

Appendix for Band 4

Report No.: BCTC2502816024-2E

Applicant: BYD Auto Industry Company Limited

Product Name: In-vehicle Multimedia Host

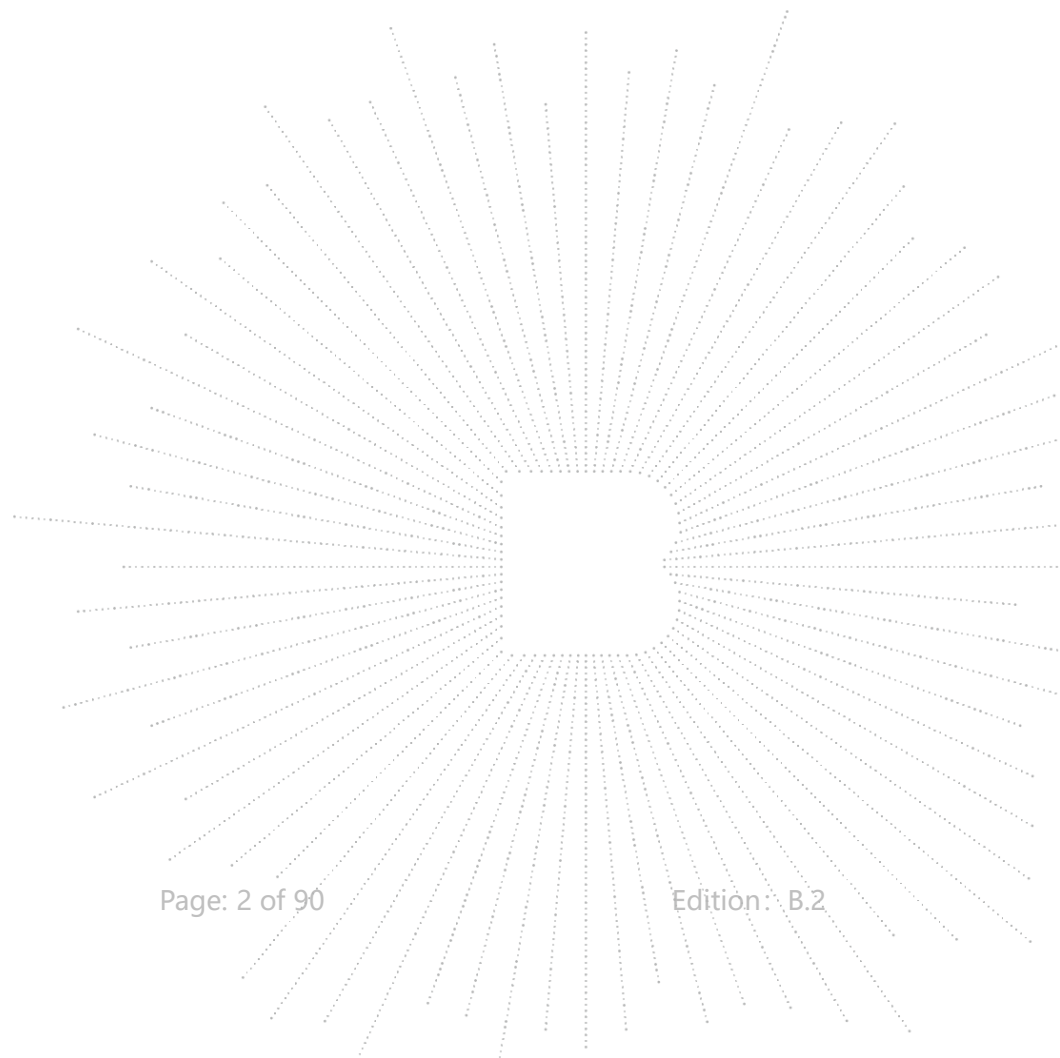
Test Model: MTCV03

Tested Date: 2025-02-24 to 2025-03-13

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	22.84	-2.08	20.76	PASS
Band4	1.4	19957	1	#Mid	QPSK	22.92	-2.08	20.84	PASS
Band4	1.4	19957	1	#Max	QPSK	22.85	-2.08	20.77	PASS
Band4	1.4	19957	3	#0	QPSK	22.78	-2.08	20.70	PASS
Band4	1.4	19957	3	#Mid	QPSK	22.84	-2.08	20.76	PASS
Band4	1.4	19957	3	#Max	QPSK	22.84	-2.08	20.76	PASS
Band4	1.4	19957	6	#0	QPSK	21.82	-2.08	19.74	PASS
Band4	1.4	19957	1	#0	16QAM	21.95	-2.08	19.87	PASS
Band4	1.4	19957	1	#Mid	16QAM	22.01	-2.08	19.93	PASS
Band4	1.4	19957	1	#Max	16QAM	21.97	-2.08	19.89	PASS
Band4	1.4	19957	3	#0	16QAM	22.06	-2.08	19.98	PASS
Band4	1.4	19957	3	#Mid	16QAM	22.11	-2.08	20.03	PASS
Band4	1.4	19957	3	#Max	16QAM	22.08	-2.08	20.00	PASS
Band4	1.4	19957	6	#0	16QAM	21.01	-2.08	18.93	PASS
Band4	1.4	20175	1	#0	QPSK	22.56	-2.08	20.48	PASS
Band4	1.4	20175	1	#Mid	QPSK	22.75	-2.08	20.67	PASS
Band4	1.4	20175	1	#Max	QPSK	22.64	-2.08	20.56	PASS
Band4	1.4	20175	3	#0	QPSK	22.72	-2.08	20.64	PASS
Band4	1.4	20175	3	#Mid	QPSK	22.79	-2.08	20.71	PASS
Band4	1.4	20175	3	#Max	QPSK	22.77	-2.08	20.69	PASS
Band4	1.4	20175	6	#0	QPSK	21.73	-2.08	19.65	PASS
Band4	1.4	20175	1	#0	16QAM	21.95	-2.08	19.87	PASS
Band4	1.4	20175	1	#Mid	16QAM	22.05	-2.08	19.97	PASS
Band4	1.4	20175	1	#Max	16QAM	21.98	-2.08	19.90	PASS
Band4	1.4	20175	3	#0	16QAM	22.07	-2.08	19.99	PASS
Band4	1.4	20175	3	#Mid	16QAM	22.15	-2.08	20.07	PASS
Band4	1.4	20175	3	#Max	16QAM	22.12	-2.08	20.04	PASS
Band4	1.4	20175	6	#0	16QAM	20.94	-2.08	18.86	PASS
Band4	1.4	20393	1	#0	QPSK	22.71	-2.08	20.63	PASS
Band4	1.4	20393	1	#Mid	QPSK	22.83	-2.08	20.75	PASS
Band4	1.4	20393	1	#Max	QPSK	22.76	-2.08	20.68	PASS
Band4	1.4	20393	3	#0	QPSK	22.82	-2.08	20.74	PASS
Band4	1.4	20393	3	#Mid	QPSK	22.88	-2.08	20.80	PASS
Band4	1.4	20393	3	#Max	QPSK	22.85	-2.08	20.77	PASS
Band4	1.4	20393	6	#0	QPSK	21.73	-2.08	19.65	PASS
Band4	1.4	20393	1	#0	16QAM	21.75	-2.08	19.67	PASS

Band4	1.4	20393	1	#Mid	16QAM	21.83	-2.08	19.75	PASS
Band4	1.4	20393	1	#Max	16QAM	21.81	-2.08	19.73	PASS
Band4	1.4	20393	3	#0	16QAM	22.14	-2.08	20.06	PASS
Band4	1.4	20393	3	#Mid	16QAM	22.18	-2.08	20.10	PASS
Band4	1.4	20393	3	#Max	16QAM	22.19	-2.08	20.11	PASS
Band4	1.4	20393	6	#0	16QAM	21.05	-2.08	18.97	PASS
Band4	3	19965	1	#0	QPSK	22.64	-2.08	20.56	PASS
Band4	3	19965	1	#Mid	QPSK	22.78	-2.08	20.70	PASS
Band4	3	19965	1	#Max	QPSK	22.72	-2.08	20.64	PASS
Band4	3	19965	8	#0	QPSK	21.81	-2.08	19.73	PASS
Band4	3	19965	8	#Mid	QPSK	21.90	-2.08	19.82	PASS
Band4	3	19965	8	#Max	QPSK	21.89	-2.08	19.81	PASS
Band4	3	19965	15	#0	QPSK	21.85	-2.08	19.77	PASS
Band4	3	19965	1	#0	16QAM	22.14	-2.08	20.06	PASS
Band4	3	19965	1	#Mid	16QAM	22.23	-2.08	20.15	PASS
Band4	3	19965	1	#Max	16QAM	22.17	-2.08	20.09	PASS
Band4	3	19965	8	#0	16QAM	20.92	-2.08	18.84	PASS
Band4	3	19965	8	#Mid	16QAM	20.98	-2.08	18.90	PASS
Band4	3	19965	8	#Max	16QAM	20.92	-2.08	18.84	PASS
Band4	3	19965	15	#0	16QAM	20.97	-2.08	18.89	PASS
Band4	3	20175	1	#0	QPSK	22.57	-2.08	20.49	PASS
Band4	3	20175	1	#Mid	QPSK	22.72	-2.08	20.64	PASS
Band4	3	20175	1	#Max	QPSK	22.66	-2.08	20.58	PASS
Band4	3	20175	8	#0	QPSK	21.66	-2.08	19.58	PASS
Band4	3	20175	8	#Mid	QPSK	21.81	-2.08	19.73	PASS
Band4	3	20175	8	#Max	QPSK	21.81	-2.08	19.73	PASS
Band4	3	20175	15	#0	QPSK	21.80	-2.08	19.72	PASS
Band4	3	20175	1	#0	16QAM	21.94	-2.08	19.86	PASS
Band4	3	20175	1	#Mid	16QAM	22.02	-2.08	19.94	PASS
Band4	3	20175	1	#Max	16QAM	21.96	-2.08	19.88	PASS
Band4	3	20175	8	#0	16QAM	20.74	-2.08	18.66	PASS
Band4	3	20175	8	#Mid	16QAM	20.87	-2.08	18.79	PASS
Band4	3	20175	8	#Max	16QAM	20.87	-2.08	18.79	PASS
Band4	3	20175	15	#0	16QAM	20.81	-2.08	18.73	PASS
Band4	3	20385	1	#0	QPSK	22.72	-2.08	20.64	PASS
Band4	3	20385	1	#Mid	QPSK	22.89	-2.08	20.81	PASS
Band4	3	20385	1	#Max	QPSK	22.78	-2.08	20.70	PASS
Band4	3	20385	8	#0	QPSK	21.80	-2.08	19.72	PASS
Band4	3	20385	8	#Mid	QPSK	21.81	-2.08	19.73	PASS
Band4	3	20385	8	#Max	QPSK	21.85	-2.08	19.77	PASS
Band4	3	20385	15	#0	QPSK	21.82	-2.08	19.74	PASS
Band4	3	20385	1	#0	16QAM	21.73	-2.08	19.65	PASS
Band4	3	20385	1	#Mid	16QAM	21.85	-2.08	19.77	PASS

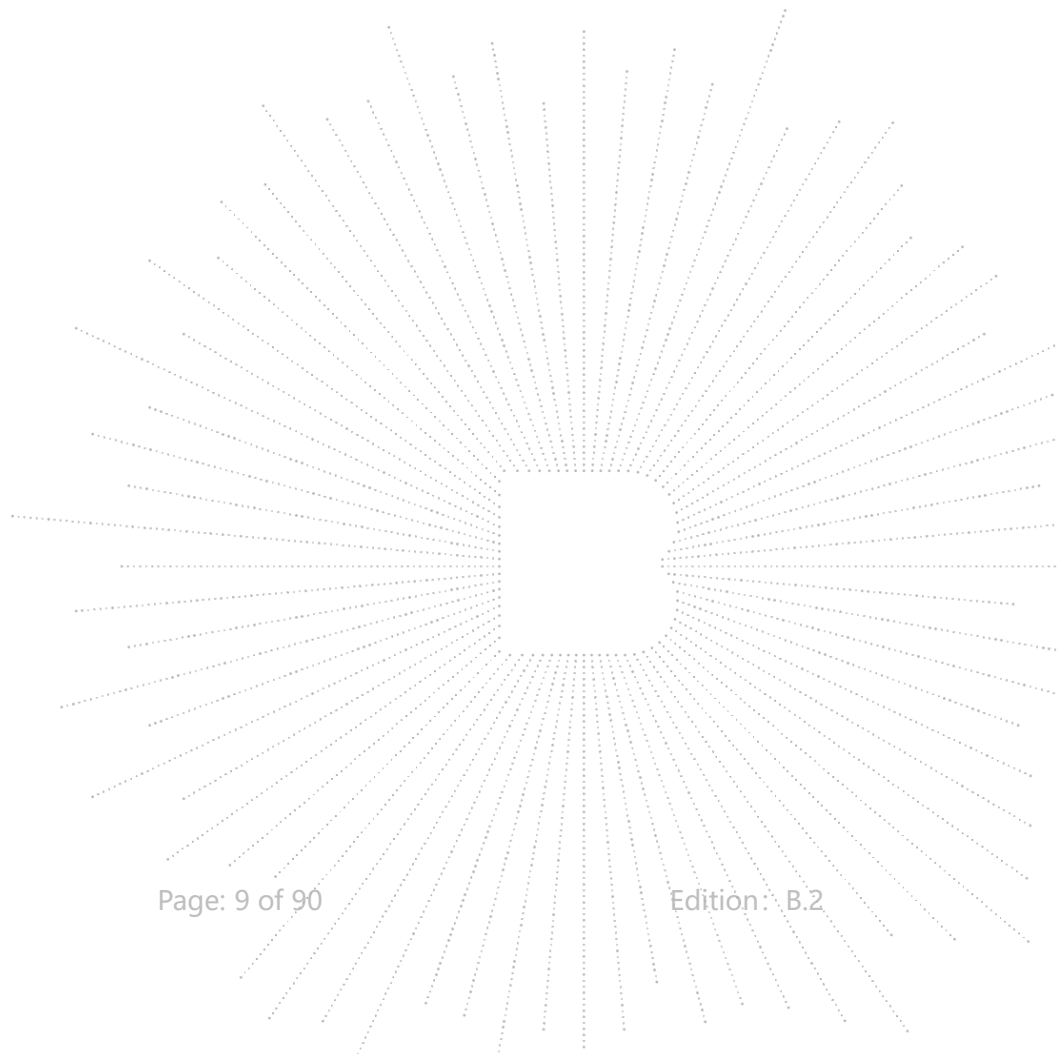
Band4	3	20385	1	#Max	16QAM	21.79	-2.08	19.71	PASS
Band4	3	20385	8	#0	16QAM	20.83	-2.08	18.75	PASS
Band4	3	20385	8	#Mid	16QAM	20.90	-2.08	18.82	PASS
Band4	3	20385	8	#Max	16QAM	20.93	-2.08	18.85	PASS
Band4	3	20385	15	#0	16QAM	21.02	-2.08	18.94	PASS
Band4	5	19975	1	#0	QPSK	22.82	-2.08	20.74	PASS
Band4	5	19975	1	#Mid	QPSK	22.98	-2.08	20.90	PASS
Band4	5	19975	1	#Max	QPSK	22.86	-2.08	20.78	PASS
Band4	5	19975	12	#0	QPSK	21.83	-2.08	19.75	PASS
Band4	5	19975	12	#Mid	QPSK	21.89	-2.08	19.81	PASS
Band4	5	19975	12	#Max	QPSK	21.89	-2.08	19.81	PASS
Band4	5	19975	25	#0	QPSK	21.92	-2.08	19.84	PASS
Band4	5	19975	1	#0	16QAM	22.14	-2.08	20.06	PASS
Band4	5	19975	1	#Mid	16QAM	22.24	-2.08	20.16	PASS
Band4	5	19975	1	#Max	16QAM	22.20	-2.08	20.12	PASS
Band4	5	19975	12	#0	16QAM	20.83	-2.08	18.75	PASS
Band4	5	19975	12	#Mid	16QAM	20.97	-2.08	18.89	PASS
Band4	5	19975	12	#Max	16QAM	20.90	-2.08	18.82	PASS
Band4	5	19975	25	#0	16QAM	20.93	-2.08	18.85	PASS
Band4	5	20175	1	#0	QPSK	22.56	-2.08	20.48	PASS
Band4	5	20175	1	#Mid	QPSK	22.72	-2.08	20.64	PASS
Band4	5	20175	1	#Max	QPSK	22.62	-2.08	20.54	PASS
Band4	5	20175	12	#0	QPSK	21.72	-2.08	19.64	PASS
Band4	5	20175	12	#Mid	QPSK	21.79	-2.08	19.71	PASS
Band4	5	20175	12	#Max	QPSK	21.77	-2.08	19.69	PASS
Band4	5	20175	25	#0	QPSK	21.79	-2.08	19.71	PASS
Band4	5	20175	1	#0	16QAM	22.09	-2.08	20.01	PASS
Band4	5	20175	1	#Mid	16QAM	22.18	-2.08	20.10	PASS
Band4	5	20175	1	#Max	16QAM	22.06	-2.08	19.98	PASS
Band4	5	20175	12	#0	16QAM	20.82	-2.08	18.74	PASS
Band4	5	20175	12	#Mid	16QAM	20.92	-2.08	18.84	PASS
Band4	5	20175	12	#Max	16QAM	20.88	-2.08	18.80	PASS
Band4	5	20175	25	#0	16QAM	20.78	-2.08	18.70	PASS
Band4	5	20375	1	#0	QPSK	22.71	-2.08	20.63	PASS
Band4	5	20375	1	#Mid	QPSK	22.83	-2.08	20.75	PASS
Band4	5	20375	1	#Max	QPSK	22.72	-2.08	20.64	PASS
Band4	5	20375	12	#0	QPSK	21.85	-2.08	19.77	PASS
Band4	5	20375	12	#Mid	QPSK	21.86	-2.08	19.78	PASS
Band4	5	20375	12	#Max	QPSK	21.89	-2.08	19.81	PASS
Band4	5	20375	25	#0	QPSK	21.85	-2.08	19.77	PASS
Band4	5	20375	1	#0	16QAM	22.36	-2.08	20.28	PASS
Band4	5	20375	1	#Mid	16QAM	22.55	-2.08	20.47	PASS
Band4	5	20375	1	#Max	16QAM	22.42	-2.08	20.34	PASS

Band4	5	20375	12	#0	16QAM	20.95	-2.08	18.87	PASS
Band4	5	20375	12	#Mid	16QAM	20.96	-2.08	18.88	PASS
Band4	5	20375	12	#Max	16QAM	20.97	-2.08	18.89	PASS
Band4	5	20375	25	#0	16QAM	20.88	-2.08	18.80	PASS
Band4	10	20000	1	#0	QPSK	22.62	-2.08	20.54	PASS
Band4	10	20000	1	#Mid	QPSK	22.52	-2.08	20.44	PASS
Band4	10	20000	1	#Max	QPSK	22.50	-2.08	20.42	PASS
Band4	10	20000	25	#0	QPSK	21.86	-2.08	19.78	PASS
Band4	10	20000	25	#Mid	QPSK	21.87	-2.08	19.79	PASS
Band4	10	20000	25	#Max	QPSK	21.82	-2.08	19.74	PASS
Band4	10	20000	50	#0	QPSK	21.83	-2.08	19.75	PASS
Band4	10	20000	1	#0	16QAM	22.10	-2.08	20.02	PASS
Band4	10	20000	1	#Mid	16QAM	22.09	-2.08	20.01	PASS
Band4	10	20000	1	#Max	16QAM	22.14	-2.08	20.06	PASS
Band4	10	20000	25	#0	16QAM	20.93	-2.08	18.85	PASS
Band4	10	20000	25	#Mid	16QAM	20.90	-2.08	18.82	PASS
Band4	10	20000	25	#Max	16QAM	20.89	-2.08	18.81	PASS
Band4	10	20000	50	#0	16QAM	20.87	-2.08	18.79	PASS
Band4	10	20175	1	#0	QPSK	22.53	-2.08	20.45	PASS
Band4	10	20175	1	#Mid	QPSK	22.47	-2.08	20.39	PASS
Band4	10	20175	1	#Max	QPSK	22.64	-2.08	20.56	PASS
Band4	10	20175	25	#0	QPSK	21.81	-2.08	19.73	PASS
Band4	10	20175	25	#Mid	QPSK	21.86	-2.08	19.78	PASS
Band4	10	20175	25	#Max	QPSK	21.77	-2.08	19.69	PASS
Band4	10	20175	50	#0	QPSK	21.79	-2.08	19.71	PASS
Band4	10	20175	1	#0	16QAM	21.86	-2.08	19.78	PASS
Band4	10	20175	1	#Mid	16QAM	21.88	-2.08	19.80	PASS
Band4	10	20175	1	#Max	16QAM	21.87	-2.08	19.79	PASS
Band4	10	20175	25	#0	16QAM	20.85	-2.08	18.77	PASS
Band4	10	20175	25	#Mid	16QAM	20.87	-2.08	18.79	PASS
Band4	10	20175	25	#Max	16QAM	20.82	-2.08	18.74	PASS
Band4	10	20175	50	#0	16QAM	20.83	-2.08	18.75	PASS
Band4	10	20350	1	#0	QPSK	22.74	-2.08	20.66	PASS
Band4	10	20350	1	#Mid	QPSK	22.69	-2.08	20.61	PASS
Band4	10	20350	1	#Max	QPSK	22.65	-2.08	20.57	PASS
Band4	10	20350	25	#0	QPSK	21.89	-2.08	19.81	PASS
Band4	10	20350	25	#Mid	QPSK	21.94	-2.08	19.86	PASS
Band4	10	20350	25	#Max	QPSK	21.85	-2.08	19.77	PASS
Band4	10	20350	50	#0	QPSK	21.88	-2.08	19.80	PASS
Band4	10	20350	1	#0	16QAM	21.65	-2.08	19.57	PASS
Band4	10	20350	1	#Mid	16QAM	21.69	-2.08	19.61	PASS
Band4	10	20350	1	#Max	16QAM	21.65	-2.08	19.57	PASS
Band4	10	20350	25	#0	16QAM	20.92	-2.08	18.84	PASS

Band4	10	20350	25	#Mid	16QAM	20.95	-2.08	18.87	PASS
Band4	10	20350	25	#Max	16QAM	20.94	-2.08	18.86	PASS
Band4	10	20350	50	#0	16QAM	20.92	-2.08	18.84	PASS
Band4	15	20025	1	#0	QPSK	22.86	-2.08	20.78	PASS
Band4	15	20025	1	#Mid	QPSK	22.62	-2.08	20.54	PASS
Band4	15	20025	1	#Max	QPSK	22.85	-2.08	20.77	PASS
Band4	15	20025	36	#0	QPSK	21.98	-2.08	19.90	PASS
Band4	15	20025	36	#Mid	QPSK	22.02	-2.08	19.94	PASS
Band4	15	20025	36	#Max	QPSK	21.93	-2.08	19.85	PASS
Band4	15	20025	75	#0	QPSK	21.95	-2.08	19.87	PASS
Band4	15	20025	1	#0	16QAM	22.36	-2.08	20.28	PASS
Band4	15	20025	1	#Mid	16QAM	22.27	-2.08	20.19	PASS
Band4	15	20025	1	#Max	16QAM	22.50	-2.08	20.42	PASS
Band4	15	20025	36	#0	16QAM	21.00	-2.08	18.92	PASS
Band4	15	20025	36	#Mid	16QAM	21.05	-2.08	18.97	PASS
Band4	15	20025	36	#Max	16QAM	21.03	-2.08	18.95	PASS
Band4	15	20025	75	#0	16QAM	20.98	-2.08	18.90	PASS
Band4	15	20175	1	#0	QPSK	22.81	-2.08	20.73	PASS
Band4	15	20175	1	#Mid	QPSK	22.61	-2.08	20.53	PASS
Band4	15	20175	1	#Max	QPSK	22.88	-2.08	20.80	PASS
Band4	15	20175	36	#0	QPSK	21.86	-2.08	19.78	PASS
Band4	15	20175	36	#Mid	QPSK	21.97	-2.08	19.89	PASS
Band4	15	20175	36	#Max	QPSK	22.03	-2.08	19.95	PASS
Band4	15	20175	75	#0	QPSK	21.96	-2.08	19.88	PASS
Band4	15	20175	1	#0	16QAM	22.18	-2.08	20.10	PASS
Band4	15	20175	1	#Mid	16QAM	22.02	-2.08	19.94	PASS
Band4	15	20175	1	#Max	16QAM	22.07	-2.08	19.99	PASS
Band4	15	20175	36	#0	16QAM	20.99	-2.08	18.91	PASS
Band4	15	20175	36	#Mid	16QAM	21.06	-2.08	18.98	PASS
Band4	15	20175	36	#Max	16QAM	21.06	-2.08	18.98	PASS
Band4	15	20175	75	#0	16QAM	20.96	-2.08	18.88	PASS
Band4	15	20325	1	#0	QPSK	22.98	-2.08	20.90	PASS
Band4	15	20325	1	#Mid	QPSK	22.87	-2.08	20.79	PASS
Band4	15	20325	1	#Max	QPSK	22.92	-2.08	20.84	PASS
Band4	15	20325	36	#0	QPSK	22.08	-2.08	20.00	PASS
Band4	15	20325	36	#Mid	QPSK	22.12	-2.08	20.04	PASS
Band4	15	20325	36	#Max	QPSK	22.08	-2.08	20.00	PASS
Band4	15	20325	75	#0	QPSK	22.06	-2.08	19.98	PASS
Band4	15	20325	1	#0	16QAM	22.11	-2.08	20.03	PASS
Band4	15	20325	1	#Mid	16QAM	22.05	-2.08	19.97	PASS
Band4	15	20325	1	#Max	16QAM	22.32	-2.08	20.24	PASS
Band4	15	20325	36	#0	16QAM	21.12	-2.08	19.04	PASS
Band4	15	20325	36	#Mid	16QAM	21.17	-2.08	19.09	PASS

Band4	15	20325	36	#Max	16QAM	21.12	-2.08	19.04	PASS
Band4	15	20325	75	#0	16QAM	21.07	-2.08	18.99	PASS
Band4	20	20050	1	#0	QPSK	22.98	-2.08	20.90	PASS
Band4	20	20050	1	#Mid	QPSK	22.88	-2.08	20.80	PASS
Band4	20	20050	1	#Max	QPSK	22.86	-2.08	20.78	PASS
Band4	20	20050	50	#0	QPSK	21.95	-2.08	19.87	PASS
Band4	20	20050	50	#Mid	QPSK	22.02	-2.08	19.94	PASS
Band4	20	20050	50	#Max	QPSK	21.93	-2.08	19.85	PASS
Band4	20	20050	100	#0	QPSK	21.96	-2.08	19.88	PASS
Band4	20	20050	1	#0	16QAM	22.33	-2.08	20.25	PASS
Band4	20	20050	1	#Mid	16QAM	22.36	-2.08	20.28	PASS
Band4	20	20050	1	#Max	16QAM	22.34	-2.08	20.26	PASS
Band4	20	20050	50	#0	16QAM	21.06	-2.08	18.98	PASS
Band4	20	20050	50	#Mid	16QAM	21.11	-2.08	19.03	PASS
Band4	20	20050	50	#Max	16QAM	21.08	-2.08	19.00	PASS
Band4	20	20050	100	#0	16QAM	21.02	-2.08	18.94	PASS
Band4	20	20175	1	#0	QPSK	22.89	-2.08	20.81	PASS
Band4	20	20175	1	#Mid	QPSK	22.86	-2.08	20.78	PASS
Band4	20	20175	1	#Max	QPSK	23.08	-2.08	21.00	PASS
Band4	20	20175	50	#0	QPSK	21.91	-2.08	19.83	PASS
Band4	20	20175	50	#Mid	QPSK	21.94	-2.08	19.86	PASS
Band4	20	20175	50	#Max	QPSK	21.95	-2.08	19.87	PASS
Band4	20	20175	100	#0	QPSK	21.92	-2.08	19.84	PASS
Band4	20	20175	1	#0	16QAM	22.21	-2.08	20.13	PASS
Band4	20	20175	1	#Mid	16QAM	22.14	-2.08	20.06	PASS
Band4	20	20175	1	#Max	16QAM	22.15	-2.08	20.07	PASS
Band4	20	20175	50	#0	16QAM	20.95	-2.08	18.87	PASS
Band4	20	20175	50	#Mid	16QAM	21.01	-2.08	18.93	PASS
Band4	20	20175	50	#Max	16QAM	20.94	-2.08	18.86	PASS
Band4	20	20175	100	#0	16QAM	21.01	-2.08	18.93	PASS
Band4	20	20300	1	#0	QPSK	23.10	-2.08	21.02	PASS
Band4	20	20300	1	#Mid	QPSK	23.11	-2.08	21.03	PASS
Band4	20	20300	1	#Max	QPSK	23.05	-2.08	20.97	PASS
Band4	20	20300	50	#0	QPSK	22.00	-2.08	19.92	PASS
Band4	20	20300	50	#Mid	QPSK	22.11	-2.08	20.03	PASS
Band4	20	20300	50	#Max	QPSK	22.08	-2.08	20.00	PASS
Band4	20	20300	100	#0	QPSK	22.02	-2.08	19.94	PASS
Band4	20	20300	1	#0	16QAM	22.17	-2.08	20.09	PASS
Band4	20	20300	1	#Mid	16QAM	22.23	-2.08	20.15	PASS
Band4	20	20300	1	#Max	16QAM	22.37	-2.08	20.29	PASS
Band4	20	20300	50	#0	16QAM	20.97	-2.08	18.89	PASS
Band4	20	20300	50	#Mid	16QAM	21.09	-2.08	19.01	PASS
Band4	20	20300	50	#Max	16QAM	21.10	-2.08	19.02	PASS

Band4	20	20300	100	#0	16QAM	21.07	-2.08	18.99	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	10.01	0.006	PASS
Band4	1.4	19957	6	#0	QPSK	NV	NT	8.13	0.005	PASS
Band4	1.4	19957	6	#0	QPSK	HV	NT	3.83	0.002	PASS
Band4	1.4	19957	6	#0	16QAM	LV	NT	4.28	0.003	PASS
Band4	1.4	19957	6	#0	16QAM	NV	NT	3.81	0.002	PASS
Band4	1.4	19957	6	#0	16QAM	HV	NT	13.93	0.008	PASS
Band4	1.4	20175	6	#0	QPSK	LV	NT	-8.93	-0.005	PASS
Band4	1.4	20175	6	#0	QPSK	NV	NT	-13.65	-0.008	PASS
Band4	1.4	20175	6	#0	QPSK	HV	NT	-16.55	-0.010	PASS
Band4	1.4	20175	6	#0	16QAM	LV	NT	-9.78	-0.006	PASS
Band4	1.4	20175	6	#0	16QAM	NV	NT	-7.40	-0.004	PASS
Band4	1.4	20175	6	#0	16QAM	HV	NT	-12.80	-0.007	PASS
Band4	1.4	20393	6	#0	QPSK	LV	NT	15.49	0.009	PASS
Band4	1.4	20393	6	#0	QPSK	NV	NT	12.13	0.007	PASS
Band4	1.4	20393	6	#0	QPSK	HV	NT	7.47	0.004	PASS
Band4	1.4	20393	6	#0	16QAM	LV	NT	12.66	0.007	PASS
Band4	1.4	20393	6	#0	16QAM	NV	NT	8.40	0.005	PASS
Band4	1.4	20393	6	#0	16QAM	HV	NT	6.22	0.004	PASS
Band4	3	19965	15	#0	QPSK	LV	NT	-7.55	-0.004	PASS
Band4	3	19965	15	#0	QPSK	NV	NT	-2.85	-0.002	PASS
Band4	3	19965	15	#0	QPSK	HV	NT	-13.52	-0.008	PASS
Band4	3	19965	15	#0	16QAM	LV	NT	-13.00	-0.008	PASS
Band4	3	19965	15	#0	16QAM	NV	NT	-11.64	-0.007	PASS
Band4	3	19965	15	#0	16QAM	HV	NT	-1.59	-0.001	PASS
Band4	3	20175	15	#0	QPSK	LV	NT	5.99	0.003	PASS
Band4	3	20175	15	#0	QPSK	NV	NT	4.99	0.003	PASS
Band4	3	20175	15	#0	QPSK	HV	NT	1.02	0.001	PASS
Band4	3	20175	15	#0	16QAM	LV	NT	-4.62	-0.003	PASS
Band4	3	20175	15	#0	16QAM	NV	NT	0.74	0.000	PASS
Band4	3	20175	15	#0	16QAM	HV	NT	4.66	0.003	PASS
Band4	3	20385	15	#0	QPSK	LV	NT	-4.08	-0.002	PASS
Band4	3	20385	15	#0	QPSK	NV	NT	1.32	0.001	PASS
Band4	3	20385	15	#0	QPSK	HV	NT	5.14	0.003	PASS
Band4	3	20385	15	#0	16QAM	LV	NT	-2.37	-0.001	PASS
Band4	3	20385	15	#0	16QAM	NV	NT	-7.25	-0.004	PASS
Band4	3	20385	15	#0	16QAM	HV	NT	1.83	0.001	PASS
Band4	5	19975	25	#0	QPSK	LV	NT	-3.45	-0.002	PASS
Band4	5	19975	25	#0	QPSK	NV	NT	-12.66	-0.007	PASS

Band4	5	19975	25	#0	QPSK	HV	NT	-8.50	-0.005	PASS
Band4	5	19975	25	#0	16QAM	LV	NT	-9.66	-0.006	PASS
Band4	5	19975	25	#0	16QAM	NV	NT	-12.96	-0.008	PASS
Band4	5	19975	25	#0	16QAM	HV	NT	-15.94	-0.009	PASS
Band4	5	20175	25	#0	QPSK	LV	NT	3.69	0.002	PASS
Band4	5	20175	25	#0	QPSK	NV	NT	6.31	0.004	PASS
Band4	5	20175	25	#0	QPSK	HV	NT	2.35	0.001	PASS
Band4	5	20175	25	#0	16QAM	LV	NT	-2.49	-0.001	PASS
Band4	5	20175	25	#0	16QAM	NV	NT	-6.39	-0.004	PASS
Band4	5	20175	25	#0	16QAM	HV	NT	-2.69	-0.002	PASS
Band4	5	20375	25	#0	QPSK	LV	NT	-4.45	-0.003	PASS
Band4	5	20375	25	#0	QPSK	NV	NT	-7.10	-0.004	PASS
Band4	5	20375	25	#0	QPSK	HV	NT	6.52	0.004	PASS
Band4	5	20375	25	#0	16QAM	LV	NT	-0.47	0.000	PASS
Band4	5	20375	25	#0	16QAM	NV	NT	-7.62	-0.004	PASS
Band4	5	20375	25	#0	16QAM	HV	NT	4.19	0.002	PASS
Band4	10	20000	50	#0	QPSK	LV	NT	3.71	0.002	PASS
Band4	10	20000	50	#0	QPSK	NV	NT	-4.11	-0.002	PASS
Band4	10	20000	50	#0	QPSK	HV	NT	-2.06	-0.001	PASS
Band4	10	20000	50	#0	16QAM	LV	NT	-5.71	-0.003	PASS
Band4	10	20000	50	#0	16QAM	NV	NT	5.72	0.003	PASS
Band4	10	20000	50	#0	16QAM	HV	NT	-0.13	0.000	PASS
Band4	10	20175	50	#0	QPSK	LV	NT	2.80	0.002	PASS
Band4	10	20175	50	#0	QPSK	NV	NT	0.57	0.000	PASS
Band4	10	20175	50	#0	QPSK	HV	NT	-2.96	-0.002	PASS
Band4	10	20175	50	#0	16QAM	LV	NT	-9.67	-0.006	PASS
Band4	10	20175	50	#0	16QAM	NV	NT	4.81	0.003	PASS
Band4	10	20175	50	#0	16QAM	HV	NT	-0.70	0.000	PASS
Band4	10	20350	50	#0	QPSK	LV	NT	-13.06	-0.007	PASS
Band4	10	20350	50	#0	QPSK	NV	NT	-15.09	-0.009	PASS
Band4	10	20350	50	#0	QPSK	HV	NT	-1.47	-0.001	PASS
Band4	10	20350	50	#0	16QAM	LV	NT	-7.94	-0.005	PASS
Band4	10	20350	50	#0	16QAM	NV	NT	-16.21	-0.009	PASS
Band4	10	20350	50	#0	16QAM	HV	NT	-4.29	-0.002	PASS
Band4	15	20025	75	#0	QPSK	LV	NT	-4.06	-0.002	PASS
Band4	15	20025	75	#0	QPSK	NV	NT	4.39	0.003	PASS
Band4	15	20025	75	#0	QPSK	HV	NT	0.11	0.000	PASS
Band4	15	20025	75	#0	16QAM	LV	NT	2.36	0.001	PASS
Band4	15	20025	75	#0	16QAM	NV	NT	-4.65	-0.003	PASS
Band4	15	20025	75	#0	16QAM	HV	NT	4.42	0.003	PASS
Band4	15	20175	75	#0	QPSK	LV	NT	1.97	0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	NT	-0.74	0.000	PASS
Band4	15	20175	75	#0	QPSK	HV	NT	-5.01	-0.003	PASS

Band4	15	20175	75	#0	16QAM	LV	NT	3.46	0.002	PASS
Band4	15	20175	75	#0	16QAM	NV	NT	1.52	0.001	PASS
Band4	15	20175	75	#0	16QAM	HV	NT	-2.72	-0.002	PASS
Band4	15	20325	75	#0	QPSK	LV	NT	3.75	0.002	PASS
Band4	15	20325	75	#0	QPSK	NV	NT	5.42	0.003	PASS
Band4	15	20325	75	#0	QPSK	HV	NT	0.62	0.000	PASS
Band4	15	20325	75	#0	16QAM	LV	NT	-6.84	-0.004	PASS
Band4	15	20325	75	#0	16QAM	NV	NT	4.33	0.002	PASS
Band4	15	20325	75	#0	16QAM	HV	NT	0.93	0.001	PASS
Band4	20	20050	100	#0	QPSK	LV	NT	-0.67	0.000	PASS
Band4	20	20050	100	#0	QPSK	NV	NT	-3.98	-0.002	PASS
Band4	20	20050	100	#0	QPSK	HV	NT	-6.37	-0.004	PASS
Band4	20	20050	100	#0	16QAM	LV	NT	-2.85	-0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	NT	4.49	0.003	PASS
Band4	20	20050	100	#0	16QAM	HV	NT	-3.76	-0.002	PASS
Band4	20	20175	100	#0	QPSK	LV	NT	-5.71	-0.003	PASS
Band4	20	20175	100	#0	QPSK	NV	NT	-7.01	-0.004	PASS
Band4	20	20175	100	#0	QPSK	HV	NT	-9.70	-0.006	PASS
Band4	20	20175	100	#0	16QAM	LV	NT	4.08	0.002	PASS
Band4	20	20175	100	#0	16QAM	NV	NT	0.56	0.000	PASS
Band4	20	20175	100	#0	16QAM	HV	NT	-1.29	-0.001	PASS
Band4	20	20300	100	#0	QPSK	LV	NT	-9.67	-0.006	PASS
Band4	20	20300	100	#0	QPSK	NV	NT	-9.00	-0.005	PASS
Band4	20	20300	100	#0	QPSK	HV	NT	-9.91	-0.006	PASS
Band4	20	20300	100	#0	16QAM	LV	NT	4.85	0.003	PASS
Band4	20	20300	100	#0	16QAM	NV	NT	1.66	0.001	PASS
Band4	20	20300	100	#0	16QAM	HV	NT	0.69	0.000	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	16.18	0.009	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-20	17.55	0.010	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-10	10.70	0.006	PASS
Band4	1.4	19957	6	#0	QPSK	NV	0	9.13	0.005	PASS
Band4	1.4	19957	6	#0	QPSK	NV	10	11.84	0.007	PASS
Band4	1.4	19957	6	#0	QPSK	NV	20	14.19	0.008	PASS
Band4	1.4	19957	6	#0	QPSK	NV	30	14.95	0.009	PASS
Band4	1.4	19957	6	#0	QPSK	NV	40	15.78	0.009	PASS
Band4	1.4	19957	6	#0	QPSK	NV	50	11.53	0.007	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-30	14.49	0.008	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-20	10.13	0.006	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-10	6.59	0.004	PASS
Band4	1.4	19957	6	#0	16QAM	NV	0	11.10	0.006	PASS

Band4	1.4	19957	6	#0	16QAM	NV	10	14.23	0.008	PASS
Band4	1.4	19957	6	#0	16QAM	NV	20	3.19	0.002	PASS
Band4	1.4	19957	6	#0	16QAM	NV	30	9.68	0.006	PASS
Band4	1.4	19957	6	#0	16QAM	NV	40	13.18	0.008	PASS
Band4	1.4	19957	6	#0	16QAM	NV	50	6.85	0.004	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-30	-12.47	-0.007	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-20	-16.02	-0.009	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-10	-23.15	-0.013	PASS
Band4	1.4	20175	6	#0	QPSK	NV	0	-13.86	-0.008	PASS
Band4	1.4	20175	6	#0	QPSK	NV	10	-20.71	-0.012	PASS
Band4	1.4	20175	6	#0	QPSK	NV	20	-12.25	-0.007	PASS
Band4	1.4	20175	6	#0	QPSK	NV	30	-16.22	-0.009	PASS
Band4	1.4	20175	6	#0	QPSK	NV	40	-19.67	-0.011	PASS
Band4	1.4	20175	6	#0	QPSK	NV	50	-10.96	-0.006	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-30	-20.90	-0.012	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-20	-20.36	-0.012	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-10	-15.12	-0.009	PASS
Band4	1.4	20175	6	#0	16QAM	NV	0	-20.34	-0.012	PASS
Band4	1.4	20175	6	#0	16QAM	NV	10	-24.18	-0.014	PASS
Band4	1.4	20175	6	#0	16QAM	NV	20	-11.83	-0.007	PASS
Band4	1.4	20175	6	#0	16QAM	NV	30	-14.19	-0.008	PASS
Band4	1.4	20175	6	#0	16QAM	NV	40	-18.18	-0.010	PASS
Band4	1.4	20175	6	#0	16QAM	NV	50	-21.99	-0.013	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-30	14.73	0.008	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-20	10.74	0.006	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-10	5.05	0.003	PASS
Band4	1.4	20393	6	#0	QPSK	NV	0	10.63	0.006	PASS
Band4	1.4	20393	6	#0	QPSK	NV	10	11.62	0.007	PASS
Band4	1.4	20393	6	#0	QPSK	NV	20	8.61	0.005	PASS
Band4	1.4	20393	6	#0	QPSK	NV	30	12.35	0.007	PASS
Band4	1.4	20393	6	#0	QPSK	NV	40	7.82	0.004	PASS
Band4	1.4	20393	6	#0	QPSK	NV	50	9.97	0.006	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-30	11.57	0.007	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-20	6.07	0.003	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-10	14.91	0.008	PASS
Band4	1.4	20393	6	#0	16QAM	NV	0	8.20	0.005	PASS
Band4	1.4	20393	6	#0	16QAM	NV	10	3.76	0.002	PASS
Band4	1.4	20393	6	#0	16QAM	NV	20	15.13	0.009	PASS
Band4	1.4	20393	6	#0	16QAM	NV	30	13.25	0.008	PASS
Band4	1.4	20393	6	#0	16QAM	NV	40	8.04	0.005	PASS
Band4	1.4	20393	6	#0	16QAM	NV	50	4.91	0.003	PASS
Band4	3	19965	15	#0	QPSK	NV	-30	-12.72	-0.007	PASS
Band4	3	19965	15	#0	QPSK	NV	-20	-8.81	-0.005	PASS

Band4	3	19965	15	#0	QPSK	NV	-10	-6.21	-0.004	PASS
Band4	3	19965	15	#0	QPSK	NV	0	-5.62	-0.003	PASS
Band4	3	19965	15	#0	QPSK	NV	10	-9.28	-0.005	PASS
Band4	3	19965	15	#0	QPSK	NV	20	-10.47	-0.006	PASS
Band4	3	19965	15	#0	QPSK	NV	30	-4.73	-0.003	PASS
Band4	3	19965	15	#0	QPSK	NV	40	-3.40	-0.002	PASS
Band4	3	19965	15	#0	QPSK	NV	50	-5.92	-0.003	PASS
Band4	3	19965	15	#0	16QAM	NV	-30	-11.26	-0.007	PASS
Band4	3	19965	15	#0	16QAM	NV	-20	-13.82	-0.008	PASS
Band4	3	19965	15	#0	16QAM	NV	-10	-12.87	-0.008	PASS
Band4	3	19965	15	#0	16QAM	NV	0	-10.94	-0.006	PASS
Band4	3	19965	15	#0	16QAM	NV	10	-8.08	-0.005	PASS
Band4	3	19965	15	#0	16QAM	NV	20	-2.89	-0.002	PASS
Band4	3	19965	15	#0	16QAM	NV	30	-3.35	-0.002	PASS
Band4	3	19965	15	#0	16QAM	NV	40	-9.90	-0.006	PASS
Band4	3	19965	15	#0	16QAM	NV	50	-3.71	-0.002	PASS
Band4	3	20175	15	#0	QPSK	NV	-30	2.69	0.002	PASS
Band4	3	20175	15	#0	QPSK	NV	-20	-7.80	-0.005	PASS
Band4	3	20175	15	#0	QPSK	NV	-10	0.20	0.000	PASS
Band4	3	20175	15	#0	QPSK	NV	0	-6.38	-0.004	PASS
Band4	3	20175	15	#0	QPSK	NV	10	-0.19	0.000	PASS
Band4	3	20175	15	#0	QPSK	NV	20	-2.15	-0.001	PASS
Band4	3	20175	15	#0	QPSK	NV	30	-0.62	0.000	PASS
Band4	3	20175	15	#0	QPSK	NV	40	3.65	0.002	PASS
Band4	3	20175	15	#0	QPSK	NV	50	0.31	0.000	PASS
Band4	3	20175	15	#0	16QAM	NV	-30	-4.88	-0.003	PASS
Band4	3	20175	15	#0	16QAM	NV	-20	0.06	0.000	PASS
Band4	3	20175	15	#0	16QAM	NV	-10	-7.51	-0.004	PASS
Band4	3	20175	15	#0	16QAM	NV	0	5.24	0.003	PASS
Band4	3	20175	15	#0	16QAM	NV	10	-1.80	-0.001	PASS
Band4	3	20175	15	#0	16QAM	NV	20	-7.68	-0.004	PASS
Band4	3	20175	15	#0	16QAM	NV	30	5.87	0.003	PASS
Band4	3	20175	15	#0	16QAM	NV	40	1.12	0.001	PASS
Band4	3	20175	15	#0	16QAM	NV	50	-3.58	-0.002	PASS
Band4	3	20385	15	#0	QPSK	NV	-30	3.10	0.002	PASS
Band4	3	20385	15	#0	QPSK	NV	-20	4.46	0.003	PASS
Band4	3	20385	15	#0	QPSK	NV	-10	-1.93	-0.001	PASS
Band4	3	20385	15	#0	QPSK	NV	0	2.23	0.001	PASS
Band4	3	20385	15	#0	QPSK	NV	10	0.33	0.000	PASS
Band4	3	20385	15	#0	QPSK	NV	20	-4.72	-0.003	PASS
Band4	3	20385	15	#0	QPSK	NV	30	1.37	0.001	PASS
Band4	3	20385	15	#0	QPSK	NV	40	-0.46	0.000	PASS
Band4	3	20385	15	#0	QPSK	NV	50	2.37	0.001	PASS

Band4	3	20385	15	#0	16QAM	NV	-30	-2.05	-0.001	PASS
Band4	3	20385	15	#0	16QAM	NV	-20	2.85	0.002	PASS
Band4	3	20385	15	#0	16QAM	NV	-10	-4.49	-0.003	PASS
Band4	3	20385	15	#0	16QAM	NV	0	5.91	0.003	PASS
Band4	3	20385	15	#0	16QAM	NV	10	-0.47	0.000	PASS
Band4	3	20385	15	#0	16QAM	NV	20	-5.44	-0.003	PASS
Band4	3	20385	15	#0	16QAM	NV	30	0.69	0.000	PASS
Band4	3	20385	15	#0	16QAM	NV	40	2.75	0.002	PASS
Band4	3	20385	15	#0	16QAM	NV	50	-1.32	-0.001	PASS
Band4	5	19975	25	#0	QPSK	NV	-30	-8.88	-0.005	PASS
Band4	5	19975	25	#0	QPSK	NV	-20	-1.52	-0.001	PASS
Band4	5	19975	25	#0	QPSK	NV	-10	-5.04	-0.003	PASS
Band4	5	19975	25	#0	QPSK	NV	0	-7.90	-0.005	PASS
Band4	5	19975	25	#0	QPSK	NV	10	-2.99	-0.002	PASS
Band4	5	19975	25	#0	QPSK	NV	20	-8.64	-0.005	PASS
Band4	5	19975	25	#0	QPSK	NV	30	-5.88	-0.003	PASS
Band4	5	19975	25	#0	QPSK	NV	40	-5.41	-0.003	PASS
Band4	5	19975	25	#0	QPSK	NV	50	-10.86	-0.006	PASS
Band4	5	19975	25	#0	16QAM	NV	-30	-4.36	-0.003	PASS
Band4	5	19975	25	#0	16QAM	NV	-20	-5.18	-0.003	PASS
Band4	5	19975	25	#0	16QAM	NV	-10	-7.28	-0.004	PASS
Band4	5	19975	25	#0	16QAM	NV	0	-7.57	-0.004	PASS
Band4	5	19975	25	#0	16QAM	NV	10	-6.57	-0.004	PASS
Band4	5	19975	25	#0	16QAM	NV	20	-2.88	-0.002	PASS
Band4	5	19975	25	#0	16QAM	NV	30	-6.44	-0.004	PASS
Band4	5	19975	25	#0	16QAM	NV	40	-12.59	-0.007	PASS
Band4	5	19975	25	#0	16QAM	NV	50	-6.78	-0.004	PASS
Band4	5	20175	25	#0	QPSK	NV	-30	3.59	0.002	PASS
Band4	5	20175	25	#0	QPSK	NV	-20	-6.81	-0.004	PASS
Band4	5	20175	25	#0	QPSK	NV	-10	1.90	0.001	PASS
Band4	5	20175	25	#0	QPSK	NV	0	-4.09	-0.002	PASS
Band4	5	20175	25	#0	QPSK	NV	10	0.07	0.000	PASS
Band4	5	20175	25	#0	QPSK	NV	20	8.30	0.005	PASS
Band4	5	20175	25	#0	QPSK	NV	30	-2.75	-0.002	PASS
Band4	5	20175	25	#0	QPSK	NV	40	7.01	0.004	PASS
Band4	5	20175	25	#0	QPSK	NV	50	-2.23	-0.001	PASS
Band4	5	20175	25	#0	16QAM	NV	-30	4.48	0.003	PASS
Band4	5	20175	25	#0	16QAM	NV	-20	-3.35	-0.002	PASS
Band4	5	20175	25	#0	16QAM	NV	-10	4.82	0.003	PASS
Band4	5	20175	25	#0	16QAM	NV	0	-0.69	0.000	PASS
Band4	5	20175	25	#0	16QAM	NV	10	-6.02	-0.003	PASS
Band4	5	20175	25	#0	16QAM	NV	20	7.34	0.004	PASS
Band4	5	20175	25	#0	16QAM	NV	30	2.20	0.001	PASS

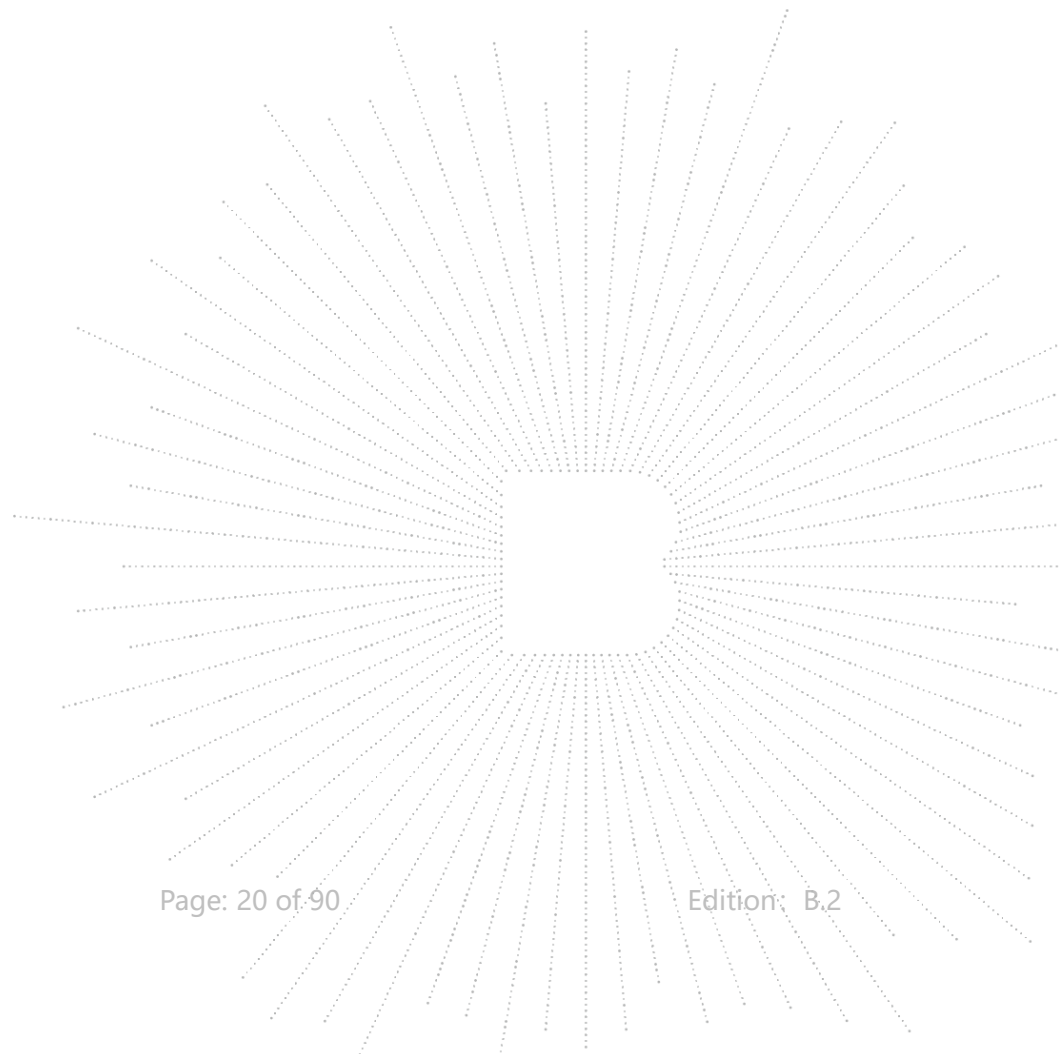
Band4	5	20175	25	#0	16QAM	NV	40	-3.18	-0.002	PASS
Band4	5	20175	25	#0	16QAM	NV	50	-7.15	-0.004	PASS
Band4	5	20375	25	#0	QPSK	NV	-30	-5.21	-0.003	PASS
Band4	5	20375	25	#0	QPSK	NV	-20	0.77	0.000	PASS
Band4	5	20375	25	#0	QPSK	NV	-10	-5.66	-0.003	PASS
Band4	5	20375	25	#0	QPSK	NV	0	3.43	0.002	PASS
Band4	5	20375	25	#0	QPSK	NV	10	-6.39	-0.004	PASS
Band4	5	20375	25	#0	QPSK	NV	20	3.03	0.002	PASS
Band4	5	20375	25	#0	QPSK	NV	30	-6.04	-0.003	PASS
Band4	5	20375	25	#0	QPSK	NV	40	1.54	0.001	PASS
Band4	5	20375	25	#0	QPSK	NV	50	-7.85	-0.004	PASS
Band4	5	20375	25	#0	16QAM	NV	-30	-0.36	0.000	PASS
Band4	5	20375	25	#0	16QAM	NV	-20	-8.20	-0.005	PASS
Band4	5	20375	25	#0	16QAM	NV	-10	1.99	0.001	PASS
Band4	5	20375	25	#0	16QAM	NV	0	-4.69	-0.003	PASS
Band4	5	20375	25	#0	16QAM	NV	10	4.02	0.002	PASS
Band4	5	20375	25	#0	16QAM	NV	20	1.77	0.001	PASS
Band4	5	20375	25	#0	16QAM	NV	30	-2.55	-0.001	PASS
Band4	5	20375	25	#0	16QAM	NV	40	-6.64	-0.004	PASS
Band4	5	20375	25	#0	16QAM	NV	50	0.93	0.001	PASS
Band4	10	20000	50	#0	QPSK	NV	-30	3.20	0.002	PASS
Band4	10	20000	50	#0	QPSK	NV	-20	-8.01	-0.005	PASS
Band4	10	20000	50	#0	QPSK	NV	-10	-6.62	-0.004	PASS
Band4	10	20000	50	#0	QPSK	NV	0	-9.76	-0.006	PASS
Band4	10	20000	50	#0	QPSK	NV	10	3.83	0.002	PASS
Band4	10	20000	50	#0	QPSK	NV	20	-2.37	-0.001	PASS
Band4	10	20000	50	#0	QPSK	NV	30	-8.38	-0.005	PASS
Band4	10	20000	50	#0	QPSK	NV	40	3.81	0.002	PASS
Band4	10	20000	50	#0	QPSK	NV	50	-3.08	-0.002	PASS
Band4	10	20000	50	#0	16QAM	NV	-30	-6.55	-0.004	PASS
Band4	10	20000	50	#0	16QAM	NV	-20	2.12	0.001	PASS
Band4	10	20000	50	#0	16QAM	NV	-10	-3.46	-0.002	PASS
Band4	10	20000	50	#0	16QAM	NV	0	-7.02	-0.004	PASS
Band4	10	20000	50	#0	16QAM	NV	10	-0.82	0.000	PASS
Band4	10	20000	50	#0	16QAM	NV	20	4.61	0.003	PASS
Band4	10	20000	50	#0	16QAM	NV	30	2.19	0.001	PASS
Band4	10	20000	50	#0	16QAM	NV	40	0.11	0.000	PASS
Band4	10	20000	50	#0	16QAM	NV	50	-2.43	-0.001	PASS
Band4	10	20175	50	#0	QPSK	NV	-30	3.89	0.002	PASS
Band4	10	20175	50	#0	QPSK	NV	-20	0.20	0.000	PASS
Band4	10	20175	50	#0	QPSK	NV	-10	-3.32	-0.002	PASS
Band4	10	20175	50	#0	QPSK	NV	0	-8.48	-0.005	PASS
Band4	10	20175	50	#0	QPSK	NV	10	4.61	0.003	PASS

Band4	10	20175	50	#0	QPSK	NV	20	1.00	0.001	PASS
Band4	10	20175	50	#0	QPSK	NV	30	-3.43	-0.002	PASS
Band4	10	20175	50	#0	QPSK	NV	40	-7.91	-0.005	PASS
Band4	10	20175	50	#0	QPSK	NV	50	5.81	0.003	PASS
Band4	10	20175	50	#0	16QAM	NV	-30	0.86	0.000	PASS
Band4	10	20175	50	#0	16QAM	NV	-20	-3.29	-0.002	PASS
Band4	10	20175	50	#0	16QAM	NV	-10	-6.01	-0.003	PASS
Band4	10	20175	50	#0	16QAM	NV	0	-8.64	-0.005	PASS
Band4	10	20175	50	#0	16QAM	NV	10	3.62	0.002	PASS
Band4	10	20175	50	#0	16QAM	NV	20	6.41	0.004	PASS
Band4	10	20175	50	#0	16QAM	NV	30	6.04	0.003	PASS
Band4	10	20175	50	#0	16QAM	NV	40	4.16	0.002	PASS
Band4	10	20175	50	#0	16QAM	NV	50	4.03	0.002	PASS
Band4	10	20350	50	#0	QPSK	NV	-30	-11.43	-0.007	PASS
Band4	10	20350	50	#0	QPSK	NV	-20	-14.33	-0.008	PASS
Band4	10	20350	50	#0	QPSK	NV	-10	-1.12	-0.001	PASS
Band4	10	20350	50	#0	QPSK	NV	0	-8.61	-0.005	PASS
Band4	10	20350	50	#0	QPSK	NV	10	-13.78	-0.008	PASS
Band4	10	20350	50	#0	QPSK	NV	20	-4.59	-0.003	PASS
Band4	10	20350	50	#0	QPSK	NV	30	-12.65	-0.007	PASS
Band4	10	20350	50	#0	QPSK	NV	40	-4.11	-0.002	PASS
Band4	10	20350	50	#0	QPSK	NV	50	-9.57	-0.005	PASS
Band4	10	20350	50	#0	16QAM	NV	-30	-10.04	-0.006	PASS
Band4	10	20350	50	#0	16QAM	NV	-20	-5.24	-0.003	PASS
Band4	10	20350	50	#0	16QAM	NV	-10	-9.91	-0.006	PASS
Band4	10	20350	50	#0	16QAM	NV	0	-14.71	-0.008	PASS
Band4	10	20350	50	#0	16QAM	NV	10	-3.39	-0.002	PASS
Band4	10	20350	50	#0	16QAM	NV	20	-1.90	-0.001	PASS
Band4	10	20350	50	#0	16QAM	NV	30	-4.02	-0.002	PASS
Band4	10	20350	50	#0	16QAM	NV	40	-6.12	-0.003	PASS
Band4	10	20350	50	#0	16QAM	NV	50	-7.17	-0.004	PASS
Band4	15	20025	75	#0	QPSK	NV	-30	3.36	0.002	PASS
Band4	15	20025	75	#0	QPSK	NV	-20	-6.88	-0.004	PASS
Band4	15	20025	75	#0	QPSK	NV	-10	4.09	0.002	PASS
Band4	15	20025	75	#0	QPSK	NV	0	-4.91	-0.003	PASS
Band4	15	20025	75	#0	QPSK	NV	10	3.78	0.002	PASS
Band4	15	20025	75	#0	QPSK	NV	20	-7.28	-0.004	PASS
Band4	15	20025	75	#0	QPSK	NV	30	2.02	0.001	PASS
Band4	15	20025	75	#0	QPSK	NV	40	-5.01	-0.003	PASS
Band4	15	20025	75	#0	QPSK	NV	50	0.74	0.000	PASS
Band4	15	20025	75	#0	16QAM	NV	-30	-8.73	-0.005	PASS
Band4	15	20025	75	#0	16QAM	NV	-20	2.65	0.002	PASS
Band4	15	20025	75	#0	16QAM	NV	-10	-2.55	-0.001	PASS

Band4	15	20025	75	#0	16QAM	NV	0	-4.81	-0.003	PASS
Band4	15	20025	75	#0	16QAM	NV	10	-8.41	-0.005	PASS
Band4	15	20025	75	#0	16QAM	NV	20	-10.01	-0.006	PASS
Band4	15	20025	75	#0	16QAM	NV	30	5.84	0.003	PASS
Band4	15	20025	75	#0	16QAM	NV	40	3.00	0.002	PASS
Band4	15	20025	75	#0	16QAM	NV	50	1.75	0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	-30	-5.15	-0.003	PASS
Band4	15	20175	75	#0	QPSK	NV	-20	4.13	0.002	PASS
Band4	15	20175	75	#0	QPSK	NV	-10	1.39	0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	0	-1.79	-0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	10	-6.34	-0.004	PASS
Band4	15	20175	75	#0	QPSK	NV	20	-0.87	-0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	30	2.05	0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	40	-2.15	-0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	50	-4.91	-0.003	PASS
Band4	15	20175	75	#0	16QAM	NV	-30	-7.85	-0.005	PASS
Band4	15	20175	75	#0	16QAM	NV	-20	4.45	0.003	PASS
Band4	15	20175	75	#0	16QAM	NV	-10	3.38	0.002	PASS
Band4	15	20175	75	#0	16QAM	NV	0	3.03	0.002	PASS
Band4	15	20175	75	#0	16QAM	NV	10	2.42	0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	20	2.70	0.002	PASS
Band4	15	20175	75	#0	16QAM	NV	30	2.47	0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	40	1.75	0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	50	2.27	0.001	PASS
Band4	15	20325	75	#0	QPSK	NV	-30	-8.44	-0.005	PASS
Band4	15	20325	75	#0	QPSK	NV	-20	0.72	0.000	PASS
Band4	15	20325	75	#0	QPSK	NV	-10	0.57	0.000	PASS
Band4	15	20325	75	#0	QPSK	NV	0	-6.57	-0.004	PASS
Band4	15	20325	75	#0	QPSK	NV	10	4.29	0.002	PASS
Band4	15	20325	75	#0	QPSK	NV	20	-2.32	-0.001	PASS
Band4	15	20325	75	#0	QPSK	NV	30	-7.82	-0.004	PASS
Band4	15	20325	75	#0	QPSK	NV	40	2.29	0.001	PASS
Band4	15	20325	75	#0	QPSK	NV	50	-3.35	-0.002	PASS
Band4	15	20325	75	#0	16QAM	NV	-30	-7.51	-0.004	PASS
Band4	15	20325	75	#0	16QAM	NV	-20	3.66	0.002	PASS
Band4	15	20325	75	#0	16QAM	NV	-10	0.01	0.000	PASS
Band4	15	20325	75	#0	16QAM	NV	0	-1.32	-0.001	PASS
Band4	15	20325	75	#0	16QAM	NV	10	-2.70	-0.002	PASS
Band4	15	20325	75	#0	16QAM	NV	20	-3.36	-0.002	PASS
Band4	15	20325	75	#0	16QAM	NV	30	-4.71	-0.003	PASS
Band4	15	20325	75	#0	16QAM	NV	40	-5.42	-0.003	PASS
Band4	15	20325	75	#0	16QAM	NV	50	-5.87	-0.003	PASS
Band4	20	20050	100	#0	QPSK	NV	-30	-3.22	-0.002	PASS

Band4	20	20050	100	#0	QPSK	NV	-20	1.42	0.001	PASS
Band4	20	20050	100	#0	QPSK	NV	-10	-5.75	-0.003	PASS
Band4	20	20050	100	#0	QPSK	NV	0	0.11	0.000	PASS
Band4	20	20050	100	#0	QPSK	NV	10	-0.74	0.000	PASS
Band4	20	20050	100	#0	QPSK	NV	20	-5.91	-0.003	PASS
Band4	20	20050	100	#0	QPSK	NV	30	1.37	0.001	PASS
Band4	20	20050	100	#0	QPSK	NV	40	-8.03	-0.005	PASS
Band4	20	20050	100	#0	QPSK	NV	50	-1.44	-0.001	PASS
Band4	20	20050	100	#0	16QAM	NV	-30	-0.69	0.000	PASS
Band4	20	20050	100	#0	16QAM	NV	-20	0.63	0.000	PASS
Band4	20	20050	100	#0	16QAM	NV	-10	-4.61	-0.003	PASS
Band4	20	20050	100	#0	16QAM	NV	0	-7.48	-0.004	PASS
Band4	20	20050	100	#0	16QAM	NV	10	-7.58	-0.004	PASS
Band4	20	20050	100	#0	16QAM	NV	20	2.85	0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	30	4.65	0.003	PASS
Band4	20	20050	100	#0	16QAM	NV	40	2.65	0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	50	0.59	0.000	PASS
Band4	20	20175	100	#0	QPSK	NV	-30	3.30	0.002	PASS
Band4	20	20175	100	#0	QPSK	NV	-20	3.99	0.002	PASS
Band4	20	20175	100	#0	QPSK	NV	-10	1.89	0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	0	-0.89	-0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	10	-3.81	-0.002	PASS
Band4	20	20175	100	#0	QPSK	NV	20	-8.24	-0.005	PASS
Band4	20	20175	100	#0	QPSK	NV	30	3.71	0.002	PASS
Band4	20	20175	100	#0	QPSK	NV	40	2.96	0.002	PASS
Band4	20	20175	100	#0	QPSK	NV	50	-1.09	-0.001	PASS
Band4	20	20175	100	#0	16QAM	NV	-30	-4.18	-0.002	PASS
Band4	20	20175	100	#0	16QAM	NV	-20	-6.29	-0.004	PASS
Band4	20	20175	100	#0	16QAM	NV	-10	-6.94	-0.004	PASS
Band4	20	20175	100	#0	16QAM	NV	0	-6.94	-0.004	PASS
Band4	20	20175	100	#0	16QAM	NV	10	-6.58	-0.004	PASS
Band4	20	20175	100	#0	16QAM	NV	20	-6.47	-0.004	PASS
Band4	20	20175	100	#0	16QAM	NV	30	-6.21	-0.004	PASS
Band4	20	20175	100	#0	16QAM	NV	40	-5.35	-0.003	PASS
Band4	20	20175	100	#0	16QAM	NV	50	-6.19	-0.004	PASS
Band4	20	20300	100	#0	QPSK	NV	-30	-0.82	0.000	PASS
Band4	20	20300	100	#0	QPSK	NV	-20	-0.77	0.000	PASS
Band4	20	20300	100	#0	QPSK	NV	-10	-3.43	-0.002	PASS
Band4	20	20300	100	#0	QPSK	NV	0	-7.07	-0.004	PASS
Band4	20	20300	100	#0	QPSK	NV	10	2.09	0.001	PASS
Band4	20	20300	100	#0	QPSK	NV	20	1.26	0.001	PASS
Band4	20	20300	100	#0	QPSK	NV	30	-3.19	-0.002	PASS
Band4	20	20300	100	#0	QPSK	NV	40	-8.53	-0.005	PASS

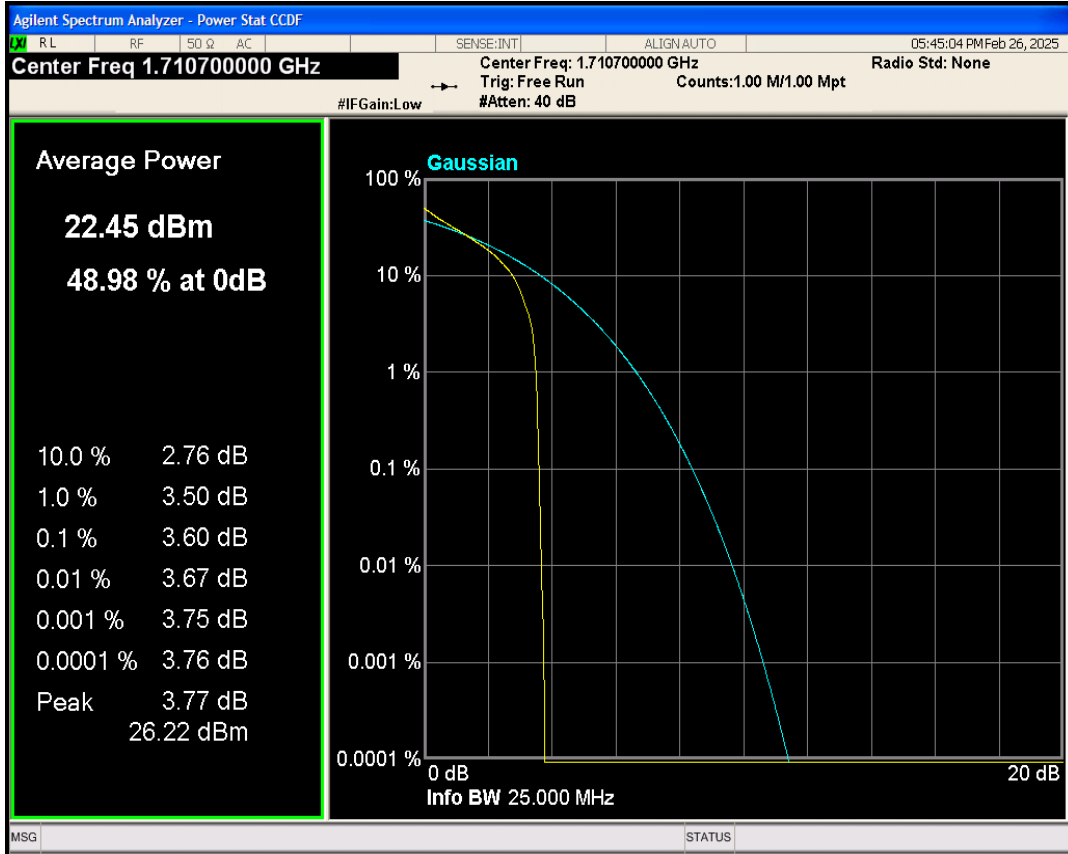
Band4	20	20300	100	#0	QPSK	NV	50	5.14	0.003	PASS
Band4	20	20300	100	#0	16QAM	NV	-30	1.24	0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	-20	-1.46	-0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	-10	-3.12	-0.002	PASS
Band4	20	20300	100	#0	16QAM	NV	0	-3.20	-0.002	PASS
Band4	20	20300	100	#0	16QAM	NV	10	-1.90	-0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	20	-2.45	-0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	30	-2.22	-0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	40	-2.20	-0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	50	-2.70	-0.002	PASS



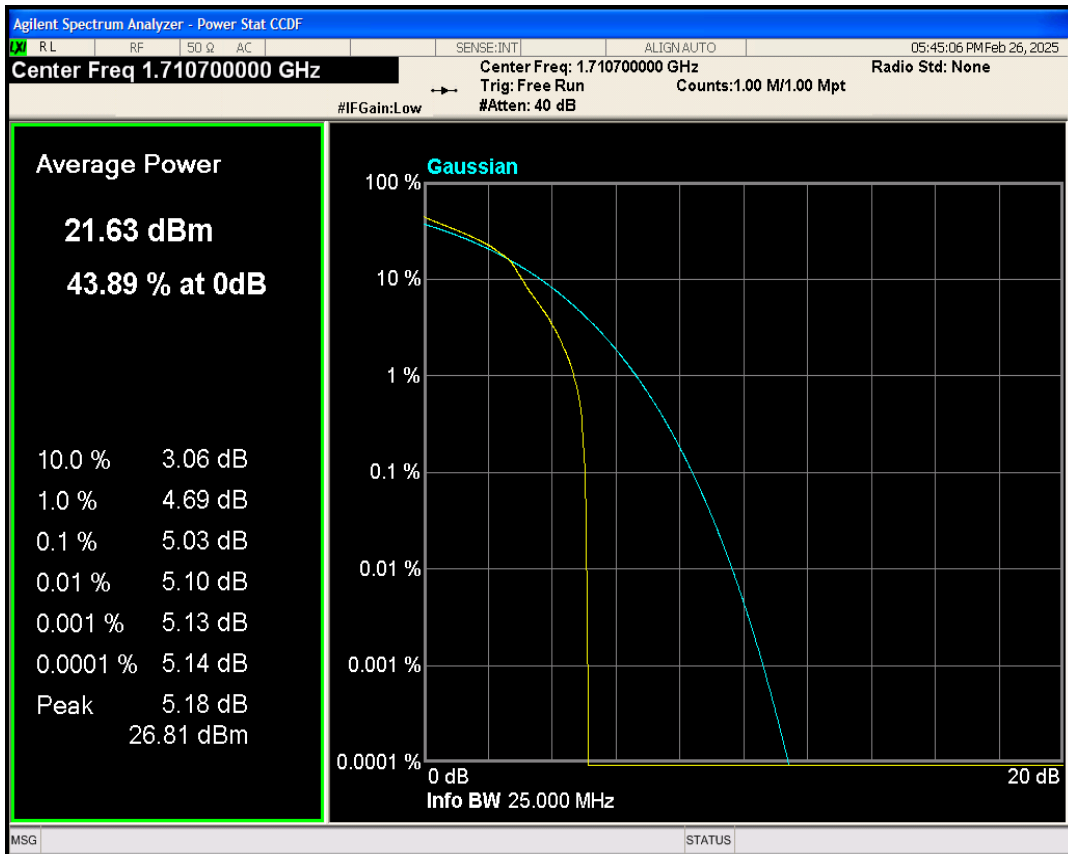
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	19957	1	#0	QPSK	3.60	13	PASS
Band4	1.4	19957	1	#0	16QAM	5.03	13	PASS
Band4	1.4	20175	1	#0	QPSK	3.75	13	PASS
Band4	1.4	20175	1	#0	16QAM	5.21	13	PASS
Band4	1.4	20393	1	#0	QPSK	4.20	13	PASS
Band4	1.4	20393	1	#0	16QAM	5.84	13	PASS
Band4	3	19965	1	#0	QPSK	3.44	13	PASS
Band4	3	19965	1	#0	16QAM	4.86	13	PASS
Band4	3	20175	1	#0	QPSK	3.69	13	PASS
Band4	3	20175	1	#0	16QAM	5.44	13	PASS
Band4	3	20385	1	#0	QPSK	3.84	13	PASS
Band4	3	20385	1	#0	16QAM	5.47	13	PASS
Band4	5	19975	1	#0	QPSK	3.43	13	PASS
Band4	5	19975	1	#0	16QAM	4.89	13	PASS
Band4	5	20175	1	#0	QPSK	3.81	13	PASS
Band4	5	20175	1	#0	16QAM	5.42	13	PASS
Band4	5	20375	1	#0	QPSK	3.63	13	PASS
Band4	5	20375	1	#0	16QAM	4.99	13	PASS
Band4	10	20000	1	#0	QPSK	3.43	13	PASS
Band4	10	20000	1	#0	16QAM	4.77	13	PASS
Band4	10	20175	1	#0	QPSK	4.01	13	PASS
Band4	10	20175	1	#0	16QAM	5.92	13	PASS
Band4	10	20350	1	#0	QPSK	3.33	13	PASS
Band4	10	20350	1	#0	16QAM	4.66	13	PASS
Band4	15	20025	1	#0	QPSK	3.34	13	PASS
Band4	15	20025	1	#0	16QAM	4.68	13	PASS
Band4	15	20175	1	#0	QPSK	4.04	13	PASS
Band4	15	20175	1	#0	16QAM	5.93	13	PASS
Band4	15	20325	1	#0	QPSK	3.04	13	PASS
Band4	15	20325	1	#0	16QAM	4.33	13	PASS
Band4	20	20050	1	#0	QPSK	3.33	13	PASS
Band4	20	20050	1	#0	16QAM	4.64	13	PASS
Band4	20	20175	1	#0	QPSK	3.97	13	PASS
Band4	20	20175	1	#0	16QAM	5.68	13	PASS
Band4	20	20300	1	#0	QPSK	2.91	13	PASS
Band4	20	20300	1	#0	16QAM	4.27	13	PASS

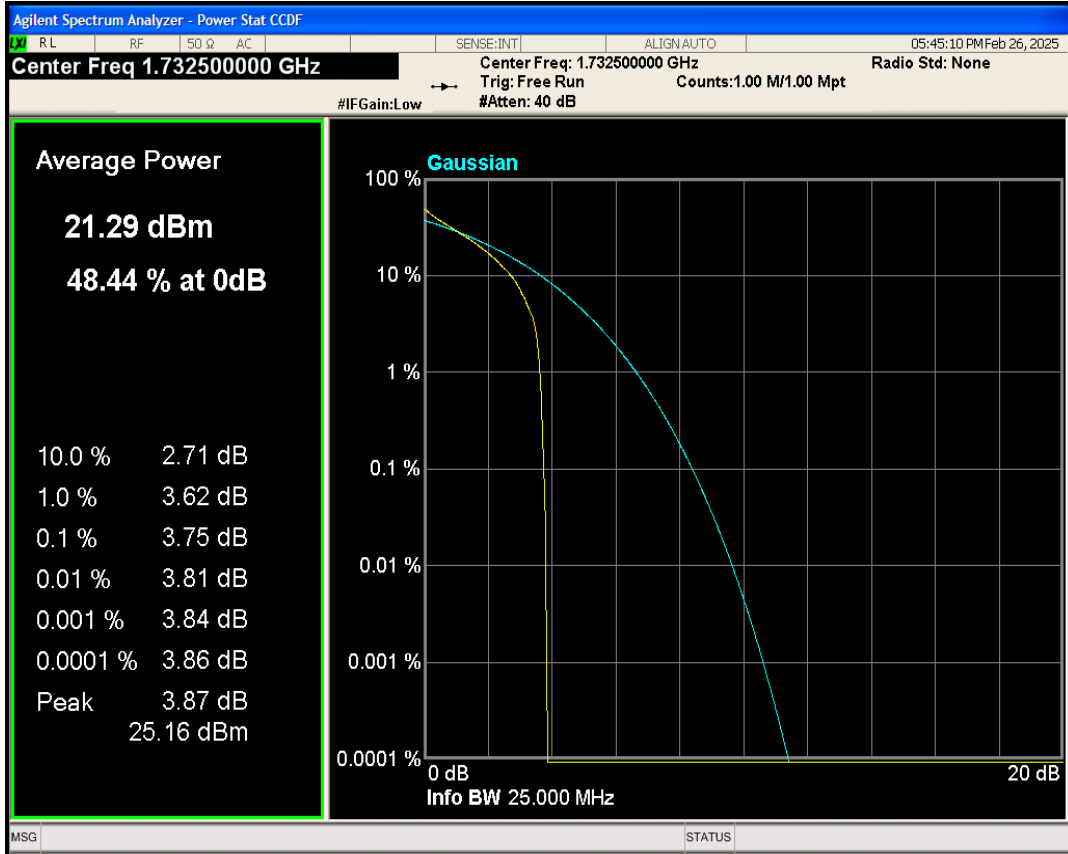
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



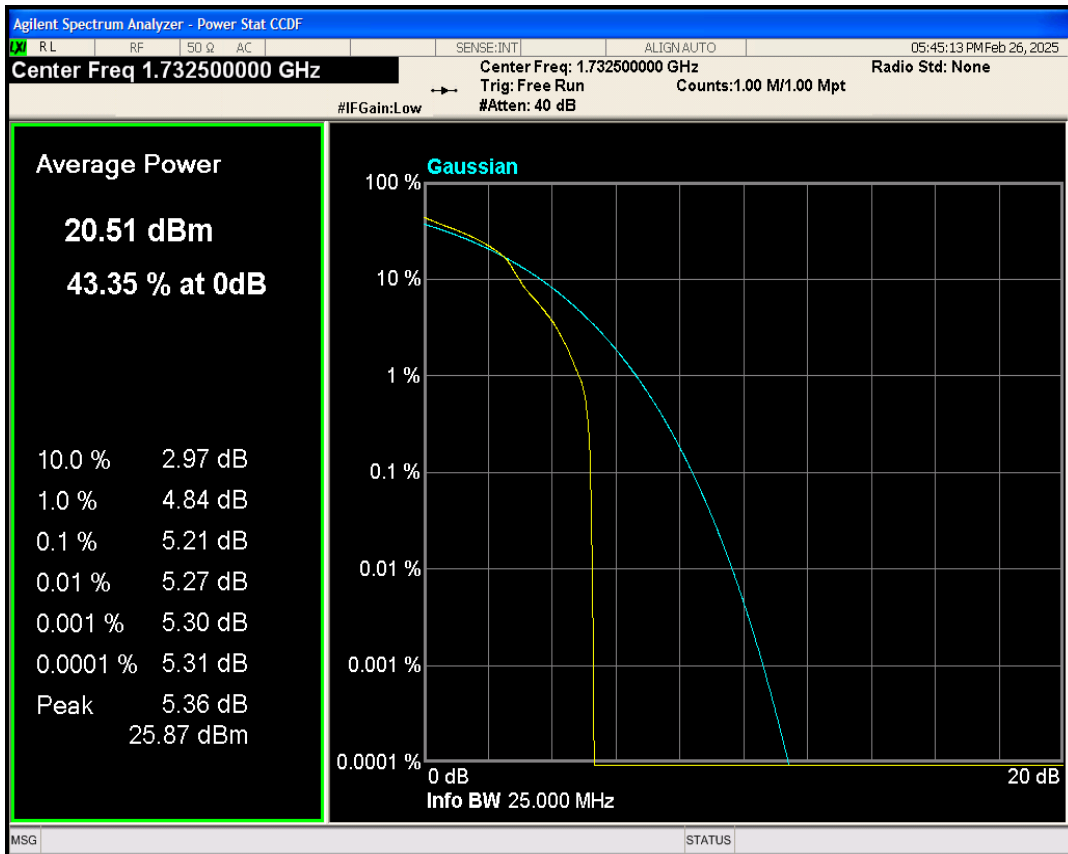
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0



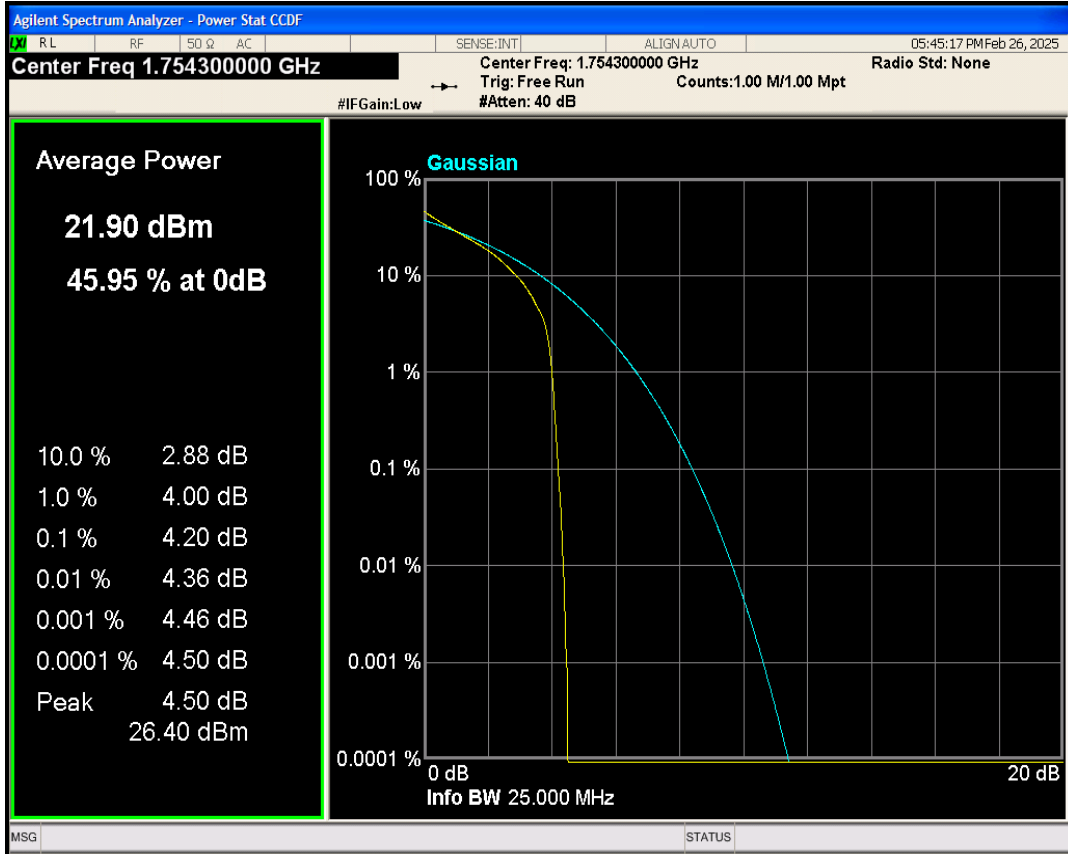
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



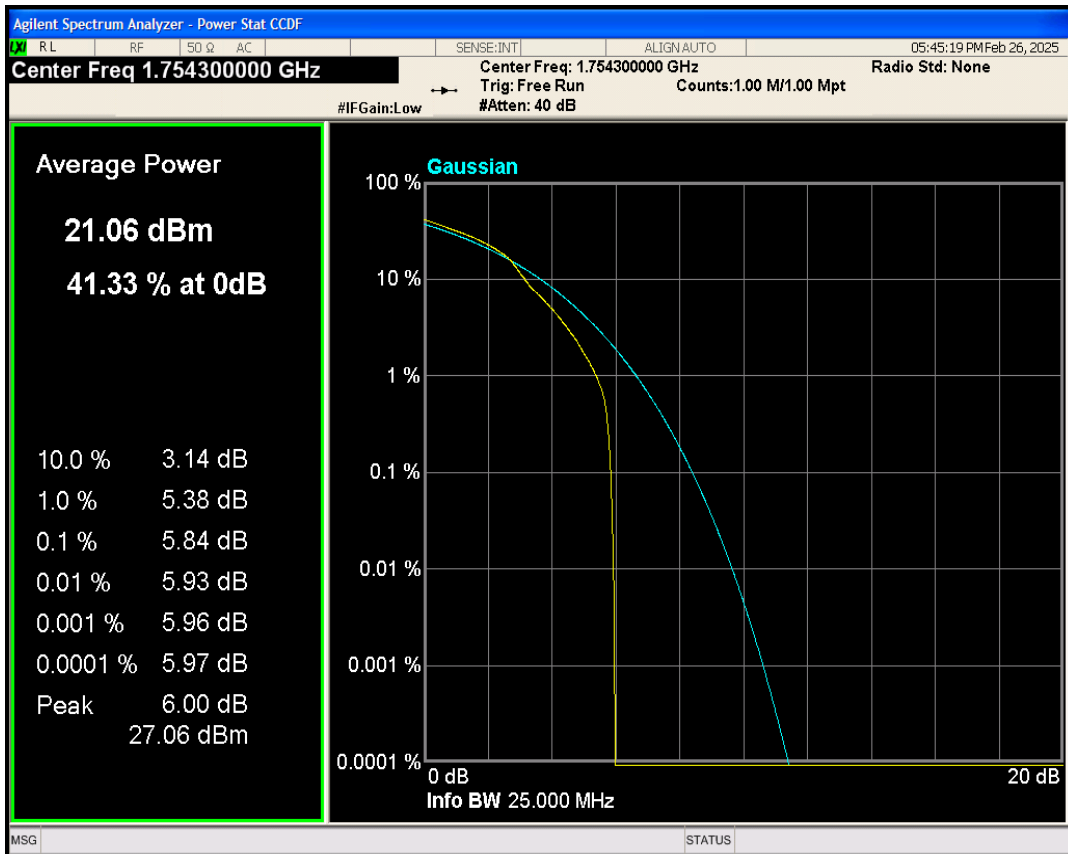
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



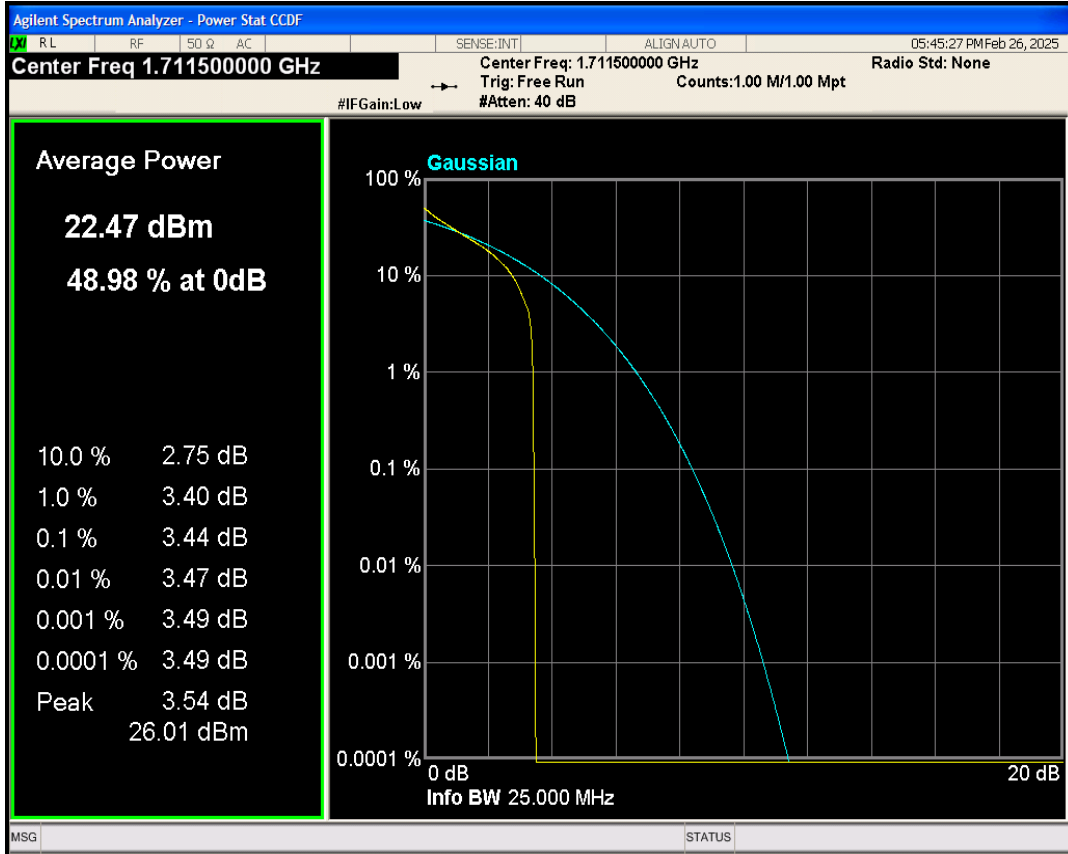
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



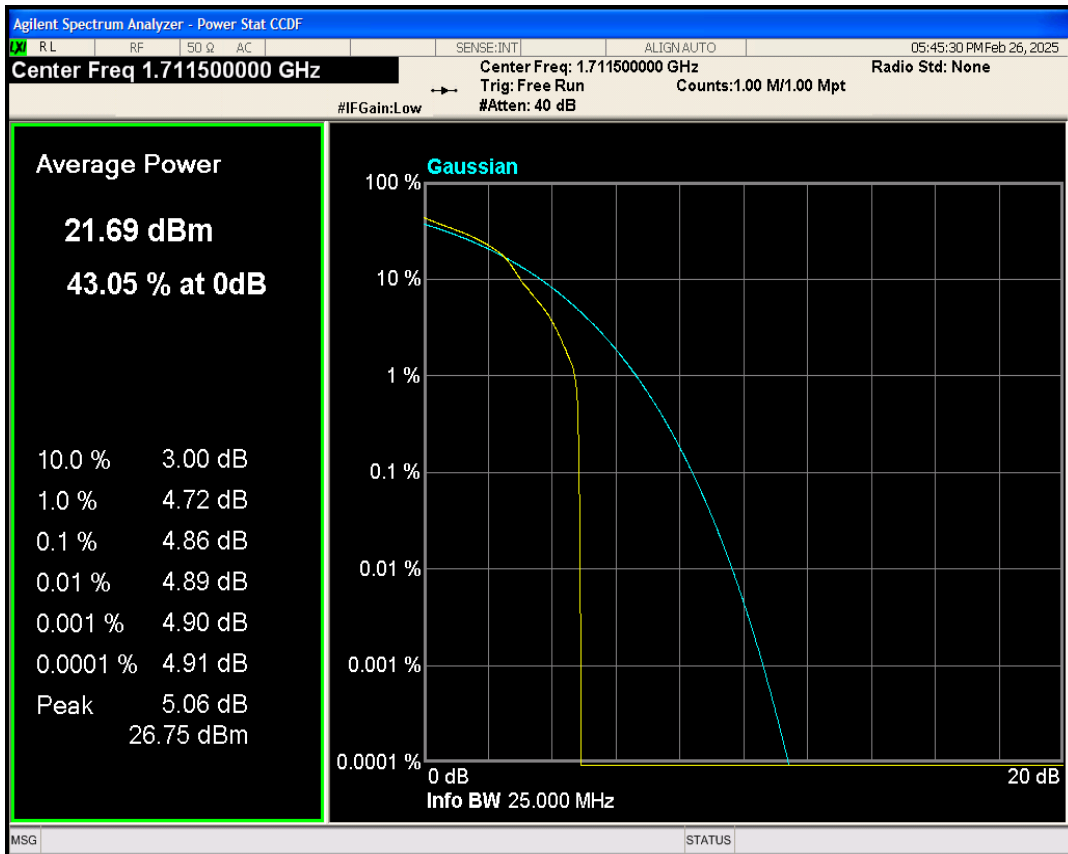
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



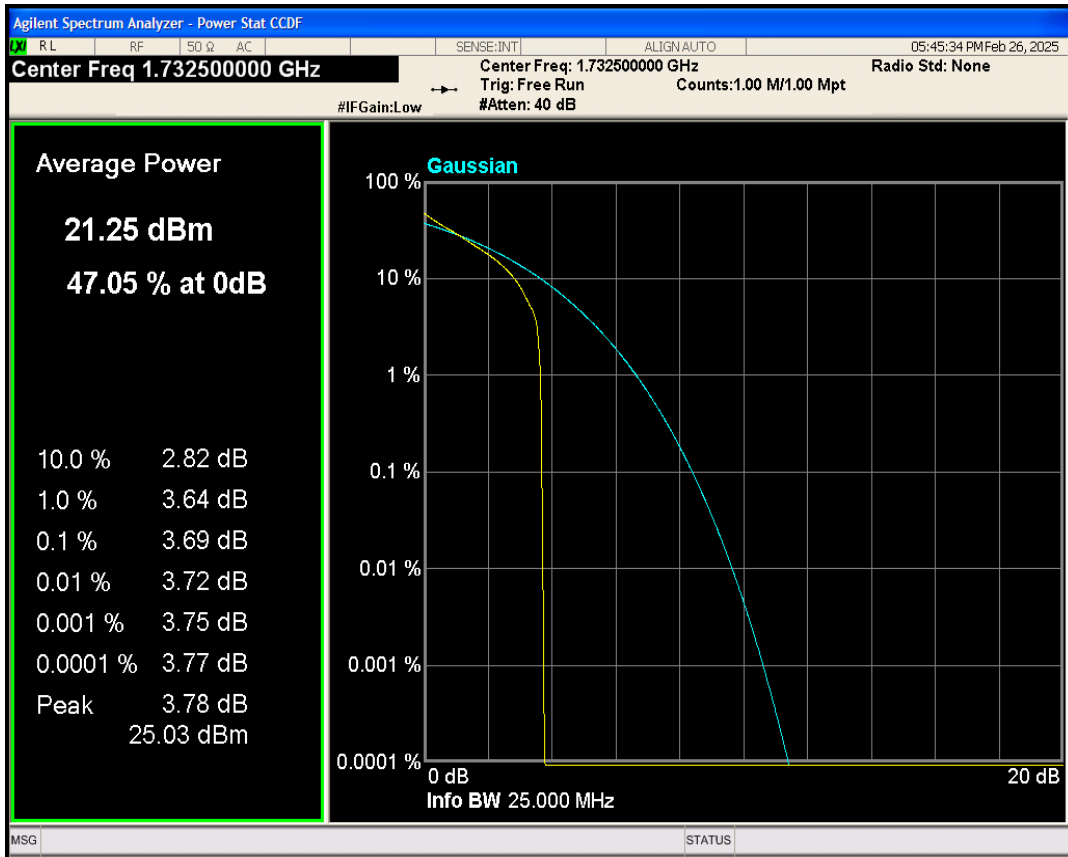
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



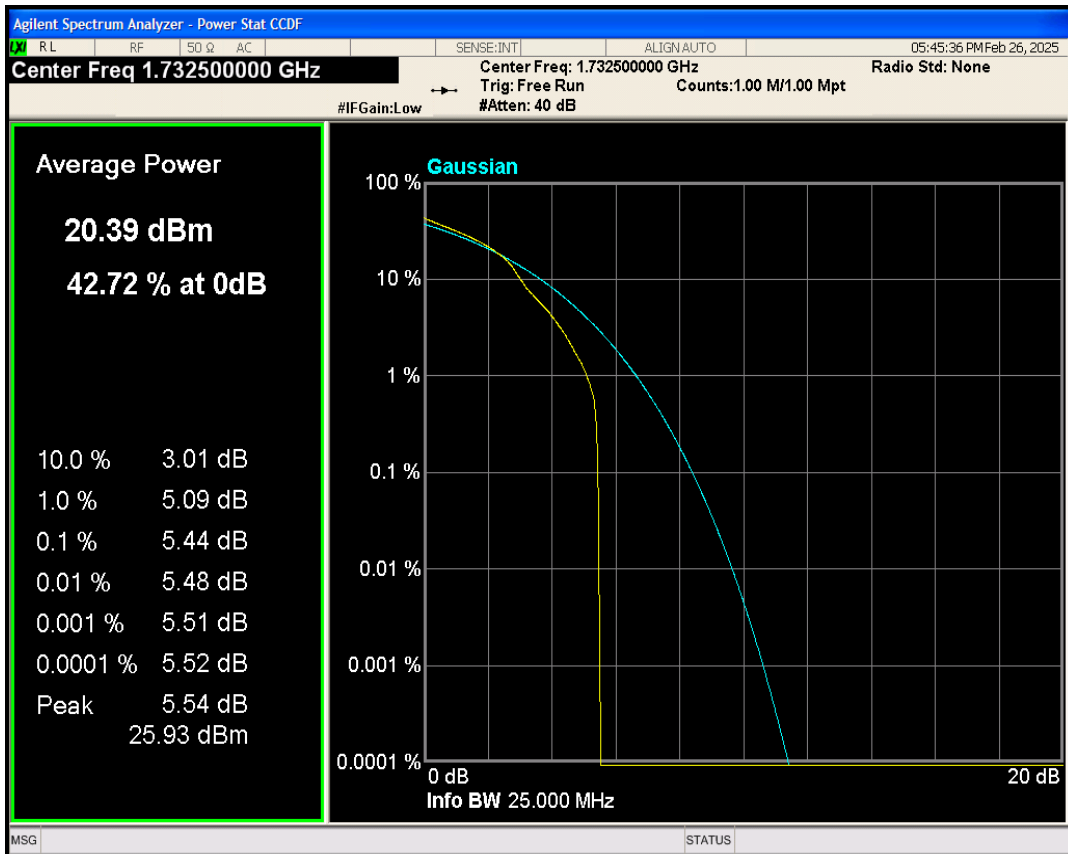
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



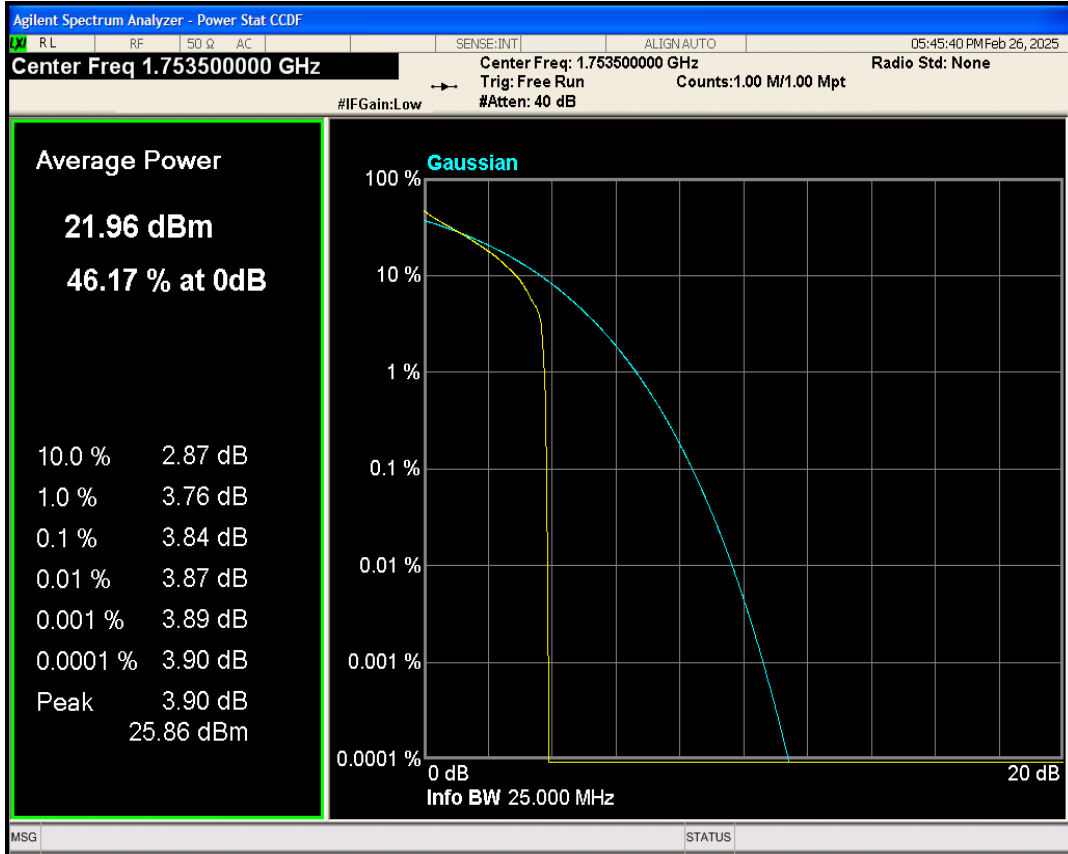
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



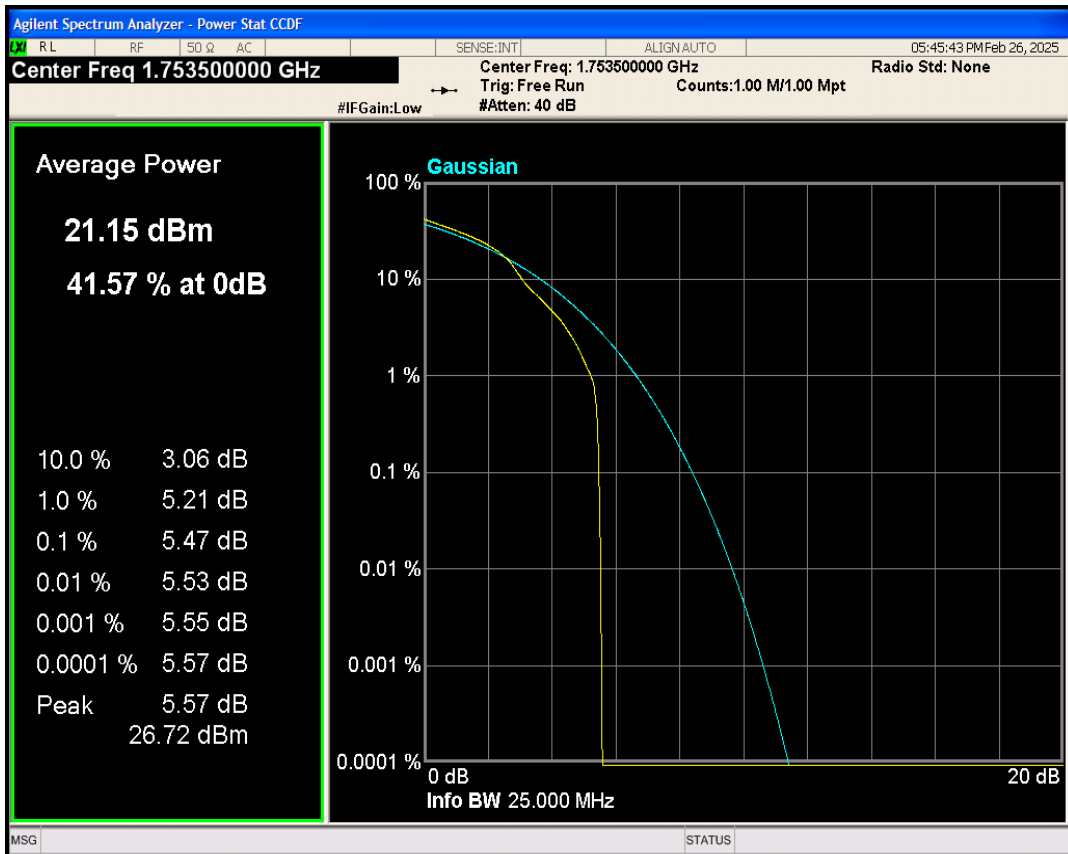
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



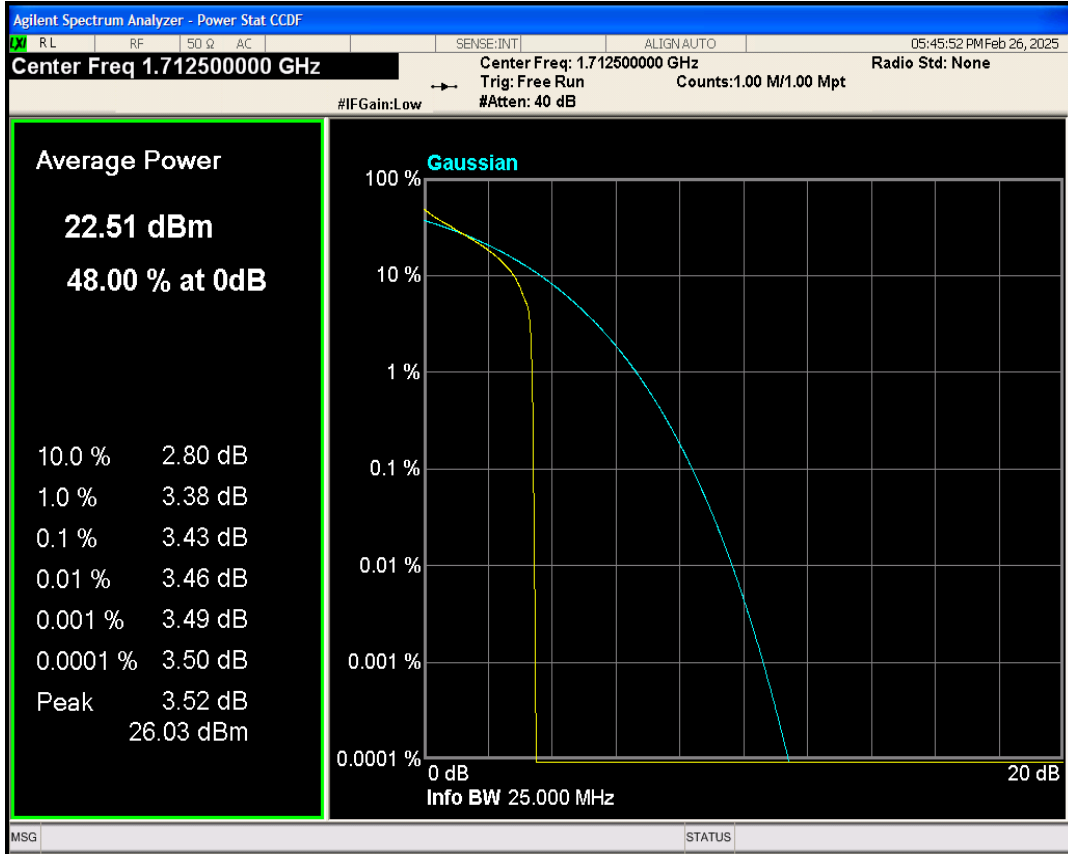
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



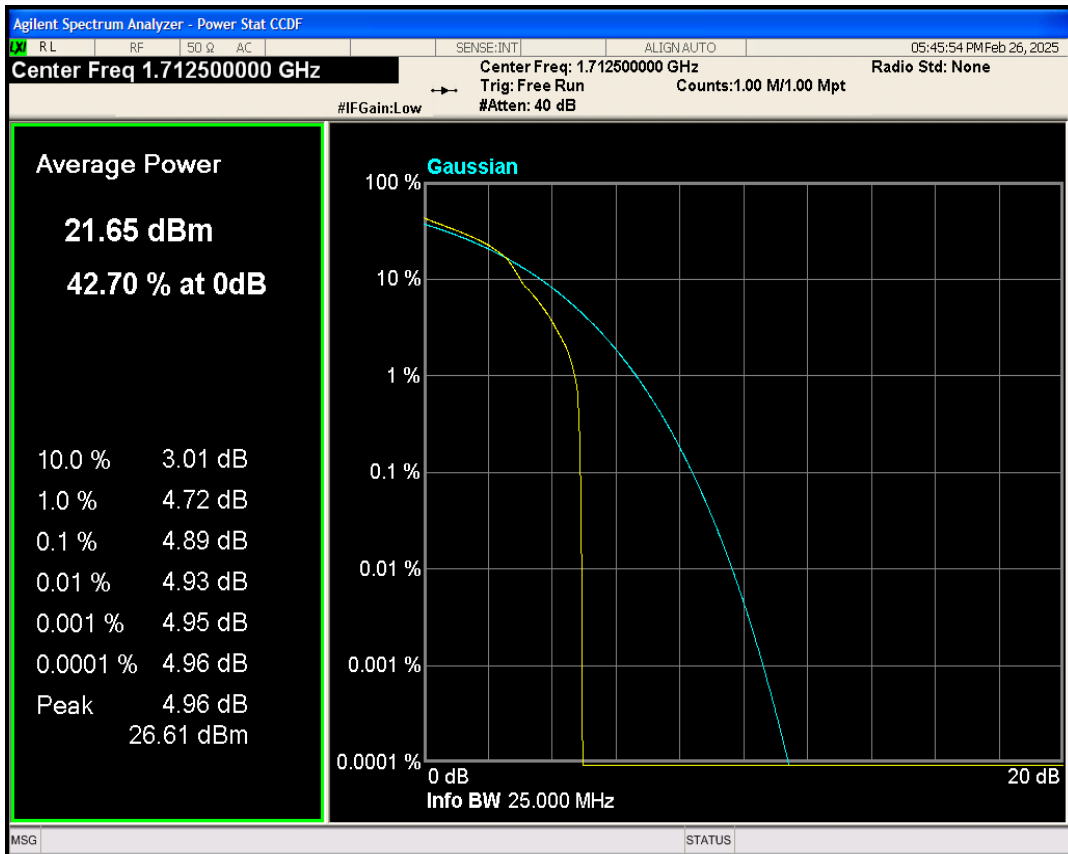
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0



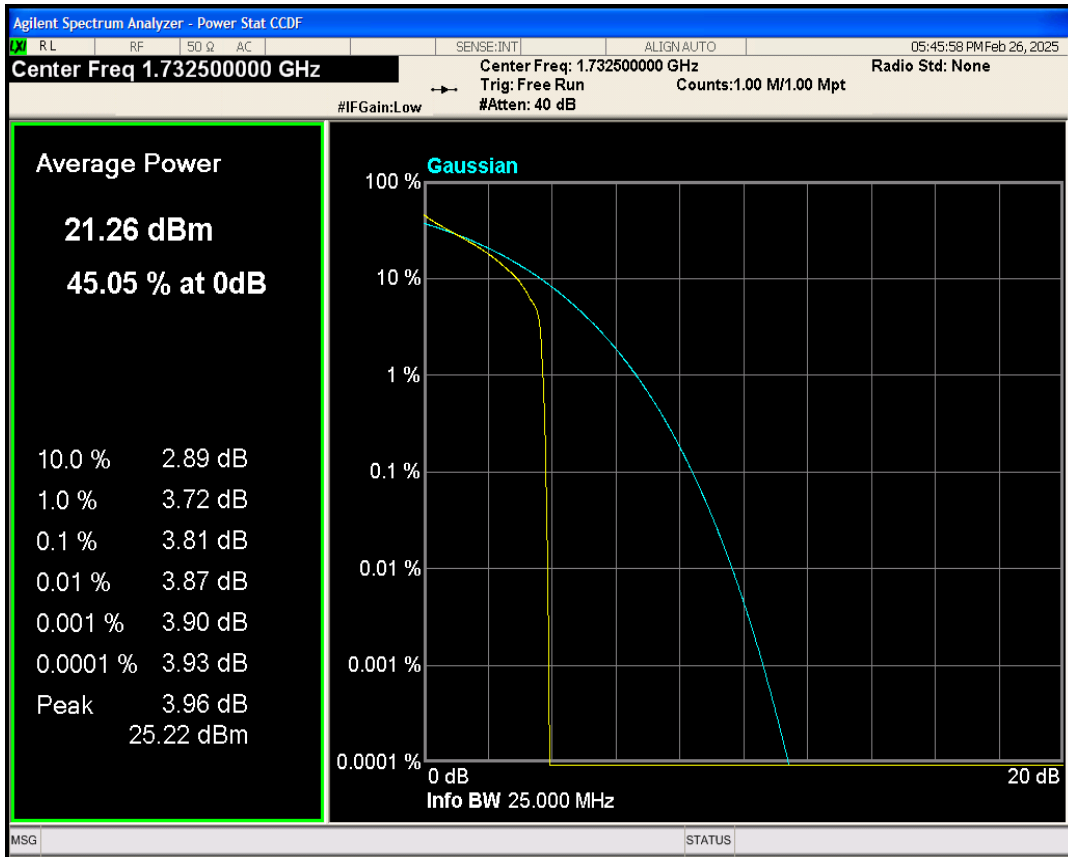
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



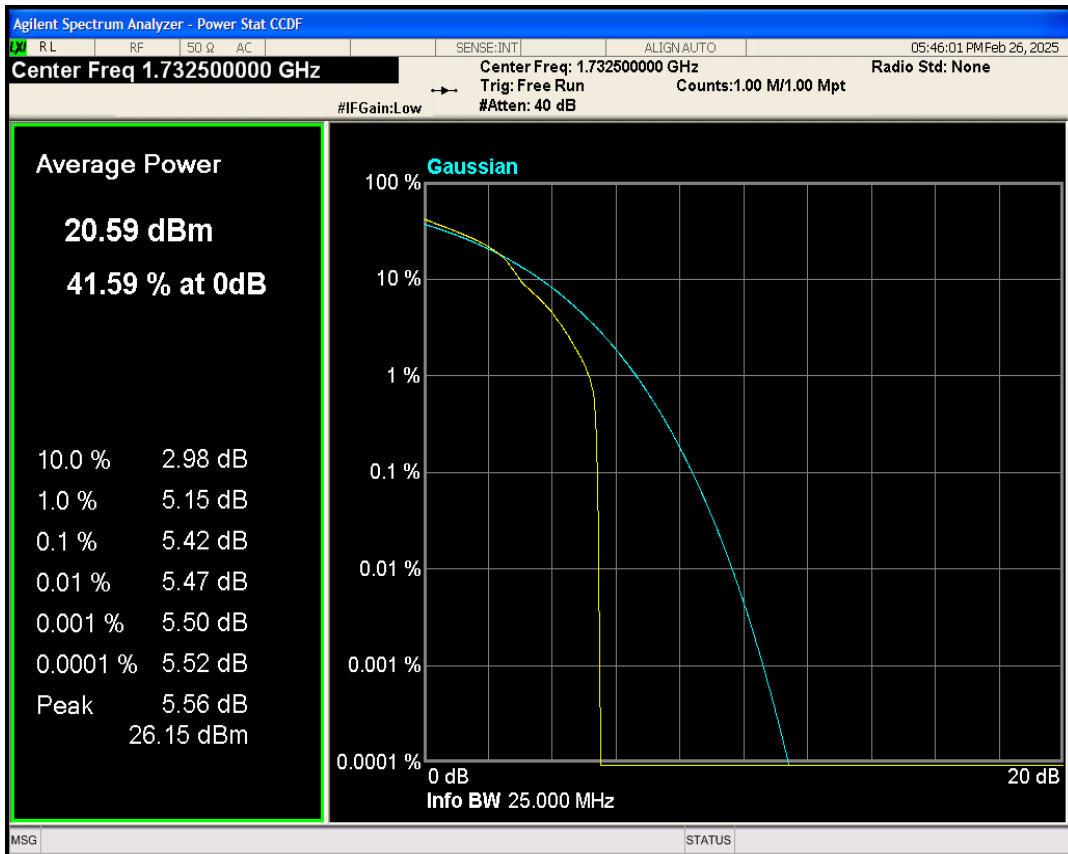
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



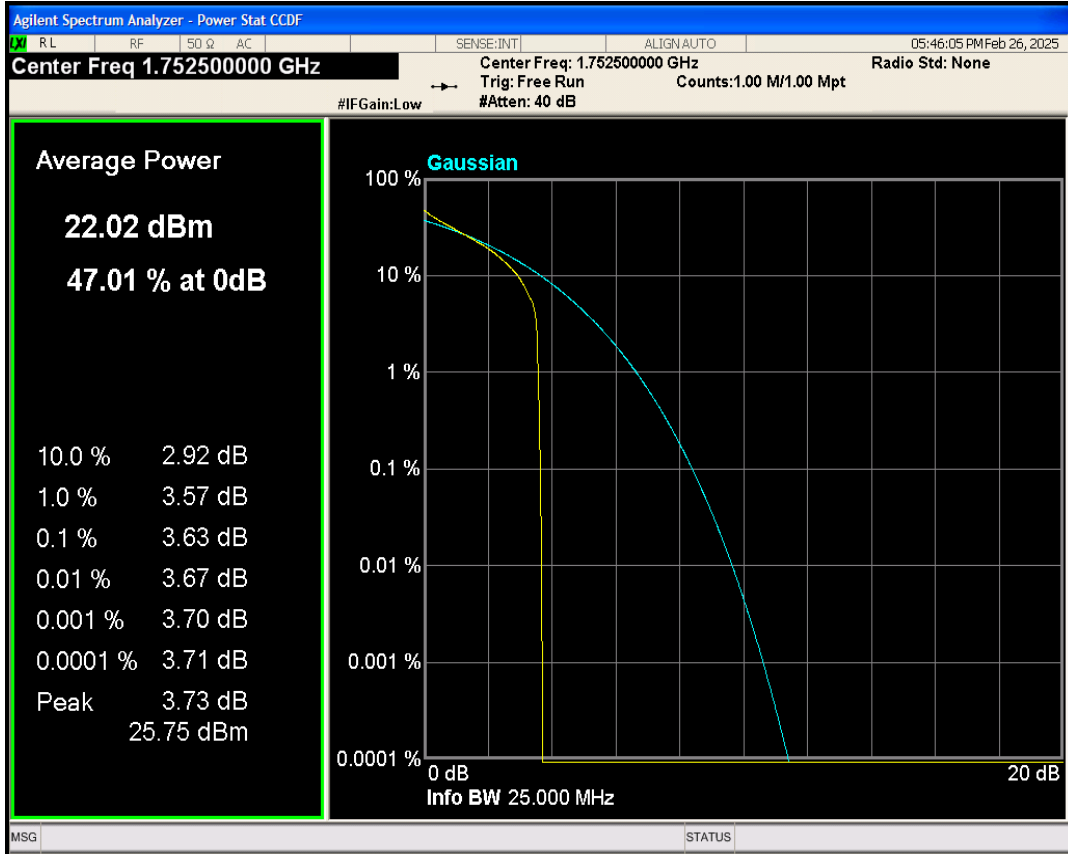
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



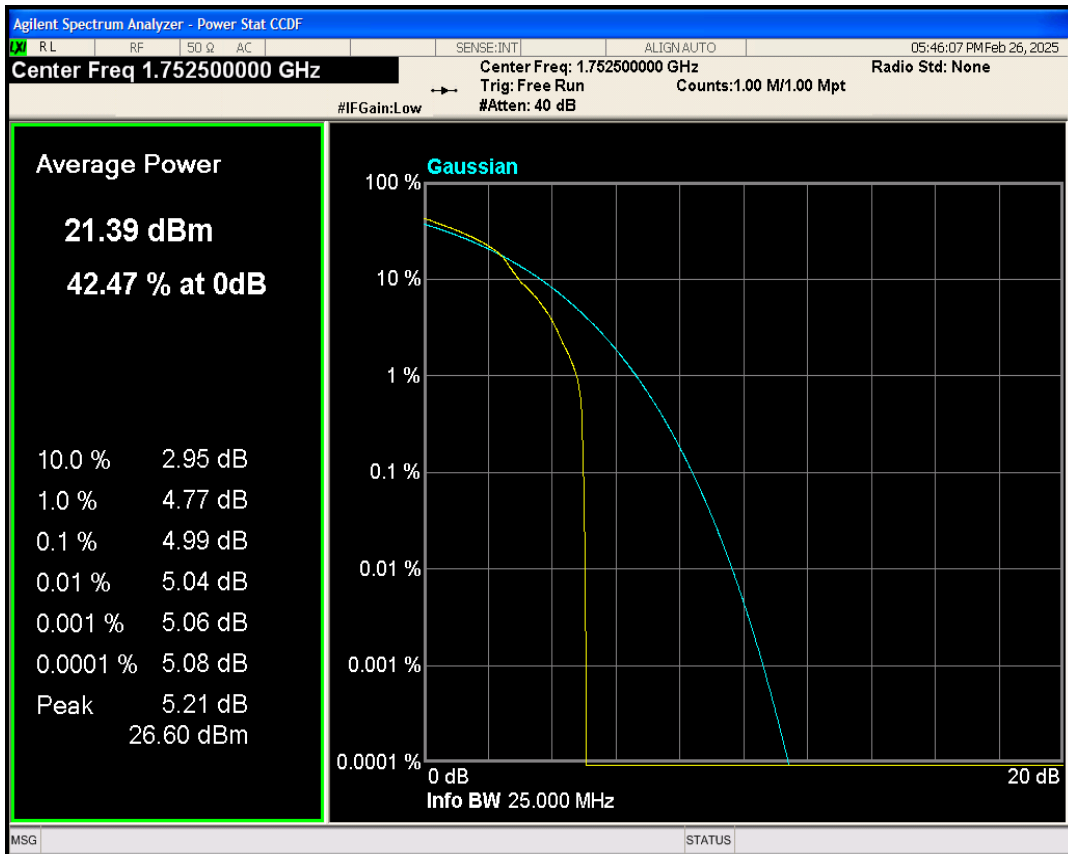
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



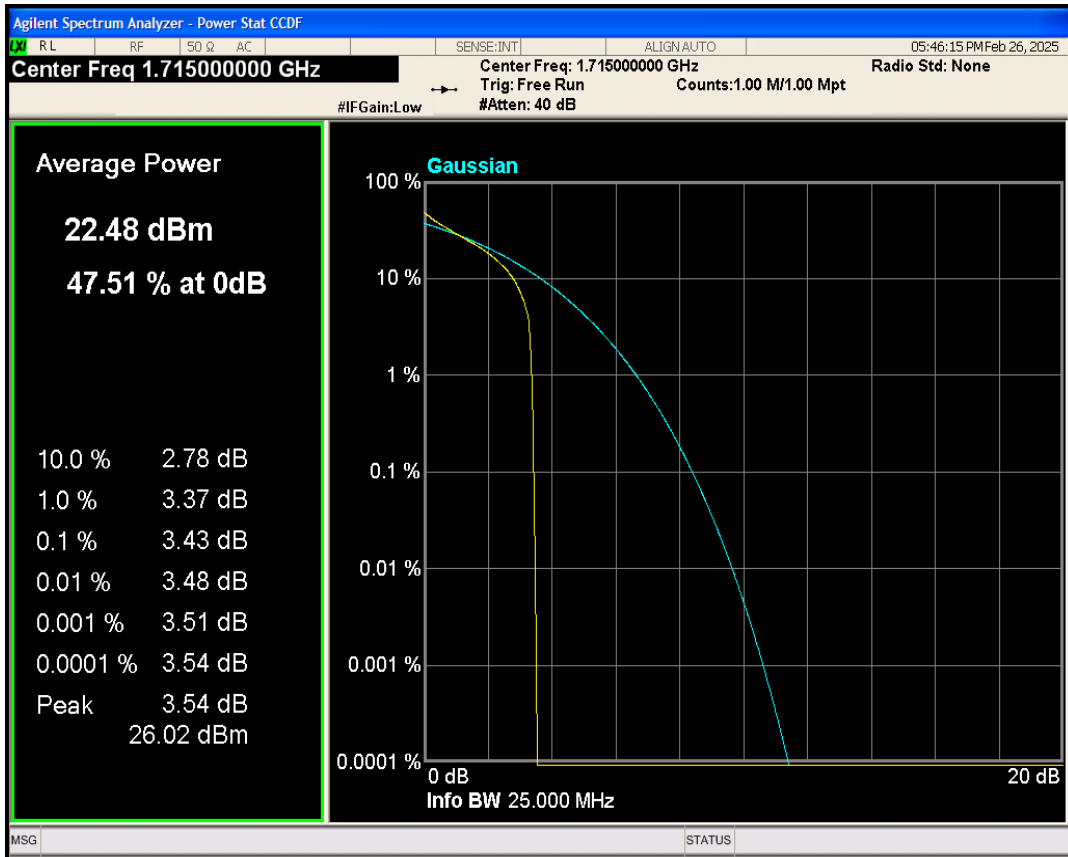
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



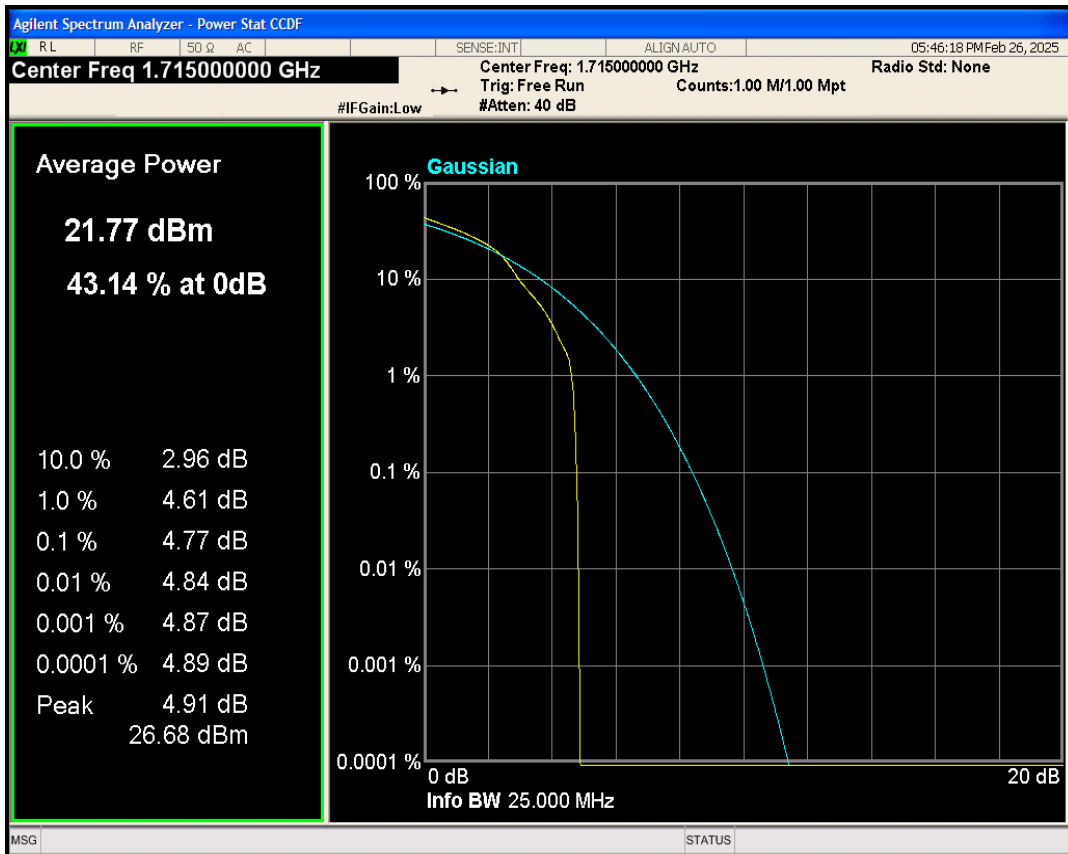
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



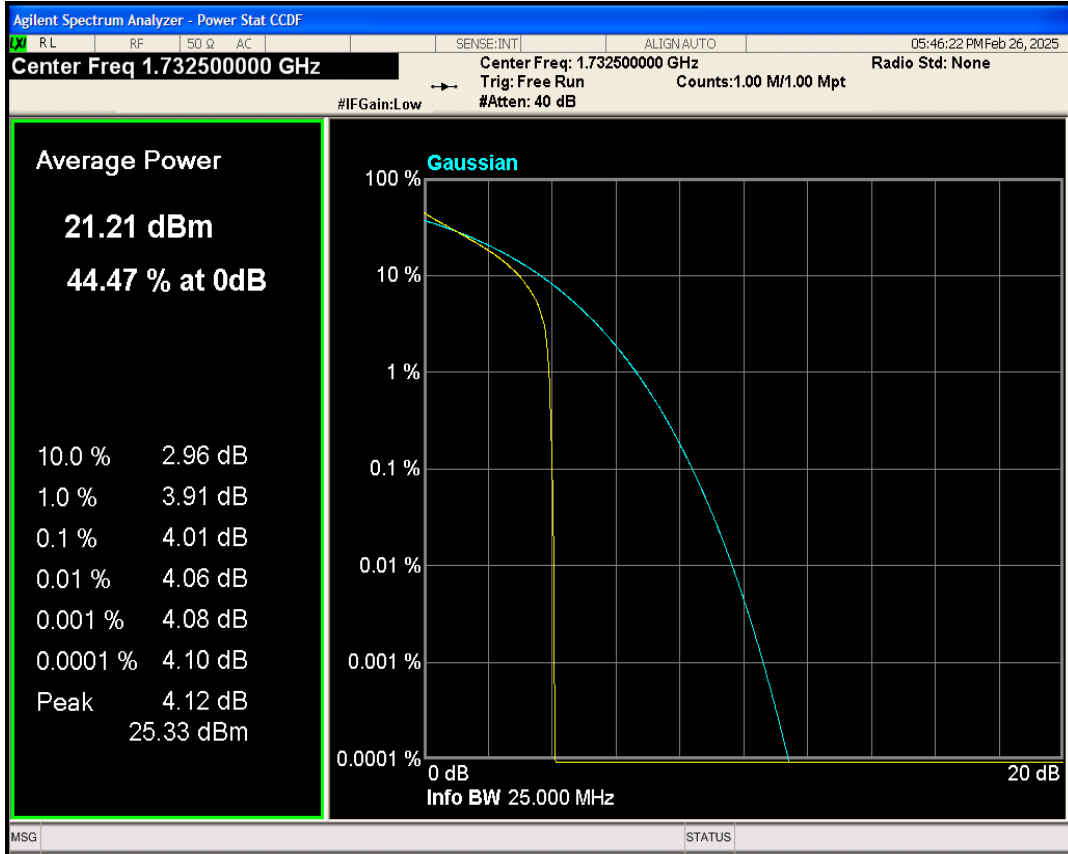
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



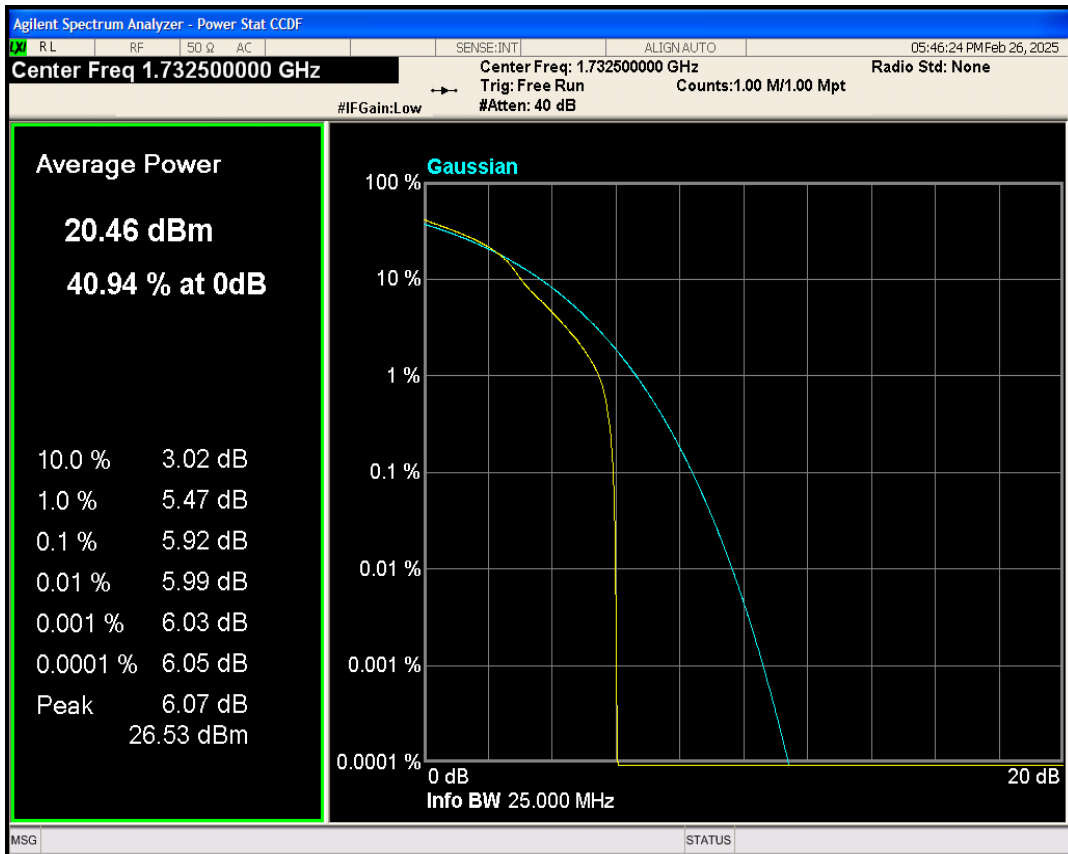
Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



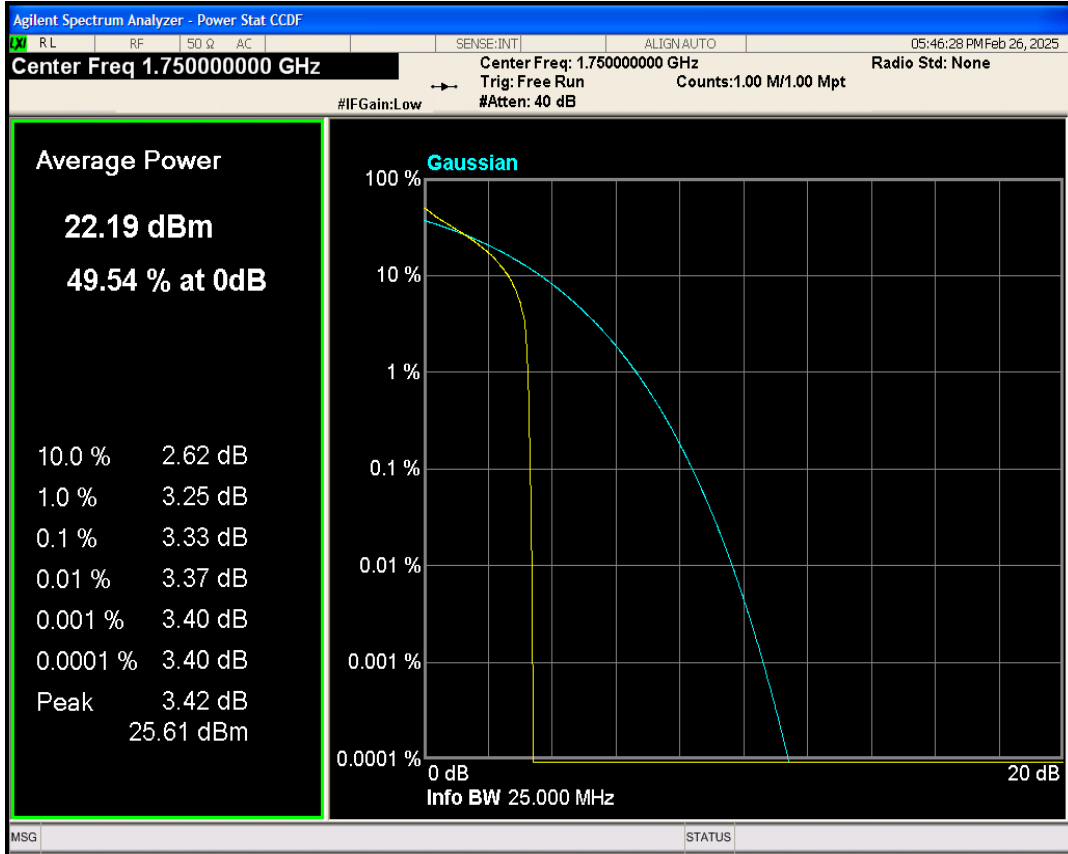
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



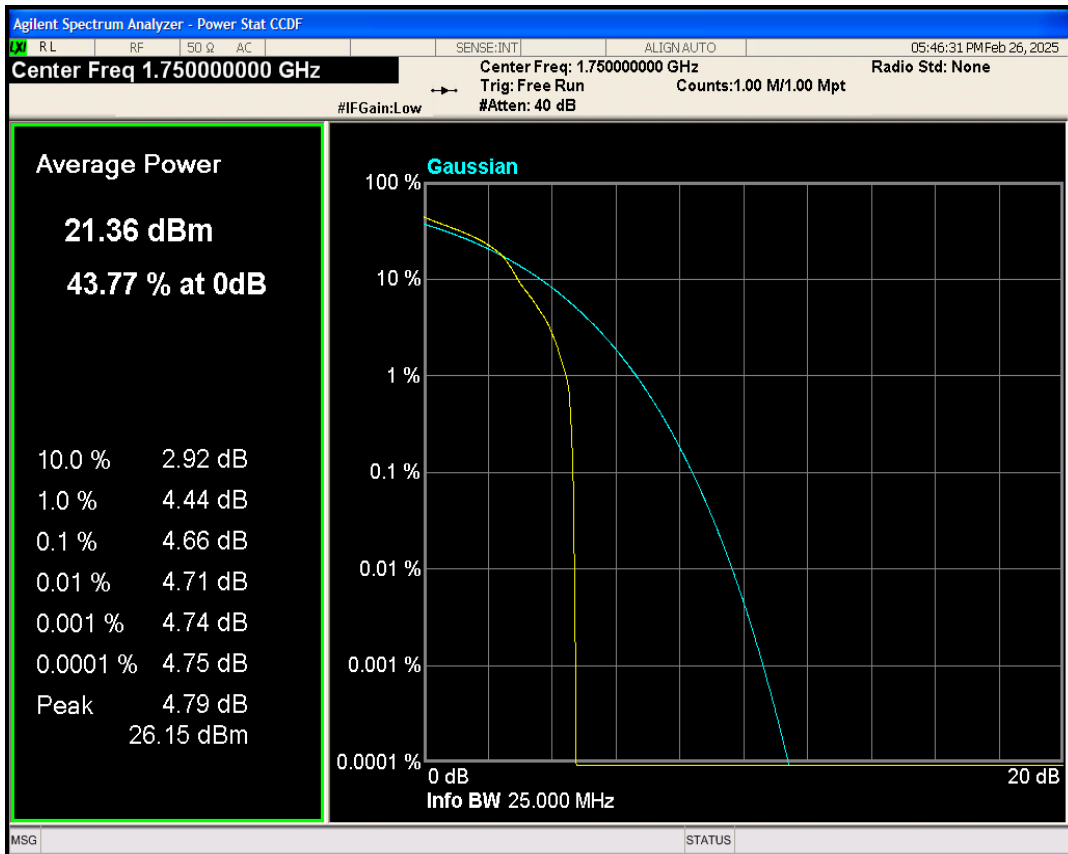
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



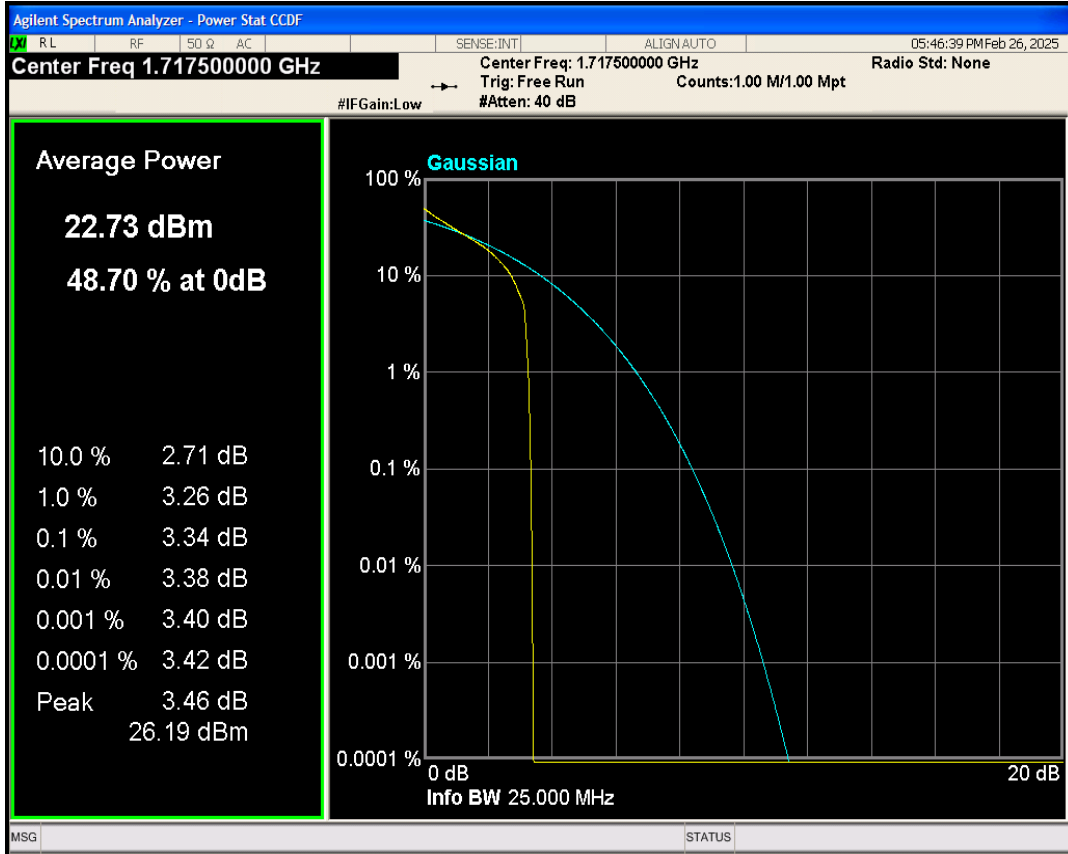
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



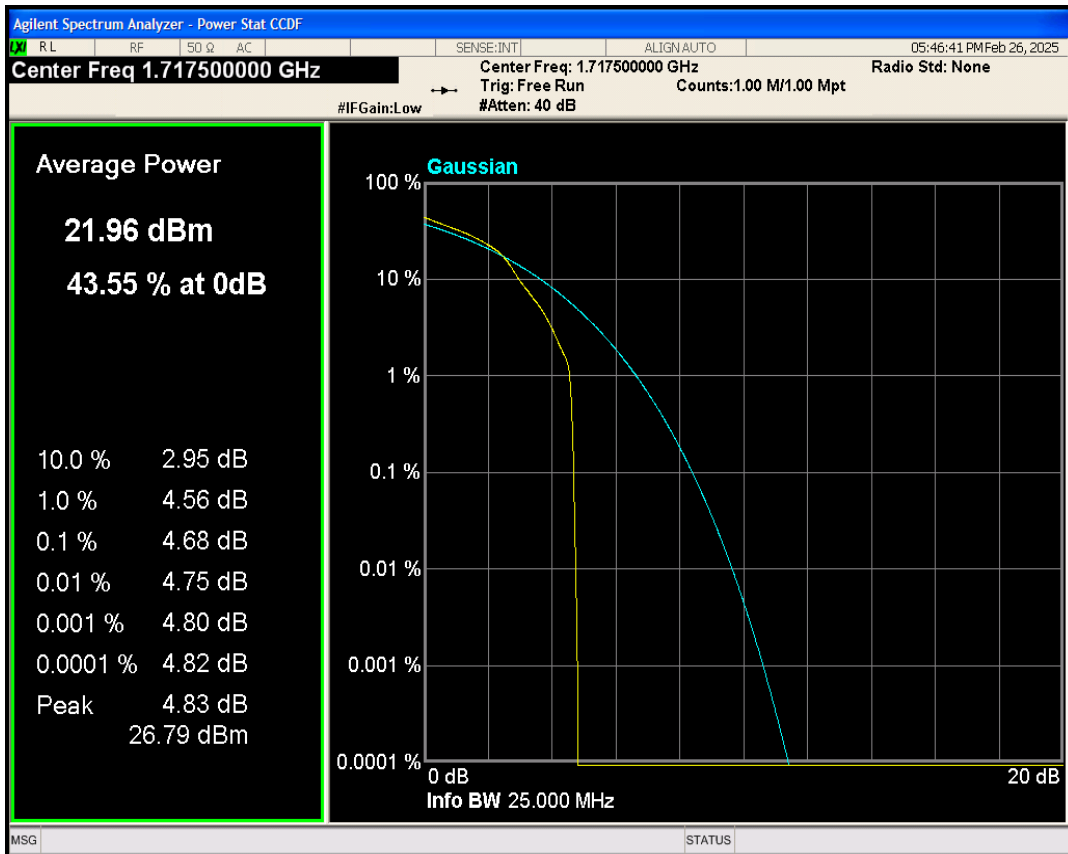
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



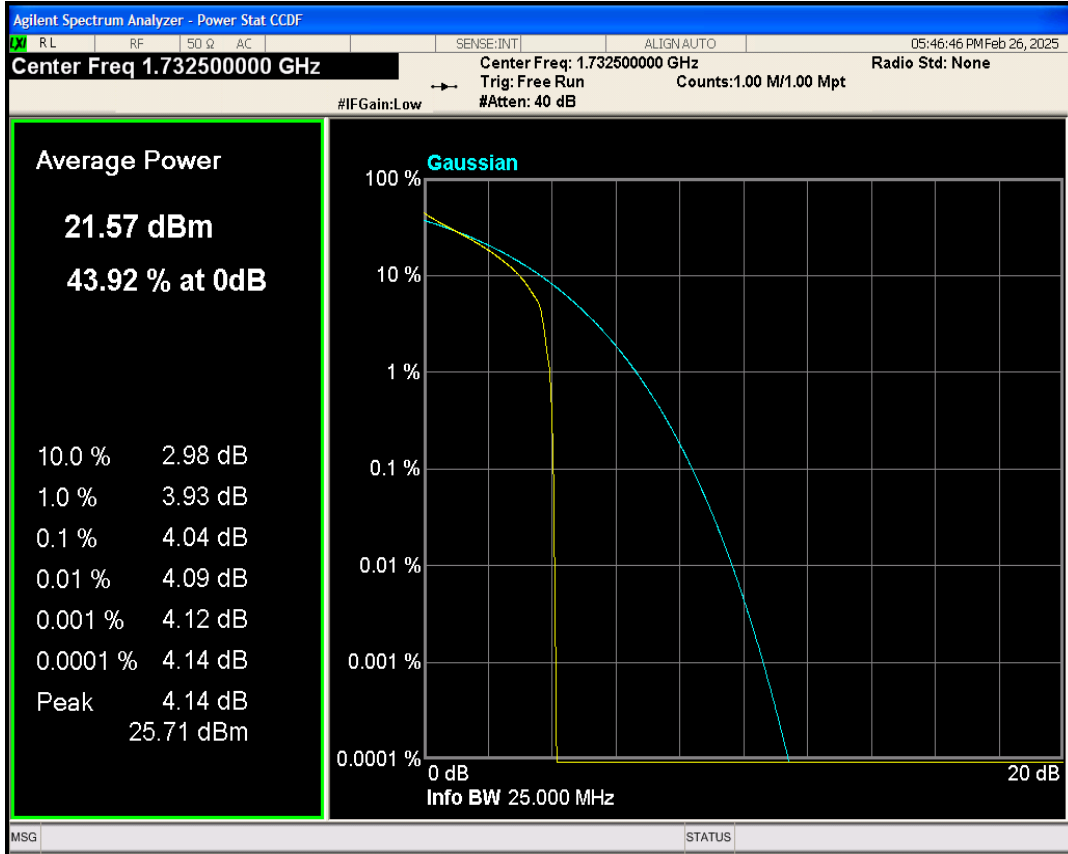
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



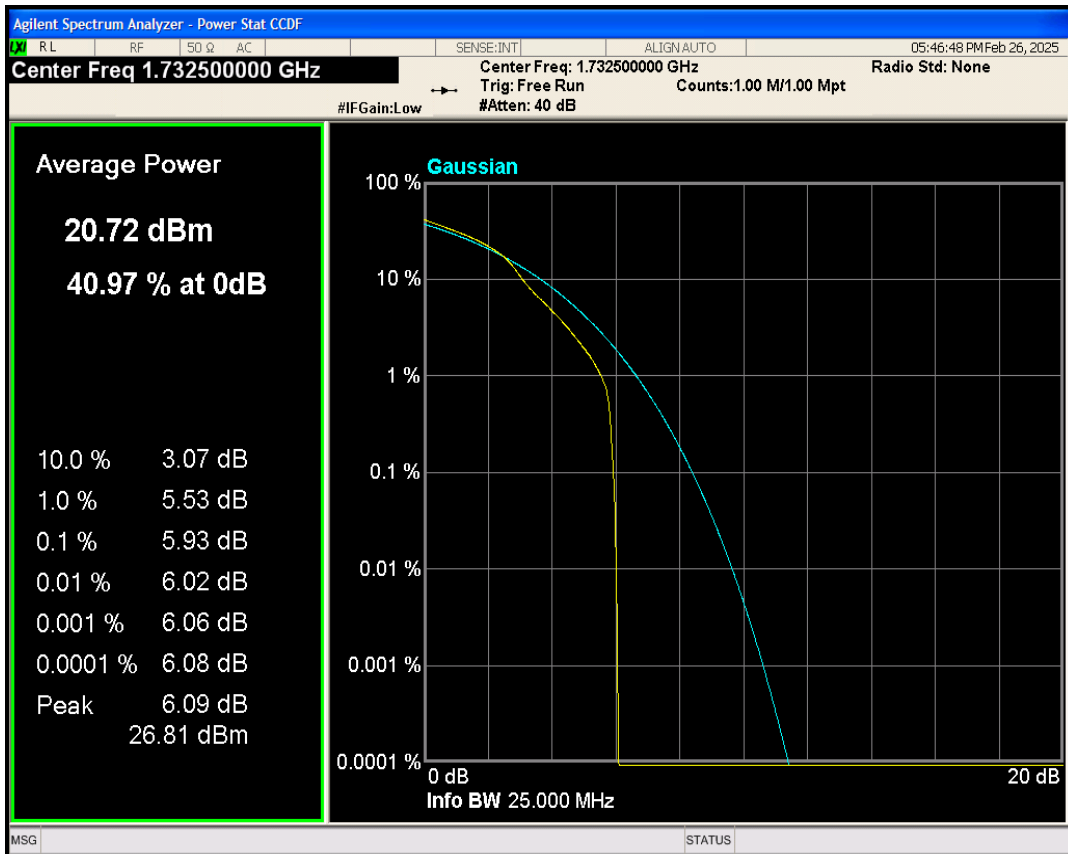
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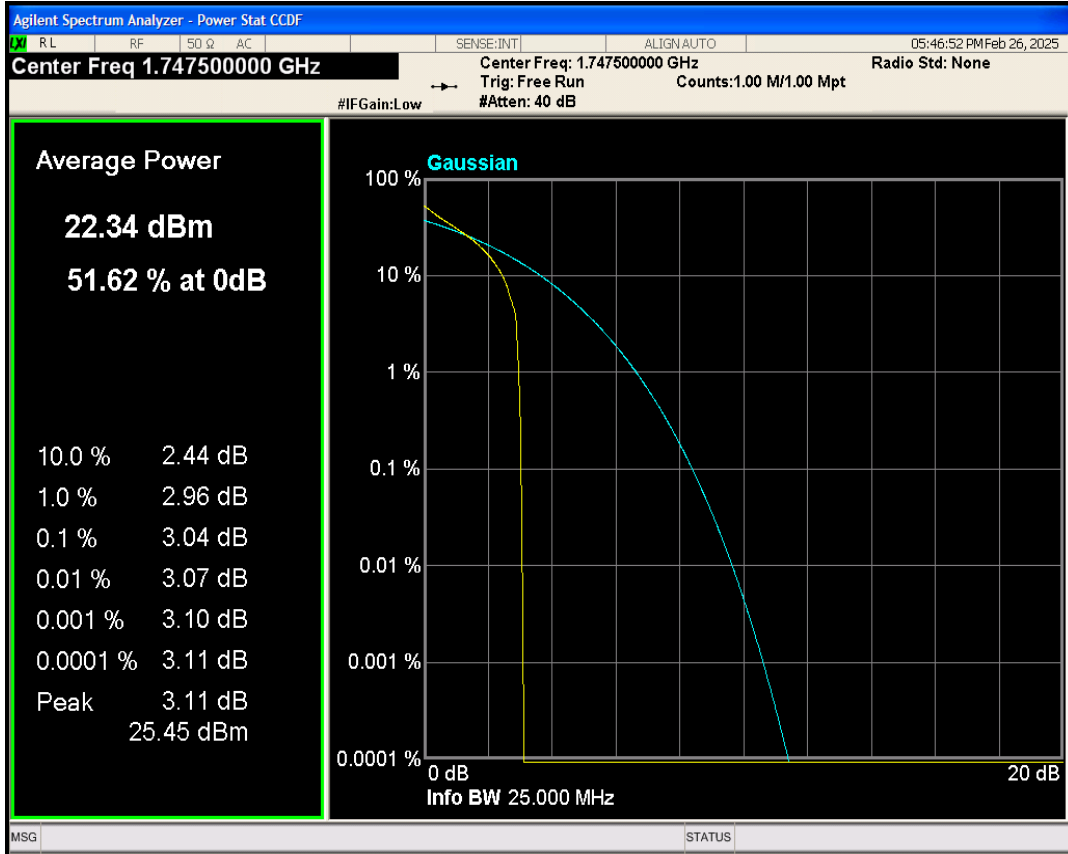
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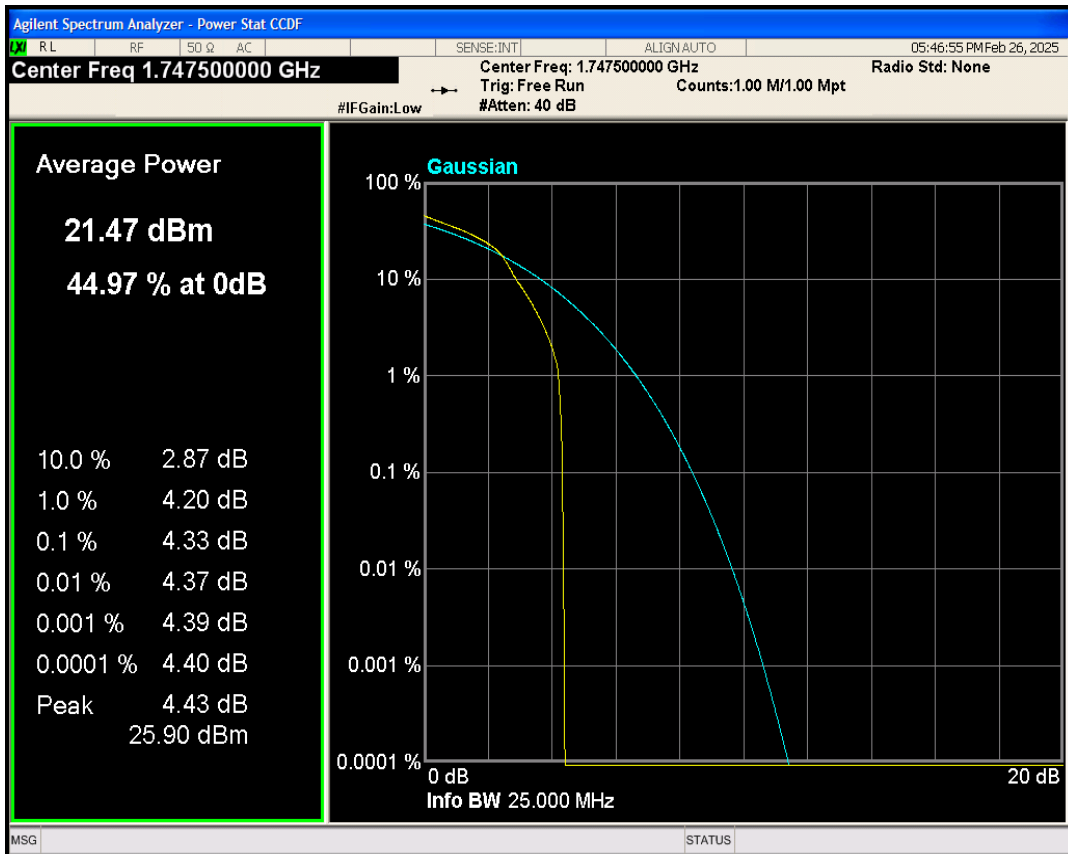
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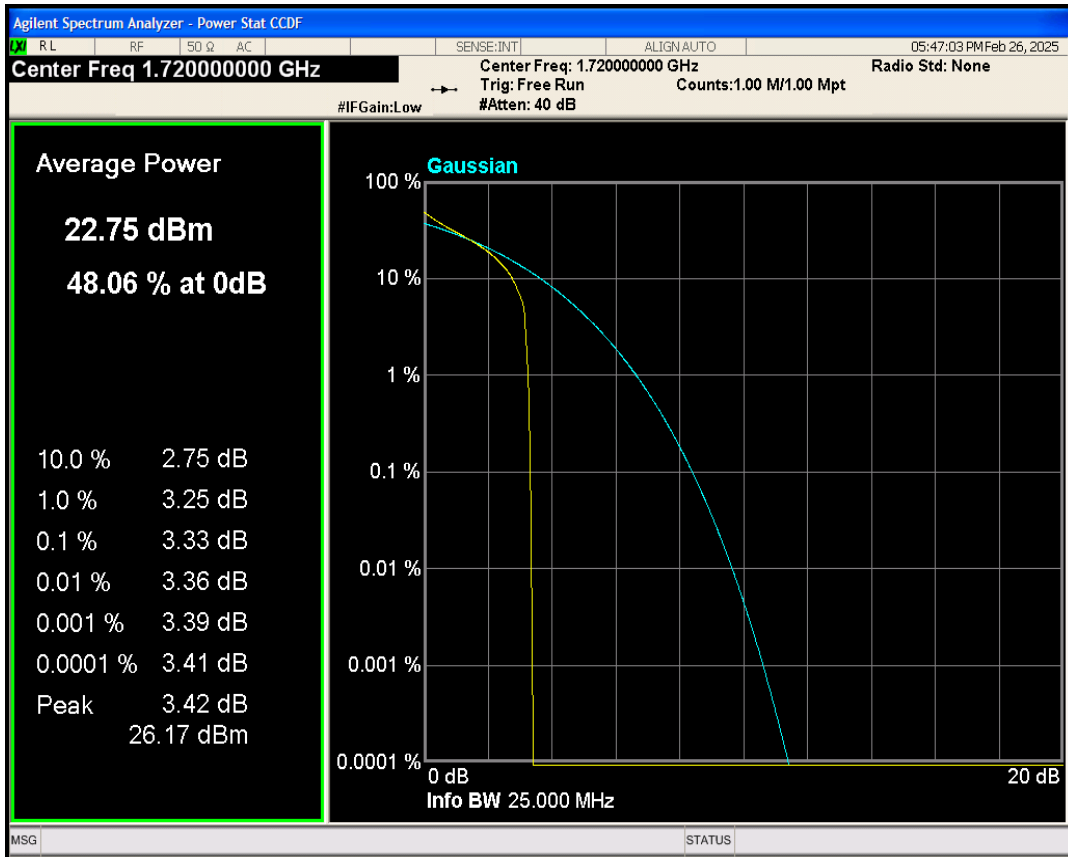
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



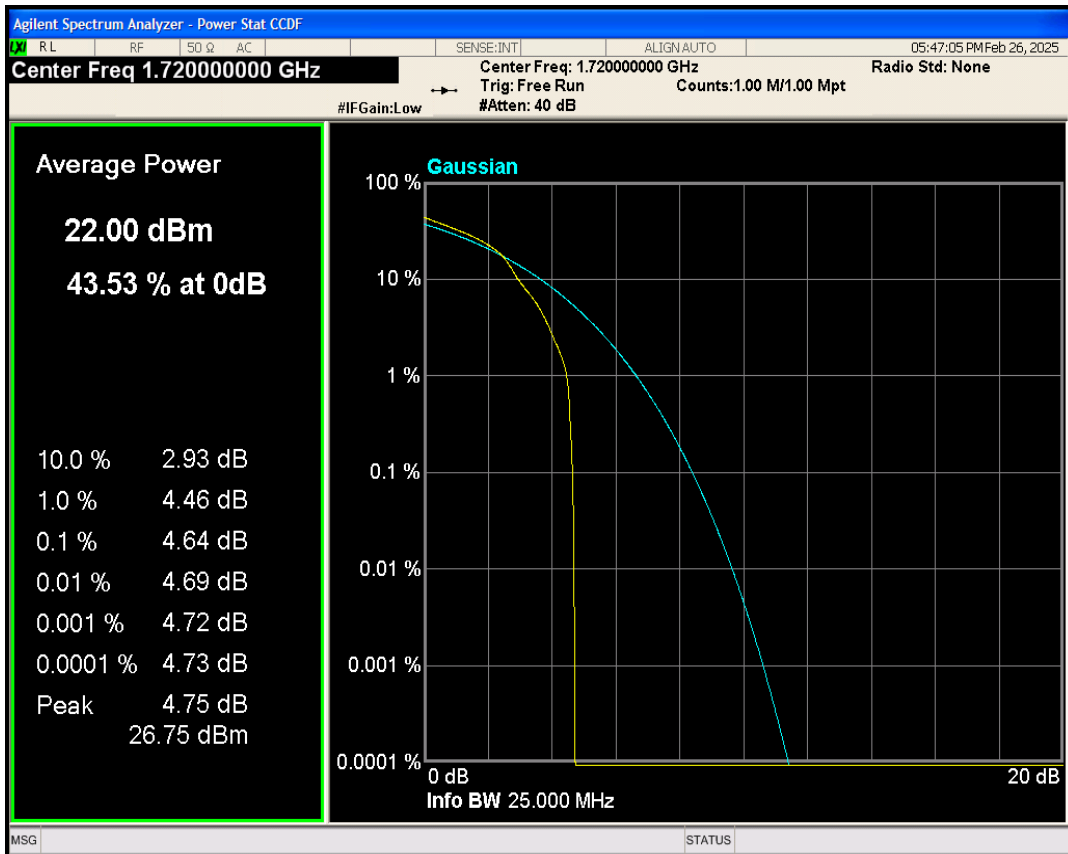
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



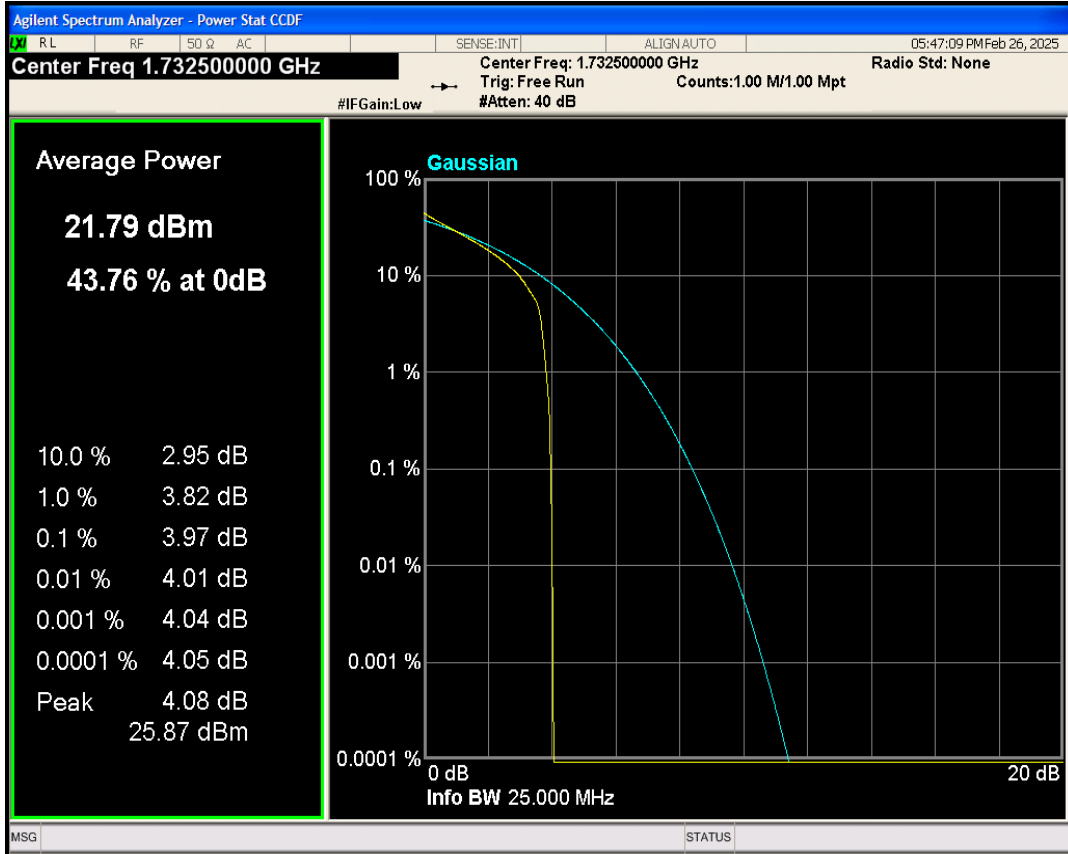
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



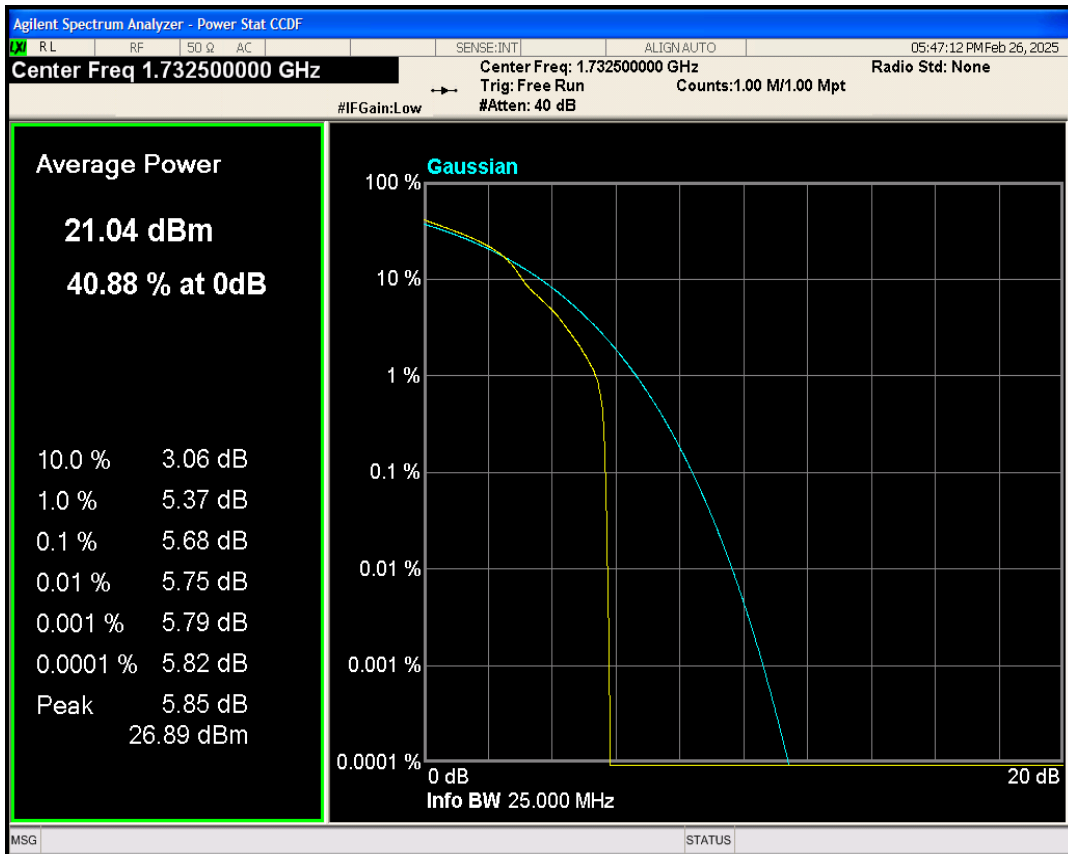
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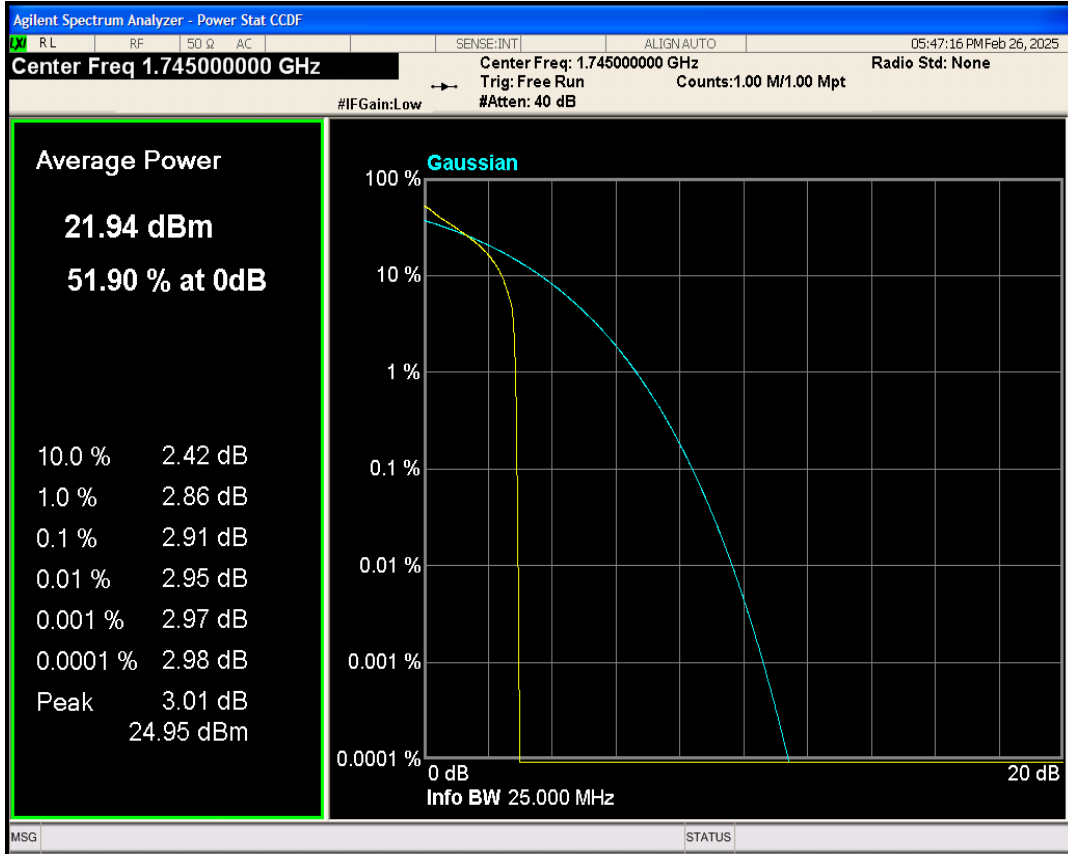
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



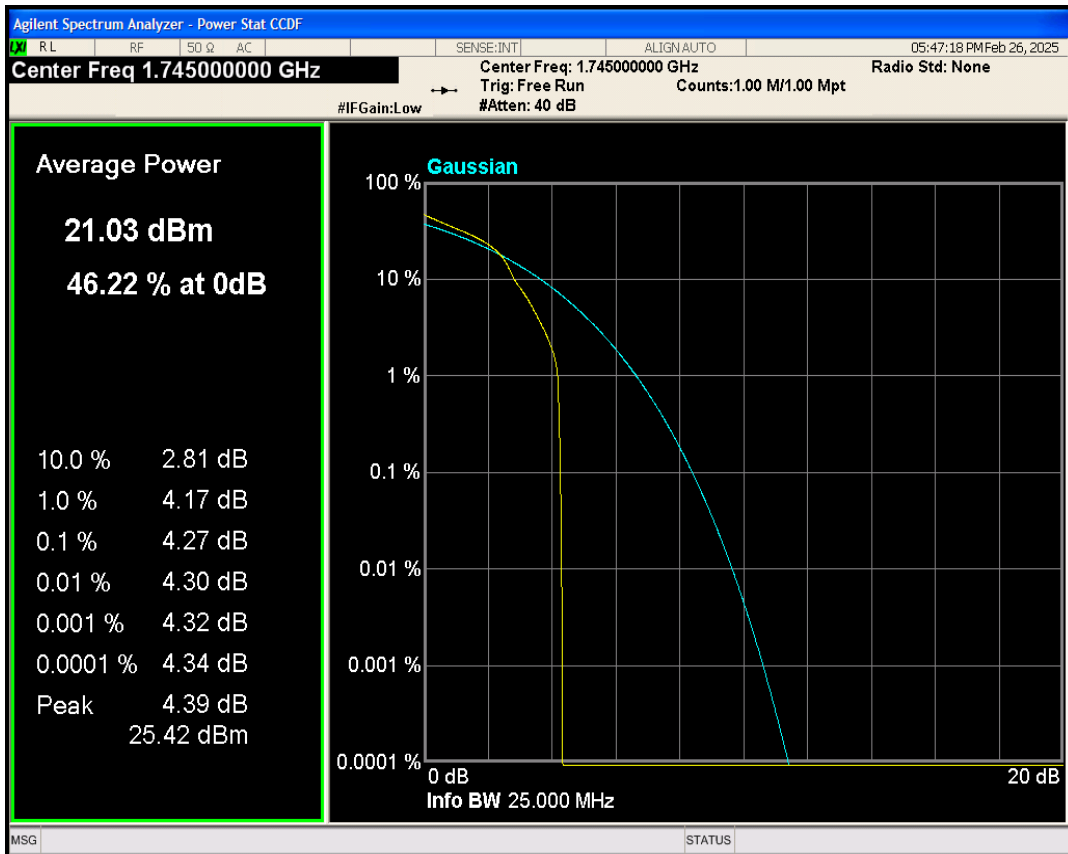
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



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



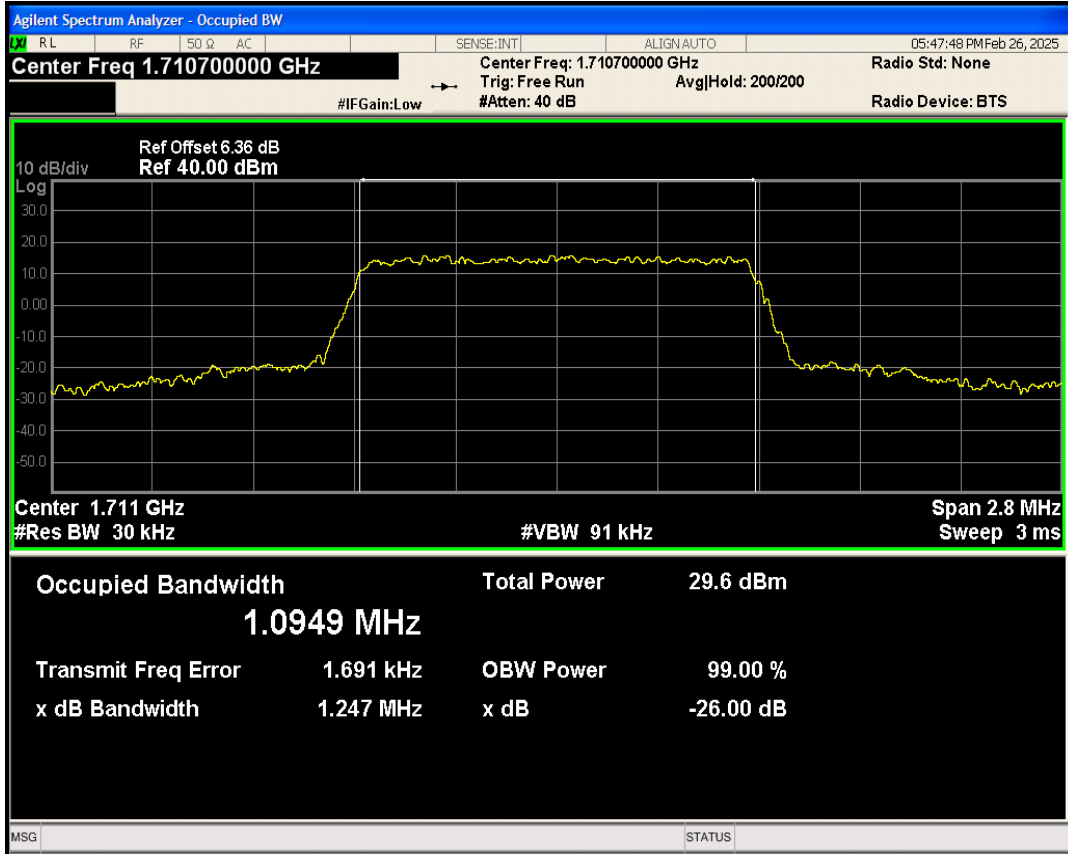
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0



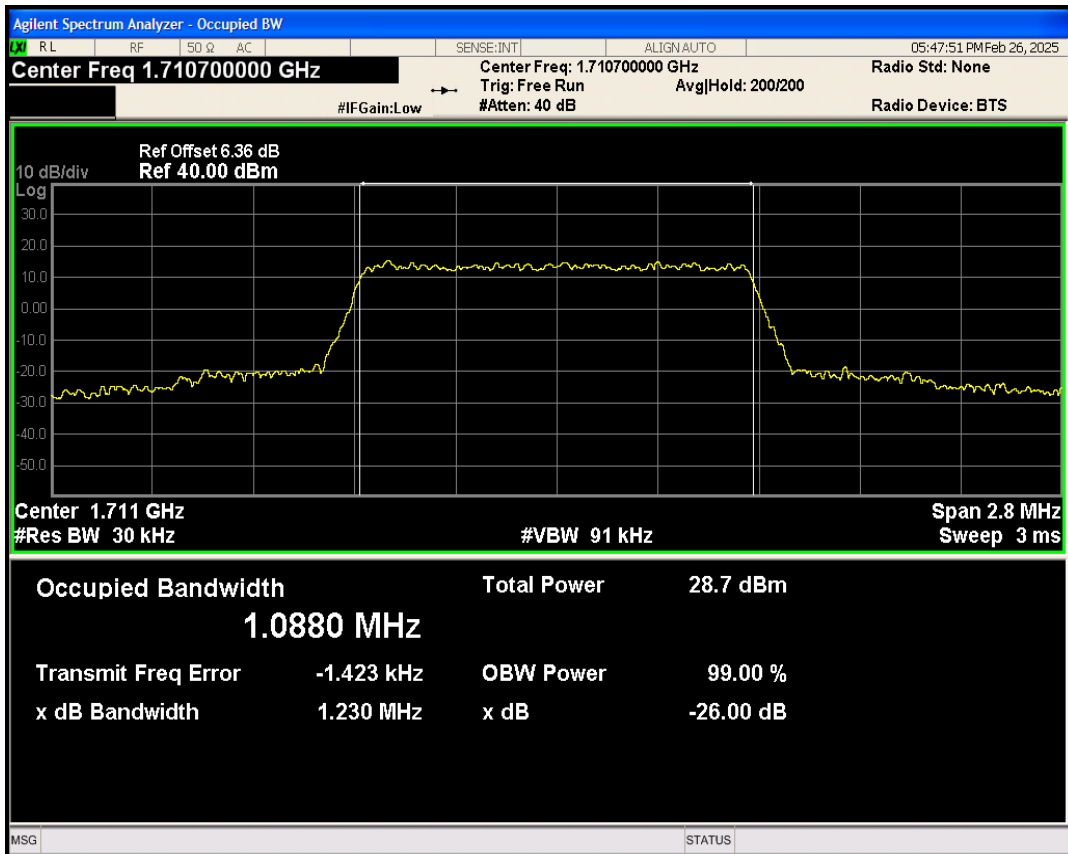
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.095	1.247	PASS
Band4	1.4	19957	6	#0	16QAM	1.088	1.230	PASS
Band4	1.4	20175	6	#0	QPSK	1.094	1.230	PASS
Band4	1.4	20175	6	#0	16QAM	1.097	1.226	PASS
Band4	1.4	20393	6	#0	QPSK	1.093	1.242	PASS
Band4	1.4	20393	6	#0	16QAM	1.098	1.243	PASS
Band4	3	19965	15	#0	QPSK	2.705	2.975	PASS
Band4	3	19965	15	#0	16QAM	2.707	2.974	PASS
Band4	3	20175	15	#0	QPSK	2.713	3.000	PASS
Band4	3	20175	15	#0	16QAM	2.699	2.980	PASS
Band4	3	20385	15	#0	QPSK	2.700	2.968	PASS
Band4	3	20385	15	#0	16QAM	2.699	3.002	PASS
Band4	5	19975	25	#0	QPSK	4.516	4.953	PASS
Band4	5	19975	25	#0	16QAM	4.518	4.957	PASS
Band4	5	20175	25	#0	QPSK	4.518	4.956	PASS
Band4	5	20175	25	#0	16QAM	4.522	4.934	PASS
Band4	5	20375	25	#0	QPSK	4.506	4.965	PASS
Band4	5	20375	25	#0	16QAM	4.516	4.946	PASS
Band4	10	20000	50	#0	QPSK	9.002	9.822	PASS
Band4	10	20000	50	#0	16QAM	8.976	9.753	PASS
Band4	10	20175	50	#0	QPSK	8.947	9.771	PASS
Band4	10	20175	50	#0	16QAM	8.960	9.698	PASS
Band4	10	20350	50	#0	QPSK	8.971	9.825	PASS
Band4	10	20350	50	#0	16QAM	8.995	9.737	PASS
Band4	15	20025	75	#0	QPSK	13.463	14.615	PASS
Band4	15	20025	75	#0	16QAM	13.470	14.700	PASS
Band4	15	20175	75	#0	QPSK	13.416	14.456	PASS
Band4	15	20175	75	#0	16QAM	13.442	14.409	PASS
Band4	15	20325	75	#0	QPSK	13.465	14.534	PASS
Band4	15	20325	75	#0	16QAM	13.441	14.471	PASS
Band4	20	20050	100	#0	QPSK	17.979	19.304	PASS
Band4	20	20050	100	#0	16QAM	18.008	19.264	PASS
Band4	20	20175	100	#0	QPSK	17.954	19.452	PASS
Band4	20	20175	100	#0	16QAM	17.937	19.242	PASS
Band4	20	20300	100	#0	QPSK	17.927	19.351	PASS
Band4	20	20300	100	#0	16QAM	17.973	19.346	PASS

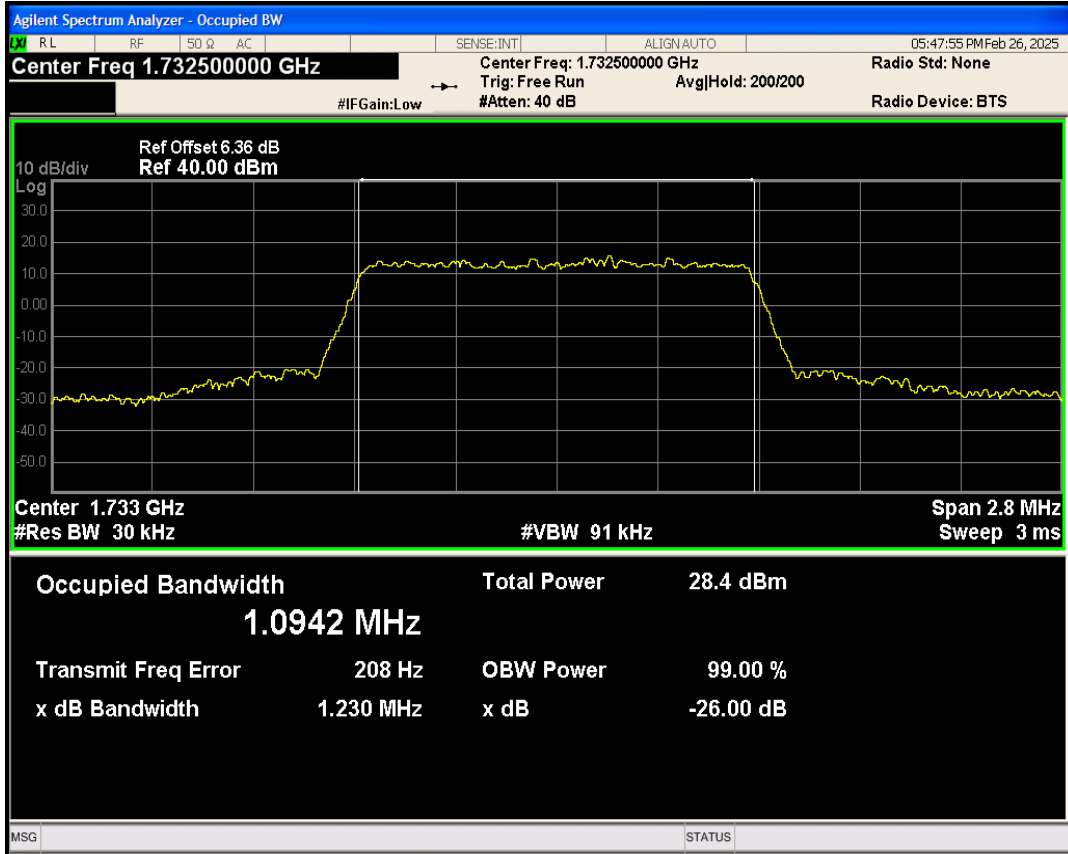
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



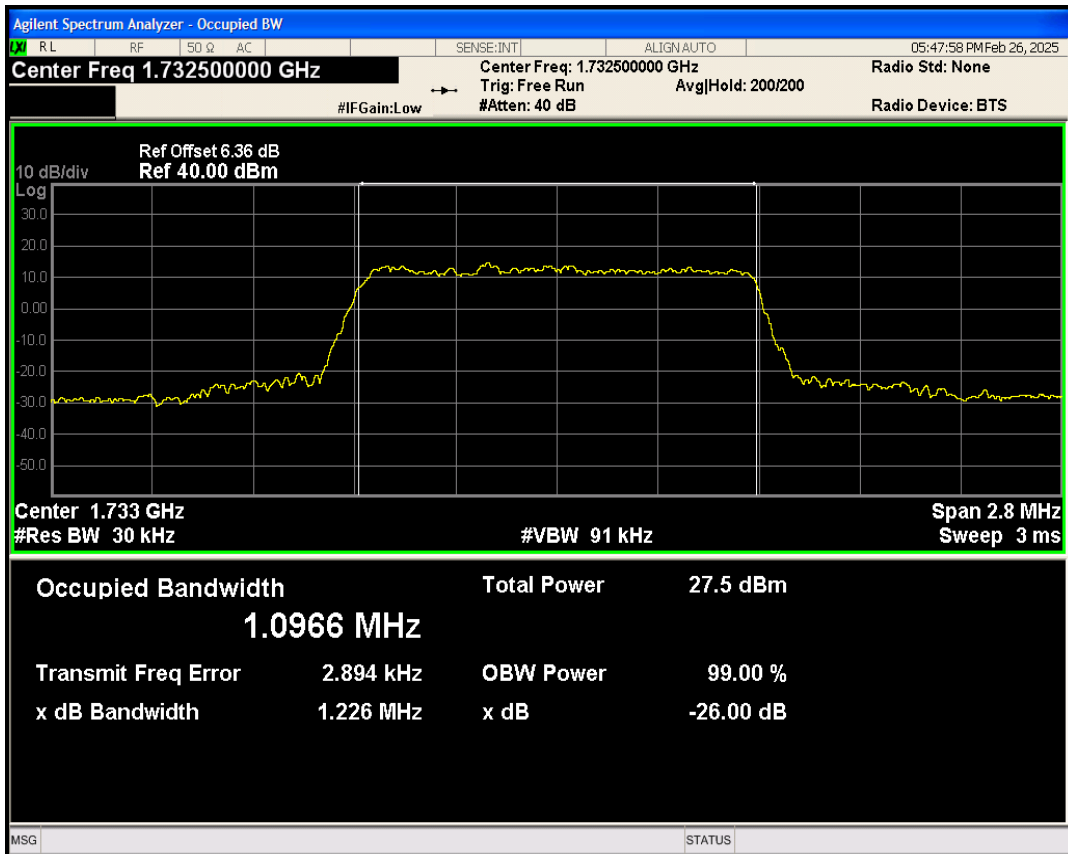
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



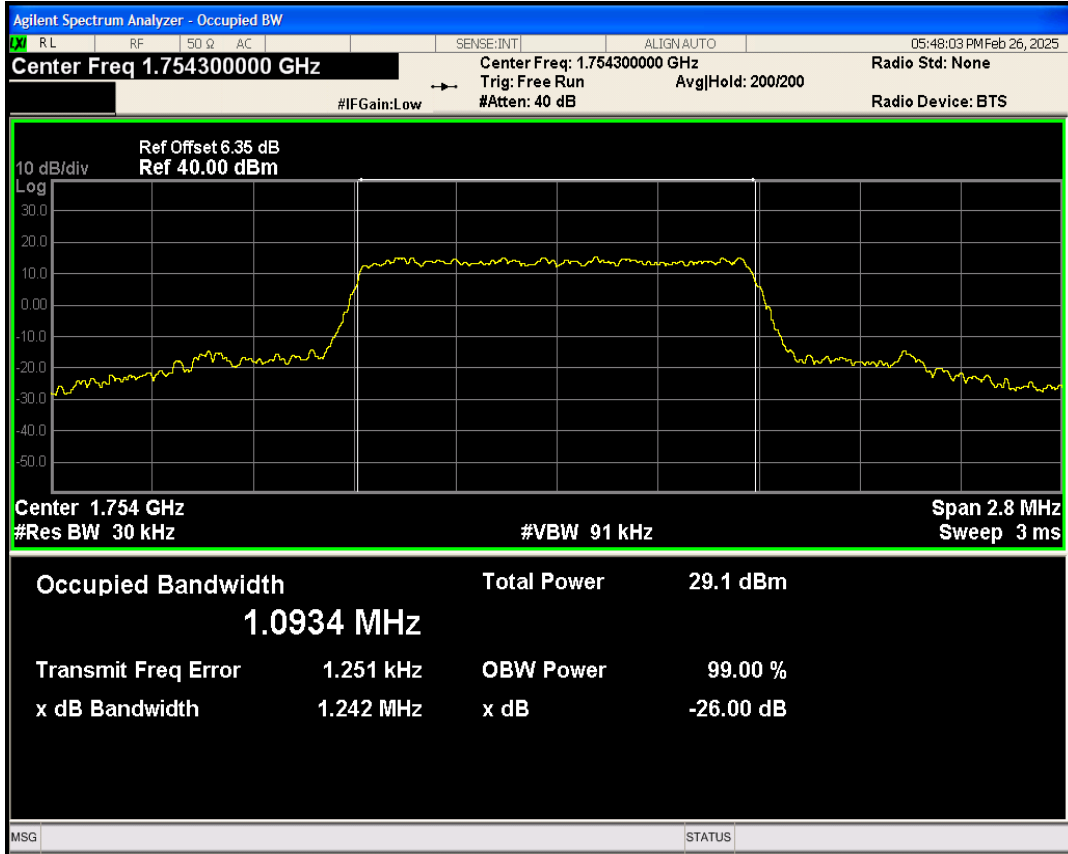
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



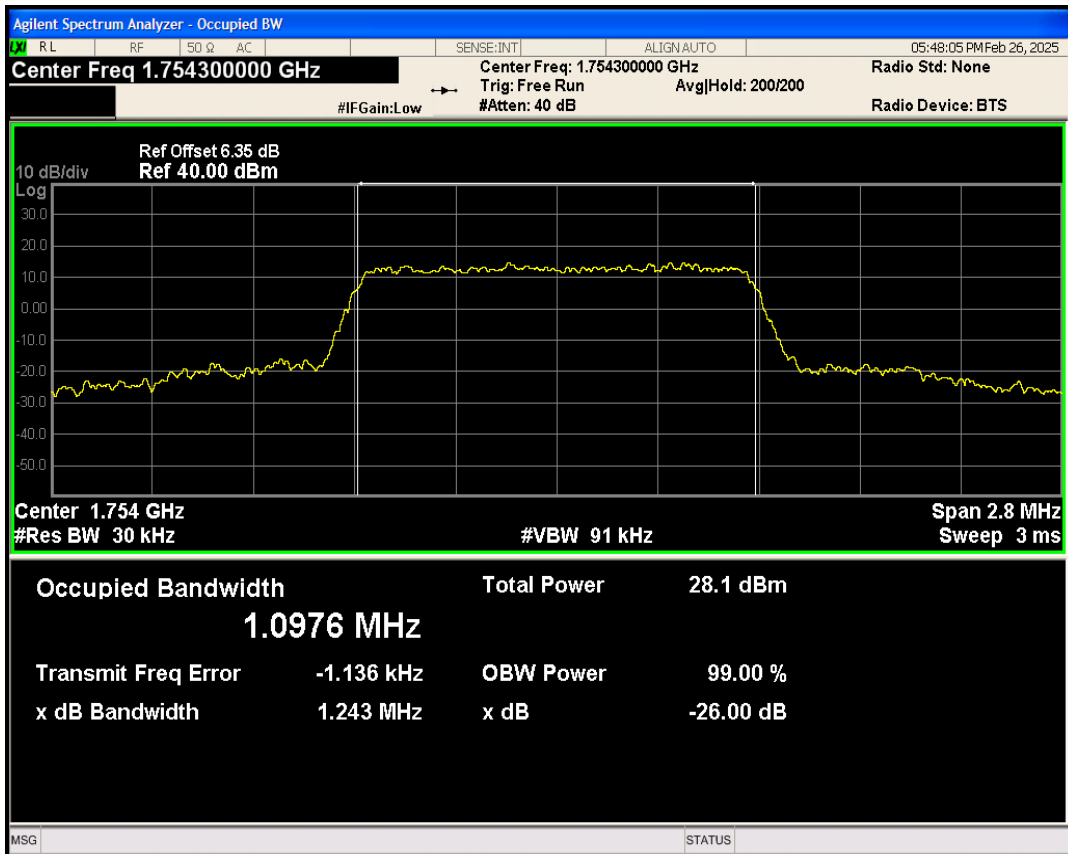
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



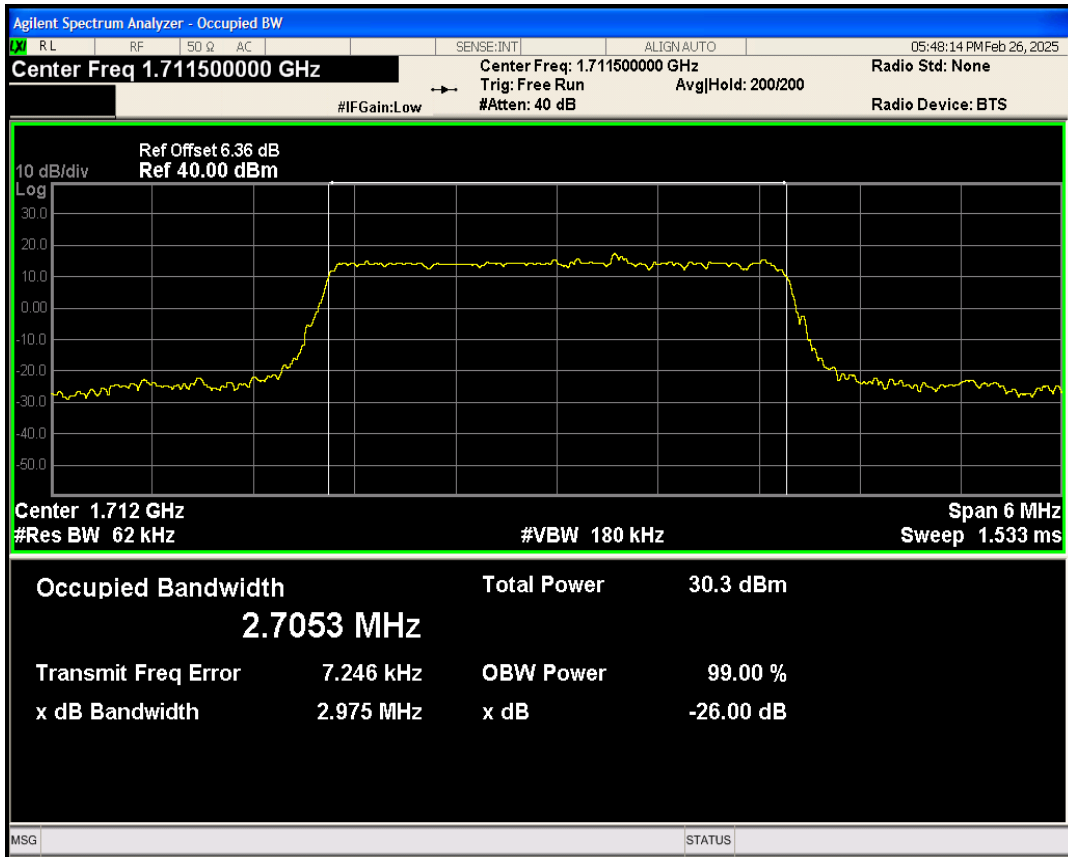
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



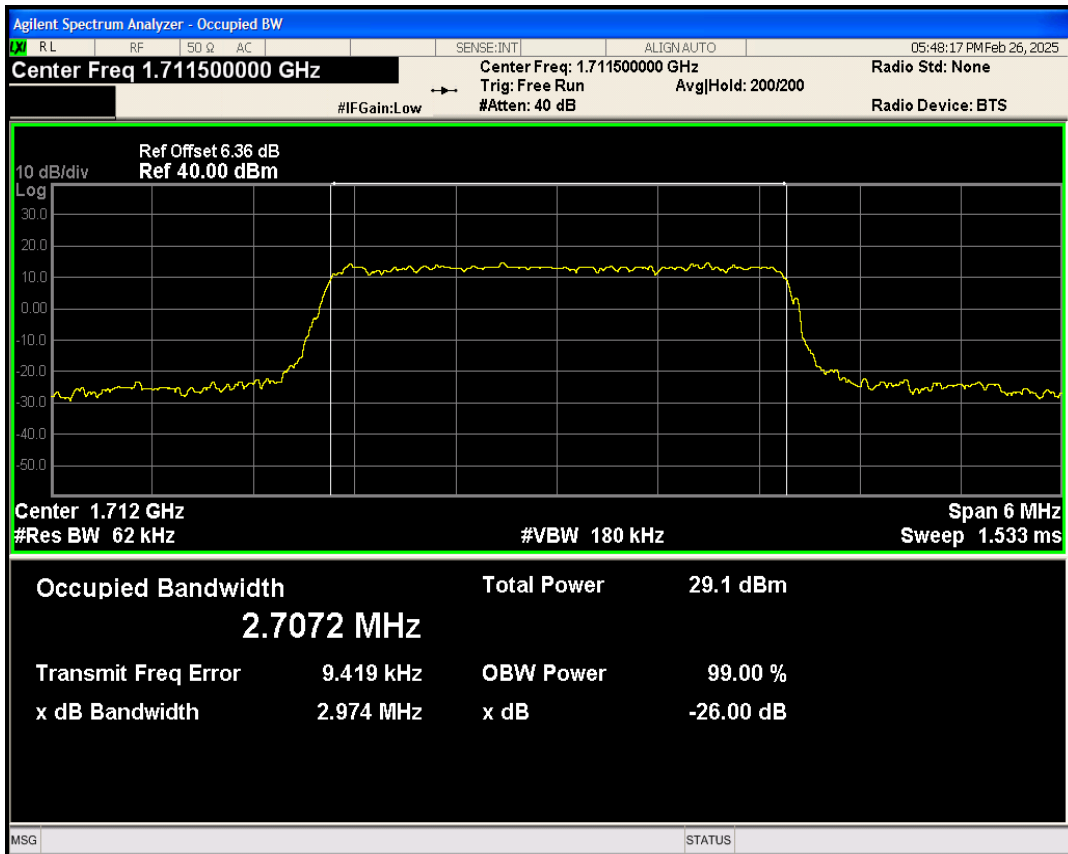
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



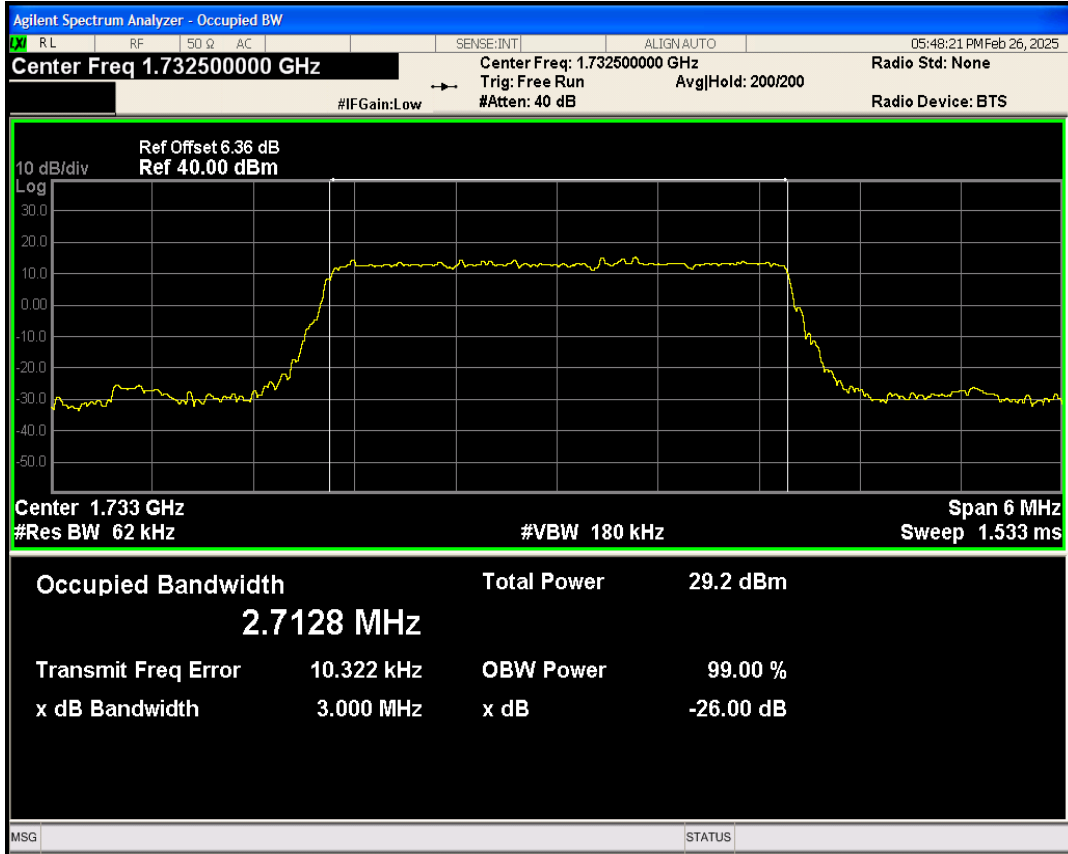
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



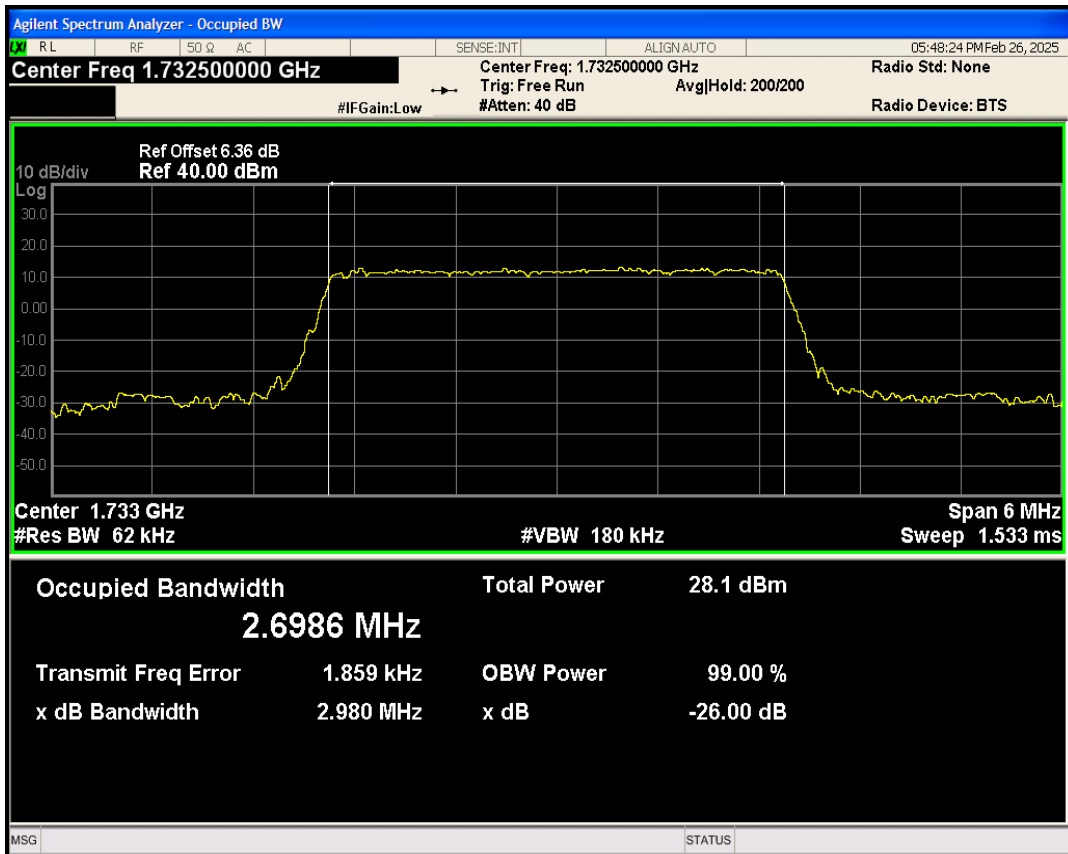
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



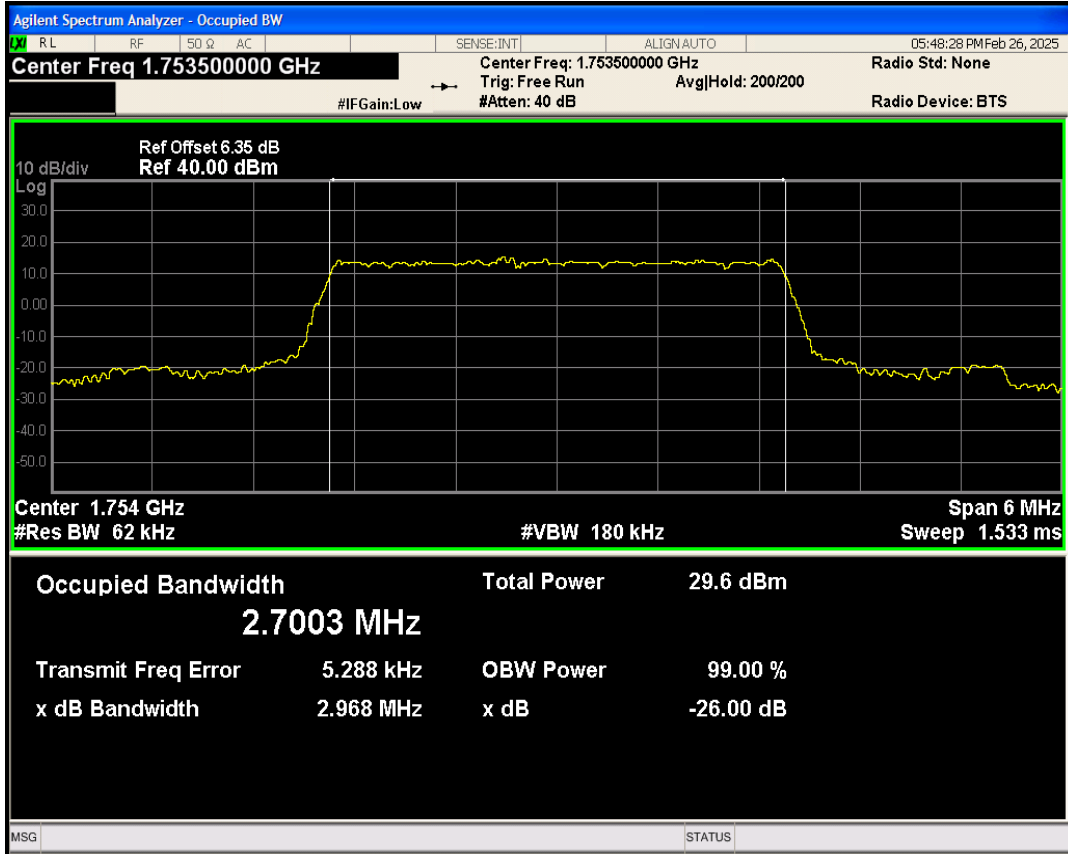
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



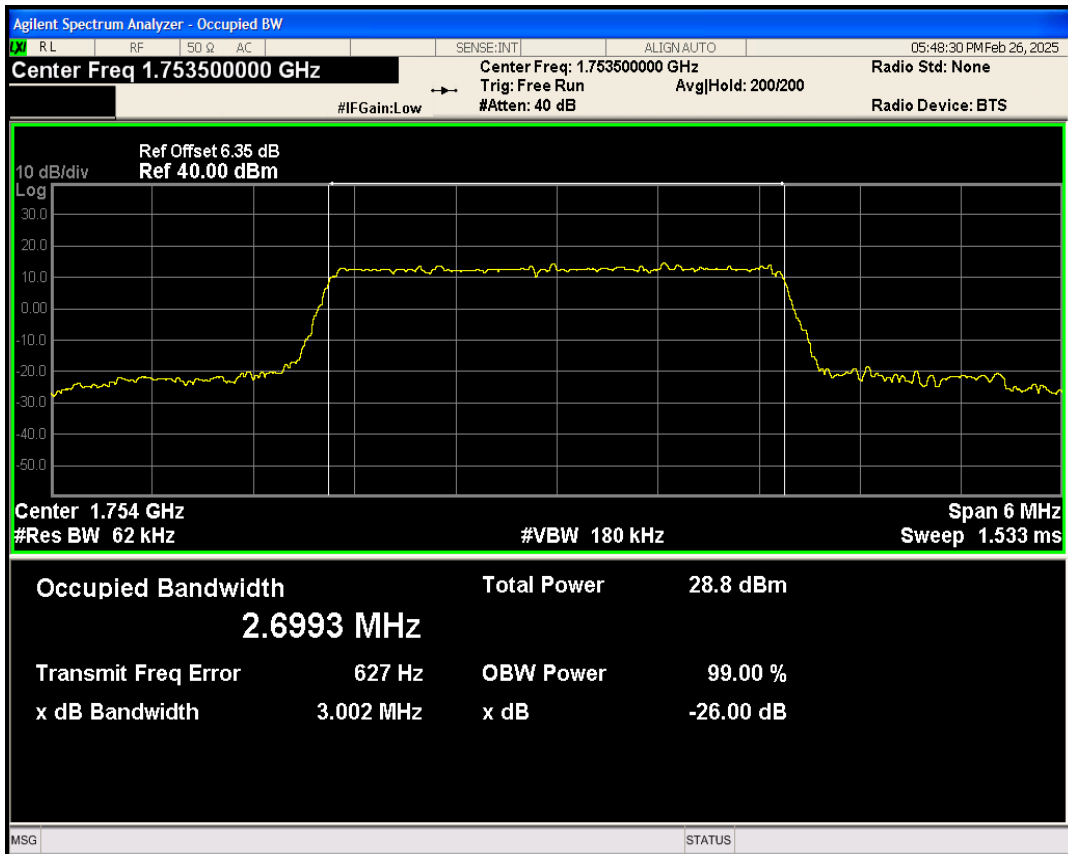
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



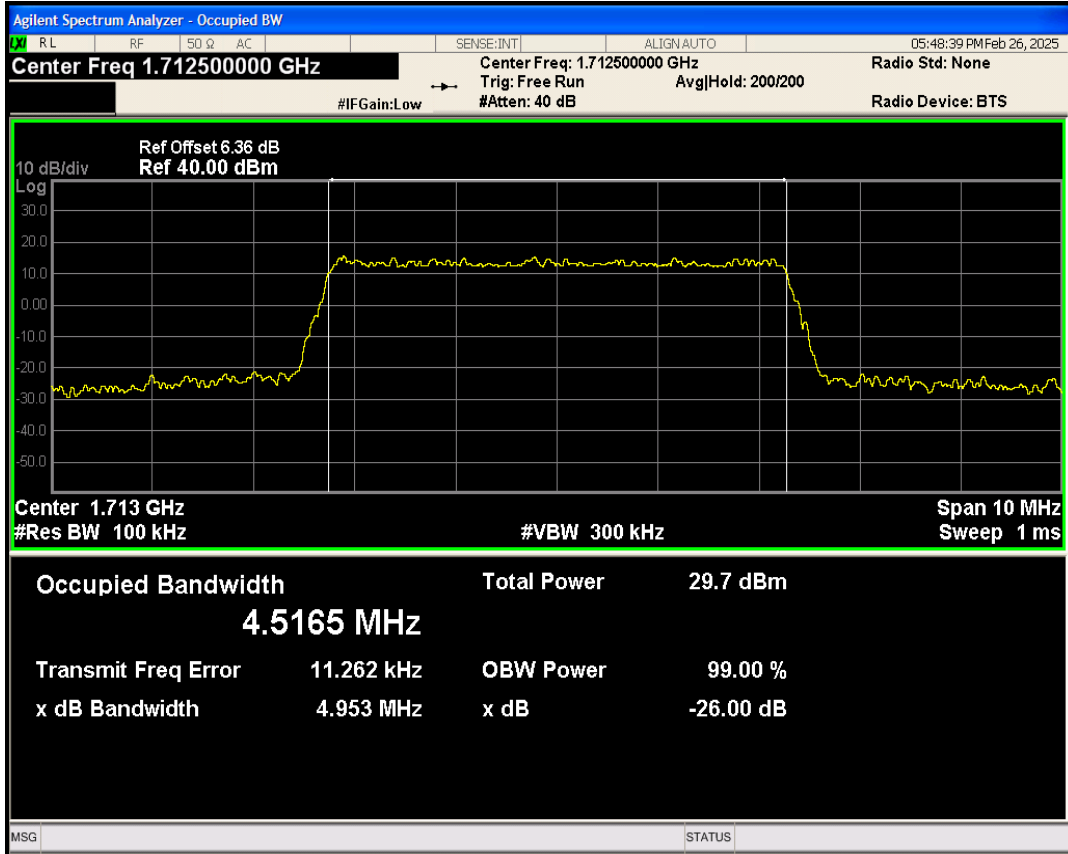
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



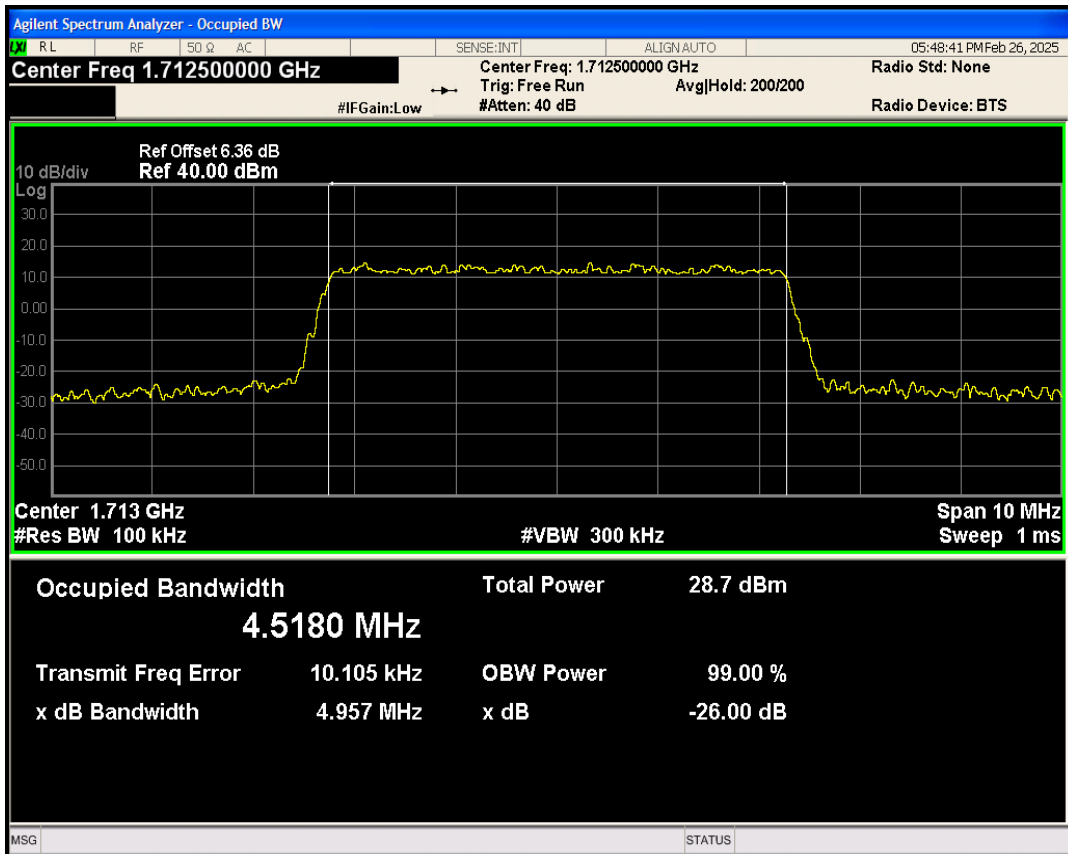
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



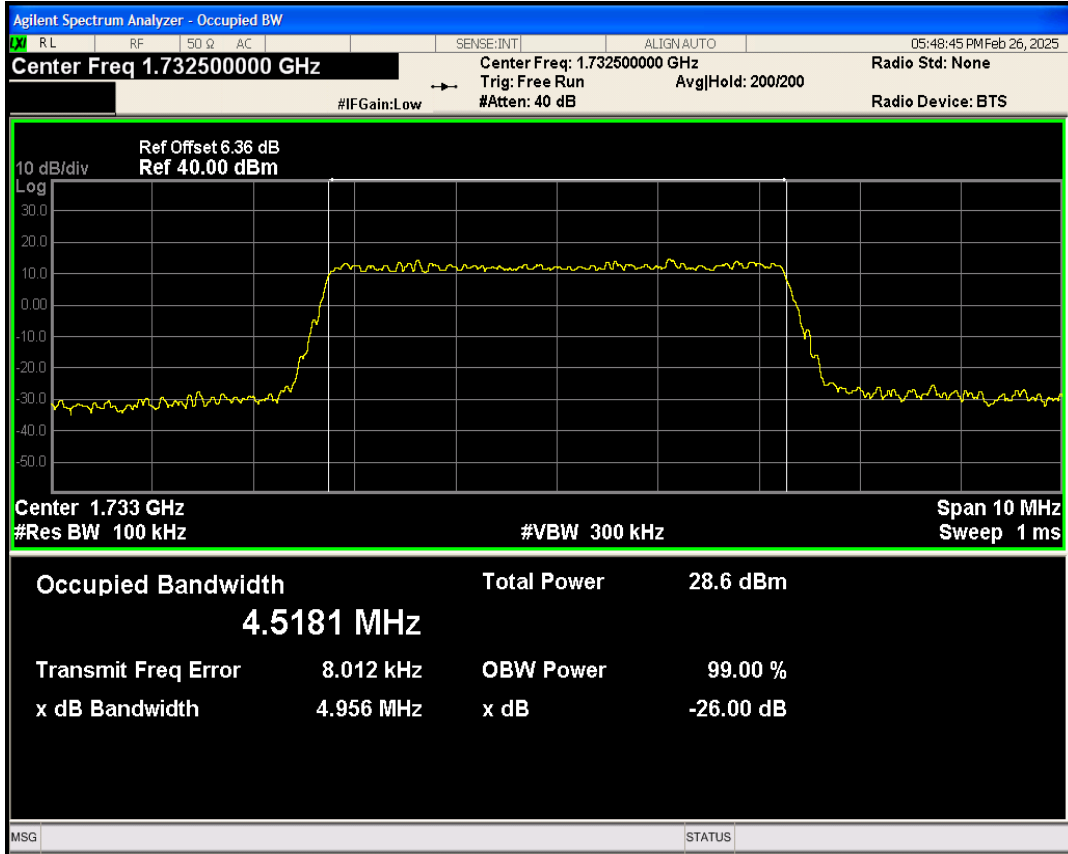
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



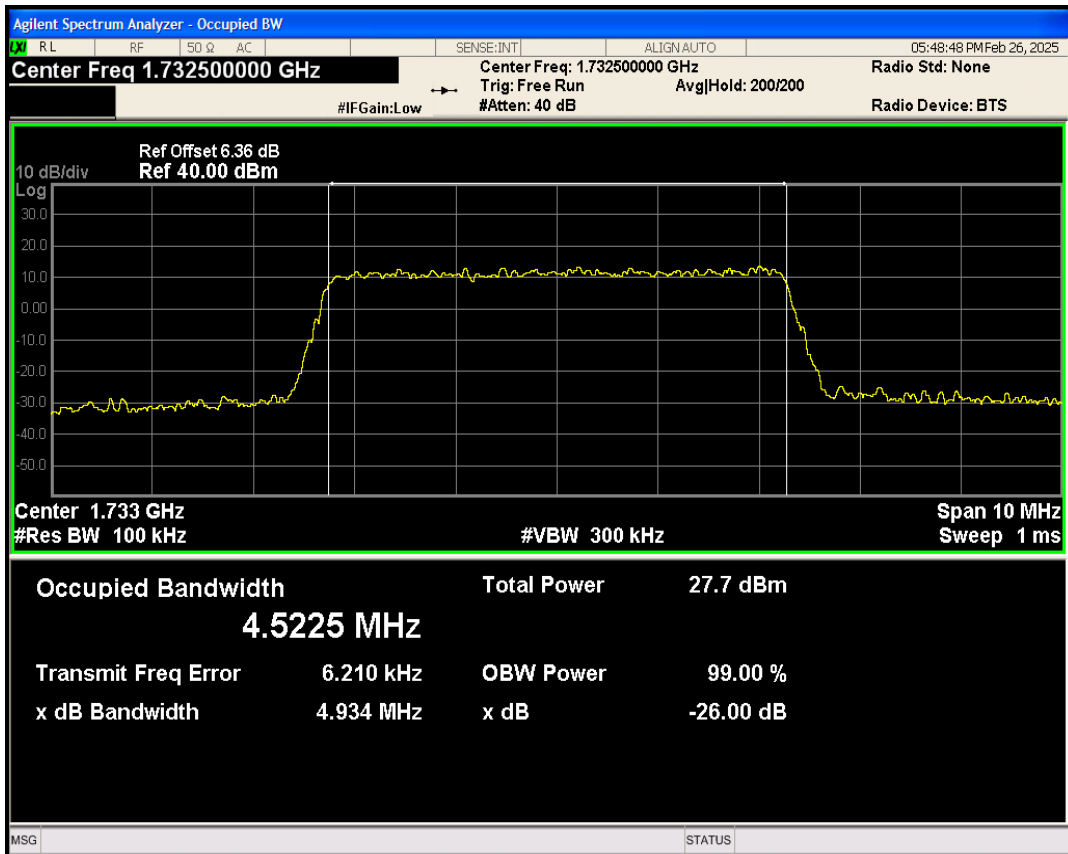
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



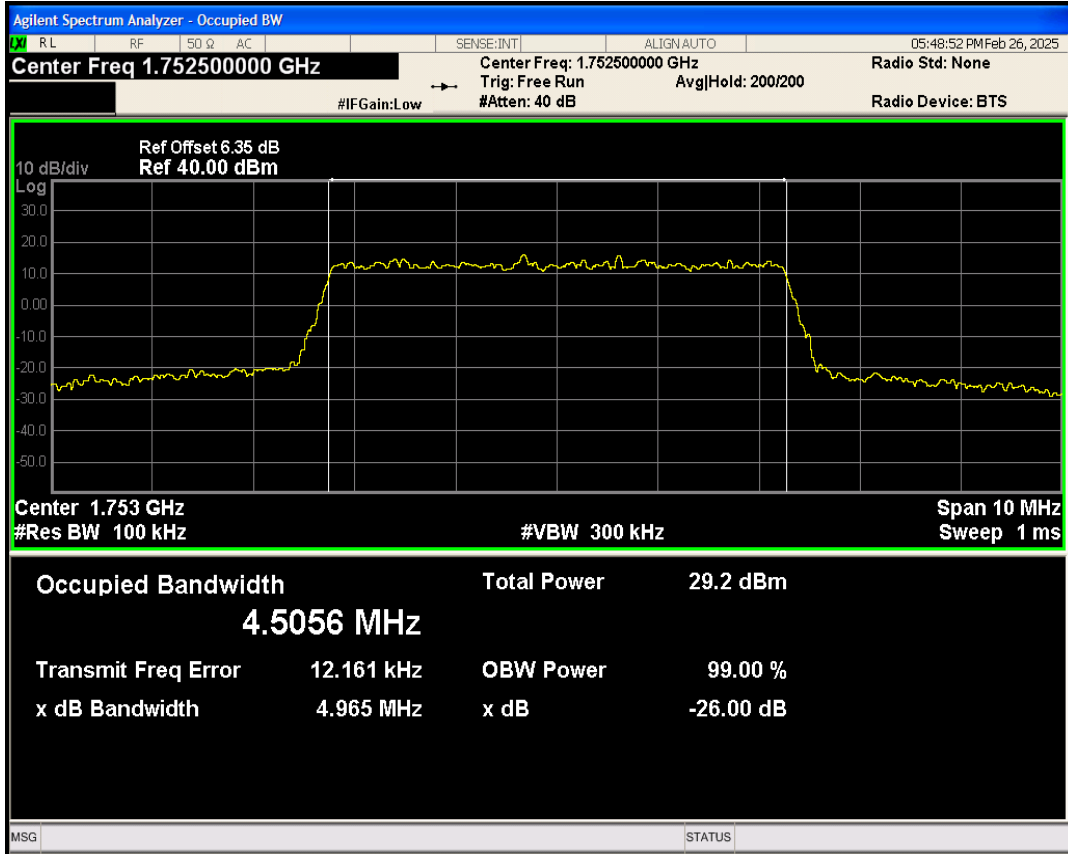
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



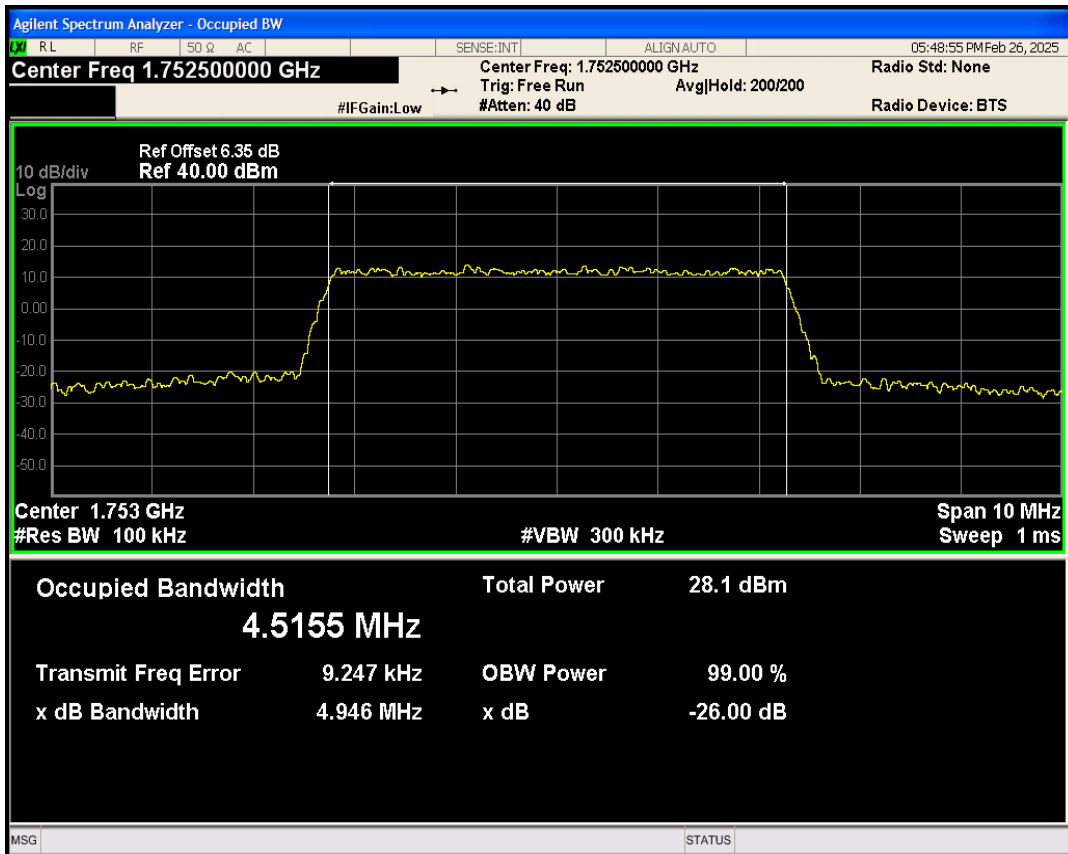
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



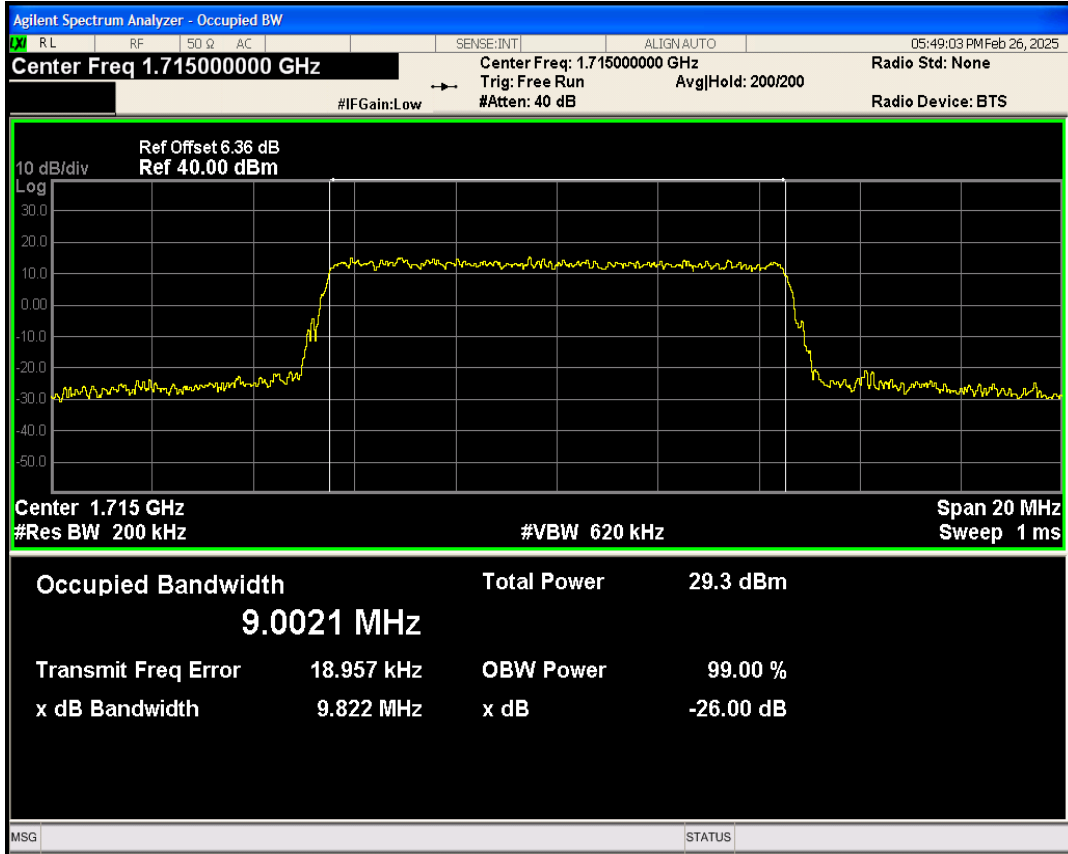
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



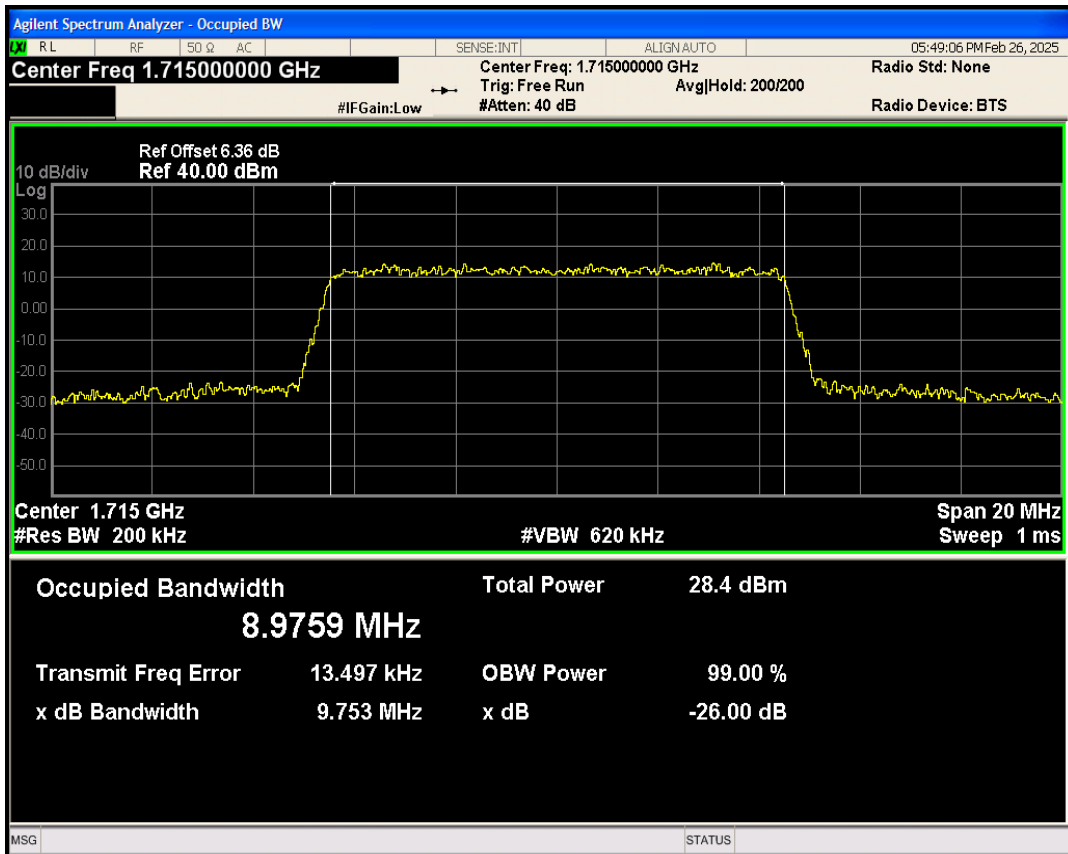
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



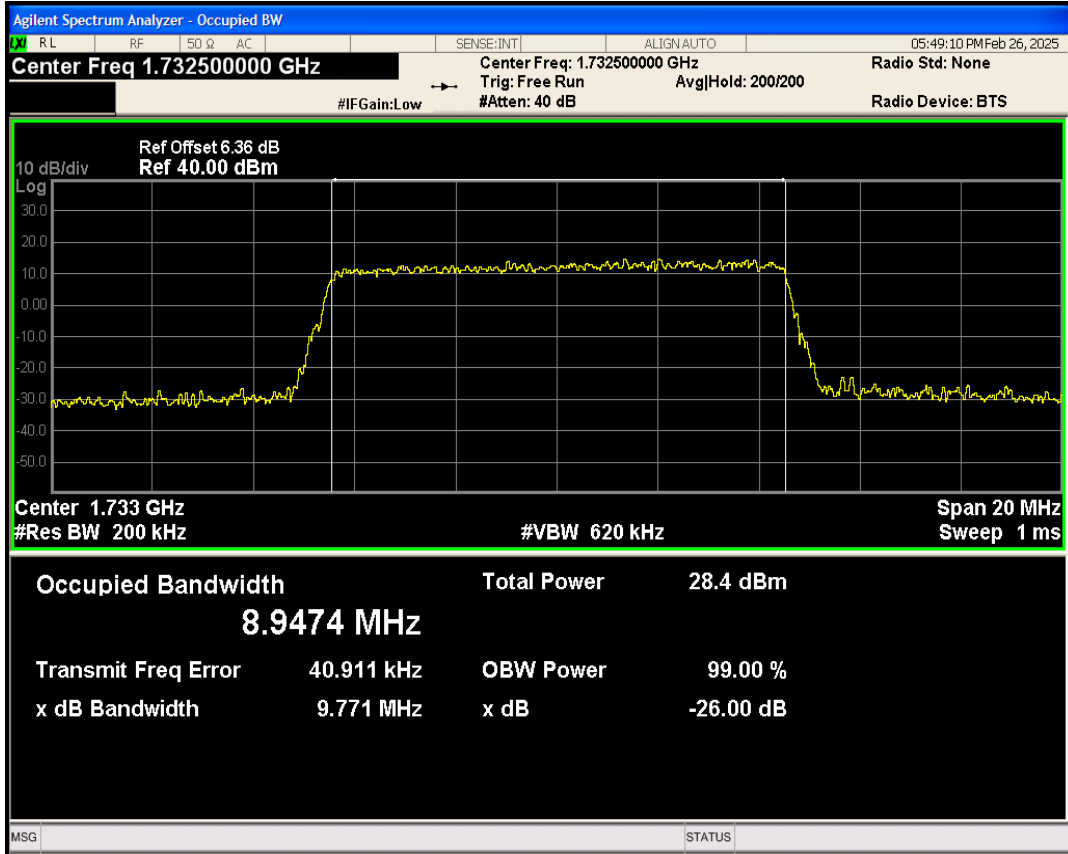
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



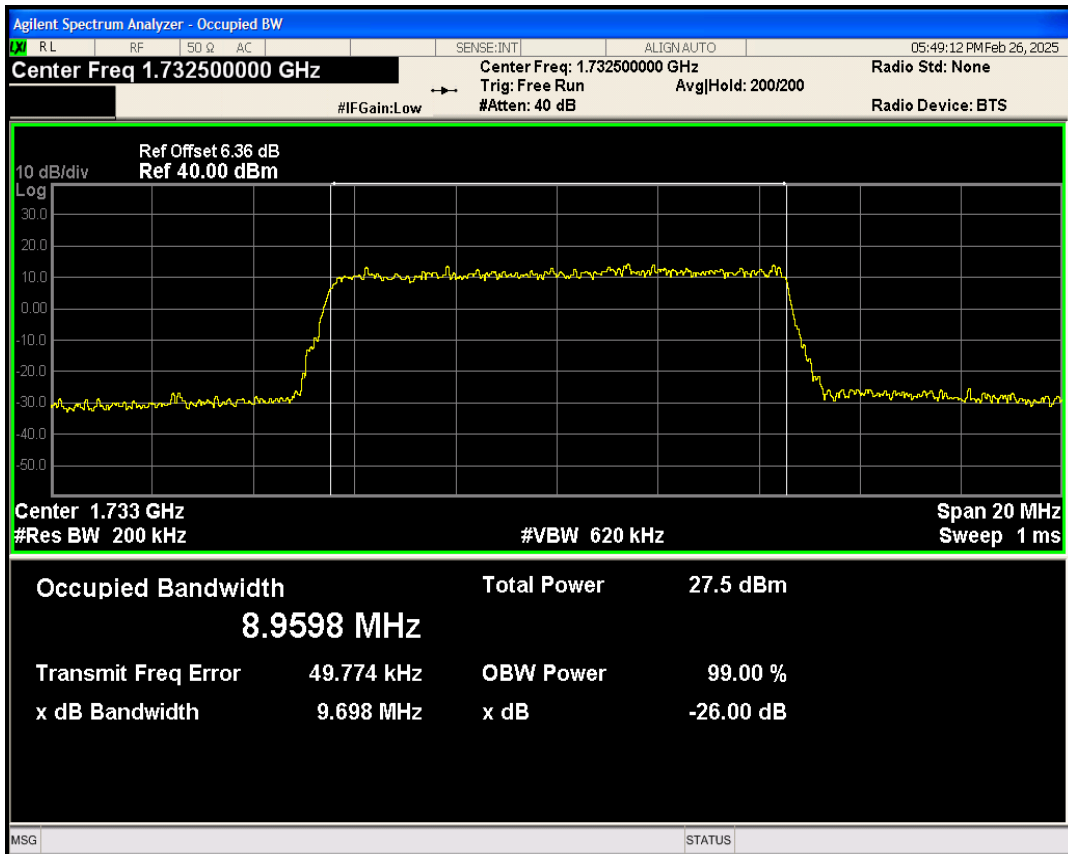
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



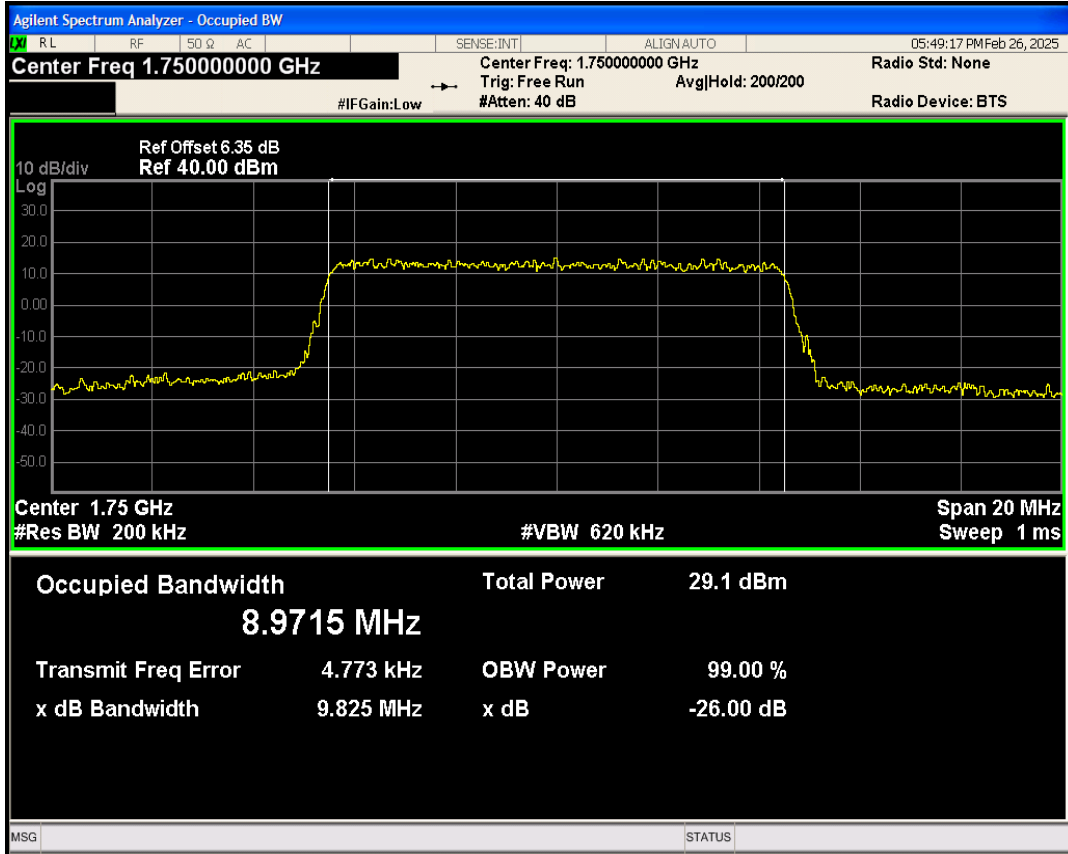
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



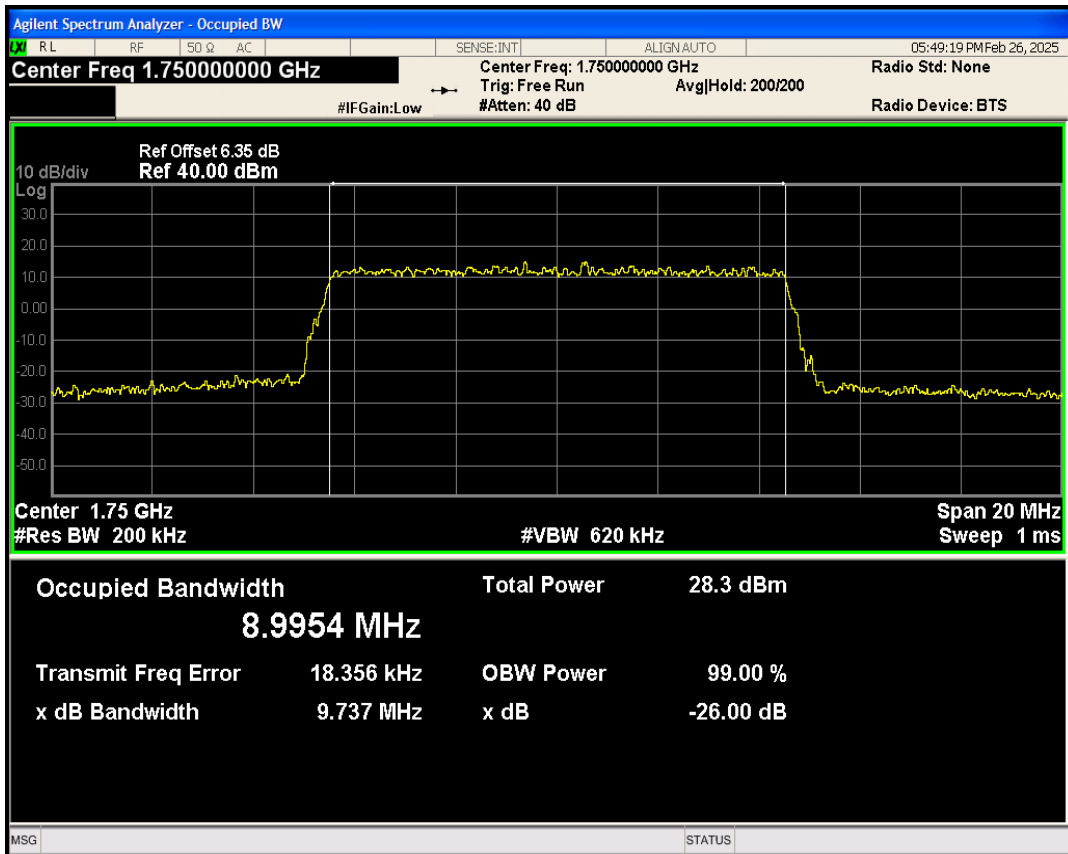
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



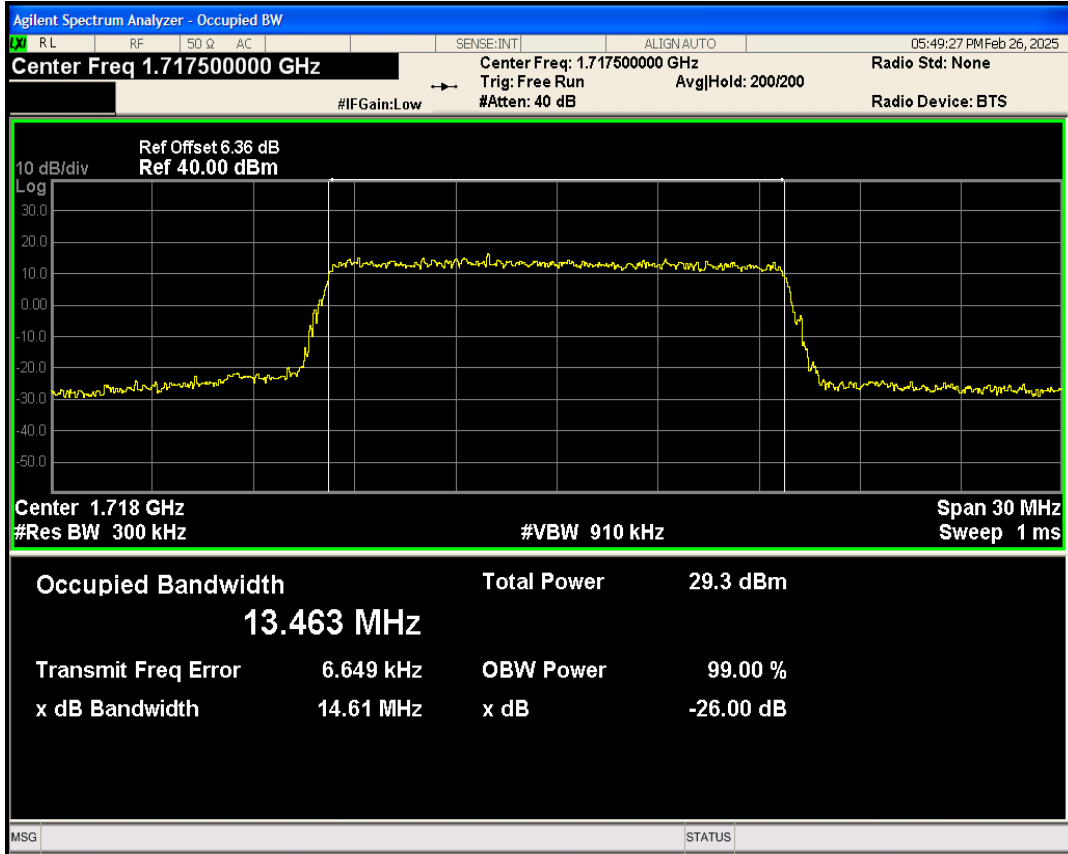
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



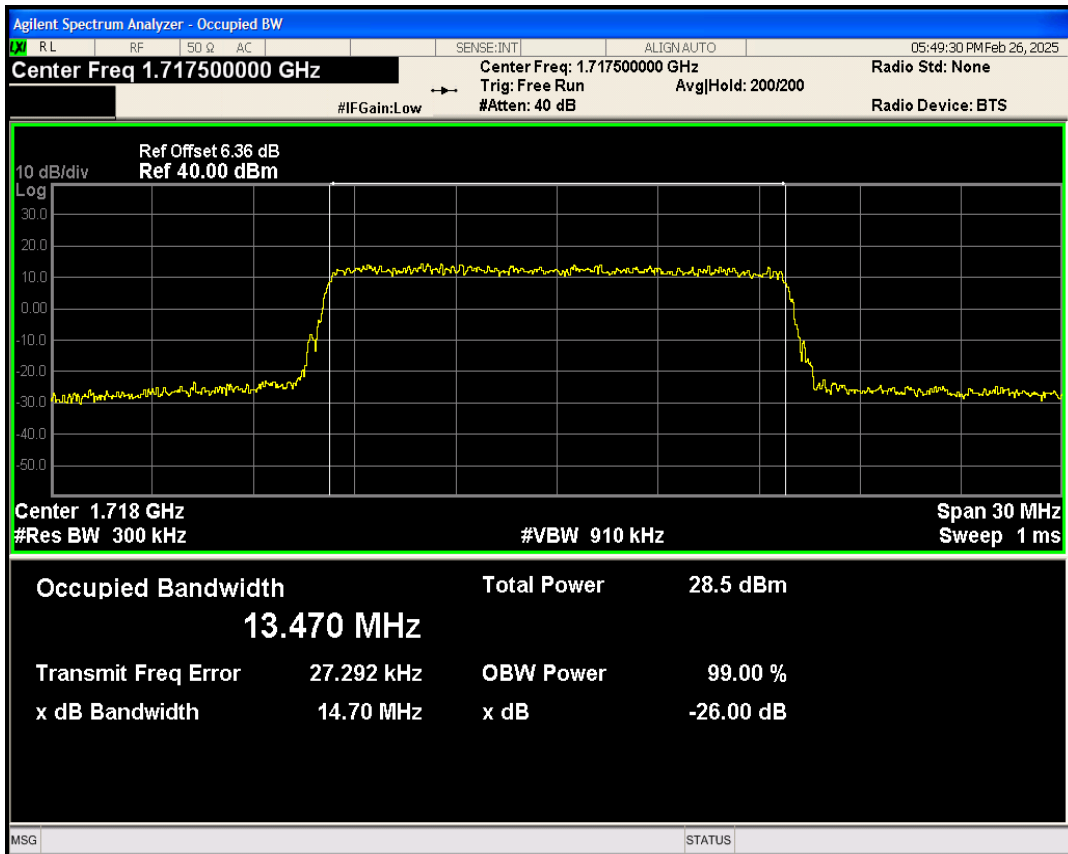
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



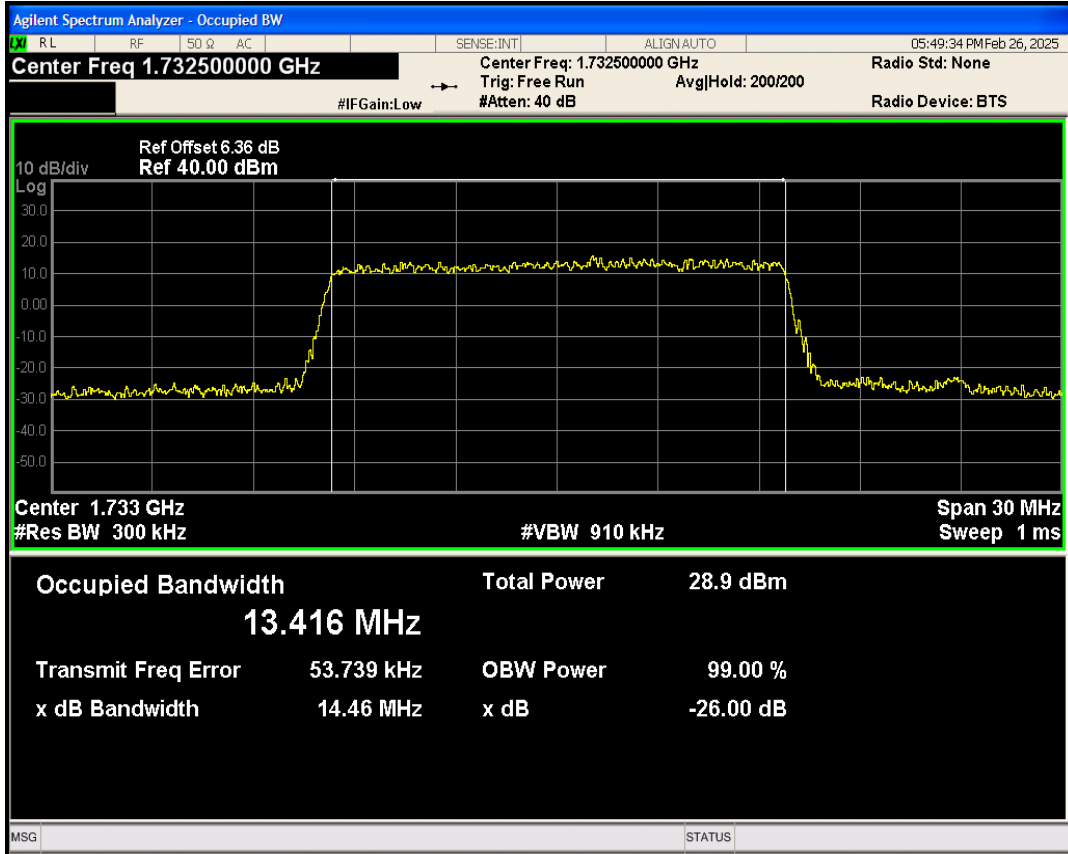
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



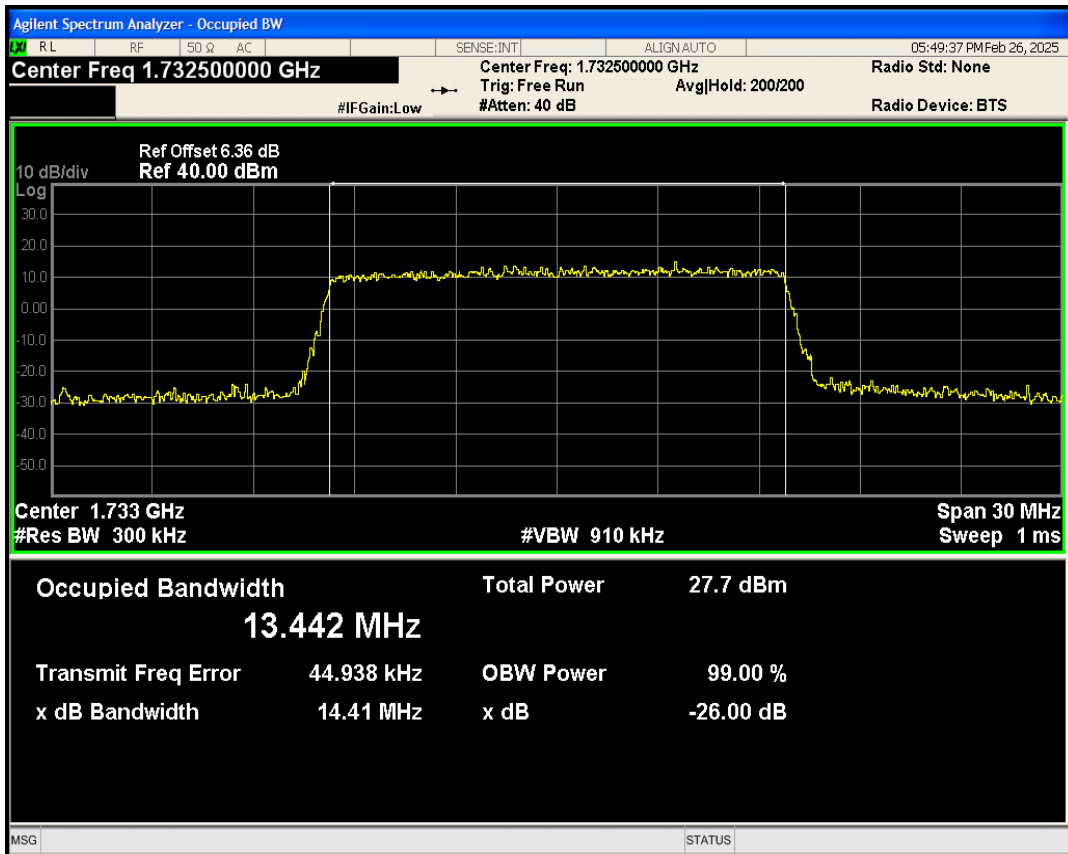
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



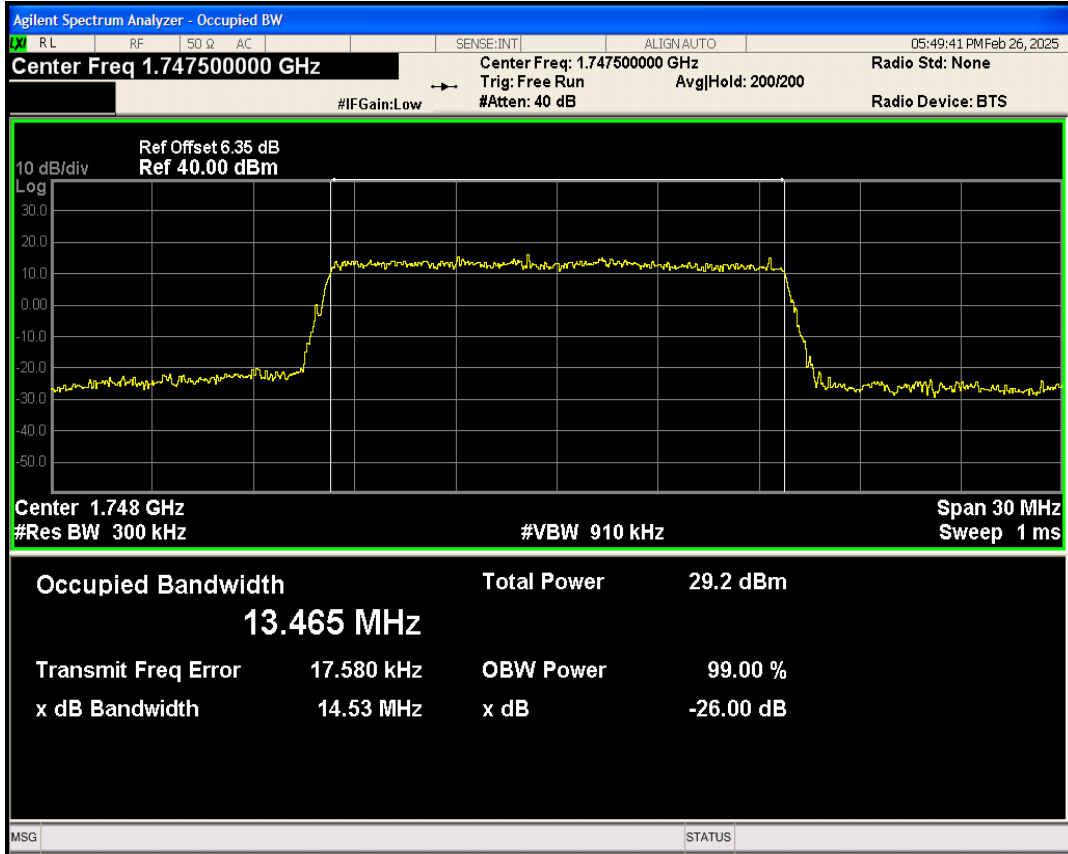
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



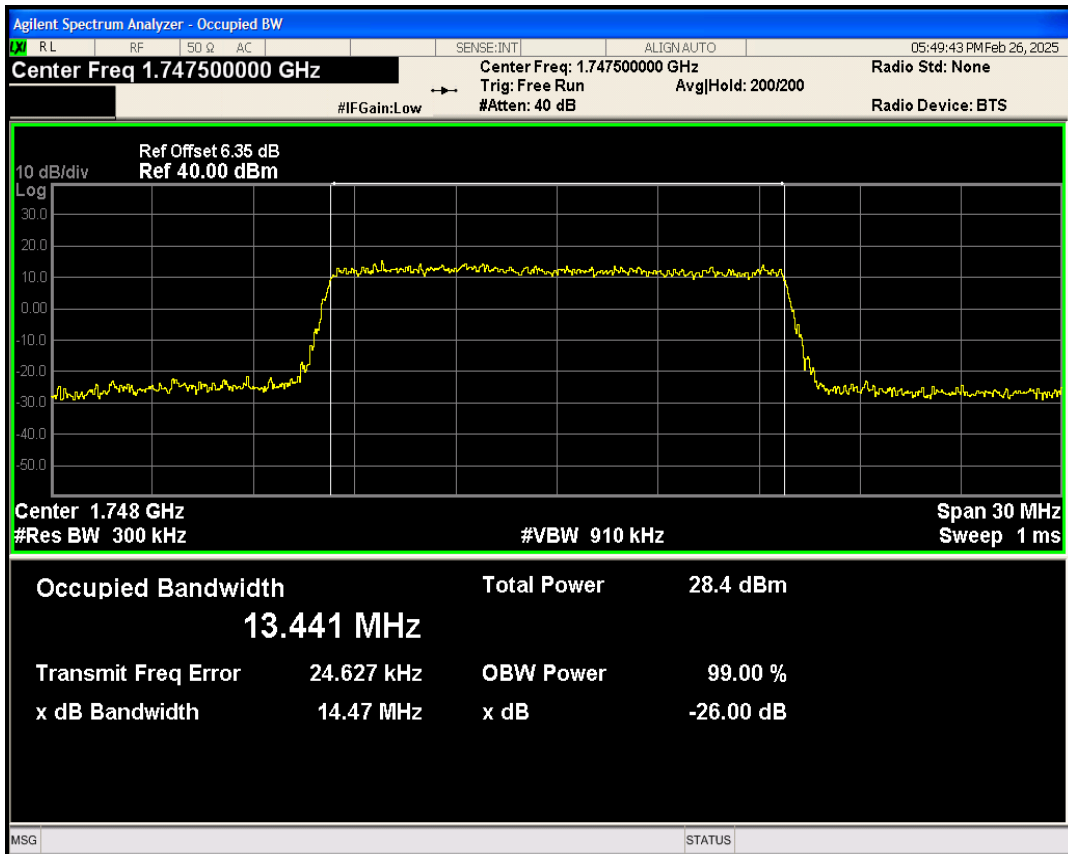
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



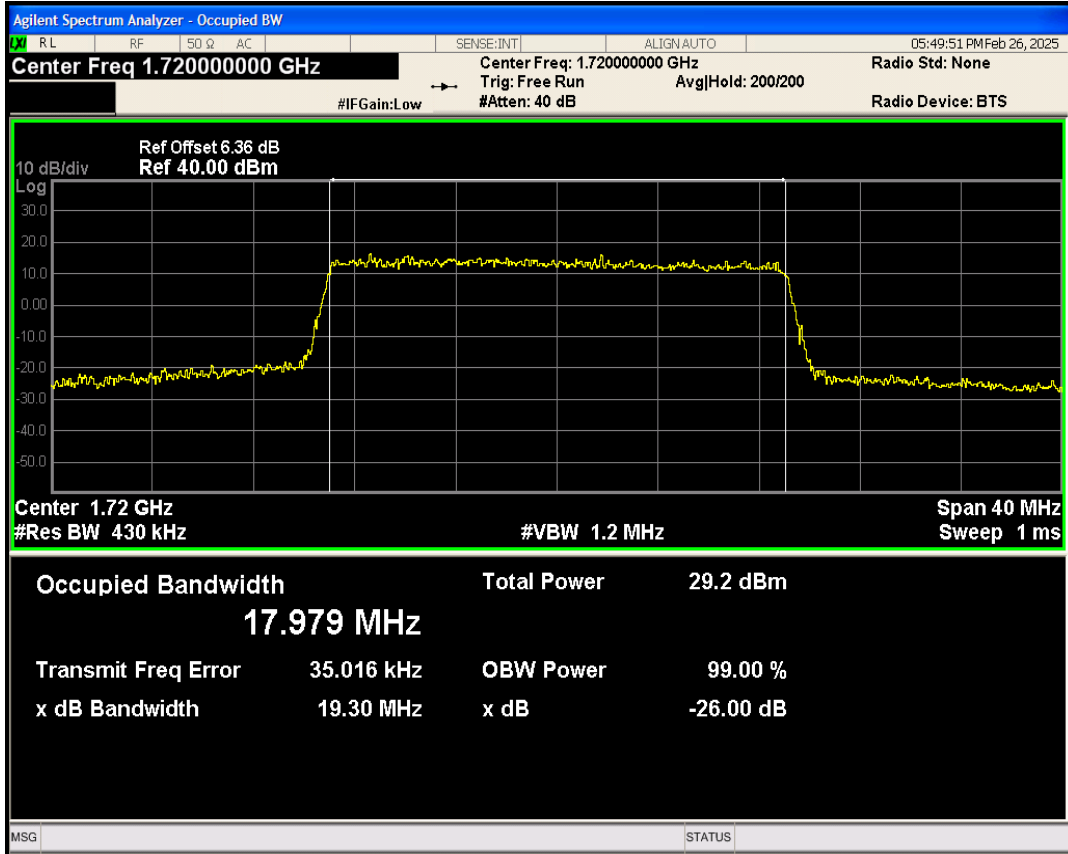
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



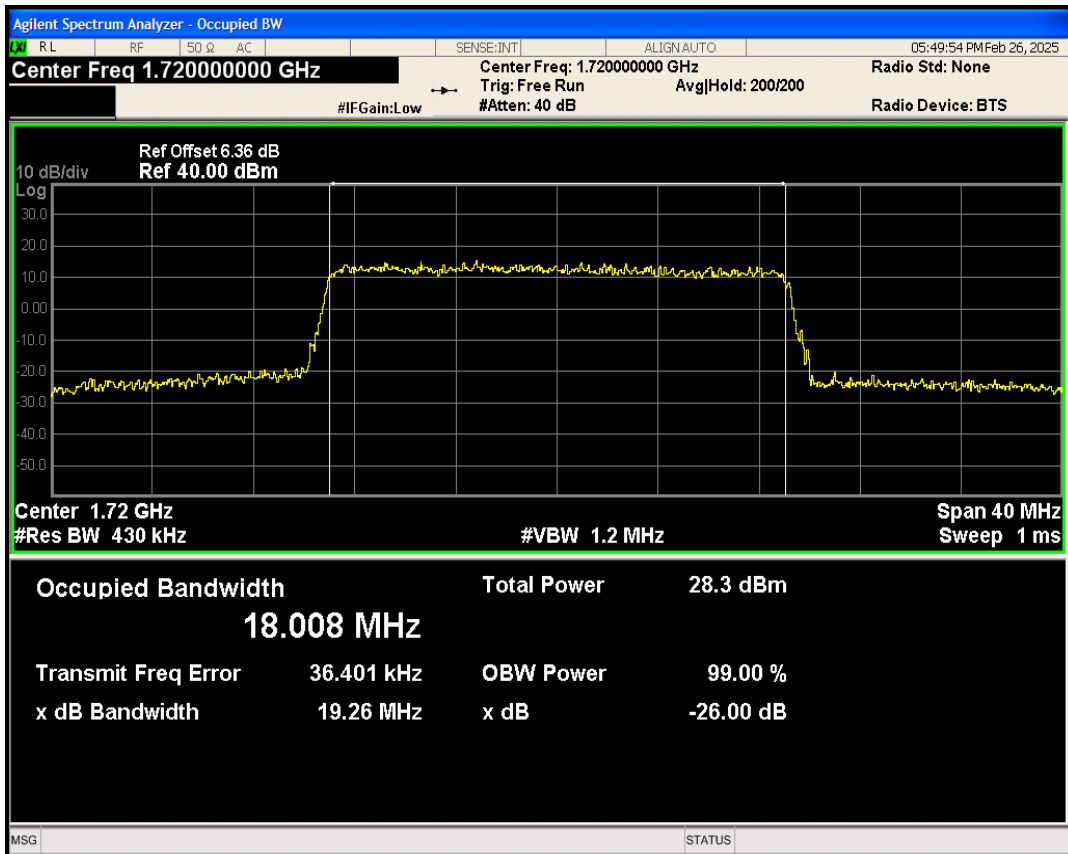
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



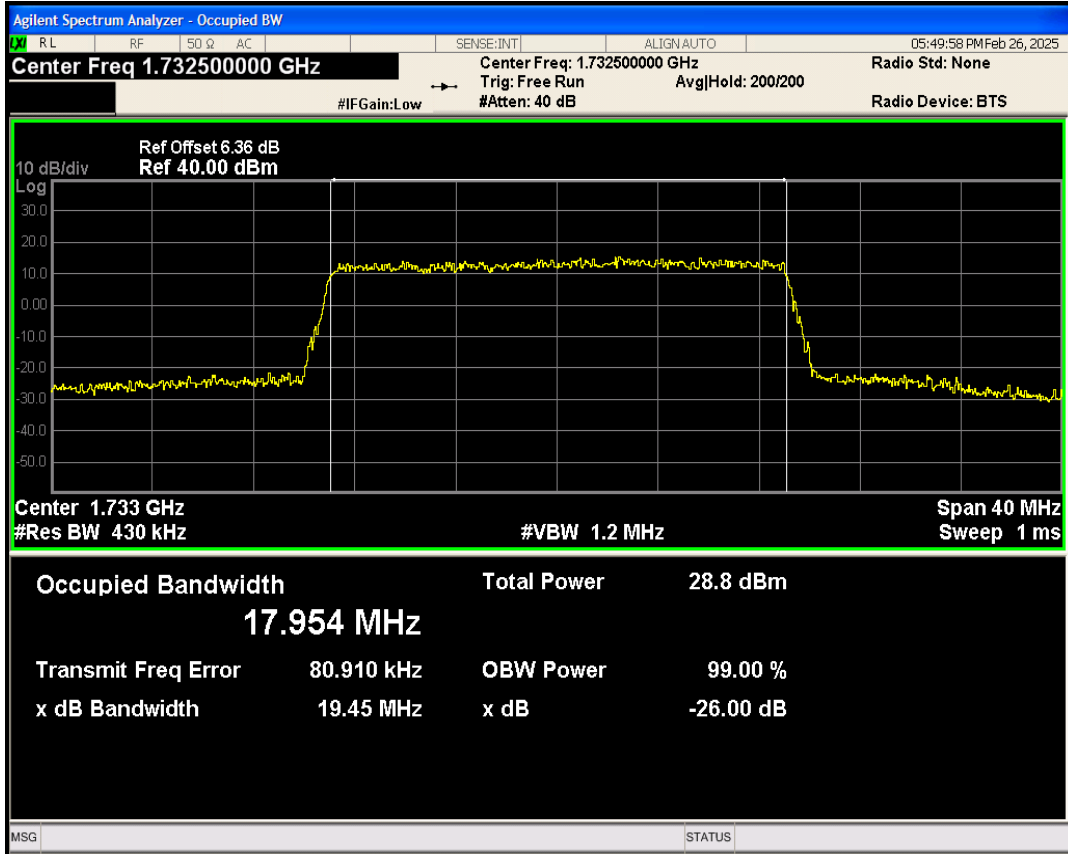
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



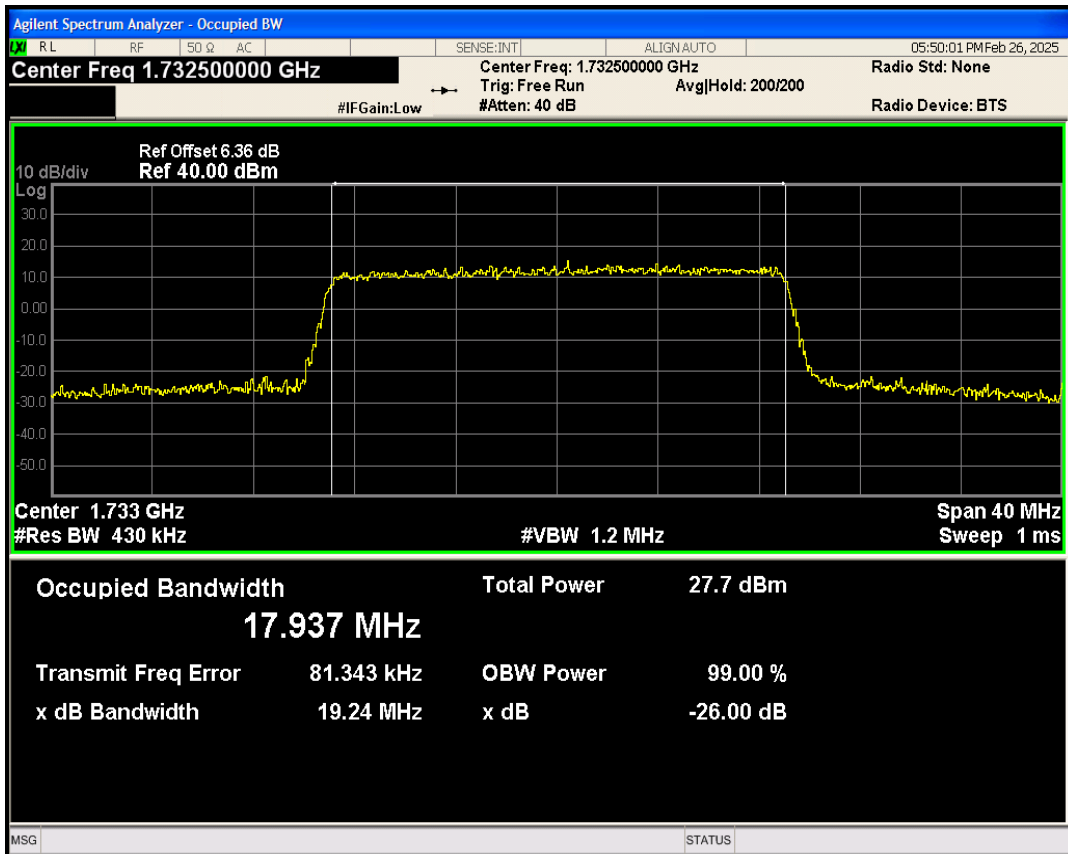
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



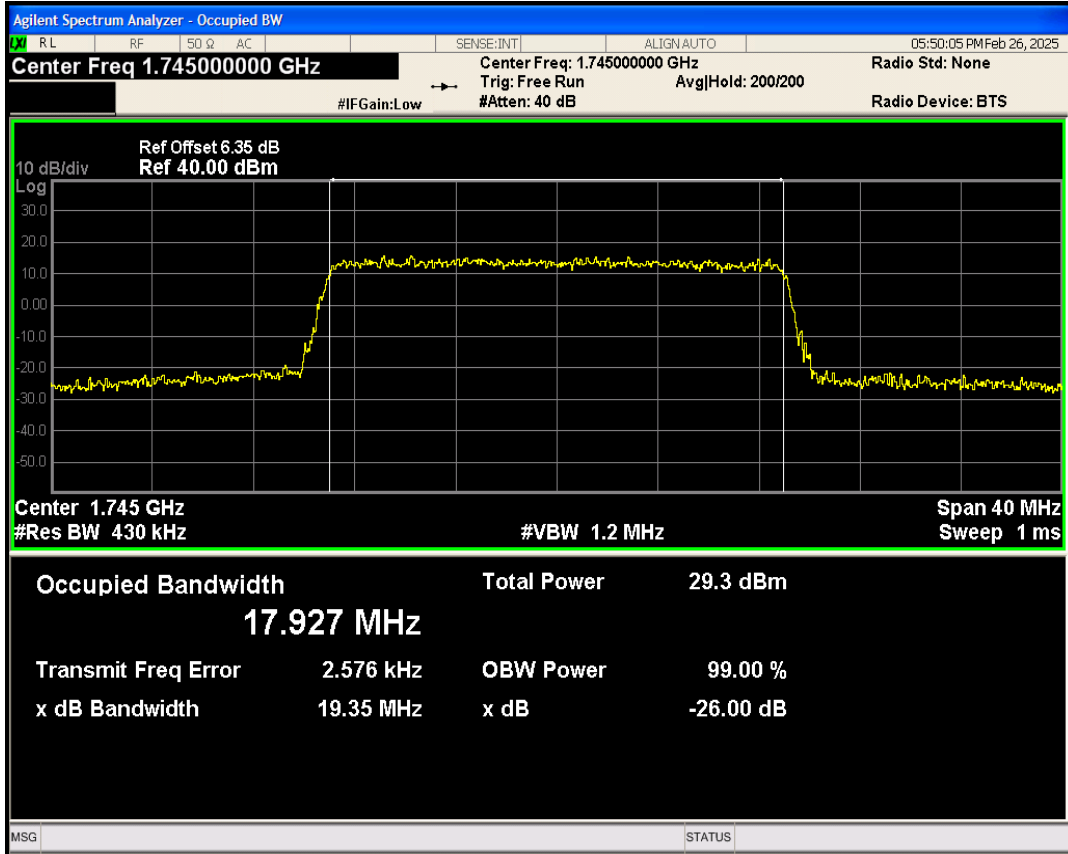
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



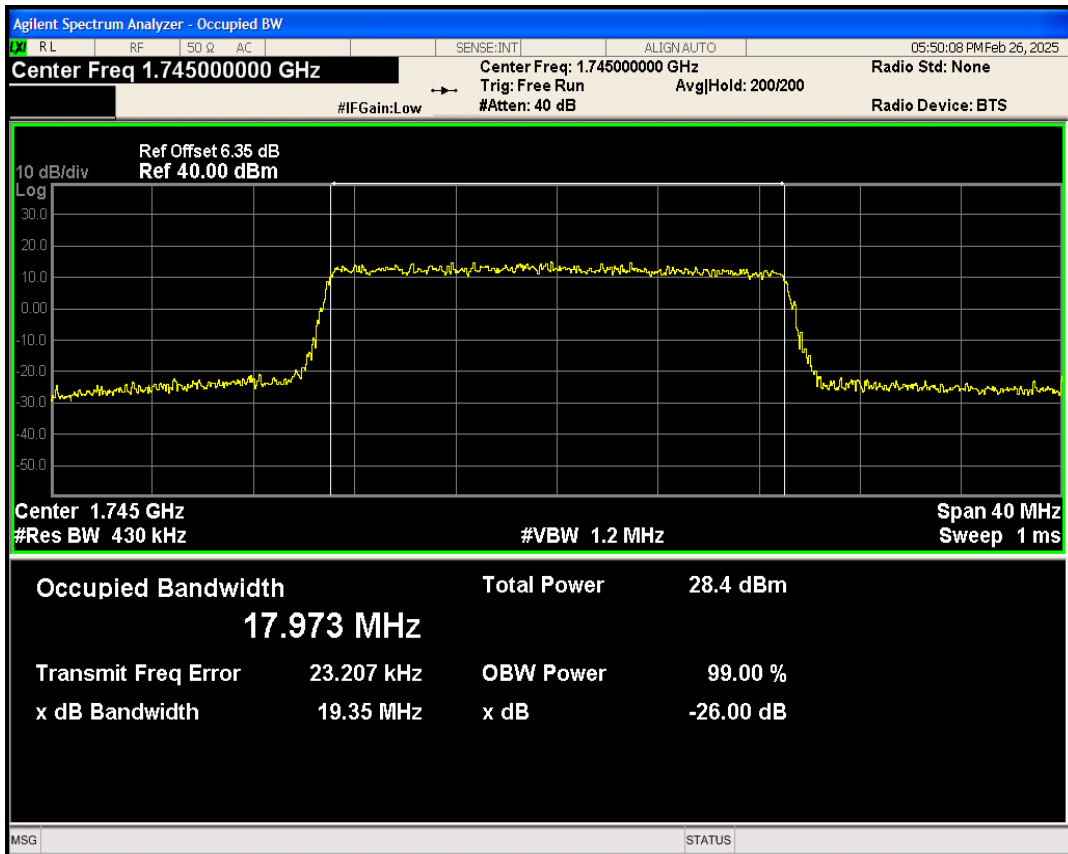
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



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



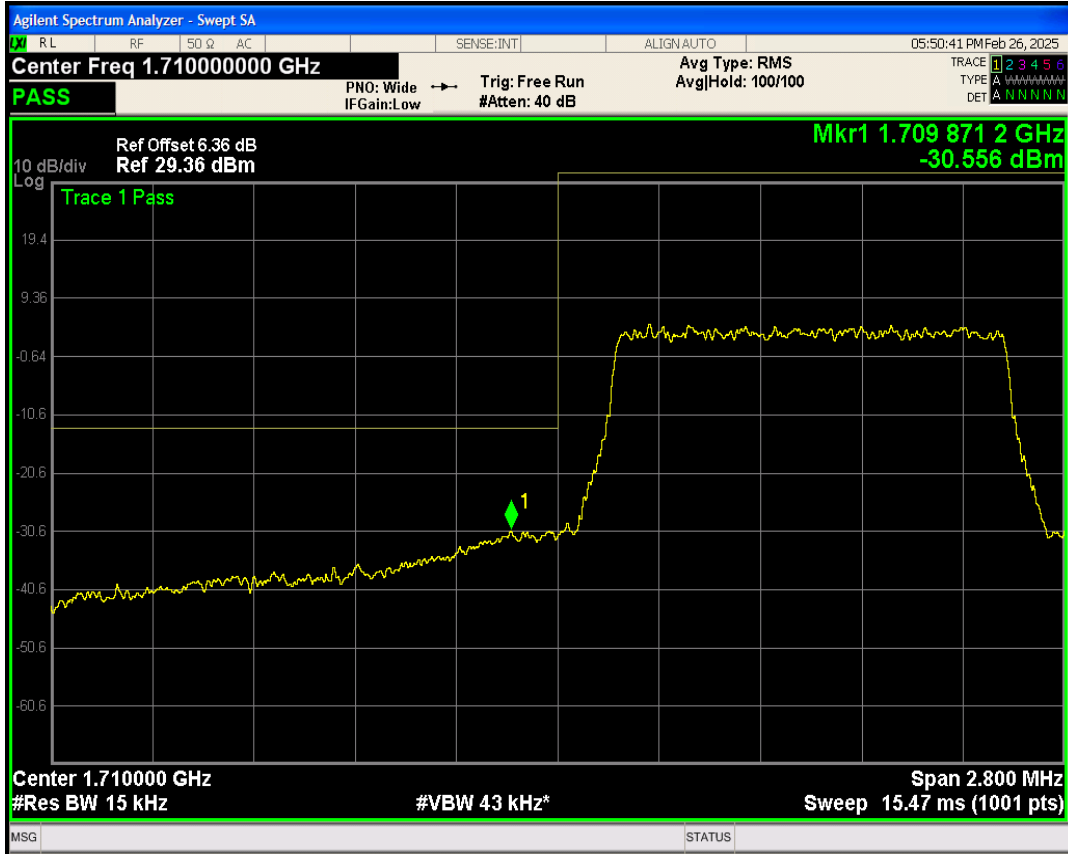
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



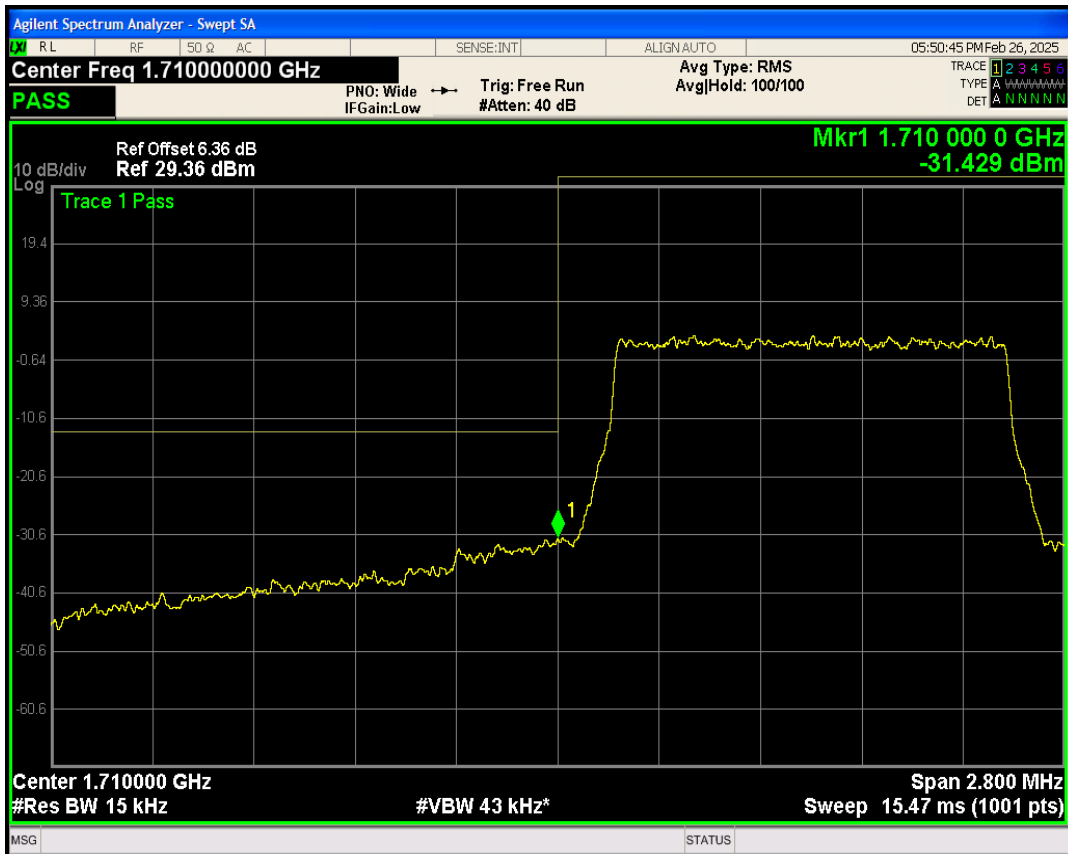
Appendix 5. Band edge

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	1709.87	-30.55	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1710.00	-31.42	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.05	-27.57	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.08	-29.03	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-27.37	-13	PASS
Band4	3	19965	15	#0	16QAM	1710.00	-28.61	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.01	-27.36	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.01	-28.80	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-29.64	-13	PASS
Band4	5	19975	25	#0	16QAM	1710.00	-31.26	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.04	-30.40	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.00	-31.96	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-33.86	-13	PASS
Band4	10	20000	50	#0	16QAM	1710.00	-35.32	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.04	-34.04	-13	PASS
Band4	10	20350	50	#0	16QAM	1755.00	-34.83	-13	PASS
Band4	15	20025	75	#0	QPSK	1710.00	-31.64	-13	PASS
Band4	15	20025	75	#0	16QAM	1709.34	-33.92	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.00	-31.66	-13	PASS
Band4	15	20325	75	#0	16QAM	1755.00	-34.24	-13	PASS
Band4	20	20050	100	#0	QPSK	1708.96	-30.15	-13	PASS
Band4	20	20050	100	#0	16QAM	1709.96	-32.40	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.00	-34.01	-13	PASS
Band4	20	20300	100	#0	16QAM	1755.08	-34.59	-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



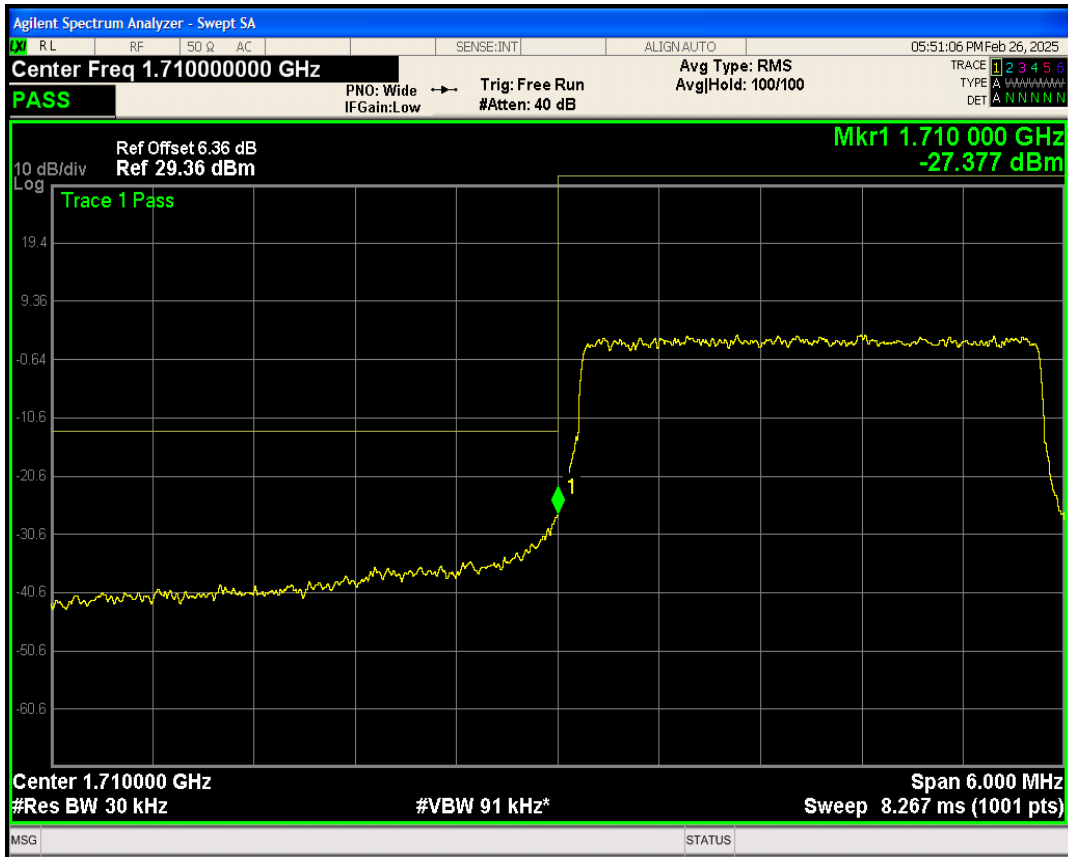
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



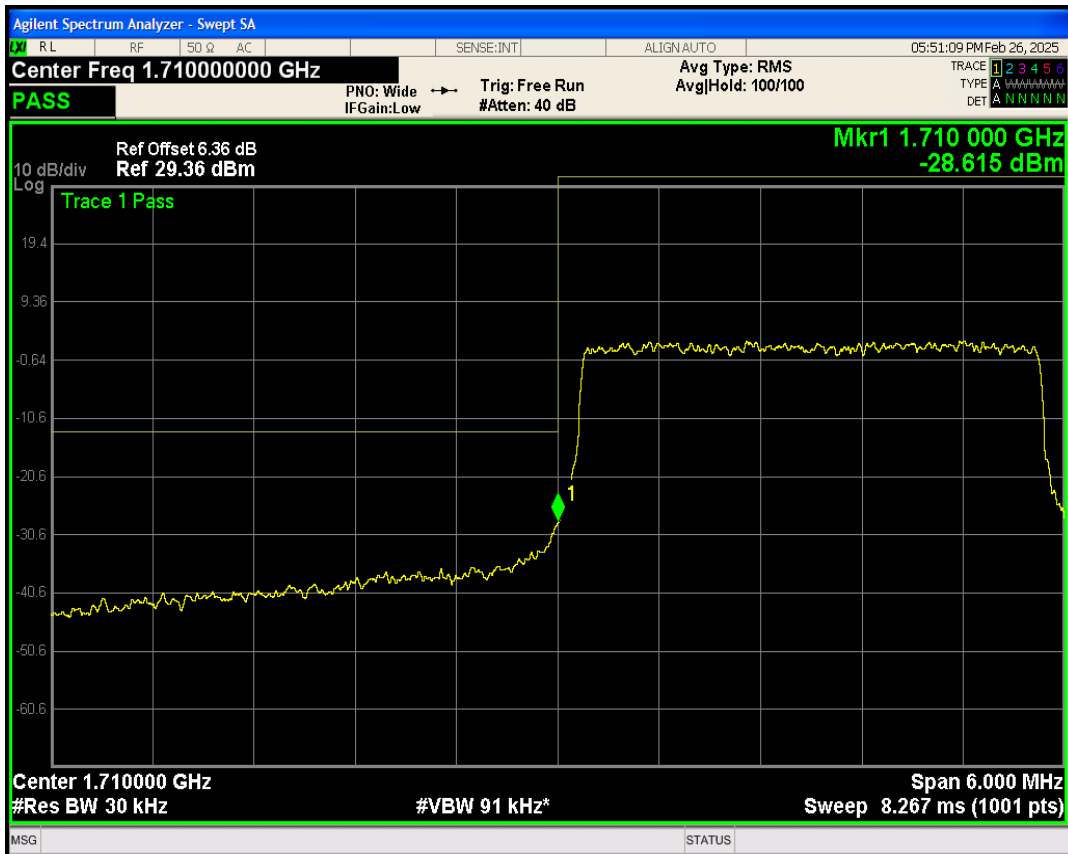
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



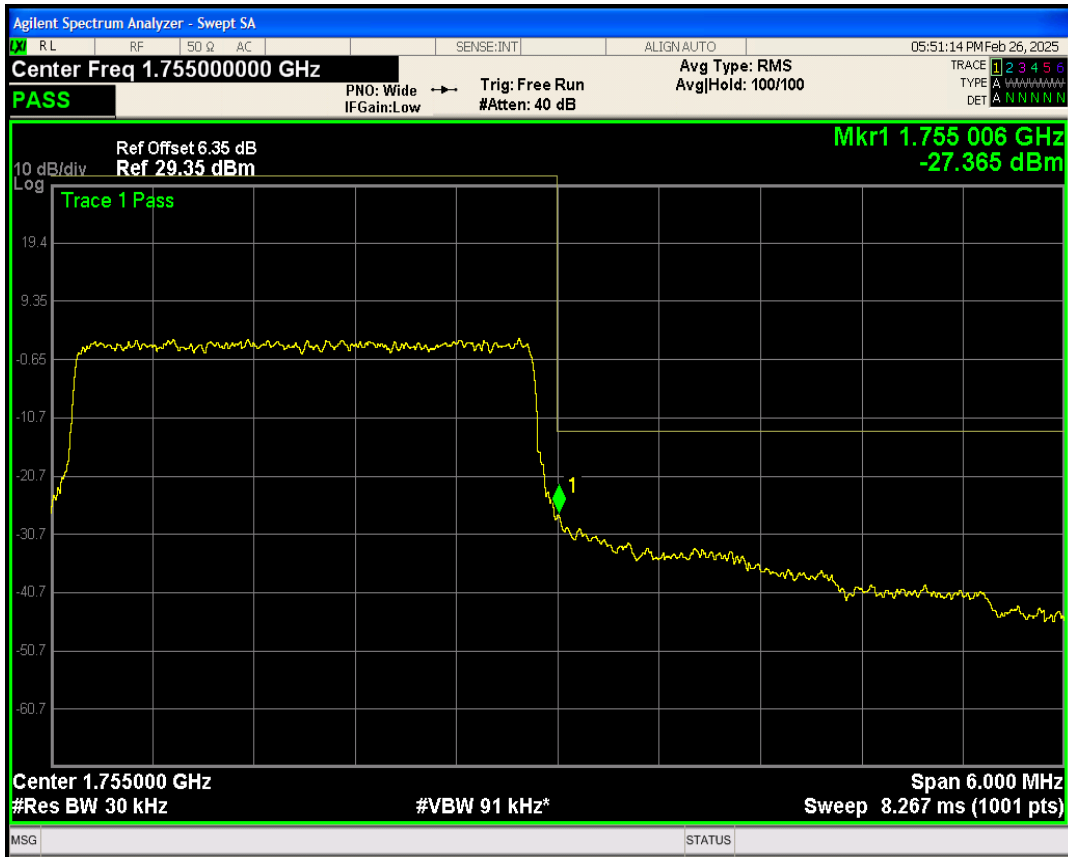
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



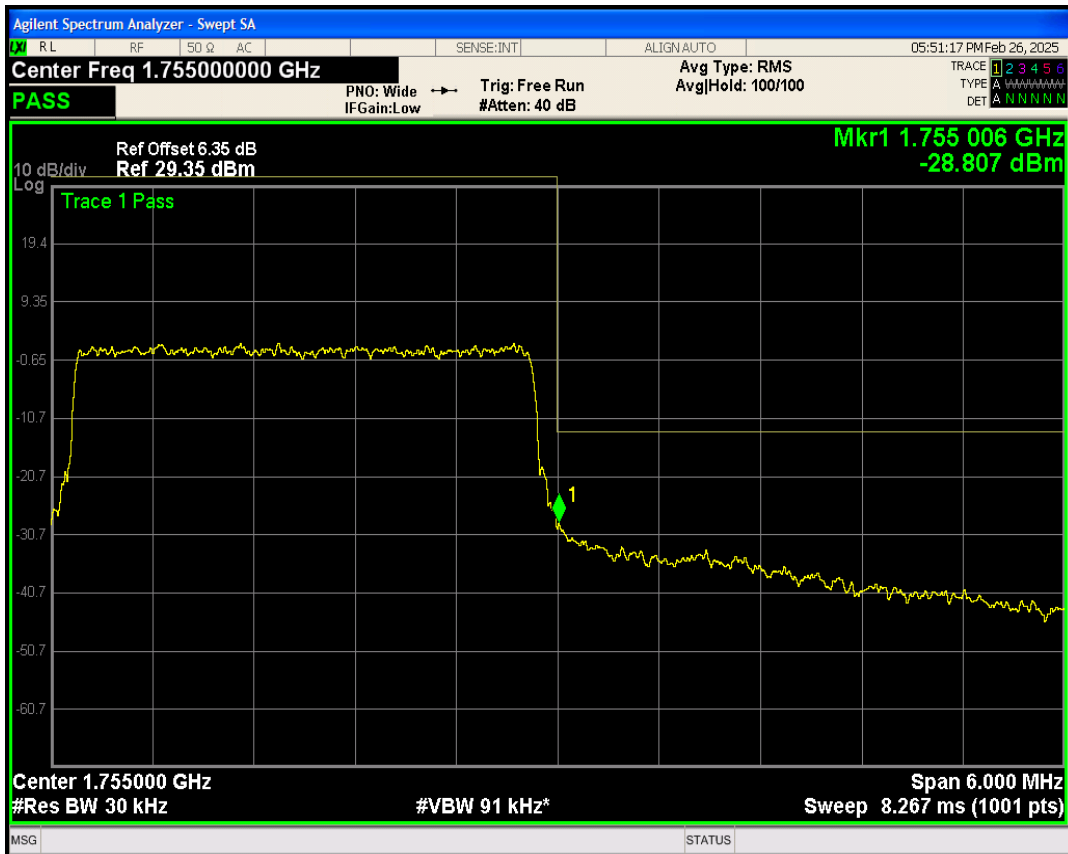
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



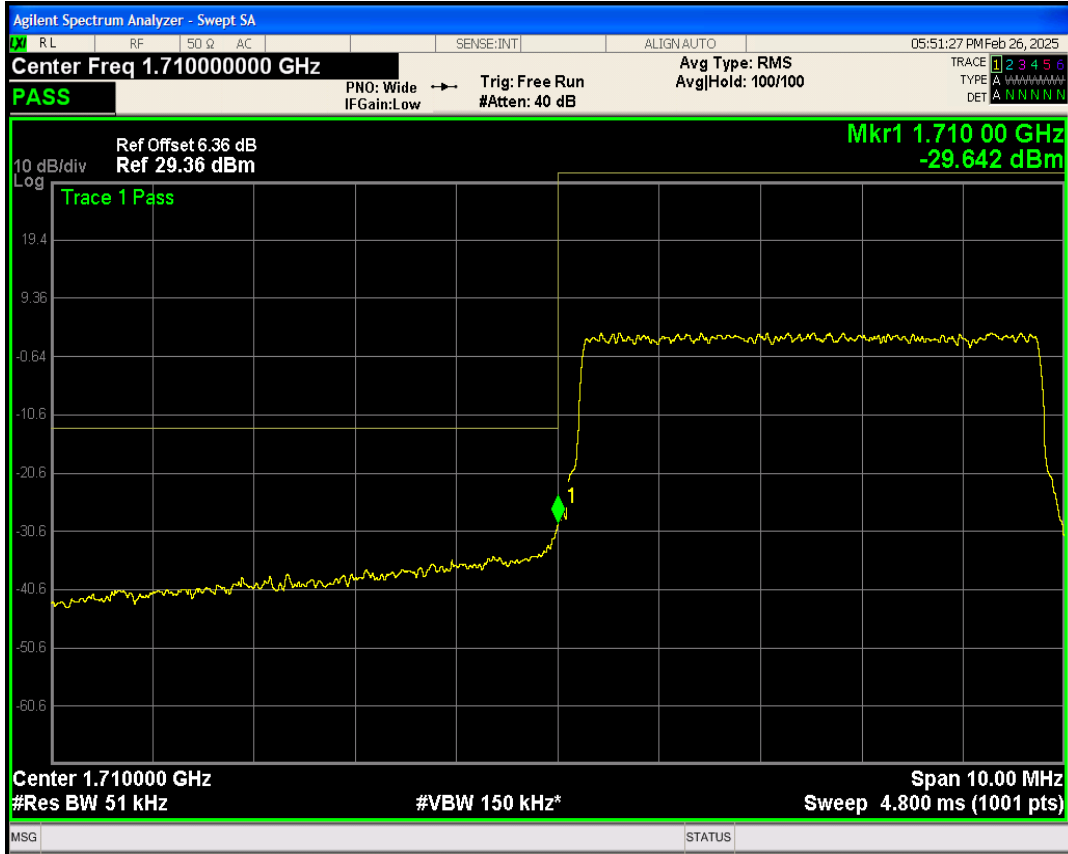
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



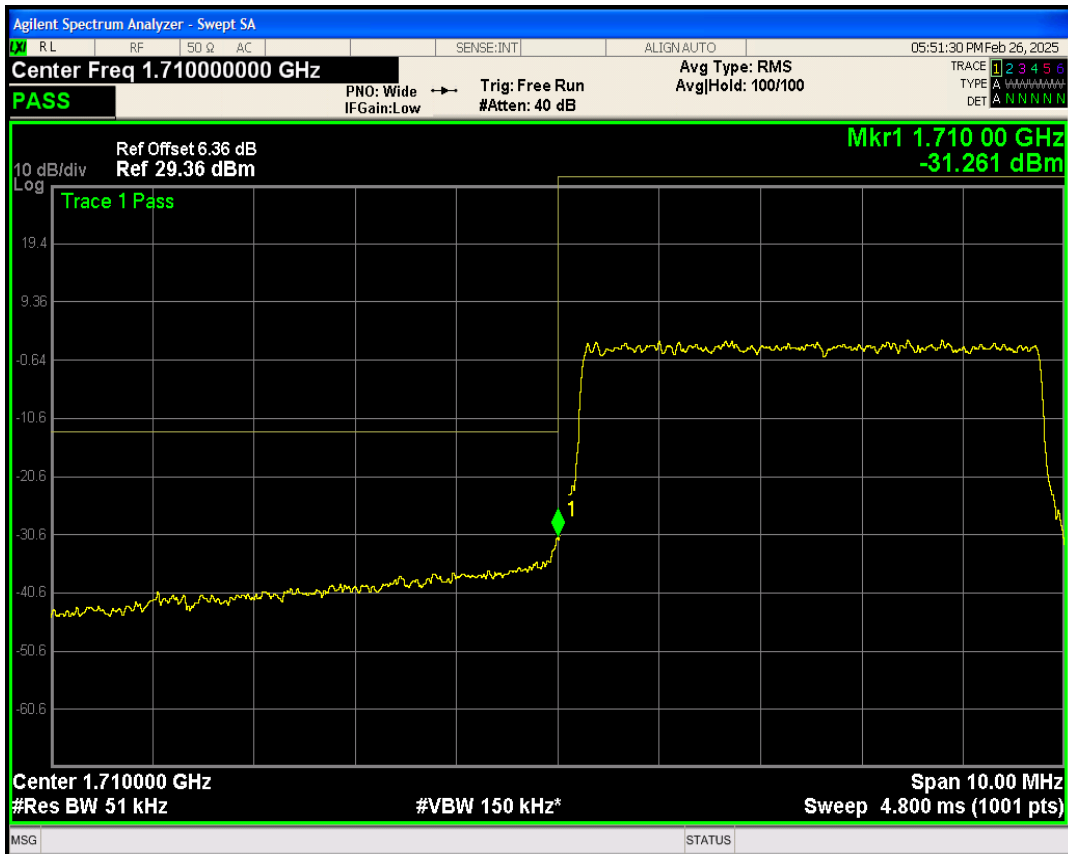
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



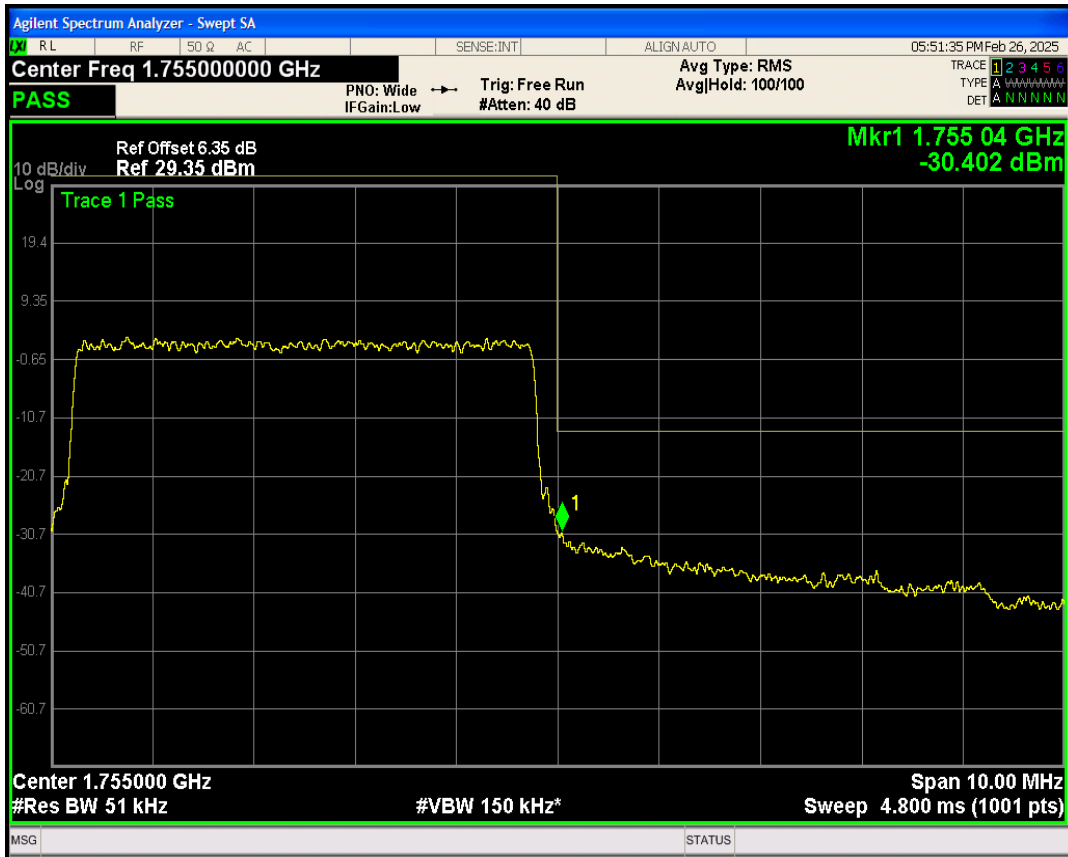
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



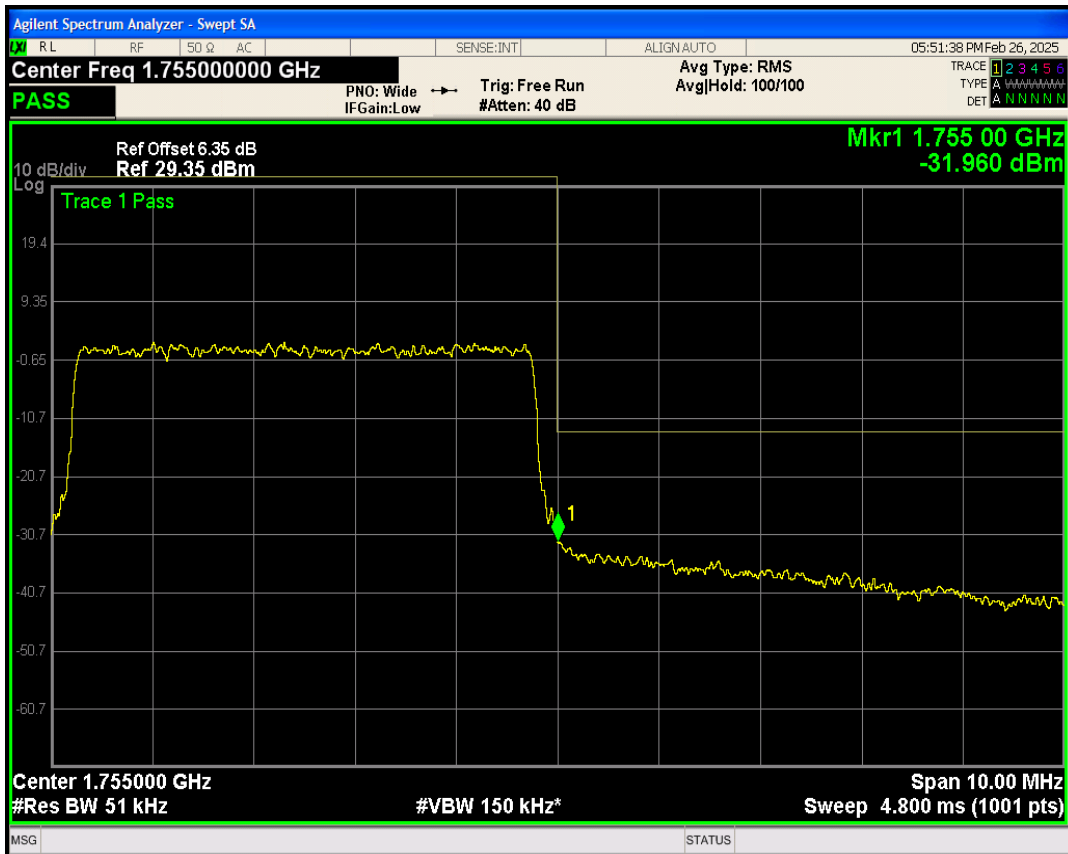
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



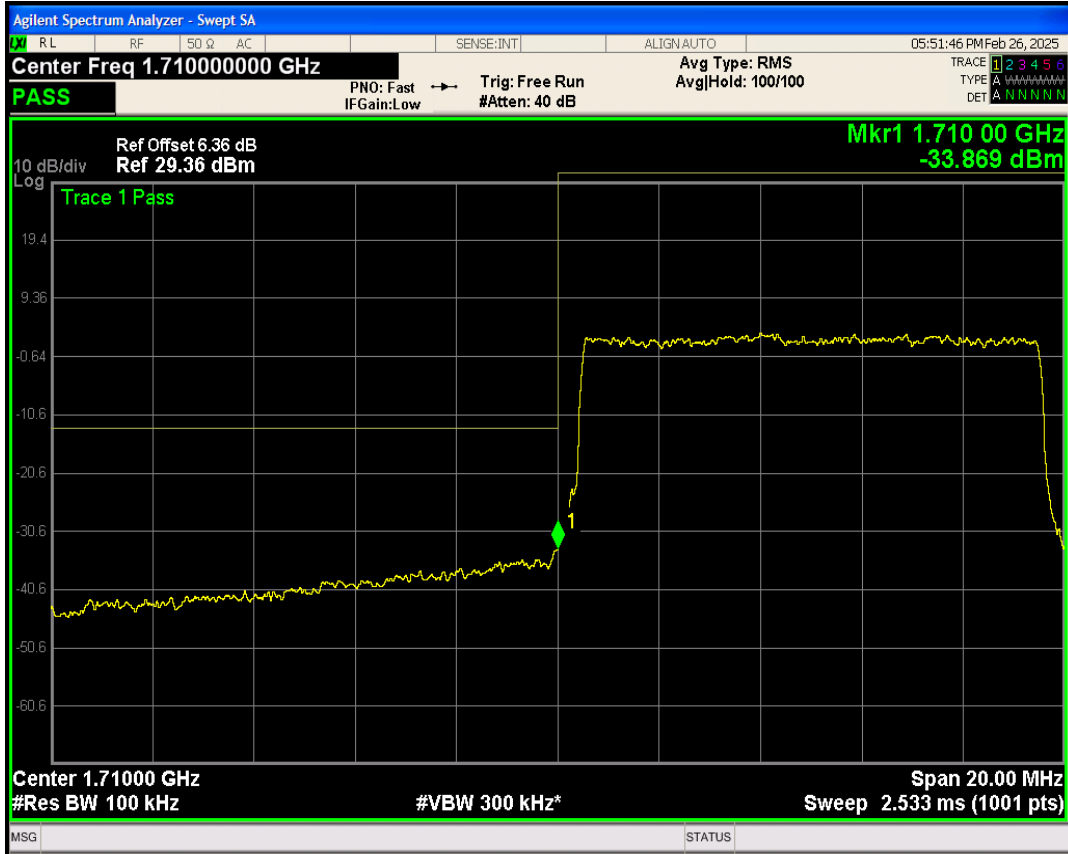
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



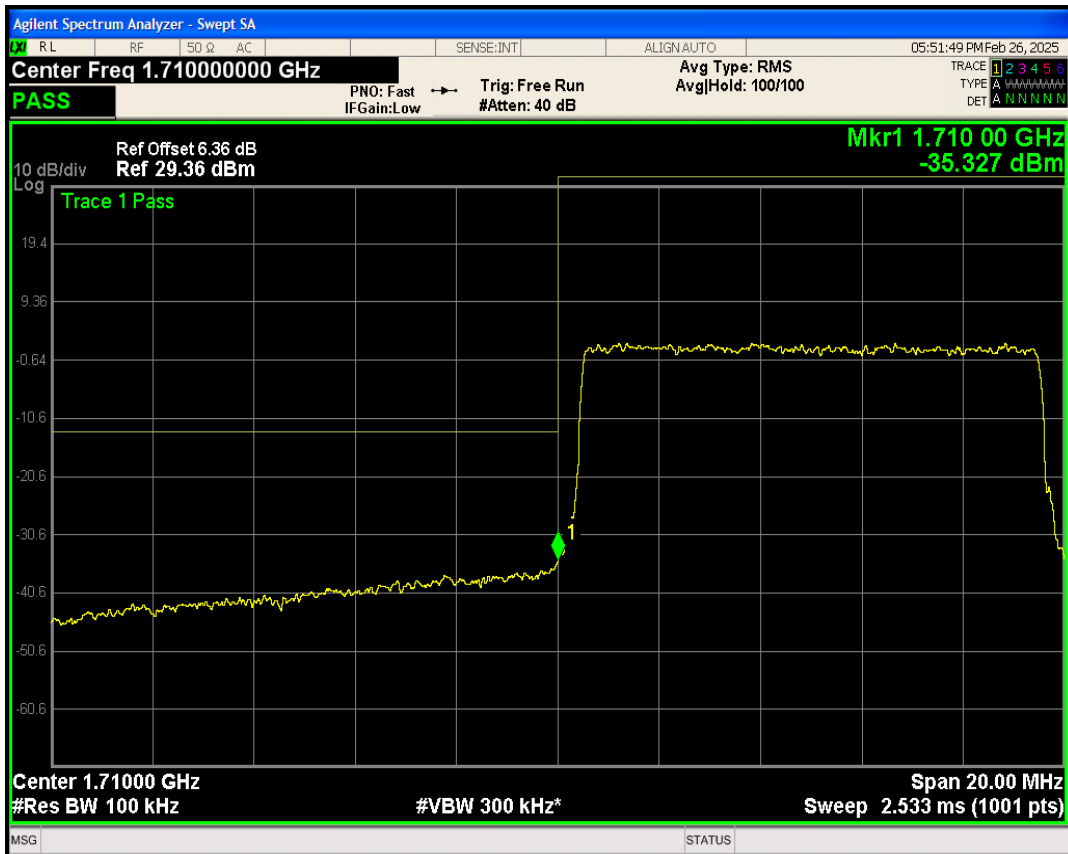
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



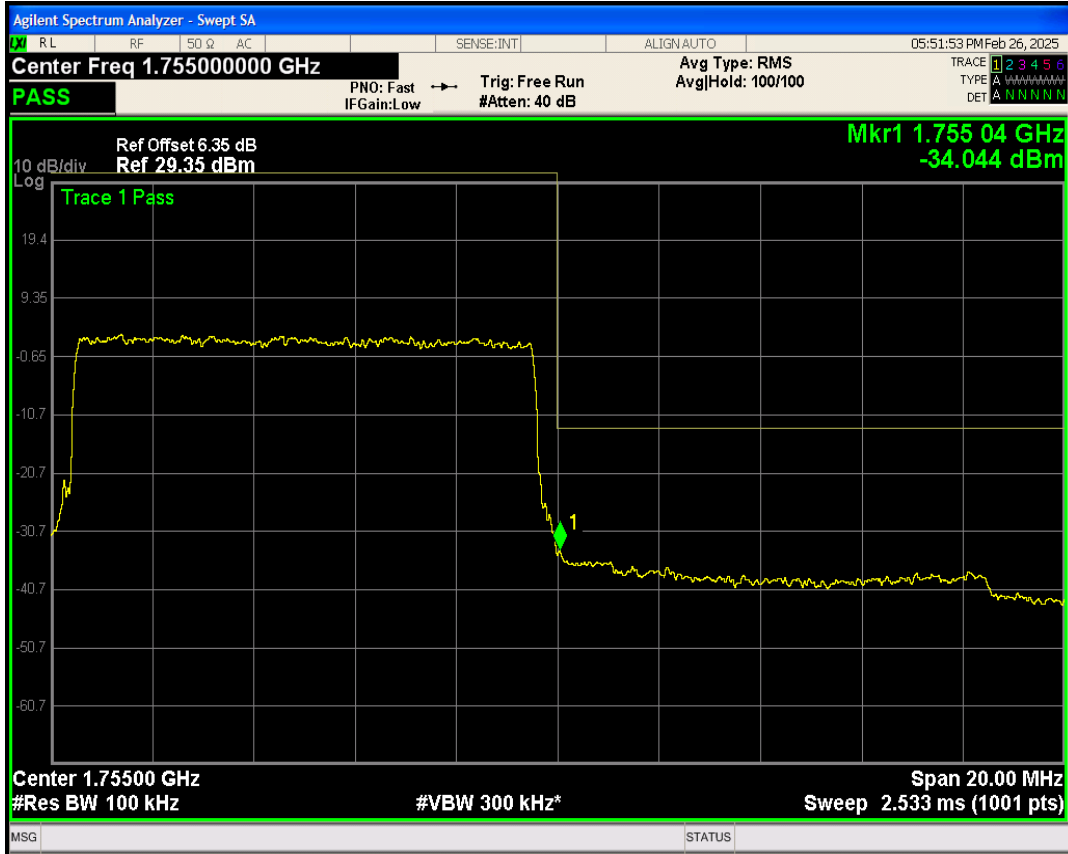
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



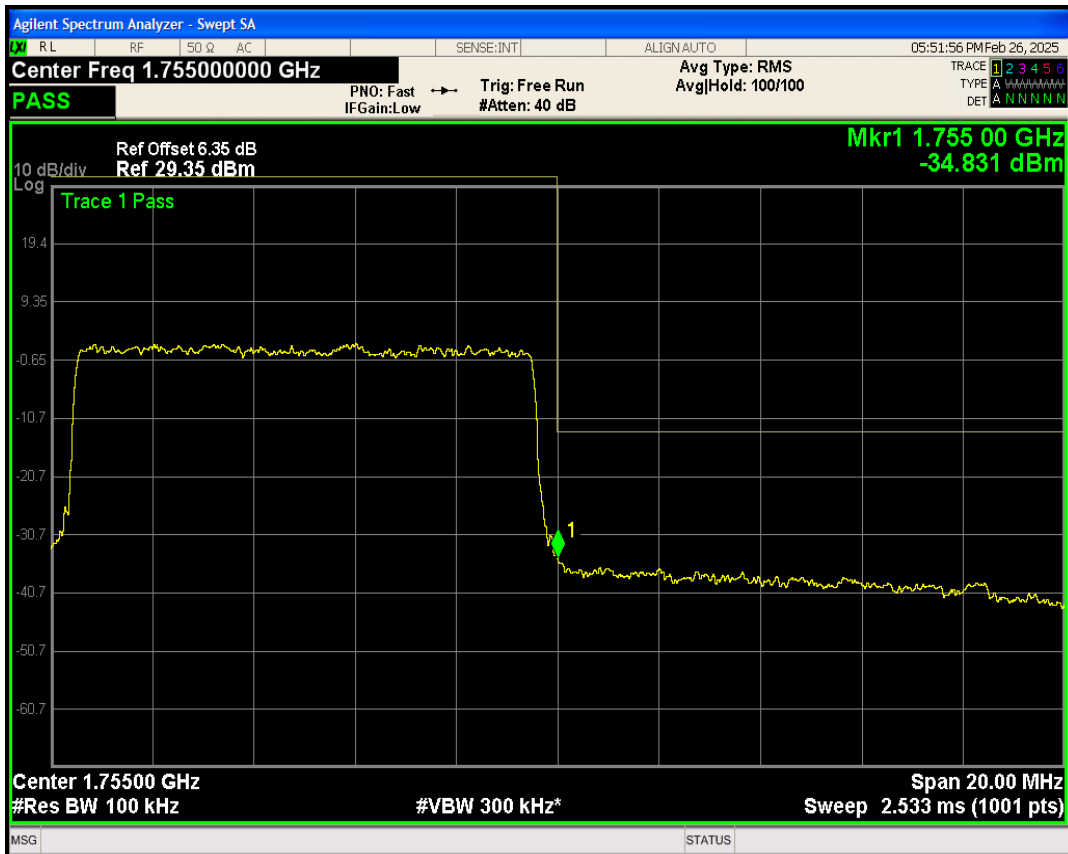
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



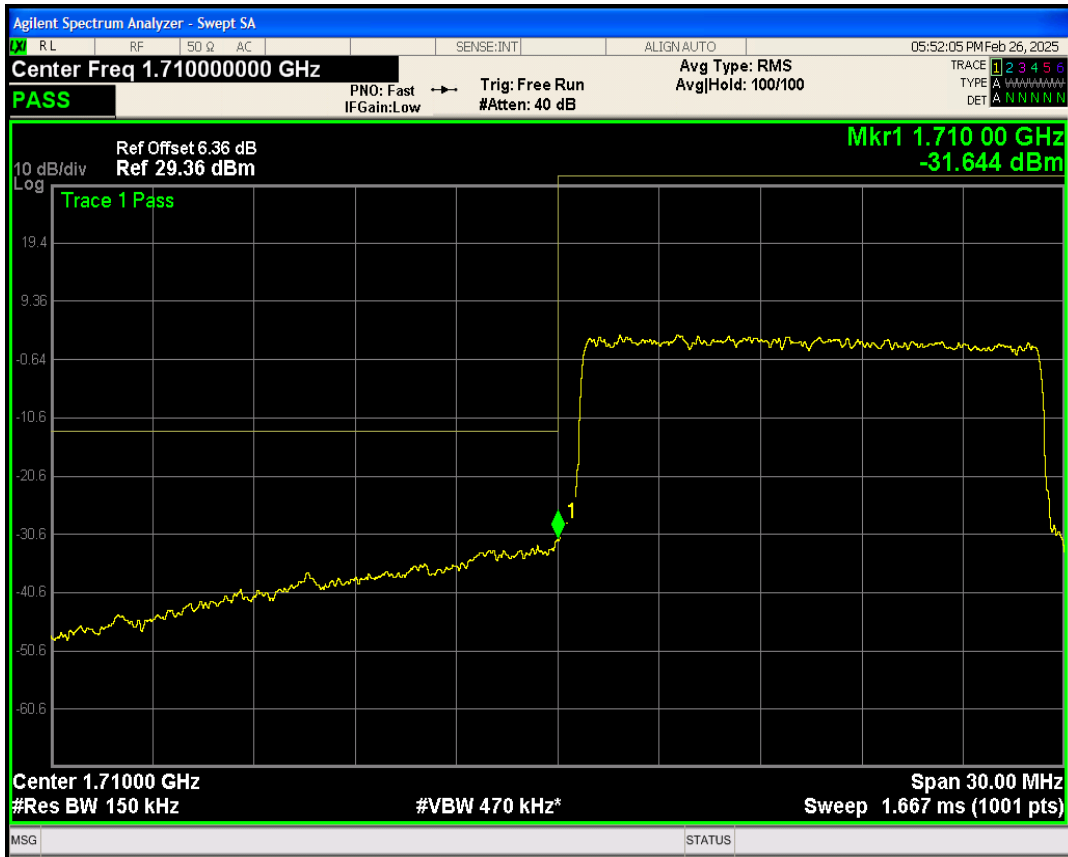
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



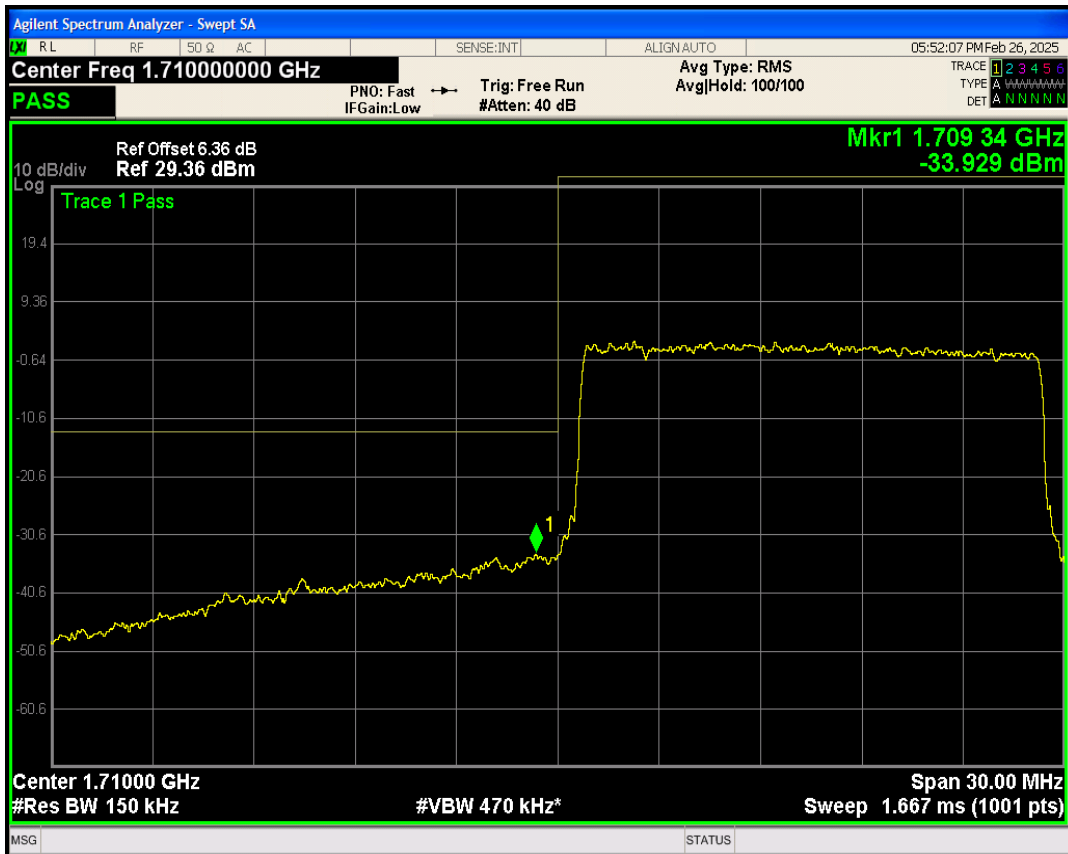
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



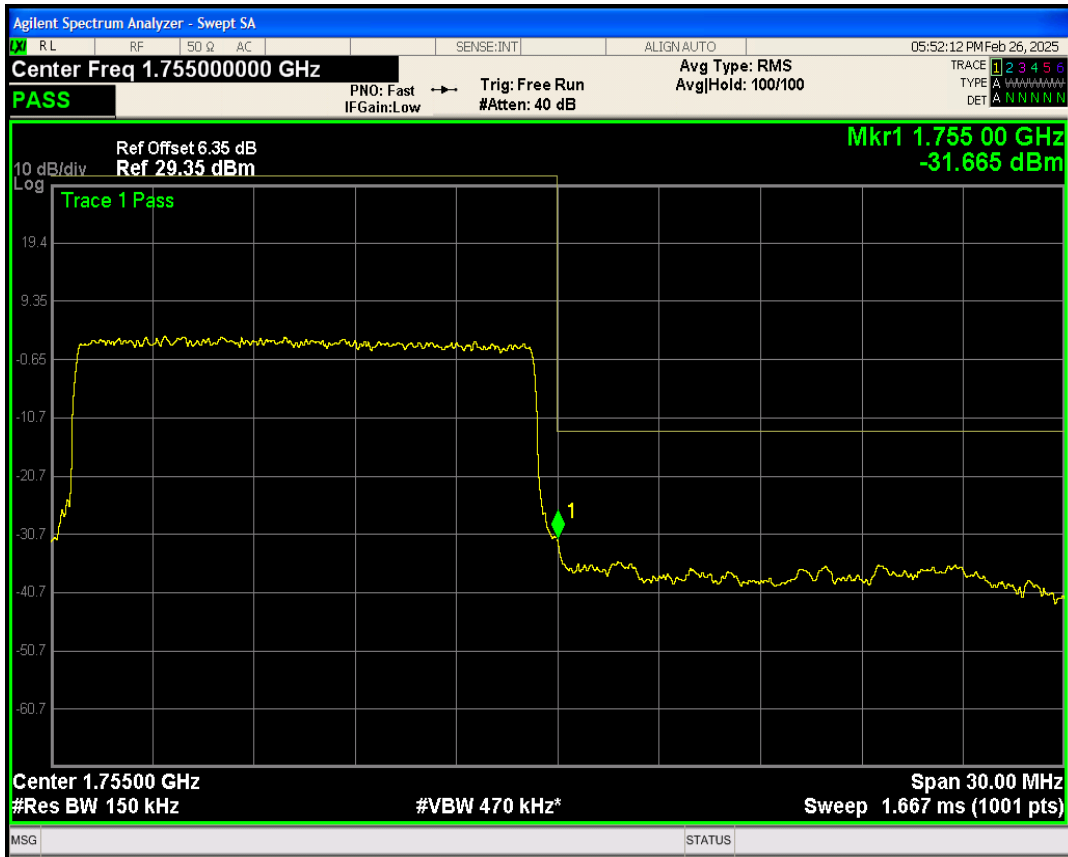
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



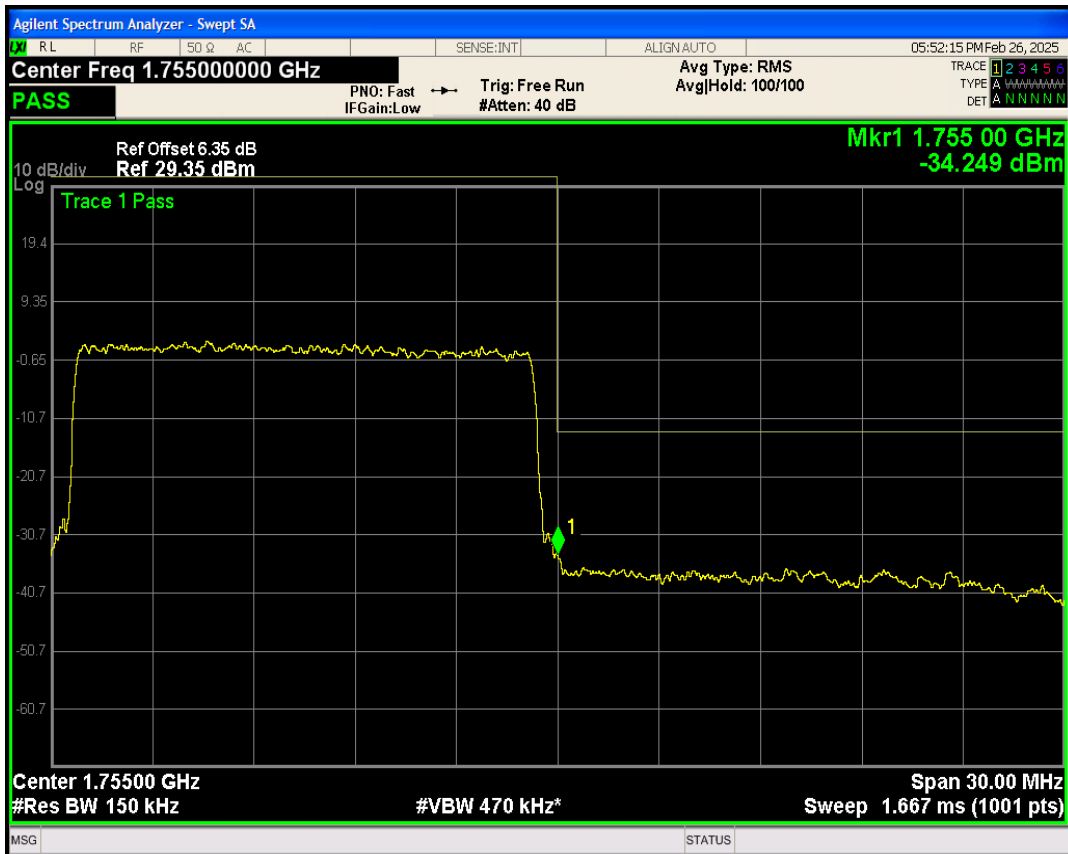
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



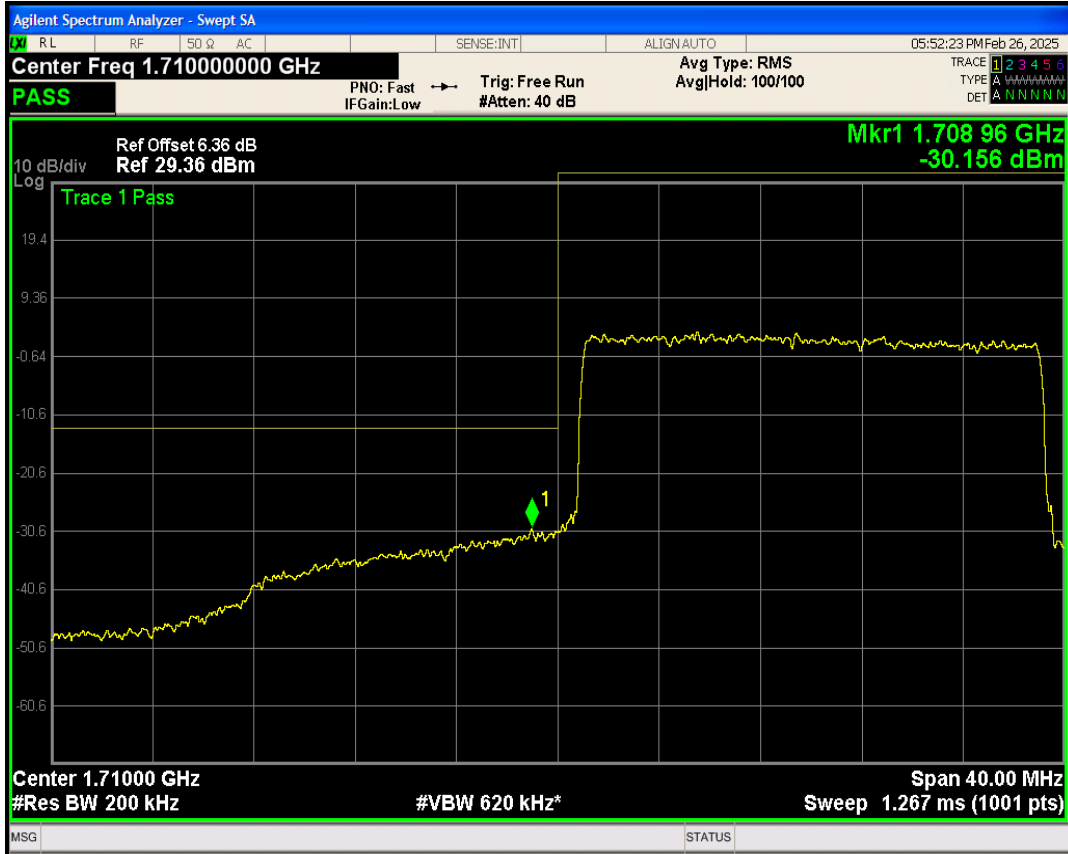
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



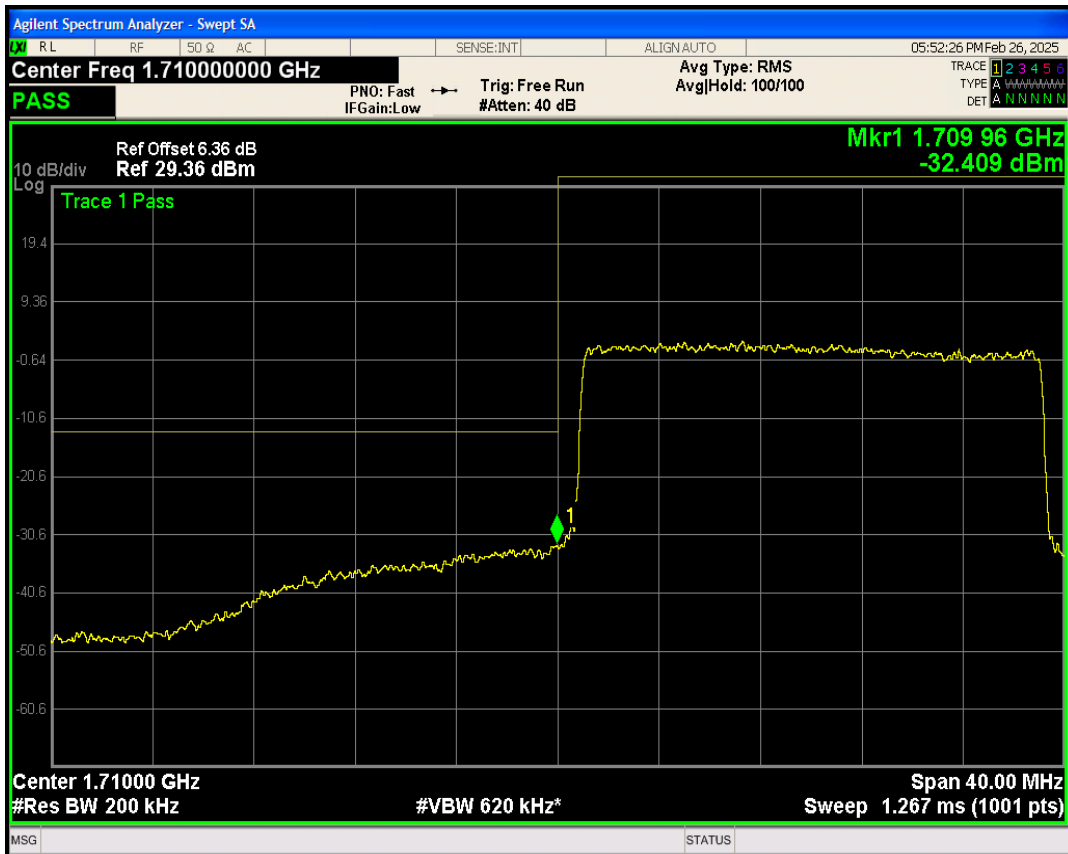
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



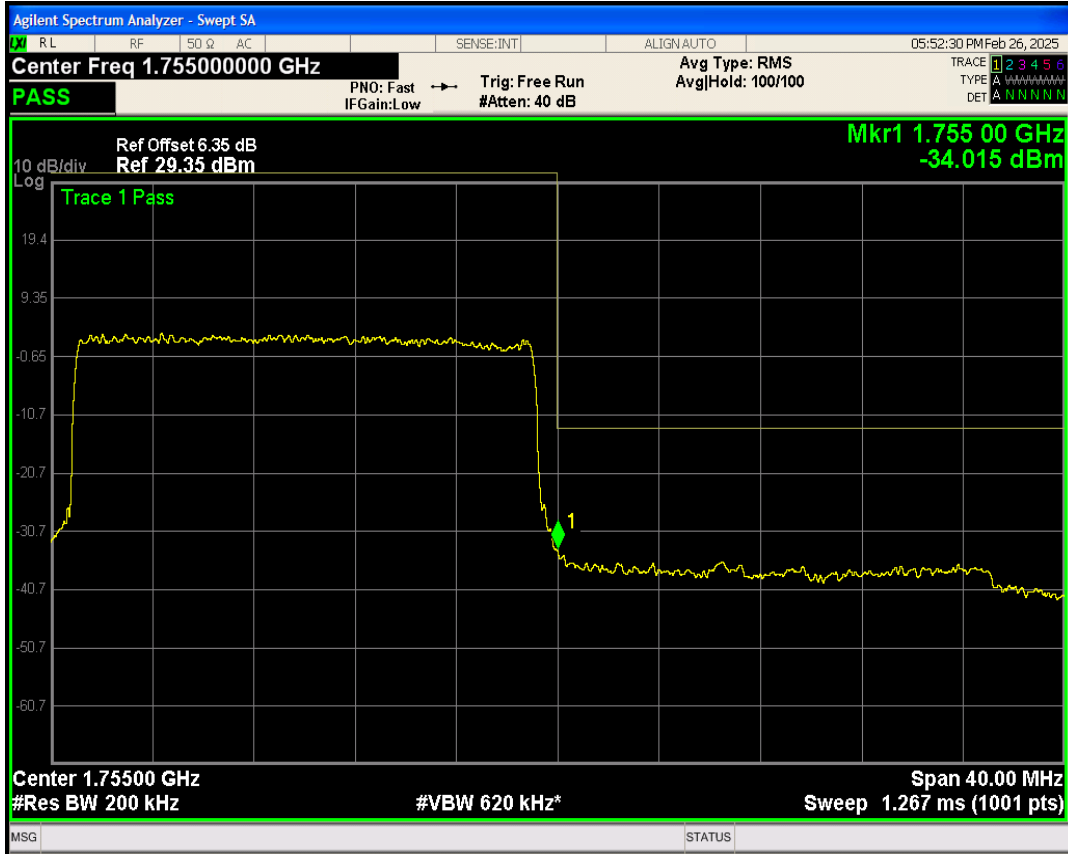
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



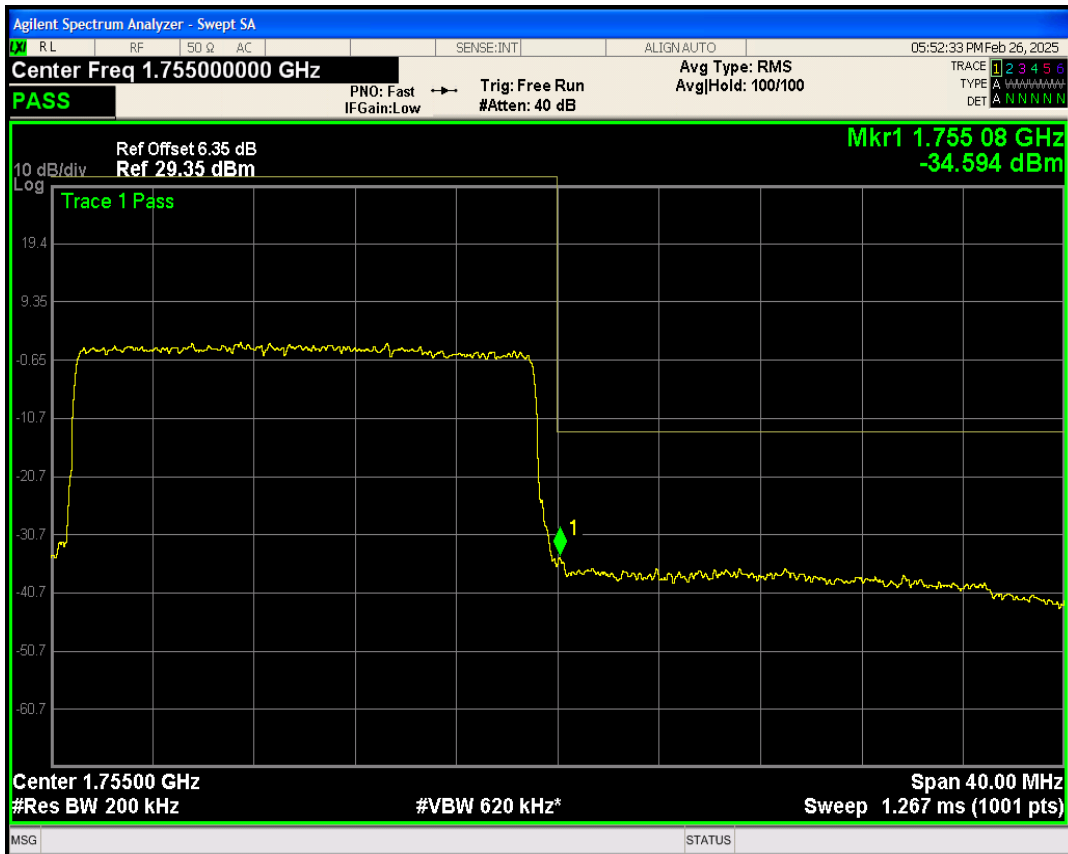
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



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



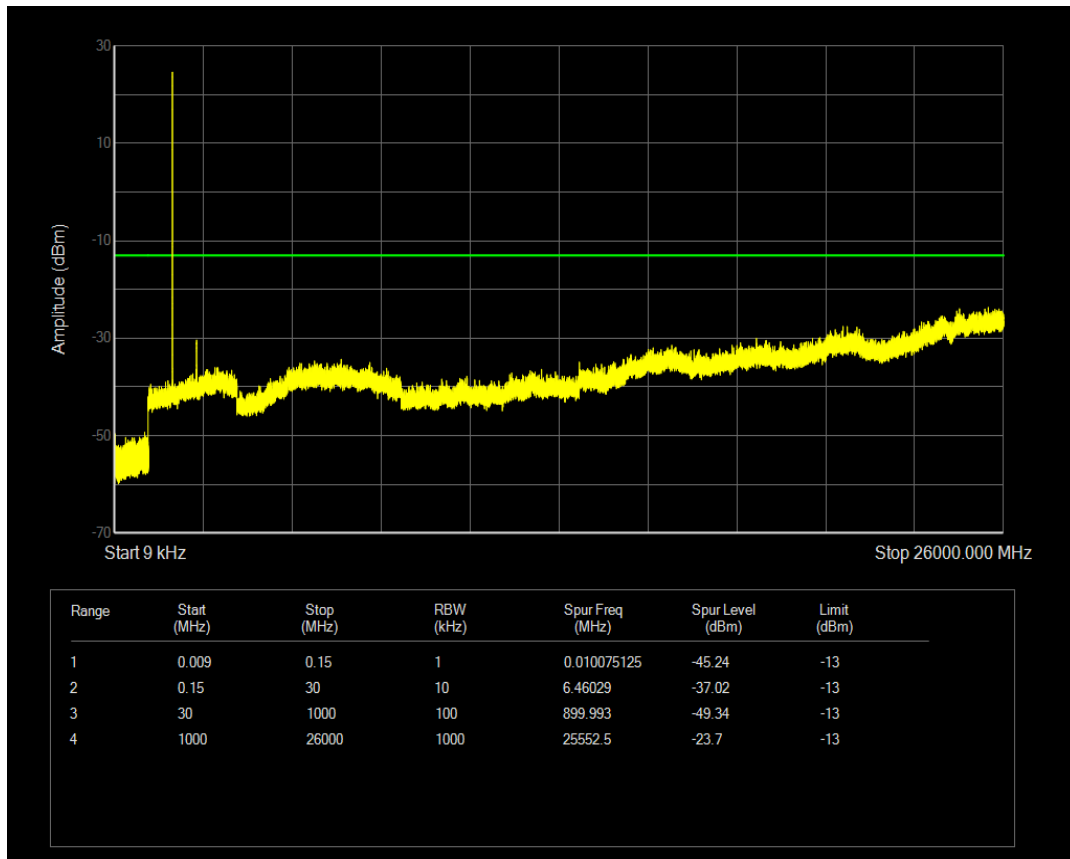
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



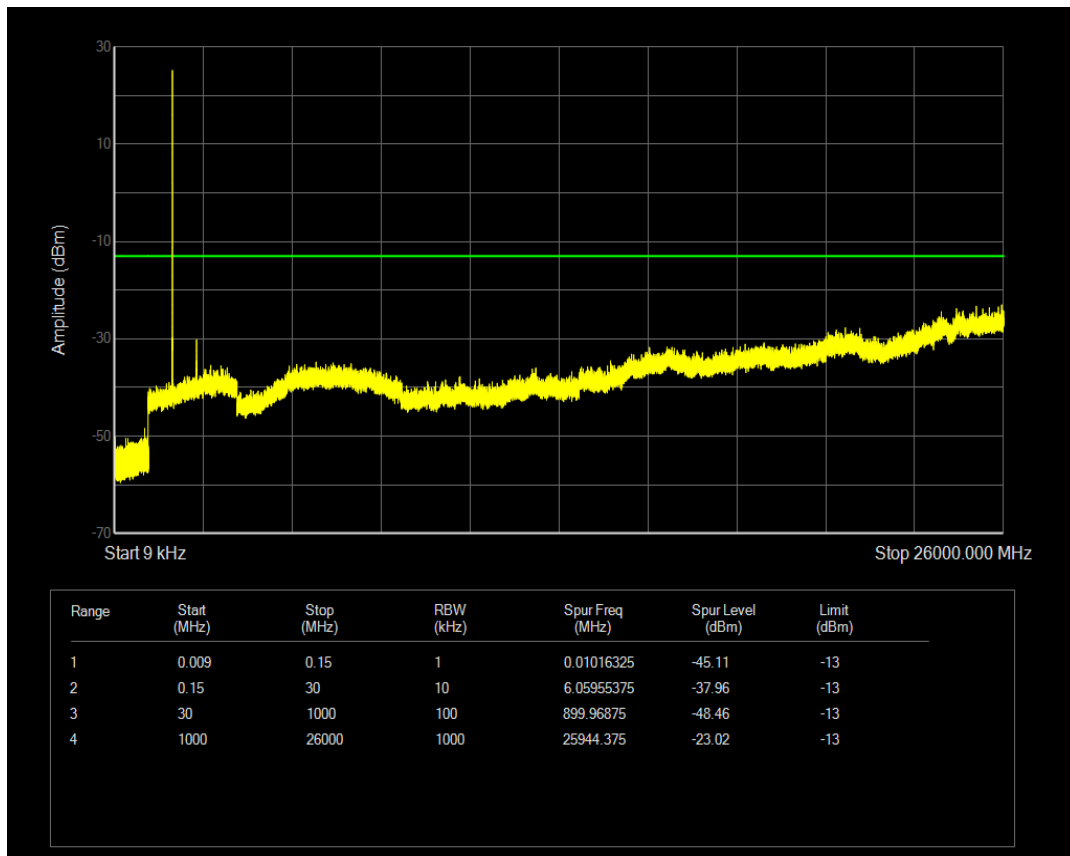
Appendix 6. Out-of-band emissions

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	25552.50	-23.70	-13	PASS
Band4	1.4	19957	6	#0	16QAM	25944.38	-23.02	-13	PASS
Band4	1.4	20175	6	#0	QPSK	25662.50	-23.40	-13	PASS
Band4	1.4	20175	6	#0	16QAM	25952.50	-23.26	-13	PASS
Band4	1.4	20393	6	#0	QPSK	24741.88	-23.09	-13	PASS
Band4	1.4	20393	6	#0	16QAM	25984.38	-23.70	-13	PASS
Band4	3	19965	15	#0	QPSK	26000.00	-22.76	-13	PASS
Band4	3	19965	15	#0	16QAM	25573.13	-23.03	-13	PASS
Band4	3	20175	15	#0	QPSK	25588.75	-23.14	-13	PASS
Band4	3	20175	15	#0	16QAM	25677.50	-23.49	-13	PASS
Band4	3	20385	15	#0	QPSK	25621.88	-22.45	-13	PASS
Band4	3	20385	15	#0	16QAM	25983.13	-22.83	-13	PASS
Band4	5	19975	25	#0	QPSK	25876.25	-23.05	-13	PASS
Band4	5	19975	25	#0	16QAM	24681.88	-23.10	-13	PASS
Band4	5	20175	25	#0	QPSK	25318.13	-23.81	-13	PASS
Band4	5	20175	25	#0	16QAM	25709.38	-23.38	-13	PASS
Band4	5	20375	25	#0	QPSK	25752.50	-23.46	-13	PASS
Band4	5	20375	25	#0	16QAM	25100.00	-22.92	-13	PASS
Band4	10	20000	50	#0	QPSK	25525.63	-22.60	-13	PASS
Band4	10	20000	50	#0	16QAM	25784.38	-23.01	-13	PASS
Band4	10	20175	50	#0	QPSK	24750.63	-23.65	-13	PASS
Band4	10	20175	50	#0	16QAM	25691.25	-22.55	-13	PASS
Band4	10	20350	50	#0	QPSK	25531.25	-23.34	-13	PASS
Band4	10	20350	50	#0	16QAM	25598.75	-22.37	-13	PASS
Band4	15	20025	75	#0	QPSK	25770.00	-22.98	-13	PASS
Band4	15	20025	75	#0	16QAM	25432.50	-23.20	-13	PASS
Band4	15	20175	75	#0	QPSK	25519.38	-23.81	-13	PASS
Band4	15	20175	75	#0	16QAM	25486.88	-23.64	-13	PASS
Band4	15	20325	75	#0	QPSK	25866.25	-23.85	-13	PASS
Band4	15	20325	75	#0	16QAM	25735.63	-23.32	-13	PASS
Band4	20	20050	100	#0	QPSK	25907.50	-23.08	-13	PASS
Band4	20	20050	100	#0	16QAM	25689.38	-23.73	-13	PASS
Band4	20	20175	100	#0	QPSK	25992.50	-23.24	-13	PASS
Band4	20	20175	100	#0	16QAM	25735.00	-23.76	-13	PASS
Band4	20	20300	100	#0	QPSK	25603.13	-23.36	-13	PASS
Band4	20	20300	100	#0	16QAM	25448.75	-23.28	-13	PASS

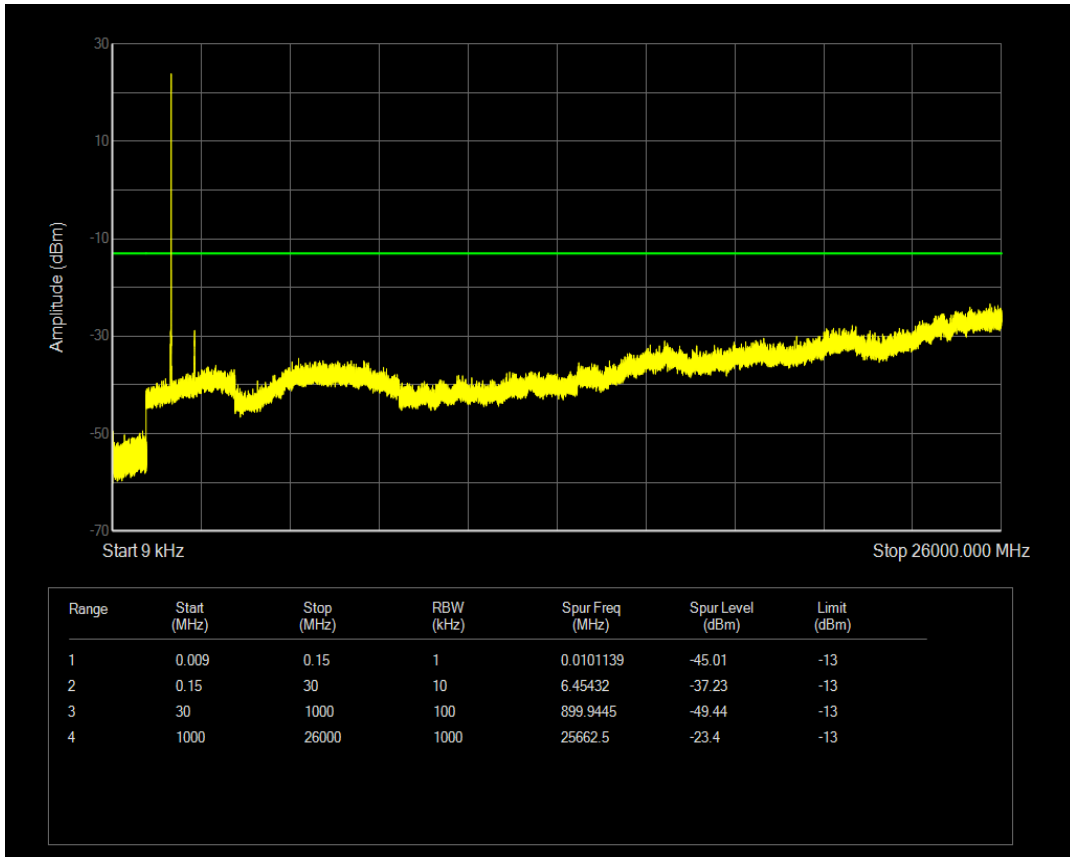
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



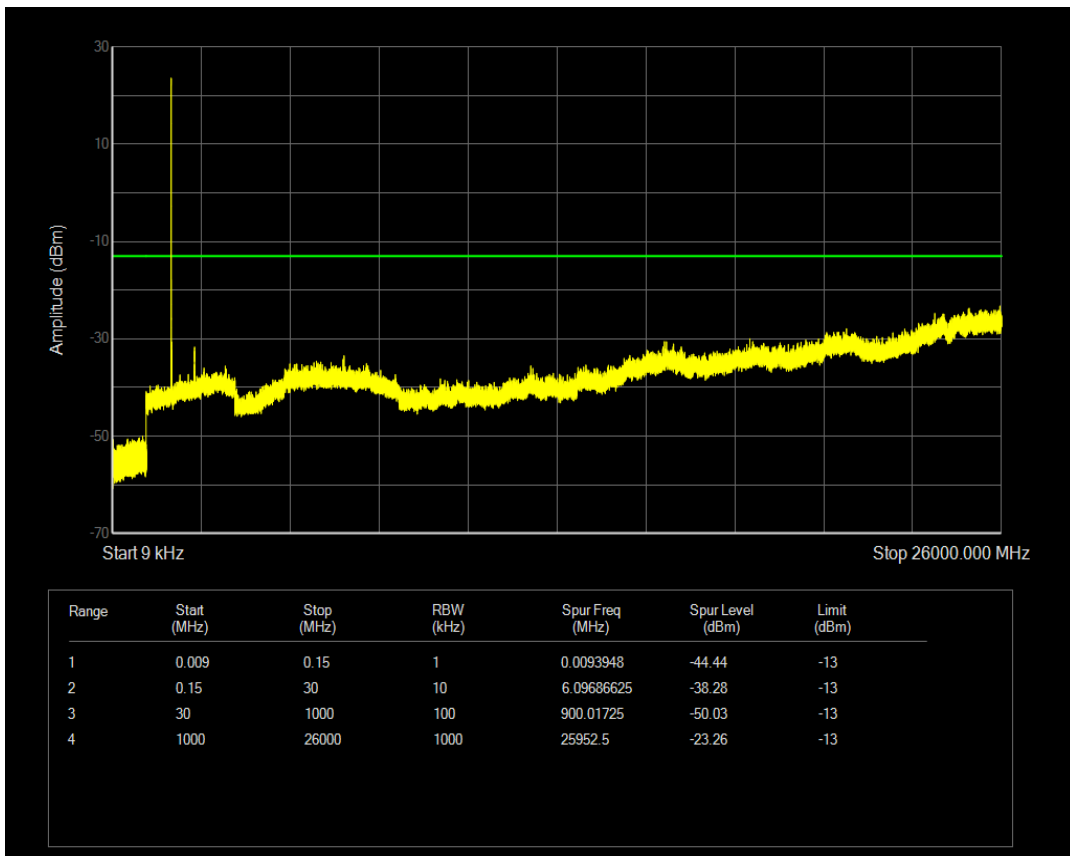
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



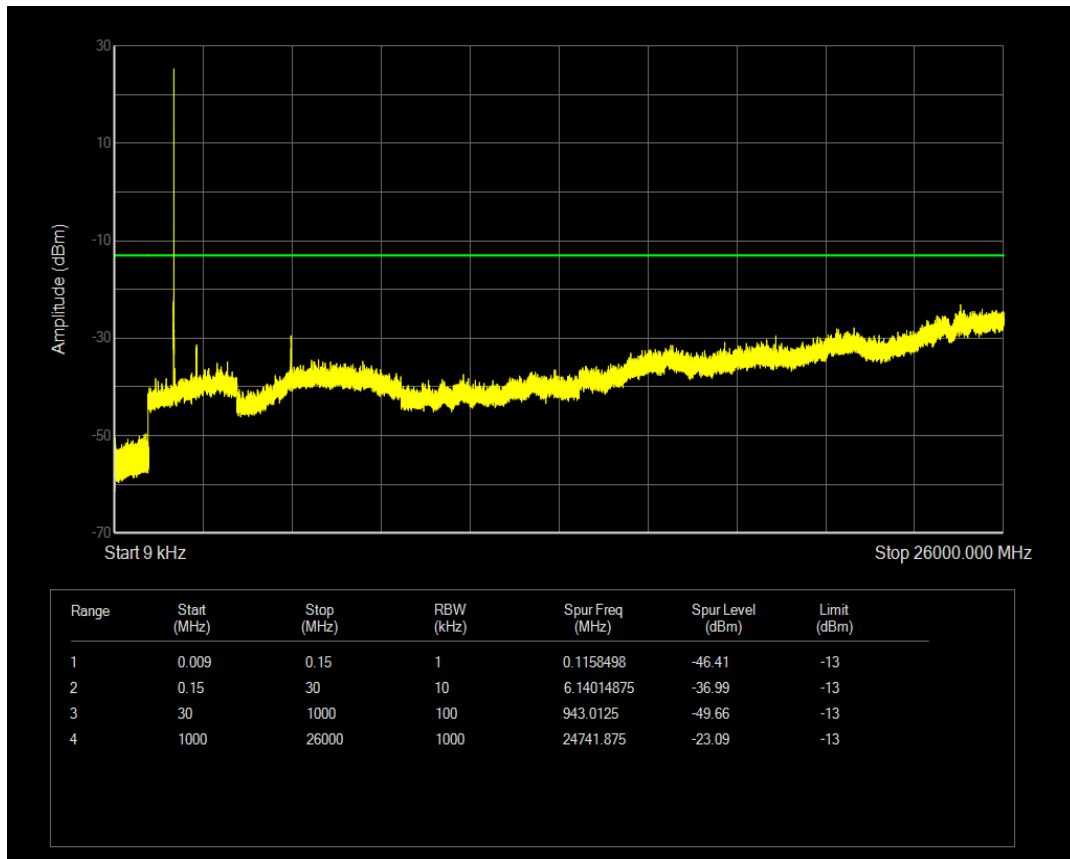
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



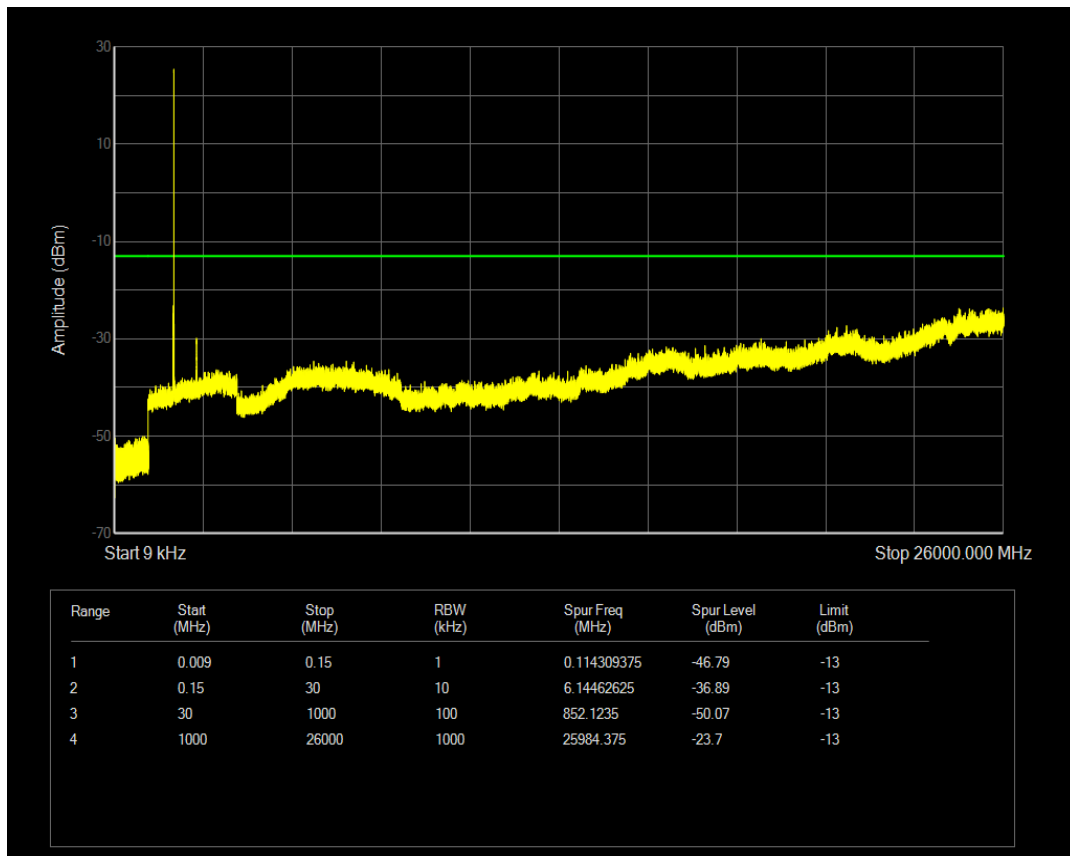
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



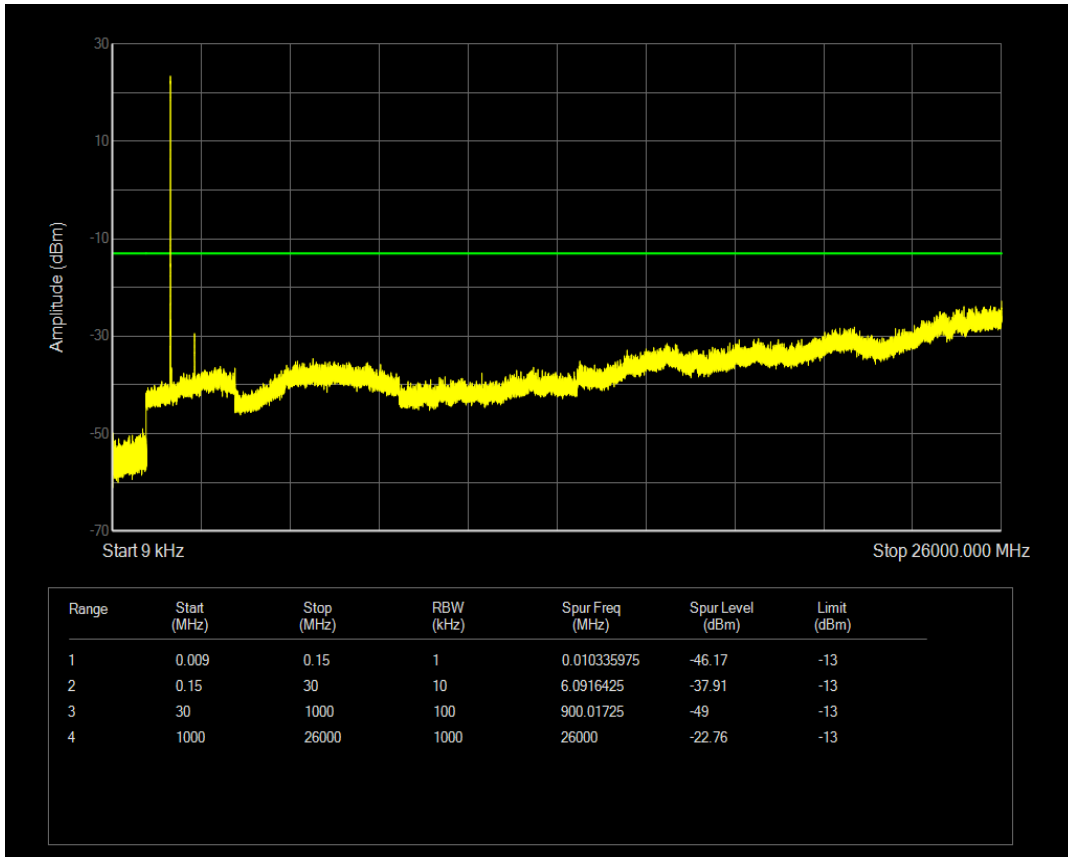
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



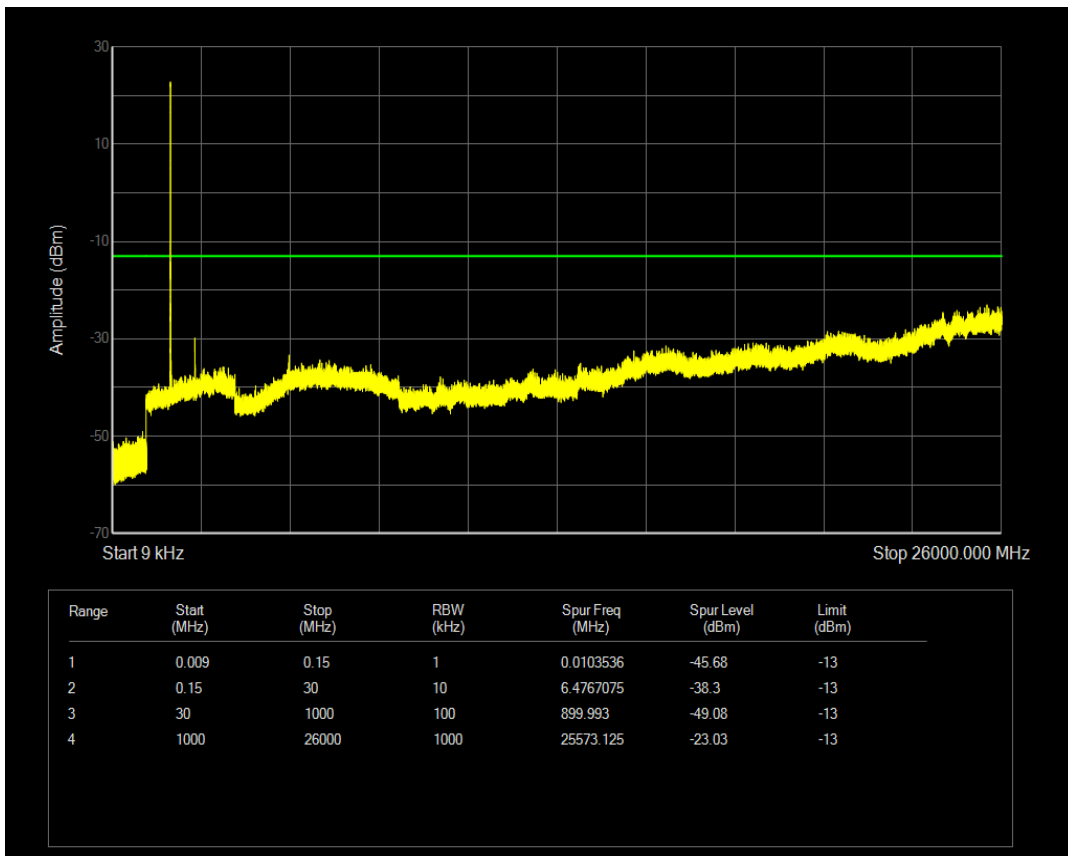
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



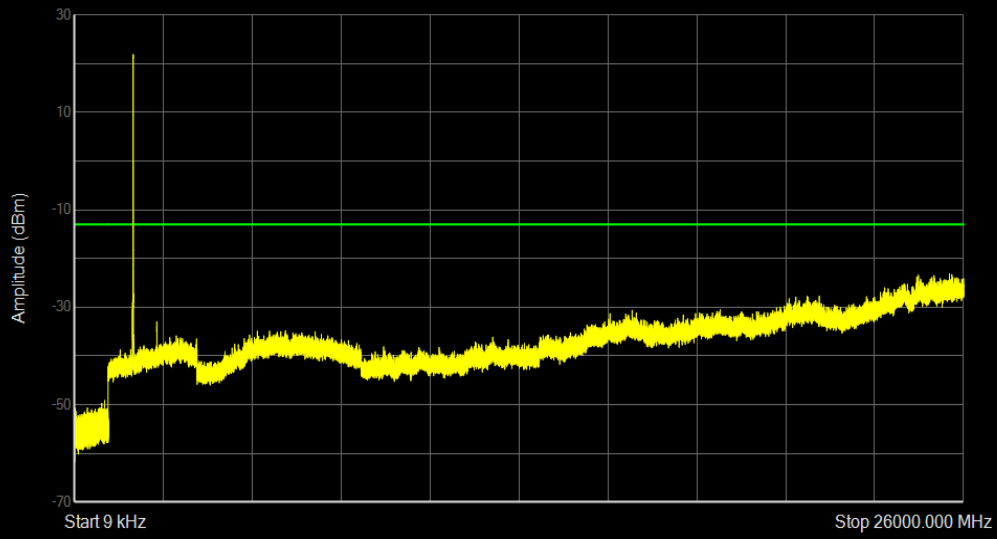
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



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

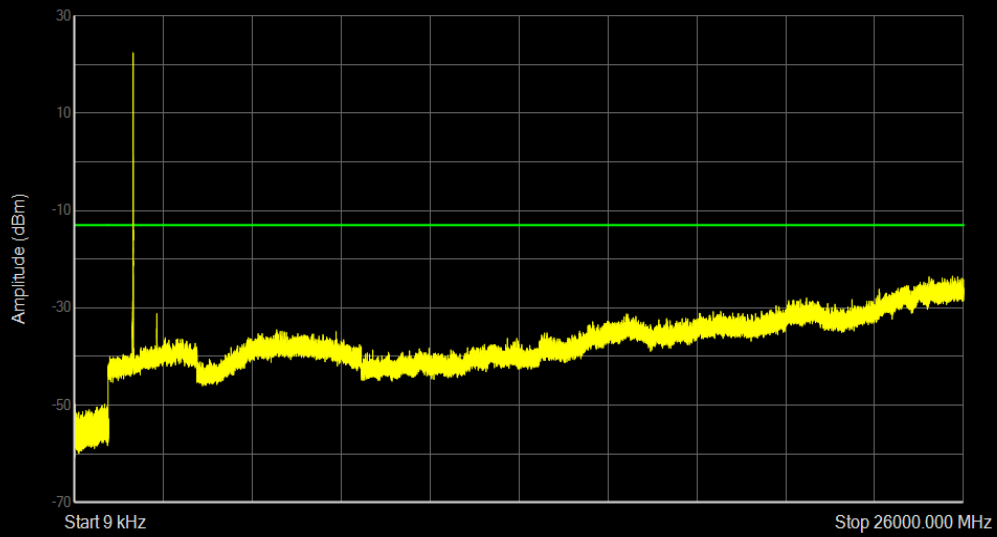


Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



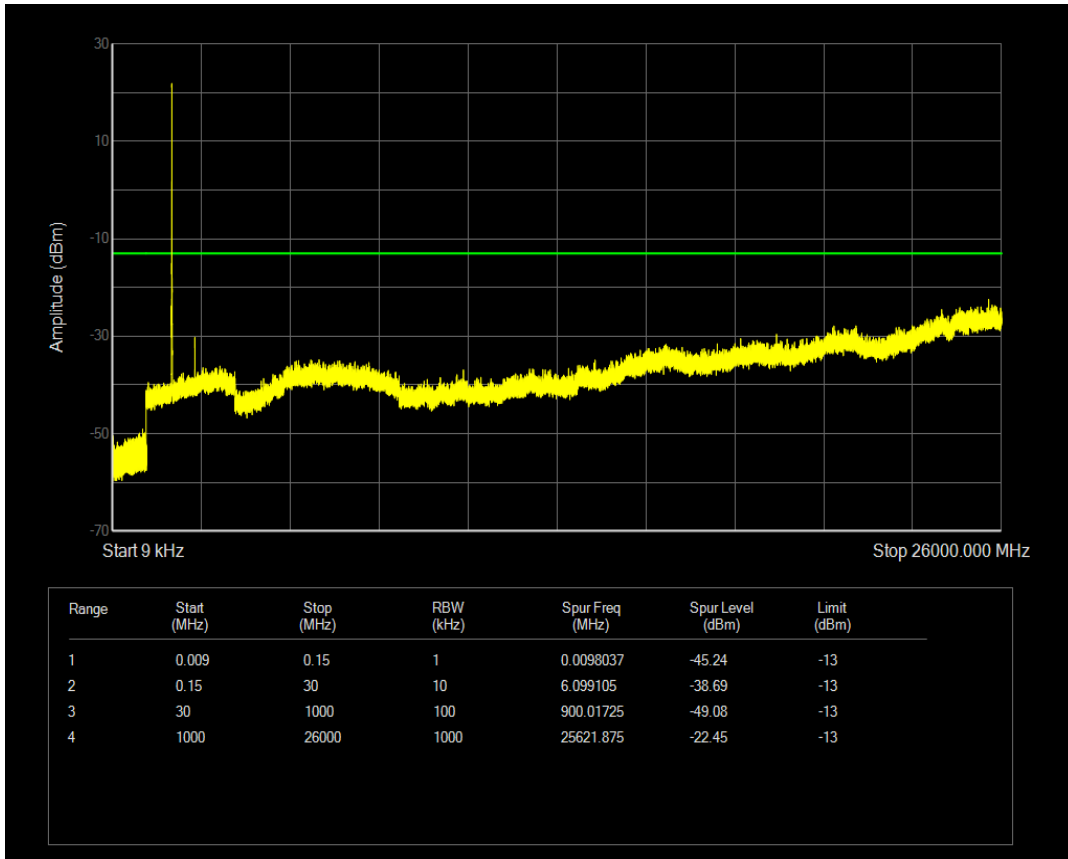
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009574575	-44.9	-13
2	0.15	30	10	6.46999125	-37.45	-13
3	30	1000	100	900.01725	-49.14	-13
4	1000	26000	1000	25588.75	-23.14	-13

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

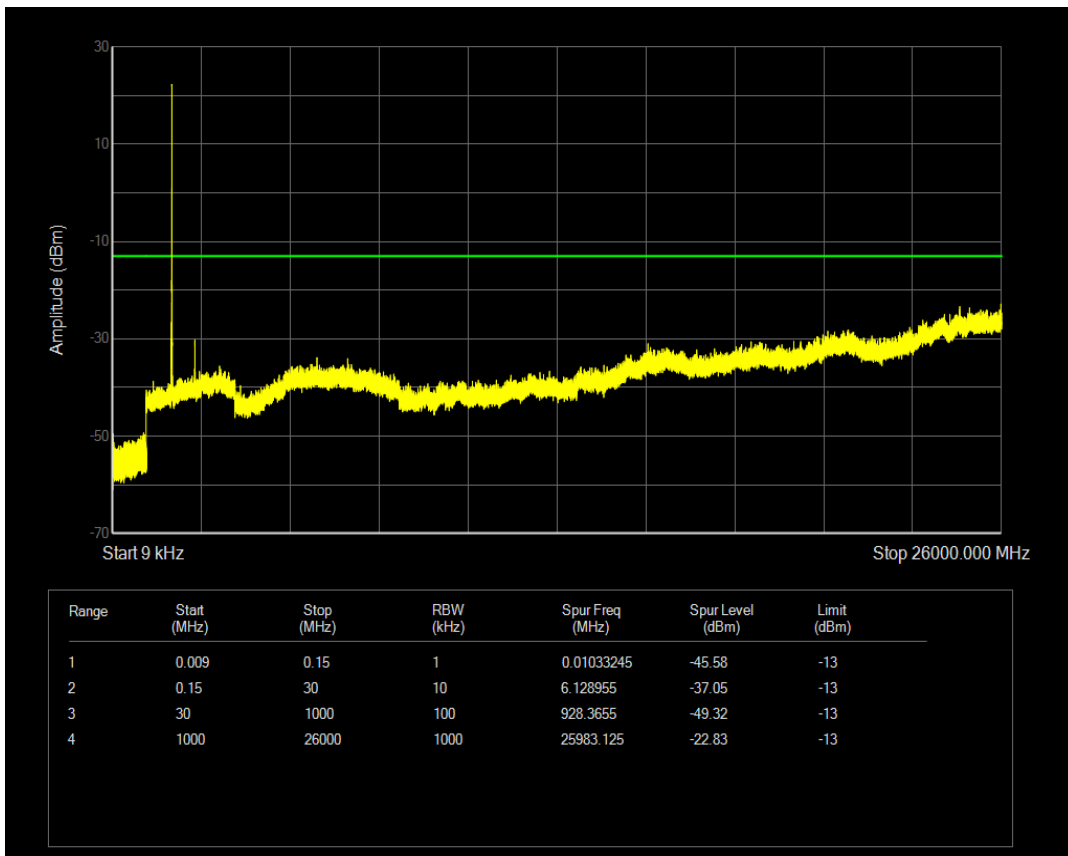


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11964975	-46.32	-13
2	0.15	30	10	6.1423875	-37.46	-13
3	30	1000	100	900.01725	-49.79	-13
4	1000	26000	1000	25677.5	-23.49	-13

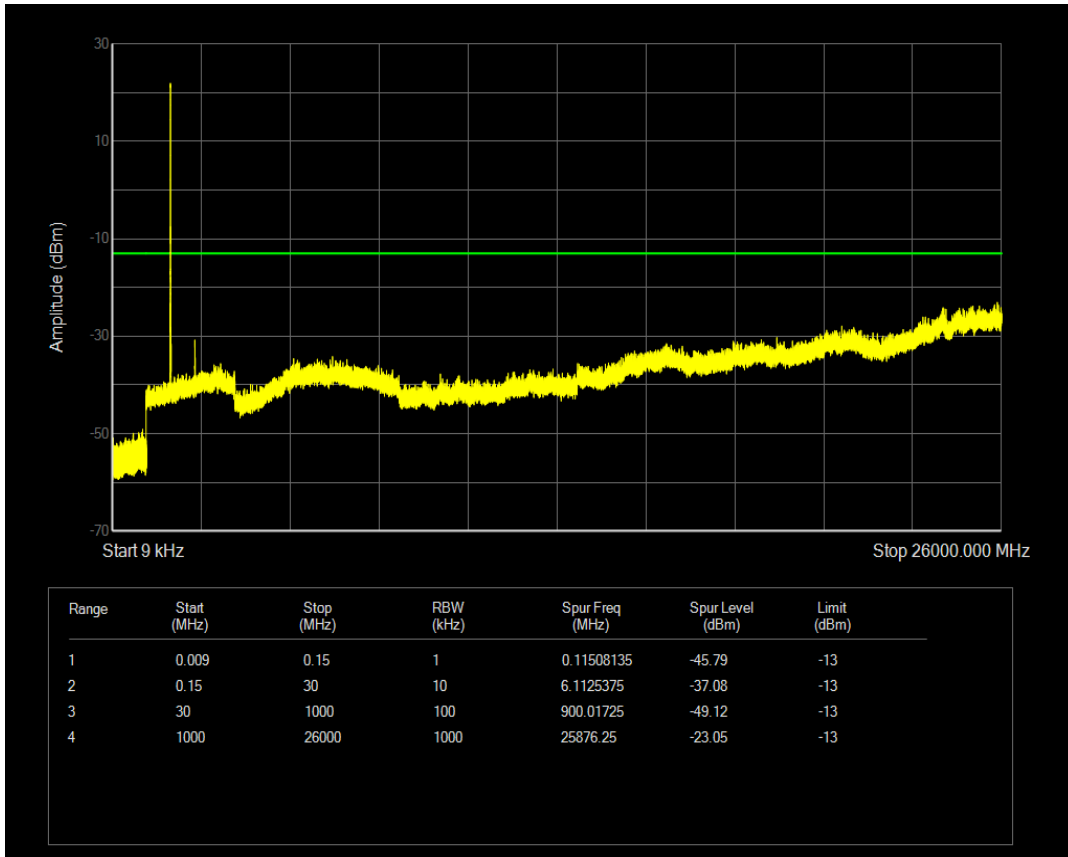
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



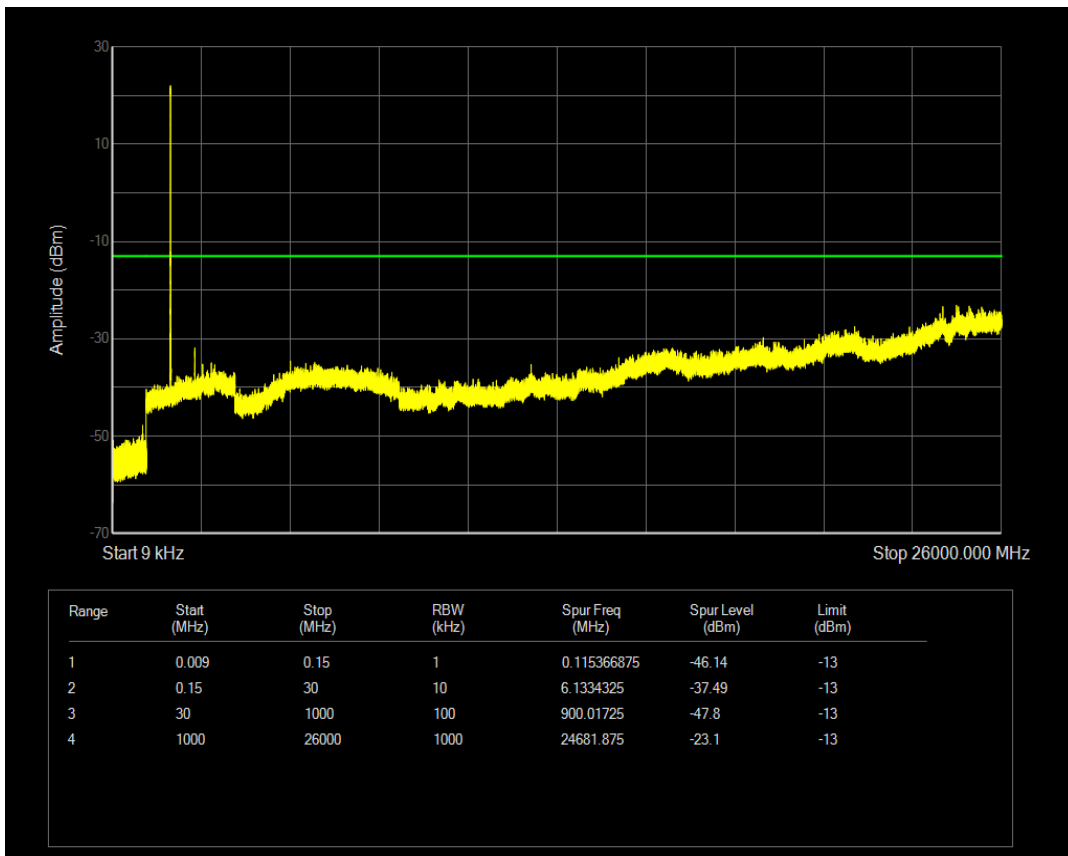
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



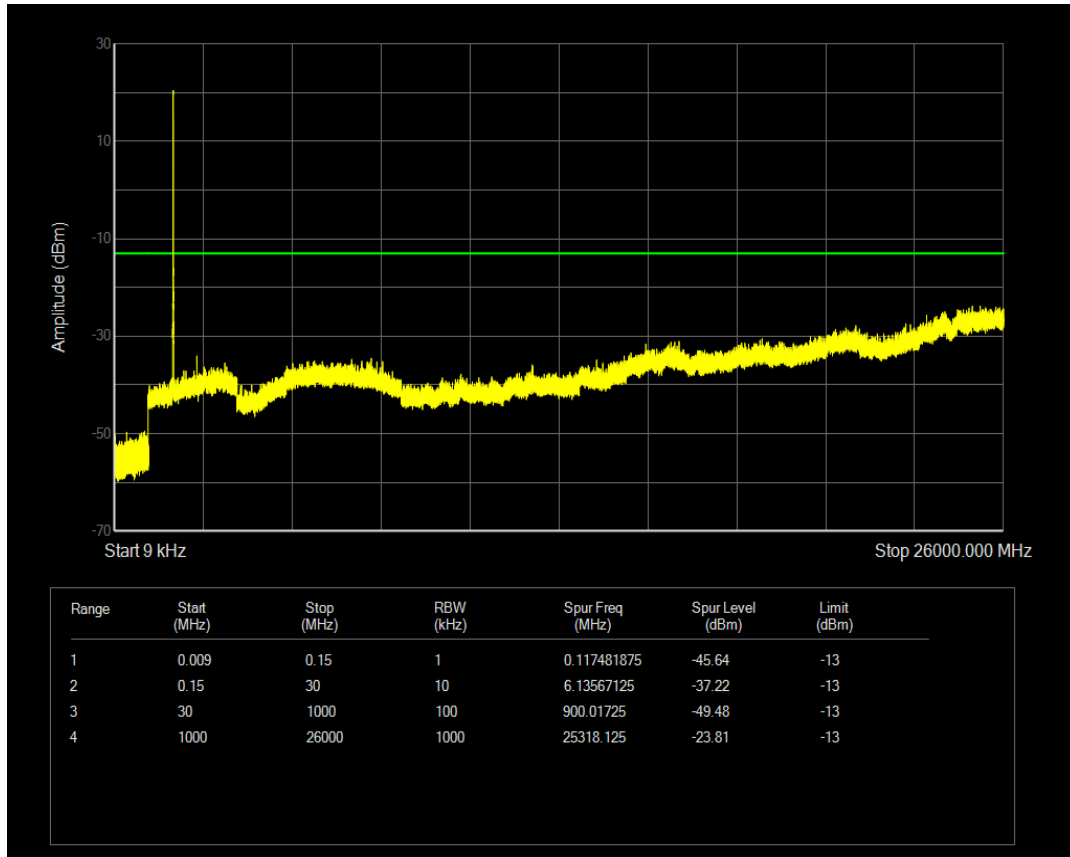
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



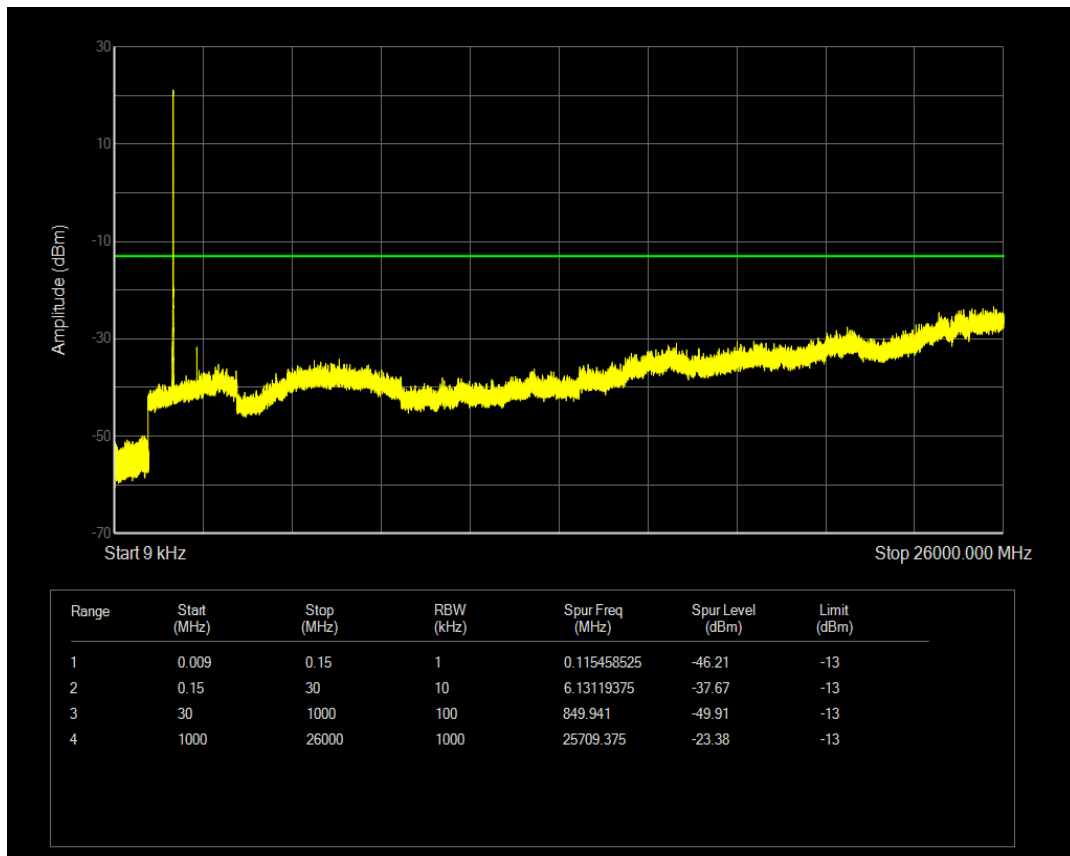
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



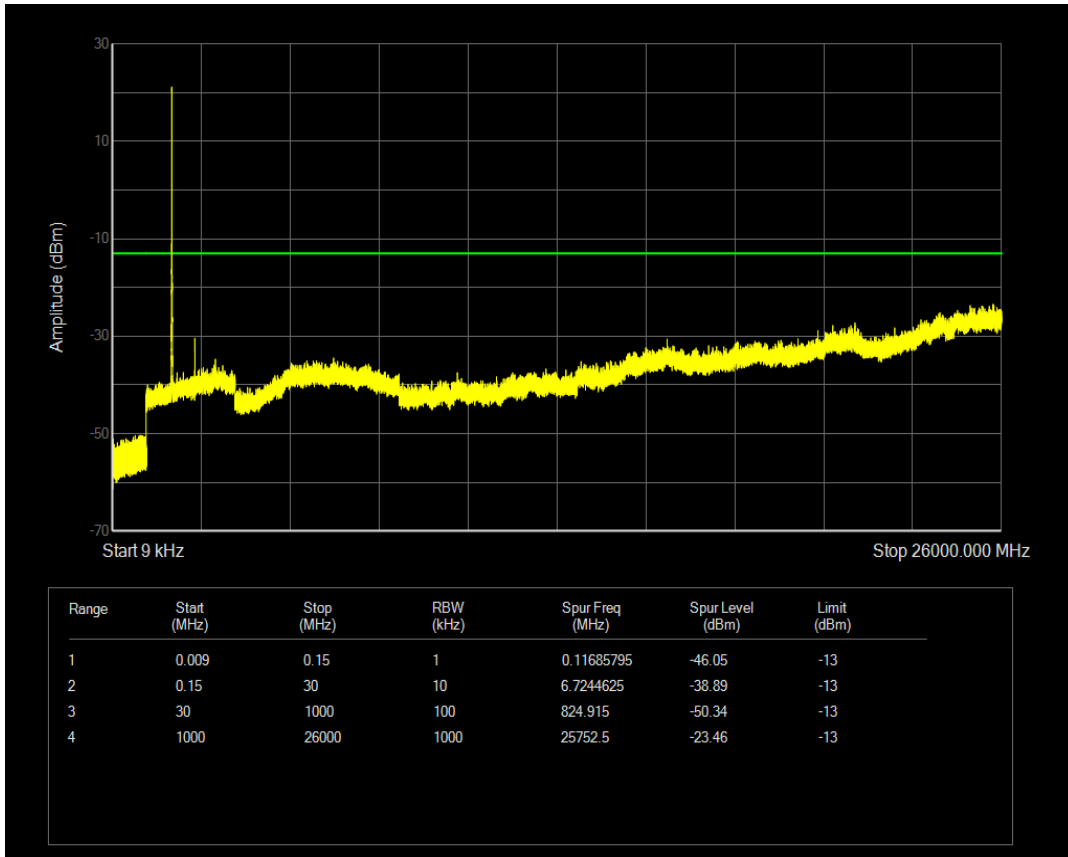
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



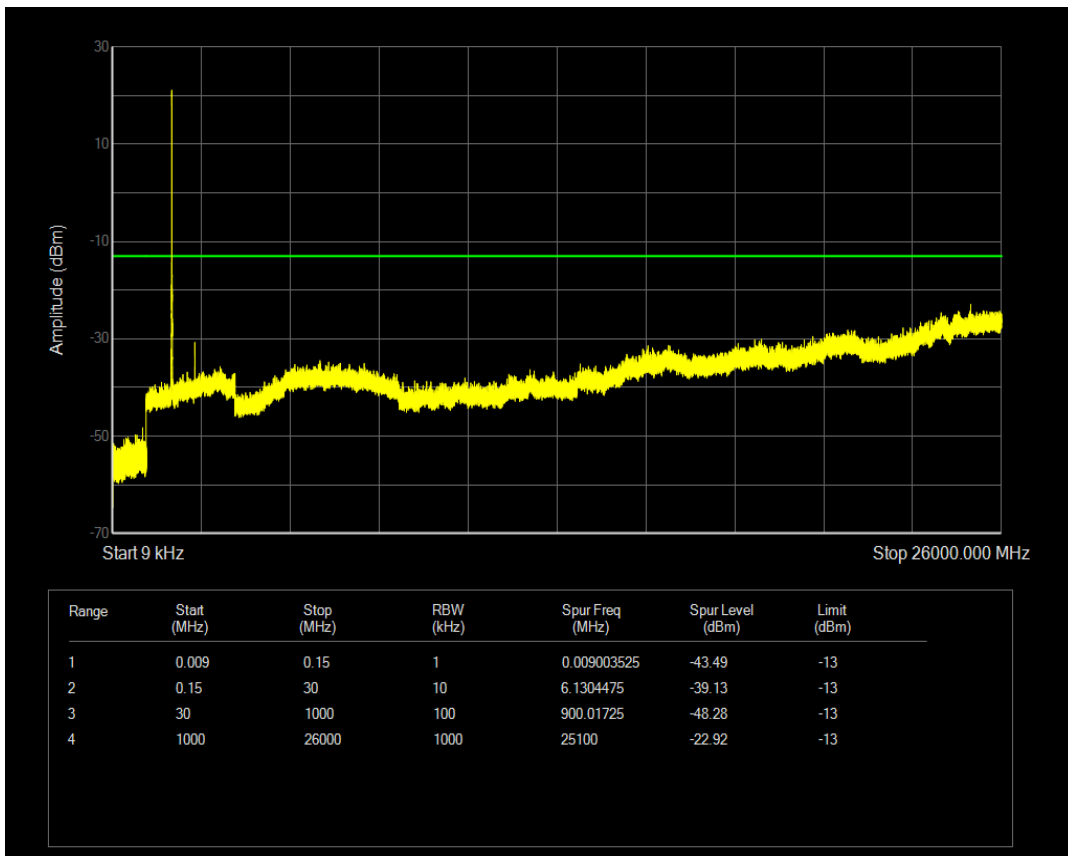
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



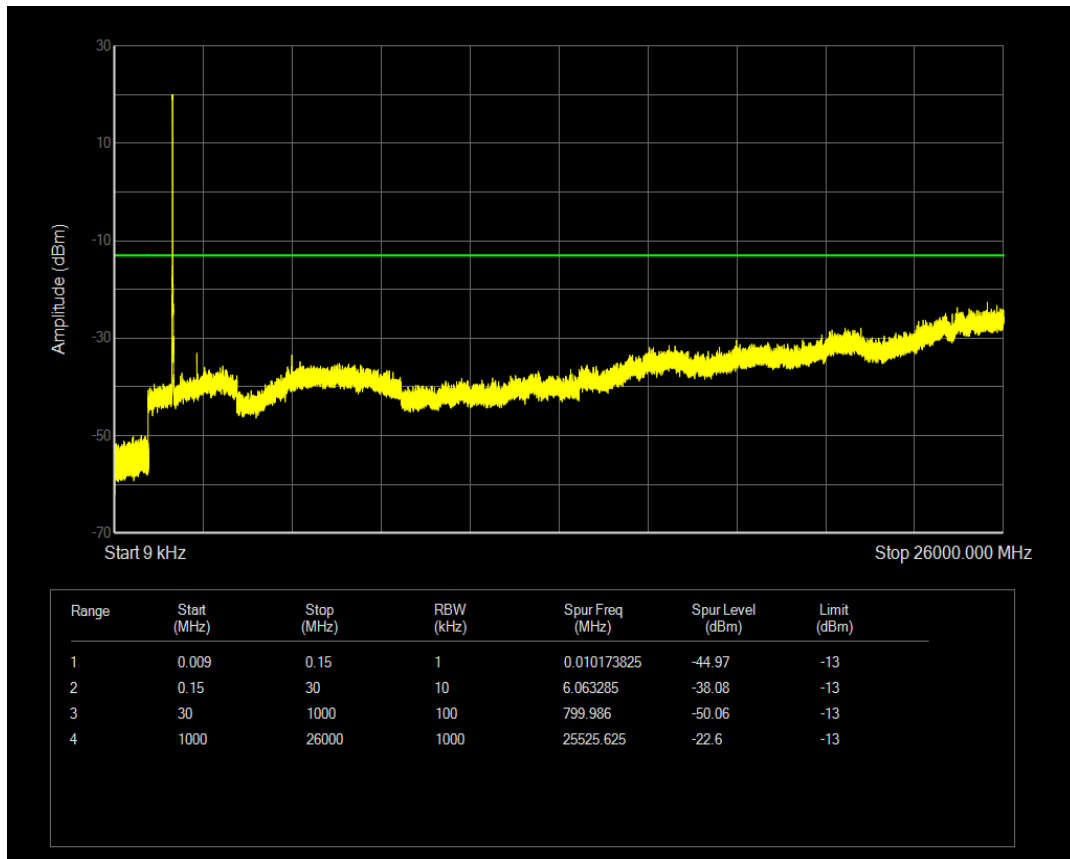
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



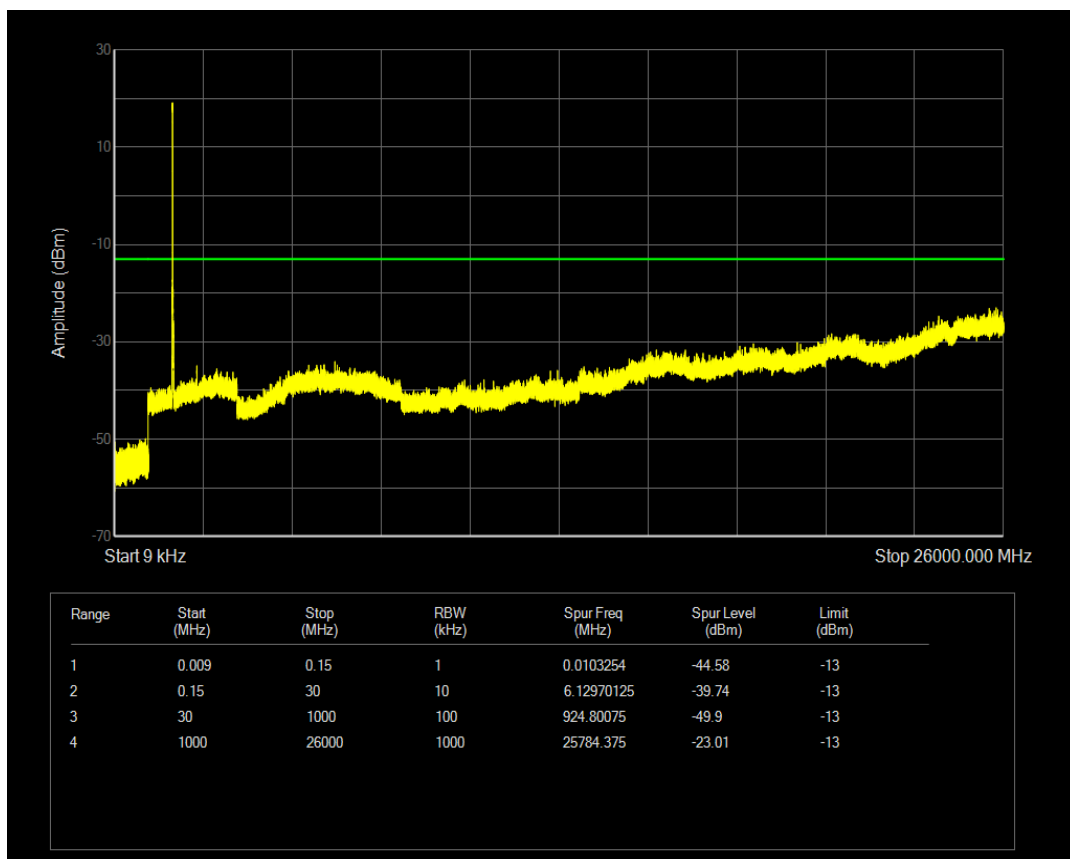
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



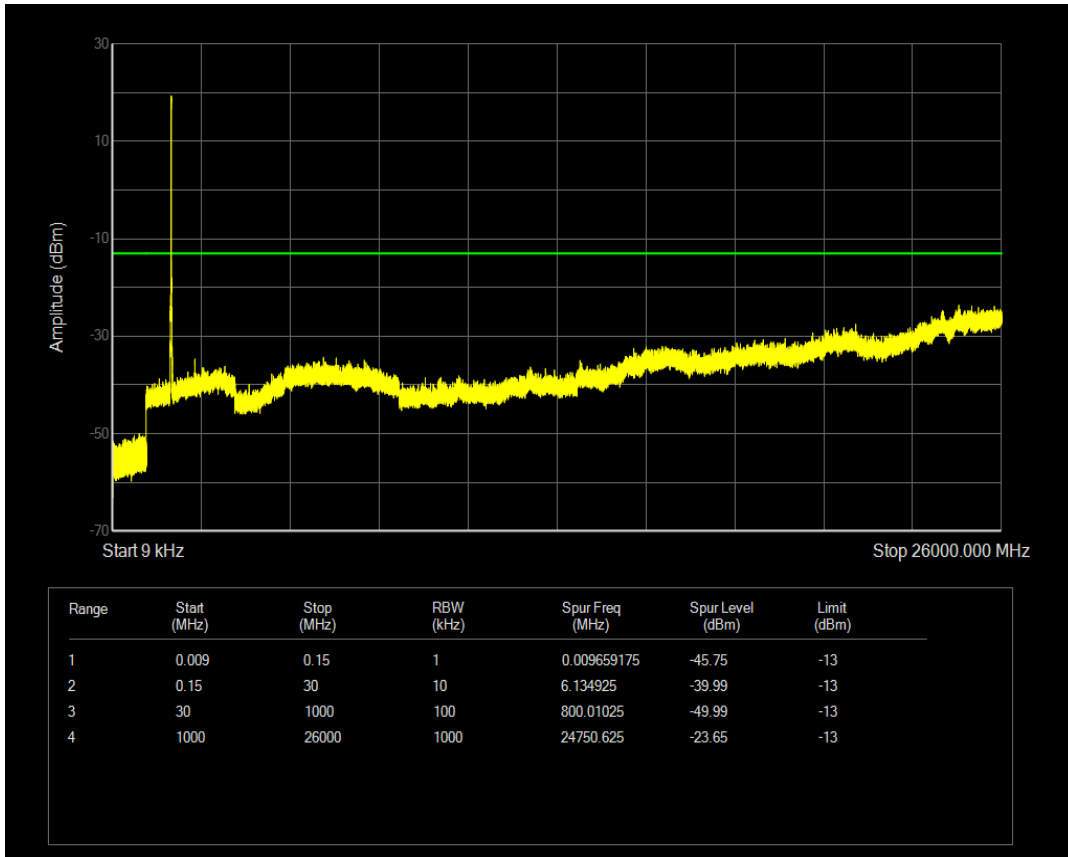
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



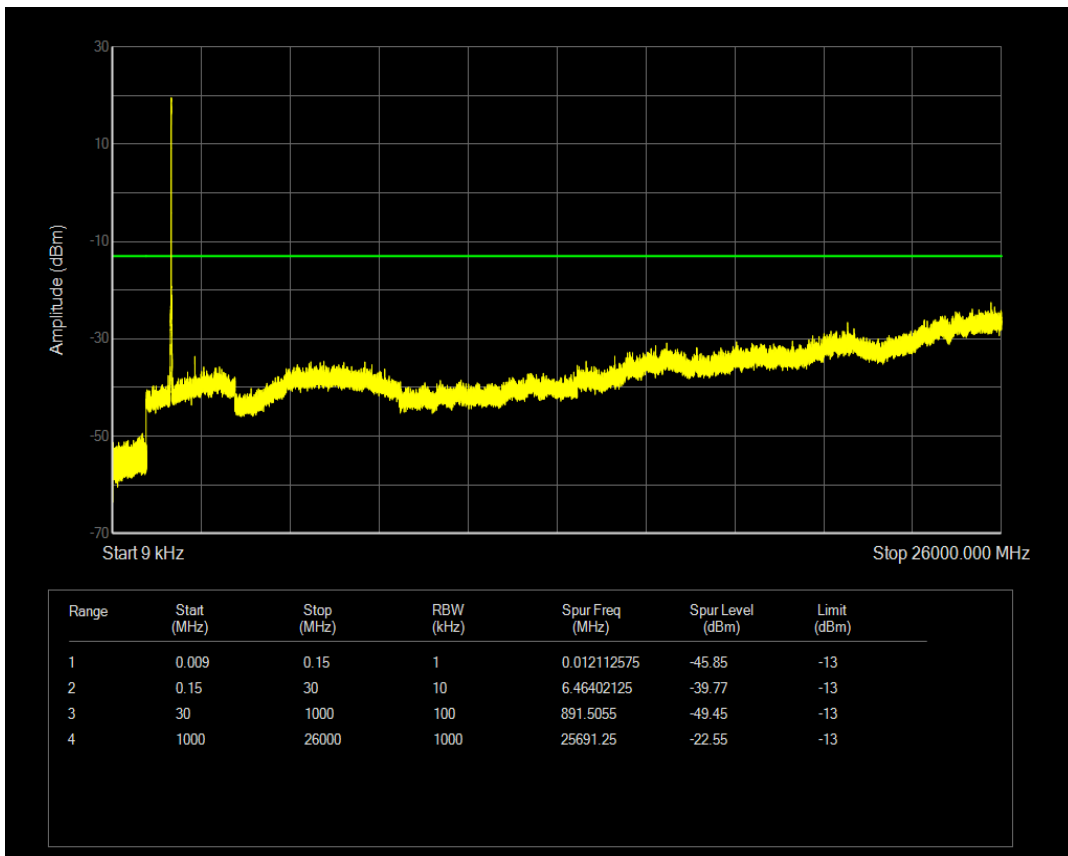
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



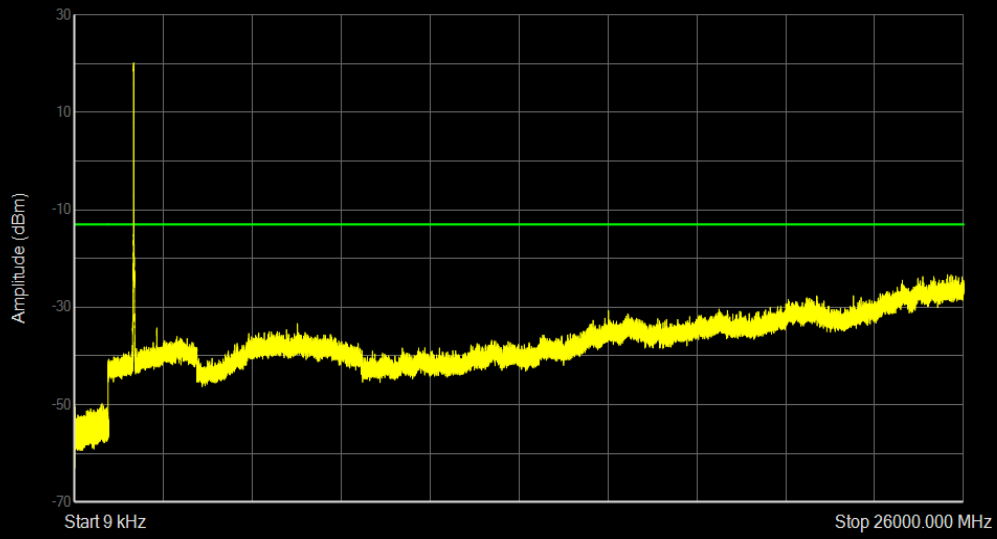
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



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

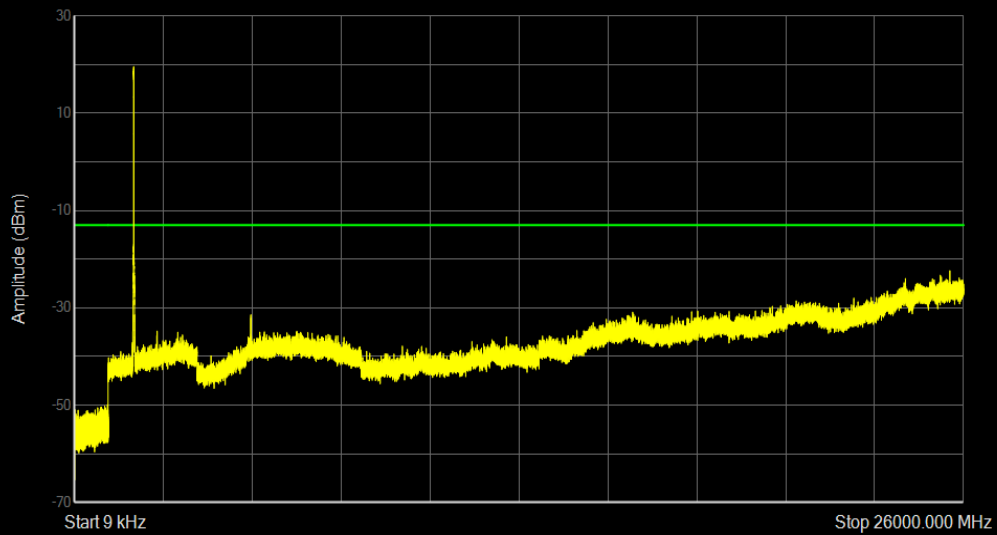


Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



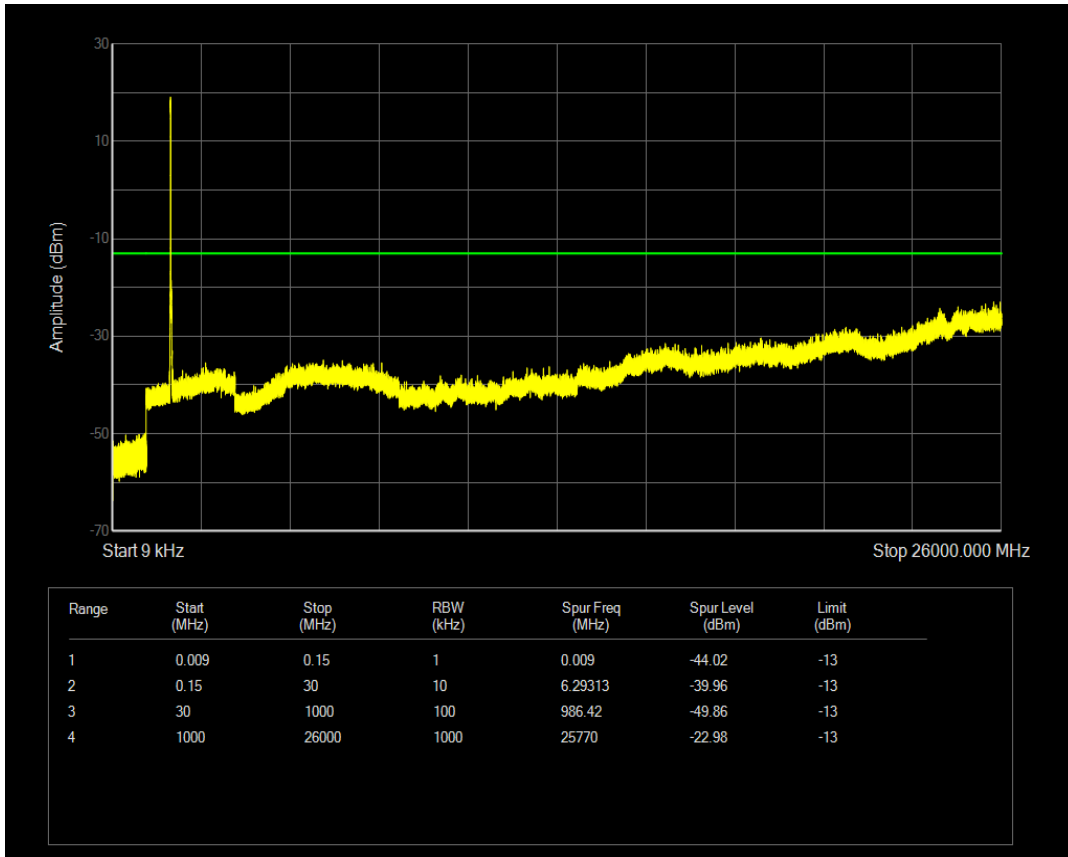
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.116311575	-46.77	-13
2	0.15	30	10	6.122985	-40.24	-13
3	30	1000	100	822.56275	-49.81	-13
4	1000	26000	1000	25531.25	-23.34	-13

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

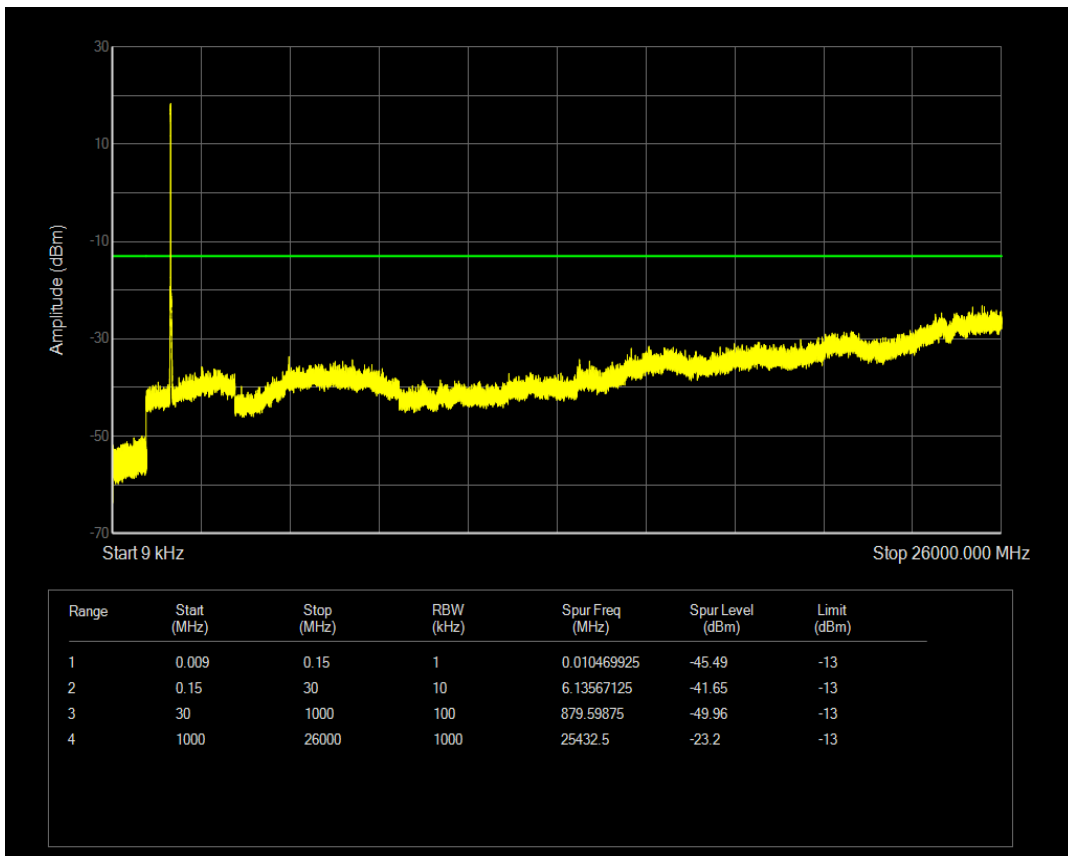


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009729675	-45.25	-13
2	0.15	30	10	6.07298625	-40.2	-13
3	30	1000	100	985.61975	-49.9	-13
4	1000	26000	1000	25598.75	-22.37	-13

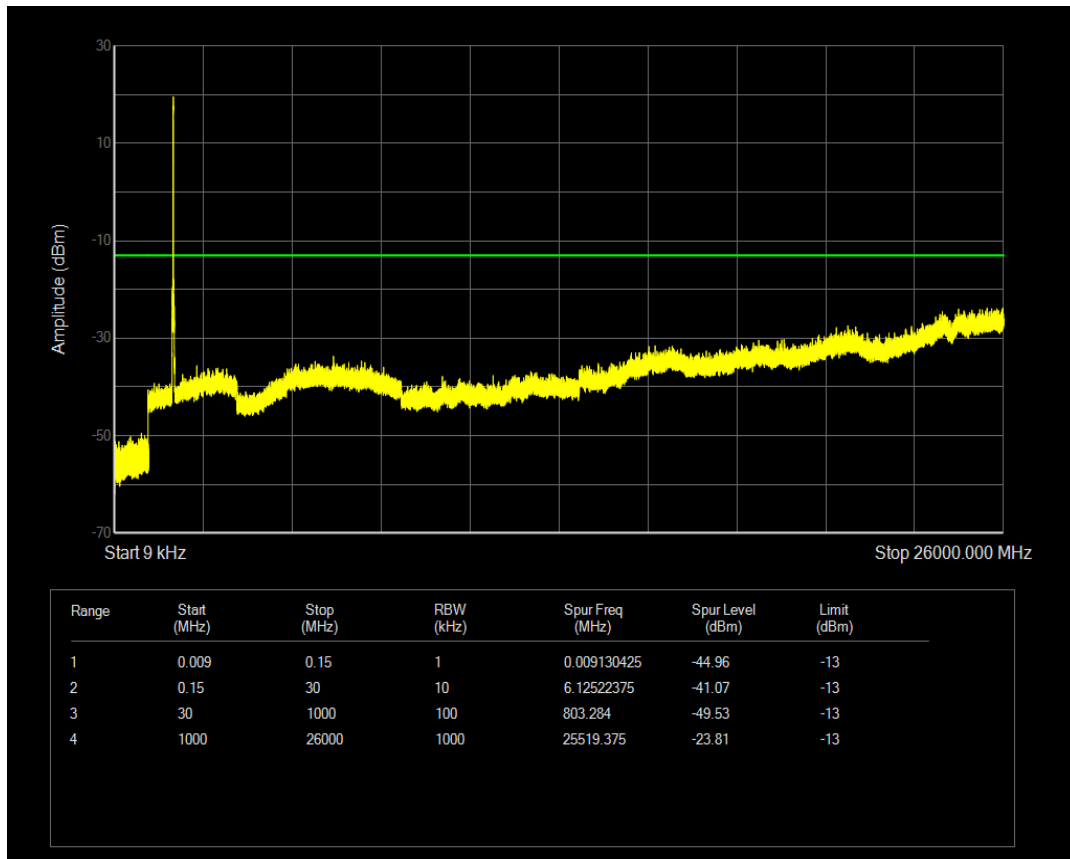
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



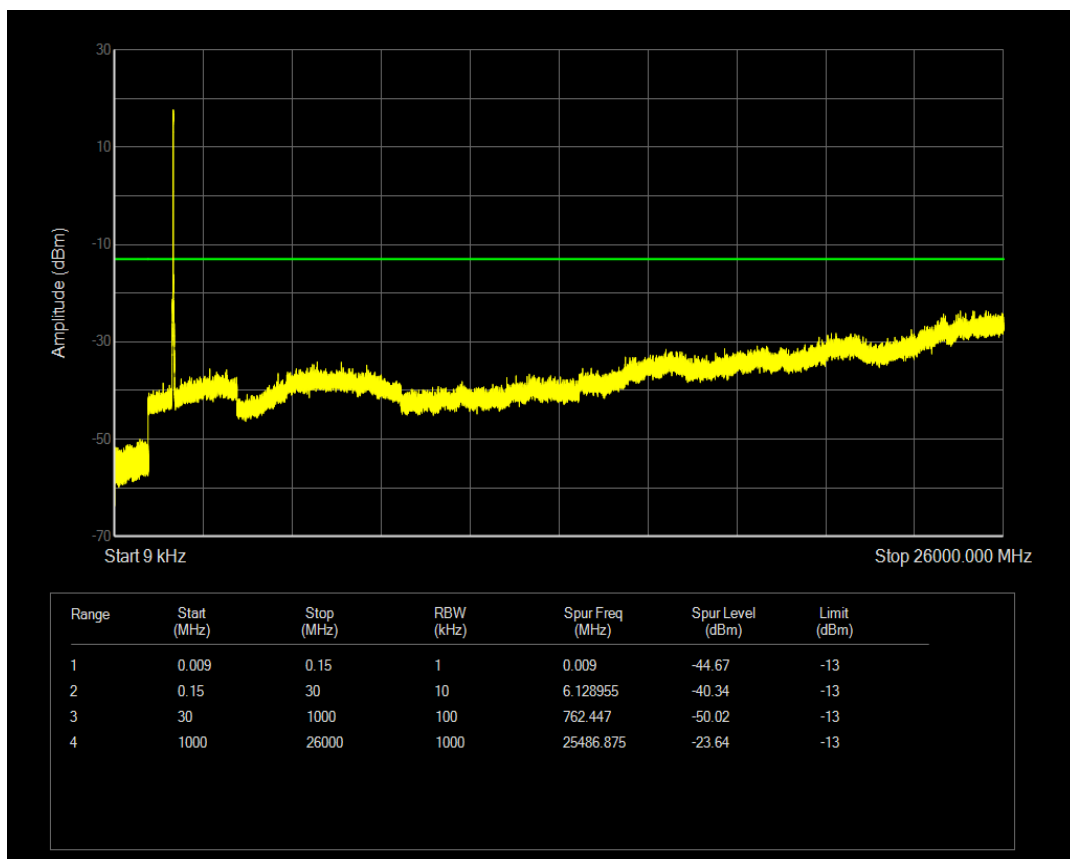
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



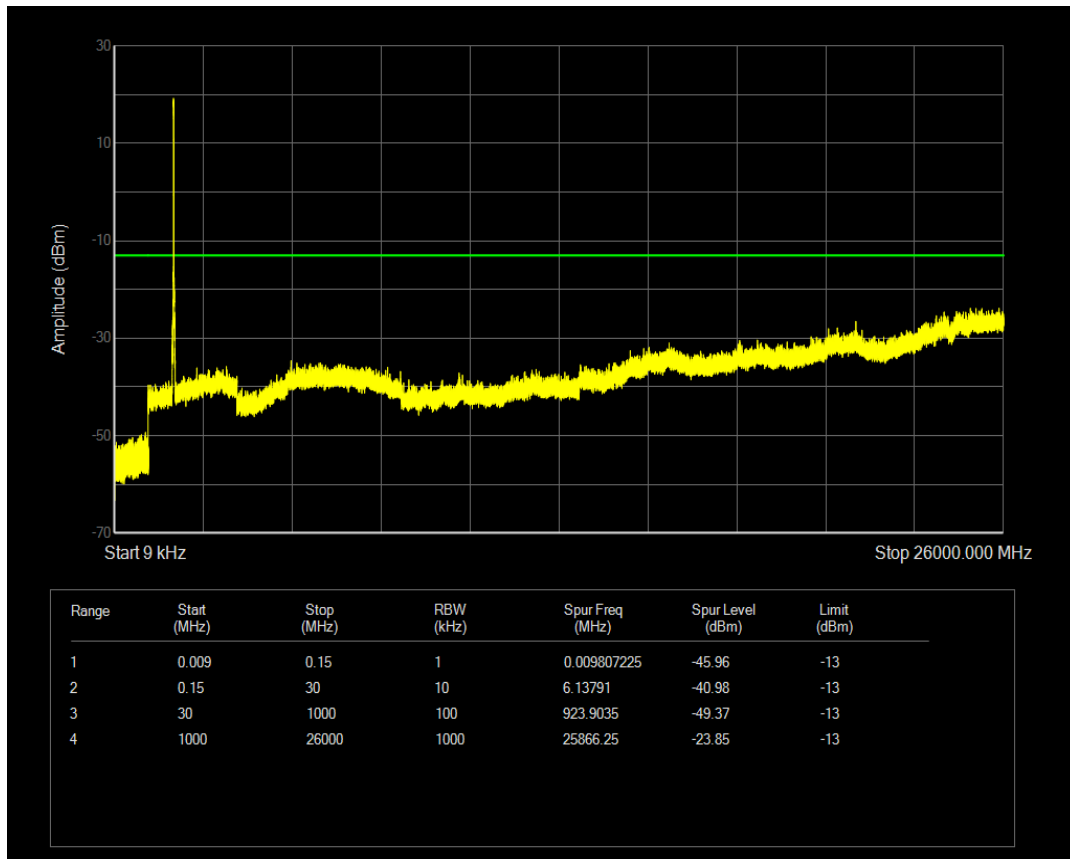
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



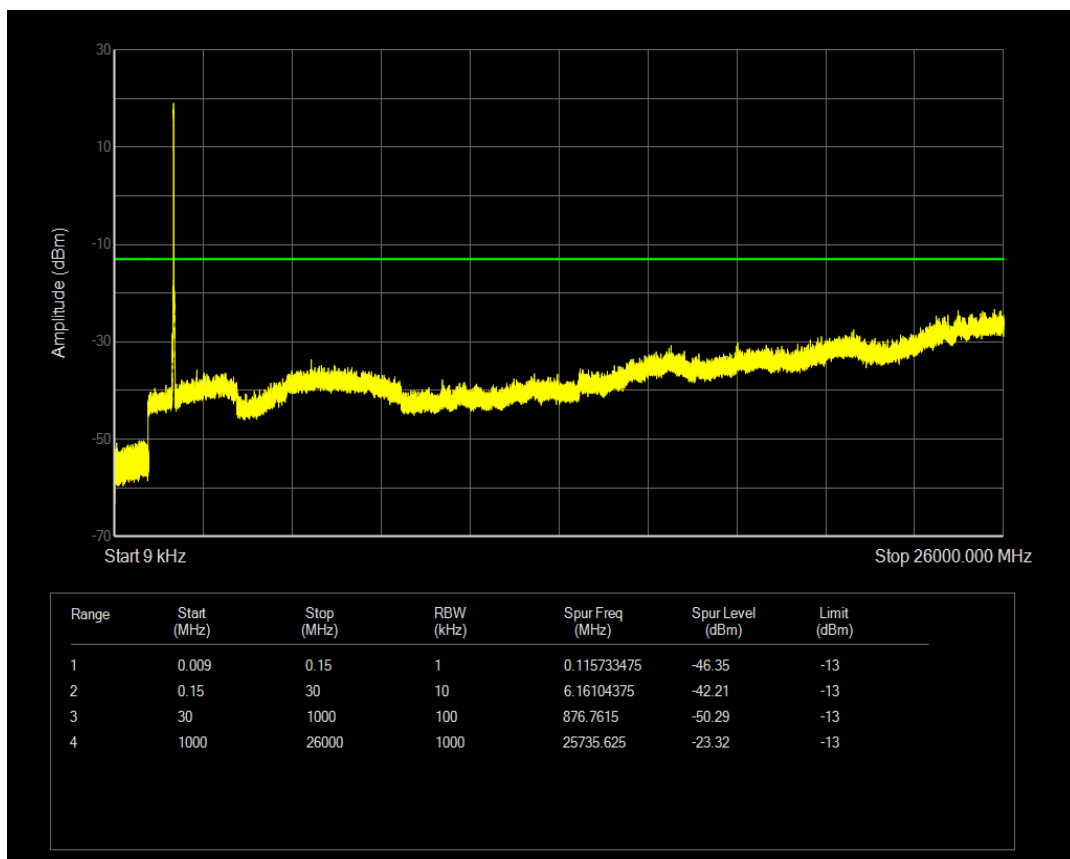
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



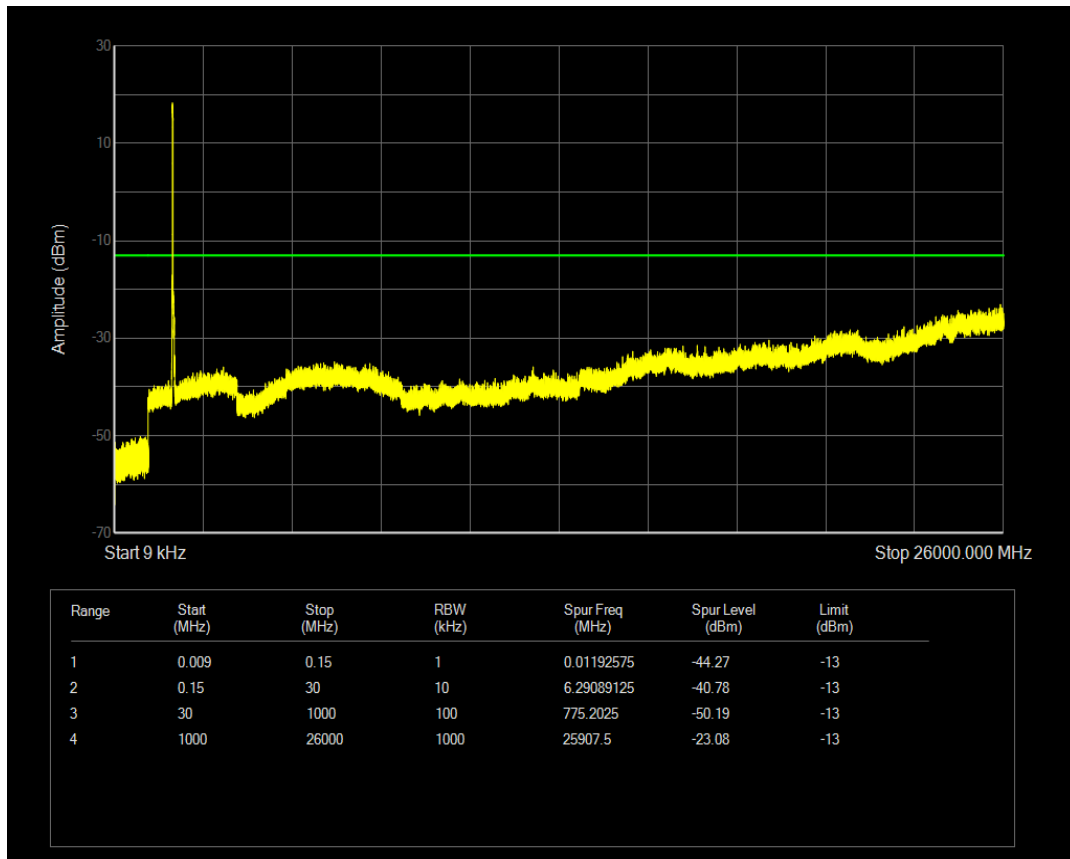
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



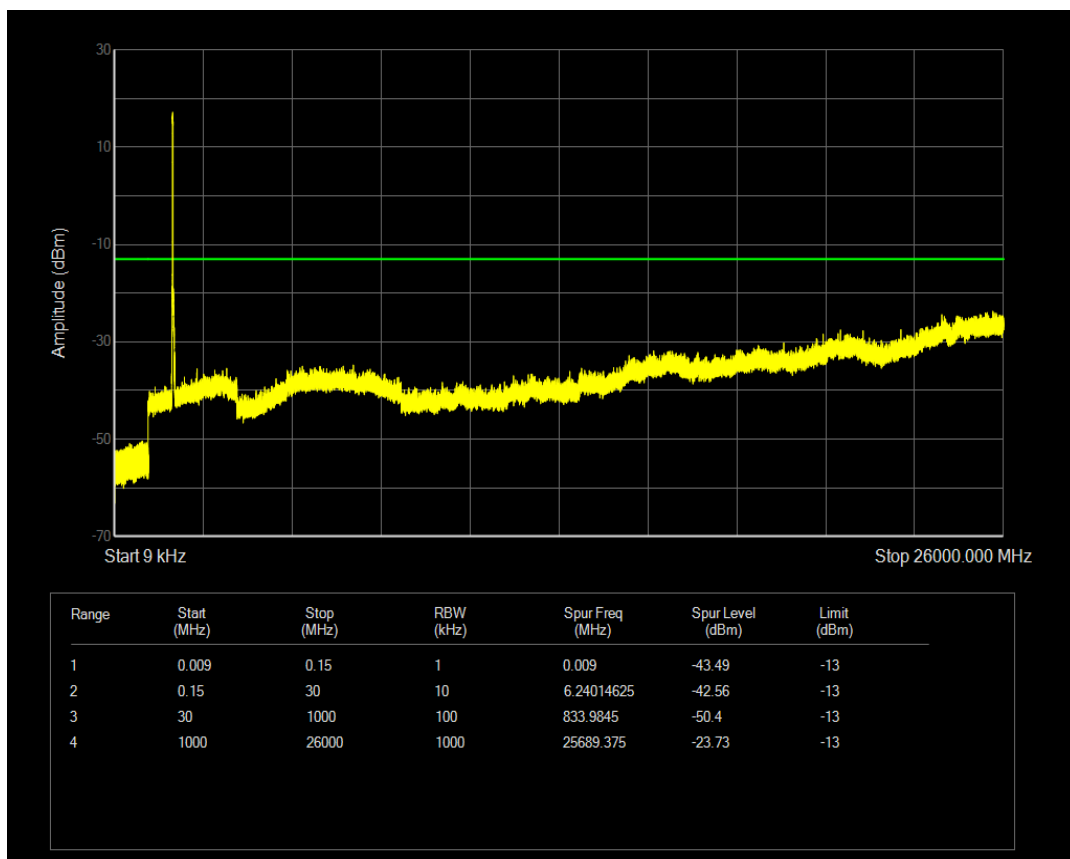
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



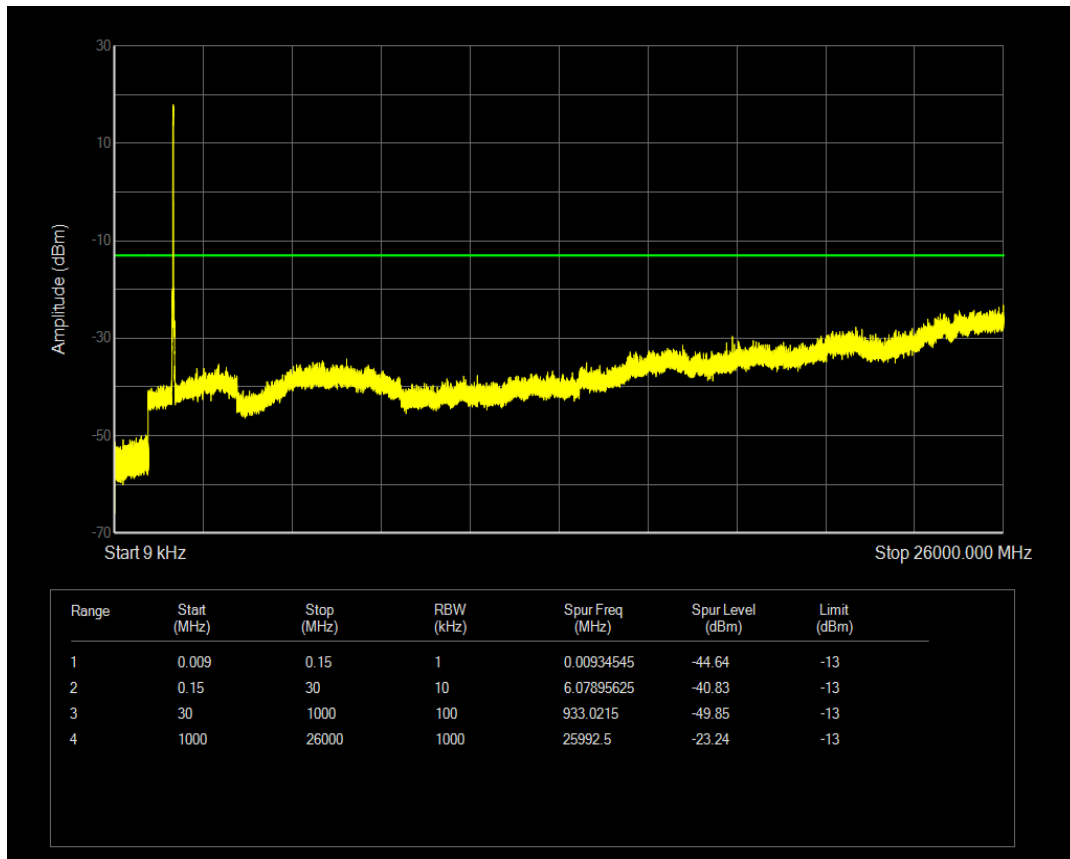
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



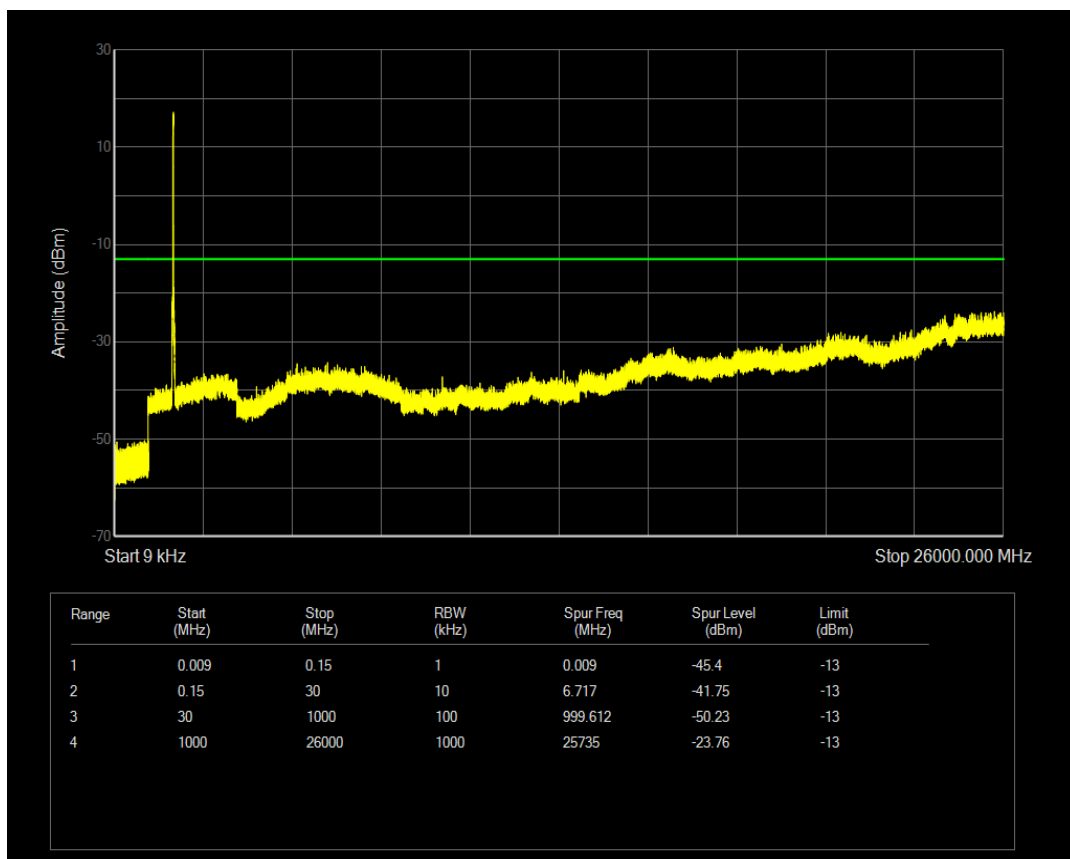
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



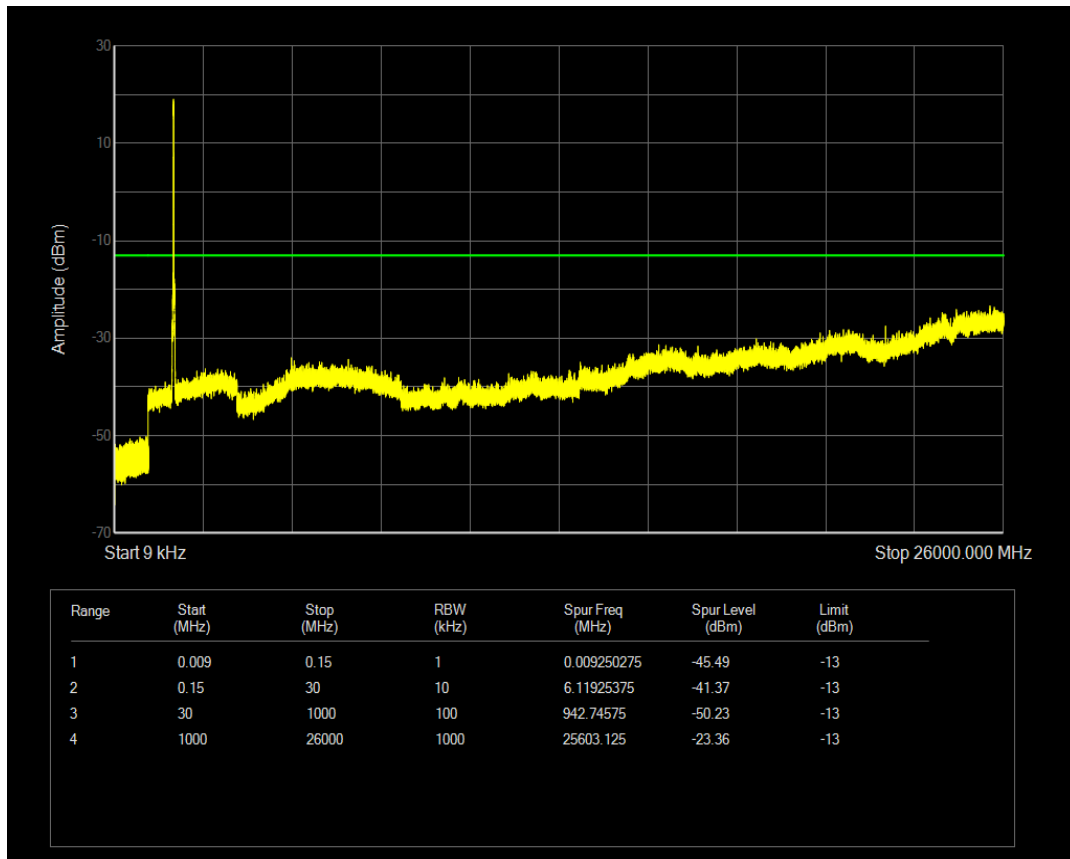
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



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

