

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

<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Power (dBm)</i>	<i>Antenna Gain (dBi)</i>	<i>EIRP (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band4	1.4	19957	1	#0	QPSK	21.91	-1.62	20.29	30.00	PASS
Band4	1.4	19957	1	#Mid	QPSK	22.15	-1.62	20.53	30.00	PASS
Band4	1.4	19957	1	#Max	QPSK	21.96	-1.62	20.34	30.00	PASS
Band4	1.4	19957	3	#0	QPSK	21.92	-1.62	20.3	30.00	PASS
Band4	1.4	19957	3	#Mid	QPSK	21.88	-1.62	20.26	30.00	PASS
Band4	1.4	19957	3	#Max	QPSK	21.97	-1.62	20.35	30.00	PASS
Band4	1.4	19957	6	#0	QPSK	20.90	-1.62	19.28	30.00	PASS
Band4	1.4	19957	1	#0	QAM16	21.02	-1.62	19.4	30.00	PASS
Band4	1.4	19957	1	#Mid	QAM16	21.11	-1.62	19.49	30.00	PASS
Band4	1.4	19957	1	#Max	QAM16	21.00	-1.62	19.38	30.00	PASS
Band4	1.4	19957	3	#0	QAM16	21.05	-1.62	19.43	30.00	PASS
Band4	1.4	19957	3	#Mid	QAM16	21.08	-1.62	19.46	30.00	PASS
Band4	1.4	19957	3	#Max	QAM16	21.07	-1.62	19.45	30.00	PASS
Band4	1.4	19957	6	#0	QAM16	20.05	-1.62	18.43	30.00	PASS
Band4	1.4	20175	1	#0	QPSK	21.92	-1.62	20.3	30.00	PASS
Band4	1.4	20175	1	#Mid	QPSK	22.09	-1.62	20.47	30.00	PASS
Band4	1.4	20175	1	#Max	QPSK	21.90	-1.62	20.28	30.00	PASS
Band4	1.4	20175	3	#0	QPSK	22.02	-1.62	20.4	30.00	PASS
Band4	1.4	20175	3	#Mid	QPSK	22.07	-1.62	20.45	30.00	PASS
Band4	1.4	20175	3	#Max	QPSK	22.03	-1.62	20.41	30.00	PASS
Band4	1.4	20175	6	#0	QPSK	20.96	-1.62	19.34	30.00	PASS
Band4	1.4	20175	1	#0	QAM16	21.07	-1.62	19.45	30.00	PASS
Band4	1.4	20175	1	#Mid	QAM16	21.15	-1.62	19.53	30.00	PASS
Band4	1.4	20175	1	#Max	QAM16	21.08	-1.62	19.46	30.00	PASS
Band4	1.4	20175	3	#0	QAM16	21.17	-1.62	19.55	30.00	PASS
Band4	1.4	20175	3	#Mid	QAM16	21.19	-1.62	19.57	30.00	PASS
Band4	1.4	20175	3	#Max	QAM16	21.20	-1.62	19.58	30.00	PASS
Band4	1.4	20175	6	#0	QAM16	20.07	-1.62	18.45	30.00	PASS
Band4	1.4	20393	1	#0	QPSK	22.19	-1.62	20.57	30.00	PASS
Band4	1.4	20393	1	#Mid	QPSK	22.42	-1.62	20.8	30.00	PASS
Band4	1.4	20393	1	#Max	QPSK	22.23	-1.62	20.61	30.00	PASS
Band4	1.4	20393	3	#0	QPSK	22.21	-1.62	20.59	30.00	PASS
Band4	1.4	20393	3	#Mid	QPSK	22.28	-1.62	20.66	30.00	PASS
Band4	1.4	20393	3	#Max	QPSK	22.22	-1.62	20.6	30.00	PASS
Band4	1.4	20393	6	#0	QPSK	21.23	-1.62	19.61	30.00	PASS
Band4	1.4	20393	1	#0	QAM16	20.94	-1.62	19.32	30.00	PASS
Band4	1.4	20393	1	#Mid	QAM16	21.13	-1.62	19.51	30.00	PASS
Band4	1.4	20393	1	#Max	QAM16	20.96	-1.62	19.34	30.00	PASS

Band4	1.4	20393	3	#0	QAM16	21.35	-1.62	19.73	30.00	PASS
Band4	1.4	20393	3	#Mid	QAM16	21.31	-1.62	19.69	30.00	PASS
Band4	1.4	20393	3	#Max	QAM16	21.34	-1.62	19.72	30.00	PASS
Band4	1.4	20393	6	#0	QAM16	20.38	-1.62	18.76	30.00	PASS
Band4	3	19965	1	#0	QPSK	21.87	-1.62	20.25	30.00	PASS
Band4	3	19965	1	#Mid	QPSK	22.19	-1.62	20.57	30.00	PASS
Band4	3	19965	1	#Max	QPSK	21.90	-1.62	20.28	30.00	PASS
Band4	3	19965	8	#0	QPSK	20.90	-1.62	19.28	30.00	PASS
Band4	3	19965	8	#Mid	QPSK	20.95	-1.62	19.33	30.00	PASS
Band4	3	19965	8	#Max	QPSK	20.94	-1.62	19.32	30.00	PASS
Band4	3	19965	15	#0	QPSK	20.85	-1.62	19.23	30.00	PASS
Band4	3	19965	1	#0	QAM16	21.27	-1.62	19.65	30.00	PASS
Band4	3	19965	1	#Mid	QAM16	21.53	-1.62	19.91	30.00	PASS
Band4	3	19965	1	#Max	QAM16	21.27	-1.62	19.65	30.00	PASS
Band4	3	19965	8	#0	QAM16	19.95	-1.62	18.33	30.00	PASS
Band4	3	19965	8	#Mid	QAM16	19.96	-1.62	18.34	30.00	PASS
Band4	3	19965	8	#Max	QAM16	19.93	-1.62	18.31	30.00	PASS
Band4	3	19965	15	#0	QAM16	19.97	-1.62	18.35	30.00	PASS
Band4	3	20175	1	#0	QPSK	21.99	-1.62	20.37	30.00	PASS
Band4	3	20175	1	#Mid	QPSK	22.20	-1.62	20.58	30.00	PASS
Band4	3	20175	1	#Max	QPSK	21.98	-1.62	20.36	30.00	PASS
Band4	3	20175	8	#0	QPSK	21.00	-1.62	19.38	30.00	PASS
Band4	3	20175	8	#Mid	QPSK	21.00	-1.62	19.38	30.00	PASS
Band4	3	20175	8	#Max	QPSK	20.99	-1.62	19.37	30.00	PASS
Band4	3	20175	15	#0	QPSK	20.96	-1.62	19.34	30.00	PASS
Band4	3	20175	1	#0	QAM16	21.11	-1.62	19.49	30.00	PASS
Band4	3	20175	1	#Mid	QAM16	21.40	-1.62	19.78	30.00	PASS
Band4	3	20175	1	#Max	QAM16	21.05	-1.62	19.43	30.00	PASS
Band4	3	20175	8	#0	QAM16	19.98	-1.62	18.36	30.00	PASS
Band4	3	20175	8	#Mid	QAM16	20.04	-1.62	18.42	30.00	PASS
Band4	3	20175	8	#Max	QAM16	19.94	-1.62	18.32	30.00	PASS
Band4	3	20175	15	#0	QAM16	19.91	-1.62	18.29	30.00	PASS
Band4	3	20385	1	#0	QPSK	22.21	-1.62	20.59	30.00	PASS
Band4	3	20385	1	#Mid	QPSK	22.60	-1.62	20.98	30.00	PASS
Band4	3	20385	1	#Max	QPSK	22.29	-1.62	20.67	30.00	PASS
Band4	3	20385	8	#0	QPSK	21.17	-1.62	19.55	30.00	PASS
Band4	3	20385	8	#Mid	QPSK	21.24	-1.62	19.62	30.00	PASS
Band4	3	20385	8	#Max	QPSK	21.18	-1.62	19.56	30.00	PASS
Band4	3	20385	15	#0	QPSK	21.13	-1.62	19.51	30.00	PASS
Band4	3	20385	1	#0	QAM16	21.02	-1.62	19.4	30.00	PASS
Band4	3	20385	1	#Mid	QAM16	21.36	-1.62	19.74	30.00	PASS
Band4	3	20385	1	#Max	QAM16	20.99	-1.62	19.37	30.00	PASS
Band4	3	20385	8	#0	QAM16	20.17	-1.62	18.55	30.00	PASS
Band4	3	20385	8	#Mid	QAM16	20.23	-1.62	18.61	30.00	PASS

Band4	3	20385	8	#Max	QAM16	20.17	-1.62	18.55	30.00	PASS
Band4	3	20385	15	#0	QAM16	20.19	-1.62	18.57	30.00	PASS
Band4	5	19975	1	#0	QPSK	21.80	-1.62	20.18	30.00	PASS
Band4	5	19975	1	#Mid	QPSK	22.14	-1.62	20.52	30.00	PASS
Band4	5	19975	1	#Max	QPSK	21.87	-1.62	20.25	30.00	PASS
Band4	5	19975	12	#0	QPSK	20.90	-1.62	19.28	30.00	PASS
Band4	5	19975	12	#Mid	QPSK	20.97	-1.62	19.35	30.00	PASS
Band4	5	19975	12	#Max	QPSK	20.93	-1.62	19.31	30.00	PASS
Band4	5	19975	25	#0	QPSK	20.92	-1.62	19.3	30.00	PASS
Band4	5	19975	1	#0	QAM16	21.26	-1.62	19.64	30.00	PASS
Band4	5	19975	1	#Mid	QAM16	21.76	-1.62	20.14	30.00	PASS
Band4	5	19975	1	#Max	QAM16	21.32	-1.62	19.7	30.00	PASS
Band4	5	19975	12	#0	QAM16	19.91	-1.62	18.29	30.00	PASS
Band4	5	19975	12	#Mid	QAM16	19.97	-1.62	18.35	30.00	PASS
Band4	5	19975	12	#Max	QAM16	19.94	-1.62	18.32	30.00	PASS
Band4	5	19975	25	#0	QAM16	19.87	-1.62	18.25	30.00	PASS
Band4	5	20175	1	#0	QPSK	21.97	-1.62	20.35	30.00	PASS
Band4	5	20175	1	#Mid	QPSK	22.28	-1.62	20.66	30.00	PASS
Band4	5	20175	1	#Max	QPSK	21.89	-1.62	20.27	30.00	PASS
Band4	5	20175	12	#0	QPSK	20.97	-1.62	19.35	30.00	PASS
Band4	5	20175	12	#Mid	QPSK	20.98	-1.62	19.36	30.00	PASS
Band4	5	20175	12	#Max	QPSK	20.95	-1.62	19.33	30.00	PASS
Band4	5	20175	25	#0	QPSK	20.95	-1.62	19.33	30.00	PASS
Band4	5	20175	1	#0	QAM16	21.18	-1.62	19.56	30.00	PASS
Band4	5	20175	1	#Mid	QAM16	21.51	-1.62	19.89	30.00	PASS
Band4	5	20175	1	#Max	QAM16	21.12	-1.62	19.5	30.00	PASS
Band4	5	20175	12	#0	QAM16	19.91	-1.62	18.29	30.00	PASS
Band4	5	20175	12	#Mid	QAM16	19.94	-1.62	18.32	30.00	PASS
Band4	5	20175	12	#Max	QAM16	19.88	-1.62	18.26	30.00	PASS
Band4	5	20175	25	#0	QAM16	19.96	-1.62	18.34	30.00	PASS
Band4	5	20375	1	#0	QPSK	22.01	-1.62	20.39	30.00	PASS
Band4	5	20375	1	#Mid	QPSK	22.38	-1.62	20.76	30.00	PASS
Band4	5	20375	1	#Max	QPSK	22.01	-1.62	20.39	30.00	PASS
Band4	5	20375	12	#0	QPSK	21.13	-1.62	19.51	30.00	PASS
Band4	5	20375	12	#Mid	QPSK	21.22	-1.62	19.6	30.00	PASS
Band4	5	20375	12	#Max	QPSK	21.21	-1.62	19.59	30.00	PASS
Band4	5	20375	25	#0	QPSK	21.19	-1.62	19.57	30.00	PASS
Band4	5	20375	1	#0	QAM16	21.32	-1.62	19.7	30.00	PASS
Band4	5	20375	1	#Mid	QAM16	21.72	-1.62	20.1	30.00	PASS
Band4	5	20375	1	#Max	QAM16	21.33	-1.62	19.71	30.00	PASS
Band4	5	20375	12	#0	QAM16	20.15	-1.62	18.53	30.00	PASS
Band4	5	20375	12	#Mid	QAM16	20.24	-1.62	18.62	30.00	PASS
Band4	5	20375	12	#Max	QAM16	20.21	-1.62	18.59	30.00	PASS
Band4	5	20375	25	#0	QAM16	20.11	-1.62	18.49	30.00	PASS

Band4	10	20000	1	#0	QPSK	21.96	-1.62	20.34	30.00	PASS
Band4	10	20000	1	#Mid	QPSK	22.18	-1.62	20.56	30.00	PASS
Band4	10	20000	1	#Max	QPSK	22.09	-1.62	20.47	30.00	PASS
Band4	10	20000	25	#0	QPSK	20.99	-1.62	19.37	30.00	PASS
Band4	10	20000	25	#Mid	QPSK	20.99	-1.62	19.37	30.00	PASS
Band4	10	20000	25	#Max	QPSK	21.10	-1.62	19.48	30.00	PASS
Band4	10	20000	50	#0	QPSK	21.04	-1.62	19.42	30.00	PASS
Band4	10	20000	1	#0	QAM16	21.27	-1.62	19.65	30.00	PASS
Band4	10	20000	1	#Mid	QAM16	21.40	-1.62	19.78	30.00	PASS
Band4	10	20000	1	#Max	QAM16	21.32	-1.62	19.7	30.00	PASS
Band4	10	20000	25	#0	QAM16	20.01	-1.62	18.39	30.00	PASS
Band4	10	20000	25	#Mid	QAM16	20.03	-1.62	18.41	30.00	PASS
Band4	10	20000	25	#Max	QAM16	20.13	-1.62	18.51	30.00	PASS
Band4	10	20000	50	#0	QAM16	20.02	-1.62	18.4	30.00	PASS
Band4	10	20175	1	#0	QPSK	22.06	-1.62	20.44	30.00	PASS
Band4	10	20175	1	#Mid	QPSK	22.05	-1.62	20.43	30.00	PASS
Band4	10	20175	1	#Max	QPSK	21.91	-1.62	20.29	30.00	PASS
Band4	10	20175	25	#0	QPSK	21.03	-1.62	19.41	30.00	PASS
Band4	10	20175	25	#Mid	QPSK	21.00	-1.62	19.38	30.00	PASS
Band4	10	20175	25	#Max	QPSK	21.02	-1.62	19.4	30.00	PASS
Band4	10	20175	50	#0	QPSK	21.01	-1.62	19.39	30.00	PASS
Band4	10	20175	1	#0	QAM16	21.15	-1.62	19.53	30.00	PASS
Band4	10	20175	1	#Mid	QAM16	21.17	-1.62	19.55	30.00	PASS
Band4	10	20175	1	#Max	QAM16	21.04	-1.62	19.42	30.00	PASS
Band4	10	20175	25	#0	QAM16	20.03	-1.62	18.41	30.00	PASS
Band4	10	20175	25	#Mid	QAM16	20.00	-1.62	18.38	30.00	PASS
Band4	10	20175	25	#Max	QAM16	19.98	-1.62	18.36	30.00	PASS
Band4	10	20175	50	#0	QAM16	20.07	-1.62	18.45	30.00	PASS
Band4	10	20350	1	#0	QPSK	22.26	-1.62	20.64	30.00	PASS
Band4	10	20350	1	#Mid	QPSK	22.40	-1.62	20.78	30.00	PASS
Band4	10	20350	1	#Max	QPSK	22.33	-1.62	20.71	30.00	PASS
Band4	10	20350	25	#0	QPSK	21.22	-1.62	19.6	30.00	PASS
Band4	10	20350	25	#Mid	QPSK	21.13	-1.62	19.51	30.00	PASS
Band4	10	20350	25	#Max	QPSK	21.19	-1.62	19.57	30.00	PASS
Band4	10	20350	50	#0	QPSK	21.17	-1.62	19.55	30.00	PASS
Band4	10	20350	1	#0	QAM16	20.95	-1.62	19.33	30.00	PASS
Band4	10	20350	1	#Mid	QAM16	21.12	-1.62	19.5	30.00	PASS
Band4	10	20350	1	#Max	QAM16	21.00	-1.62	19.38	30.00	PASS
Band4	10	20350	25	#0	QAM16	20.22	-1.62	18.6	30.00	PASS
Band4	10	20350	25	#Mid	QAM16	20.18	-1.62	18.56	30.00	PASS
Band4	10	20350	25	#Max	QAM16	20.19	-1.62	18.57	30.00	PASS
Band4	10	20350	50	#0	QAM16	20.15	-1.62	18.53	30.00	PASS
Band4	15	20025	1	#0	QPSK	21.85	-1.62	20.23	30.00	PASS
Band4	15	20025	1	#Mid	QPSK	22.20	-1.62	20.58	30.00	PASS

Band4	15	20025	1	#Max	QPSK	21.92	-1.62	20.3	30.00	PASS
Band4	15	20025	36	#0	QPSK	21.07	-1.62	19.45	30.00	PASS
Band4	15	20025	36	#Mid	QPSK	21.16	-1.62	19.54	30.00	PASS
Band4	15	20025	36	#Max	QPSK	21.17	-1.62	19.55	30.00	PASS
Band4	15	20025	75	#0	QPSK	21.15	-1.62	19.53	30.00	PASS
Band4	15	20025	1	#0	QAM16	21.19	-1.62	19.57	30.00	PASS
Band4	15	20025	1	#Mid	QAM16	21.55	-1.62	19.93	30.00	PASS
Band4	15	20025	1	#Max	QAM16	21.22	-1.62	19.6	30.00	PASS
Band4	15	20025	36	#0	QAM16	20.06	-1.62	18.44	30.00	PASS
Band4	15	20025	36	#Mid	QAM16	20.13	-1.62	18.51	30.00	PASS
Band4	15	20025	36	#Max	QAM16	20.11	-1.62	18.49	30.00	PASS
Band4	15	20025	75	#0	QAM16	20.10	-1.62	18.48	30.00	PASS
Band4	15	20175	1	#0	QPSK	21.96	-1.62	20.34	30.00	PASS
Band4	15	20175	1	#Mid	QPSK	22.28	-1.62	20.66	30.00	PASS
Band4	15	20175	1	#Max	QPSK	21.82	-1.62	20.2	30.00	PASS
Band4	15	20175	36	#0	QPSK	21.08	-1.62	19.46	30.00	PASS
Band4	15	20175	36	#Mid	QPSK	21.10	-1.62	19.48	30.00	PASS
Band4	15	20175	36	#Max	QPSK	21.09	-1.62	19.47	30.00	PASS
Band4	15	20175	75	#0	QPSK	21.12	-1.62	19.5	30.00	PASS
Band4	15	20175	1	#0	QAM16	21.12	-1.62	19.5	30.00	PASS
Band4	15	20175	1	#Mid	QAM16	21.39	-1.62	19.77	30.00	PASS
Band4	15	20175	1	#Max	QAM16	20.95	-1.62	19.33	30.00	PASS
Band4	15	20175	36	#0	QAM16	20.10	-1.62	18.48	30.00	PASS
Band4	15	20175	36	#Mid	QAM16	20.09	-1.62	18.47	30.00	PASS
Band4	15	20175	36	#Max	QAM16	20.08	-1.62	18.46	30.00	PASS
Band4	15	20175	75	#0	QAM16	20.01	-1.62	18.39	30.00	PASS
Band4	15	20325	1	#0	QPSK	22.07	-1.62	20.45	30.00	PASS
Band4	15	20325	1	#Mid	QPSK	22.56	-1.62	20.94	30.00	PASS
Band4	15	20325	1	#Max	QPSK	22.21	-1.62	20.59	30.00	PASS
Band4	15	20325	36	#0	QPSK	21.21	-1.62	19.59	30.00	PASS
Band4	15	20325	36	#Mid	QPSK	21.29	-1.62	19.67	30.00	PASS
Band4	15	20325	36	#Max	QPSK	21.24	-1.62	19.62	30.00	PASS
Band4	15	20325	75	#0	QPSK	21.24	-1.62	19.62	30.00	PASS
Band4	15	20325	1	#0	QAM16	21.09	-1.62	19.47	30.00	PASS
Band4	15	20325	1	#Mid	QAM16	21.48	-1.62	19.86	30.00	PASS
Band4	15	20325	1	#Max	QAM16	21.18	-1.62	19.56	30.00	PASS
Band4	15	20325	36	#0	QAM16	20.10	-1.62	18.48	30.00	PASS
Band4	15	20325	36	#Mid	QAM16	20.20	-1.62	18.58	30.00	PASS
Band4	15	20325	36	#Max	QAM16	20.15	-1.62	18.53	30.00	PASS
Band4	15	20325	75	#0	QAM16	20.18	-1.62	18.56	30.00	PASS
Band4	20	20050	1	#0	QPSK	21.68	-1.62	20.06	30.00	PASS
Band4	20	20050	1	#Mid	QPSK	22.20	-1.62	20.58	30.00	PASS
Band4	20	20050	1	#Max	QPSK	21.77	-1.62	20.15	30.00	PASS
Band4	20	20050	50	#0	QPSK	20.94	-1.62	19.32	30.00	PASS

Band4	20	20050	50	#Mid	QPSK	21.07	-1.62	19.45	30.00	PASS
Band4	20	20050	50	#Max	QPSK	21.09	-1.62	19.47	30.00	PASS
Band4	20	20050	100	#0	QPSK	21.03	-1.62	19.41	30.00	PASS
Band4	20	20050	1	#0	QAM16	20.98	-1.62	19.36	30.00	PASS
Band4	20	20050	1	#Mid	QAM16	21.36	-1.62	19.74	30.00	PASS
Band4	20	20050	1	#Max	QAM16	20.99	-1.62	19.37	30.00	PASS
Band4	20	20050	50	#0	QAM16	20.00	-1.62	18.38	30.00	PASS
Band4	20	20050	50	#Mid	QAM16	20.09	-1.62	18.47	30.00	PASS
Band4	20	20050	50	#Max	QAM16	20.12	-1.62	18.5	30.00	PASS
Band4	20	20050	100	#0	QAM16	20.01	-1.62	18.39	30.00	PASS
Band4	20	20175	1	#0	QPSK	21.99	-1.62	20.37	30.00	PASS
Band4	20	20175	1	#Mid	QPSK	22.21	-1.62	20.59	30.00	PASS
Band4	20	20175	1	#Max	QPSK	21.81	-1.62	20.19	30.00	PASS
Band4	20	20175	50	#0	QPSK	20.94	-1.62	19.32	30.00	PASS
Band4	20	20175	50	#Mid	QPSK	21.00	-1.62	19.38	30.00	PASS
Band4	20	20175	50	#Max	QPSK	20.96	-1.62	19.34	30.00	PASS
Band4	20	20175	100	#0	QPSK	20.94	-1.62	19.32	30.00	PASS
Band4	20	20175	1	#0	QAM16	21.01	-1.62	19.39	30.00	PASS
Band4	20	20175	1	#Mid	QAM16	21.24	-1.62	19.62	30.00	PASS
Band4	20	20175	1	#Max	QAM16	20.90	-1.62	19.28	30.00	PASS
Band4	20	20175	50	#0	QAM16	19.92	-1.62	18.3	30.00	PASS
Band4	20	20175	50	#Mid	QAM16	20.01	-1.62	18.39	30.00	PASS
Band4	20	20175	50	#Max	QAM16	19.91	-1.62	18.29	30.00	PASS
Band4	20	20175	100	#0	QAM16	19.95	-1.62	18.33	30.00	PASS
Band4	20	20300	1	#0	QPSK	21.83	-1.62	20.21	30.00	PASS
Band4	20	20300	1	#Mid	QPSK	22.23	-1.62	20.61	30.00	PASS
Band4	20	20300	1	#Max	QPSK	21.91	-1.62	20.29	30.00	PASS
Band4	20	20300	50	#0	QPSK	21.01	-1.62	19.39	30.00	PASS
Band4	20	20300	50	#Mid	QPSK	21.13	-1.62	19.51	30.00	PASS
Band4	20	20300	50	#Max	QPSK	21.11	-1.62	19.49	30.00	PASS
Band4	20	20300	100	#0	QPSK	21.08	-1.62	19.46	30.00	PASS
Band4	20	20300	1	#0	QAM16	20.99	-1.62	19.37	30.00	PASS
Band4	20	20300	1	#Mid	QAM16	21.41	-1.62	19.79	30.00	PASS
Band4	20	20300	1	#Max	QAM16	21.13	-1.62	19.51	30.00	PASS
Band4	20	20300	50	#0	QAM16	20.08	-1.62	18.46	30.00	PASS
Band4	20	20300	50	#Mid	QAM16	20.21	-1.62	18.59	30.00	PASS
Band4	20	20300	50	#Max	QAM16	20.16	-1.62	18.54	30.00	PASS
Band4	20	20300	100	#0	QAM16	20.11	-1.62	18.49	30.00	PASS

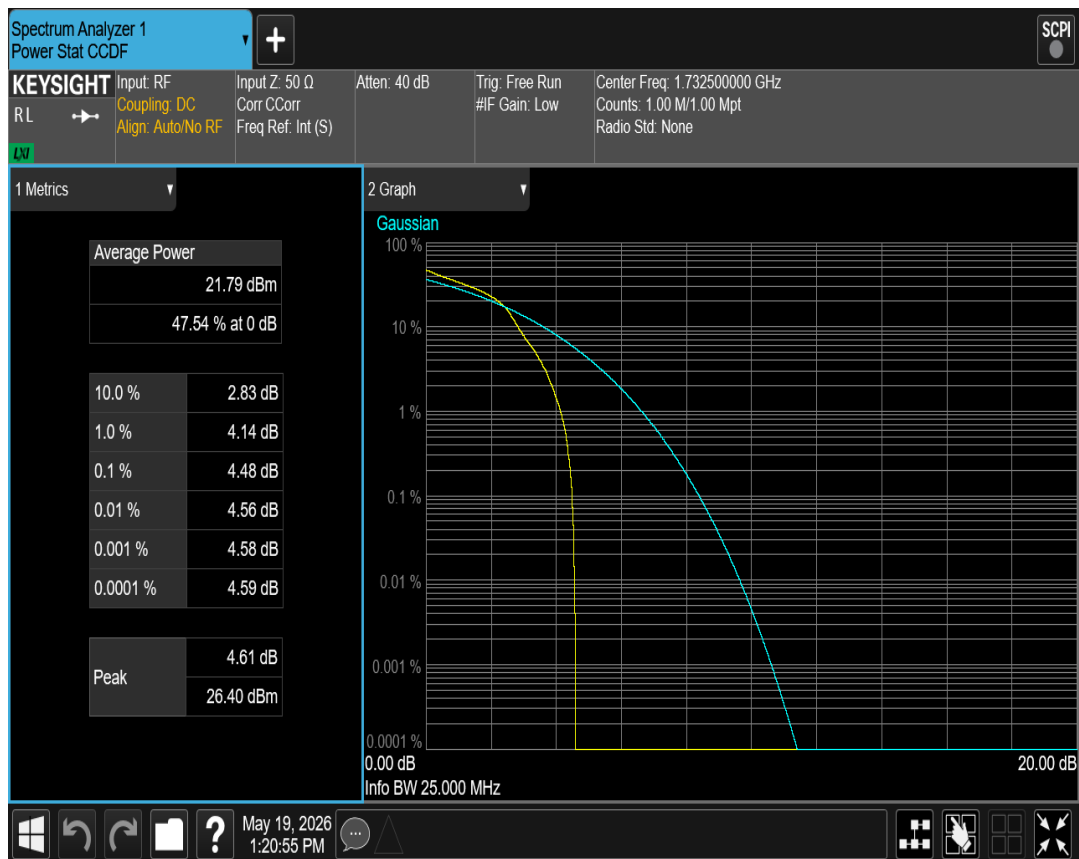
2 Frequency stability

<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	-1.74	-0.00101	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	-7.22	-0.00420	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	-6.02	-0.00347	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	-8.94	-0.00516	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	-8.99	-0.00515	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	-0.97	-0.00056	-2.5	2.5	PASS

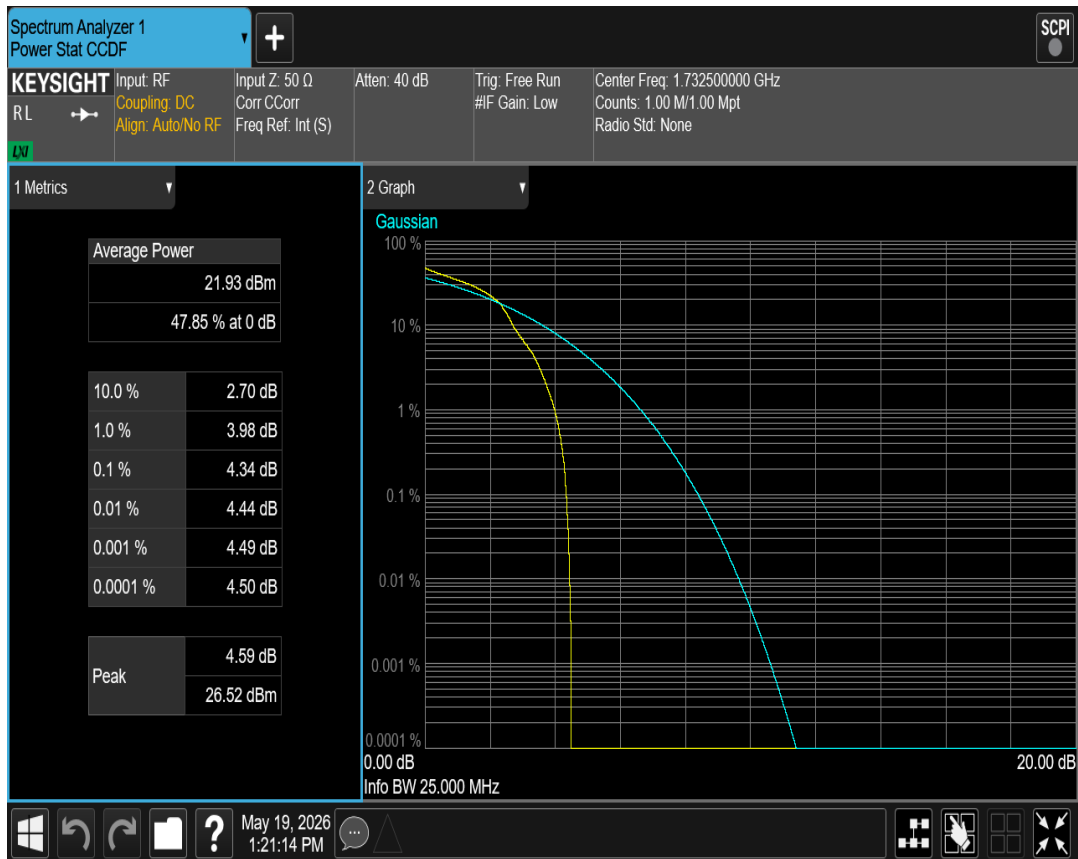
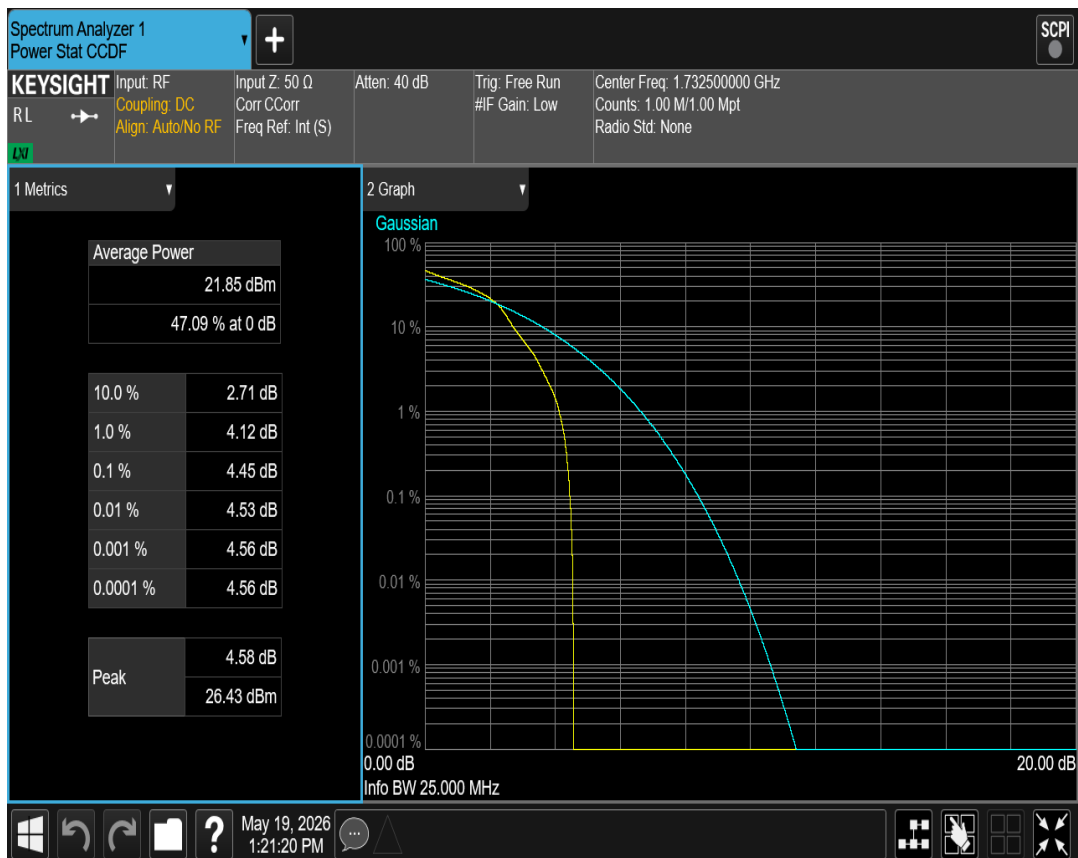
3 Peak-to-Average Ratio

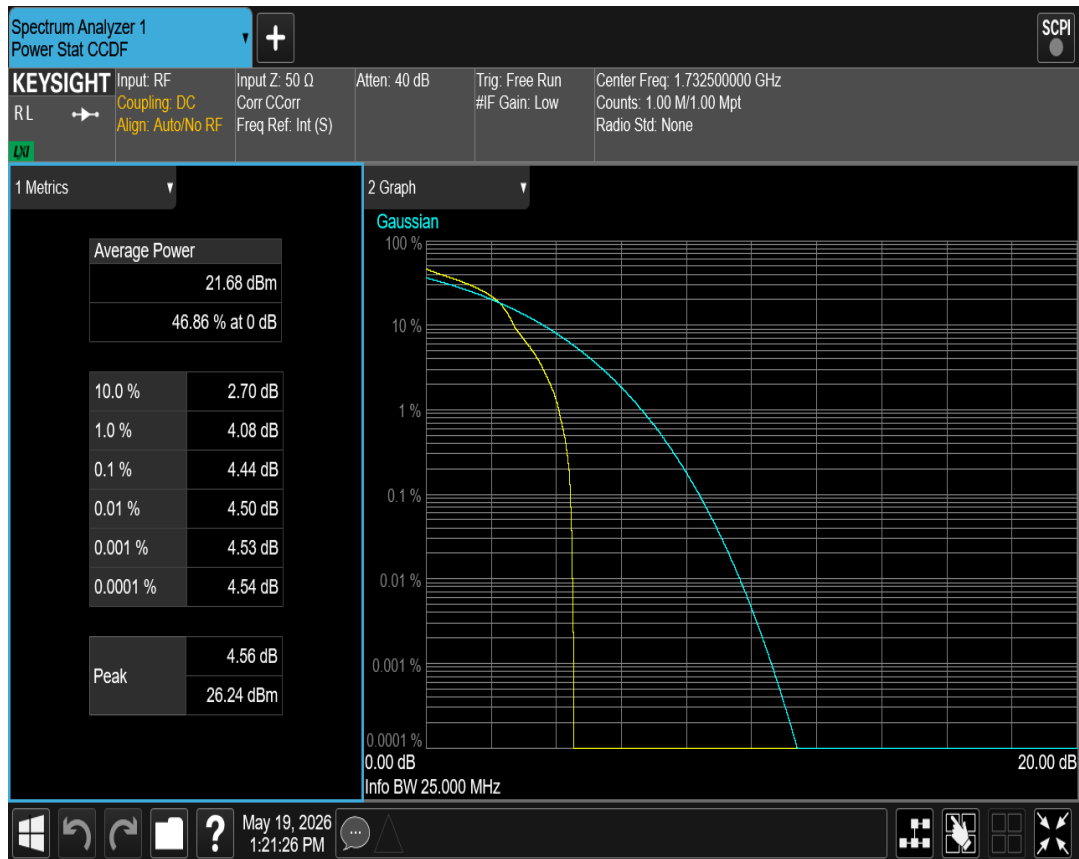
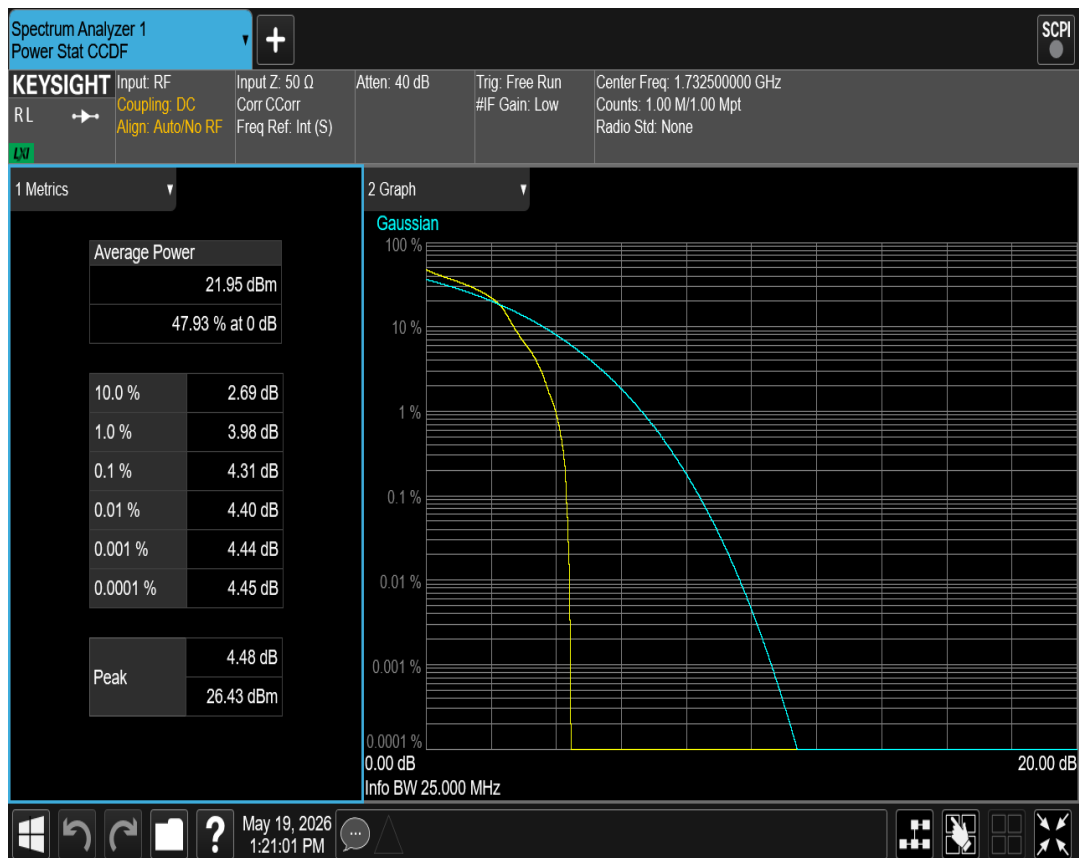
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QPSK	3.52	13	PASS
Band4	1.4	20175	1	#0	QAM16	4.48	13	PASS
Band4	3	20175	1	#0	QPSK	3.40	13	PASS
Band4	3	20175	1	#0	QAM16	4.31	13	PASS
Band4	5	20175	1	#0	QPSK	3.57	13	PASS
Band4	5	20175	1	#0	QAM16	4.42	13	PASS
Band4	10	20175	1	#0	QPSK	3.38	13	PASS
Band4	10	20175	1	#0	QAM16	4.34	13	PASS
Band4	15	20175	1	#0	QPSK	3.55	13	PASS
Band4	15	20175	1	#0	QAM16	4.45	13	PASS
Band4	20	20175	1	#0	QPSK	3.66	13	PASS
Band4	20	20175	1	#0	QAM16	4.44	13	PASS

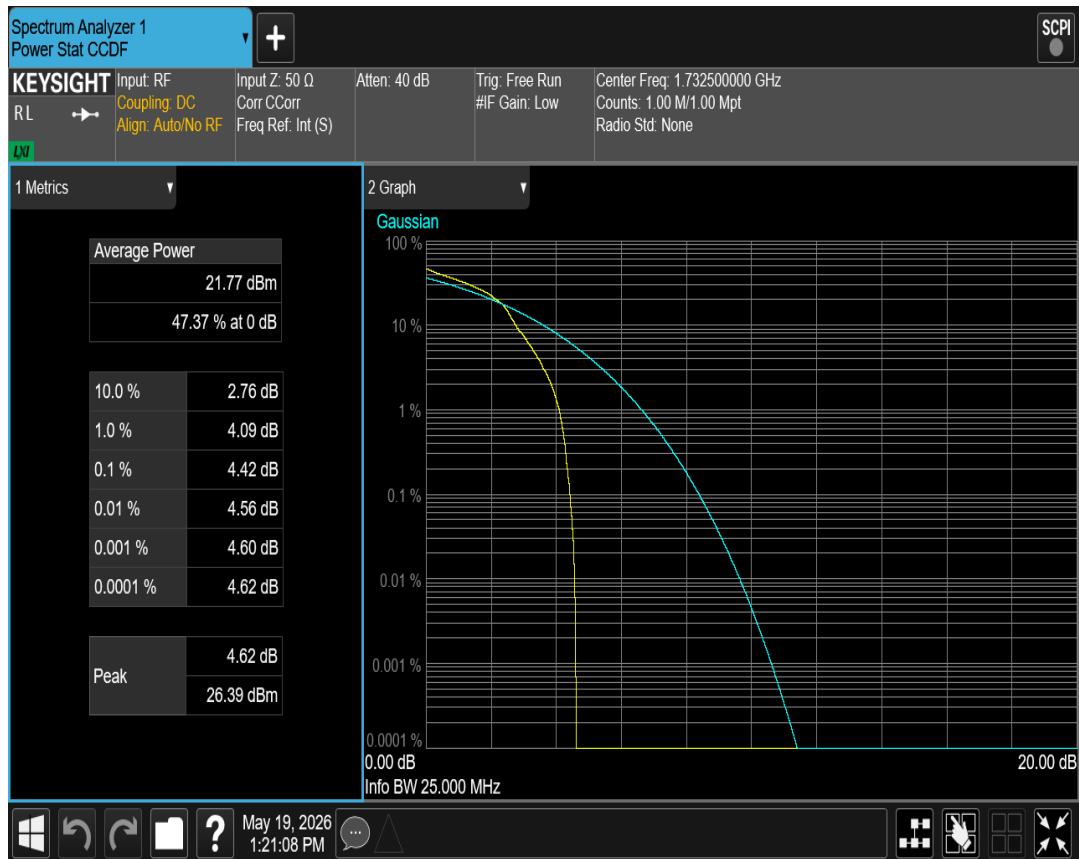
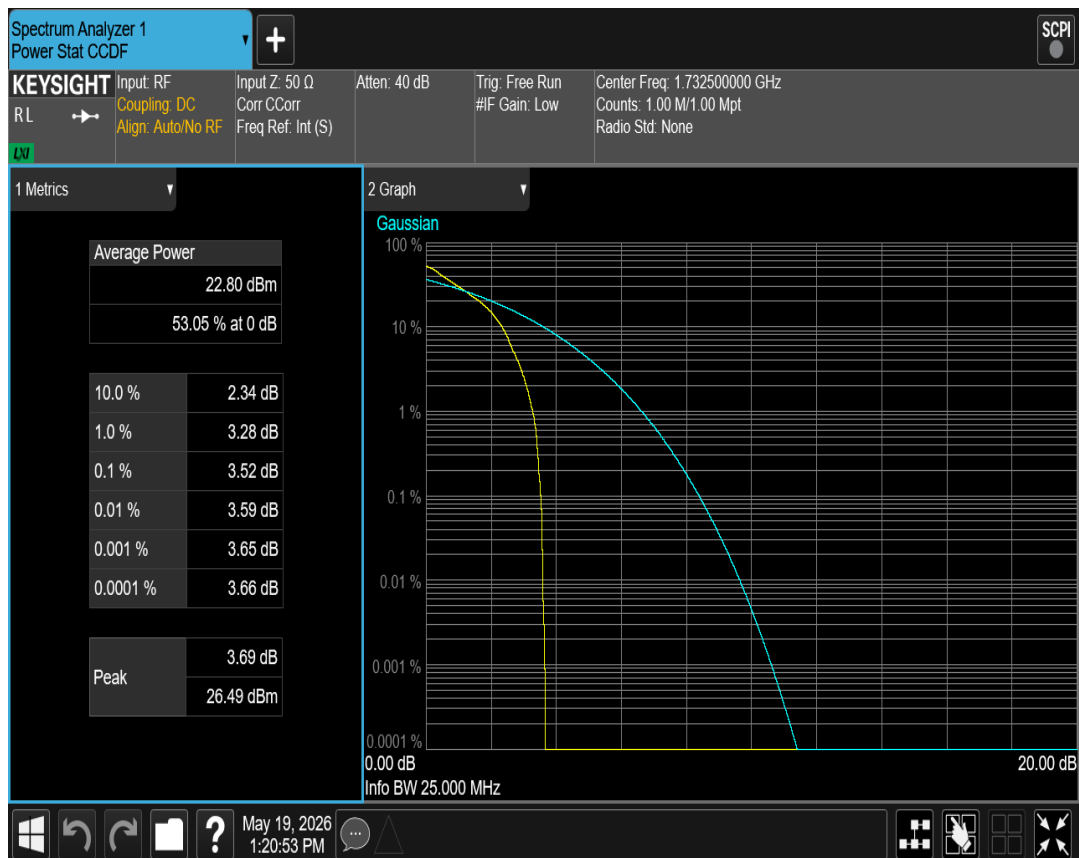
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0

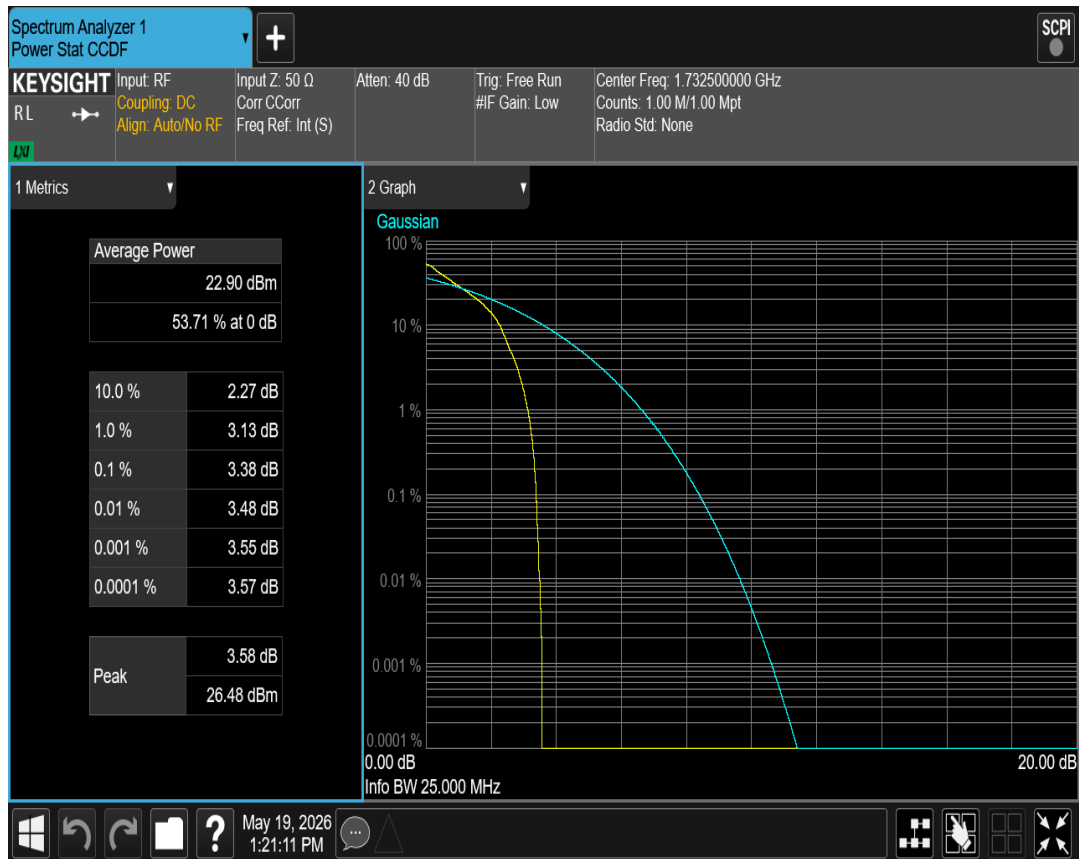
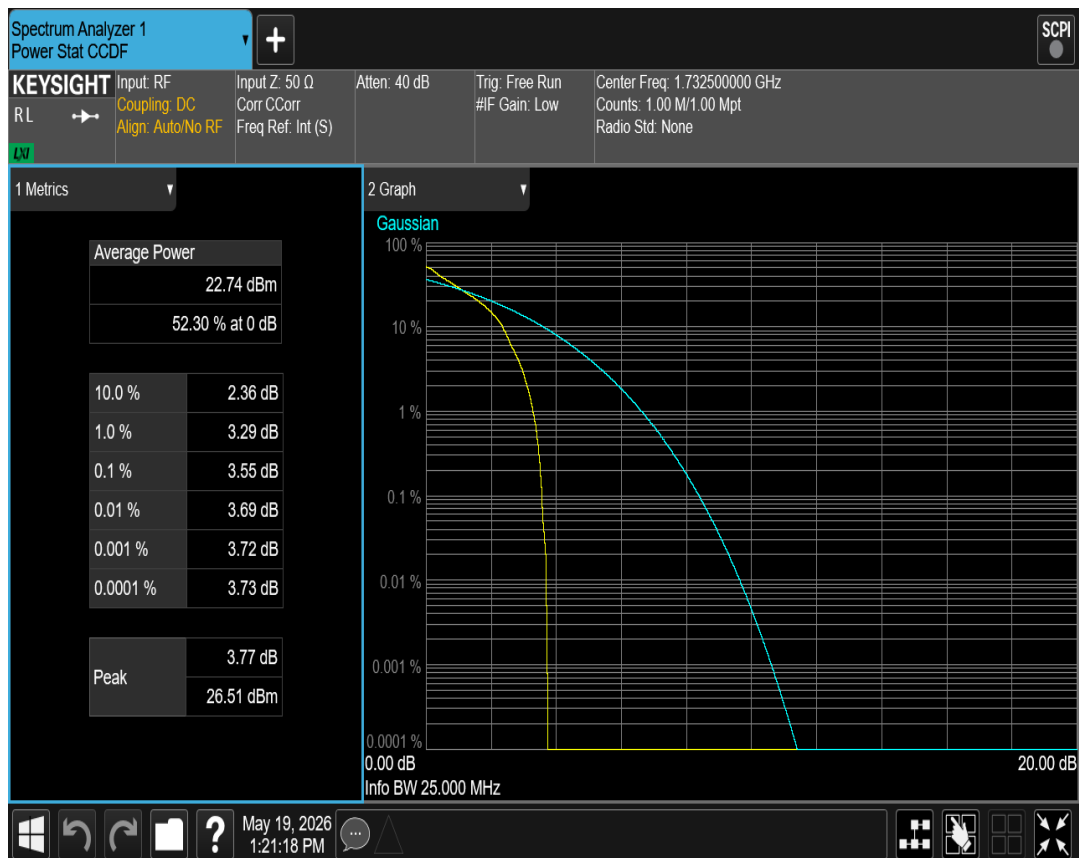


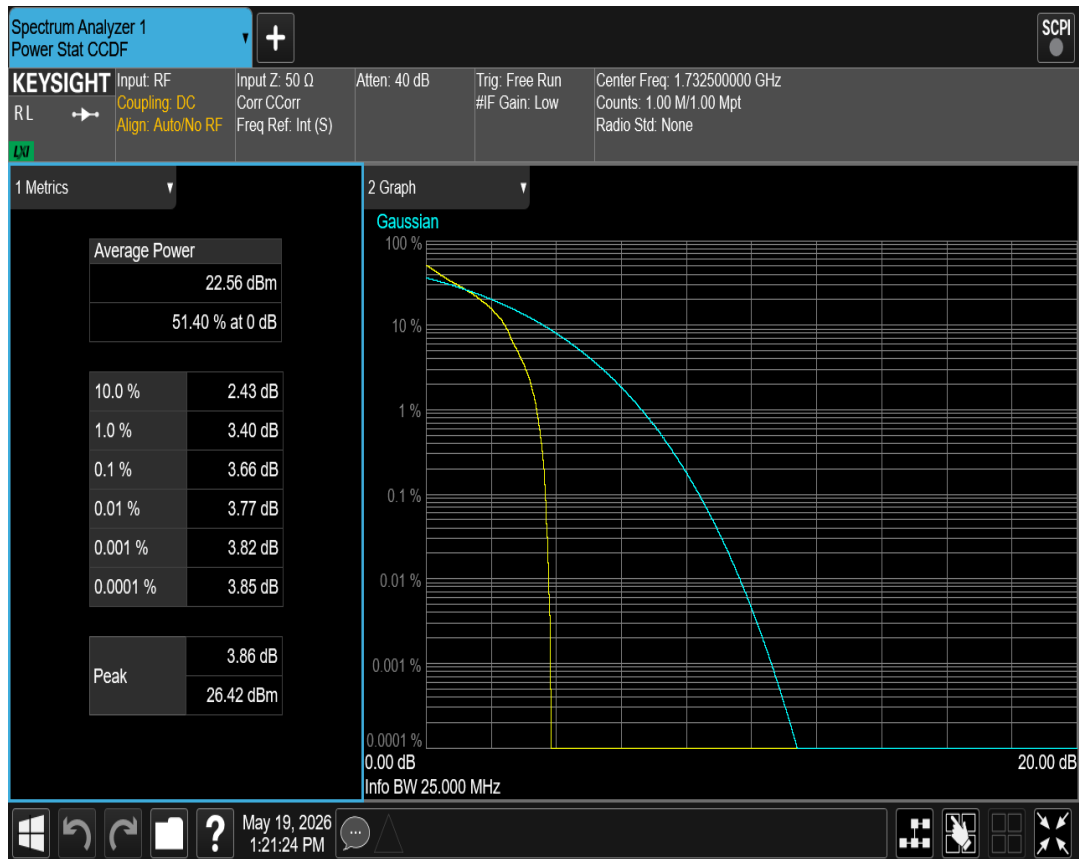
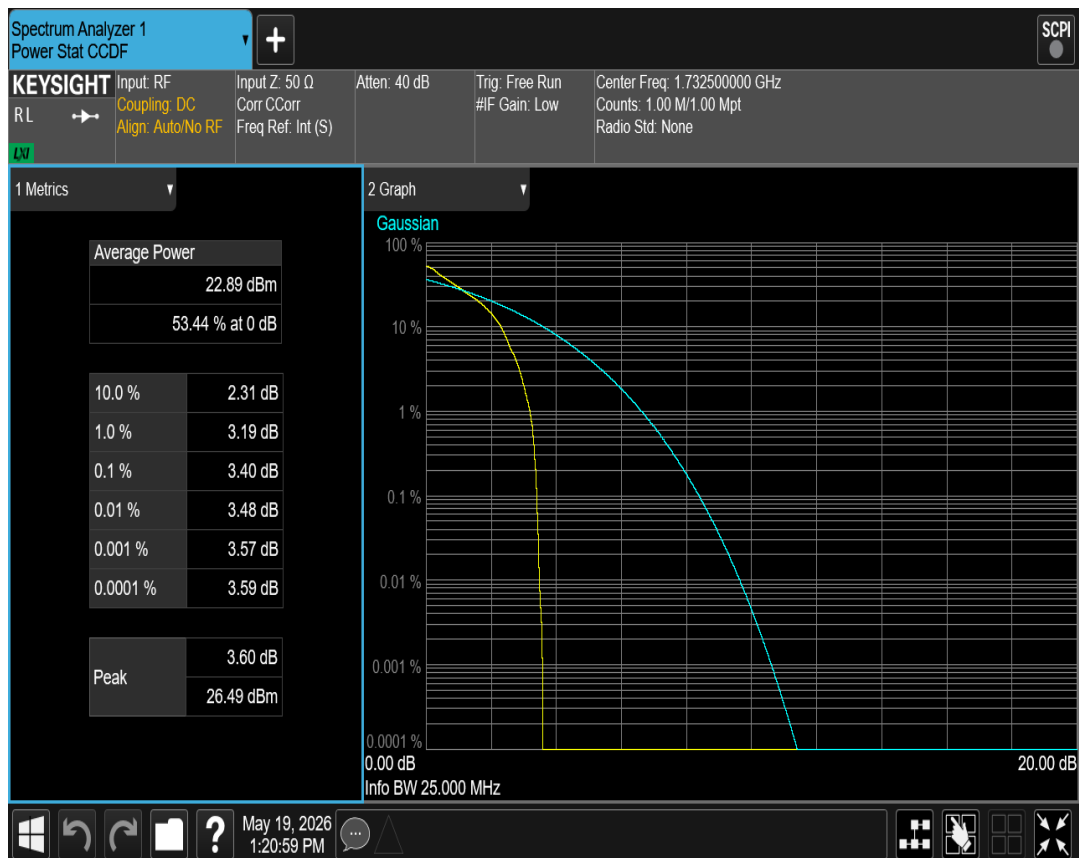
Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0

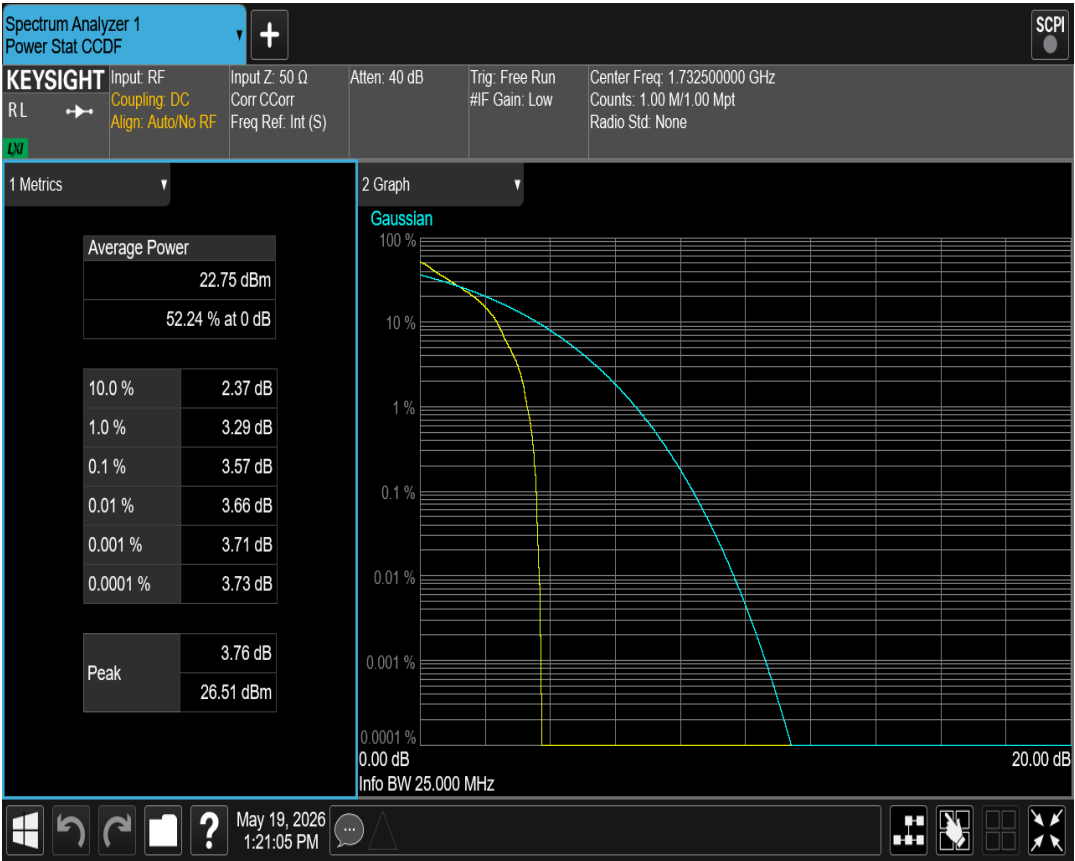
**Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0****Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0**

**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**

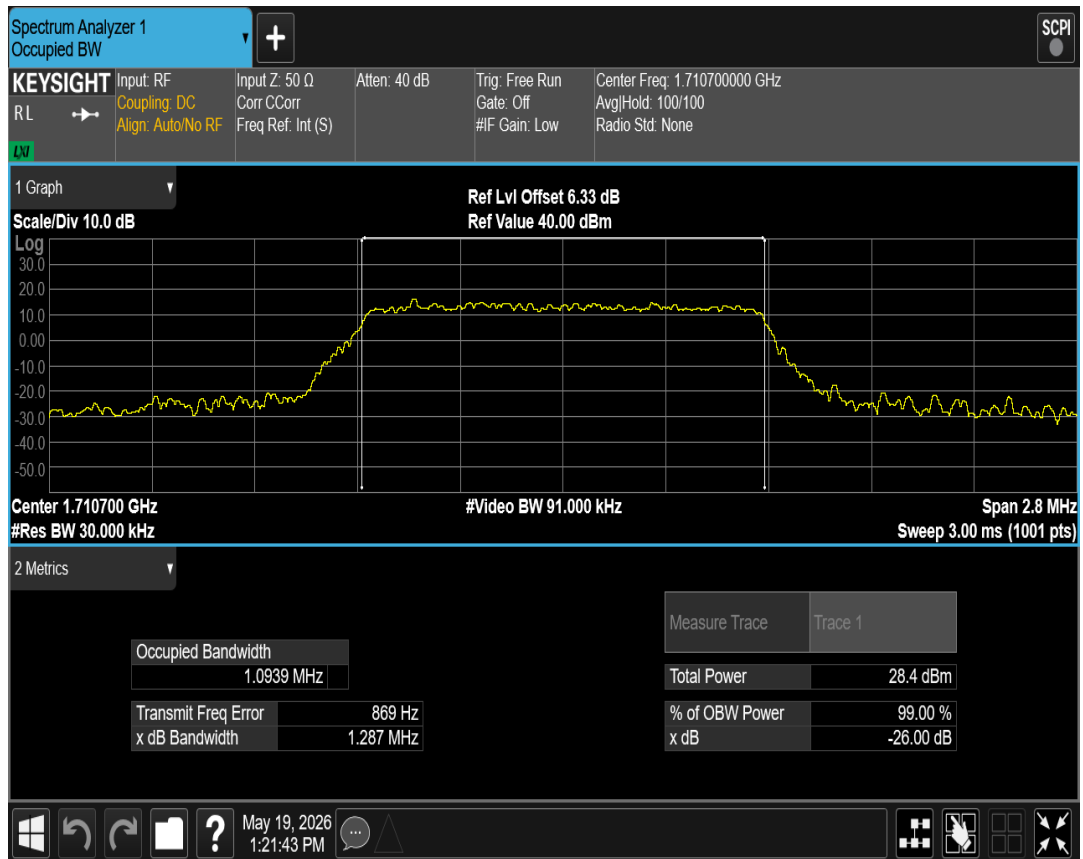
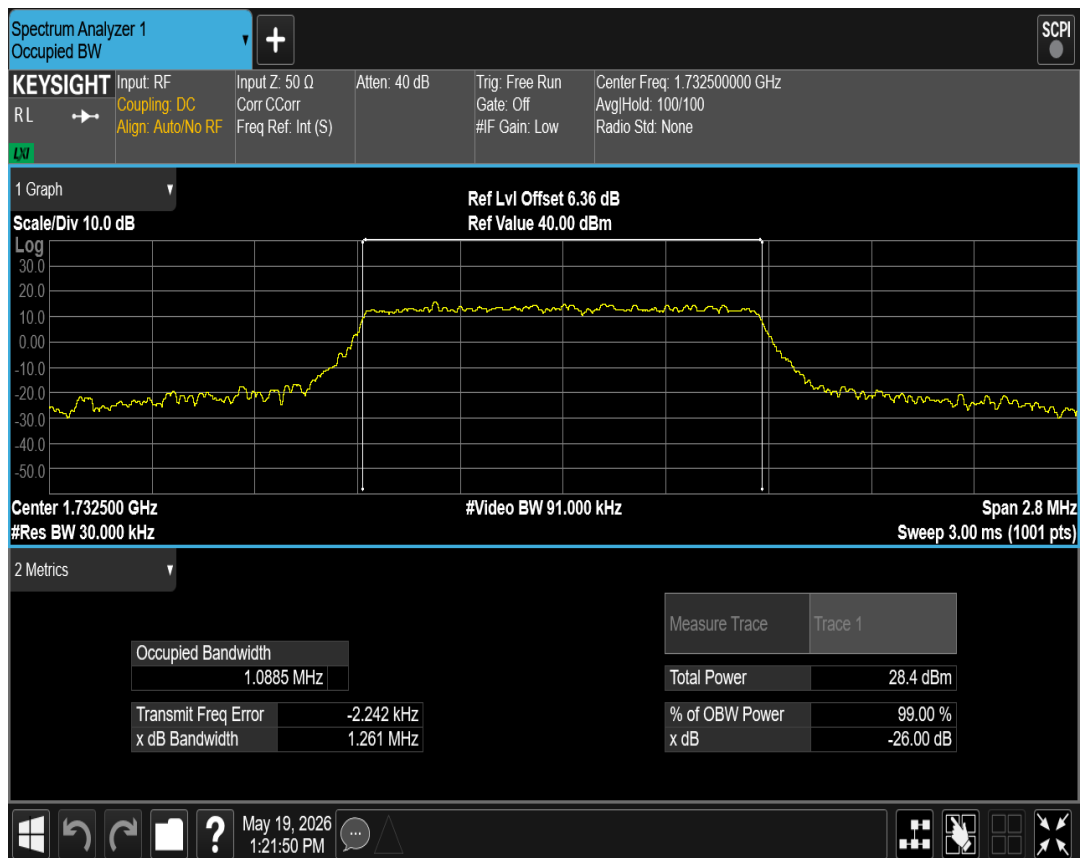
**Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0****Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0**

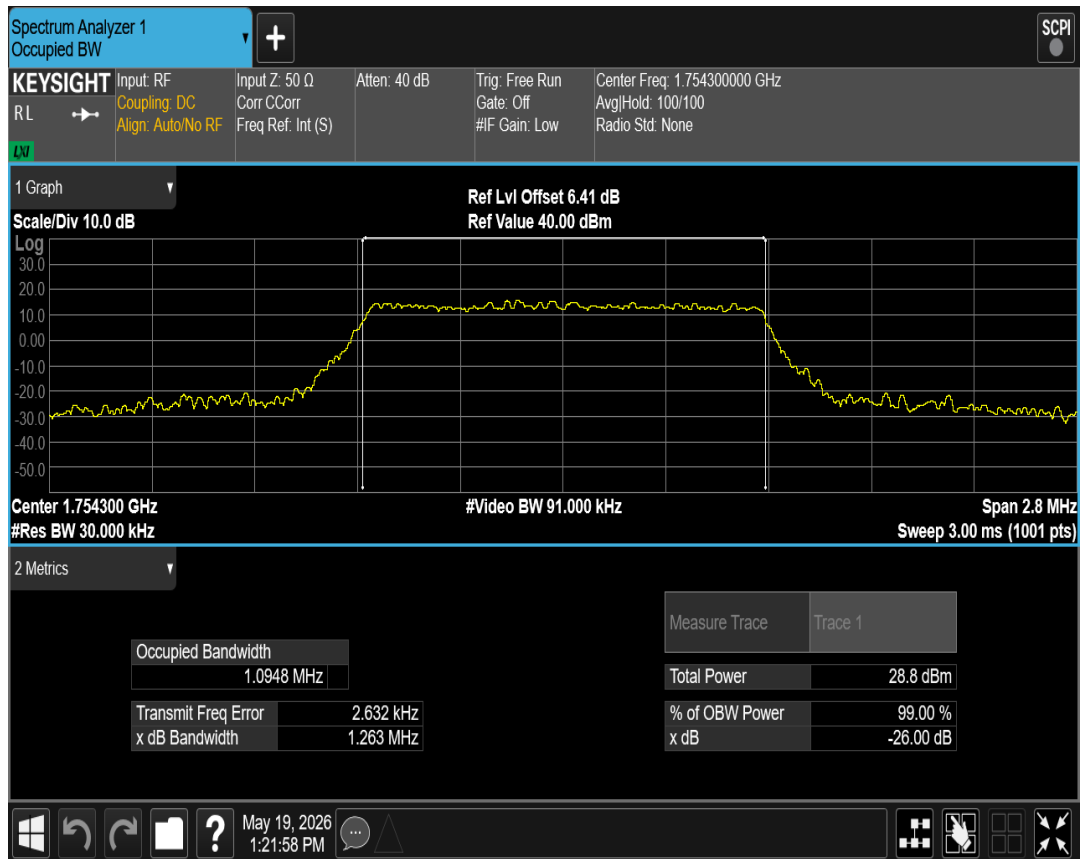


4 Occupied bandwidth

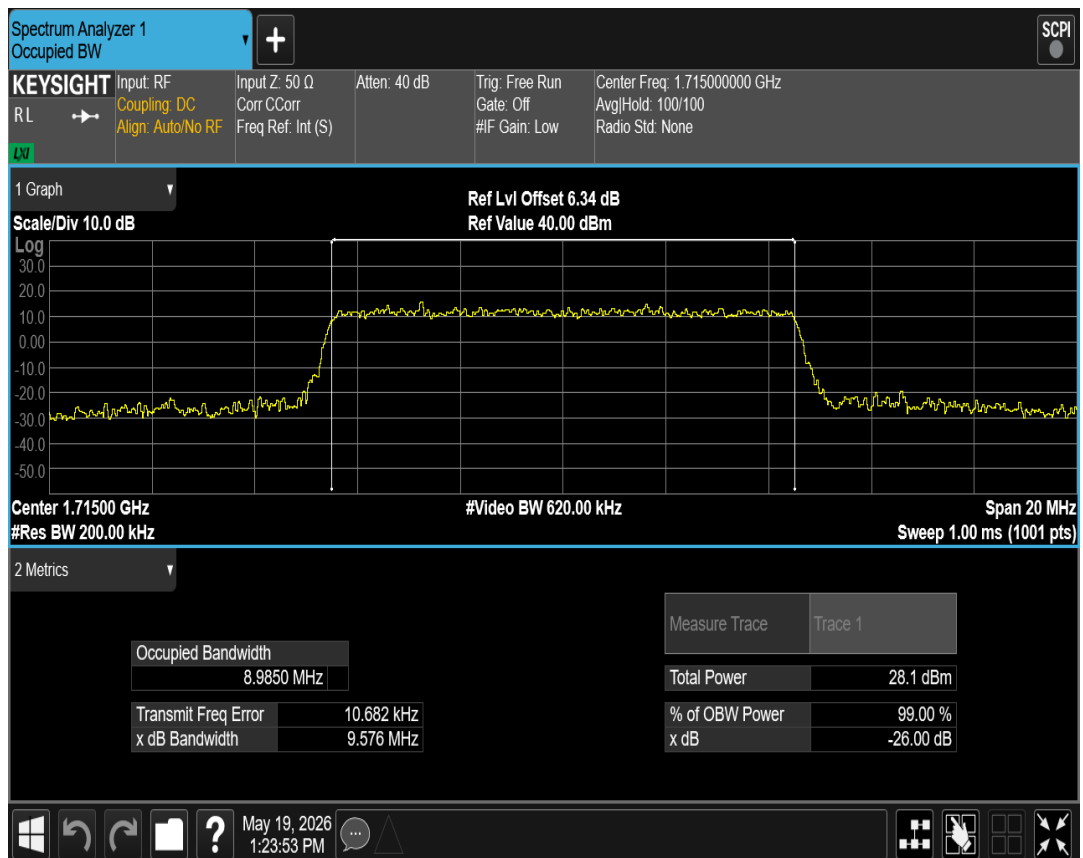
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.091	1.296	PASS
Band4	1.4	19957	6	#0	QAM16	1.094	1.287	PASS
Band4	1.4	20175	6	#0	QPSK	1.095	1.310	PASS
Band4	1.4	20175	6	#0	QAM16	1.088	1.261	PASS
Band4	1.4	20393	6	#0	QPSK	1.092	1.262	PASS
Band4	1.4	20393	6	#0	QAM16	1.095	1.263	PASS
Band4	3	19965	15	#0	QPSK	2.689	2.928	PASS
Band4	3	19965	15	#0	QAM16	2.690	2.882	PASS
Band4	3	20175	15	#0	QPSK	2.691	2.935	PASS
Band4	3	20175	15	#0	QAM16	2.696	2.903	PASS
Band4	3	20385	15	#0	QPSK	2.686	2.915	PASS
Band4	3	20385	15	#0	QAM16	2.688	2.931	PASS
Band4	5	19975	25	#0	QPSK	4.506	4.894	PASS
Band4	5	19975	25	#0	QAM16	4.504	4.827	PASS
Band4	5	20175	25	#0	QPSK	4.504	4.899	PASS
Band4	5	20175	25	#0	QAM16	4.516	4.887	PASS
Band4	5	20375	25	#0	QPSK	4.511	4.864	PASS
Band4	5	20375	25	#0	QAM16	4.510	4.779	PASS
Band4	10	20000	50	#0	QPSK	9.002	9.646	PASS
Band4	10	20000	50	#0	QAM16	8.985	9.576	PASS
Band4	10	20175	50	#0	QPSK	8.976	9.574	PASS
Band4	10	20175	50	#0	QAM16	9.013	9.652	PASS
Band4	10	20350	50	#0	QPSK	8.972	9.562	PASS
Band4	10	20350	50	#0	QAM16	9.002	9.737	PASS
Band4	15	20025	75	#0	QPSK	13.451	14.402	PASS
Band4	15	20025	75	#0	QAM16	13.462	14.402	PASS
Band4	15	20175	75	#0	QPSK	13.457	14.426	PASS
Band4	15	20175	75	#0	QAM16	13.489	14.616	PASS
Band4	15	20325	75	#0	QPSK	13.446	14.386	PASS
Band4	15	20325	75	#0	QAM16	13.493	14.357	PASS
Band4	20	20050	100	#0	QPSK	17.965	19.118	PASS
Band4	20	20050	100	#0	QAM16	17.940	19.194	PASS
Band4	20	20175	100	#0	QPSK	17.866	19.009	PASS
Band4	20	20175	100	#0	QAM16	17.979	19.134	PASS
Band4	20	20300	100	#0	QPSK	17.946	19.243	PASS
Band4	20	20300	100	#0	QAM16	17.897	19.140	PASS

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

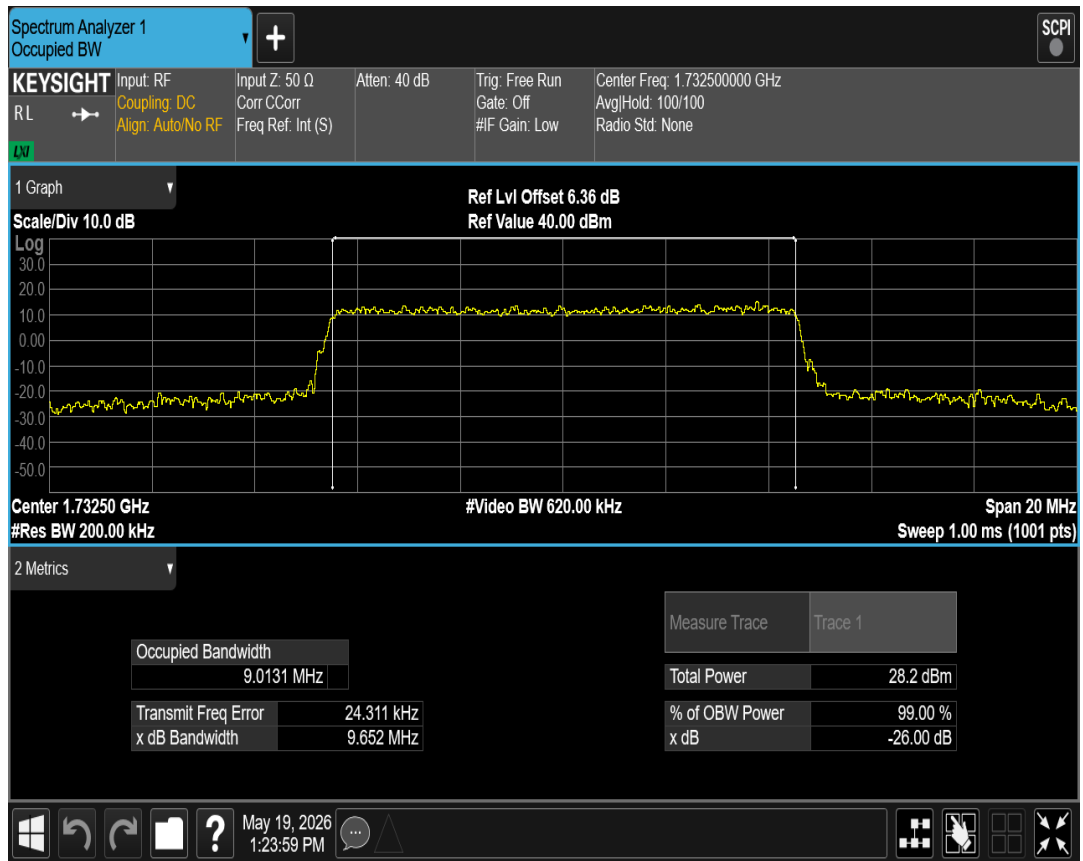
**Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0****Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0**



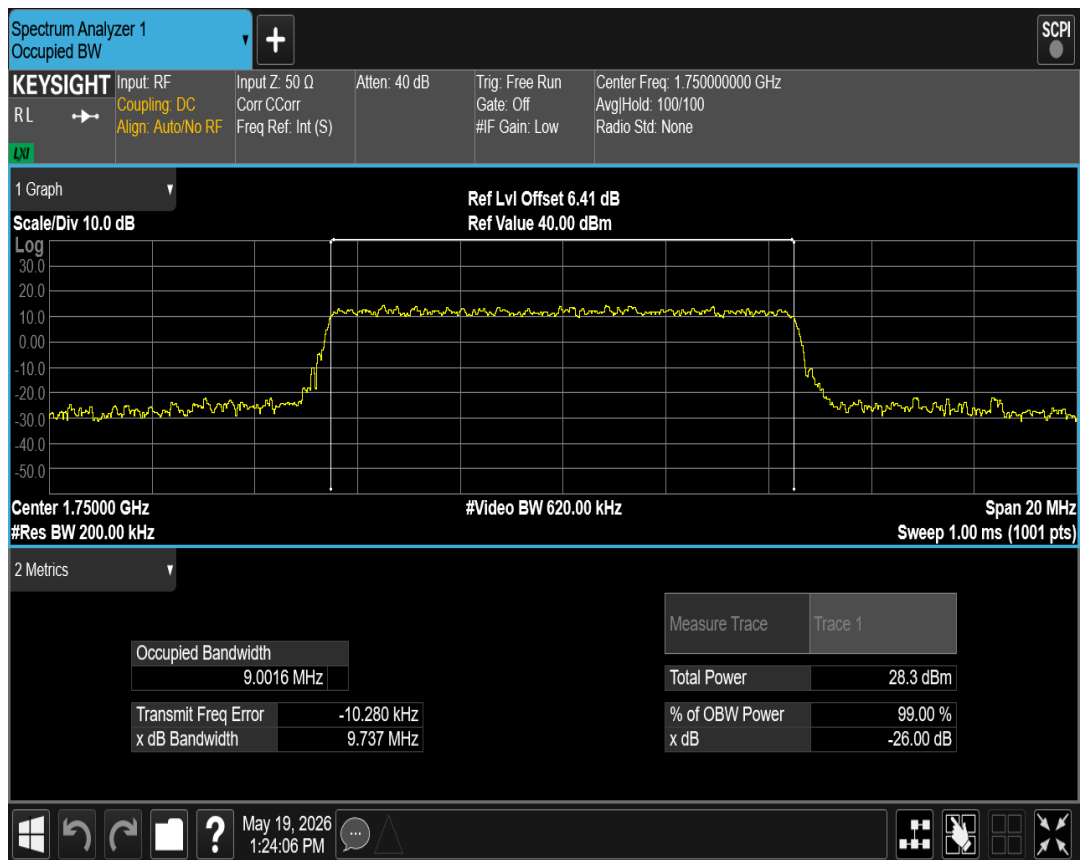
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



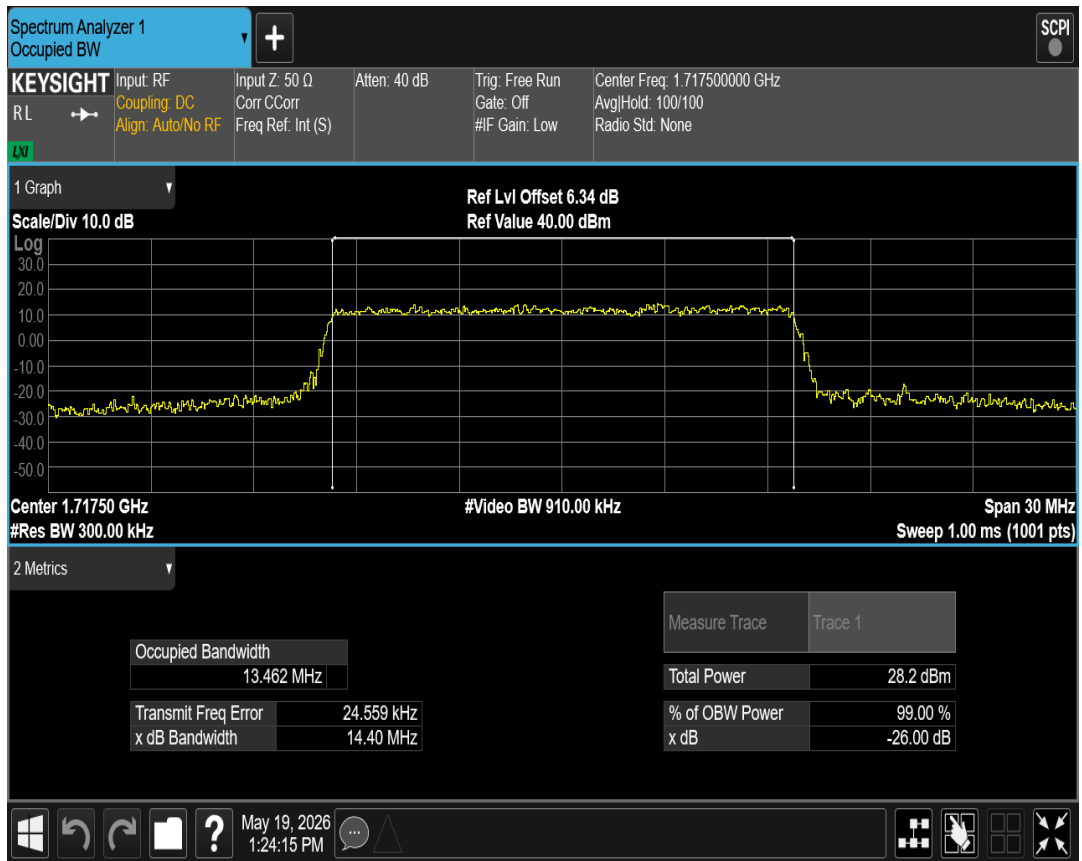
Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0



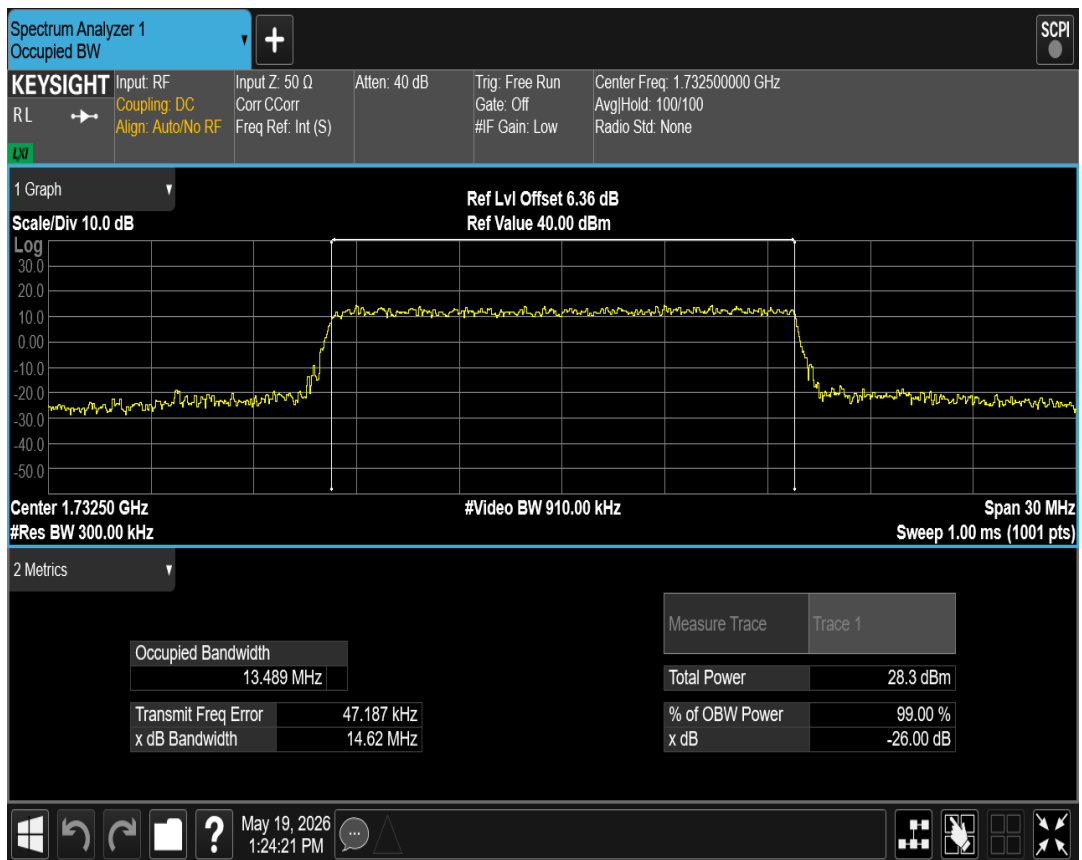
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



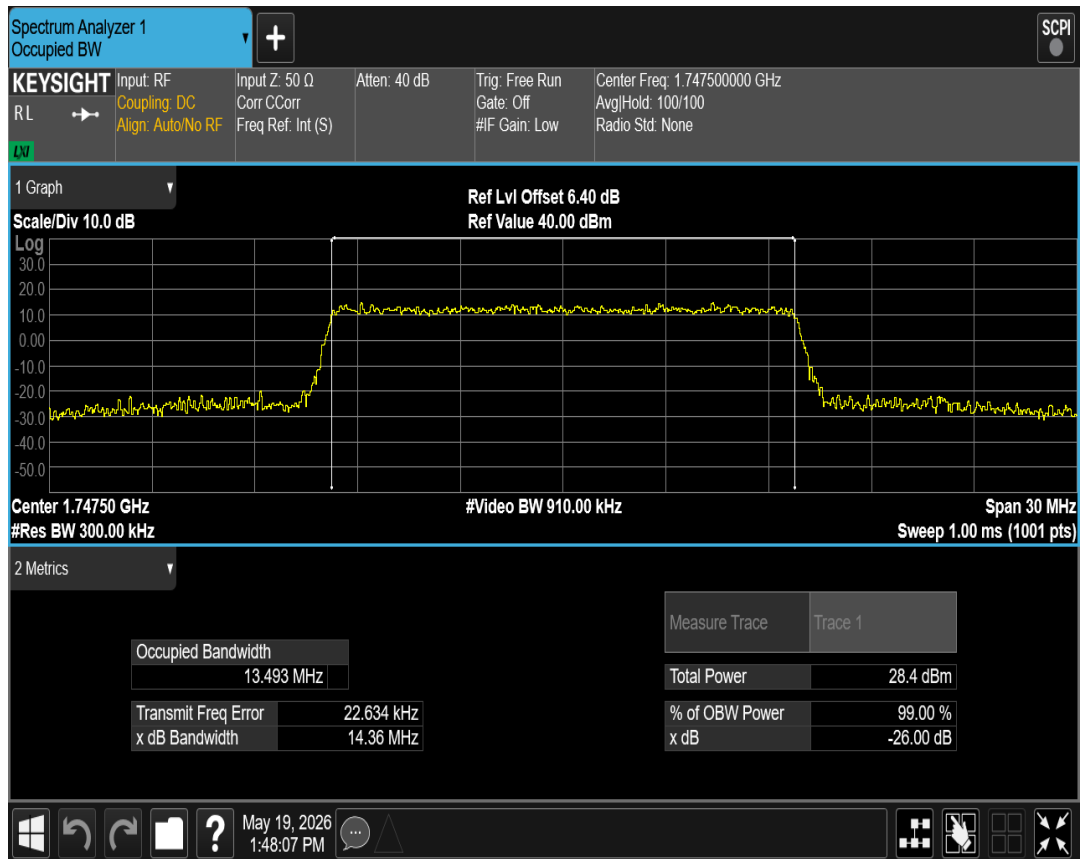
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



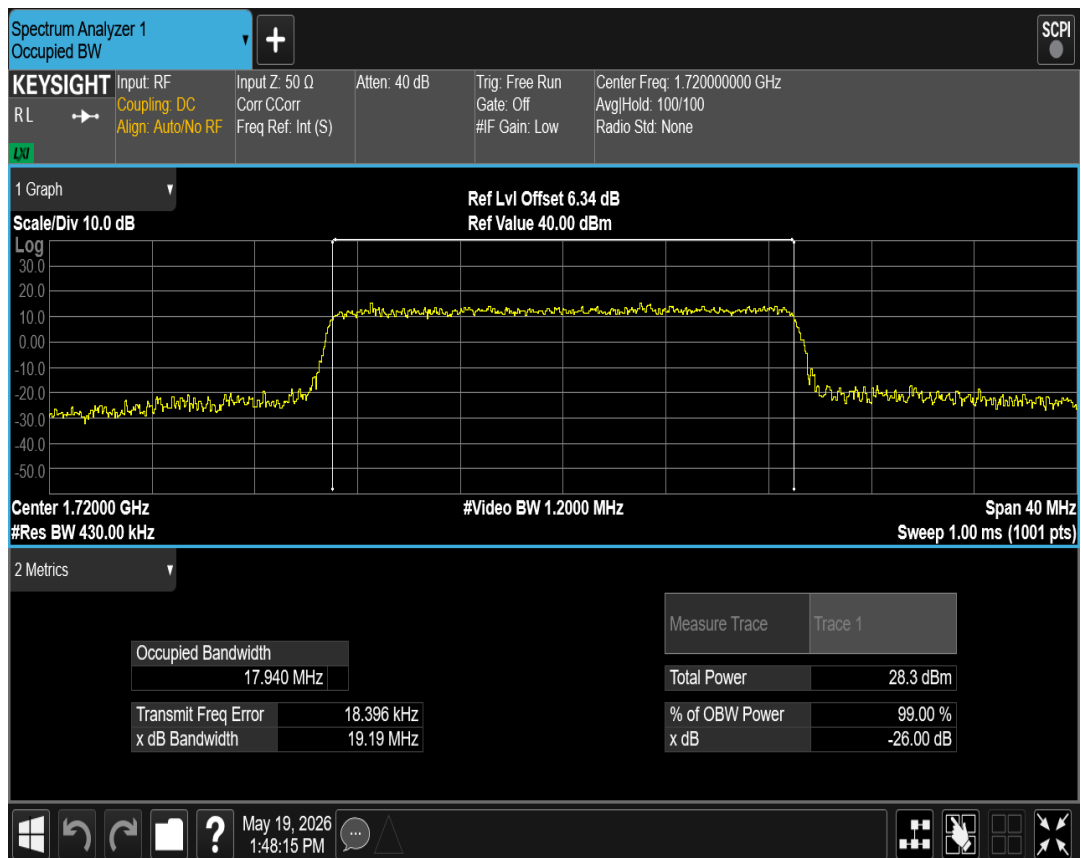
Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0



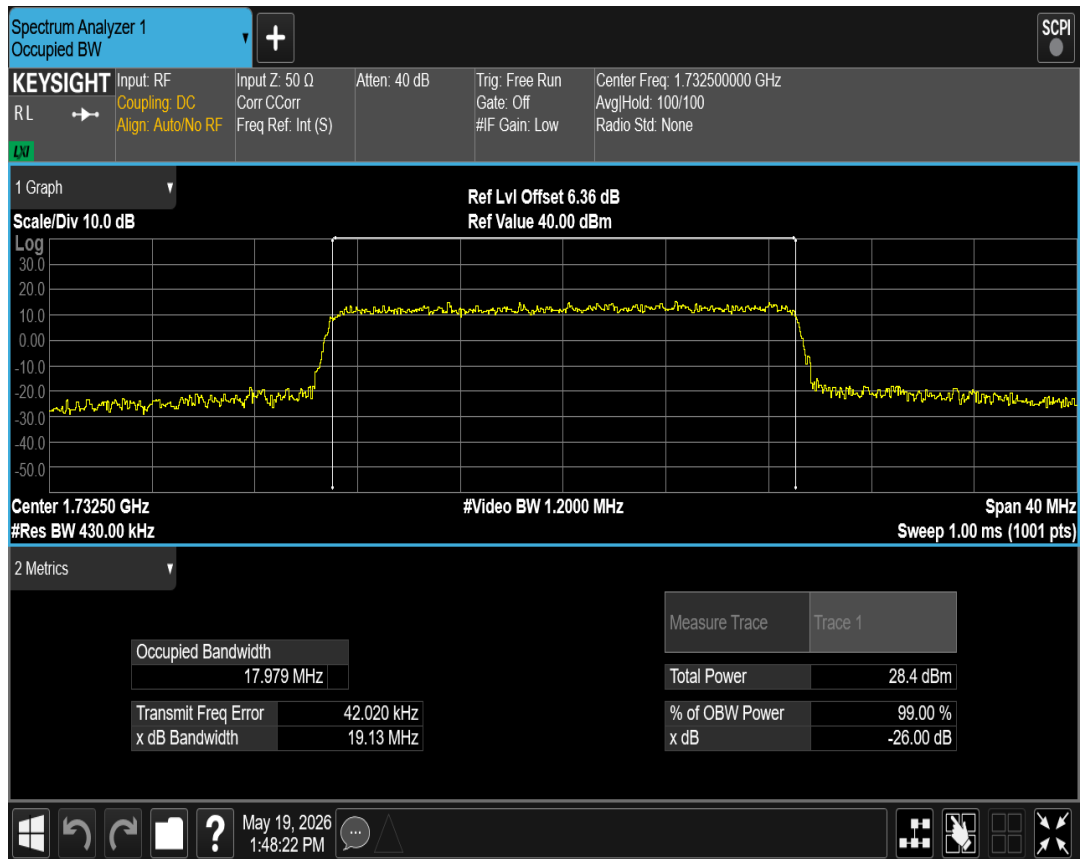
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



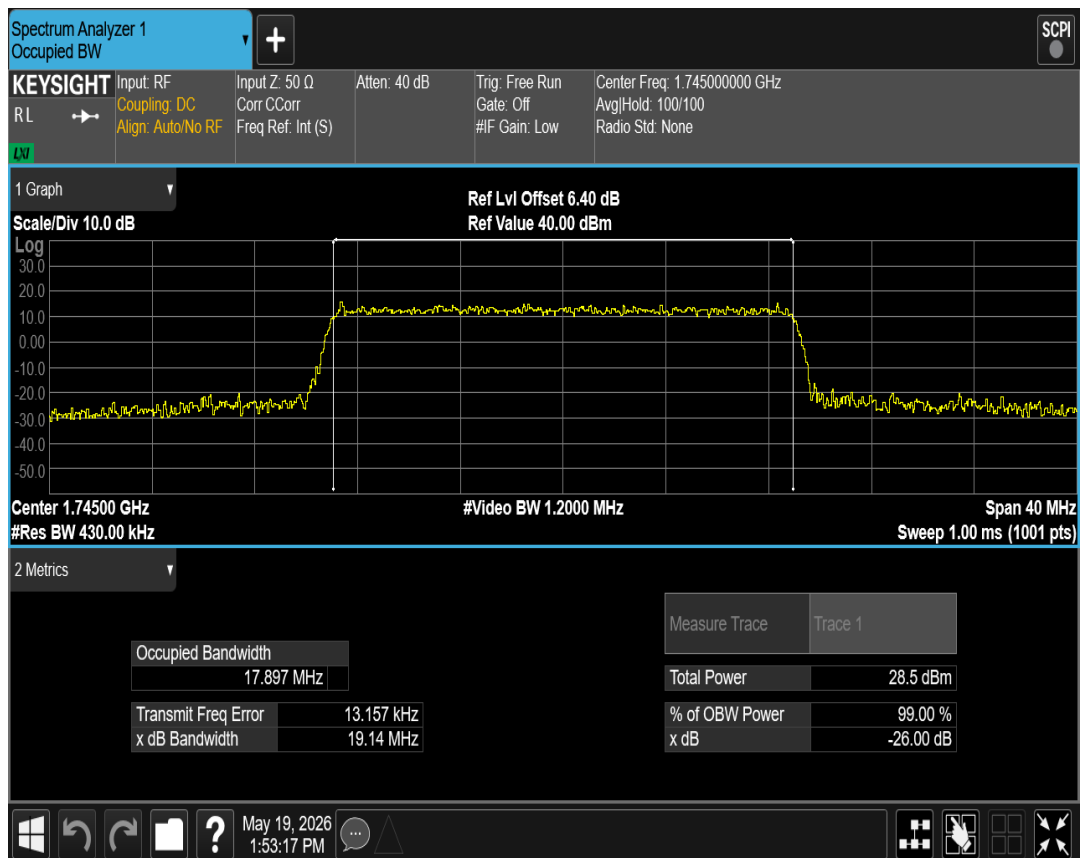
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



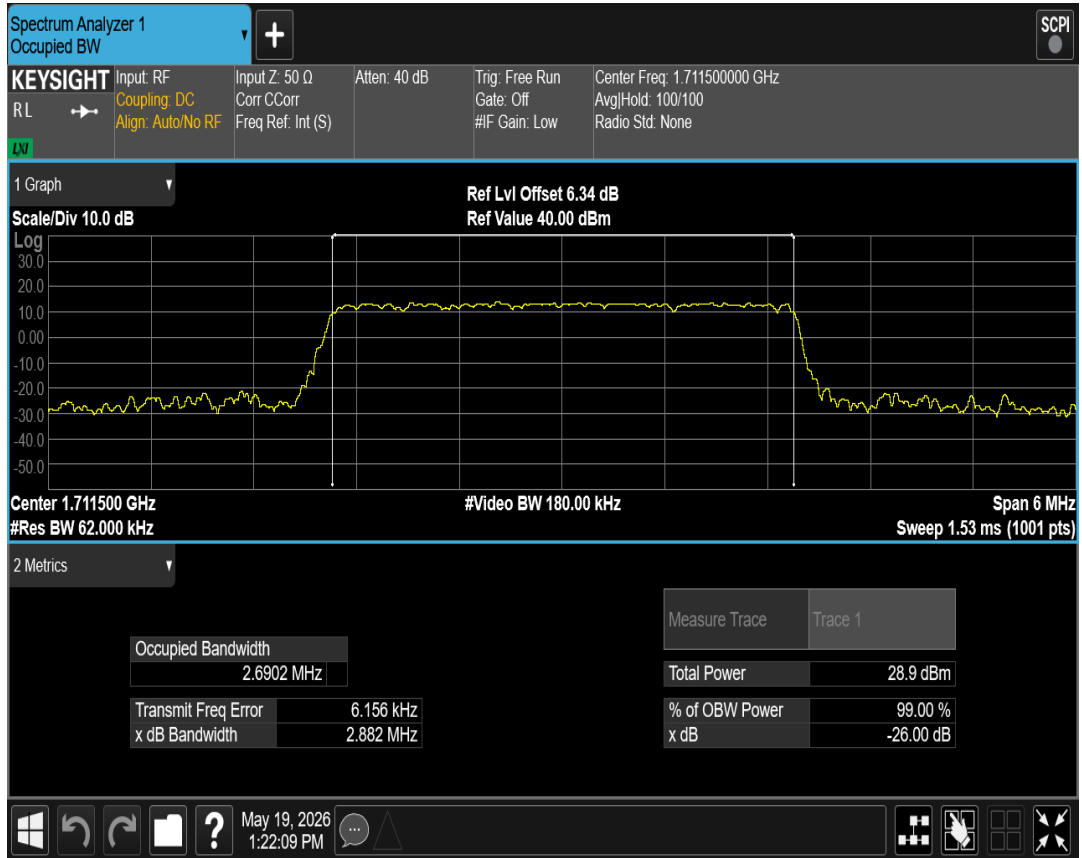
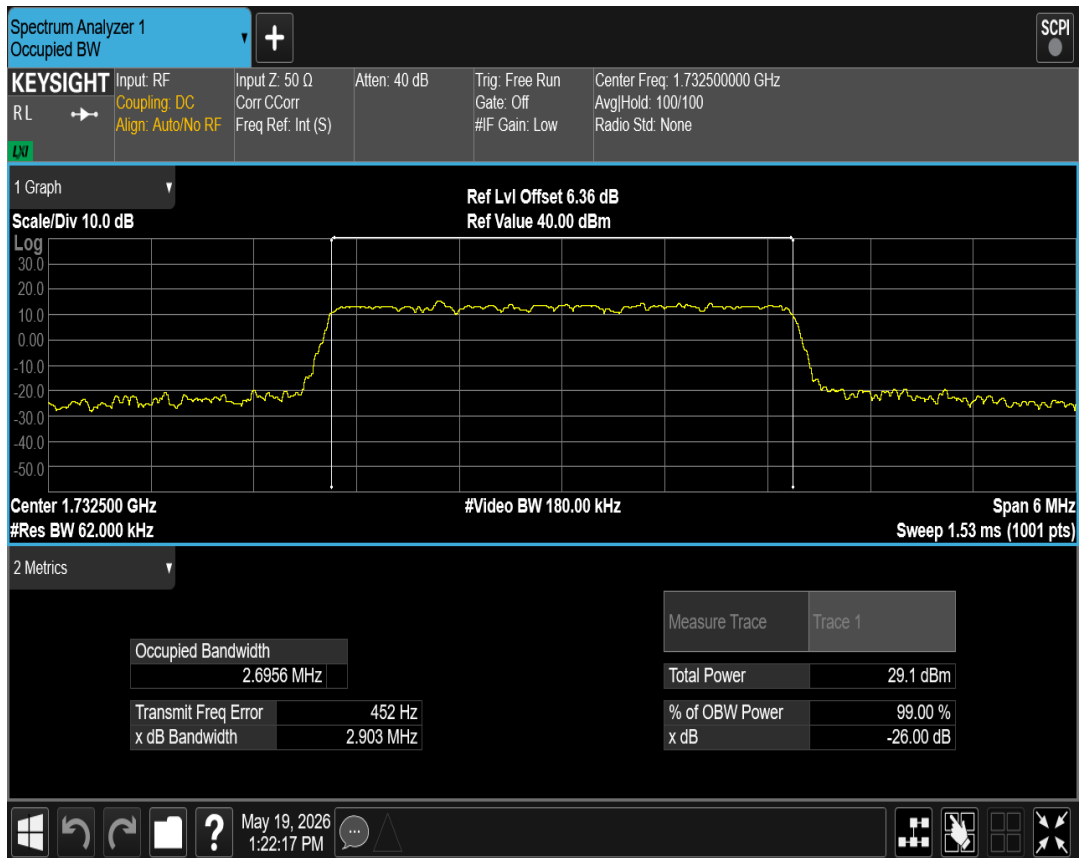
Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0

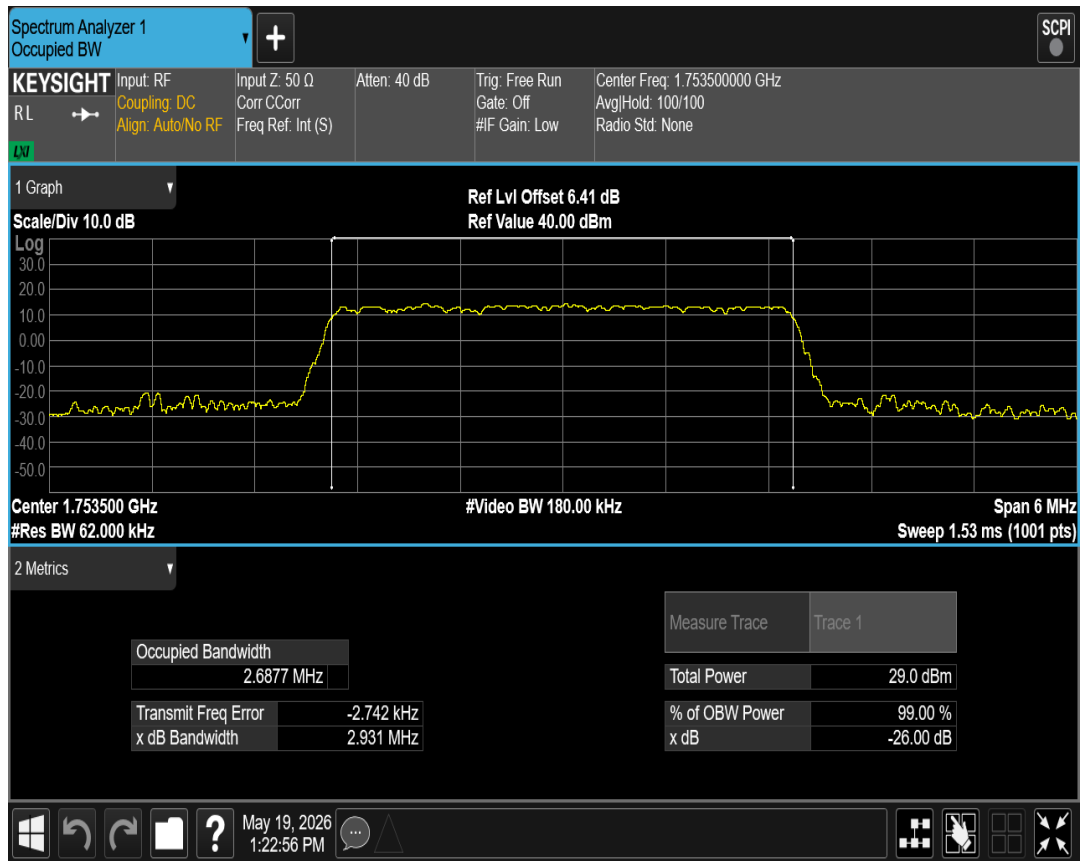
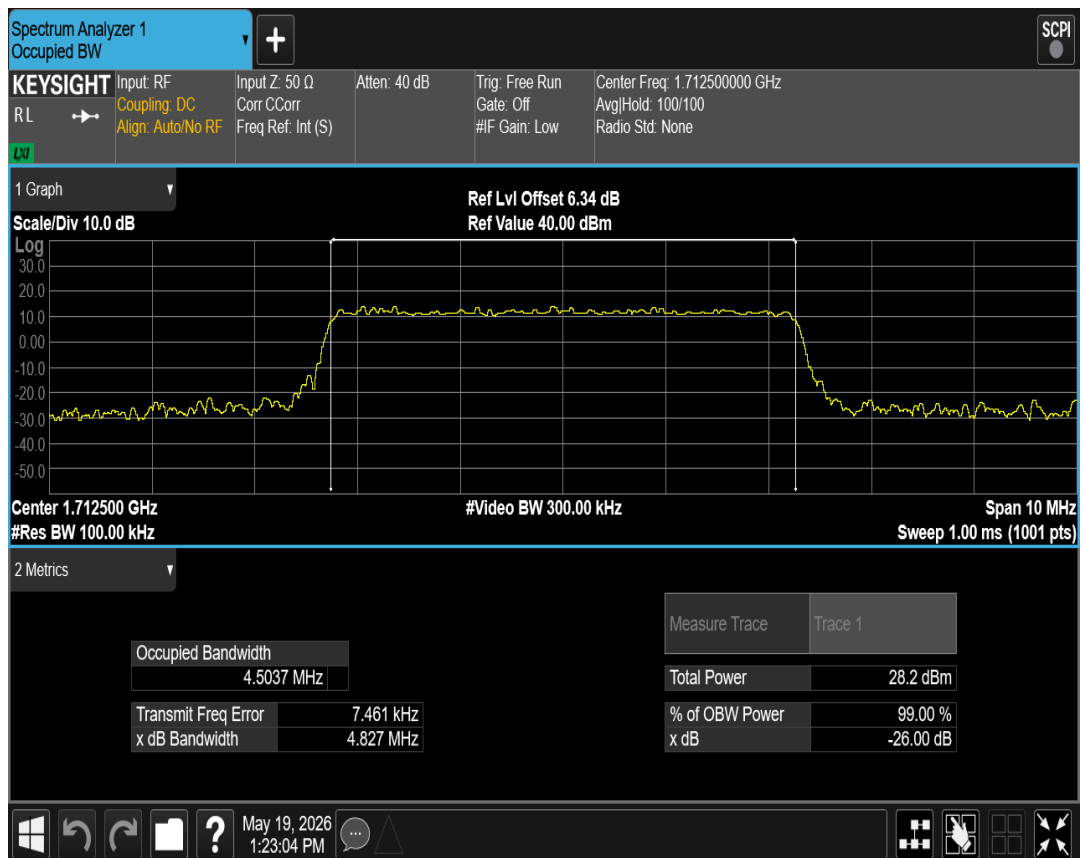


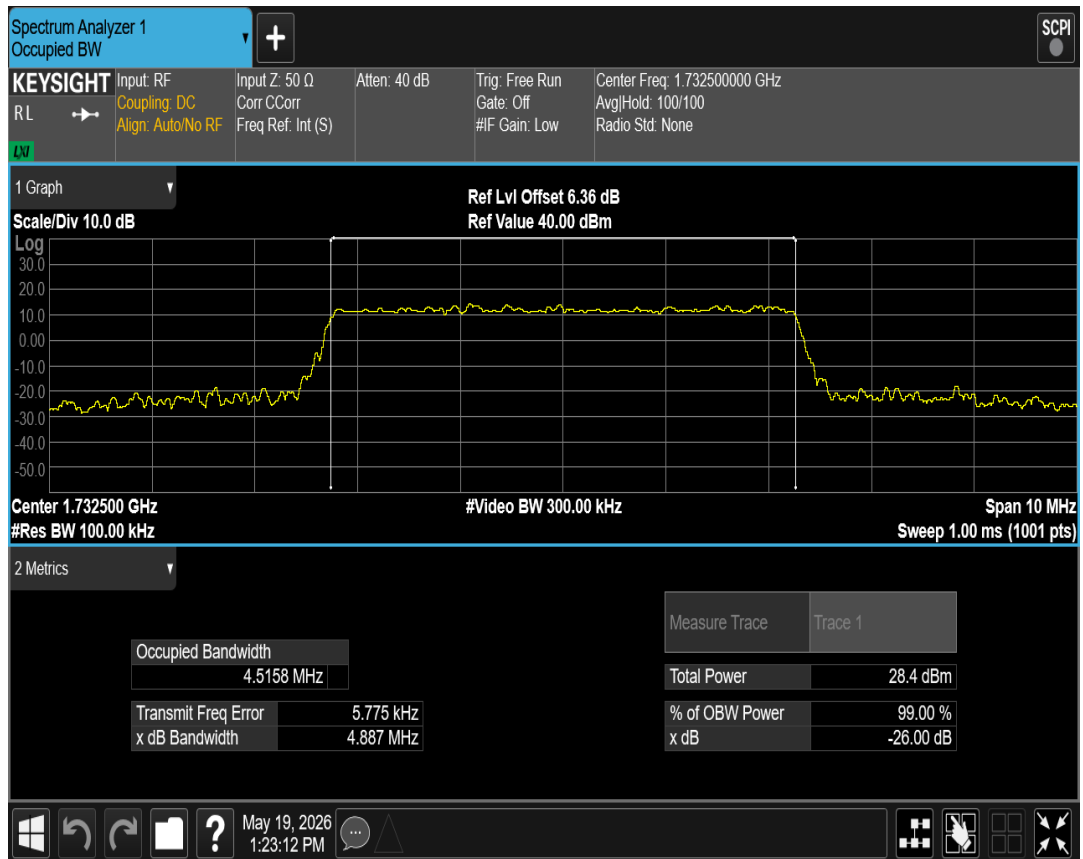
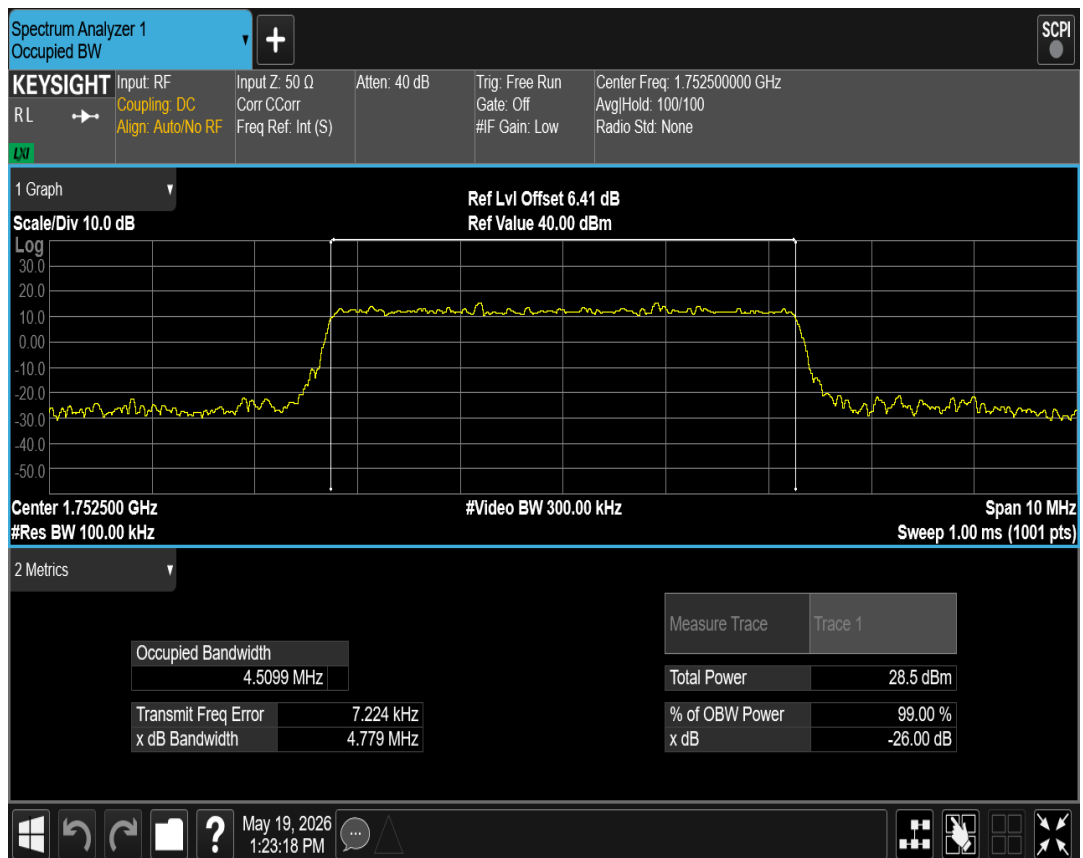
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0

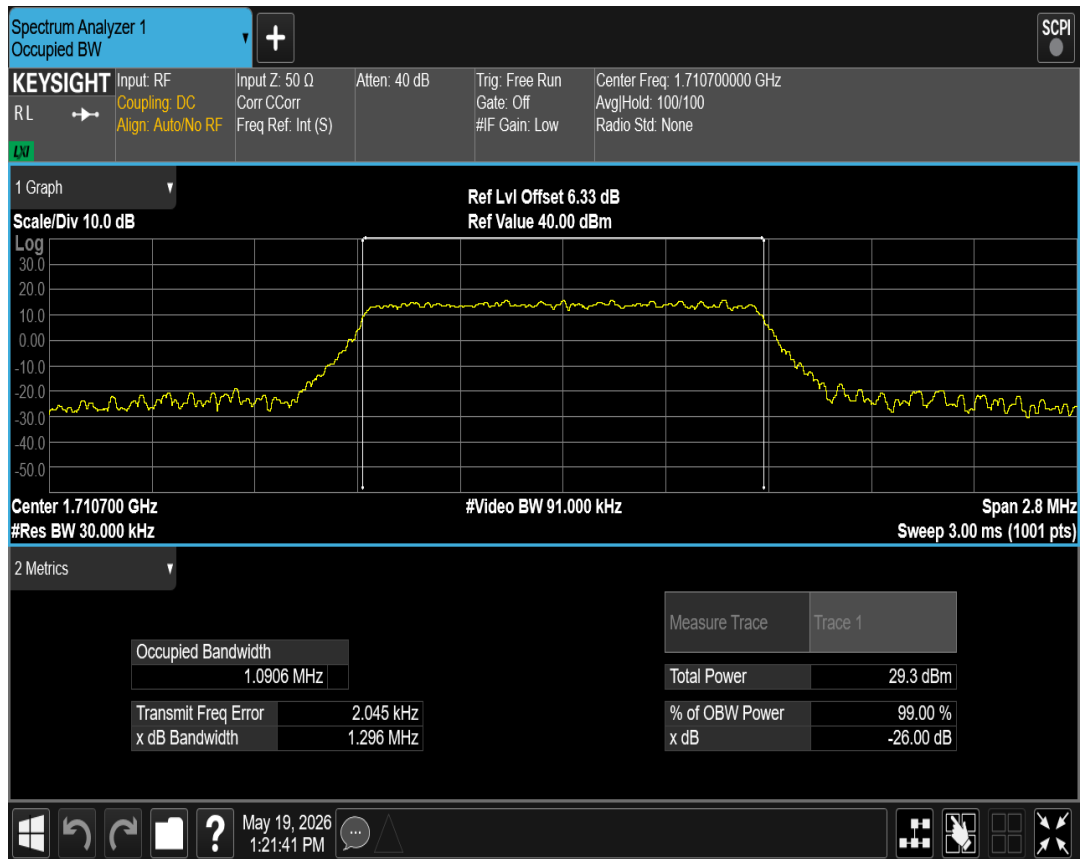
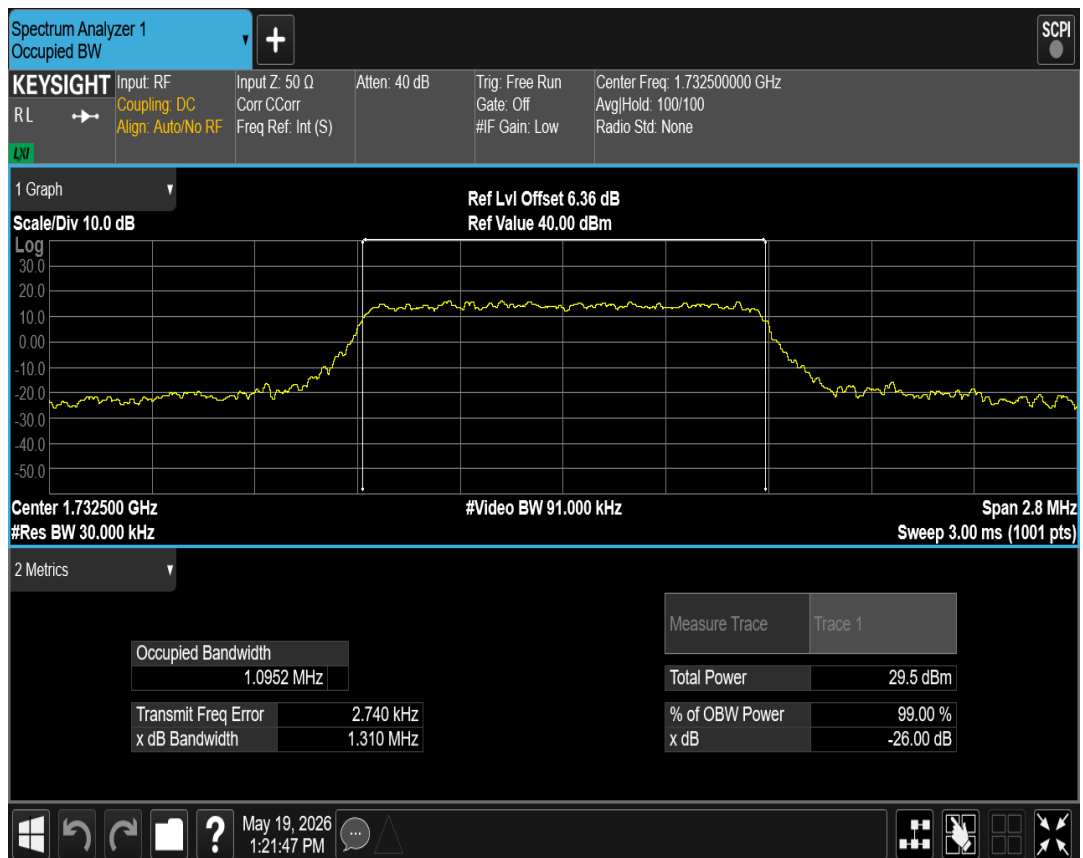


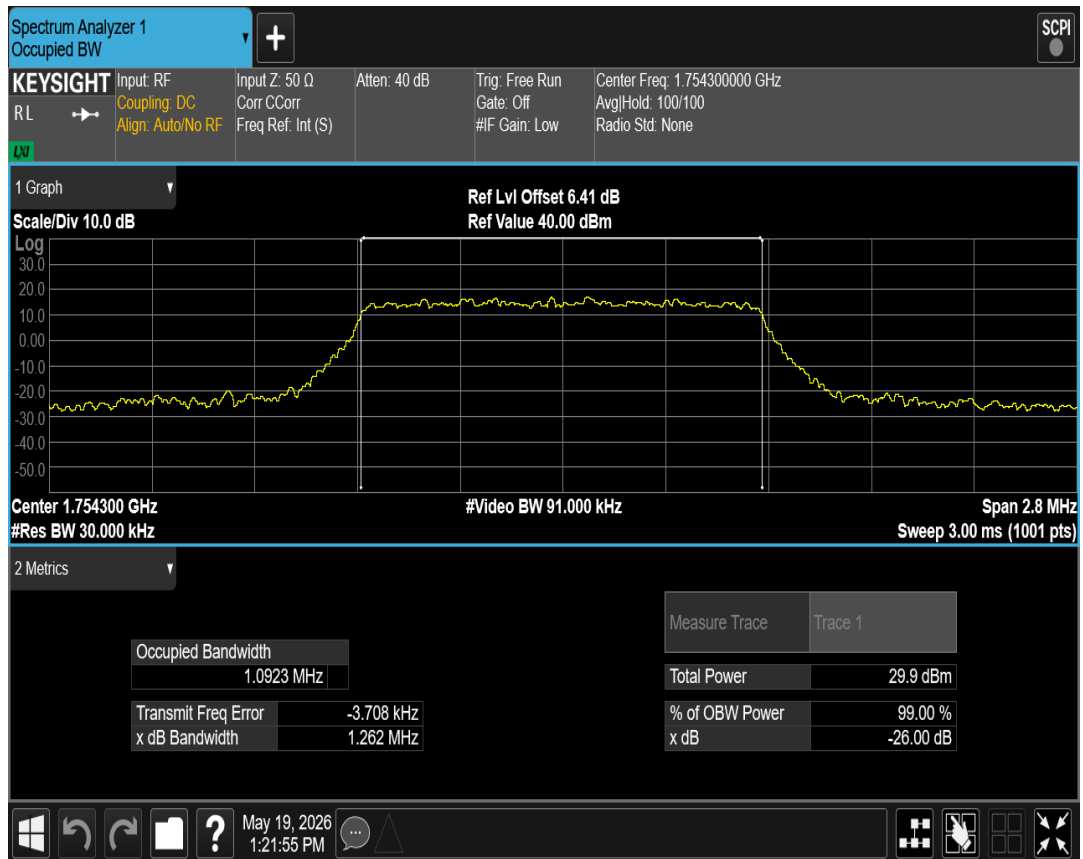
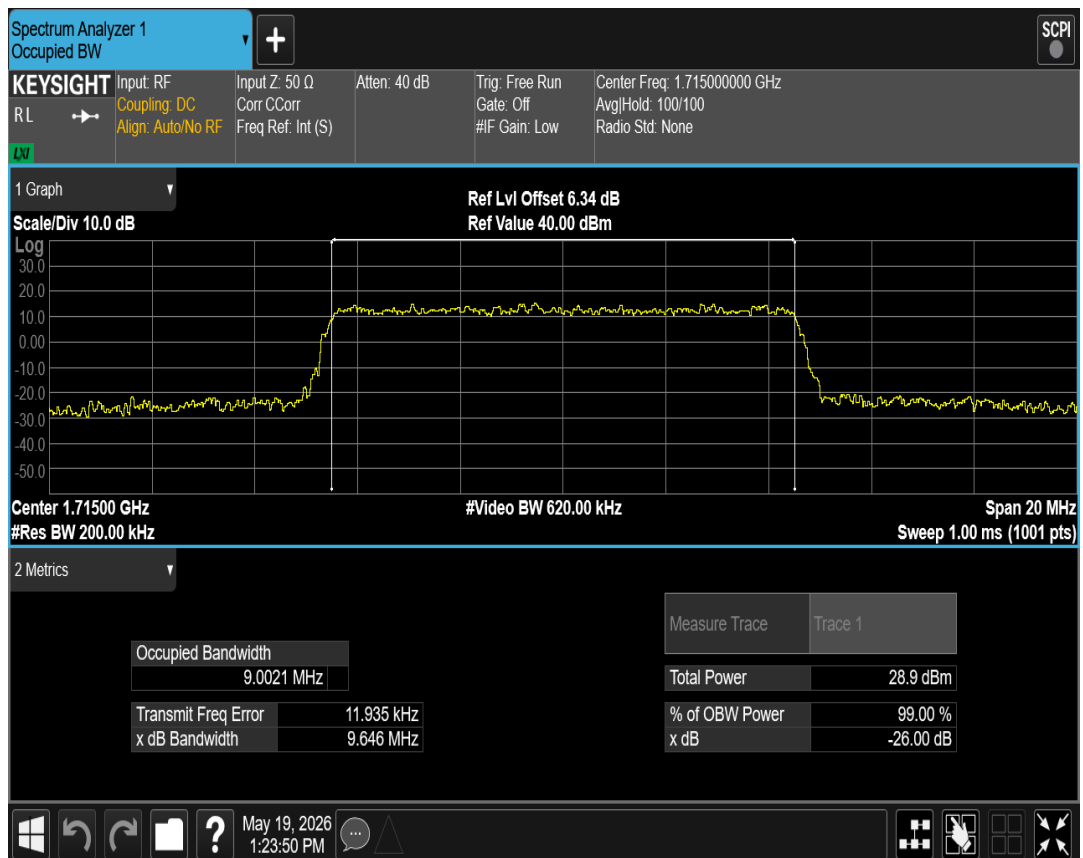
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0

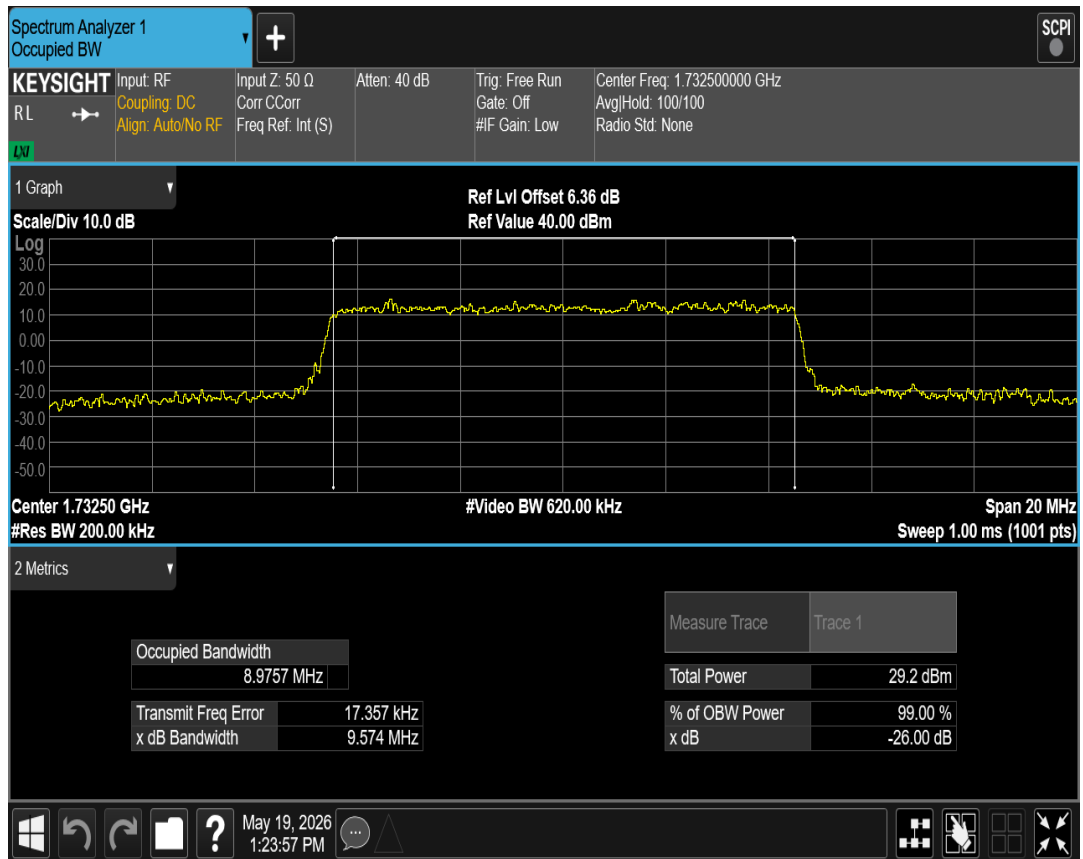
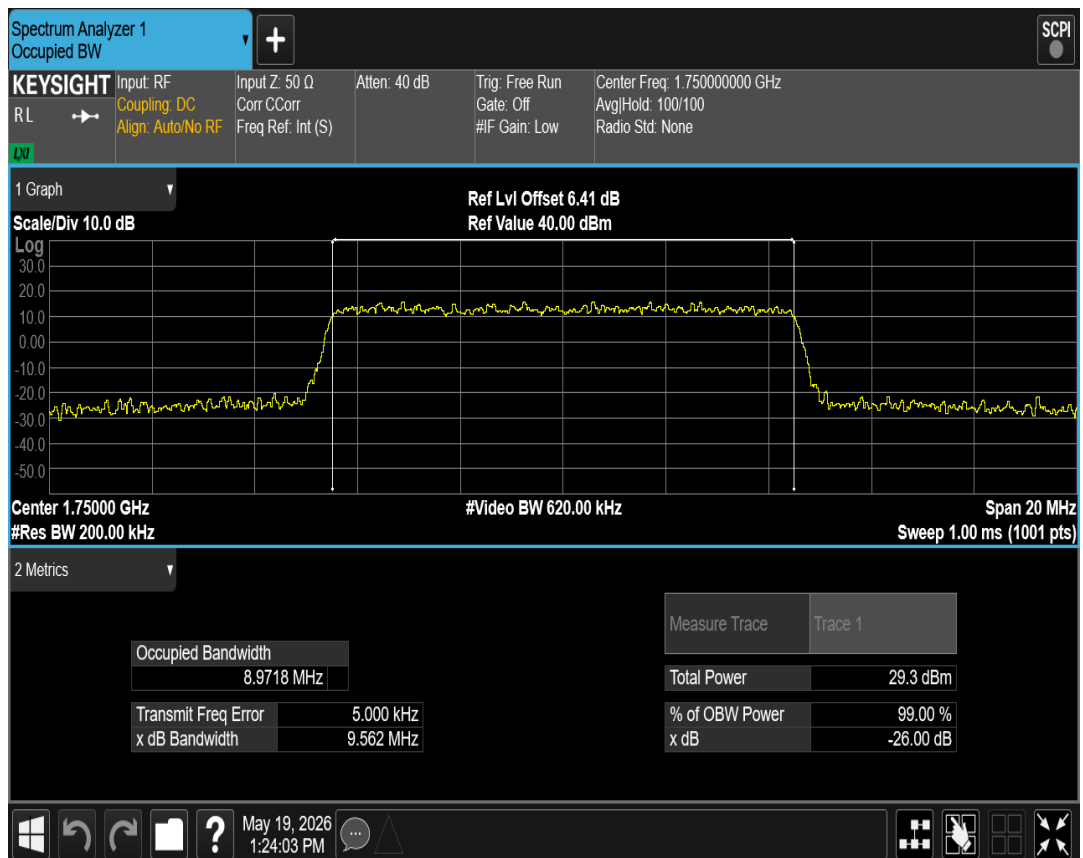
**Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0****Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0**

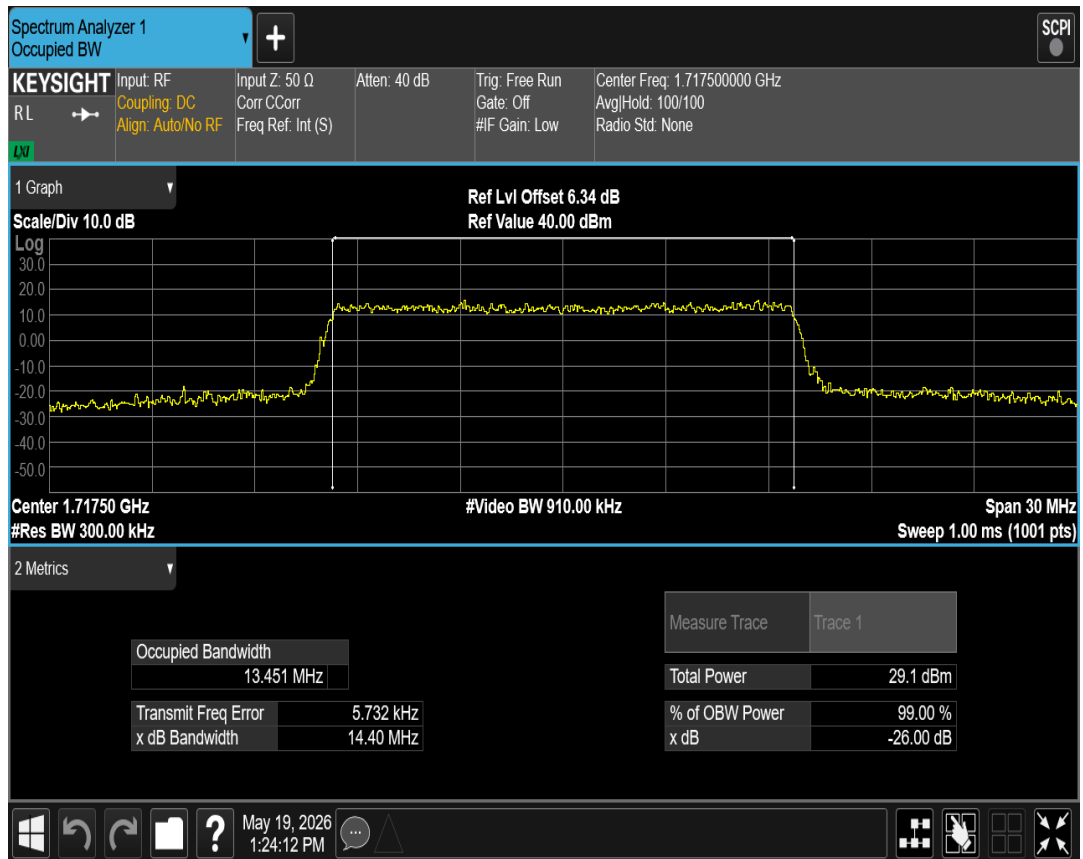
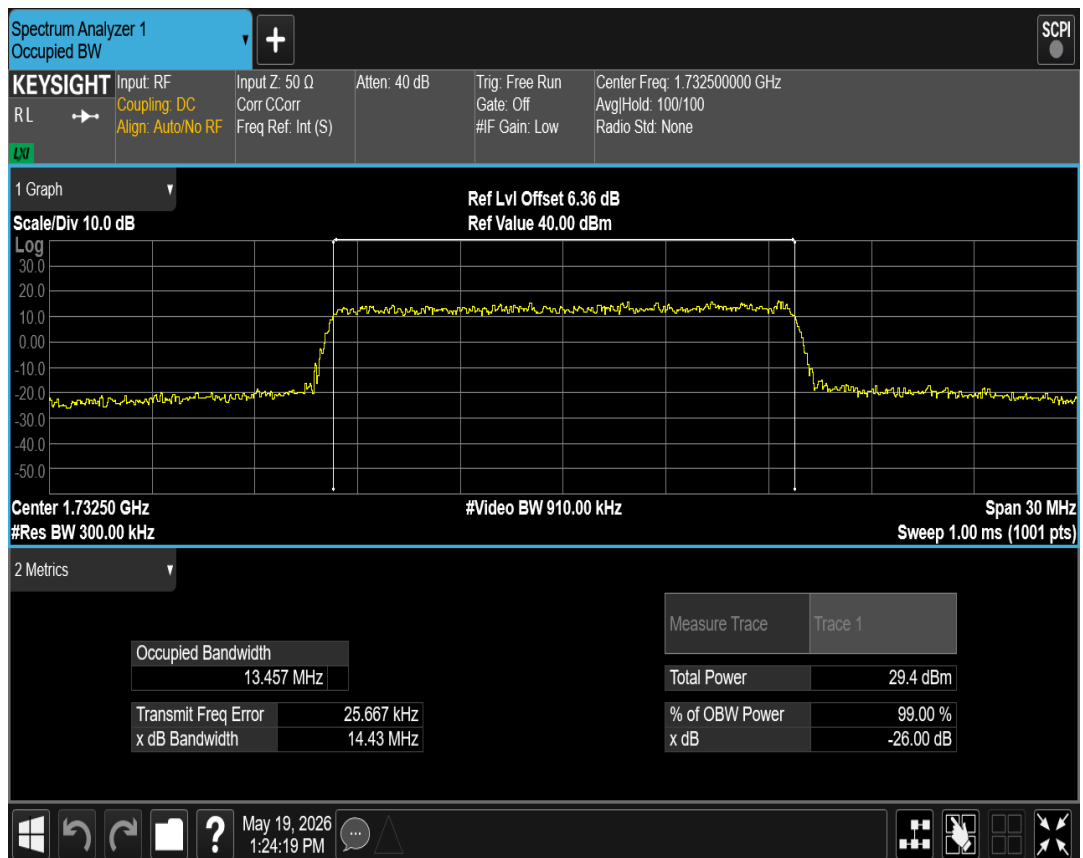
**Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0****Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0**

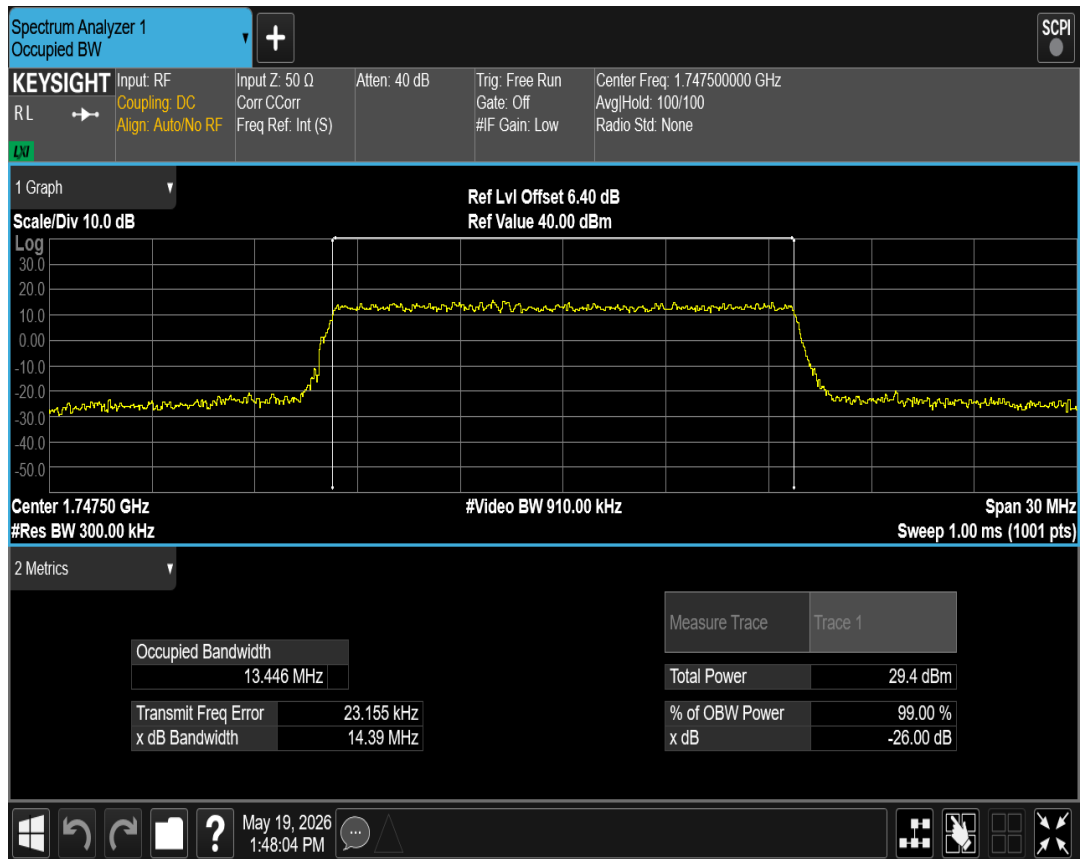
**Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0****Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0**

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

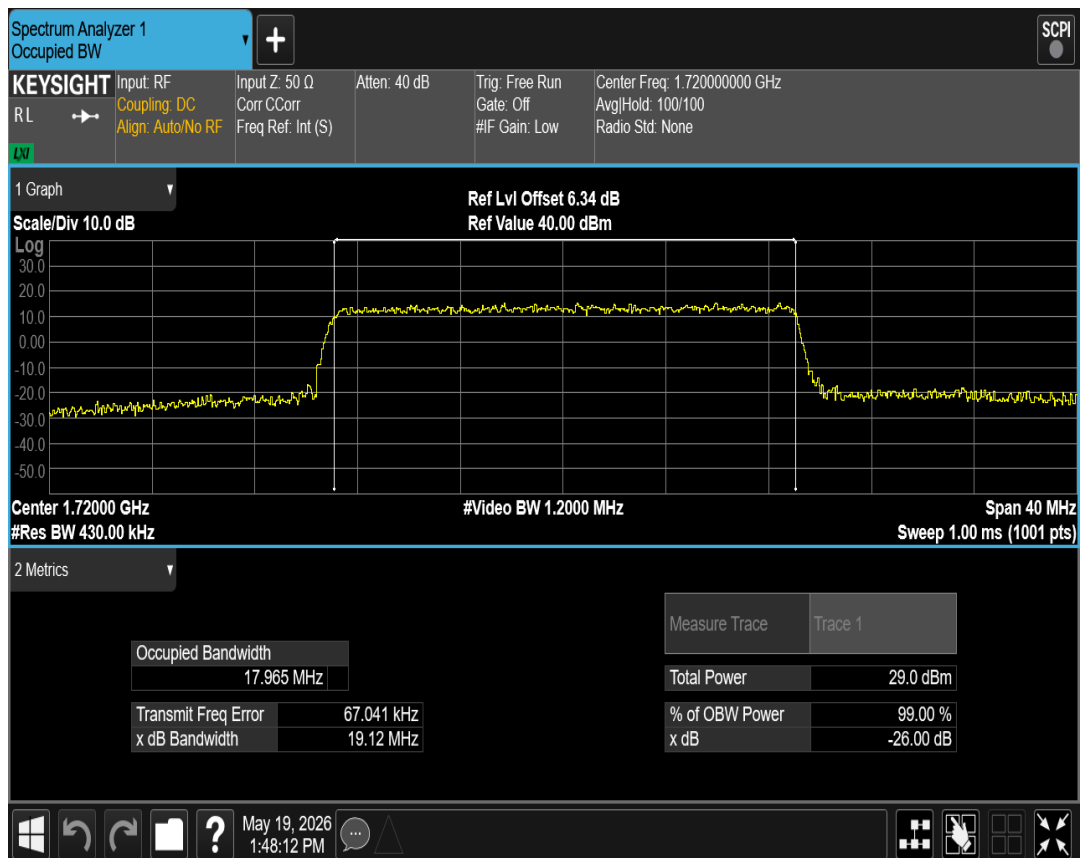
**Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0****Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0**

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

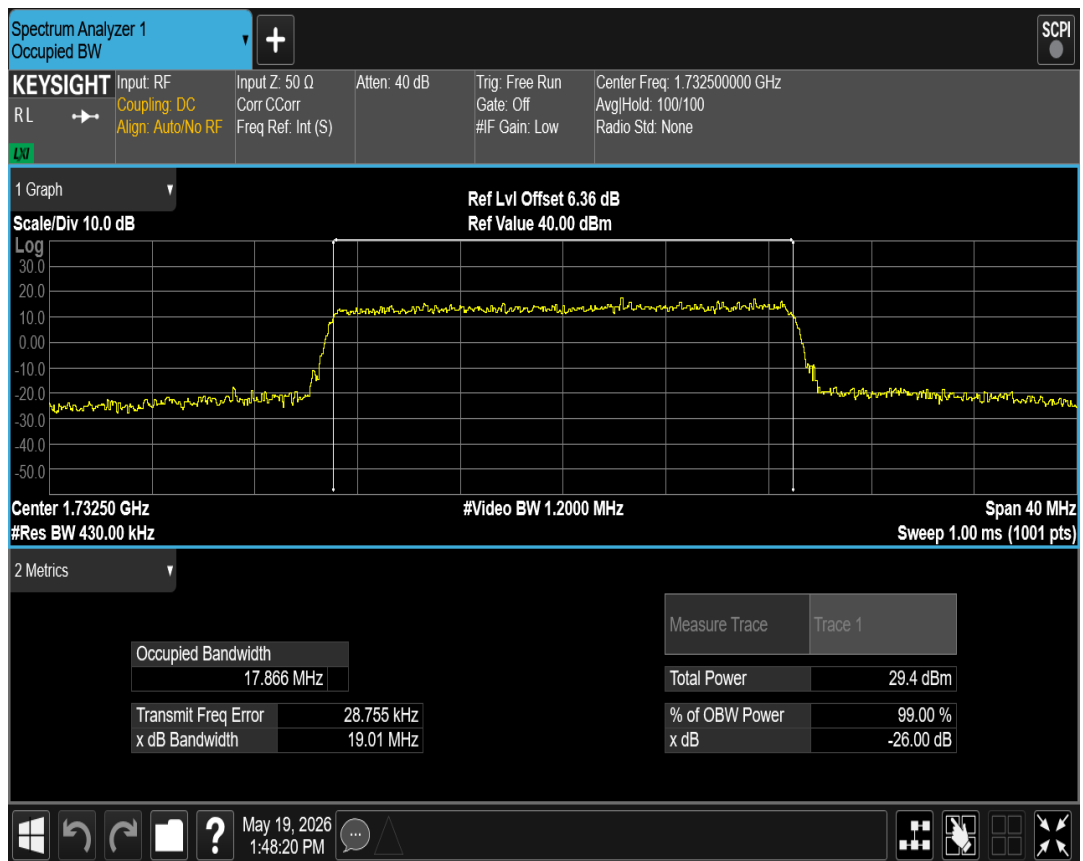
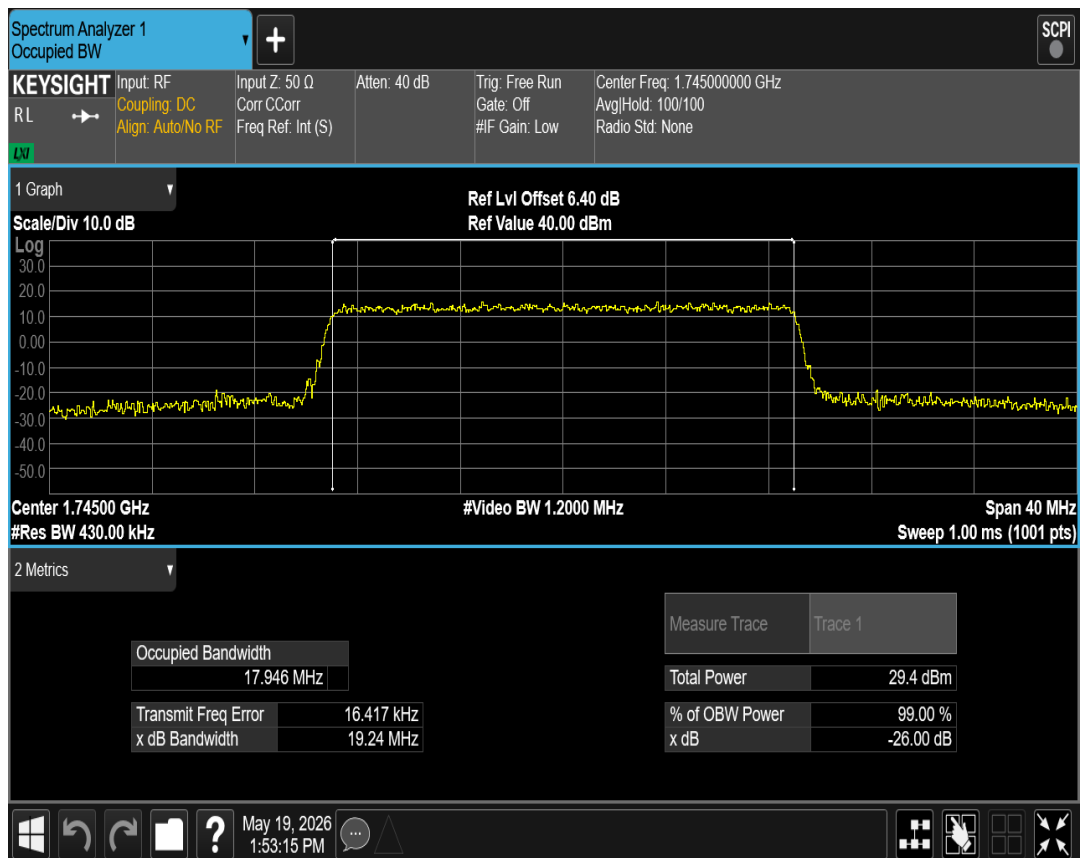
**Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0****Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0**

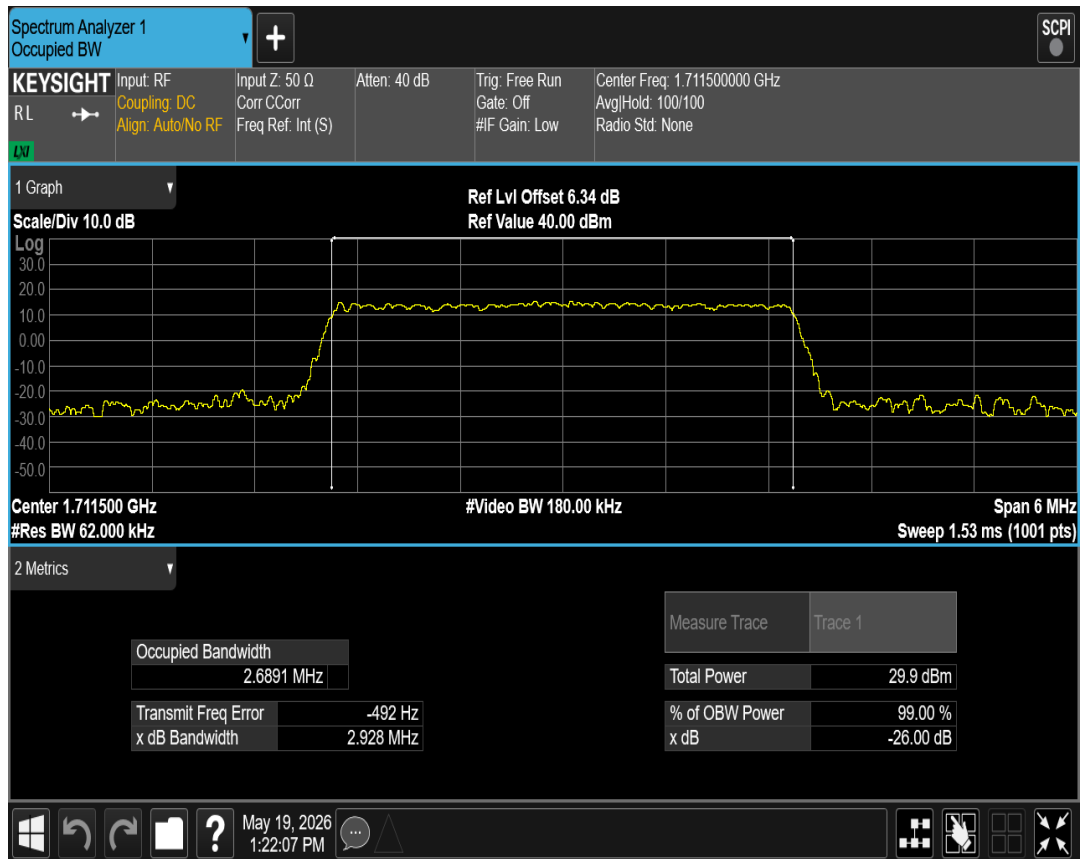


Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0

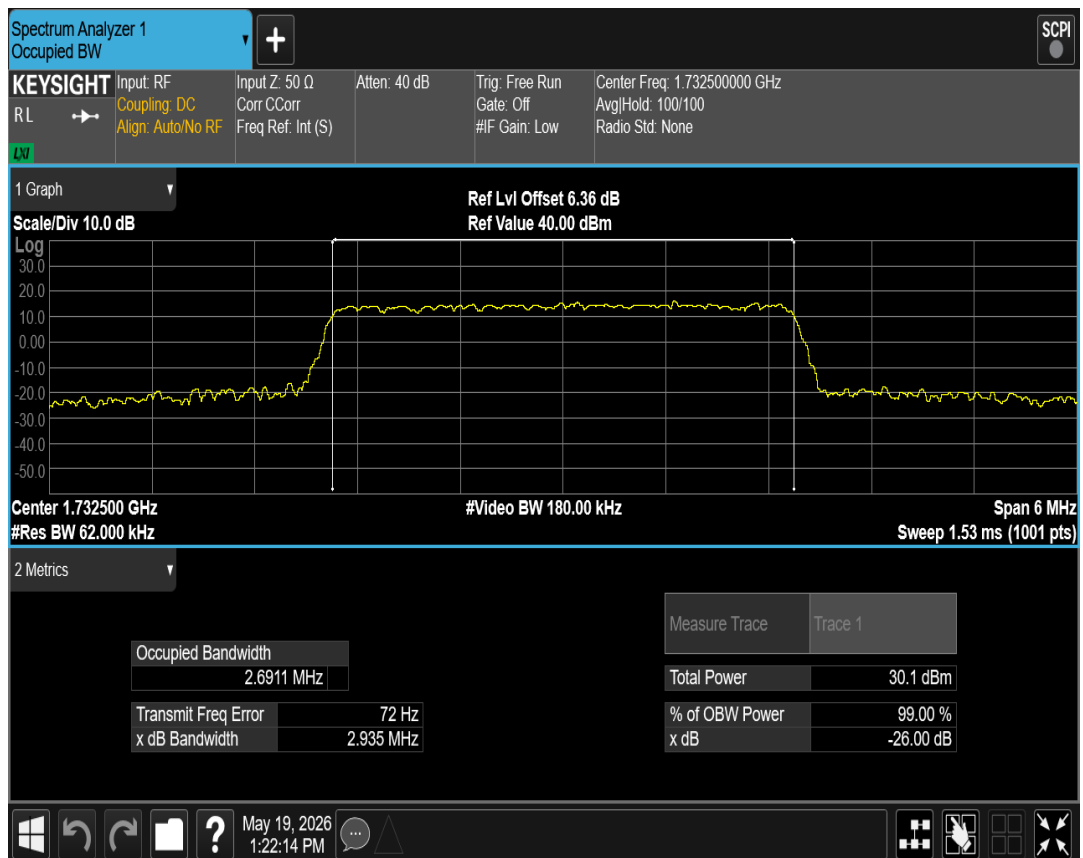


Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0

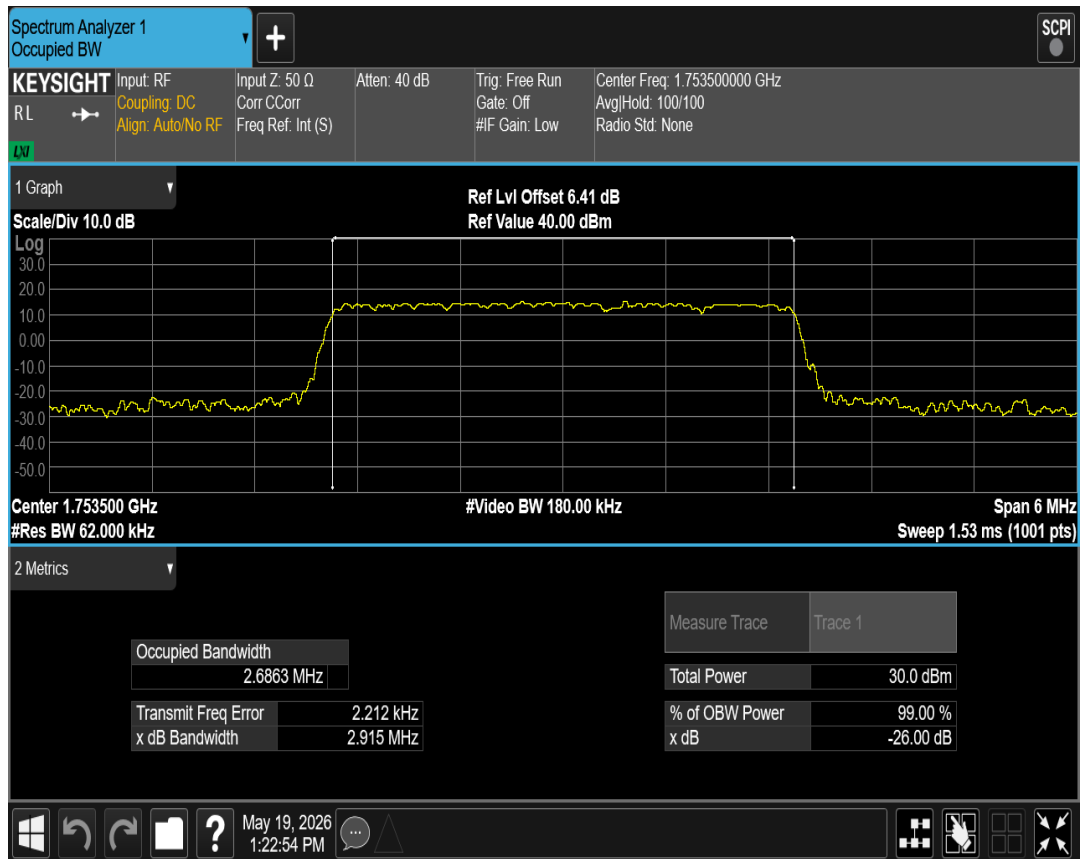
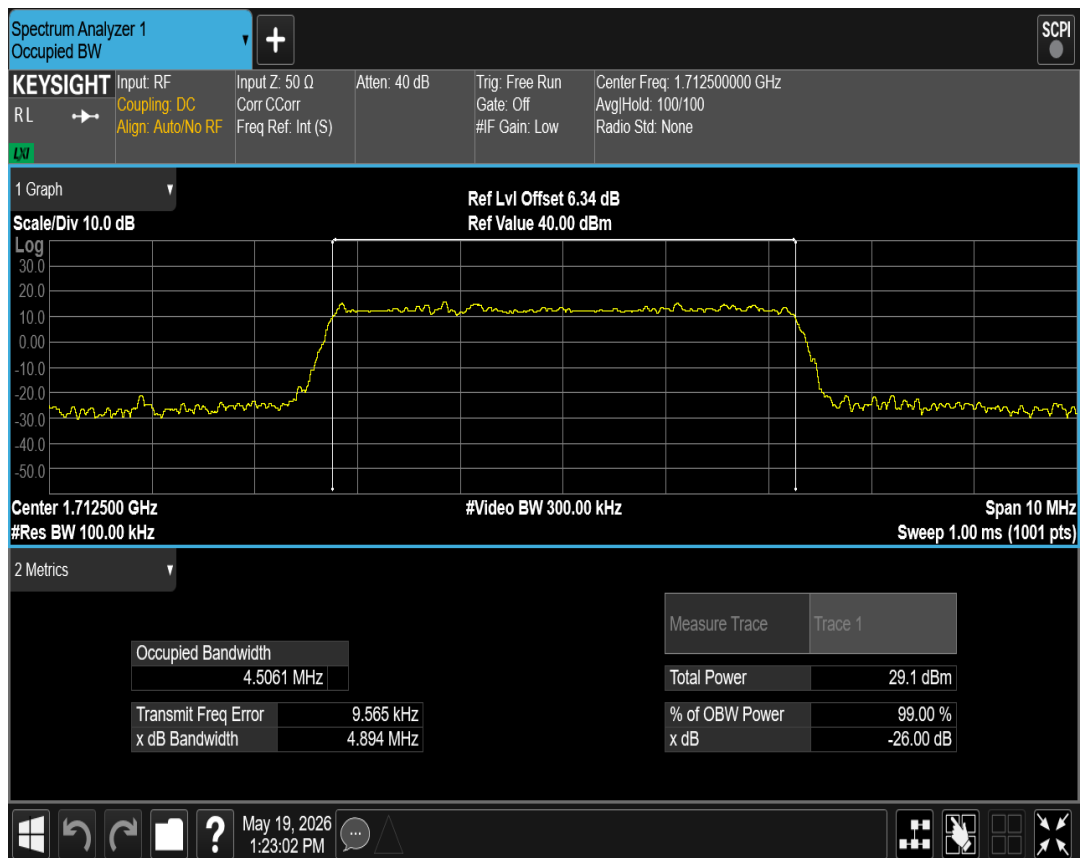
**Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0****Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0**

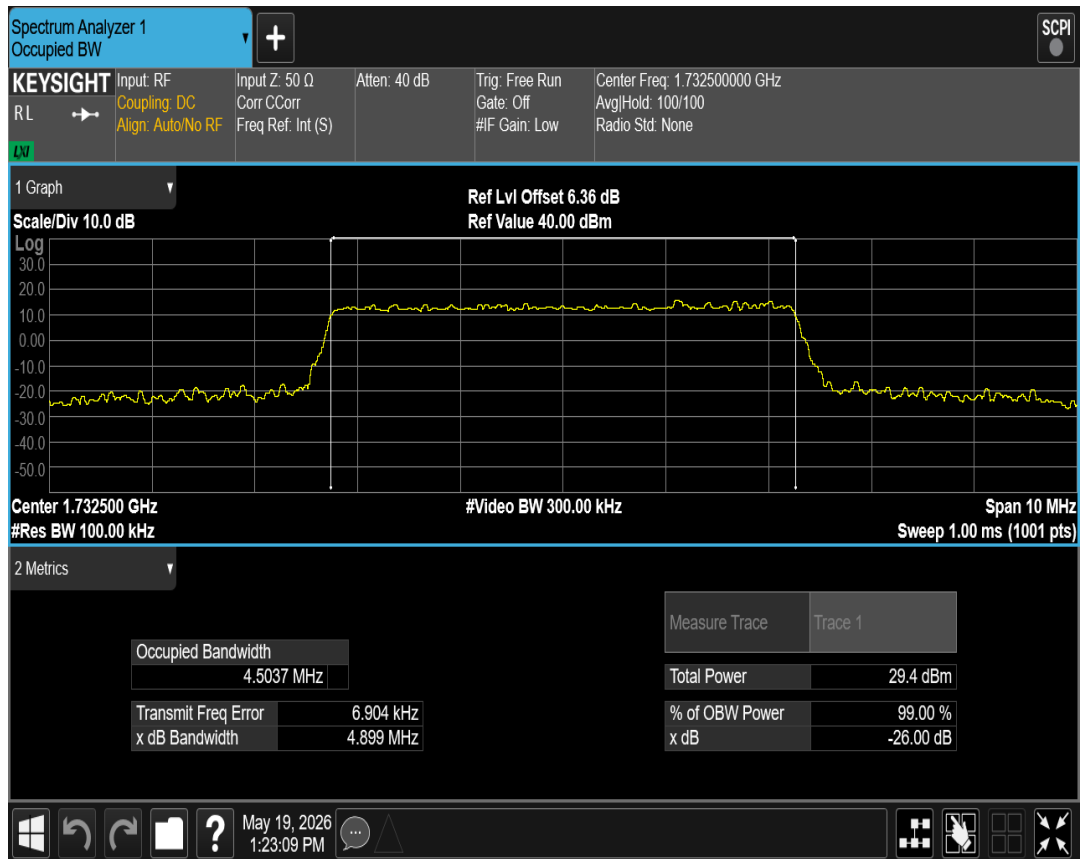


Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0

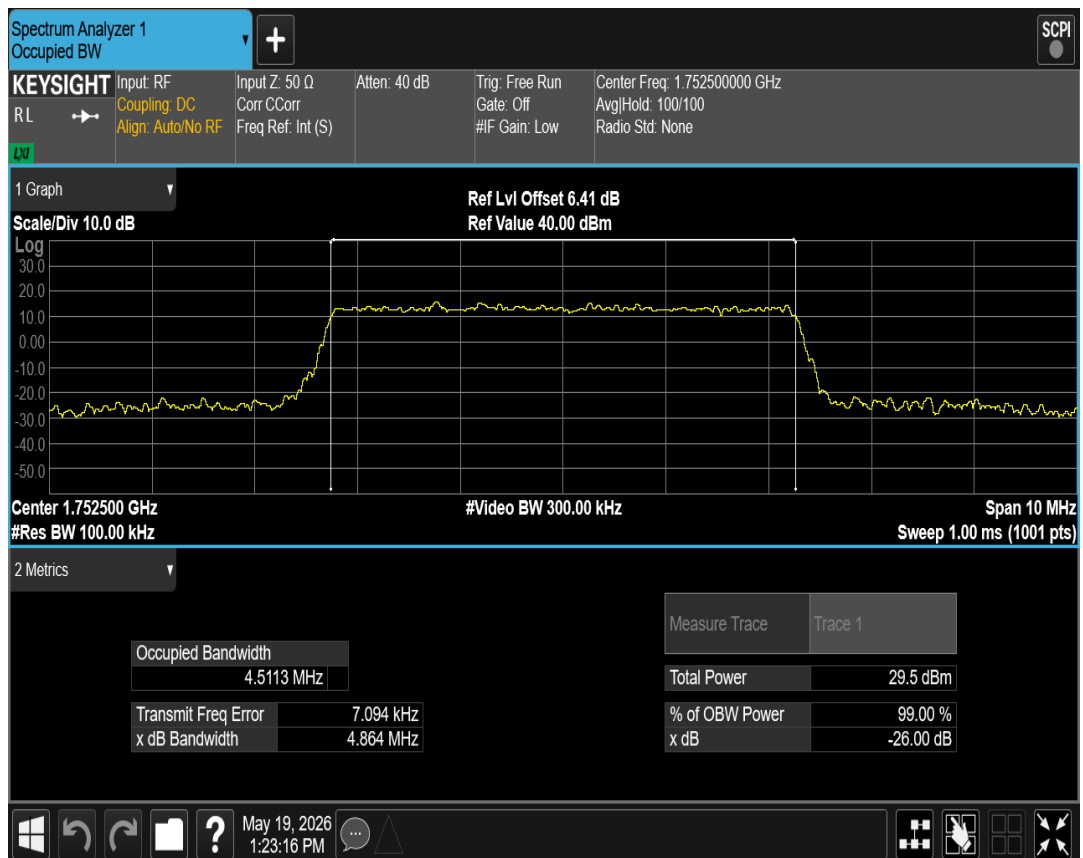


Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0

**Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0****Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0**



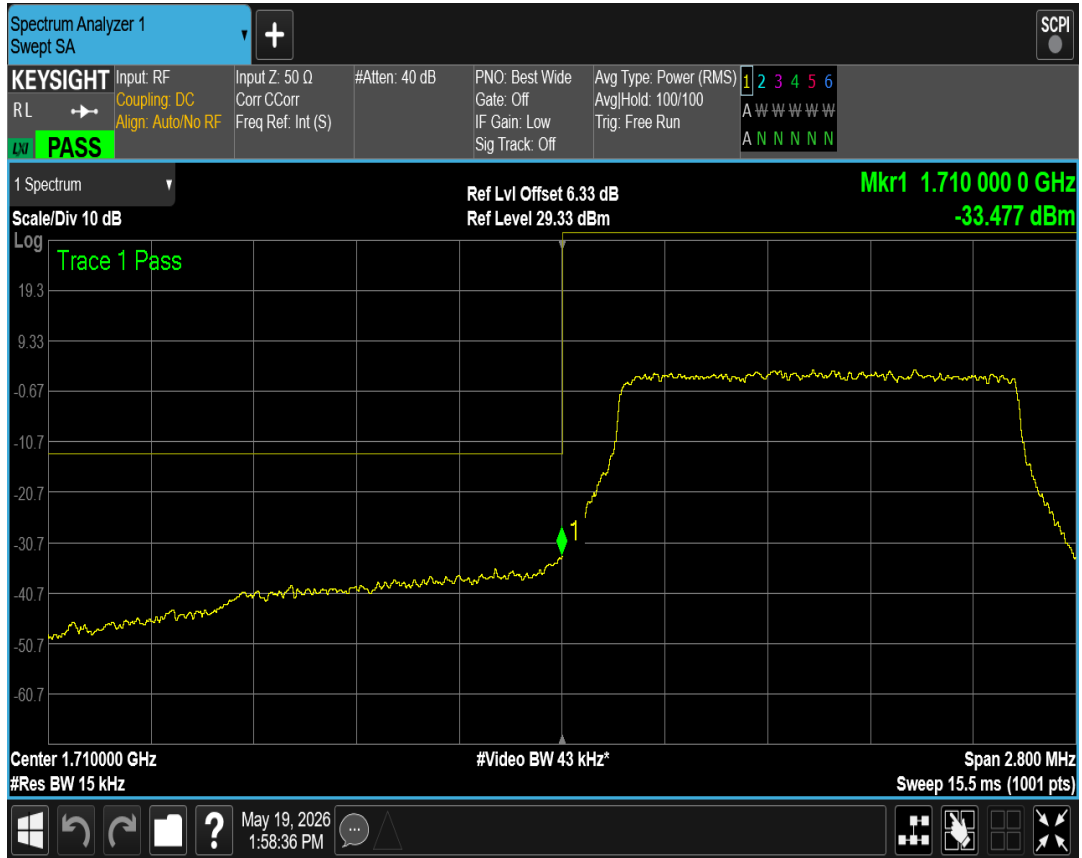
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



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	-32.87	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1710.00	-33.47	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-31.49	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.00	-32.81	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-33.85	-13	PASS
Band4	3	19965	15	#0	QAM16	1710.00	-34.24	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-33.44	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.02	-35.24	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-32.13	-13	PASS
Band4	5	19975	25	#0	QAM16	1710.00	-33.82	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.04	-33.01	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.00	-32.04	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-34.52	-13	PASS
Band4	10	20000	50	#0	QAM16	1710.00	-35.84	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.06	-34.28	-13	PASS
Band4	10	20350	50	#0	QAM16	1755.00	-34.21	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.67	-32.70	-13	PASS
Band4	15	20025	75	#0	QAM16	1709.64	-34.72	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.60	-32.69	-13	PASS
Band4	15	20325	75	#0	QAM16	1755.39	-35.70	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.88	-34.29	-13	PASS
Band4	20	20050	100	#0	QAM16	1709.92	-36.18	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.16	-34.92	-13	PASS
Band4	20	20300	100	#0	QAM16	1755.00	-36.57	-13	PASS

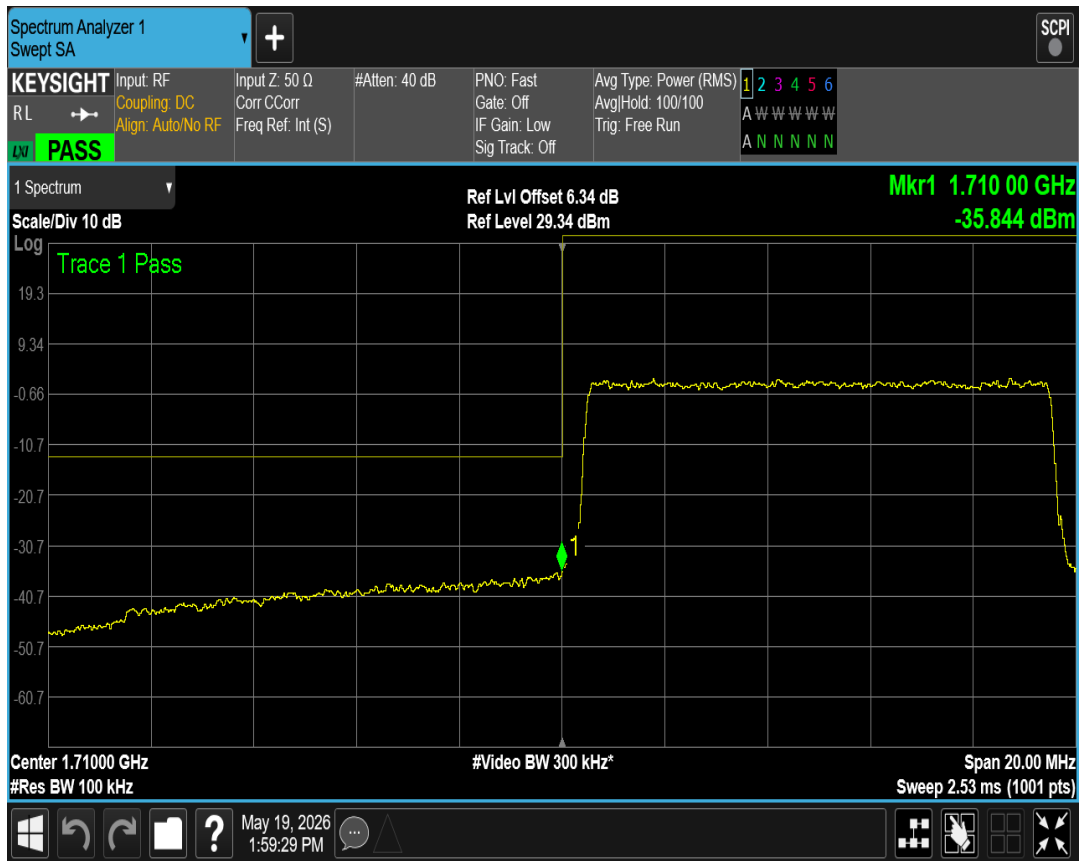
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



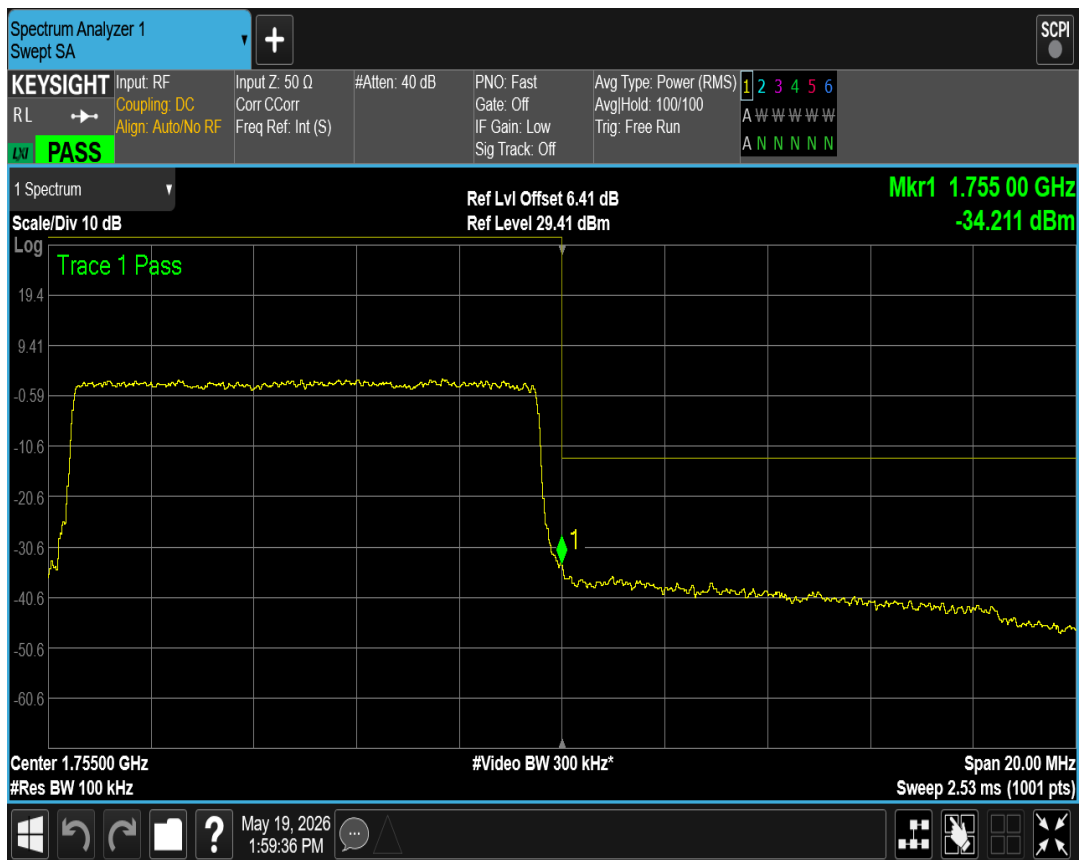
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



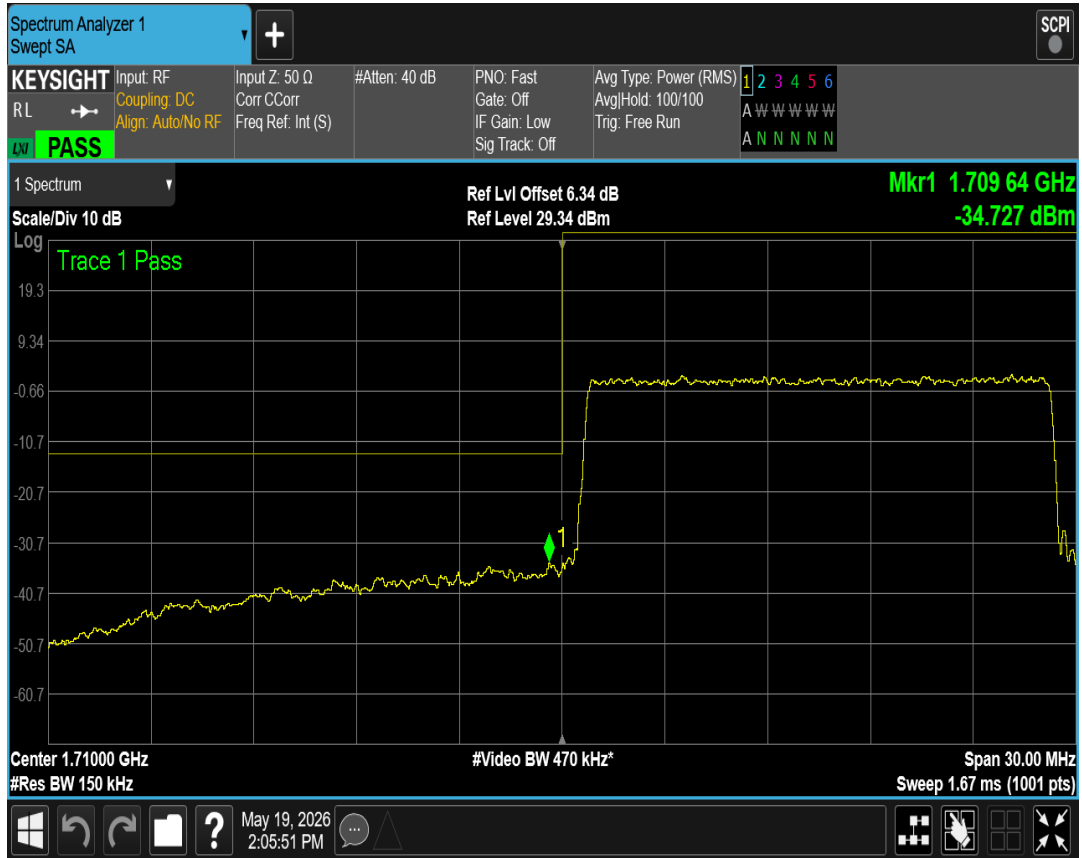
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



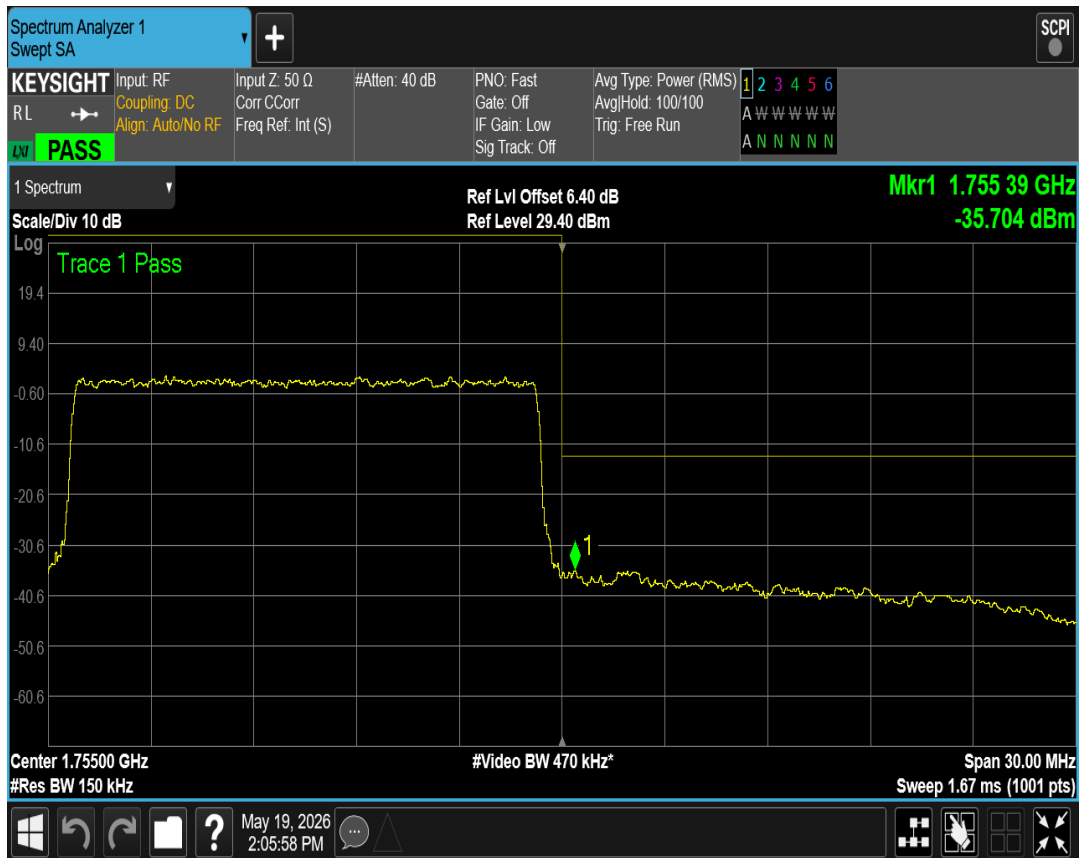
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



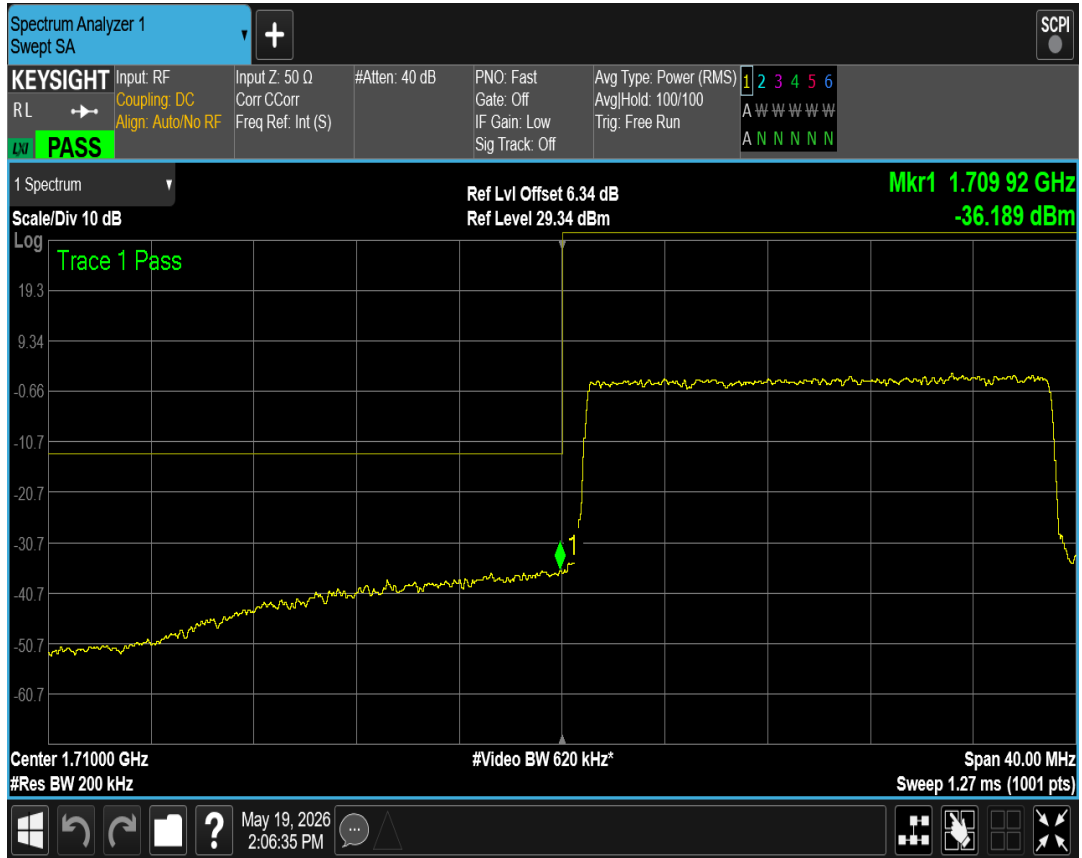
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



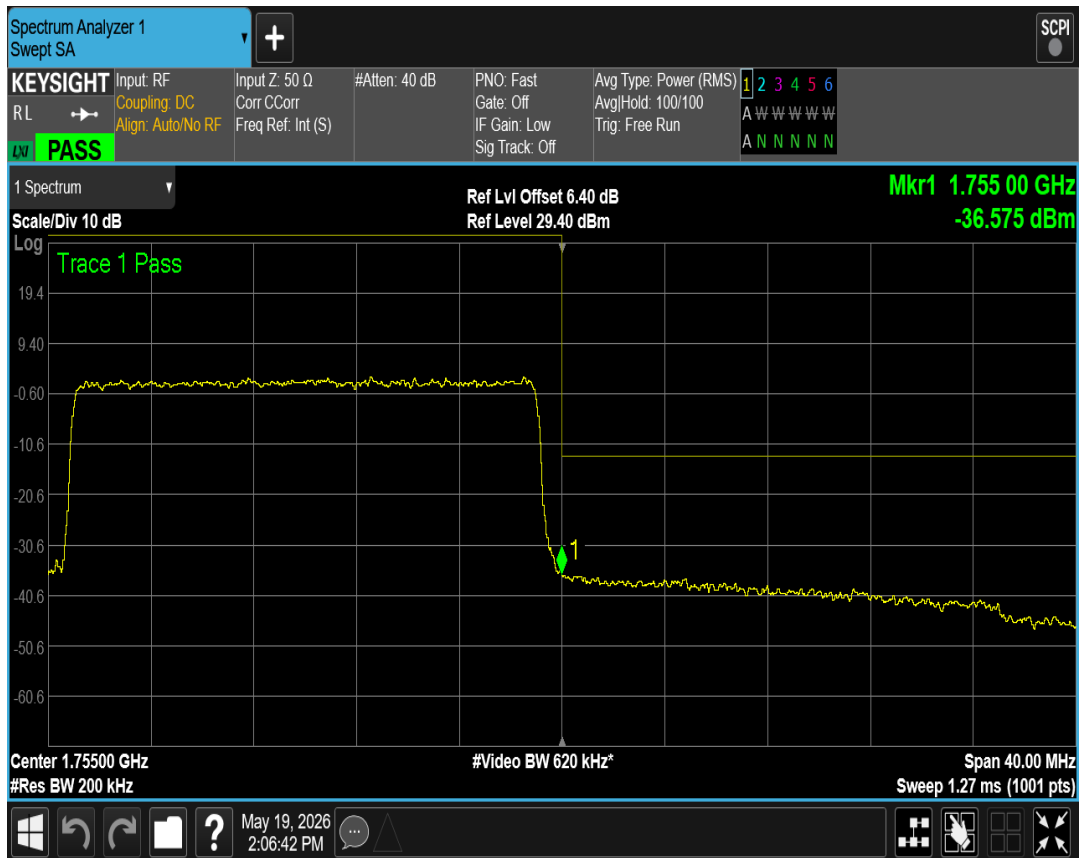
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



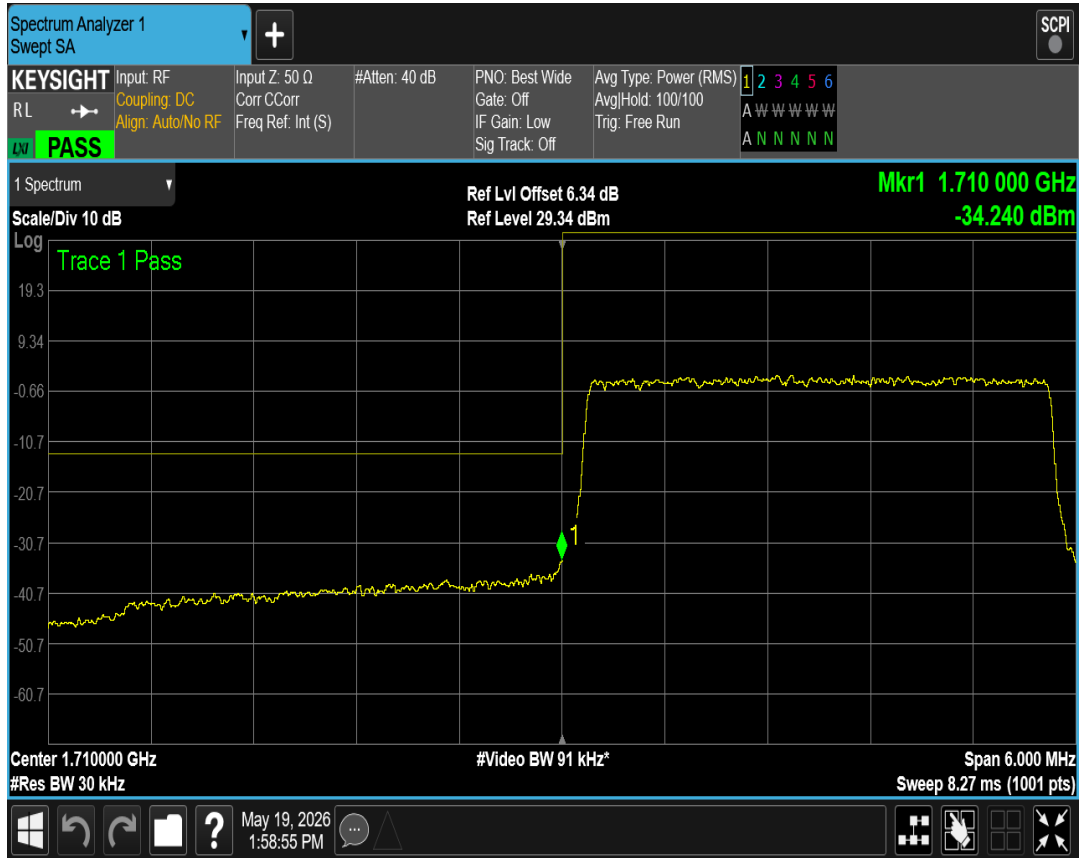
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



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



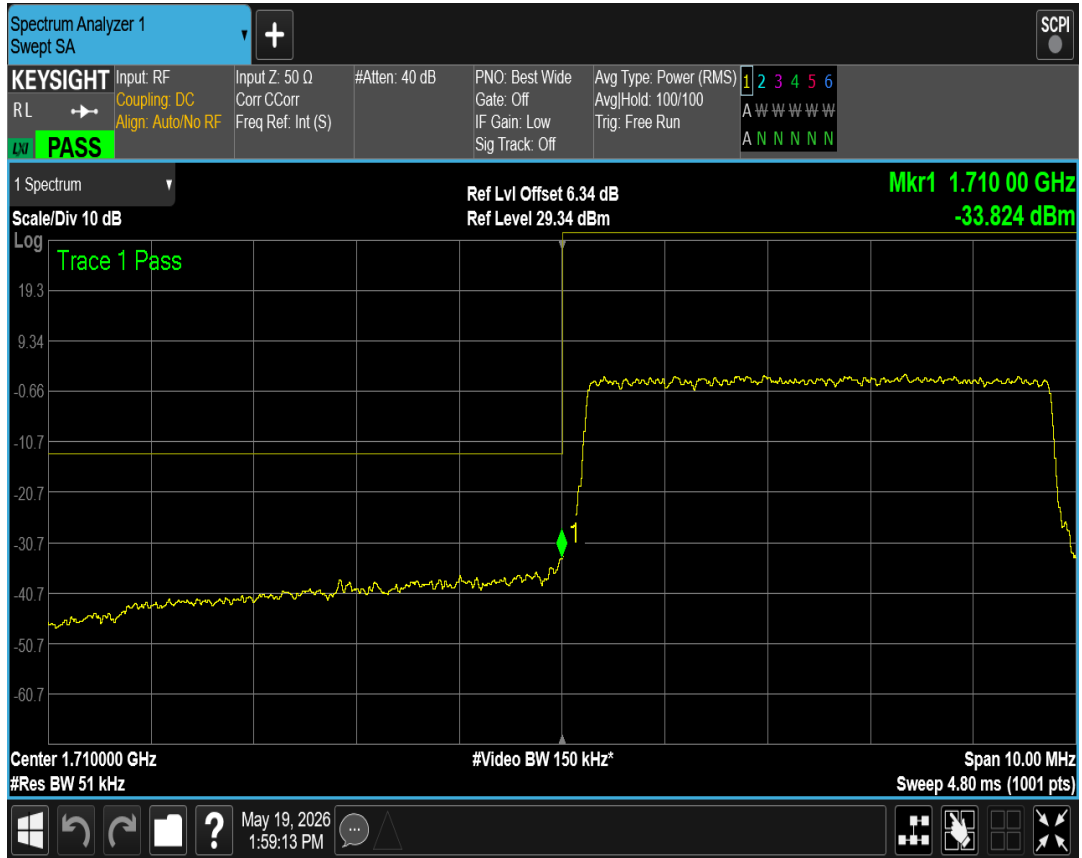
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



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



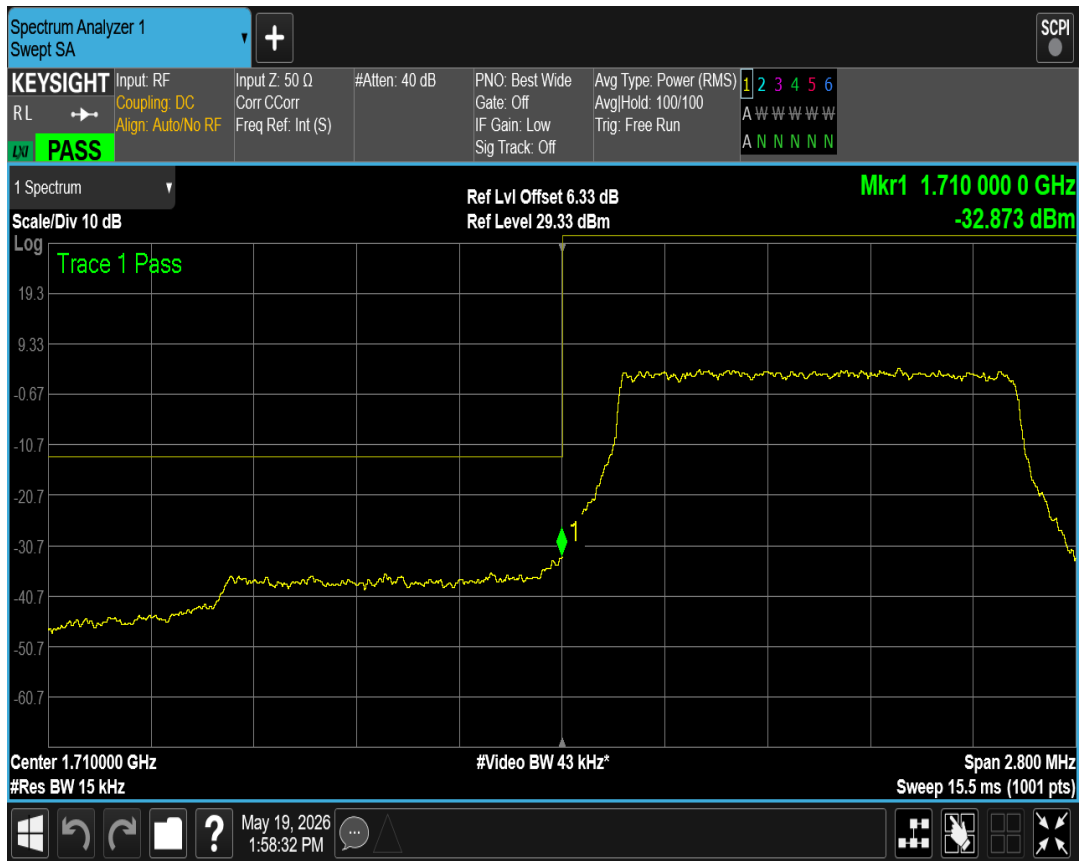
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



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



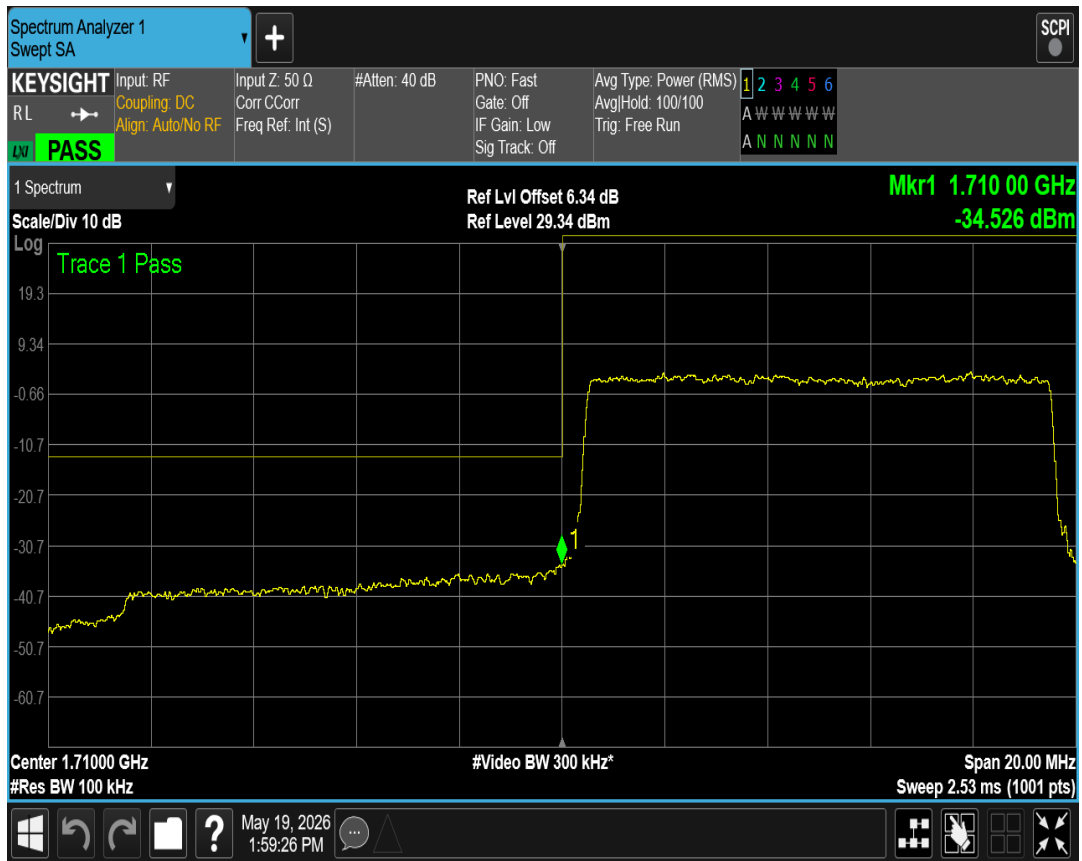
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



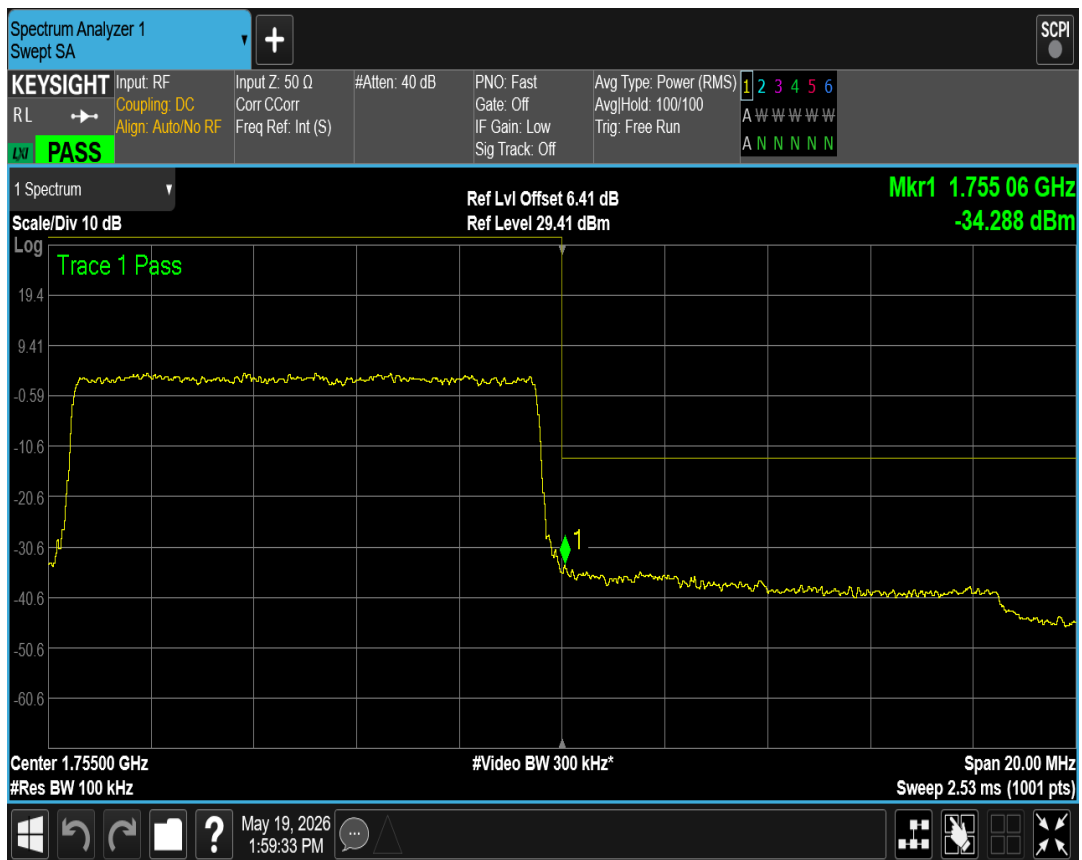
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



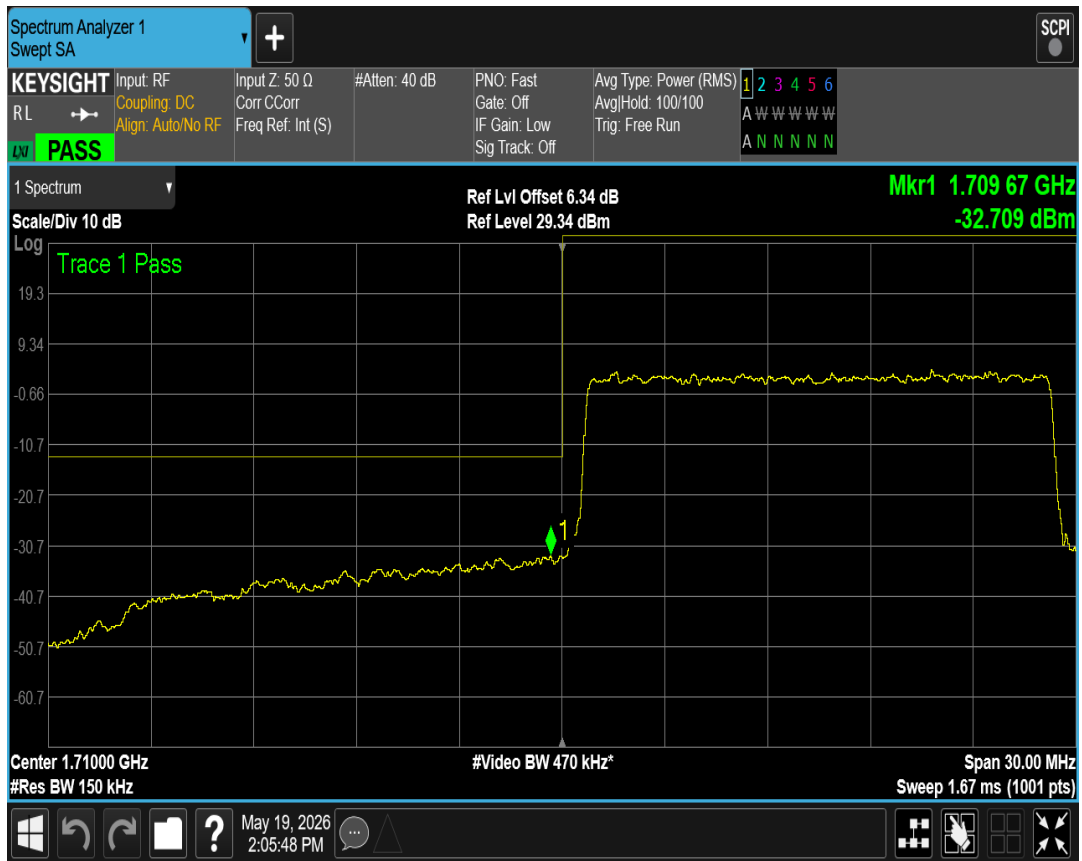
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



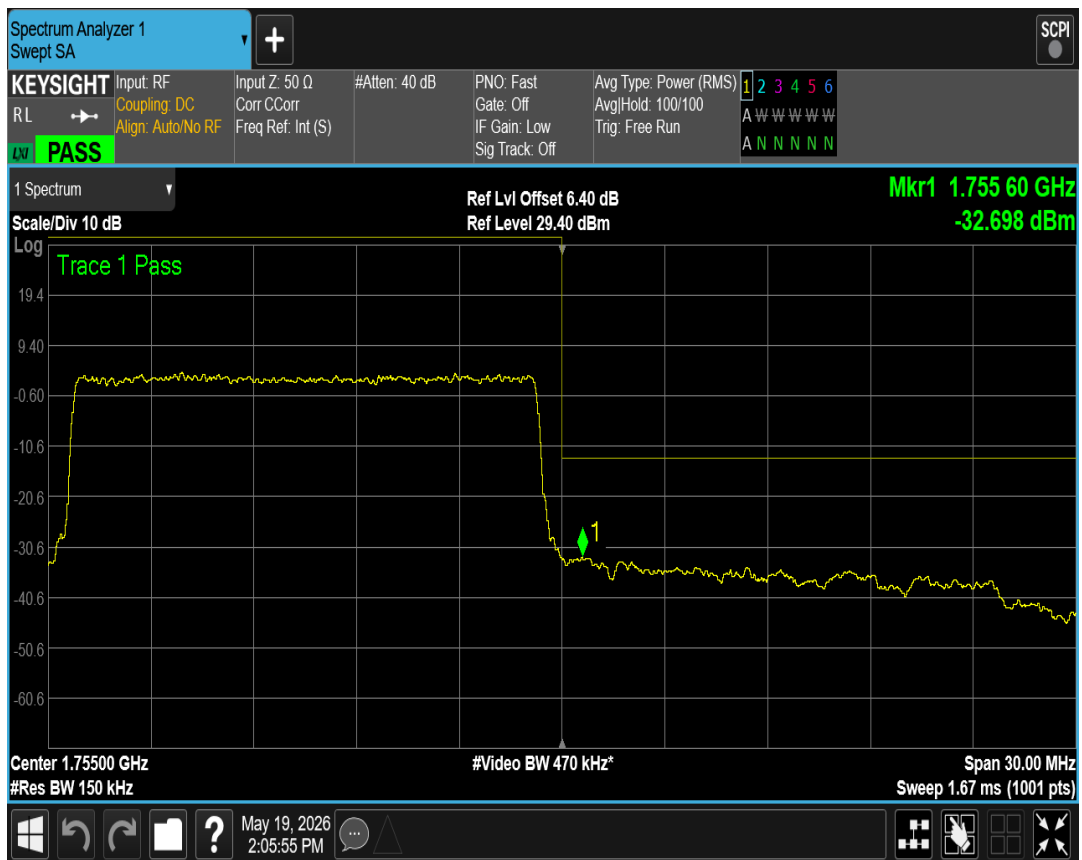
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



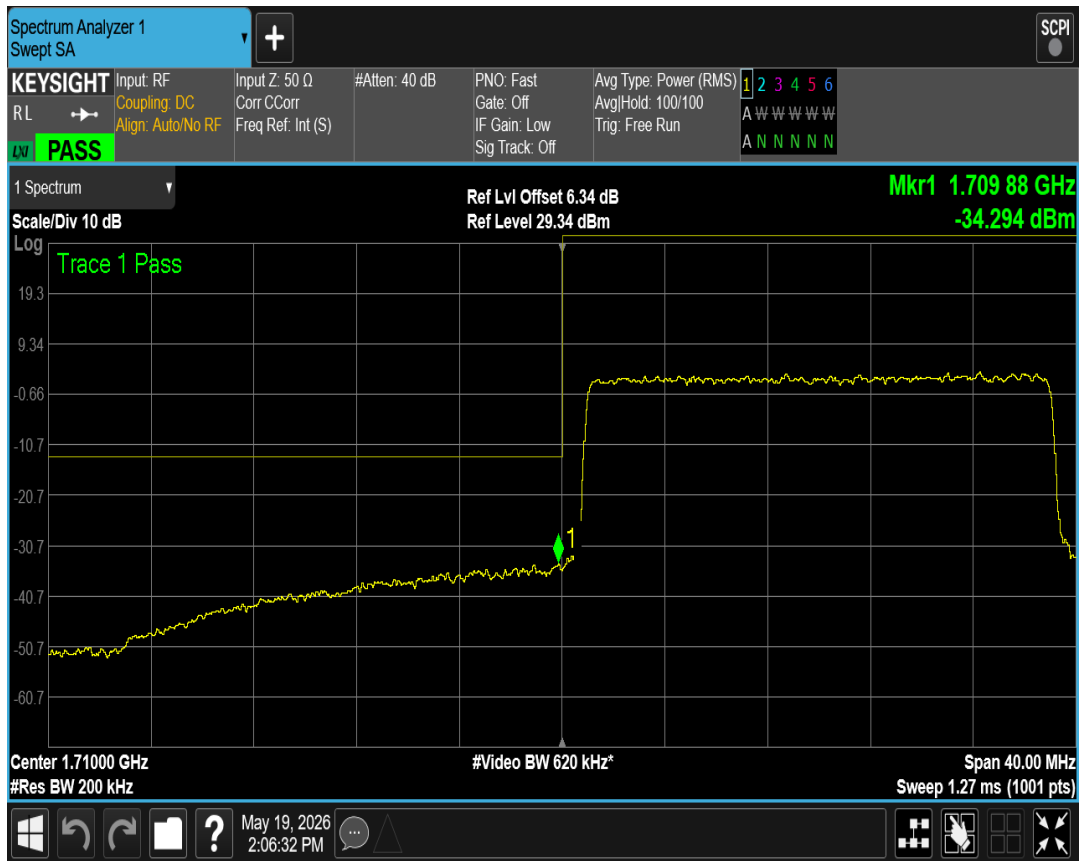
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



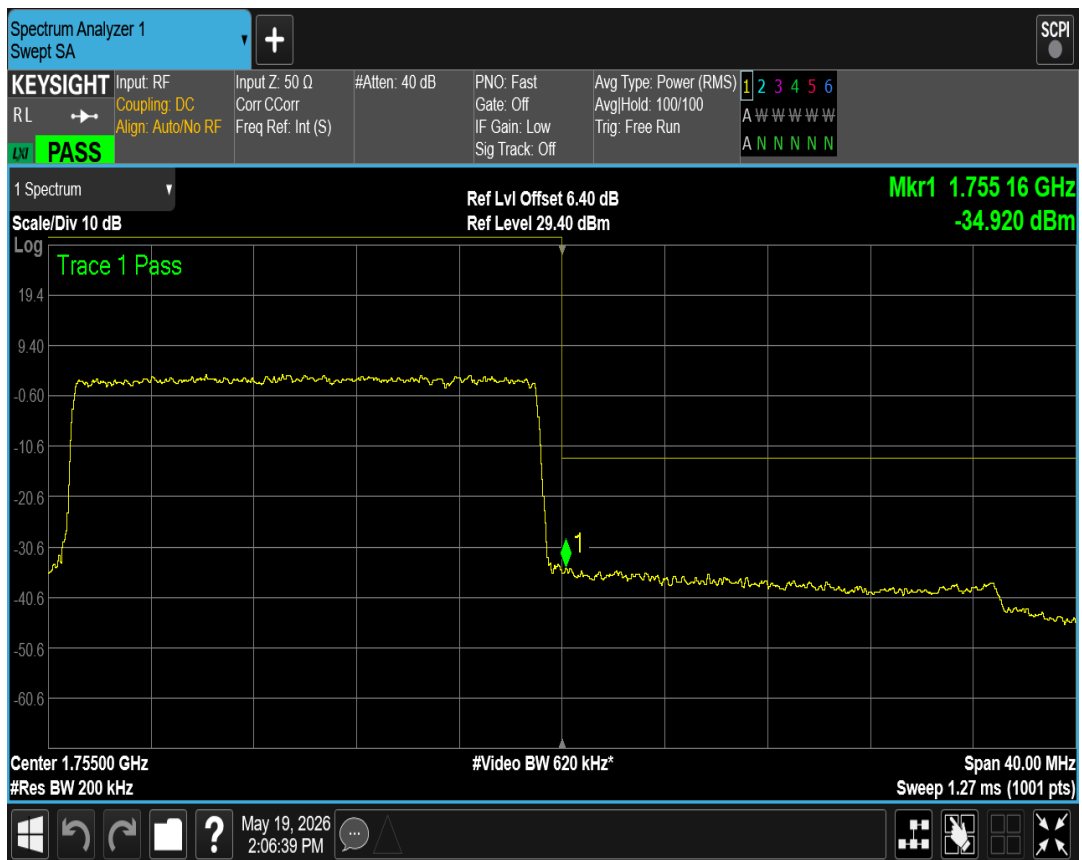
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



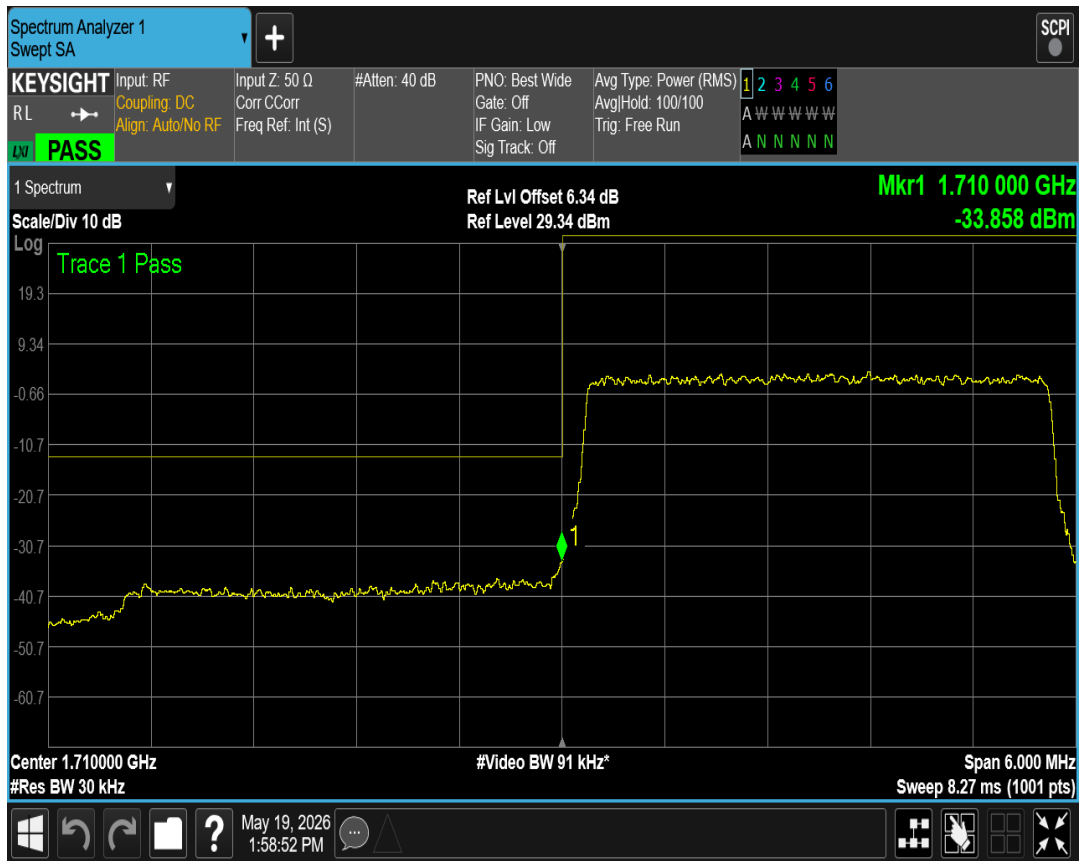
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



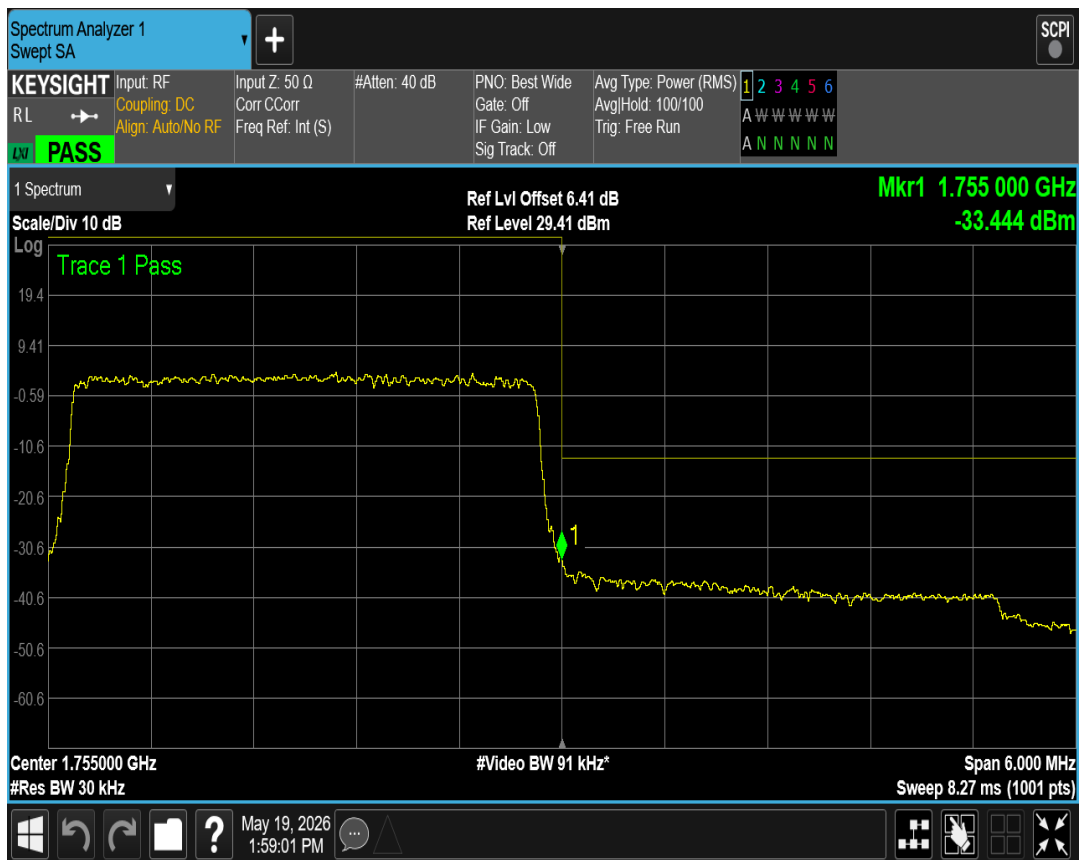
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



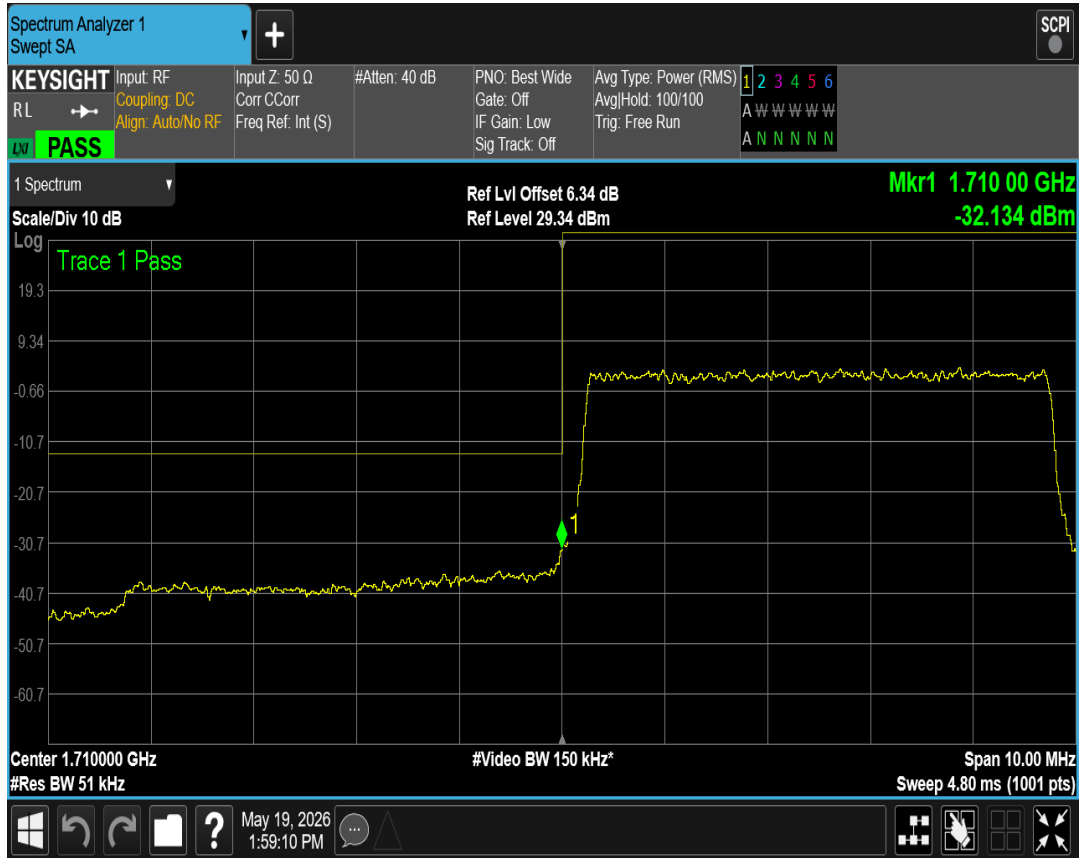
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



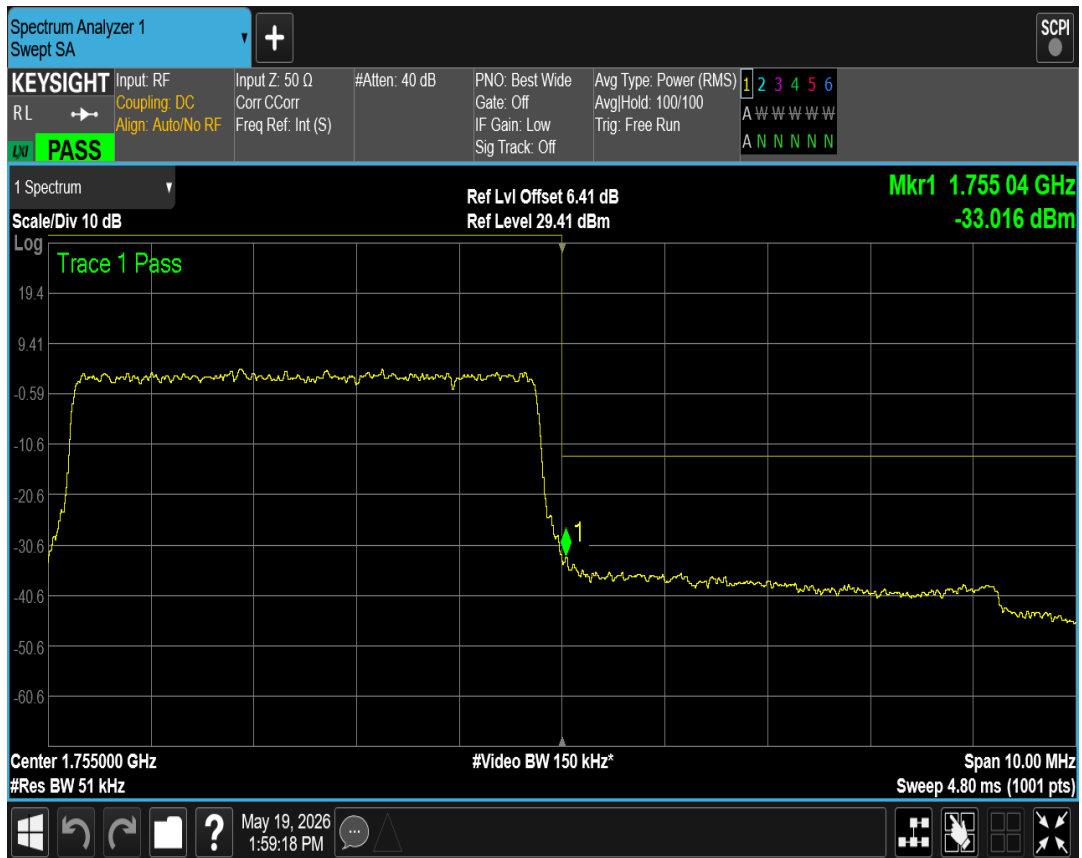
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



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



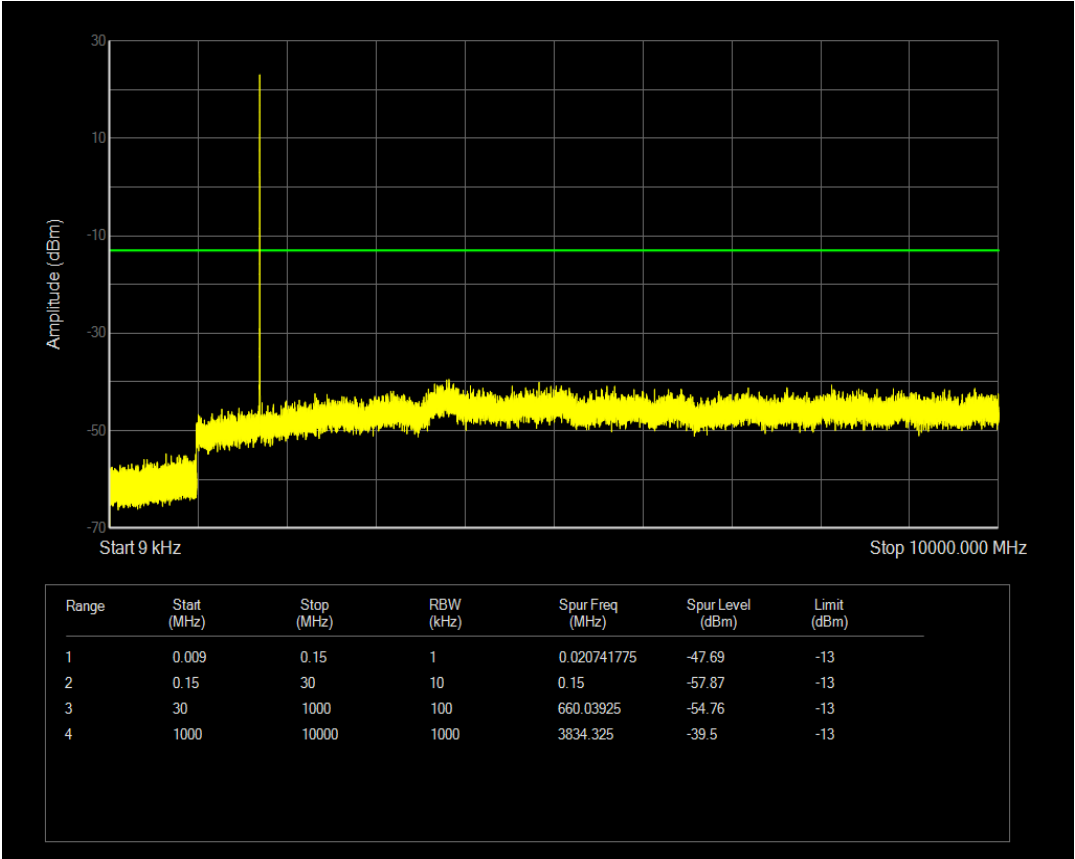
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



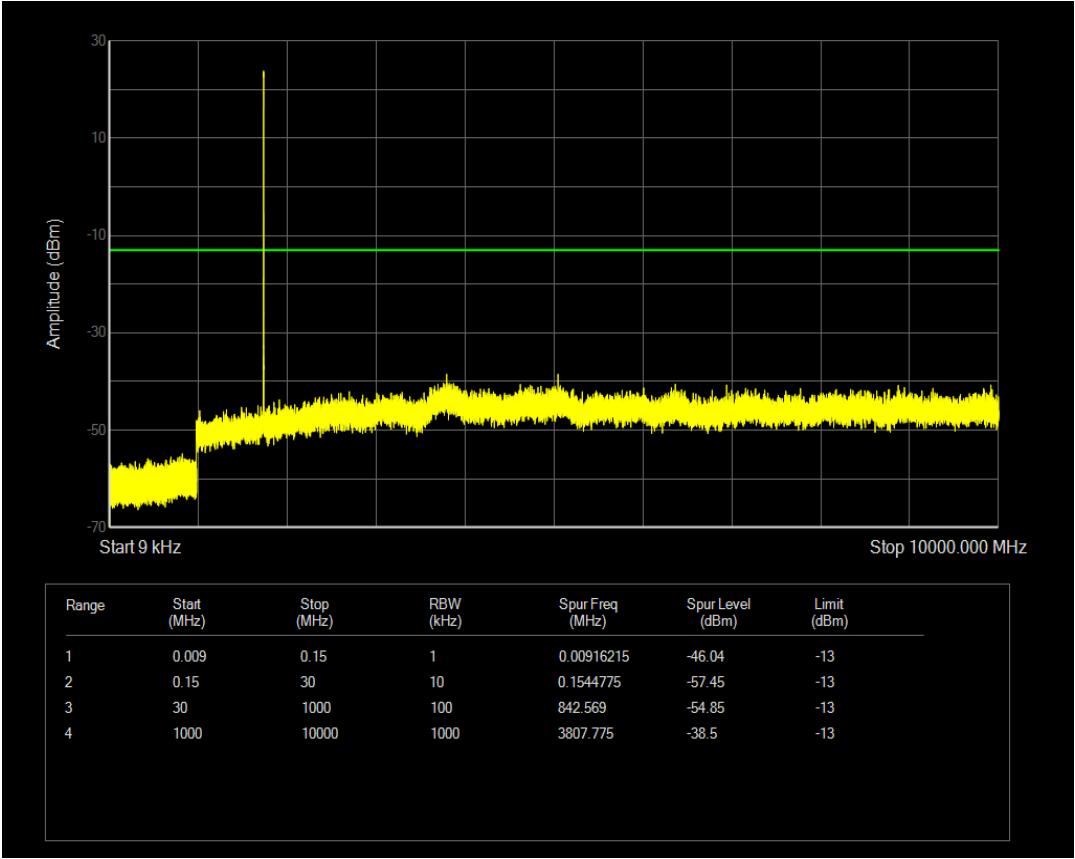
6 Out-of-band emissions

<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	5094.10	-39.39	-13	PASS
Band4	1.4	19957	6	#0	QAM16	3834.33	-39.50	-13	PASS
Band4	1.4	20393	6	#0	QPSK	3715.53	-39.41	-13	PASS
Band4	1.4	20393	6	#0	QAM16	3807.78	-38.50	-13	PASS
Band4	3	19965	15	#0	QPSK	3840.63	-39.67	-13	PASS
Band4	3	19965	15	#0	QAM16	3743.20	-39.96	-13	PASS
Band4	3	20385	15	#0	QPSK	3915.78	-39.90	-13	PASS
Band4	3	20385	15	#0	QAM16	5026.15	-39.74	-13	PASS
Band4	5	19975	25	#0	QPSK	3754.23	-39.89	-13	PASS
Band4	5	19975	25	#0	QAM16	3606.63	-39.72	-13	PASS
Band4	5	20375	25	#0	QPSK	3818.35	-38.96	-13	PASS
Band4	5	20375	25	#0	QAM16	3748.60	-39.01	-13	PASS
Band4	10	20000	50	#0	QPSK	7169.95	-39.59	-13	PASS
Band4	10	20000	50	#0	QAM16	3826.00	-38.63	-13	PASS
Band4	10	20350	50	#0	QPSK	3773.80	-39.93	-13	PASS
Band4	10	20350	50	#0	QAM16	5111.65	-39.01	-13	PASS
Band4	15	20025	75	#0	QPSK	5066.43	-39.46	-13	PASS
Band4	15	20025	75	#0	QAM16	7455.25	-39.16	-13	PASS
Band4	15	20325	75	#0	QPSK	5083.53	-39.11	-13	PASS
Band4	15	20325	75	#0	QAM16	3817.45	-39.71	-13	PASS
Band4	20	20050	100	#0	QPSK	3843.55	-39.15	-13	PASS
Band4	20	20050	100	#0	QAM16	3738.70	-39.96	-13	PASS
Band4	20	20300	100	#0	QPSK	3768.18	-39.46	-13	PASS
Band4	20	20300	100	#0	QAM16	3860.65	-39.76	-13	PASS

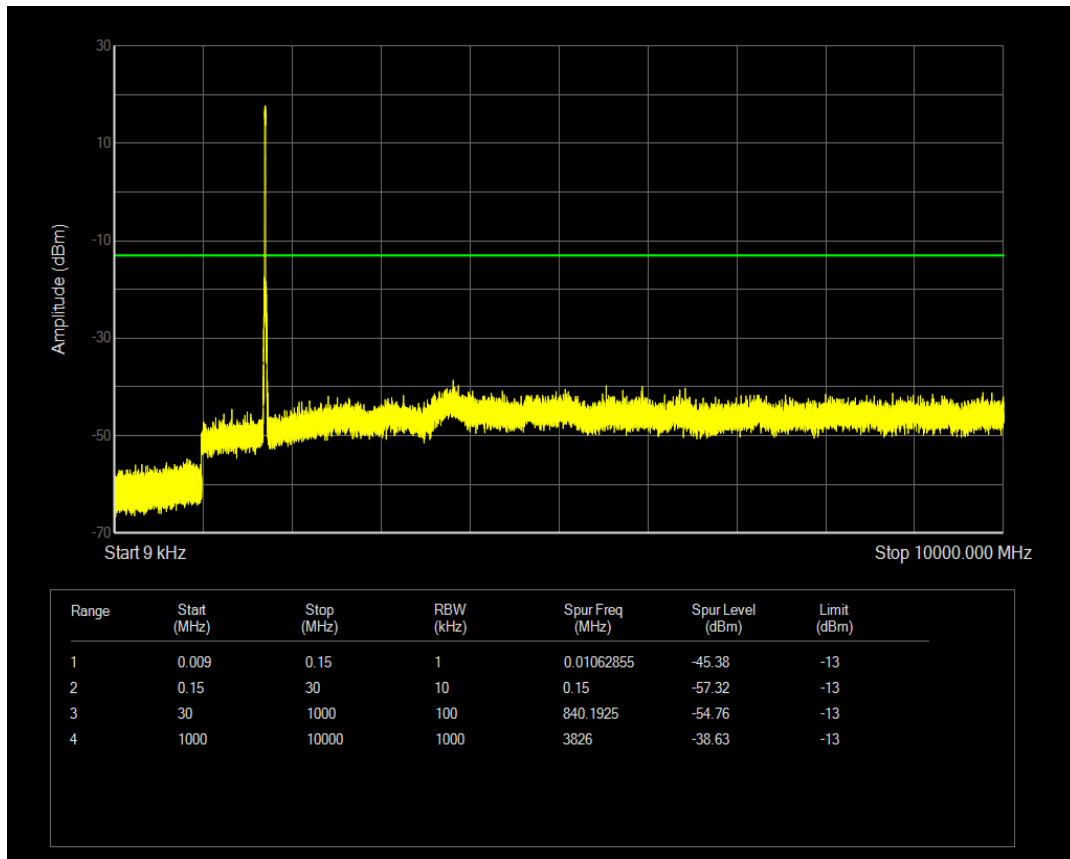
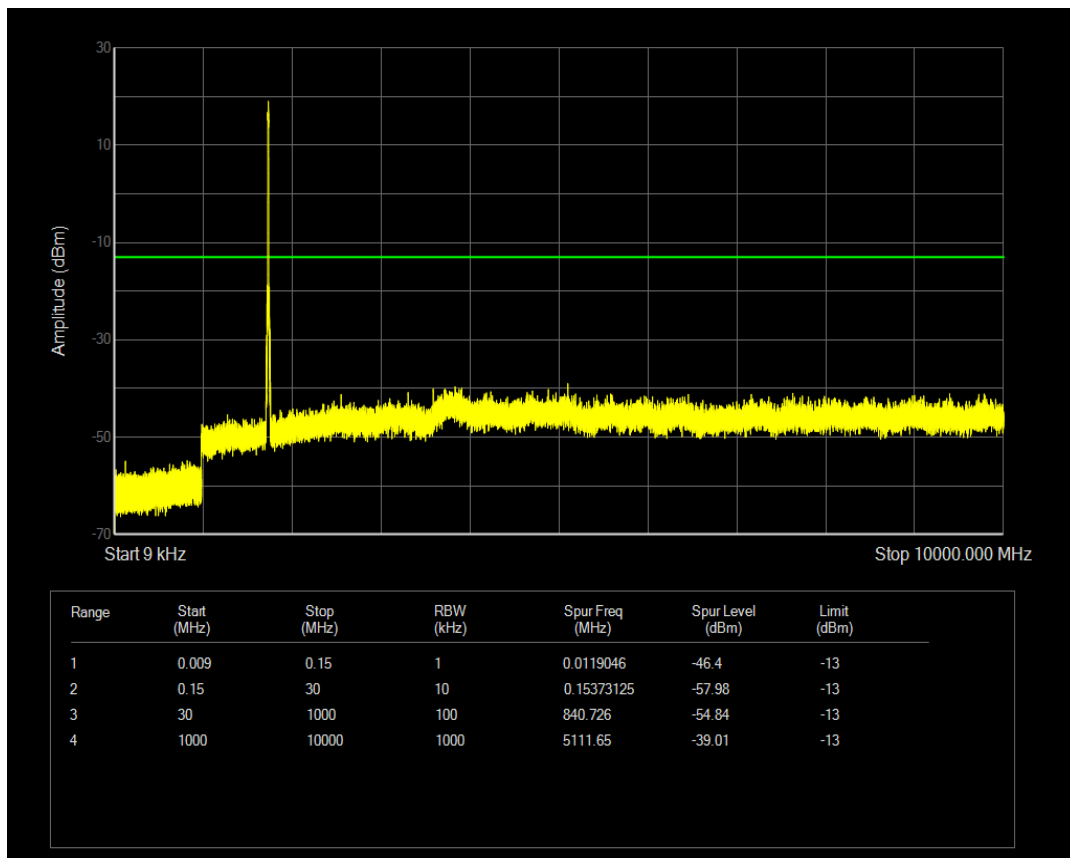
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0

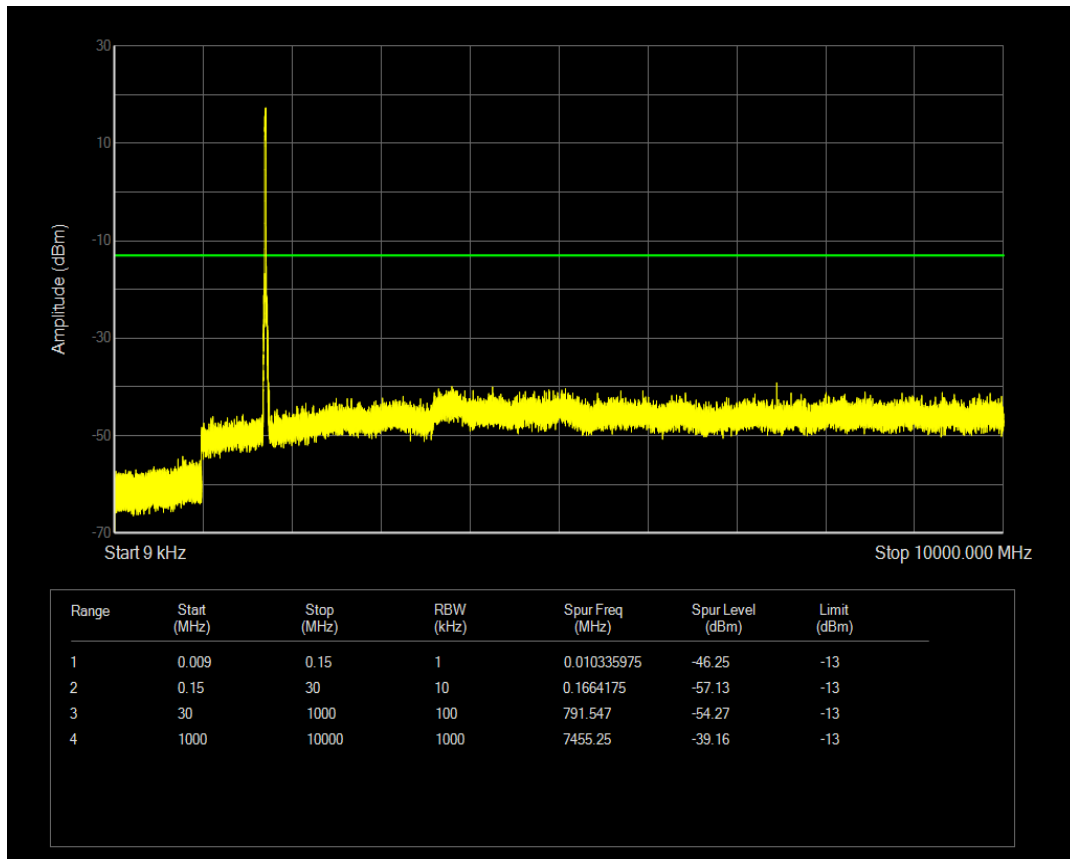
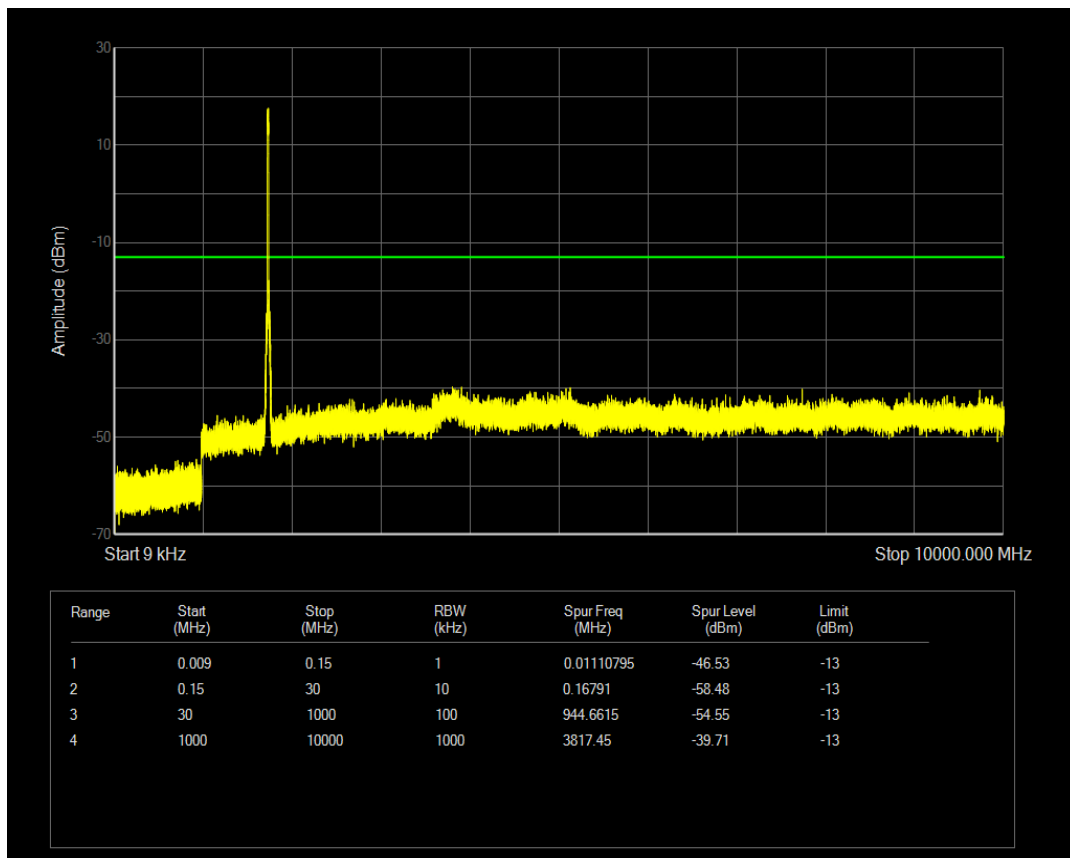


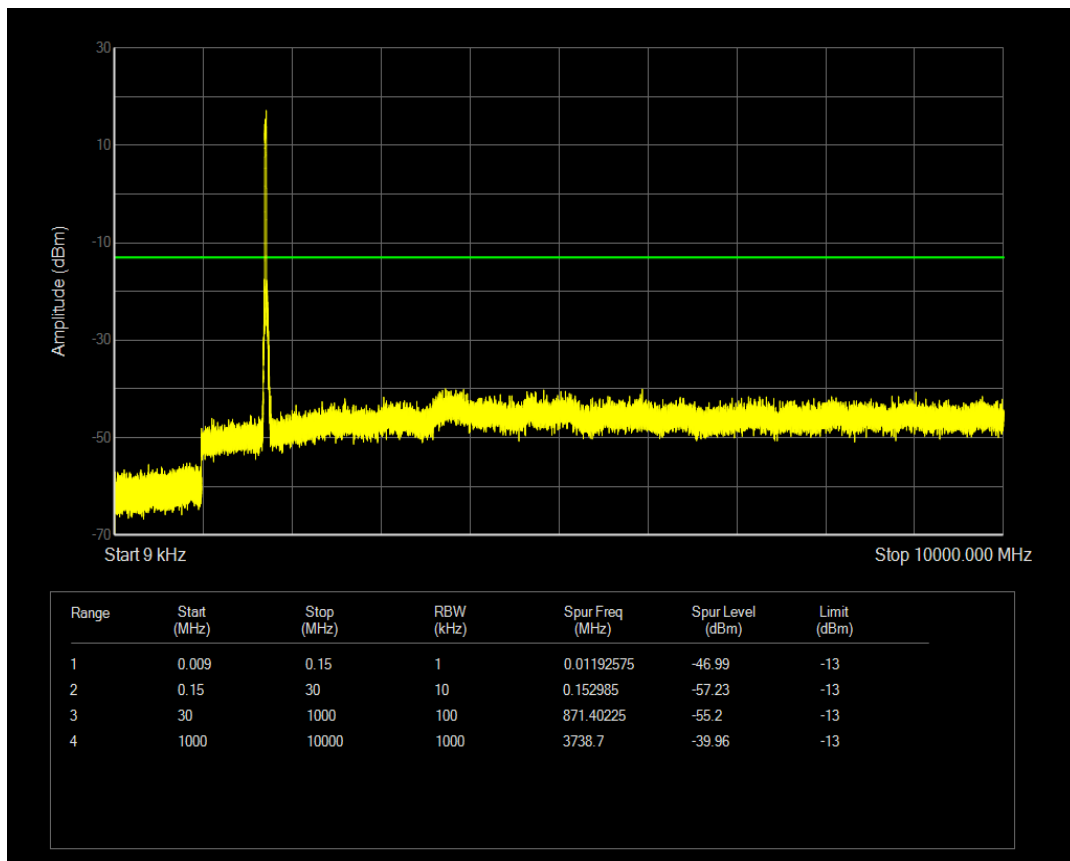
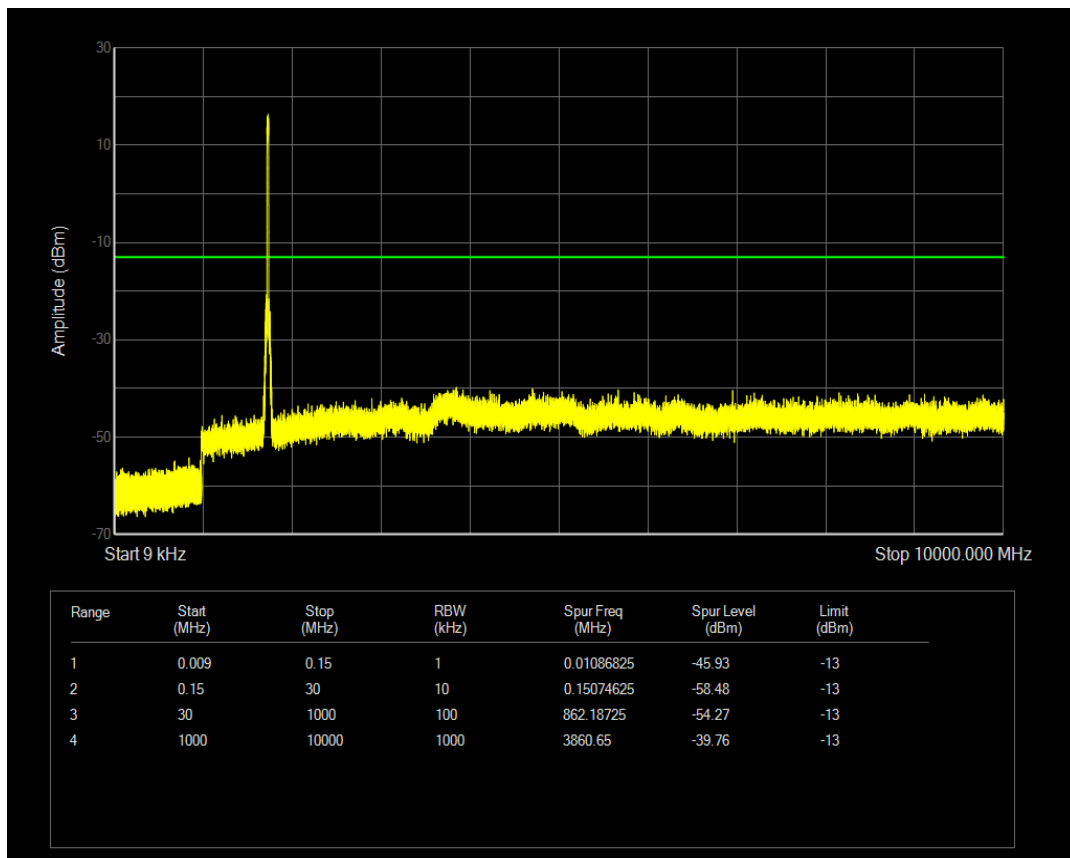
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0

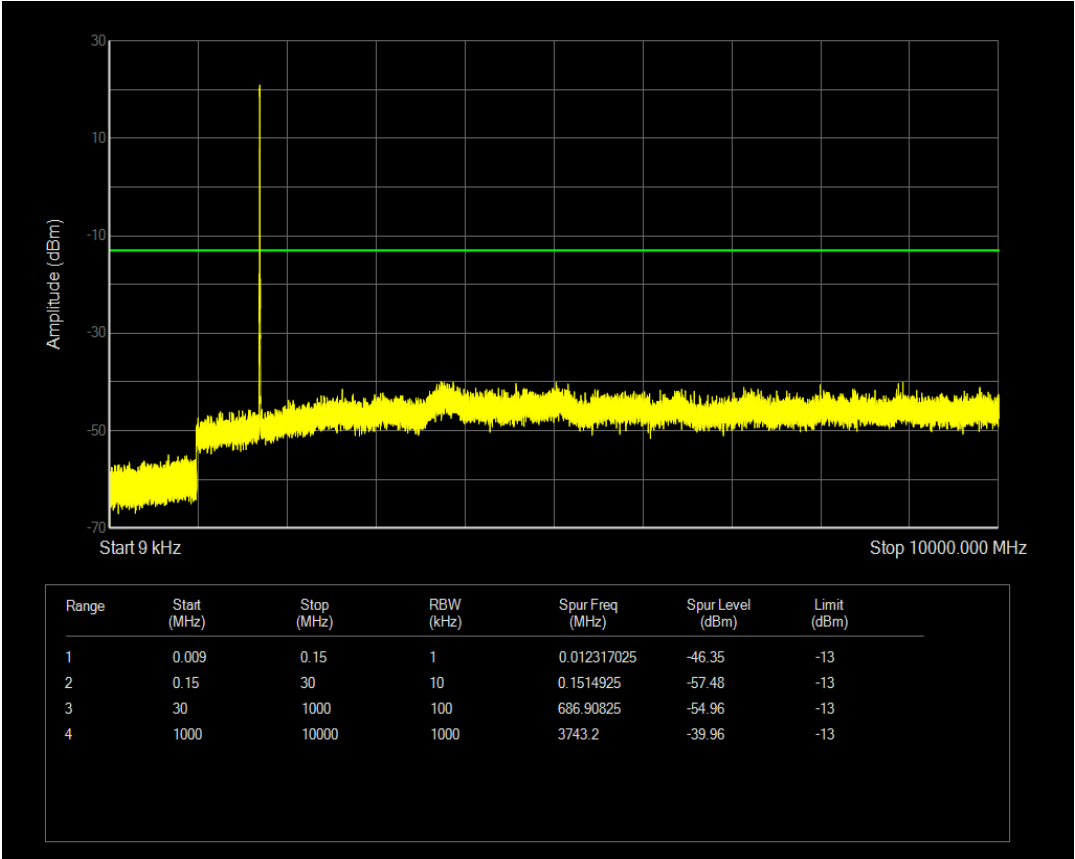


Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0

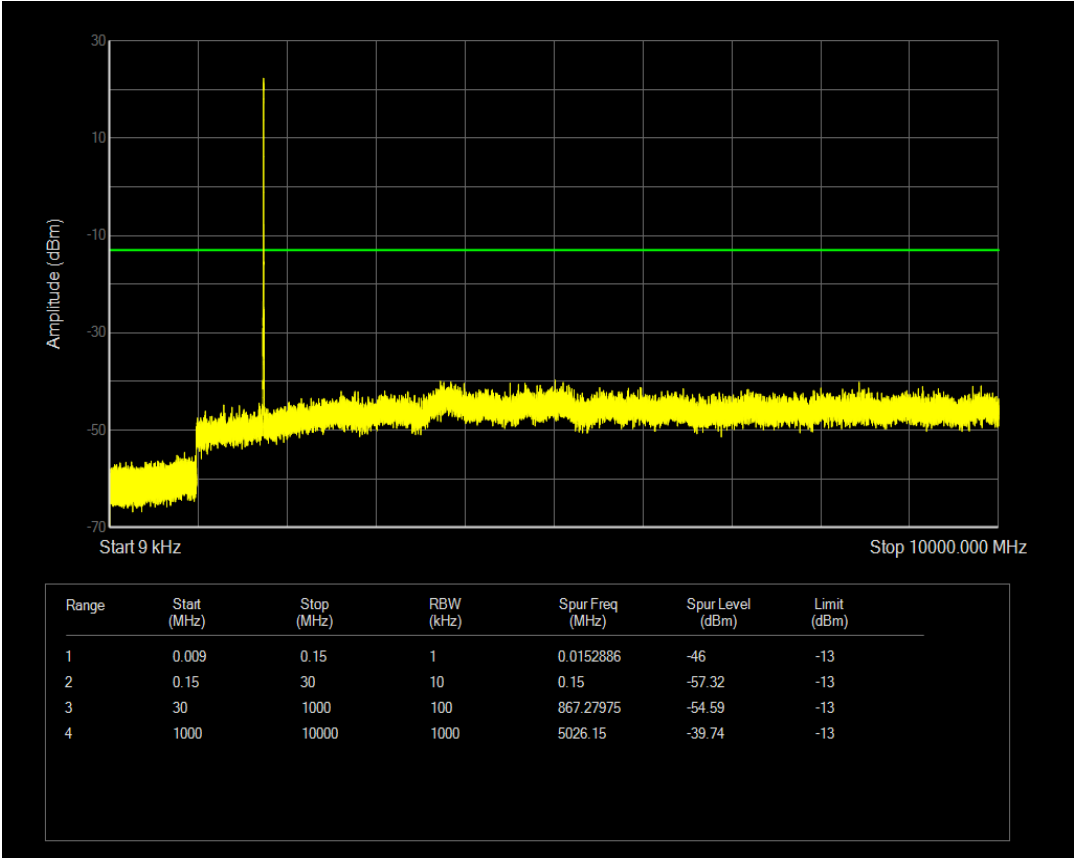
**Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0****Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0**

**Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0****Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0**

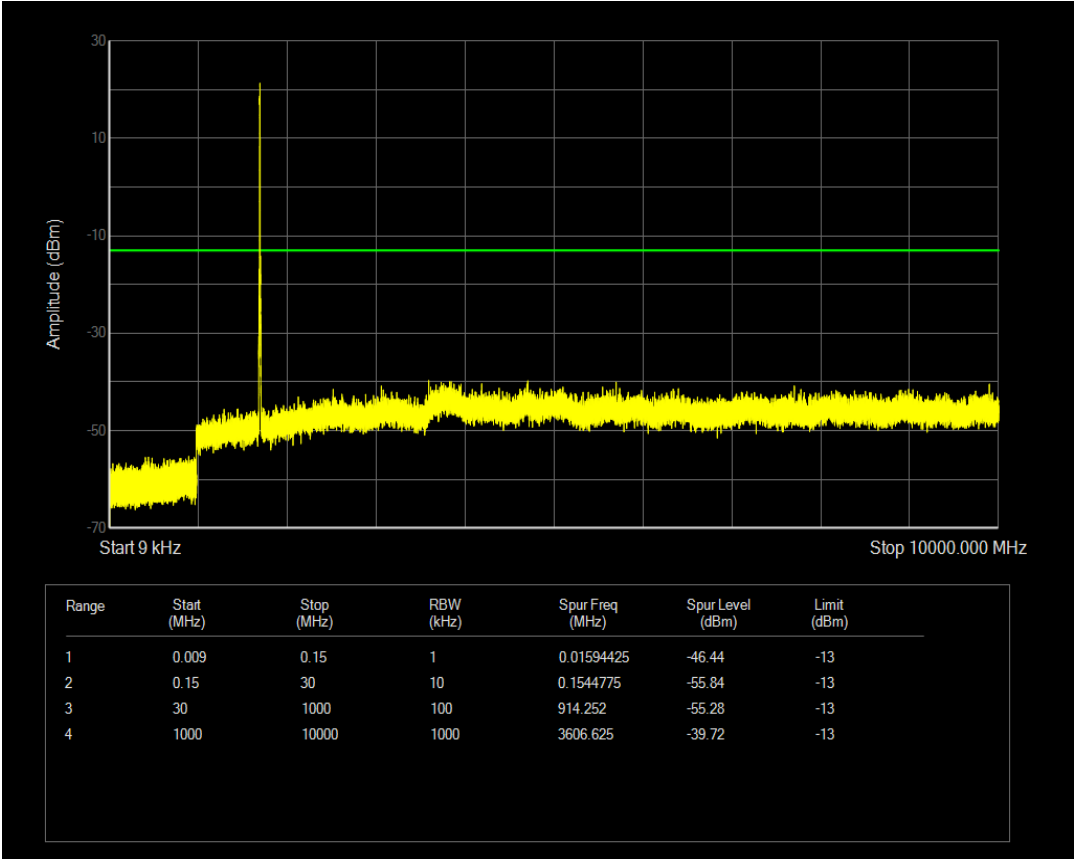
**Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0****Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0**



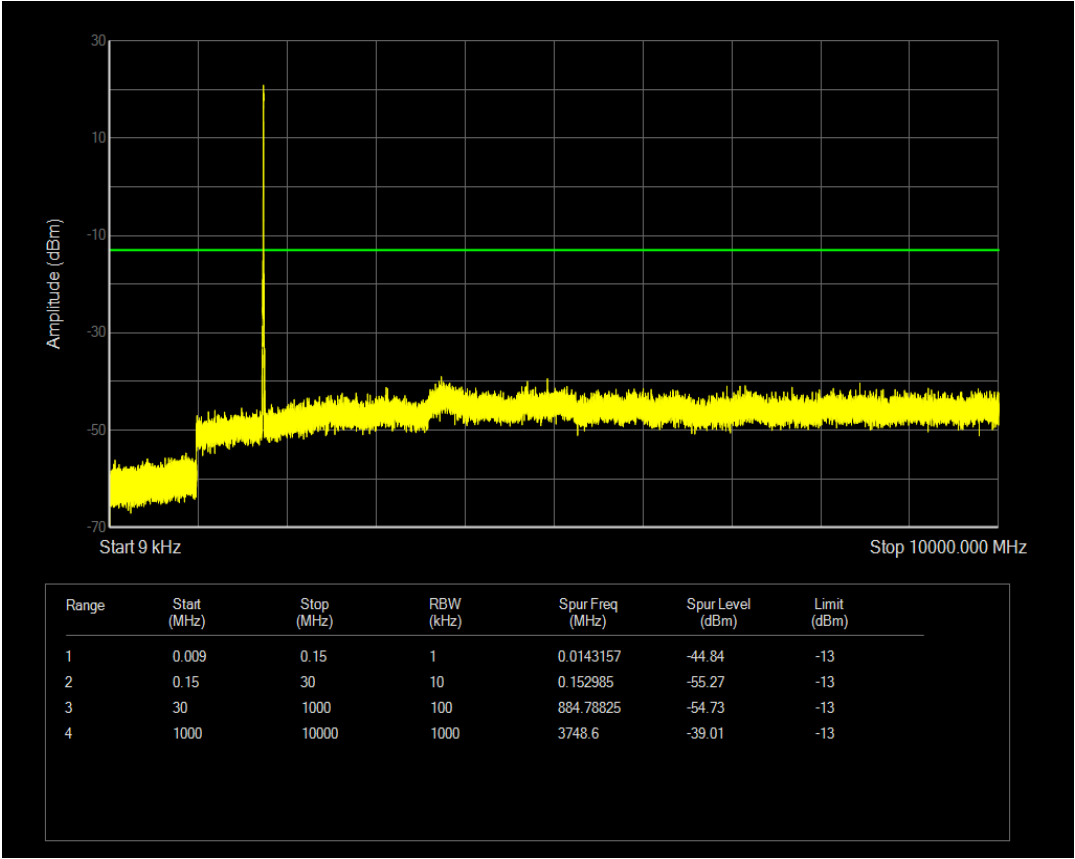
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



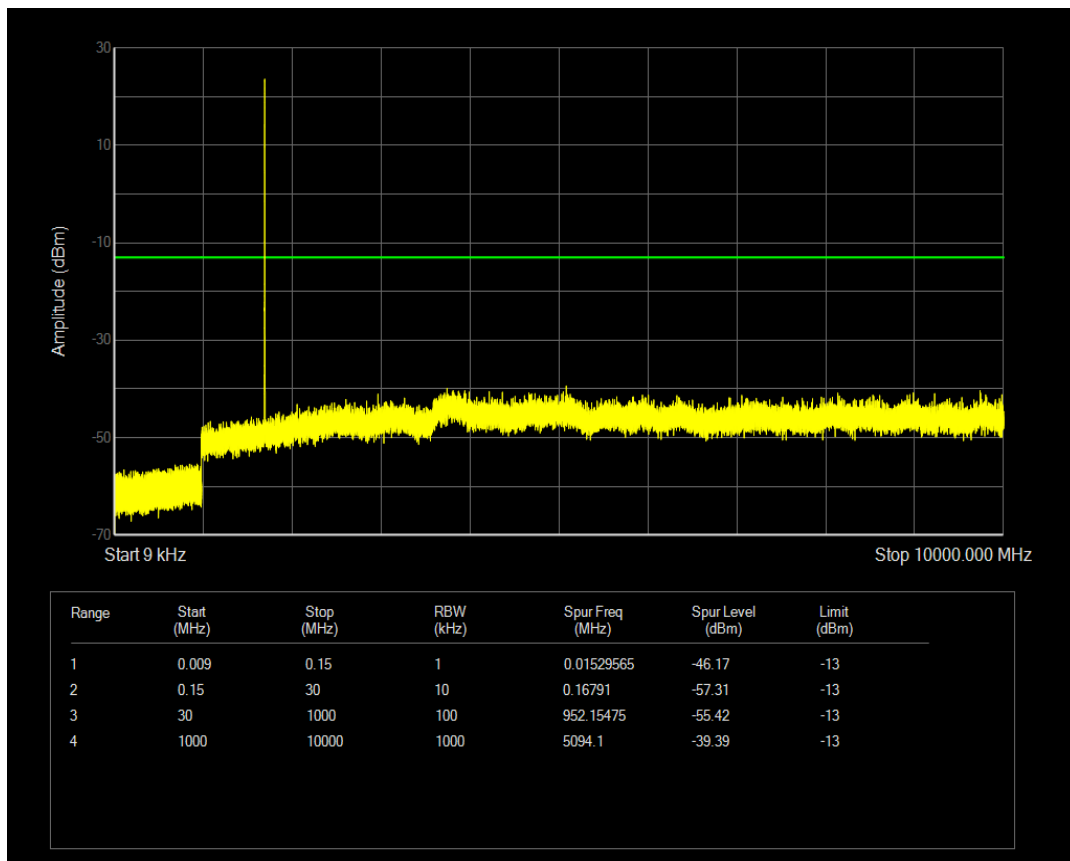
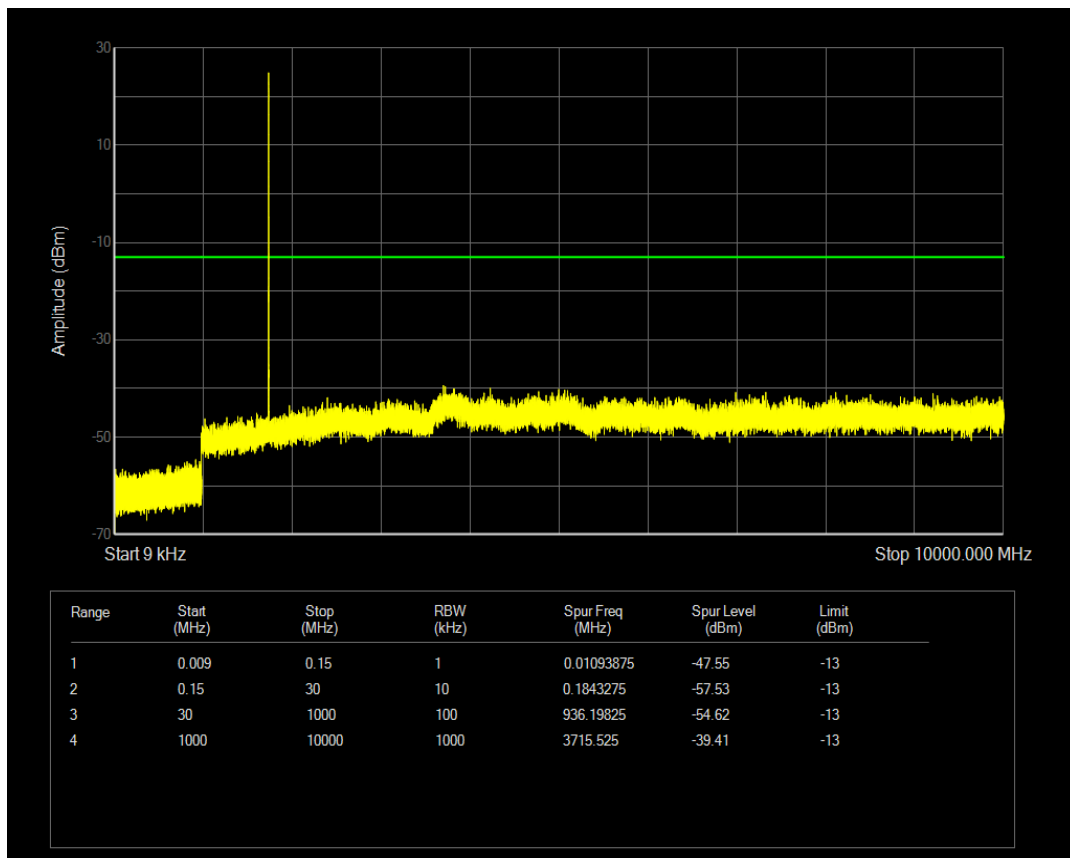
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0

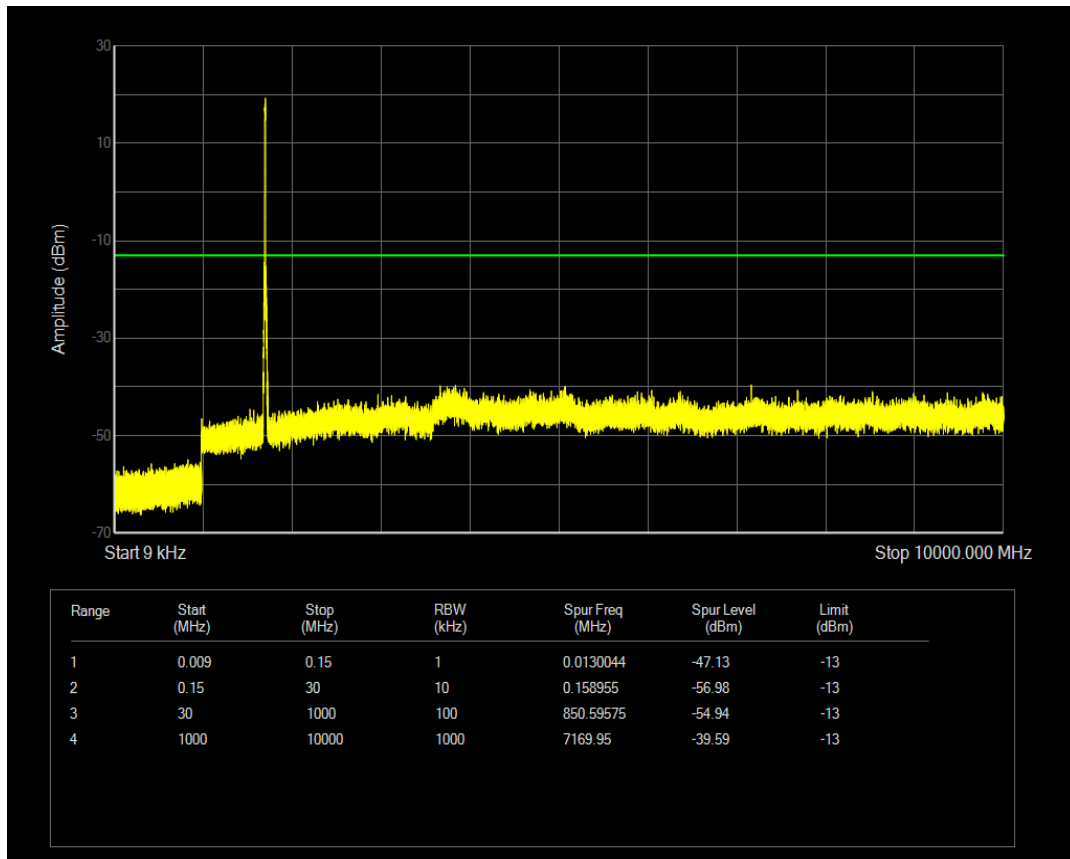
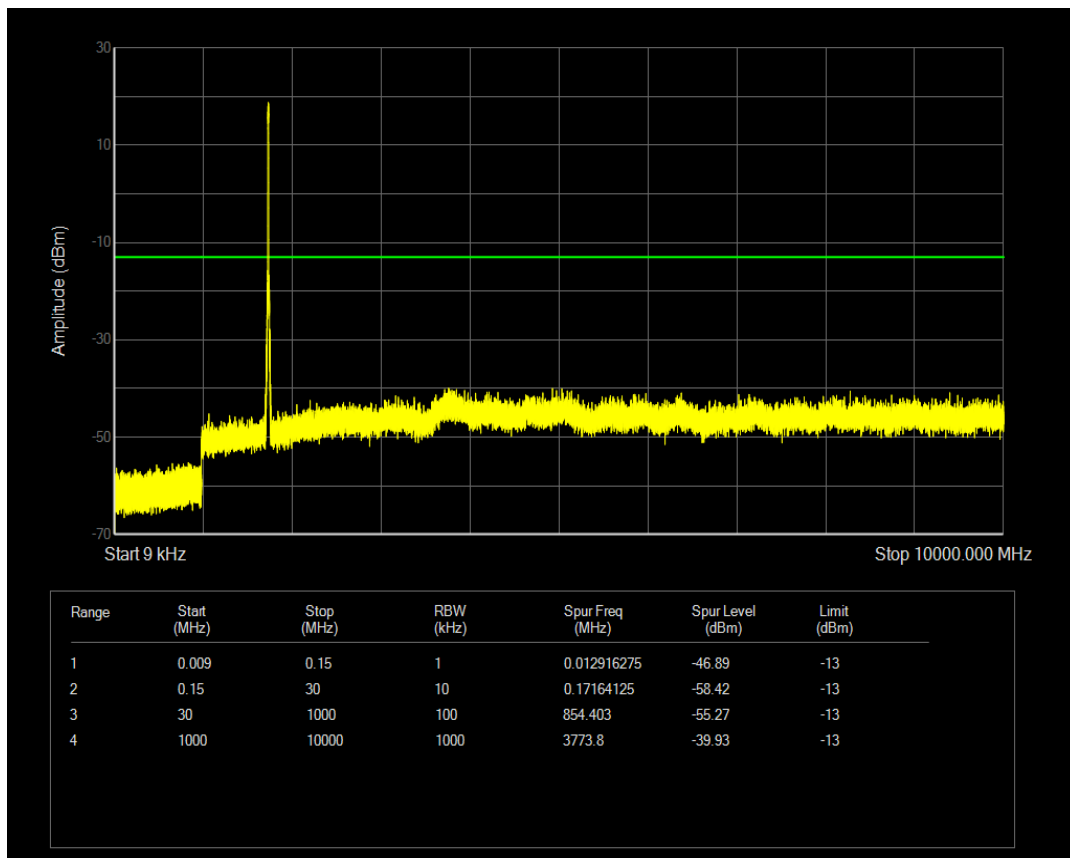


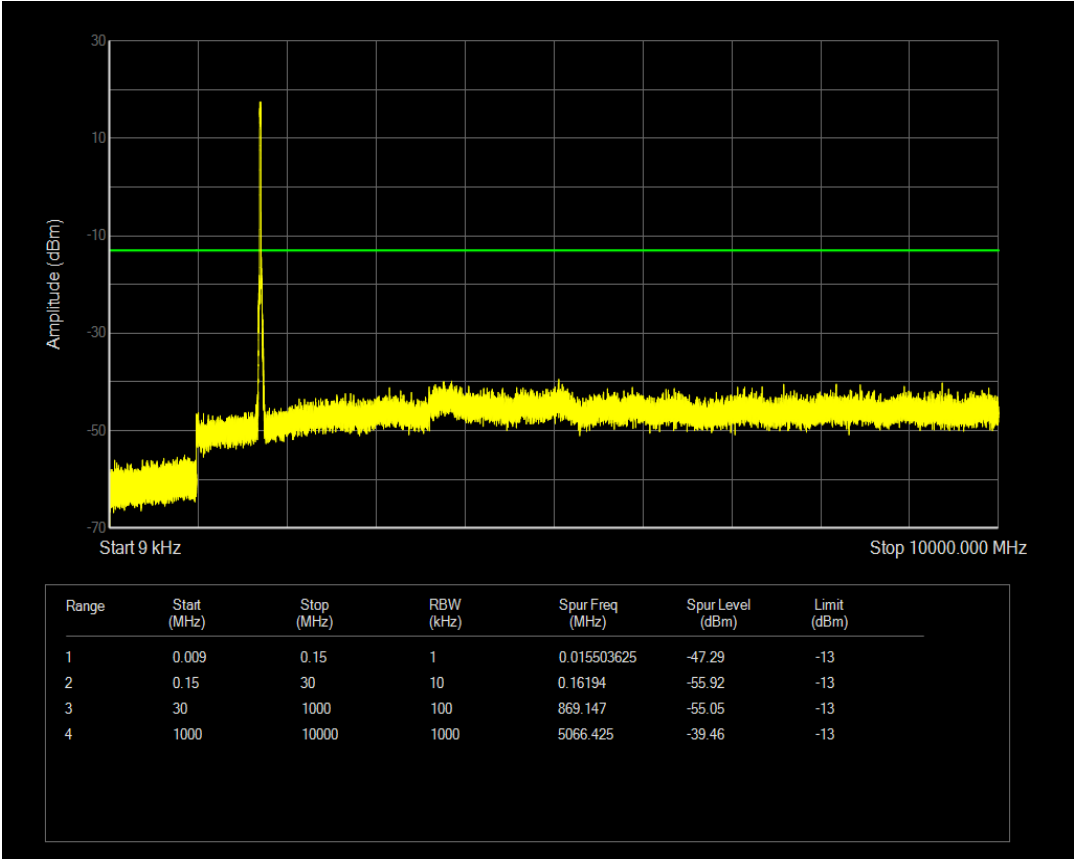
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



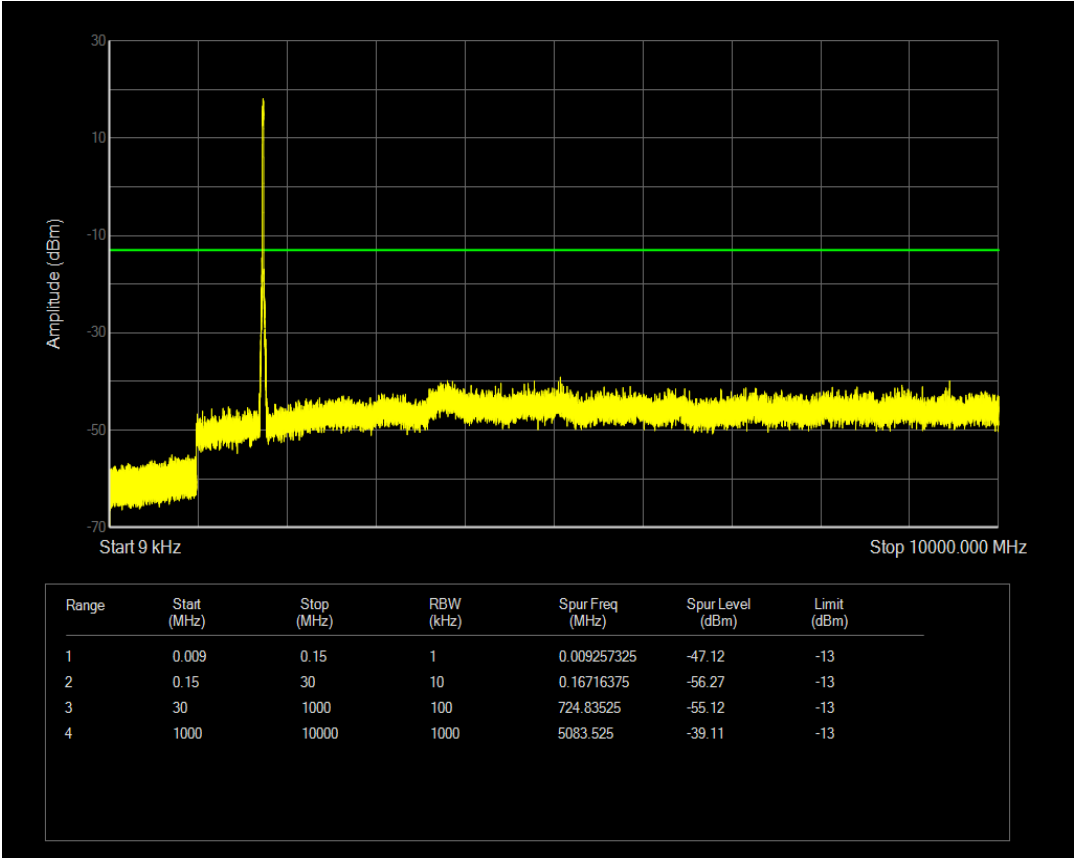
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0

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

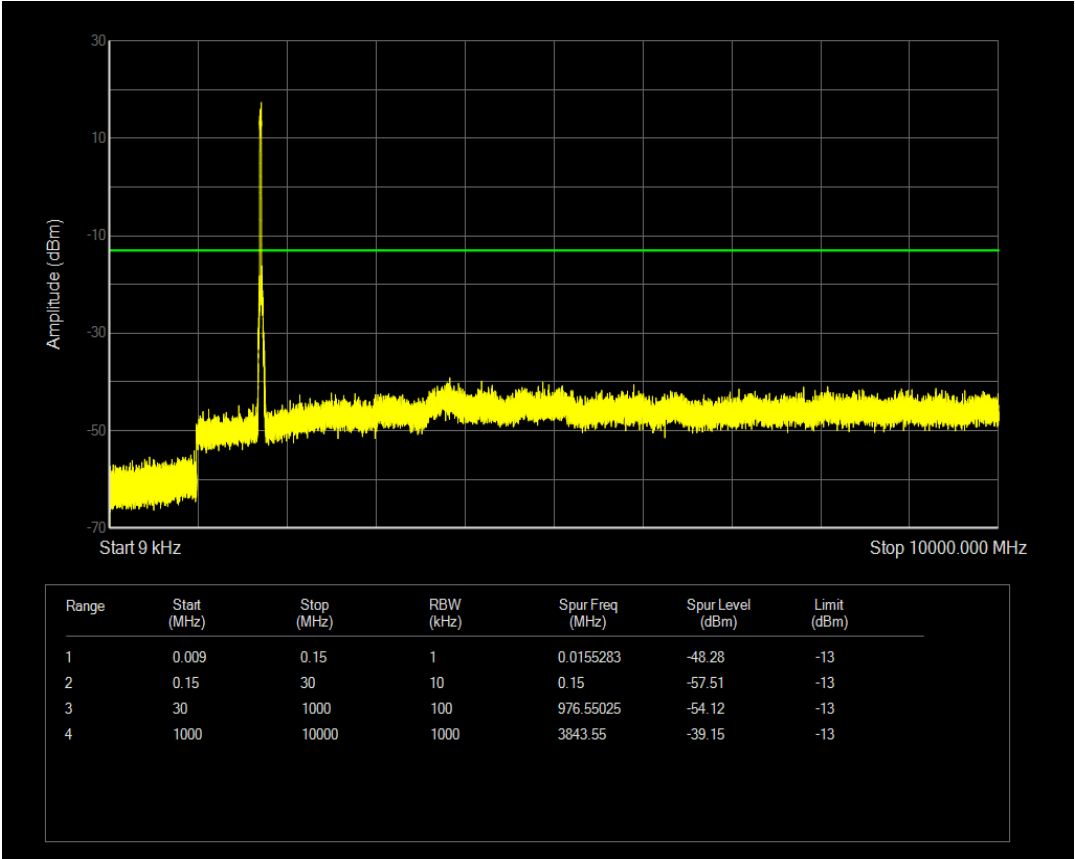
**Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0****Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0**



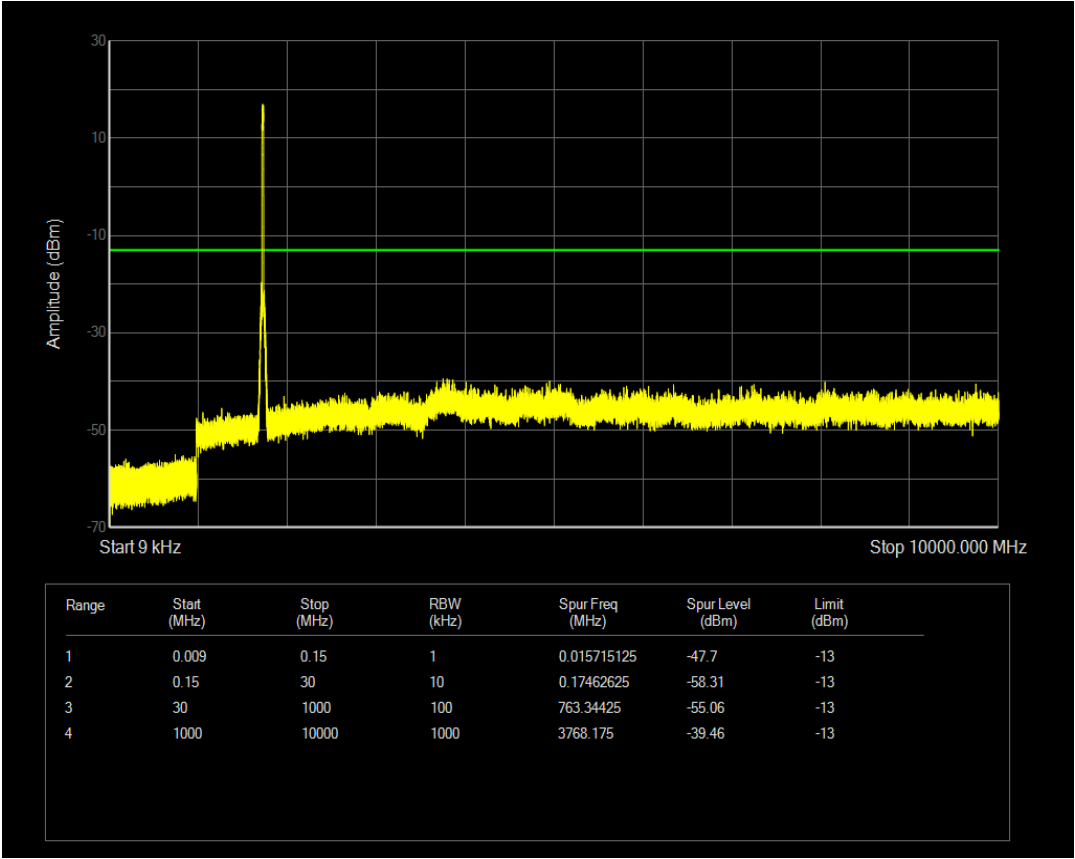
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



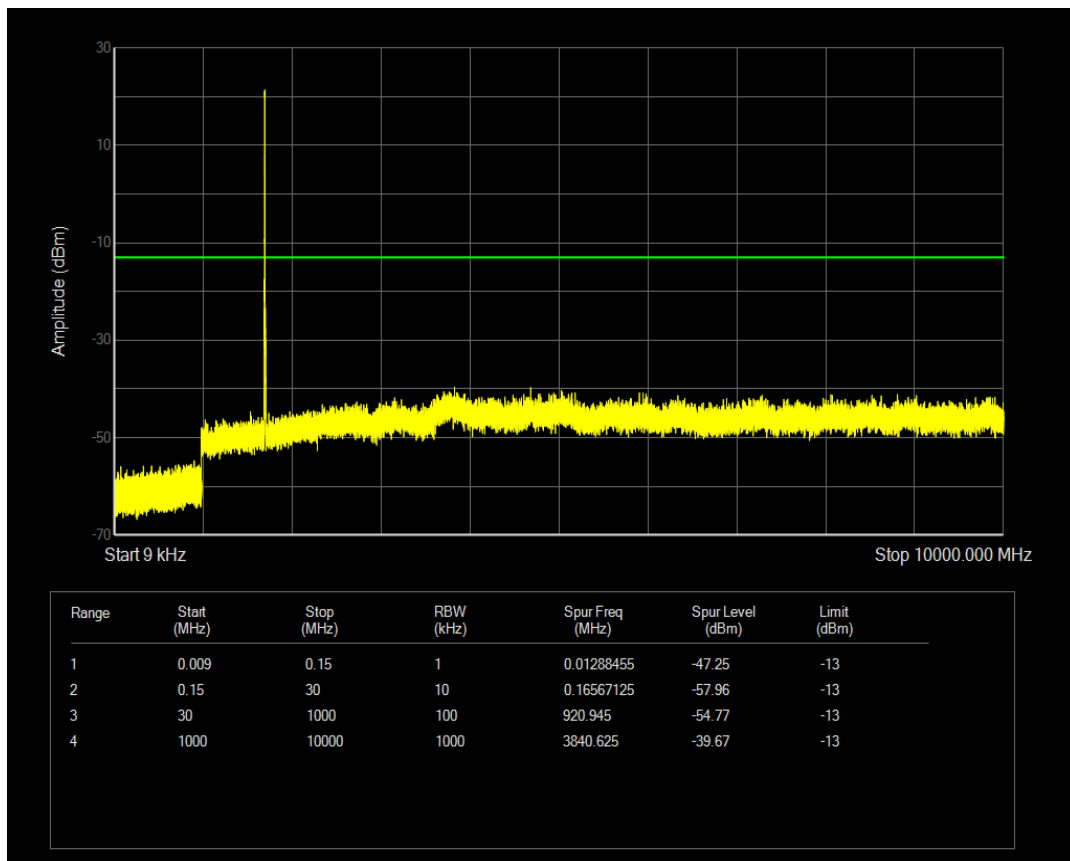
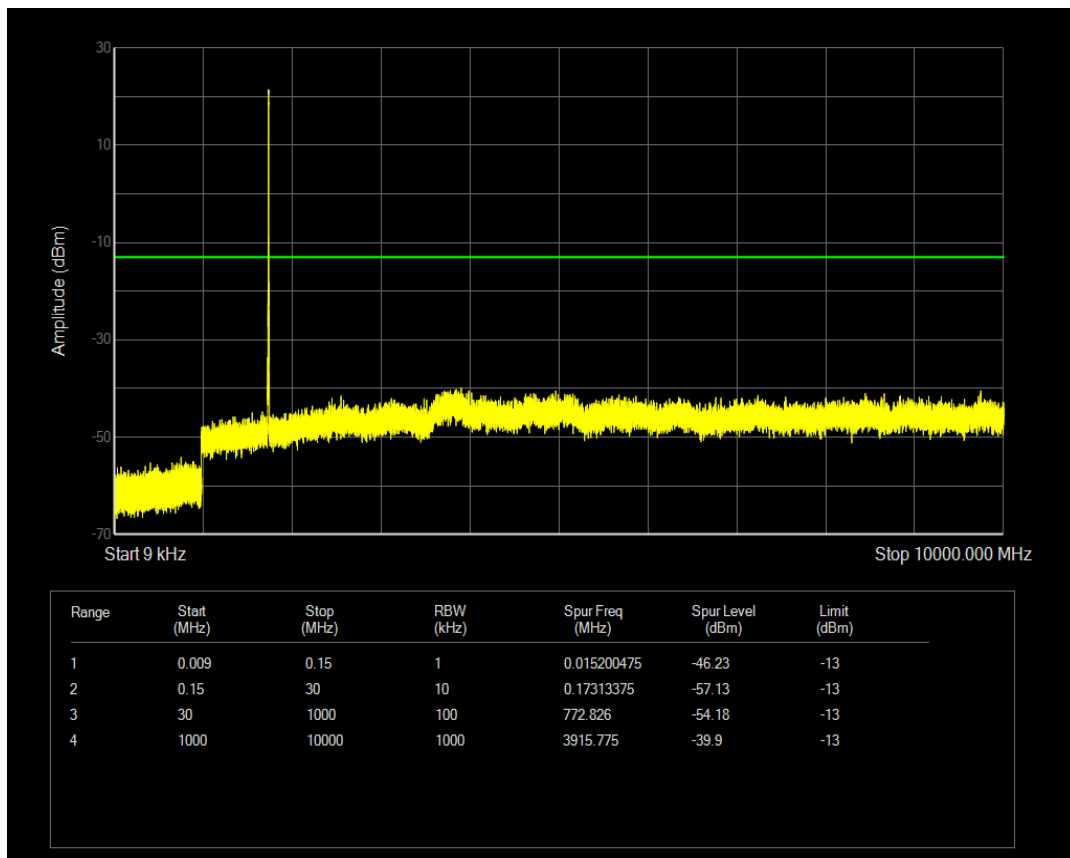
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0

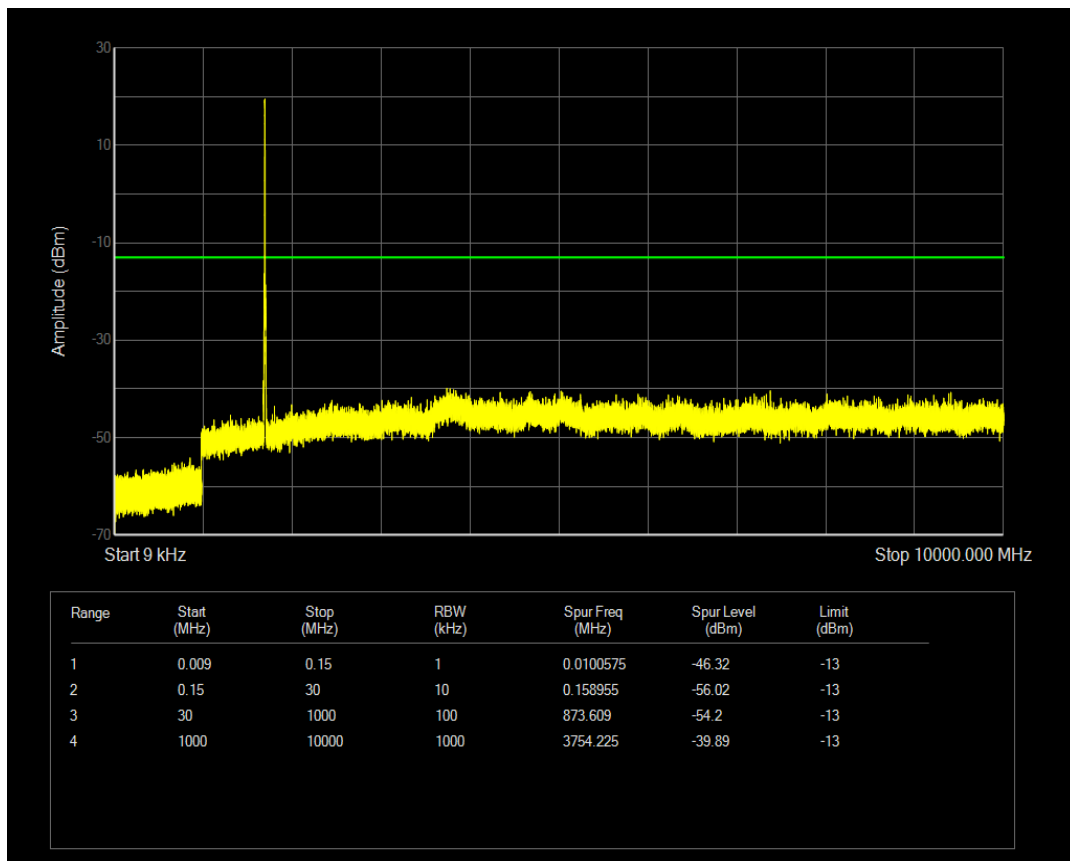


Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



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

