

**1 Conducted output power**

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	high Limit (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	<b>25.46</b>	37	PASS
Band4	1.4	19957	1	#Mid	QPSK	25.42	37	PASS
Band4	1.4	19957	1	#Max	QPSK	25.35	37	PASS
Band4	1.4	19957	3	#0	QPSK	25.24	37	PASS
Band4	1.4	19957	3	#Mid	QPSK	25.22	37	PASS
Band4	1.4	19957	3	#Max	QPSK	25.18	37	PASS
Band4	1.4	19957	6	#0	QPSK	24.53	37	PASS
Band4	1.4	19957	1	#0	QAM16	24.20	37	PASS
Band4	1.4	19957	1	#Mid	QAM16	24.22	37	PASS
Band4	1.4	19957	1	#Max	QAM16	24.19	37	PASS
Band4	1.4	19957	3	#0	QAM16	24.16	37	PASS
Band4	1.4	19957	3	#Mid	QAM16	24.20	37	PASS
Band4	1.4	19957	3	#Max	QAM16	24.17	37	PASS
Band4	1.4	19957	6	#0	QAM16	23.40	37	PASS
Band4	1.4	20175	1	#0	QPSK	25.09	37	PASS
Band4	1.4	20175	1	#Mid	QPSK	25.16	37	PASS
Band4	1.4	20175	1	#Max	QPSK	25.04	37	PASS
Band4	1.4	20175	3	#0	QPSK	25.11	37	PASS
Band4	1.4	20175	3	#Mid	QPSK	25.12	37	PASS
Band4	1.4	20175	3	#Max	QPSK	25.09	37	PASS
Band4	1.4	20175	6	#0	QPSK	24.18	37	PASS
Band4	1.4	20175	1	#0	QAM16	23.86	37	PASS
Band4	1.4	20175	1	#Mid	QAM16	23.96	37	PASS
Band4	1.4	20175	1	#Max	QAM16	23.89	37	PASS
Band4	1.4	20175	3	#0	QAM16	24.21	37	PASS
Band4	1.4	20175	3	#Mid	QAM16	24.25	37	PASS
Band4	1.4	20175	3	#Max	QAM16	24.20	37	PASS
Band4	1.4	20175	6	#0	QAM16	23.36	37	PASS
Band4	1.4	20393	1	#0	QPSK	25.19	37	PASS
Band4	1.4	20393	1	#Mid	QPSK	25.25	37	PASS
Band4	1.4	20393	1	#Max	QPSK	25.15	37	PASS
Band4	1.4	20393	3	#0	QPSK	24.72	37	PASS
Band4	1.4	20393	3	#Mid	QPSK	24.76	37	PASS
Band4	1.4	20393	3	#Max	QPSK	24.74	37	PASS
Band4	1.4	20393	6	#0	QPSK	24.23	37	PASS
Band4	1.4	20393	1	#0	QAM16	23.74	37	PASS
Band4	1.4	20393	1	#Mid	QAM16	23.78	37	PASS
Band4	1.4	20393	1	#Max	QAM16	23.76	37	PASS
Band4	1.4	20393	3	#0	QAM16	23.70	37	PASS
Band4	1.4	20393	3	#Mid	QAM16	23.76	37	PASS
Band4	1.4	20393	3	#Max	QAM16	23.67	37	PASS

Band4	1.4	20393	6	#0	QAM16	23.02	37	PASS
Band4	3	19965	1	#0	QPSK	25.20	37	PASS
Band4	3	19965	1	#Mid	QPSK	25.27	37	PASS
Band4	3	19965	1	#Max	QPSK	25.14	37	PASS
Band4	3	19965	8	#0	QPSK	24.31	37	PASS
Band4	3	19965	8	#Mid	QPSK	24.37	37	PASS
Band4	3	19965	8	#Max	QPSK	24.30	37	PASS
Band4	3	19965	15	#0	QPSK	24.15	37	PASS
Band4	3	19965	1	#0	QAM16	24.23	37	PASS
Band4	3	19965	1	#Mid	QAM16	24.28	37	PASS
Band4	3	19965	1	#Max	QAM16	24.14	37	PASS
Band4	3	19965	8	#0	QAM16	23.11	37	PASS
Band4	3	19965	8	#Mid	QAM16	23.15	37	PASS
Band4	3	19965	8	#Max	QAM16	23.10	37	PASS
Band4	3	19965	15	#0	QAM16	23.08	37	PASS
Band4	3	20175	1	#0	QPSK	24.90	37	PASS
Band4	3	20175	1	#Mid	QPSK	24.91	37	PASS
Band4	3	20175	1	#Max	QPSK	24.85	37	PASS
Band4	3	20175	8	#0	QPSK	24.04	37	PASS
Band4	3	20175	8	#Mid	QPSK	24.13	37	PASS
Band4	3	20175	8	#Max	QPSK	24.14	37	PASS
Band4	3	20175	15	#0	QPSK	24.10	37	PASS
Band4	3	20175	1	#0	QAM16	24.05	37	PASS
Band4	3	20175	1	#Mid	QAM16	24.11	37	PASS
Band4	3	20175	1	#Max	QAM16	24.02	37	PASS
Band4	3	20175	8	#0	QAM16	23.07	37	PASS
Band4	3	20175	8	#Mid	QAM16	23.13	37	PASS
Band4	3	20175	8	#Max	QAM16	23.07	37	PASS
Band4	3	20175	15	#0	QAM16	23.02	37	PASS
Band4	3	20385	1	#0	QPSK	24.91	37	PASS
Band4	3	20385	1	#Mid	QPSK	25.06	37	PASS
Band4	3	20385	1	#Max	QPSK	25.04	37	PASS
Band4	3	20385	8	#0	QPSK	23.98	37	PASS
Band4	3	20385	8	#Mid	QPSK	24.08	37	PASS
Band4	3	20385	8	#Max	QPSK	23.96	37	PASS
Band4	3	20385	15	#0	QPSK	23.79	37	PASS
Band4	3	20385	1	#0	QAM16	23.34	37	PASS
Band4	3	20385	1	#Mid	QAM16	23.45	37	PASS
Band4	3	20385	1	#Max	QAM16	23.37	37	PASS
Band4	3	20385	8	#0	QAM16	22.72	37	PASS
Band4	3	20385	8	#Mid	QAM16	22.80	37	PASS
Band4	3	20385	8	#Max	QAM16	22.72	37	PASS
Band4	3	20385	15	#0	QAM16	22.72	37	PASS
Band4	5	19975	1	#0	QPSK	25.39	37	PASS

Band4	5	19975	1	#Mid	QPSK	25.39	37	PASS
Band4	5	19975	1	#Max	QPSK	25.31	37	PASS
Band4	5	19975	12	#0	QPSK	24.22	37	PASS
Band4	5	19975	12	#Mid	QPSK	24.25	37	PASS
Band4	5	19975	12	#Max	QPSK	24.18	37	PASS
Band4	5	19975	25	#0	QPSK	24.17	37	PASS
Band4	5	19975	1	#0	QAM16	24.45	37	PASS
Band4	5	19975	1	#Mid	QAM16	24.49	37	PASS
Band4	5	19975	1	#Max	QAM16	24.39	37	PASS
Band4	5	19975	12	#0	QAM16	23.05	37	PASS
Band4	5	19975	12	#Mid	QAM16	23.11	37	PASS
Band4	5	19975	12	#Max	QAM16	23.04	37	PASS
Band4	5	19975	25	#0	QAM16	23.07	37	PASS
Band4	5	20175	1	#0	QPSK	25.16	37	PASS
Band4	5	20175	1	#Mid	QPSK	25.20	37	PASS
Band4	5	20175	1	#Max	QPSK	25.10	37	PASS
Band4	5	20175	12	#0	QPSK	24.12	37	PASS
Band4	5	20175	12	#Mid	QPSK	24.20	37	PASS
Band4	5	20175	12	#Max	QPSK	24.14	37	PASS
Band4	5	20175	25	#0	QPSK	24.16	37	PASS
Band4	5	20175	1	#0	QAM16	24.36	37	PASS
Band4	5	20175	1	#Mid	QAM16	24.44	37	PASS
Band4	5	20175	1	#Max	QAM16	24.36	37	PASS
Band4	5	20175	12	#0	QAM16	23.01	37	PASS
Band4	5	20175	12	#Mid	QAM16	23.15	37	PASS
Band4	5	20175	12	#Max	QAM16	23.08	37	PASS
Band4	5	20175	25	#0	QAM16	23.18	37	PASS
Band4	5	20375	1	#0	QPSK	24.90	37	PASS
Band4	5	20375	1	#Mid	QPSK	24.98	37	PASS
Band4	5	20375	1	#Max	QPSK	24.97	37	PASS
Band4	5	20375	12	#0	QPSK	23.82	37	PASS
Band4	5	20375	12	#Mid	QPSK	23.93	37	PASS
Band4	5	20375	12	#Max	QPSK	23.82	37	PASS
Band4	5	20375	25	#0	QPSK	23.80	37	PASS
Band4	5	20375	1	#0	QAM16	23.90	37	PASS
Band4	5	20375	1	#Mid	QAM16	23.94	37	PASS
Band4	5	20375	1	#Max	QAM16	23.93	37	PASS
Band4	5	20375	12	#0	QAM16	22.70	37	PASS
Band4	5	20375	12	#Mid	QAM16	22.77	37	PASS
Band4	5	20375	12	#Max	QAM16	22.70	37	PASS
Band4	5	20375	25	#0	QAM16	22.65	37	PASS
Band4	10	20000	1	#0	QPSK	25.45	37	PASS
Band4	10	20000	1	#Mid	QPSK	25.33	37	PASS
Band4	10	20000	1	#Max	QPSK	25.24	37	PASS

Band4	10	20000	25	#0	QPSK	24.16	37	PASS
Band4	10	20000	25	#Mid	QPSK	24.21	37	PASS
Band4	10	20000	25	#Max	QPSK	24.12	37	PASS
Band4	10	20000	50	#0	QPSK	24.10	37	PASS
Band4	10	20000	1	#0	QAM16	24.40	37	PASS
Band4	10	20000	1	#Mid	QAM16	24.43	37	PASS
Band4	10	20000	1	#Max	QAM16	24.44	37	PASS
Band4	10	20000	25	#0	QAM16	23.07	37	PASS
Band4	10	20000	25	#Mid	QAM16	23.13	37	PASS
Band4	10	20000	25	#Max	QAM16	23.11	37	PASS
Band4	10	20000	50	#0	QAM16	23.09	37	PASS
Band4	10	20175	1	#0	QPSK	25.17	37	PASS
Band4	10	20175	1	#Mid	QPSK	25.24	37	PASS
Band4	10	20175	1	#Max	QPSK	25.13	37	PASS
Band4	10	20175	25	#0	QPSK	24.13	37	PASS
Band4	10	20175	25	#Mid	QPSK	24.23	37	PASS
Band4	10	20175	25	#Max	QPSK	24.15	37	PASS
Band4	10	20175	50	#0	QPSK	24.18	37	PASS
Band4	10	20175	1	#0	QAM16	24.34	37	PASS
Band4	10	20175	1	#Mid	QAM16	24.37	37	PASS
Band4	10	20175	1	#Max	QAM16	24.20	37	PASS
Band4	10	20175	25	#0	QAM16	23.10	37	PASS
Band4	10	20175	25	#Mid	QAM16	23.21	37	PASS
Band4	10	20175	25	#Max	QAM16	23.14	37	PASS
Band4	10	20175	50	#0	QAM16	23.16	37	PASS
Band4	10	20350	1	#0	QPSK	25.16	37	PASS
Band4	10	20350	1	#Mid	QPSK	25.20	37	PASS
Band4	10	20350	1	#Max	QPSK	25.27	37	PASS
Band4	10	20350	25	#0	QPSK	23.80	37	PASS
Band4	10	20350	25	#Mid	QPSK	23.83	37	PASS
Band4	10	20350	25	#Max	QPSK	23.80	37	PASS
Band4	10	20350	50	#0	QPSK	23.74	37	PASS
Band4	10	20350	1	#0	QAM16	23.67	37	PASS
Band4	10	20350	1	#Mid	QAM16	23.62	37	PASS
Band4	10	20350	1	#Max	QAM16	23.64	37	PASS
Band4	10	20350	25	#0	QAM16	22.65	37	PASS
Band4	10	20350	25	#Mid	QAM16	22.72	37	PASS
Band4	10	20350	25	#Max	QAM16	22.65	37	PASS
Band4	10	20350	50	#0	QAM16	22.58	37	PASS
Band4	15	20025	1	#0	QPSK	25.36	37	PASS
Band4	15	20025	1	#Mid	QPSK	25.27	37	PASS
Band4	15	20025	1	#Max	QPSK	25.16	37	PASS
Band4	15	20025	36	#0	QPSK	24.36	37	PASS
Band4	15	20025	36	#Mid	QPSK	24.40	37	PASS

Band4	15	20025	36	#Max	QPSK	24.28	37	PASS
Band4	15	20025	75	#0	QPSK	24.39	37	PASS
Band4	15	20025	1	#0	QAM16	24.36	37	PASS
Band4	15	20025	1	#Mid	QAM16	24.44	37	PASS
Band4	15	20025	1	#Max	QAM16	24.49	37	PASS
Band4	15	20025	36	#0	QAM16	23.22	37	PASS
Band4	15	20025	36	#Mid	QAM16	23.24	37	PASS
Band4	15	20025	36	#Max	QAM16	23.23	37	PASS
Band4	15	20025	75	#0	QAM16	23.25	37	PASS
Band4	15	20175	1	#0	QPSK	25.09	37	PASS
Band4	15	20175	1	#Mid	QPSK	25.20	37	PASS
Band4	15	20175	1	#Max	QPSK	24.98	37	PASS
Band4	15	20175	36	#0	QPSK	24.14	37	PASS
Band4	15	20175	36	#Mid	QPSK	24.22	37	PASS
Band4	15	20175	36	#Max	QPSK	24.19	37	PASS
Band4	15	20175	75	#0	QPSK	24.24	37	PASS
Band4	15	20175	1	#0	QAM16	24.29	37	PASS
Band4	15	20175	1	#Mid	QAM16	24.36	37	PASS
Band4	15	20175	1	#Max	QAM16	24.08	37	PASS
Band4	15	20175	36	#0	QAM16	23.21	37	PASS
Band4	15	20175	36	#Mid	QAM16	23.25	37	PASS
Band4	15	20175	36	#Max	QAM16	23.18	37	PASS
Band4	15	20175	75	#0	QAM16	23.15	37	PASS
Band4	15	20325	1	#0	QPSK	25.14	37	PASS
Band4	15	20325	1	#Mid	QPSK	25.20	37	PASS
Band4	15	20325	1	#Max	QPSK	25.22	37	PASS
Band4	15	20325	36	#0	QPSK	24.03	37	PASS
Band4	15	20325	36	#Mid	QPSK	24.11	37	PASS
Band4	15	20325	36	#Max	QPSK	24.02	37	PASS
Band4	15	20325	75	#0	QPSK	24.10	37	PASS
Band4	15	20325	1	#0	QAM16	24.03	37	PASS
Band4	15	20325	1	#Mid	QAM16	23.95	37	PASS
Band4	15	20325	1	#Max	QAM16	23.89	37	PASS
Band4	15	20325	36	#0	QAM16	22.87	37	PASS
Band4	15	20325	36	#Mid	QAM16	22.91	37	PASS
Band4	15	20325	36	#Max	QAM16	22.83	37	PASS
Band4	15	20325	75	#0	QAM16	22.90	37	PASS
Band4	20	20050	1	#0	QPSK	25.35	37	PASS
Band4	20	20050	1	#Mid	QPSK	25.36	37	PASS
Band4	20	20050	1	#Max	QPSK	25.09	37	PASS
Band4	20	20050	50	#0	QPSK	24.14	37	PASS
Band4	20	20050	50	#Mid	QPSK	24.25	37	PASS
Band4	20	20050	50	#Max	QPSK	24.26	37	PASS
Band4	20	20050	100	#0	QPSK	24.18	37	PASS

Band4	20	20050	1	#0	QAM16	24.23	37	PASS
Band4	20	20050	1	#Mid	QAM16	24.48	37	PASS
Band4	20	20050	1	#Max	QAM16	24.35	37	PASS
Band4	20	20050	50	#0	QAM16	23.15	37	PASS
Band4	20	20050	50	#Mid	QAM16	23.25	37	PASS
Band4	20	20050	50	#Max	QAM16	23.27	37	PASS
Band4	20	20050	100	#0	QAM16	23.17	37	PASS
Band4	20	20175	1	#0	QPSK	25.14	37	PASS
Band4	20	20175	1	#Mid	QPSK	25.33	37	PASS
Band4	20	20175	1	#Max	QPSK	25.01	37	PASS
Band4	20	20175	50	#0	QPSK	24.15	37	PASS
Band4	20	20175	50	#Mid	QPSK	24.21	37	PASS
Band4	20	20175	50	#Max	QPSK	24.20	37	PASS
Band4	20	20175	100	#0	QPSK	24.13	37	PASS
Band4	20	20175	1	#0	QAM16	24.18	37	PASS
Band4	20	20175	1	#Mid	QAM16	24.44	37	PASS
Band4	20	20175	1	#Max	QAM16	23.96	37	PASS
Band4	20	20175	50	#0	QAM16	23.14	37	PASS
Band4	20	20175	50	#Mid	QAM16	23.20	37	PASS
Band4	20	20175	50	#Max	QAM16	23.14	37	PASS
Band4	20	20175	100	#0	QAM16	23.15	37	PASS
Band4	20	20300	1	#0	QPSK	25.05	37	PASS
Band4	20	20300	1	#Mid	QPSK	25.20	37	PASS
Band4	20	20300	1	#Max	QPSK	25.01	37	PASS
Band4	20	20300	50	#0	QPSK	23.89	37	PASS
Band4	20	20300	50	#Mid	QPSK	23.93	37	PASS
Band4	20	20300	50	#Max	QPSK	23.77	37	PASS
Band4	20	20300	100	#0	QPSK	23.86	37	PASS
Band4	20	20300	1	#0	QAM16	24.20	37	PASS
Band4	20	20300	1	#Mid	QAM16	24.10	37	PASS
Band4	20	20300	1	#Max	QAM16	23.82	37	PASS
Band4	20	20300	50	#0	QAM16	22.84	37	PASS
Band4	20	20300	50	#Mid	QAM16	22.89	37	PASS
Band4	20	20300	50	#Max	QAM16	22.71	37	PASS
Band4	20	20300	100	#0	QAM16	22.78	37	PASS

## 2 Frequency stability

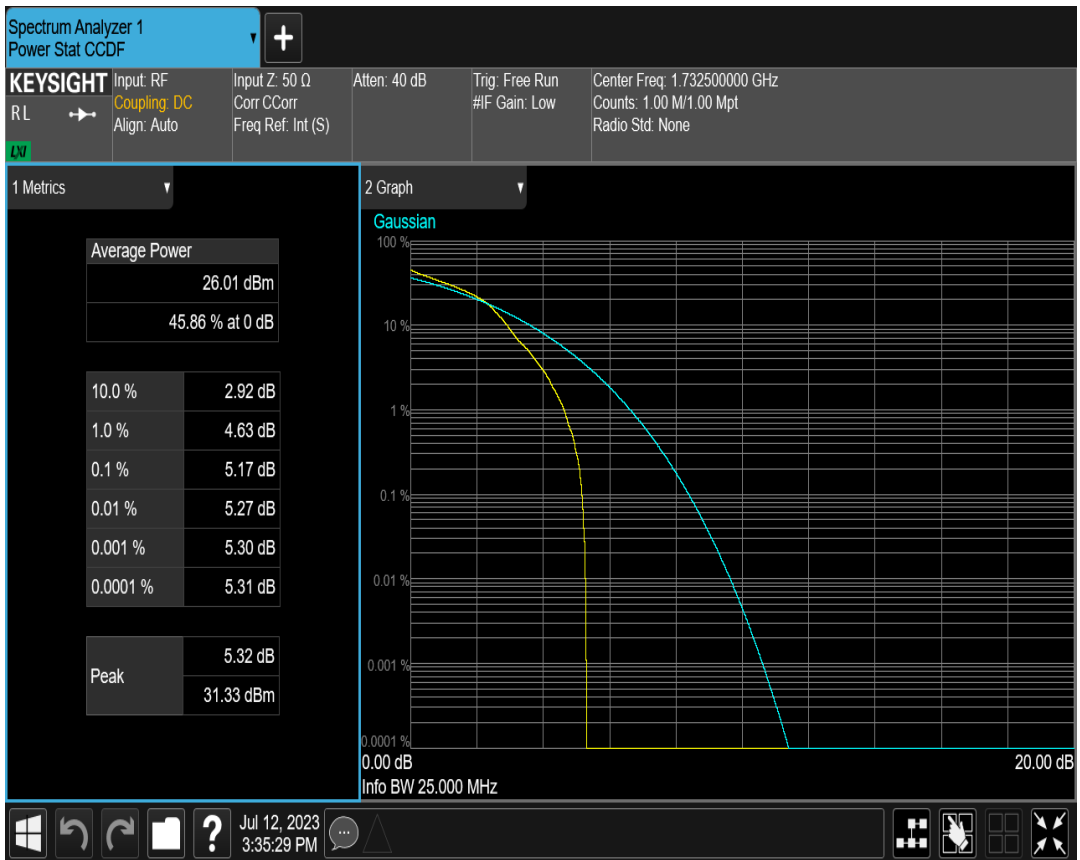
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band4	20	20050	100	#0	QPSK	2.77	0.002	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	1.28	0.001	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	1.28	0.001	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	-2.36	-0.001	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	-0.25	0.000	-2.5	2.5	PASS

Band4	20	20300	100	#0	QAM16	1.43	0.001	-2.5	2.5	PASS
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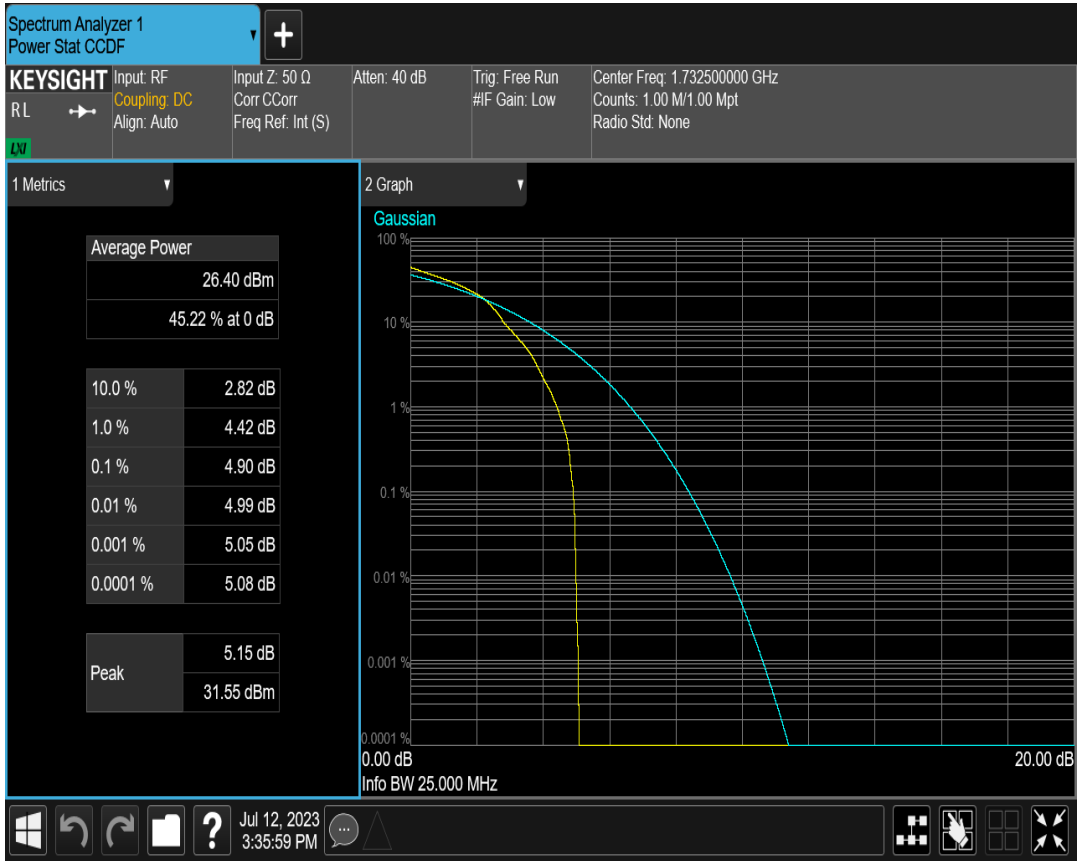
### 3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QPSK	4.27	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.17	13	PASS
Band4	3	20175	1	#0	QPSK	4.36	13	PASS
Band4	3	20175	1	#0	QAM16	5.19	13	PASS
Band4	5	20175	1	#0	QPSK	4.28	13	PASS
Band4	5	20175	1	#0	QAM16	5.00	13	PASS
Band4	10	20175	1	#0	QPSK	4.02	13	PASS
Band4	10	20175	1	#0	QAM16	4.90	13	PASS
Band4	15	20175	1	#0	QPSK	3.89	13	PASS
Band4	15	20175	1	#0	QAM16	4.74	13	PASS
Band4	20	20175	1	#0	QPSK	3.66	13	PASS
Band4	20	20175	1	#0	QAM16	4.36	13	PASS

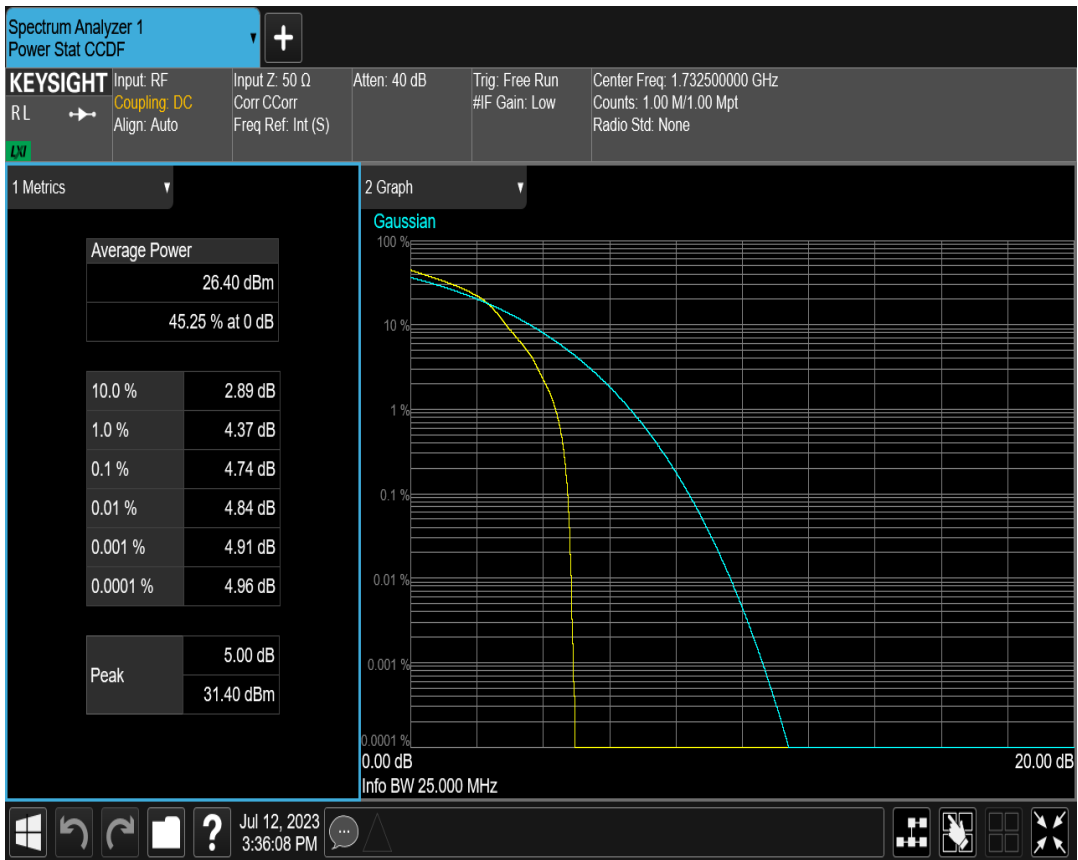
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0



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



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

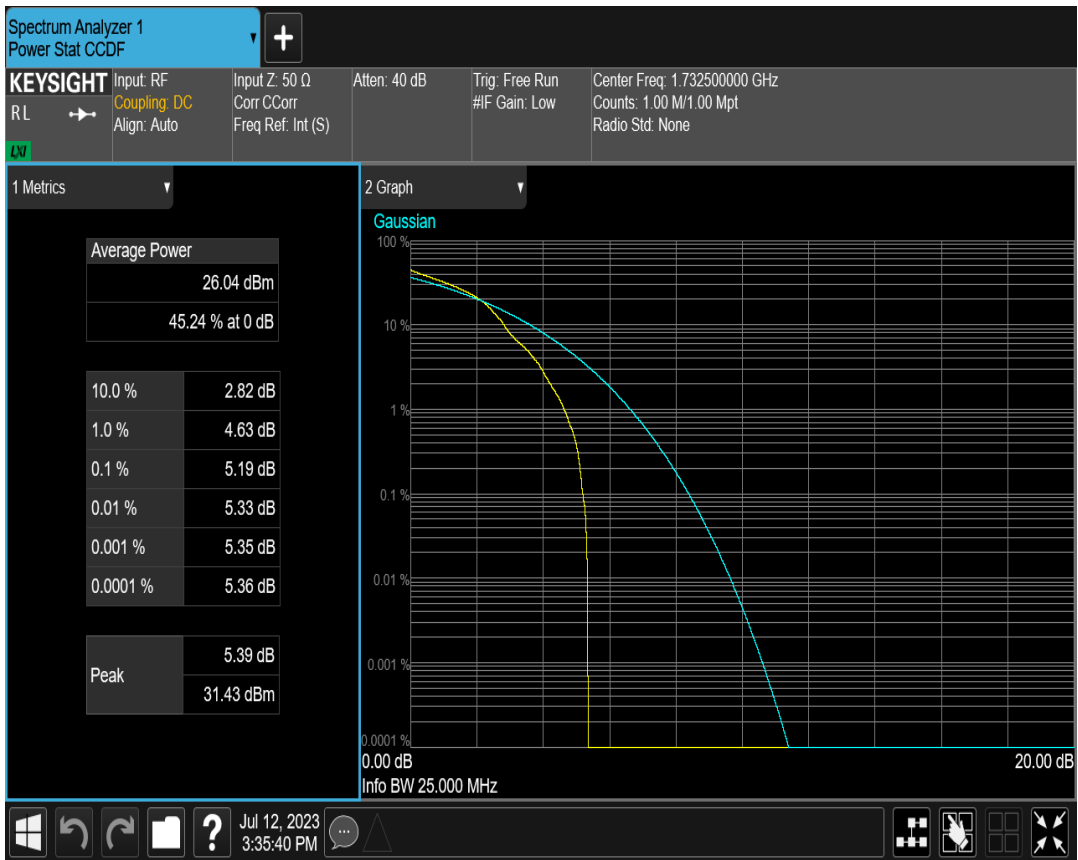


Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0

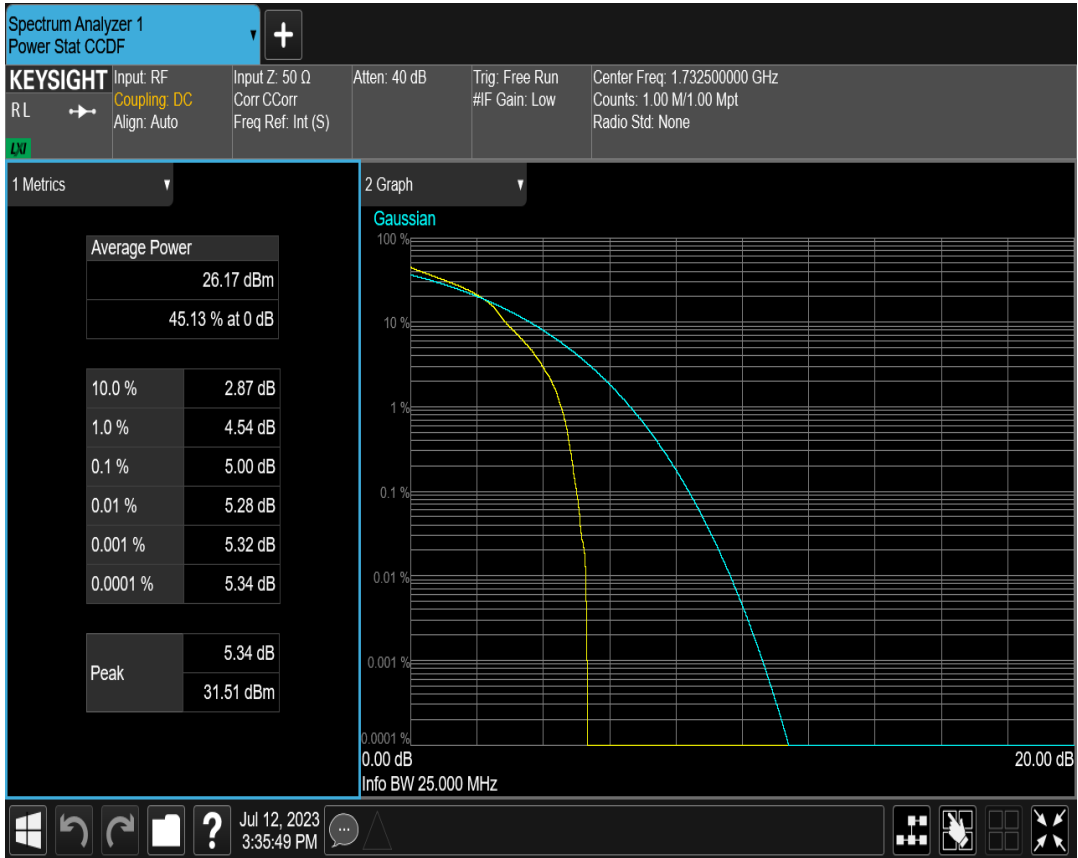




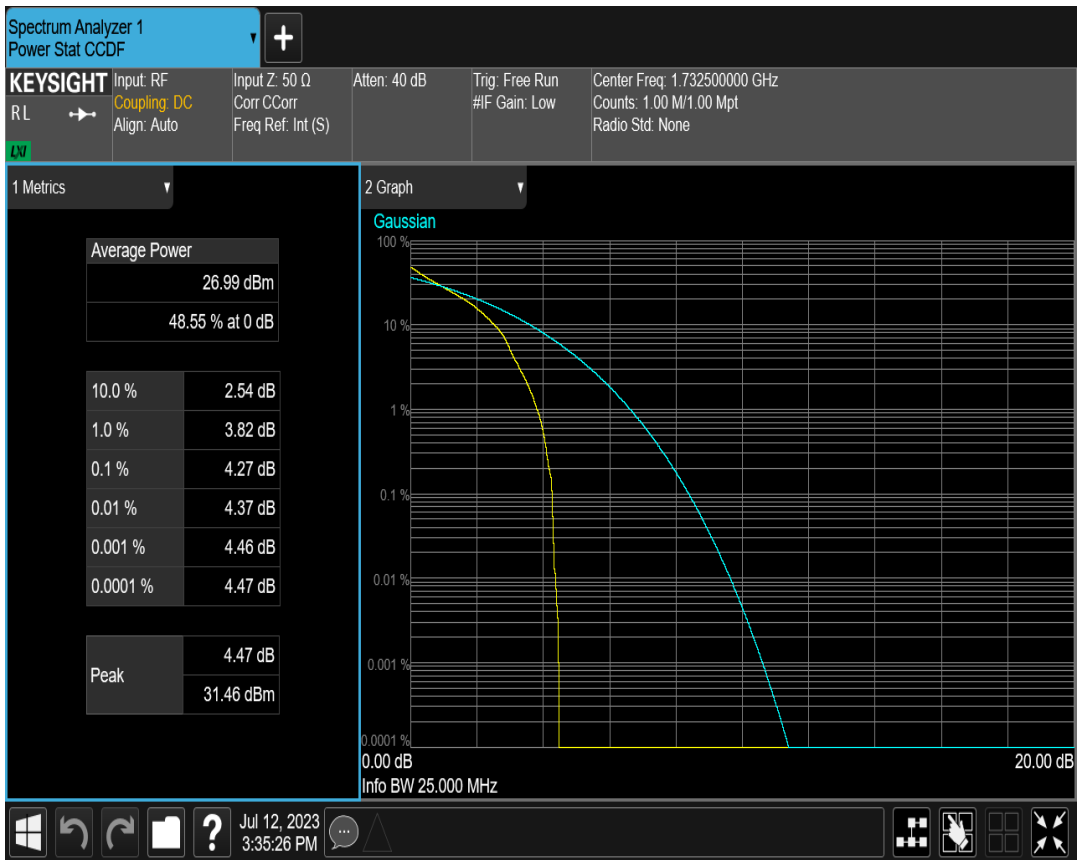
Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



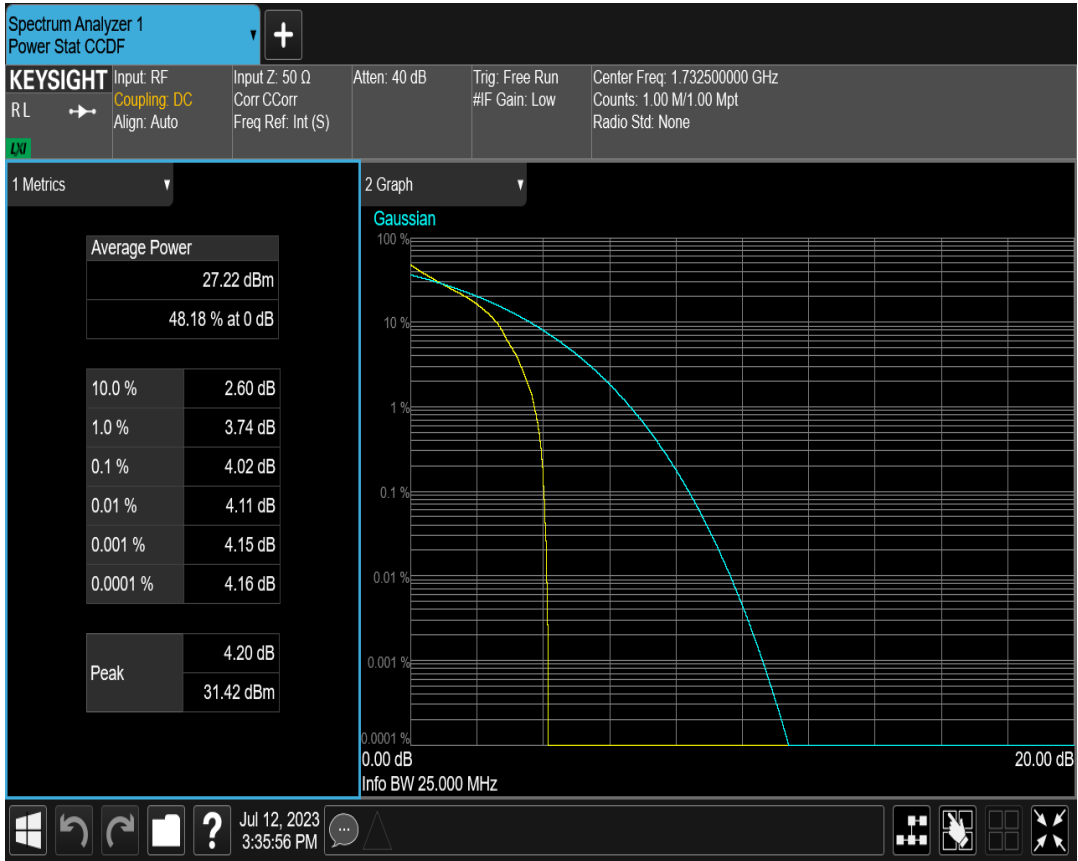
Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



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



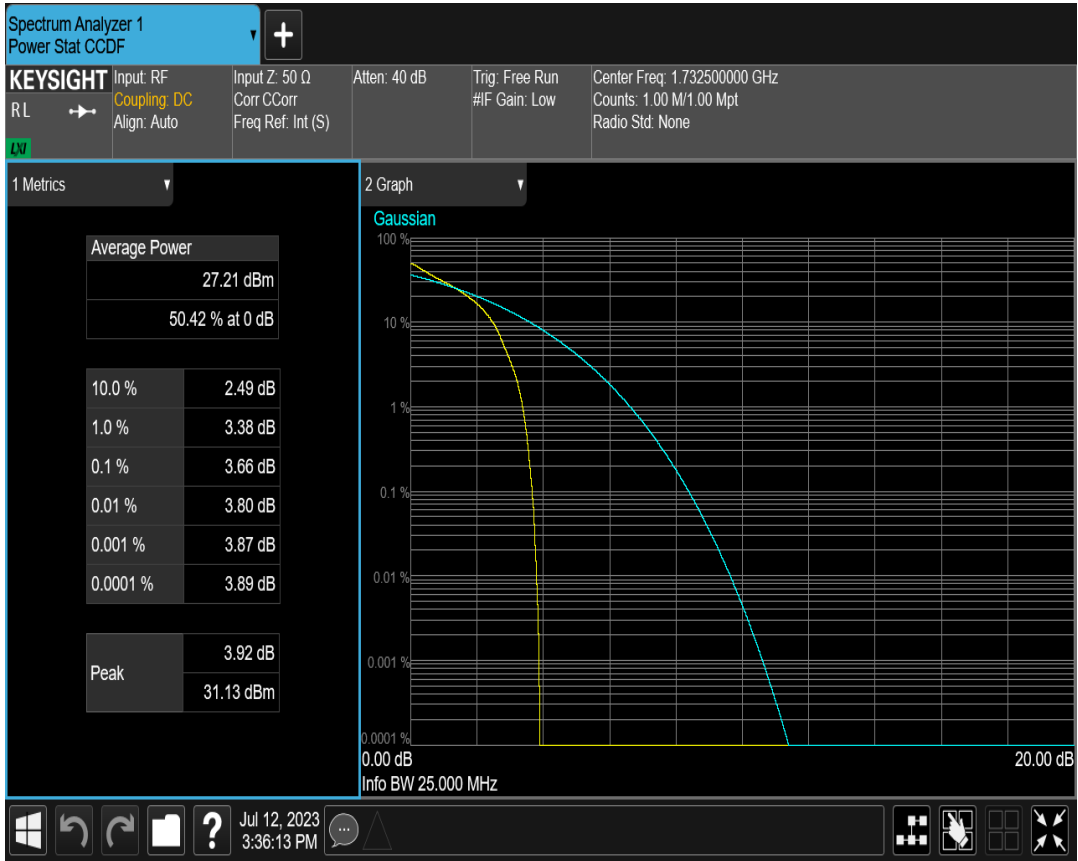
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



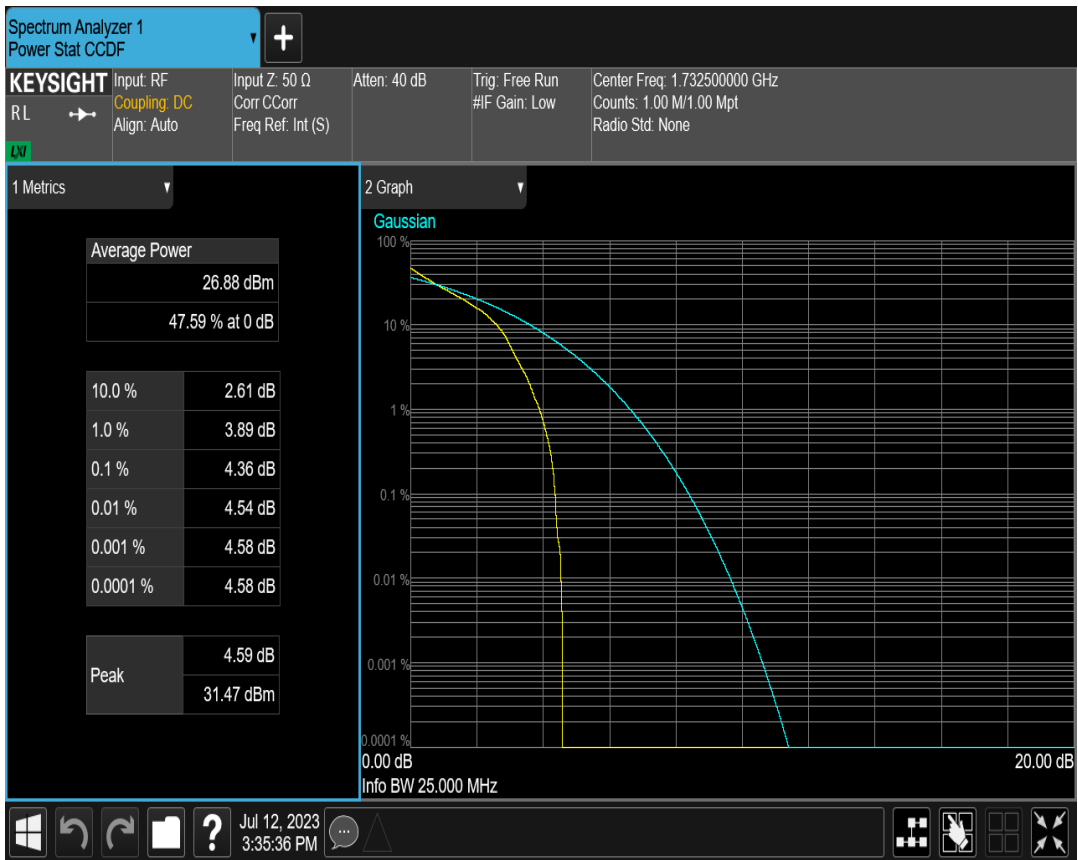
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



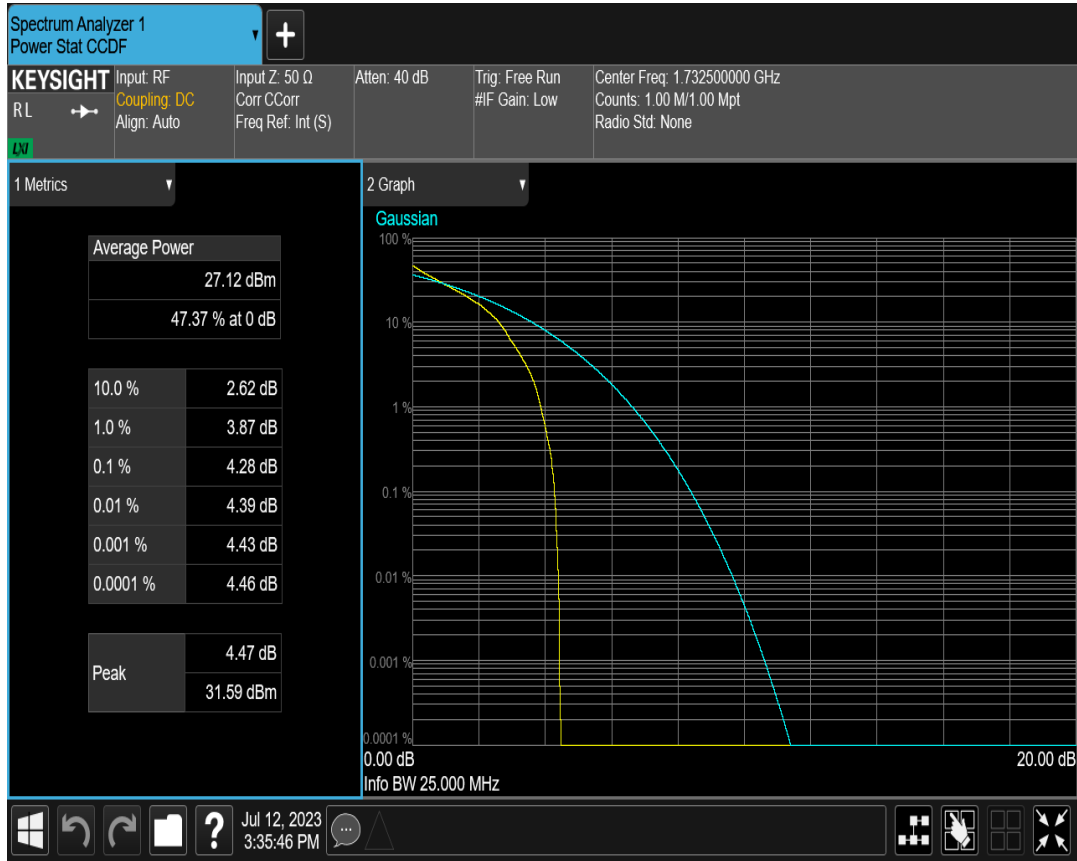
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



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



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

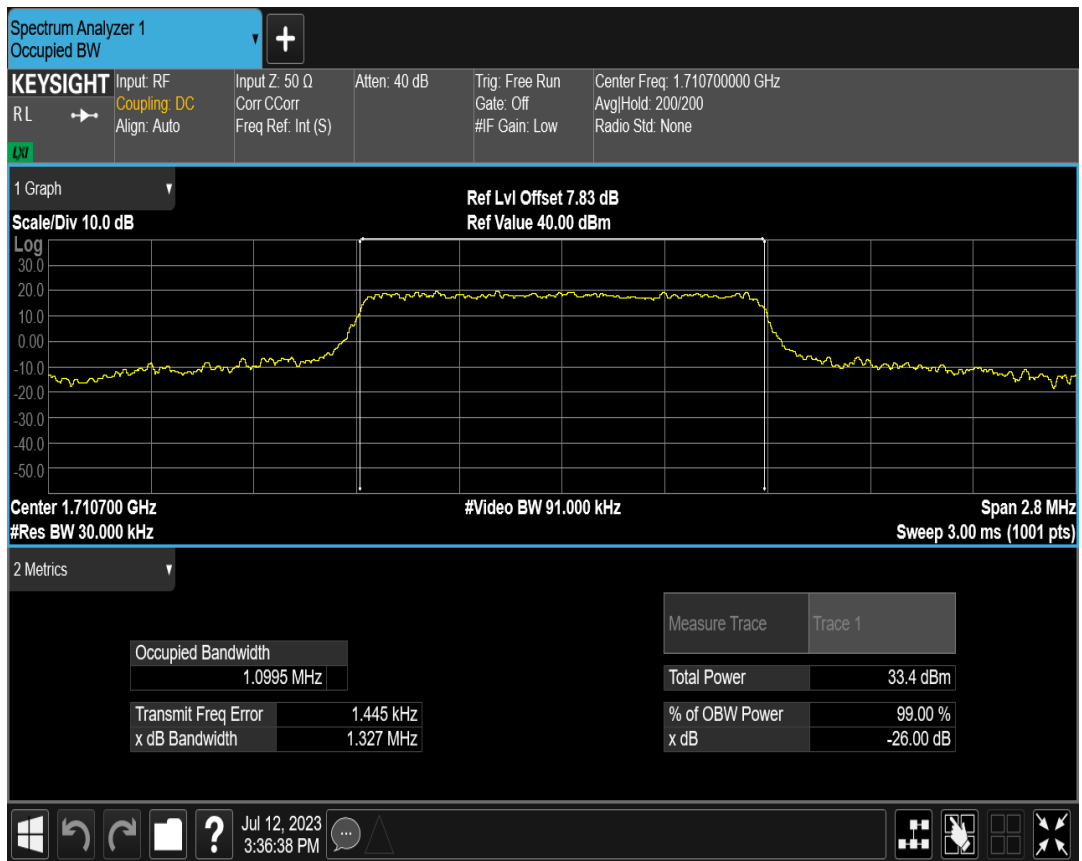


**4 Occupied bandwidth**

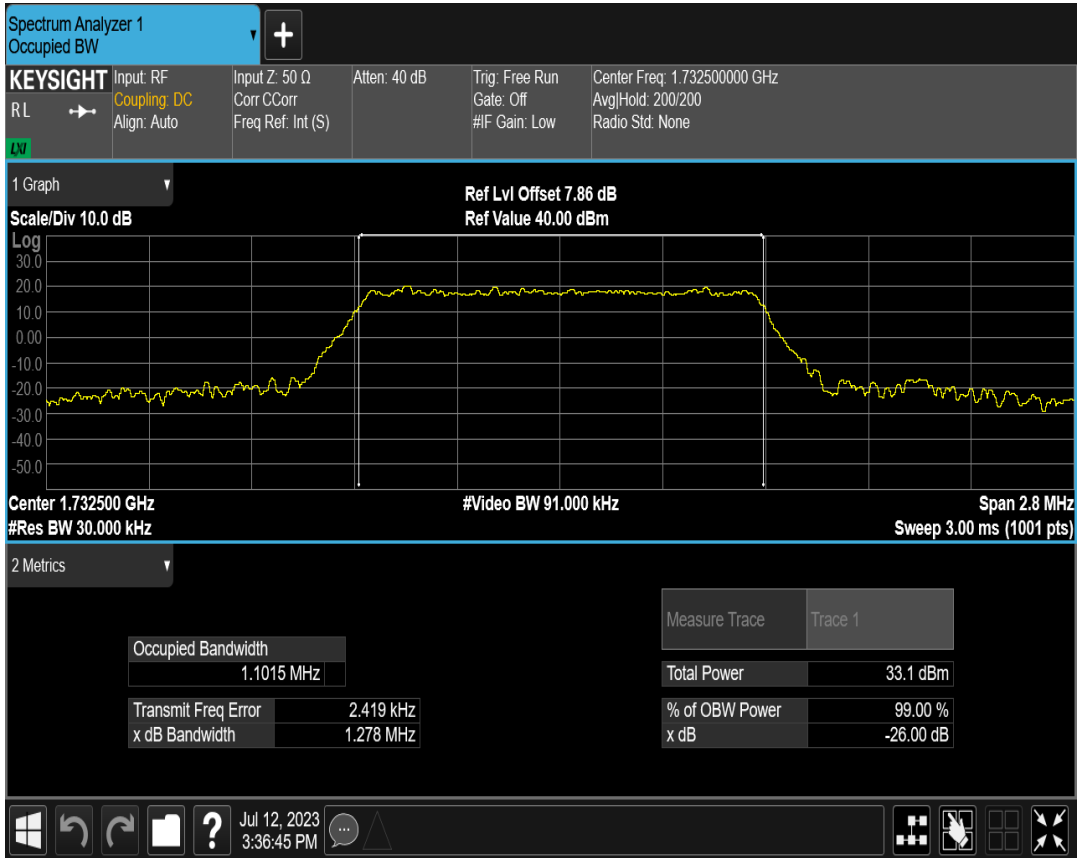
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.105	1.954	PASS
Band4	1.4	19957	6	#0	QAM16	1.100	1.327	PASS
Band4	1.4	20175	6	#0	QPSK	1.096	1.269	PASS
Band4	1.4	20175	6	#0	QAM16	1.101	1.278	PASS
Band4	1.4	20393	6	#0	QPSK	1.127	2.044	PASS
Band4	1.4	20393	6	#0	QAM16	1.110	1.685	PASS
Band4	3	19965	15	#0	QPSK	2.687	3.029	PASS
Band4	3	19965	15	#0	QAM16	2.691	3.028	PASS
Band4	3	20175	15	#0	QPSK	2.678	2.978	PASS
Band4	3	20175	15	#0	QAM16	2.683	2.982	PASS
Band4	3	20385	15	#0	QPSK	2.709	3.820	PASS
Band4	3	20385	15	#0	QAM16	2.694	3.115	PASS
Band4	5	19975	25	#0	QPSK	4.539	4.876	PASS
Band4	5	19975	25	#0	QAM16	4.521	4.890	PASS
Band4	5	20175	25	#0	QPSK	4.512	4.902	PASS
Band4	5	20175	25	#0	QAM16	4.505	4.909	PASS
Band4	5	20375	25	#0	QPSK	4.521	5.567	PASS
Band4	5	20375	25	#0	QAM16	4.544	6.989	PASS
Band4	10	20000	50	#0	QPSK	9.013	9.718	PASS
Band4	10	20000	50	#0	QAM16	8.994	9.678	PASS
Band4	10	20175	50	#0	QPSK	8.985	9.697	PASS

Band4	10	20175	50	#0	QAM16	8.958	9.588	PASS
Band4	10	20350	50	#0	QPSK	9.018	12.143	PASS
Band4	10	20350	50	#0	QAM16	9.003	9.595	PASS
Band4	15	20025	75	#0	QPSK	13.457	14.557	PASS
Band4	15	20025	75	#0	QAM16	13.472	14.368	PASS
Band4	15	20175	75	#0	QPSK	13.460	14.463	PASS
Band4	15	20175	75	#0	QAM16	13.461	14.556	PASS
Band4	15	20325	75	#0	QPSK	13.525	17.748	PASS
Band4	15	20325	75	#0	QAM16	13.504	14.692	PASS
Band4	20	20050	100	#0	QPSK	17.987	19.388	PASS
Band4	20	20050	100	#0	QAM16	17.978	19.165	PASS
Band4	20	20175	100	#0	QPSK	17.929	19.033	PASS
Band4	20	20175	100	#0	QAM16	17.994	19.351	PASS
Band4	20	20300	100	#0	QPSK	17.958	19.336	PASS
Band4	20	20300	100	#0	QAM16	17.960	19.236	PASS

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



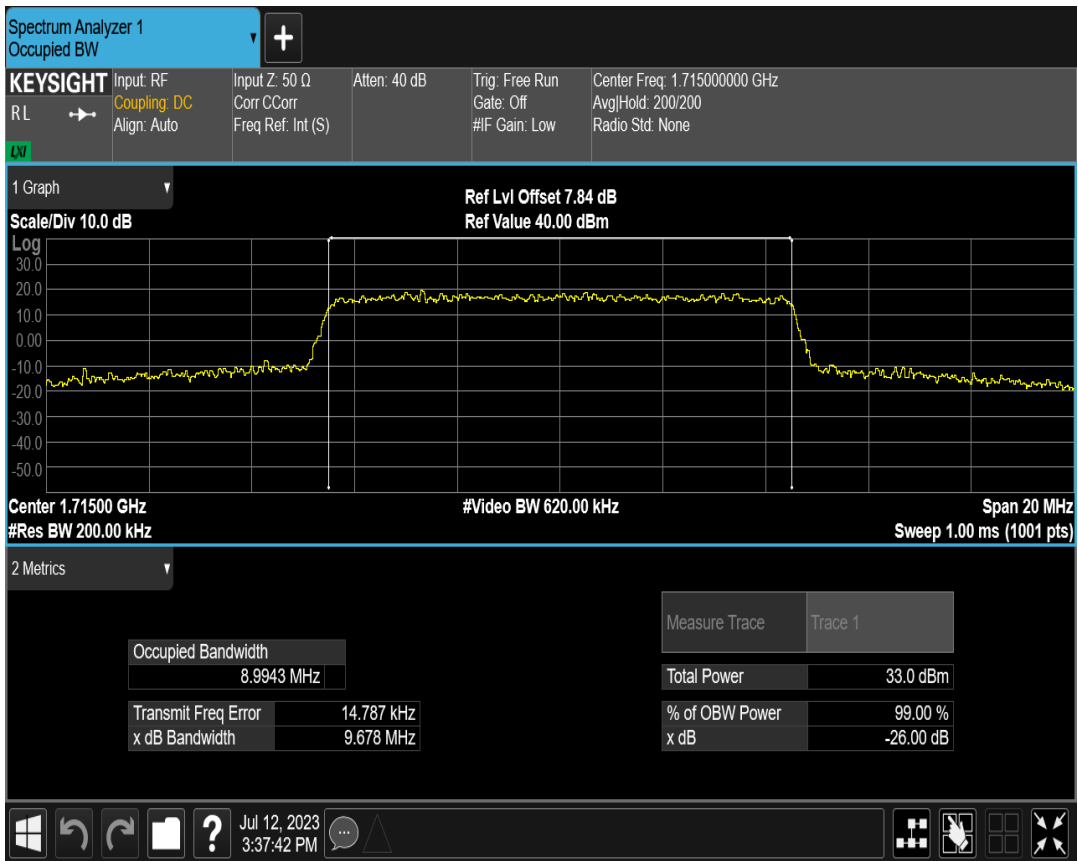
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



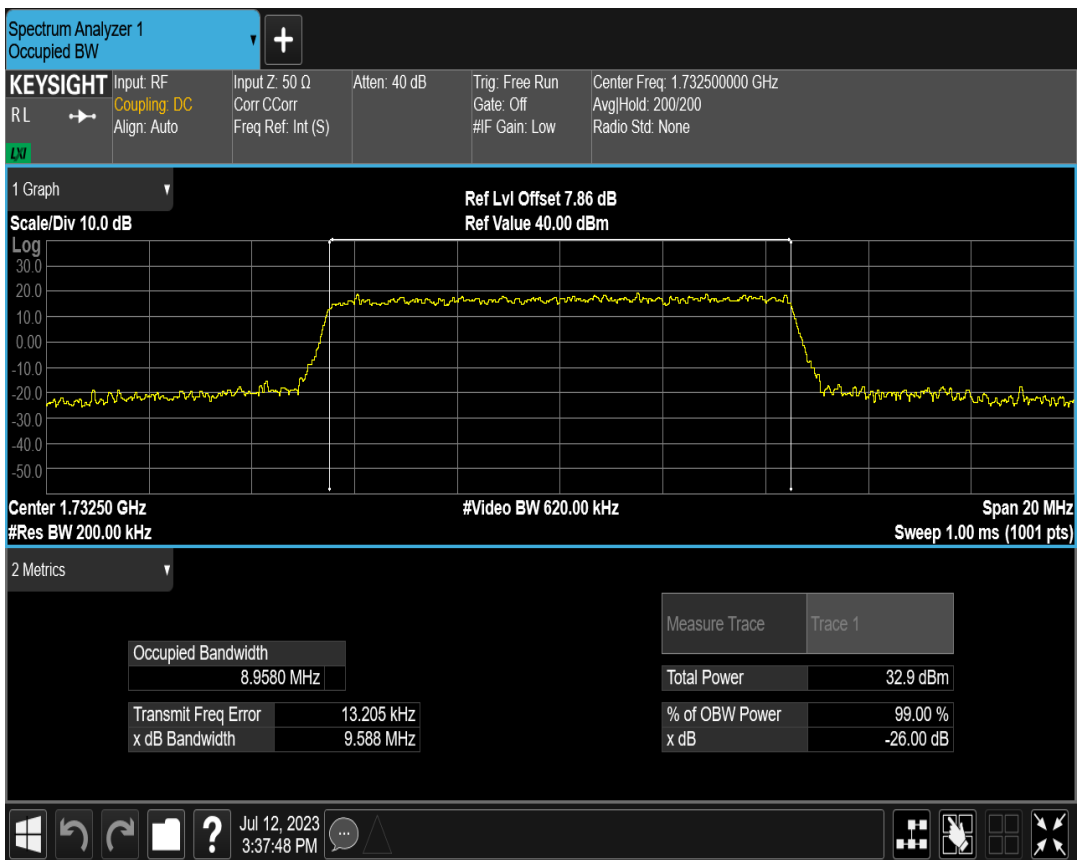
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



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

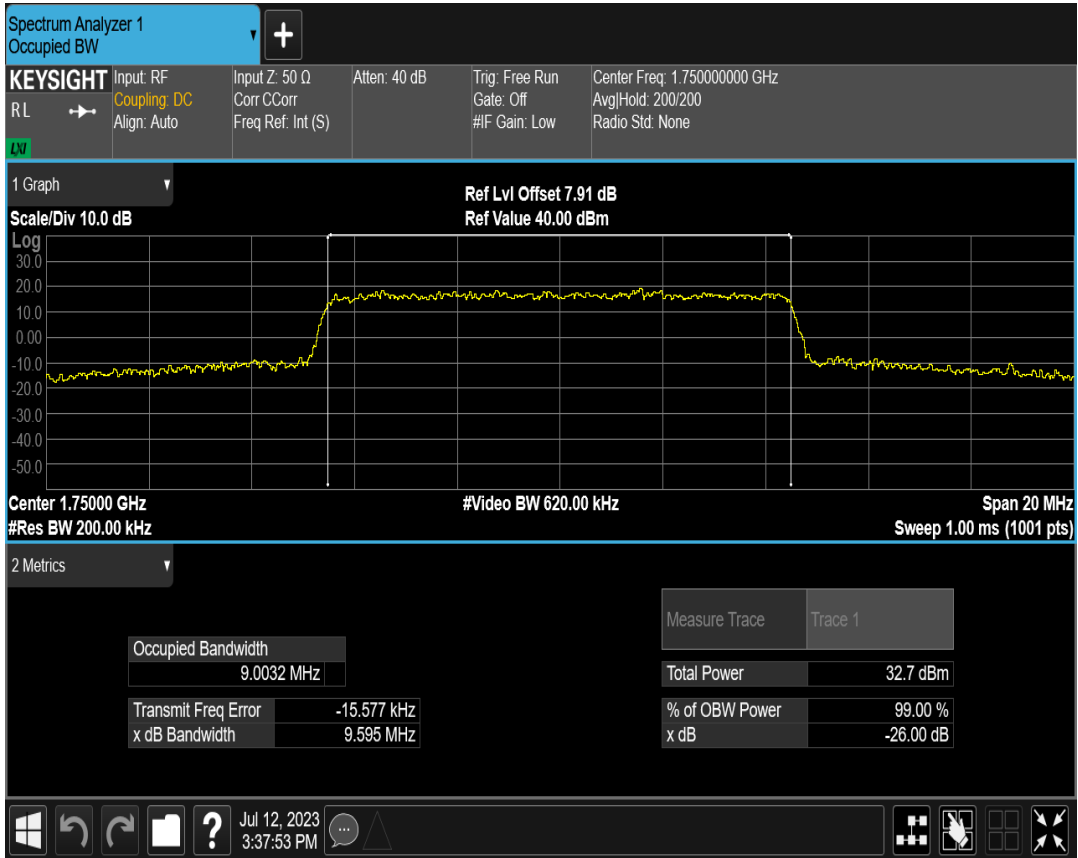


Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0

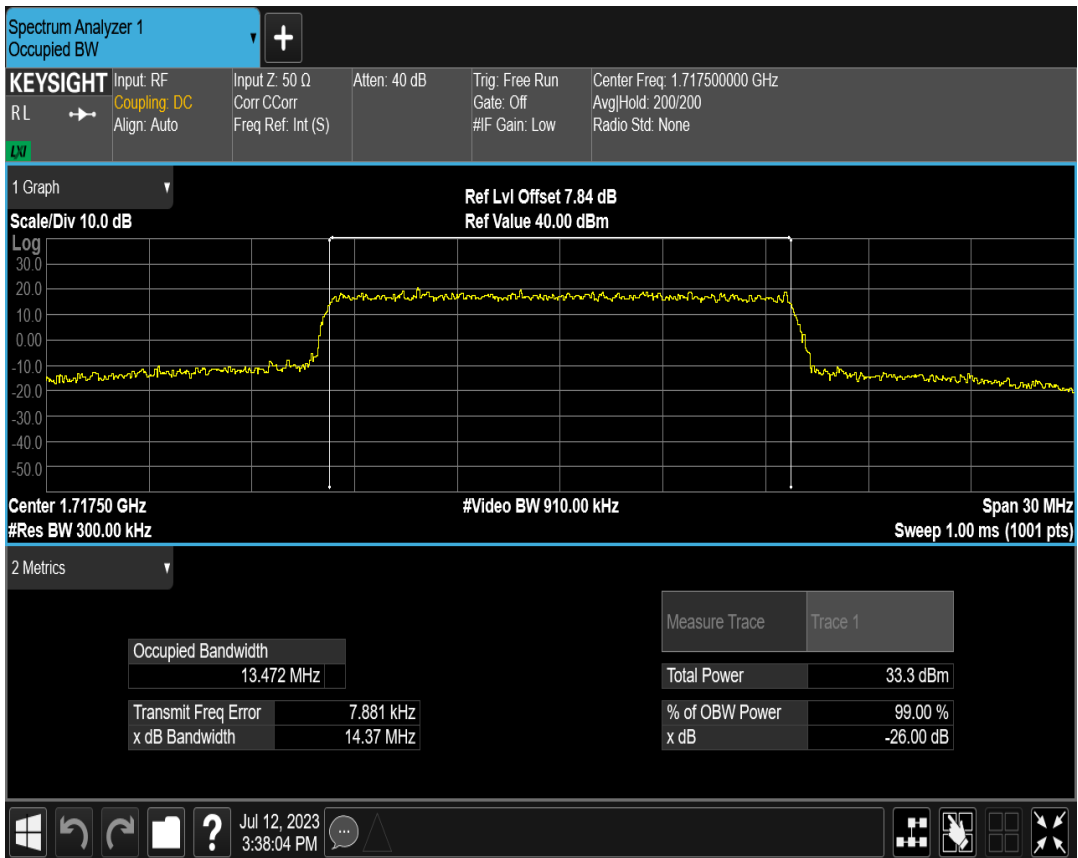


Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0

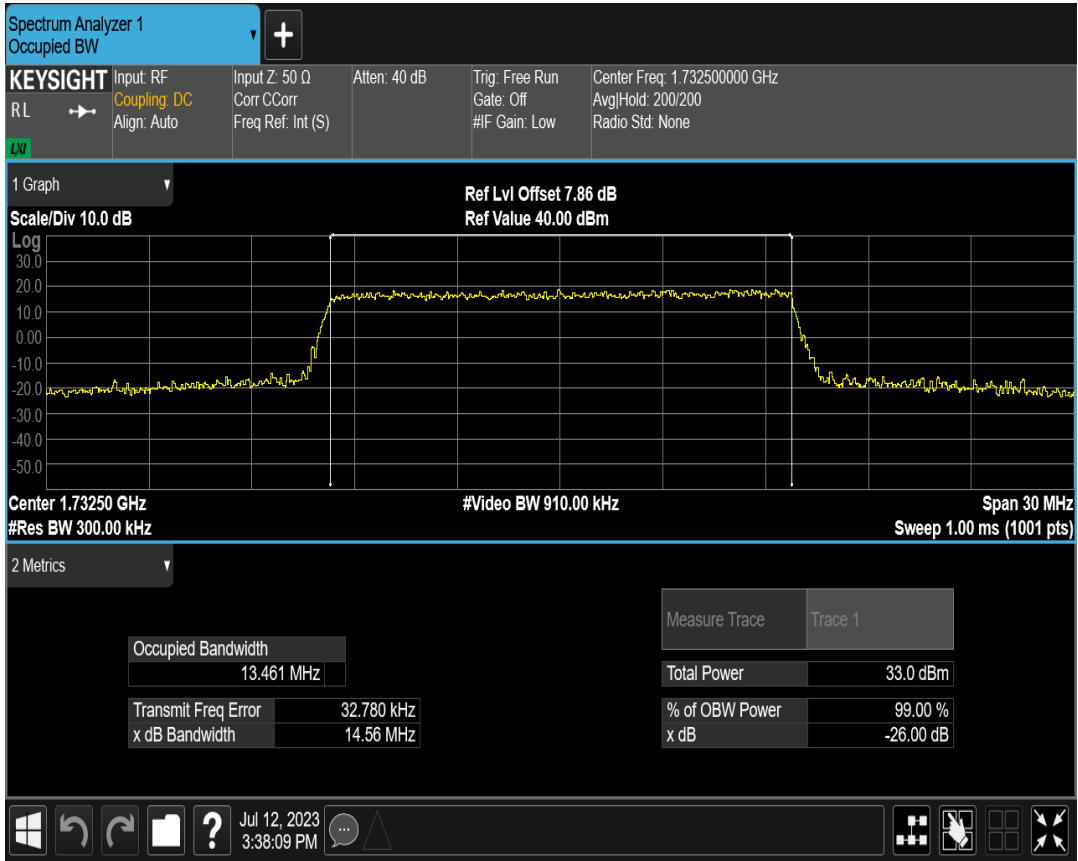




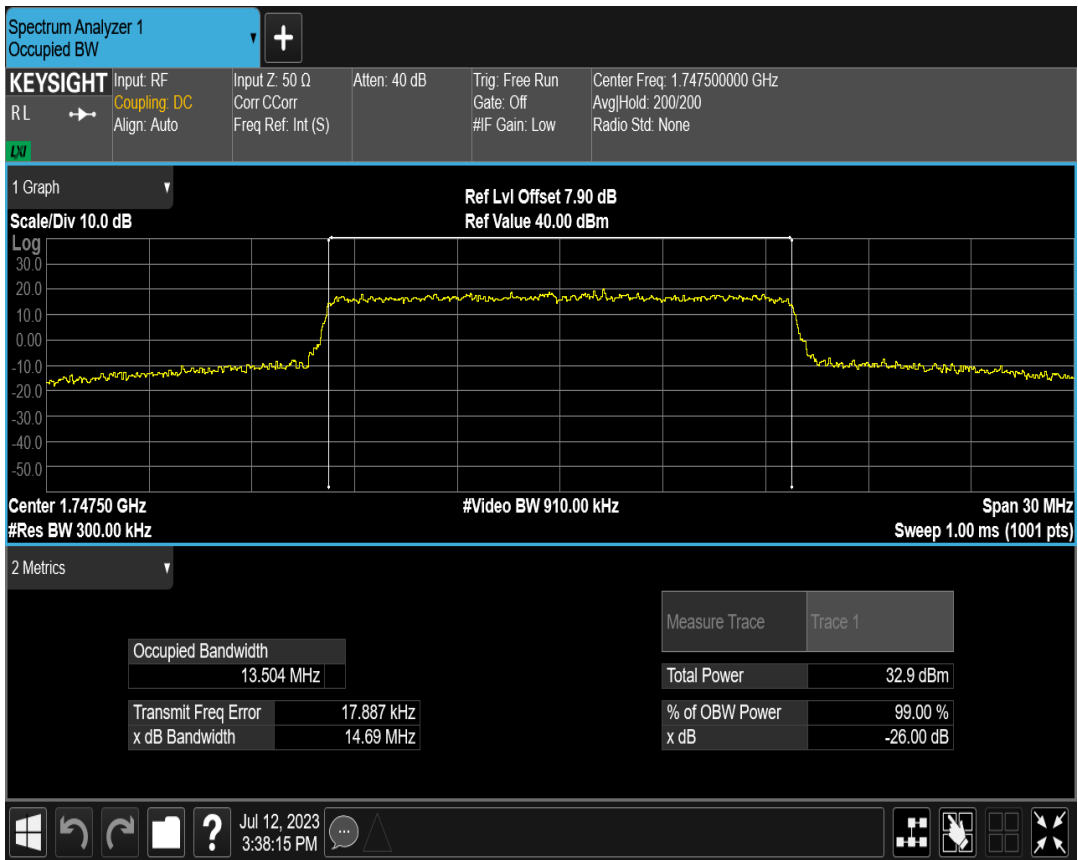
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



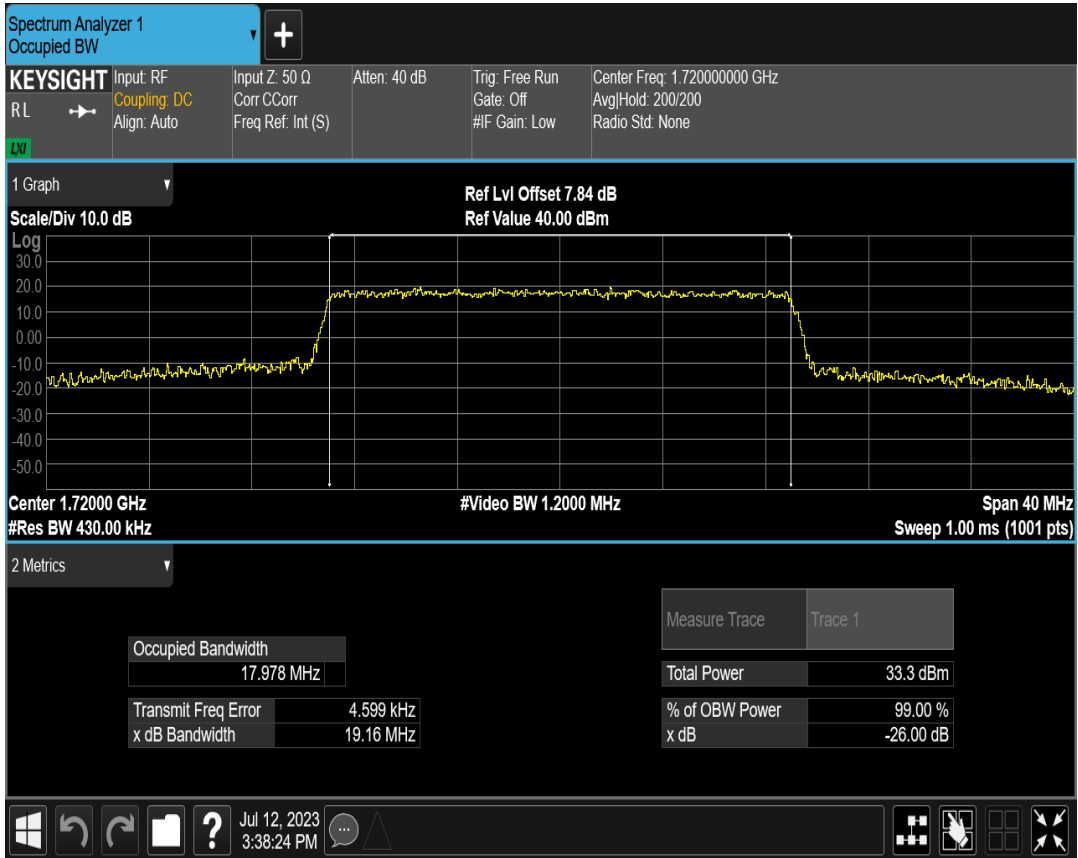
Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0



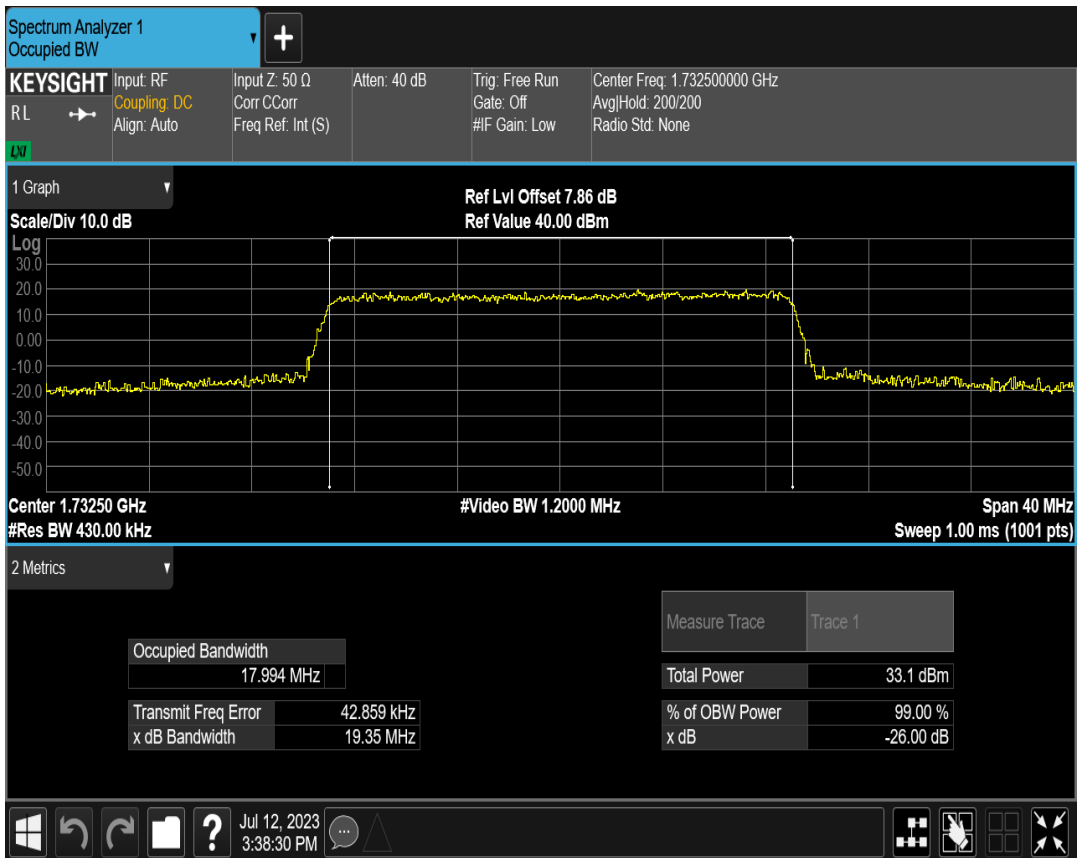
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



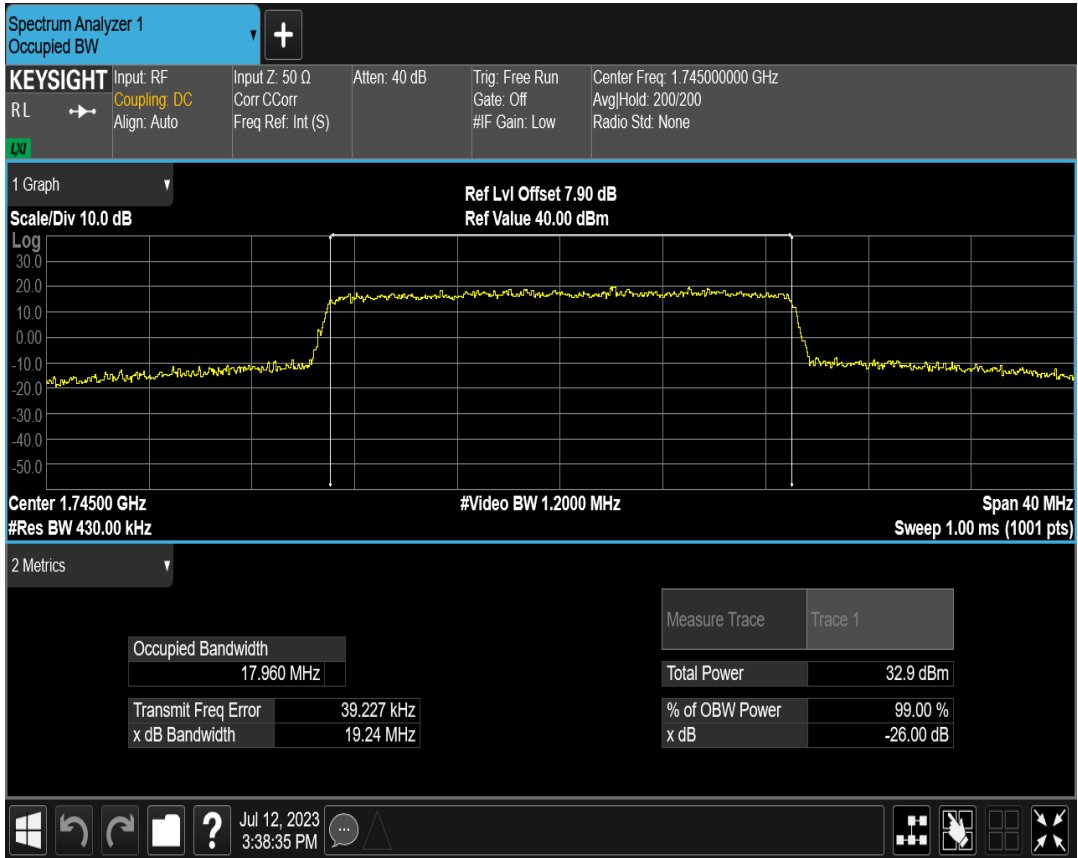
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



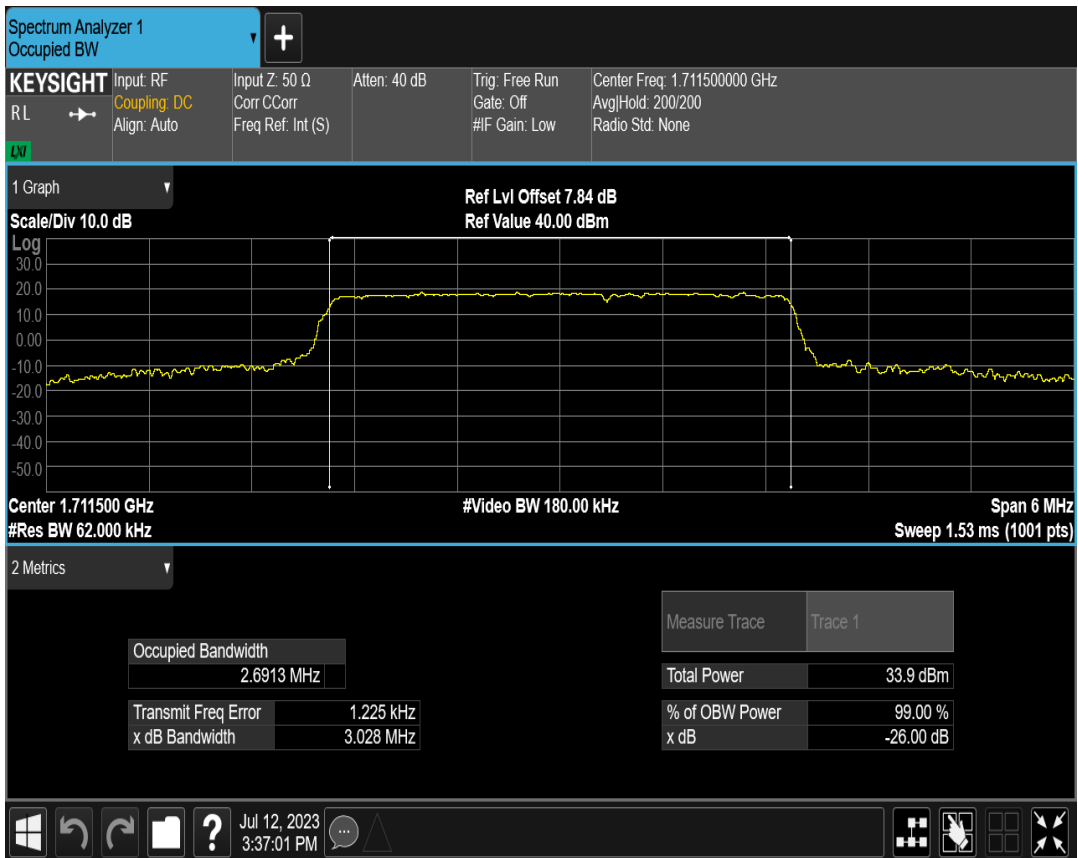
Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0



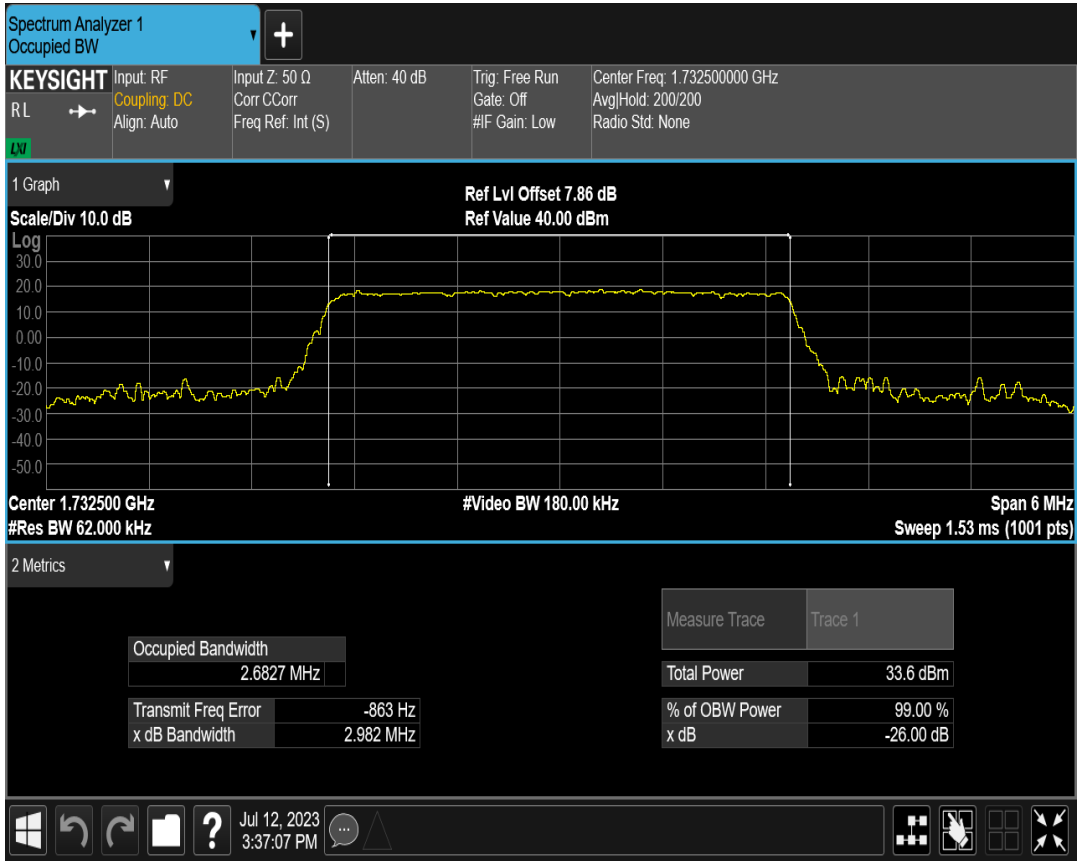
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



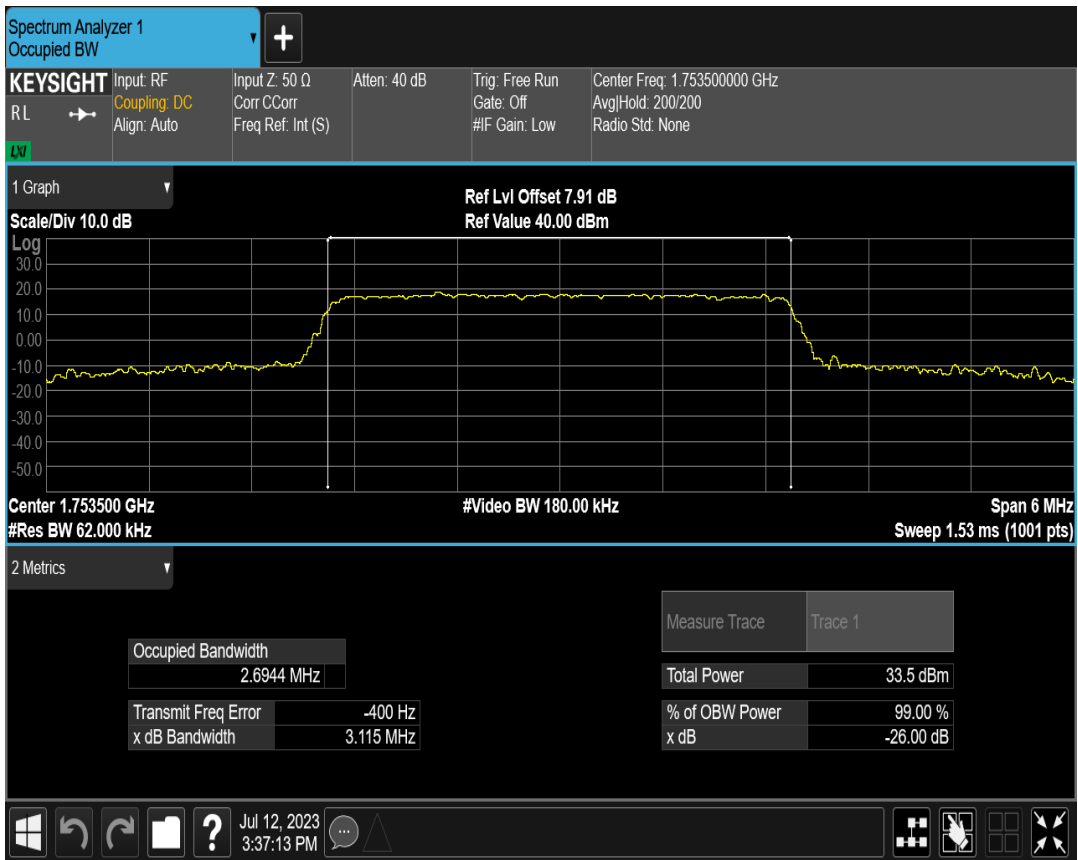
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



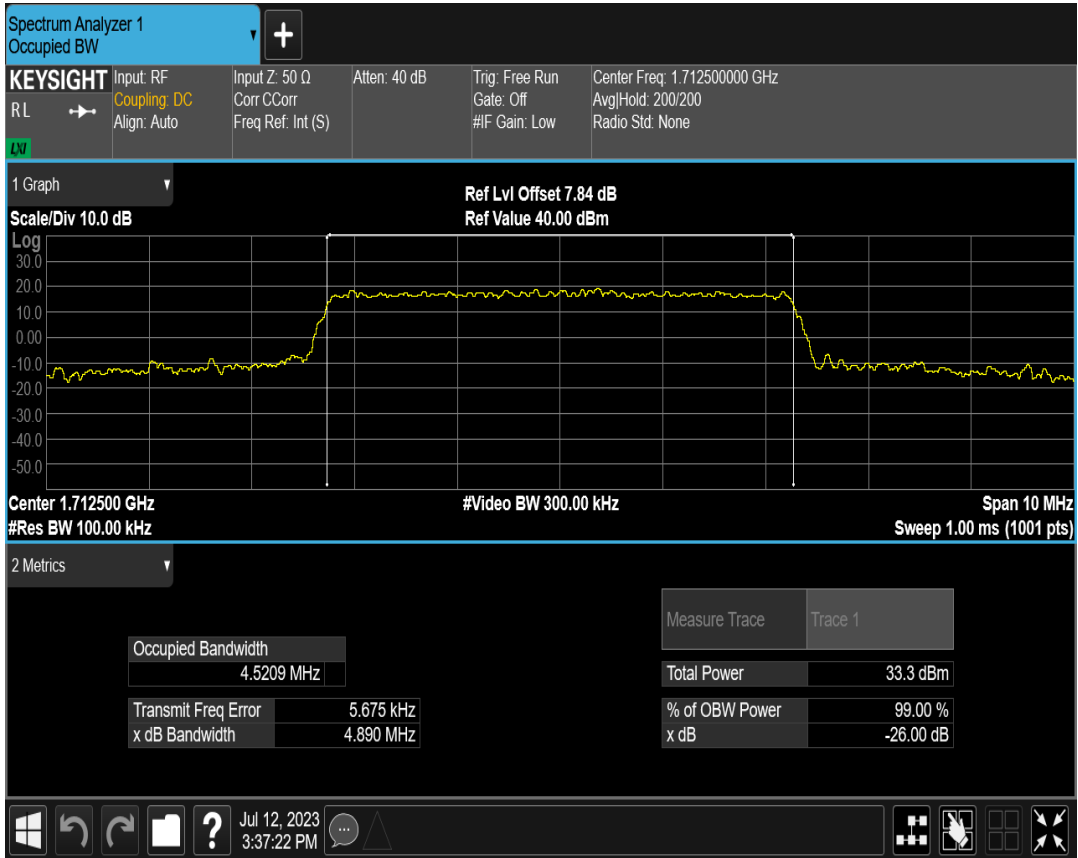
Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



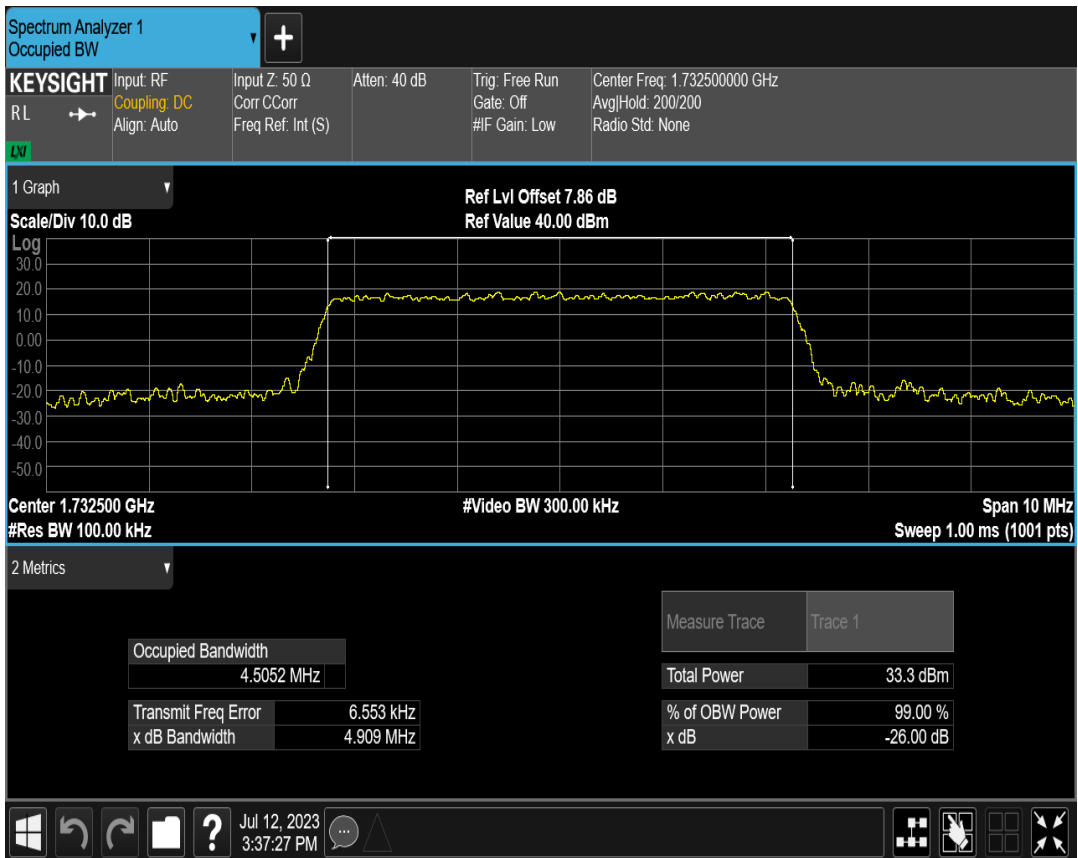
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



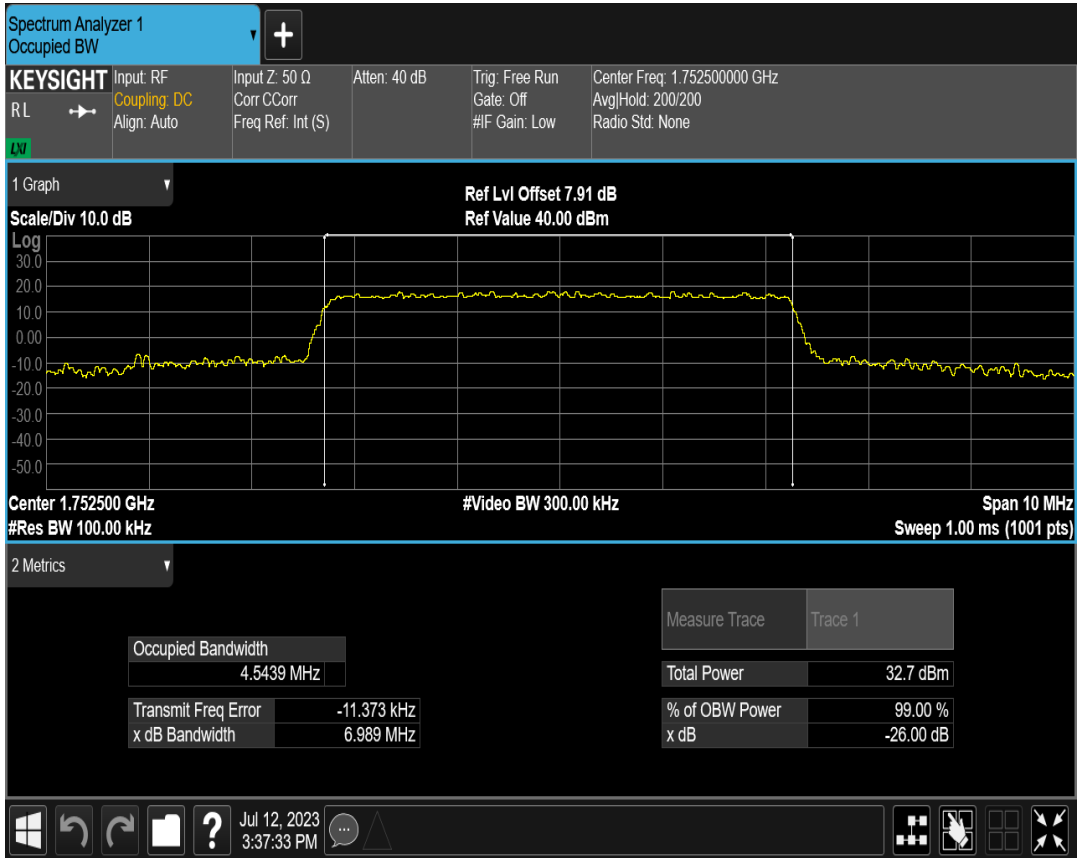
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



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



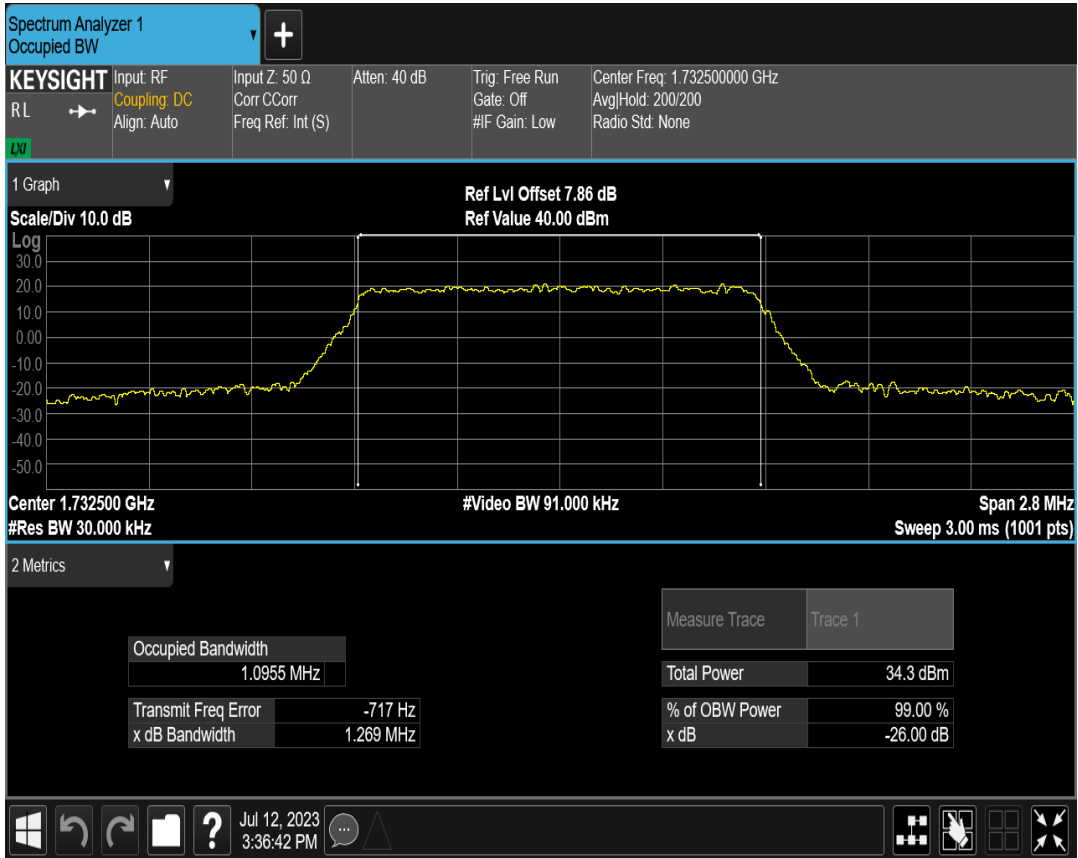
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



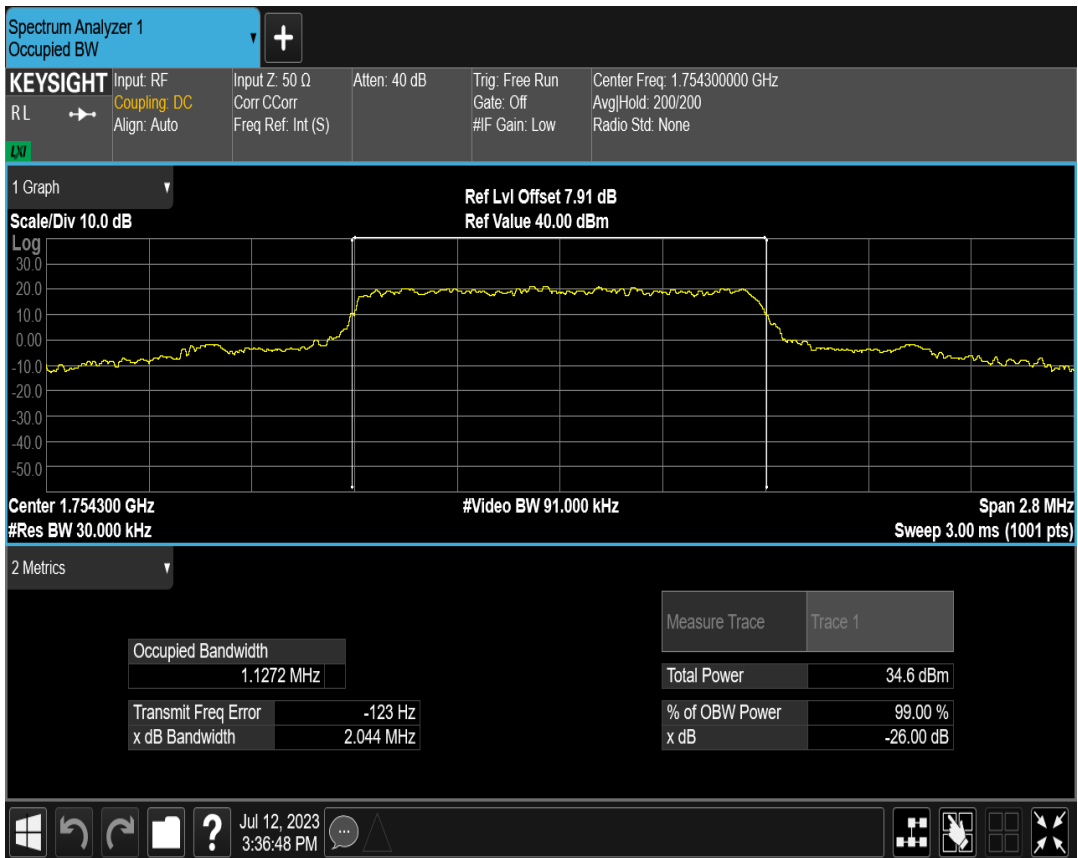
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



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

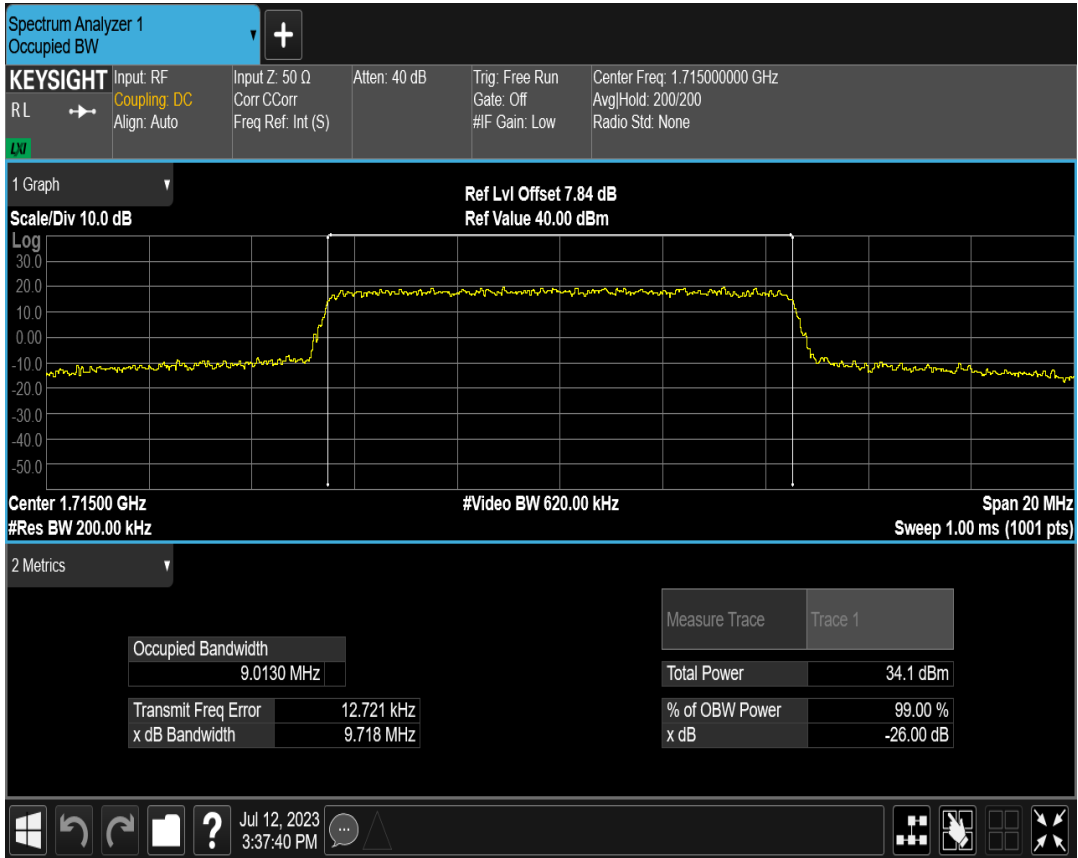


Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0

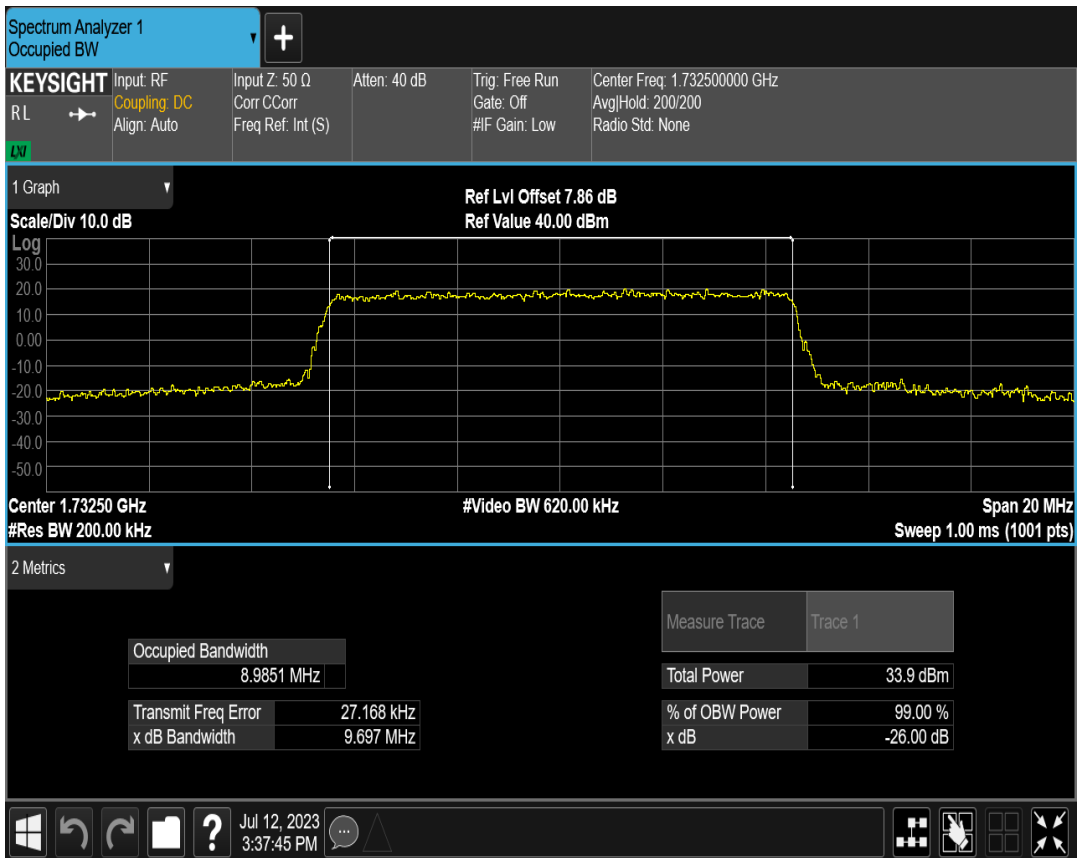


Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0

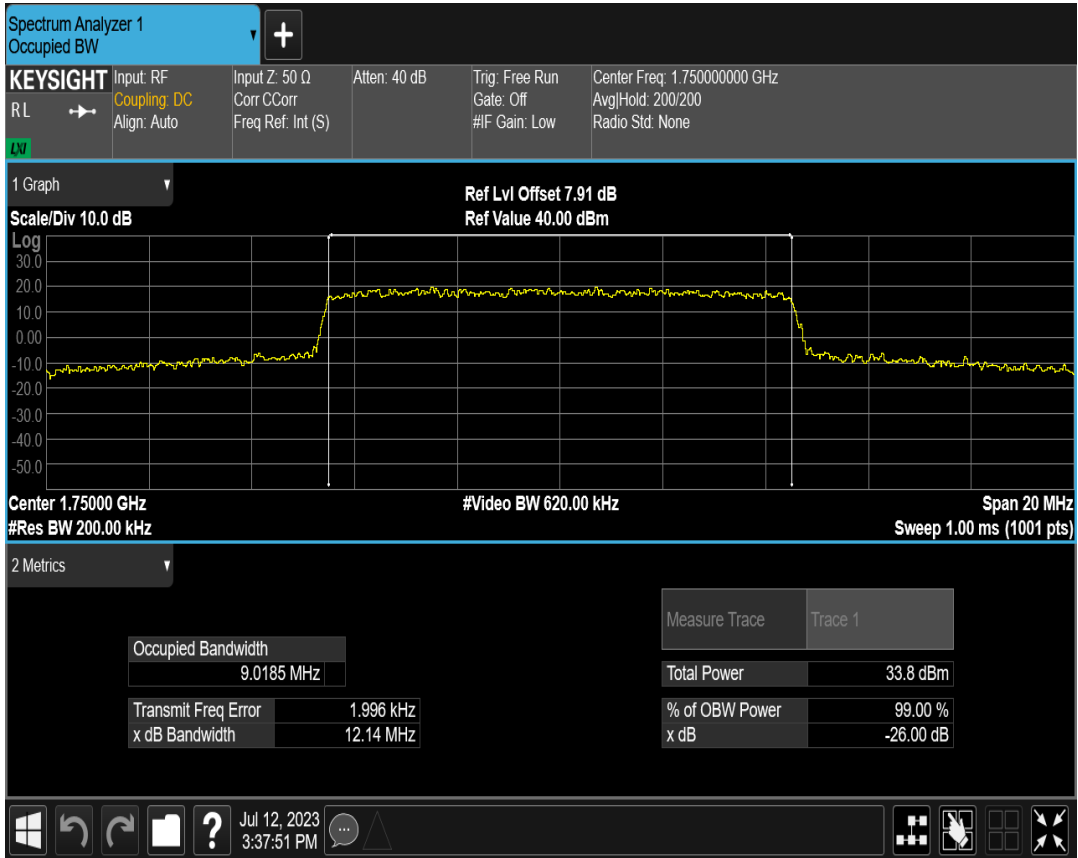




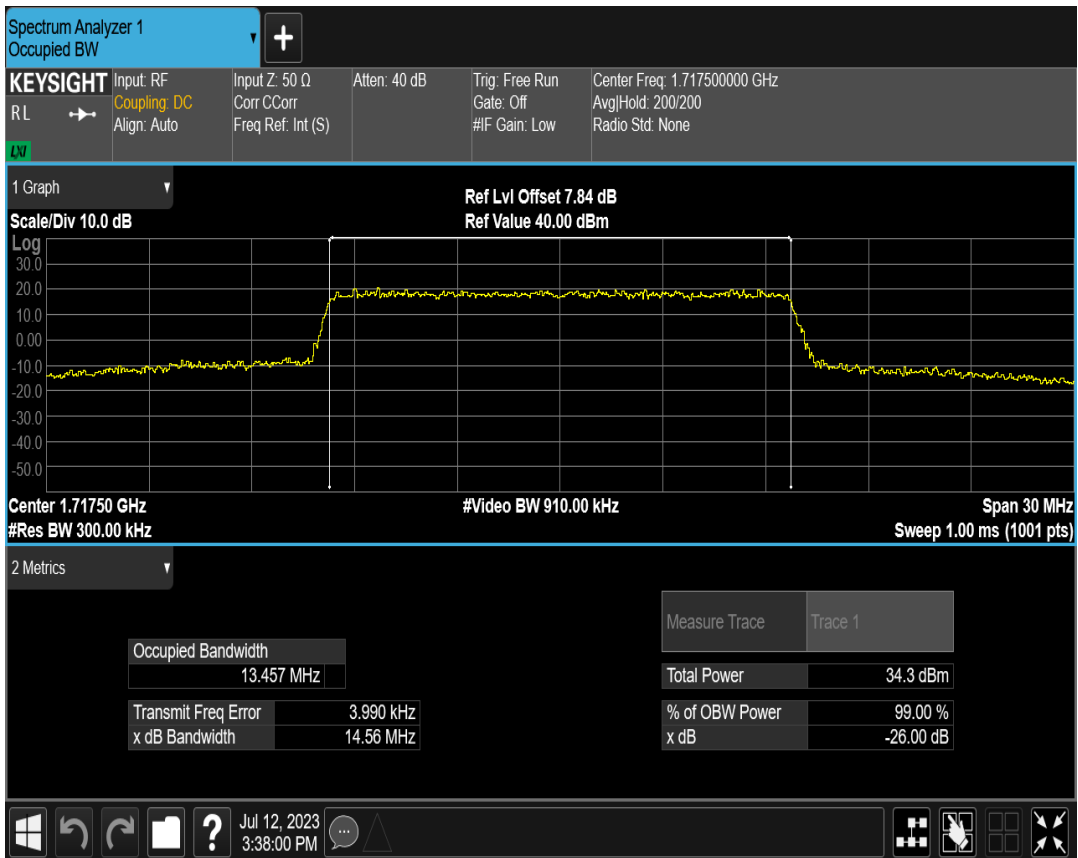
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



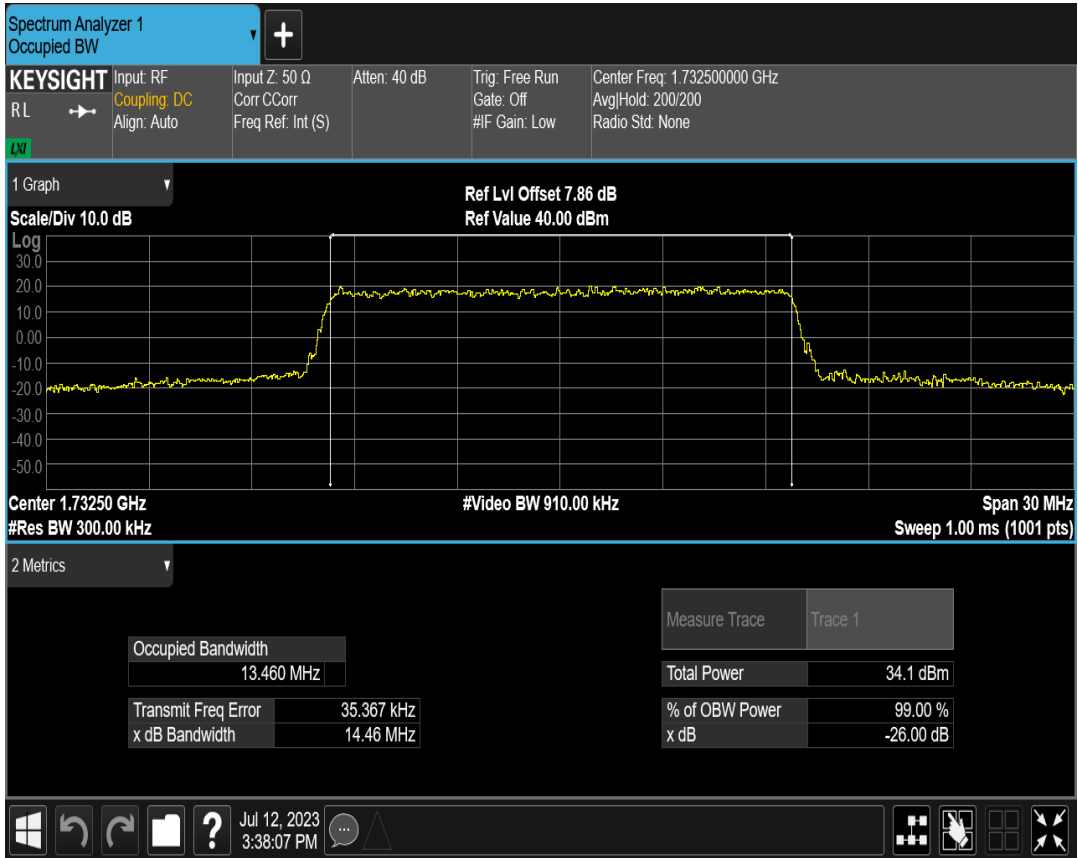
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



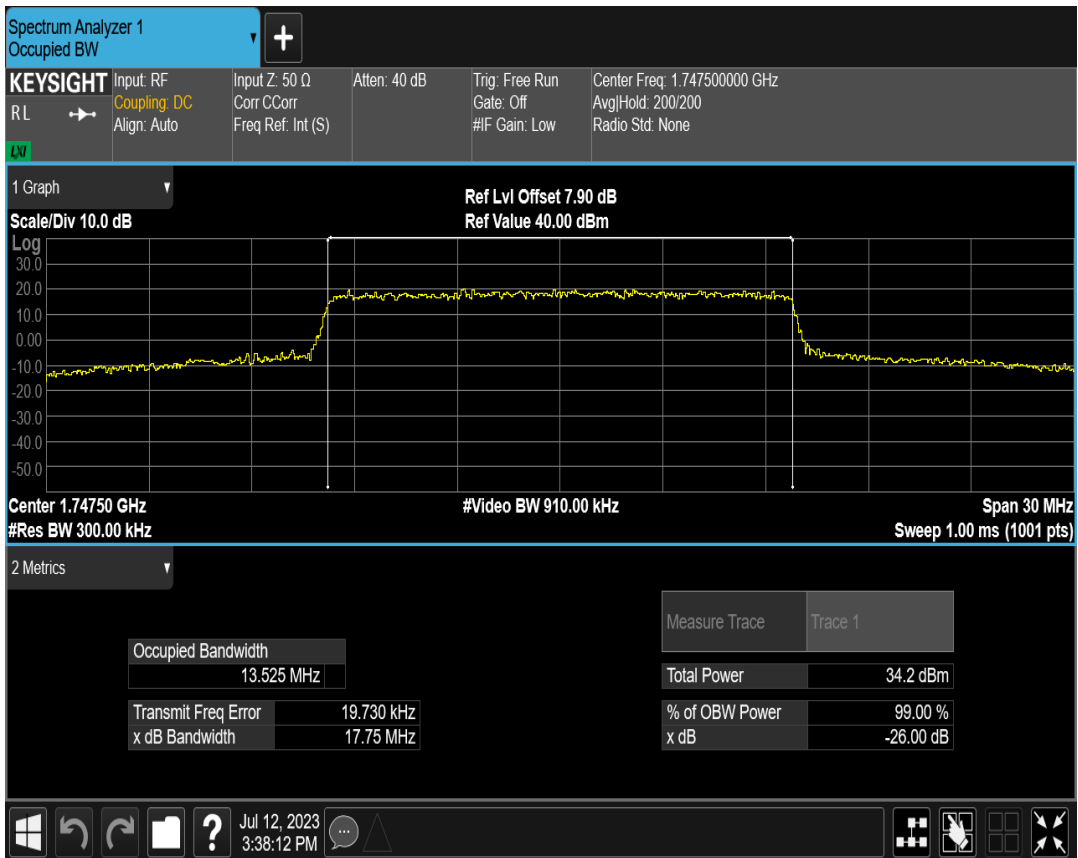
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



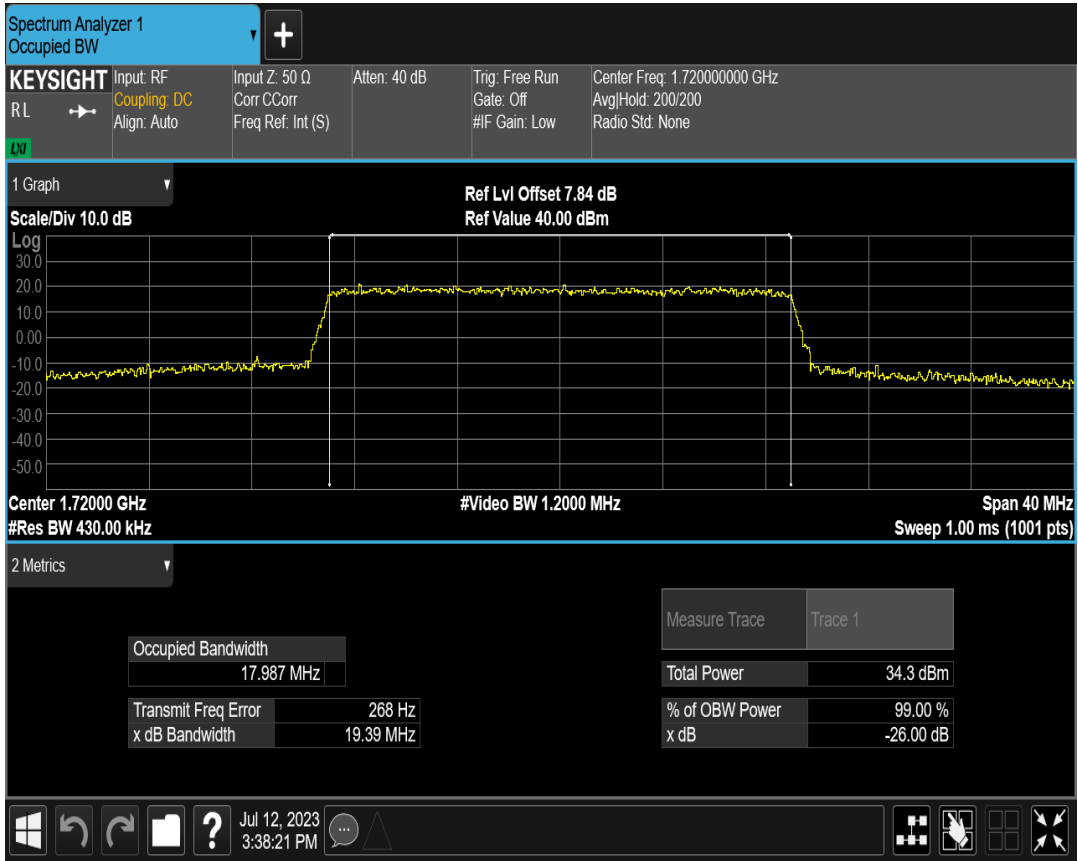
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



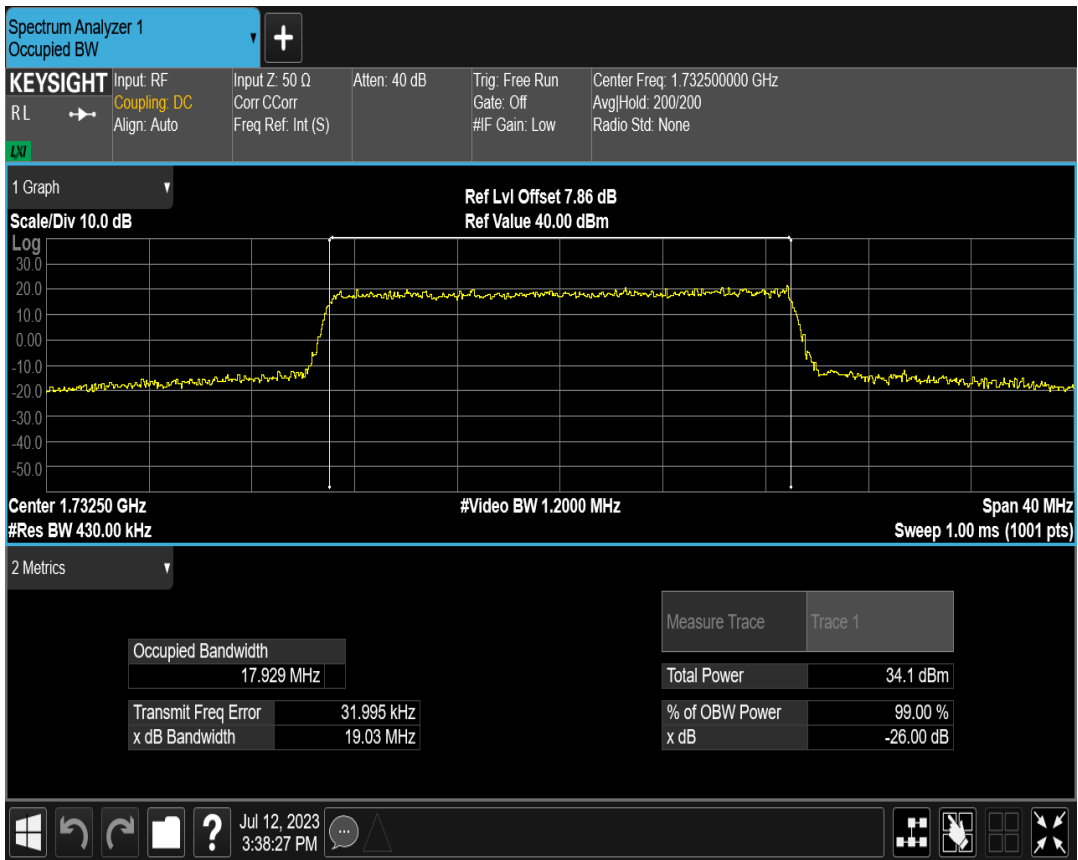
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



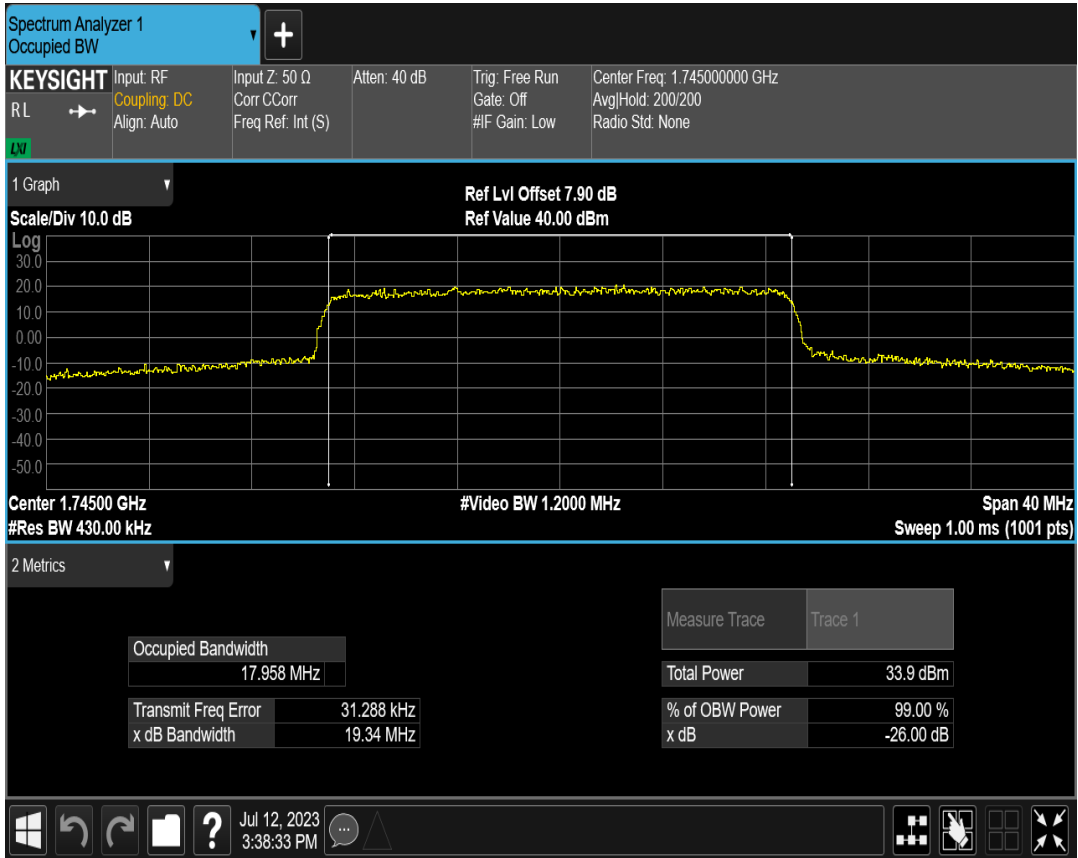
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



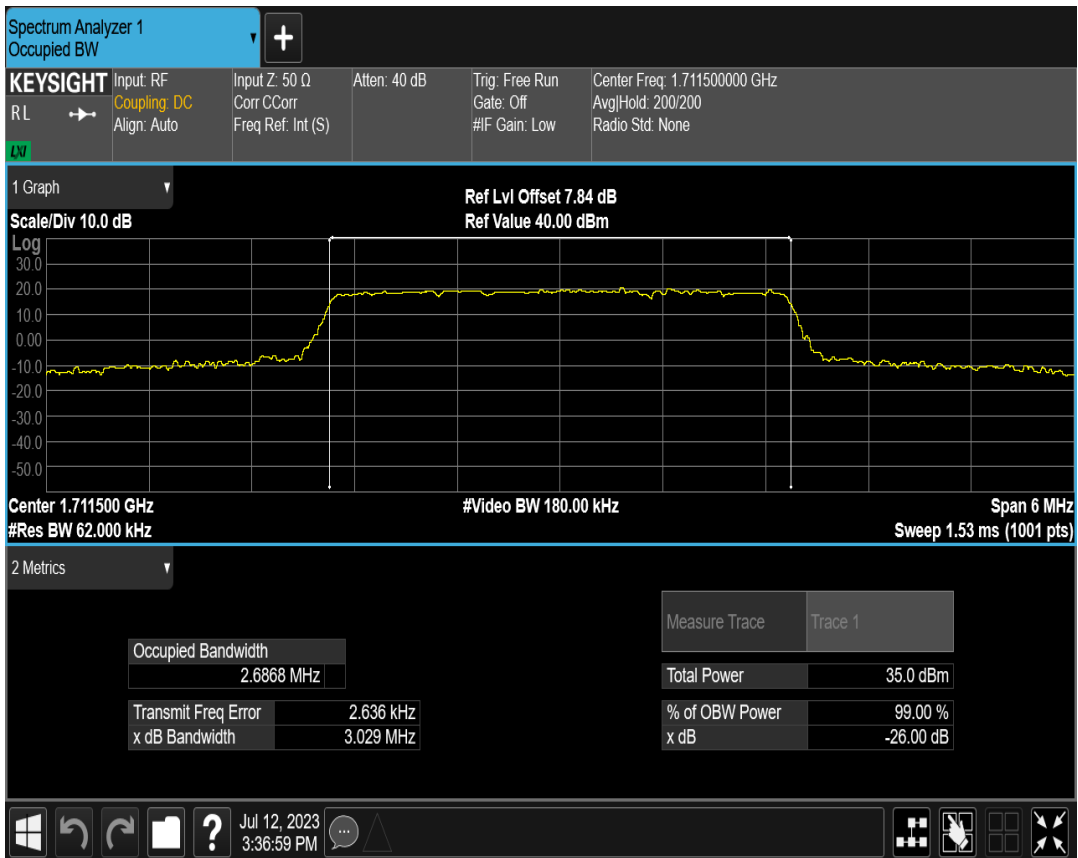
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



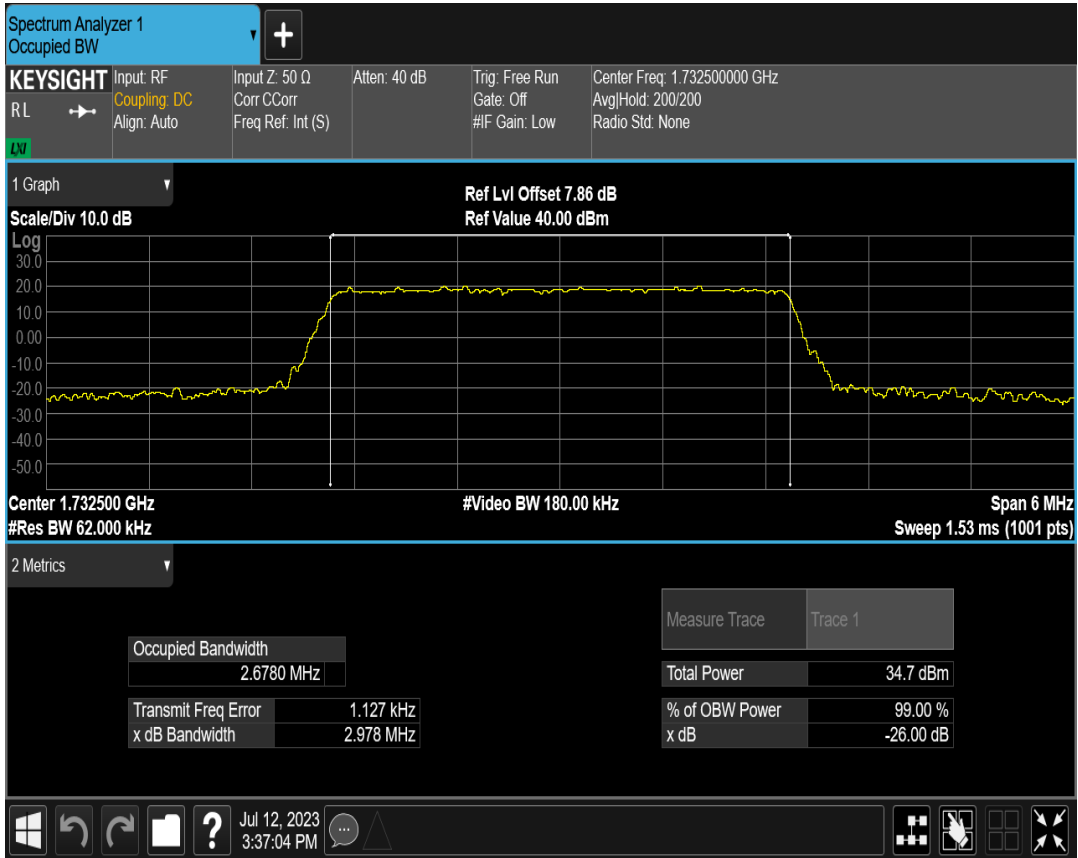
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



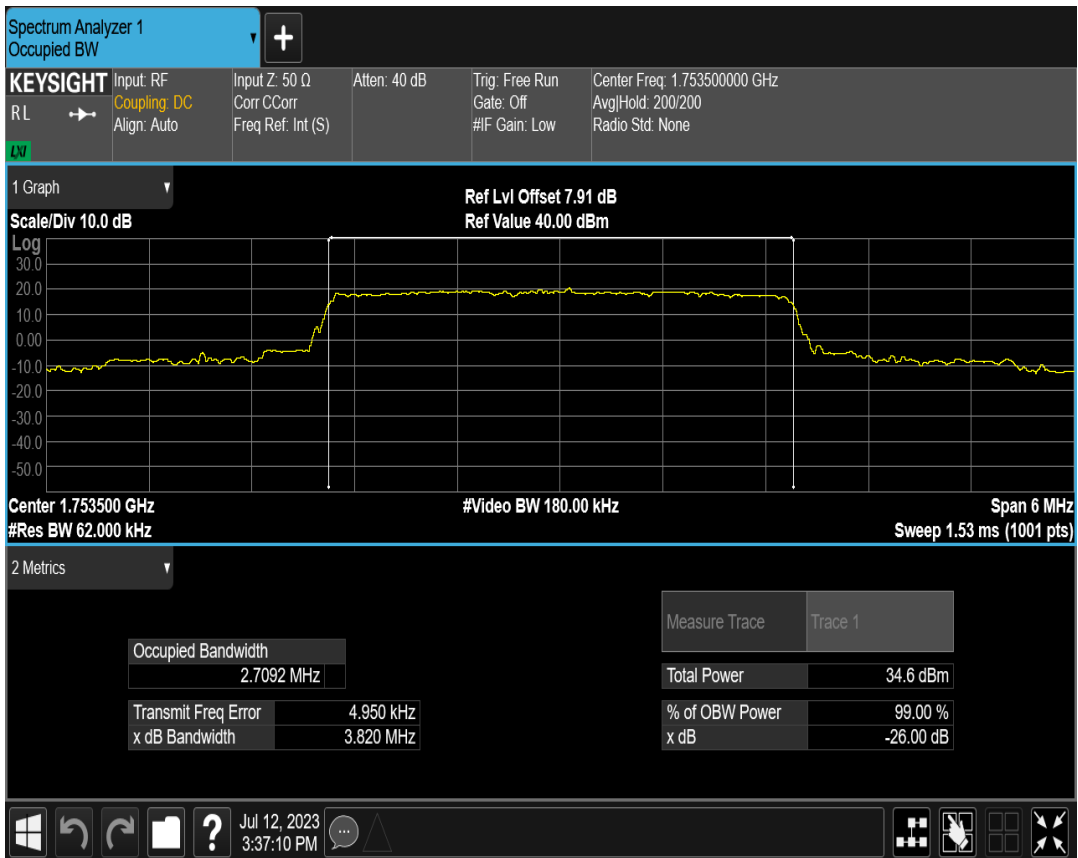
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



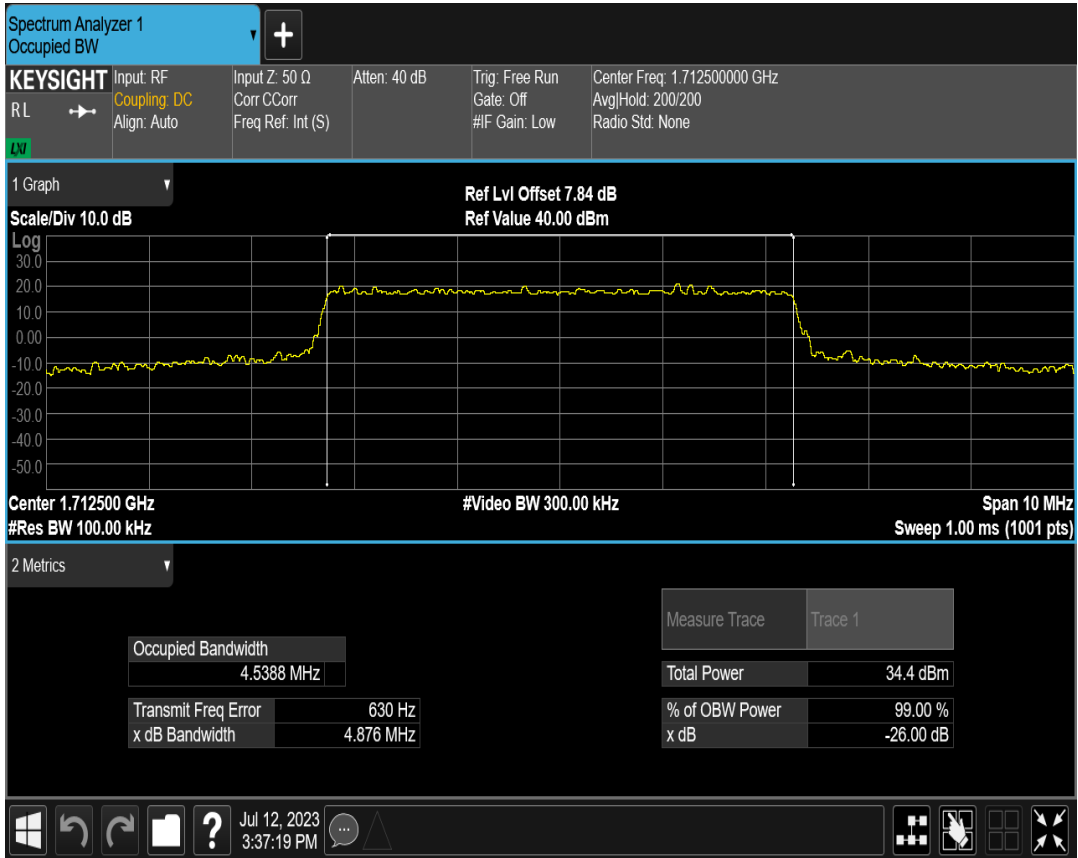
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



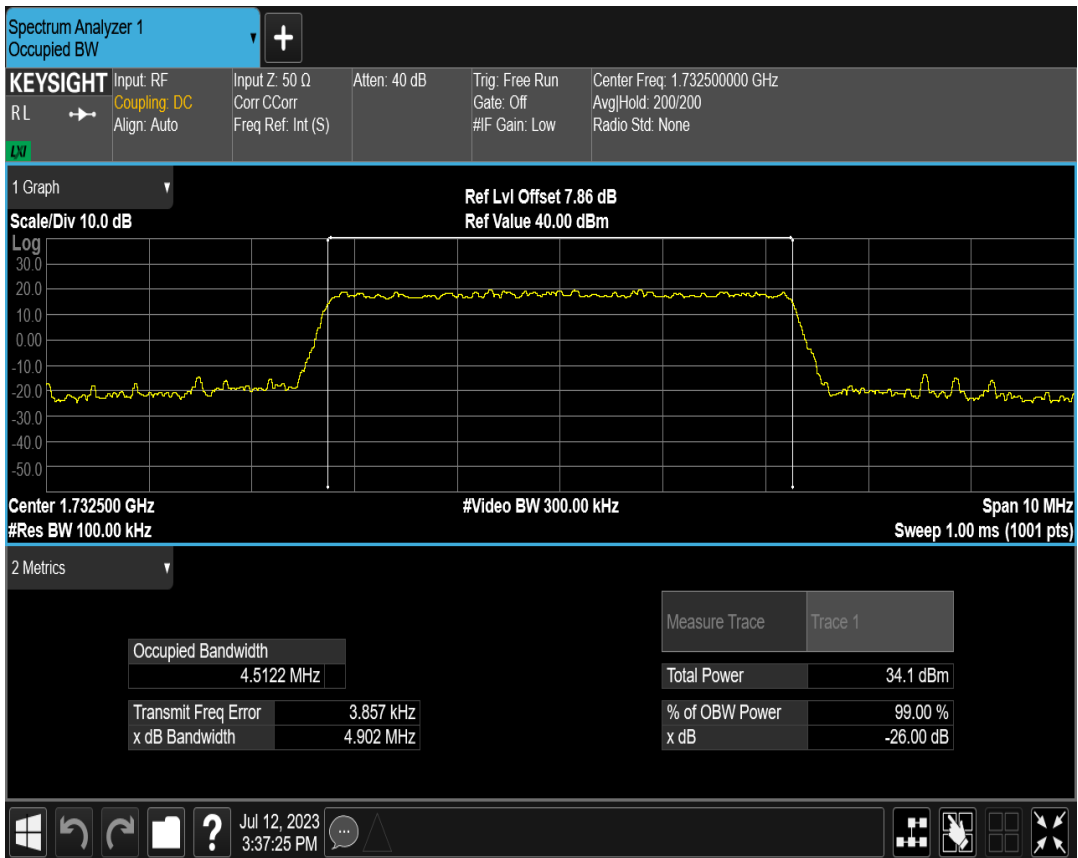
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



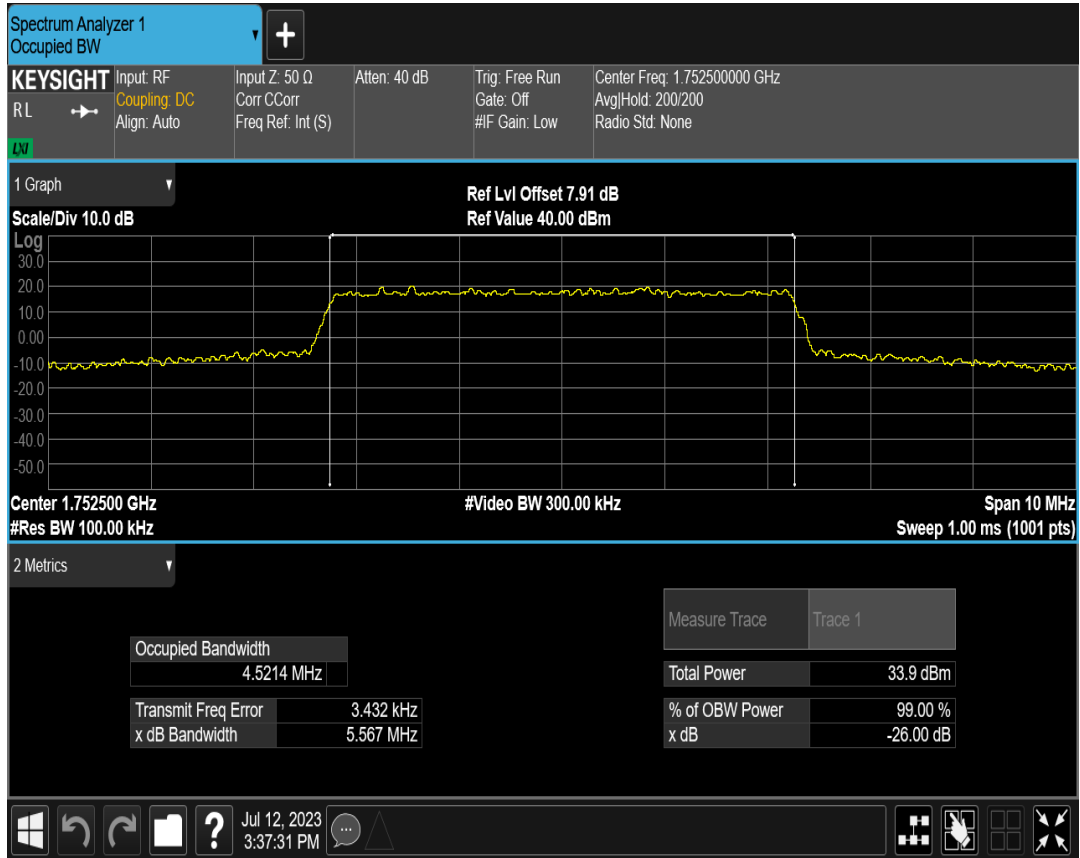
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



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



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



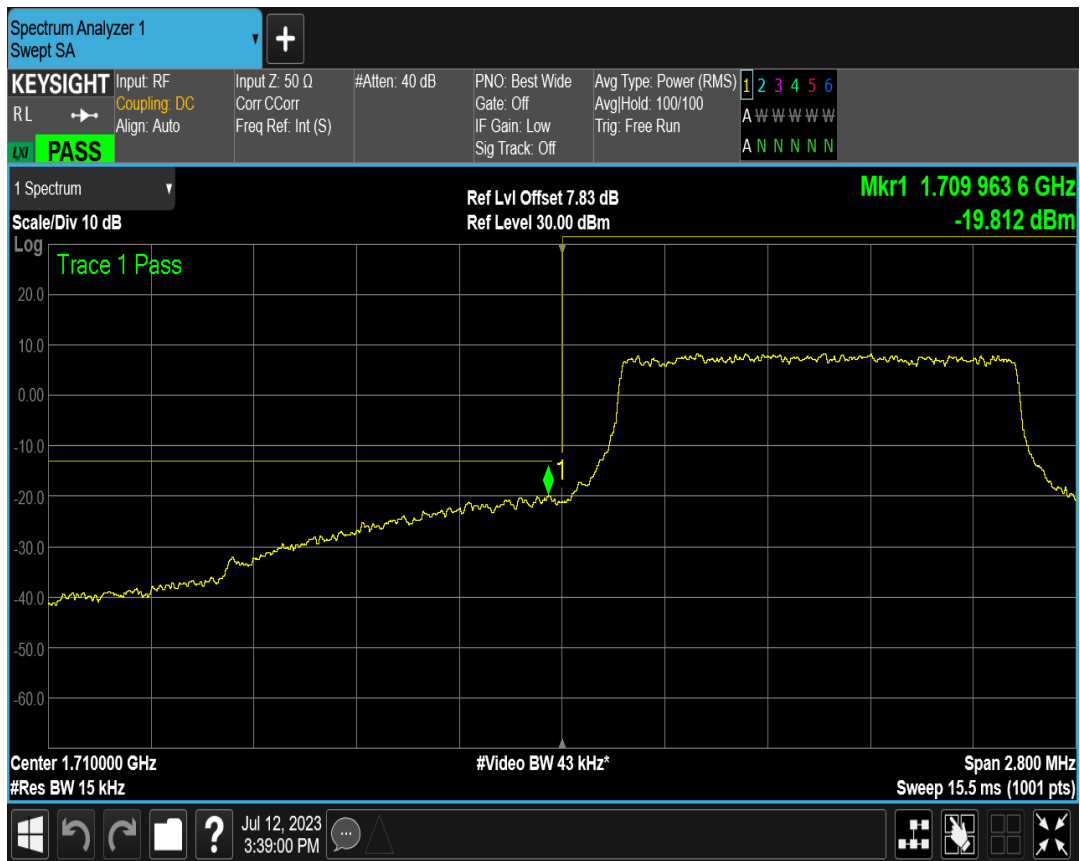
**5 Band edge**

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	1709.76	-16.02	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1709.96	-19.81	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.03	-13.60	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.15	-19.40	-13	PASS
Band4	3	19965	15	#0	QPSK	1709.99	-17.90	-13	PASS
Band4	3	19965	15	#0	QAM16	1710.00	-20.89	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.02	-16.04	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.02	-20.41	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-18.69	-13	PASS
Band4	5	19975	25	#0	QAM16	1709.97	-22.09	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.03	-16.98	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.11	-20.83	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.84	-20.78	-13	PASS
Band4	10	20000	50	#0	QAM16	1709.82	-23.54	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.44	-18.22	-13	PASS
Band4	10	20350	50	#0	QAM16	1755.00	-20.51	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.25	-17.99	-13	PASS
Band4	15	20025	75	#0	QAM16	1709.22	-22.40	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.87	-15.32	-13	PASS
Band4	15	20325	75	#0	QAM16	1756.17	-19.89	-13	PASS

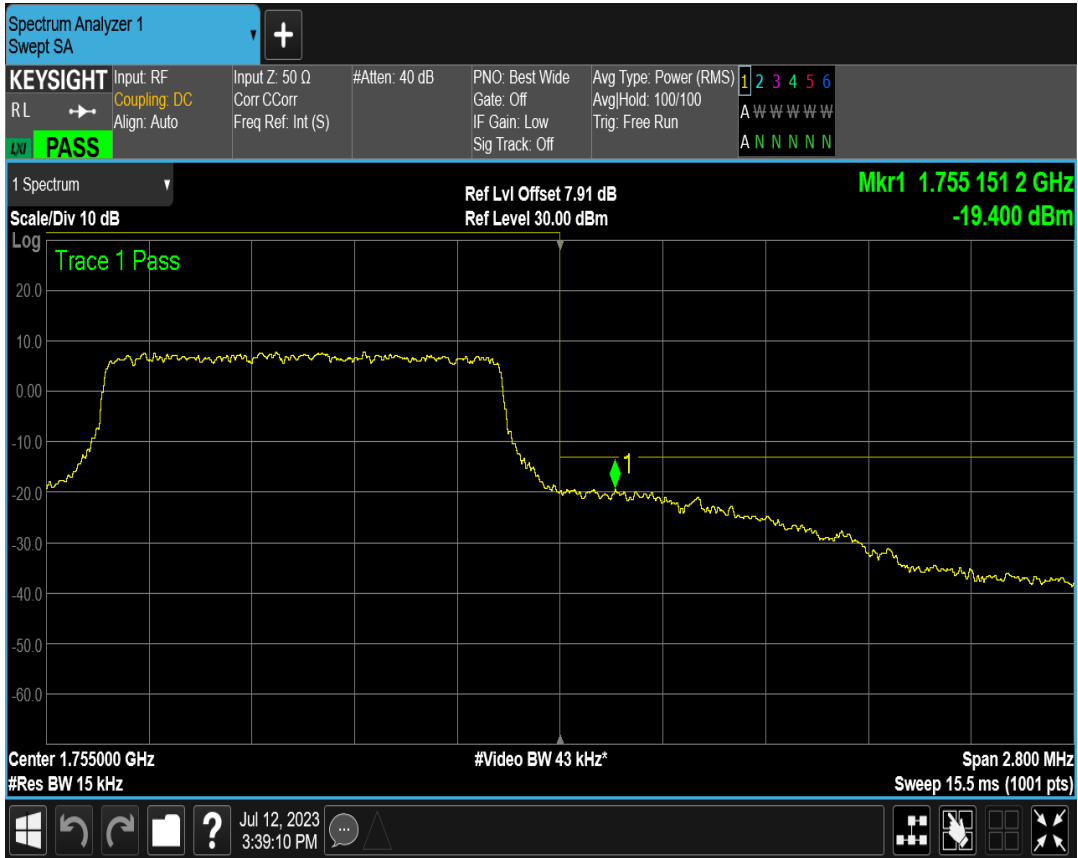


Band4	20	20050	100	#0	QPSK	1709.92	-22.27	-13	PASS
Band4	20	20050	100	#0	QAM16	1710.00	-24.46	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.16	-18.69	-13	PASS
Band4	20	20300	100	#0	QAM16	1755.36	-22.27	-13	PASS

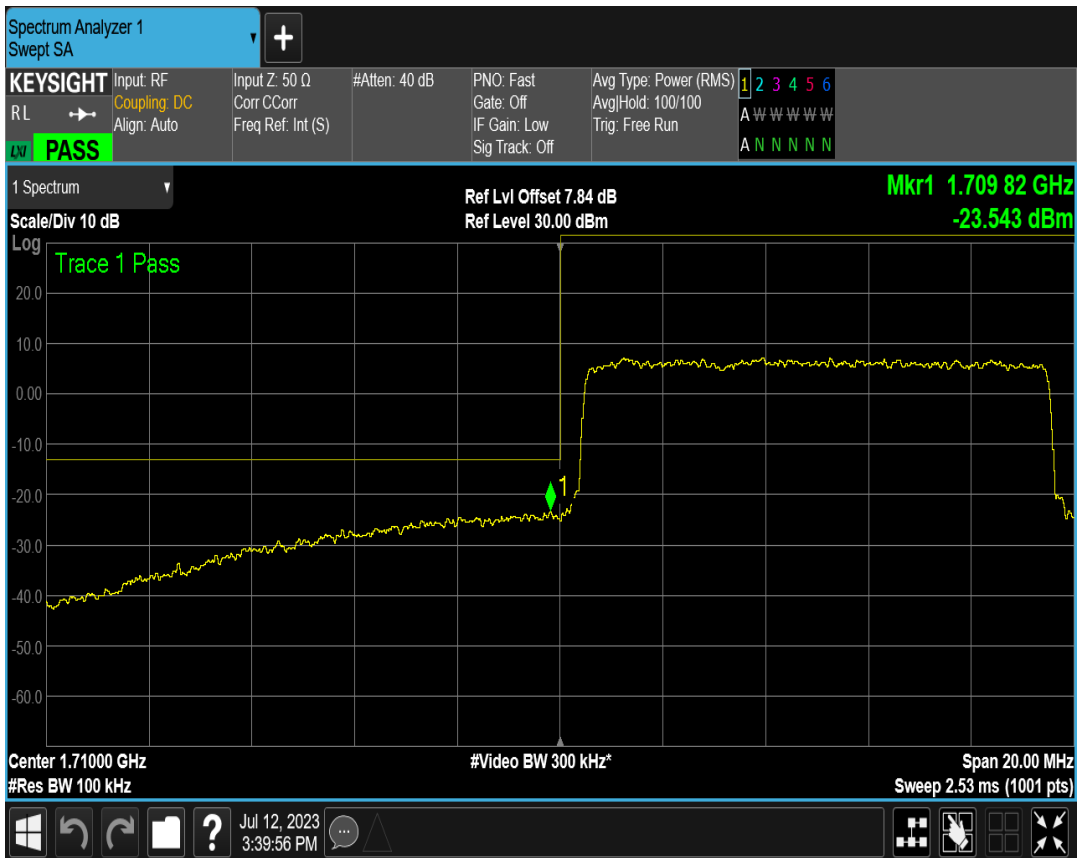
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



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



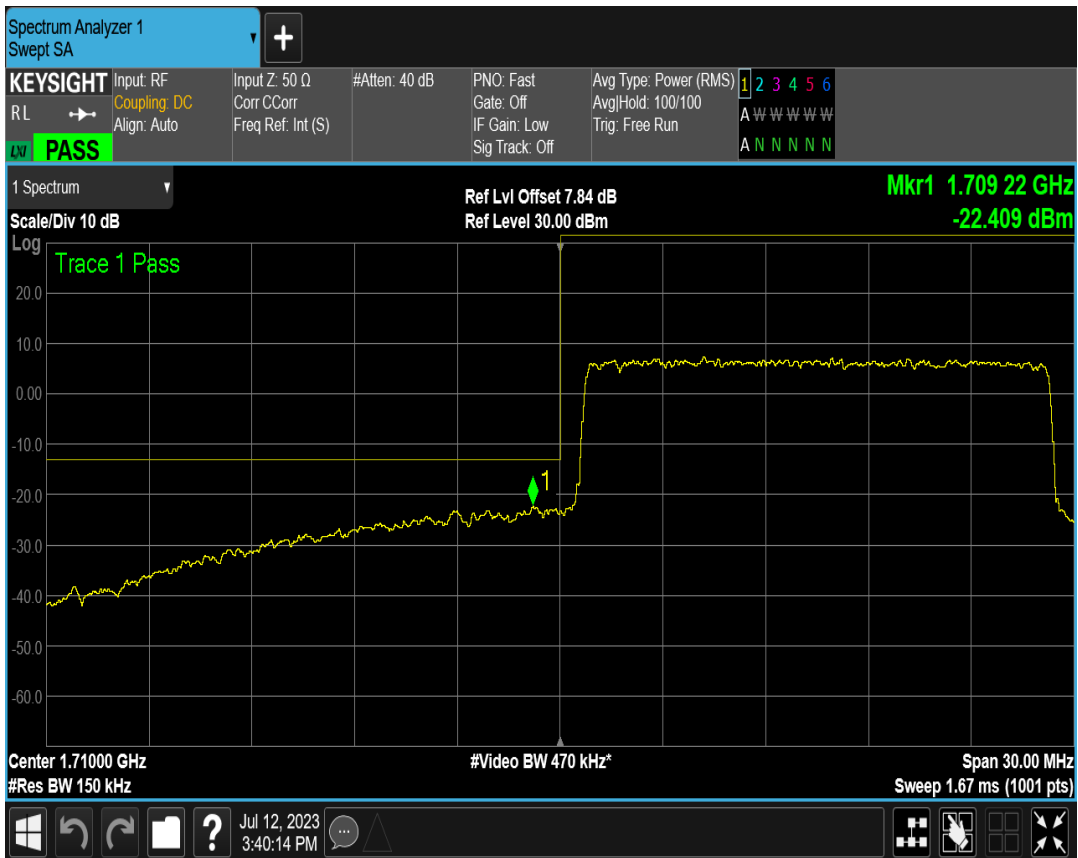
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



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



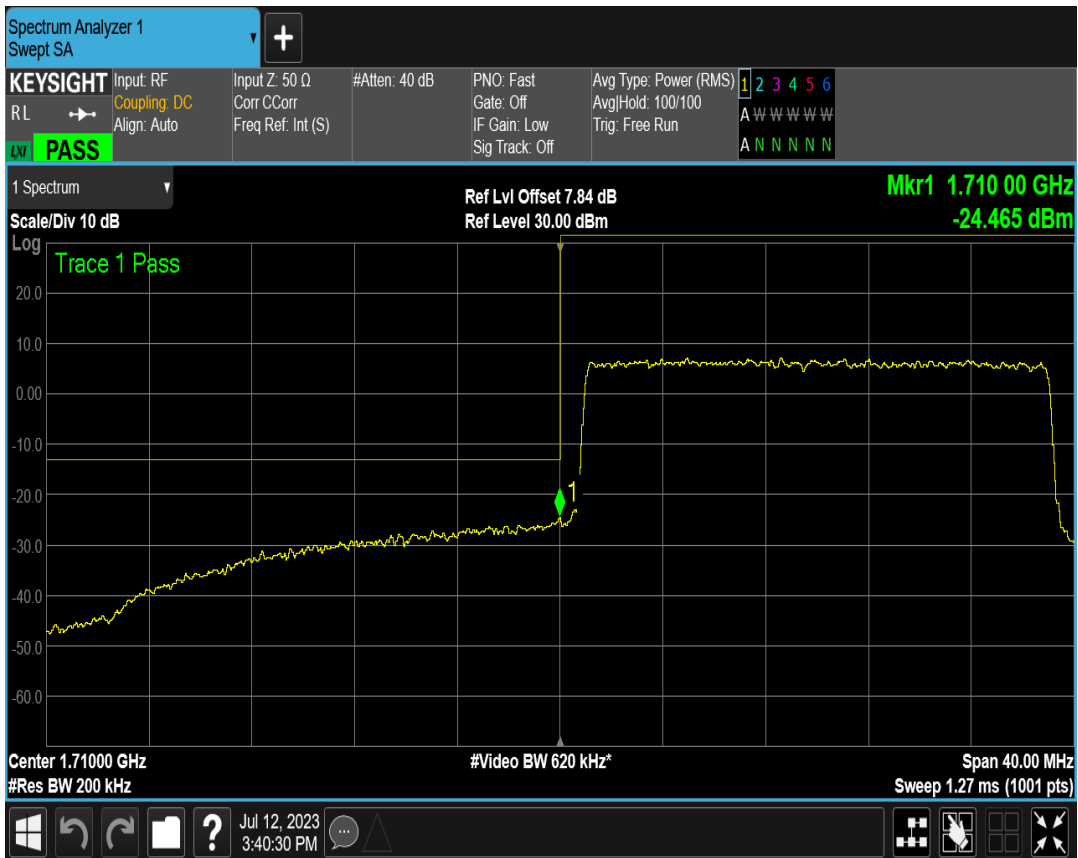
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



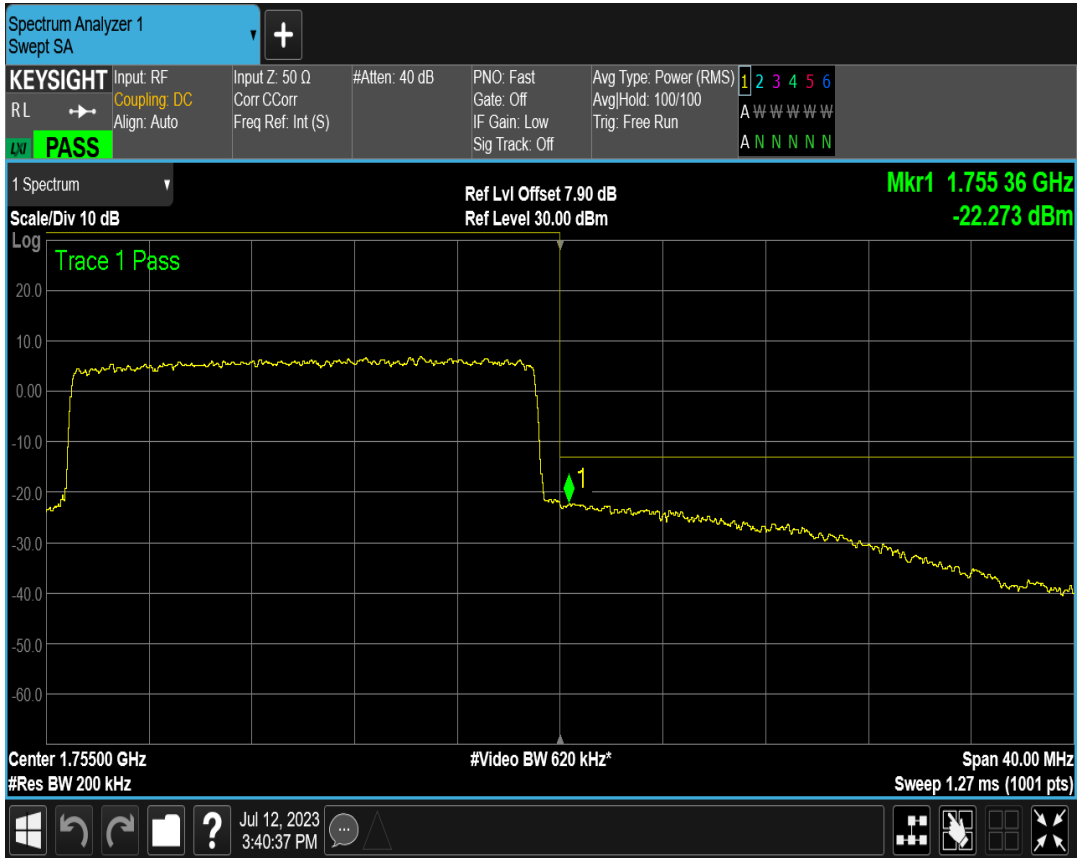
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



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



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



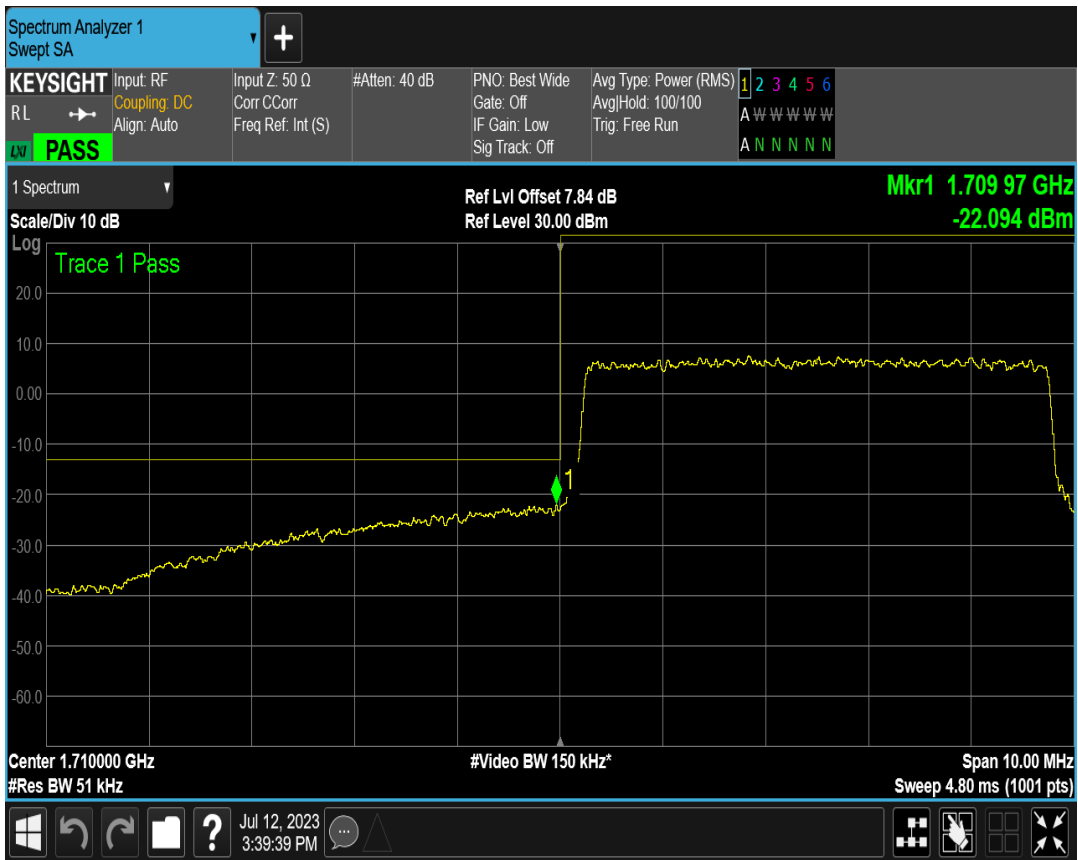
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



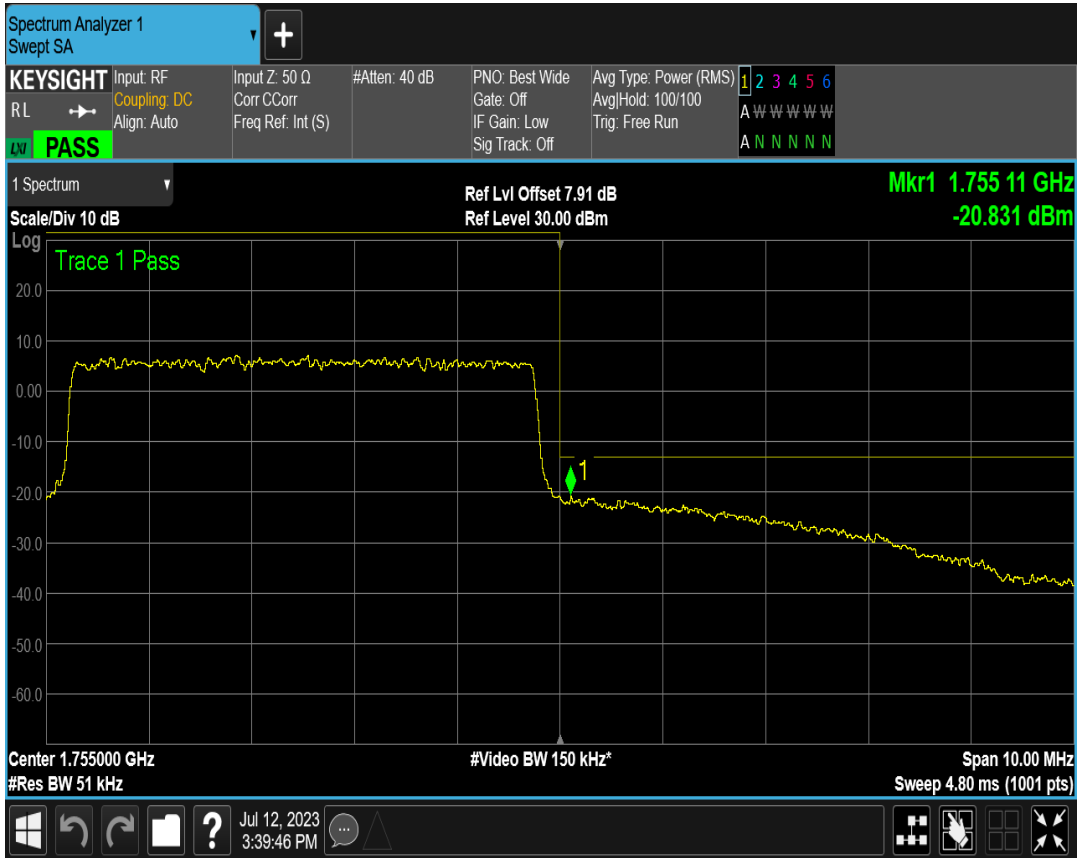
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



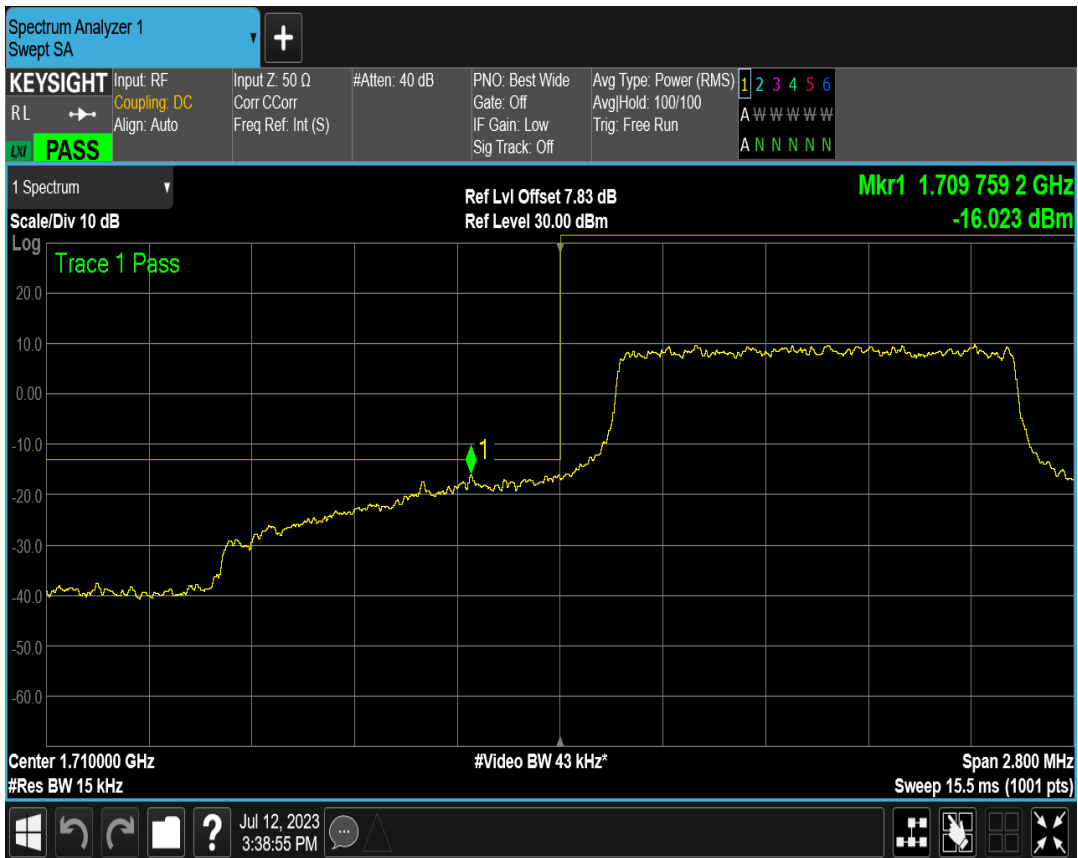
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



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



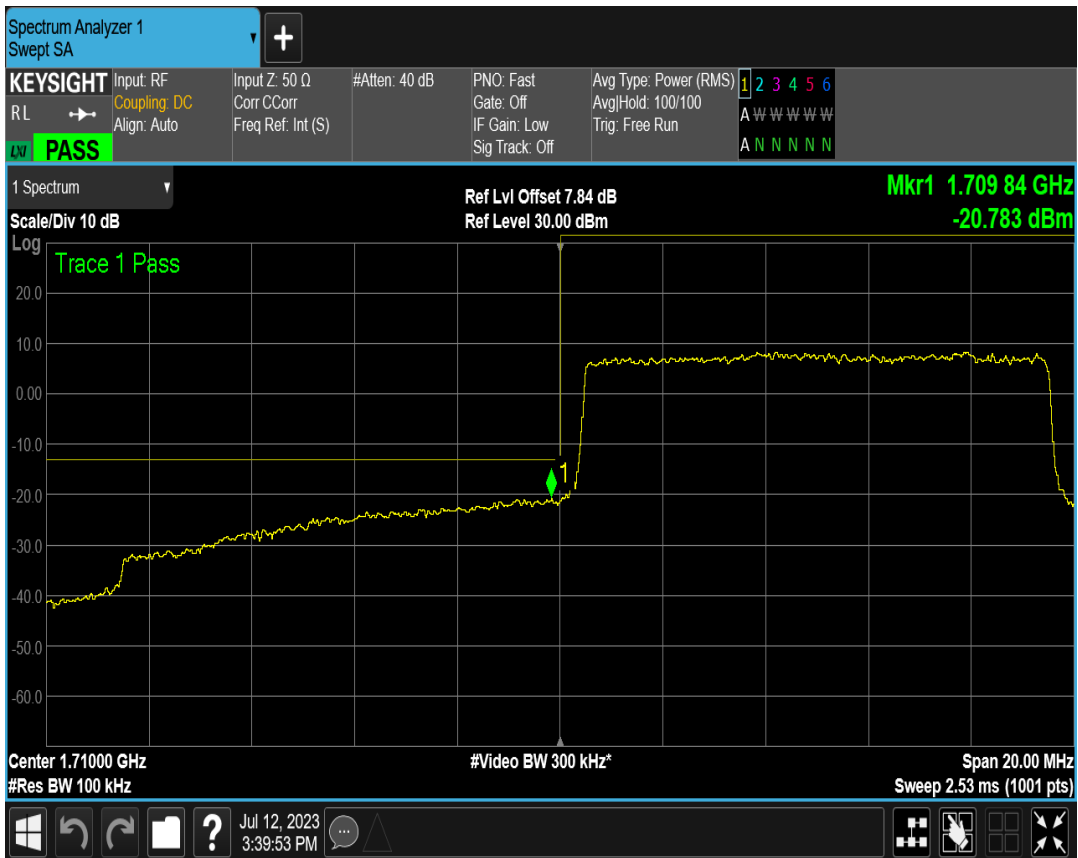
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



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



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

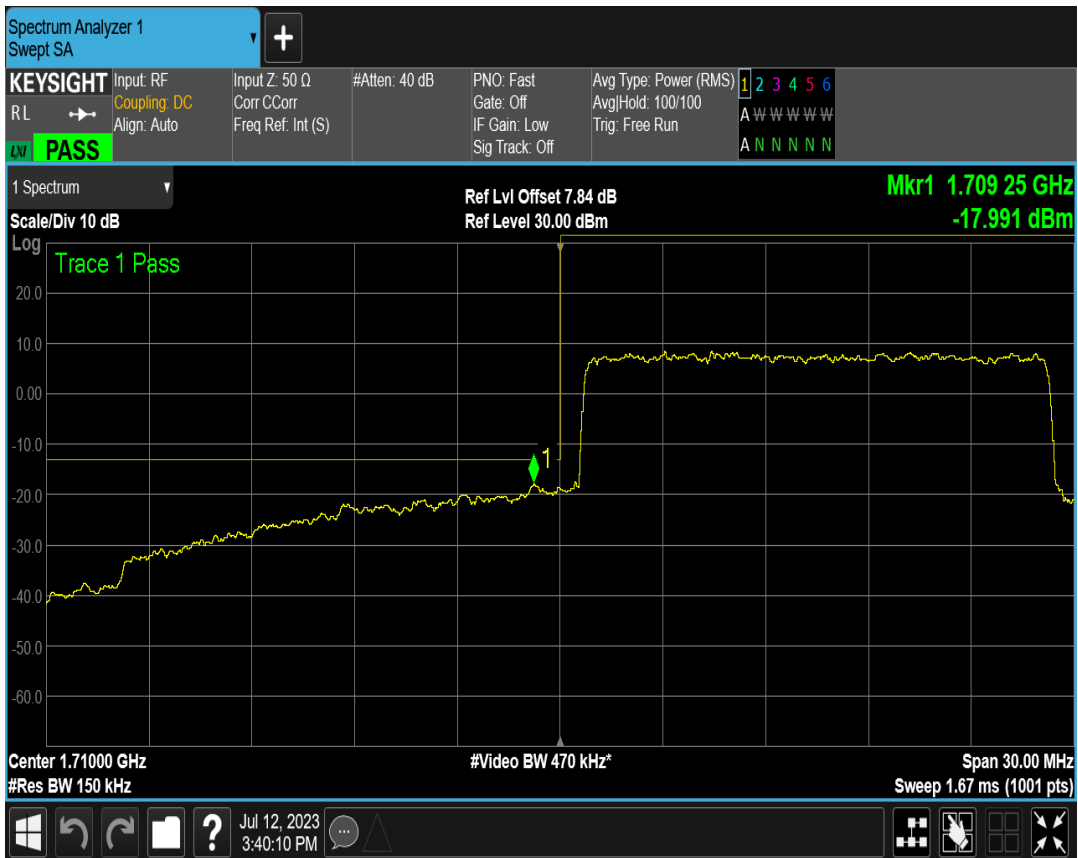


Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0





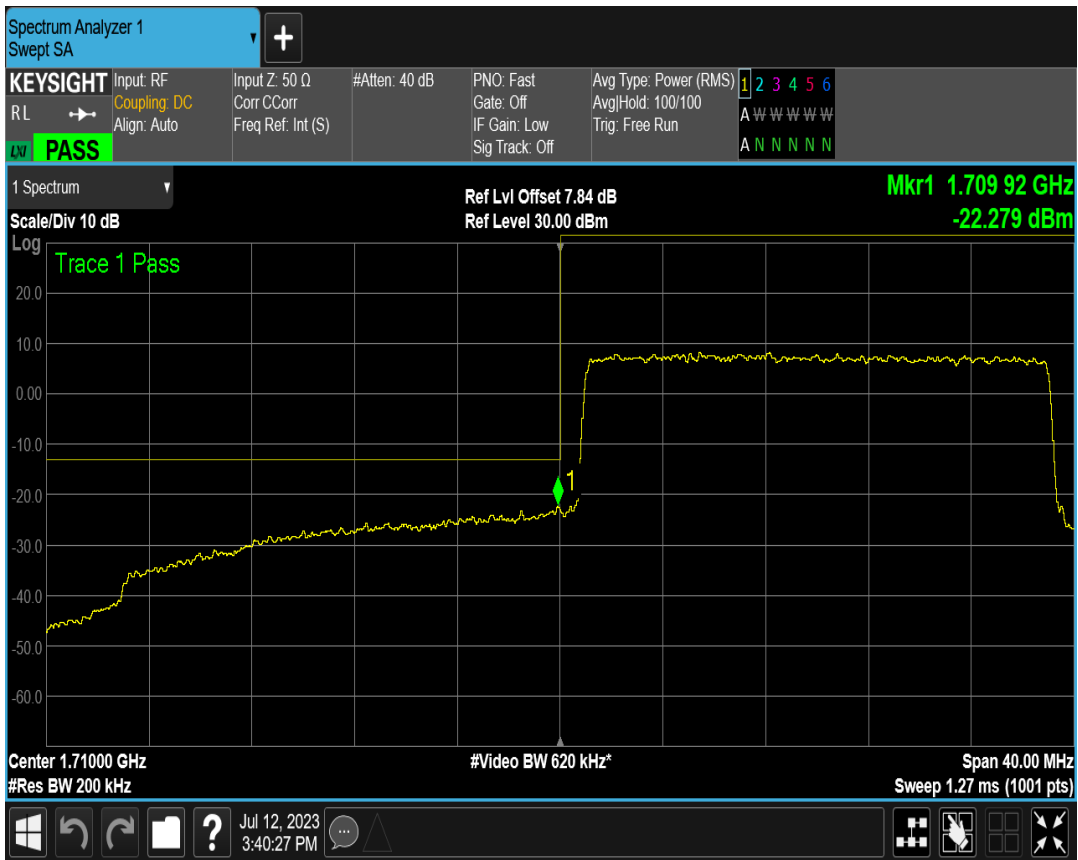
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



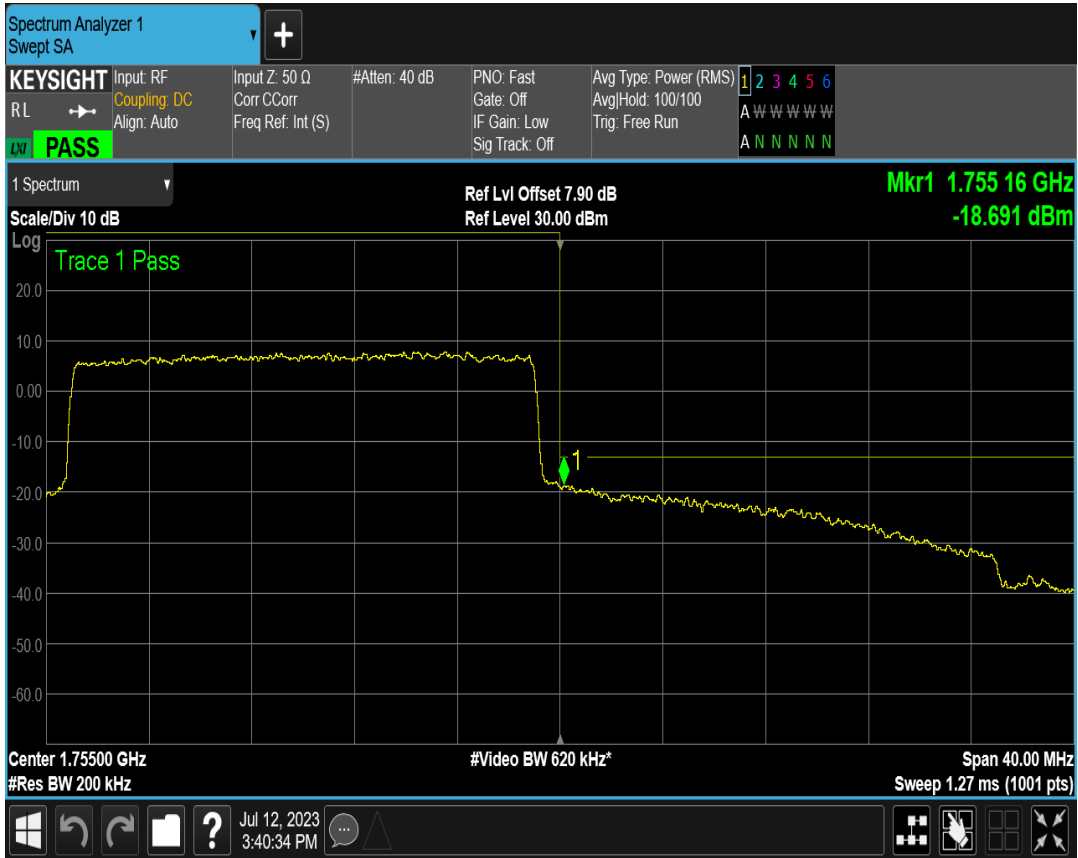
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



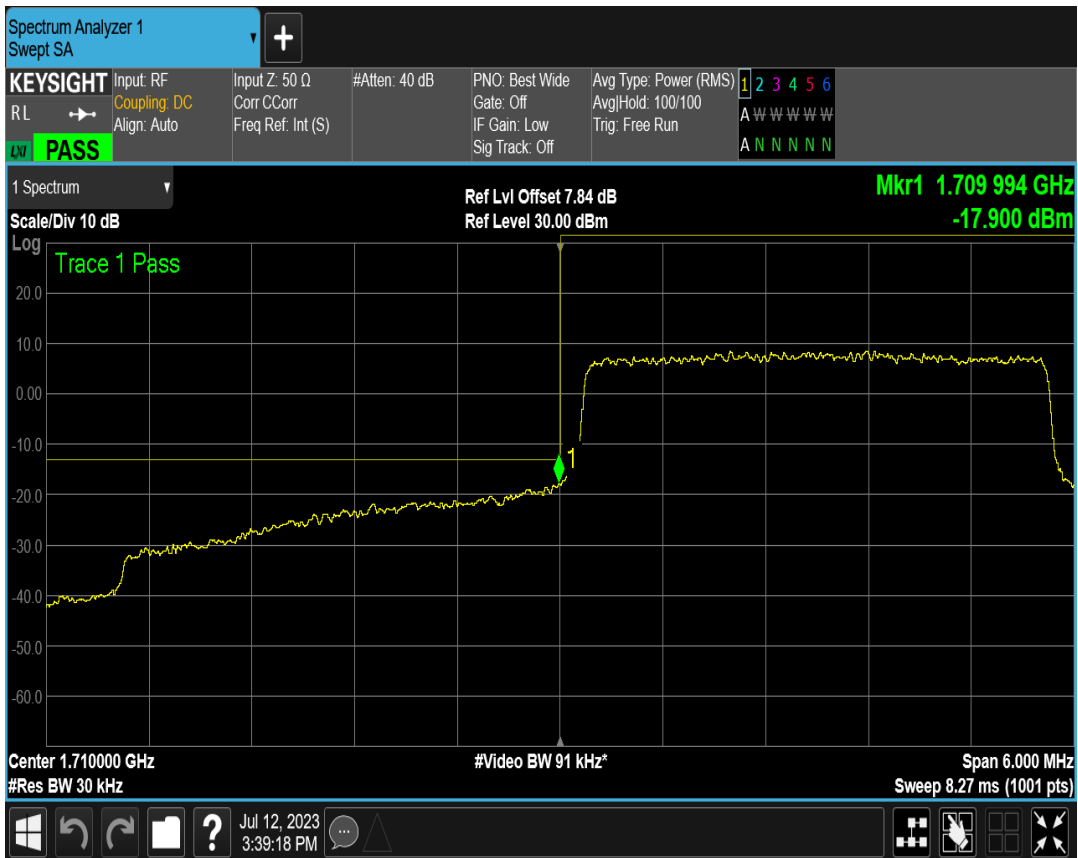
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



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



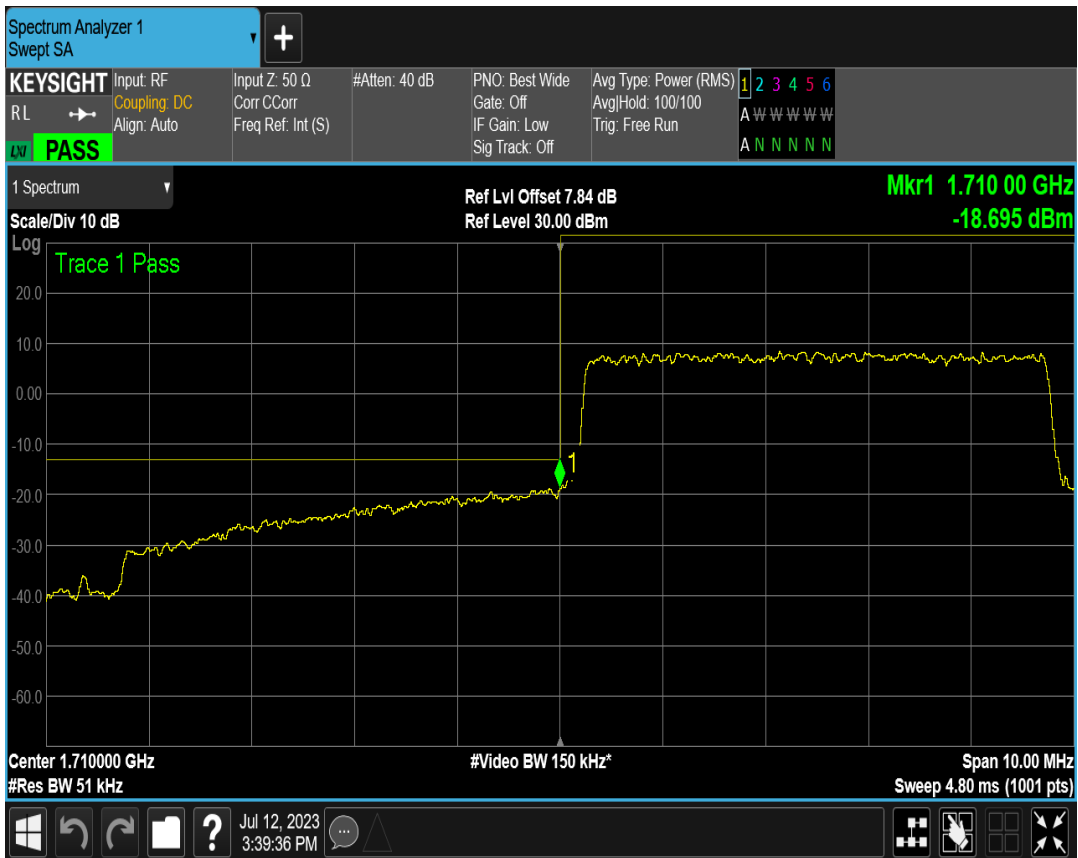
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



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

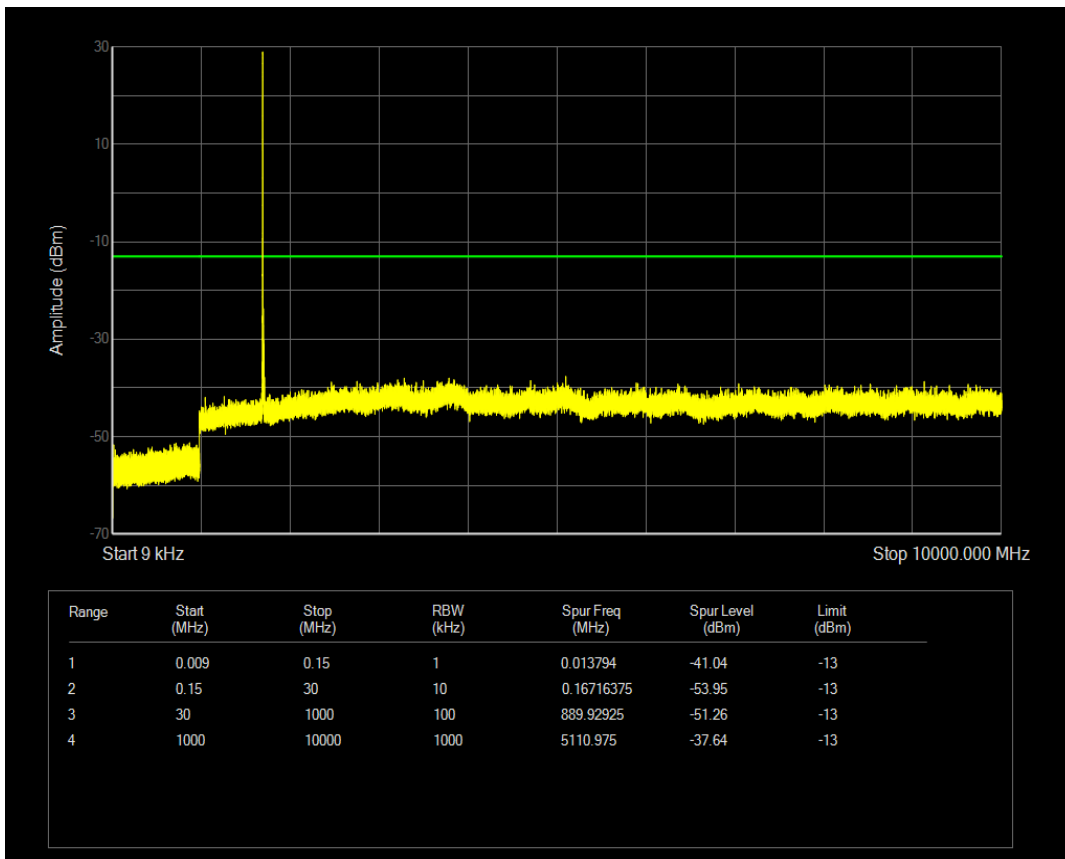


**6 Out-of-band emissions**

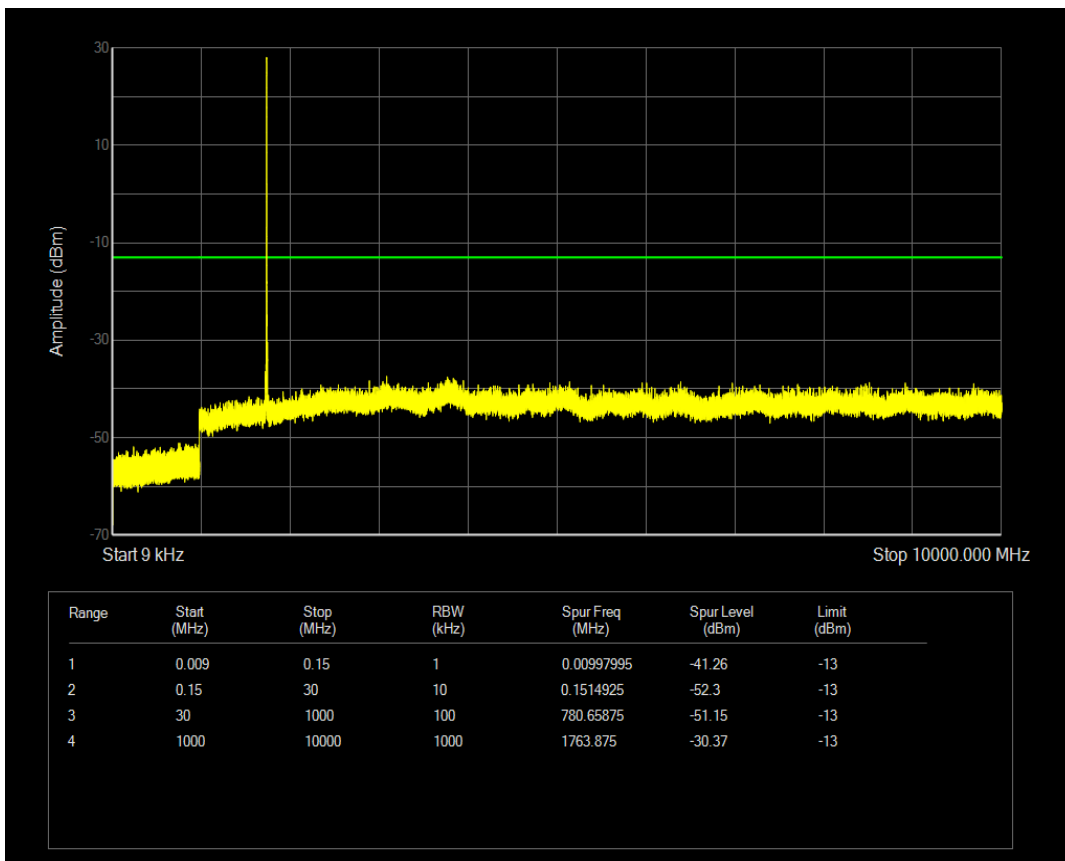
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	1699.75	-33.52	-13	PASS
Band4	1.4	19957	6	#0	QAM16	5110.98	-37.64	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1760.73	-34.10	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1763.88	-30.37	-13	PASS
Band4	3	19965	15	#0	QPSK	3841.75	-37.75	-13	PASS
Band4	3	19965	15	#0	QAM16	3247.53	-37.78	-13	PASS
Band4	3	20385	15	#0	QPSK	1767.03	-35.23	-13	PASS
Band4	3	20385	15	#0	QAM16	1770.40	-37.13	-13	PASS
Band4	5	19975	25	#0	QPSK	3810.70	-37.69	-13	PASS
Band4	5	19975	25	#0	QAM16	5925.70	-37.40	-13	PASS
Band4	5	20375	25	#0	QPSK	1776.93	-37.53	-13	PASS
Band4	5	20375	25	#0	QAM16	3913.75	-35.80	-13	PASS
Band4	10	20000	50	#0	QPSK	3884.73	-38.25	-13	PASS
Band4	10	20000	50	#0	QAM16	3906.10	-37.80	-13	PASS
Band4	10	20350	50	#0	QPSK	3774.03	-37.26	-13	PASS
Band4	10	20350	50	#0	QAM16	3788.43	-37.63	-13	PASS
Band4	15	20025	75	#0	QPSK	3896.43	-38.02	-13	PASS
Band4	15	20025	75	#0	QAM16	3812.73	-37.39	-13	PASS
Band4	15	20325	75	#0	QPSK	3257.43	-37.55	-13	PASS
Band4	15	20325	75	#0	QAM16	5075.20	-37.23	-13	PASS

Band4	20	20050	100	#0	QPSK	3814.53	-37.05	-13	PASS
Band4	20	20050	100	#0	QAM16	3830.05	-37.81	-13	PASS
Band4	20	20300	100	#0	QPSK	3827.13	-37.10	-13	PASS
Band4	20	20300	100	#0	QAM16	3784.83	-36.51	-13	PASS

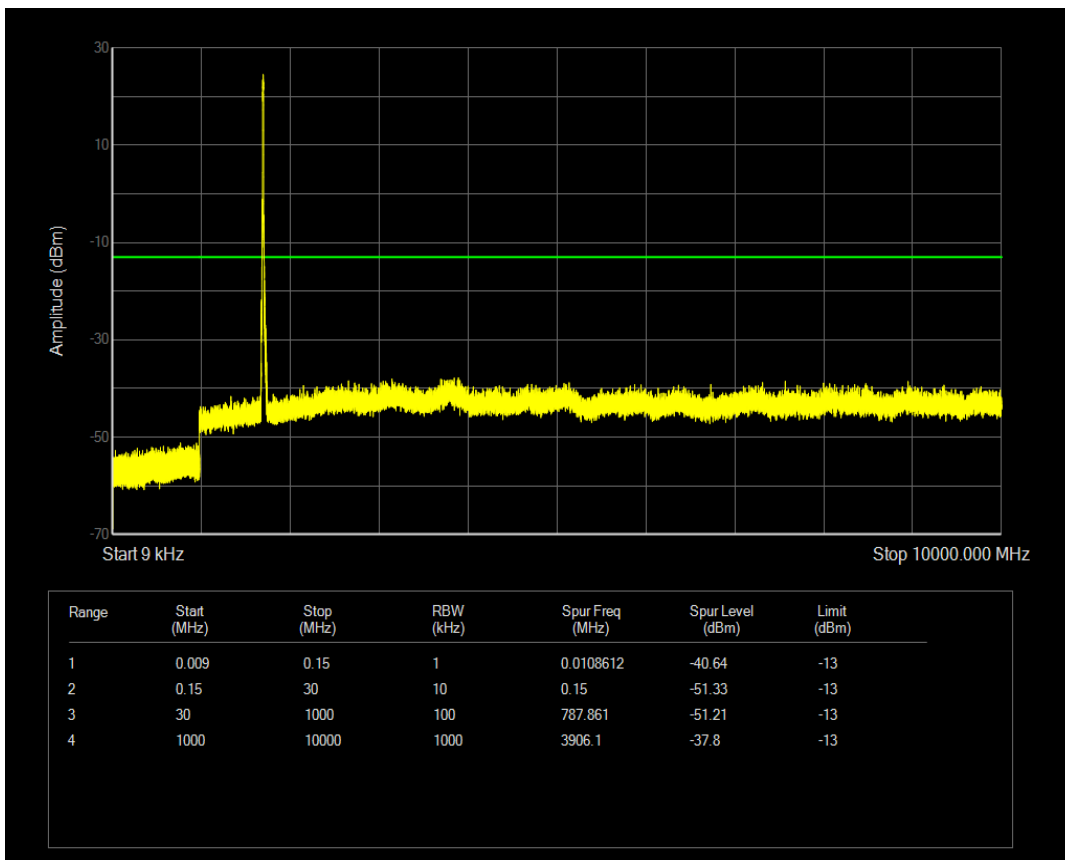
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



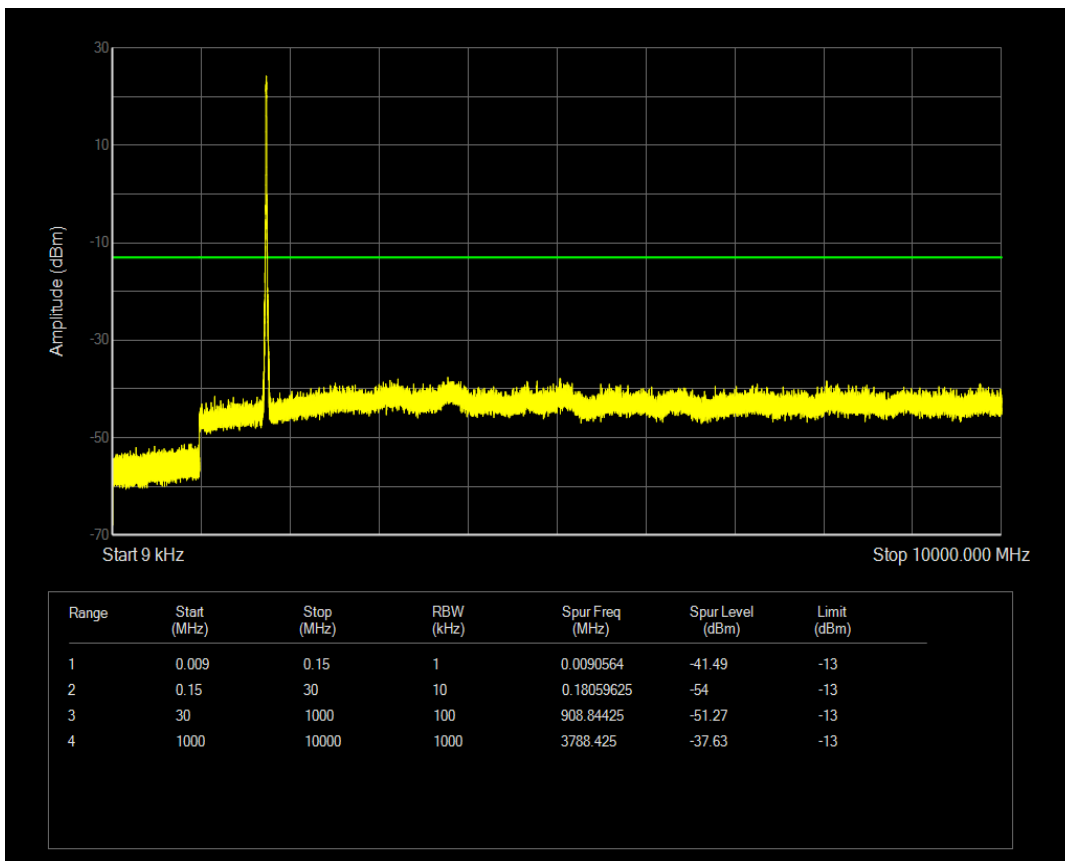
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



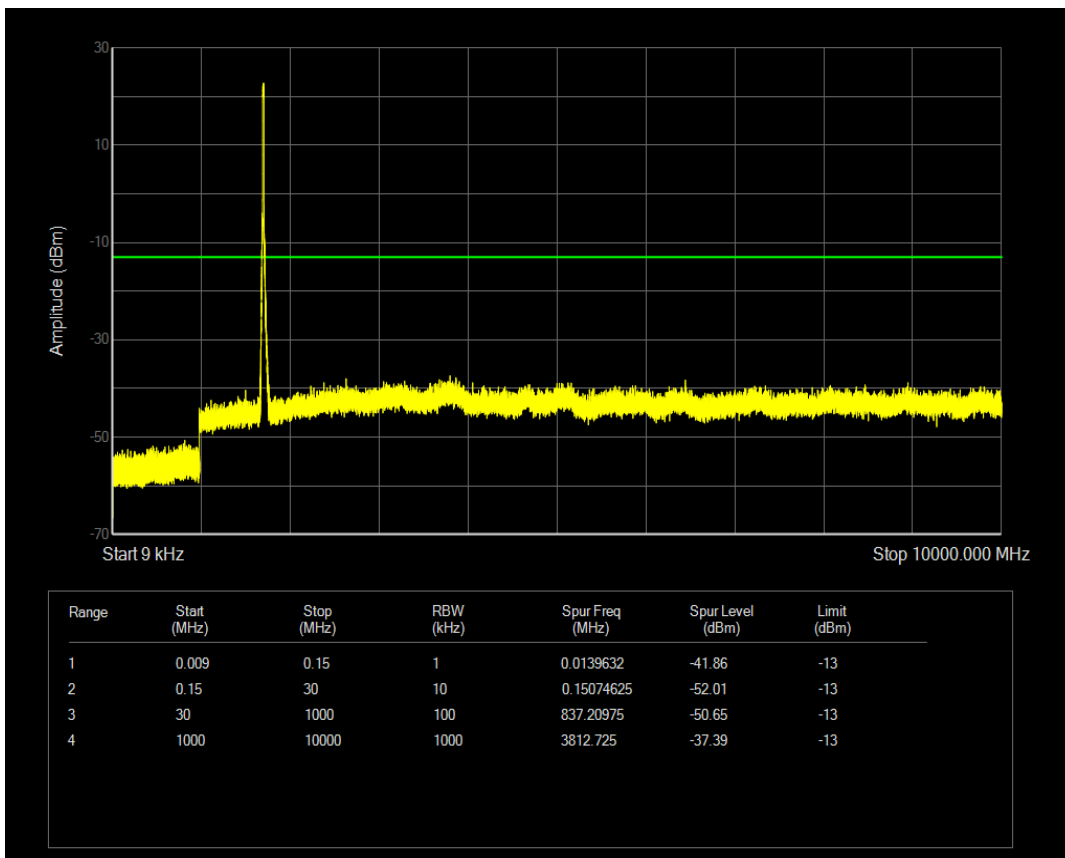
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



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

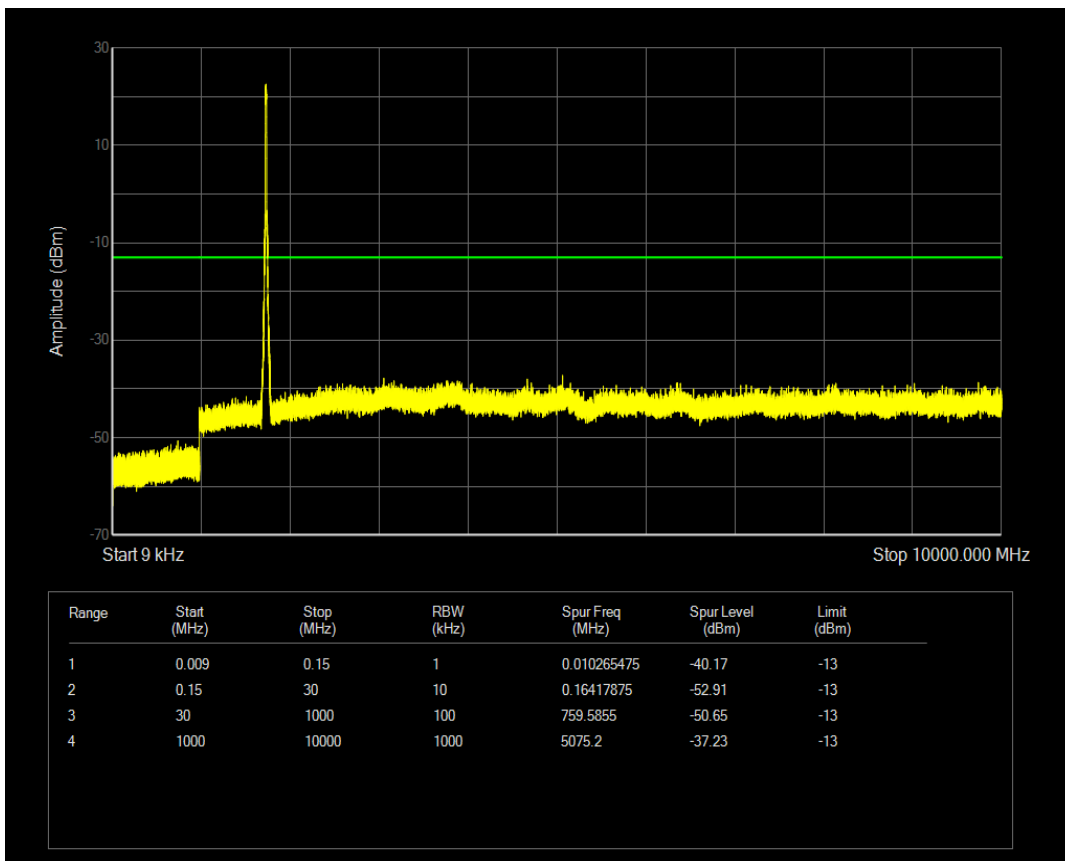


Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0

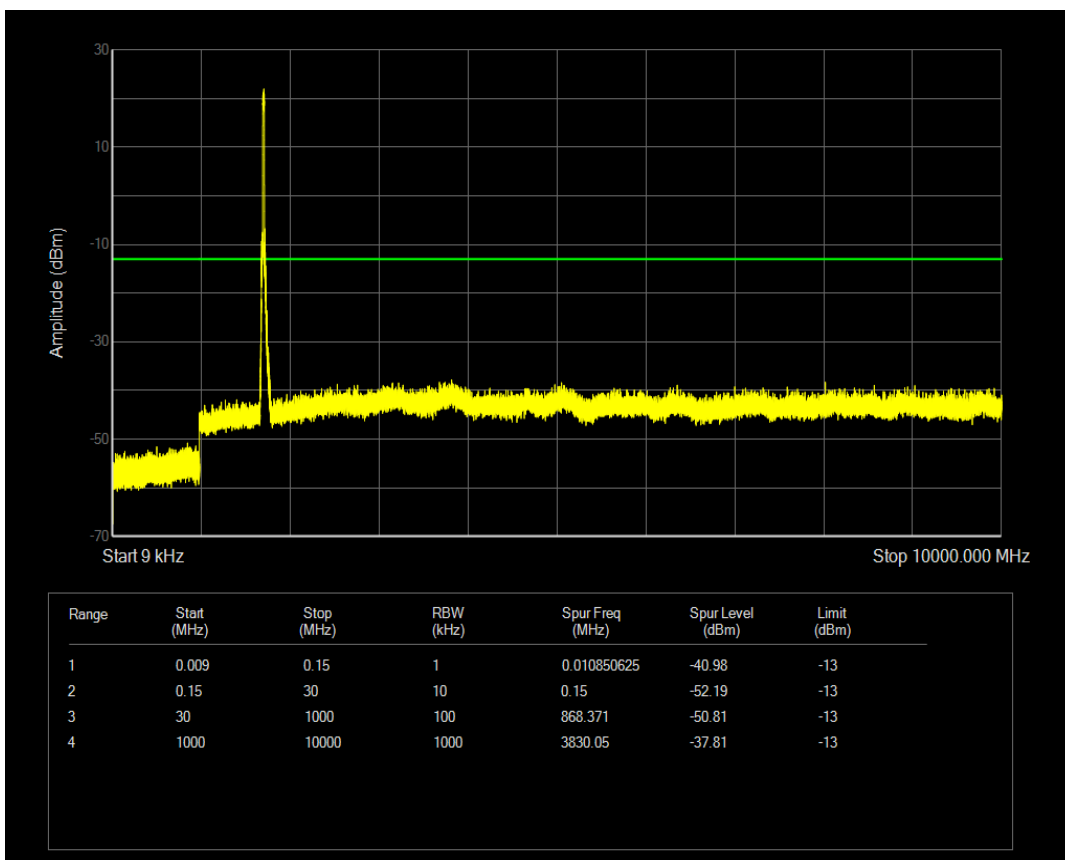


Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0

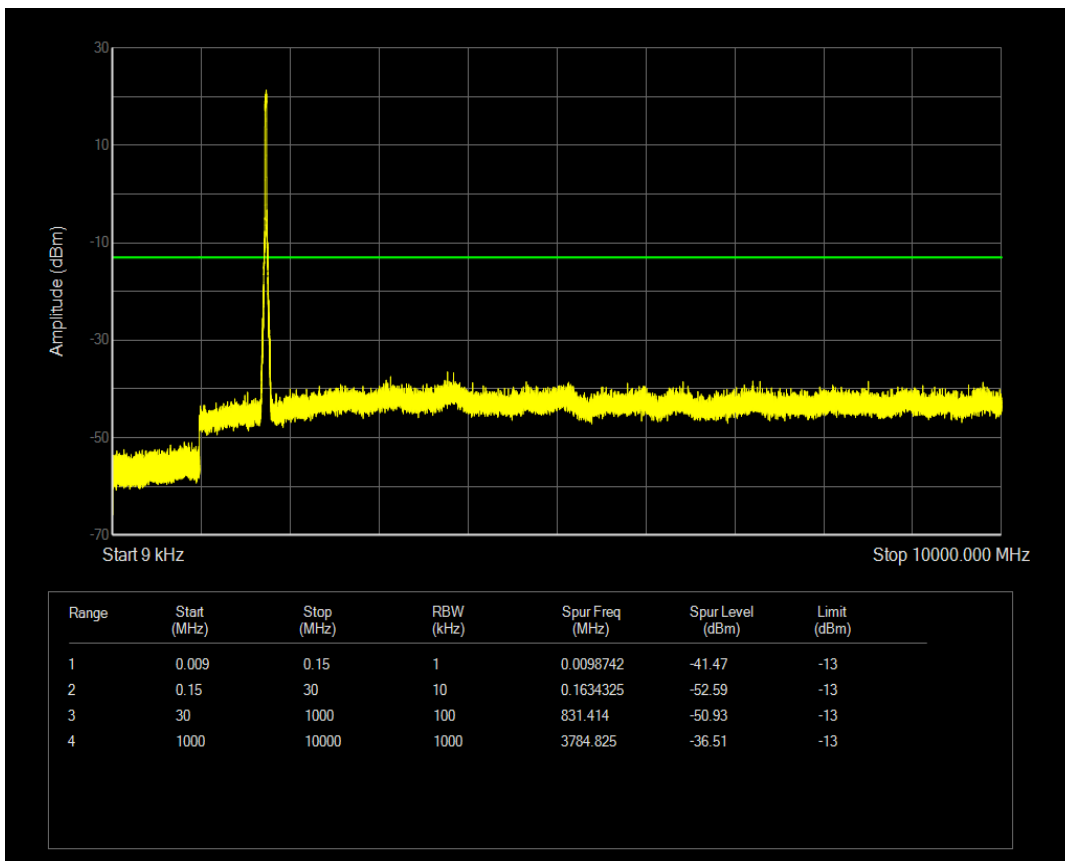




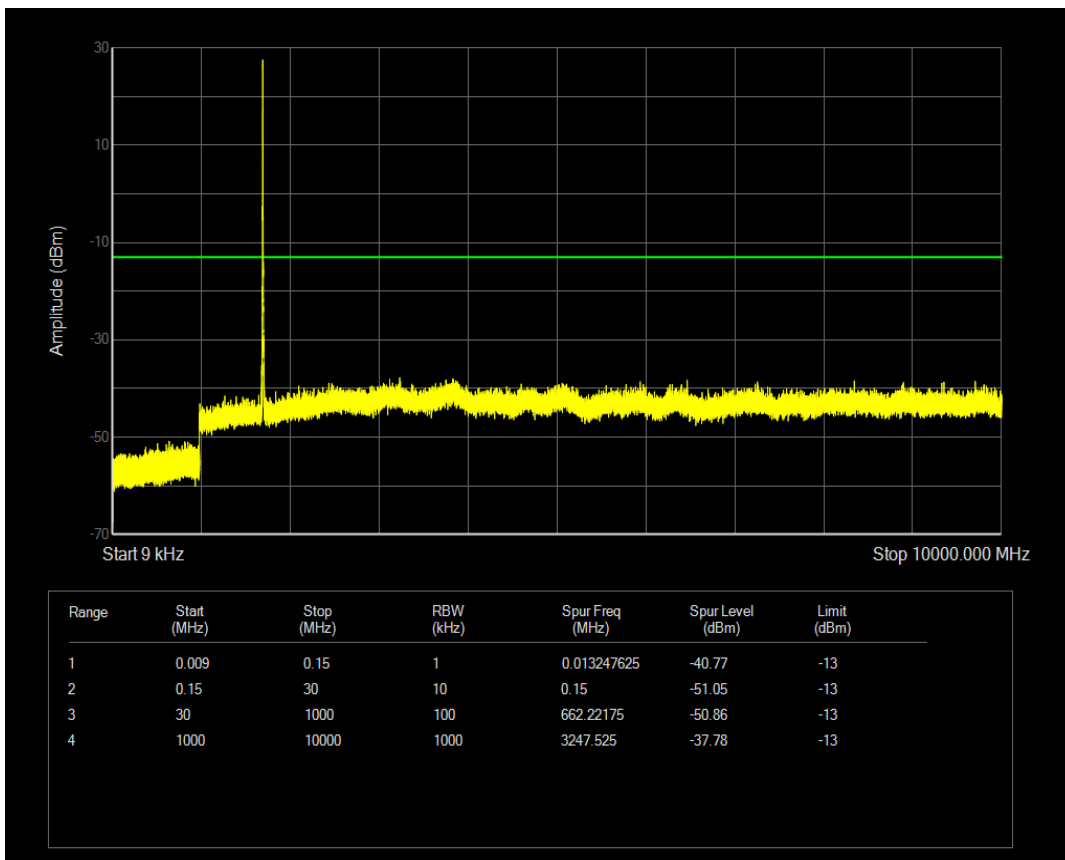
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



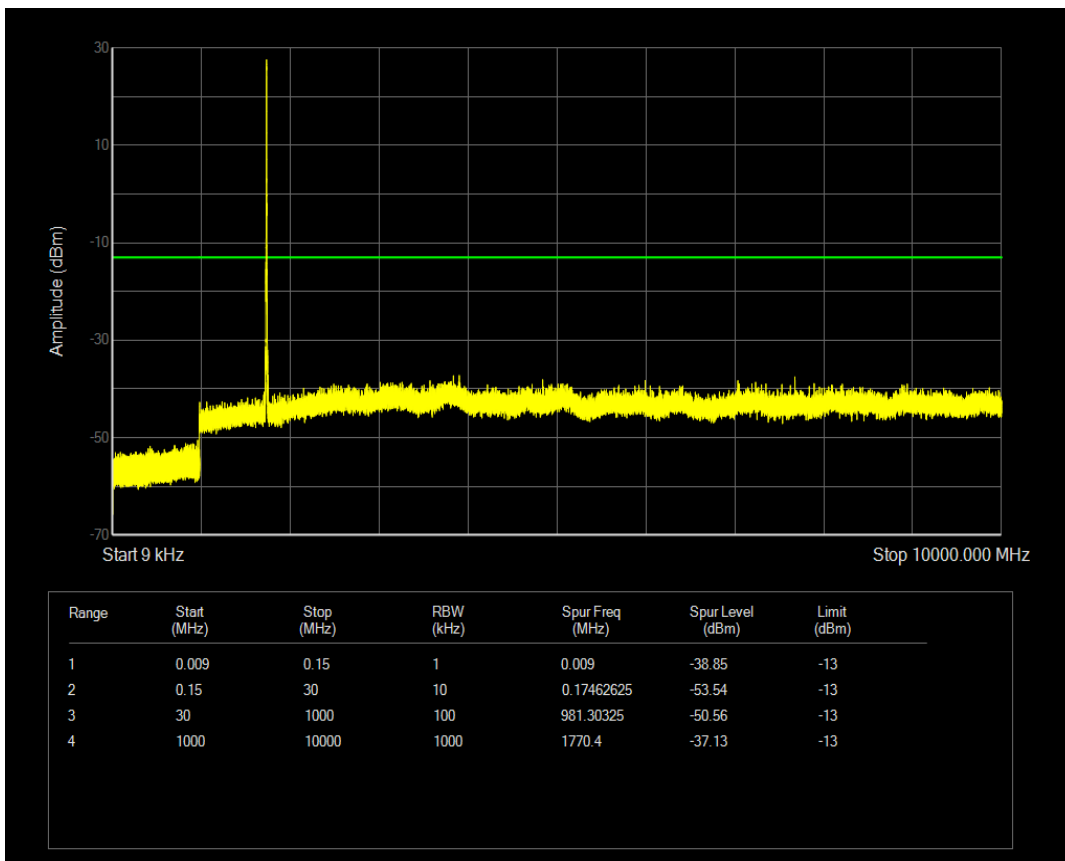
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



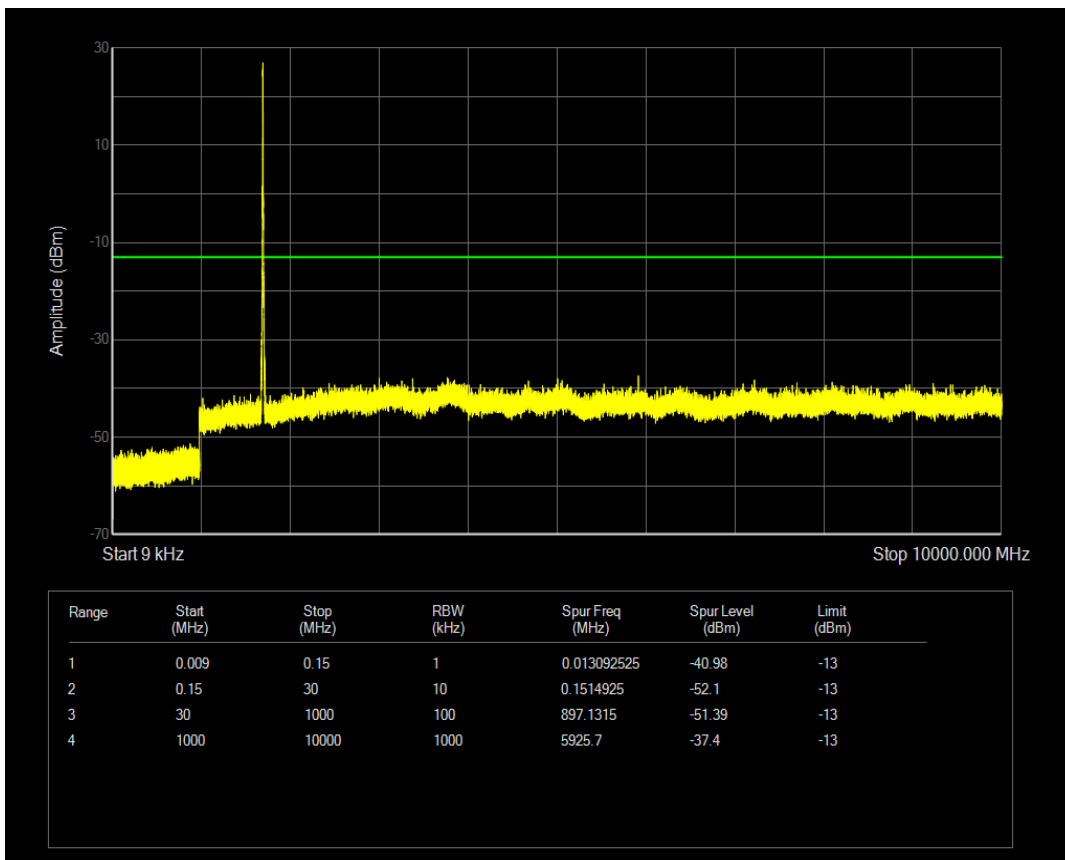
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



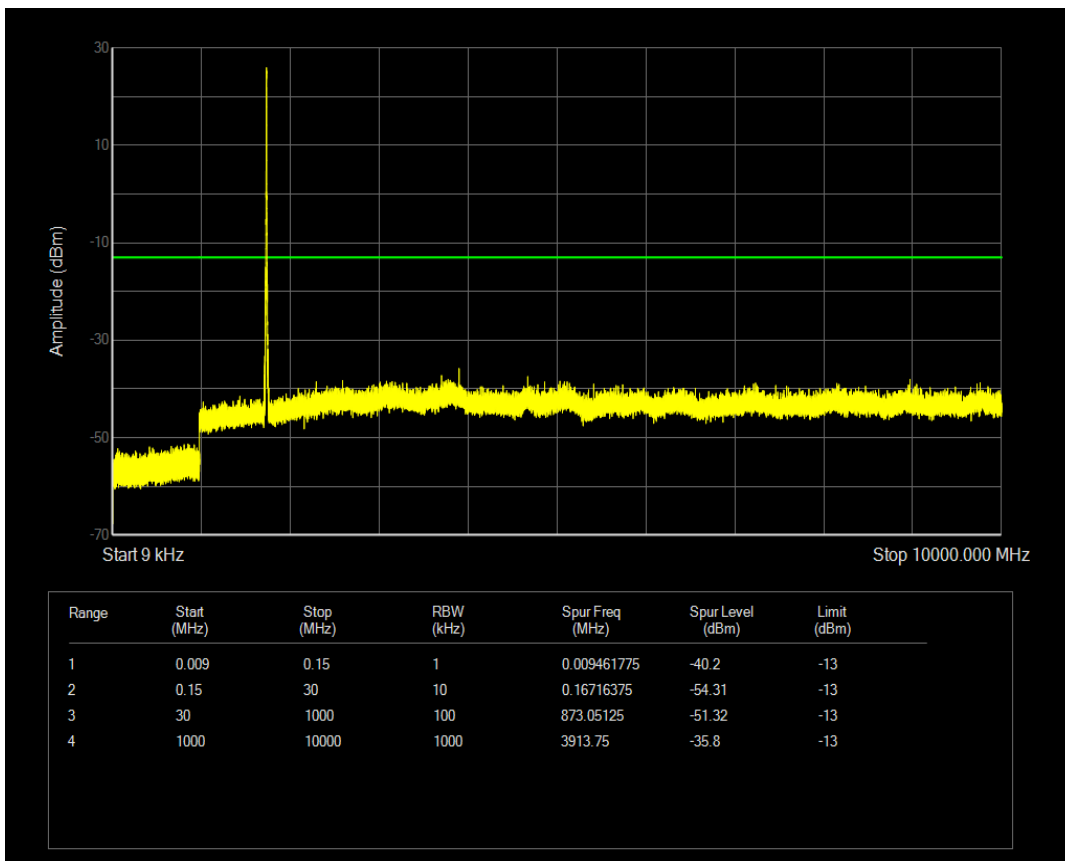
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



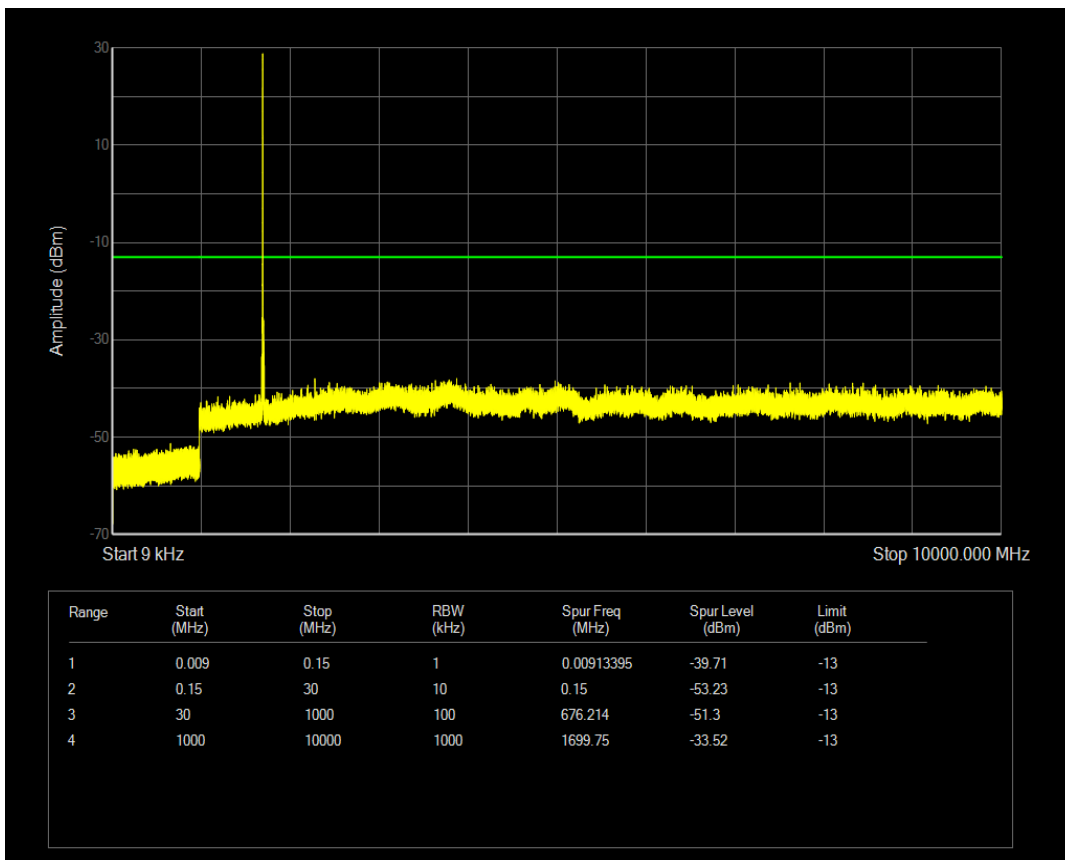
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



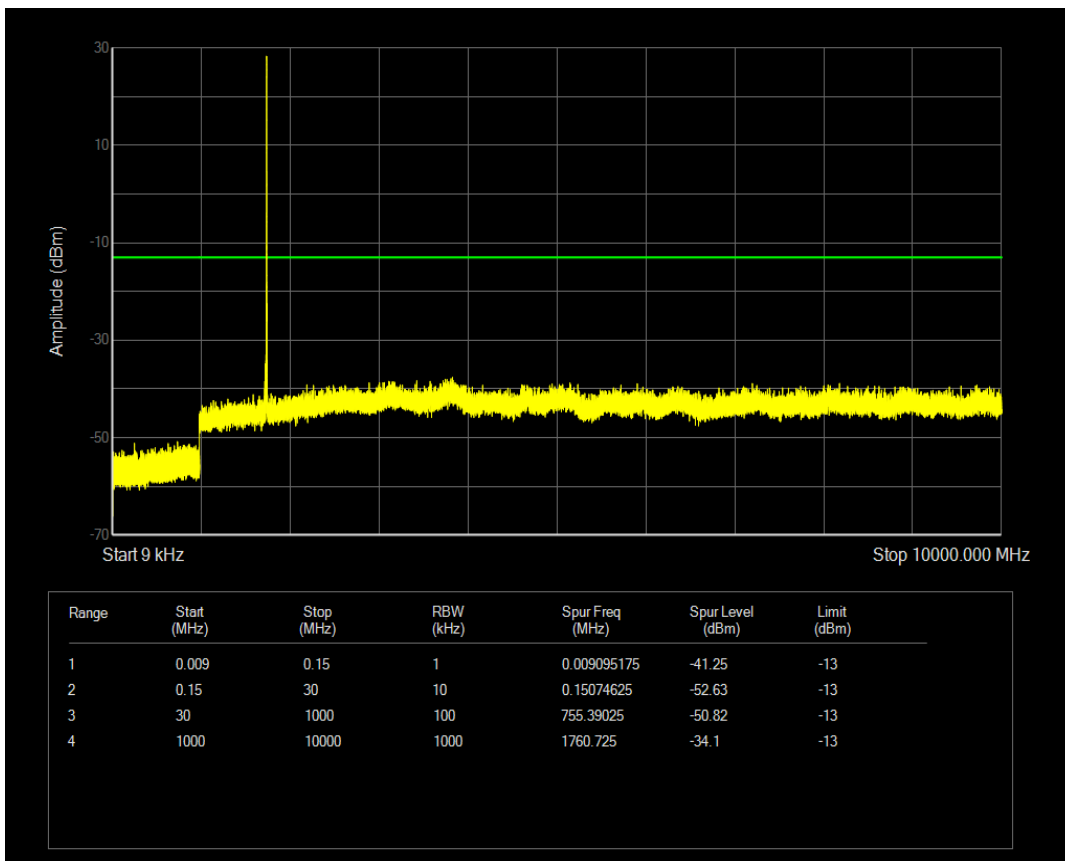
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



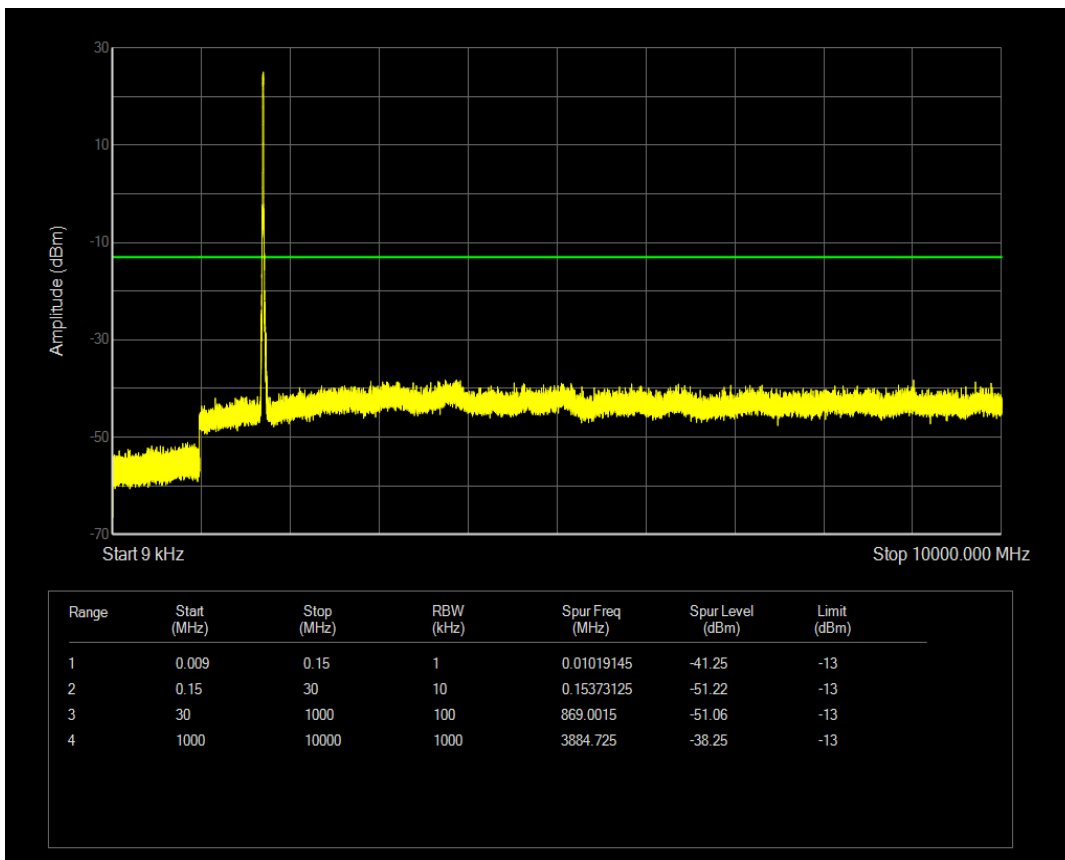
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



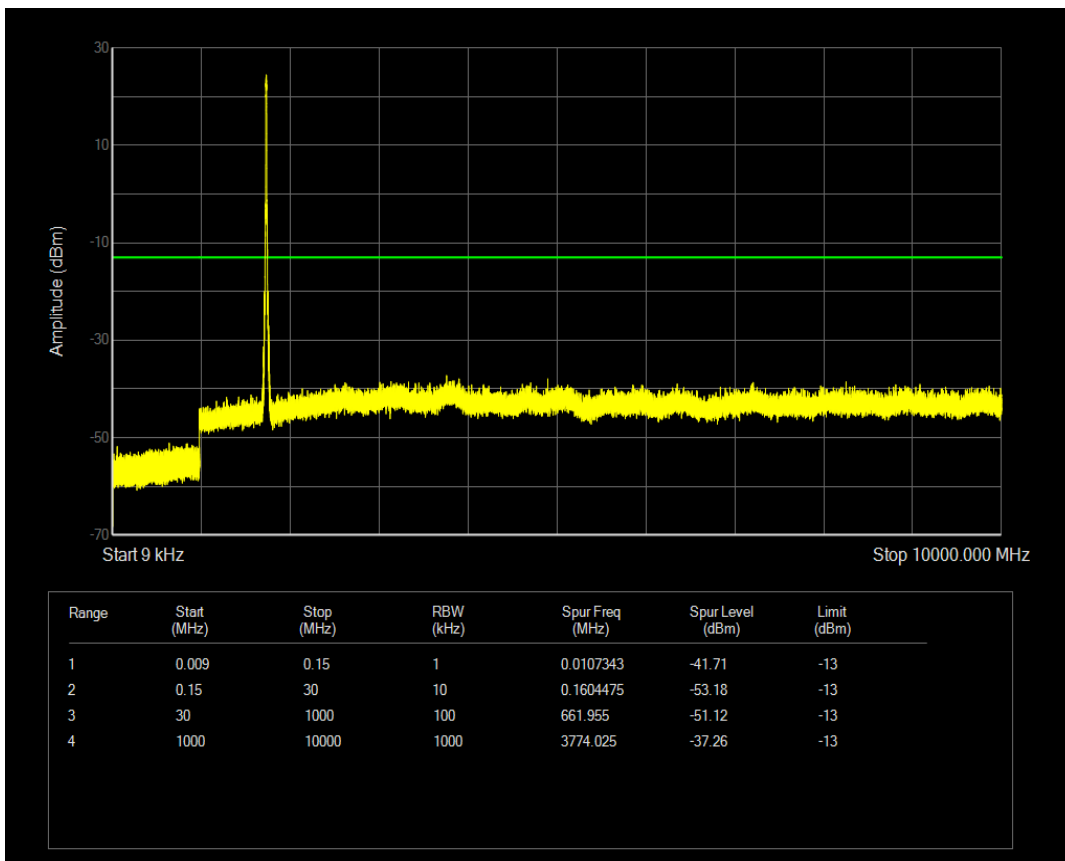
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



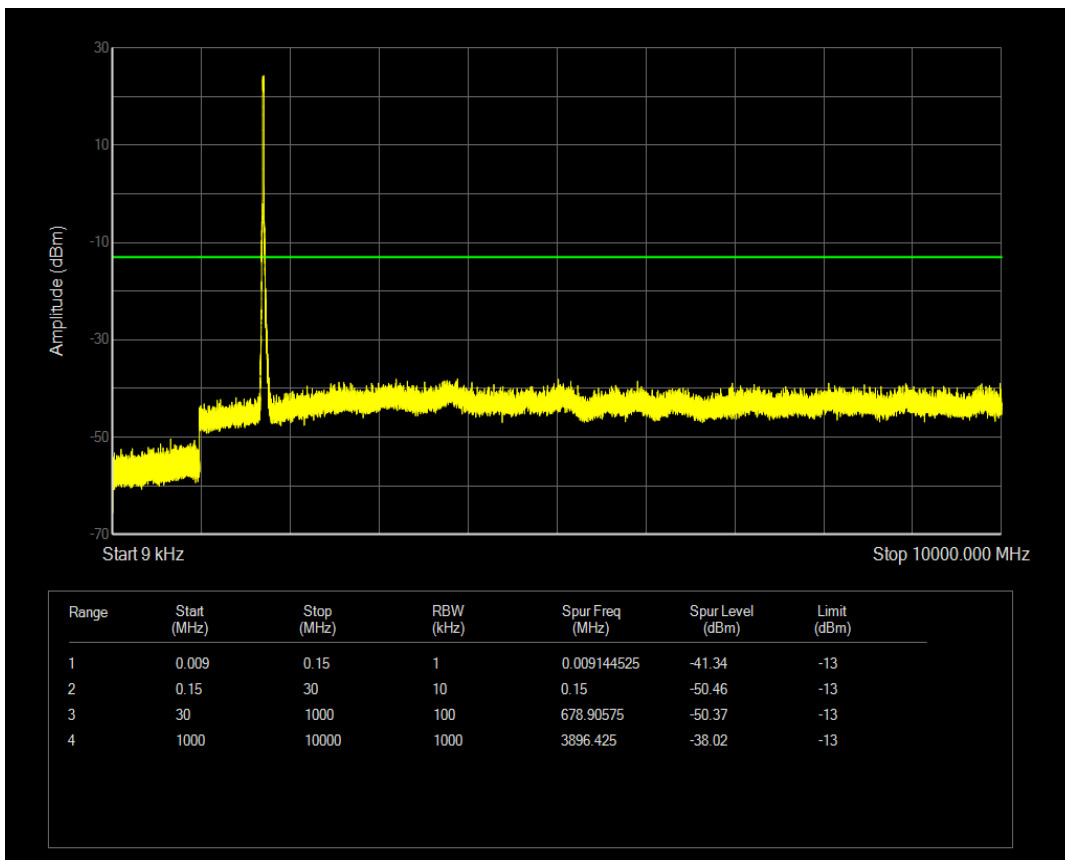
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



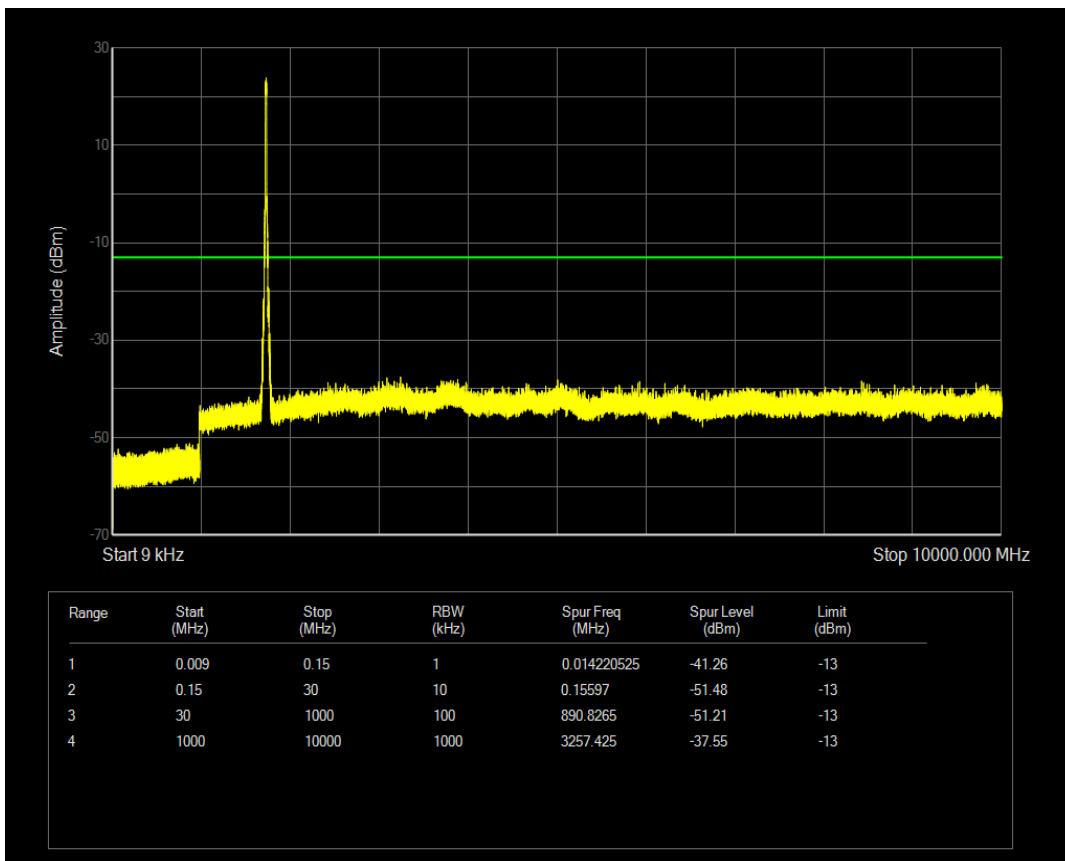
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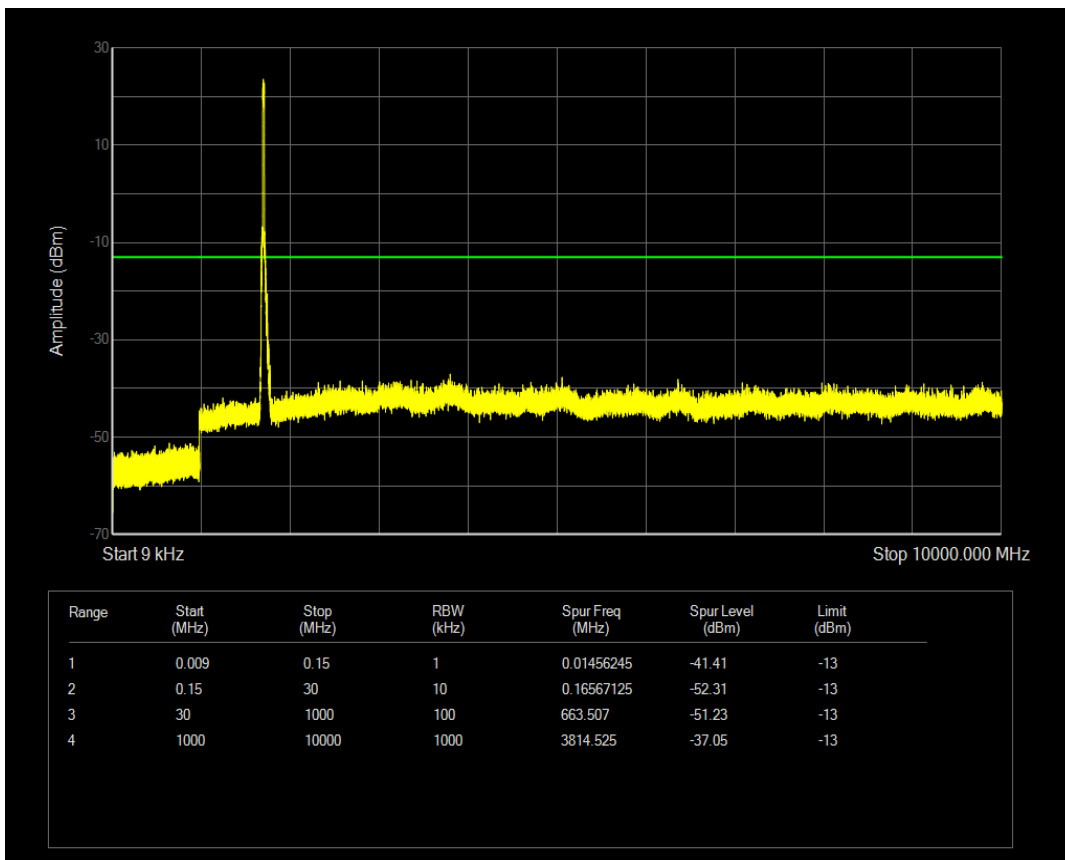
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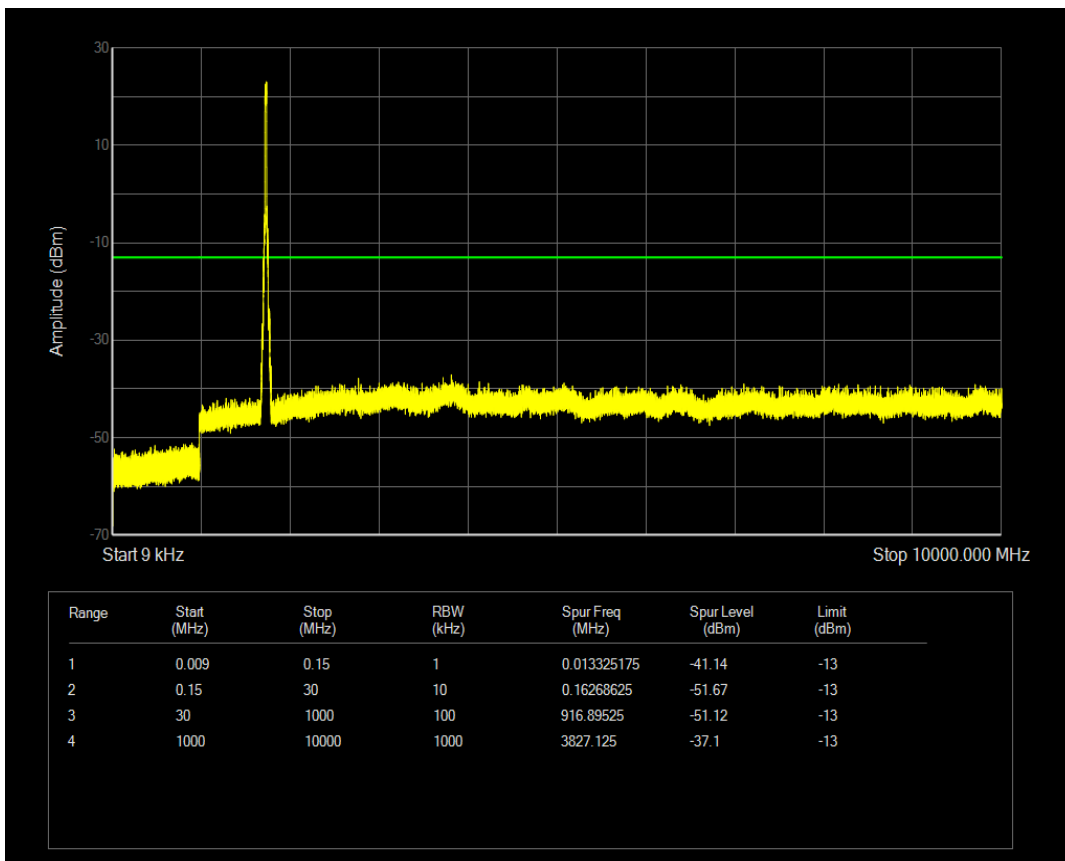
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



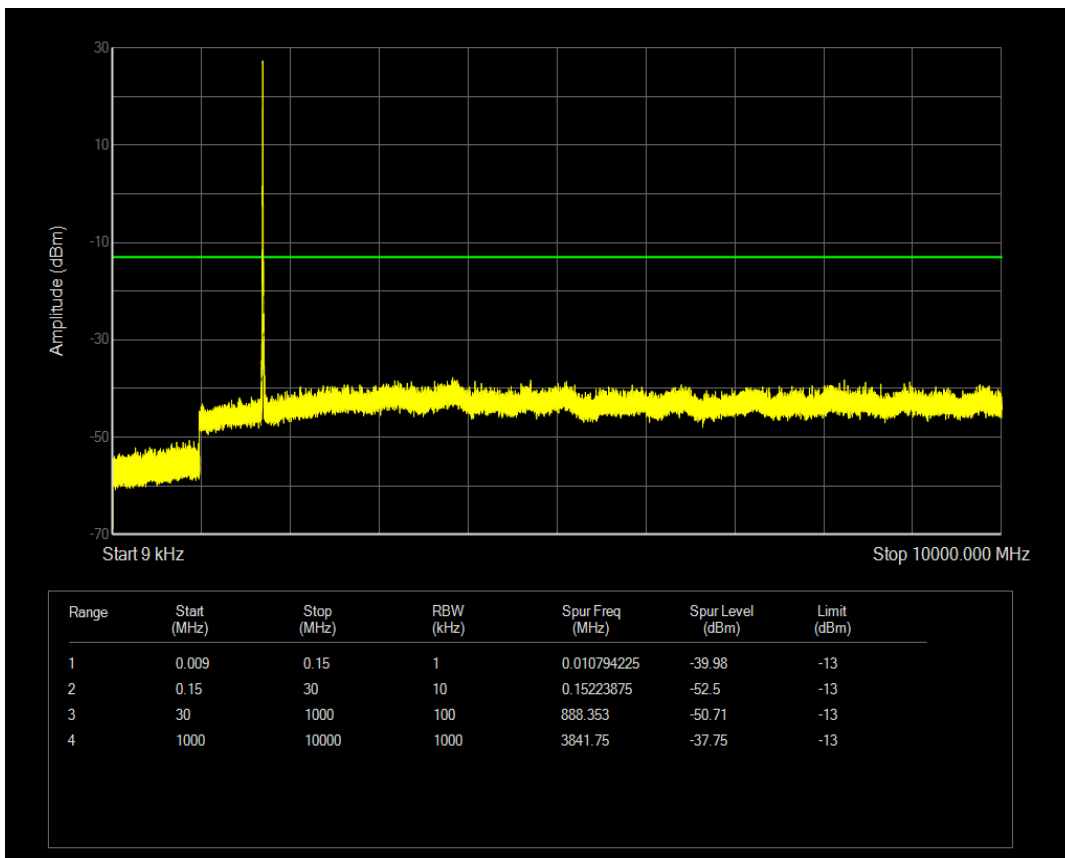
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



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

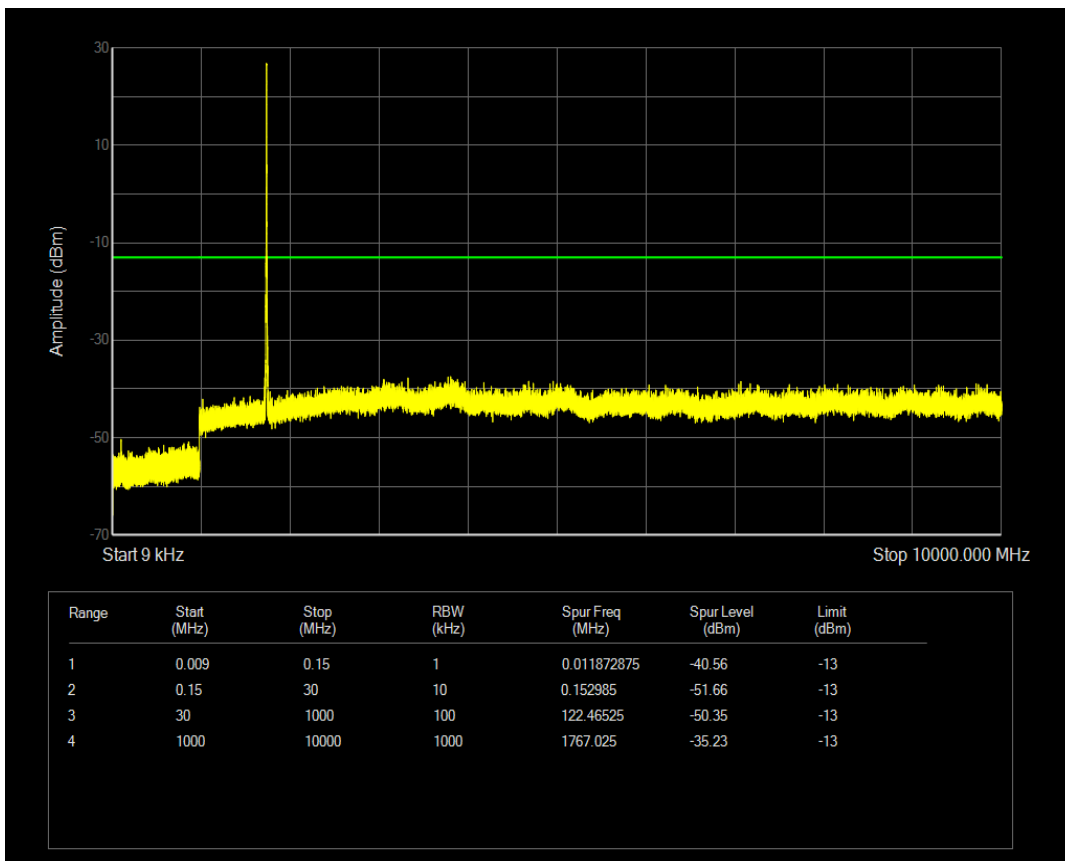


Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0

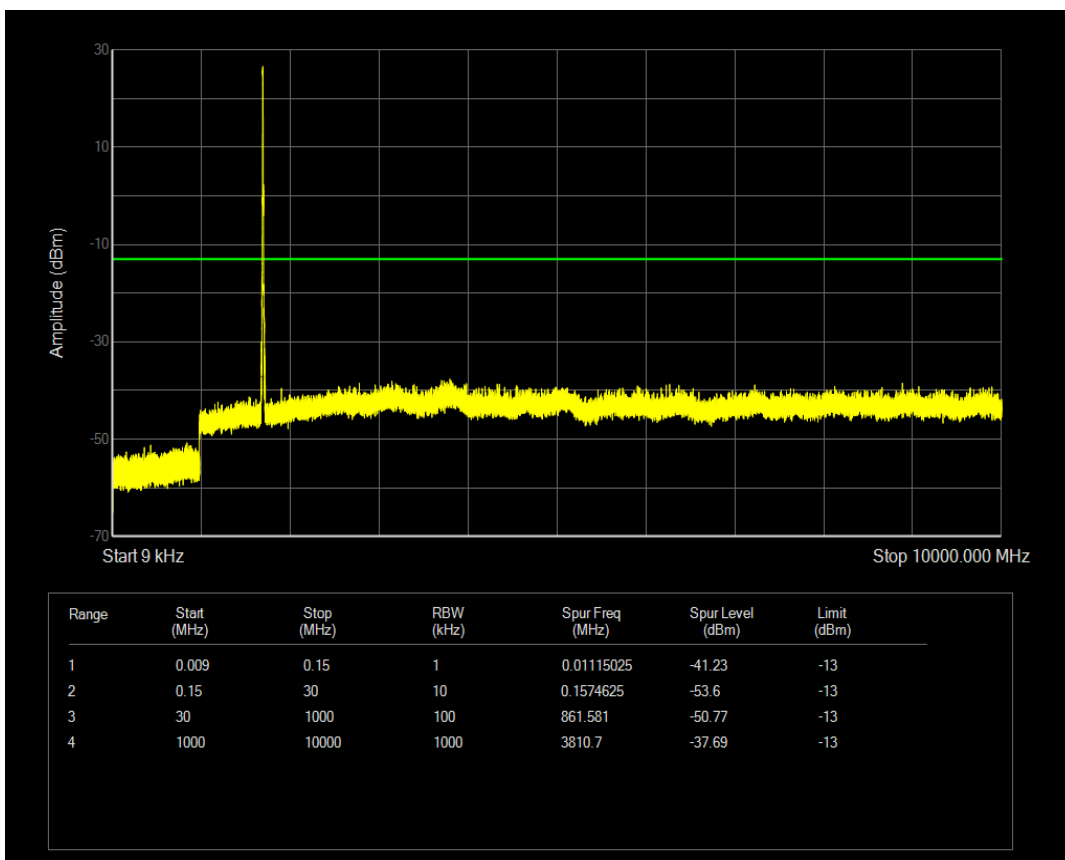


Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0





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



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

