

**1 Conducted output power**

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	22.52	PASS
Band4	1.4	19957	1	#Mid	QPSK	22.56	PASS
Band4	1.4	19957	1	#Max	QPSK	22.54	PASS
Band4	1.4	19957	3	#0	QPSK	22.43	PASS
Band4	1.4	19957	3	#Mid	QPSK	22.49	PASS
Band4	1.4	19957	3	#Max	QPSK	22.46	PASS
Band4	1.4	19957	6	#0	QPSK	21.94	PASS
Band4	1.4	19957	1	#0	QAM16	22.95	PASS
Band4	1.4	19957	1	#Mid	QAM16	22.91	PASS
Band4	1.4	19957	1	#Max	QAM16	23.02	PASS
Band4	1.4	19957	3	#0	QAM16	21.65	PASS
Band4	1.4	19957	3	#Mid	QAM16	21.67	PASS
Band4	1.4	19957	3	#Max	QAM16	21.70	PASS
Band4	1.4	19957	6	#0	QAM16	20.55	PASS
Band4	1.4	20175	1	#0	QPSK	22.43	PASS
Band4	1.4	20175	1	#Mid	QPSK	22.44	PASS
Band4	1.4	20175	1	#Max	QPSK	22.42	PASS
Band4	1.4	20175	3	#0	QPSK	22.52	PASS
Band4	1.4	20175	3	#Mid	QPSK	22.56	PASS
Band4	1.4	20175	3	#Max	QPSK	22.49	PASS
Band4	1.4	20175	6	#0	QPSK	21.96	PASS
Band4	1.4	20175	1	#0	QAM16	22.71	PASS
Band4	1.4	20175	1	#Mid	QAM16	22.69	PASS
Band4	1.4	20175	1	#Max	QAM16	22.68	PASS
Band4	1.4	20175	3	#0	QAM16	21.59	PASS
Band4	1.4	20175	3	#Mid	QAM16	21.57	PASS
Band4	1.4	20175	3	#Max	QAM16	21.53	PASS
Band4	1.4	20175	6	#0	QAM16	20.44	PASS
Band4	1.4	20393	1	#0	QPSK	22.95	PASS
Band4	1.4	20393	1	#Mid	QPSK	22.82	PASS
Band4	1.4	20393	1	#Max	QPSK	22.88	PASS
Band4	1.4	20393	3	#0	QPSK	22.68	PASS
Band4	1.4	20393	3	#Mid	QPSK	22.61	PASS
Band4	1.4	20393	3	#Max	QPSK	22.65	PASS
Band4	1.4	20393	6	#0	QPSK	22.25	PASS
Band4	1.4	20393	1	#0	QAM16	22.72	PASS
Band4	1.4	20393	1	#Mid	QAM16	22.68	PASS
Band4	1.4	20393	1	#Max	QAM16	22.69	PASS
Band4	1.4	20393	3	#0	QAM16	22.06	PASS
Band4	1.4	20393	3	#Mid	QAM16	21.99	PASS
Band4	1.4	20393	3	#Max	QAM16	22.05	PASS

Band4	1.4	20393	6	#0	QAM16	20.84	PASS
Band4	3	19965	1	#0	QPSK	22.40	PASS
Band4	3	19965	1	#Mid	QPSK	22.35	PASS
Band4	3	19965	1	#Max	QPSK	22.36	PASS
Band4	3	19965	8	#0	QPSK	22.00	PASS
Band4	3	19965	8	#Mid	QPSK	21.87	PASS
Band4	3	19965	8	#Max	QPSK	21.89	PASS
Band4	3	19965	15	#0	QPSK	21.86	PASS
Band4	3	19965	1	#0	QAM16	23.00	PASS
Band4	3	19965	1	#Mid	QAM16	23.04	PASS
Band4	3	19965	1	#Max	QAM16	22.96	PASS
Band4	3	19965	8	#0	QAM16	20.43	PASS
Band4	3	19965	8	#Mid	QAM16	20.41	PASS
Band4	3	19965	8	#Max	QAM16	20.36	PASS
Band4	3	19965	15	#0	QAM16	20.58	PASS
Band4	3	20175	1	#0	QPSK	22.39	PASS
Band4	3	20175	1	#Mid	QPSK	22.41	PASS
Band4	3	20175	1	#Max	QPSK	22.40	PASS
Band4	3	20175	8	#0	QPSK	22.02	PASS
Band4	3	20175	8	#Mid	QPSK	22.05	PASS
Band4	3	20175	8	#Max	QPSK	22.00	PASS
Band4	3	20175	15	#0	QPSK	22.01	PASS
Band4	3	20175	1	#0	QAM16	22.73	PASS
Band4	3	20175	1	#Mid	QAM16	22.73	PASS
Band4	3	20175	1	#Max	QAM16	22.68	PASS
Band4	3	20175	8	#0	QAM16	20.73	PASS
Band4	3	20175	8	#Mid	QAM16	20.75	PASS
Band4	3	20175	8	#Max	QAM16	20.76	PASS
Band4	3	20175	15	#0	QAM16	20.56	PASS
Band4	3	20385	1	#0	QPSK	22.75	PASS
Band4	3	20385	1	#Mid	QPSK	22.86	PASS
Band4	3	20385	1	#Max	QPSK	22.92	PASS
Band4	3	20385	8	#0	QPSK	22.12	PASS
Band4	3	20385	8	#Mid	QPSK	22.14	PASS
Band4	3	20385	8	#Max	QPSK	22.07	PASS
Band4	3	20385	15	#0	QPSK	22.11	PASS
Band4	3	20385	1	#0	QAM16	22.55	PASS
Band4	3	20385	1	#Mid	QAM16	22.67	PASS
Band4	3	20385	1	#Max	QAM16	22.72	PASS
Band4	3	20385	8	#0	QAM16	20.69	PASS
Band4	3	20385	8	#Mid	QAM16	20.74	PASS
Band4	3	20385	8	#Max	QAM16	20.72	PASS
Band4	3	20385	15	#0	QAM16	20.77	PASS
Band4	5	19975	1	#0	QPSK	22.38	PASS

Band4	5	19975	1	#Mid	QPSK	22.33	PASS
Band4	5	19975	1	#Max	QPSK	22.36	PASS
Band4	5	19975	12	#0	QPSK	21.96	PASS
Band4	5	19975	12	#Mid	QPSK	21.88	PASS
Band4	5	19975	12	#Max	QPSK	21.90	PASS
Band4	5	19975	25	#0	QPSK	21.88	PASS
Band4	5	19975	1	#0	QAM16	22.17	PASS
Band4	5	19975	1	#Mid	QAM16	22.11	PASS
Band4	5	19975	1	#Max	QAM16	22.11	PASS
Band4	5	19975	12	#0	QAM16	20.43	PASS
Band4	5	19975	12	#Mid	QAM16	20.28	PASS
Band4	5	19975	12	#Max	QAM16	20.36	PASS
Band4	5	19975	25	#0	QAM16	20.45	PASS
Band4	5	20175	1	#0	QPSK	22.41	PASS
Band4	5	20175	1	#Mid	QPSK	22.42	PASS
Band4	5	20175	1	#Max	QPSK	22.50	PASS
Band4	5	20175	12	#0	QPSK	21.95	PASS
Band4	5	20175	12	#Mid	QPSK	21.92	PASS
Band4	5	20175	12	#Max	QPSK	22.04	PASS
Band4	5	20175	25	#0	QPSK	21.95	PASS
Band4	5	20175	1	#0	QAM16	21.69	PASS
Band4	5	20175	1	#Mid	QAM16	21.68	PASS
Band4	5	20175	1	#Max	QAM16	21.66	PASS
Band4	5	20175	12	#0	QAM16	20.48	PASS
Band4	5	20175	12	#Mid	QAM16	20.40	PASS
Band4	5	20175	12	#Max	QAM16	20.37	PASS
Band4	5	20175	25	#0	QAM16	20.57	PASS
Band4	5	20375	1	#0	QPSK	22.45	PASS
Band4	5	20375	1	#Mid	QPSK	22.49	PASS
Band4	5	20375	1	#Max	QPSK	22.44	PASS
Band4	5	20375	12	#0	QPSK	22.09	PASS
Band4	5	20375	12	#Mid	QPSK	22.08	PASS
Band4	5	20375	12	#Max	QPSK	22.16	PASS
Band4	5	20375	25	#0	QPSK	22.20	PASS
Band4	5	20375	1	#0	QAM16	22.30	PASS
Band4	5	20375	1	#Mid	QAM16	22.28	PASS
Band4	5	20375	1	#Max	QAM16	22.30	PASS
Band4	5	20375	12	#0	QAM16	20.67	PASS
Band4	5	20375	12	#Mid	QAM16	20.66	PASS
Band4	5	20375	12	#Max	QAM16	20.66	PASS
Band4	5	20375	25	#0	QAM16	20.62	PASS
Band4	10	20000	1	#0	QPSK	22.41	PASS
Band4	10	20000	1	#Mid	QPSK	22.39	PASS
Band4	10	20000	1	#Max	QPSK	22.47	PASS

Band4	10	20000	25	#0	QPSK	21.91	PASS
Band4	10	20000	25	#Mid	QPSK	21.97	PASS
Band4	10	20000	25	#Max	QPSK	21.94	PASS
Band4	10	20000	50	#0	QPSK	22.04	PASS
Band4	10	20000	1	#0	QAM16	23.10	PASS
Band4	10	20000	1	#Mid	QAM16	23.04	PASS
Band4	10	20000	1	#Max	QAM16	<b>23.15</b>	PASS
Band4	10	20000	25	#0	QAM16	20.41	PASS
Band4	10	20000	25	#Mid	QAM16	20.41	PASS
Band4	10	20000	25	#Max	QAM16	20.43	PASS
Band4	10	20000	50	#0	QAM16	20.47	PASS
Band4	10	20175	1	#0	QPSK	22.62	PASS
Band4	10	20175	1	#Mid	QPSK	22.58	PASS
Band4	10	20175	1	#Max	QPSK	22.62	PASS
Band4	10	20175	25	#0	QPSK	22.03	PASS
Band4	10	20175	25	#Mid	QPSK	21.91	PASS
Band4	10	20175	25	#Max	QPSK	22.10	PASS
Band4	10	20175	50	#0	QPSK	21.98	PASS
Band4	10	20175	1	#0	QAM16	22.05	PASS
Band4	10	20175	1	#Mid	QAM16	22.02	PASS
Band4	10	20175	1	#Max	QAM16	22.10	PASS
Band4	10	20175	25	#0	QAM16	20.62	PASS
Band4	10	20175	25	#Mid	QAM16	20.53	PASS
Band4	10	20175	25	#Max	QAM16	20.57	PASS
Band4	10	20175	50	#0	QAM16	20.63	PASS
Band4	10	20350	1	#0	QPSK	22.75	PASS
Band4	10	20350	1	#Mid	QPSK	22.72	PASS
Band4	10	20350	1	#Max	QPSK	22.77	PASS
Band4	10	20350	25	#0	QPSK	22.11	PASS
Band4	10	20350	25	#Mid	QPSK	22.04	PASS
Band4	10	20350	25	#Max	QPSK	22.14	PASS
Band4	10	20350	50	#0	QPSK	22.13	PASS
Band4	10	20350	1	#0	QAM16	22.45	PASS
Band4	10	20350	1	#Mid	QAM16	22.36	PASS
Band4	10	20350	1	#Max	QAM16	22.41	PASS
Band4	10	20350	25	#0	QAM16	20.75	PASS
Band4	10	20350	25	#Mid	QAM16	21.01	PASS
Band4	10	20350	25	#Max	QAM16	20.73	PASS
Band4	10	20350	50	#0	QAM16	21.02	PASS
Band4	15	20025	1	#0	QPSK	22.41	PASS
Band4	15	20025	1	#Mid	QPSK	22.43	PASS
Band4	15	20025	1	#Max	QPSK	22.58	PASS
Band4	15	20025	36	#0	QPSK	21.95	PASS
Band4	15	20025	36	#Mid	QPSK	22.00	PASS

Band4	15	20025	36	#Max	QPSK	21.99	PASS
Band4	15	20025	75	#0	QPSK	22.05	PASS
Band4	15	20025	1	#0	QAM16	23.08	PASS
Band4	15	20025	1	#Mid	QAM16	23.10	PASS
Band4	15	20025	1	#Max	QAM16	23.13	PASS
Band4	15	20025	36	#0	QAM16	20.49	PASS
Band4	15	20025	36	#Mid	QAM16	20.46	PASS
Band4	15	20025	36	#Max	QAM16	20.46	PASS
Band4	15	20025	75	#0	QAM16	20.60	PASS
Band4	15	20175	1	#0	QPSK	22.63	PASS
Band4	15	20175	1	#Mid	QPSK	22.61	PASS
Band4	15	20175	1	#Max	QPSK	22.69	PASS
Band4	15	20175	36	#0	QPSK	21.92	PASS
Band4	15	20175	36	#Mid	QPSK	21.93	PASS
Band4	15	20175	36	#Max	QPSK	21.95	PASS
Band4	15	20175	75	#0	QPSK	21.95	PASS
Band4	15	20175	1	#0	QAM16	22.03	PASS
Band4	15	20175	1	#Mid	QAM16	22.00	PASS
Band4	15	20175	1	#Max	QAM16	22.06	PASS
Band4	15	20175	36	#0	QAM16	20.74	PASS
Band4	15	20175	36	#Mid	QAM16	20.70	PASS
Band4	15	20175	36	#Max	QAM16	20.66	PASS
Band4	15	20175	75	#0	QAM16	20.50	PASS
Band4	15	20325	1	#0	QPSK	22.73	PASS
Band4	15	20325	1	#Mid	QPSK	22.80	PASS
Band4	15	20325	1	#Max	QPSK	22.80	PASS
Band4	15	20325	36	#0	QPSK	22.24	PASS
Band4	15	20325	36	#Mid	QPSK	22.19	PASS
Band4	15	20325	36	#Max	QPSK	22.12	PASS
Band4	15	20325	75	#0	QPSK	22.07	PASS
Band4	15	20325	1	#0	QAM16	22.85	PASS
Band4	15	20325	1	#Mid	QAM16	22.85	PASS
Band4	15	20325	1	#Max	QAM16	22.83	PASS
Band4	15	20325	36	#0	QAM16	21.06	PASS
Band4	15	20325	36	#Mid	QAM16	20.74	PASS
Band4	15	20325	36	#Max	QAM16	20.69	PASS
Band4	15	20325	75	#0	QAM16	20.78	PASS
Band4	20	20050	1	#0	QPSK	22.40	PASS
Band4	20	20050	1	#Mid	QPSK	22.37	PASS
Band4	20	20050	1	#Max	QPSK	22.41	PASS
Band4	20	20050	50	#0	QPSK	21.97	PASS
Band4	20	20050	50	#Mid	QPSK	22.05	PASS
Band4	20	20050	50	#Max	QPSK	21.99	PASS
Band4	20	20050	100	#0	QPSK	22.04	PASS

Band4	20	20050	1	#0	QAM16	21.69	PASS
Band4	20	20050	1	#Mid	QAM16	21.61	PASS
Band4	20	20050	1	#Max	QAM16	21.76	PASS
Band4	20	20050	50	#0	QAM16	20.59	PASS
Band4	20	20050	50	#Mid	QAM16	20.55	PASS
Band4	20	20050	50	#Max	QAM16	20.53	PASS
Band4	20	20050	100	#0	QAM16	20.42	PASS
Band4	20	20175	1	#0	QPSK	22.55	PASS
Band4	20	20175	1	#Mid	QPSK	22.57	PASS
Band4	20	20175	1	#Max	QPSK	22.59	PASS
Band4	20	20175	50	#0	QPSK	21.99	PASS
Band4	20	20175	50	#Mid	QPSK	22.05	PASS
Band4	20	20175	50	#Max	QPSK	21.99	PASS
Band4	20	20175	100	#0	QPSK	21.95	PASS
Band4	20	20175	1	#0	QAM16	22.11	PASS
Band4	20	20175	1	#Mid	QAM16	22.10	PASS
Band4	20	20175	1	#Max	QAM16	22.17	PASS
Band4	20	20175	50	#0	QAM16	20.52	PASS
Band4	20	20175	50	#Mid	QAM16	20.54	PASS
Band4	20	20175	50	#Max	QAM16	20.55	PASS
Band4	20	20175	100	#0	QAM16	20.54	PASS
Band4	20	20300	1	#0	QPSK	22.65	PASS
Band4	20	20300	1	#Mid	QPSK	22.76	PASS
Band4	20	20300	1	#Max	QPSK	22.72	PASS
Band4	20	20300	50	#0	QPSK	22.24	PASS
Band4	20	20300	50	#Mid	QPSK	22.29	PASS
Band4	20	20300	50	#Max	QPSK	22.19	PASS
Band4	20	20300	100	#0	QPSK	22.18	PASS
Band4	20	20300	1	#0	QAM16	22.31	PASS
Band4	20	20300	1	#Mid	QAM16	22.38	PASS
Band4	20	20300	1	#Max	QAM16	22.40	PASS
Band4	20	20300	50	#0	QAM16	20.70	PASS
Band4	20	20300	50	#Mid	QAM16	21.00	PASS
Band4	20	20300	50	#Max	QAM16	21.00	PASS
Band4	20	20300	100	#0	QAM16	21.00	PASS

## 2 Frequency stability

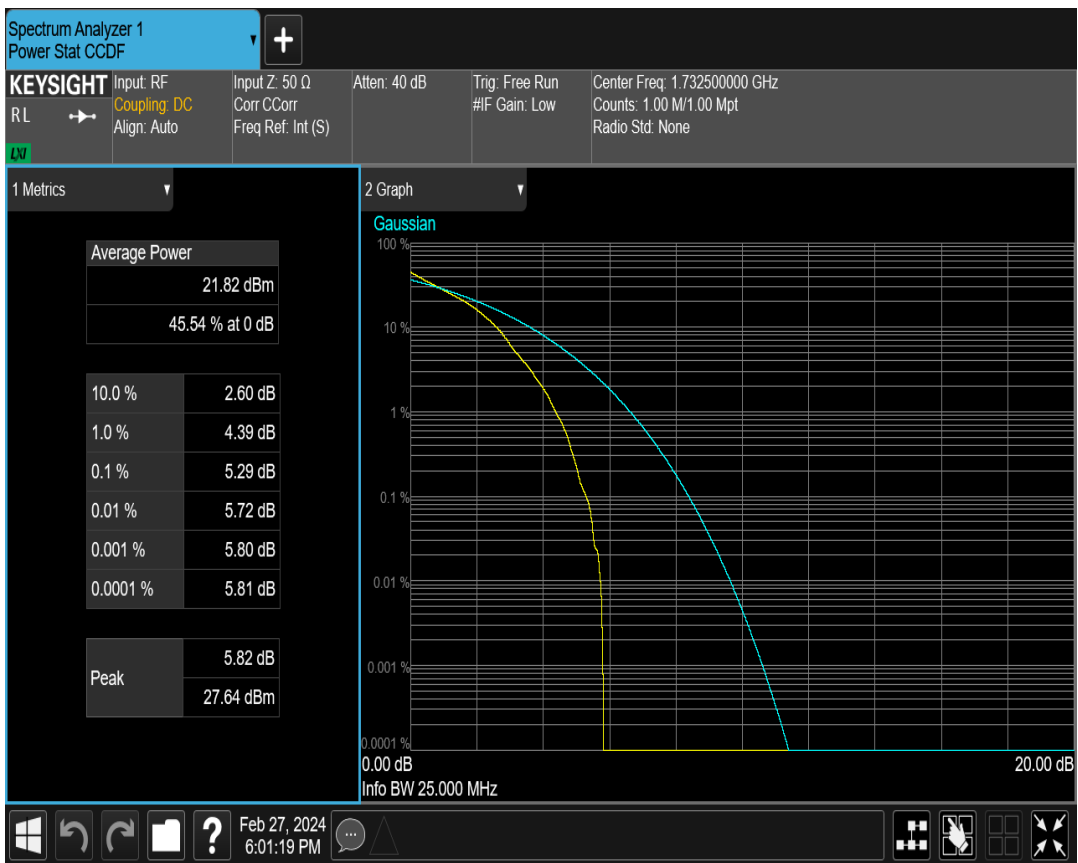
temperature(°C)	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
-10	Band4	20	20050	100	#0	QPSK	1.95	0.001	-2.5	2.5	PASS
	Band4	20	20050	100	#0	QAM16	-2.40	-0.001	-2.5	2.5	PASS
	Band4	20	20175	100	#0	QPSK	6.49	0.004	-2.5	2.5	PASS
	Band4	20	20175	100	#0	QAM16	5.12	0.003	-2.5	2.5	PASS

	Band4	20	20300	100	#0	QPSK	20.25	0.012	-2.5	2.5	PASS
	Band4	20	20300	100	#0	QAM16	20.75	0.012	-2.5	2.5	PASS
25	Band4	20	20050	100	#0	QPSK	6.85	0.004	-2.5	2.5	PASS
	Band4	20	20050	100	#0	QAM16	-22.78	-0.013	-2.5	2.5	PASS
	Band4	20	20175	100	#0	QPSK	-35.00	-0.020	-2.5	2.5	PASS
	Band4	20	20175	100	#0	QAM16	-21.12	-0.012	-2.5	2.5	PASS
	Band4	20	20300	100	#0	QPSK	-10.21	-0.006	-2.5	2.5	PASS
	Band4	20	20300	100	#0	QAM16	-16.50	-0.009	-2.5	2.5	PASS
	Band4	20	20050	100	#0	QPSK	6.85	0.004	-2.5	2.5	PASS
55	Band4	20	20050	100	#0	QPSK	6.75	0.004	-2.5	2.5	PASS
	Band4	20	20050	100	#0	QAM16	-7.85	-0.005	-2.5	2.5	PASS
	Band4	20	20175	100	#0	QPSK	-9.26	-0.005	-2.5	2.5	PASS
	Band4	20	20175	100	#0	QAM16	-24.36	-0.014	-2.5	2.5	PASS
	Band4	20	20300	100	#0	QPSK	-21.50	-0.012	-2.5	2.5	PASS
	Band4	20	20300	100	#0	QAM16	-18.63	-0.011	-2.5	2.5	PASS
	Band4	20	20050	100	#0	QPSK	6.75	0.004	-2.5	2.5	PASS

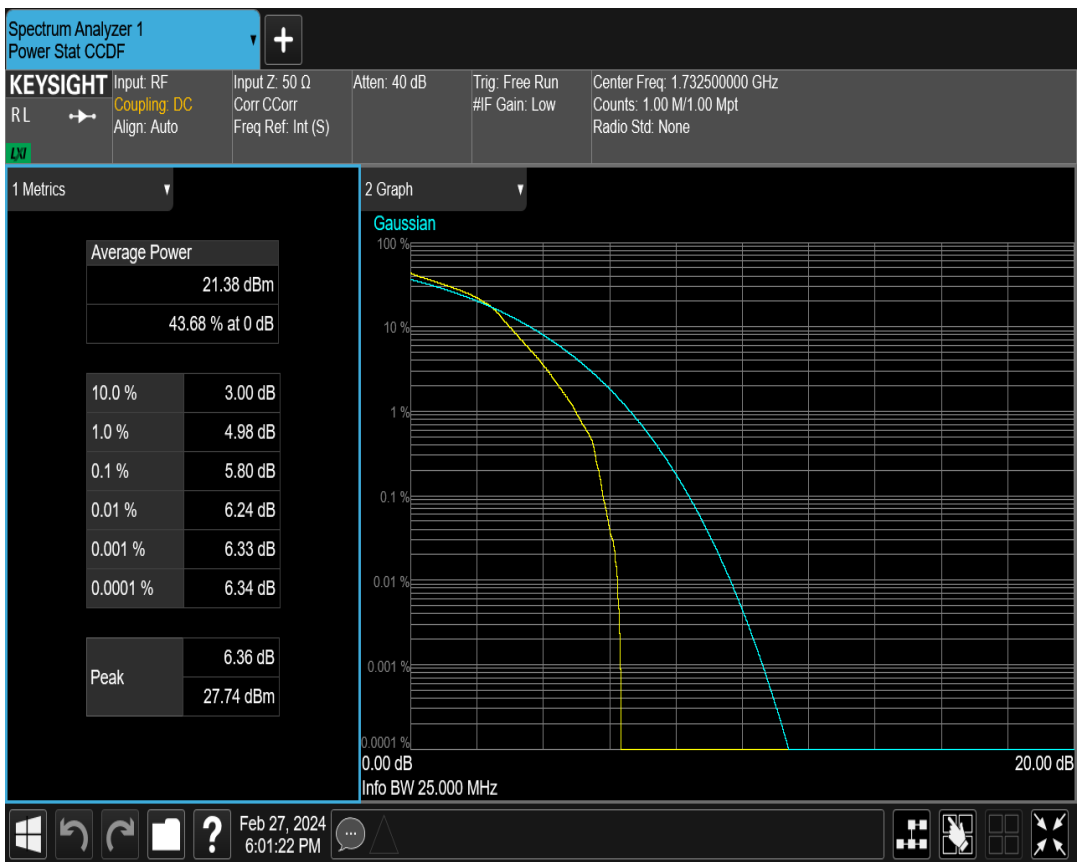
### 3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QPSK	5.29	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.80	13	PASS
Band4	3	20175	1	#0	QPSK	5.19	13	PASS
Band4	3	20175	1	#0	QAM16	6.02	13	PASS
Band4	5	20175	1	#0	QPSK	5.43	13	PASS
Band4	5	20175	1	#0	QAM16	6.09	13	PASS
Band4	10	20175	1	#0	QPSK	5.17	13	PASS
Band4	10	20175	1	#0	QAM16	5.87	13	PASS
Band4	15	20175	1	#0	QPSK	5.06	13	PASS
Band4	15	20175	1	#0	QAM16	5.78	13	PASS
Band4	20	20175	1	#0	QPSK	4.74	13	PASS
Band4	20	20175	1	#0	QAM16	5.35	13	PASS

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

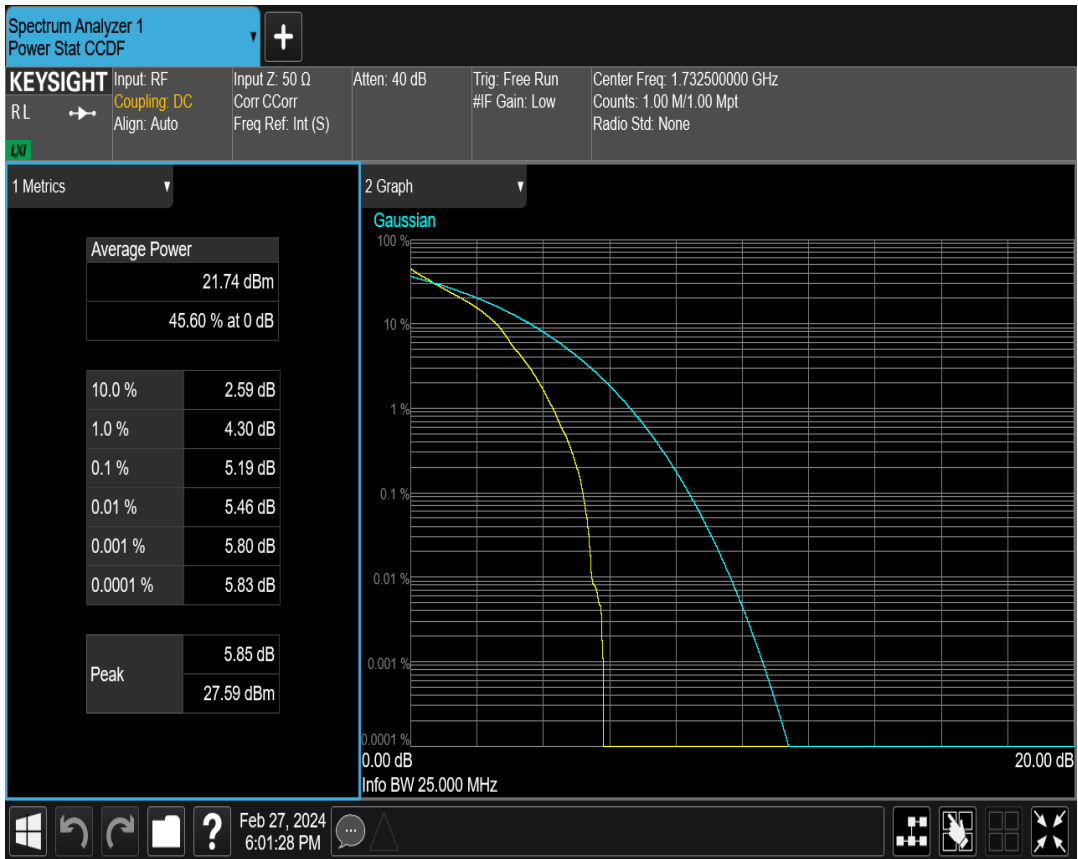


Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0

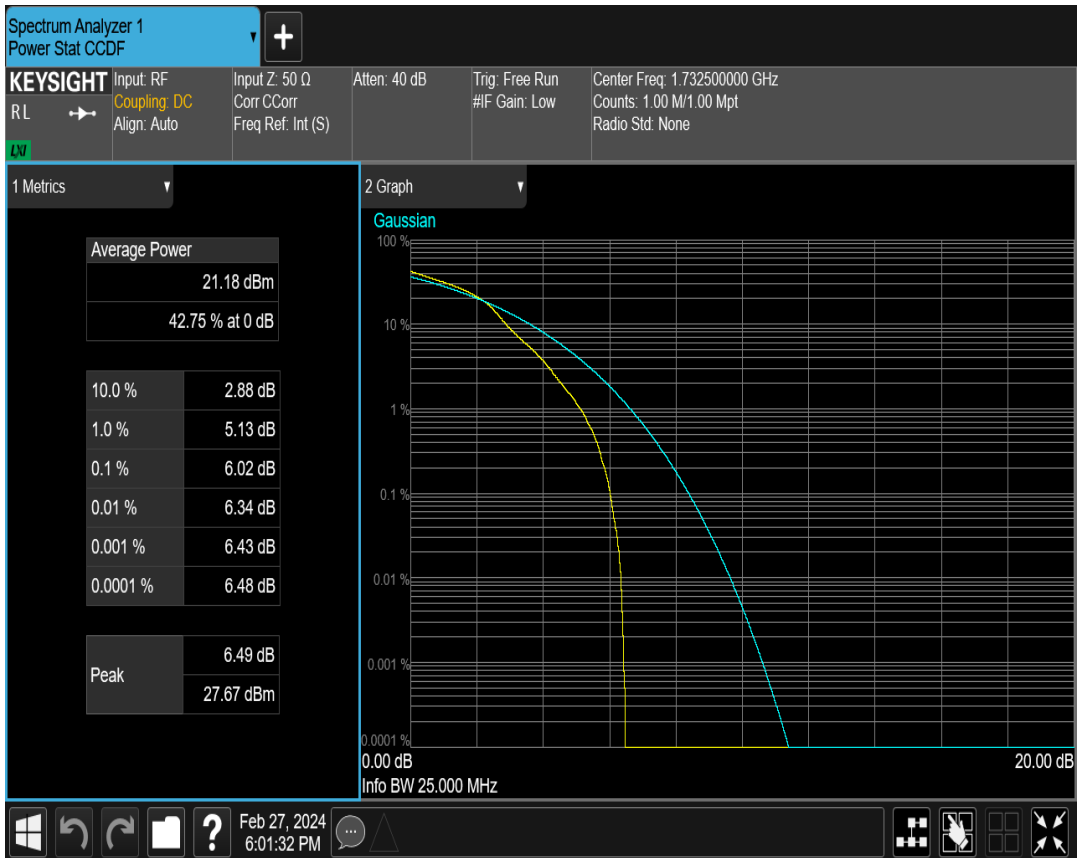




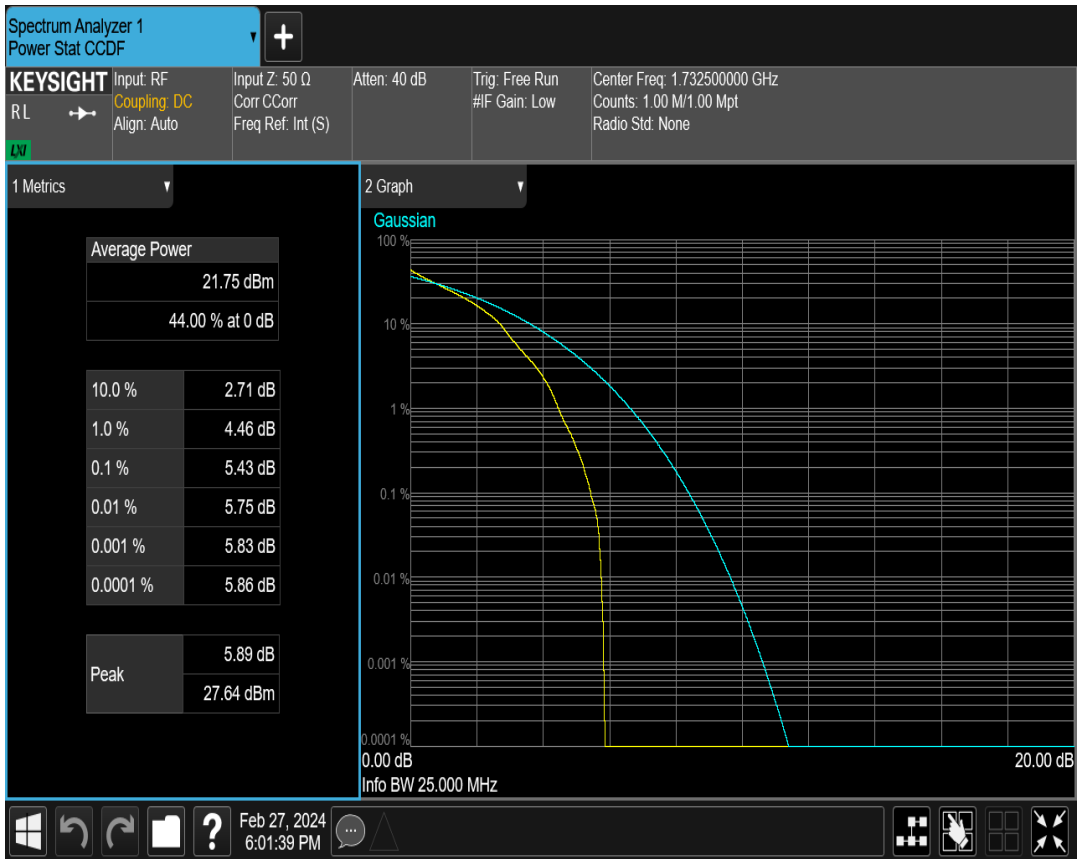
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



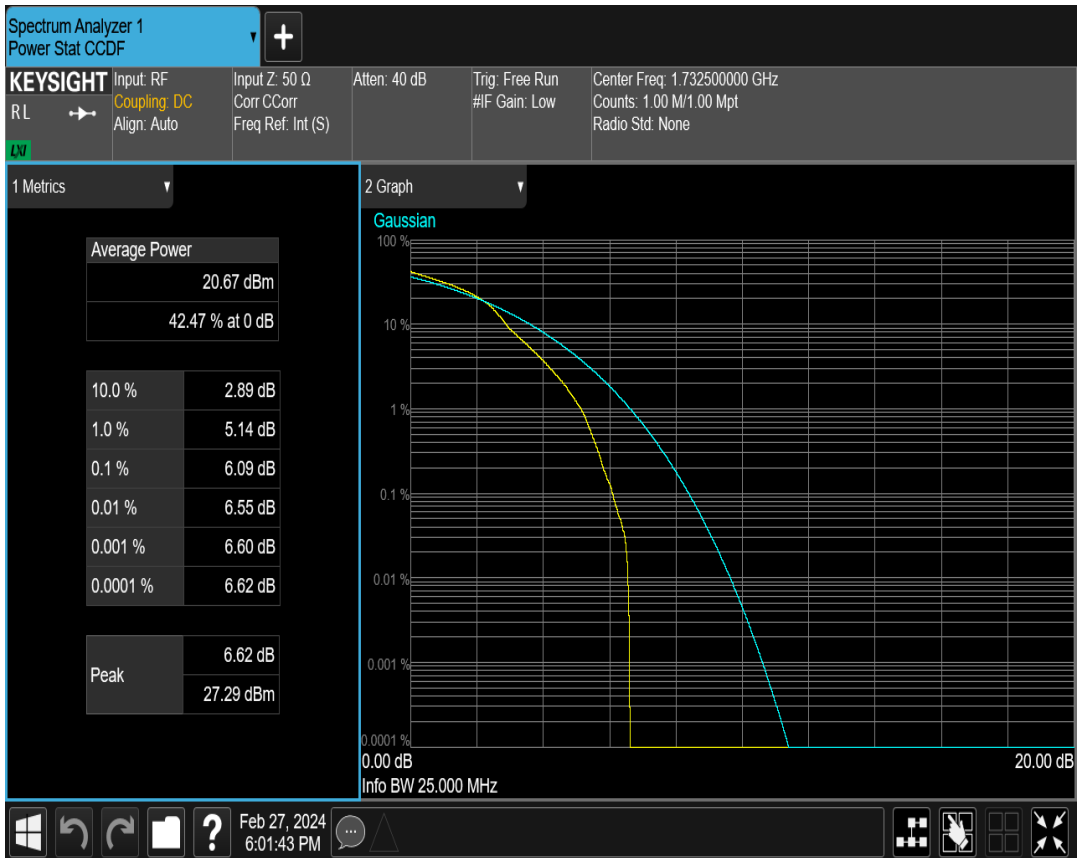
Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



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



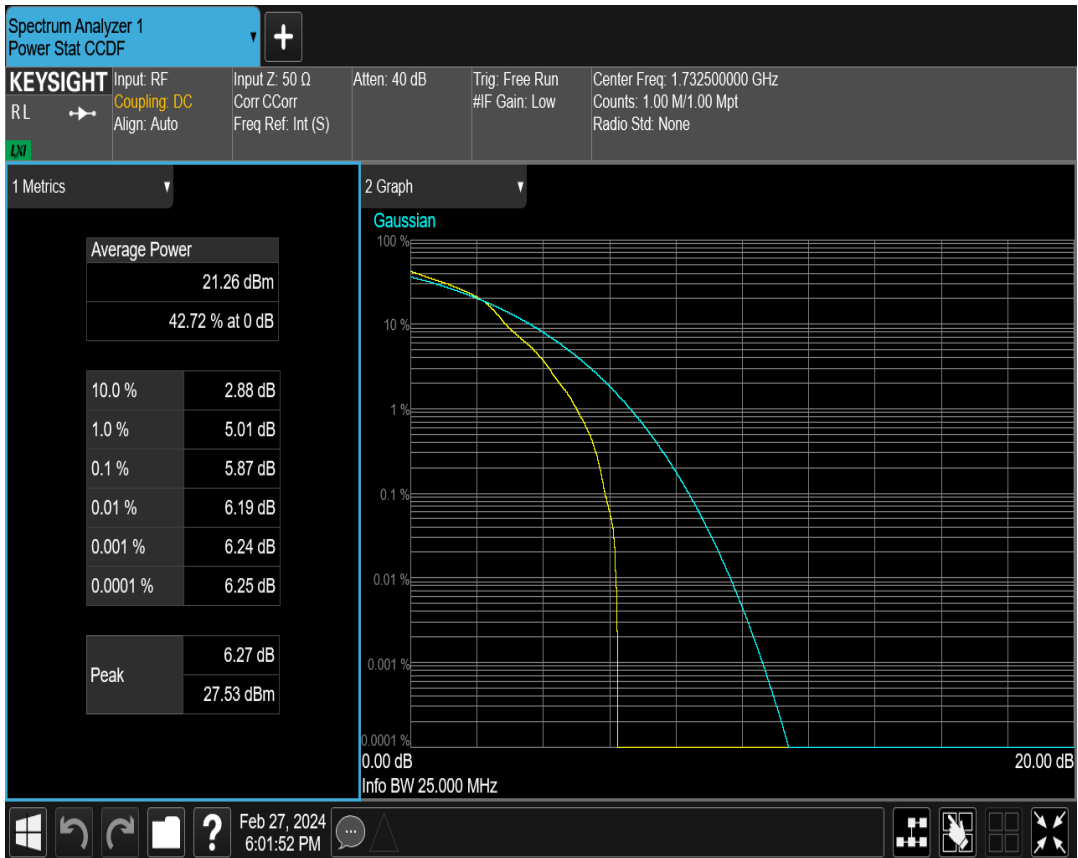
Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



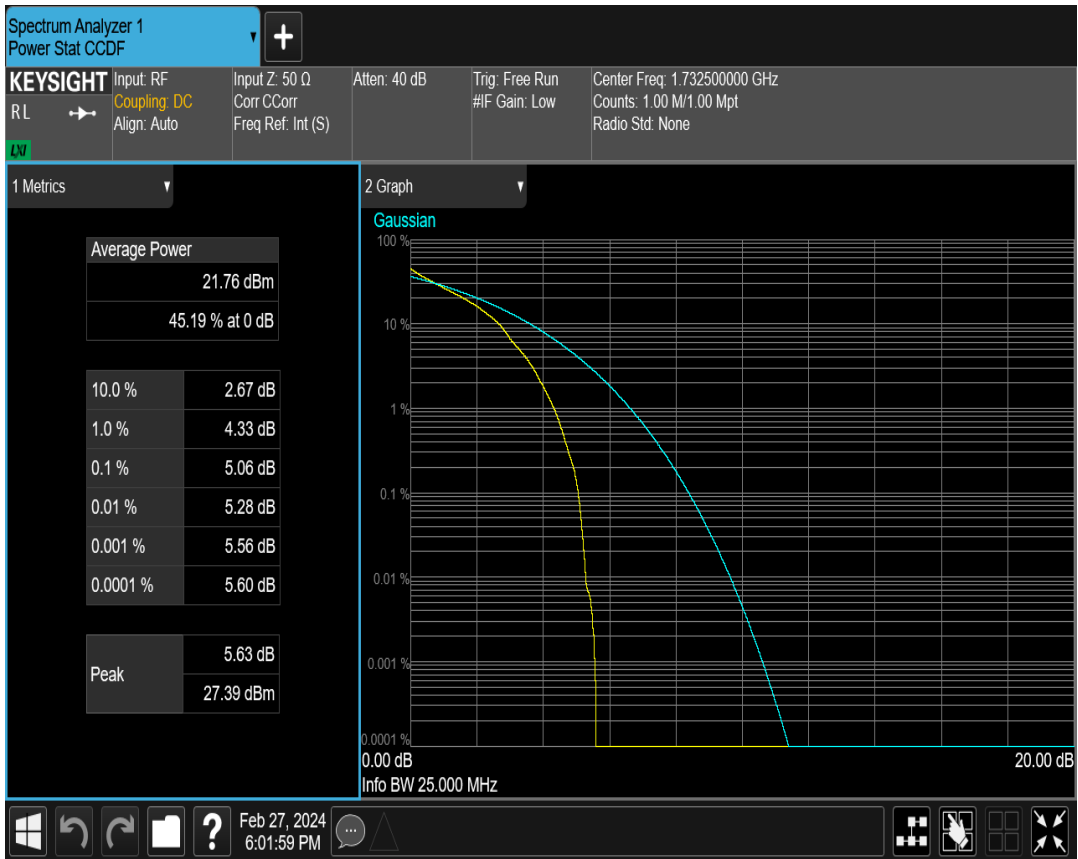
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



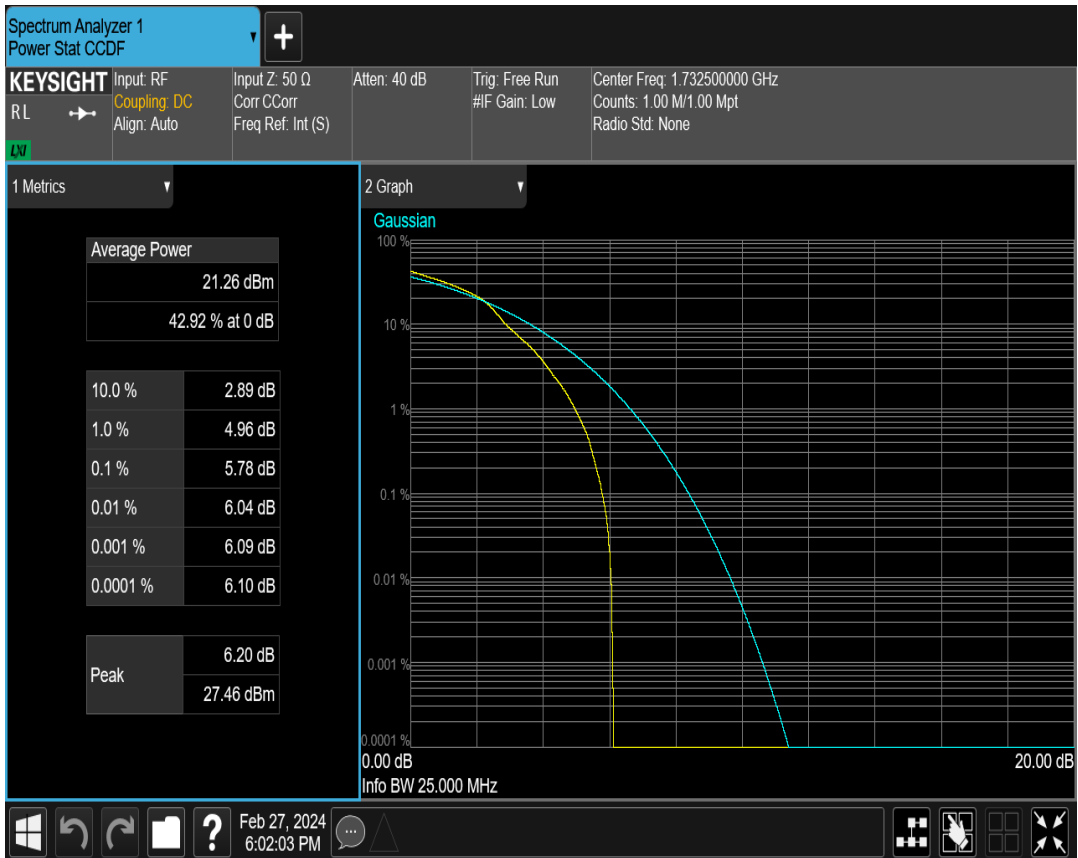
Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0



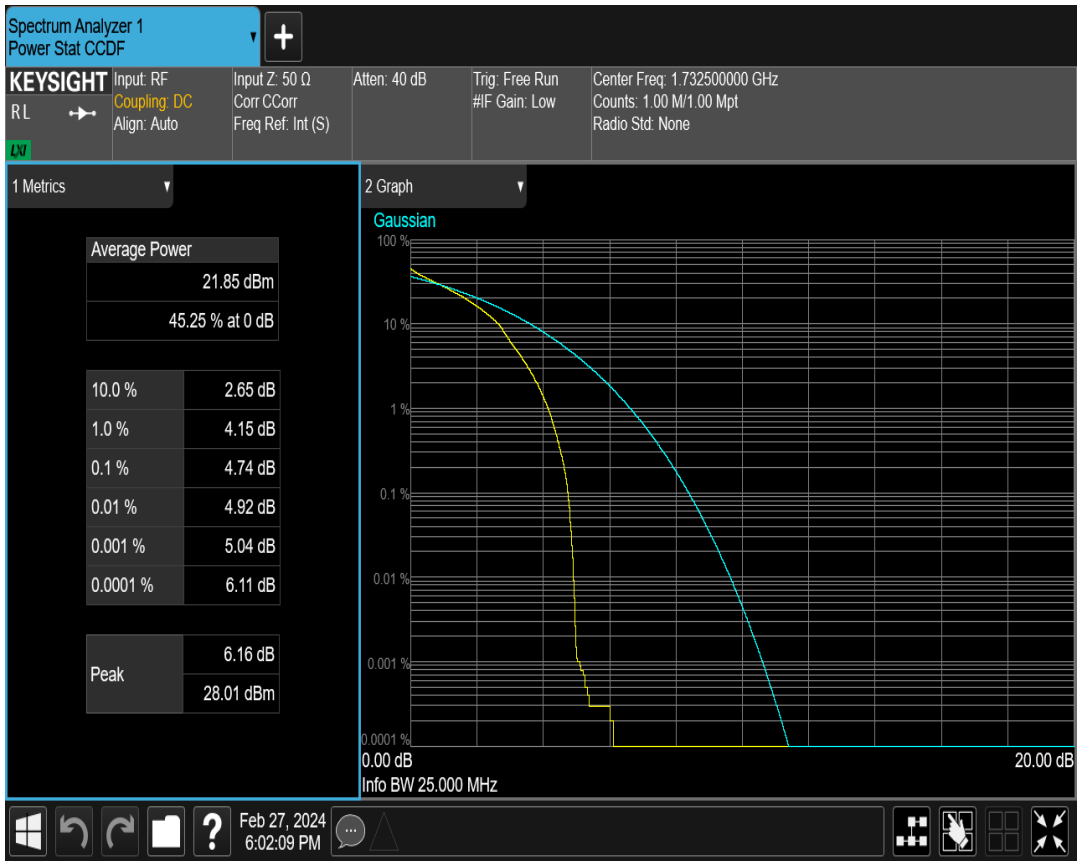
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



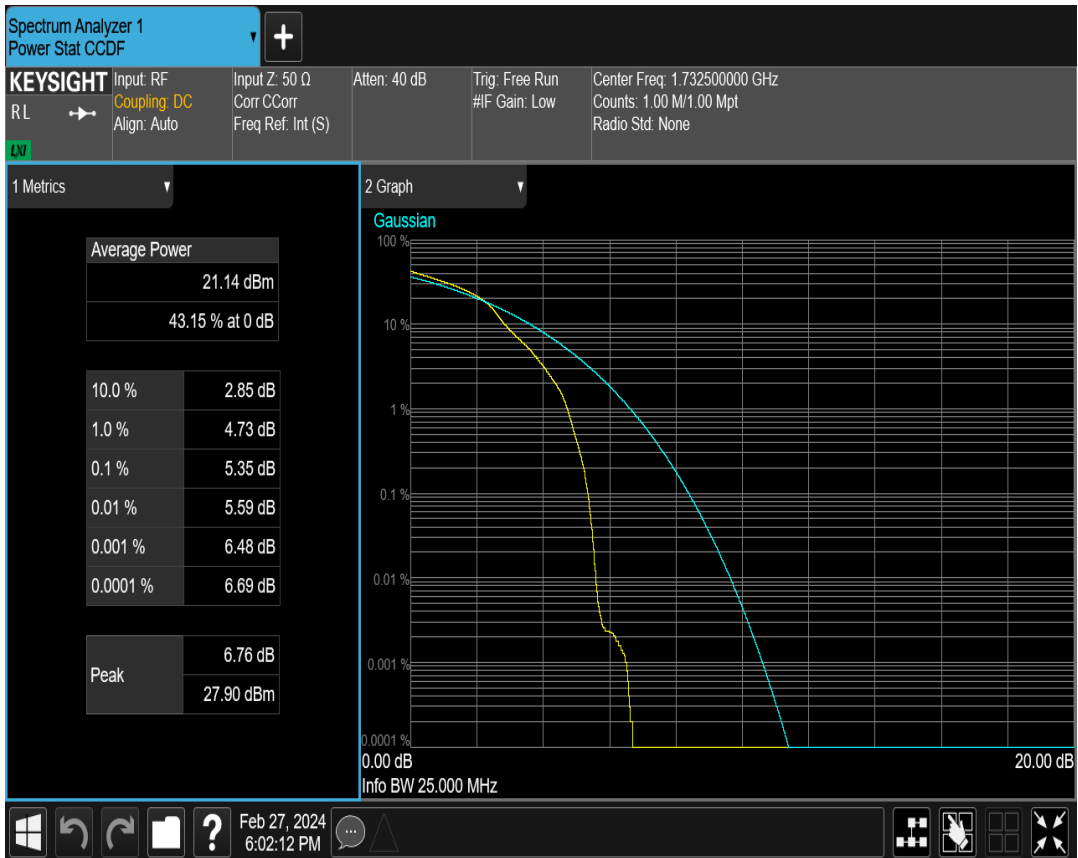
Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0



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



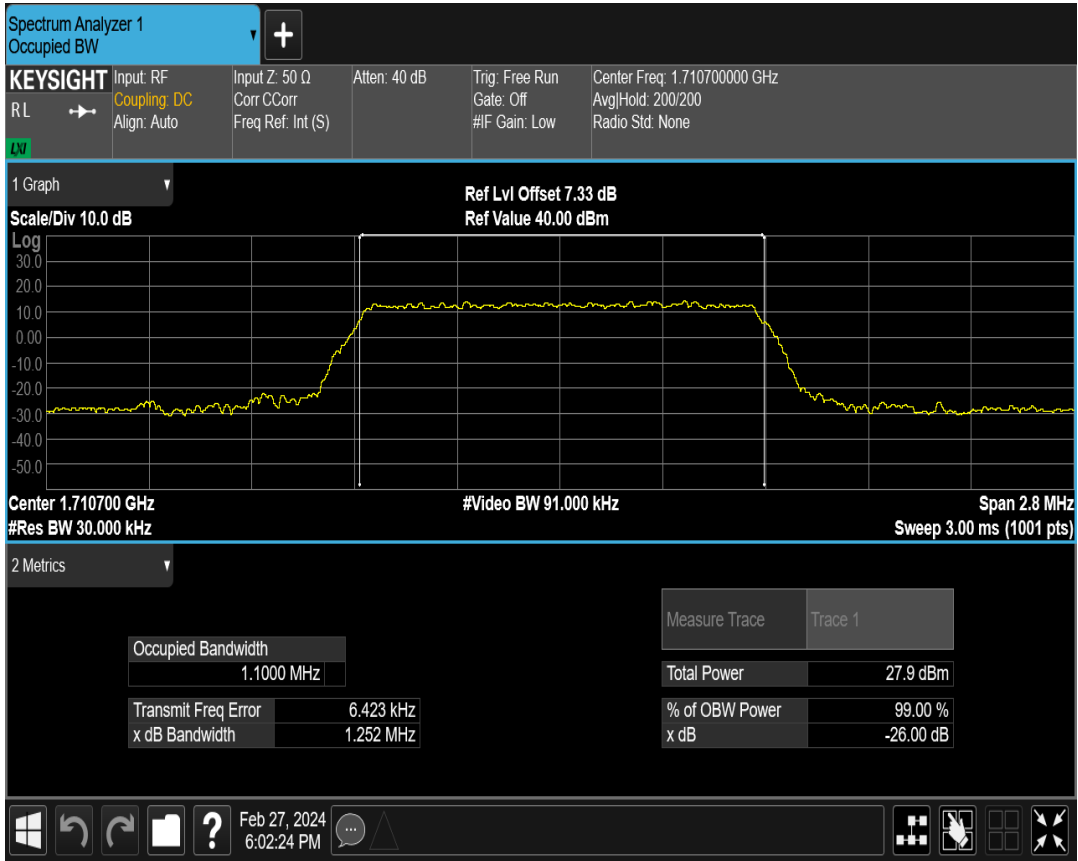
Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0



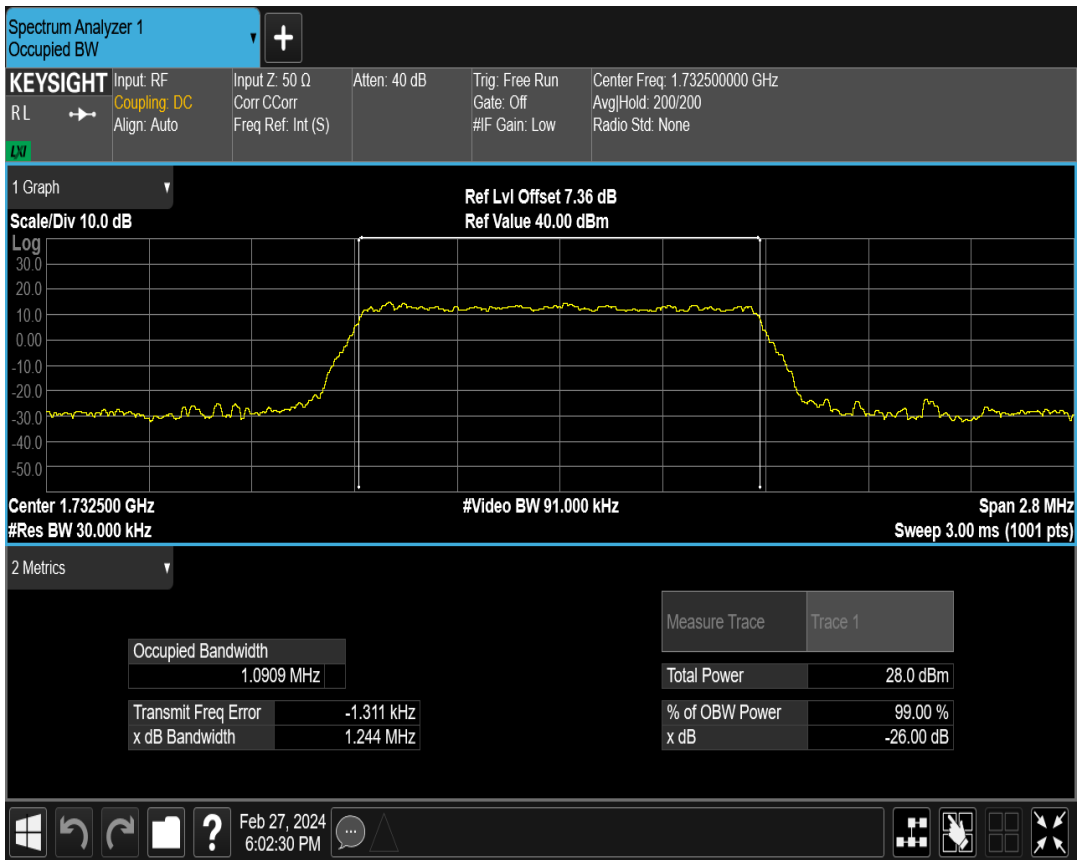
**4 Occupied bandwidth**

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.092	1.255	PASS
Band4	1.4	19957	6	#0	QAM16	1.100	1.252	PASS
Band4	1.4	20175	6	#0	QPSK	1.095	1.247	PASS
Band4	1.4	20175	6	#0	QAM16	1.091	1.244	PASS
Band4	1.4	20393	6	#0	QPSK	1.102	1.246	PASS
Band4	1.4	20393	6	#0	QAM16	1.103	1.247	PASS
Band4	3	19965	15	#0	QPSK	2.709	3.040	PASS
Band4	3	19965	15	#0	QAM16	2.701	3.063	PASS
Band4	3	20175	15	#0	QPSK	2.706	3.029	PASS
Band4	3	20175	15	#0	QAM16	2.715	3.050	PASS
Band4	3	20385	15	#0	QPSK	2.712	3.022	PASS
Band4	3	20385	15	#0	QAM16	2.720	3.043	PASS
Band4	5	19975	25	#0	QPSK	4.510	4.984	PASS
Band4	5	19975	25	#0	QAM16	4.521	4.973	PASS
Band4	5	20175	25	#0	QPSK	4.518	4.998	PASS
Band4	5	20175	25	#0	QAM16	4.514	4.941	PASS
Band4	5	20375	25	#0	QPSK	4.507	4.985	PASS
Band4	5	20375	25	#0	QAM16	4.517	4.957	PASS
Band4	10	20000	50	#0	QPSK	8.964	9.883	PASS
Band4	10	20000	50	#0	QAM16	9.000	9.842	PASS
Band4	10	20175	50	#0	QPSK	8.982	9.827	PASS
Band4	10	20175	50	#0	QAM16	9.019	9.833	PASS
Band4	10	20350	50	#0	QPSK	9.005	9.821	PASS
Band4	10	20350	50	#0	QAM16	8.978	9.955	PASS
Band4	15	20025	75	#0	QPSK	13.486	14.650	PASS
Band4	15	20025	75	#0	QAM16	13.472	14.725	PASS
Band4	15	20175	75	#0	QPSK	13.474	14.791	PASS
Band4	15	20175	75	#0	QAM16	13.488	14.984	PASS
Band4	15	20325	75	#0	QPSK	13.472	14.765	PASS
Band4	15	20325	75	#0	QAM16	13.489	14.584	PASS
Band4	20	20050	100	#0	QPSK	17.963	19.573	PASS
Band4	20	20050	100	#0	QAM16	17.996	19.486	PASS
Band4	20	20175	100	#0	QPSK	17.986	19.576	PASS
Band4	20	20175	100	#0	QAM16	18.036	19.790	PASS
Band4	20	20300	100	#0	QPSK	17.992	19.720	PASS
Band4	20	20300	100	#0	QAM16	18.043	19.736	PASS

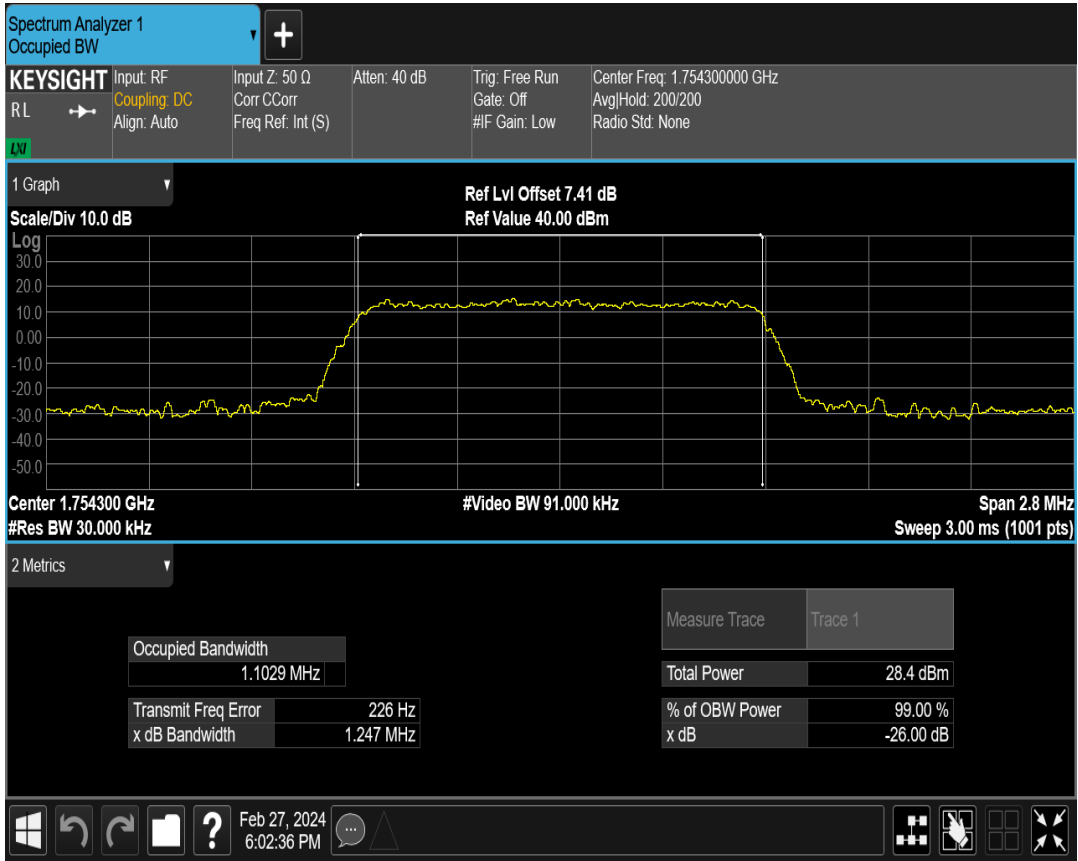
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



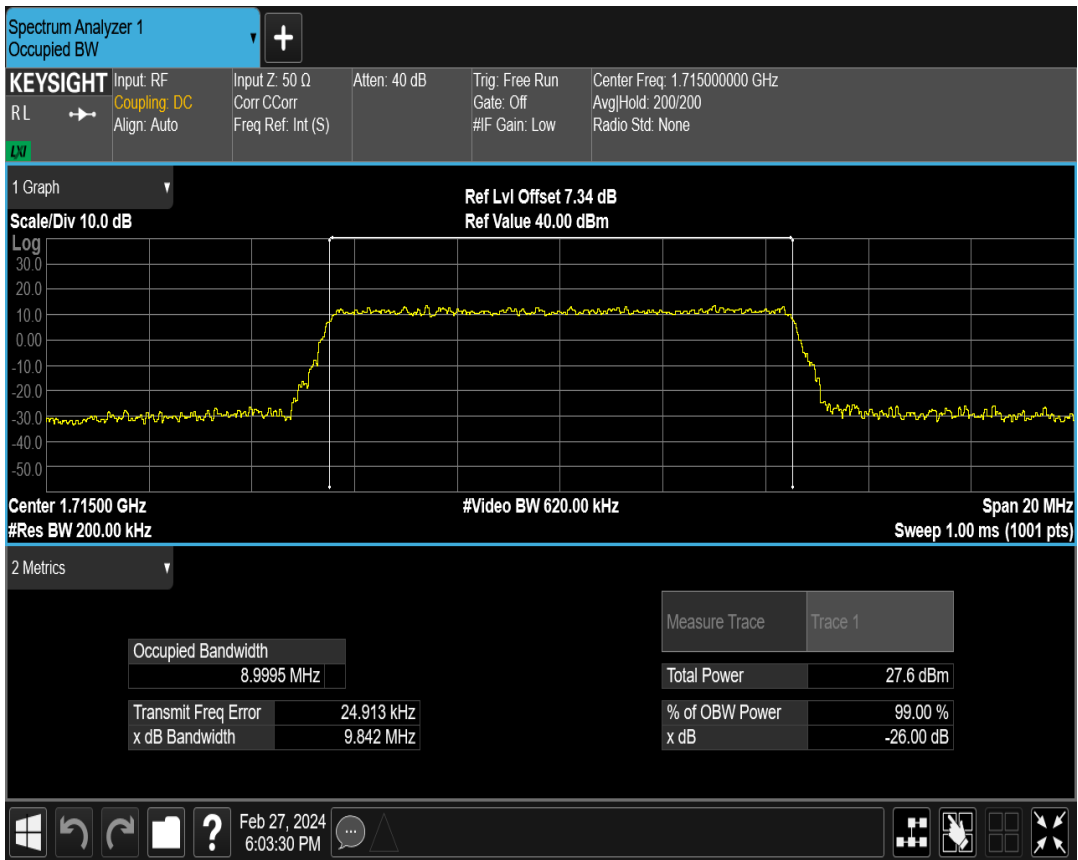
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



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

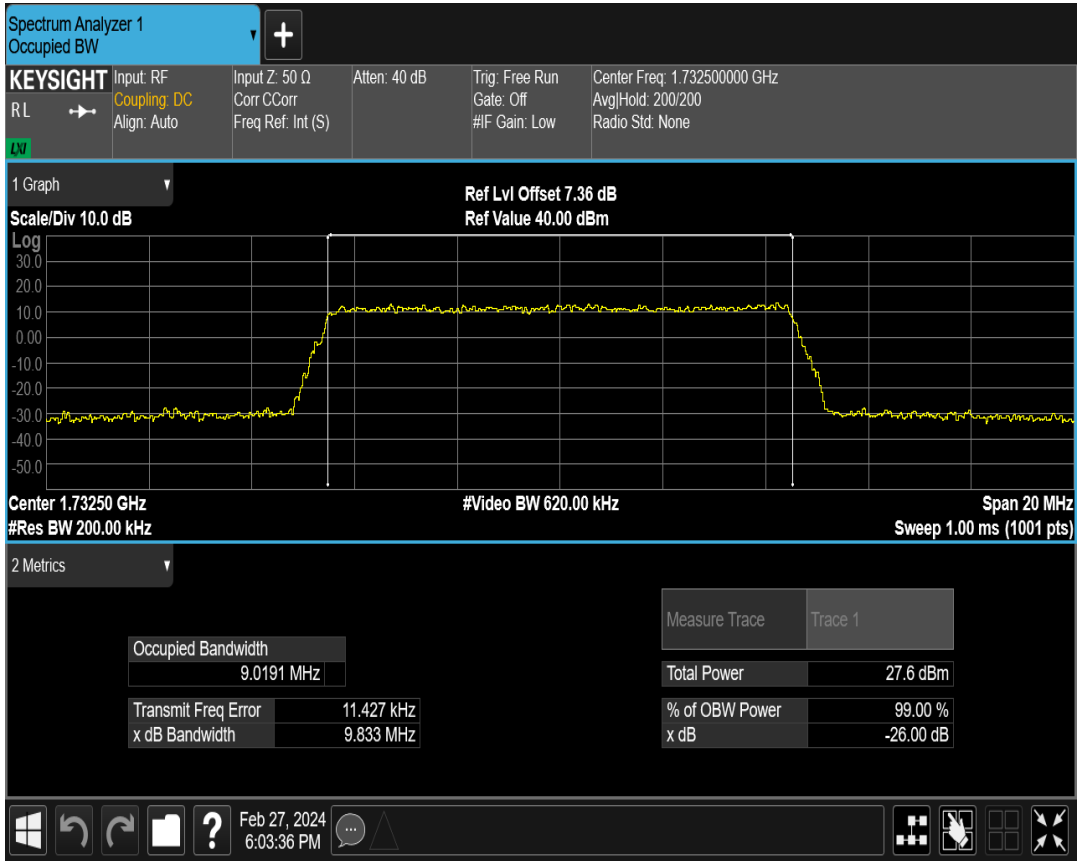


Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0

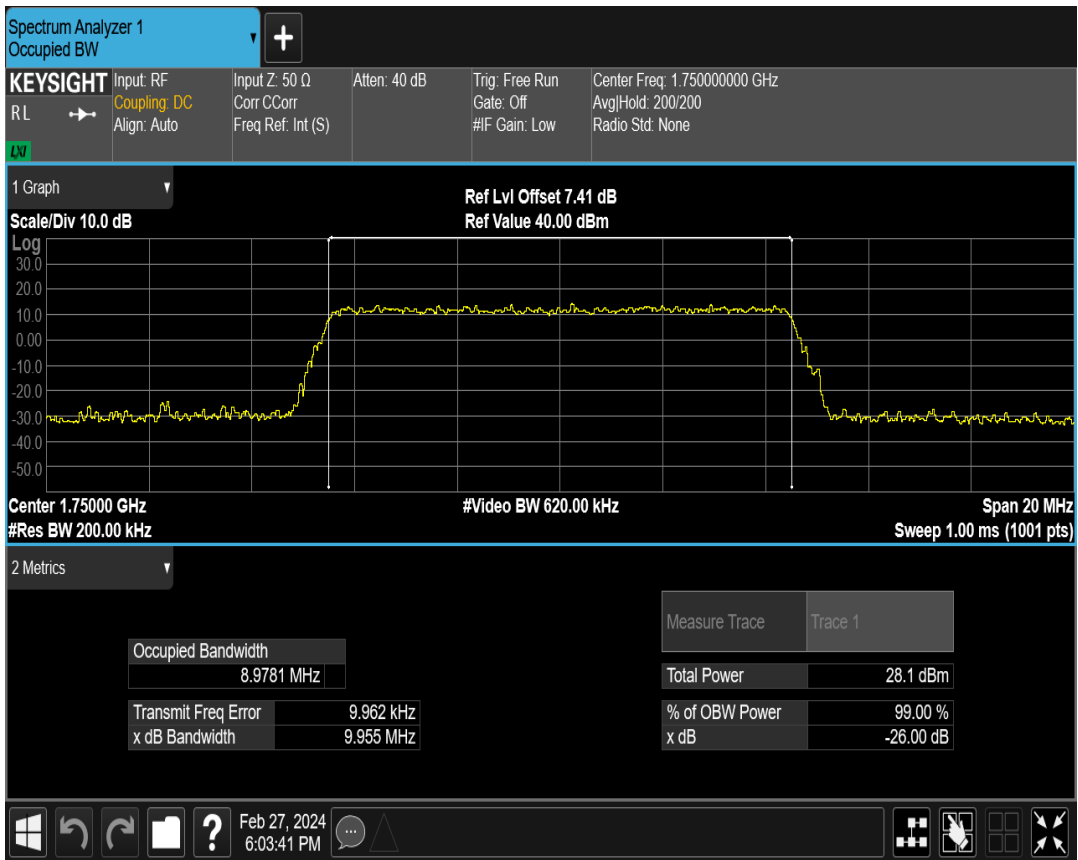


Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0

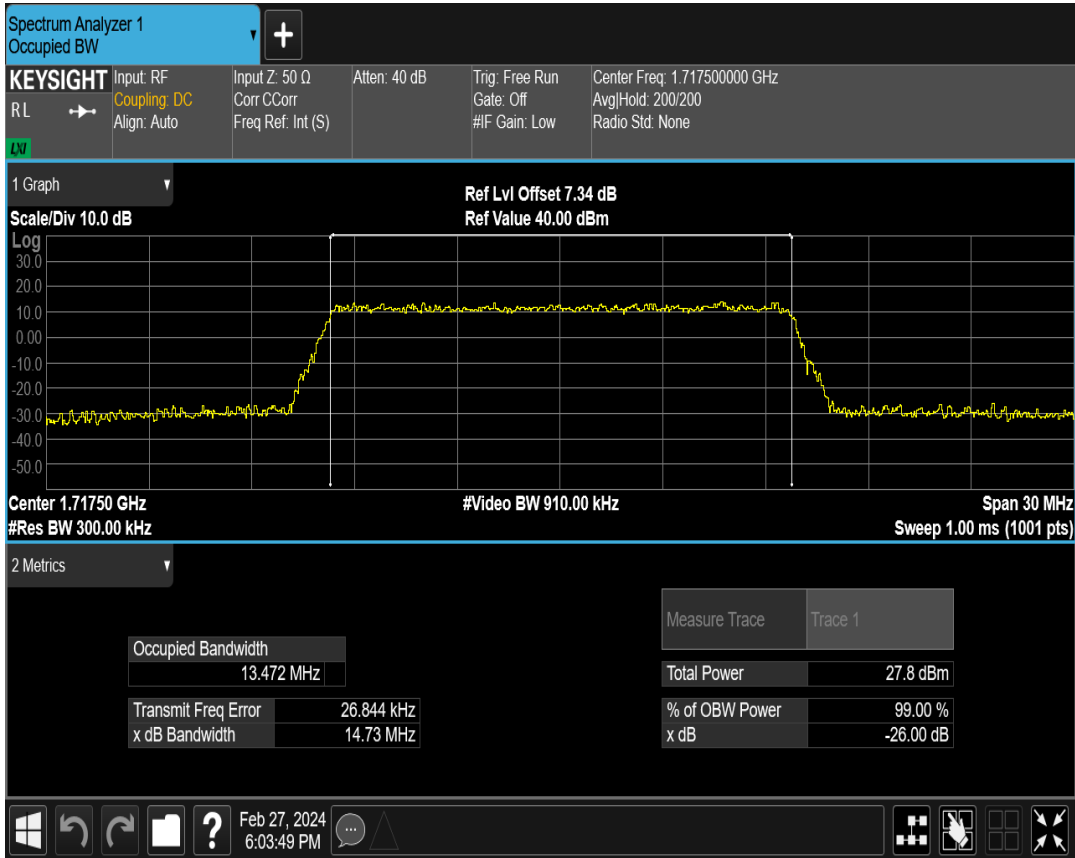




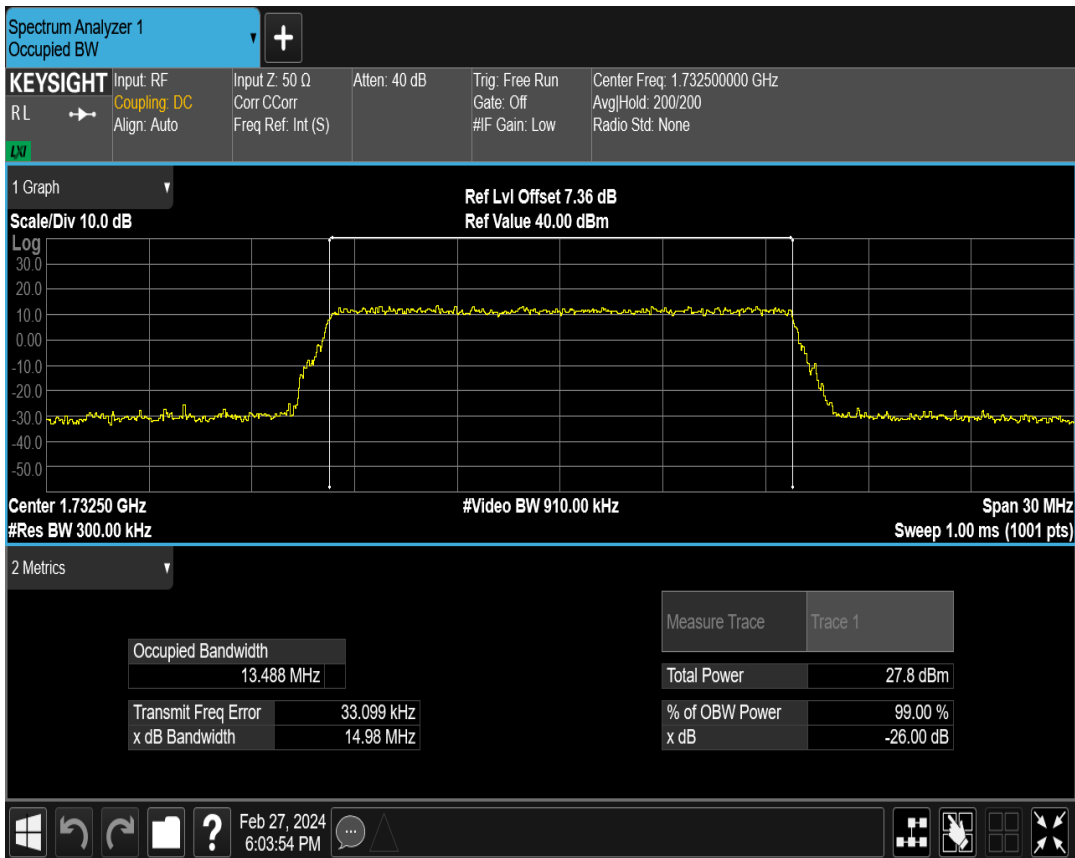
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



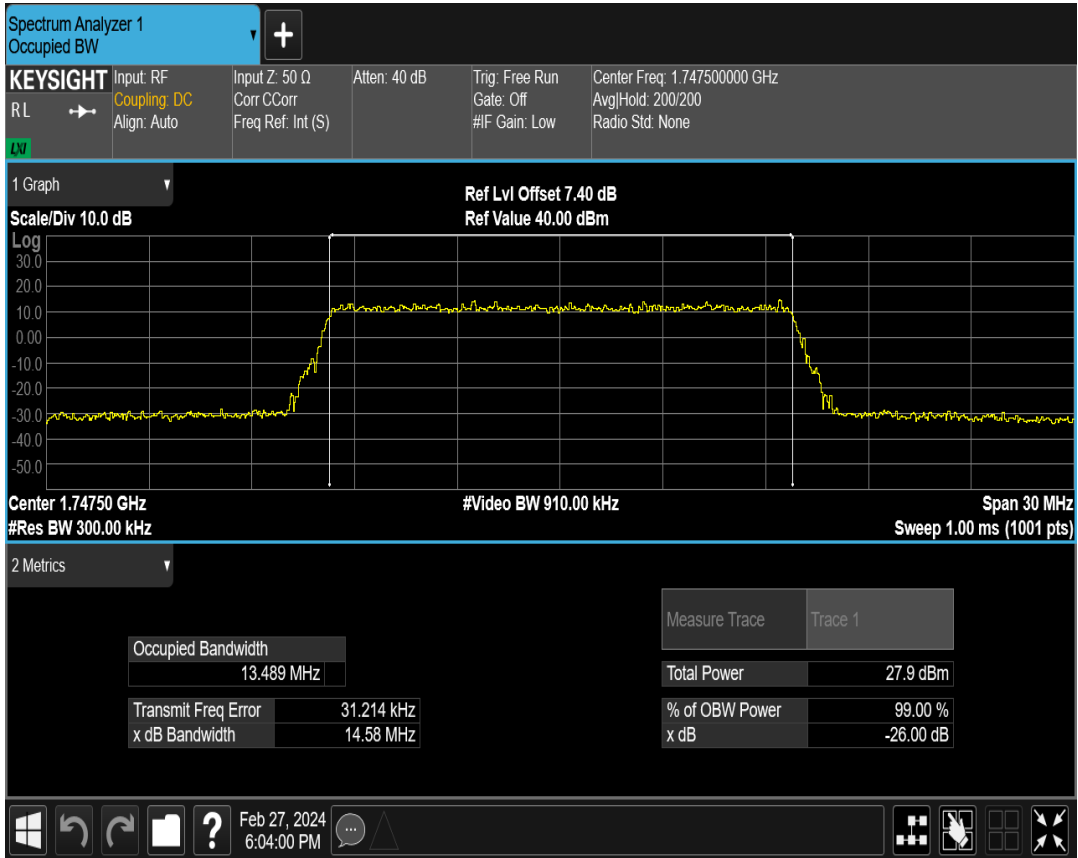
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



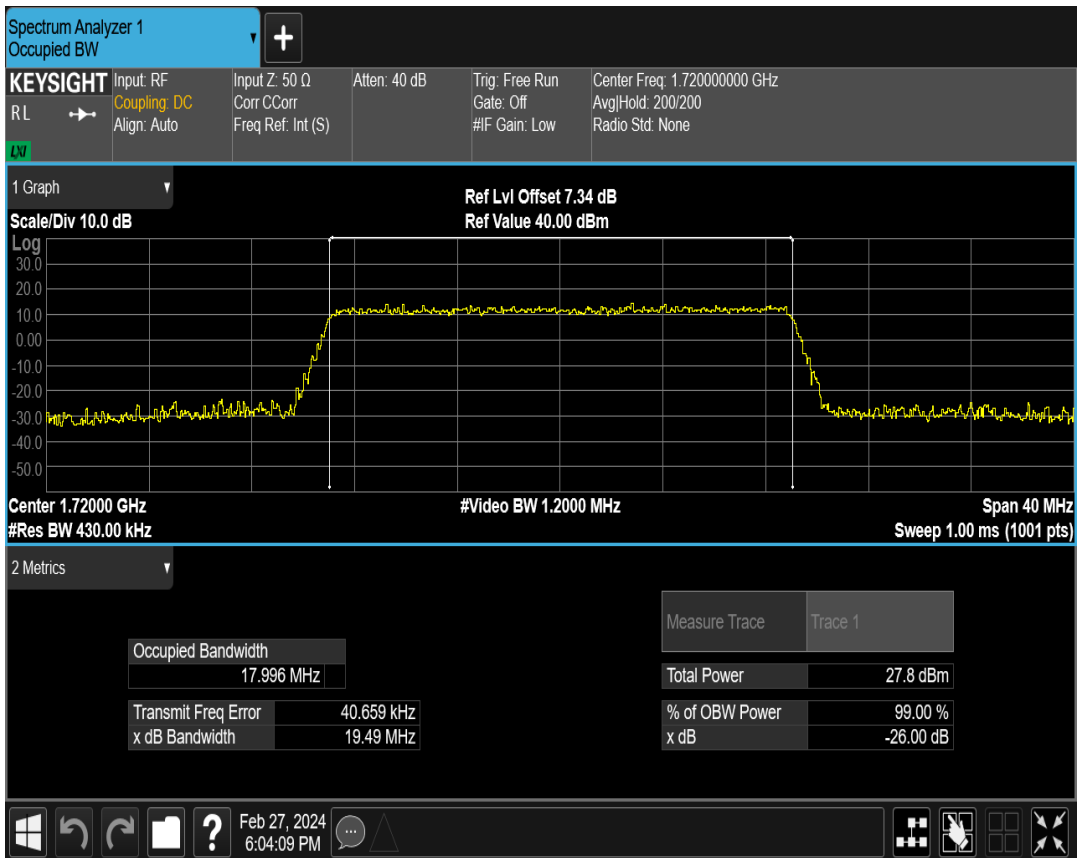
Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0



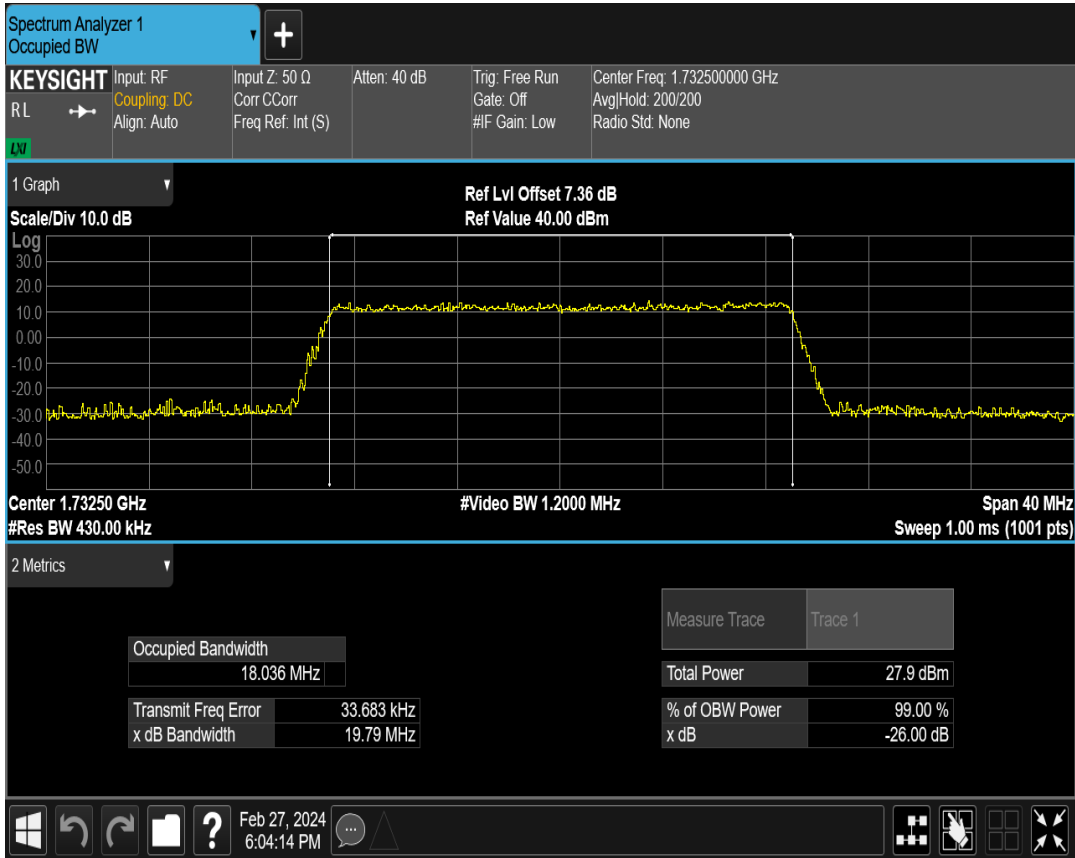
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



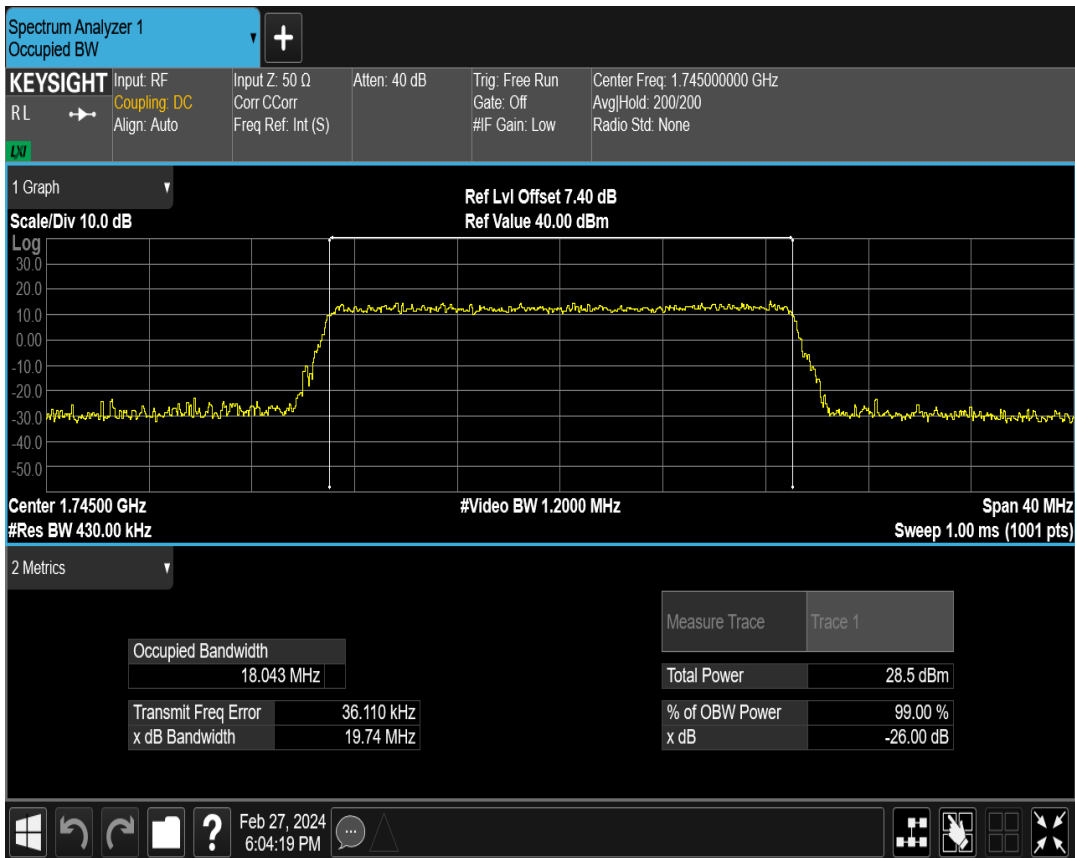
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



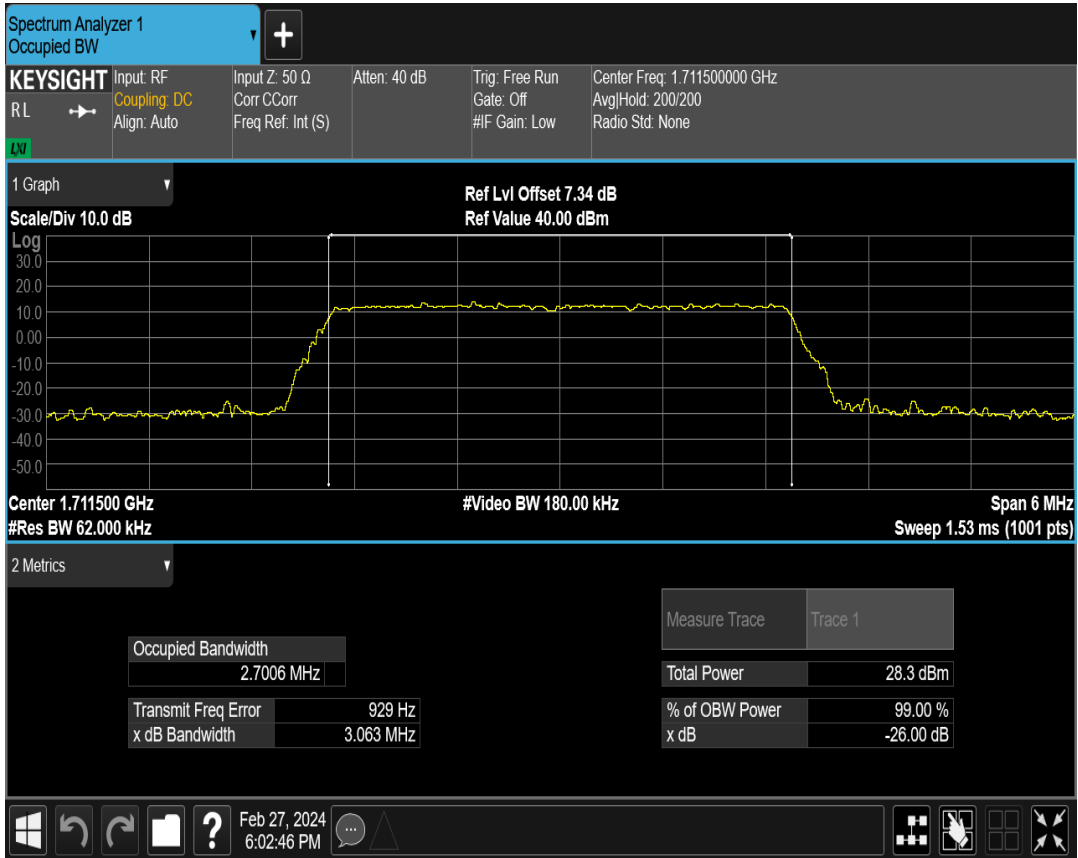
Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0



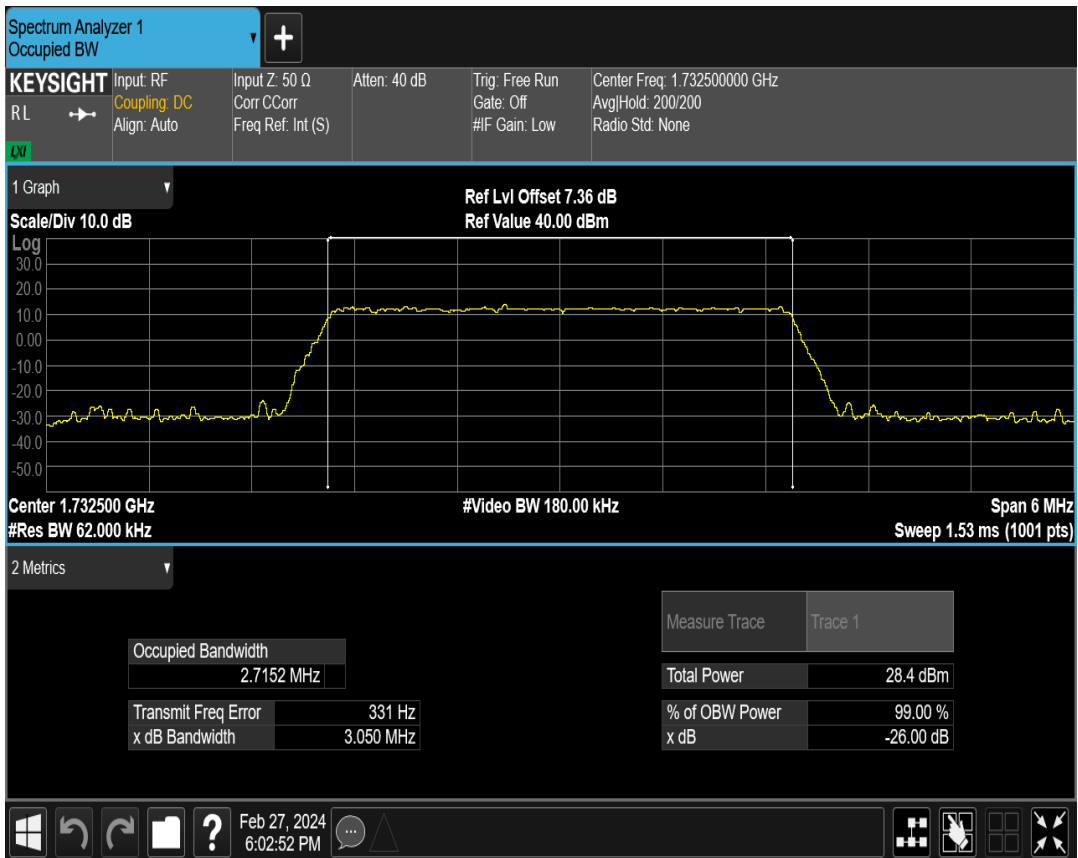
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



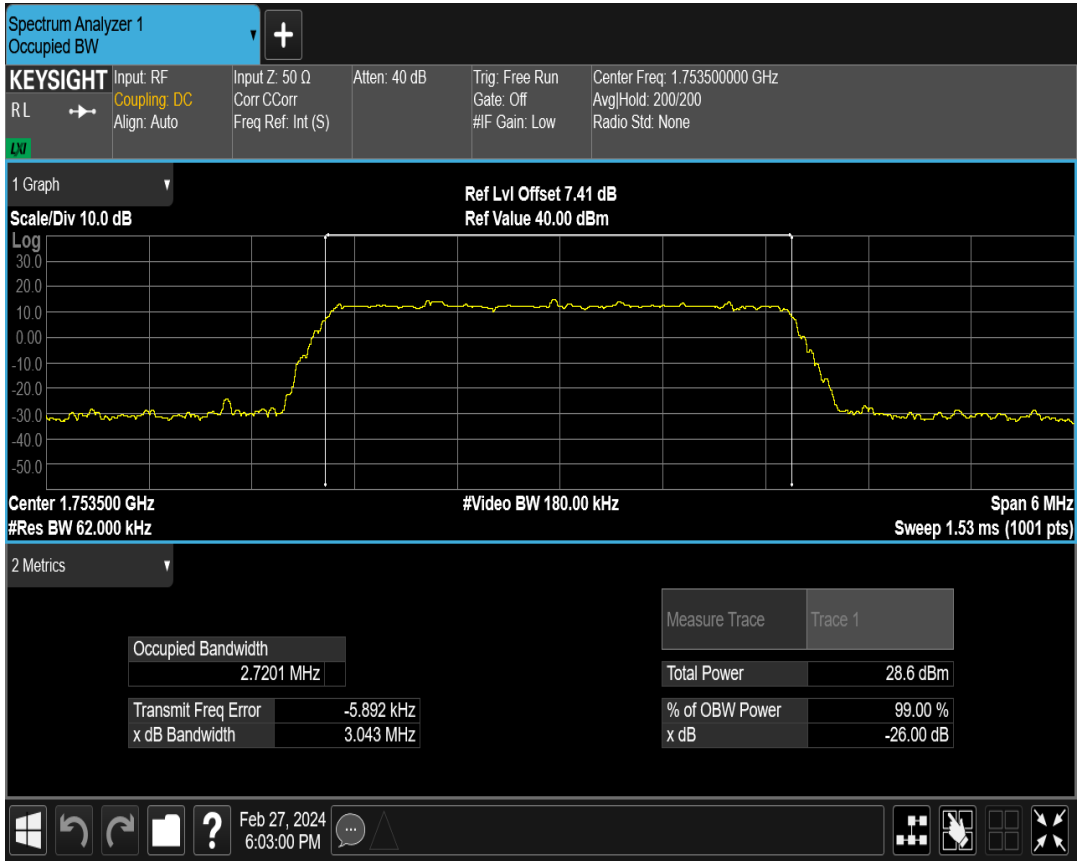
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



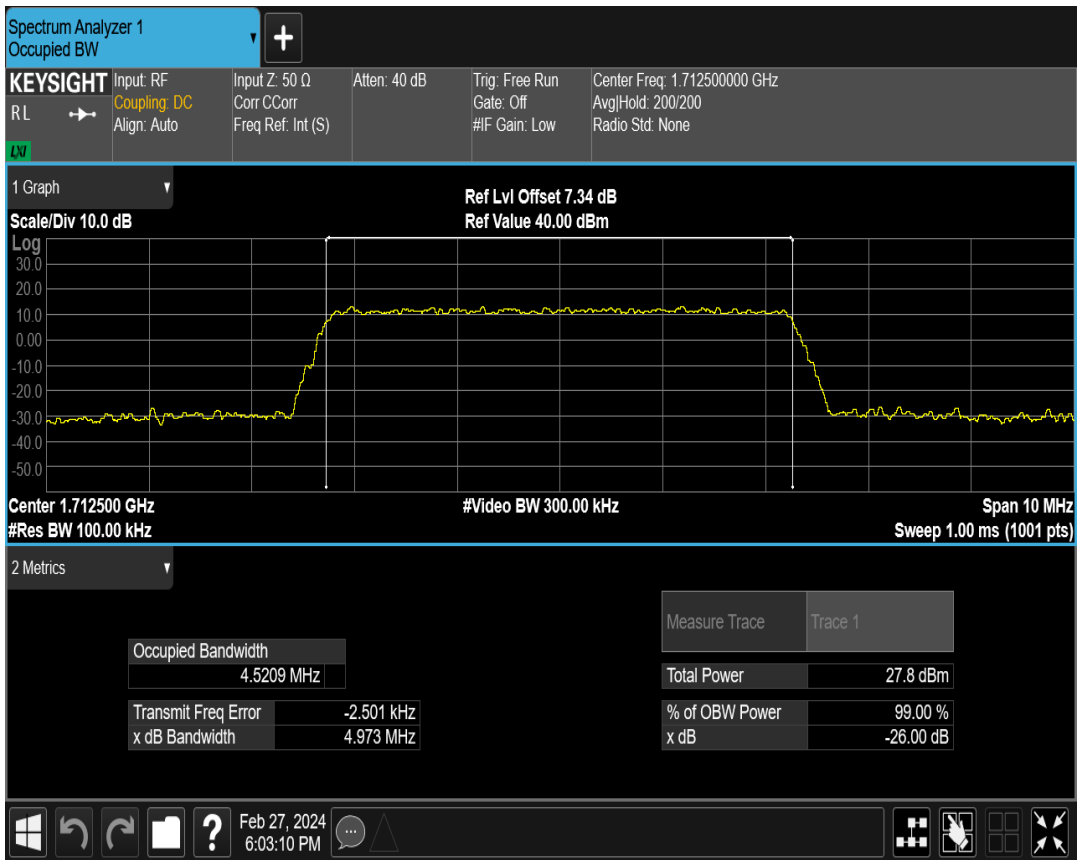
Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



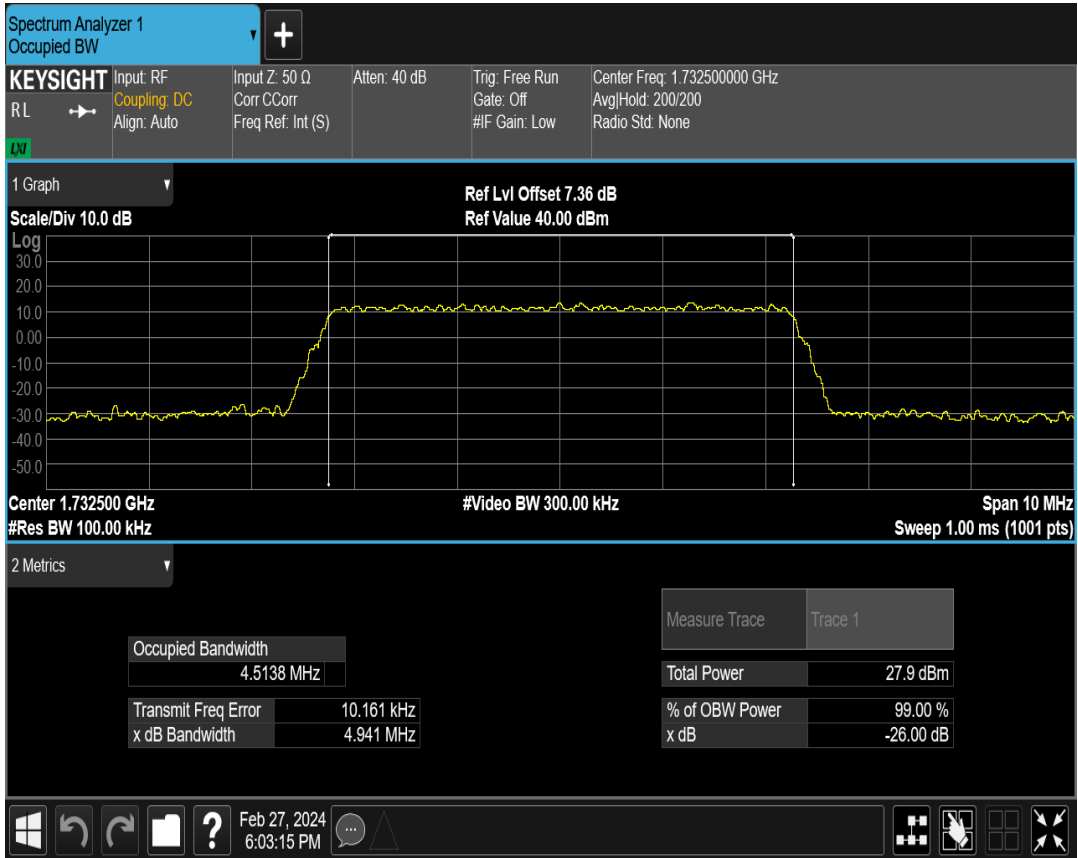
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



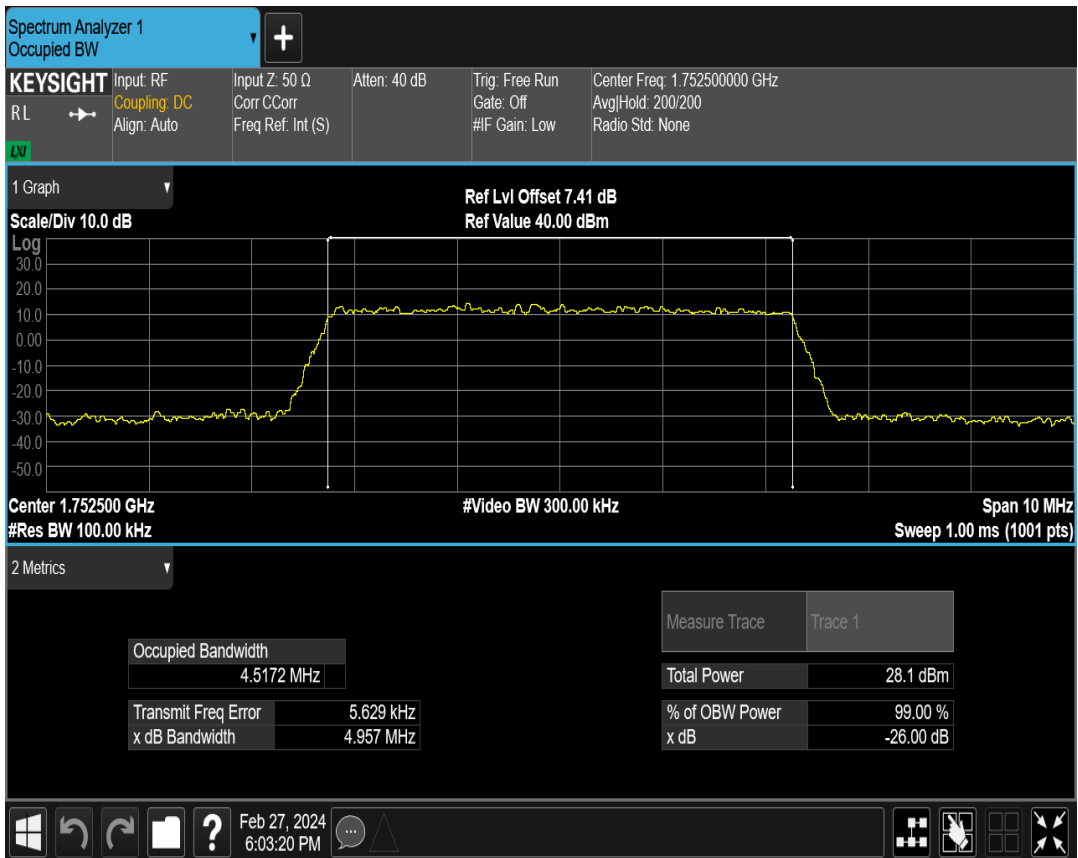
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



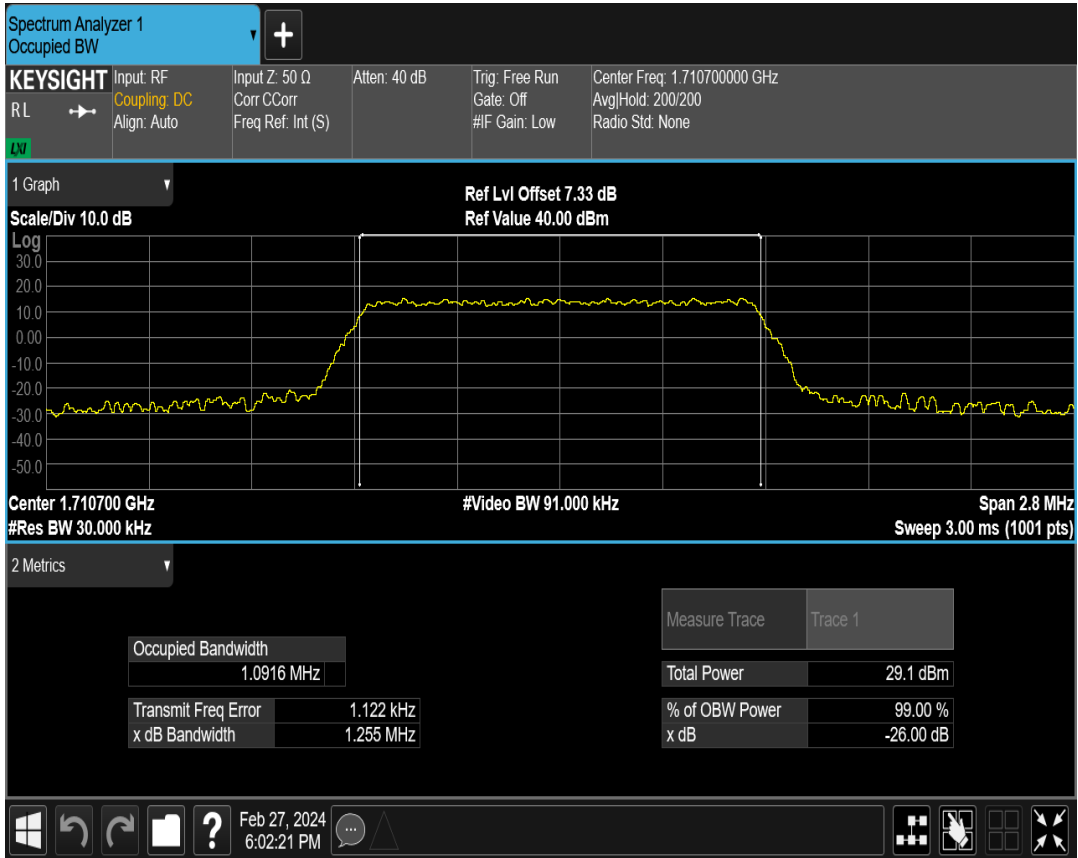
Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



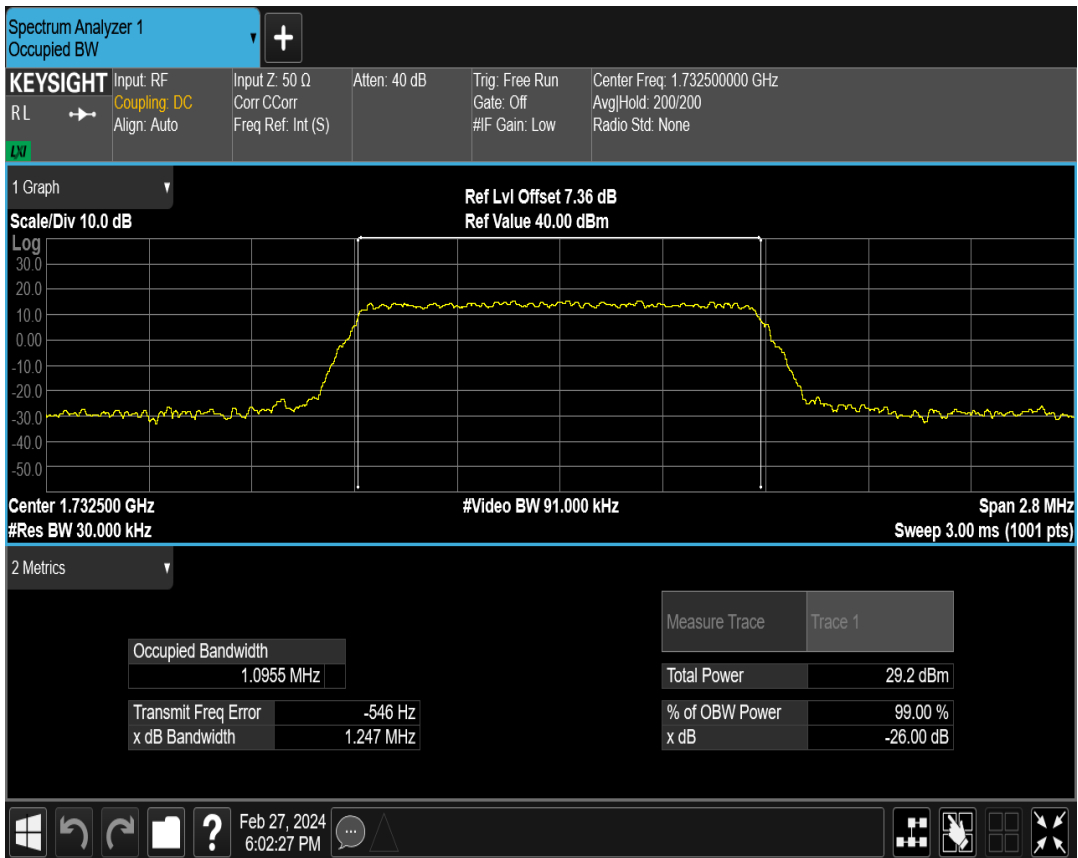
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



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

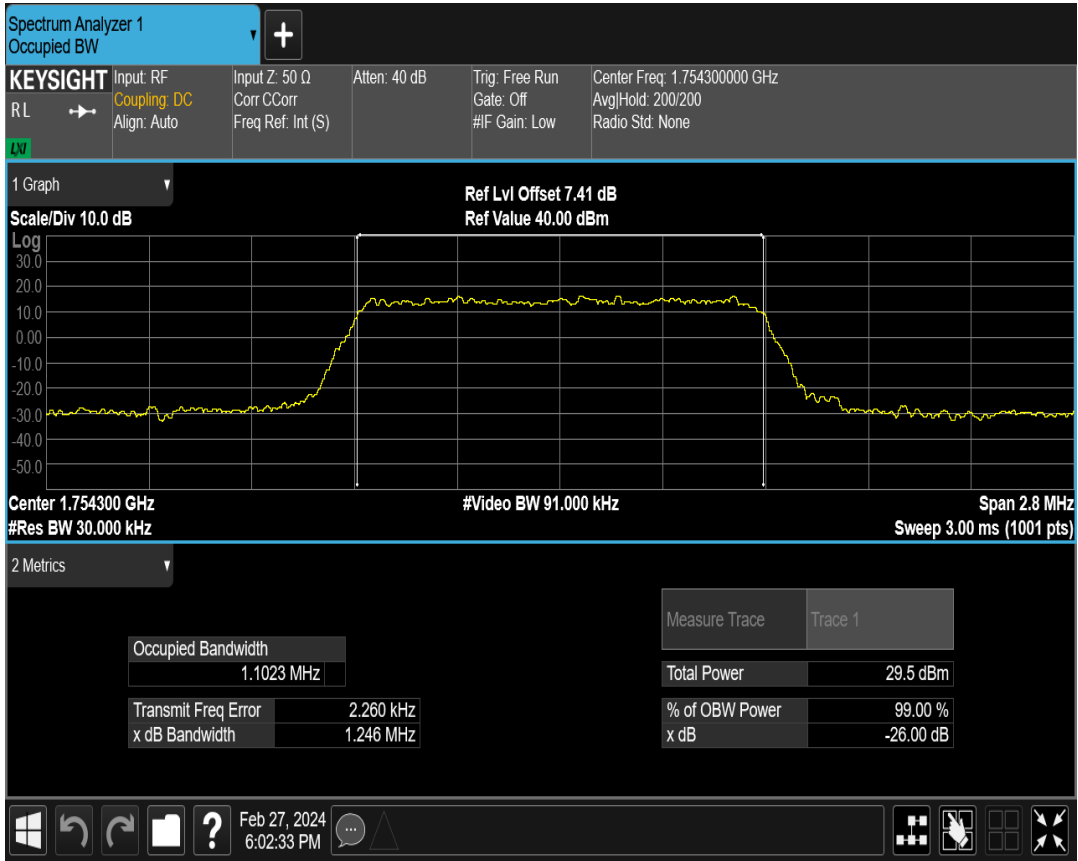


Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0

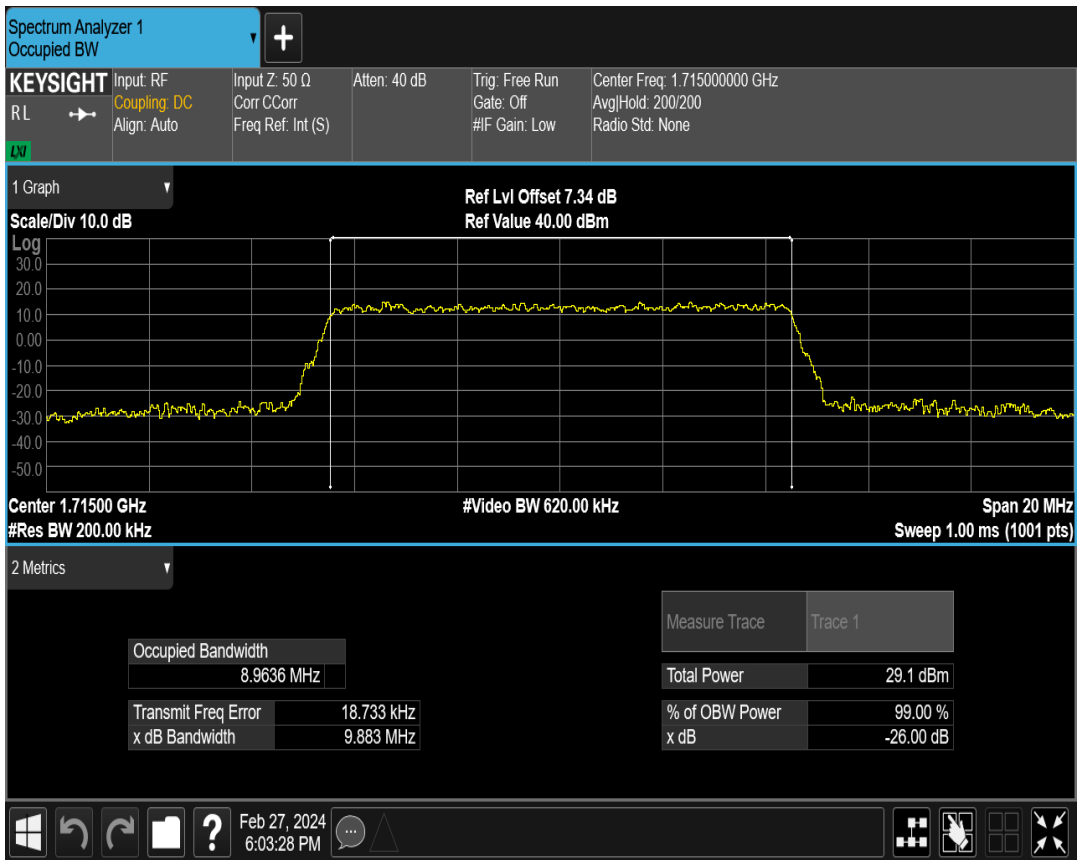


Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0

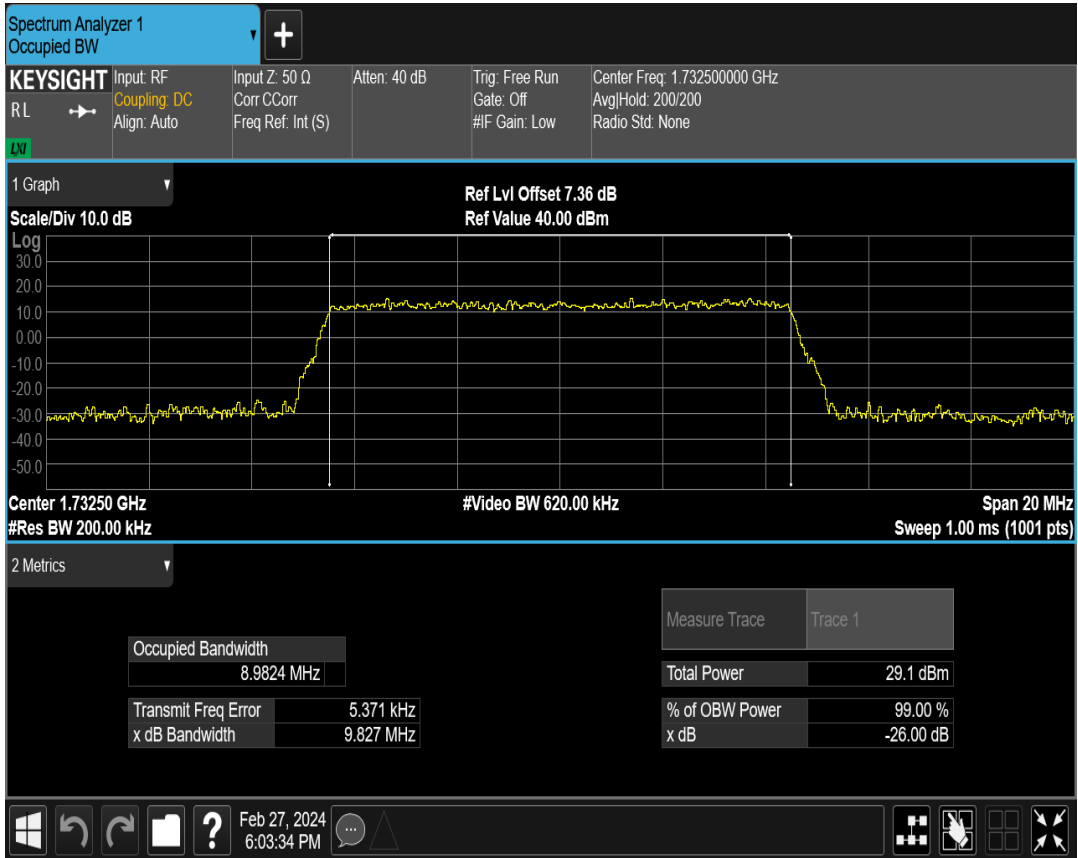




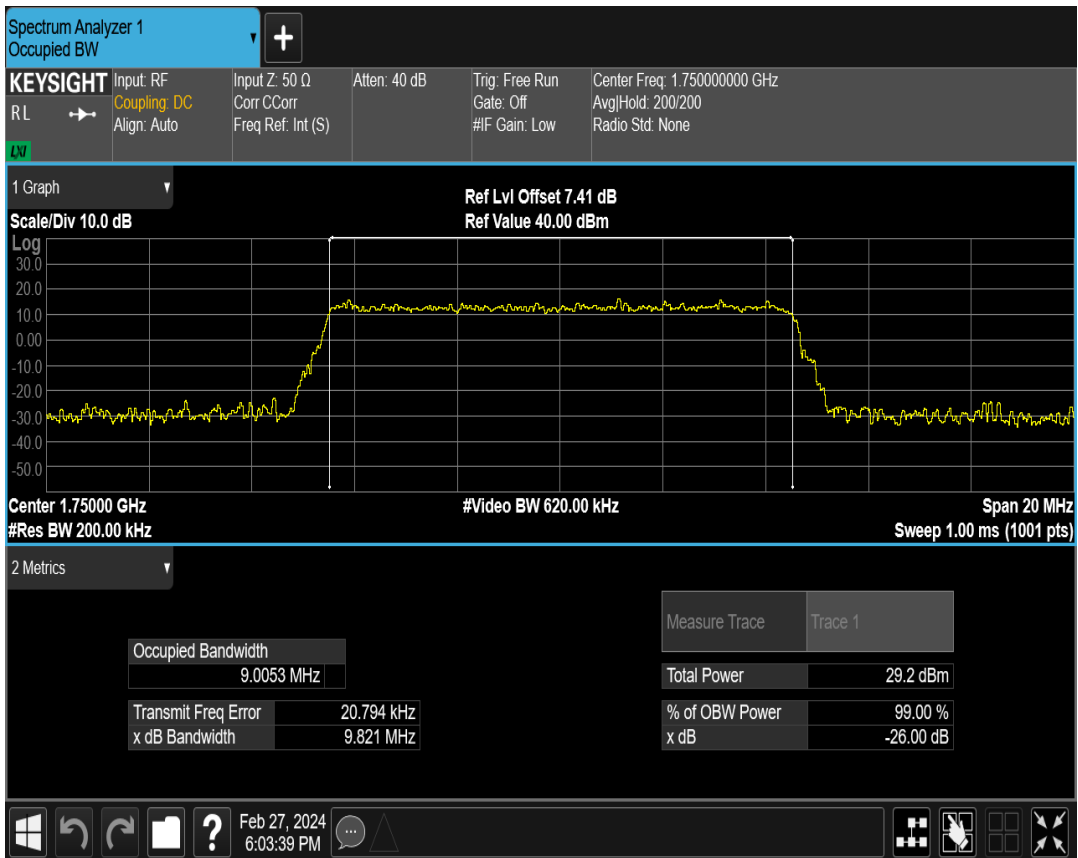
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



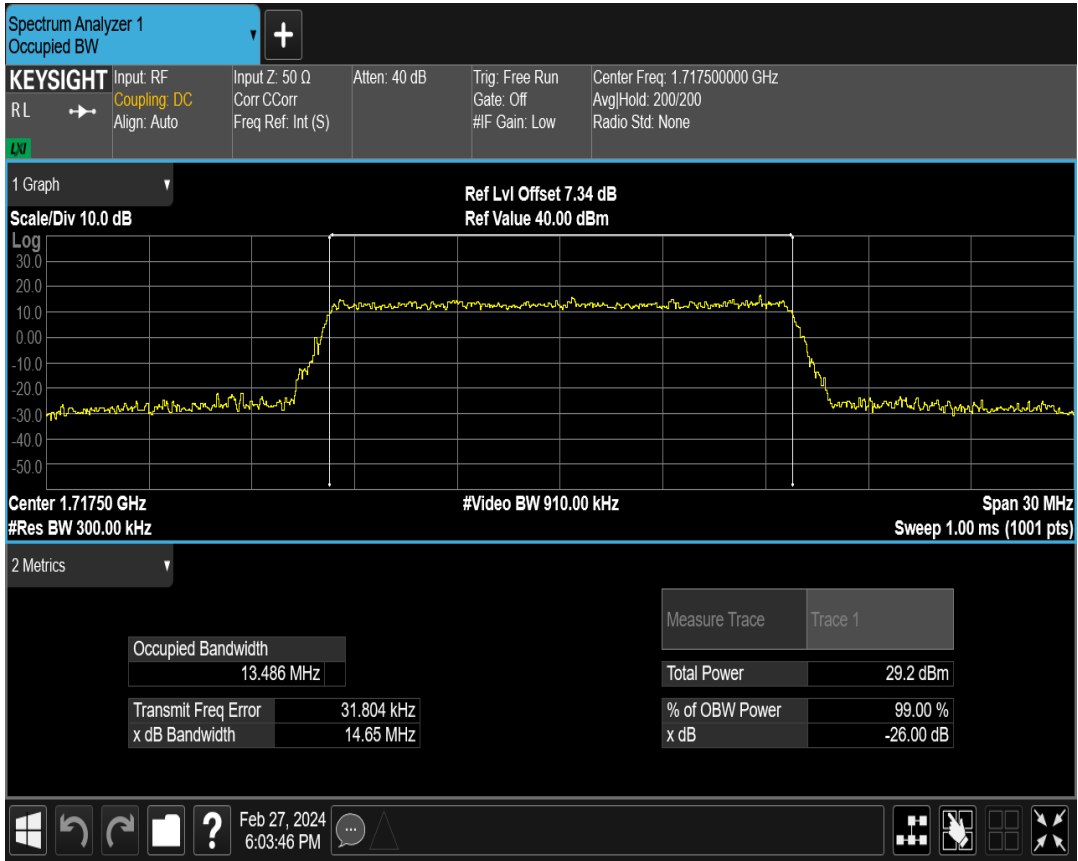
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



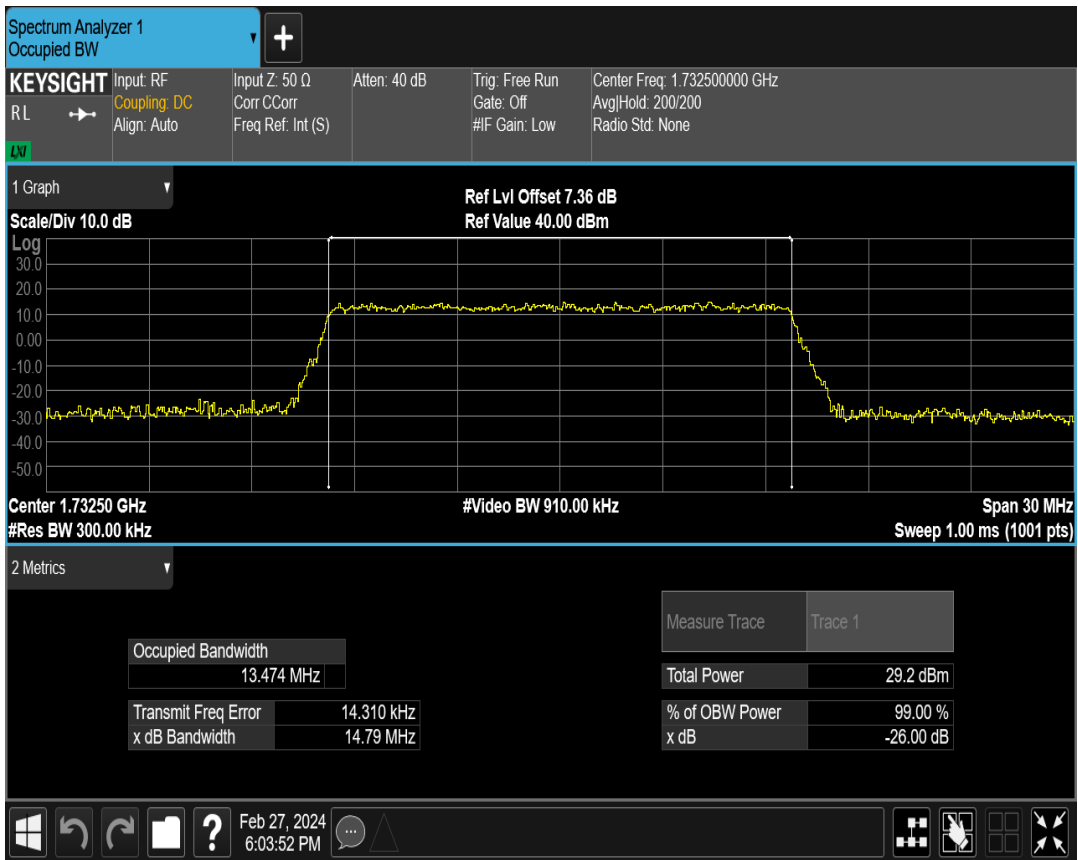
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



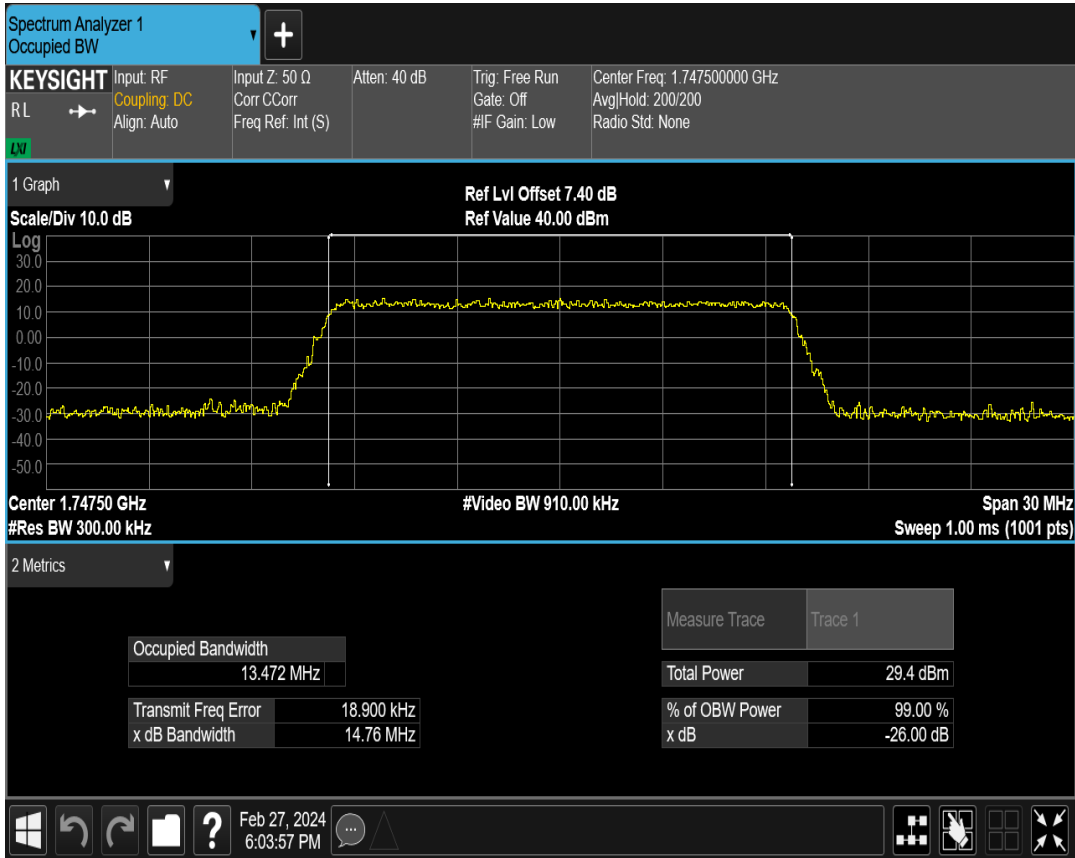
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



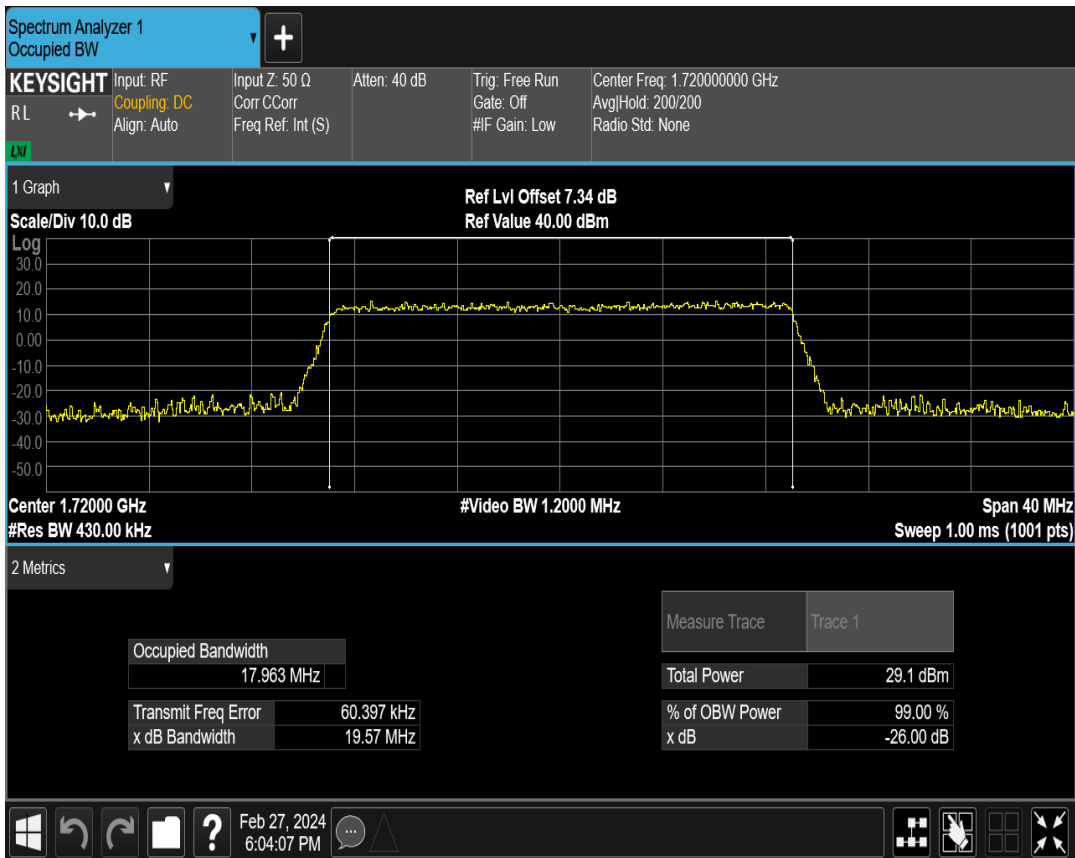
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



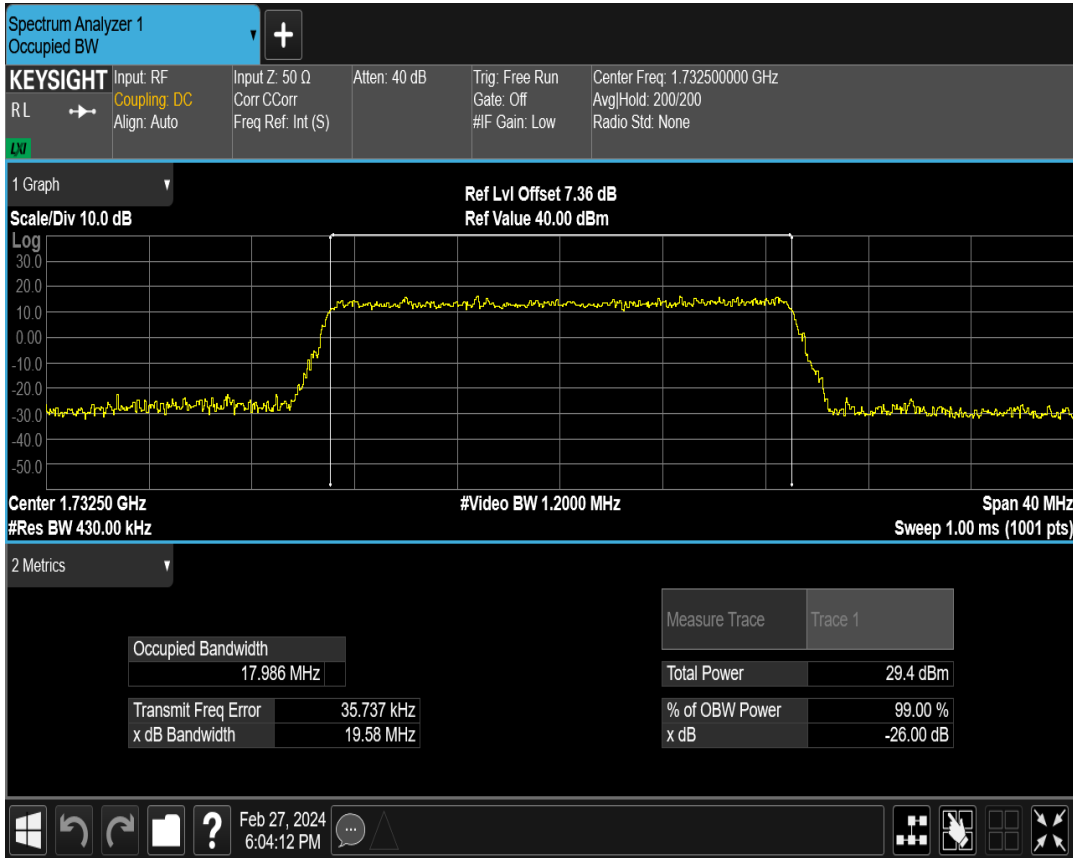
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



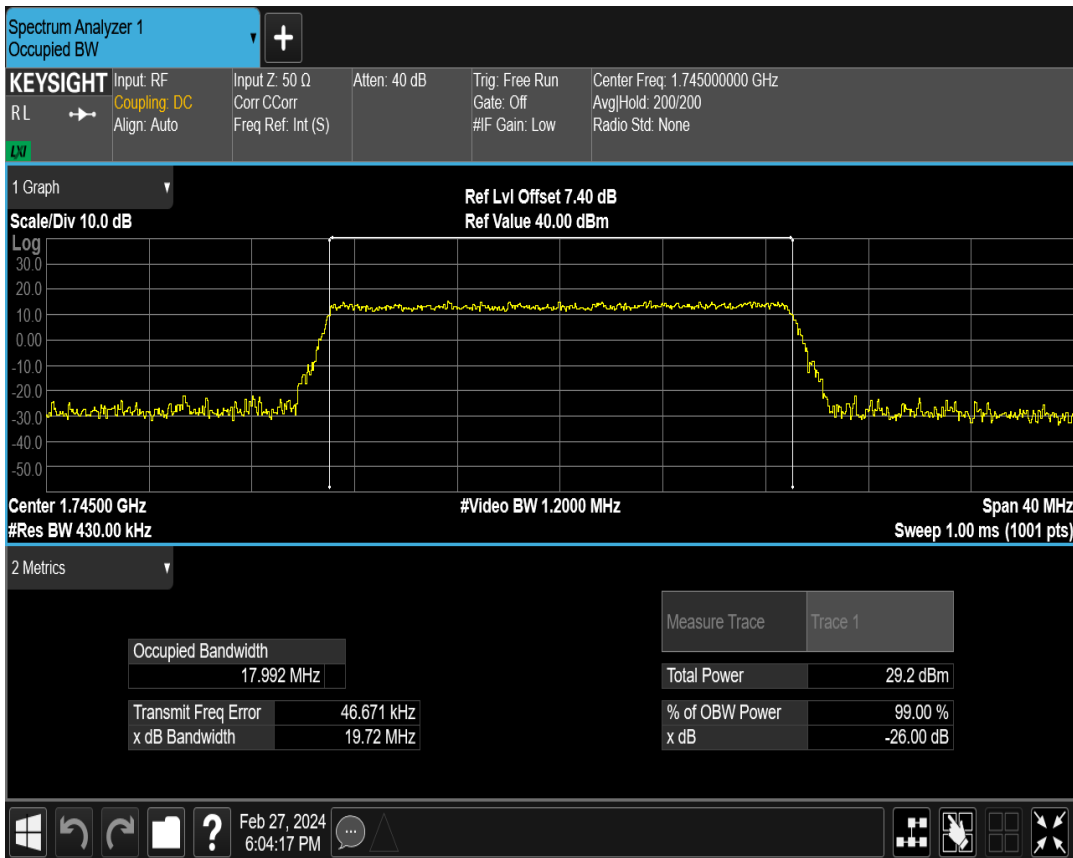
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



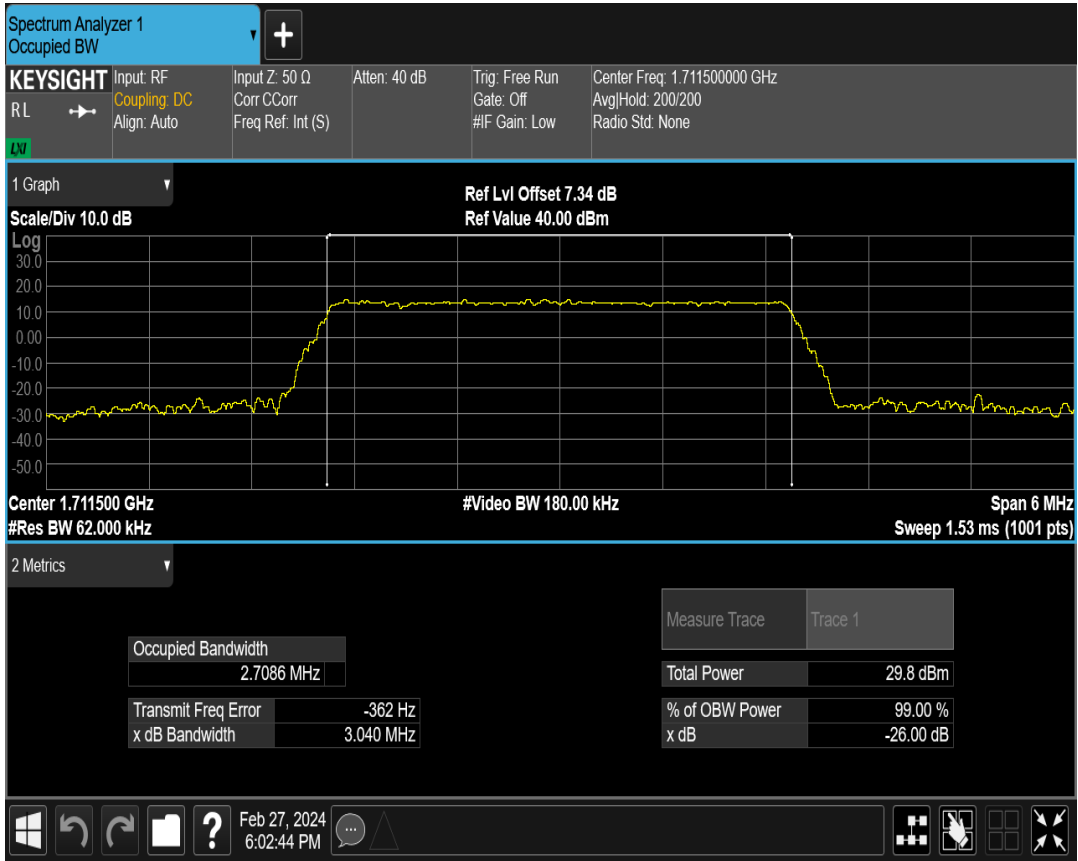
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



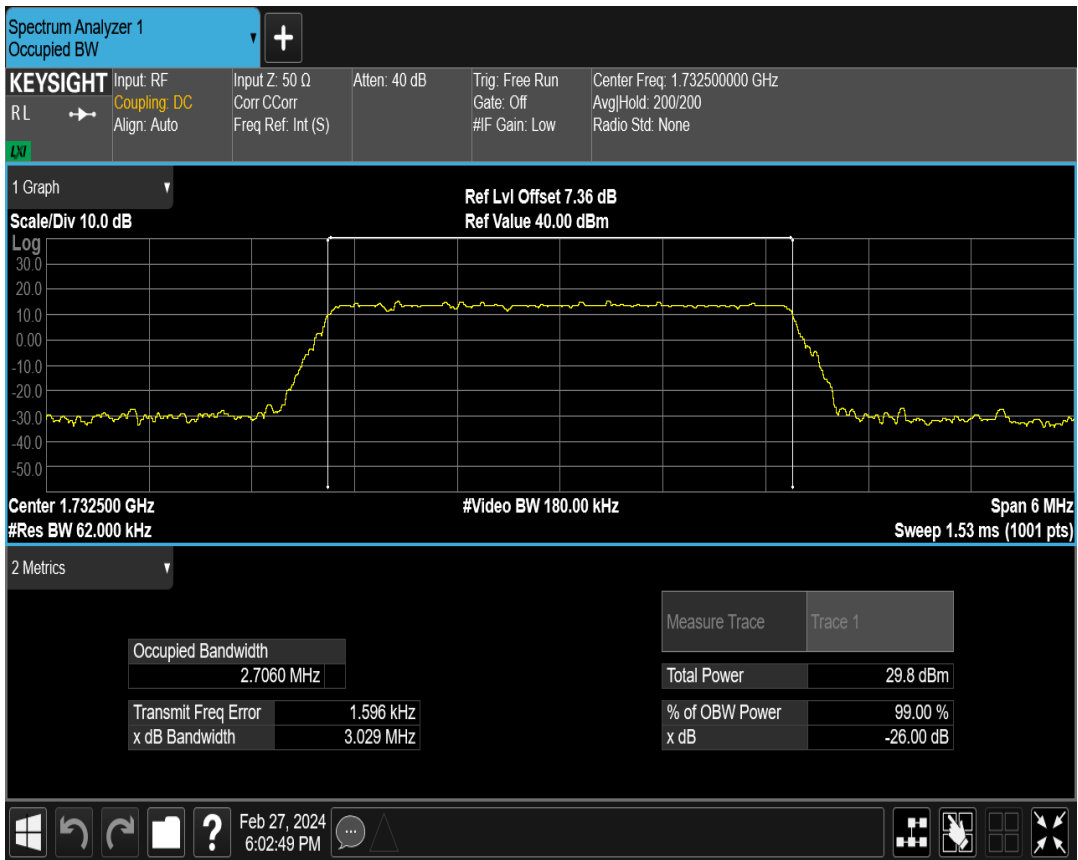
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



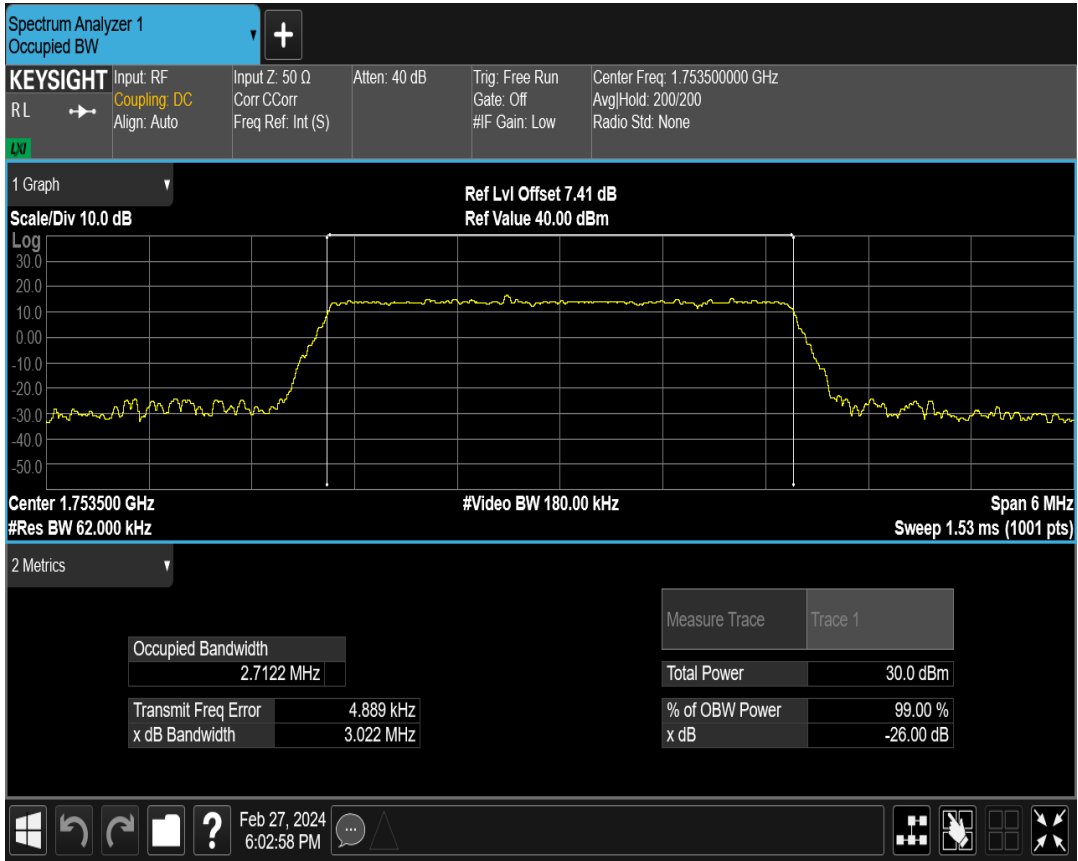
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



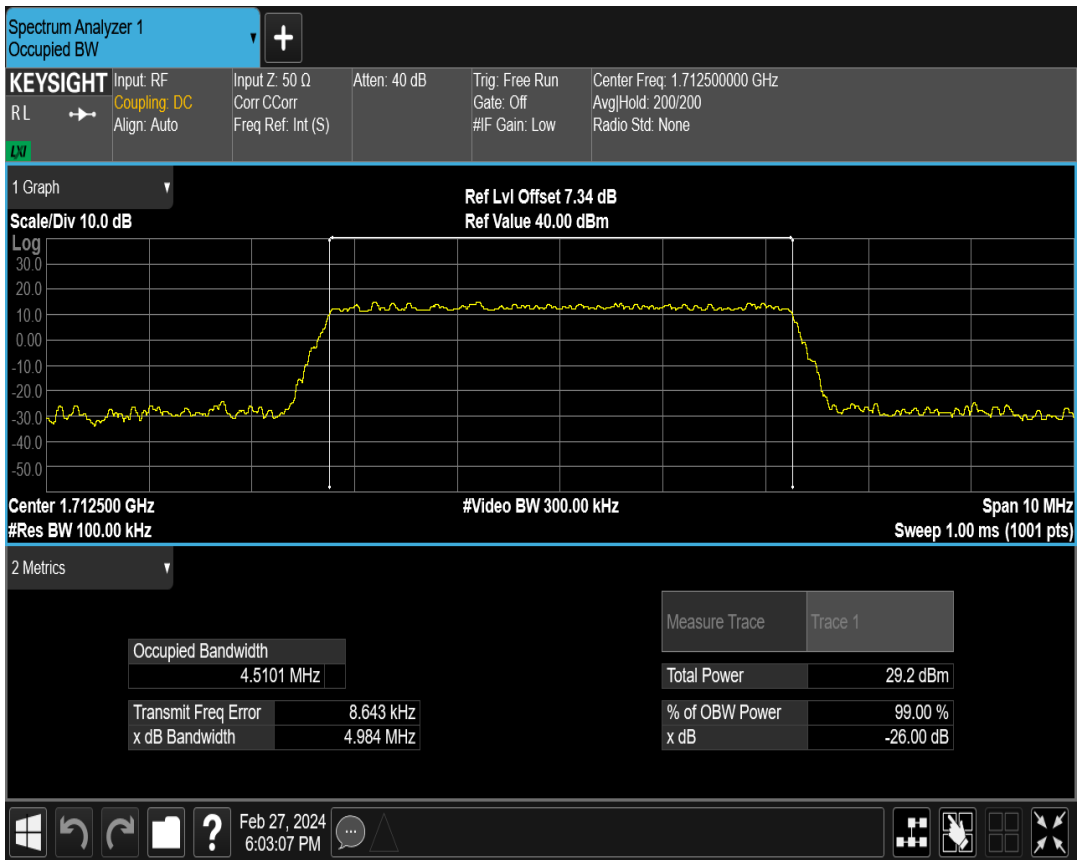
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



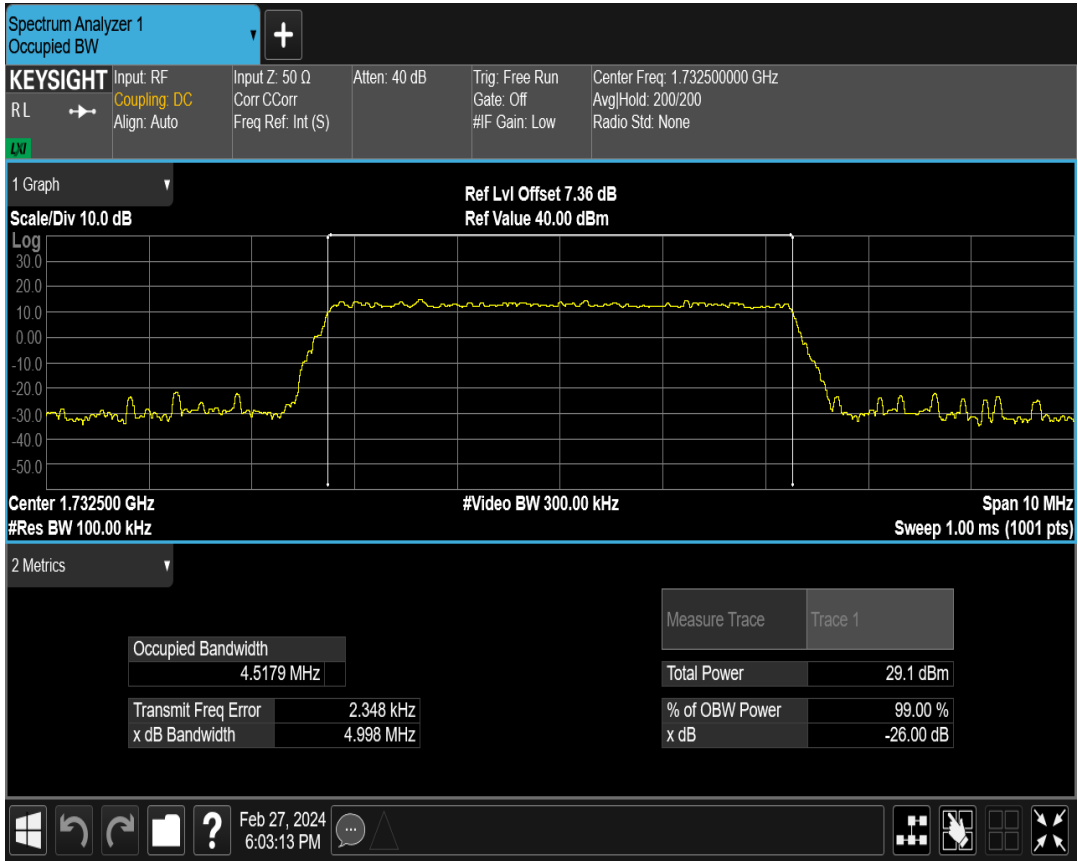
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



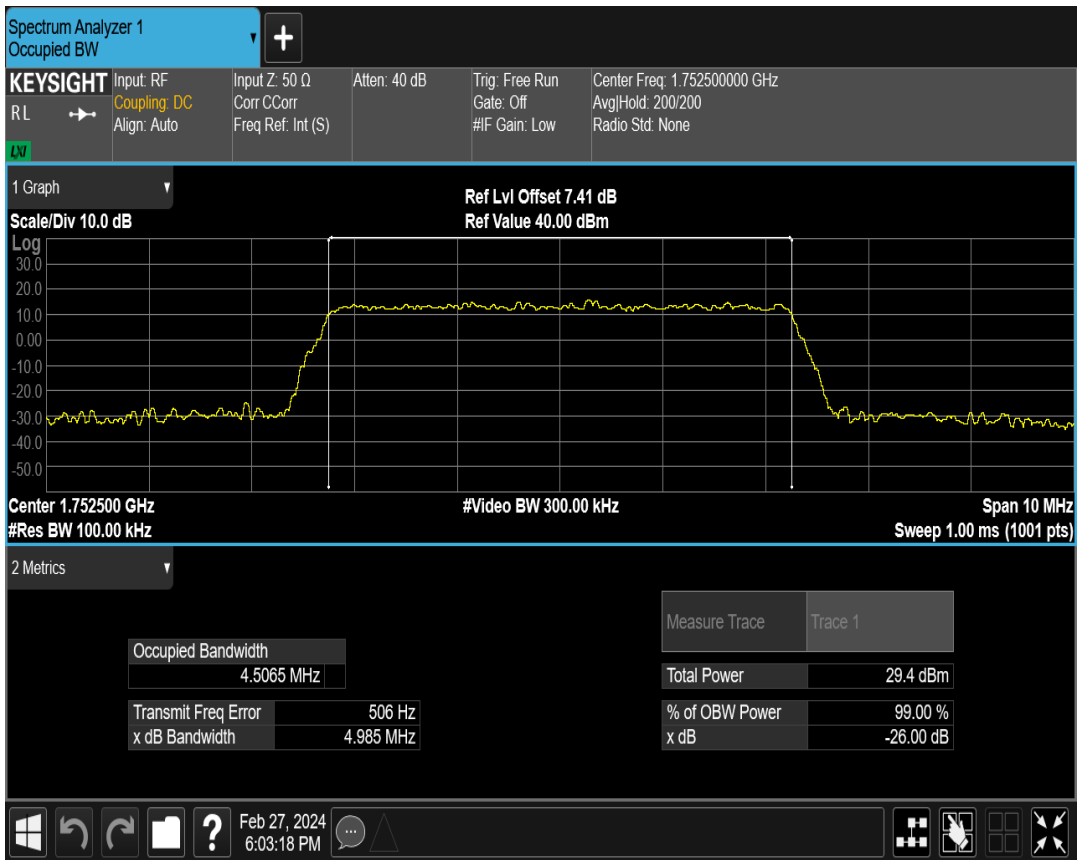
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



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



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

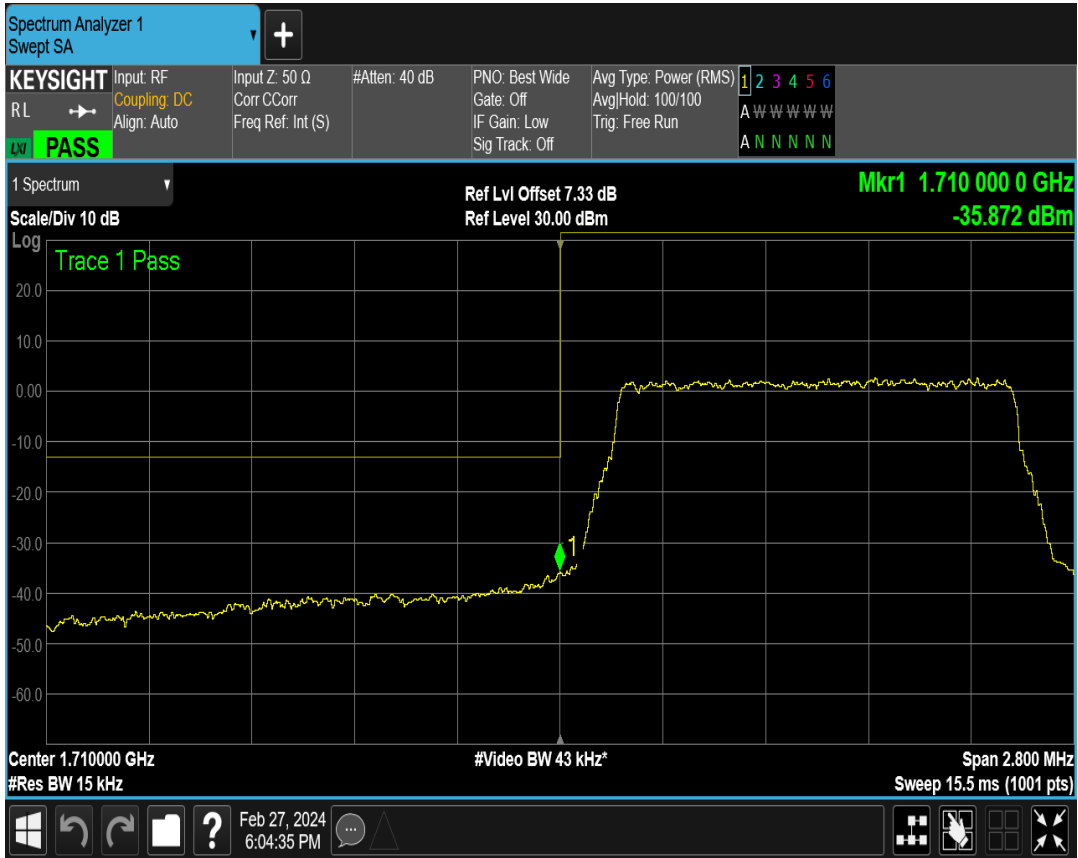


5 Band edge



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	-33.93	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1710.00	-35.87	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-36.61	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.01	-36.50	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-24.52	-13	PASS
Band4	3	19965	15	#0	QAM16	1710.00	-26.73	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-26.68	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.00	-26.28	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-33.30	-13	PASS
Band4	5	19975	25	#0	QAM16	1710.00	-33.55	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-33.24	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.02	-34.29	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.98	-35.82	-13	PASS
Band4	10	20000	50	#0	QAM16	1709.98	-37.89	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-34.57	-13	PASS
Band4	10	20350	50	#0	QAM16	1755.00	-35.42	-13	PASS
Band4	15	20025	75	#0	QPSK	1710.00	-33.91	-13	PASS
Band4	15	20025	75	#0	QAM16	1710.00	-34.58	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.00	-35.23	-13	PASS
Band4	15	20325	75	#0	QAM16	1755.06	-37.22	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.84	-40.36	-13	PASS
Band4	20	20050	100	#0	QAM16	1710.00	-39.24	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.04	-37.65	-13	PASS
Band4	20	20300	100	#0	QAM16	1755.00	-36.31	-13	PASS

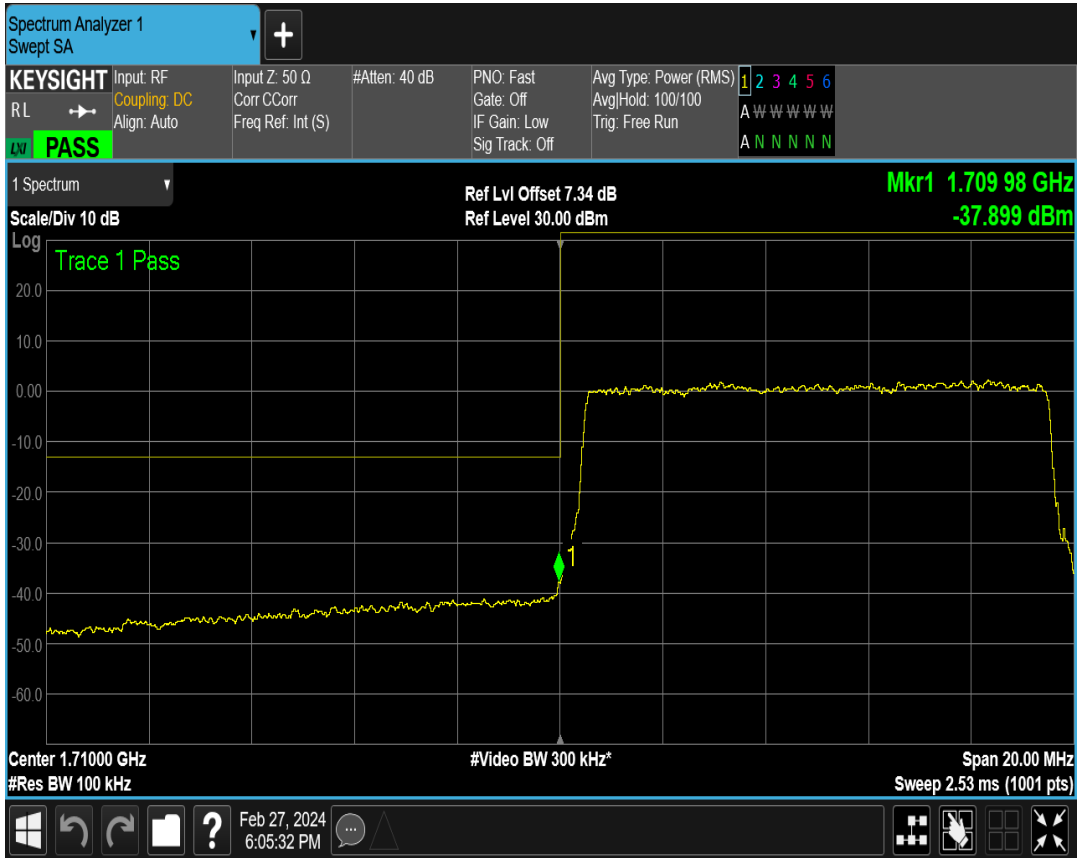
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



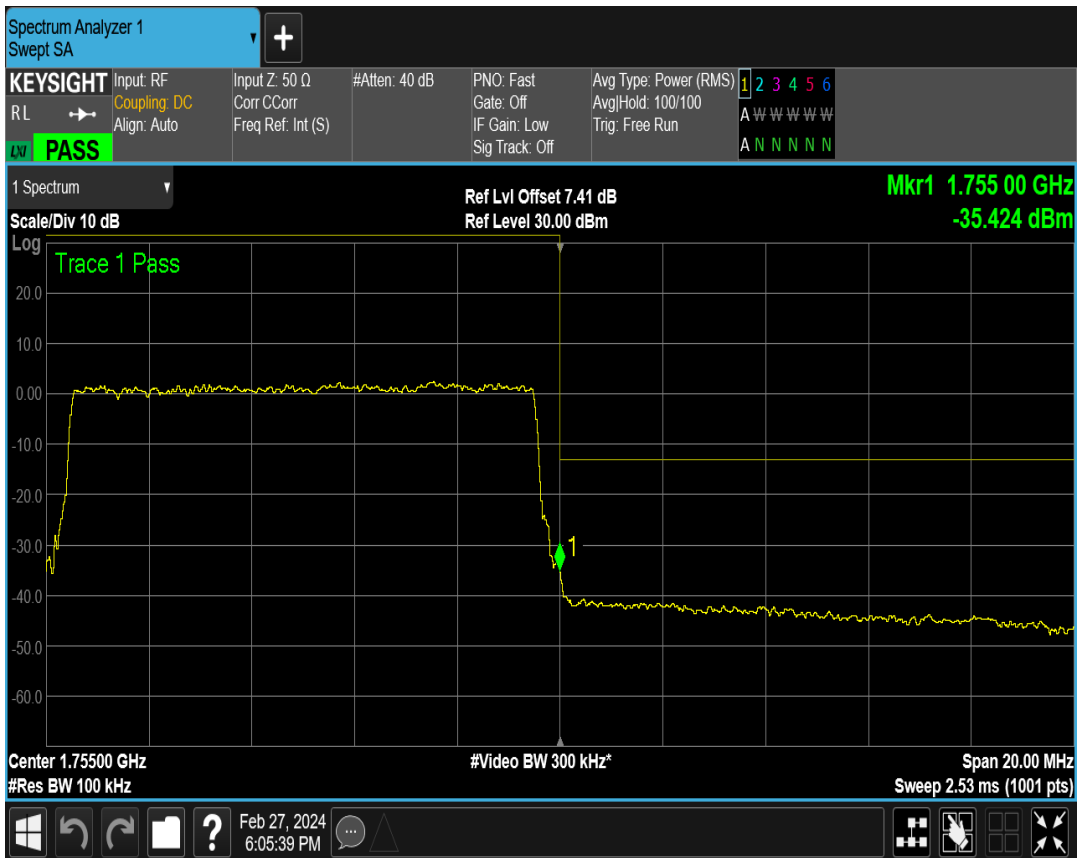
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



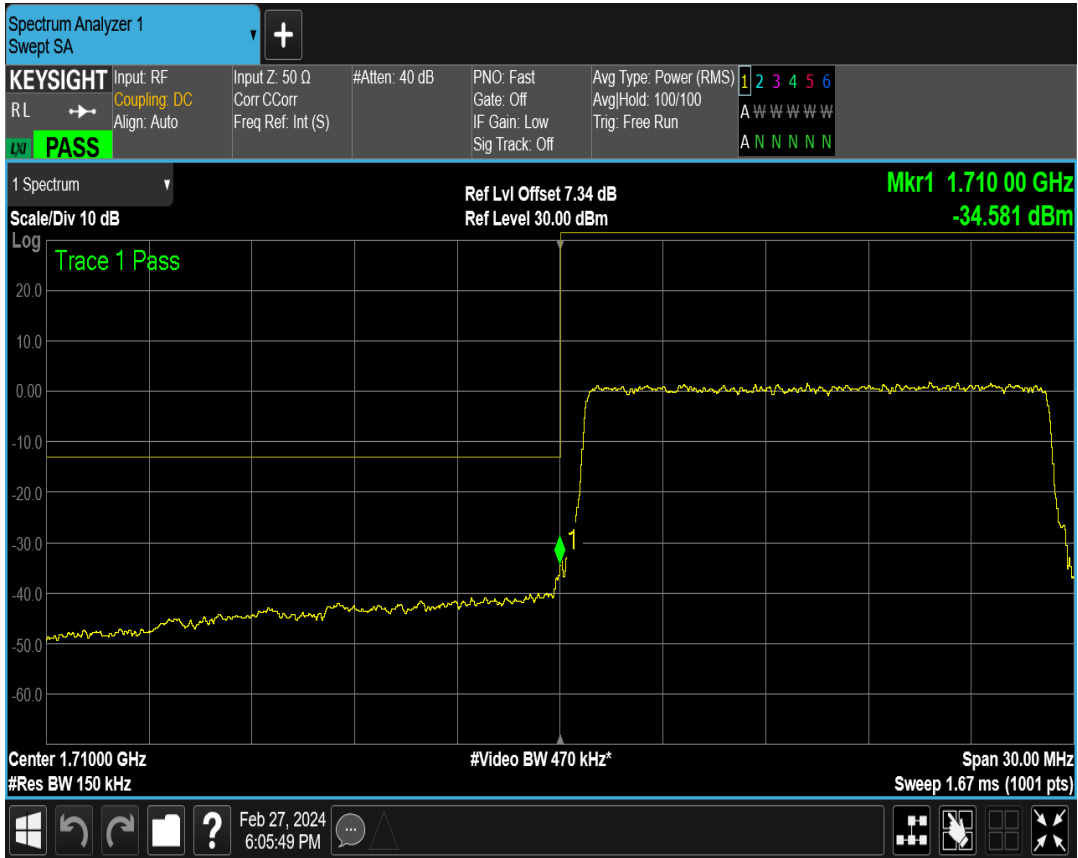
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



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



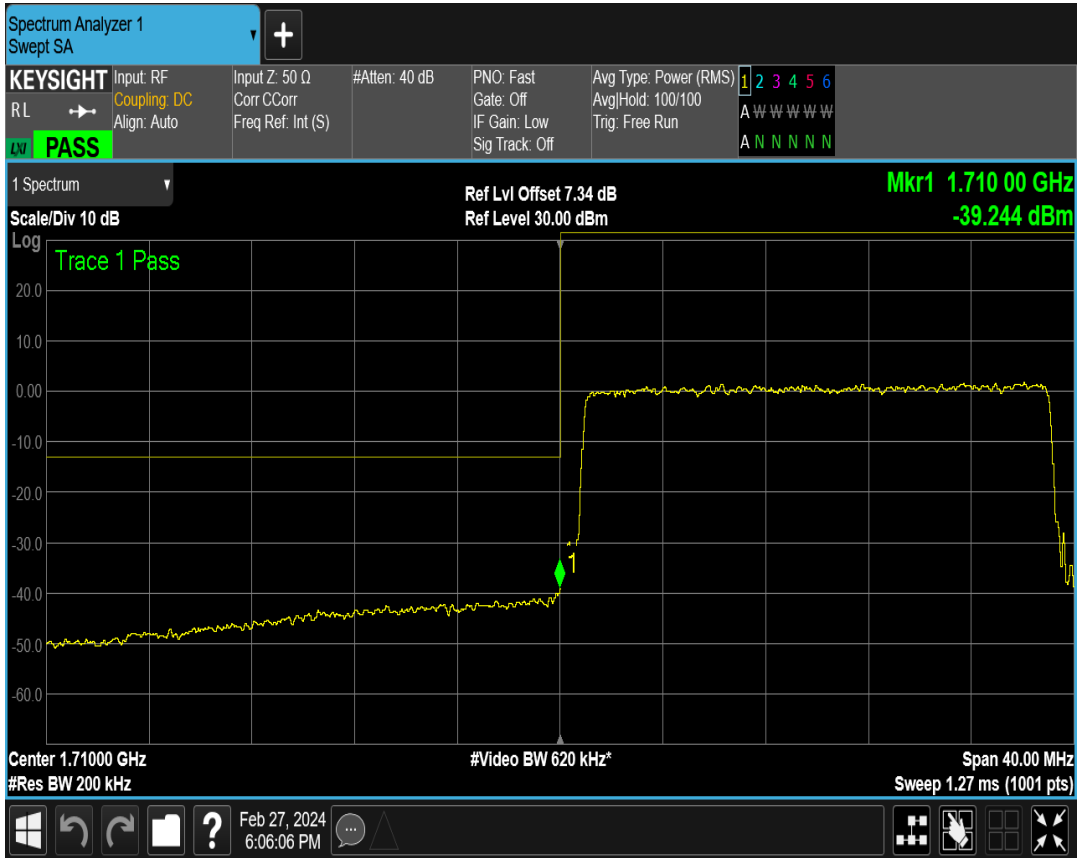
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



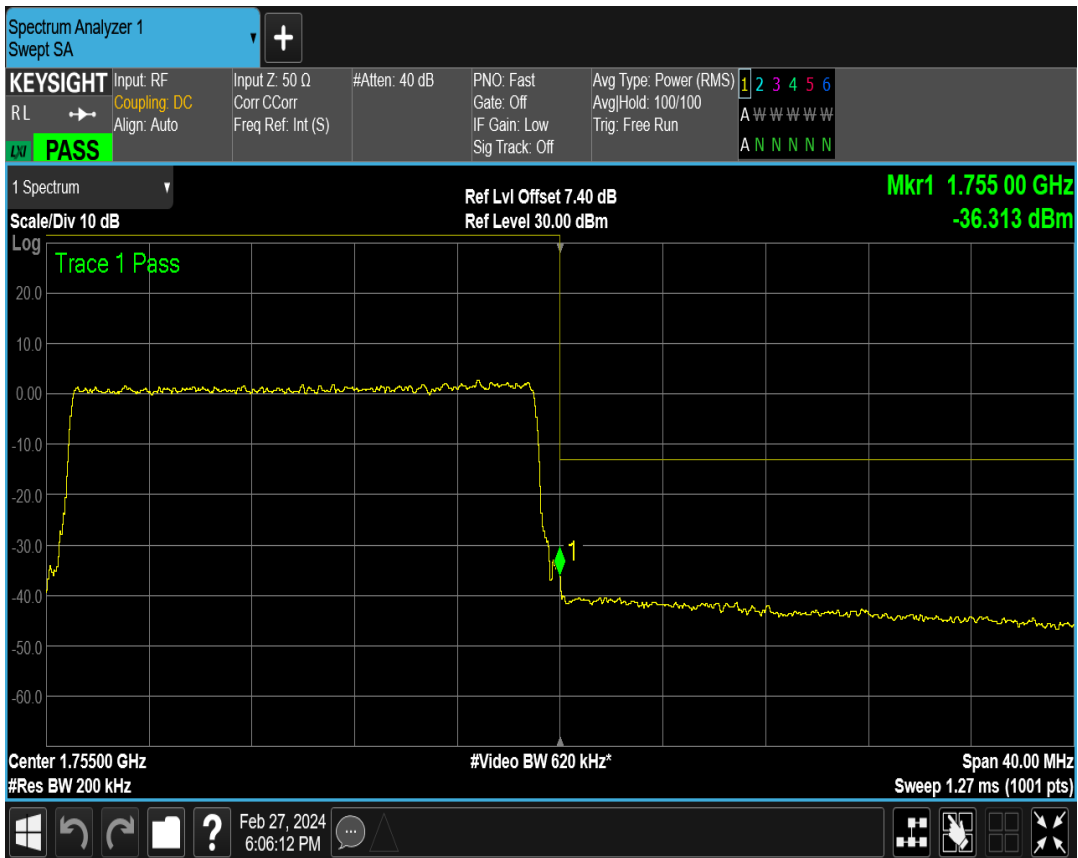
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



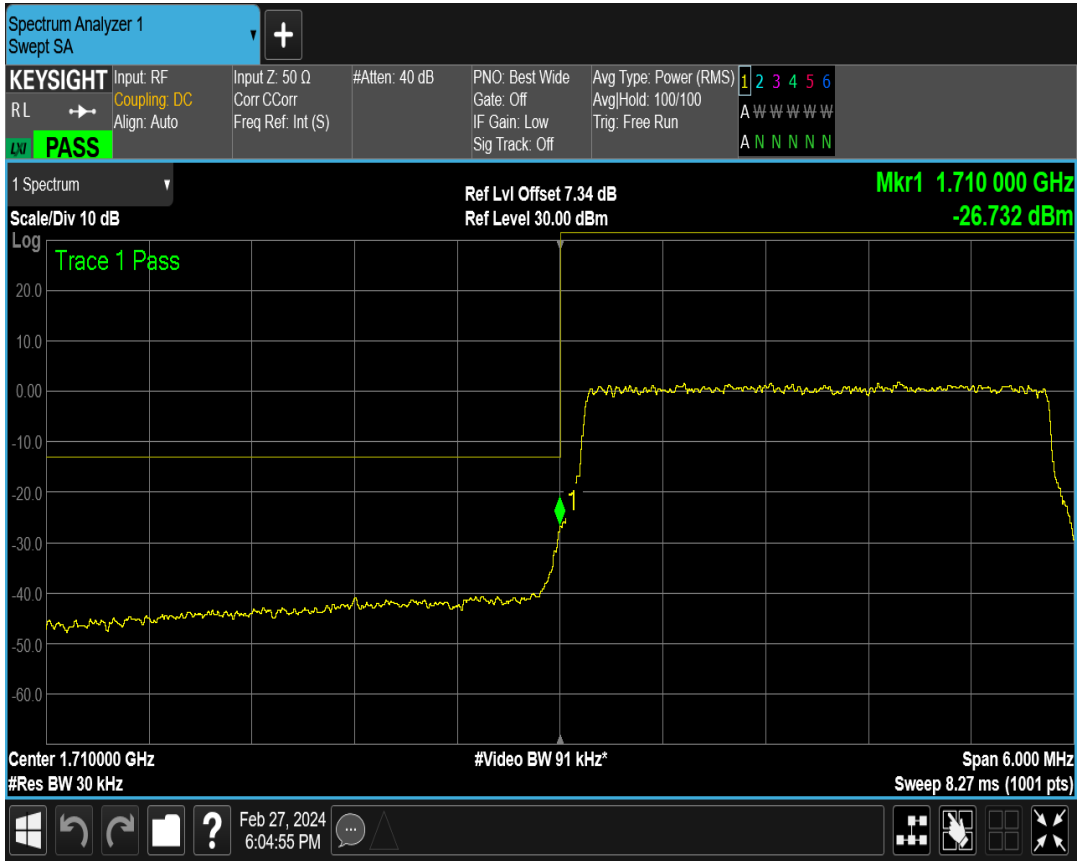
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



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



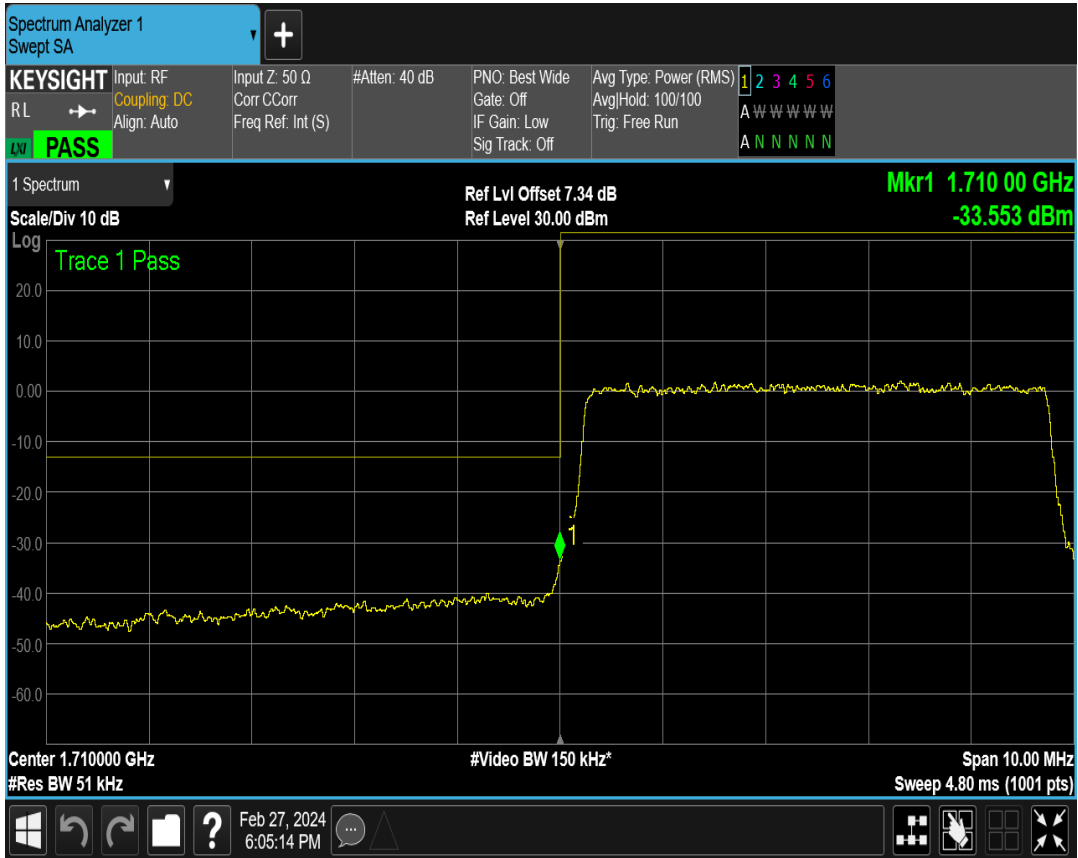
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



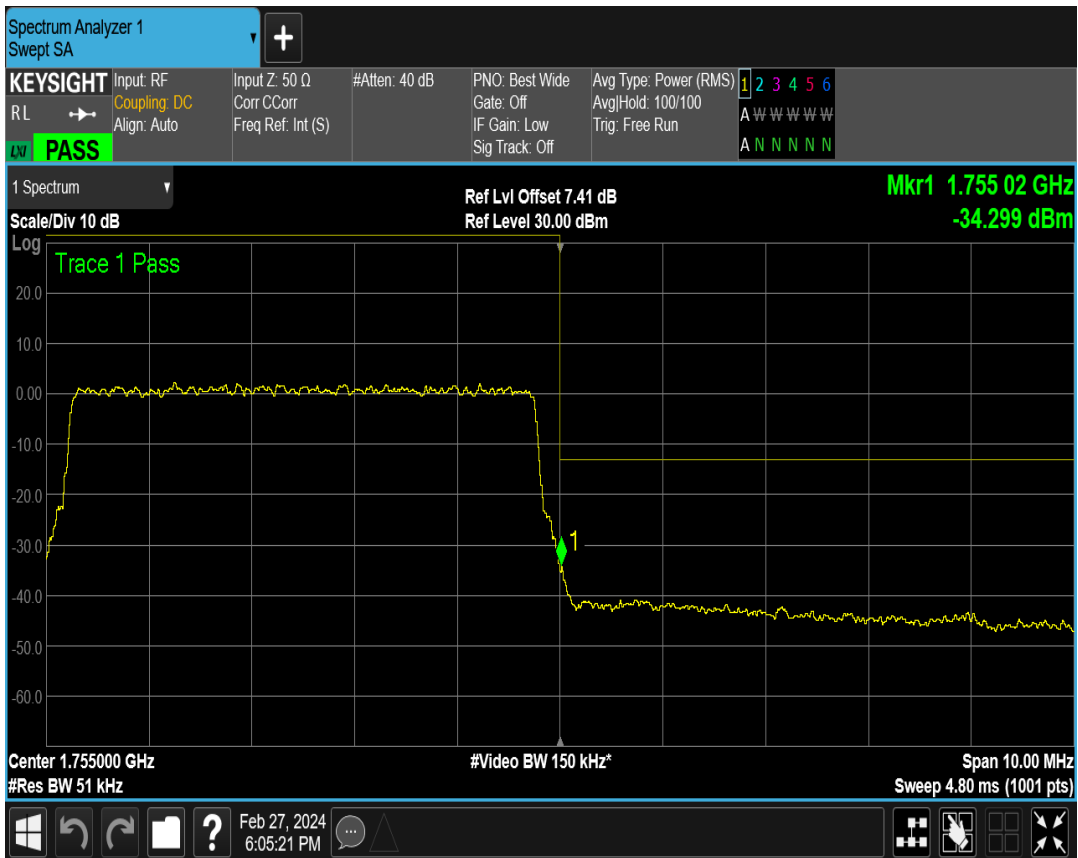
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



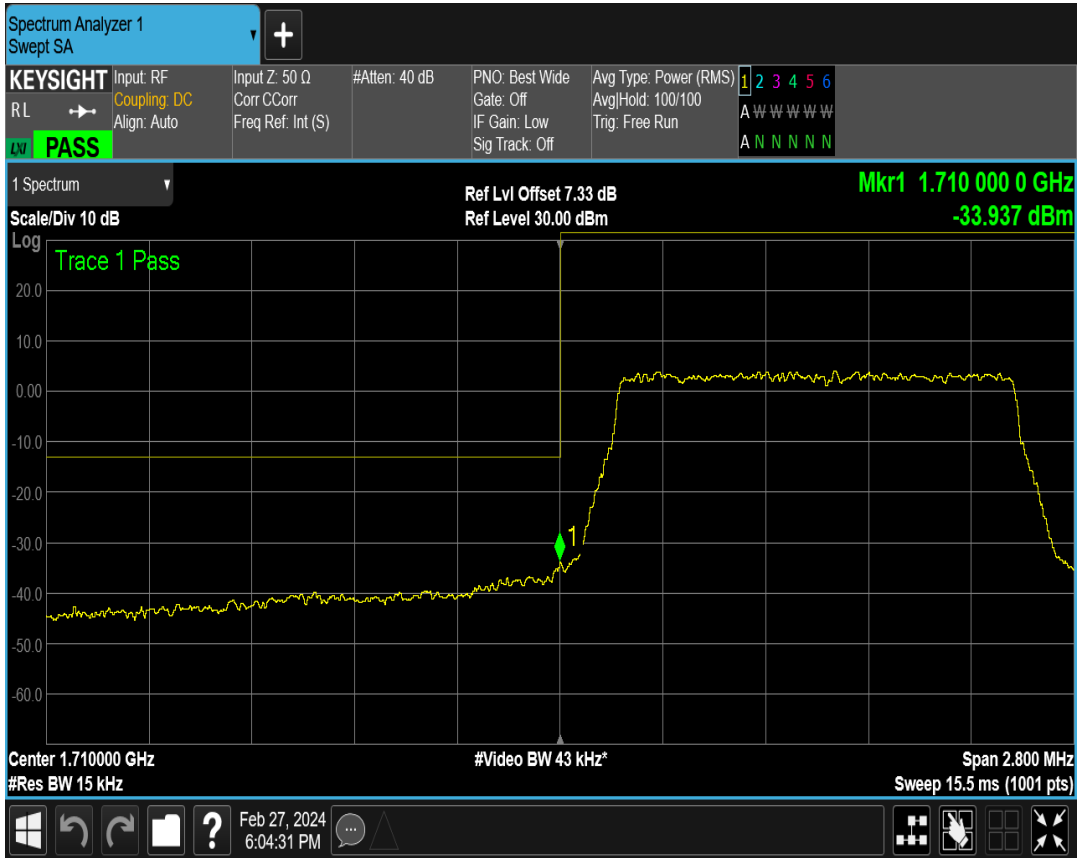
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



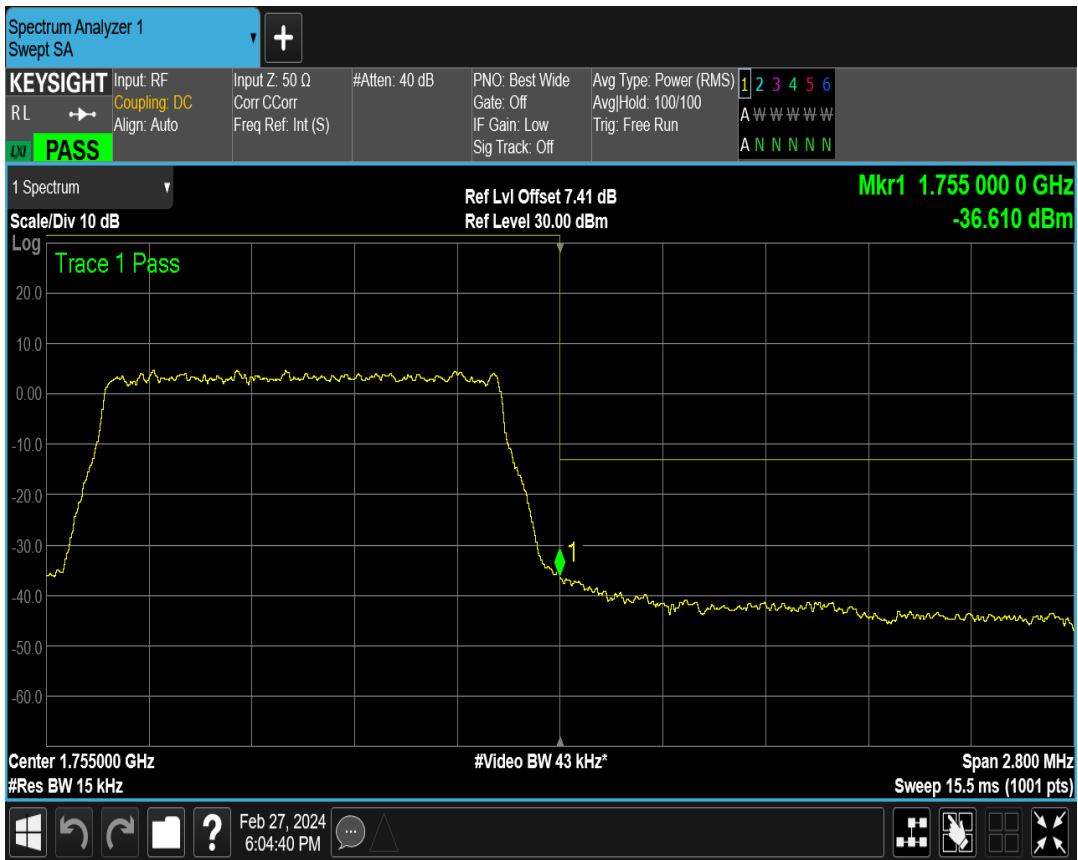
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



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

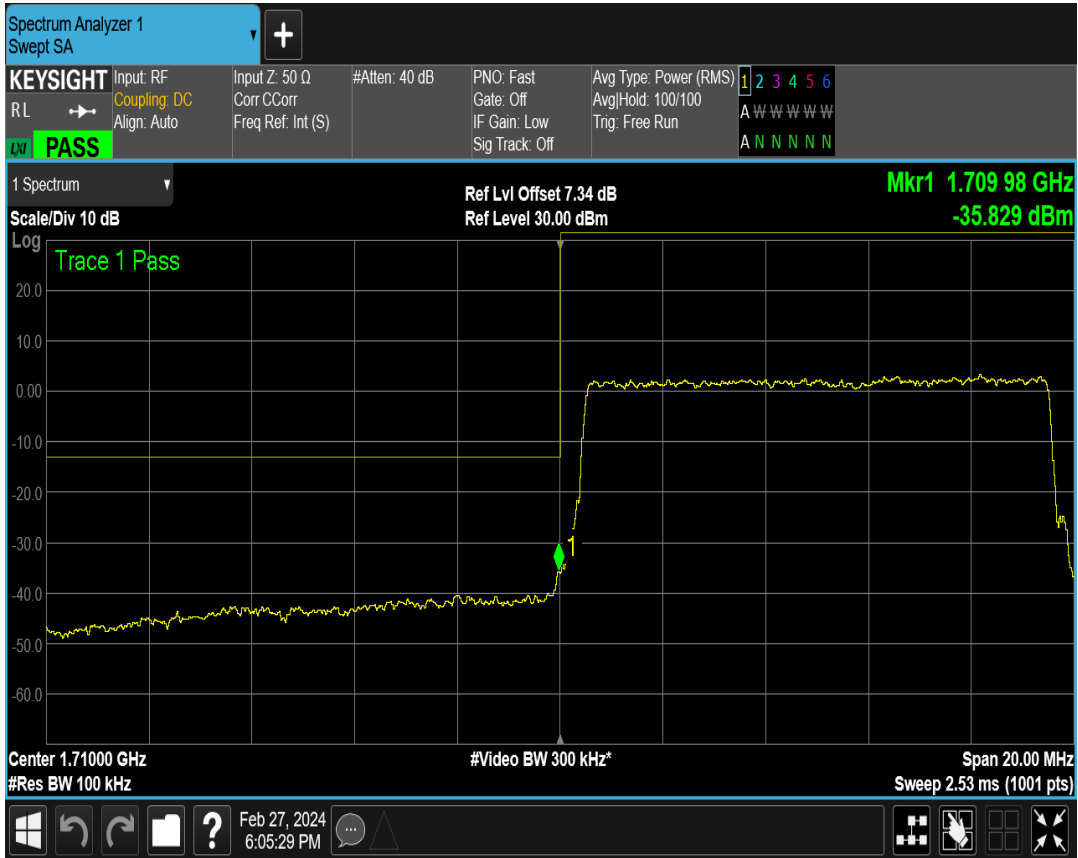


Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0

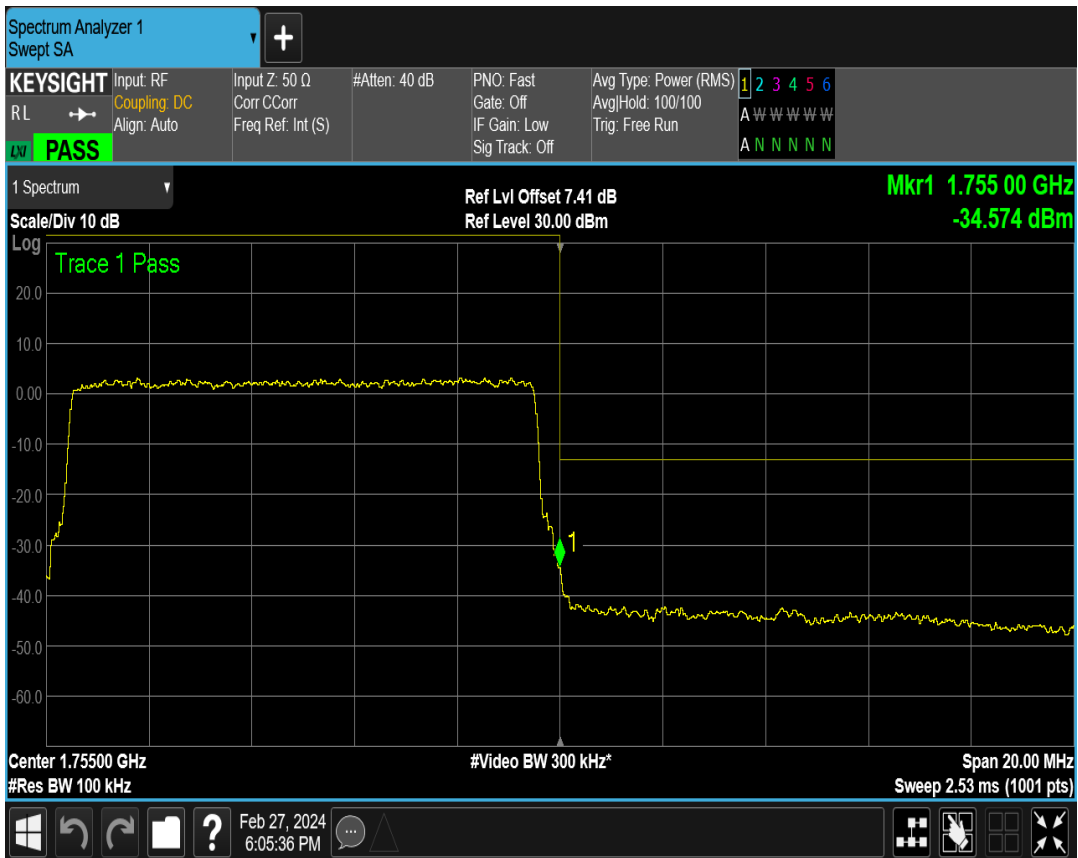


Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0

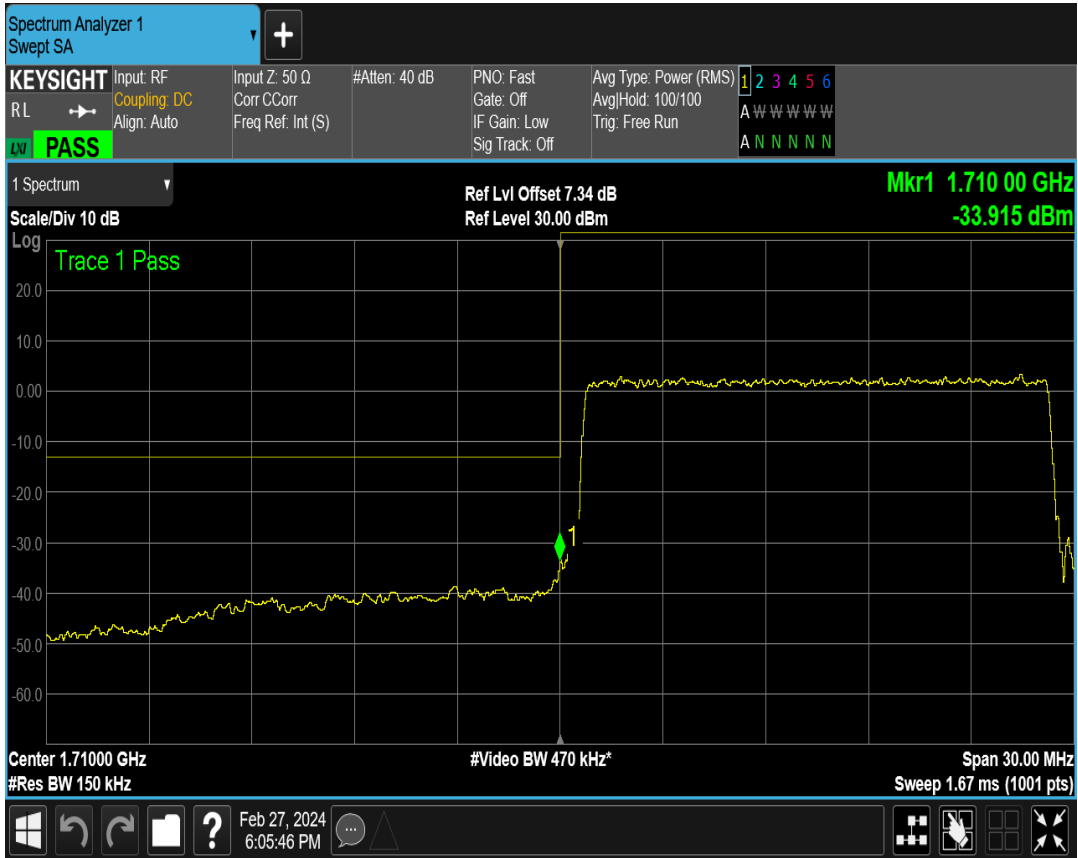




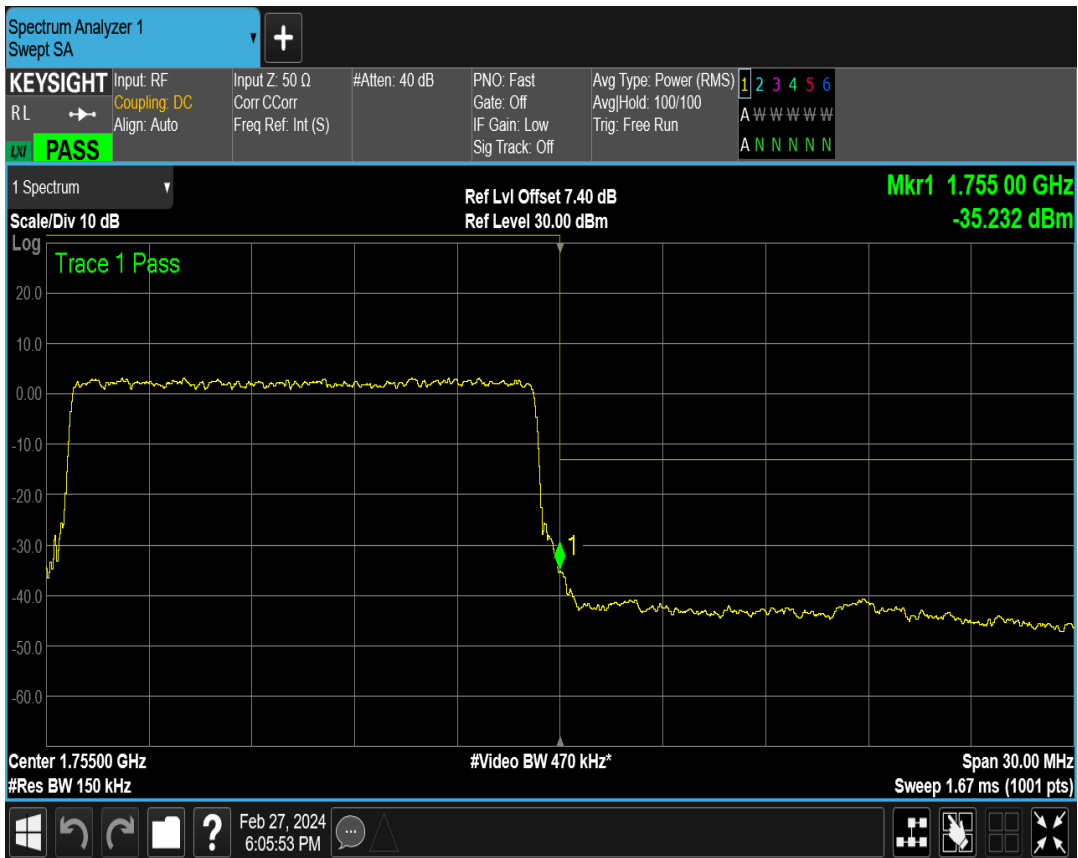
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



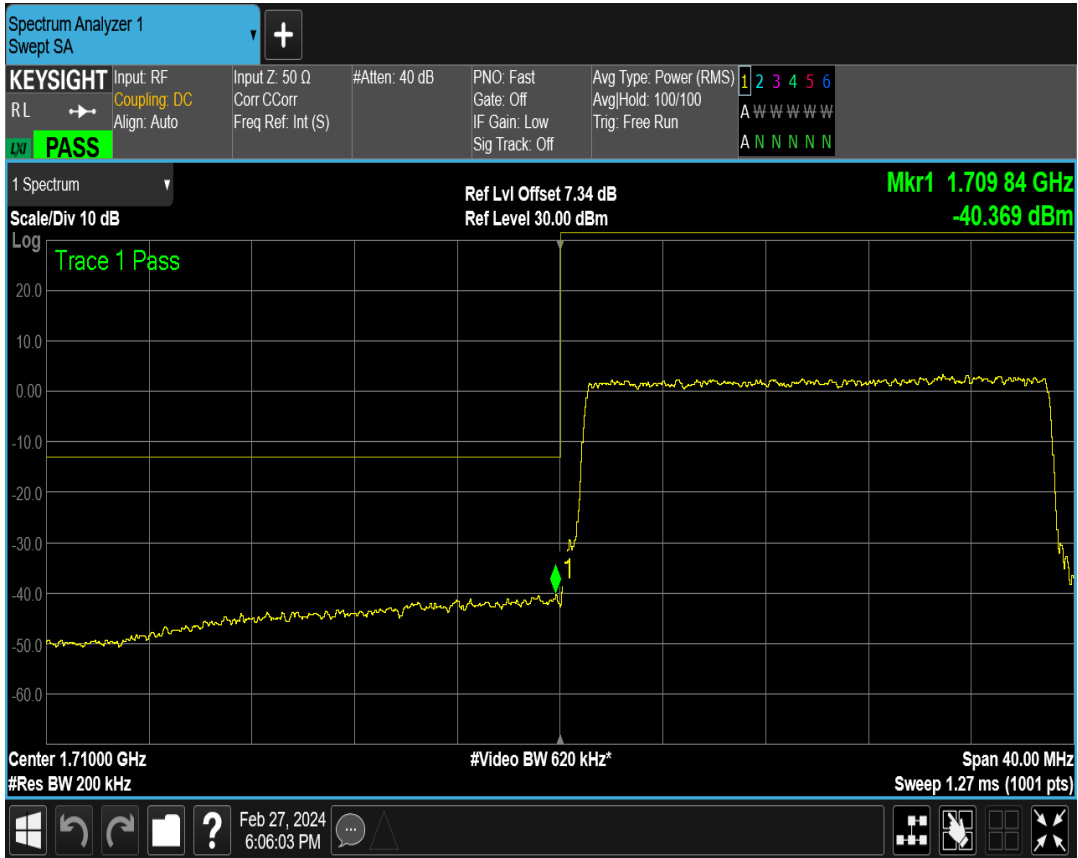
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



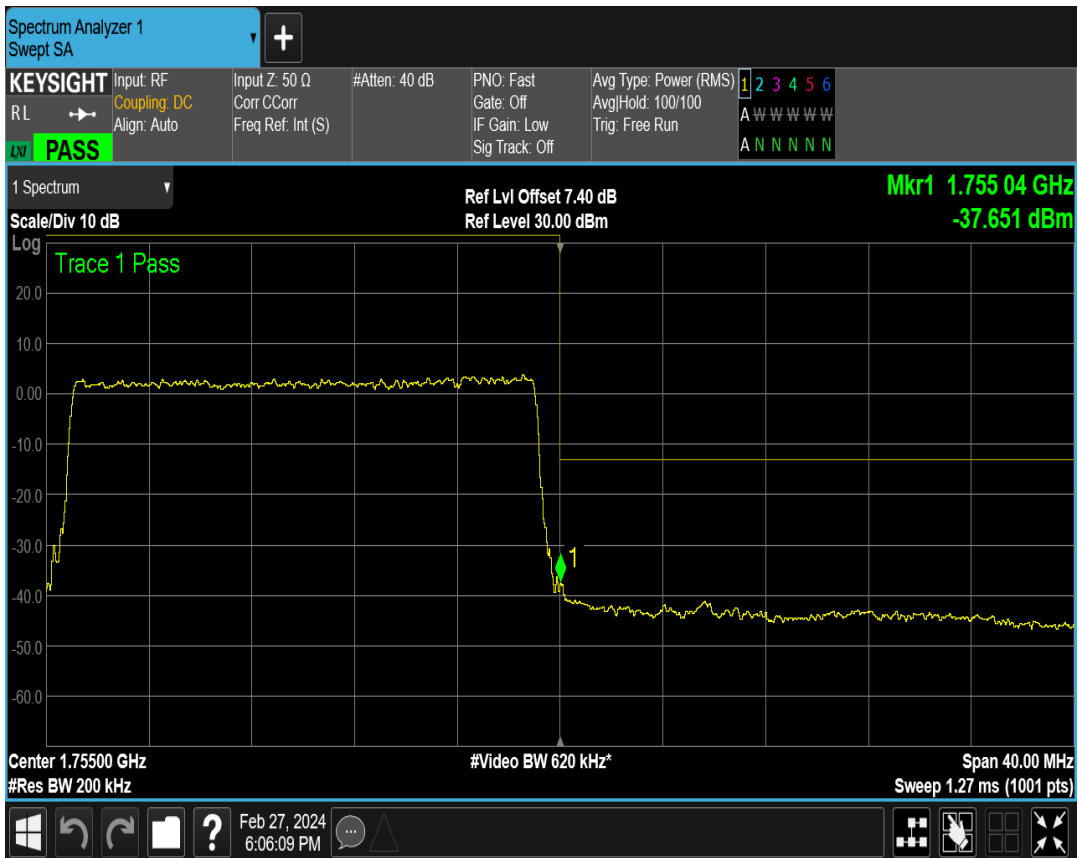
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



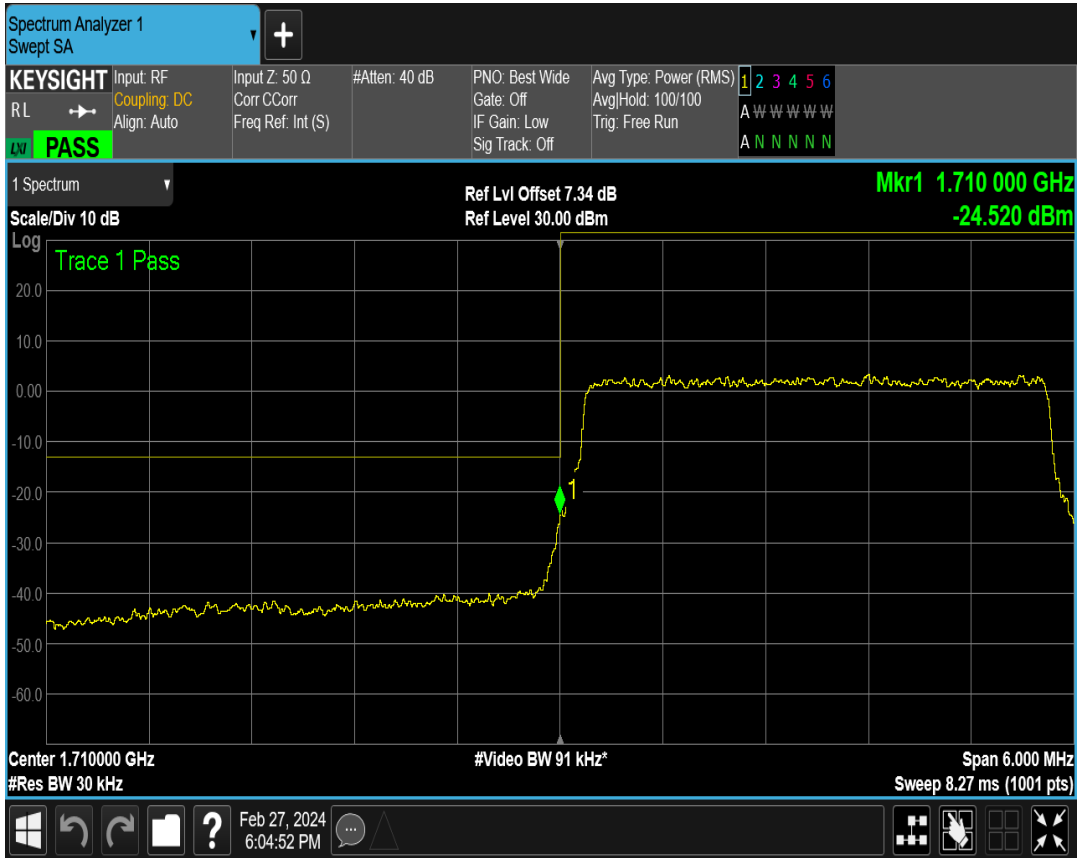
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



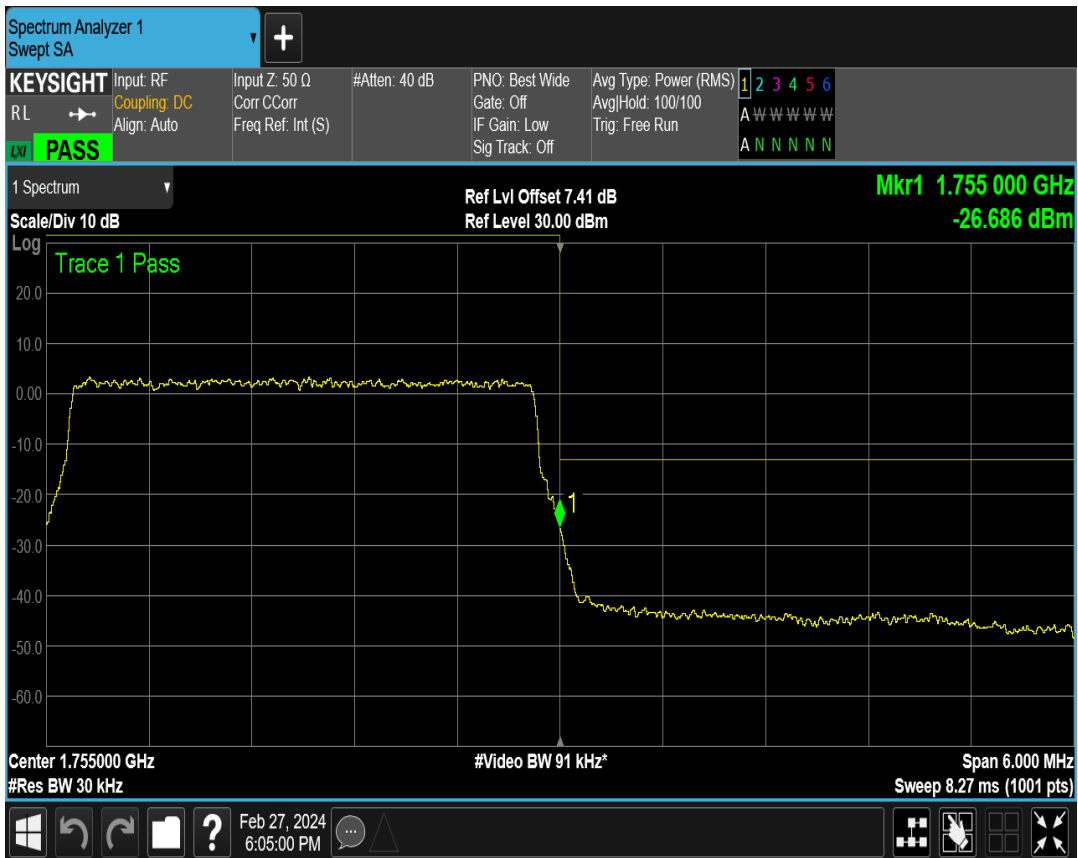
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



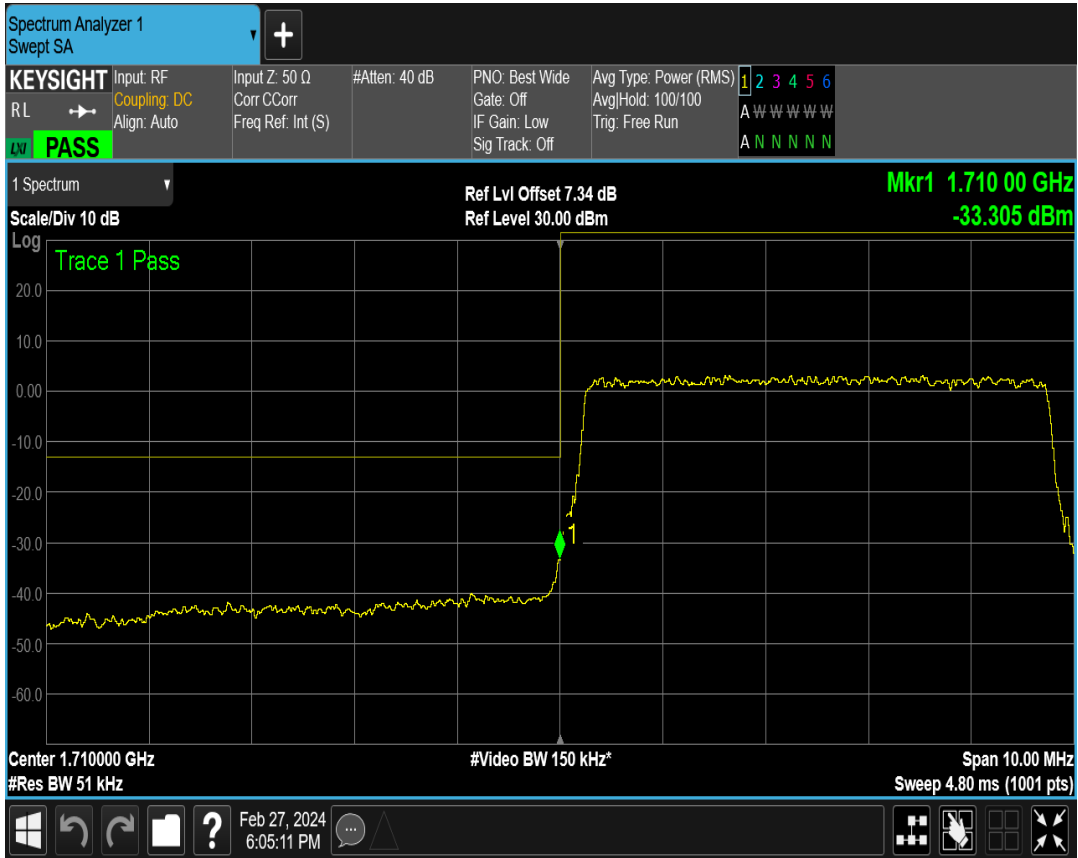
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



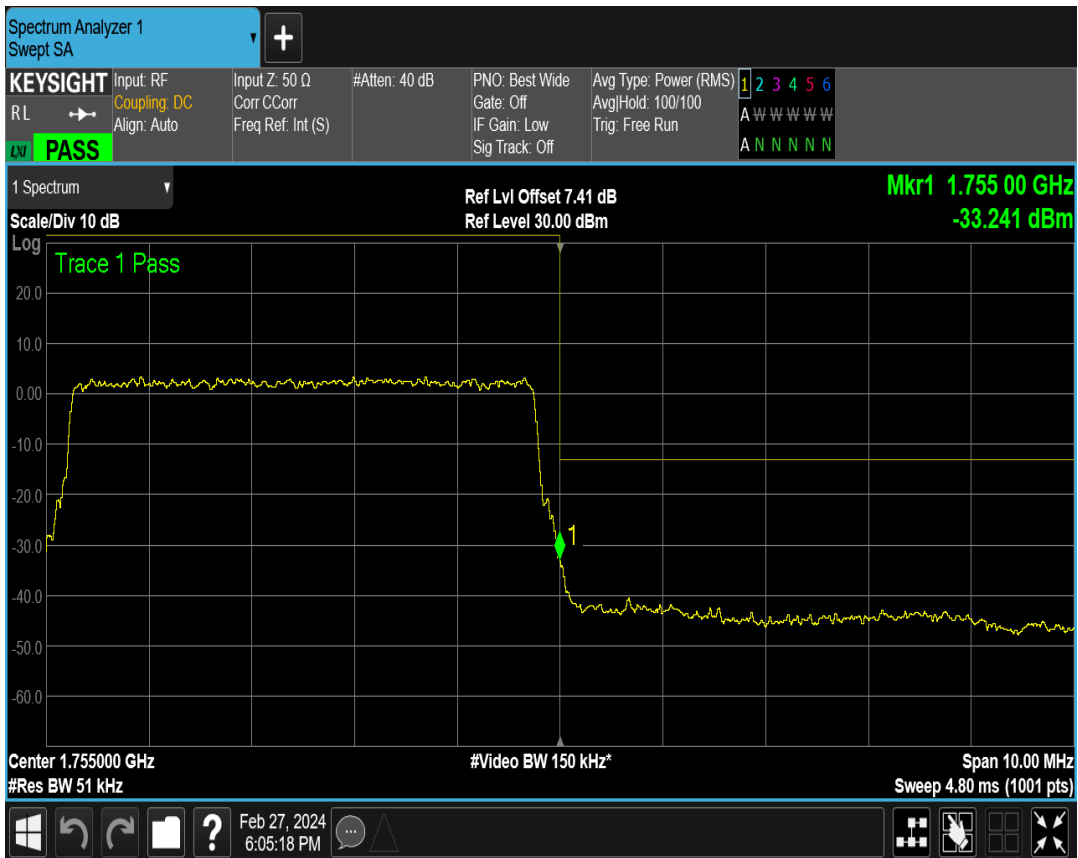
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



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



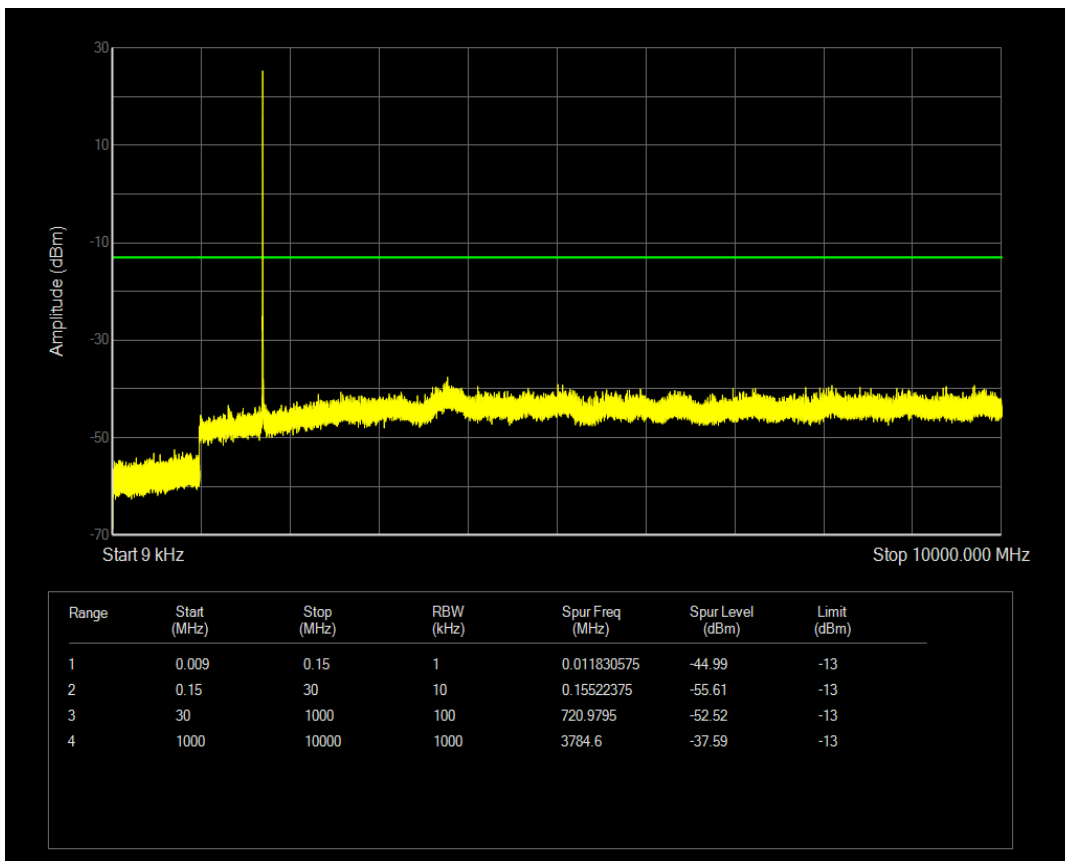
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



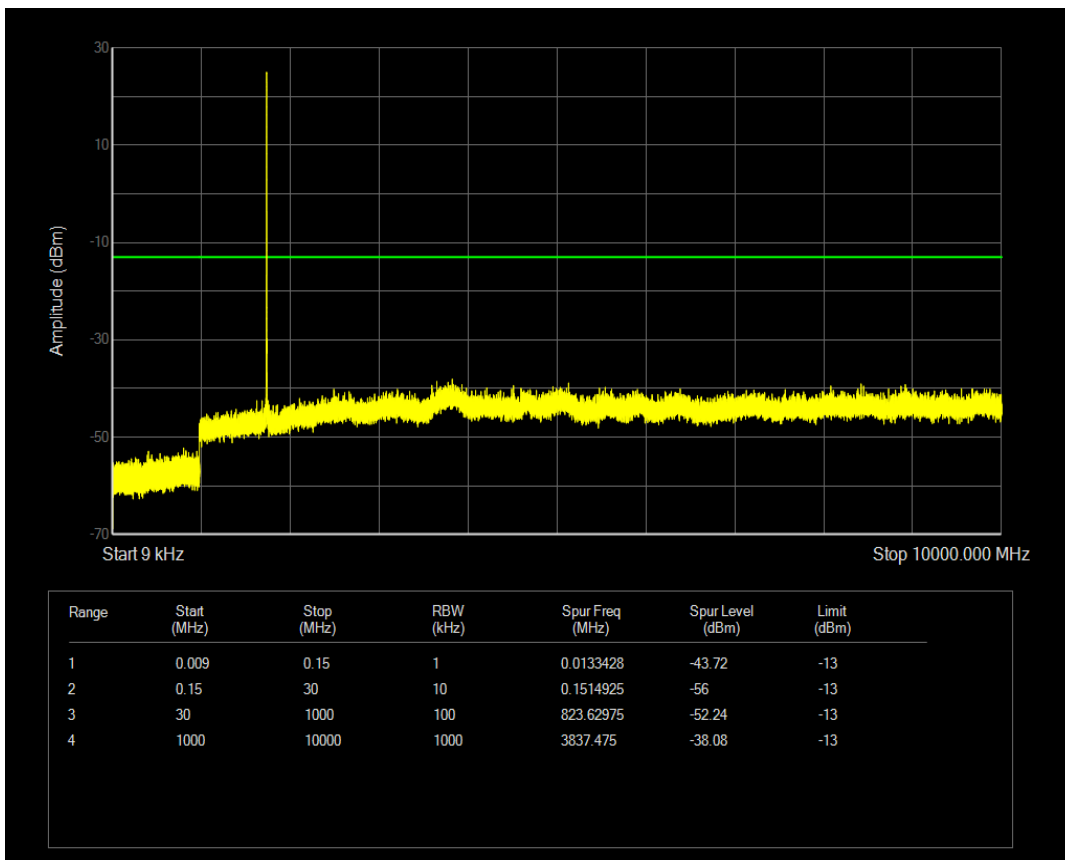
6 Out-of-band emissions

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	6362.20	-38.65	-13	PASS
Band4	1.4	19957	6	#0	QAM16	3784.60	-37.59	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1760.73	-37.80	-13	PASS
Band4	1.4	20393	6	#0	QAM16	3837.48	-38.08	-13	PASS
Band4	3	19965	15	#0	QPSK	3828.03	-38.50	-13	PASS
Band4	3	19965	15	#0	QAM16	3729.70	-38.63	-13	PASS
Band4	3	20385	15	#0	QPSK	3887.65	-37.53	-13	PASS
Band4	3	20385	15	#0	QAM16	3755.13	-37.83	-13	PASS
Band4	5	19975	25	#0	QPSK	5041.23	-38.68	-13	PASS
Band4	5	19975	25	#0	QAM16	3874.38	-38.72	-13	PASS
Band4	5	20375	25	#0	QPSK	3694.15	-38.12	-13	PASS
Band4	5	20375	25	#0	QAM16	3793.60	-36.58	-13	PASS
Band4	10	20000	50	#0	QPSK	3762.78	-38.69	-13	PASS
Band4	10	20000	50	#0	QAM16	3826.68	-38.44	-13	PASS
Band4	10	20350	50	#0	QPSK	3894.18	-38.15	-13	PASS
Band4	10	20350	50	#0	QAM16	9769.38	-38.25	-13	PASS
Band4	15	20025	75	#0	QPSK	3843.33	-37.52	-13	PASS
Band4	15	20025	75	#0	QAM16	3778.08	-38.19	-13	PASS
Band4	15	20325	75	#0	QPSK	3871.23	-37.96	-13	PASS
Band4	15	20325	75	#0	QAM16	3837.93	-37.83	-13	PASS
Band4	20	20050	100	#0	QPSK	3870.33	-38.20	-13	PASS
Band4	20	20050	100	#0	QAM16	3781.68	-38.05	-13	PASS
Band4	20	20300	100	#0	QPSK	3804.40	-38.98	-13	PASS
Band4	20	20300	100	#0	QAM16	3790.68	-37.33	-13	PASS

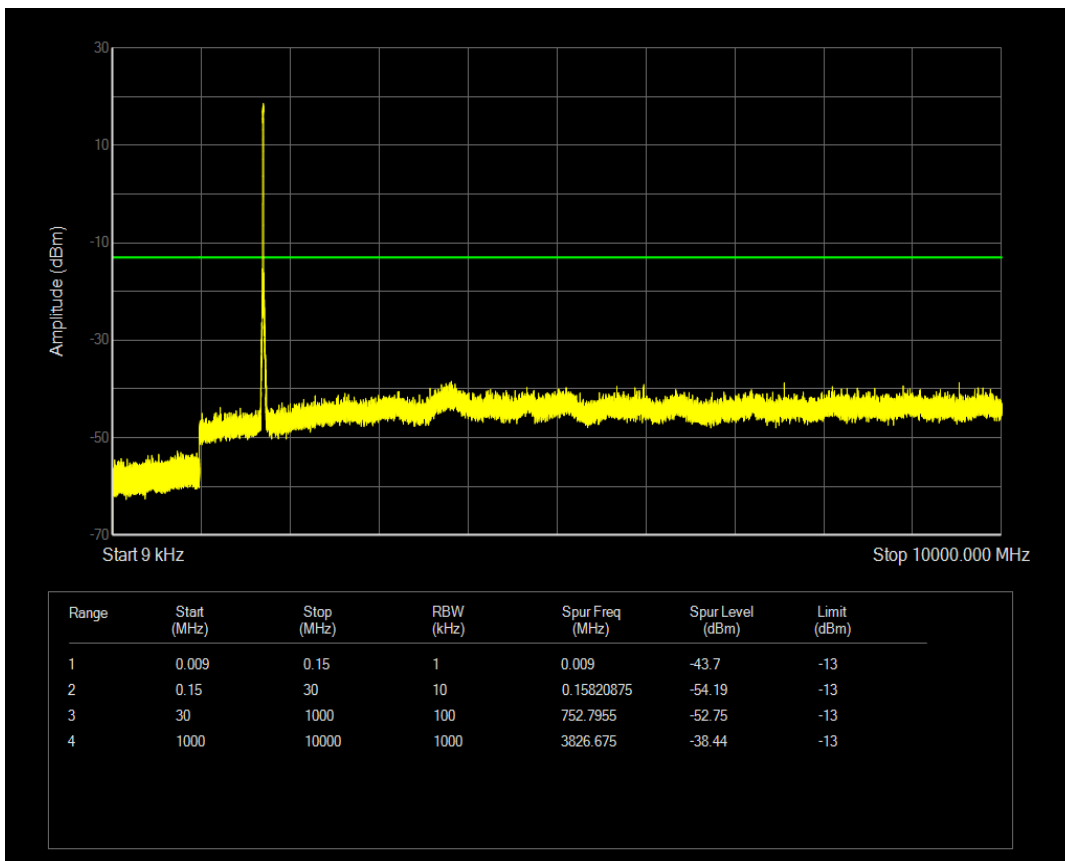
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



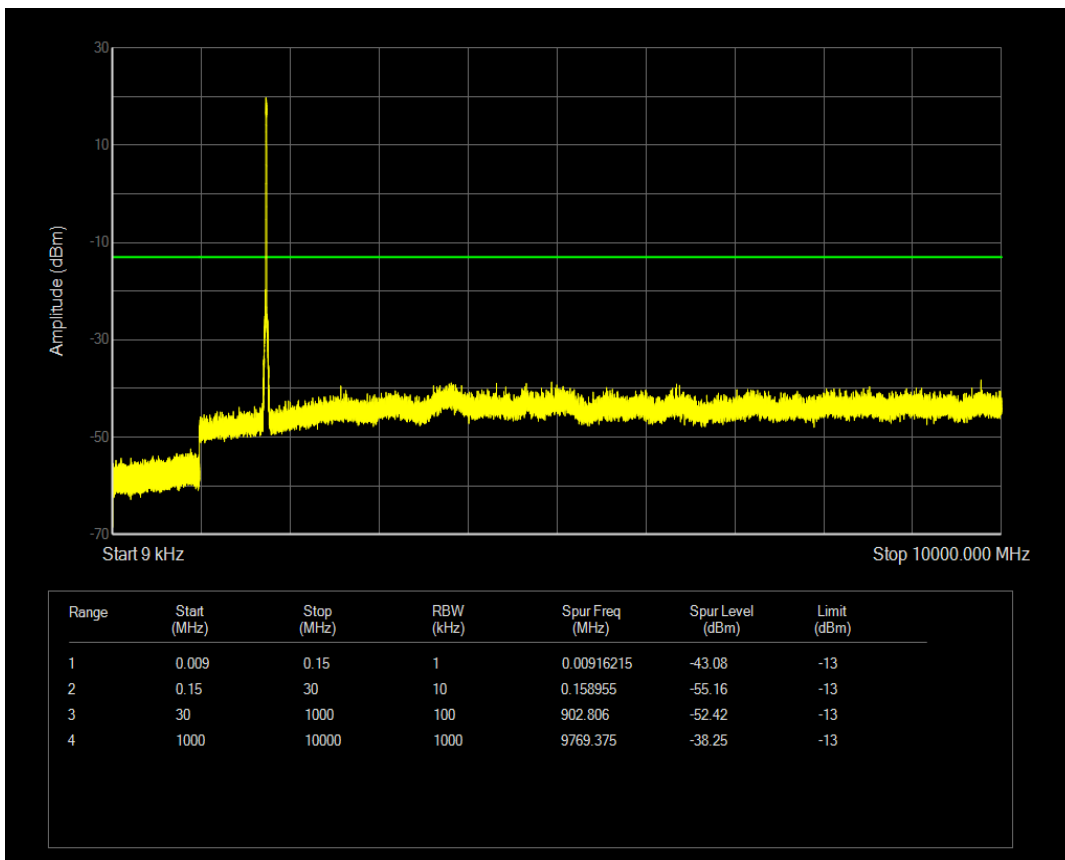
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



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

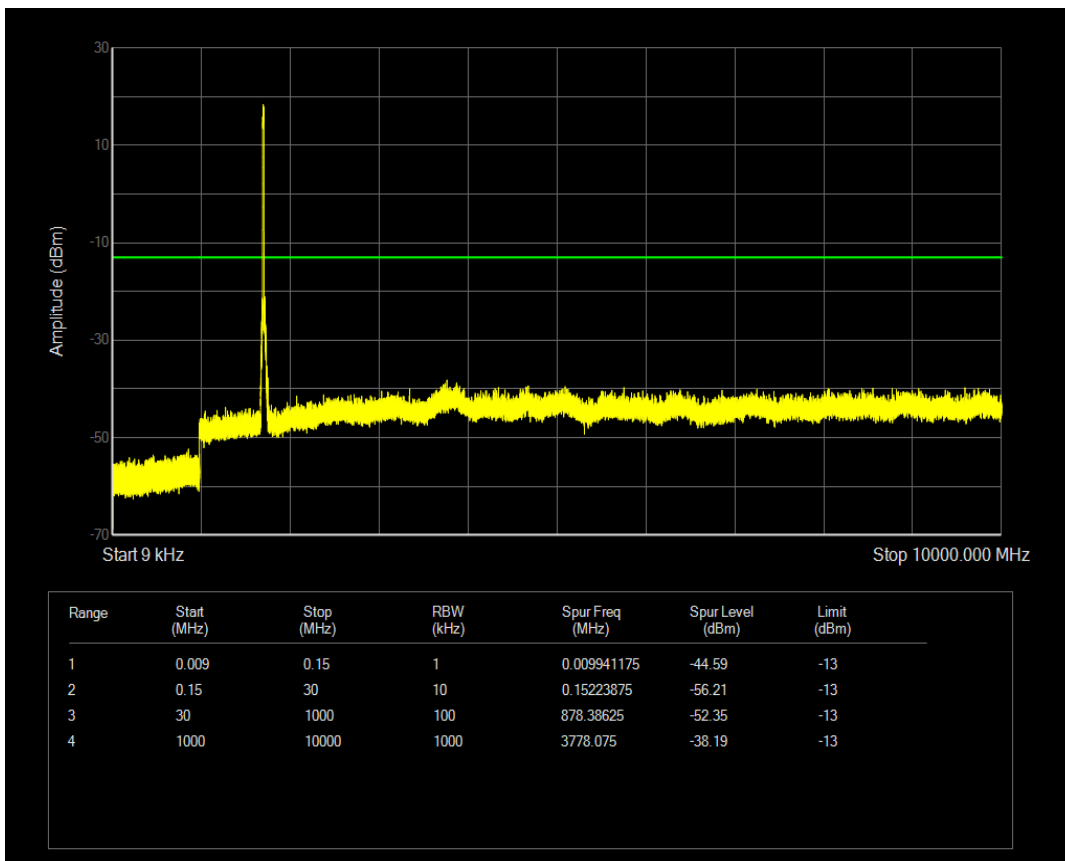


Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0

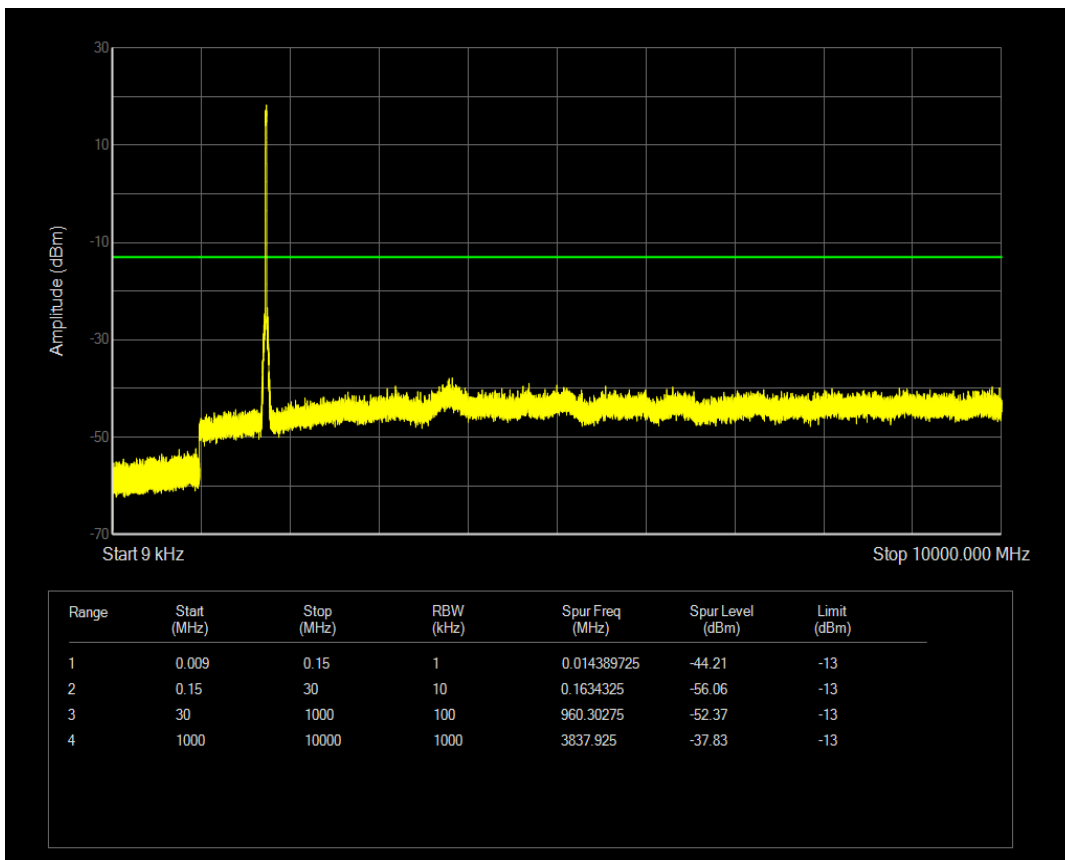


Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0

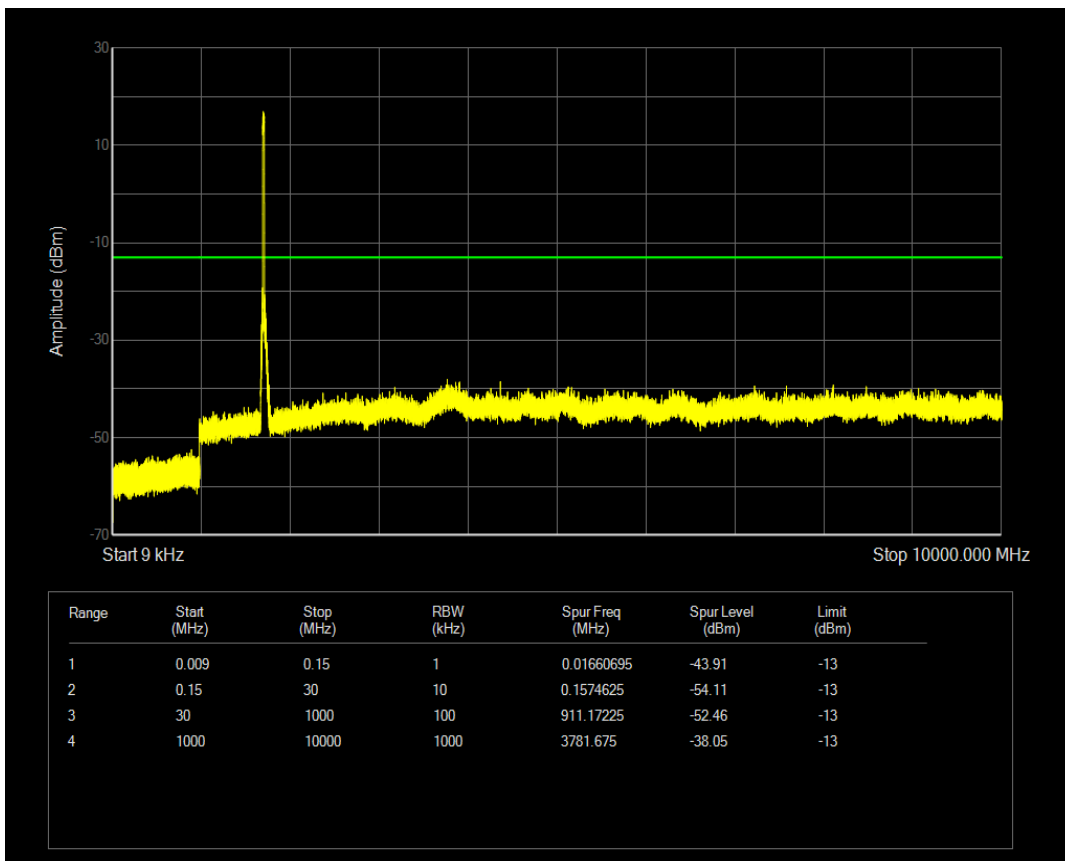




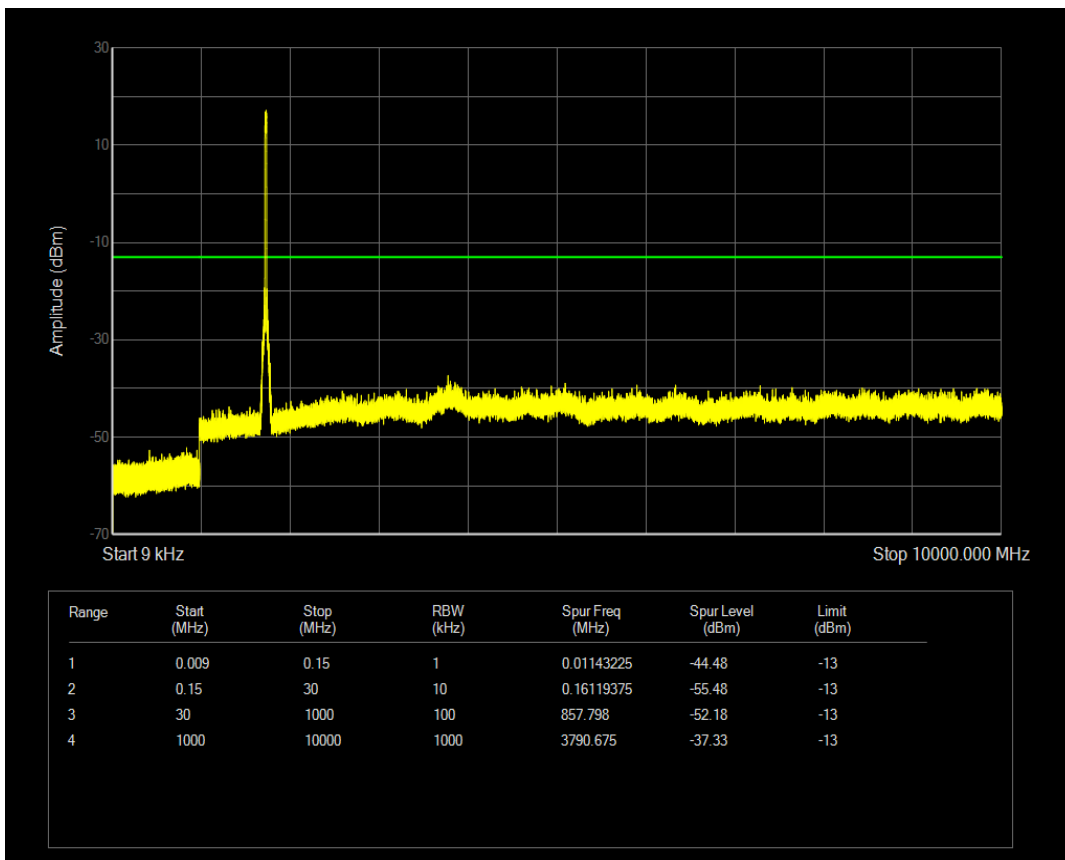
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



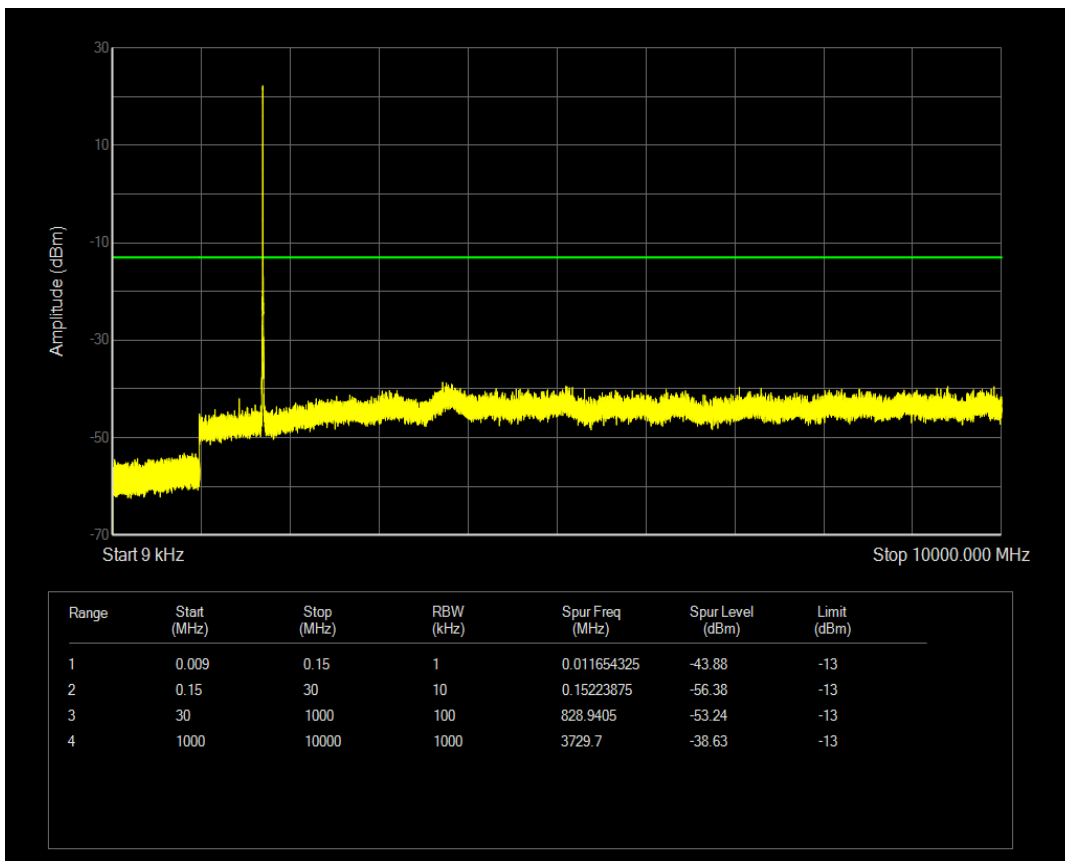
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



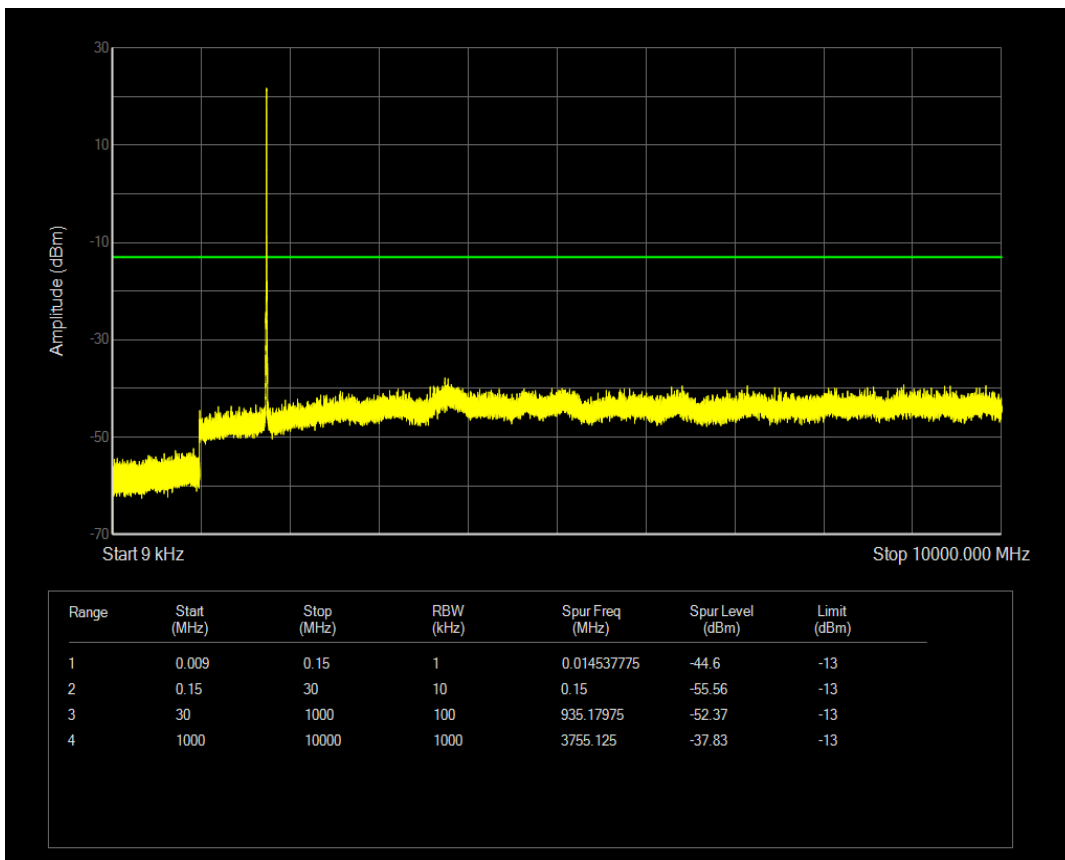
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



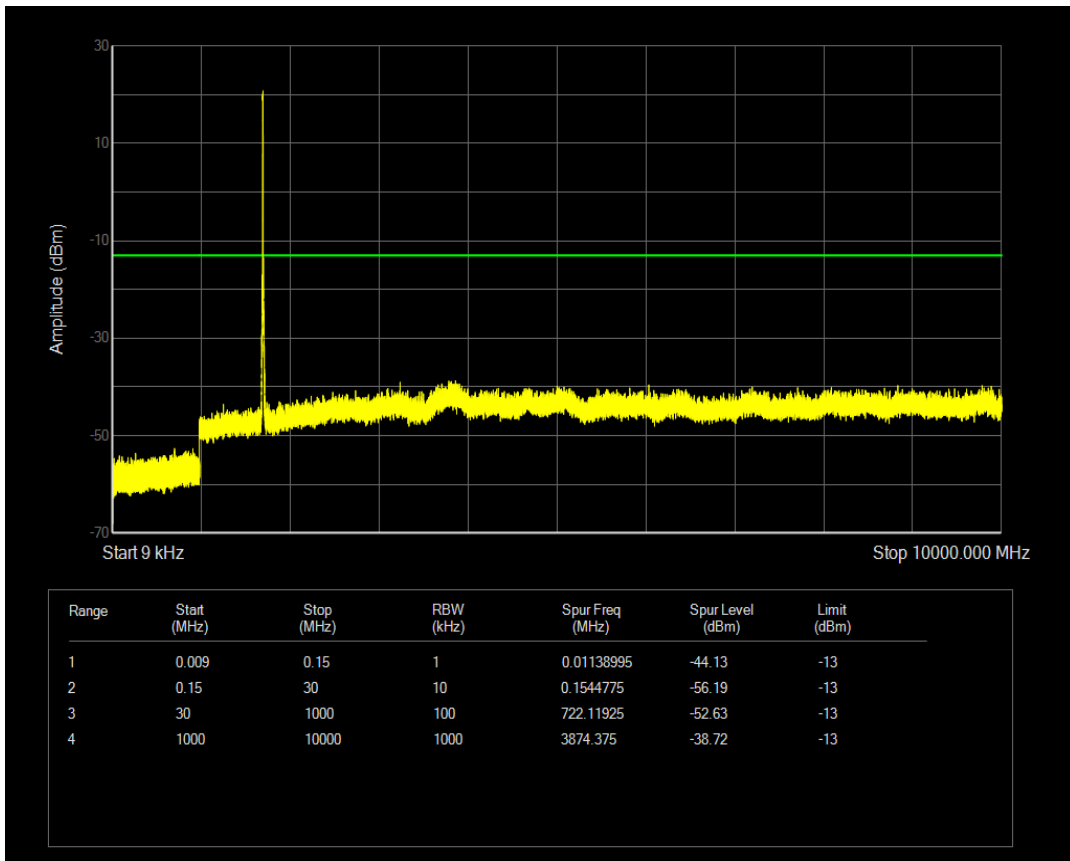
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



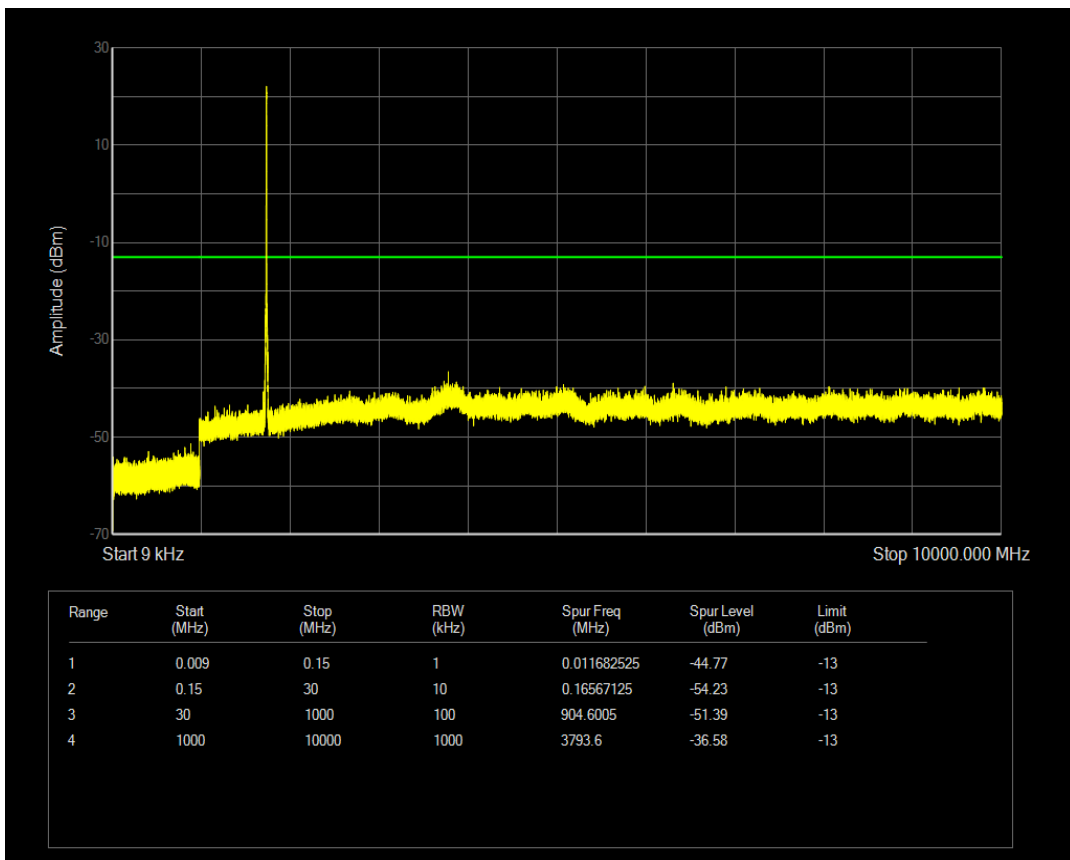
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



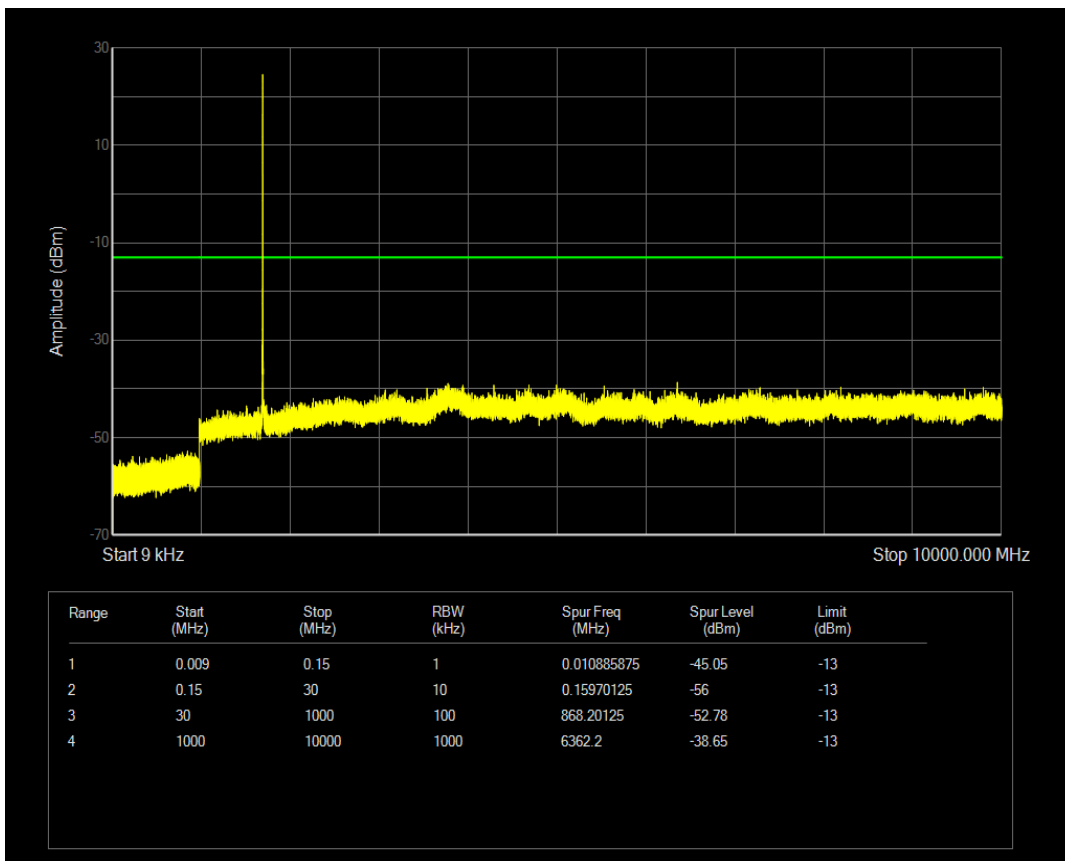
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



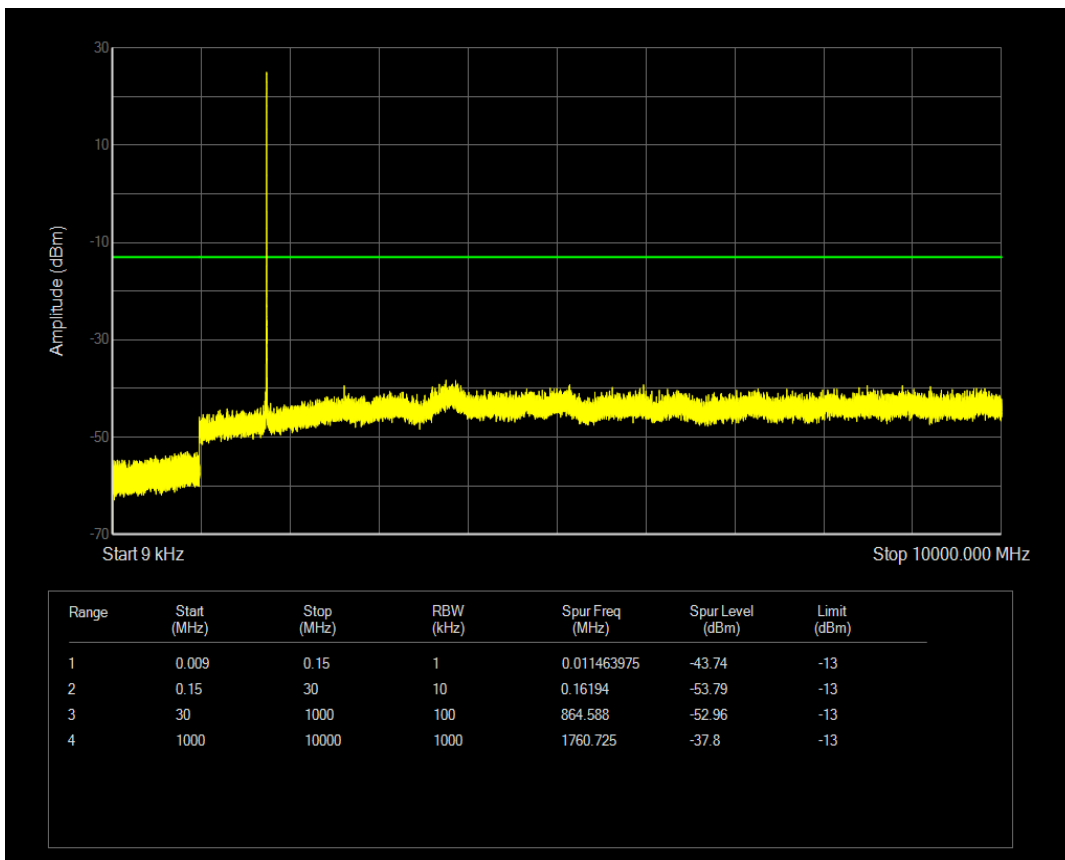
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



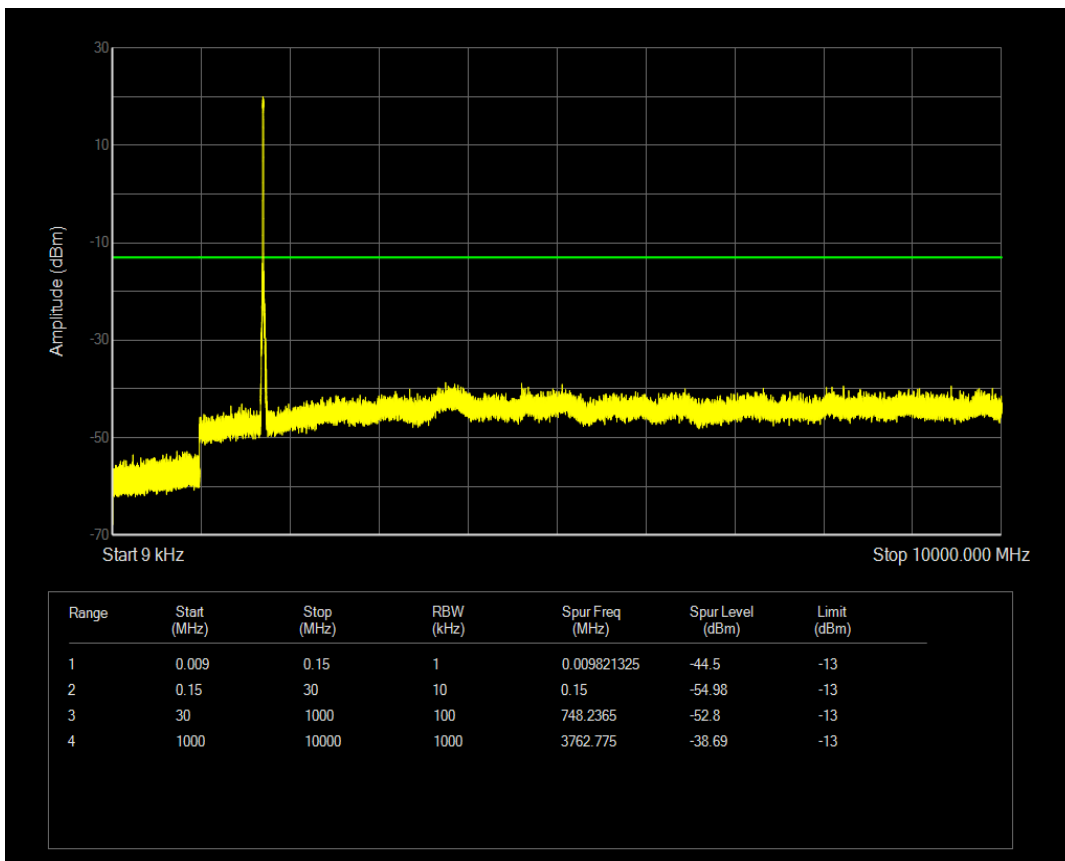
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



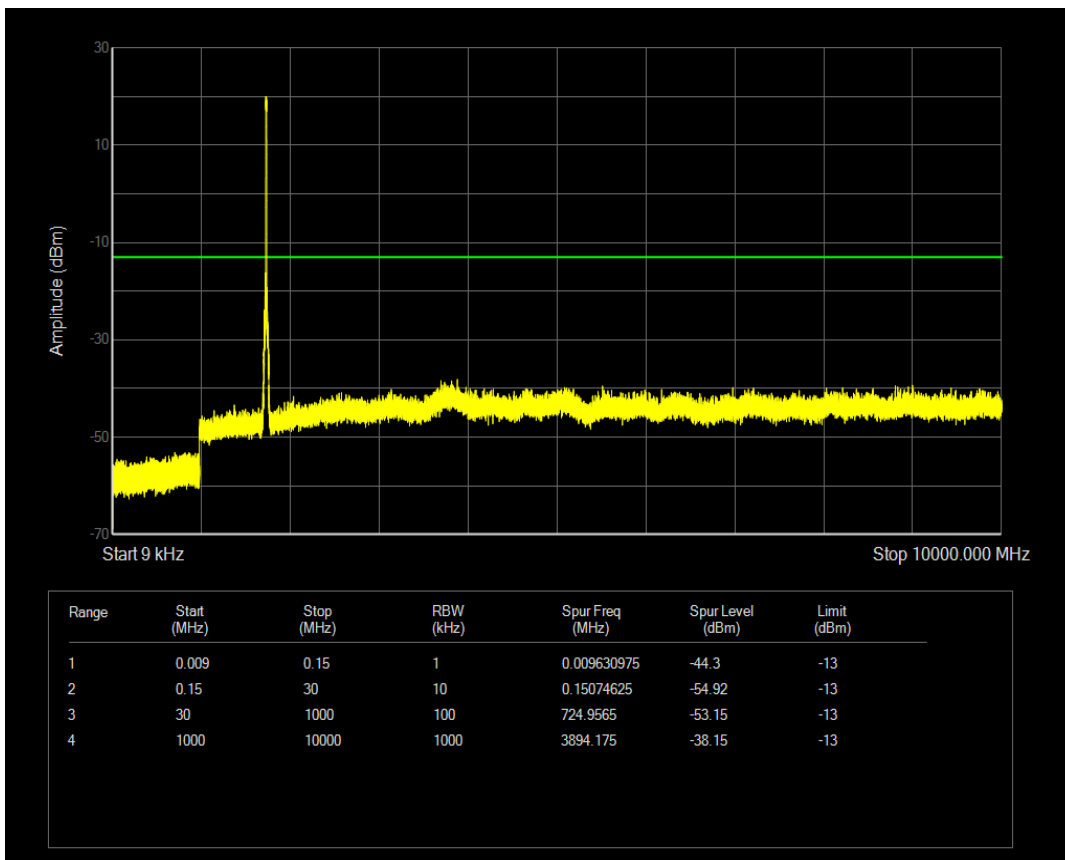
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



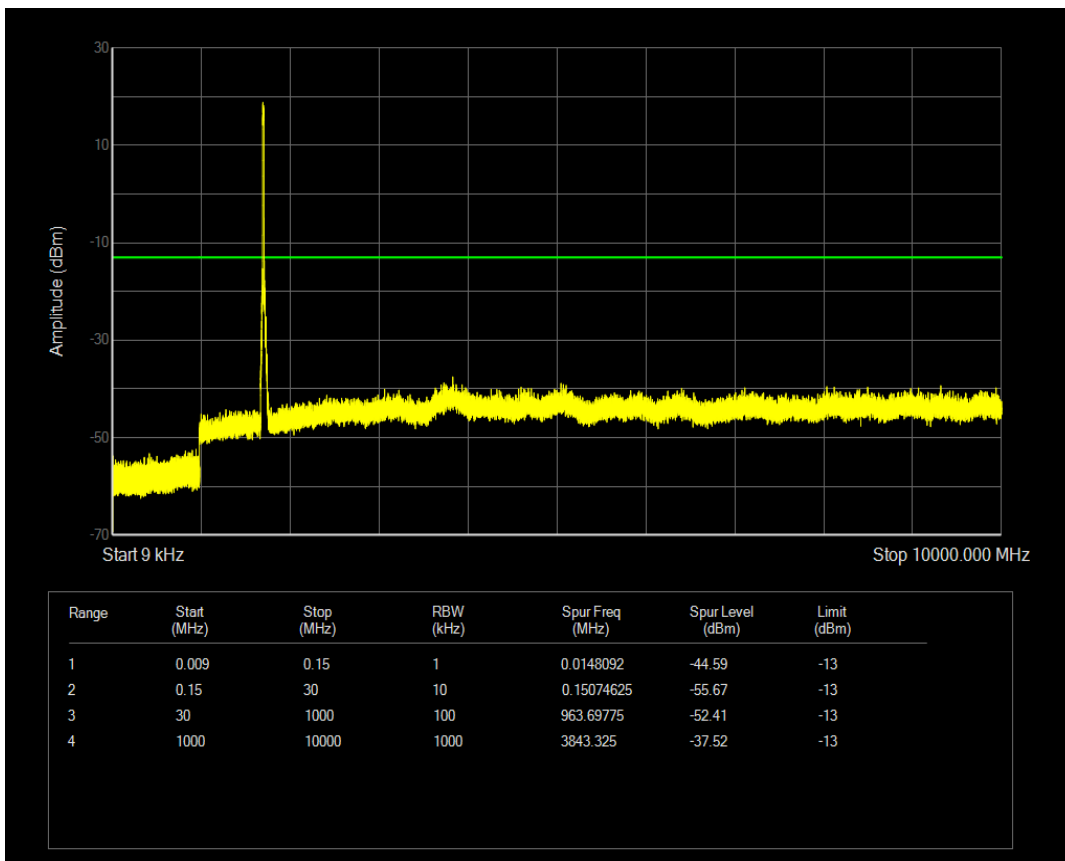
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



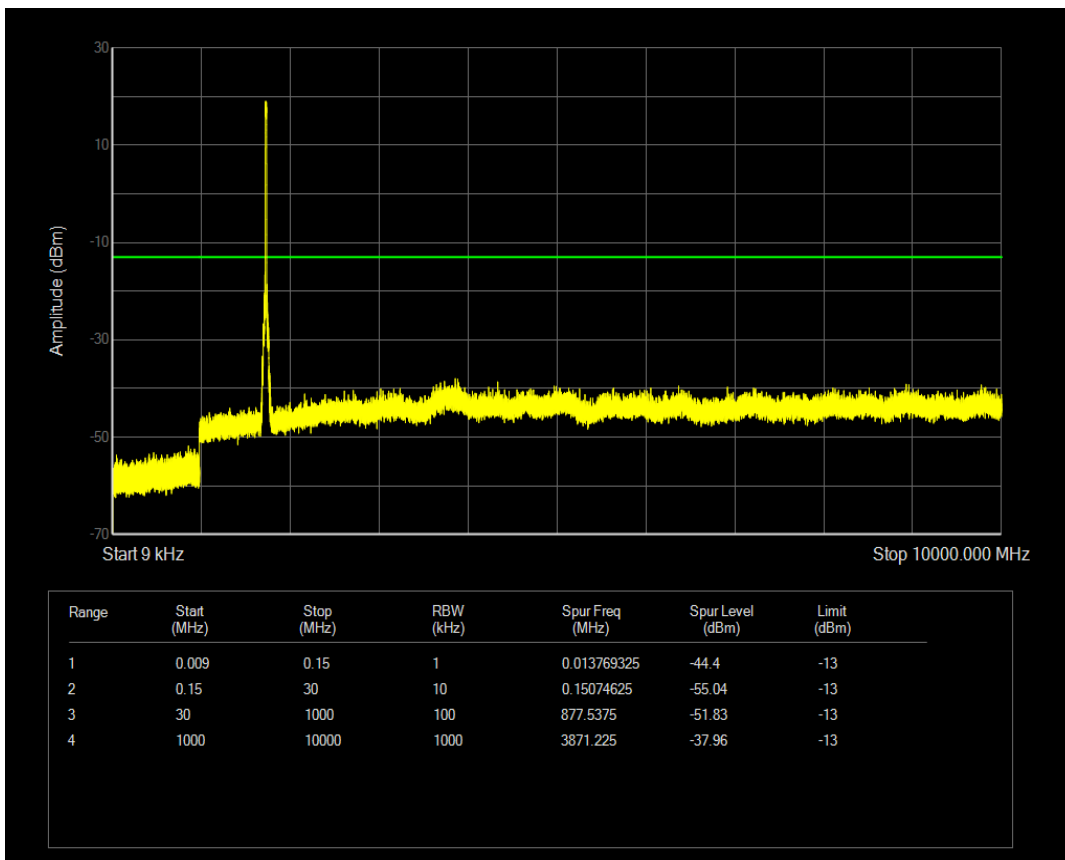
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



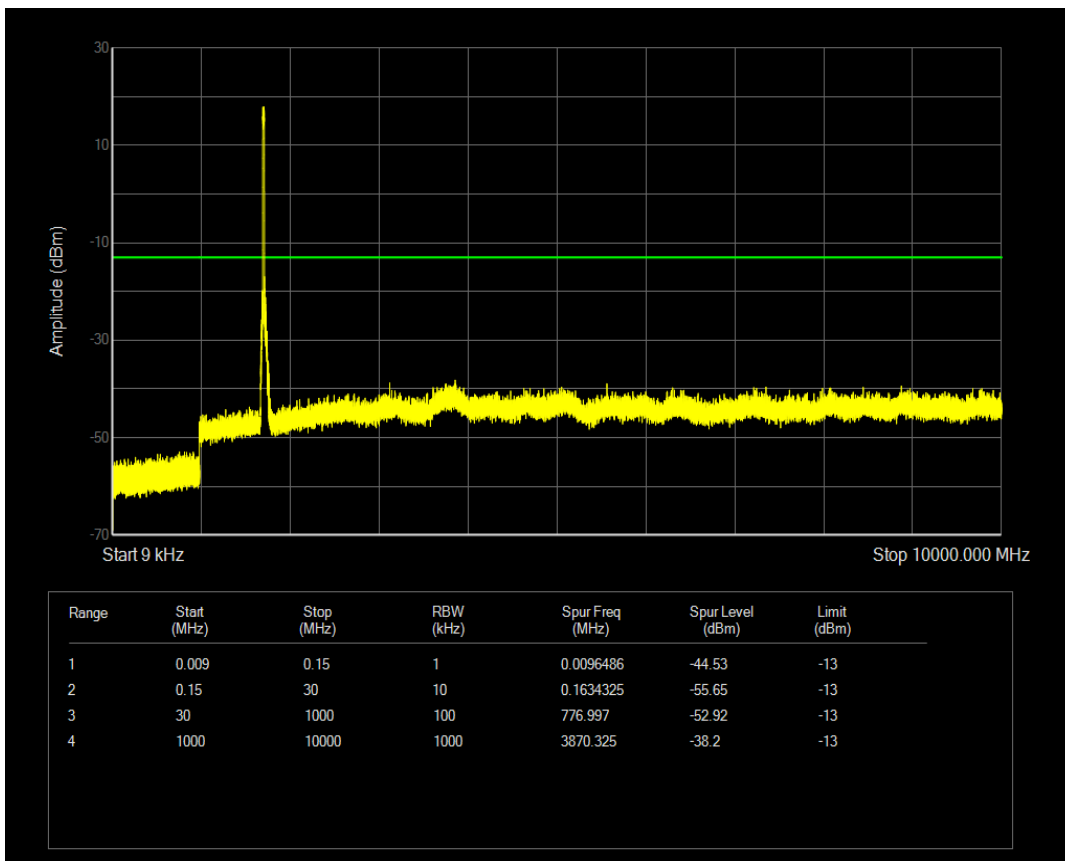
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



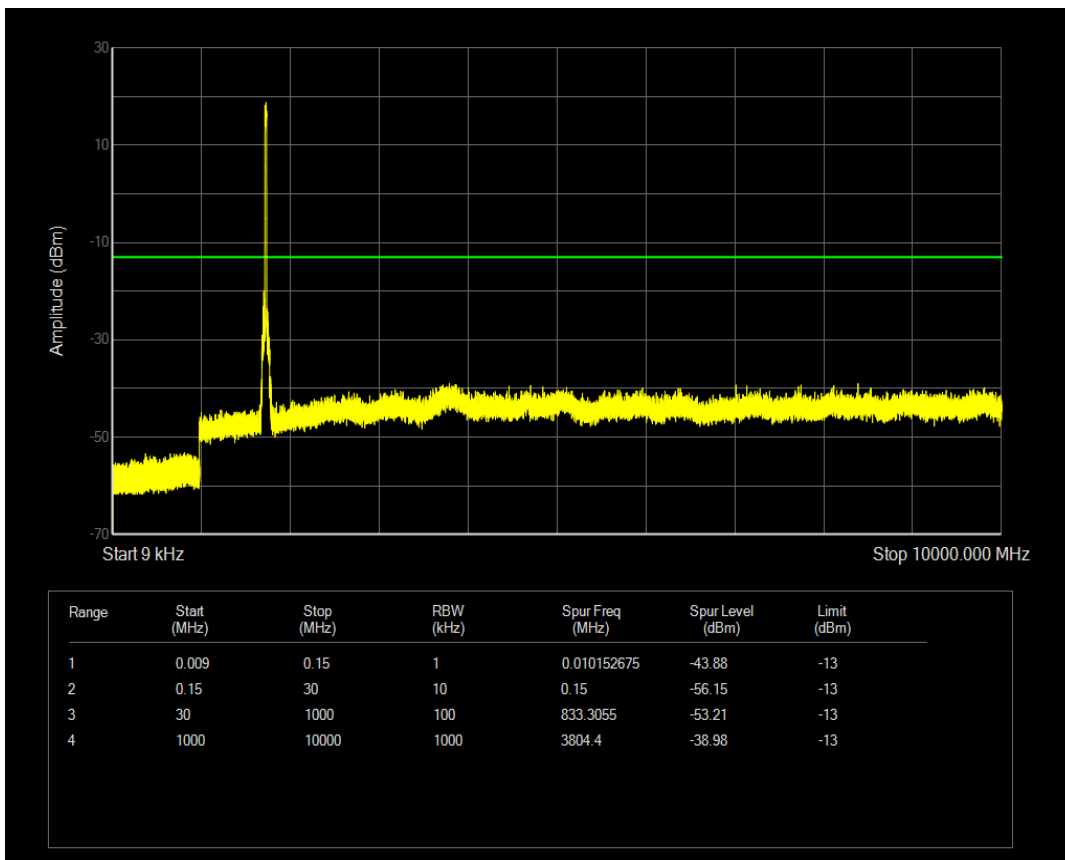
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



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

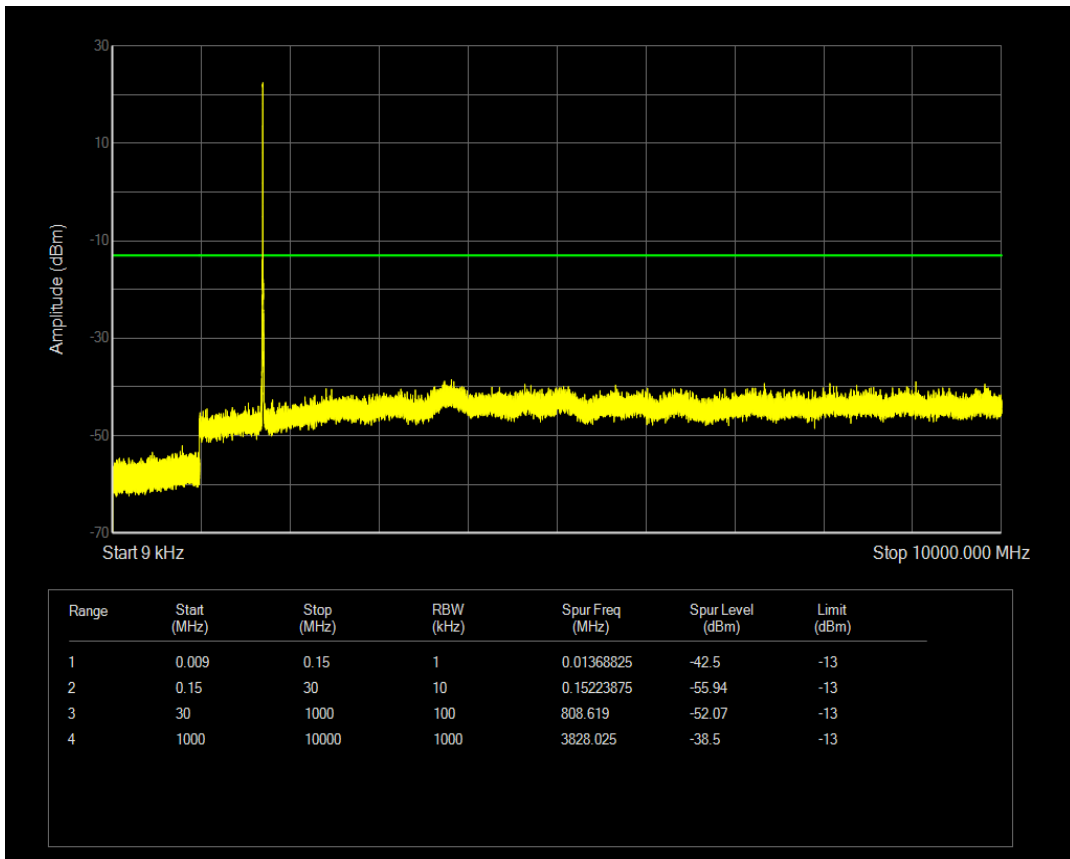


Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0

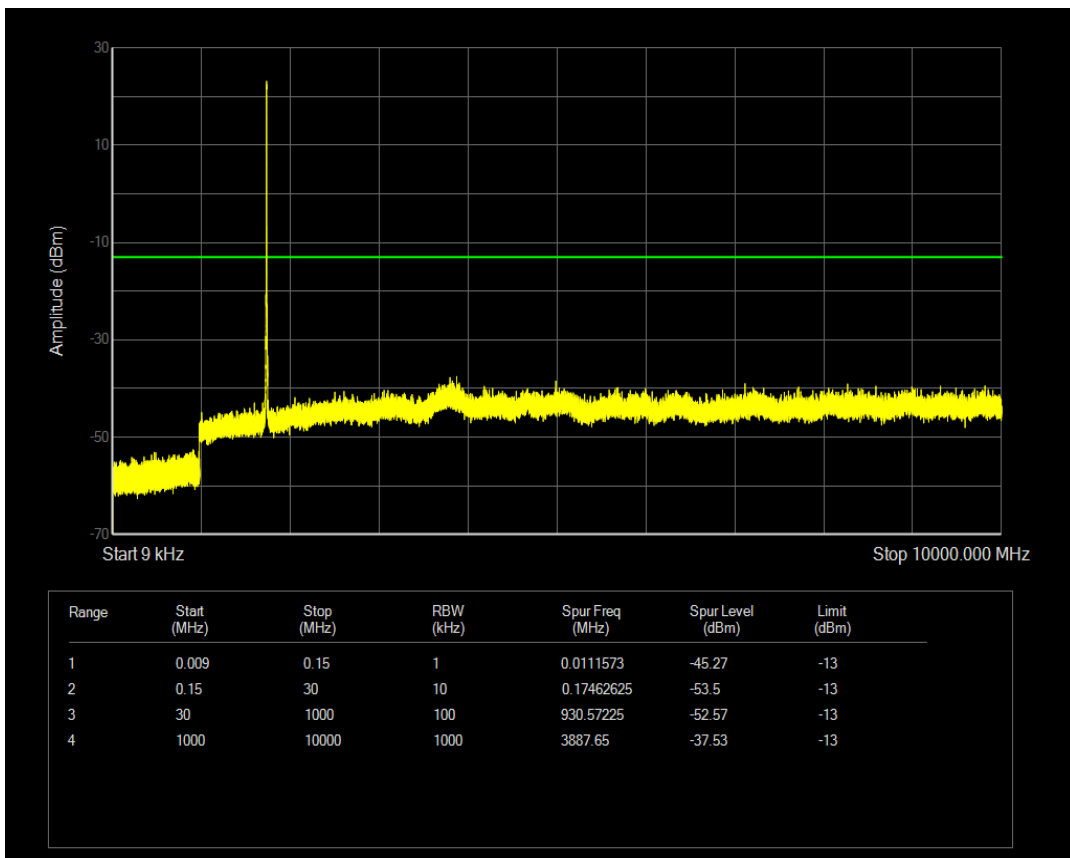


Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0

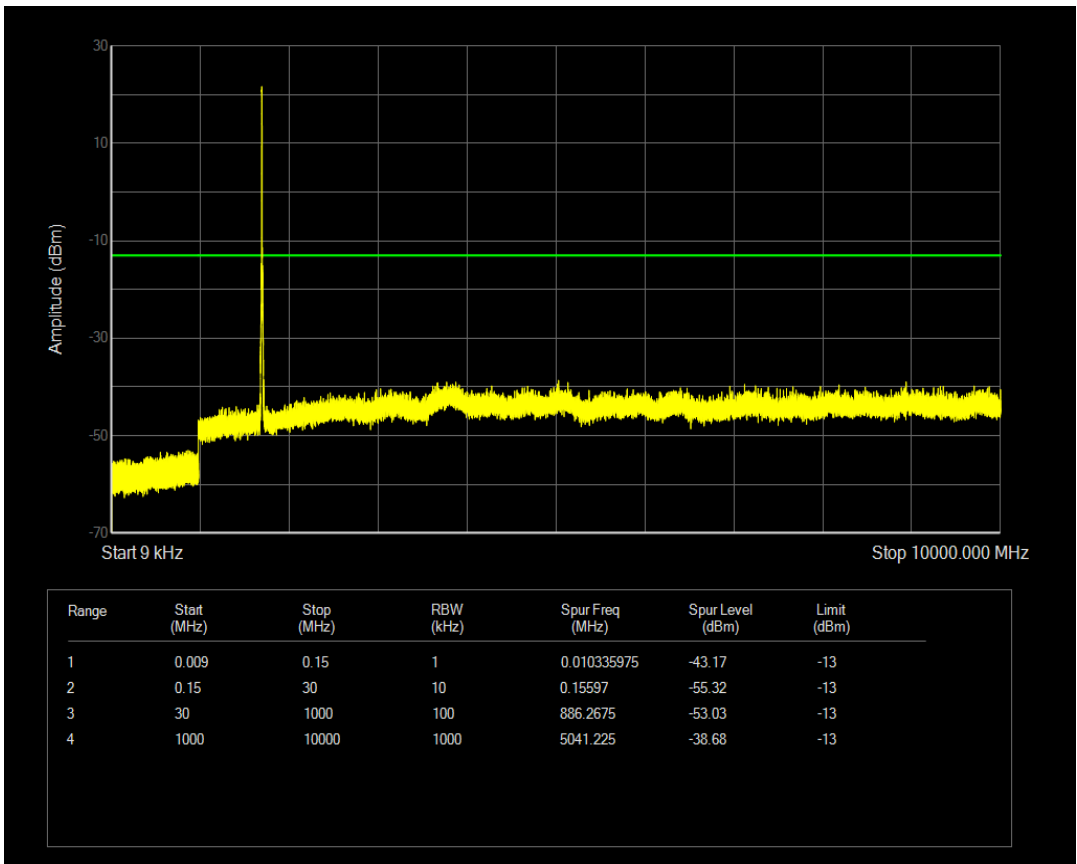




Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



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



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

