

Appendix for Band 4

Report No.: BCTC2409488798-5E

Applicant: Shenzhen Huafurui Technology Co., Ltd.

Product Name: Smartphone

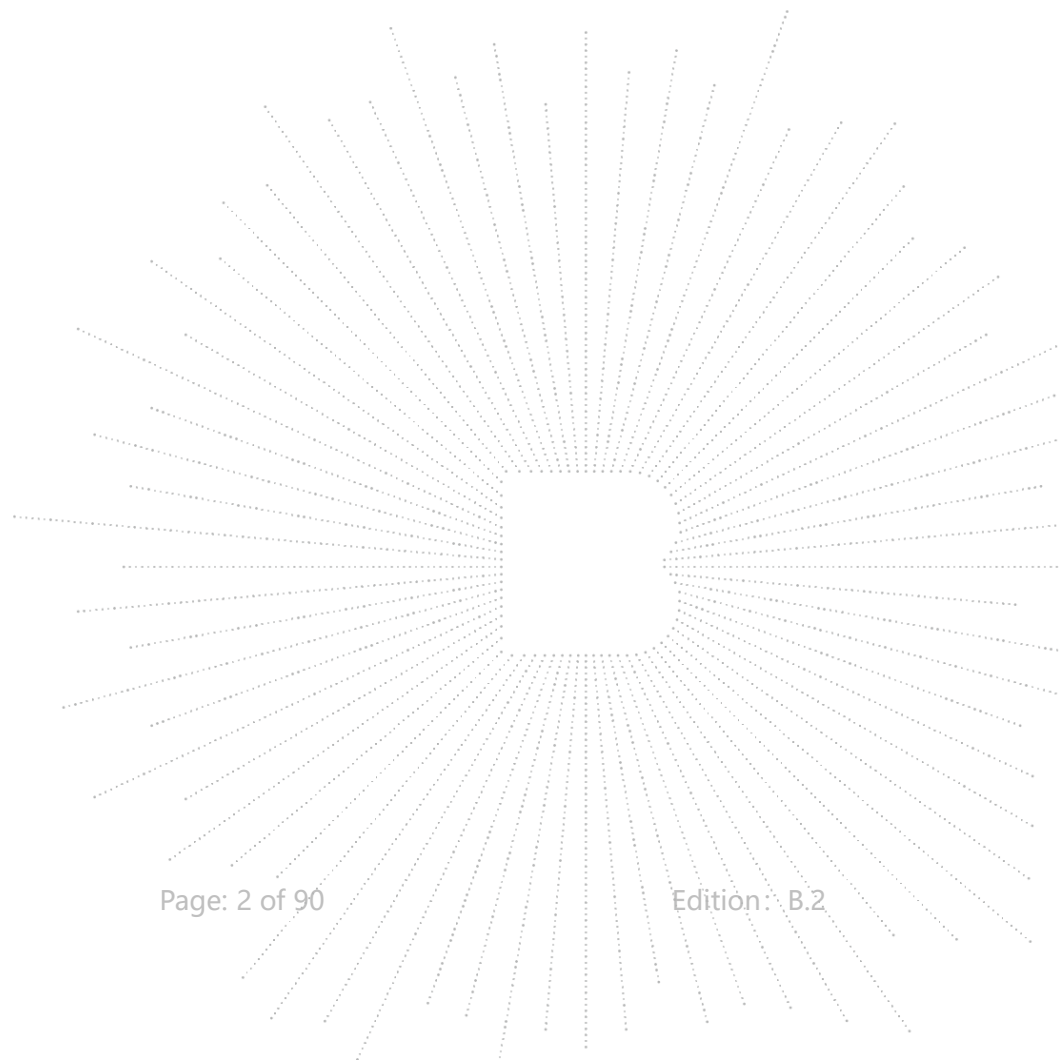
Test Model: KINGKONG X

Tested Date: 2024-09-12 to 2024-10-21

Shenzhen BCTC Testing Co., Ltd.

Contents

Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement	3
Appendix 2. Frequency stability.....	10
Appendix 3. Peak-to-Average Ratio	21
Appendix 4. Occupied bandwidth	40
Appendix 5. Band edge	59
Appendix 6. Out-of-band emissions	72



Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	21.48	-2.6	18.88	PASS
Band4	1.4	19957	1	#Mid	QPSK	21.56	-2.6	18.96	PASS
Band4	1.4	19957	1	#Max	QPSK	21.49	-2.6	18.89	PASS
Band4	1.4	19957	3	#0	QPSK	21.51	-2.6	18.91	PASS
Band4	1.4	19957	3	#Mid	QPSK	21.51	-2.6	18.91	PASS
Band4	1.4	19957	3	#Max	QPSK	21.51	-2.6	18.91	PASS
Band4	1.4	19957	6	#0	QPSK	20.49	-2.6	17.89	PASS
Band4	1.4	19957	1	#0	16QAM	20.43	-2.6	17.83	PASS
Band4	1.4	19957	1	#Mid	16QAM	20.45	-2.6	17.85	PASS
Band4	1.4	19957	1	#Max	16QAM	20.45	-2.6	17.85	PASS
Band4	1.4	19957	3	#0	16QAM	20.66	-2.6	18.06	PASS
Band4	1.4	19957	3	#Mid	16QAM	20.67	-2.6	18.07	PASS
Band4	1.4	19957	3	#Max	16QAM	20.68	-2.6	18.08	PASS
Band4	1.4	19957	6	#0	16QAM	19.65	-2.6	17.05	PASS
Band4	1.4	20175	1	#0	QPSK	21.24	-2.6	18.64	PASS
Band4	1.4	20175	1	#Mid	QPSK	21.30	-2.6	18.70	PASS
Band4	1.4	20175	1	#Max	QPSK	21.26	-2.6	18.66	PASS
Band4	1.4	20175	3	#0	QPSK	21.23	-2.6	18.63	PASS
Band4	1.4	20175	3	#Mid	QPSK	21.25	-2.6	18.65	PASS
Band4	1.4	20175	3	#Max	QPSK	21.23	-2.6	18.63	PASS
Band4	1.4	20175	6	#0	QPSK	20.25	-2.6	17.65	PASS
Band4	1.4	20175	1	#0	16QAM	20.49	-2.6	17.89	PASS
Band4	1.4	20175	1	#Mid	16QAM	20.49	-2.6	17.89	PASS
Band4	1.4	20175	1	#Max	16QAM	20.46	-2.6	17.86	PASS
Band4	1.4	20175	3	#0	16QAM	20.49	-2.6	17.89	PASS
Band4	1.4	20175	3	#Mid	16QAM	20.48	-2.6	17.88	PASS
Band4	1.4	20175	3	#Max	16QAM	20.43	-2.6	17.83	PASS
Band4	1.4	20175	6	#0	16QAM	19.43	-2.6	16.83	PASS
Band4	1.4	20393	1	#0	QPSK	21.34	-2.6	18.74	PASS
Band4	1.4	20393	1	#Mid	QPSK	21.34	-2.6	18.74	PASS
Band4	1.4	20393	1	#Max	QPSK	21.29	-2.6	18.69	PASS
Band4	1.4	20393	3	#0	QPSK	21.37	-2.6	18.77	PASS
Band4	1.4	20393	3	#Mid	QPSK	21.35	-2.6	18.75	PASS
Band4	1.4	20393	3	#Max	QPSK	21.34	-2.6	18.74	PASS
Band4	1.4	20393	6	#0	QPSK	20.34	-2.6	17.74	PASS
Band4	1.4	20393	1	#0	16QAM	20.62	-2.6	18.02	PASS

Band4	1.4	20393	1	#Mid	16QAM	20.60	-2.6	18.00	PASS
Band4	1.4	20393	1	#Max	16QAM	20.64	-2.6	18.04	PASS
Band4	1.4	20393	3	#0	16QAM	20.55	-2.6	17.95	PASS
Band4	1.4	20393	3	#Mid	16QAM	20.56	-2.6	17.96	PASS
Band4	1.4	20393	3	#Max	16QAM	20.57	-2.6	17.97	PASS
Band4	1.4	20393	6	#0	16QAM	19.50	-2.6	16.90	PASS
Band4	3	19965	1	#0	QPSK	21.50	-2.6	18.90	PASS
Band4	3	19965	1	#Mid	QPSK	21.53	-2.6	18.93	PASS
Band4	3	19965	1	#Max	QPSK	21.48	-2.6	18.88	PASS
Band4	3	19965	8	#0	QPSK	20.47	-2.6	17.87	PASS
Band4	3	19965	8	#Mid	QPSK	20.47	-2.6	17.87	PASS
Band4	3	19965	8	#Max	QPSK	20.46	-2.6	17.86	PASS
Band4	3	19965	15	#0	QPSK	20.48	-2.6	17.88	PASS
Band4	3	19965	1	#0	16QAM	20.91	-2.6	18.31	PASS
Band4	3	19965	1	#Mid	16QAM	20.91	-2.6	18.31	PASS
Band4	3	19965	1	#Max	16QAM	20.88	-2.6	18.28	PASS
Band4	3	19965	8	#0	16QAM	19.49	-2.6	16.89	PASS
Band4	3	19965	8	#Mid	16QAM	19.49	-2.6	16.89	PASS
Band4	3	19965	8	#Max	16QAM	19.48	-2.6	16.88	PASS
Band4	3	19965	15	#0	16QAM	19.50	-2.6	16.90	PASS
Band4	3	20175	1	#0	QPSK	21.04	-2.6	18.44	PASS
Band4	3	20175	1	#Mid	QPSK	21.09	-2.6	18.49	PASS
Band4	3	20175	1	#Max	QPSK	20.81	-2.6	18.21	PASS
Band4	3	20175	8	#0	QPSK	20.22	-2.6	17.62	PASS
Band4	3	20175	8	#Mid	QPSK	20.24	-2.6	17.64	PASS
Band4	3	20175	8	#Max	QPSK	20.20	-2.6	17.60	PASS
Band4	3	20175	15	#0	QPSK	20.18	-2.6	17.58	PASS
Band4	3	20175	1	#0	16QAM	19.96	-2.6	17.36	PASS
Band4	3	20175	1	#Mid	16QAM	20.00	-2.6	17.40	PASS
Band4	3	20175	1	#Max	16QAM	19.93	-2.6	17.33	PASS
Band4	3	20175	8	#0	16QAM	19.24	-2.6	16.64	PASS
Band4	3	20175	8	#Mid	16QAM	19.24	-2.6	16.64	PASS
Band4	3	20175	8	#Max	16QAM	19.20	-2.6	16.60	PASS
Band4	3	20175	15	#0	16QAM	19.16	-2.6	16.56	PASS
Band4	3	20385	1	#0	QPSK	20.95	-2.6	18.35	PASS
Band4	3	20385	1	#Mid	QPSK	20.95	-2.6	18.35	PASS
Band4	3	20385	1	#Max	QPSK	20.91	-2.6	18.31	PASS
Band4	3	20385	8	#0	QPSK	20.37	-2.6	17.77	PASS
Band4	3	20385	8	#Mid	QPSK	20.37	-2.6	17.77	PASS
Band4	3	20385	8	#Max	QPSK	20.36	-2.6	17.76	PASS
Band4	3	20385	15	#0	QPSK	20.36	-2.6	17.76	PASS
Band4	3	20385	1	#0	16QAM	19.84	-2.6	17.24	PASS
Band4	3	20385	1	#Mid	16QAM	19.84	-2.6	17.24	PASS

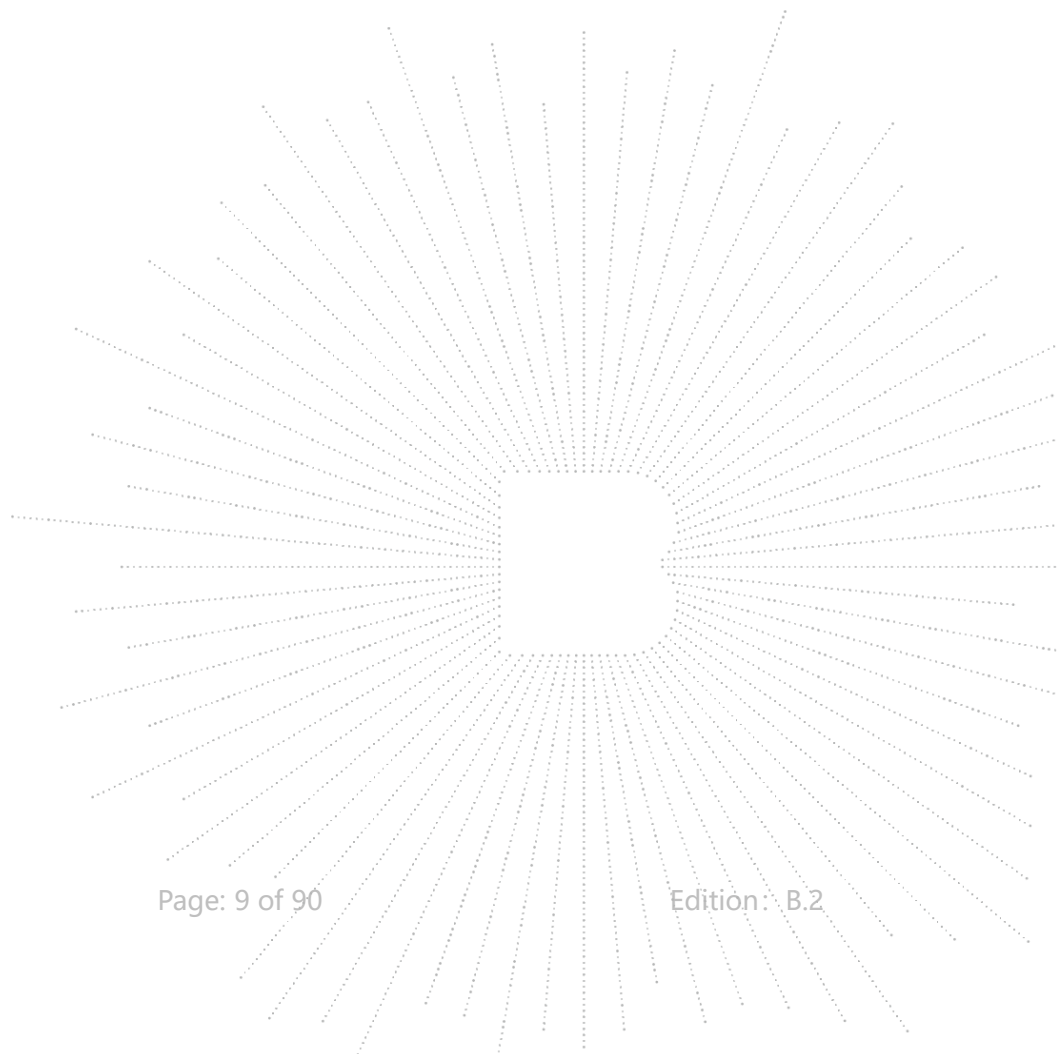
Band4	3	20385	1	#Max	16QAM	19.83	-2.6	17.23	PASS
Band4	3	20385	8	#0	16QAM	19.40	-2.6	16.80	PASS
Band4	3	20385	8	#Mid	16QAM	19.37	-2.6	16.77	PASS
Band4	3	20385	8	#Max	16QAM	19.35	-2.6	16.75	PASS
Band4	3	20385	15	#0	16QAM	19.42	-2.6	16.82	PASS
Band4	5	19975	1	#0	QPSK	21.04	-2.6	18.44	PASS
Band4	5	19975	1	#Mid	QPSK	21.13	-2.6	18.53	PASS
Band4	5	19975	1	#Max	QPSK	21.03	-2.6	18.43	PASS
Band4	5	19975	12	#0	QPSK	20.56	-2.6	17.96	PASS
Band4	5	19975	12	#Mid	QPSK	20.47	-2.6	17.87	PASS
Band4	5	19975	12	#Max	QPSK	20.44	-2.6	17.84	PASS
Band4	5	19975	25	#0	QPSK	20.53	-2.6	17.93	PASS
Band4	5	19975	1	#0	16QAM	20.47	-2.6	17.87	PASS
Band4	5	19975	1	#Mid	16QAM	20.58	-2.6	17.98	PASS
Band4	5	19975	1	#Max	16QAM	20.55	-2.6	17.95	PASS
Band4	5	19975	12	#0	16QAM	19.52	-2.6	16.92	PASS
Band4	5	19975	12	#Mid	16QAM	19.48	-2.6	16.88	PASS
Band4	5	19975	12	#Max	16QAM	19.42	-2.6	16.82	PASS
Band4	5	19975	25	#0	16QAM	19.45	-2.6	16.85	PASS
Band4	5	20175	1	#0	QPSK	20.87	-2.6	18.27	PASS
Band4	5	20175	1	#Mid	QPSK	20.82	-2.6	18.22	PASS
Band4	5	20175	1	#Max	QPSK	20.82	-2.6	18.22	PASS
Band4	5	20175	12	#0	QPSK	20.29	-2.6	17.69	PASS
Band4	5	20175	12	#Mid	QPSK	20.23	-2.6	17.63	PASS
Band4	5	20175	12	#Max	QPSK	20.21	-2.6	17.61	PASS
Band4	5	20175	25	#0	QPSK	20.26	-2.6	17.66	PASS
Band4	5	20175	1	#0	16QAM	20.29	-2.6	17.69	PASS
Band4	5	20175	1	#Mid	16QAM	20.22	-2.6	17.62	PASS
Band4	5	20175	1	#Max	16QAM	20.22	-2.6	17.62	PASS
Band4	5	20175	12	#0	16QAM	19.22	-2.6	16.62	PASS
Band4	5	20175	12	#Mid	16QAM	19.15	-2.6	16.55	PASS
Band4	5	20175	12	#Max	16QAM	19.15	-2.6	16.55	PASS
Band4	5	20175	25	#0	16QAM	19.27	-2.6	16.67	PASS
Band4	5	20375	1	#0	QPSK	20.90	-2.6	18.30	PASS
Band4	5	20375	1	#Mid	QPSK	20.88	-2.6	18.28	PASS
Band4	5	20375	1	#Max	QPSK	20.91	-2.6	18.31	PASS
Band4	5	20375	12	#0	QPSK	20.36	-2.6	17.76	PASS
Band4	5	20375	12	#Mid	QPSK	20.40	-2.6	17.80	PASS
Band4	5	20375	12	#Max	QPSK	20.37	-2.6	17.77	PASS
Band4	5	20375	25	#0	QPSK	20.36	-2.6	17.76	PASS
Band4	5	20375	1	#0	16QAM	20.24	-2.6	17.64	PASS
Band4	5	20375	1	#Mid	16QAM	20.20	-2.6	17.60	PASS
Band4	5	20375	1	#Max	16QAM	20.26	-2.6	17.66	PASS

Band4	5	20375	12	#0	16QAM	19.39	-2.6	16.79	PASS
Band4	5	20375	12	#Mid	16QAM	19.41	-2.6	16.81	PASS
Band4	5	20375	12	#Max	16QAM	19.43	-2.6	16.83	PASS
Band4	5	20375	25	#0	16QAM	19.37	-2.6	16.77	PASS
Band4	10	20000	1	#0	QPSK	21.00	-2.6	18.40	PASS
Band4	10	20000	1	#Mid	QPSK	21.02	-2.6	18.42	PASS
Band4	10	20000	1	#Max	QPSK	20.95	-2.6	18.35	PASS
Band4	10	20000	25	#0	QPSK	20.56	-2.6	17.96	PASS
Band4	10	20000	25	#Mid	QPSK	20.49	-2.6	17.89	PASS
Band4	10	20000	25	#Max	QPSK	20.41	-2.6	17.81	PASS
Band4	10	20000	50	#0	QPSK	20.50	-2.6	17.90	PASS
Band4	10	20000	1	#0	16QAM	20.43	-2.6	17.83	PASS
Band4	10	20000	1	#Mid	16QAM	20.46	-2.6	17.86	PASS
Band4	10	20000	1	#Max	16QAM	20.37	-2.6	17.77	PASS
Band4	10	20000	25	#0	16QAM	19.59	-2.6	16.99	PASS
Band4	10	20000	25	#Mid	16QAM	19.51	-2.6	16.91	PASS
Band4	10	20000	25	#Max	16QAM	19.43	-2.6	16.83	PASS
Band4	10	20000	50	#0	16QAM	19.48	-2.6	16.88	PASS
Band4	10	20175	1	#0	QPSK	20.87	-2.6	18.27	PASS
Band4	10	20175	1	#Mid	QPSK	20.77	-2.6	18.17	PASS
Band4	10	20175	1	#Max	QPSK	20.71	-2.6	18.11	PASS
Band4	10	20175	25	#0	QPSK	20.30	-2.6	17.70	PASS
Band4	10	20175	25	#Mid	QPSK	20.23	-2.6	17.63	PASS
Band4	10	20175	25	#Max	QPSK	20.27	-2.6	17.67	PASS
Band4	10	20175	50	#0	QPSK	20.29	-2.6	17.69	PASS
Band4	10	20175	1	#0	16QAM	20.02	-2.6	17.42	PASS
Band4	10	20175	1	#Mid	16QAM	19.96	-2.6	17.36	PASS
Band4	10	20175	1	#Max	16QAM	19.89	-2.6	17.29	PASS
Band4	10	20175	25	#0	16QAM	19.27	-2.6	16.67	PASS
Band4	10	20175	25	#Mid	16QAM	19.23	-2.6	16.63	PASS
Band4	10	20175	25	#Max	16QAM	19.27	-2.6	16.67	PASS
Band4	10	20175	50	#0	16QAM	19.30	-2.6	16.70	PASS
Band4	10	20350	1	#0	QPSK	20.78	-2.6	18.18	PASS
Band4	10	20350	1	#Mid	QPSK	20.92	-2.6	18.32	PASS
Band4	10	20350	1	#Max	QPSK	20.90	-2.6	18.30	PASS
Band4	10	20350	25	#0	QPSK	20.30	-2.6	17.70	PASS
Band4	10	20350	25	#Mid	QPSK	20.37	-2.6	17.77	PASS
Band4	10	20350	25	#Max	QPSK	20.44	-2.6	17.84	PASS
Band4	10	20350	50	#0	QPSK	20.33	-2.6	17.73	PASS
Band4	10	20350	1	#0	16QAM	19.68	-2.6	17.08	PASS
Band4	10	20350	1	#Mid	16QAM	19.75	-2.6	17.15	PASS
Band4	10	20350	1	#Max	16QAM	19.78	-2.6	17.18	PASS
Band4	10	20350	25	#0	16QAM	19.27	-2.6	16.67	PASS

Band4	10	20350	25	#Mid	16QAM	19.35	-2.6	16.75	PASS
Band4	10	20350	25	#Max	16QAM	19.43	-2.6	16.83	PASS
Band4	10	20350	50	#0	16QAM	19.32	-2.6	16.72	PASS
Band4	15	20025	1	#0	QPSK	20.89	-2.6	18.29	PASS
Band4	15	20025	1	#Mid	QPSK	20.99	-2.6	18.39	PASS
Band4	15	20025	1	#Max	QPSK	20.80	-2.6	18.20	PASS
Band4	15	20025	36	#0	QPSK	20.49	-2.6	17.89	PASS
Band4	15	20025	36	#Mid	QPSK	20.46	-2.6	17.86	PASS
Band4	15	20025	36	#Max	QPSK	20.37	-2.6	17.77	PASS
Band4	15	20025	75	#0	QPSK	20.45	-2.6	17.85	PASS
Band4	15	20025	1	#0	16QAM	20.13	-2.6	17.53	PASS
Band4	15	20025	1	#Mid	16QAM	20.16	-2.6	17.56	PASS
Band4	15	20025	1	#Max	16QAM	20.01	-2.6	17.41	PASS
Band4	15	20025	36	#0	16QAM	19.57	-2.6	16.97	PASS
Band4	15	20025	36	#Mid	16QAM	19.53	-2.6	16.93	PASS
Band4	15	20025	36	#Max	16QAM	19.46	-2.6	16.86	PASS
Band4	15	20025	75	#0	16QAM	19.46	-2.6	16.86	PASS
Band4	15	20175	1	#0	QPSK	20.90	-2.6	18.30	PASS
Band4	15	20175	1	#Mid	QPSK	20.82	-2.6	18.22	PASS
Band4	15	20175	1	#Max	QPSK	20.70	-2.6	18.10	PASS
Band4	15	20175	36	#0	QPSK	20.26	-2.6	17.66	PASS
Band4	15	20175	36	#Mid	QPSK	20.22	-2.6	17.62	PASS
Band4	15	20175	36	#Max	QPSK	20.21	-2.6	17.61	PASS
Band4	15	20175	75	#0	QPSK	20.24	-2.6	17.64	PASS
Band4	15	20175	1	#0	16QAM	19.98	-2.6	17.38	PASS
Band4	15	20175	1	#Mid	16QAM	19.94	-2.6	17.34	PASS
Band4	15	20175	1	#Max	16QAM	19.74	-2.6	17.14	PASS
Band4	15	20175	36	#0	16QAM	19.25	-2.6	16.65	PASS
Band4	15	20175	36	#Mid	16QAM	19.23	-2.6	16.63	PASS
Band4	15	20175	36	#Max	16QAM	19.21	-2.6	16.61	PASS
Band4	15	20175	75	#0	16QAM	19.24	-2.6	16.64	PASS
Band4	15	20325	1	#0	QPSK	20.69	-2.6	18.09	PASS
Band4	15	20325	1	#Mid	QPSK	20.87	-2.6	18.27	PASS
Band4	15	20325	1	#Max	QPSK	20.82	-2.6	18.22	PASS
Band4	15	20325	36	#0	QPSK	20.15	-2.6	17.55	PASS
Band4	15	20325	36	#Mid	QPSK	20.24	-2.6	17.64	PASS
Band4	15	20325	36	#Max	QPSK	20.34	-2.6	17.74	PASS
Band4	15	20325	75	#0	QPSK	20.27	-2.6	17.67	PASS
Band4	15	20325	1	#0	16QAM	20.07	-2.6	17.47	PASS
Band4	15	20325	1	#Mid	16QAM	20.25	-2.6	17.65	PASS
Band4	15	20325	1	#Max	16QAM	20.24	-2.6	17.64	PASS
Band4	15	20325	36	#0	16QAM	19.21	-2.6	16.61	PASS
Band4	15	20325	36	#Mid	16QAM	19.33	-2.6	16.73	PASS

Band4	15	20325	36	#Max	16QAM	19.38	-2.6	16.78	PASS
Band4	15	20325	75	#0	16QAM	19.26	-2.6	16.66	PASS
Band4	20	20050	1	#0	QPSK	20.91	-2.6	18.31	PASS
Band4	20	20050	1	#Mid	QPSK	20.97	-2.6	18.37	PASS
Band4	20	20050	1	#Max	QPSK	20.80	-2.6	18.20	PASS
Band4	20	20050	50	#0	QPSK	20.63	-2.6	18.03	PASS
Band4	20	20050	50	#Mid	QPSK	20.48	-2.6	17.88	PASS
Band4	20	20050	50	#Max	QPSK	20.31	-2.6	17.71	PASS
Band4	20	20050	100	#0	QPSK	20.50	-2.6	17.90	PASS
Band4	20	20050	1	#0	16QAM	20.28	-2.6	17.68	PASS
Band4	20	20050	1	#Mid	16QAM	20.36	-2.6	17.76	PASS
Band4	20	20050	1	#Max	16QAM	20.19	-2.6	17.59	PASS
Band4	20	20050	50	#0	16QAM	19.65	-2.6	17.05	PASS
Band4	20	20050	50	#Mid	16QAM	19.50	-2.6	16.90	PASS
Band4	20	20050	50	#Max	16QAM	19.35	-2.6	16.75	PASS
Band4	20	20050	100	#0	16QAM	19.49	-2.6	16.89	PASS
Band4	20	20175	1	#0	QPSK	20.89	-2.6	18.29	PASS
Band4	20	20175	1	#Mid	QPSK	20.82	-2.6	18.22	PASS
Band4	20	20175	1	#Max	QPSK	20.73	-2.6	18.13	PASS
Band4	20	20175	50	#0	QPSK	20.35	-2.6	17.75	PASS
Band4	20	20175	50	#Mid	QPSK	20.31	-2.6	17.71	PASS
Band4	20	20175	50	#Max	QPSK	20.34	-2.6	17.74	PASS
Band4	20	20175	100	#0	QPSK	20.30	-2.6	17.70	PASS
Band4	20	20175	1	#0	16QAM	20.05	-2.6	17.45	PASS
Band4	20	20175	1	#Mid	16QAM	20.02	-2.6	17.42	PASS
Band4	20	20175	1	#Max	16QAM	19.90	-2.6	17.30	PASS
Band4	20	20175	50	#0	16QAM	19.30	-2.6	16.70	PASS
Band4	20	20175	50	#Mid	16QAM	19.22	-2.6	16.62	PASS
Band4	20	20175	50	#Max	16QAM	19.30	-2.6	16.70	PASS
Band4	20	20175	100	#0	16QAM	19.29	-2.6	16.69	PASS
Band4	20	20300	1	#0	QPSK	20.56	-2.6	17.96	PASS
Band4	20	20300	1	#Mid	QPSK	20.72	-2.6	18.12	PASS
Band4	20	20300	1	#Max	QPSK	20.71	-2.6	18.11	PASS
Band4	20	20300	50	#0	QPSK	20.13	-2.6	17.53	PASS
Band4	20	20300	50	#Mid	QPSK	20.31	-2.6	17.71	PASS
Band4	20	20300	50	#Max	QPSK	20.44	-2.6	17.84	PASS
Band4	20	20300	100	#0	QPSK	20.25	-2.6	17.65	PASS
Band4	20	20300	1	#0	16QAM	19.88	-2.6	17.28	PASS
Band4	20	20300	1	#Mid	16QAM	20.04	-2.6	17.44	PASS
Band4	20	20300	1	#Max	16QAM	20.03	-2.6	17.43	PASS
Band4	20	20300	50	#0	16QAM	19.14	-2.6	16.54	PASS
Band4	20	20300	50	#Mid	16QAM	19.30	-2.6	16.70	PASS
Band4	20	20300	50	#Max	16QAM	19.45	-2.6	16.85	PASS

Band4	20	20300	100	#0	16QAM	19.26	-2.6	16.66	PASS
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Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band4	1.4	19957	6	#0	QPSK	LV	NT	6.79	0.004	PASS
Band4	1.4	19957	6	#0	QPSK	NV	NT	0.34	0.000	PASS
Band4	1.4	19957	6	#0	QPSK	HV	NT	-0.92	-0.001	PASS
Band4	1.4	19957	6	#0	16QAM	LV	NT	5.94	0.003	PASS
Band4	1.4	19957	6	#0	16QAM	NV	NT	-7.91	-0.005	PASS
Band4	1.4	19957	6	#0	16QAM	HV	NT	12.60	0.007	PASS
Band4	1.4	20175	6	#0	QPSK	LV	NT	8.78	0.005	PASS
Band4	1.4	20175	6	#0	QPSK	NV	NT	-2.69	-0.002	PASS
Band4	1.4	20175	6	#0	QPSK	HV	NT	-5.21	-0.003	PASS
Band4	1.4	20175	6	#0	16QAM	LV	NT	2.52	0.001	PASS
Band4	1.4	20175	6	#0	16QAM	NV	NT	-7.04	-0.004	PASS
Band4	1.4	20175	6	#0	16QAM	HV	NT	-5.39	-0.003	PASS
Band4	1.4	20393	6	#0	QPSK	LV	NT	8.53	0.005	PASS
Band4	1.4	20393	6	#0	QPSK	NV	NT	-4.81	-0.003	PASS
Band4	1.4	20393	6	#0	QPSK	HV	NT	4.16	0.002	PASS
Band4	1.4	20393	6	#0	16QAM	LV	NT	-6.95	-0.004	PASS
Band4	1.4	20393	6	#0	16QAM	NV	NT	0.62	0.000	PASS
Band4	1.4	20393	6	#0	16QAM	HV	NT	9.03	0.005	PASS
Band4	3	19965	15	#0	QPSK	LV	NT	-5.21	-0.003	PASS
Band4	3	19965	15	#0	QPSK	NV	NT	-9.01	-0.005	PASS
Band4	3	19965	15	#0	QPSK	HV	NT	10.23	0.006	PASS
Band4	3	19965	15	#0	16QAM	LV	NT	8.51	0.005	PASS
Band4	3	19965	15	#0	16QAM	NV	NT	5.35	0.003	PASS
Band4	3	19965	15	#0	16QAM	HV	NT	5.34	0.003	PASS
Band4	3	20175	15	#0	QPSK	LV	NT	-10.33	-0.006	PASS
Band4	3	20175	15	#0	QPSK	NV	NT	-5.68	-0.003	PASS
Band4	3	20175	15	#0	QPSK	HV	NT	-12.52	-0.007	PASS
Band4	3	20175	15	#0	16QAM	LV	NT	-9.36	-0.005	PASS
Band4	3	20175	15	#0	16QAM	NV	NT	11.50	0.007	PASS
Band4	3	20175	15	#0	16QAM	HV	NT	5.66	0.003	PASS
Band4	3	20385	15	#0	QPSK	LV	NT	8.80	0.005	PASS
Band4	3	20385	15	#0	QPSK	NV	NT	-0.50	0.000	PASS
Band4	3	20385	15	#0	QPSK	HV	NT	-5.99	-0.003	PASS
Band4	3	20385	15	#0	16QAM	LV	NT	-7.61	-0.004	PASS
Band4	3	20385	15	#0	16QAM	NV	NT	9.74	0.006	PASS
Band4	3	20385	15	#0	16QAM	HV	NT	5.92	0.003	PASS
Band4	5	19975	25	#0	QPSK	LV	NT	7.71	0.005	PASS
Band4	5	19975	25	#0	QPSK	NV	NT	1.30	0.001	PASS

Band4	5	19975	25	#0	QPSK	HV	NT	7.80	0.005	PASS
Band4	5	19975	25	#0	16QAM	LV	NT	2.73	0.002	PASS
Band4	5	19975	25	#0	16QAM	NV	NT	1.77	0.001	PASS
Band4	5	19975	25	#0	16QAM	HV	NT	9.81	0.006	PASS
Band4	5	20175	25	#0	QPSK	LV	NT	-1.89	-0.001	PASS
Band4	5	20175	25	#0	QPSK	NV	NT	-10.60	-0.006	PASS
Band4	5	20175	25	#0	QPSK	HV	NT	4.66	0.003	PASS
Band4	5	20175	25	#0	16QAM	LV	NT	4.84	0.003	PASS
Band4	5	20175	25	#0	16QAM	NV	NT	-0.36	0.000	PASS
Band4	5	20175	25	#0	16QAM	HV	NT	-4.94	-0.003	PASS
Band4	5	20375	25	#0	QPSK	LV	NT	7.78	0.004	PASS
Band4	5	20375	25	#0	QPSK	NV	NT	2.86	0.002	PASS
Band4	5	20375	25	#0	QPSK	HV	NT	-0.09	0.000	PASS
Band4	5	20375	25	#0	16QAM	LV	NT	5.62	0.003	PASS
Band4	5	20375	25	#0	16QAM	NV	NT	7.37	0.004	PASS
Band4	5	20375	25	#0	16QAM	HV	NT	-0.50	0.000	PASS
Band4	10	20000	50	#0	QPSK	LV	NT	-0.94	-0.001	PASS
Band4	10	20000	50	#0	QPSK	NV	NT	-0.29	0.000	PASS
Band4	10	20000	50	#0	QPSK	HV	NT	6.62	0.004	PASS
Band4	10	20000	50	#0	16QAM	LV	NT	7.31	0.004	PASS
Band4	10	20000	50	#0	16QAM	NV	NT	11.29	0.007	PASS
Band4	10	20000	50	#0	16QAM	HV	NT	-4.73	-0.003	PASS
Band4	10	20175	50	#0	QPSK	LV	NT	1.56	0.001	PASS
Band4	10	20175	50	#0	QPSK	NV	NT	-1.44	-0.001	PASS
Band4	10	20175	50	#0	QPSK	HV	NT	2.88	0.002	PASS
Band4	10	20175	50	#0	16QAM	LV	NT	-0.14	0.000	PASS
Band4	10	20175	50	#0	16QAM	NV	NT	-4.01	-0.002	PASS
Band4	10	20175	50	#0	16QAM	HV	NT	-1.85	-0.001	PASS
Band4	10	20350	50	#0	QPSK	LV	NT	7.87	0.004	PASS
Band4	10	20350	50	#0	QPSK	NV	NT	8.93	0.005	PASS
Band4	10	20350	50	#0	QPSK	HV	NT	4.11	0.002	PASS
Band4	10	20350	50	#0	16QAM	LV	NT	6.02	0.003	PASS
Band4	10	20350	50	#0	16QAM	NV	NT	3.86	0.002	PASS
Band4	10	20350	50	#0	16QAM	HV	NT	5.38	0.003	PASS
Band4	15	20025	75	#0	QPSK	LV	NT	1.67	0.001	PASS
Band4	15	20025	75	#0	QPSK	NV	NT	2.05	0.001	PASS
Band4	15	20025	75	#0	QPSK	HV	NT	1.66	0.001	PASS
Band4	15	20025	75	#0	16QAM	LV	NT	4.56	0.003	PASS
Band4	15	20025	75	#0	16QAM	NV	NT	3.06	0.002	PASS
Band4	15	20025	75	#0	16QAM	HV	NT	4.59	0.003	PASS
Band4	15	20175	75	#0	QPSK	LV	NT	1.76	0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	NT	1.03	0.001	PASS
Band4	15	20175	75	#0	QPSK	HV	NT	2.92	0.002	PASS

Band4	15	20175	75	#0	16QAM	LV	NT	-0.83	0.000	PASS
Band4	15	20175	75	#0	16QAM	NV	NT	-0.66	0.000	PASS
Band4	15	20175	75	#0	16QAM	HV	NT	3.58	0.002	PASS
Band4	15	20325	75	#0	QPSK	LV	NT	3.93	0.002	PASS
Band4	15	20325	75	#0	QPSK	NV	NT	2.09	0.001	PASS
Band4	15	20325	75	#0	QPSK	HV	NT	4.63	0.003	PASS
Band4	15	20325	75	#0	16QAM	LV	NT	2.59	0.001	PASS
Band4	15	20325	75	#0	16QAM	NV	NT	3.71	0.002	PASS
Band4	15	20325	75	#0	16QAM	HV	NT	-0.01	0.000	PASS
Band4	20	20050	100	#0	QPSK	LV	NT	-0.43	0.000	PASS
Band4	20	20050	100	#0	QPSK	NV	NT	0.43	0.000	PASS
Band4	20	20050	100	#0	QPSK	HV	NT	3.81	0.002	PASS
Band4	20	20050	100	#0	16QAM	LV	NT	2.72	0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	NT	1.69	0.001	PASS
Band4	20	20050	100	#0	16QAM	HV	NT	4.15	0.002	PASS
Band4	20	20175	100	#0	QPSK	LV	NT	3.35	0.002	PASS
Band4	20	20175	100	#0	QPSK	NV	NT	4.38	0.003	PASS
Band4	20	20175	100	#0	QPSK	HV	NT	2.70	0.002	PASS
Band4	20	20175	100	#0	16QAM	LV	NT	2.43	0.001	PASS
Band4	20	20175	100	#0	16QAM	NV	NT	1.97	0.001	PASS
Band4	20	20175	100	#0	16QAM	HV	NT	3.15	0.002	PASS
Band4	20	20300	100	#0	QPSK	LV	NT	2.82	0.002	PASS
Band4	20	20300	100	#0	QPSK	NV	NT	-2.52	-0.001	PASS
Band4	20	20300	100	#0	QPSK	HV	NT	2.03	0.001	PASS
Band4	20	20300	100	#0	16QAM	LV	NT	1.32	0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	NT	1.40	0.001	PASS
Band4	20	20300	100	#0	16QAM	HV	NT	0.94	0.001	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band4	1.4	19957	6	#0	QPSK	NV	-30	-8.57	-0.005	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-20	1.86	0.001	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-10	-3.50	-0.002	PASS
Band4	1.4	19957	6	#0	QPSK	NV	0	-2.59	-0.002	PASS
Band4	1.4	19957	6	#0	QPSK	NV	10	1.49	0.001	PASS
Band4	1.4	19957	6	#0	QPSK	NV	20	2.40	0.001	PASS
Band4	1.4	19957	6	#0	QPSK	NV	30	2.50	0.001	PASS
Band4	1.4	19957	6	#0	QPSK	NV	40	6.54	0.004	PASS
Band4	1.4	19957	6	#0	QPSK	NV	50	6.15	0.004	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-30	3.62	0.002	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-20	2.90	0.002	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-10	1.22	0.001	PASS
Band4	1.4	19957	6	#0	16QAM	NV	0	3.45	0.002	PASS

Band4	1.4	19957	6	#0	16QAM	NV	10	1.73	0.001	PASS
Band4	1.4	19957	6	#0	16QAM	NV	20	-0.82	0.000	PASS
Band4	1.4	19957	6	#0	16QAM	NV	30	6.49	0.004	PASS
Band4	1.4	19957	6	#0	16QAM	NV	40	7.84	0.005	PASS
Band4	1.4	19957	6	#0	16QAM	NV	50	10.09	0.006	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-30	0.60	0.000	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-20	6.27	0.004	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-10	5.35	0.003	PASS
Band4	1.4	20175	6	#0	QPSK	NV	0	-9.10	-0.005	PASS
Band4	1.4	20175	6	#0	QPSK	NV	10	-7.68	-0.004	PASS
Band4	1.4	20175	6	#0	QPSK	NV	20	4.29	0.002	PASS
Band4	1.4	20175	6	#0	QPSK	NV	30	6.78	0.004	PASS
Band4	1.4	20175	6	#0	QPSK	NV	40	2.60	0.002	PASS
Band4	1.4	20175	6	#0	QPSK	NV	50	-6.15	-0.004	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-30	-1.43	-0.001	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-20	5.12	0.003	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-10	-5.44	-0.003	PASS
Band4	1.4	20175	6	#0	16QAM	NV	0	4.05	0.002	PASS
Band4	1.4	20175	6	#0	16QAM	NV	10	-1.32	-0.001	PASS
Band4	1.4	20175	6	#0	16QAM	NV	20	-5.66	-0.003	PASS
Band4	1.4	20175	6	#0	16QAM	NV	30	-6.48	-0.004	PASS
Band4	1.4	20175	6	#0	16QAM	NV	40	10.86	0.006	PASS
Band4	1.4	20175	6	#0	16QAM	NV	50	-8.05	-0.005	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-30	-6.71	-0.004	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-20	-5.32	-0.003	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-10	2.76	0.002	PASS
Band4	1.4	20393	6	#0	QPSK	NV	0	2.70	0.002	PASS
Band4	1.4	20393	6	#0	QPSK	NV	10	-6.39	-0.004	PASS
Band4	1.4	20393	6	#0	QPSK	NV	20	-8.43	-0.005	PASS
Band4	1.4	20393	6	#0	QPSK	NV	30	2.25	0.001	PASS
Band4	1.4	20393	6	#0	QPSK	NV	40	2.27	0.001	PASS
Band4	1.4	20393	6	#0	QPSK	NV	50	-6.24	-0.004	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-30	0.96	0.001	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-20	5.97	0.003	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-10	1.24	0.001	PASS
Band4	1.4	20393	6	#0	16QAM	NV	0	5.12	0.003	PASS
Band4	1.4	20393	6	#0	16QAM	NV	10	-3.99	-0.002	PASS
Band4	1.4	20393	6	#0	16QAM	NV	20	1.30	0.001	PASS
Band4	1.4	20393	6	#0	16QAM	NV	30	-5.35	-0.003	PASS
Band4	1.4	20393	6	#0	16QAM	NV	40	-6.15	-0.004	PASS
Band4	1.4	20393	6	#0	16QAM	NV	50	5.39	0.003	PASS
Band4	3	19965	15	#0	QPSK	NV	-30	-0.46	0.000	PASS
Band4	3	19965	15	#0	QPSK	NV	-20	0.76	0.000	PASS

Band4	3	19965	15	#0	QPSK	NV	-10	-1.87	-0.001	PASS
Band4	3	19965	15	#0	QPSK	NV	0	-2.27	-0.001	PASS
Band4	3	19965	15	#0	QPSK	NV	10	-13.10	-0.008	PASS
Band4	3	19965	15	#0	QPSK	NV	20	-5.78	-0.003	PASS
Band4	3	19965	15	#0	QPSK	NV	30	-7.41	-0.004	PASS
Band4	3	19965	15	#0	QPSK	NV	40	4.02	0.002	PASS
Band4	3	19965	15	#0	QPSK	NV	50	4.46	0.003	PASS
Band4	3	19965	15	#0	16QAM	NV	-30	-4.11	-0.002	PASS
Band4	3	19965	15	#0	16QAM	NV	-20	8.65	0.005	PASS
Band4	3	19965	15	#0	16QAM	NV	-10	-3.56	-0.002	PASS
Band4	3	19965	15	#0	16QAM	NV	0	8.88	0.005	PASS
Band4	3	19965	15	#0	16QAM	NV	10	10.49	0.006	PASS
Band4	3	19965	15	#0	16QAM	NV	20	3.13	0.002	PASS
Band4	3	19965	15	#0	16QAM	NV	30	7.61	0.004	PASS
Band4	3	19965	15	#0	16QAM	NV	40	0.59	0.000	PASS
Band4	3	19965	15	#0	16QAM	NV	50	4.55	0.003	PASS
Band4	3	20175	15	#0	QPSK	NV	-30	-0.44	0.000	PASS
Band4	3	20175	15	#0	QPSK	NV	-20	7.40	0.004	PASS
Band4	3	20175	15	#0	QPSK	NV	-10	9.10	0.005	PASS
Band4	3	20175	15	#0	QPSK	NV	0	9.70	0.006	PASS
Band4	3	20175	15	#0	QPSK	NV	10	2.86	0.002	PASS
Band4	3	20175	15	#0	QPSK	NV	20	4.86	0.003	PASS
Band4	3	20175	15	#0	QPSK	NV	30	8.41	0.005	PASS
Band4	3	20175	15	#0	QPSK	NV	40	6.69	0.004	PASS
Band4	3	20175	15	#0	QPSK	NV	50	-0.43	0.000	PASS
Band4	3	20175	15	#0	16QAM	NV	-30	13.12	0.008	PASS
Band4	3	20175	15	#0	16QAM	NV	-20	6.88	0.004	PASS
Band4	3	20175	15	#0	16QAM	NV	-10	-1.96	-0.001	PASS
Band4	3	20175	15	#0	16QAM	NV	0	9.77	0.006	PASS
Band4	3	20175	15	#0	16QAM	NV	10	10.00	0.006	PASS
Band4	3	20175	15	#0	16QAM	NV	20	-3.09	-0.002	PASS
Band4	3	20175	15	#0	16QAM	NV	30	7.77	0.004	PASS
Band4	3	20175	15	#0	16QAM	NV	40	5.18	0.003	PASS
Band4	3	20175	15	#0	16QAM	NV	50	-4.41	-0.003	PASS
Band4	3	20385	15	#0	QPSK	NV	-30	6.97	0.004	PASS
Band4	3	20385	15	#0	QPSK	NV	-20	9.91	0.006	PASS
Band4	3	20385	15	#0	QPSK	NV	-10	-1.92	-0.001	PASS
Band4	3	20385	15	#0	QPSK	NV	0	3.02	0.002	PASS
Band4	3	20385	15	#0	QPSK	NV	10	3.23	0.002	PASS
Band4	3	20385	15	#0	QPSK	NV	20	-11.10	-0.006	PASS
Band4	3	20385	15	#0	QPSK	NV	30	-3.38	-0.002	PASS
Band4	3	20385	15	#0	QPSK	NV	40	-6.09	-0.003	PASS
Band4	3	20385	15	#0	QPSK	NV	50	8.57	0.005	PASS

Band4	3	20385	15	#0	16QAM	NV	-30	-6.34	-0.004	PASS
Band4	3	20385	15	#0	16QAM	NV	-20	4.66	0.003	PASS
Band4	3	20385	15	#0	16QAM	NV	-10	6.35	0.004	PASS
Band4	3	20385	15	#0	16QAM	NV	0	9.23	0.005	PASS
Band4	3	20385	15	#0	16QAM	NV	10	2.63	0.001	PASS
Band4	3	20385	15	#0	16QAM	NV	20	6.25	0.004	PASS
Band4	3	20385	15	#0	16QAM	NV	30	0.97	0.001	PASS
Band4	3	20385	15	#0	16QAM	NV	40	0.53	0.000	PASS
Band4	3	20385	15	#0	16QAM	NV	50	4.81	0.003	PASS
Band4	5	19975	25	#0	QPSK	NV	-30	-4.43	-0.003	PASS
Band4	5	19975	25	#0	QPSK	NV	-20	2.98	0.002	PASS
Band4	5	19975	25	#0	QPSK	NV	-10	1.06	0.001	PASS
Band4	5	19975	25	#0	QPSK	NV	0	8.51	0.005	PASS
Band4	5	19975	25	#0	QPSK	NV	10	4.23	0.002	PASS
Band4	5	19975	25	#0	QPSK	NV	20	7.93	0.005	PASS
Band4	5	19975	25	#0	QPSK	NV	30	1.36	0.001	PASS
Band4	5	19975	25	#0	QPSK	NV	40	2.37	0.001	PASS
Band4	5	19975	25	#0	QPSK	NV	50	5.31	0.003	PASS
Band4	5	19975	25	#0	16QAM	NV	-30	12.63	0.007	PASS
Band4	5	19975	25	#0	16QAM	NV	-20	-0.10	0.000	PASS
Band4	5	19975	25	#0	16QAM	NV	-10	-0.63	0.000	PASS
Band4	5	19975	25	#0	16QAM	NV	0	1.14	0.001	PASS
Band4	5	19975	25	#0	16QAM	NV	10	-0.83	0.000	PASS
Band4	5	19975	25	#0	16QAM	NV	20	10.90	0.006	PASS
Band4	5	19975	25	#0	16QAM	NV	30	7.98	0.005	PASS
Band4	5	19975	25	#0	16QAM	NV	40	10.81	0.006	PASS
Band4	5	19975	25	#0	16QAM	NV	50	11.00	0.006	PASS
Band4	5	20175	25	#0	QPSK	NV	-30	-4.48	-0.003	PASS
Band4	5	20175	25	#0	QPSK	NV	-20	2.60	0.002	PASS
Band4	5	20175	25	#0	QPSK	NV	-10	6.24	0.004	PASS
Band4	5	20175	25	#0	QPSK	NV	0	0.06	0.000	PASS
Band4	5	20175	25	#0	QPSK	NV	10	3.76	0.002	PASS
Band4	5	20175	25	#0	QPSK	NV	20	6.21	0.004	PASS
Band4	5	20175	25	#0	QPSK	NV	30	1.12	0.001	PASS
Band4	5	20175	25	#0	QPSK	NV	40	2.89	0.002	PASS
Band4	5	20175	25	#0	QPSK	NV	50	6.01	0.003	PASS
Band4	5	20175	25	#0	16QAM	NV	-30	6.38	0.004	PASS
Band4	5	20175	25	#0	16QAM	NV	-20	5.89	0.003	PASS
Band4	5	20175	25	#0	16QAM	NV	-10	-2.95	-0.002	PASS
Band4	5	20175	25	#0	16QAM	NV	0	2.33	0.001	PASS
Band4	5	20175	25	#0	16QAM	NV	10	-0.60	0.000	PASS
Band4	5	20175	25	#0	16QAM	NV	20	-2.20	-0.001	PASS
Band4	5	20175	25	#0	16QAM	NV	30	2.13	0.001	PASS

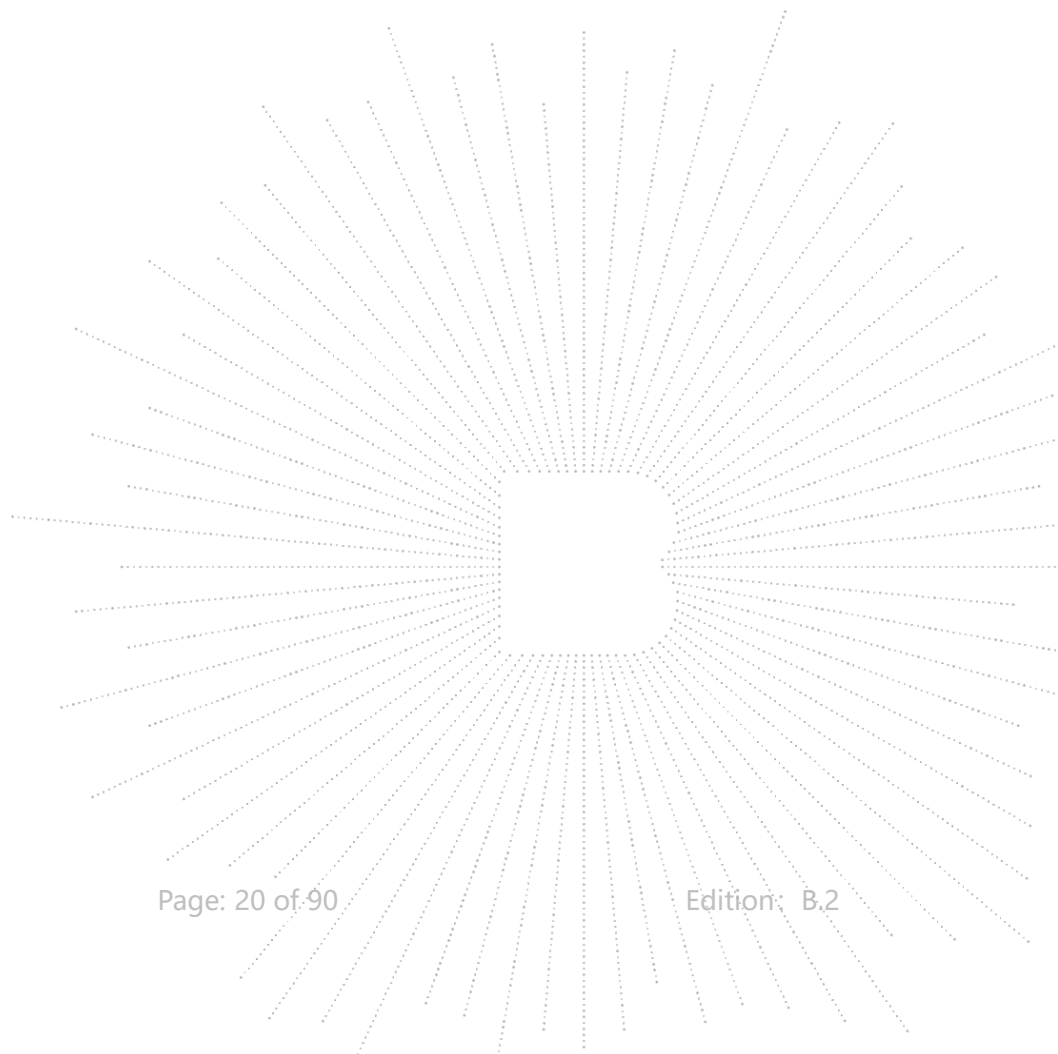
Band4	5	20175	25	#0	16QAM	NV	40	4.11	0.002	PASS
Band4	5	20175	25	#0	16QAM	NV	50	2.02	0.001	PASS
Band4	5	20375	25	#0	QPSK	NV	-30	2.42	0.001	PASS
Band4	5	20375	25	#0	QPSK	NV	-20	0.83	0.000	PASS
Band4	5	20375	25	#0	QPSK	NV	-10	6.14	0.004	PASS
Band4	5	20375	25	#0	QPSK	NV	0	-5.04	-0.003	PASS
Band4	5	20375	25	#0	QPSK	NV	10	0.49	0.000	PASS
Band4	5	20375	25	#0	QPSK	NV	20	-3.32	-0.002	PASS
Band4	5	20375	25	#0	QPSK	NV	30	3.63	0.002	PASS
Band4	5	20375	25	#0	QPSK	NV	40	-2.98	-0.002	PASS
Band4	5	20375	25	#0	QPSK	NV	50	6.08	0.003	PASS
Band4	5	20375	25	#0	16QAM	NV	-30	0.63	0.000	PASS
Band4	5	20375	25	#0	16QAM	NV	-20	-1.23	-0.001	PASS
Band4	5	20375	25	#0	16QAM	NV	-10	5.59	0.003	PASS
Band4	5	20375	25	#0	16QAM	NV	0	-1.07	-0.001	PASS
Band4	5	20375	25	#0	16QAM	NV	10	9.00	0.005	PASS
Band4	5	20375	25	#0	16QAM	NV	20	-4.98	-0.003	PASS
Band4	5	20375	25	#0	16QAM	NV	30	2.15	0.001	PASS
Band4	5	20375	25	#0	16QAM	NV	40	-5.98	-0.003	PASS
Band4	5	20375	25	#0	16QAM	NV	50	3.55	0.002	PASS
Band4	10	20000	50	#0	QPSK	NV	-30	-0.13	0.000	PASS
Band4	10	20000	50	#0	QPSK	NV	-20	5.31	0.003	PASS
Band4	10	20000	50	#0	QPSK	NV	-10	-0.26	0.000	PASS
Band4	10	20000	50	#0	QPSK	NV	0	1.52	0.001	PASS
Band4	10	20000	50	#0	QPSK	NV	10	1.29	0.001	PASS
Band4	10	20000	50	#0	QPSK	NV	20	8.37	0.005	PASS
Band4	10	20000	50	#0	QPSK	NV	30	8.65	0.005	PASS
Band4	10	20000	50	#0	QPSK	NV	40	0.16	0.000	PASS
Band4	10	20000	50	#0	QPSK	NV	50	2.66	0.002	PASS
Band4	10	20000	50	#0	16QAM	NV	-30	2.29	0.001	PASS
Band4	10	20000	50	#0	16QAM	NV	-20	4.55	0.003	PASS
Band4	10	20000	50	#0	16QAM	NV	-10	2.92	0.002	PASS
Band4	10	20000	50	#0	16QAM	NV	0	-0.72	0.000	PASS
Band4	10	20000	50	#0	16QAM	NV	10	-0.06	0.000	PASS
Band4	10	20000	50	#0	16QAM	NV	20	2.59	0.002	PASS
Band4	10	20000	50	#0	16QAM	NV	30	-6.88	-0.004	PASS
Band4	10	20000	50	#0	16QAM	NV	40	2.39	0.001	PASS
Band4	10	20000	50	#0	16QAM	NV	50	4.51	0.003	PASS
Band4	10	20175	50	#0	QPSK	NV	-30	4.29	0.002	PASS
Band4	10	20175	50	#0	QPSK	NV	-20	2.55	0.001	PASS
Band4	10	20175	50	#0	QPSK	NV	-10	5.66	0.003	PASS
Band4	10	20175	50	#0	QPSK	NV	0	4.84	0.003	PASS
Band4	10	20175	50	#0	QPSK	NV	10	1.50	0.001	PASS

Band4	10	20175	50	#0	QPSK	NV	20	-0.20	0.000	PASS
Band4	10	20175	50	#0	QPSK	NV	30	1.89	0.001	PASS
Band4	10	20175	50	#0	QPSK	NV	40	-4.19	-0.002	PASS
Band4	10	20175	50	#0	QPSK	NV	50	9.61	0.006	PASS
Band4	10	20175	50	#0	16QAM	NV	-30	1.24	0.001	PASS
Band4	10	20175	50	#0	16QAM	NV	-20	-3.18	-0.002	PASS
Band4	10	20175	50	#0	16QAM	NV	-10	-2.49	-0.001	PASS
Band4	10	20175	50	#0	16QAM	NV	0	3.91	0.002	PASS
Band4	10	20175	50	#0	16QAM	NV	10	3.18	0.002	PASS
Band4	10	20175	50	#0	16QAM	NV	20	0.54	0.000	PASS
Band4	10	20175	50	#0	16QAM	NV	30	-1.99	-0.001	PASS
Band4	10	20175	50	#0	16QAM	NV	40	3.25	0.002	PASS
Band4	10	20175	50	#0	16QAM	NV	50	4.88	0.003	PASS
Band4	10	20350	50	#0	QPSK	NV	-30	-1.09	-0.001	PASS
Band4	10	20350	50	#0	QPSK	NV	-20	6.42	0.004	PASS
Band4	10	20350	50	#0	QPSK	NV	-10	1.56	0.001	PASS
Band4	10	20350	50	#0	QPSK	NV	0	1.49	0.001	PASS
Band4	10	20350	50	#0	QPSK	NV	10	-1.92	-0.001	PASS
Band4	10	20350	50	#0	QPSK	NV	20	4.03	0.002	PASS
Band4	10	20350	50	#0	QPSK	NV	30	3.25	0.002	PASS
Band4	10	20350	50	#0	QPSK	NV	40	3.82	0.002	PASS
Band4	10	20350	50	#0	QPSK	NV	50	0.51	0.000	PASS
Band4	10	20350	50	#0	16QAM	NV	-30	0.36	0.000	PASS
Band4	10	20350	50	#0	16QAM	NV	-20	0.09	0.000	PASS
Band4	10	20350	50	#0	16QAM	NV	-10	4.29	0.002	PASS
Band4	10	20350	50	#0	16QAM	NV	0	2.86	0.002	PASS
Band4	10	20350	50	#0	16QAM	NV	10	-1.73	-0.001	PASS
Band4	10	20350	50	#0	16QAM	NV	20	4.26	0.002	PASS
Band4	10	20350	50	#0	16QAM	NV	30	3.81	0.002	PASS
Band4	10	20350	50	#0	16QAM	NV	40	6.28	0.004	PASS
Band4	10	20350	50	#0	16QAM	NV	50	0.87	0.000	PASS
Band4	15	20025	75	#0	QPSK	NV	-30	-3.33	-0.002	PASS
Band4	15	20025	75	#0	QPSK	NV	-20	-1.04	-0.001	PASS
Band4	15	20025	75	#0	QPSK	NV	-10	1.89	0.001	PASS
Band4	15	20025	75	#0	QPSK	NV	0	2.20	0.001	PASS
Band4	15	20025	75	#0	QPSK	NV	10	3.63	0.002	PASS
Band4	15	20025	75	#0	QPSK	NV	20	-1.30	-0.001	PASS
Band4	15	20025	75	#0	QPSK	NV	30	2.25	0.001	PASS
Band4	15	20025	75	#0	QPSK	NV	40	1.17	0.001	PASS
Band4	15	20025	75	#0	QPSK	NV	50	2.07	0.001	PASS
Band4	15	20025	75	#0	16QAM	NV	-30	-0.11	0.000	PASS
Band4	15	20025	75	#0	16QAM	NV	-20	2.35	0.001	PASS
Band4	15	20025	75	#0	16QAM	NV	-10	-1.49	-0.001	PASS

Band4	15	20025	75	#0	16QAM	NV	0	3.19	0.002	PASS
Band4	15	20025	75	#0	16QAM	NV	10	2.36	0.001	PASS
Band4	15	20025	75	#0	16QAM	NV	20	2.62	0.002	PASS
Band4	15	20025	75	#0	16QAM	NV	30	3.71	0.002	PASS
Band4	15	20025	75	#0	16QAM	NV	40	5.46	0.003	PASS
Band4	15	20025	75	#0	16QAM	NV	50	-1.89	-0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	-30	1.89	0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	-20	1.65	0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	-10	0.23	0.000	PASS
Band4	15	20175	75	#0	QPSK	NV	0	5.48	0.003	PASS
Band4	15	20175	75	#0	QPSK	NV	10	5.71	0.003	PASS
Band4	15	20175	75	#0	QPSK	NV	20	3.92	0.002	PASS
Band4	15	20175	75	#0	QPSK	NV	30	2.10	0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	40	1.23	0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	50	1.26	0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	-30	2.78	0.002	PASS
Band4	15	20175	75	#0	16QAM	NV	-20	4.52	0.003	PASS
Band4	15	20175	75	#0	16QAM	NV	-10	4.32	0.002	PASS
Band4	15	20175	75	#0	16QAM	NV	0	2.46	0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	10	-0.29	0.000	PASS
Band4	15	20175	75	#0	16QAM	NV	20	2.42	0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	30	4.68	0.003	PASS
Band4	15	20175	75	#0	16QAM	NV	40	6.17	0.004	PASS
Band4	15	20175	75	#0	16QAM	NV	50	6.45	0.004	PASS
Band4	15	20325	75	#0	QPSK	NV	-30	9.61	0.005	PASS
Band4	15	20325	75	#0	QPSK	NV	-20	6.28	0.004	PASS
Band4	15	20325	75	#0	QPSK	NV	-10	6.67	0.004	PASS
Band4	15	20325	75	#0	QPSK	NV	0	7.55	0.004	PASS
Band4	15	20325	75	#0	QPSK	NV	10	5.39	0.003	PASS
Band4	15	20325	75	#0	QPSK	NV	20	6.54	0.004	PASS
Band4	15	20325	75	#0	QPSK	NV	30	11.93	0.007	PASS
Band4	15	20325	75	#0	QPSK	NV	40	3.15	0.002	PASS
Band4	15	20325	75	#0	QPSK	NV	50	6.14	0.004	PASS
Band4	15	20325	75	#0	16QAM	NV	-30	2.76	0.002	PASS
Band4	15	20325	75	#0	16QAM	NV	-20	3.43	0.002	PASS
Band4	15	20325	75	#0	16QAM	NV	-10	6.28	0.004	PASS
Band4	15	20325	75	#0	16QAM	NV	0	2.62	0.001	PASS
Band4	15	20325	75	#0	16QAM	NV	10	3.19	0.002	PASS
Band4	15	20325	75	#0	16QAM	NV	20	-2.42	-0.001	PASS
Band4	15	20325	75	#0	16QAM	NV	30	4.01	0.002	PASS
Band4	15	20325	75	#0	16QAM	NV	40	1.33	0.001	PASS
Band4	15	20325	75	#0	16QAM	NV	50	2.00	0.001	PASS
Band4	20	20050	100	#0	QPSK	NV	-30	1.44	0.001	PASS

Band4	20	20050	100	#0	QPSK	NV	-20	0.92	0.001	PASS
Band4	20	20050	100	#0	QPSK	NV	-10	3.79	0.002	PASS
Band4	20	20050	100	#0	QPSK	NV	0	1.80	0.001	PASS
Band4	20	20050	100	#0	QPSK	NV	10	1.80	0.001	PASS
Band4	20	20050	100	#0	QPSK	NV	20	2.88	0.002	PASS
Band4	20	20050	100	#0	QPSK	NV	30	3.15	0.002	PASS
Band4	20	20050	100	#0	QPSK	NV	40	-0.36	0.000	PASS
Band4	20	20050	100	#0	QPSK	NV	50	3.36	0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	-30	5.09	0.003	PASS
Band4	20	20050	100	#0	16QAM	NV	-20	4.86	0.003	PASS
Band4	20	20050	100	#0	16QAM	NV	-10	2.83	0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	0	-0.82	0.000	PASS
Band4	20	20050	100	#0	16QAM	NV	10	3.76	0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	20	0.94	0.001	PASS
Band4	20	20050	100	#0	16QAM	NV	30	2.82	0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	40	3.89	0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	50	2.00	0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	-30	1.14	0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	-20	-1.20	-0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	-10	-0.07	0.000	PASS
Band4	20	20175	100	#0	QPSK	NV	0	-0.76	0.000	PASS
Band4	20	20175	100	#0	QPSK	NV	10	1.65	0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	20	2.25	0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	30	3.36	0.002	PASS
Band4	20	20175	100	#0	QPSK	NV	40	0.69	0.000	PASS
Band4	20	20175	100	#0	QPSK	NV	50	-0.01	0.000	PASS
Band4	20	20175	100	#0	16QAM	NV	-30	2.75	0.002	PASS
Band4	20	20175	100	#0	16QAM	NV	-20	4.05	0.002	PASS
Band4	20	20175	100	#0	16QAM	NV	-10	-3.48	-0.002	PASS
Band4	20	20175	100	#0	16QAM	NV	0	-0.56	0.000	PASS
Band4	20	20175	100	#0	16QAM	NV	10	0.33	0.000	PASS
Band4	20	20175	100	#0	16QAM	NV	20	2.30	0.001	PASS
Band4	20	20175	100	#0	16QAM	NV	30	-0.93	-0.001	PASS
Band4	20	20175	100	#0	16QAM	NV	40	-3.22	-0.002	PASS
Band4	20	20175	100	#0	16QAM	NV	50	-0.09	0.000	PASS
Band4	20	20300	100	#0	QPSK	NV	-30	4.19	0.002	PASS
Band4	20	20300	100	#0	QPSK	NV	-20	2.82	0.002	PASS
Band4	20	20300	100	#0	QPSK	NV	-10	4.76	0.003	PASS
Band4	20	20300	100	#0	QPSK	NV	0	2.42	0.001	PASS
Band4	20	20300	100	#0	QPSK	NV	10	2.76	0.002	PASS
Band4	20	20300	100	#0	QPSK	NV	20	1.47	0.001	PASS
Band4	20	20300	100	#0	QPSK	NV	30	3.52	0.002	PASS
Band4	20	20300	100	#0	QPSK	NV	40	6.02	0.003	PASS

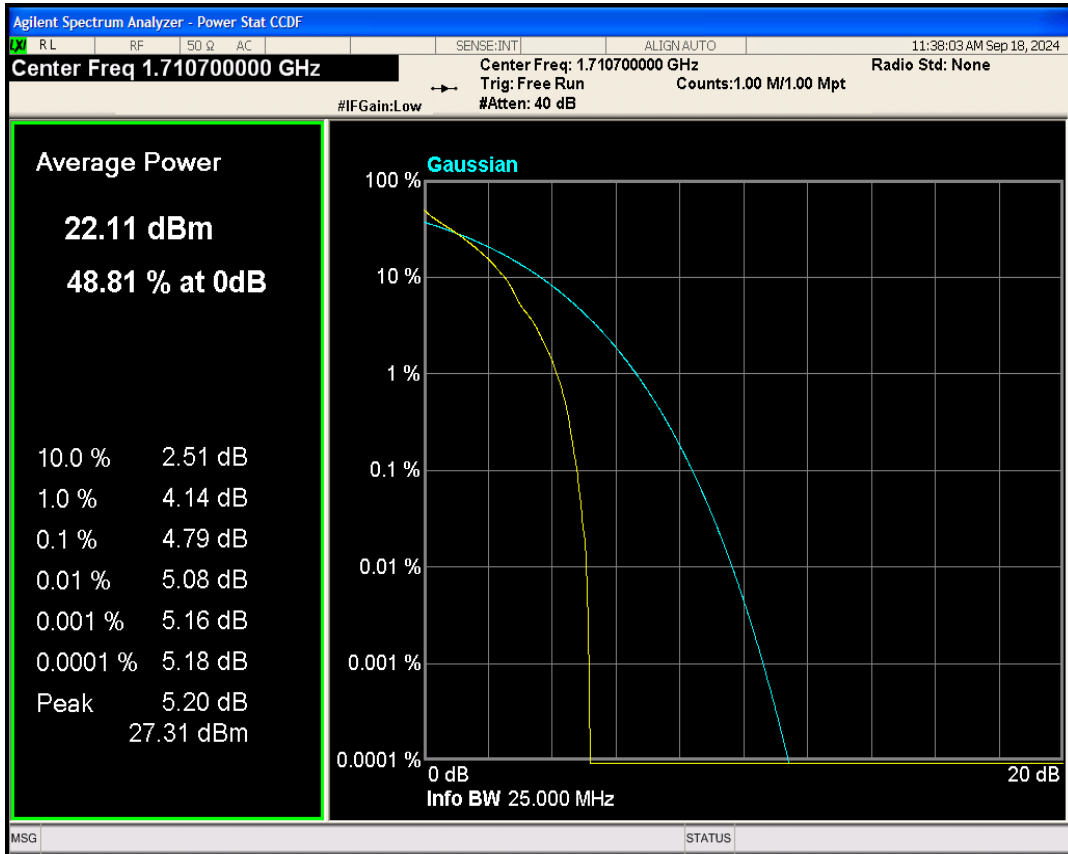
Band4	20	20300	100	#0	QPSK	NV	50	4.29	0.002	PASS
Band4	20	20300	100	#0	16QAM	NV	-30	6.91	0.004	PASS
Band4	20	20300	100	#0	16QAM	NV	-20	5.92	0.003	PASS
Band4	20	20300	100	#0	16QAM	NV	-10	2.90	0.002	PASS
Band4	20	20300	100	#0	16QAM	NV	0	0.11	0.000	PASS
Band4	20	20300	100	#0	16QAM	NV	10	-0.23	0.000	PASS
Band4	20	20300	100	#0	16QAM	NV	20	-0.63	0.000	PASS
Band4	20	20300	100	#0	16QAM	NV	30	-1.24	-0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	40	1.40	0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	50	-1.00	-0.001	PASS



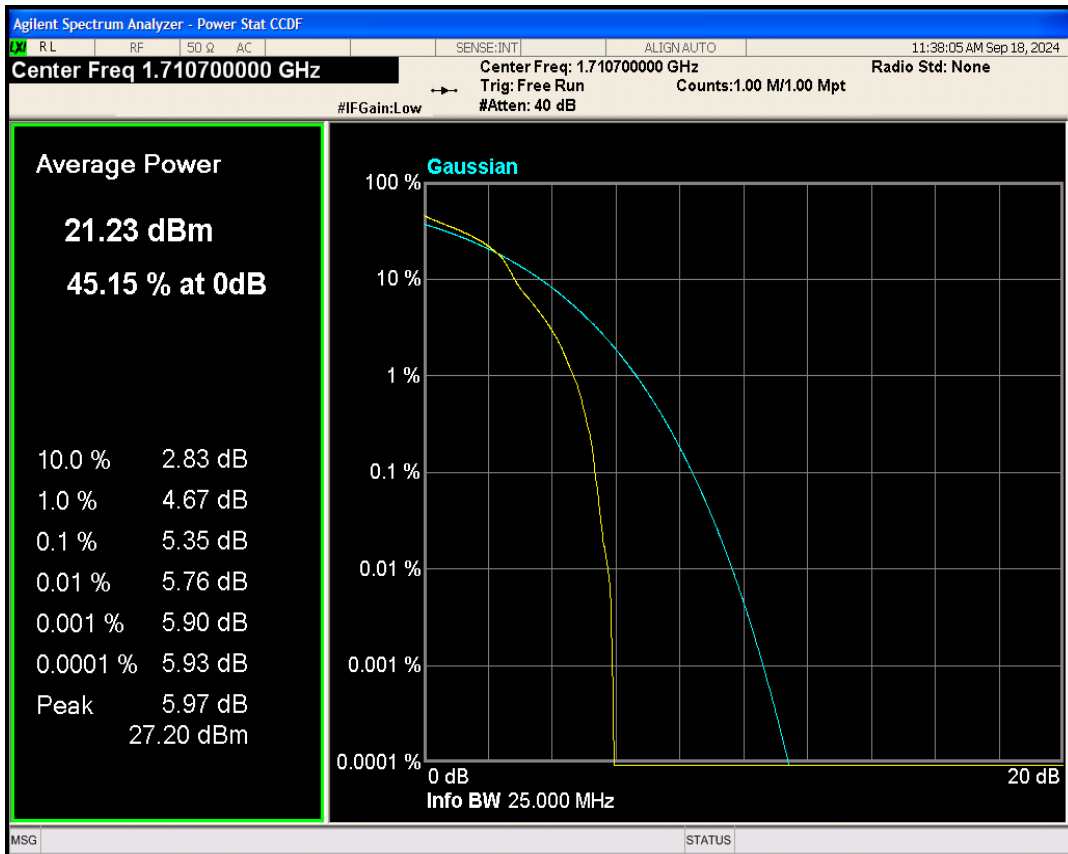
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	19957	1	#0	QPSK	4.79	13	PASS
Band4	1.4	19957	1	#0	16QAM	5.35	13	PASS
Band4	1.4	20175	1	#0	QPSK	4.83	13	PASS
Band4	1.4	20175	1	#0	16QAM	5.67	13	PASS
Band4	1.4	20393	1	#0	QPSK	4.07	13	PASS
Band4	1.4	20393	1	#0	16QAM	4.98	13	PASS
Band4	3	19965	1	#0	QPSK	4.89	13	PASS
Band4	3	19965	1	#0	16QAM	5.67	13	PASS
Band4	3	20175	1	#0	QPSK	4.73	13	PASS
Band4	3	20175	1	#0	16QAM	5.66	13	PASS
Band4	3	20385	1	#0	QPSK	3.89	13	PASS
Band4	3	20385	1	#0	16QAM	4.67	13	PASS
Band4	5	19975	1	#0	QPSK	5.05	13	PASS
Band4	5	19975	1	#0	16QAM	5.67	13	PASS
Band4	5	20175	1	#0	QPSK	4.54	13	PASS
Band4	5	20175	1	#0	16QAM	5.17	13	PASS
Band4	5	20375	1	#0	QPSK	3.88	13	PASS
Band4	5	20375	1	#0	16QAM	4.67	13	PASS
Band4	10	20000	1	#0	QPSK	4.85	13	PASS
Band4	10	20000	1	#0	16QAM	5.73	13	PASS
Band4	10	20175	1	#0	QPSK	4.49	13	PASS
Band4	10	20175	1	#0	16QAM	5.41	13	PASS
Band4	10	20350	1	#0	QPSK	4.18	13	PASS
Band4	10	20350	1	#0	16QAM	4.92	13	PASS
Band4	15	20025	1	#0	QPSK	4.90	13	PASS
Band4	15	20025	1	#0	16QAM	5.70	13	PASS
Band4	15	20175	1	#0	QPSK	4.50	13	PASS
Band4	15	20175	1	#0	16QAM	5.23	13	PASS
Band4	15	20325	1	#0	QPSK	4.63	13	PASS
Band4	15	20325	1	#0	16QAM	5.47	13	PASS
Band4	20	20050	1	#0	QPSK	4.85	13	PASS
Band4	20	20050	1	#0	16QAM	5.43	13	PASS
Band4	20	20175	1	#0	QPSK	4.66	13	PASS
Band4	20	20175	1	#0	16QAM	5.41	13	PASS
Band4	20	20300	1	#0	QPSK	4.88	13	PASS
Band4	20	20300	1	#0	16QAM	5.94	13	PASS

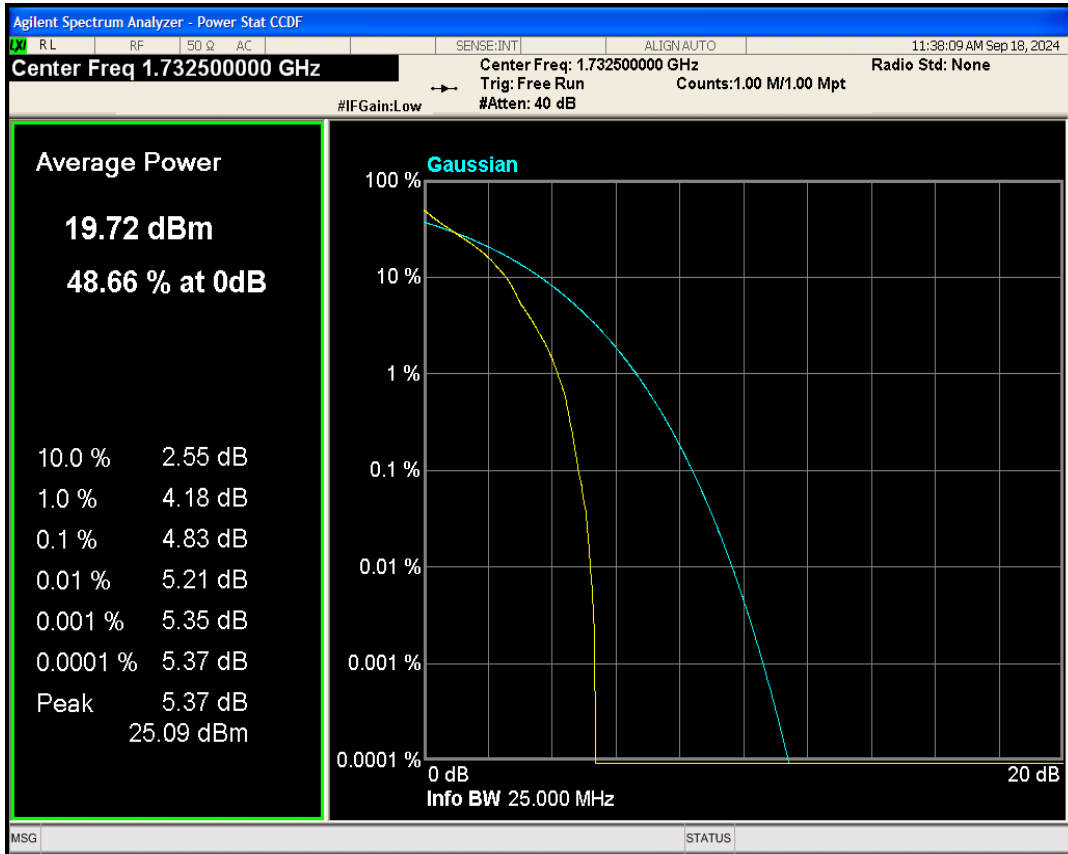
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



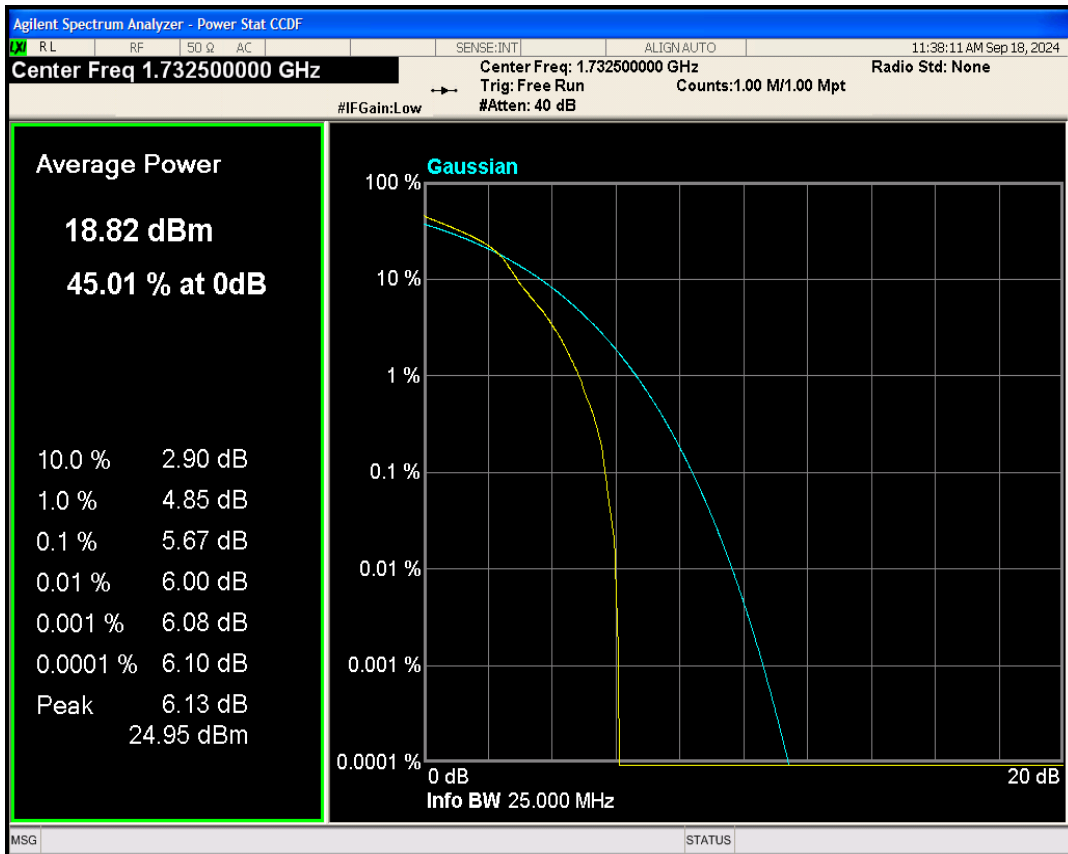
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0



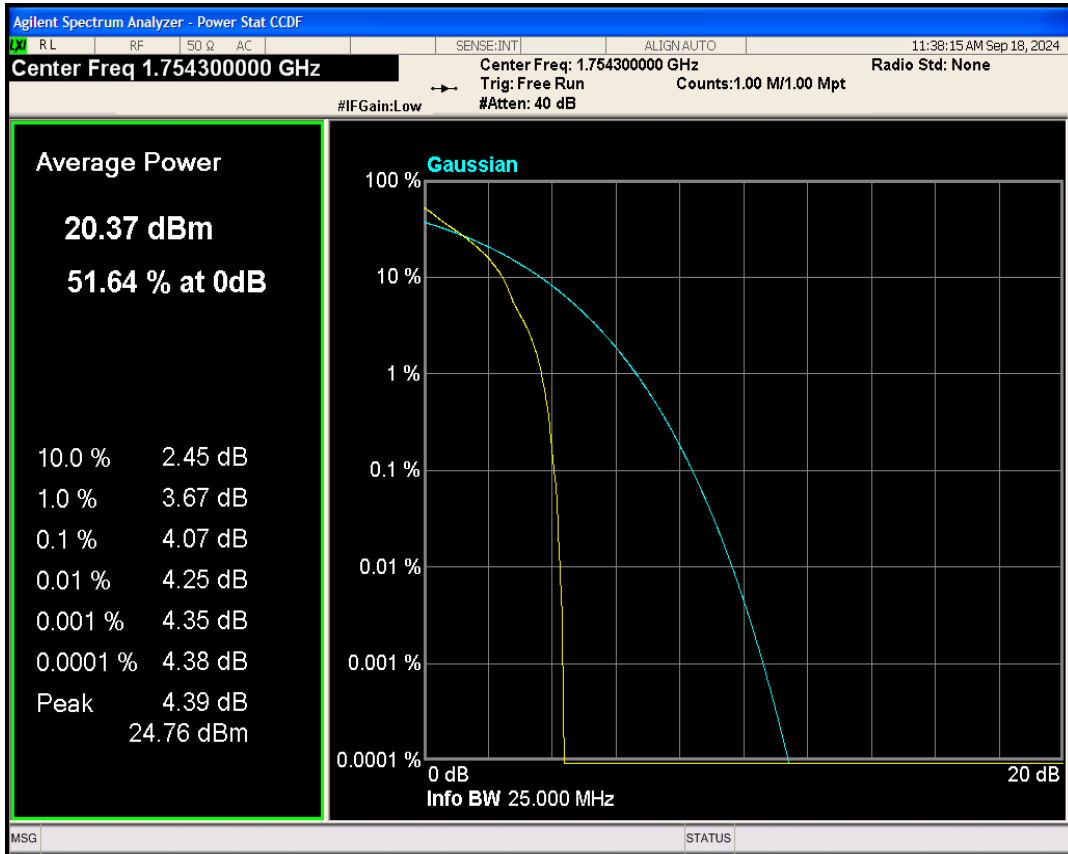
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



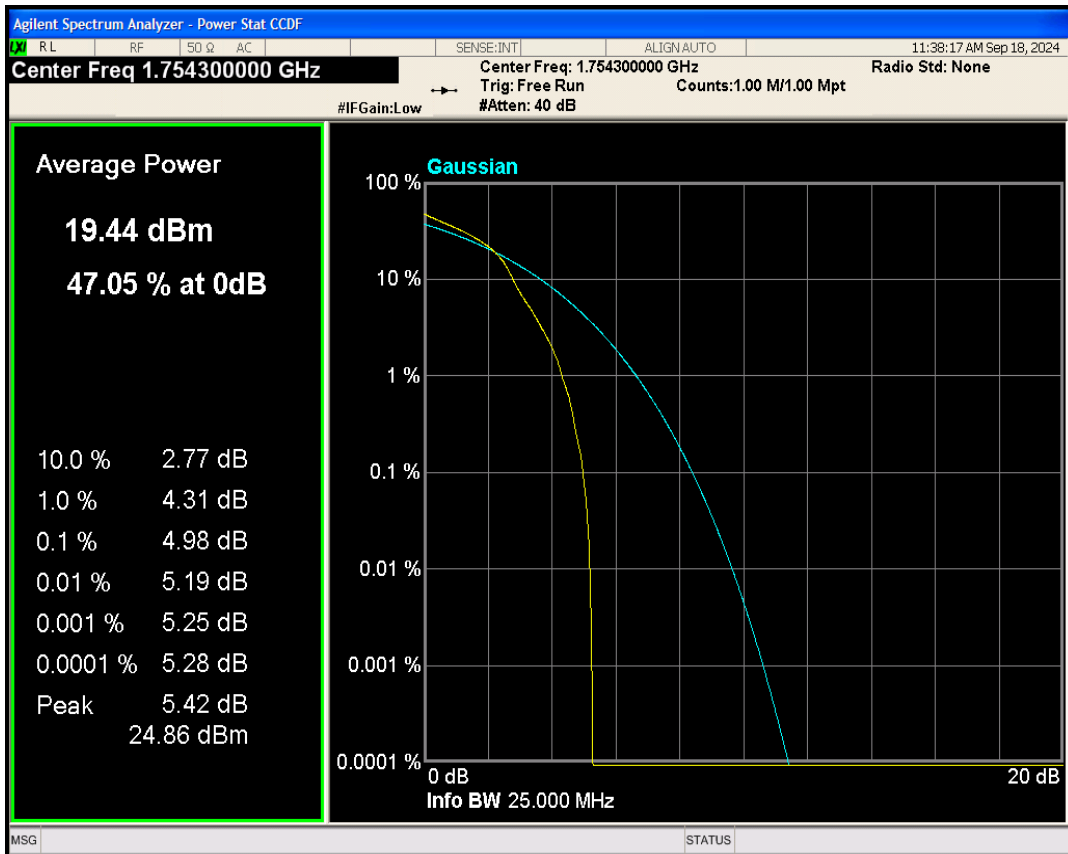
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



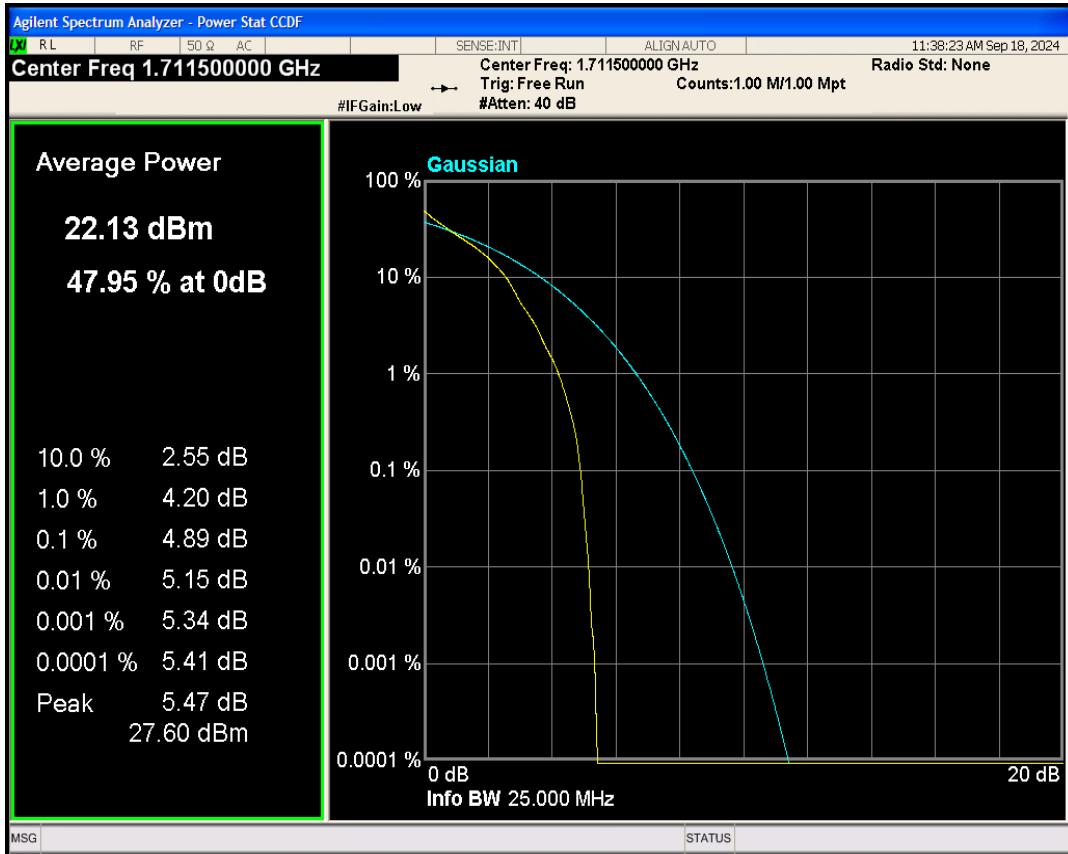
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



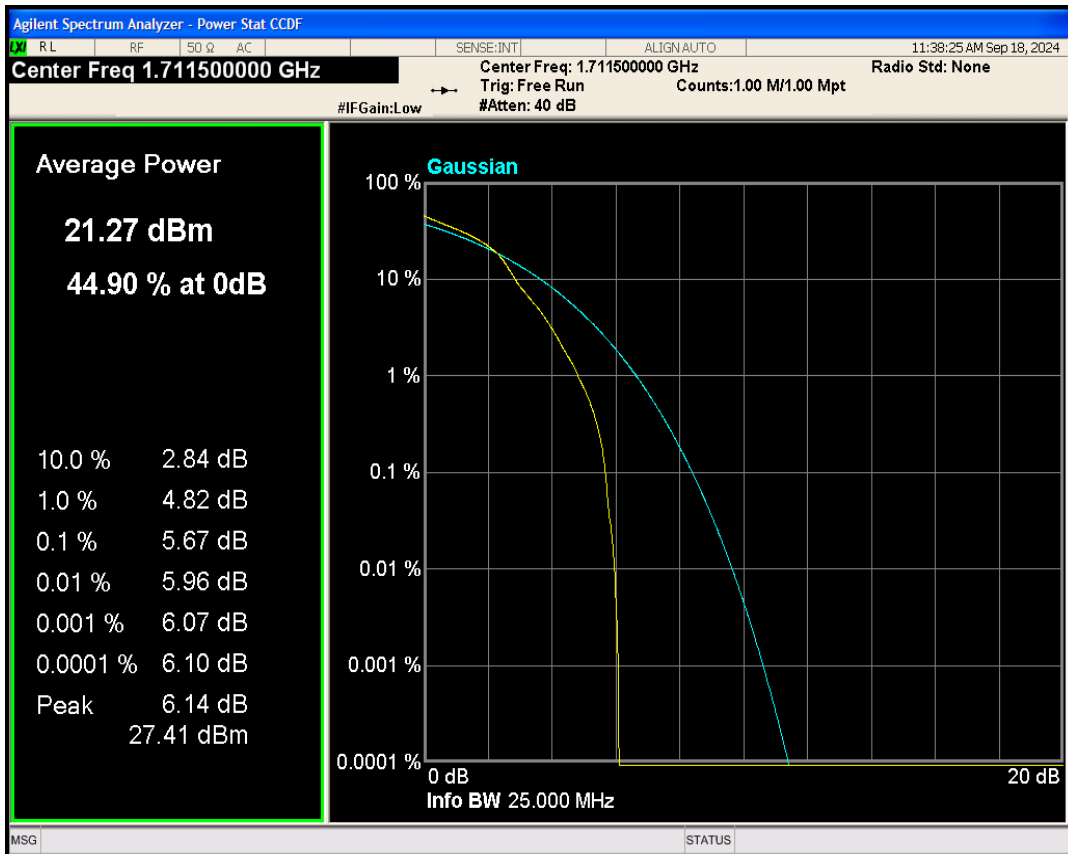
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



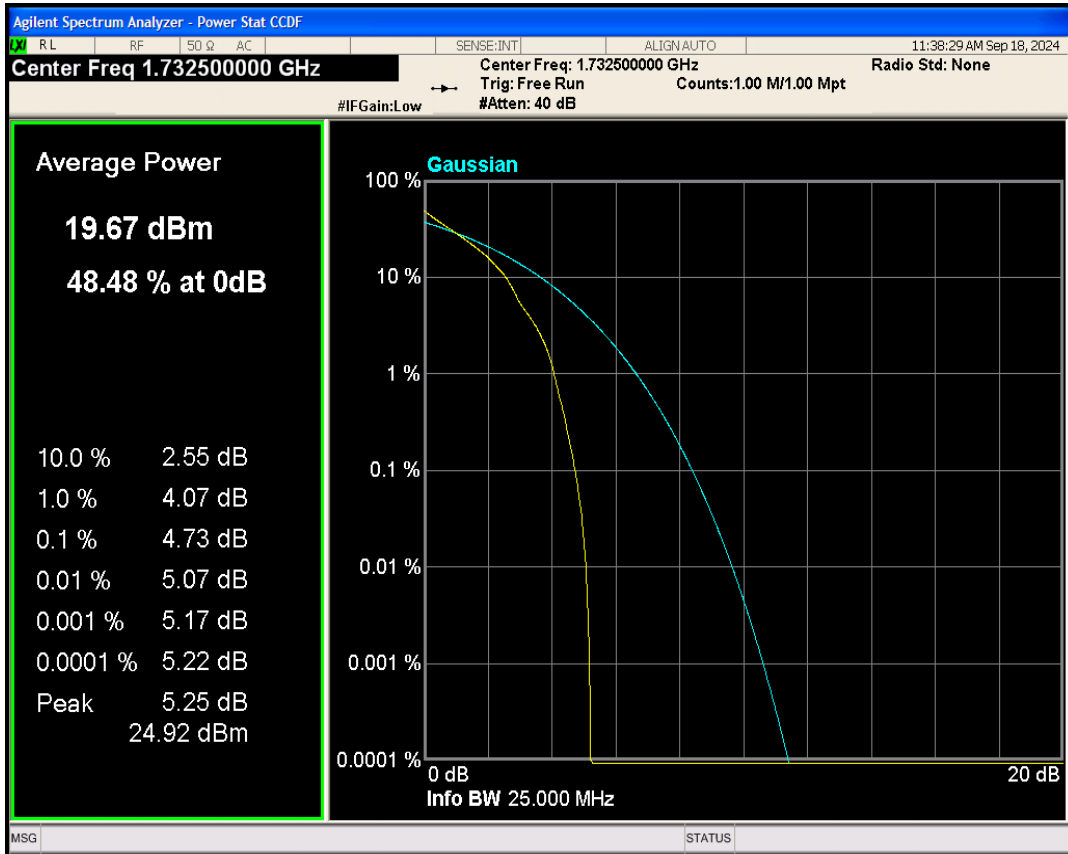
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



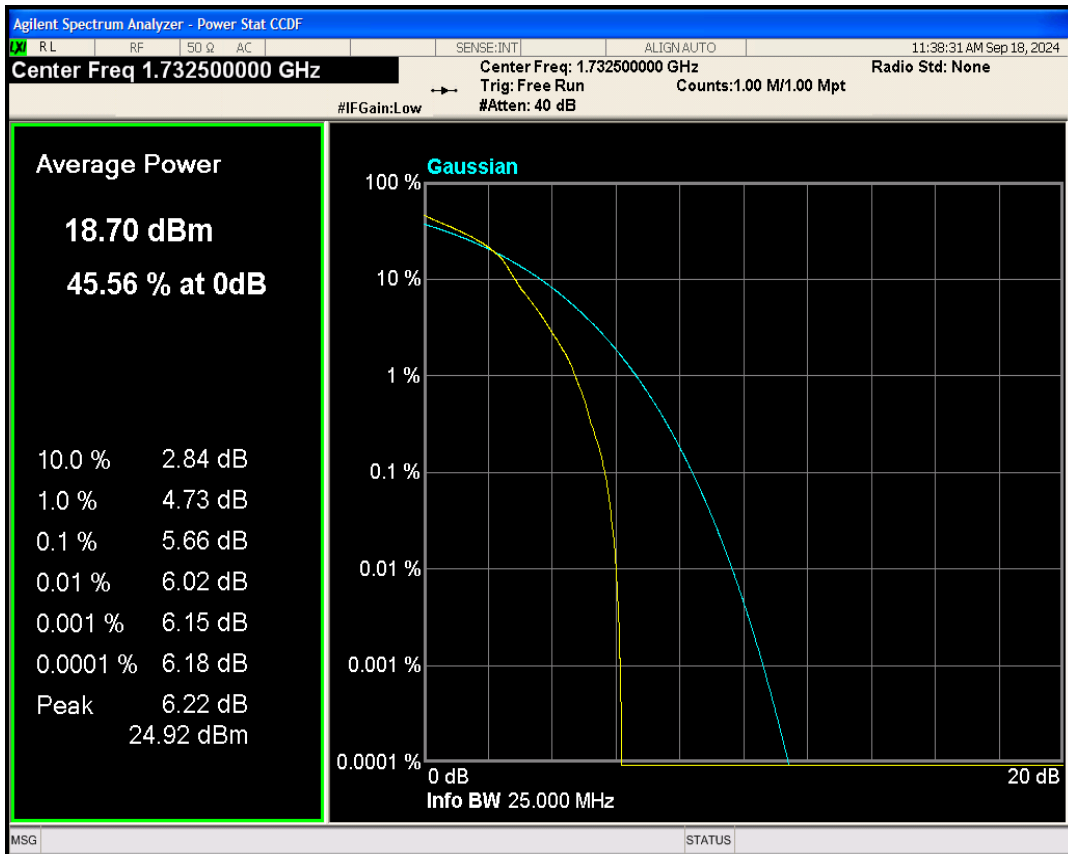
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



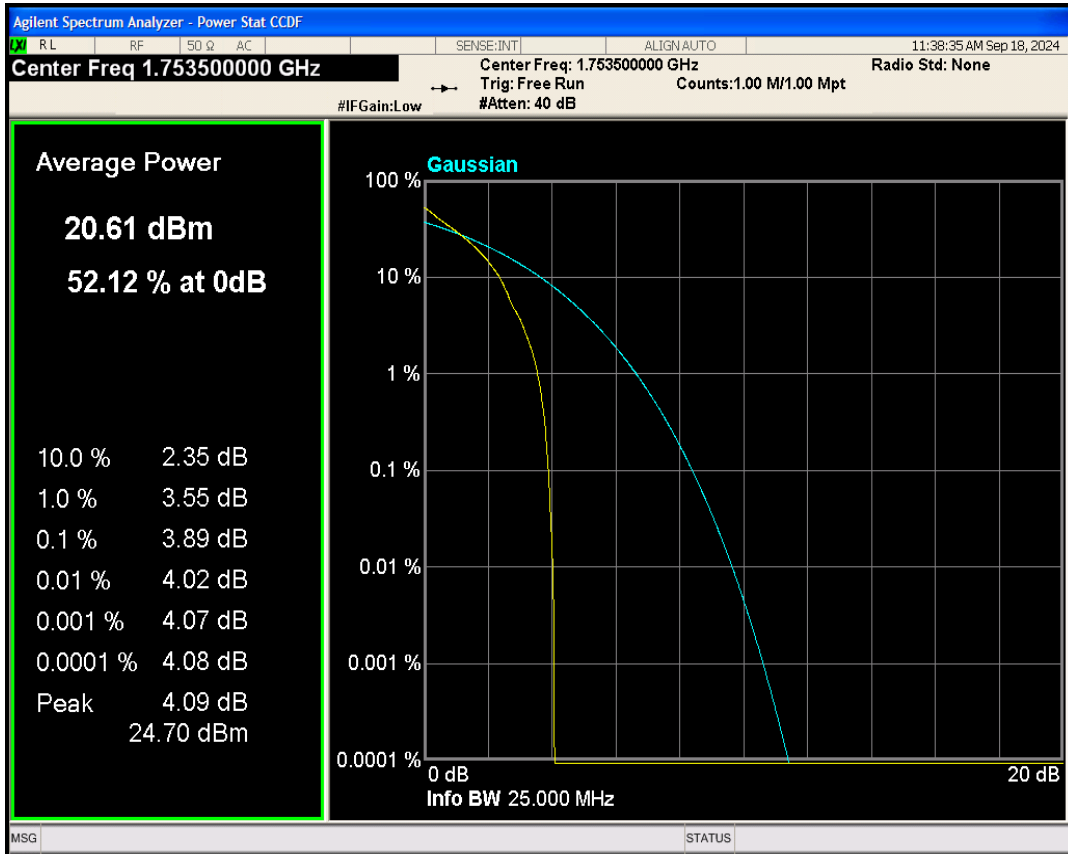
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



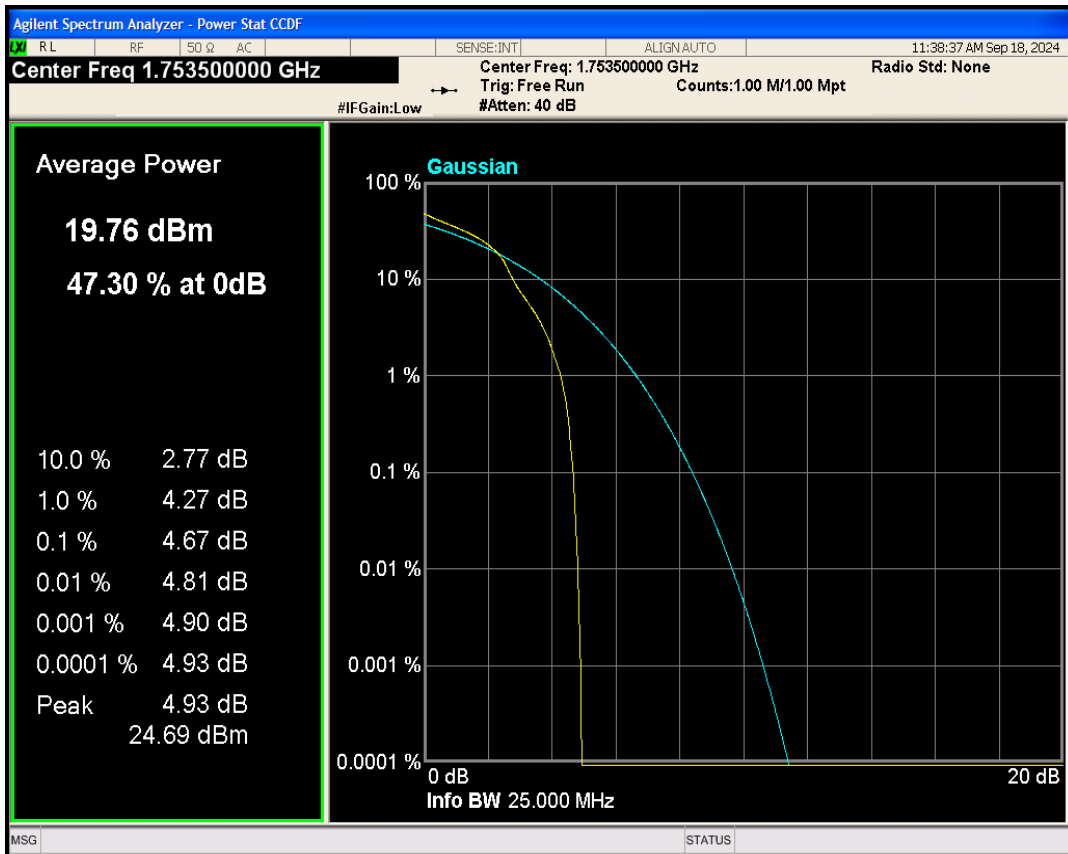
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



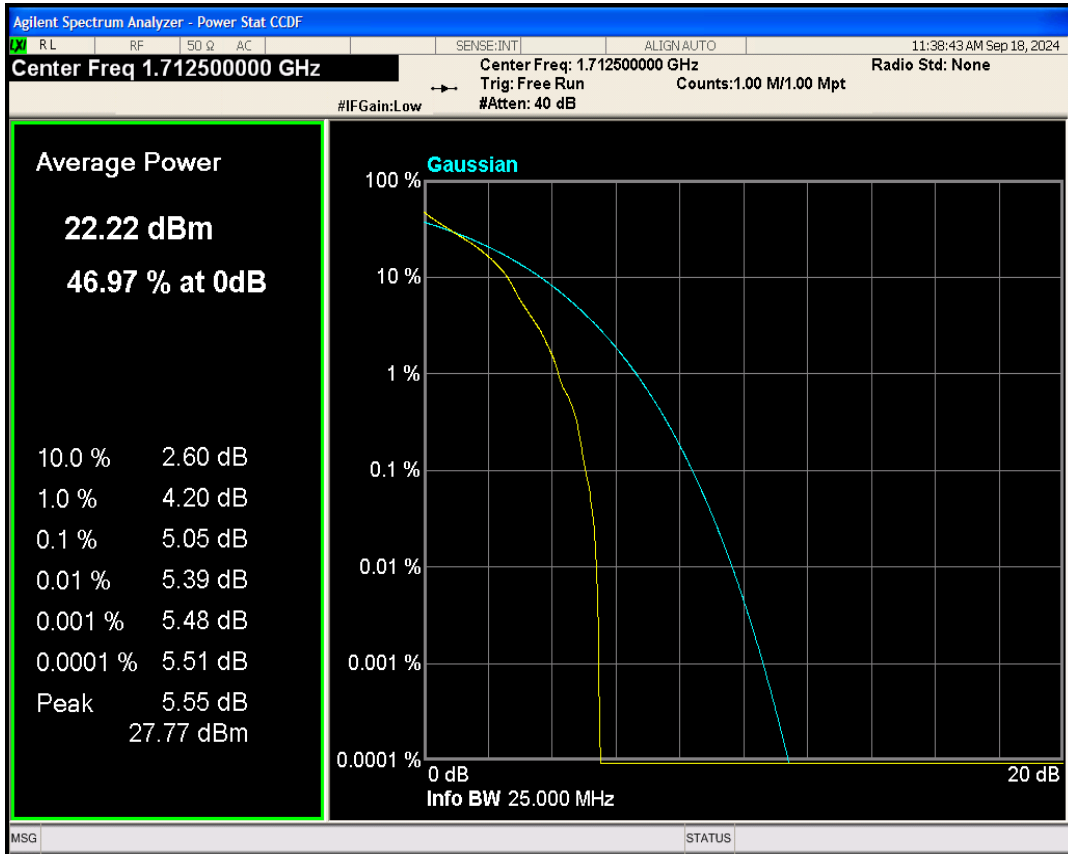
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



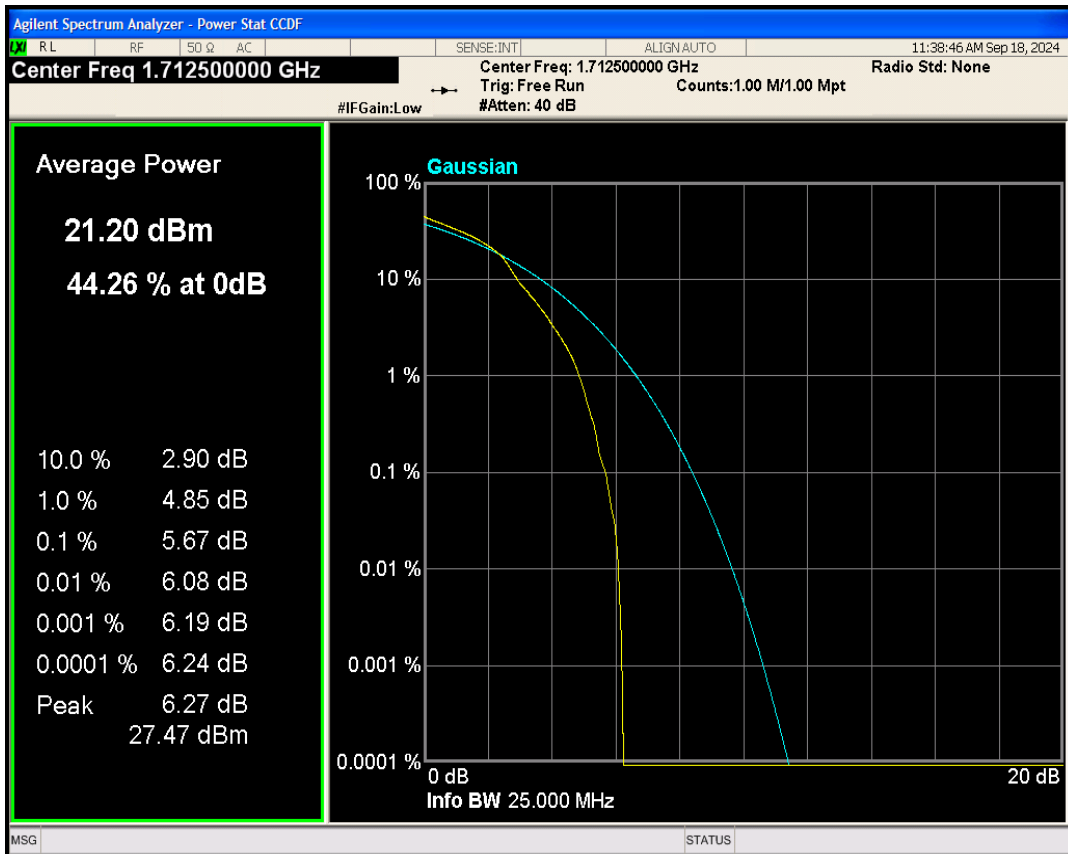
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0



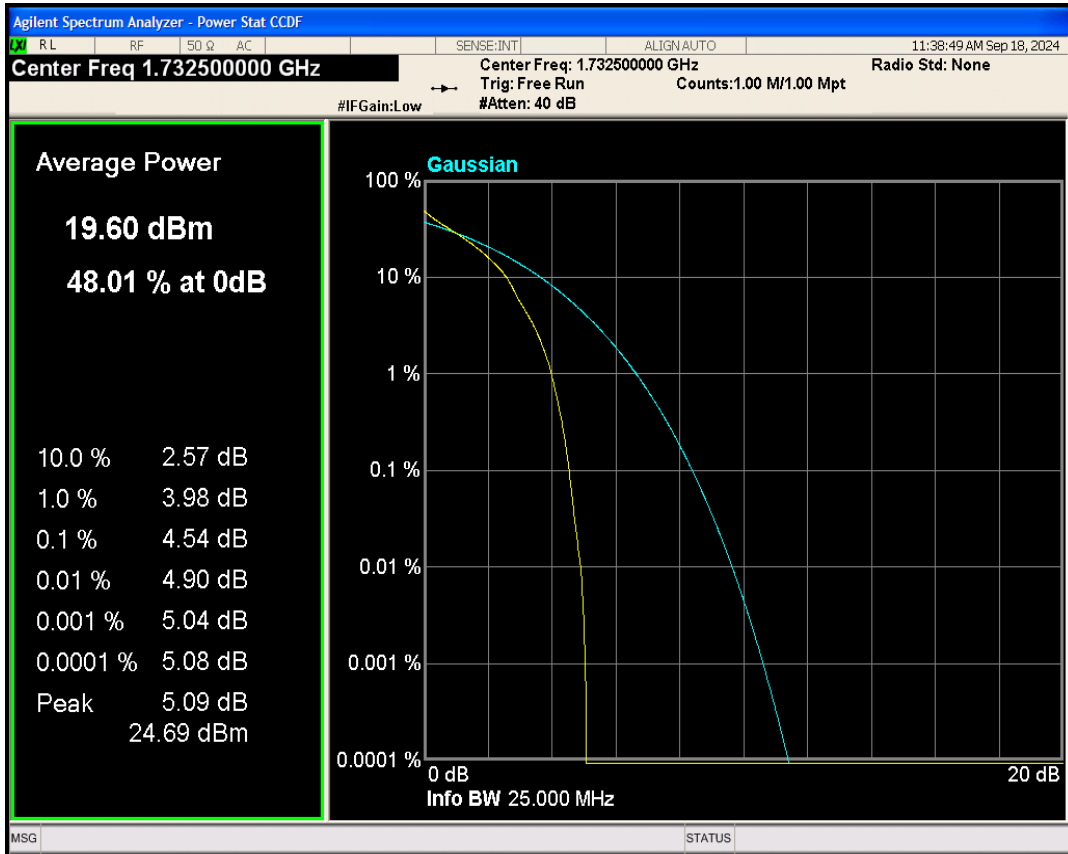
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



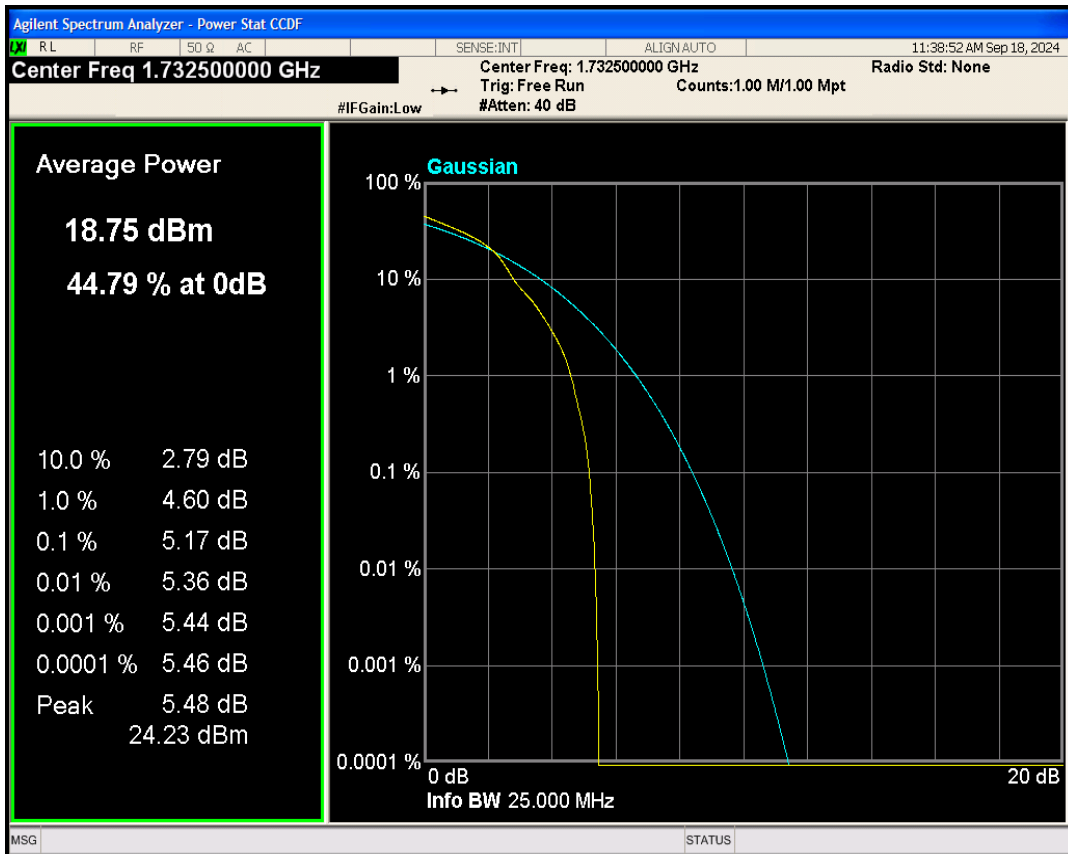
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



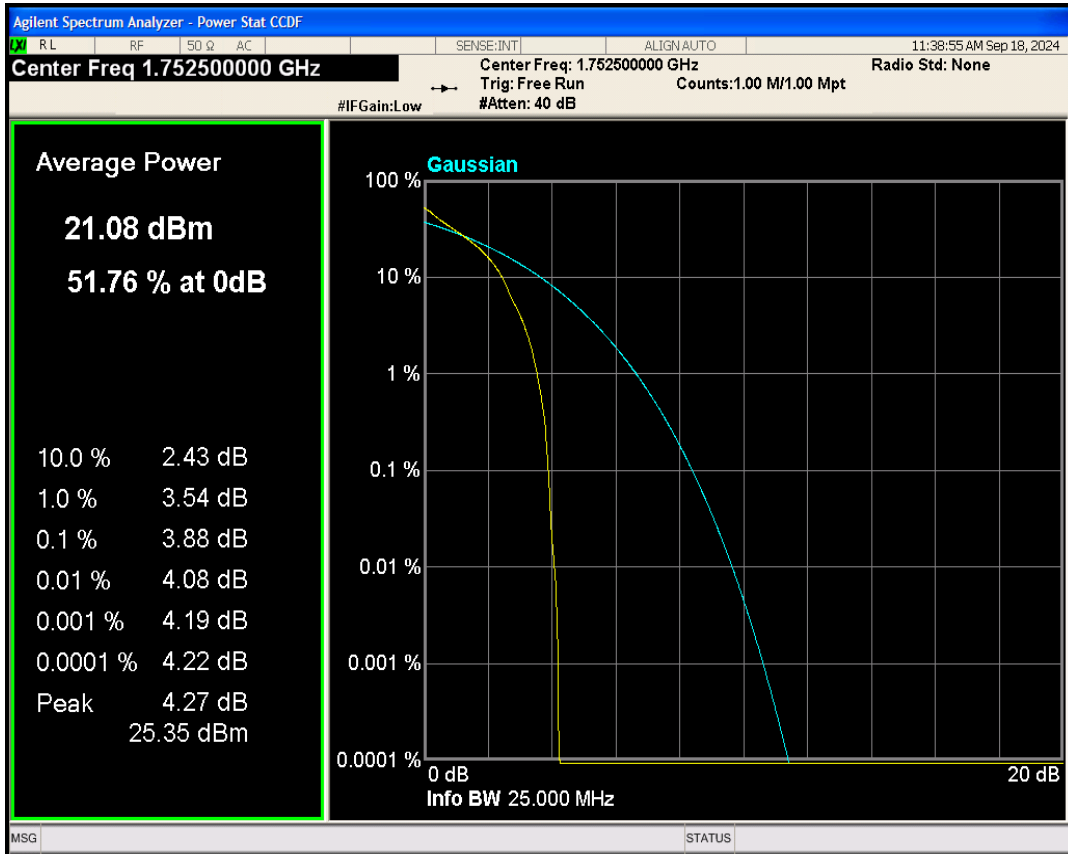
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



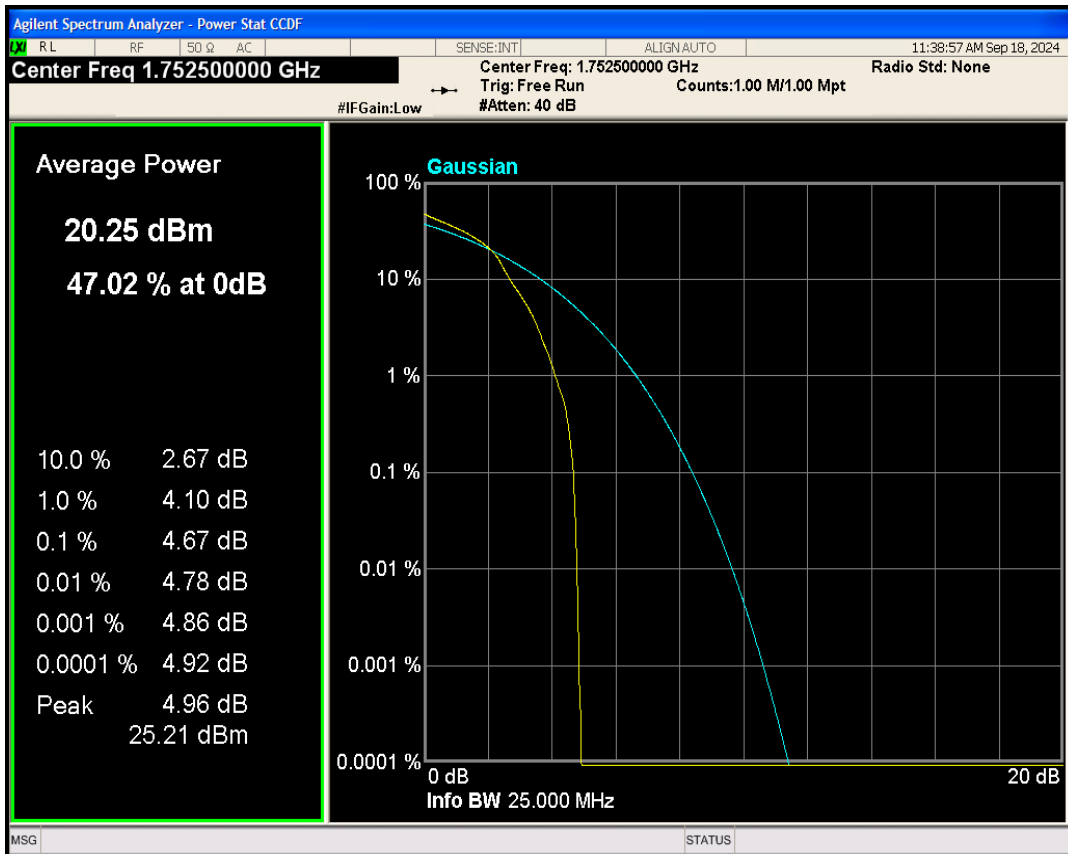
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



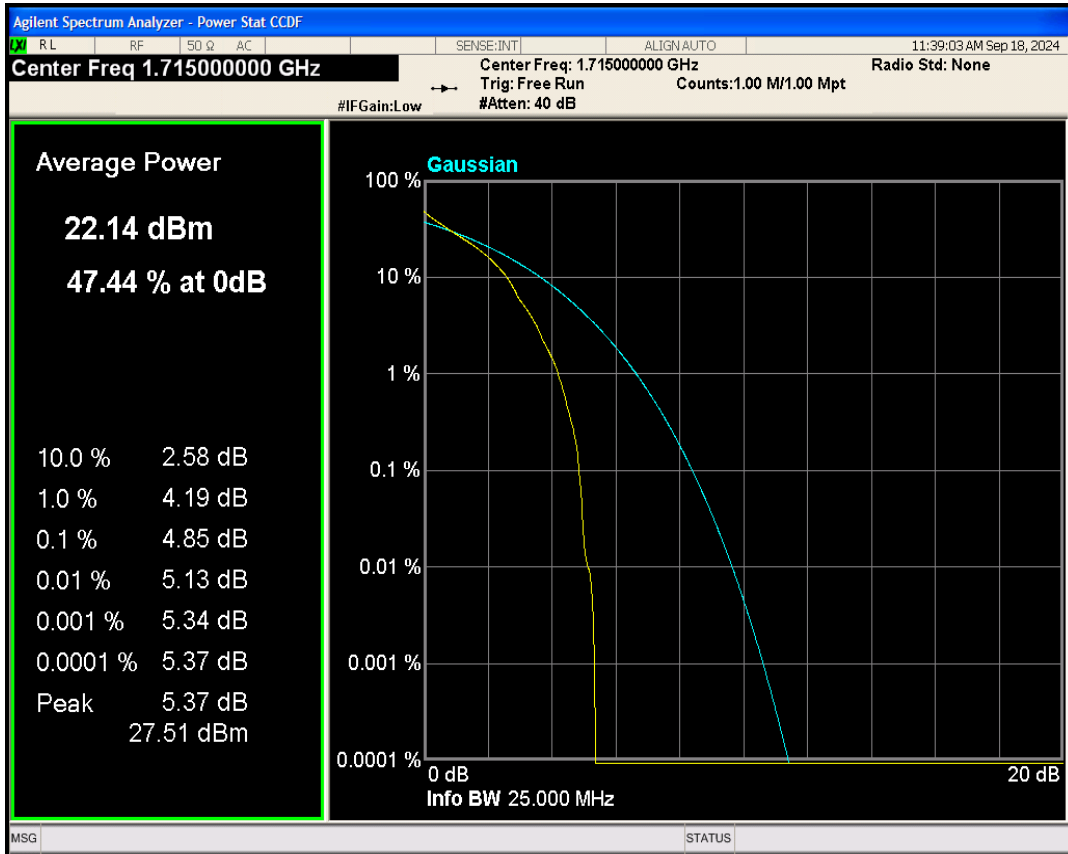
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



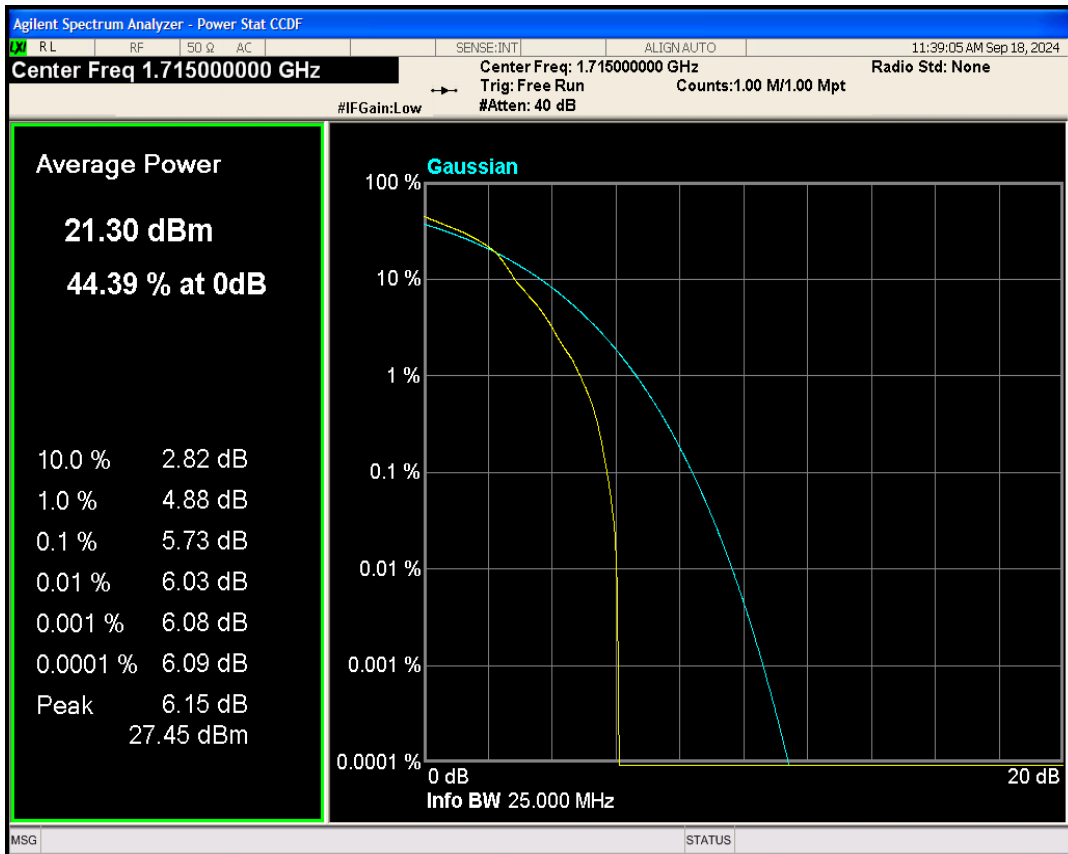
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



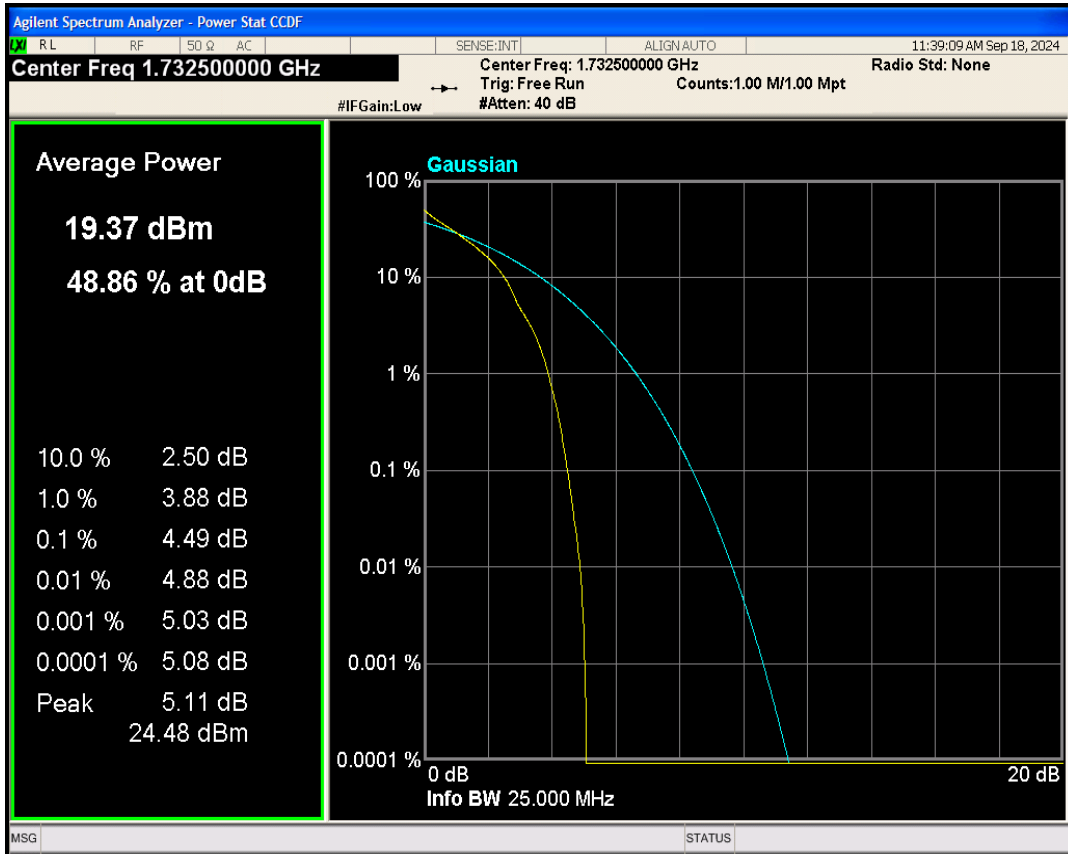
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



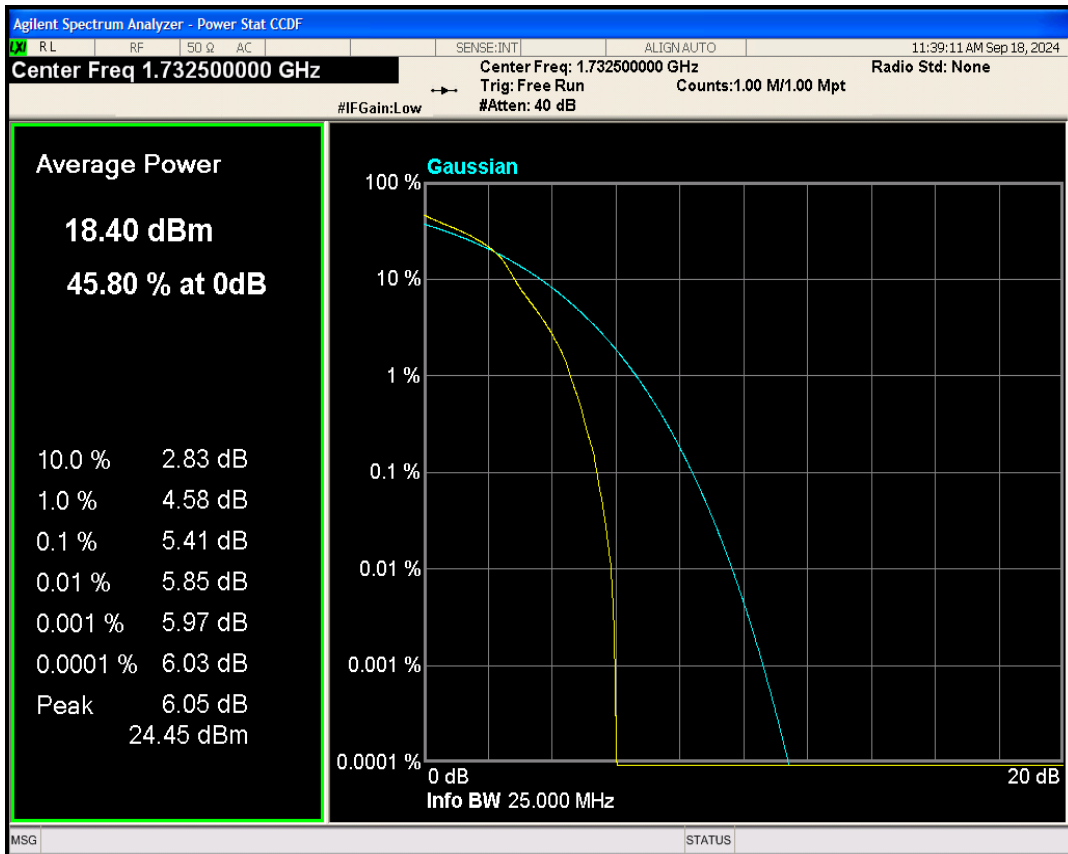
Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



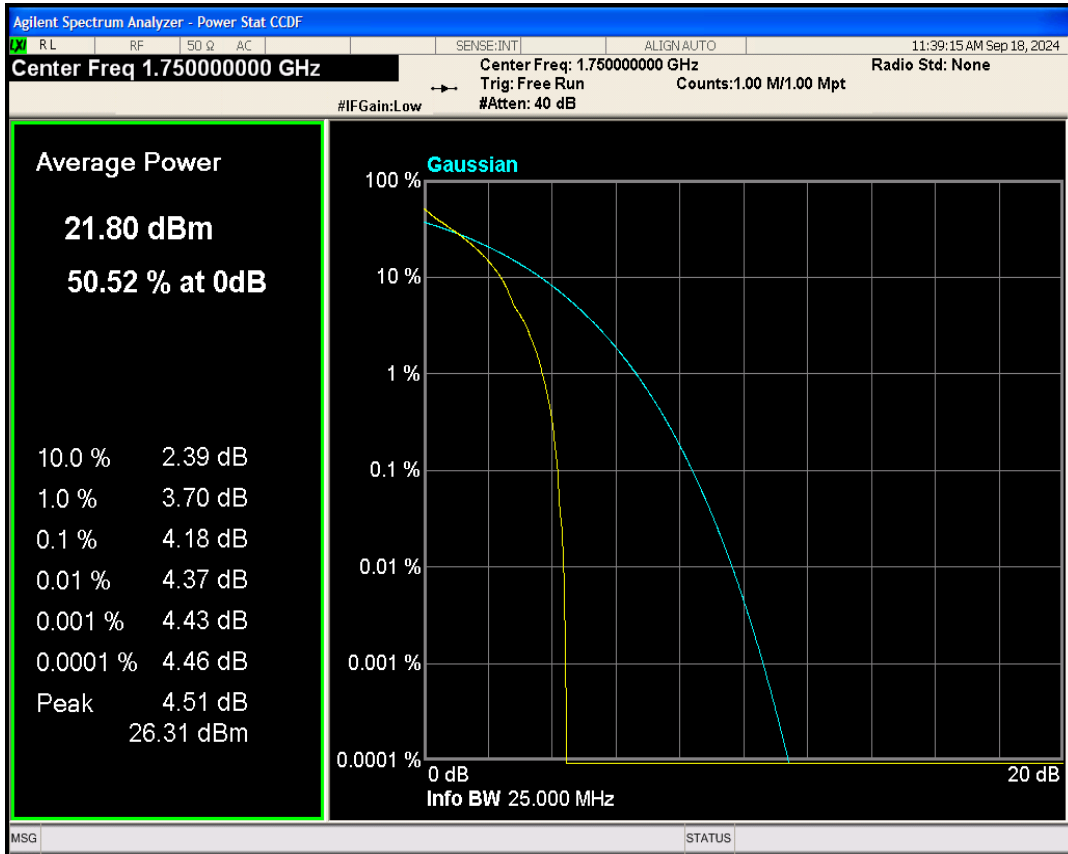
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



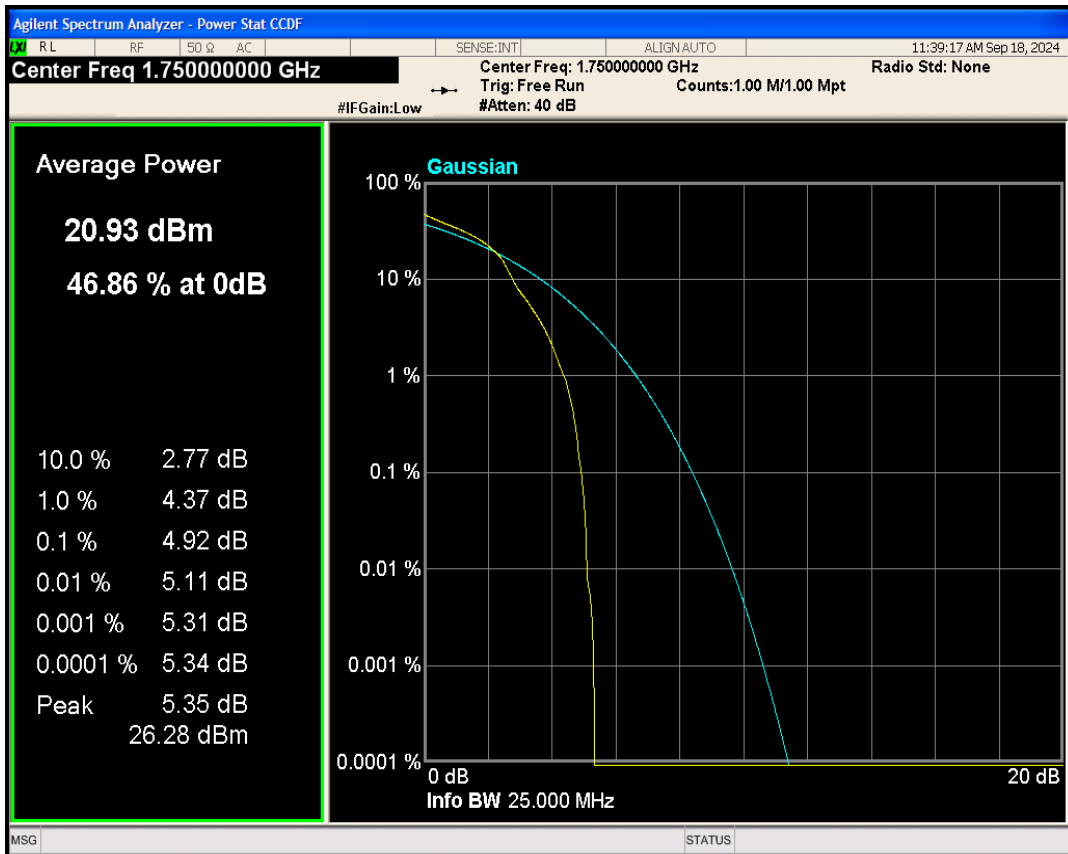
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



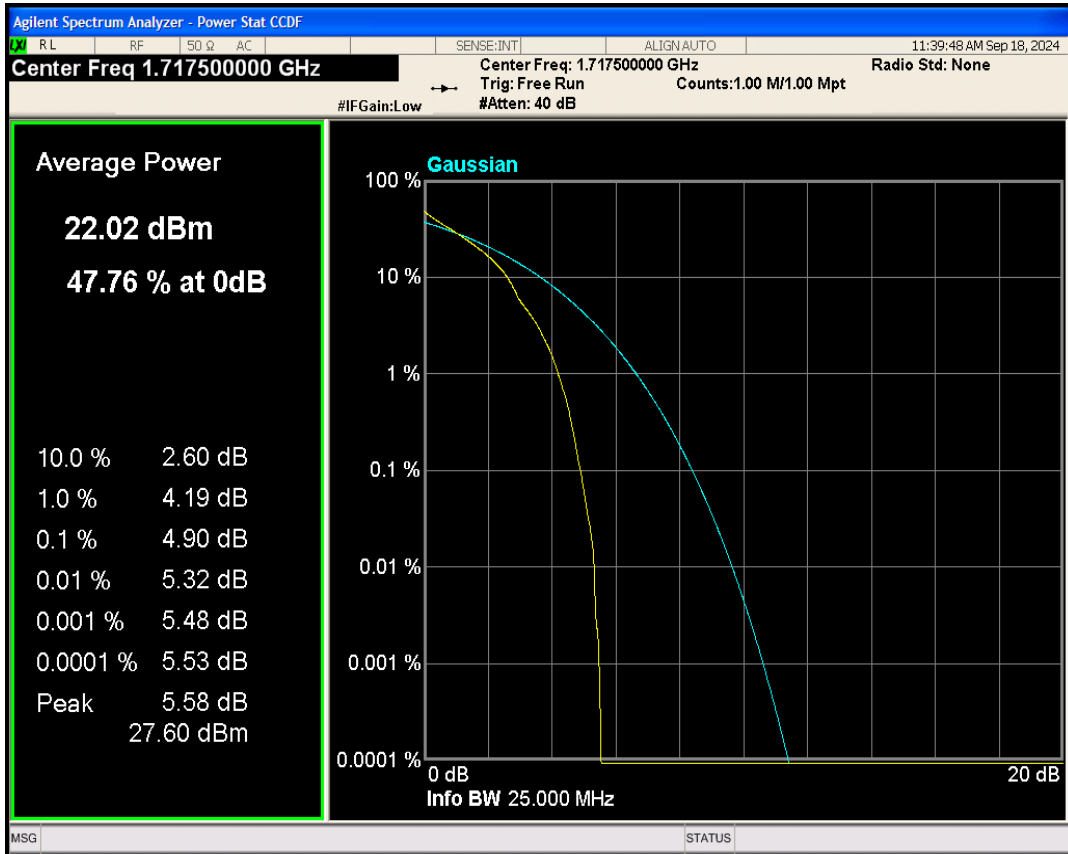
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



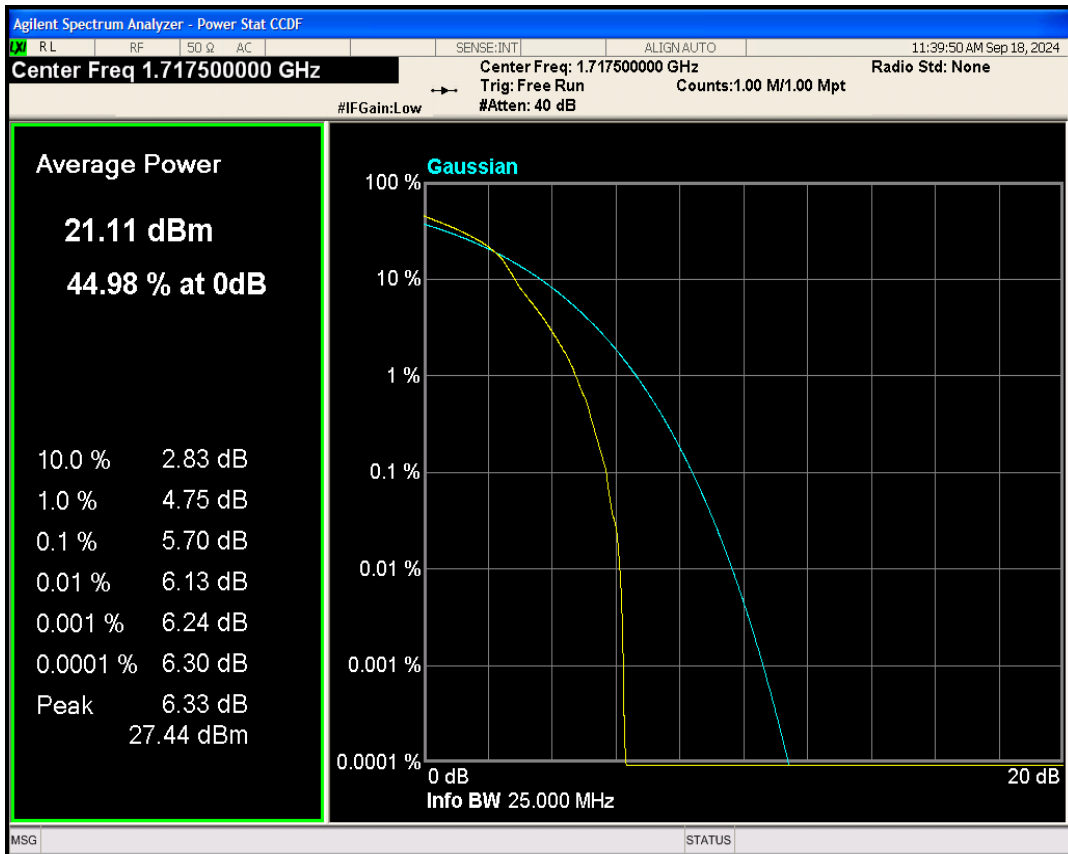
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



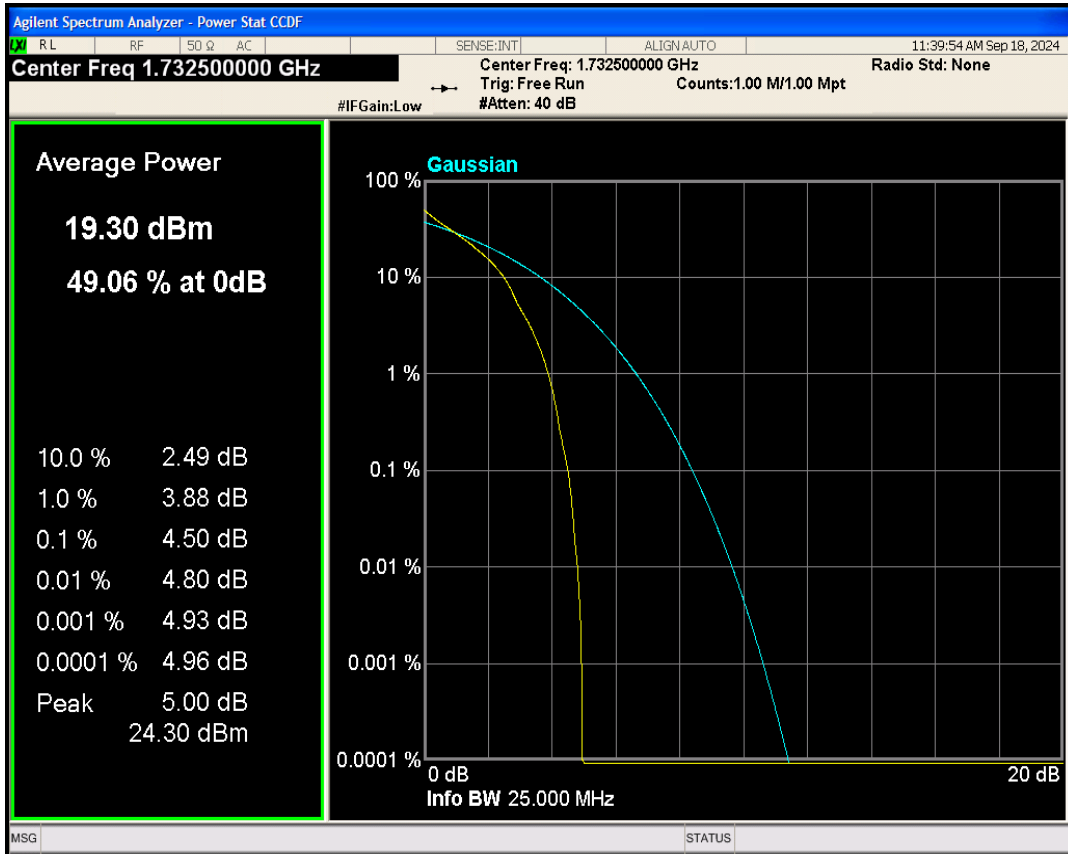
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



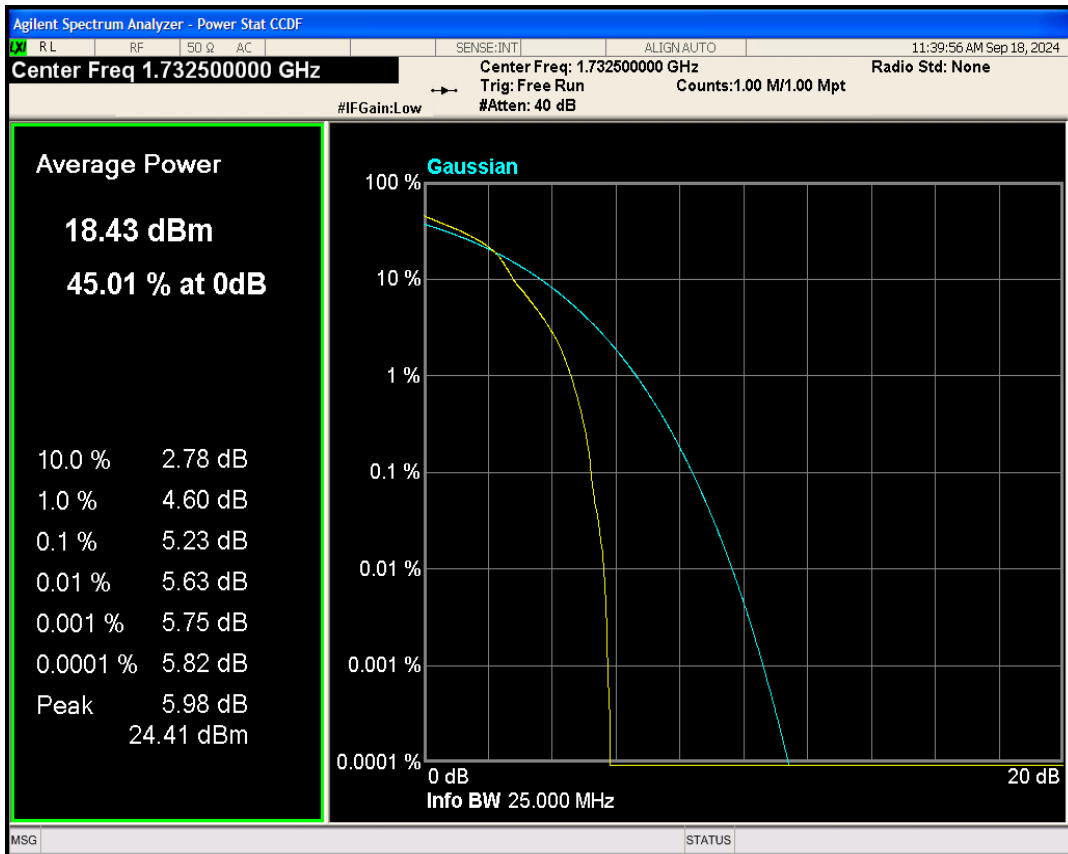
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



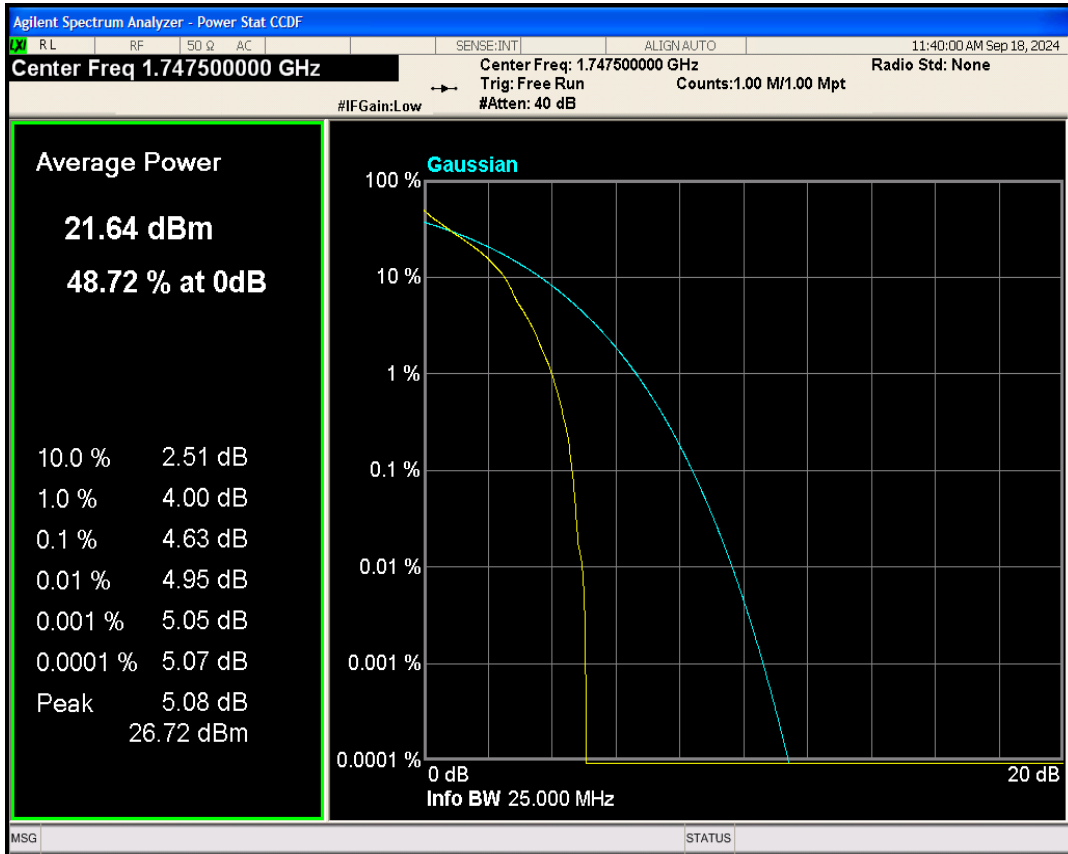
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



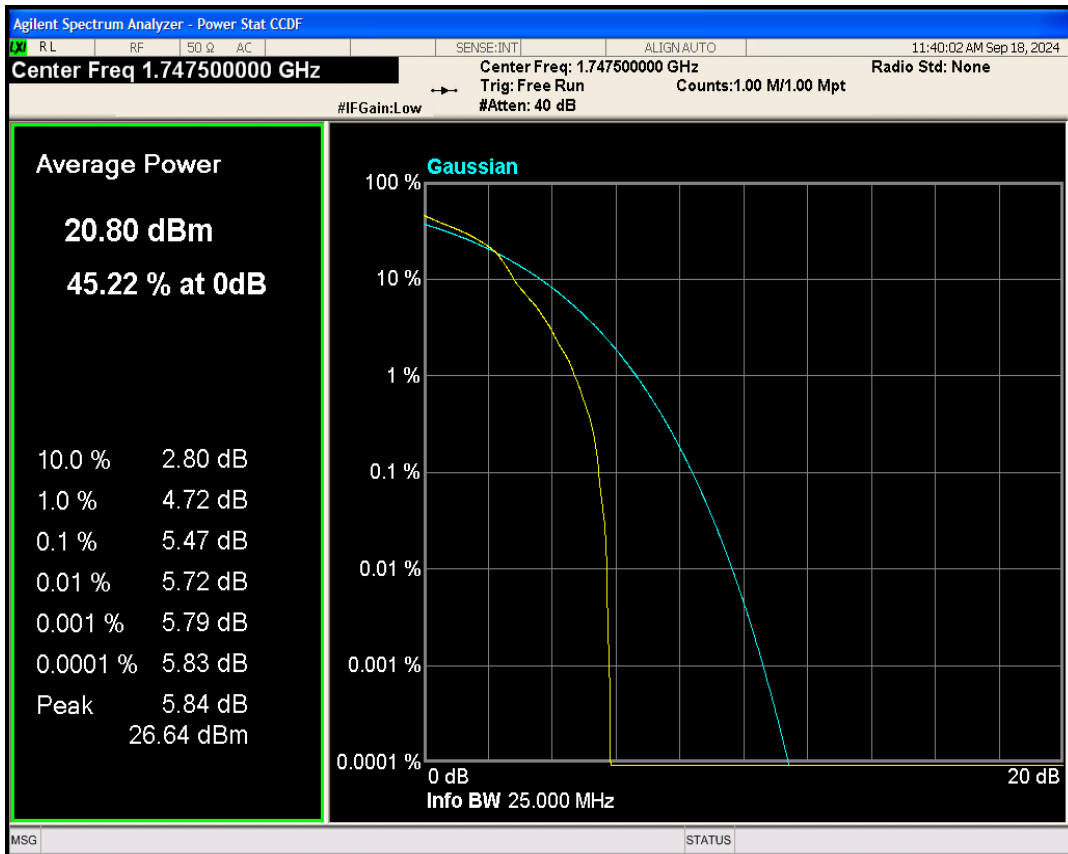
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



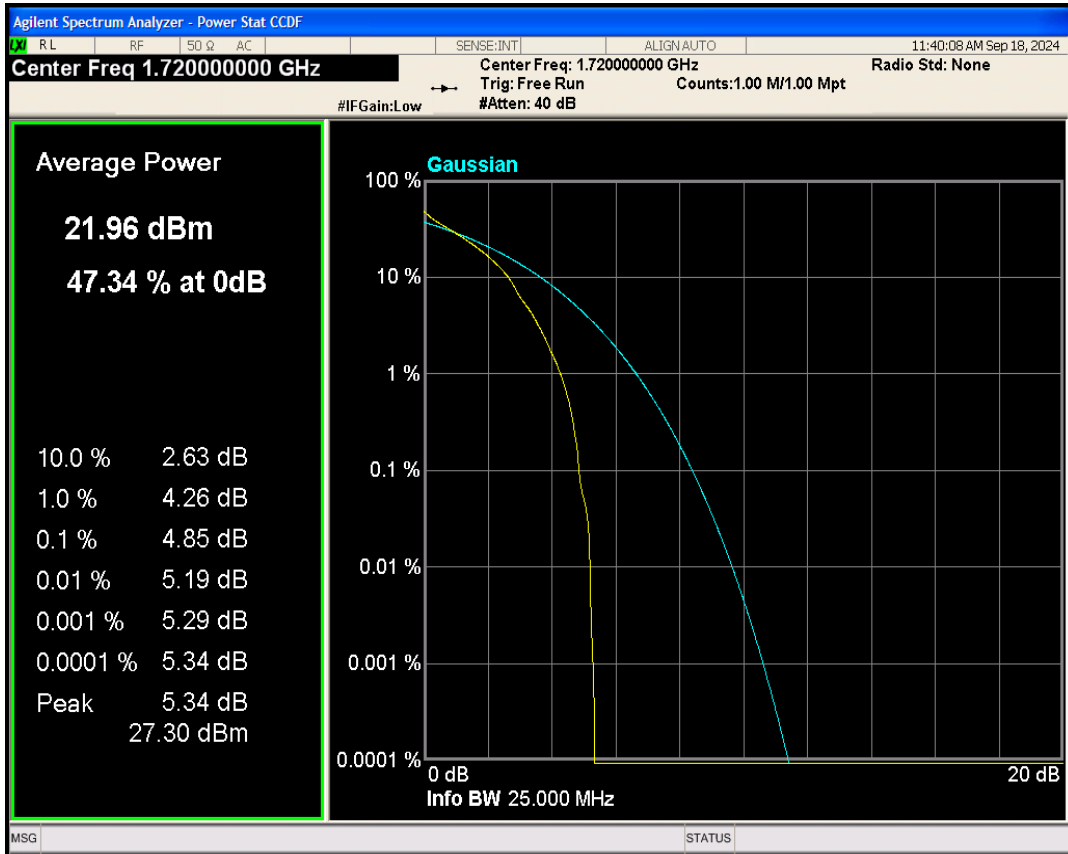
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



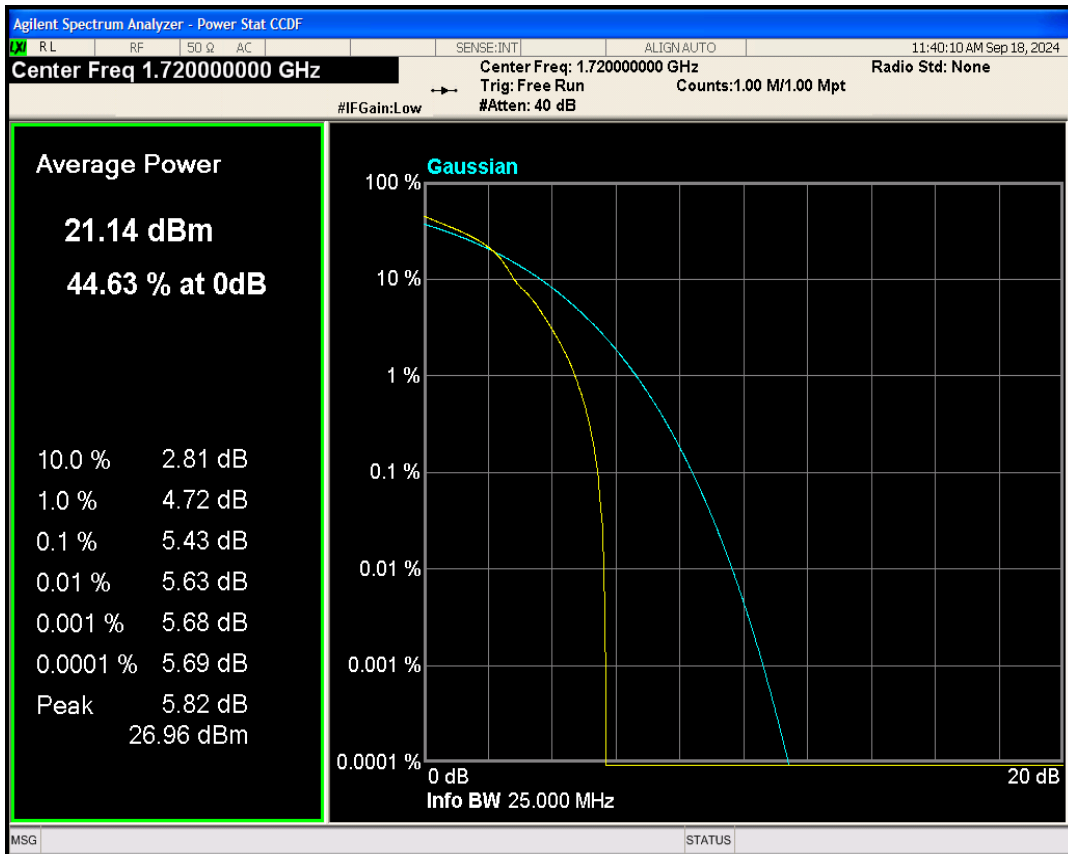
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



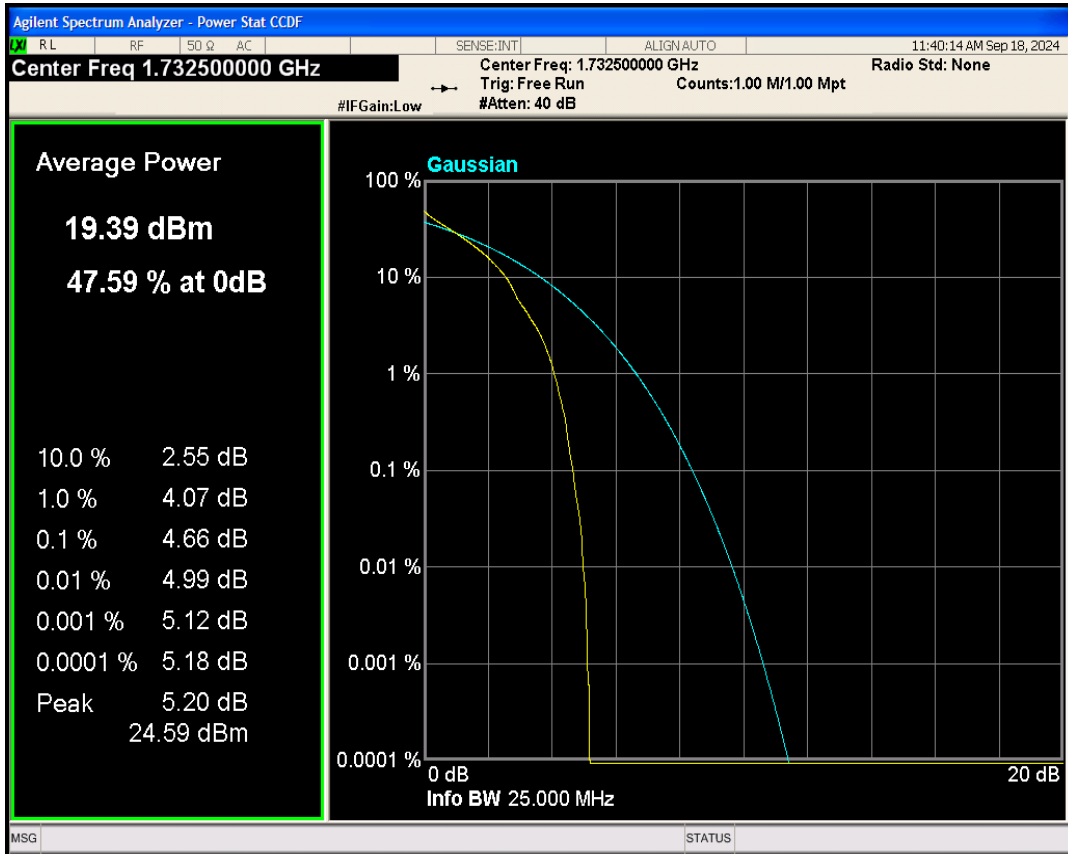
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



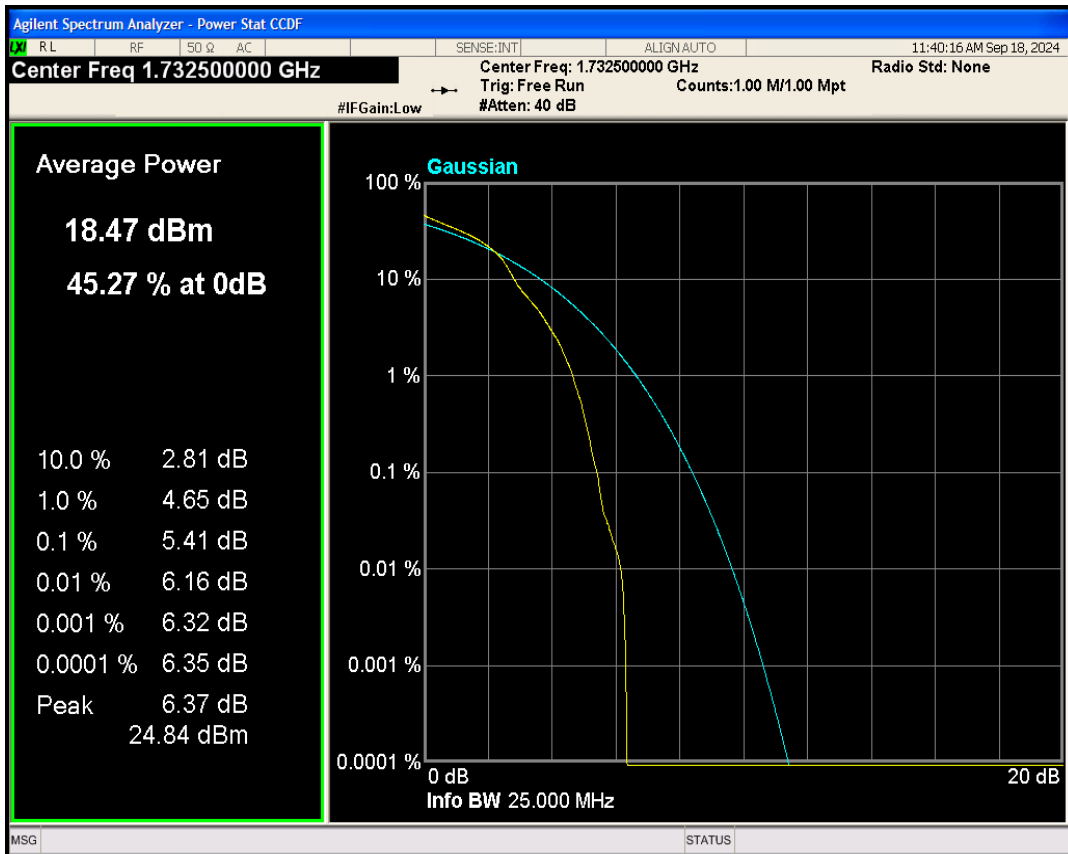
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



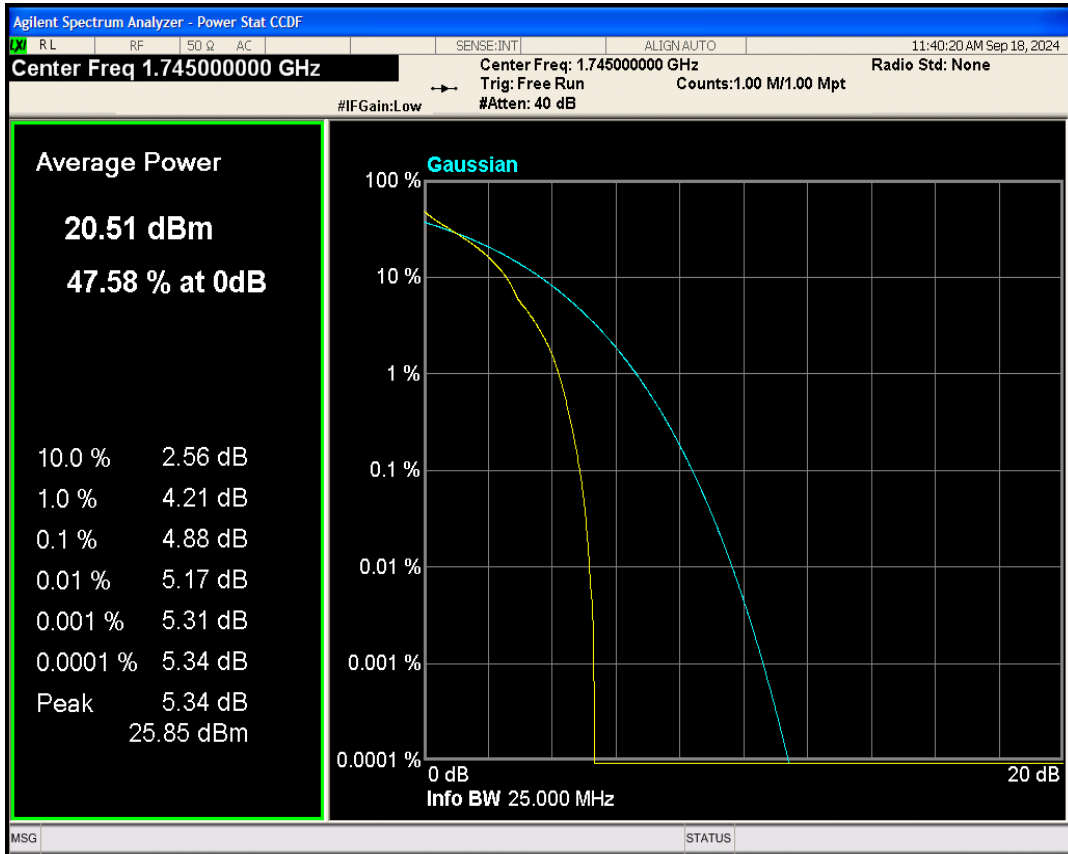
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



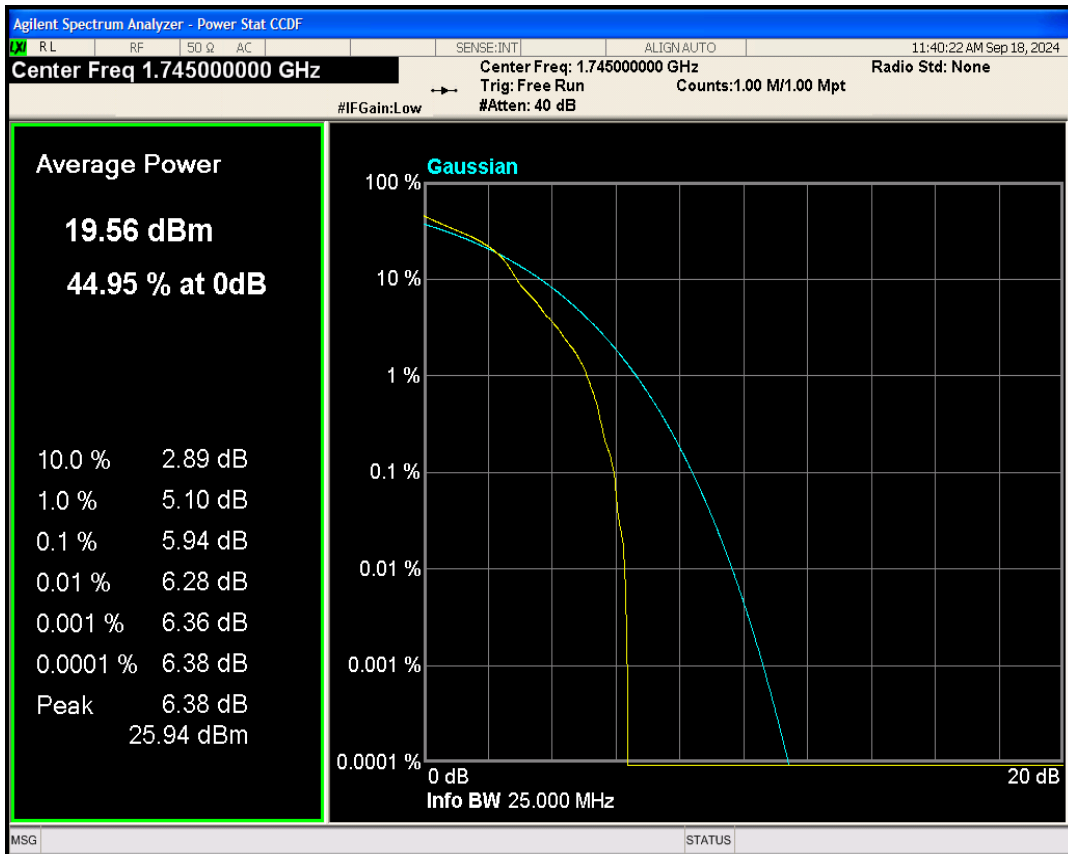
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



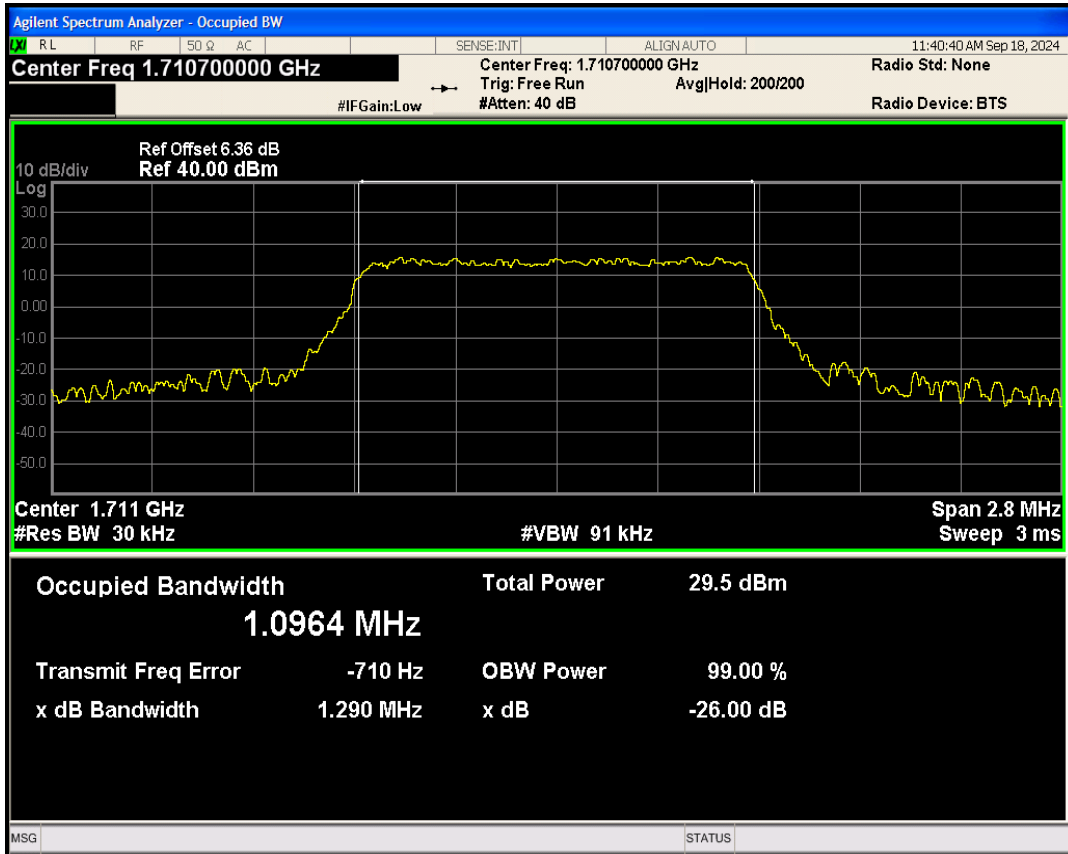
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0



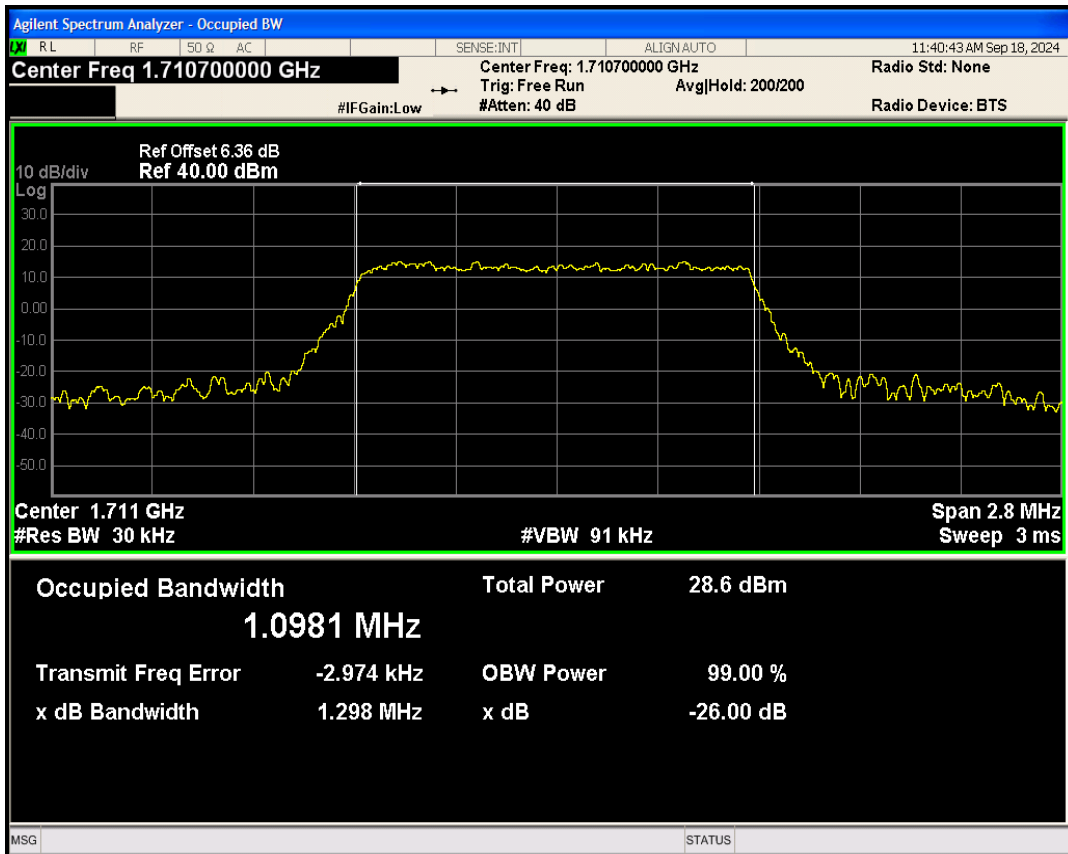
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.096	1.290	PASS
Band4	1.4	19957	6	#0	16QAM	1.098	1.298	PASS
Band4	1.4	20175	6	#0	QPSK	1.094	1.303	PASS
Band4	1.4	20175	6	#0	16QAM	1.090	1.277	PASS
Band4	1.4	20393	6	#0	QPSK	1.101	1.272	PASS
Band4	1.4	20393	6	#0	16QAM	1.100	1.285	PASS
Band4	3	19965	15	#0	QPSK	2.694	2.931	PASS
Band4	3	19965	15	#0	16QAM	2.684	2.914	PASS
Band4	3	20175	15	#0	QPSK	2.692	2.949	PASS
Band4	3	20175	15	#0	16QAM	2.689	2.935	PASS
Band4	3	20385	15	#0	QPSK	2.696	2.943	PASS
Band4	3	20385	15	#0	16QAM	2.690	2.963	PASS
Band4	5	19975	25	#0	QPSK	4.502	4.919	PASS
Band4	5	19975	25	#0	16QAM	4.503	4.982	PASS
Band4	5	20175	25	#0	QPSK	4.511	4.966	PASS
Band4	5	20175	25	#0	16QAM	4.513	4.981	PASS
Band4	5	20375	25	#0	QPSK	4.525	4.969	PASS
Band4	5	20375	25	#0	16QAM	4.503	4.927	PASS
Band4	10	20000	50	#0	QPSK	8.960	9.793	PASS
Band4	10	20000	50	#0	16QAM	8.965	9.717	PASS
Band4	10	20175	50	#0	QPSK	8.996	9.748	PASS
Band4	10	20175	50	#0	16QAM	8.958	9.783	PASS
Band4	10	20350	50	#0	QPSK	8.987	9.763	PASS
Band4	10	20350	50	#0	16QAM	9.001	9.714	PASS
Band4	15	20025	75	#0	QPSK	13.412	14.449	PASS
Band4	15	20025	75	#0	16QAM	13.410	14.479	PASS
Band4	15	20175	75	#0	QPSK	13.500	14.544	PASS
Band4	15	20175	75	#0	16QAM	13.483	14.466	PASS
Band4	15	20325	75	#0	QPSK	13.495	14.527	PASS
Band4	15	20325	75	#0	16QAM	13.502	14.641	PASS
Band4	20	20050	100	#0	QPSK	17.962	19.141	PASS
Band4	20	20050	100	#0	16QAM	17.938	19.280	PASS
Band4	20	20175	100	#0	QPSK	17.958	19.259	PASS
Band4	20	20175	100	#0	16QAM	17.990	19.177	PASS
Band4	20	20300	100	#0	QPSK	17.915	19.265	PASS
Band4	20	20300	100	#0	16QAM	17.929	19.391	PASS

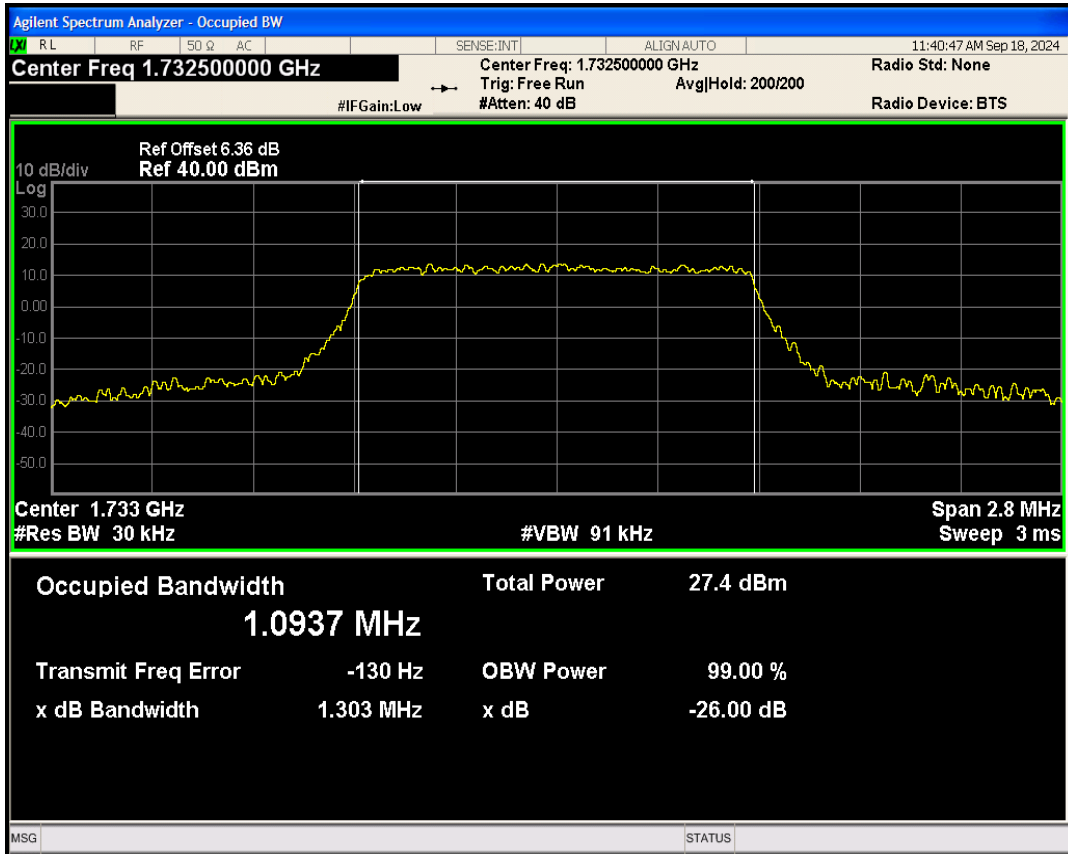
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



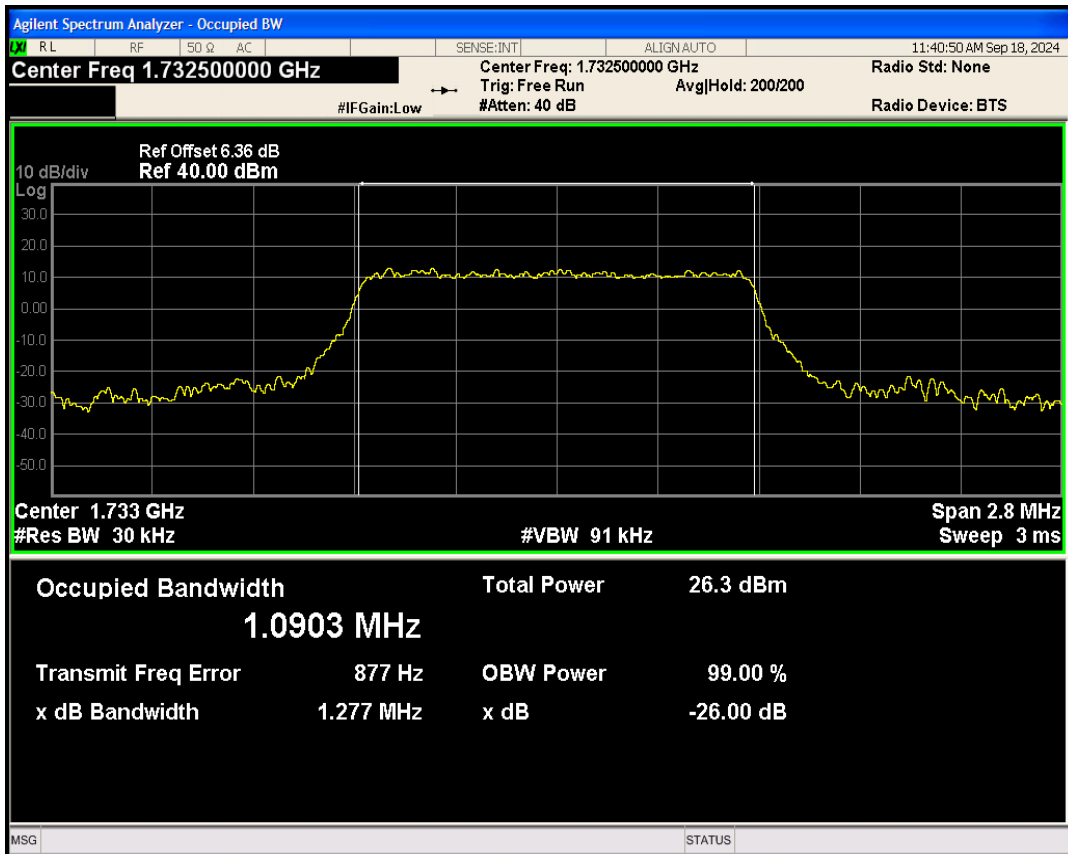
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



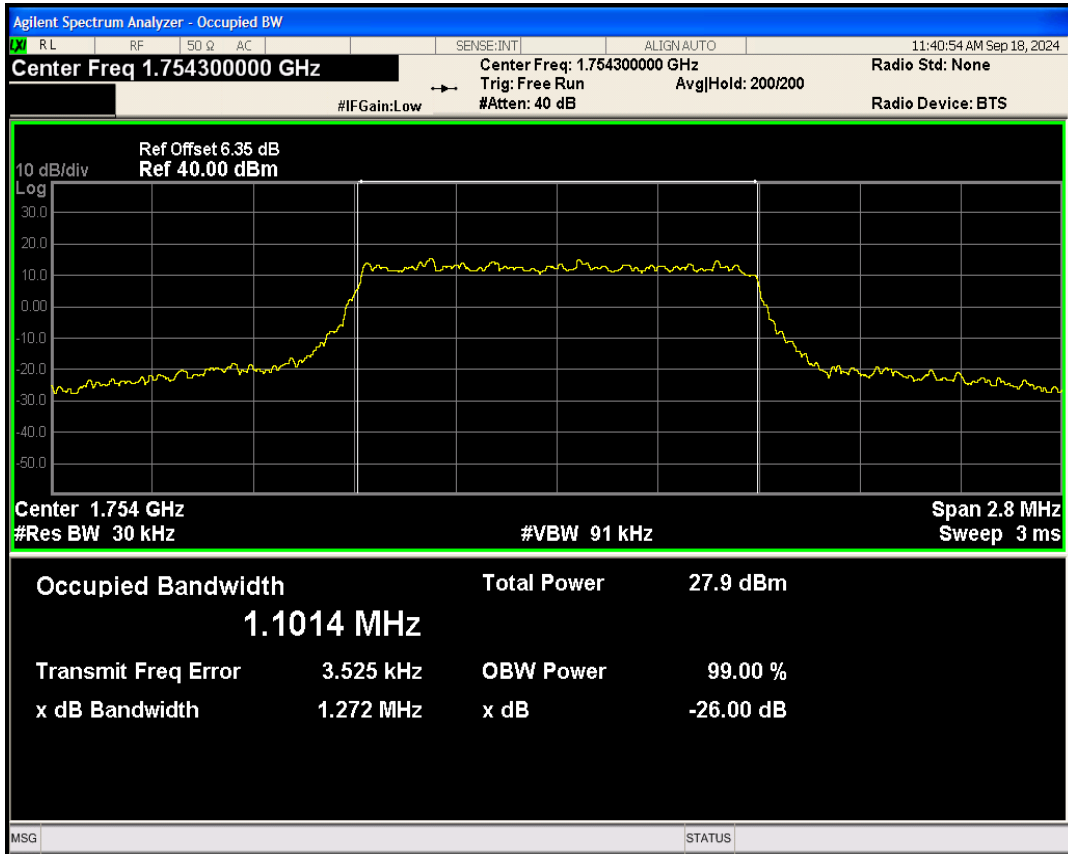
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



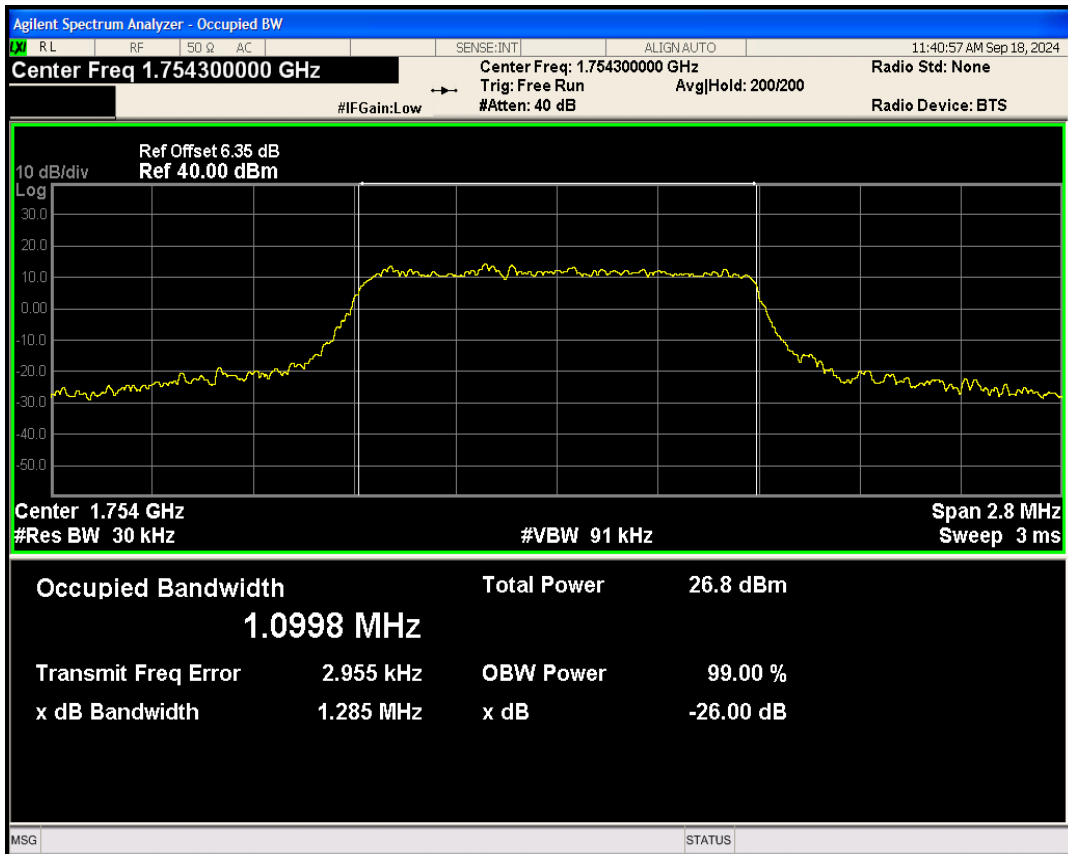
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



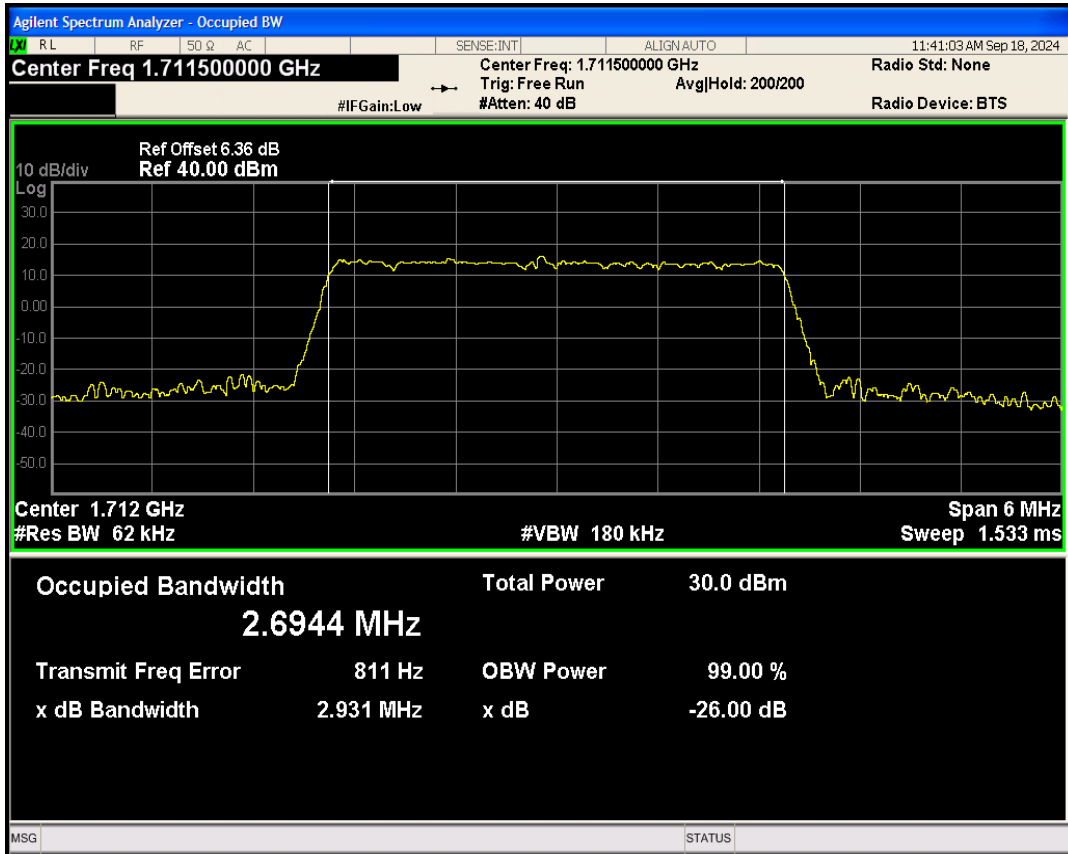
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



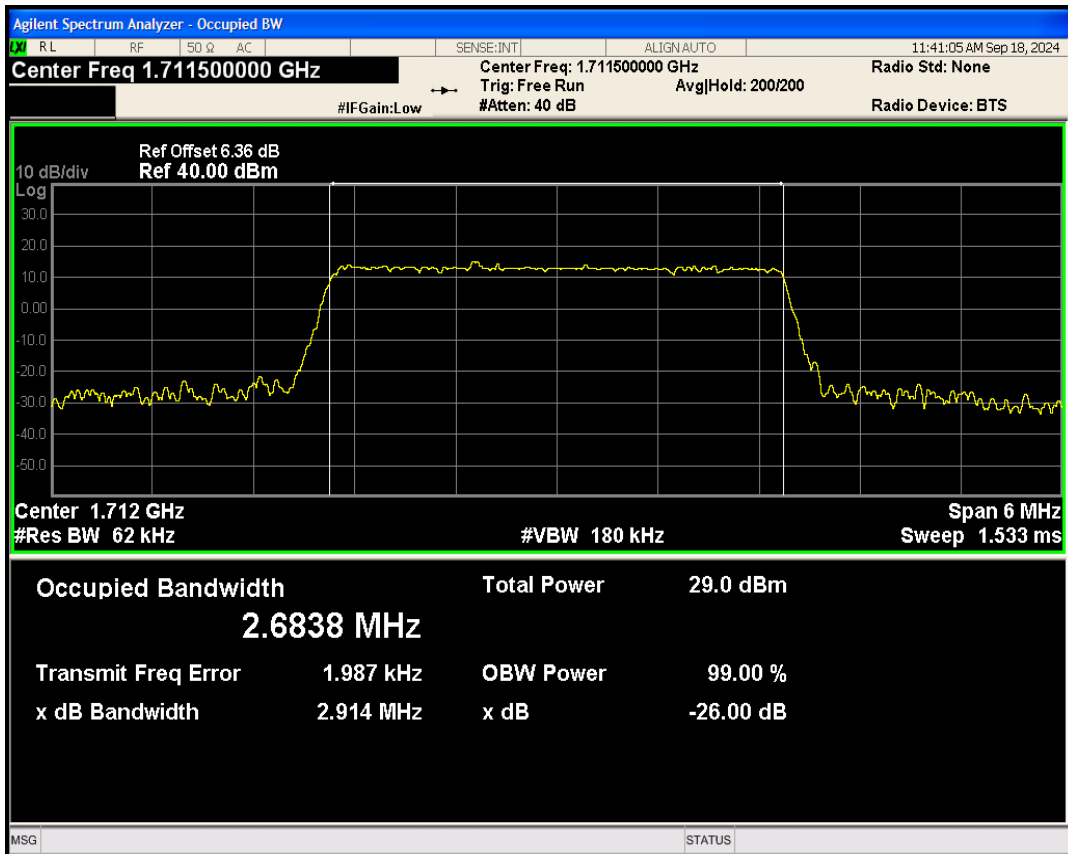
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



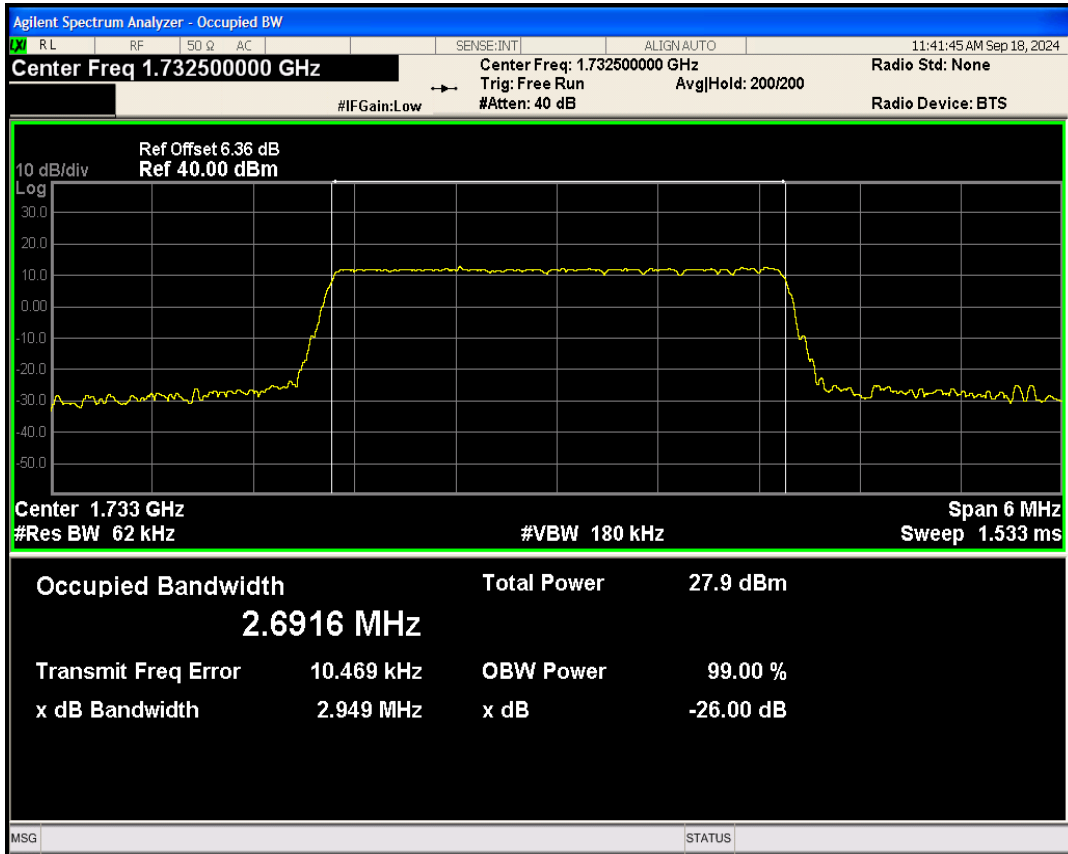
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



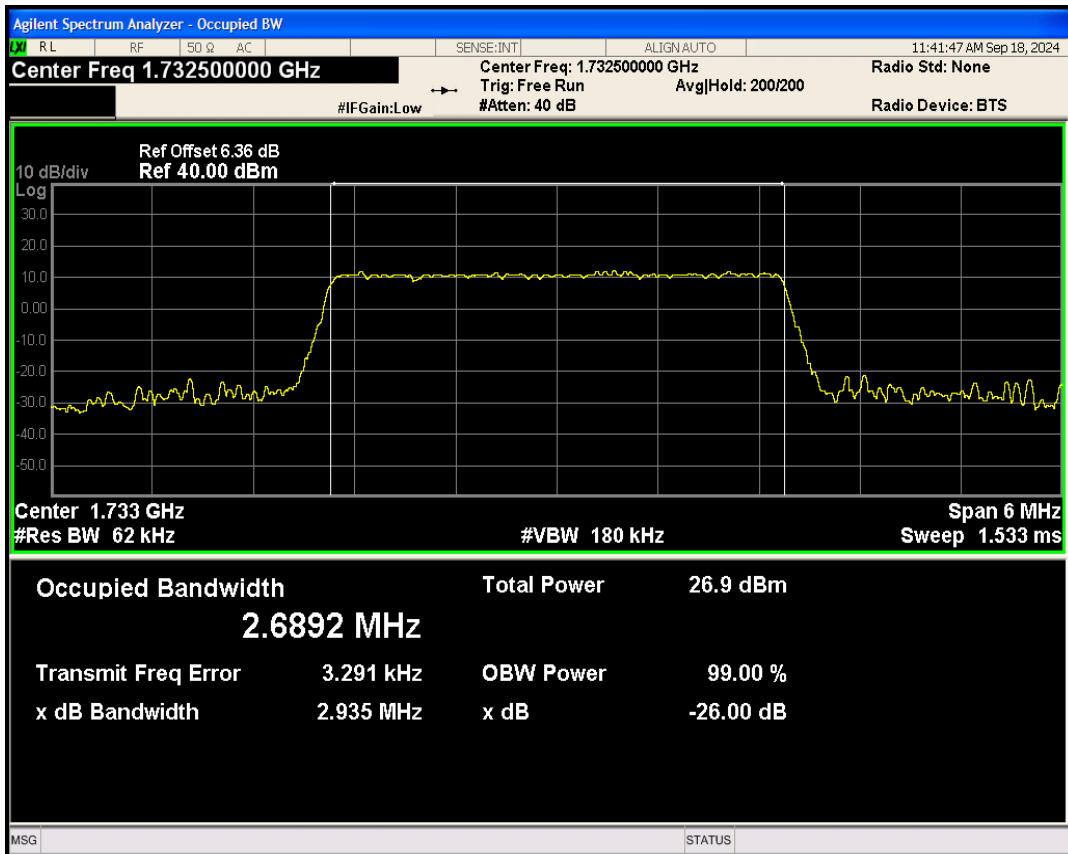
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



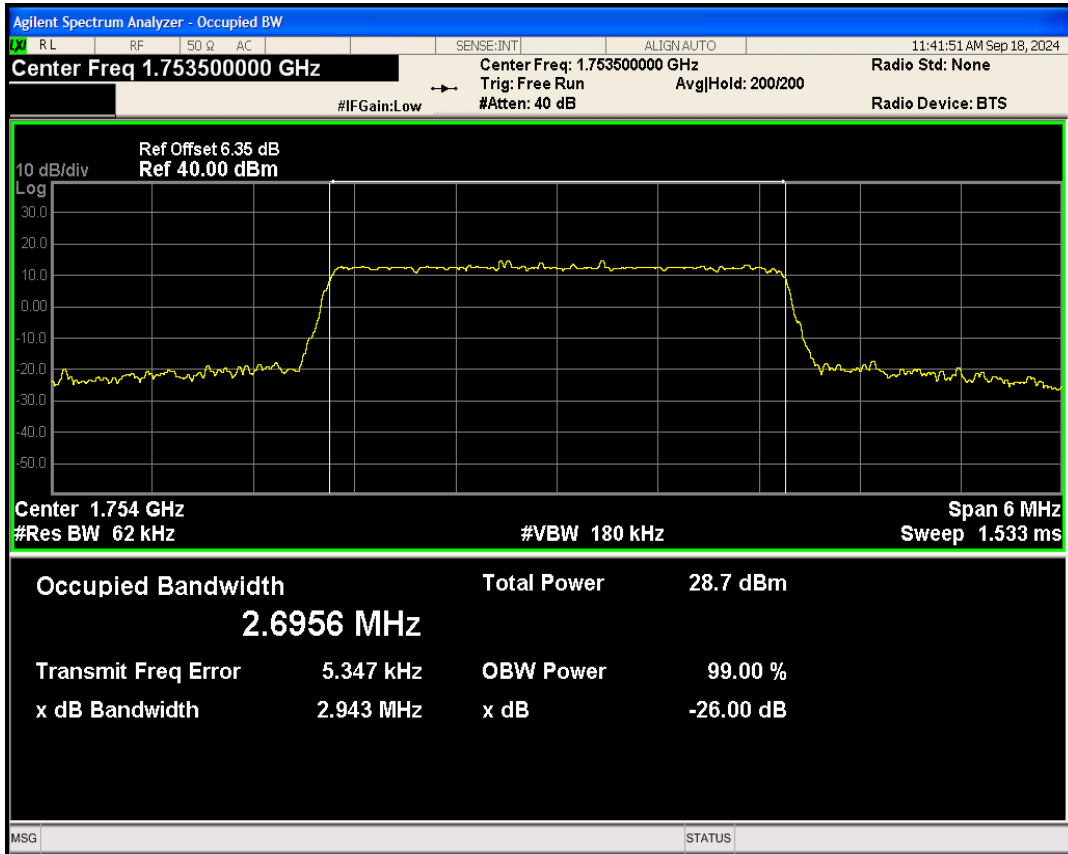
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



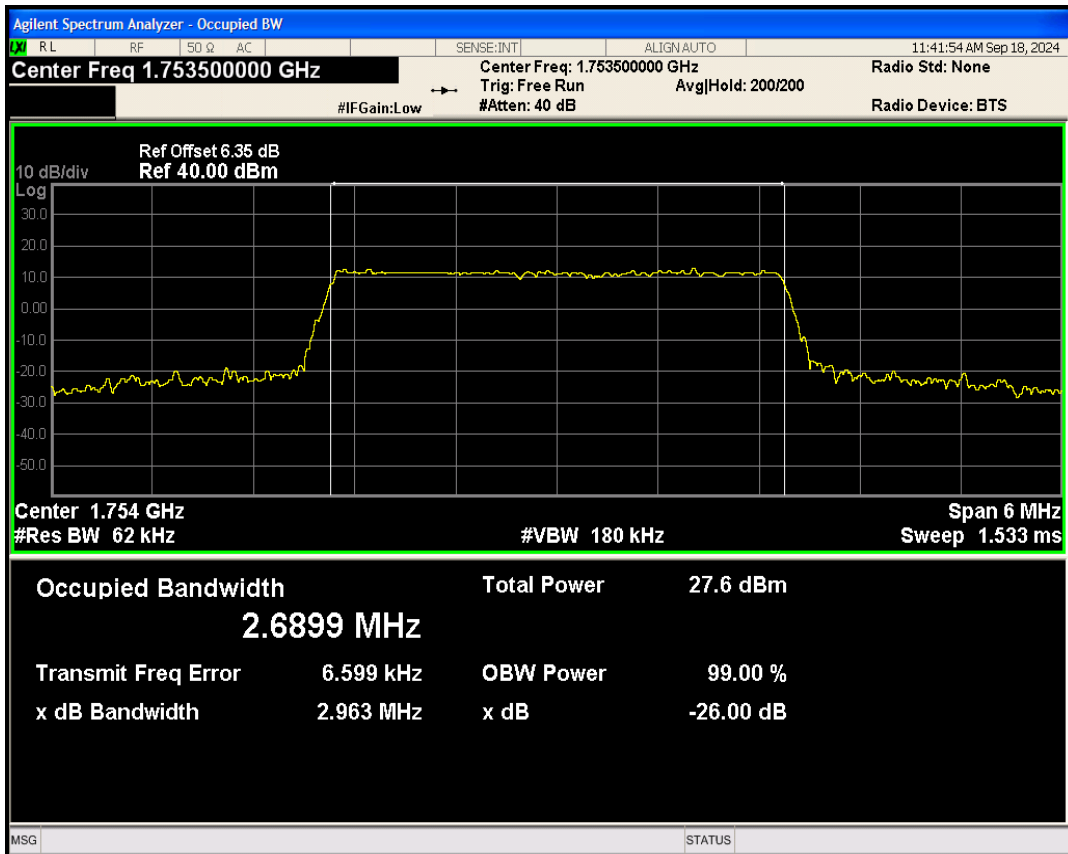
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



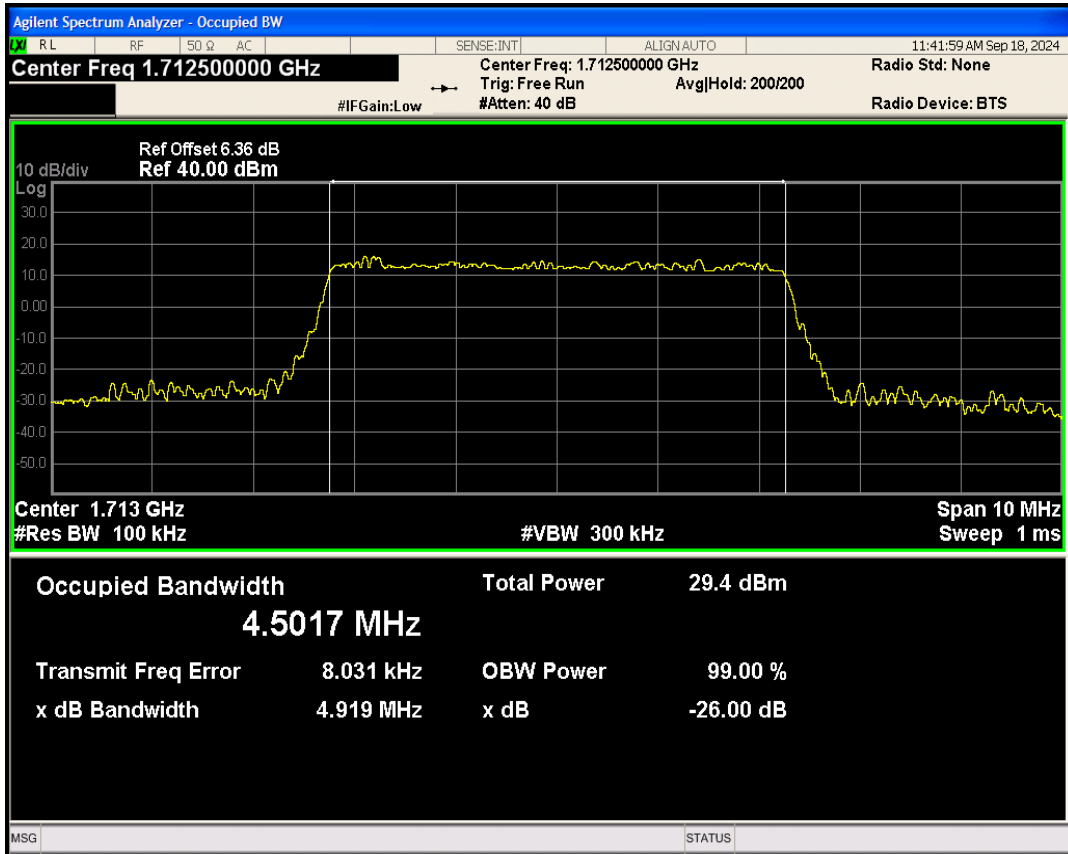
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



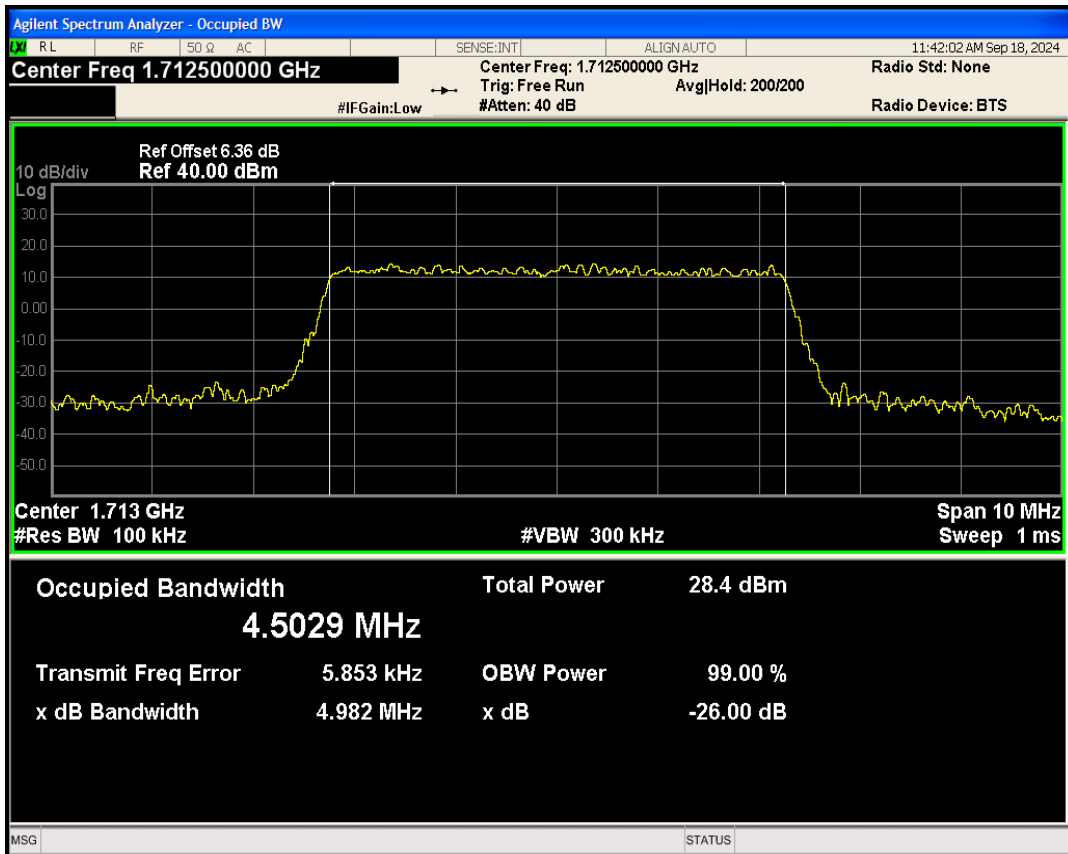
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



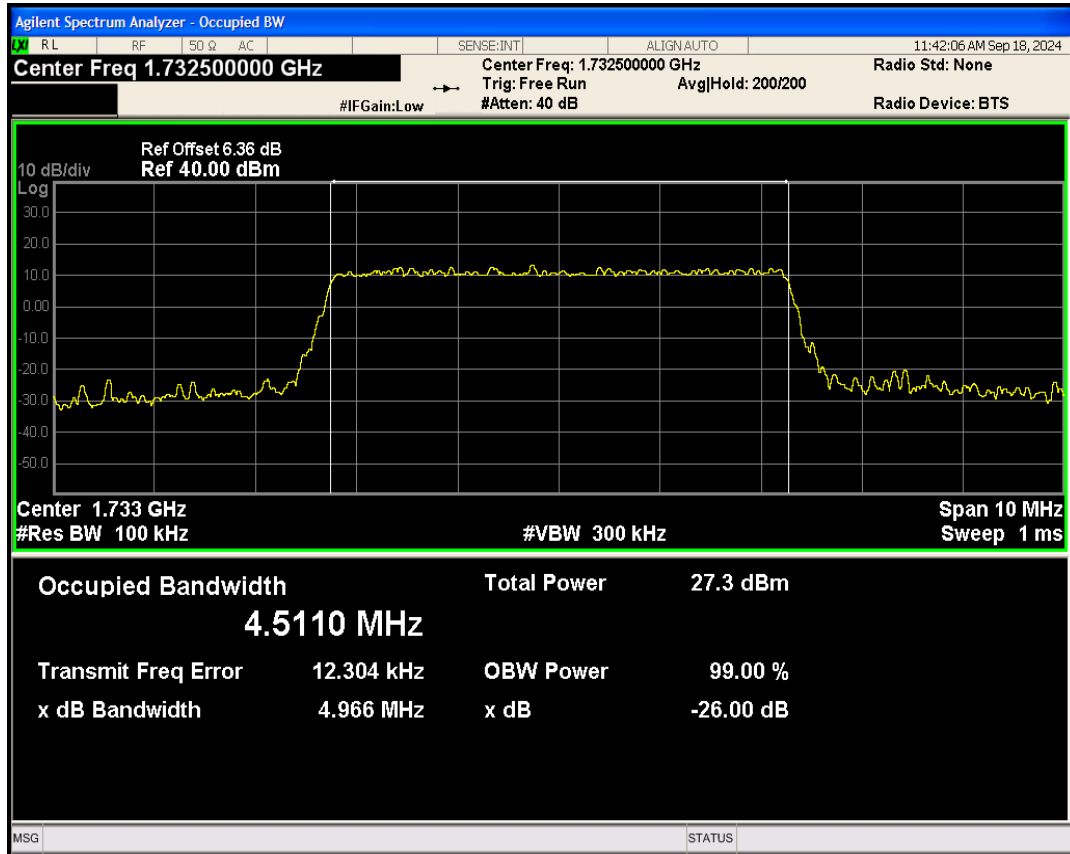
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



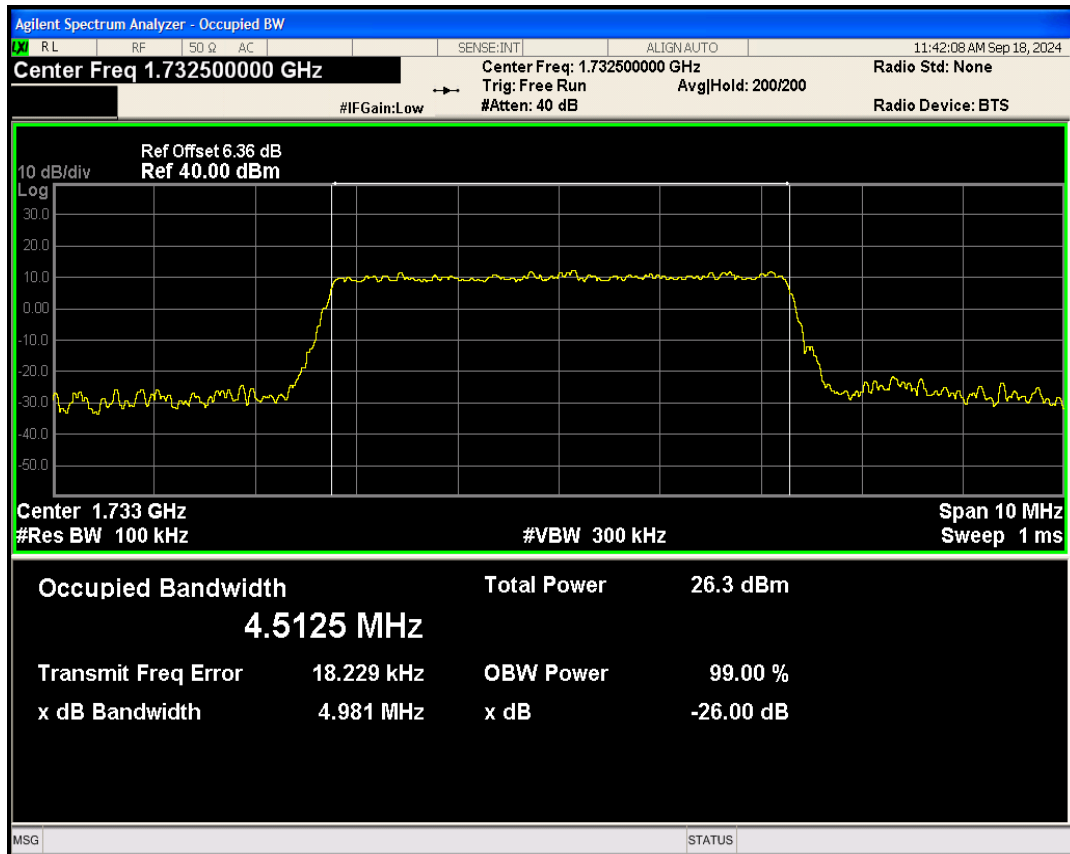
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



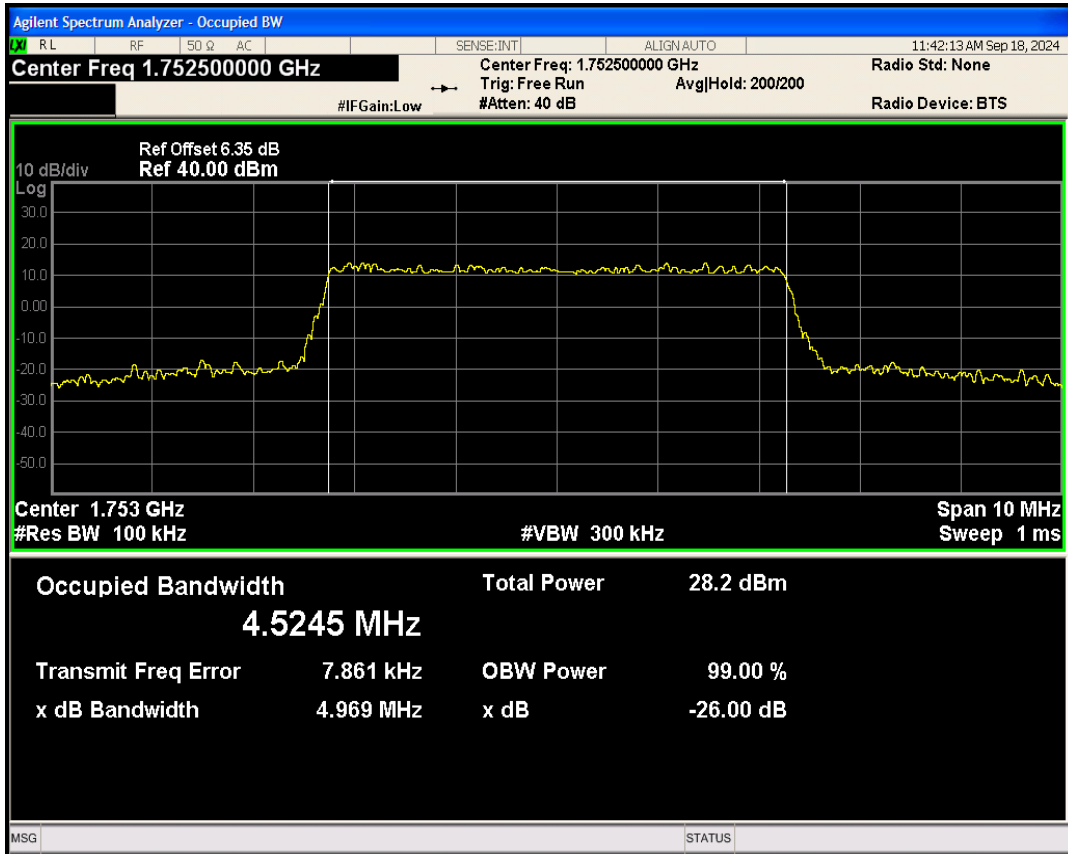
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



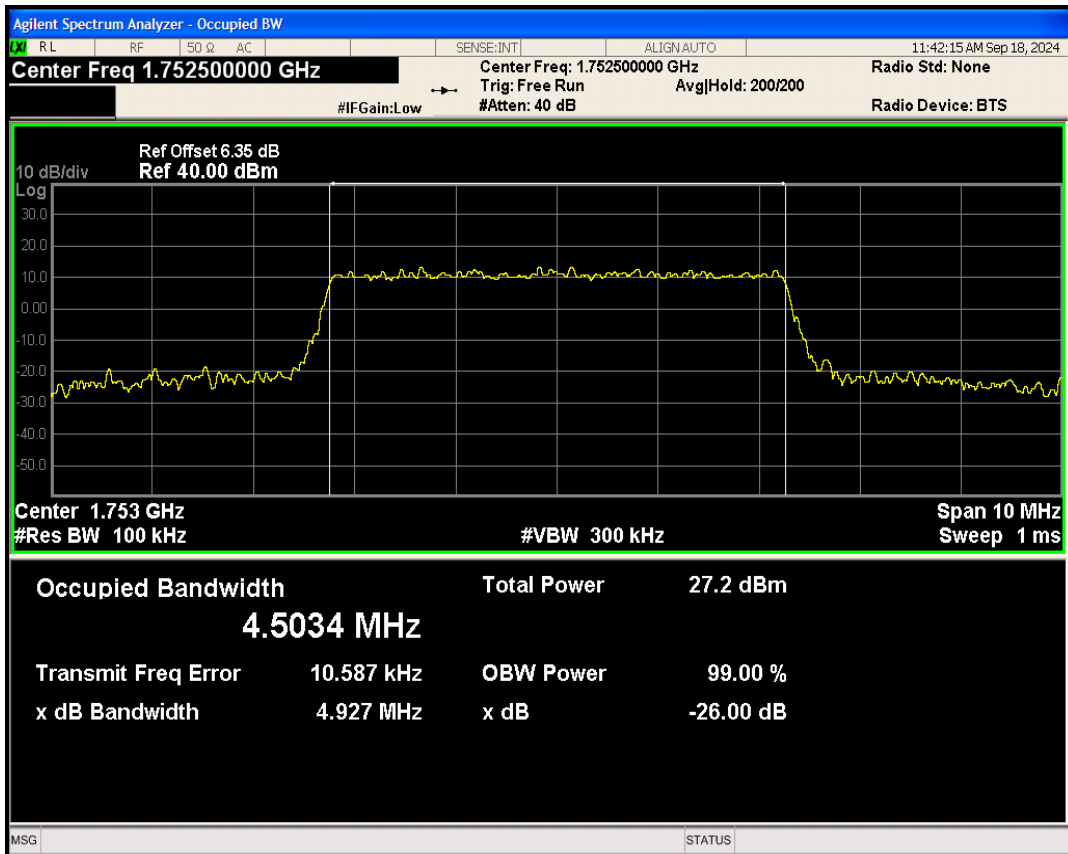
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



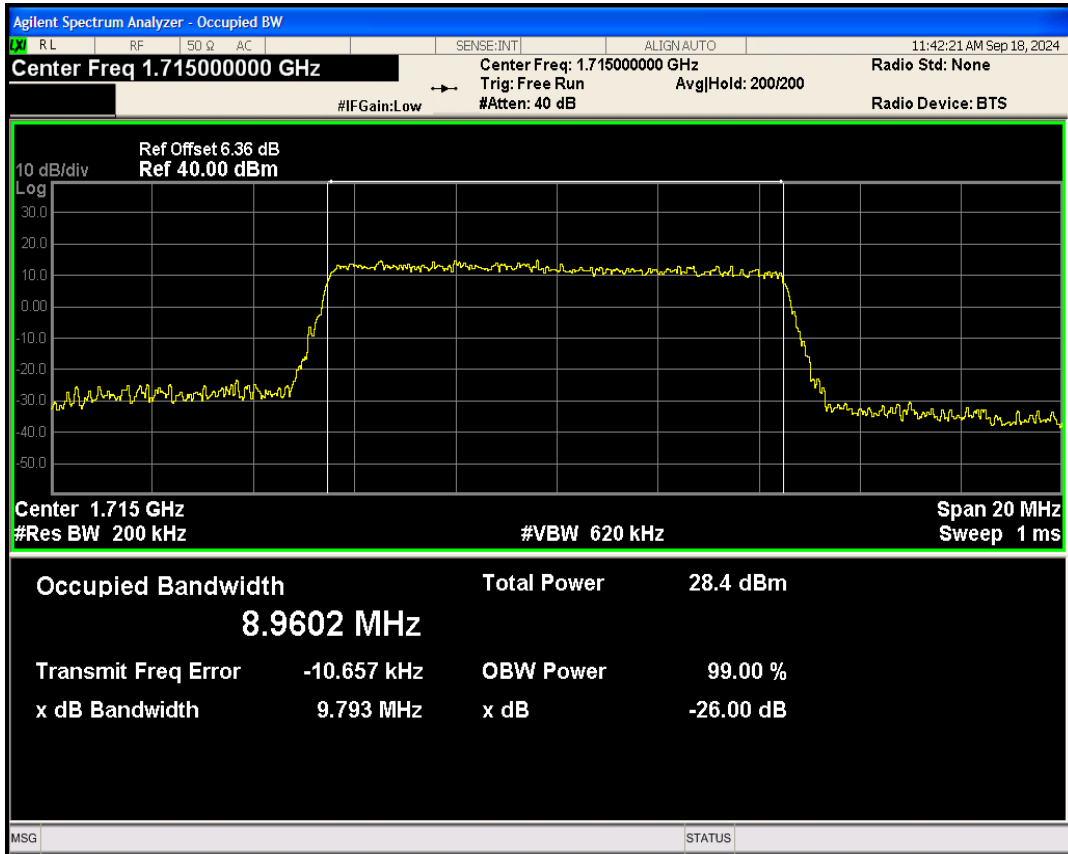
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



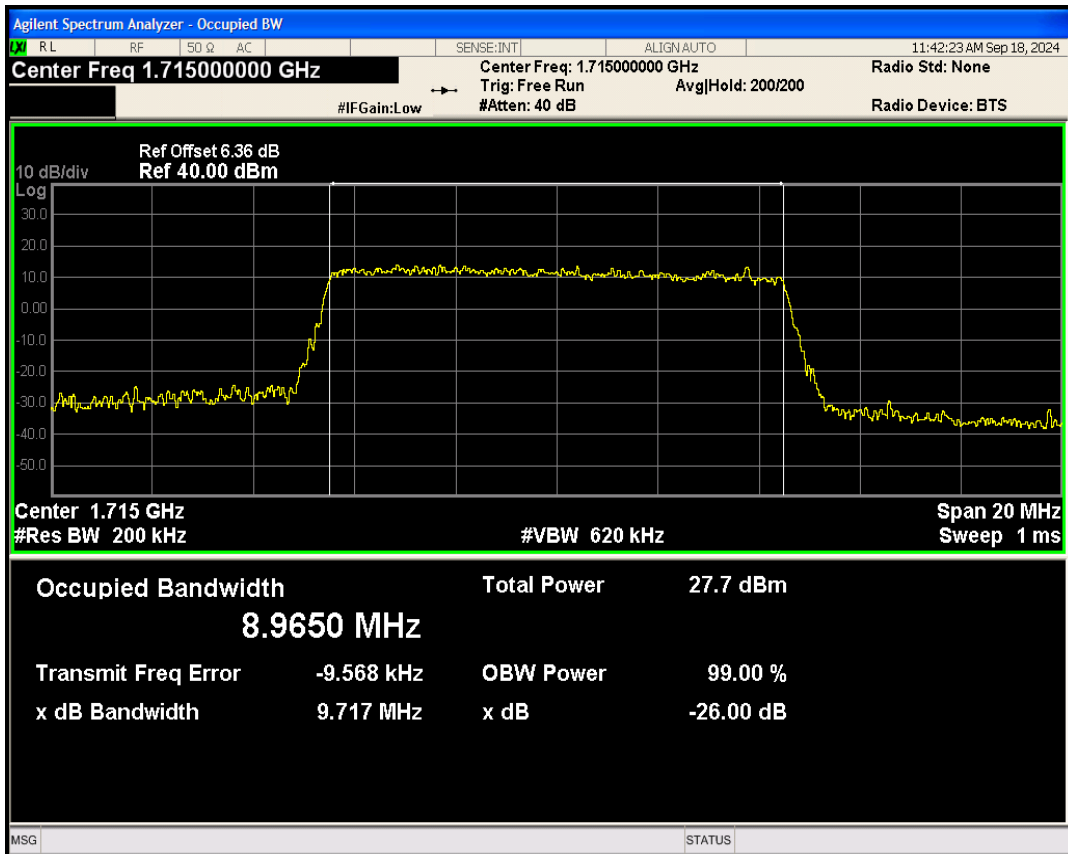
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



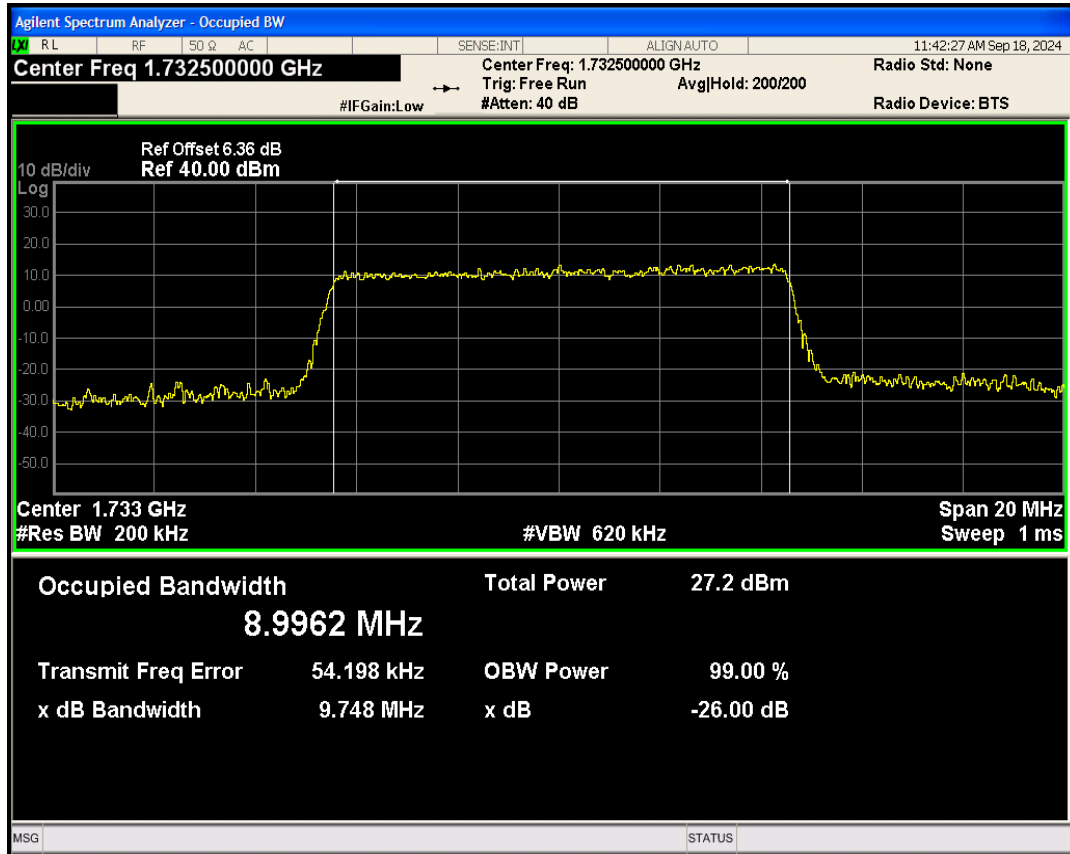
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



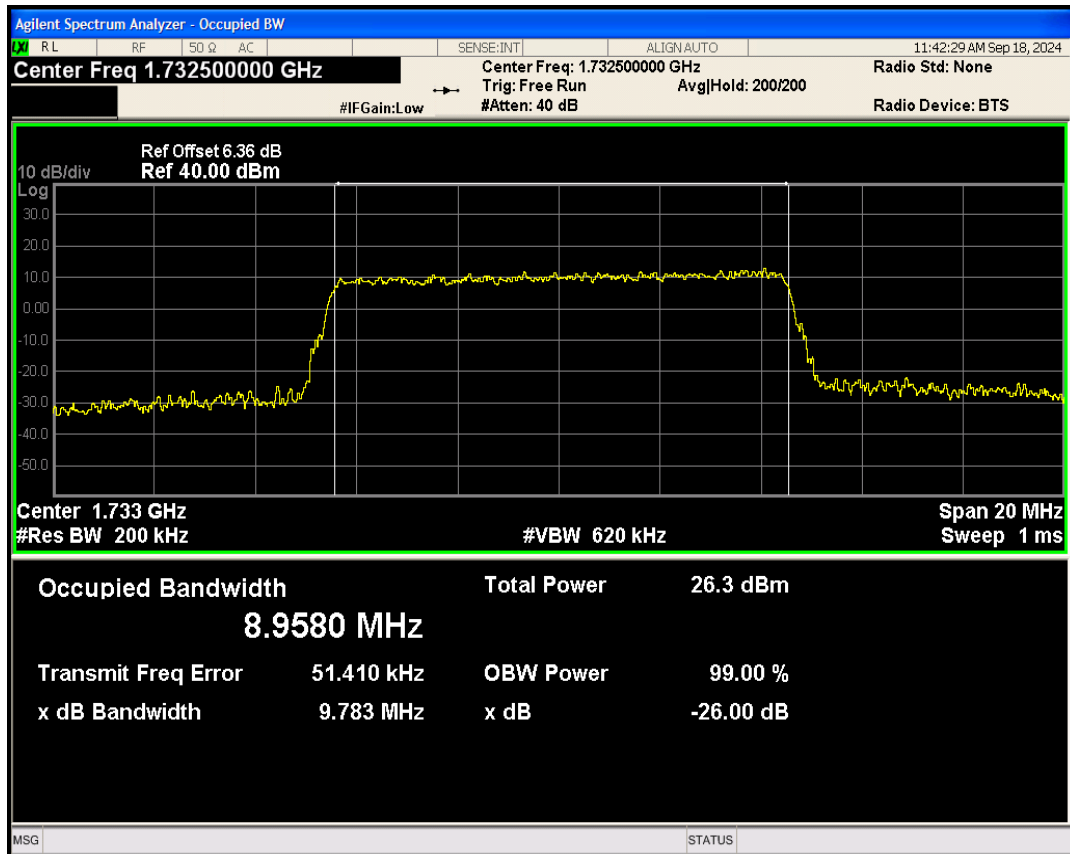
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



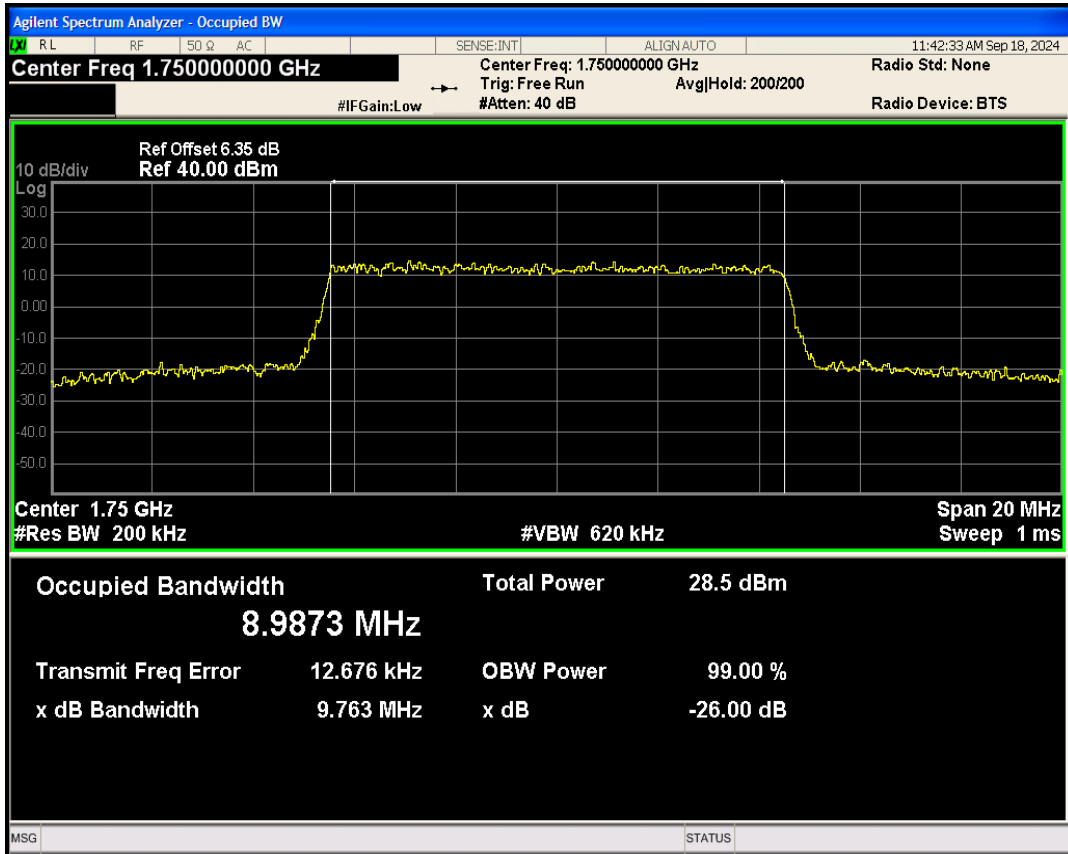
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



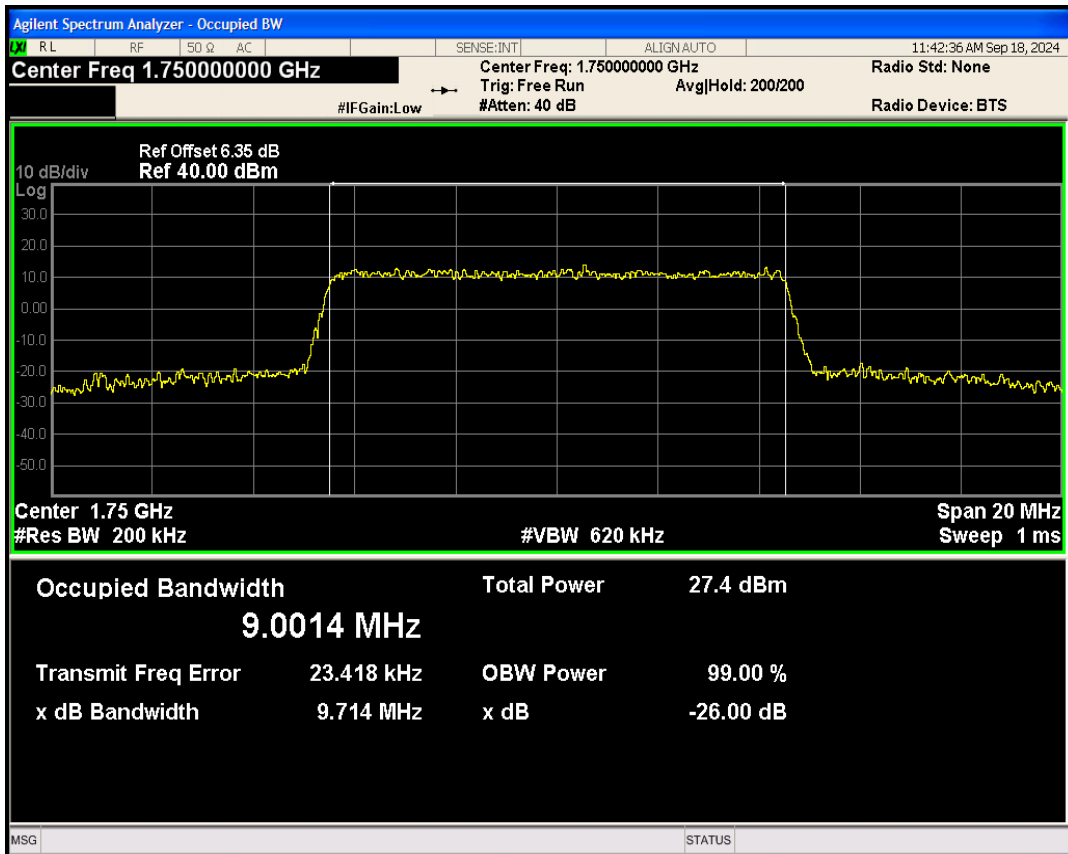
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



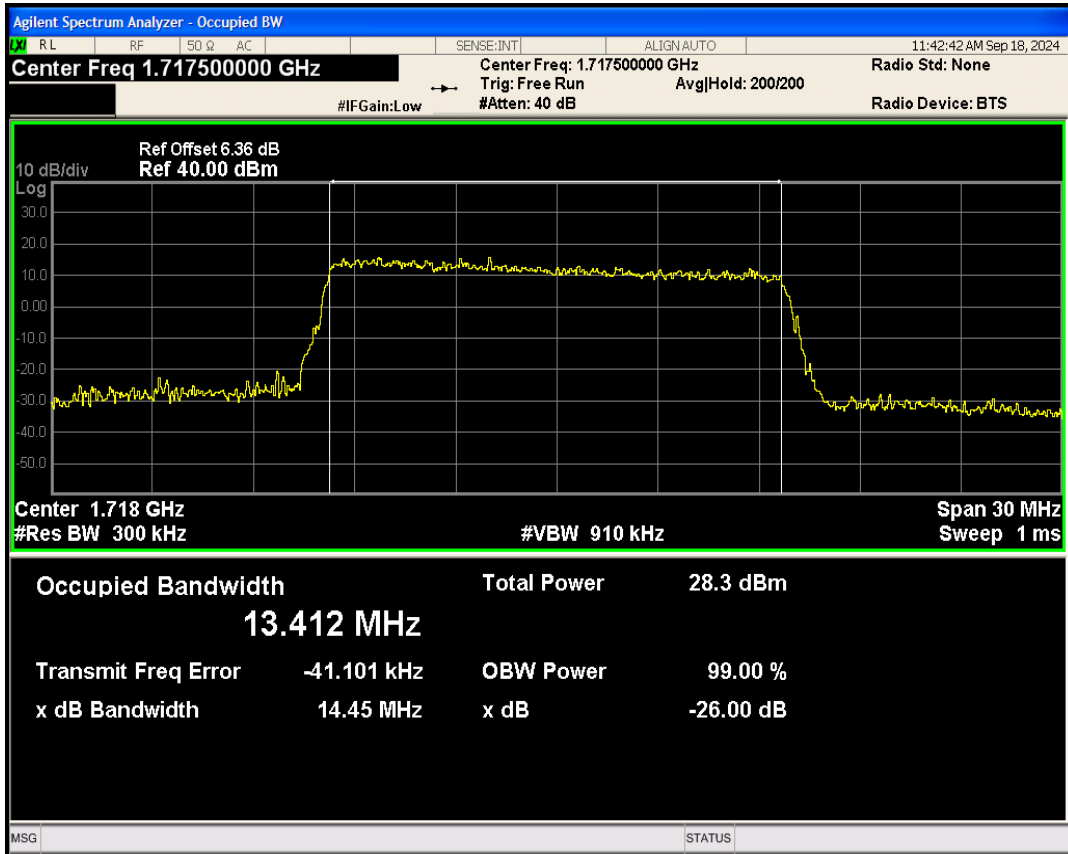
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



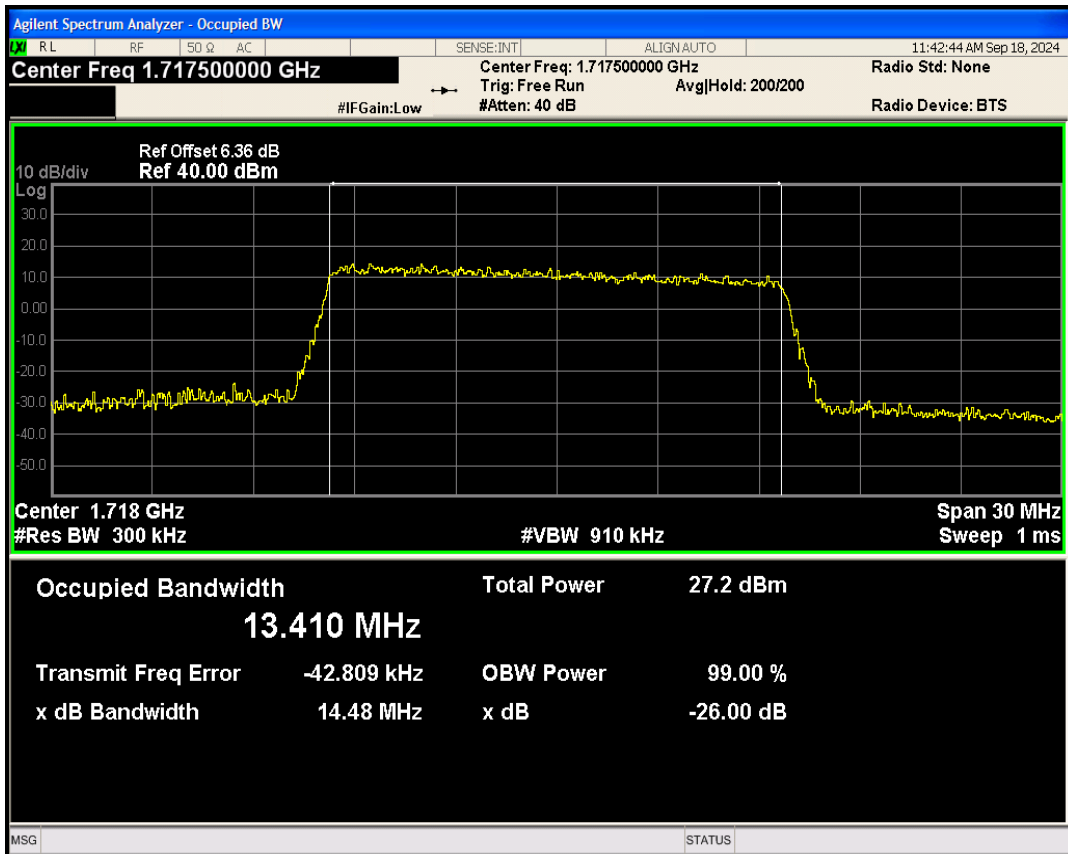
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



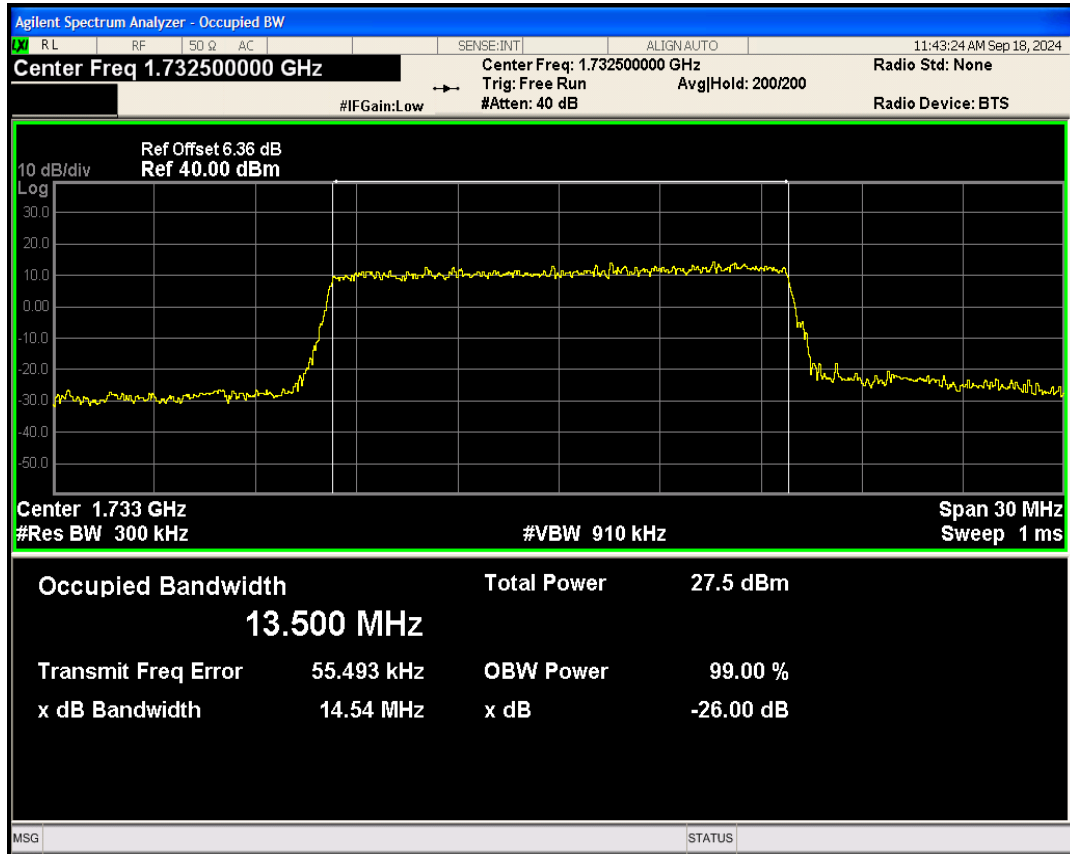
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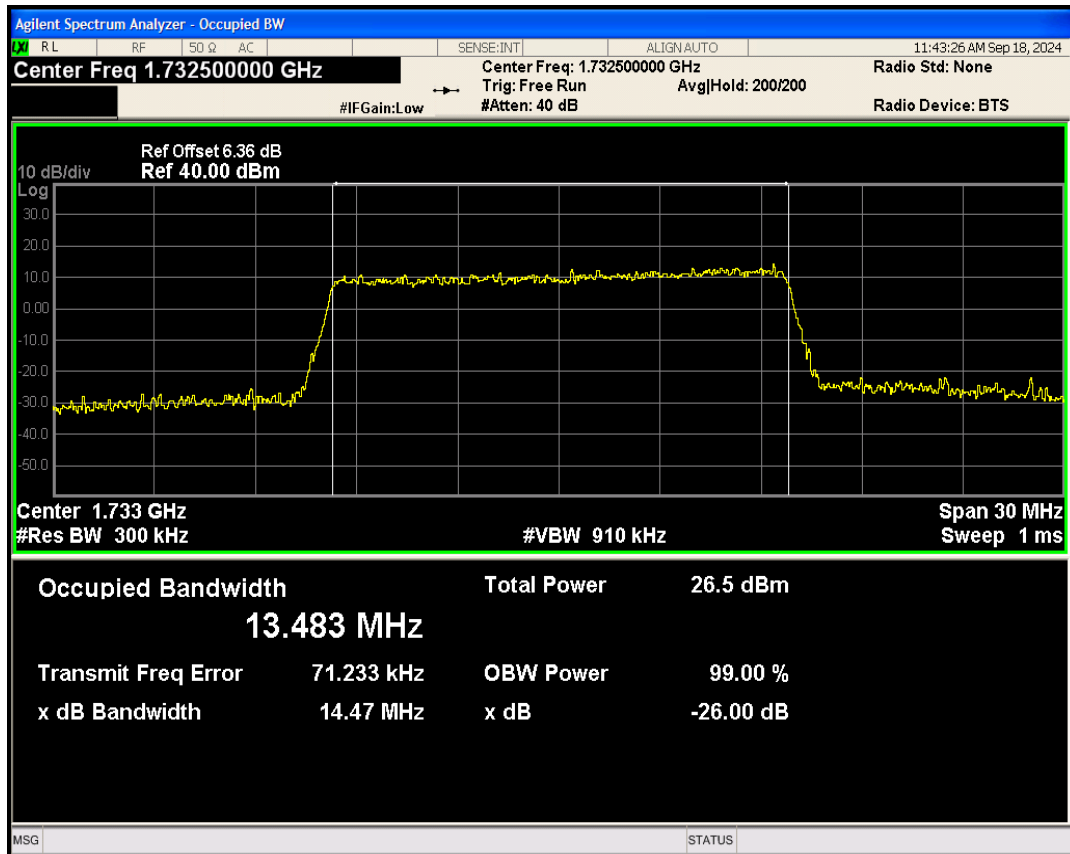
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



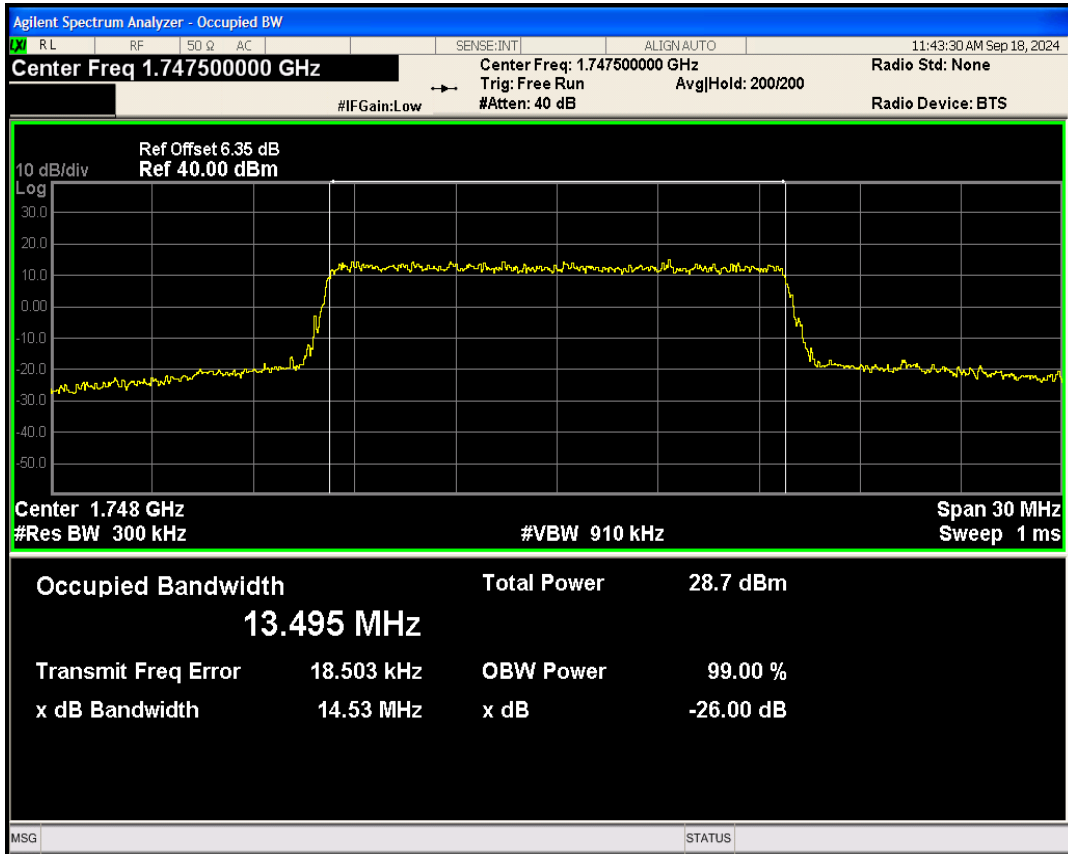
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



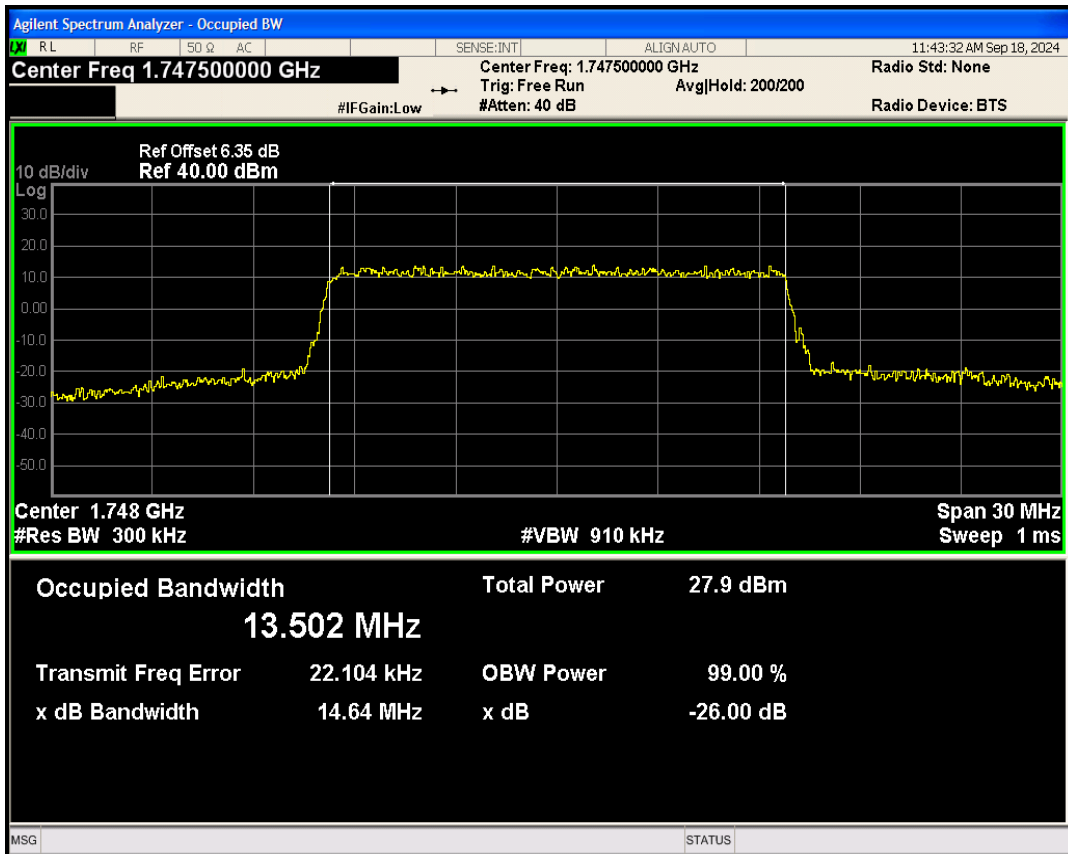
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



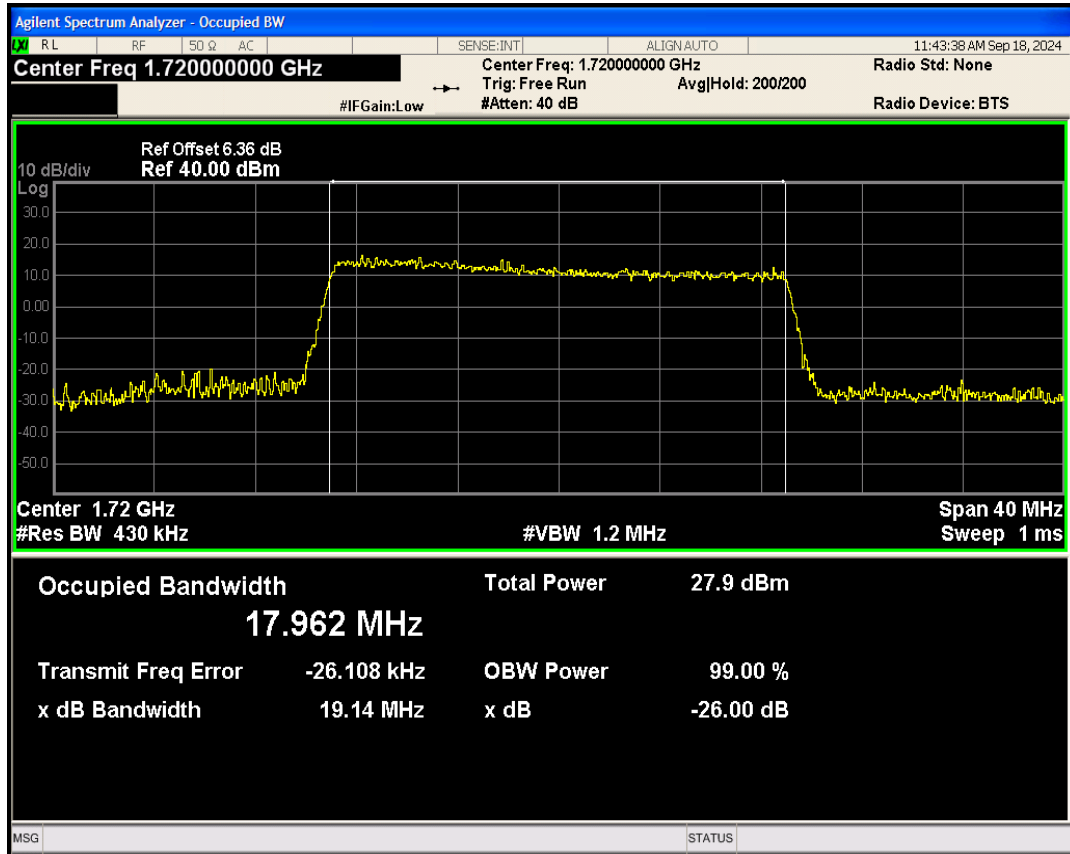
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



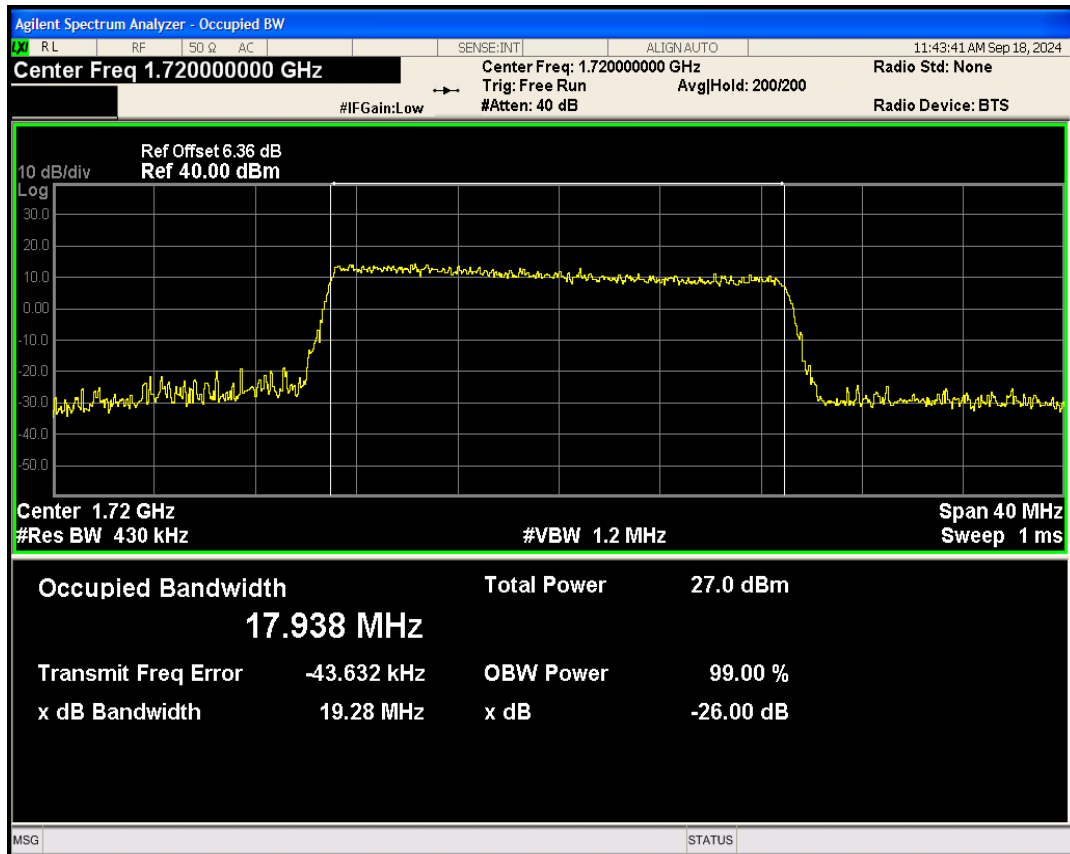
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



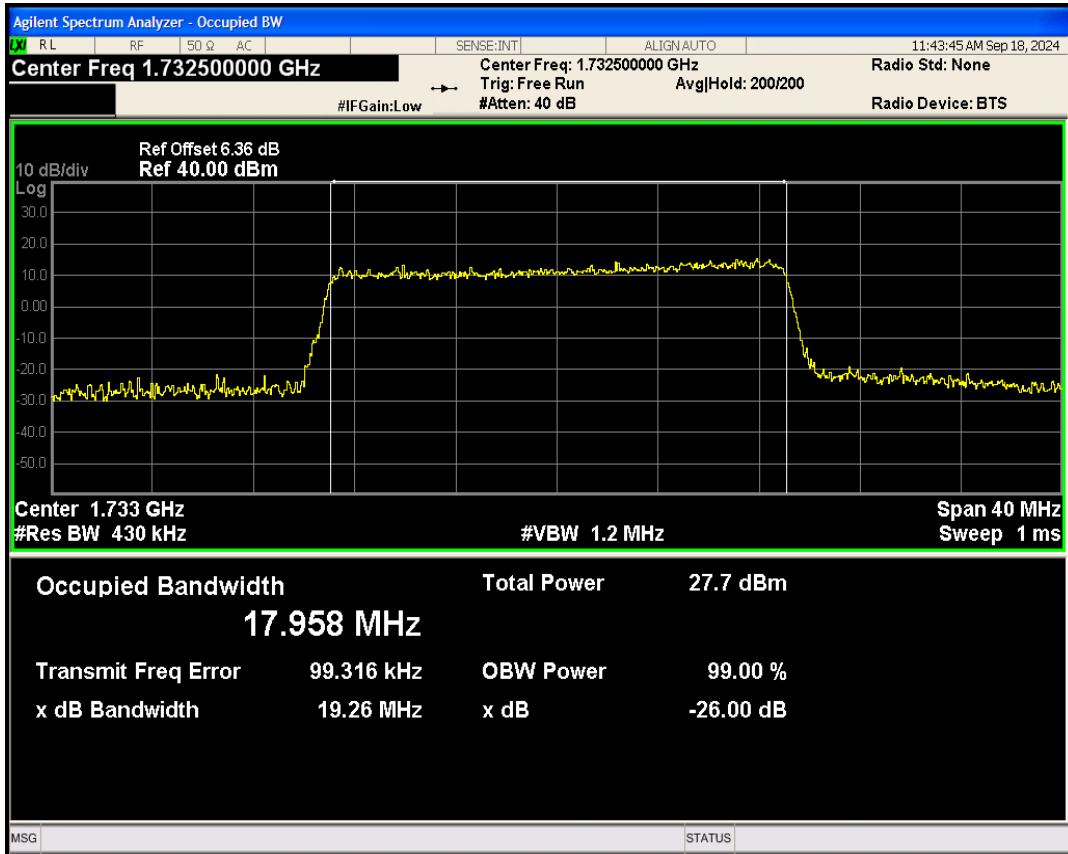
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



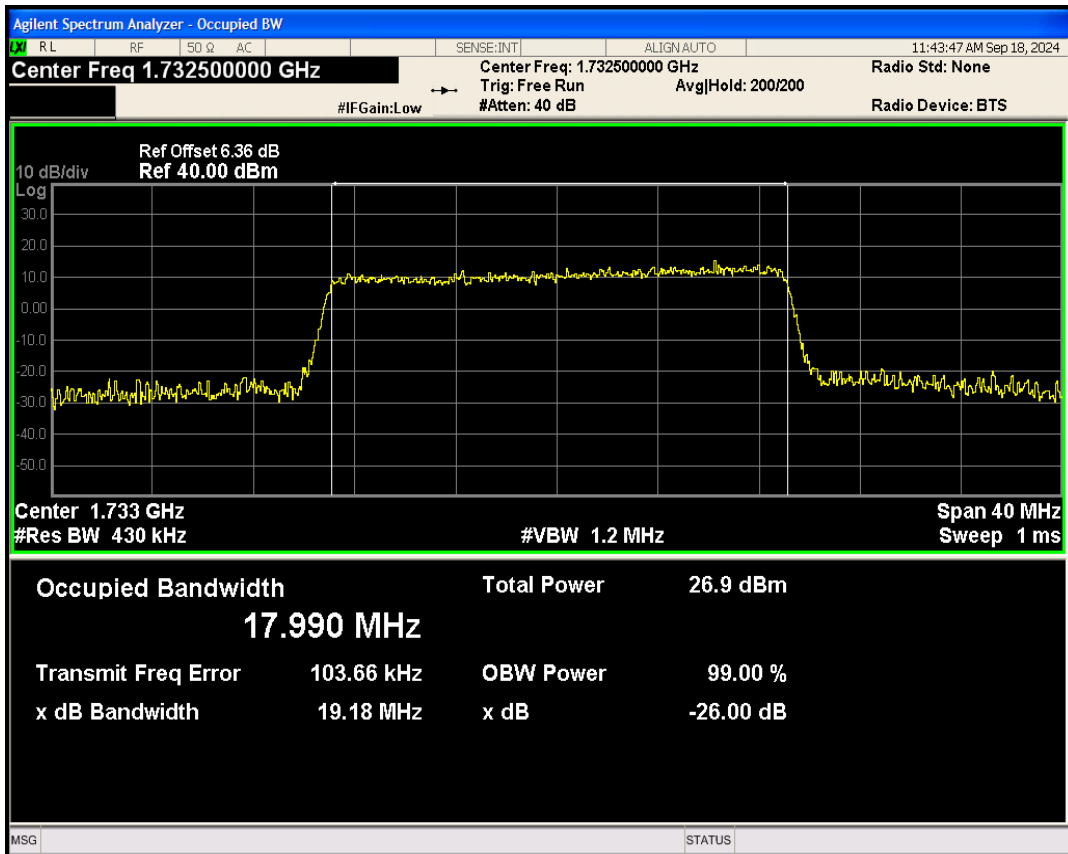
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



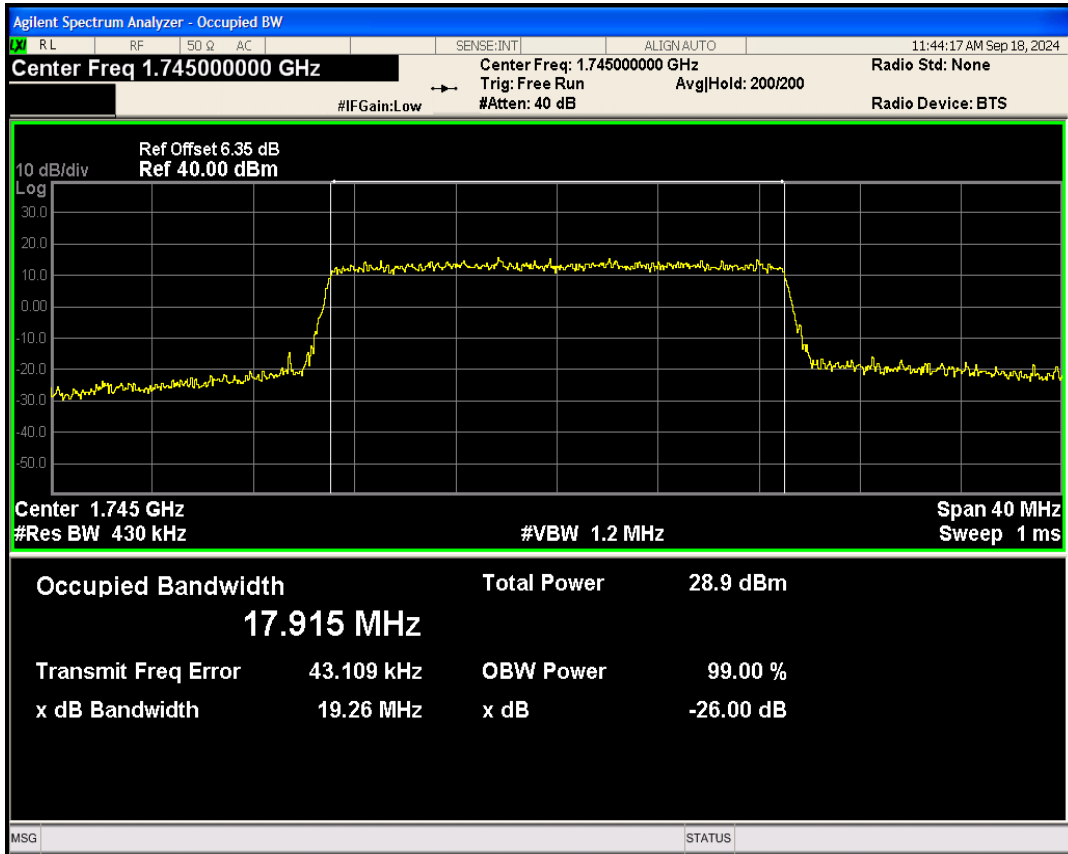
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



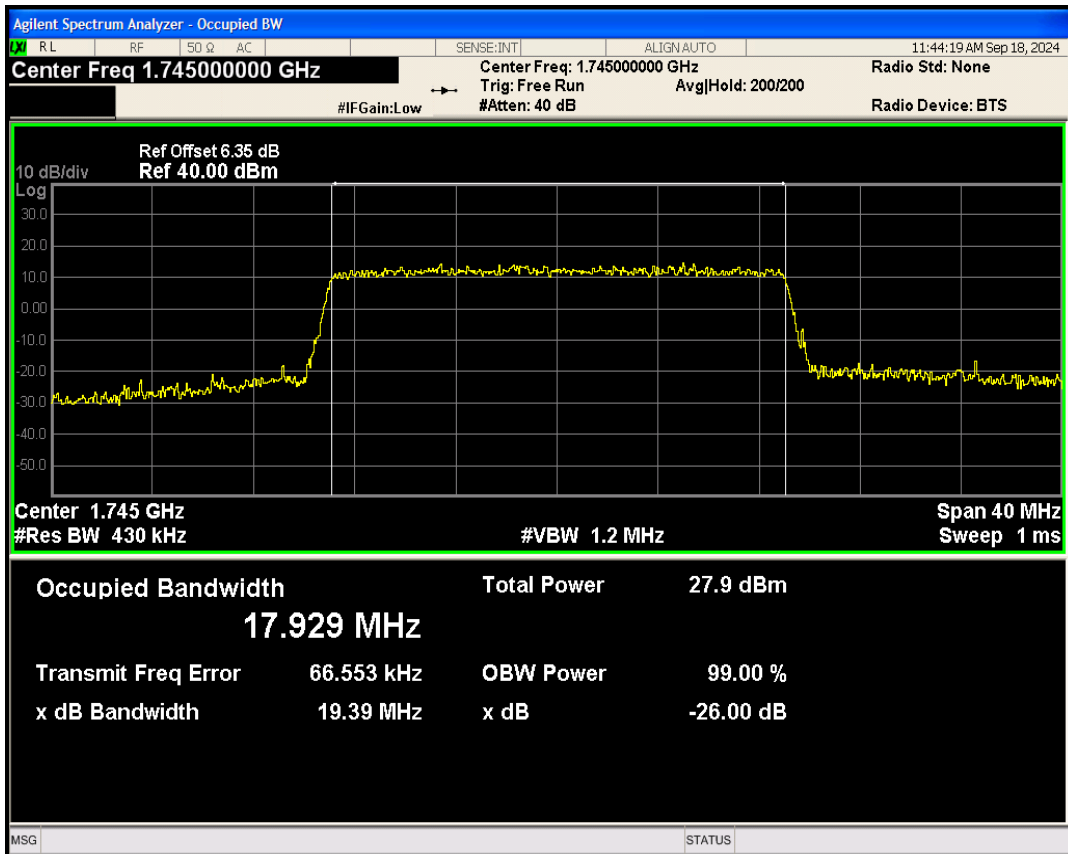
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



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



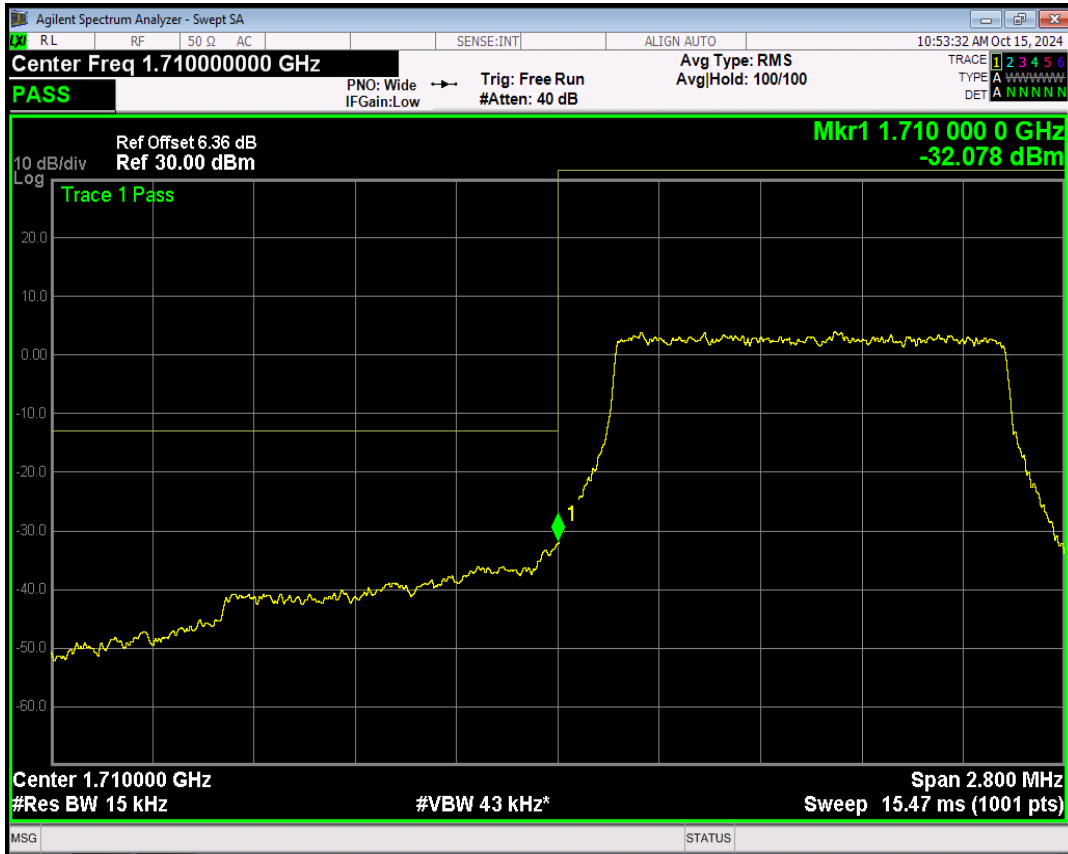
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



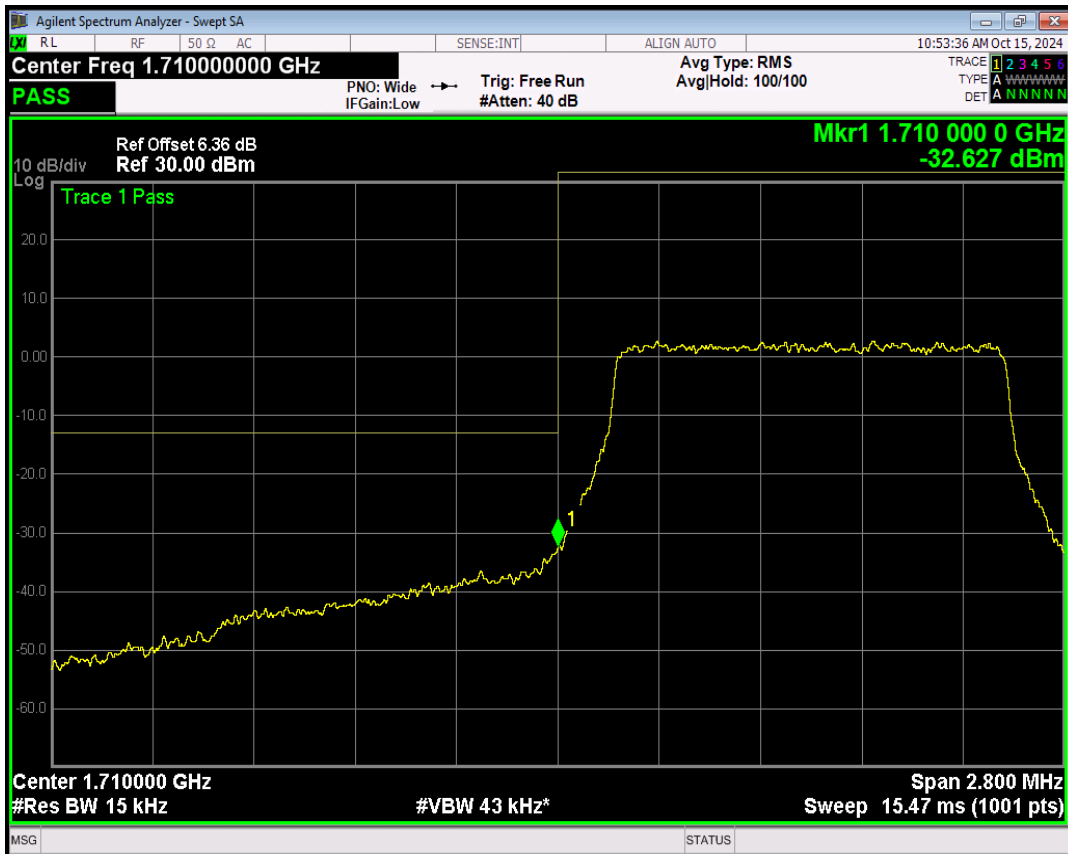
Appendix 5. Band edge

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	-32.07	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1710.00	-32.62	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.01	-31.68	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.00	-33.03	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-32.94	-13	PASS
Band4	3	19965	15	#0	16QAM	1710.00	-34.46	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-31.49	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.00	-33.84	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-31.41	-13	PASS
Band4	5	19975	25	#0	16QAM	1710.00	-34.27	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.02	-30.43	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.00	-33.04	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-36.60	-13	PASS
Band4	10	20000	50	#0	16QAM	1710.00	-36.11	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-31.34	-13	PASS
Band4	10	20350	50	#0	16QAM	1755.02	-33.78	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.91	-36.72	-13	PASS
Band4	15	20025	75	#0	16QAM	1710.00	-38.17	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.72	-29.63	-13	PASS
Band4	15	20325	75	#0	16QAM	1755.60	-33.52	-13	PASS
Band4	20	20050	100	#0	QPSK	1710.00	-37.54	-13	PASS
Band4	20	20050	100	#0	16QAM	1710.00	-37.96	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.00	-32.10	-13	PASS
Band4	20	20300	100	#0	16QAM	1755.04	-33.66	-13	PASS

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



Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



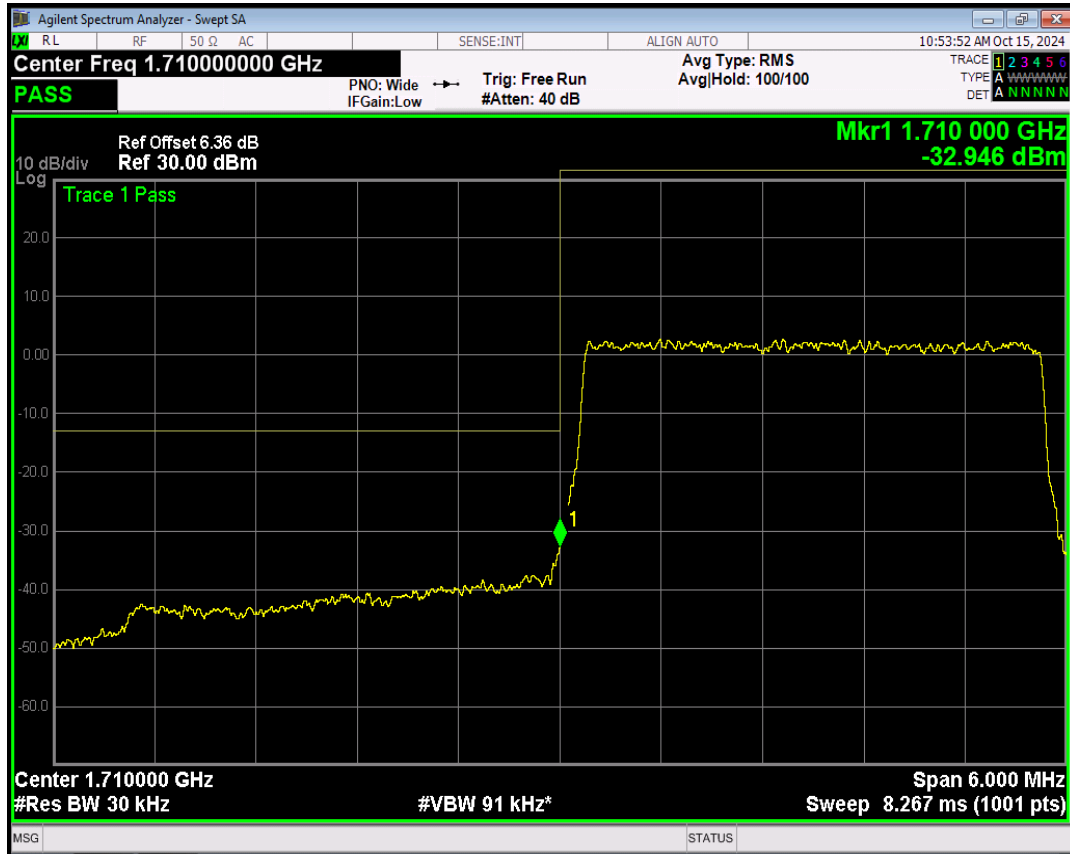
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



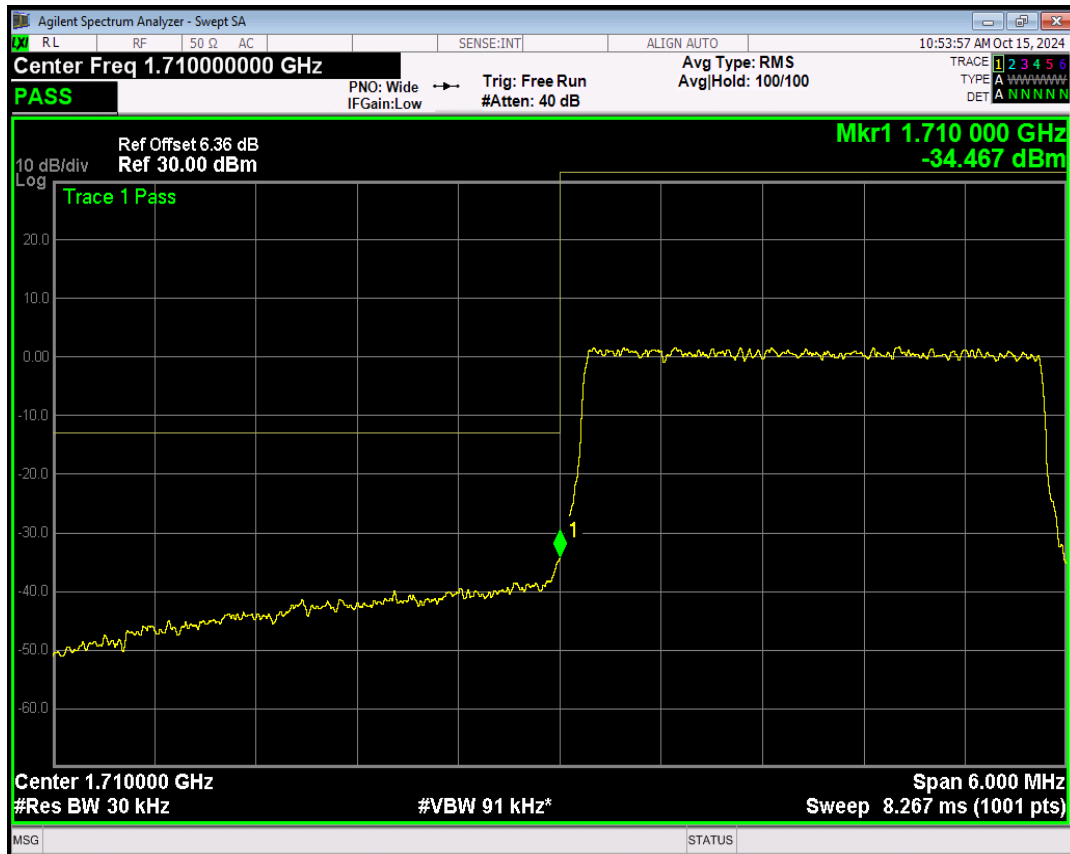
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



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



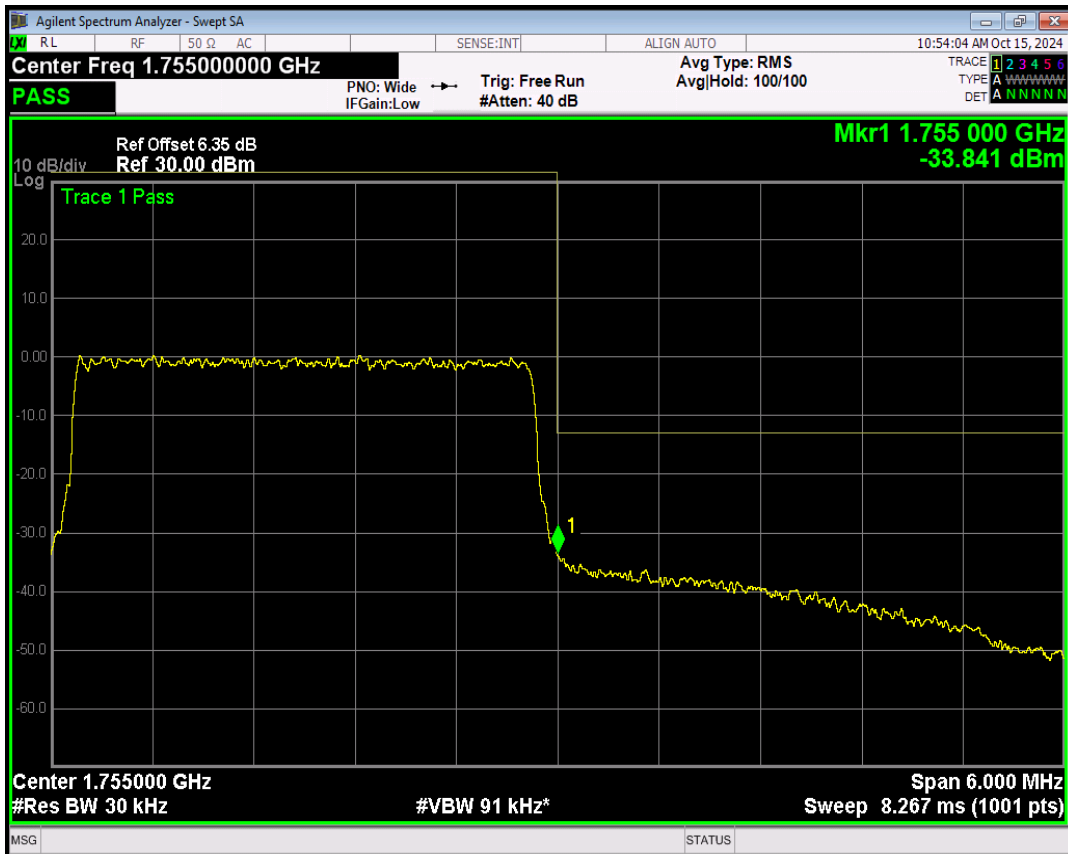
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



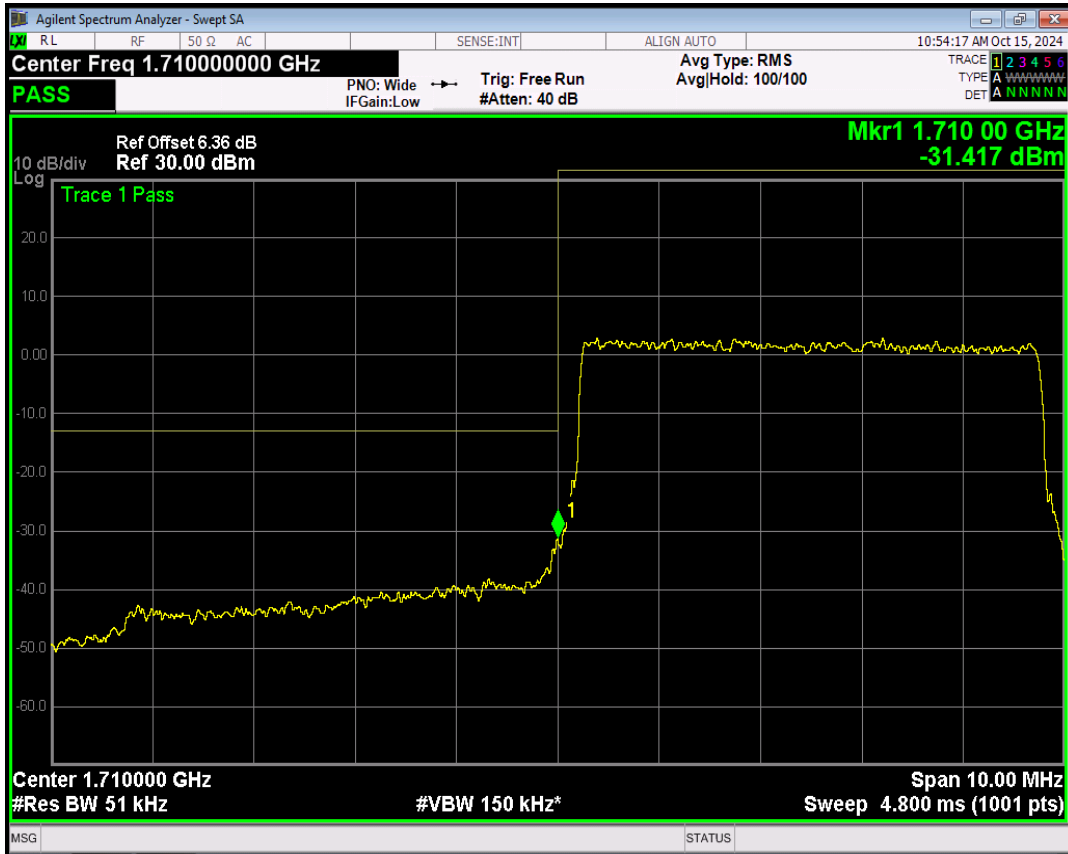
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



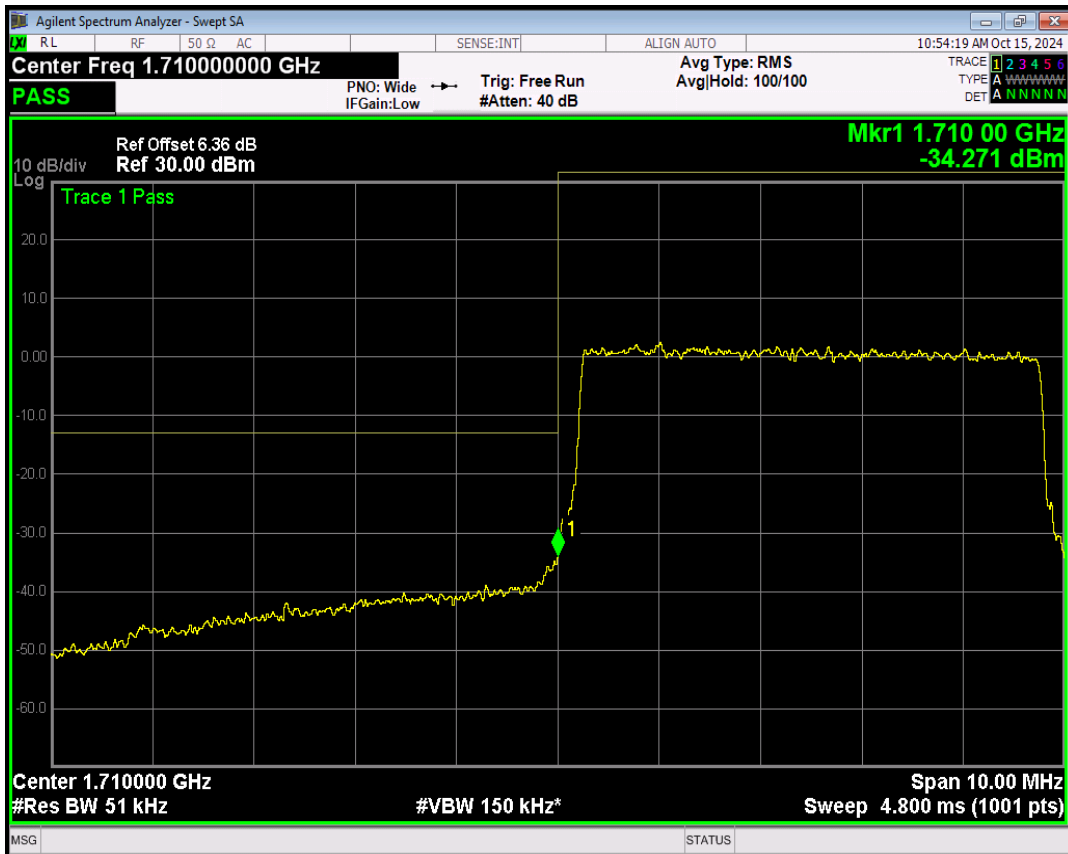
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



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



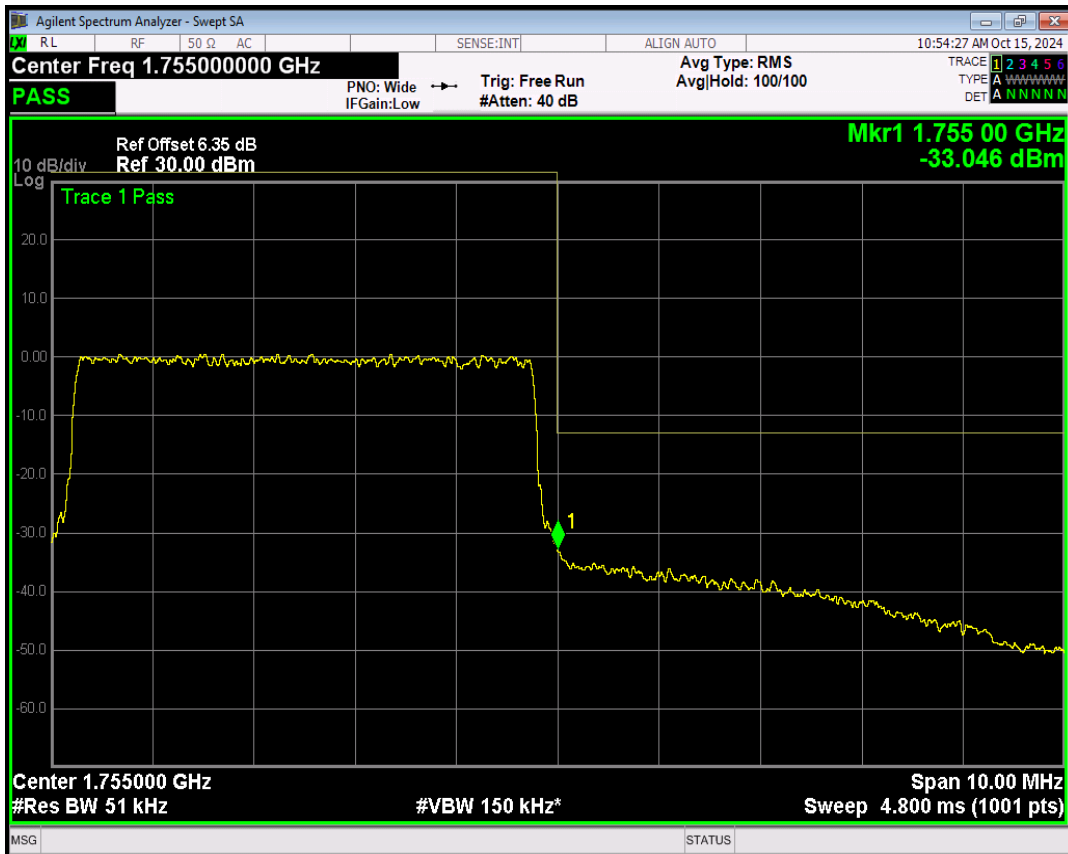
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



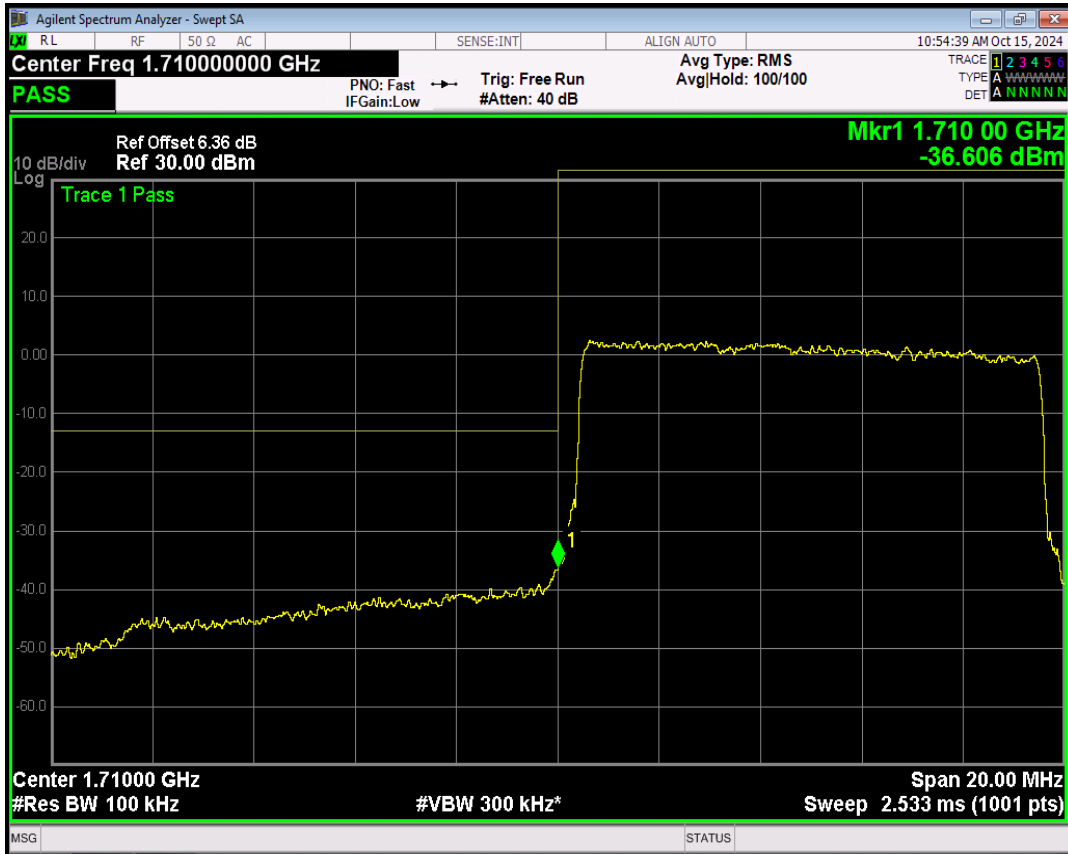
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



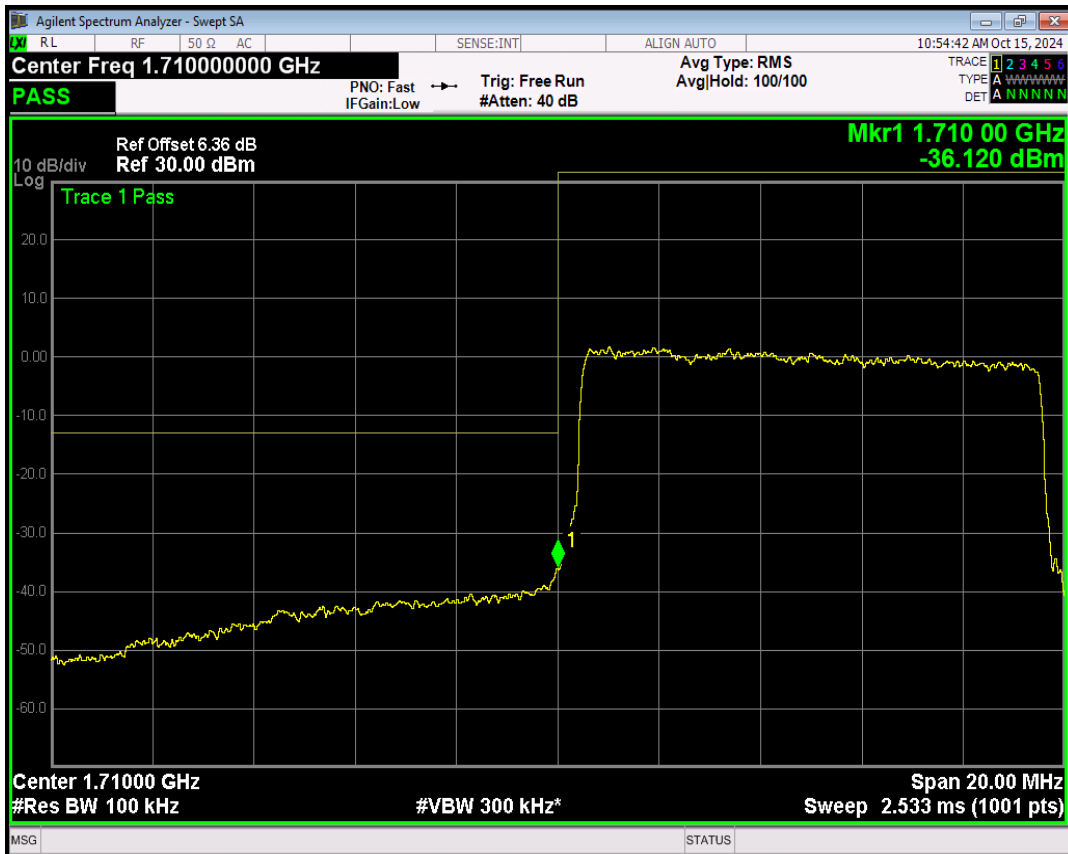
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



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



Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



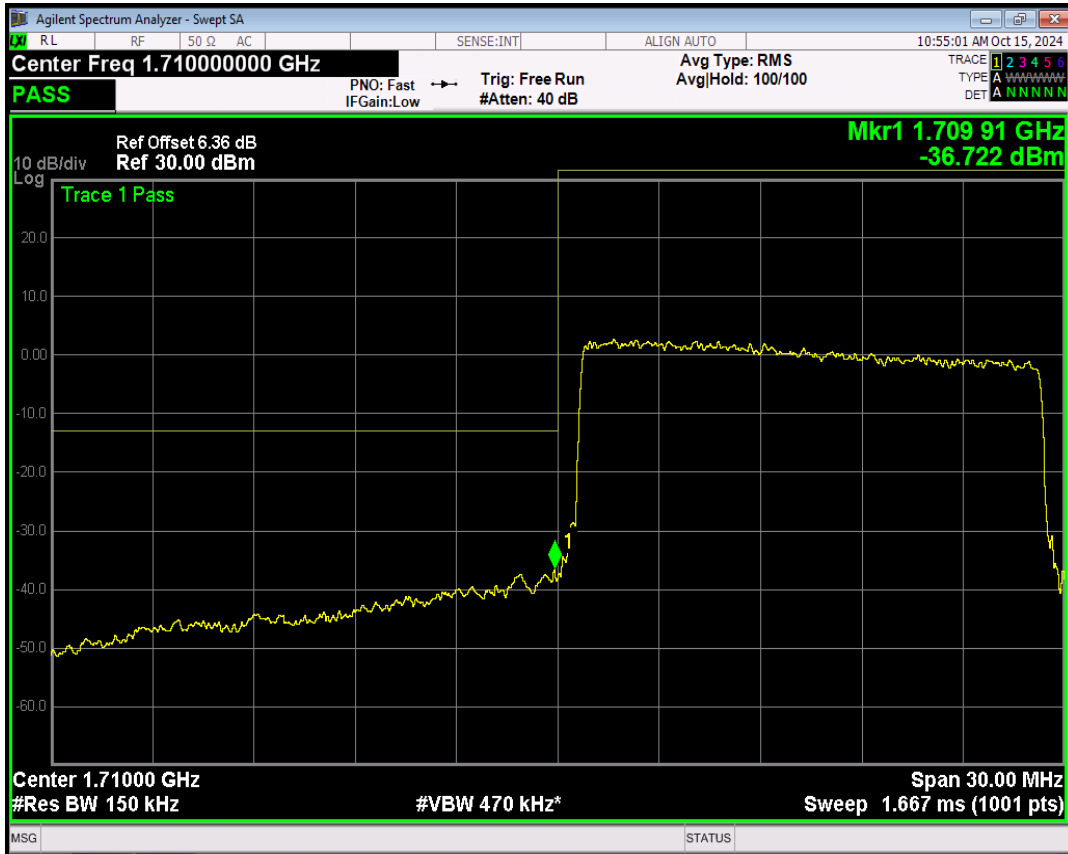
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



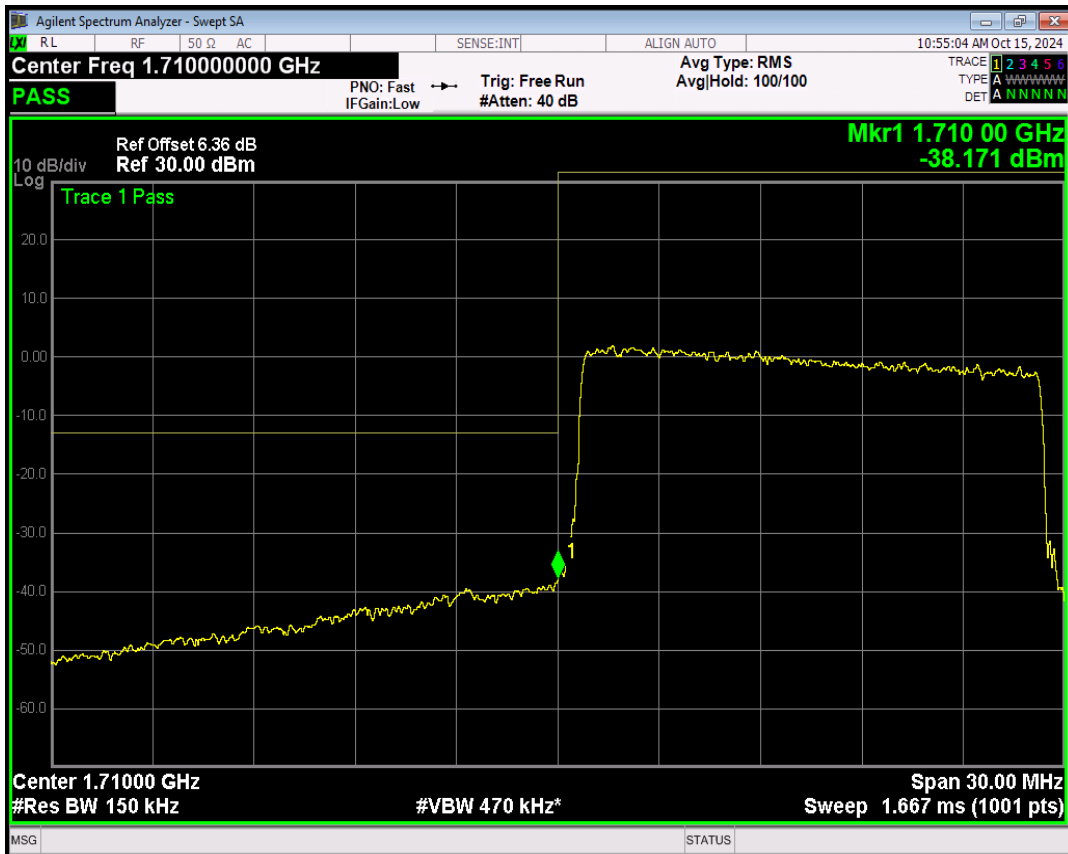
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



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



Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



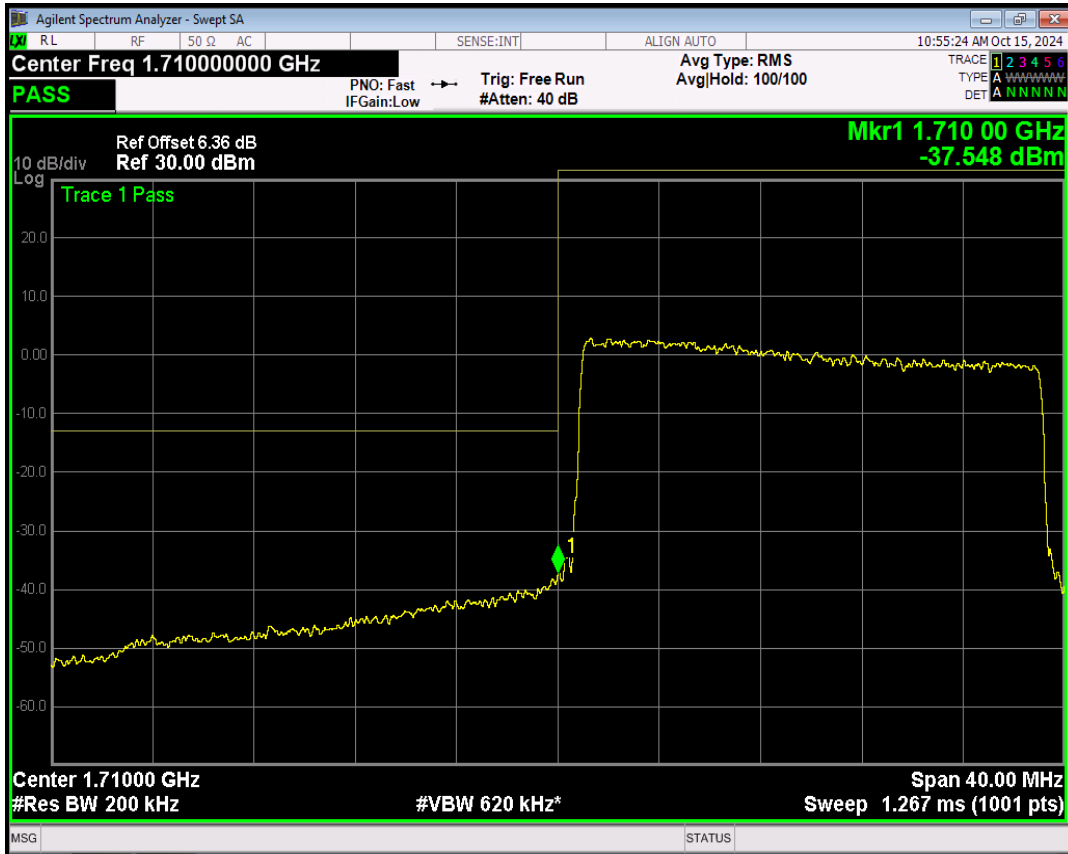
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



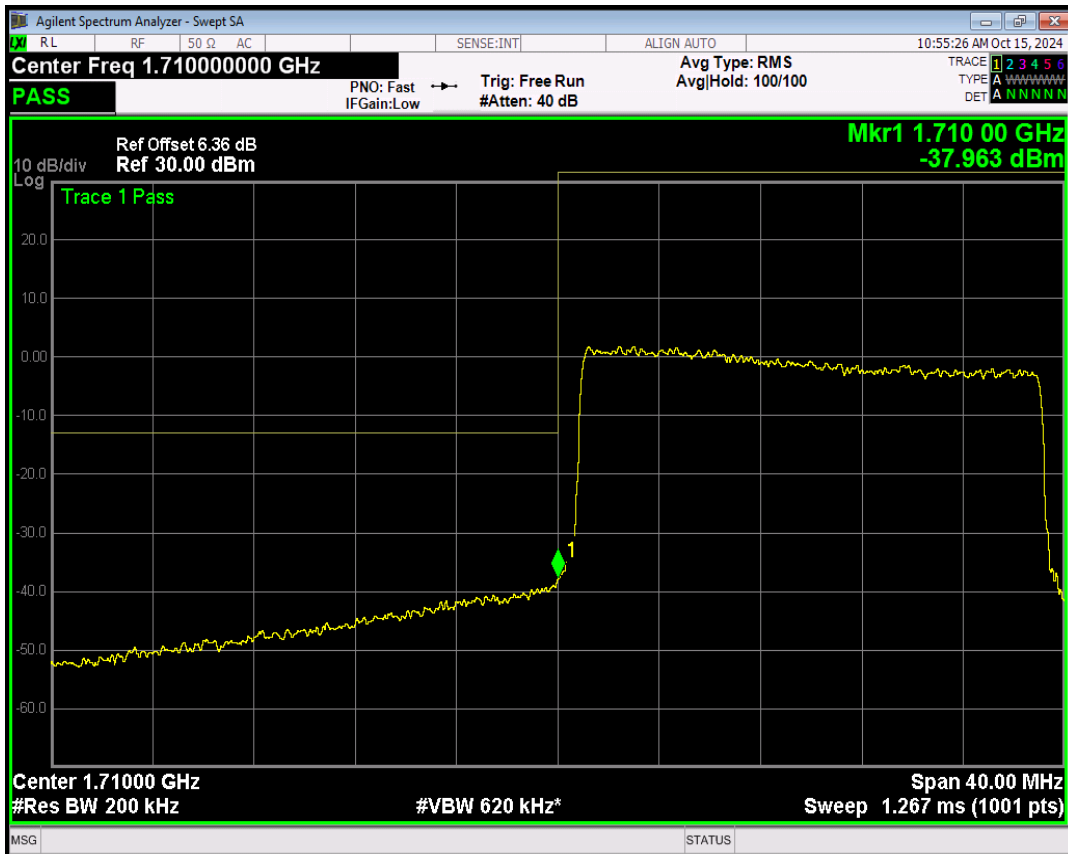
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



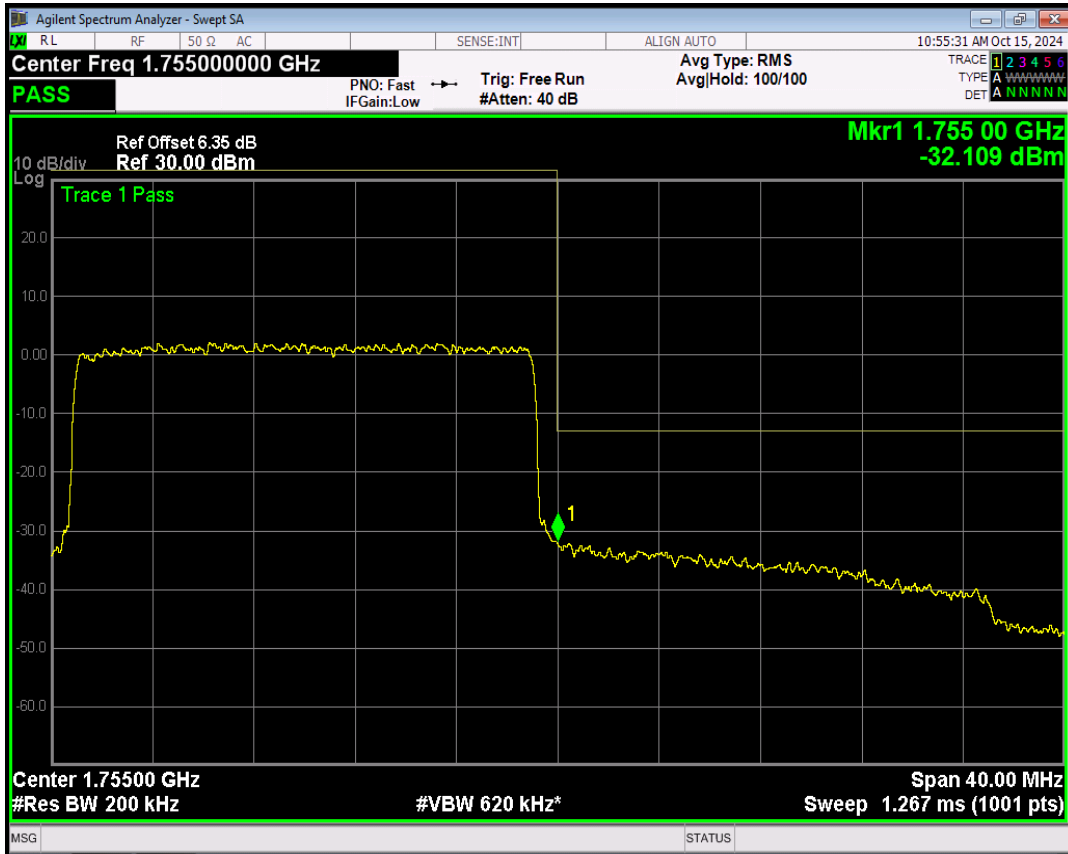
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



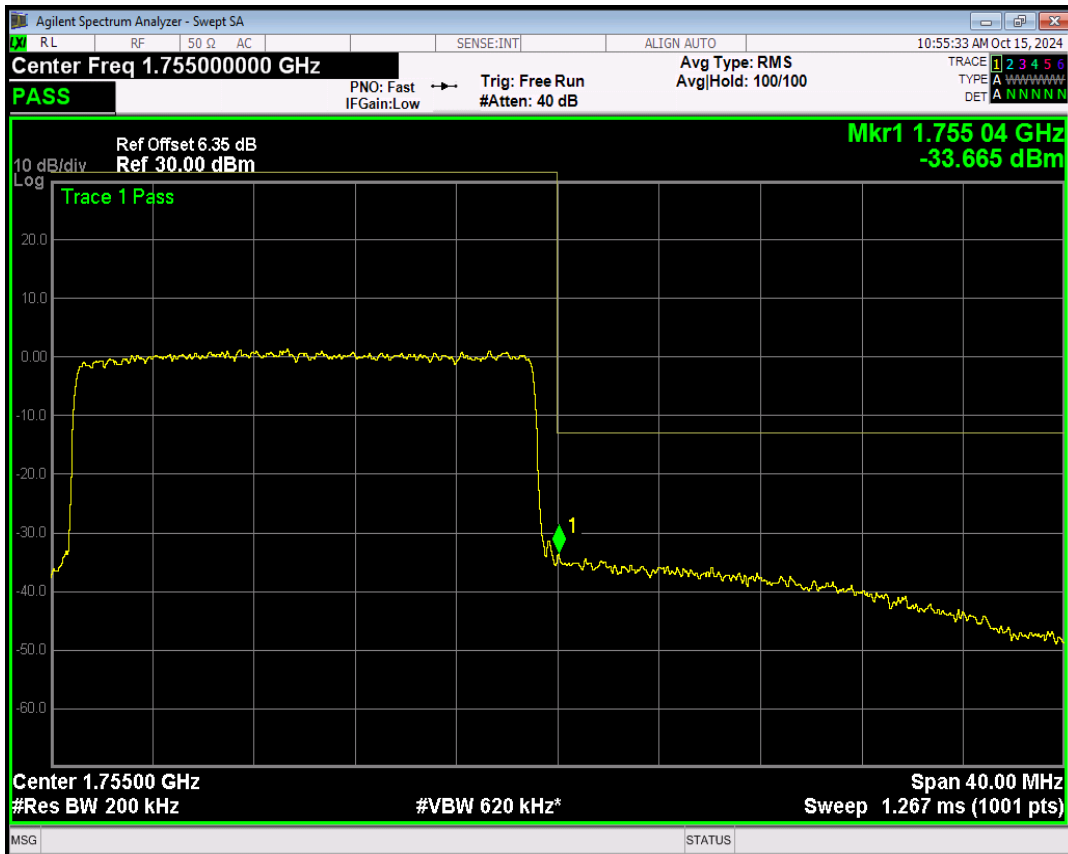
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



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



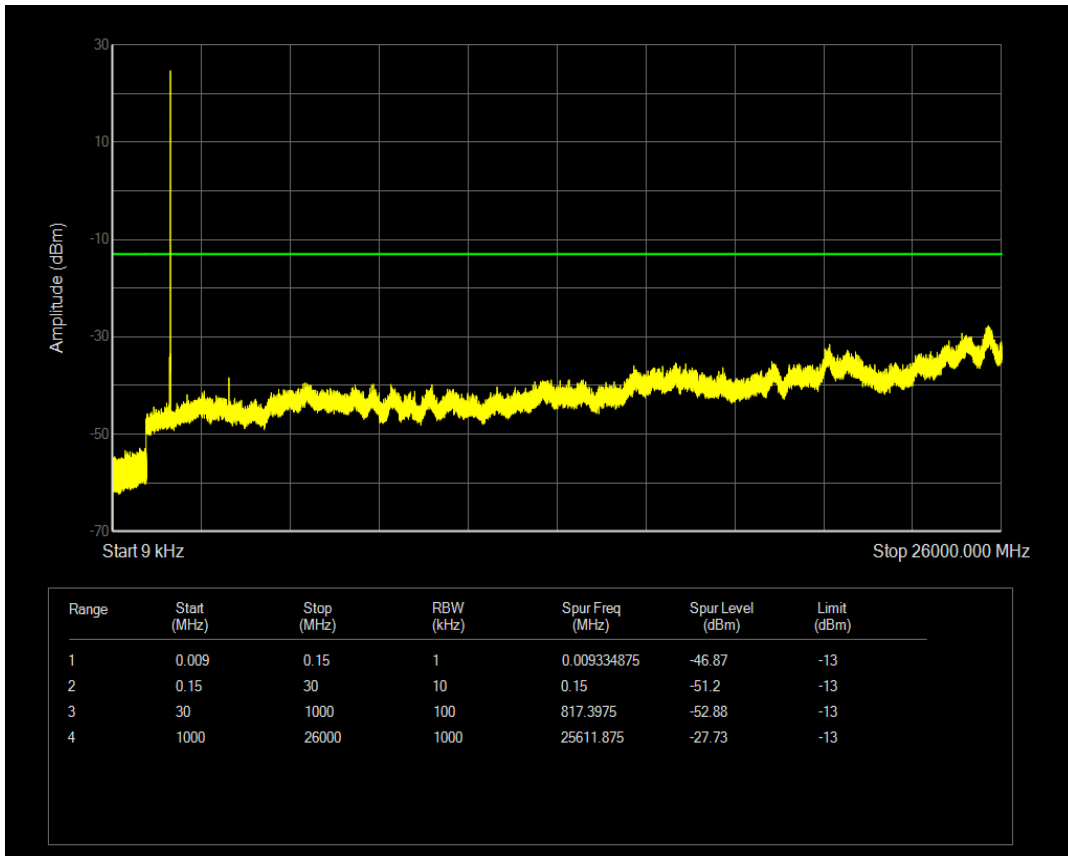
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



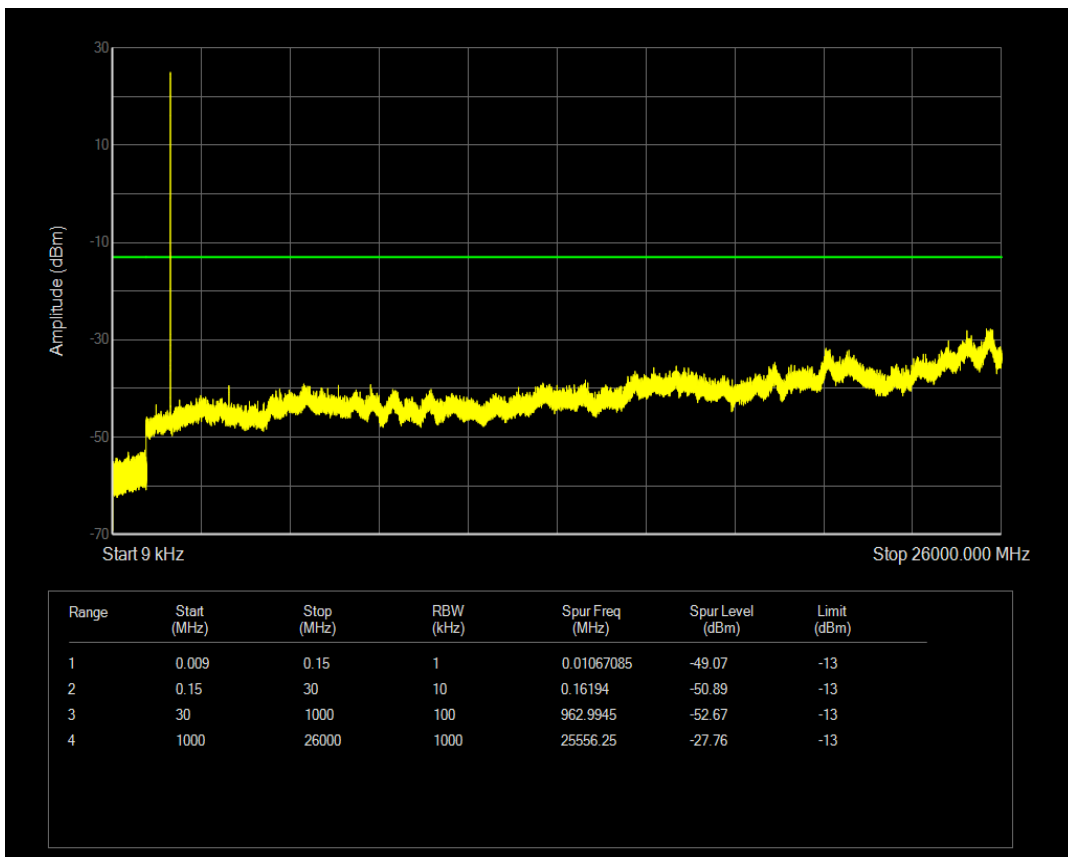
Appendix 6. Out-of-band emissions

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	25611.88	-27.73	-13	PASS
Band4	1.4	19957	6	#0	16QAM	25556.25	-27.76	-13	PASS
Band4	1.4	20175	6	#0	QPSK	25665.63	-27.25	-13	PASS
Band4	1.4	20175	6	#0	16QAM	25686.88	-27.46	-13	PASS
Band4	1.4	20393	6	#0	QPSK	25659.38	-27.39	-13	PASS
Band4	1.4	20393	6	#0	16QAM	25652.50	-26.65	-13	PASS
Band4	3	19965	15	#0	QPSK	25642.50	-26.87	-13	PASS
Band4	3	19965	15	#0	16QAM	25615.63	-27.66	-13	PASS
Band4	3	20175	15	#0	QPSK	25654.38	-27.41	-13	PASS
Band4	3	20175	15	#0	16QAM	25674.38	-27.66	-13	PASS
Band4	3	20385	15	#0	QPSK	25541.25	-27.56	-13	PASS
Band4	3	20385	15	#0	16QAM	25702.50	-27.66	-13	PASS
Band4	5	19975	25	#0	QPSK	25703.75	-26.42	-13	PASS
Band4	5	19975	25	#0	16QAM	25625.00	-26.50	-13	PASS
Band4	5	20175	25	#0	QPSK	25670.00	-27.42	-13	PASS
Band4	5	20175	25	#0	16QAM	25663.13	-27.60	-13	PASS
Band4	5	20375	25	#0	QPSK	25638.13	-27.88	-13	PASS
Band4	5	20375	25	#0	16QAM	25695.00	-27.79	-13	PASS
Band4	10	20000	50	#0	QPSK	25622.50	-27.89	-13	PASS
Band4	10	20000	50	#0	16QAM	25634.38	-27.09	-13	PASS
Band4	10	20175	50	#0	QPSK	25656.25	-27.98	-13	PASS
Band4	10	20175	50	#0	16QAM	25717.50	-27.53	-13	PASS
Band4	10	20350	50	#0	QPSK	25677.50	-27.93	-13	PASS
Band4	10	20350	50	#0	16QAM	25560.63	-27.29	-13	PASS
Band4	15	20025	75	#0	QPSK	25608.75	-27.02	-13	PASS
Band4	15	20025	75	#0	16QAM	25640.00	-27.50	-13	PASS
Band4	15	20175	75	#0	QPSK	25640.00	-27.15	-13	PASS
Band4	15	20175	75	#0	16QAM	25656.88	-27.63	-13	PASS
Band4	15	20325	75	#0	QPSK	25659.38	-27.46	-13	PASS
Band4	15	20325	75	#0	16QAM	25658.13	-27.44	-13	PASS
Band4	20	20050	100	#0	QPSK	25765.00	-27.75	-13	PASS
Band4	20	20050	100	#0	16QAM	25631.88	-27.65	-13	PASS
Band4	20	20175	100	#0	QPSK	25613.75	-27.33	-13	PASS
Band4	20	20175	100	#0	16QAM	25639.38	-26.90	-13	PASS
Band4	20	20300	100	#0	QPSK	25608.13	-27.95	-13	PASS
Band4	20	20300	100	#0	16QAM	25610.63	-27.51	-13	PASS

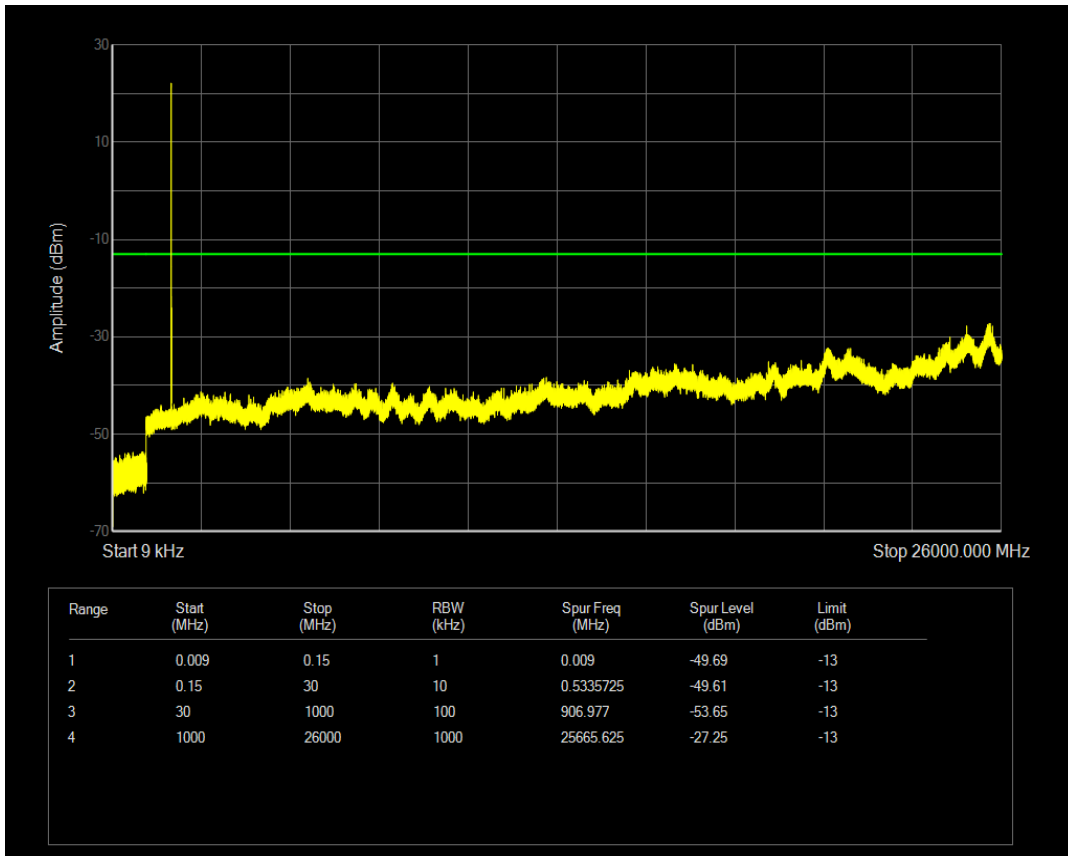
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



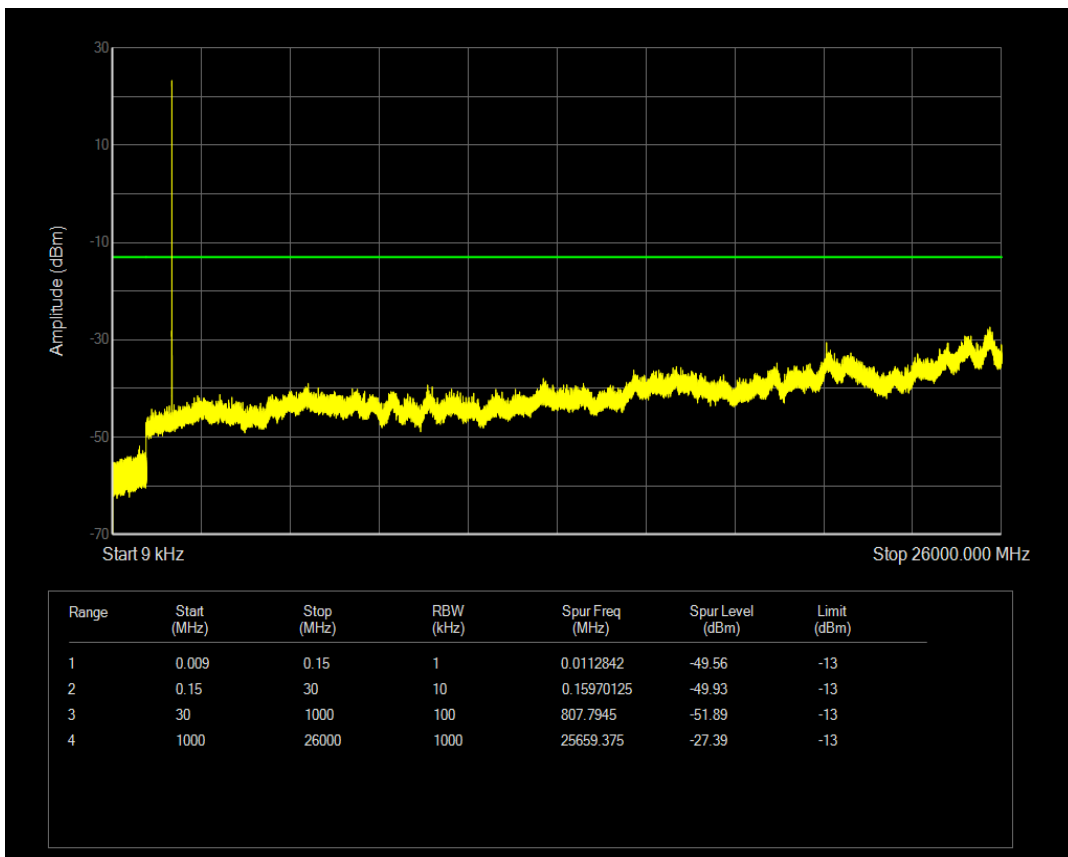
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



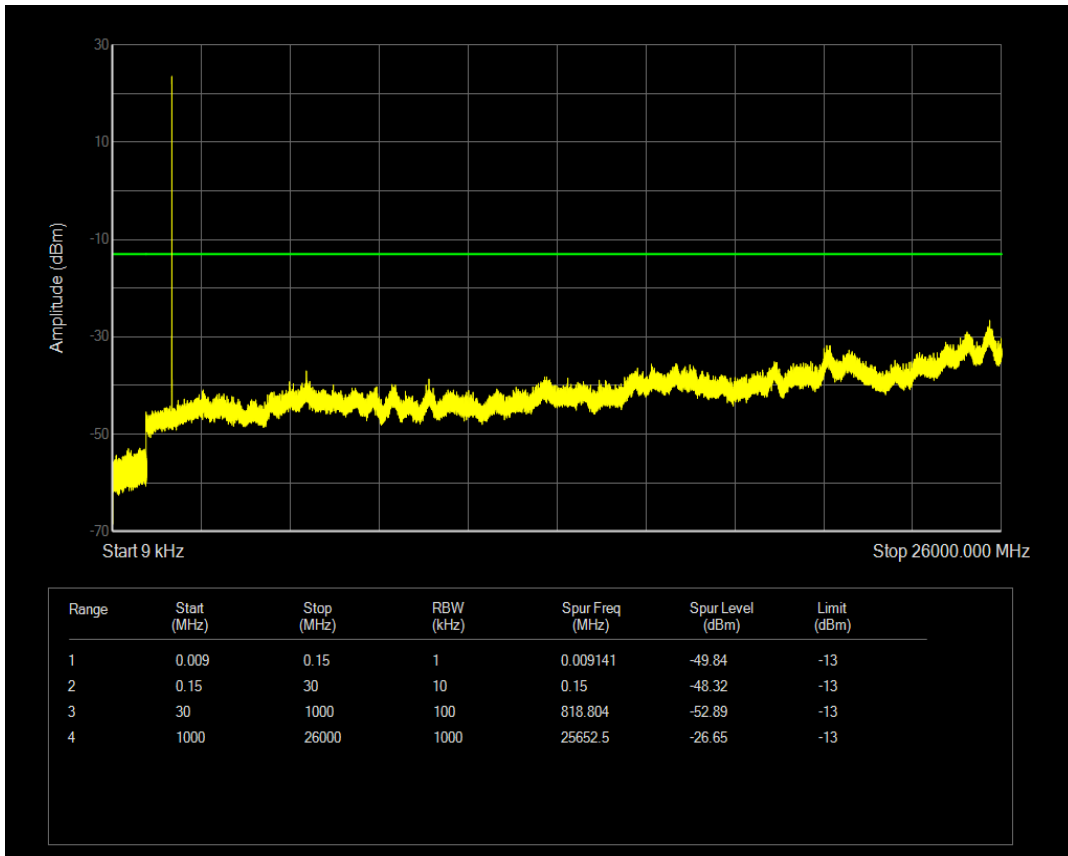
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



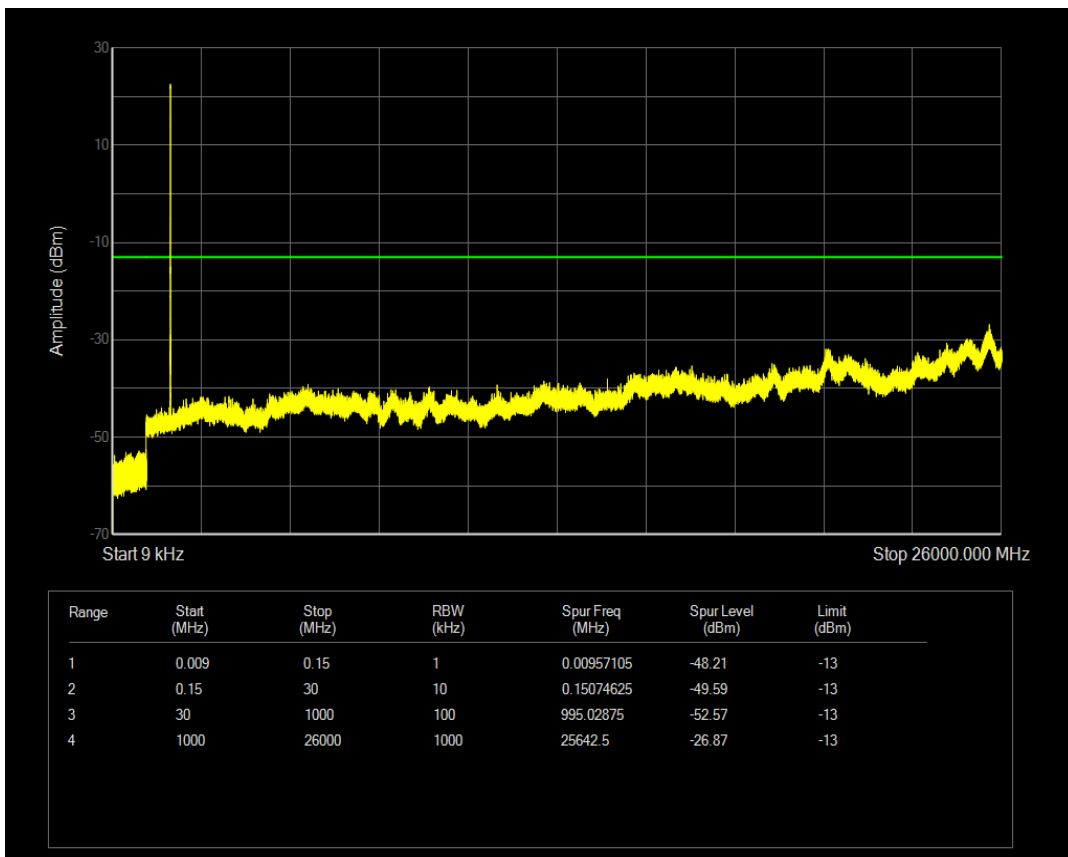
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



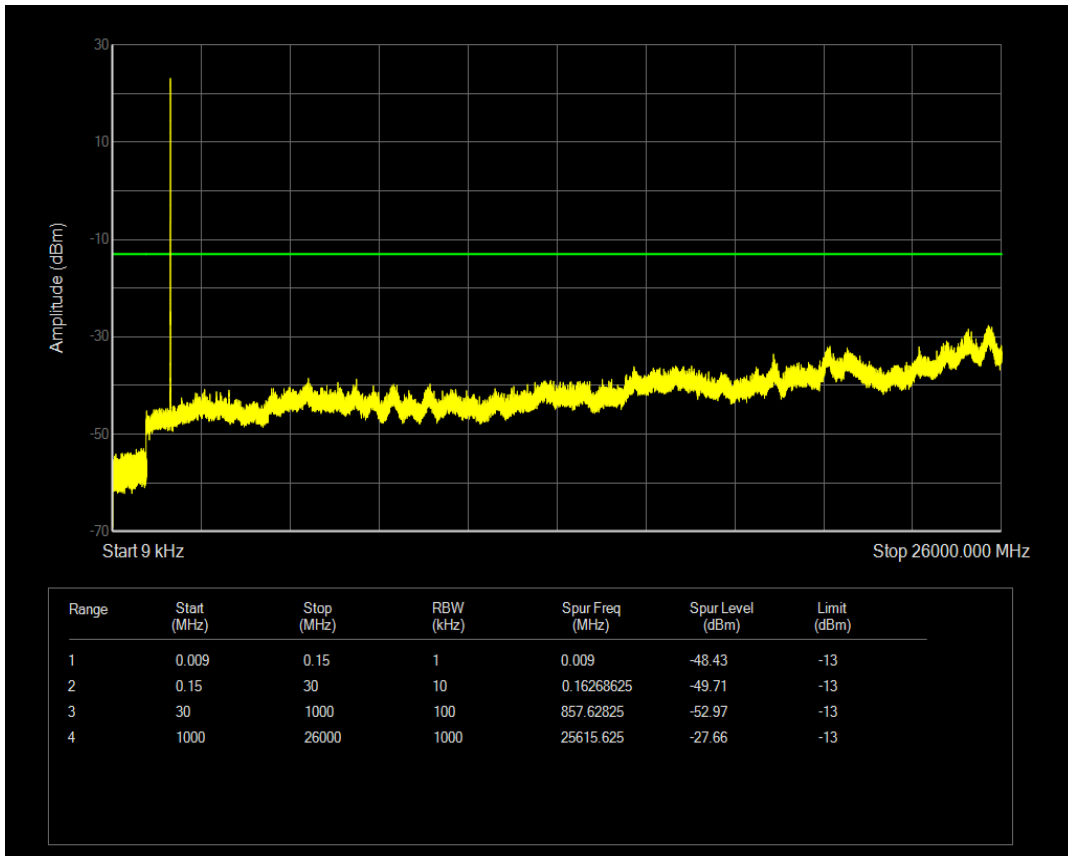
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



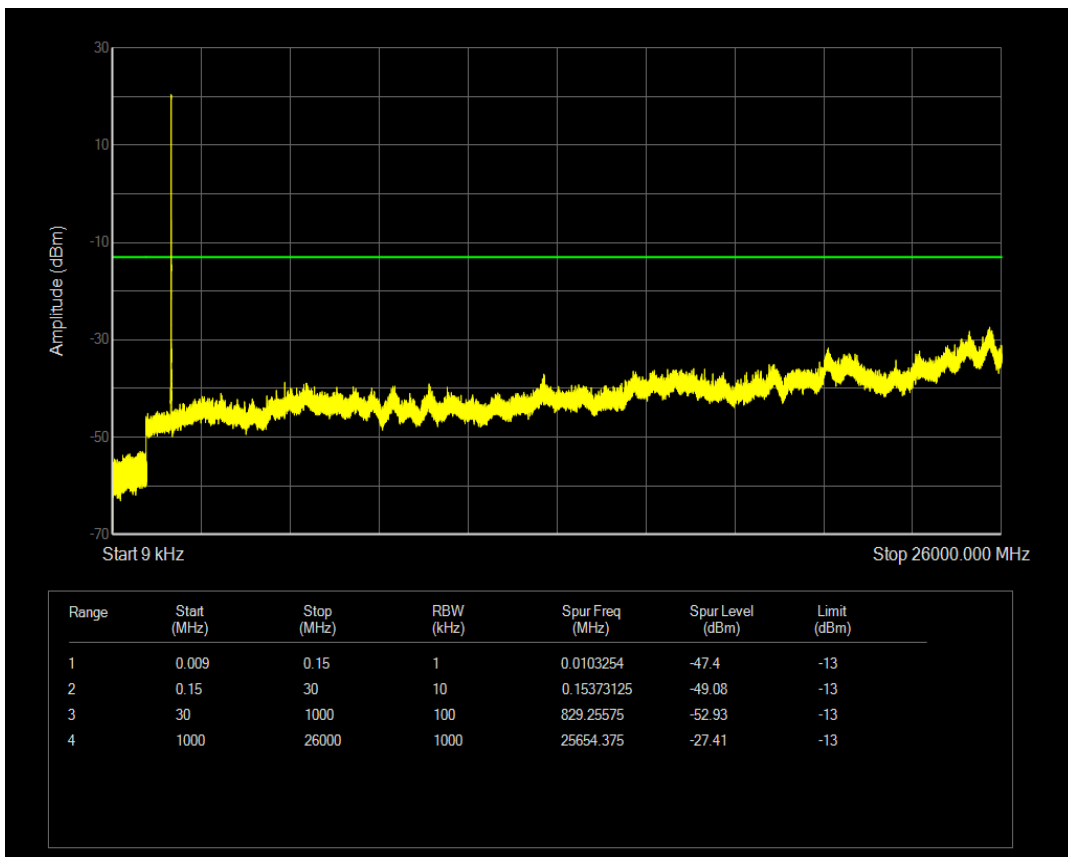
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



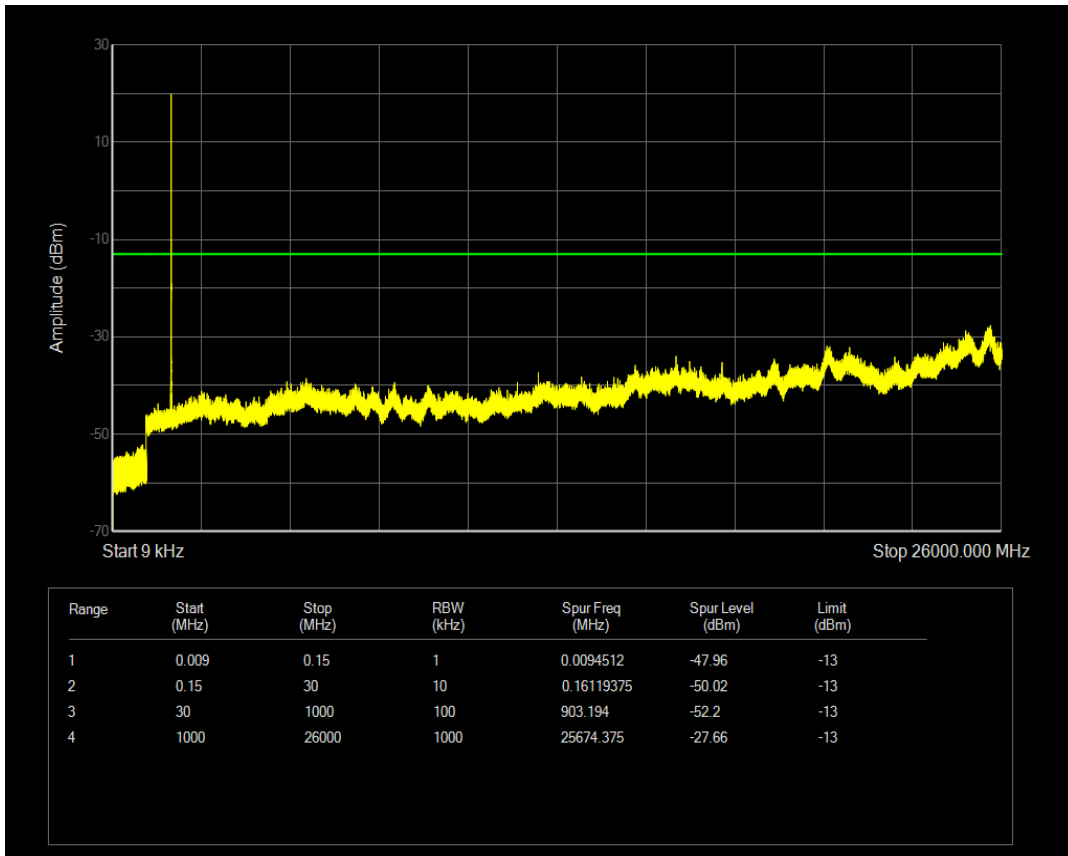
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



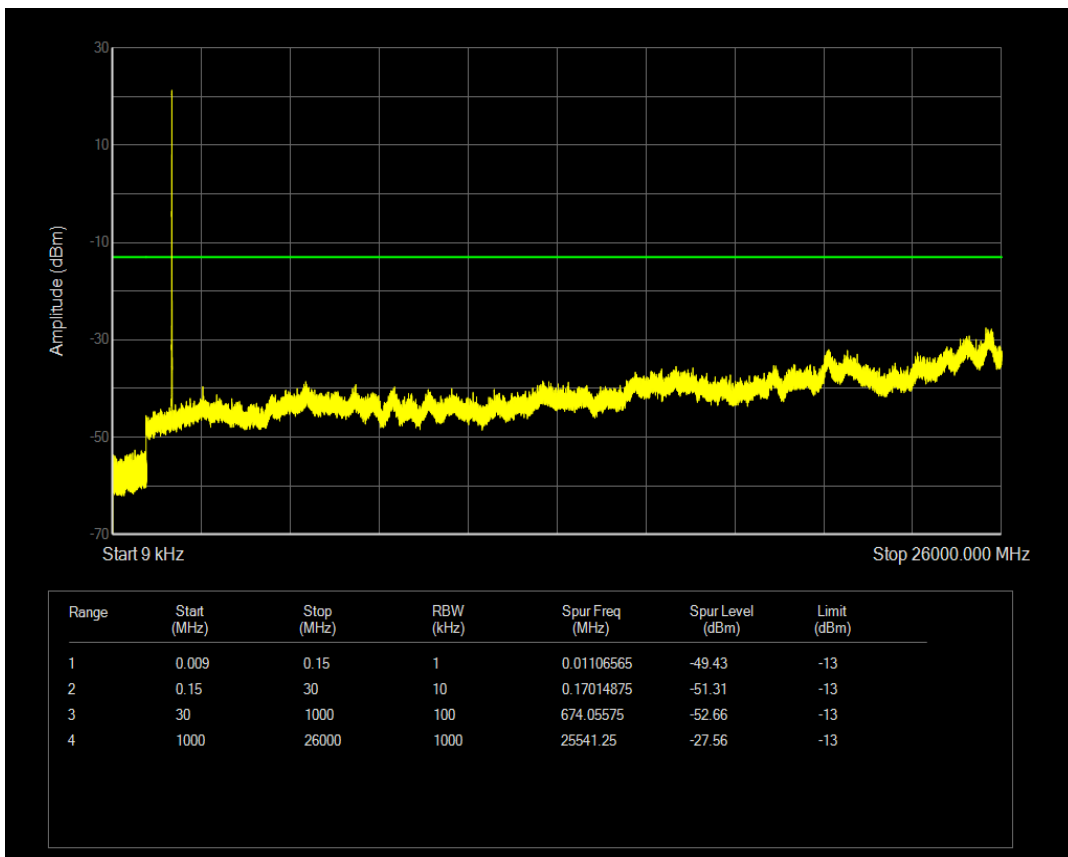
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



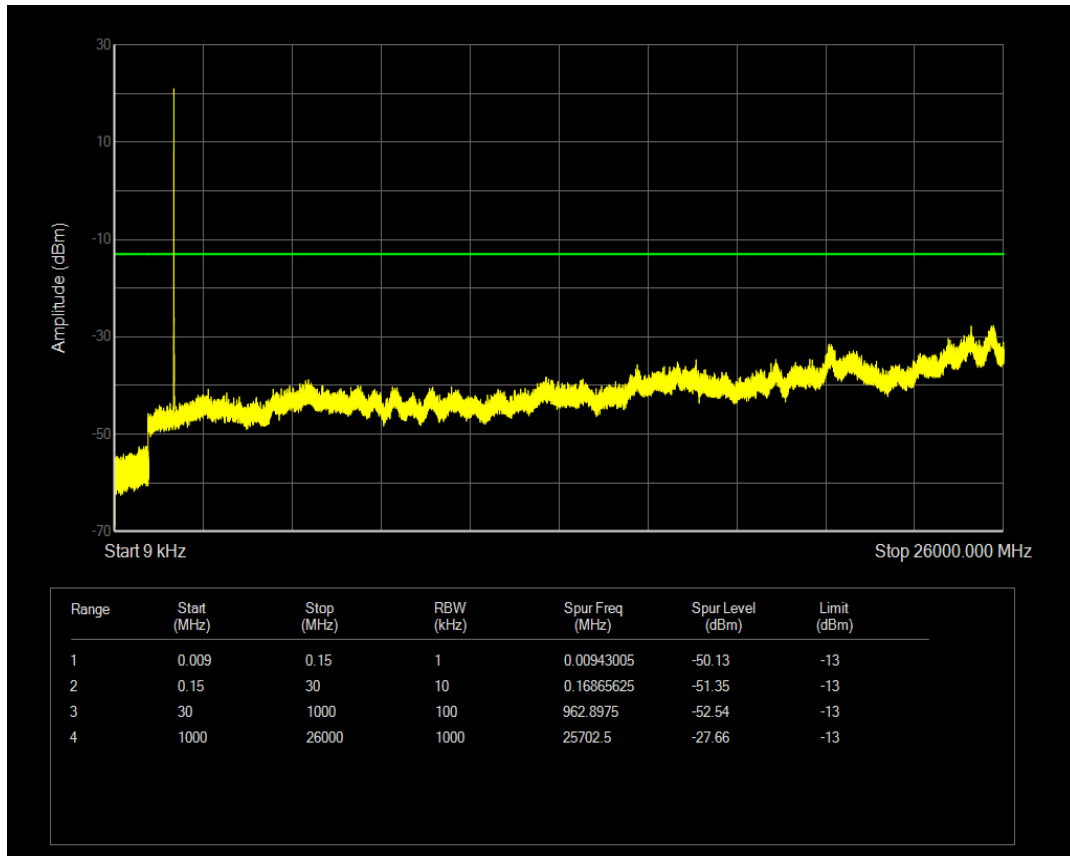
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



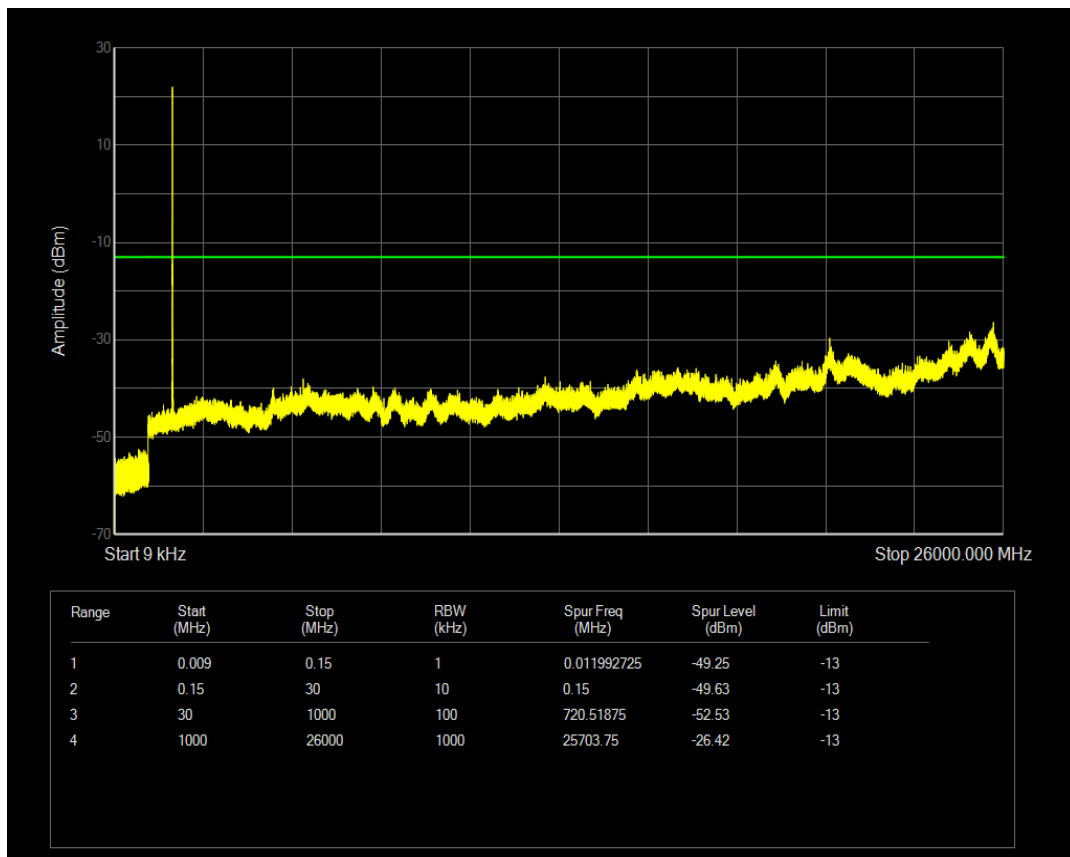
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



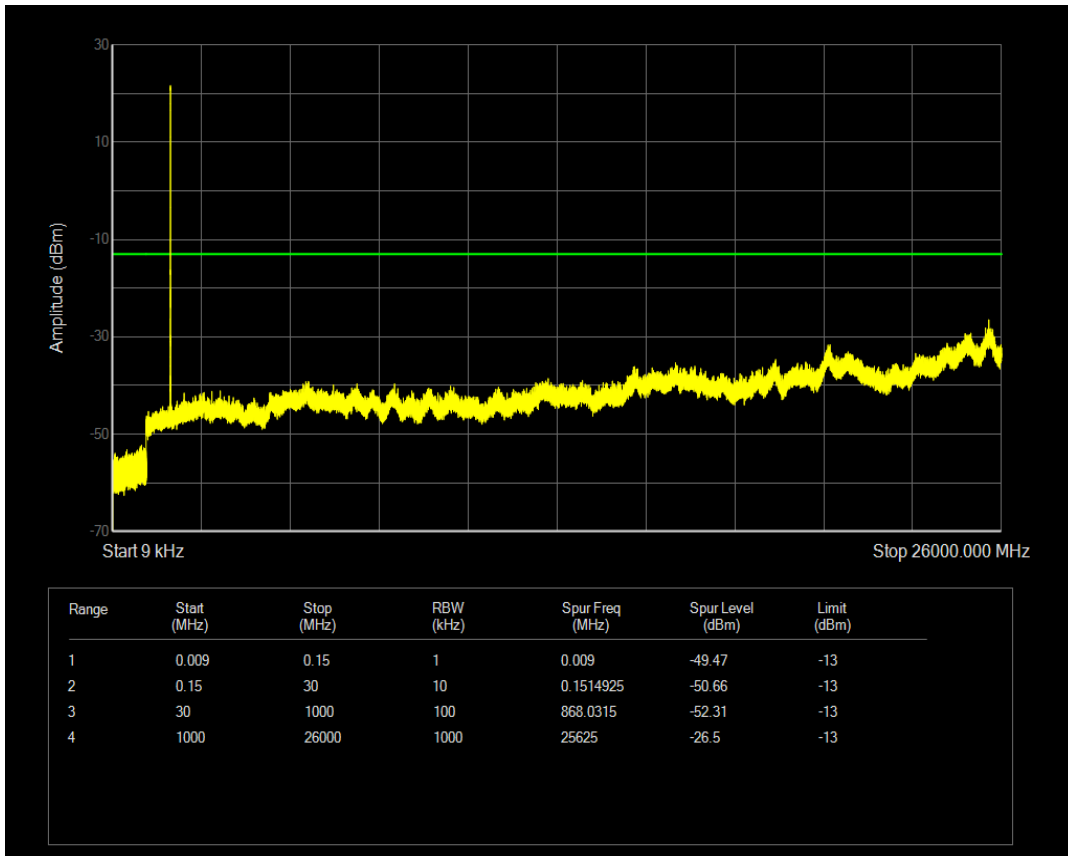
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



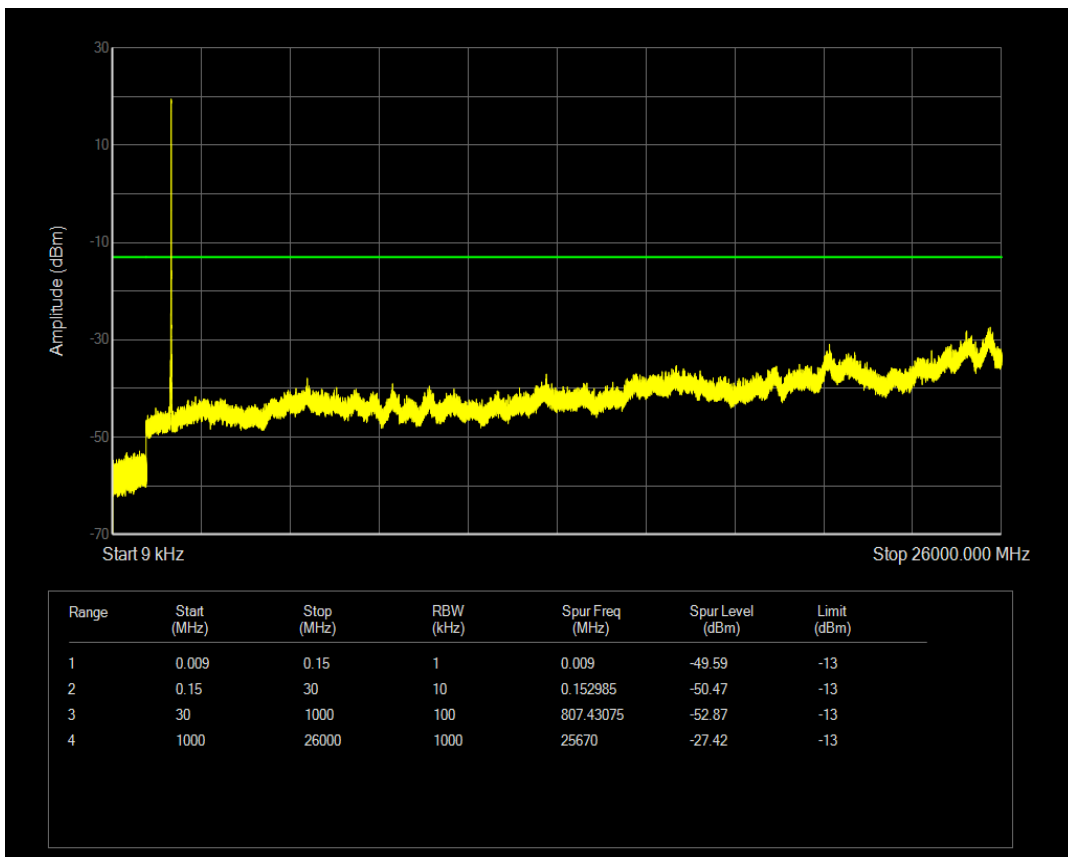
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



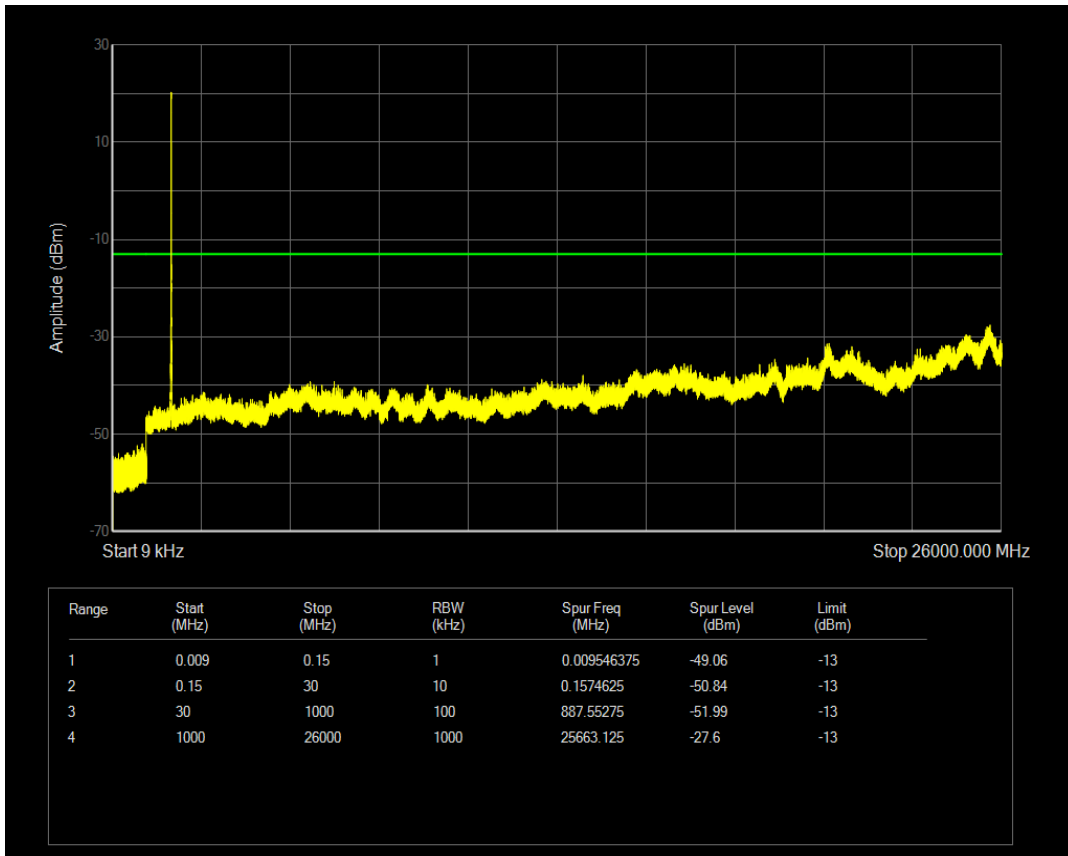
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



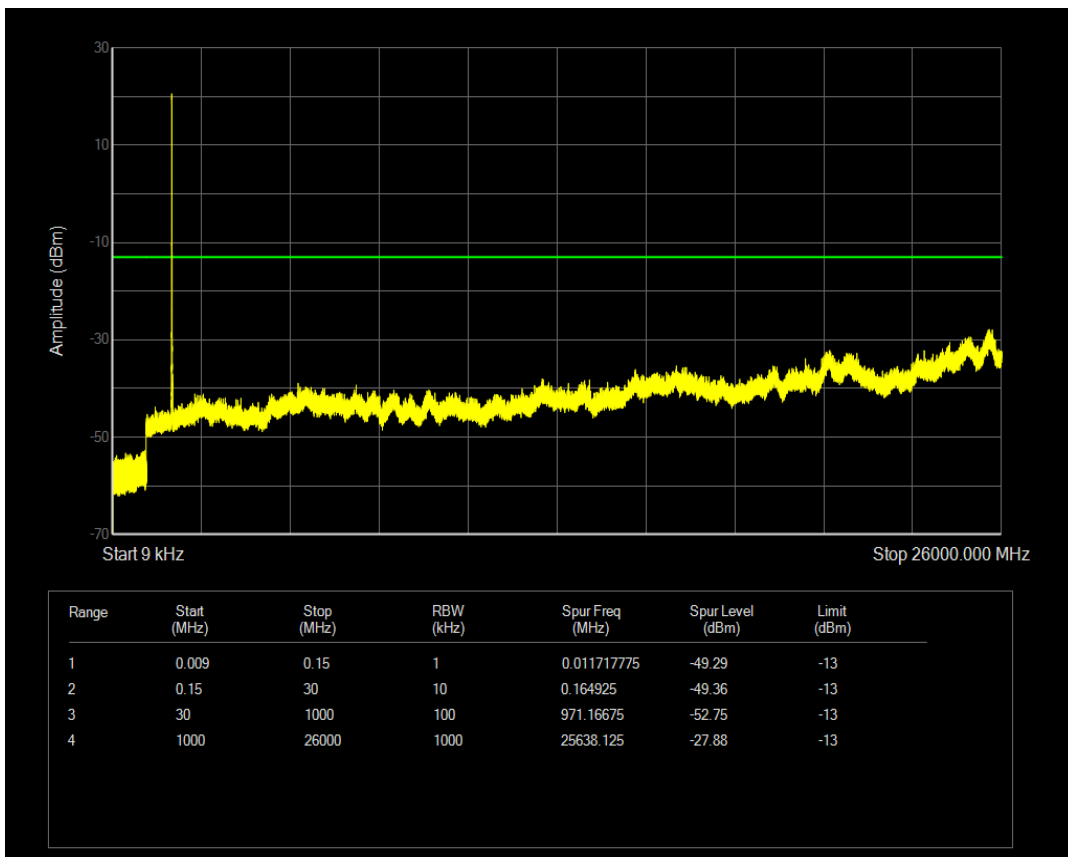
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



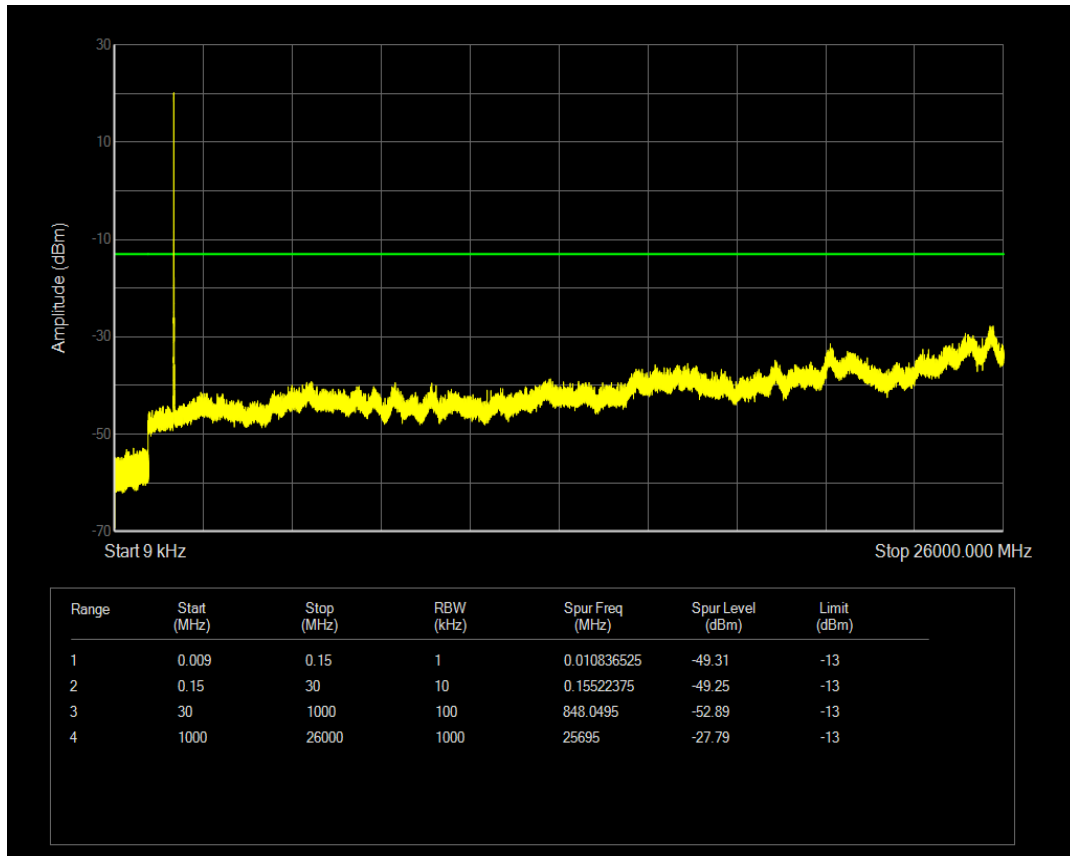
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



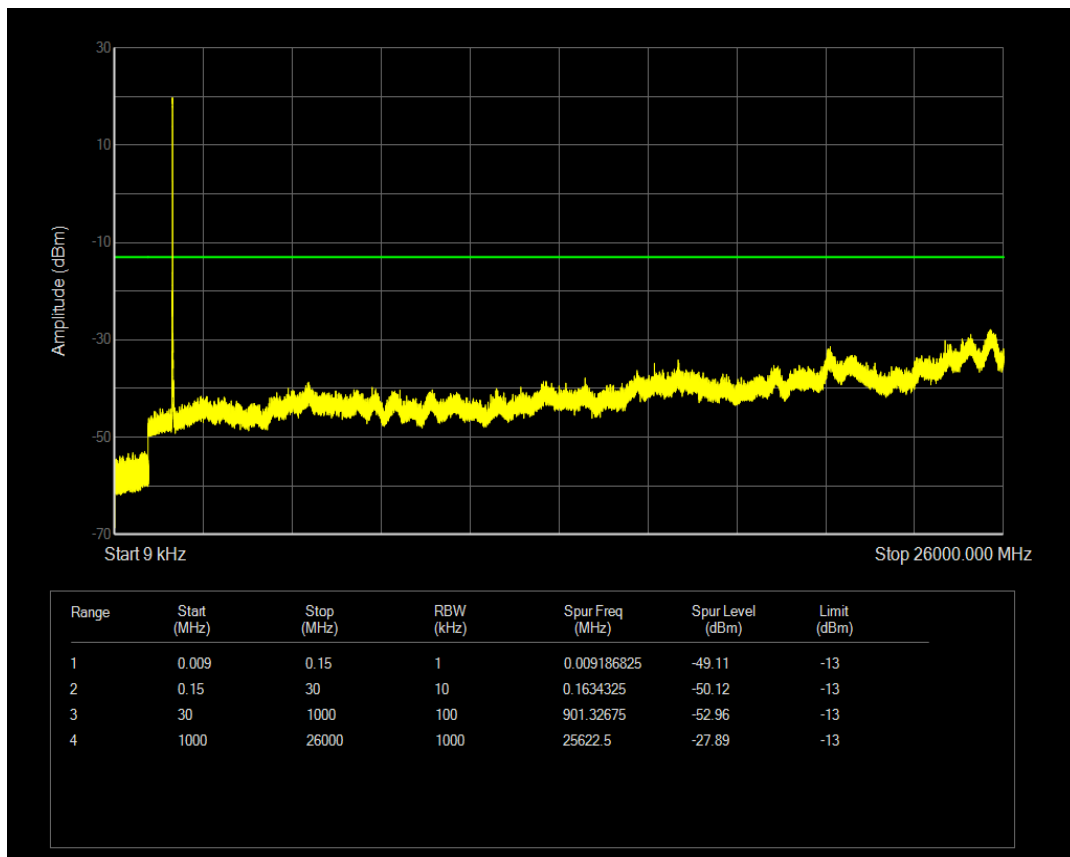
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



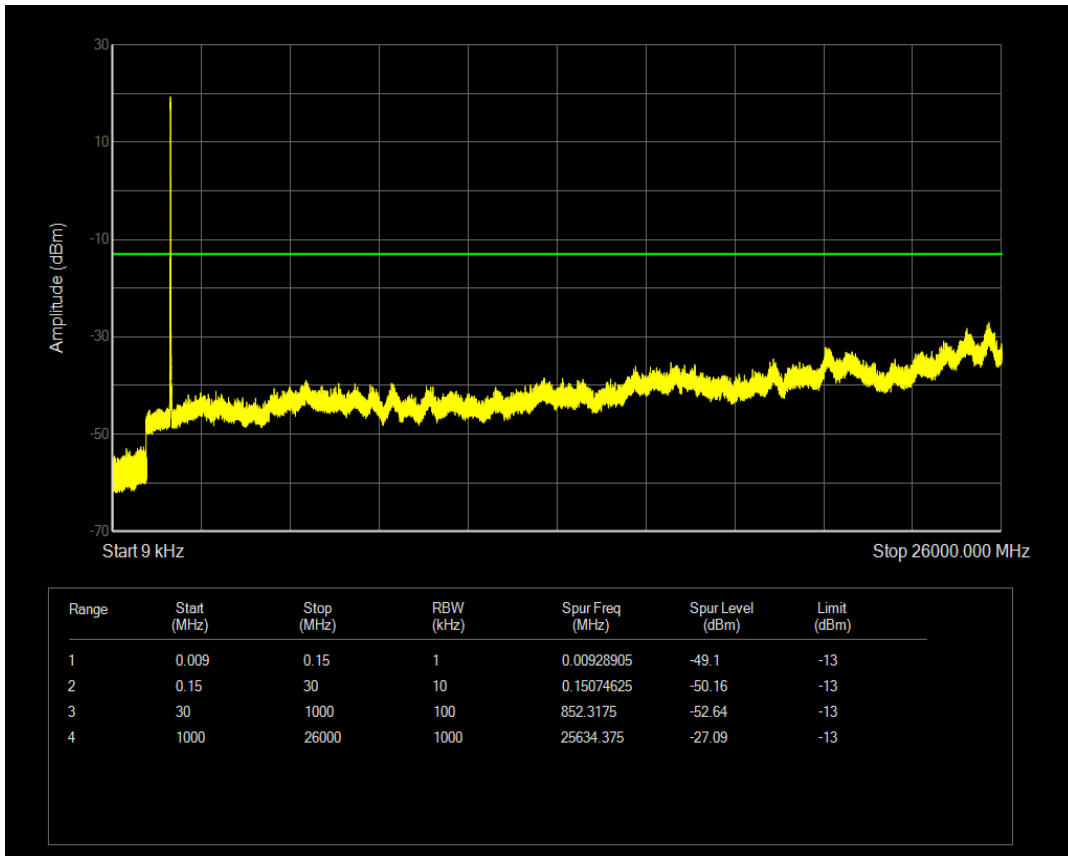
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



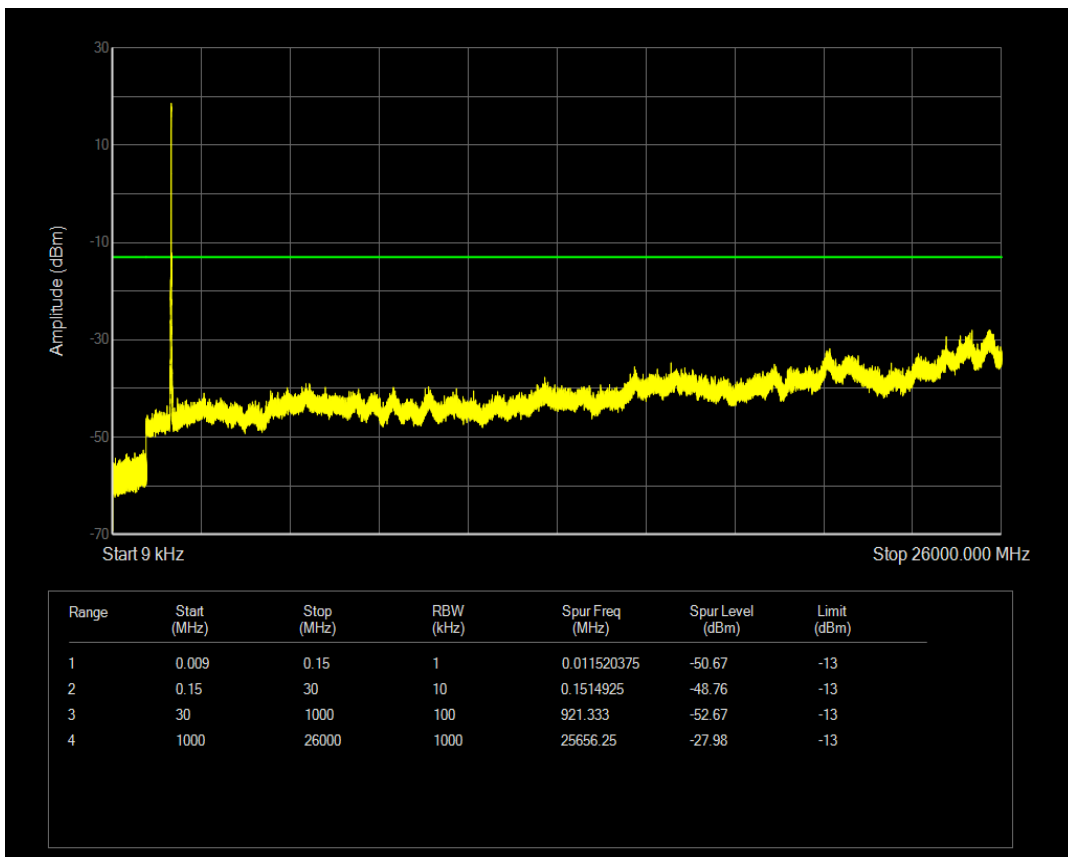
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



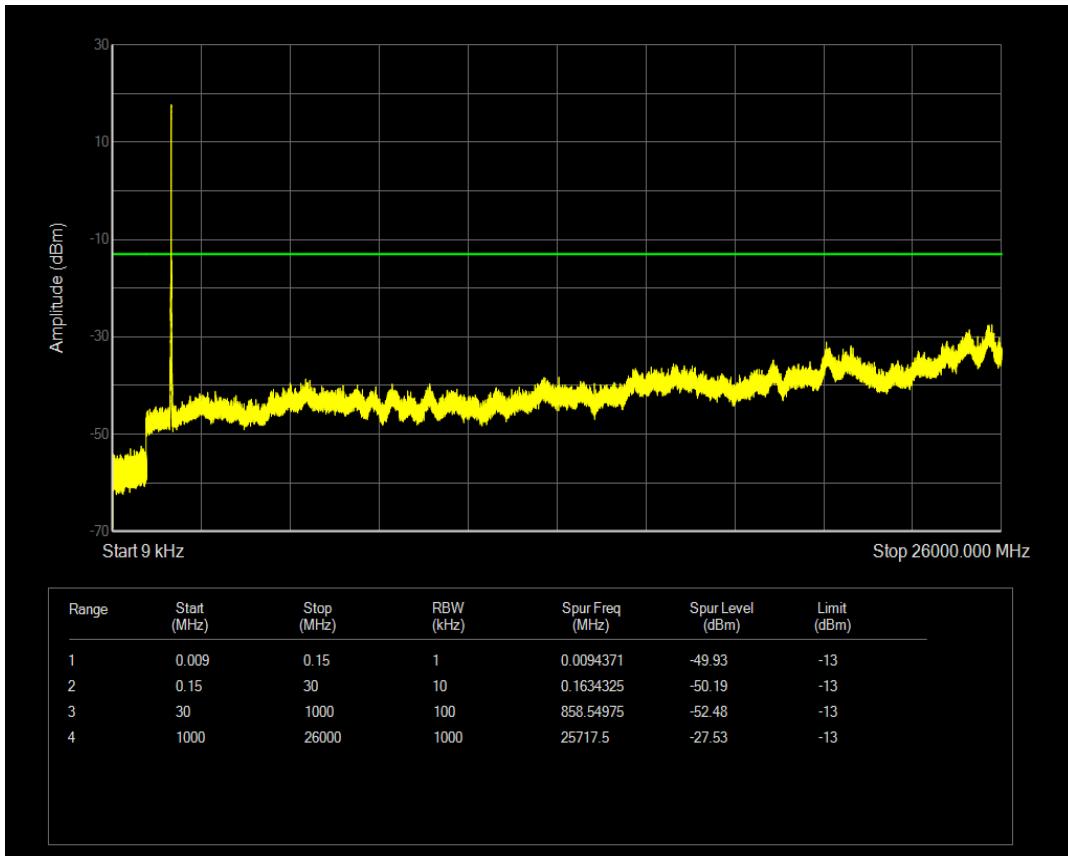
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



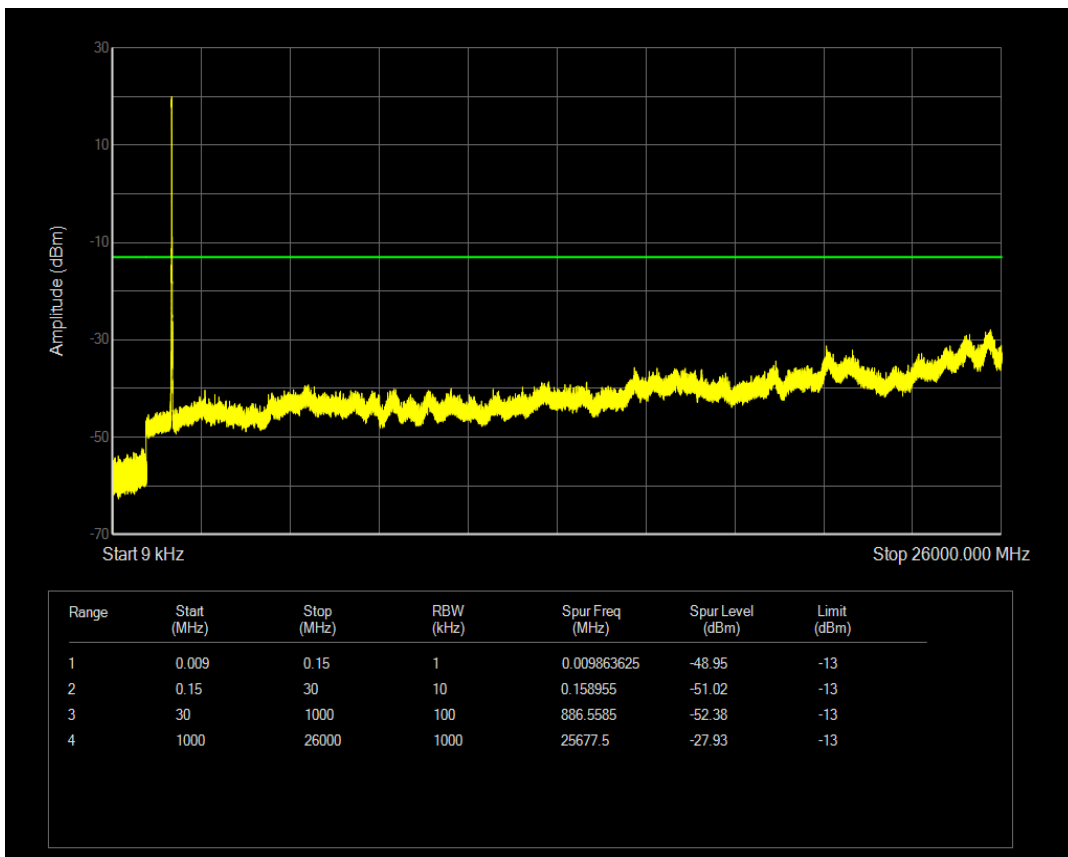
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



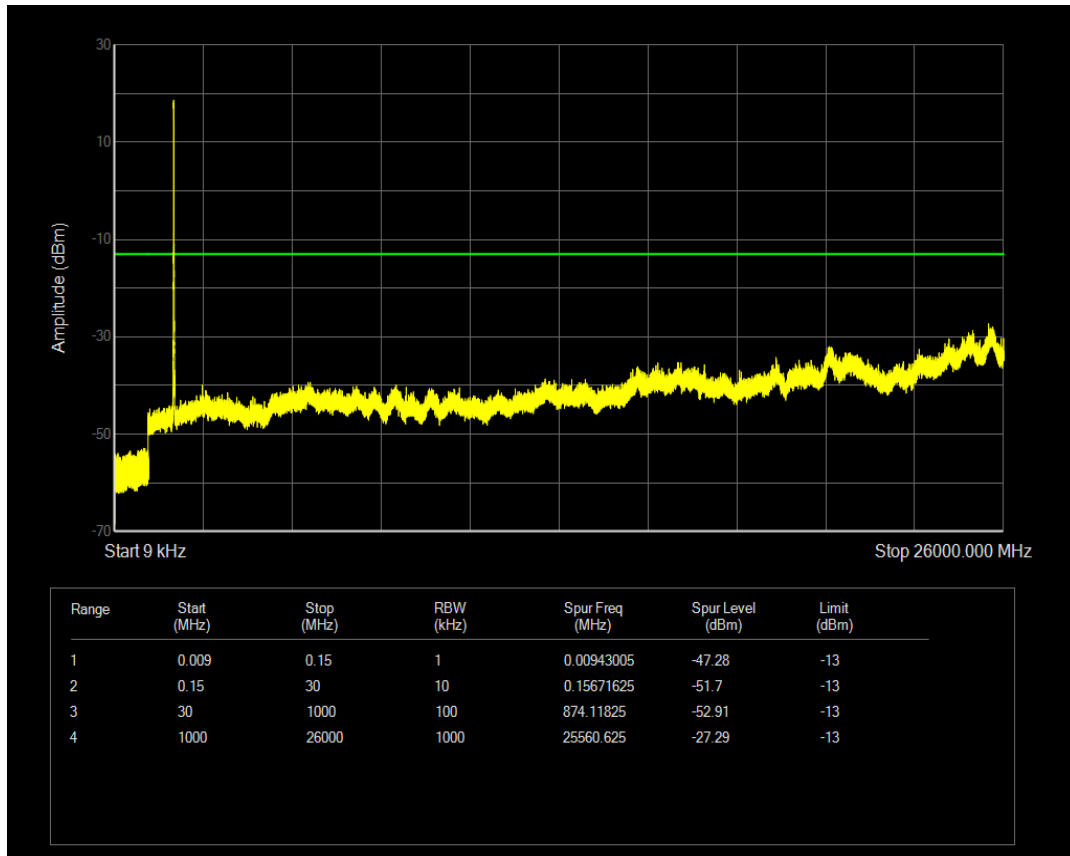
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



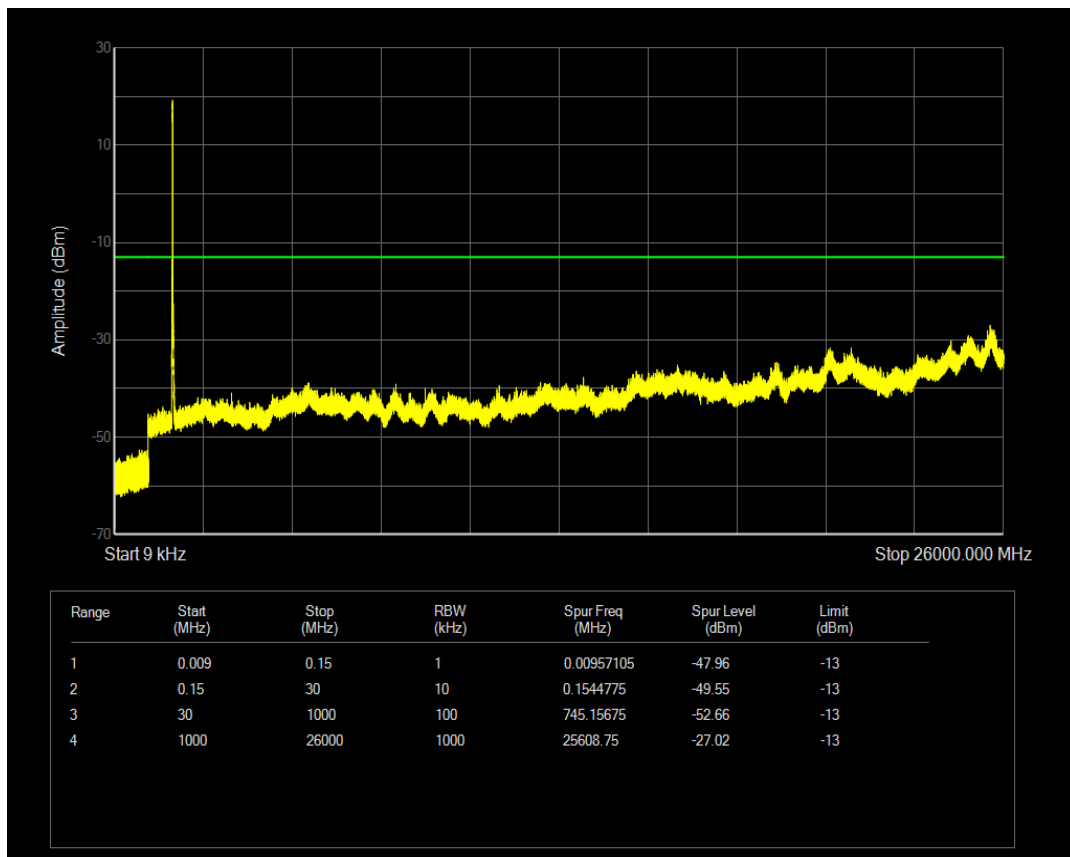
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



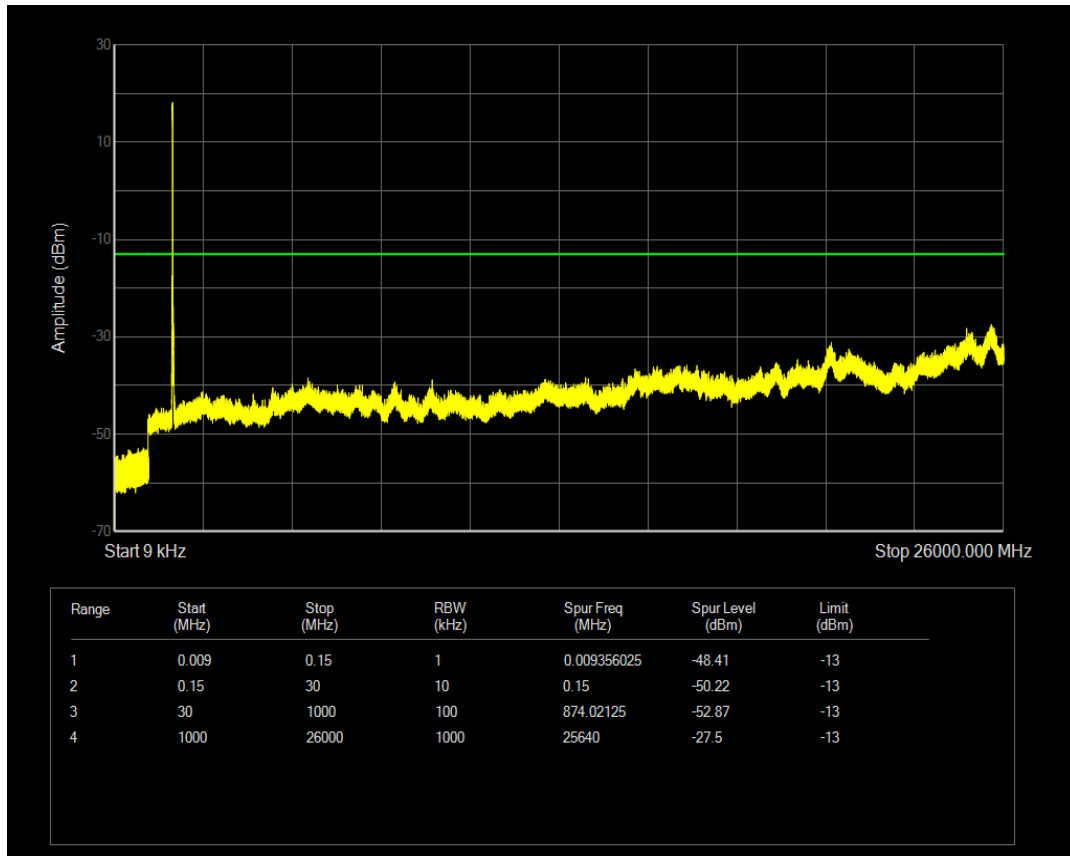
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



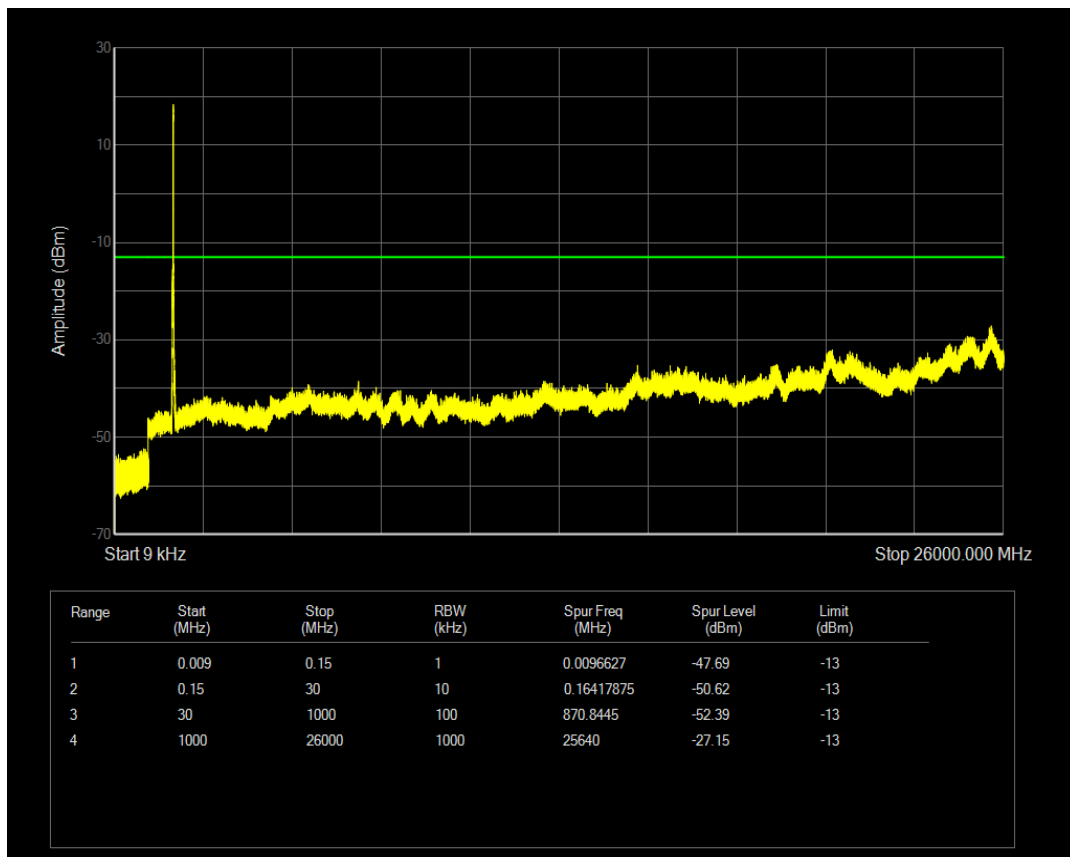
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



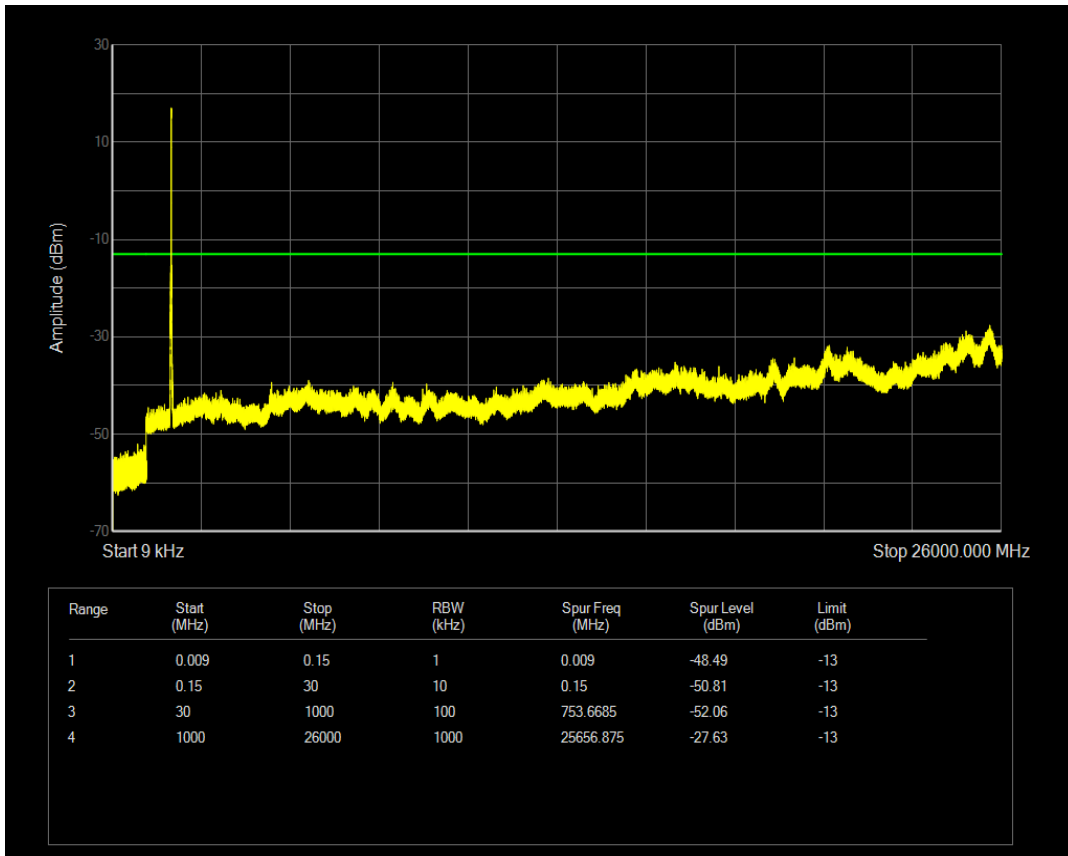
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



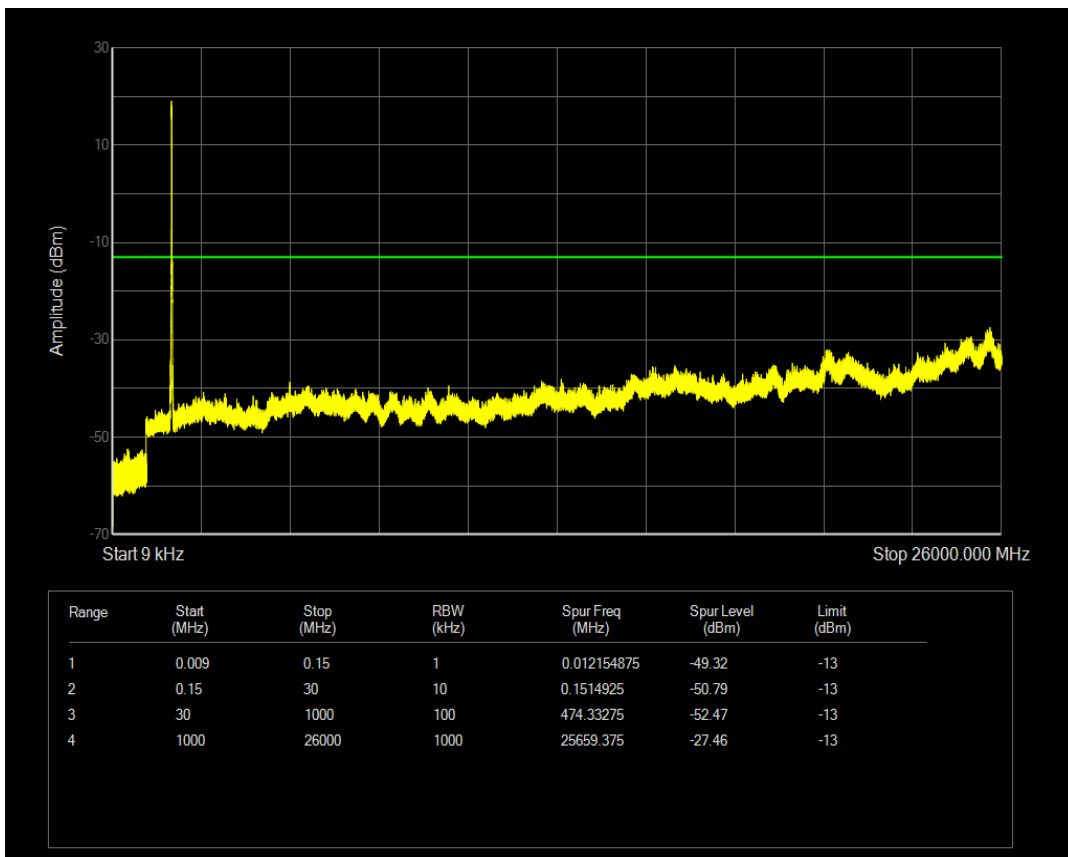
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



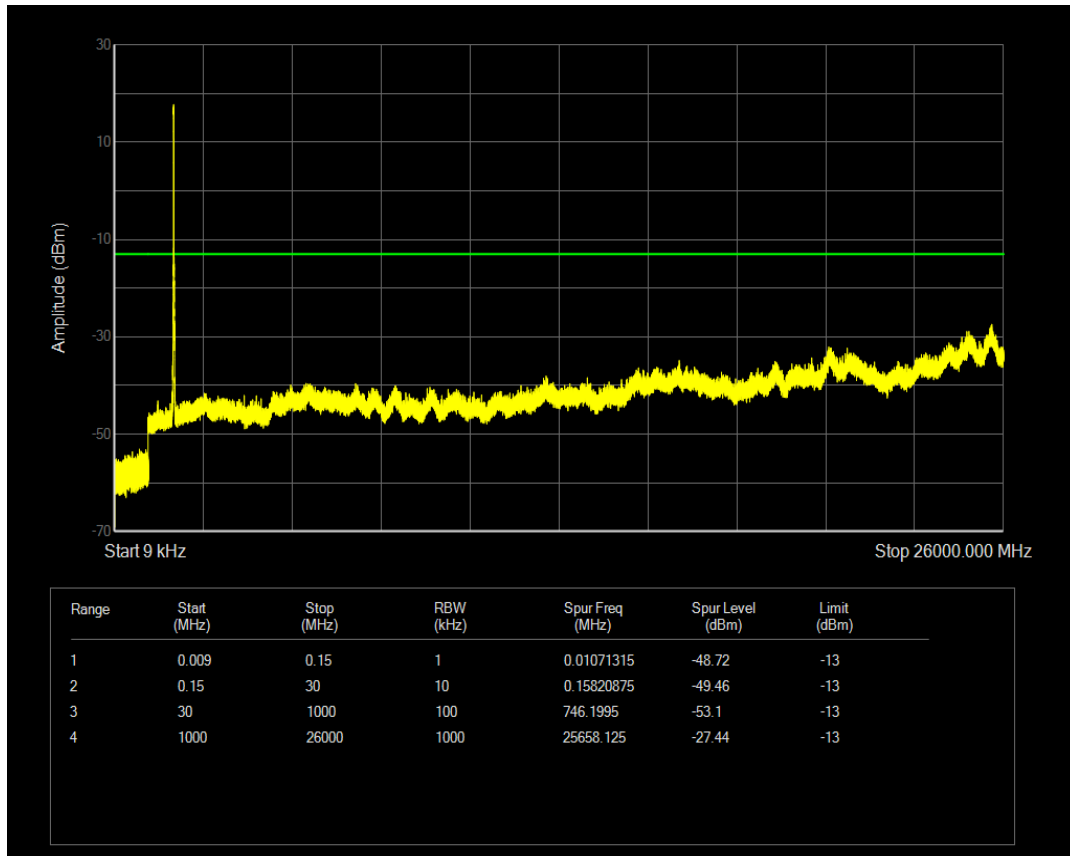
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



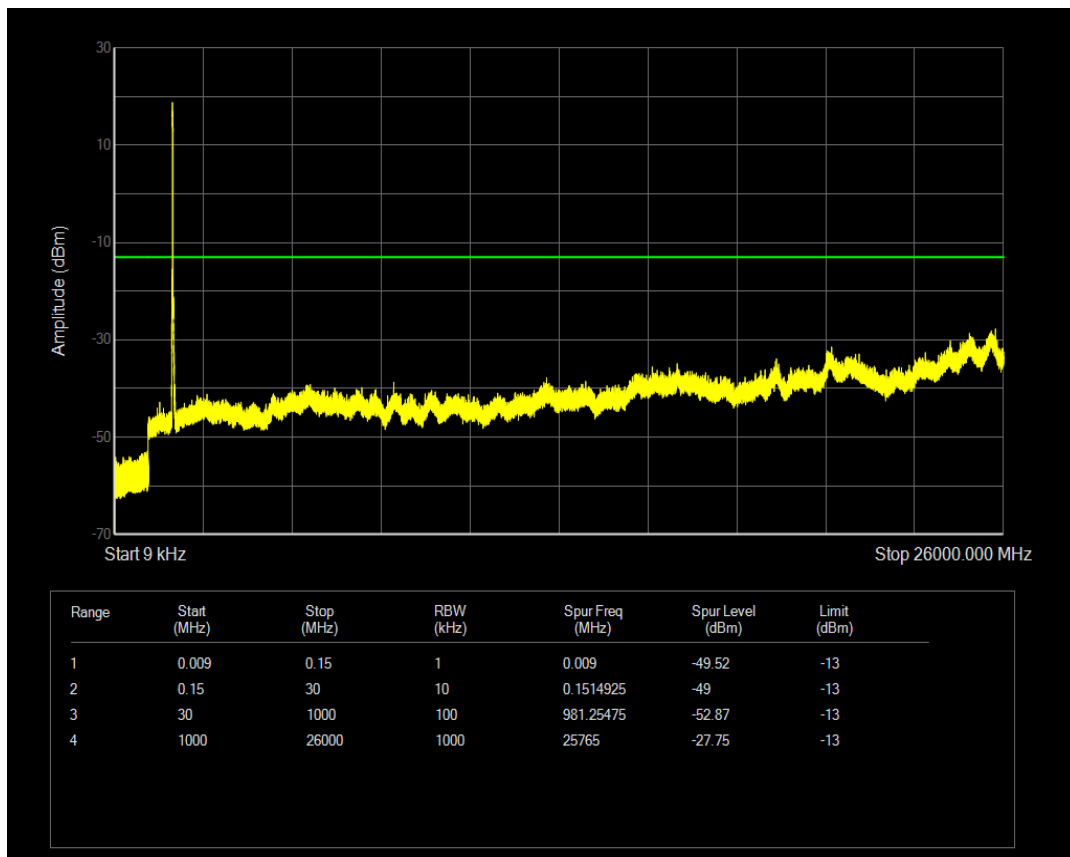
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



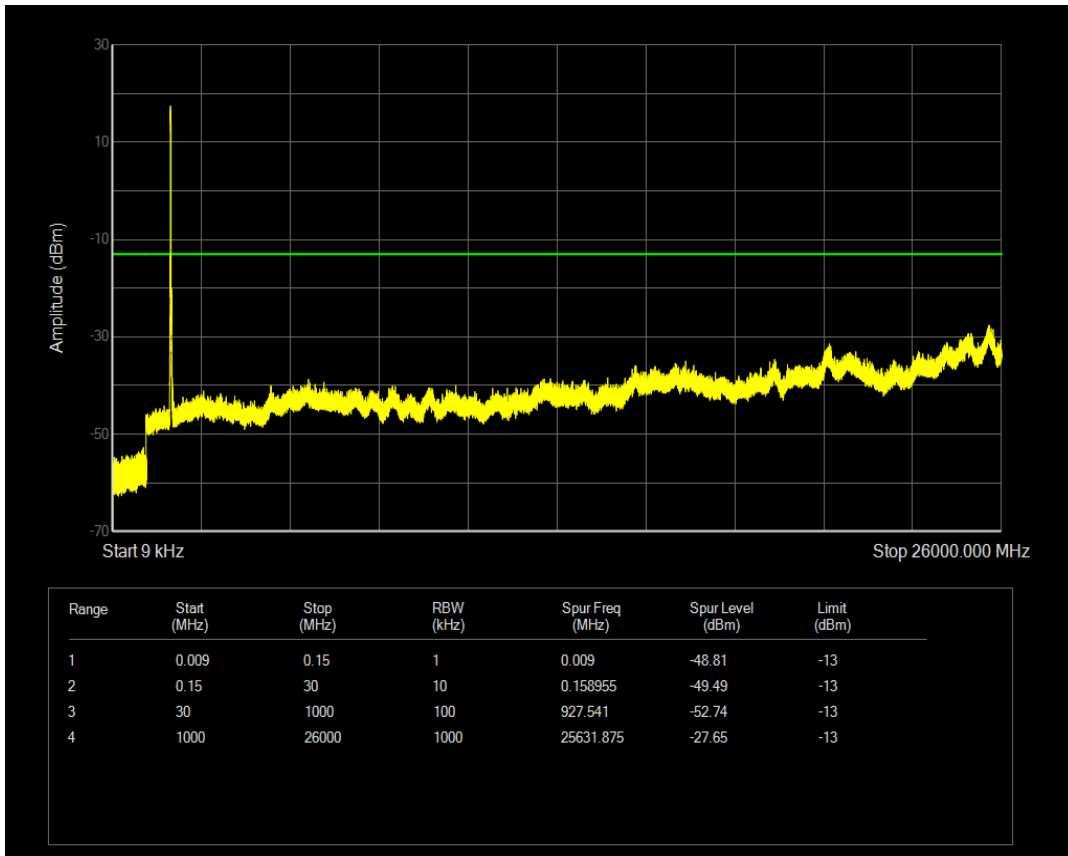
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



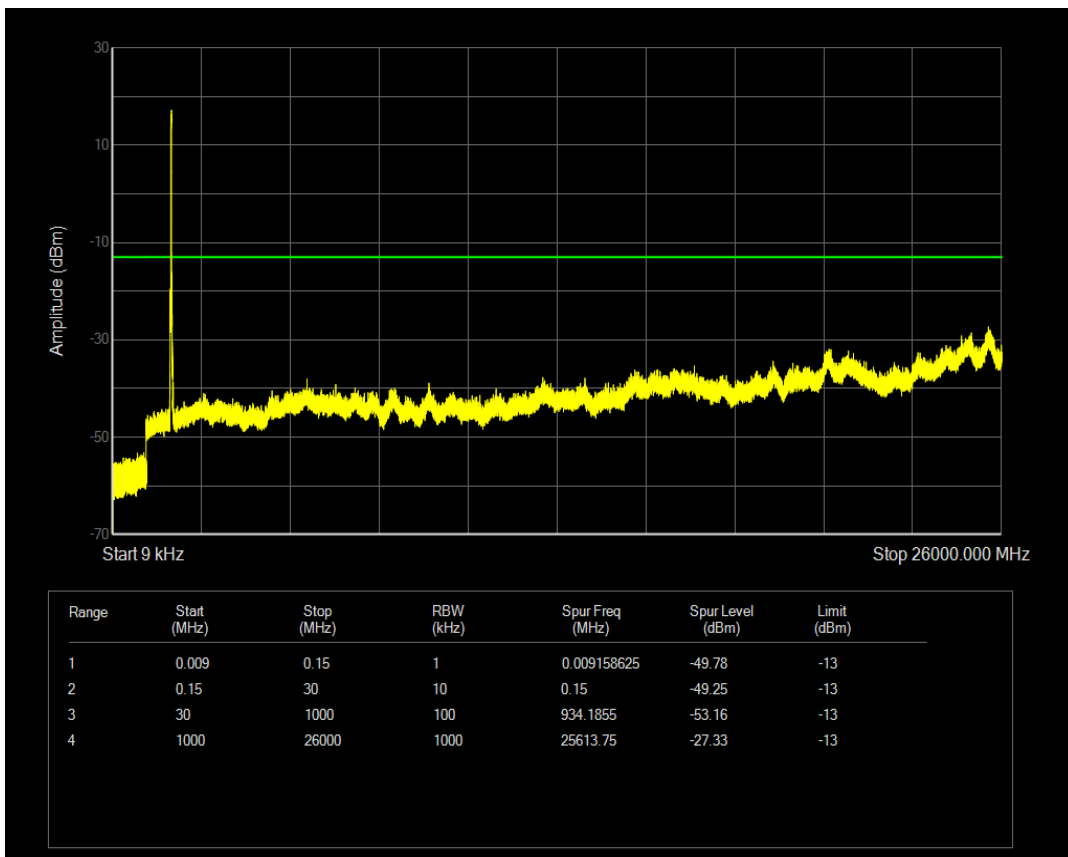
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



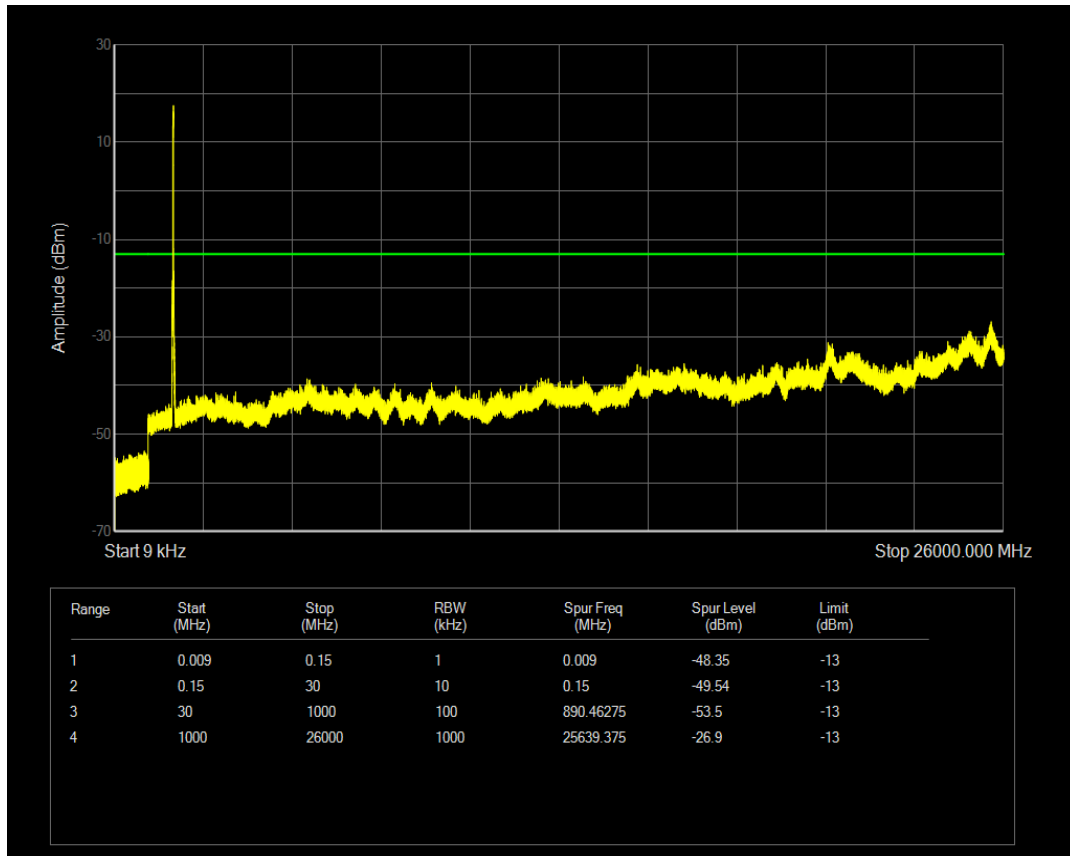
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



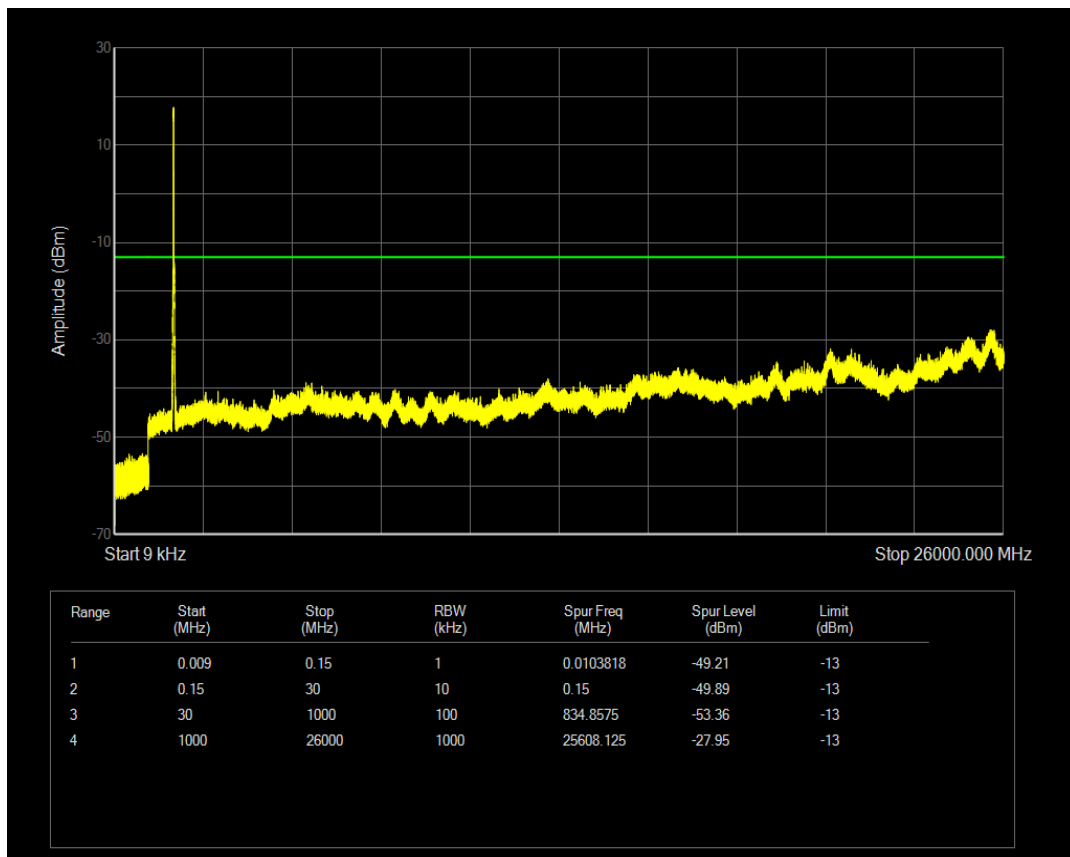
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



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



Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0

