

TABLE OF CONTENTS

1 Conducted output power 2

2 Frequency stability 8

3 Peak-to-Average Ratio 9

4 Occupied bandwidth 16

5 Band edge 35

6 Out-of-band emissions 48

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted output power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	22.78	-0.96	21.82	30.00	PASS
Band4	1.4	19957	1	#Mid	QPSK	23.02	-0.96	22.06	30.00	PASS
Band4	1.4	19957	1	#Max	QPSK	22.84	-0.96	21.88	30.00	PASS
Band4	1.4	19957	3	#0	QPSK	22.98	-0.96	22.02	30.00	PASS
Band4	1.4	19957	3	#Mid	QPSK	22.97	-0.96	22.01	30.00	PASS
Band4	1.4	19957	3	#Max	QPSK	22.94	-0.96	21.98	30.00	PASS
Band4	1.4	19957	6	#0	QPSK	21.94	-0.96	20.98	30.00	PASS
Band4	1.4	19957	1	#0	QAM16	22.14	-0.96	21.18	30.00	PASS
Band4	1.4	19957	1	#Mid	QAM16	22.18	-0.96	21.22	30.00	PASS
Band4	1.4	19957	1	#Max	QAM16	22.10	-0.96	21.14	30.00	PASS
Band4	1.4	19957	3	#0	QAM16	22.21	-0.96	21.25	30.00	PASS
Band4	1.4	19957	3	#Mid	QAM16	22.25	-0.96	21.29	30.00	PASS
Band4	1.4	19957	3	#Max	QAM16	22.27	-0.96	21.31	30.00	PASS
Band4	1.4	19957	6	#0	QAM16	21.13	-0.96	20.17	30.00	PASS
Band4	1.4	20175	1	#0	QPSK	23.14	-0.96	22.18	30.00	PASS
Band4	1.4	20175	1	#Mid	QPSK	23.31	-0.96	22.35	30.00	PASS
Band4	1.4	20175	1	#Max	QPSK	23.14	-0.96	22.18	30.00	PASS
Band4	1.4	20175	3	#0	QPSK	23.19	-0.96	22.23	30.00	PASS
Band4	1.4	20175	3	#Mid	QPSK	23.13	-0.96	22.17	30.00	PASS
Band4	1.4	20175	3	#Max	QPSK	23.16	-0.96	22.20	30.00	PASS
Band4	1.4	20175	6	#0	QPSK	22.20	-0.96	21.24	30.00	PASS
Band4	1.4	20175	1	#0	QAM16	21.96	-0.96	21.00	30.00	PASS
Band4	1.4	20175	1	#Mid	QAM16	22.17	-0.96	21.21	30.00	PASS
Band4	1.4	20175	1	#Max	QAM16	21.96	-0.96	21.00	30.00	PASS
Band4	1.4	20175	3	#0	QAM16	22.34	-0.96	21.38	30.00	PASS
Band4	1.4	20175	3	#Mid	QAM16	22.35	-0.96	21.39	30.00	PASS
Band4	1.4	20175	3	#Max	QAM16	22.37	-0.96	21.41	30.00	PASS
Band4	1.4	20175	6	#0	QAM16	21.35	-0.96	20.39	30.00	PASS
Band4	1.4	20393	1	#0	QPSK	23.26	-0.96	22.30	30.00	PASS
Band4	1.4	20393	1	#Mid	QPSK	23.43	-0.96	22.47	30.00	PASS
Band4	1.4	20393	1	#Max	QPSK	23.25	-0.96	22.29	30.00	PASS
Band4	1.4	20393	3	#0	QPSK	23.18	-0.96	22.22	30.00	PASS
Band4	1.4	20393	3	#Mid	QPSK	23.20	-0.96	22.24	30.00	PASS
Band4	1.4	20393	3	#Max	QPSK	23.27	-0.96	22.31	30.00	PASS
Band4	1.4	20393	6	#0	QPSK	22.28	-0.96	21.32	30.00	PASS
Band4	1.4	20393	1	#0	QAM16	22.38	-0.96	21.42	30.00	PASS
Band4	1.4	20393	1	#Mid	QAM16	22.54	-0.96	21.58	30.00	PASS

Band4	1.4	20393	1	#Max	QAM16	22.41	-0.96	21.45	30.00	PASS
Band4	1.4	20393	3	#0	QAM16	22.47	-0.96	21.51	30.00	PASS
Band4	1.4	20393	3	#Mid	QAM16	22.49	-0.96	21.53	30.00	PASS
Band4	1.4	20393	3	#Max	QAM16	22.47	-0.96	21.51	30.00	PASS
Band4	1.4	20393	6	#0	QAM16	21.42	-0.96	20.46	30.00	PASS
Band4	3	19965	1	#0	QPSK	22.89	-0.96	21.93	30.00	PASS
Band4	3	19965	1	#Mid	QPSK	23.20	-0.96	22.24	30.00	PASS
Band4	3	19965	1	#Max	QPSK	22.93	-0.96	21.97	30.00	PASS
Band4	3	19965	8	#0	QPSK	21.94	-0.96	20.98	30.00	PASS
Band4	3	19965	8	#Mid	QPSK	22.01	-0.96	21.05	30.00	PASS
Band4	3	19965	8	#Max	QPSK	21.99	-0.96	21.03	30.00	PASS
Band4	3	19965	15	#0	QPSK	21.96	-0.96	21.00	30.00	PASS
Band4	3	19965	1	#0	QAM16	22.36	-0.96	21.40	30.00	PASS
Band4	3	19965	1	#Mid	QAM16	22.66	-0.96	21.70	30.00	PASS
Band4	3	19965	1	#Max	QAM16	22.38	-0.96	21.42	30.00	PASS
Band4	3	19965	8	#0	QAM16	20.96	-0.96	20.00	30.00	PASS
Band4	3	19965	8	#Mid	QAM16	21.06	-0.96	20.10	30.00	PASS
Band4	3	19965	8	#Max	QAM16	21.01	-0.96	20.05	30.00	PASS
Band4	3	19965	15	#0	QAM16	21.00	-0.96	20.04	30.00	PASS
Band4	3	20175	1	#0	QPSK	23.10	-0.96	22.14	30.00	PASS
Band4	3	20175	1	#Mid	QPSK	23.31	-0.96	22.35	30.00	PASS
Band4	3	20175	1	#Max	QPSK	23.07	-0.96	22.11	30.00	PASS
Band4	3	20175	8	#0	QPSK	22.18	-0.96	21.22	30.00	PASS
Band4	3	20175	8	#Mid	QPSK	22.21	-0.96	21.25	30.00	PASS
Band4	3	20175	8	#Max	QPSK	22.17	-0.96	21.21	30.00	PASS
Band4	3	20175	15	#0	QPSK	22.15	-0.96	21.19	30.00	PASS
Band4	3	20175	1	#0	QAM16	22.38	-0.96	21.42	30.00	PASS
Band4	3	20175	1	#Mid	QAM16	22.65	-0.96	21.69	30.00	PASS
Band4	3	20175	1	#Max	QAM16	22.33	-0.96	21.37	30.00	PASS
Band4	3	20175	8	#0	QAM16	21.19	-0.96	20.23	30.00	PASS
Band4	3	20175	8	#Mid	QAM16	21.19	-0.96	20.23	30.00	PASS
Band4	3	20175	8	#Max	QAM16	21.14	-0.96	20.18	30.00	PASS
Band4	3	20175	15	#0	QAM16	21.13	-0.96	20.17	30.00	PASS
Band4	3	20385	1	#0	QPSK	23.26	-0.96	22.30	30.00	PASS
Band4	3	20385	1	#Mid	QPSK	23.35	-0.96	22.39	30.00	PASS
Band4	3	20385	1	#Max	QPSK	23.34	-0.96	22.38	30.00	PASS
Band4	3	20385	8	#0	QPSK	22.26	-0.96	21.30	30.00	PASS
Band4	3	20385	8	#Mid	QPSK	22.29	-0.96	21.33	30.00	PASS
Band4	3	20385	8	#Max	QPSK	22.25	-0.96	21.29	30.00	PASS
Band4	3	20385	15	#0	QPSK	22.23	-0.96	21.27	30.00	PASS
Band4	3	20385	1	#0	QAM16	22.11	-0.96	21.15	30.00	PASS
Band4	3	20385	1	#Mid	QAM16	22.43	-0.96	21.47	30.00	PASS
Band4	3	20385	1	#Max	QAM16	22.12	-0.96	21.16	30.00	PASS
Band4	3	20385	8	#0	QAM16	21.22	-0.96	20.26	30.00	PASS

Band4	3	20385	8	#Mid	QAM16	21.28	-0.96	20.32	30.00	PASS
Band4	3	20385	8	#Max	QAM16	21.26	-0.96	20.30	30.00	PASS
Band4	3	20385	15	#0	QAM16	21.28	-0.96	20.32	30.00	PASS
Band4	5	19975	1	#0	QPSK	22.85	-0.96	21.89	30.00	PASS
Band4	5	19975	1	#Mid	QPSK	23.19	-0.96	22.23	30.00	PASS
Band4	5	19975	1	#Max	QPSK	22.89	-0.96	21.93	30.00	PASS
Band4	5	19975	12	#0	QPSK	21.97	-0.96	21.01	30.00	PASS
Band4	5	19975	12	#Mid	QPSK	22.04	-0.96	21.08	30.00	PASS
Band4	5	19975	12	#Max	QPSK	22.02	-0.96	21.06	30.00	PASS
Band4	5	19975	25	#0	QPSK	22.01	-0.96	21.05	30.00	PASS
Band4	5	19975	1	#0	QAM16	22.43	-0.96	21.47	30.00	PASS
Band4	5	19975	1	#Mid	QAM16	22.77	-0.96	21.81	30.00	PASS
Band4	5	19975	1	#Max	QAM16	22.49	-0.96	21.53	30.00	PASS
Band4	5	19975	12	#0	QAM16	20.95	-0.96	19.99	30.00	PASS
Band4	5	19975	12	#Mid	QAM16	21.04	-0.96	20.08	30.00	PASS
Band4	5	19975	12	#Max	QAM16	20.97	-0.96	20.01	30.00	PASS
Band4	5	19975	25	#0	QAM16	20.99	-0.96	20.03	30.00	PASS
Band4	5	20175	1	#0	QPSK	23.07	-0.96	22.11	30.00	PASS
Band4	5	20175	1	#Mid	QPSK	23.40	-0.96	22.44	30.00	PASS
Band4	5	20175	1	#Max	QPSK	23.02	-0.96	22.06	30.00	PASS
Band4	5	20175	12	#0	QPSK	22.16	-0.96	21.20	30.00	PASS
Band4	5	20175	12	#Mid	QPSK	22.20	-0.96	21.24	30.00	PASS
Band4	5	20175	12	#Max	QPSK	22.15	-0.96	21.19	30.00	PASS
Band4	5	20175	25	#0	QPSK	22.17	-0.96	21.21	30.00	PASS
Band4	5	20175	1	#0	QAM16	22.44	-0.96	21.48	30.00	PASS
Band4	5	20175	1	#Mid	QAM16	22.79	-0.96	21.83	30.00	PASS
Band4	5	20175	1	#Max	QAM16	22.39	-0.96	21.43	30.00	PASS
Band4	5	20175	12	#0	QAM16	21.08	-0.96	20.12	30.00	PASS
Band4	5	20175	12	#Mid	QAM16	21.16	-0.96	20.20	30.00	PASS
Band4	5	20175	12	#Max	QAM16	21.13	-0.96	20.17	30.00	PASS
Band4	5	20175	25	#0	QAM16	21.20	-0.96	20.24	30.00	PASS
Band4	5	20375	1	#0	QPSK	23.07	-0.96	22.11	30.00	PASS
Band4	5	20375	1	#Mid	QPSK	23.49	-0.96	22.53	30.00	PASS
Band4	5	20375	1	#Max	QPSK	23.10	-0.96	22.14	30.00	PASS
Band4	5	20375	12	#0	QPSK	22.23	-0.96	21.27	30.00	PASS
Band4	5	20375	12	#Mid	QPSK	22.29	-0.96	21.33	30.00	PASS
Band4	5	20375	12	#Max	QPSK	22.21	-0.96	21.25	30.00	PASS
Band4	5	20375	25	#0	QPSK	22.28	-0.96	21.32	30.00	PASS
Band4	5	20375	1	#0	QAM16	22.45	-0.96	21.49	30.00	PASS
Band4	5	20375	1	#Mid	QAM16	22.77	-0.96	21.81	30.00	PASS
Band4	5	20375	1	#Max	QAM16	22.47	-0.96	21.51	30.00	PASS
Band4	5	20375	12	#0	QAM16	21.32	-0.96	20.36	30.00	PASS
Band4	5	20375	12	#Mid	QAM16	21.31	-0.96	20.35	30.00	PASS
Band4	5	20375	12	#Max	QAM16	21.30	-0.96	20.34	30.00	PASS

Band4	5	20375	25	#0	QAM16	21.24	-0.96	20.28	30.00	PASS
Band4	10	20000	1	#0	QPSK	22.93	-0.96	21.97	30.00	PASS
Band4	10	20000	1	#Mid	QPSK	23.03	-0.96	22.07	30.00	PASS
Band4	10	20000	1	#Max	QPSK	23.03	-0.96	22.07	30.00	PASS
Band4	10	20000	25	#0	QPSK	22.07	-0.96	21.11	30.00	PASS
Band4	10	20000	25	#Mid	QPSK	22.05	-0.96	21.09	30.00	PASS
Band4	10	20000	25	#Max	QPSK	22.06	-0.96	21.10	30.00	PASS
Band4	10	20000	50	#0	QPSK	21.86	-0.96	20.90	30.00	PASS
Band4	10	20000	1	#0	QAM16	22.39	-0.96	21.43	30.00	PASS
Band4	10	20000	1	#Mid	QAM16	22.08	-0.96	21.12	30.00	PASS
Band4	10	20000	1	#Max	QAM16	22.35	-0.96	21.39	30.00	PASS
Band4	10	20000	25	#0	QAM16	20.83	-0.96	19.87	30.00	PASS
Band4	10	20000	25	#Mid	QAM16	20.95	-0.96	19.99	30.00	PASS
Band4	10	20000	25	#Max	QAM16	21.07	-0.96	20.11	30.00	PASS
Band4	10	20000	50	#0	QAM16	20.94	-0.96	19.98	30.00	PASS
Band4	10	20175	1	#0	QPSK	23.17	-0.96	22.21	30.00	PASS
Band4	10	20175	1	#Mid	QPSK	23.25	-0.96	22.29	30.00	PASS
Band4	10	20175	1	#Max	QPSK	23.15	-0.96	22.19	30.00	PASS
Band4	10	20175	25	#0	QPSK	22.24	-0.96	21.28	30.00	PASS
Band4	10	20175	25	#Mid	QPSK	22.22	-0.96	21.26	30.00	PASS
Band4	10	20175	25	#Max	QPSK	22.21	-0.96	21.25	30.00	PASS
Band4	10	20175	50	#0	QPSK	22.25	-0.96	21.29	30.00	PASS
Band4	10	20175	1	#0	QAM16	22.46	-0.96	21.50	30.00	PASS
Band4	10	20175	1	#Mid	QAM16	22.50	-0.96	21.54	30.00	PASS
Band4	10	20175	1	#Max	QAM16	22.34	-0.96	21.38	30.00	PASS
Band4	10	20175	25	#0	QAM16	21.28	-0.96	20.32	30.00	PASS
Band4	10	20175	25	#Mid	QAM16	21.23	-0.96	20.27	30.00	PASS
Band4	10	20175	25	#Max	QAM16	21.25	-0.96	20.29	30.00	PASS
Band4	10	20175	50	#0	QAM16	21.29	-0.96	20.33	30.00	PASS
Band4	10	20350	1	#0	QPSK	23.28	-0.96	22.32	30.00	PASS
Band4	10	20350	1	#Mid	QPSK	23.33	-0.96	22.37	30.00	PASS
Band4	10	20350	1	#Max	QPSK	23.25	-0.96	22.29	30.00	PASS
Band4	10	20350	25	#0	QPSK	22.28	-0.96	21.32	30.00	PASS
Band4	10	20350	25	#Mid	QPSK	22.23	-0.96	21.27	30.00	PASS
Band4	10	20350	25	#Max	QPSK	22.26	-0.96	21.30	30.00	PASS
Band4	10	20350	50	#0	QPSK	22.27	-0.96	21.31	30.00	PASS
Band4	10	20350	1	#0	QAM16	22.11	-0.96	21.15	30.00	PASS
Band4	10	20350	1	#Mid	QAM16	22.16	-0.96	21.20	30.00	PASS
Band4	10	20350	1	#Max	QAM16	22.12	-0.96	21.16	30.00	PASS
Band4	10	20350	25	#0	QAM16	21.27	-0.96	20.31	30.00	PASS
Band4	10	20350	25	#Mid	QAM16	21.21	-0.96	20.25	30.00	PASS
Band4	10	20350	25	#Max	QAM16	21.29	-0.96	20.33	30.00	PASS
Band4	10	20350	50	#0	QAM16	21.28	-0.96	20.32	30.00	PASS
Band4	15	20025	1	#0	QPSK	22.95	-0.96	21.99	30.00	PASS

Band4	15	20025	1	#Mid	QPSK	23.37	-0.96	22.41	30.00	PASS
Band4	15	20025	1	#Max	QPSK	23.08	-0.96	22.12	30.00	PASS
Band4	15	20025	36	#0	QPSK	22.14	-0.96	21.18	30.00	PASS
Band4	15	20025	36	#Mid	QPSK	22.16	-0.96	21.20	30.00	PASS
Band4	15	20025	36	#Max	QPSK	22.23	-0.96	21.27	30.00	PASS
Band4	15	20025	75	#0	QPSK	22.19	-0.96	21.23	30.00	PASS
Band4	15	20025	1	#0	QAM16	22.41	-0.96	21.45	30.00	PASS
Band4	15	20025	1	#Mid	QAM16	22.71	-0.96	21.75	30.00	PASS
Band4	15	20025	1	#Max	QAM16	22.51	-0.96	21.55	30.00	PASS
Band4	15	20025	36	#0	QAM16	21.14	-0.96	20.18	30.00	PASS
Band4	15	20025	36	#Mid	QAM16	21.19	-0.96	20.23	30.00	PASS
Band4	15	20025	36	#Max	QAM16	21.21	-0.96	20.25	30.00	PASS
Band4	15	20025	75	#0	QAM16	21.15	-0.96	20.19	30.00	PASS
Band4	15	20175	1	#0	QPSK	23.11	-0.96	22.15	30.00	PASS
Band4	15	20175	1	#Mid	QPSK	23.38	-0.96	22.42	30.00	PASS
Band4	15	20175	1	#Max	QPSK	22.97	-0.96	22.01	30.00	PASS
Band4	15	20175	36	#0	QPSK	22.28	-0.96	21.32	30.00	PASS
Band4	15	20175	36	#Mid	QPSK	22.28	-0.96	21.32	30.00	PASS
Band4	15	20175	36	#Max	QPSK	22.26	-0.96	21.30	30.00	PASS
Band4	15	20175	75	#0	QPSK	22.31	-0.96	21.35	30.00	PASS
Band4	15	20175	1	#0	QAM16	22.34	-0.96	21.38	30.00	PASS
Band4	15	20175	1	#Mid	QAM16	22.66	-0.96	21.70	30.00	PASS
Band4	15	20175	1	#Max	QAM16	22.21	-0.96	21.25	30.00	PASS
Band4	15	20175	36	#0	QAM16	21.30	-0.96	20.34	30.00	PASS
Band4	15	20175	36	#Mid	QAM16	21.31	-0.96	20.35	30.00	PASS
Band4	15	20175	36	#Max	QAM16	21.28	-0.96	20.32	30.00	PASS
Band4	15	20175	75	#0	QAM16	21.27	-0.96	20.31	30.00	PASS
Band4	15	20325	1	#0	QPSK	23.27	-0.96	22.31	30.00	PASS
Band4	15	20325	1	#Mid	QPSK	23.58	-0.96	22.62	30.00	PASS
Band4	15	20325	1	#Max	QPSK	23.23	-0.96	22.27	30.00	PASS
Band4	15	20325	36	#0	QPSK	22.29	-0.96	21.33	30.00	PASS
Band4	15	20325	36	#Mid	QPSK	22.35	-0.96	21.39	30.00	PASS
Band4	15	20325	36	#Max	QPSK	22.35	-0.96	21.39	30.00	PASS
Band4	15	20325	75	#0	QPSK	22.31	-0.96	21.35	30.00	PASS
Band4	15	20325	1	#0	QAM16	22.28	-0.96	21.32	30.00	PASS
Band4	15	20325	1	#Mid	QAM16	22.60	-0.96	21.64	30.00	PASS
Band4	15	20325	1	#Max	QAM16	22.25	-0.96	21.29	30.00	PASS
Band4	15	20325	36	#0	QAM16	21.21	-0.96	20.25	30.00	PASS
Band4	15	20325	36	#Mid	QAM16	21.24	-0.96	20.28	30.00	PASS
Band4	15	20325	36	#Max	QAM16	21.22	-0.96	20.26	30.00	PASS
Band4	15	20325	75	#0	QAM16	21.30	-0.96	20.34	30.00	PASS
Band4	20	20050	1	#0	QPSK	22.78	-0.96	21.82	30.00	PASS
Band4	20	20050	1	#Mid	QPSK	23.26	-0.96	22.30	30.00	PASS
Band4	20	20050	1	#Max	QPSK	22.88	-0.96	21.92	30.00	PASS

Band4	20	20050	50	#0	QPSK	22.05	-0.96	21.09	30.00	PASS
Band4	20	20050	50	#Mid	QPSK	22.17	-0.96	21.21	30.00	PASS
Band4	20	20050	50	#Max	QPSK	22.13	-0.96	21.17	30.00	PASS
Band4	20	20050	100	#0	QPSK	22.12	-0.96	21.16	30.00	PASS
Band4	20	20050	1	#0	QAM16	22.17	-0.96	21.21	30.00	PASS
Band4	20	20050	1	#Mid	QAM16	22.63	-0.96	21.67	30.00	PASS
Band4	20	20050	1	#Max	QAM16	22.26	-0.96	21.30	30.00	PASS
Band4	20	20050	50	#0	QAM16	21.16	-0.96	20.20	30.00	PASS
Band4	20	20050	50	#Mid	QAM16	21.24	-0.96	20.28	30.00	PASS
Band4	20	20050	50	#Max	QAM16	21.21	-0.96	20.25	30.00	PASS
Band4	20	20050	100	#0	QAM16	21.17	-0.96	20.21	30.00	PASS
Band4	20	20175	1	#0	QPSK	23.07	-0.96	22.11	30.00	PASS
Band4	20	20175	1	#Mid	QPSK	23.37	-0.96	22.41	30.00	PASS
Band4	20	20175	1	#Max	QPSK	22.93	-0.96	21.97	30.00	PASS
Band4	20	20175	50	#0	QPSK	22.21	-0.96	21.25	30.00	PASS
Band4	20	20175	50	#Mid	QPSK	22.28	-0.96	21.32	30.00	PASS
Band4	20	20175	50	#Max	QPSK	22.12	-0.96	21.16	30.00	PASS
Band4	20	20175	100	#0	QPSK	22.24	-0.96	21.28	30.00	PASS
Band4	20	20175	1	#0	QAM16	22.29	-0.96	21.33	30.00	PASS
Band4	20	20175	1	#Mid	QAM16	22.48	-0.96	21.52	30.00	PASS
Band4	20	20175	1	#Max	QAM16	22.16	-0.96	21.20	30.00	PASS
Band4	20	20175	50	#0	QAM16	21.26	-0.96	20.30	30.00	PASS
Band4	20	20175	50	#Mid	QAM16	21.25	-0.96	20.29	30.00	PASS
Band4	20	20175	50	#Max	QAM16	21.22	-0.96	20.26	30.00	PASS
Band4	20	20175	100	#0	QAM16	21.26	-0.96	20.30	30.00	PASS
Band4	20	20300	1	#0	QPSK	23.09	-0.96	22.13	30.00	PASS
Band4	20	20300	1	#Mid	QPSK	23.36	-0.96	22.40	30.00	PASS
Band4	20	20300	1	#Max	QPSK	23.01	-0.96	22.05	30.00	PASS
Band4	20	20300	50	#0	QPSK	22.22	-0.96	21.26	30.00	PASS
Band4	20	20300	50	#Mid	QPSK	22.22	-0.96	21.26	30.00	PASS
Band4	20	20300	50	#Max	QPSK	22.17	-0.96	21.21	30.00	PASS
Band4	20	20300	100	#0	QPSK	22.17	-0.96	21.21	30.00	PASS
Band4	20	20300	1	#0	QAM16	22.31	-0.96	21.35	30.00	PASS
Band4	20	20300	1	#Mid	QAM16	22.54	-0.96	21.58	30.00	PASS
Band4	20	20300	1	#Max	QAM16	22.30	-0.96	21.34	30.00	PASS
Band4	20	20300	50	#0	QAM16	21.25	-0.96	20.29	30.00	PASS
Band4	20	20300	50	#Mid	QAM16	21.33	-0.96	20.37	30.00	PASS
Band4	20	20300	50	#Max	QAM16	21.22	-0.96	20.26	30.00	PASS
Band4	20	20300	100	#0	QAM16	21.23	-0.96	20.27	30.00	PASS

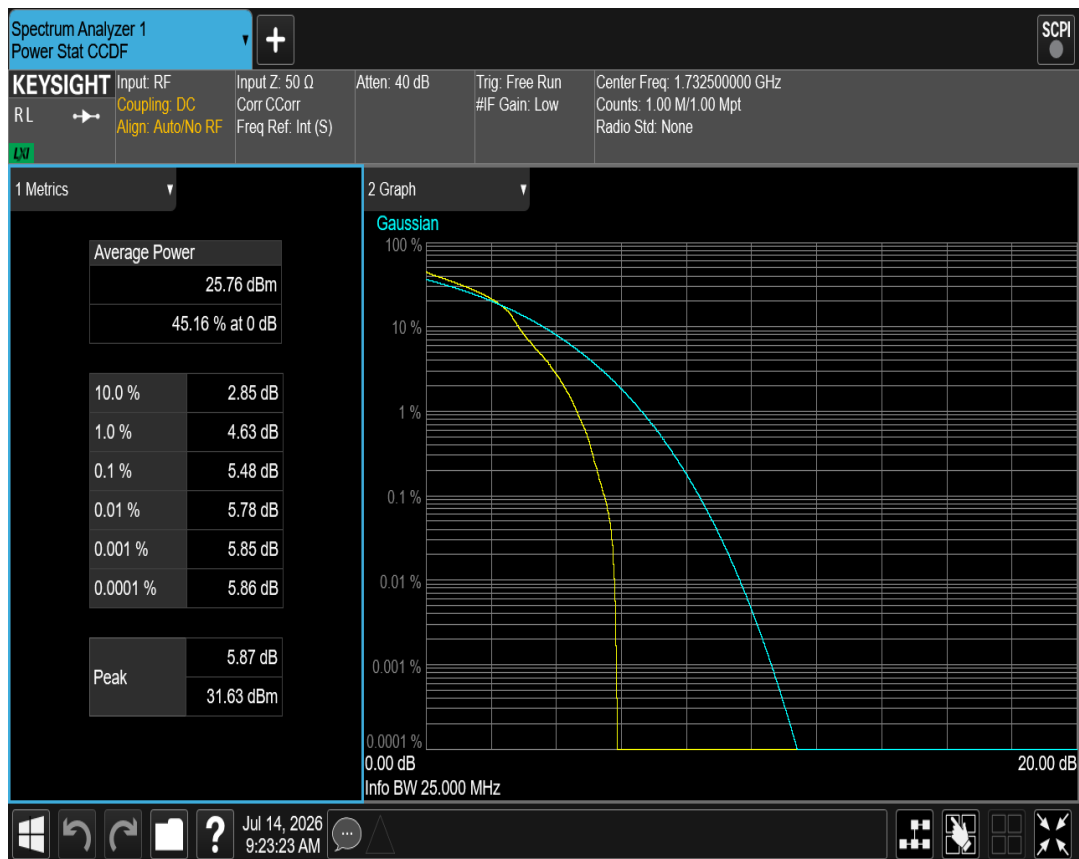
2 Frequency stability

<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	-4.46	-0.003	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	-7.75	-0.005	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	-3.59	-0.002	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	-4.46	-0.003	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	-6.56	-0.004	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	-2.84	-0.002	-2.5	2.5	PASS

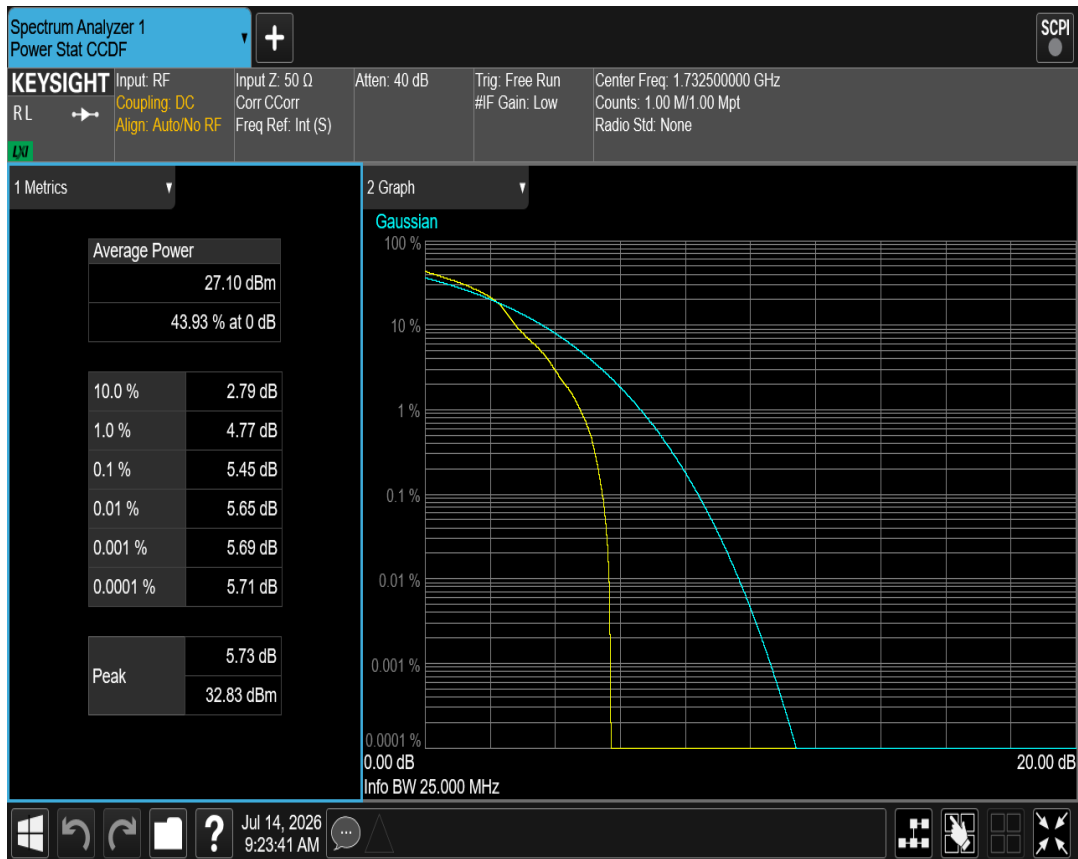
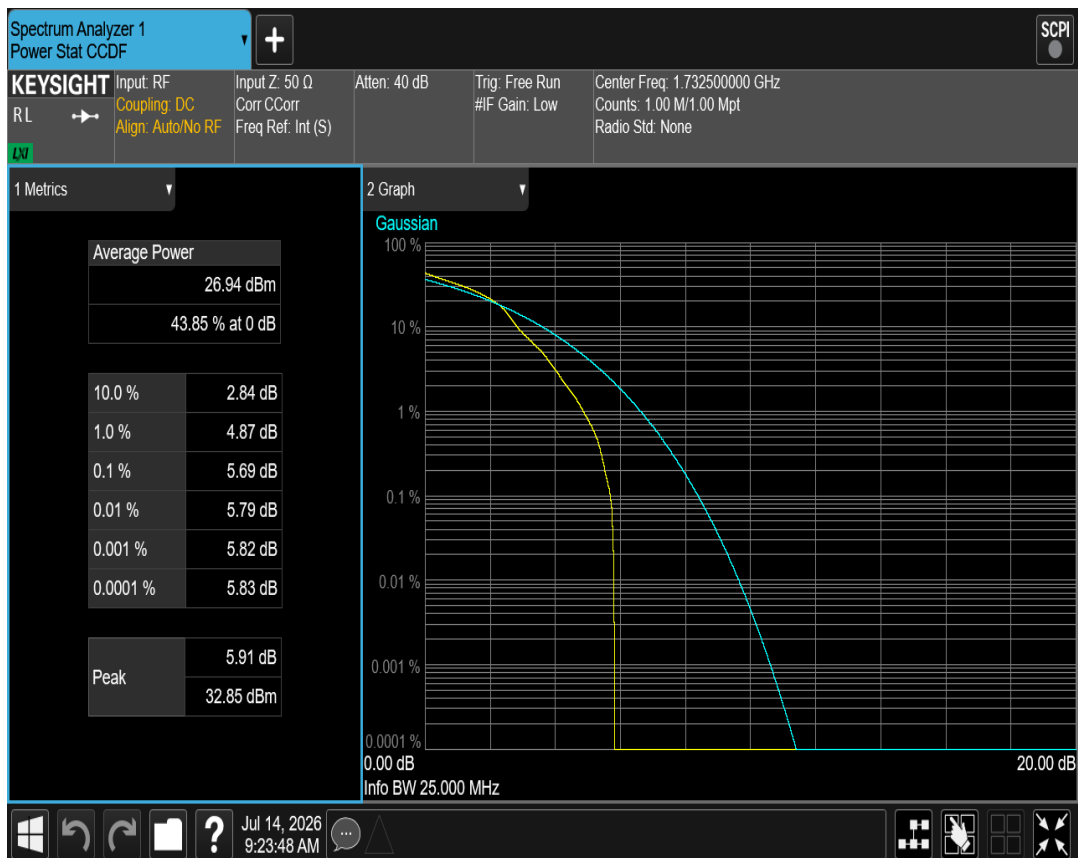
3 Peak-to-Average Ratio

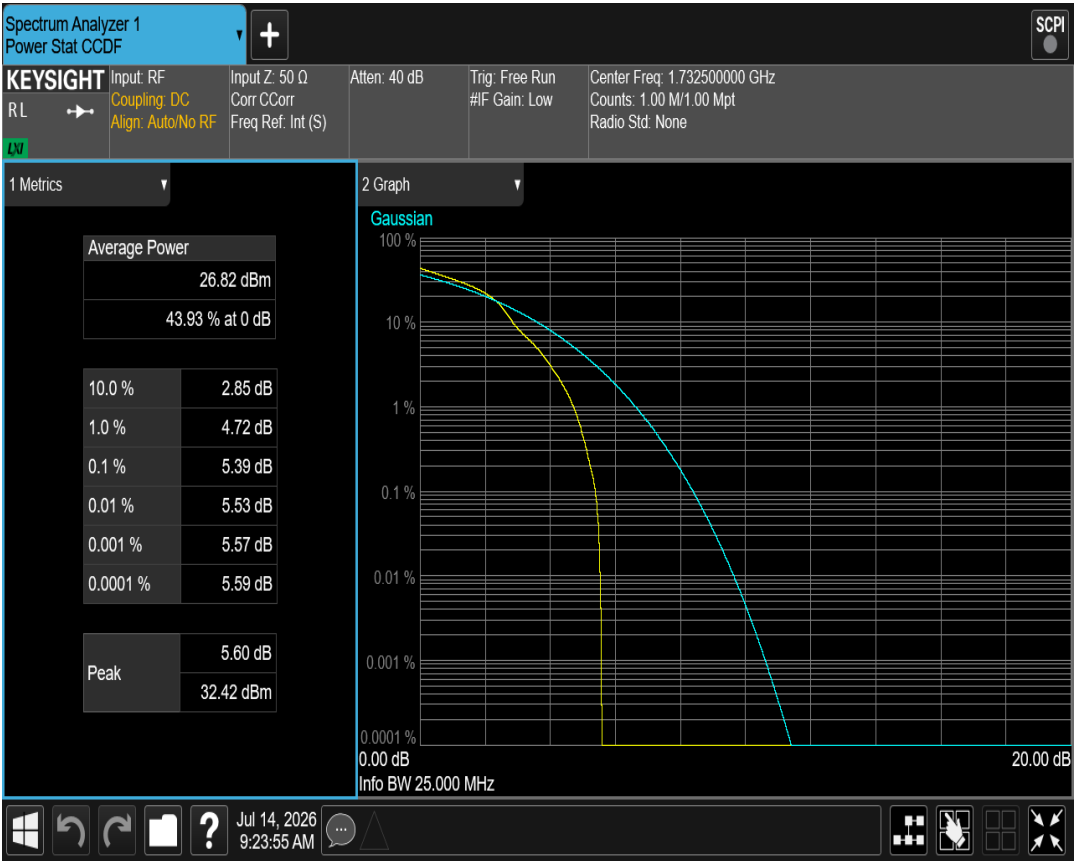
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QPSK	4.59	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.48	13	PASS
Band4	3	20175	1	#0	QPSK	4.61	13	PASS
Band4	3	20175	1	#0	QAM16	5.47	13	PASS
Band4	5	20175	1	#0	QPSK	4.80	13	PASS
Band4	5	20175	1	#0	QAM16	5.37	13	PASS
Band4	10	20175	1	#0	QPSK	4.60	13	PASS
Band4	10	20175	1	#0	QAM16	5.45	13	PASS
Band4	15	20175	1	#0	QPSK	4.69	13	PASS
Band4	15	20175	1	#0	QAM16	5.69	13	PASS
Band4	20	20175	1	#0	QPSK	4.77	13	PASS
Band4	20	20175	1	#0	QAM16	5.39	13	PASS

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

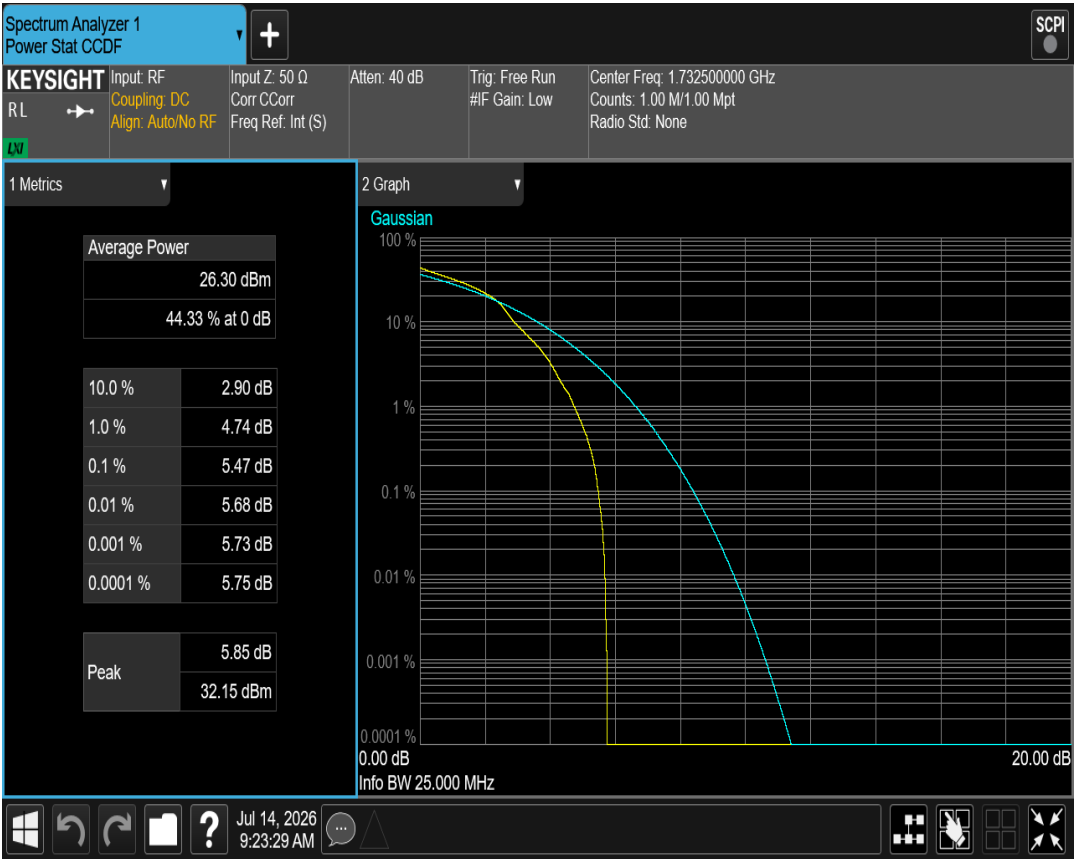


Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0

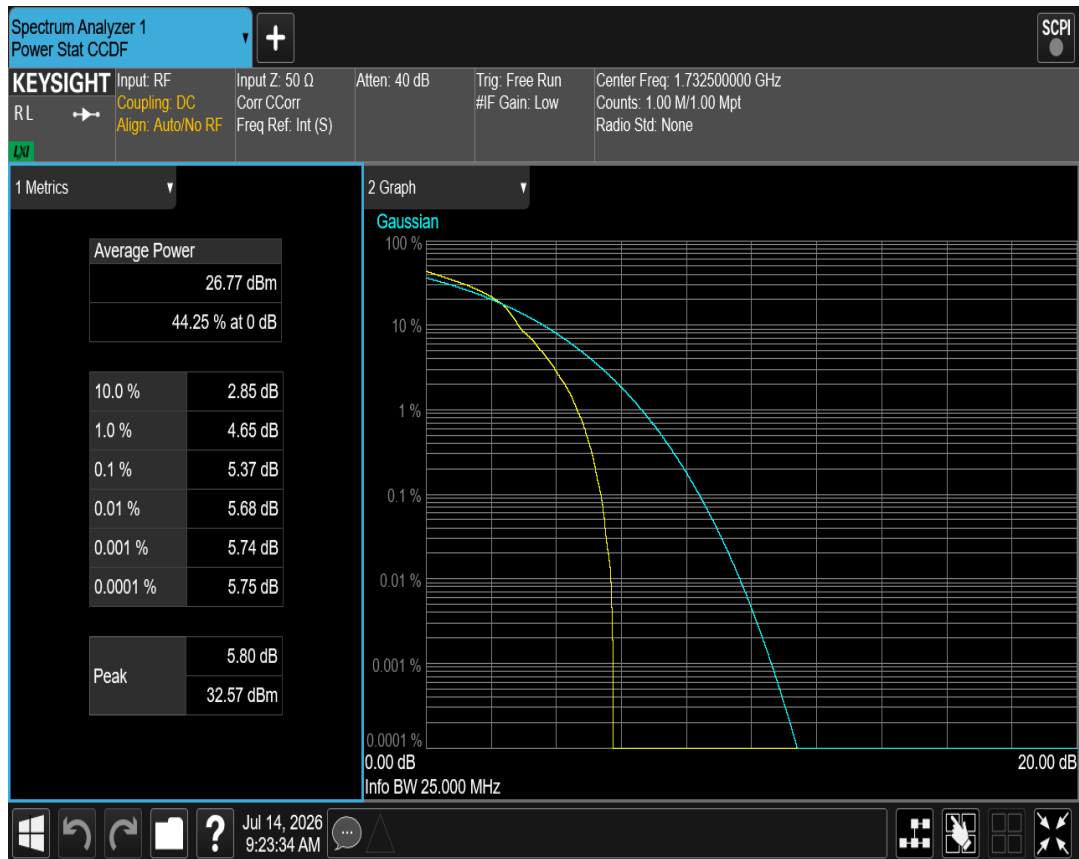
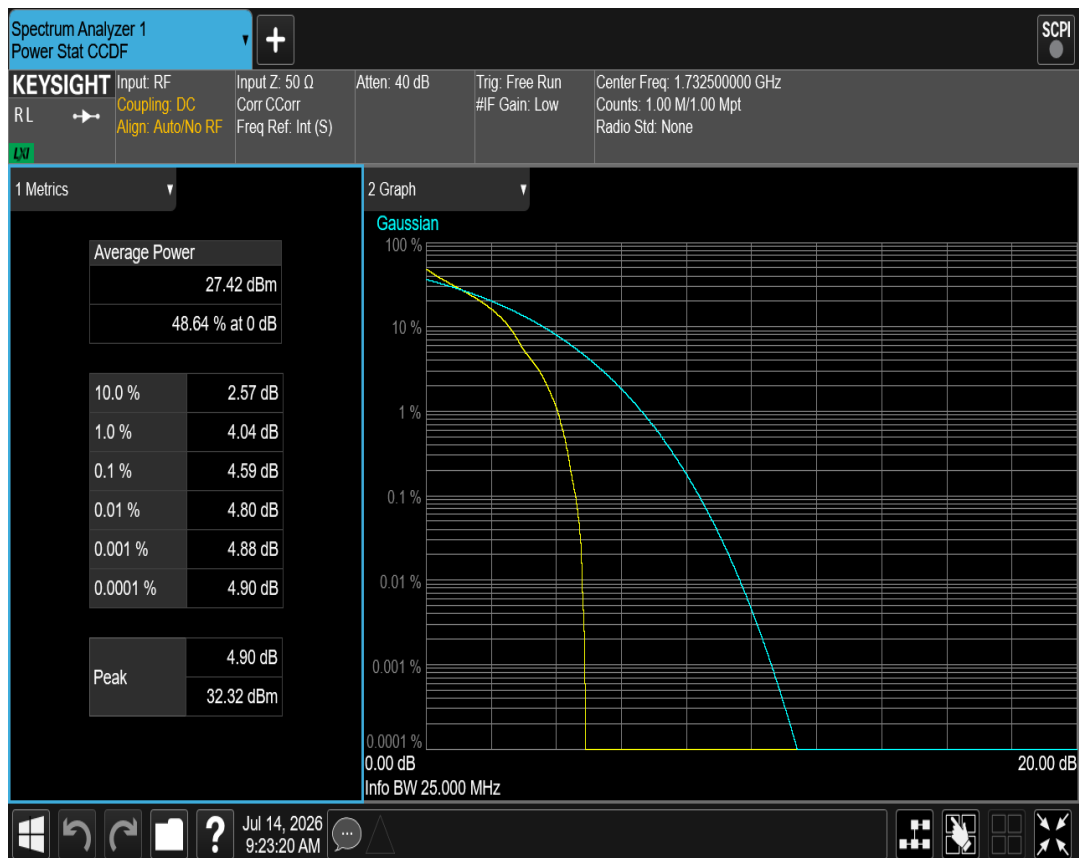
**Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0****Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0**

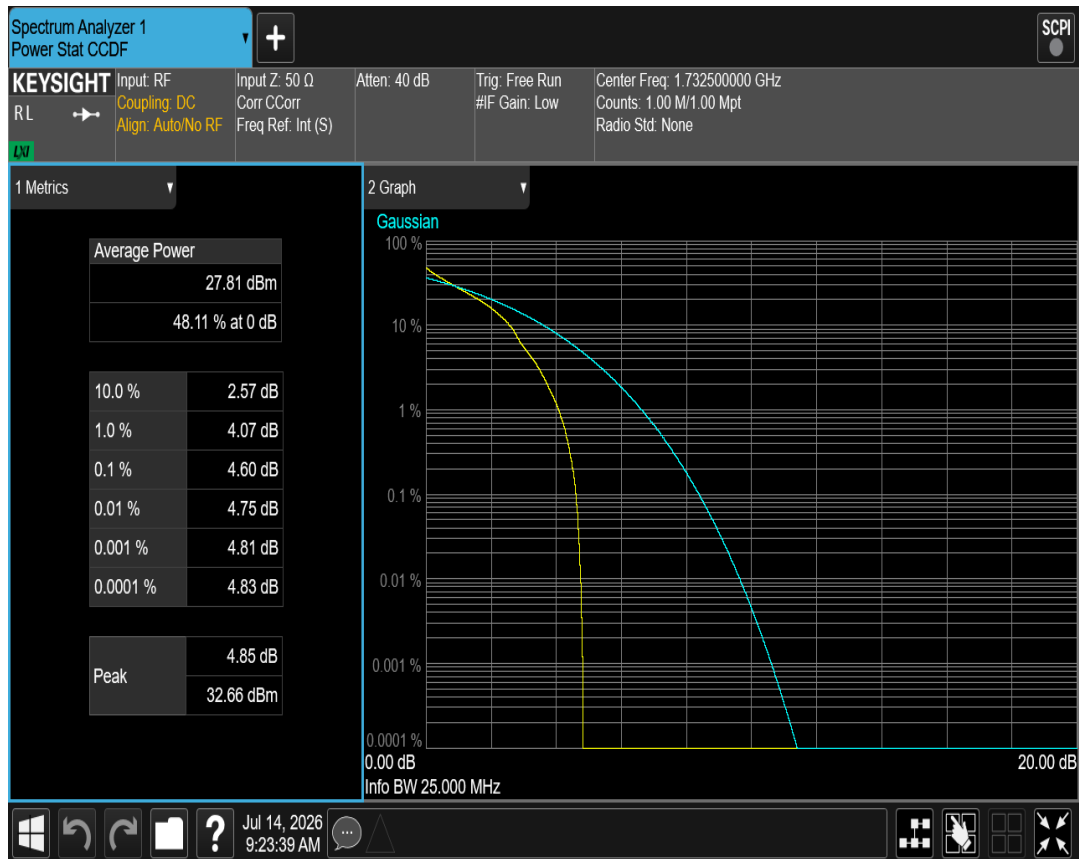
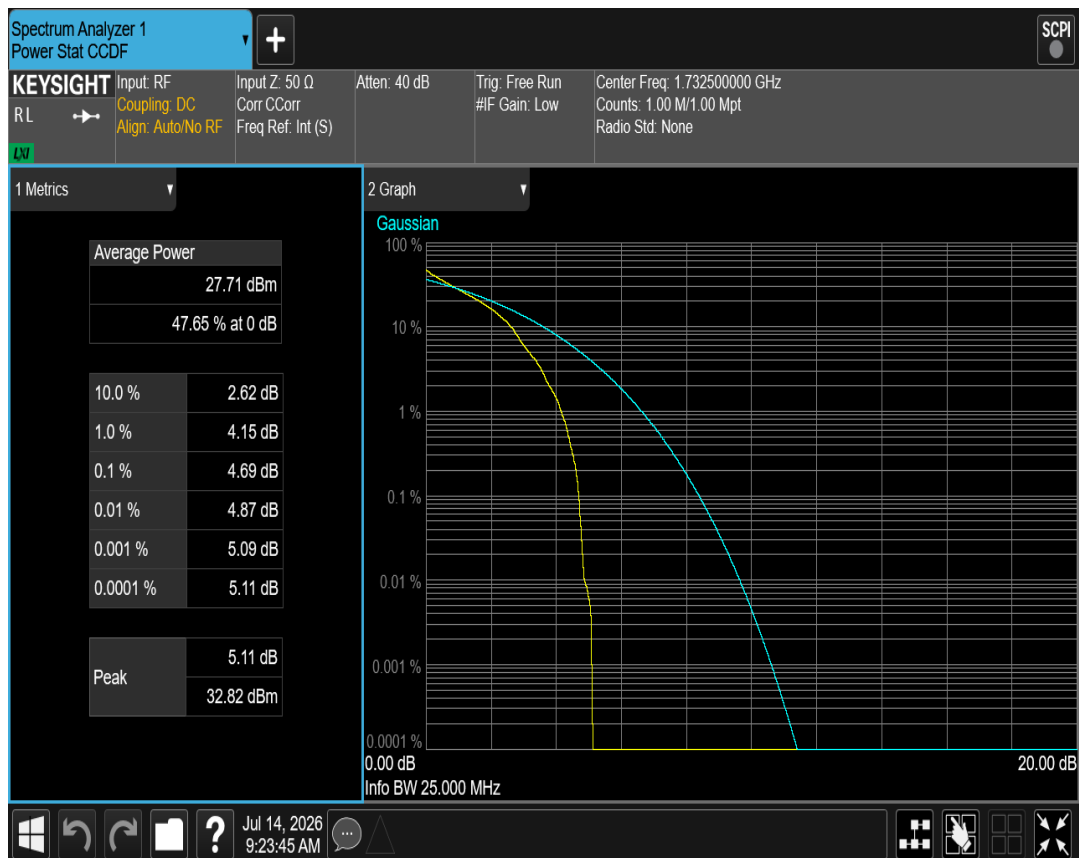


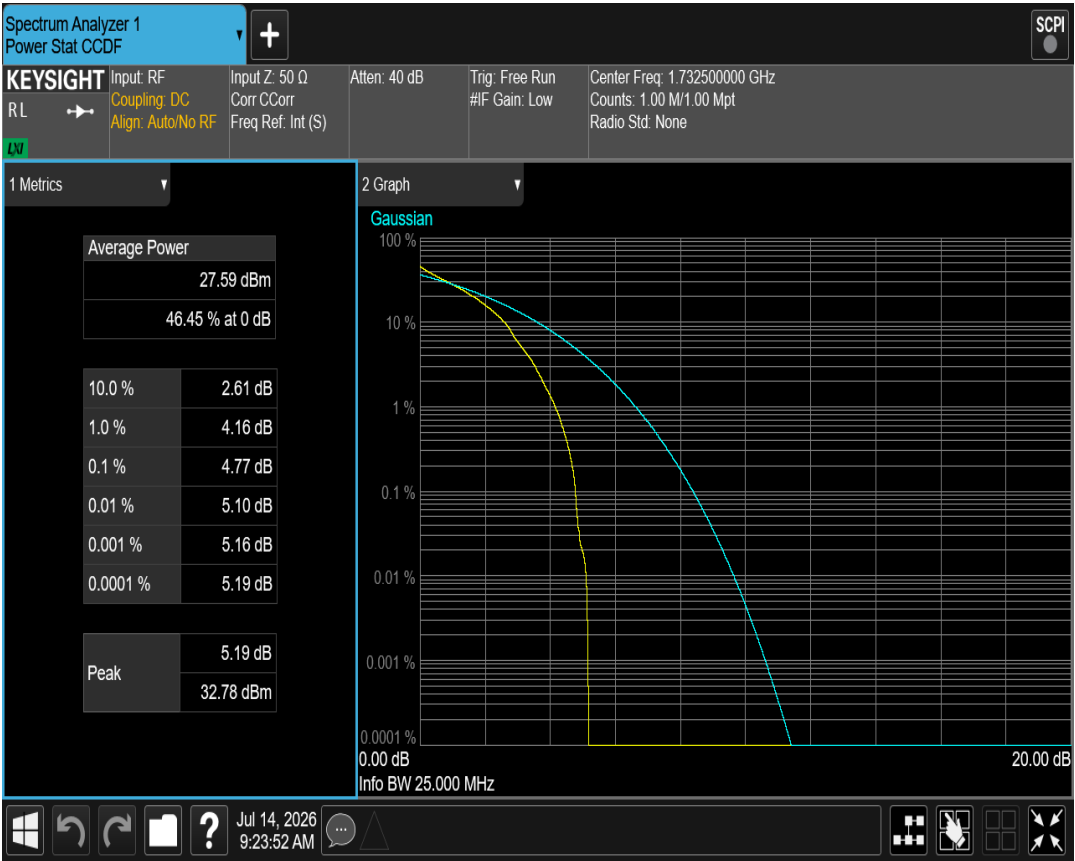
Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



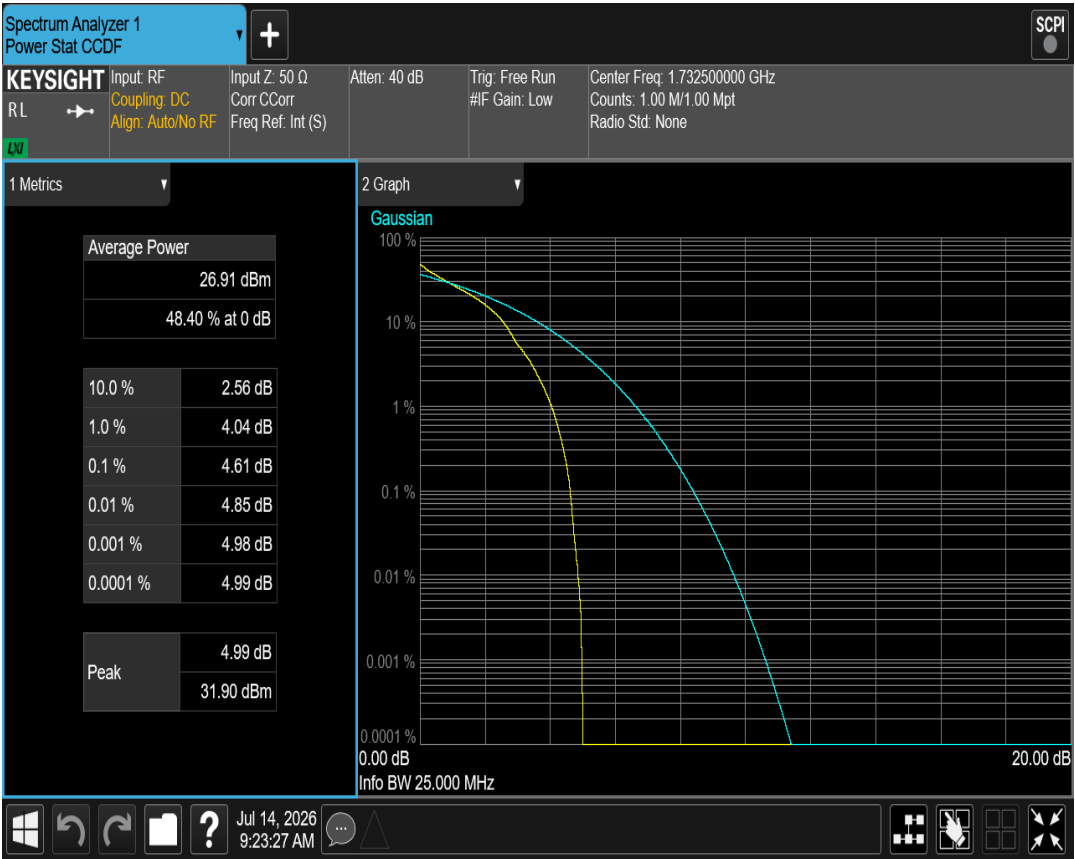
Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0

**Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0****Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0**

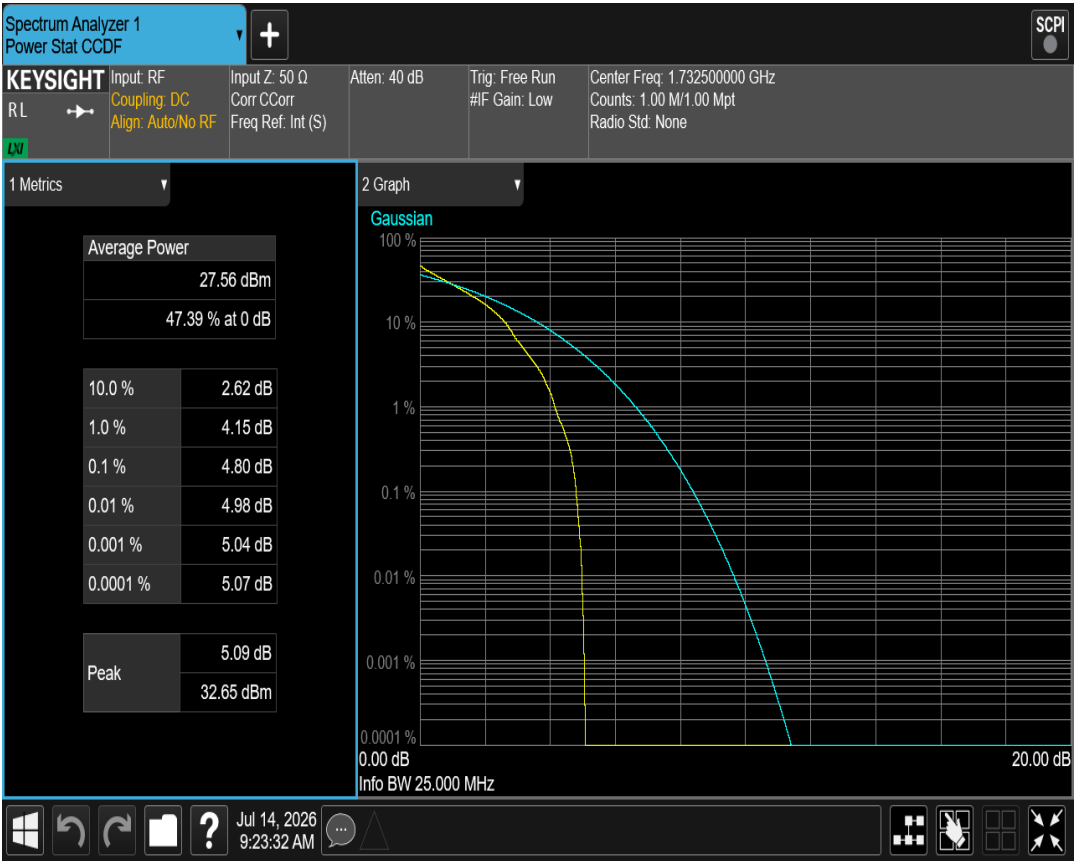
**Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0****Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0**



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



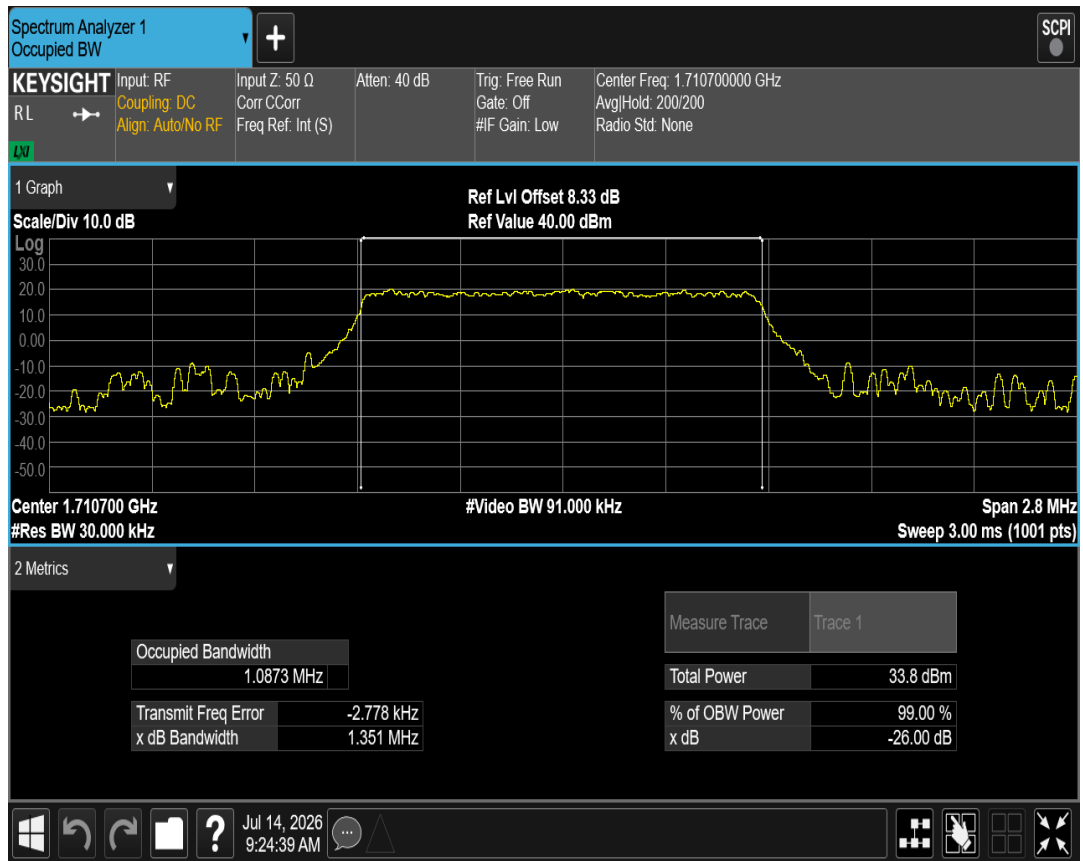
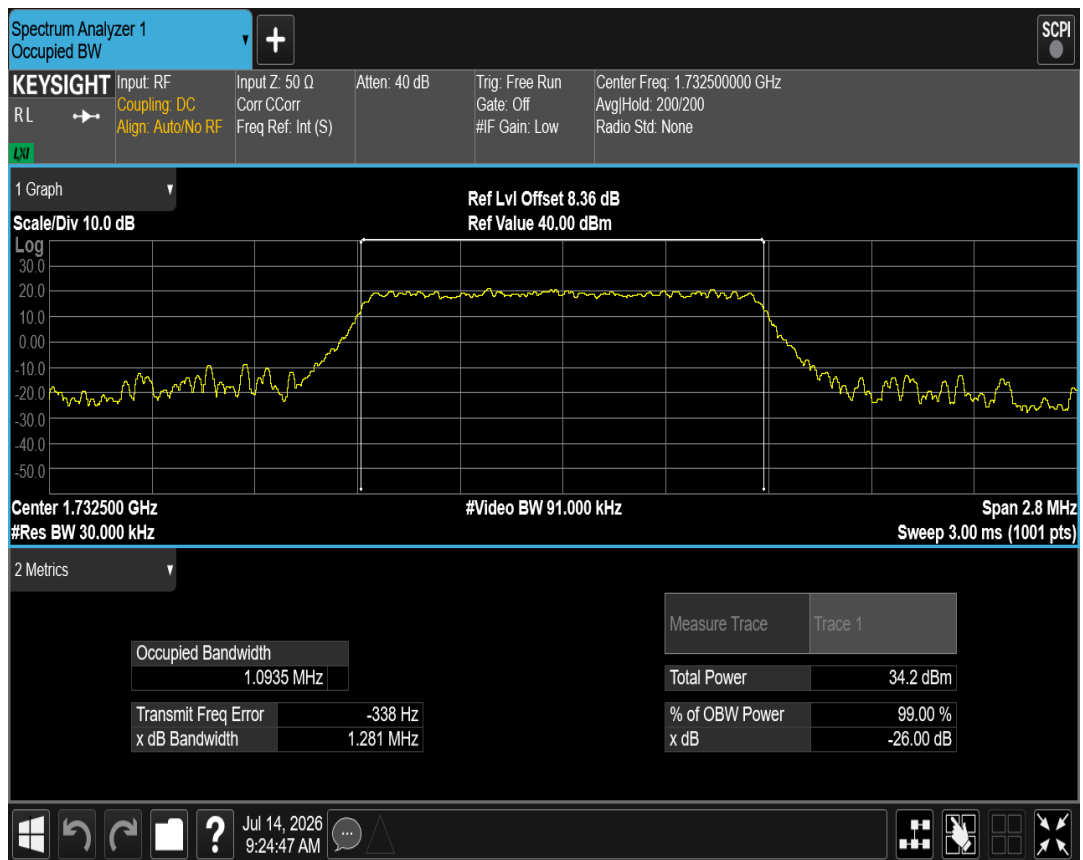
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0

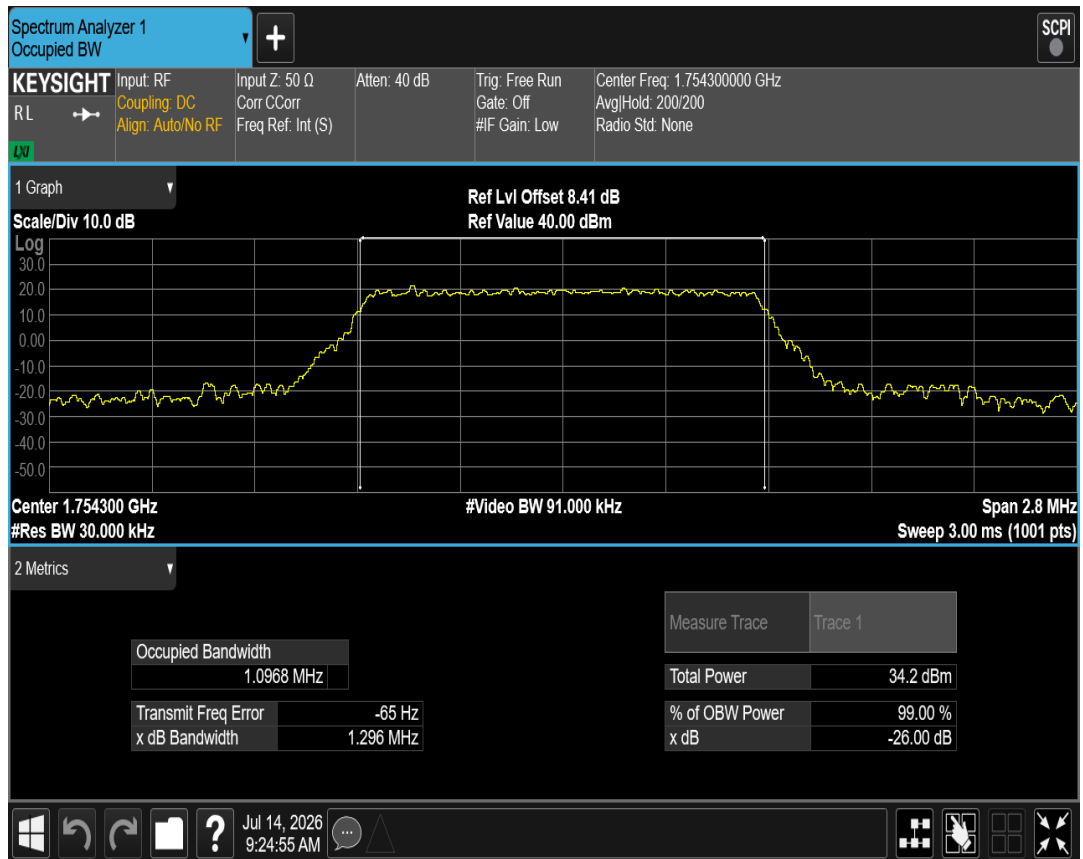


4 Occupied bandwidth

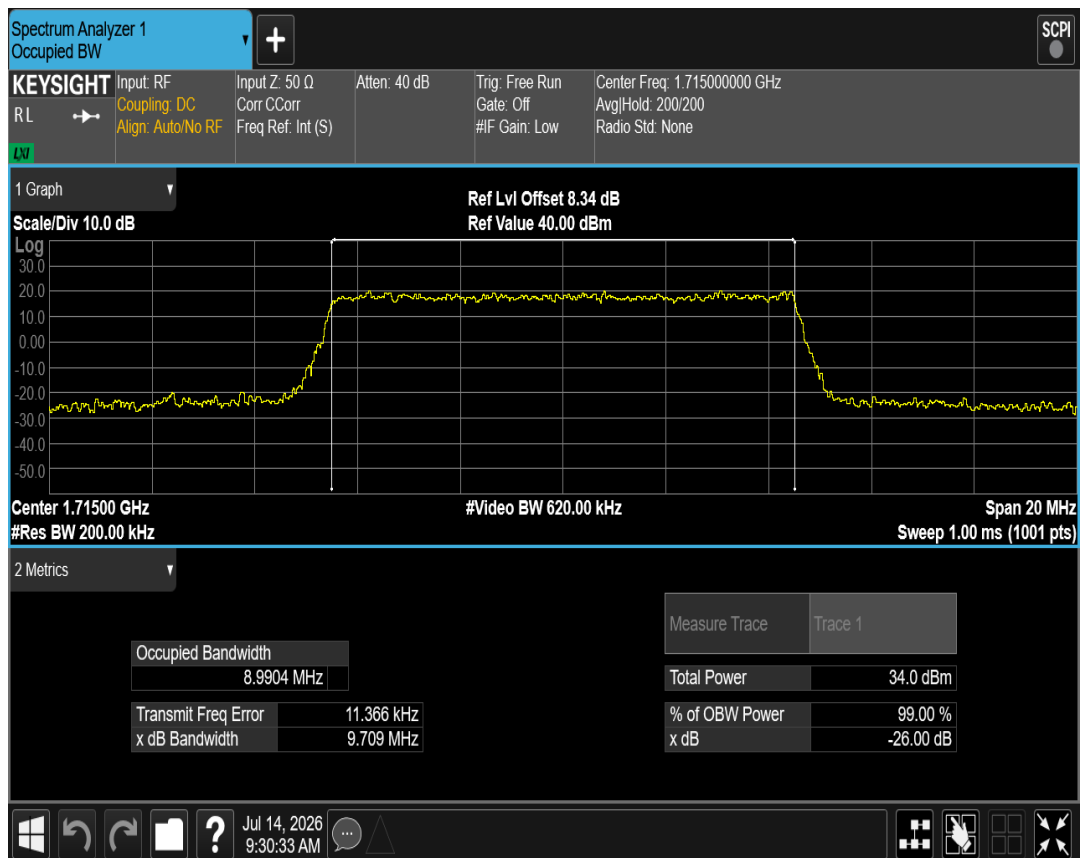
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.093	1.301	PASS
Band4	1.4	19957	6	#0	QAM16	1.087	1.351	PASS
Band4	1.4	20175	6	#0	QPSK	1.100	1.285	PASS
Band4	1.4	20175	6	#0	QAM16	1.093	1.281	PASS
Band4	1.4	20393	6	#0	QPSK	1.090	1.290	PASS
Band4	1.4	20393	6	#0	QAM16	1.097	1.296	PASS
Band4	3	19965	15	#0	QPSK	2.692	2.889	PASS
Band4	3	19965	15	#0	QAM16	2.677	2.920	PASS
Band4	3	20175	15	#0	QPSK	2.697	3.017	PASS
Band4	3	20175	15	#0	QAM16	2.684	2.920	PASS
Band4	3	20385	15	#0	QPSK	2.686	2.911	PASS
Band4	3	20385	15	#0	QAM16	2.684	2.911	PASS
Band4	5	19975	25	#0	QPSK	4.510	4.878	PASS
Band4	5	19975	25	#0	QAM16	4.500	4.874	PASS
Band4	5	20175	25	#0	QPSK	4.511	4.868	PASS
Band4	5	20175	25	#0	QAM16	4.507	4.900	PASS
Band4	5	20375	25	#0	QPSK	4.512	4.948	PASS
Band4	5	20375	25	#0	QAM16	4.497	4.863	PASS
Band4	10	20000	50	#0	QPSK	8.981	9.761	PASS
Band4	10	20000	50	#0	QAM16	8.990	9.709	PASS
Band4	10	20175	50	#0	QPSK	8.976	9.696	PASS
Band4	10	20175	50	#0	QAM16	9.012	9.682	PASS
Band4	10	20350	50	#0	QPSK	9.000	9.701	PASS
Band4	10	20350	50	#0	QAM16	8.984	9.680	PASS
Band4	15	20025	75	#0	QPSK	13.479	14.468	PASS
Band4	15	20025	75	#0	QAM16	13.515	14.481	PASS
Band4	15	20175	75	#0	QPSK	13.432	14.479	PASS
Band4	15	20175	75	#0	QAM16	13.438	14.359	PASS
Band4	15	20325	75	#0	QPSK	13.451	14.525	PASS
Band4	15	20325	75	#0	QAM16	13.473	14.499	PASS
Band4	20	20050	100	#0	QPSK	17.981	19.406	PASS
Band4	20	20050	100	#0	QAM16	17.997	19.320	PASS
Band4	20	20175	100	#0	QPSK	17.970	19.266	PASS
Band4	20	20175	100	#0	QAM16	17.942	19.395	PASS
Band4	20	20300	100	#0	QPSK	17.970	19.269	PASS
Band4	20	20300	100	#0	QAM16	17.955	20.337	PASS

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

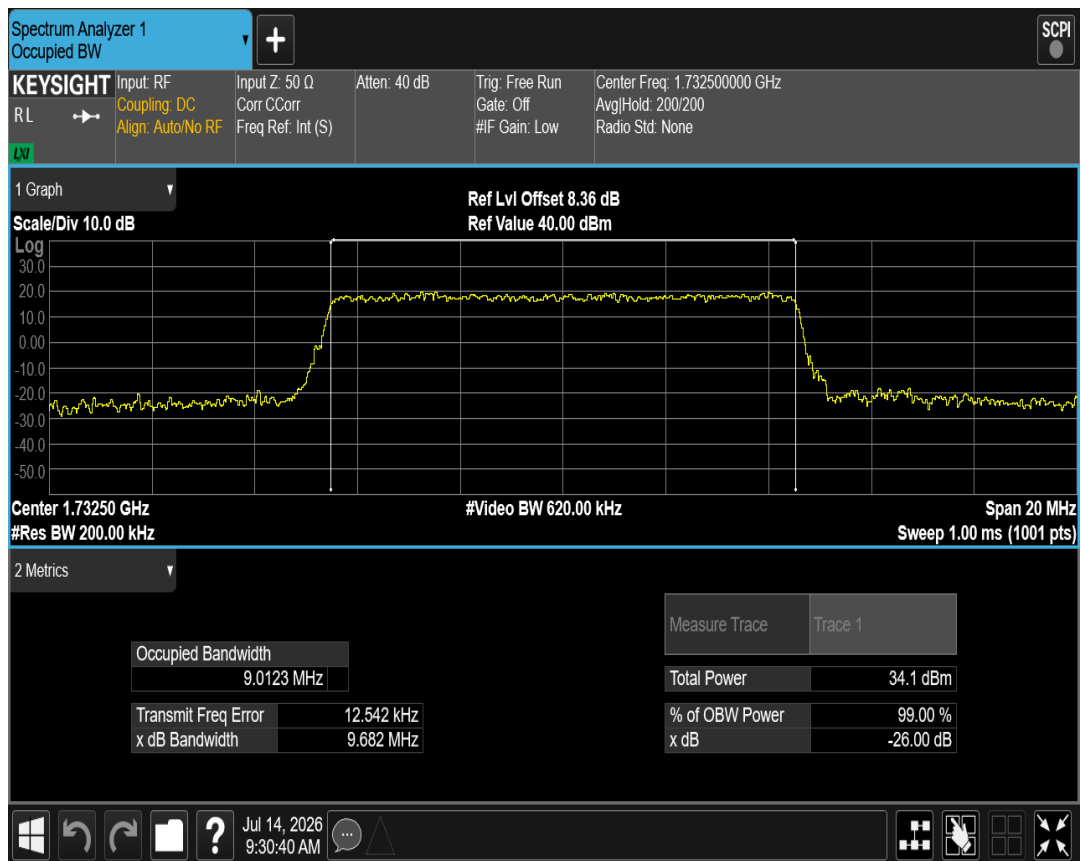
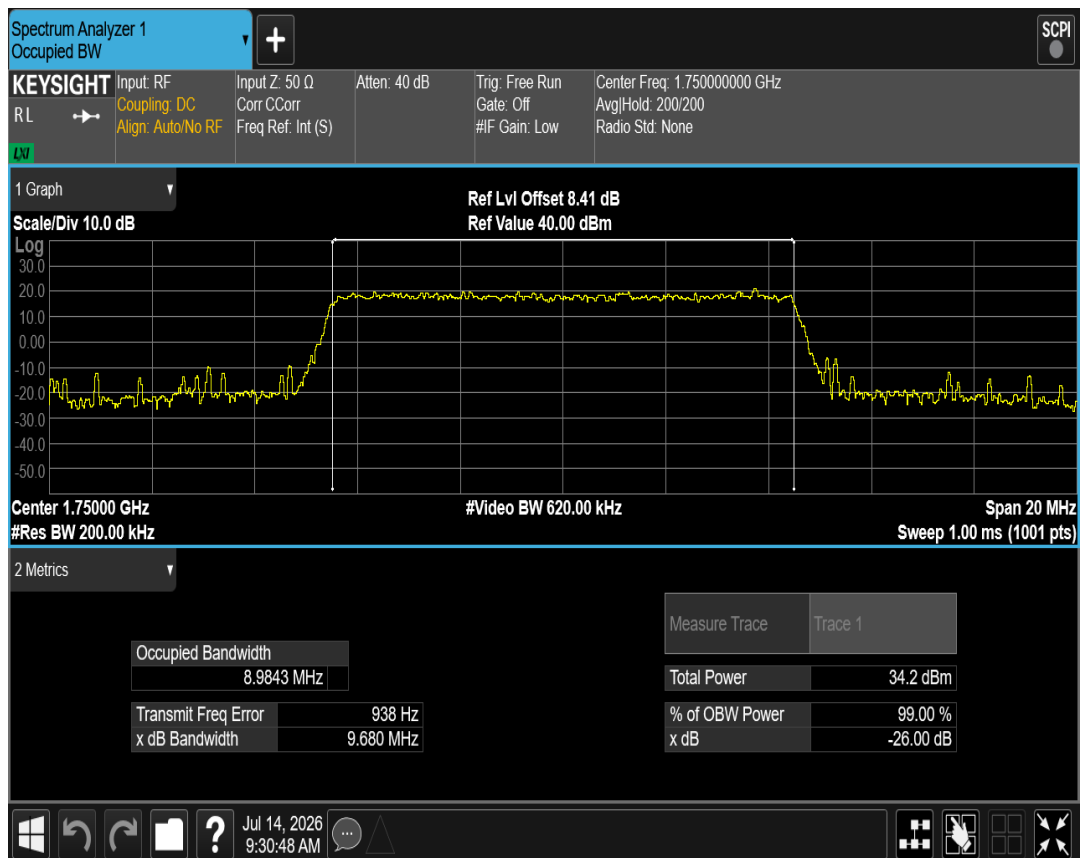
**Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0****Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0**

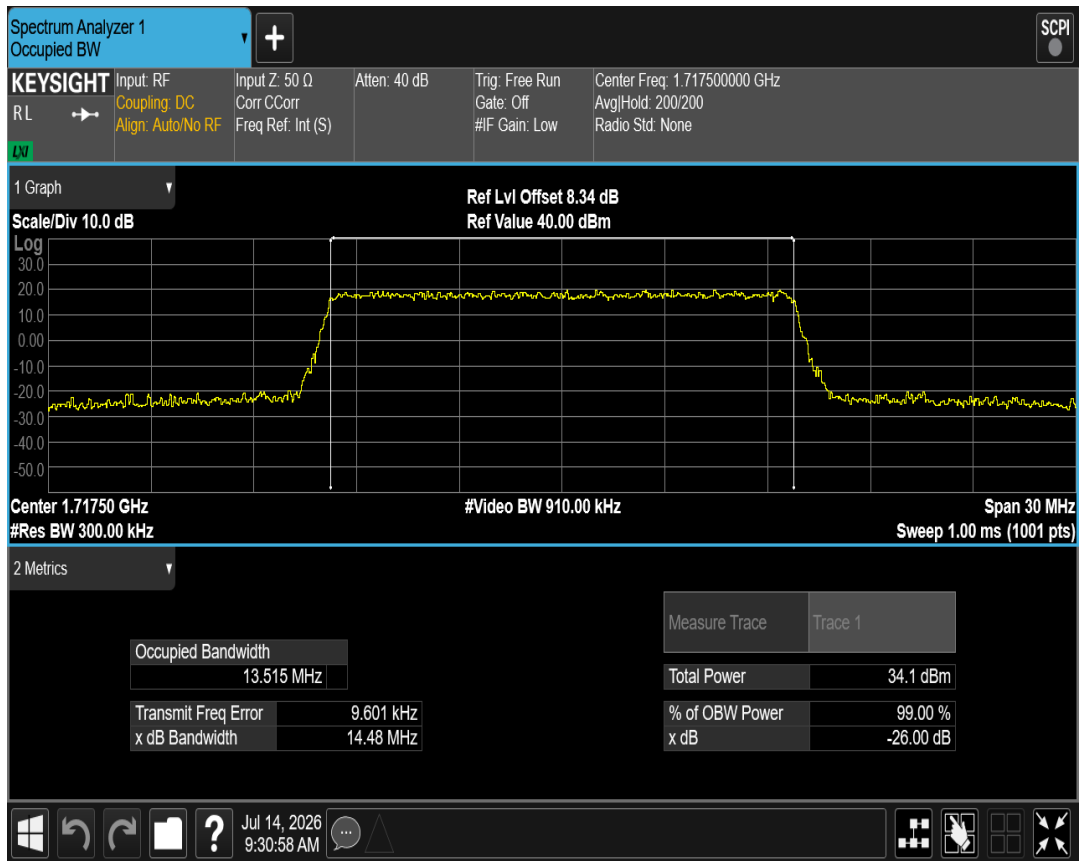


Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0

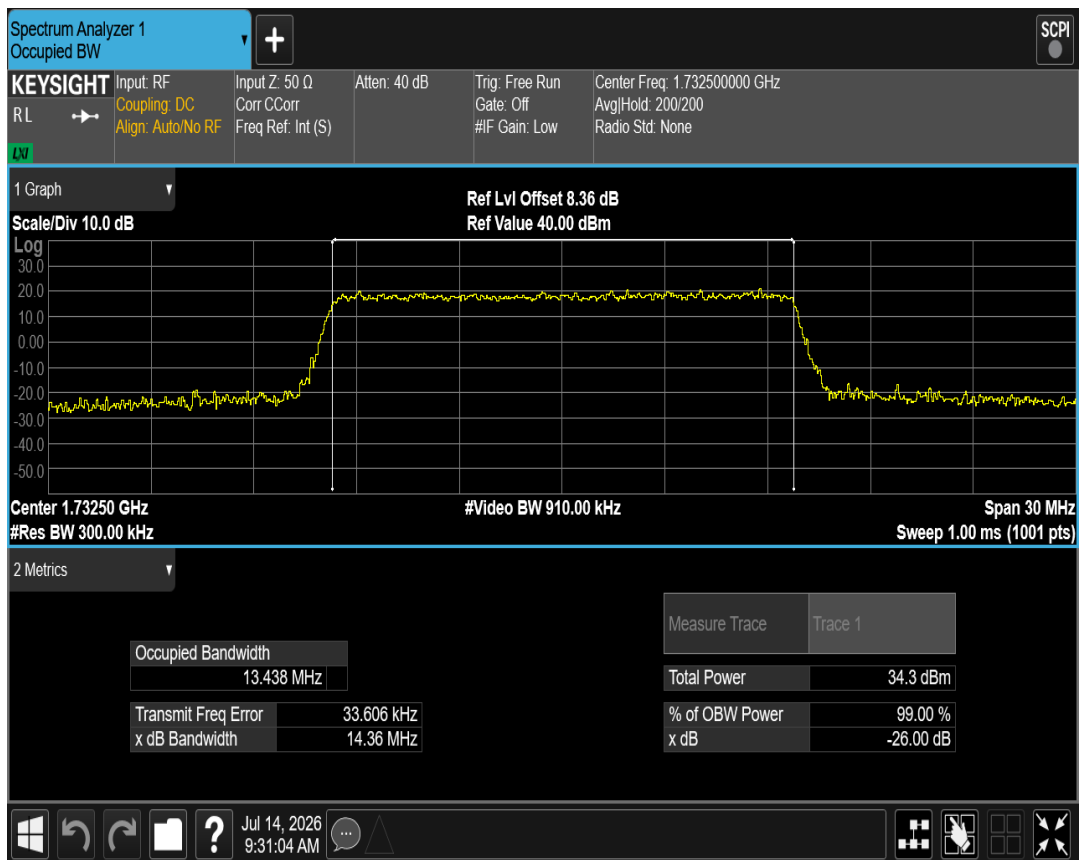


Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0

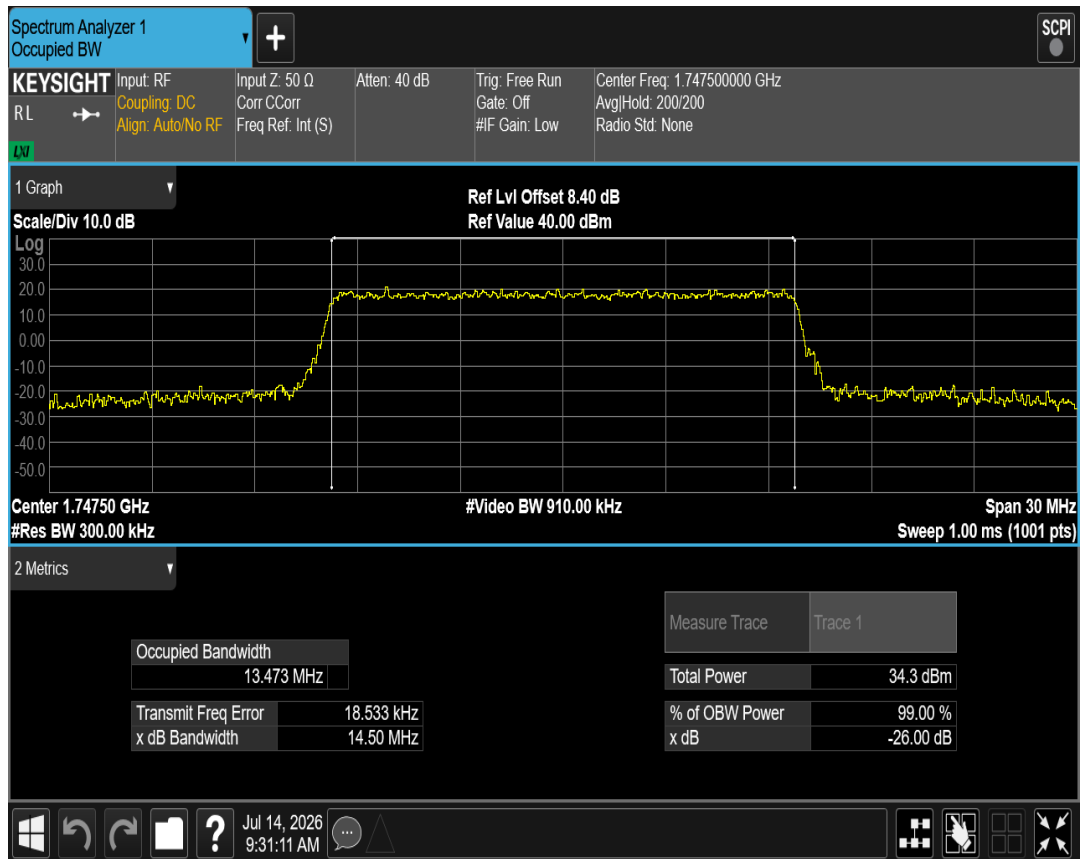
**Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0****Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0**



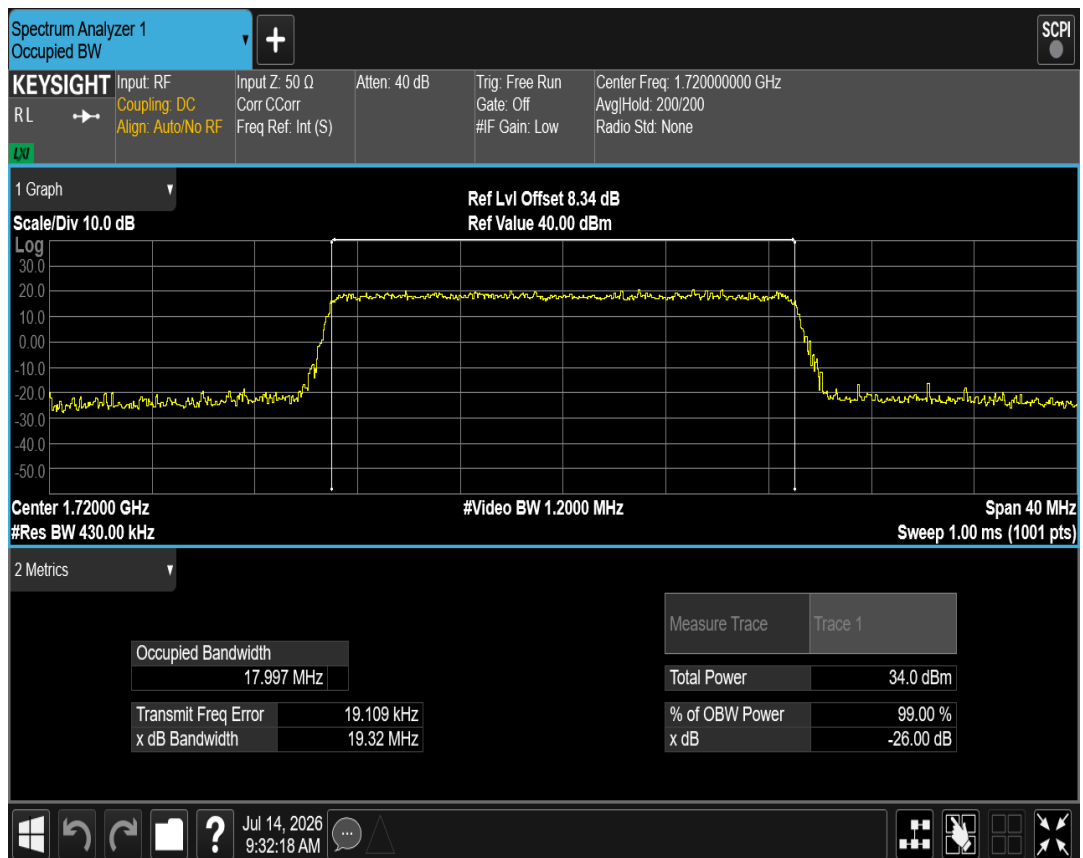
Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0



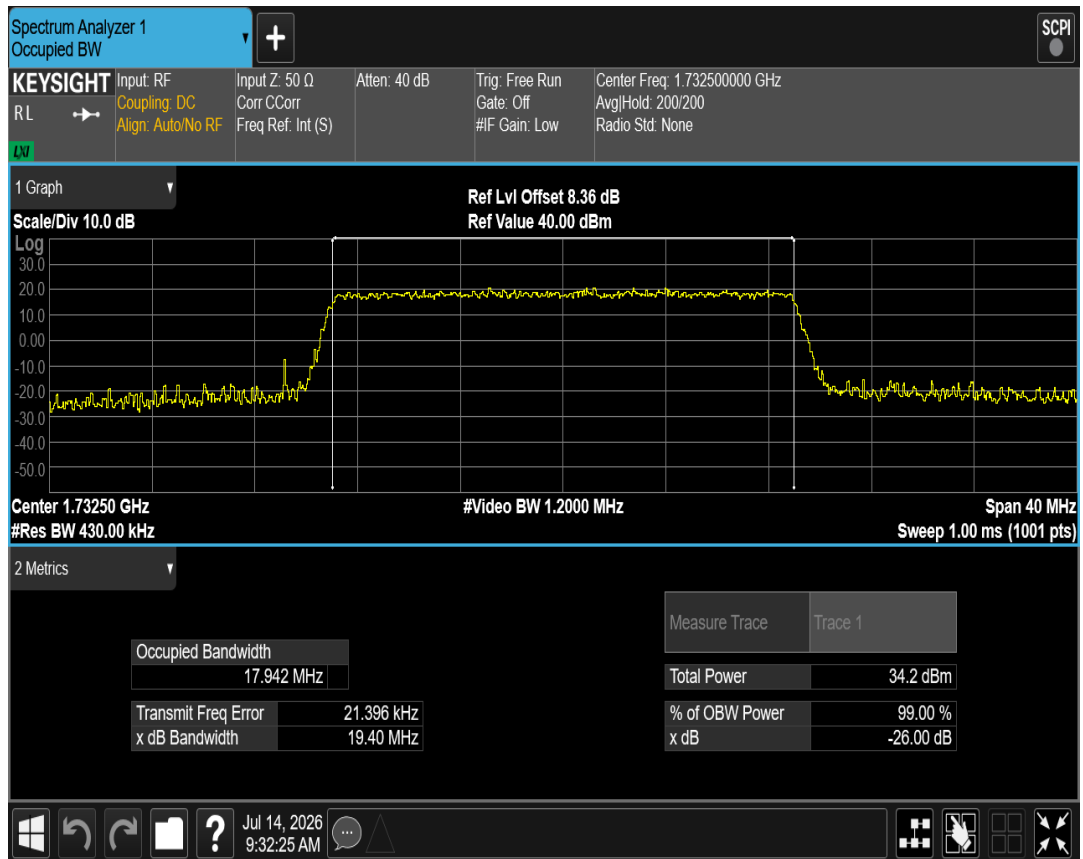
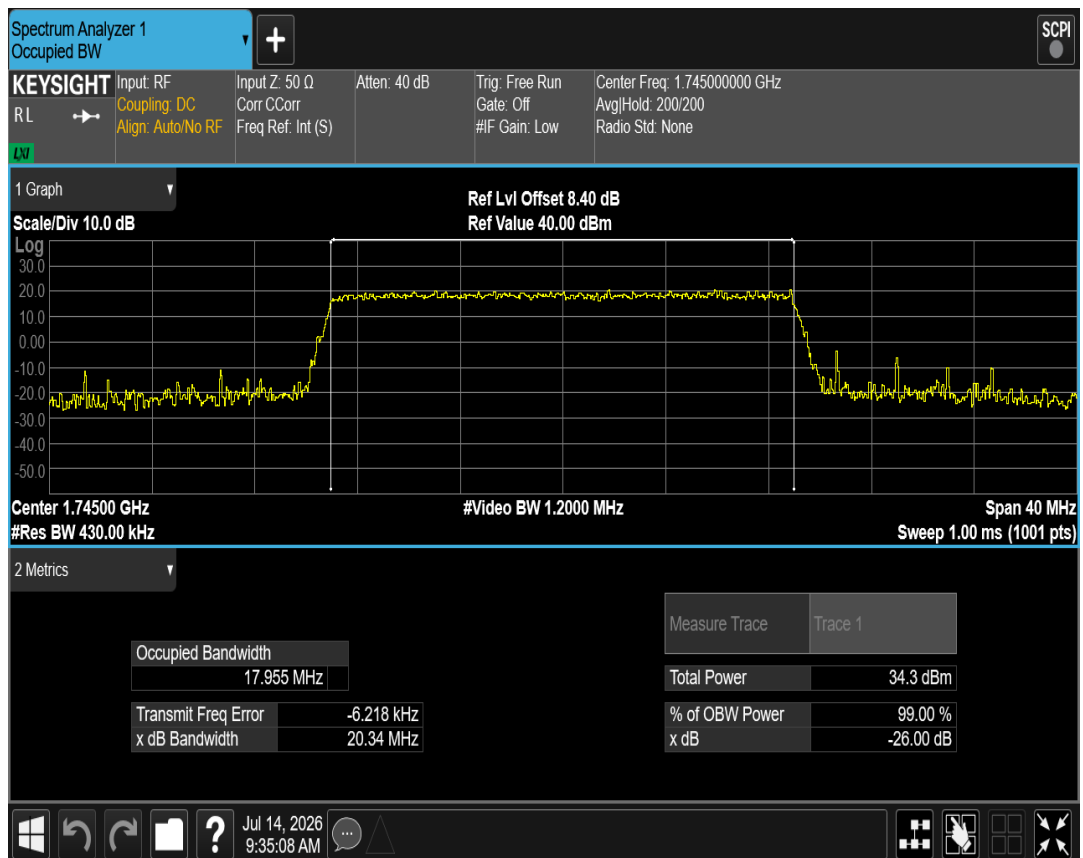
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0

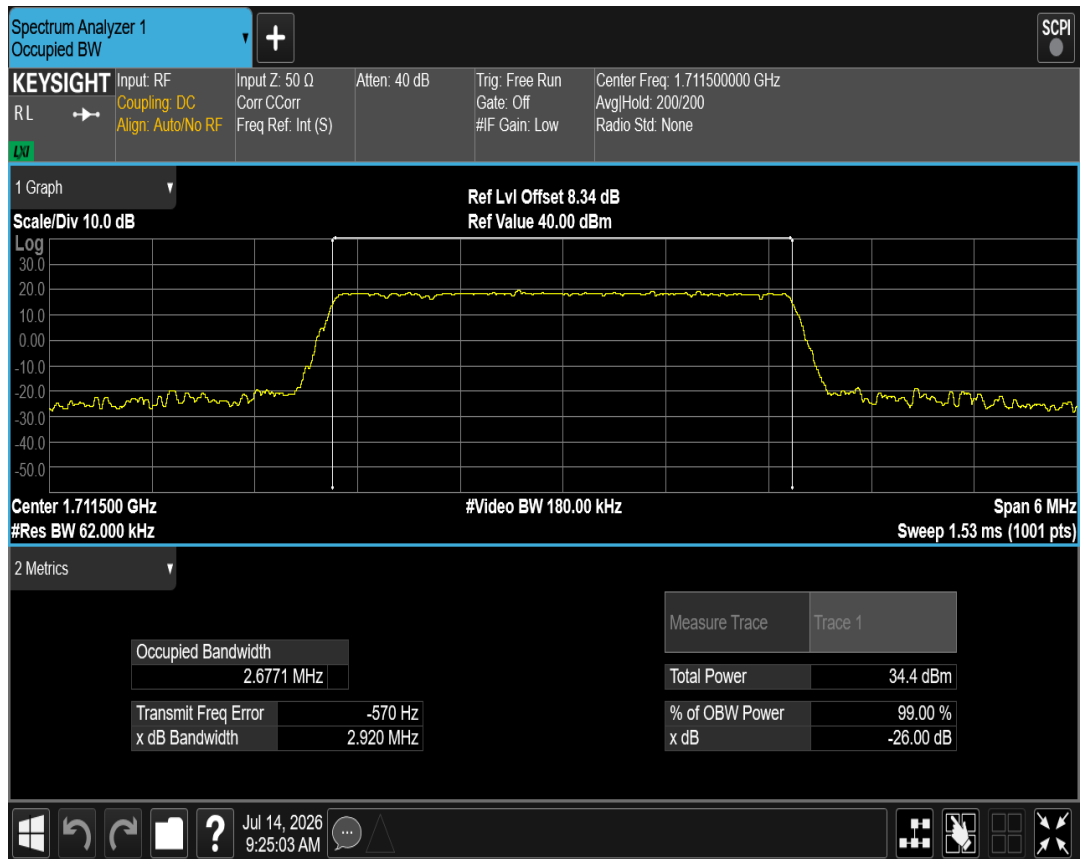


Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0

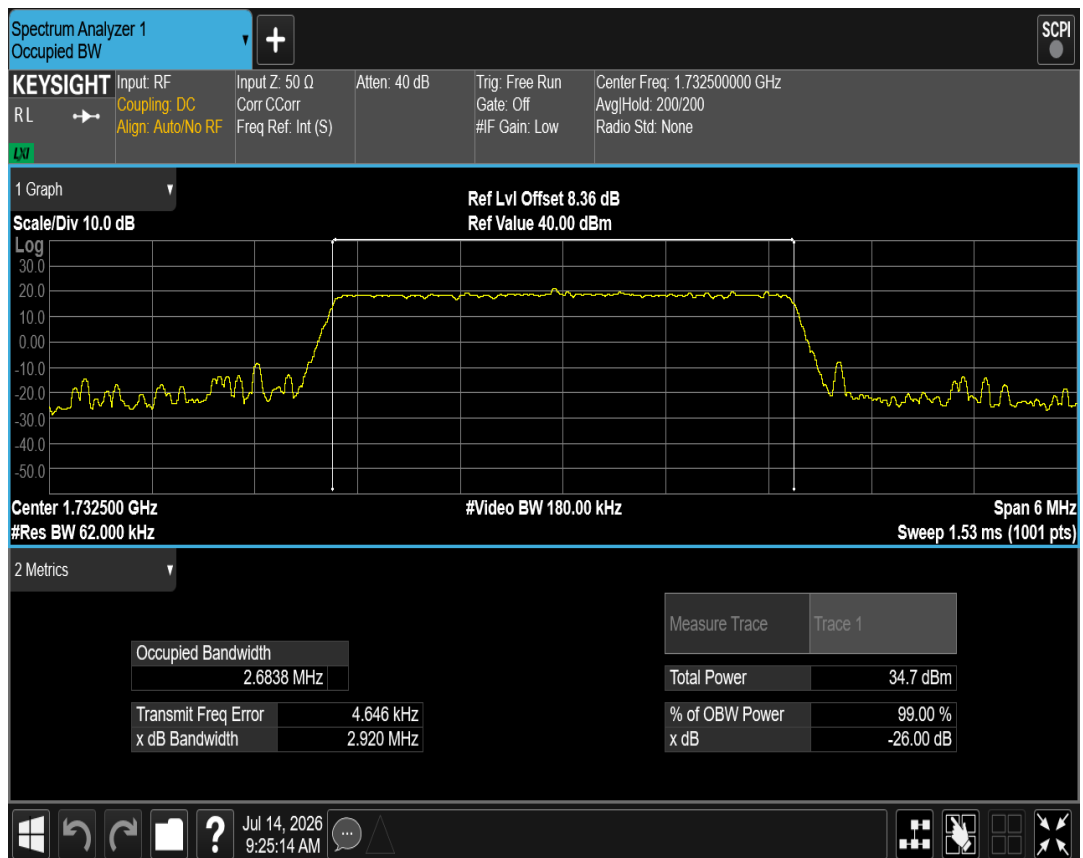


Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0

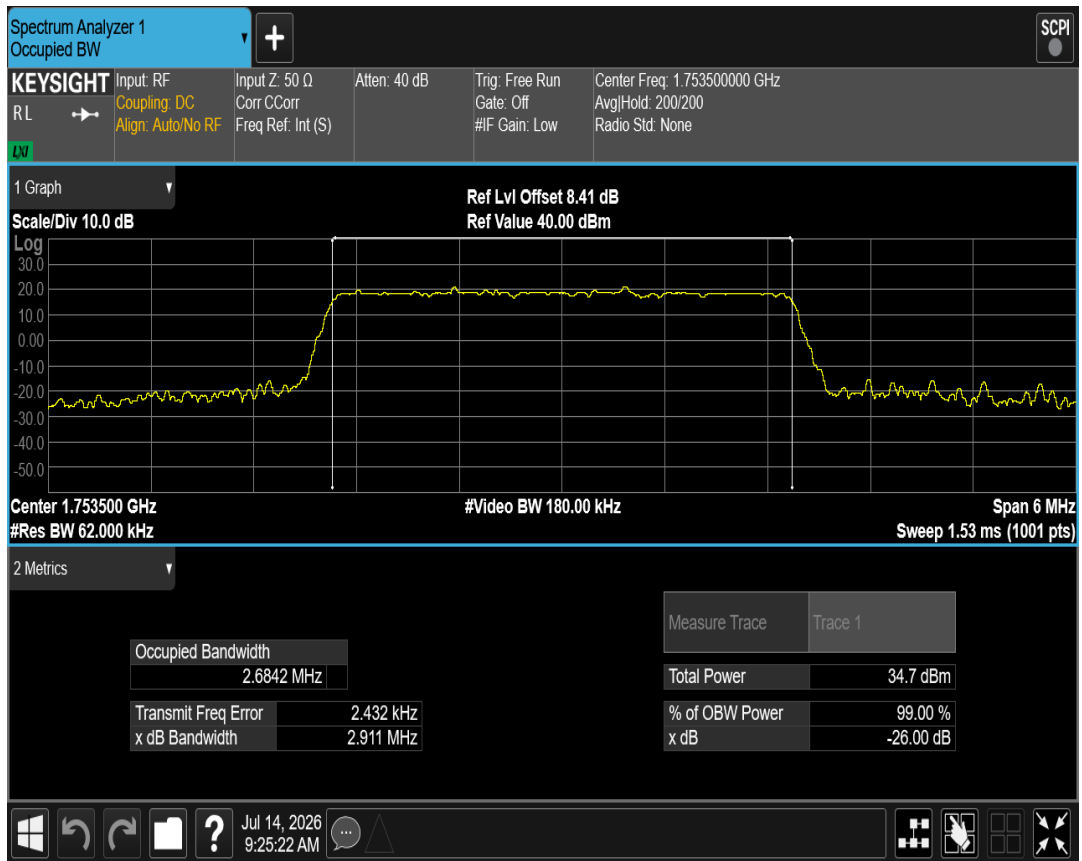
**Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0****Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0**



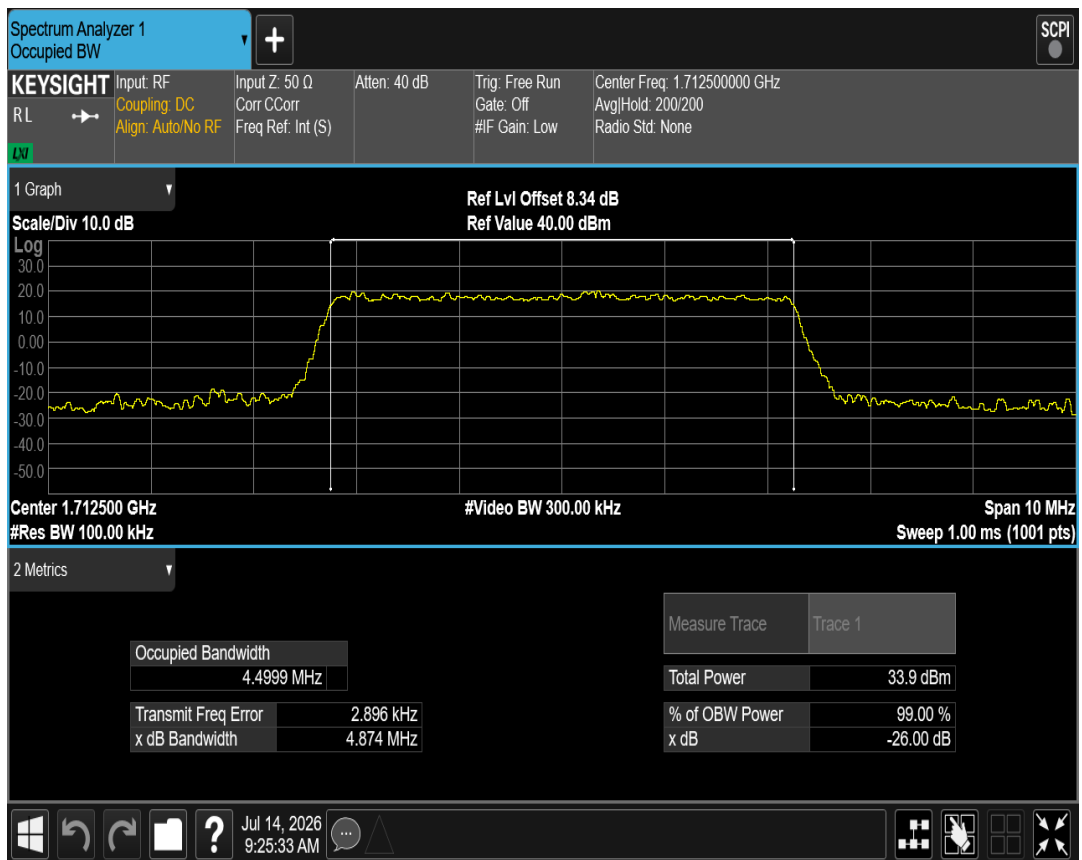
Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



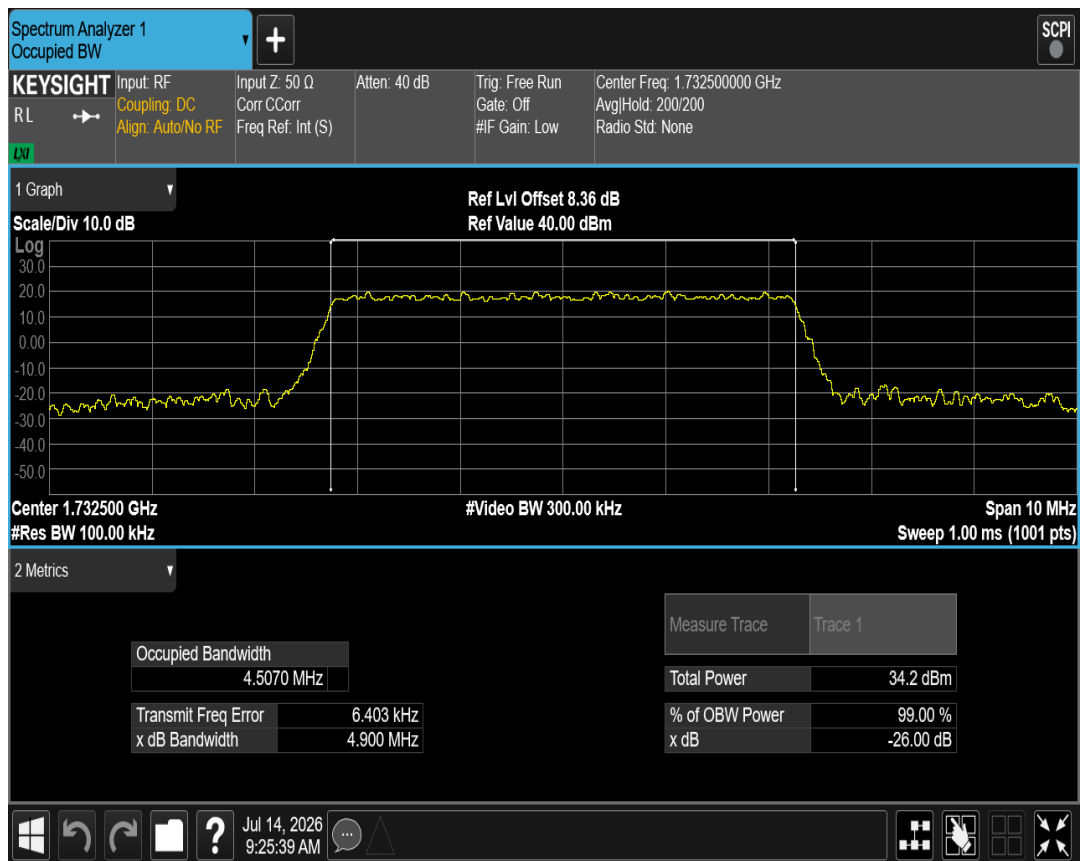
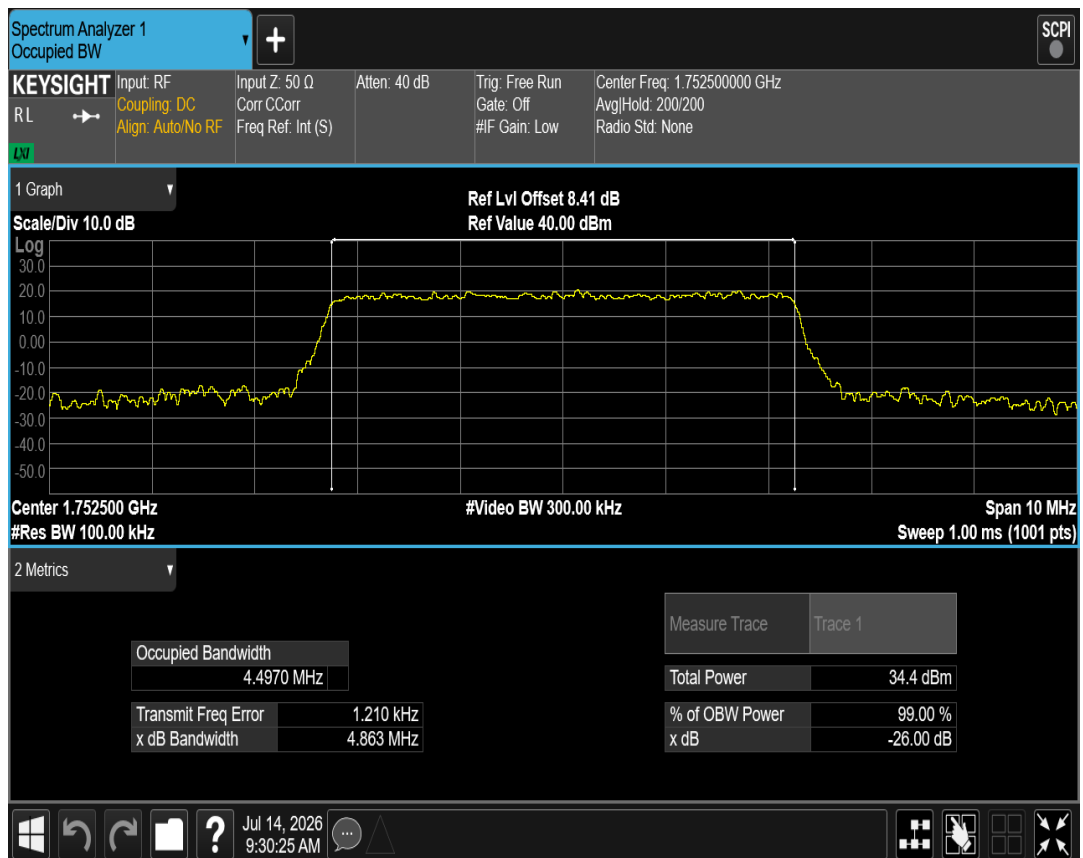
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0

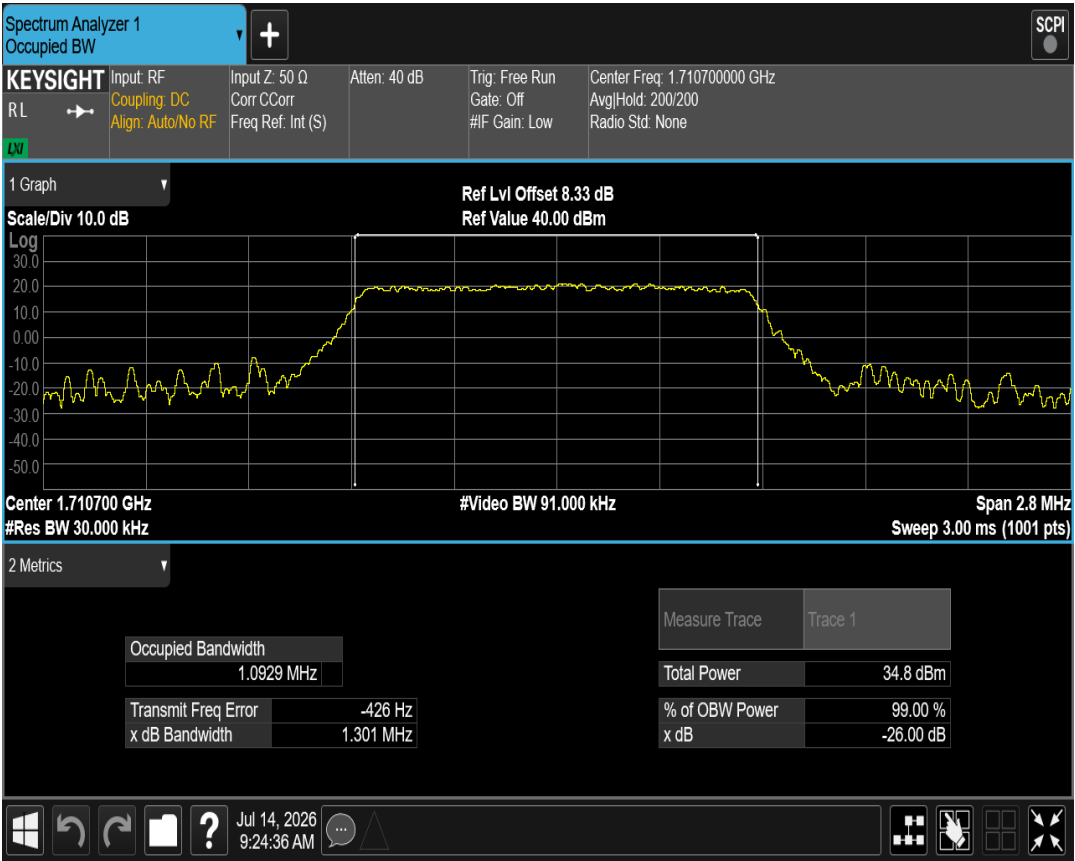


Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0

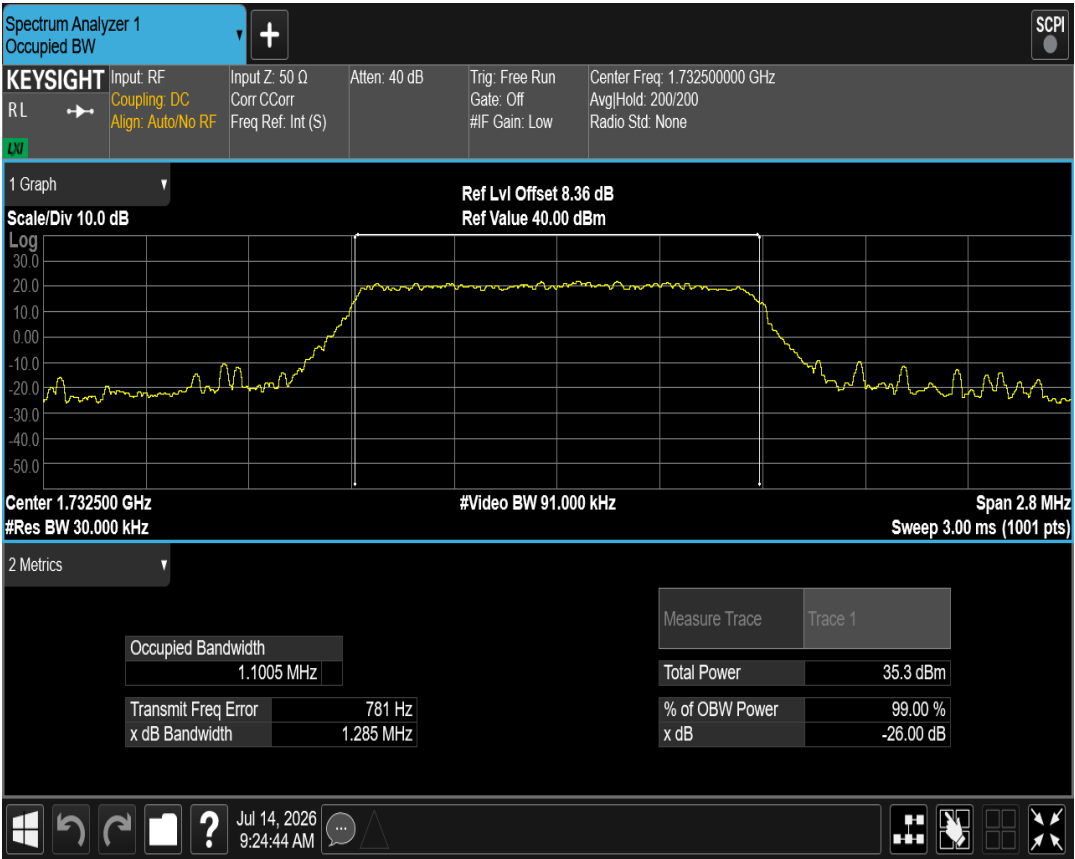


Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0

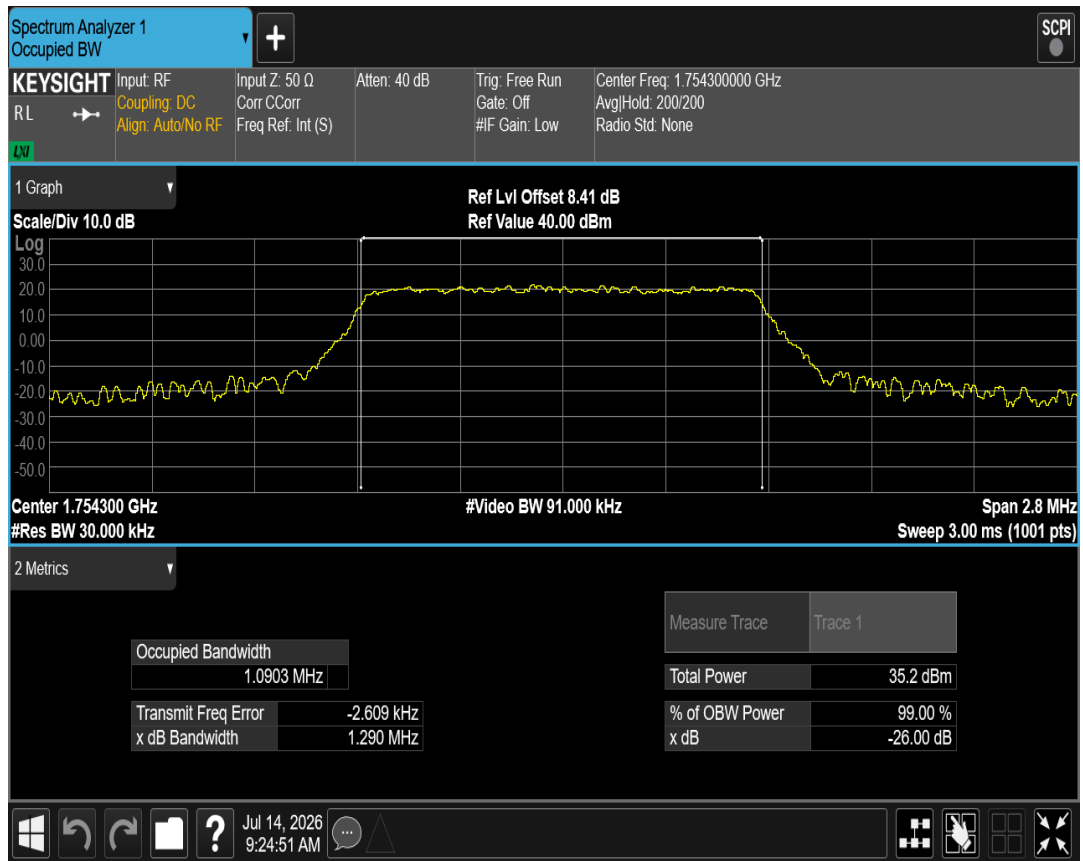
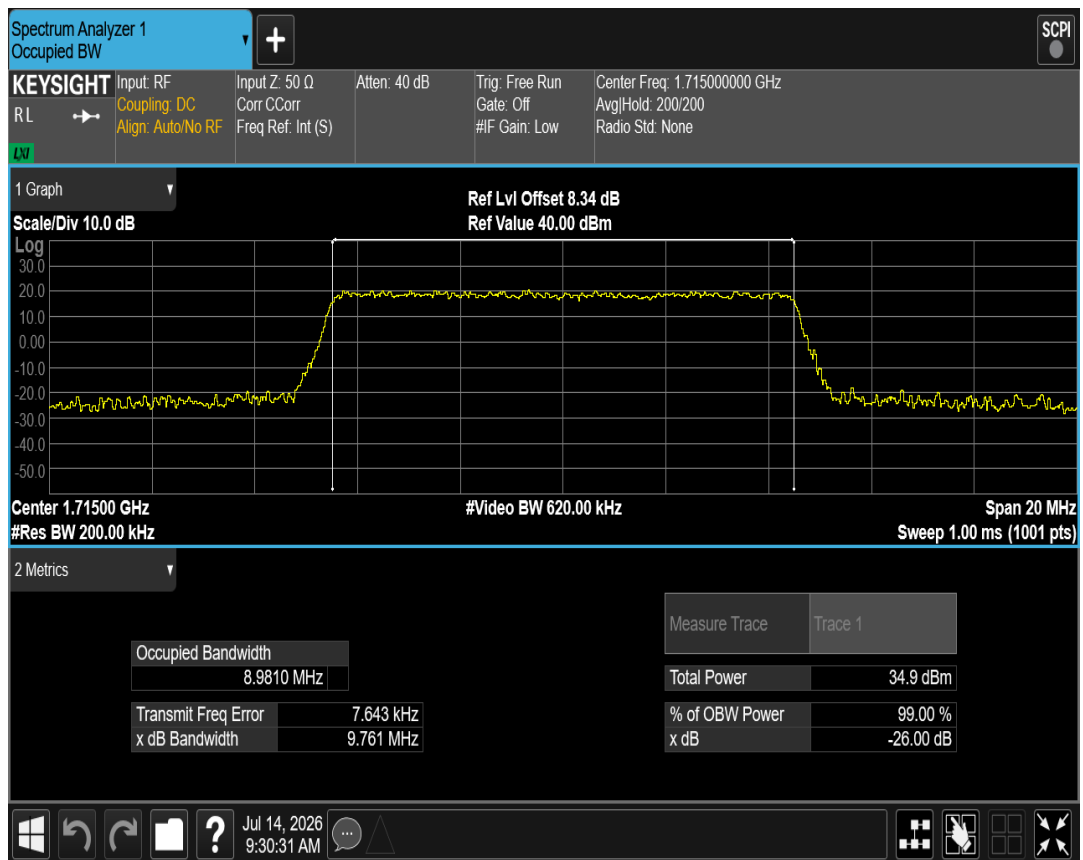
**Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0****Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0**

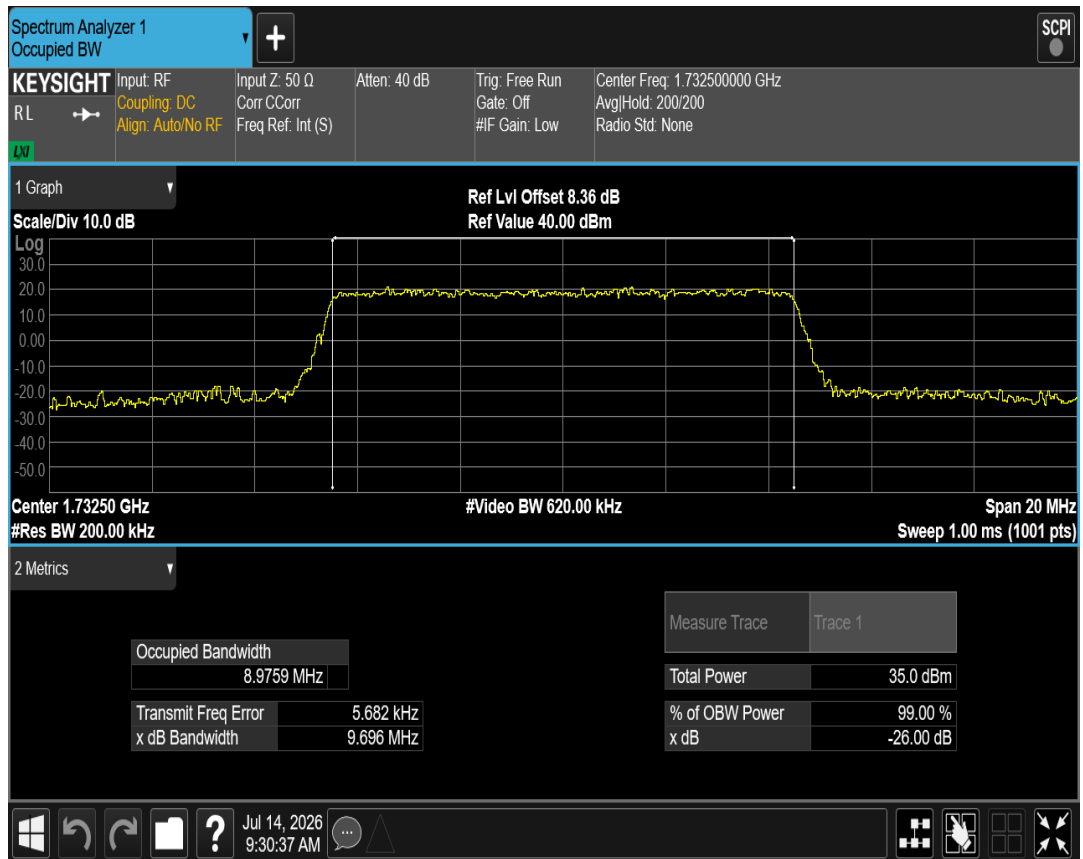
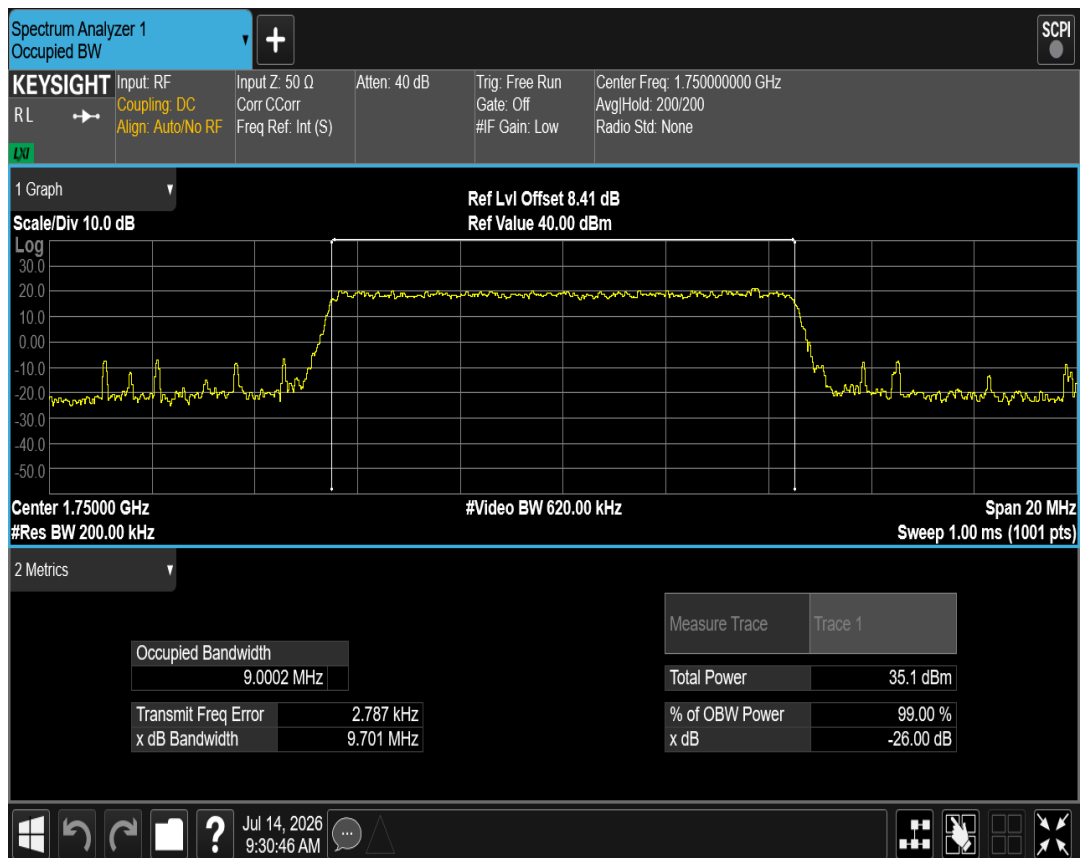


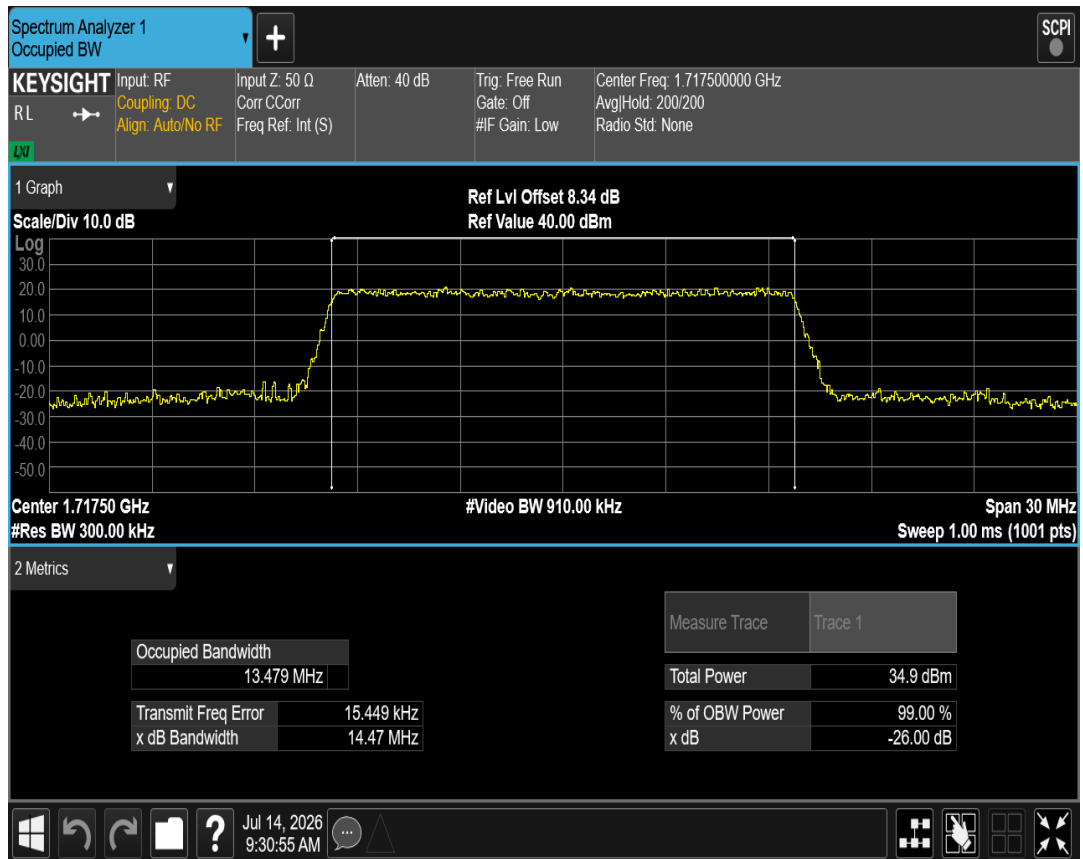
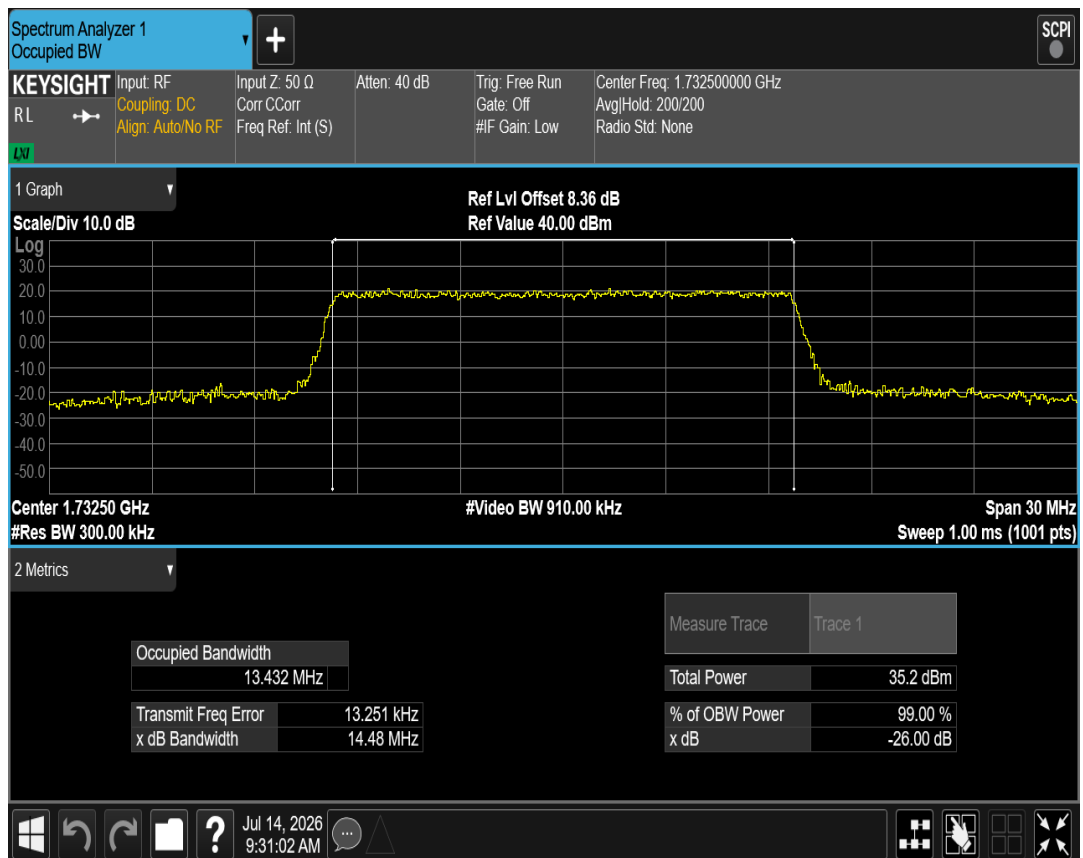
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0

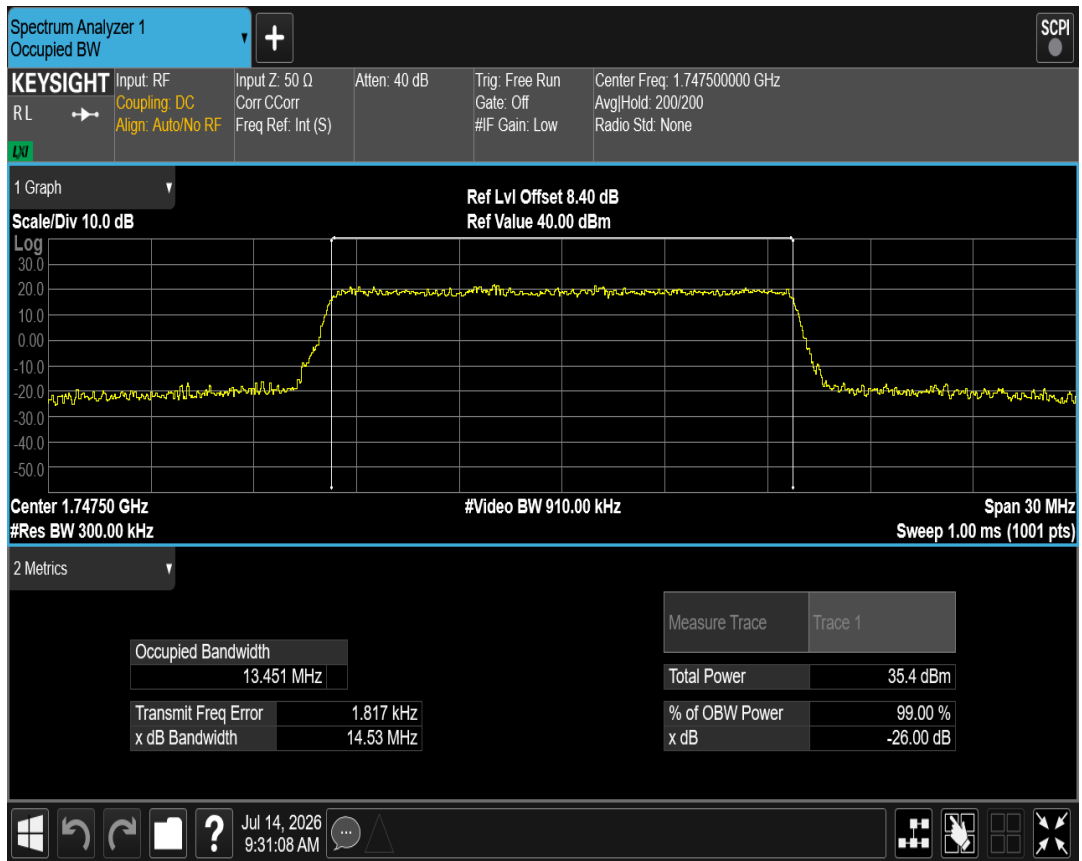


Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0

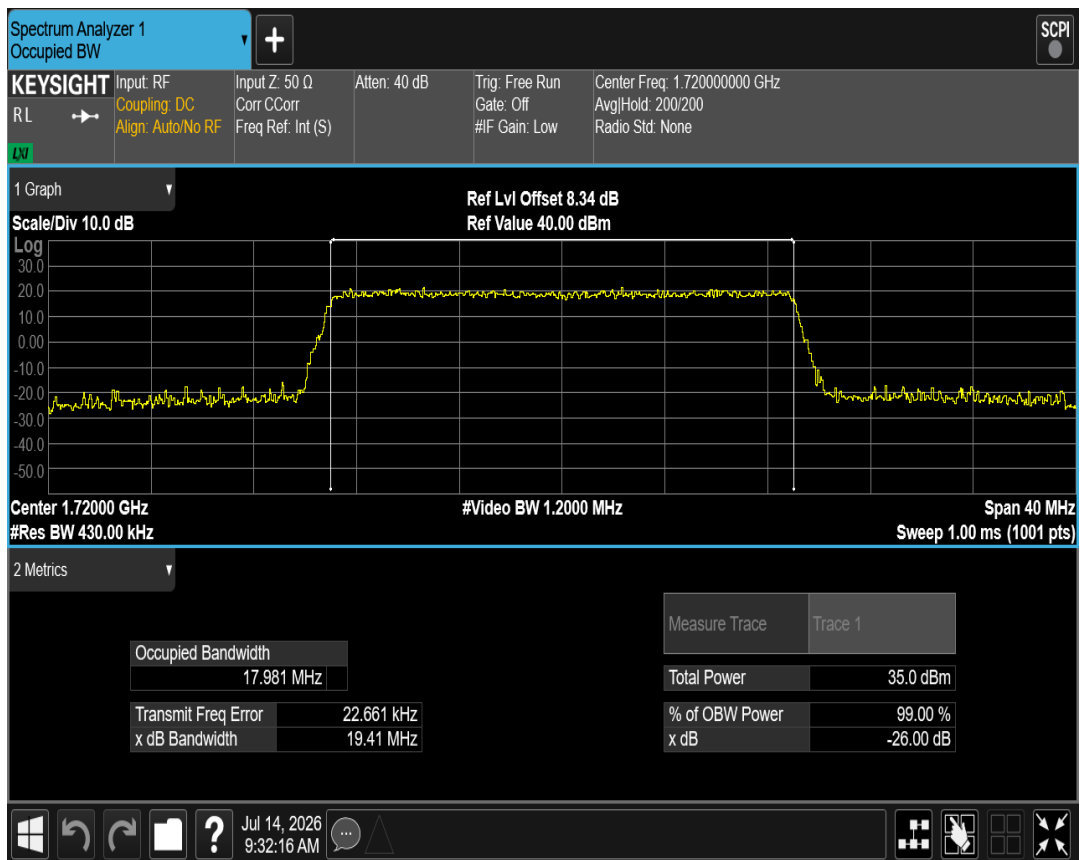
**Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0****Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0**

**Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0****Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0**

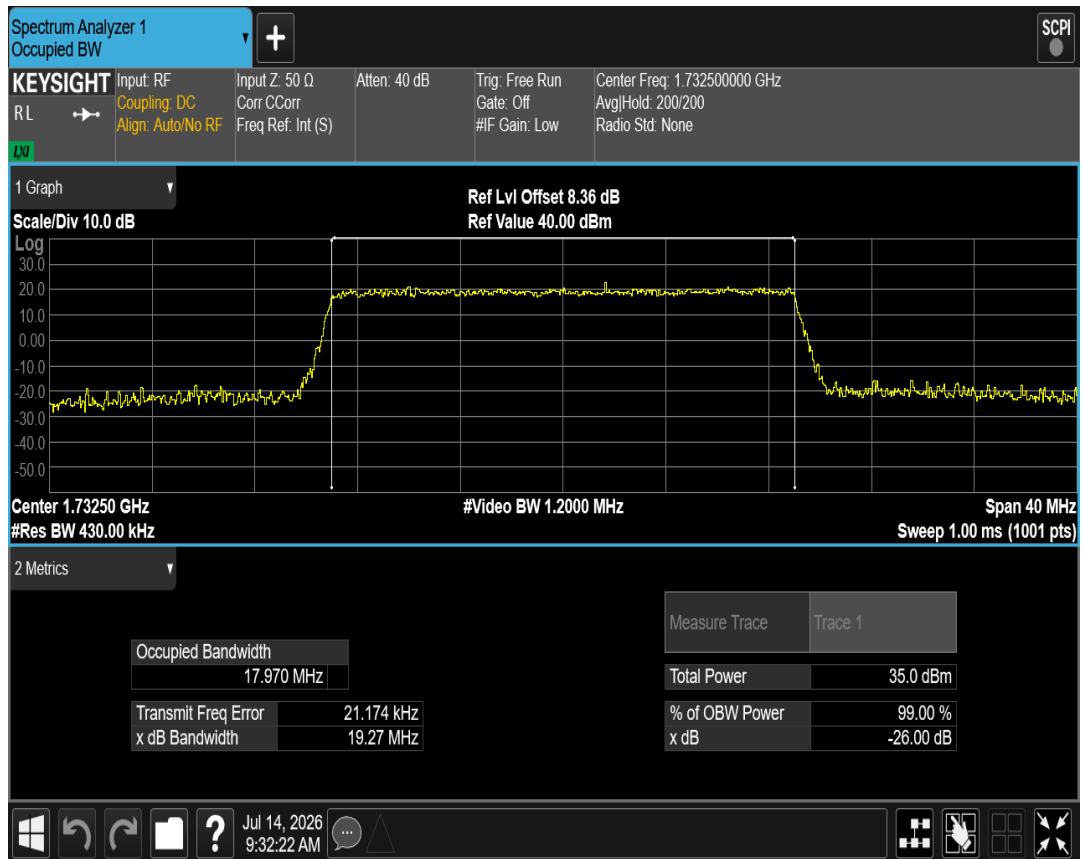
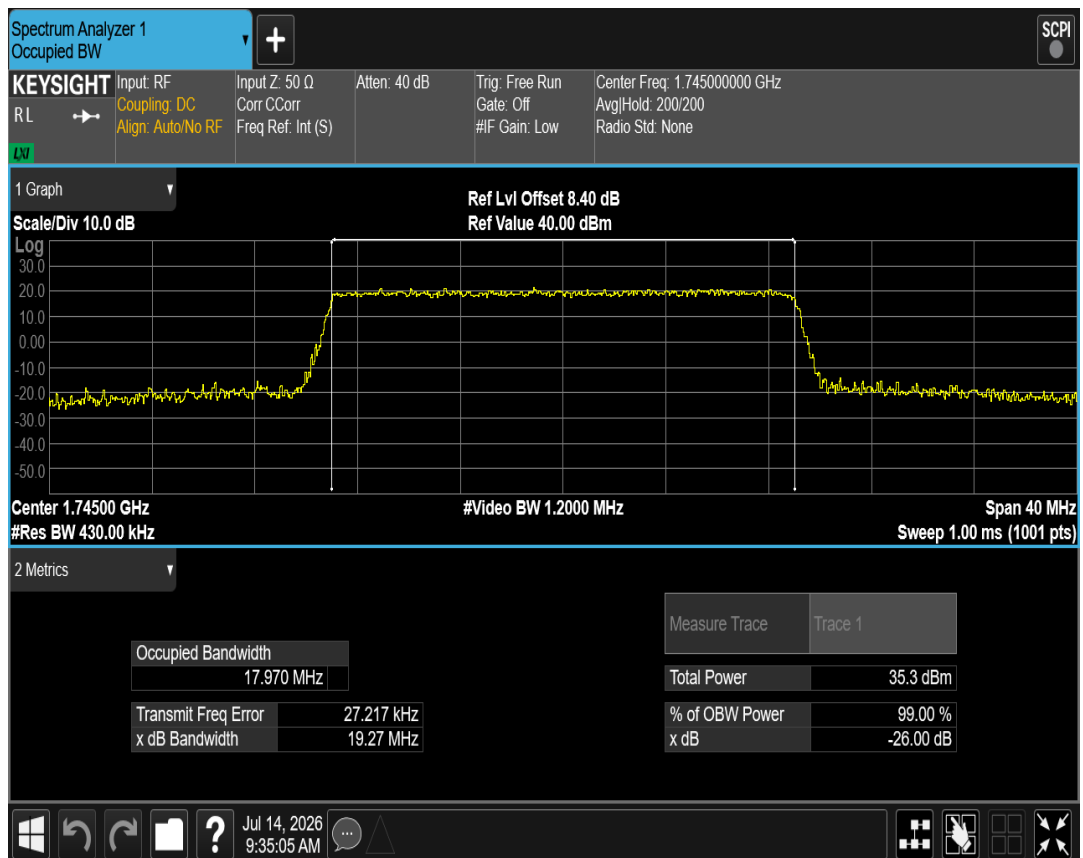
**Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0****Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0**

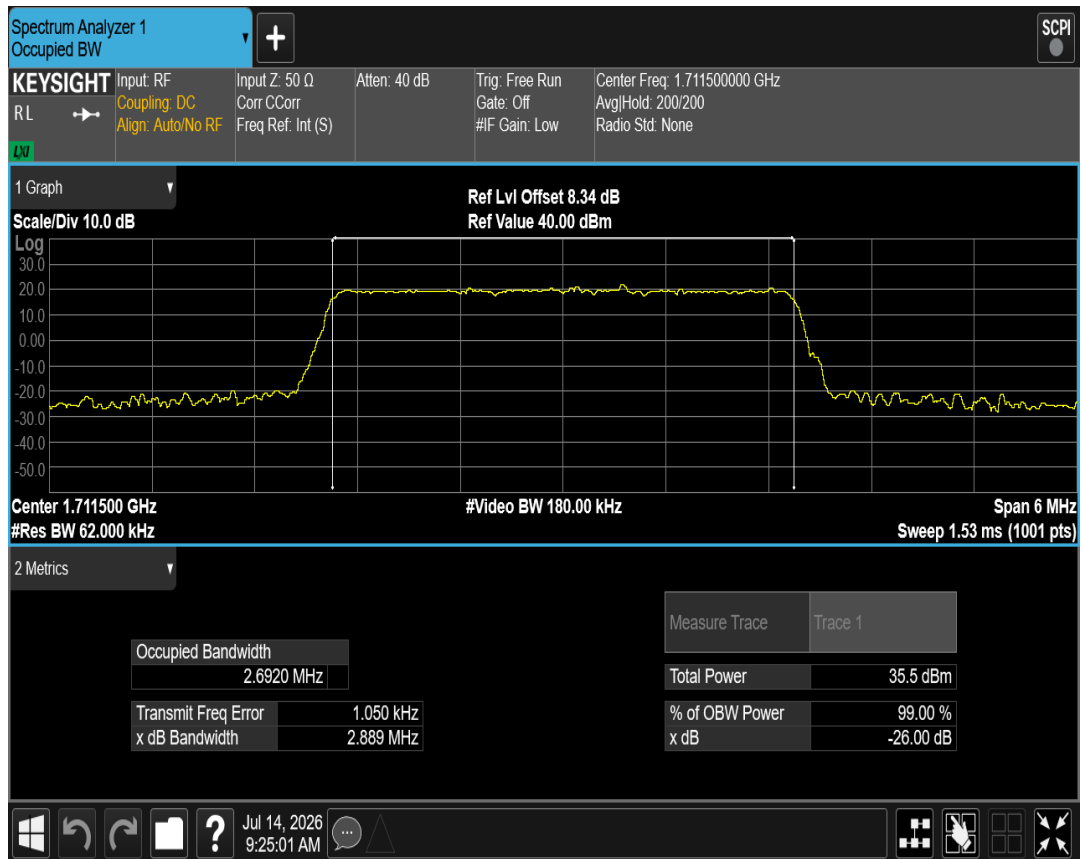
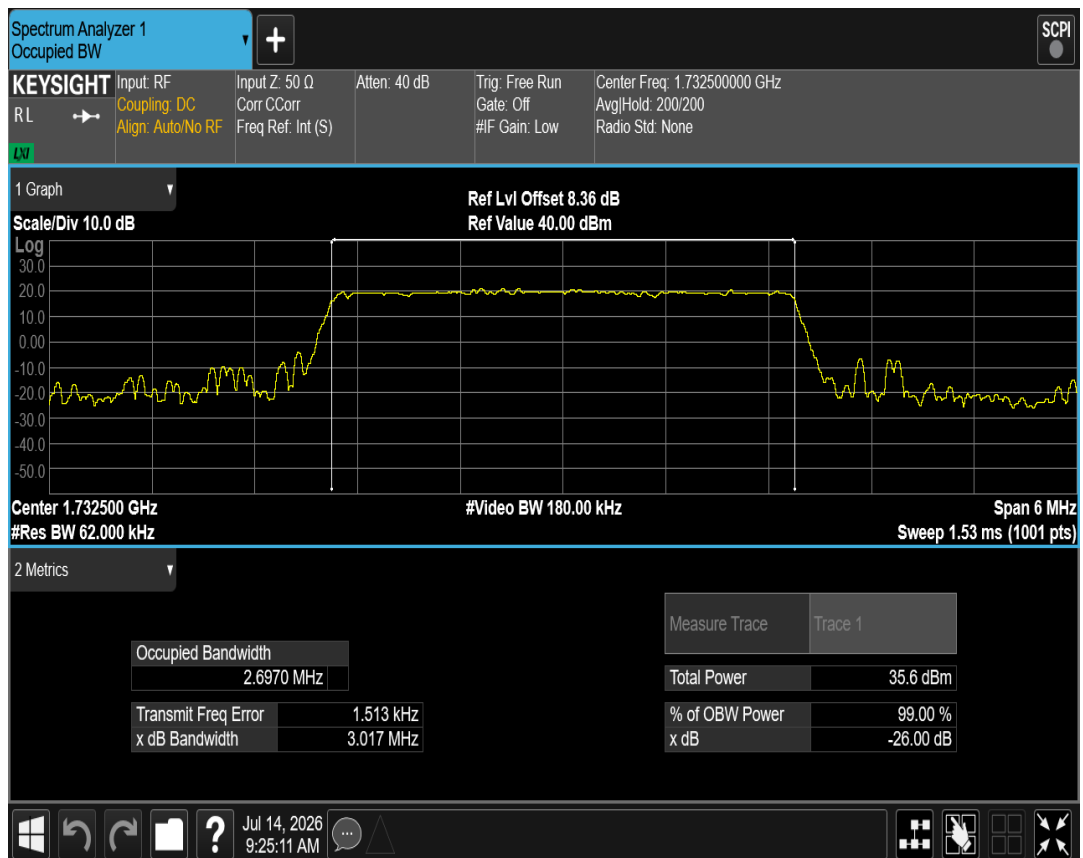


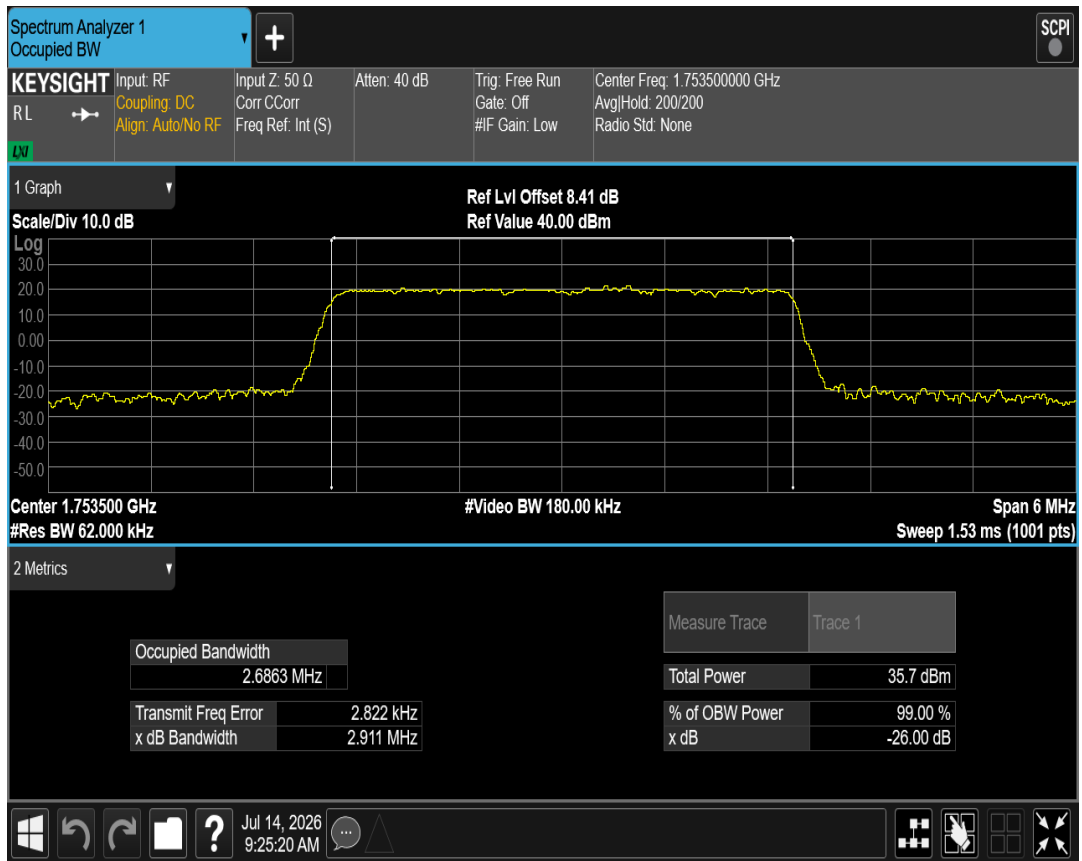
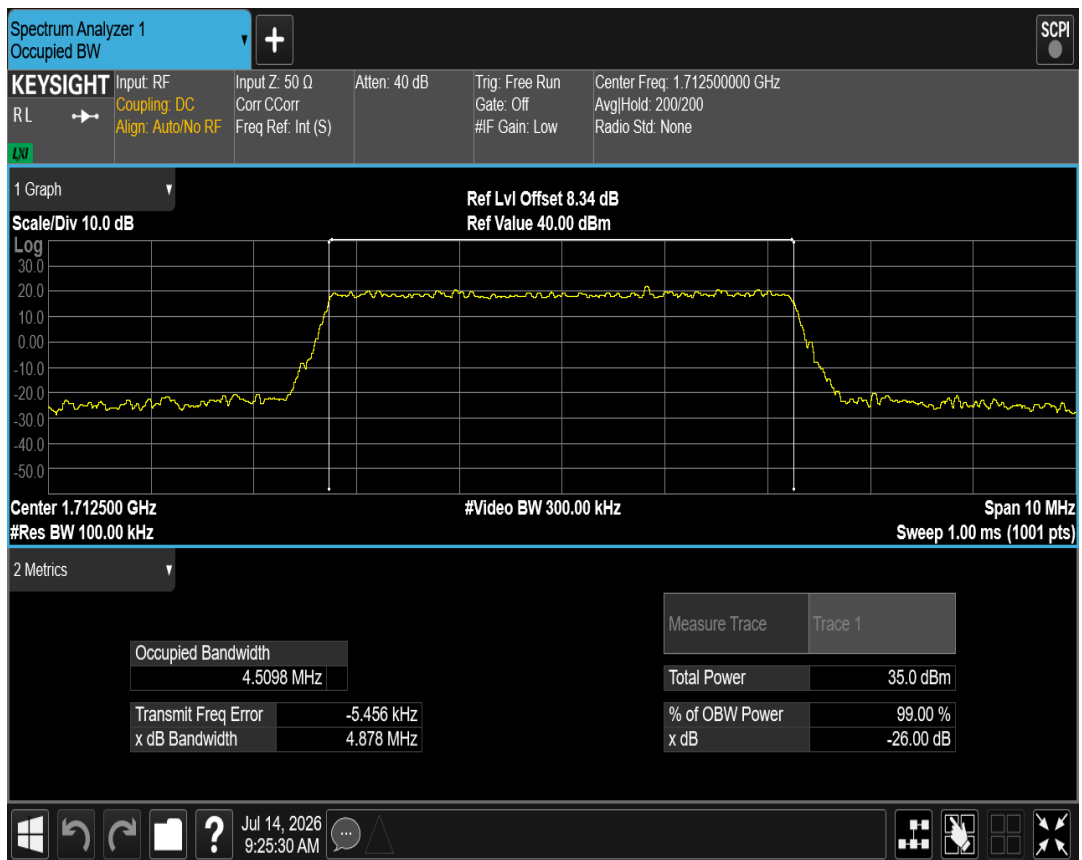
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0

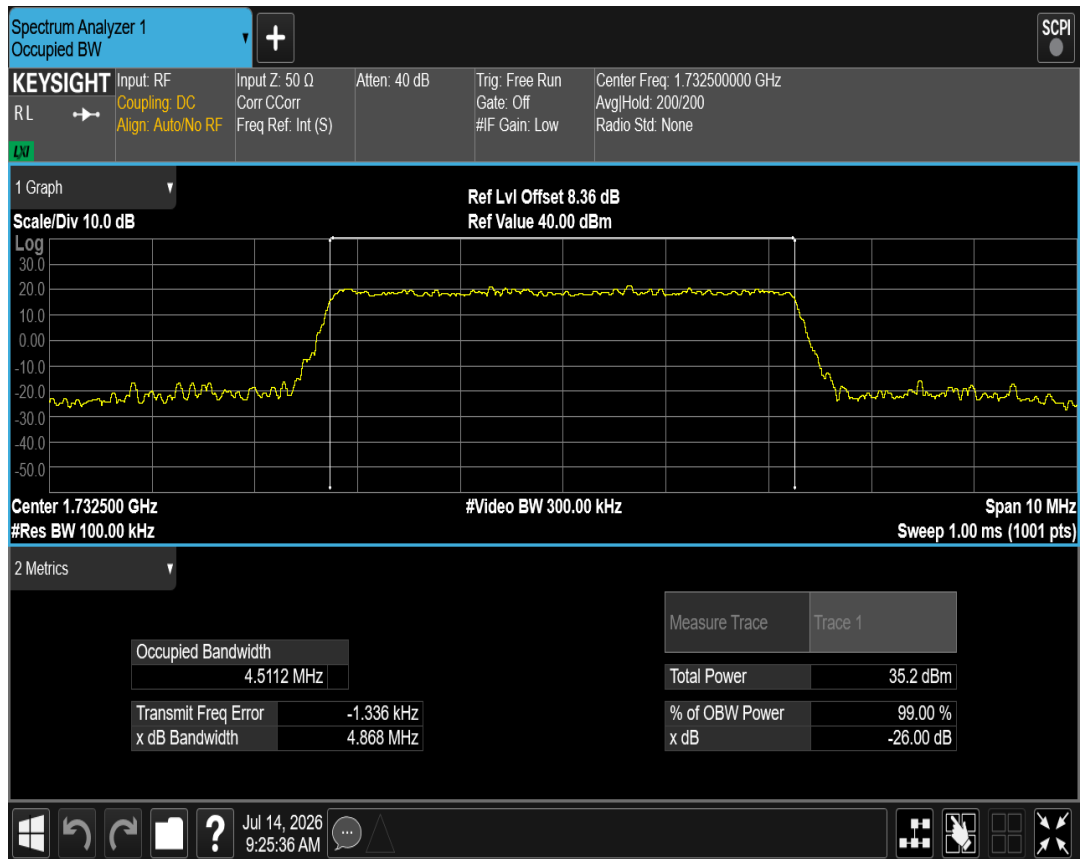


Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0

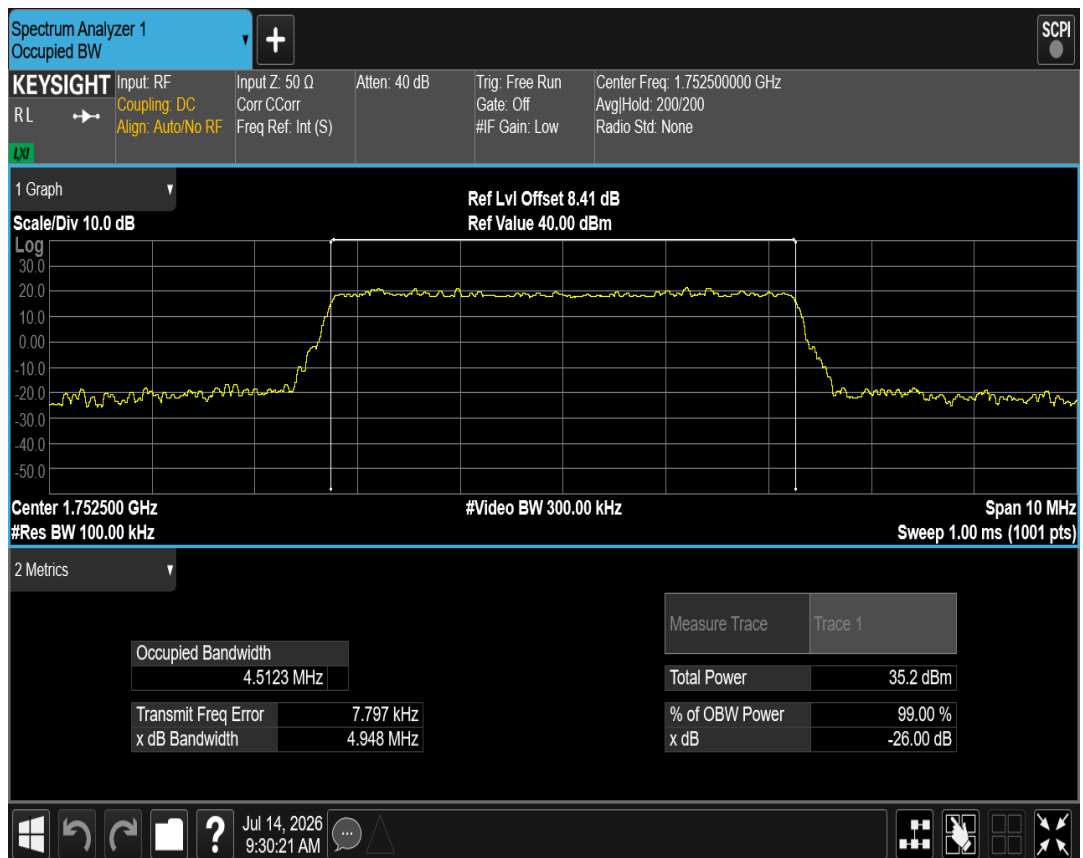
**Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0****Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0**

**Band4 QPSK BW=3MHz Channel=20175 RB Size=15 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=20175 RB Size=25 Position=#0**



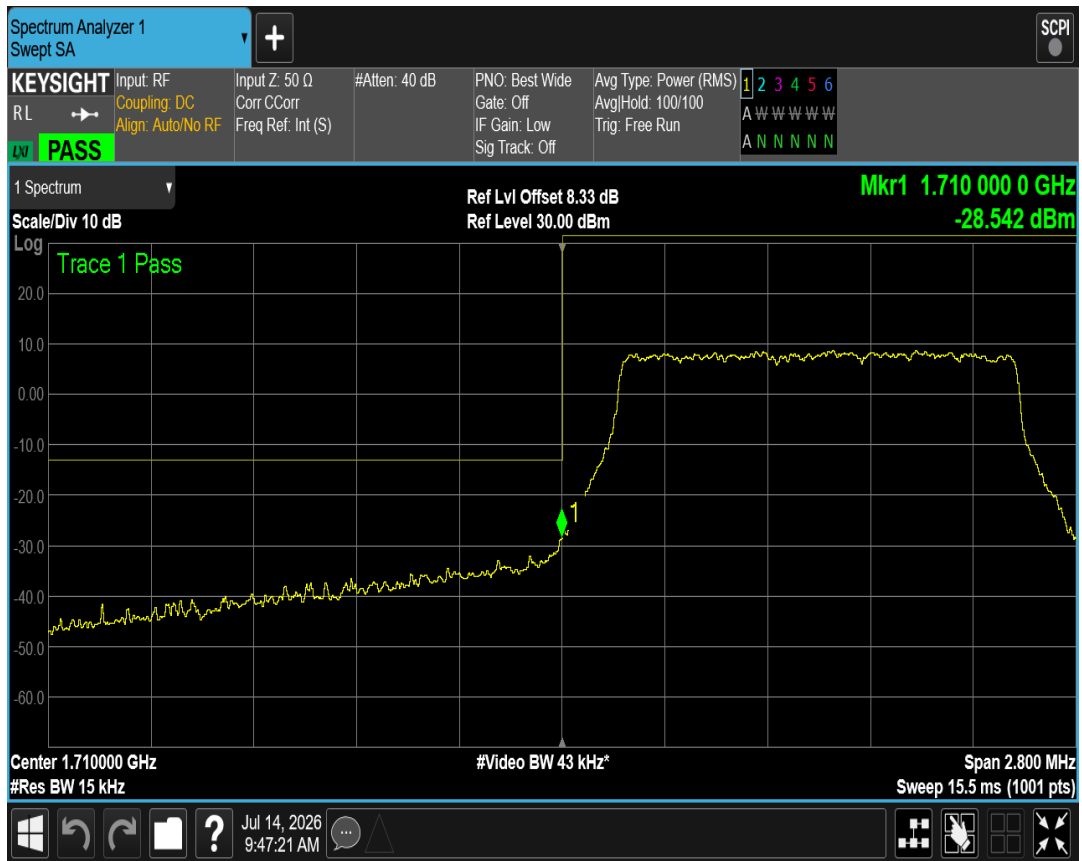
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



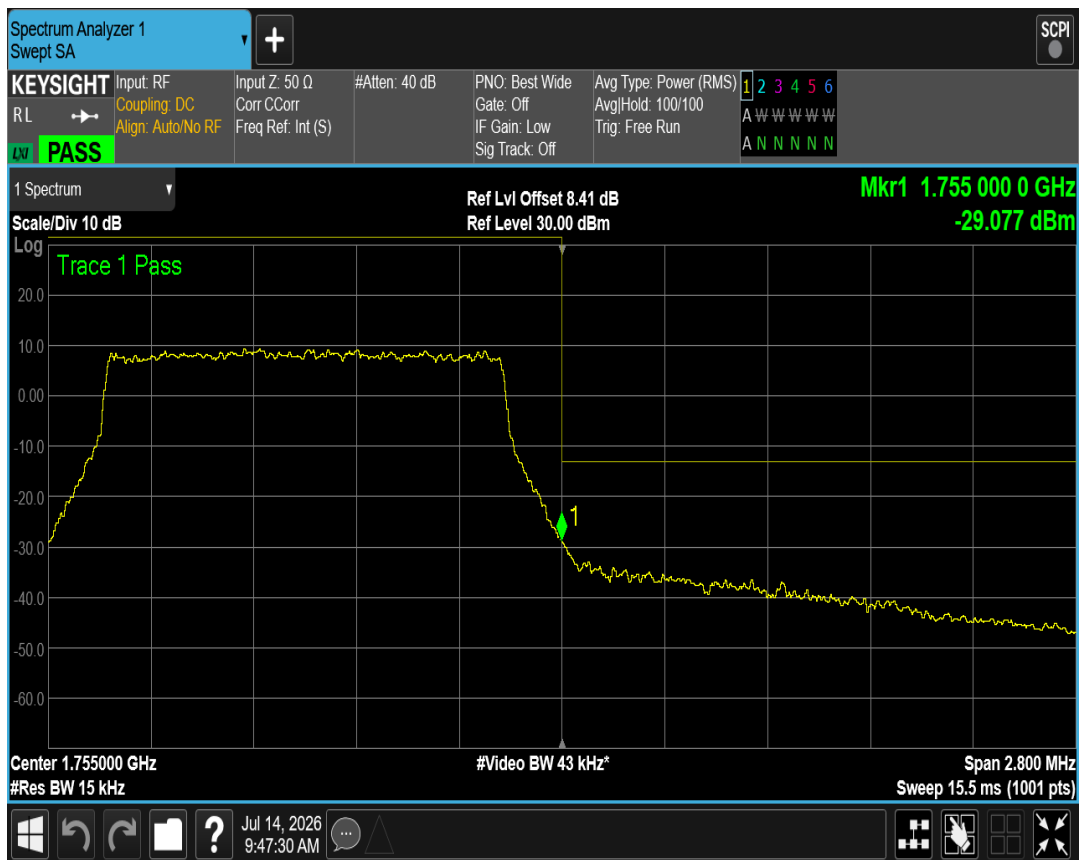
5 Band edge

<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band4	1.4	19957	6	#0	QPSK	1710.00	-29.33	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1710.00	-28.54	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-26.31	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.00	-29.07	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-28.32	-13	PASS
Band4	3	19965	15	#0	QAM16	1709.99	-30.83	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-29.83	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.00	-30.41	-13	PASS
Band4	5	19975	25	#0	QPSK	1709.99	-28.57	-13	PASS
Band4	5	19975	25	#0	QAM16	1709.99	-30.52	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-26.25	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.00	-28.19	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-30.73	-13	PASS
Band4	10	20000	50	#0	QAM16	1709.98	-31.36	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.04	-30.46	-13	PASS
Band4	10	20350	50	#0	QAM16	1756.46	-29.39	-13	PASS
Band4	15	20025	75	#0	QPSK	1707.84	-31.66	-13	PASS
Band4	15	20025	75	#0	QAM16	1709.88	-32.50	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.00	-28.76	-13	PASS
Band4	15	20325	75	#0	QAM16	1755.30	-32.35	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.72	-33.18	-13	PASS
Band4	20	20050	100	#0	QAM16	1709.88	-32.99	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.04	-32.43	-13	PASS
Band4	20	20300	100	#0	QAM16	1755.00	-32.81	-13	PASS

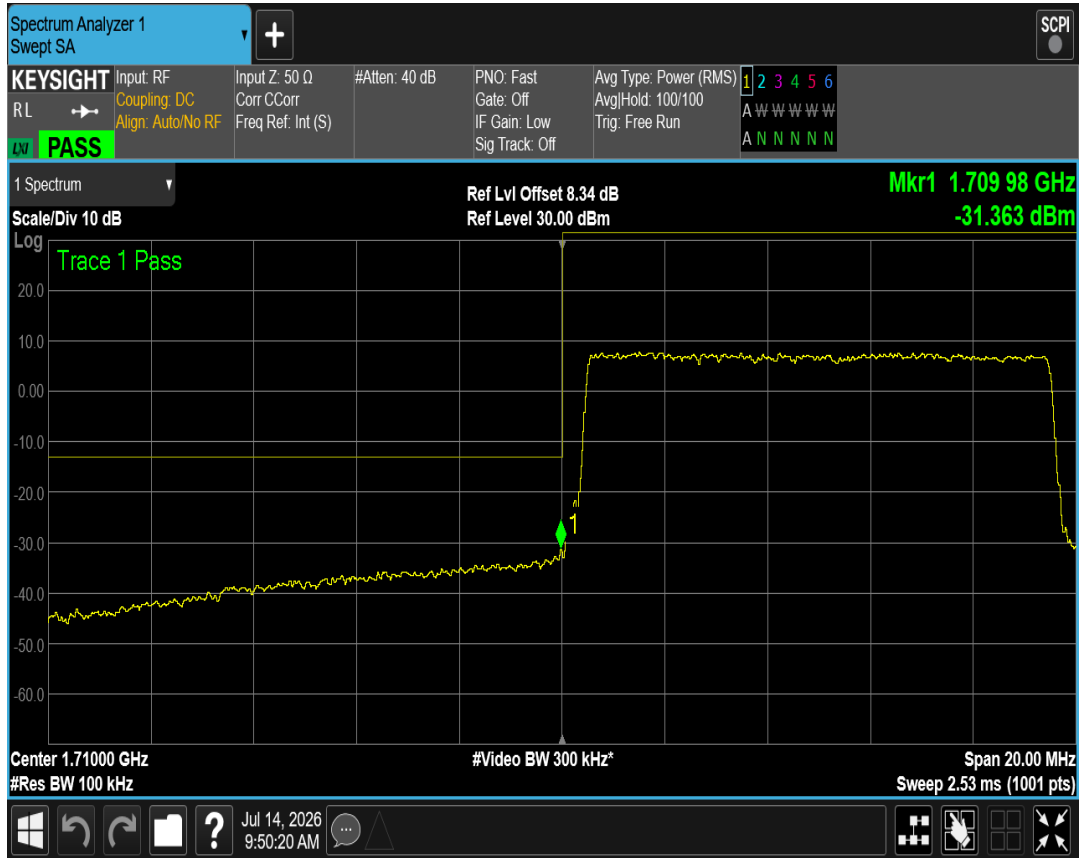
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



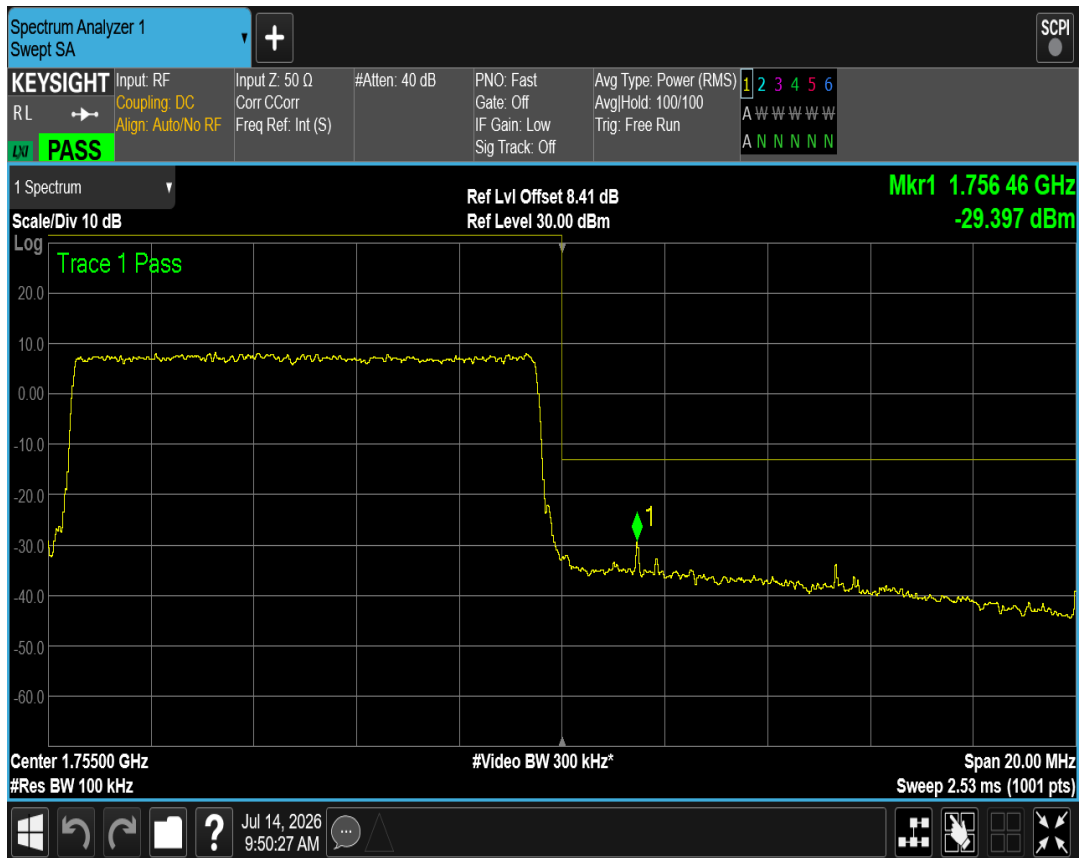
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



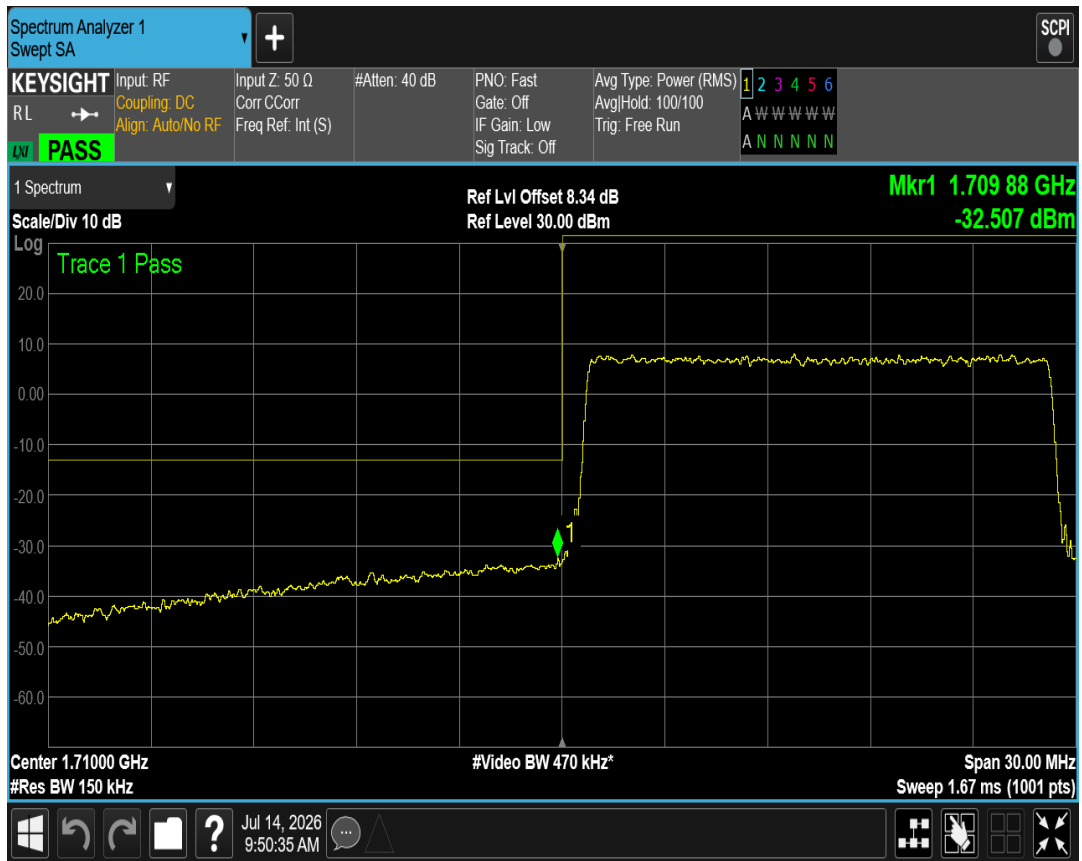
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



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



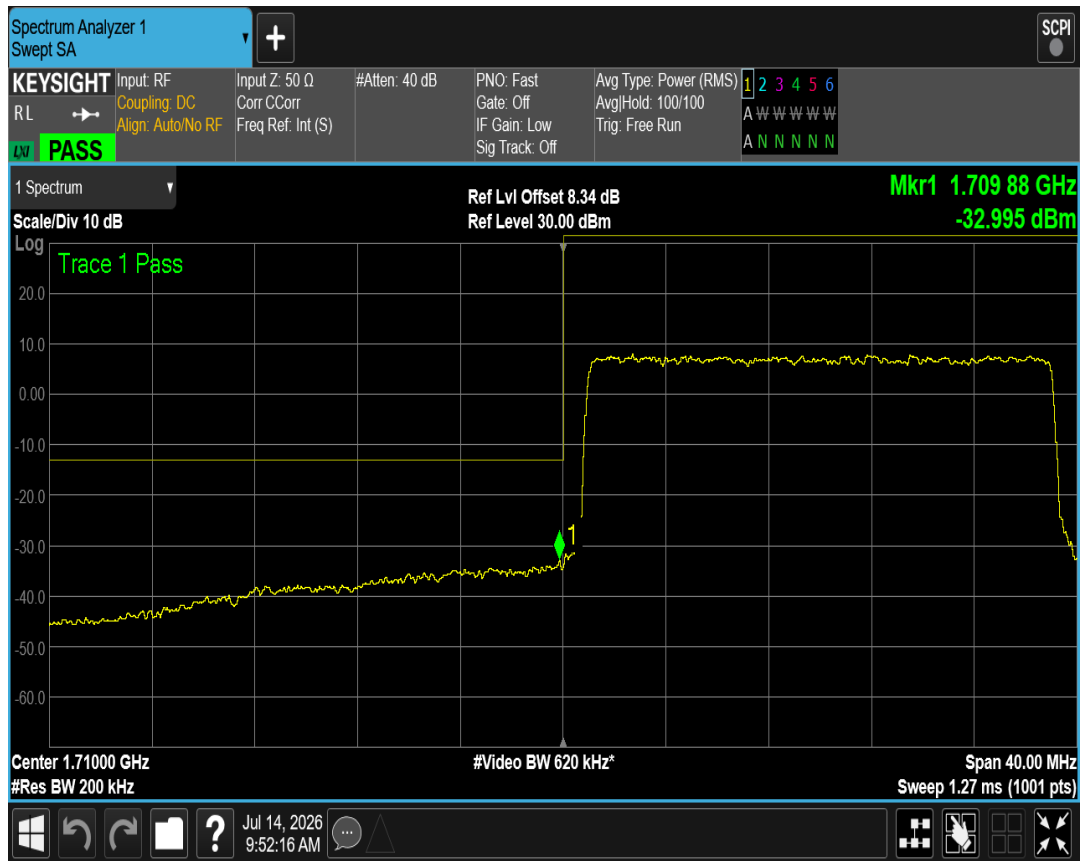
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



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



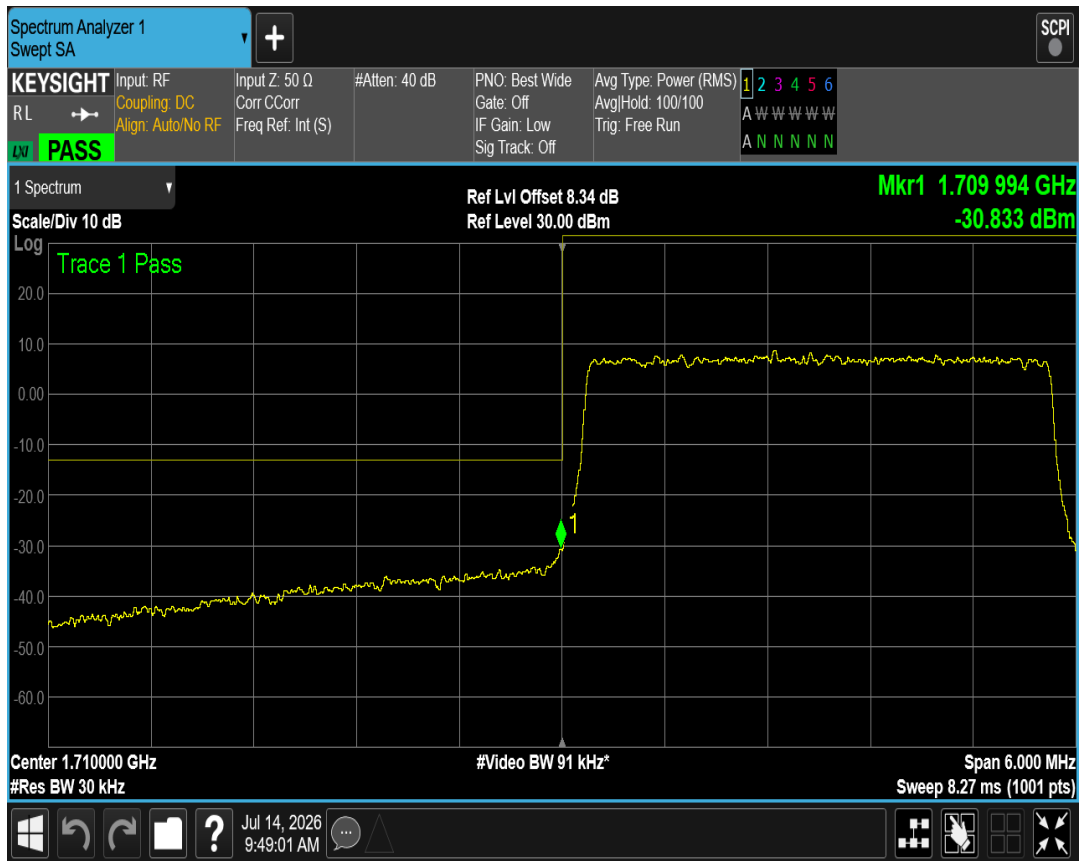
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



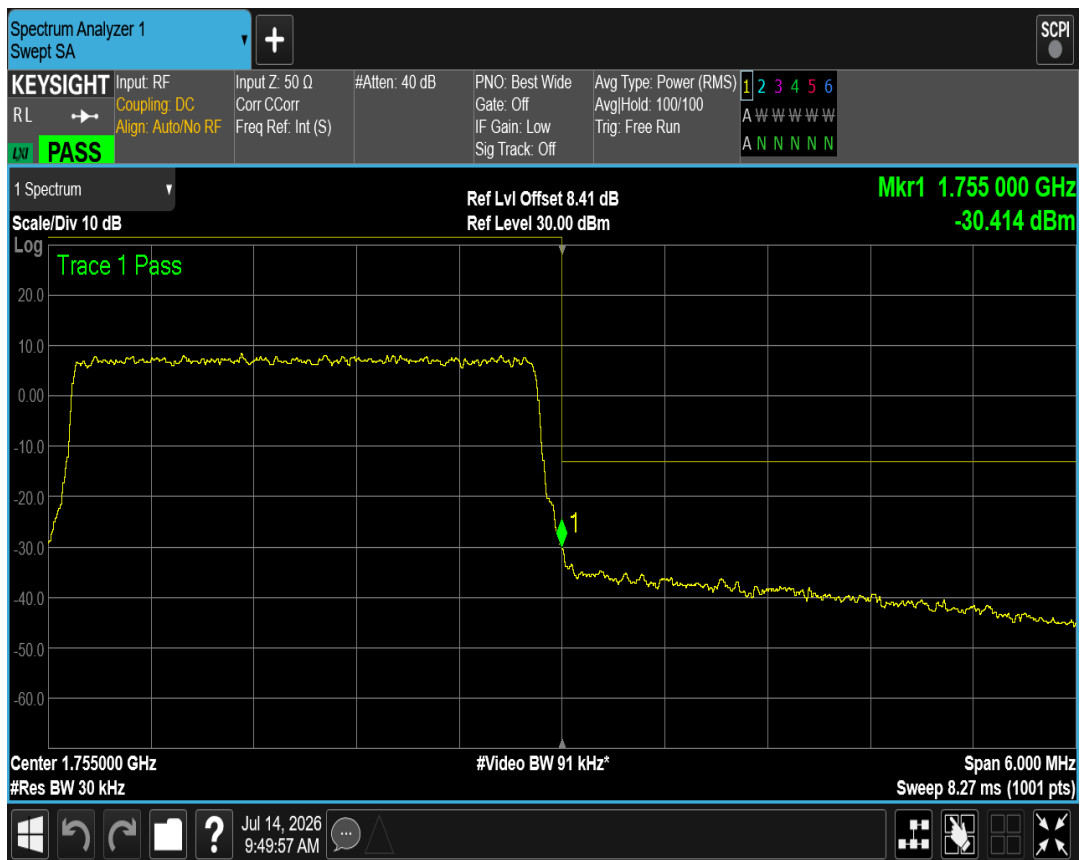
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



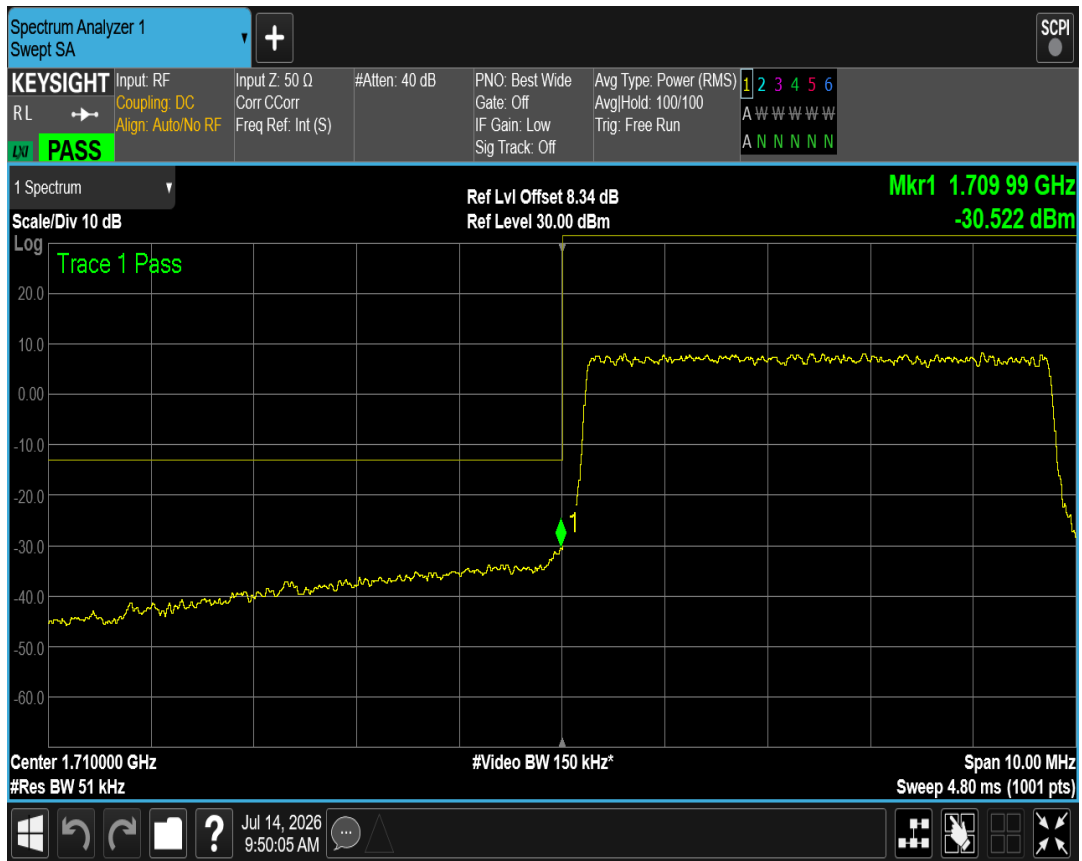
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



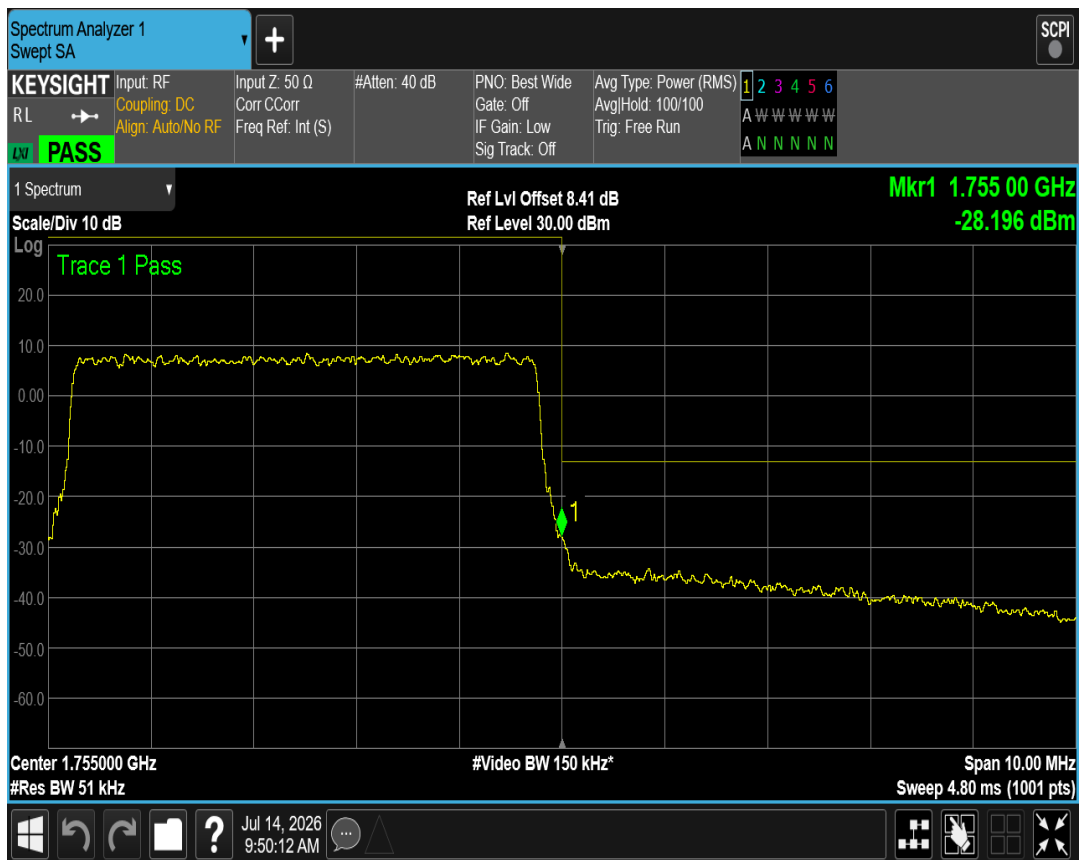
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



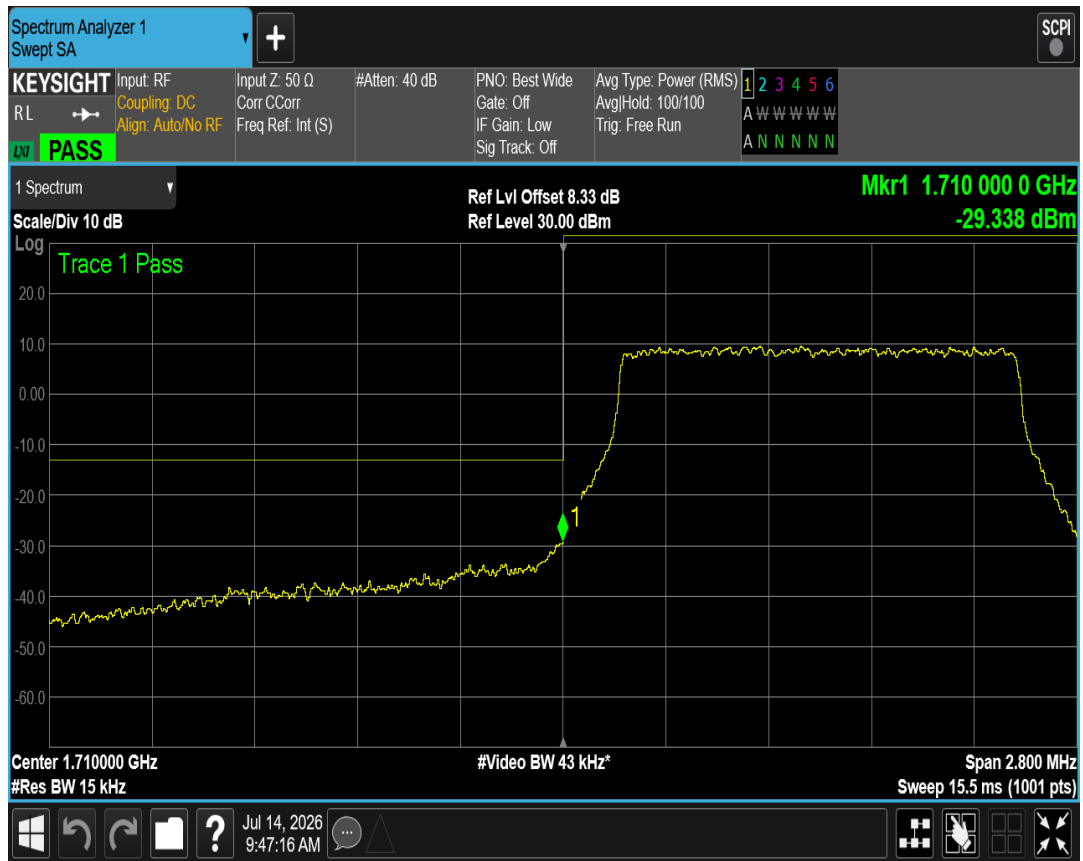
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



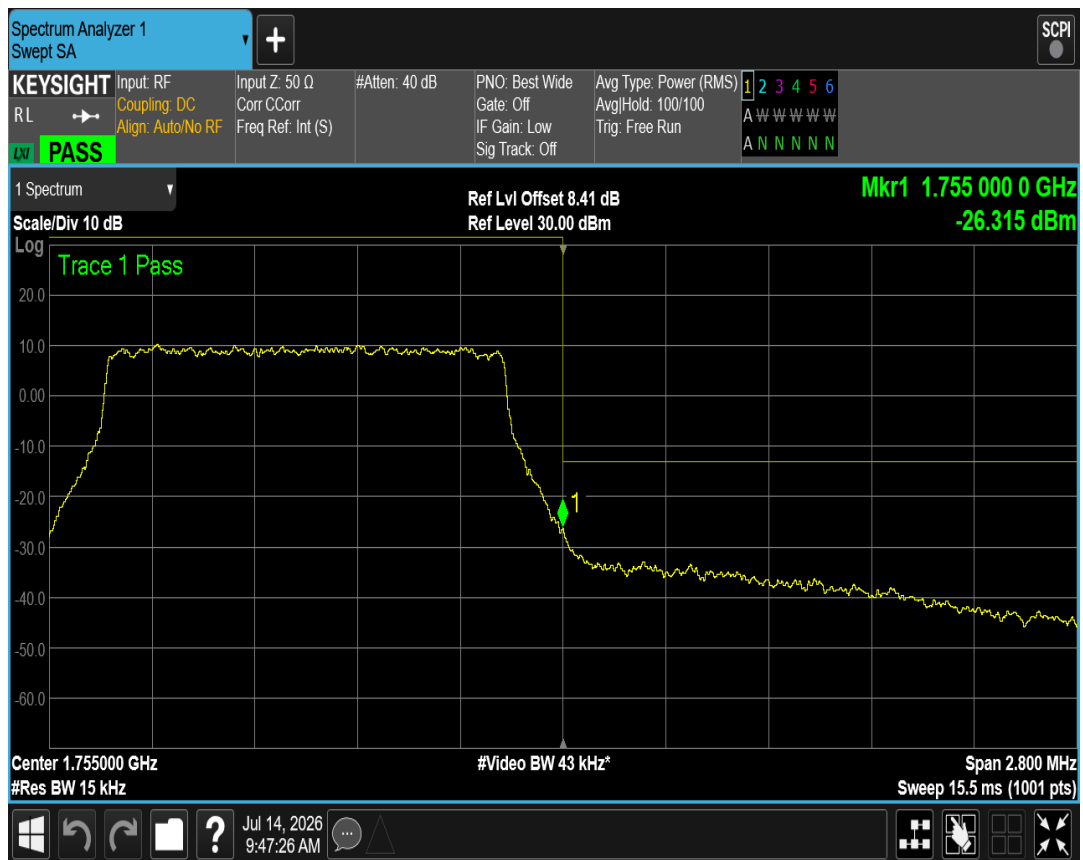
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



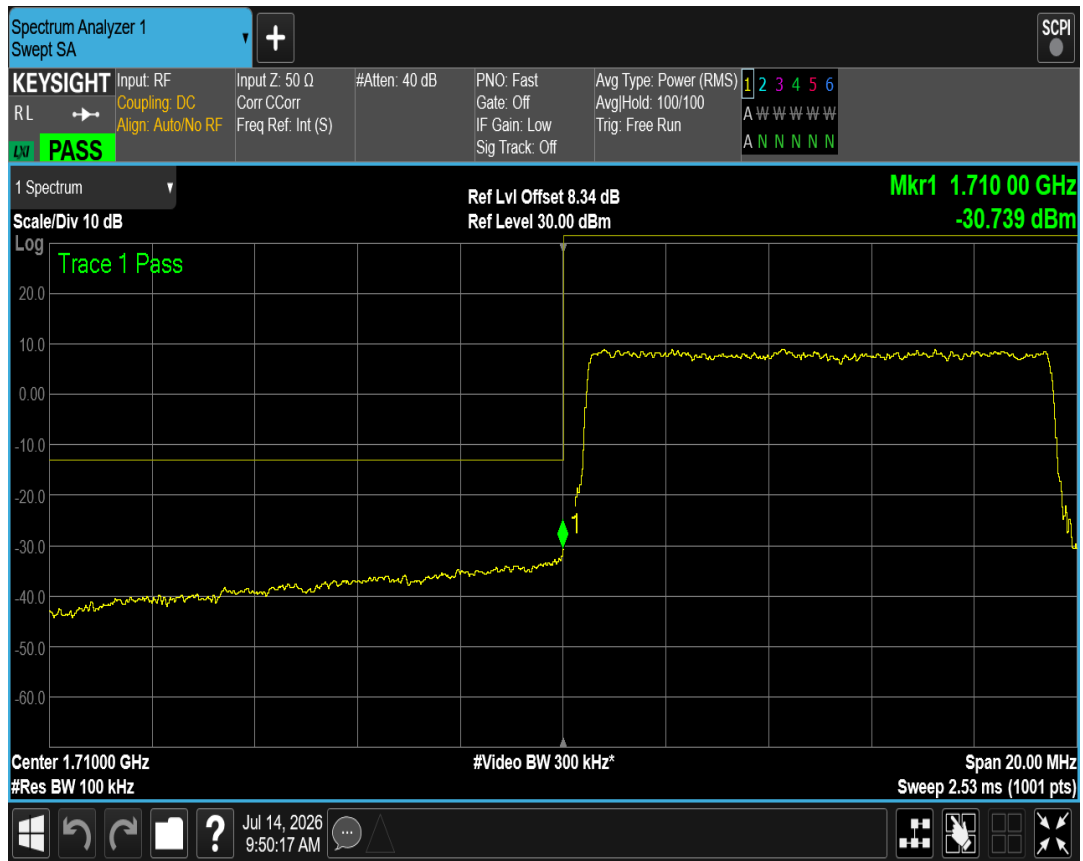
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



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



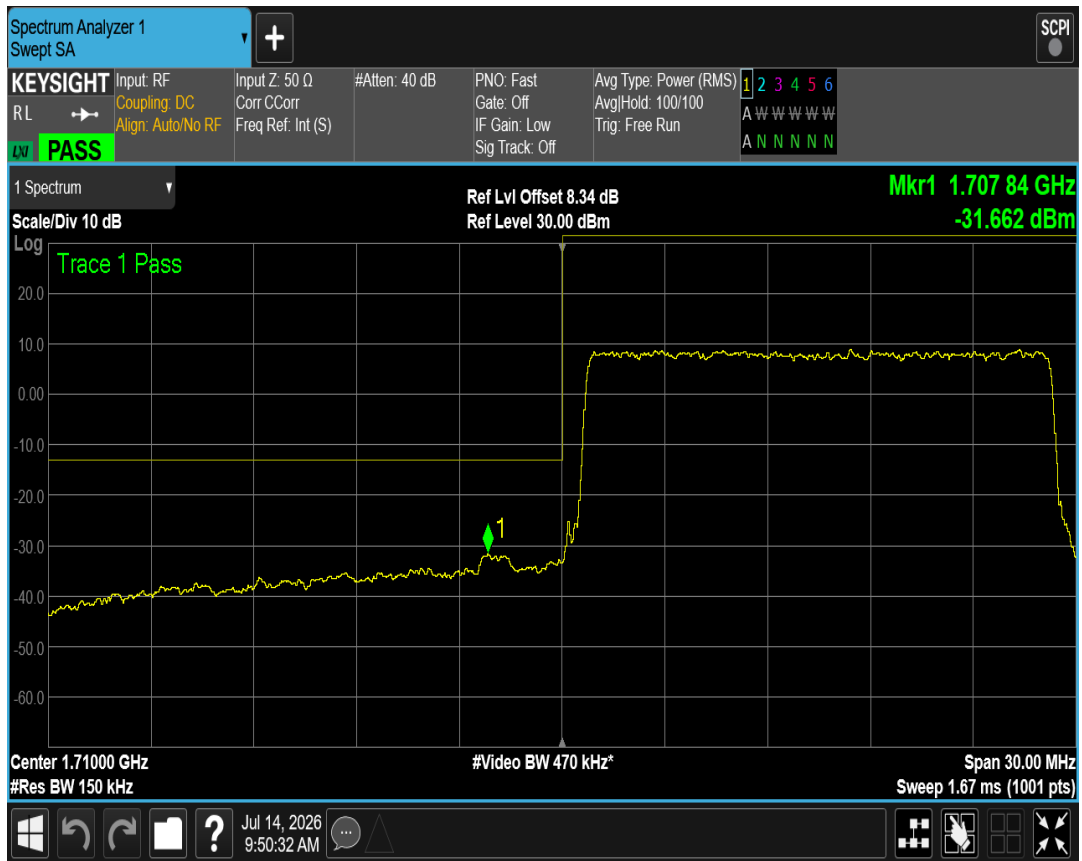
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



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



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



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



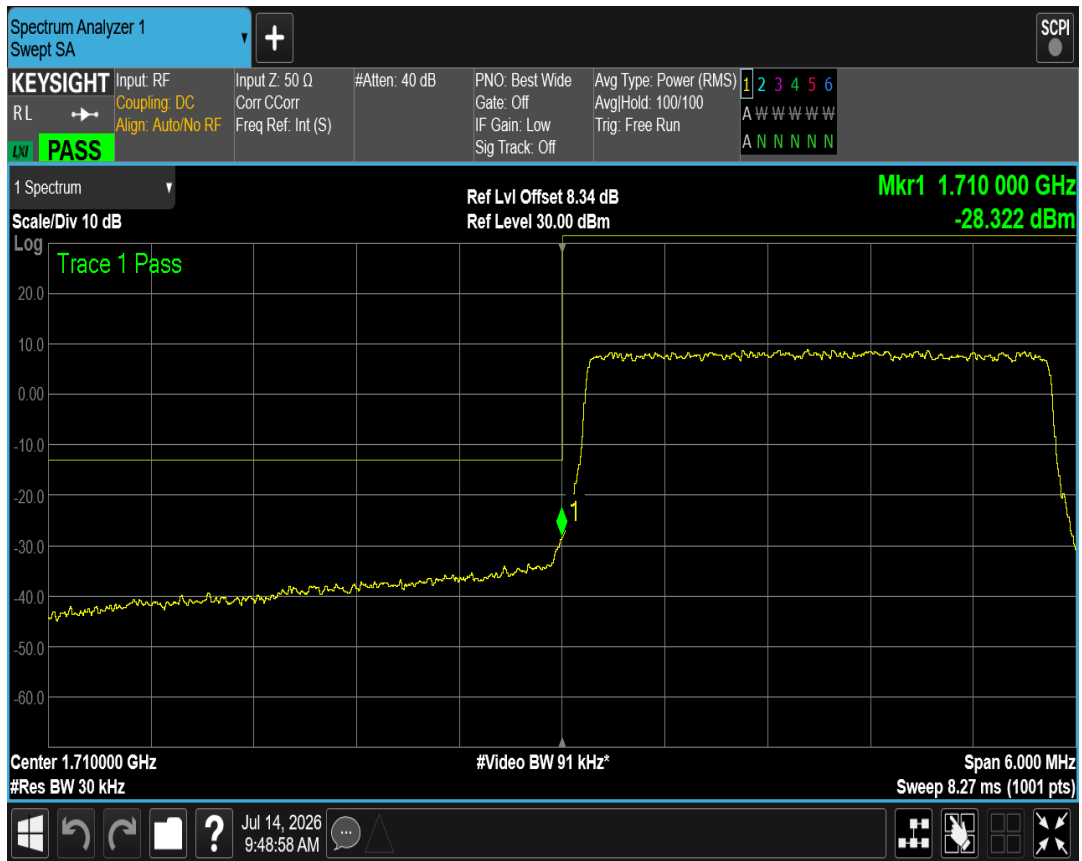
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



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



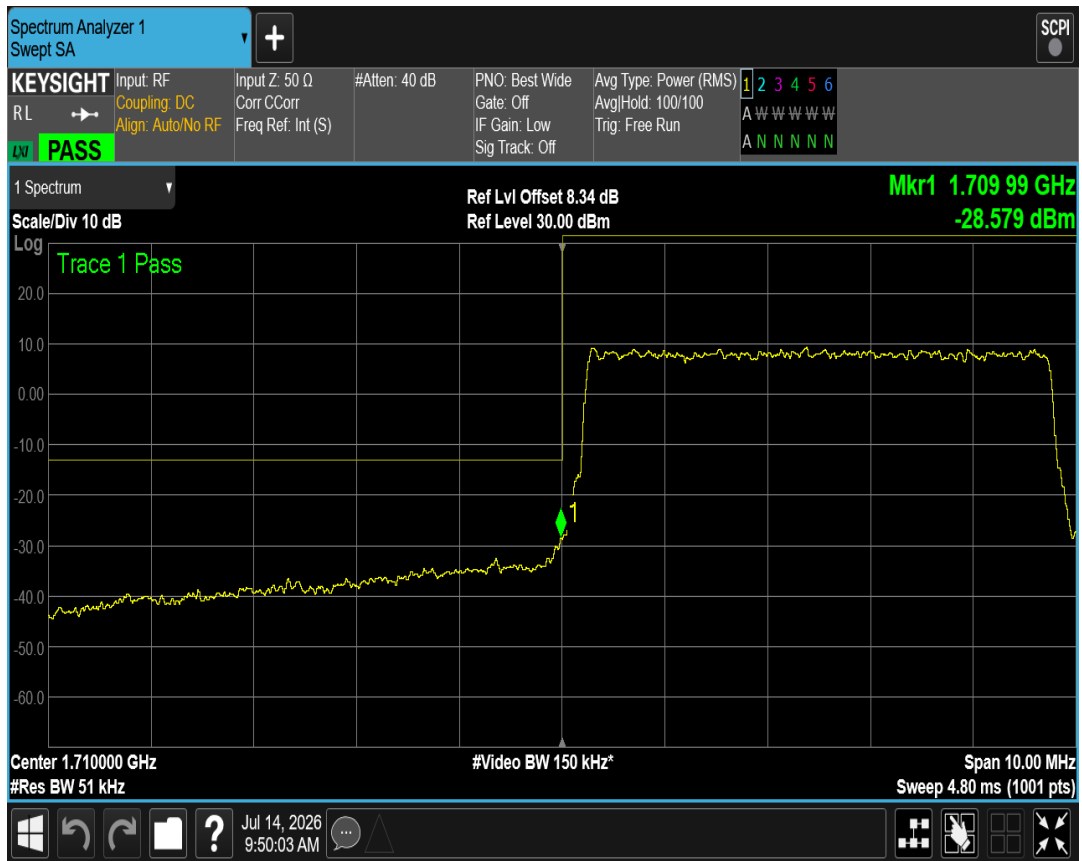
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



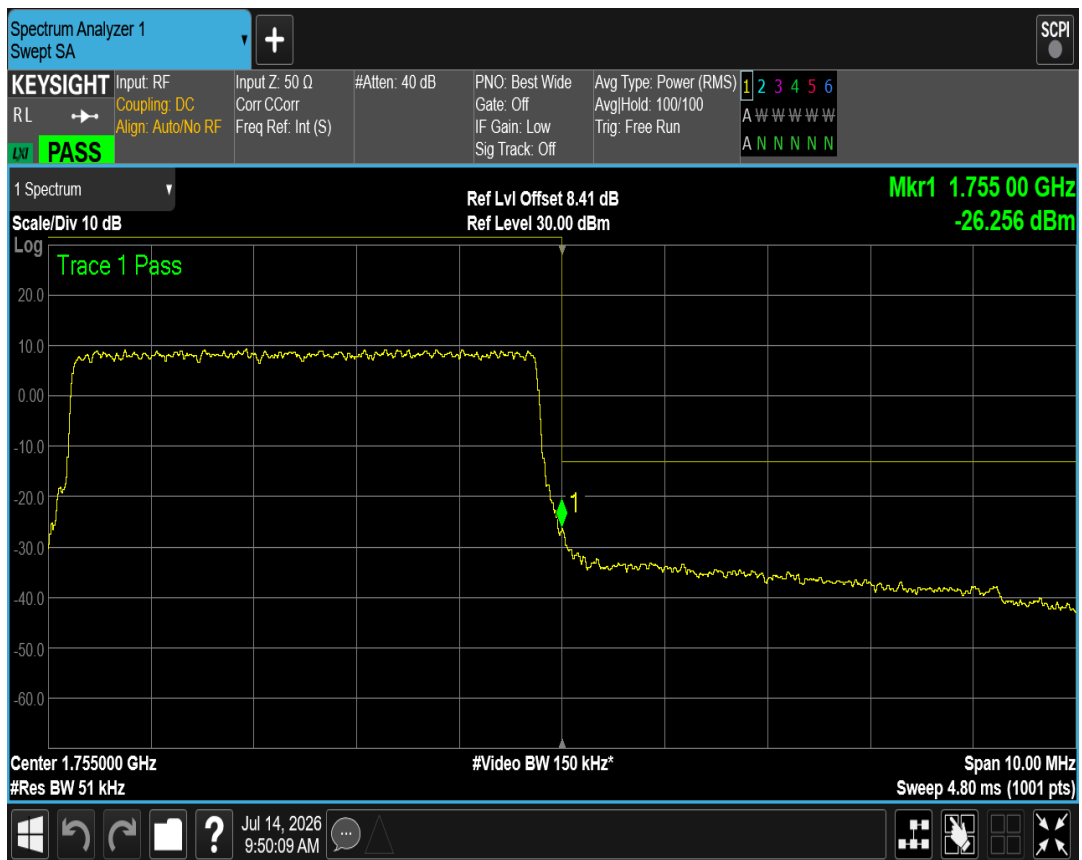
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



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



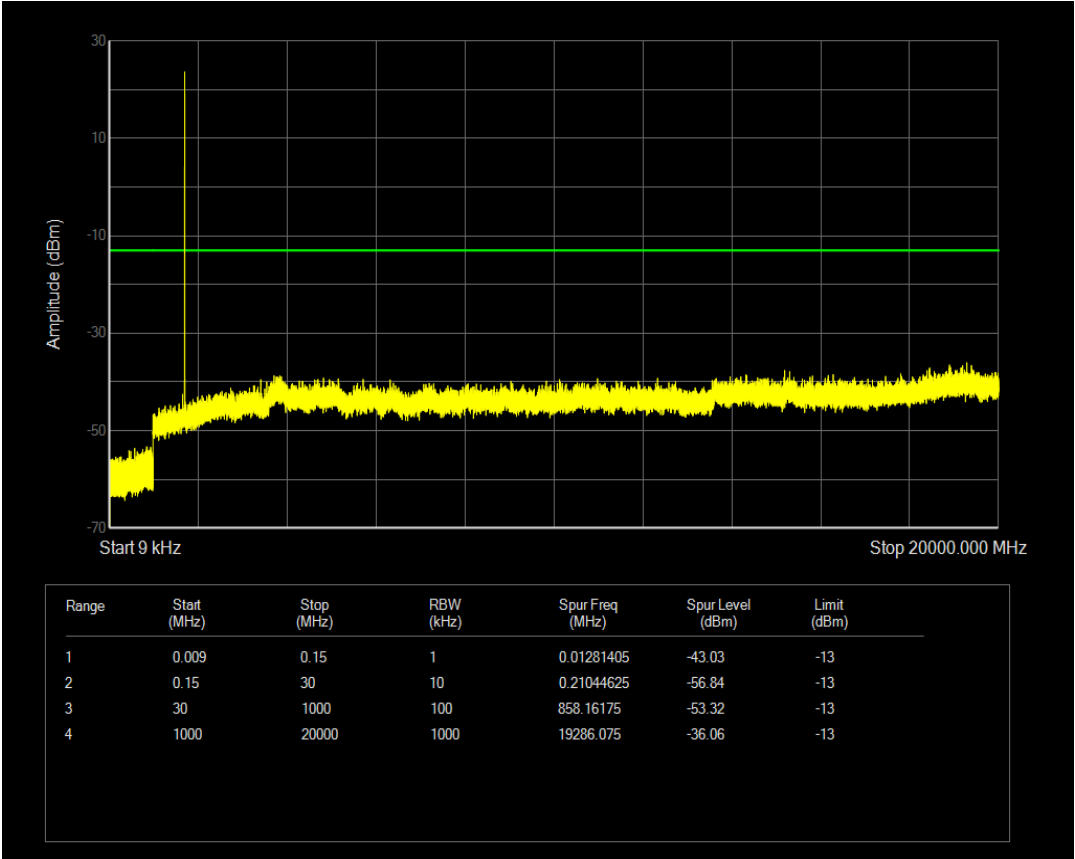
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



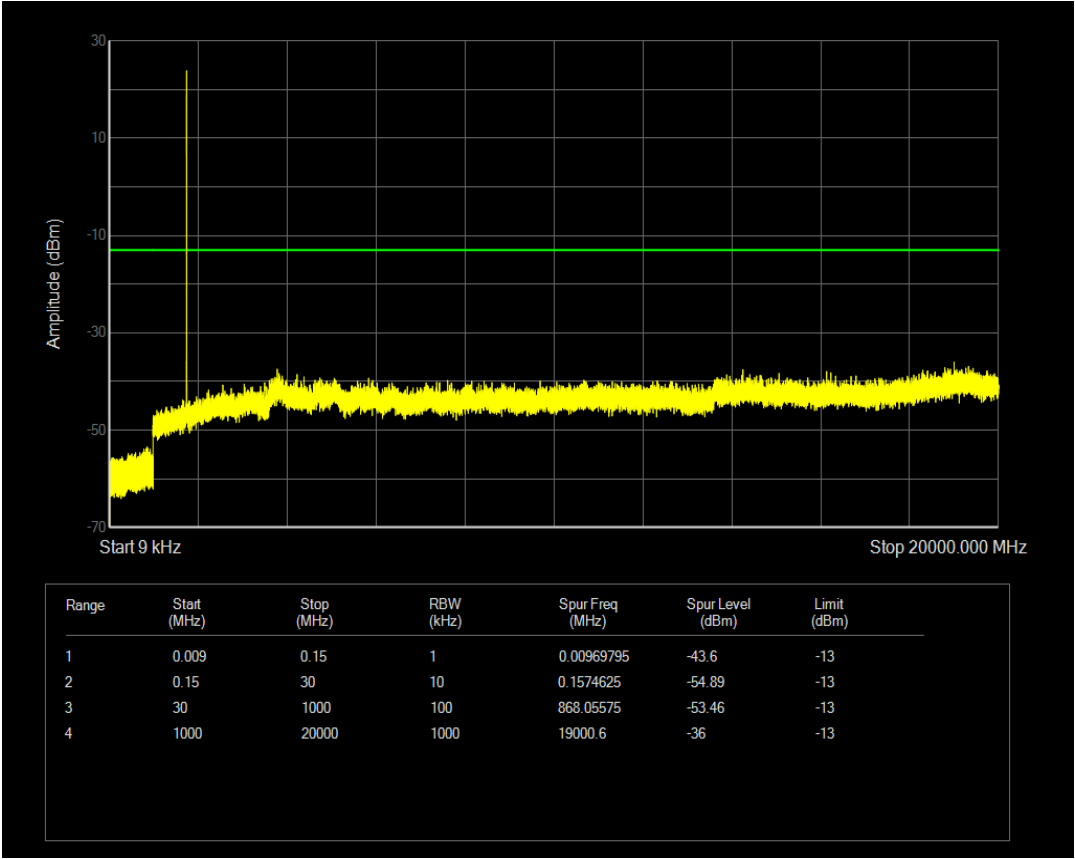
6 Out-of-band emissions

<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band4	1.4	19957	6	#0	QPSK	19015.33	-36.21	-13	PASS
Band4	1.4	19957	6	#0	QAM16	19286.08	-36.06	-13	PASS
Band4	1.4	20393	6	#0	QPSK	19507.90	-36.01	-13	PASS
Band4	1.4	20393	6	#0	QAM16	19000.60	-36.00	-13	PASS
Band4	3	19965	15	#0	QPSK	18907.98	-37.19	-13	PASS
Band4	3	19965	15	#0	QAM16	19294.63	-36.49	-13	PASS
Band4	3	20385	15	#0	QPSK	18836.73	-36.27	-13	PASS
Band4	3	20385	15	#0	QAM16	19045.25	-36.60	-13	PASS
Band4	5	19975	25	#0	QPSK	18917.95	-36.35	-13	PASS
Band4	5	19975	25	#0	QAM16	19392.95	-35.79	-13	PASS
Band4	5	20375	25	#0	QPSK	19278.00	-36.15	-13	PASS
Band4	5	20375	25	#0	QAM16	19226.23	-36.53	-13	PASS
Band4	10	20000	50	#0	QPSK	19378.23	-36.51	-13	PASS
Band4	10	20000	50	#0	QAM16	18468.13	-37.25	-13	PASS
Band4	10	20350	50	#0	QPSK	18356.03	-37.28	-13	PASS
Band4	10	20350	50	#0	QAM16	19328.35	-35.72	-13	PASS
Band4	15	20025	75	#0	QPSK	18497.10	-37.03	-13	PASS
Band4	15	20025	75	#0	QAM16	18436.78	-36.85	-13	PASS
Band4	15	20325	75	#0	QPSK	19199.63	-36.03	-13	PASS
Band4	15	20325	75	#0	QAM16	19200.10	-36.47	-13	PASS
Band4	20	20050	100	#0	QPSK	19264.23	-37.01	-13	PASS
Band4	20	20050	100	#0	QAM16	19348.30	-36.68	-13	PASS
Band4	20	20300	100	#0	QPSK	19378.70	-36.69	-13	PASS
Band4	20	20300	100	#0	QAM16	19317.43	-36.38	-13	PASS

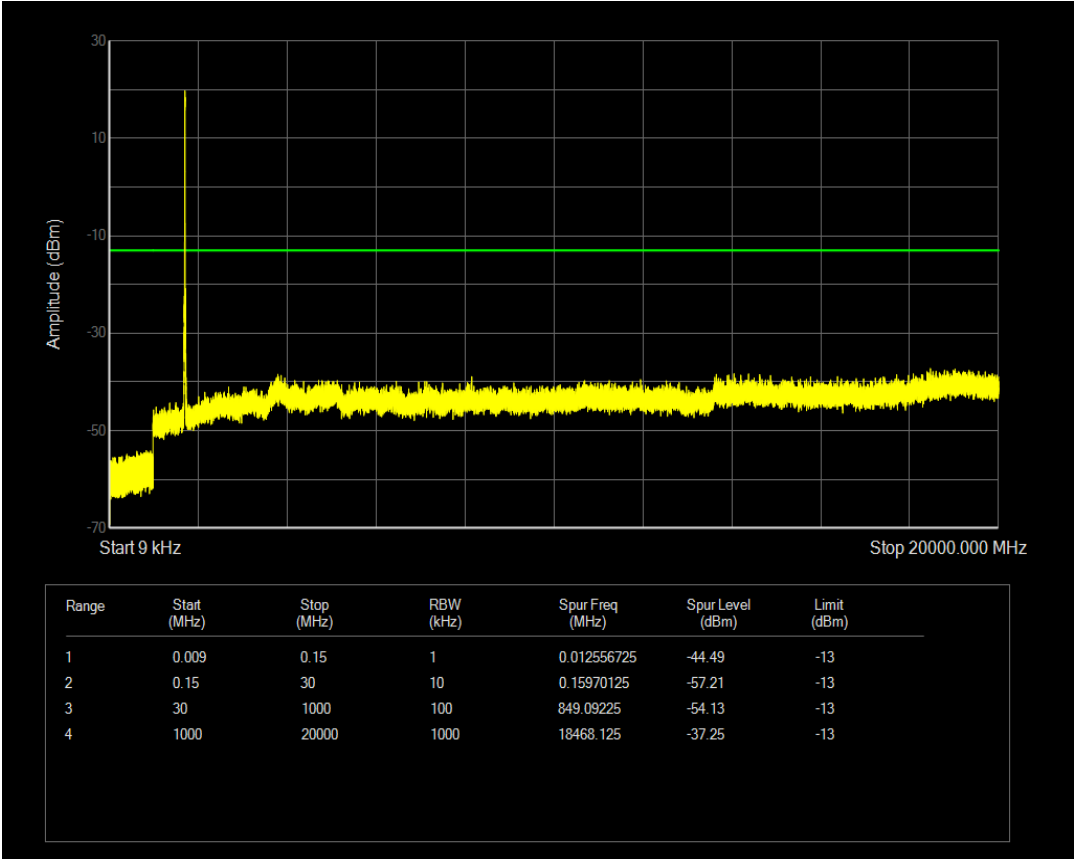
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



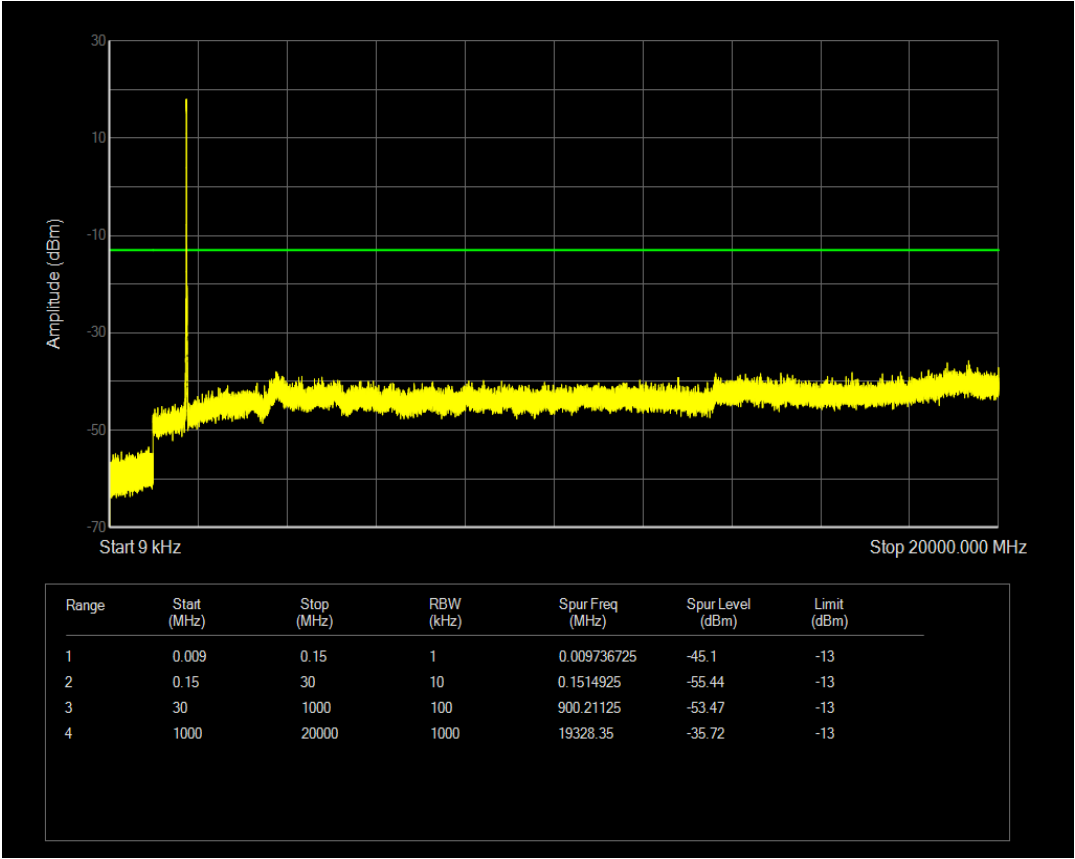
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



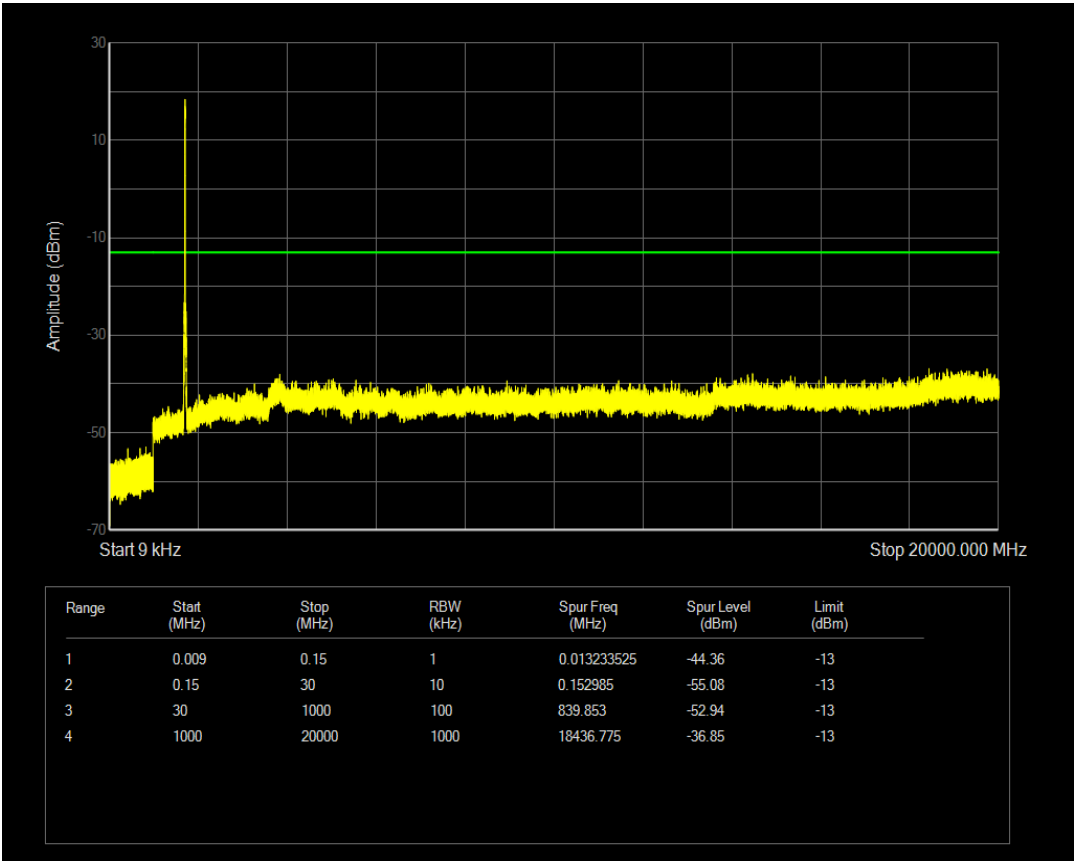
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



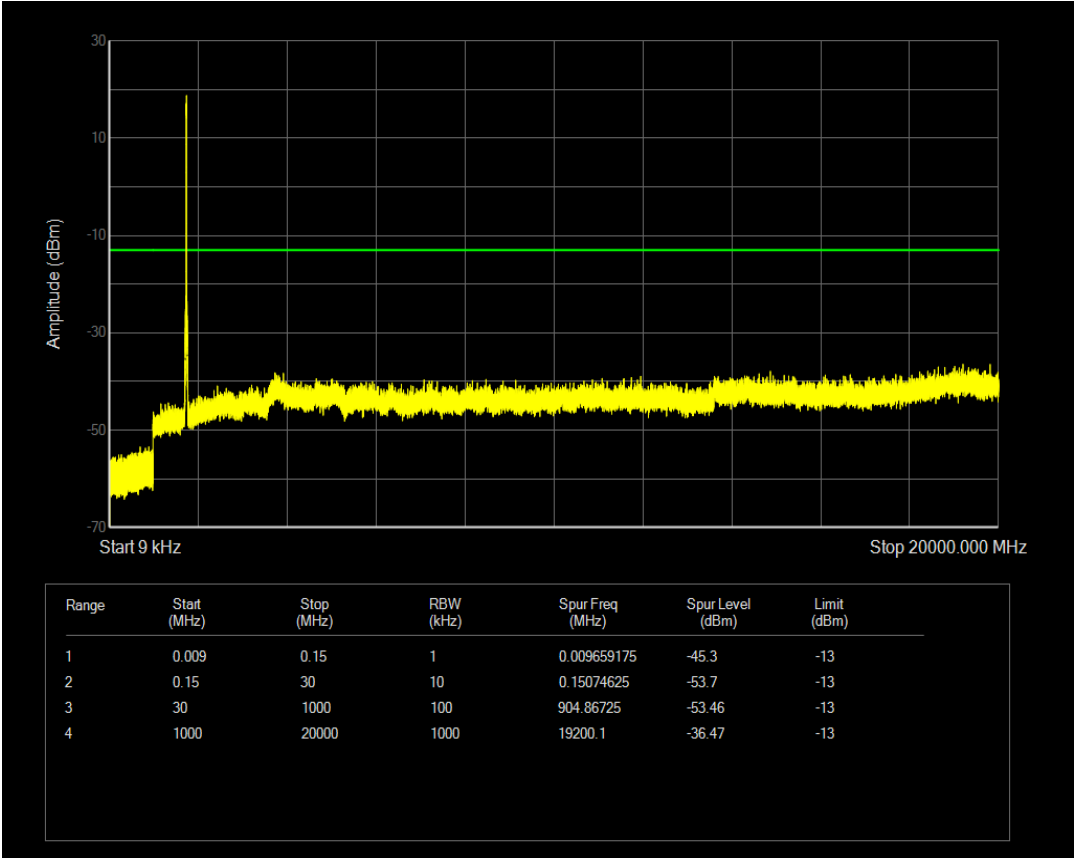
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



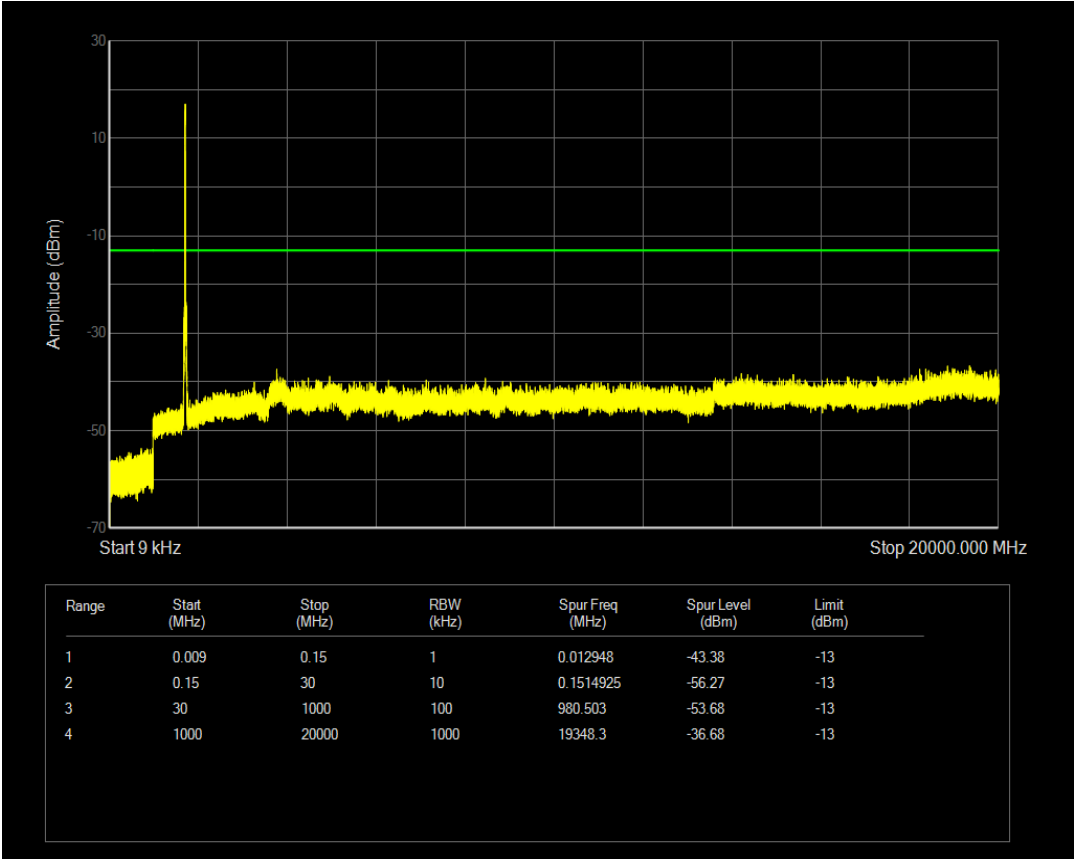
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



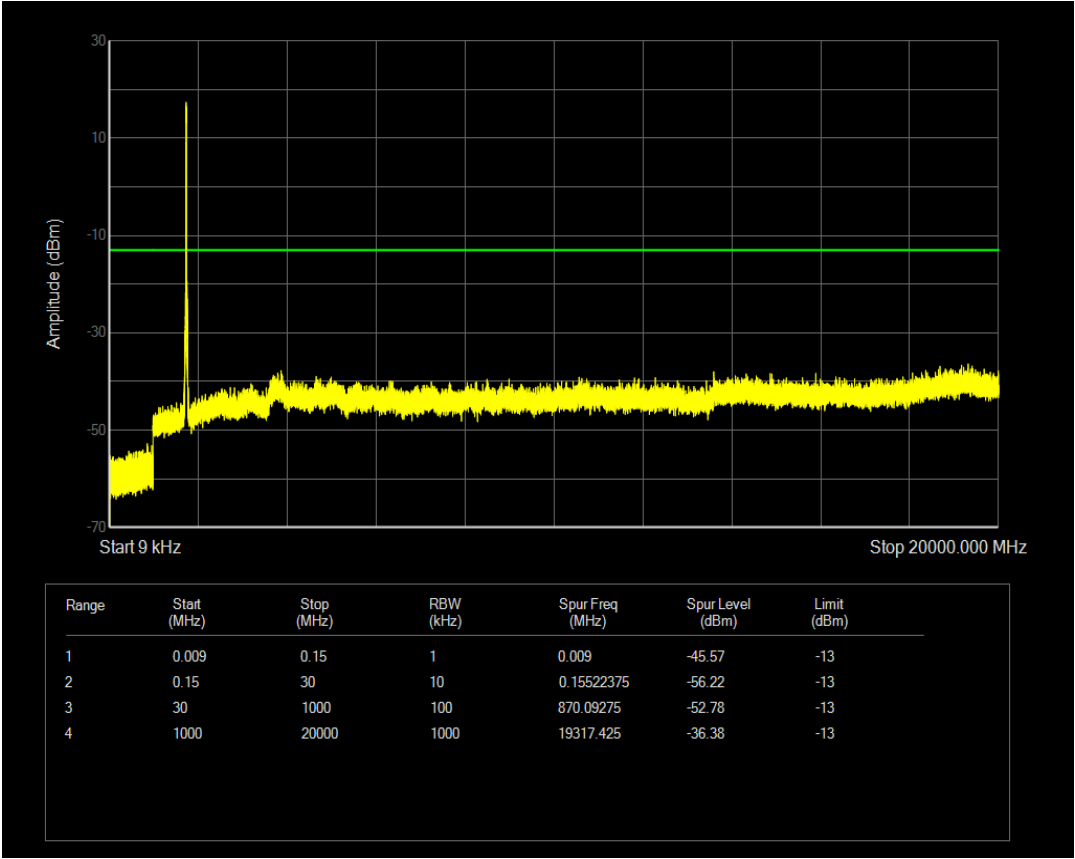
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



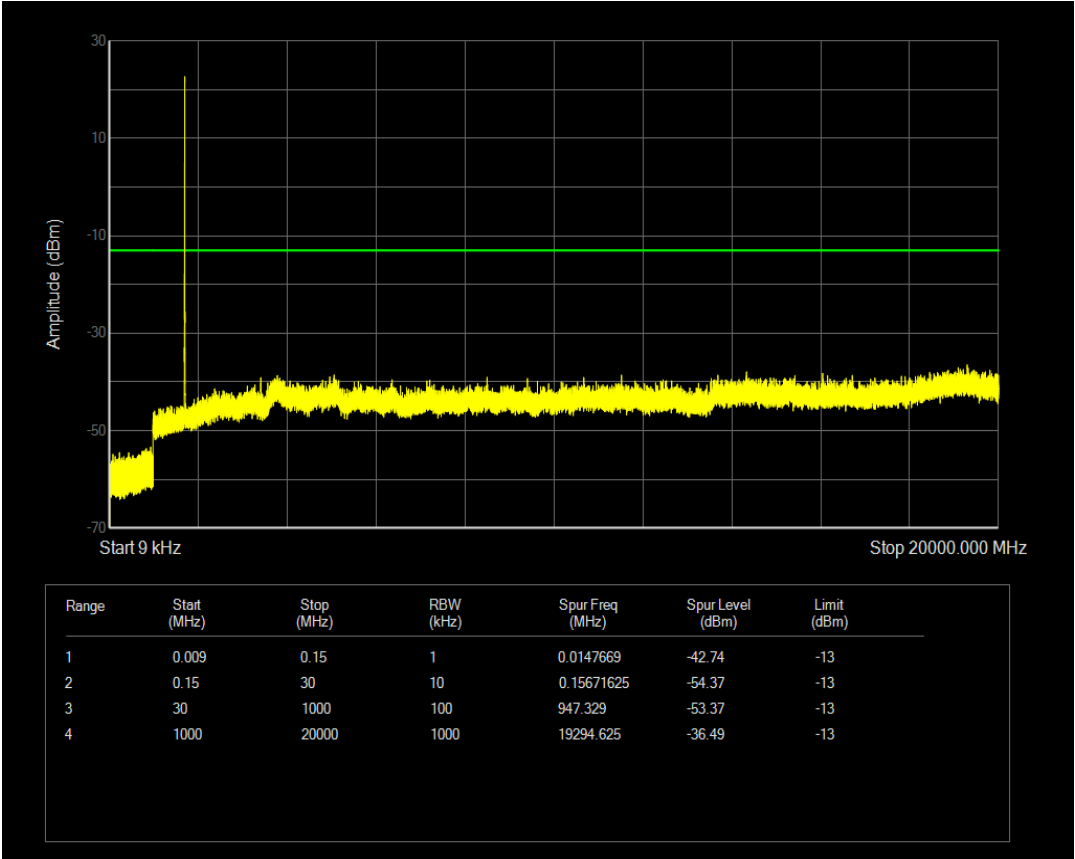
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



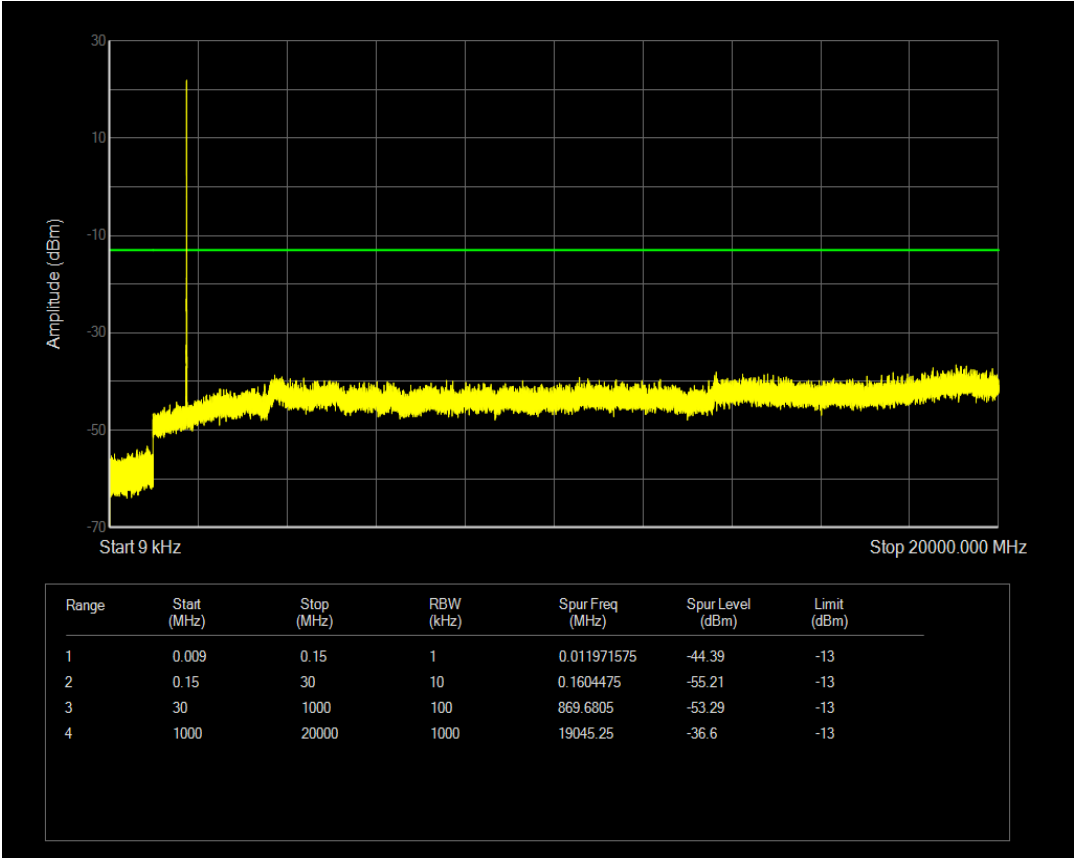
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



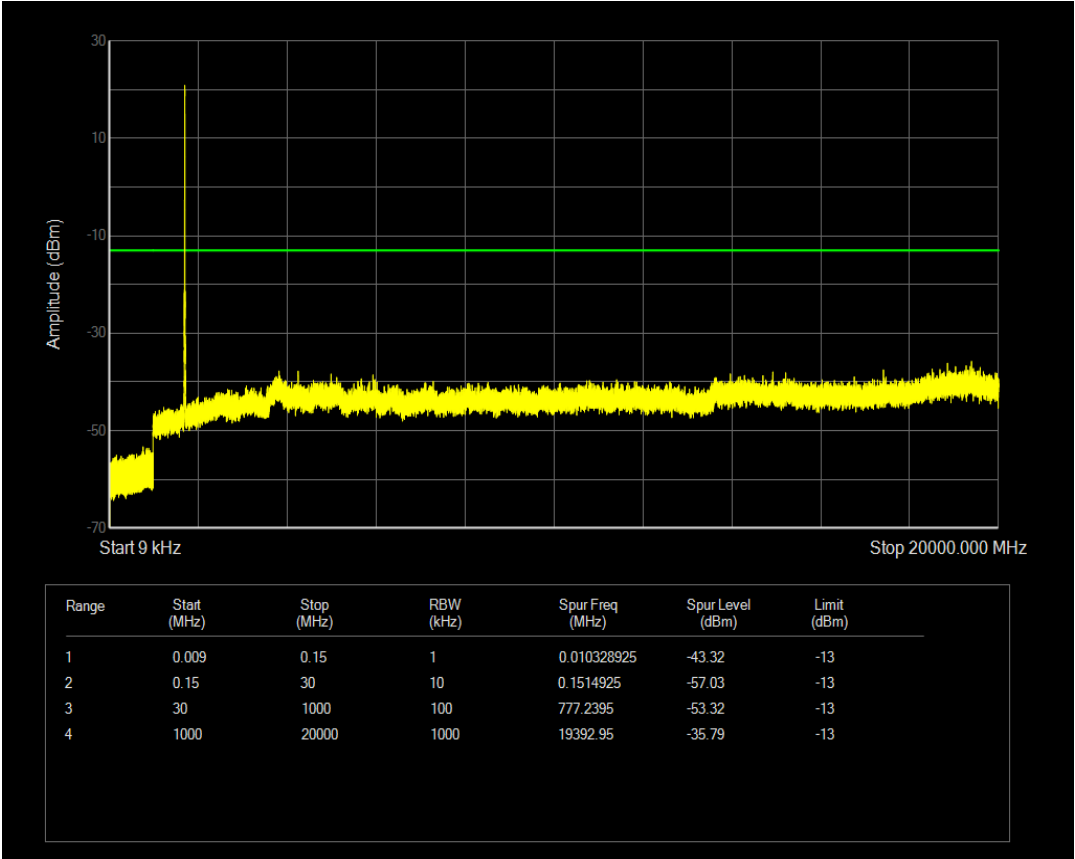
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



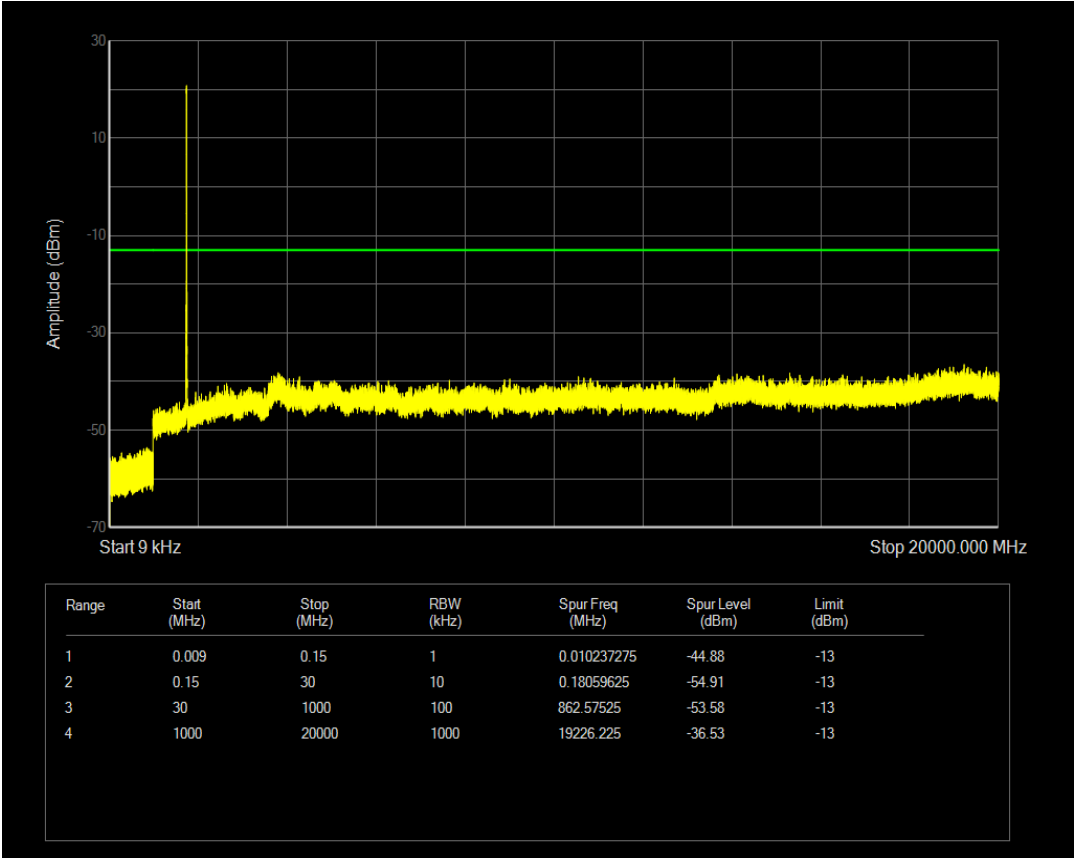
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



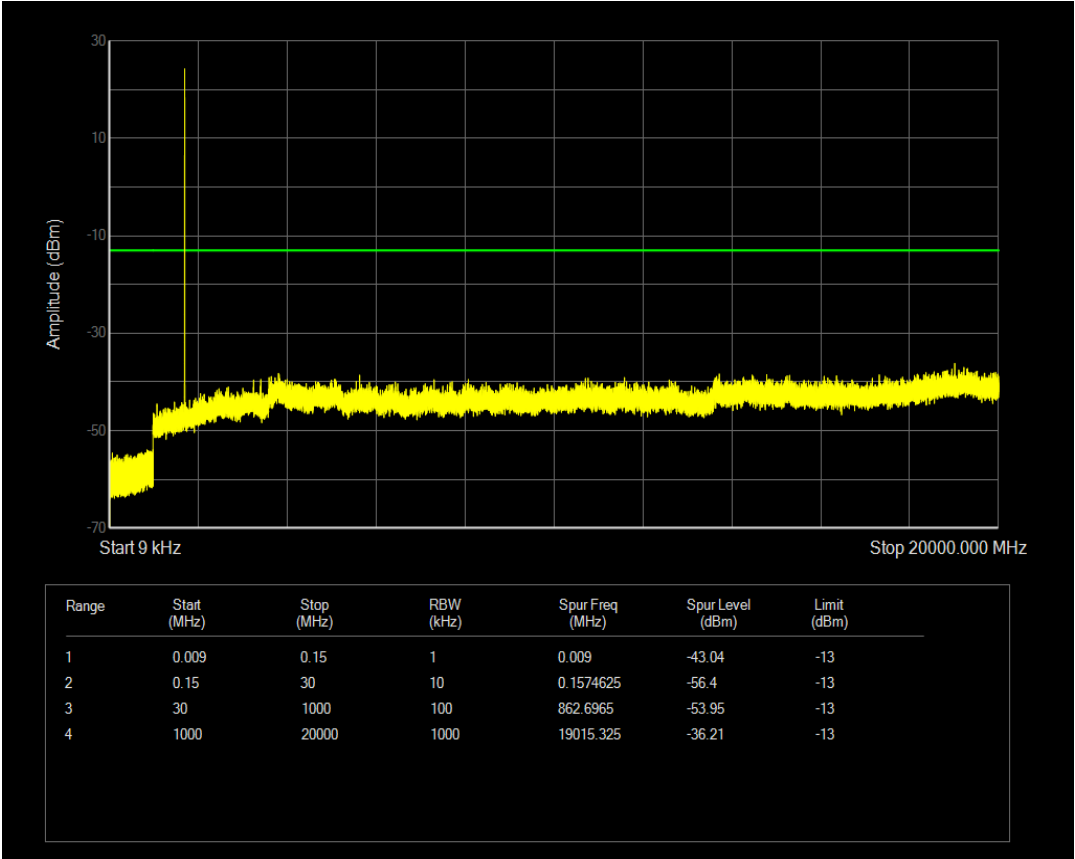
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



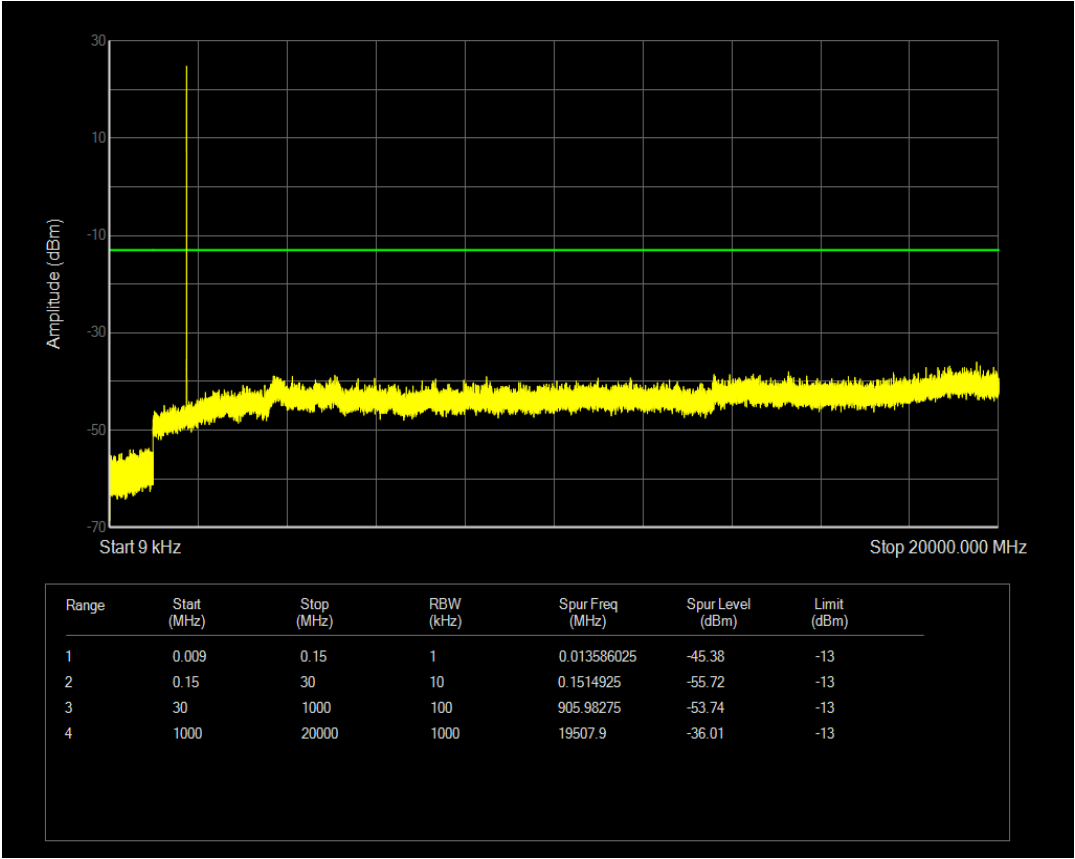
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



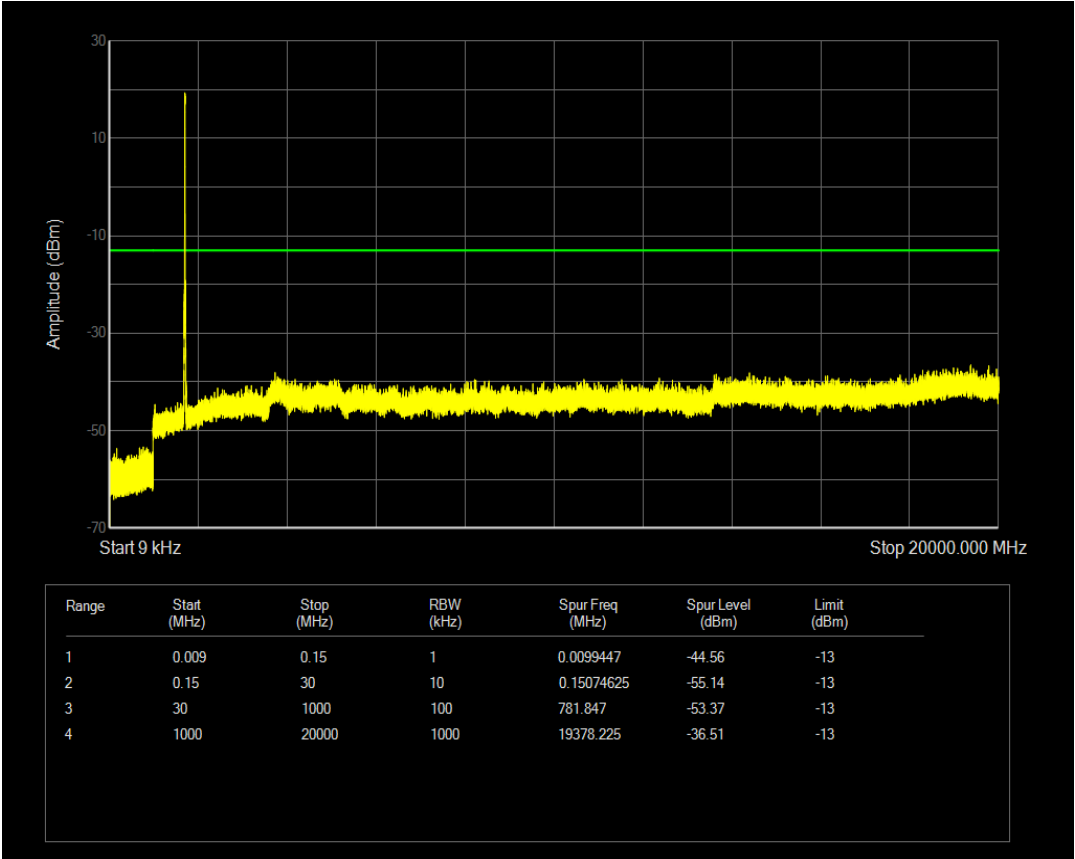
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



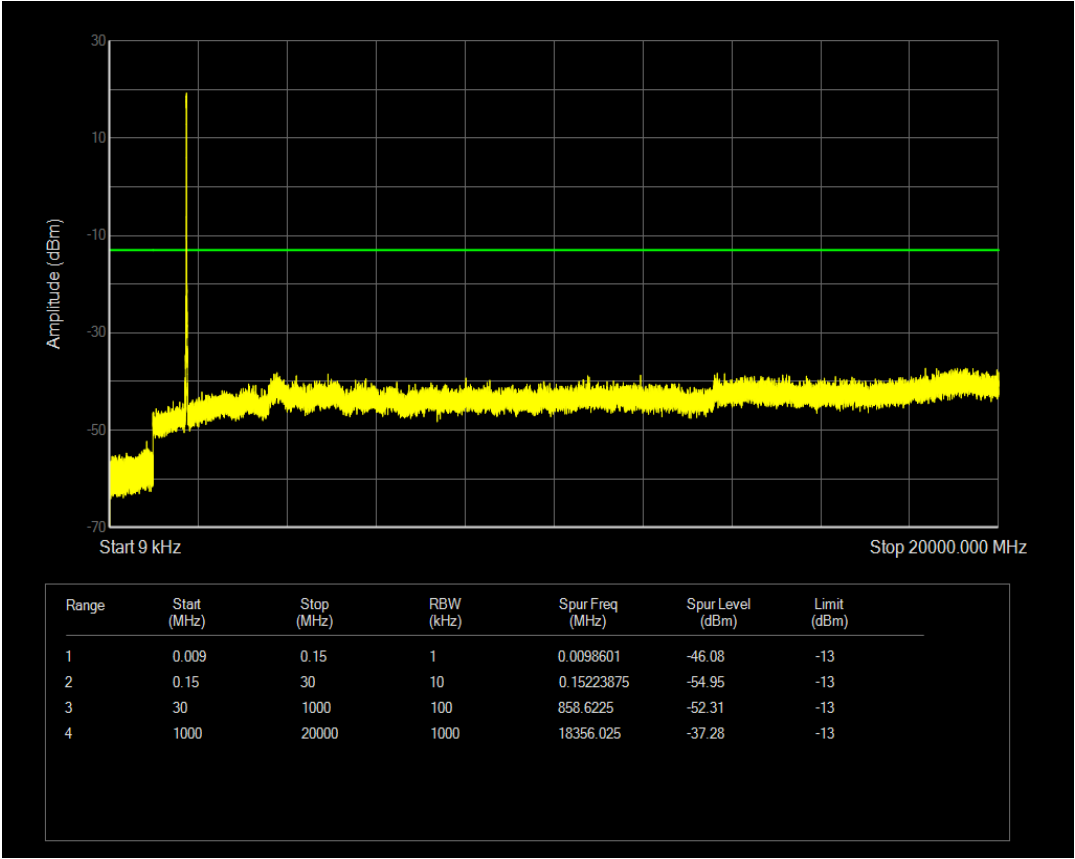
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



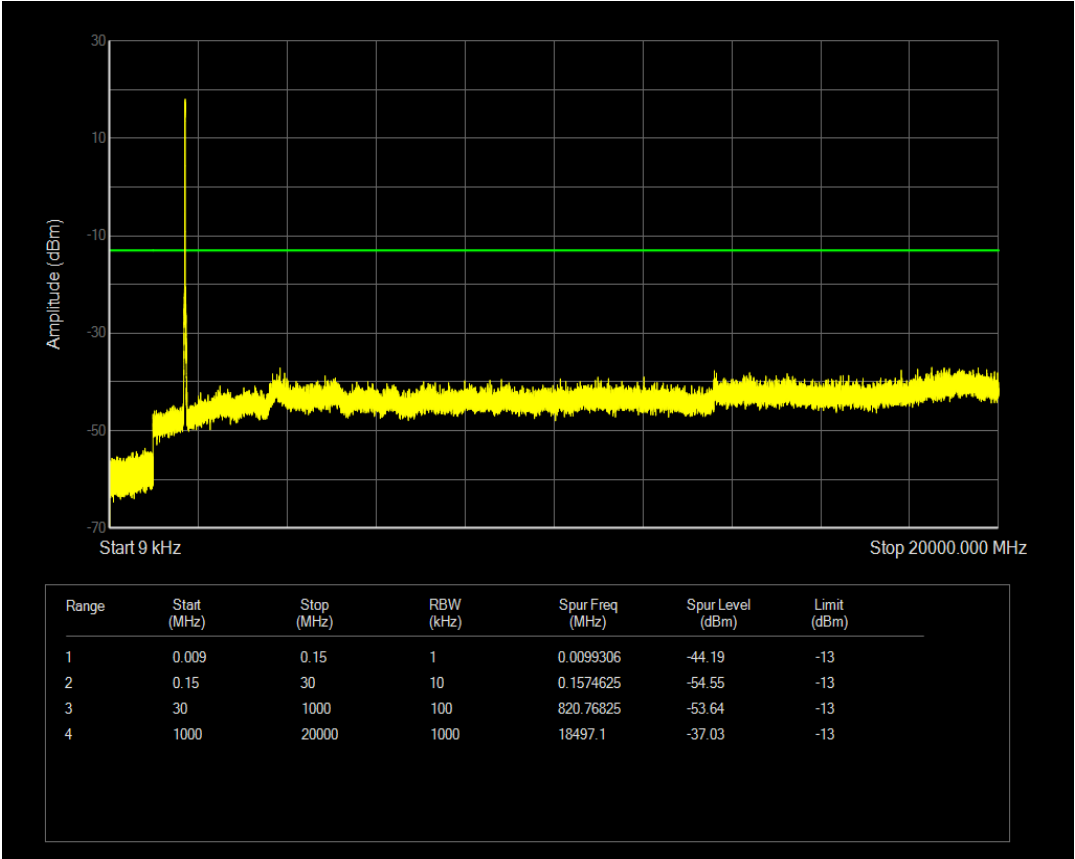
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



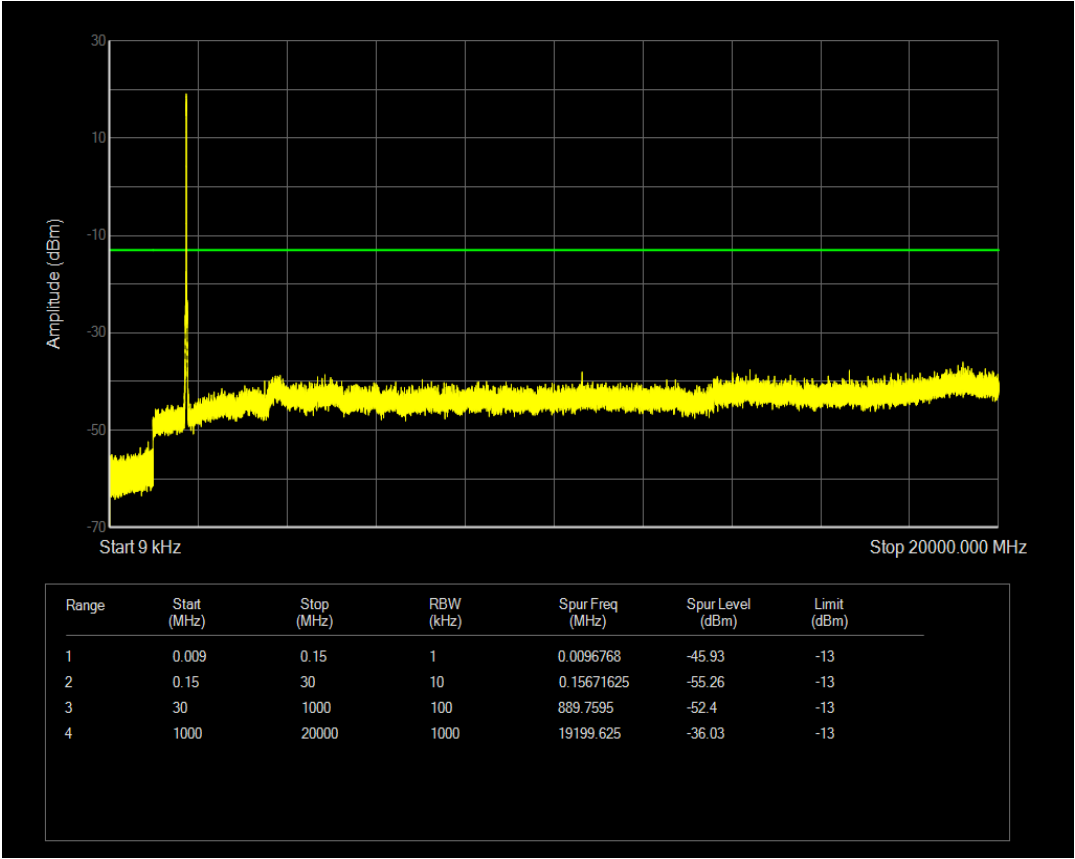
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



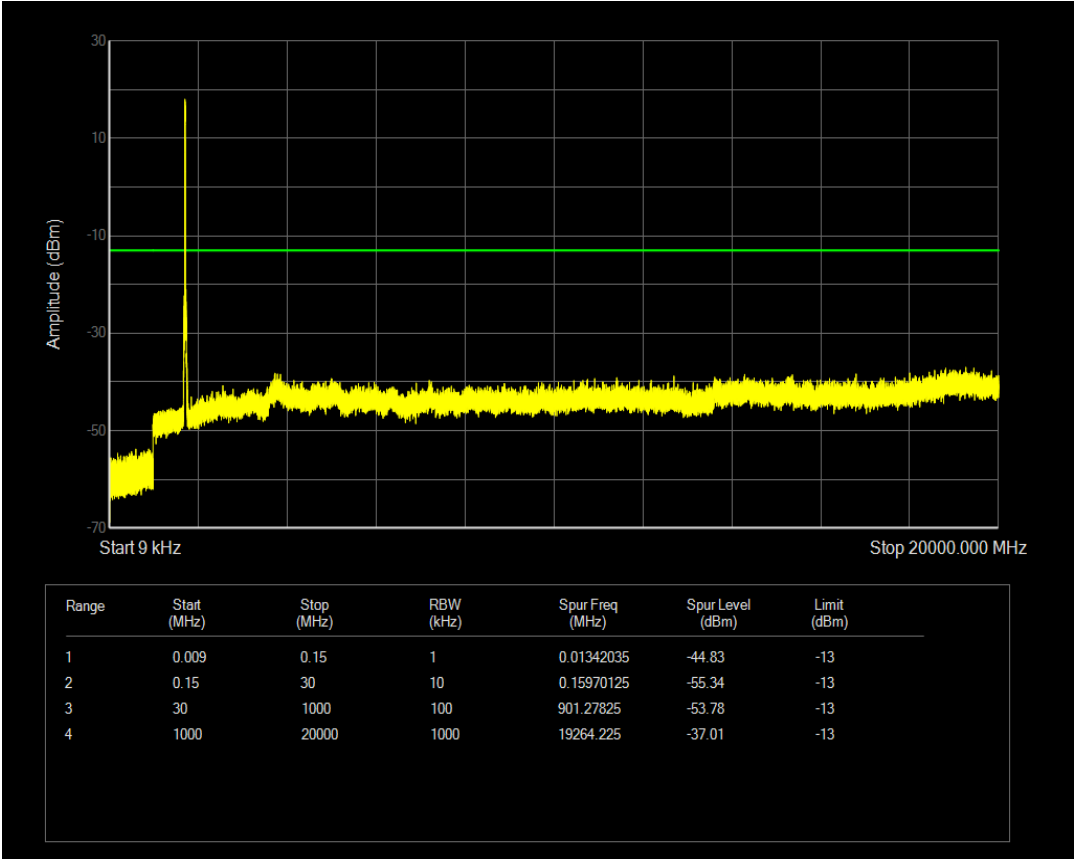
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



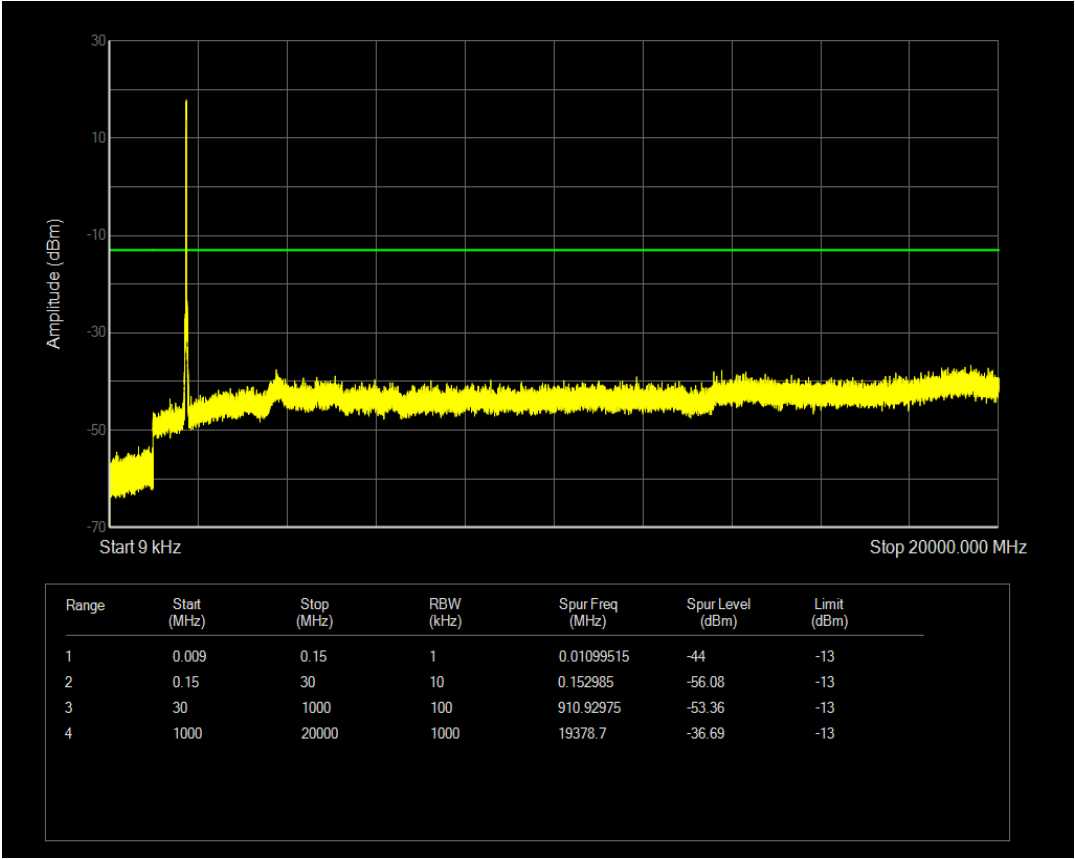
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



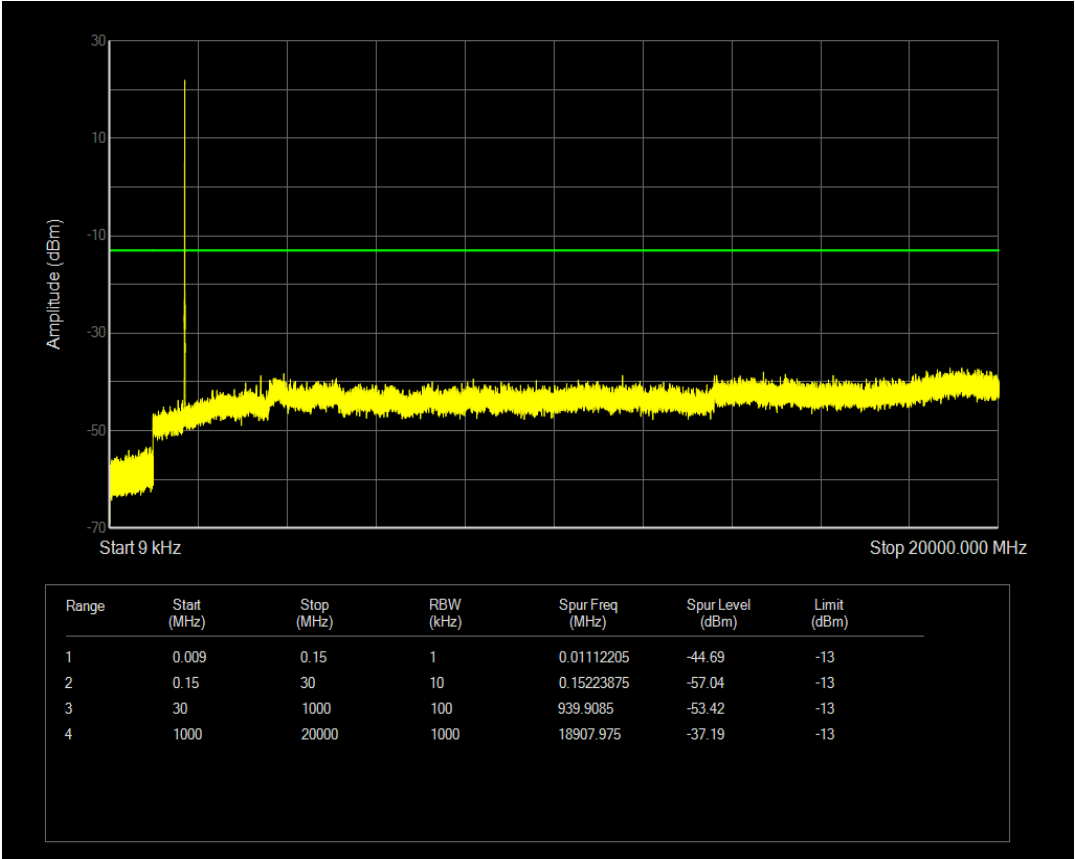
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



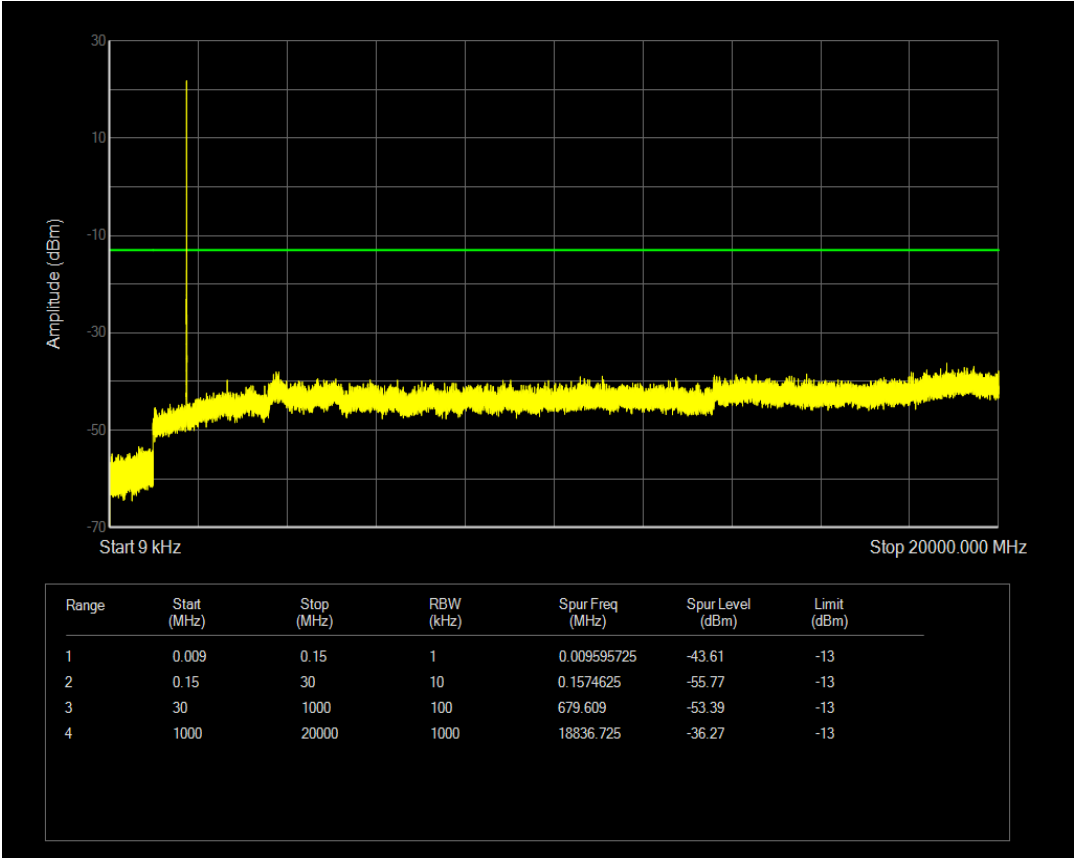
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



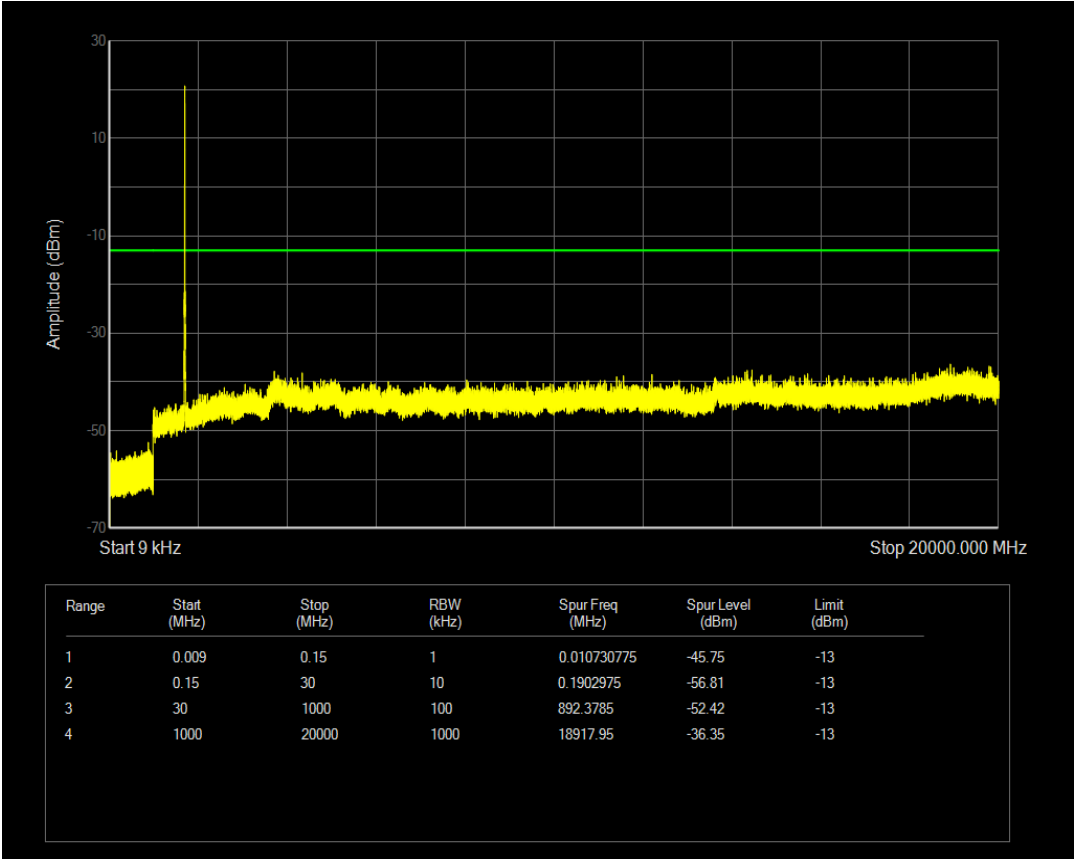
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



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

