

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	23.40	-2.95	20.45	30.00	PASS
Band4	1.4	19957	1	#Mid	QPSK	23.42	-2.95	20.47	30.00	PASS
Band4	1.4	19957	1	#Max	QPSK	23.35	-2.95	20.4	30.00	PASS
Band4	1.4	19957	3	#0	QPSK	22.97	-2.95	20.02	30.00	PASS
Band4	1.4	19957	3	#Mid	QPSK	22.96	-2.95	20.01	30.00	PASS
Band4	1.4	19957	3	#Max	QPSK	22.94	-2.95	19.99	30.00	PASS
Band4	1.4	19957	6	#0	QPSK	22.49	-2.95	19.54	30.00	PASS
Band4	1.4	19957	1	#0	QAM64	23.11	-2.95	20.16	30.00	PASS
Band4	1.4	19957	1	#Mid	QAM64	23.16	-2.95	20.21	30.00	PASS
Band4	1.4	19957	1	#Max	QAM64	23.13	-2.95	20.18	30.00	PASS
Band4	1.4	19957	3	#0	QAM64	22.83	-2.95	19.88	30.00	PASS
Band4	1.4	19957	3	#Mid	QAM64	22.80	-2.95	19.85	30.00	PASS
Band4	1.4	19957	3	#Max	QAM64	22.80	-2.95	19.85	30.00	PASS
Band4	1.4	19957	6	#0	QAM64	22.50	-2.95	19.55	30.00	PASS
Band4	1.4	20175	1	#0	QPSK	23.64	-2.95	20.69	30.00	PASS
Band4	1.4	20175	1	#Mid	QPSK	23.61	-2.95	20.66	30.00	PASS
Band4	1.4	20175	1	#Max	QPSK	23.53	-2.95	20.58	30.00	PASS
Band4	1.4	20175	3	#0	QPSK	23.22	-2.95	20.27	30.00	PASS
Band4	1.4	20175	3	#Mid	QPSK	23.20	-2.95	20.25	30.00	PASS
Band4	1.4	20175	3	#Max	QPSK	23.10	-2.95	20.15	30.00	PASS
Band4	1.4	20175	6	#0	QPSK	22.62	-2.95	19.67	30.00	PASS
Band4	1.4	20175	1	#0	QAM64	23.57	-2.95	20.62	30.00	PASS
Band4	1.4	20175	1	#Mid	QAM64	23.54	-2.95	20.59	30.00	PASS
Band4	1.4	20175	1	#Max	QAM64	23.45	-2.95	20.5	30.00	PASS
Band4	1.4	20175	3	#0	QAM64	23.13	-2.95	20.18	30.00	PASS
Band4	1.4	20175	3	#Mid	QAM64	23.14	-2.95	20.19	30.00	PASS
Band4	1.4	20175	3	#Max	QAM64	23.05	-2.95	20.1	30.00	PASS
Band4	1.4	20175	6	#0	QAM64	22.63	-2.95	19.68	30.00	PASS
Band4	1.4	20393	1	#0	QPSK	23.85	-2.95	20.9	30.00	PASS
Band4	1.4	20393	1	#Mid	QPSK	23.85	-2.95	20.9	30.00	PASS
Band4	1.4	20393	1	#Max	QPSK	23.84	-2.95	20.89	30.00	PASS
Band4	1.4	20393	3	#0	QPSK	23.38	-2.95	20.43	30.00	PASS
Band4	1.4	20393	3	#Mid	QPSK	23.37	-2.95	20.42	30.00	PASS
Band4	1.4	20393	3	#Max	QPSK	23.40	-2.95	20.45	30.00	PASS
Band4	1.4	20393	6	#0	QPSK	22.85	-2.95	19.9	30.00	PASS
Band4	1.4	20393	1	#0	QAM64	23.84	-2.95	20.89	30.00	PASS
Band4	1.4	20393	1	#Mid	QAM64	23.86	-2.95	20.91	30.00	PASS

Band4	1.4	20393	1	#Max	QAM64	23.80	-2.95	20.85	30.00	PASS
Band4	1.4	20393	3	#0	QAM64	23.36	-2.95	20.41	30.00	PASS
Band4	1.4	20393	3	#Mid	QAM64	23.34	-2.95	20.39	30.00	PASS
Band4	1.4	20393	3	#Max	QAM64	23.40	-2.95	20.45	30.00	PASS
Band4	1.4	20393	6	#0	QAM64	22.92	-2.95	19.97	30.00	PASS
Band4	3	19965	1	#0	QPSK	23.05	-2.95	20.1	30.00	PASS
Band4	3	19965	1	#Mid	QPSK	22.96	-2.95	20.01	30.00	PASS
Band4	3	19965	1	#Max	QPSK	23.04	-2.95	20.09	30.00	PASS
Band4	3	19965	8	#0	QPSK	22.58	-2.95	19.63	30.00	PASS
Band4	3	19965	8	#Mid	QPSK	22.51	-2.95	19.56	30.00	PASS
Band4	3	19965	8	#Max	QPSK	22.51	-2.95	19.56	30.00	PASS
Band4	3	19965	15	#0	QPSK	22.56	-2.95	19.61	30.00	PASS
Band4	3	19965	1	#0	QAM64	22.96	-2.95	20.01	30.00	PASS
Band4	3	19965	1	#Mid	QAM64	22.89	-2.95	19.94	30.00	PASS
Band4	3	19965	1	#Max	QAM64	22.98	-2.95	20.03	30.00	PASS
Band4	3	19965	8	#0	QAM64	22.51	-2.95	19.56	30.00	PASS
Band4	3	19965	8	#Mid	QAM64	22.56	-2.95	19.61	30.00	PASS
Band4	3	19965	8	#Max	QAM64	22.54	-2.95	19.59	30.00	PASS
Band4	3	19965	15	#0	QAM64	22.55	-2.95	19.6	30.00	PASS
Band4	3	20175	1	#0	QPSK	23.42	-2.95	20.47	30.00	PASS
Band4	3	20175	1	#Mid	QPSK	23.22	-2.95	20.27	30.00	PASS
Band4	3	20175	1	#Max	QPSK	23.23	-2.95	20.28	30.00	PASS
Band4	3	20175	8	#0	QPSK	22.71	-2.95	19.76	30.00	PASS
Band4	3	20175	8	#Mid	QPSK	22.65	-2.95	19.7	30.00	PASS
Band4	3	20175	8	#Max	QPSK	22.74	-2.95	19.79	30.00	PASS
Band4	3	20175	15	#0	QPSK	22.72	-2.95	19.77	30.00	PASS
Band4	3	20175	1	#0	QAM64	23.37	-2.95	20.42	30.00	PASS
Band4	3	20175	1	#Mid	QAM64	23.19	-2.95	20.24	30.00	PASS
Band4	3	20175	1	#Max	QAM64	23.21	-2.95	20.26	30.00	PASS
Band4	3	20175	8	#0	QAM64	22.71	-2.95	19.76	30.00	PASS
Band4	3	20175	8	#Mid	QAM64	22.70	-2.95	19.75	30.00	PASS
Band4	3	20175	8	#Max	QAM64	22.72	-2.95	19.77	30.00	PASS
Band4	3	20175	15	#0	QAM64	22.70	-2.95	19.75	30.00	PASS
Band4	3	20385	1	#0	QPSK	23.83	-2.95	20.88	30.00	PASS
Band4	3	20385	1	#Mid	QPSK	23.66	-2.95	20.71	30.00	PASS
Band4	3	20385	1	#Max	QPSK	23.74	-2.95	20.79	30.00	PASS
Band4	3	20385	8	#0	QPSK	22.99	-2.95	20.04	30.00	PASS
Band4	3	20385	8	#Mid	QPSK	22.89	-2.95	19.94	30.00	PASS
Band4	3	20385	8	#Max	QPSK	22.93	-2.95	19.98	30.00	PASS
Band4	3	20385	15	#0	QPSK	22.95	-2.95	20	30.00	PASS
Band4	3	20385	1	#0	QAM64	23.81	-2.95	20.86	30.00	PASS
Band4	3	20385	1	#Mid	QAM64	23.67	-2.95	20.72	30.00	PASS
Band4	3	20385	1	#Max	QAM64	23.74	-2.95	20.79	30.00	PASS
Band4	3	20385	8	#0	QAM64	22.98	-2.95	20.03	30.00	PASS

Band4	3	20385	8	#Mid	QAM64	22.93	-2.95	19.98	30.00	PASS
Band4	3	20385	8	#Max	QAM64	22.94	-2.95	19.99	30.00	PASS
Band4	3	20385	15	#0	QAM64	22.93	-2.95	19.98	30.00	PASS
Band4	5	19975	1	#0	QPSK	23.07	-2.95	20.12	30.00	PASS
Band4	5	19975	1	#Mid	QPSK	23.00	-2.95	20.05	30.00	PASS
Band4	5	19975	1	#Max	QPSK	22.91	-2.95	19.96	30.00	PASS
Band4	5	19975	12	#0	QPSK	22.64	-2.95	19.69	30.00	PASS
Band4	5	19975	12	#Mid	QPSK	22.59	-2.95	19.64	30.00	PASS
Band4	5	19975	12	#Max	QPSK	22.58	-2.95	19.63	30.00	PASS
Band4	5	19975	25	#0	QPSK	22.64	-2.95	19.69	30.00	PASS
Band4	5	19975	1	#0	QAM64	22.99	-2.95	20.04	30.00	PASS
Band4	5	19975	1	#Mid	QAM64	22.93	-2.95	19.98	30.00	PASS
Band4	5	19975	1	#Max	QAM64	22.85	-2.95	19.9	30.00	PASS
Band4	5	19975	12	#0	QAM64	22.65	-2.95	19.7	30.00	PASS
Band4	5	19975	12	#Mid	QAM64	22.59	-2.95	19.64	30.00	PASS
Band4	5	19975	12	#Max	QAM64	22.58	-2.95	19.63	30.00	PASS
Band4	5	19975	25	#0	QAM64	22.66	-2.95	19.71	30.00	PASS
Band4	5	20175	1	#0	QPSK	23.42	-2.95	20.47	30.00	PASS
Band4	5	20175	1	#Mid	QPSK	23.19	-2.95	20.24	30.00	PASS
Band4	5	20175	1	#Max	QPSK	23.21	-2.95	20.26	30.00	PASS
Band4	5	20175	12	#0	QPSK	22.77	-2.95	19.82	30.00	PASS
Band4	5	20175	12	#Mid	QPSK	22.75	-2.95	19.8	30.00	PASS
Band4	5	20175	12	#Max	QPSK	22.76	-2.95	19.81	30.00	PASS
Band4	5	20175	25	#0	QPSK	22.84	-2.95	19.89	30.00	PASS
Band4	5	20175	1	#0	QAM64	23.38	-2.95	20.43	30.00	PASS
Band4	5	20175	1	#Mid	QAM64	23.16	-2.95	20.21	30.00	PASS
Band4	5	20175	1	#Max	QAM64	23.19	-2.95	20.24	30.00	PASS
Band4	5	20175	12	#0	QAM64	22.80	-2.95	19.85	30.00	PASS
Band4	5	20175	12	#Mid	QAM64	22.77	-2.95	19.82	30.00	PASS
Band4	5	20175	12	#Max	QAM64	22.76	-2.95	19.81	30.00	PASS
Band4	5	20175	25	#0	QAM64	22.84	-2.95	19.89	30.00	PASS
Band4	5	20375	1	#0	QPSK	23.74	-2.95	20.79	30.00	PASS
Band4	5	20375	1	#Mid	QPSK	23.50	-2.95	20.55	30.00	PASS
Band4	5	20375	1	#Max	QPSK	23.50	-2.95	20.55	30.00	PASS
Band4	5	20375	12	#0	QPSK	23.01	-2.95	20.06	30.00	PASS
Band4	5	20375	12	#Mid	QPSK	23.00	-2.95	20.05	30.00	PASS
Band4	5	20375	12	#Max	QPSK	22.99	-2.95	20.04	30.00	PASS
Band4	5	20375	25	#0	QPSK	23.05	-2.95	20.1	30.00	PASS
Band4	5	20375	1	#0	QAM64	23.75	-2.95	20.8	30.00	PASS
Band4	5	20375	1	#Mid	QAM64	23.51	-2.95	20.56	30.00	PASS
Band4	5	20375	1	#Max	QAM64	23.51	-2.95	20.56	30.00	PASS
Band4	5	20375	12	#0	QAM64	23.02	-2.95	20.07	30.00	PASS
Band4	5	20375	12	#Mid	QAM64	22.97	-2.95	20.02	30.00	PASS
Band4	5	20375	12	#Max	QAM64	23.00	-2.95	20.05	30.00	PASS

Band4	5	20375	25	#0	QAM64	23.05	-2.95	20.1	30.00	PASS
Band4	10	20000	1	#0	QPSK	22.69	-2.95	19.74	30.00	PASS
Band4	10	20000	1	#Mid	QPSK	22.82	-2.95	19.87	30.00	PASS
Band4	10	20000	1	#Max	QPSK	22.86	-2.95	19.91	30.00	PASS
Band4	10	20000	25	#0	QPSK	22.65	-2.95	19.7	30.00	PASS
Band4	10	20000	25	#Mid	QPSK	22.63	-2.95	19.68	30.00	PASS
Band4	10	20000	25	#Max	QPSK	22.66	-2.95	19.71	30.00	PASS
Band4	10	20000	50	#0	QPSK	22.66	-2.95	19.71	30.00	PASS
Band4	10	20000	1	#0	QAM64	22.56	-2.95	19.61	30.00	PASS
Band4	10	20000	1	#Mid	QAM64	22.73	-2.95	19.78	30.00	PASS
Band4	10	20000	1	#Max	QAM64	22.77	-2.95	19.82	30.00	PASS
Band4	10	20000	25	#0	QAM64	22.66	-2.95	19.71	30.00	PASS
Band4	10	20000	25	#Mid	QAM64	22.63	-2.95	19.68	30.00	PASS
Band4	10	20000	25	#Max	QAM64	22.64	-2.95	19.69	30.00	PASS
Band4	10	20000	50	#0	QAM64	22.64	-2.95	19.69	30.00	PASS
Band4	10	20175	1	#0	QPSK	22.90	-2.95	19.95	30.00	PASS
Band4	10	20175	1	#Mid	QPSK	23.08	-2.95	20.13	30.00	PASS
Band4	10	20175	1	#Max	QPSK	23.02	-2.95	20.07	30.00	PASS
Band4	10	20175	25	#0	QPSK	22.81	-2.95	19.86	30.00	PASS
Band4	10	20175	25	#Mid	QPSK	22.77	-2.95	19.82	30.00	PASS
Band4	10	20175	25	#Max	QPSK	22.80	-2.95	19.85	30.00	PASS
Band4	10	20175	50	#0	QPSK	22.82	-2.95	19.87	30.00	PASS
Band4	10	20175	1	#0	QAM64	22.90	-2.95	19.95	30.00	PASS
Band4	10	20175	1	#Mid	QAM64	23.09	-2.95	20.14	30.00	PASS
Band4	10	20175	1	#Max	QAM64	23.03	-2.95	20.08	30.00	PASS
Band4	10	20175	25	#0	QAM64	22.84	-2.95	19.89	30.00	PASS
Band4	10	20175	25	#Mid	QAM64	22.77	-2.95	19.82	30.00	PASS
Band4	10	20175	25	#Max	QAM64	22.81	-2.95	19.86	30.00	PASS
Band4	10	20175	50	#0	QAM64	22.83	-2.95	19.88	30.00	PASS
Band4	10	20350	1	#0	QPSK	23.44	-2.95	20.49	30.00	PASS
Band4	10	20350	1	#Mid	QPSK	23.58	-2.95	20.63	30.00	PASS
Band4	10	20350	1	#Max	QPSK	23.46	-2.95	20.51	30.00	PASS
Band4	10	20350	25	#0	QPSK	22.99	-2.95	20.04	30.00	PASS
Band4	10	20350	25	#Mid	QPSK	22.99	-2.95	20.04	30.00	PASS
Band4	10	20350	25	#Max	QPSK	22.99	-2.95	20.04	30.00	PASS
Band4	10	20350	50	#0	QPSK	23.01	-2.95	20.06	30.00	PASS
Band4	10	20350	1	#0	QAM64	23.42	-2.95	20.47	30.00	PASS
Band4	10	20350	1	#Mid	QAM64	23.57	-2.95	20.62	30.00	PASS
Band4	10	20350	1	#Max	QAM64	23.45	-2.95	20.5	30.00	PASS
Band4	10	20350	25	#0	QAM64	22.98	-2.95	20.03	30.00	PASS
Band4	10	20350	25	#Mid	QAM64	22.99	-2.95	20.04	30.00	PASS
Band4	10	20350	25	#Max	QAM64	23.00	-2.95	20.05	30.00	PASS
Band4	10	20350	50	#0	QAM64	23.00	-2.95	20.05	30.00	PASS
Band4	15	20025	1	#0	QPSK	23.61	-2.95	20.66	30.00	PASS

Band4	15	20025	1	#Mid	QPSK	23.64	-2.95	20.69	30.00	PASS
Band4	15	20025	1	#Max	QPSK	23.53	-2.95	20.58	30.00	PASS
Band4	15	20025	36	#0	QPSK	22.58	-2.95	19.63	30.00	PASS
Band4	15	20025	36	#Mid	QPSK	22.58	-2.95	19.63	30.00	PASS
Band4	15	20025	36	#Max	QPSK	22.66	-2.95	19.71	30.00	PASS
Band4	15	20025	75	#0	QPSK	22.65	-2.95	19.7	30.00	PASS
Band4	15	20025	1	#0	QAM64	23.33	-2.95	20.38	30.00	PASS
Band4	15	20025	1	#Mid	QAM64	23.42	-2.95	20.47	30.00	PASS
Band4	15	20025	1	#Max	QAM64	23.29	-2.95	20.34	30.00	PASS
Band4	15	20025	36	#0	QAM64	22.60	-2.95	19.65	30.00	PASS
Band4	15	20025	36	#Mid	QAM64	22.58	-2.95	19.63	30.00	PASS
Band4	15	20025	36	#Max	QAM64	22.66	-2.95	19.71	30.00	PASS
Band4	15	20025	75	#0	QAM64	22.66	-2.95	19.71	30.00	PASS
Band4	15	20175	1	#0	QPSK	23.35	-2.95	20.4	30.00	PASS
Band4	15	20175	1	#Mid	QPSK	23.45	-2.95	20.5	30.00	PASS
Band4	15	20175	1	#Max	QPSK	23.43	-2.95	20.48	30.00	PASS
Band4	15	20175	36	#0	QPSK	22.77	-2.95	19.82	30.00	PASS
Band4	15	20175	36	#Mid	QPSK	22.74	-2.95	19.79	30.00	PASS
Band4	15	20175	36	#Max	QPSK	22.78	-2.95	19.83	30.00	PASS
Band4	15	20175	75	#0	QPSK	22.79	-2.95	19.84	30.00	PASS
Band4	15	20175	1	#0	QAM64	23.27	-2.95	20.32	30.00	PASS
Band4	15	20175	1	#Mid	QAM64	23.38	-2.95	20.43	30.00	PASS
Band4	15	20175	1	#Max	QAM64	23.37	-2.95	20.42	30.00	PASS
Band4	15	20175	36	#0	QAM64	22.77	-2.95	19.82	30.00	PASS
Band4	15	20175	36	#Mid	QAM64	22.75	-2.95	19.8	30.00	PASS
Band4	15	20175	36	#Max	QAM64	22.75	-2.95	19.8	30.00	PASS
Band4	15	20175	75	#0	QAM64	22.78	-2.95	19.83	30.00	PASS
Band4	15	20325	1	#0	QPSK	23.72	-2.95	20.77	30.00	PASS
Band4	15	20325	1	#Mid	QPSK	23.72	-2.95	20.77	30.00	PASS
Band4	15	20325	1	#Max	QPSK	23.58	-2.95	20.63	30.00	PASS
Band4	15	20325	36	#0	QPSK	22.94	-2.95	19.99	30.00	PASS
Band4	15	20325	36	#Mid	QPSK	22.96	-2.95	20.01	30.00	PASS
Band4	15	20325	36	#Max	QPSK	23.00	-2.95	20.05	30.00	PASS
Band4	15	20325	75	#0	QPSK	22.95	-2.95	20	30.00	PASS
Band4	15	20325	1	#0	QAM64	23.72	-2.95	20.77	30.00	PASS
Band4	15	20325	1	#Mid	QAM64	23.72	-2.95	20.77	30.00	PASS
Band4	15	20325	1	#Max	QAM64	23.59	-2.95	20.64	30.00	PASS
Band4	15	20325	36	#0	QAM64	22.95	-2.95	20	30.00	PASS
Band4	15	20325	36	#Mid	QAM64	22.92	-2.95	19.97	30.00	PASS
Band4	15	20325	36	#Max	QAM64	22.96	-2.95	20.01	30.00	PASS
Band4	15	20325	75	#0	QAM64	22.94	-2.95	19.99	30.00	PASS
Band4	20	20050	1	#0	QPSK	22.94	-2.95	19.99	30.00	PASS
Band4	20	20050	1	#Mid	QPSK	23.19	-2.95	20.24	30.00	PASS
Band4	20	20050	1	#Max	QPSK	23.09	-2.95	20.14	30.00	PASS

Band4	20	20050	50	#0	QPSK	22.71	-2.95	19.76	30.00	PASS
Band4	20	20050	50	#Mid	QPSK	22.70	-2.95	19.75	30.00	PASS
Band4	20	20050	50	#Max	QPSK	22.76	-2.95	19.81	30.00	PASS
Band4	20	20050	100	#0	QPSK	22.74	-2.95	19.79	30.00	PASS
Band4	20	20050	1	#0	QAM64	22.80	-2.95	19.85	30.00	PASS
Band4	20	20050	1	#Mid	QAM64	23.07	-2.95	20.12	30.00	PASS
Band4	20	20050	1	#Max	QAM64	22.98	-2.95	20.03	30.00	PASS
Band4	20	20050	50	#0	QAM64	22.71	-2.95	19.76	30.00	PASS
Band4	20	20050	50	#Mid	QAM64	22.70	-2.95	19.75	30.00	PASS
Band4	20	20050	50	#Max	QAM64	22.77	-2.95	19.82	30.00	PASS
Band4	20	20050	100	#0	QAM64	22.74	-2.95	19.79	30.00	PASS
Band4	20	20175	1	#0	QPSK	23.03	-2.95	20.08	30.00	PASS
Band4	20	20175	1	#Mid	QPSK	23.28	-2.95	20.33	30.00	PASS
Band4	20	20175	1	#Max	QPSK	23.33	-2.95	20.38	30.00	PASS
Band4	20	20175	50	#0	QPSK	22.84	-2.95	19.89	30.00	PASS
Band4	20	20175	50	#Mid	QPSK	22.86	-2.95	19.91	30.00	PASS
Band4	20	20175	50	#Max	QPSK	22.89	-2.95	19.94	30.00	PASS
Band4	20	20175	100	#0	QPSK	22.86	-2.95	19.91	30.00	PASS
Band4	20	20175	1	#0	QAM64	23.00	-2.95	20.05	30.00	PASS
Band4	20	20175	1	#Mid	QAM64	23.26	-2.95	20.31	30.00	PASS
Band4	20	20175	1	#Max	QAM64	23.33	-2.95	20.38	30.00	PASS
Band4	20	20175	50	#0	QAM64	22.84	-2.95	19.89	30.00	PASS
Band4	20	20175	50	#Mid	QAM64	22.86	-2.95	19.91	30.00	PASS
Band4	20	20175	50	#Max	QAM64	22.89	-2.95	19.94	30.00	PASS
Band4	20	20175	100	#0	QAM64	22.86	-2.95	19.91	30.00	PASS
Band4	20	20300	1	#0	QPSK	23.30	-2.95	20.35	30.00	PASS
Band4	20	20300	1	#Mid	QPSK	23.53	-2.95	20.58	30.00	PASS
Band4	20	20300	1	#Max	QPSK	23.46	-2.95	20.51	30.00	PASS
Band4	20	20300	50	#0	QPSK	22.94	-2.95	19.99	30.00	PASS
Band4	20	20300	50	#Mid	QPSK	22.98	-2.95	20.03	30.00	PASS
Band4	20	20300	50	#Max	QPSK	23.05	-2.95	20.1	30.00	PASS
Band4	20	20300	100	#0	QPSK	22.98	-2.95	20.03	30.00	PASS
Band4	20	20300	1	#0	QAM64	23.27	-2.95	20.32	30.00	PASS
Band4	20	20300	1	#Mid	QAM64	23.49	-2.95	20.54	30.00	PASS
Band4	20	20300	1	#Max	QAM64	23.42	-2.95	20.47	30.00	PASS
Band4	20	20300	50	#0	QAM64	22.94	-2.95	19.99	30.00	PASS
Band4	20	20300	50	#Mid	QAM64	22.96	-2.95	20.01	30.00	PASS
Band4	20	20300	50	#Max	QAM64	23.04	-2.95	20.09	30.00	PASS
Band4	20	20300	100	#0	QAM64	22.99	-2.95	20.04	30.00	PASS

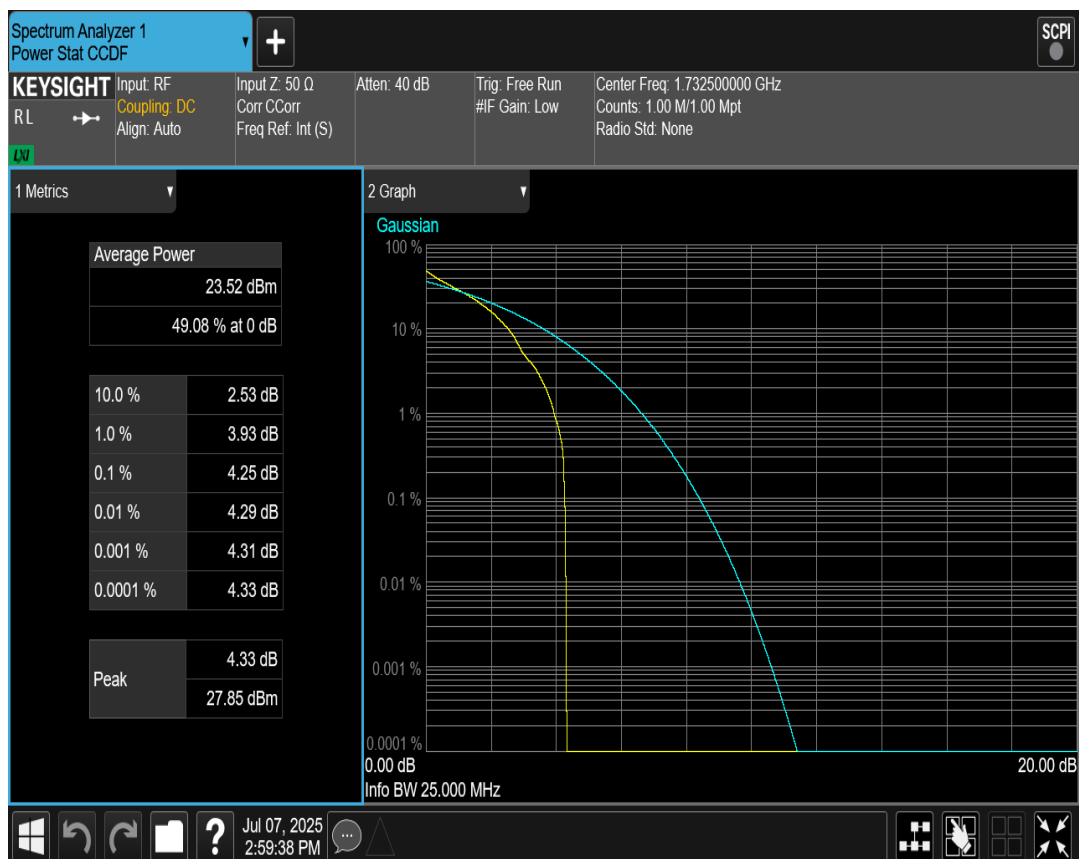
2 Frequency stability

<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	-5.04	-0.003	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM64	-3.26	-0.002	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	-4.97	-0.003	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM64	-6.07	-0.004	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	-4.09	-0.002	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM64	0.41	0.000	-2.5	2.5	PASS

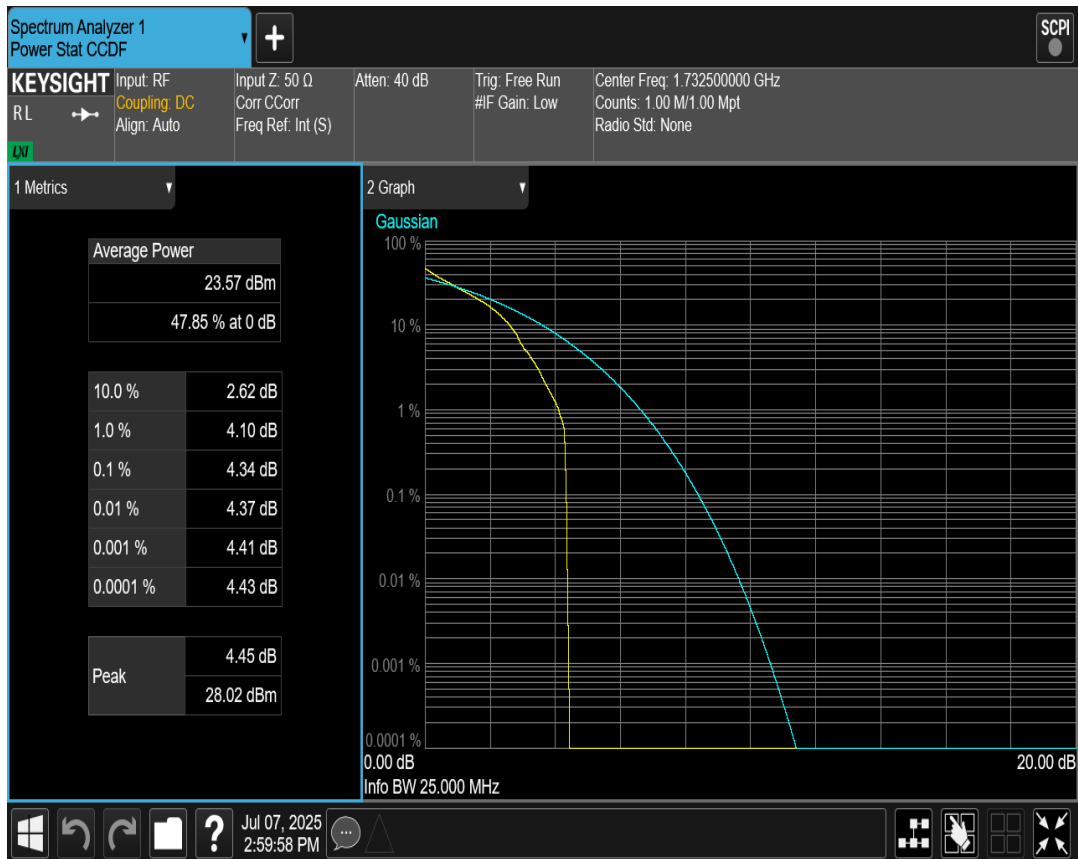
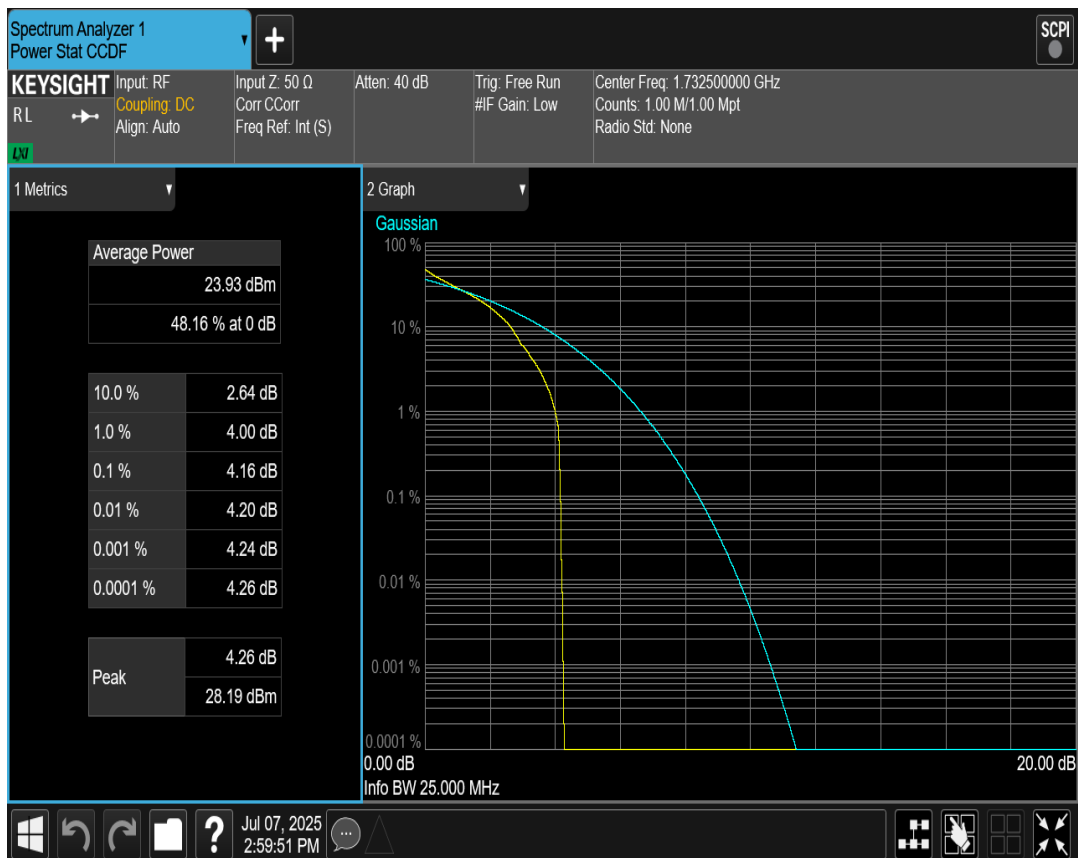
3 Peak-to-Average Ratio

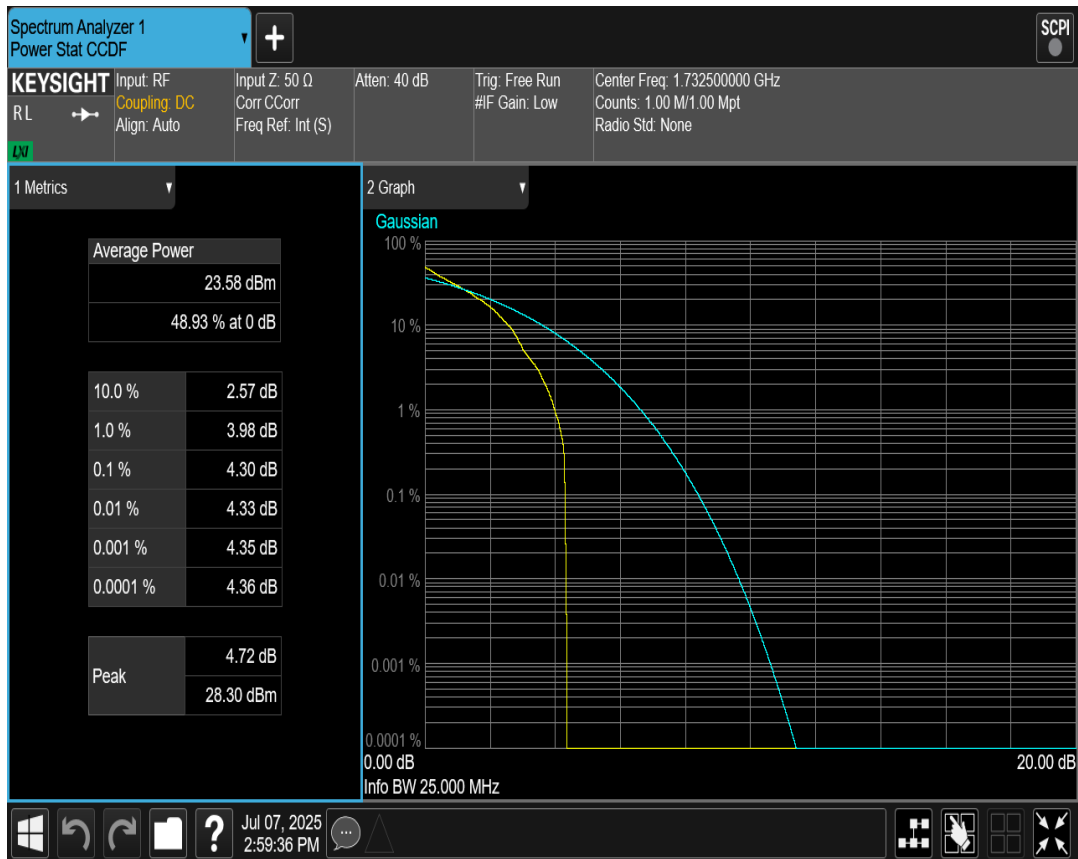
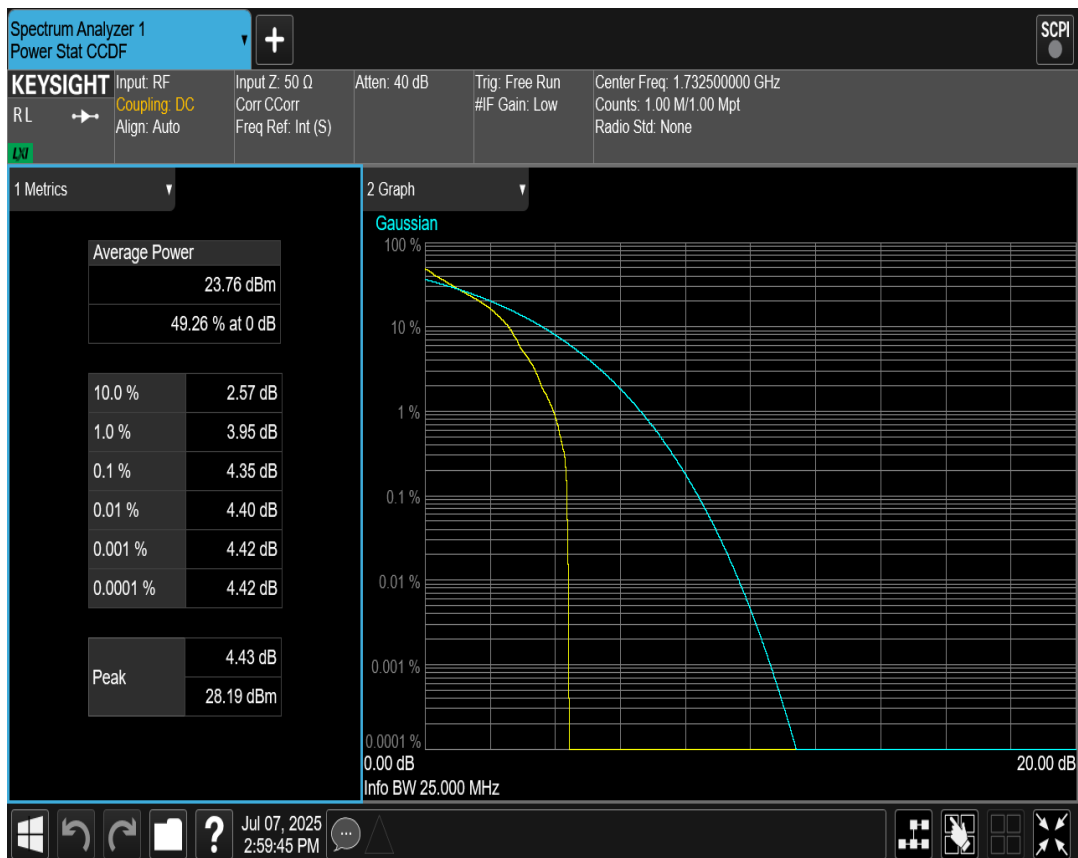
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QPSK	4.30	13	PASS
Band4	1.4	20175	1	#0	QAM64	4.25	13	PASS
Band4	3	20175	1	#0	QPSK	4.32	13	PASS
Band4	3	20175	1	#0	QAM64	4.35	13	PASS
Band4	5	20175	1	#0	QPSK	4.12	13	PASS
Band4	5	20175	1	#0	QAM64	4.16	13	PASS
Band4	10	20175	1	#0	QPSK	4.29	13	PASS
Band4	10	20175	1	#0	QAM64	4.34	13	PASS
Band4	15	20175	1	#0	QPSK	3.90	13	PASS
Band4	15	20175	1	#0	QAM64	3.86	13	PASS
Band4	20	20175	1	#0	QPSK	3.91	13	PASS
Band4	20	20175	1	#0	QAM64	3.98	13	PASS

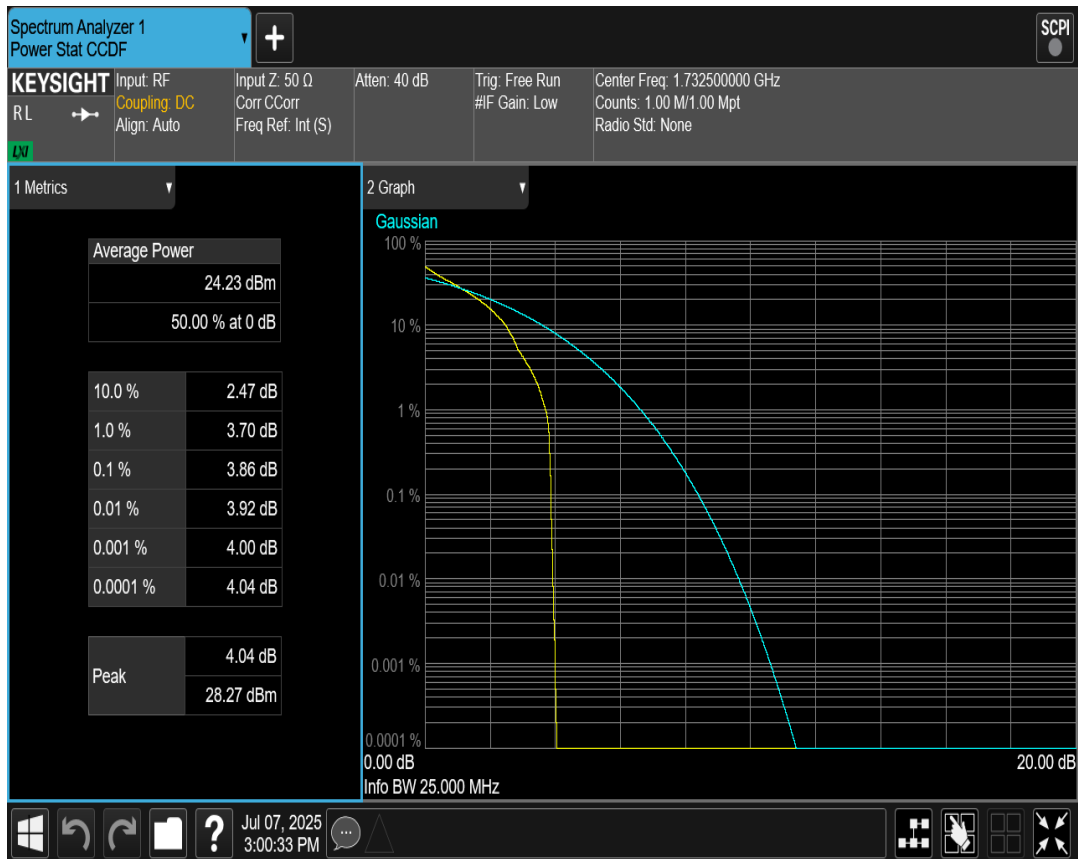
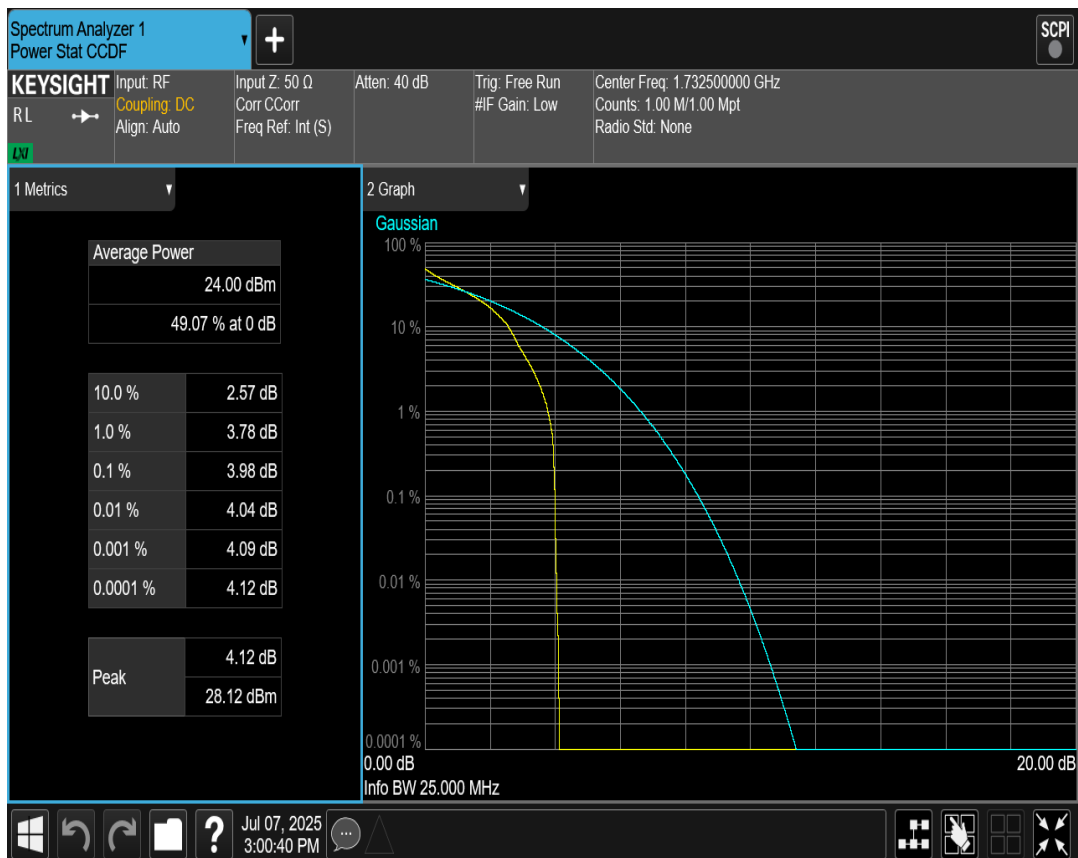
Band4 QAM64 BW=1.4MHz Channel=20175 RB Size=1 Position=#0

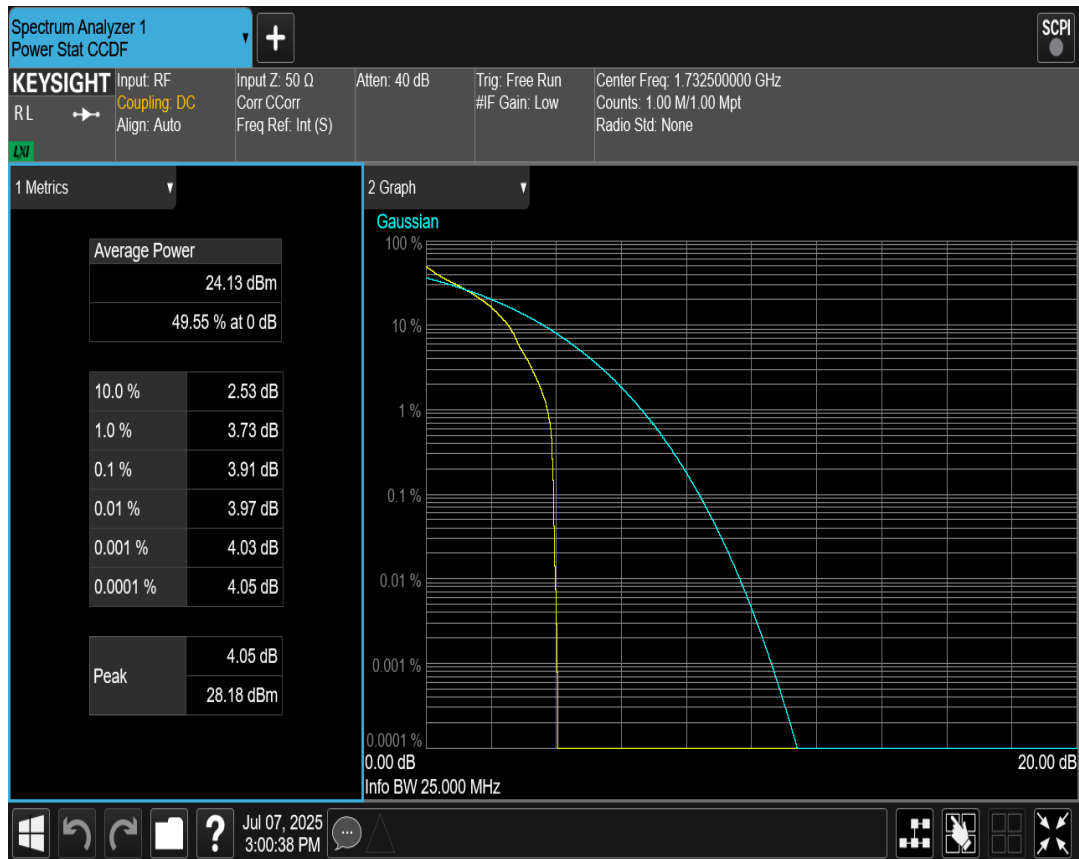
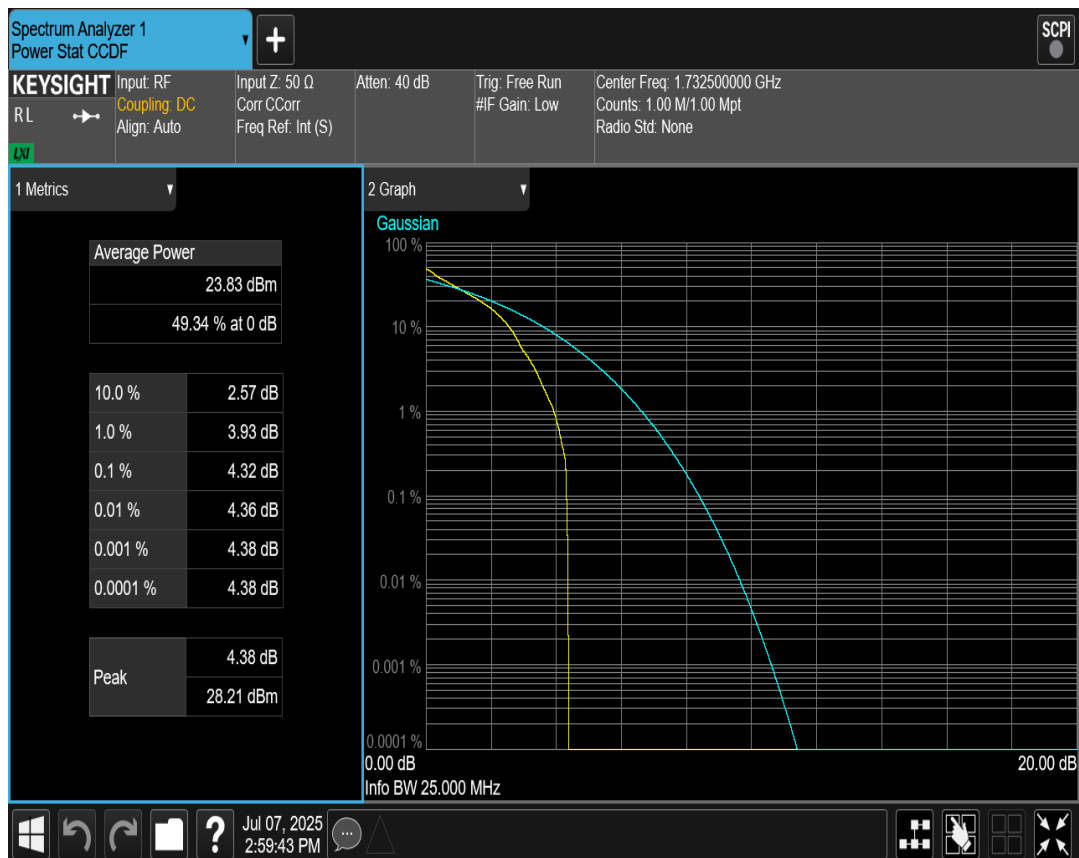


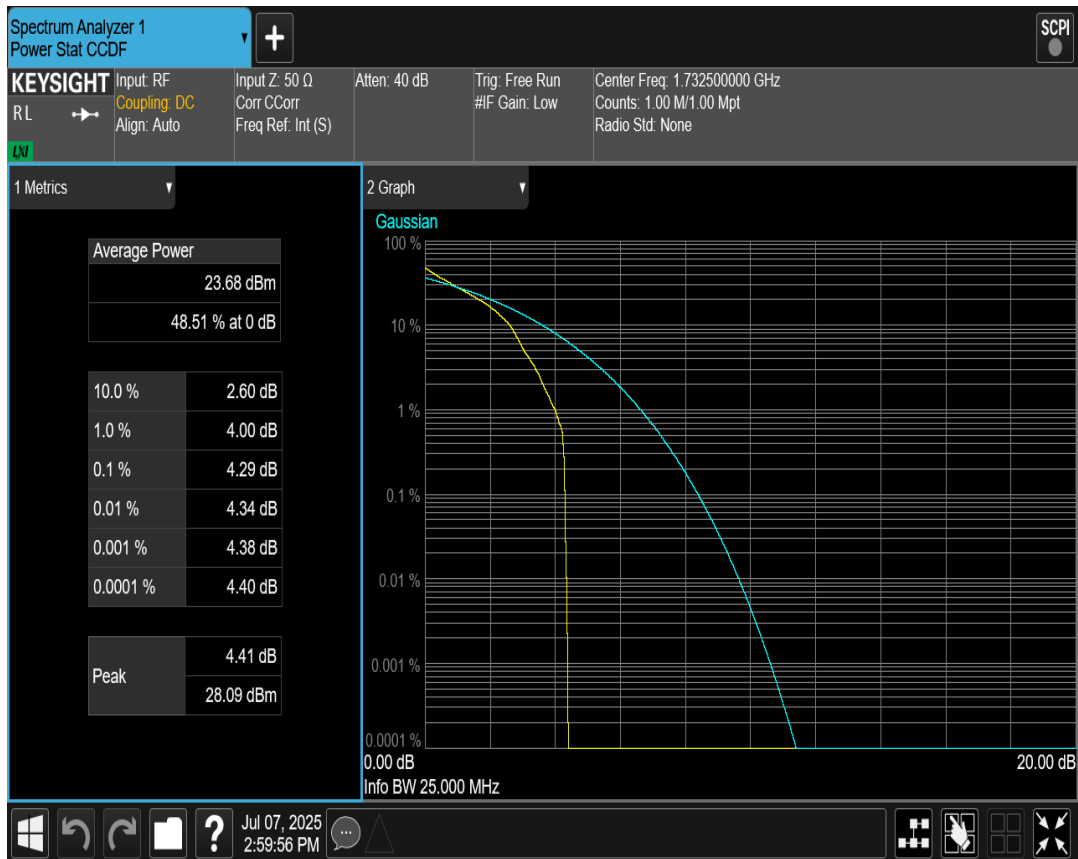
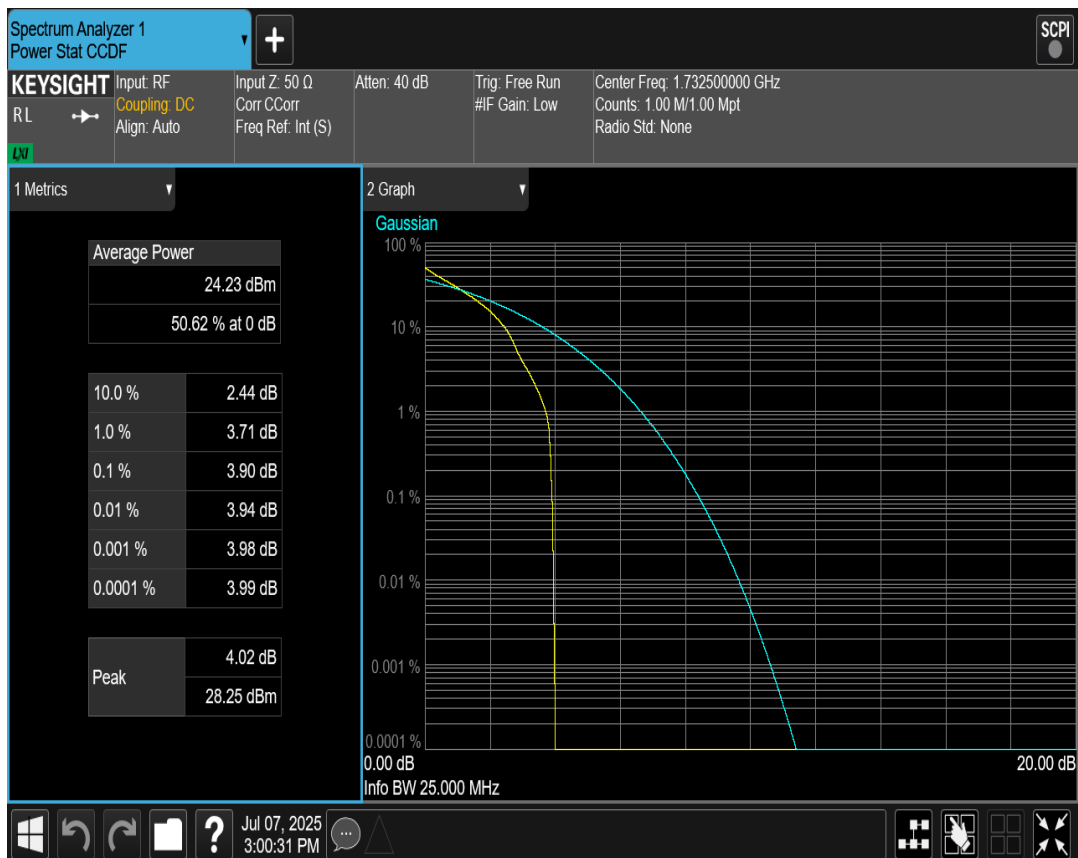
Band4 QAM64 BW=10MHz Channel=20175 RB Size=1 Position=#0

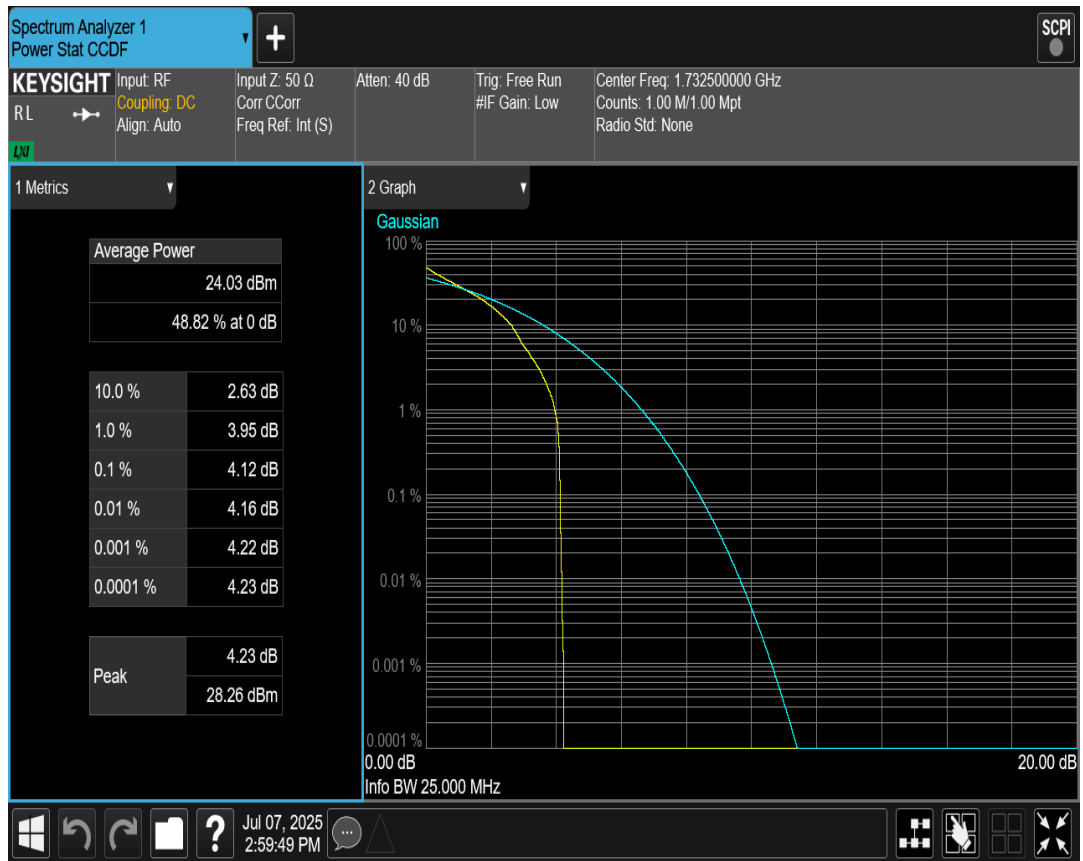
**Band4 QAM64 BW=5MHz Channel=20175 RB Size=1 Position=#0****Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0**

**Band4 QAM64 BW=3MHz Channel=20175 RB Size=1 Position=#0****Band4 QAM64 BW=15MHz Channel=20175 RB Size=1 Position=#0**

**Band4 QAM64 BW=20MHz 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=10MHz Channel=20175 RB Size=1 Position=#0**

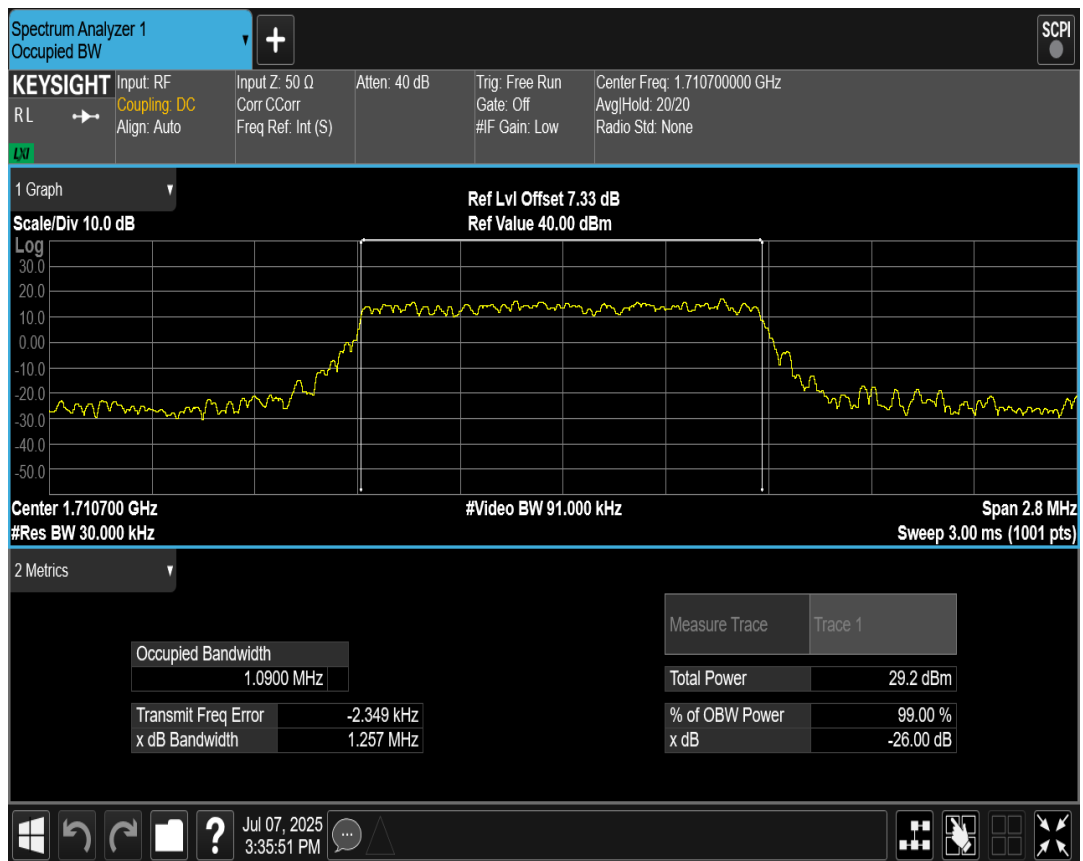
**Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0****Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0**



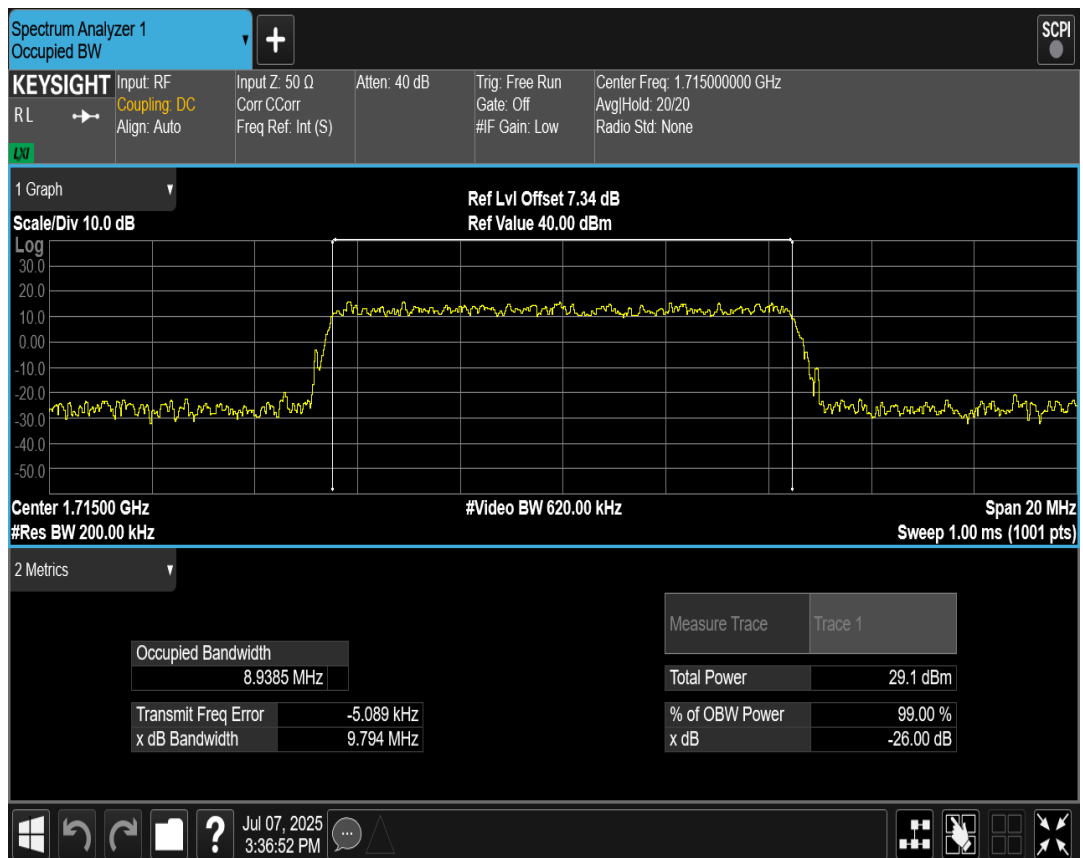
4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.089	1.255	PASS
Band4	1.4	19957	6	#0	QAM64	1.090	1.257	PASS
Band4	1.4	20175	6	#0	QPSK	1.093	1.274	PASS
Band4	1.4	20175	6	#0	QAM64	1.086	1.257	PASS
Band4	1.4	20393	6	#0	QPSK	1.090	1.270	PASS
Band4	1.4	20393	6	#0	QAM64	1.095	1.263	PASS
Band4	3	19965	15	#0	QPSK	2.691	2.912	PASS
Band4	3	19965	15	#0	QAM64	2.671	2.944	PASS
Band4	3	20175	15	#0	QPSK	2.697	2.921	PASS
Band4	3	20175	15	#0	QAM64	2.698	2.895	PASS
Band4	3	20385	15	#0	QPSK	2.700	2.954	PASS
Band4	3	20385	15	#0	QAM64	2.676	2.888	PASS
Band4	5	19975	25	#0	QPSK	4.520	4.856	PASS
Band4	5	19975	25	#0	QAM64	4.479	4.830	PASS
Band4	5	20175	25	#0	QPSK	4.492	4.808	PASS
Band4	5	20175	25	#0	QAM64	4.507	4.932	PASS
Band4	5	20375	25	#0	QPSK	4.505	4.877	PASS
Band4	5	20375	25	#0	QAM64	4.518	4.897	PASS
Band4	10	20000	50	#0	QPSK	9.004	9.746	PASS
Band4	10	20000	50	#0	QAM64	8.938	9.794	PASS
Band4	10	20175	50	#0	QPSK	8.933	9.555	PASS
Band4	10	20175	50	#0	QAM64	8.986	9.585	PASS
Band4	10	20350	50	#0	QPSK	9.020	9.508	PASS
Band4	10	20350	50	#0	QAM64	8.930	9.434	PASS
Band4	15	20025	75	#0	QPSK	13.460	14.374	PASS
Band4	15	20025	75	#0	QAM64	13.382	14.613	PASS
Band4	15	20175	75	#0	QPSK	13.465	14.191	PASS
Band4	15	20175	75	#0	QAM64	13.488	14.142	PASS
Band4	15	20325	75	#0	QPSK	13.478	14.359	PASS
Band4	15	20325	75	#0	QAM64	13.461	14.316	PASS
Band4	20	20050	100	#0	QPSK	17.889	19.226	PASS
Band4	20	20050	100	#0	QAM64	17.909	19.131	PASS
Band4	20	20175	100	#0	QPSK	17.918	19.025	PASS
Band4	20	20175	100	#0	QAM64	17.958	19.211	PASS
Band4	20	20300	100	#0	QPSK	17.919	18.889	PASS
Band4	20	20300	100	#0	QAM64	17.956	19.182	PASS

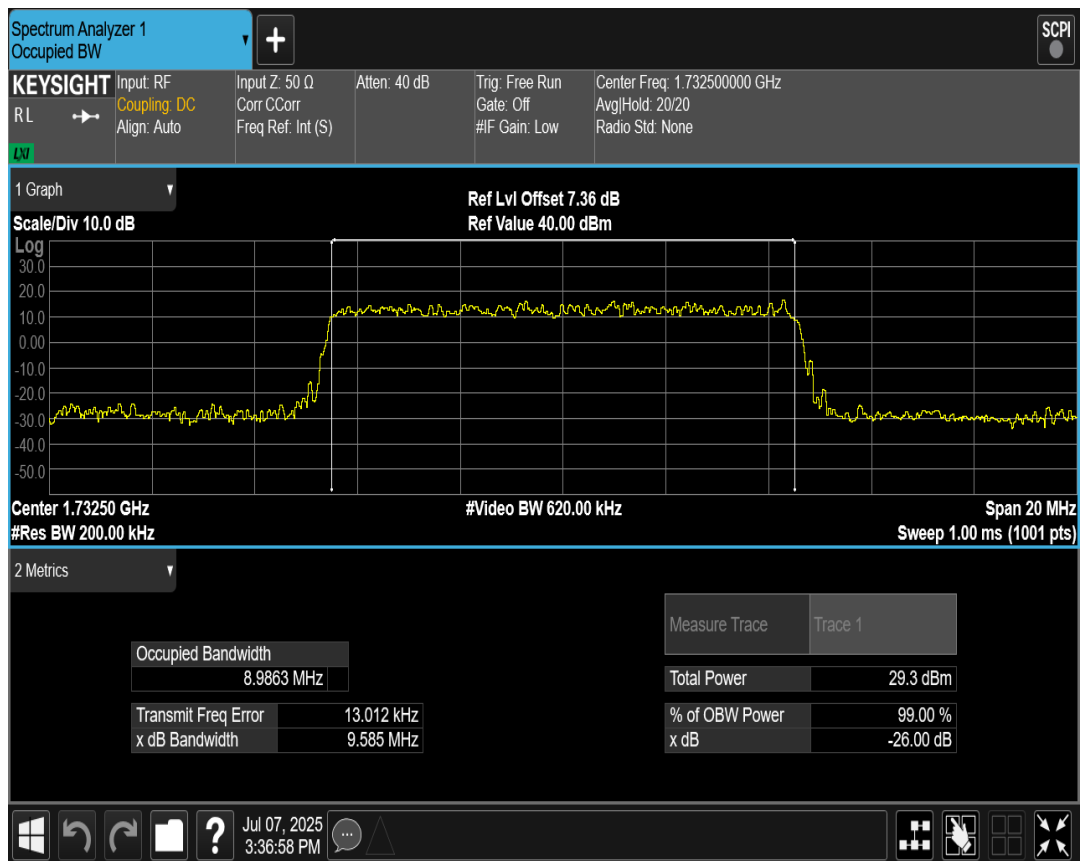
Band4 QAM64 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



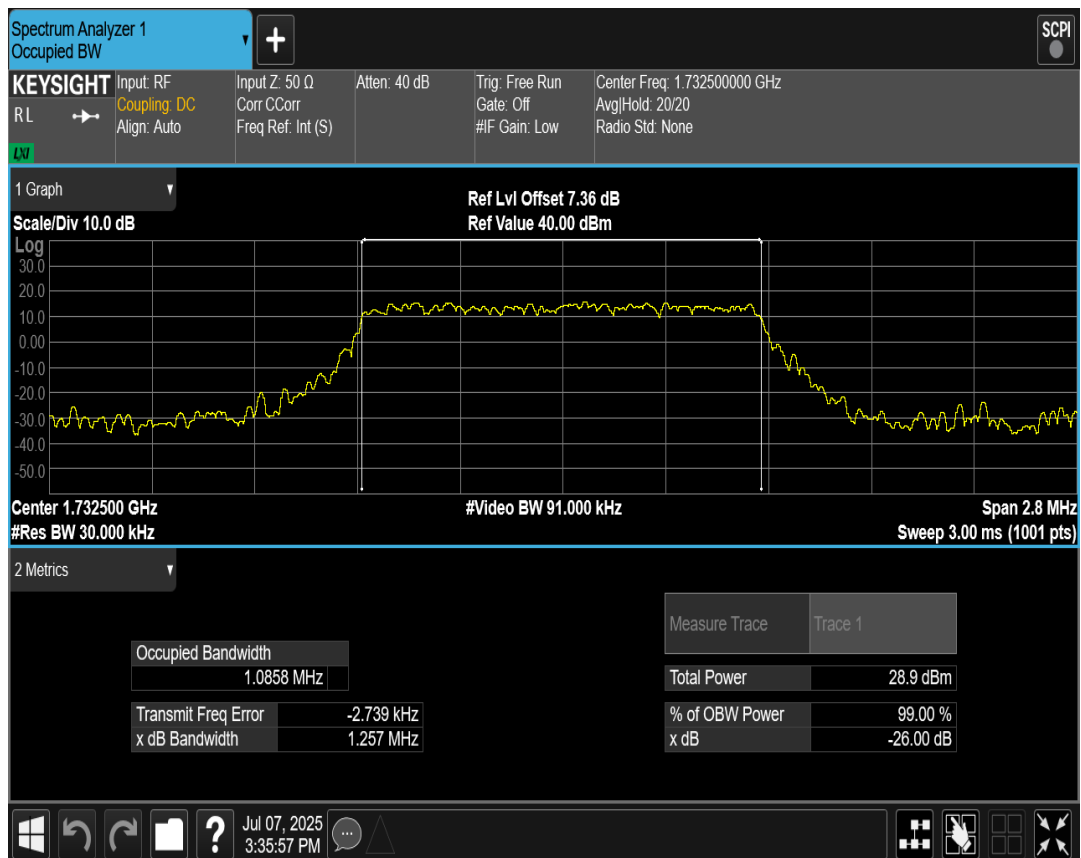
Band4 QAM64 BW=10MHz Channel=20000 RB Size=50 Position=#0



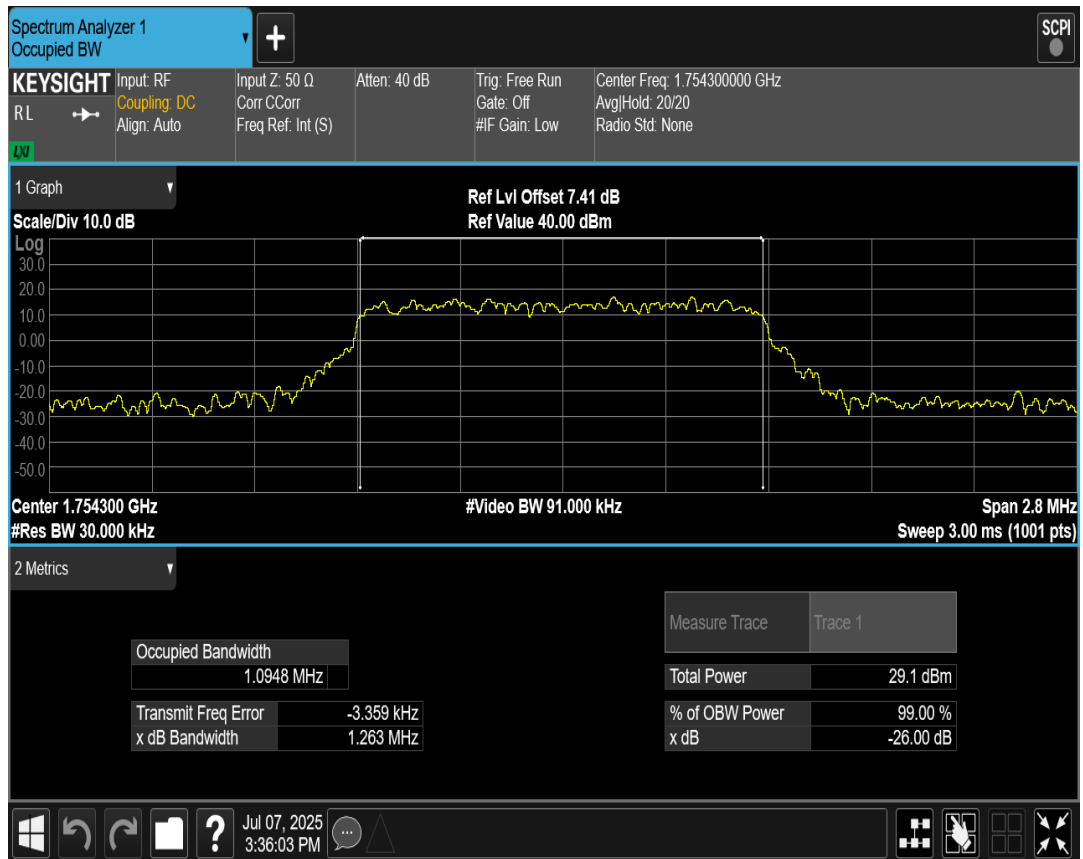
Band4 QAM64 BW=10MHz Channel=20175 RB Size=50 Position=#0



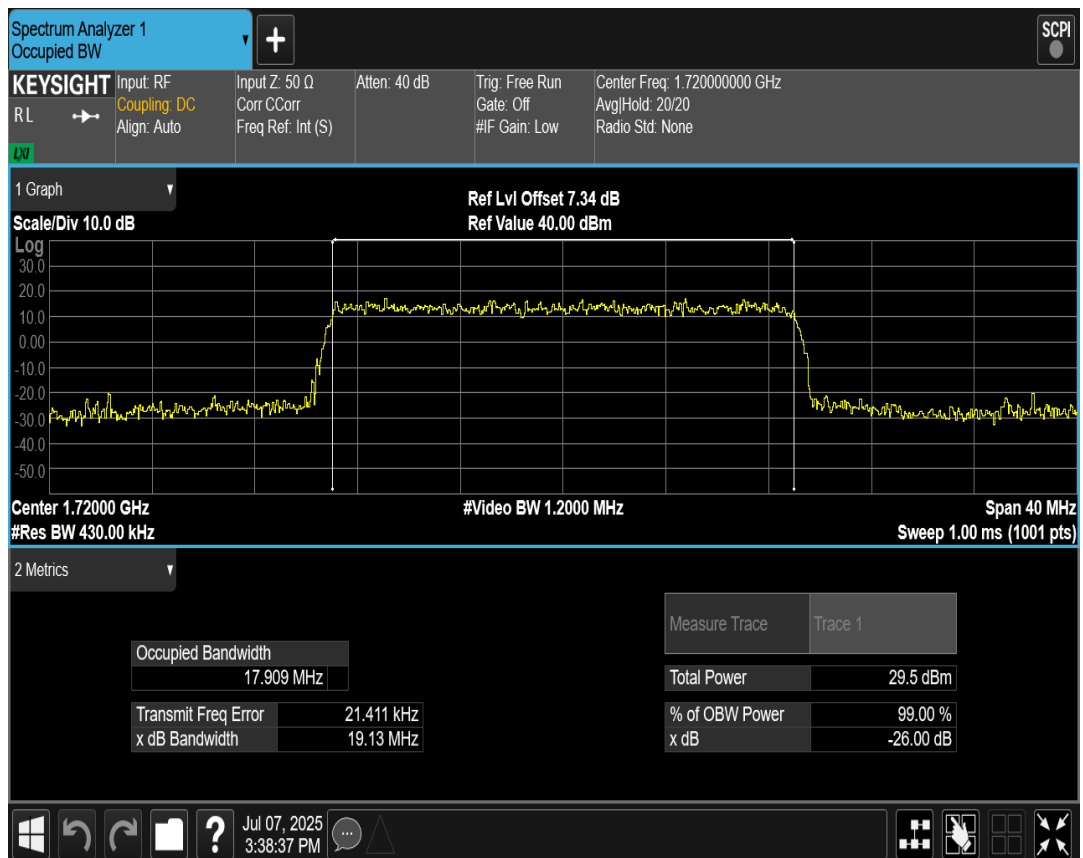
Band4 QAM64 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



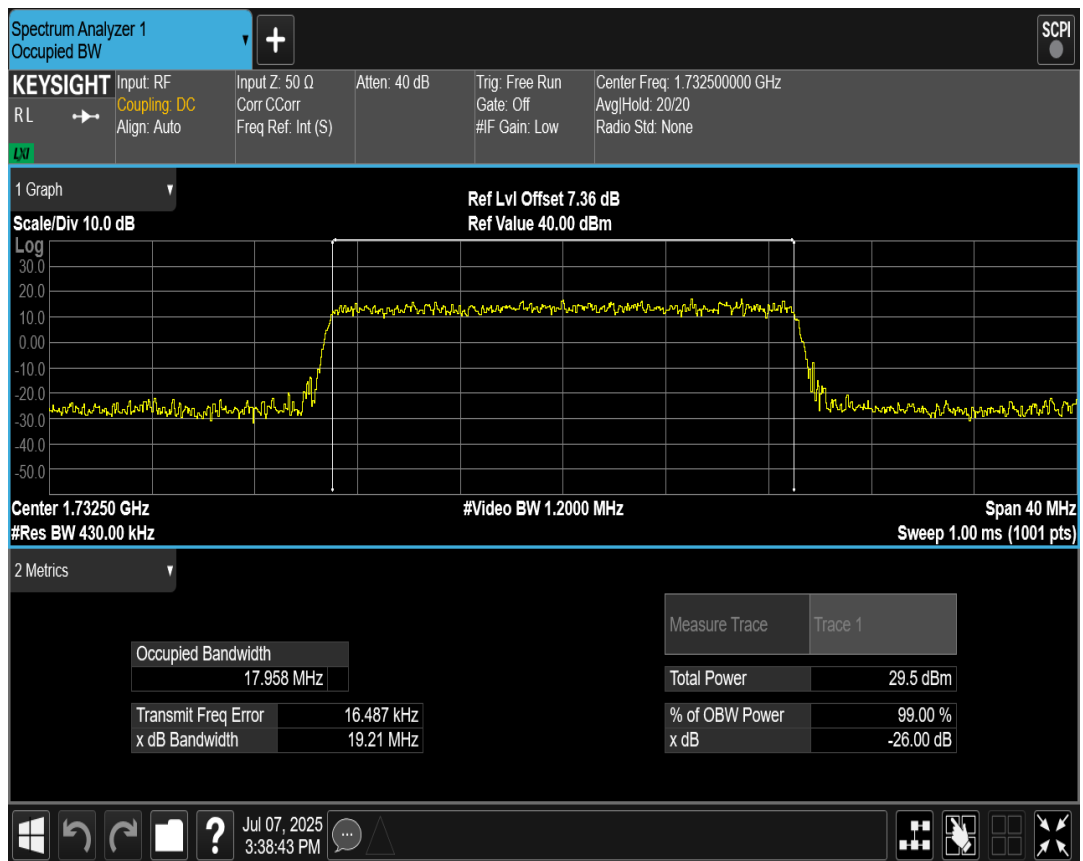
Band4 QAM64 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



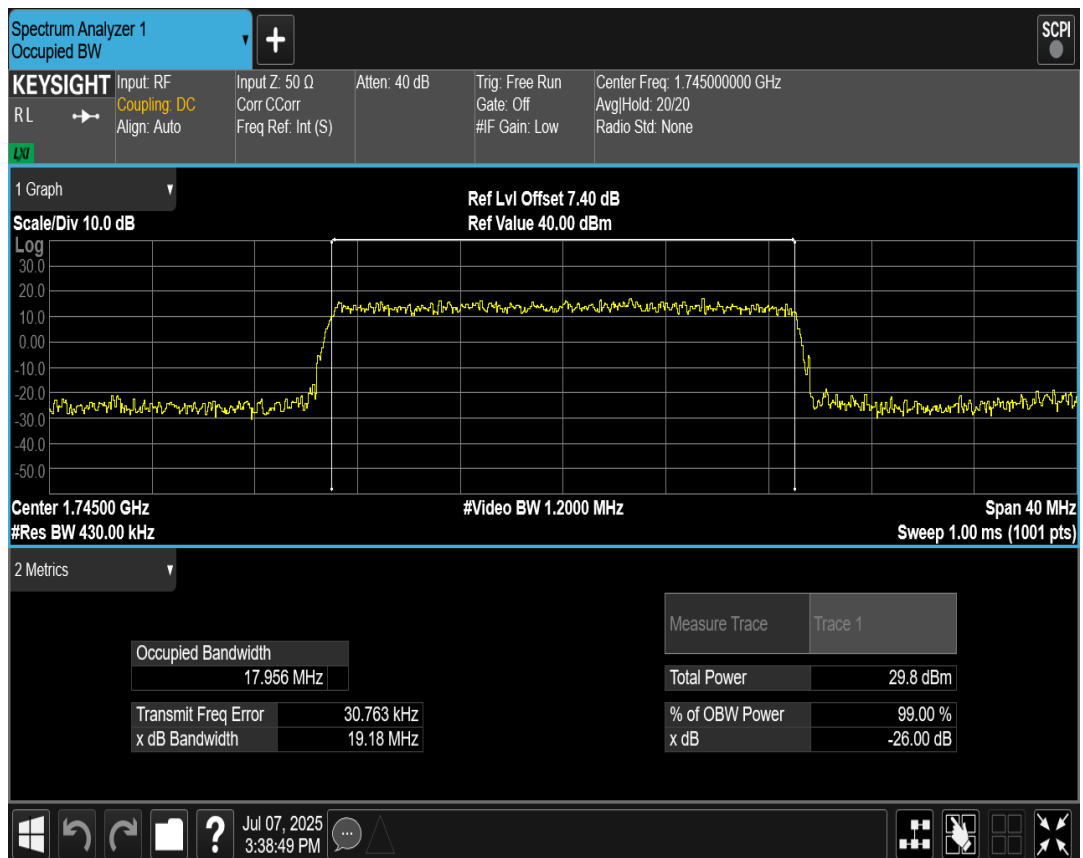
Band4 QAM64 BW=20MHz Channel=20050 RB Size=100 Position=#0



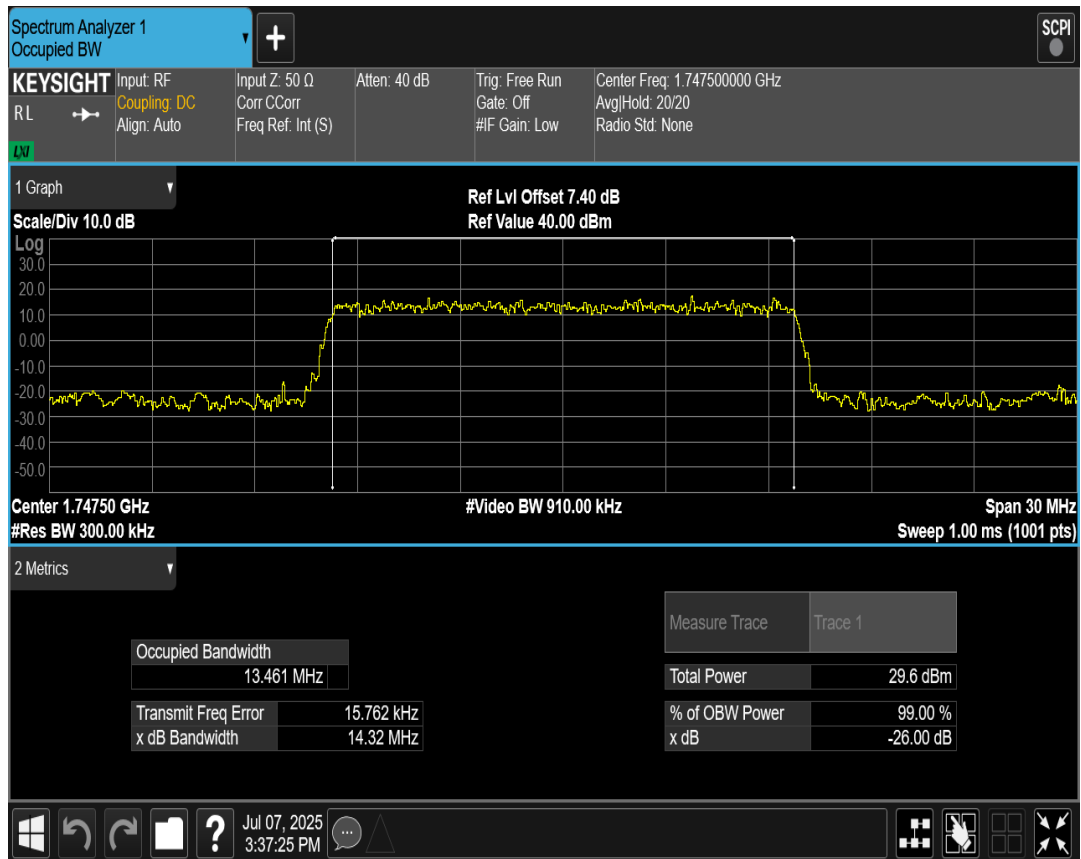
Band4 QAM64 BW=20MHz Channel=20175 RB Size=100 Position=#0



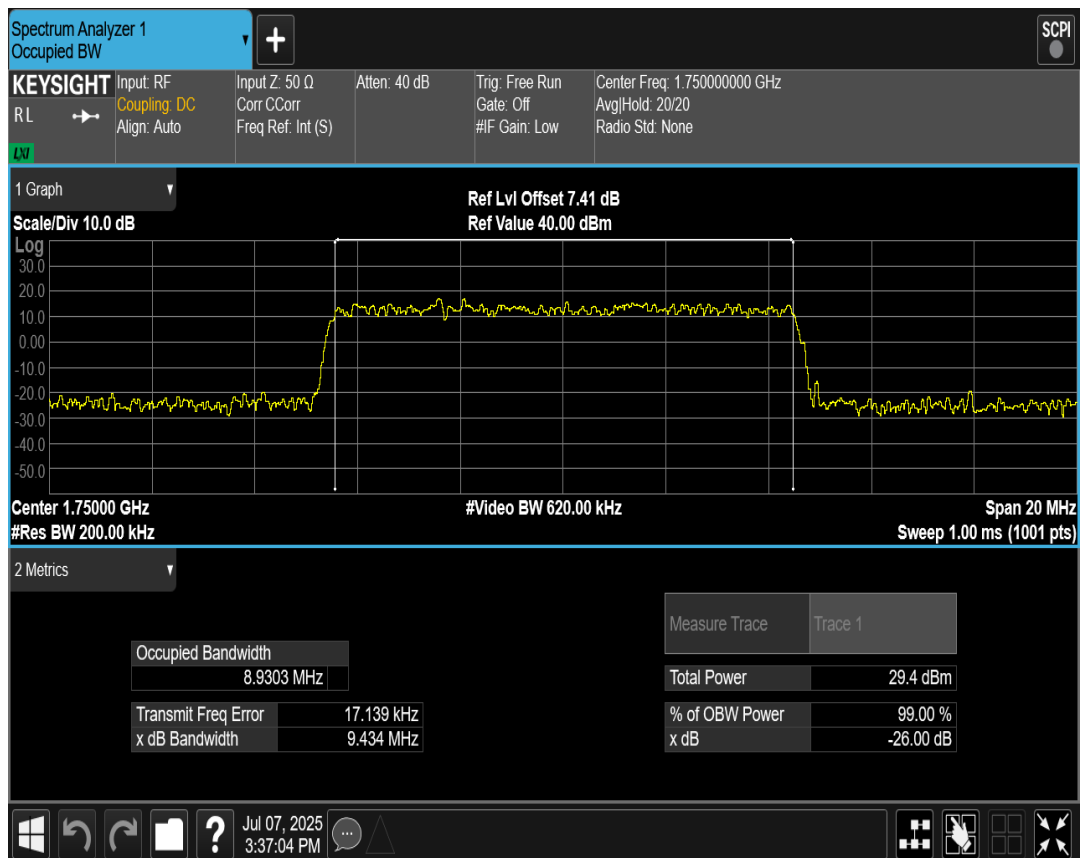
Band4 QAM64 BW=20MHz Channel=20300 RB Size=100 Position=#0



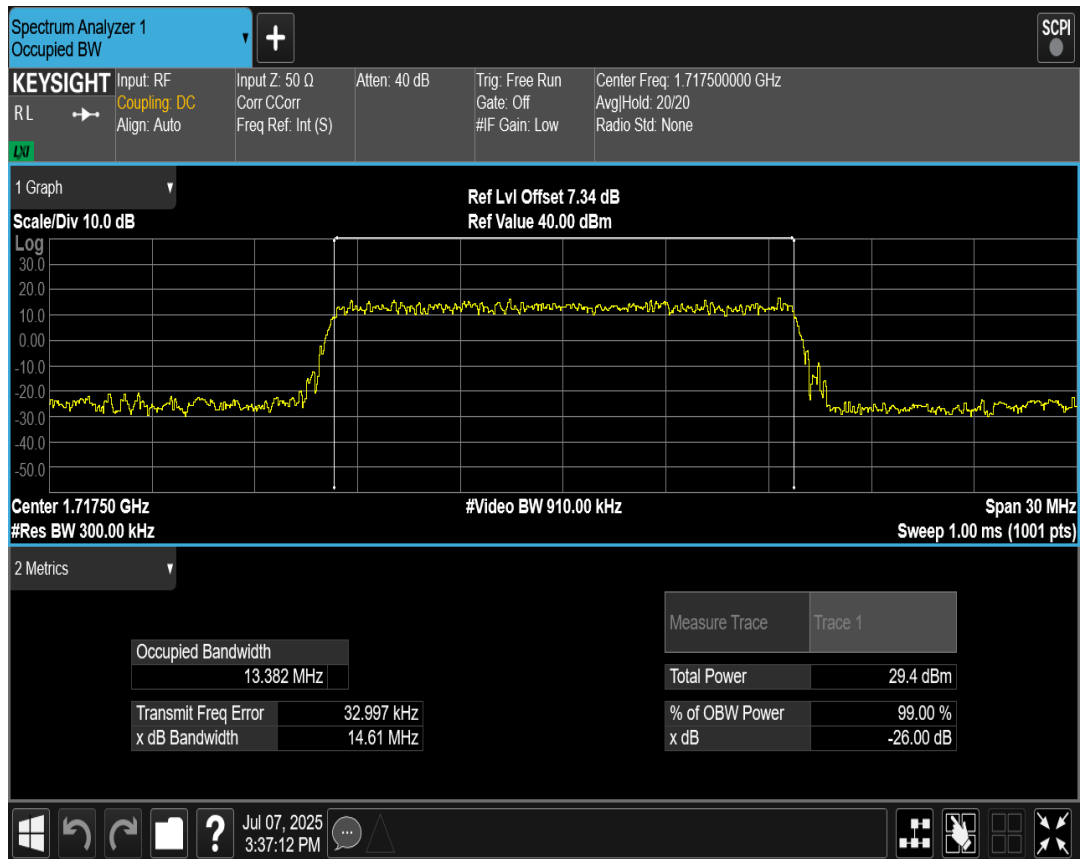
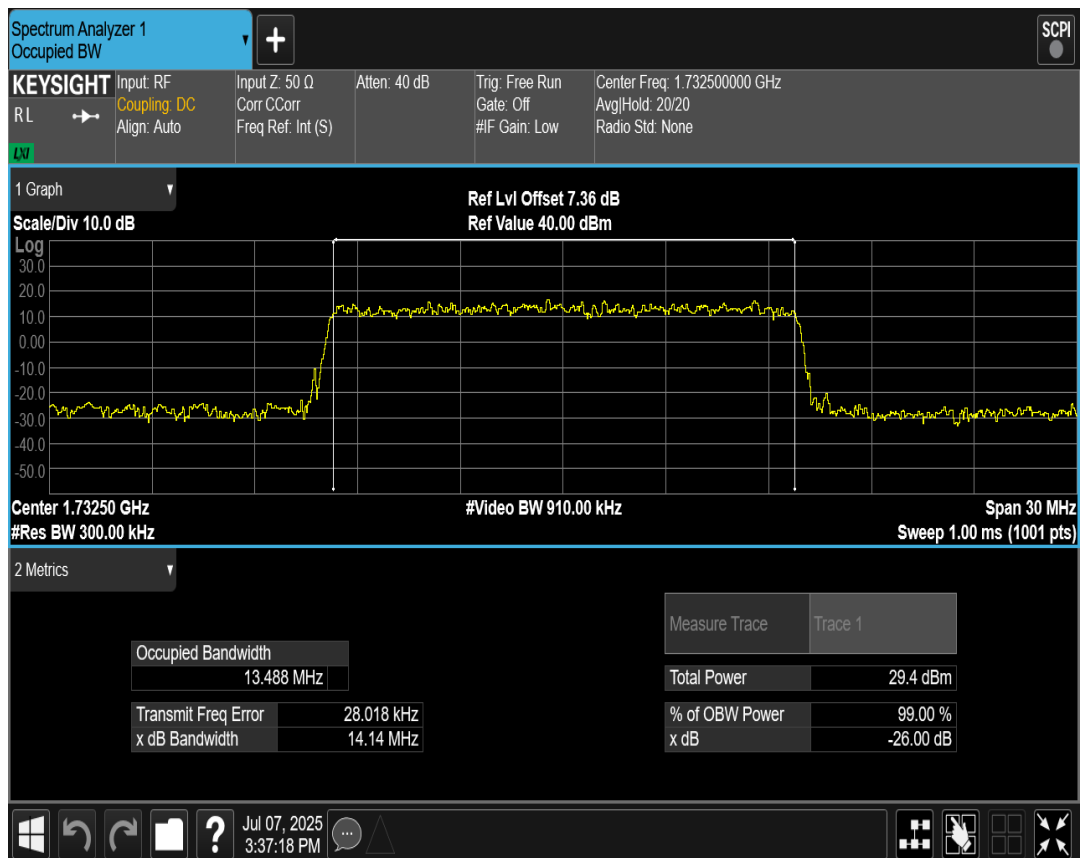
Band4 QAM64 BW=15MHz Channel=20325 RB Size=75 Position=#0

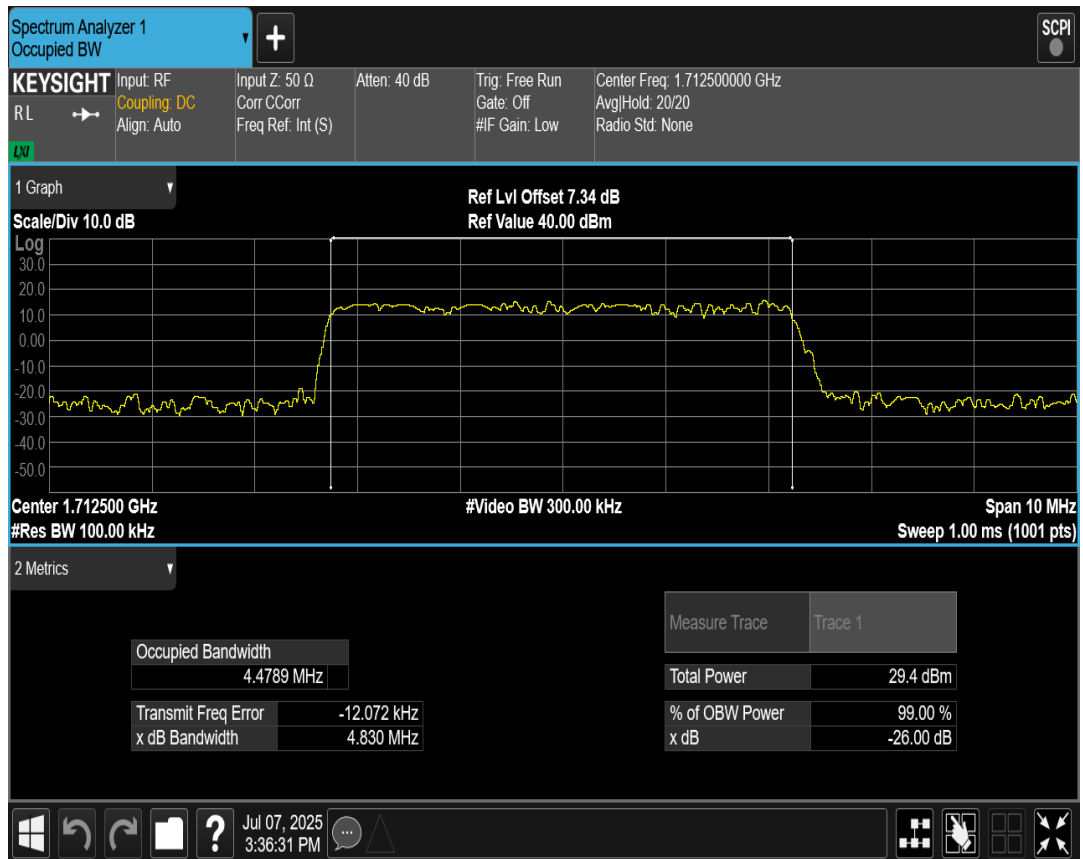


Band4 QAM64 BW=10MHz Channel=20350 RB Size=50 Position=#0

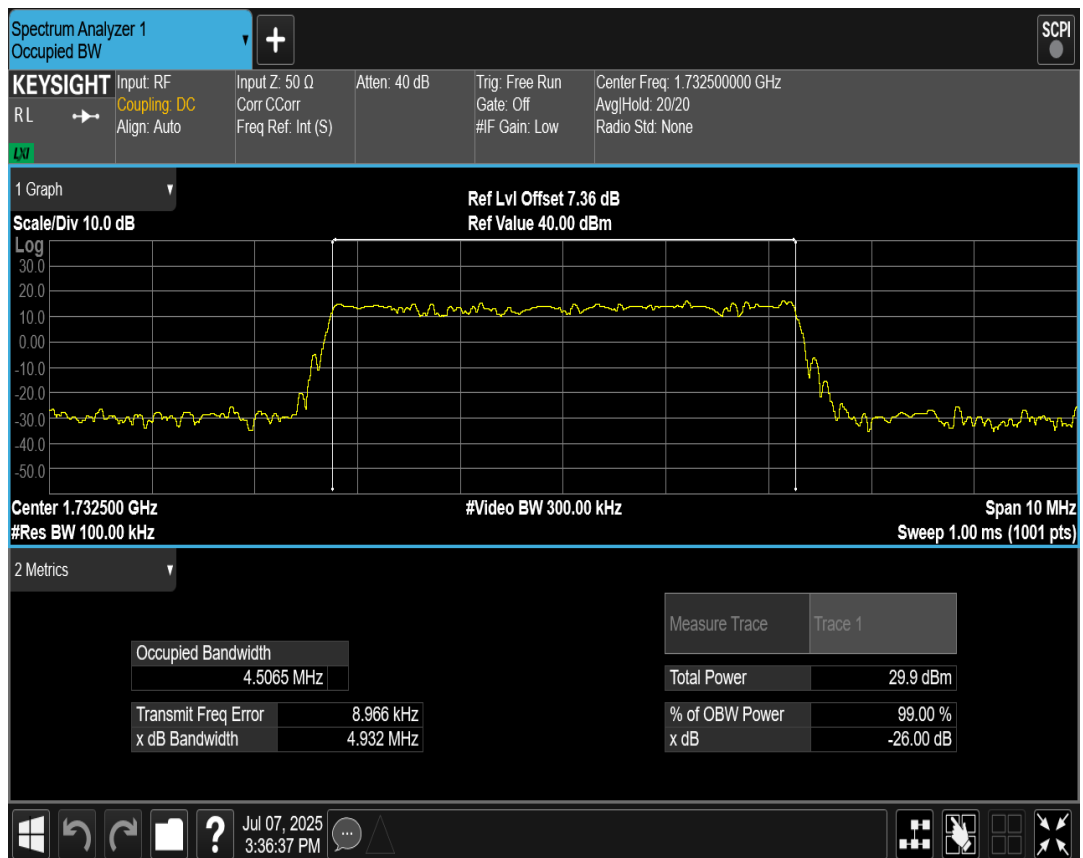


Band4 QAM64 BW=15MHz Channel=20025 RB Size=75 Position=#0

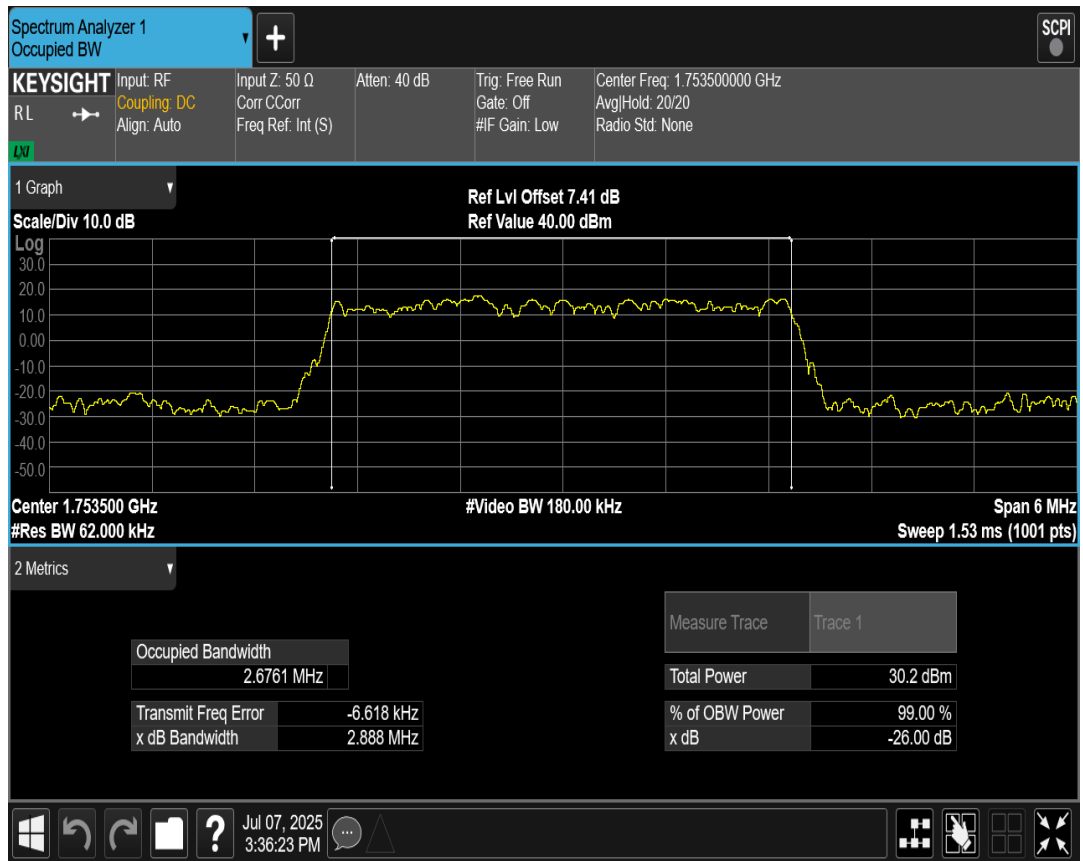
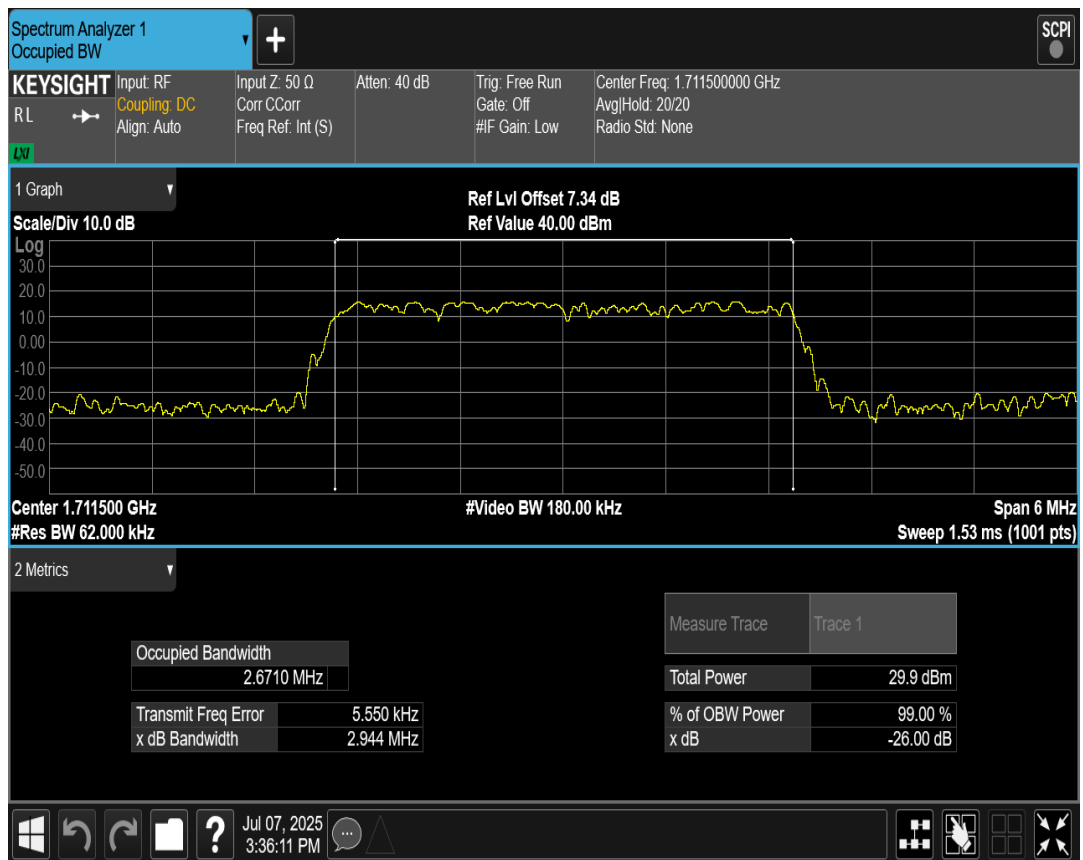
**Band4 QAM64 BW=15MHz Channel=20175 RB Size=75 Position=#0****Band4 QAM64 BW=5MHz Channel=19975 RB Size=25 Position=#0**

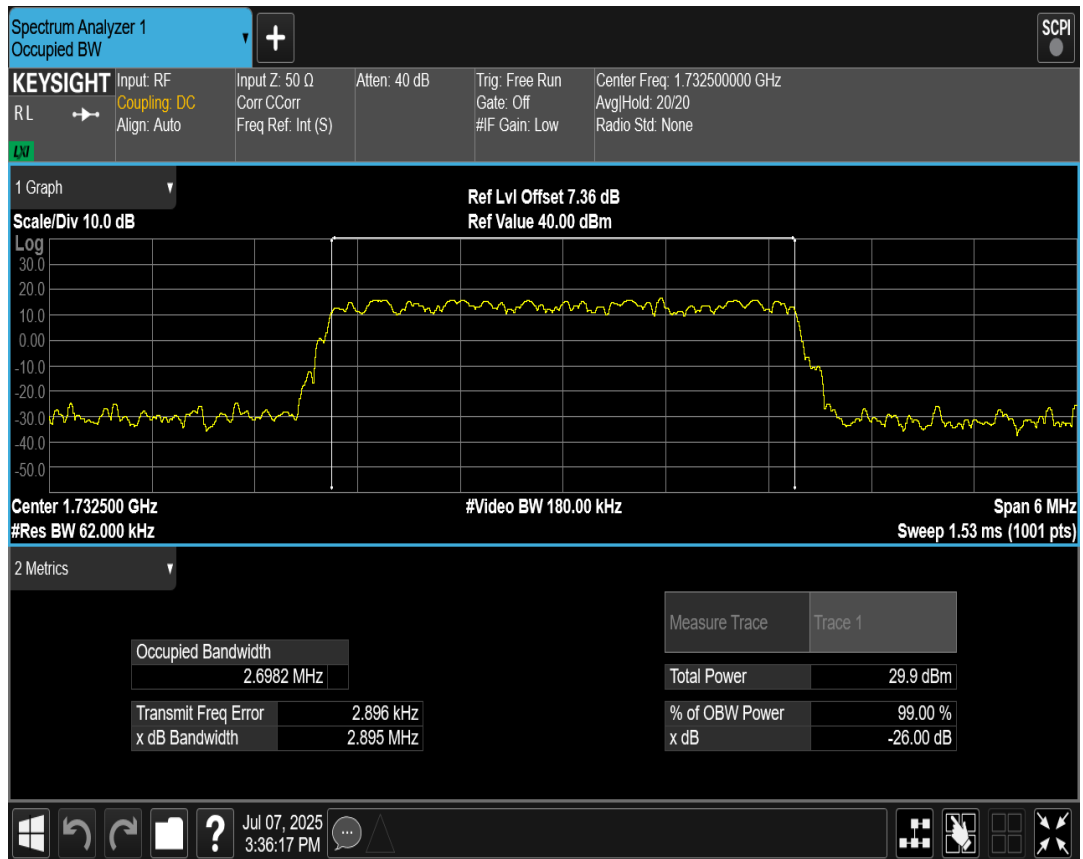


Band4 QAM64 BW=5MHz Channel=20175 RB Size=25 Position=#0

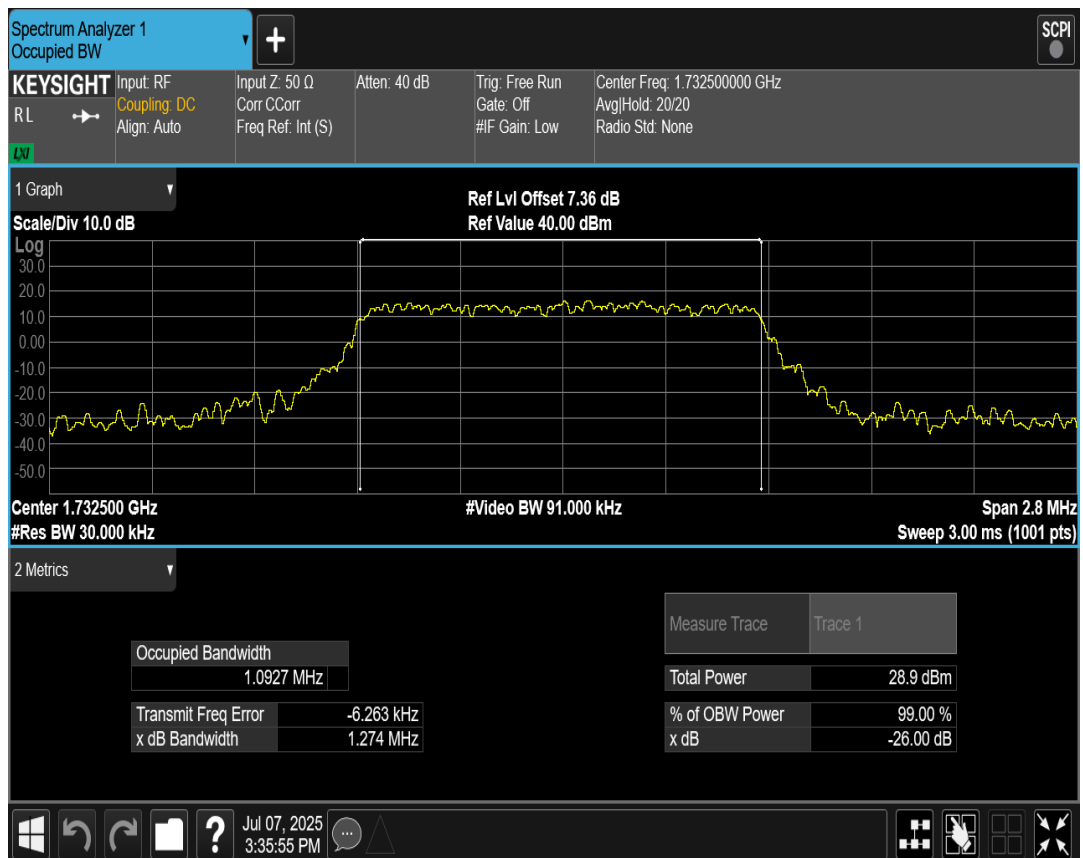


Band4 QAM64 BW=3MHz Channel=20385 RB Size=15 Position=#0

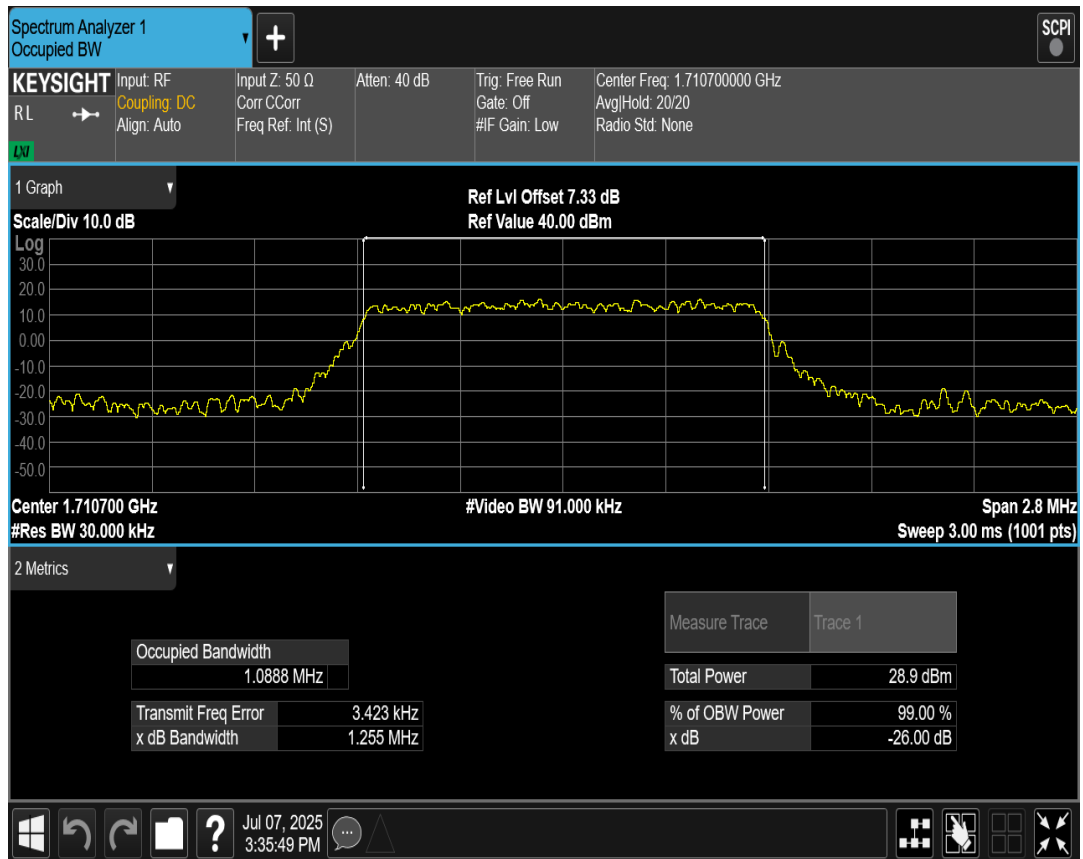
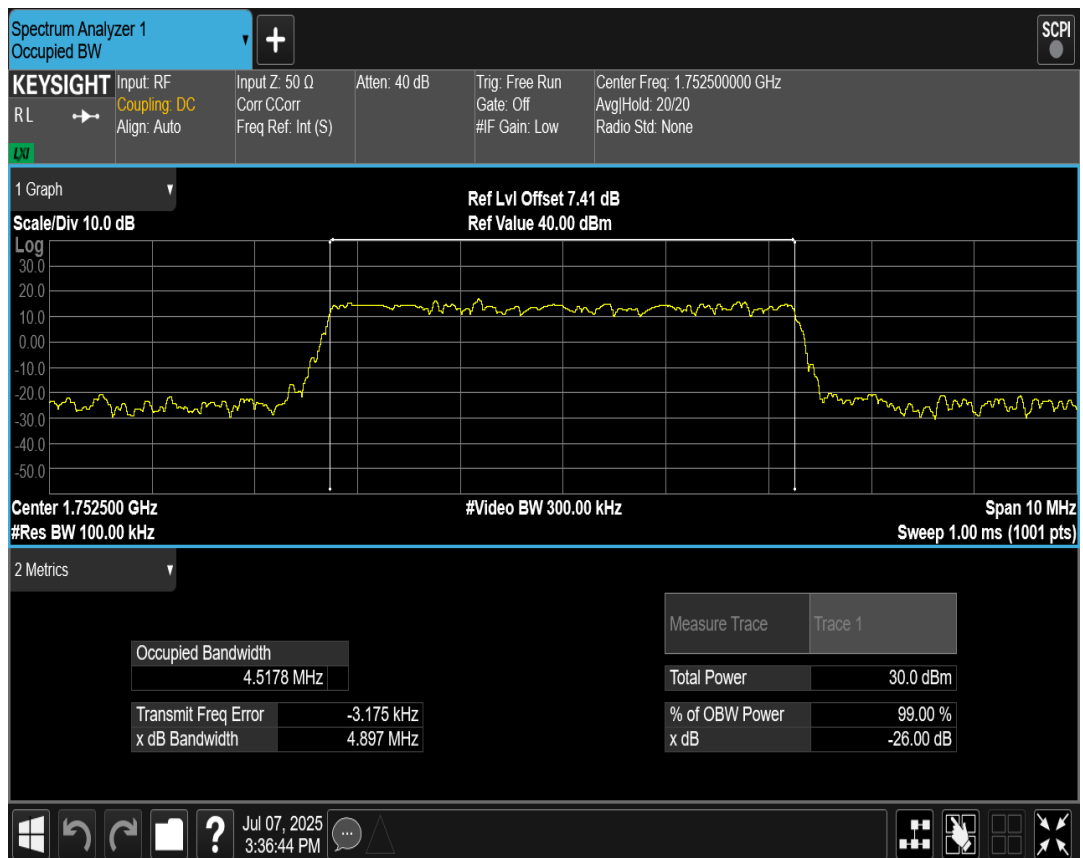
**Band4 QAM64 BW=3MHz Channel=19965 RB Size=15 Position=#0****Band4 QAM64 BW=3MHz Channel=20175 RB Size=15 Position=#0**

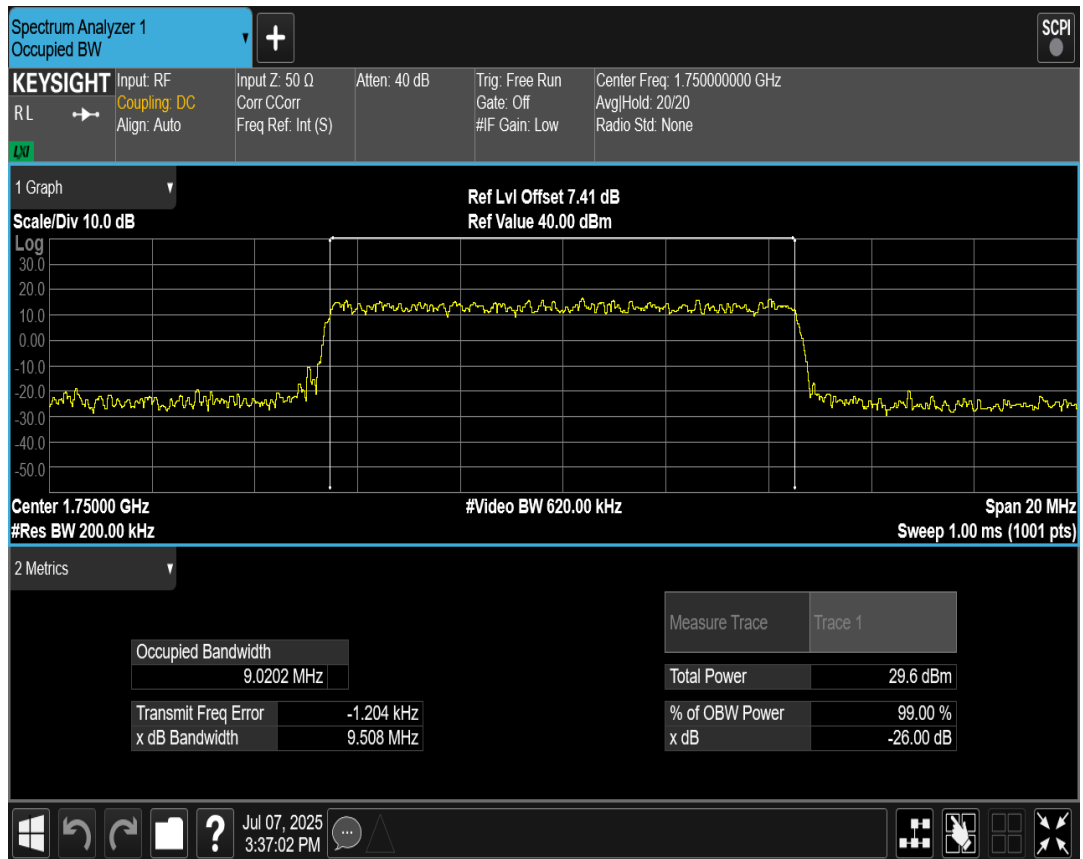
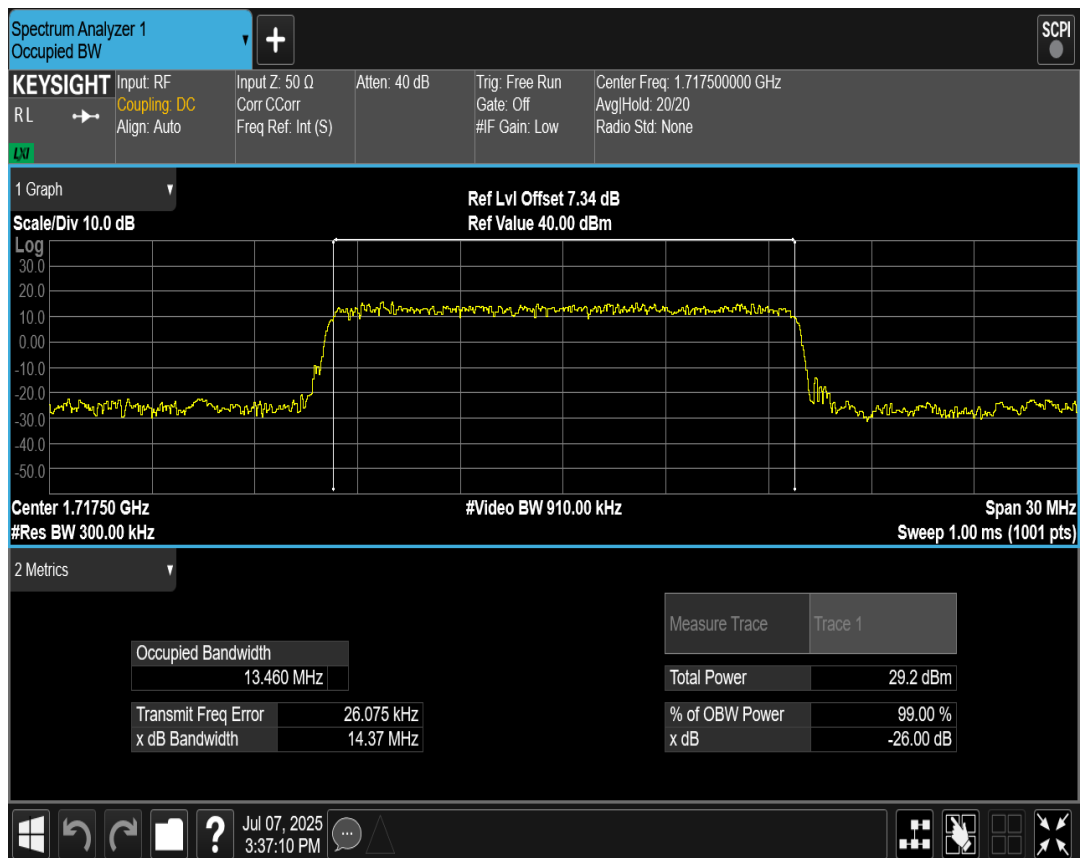


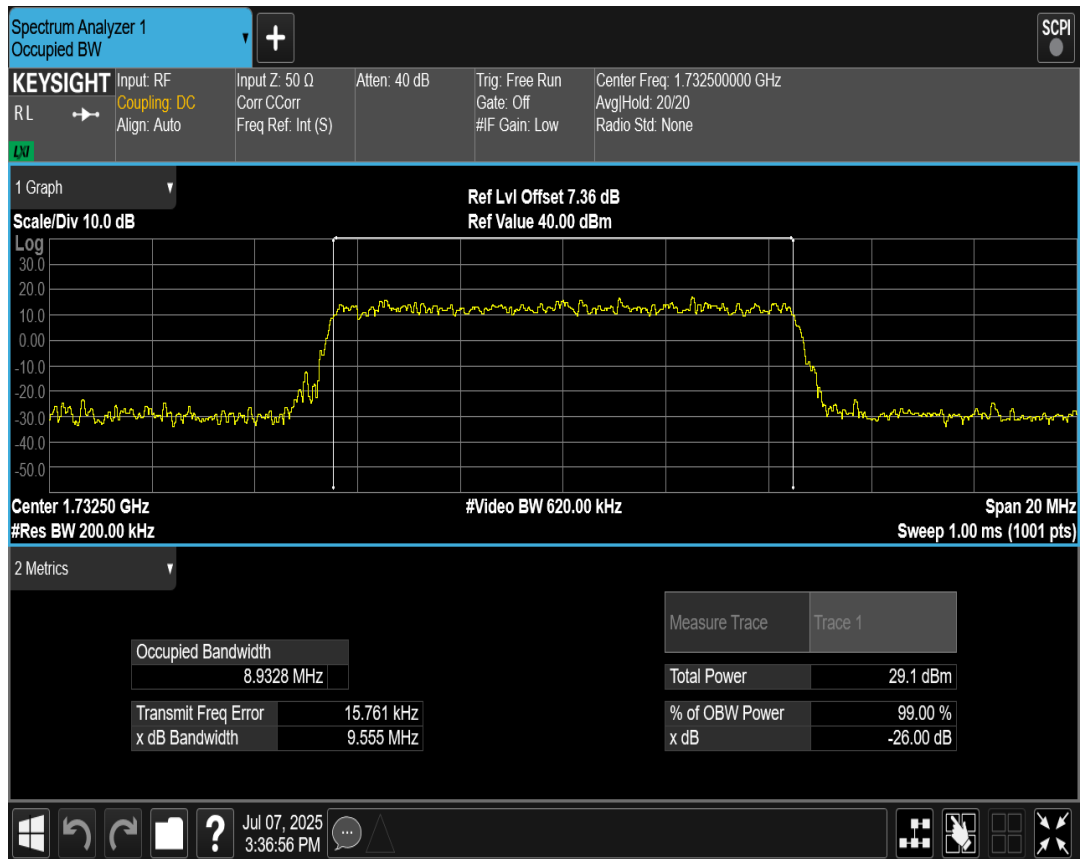
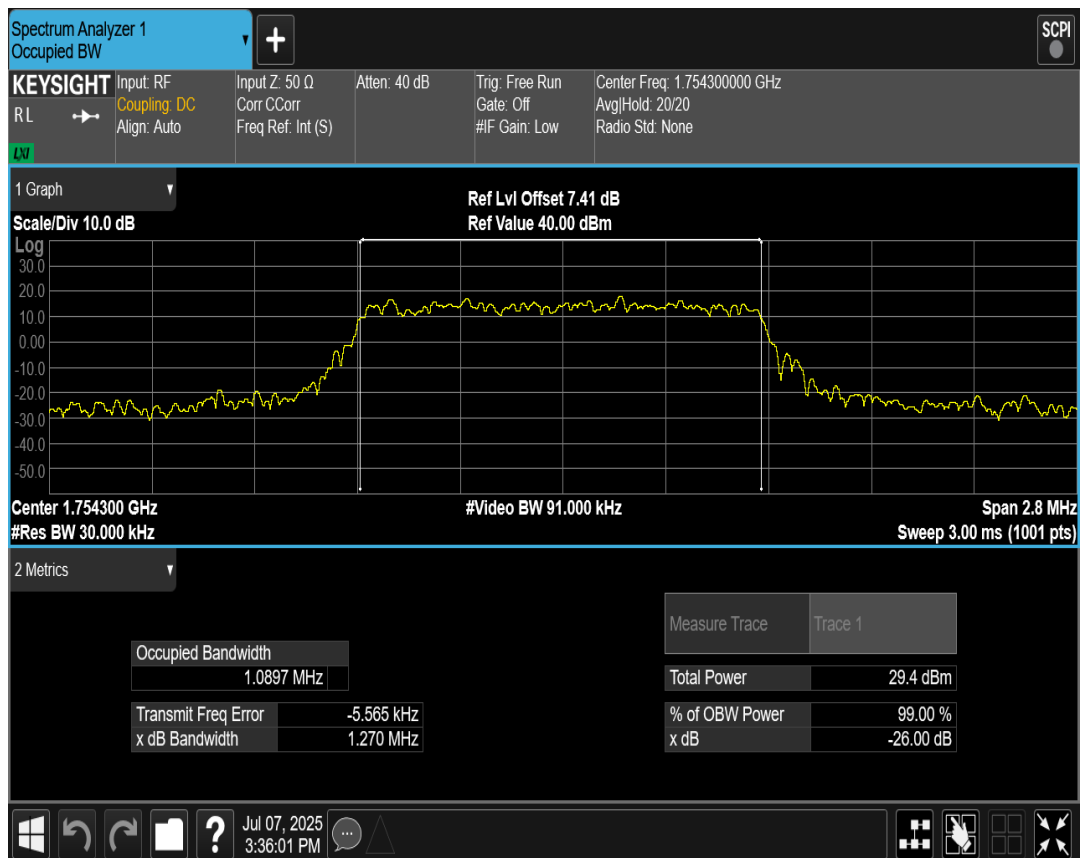
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0

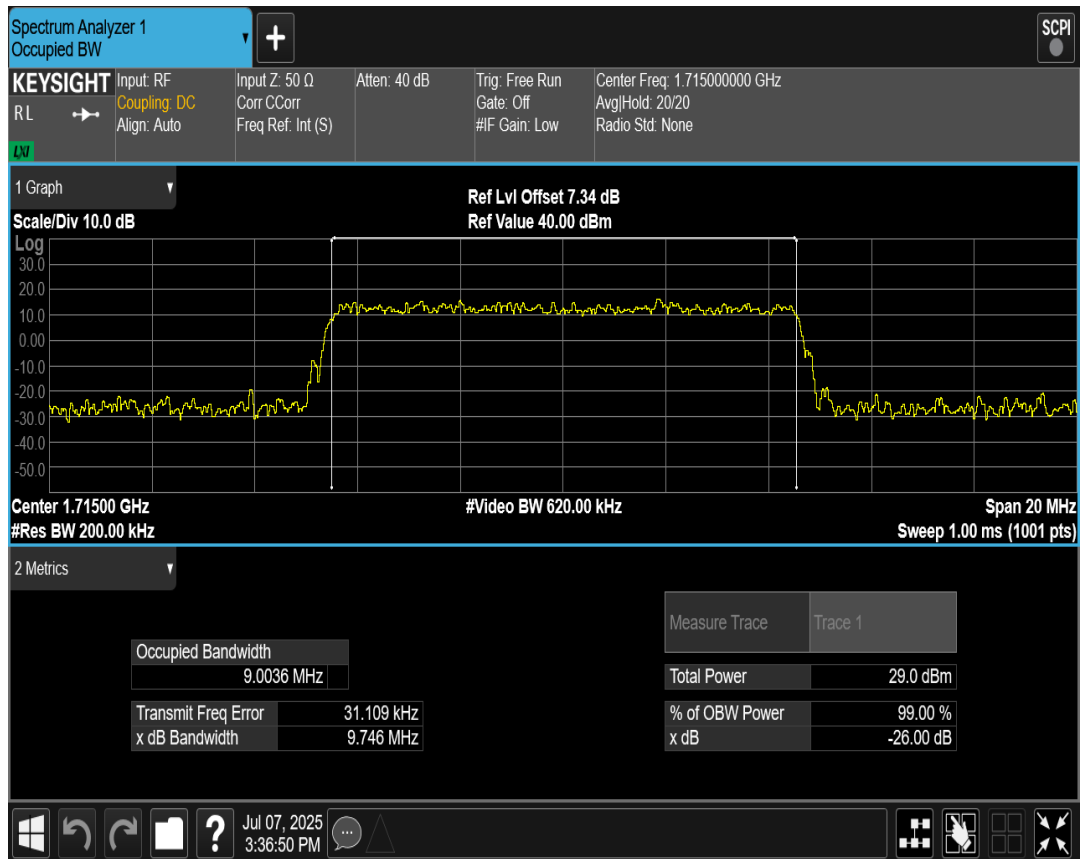
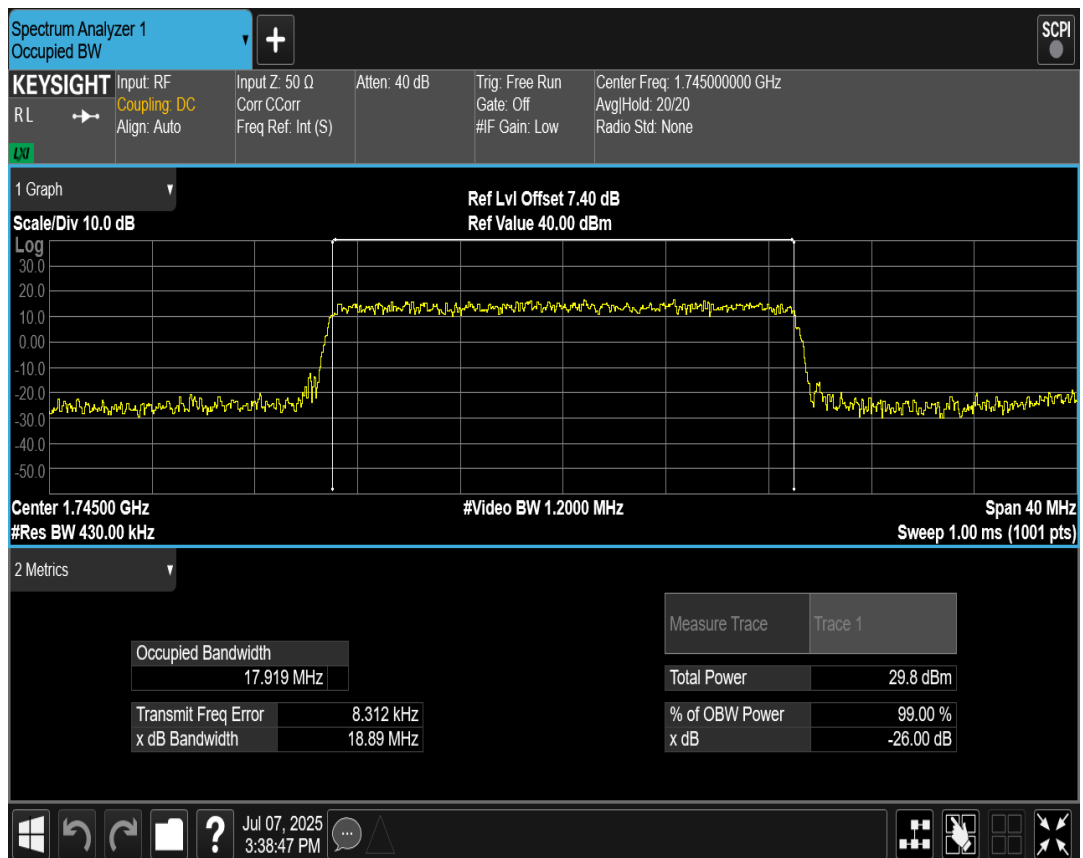


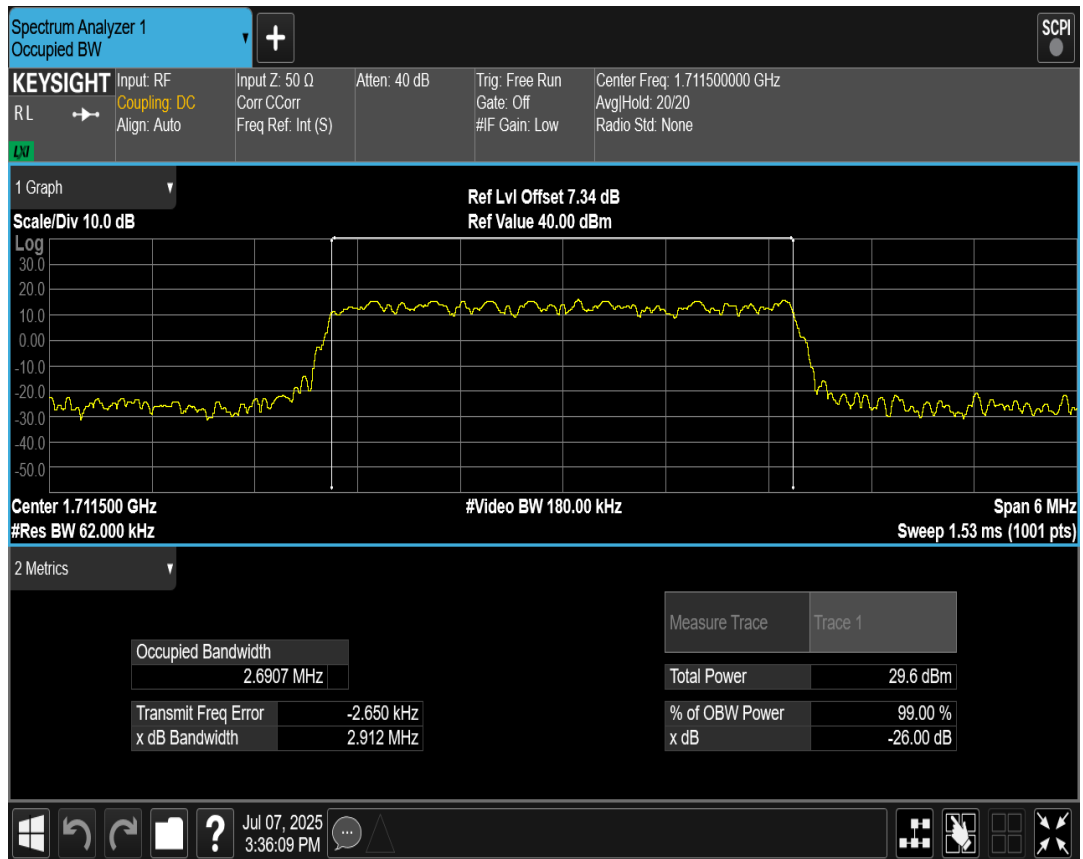
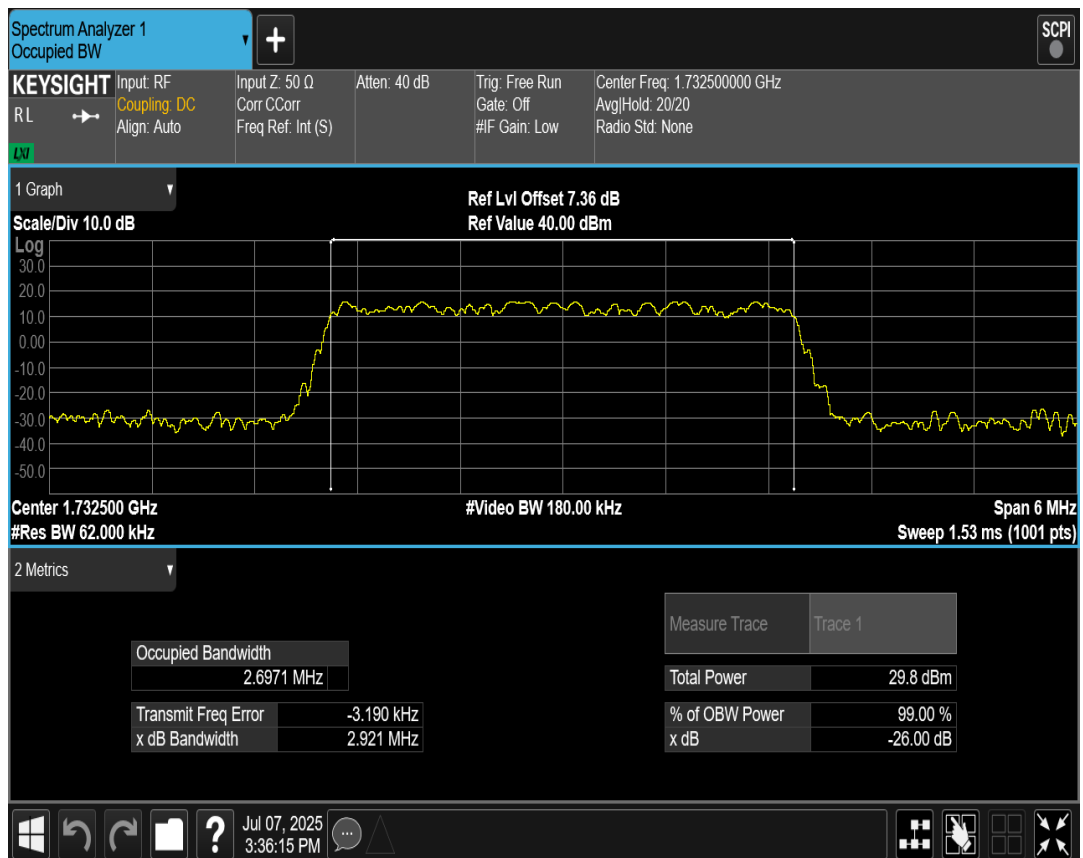
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0

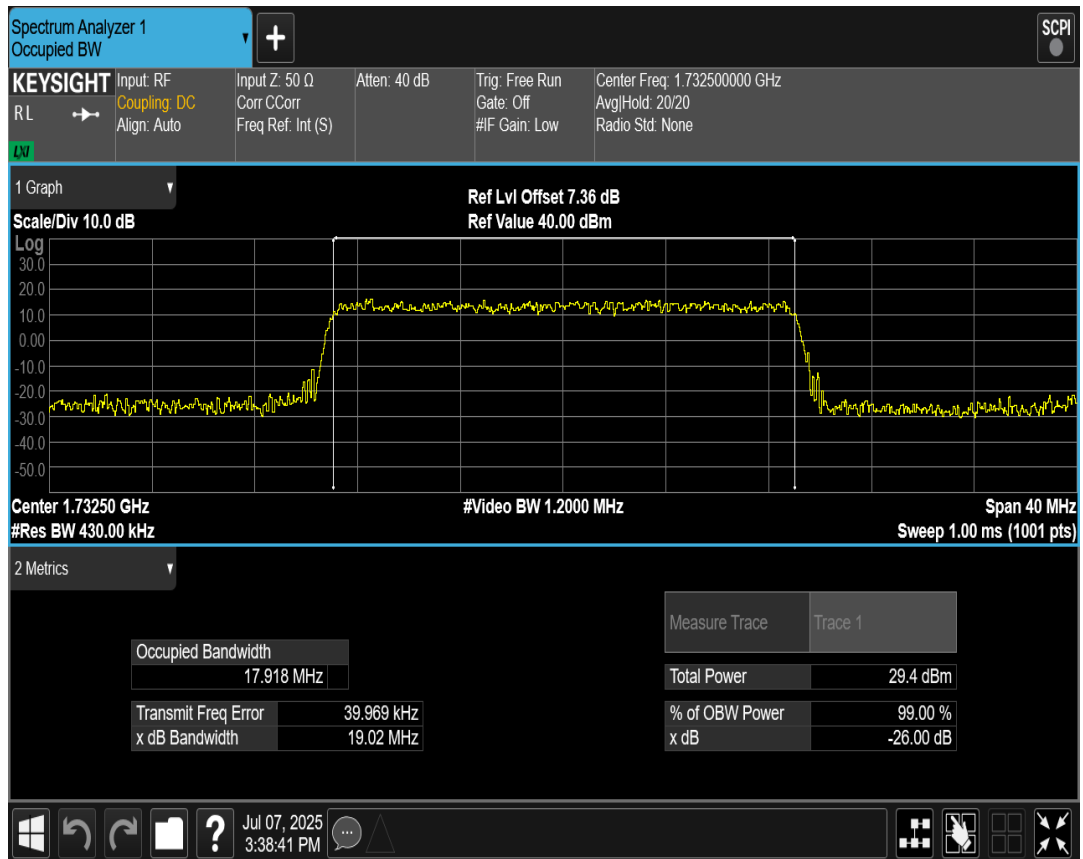
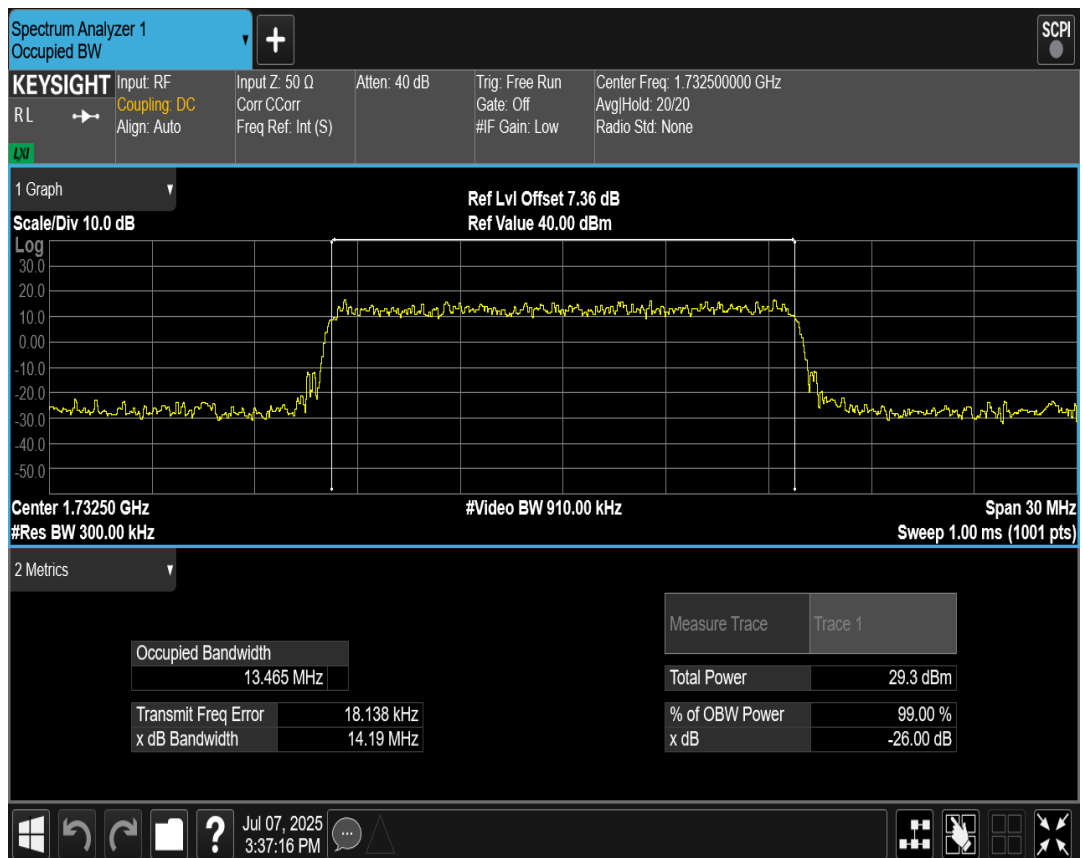
**Band4 QAM64 BW=5MHz Channel=20375 RB Size=25 Position=#0****Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0**

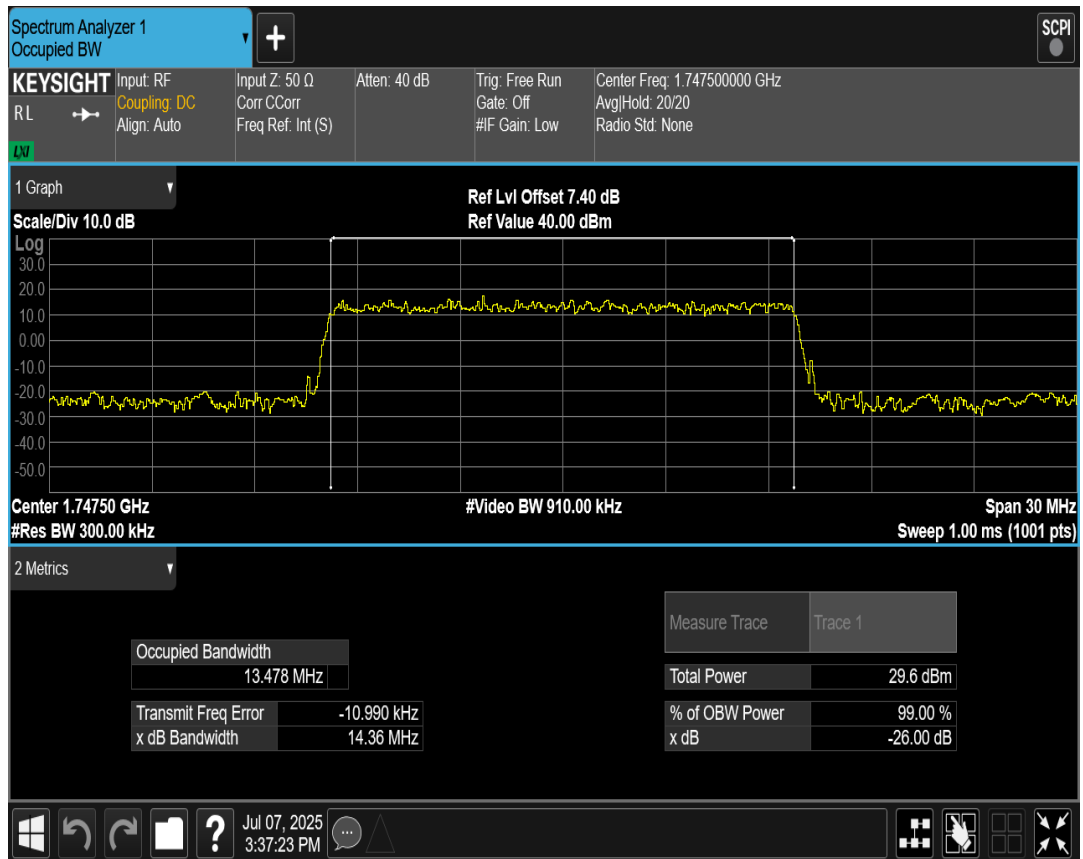
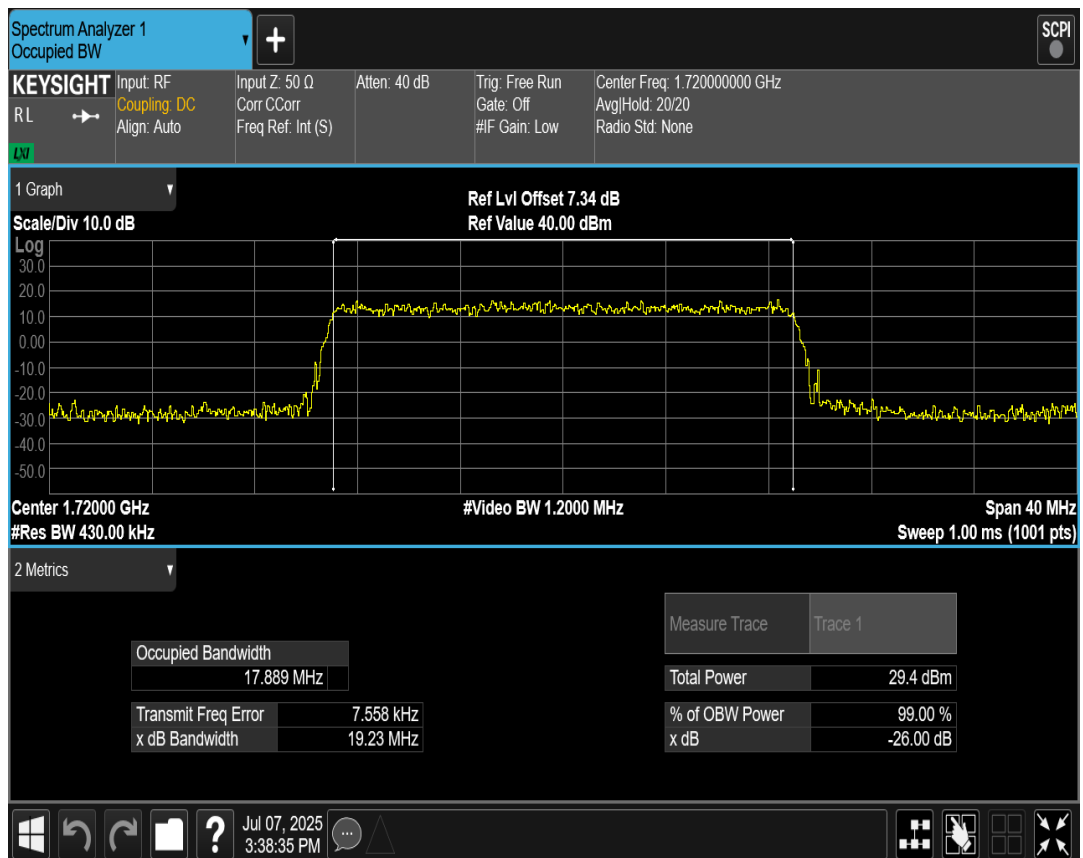
**Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0****Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0**

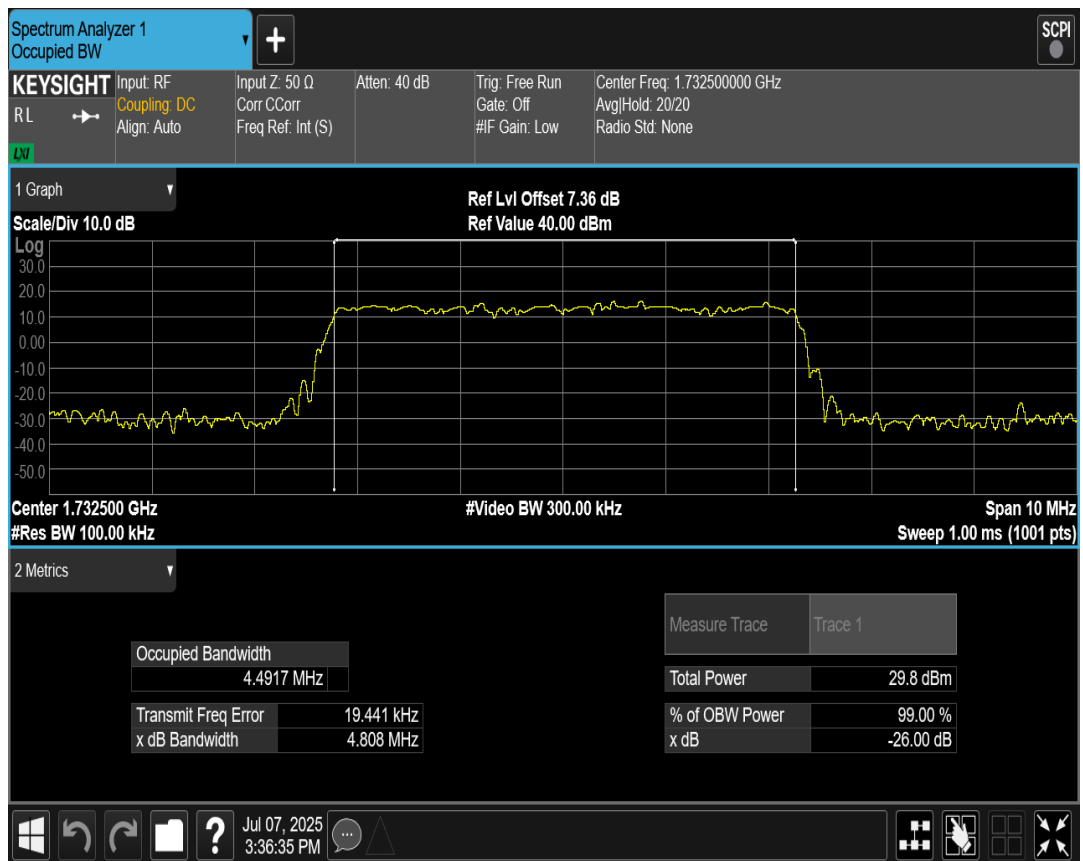
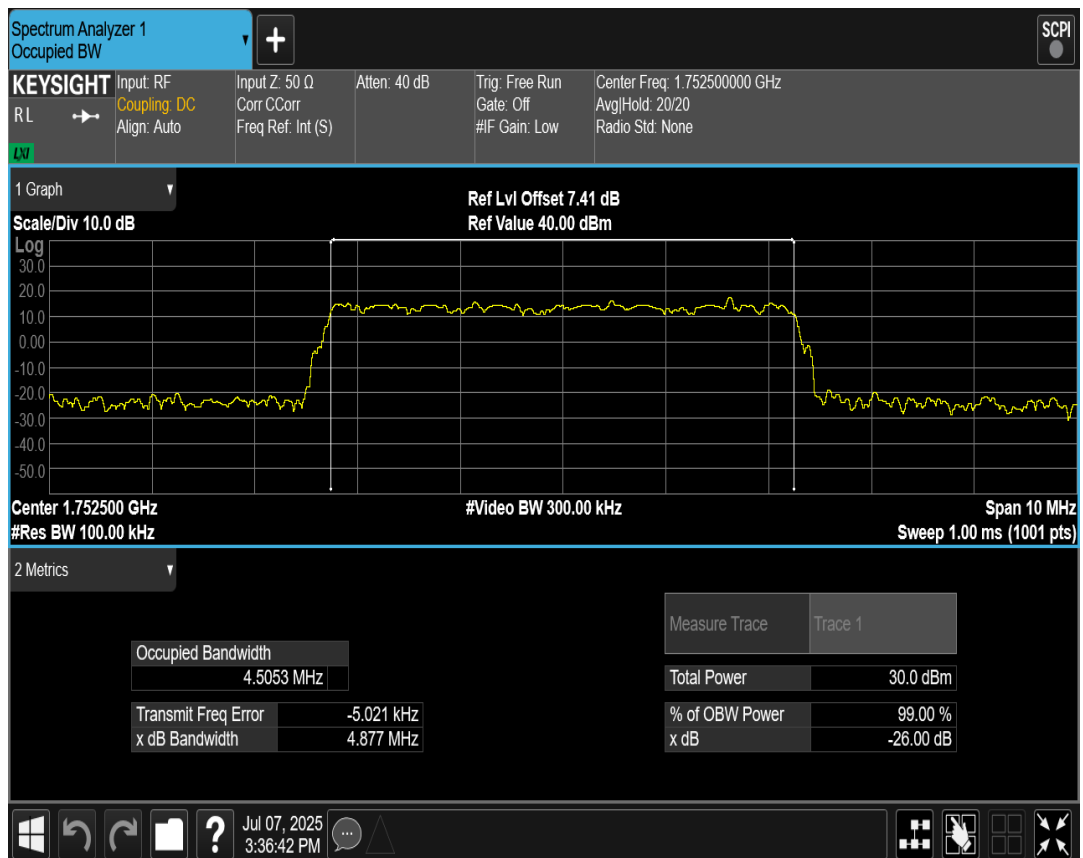
**Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0****Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0**

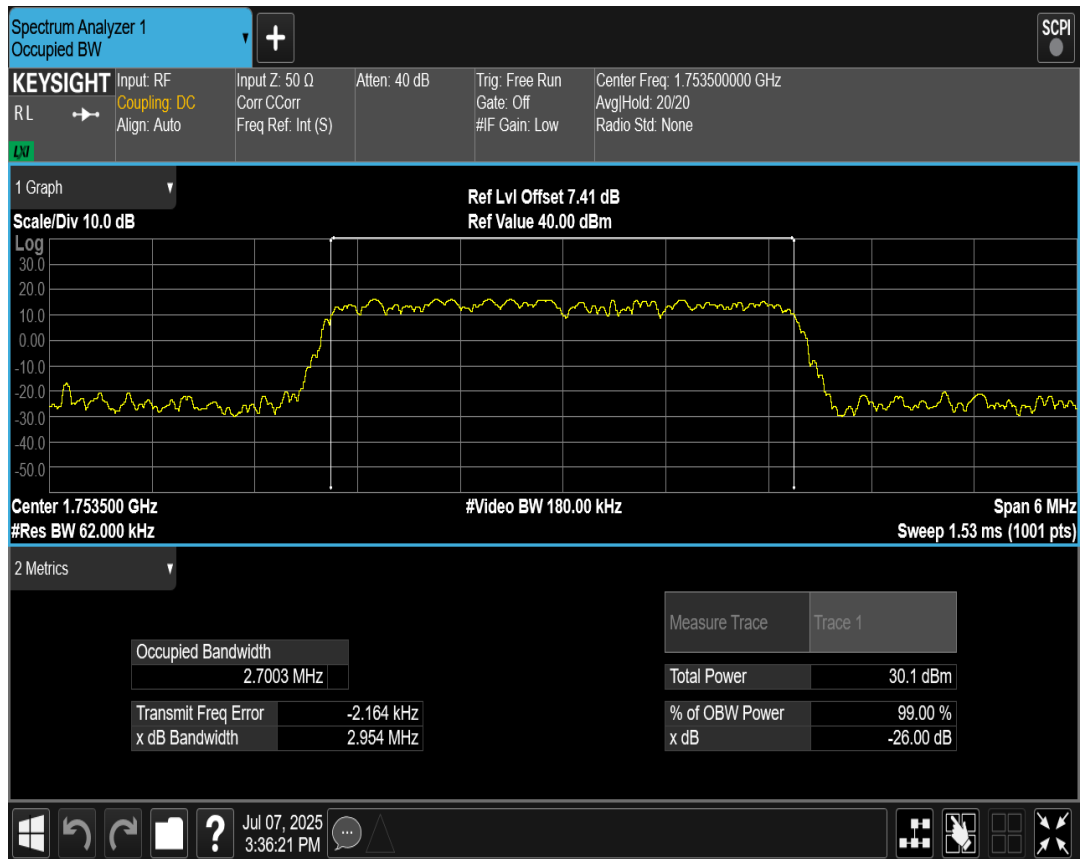
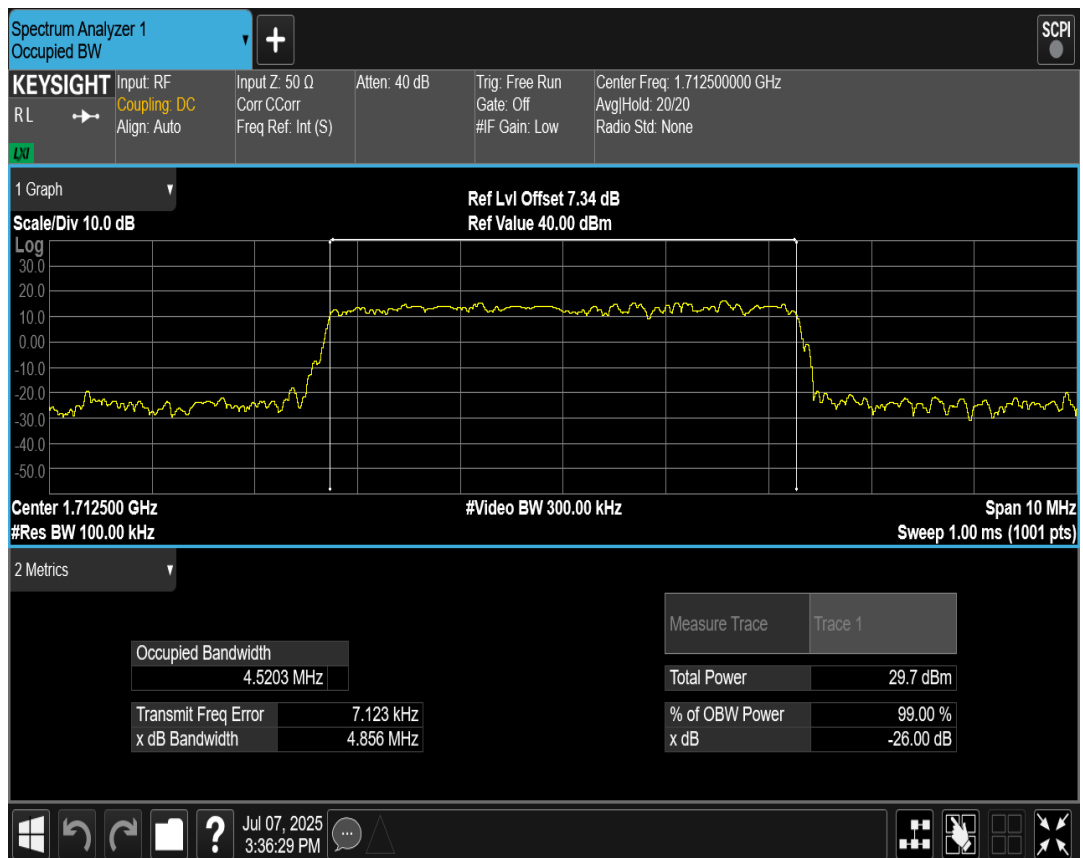
**Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0****Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0**

**Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0****Band4 QPSK BW=20MHz Channel=20175 RB Size=100 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=5MHz Channel=20175 RB Size=25 Position=#0**

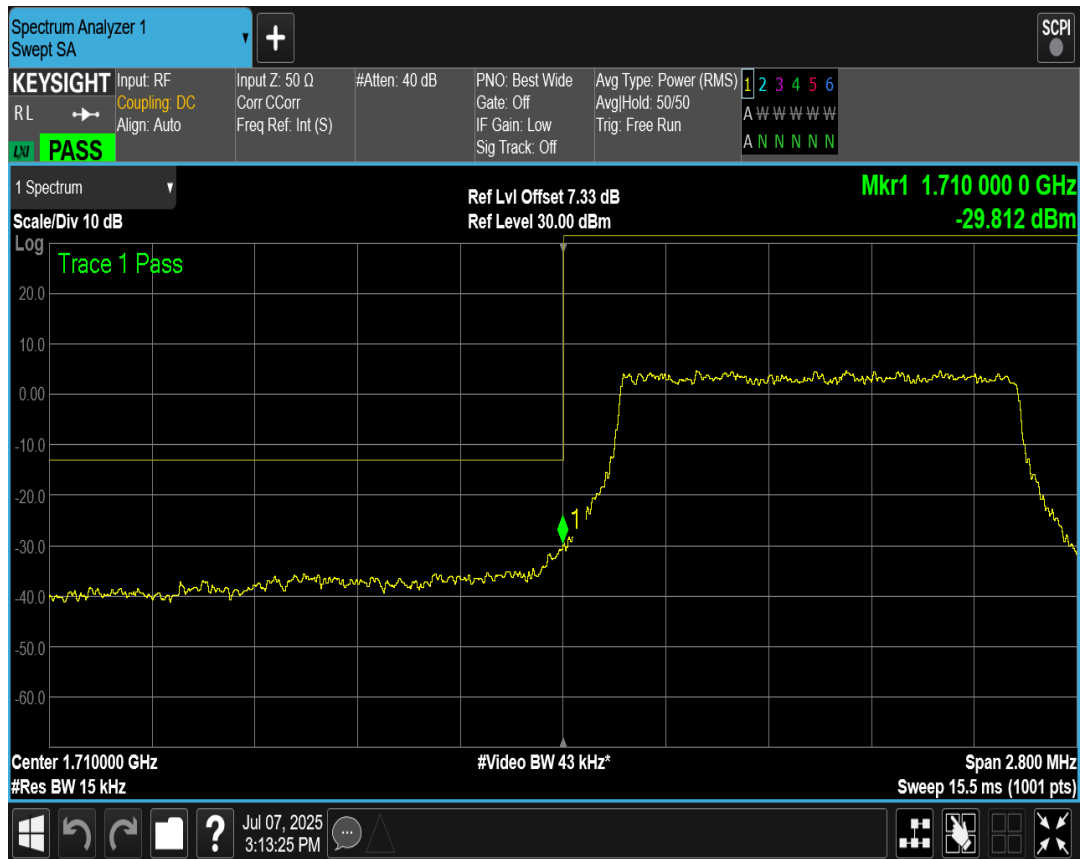
**Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0****Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0**

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

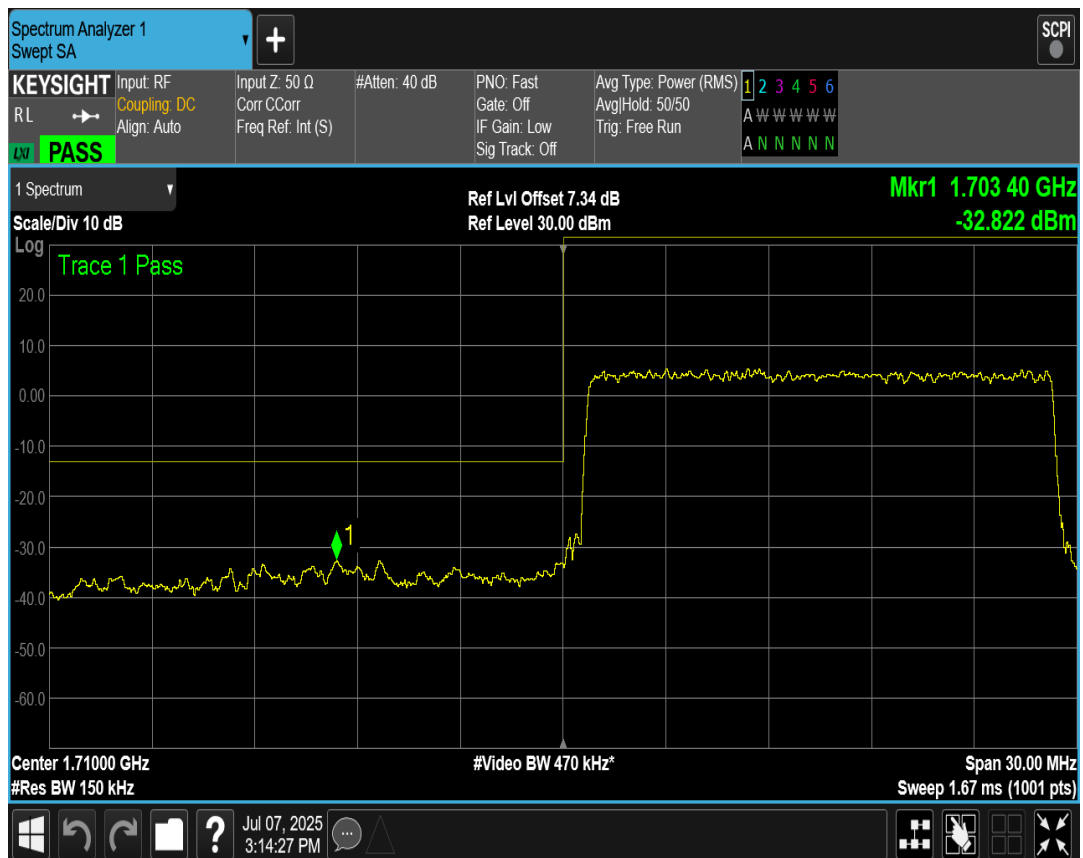
5 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	1710.00	-29.94	-13	PASS
Band4	1.4	19957	6	#0	QAM64	1710.00	-29.81	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.01	-29.20	-13	PASS
Band4	1.4	20393	6	#0	QAM64	1755.00	-27.36	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-29.39	-13	PASS
Band4	3	19965	15	#0	QAM64	1710.00	-29.84	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-30.02	-13	PASS
Band4	3	20385	15	#0	QAM64	1755.00	-30.94	-13	PASS
Band4	5	19975	25	#0	QPSK	1709.96	-30.27	-13	PASS
Band4	5	19975	25	#0	QAM64	1709.97	-29.98	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-26.56	-13	PASS
Band4	5	20375	25	#0	QAM64	1755.00	-29.18	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.98	-34.37	-13	PASS
Band4	10	20000	50	#0	QAM64	1710.00	-30.97	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.02	-30.71	-13	PASS
Band4	10	20350	50	#0	QAM64	1755.04	-32.07	-13	PASS
Band4	15	20025	75	#0	QPSK	1710.00	-31.44	-13	PASS
Band4	15	20025	75	#0	QAM64	1703.40	-32.82	-13	PASS
Band4	15	20325	75	#0	QPSK	1761.21	-31.49	-13	PASS
Band4	15	20325	75	#0	QAM64	1763.70	-31.37	-13	PASS
Band4	20	20050	100	#0	QPSK	1708.52	-33.94	-13	PASS
Band4	20	20050	100	#0	QAM64	1710.00	-33.91	-13	PASS
Band4	20	20300	100	#0	QPSK	1766.44	-31.23	-13	PASS
Band4	20	20300	100	#0	QAM64	1768.40	-31.86	-13	PASS

Band4 QAM64 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



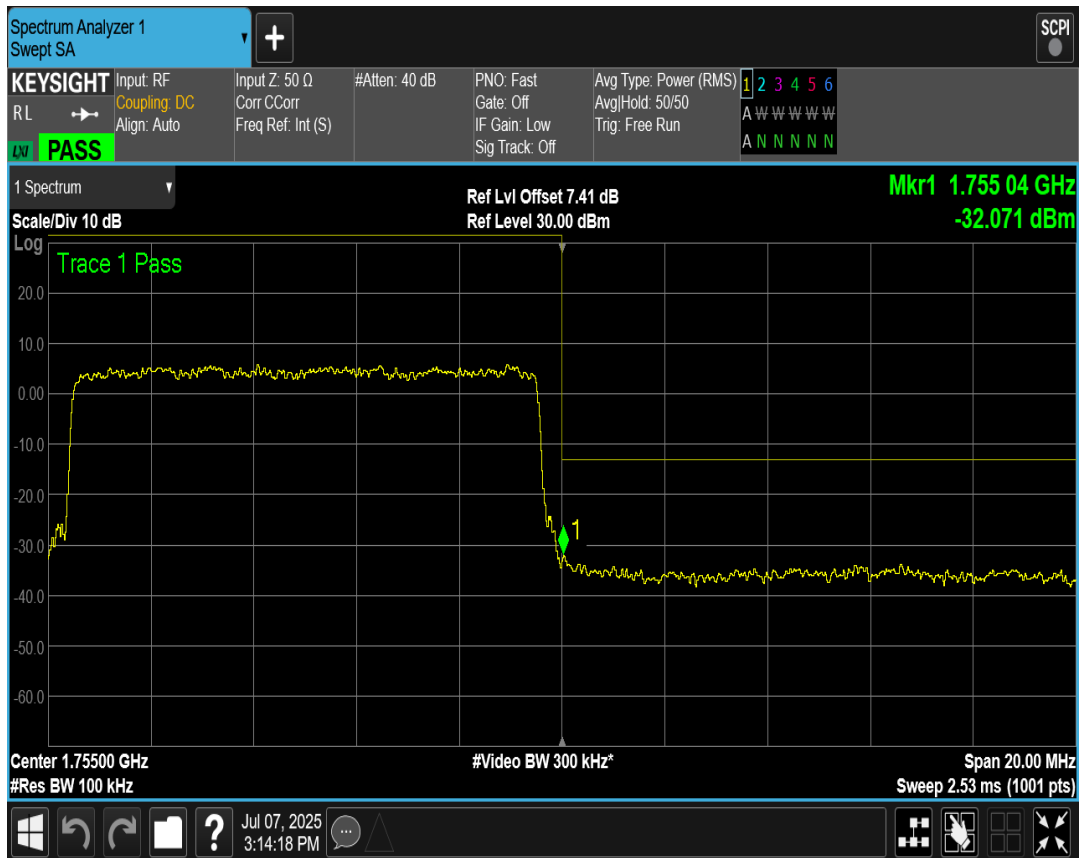
Band4 QAM64 BW=15MHz Channel=20025 RB Size=75 Position=#0



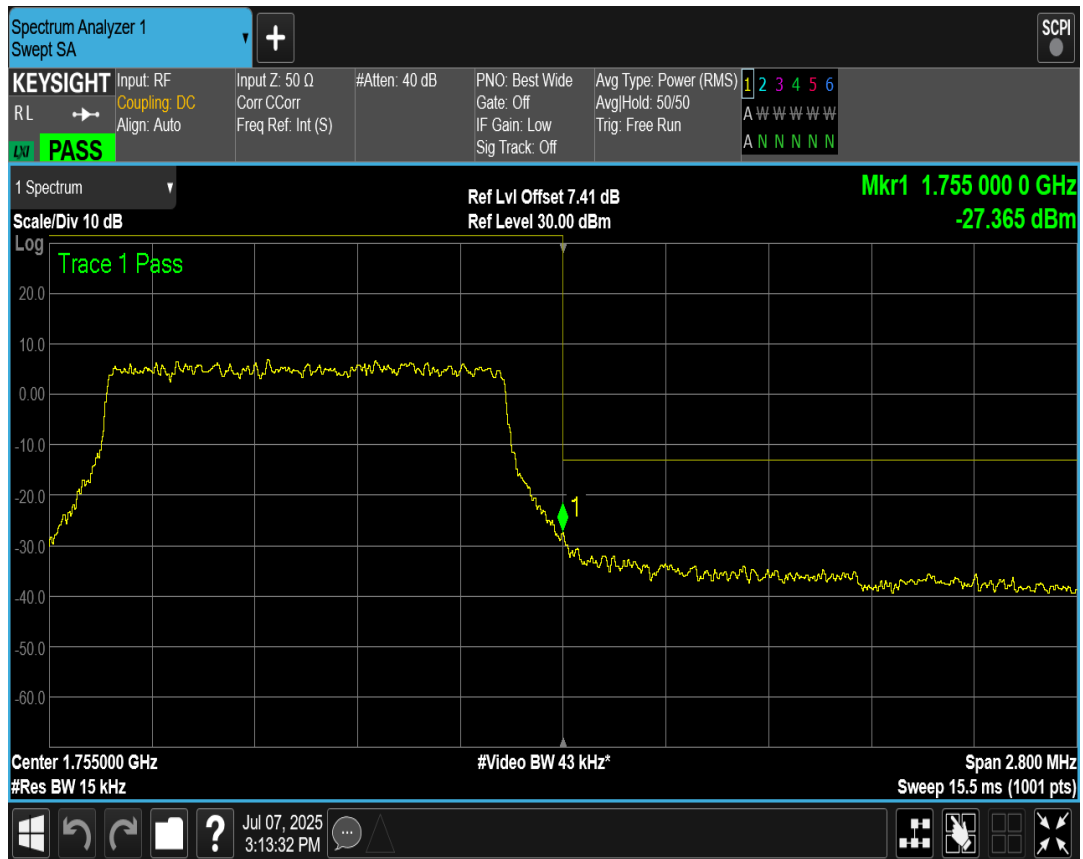
Band4 QAM64 BW=15MHz Channel=20325 RB Size=75 Position=#0



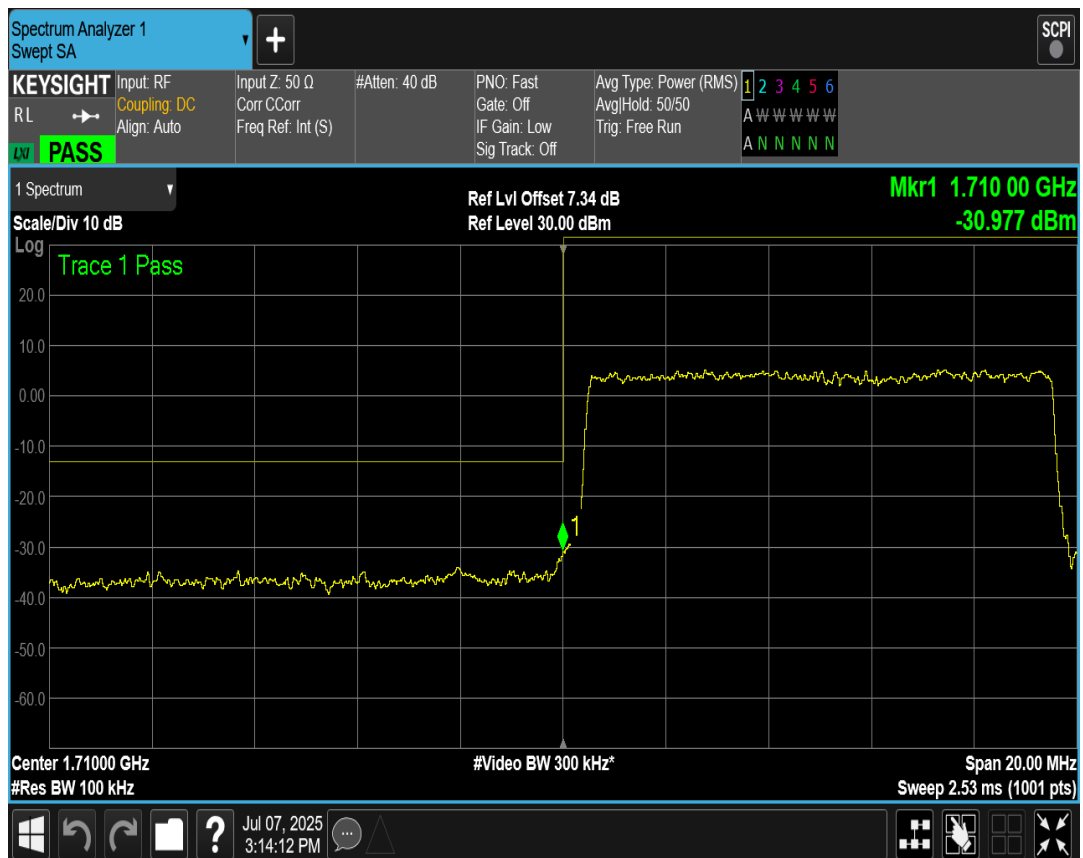
Band4 QAM64 BW=10MHz Channel=20350 RB Size=50 Position=#0



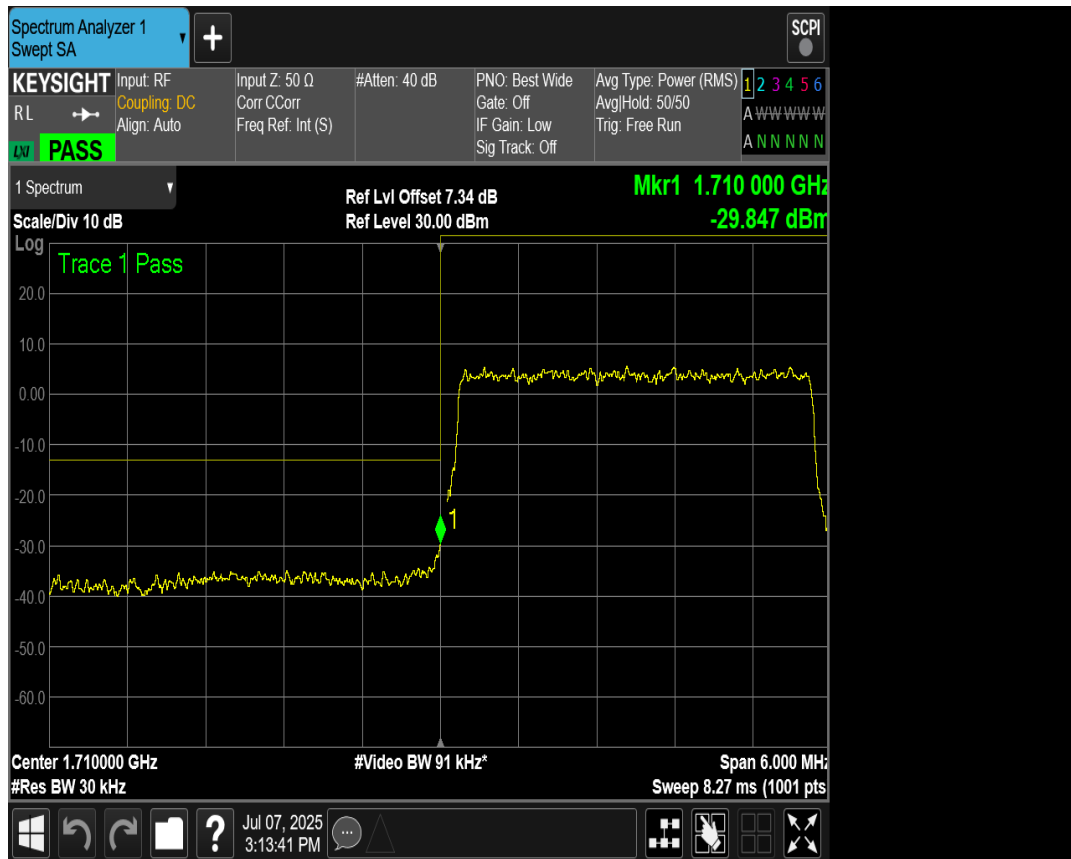
Band4 QAM64 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



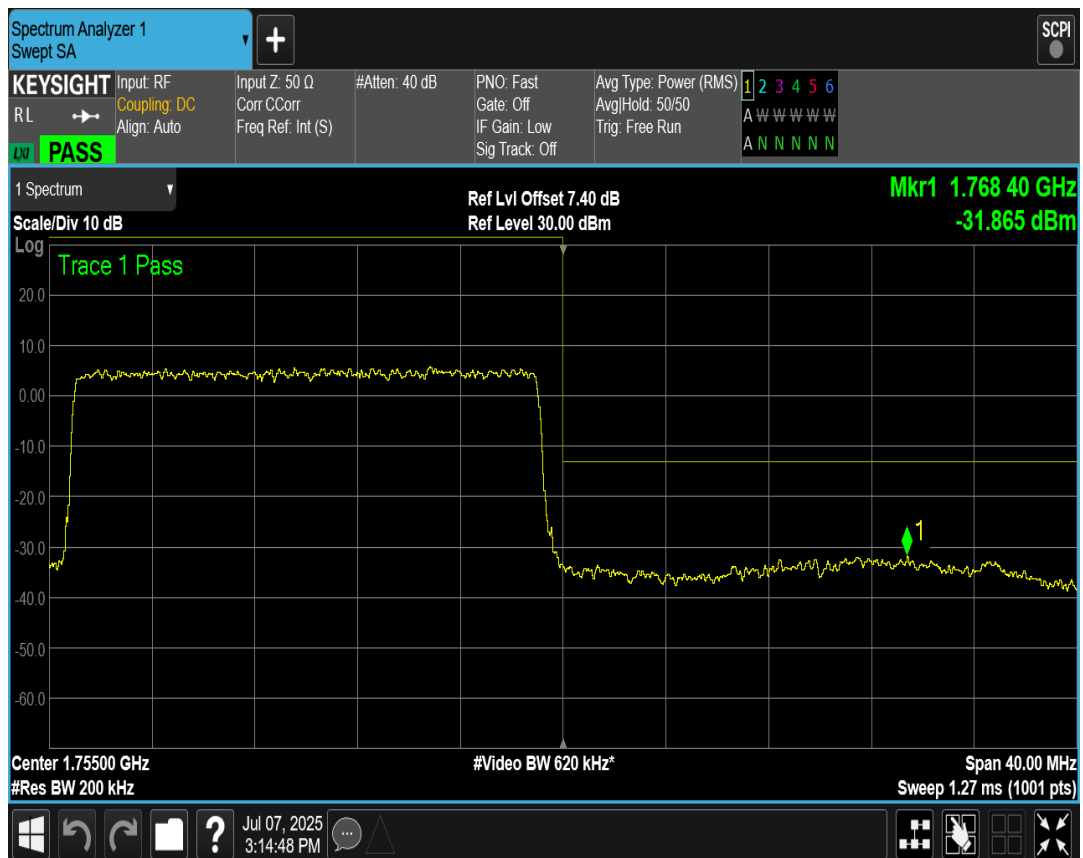
Band4 QAM64 BW=10MHz Channel=20000 RB Size=50 Position=#0



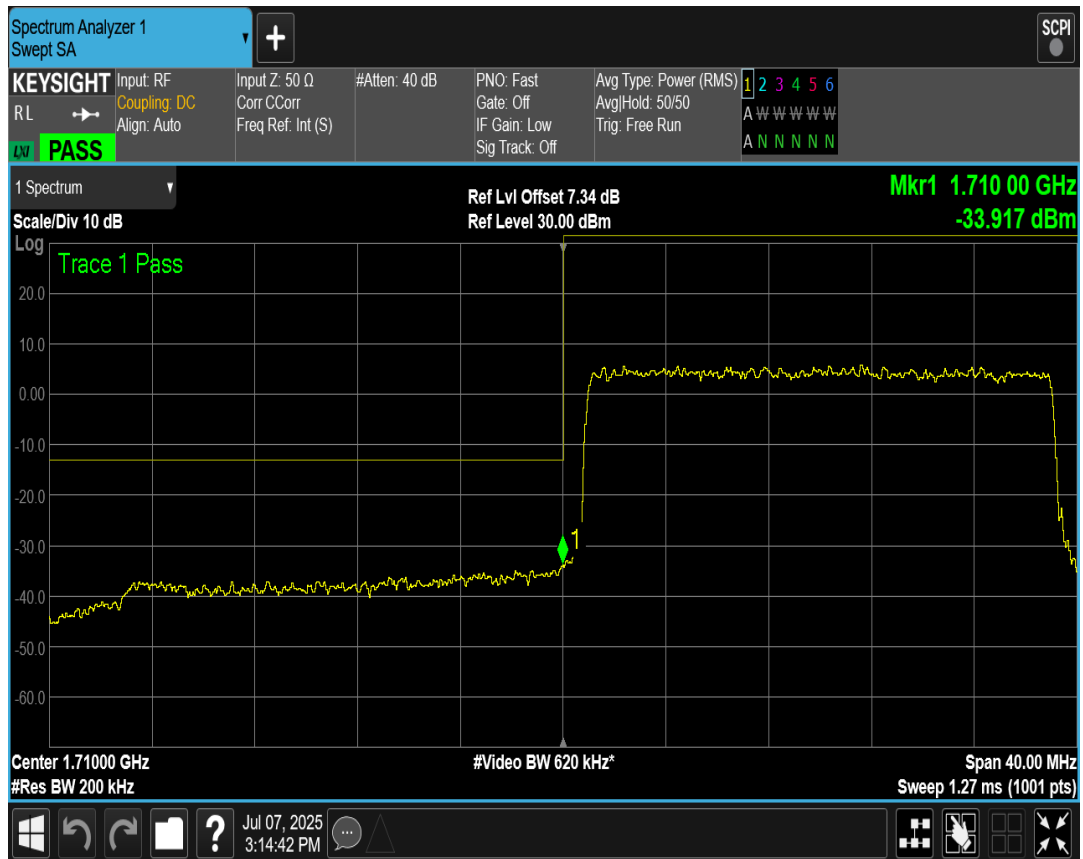
Band4 QAM64 BW=3MHz Channel=19965 RB Size=15 Position=#0



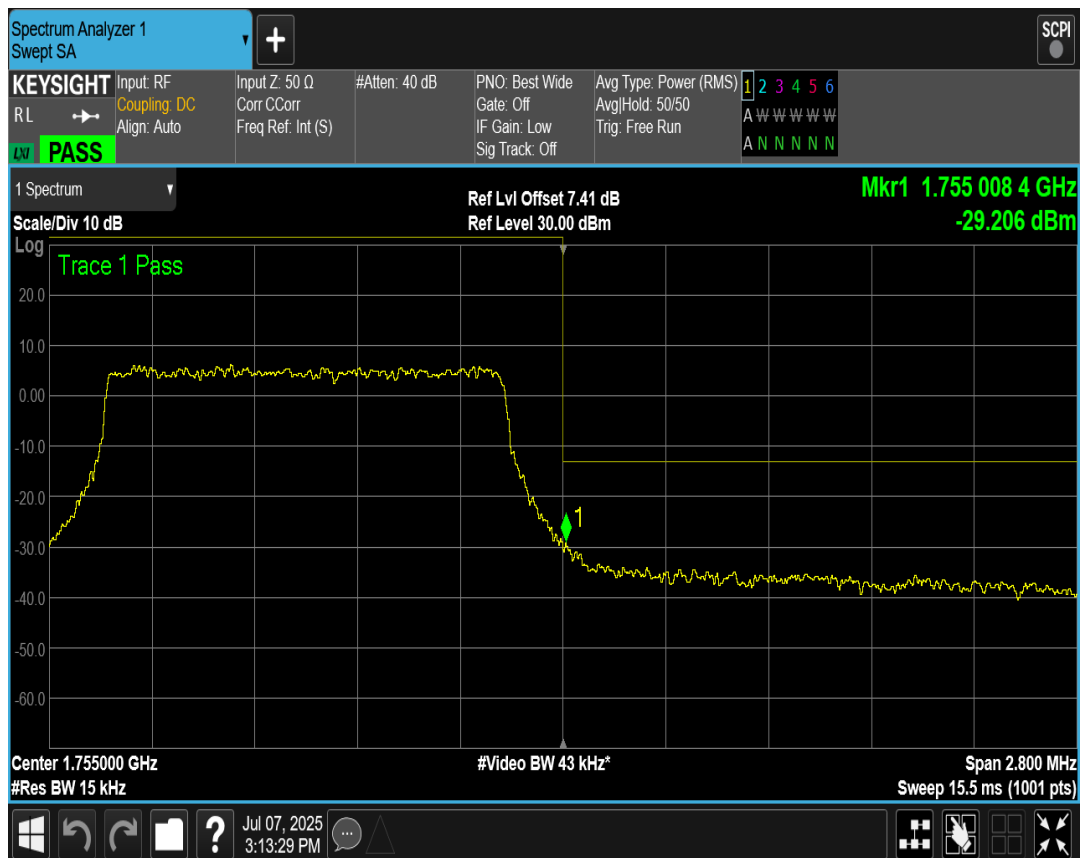
Band4 QAM64 BW=20MHz Channel=20300 RB Size=100 Position=#0



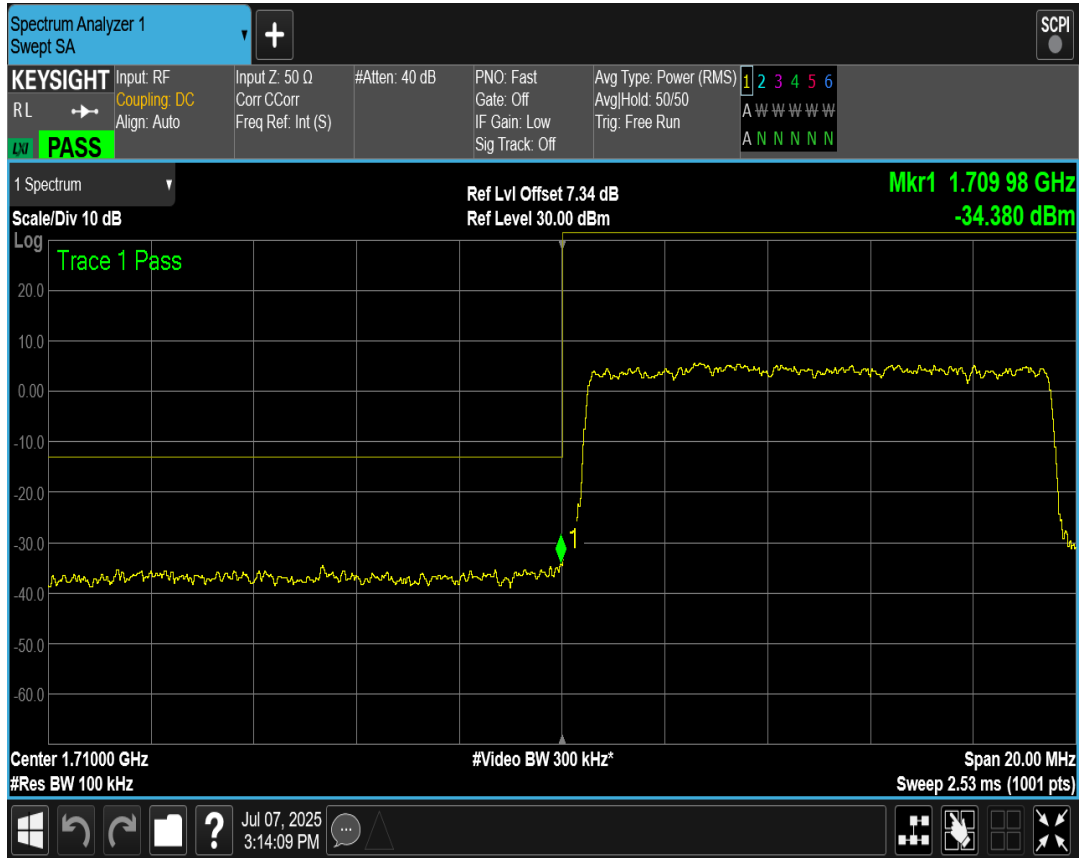
Band4 QAM64 BW=20MHz Channel=20050 RB Size=100 Position=#0



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



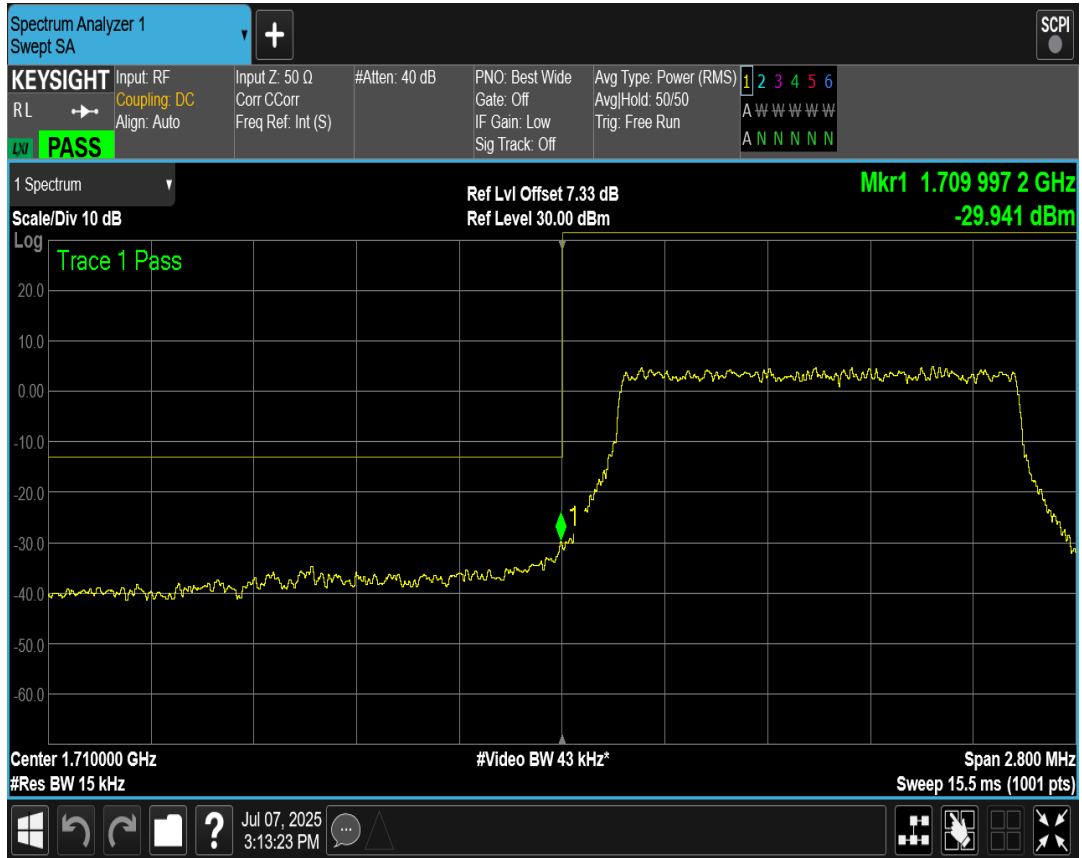
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



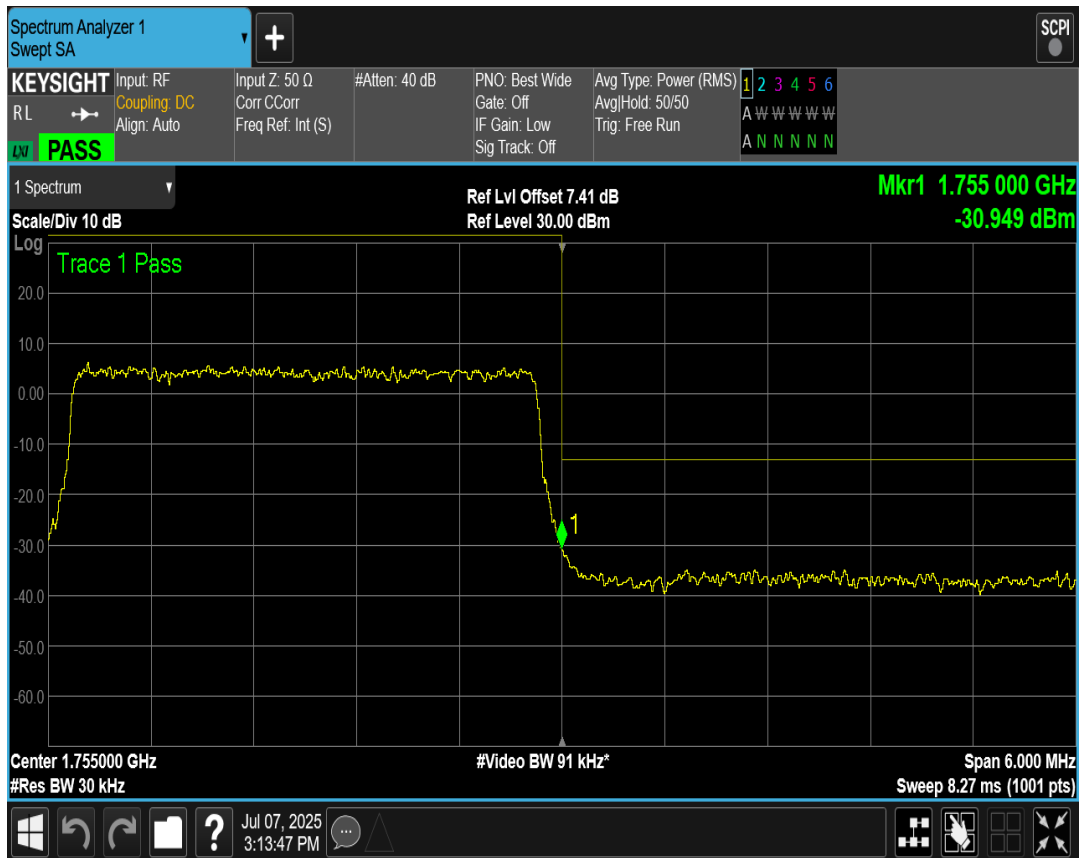
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



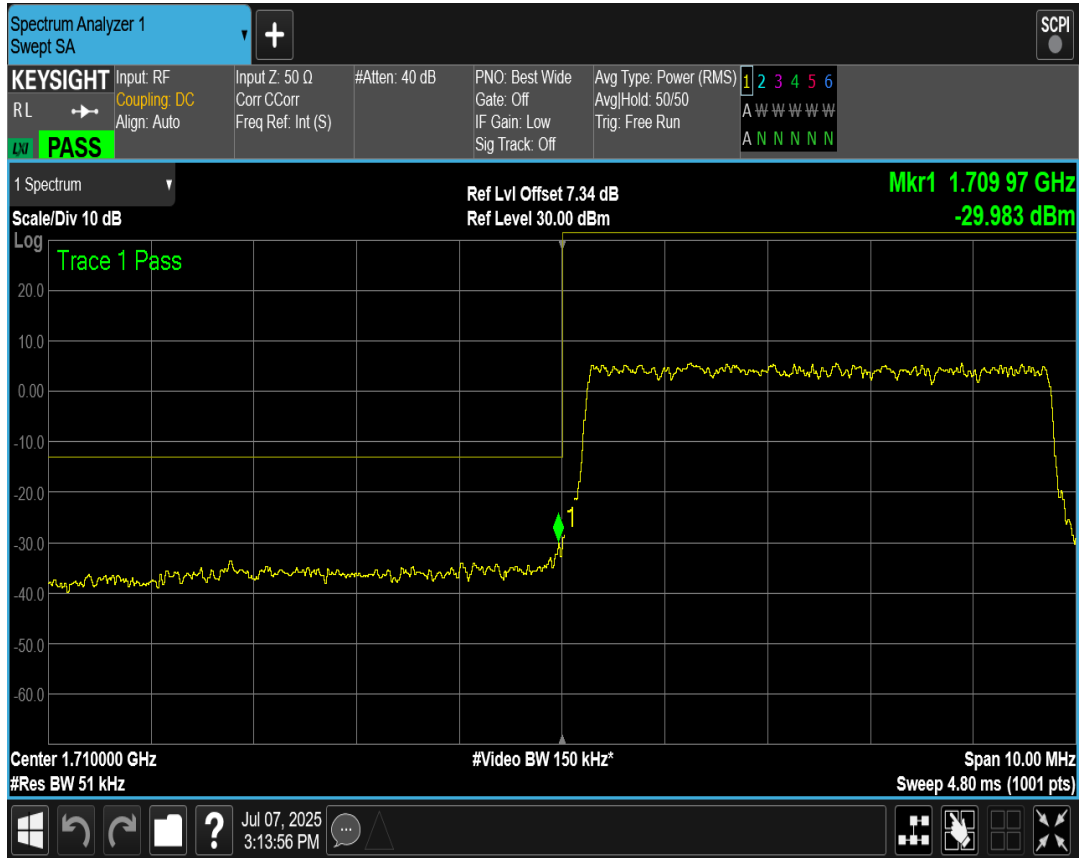
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



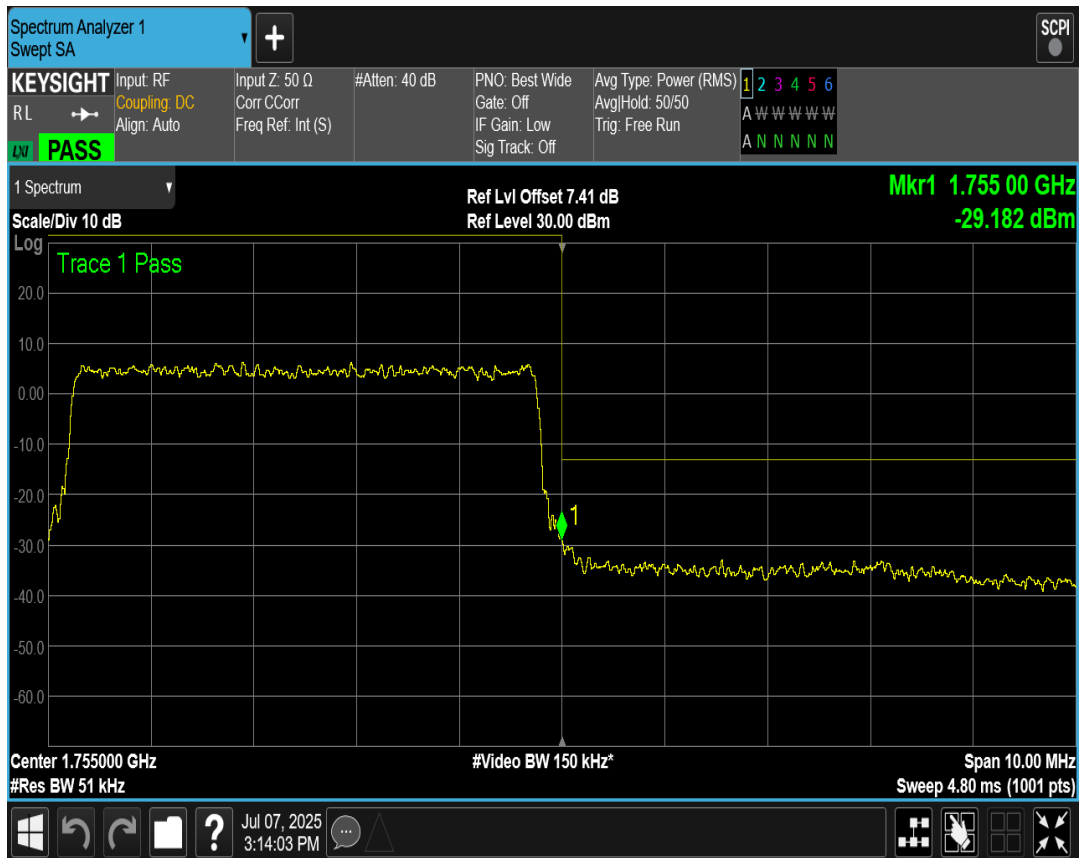
Band4 QAM64 BW=3MHz Channel=20385 RB Size=15 Position=#0



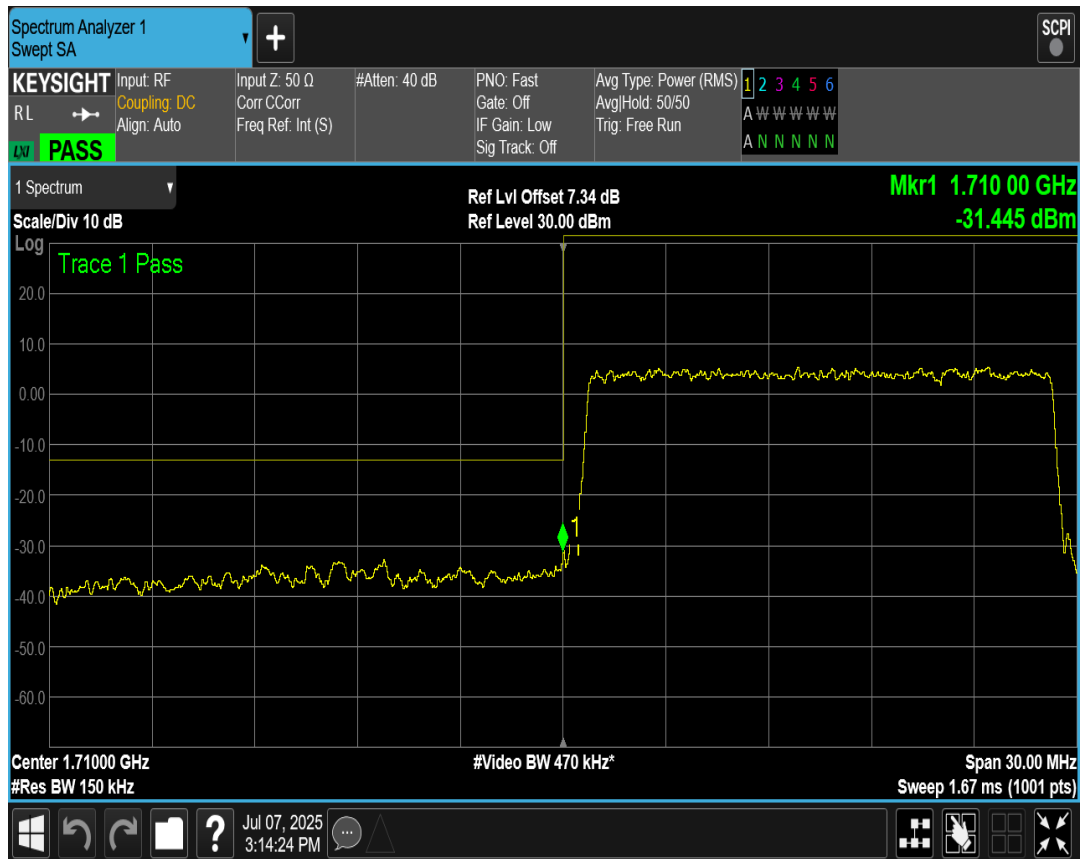
Band4 QAM64 BW=5MHz Channel=19975 RB Size=25 Position=#0



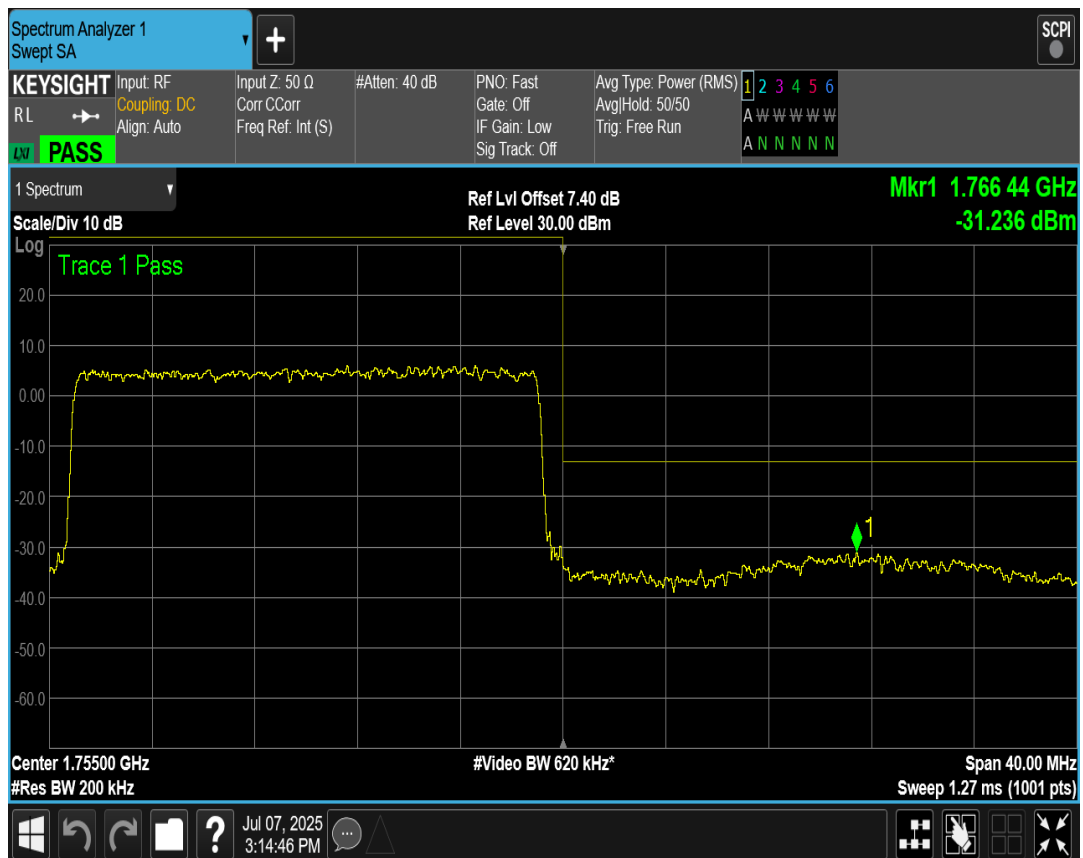
Band4 QAM64 BW=5MHz Channel=20375 RB Size=25 Position=#0



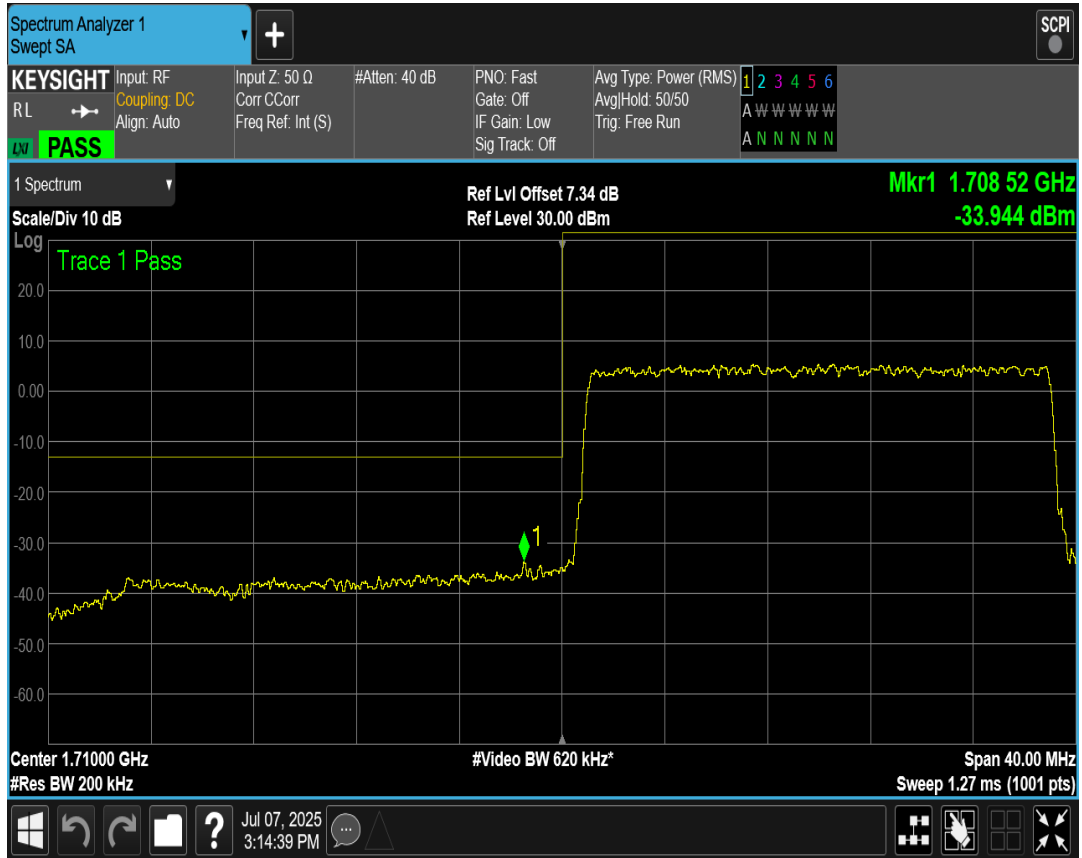
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



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



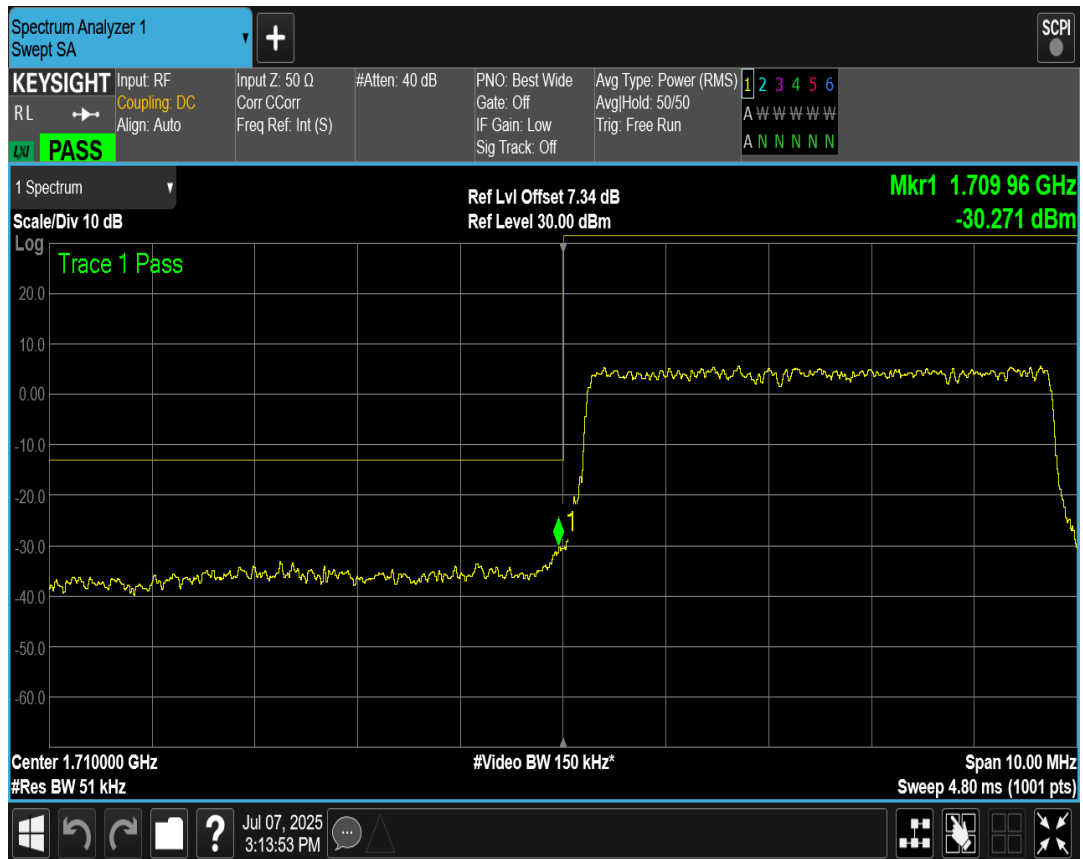
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



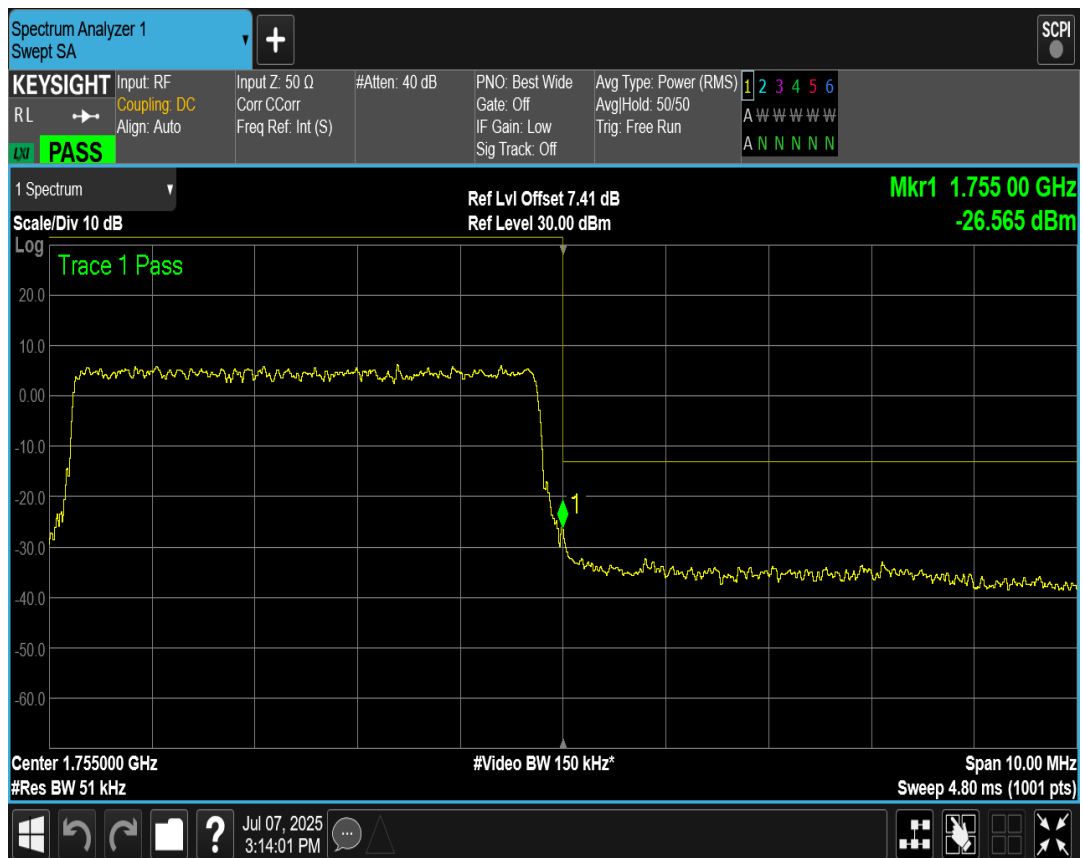
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



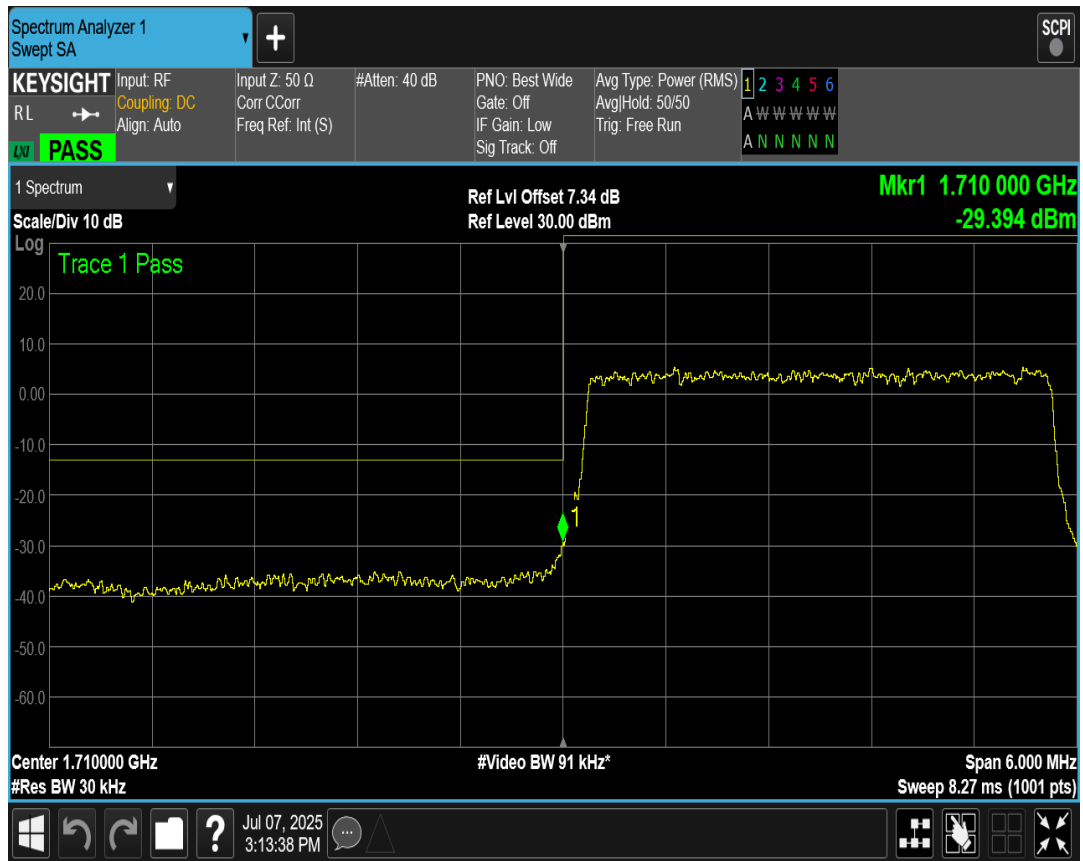
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



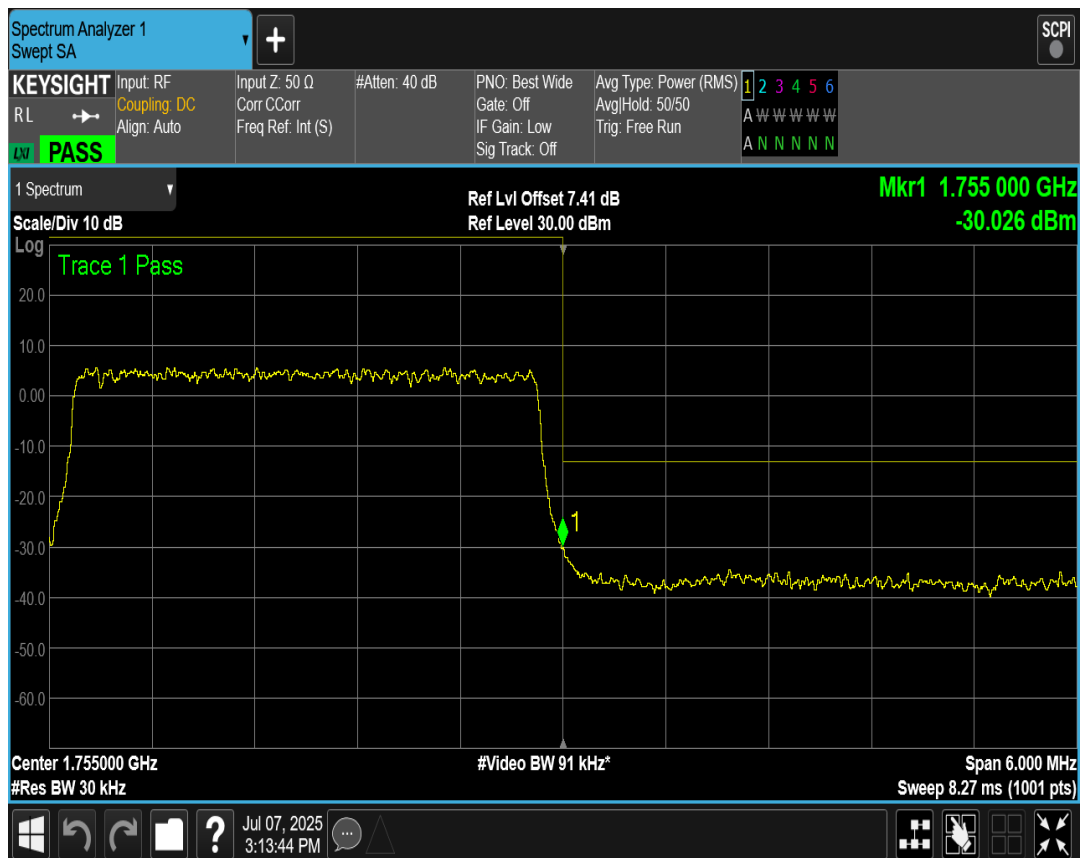
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



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



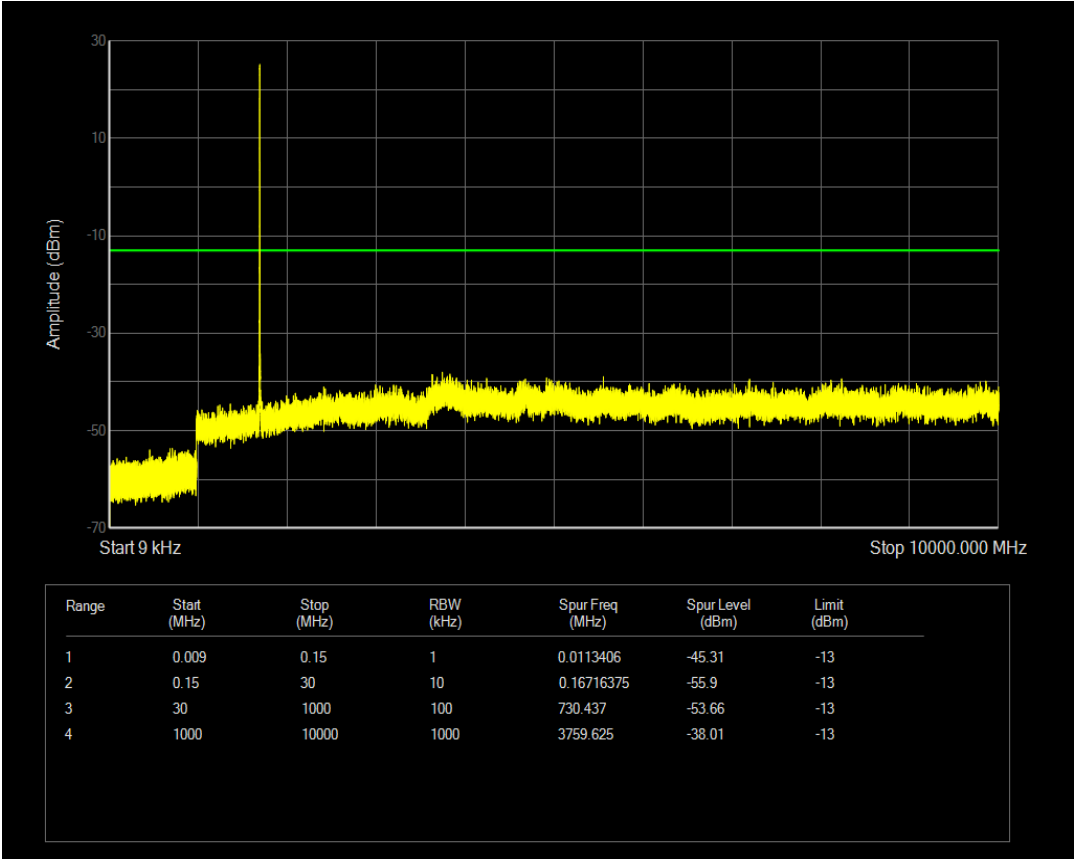
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



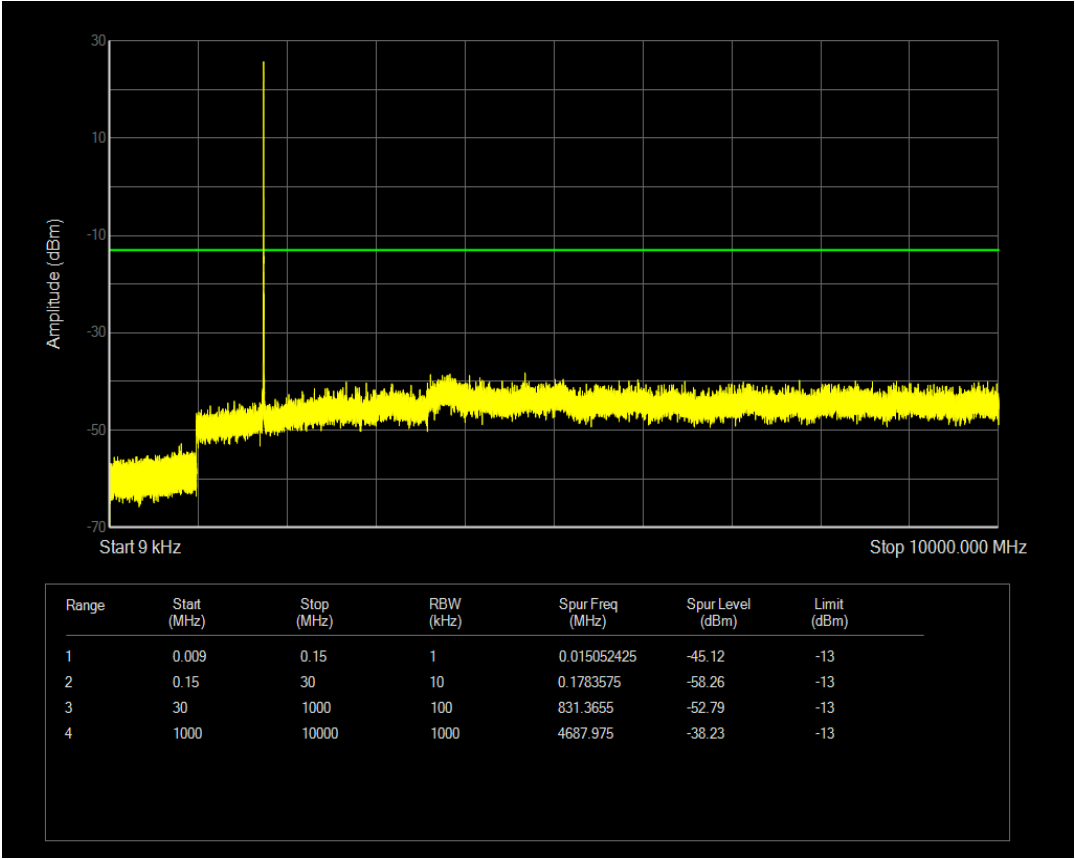
6 Out-of-band emissions

<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	3793.38	-37.68	-13	PASS
Band4	1.4	19957	6	#0	QAM64	3759.63	-38.01	-13	PASS
Band4	1.4	20393	6	#0	QPSK	3714.18	-37.69	-13	PASS
Band4	1.4	20393	6	#0	QAM64	4687.98	-38.23	-13	PASS
Band4	3	19965	15	#0	QPSK	3889.90	-37.52	-13	PASS
Band4	3	19965	15	#0	QAM64	3801.25	-38.59	-13	PASS
Band4	3	20385	15	#0	QPSK	5089.38	-38.70	-13	PASS
Band4	3	20385	15	#0	QAM64	3785.28	-37.55	-13	PASS
Band4	5	19975	25	#0	QPSK	3864.25	-37.97	-13	PASS
Band4	5	19975	25	#0	QAM64	3855.48	-37.61	-13	PASS
Band4	5	20375	25	#0	QPSK	3862.23	-37.52	-13	PASS
Band4	5	20375	25	#0	QAM64	4207.38	-38.12	-13	PASS
Band4	10	20000	50	#0	QPSK	9400.83	-38.37	-13	PASS
Band4	10	20000	50	#0	QAM64	3818.13	-38.64	-13	PASS
Band4	10	20350	50	#0	QPSK	3774.03	-38.25	-13	PASS
Band4	10	20350	50	#0	QAM64	3847.15	-37.63	-13	PASS
Band4	15	20025	75	#0	QPSK	3778.75	-38.13	-13	PASS
Band4	15	20025	75	#0	QAM64	3775.38	-38.54	-13	PASS
Band4	15	20325	75	#0	QPSK	4699.68	-38.18	-13	PASS
Band4	15	20325	75	#0	QAM64	3739.15	-37.51	-13	PASS
Band4	20	20050	100	#0	QPSK	3719.13	-38.37	-13	PASS
Band4	20	20050	100	#0	QAM64	4144.15	-38.04	-13	PASS
Band4	20	20300	100	#0	QPSK	5077.90	-38.59	-13	PASS
Band4	20	20300	100	#0	QAM64	3694.83	-37.98	-13	PASS

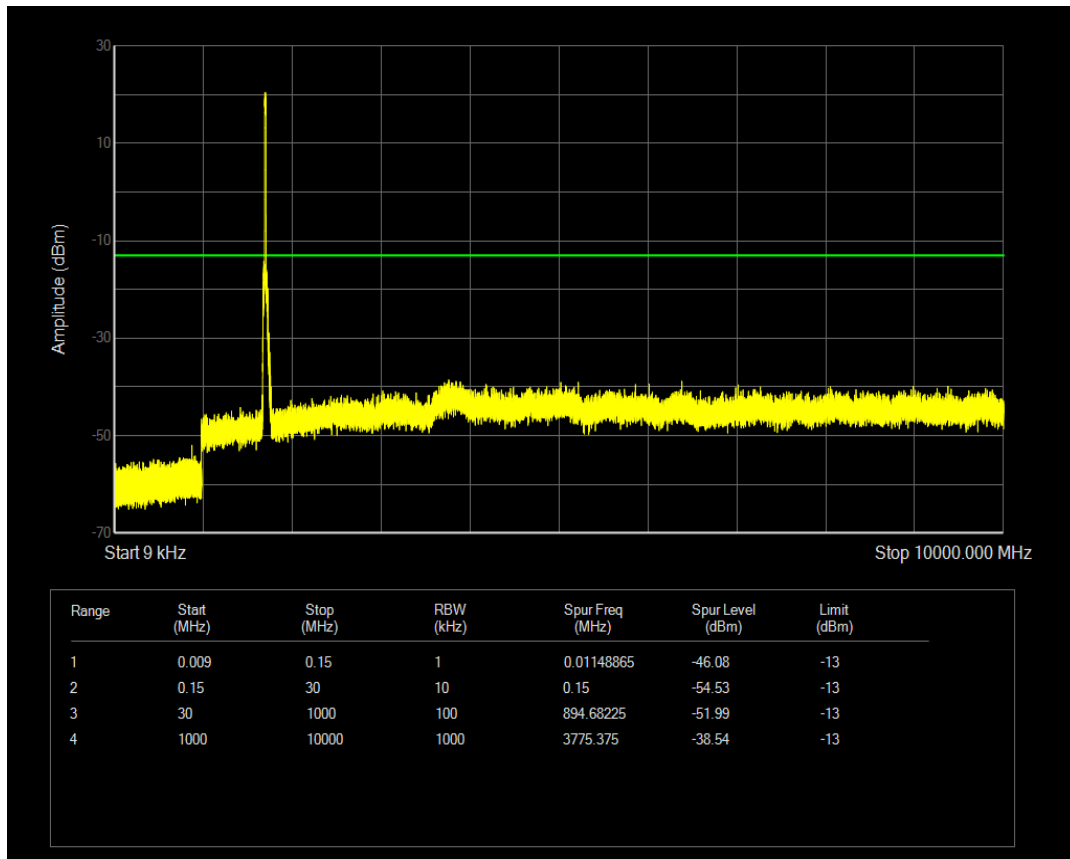
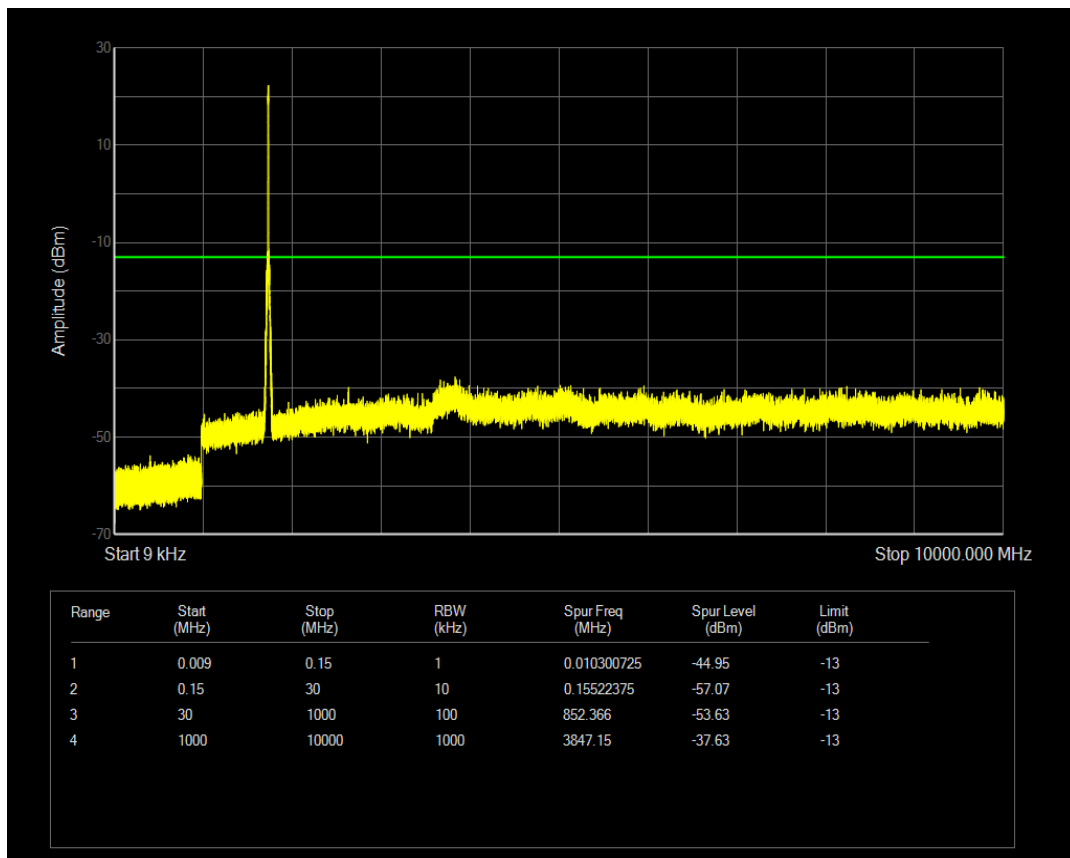
Band4 QAM64 BW=1.4MHz Channel=19957 RB Size=6 Position=#0

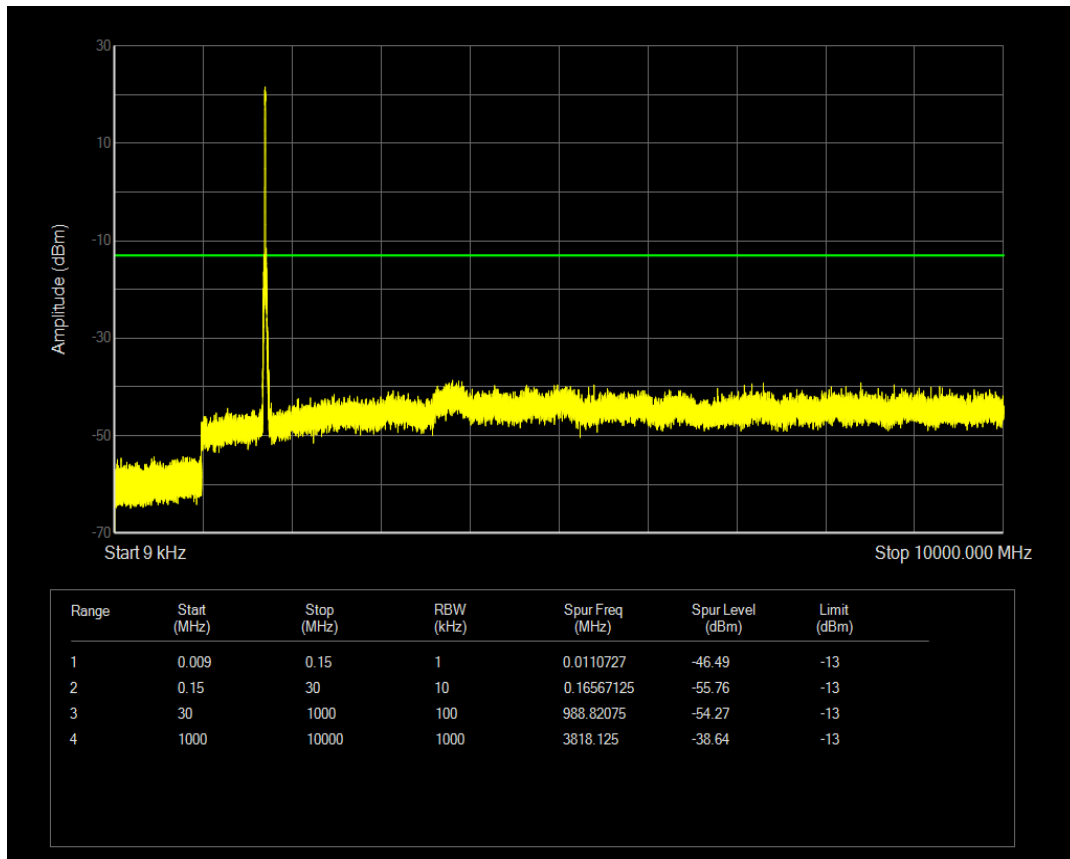
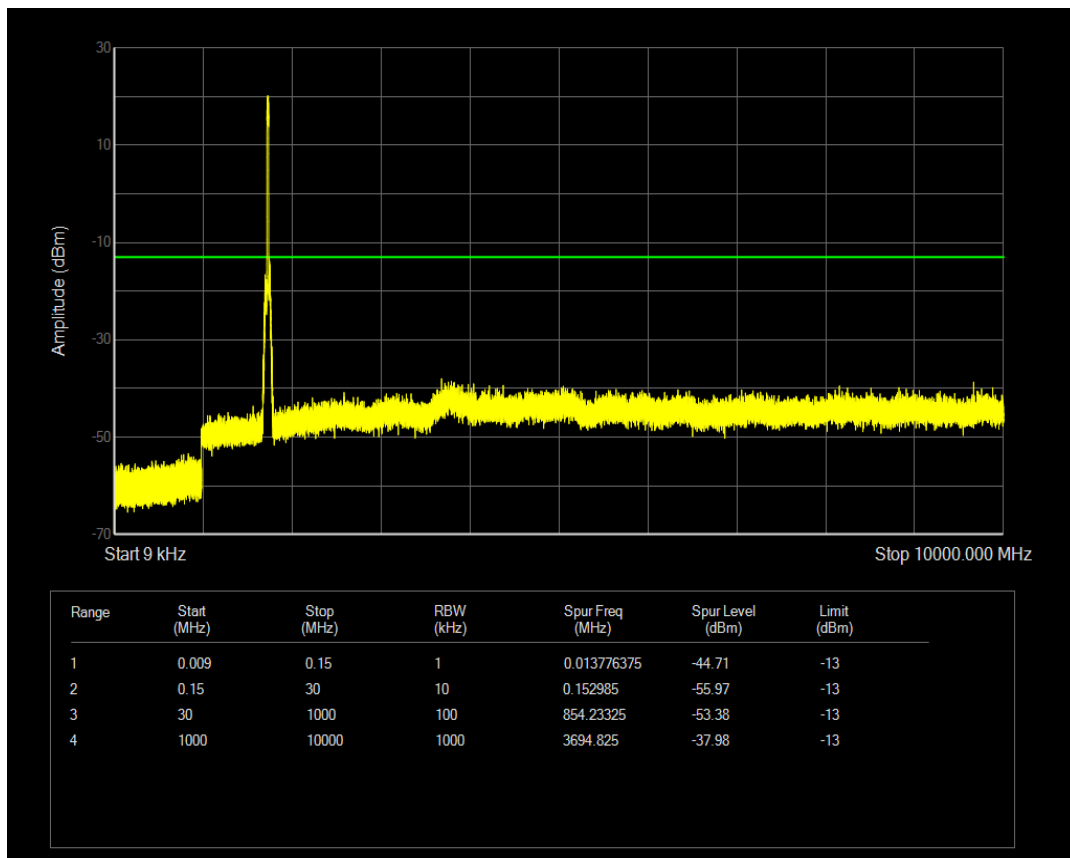


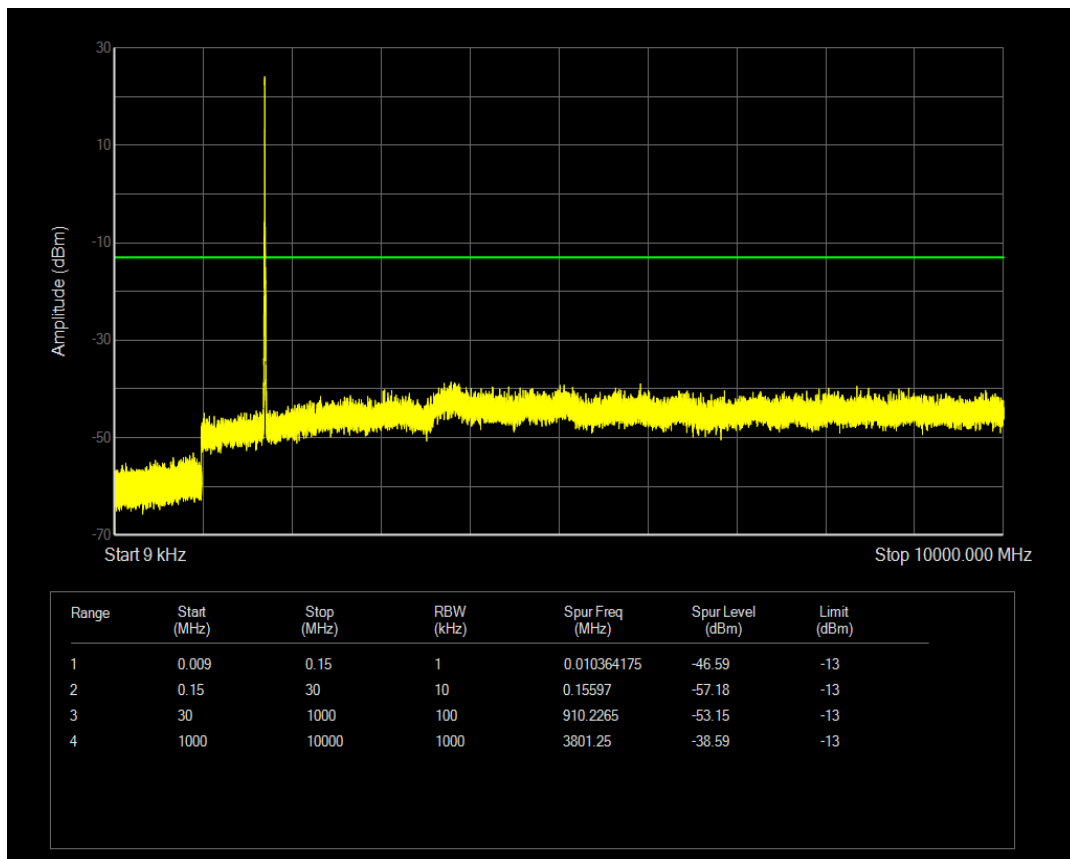
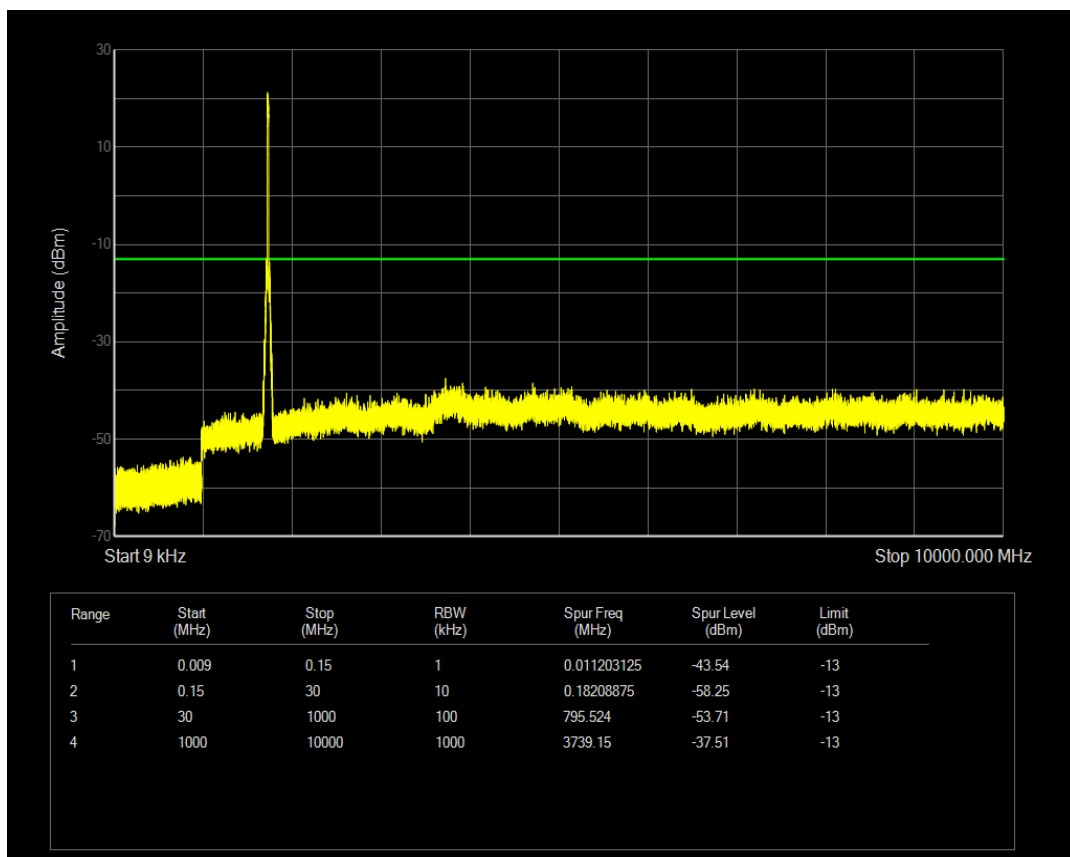
Band4 QAM64 BW=1.4MHz Channel=20393 RB Size=6 Position=#0

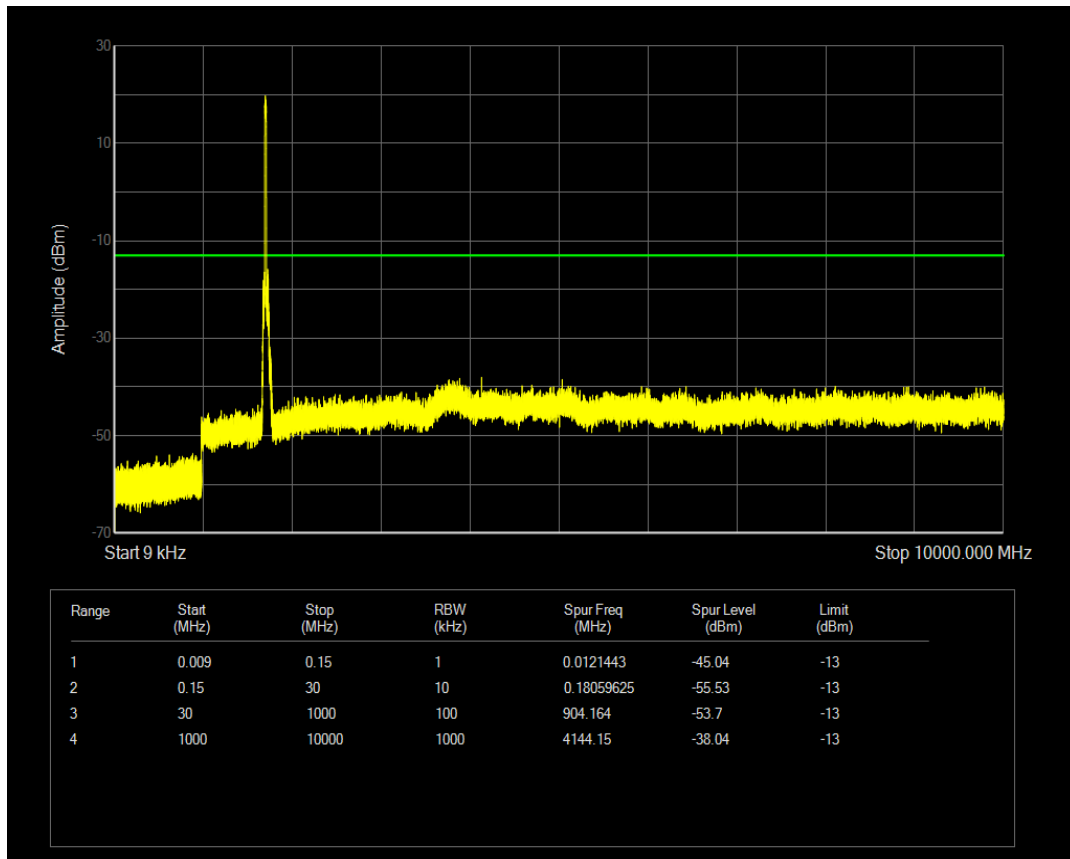
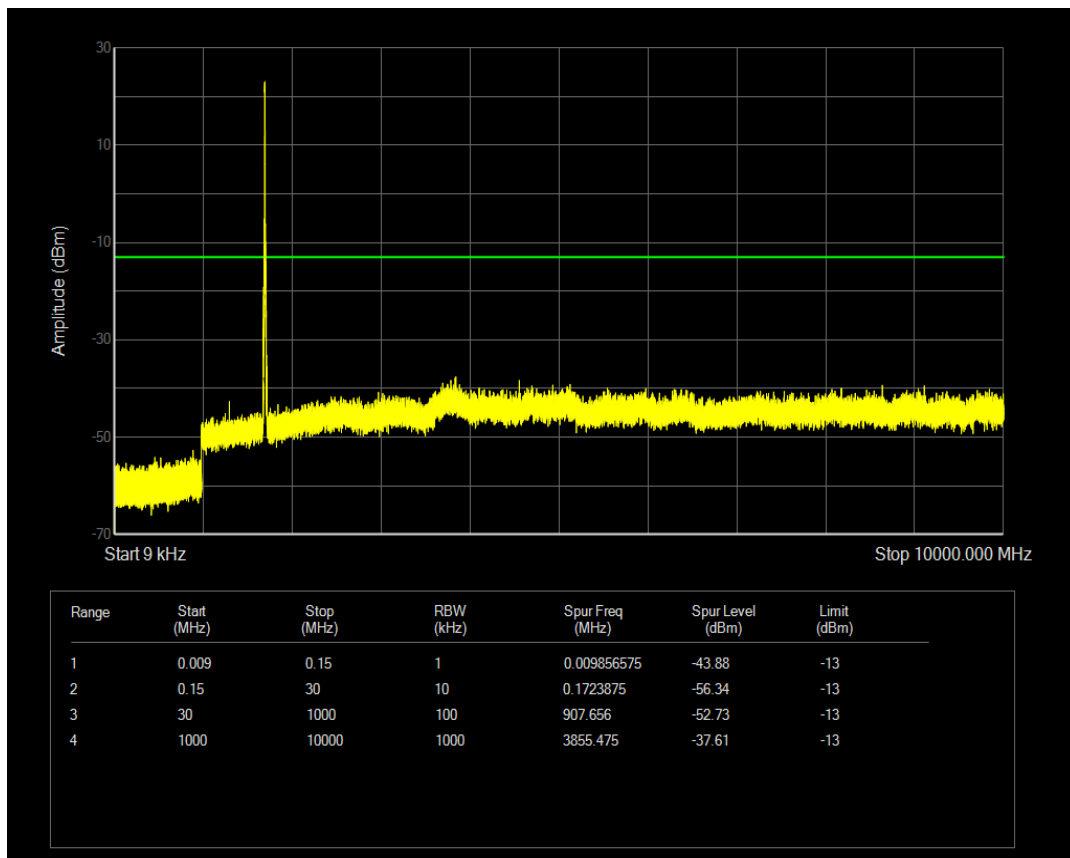


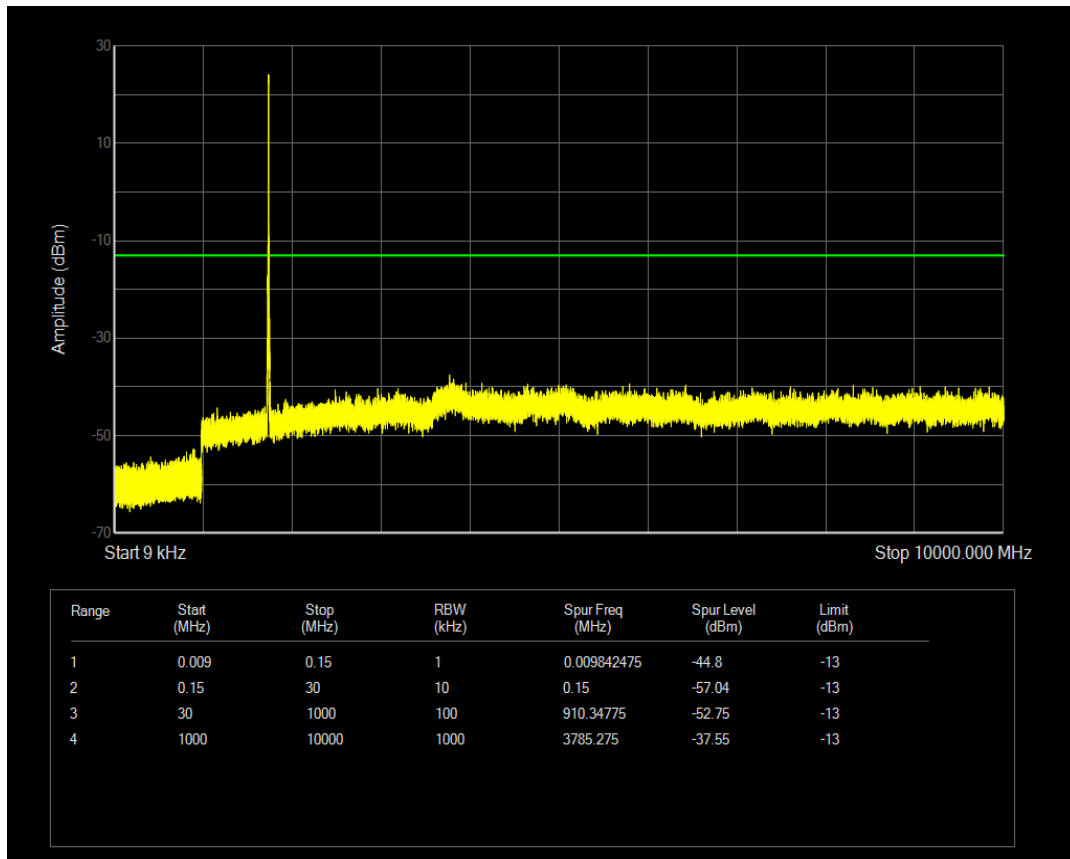
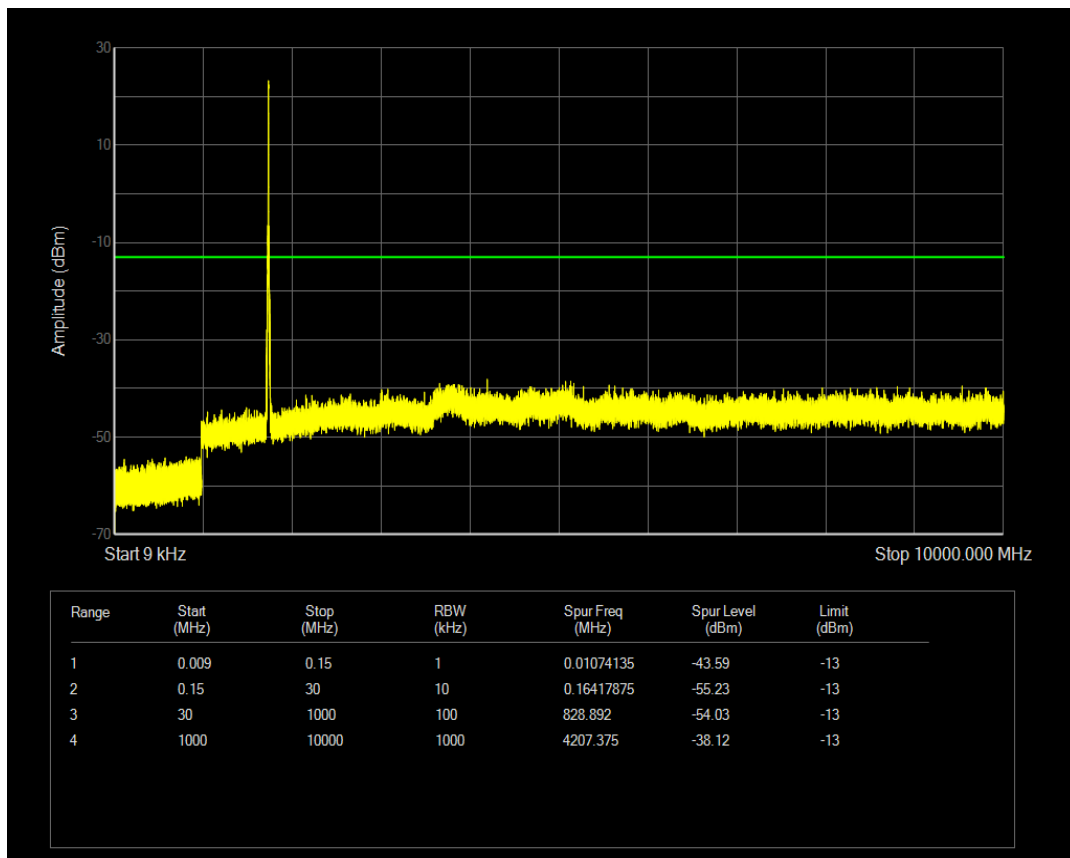
Band4 QAM64 BW=15MHz Channel=20025 RB Size=75 Position=#0

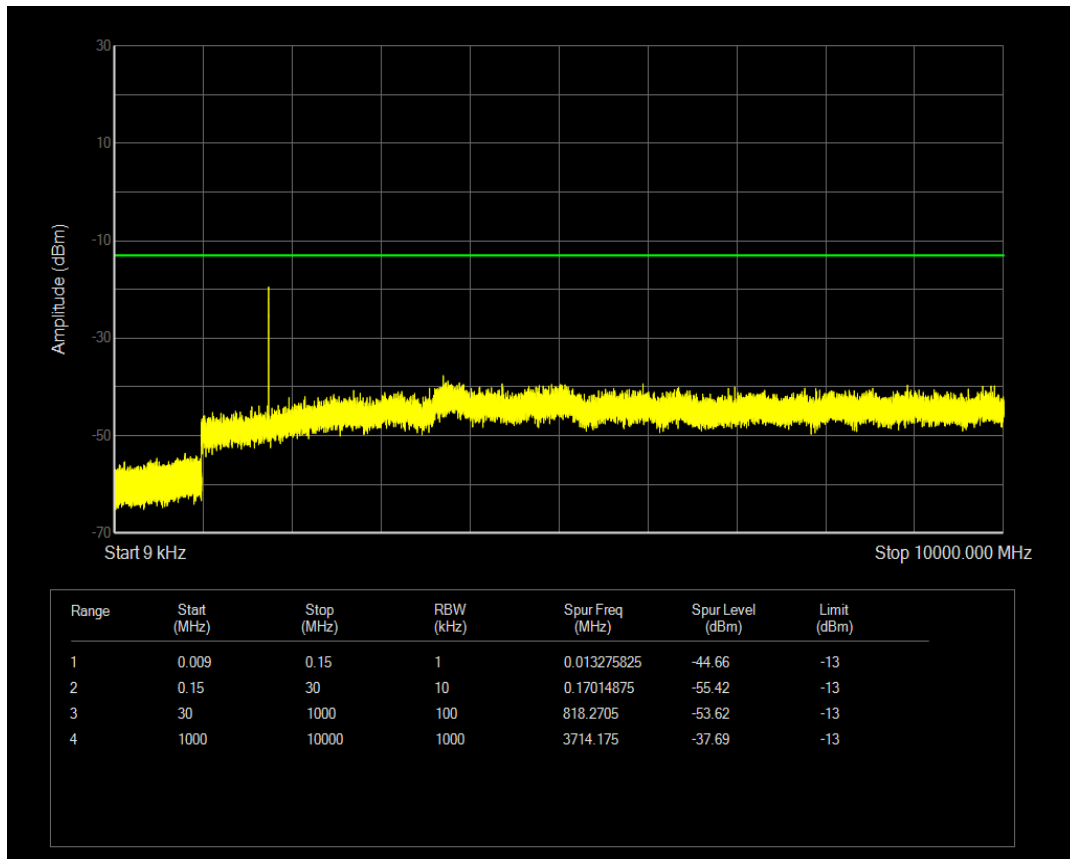
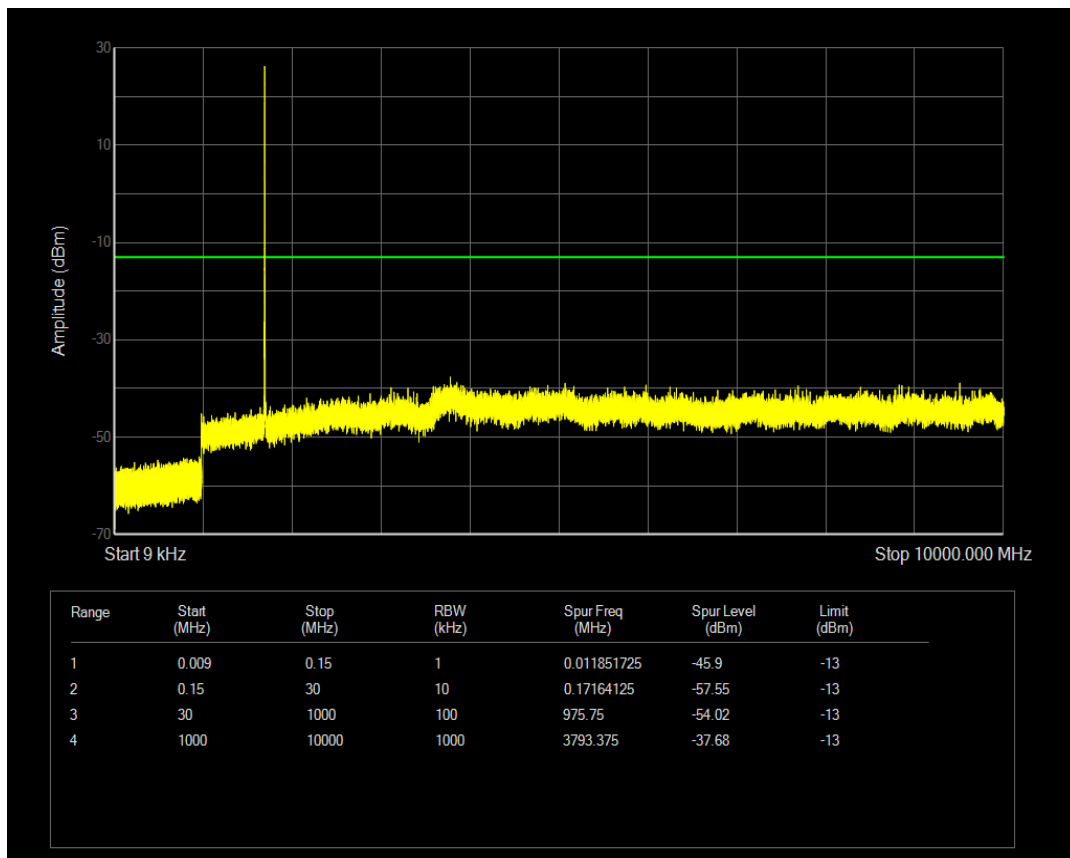
**Band4 QAM64 BW=10MHz Channel=20350 RB Size=50 Position=#0****Band4 QAM64 BW=10MHz Channel=20000 RB Size=50 Position=#0**

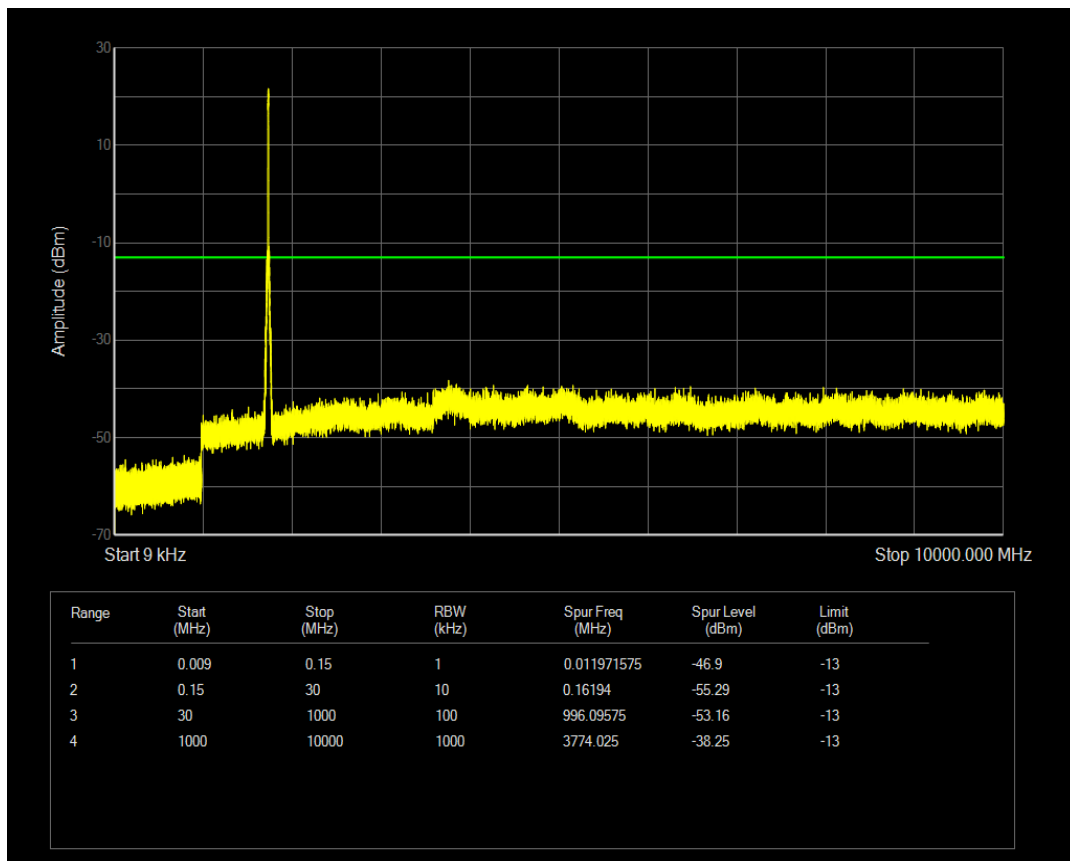
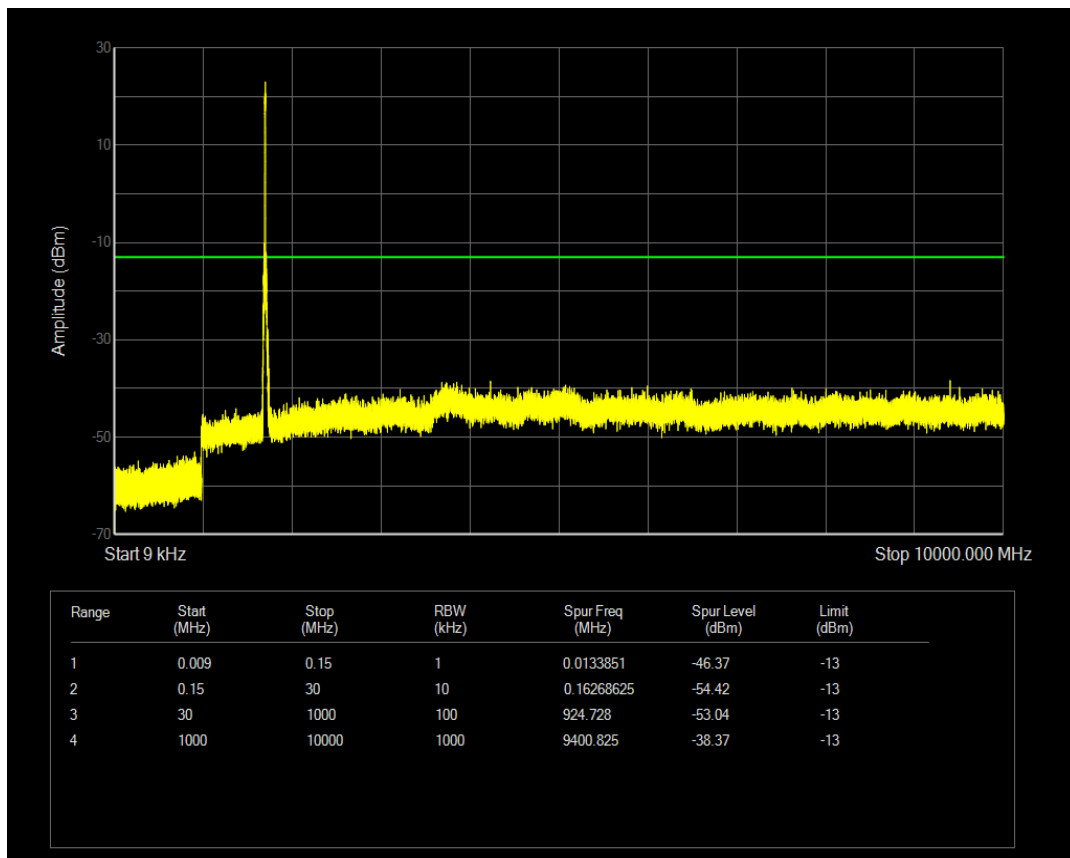
**Band4 QAM64 BW=20MHz Channel=20300 RB Size=100 Position=#0****Band4 QAM64 BW=3MHz Channel=19965 RB Size=15 Position=#0**

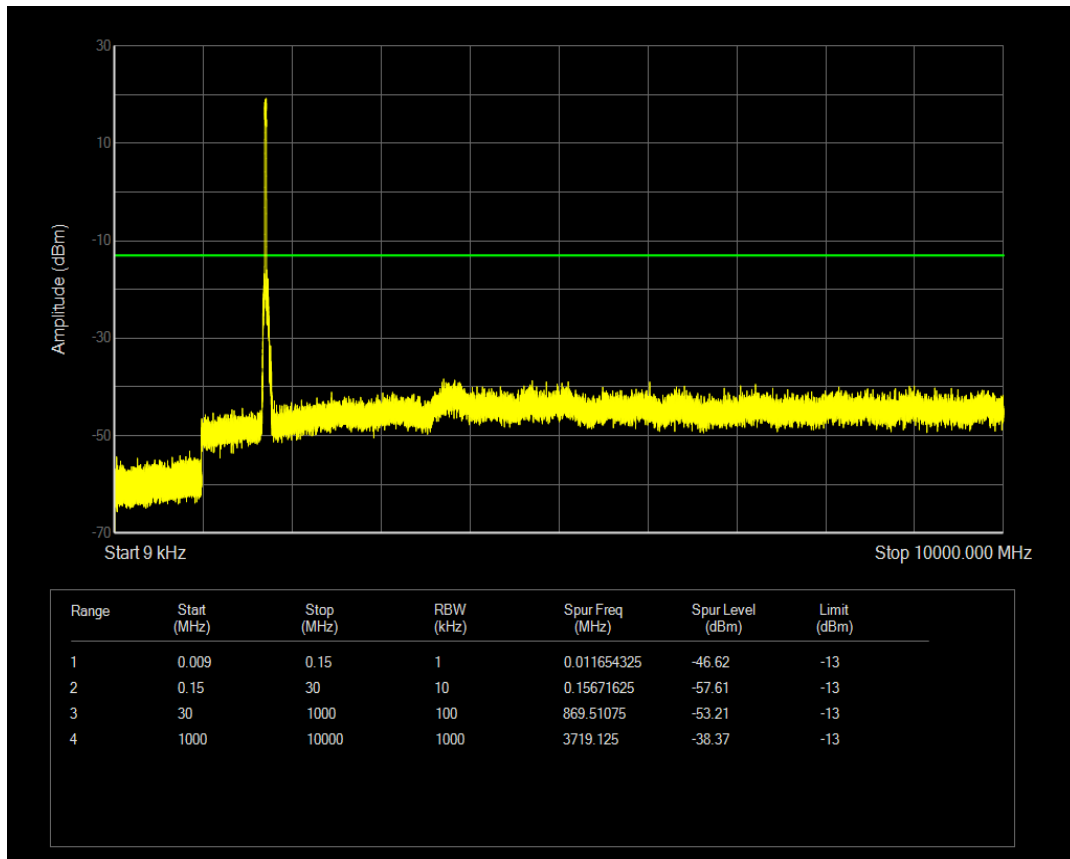
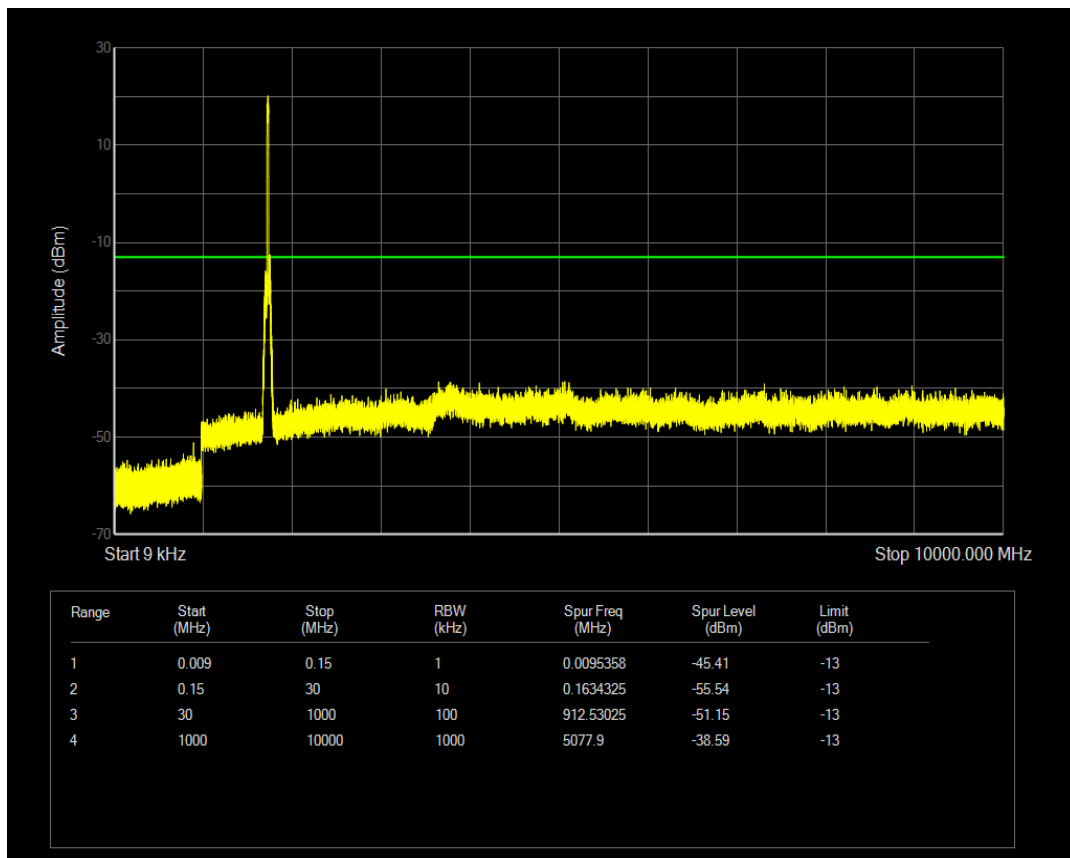
**Band4 QAM64 BW=15MHz Channel=20325 RB Size=75 Position=#0****Band4 QAM64 BW=20MHz Channel=20050 RB Size=100 Position=#0**

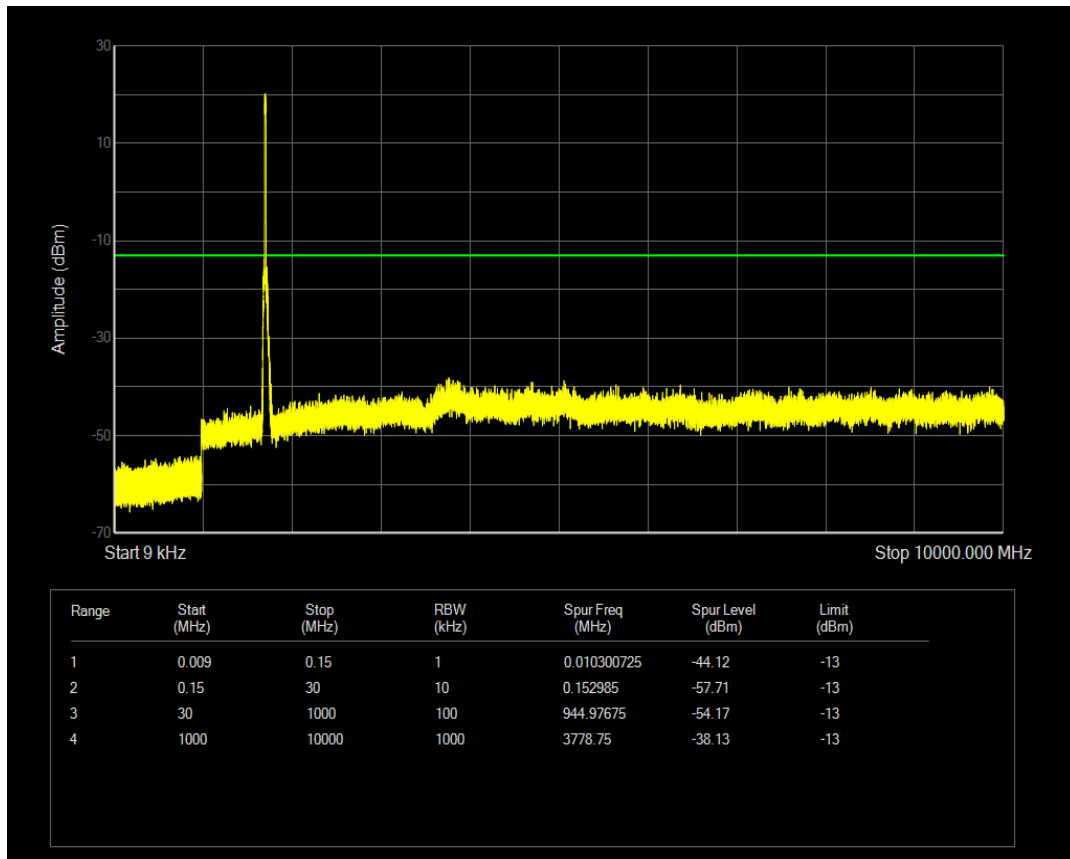
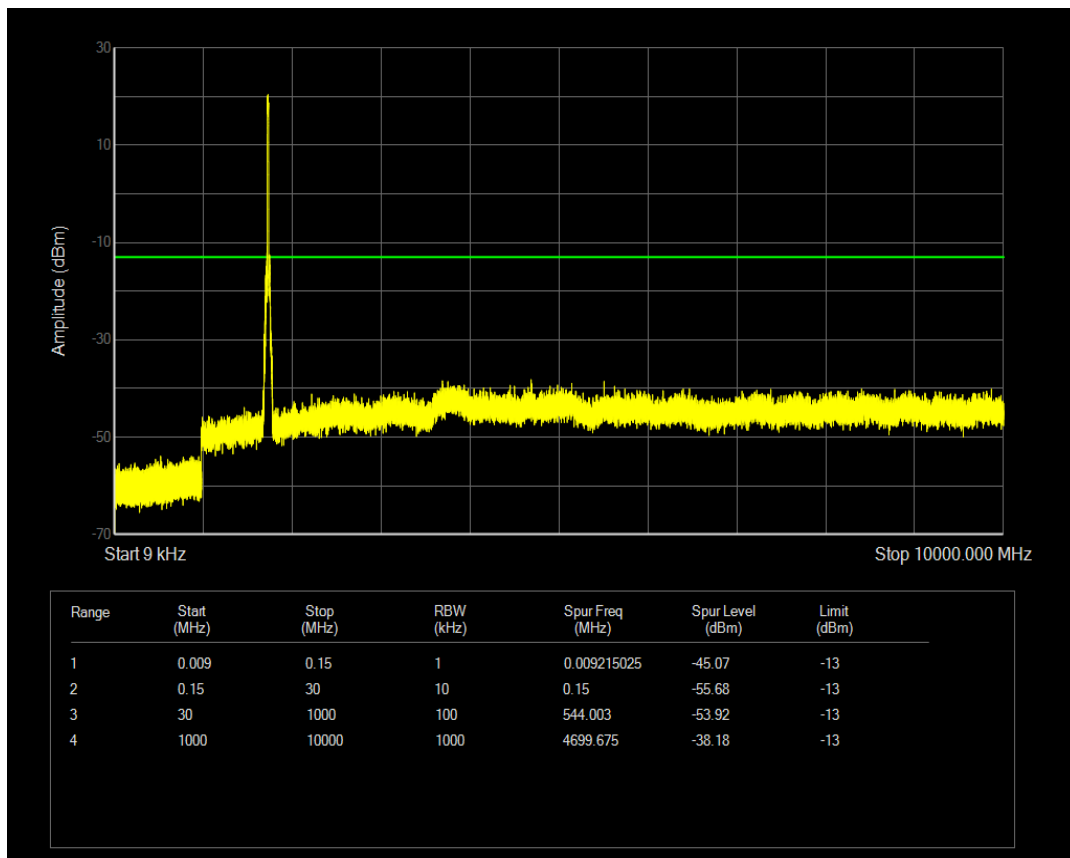
**Band4 QAM64 BW=5MHz Channel=19975 RB Size=25 Position=#0****Band4 QAM64 BW=3MHz Channel=20385 RB Size=15 Position=#0**

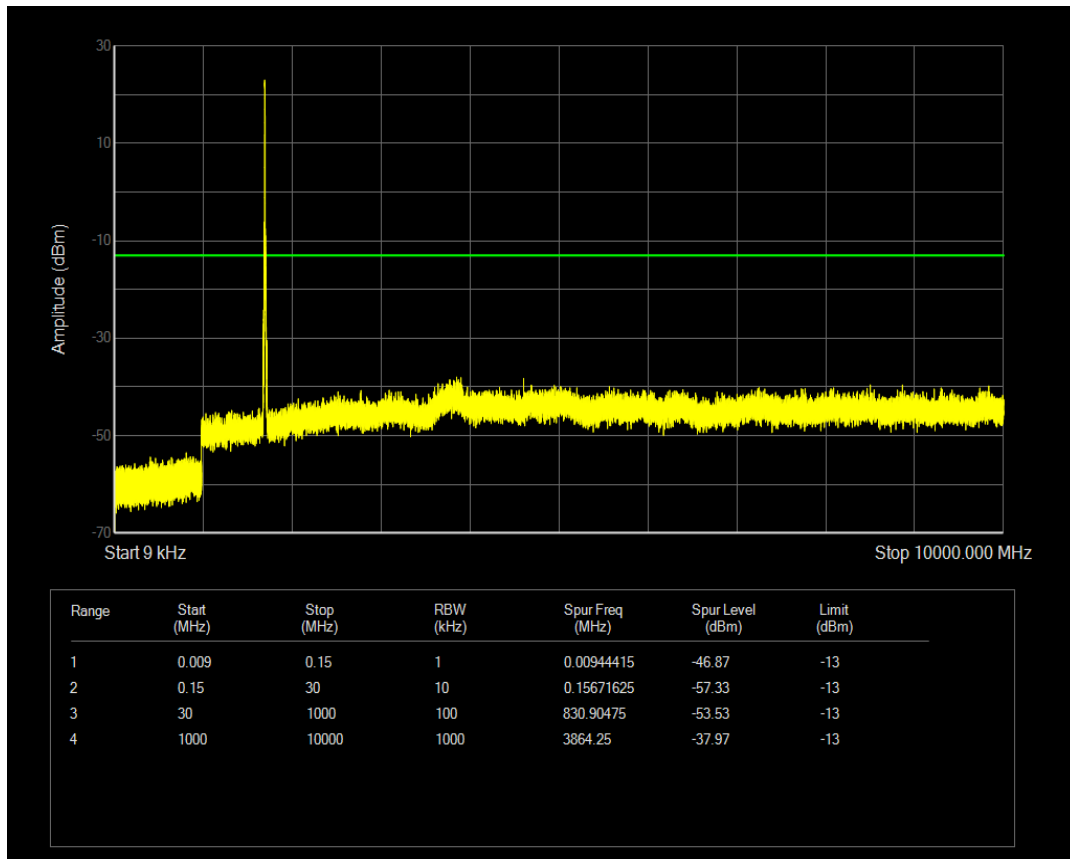
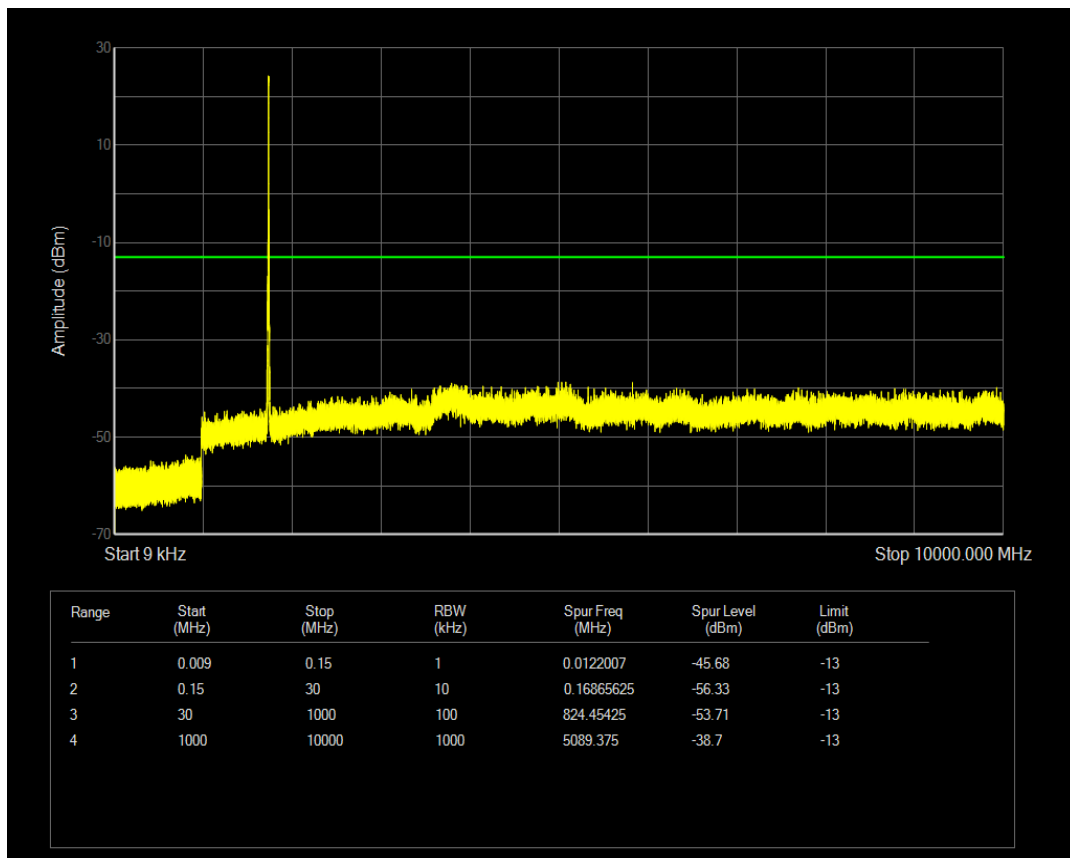
**Band4 QAM64 BW=5MHz Channel=20375 RB Size=25 Position=#0****Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0**

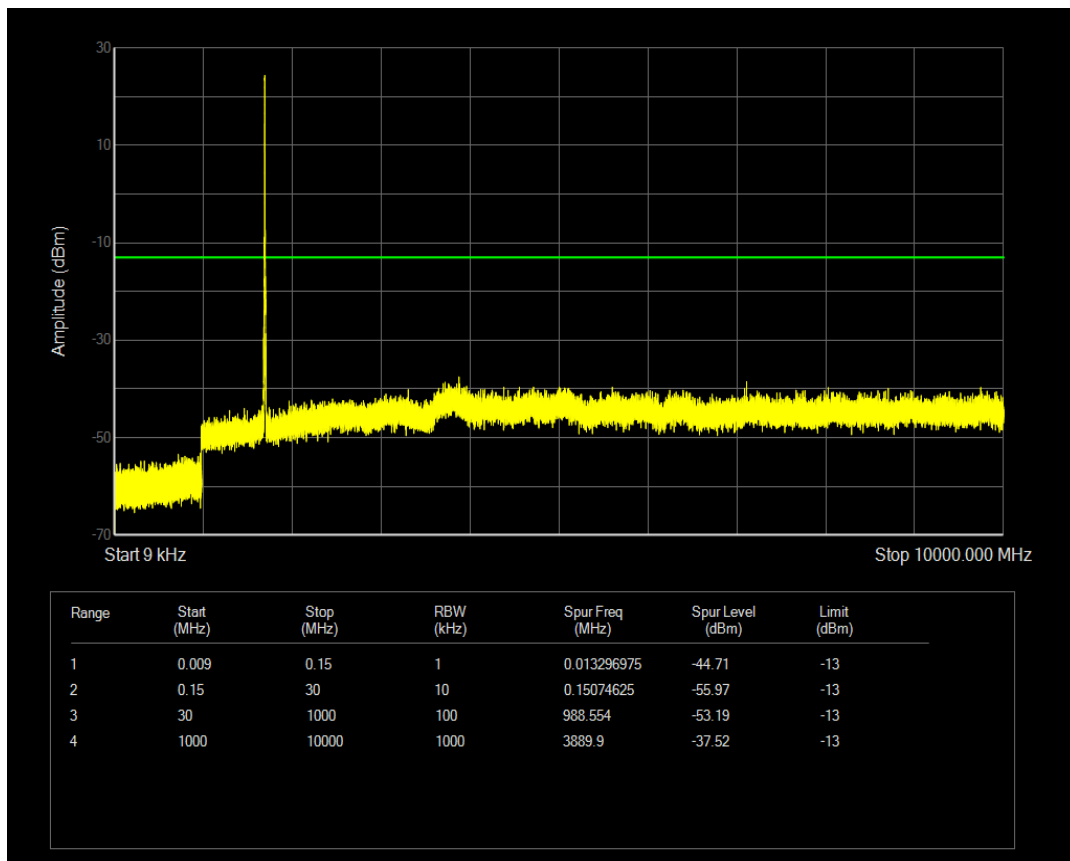
**Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0****Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0**

**Band4 QPSK BW=10MHz Channel=20000 RB Size=50 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=15MHz Channel=20025 RB Size=75 Position=#0**

**Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0****Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0**

**Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0****Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0**



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

