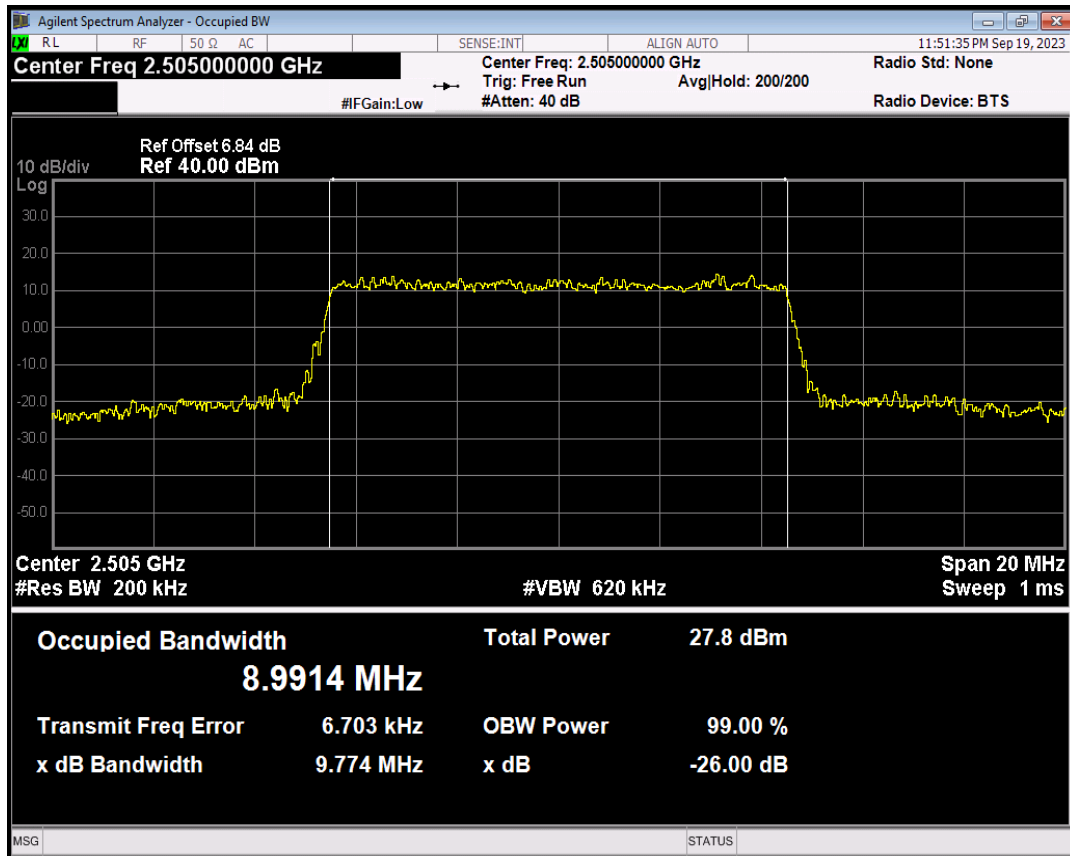




Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0

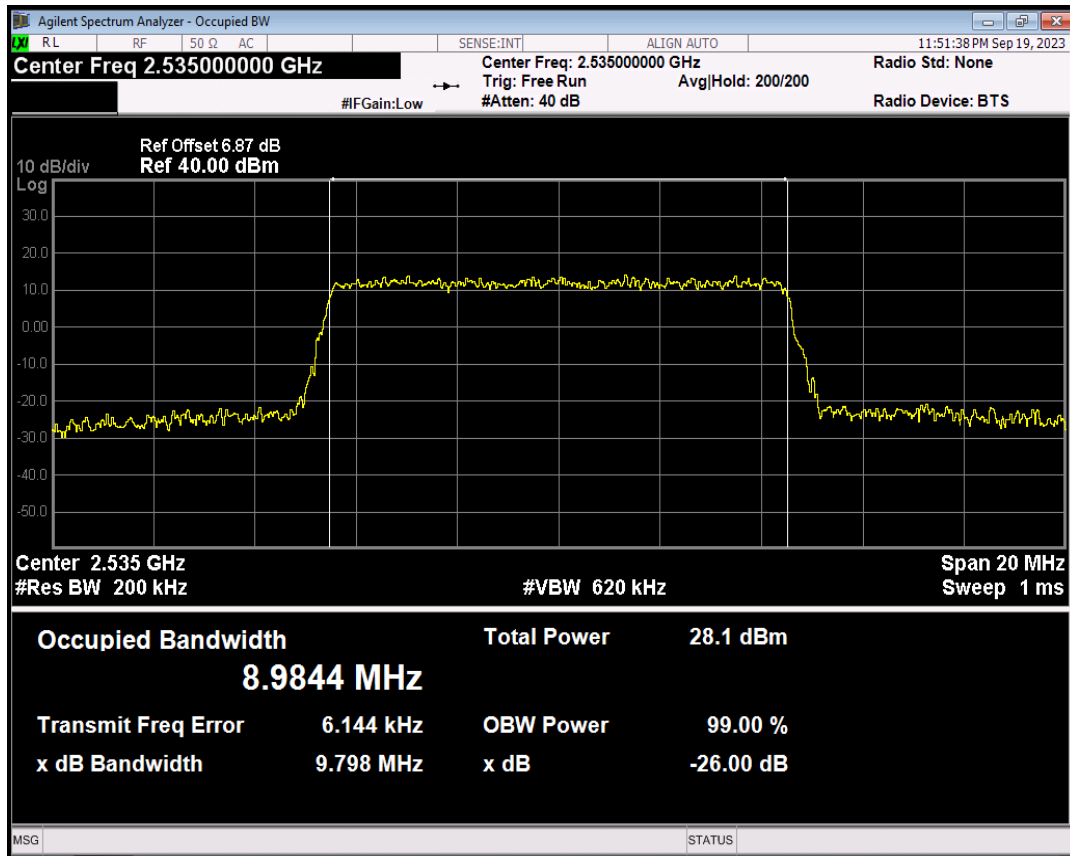


Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0

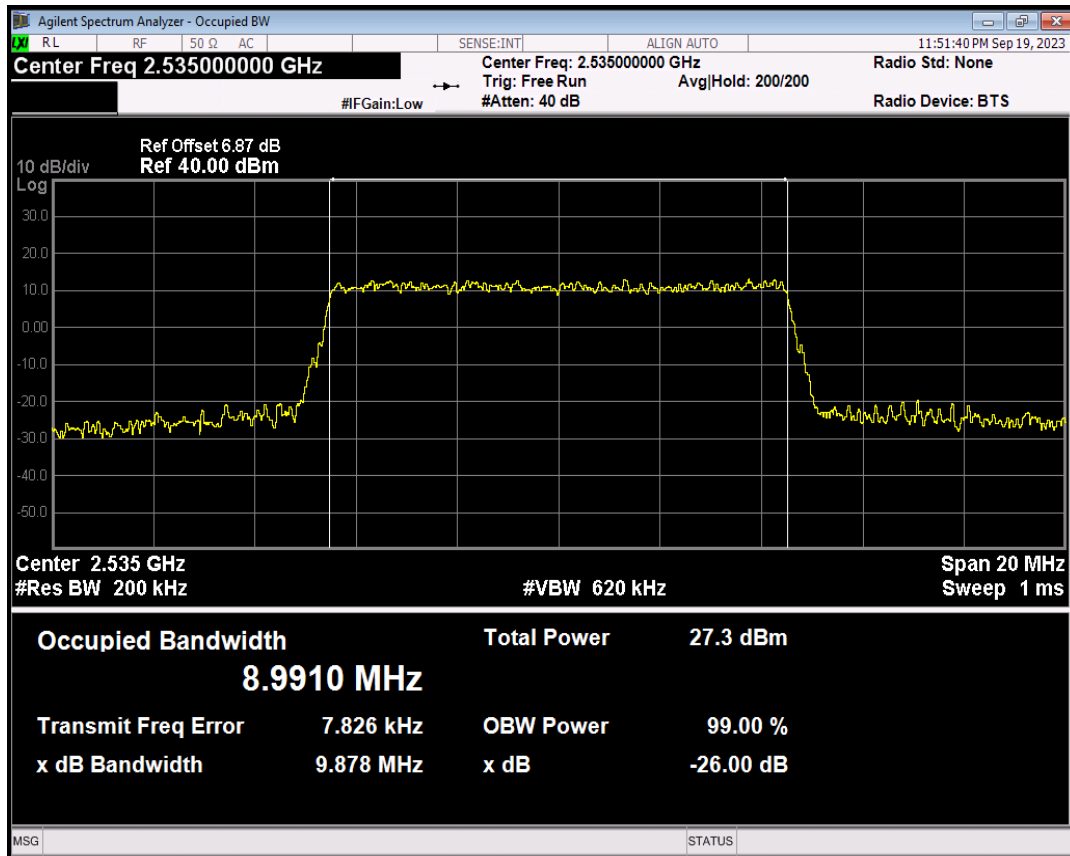




Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0

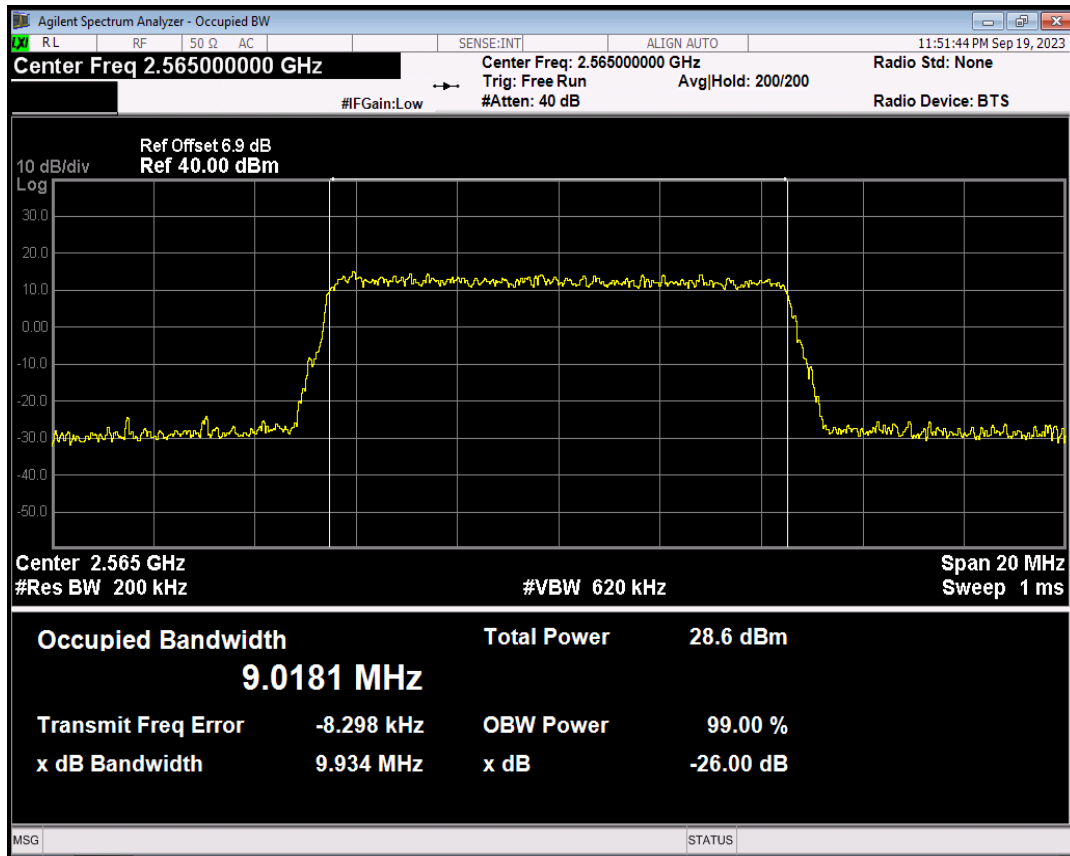


Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0

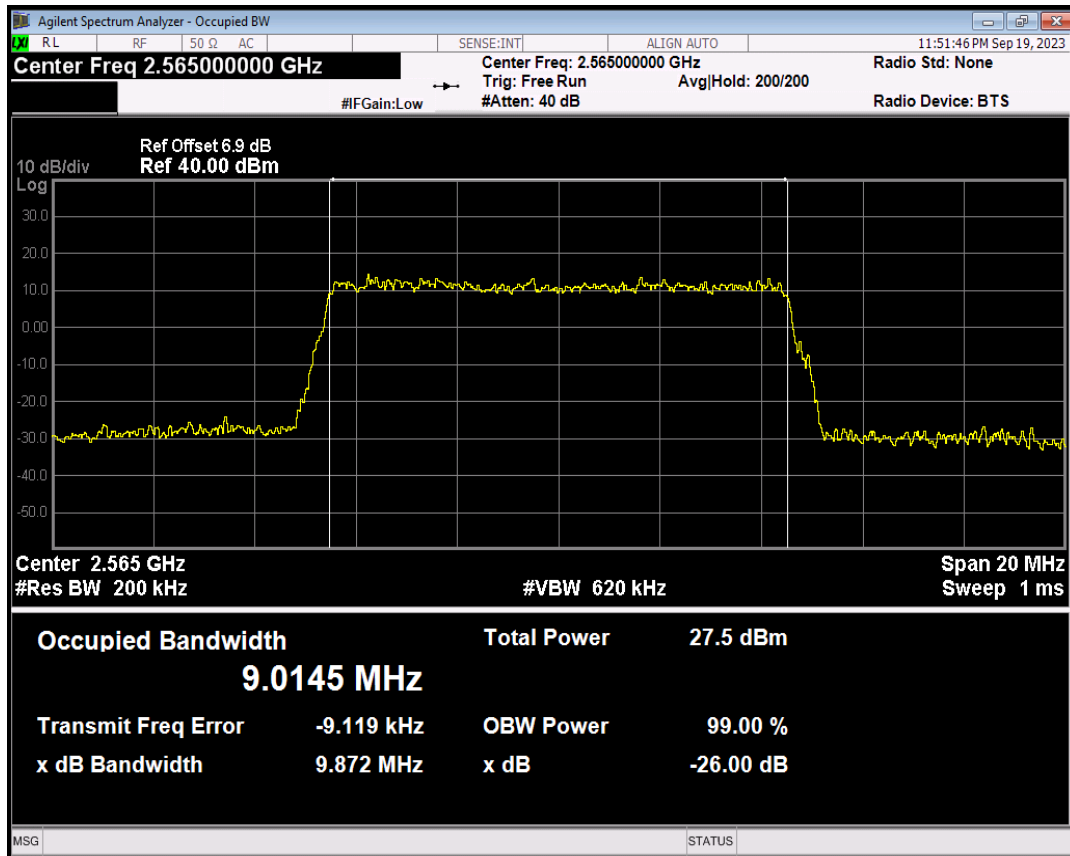




Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0

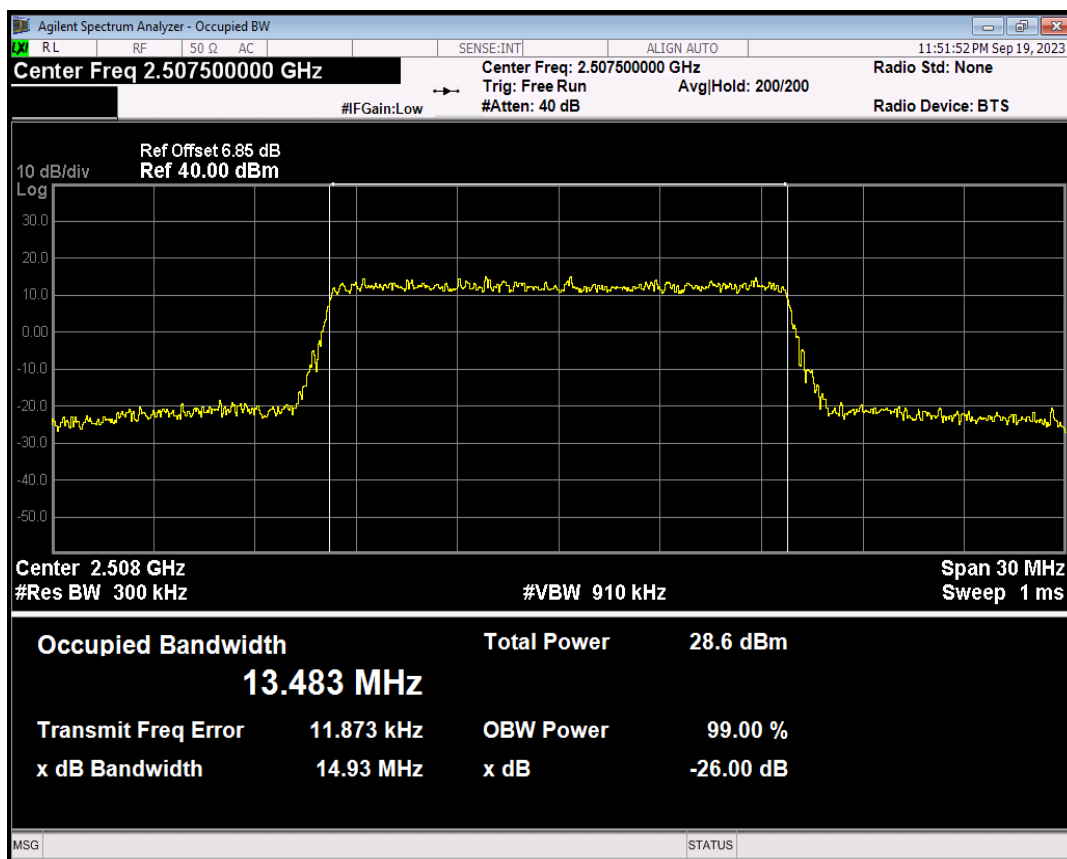


Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0

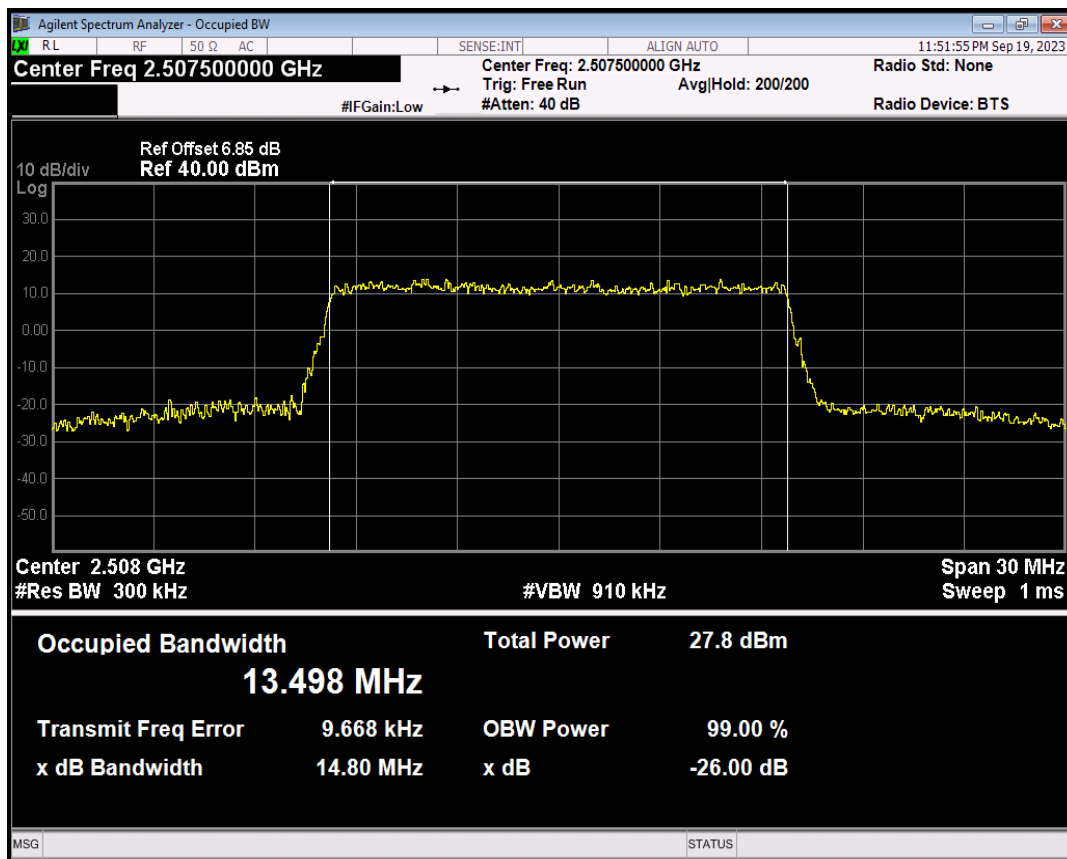




Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0

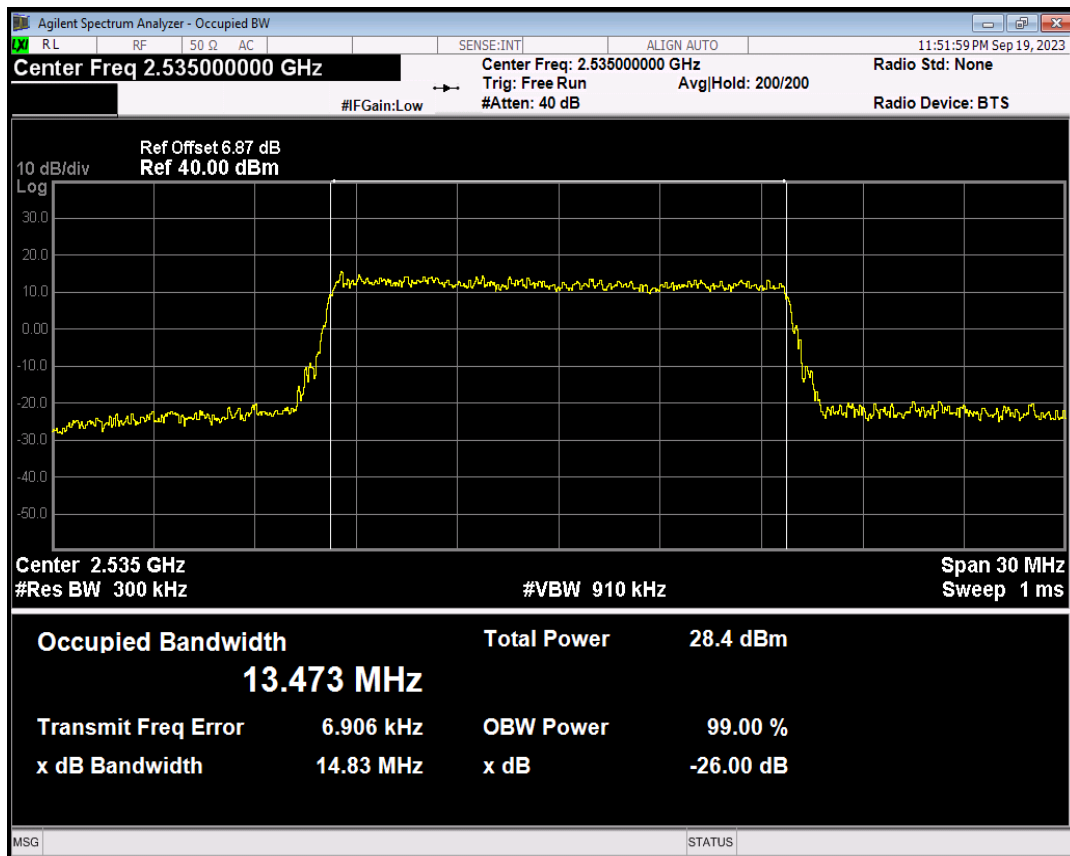


Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0

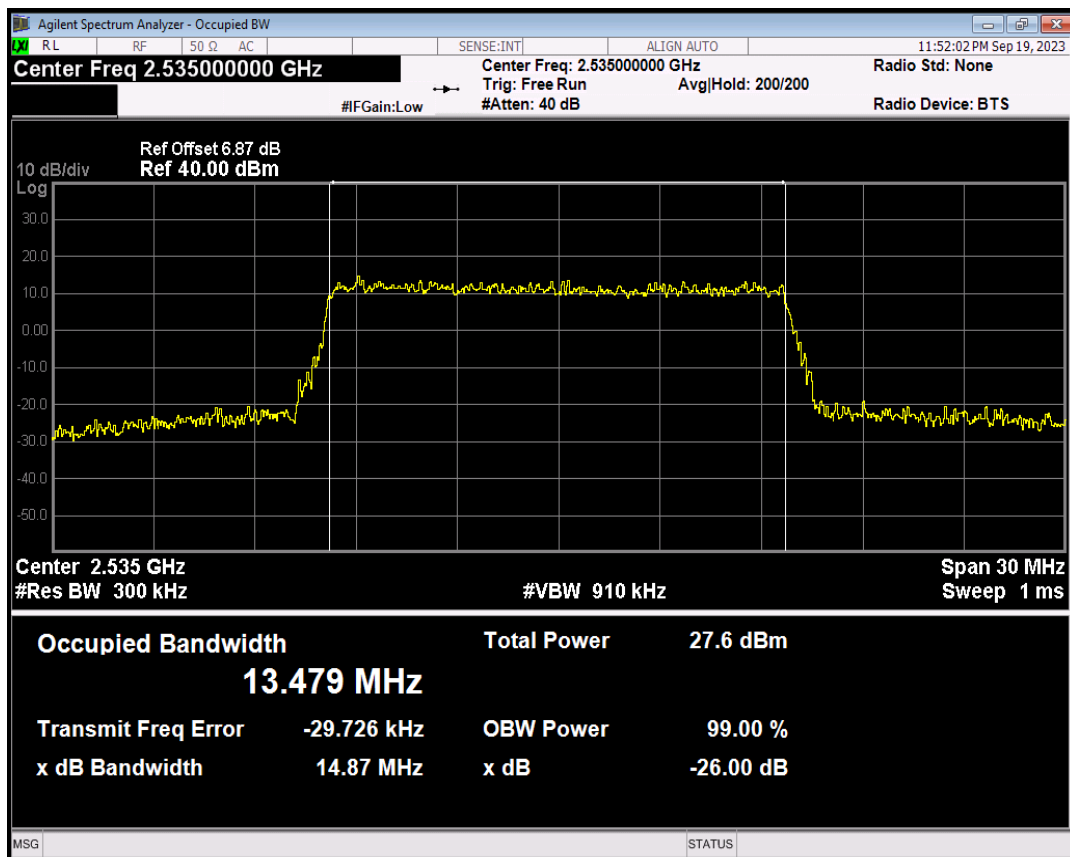




Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0

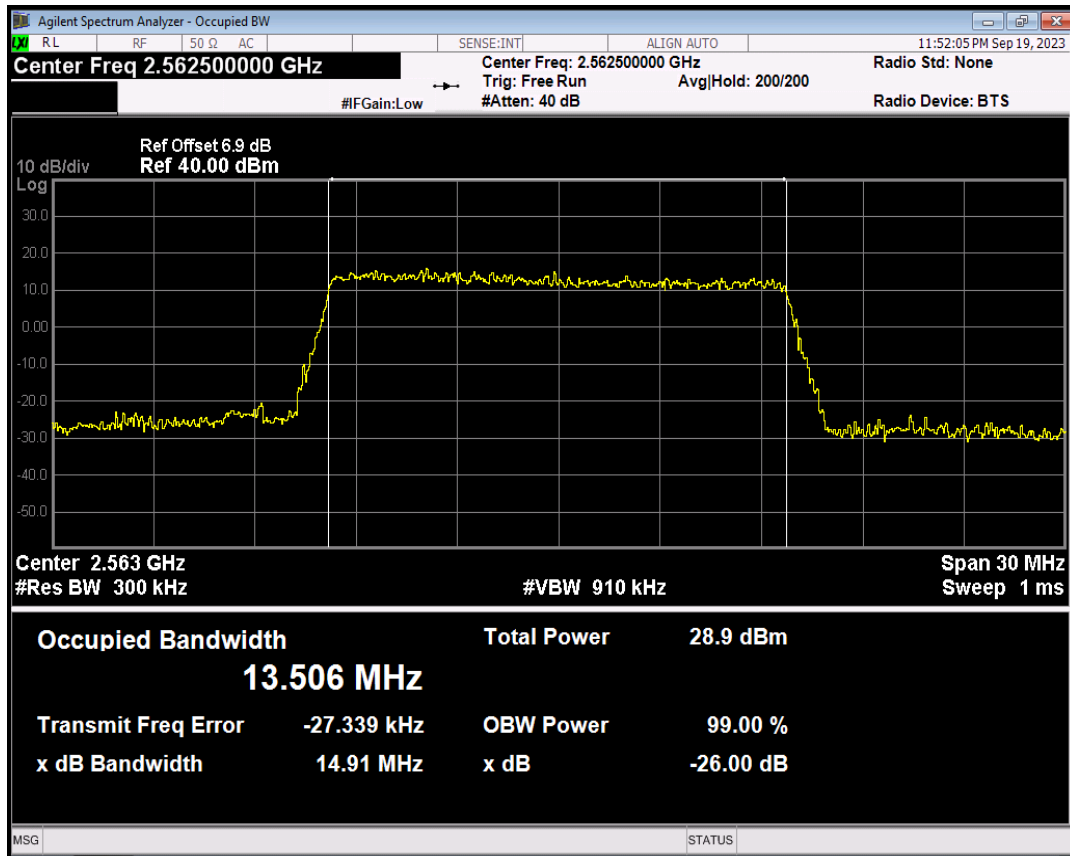


Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0

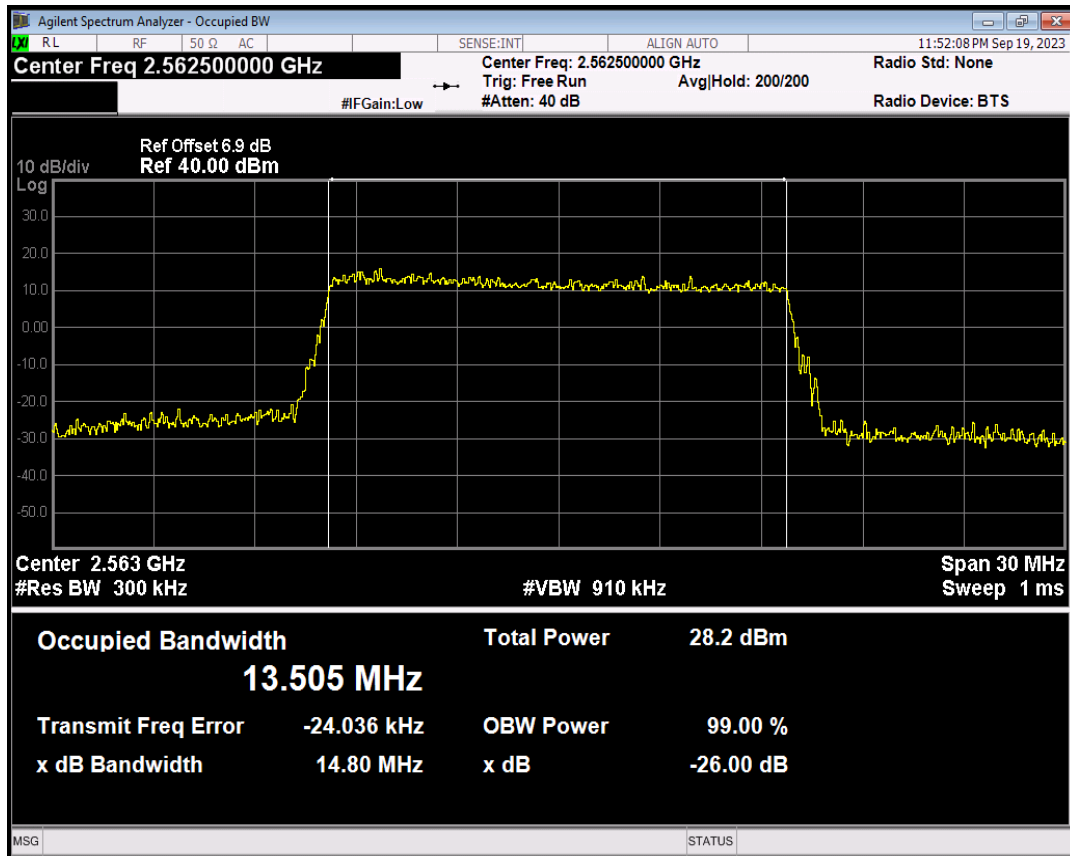




Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0

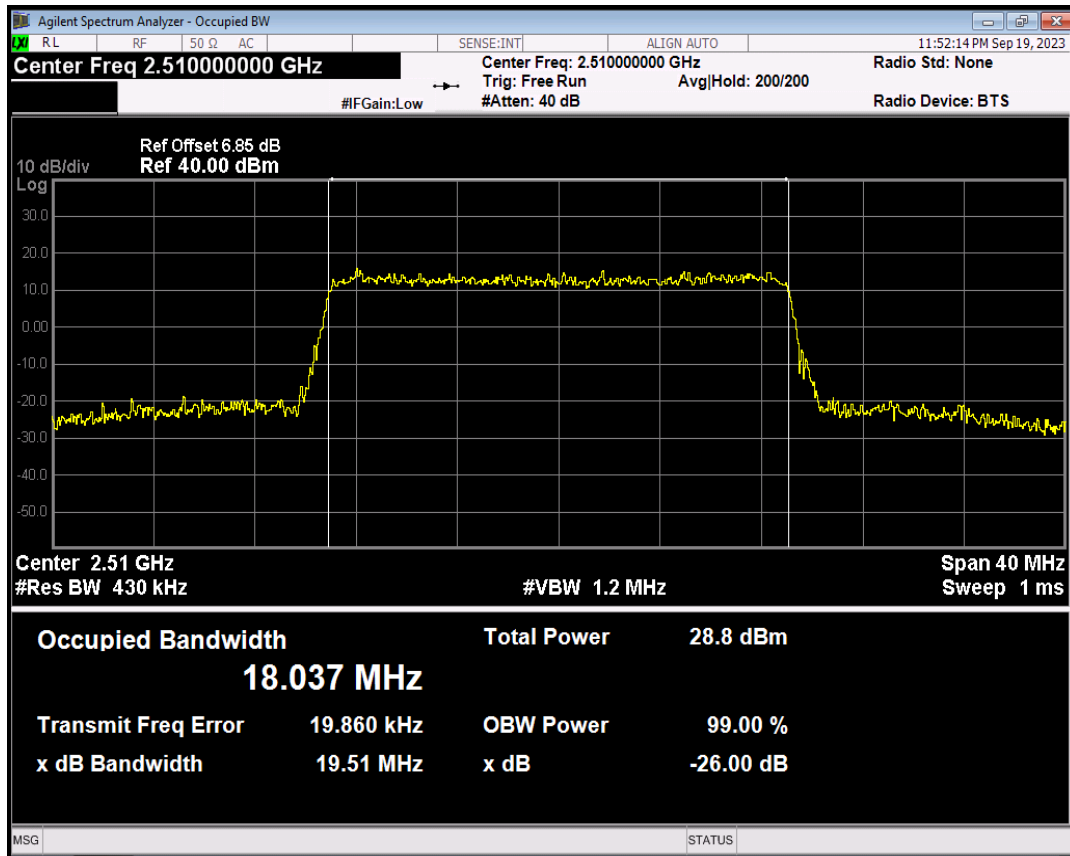


Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0

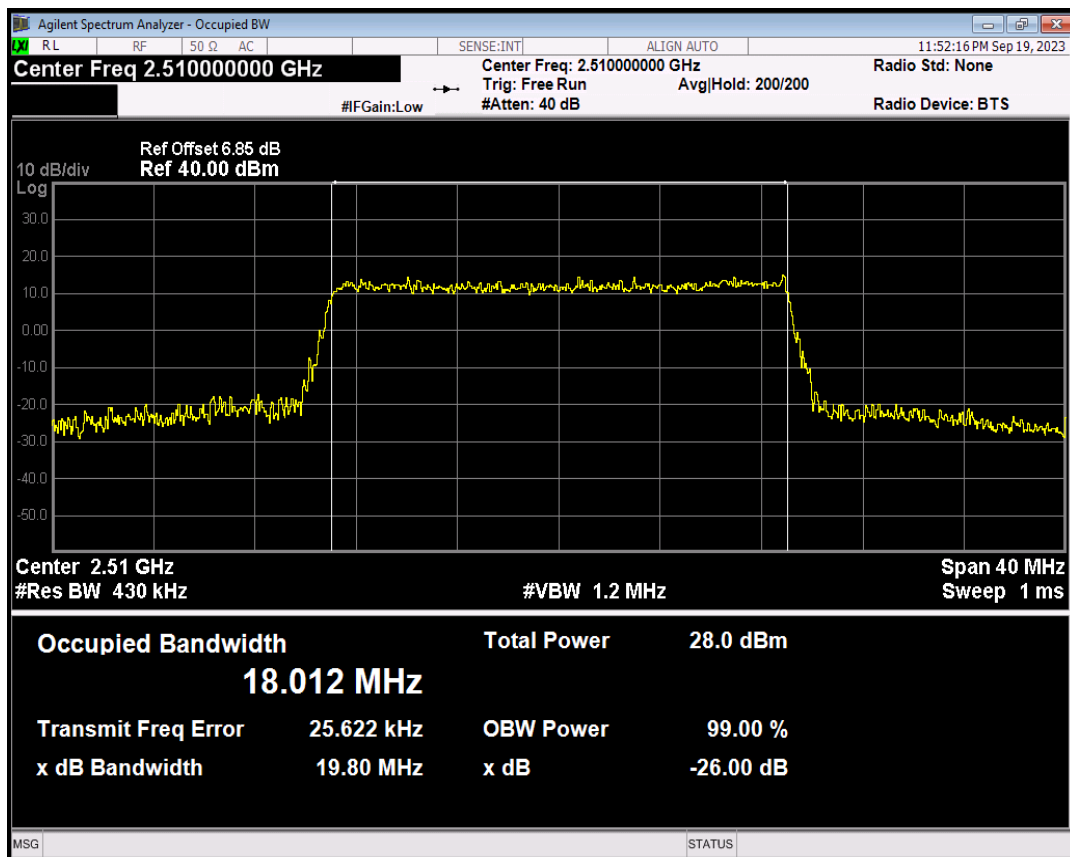




Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0

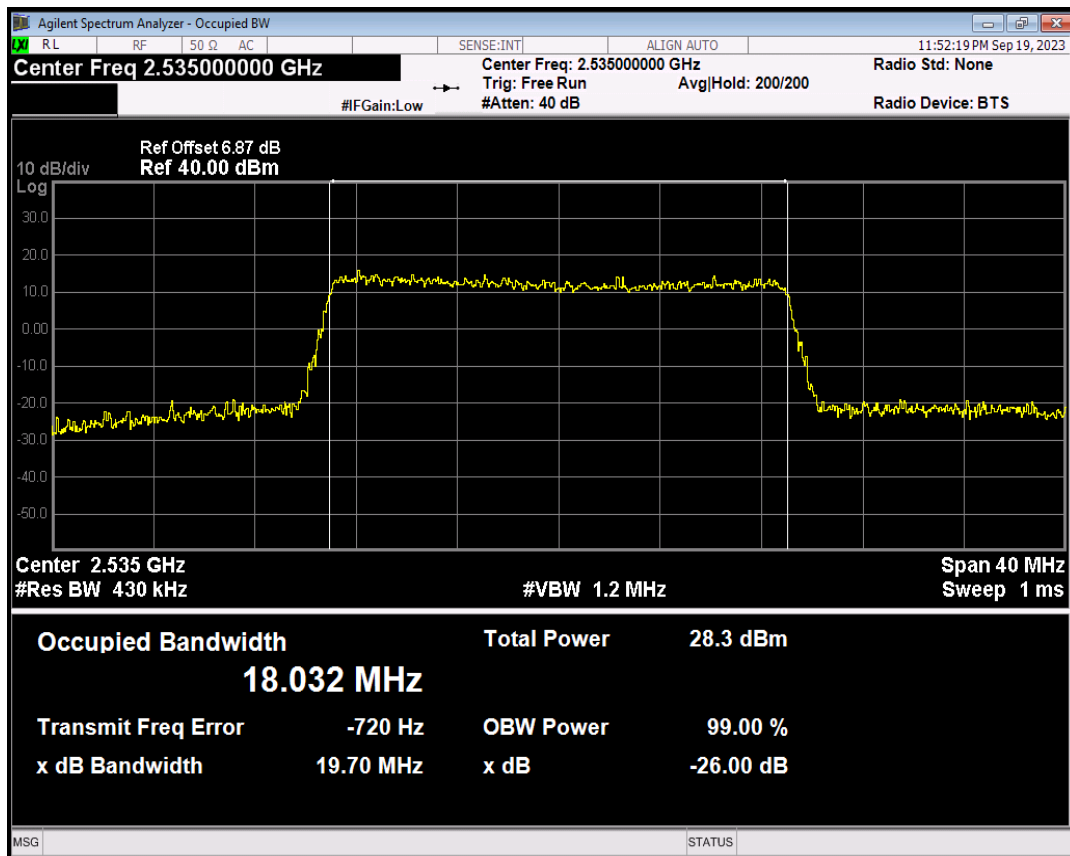


Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0

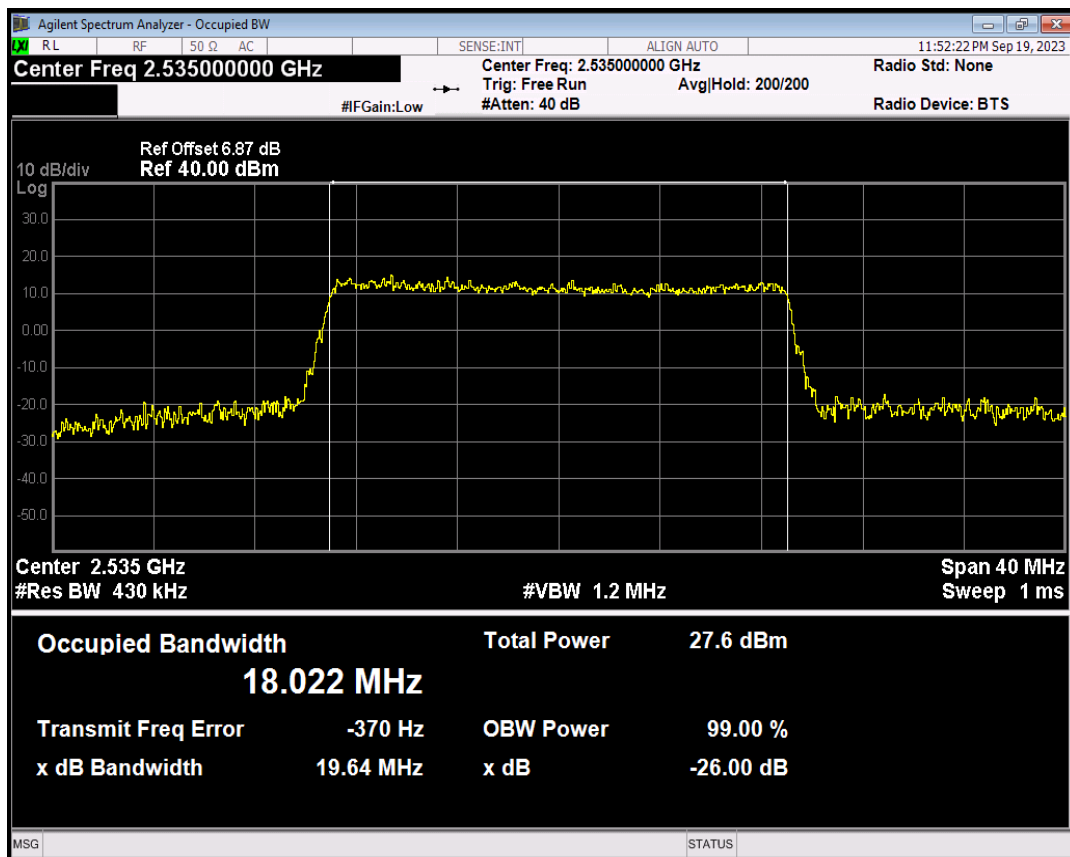




Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0

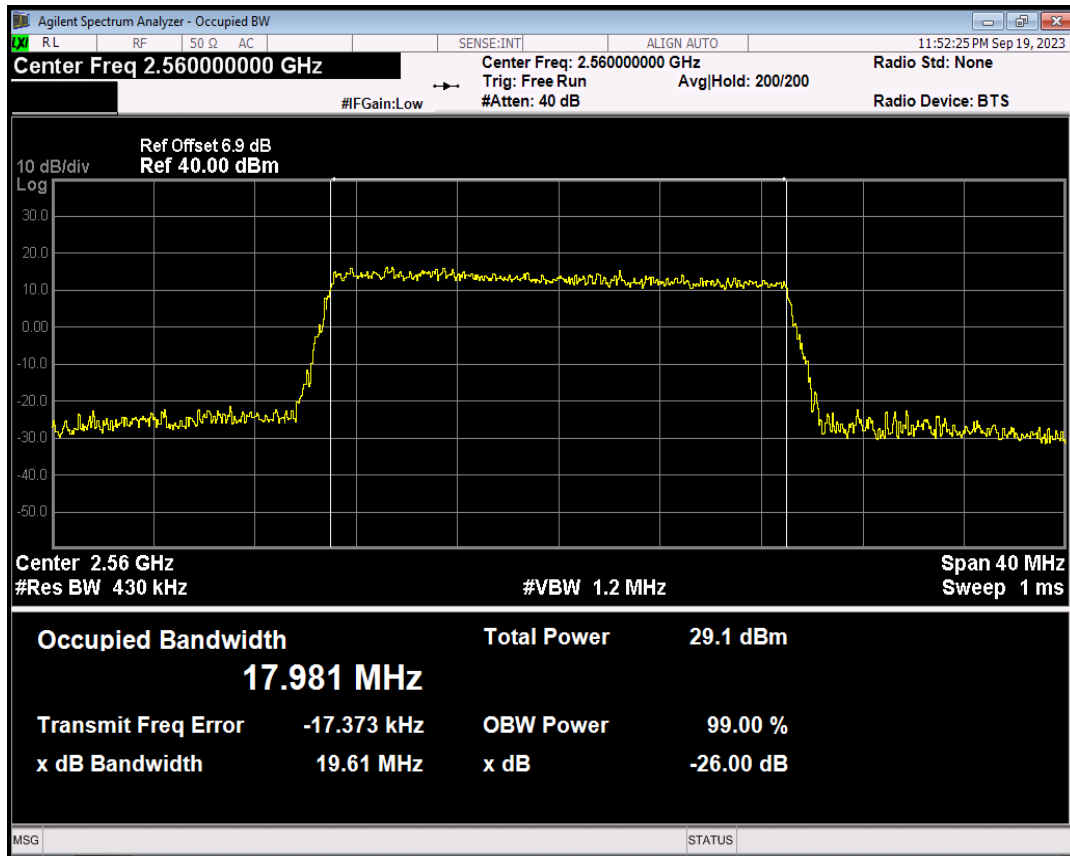


Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0

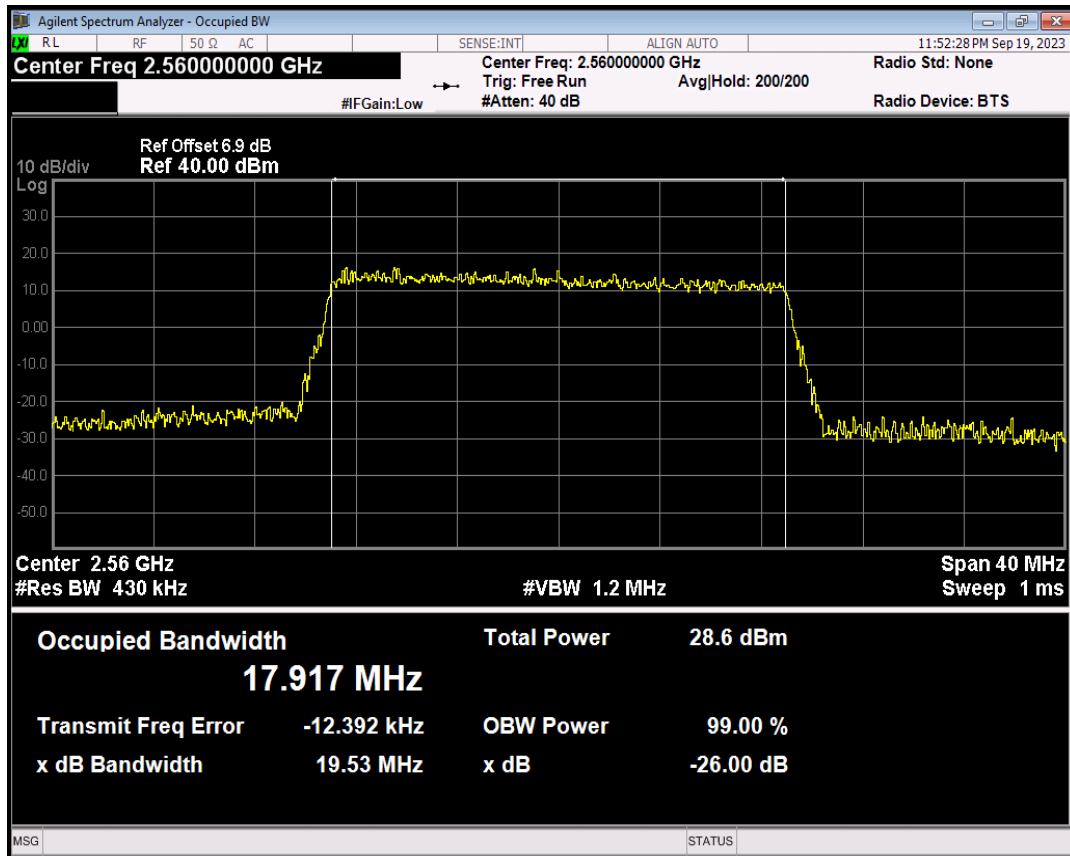




Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



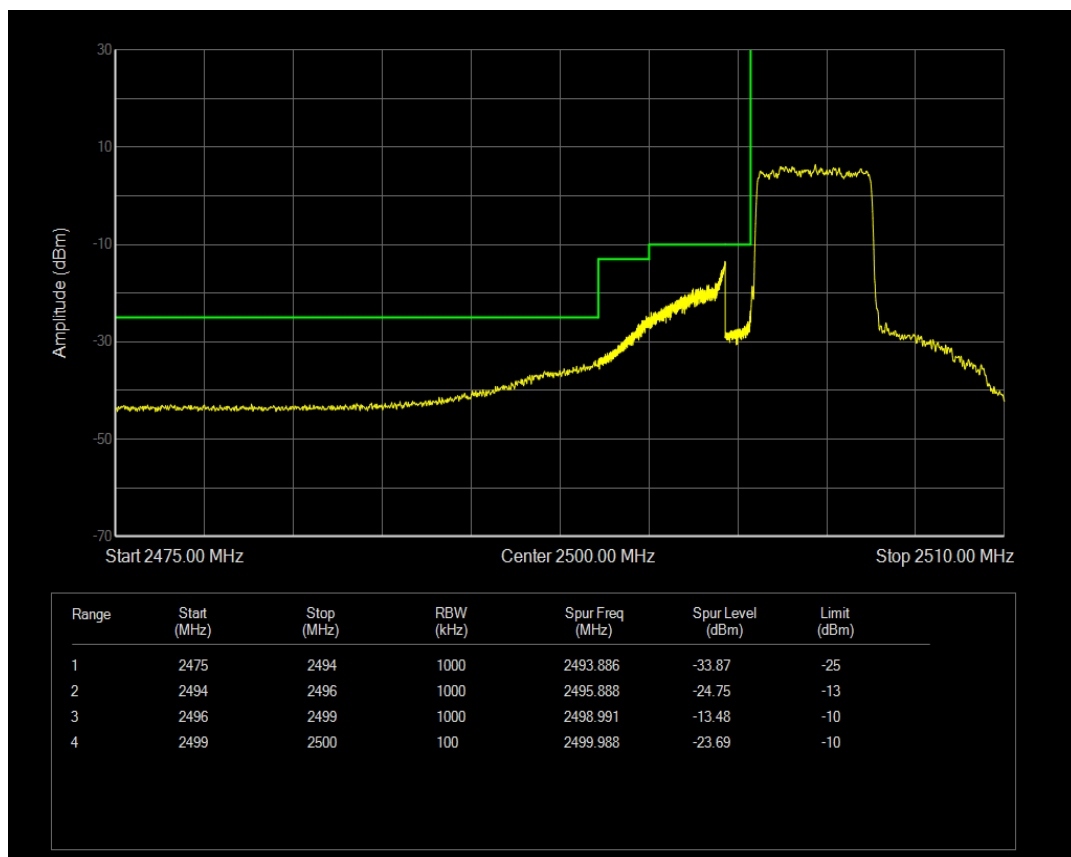
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0



Appendix 5. Band edge

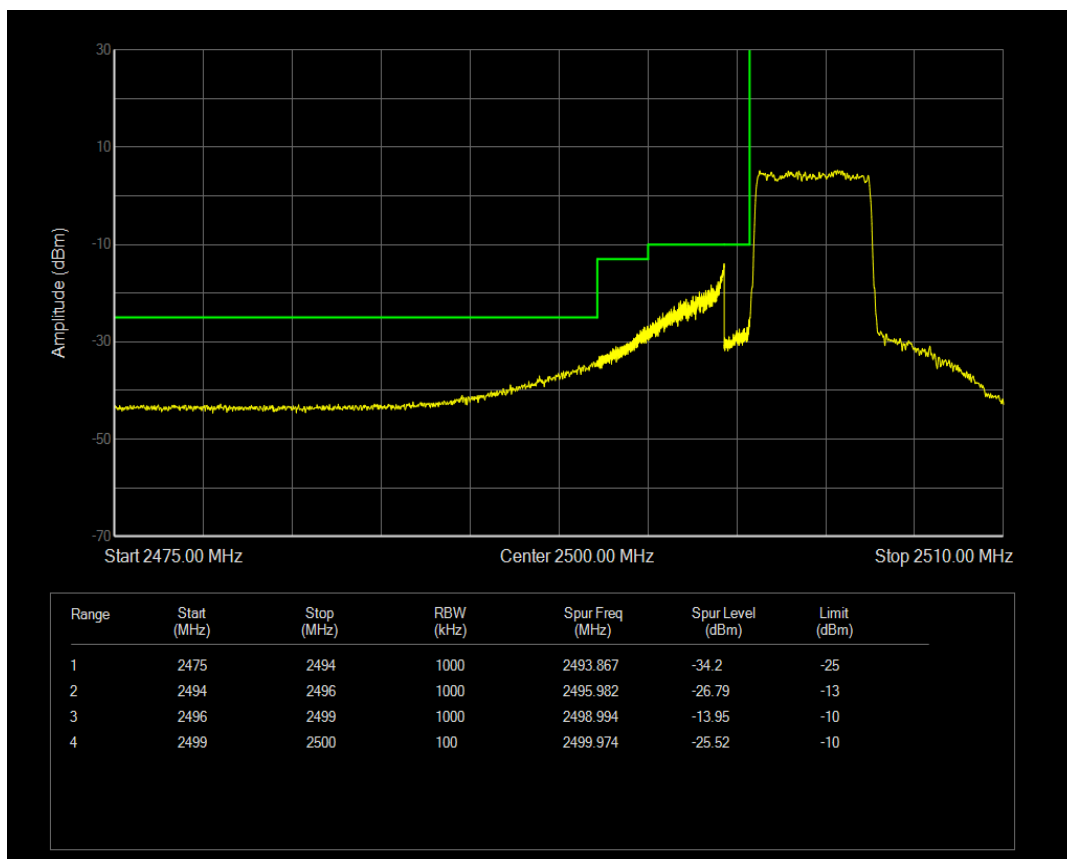
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	2498.99	-13.48	-10	PASS
Band7	5	20775	25	#0	16QAM	2498.99	-13.95	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.00	-15.81	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.01	-17.29	-10	PASS
Band7	10	20800	50	#0	QPSK	2489.87	-33.35	-25	PASS
Band7	10	20800	50	#0	16QAM	2489.99	-35.26	-25	PASS
Band7	10	21400	50	#0	QPSK	2580.03	-37.25	-25	PASS
Band7	10	21400	50	#0	16QAM	2580.27	-36.90	-25	PASS
Band7	15	20825	75	#0	QPSK	2495.90	-24.19	-13	PASS
Band7	15	20825	75	#0	16QAM	2484.95	-38.70	-25	PASS
Band7	15	21375	75	#0	QPSK	2585.18	-38.64	-25	PASS
Band7	15	21375	75	#0	16QAM	2585.13	-38.40	-25	PASS
Band7	20	20850	100	#0	QPSK	2495.87	-27.36	-13	PASS
Band7	20	20850	100	#0	16QAM	2495.60	-28.89	-13	PASS
Band7	20	21350	100	#0	QPSK	2590.03	-41.04	-25	PASS
Band7	20	21350	100	#0	16QAM	2590.68	-41.08	-25	PASS

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

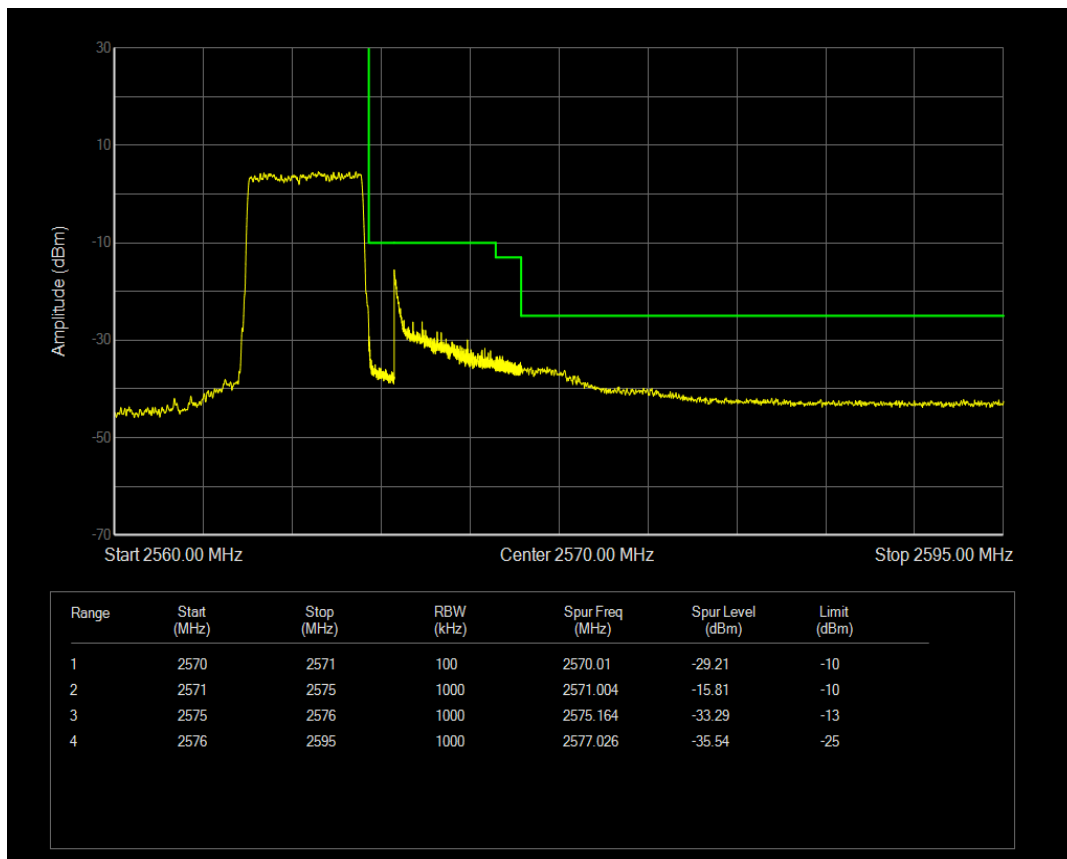




Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0

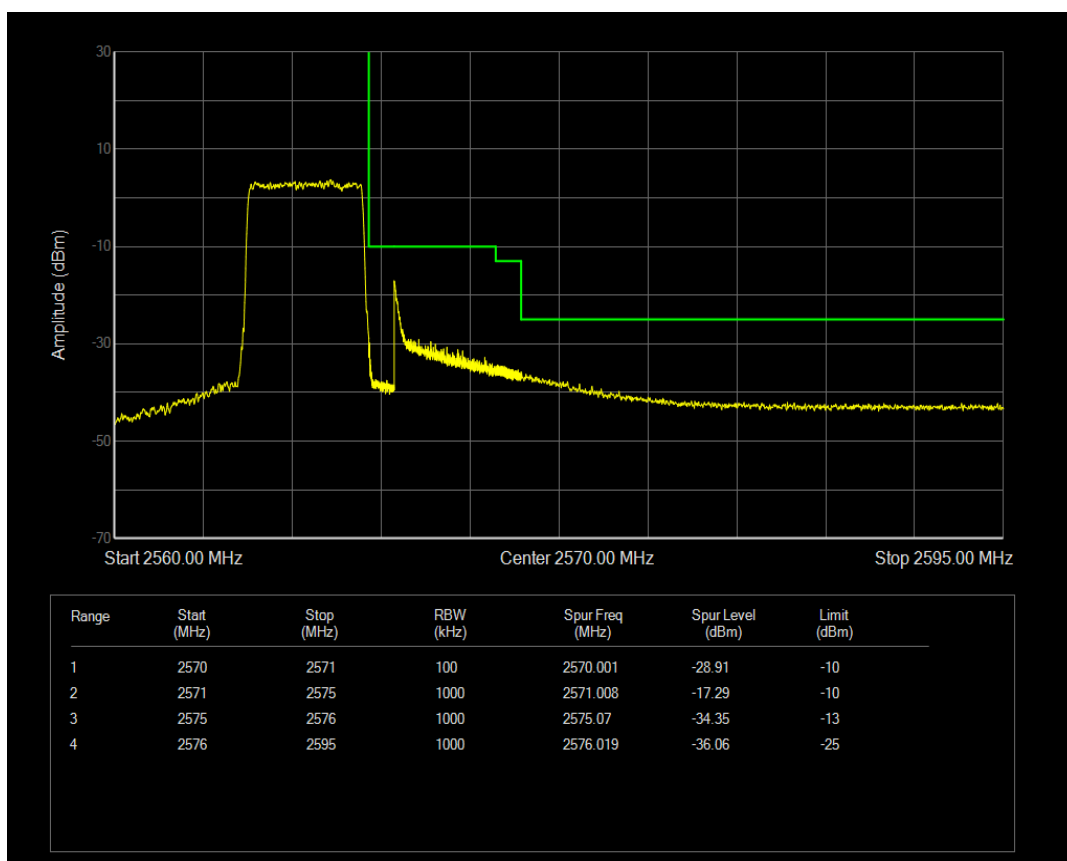


Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0

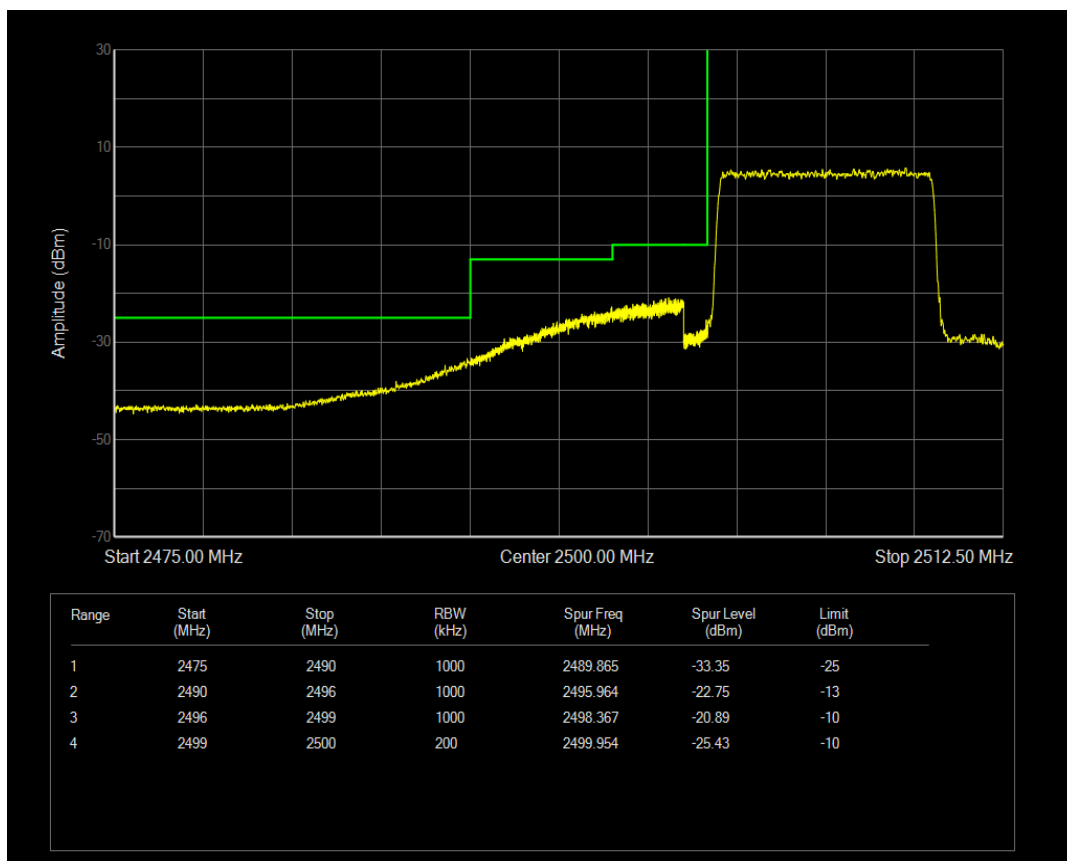




Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0

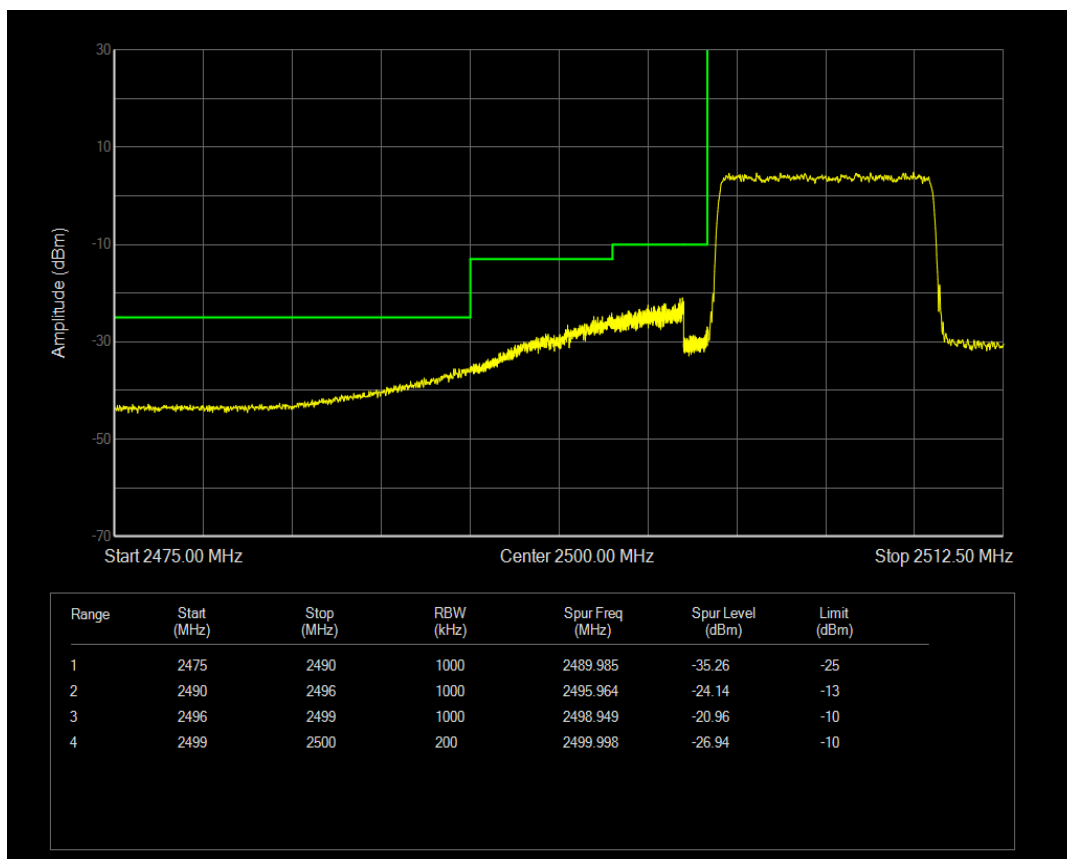


Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0

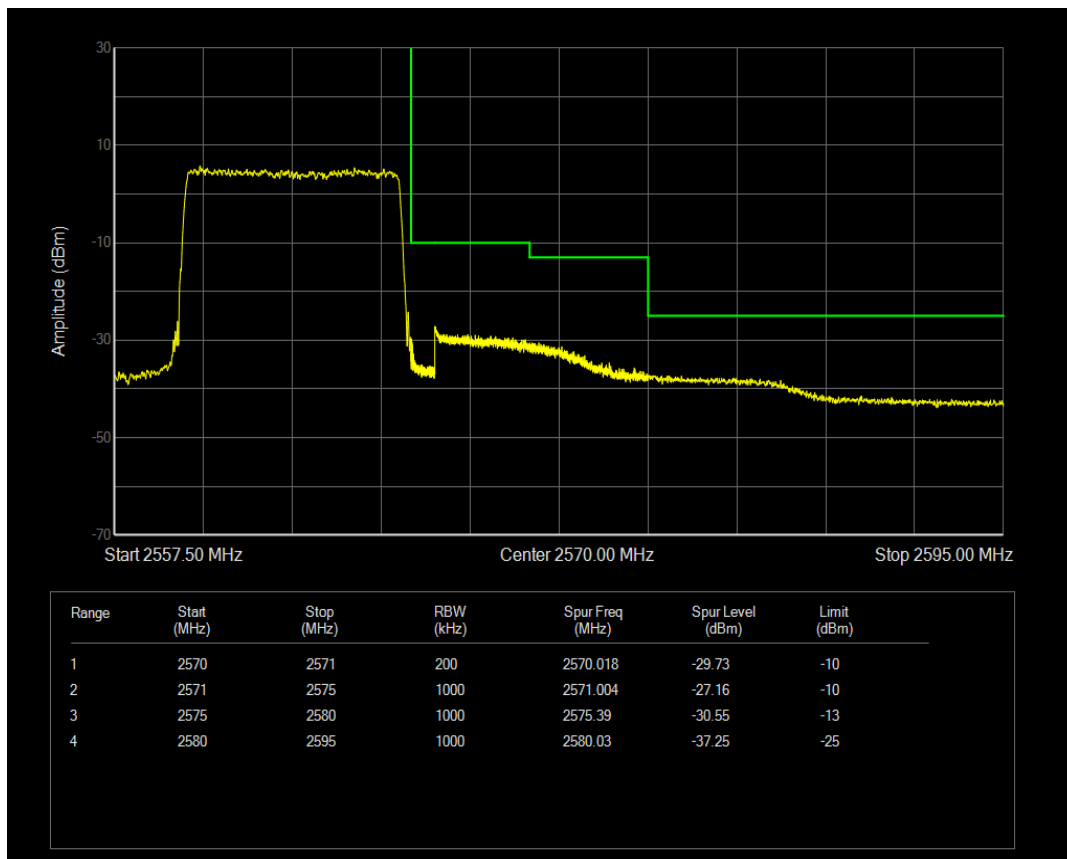




Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0

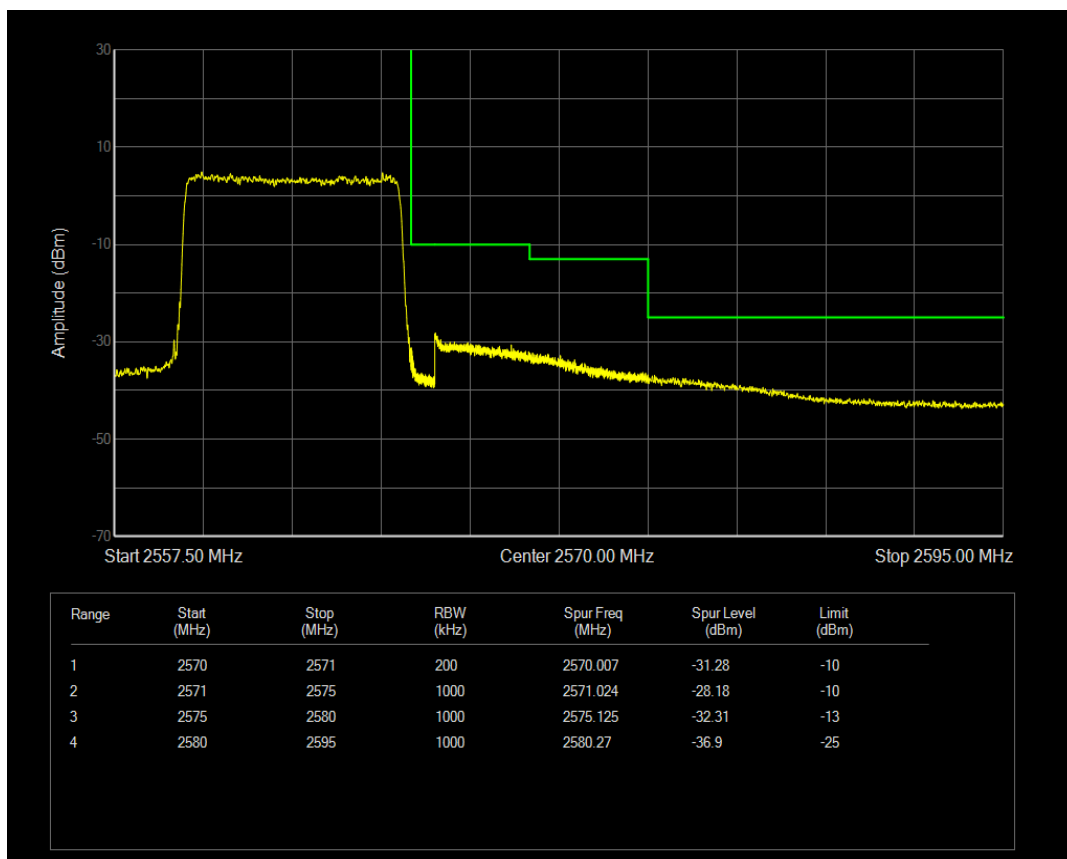


Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0

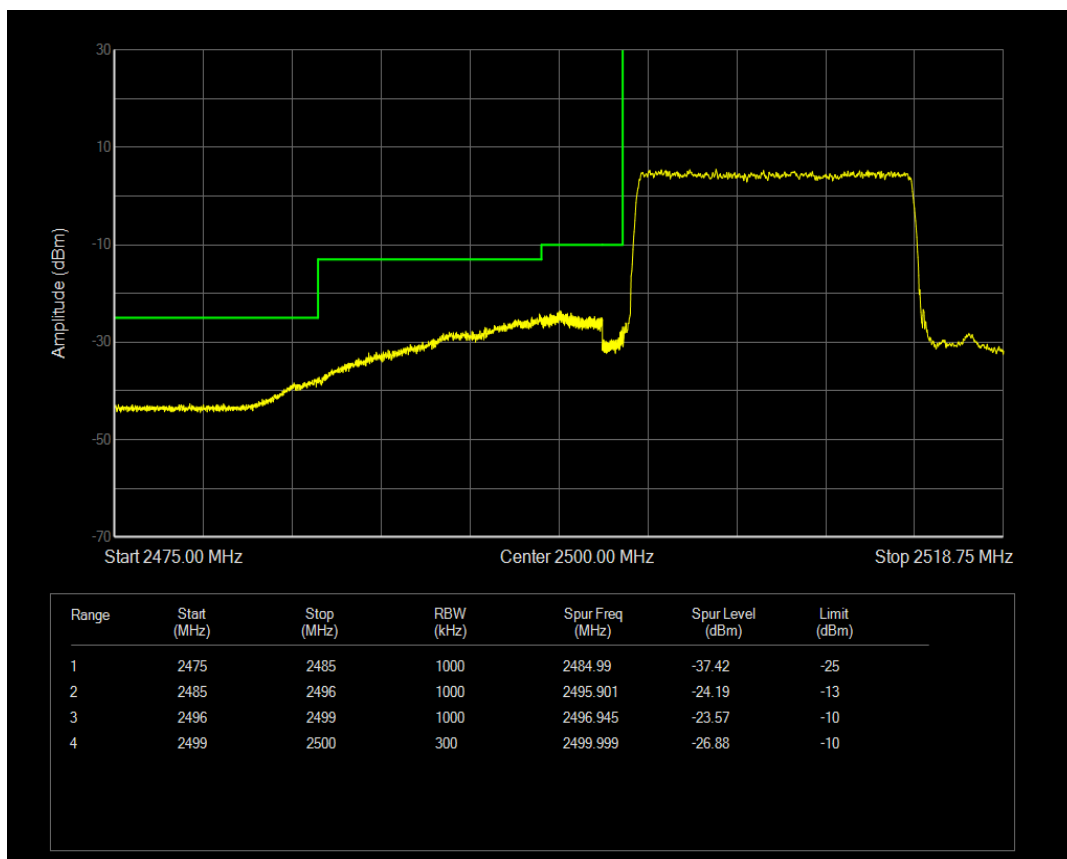




Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0

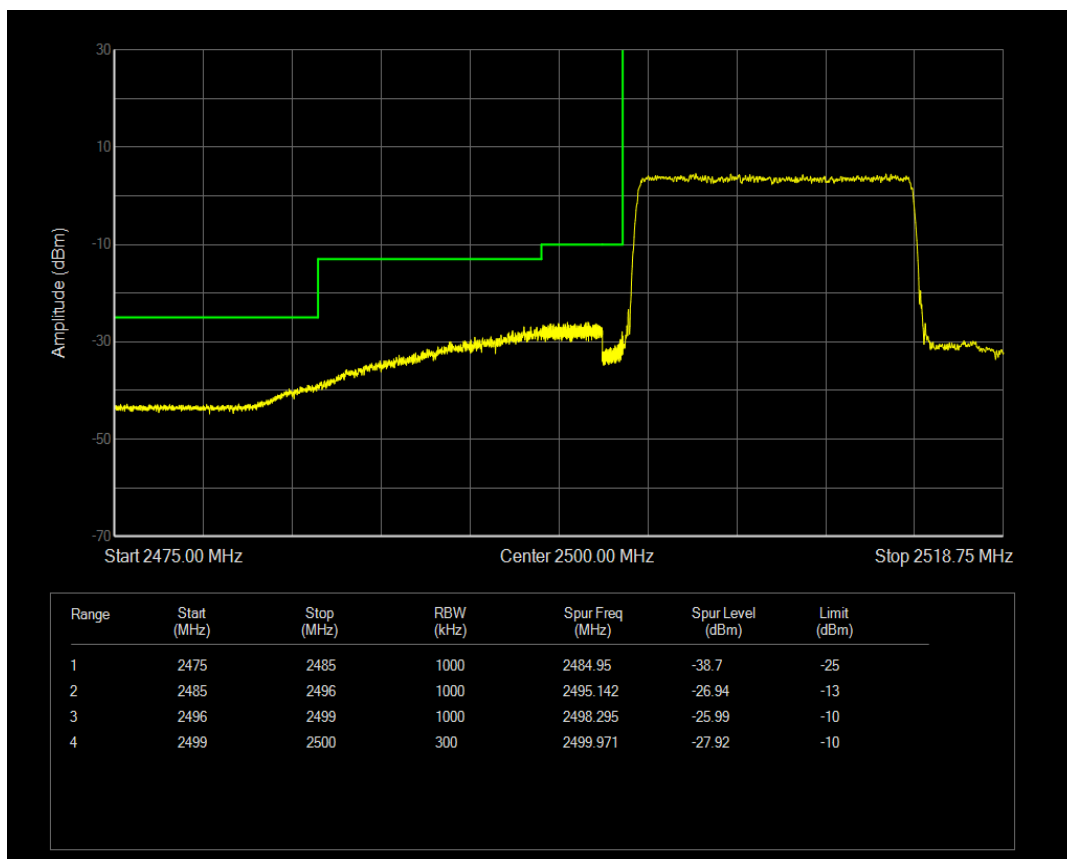


Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0

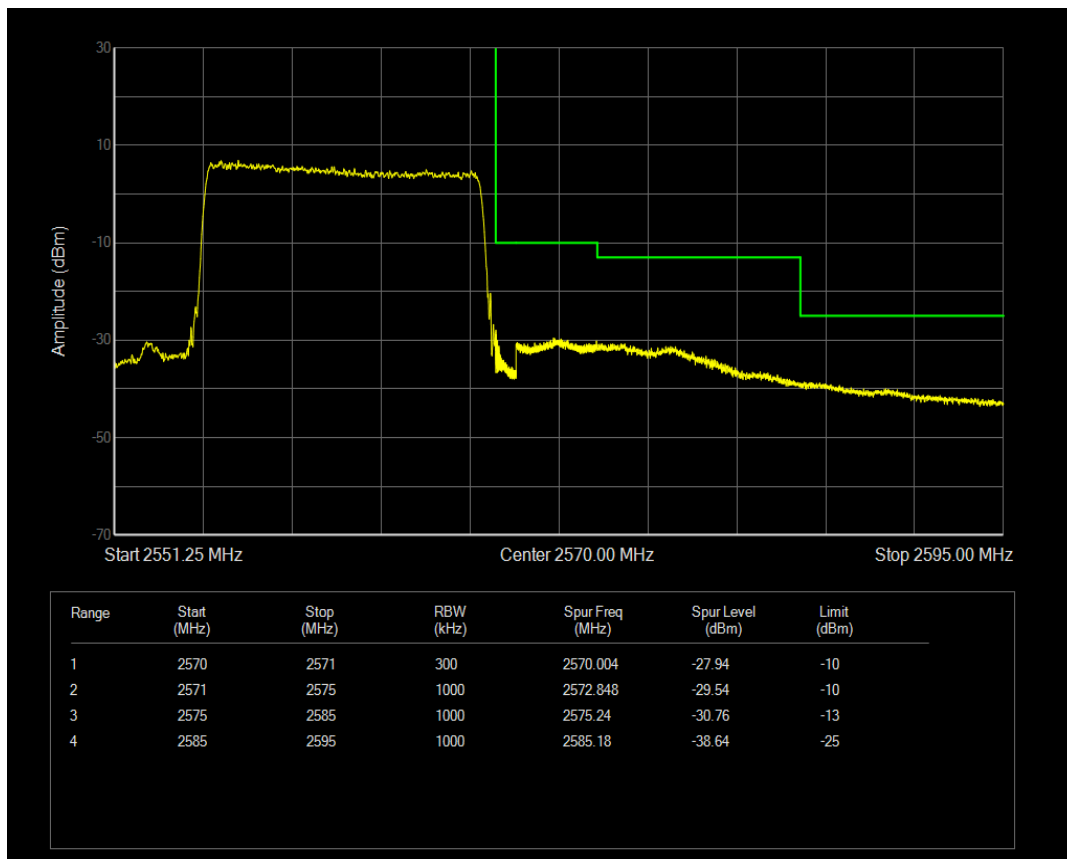




Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0

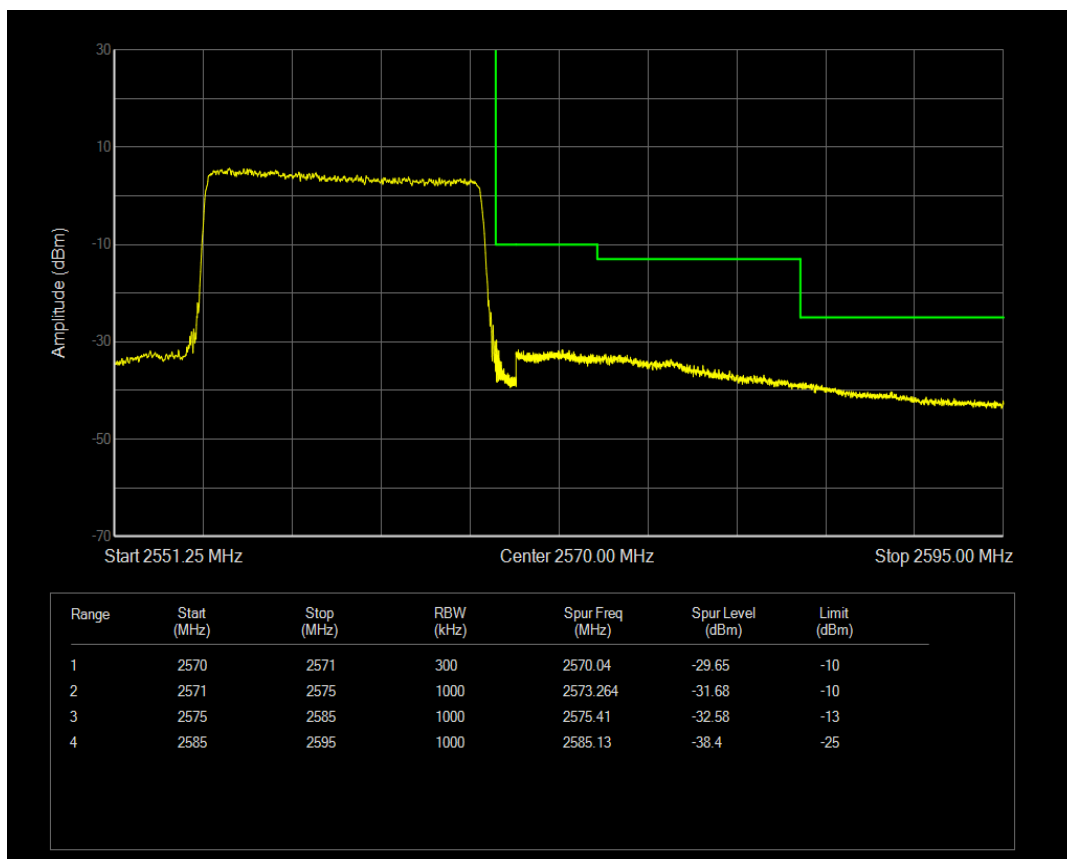


Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0

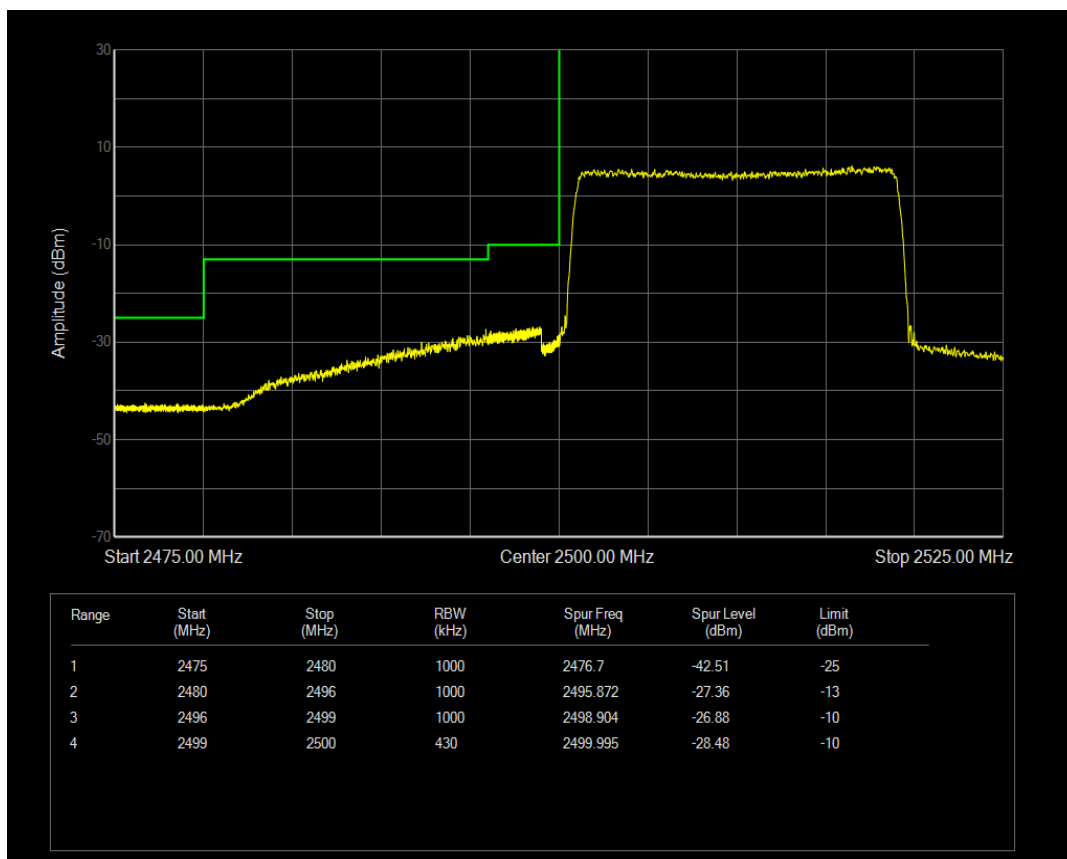




Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0

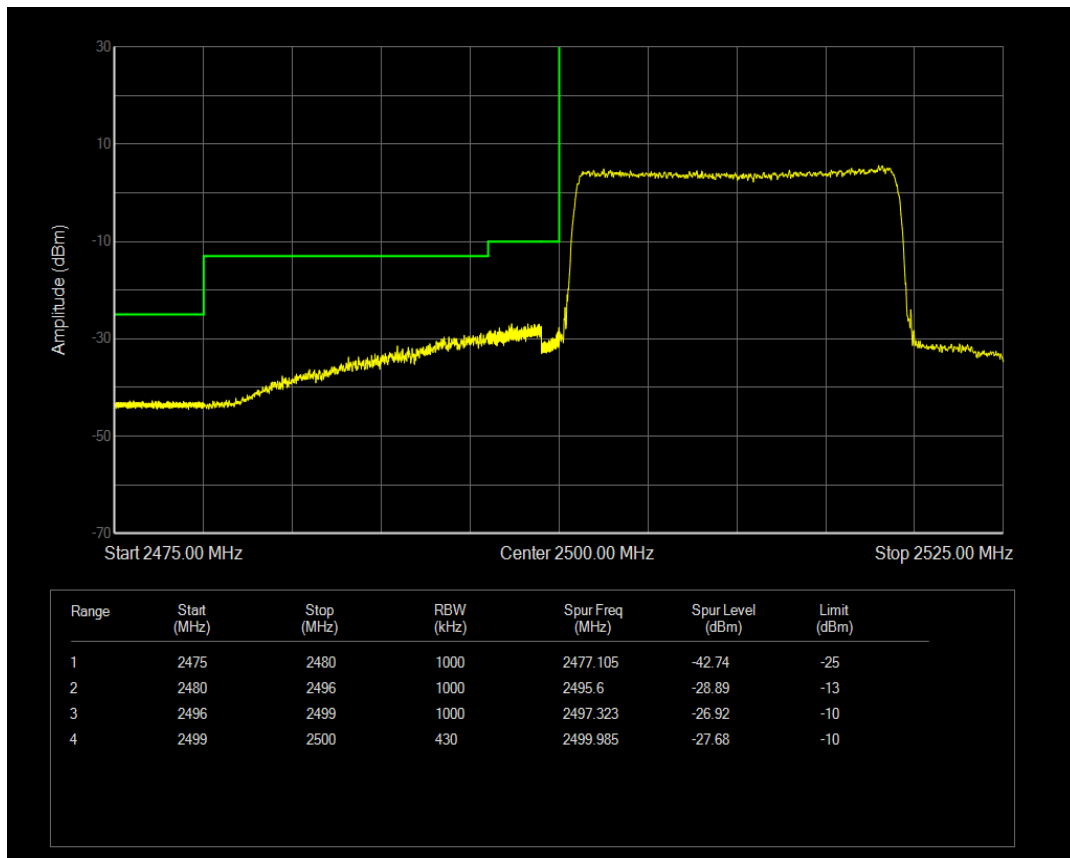


Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0

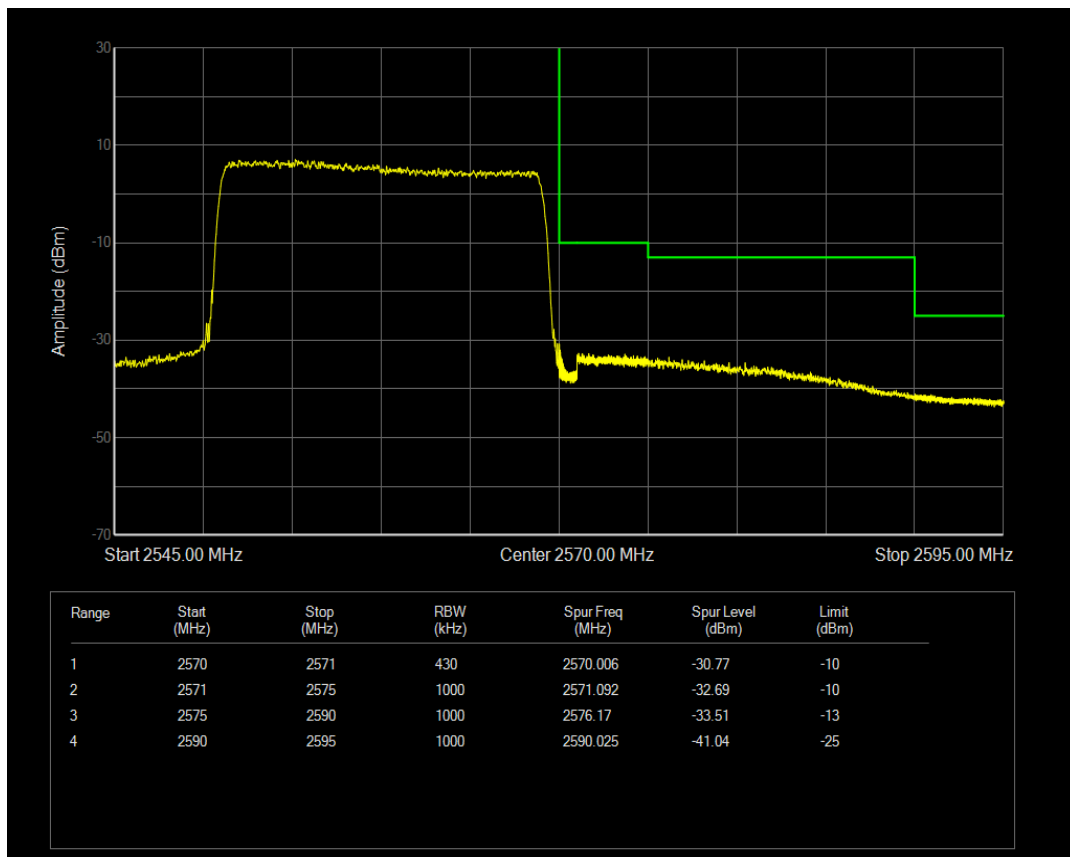




Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0

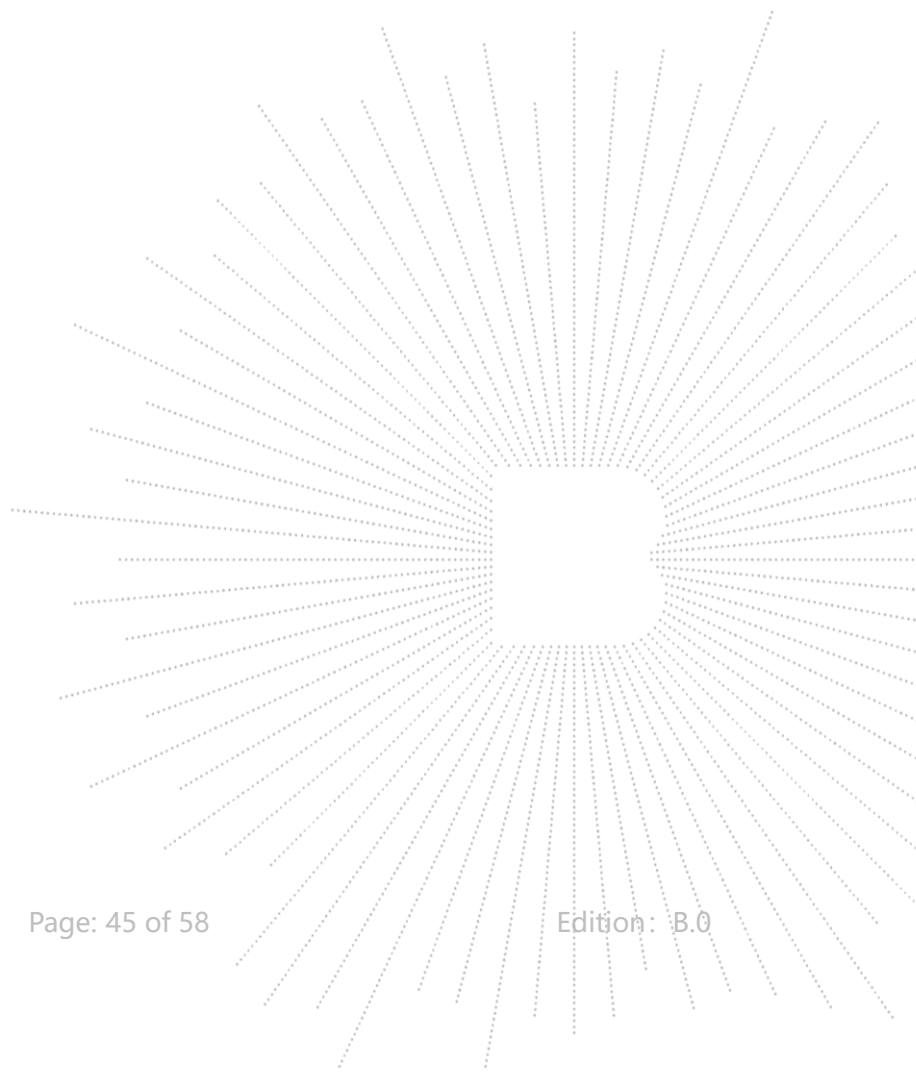
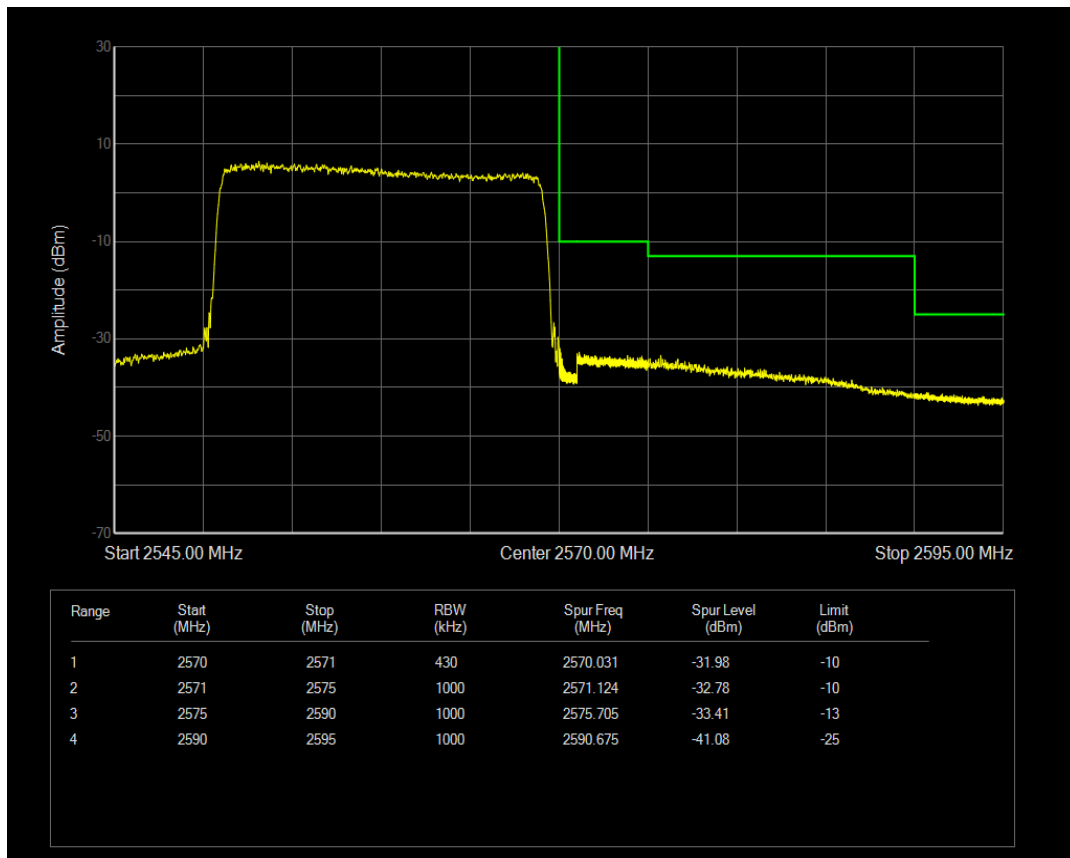


Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0





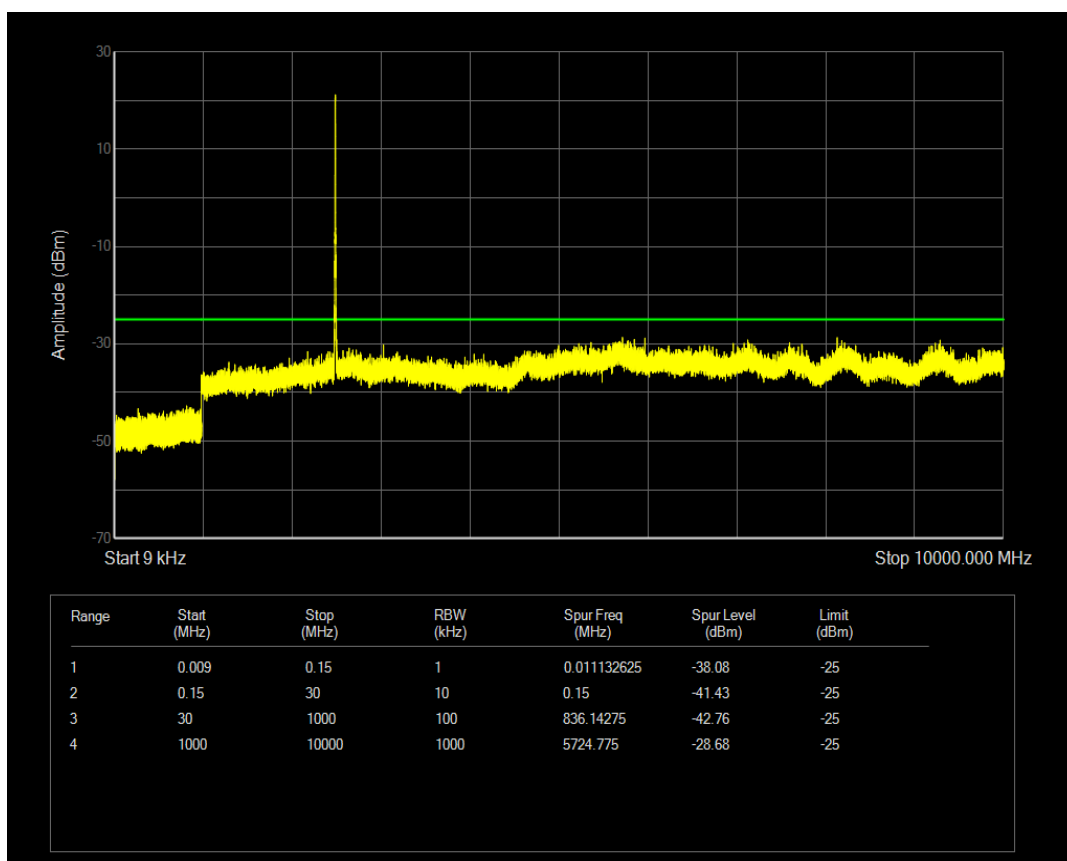
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0



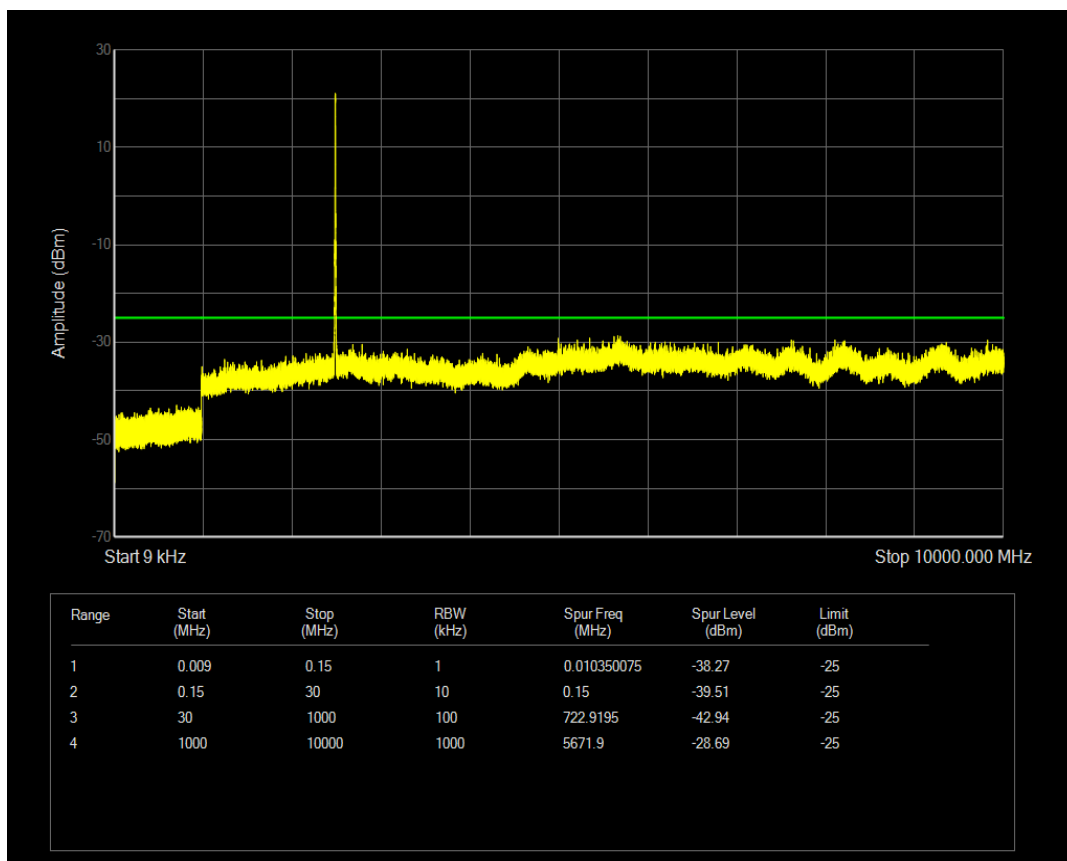
Appendix 6. Out-of-band emissions

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	5724.78	-28.68	-25	PASS
Band7	5	20775	25	#0	16QAM	5671.90	-28.69	-25	PASS
Band7	5	21100	25	#0	QPSK	5218.75	-29.02	-25	PASS
Band7	5	21100	25	#0	16QAM	5614.98	-28.83	-25	PASS
Band7	5	21425	25	#0	QPSK	5709.70	-28.46	-25	PASS
Band7	5	21425	25	#0	16QAM	5135.28	-28.47	-25	PASS
Band7	10	20800	50	#0	QPSK	5692.83	-28.61	-25	PASS
Band7	10	20800	50	#0	16QAM	5717.35	-28.26	-25	PASS
Band7	10	21100	50	#0	QPSK	5690.58	-28.39	-25	PASS
Band7	10	21100	50	#0	16QAM	5639.28	-28.42	-25	PASS
Band7	10	21400	50	#0	QPSK	8159.05	-28.39	-25	PASS
Band7	10	21400	50	#0	16QAM	5664.93	-29.05	-25	PASS
Band7	15	20825	75	#0	QPSK	5644.23	-29.03	-25	PASS
Band7	15	20825	75	#0	16QAM	5641.98	-28.51	-25	PASS
Band7	15	21100	75	#0	QPSK	5707.90	-28.74	-25	PASS
Band7	15	21100	75	#0	16QAM	8224.75	-28.89	-25	PASS
Band7	15	21375	75	#0	QPSK	5704.53	-28.89	-25	PASS
Band7	15	21375	75	#0	16QAM	7165.45	-29.02	-25	PASS
Band7	20	20850	100	#0	QPSK	5659.08	-28.84	-25	PASS
Band7	20	20850	100	#0	16QAM	5728.15	-27.72	-25	PASS
Band7	20	21100	100	#0	QPSK	5718.48	-28.97	-25	PASS
Band7	20	21100	100	#0	16QAM	5685.63	-28.57	-25	PASS
Band7	20	21350	100	#0	QPSK	5704.75	-28.70	-25	PASS
Band7	20	21350	100	#0	16QAM	5696.88	-28.65	-25	PASS

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

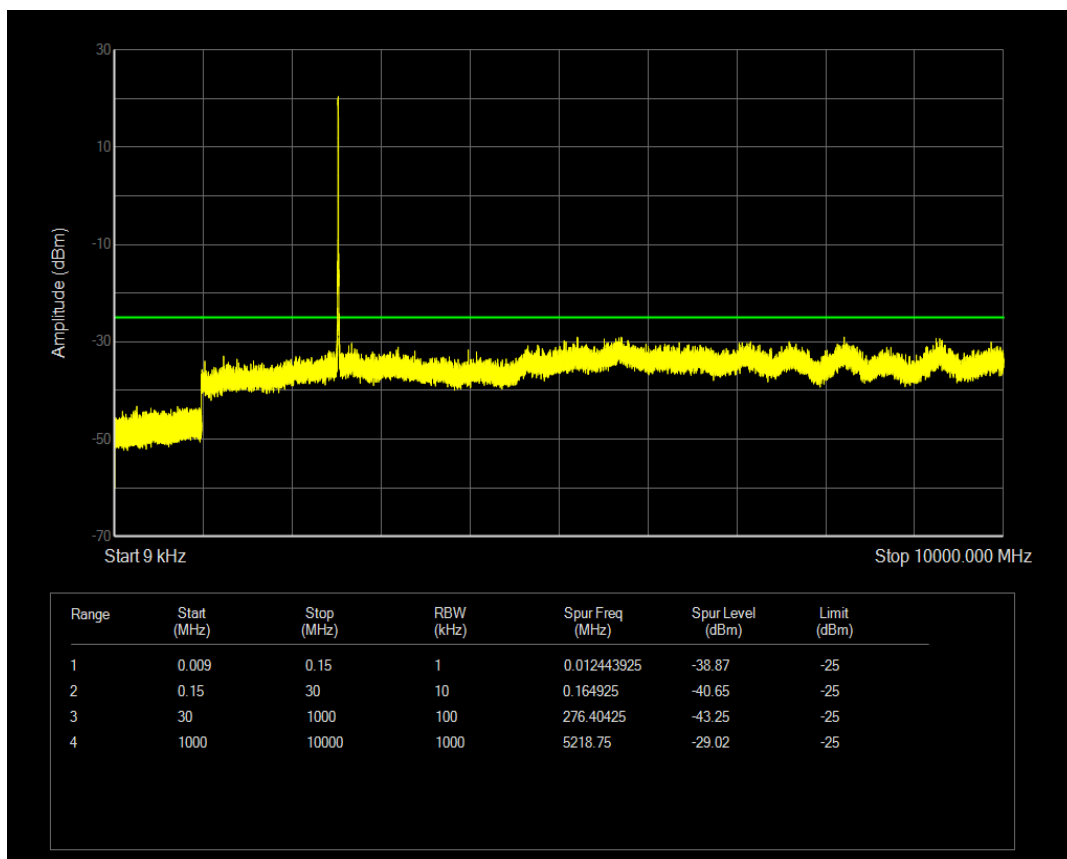


Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0

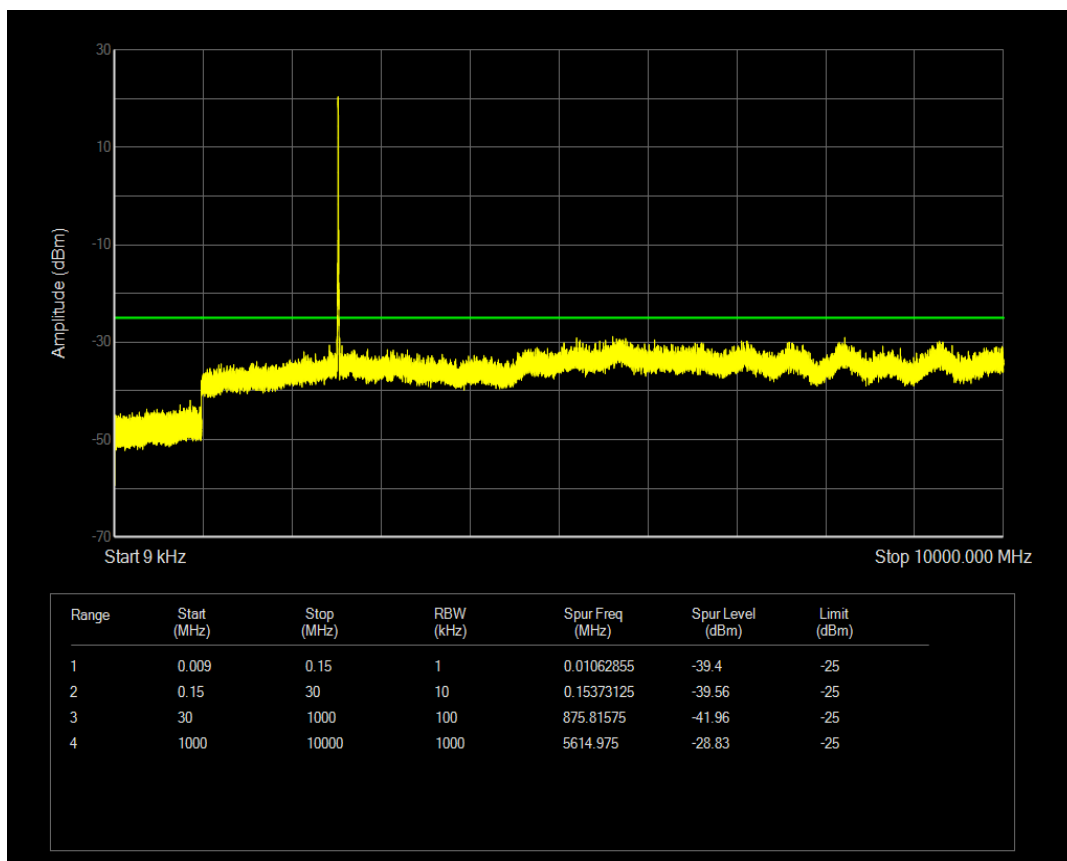




Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0

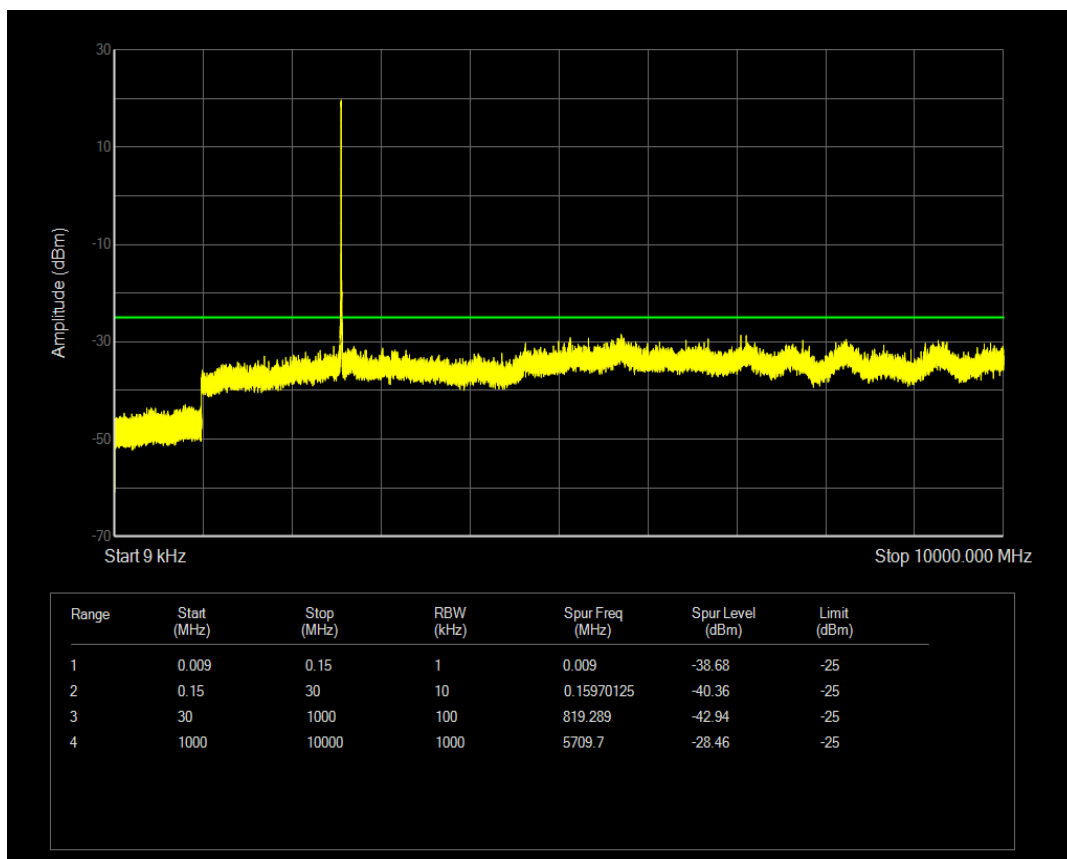


Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0

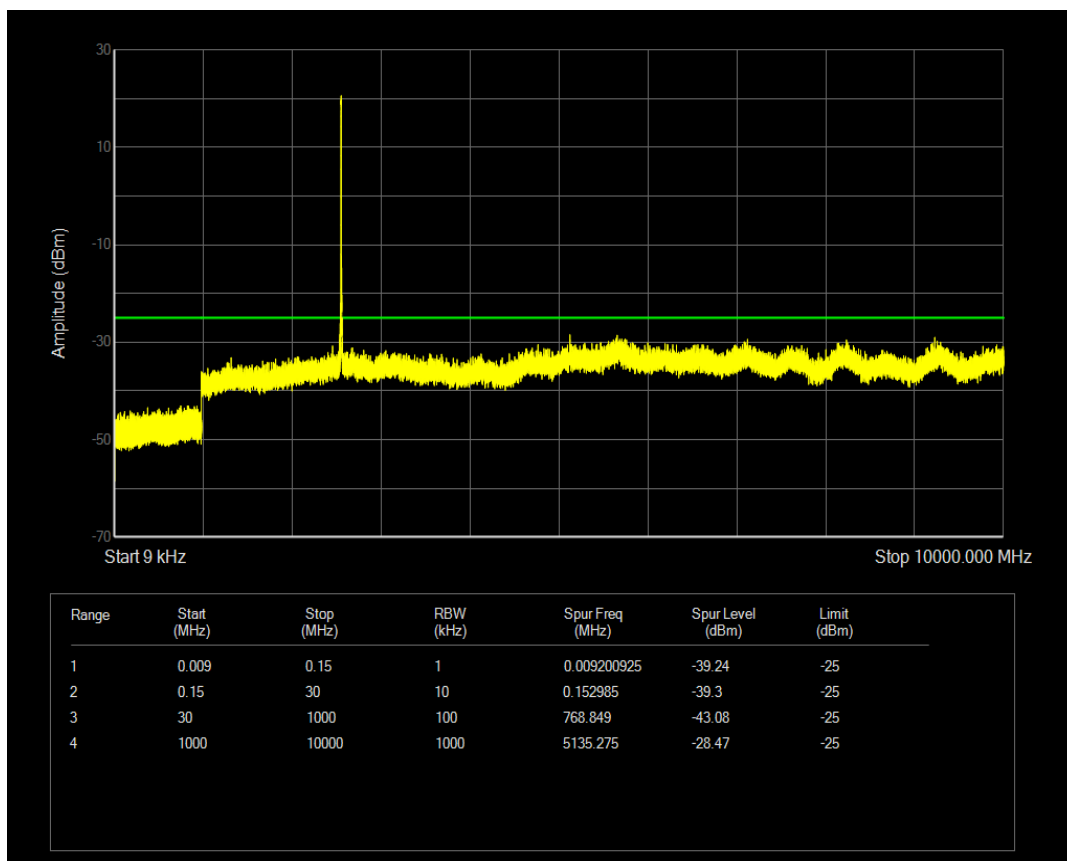




Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0

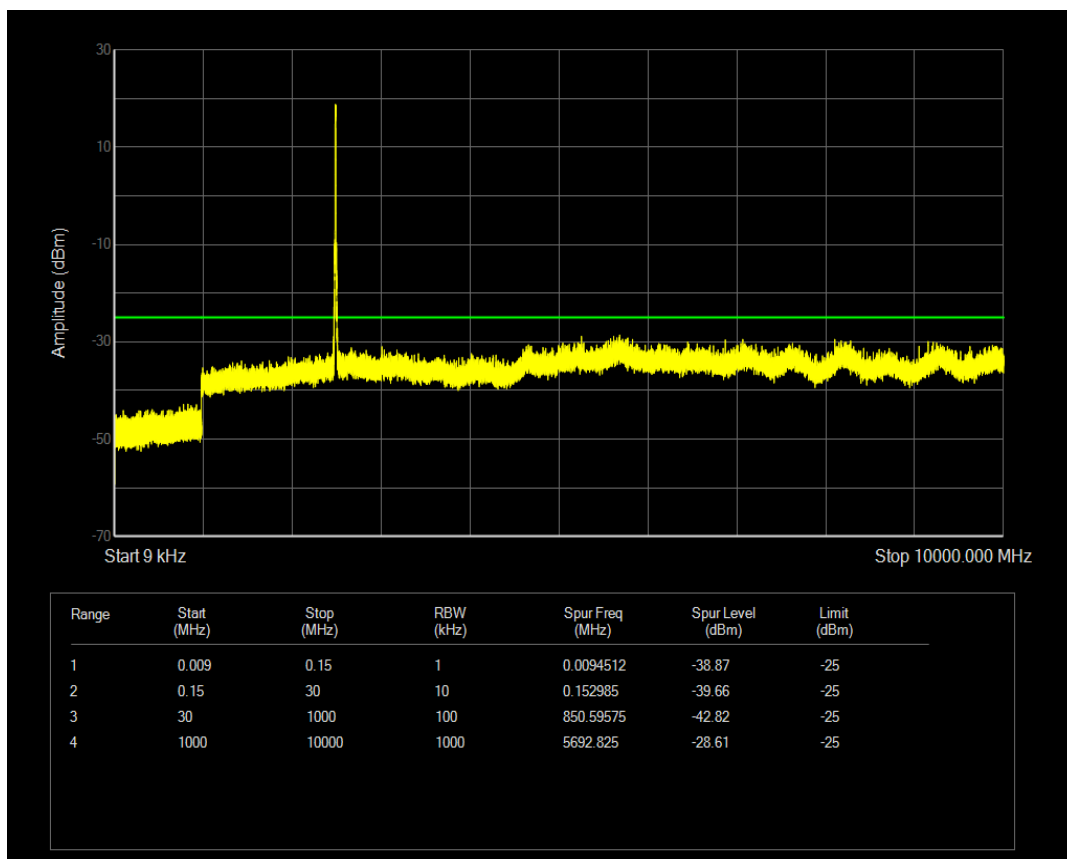


Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0

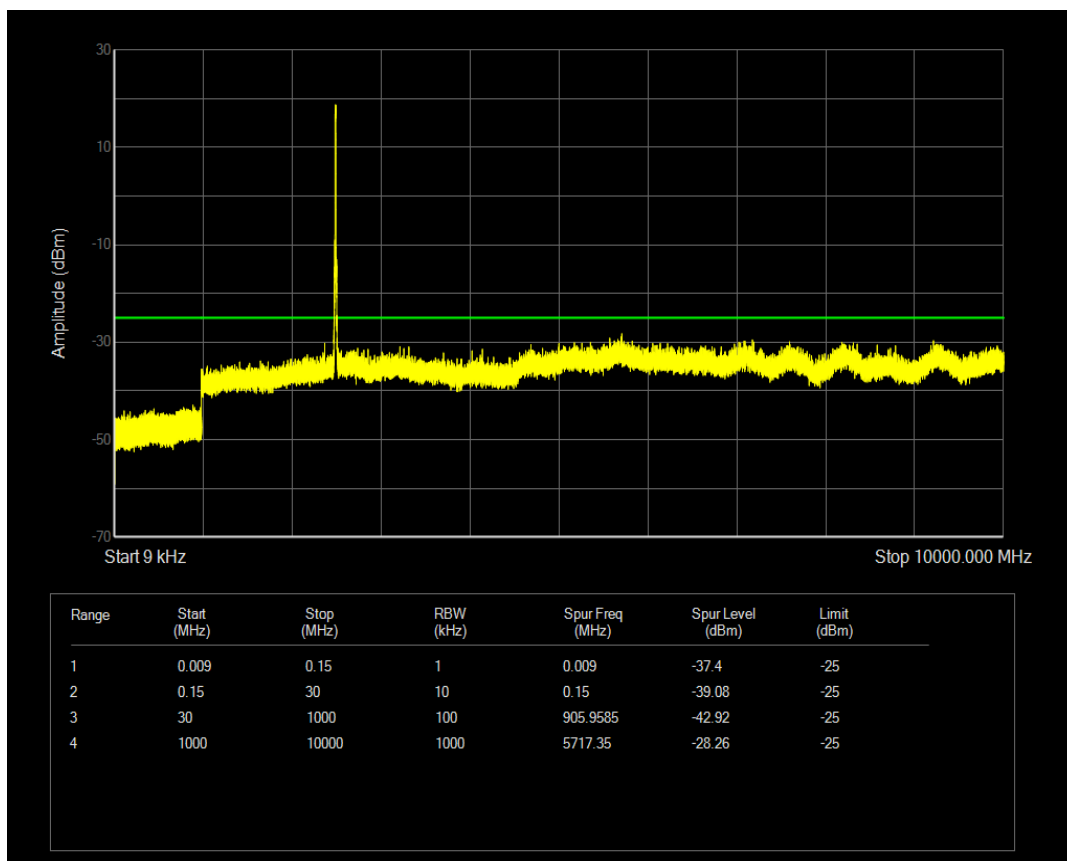




Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0

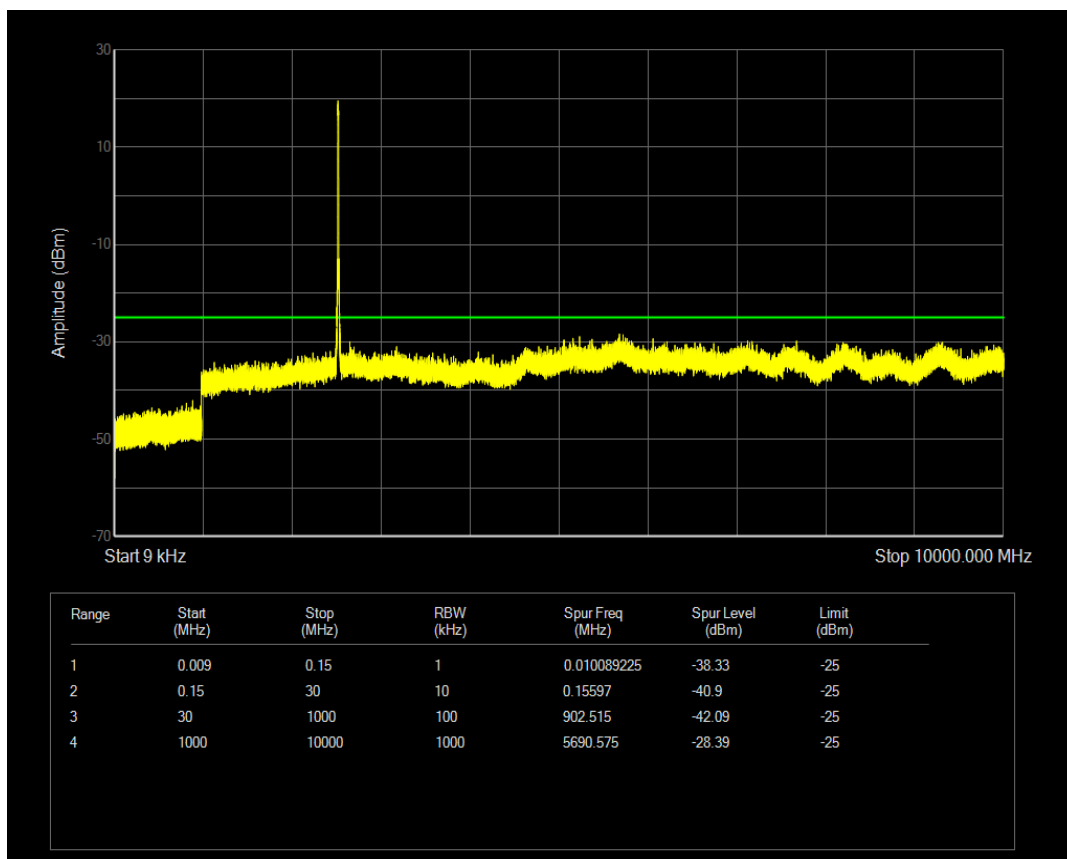


Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0

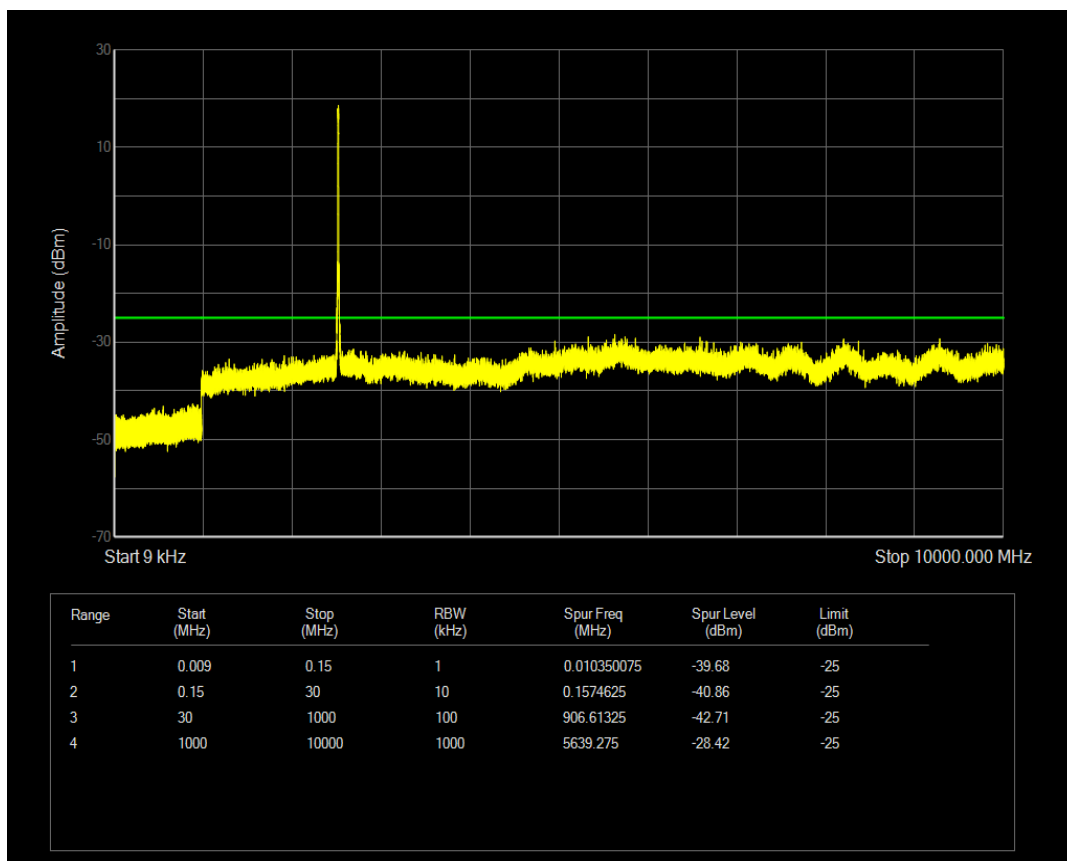




Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0

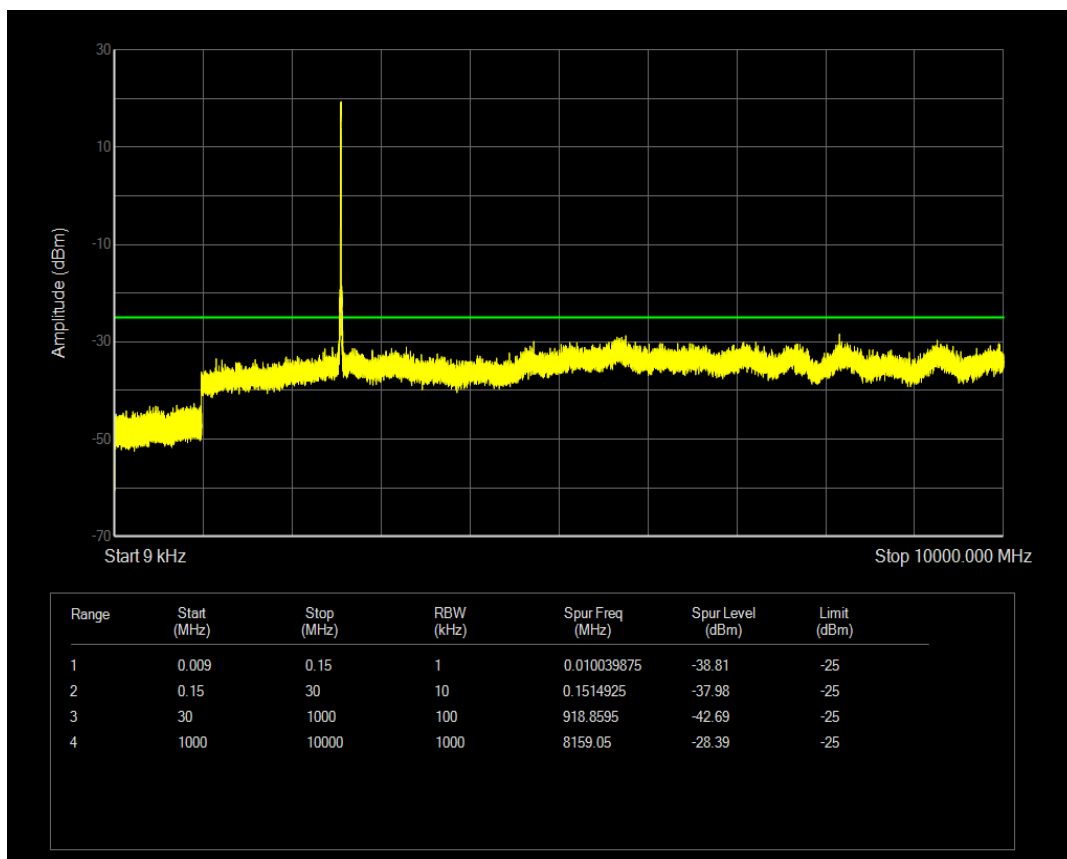


Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0

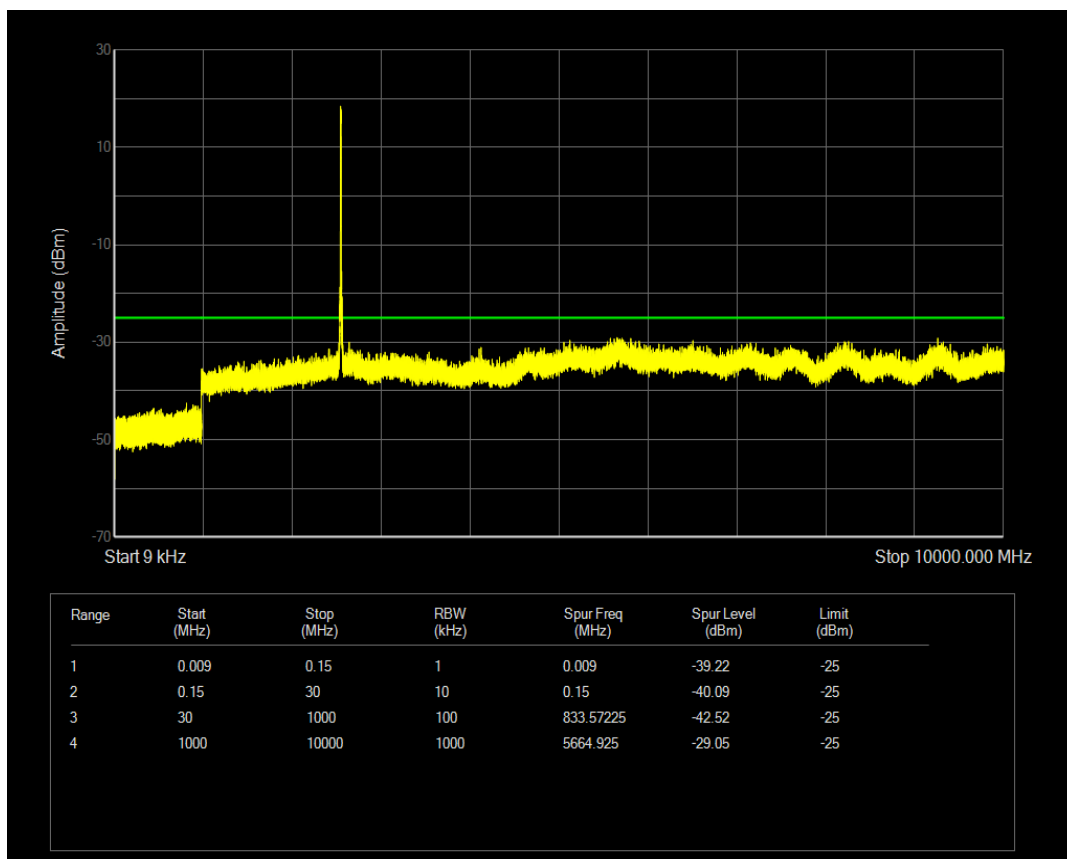




Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0

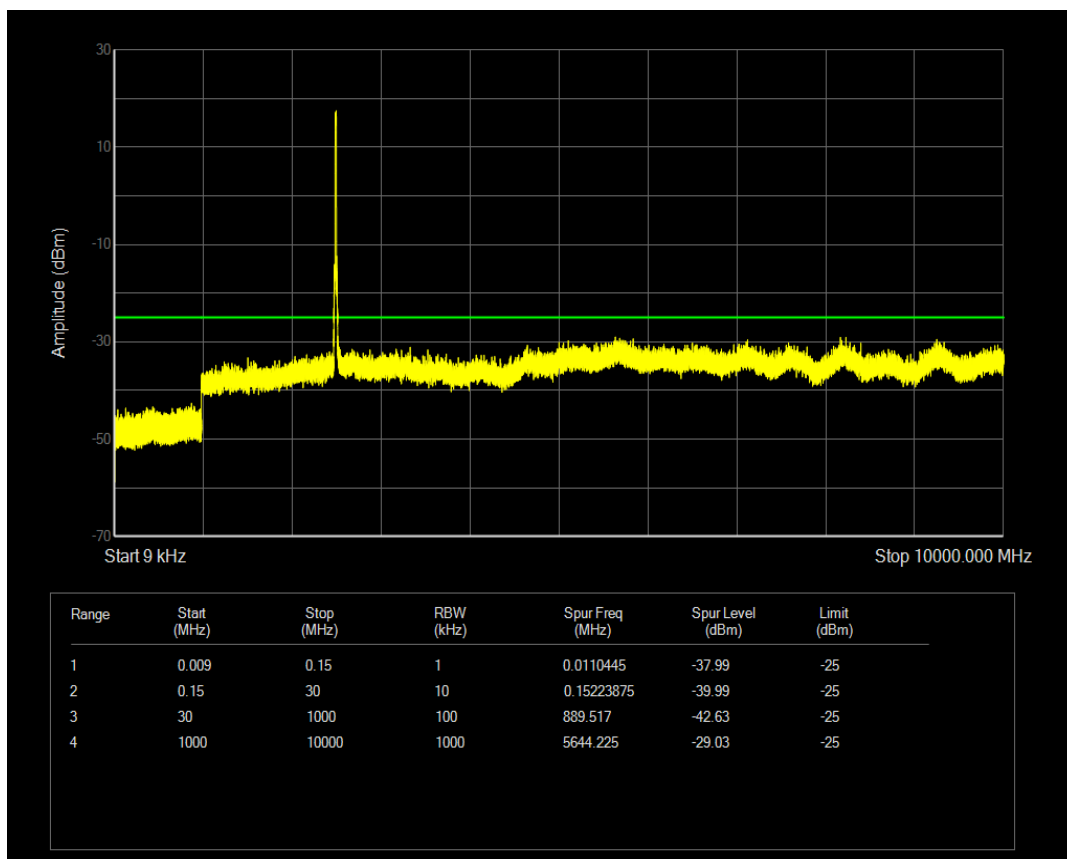


Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0

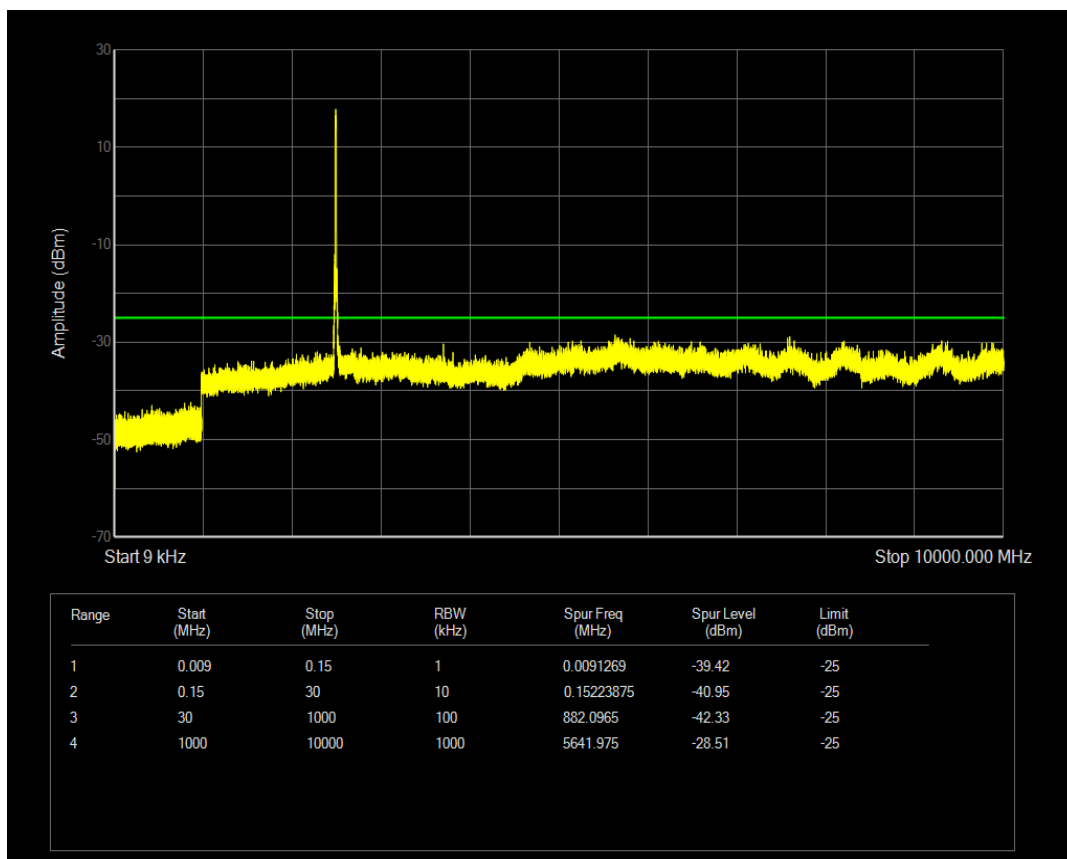




Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0

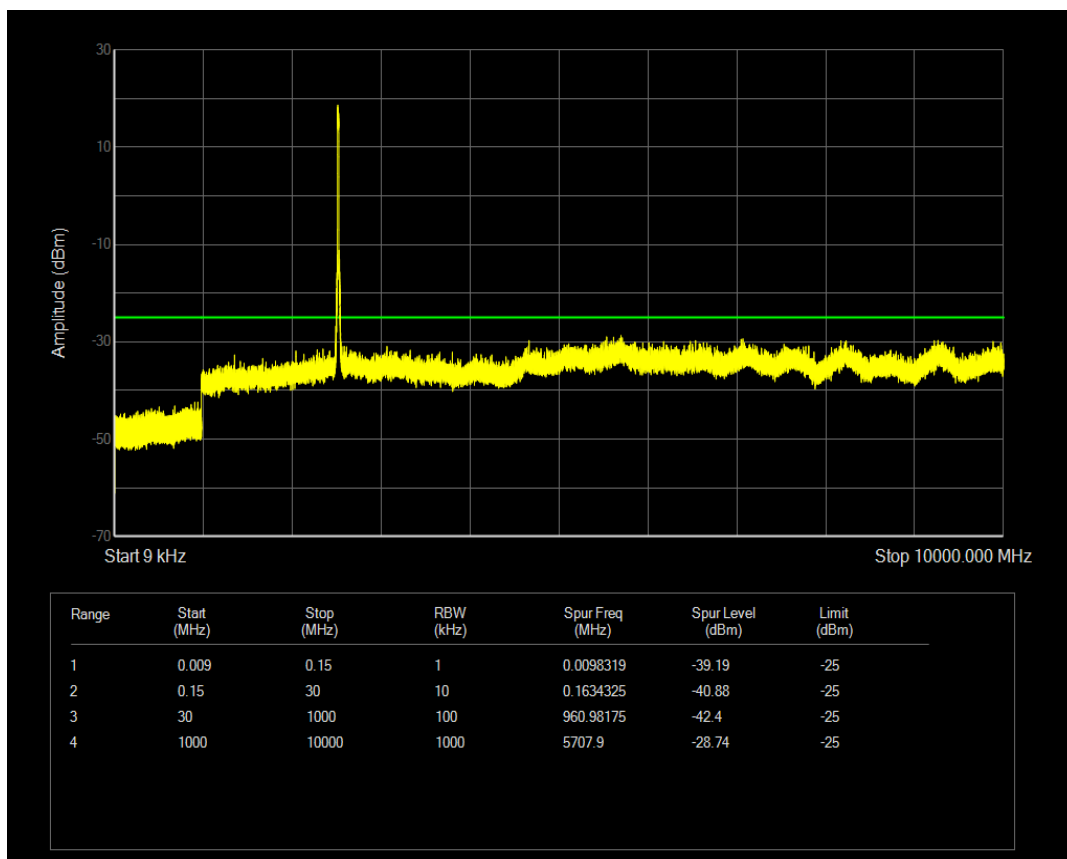


Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0

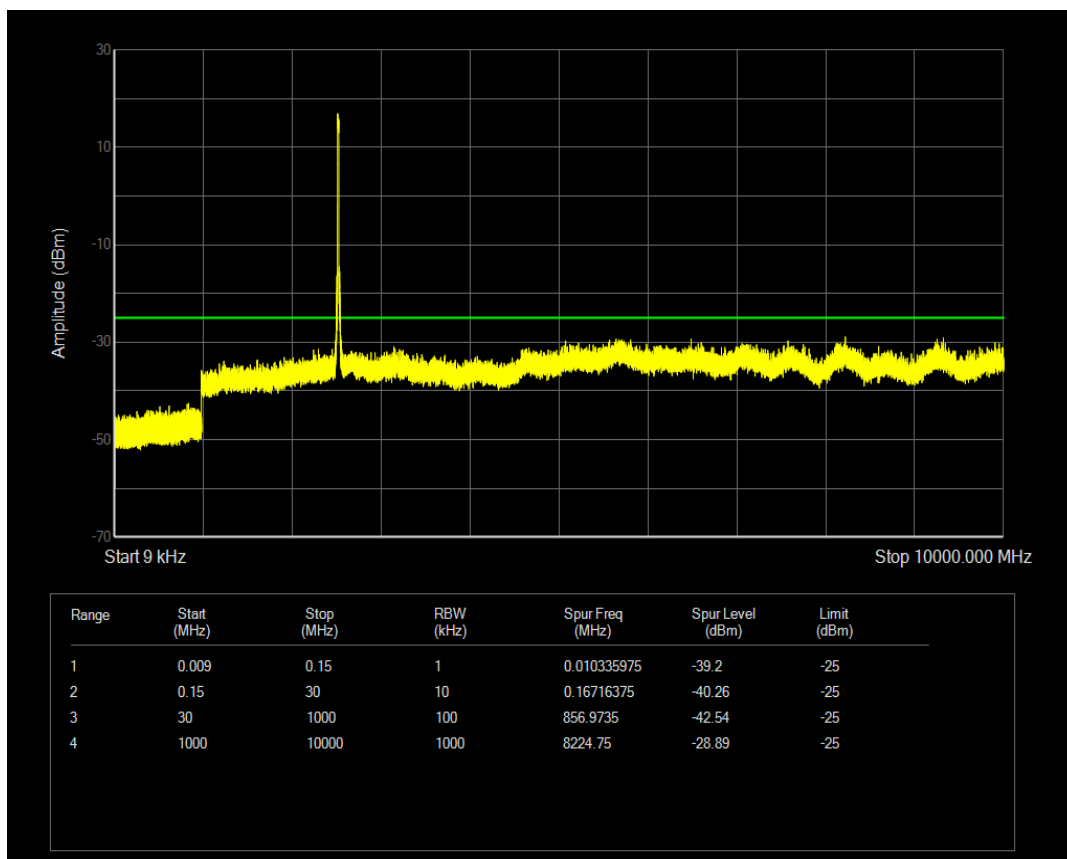




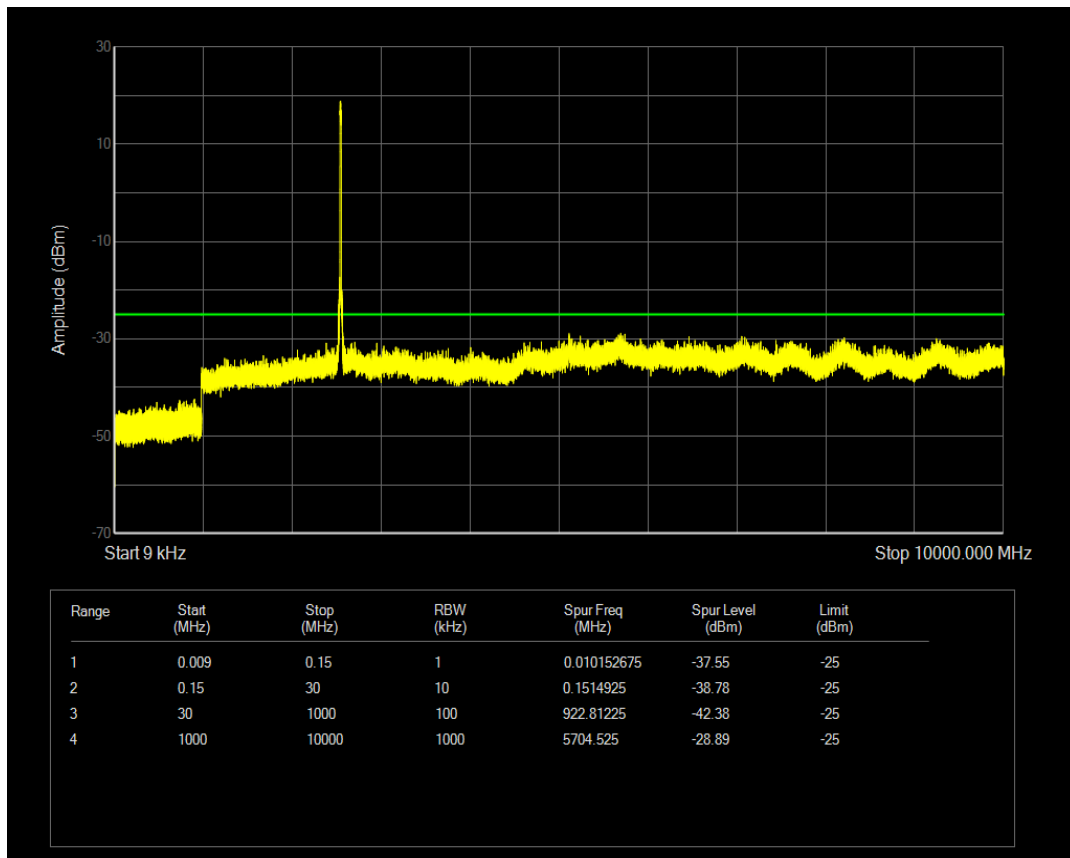
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



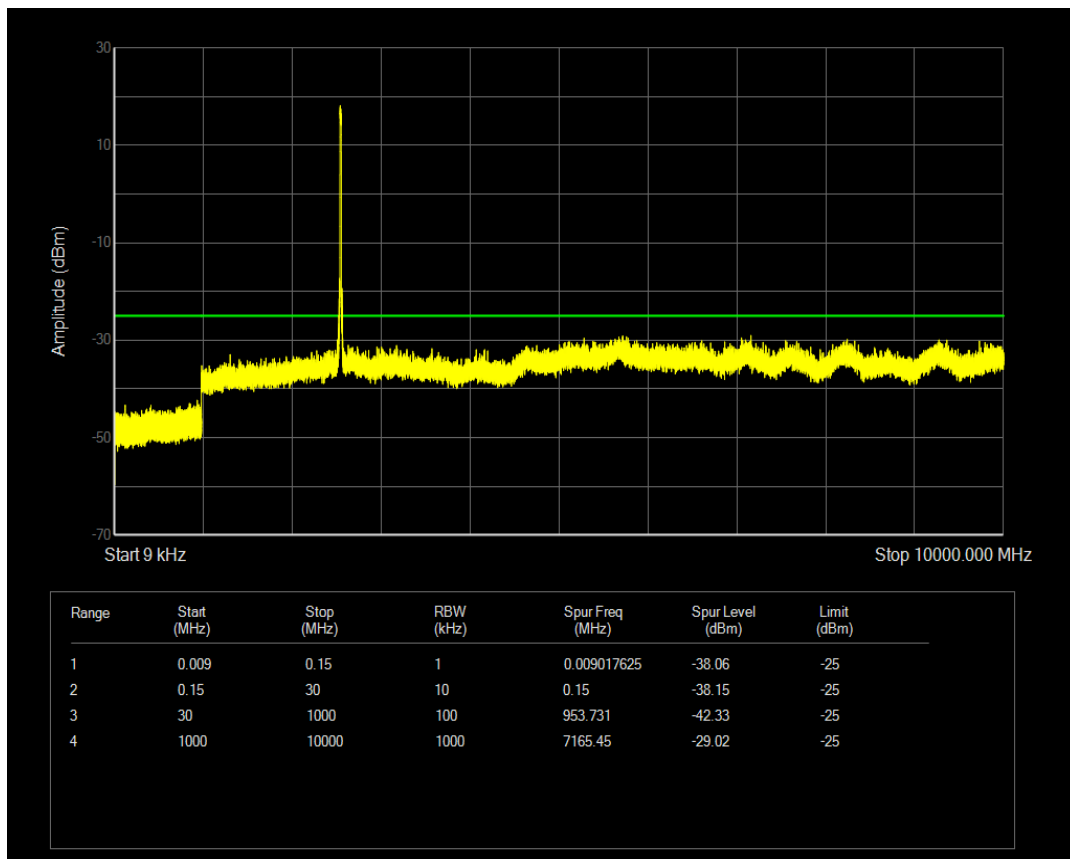
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



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

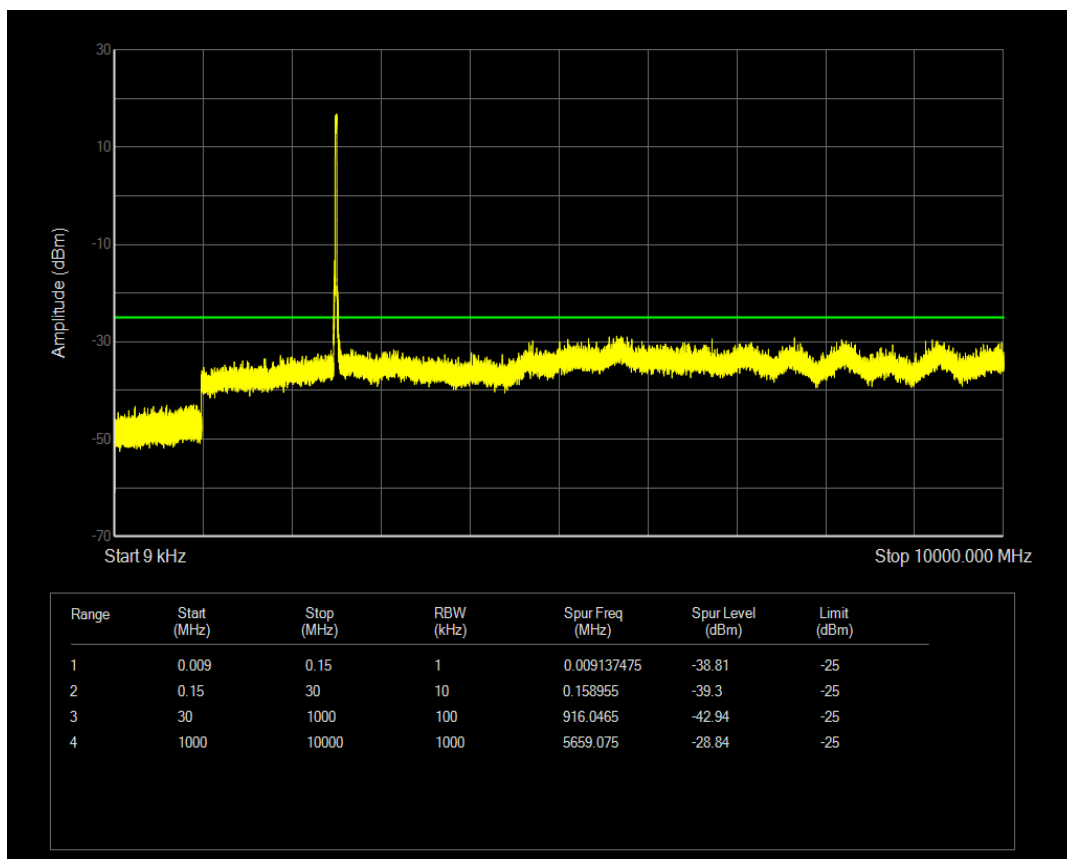


Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0

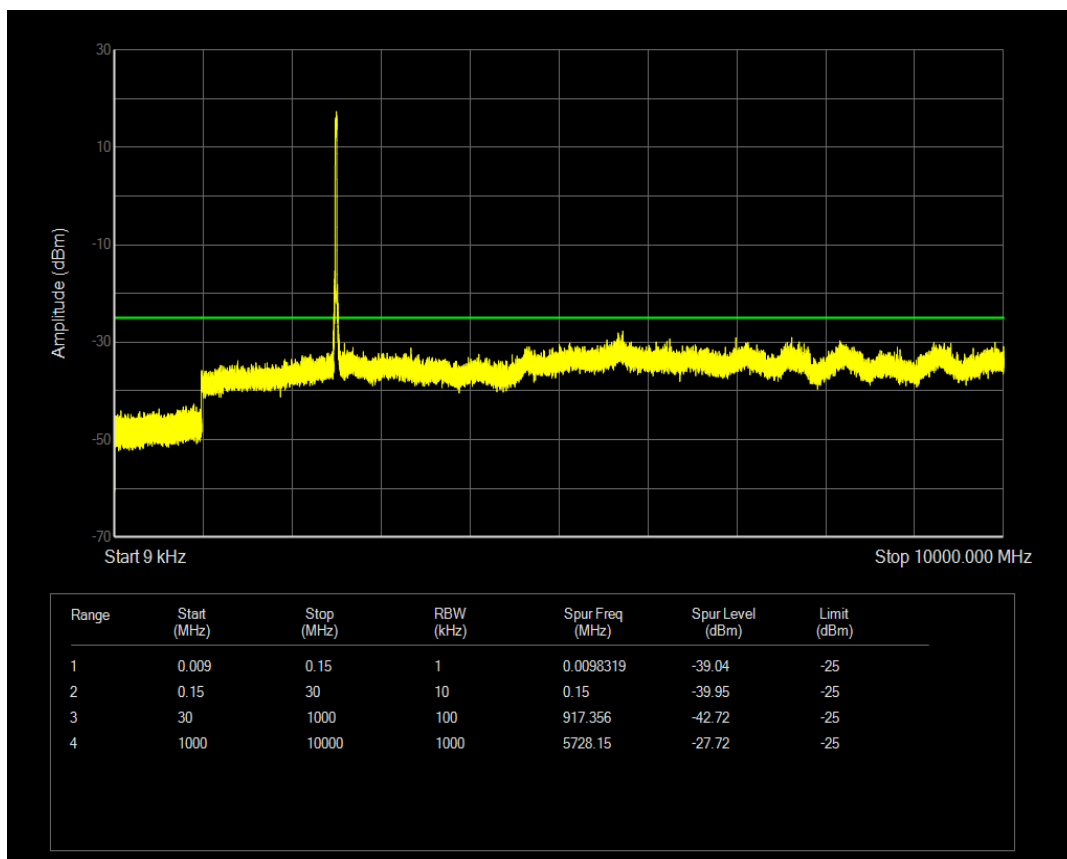




Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0

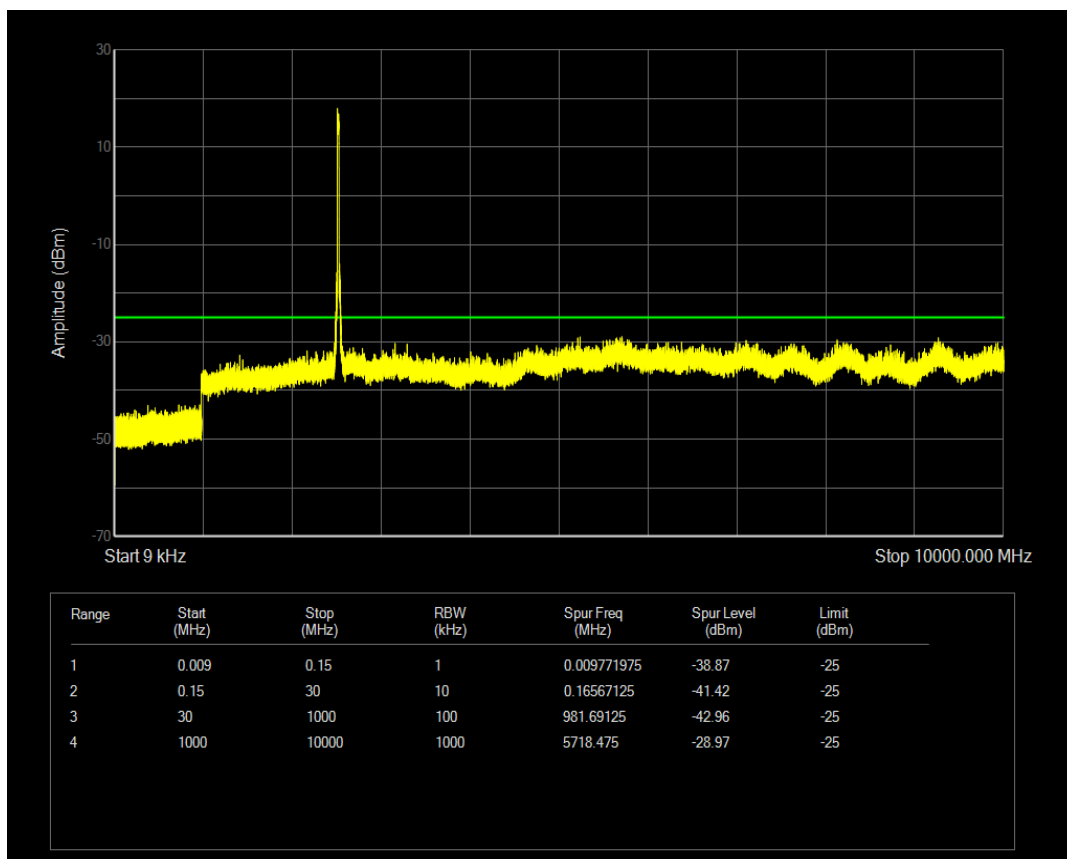


Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0

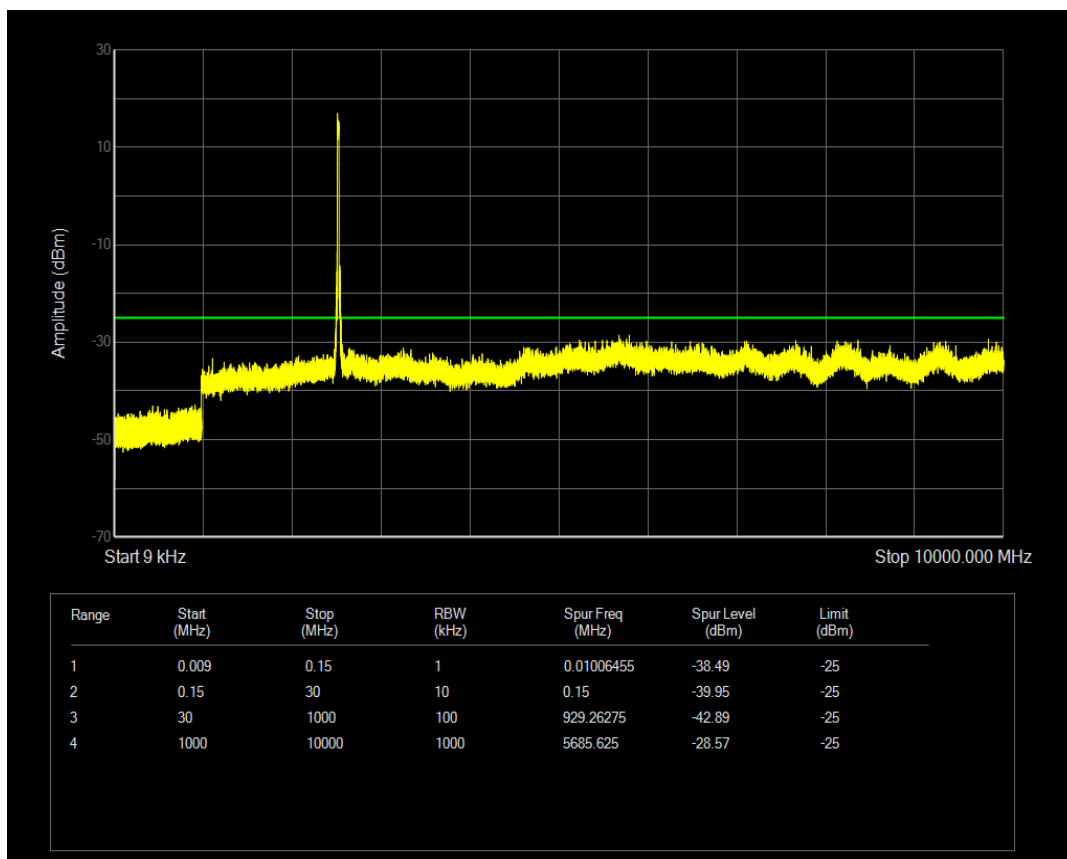




Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0

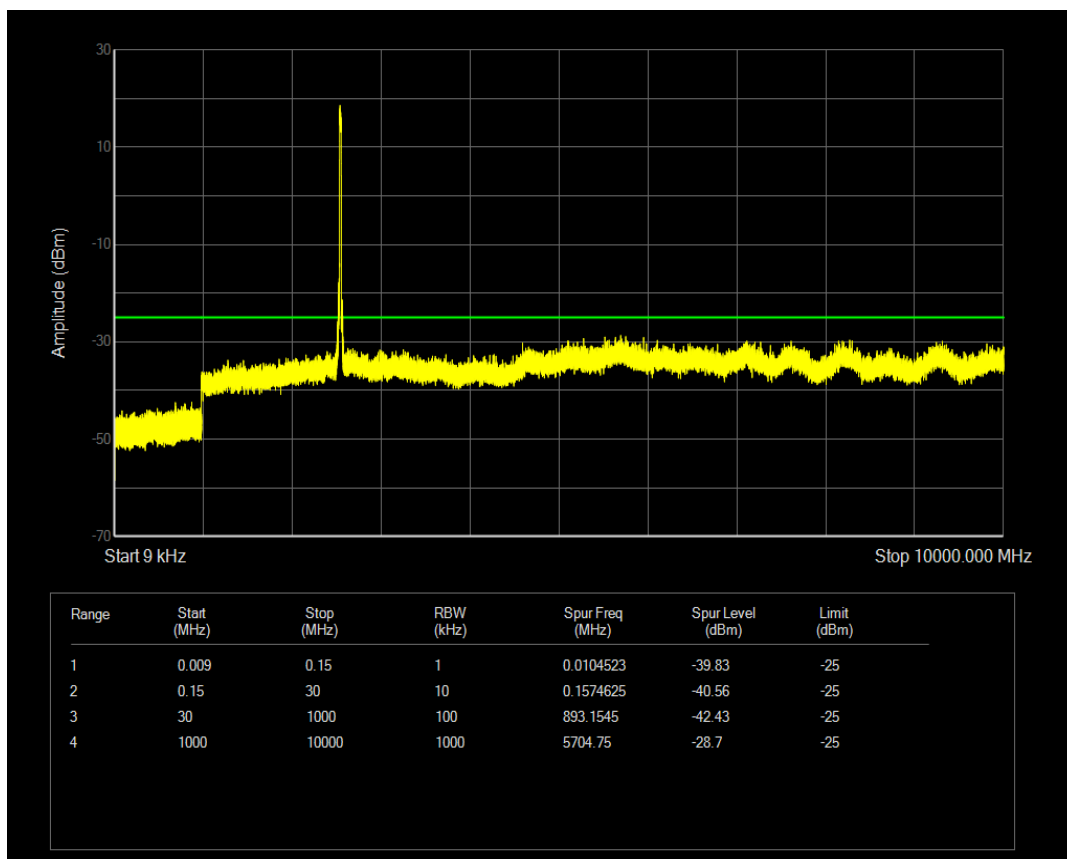


Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0





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



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

