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## 1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	high Limit (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	23.32	1.62	24.94	30	PASS
Band4	1.4	19957	1	#Mid	QPSK	23.32	1.62	24.94	30	PASS
Band4	1.4	19957	1	#Max	QPSK	23.32	1.62	24.94	30	PASS
Band4	1.4	19957	3	#0	QPSK	23.26	1.62	24.88	30	PASS
Band4	1.4	19957	3	#Mid	QPSK	23.32	1.62	24.94	30	PASS
Band4	1.4	19957	3	#Max	QPSK	23.26	1.62	24.88	30	PASS
Band4	1.4	19957	6	#0	QPSK	22.34	1.62	23.96	30	PASS
Band4	1.4	19957	1	#0	QAM16	22.54	1.62	24.16	30	PASS
Band4	1.4	19957	1	#Mid	QAM16	22.50	1.62	24.12	30	PASS
Band4	1.4	19957	1	#Max	QAM16	22.47	1.62	24.09	30	PASS
Band4	1.4	19957	3	#0	QAM16	22.44	1.62	24.06	30	PASS
Band4	1.4	19957	3	#Mid	QAM16	22.52	1.62	24.14	30	PASS
Band4	1.4	19957	3	#Max	QAM16	22.49	1.62	24.11	30	PASS
Band4	1.4	19957	6	#0	QAM16	21.67	1.62	23.29	30	PASS
Band4	1.4	20175	1	#0	QPSK	23.51	1.62	25.13	30	PASS
Band4	1.4	20175	1	#Mid	QPSK	23.61	1.62	25.23	30	PASS
Band4	1.4	20175	1	#Max	QPSK	23.54	1.62	25.16	30	PASS
Band4	1.4	20175	3	#0	QPSK	23.47	1.62	25.09	30	PASS
Band4	1.4	20175	3	#Mid	QPSK	23.50	1.62	25.12	30	PASS
Band4	1.4	20175	3	#Max	QPSK	23.55	1.62	25.17	30	PASS
Band4	1.4	20175	6	#0	QPSK	22.51	1.62	24.13	30	PASS
Band4	1.4	20175	1	#0	QAM16	22.96	1.62	24.58	30	PASS
Band4	1.4	20175	1	#Mid	QAM16	22.93	1.62	24.55	30	PASS
Band4	1.4	20175	1	#Max	QAM16	22.77	1.62	24.39	30	PASS
Band4	1.4	20175	3	#0	QAM16	22.88	1.62	24.5	30	PASS
Band4	1.4	20175	3	#Mid	QAM16	22.91	1.62	24.53	30	PASS
Band4	1.4	20175	3	#Max	QAM16	22.85	1.62	24.47	30	PASS
Band4	1.4	20175	6	#0	QAM16	21.77	1.62	23.39	30	PASS
Band4	1.4	20393	1	#0	QPSK	23.79	1.62	25.41	30	PASS
Band4	1.4	20393	1	#Mid	QPSK	23.74	1.62	25.36	30	PASS
Band4	1.4	20393	1	#Max	QPSK	23.78	1.62	25.4	30	PASS
Band4	1.4	20393	3	#0	QPSK	23.48	1.62	25.1	30	PASS
Band4	1.4	20393	3	#Mid	QPSK	23.54	1.62	25.16	30	PASS
Band4	1.4	20393	3	#Max	QPSK	23.49	1.62	25.11	30	PASS
Band4	1.4	20393	6	#0	QPSK	22.66	1.62	24.28	30	PASS
Band4	1.4	20393	1	#0	QAM16	23.66	1.62	25.28	30	PASS
Band4	1.4	20393	1	#Mid	QAM16	23.75	1.62	25.37	30	PASS
Band4	1.4	20393	1	#Max	QAM16	23.72	1.62	25.34	30	PASS

Band4	1.4	20393	3	#0	QAM16	23.09	1.62	24.71	30	PASS
Band4	1.4	20393	3	#Mid	QAM16	23.15	1.62	24.77	30	PASS
Band4	1.4	20393	3	#Max	QAM16	23.15	1.62	24.77	30	PASS
Band4	1.4	20393	6	#0	QAM16	22.00	1.62	23.62	30	PASS
Band4	3	19965	1	#0	QPSK	23.31	1.62	24.93	30	PASS
Band4	3	19965	1	#Mid	QPSK	23.27	1.62	24.89	30	PASS
Band4	3	19965	1	#Max	QPSK	23.22	1.62	24.84	30	PASS
Band4	3	19965	8	#0	QPSK	22.35	1.62	23.97	30	PASS
Band4	3	19965	8	#Mid	QPSK	22.41	1.62	24.03	30	PASS
Band4	3	19965	8	#Max	QPSK	22.30	1.62	23.92	30	PASS
Band4	3	19965	15	#0	QPSK	22.37	1.62	23.99	30	PASS
Band4	3	19965	1	#0	QAM16	23.63	1.62	25.25	30	PASS
Band4	3	19965	1	#Mid	QAM16	23.55	1.62	25.17	30	PASS
Band4	3	19965	1	#Max	QAM16	23.53	1.62	25.15	30	PASS
Band4	3	19965	8	#0	QAM16	21.34	1.62	22.96	30	PASS
Band4	3	19965	8	#Mid	QAM16	21.39	1.62	23.01	30	PASS
Band4	3	19965	8	#Max	QAM16	21.28	1.62	22.9	30	PASS
Band4	3	19965	15	#0	QAM16	21.51	1.62	23.13	30	PASS
Band4	3	20175	1	#0	QPSK	23.47	1.62	25.09	30	PASS
Band4	3	20175	1	#Mid	QPSK	23.47	1.62	25.09	30	PASS
Band4	3	20175	1	#Max	QPSK	23.46	1.62	25.08	30	PASS
Band4	3	20175	8	#0	QPSK	22.50	1.62	24.12	30	PASS
Band4	3	20175	8	#Mid	QPSK	22.55	1.62	24.17	30	PASS
Band4	3	20175	8	#Max	QPSK	22.50	1.62	24.12	30	PASS
Band4	3	20175	15	#0	QPSK	22.51	1.62	24.13	30	PASS
Band4	3	20175	1	#0	QAM16	23.20	1.62	24.82	30	PASS
Band4	3	20175	1	#Mid	QAM16	23.11	1.62	24.73	30	PASS
Band4	3	20175	1	#Max	QAM16	23.07	1.62	24.69	30	PASS
Band4	3	20175	8	#0	QAM16	21.83	1.62	23.45	30	PASS
Band4	3	20175	8	#Mid	QAM16	21.81	1.62	23.43	30	PASS
Band4	3	20175	8	#Max	QAM16	21.81	1.62	23.43	30	PASS
Band4	3	20175	15	#0	QAM16	21.62	1.62	23.24	30	PASS
Band4	3	20385	1	#0	QPSK	23.69	1.62	25.31	30	PASS
Band4	3	20385	1	#Mid	QPSK	23.66	1.62	25.28	30	PASS
Band4	3	20385	1	#Max	QPSK	23.69	1.62	25.31	30	PASS
Band4	3	20385	8	#0	QPSK	22.56	1.62	24.18	30	PASS
Band4	3	20385	8	#Mid	QPSK	22.59	1.62	24.21	30	PASS
Band4	3	20385	8	#Max	QPSK	22.55	1.62	24.17	30	PASS
Band4	3	20385	15	#0	QPSK	22.56	1.62	24.18	30	PASS
Band4	3	20385	1	#0	QAM16	22.99	1.62	24.61	30	PASS
Band4	3	20385	1	#Mid	QAM16	23.12	1.62	24.74	30	PASS
Band4	3	20385	1	#Max	QAM16	23.11	1.62	24.73	30	PASS
Band4	3	20385	8	#0	QAM16	21.72	1.62	23.34	30	PASS
Band4	3	20385	8	#Mid	QAM16	21.67	1.62	23.29	30	PASS

Band4	3	20385	8	#Max	QAM16	21.69	1.62	23.31	30	PASS
Band4	3	20385	15	#0	QAM16	21.64	1.62	23.26	30	PASS
Band4	5	19975	1	#0	QPSK	23.19	1.62	24.81	30	PASS
Band4	5	19975	1	#Mid	QPSK	23.18	1.62	24.8	30	PASS
Band4	5	19975	1	#Max	QPSK	23.25	1.62	24.87	30	PASS
Band4	5	19975	12	#0	QPSK	22.42	1.62	24.04	30	PASS
Band4	5	19975	12	#Mid	QPSK	22.42	1.62	24.04	30	PASS
Band4	5	19975	12	#Max	QPSK	22.34	1.62	23.96	30	PASS
Band4	5	19975	25	#0	QPSK	22.30	1.62	23.92	30	PASS
Band4	5	19975	1	#0	QAM16	22.78	1.62	24.4	30	PASS
Band4	5	19975	1	#Mid	QAM16	22.64	1.62	24.26	30	PASS
Band4	5	19975	1	#Max	QAM16	22.62	1.62	24.24	30	PASS
Band4	5	19975	12	#0	QAM16	21.40	1.62	23.02	30	PASS
Band4	5	19975	12	#Mid	QAM16	21.41	1.62	23.03	30	PASS
Band4	5	19975	12	#Max	QAM16	21.27	1.62	22.89	30	PASS
Band4	5	19975	25	#0	QAM16	21.44	1.62	23.06	30	PASS
Band4	5	20175	1	#0	QPSK	23.54	1.62	25.16	30	PASS
Band4	5	20175	1	#Mid	QPSK	23.60	1.62	25.22	30	PASS
Band4	5	20175	1	#Max	QPSK	23.62	1.62	25.24	30	PASS
Band4	5	20175	12	#0	QPSK	22.45	1.62	24.07	30	PASS
Band4	5	20175	12	#Mid	QPSK	22.49	1.62	24.11	30	PASS
Band4	5	20175	12	#Max	QPSK	22.49	1.62	24.11	30	PASS
Band4	5	20175	25	#0	QPSK	22.51	1.62	24.13	30	PASS
Band4	5	20175	1	#0	QAM16	22.27	1.62	23.89	30	PASS
Band4	5	20175	1	#Mid	QAM16	22.29	1.62	23.91	30	PASS
Band4	5	20175	1	#Max	QAM16	22.33	1.62	23.95	30	PASS
Band4	5	20175	12	#0	QAM16	21.50	1.62	23.12	30	PASS
Band4	5	20175	12	#Mid	QAM16	21.42	1.62	23.04	30	PASS
Band4	5	20175	12	#Max	QAM16	21.46	1.62	23.08	30	PASS
Band4	5	20175	25	#0	QAM16	21.63	1.62	23.25	30	PASS
Band4	5	20375	1	#0	QPSK	23.44	1.62	25.06	30	PASS
Band4	5	20375	1	#Mid	QPSK	23.34	1.62	24.96	30	PASS
Band4	5	20375	1	#Max	QPSK	23.40	1.62	25.02	30	PASS
Band4	5	20375	12	#0	QPSK	22.54	1.62	24.16	30	PASS
Band4	5	20375	12	#Mid	QPSK	22.63	1.62	24.25	30	PASS
Band4	5	20375	12	#Max	QPSK	22.48	1.62	24.1	30	PASS
Band4	5	20375	25	#0	QPSK	22.52	1.62	24.14	30	PASS
Band4	5	20375	1	#0	QAM16	22.94	1.62	24.56	30	PASS
Band4	5	20375	1	#Mid	QAM16	22.87	1.62	24.49	30	PASS
Band4	5	20375	1	#Max	QAM16	22.92	1.62	24.54	30	PASS
Band4	5	20375	12	#0	QAM16	21.76	1.62	23.38	30	PASS
Band4	5	20375	12	#Mid	QAM16	21.71	1.62	23.33	30	PASS
Band4	5	20375	12	#Max	QAM16	21.67	1.62	23.29	30	PASS
Band4	5	20375	25	#0	QAM16	21.68	1.62	23.3	30	PASS

Band4	10	20000	1	#0	QPSK	23.34	1.62	24.96	30	PASS
Band4	10	20000	1	#Mid	QPSK	23.26	1.62	24.88	30	PASS
Band4	10	20000	1	#Max	QPSK	23.30	1.62	24.92	30	PASS
Band4	10	20000	25	#0	QPSK	22.36	1.62	23.98	30	PASS
Band4	10	20000	25	#Mid	QPSK	22.35	1.62	23.97	30	PASS
Band4	10	20000	25	#Max	QPSK	22.34	1.62	23.96	30	PASS
Band4	10	20000	50	#0	QPSK	22.42	1.62	24.04	30	PASS
Band4	10	20000	1	#0	QAM16	23.65	1.62	25.27	30	PASS
Band4	10	20000	1	#Mid	QAM16	23.47	1.62	25.09	30	PASS
Band4	10	20000	1	#Max	QAM16	23.49	1.62	25.11	30	PASS
Band4	10	20000	25	#0	QAM16	21.44	1.62	23.06	30	PASS
Band4	10	20000	25	#Mid	QAM16	21.34	1.62	22.96	30	PASS
Band4	10	20000	25	#Max	QAM16	21.35	1.62	22.97	30	PASS
Band4	10	20000	50	#0	QAM16	21.42	1.62	23.04	30	PASS
Band4	10	20175	1	#0	QPSK	23.53	1.62	25.15	30	PASS
Band4	10	20175	1	#Mid	QPSK	23.60	1.62	25.22	30	PASS
Band4	10	20175	1	#Max	QPSK	23.54	1.62	25.16	30	PASS
Band4	10	20175	25	#0	QPSK	22.52	1.62	24.14	30	PASS
Band4	10	20175	25	#Mid	QPSK	22.62	1.62	24.24	30	PASS
Band4	10	20175	25	#Max	QPSK	22.50	1.62	24.12	30	PASS
Band4	10	20175	50	#0	QPSK	22.61	1.62	24.23	30	PASS
Band4	10	20175	1	#0	QAM16	22.64	1.62	24.26	30	PASS
Band4	10	20175	1	#Mid	QAM16	22.69	1.62	24.31	30	PASS
Band4	10	20175	1	#Max	QAM16	22.74	1.62	24.36	30	PASS
Band4	10	20175	25	#0	QAM16	21.68	1.62	23.3	30	PASS
Band4	10	20175	25	#Mid	QAM16	21.61	1.62	23.23	30	PASS
Band4	10	20175	25	#Max	QAM16	21.57	1.62	23.19	30	PASS
Band4	10	20175	50	#0	QAM16	21.67	1.62	23.29	30	PASS
Band4	10	20350	1	#0	QPSK	23.72	1.62	25.34	30	PASS
Band4	10	20350	1	#Mid	QPSK	23.76	1.62	25.38	30	PASS
Band4	10	20350	1	#Max	QPSK	23.77	1.62	25.39	30	PASS
Band4	10	20350	25	#0	QPSK	22.52	1.62	24.14	30	PASS
Band4	10	20350	25	#Mid	QPSK	22.49	1.62	24.11	30	PASS
Band4	10	20350	25	#Max	QPSK	22.64	1.62	24.26	30	PASS
Band4	10	20350	50	#0	QPSK	22.57	1.62	24.19	30	PASS
Band4	10	20350	1	#0	QAM16	22.92	1.62	24.54	30	PASS
Band4	10	20350	1	#Mid	QAM16	22.88	1.62	24.5	30	PASS
Band4	10	20350	1	#Max	QAM16	22.83	1.62	24.45	30	PASS
Band4	10	20350	25	#0	QAM16	21.64	1.62	23.26	30	PASS
Band4	10	20350	25	#Mid	QAM16	21.71	1.62	23.33	30	PASS
Band4	10	20350	25	#Max	QAM16	21.71	1.62	23.33	30	PASS
Band4	10	20350	50	#0	QAM16	21.67	1.62	23.29	30	PASS
Band4	15	20025	1	#0	QPSK	23.39	1.62	25.01	30	PASS
Band4	15	20025	1	#Mid	QPSK	23.34	1.62	24.96	30	PASS

Band4	15	20025	1	#Max	QPSK	23.45	1.62	25.07	30	PASS
Band4	15	20025	36	#0	QPSK	22.31	1.62	23.93	30	PASS
Band4	15	20025	36	#Mid	QPSK	22.28	1.62	23.9	30	PASS
Band4	15	20025	36	#Max	QPSK	22.33	1.62	23.95	30	PASS
Band4	15	20025	75	#0	QPSK	22.44	1.62	24.06	30	PASS
Band4	15	20025	1	#0	QAM16	23.65	1.62	25.27	30	PASS
Band4	15	20025	1	#Mid	QAM16	23.50	1.62	25.12	30	PASS
Band4	15	20025	1	#Max	QAM16	23.58	1.62	25.2	30	PASS
Band4	15	20025	36	#0	QAM16	21.40	1.62	23.02	30	PASS
Band4	15	20025	36	#Mid	QAM16	21.47	1.62	23.09	30	PASS
Band4	15	20025	36	#Max	QAM16	21.45	1.62	23.07	30	PASS
Band4	15	20025	75	#0	QAM16	21.56	1.62	23.18	30	PASS
Band4	15	20175	1	#0	QPSK	23.54	1.62	25.16	30	PASS
Band4	15	20175	1	#Mid	QPSK	23.56	1.62	25.18	30	PASS
Band4	15	20175	1	#Max	QPSK	23.57	1.62	25.19	30	PASS
Band4	15	20175	36	#0	QPSK	22.64	1.62	24.26	30	PASS
Band4	15	20175	36	#Mid	QPSK	22.49	1.62	24.11	30	PASS
Band4	15	20175	36	#Max	QPSK	22.50	1.62	24.12	30	PASS
Band4	15	20175	75	#0	QPSK	22.51	1.62	24.13	30	PASS
Band4	15	20175	1	#0	QAM16	22.65	1.62	24.27	30	PASS
Band4	15	20175	1	#Mid	QAM16	22.61	1.62	24.23	30	PASS
Band4	15	20175	1	#Max	QAM16	22.69	1.62	24.31	30	PASS
Band4	15	20175	36	#0	QAM16	21.76	1.62	23.38	30	PASS
Band4	15	20175	36	#Mid	QAM16	21.72	1.62	23.34	30	PASS
Band4	15	20175	36	#Max	QAM16	21.74	1.62	23.36	30	PASS
Band4	15	20175	75	#0	QAM16	21.68	1.62	23.3	30	PASS
Band4	15	20325	1	#0	QPSK	23.91	1.62	25.53	30	PASS
Band4	15	20325	1	#Mid	QPSK	23.81	1.62	25.43	30	PASS
Band4	15	20325	1	#Max	QPSK	23.80	1.62	25.42	30	PASS
Band4	15	20325	36	#0	QPSK	22.52	1.62	24.14	30	PASS
Band4	15	20325	36	#Mid	QPSK	22.54	1.62	24.16	30	PASS
Band4	15	20325	36	#Max	QPSK	22.67	1.62	24.29	30	PASS
Band4	15	20325	75	#0	QPSK	22.71	1.62	24.33	30	PASS
Band4	15	20325	1	#0	QAM16	23.39	1.62	25.01	30	PASS
Band4	15	20325	1	#Mid	QAM16	23.26	1.62	24.88	30	PASS
Band4	15	20325	1	#Max	QAM16	23.26	1.62	24.88	30	PASS
Band4	15	20325	36	#0	QAM16	21.72	1.62	23.34	30	PASS
Band4	15	20325	36	#Mid	QAM16	21.73	1.62	23.35	30	PASS
Band4	15	20325	36	#Max	QAM16	21.68	1.62	23.3	30	PASS
Band4	15	20325	75	#0	QAM16	21.65	1.62	23.27	30	PASS
Band4	20	20050	1	#0	QPSK	23.52	1.62	25.14	30	PASS
Band4	20	20050	1	#Mid	QPSK	23.50	1.62	25.12	30	PASS
Band4	20	20050	1	#Max	QPSK	23.62	1.62	25.24	30	PASS
Band4	20	20050	50	#0	QPSK	22.47	1.62	24.09	30	PASS

Band4	20	20050	50	#Mid	QPSK	22.37	1.62	23.99	30	PASS
Band4	20	20050	50	#Max	QPSK	22.45	1.62	24.07	30	PASS
Band4	20	20050	100	#0	QPSK	22.44	1.62	24.06	30	PASS
Band4	20	20050	1	#0	QAM16	22.17	1.62	23.79	30	PASS
Band4	20	20050	1	#Mid	QAM16	22.18	1.62	23.8	30	PASS
Band4	20	20050	1	#Max	QAM16	22.30	1.62	23.92	30	PASS
Band4	20	20050	50	#0	QAM16	21.58	1.62	23.2	30	PASS
Band4	20	20050	50	#Mid	QAM16	21.55	1.62	23.17	30	PASS
Band4	20	20050	50	#Max	QAM16	21.65	1.62	23.27	30	PASS
Band4	20	20050	100	#0	QAM16	21.53	1.62	23.15	30	PASS
Band4	20	20175	1	#0	QPSK	23.52	1.62	25.14	30	PASS
Band4	20	20175	1	#Mid	QPSK	23.57	1.62	25.19	30	PASS
Band4	20	20175	1	#Max	QPSK	23.56	1.62	25.18	30	PASS
Band4	20	20175	50	#0	QPSK	22.66	1.62	24.28	30	PASS
Band4	20	20175	50	#Mid	QPSK	22.46	1.62	24.08	30	PASS
Band4	20	20175	50	#Max	QPSK	22.60	1.62	24.22	30	PASS
Band4	20	20175	100	#0	QPSK	22.49	1.62	24.11	30	PASS
Band4	20	20175	1	#0	QAM16	22.81	1.62	24.43	30	PASS
Band4	20	20175	1	#Mid	QAM16	22.80	1.62	24.42	30	PASS
Band4	20	20175	1	#Max	QAM16	22.85	1.62	24.47	30	PASS
Band4	20	20175	50	#0	QAM16	21.63	1.62	23.25	30	PASS
Band4	20	20175	50	#Mid	QAM16	21.68	1.62	23.3	30	PASS
Band4	20	20175	50	#Max	QAM16	21.70	1.62	23.32	30	PASS
Band4	20	20175	100	#0	QAM16	21.58	1.62	23.2	30	PASS
Band4	20	20300	1	#0	QPSK	23.94	1.62	25.56	30	PASS
Band4	20	20300	1	#Mid	QPSK	23.77	1.62	25.39	30	PASS
Band4	20	20300	1	#Max	QPSK	23.79	1.62	25.41	30	PASS
Band4	20	20300	50	#0	QPSK	22.66	1.62	24.28	30	PASS
Band4	20	20300	50	#Mid	QPSK	22.49	1.62	24.11	30	PASS
Band4	20	20300	50	#Max	QPSK	22.60	1.62	24.22	30	PASS
Band4	20	20300	100	#0	QPSK	22.62	1.62	24.24	30	PASS
Band4	20	20300	1	#0	QAM16	22.70	1.62	24.32	30	PASS
Band4	20	20300	1	#Mid	QAM16	22.66	1.62	24.28	30	PASS
Band4	20	20300	1	#Max	QAM16	22.72	1.62	24.34	30	PASS
Band4	20	20300	50	#0	QAM16	21.73	1.62	23.35	30	PASS
Band4	20	20300	50	#Mid	QAM16	21.68	1.62	23.3	30	PASS
Band4	20	20300	50	#Max	QAM16	21.66	1.62	23.28	30	PASS
Band4	20	20300	100	#0	QAM16	21.72	1.62	23.34	30	PASS

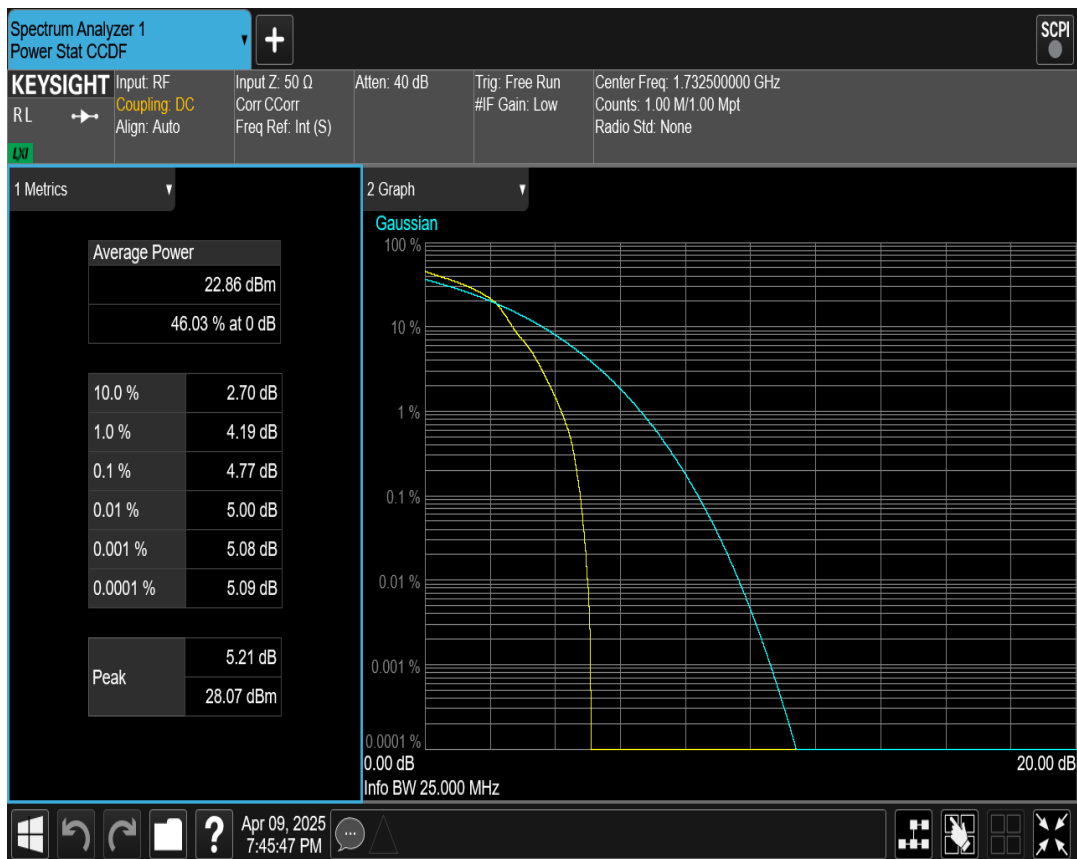
## 2 Frequency stability

<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result(Hz)</i>	<i>Result (ppm)</i>	<i>Low Limit (ppm)</i>	<i>high Limit (ppm)</i>	<i>Verdict</i>
Band4	20	20050	100	#0	QPSK	4.59	0.003	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	7.02	0.004	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	16.92	0.010	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	18.55	0.011	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	4.50	0.003	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	0.77	0.000	-2.5	2.5	PASS

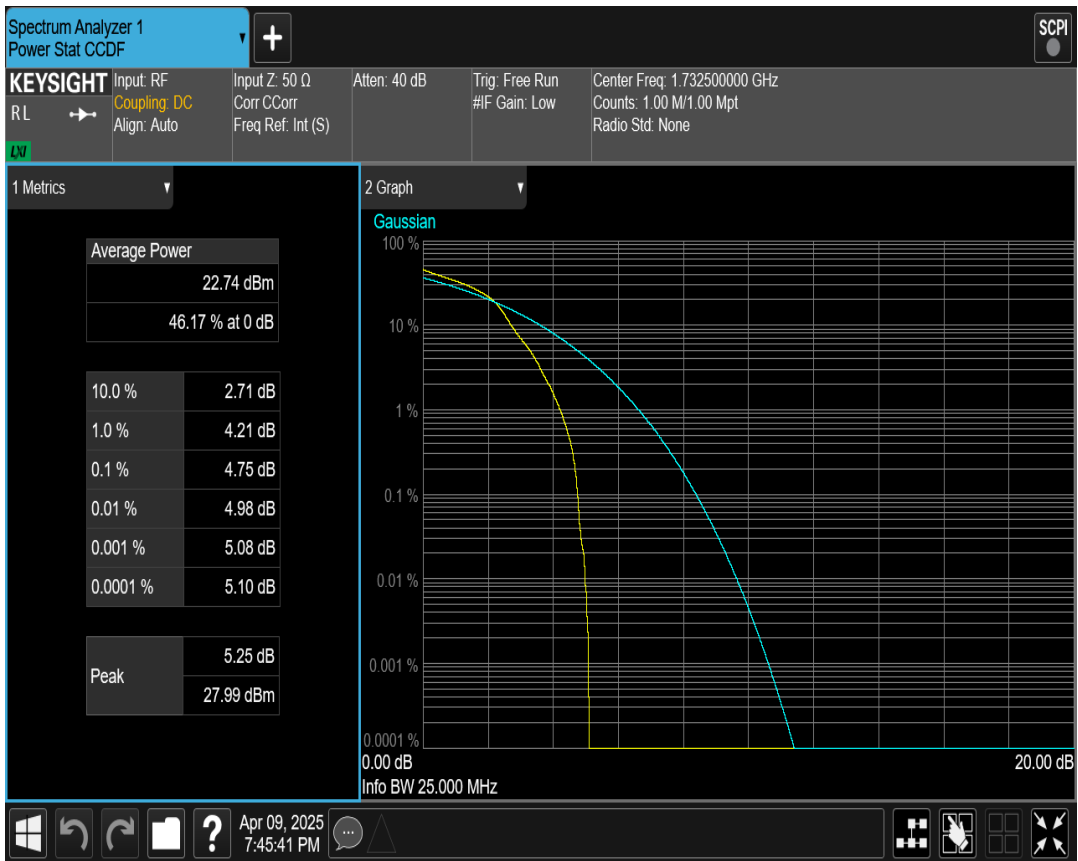
### 3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QPSK	4.38	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.14	13	PASS
Band4	3	20175	1	#0	QPSK	4.31	13	PASS
Band4	3	20175	1	#0	QAM16	5.26	13	PASS
Band4	5	20175	1	#0	QPSK	4.36	13	PASS
Band4	5	20175	1	#0	QAM16	5.19	13	PASS
Band4	10	20175	1	#0	QPSK	3.96	13	PASS
Band4	10	20175	1	#0	QAM16	4.75	13	PASS
Band4	15	20175	1	#0	QPSK	3.98	13	PASS
Band4	15	20175	1	#0	QAM16	4.77	13	PASS
Band4	20	20175	1	#0	QPSK	3.96	13	PASS
Band4	20	20175	1	#0	QAM16	4.64	13	PASS

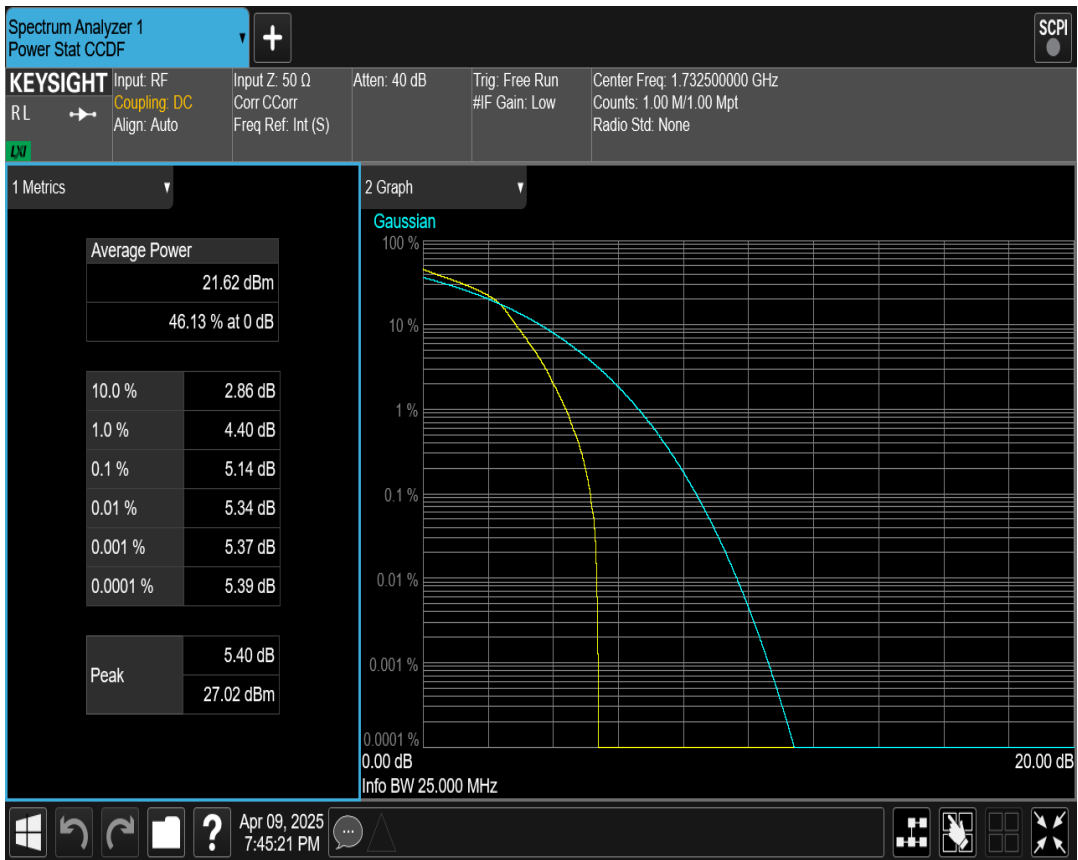
**Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0**



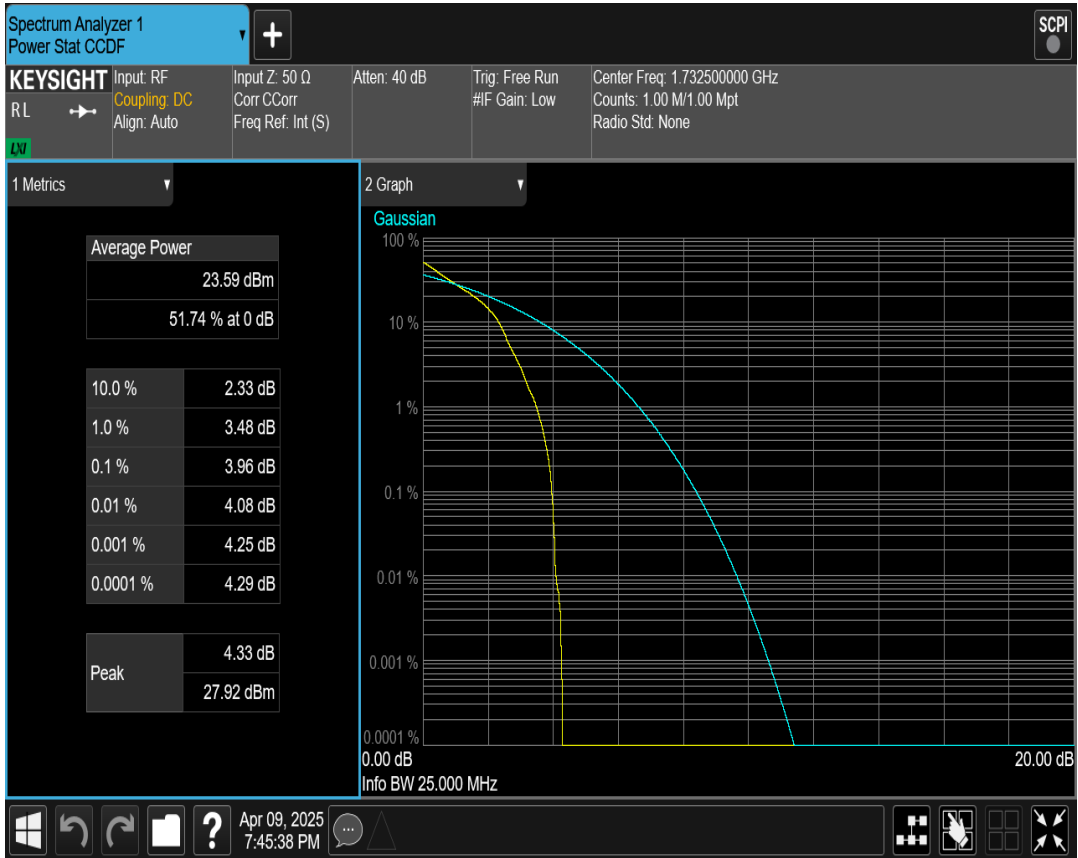
**Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0**



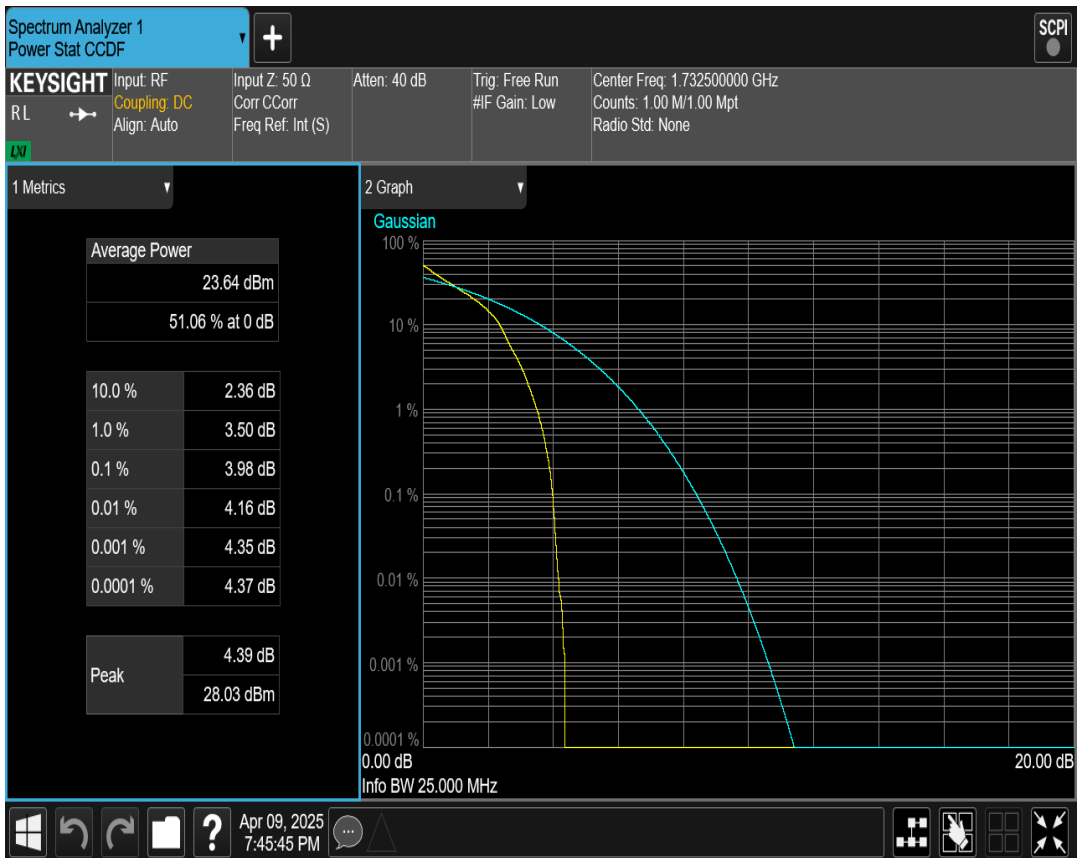
**Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0**



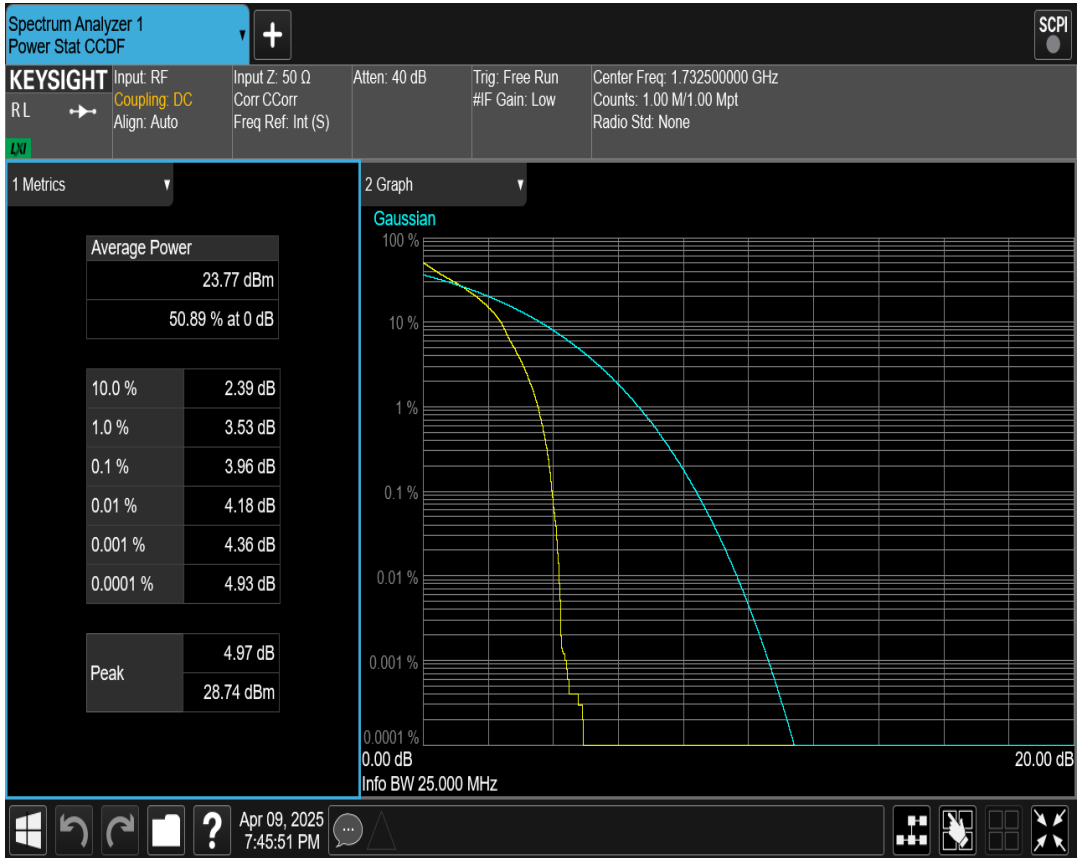
**Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0**



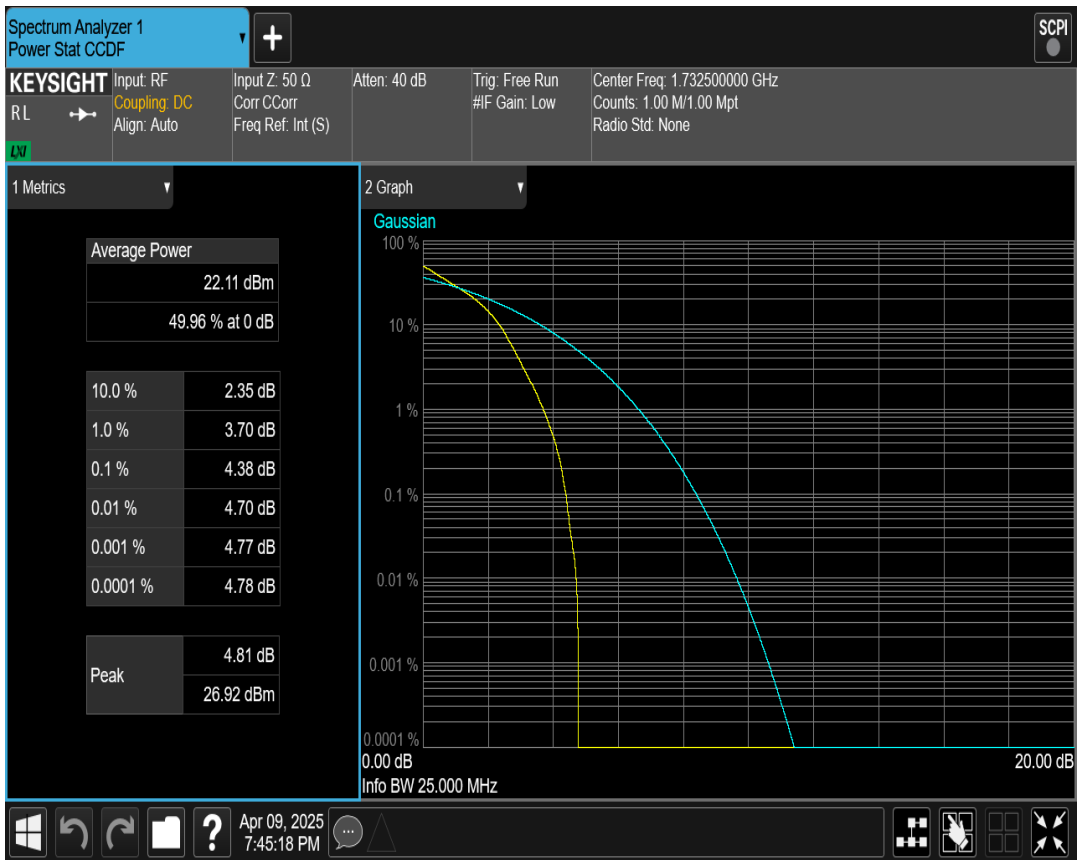
**Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0**



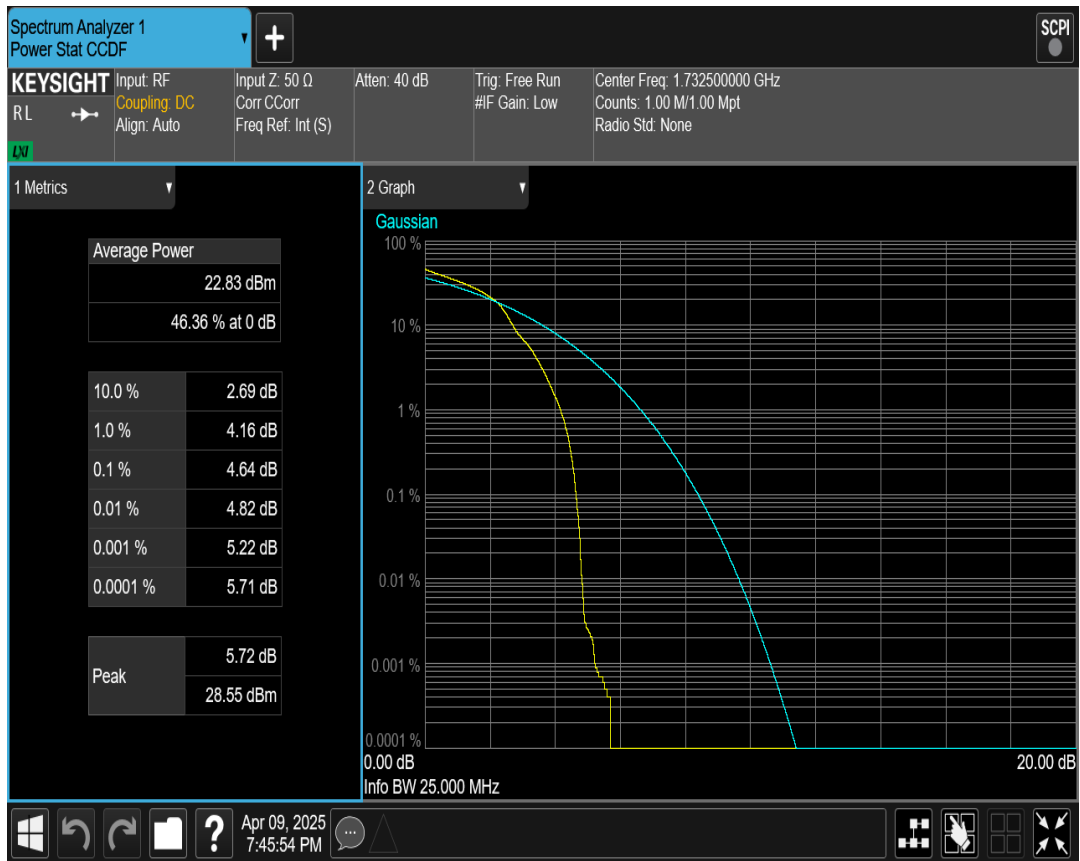
**Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0**



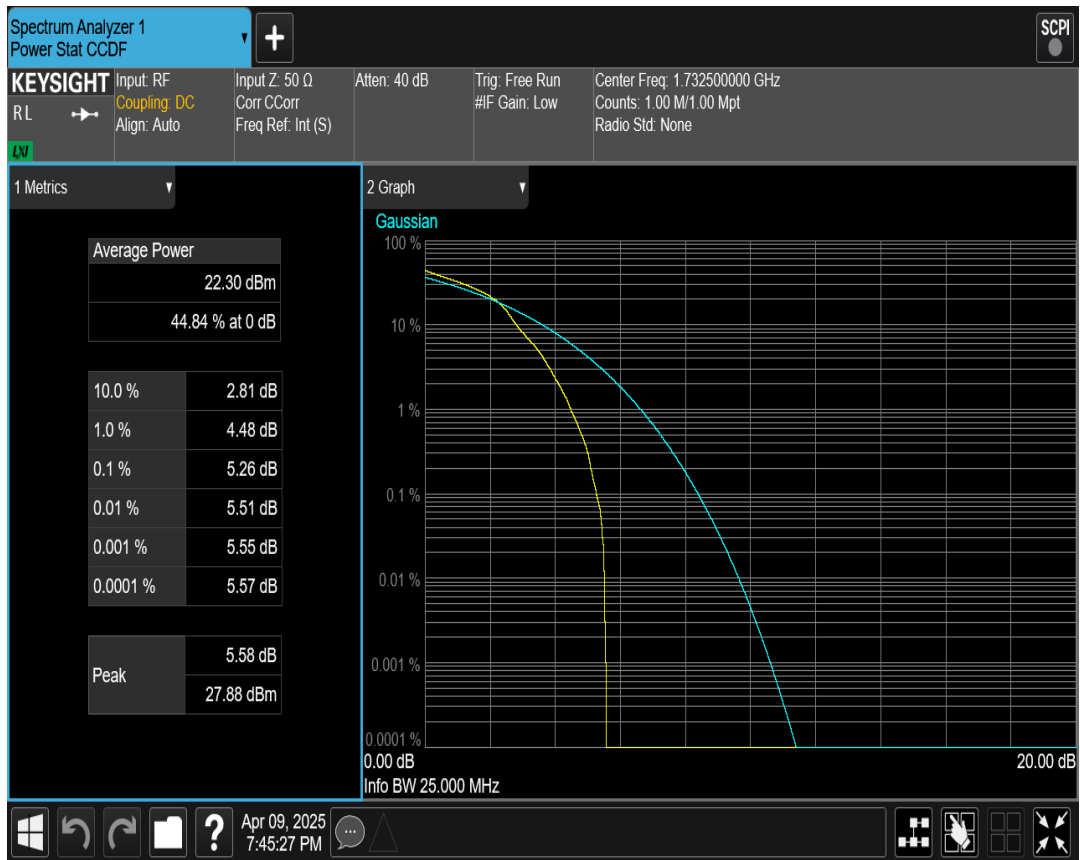
**Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0**



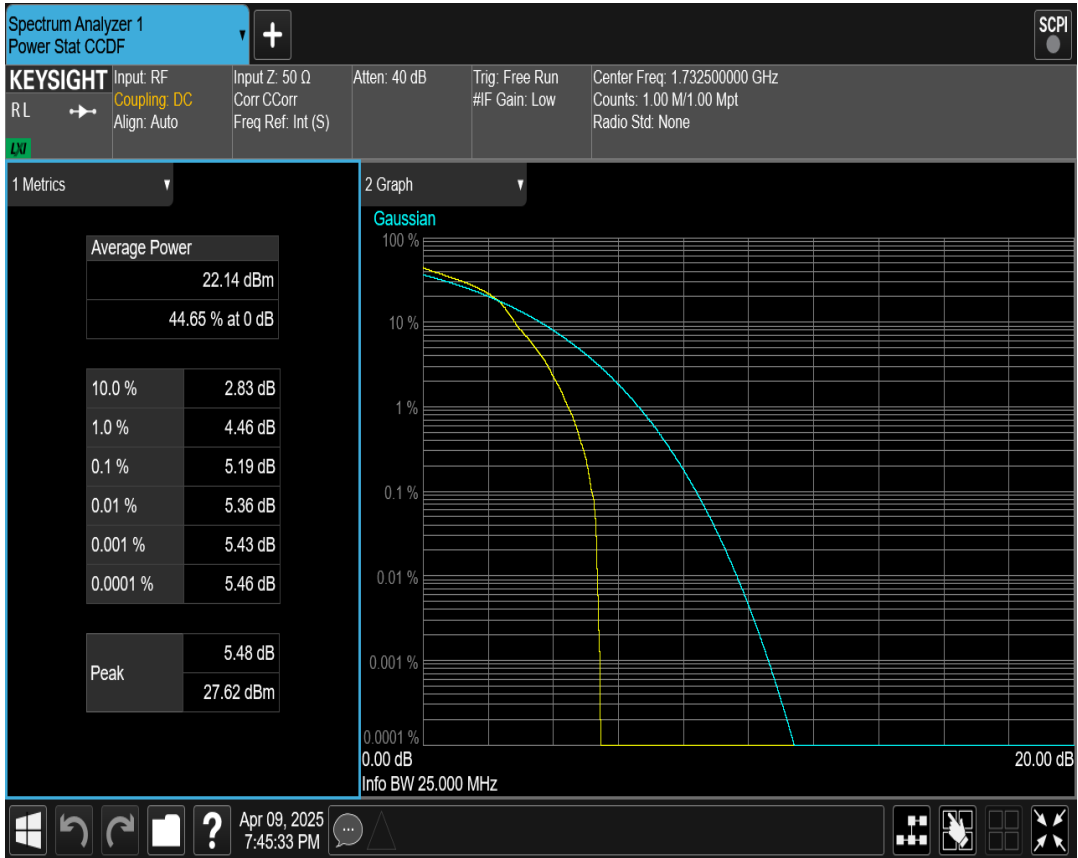
**Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0**



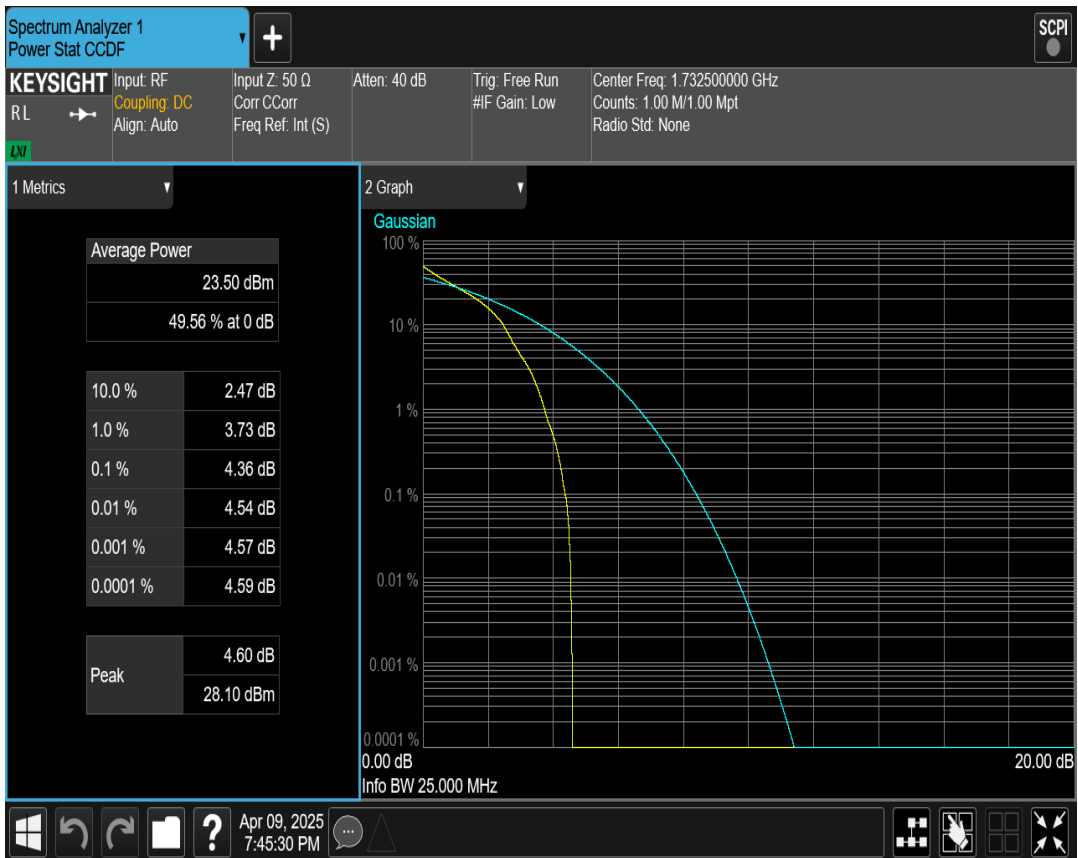
**Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0**



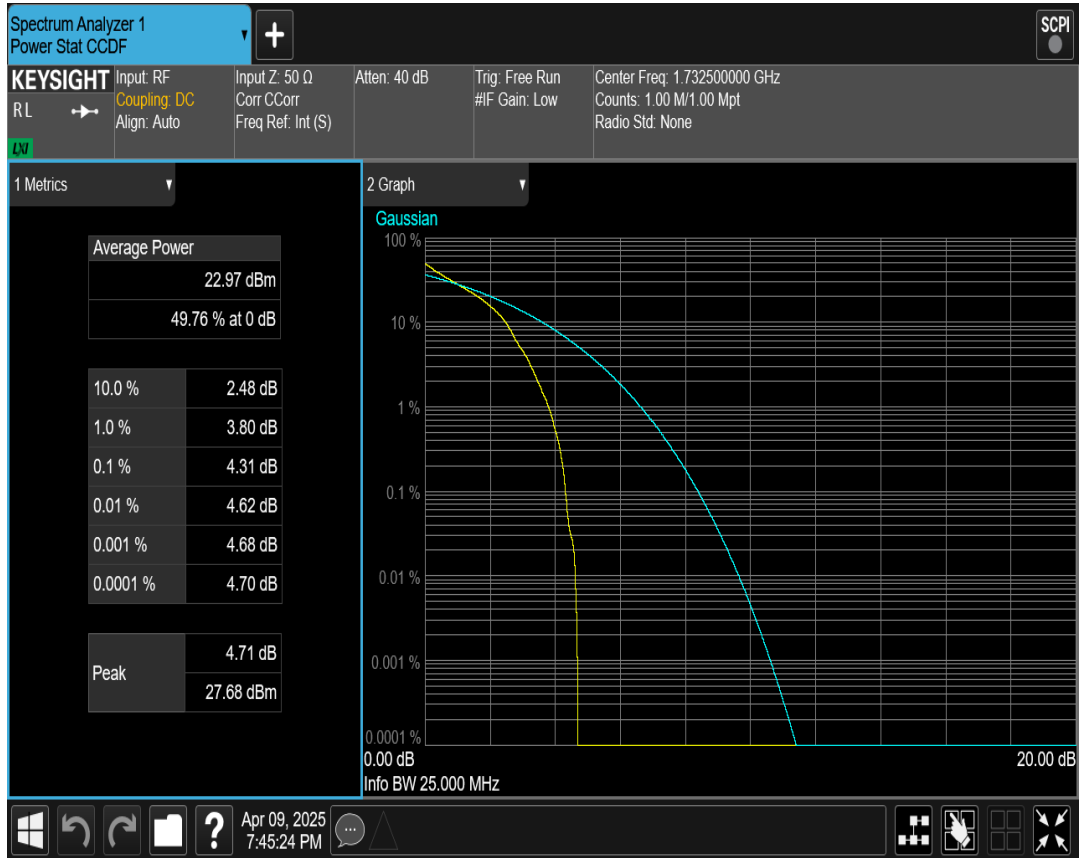
**Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0**



**Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0**



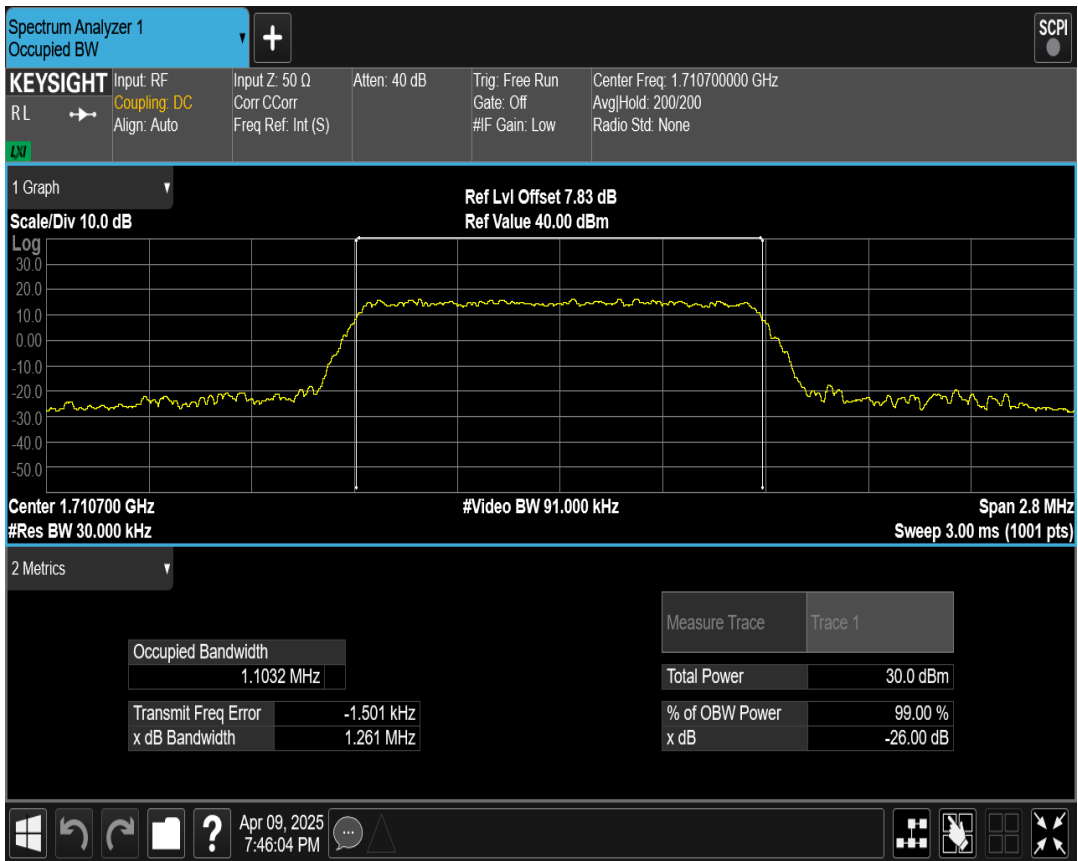
**Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0**



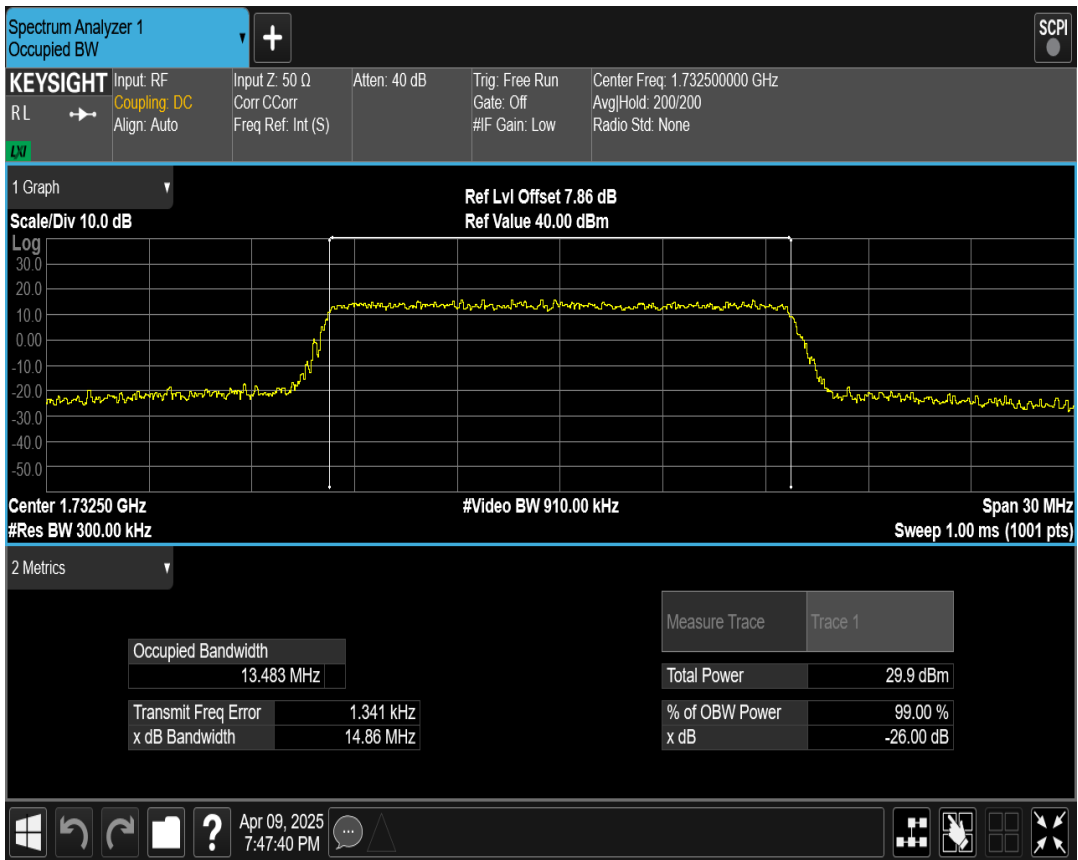
## 4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.092	1.250	PASS
Band4	1.4	19957	6	#0	QAM16	1.103	1.261	PASS
Band4	1.4	20175	6	#0	QPSK	1.091	1.249	PASS
Band4	1.4	20175	6	#0	QAM16	1.096	1.241	PASS
Band4	1.4	20393	6	#0	QPSK	1.097	1.252	PASS
Band4	1.4	20393	6	#0	QAM16	1.097	1.246	PASS
Band4	3	19965	15	#0	QPSK	2.702	3.041	PASS
Band4	3	19965	15	#0	QAM16	2.705	3.052	PASS
Band4	3	20175	15	#0	QPSK	2.706	3.021	PASS
Band4	3	20175	15	#0	QAM16	2.711	3.027	PASS
Band4	3	20385	15	#0	QPSK	2.712	3.026	PASS
Band4	3	20385	15	#0	QAM16	2.718	3.056	PASS
Band4	5	19975	25	#0	QPSK	4.515	4.954	PASS
Band4	5	19975	25	#0	QAM16	4.506	4.977	PASS
Band4	5	20175	25	#0	QPSK	4.516	4.963	PASS
Band4	5	20175	25	#0	QAM16	4.530	4.978	PASS
Band4	5	20375	25	#0	QPSK	4.515	5.008	PASS
Band4	5	20375	25	#0	QAM16	4.504	4.952	PASS
Band4	10	20000	50	#0	QPSK	9.012	9.869	PASS
Band4	10	20000	50	#0	QAM16	9.006	9.945	PASS
Band4	10	20175	50	#0	QPSK	9.006	9.859	PASS
Band4	10	20175	50	#0	QAM16	8.983	9.858	PASS
Band4	10	20350	50	#0	QPSK	9.023	9.833	PASS
Band4	10	20350	50	#0	QAM16	9.008	9.967	PASS
Band4	15	20025	75	#0	QPSK	13.470	14.909	PASS
Band4	15	20025	75	#0	QAM16	13.502	14.906	PASS
Band4	15	20175	75	#0	QPSK	13.478	14.774	PASS
Band4	15	20175	75	#0	QAM16	13.483	14.863	PASS
Band4	15	20325	75	#0	QPSK	13.484	14.826	PASS
Band4	15	20325	75	#0	QAM16	13.499	14.859	PASS
Band4	20	20050	100	#0	QPSK	17.974	19.589	PASS
Band4	20	20050	100	#0	QAM16	18.037	19.456	PASS
Band4	20	20175	100	#0	QPSK	17.935	19.599	PASS
Band4	20	20175	100	#0	QAM16	17.980	19.669	PASS
Band4	20	20300	100	#0	QPSK	18.015	19.782	PASS
Band4	20	20300	100	#0	QAM16	18.014	19.613	PASS

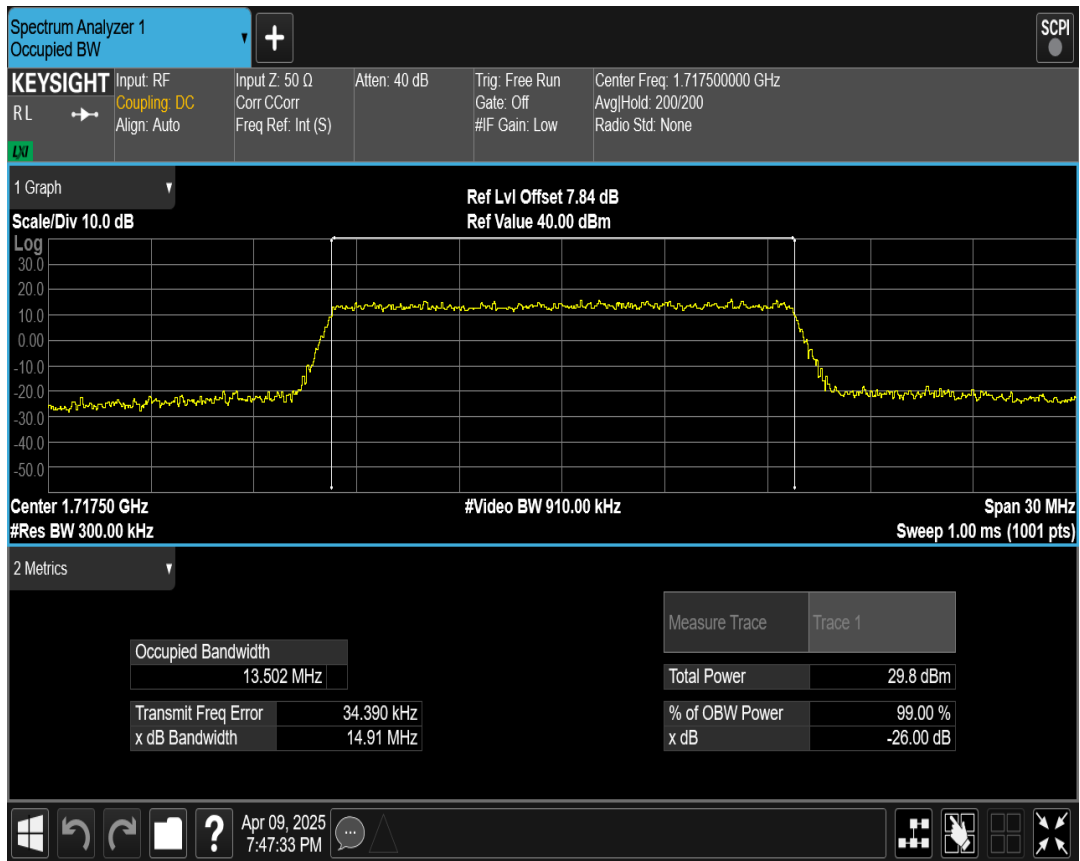
**Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0**



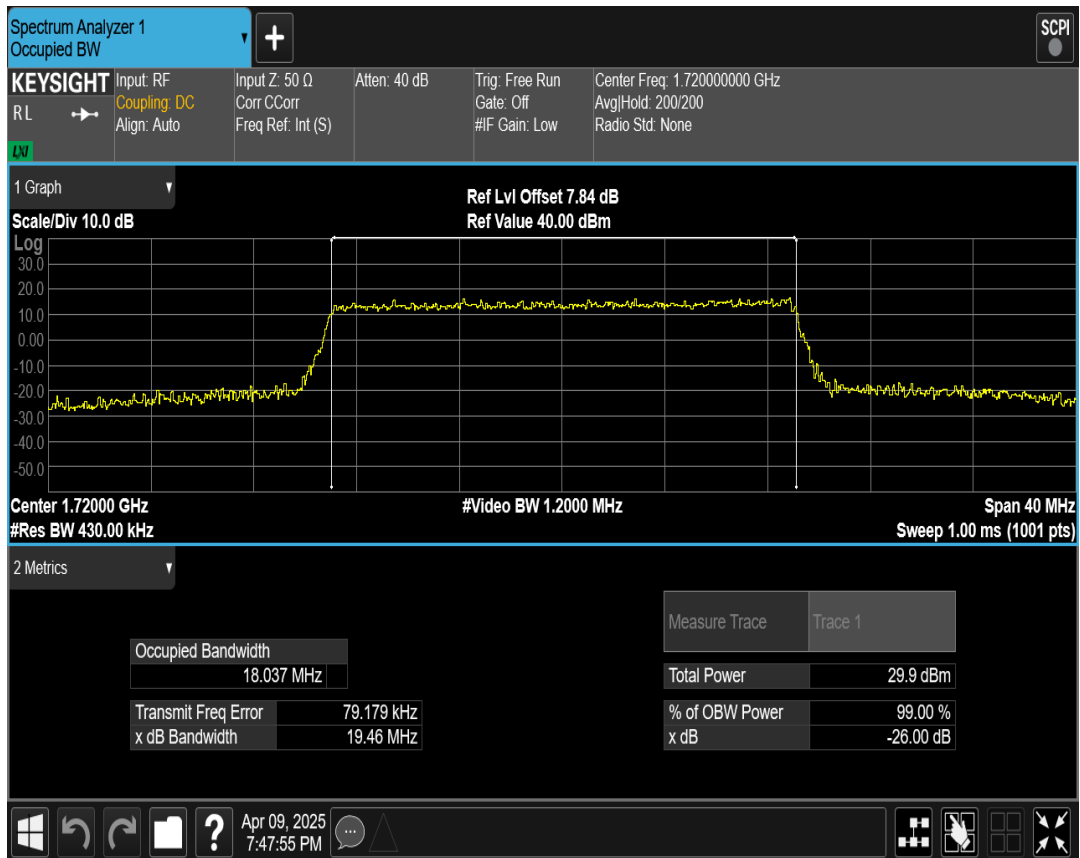
**Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0**



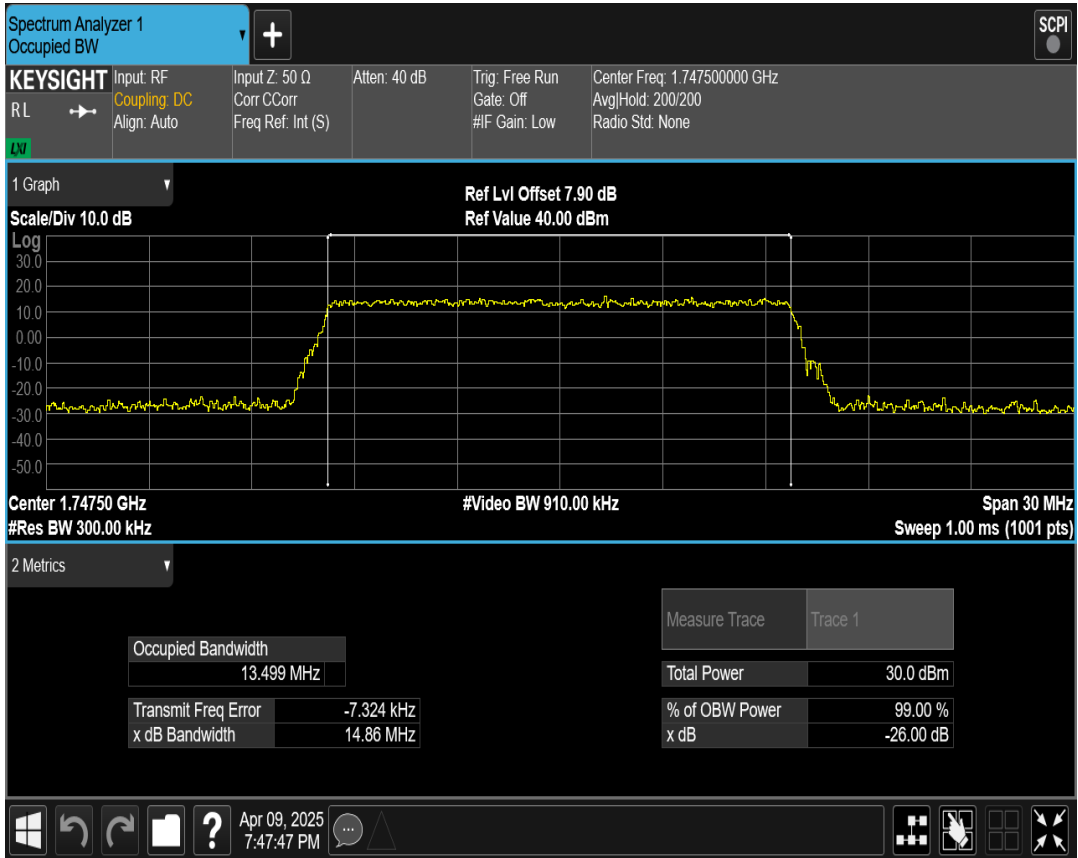
**Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0**



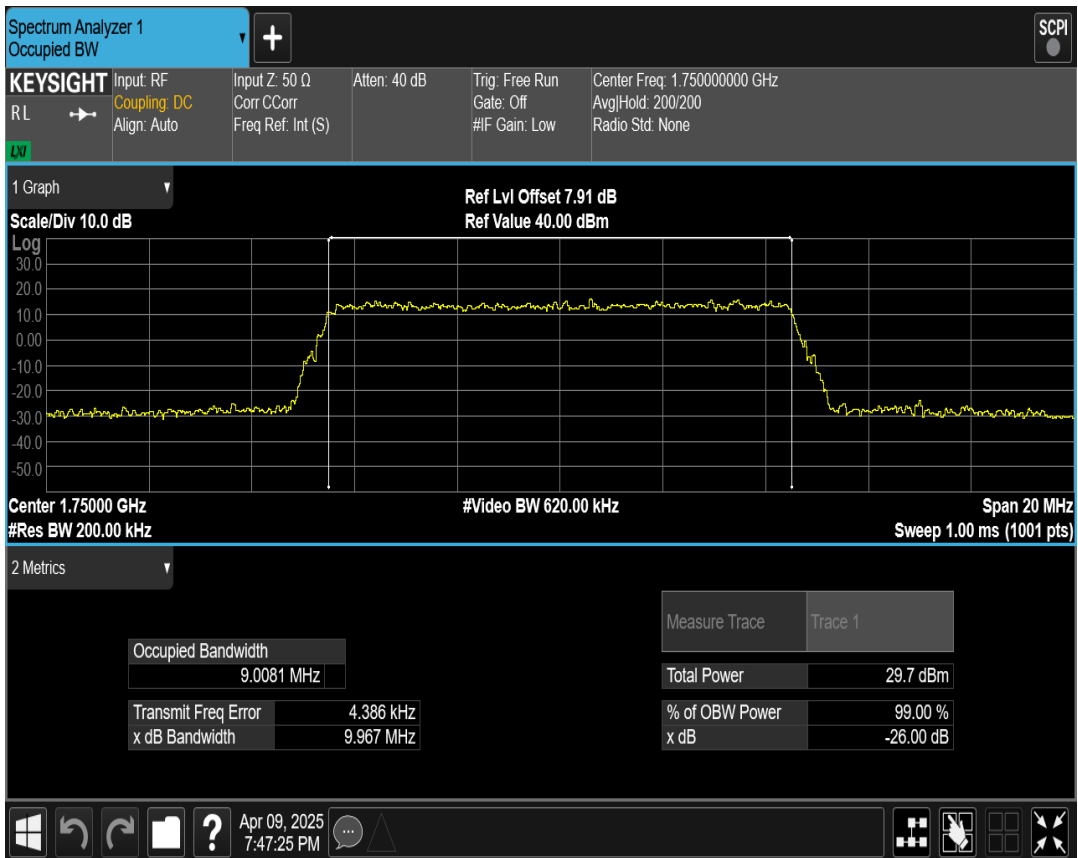
**Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0**



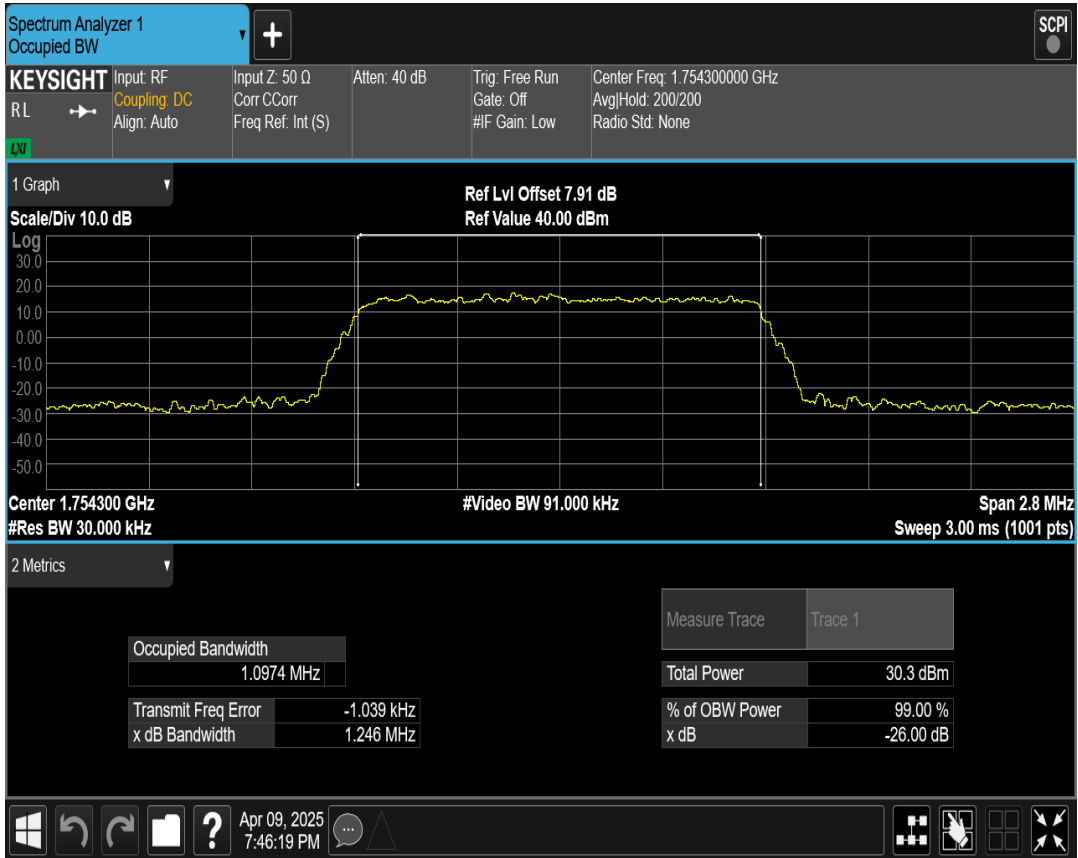
**Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0**



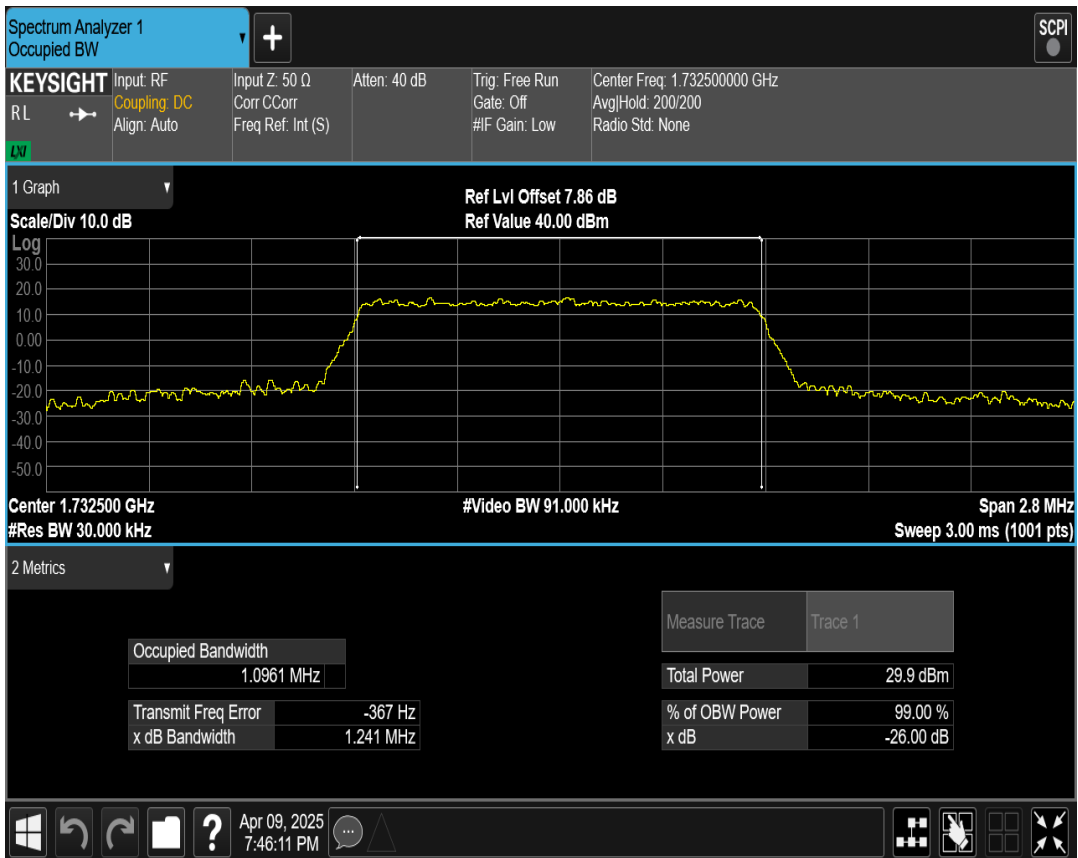
**Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0**



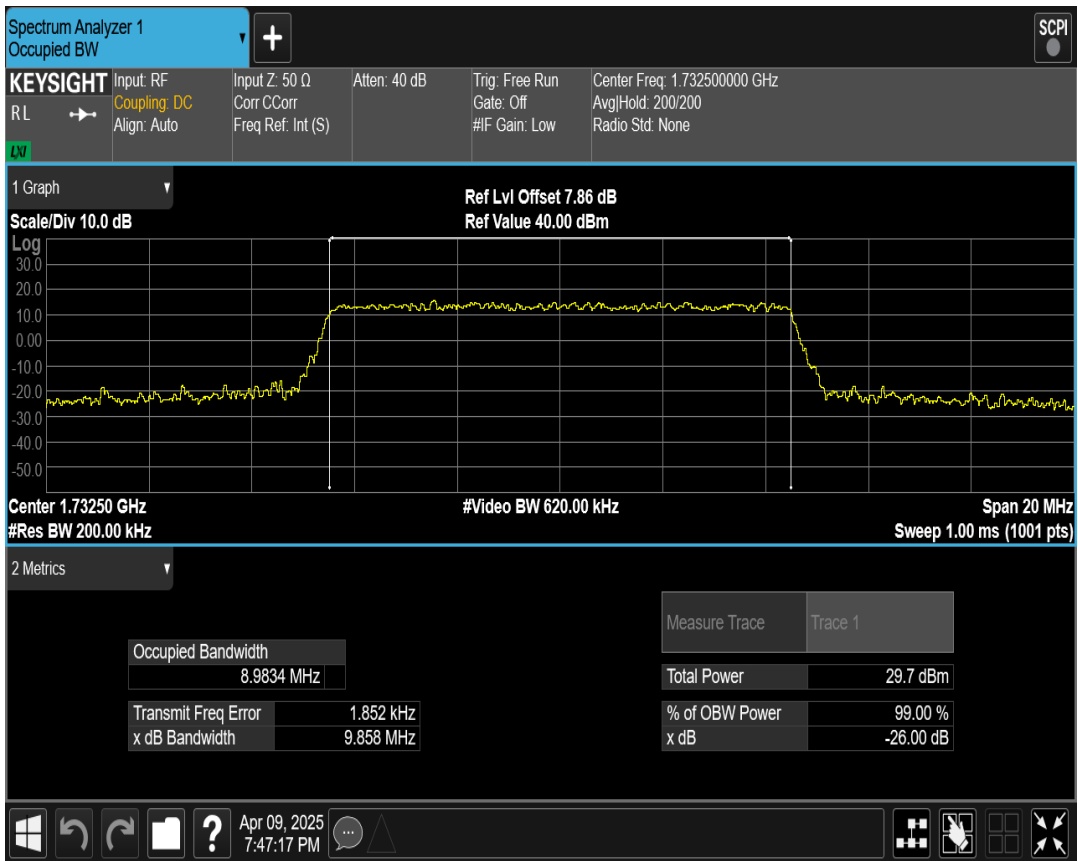
**Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0**



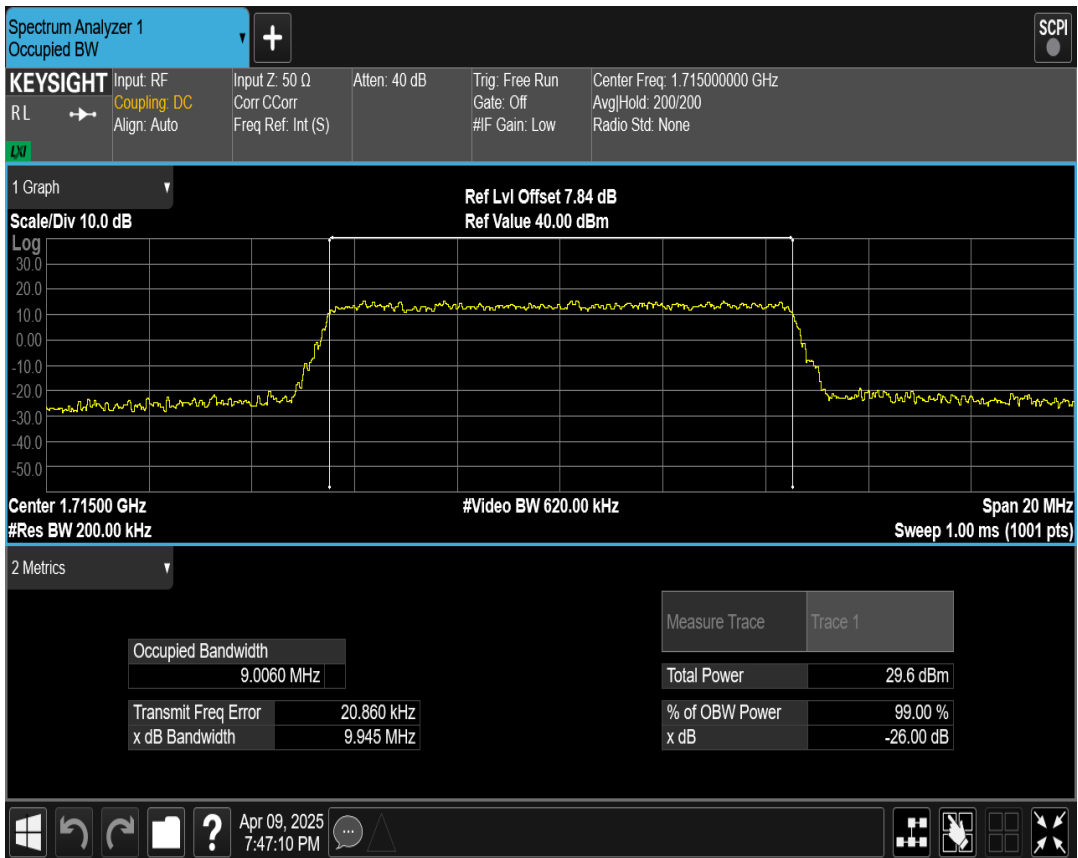
**Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0**



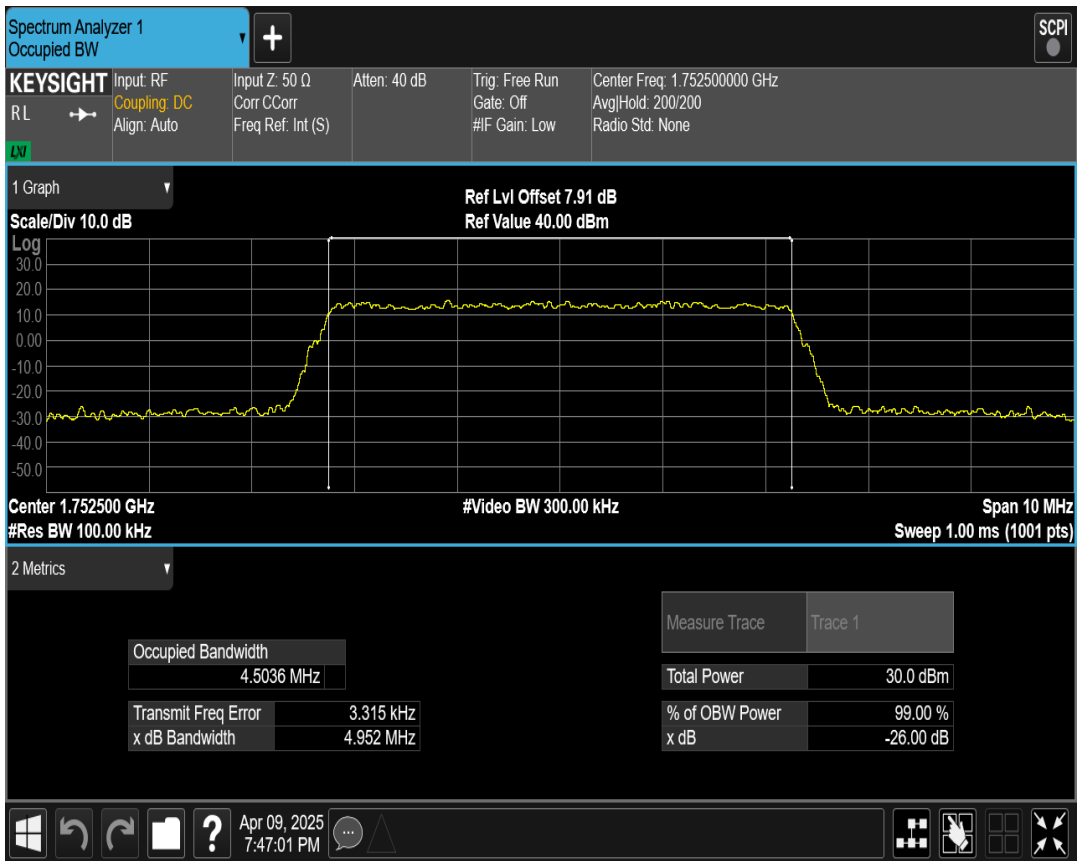
**Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0**



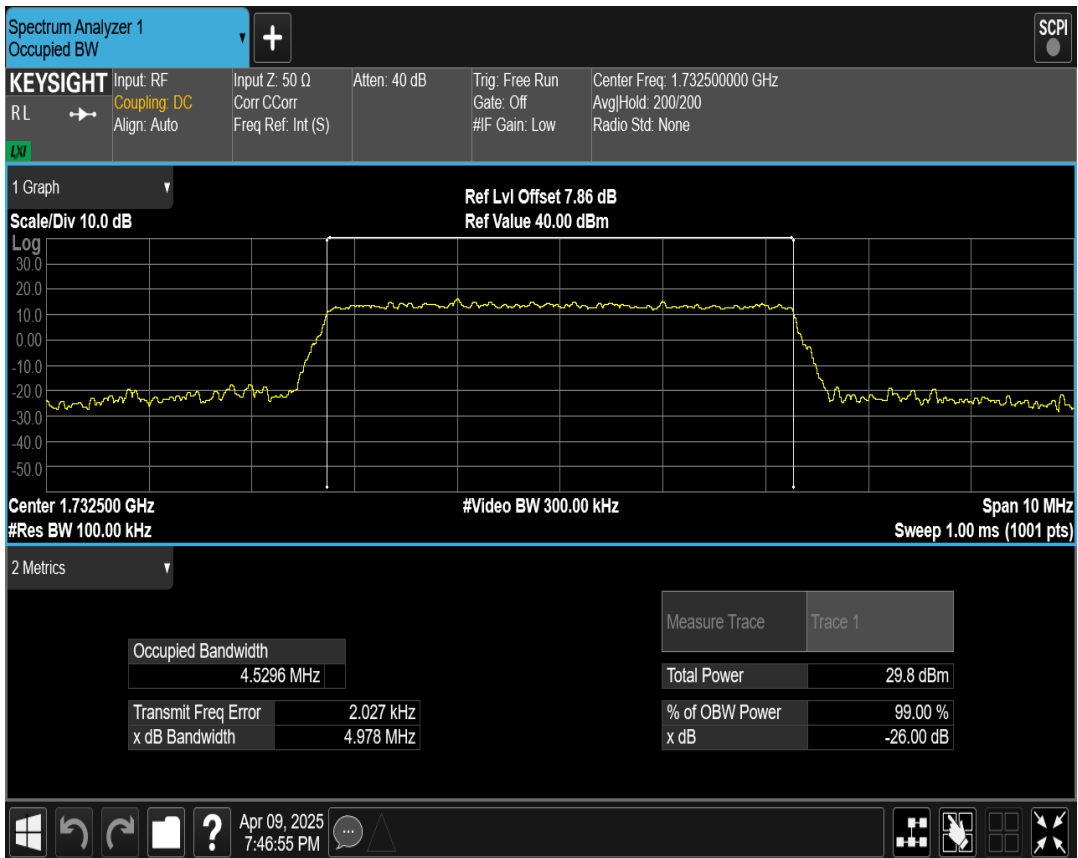
**Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0**



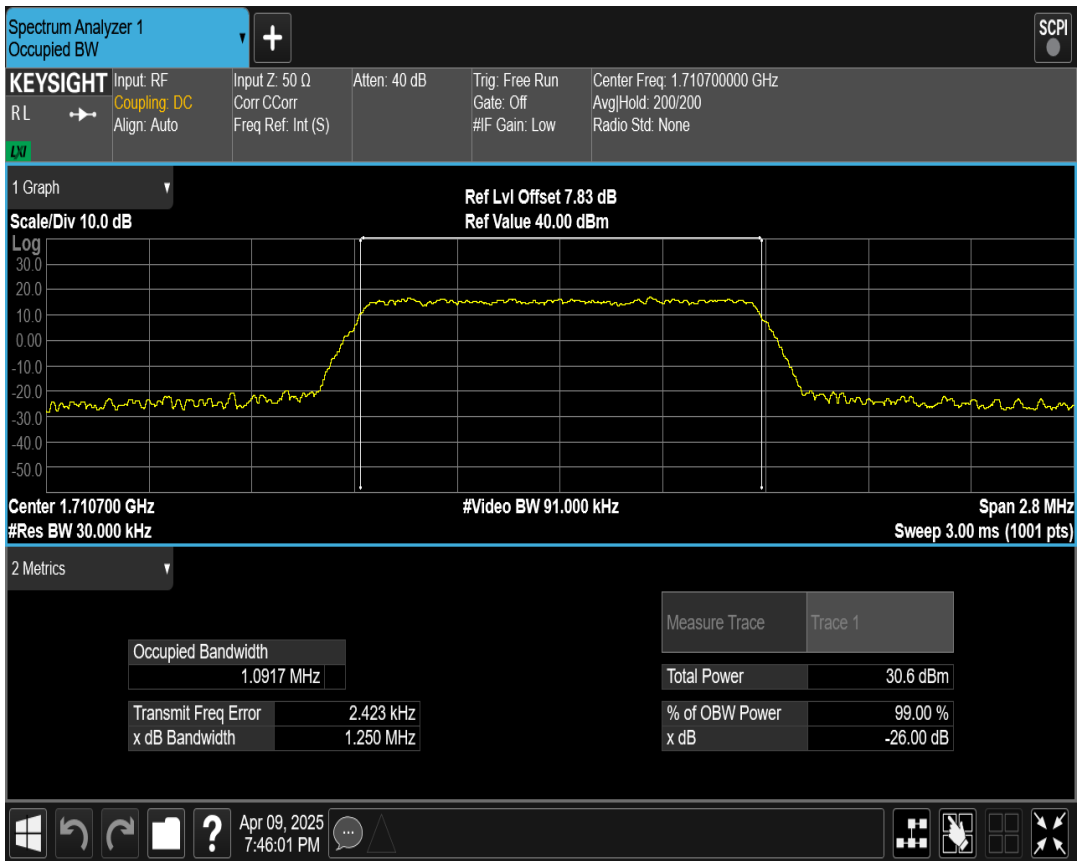
**Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0**



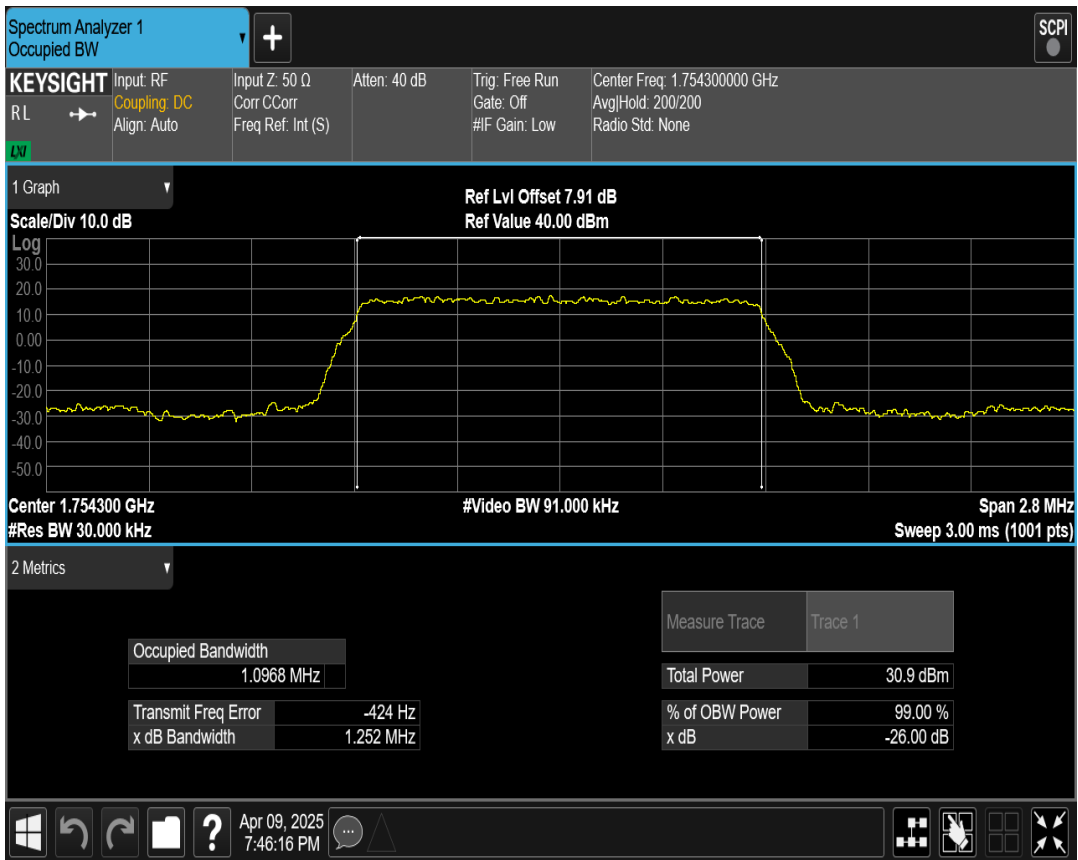
**Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0**



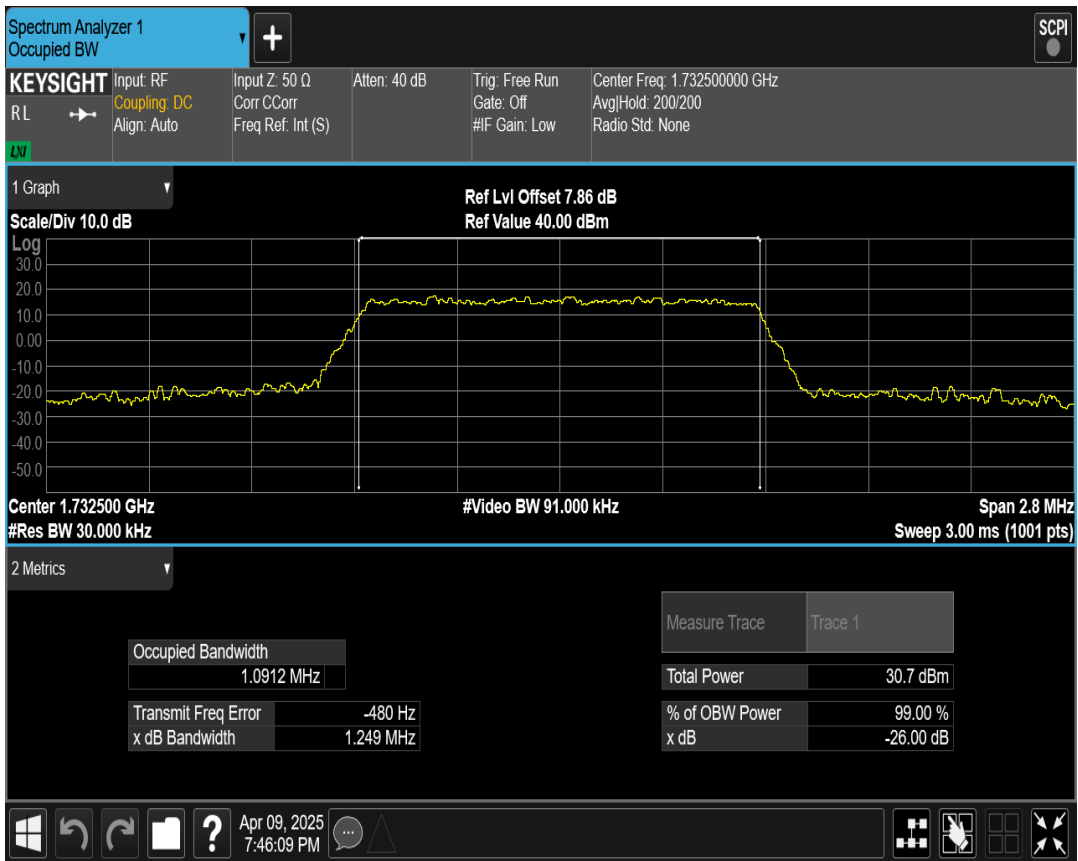
**Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0**



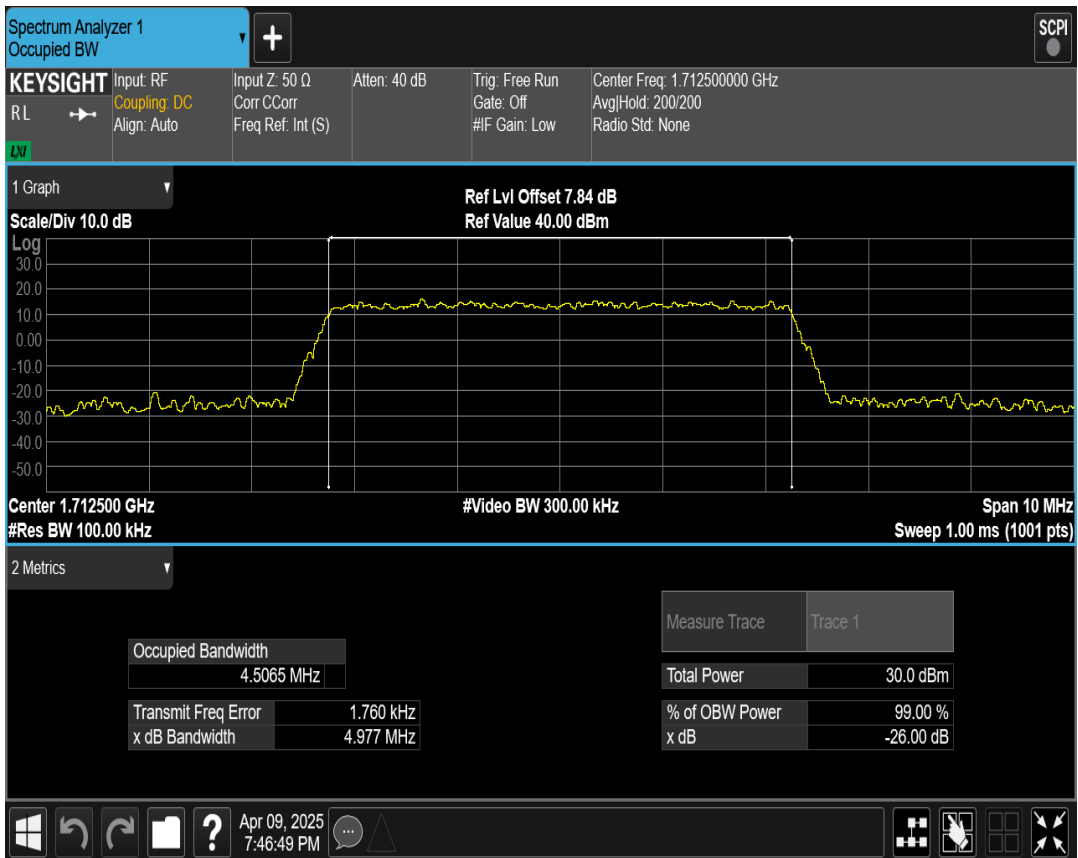
**Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0**



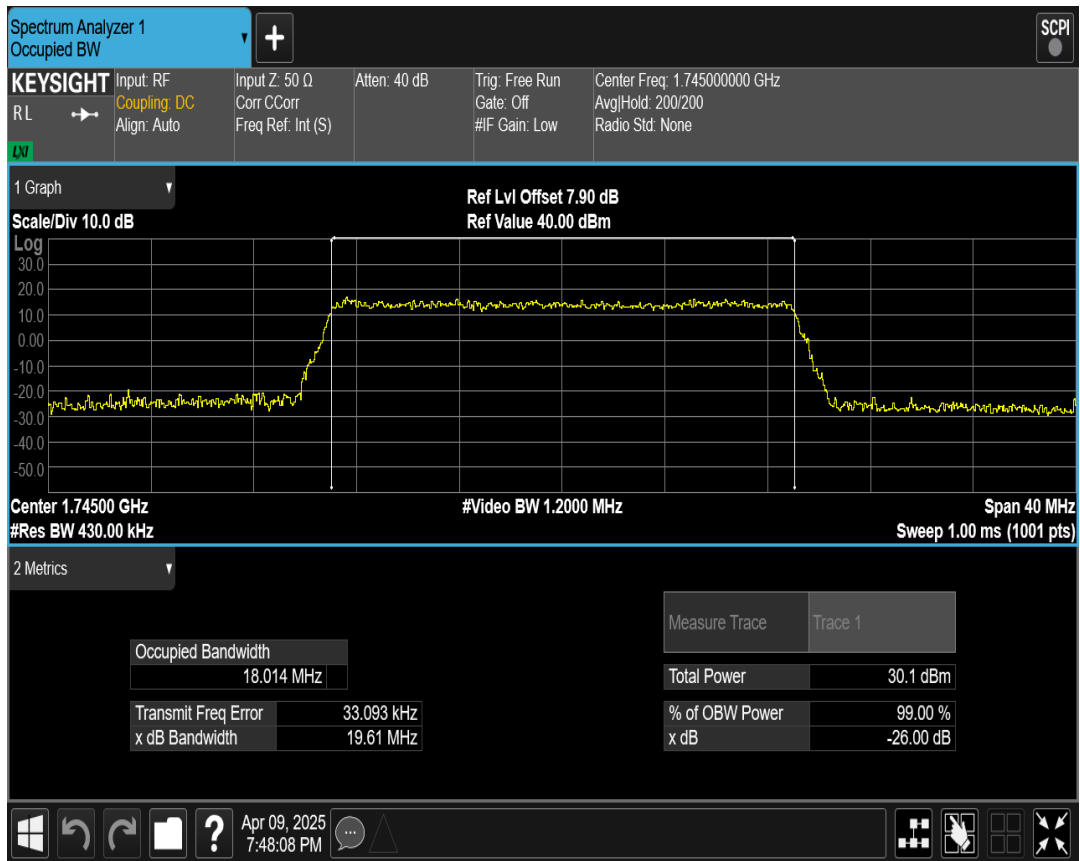
**Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0**



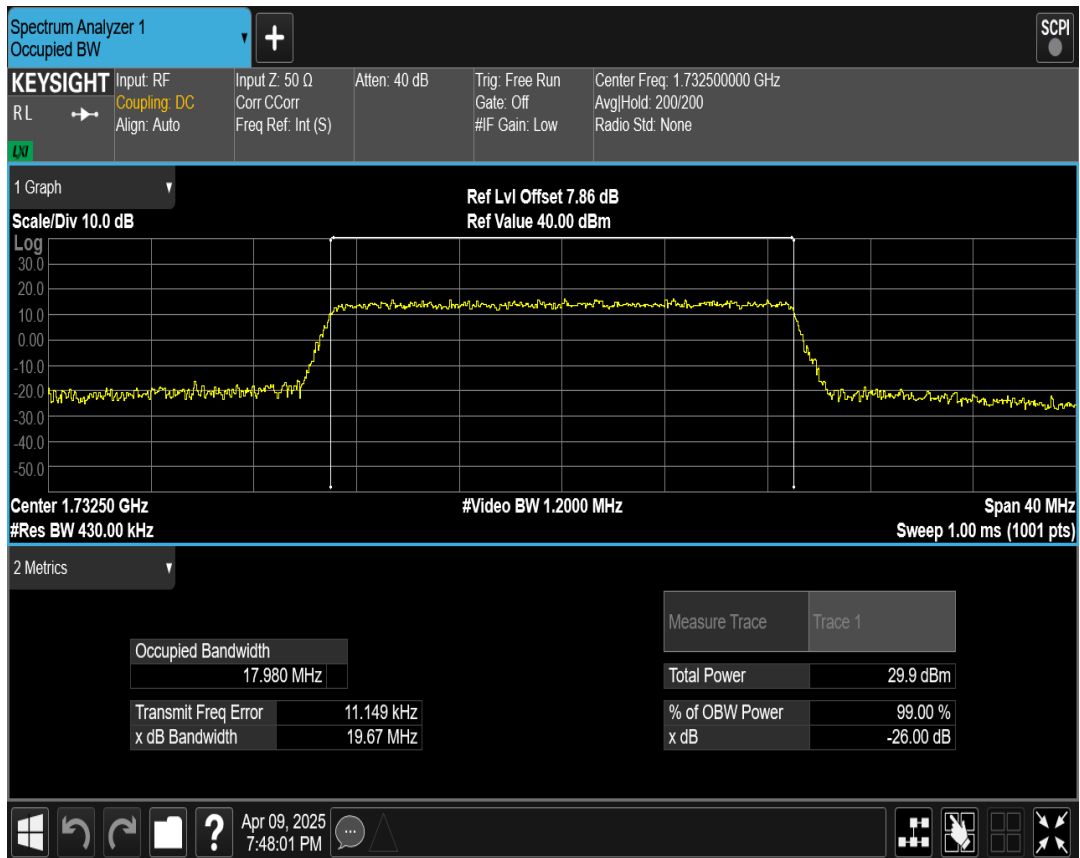
**Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0**



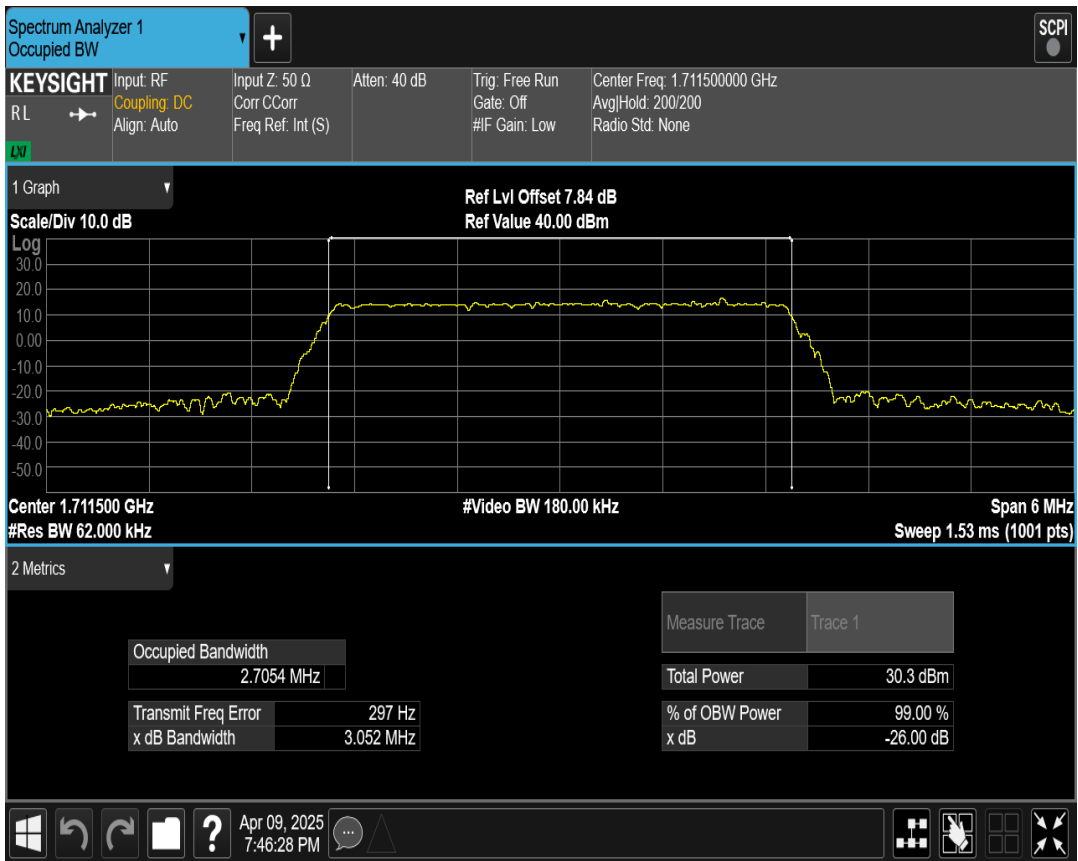
**Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0**



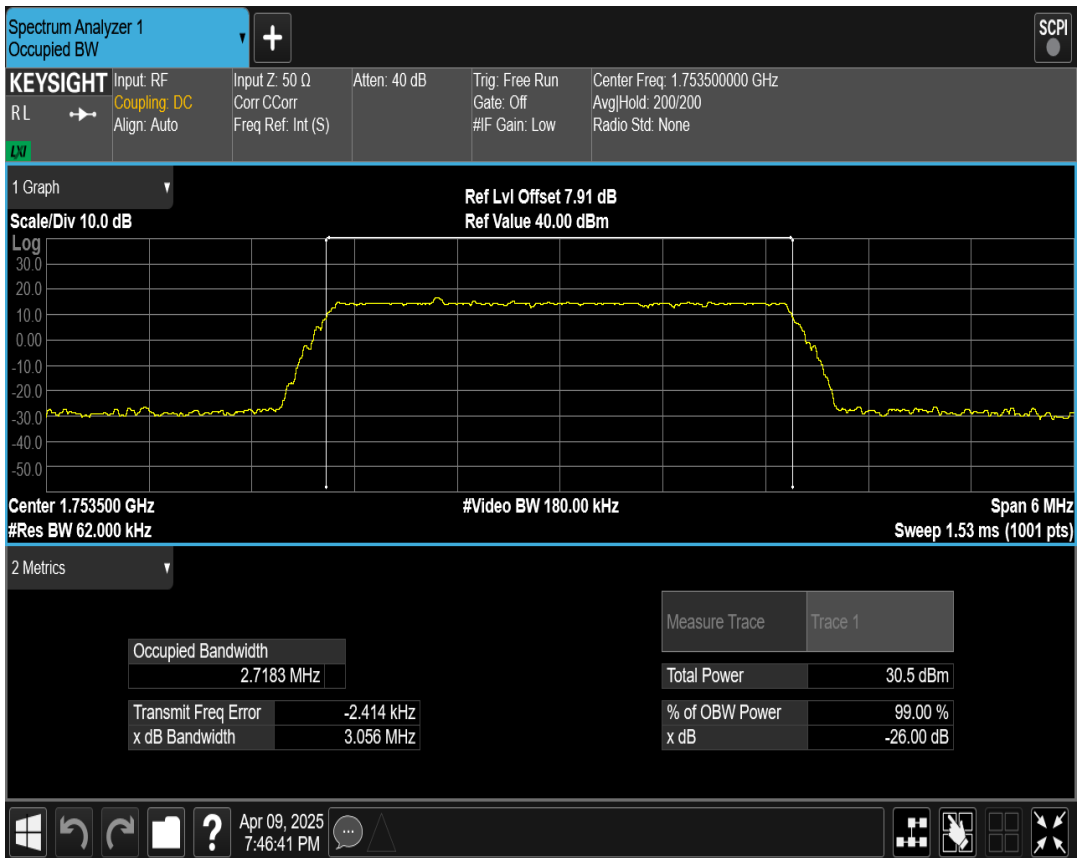
**Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0**



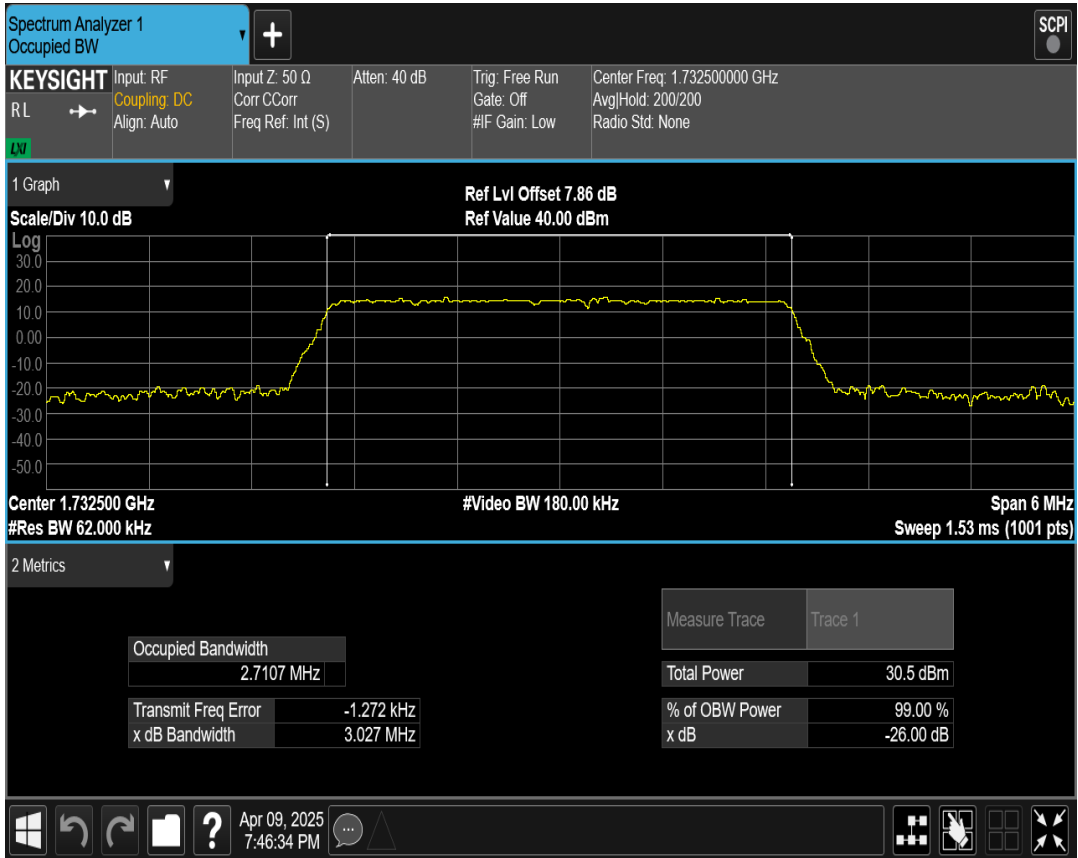
**Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0**



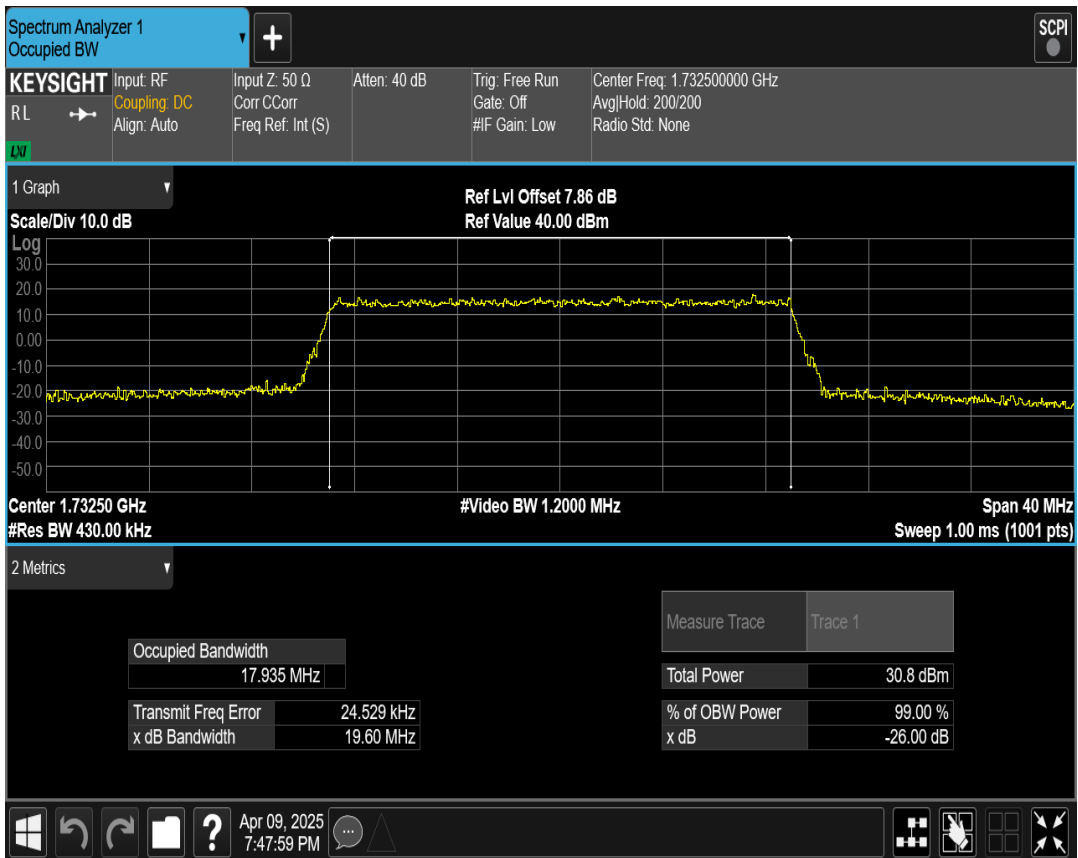
**Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0**



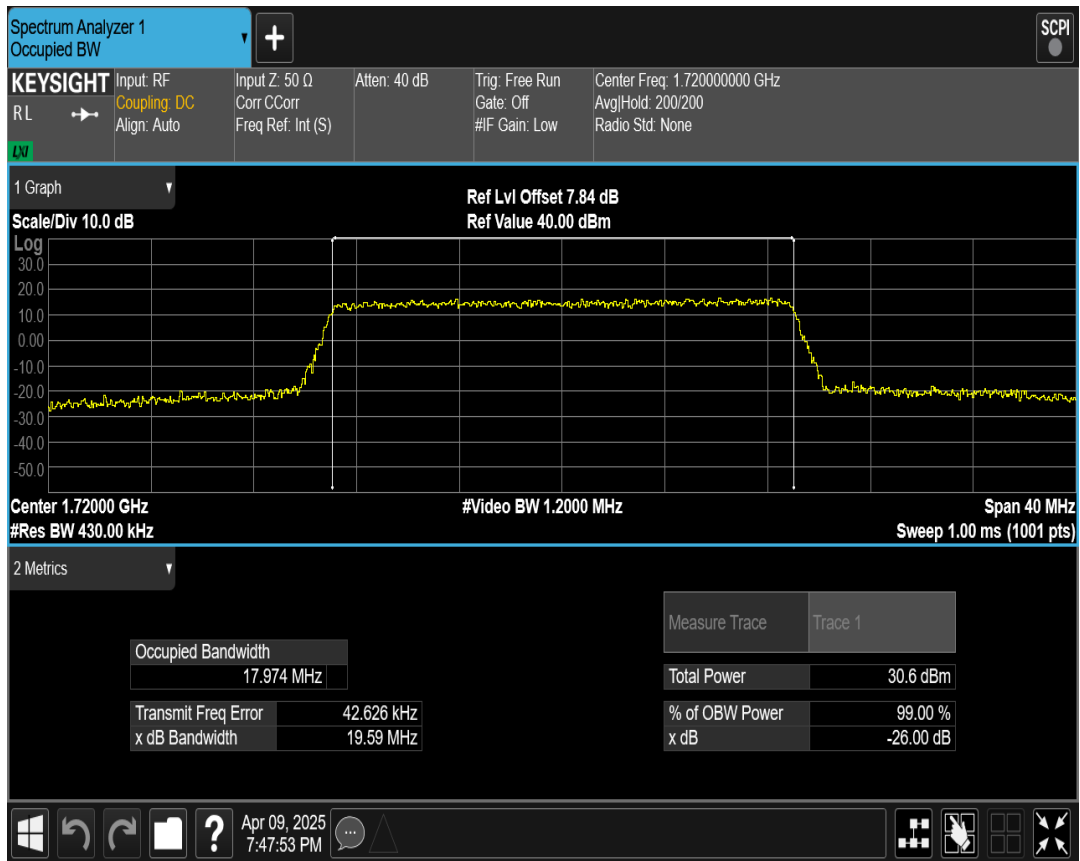
**Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0**



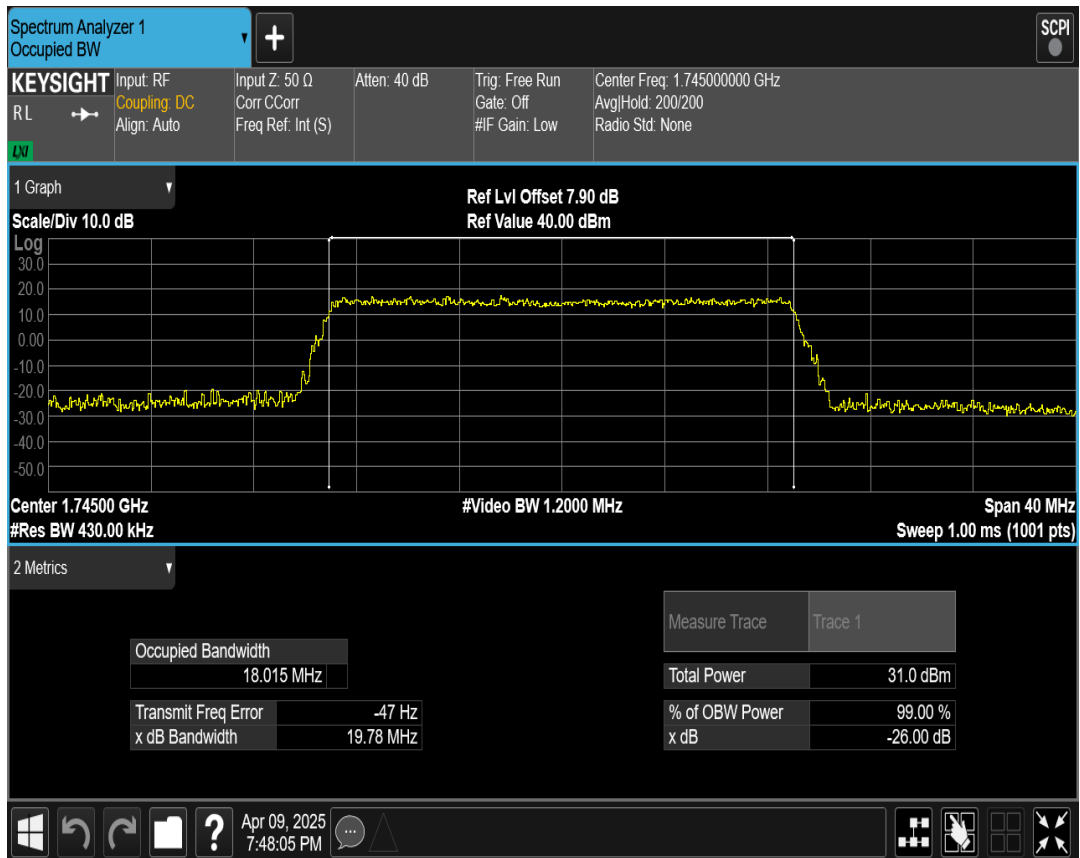
**Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0**



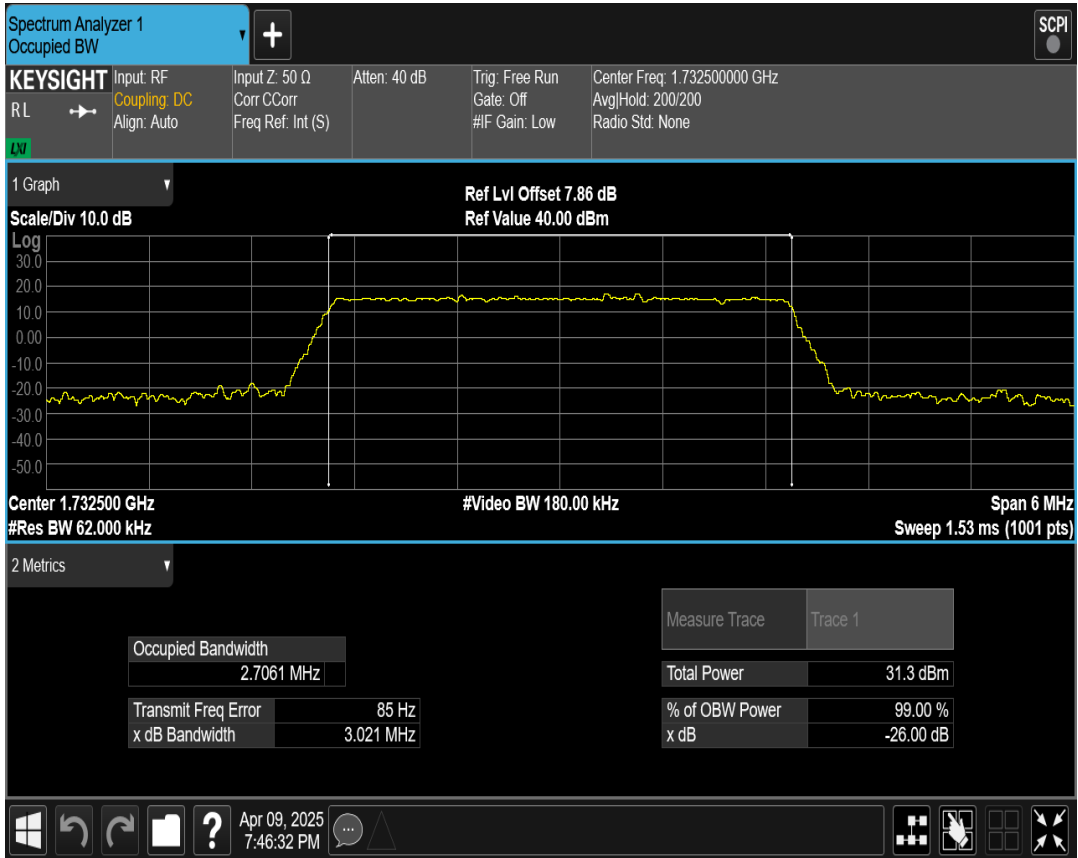
**Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0**



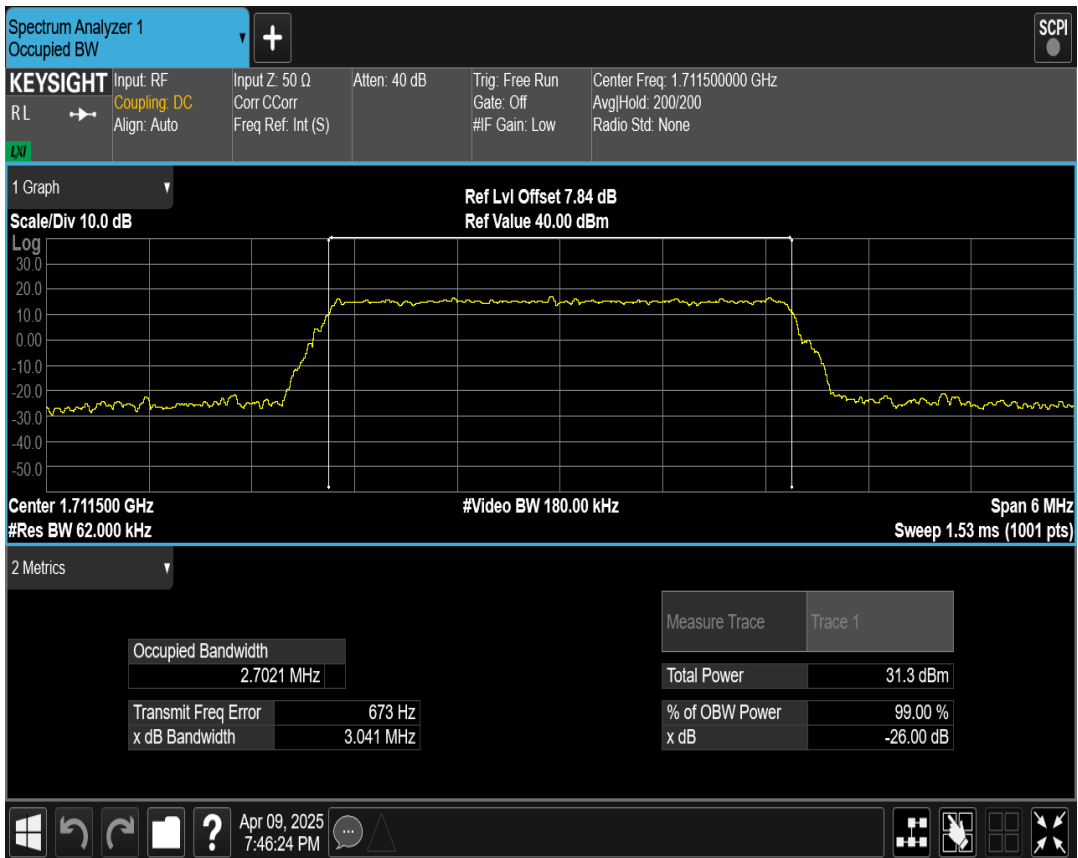
**Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0**



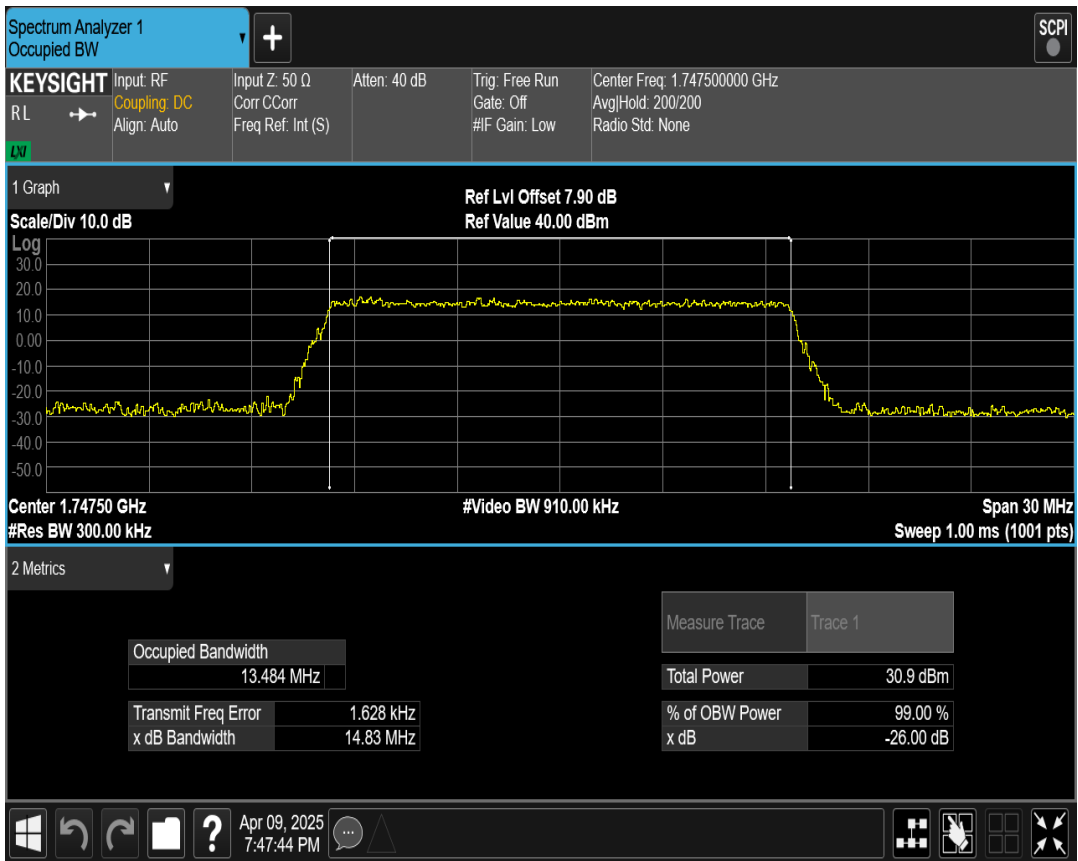
**Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0**



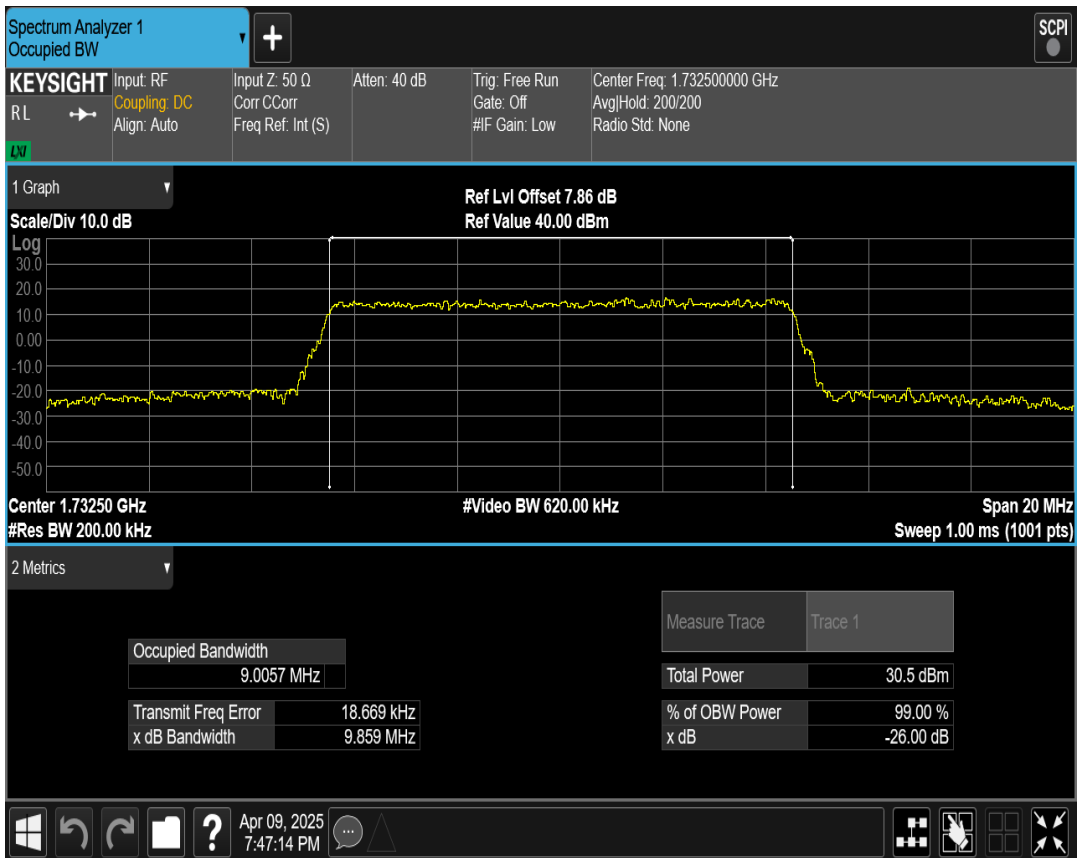
**Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0**



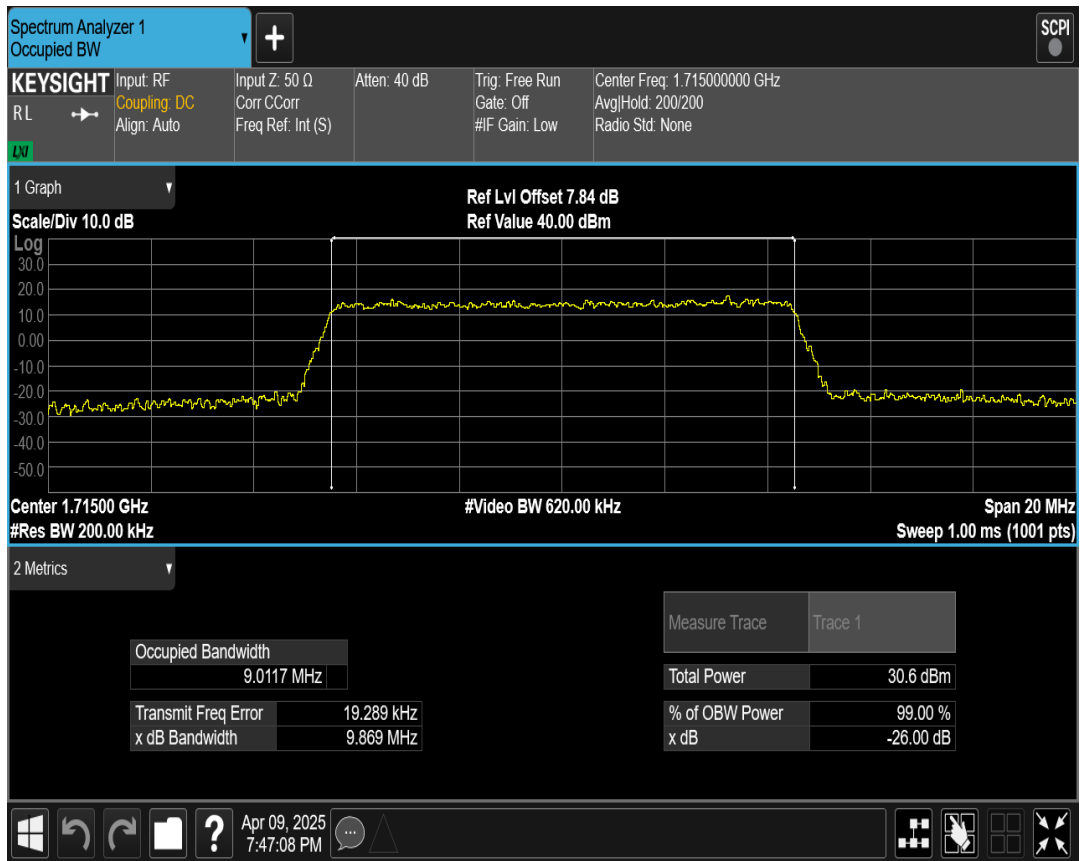
**Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0**



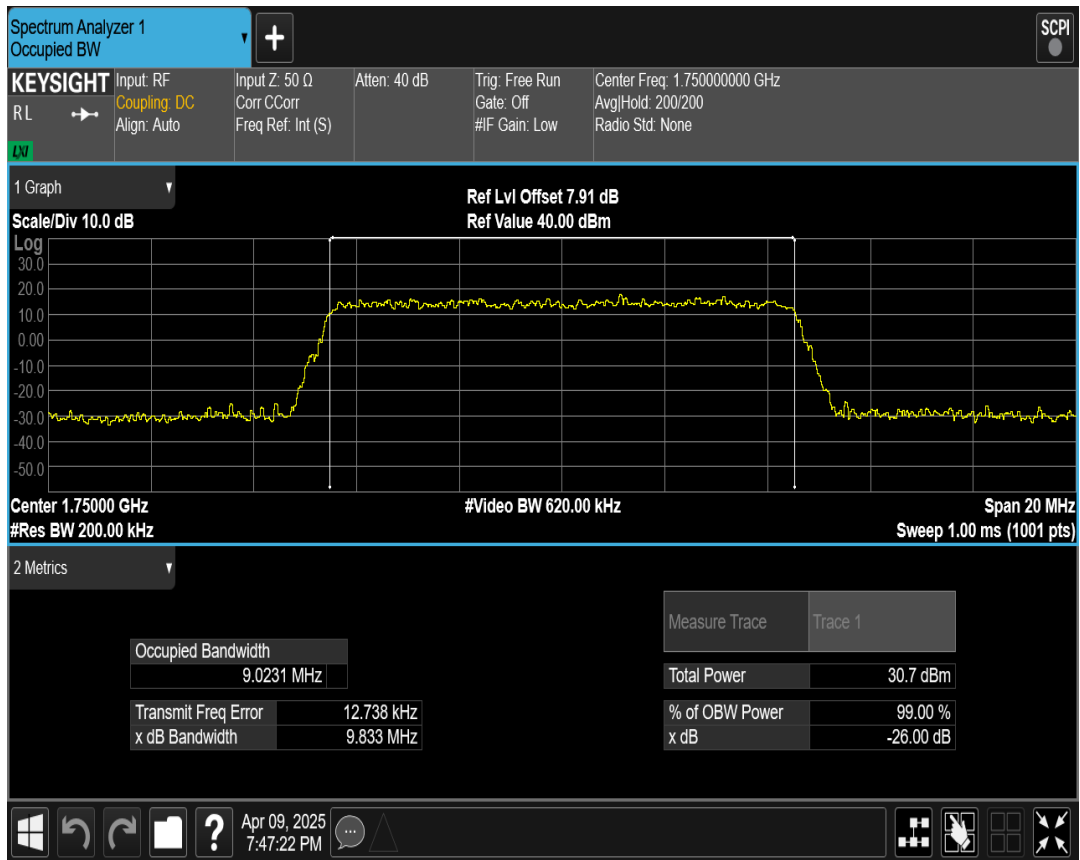
**Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0**



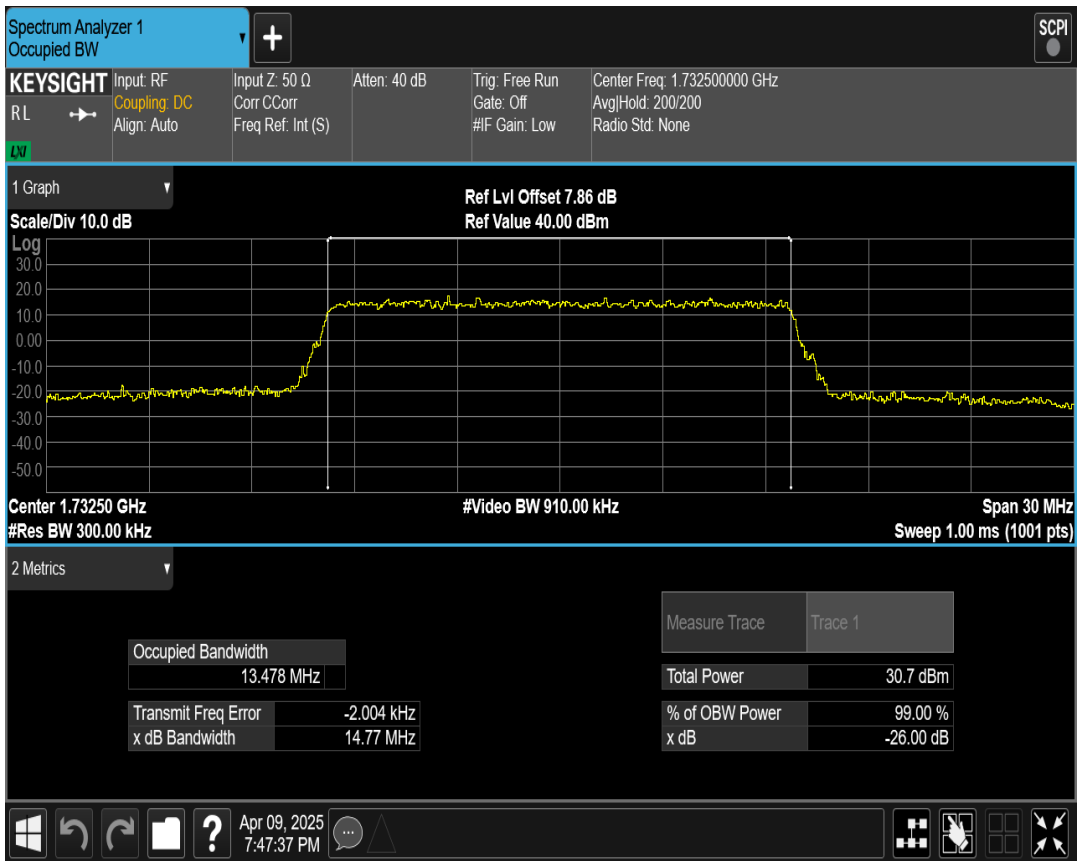
**Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0**



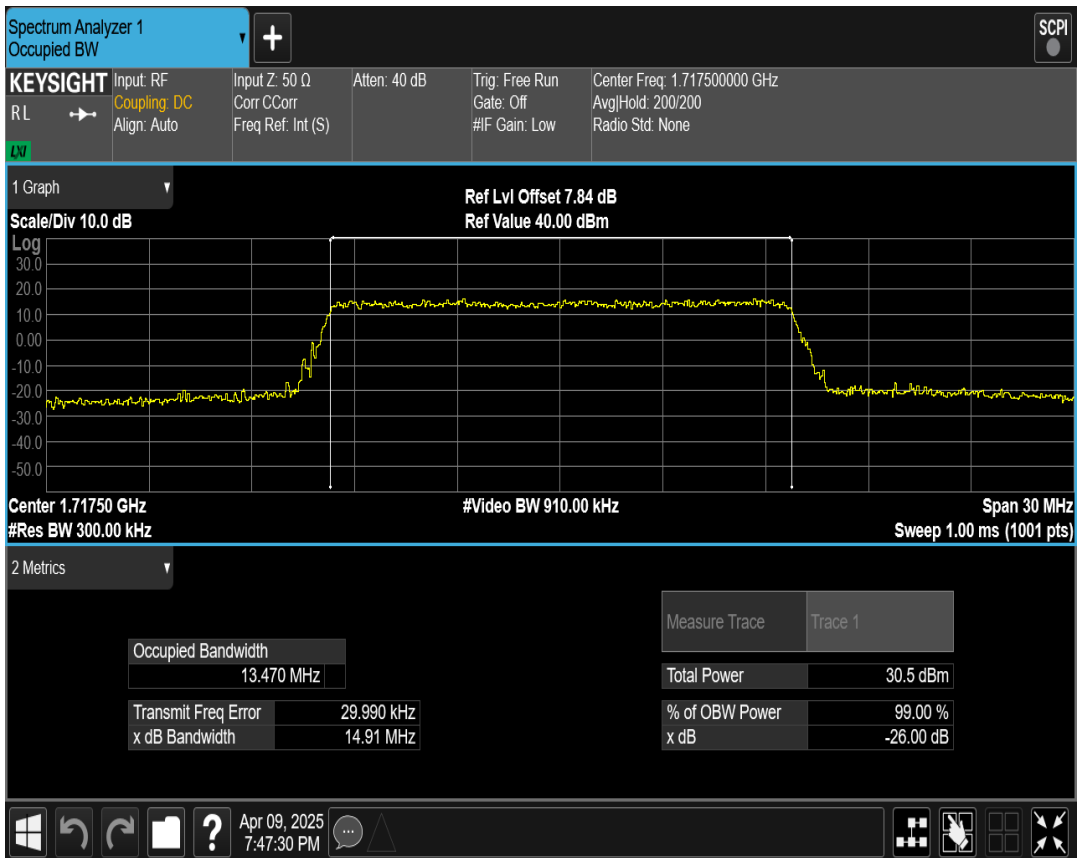
**Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0**



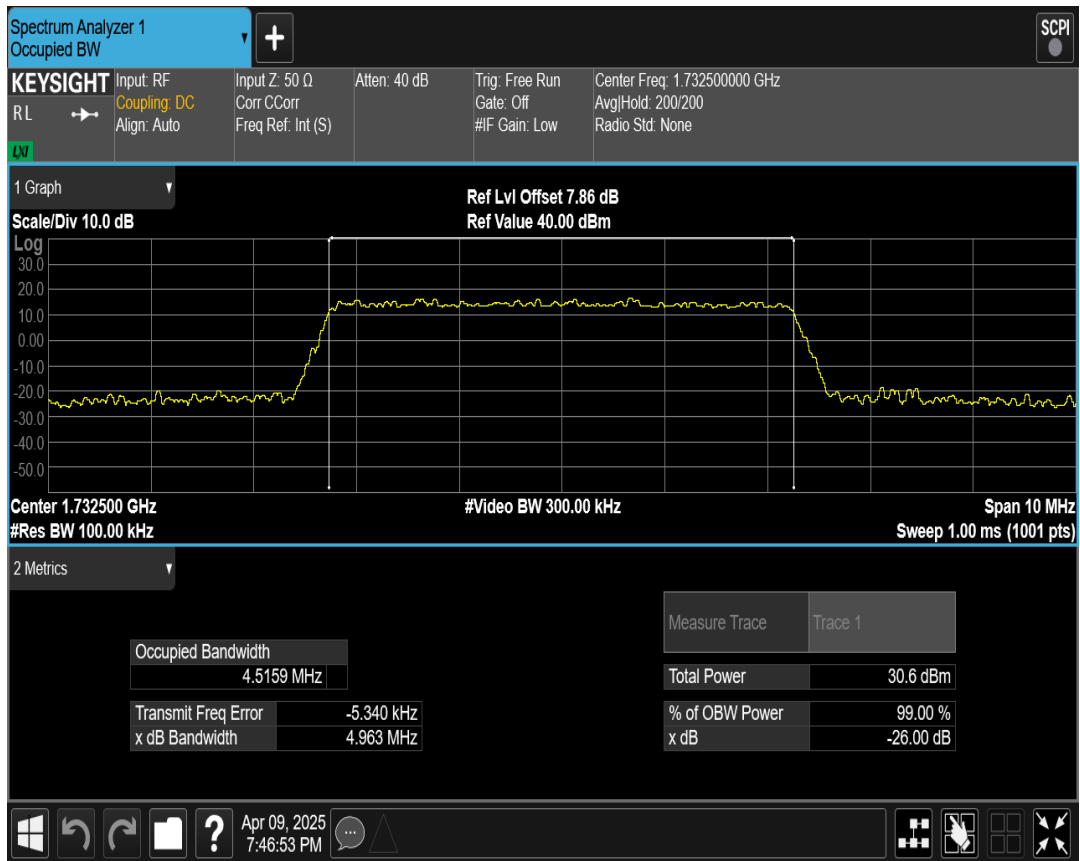
**Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0**



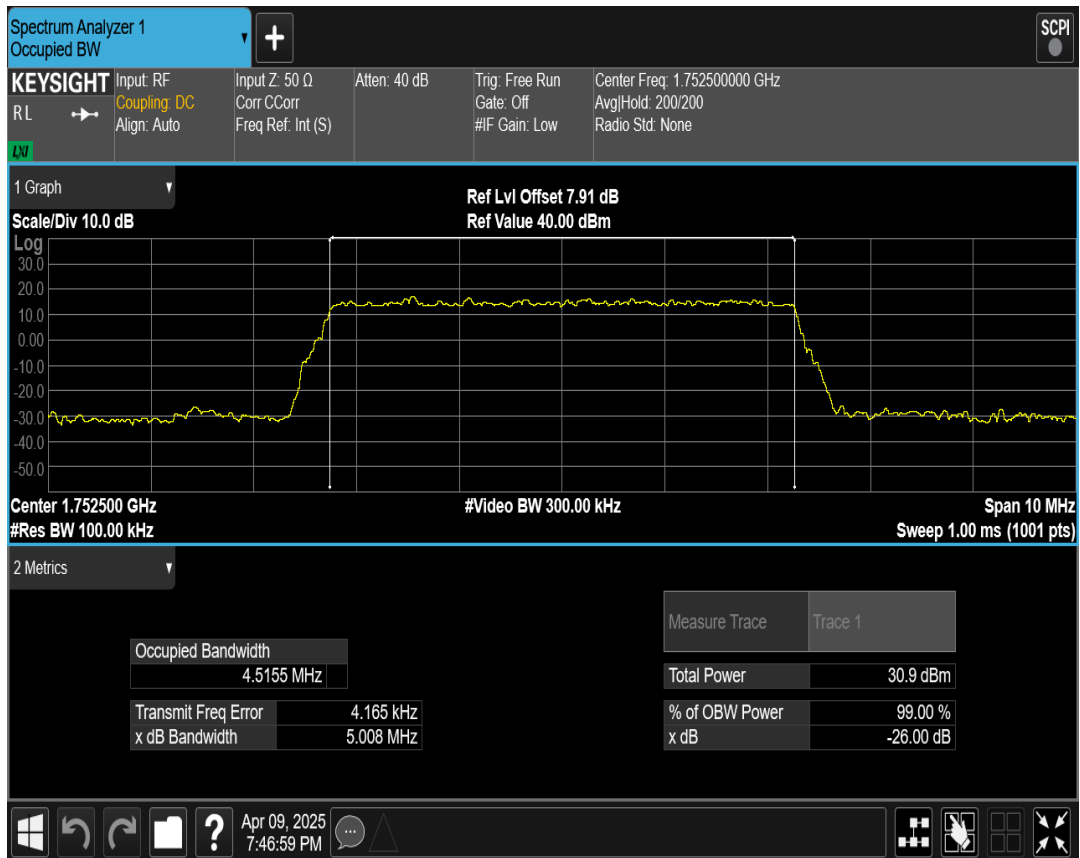
**Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0**



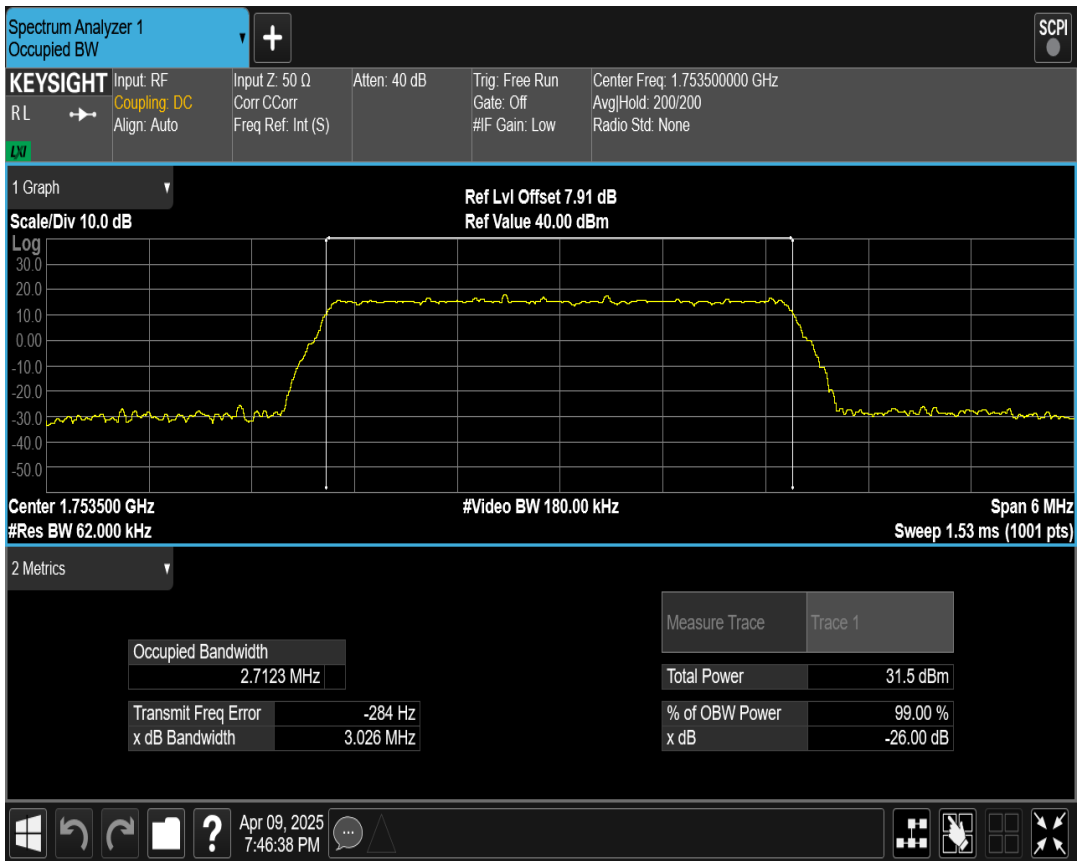
**Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0**



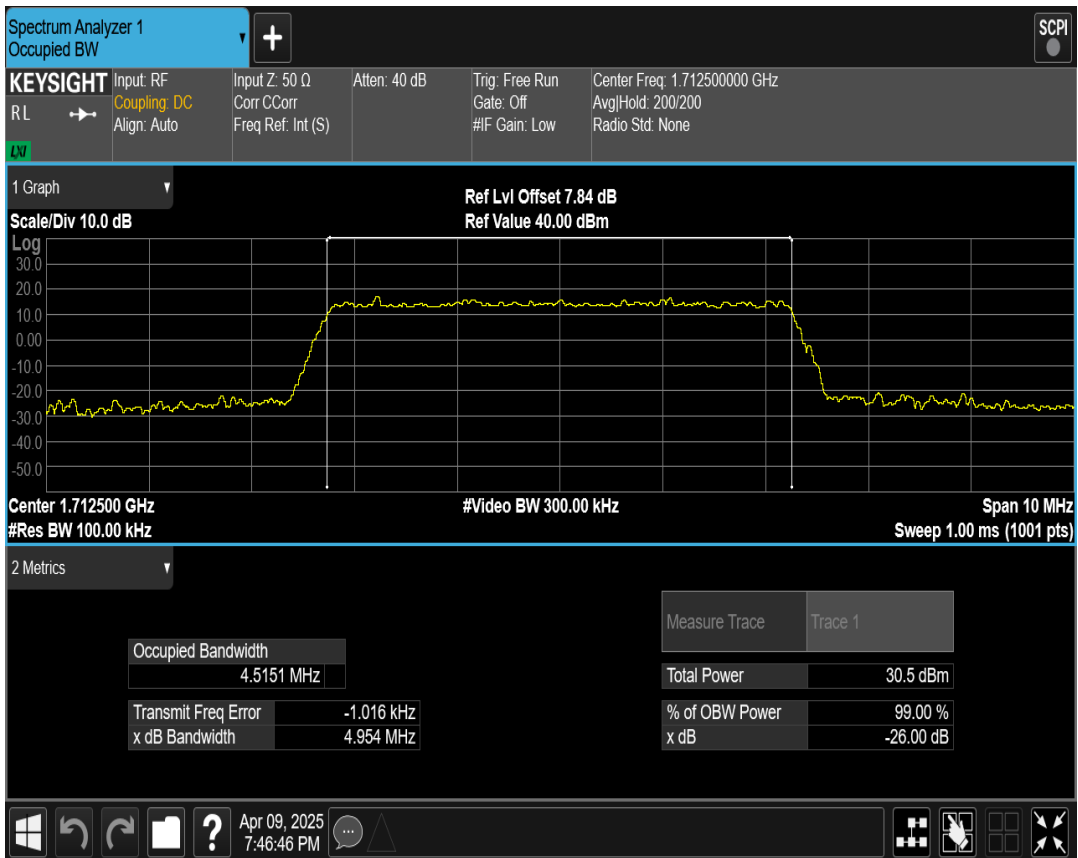
**Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0**



**Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0**



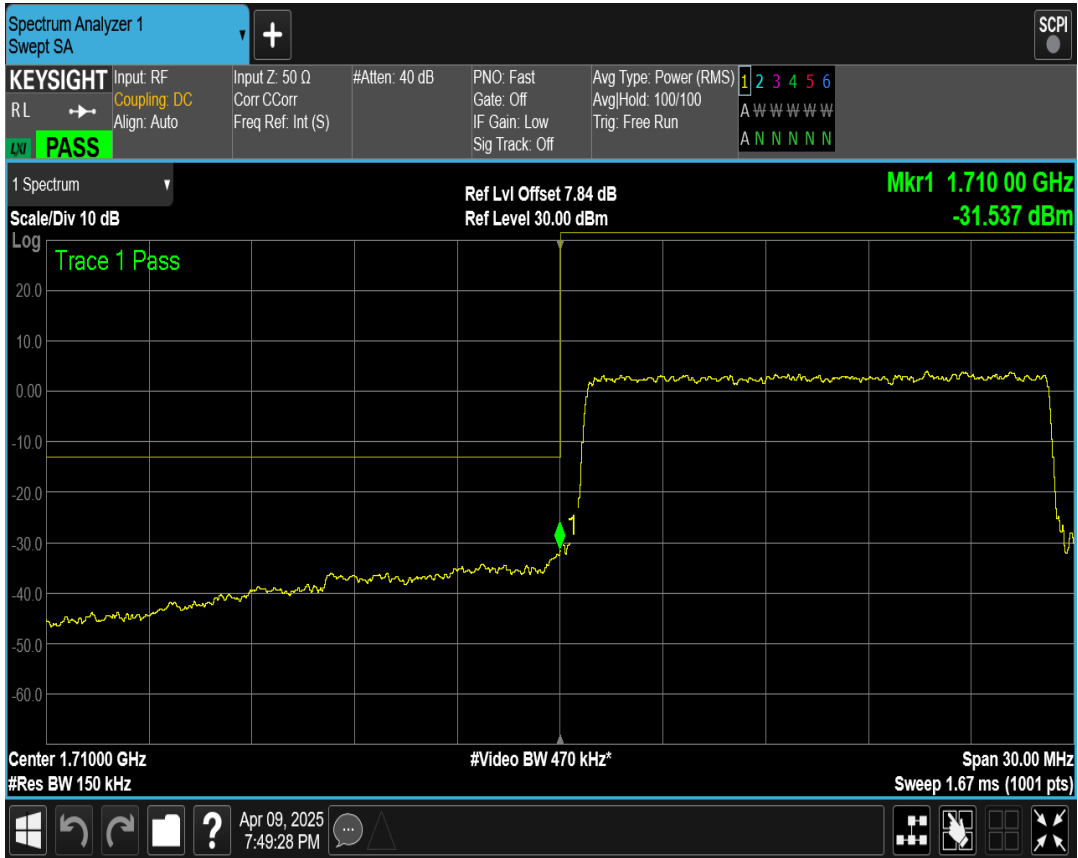
**Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0**



## 5 Band edge

<b>Band</b>	<b>Bandwidth (MHz)</b>	<b>UL Channel</b>	<b>RB Size</b>	<b>RB Position</b>	<b>Modulation</b>	<b>Spur Freq (MHz)</b>	<b>Spur Level (dBm)</b>	<b>Limit (dBm)</b>	<b>Verdict</b>
Band4	1.4	19957	6	#0	QPSK	1710.00	-34.73	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1709.99	-35.26	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-38.06	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.00	-36.42	-13	PASS
Band4	3	19965	15	#0	QPSK	1709.99	-23.25	-13	PASS
Band4	3	19965	15	#0	QAM16	1710.00	-24.82	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-24.35	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.00	-24.93	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-31.45	-13	PASS
Band4	5	19975	25	#0	QAM16	1710.00	-32.13	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-30.09	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.00	-31.57	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.98	-32.57	-13	PASS
Band4	10	20000	50	#0	QAM16	1709.98	-33.63	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-32.76	-13	PASS
Band4	10	20350	50	#0	QAM16	1755.04	-35.66	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.94	-30.16	-13	PASS
Band4	15	20025	75	#0	QAM16	1710.00	-31.53	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.00	-32.79	-13	PASS
Band4	15	20325	75	#0	QAM16	1755.09	-33.90	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.88	-32.97	-13	PASS
Band4	20	20050	100	#0	QAM16	1710.00	-33.68	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.08	-36.08	-13	PASS
Band4	20	20300	100	#0	QAM16	1755.08	-35.29	-13	PASS

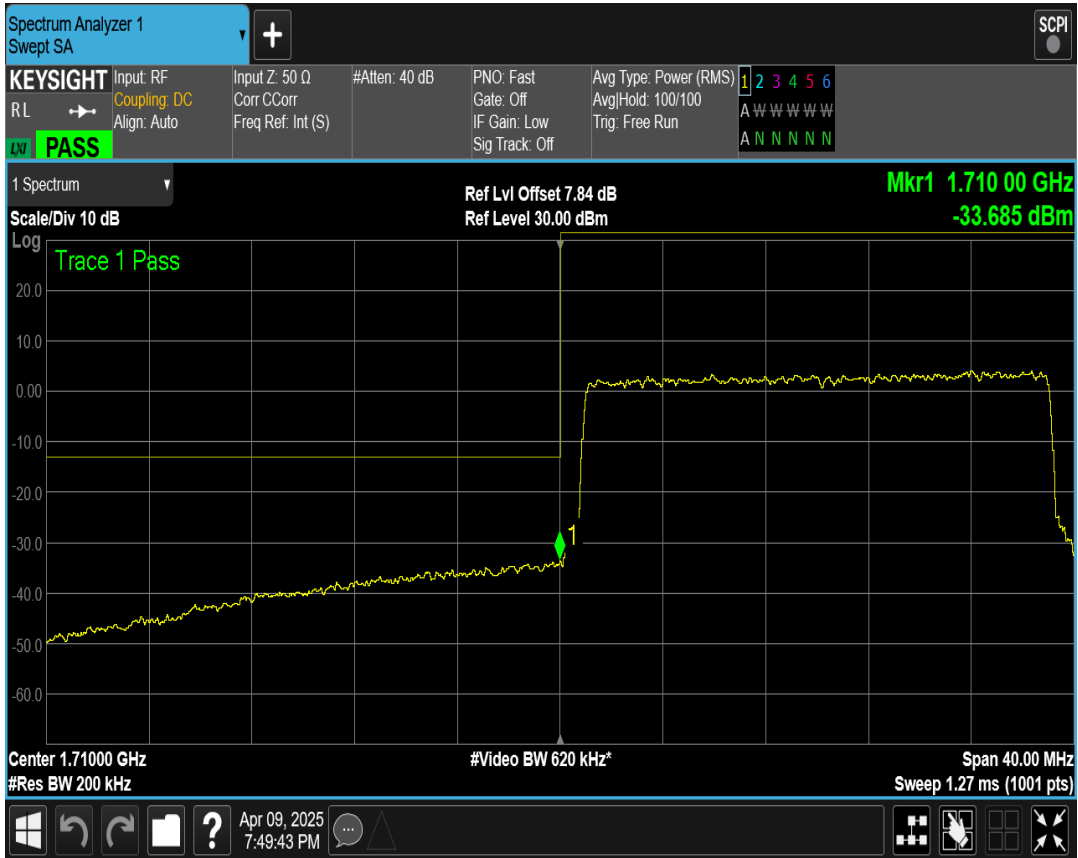
**Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0**



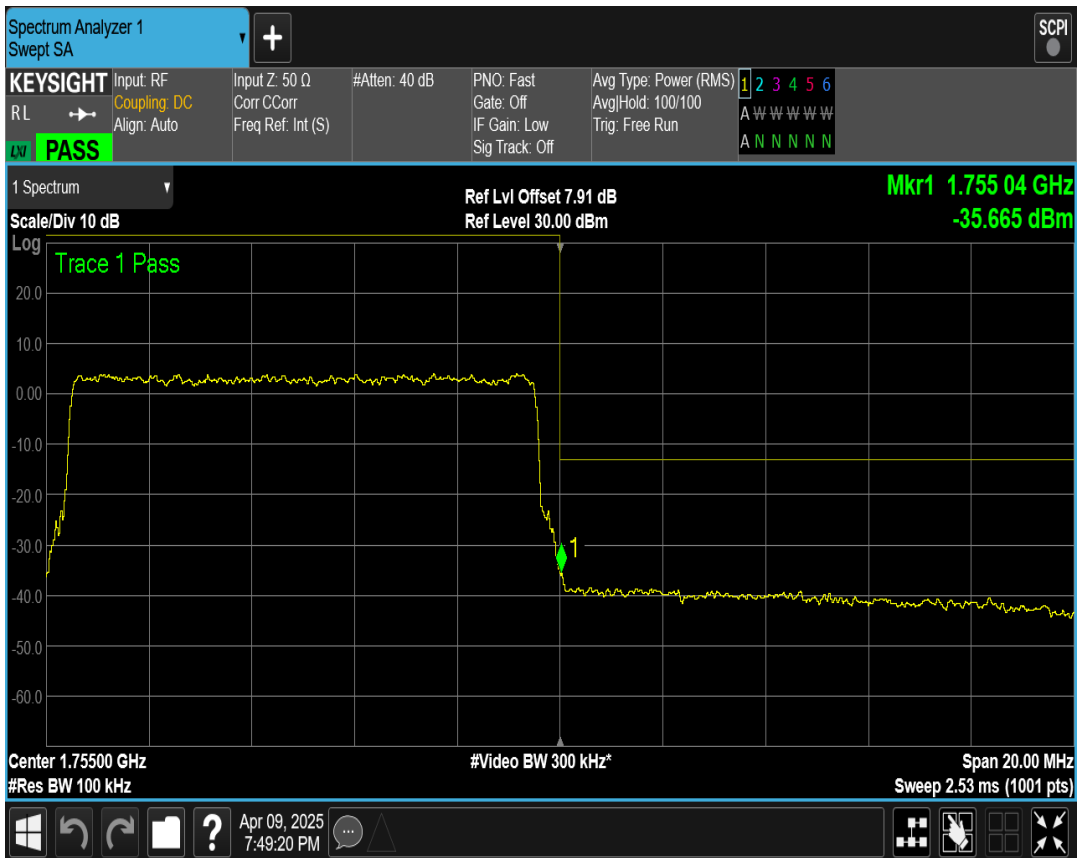
**Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0**



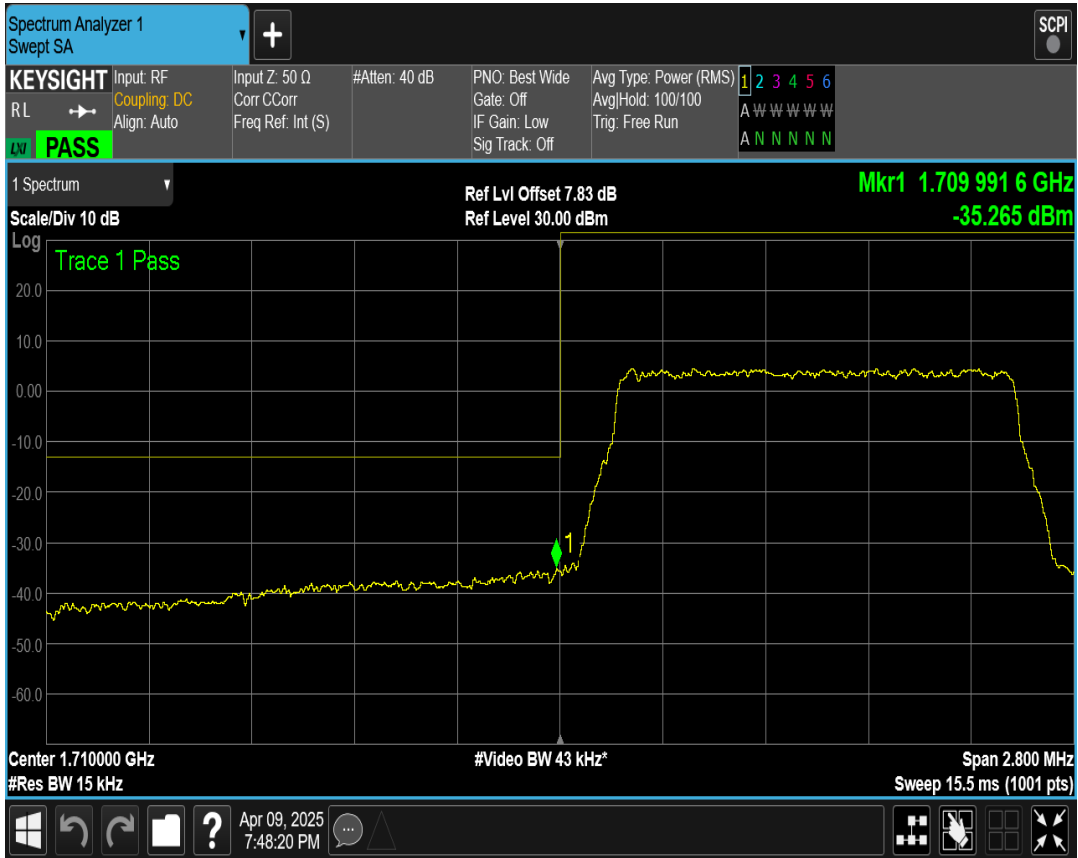
**Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0**



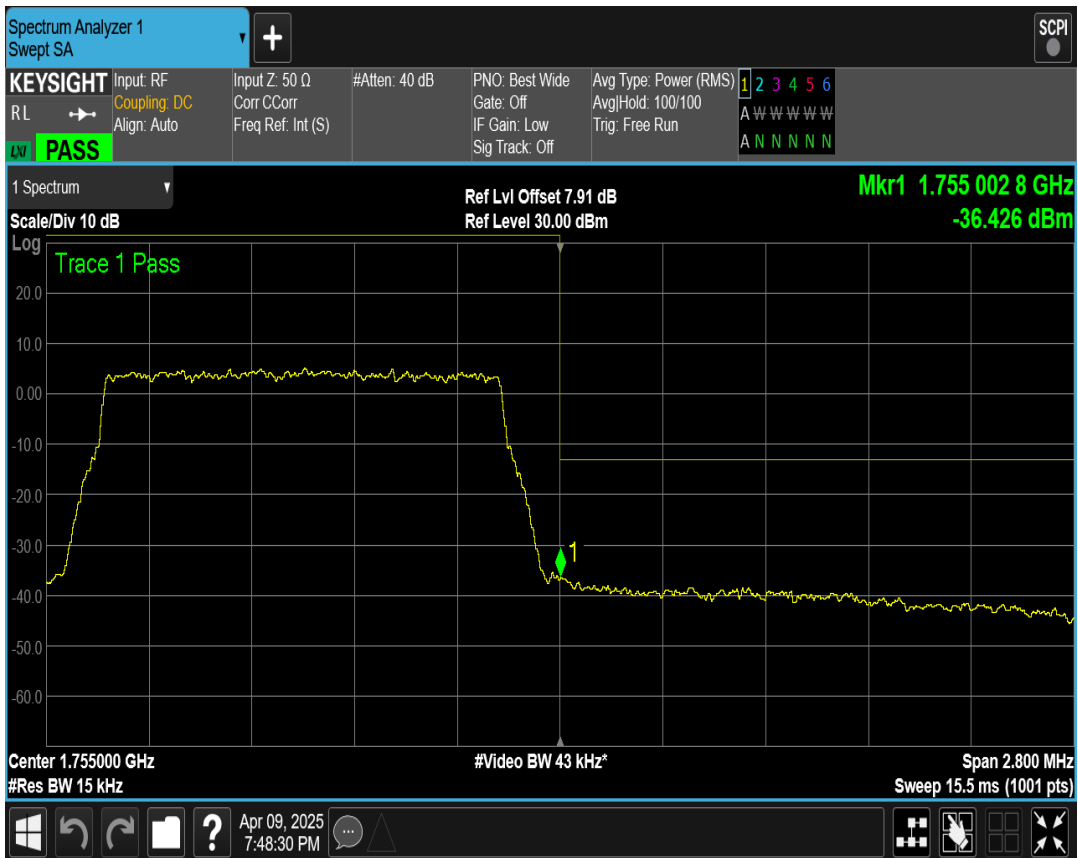
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



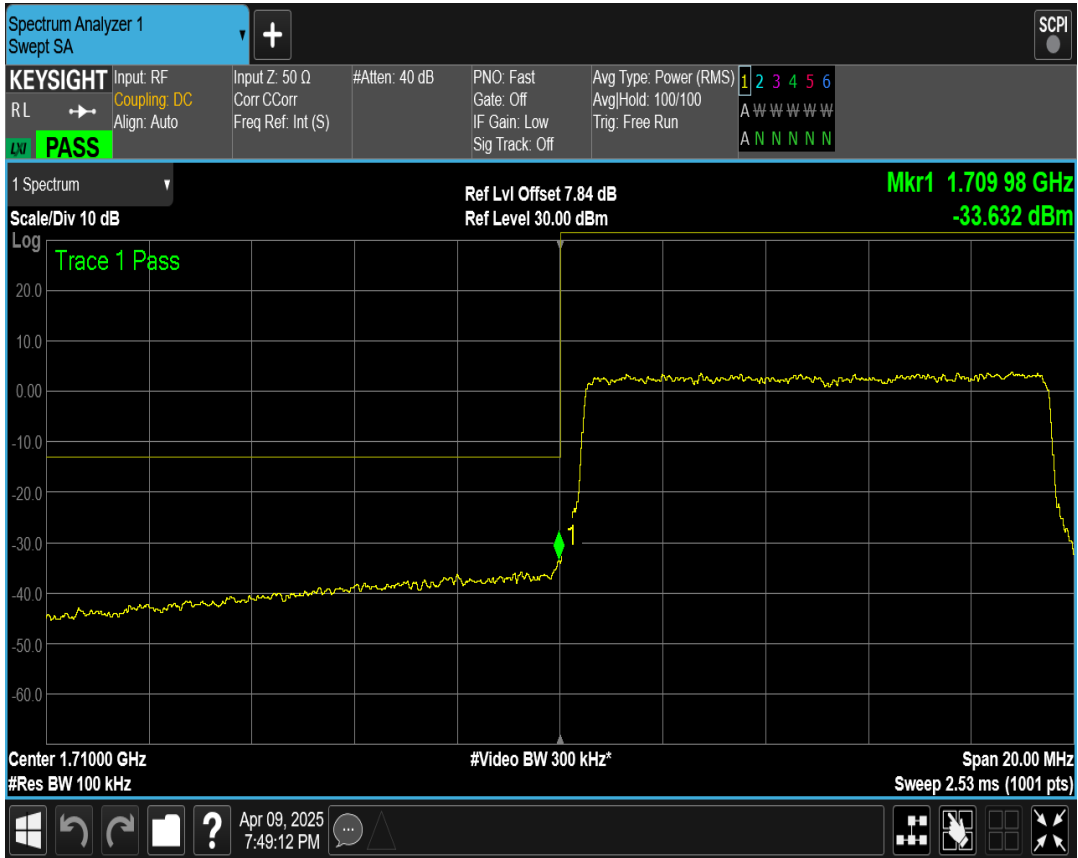
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



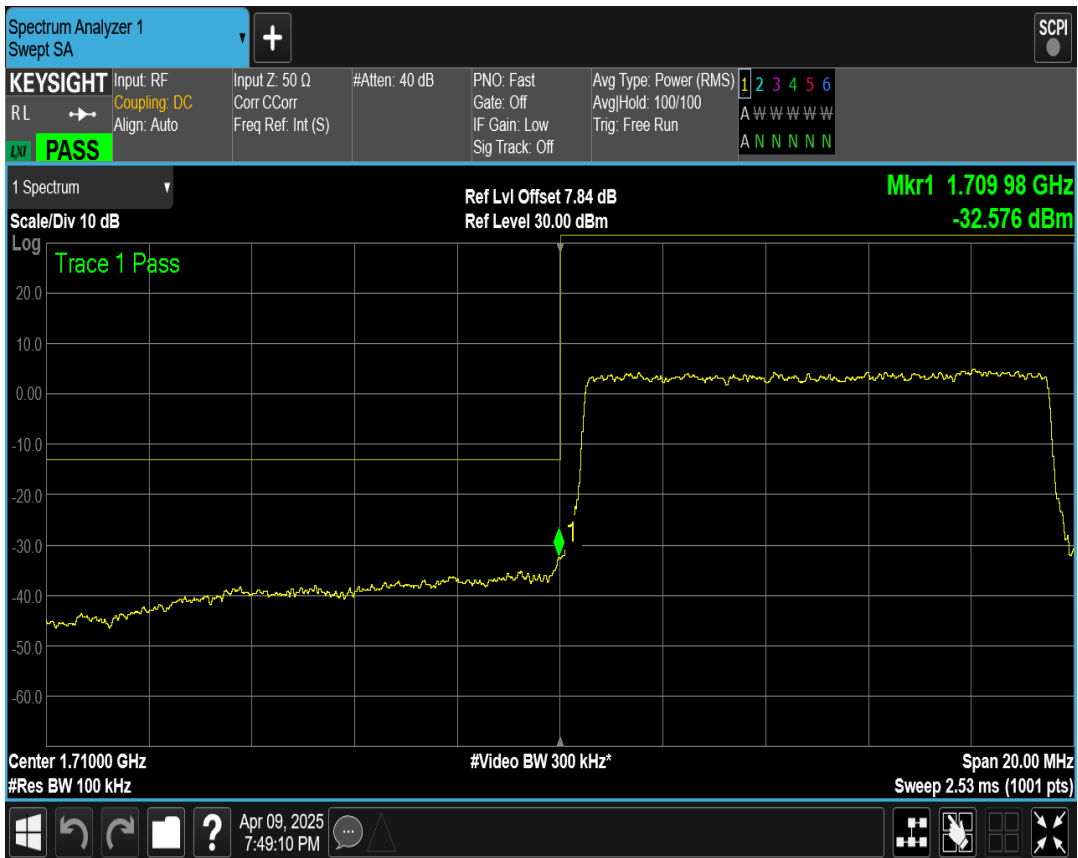
**Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0**



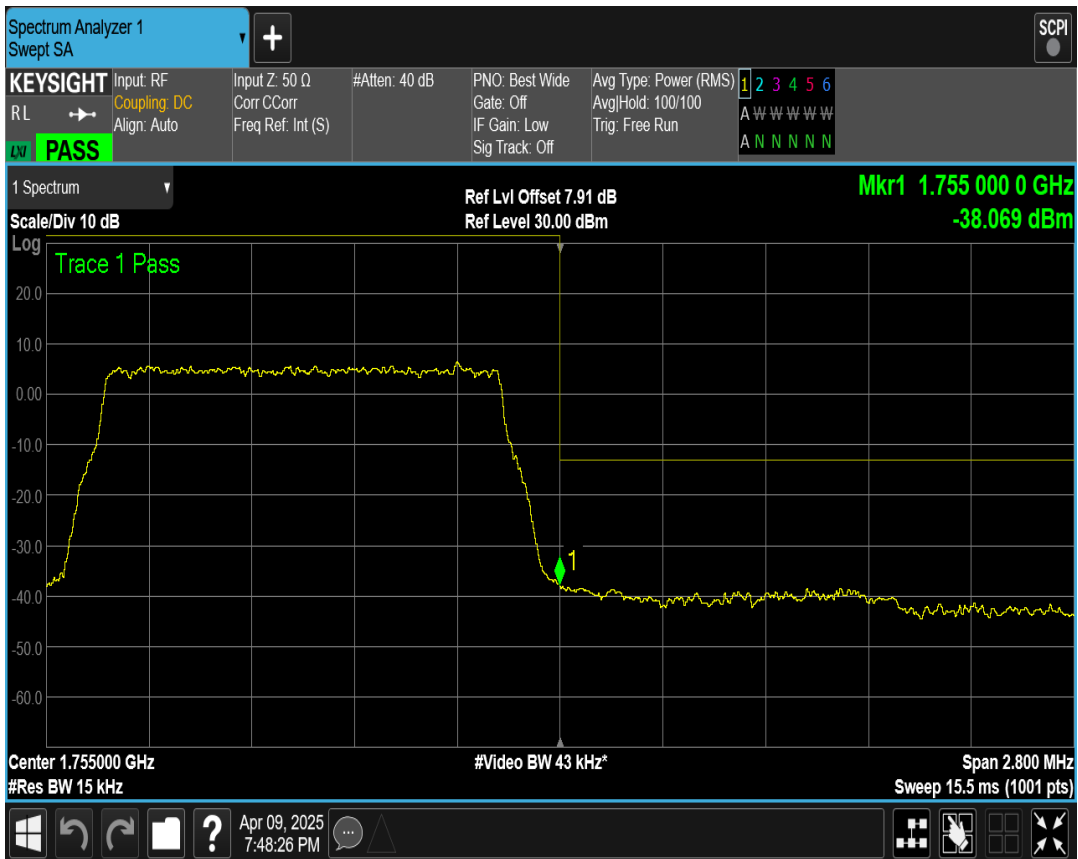
**Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0**



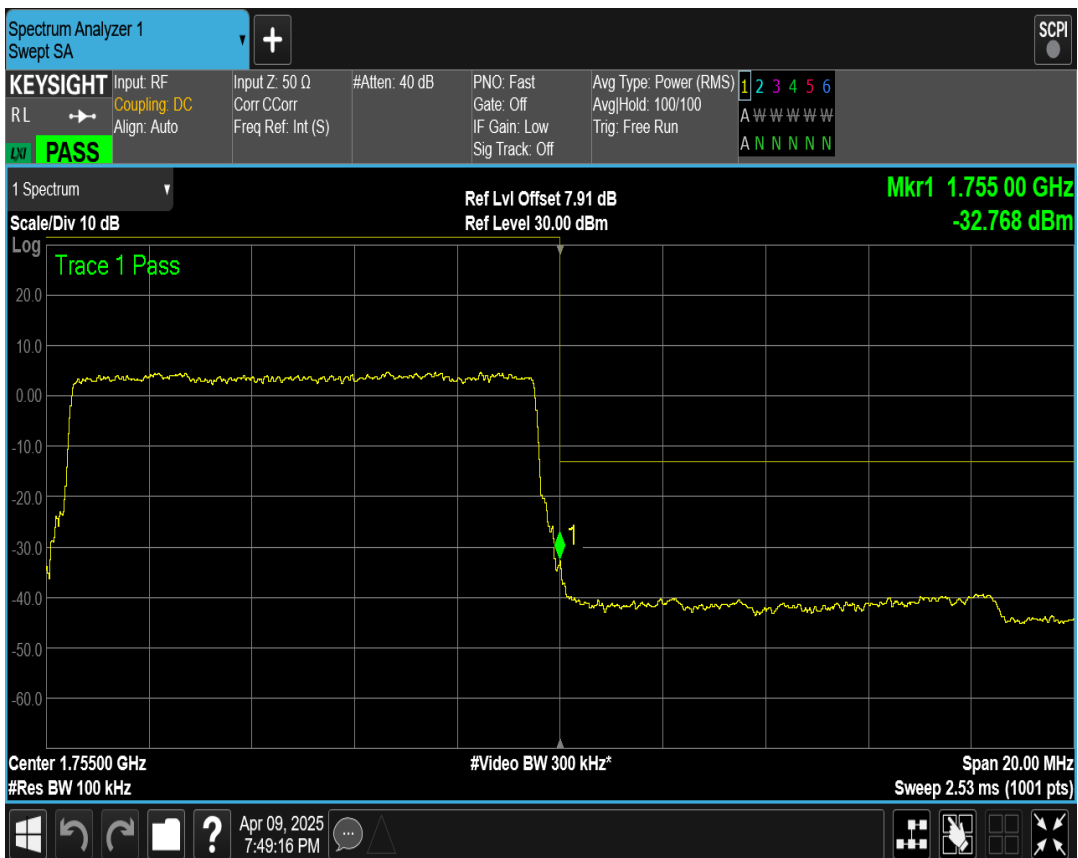
**Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0**



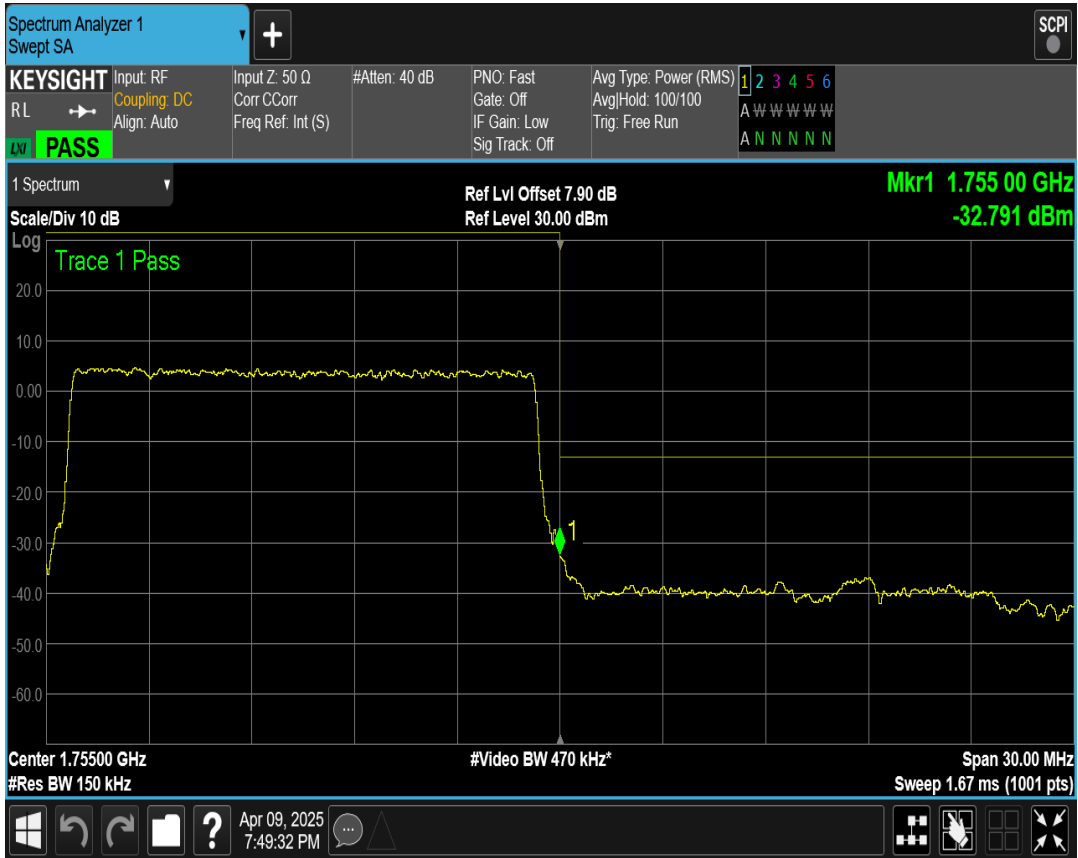
**Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0**



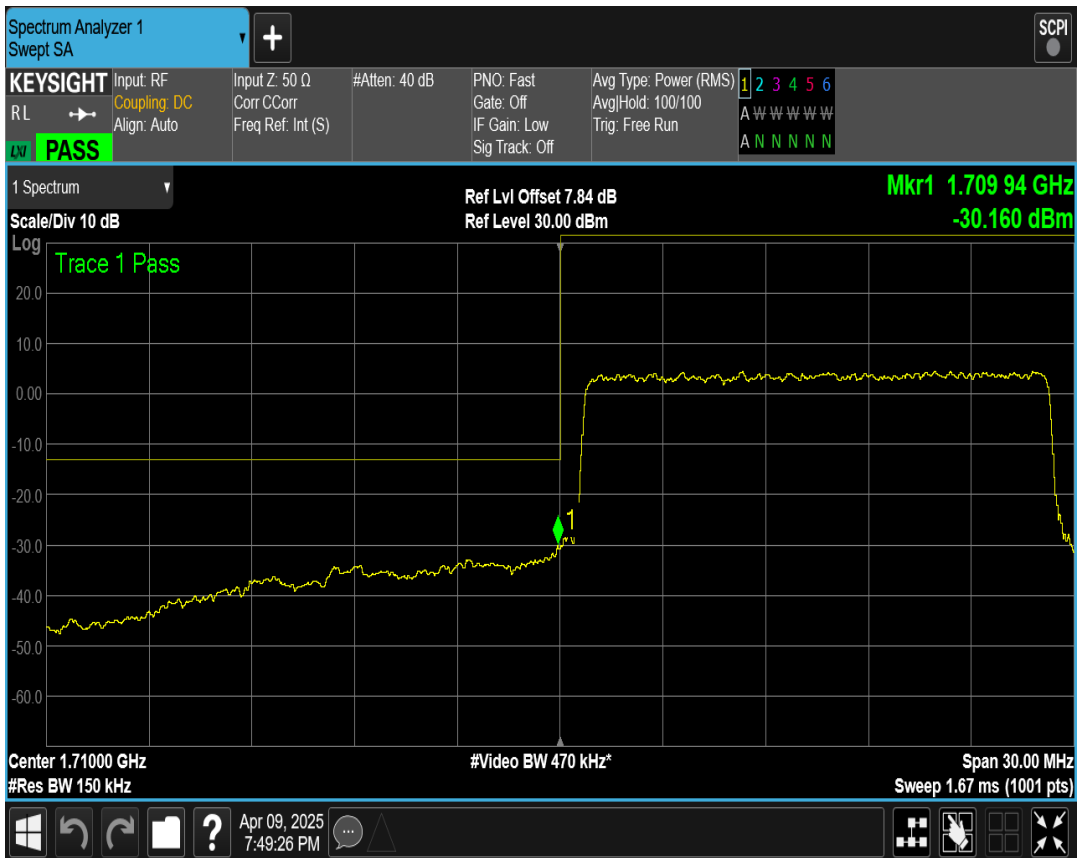
**Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0**



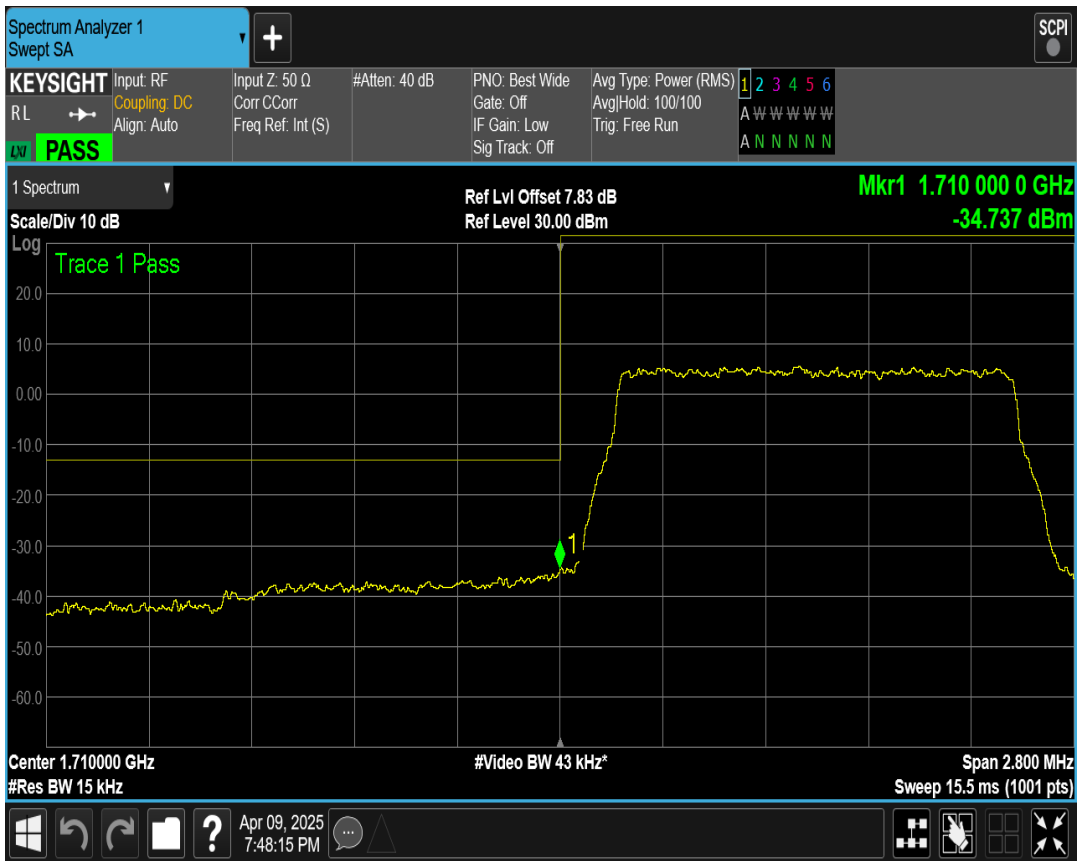
**Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0**



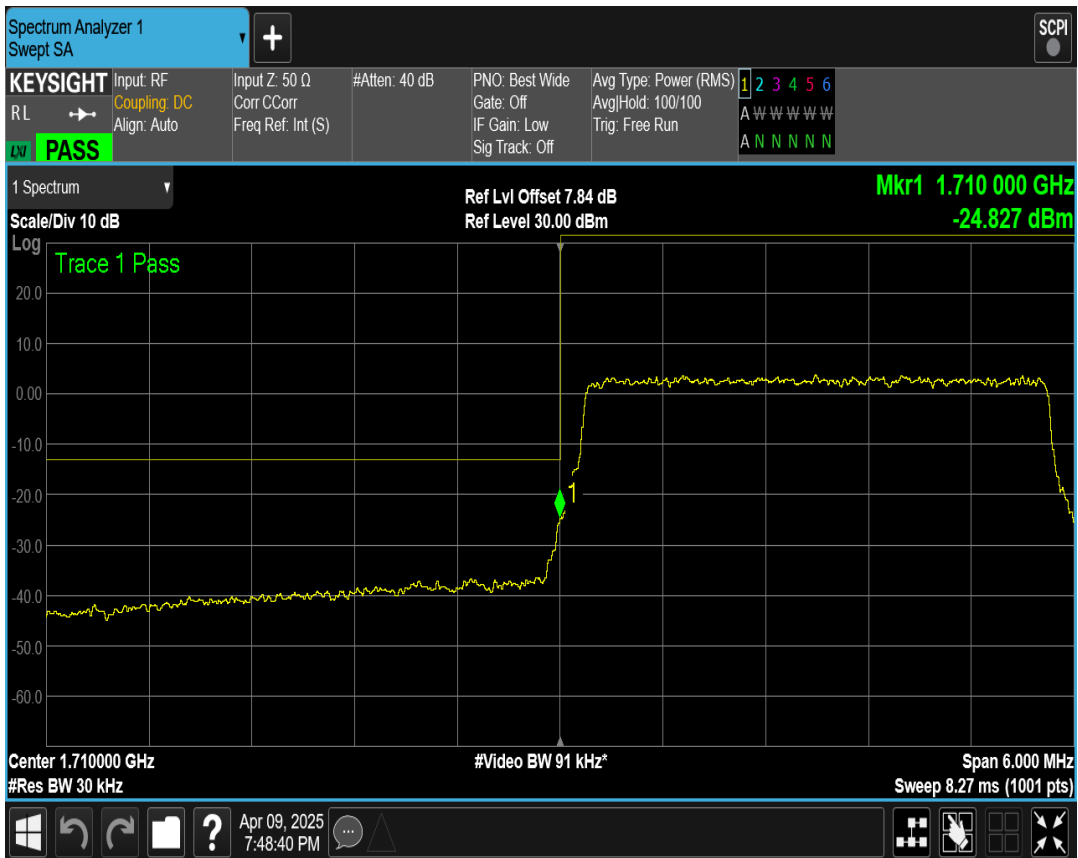
**Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0**



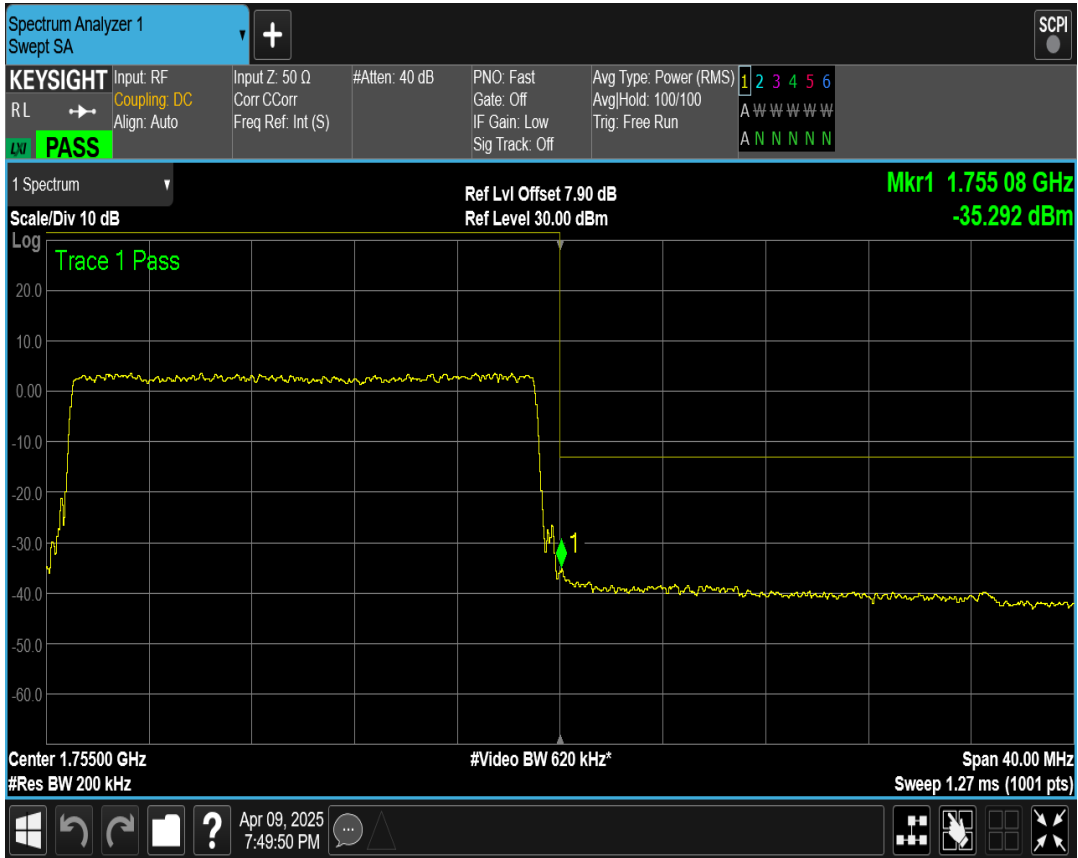
**Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0**



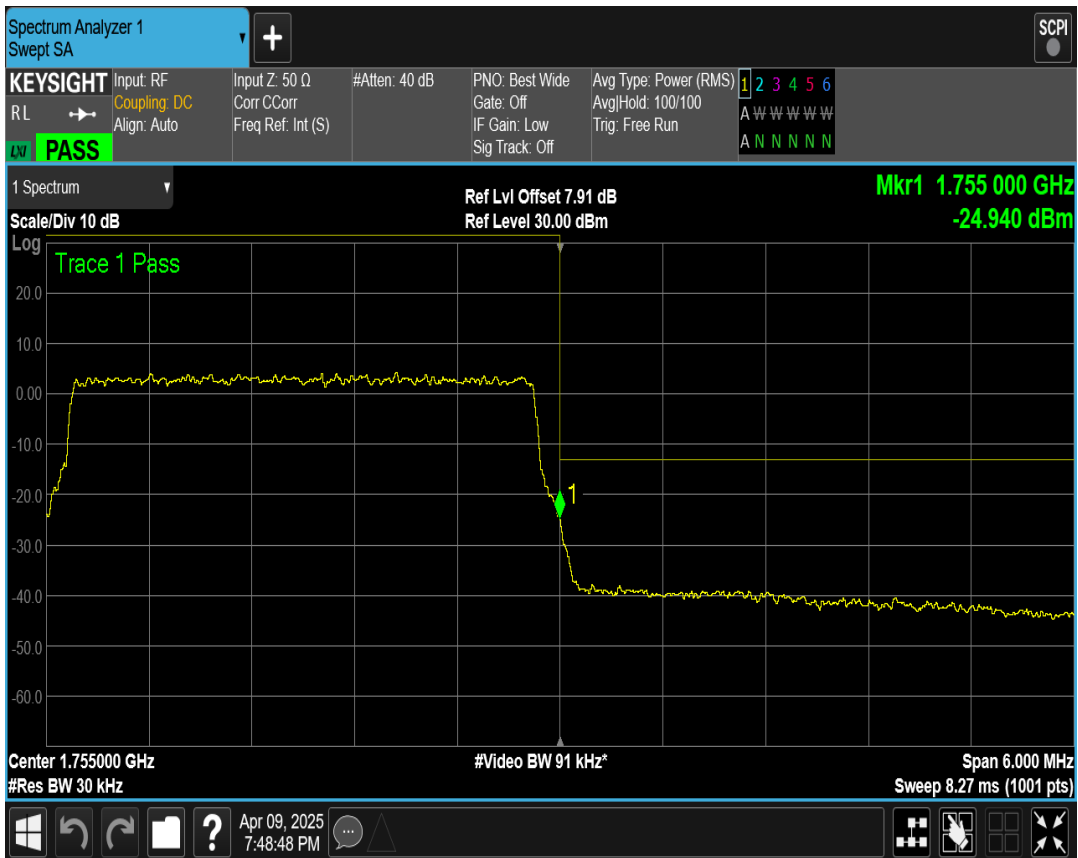
**Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0**



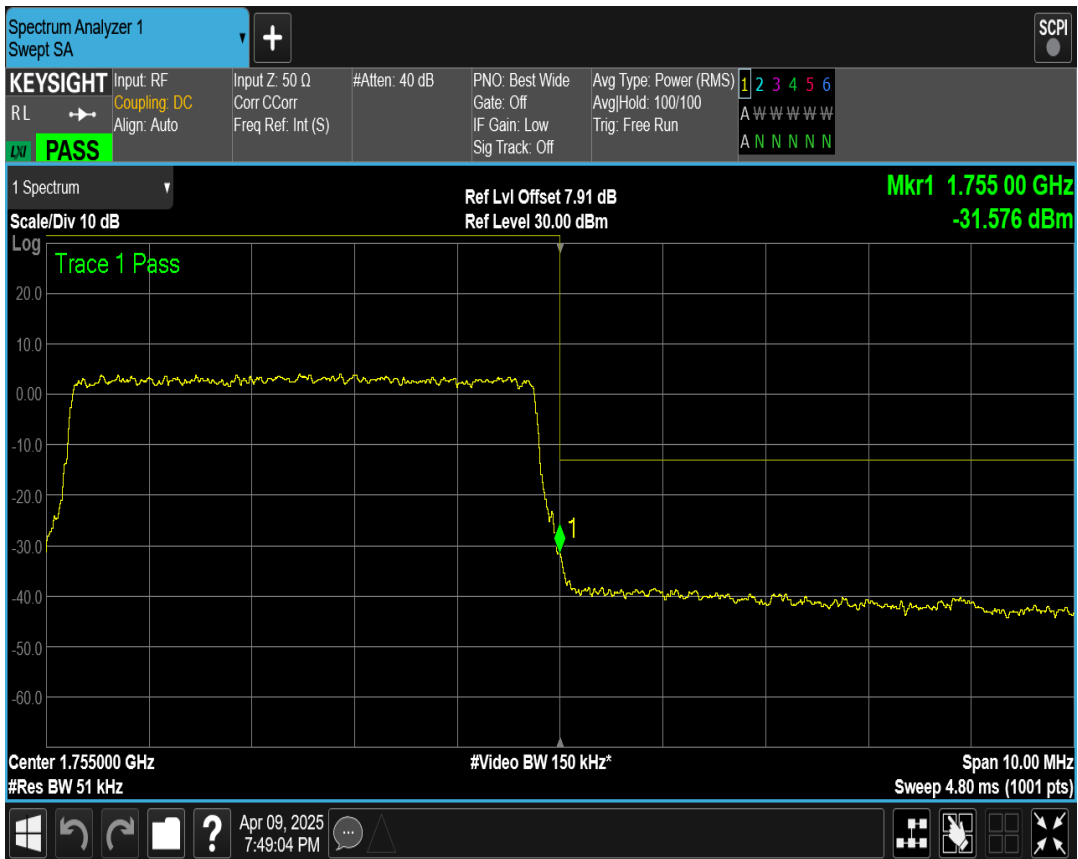
**Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0**



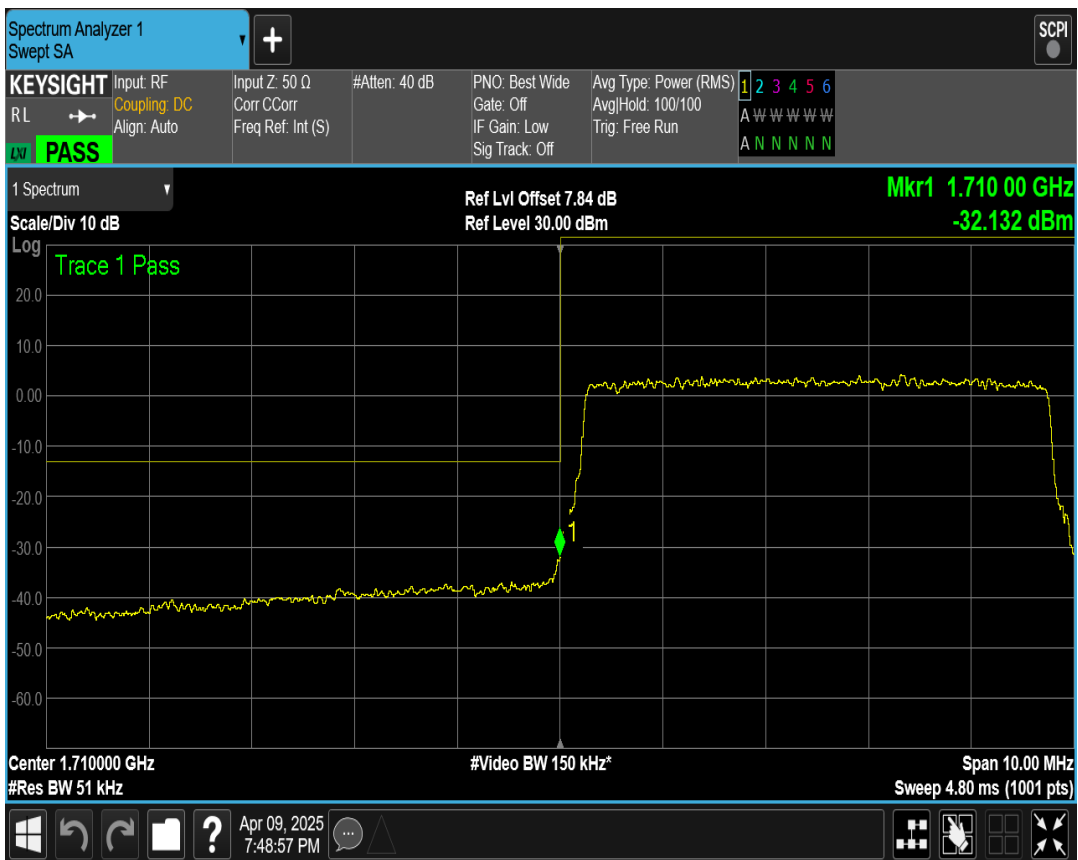
**Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0**



**Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0**



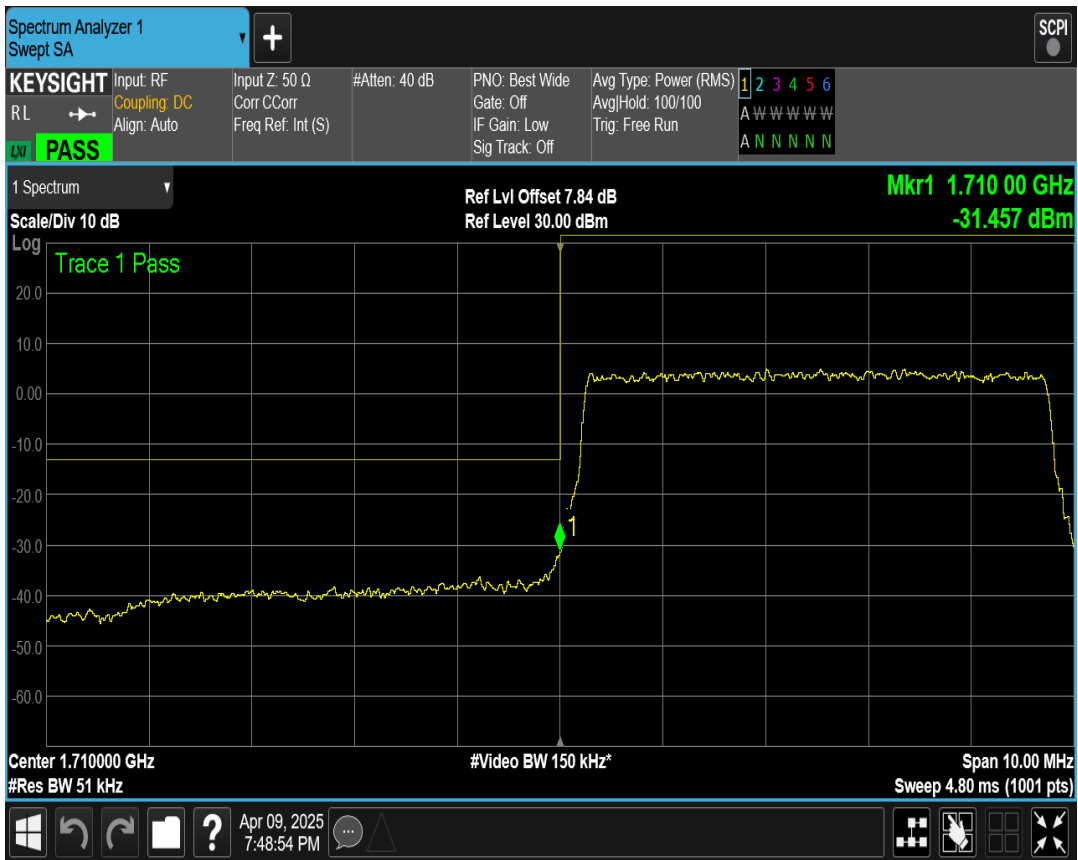
**Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0**



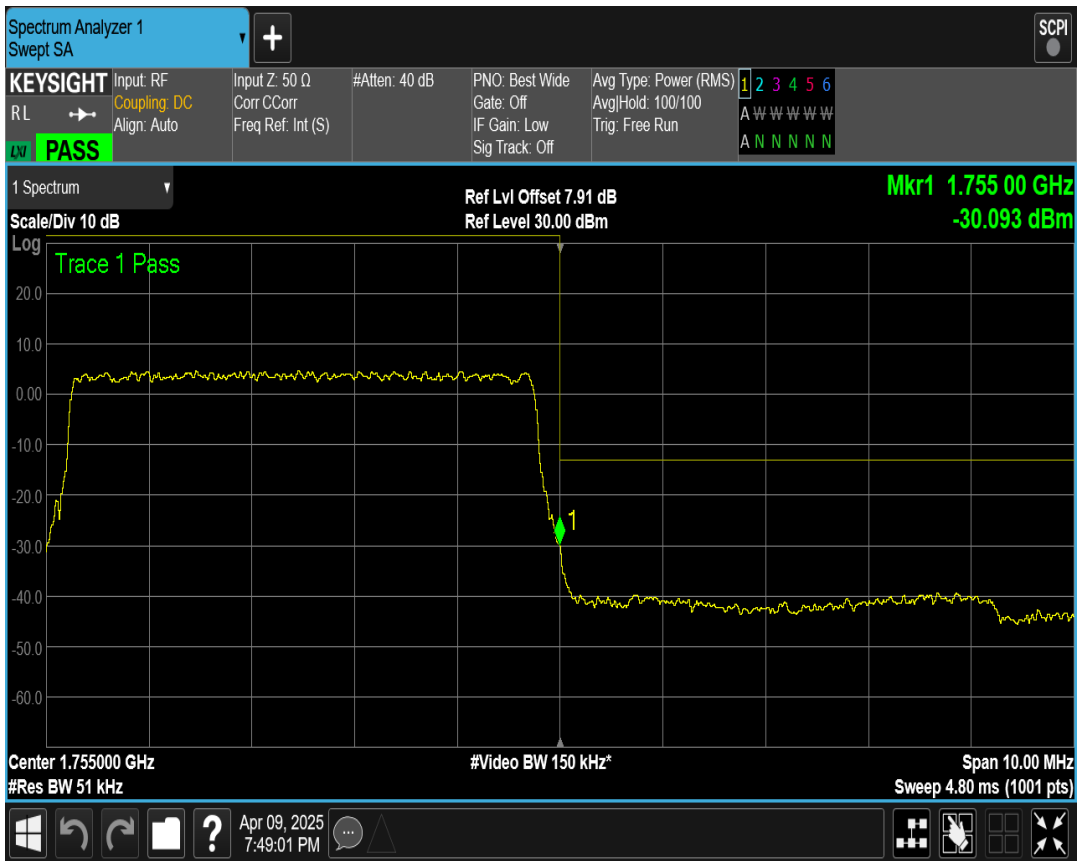
**Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0**



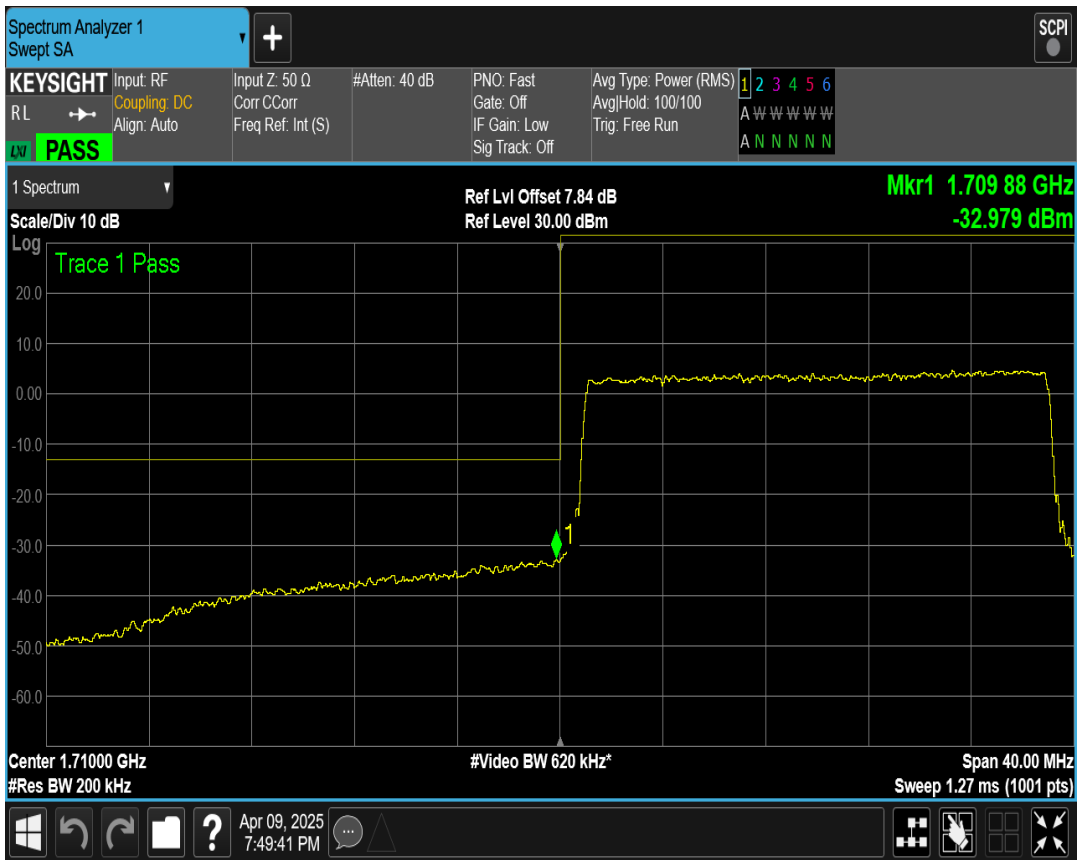
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



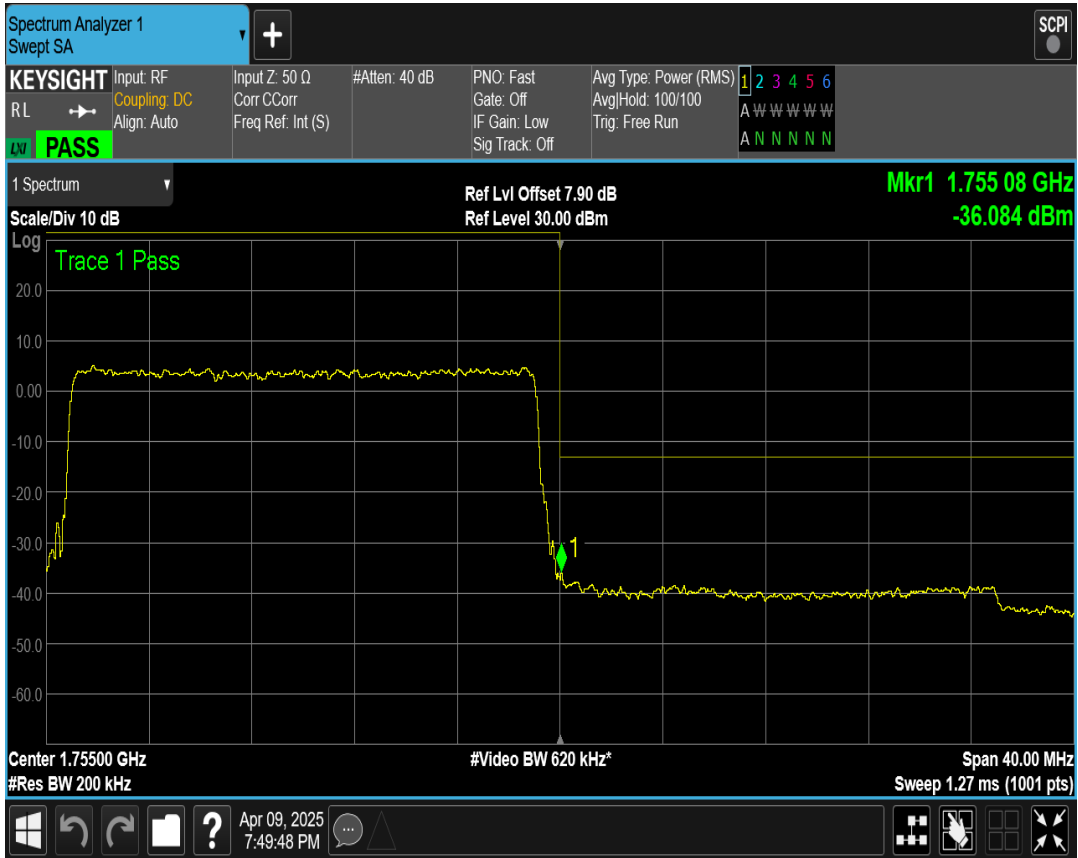
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



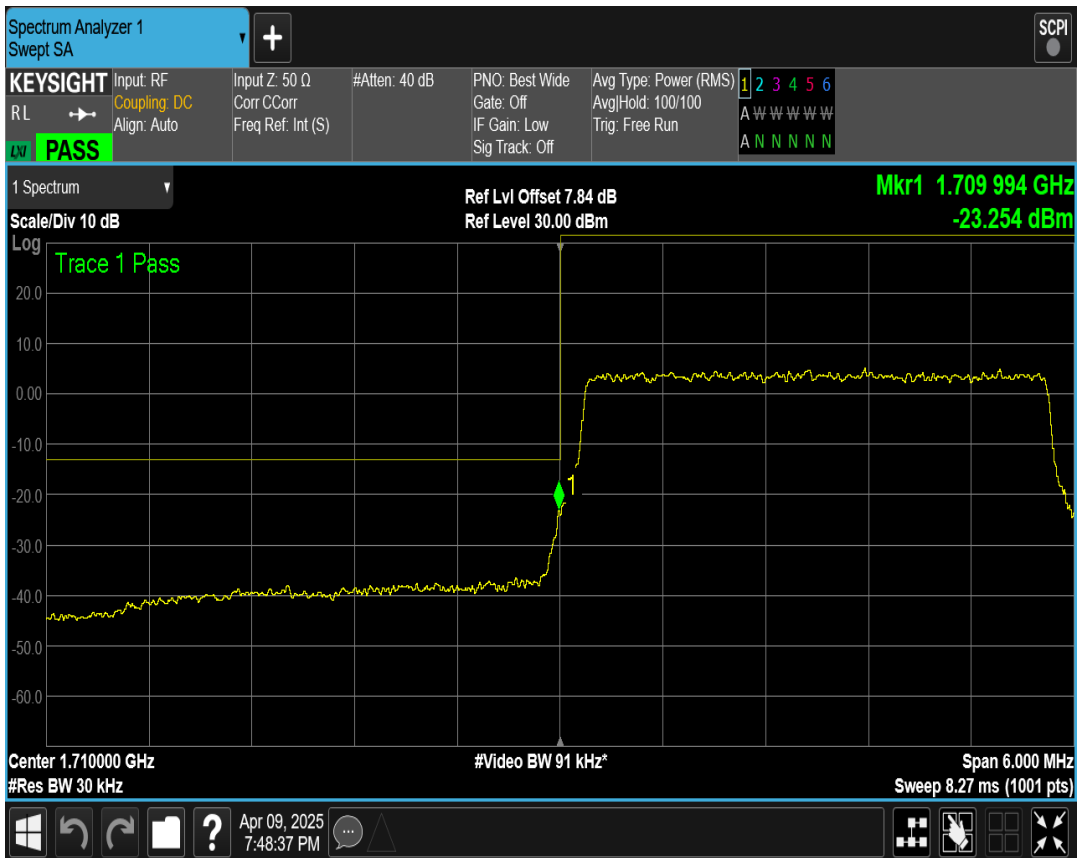
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



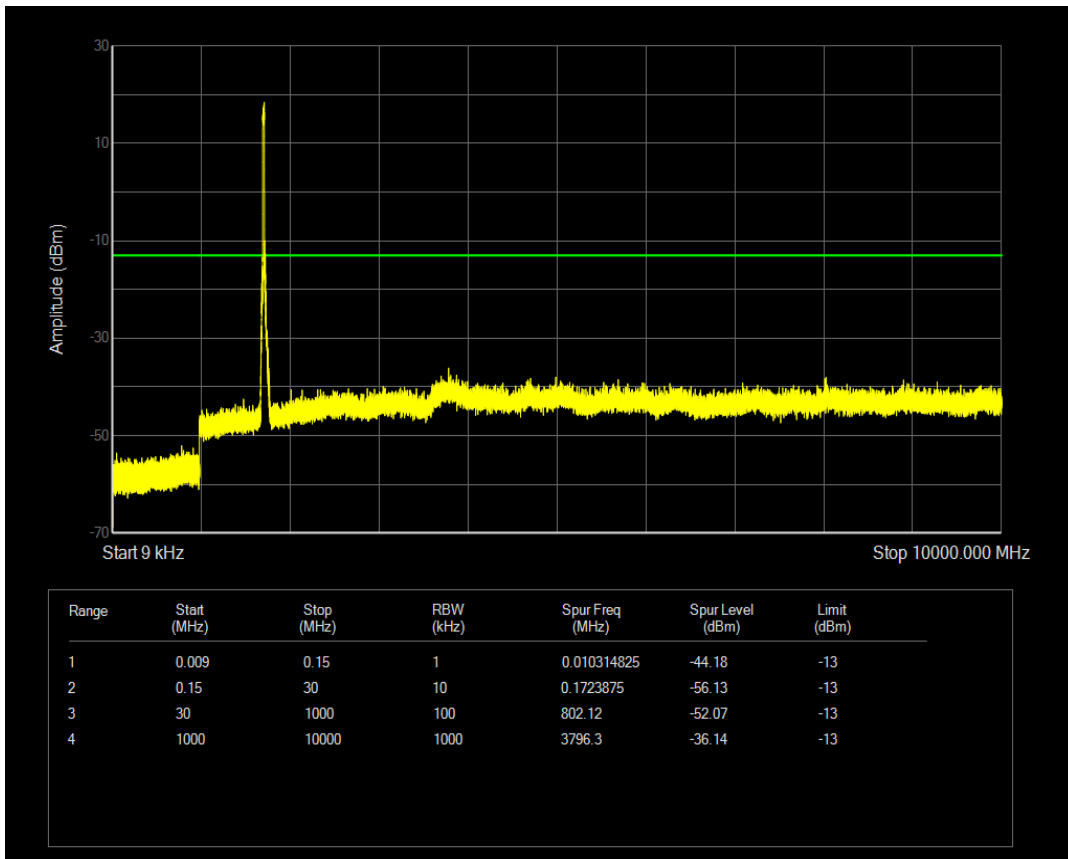
*Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0*



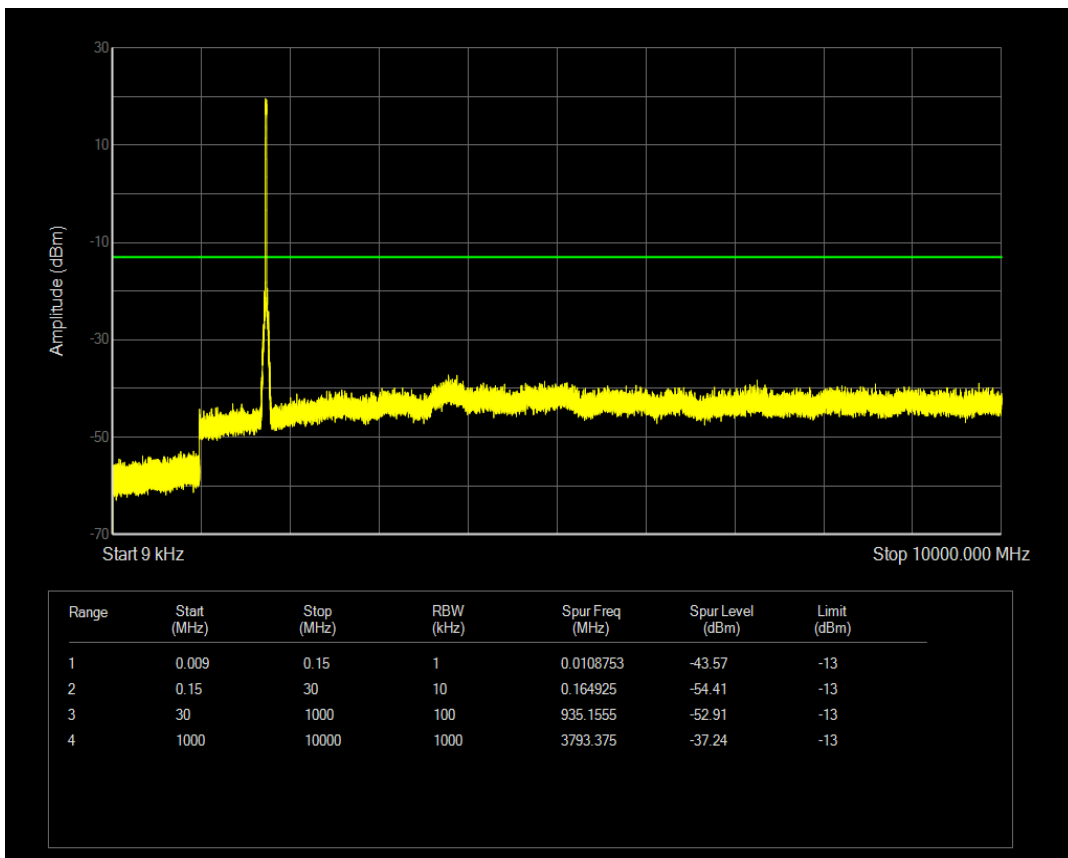
## 6 Out-of-band emissions

<b>Band</b>	<b>Bandwidth (MHz)</b>	<b>UL Channel</b>	<b>RB Size</b>	<b>RB Position</b>	<b>Modulation</b>	<b>Spur Freq (MHz)</b>	<b>Spur Level (dBm)</b>	<b>Limit (dBm)</b>	<b>Verdict</b>
Band4	1.4	19957	6	#0	QPSK	5088.25	-37.97	-13	PASS
Band4	1.4	19957	6	#0	QAM16	5061.70	-37.41	-13	PASS
Band4	1.4	20393	6	#0	QPSK	3836.80	-37.44	-13	PASS
Band4	1.4	20393	6	#0	QAM16	3854.35	-37.16	-13	PASS
Band4	3	19965	15	#0	QPSK	1697.95	-35.24	-13	PASS
Band4	3	19965	15	#0	QAM16	3879.10	-37.04	-13	PASS
Band4	3	20385	15	#0	QPSK	8050.83	-37.33	-13	PASS
Band4	3	20385	15	#0	QAM16	1782.33	-27.34	-13	PASS
Band4	5	19975	25	#0	QPSK	3834.78	-36.46	-13	PASS
Band4	5	19975	25	#0	QAM16	4921.08	-37.40	-13	PASS
Band4	5	20375	25	#0	QPSK	3859.30	-37.64	-13	PASS
Band4	5	20375	25	#0	QAM16	3725.88	-36.30	-13	PASS
Band4	10	20000	50	#0	QPSK	3867.85	-37.51	-13	PASS
Band4	10	20000	50	#0	QAM16	3794.50	-37.56	-13	PASS
Band4	10	20350	50	#0	QPSK	3921.85	-36.77	-13	PASS
Band4	10	20350	50	#0	QAM16	3761.65	-37.09	-13	PASS
Band4	15	20025	75	#0	QPSK	3762.10	-37.15	-13	PASS
Band4	15	20025	75	#0	QAM16	3839.50	-37.21	-13	PASS
Band4	15	20325	75	#0	QPSK	3760.53	-37.23	-13	PASS
Band4	15	20325	75	#0	QAM16	3793.38	-37.24	-13	PASS
Band4	20	20050	100	#0	QPSK	3818.35	-37.58	-13	PASS
Band4	20	20050	100	#0	QAM16	3796.30	-36.14	-13	PASS
Band4	20	20300	100	#0	QPSK	3813.85	-37.66	-13	PASS
Band4	20	20300	100	#0	QAM16	3939.18	-37.15	-13	PASS

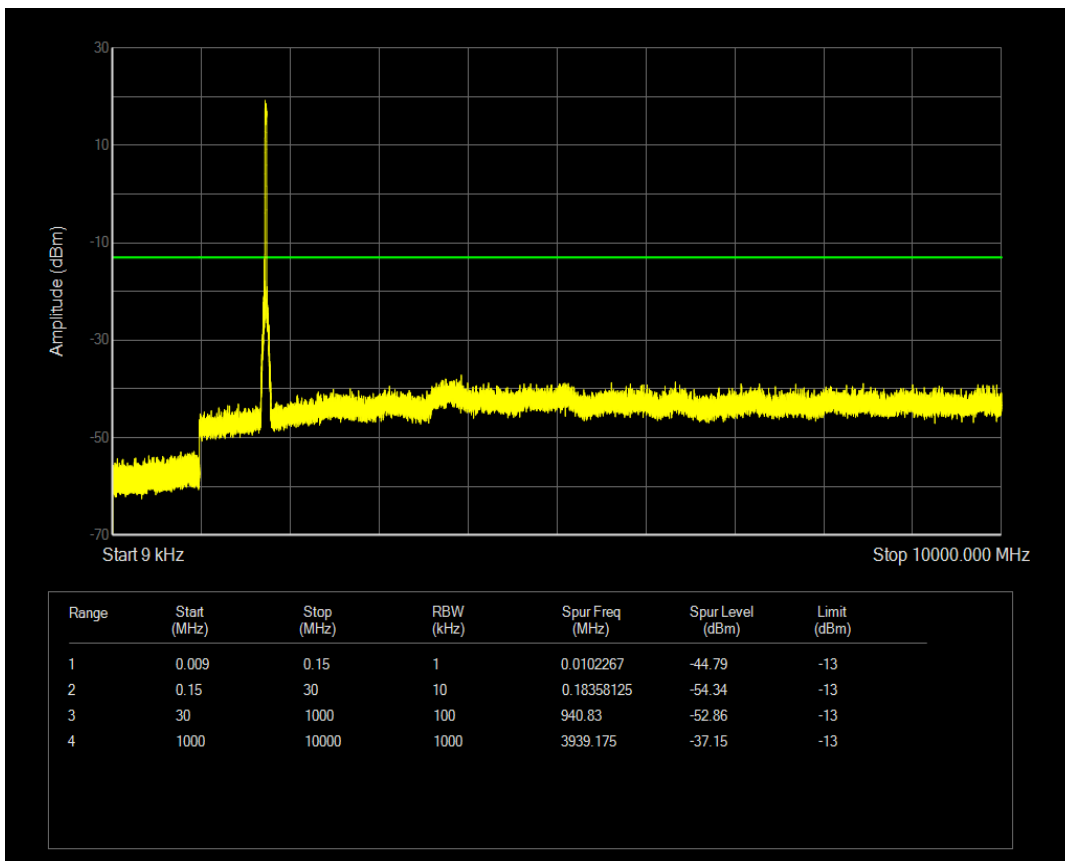
**Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0**



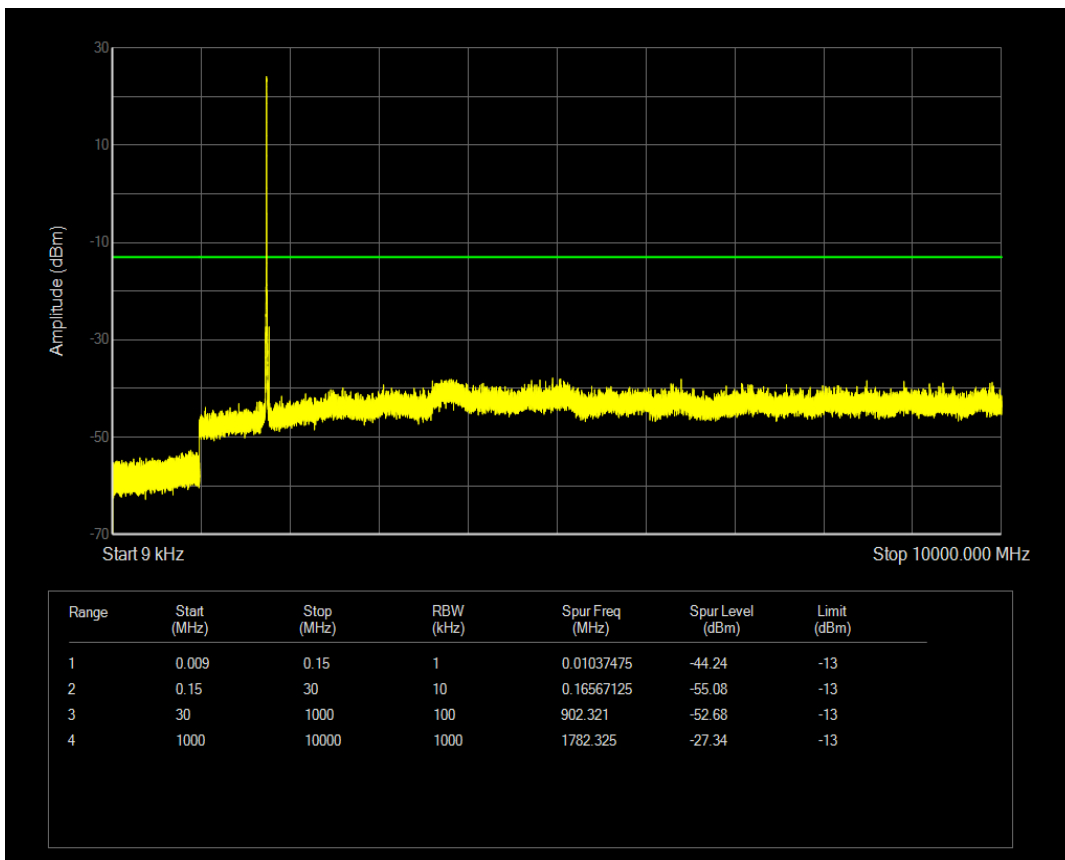
**Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0**



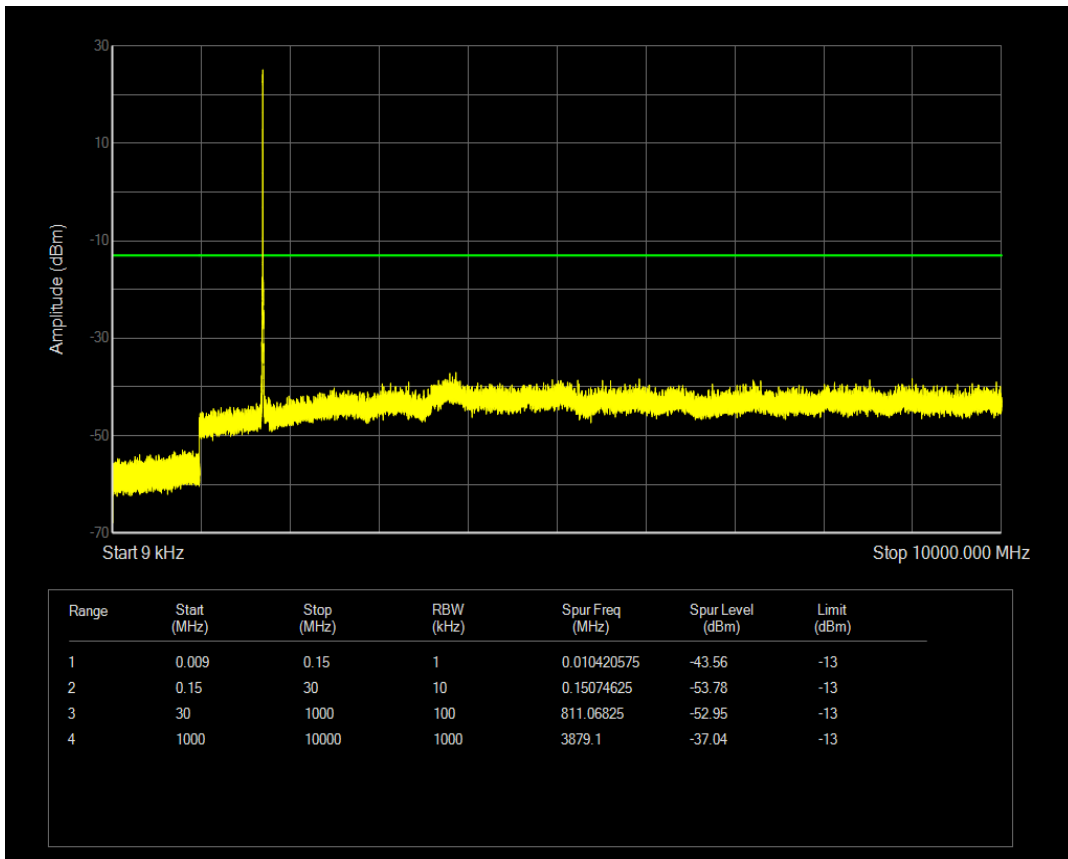
**Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0**



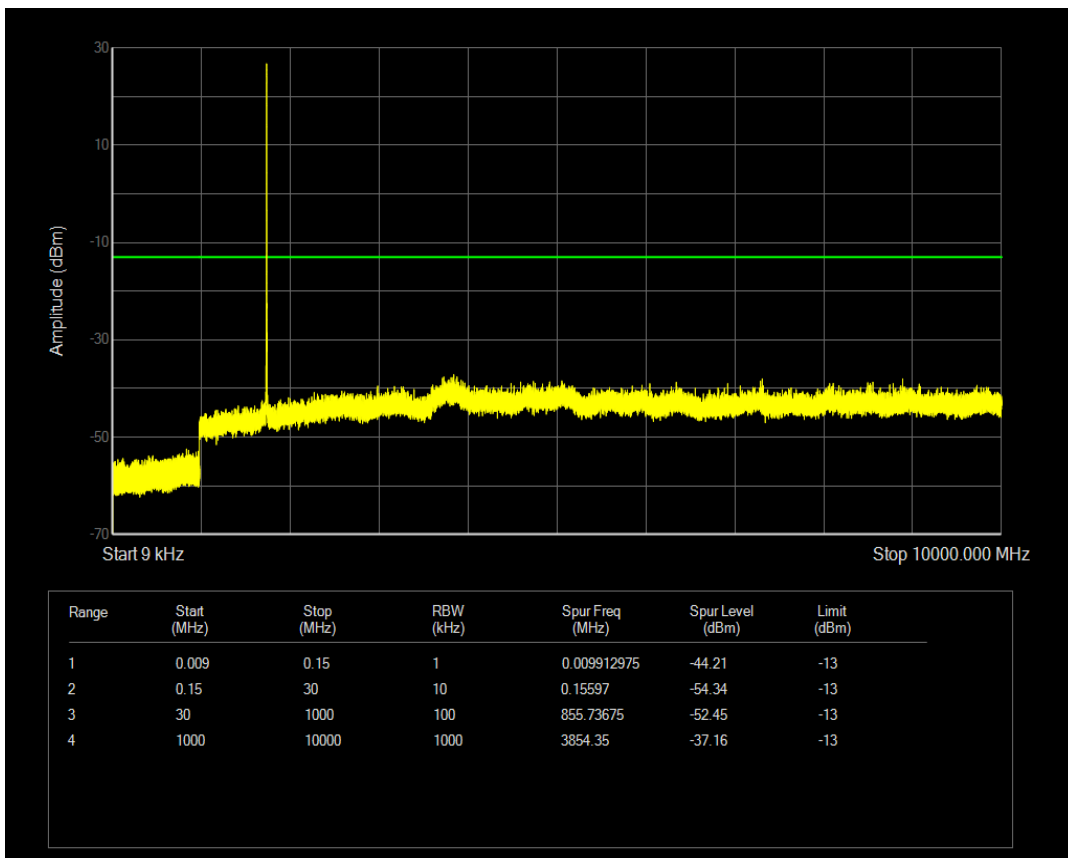
**Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0**



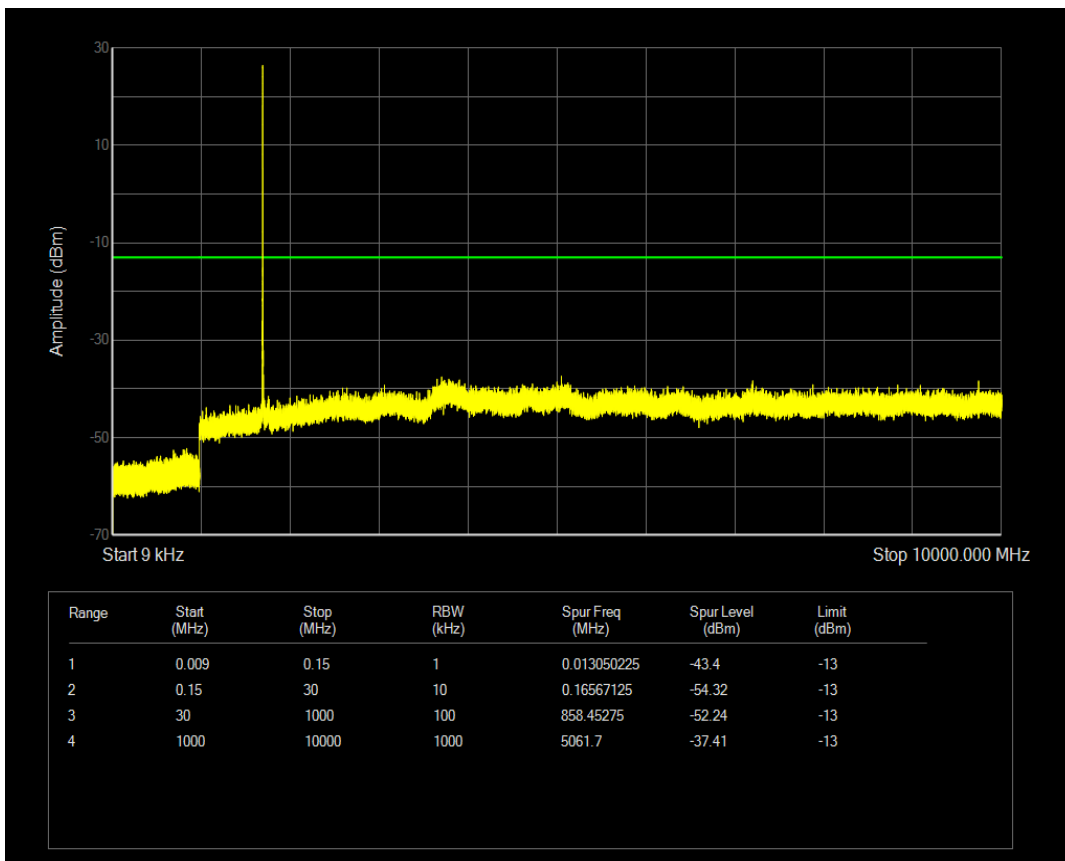
**Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0**



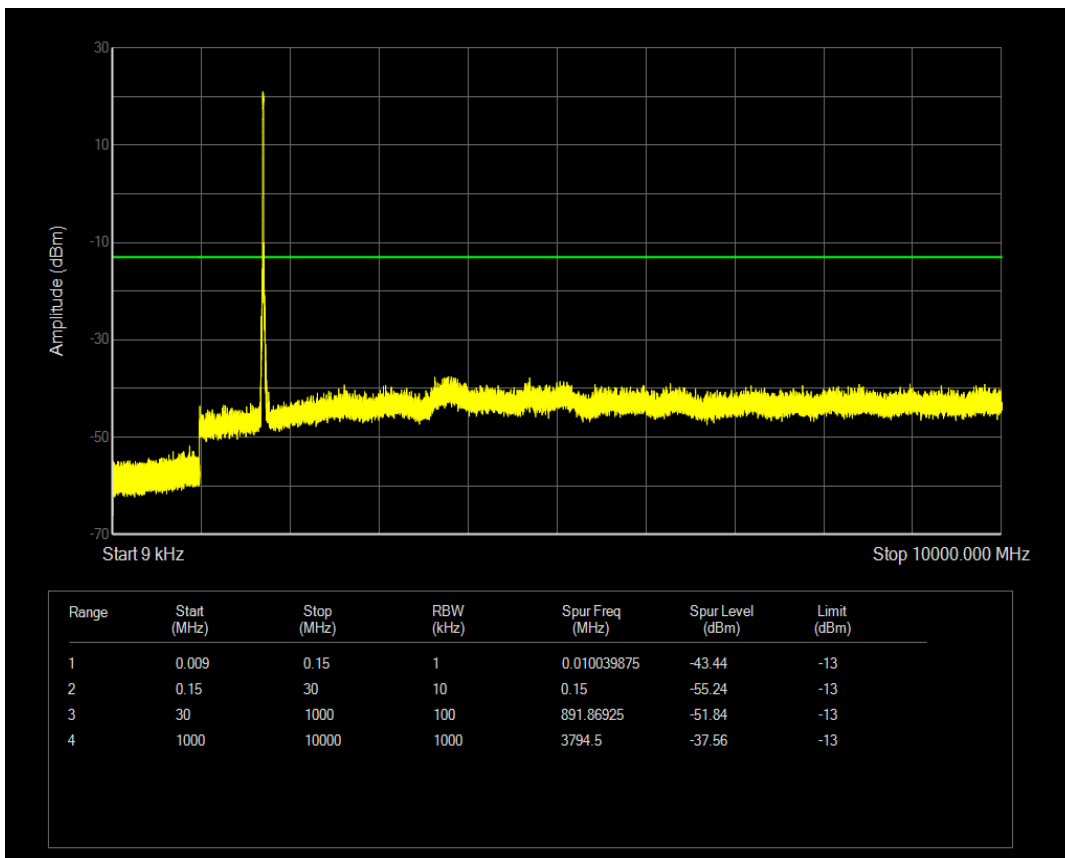
**Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0**



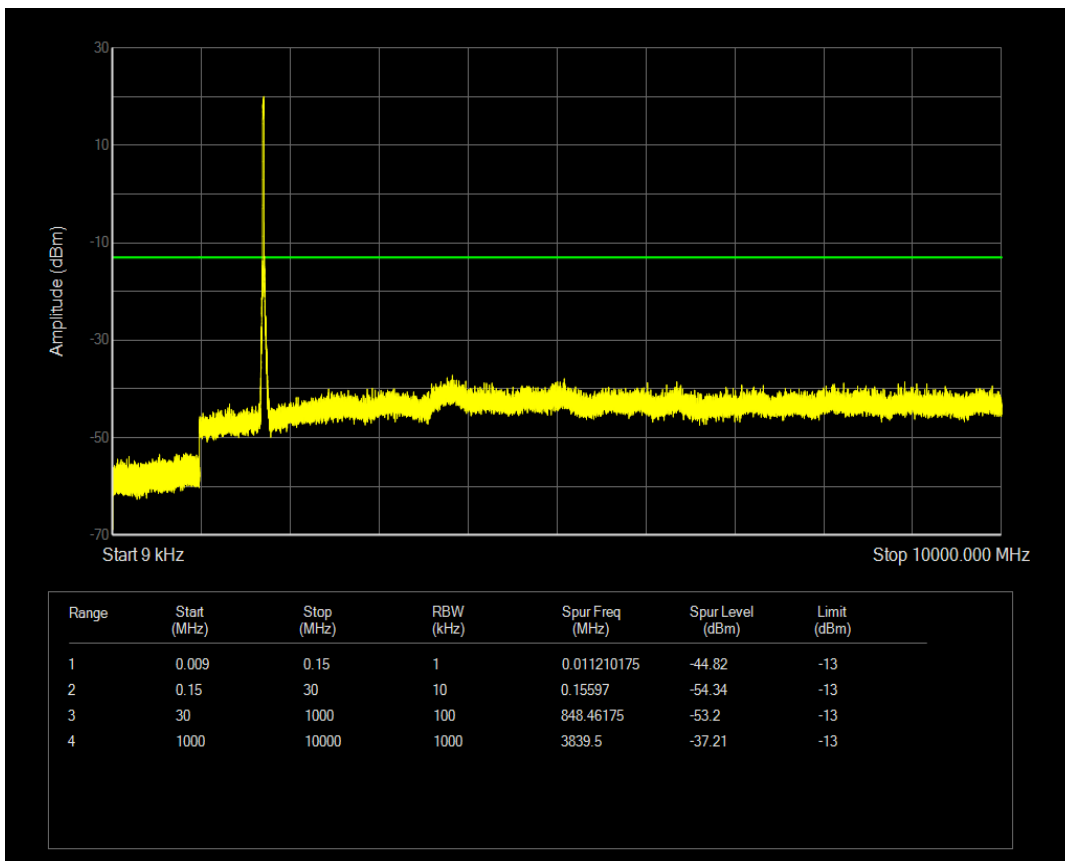
**Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0**



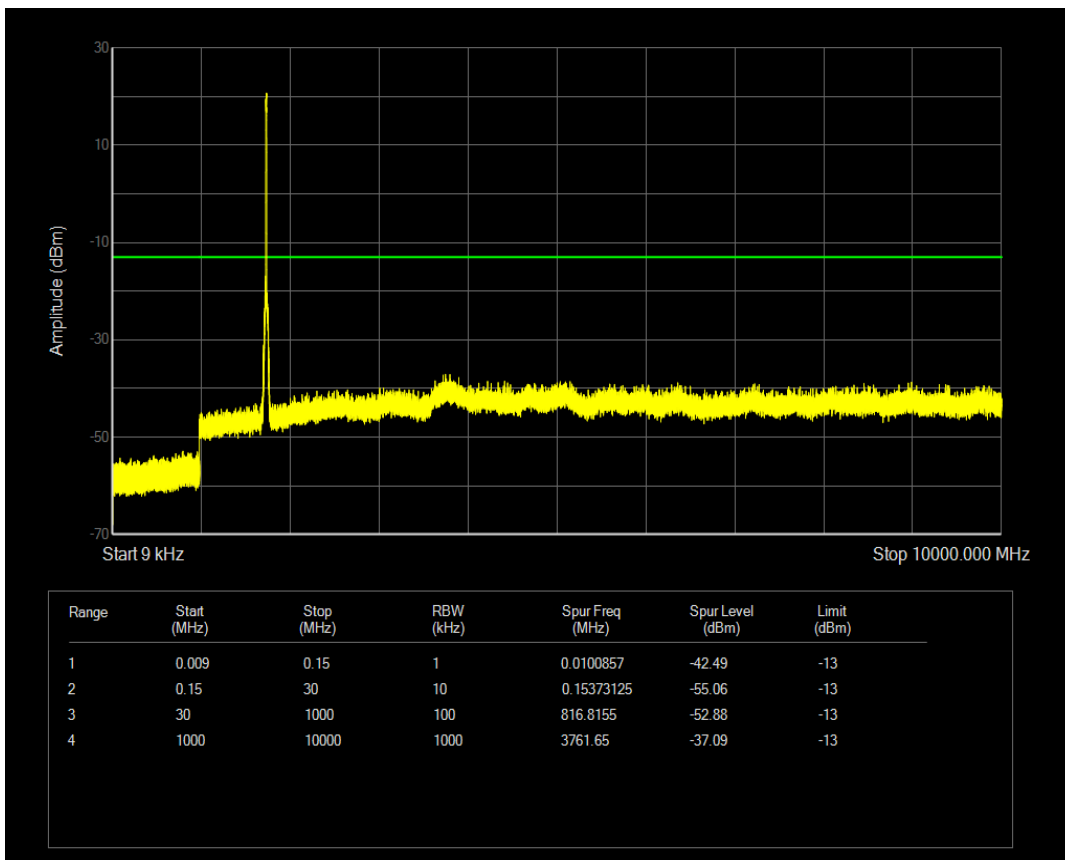
**Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0**



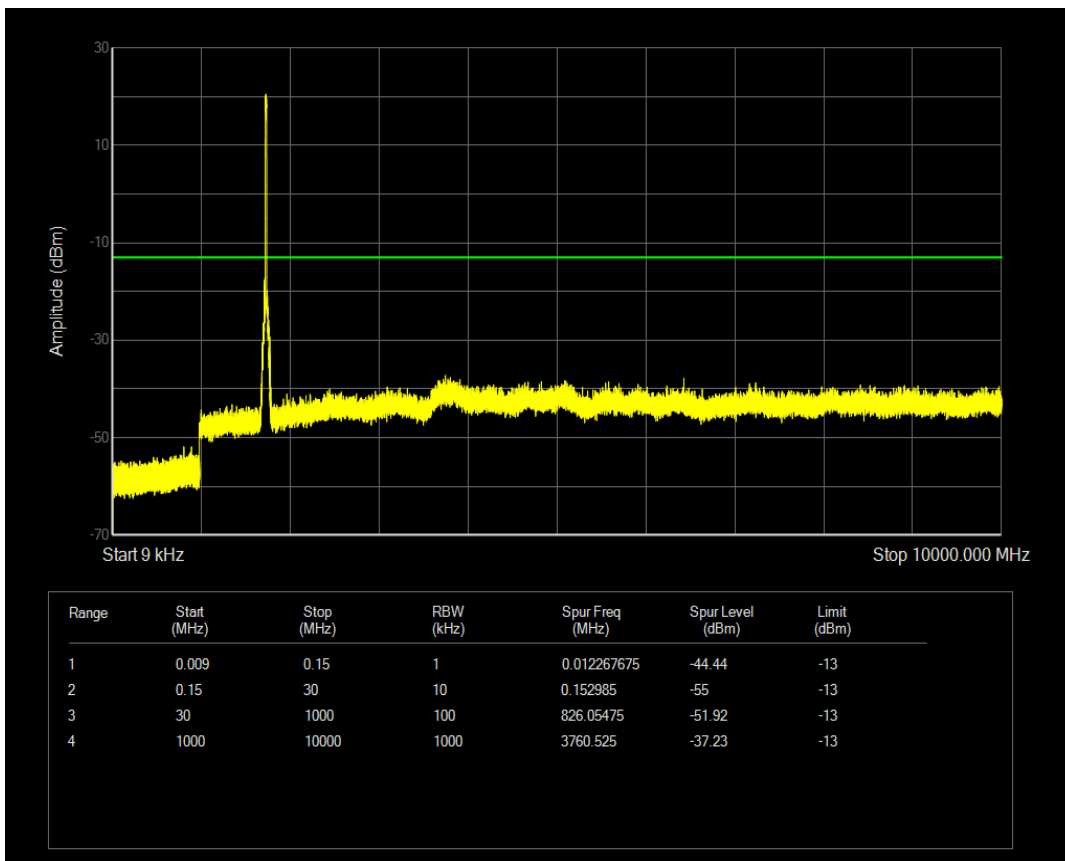
**Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0**



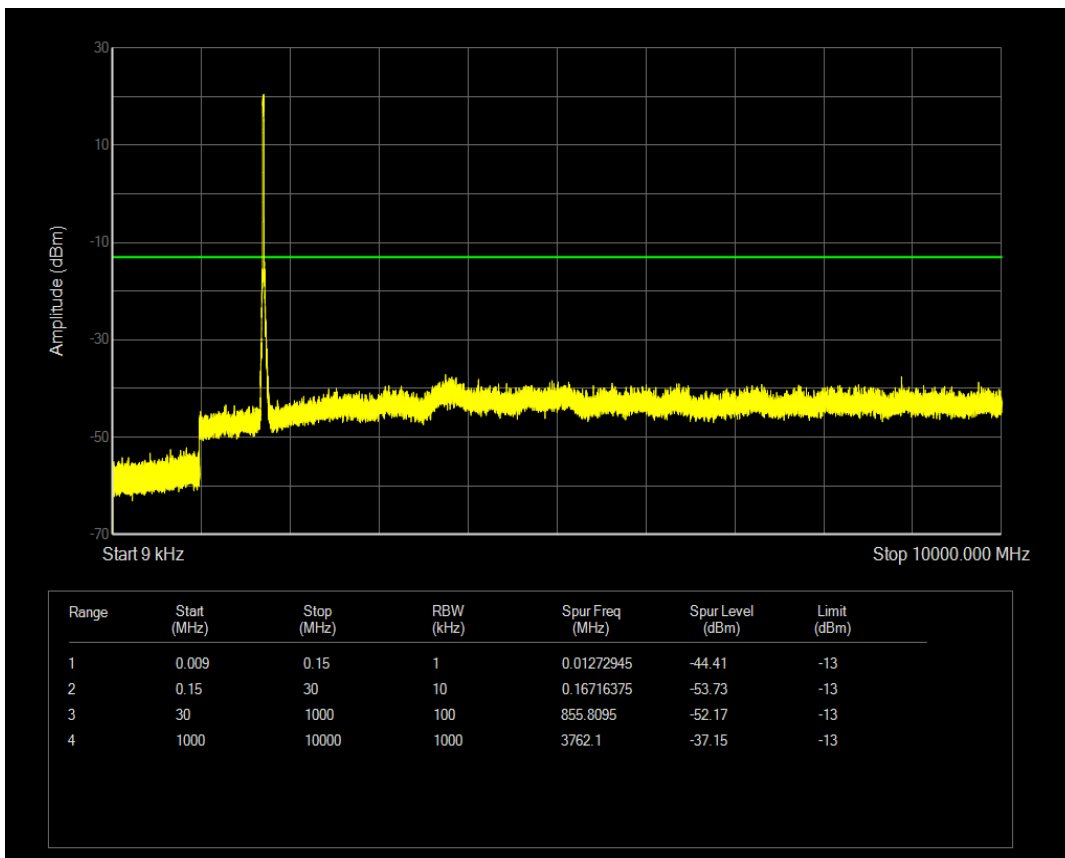
**Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0**



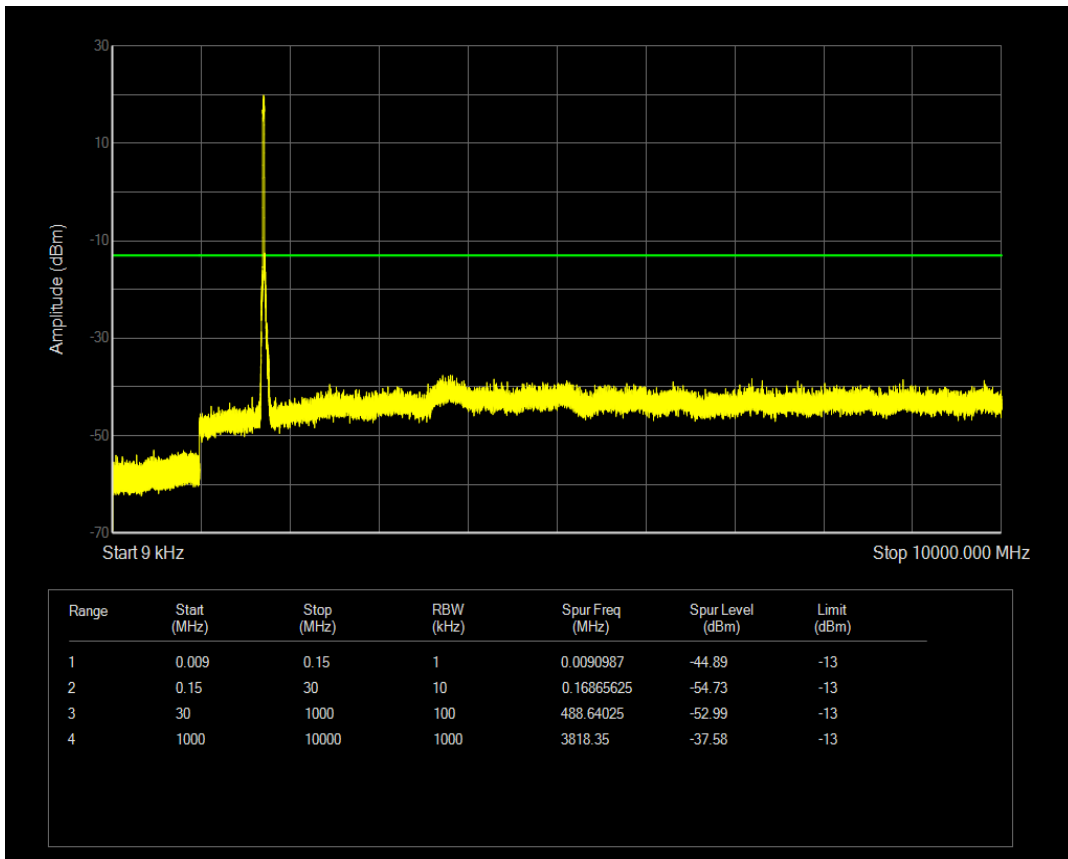
**Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0**



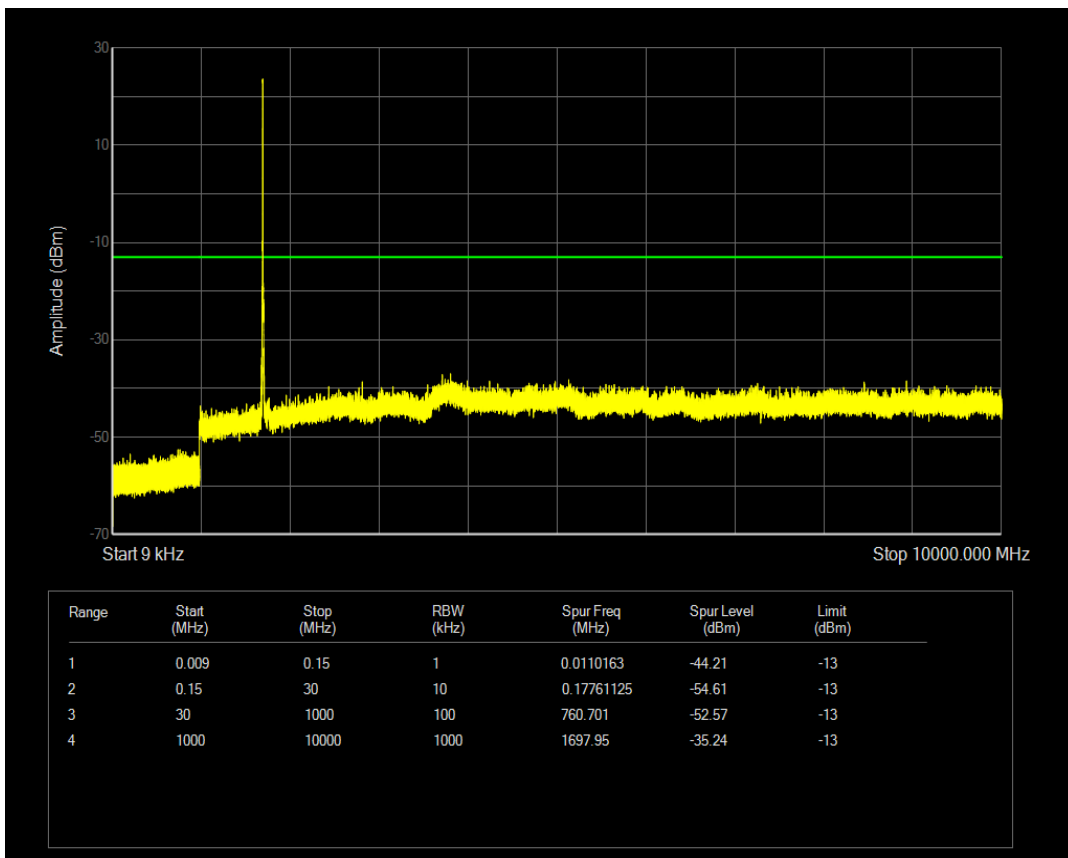
**Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0**



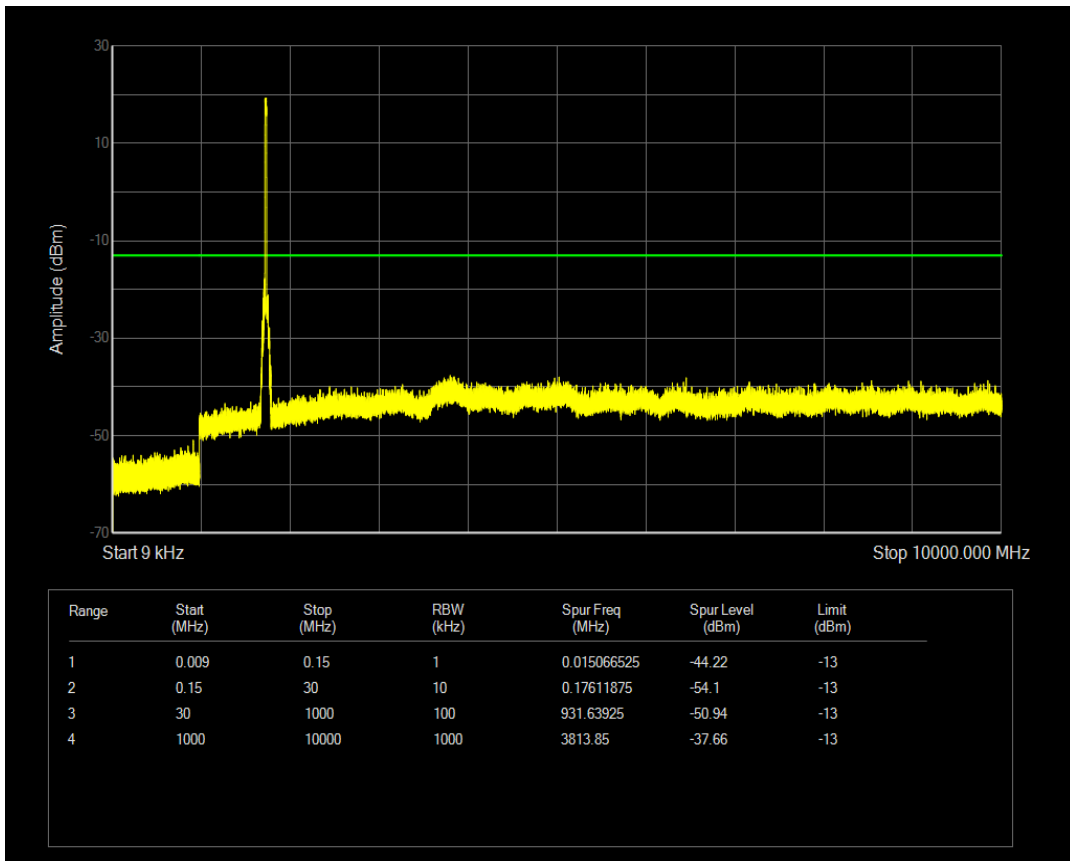
**Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0**



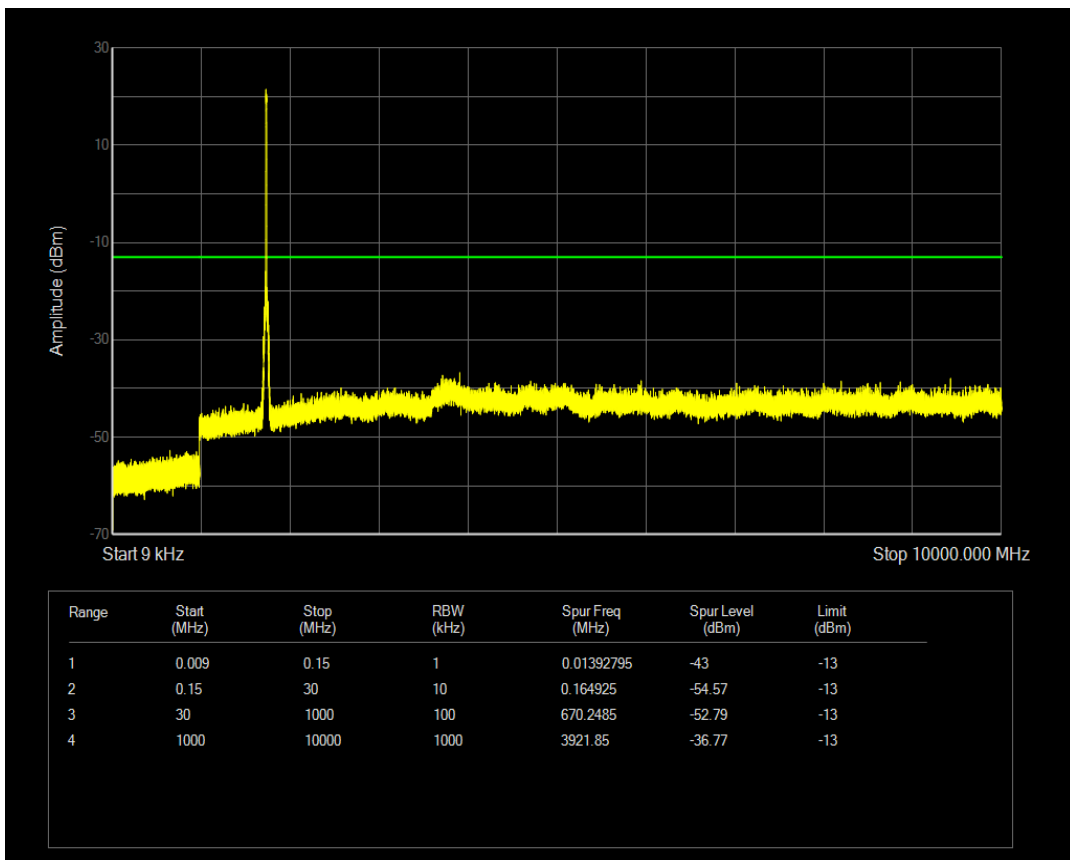
**Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0**



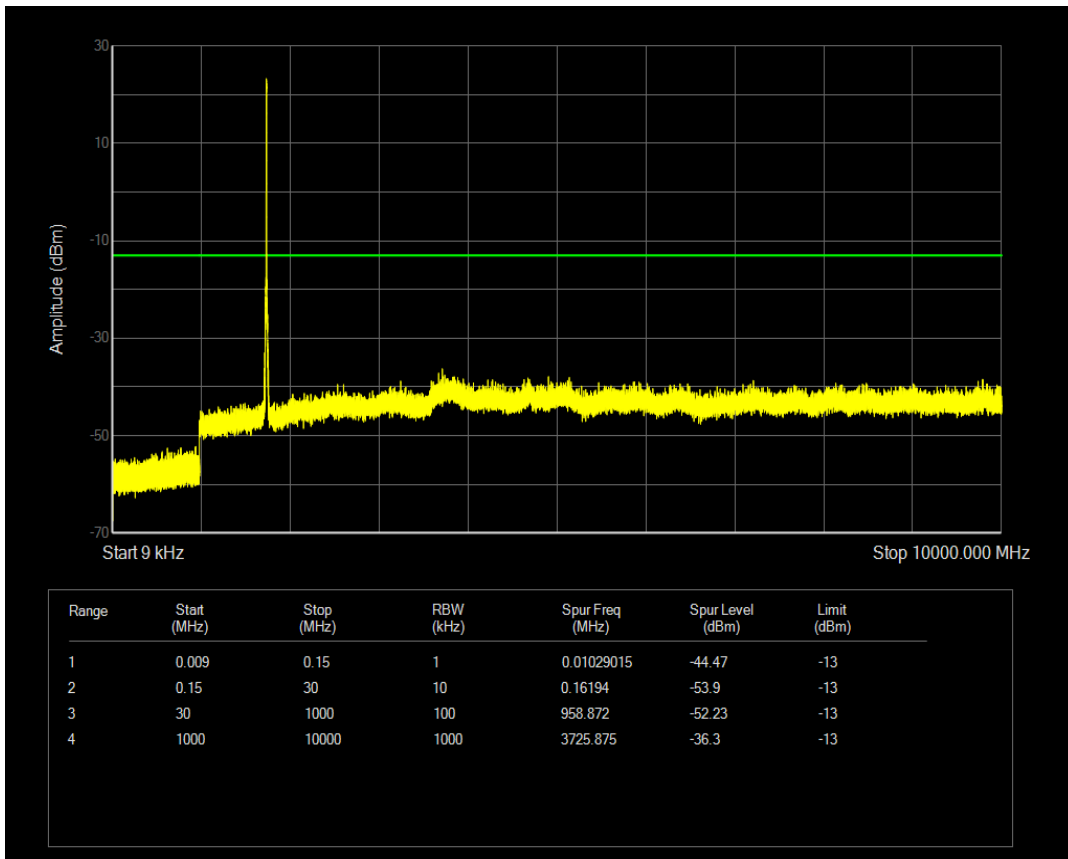
**Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0**



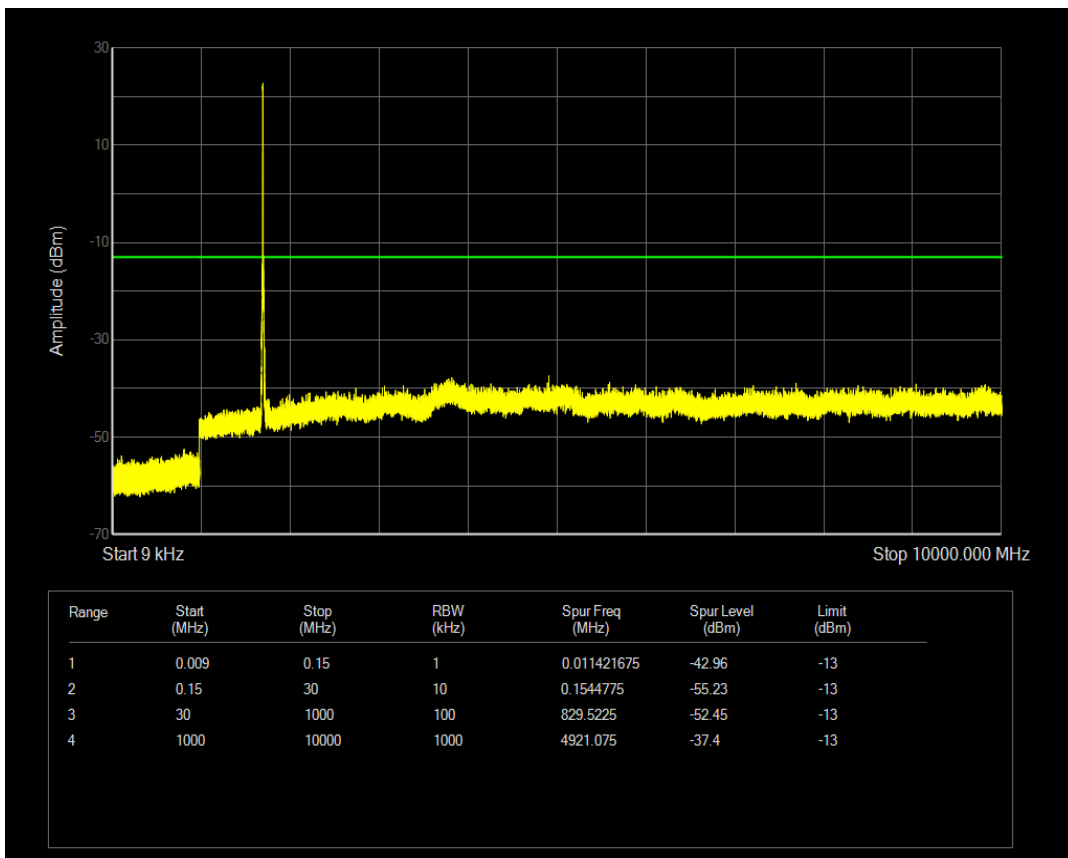
**Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0**



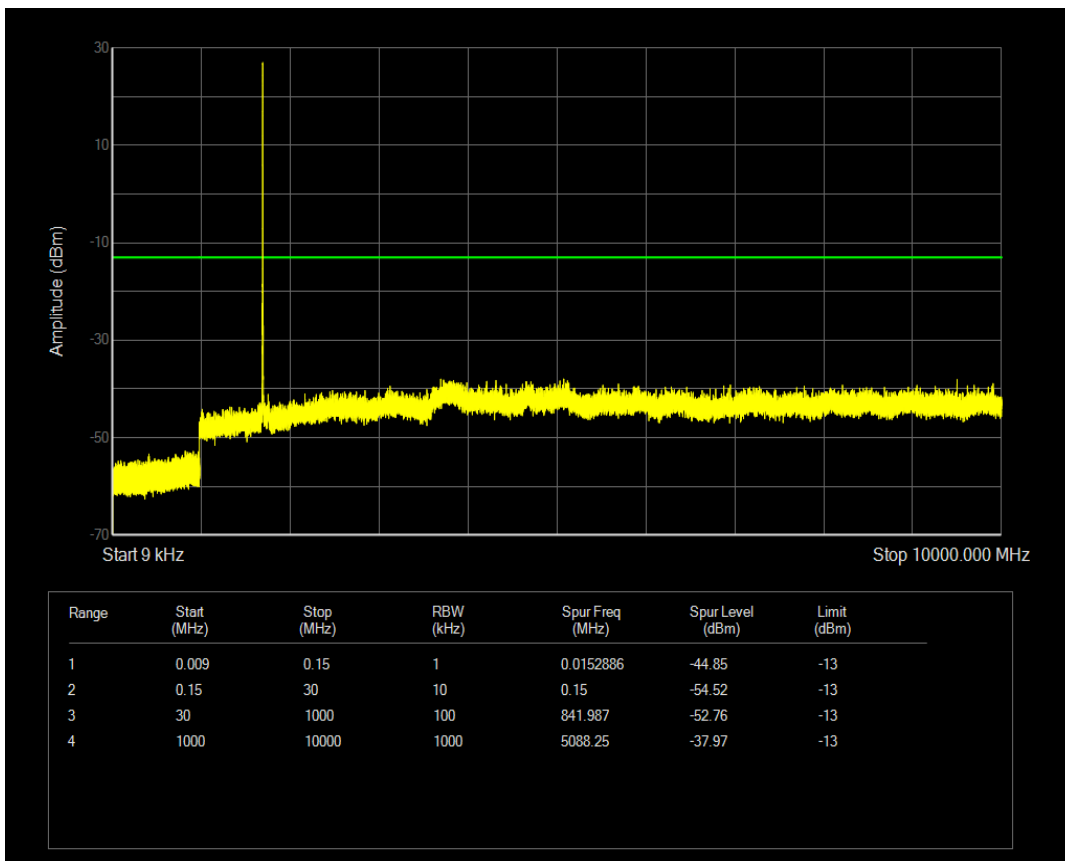
**Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0**



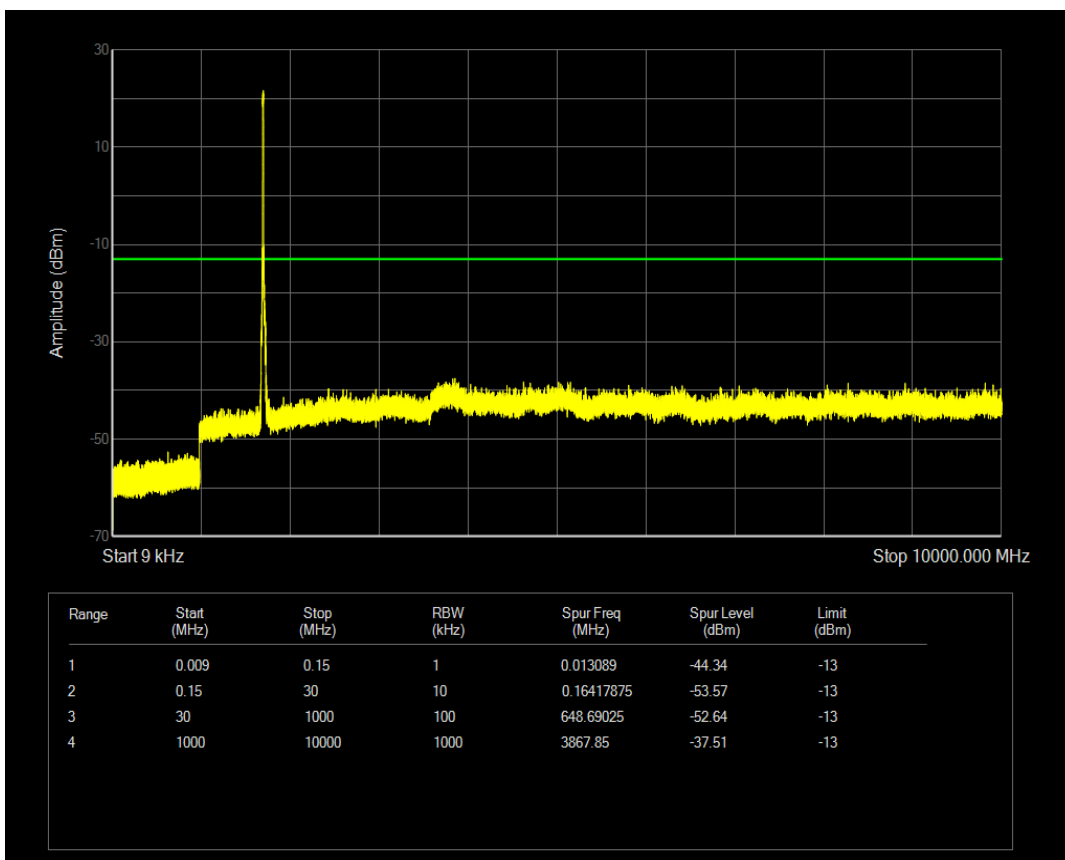
**Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0**



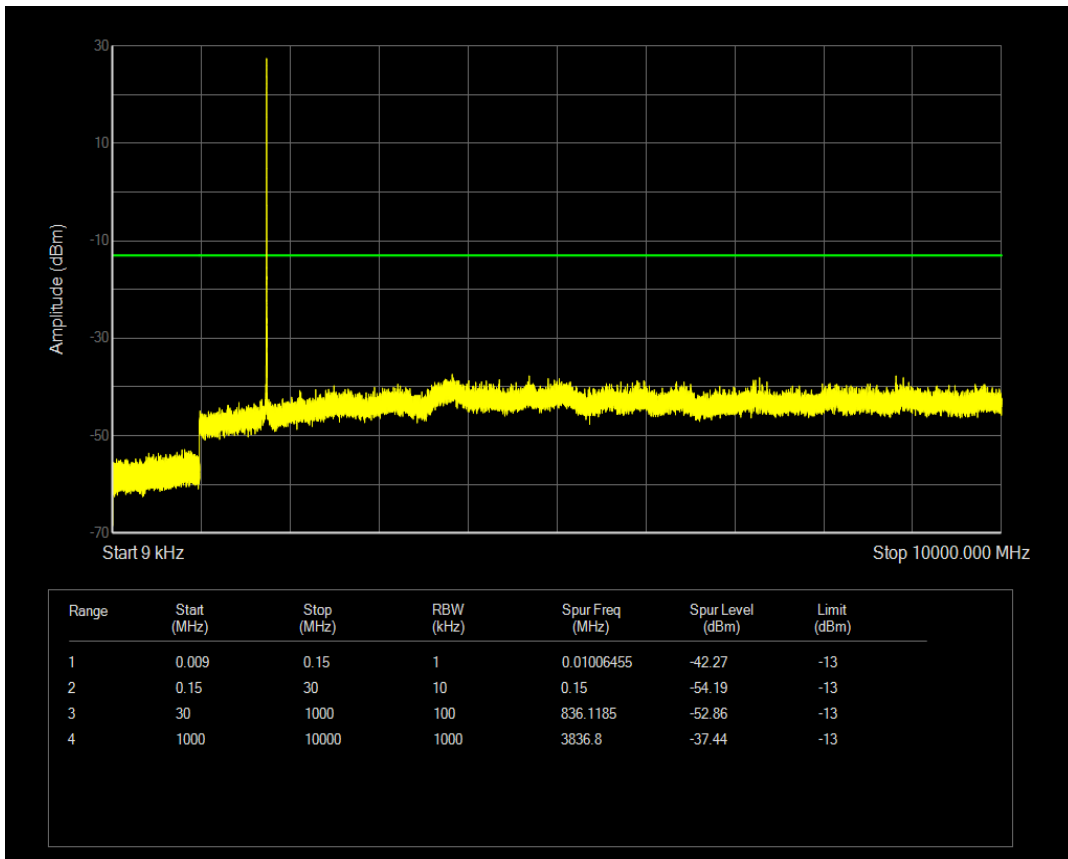
**Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0**



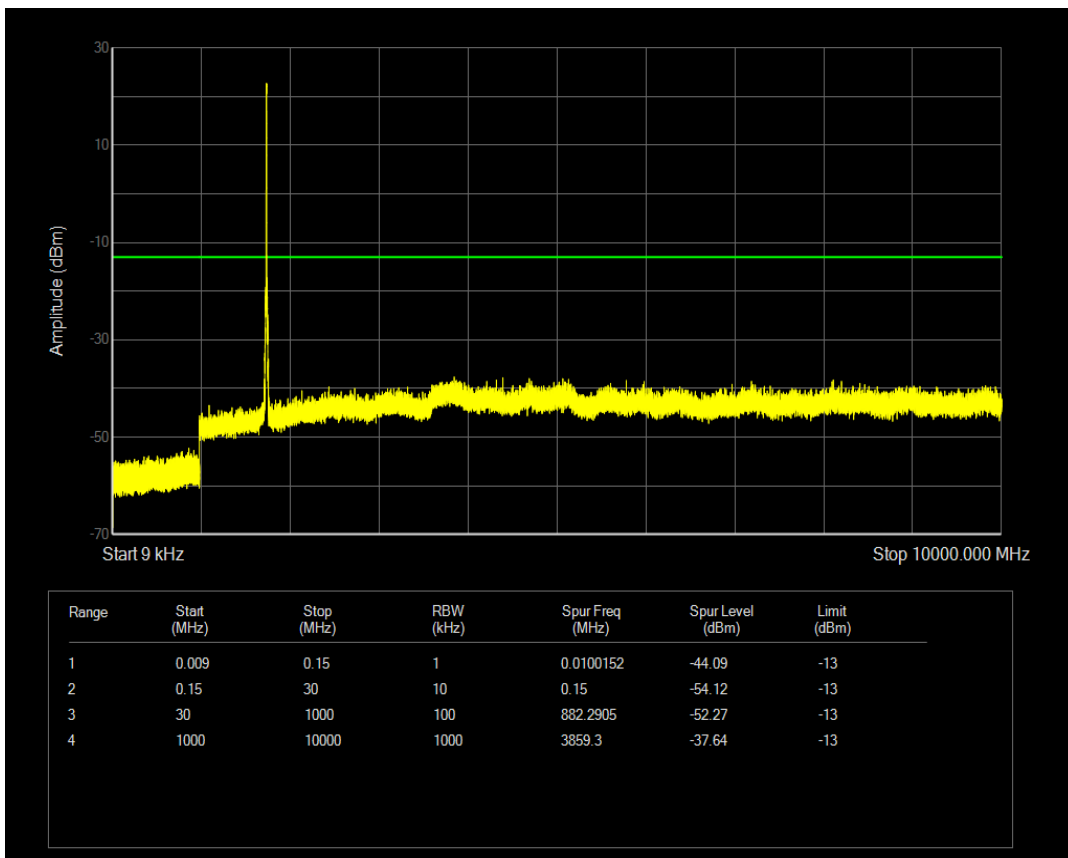
**Band4 QPSK BW=10MHz Channel=2000 RB Size=50 Position=#0**



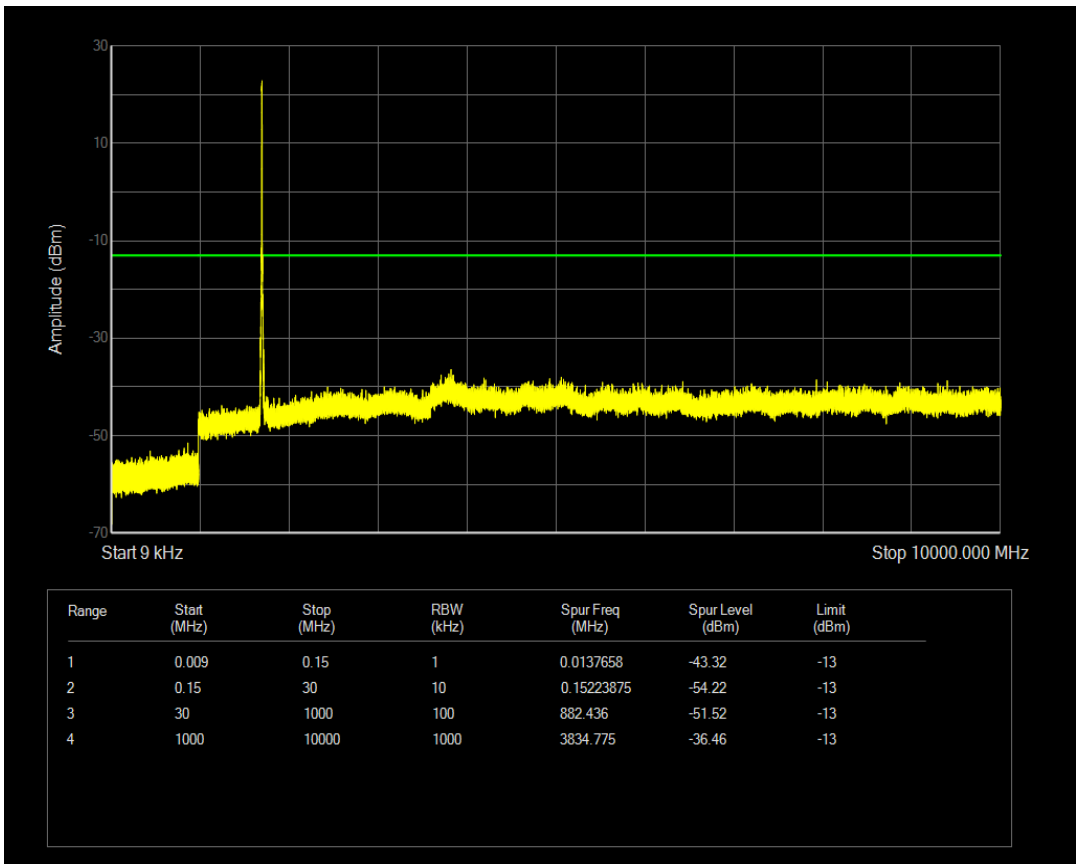
**Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0**



**Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0**



**Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0**



**Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0**

