

FCC ID: 2A4FB-BP-M13

Appendix-BAND7

1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted Power (dBm)	(Limit) (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	10.56	33.01	PASS
Band7	5	20775	1	#Mid	QPSK	11.33	33.01	PASS
Band7	5	20775	1	#Max	QPSK	11.44	33.01	PASS
Band7	5	20775	12	#0	QPSK	9.99	33.01	PASS
Band7	5	20775	12	#Max	QPSK	10.58	33.01	PASS
Band7	5	20775	25	#0	QPSK	10.29	33.01	PASS
Band7	5	20775	1	#0	QAM16	10.07	33.01	PASS
Band7	5	20775	1	#Mid	QAM16	10.67	33.01	PASS
Band7	5	20775	1	#Max	QAM16	10.86	33.01	PASS
Band7	5	20775	12	#0	QAM16	9.23	33.01	PASS
Band7	5	20775	12	#Max	QAM16	9.77	33.01	PASS
Band7	5	20775	25	#0	QAM16	9.51	33.01	PASS
Band7	5	21100	1	#0	QPSK	8.67	33.01	PASS
Band7	5	21100	1	#Mid	QPSK	8.89	33.01	PASS
Band7	5	21100	1	#Max	QPSK	9.19	33.01	PASS
Band7	5	21100	12	#0	QPSK	7.66	33.01	PASS
Band7	5	21100	12	#Max	QPSK	8.03	33.01	PASS
Band7	5	21100	25	#0	QPSK	7.84	33.01	PASS
Band7	5	21100	1	#0	QAM16	8.00	33.01	PASS
Band7	5	21100	1	#Mid	QAM16	8.34	33.01	PASS
Band7	5	21100	1	#Max	QAM16	8.61	33.01	PASS
Band7	5	21100	12	#0	QAM16	6.84	33.01	PASS
Band7	5	21100	12	#Max	QAM16	7.27	33.01	PASS
Band7	5	21100	25	#0	QAM16	7.10	33.01	PASS
Band7	5	21425	1	#0	QPSK	8.44	33.01	PASS
Band7	5	21425	1	#Mid	QPSK	7.98	33.01	PASS
Band7	5	21425	1	#Max	QPSK	7.65	33.01	PASS
Band7	5	21425	12	#0	QPSK	7.28	33.01	PASS
Band7	5	21425	12	#Max	QPSK	6.96	33.01	PASS
Band7	5	21425	25	#0	QPSK	7.15	33.01	PASS

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Band7	5	21425	1	#0	QAM16	7.66	33.01	PASS
Band7	5	21425	1	#Mid	QAM16	7.32	33.01	PASS
Band7	5	21425	1	#Max	QAM16	7.06	33.01	PASS
Band7	5	21425	12	#0	QAM16	6.30	33.01	PASS
Band7	5	21425	12	#Max	QAM16	5.99	33.01	PASS
Band7	5	21425	25	#0	QAM16	6.22	33.01	PASS
Band7	10	20800	1	#0	QPSK	11.05	33.01	PASS
Band7	10	20800	1	#Mid	QPSK	11.27	33.01	PASS
Band7	10	20800	1	#Max	QPSK	10.80	33.01	PASS
Band7	10	20800	25	#0	QPSK	10.26	33.01	PASS
Band7	10	20800	25	#Max	QPSK	10.28	33.01	PASS
Band7	10	20800	50	#0	QPSK	10.28	33.01	PASS
Band7	10	20800	1	#0	QAM16	10.29	33.01	PASS
Band7	10	20800	1	#Mid	QAM16	10.59	33.01	PASS
Band7	10	20800	1	#Max	QAM16	10.22	33.01	PASS
Band7	10	20800	25	#0	QAM16	9.53	33.01	PASS
Band7	10	20800	25	#Max	QAM16	9.54	33.01	PASS
Band7	10	21100	1	#0	QPSK	8.37	33.01	PASS
Band7	10	21100	1	#Mid	QPSK	8.82	33.01	PASS
Band7	10	21100	1	#Max	QPSK	9.82	33.01	PASS
Band7	10	21100	25	#0	QPSK	7.42	33.01	PASS
Band7	10	21100	25	#Max	QPSK	8.15	33.01	PASS
Band7	10	21100	50	#0	QPSK	7.73	33.01	PASS
Band7	10	21100	1	#0	QAM16	7.48	33.01	PASS
Band7	10	21100	1	#Mid	QAM16	8.30	33.01	PASS
Band7	10	21100	1	#Max	QAM16	9.12	33.01	PASS
Band7	10	21100	25	#0	QAM16	6.82	33.01	PASS
Band7	10	21100	25	#Max	QAM16	7.55	33.01	PASS
Band7	10	21400	1	#0	QPSK	9.38	33.01	PASS
Band7	10	21400	1	#Mid	QPSK	8.16	33.01	PASS
Band7	10	21400	1	#Max	QPSK	7.54	33.01	PASS
Band7	10	21400	25	#0	QPSK	7.71	33.01	PASS
Band7	10	21400	25	#Max	QPSK	6.89	33.01	PASS
Band7	10	21400	50	#0	QPSK	7.34	33.01	PASS
Band7	10	21400	1	#0	QAM16	8.10	33.01	PASS
Band7	10	21400	1	#Mid	QAM16	6.90	33.01	PASS
Band7	10	21400	1	#Max	QAM16	6.31	33.01	PASS
Band7	10	21400	25	#0	QAM16	6.51	33.01	PASS
Band7	10	21400	25	#Max	QAM16	5.71	33.01	PASS
Band7	15	20825	1	#0	QPSK	11.53	33.01	PASS
Band7	15	20825	1	#Mid	QPSK	11.34	33.01	PASS
Band7	15	20825	1	#Max	QPSK	10.24	33.01	PASS
Band7	15	20825	36	#0	QPSK	10.82	33.01	PASS
Band7	15	20825	36	#Max	QPSK	10.04	33.01	PASS

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Band7	15	20825	75	#0	QPSK	10.42	33.01	PASS
Band7	15	20825	1	#0	QAM16	10.89	33.01	PASS
Band7	15	20825	1	#Mid	QAM16	10.77	33.01	PASS
Band7	15	20825	1	#Max	QAM16	9.70	33.01	PASS
Band7	15	20825	27	#0	QAM16	10.04	33.01	PASS
Band7	15	20825	27	#Max	QAM16	9.11	33.01	PASS
Band7	15	21100	1	#0	QPSK	8.67	33.01	PASS
Band7	15	21100	1	#Mid	QPSK	9.19	33.01	PASS
Band7	15	21100	1	#Max	QPSK	10.82	33.01	PASS
Band7	15	21100	36	#0	QPSK	7.82	33.01	PASS
Band7	15	21100	36	#Max	QPSK	9.00	33.01	PASS
Band7	15	21100	75	#0	QPSK	8.49	33.01	PASS
Band7	15	21100	1	#0	QAM16	7.92	33.01	PASS
Band7	15	21100	1	#Mid	QAM16	8.58	33.01	PASS
Band7	15	21100	1	#Max	QAM16	10.10	33.01	PASS
Band7	15	21100	27	#0	QAM16	6.98	33.01	PASS
Band7	15	21100	27	#Max	QAM16	8.43	33.01	PASS
Band7	15	21375	1	#0	QPSK	10.79	33.01	PASS
Band7	15	21375	1	#Mid	QPSK	8.81	33.01	PASS
Band7	15	21375	1	#Max	QPSK	7.66	33.01	PASS
Band7	15	21375	36	#0	QPSK	8.95	33.01	PASS
Band7	15	21375	36	#Max	QPSK	7.22	33.01	PASS
Band7	15	21375	75	#0	QPSK	8.69	33.01	PASS
Band7	15	21375	1	#0	QAM16	10.39	33.01	PASS
Band7	15	21375	1	#Mid	QAM16	8.55	33.01	PASS
Band7	15	21375	1	#Max	QAM16	7.31	33.01	PASS
Band7	15	21375	27	#0	QAM16	8.72	33.01	PASS
Band7	15	21375	27	#Max	QAM16	6.51	33.01	PASS
Band7	20	20850	1	#0	QPSK	11.52	33.01	PASS
Band7	20	20850	1	#Mid	QPSK	11.24	33.01	PASS
Band7	20	20850	1	#Max	QPSK	9.52	33.01	PASS
Band7	20	20850	50	#0	QPSK	10.70	33.01	PASS
Band7	20	20850	50	#Max	QPSK	9.49	33.01	PASS
Band7	20	20850	100	#0	QPSK	10.15	33.01	PASS
Band7	20	20850	1	#0	QAM16	10.71	33.01	PASS
Band7	20	20850	1	#Mid	QAM16	10.43	33.01	PASS
Band7	20	20850	1	#Max	QAM16	8.73	33.01	PASS
Band7	20	20850	27	#0	QAM16	9.89	33.01	PASS
Band7	20	20850	27	#Max	QAM16	8.12	33.01	PASS
Band7	20	21100	1	#0	QPSK	8.64	33.01	PASS
Band7	20	21100	1	#Mid	QPSK	9.19	33.01	PASS
Band7	20	21100	1	#Max	QPSK	11.47	33.01	PASS
Band7	20	21100	50	#0	QPSK	7.93	33.01	PASS
Band7	20	21100	50	#Max	QPSK	9.09	33.01	PASS

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Band7	20	21100	100	#0	QPSK	8.52	33.01	PASS
Band7	20	21100	1	#0	QAM16	7.92	33.01	PASS
Band7	20	21100	1	#Mid	QAM16	8.46	33.01	PASS
Band7	20	21100	1	#Max	QAM16	10.61	33.01	PASS
Band7	20	21100	27	#0	QAM16	6.73	33.01	PASS
Band7	20	21100	27	#Max	QAM16	8.74	33.01	PASS
Band7	20	21350	1	#0	QPSK	11.81	33.01	PASS
Band7	20	21350	1	#Mid	QPSK	9.73	33.01	PASS
Band7	20	21350	1	#Max	QPSK	7.76	33.01	PASS
Band7	20	21350	50	#0	QPSK	10.11	33.01	PASS
Band7	20	21350	50	#Max	QPSK	7.70	33.01	PASS
Band7	20	21350	100	#0	QPSK	9.10	33.01	PASS
Band7	20	21350	1	#0	QAM16	10.92	33.01	PASS
Band7	20	21350	1	#Mid	QAM16	9.06	33.01	PASS
Band7	20	21350	1	#Max	QAM16	6.98	33.01	PASS
Band7	20	21350	27	#0	QAM16	9.86	33.01	PASS
Band7	20	21350	27	#Max	QAM16	6.45	33.01	PASS

2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band7	20	20850	100	#0	QPSK	VL	NT	-21.28	-0.008	±2.5	PASS
Band7	20	20850	100	#0	QPSK	VN	NT	-21.04	-0.008	±2.5	PASS
Band7	20	20850	100	#0	QPSK	VH	NT	-24.56	-0.010	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	50	-19.58	-0.008	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	40	-22.81	-0.009	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	30	-20.39	-0.008	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	20	-21.70	-0.009	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	10	-20.79	-0.008	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	0	-17.83	-0.007	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	-10	-18.26	-0.007	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	-20	-21.44	-0.009	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	-30	-20.77	-0.008	±2.5	PASS
Band7	20	20850	27	#0	QAM16	VL	NT	-19.65	-0.008	±2.5	PASS
Band7	20	20850	27	#0	QAM16	VN	NT	-20.94	-0.008	±2.5	PASS
Band7	20	20850	27	#0	QAM16	VH	NT	-18.86	-0.008	±2.5	PASS
Band7	20	20850	27	#0	QAM16	NV	50	-20.34	-0.008	±2.5	PASS
Band7	20	20850	27	#0	QAM16	NV	40	-15.93	-0.006	±2.5	PASS
Band7	20	20850	27	#0	QAM16	NV	30	-14.86	-0.006	±2.5	PASS
Band7	20	20850	27	#0	QAM16	NV	20	-16.17	-0.006	±2.5	PASS
Band7	20	20850	27	#0	QAM16	NV	10	-18.49	-0.007	±2.5	PASS
Band7	20	20850	27	#0	QAM16	NV	0	-20.82	-0.008	±2.5	PASS
Band7	20	20850	27	#0	QAM16	NV	-10	-18.39	-0.007	±2.5	PASS
Band7	20	20850	27	#0	QAM16	NV	-20	-18.72	-0.007	±2.5	PASS
Band7	20	20850	27	#0	QAM16	NV	-30	-18.66	-0.007	±2.5	PASS
Band7	20	21100	100	#0	QPSK	VL	NT	-16.73	-0.007	±2.5	PASS
Band7	20	21100	100	#0	QPSK	VN	NT	-20.32	-0.008	±2.5	PASS
Band7	20	21100	100	#0	QPSK	VH	NT	-21.71	-0.009	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	50	-20.52	-0.008	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	40	-19.52	-0.008	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	30	-21.92	-0.009	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	20	-18.92	-0.007	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	10	-17.65	-0.007	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	0	-17.43	-0.007	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	-10	-17.13	-0.007	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	-20	-18.35	-0.007	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	-30	-19.91	-0.008	±2.5	PASS
Band7	20	21100	27	#0	QAM16	VL	NT	-20.42	-0.008	±2.5	PASS
Band7	20	21100	27	#0	QAM16	VN	NT	-19.84	-0.008	±2.5	PASS
Band7	20	21100	27	#0	QAM16	VH	NT	-18.36	-0.007	±2.5	PASS

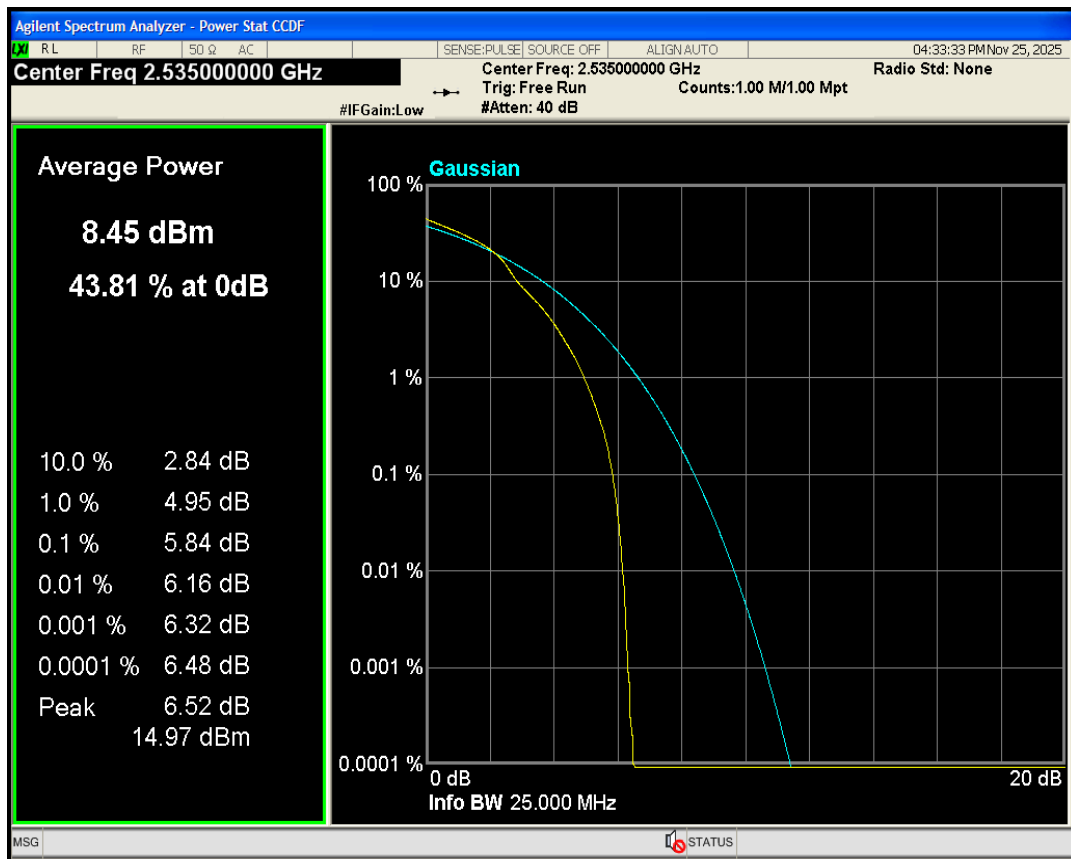
Report

Band7	20	21100	27	#0	QAM16	NV	50	-13.43	-0.005	±2.5	PASS
Band7	20	21100	27	#0	QAM16	NV	40	-17.95	-0.007	±2.5	PASS
Band7	20	21100	27	#0	QAM16	NV	30	-13.99	-0.006	±2.5	PASS
Band7	20	21100	27	#0	QAM16	NV	20	-17.12	-0.007	±2.5	PASS
Band7	20	21100	27	#0	QAM16	NV	10	-14.74	-0.006	±2.5	PASS
Band7	20	21100	27	#0	QAM16	NV	0	-18.48	-0.007	±2.5	PASS
Band7	20	21100	27	#0	QAM16	NV	-10	-16.05	-0.006	±2.5	PASS
Band7	20	21100	27	#0	QAM16	NV	-20	-14.94	-0.006	±2.5	PASS
Band7	20	21100	27	#0	QAM16	NV	-30	-16.73	-0.007	±2.5	PASS
Band7	20	21350	100	#0	QPSK	VL	NT	-10.07	-0.004	±2.5	PASS
Band7	20	21350	100	#0	QPSK	VN	NT	-14.73	-0.006	±2.5	PASS
Band7	20	21350	100	#0	QPSK	VH	NT	-22.11	-0.009	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	50	-18.42	-0.007	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	40	-19.69	-0.008	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	30	-16.90	-0.007	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	20	-16.32	-0.006	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	10	-18.55	-0.007	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	0	-15.46	-0.006	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	-10	-23.04	-0.009	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	-20	-18.91	-0.007	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	-30	-18.43	-0.007	±2.5	PASS
Band7	20	21350	27	#0	QAM16	VL	NT	-17.20	-0.007	±2.5	PASS
Band7	20	21350	27	#0	QAM16	VN	NT	-13.50	-0.005	±2.5	PASS
Band7	20	21350	27	#0	QAM16	VH	NT	-18.22	-0.007	±2.5	PASS
Band7	20	21350	27	#0	QAM16	NV	50	-15.37	-0.006	±2.5	PASS
Band7	20	21350	27	#0	QAM16	NV	40	-21.57	-0.008	±2.5	PASS
Band7	20	21350	27	#0	QAM16	NV	30	-19.34	-0.008	±2.5	PASS
Band7	20	21350	27	#0	QAM16	NV	20	-18.79	-0.007	±2.5	PASS
Band7	20	21350	27	#0	QAM16	NV	10	-18.03	-0.007	±2.5	PASS
Band7	20	21350	27	#0	QAM16	NV	0	-15.86	-0.006	±2.5	PASS
Band7	20	21350	27	#0	QAM16	NV	-10	-18.46	-0.007	±2.5	PASS
Band7	20	21350	27	#0	QAM16	NV	-20	-16.37	-0.006	±2.5	PASS
Band7	20	21350	27	#0	QAM16	NV	-30	-17.02	-0.007	±2.5	PASS

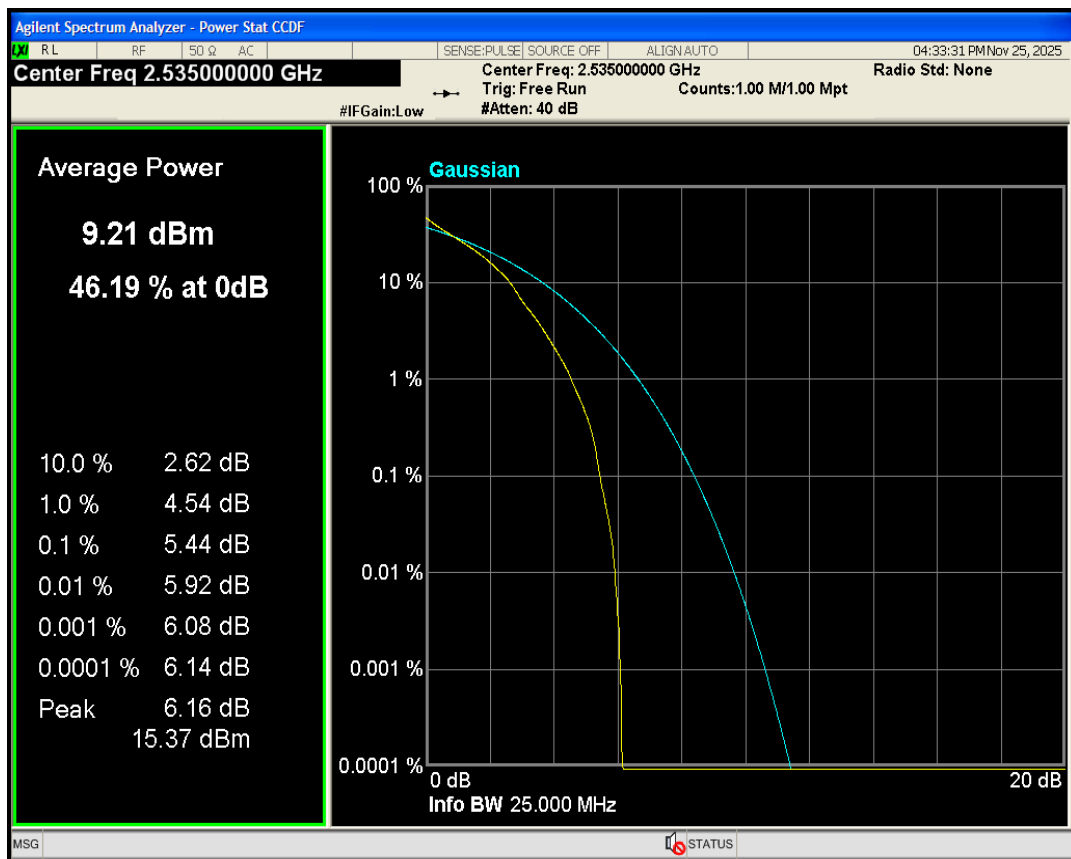
3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band7	5	21100	1	#0	QPSK	5.44	13	PASS
Band7	5	21100	1	#0	QAM16	5.84	13	PASS
Band7	10	21100	1	#0	QPSK	5.29	13	PASS
Band7	10	21100	1	#0	QAM16	5.90	13	PASS
Band7	15	21100	1	#0	QPSK	5.51	13	PASS
Band7	15	21100	1	#0	QAM16	6.23	13	PASS
Band7	20	21100	1	#0	QPSK	5.33	13	PASS
Band7	20	21100	1	#0	QAM16	5.68	13	PASS

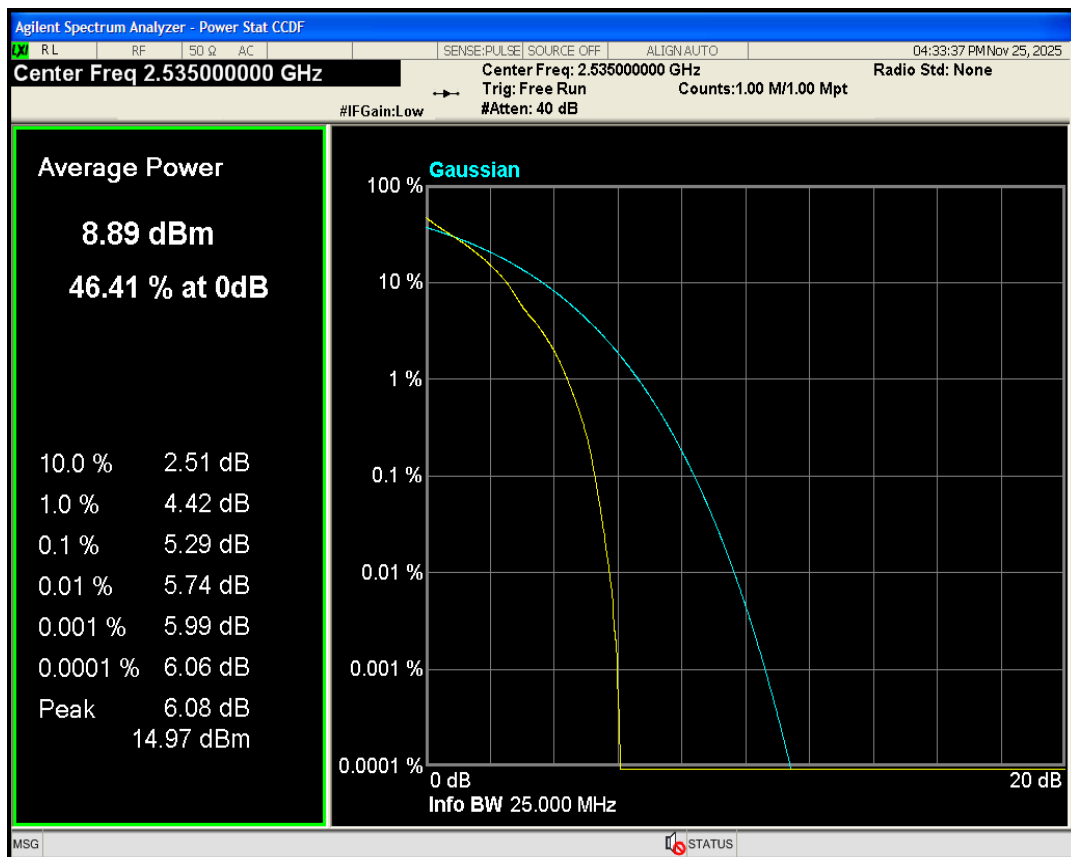
Band7 QAM16 BW=5MHz Channel=21100 RB Size=1 Position=#0



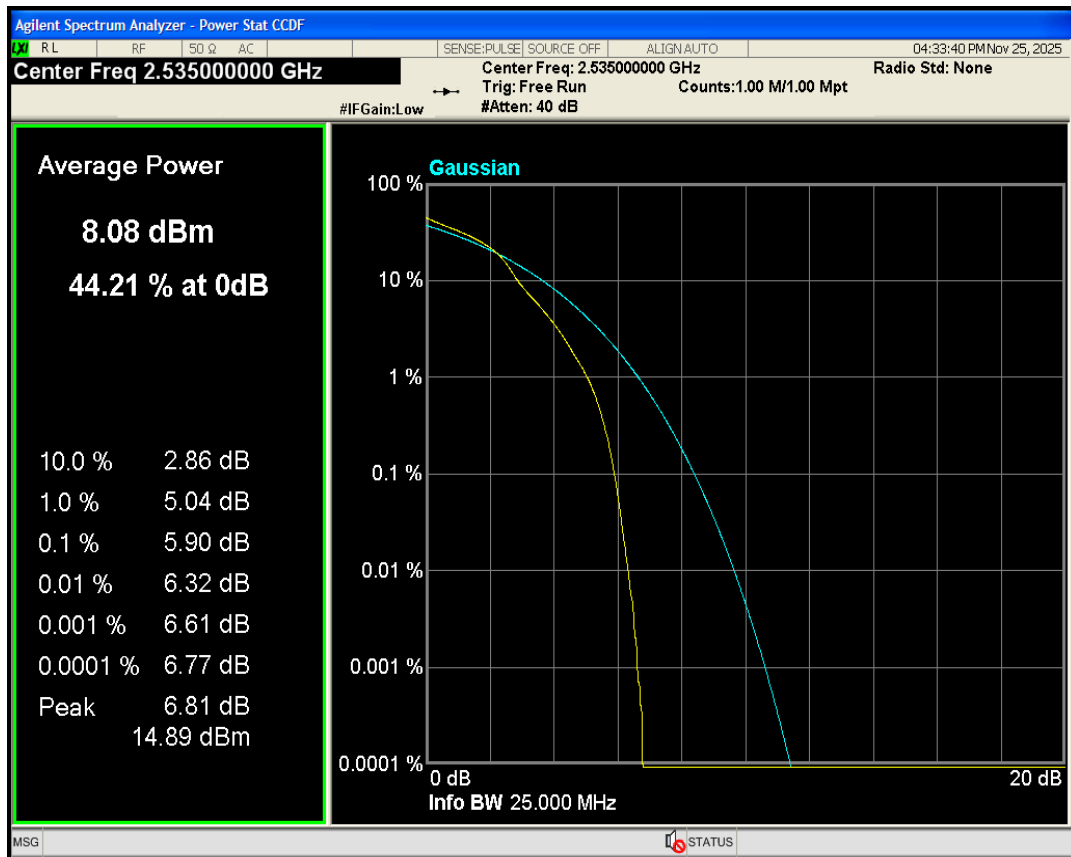
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



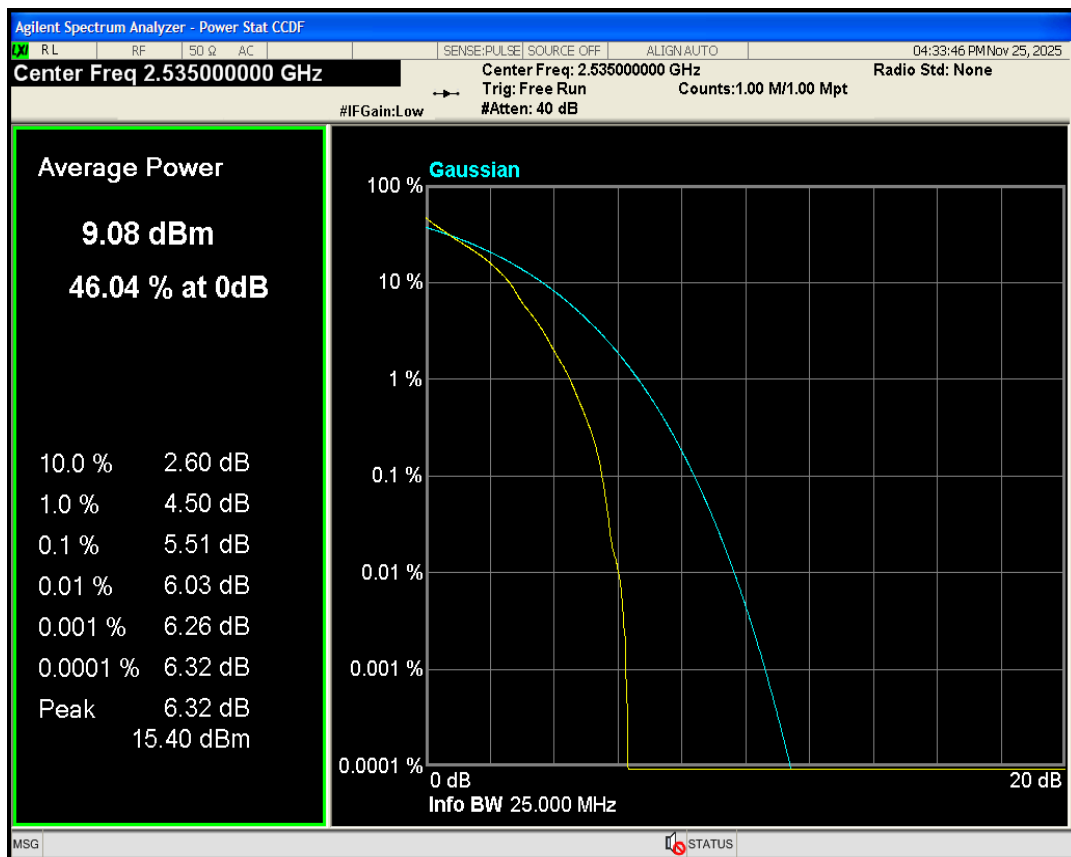
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



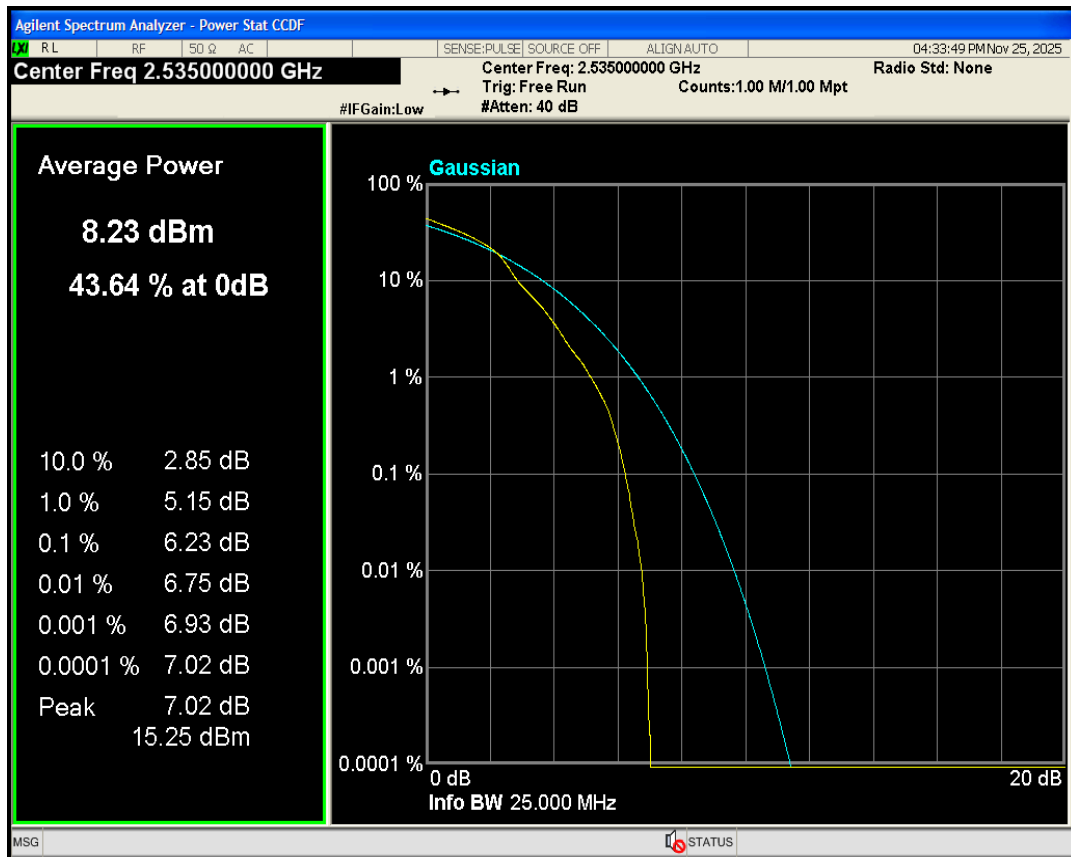
Band7 QAM16 BW=10MHz Channel=21100 RB Size=1 Position=#0



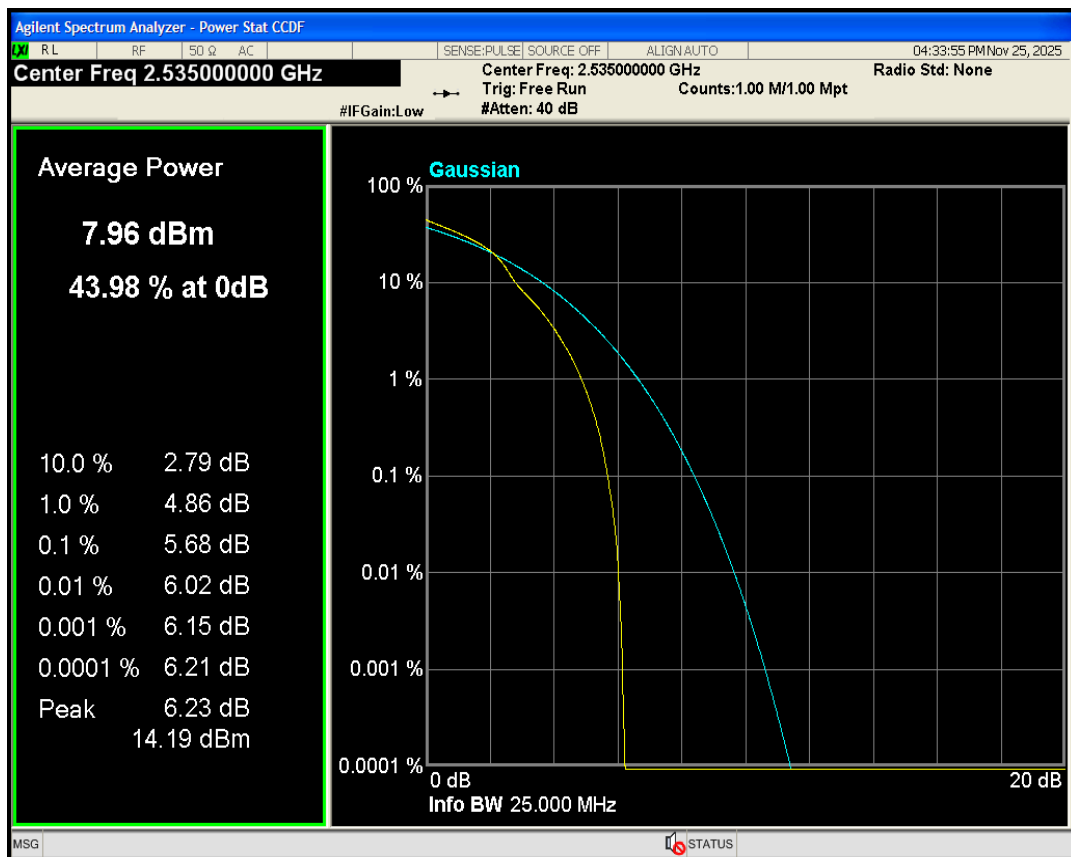
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



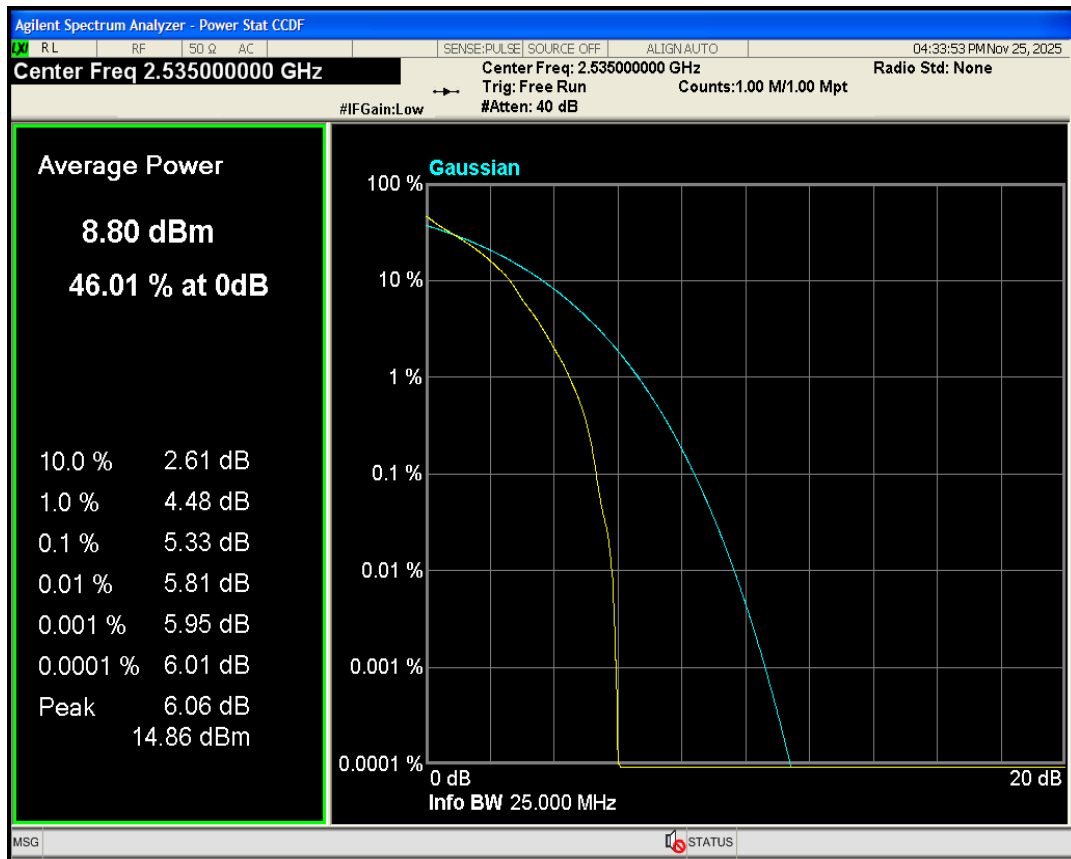
Band7 QAM16 BW=15MHz Channel=21100 RB Size=1 Position=#0



Band7 QAM16 BW=20MHz Channel=21100 RB Size=1 Position=#0



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

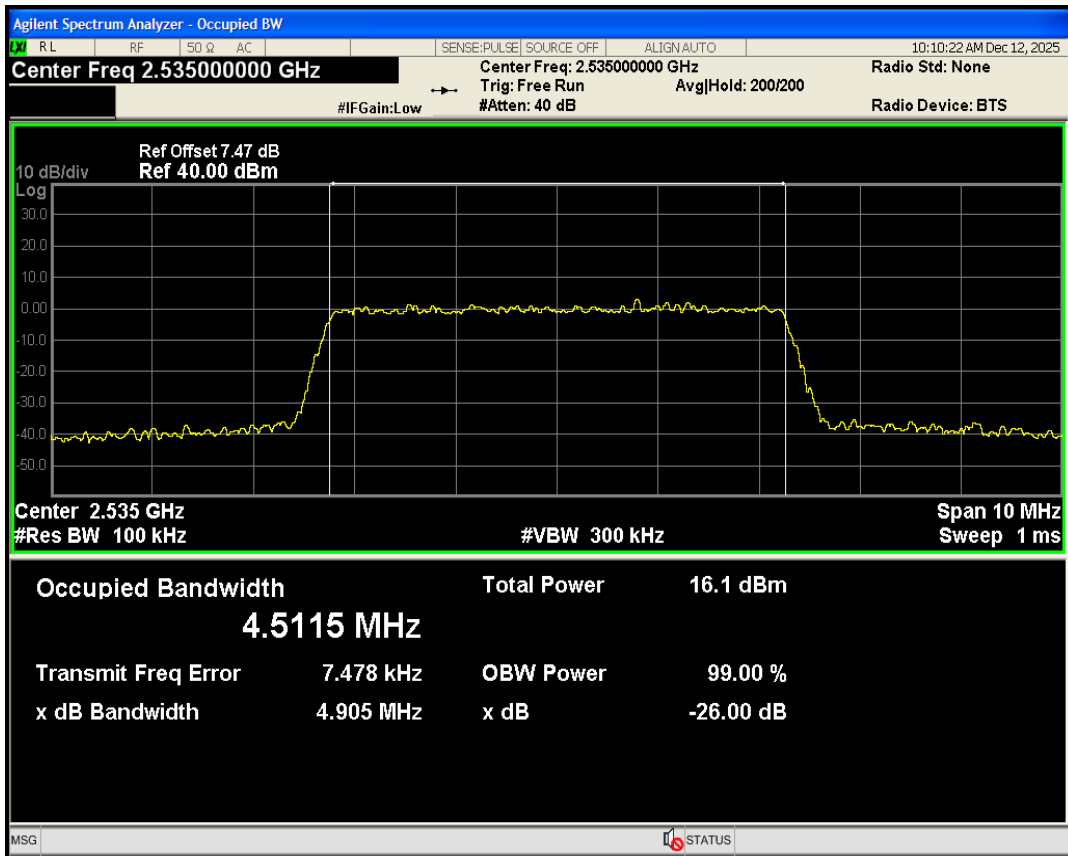


4. Occupied bandwidth

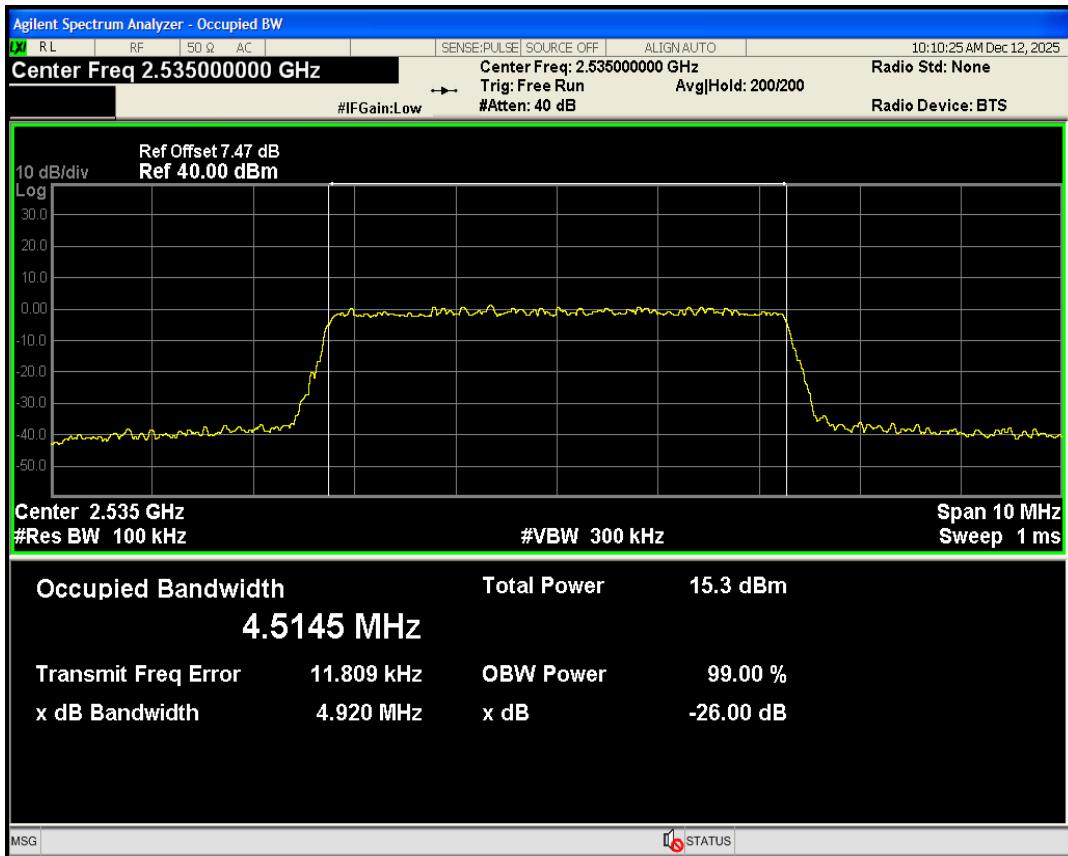
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band7	5	20775	25	#0	QPSK	4.508	4.893	PASS
Band7	5	20775	25	#0	QAM16	4.529	4.965	PASS
Band7	5	21100	25	#0	QPSK	4.511	4.905	PASS
Band7	5	21100	25	#0	QAM16	4.514	4.920	PASS
Band7	5	21425	25	#0	QPSK	4.521	4.919	PASS
Band7	5	21425	25	#0	QAM16	4.508	4.930	PASS
Band7	10	20800	50	#0	QPSK	8.960	9.677	PASS
Band7	10	20800	27	#0	QAM16	4.968	5.695	PASS
Band7	10	21100	50	#0	QPSK	9.004	9.585	PASS
Band7	10	21100	27	#0	QAM16	4.957	5.575	PASS
Band7	10	21400	50	#0	QPSK	9.004	9.715	PASS
Band7	10	21400	27	#0	QAM16	4.974	5.608	PASS
Band7	15	20825	75	#0	QPSK	13.444	14.399	PASS
Band7	15	20825	27	#0	QAM16	5.070	5.800	PASS
Band7	15	21100	75	#0	QPSK	13.429	14.424	PASS
Band7	15	21100	27	#0	QAM16	5.017	5.749	PASS
Band7	15	21375	75	#0	QPSK	13.469	14.450	PASS
Band7	15	21375	27	#0	QAM16	5.066	6.040	PASS
Band7	20	20850	100	#0	QPSK	17.882	19.120	PASS
Band7	20	20850	27	#0	QAM16	5.233	7.263	PASS
Band7	20	21100	100	#0	QPSK	17.954	19.146	PASS
Band7	20	21100	27	#0	QAM16	5.215	6.073	PASS
Band7	20	21350	100	#0	QPSK	17.891	18.978	PASS
Band7	20	21350	27	#0	QAM16	5.221	7.179	PASS

Report

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

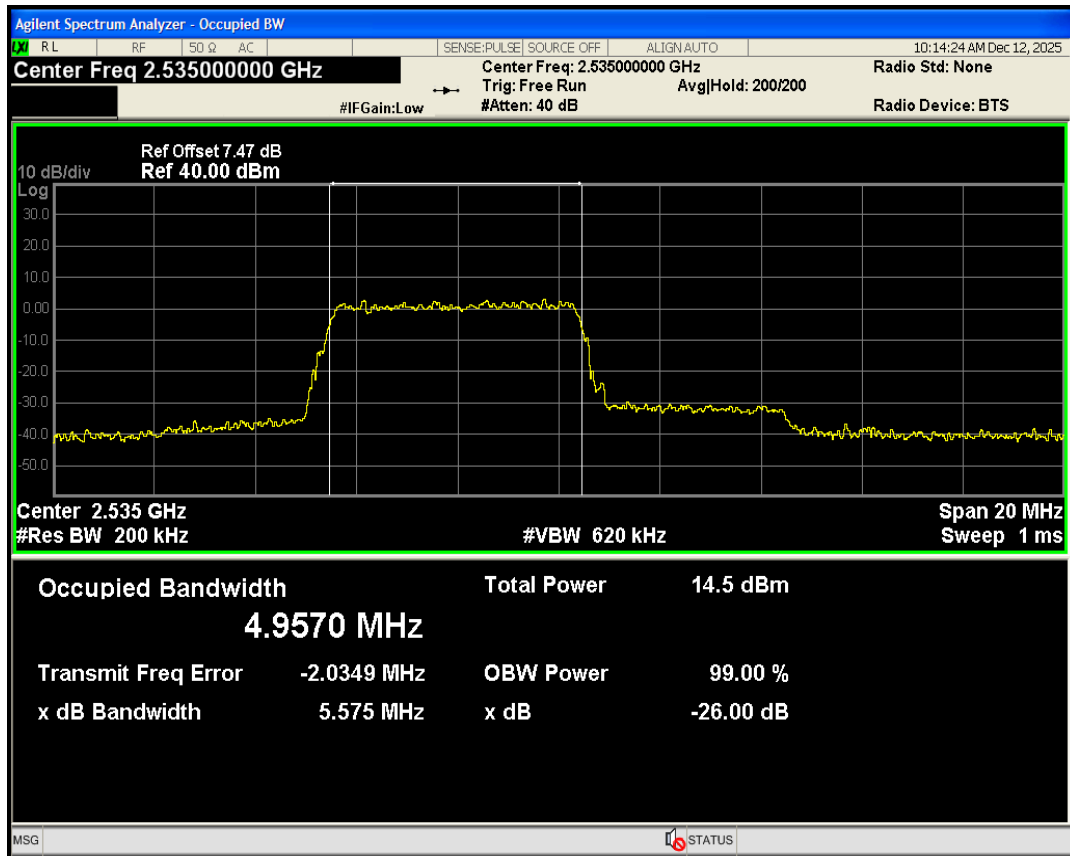


Band7 QAM16 BW=5MHz Channel=21100 RB Size=25 Position=#0

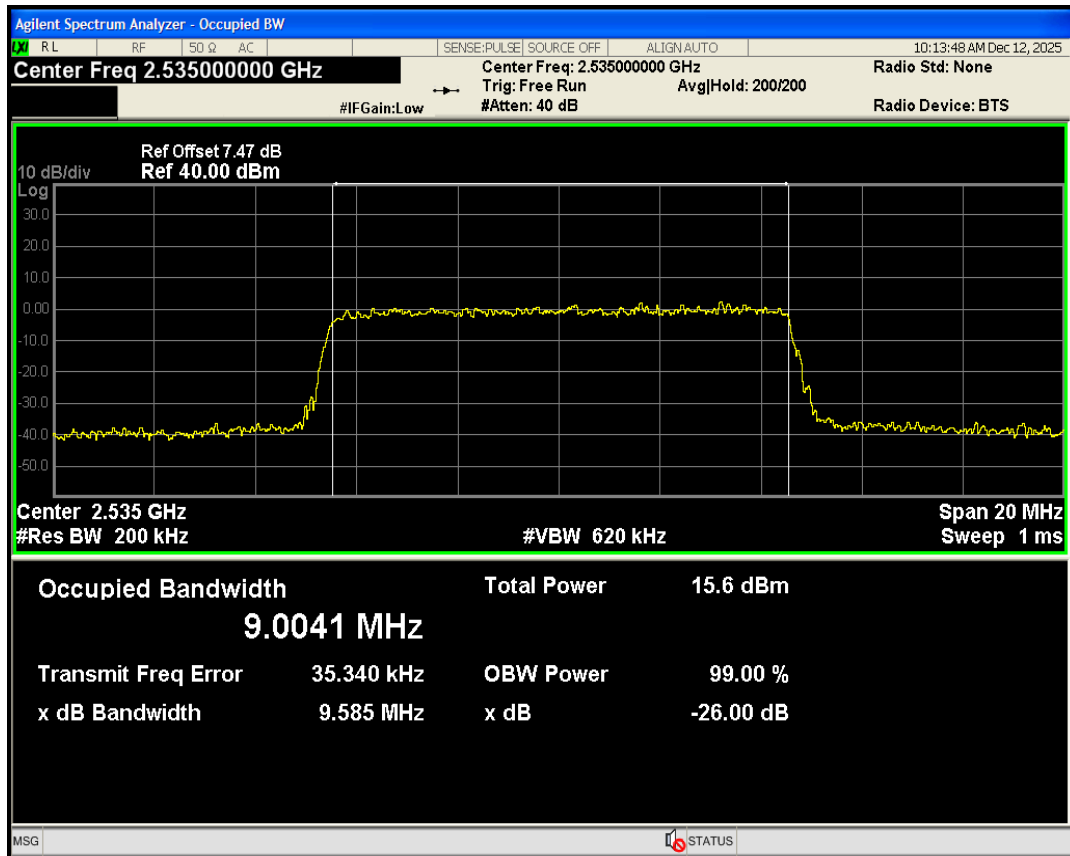


Report

Band7 QAM16 BW=10MHz Channel=21100 RB Size=27 Position=#0

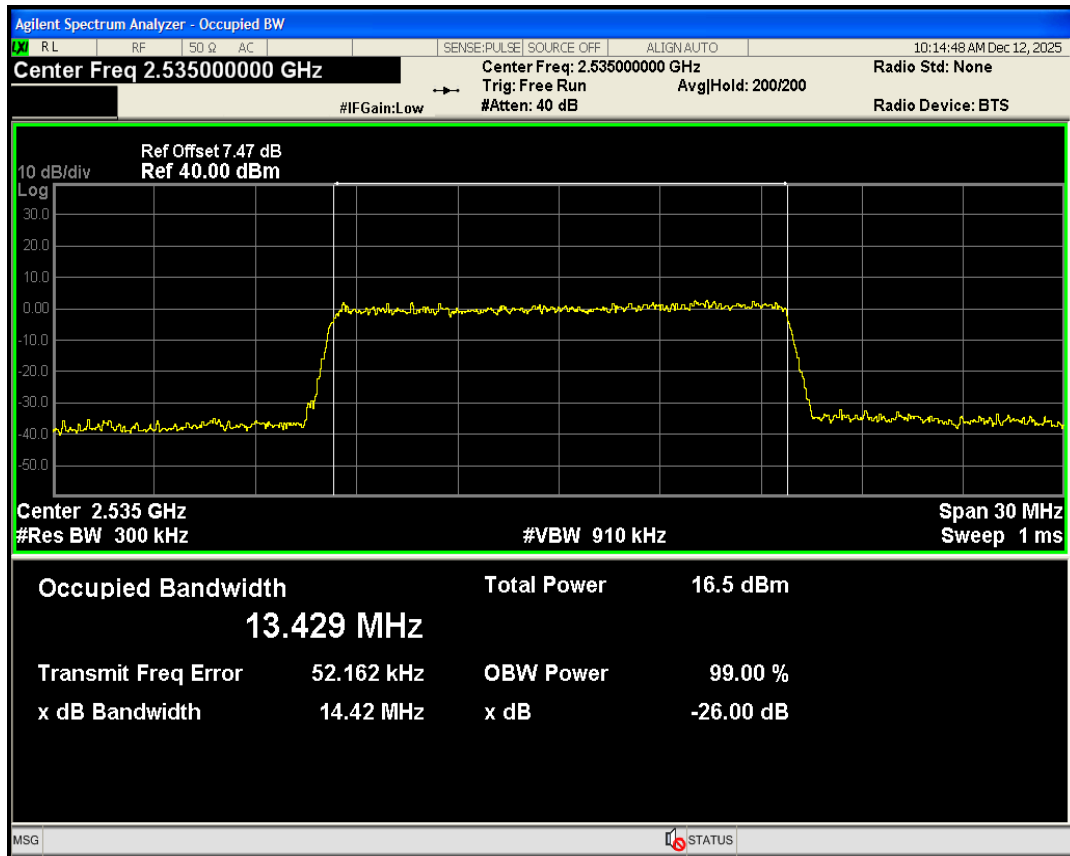


Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0

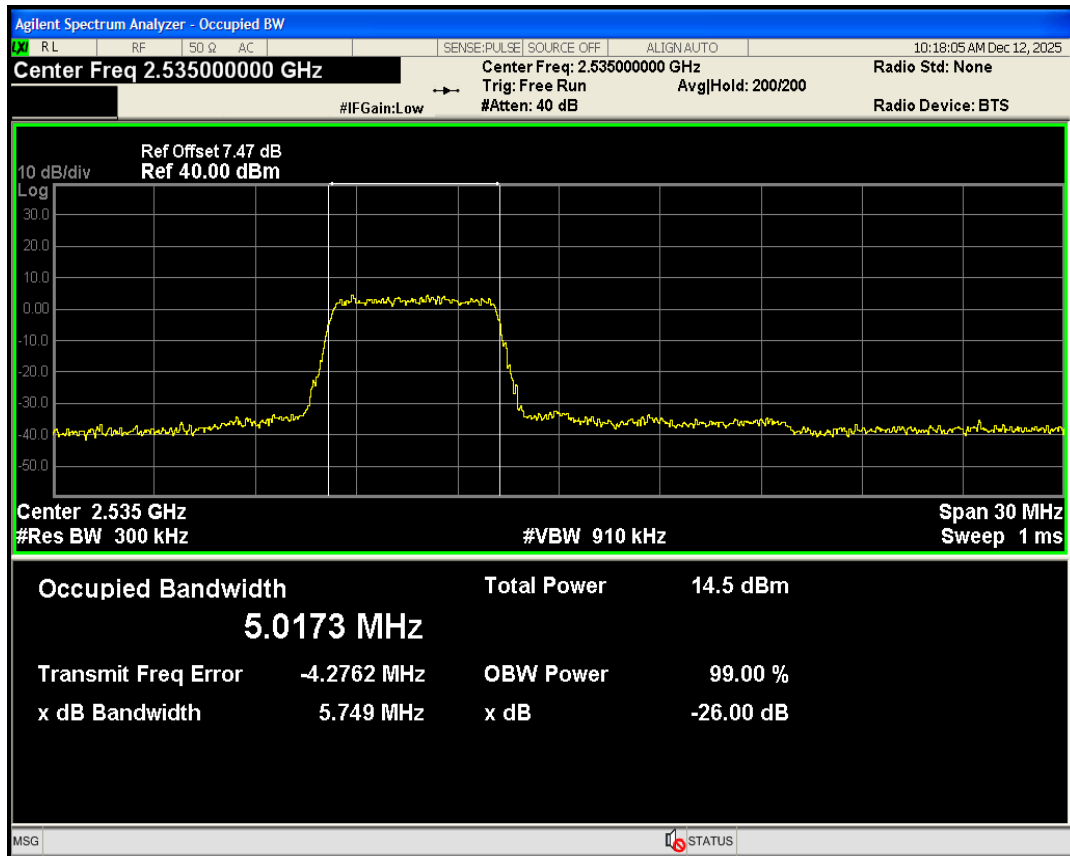


Report

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

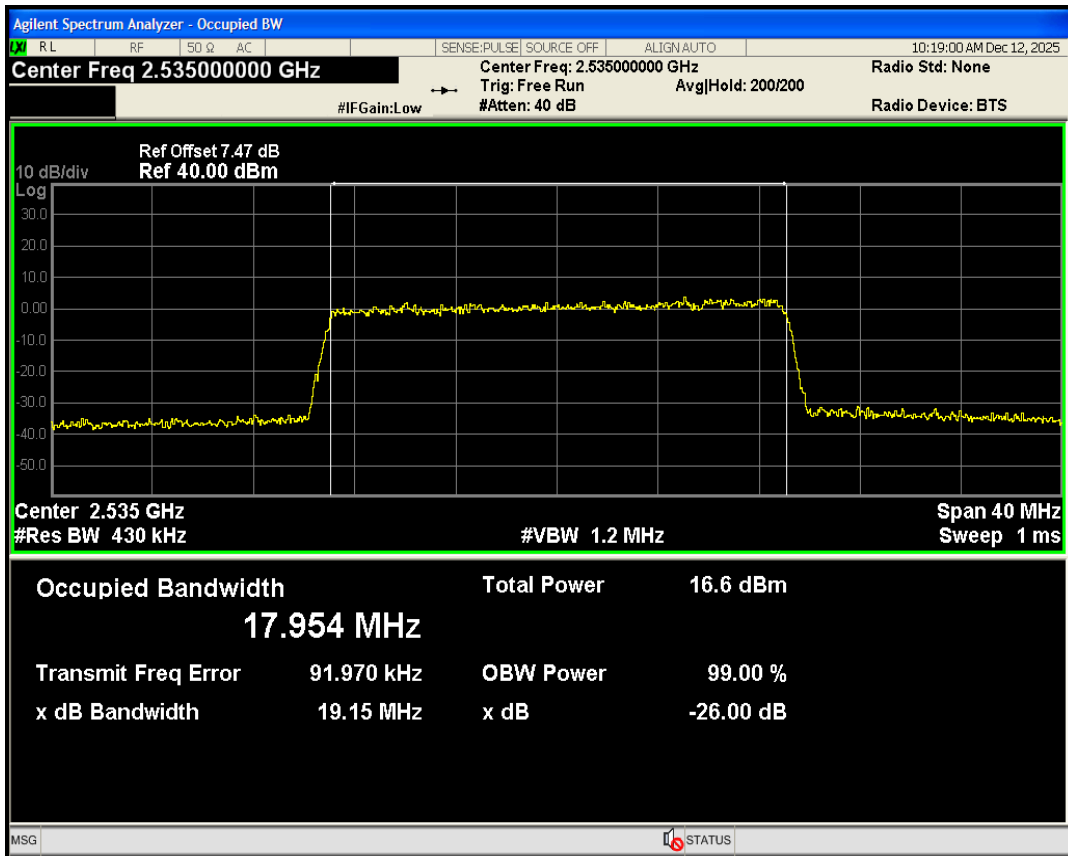


Band7 QAM16 BW=15MHz Channel=21100 RB Size=27 Position=#0

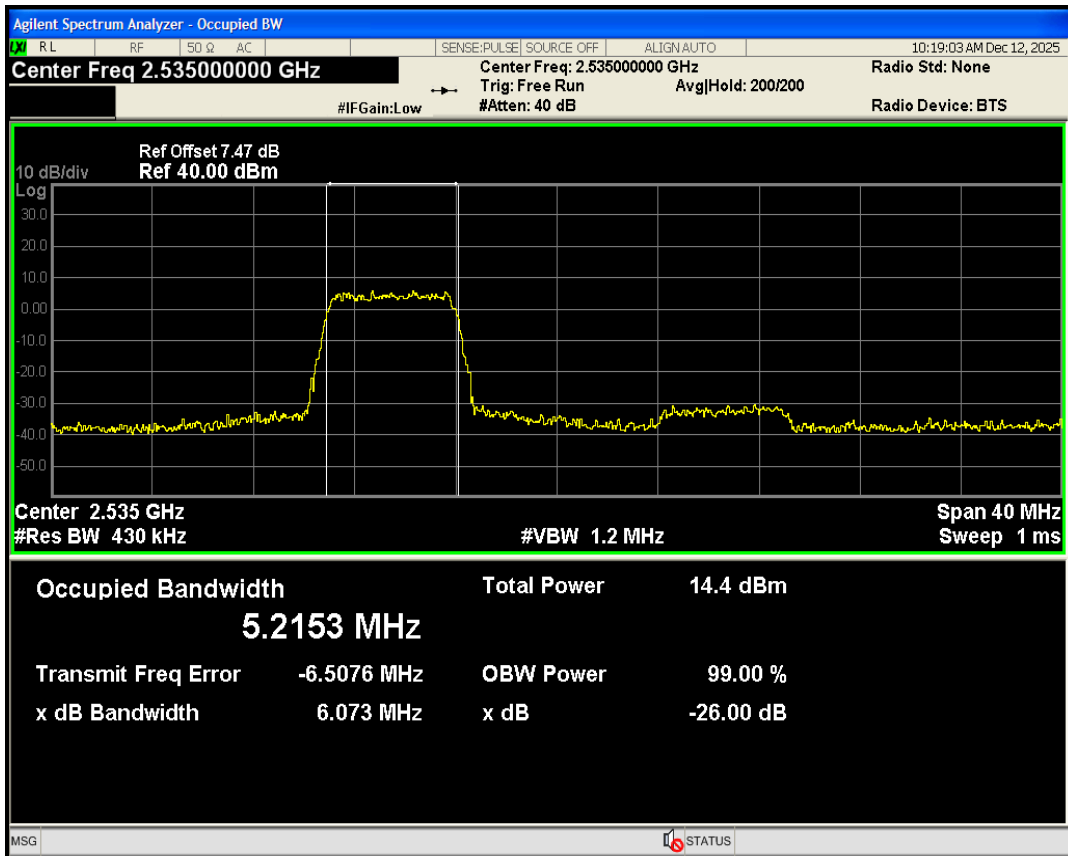


Report

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

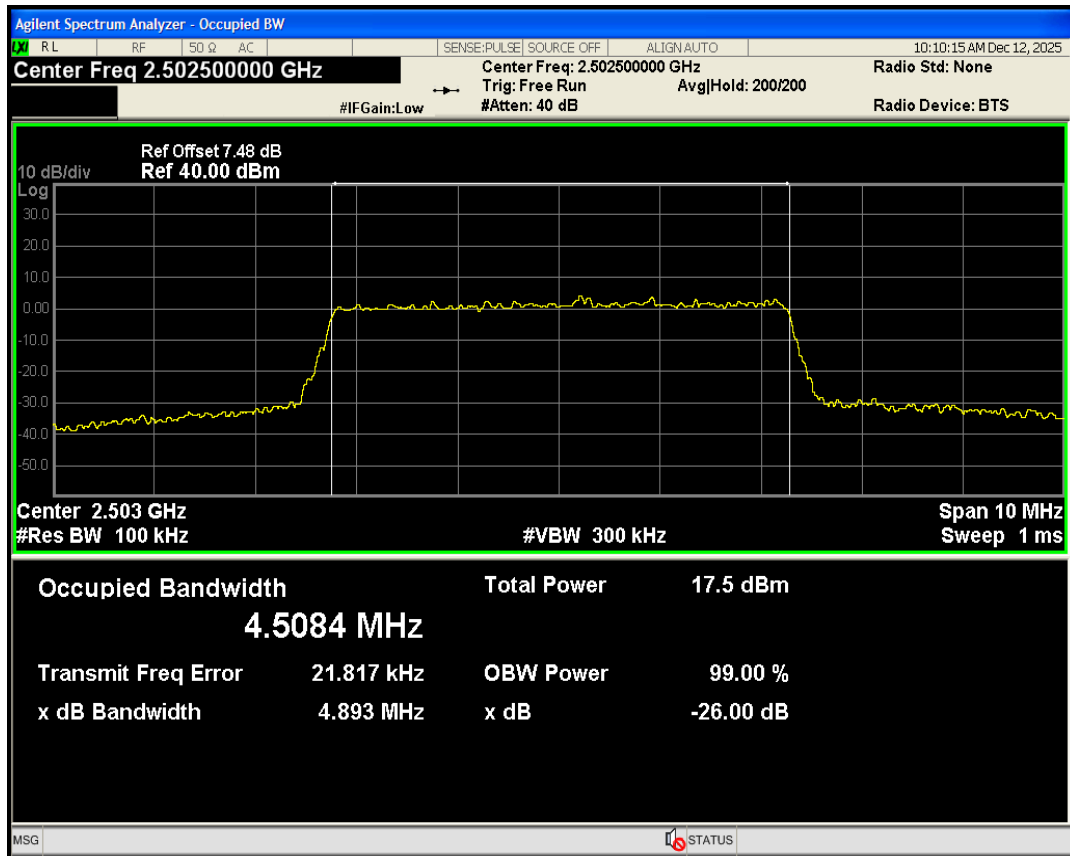


Band7 QAM16 BW=20MHz Channel=21100 RB Size=27 Position=#0

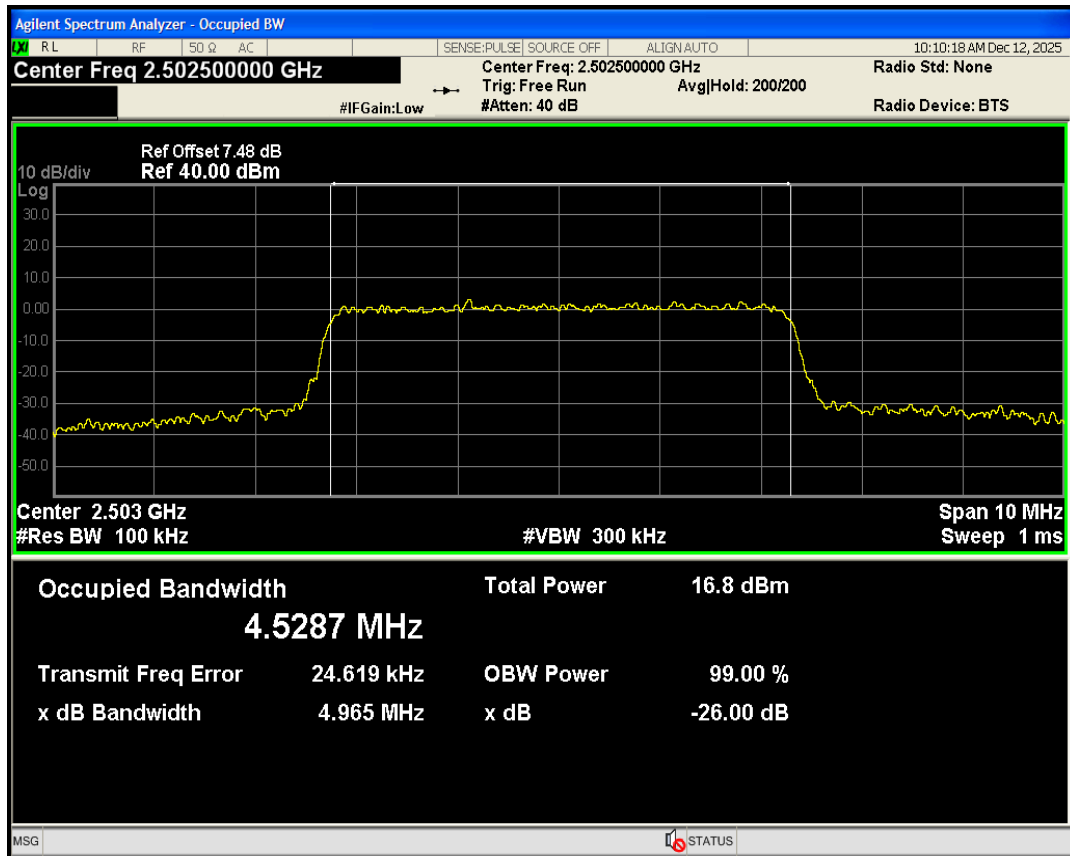


Report

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

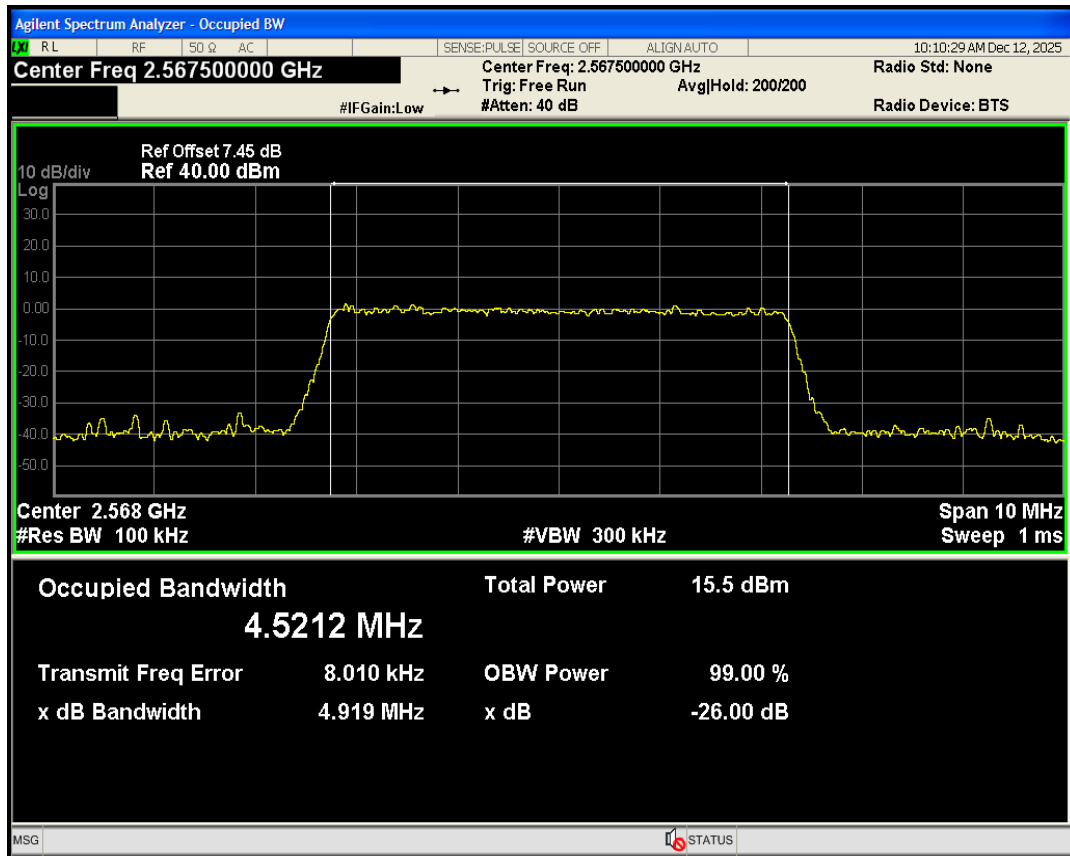


Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0

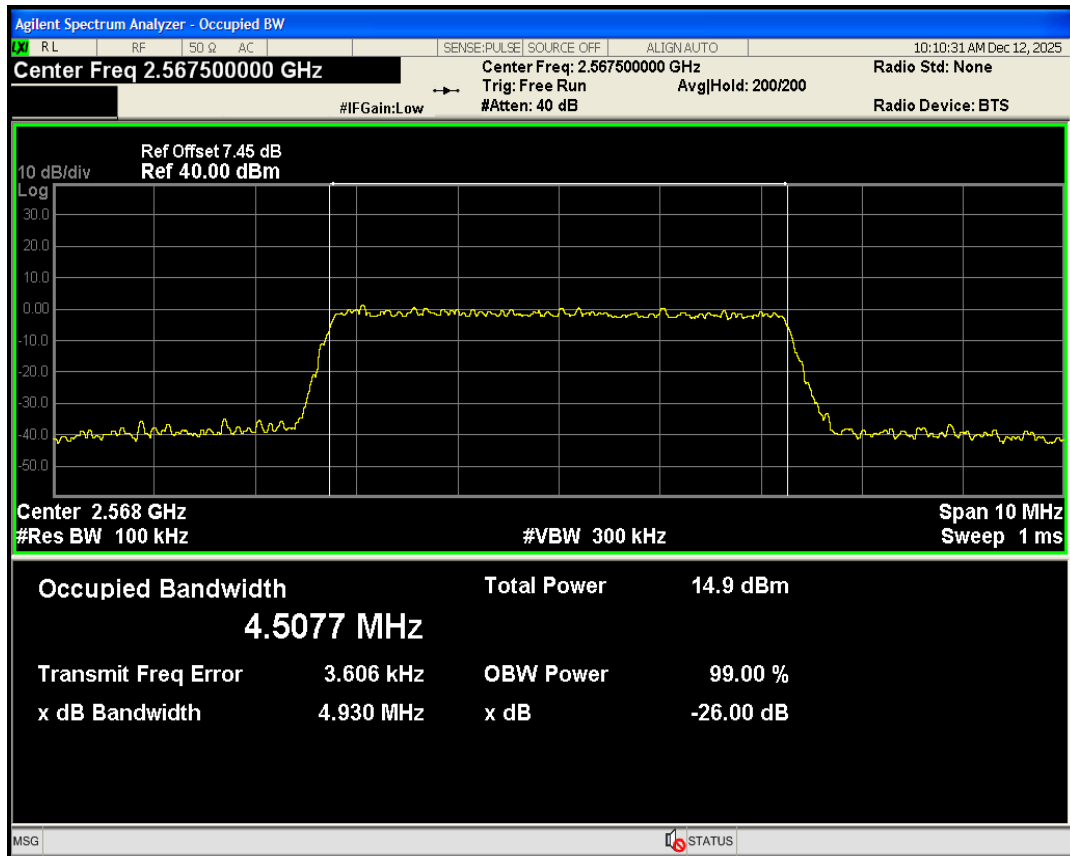


Report

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

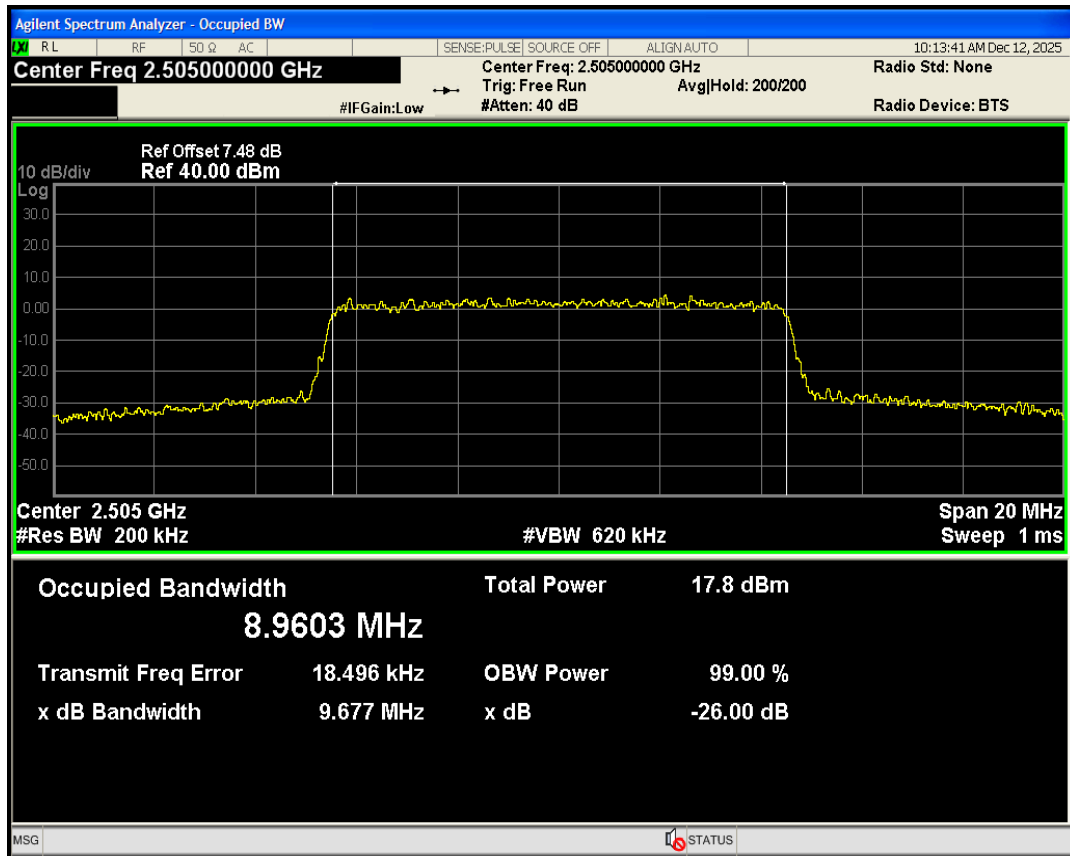


Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0

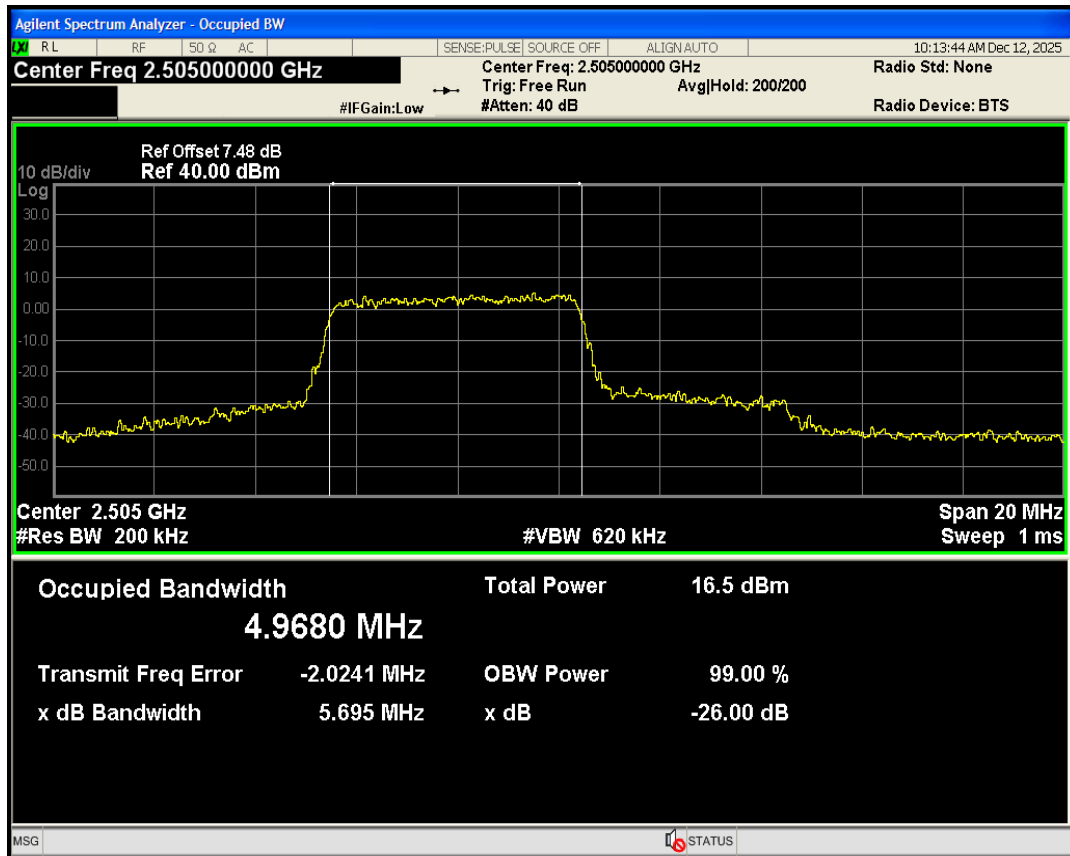


Report

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

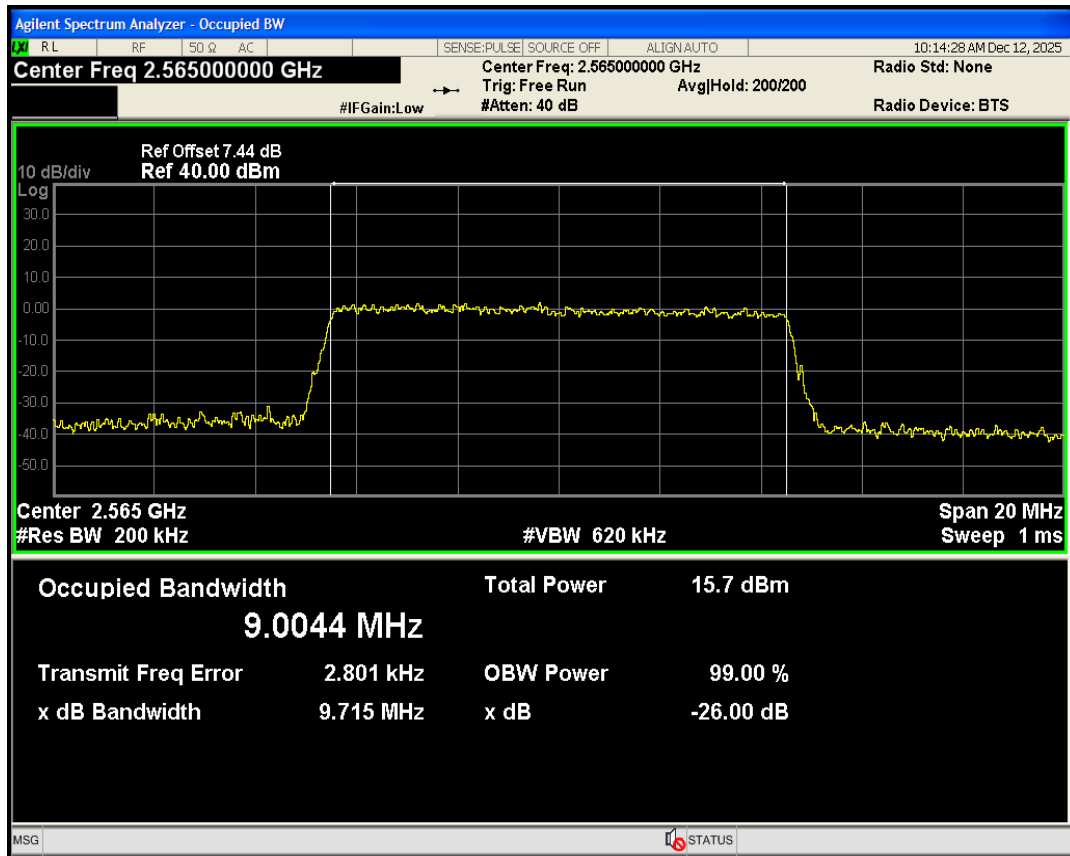


Band7 QAM16 BW=10MHz Channel=20800 RB Size=27 Position=#0

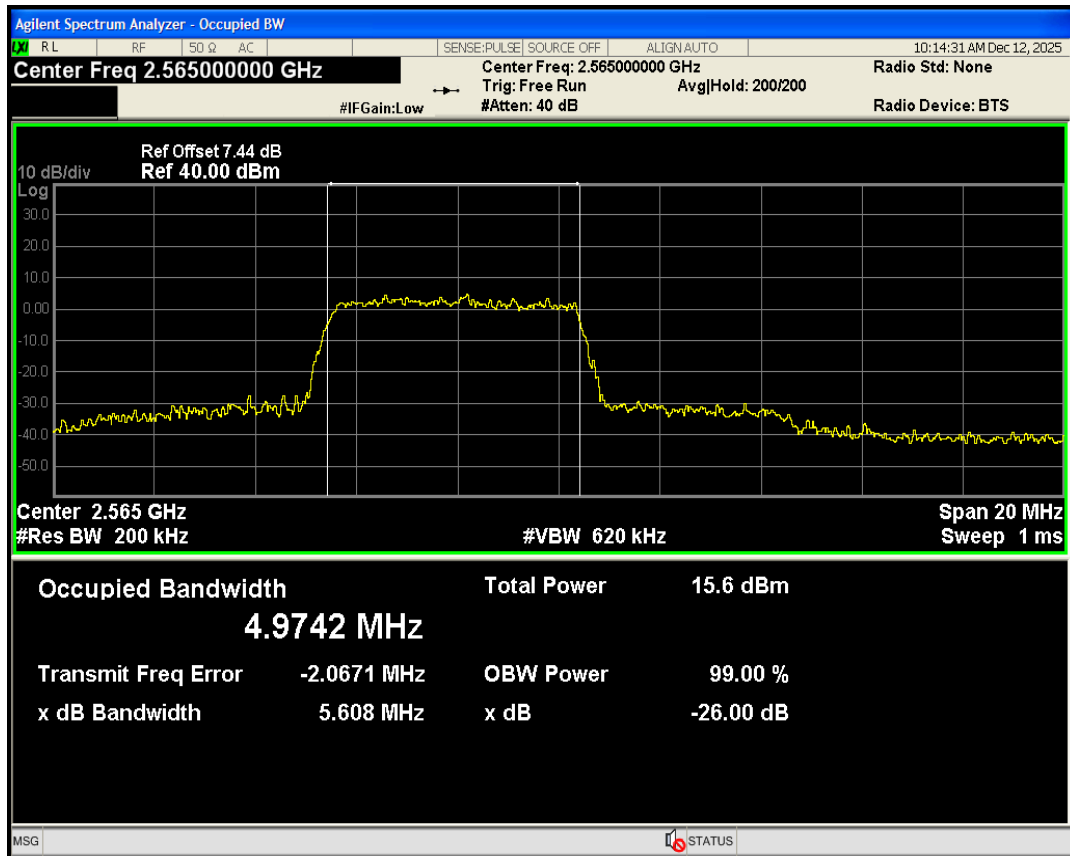


Report

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

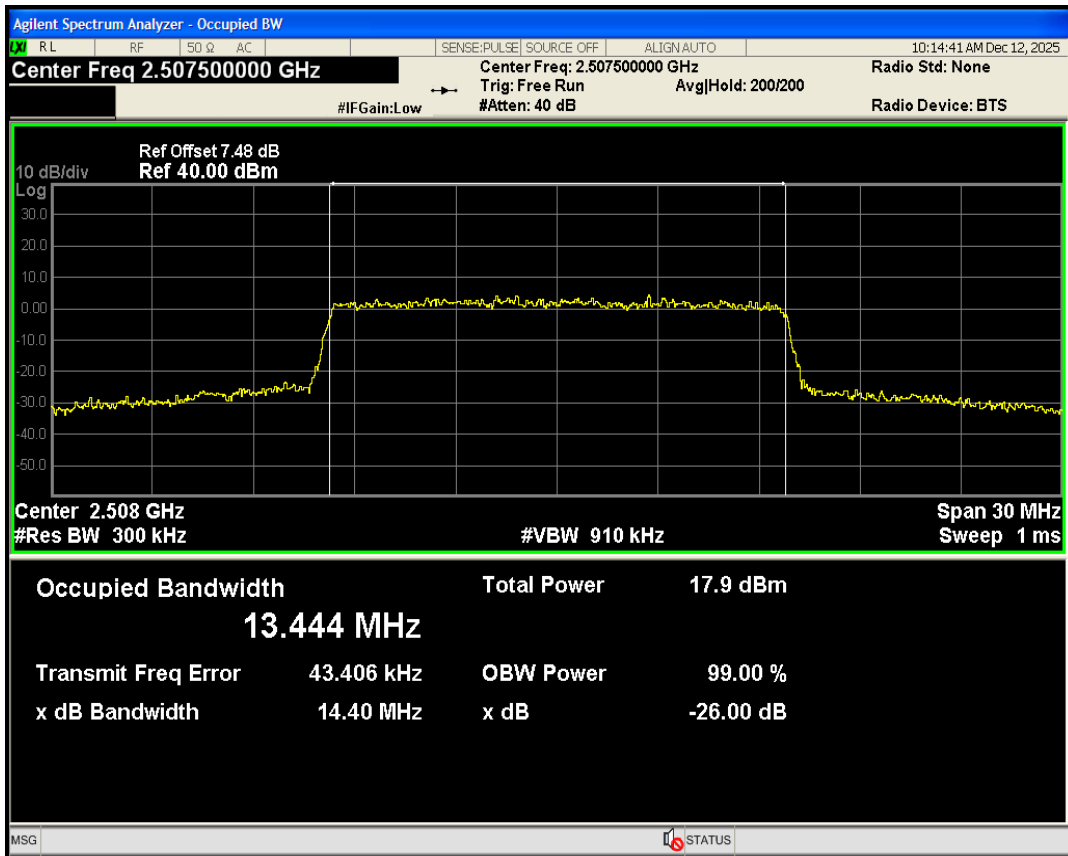


Band7 QAM16 BW=10MHz Channel=21400 RB Size=27 Position=#0

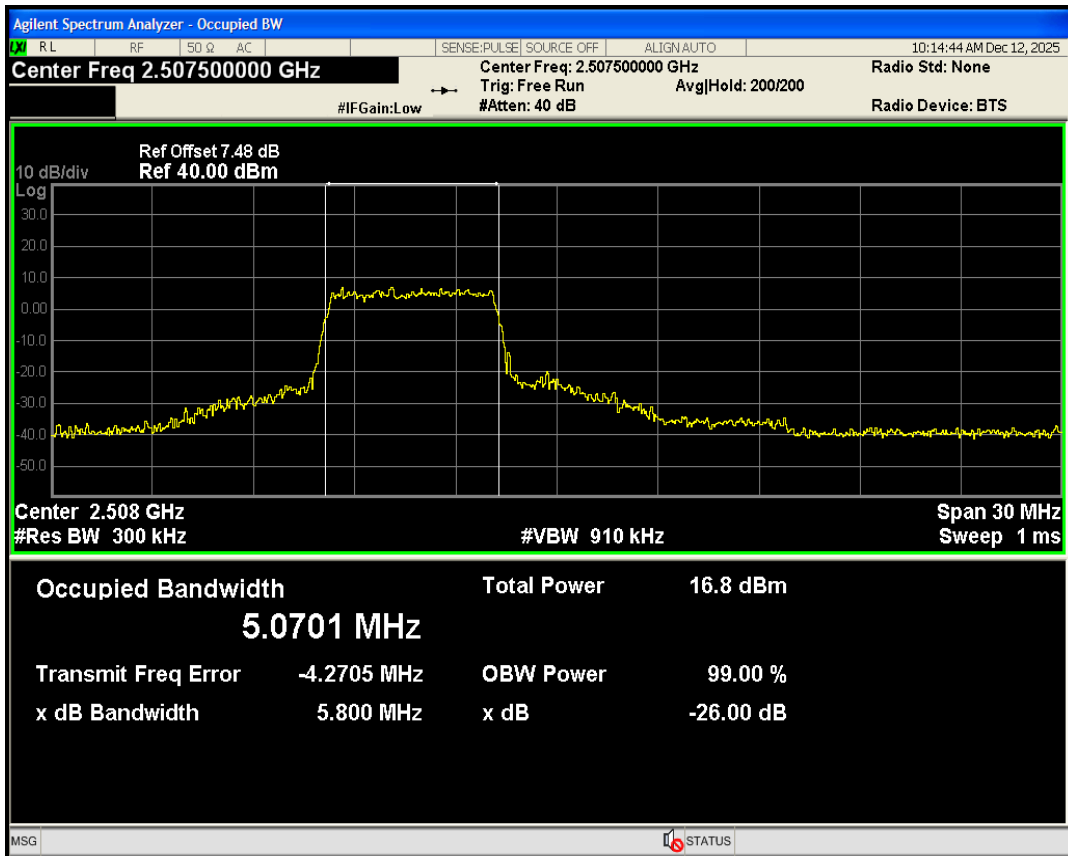


Report

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

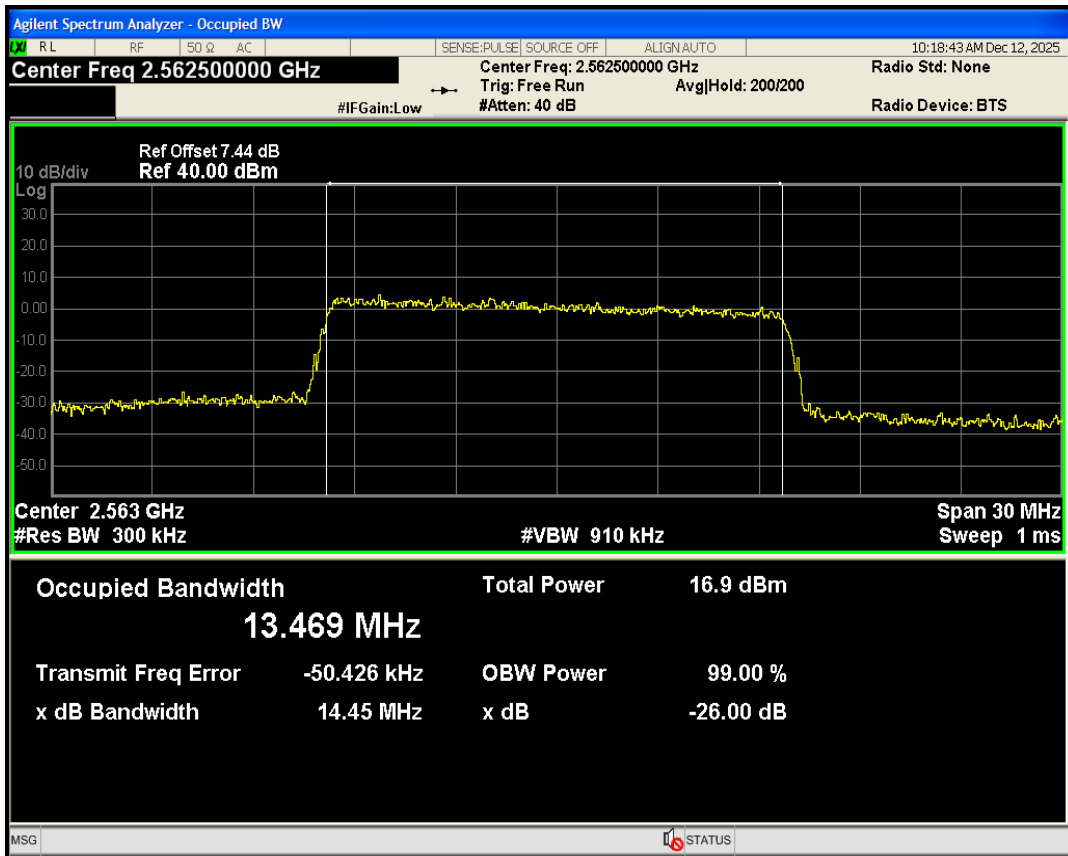


Band7 QAM16 BW=15MHz Channel=20825 RB Size=27 Position=#0

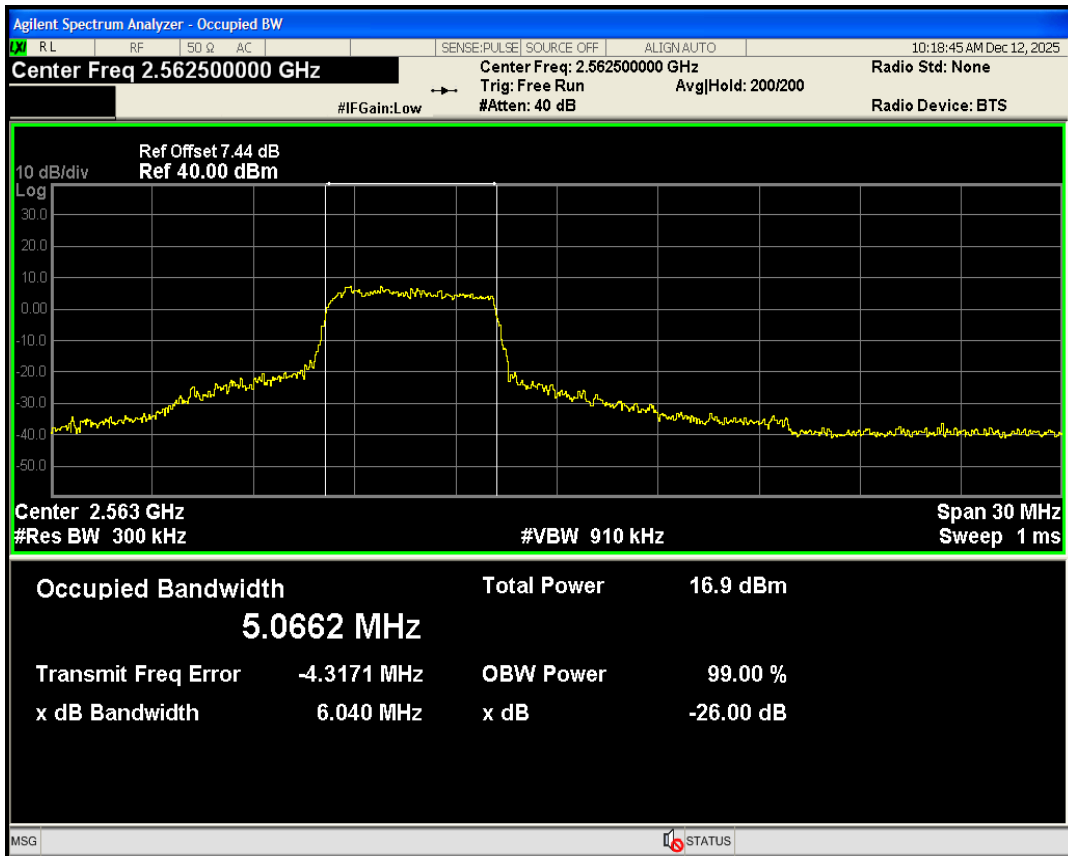


Report

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

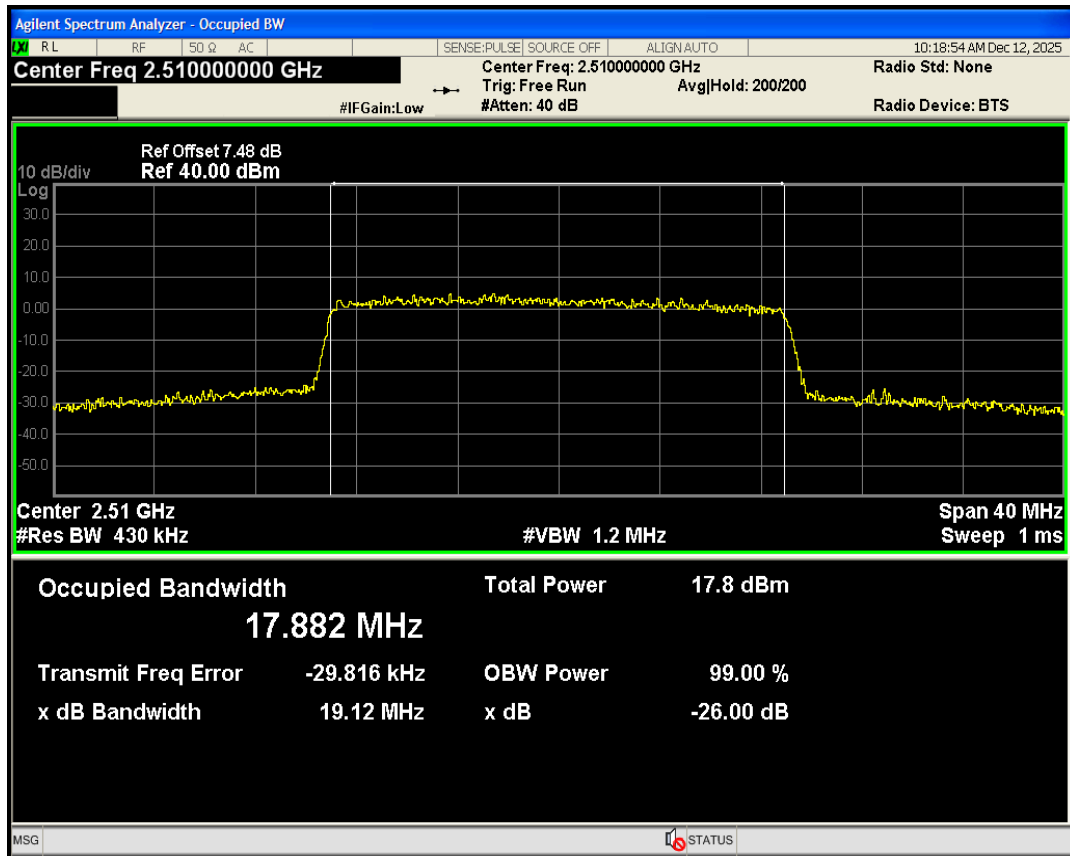


Band7 QAM16 BW=15MHz Channel=21375 RB Size=27 Position=#0

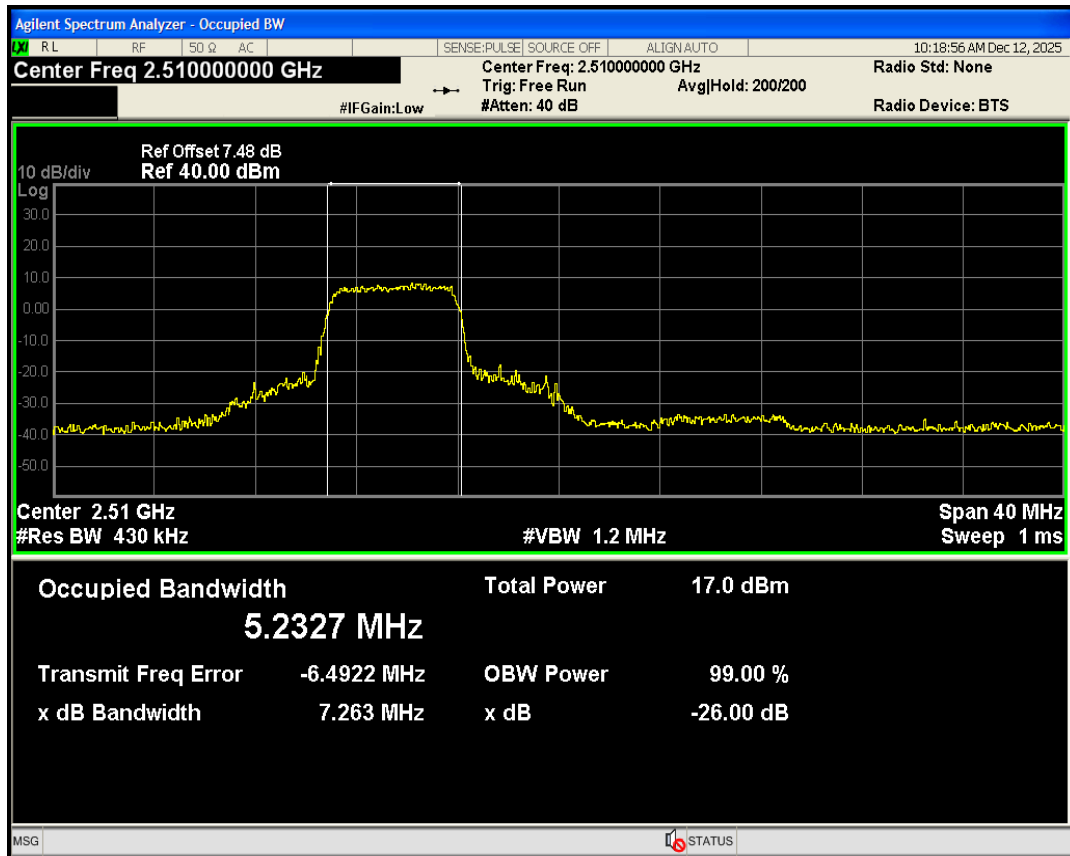


Report

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

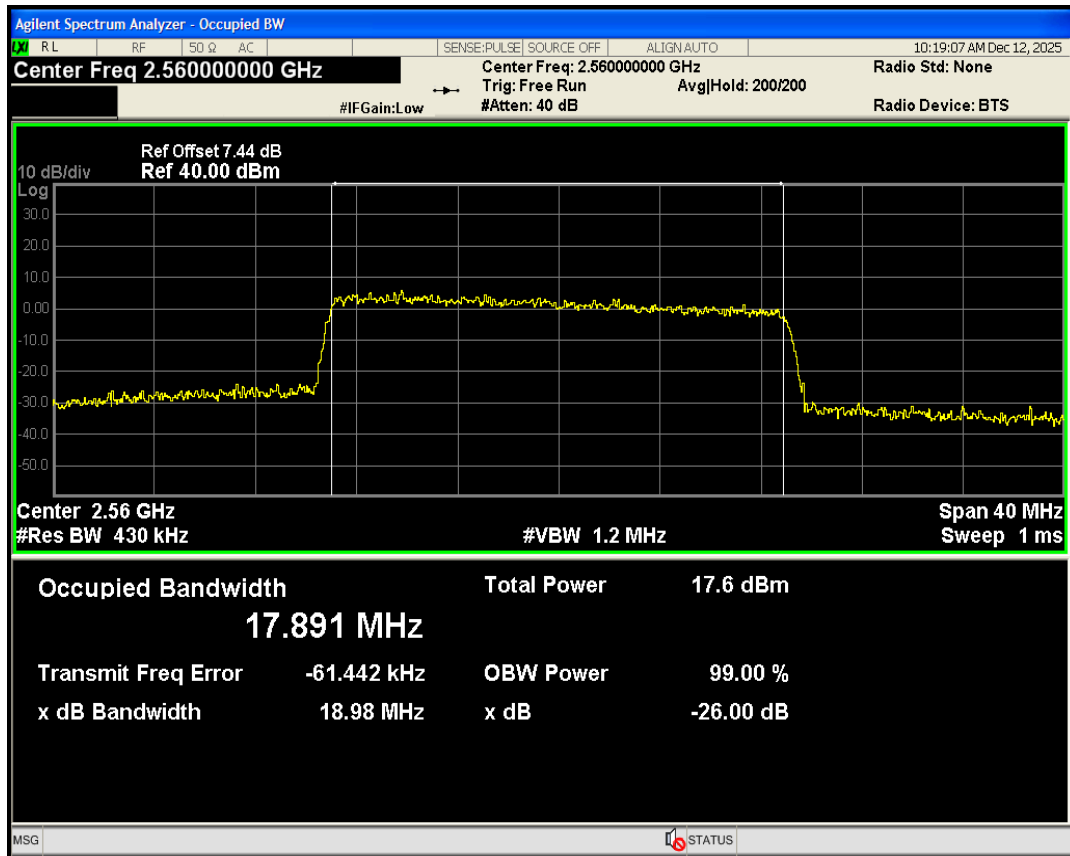


Band7 QAM16 BW=20MHz Channel=20850 RB Size=27 Position=#0

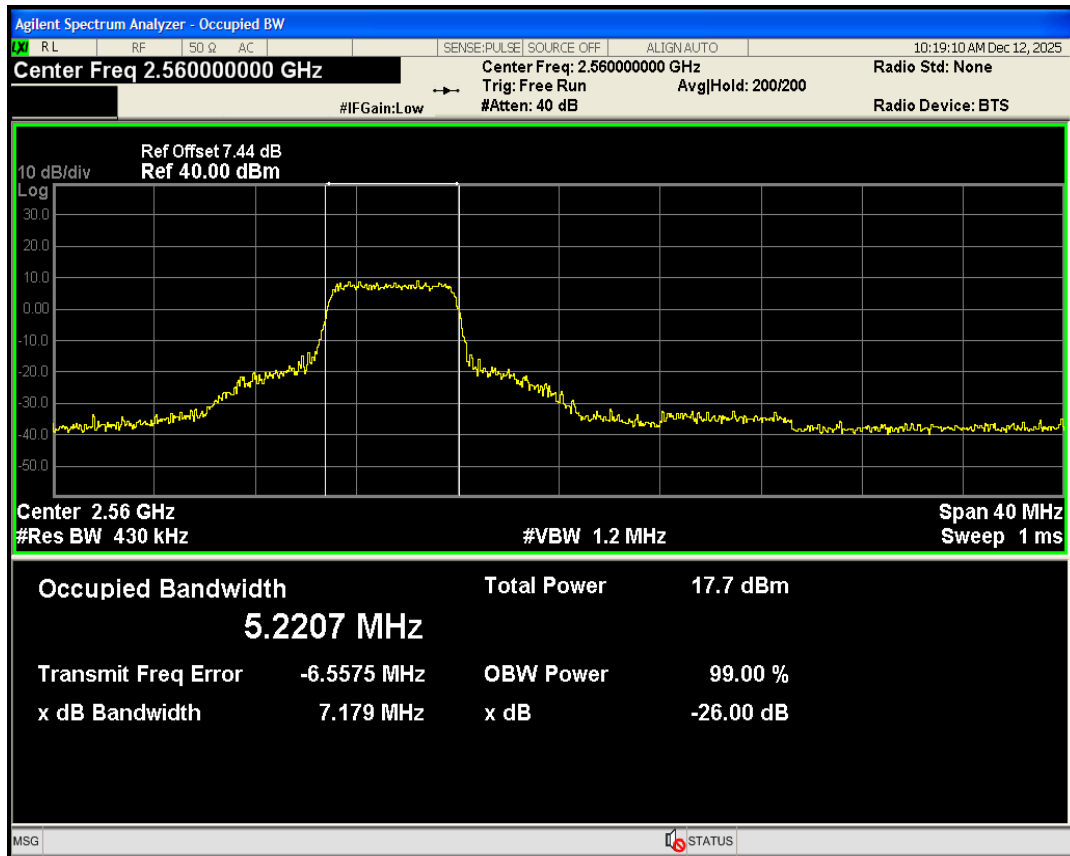


Report

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



Band7 QAM16 BW=20MHz Channel=21350 RB Size=27 Position=#0

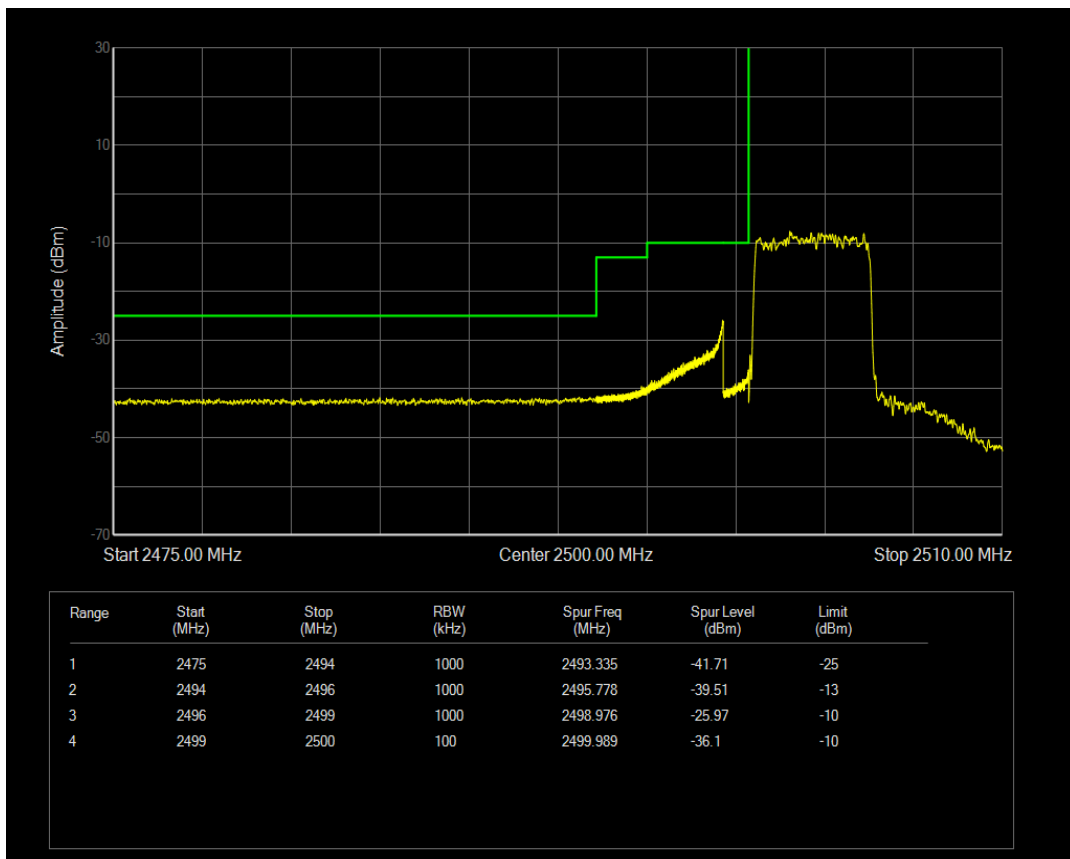


5. Band edge

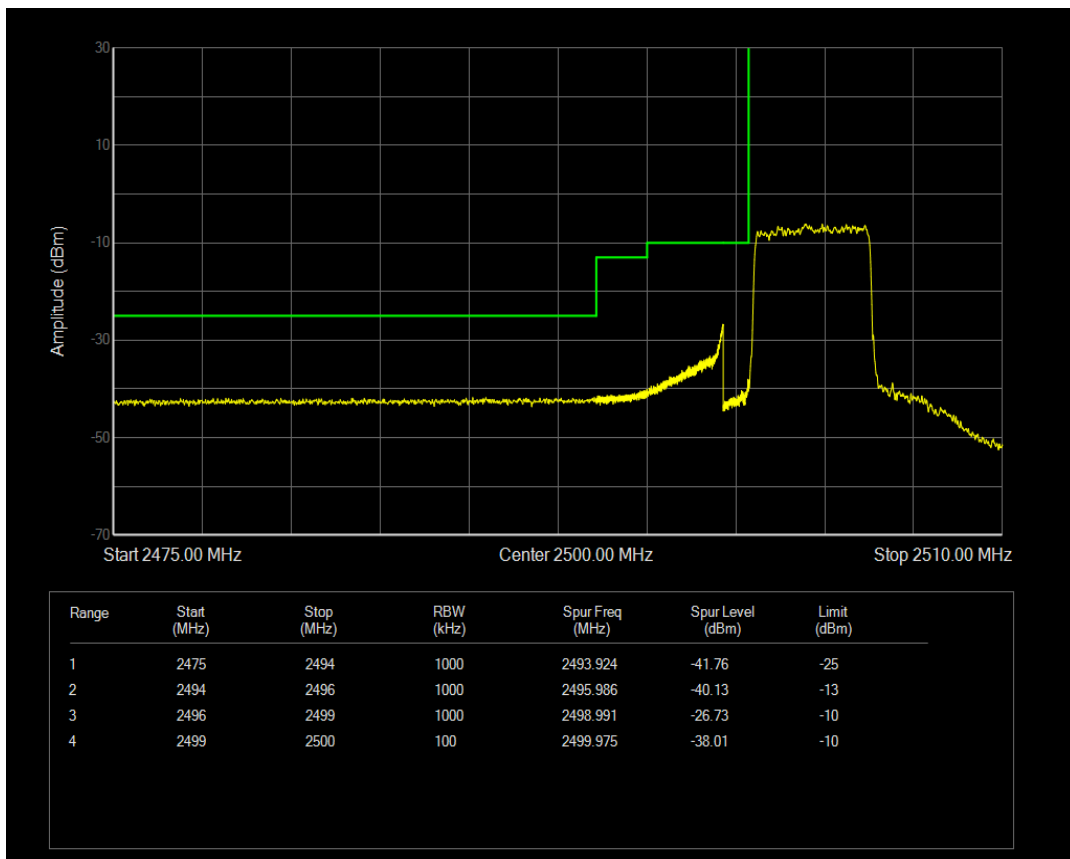
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	2498.98	-25.97	-10	PASS
Band7	5	20775	25	#0	QAM16	2498.99	-26.73	-10	PASS
Band7	5	21425	25	#0	QPSK	2592.25	-41.42	-25	PASS
Band7	5	21425	25	#0	QAM16	2582.37	-41.46	-25	PASS
Band7	10	20800	50	#0	QPSK	2490.00	-41.41	-25	PASS
Band7	10	20800	27	#0	QAM16	2479.20	-41.71	-25	PASS
Band7	10	21400	50	#0	QPSK	2588.55	-41.40	-25	PASS
Band7	10	21400	27	#0	QAM16	2594.60	-41.32	-25	PASS
Band7	15	20825	75	#0	QPSK	2484.75	-41.13	-25	PASS
Band7	15	20825	27	#0	QAM16	2479.46	-41.78	-25	PASS
Band7	15	21375	75	#0	QPSK	2585.11	-40.75	-25	PASS
Band7	15	21375	27	#0	QAM16	2593.29	-41.39	-25	PASS
Band7	20	20850	100	#0	QPSK	2479.55	-41.87	-25	PASS
Band7	20	20850	27	#0	QAM16	2476.71	-41.78	-25	PASS
Band7	20	21350	100	#0	QPSK	2590.29	-41.28	-25	PASS
Band7	20	21350	27	#0	QAM16	2593.14	-41.51	-25	PASS

Report

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

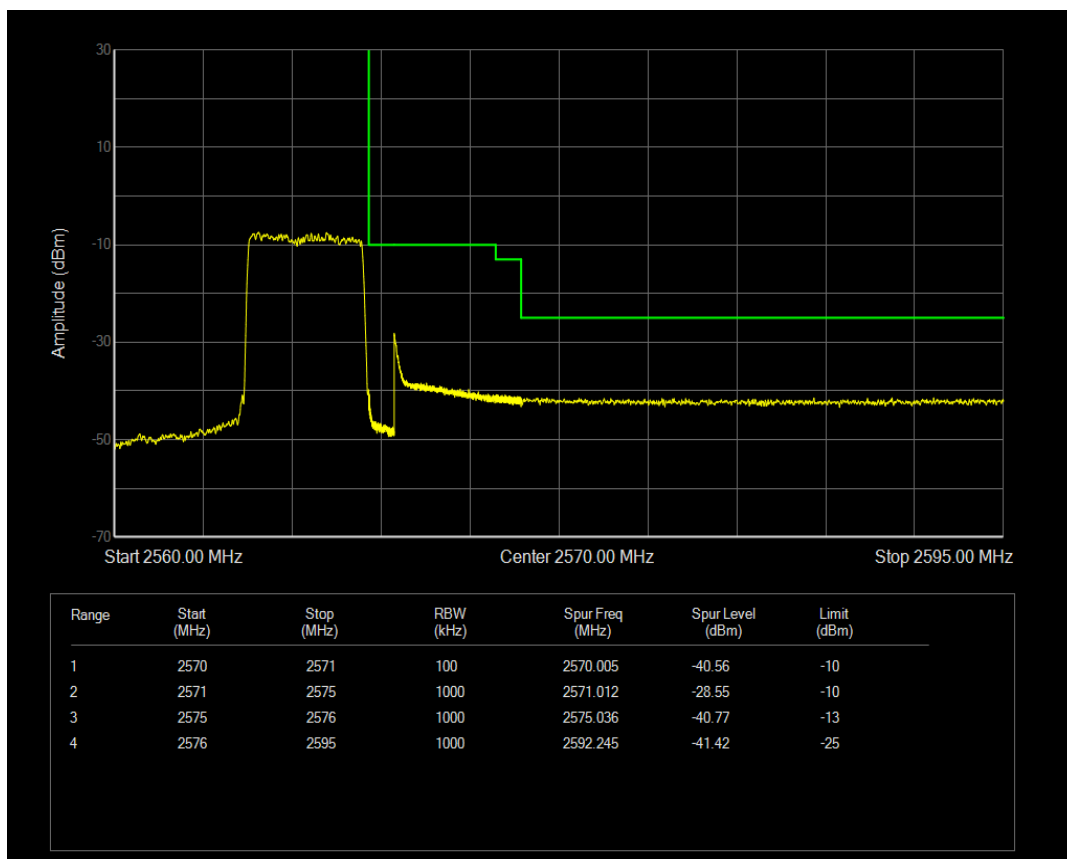


Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0

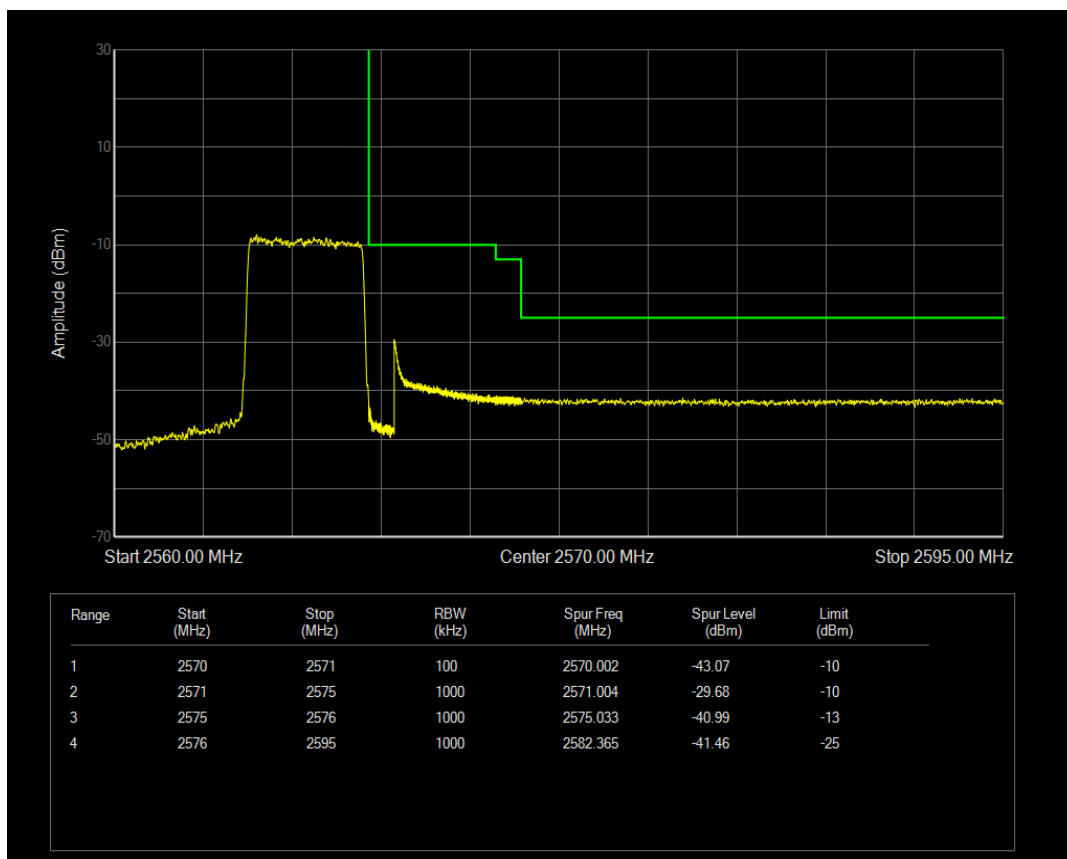


Report

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

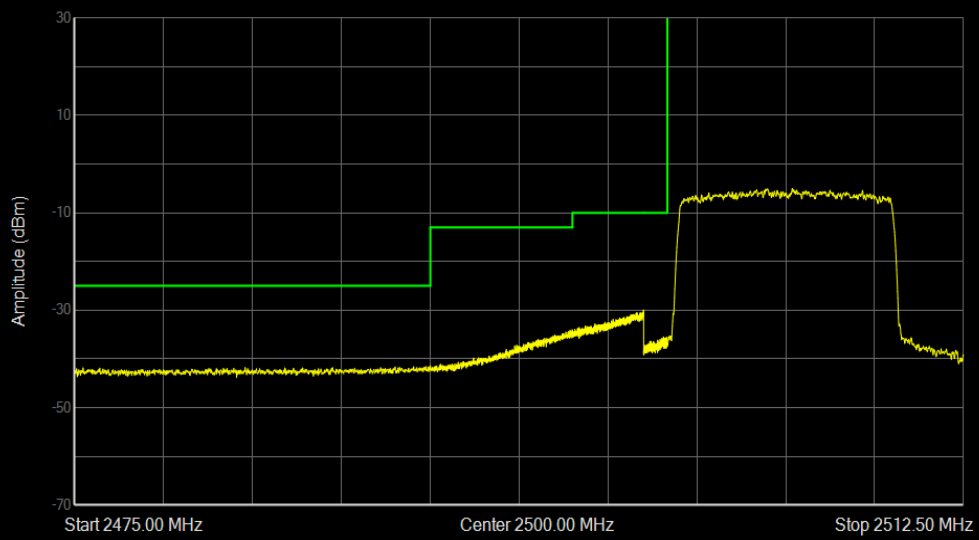


Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0



Report

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2490	-41.41	-25
2	2490	2496	1000	2495.988	-34.02	-13
3	2496	2499	1000	2498.991	-29.94	-10
4	2499	2500	200	2499.842	-35.48	-10

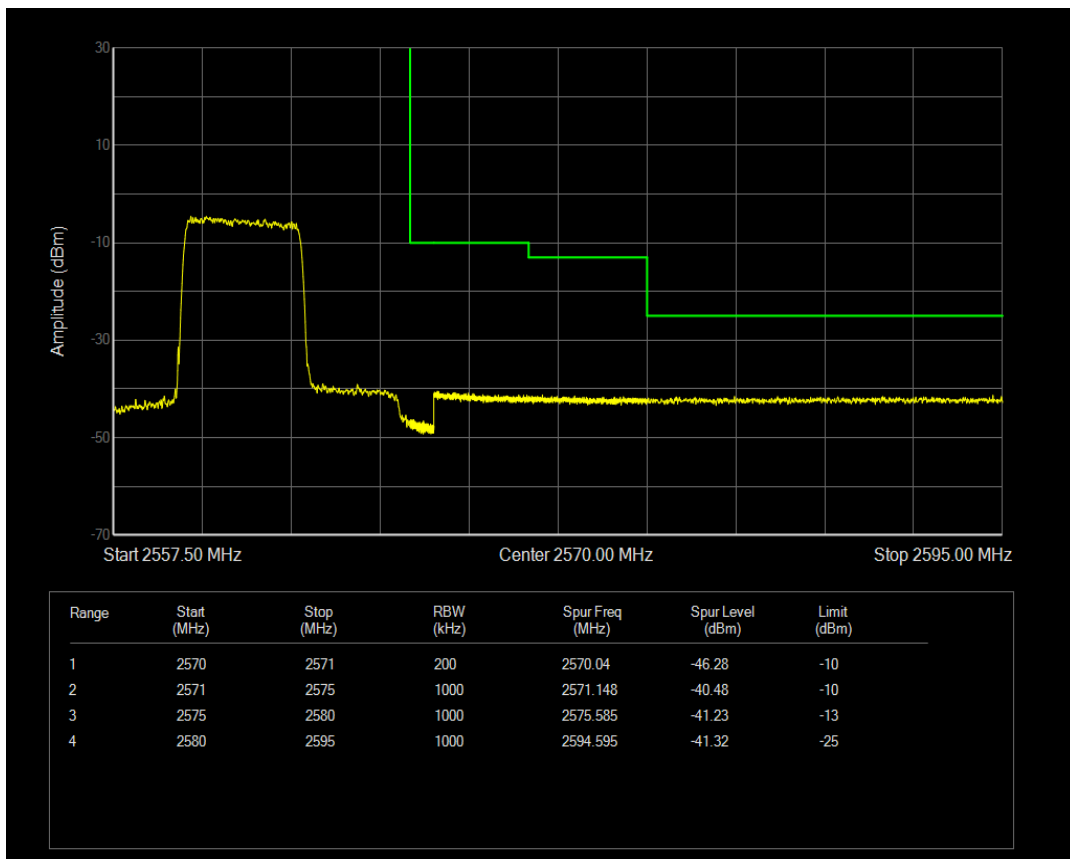
Band7 QAM16 BW=10MHz Channel=20800 RB Size=27 Position=#0



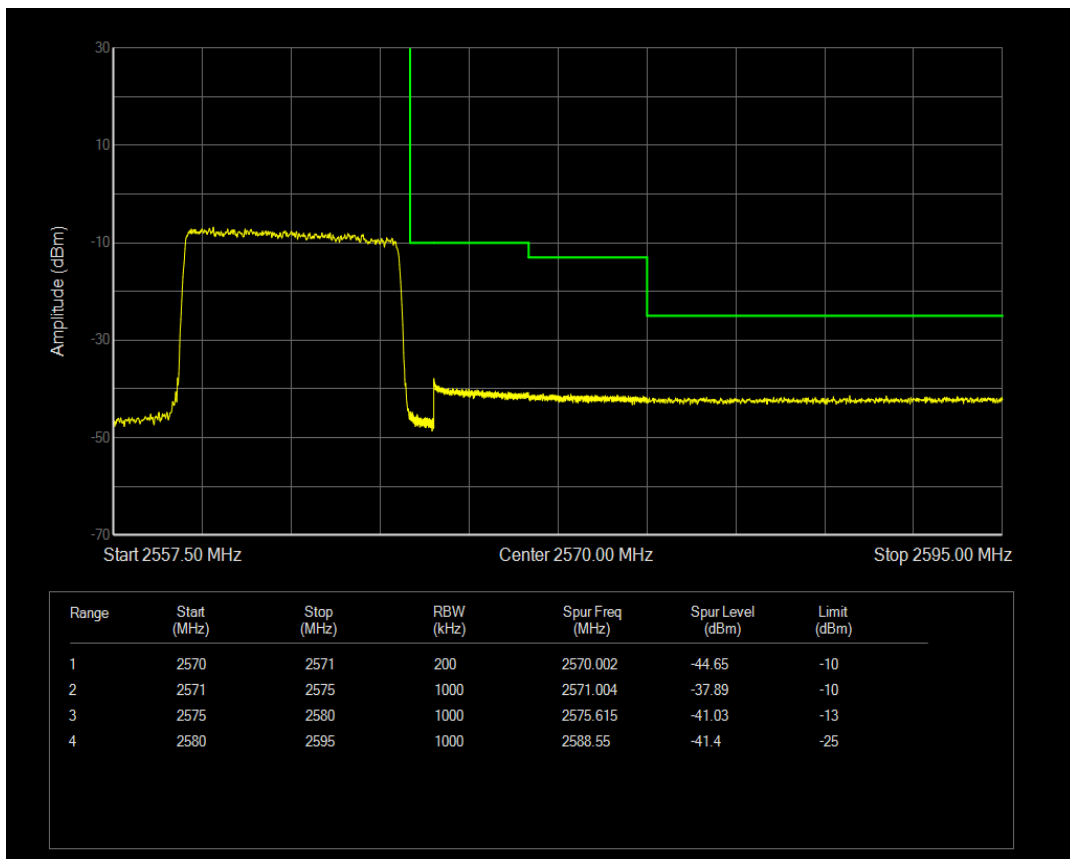
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2479.2	-41.71	-25
2	2490	2496	1000	2495.91	-39.87	-13
3	2496	2499	1000	2498.988	-31.51	-10
4	2499	2500	200	2499.992	-36.57	-10

Report

Band7 QAM16 BW=10MHz Channel=21400 RB Size=27 Position=#0



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



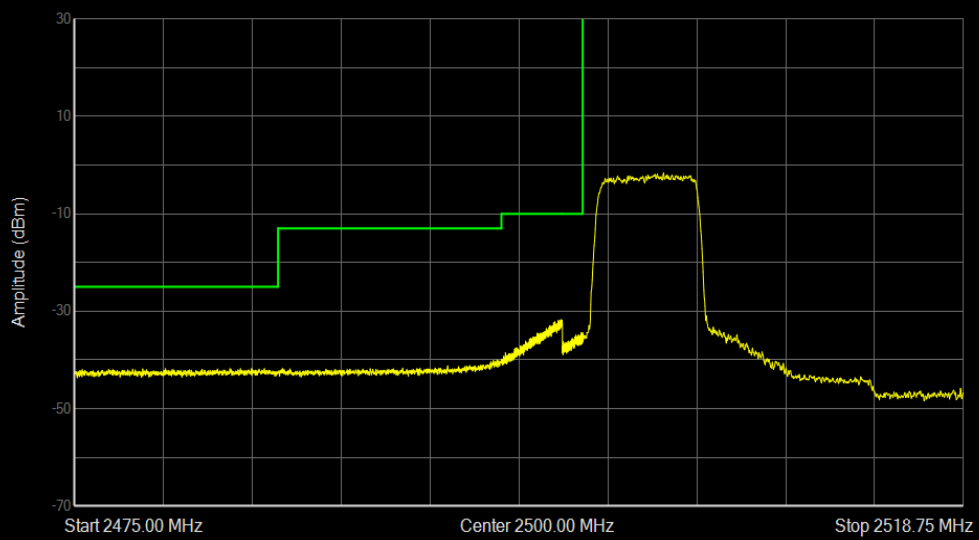
Report

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.75	-41.13	-25
2	2485	2496	1000	2495.967	-32.1	-13
3	2496	2499	1000	2498.985	-28.61	-10
4	2499	2500	300	2499.427	-32.46	-10

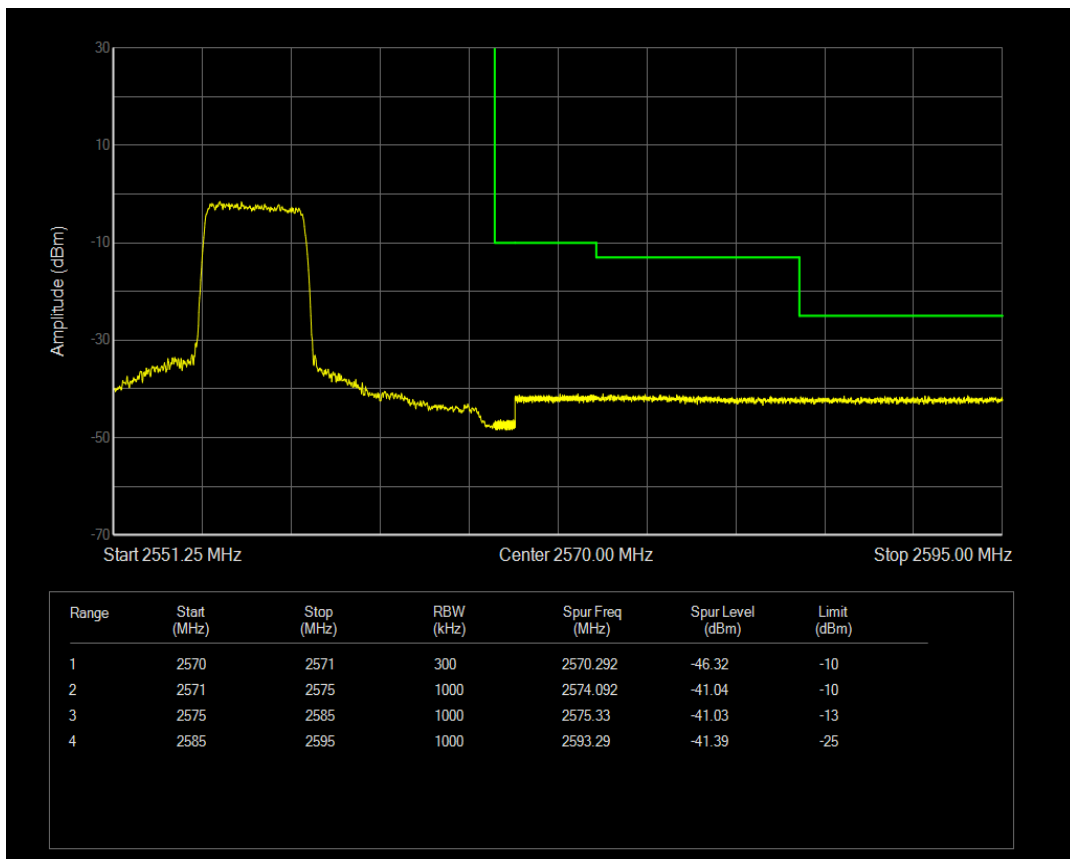
Band7 QAM16 BW=15MHz Channel=20825 RB Size=27 Position=#0



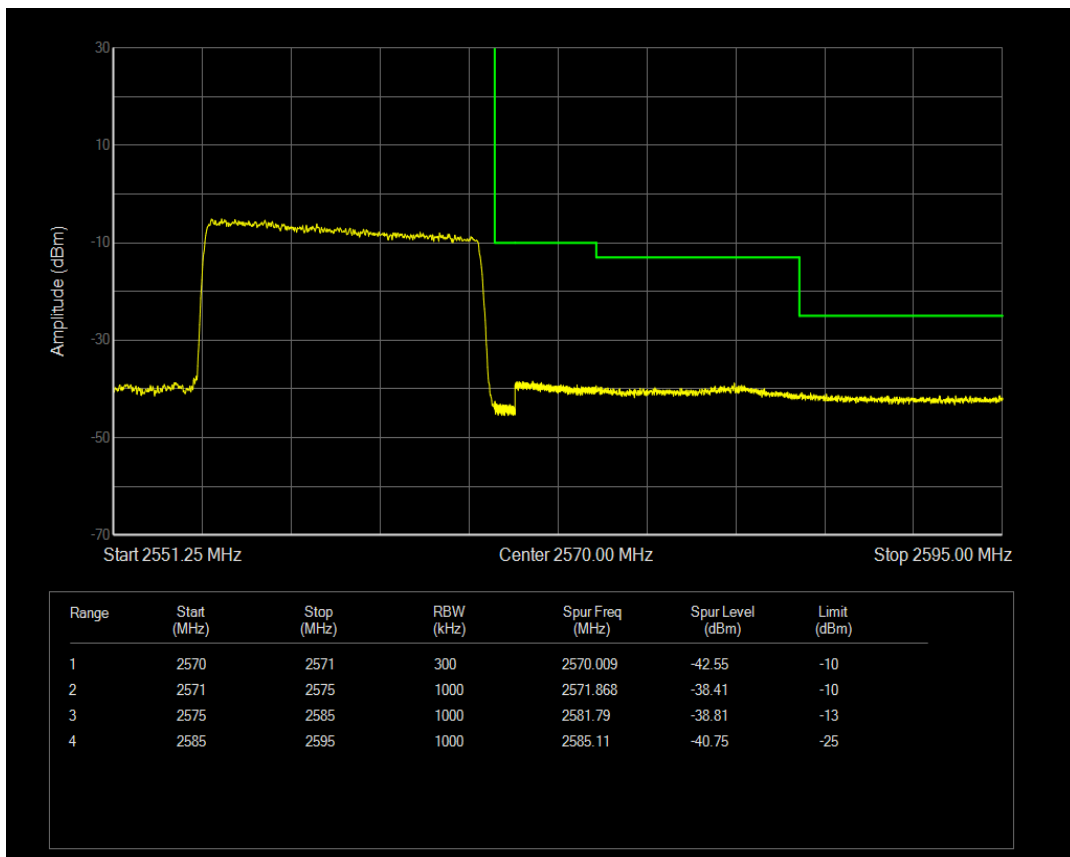
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2479.46	-41.78	-25
2	2485	2496	1000	2495.78	-40	-13
3	2496	2499	1000	2498.94	-31.73	-10
4	2499	2500	300	2499.935	-34.38	-10

Report

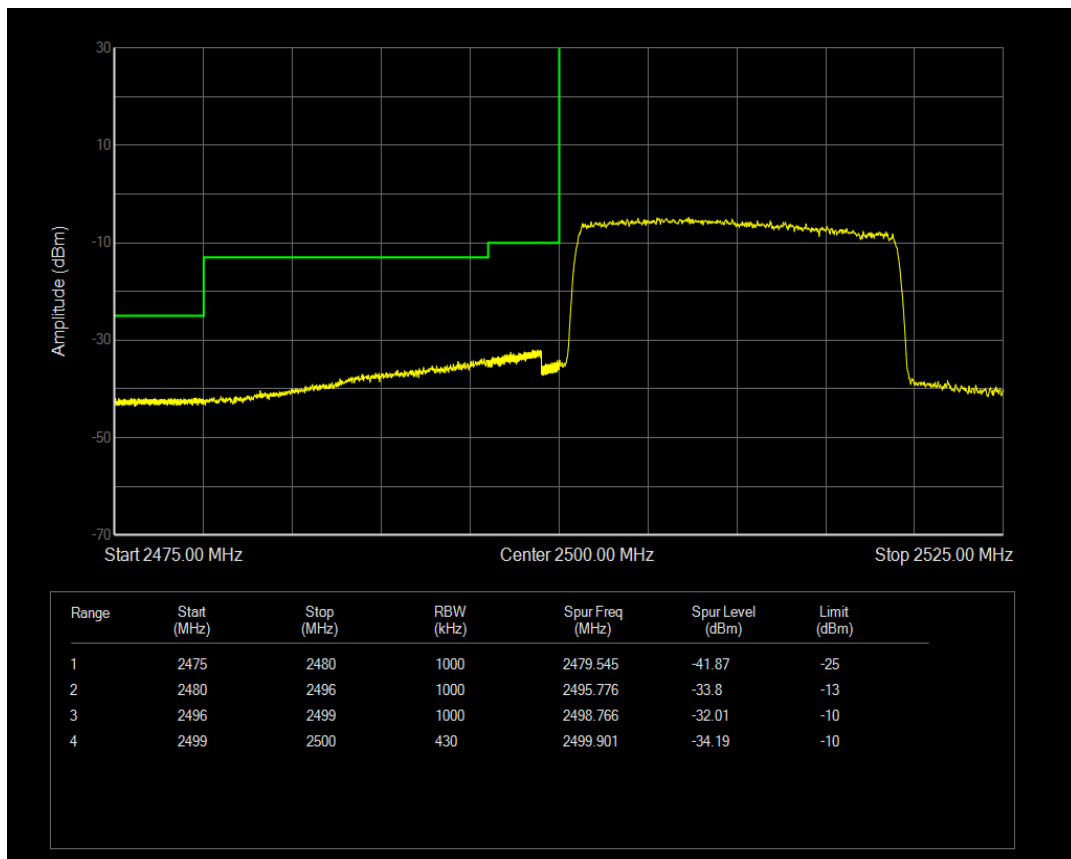
Band7 QAM16 BW=15MHz Channel=21375 RB Size=27 Position=#0



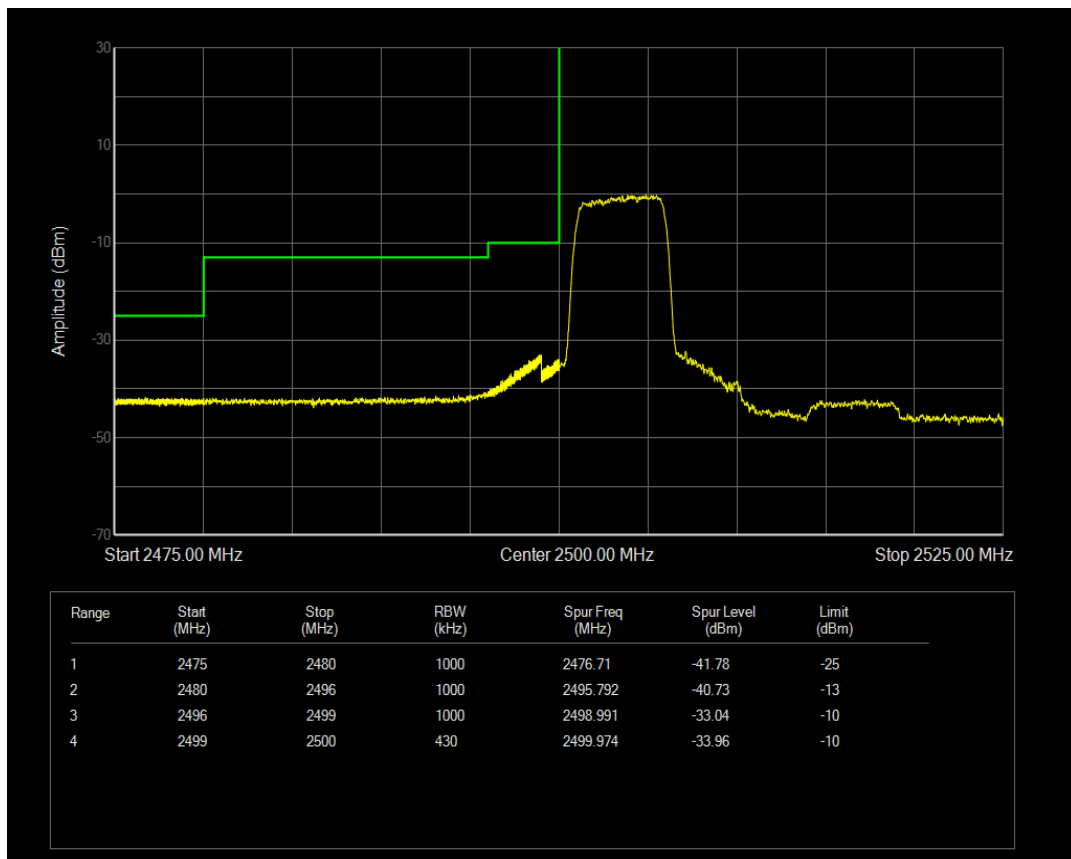
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



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



Band7 QAM16 BW=20MHz Channel=20850 RB Size=27 Position=#0



Report

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



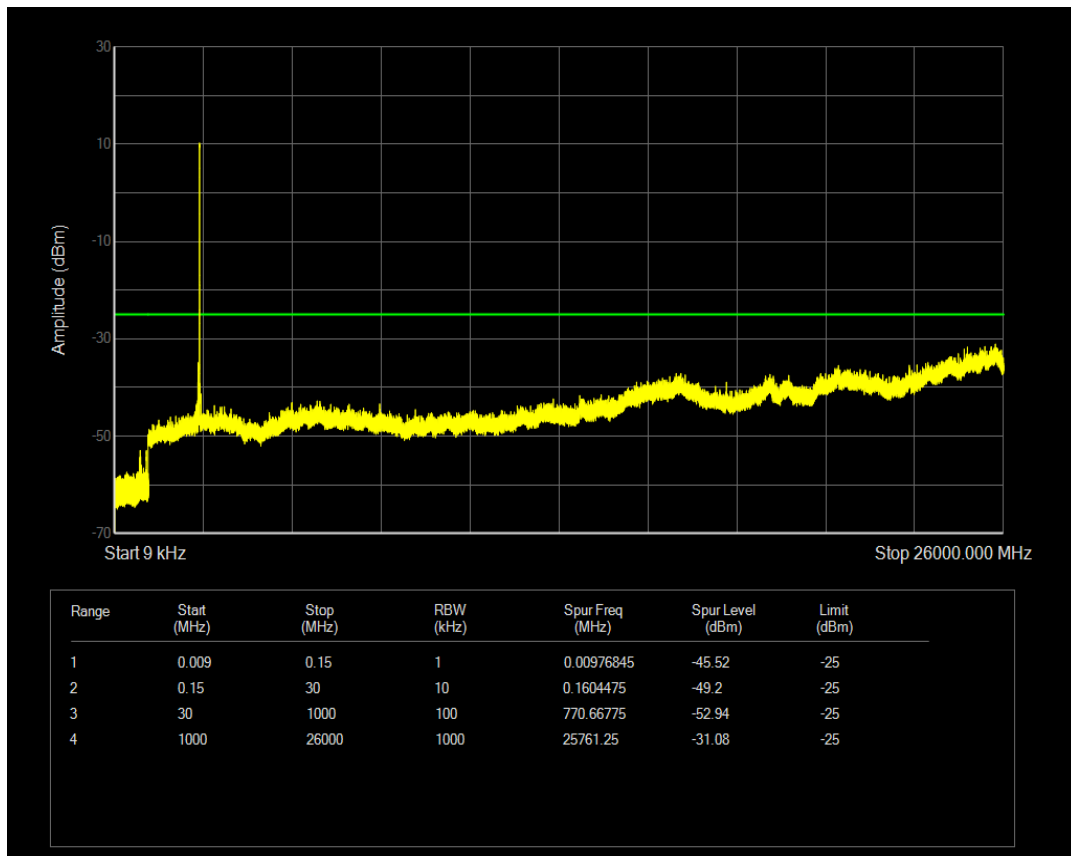
Band7 QAM16 BW=20MHz Channel=21350 RB Size=27 Position=#0



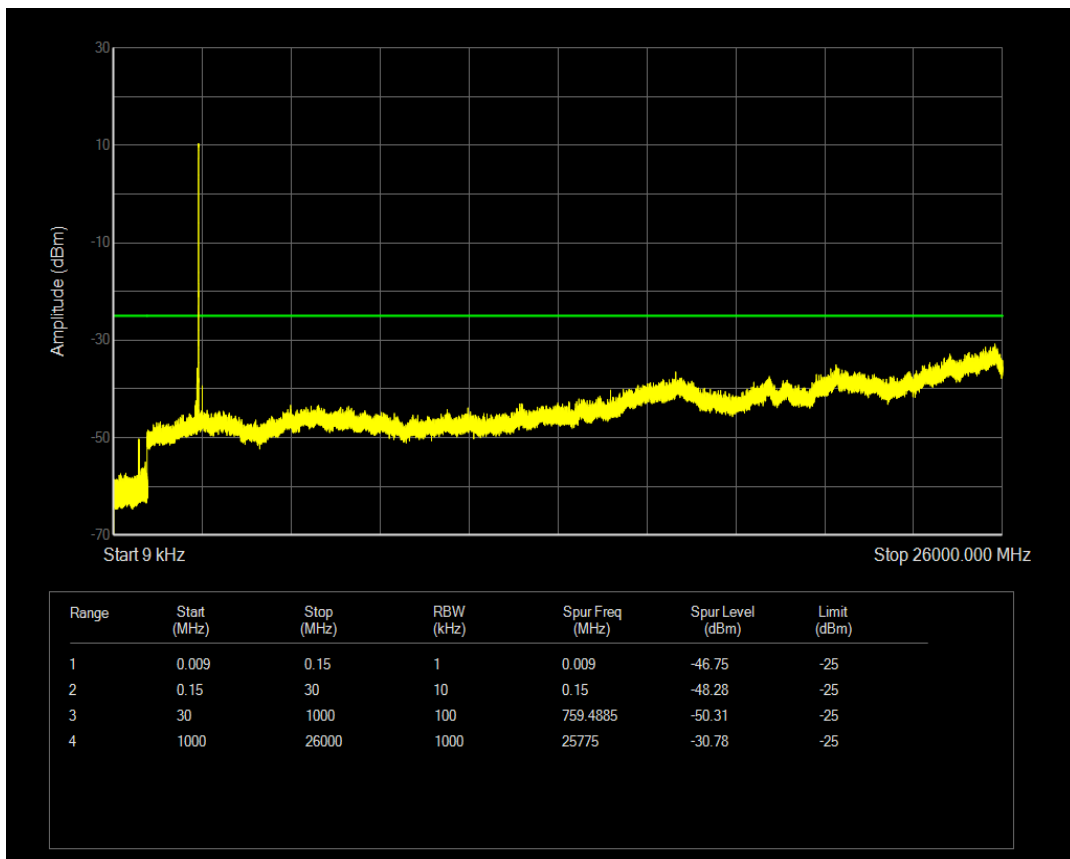
6. Out-of-band emissions

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	25761.25	-31.08	-25	PASS
Band7	5	20775	25	#0	QAM16	25775.00	-30.78	-25	PASS
Band7	5	21425	25	#0	QPSK	25678.75	-31.10	-25	PASS
Band7	5	21425	25	#0	QAM16	25790.63	-31.23	-25	PASS
Band7	10	20800	50	#0	QPSK	25789.38	-30.58	-25	PASS
Band7	10	20800	27	#0	QAM16	25701.25	-31.19	-25	PASS
Band7	10	21400	50	#0	QPSK	25431.25	-31.47	-25	PASS
Band7	10	21400	27	#0	QAM16	25808.75	-30.34	-25	PASS
Band7	15	20825	75	#0	QPSK	2430.63	-26.93	-25	PASS
Band7	15	20825	27	#0	QAM16	25791.88	-30.88	-25	PASS
Band7	15	21375	75	#0	QPSK	25743.13	-30.62	-25	PASS
Band7	15	21375	27	#0	QAM16	25684.38	-29.98	-25	PASS
Band7	20	20850	100	#0	QPSK	25422.50	-31.03	-25	PASS
Band7	20	20850	27	#0	QAM16	25821.88	-31.09	-25	PASS
Band7	20	21350	100	#0	QPSK	25753.13	-31.29	-25	PASS
Band7	20	21350	27	#0	QAM16	25777.50	-31.31	-25	PASS

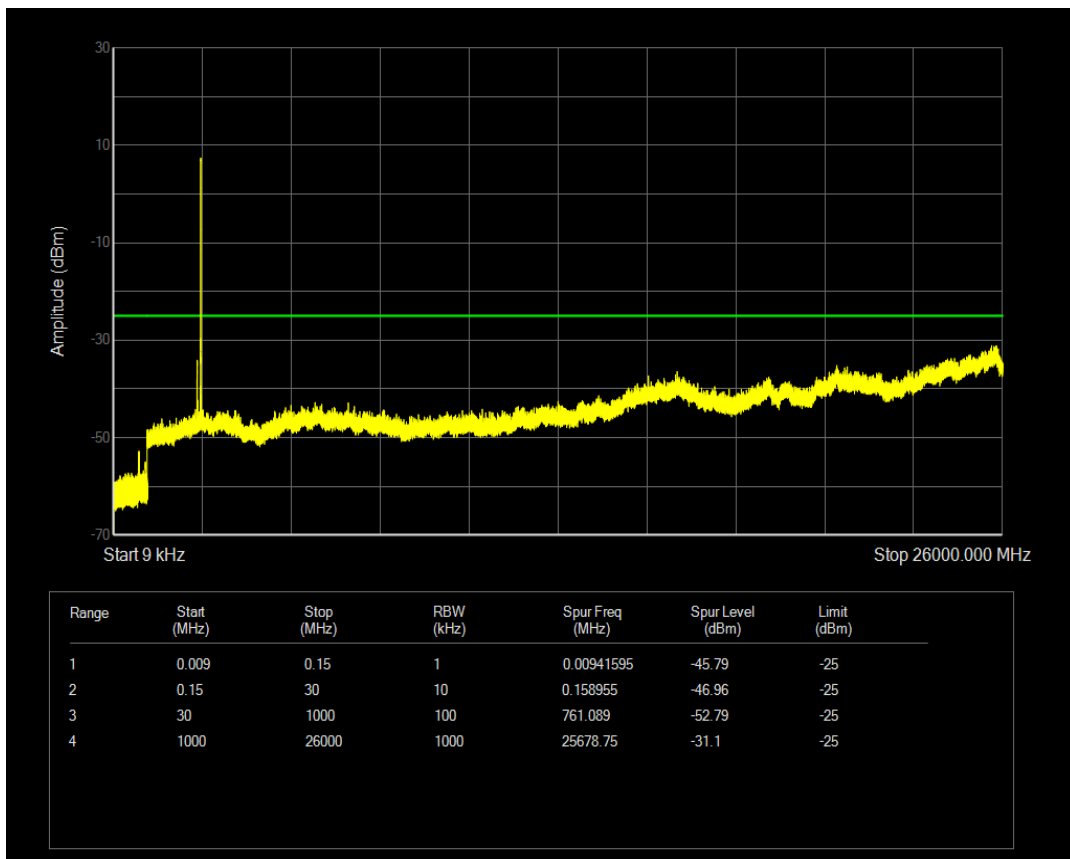
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



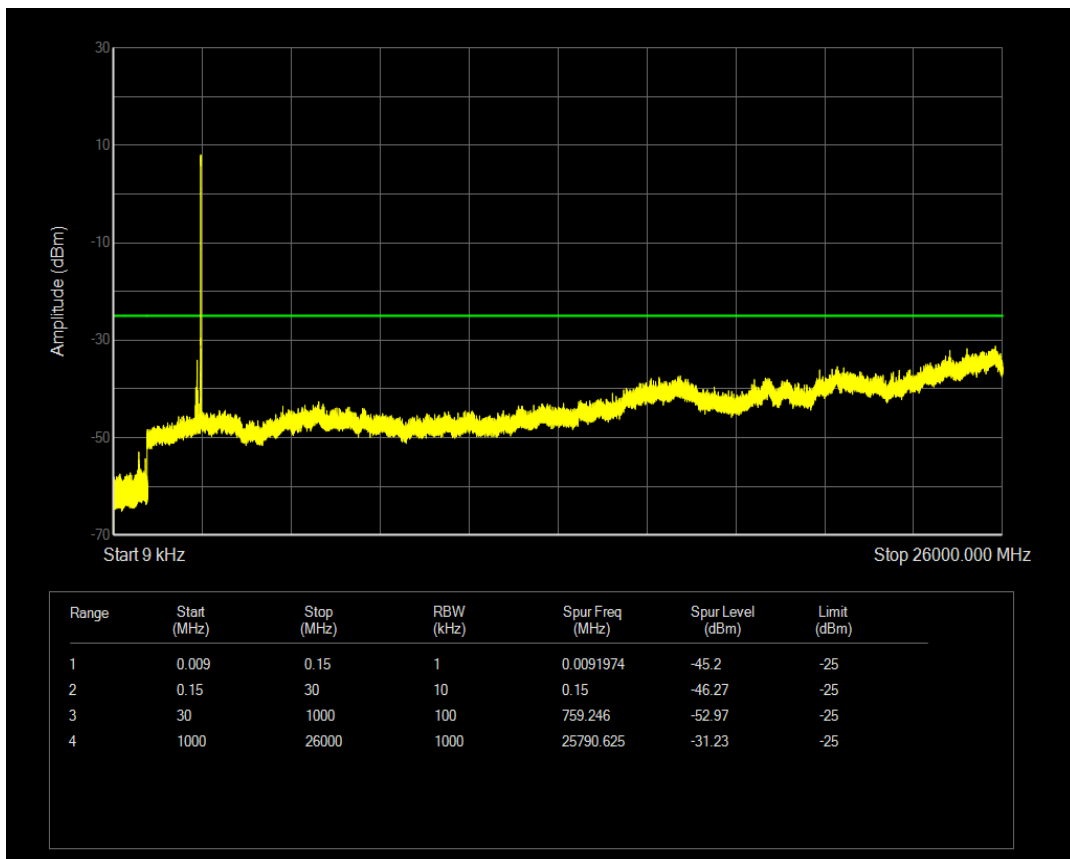
Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0



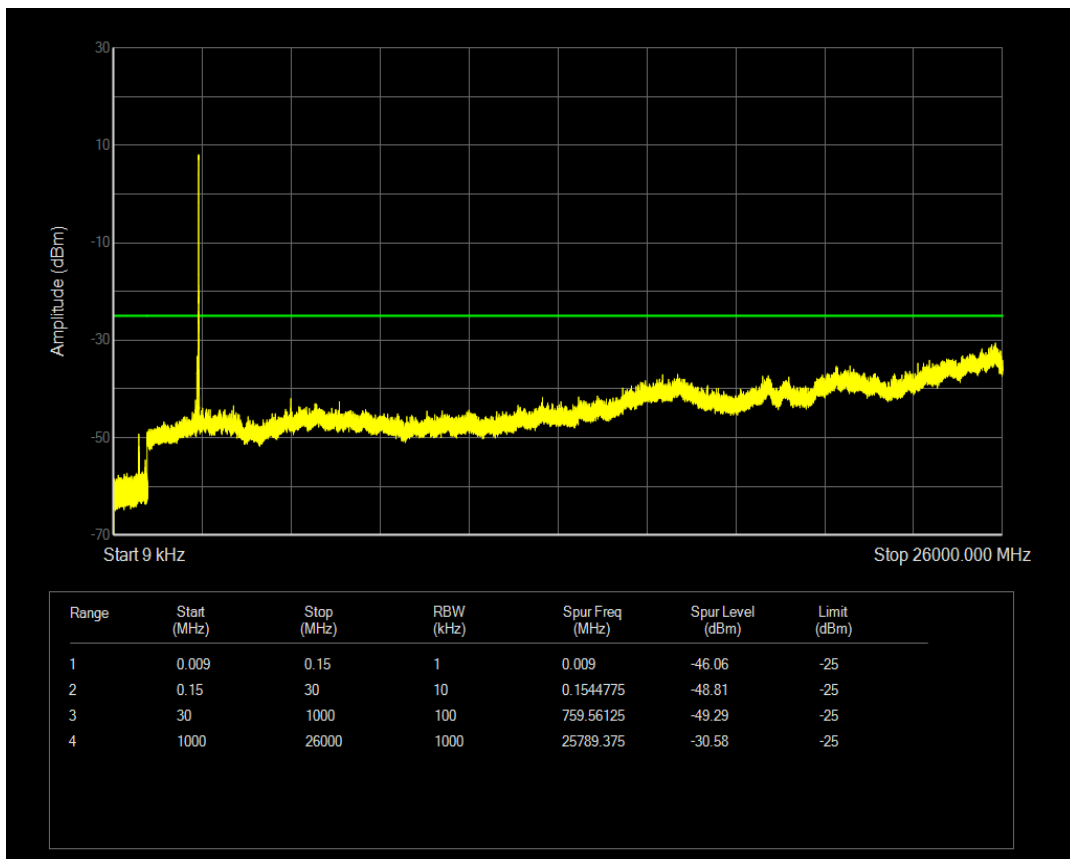
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



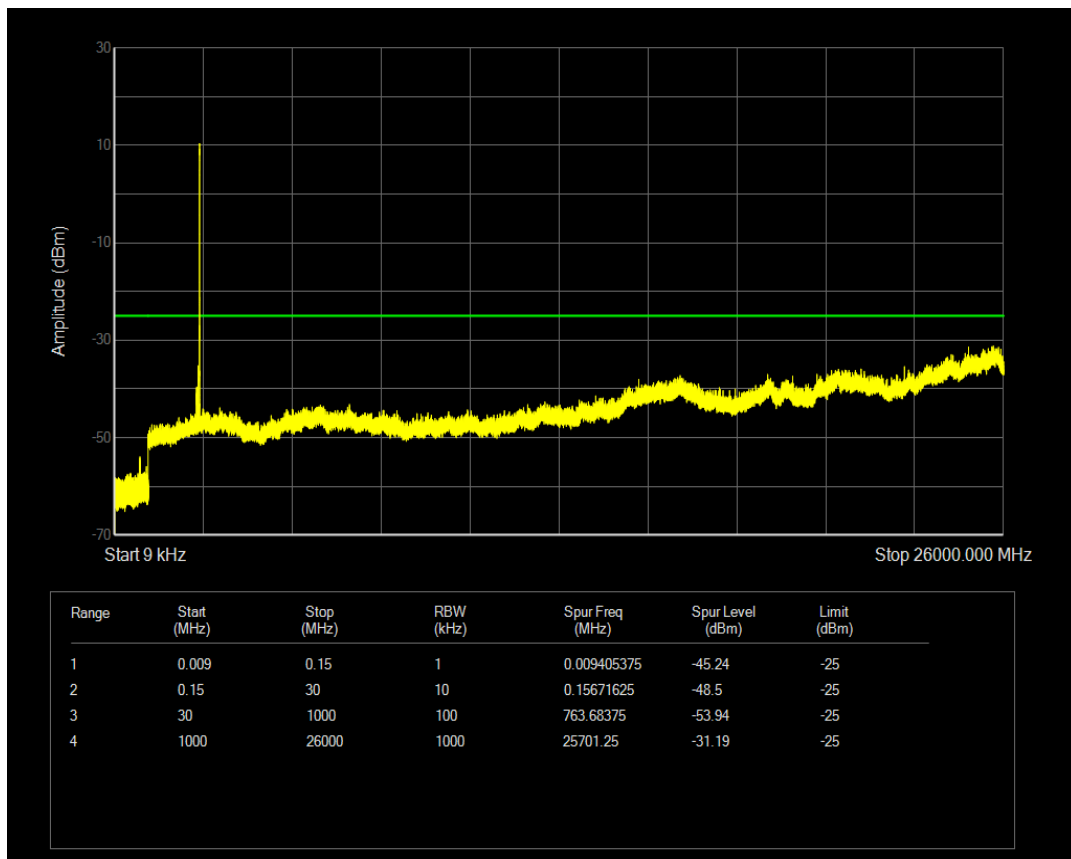
Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0



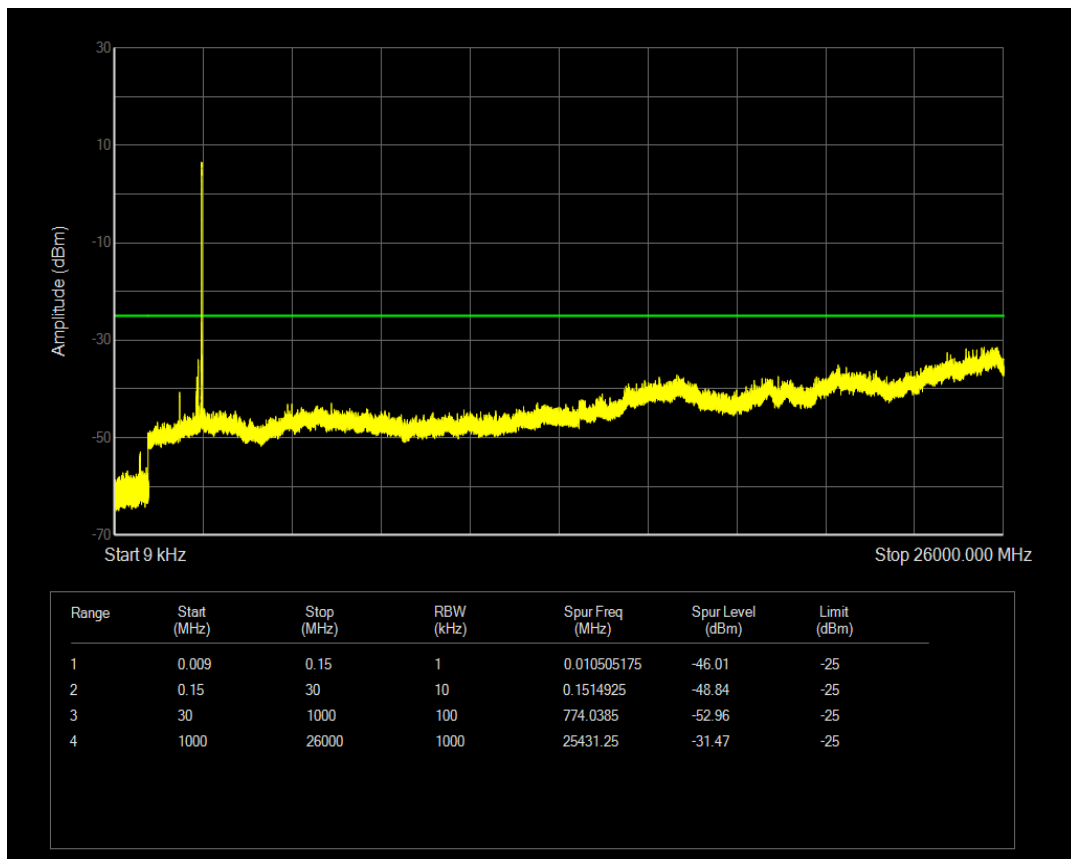
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



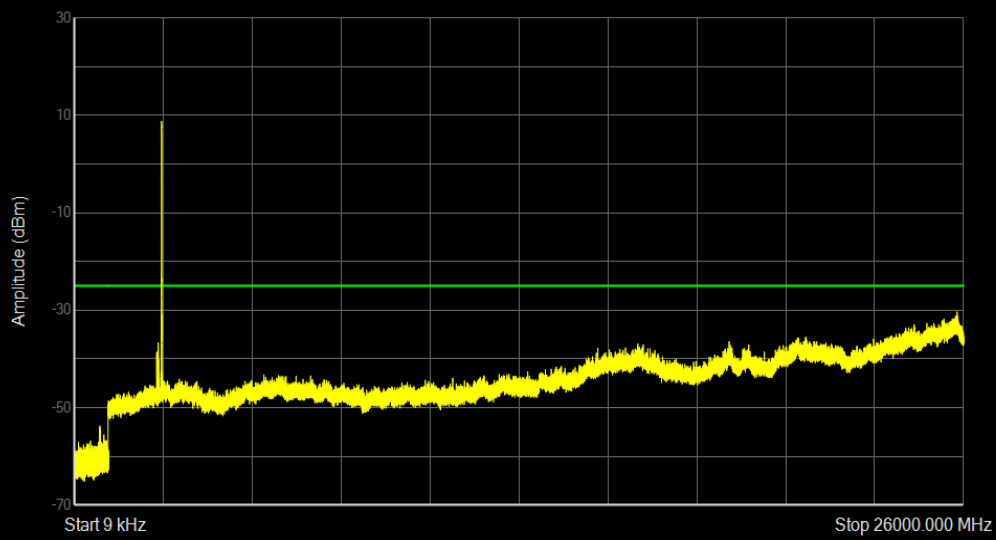
Band7 QAM16 BW=10MHz Channel=20800 RB Size=27 Position=#0



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

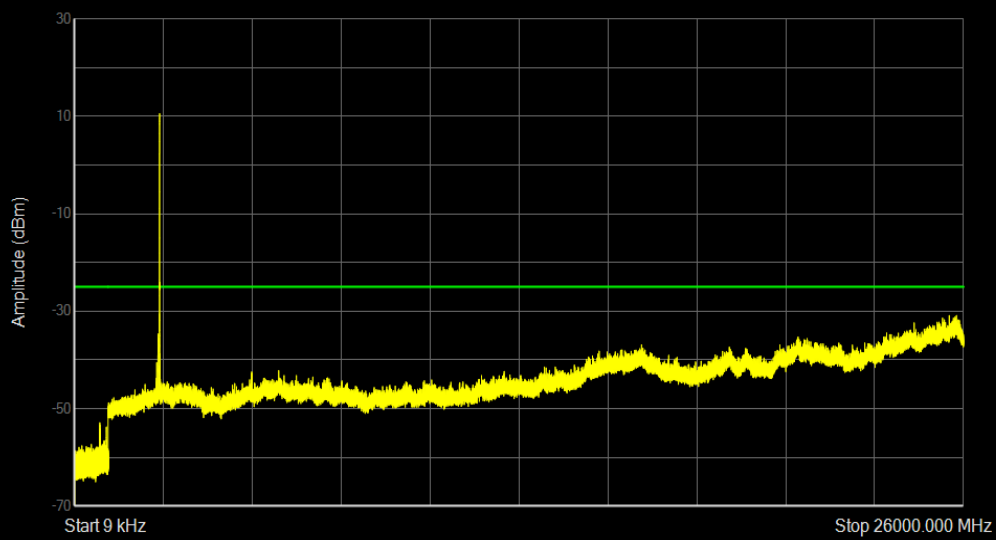


Band7 QAM16 BW=10MHz Channel=21400 RB Size=27 Position=#0



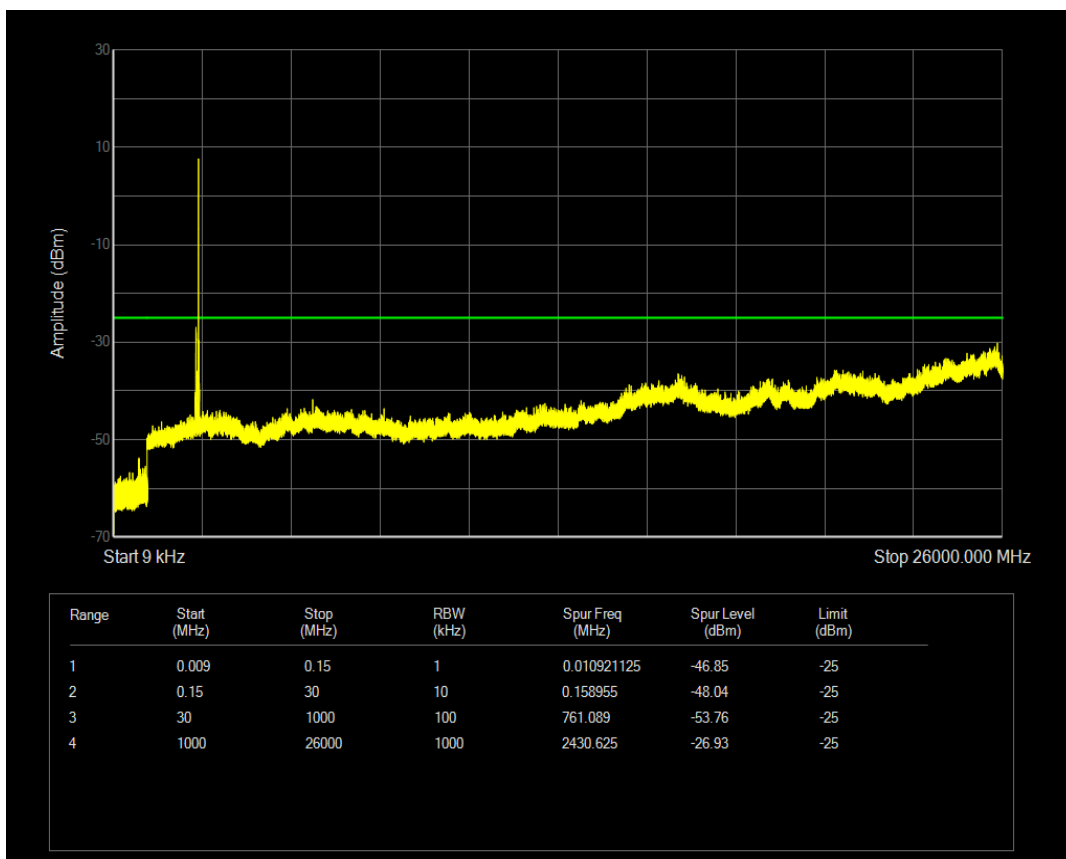
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009207975	-45.14	-25
2	0.15	30	10	0.15	-46.9	-25
3	30	1000	100	759.1975	-53.78	-25
4	1000	26000	1000	25808.75	-30.34	-25

Band7 QAM16 BW=15MHz Channel=20825 RB Size=27 Position=#0

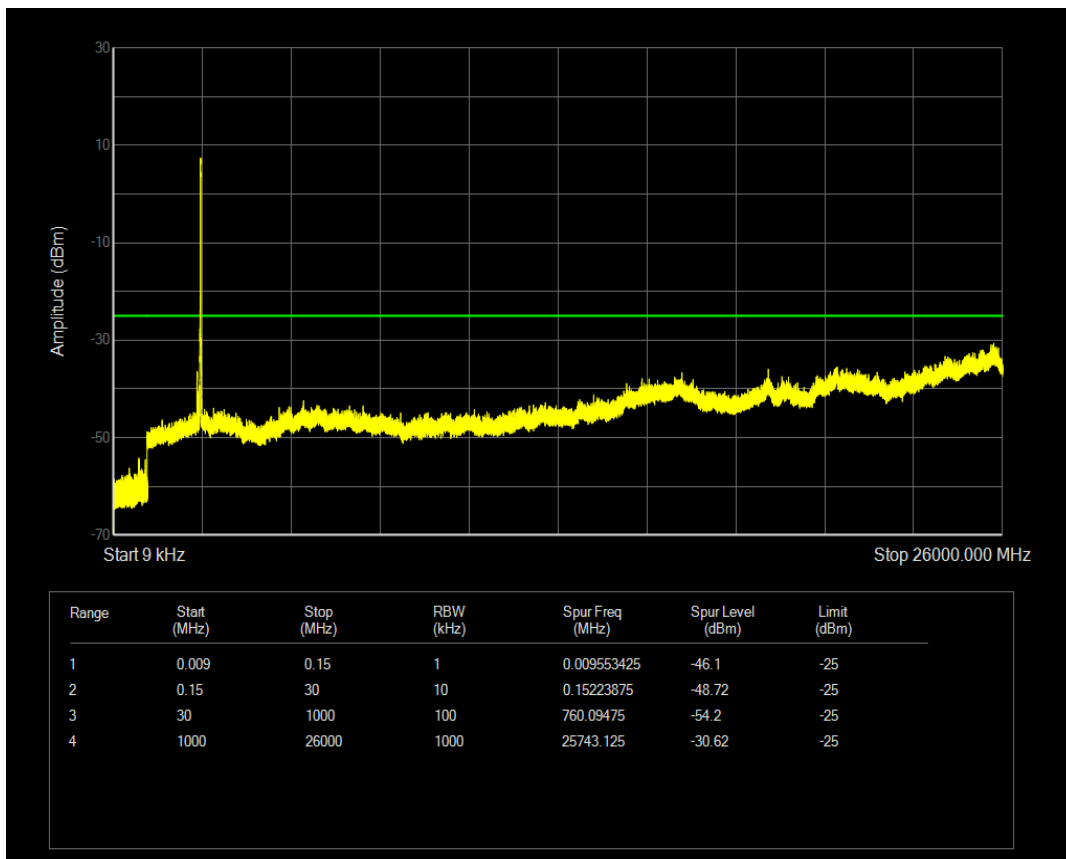


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010505175	-46.02	-25
2	0.15	30	10	0.1514925	-48.28	-25
3	30	1000	100	760.119	-52.88	-25
4	1000	26000	1000	25791.875	-30.88	-25

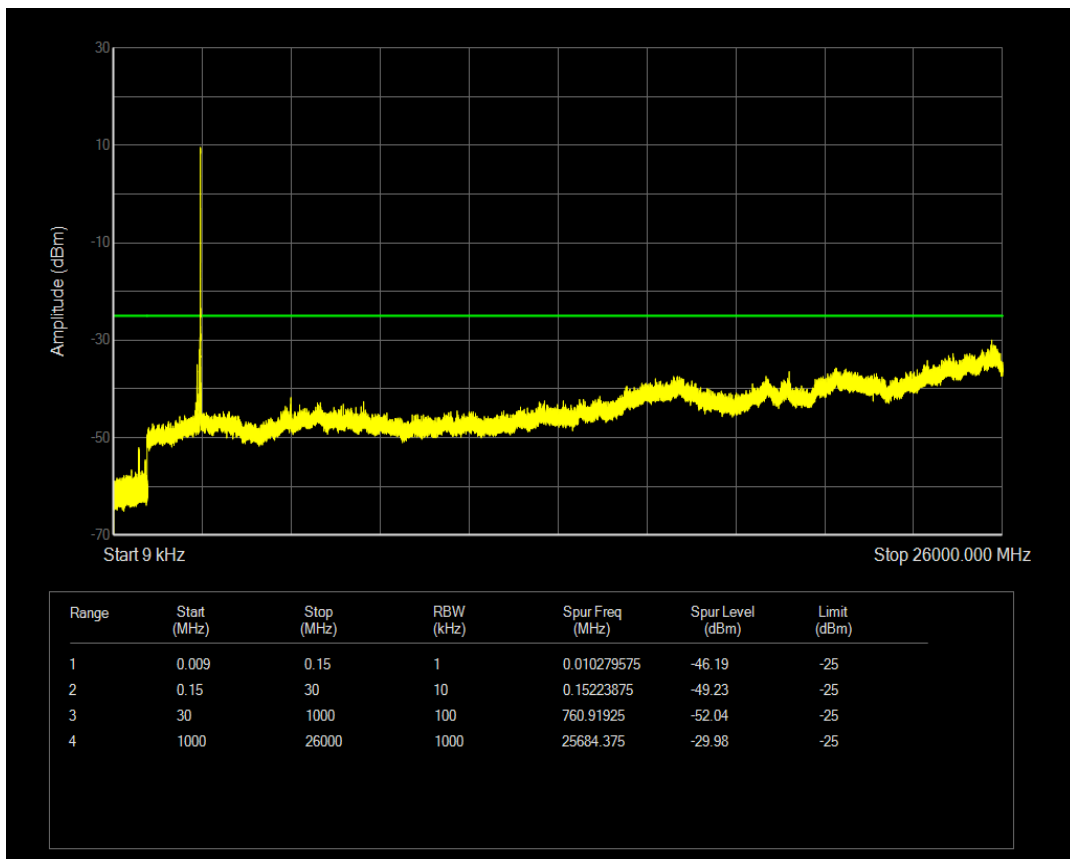
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



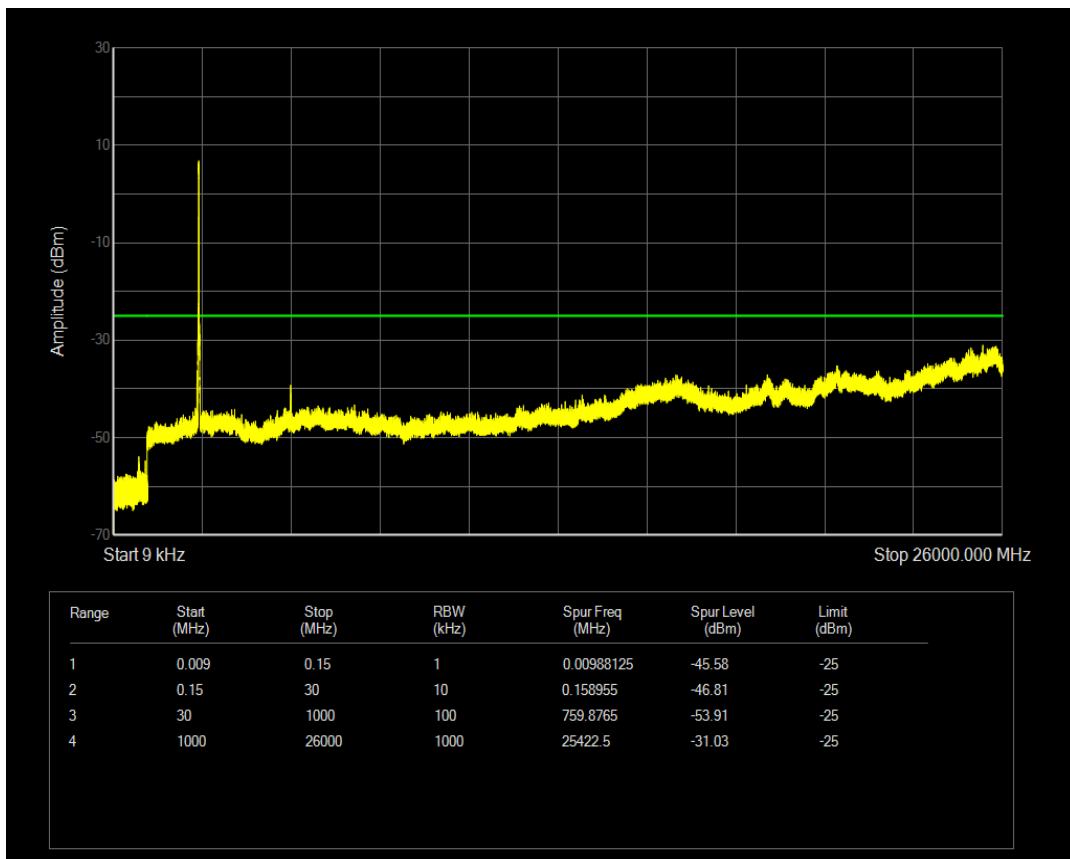
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



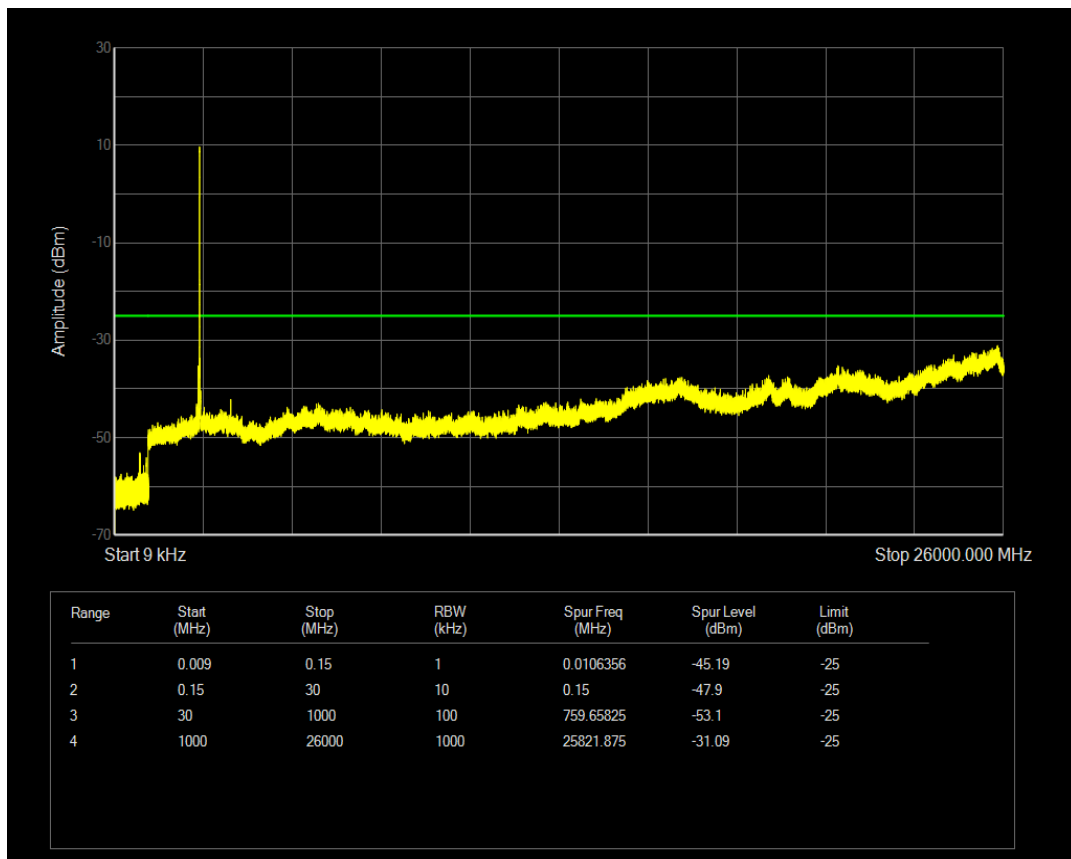
Band7 QAM16 BW=15MHz Channel=21375 RB Size=27 Position=#0



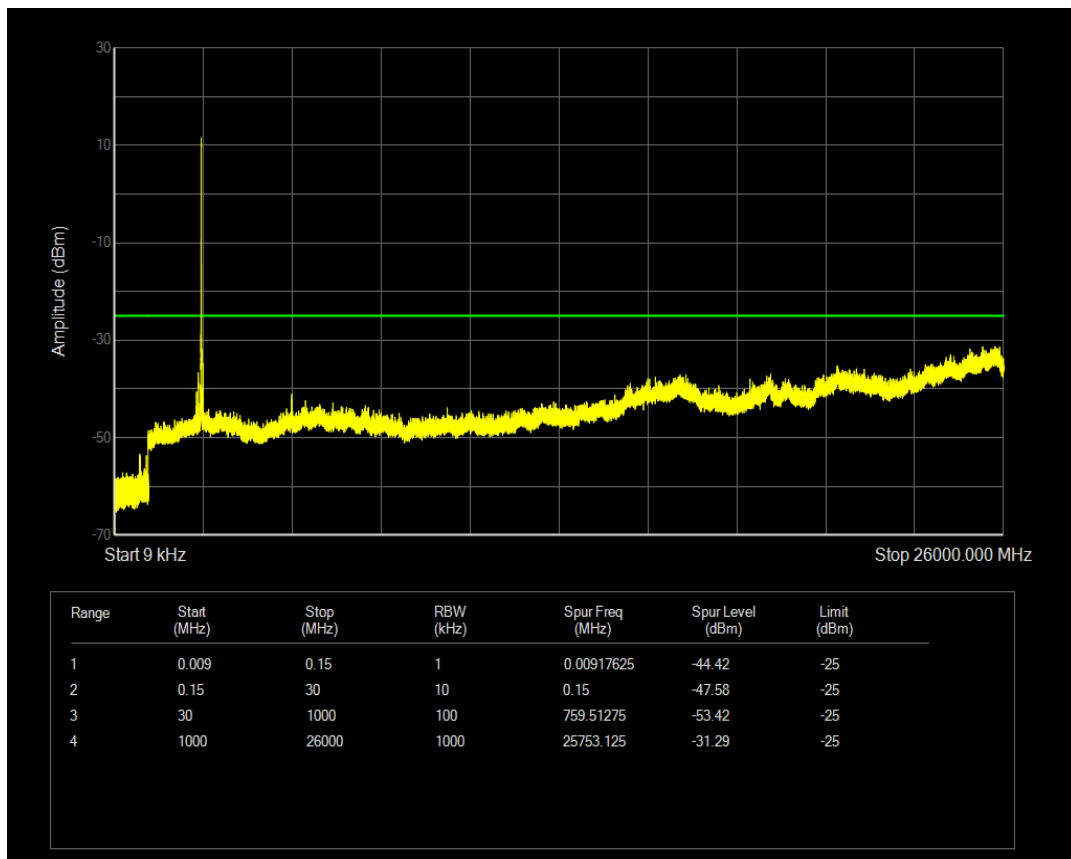
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



Band7 QAM16 BW=20MHz Channel=20850 RB Size=27 Position=#0



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



Band7 QAM16 BW=20MHz Channel=21350 RB Size=27 Position=#0

