

Appendix for Band 4

Report No.: BCTC2501199178-6E

Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY
CO.,LTD

Product Name: Smart Phone

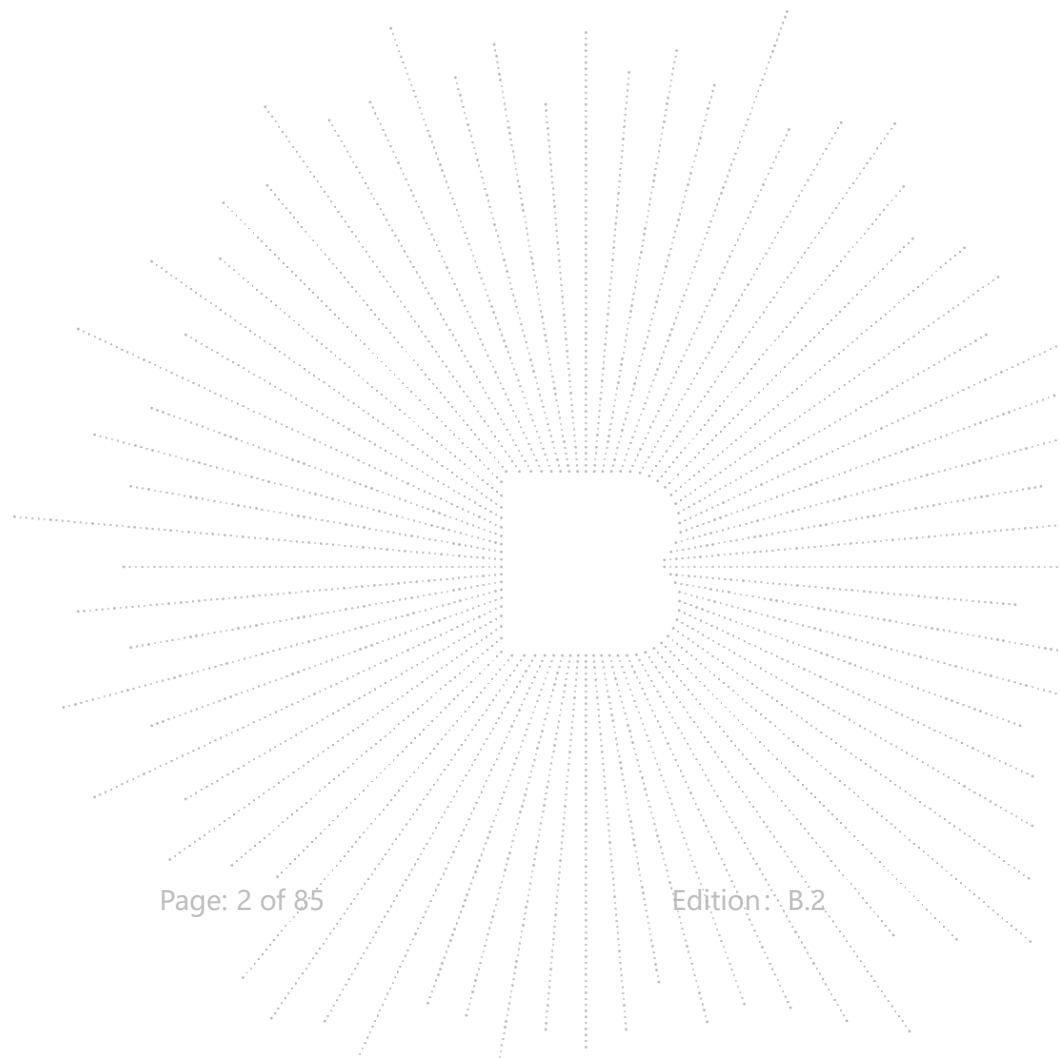
Test Model: C61

Tested Date: 2025-01-03 to 2025-02-07

Shenzhen BCTC Testing Co., Ltd.

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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	25.76	1.09	26.85	PASS
Band4	1.4	19957	1	#Mid	QPSK	25.81	1.09	26.90	PASS
Band4	1.4	19957	1	#Max	QPSK	25.78	1.09	26.87	PASS
Band4	1.4	19957	3	#0	QPSK	25.73	1.09	26.82	PASS
Band4	1.4	19957	3	#Mid	QPSK	25.67	1.09	26.76	PASS
Band4	1.4	19957	3	#Max	QPSK	25.64	1.09	26.73	PASS
Band4	1.4	19957	6	#0	QPSK	24.66	1.09	25.75	PASS
Band4	1.4	19957	1	#0	16QAM	25.62	1.09	26.71	PASS
Band4	1.4	19957	1	#Mid	16QAM	25.62	1.09	26.71	PASS
Band4	1.4	19957	1	#Max	16QAM	25.65	1.09	26.74	PASS
Band4	1.4	19957	3	#0	16QAM	24.92	1.09	26.01	PASS
Band4	1.4	19957	3	#Mid	16QAM	24.94	1.09	26.03	PASS
Band4	1.4	19957	3	#Max	16QAM	24.96	1.09	26.05	PASS
Band4	1.4	19957	6	#0	16QAM	23.93	1.09	25.02	PASS
Band4	1.4	20175	1	#0	QPSK	25.71	1.09	26.80	PASS
Band4	1.4	20175	1	#Mid	QPSK	25.77	1.09	26.86	PASS
Band4	1.4	20175	1	#Max	QPSK	25.75	1.09	26.84	PASS
Band4	1.4	20175	3	#0	QPSK	25.80	1.09	26.89	PASS
Band4	1.4	20175	3	#Mid	QPSK	25.71	1.09	26.80	PASS
Band4	1.4	20175	3	#Max	QPSK	25.79	1.09	26.88	PASS
Band4	1.4	20175	6	#0	QPSK	24.72	1.09	25.81	PASS
Band4	1.4	20175	1	#0	16QAM	24.75	1.09	25.84	PASS
Band4	1.4	20175	1	#Mid	16QAM	24.81	1.09	25.90	PASS
Band4	1.4	20175	1	#Max	16QAM	24.88	1.09	25.97	PASS
Band4	1.4	20175	3	#0	16QAM	24.73	1.09	25.82	PASS
Band4	1.4	20175	3	#Mid	16QAM	24.70	1.09	25.79	PASS
Band4	1.4	20175	3	#Max	16QAM	24.74	1.09	25.83	PASS
Band4	1.4	20175	6	#0	16QAM	23.99	1.09	25.08	PASS
Band4	1.4	20393	1	#0	QPSK	26.17	1.09	27.26	PASS
Band4	1.4	20393	1	#Mid	QPSK	26.12	1.09	27.21	PASS
Band4	1.4	20393	1	#Max	QPSK	26.16	1.09	27.25	PASS
Band4	1.4	20393	3	#0	QPSK	25.98	1.09	27.07	PASS
Band4	1.4	20393	3	#Mid	QPSK	26.03	1.09	27.12	PASS
Band4	1.4	20393	3	#Max	QPSK	25.96	1.09	27.05	PASS
Band4	1.4	20393	6	#0	QPSK	24.95	1.09	26.04	PASS
Band4	1.4	20393	1	#0	16QAM	24.53	1.09	25.62	PASS

Band4	1.4	20393	1	#Mid	16QAM	24.59	1.09	25.68	PASS
Band4	1.4	20393	1	#Max	16QAM	24.66	1.09	25.75	PASS
Band4	1.4	20393	3	#0	16QAM	24.89	1.09	25.98	PASS
Band4	1.4	20393	3	#Mid	16QAM	24.94	1.09	26.03	PASS
Band4	1.4	20393	3	#Max	16QAM	24.89	1.09	25.98	PASS
Band4	1.4	20393	6	#0	16QAM	24.06	1.09	25.15	PASS
Band4	3	19965	1	#0	QPSK	25.66	1.09	26.75	PASS
Band4	3	19965	1	#Mid	QPSK	25.69	1.09	26.78	PASS
Band4	3	19965	1	#Max	QPSK	25.57	1.09	26.66	PASS
Band4	3	19965	8	#0	QPSK	24.70	1.09	25.79	PASS
Band4	3	19965	8	#Mid	QPSK	24.76	1.09	25.85	PASS
Band4	3	19965	8	#Max	QPSK	24.60	1.09	25.69	PASS
Band4	3	19965	15	#0	QPSK	24.82	1.09	25.91	PASS
Band4	3	19965	1	#0	16QAM	25.78	1.09	26.87	PASS
Band4	3	19965	1	#Mid	16QAM	25.77	1.09	26.86	PASS
Band4	3	19965	1	#Max	16QAM	25.65	1.09	26.74	PASS
Band4	3	19965	8	#0	16QAM	23.71	1.09	24.80	PASS
Band4	3	19965	8	#Mid	16QAM	23.66	1.09	24.75	PASS
Band4	3	19965	8	#Max	16QAM	23.54	1.09	24.63	PASS
Band4	3	19965	15	#0	16QAM	23.87	1.09	24.96	PASS
Band4	3	20175	1	#0	QPSK	25.73	1.09	26.82	PASS
Band4	3	20175	1	#Mid	QPSK	25.73	1.09	26.82	PASS
Band4	3	20175	1	#Max	QPSK	25.77	1.09	26.86	PASS
Band4	3	20175	8	#0	QPSK	24.61	1.09	25.70	PASS
Band4	3	20175	8	#Mid	QPSK	24.66	1.09	25.75	PASS
Band4	3	20175	8	#Max	QPSK	24.72	1.09	25.81	PASS
Band4	3	20175	15	#0	QPSK	24.81	1.09	25.90	PASS
Band4	3	20175	1	#0	16QAM	24.72	1.09	25.81	PASS
Band4	3	20175	1	#Mid	16QAM	24.78	1.09	25.87	PASS
Band4	3	20175	1	#Max	16QAM	24.78	1.09	25.87	PASS
Band4	3	20175	8	#0	16QAM	23.77	1.09	24.86	PASS
Band4	3	20175	8	#Mid	16QAM	23.84	1.09	24.93	PASS
Band4	3	20175	8	#Max	16QAM	23.87	1.09	24.96	PASS
Band4	3	20175	15	#0	16QAM	23.78	1.09	24.87	PASS
Band4	3	20385	1	#0	QPSK	26.13	1.09	27.22	PASS
Band4	3	20385	1	#Mid	QPSK	26.08	1.09	27.17	PASS
Band4	3	20385	1	#Max	QPSK	26.13	1.09	27.22	PASS
Band4	3	20385	8	#0	QPSK	24.94	1.09	26.03	PASS
Band4	3	20385	8	#Mid	QPSK	24.97	1.09	26.06	PASS
Band4	3	20385	8	#Max	QPSK	24.92	1.09	26.01	PASS
Band4	3	20385	15	#0	QPSK	24.95	1.09	26.04	PASS
Band4	3	20385	1	#0	16QAM	24.51	1.09	25.60	PASS
Band4	3	20385	1	#Mid	16QAM	24.57	1.09	25.66	PASS

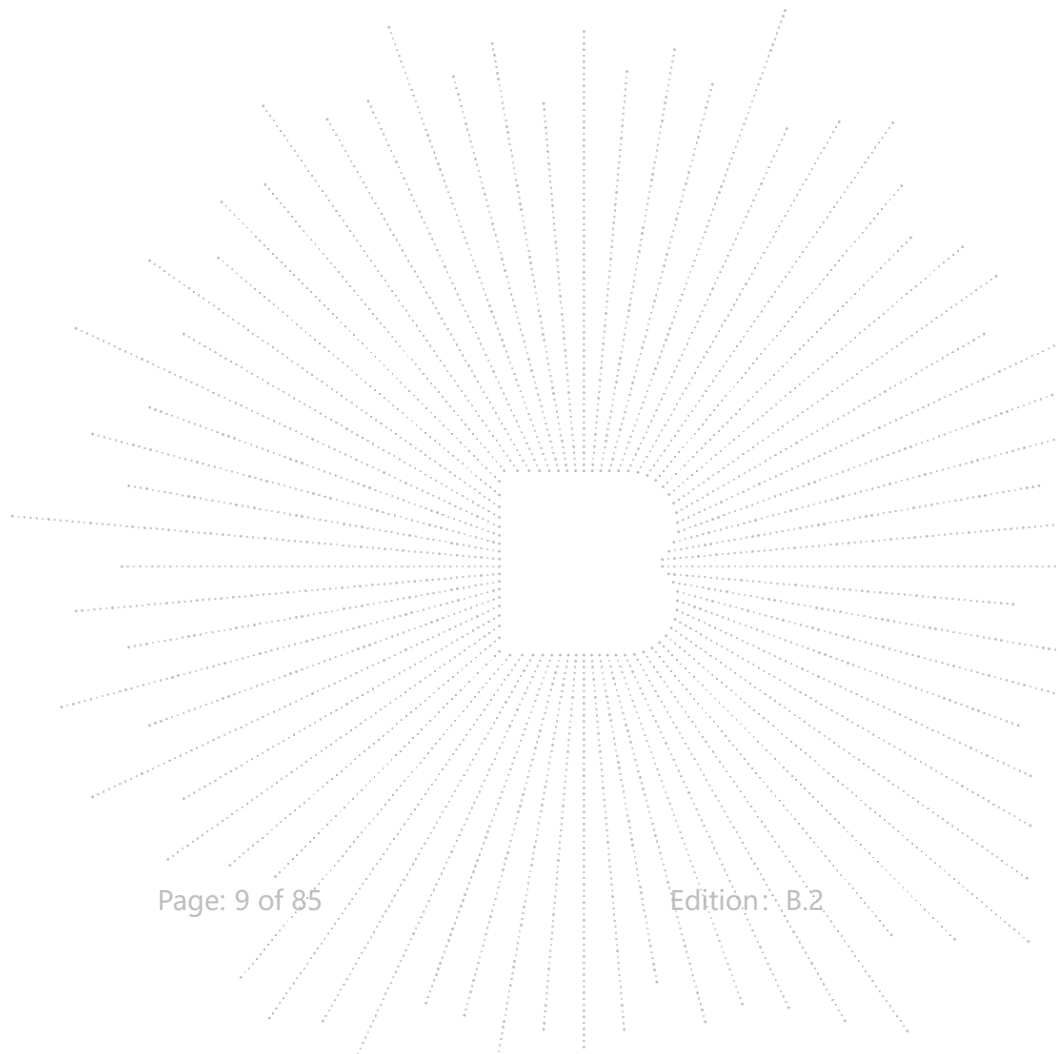
Band4	3	20385	1	#Max	16QAM	24.64	1.09	25.73	PASS
Band4	3	20385	8	#0	16QAM	24.09	1.09	25.18	PASS
Band4	3	20385	8	#Mid	16QAM	24.07	1.09	25.16	PASS
Band4	3	20385	8	#Max	16QAM	24.14	1.09	25.23	PASS
Band4	3	20385	15	#0	16QAM	23.97	1.09	25.06	PASS
Band4	5	19975	1	#0	QPSK	23.99	1.09	25.08	PASS
Band4	5	19975	1	#Mid	QPSK	26.17	1.09	27.26	PASS
Band4	5	19975	1	#Max	QPSK	26.12	1.09	27.21	PASS
Band4	5	19975	12	#0	QPSK	24.81	1.09	25.90	PASS
Band4	5	19975	12	#Mid	QPSK	24.63	1.09	25.72	PASS
Band4	5	19975	12	#Max	QPSK	24.69	1.09	25.78	PASS
Band4	5	19975	25	#0	QPSK	24.66	1.09	25.75	PASS
Band4	5	19975	1	#0	16QAM	23.99	1.09	25.08	PASS
Band4	5	19975	1	#Mid	16QAM	26.17	1.09	27.26	PASS
Band4	5	19975	1	#Max	16QAM	26.12	1.09	27.21	PASS
Band4	5	19975	12	#0	16QAM	23.71	1.09	24.80	PASS
Band4	5	19975	12	#Mid	16QAM	23.53	1.09	24.62	PASS
Band4	5	19975	12	#Max	16QAM	23.56	1.09	24.65	PASS
Band4	5	19975	25	#0	16QAM	23.73	1.09	24.82	PASS
Band4	5	20175	1	#0	QPSK	23.99	1.09	25.08	PASS
Band4	5	20175	1	#Mid	QPSK	26.17	1.09	27.26	PASS
Band4	5	20175	1	#Max	QPSK	26.12	1.09	27.21	PASS
Band4	5	20175	12	#0	QPSK	24.76	1.09	25.85	PASS
Band4	5	20175	12	#Mid	QPSK	24.76	1.09	25.85	PASS
Band4	5	20175	12	#Max	QPSK	24.78	1.09	25.87	PASS
Band4	5	20175	25	#0	QPSK	24.76	1.09	25.85	PASS
Band4	5	20175	1	#0	16QAM	23.99	1.09	25.08	PASS
Band4	5	20175	1	#Mid	16QAM	26.17	1.09	27.26	PASS
Band4	5	20175	1	#Max	16QAM	24.88	1.09	25.97	PASS
Band4	5	20175	12	#0	16QAM	23.56	1.09	24.65	PASS
Band4	5	20175	12	#Mid	16QAM	23.61	1.09	24.70	PASS
Band4	5	20175	12	#Max	16QAM	23.61	1.09	24.70	PASS
Band4	5	20175	25	#0	16QAM	23.83	1.09	24.92	PASS
Band4	5	20375	1	#0	QPSK	23.99	1.09	25.08	PASS
Band4	5	20375	1	#Mid	QPSK	25.72	1.09	26.81	PASS
Band4	5	20375	1	#Max	QPSK	23.99	1.09	25.08	PASS
Band4	5	20375	12	#0	QPSK	24.98	1.09	26.07	PASS
Band4	5	20375	12	#Mid	QPSK	24.82	1.09	25.91	PASS
Band4	5	20375	12	#Max	QPSK	24.92	1.09	26.01	PASS
Band4	5	20375	25	#0	QPSK	24.96	1.09	26.05	PASS
Band4	5	20375	1	#0	16QAM	23.99	1.09	25.08	PASS
Band4	5	20375	1	#Mid	16QAM	26.17	1.09	27.26	PASS
Band4	5	20375	1	#Max	16QAM	26.12	1.09	27.21	PASS

Band4	5	20375	12	#0	16QAM	24.01	1.09	25.10	PASS
Band4	5	20375	12	#Mid	16QAM	23.97	1.09	25.06	PASS
Band4	5	20375	12	#Max	16QAM	23.94	1.09	25.03	PASS
Band4	5	20375	25	#0	16QAM	24.03	1.09	25.12	PASS
Band4	10	20000	1	#0	QPSK	23.99	1.09	25.08	PASS
Band4	10	20000	1	#Mid	QPSK	25.62	1.09	26.71	PASS
Band4	10	20000	1	#Max	QPSK	23.99	1.09	25.08	PASS
Band4	10	20000	25	#0	QPSK	24.66	1.09	25.75	PASS
Band4	10	20000	25	#Mid	QPSK	24.71	1.09	25.80	PASS
Band4	10	20000	25	#Max	QPSK	24.62	1.09	25.71	PASS
Band4	10	20000	50	#0	QPSK	24.61	1.09	25.70	PASS
Band4	10	20000	1	#0	16QAM	23.99	1.09	25.08	PASS
Band4	10	20000	1	#Mid	16QAM	26.17	1.09	27.26	PASS
Band4	10	20000	1	#Max	16QAM	26.12	1.09	27.21	PASS
Band4	10	20000	25	#0	16QAM	23.66	1.09	24.75	PASS
Band4	10	20000	25	#Mid	16QAM	23.72	1.09	24.81	PASS
Band4	10	20000	25	#Max	16QAM	23.74	1.09	24.83	PASS
Band4	10	20000	50	#0	16QAM	23.73	1.09	24.82	PASS
Band4	10	20175	1	#0	QPSK	23.99	1.09	25.08	PASS
Band4	10	20175	1	#Mid	QPSK	26.17	1.09	27.26	PASS
Band4	10	20175	1	#Max	QPSK	26.12	1.09	27.21	PASS
Band4	10	20175	25	#0	QPSK	24.77	1.09	25.86	PASS
Band4	10	20175	25	#Mid	QPSK	24.81	1.09	25.90	PASS
Band4	10	20175	25	#Max	QPSK	24.73	1.09	25.82	PASS
Band4	10	20175	50	#0	QPSK	24.83	1.09	25.92	PASS
Band4	10	20175	1	#0	16QAM	23.99	1.09	25.08	PASS
Band4	10	20175	1	#Mid	16QAM	26.17	1.09	27.26	PASS
Band4	10	20175	1	#Max	16QAM	26.12	1.09	27.21	PASS
Band4	10	20175	25	#0	16QAM	23.77	1.09	24.86	PASS
Band4	10	20175	25	#Mid	16QAM	23.81	1.09	24.90	PASS
Band4	10	20175	25	#Max	16QAM	23.79	1.09	24.88	PASS
Band4	10	20175	50	#0	16QAM	23.86	1.09	24.95	PASS
Band4	10	20350	1	#0	QPSK	23.99	1.09	25.08	PASS
Band4	10	20350	1	#Mid	QPSK	26.03	1.09	27.12	PASS
Band4	10	20350	1	#Max	QPSK	23.99	1.09	25.08	PASS
Band4	10	20350	25	#0	QPSK	25.04	1.09	26.13	PASS
Band4	10	20350	25	#Mid	QPSK	25.02	1.09	26.11	PASS
Band4	10	20350	25	#Max	QPSK	25.00	1.09	26.09	PASS
Band4	10	20350	50	#0	QPSK	25.05	1.09	26.14	PASS
Band4	10	20350	1	#0	16QAM	23.99	1.09	25.08	PASS
Band4	10	20350	1	#Mid	16QAM	26.17	1.09	27.26	PASS
Band4	10	20350	1	#Max	16QAM	26.12	1.09	27.21	PASS
Band4	10	20350	25	#0	16QAM	24.07	1.09	25.16	PASS

Band4	10	20350	25	#Mid	16QAM	24.10	1.09	25.19	PASS
Band4	10	20350	25	#Max	16QAM	24.03	1.09	25.12	PASS
Band4	10	20350	50	#0	16QAM	24.04	1.09	25.13	PASS
Band4	15	20025	1	#0	QPSK	23.99	1.09	25.08	PASS
Band4	15	20025	1	#Mid	QPSK	26.17	1.09	27.26	PASS
Band4	15	20025	1	#Max	QPSK	25.69	1.09	26.78	PASS
Band4	15	20025	36	#0	QPSK	24.63	1.09	25.72	PASS
Band4	15	20025	36	#Mid	QPSK	24.72	1.09	25.81	PASS
Band4	15	20025	36	#Max	QPSK	24.61	1.09	25.70	PASS
Band4	15	20025	75	#0	QPSK	24.60	1.09	25.69	PASS
Band4	15	20025	1	#0	16QAM	23.99	1.09	25.08	PASS
Band4	15	20025	1	#Mid	16QAM	25.79	1.09	26.88	PASS
Band4	15	20025	1	#Max	16QAM	23.99	1.09	25.08	PASS
Band4	15	20025	36	#0	16QAM	23.65	1.09	24.74	PASS
Band4	15	20025	36	#Mid	16QAM	23.68	1.09	24.77	PASS
Band4	15	20025	36	#Max	16QAM	23.66	1.09	24.75	PASS
Band4	15	20025	75	#0	16QAM	23.74	1.09	24.83	PASS
Band4	15	20175	1	#0	QPSK	23.99	1.09	25.08	PASS
Band4	15	20175	1	#Mid	QPSK	26.17	1.09	27.26	PASS
Band4	15	20175	1	#Max	QPSK	26.12	1.09	27.21	PASS
Band4	15	20175	36	#0	QPSK	24.69	1.09	25.78	PASS
Band4	15	20175	36	#Mid	QPSK	24.70	1.09	25.79	PASS
Band4	15	20175	36	#Max	QPSK	24.79	1.09	25.88	PASS
Band4	15	20175	75	#0	QPSK	24.73	1.09	25.82	PASS
Band4	15	20175	1	#0	16QAM	23.99	1.09	25.08	PASS
Band4	15	20175	1	#Mid	16QAM	26.17	1.09	27.26	PASS
Band4	15	20175	1	#Max	16QAM	26.12	1.09	27.21	PASS
Band4	15	20175	36	#0	16QAM	23.78	1.09	24.87	PASS
Band4	15	20175	36	#Mid	16QAM	23.88	1.09	24.97	PASS
Band4	15	20175	36	#Max	16QAM	23.86	1.09	24.95	PASS
Band4	15	20175	75	#0	16QAM	23.74	1.09	24.83	PASS
Band4	15	20325	1	#0	QPSK	23.99	1.09	25.08	PASS
Band4	15	20325	1	#Mid	QPSK	26.17	1.09	27.26	PASS
Band4	15	20325	1	#Max	QPSK	26.12	1.09	27.21	PASS
Band4	15	20325	36	#0	QPSK	24.79	1.09	25.88	PASS
Band4	15	20325	36	#Mid	QPSK	24.83	1.09	25.92	PASS
Band4	15	20325	36	#Max	QPSK	24.89	1.09	25.98	PASS
Band4	15	20325	75	#0	QPSK	24.87	1.09	25.96	PASS
Band4	15	20325	1	#0	16QAM	23.99	1.09	25.08	PASS
Band4	15	20325	1	#Mid	16QAM	26.17	1.09	27.26	PASS
Band4	15	20325	1	#Max	16QAM	25.99	1.09	27.08	PASS
Band4	15	20325	36	#0	16QAM	23.89	1.09	24.98	PASS
Band4	15	20325	36	#Mid	16QAM	23.93	1.09	25.02	PASS

Band4	15	20325	36	#Max	16QAM	23.98	1.09	25.07	PASS
Band4	15	20325	75	#0	16QAM	24.04	1.09	25.13	PASS
Band4	20	20050	1	#0	QPSK	23.99	1.09	25.08	PASS
Band4	20	20050	1	#Mid	QPSK	25.78	1.09	26.87	PASS
Band4	20	20050	1	#Max	QPSK	23.99	1.09	25.08	PASS
Band4	20	20050	50	#0	QPSK	24.74	1.09	25.83	PASS
Band4	20	20050	50	#Mid	QPSK	24.72	1.09	25.81	PASS
Band4	20	20050	50	#Max	QPSK	24.59	1.09	25.68	PASS
Band4	20	20050	100	#0	QPSK	24.72	1.09	25.81	PASS
Band4	20	20050	1	#0	16QAM	23.99	1.09	25.08	PASS
Band4	20	20050	1	#Mid	16QAM	24.77	1.09	25.86	PASS
Band4	20	20050	1	#Max	16QAM	23.99	1.09	25.08	PASS
Band4	20	20050	50	#0	16QAM	23.76	1.09	24.85	PASS
Band4	20	20050	50	#Mid	16QAM	23.79	1.09	24.88	PASS
Band4	20	20050	50	#Max	16QAM	23.70	1.09	24.79	PASS
Band4	20	20050	100	#0	16QAM	23.75	1.09	24.84	PASS
Band4	20	20175	1	#0	QPSK	23.99	1.09	25.08	PASS
Band4	20	20175	1	#Mid	QPSK	26.17	1.09	27.26	PASS
Band4	20	20175	1	#Max	QPSK	26.12	1.09	27.21	PASS
Band4	20	20175	50	#0	QPSK	24.69	1.09	25.78	PASS
Band4	20	20175	50	#Mid	QPSK	24.77	1.09	25.86	PASS
Band4	20	20175	50	#Max	QPSK	24.80	1.09	25.89	PASS
Band4	20	20175	100	#0	QPSK	24.72	1.09	25.81	PASS
Band4	20	20175	1	#0	16QAM	23.99	1.09	25.08	PASS
Band4	20	20175	1	#Mid	16QAM	26.17	1.09	27.26	PASS
Band4	20	20175	1	#Max	16QAM	26.12	1.09	27.21	PASS
Band4	20	20175	50	#0	16QAM	23.74	1.09	24.83	PASS
Band4	20	20175	50	#Mid	16QAM	23.79	1.09	24.88	PASS
Band4	20	20175	50	#Max	16QAM	23.87	1.09	24.96	PASS
Band4	20	20175	100	#0	16QAM	23.82	1.09	24.91	PASS
Band4	20	20300	1	#0	QPSK	23.99	1.09	25.08	PASS
Band4	20	20300	1	#Mid	QPSK	26.17	1.09	27.26	PASS
Band4	20	20300	1	#Max	QPSK	26.12	1.09	27.21	PASS
Band4	20	20300	50	#0	QPSK	24.90	1.09	25.99	PASS
Band4	20	20300	50	#Mid	QPSK	24.84	1.09	25.93	PASS
Band4	20	20300	50	#Max	QPSK	25.02	1.09	26.11	PASS
Band4	20	20300	100	#0	QPSK	24.85	1.09	25.94	PASS
Band4	20	20300	1	#0	16QAM	23.99	1.09	25.08	PASS
Band4	20	20300	1	#Mid	16QAM	25.35	1.09	26.44	PASS
Band4	20	20300	1	#Max	16QAM	23.99	1.09	25.08	PASS
Band4	20	20300	50	#0	16QAM	23.94	1.09	25.03	PASS
Band4	20	20300	50	#Mid	16QAM	24.02	1.09	25.11	PASS
Band4	20	20300	50	#Max	16QAM	24.09	1.09	25.18	PASS

Band4	20	20300	100	#0	16QAM	23.86	1.09	24.95	PASS
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Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
Band 4	1.4	19957	6	#0	QPSK	LV	NT	7.17	0.004	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	QPSK	NV	NT	-16.51	-0.010	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	QPSK	HV	NT	-9.11	-0.005	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	16QAM	LV	NT	6.61	0.004	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	16QAM	NV	NT	-14.98	-0.009	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	16QAM	HV	NT	-32.62	-0.019	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	QPSK	LV	NT	-5.31	-0.003	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	QPSK	NV	NT	-20.87	-0.012	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	QPSK	HV	NT	-16.44	-0.009	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	16QAM	LV	NT	-36.61	-0.021	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	16QAM	NV	NT	-11.42	-0.007	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	16QAM	HV	NT	-23.83	-0.014	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	QPSK	LV	NT	-21.34	-0.012	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	QPSK	NV	NT	-45.18	-0.026	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	QPSK	HV	NT	-30.88	-0.018	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	16QAM	LV	NT	-10.30	-0.006	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	16QAM	NV	NT	-27.81	-0.016	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	16QAM	HV	NT	-4.33	-0.002	-2.5	2.5	PASS

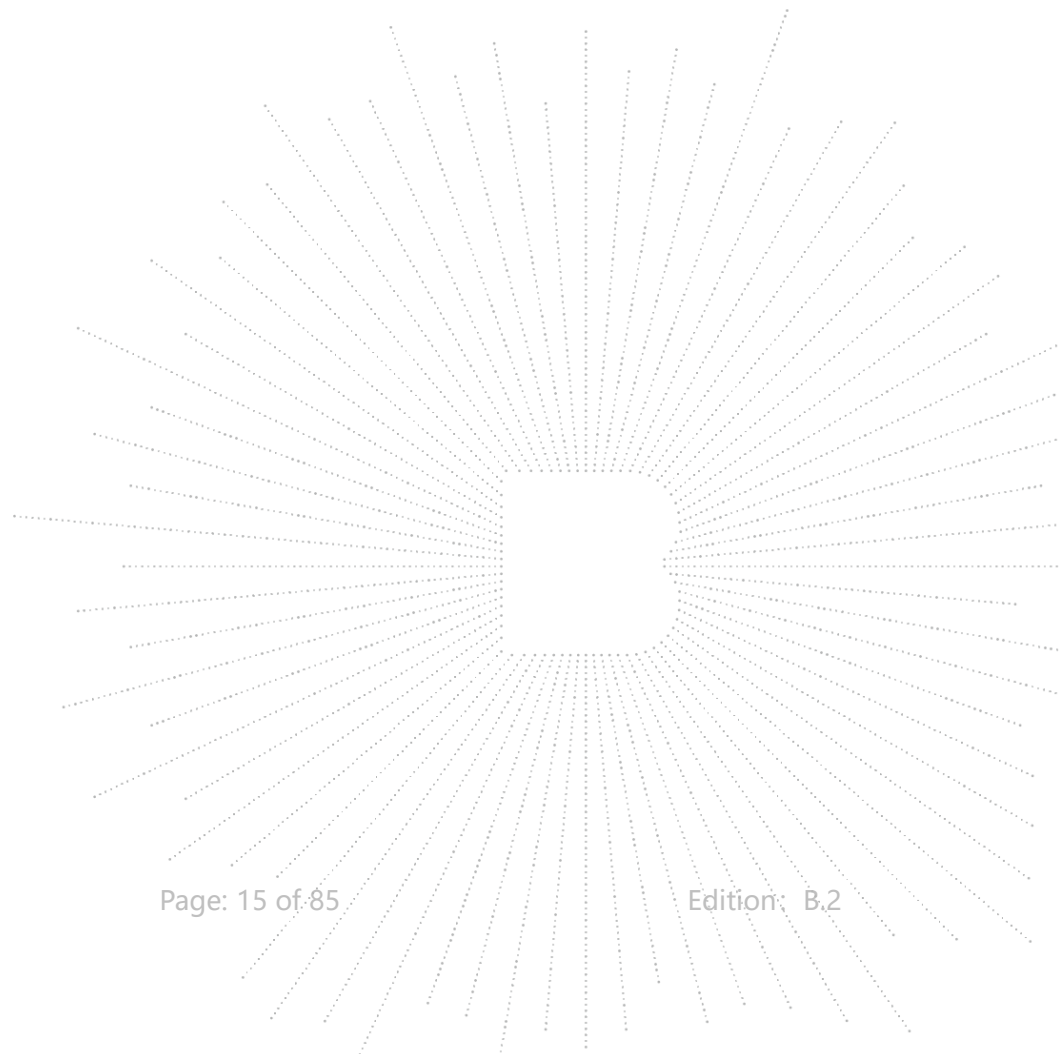
Band 4	3	19965	15	#0	QPSK	LV	NT	-6.27 4	-0.00 4	-2.5	2.5	PASS
Band 4	3	19965	15	#0	QPSK	NV	NT	-37.3 9	-0.02 2	-2.5	2.5	PASS
Band 4	3	19965	15	#0	QPSK	HV	NT	-22.5 4	-0.01 3	-2.5	2.5	PASS
Band 4	3	19965	15	#0	16QAM	LV	NT	-27.6 7	-0.01 6	-2.5	2.5	PASS
Band 4	3	19965	15	#0	16QAM	NV	NT	-18.0 7	-0.011	-2.5	2.5	PASS
Band 4	3	19965	15	#0	16QAM	HV	NT	-23.6 6	-0.01 4	-2.5	2.5	PASS
Band 4	3	20175	15	#0	QPSK	LV	NT	-24.6 6	-0.01 4	-2.5	2.5	PASS
Band 4	3	20175	15	#0	QPSK	NV	NT	-27.6 9	-0.01 6	-2.5	2.5	PASS
Band 4	3	20175	15	#0	QPSK	HV	NT	-29.7 1	-0.01 7	-2.5	2.5	PASS
Band 4	3	20175	15	#0	16QAM	LV	NT	-21.3 0	-0.01 2	-2.5	2.5	PASS
Band 4	3	20175	15	#0	16QAM	NV	NT	-36.4 1	-0.02 1	-2.5	2.5	PASS
Band 4	3	20175	15	#0	16QAM	HV	NT	-26.9 5	-0.01 6	-2.5	2.5	PASS
Band 4	3	20385	15	#0	QPSK	LV	NT	-24.8 1	-0.01 4	-2.5	2.5	PASS
Band 4	3	20385	15	#0	QPSK	NV	NT	-23.7 6	-0.01 4	-2.5	2.5	PASS
Band 4	3	20385	15	#0	QPSK	HV	NT	-22.7 6	-0.01 3	-2.5	2.5	PASS
Band 4	3	20385	15	#0	16QAM	LV	NT	-25.4 8	-0.01 5	-2.5	2.5	PASS
Band 4	3	20385	15	#0	16QAM	NV	NT	-5.49 3	-0.00 3	-2.5	2.5	PASS
Band 4	3	20385	15	#0	16QAM	HV	NT	-25.3 8	-0.01 4	-2.5	2.5	PASS
Band 4	5	19975	25	#0	QPSK	LV	NT	-5.51 3	-0.00 3	-2.5	2.5	PASS
Band 4	5	19975	25	#0	QPSK	NV	NT	-8.48 5	-0.00 5	-2.5	2.5	PASS
Band 4	5	19975	25	#0	QPSK	HV	NT	-31.2 6	-0.01 8	-2.5	2.5	PASS
Band 4	5	19975	25	#0	16QAM	LV	NT	-26.4 8	-0.01 8	-2.5	2.5	PASS

4								4	5			
Band 4	5	19975	25	#0	16QAM	NV	NT	-35.12	-0.021	-2.5	2.5	PASS
Band 4	5	19975	25	#0	16QAM	HV	NT	-23.06	-0.013	-2.5	2.5	PASS
Band 4	5	20175	25	#0	QPSK	LV	NT	-15.25	-0.009	-2.5	2.5	PASS
Band 4	5	20175	25	#0	QPSK	NV	NT	-40.56	-0.023	-2.5	2.5	PASS
Band 4	5	20175	25	#0	QPSK	HV	NT	-27.09	-0.016	-2.5	2.5	PASS
Band 4	5	20175	25	#0	16QAM	LV	NT	-18.51	-0.011	-2.5	2.5	PASS
Band 4	5	20175	25	#0	16QAM	NV	NT	-8.15	-0.005	-2.5	2.5	PASS
Band 4	5	20175	25	#0	16QAM	HV	NT	-21.53	-0.012	-2.5	2.5	PASS
Band 4	5	20375	25	#0	QPSK	LV	NT	-14.92	-0.009	-2.5	2.5	PASS
Band 4	5	20375	25	#0	QPSK	NV	NT	-41.24	-0.024	-2.5	2.5	PASS
Band 4	5	20375	25	#0	QPSK	HV	NT	-19.94	-0.011	-2.5	2.5	PASS
Band 4	5	20375	25	#0	16QAM	LV	NT	-29.88	-0.017	-2.5	2.5	PASS
Band 4	5	20375	25	#0	16QAM	NV	NT	-14.16	-0.008	-2.5	2.5	PASS
Band 4	5	20375	25	#0	16QAM	HV	NT	-11.57	-0.007	-2.5	2.5	PASS
Band 4	10	20000	50	#0	QPSK	LV	NT	12.37	0.007	-2.5	2.5	PASS
Band 4	10	20000	50	#0	QPSK	NV	NT	-23.37	-0.014	-2.5	2.5	PASS
Band 4	10	20000	50	#0	QPSK	HV	NT	-24.75	-0.014	-2.5	2.5	PASS
Band 4	10	20000	50	#0	16QAM	LV	NT	-29.18	-0.017	-2.5	2.5	PASS
Band 4	10	20000	50	#0	16QAM	NV	NT	-38.19	-0.022	-2.5	2.5	PASS
Band 4	10	20000	50	#0	16QAM	HV	NT	-32.04	-0.019	-2.5	2.5	PASS
Band 4	10	20175	50	#0	QPSK	LV	NT	0.00	0.000	-2.5	2.5	PASS

Band 4	10	20175	50	#0	QPSK	NV	NT	-24.4 0	-0.01 4	-2.5	2.5	PASS
Band 4	10	20175	50	#0	QPSK	HV	NT	-2.40	-0.00 1	-2.5	2.5	PASS
Band 4	10	20175	50	#0	16QAM	LV	NT	-31.9 9	-0.01 8	-2.5	2.5	PASS
Band 4	10	20175	50	#0	16QAM	NV	NT	-10.3 6	-0.00 6	-2.5	2.5	PASS
Band 4	10	20175	50	#0	16QAM	HV	NT	-20.6 4	-0.01 2	-2.5	2.5	PASS
Band 4	10	20350	50	#0	QPSK	LV	NT	-25.5 3	-0.01 5	-2.5	2.5	PASS
Band 4	10	20350	50	#0	QPSK	NV	NT	-24.0 6	-0.01 4	-2.5	2.5	PASS
Band 4	10	20350	50	#0	QPSK	HV	NT	-35.1 0	-0.02 0	-2.5	2.5	PASS
Band 4	10	20350	50	#0	16QAM	LV	NT	-16.4 4	-0.00 9	-2.5	2.5	PASS
Band 4	10	20350	50	#0	16QAM	NV	NT	-31.1 4	-0.01 8	-2.5	2.5	PASS
Band 4	10	20350	50	#0	16QAM	HV	NT	-38.5 8	-0.02 2	-2.5	2.5	PASS
Band 4	15	20025	75	#0	QPSK	LV	NT	-12.1 7	-0.00 7	-2.5	2.5	PASS
Band 4	15	20025	75	#0	QPSK	NV	NT	-22.1 2	-0.01 3	-2.5	2.5	PASS
Band 4	15	20025	75	#0	QPSK	HV	NT	-34.4 9	-0.02 0	-2.5	2.5	PASS
Band 4	15	20025	75	#0	16QAM	LV	NT	-20.8 9	-0.01 2	-2.5	2.5	PASS
Band 4	15	20025	75	#0	16QAM	NV	NT	-18.7 4	-0.011	-2.5	2.5	PASS
Band 4	15	20025	75	#0	16QAM	HV	NT	-21.8 3	-0.01 3	-2.5	2.5	PASS
Band 4	15	20175	75	#0	QPSK	LV	NT	-13.8 3	-0.00 8	-2.5	2.5	PASS
Band 4	15	20175	75	#0	QPSK	NV	NT	-20.4 3	-0.01 2	-2.5	2.5	PASS
Band 4	15	20175	75	#0	QPSK	HV	NT	-14.4 6	-0.00 8	-2.5	2.5	PASS
Band 4	15	20175	75	#0	16QAM	LV	NT	-34.6 8	-0.02 0	-2.5	2.5	PASS
Band 4	15	20175	75	#0	16QAM	NV	NT	-41.8	-0.02	-2.5	2.5	PASS

4								0	4			
Band 4	15	20175	75	#0	16QAM	HV	NT	-45.69	-0.026	-2.5	2.5	PASS
Band 4	15	20325	75	#0	QPSK	LV	NT	-18.61	-0.011	-2.5	2.5	PASS
Band 4	15	20325	75	#0	QPSK	NV	NT	-25.78	-0.015	-2.5	2.5	PASS
Band 4	15	20325	75	#0	QPSK	HV	NT	-23.75	-0.014	-2.5	2.5	PASS
Band 4	15	20325	75	#0	16QAM	LV	NT	-13.66	-0.008	-2.5	2.5	PASS
Band 4	15	20325	75	#0	16QAM	NV	NT	-7.04	-0.004	-2.5	2.5	PASS
Band 4	15	20325	75	#0	16QAM	HV	NT	-14.29	-0.008	-2.5	2.5	PASS
Band 4	20	20050	100	#0	QPSK	LV	NT	0.00	0.000	-2.5	2.5	PASS
Band 4	20	20050	100	#0	QPSK	NV	NT	-29.41	-0.017	-2.5	2.5	PASS
Band 4	20	20050	100	#0	QPSK	HV	NT	-30.30	-0.018	-2.5	2.5	PASS
Band 4	20	20050	100	#0	16QAM	LV	NT	-28.37	-0.016	-2.5	2.5	PASS
Band 4	20	20050	100	#0	16QAM	NV	NT	-19.35	-0.011	-2.5	2.5	PASS
Band 4	20	20050	100	#0	16QAM	HV	NT	-24.99	-0.015	-2.5	2.5	PASS
Band 4	20	20175	100	#0	QPSK	LV	NT	0.00	0.000	-2.5	2.5	PASS
Band 4	20	20175	100	#0	QPSK	NV	NT	-25.15	-0.015	-2.5	2.5	PASS
Band 4	20	20175	100	#0	QPSK	HV	NT	-29.25	-0.017	-2.5	2.5	PASS
Band 4	20	20175	100	#0	16QAM	LV	NT	-28.50	-0.016	-2.5	2.5	PASS
Band 4	20	20175	100	#0	16QAM	NV	NT	-23.67	-0.014	-2.5	2.5	PASS
Band 4	20	20175	100	#0	16QAM	HV	NT	-32.92	-0.019	-2.5	2.5	PASS
Band 4	20	20300	100	#0	QPSK	LV	NT	-27.01	-0.015	-2.5	2.5	PASS
Band 4	20	20300	100	#0	QPSK	NV	NT	-11.37	-0.007	-2.5	2.5	PASS

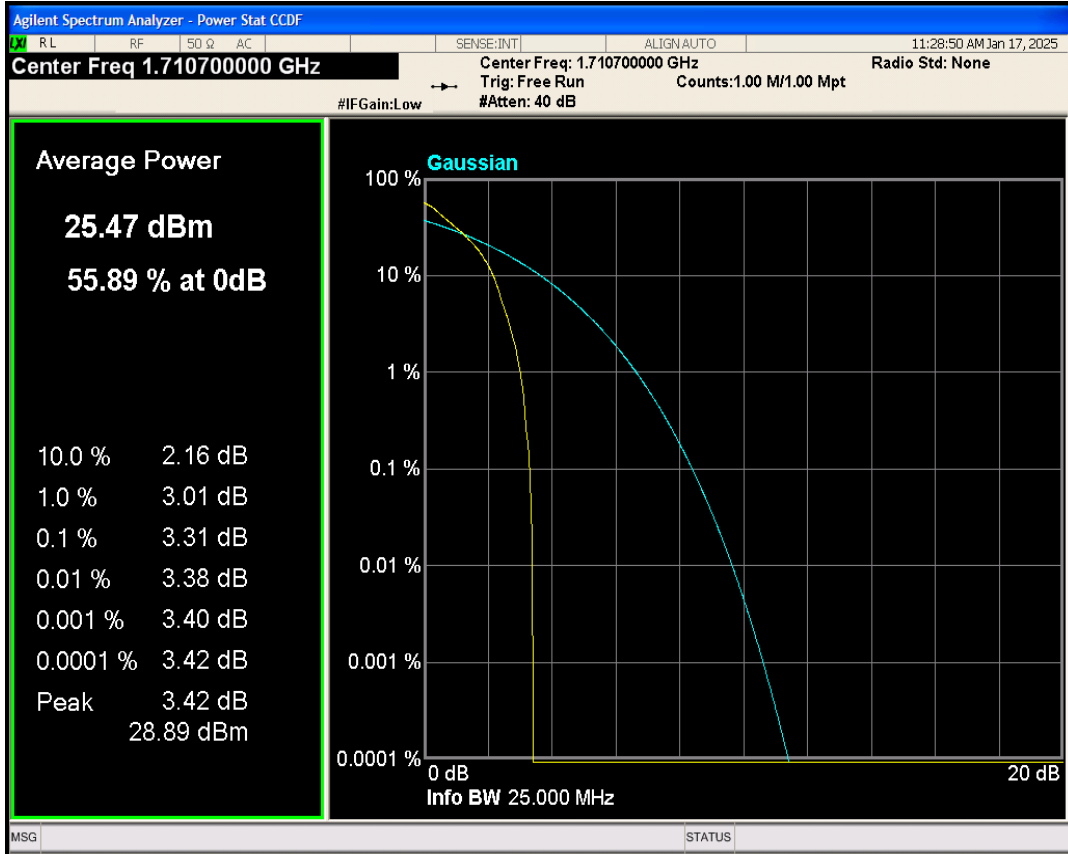
Band 4	20	20300	100	#0	QPSK	HV	NT	-27.5 7	-0.01 6	-2.5	2.5	PASS
Band 4	20	20300	100	#0	16QAM	LV	NT	-26.7 9	-0.01 5	-2.5	2.5	PASS
Band 4	20	20300	100	#0	16QAM	NV	NT	-16.8 4	-0.01 0	-2.5	2.5	PASS
Band 4	20	20300	100	#0	16QAM	HV	NT	-25.8 6	-0.01 5	-2.5	2.5	PASS



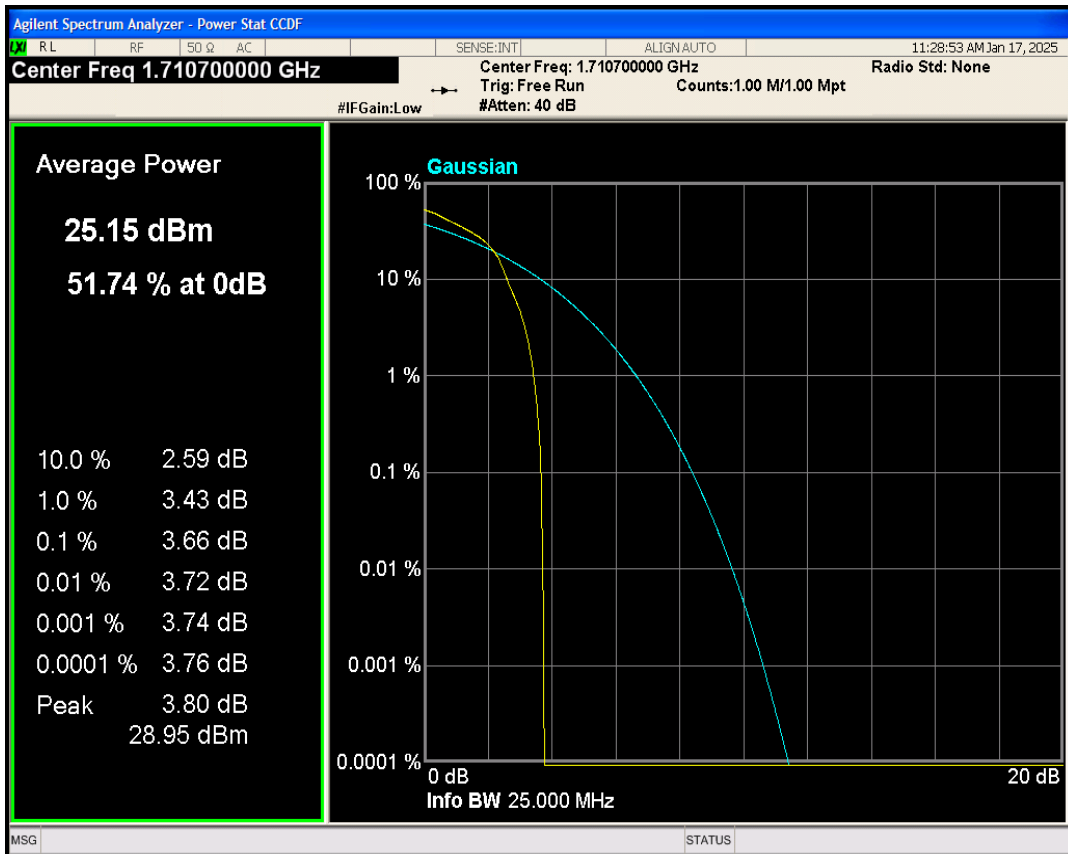
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	19957	1	#0	QPSK	3.31	13	PASS
Band4	1.4	19957	1	#0	16QAM	3.66	13	PASS
Band4	1.4	20175	1	#0	QPSK	3.44	13	PASS
Band4	1.4	20175	1	#0	16QAM	4.50	13	PASS
Band4	1.4	20393	1	#0	QPSK	3.61	13	PASS
Band4	1.4	20393	1	#0	16QAM	4.55	13	PASS
Band4	3	19965	1	#0	QPSK	3.23	13	PASS
Band4	3	19965	1	#0	16QAM	4.19	13	PASS
Band4	3	20175	1	#0	QPSK	3.51	13	PASS
Band4	3	20175	1	#0	16QAM	4.08	13	PASS
Band4	3	20385	1	#0	QPSK	3.31	13	PASS
Band4	3	20385	1	#0	16QAM	4.21	13	PASS
Band4	5	19975	1	#0	QPSK	3.08	13	PASS
Band4	5	19975	1	#0	16QAM	4.03	13	PASS
Band4	5	20175	1	#0	QPSK	3.77	13	PASS
Band4	5	20175	1	#0	16QAM	4.70	13	PASS
Band4	5	20375	1	#0	QPSK	3.29	13	PASS
Band4	5	20375	1	#0	16QAM	4.53	13	PASS
Band4	10	20000	1	#0	QPSK	3.25	13	PASS
Band4	10	20000	1	#0	16QAM	4.17	13	PASS
Band4	10	20175	1	#0	QPSK	4.01	13	PASS
Band4	10	20175	1	#0	16QAM	5.10	13	PASS
Band4	10	20350	1	#0	QPSK	3.30	13	PASS
Band4	10	20350	1	#0	16QAM	4.50	13	PASS
Band4	15	20025	1	#0	QPSK	5.00	13	PASS
Band4	15	20025	1	#0	16QAM	4.17	13	PASS
Band4	15	20175	1	#0	QPSK	4.51	13	PASS
Band4	15	20175	1	#0	16QAM	5.55	13	PASS
Band4	15	20325	1	#0	QPSK	3.55	13	PASS
Band4	15	20325	1	#0	16QAM	4.40	13	PASS
Band4	20	20050	1	#0	QPSK	5.01	13	PASS
Band4	20	20050	1	#0	16QAM	4.01	13	PASS
Band4	20	20175	1	#0	QPSK	4.65	13	PASS
Band4	20	20175	1	#0	16QAM	5.58	13	PASS
Band4	20	20300	1	#0	QPSK	3.22	13	PASS
Band4	20	20300	1	#0	16QAM	4.12	13	PASS

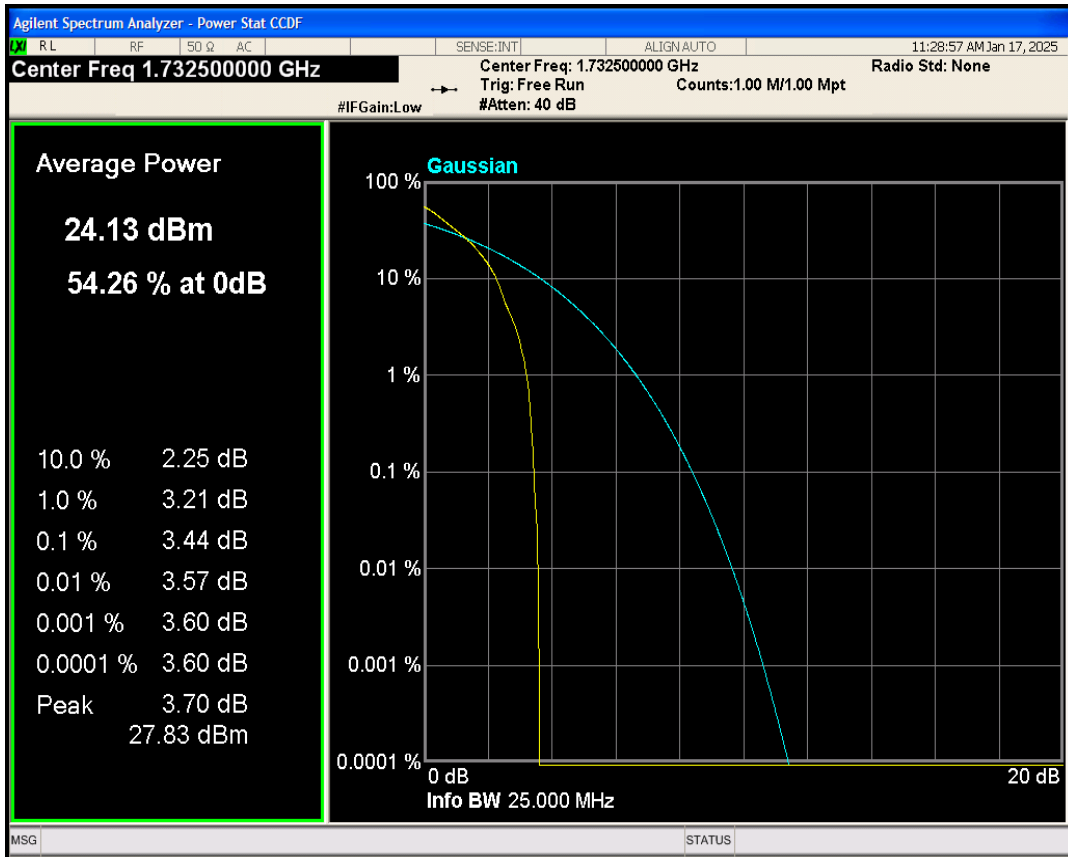
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



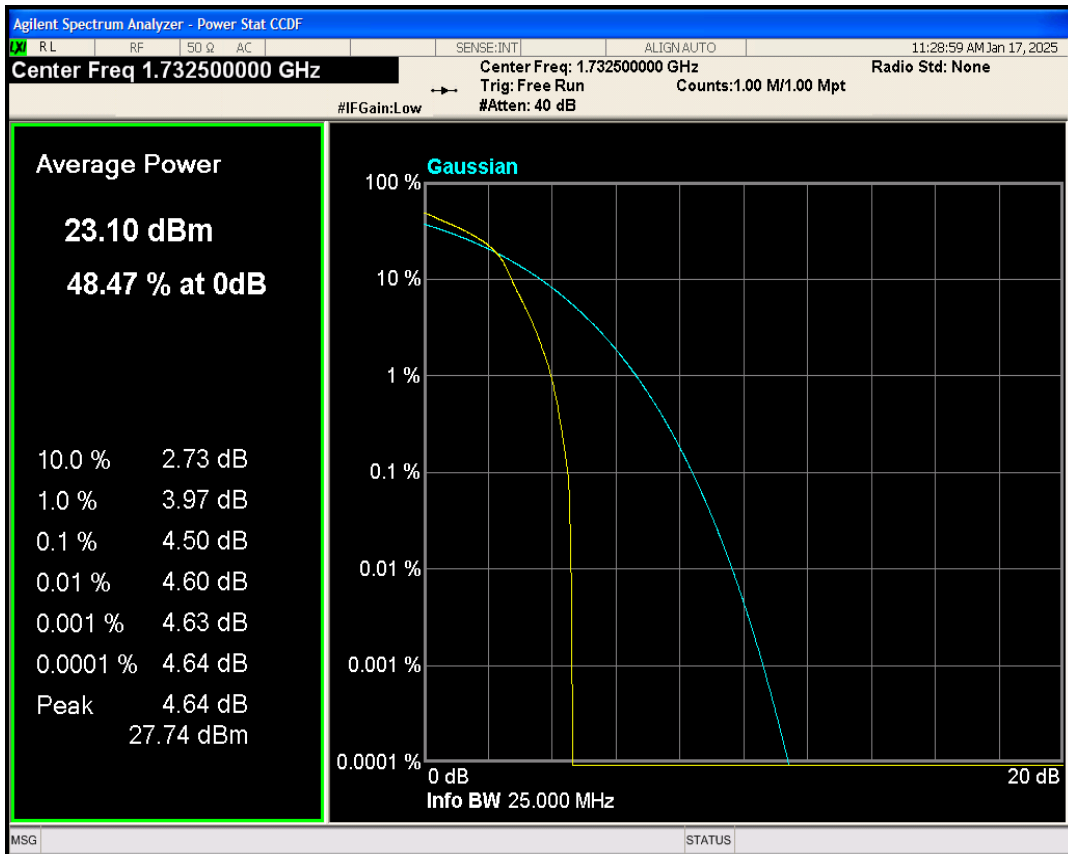
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0



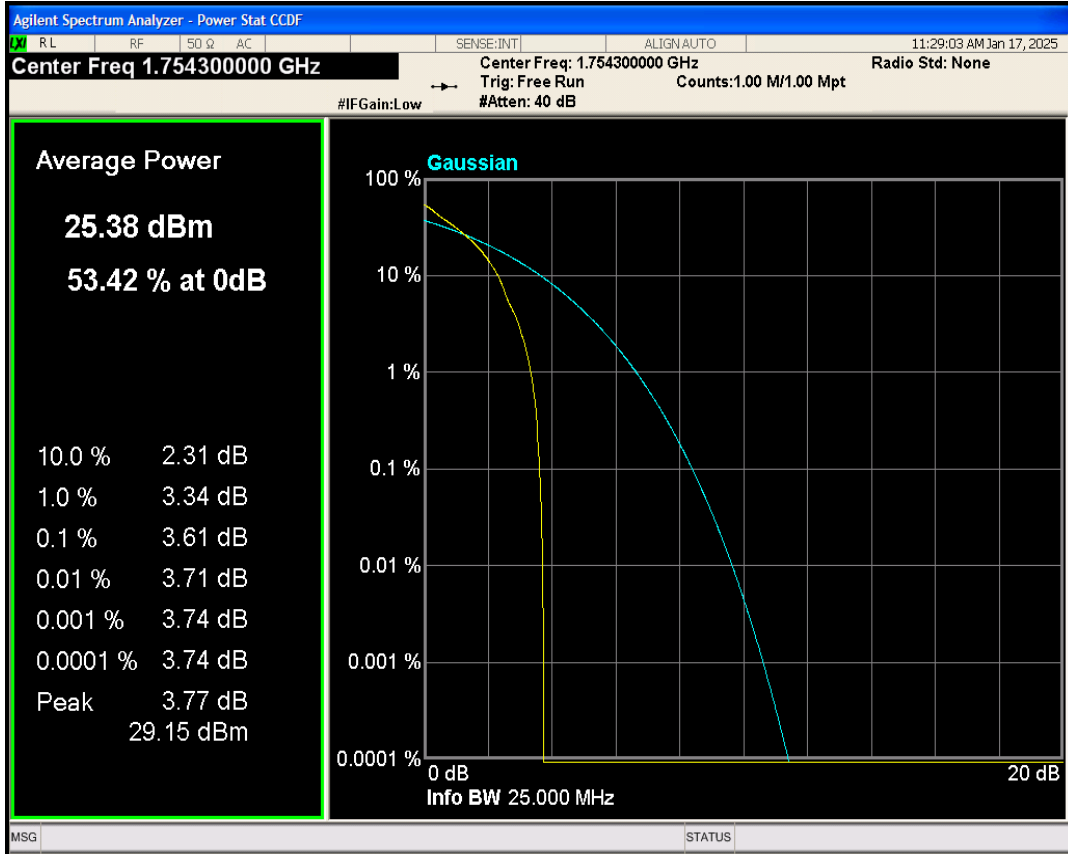
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



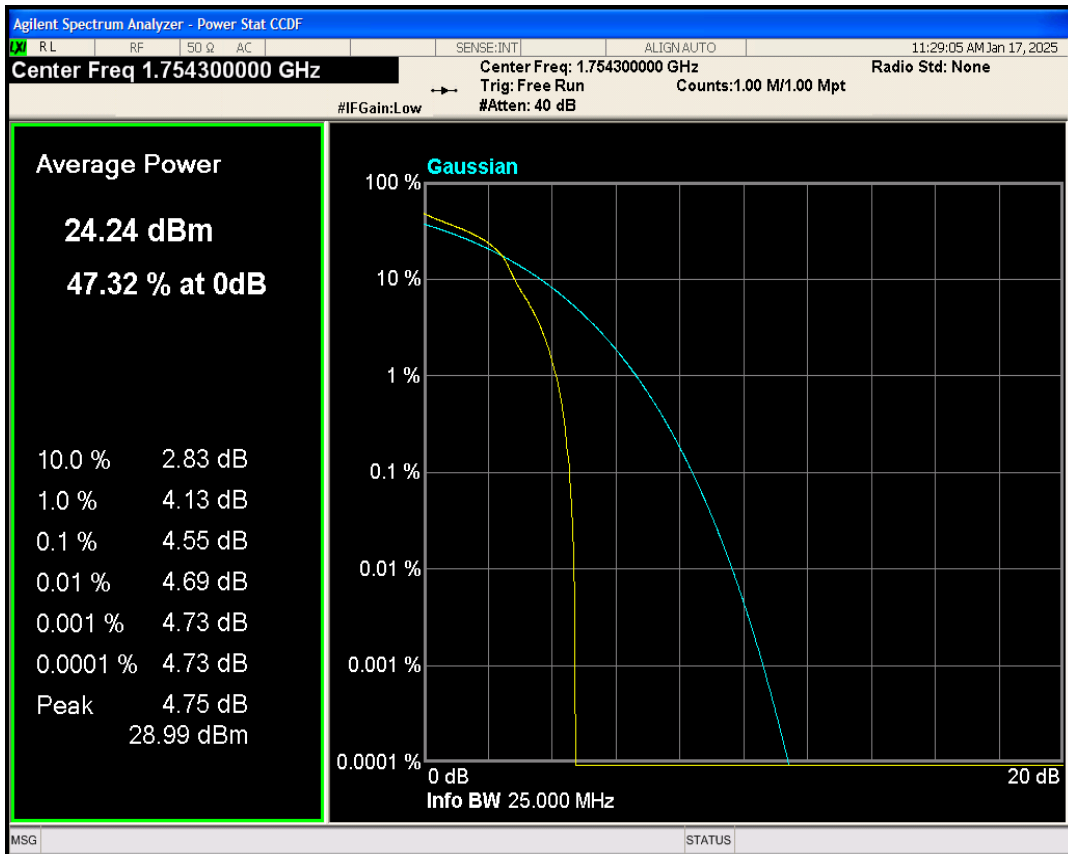
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



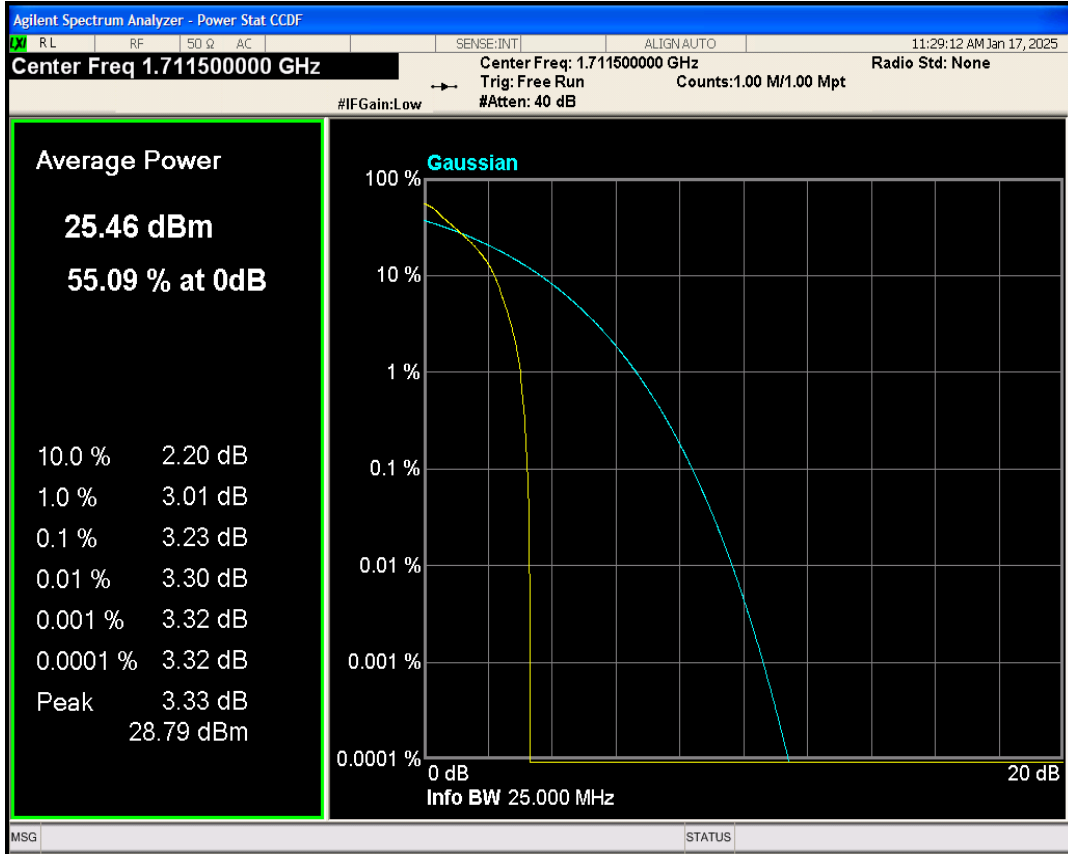
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



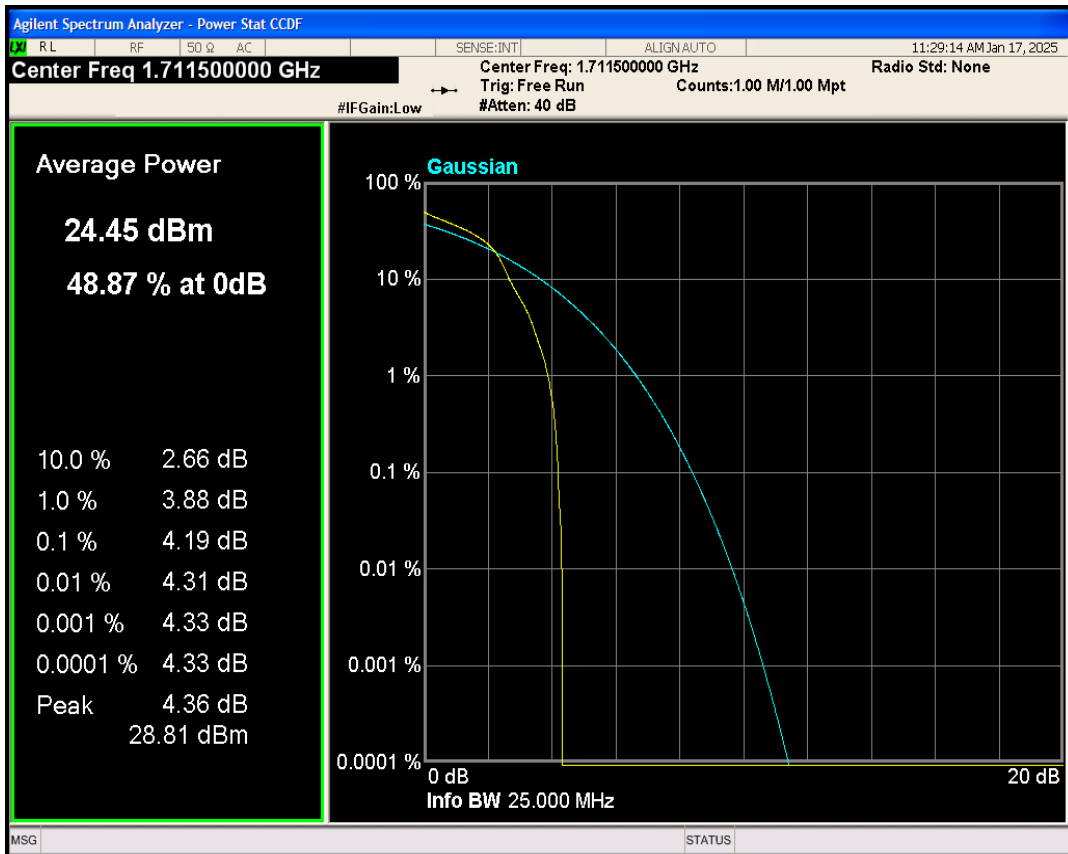
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



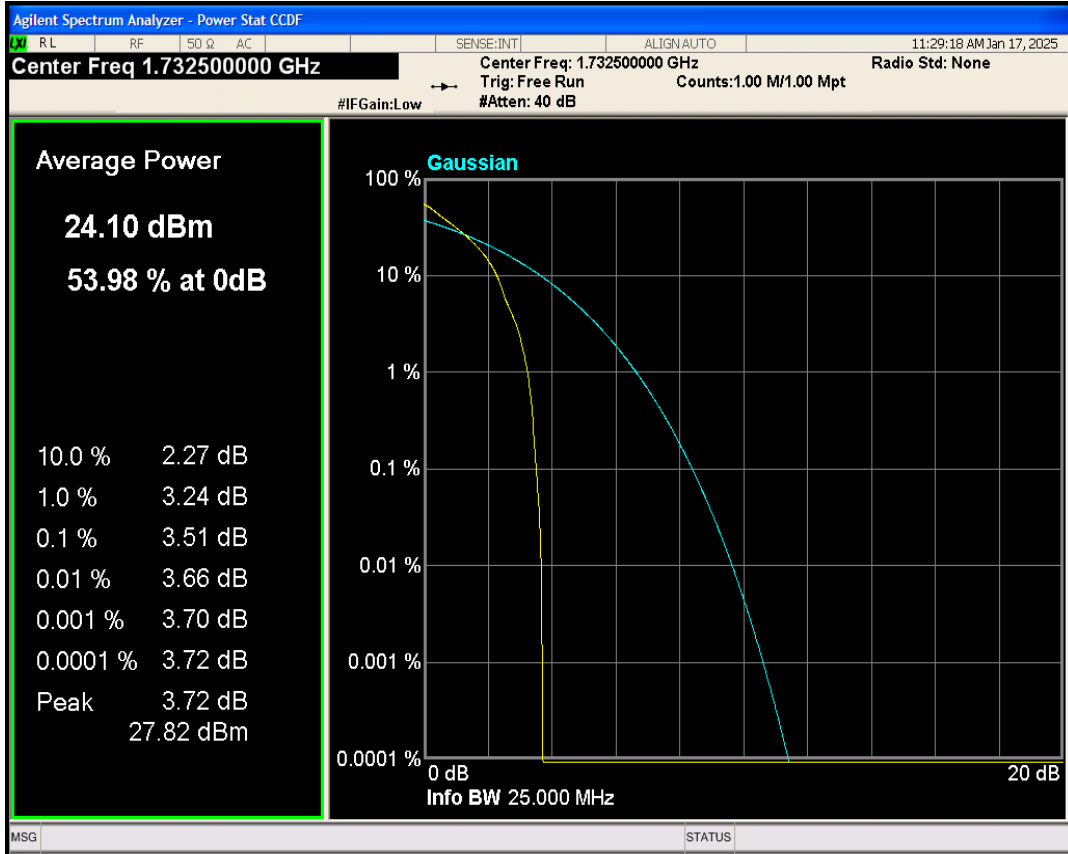
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



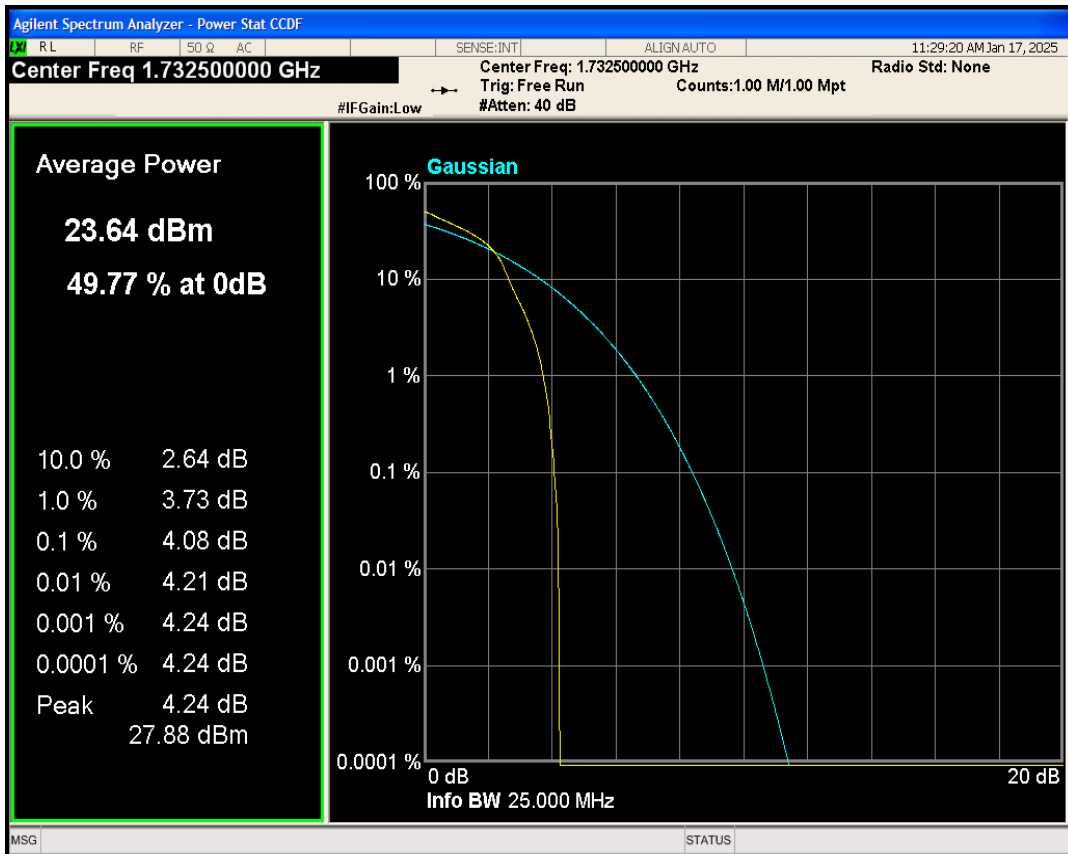
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



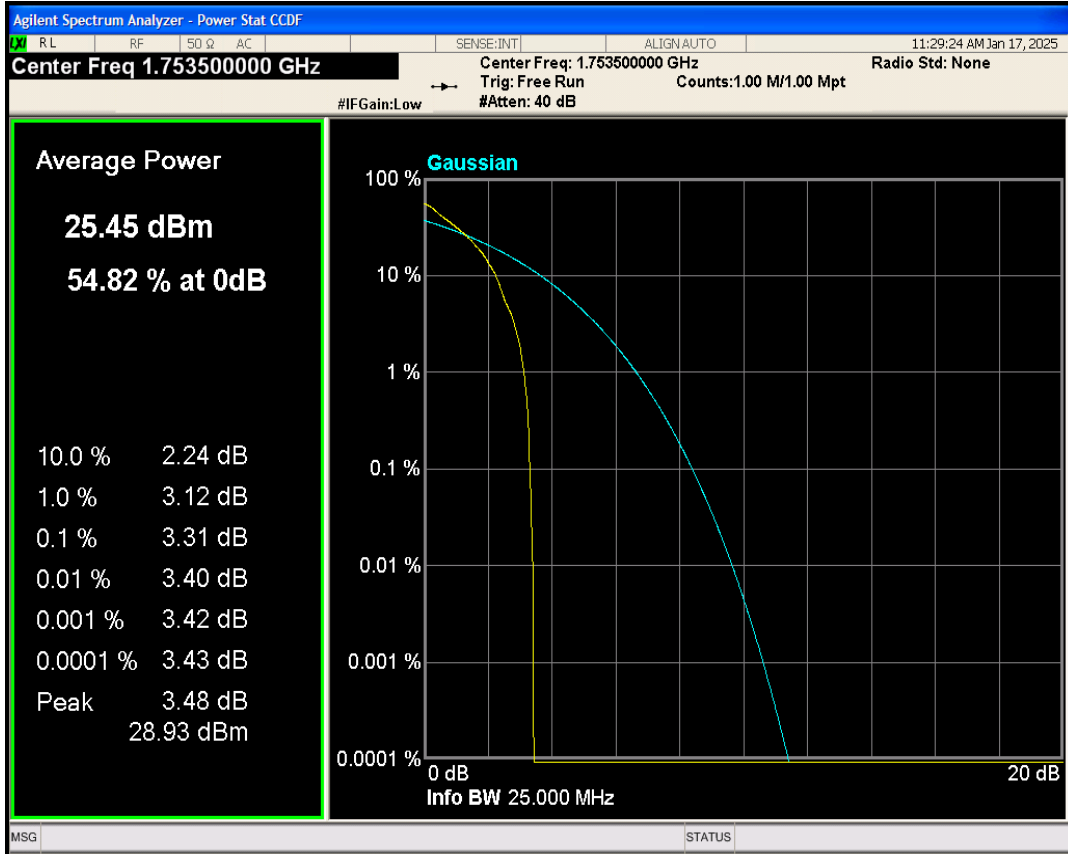
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



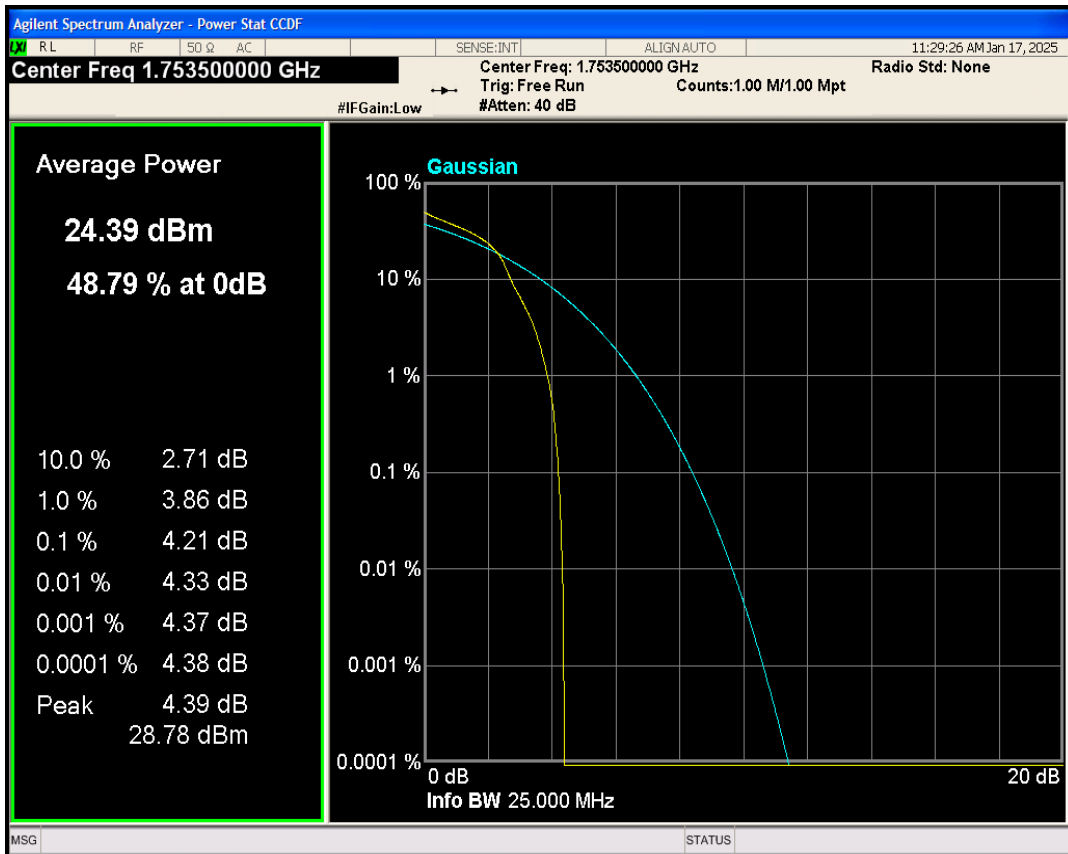
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



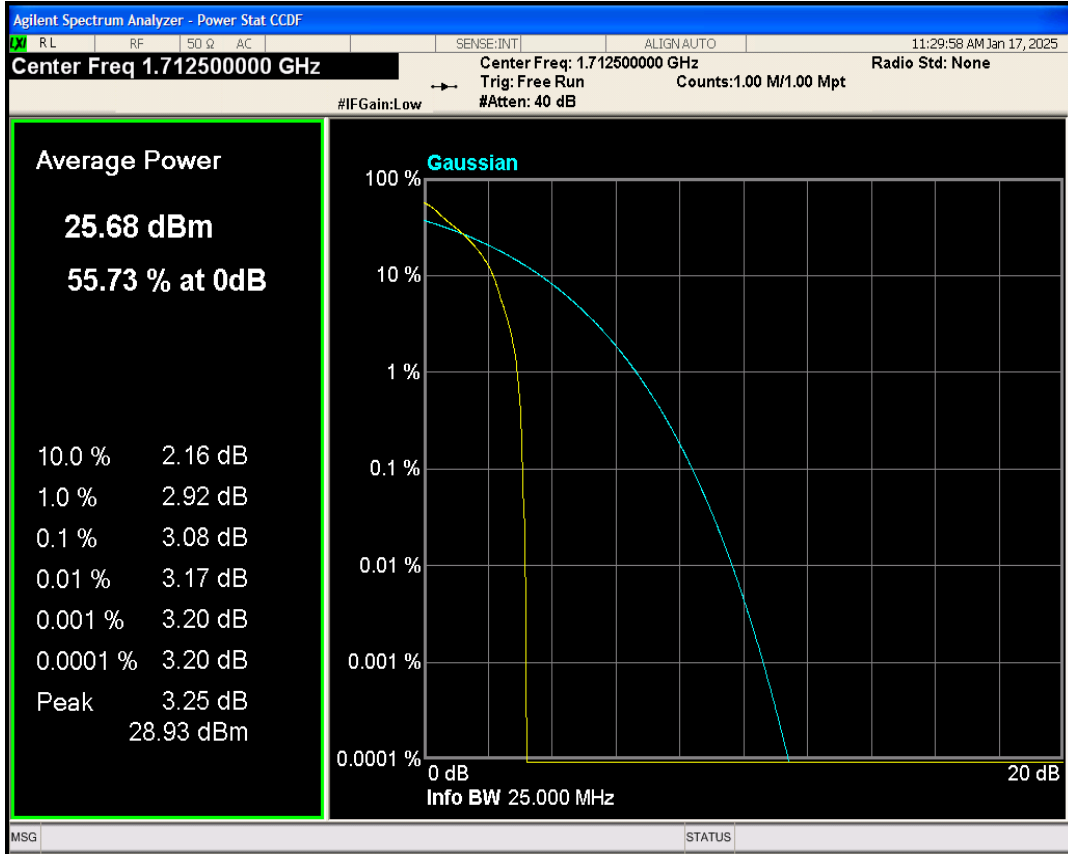
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



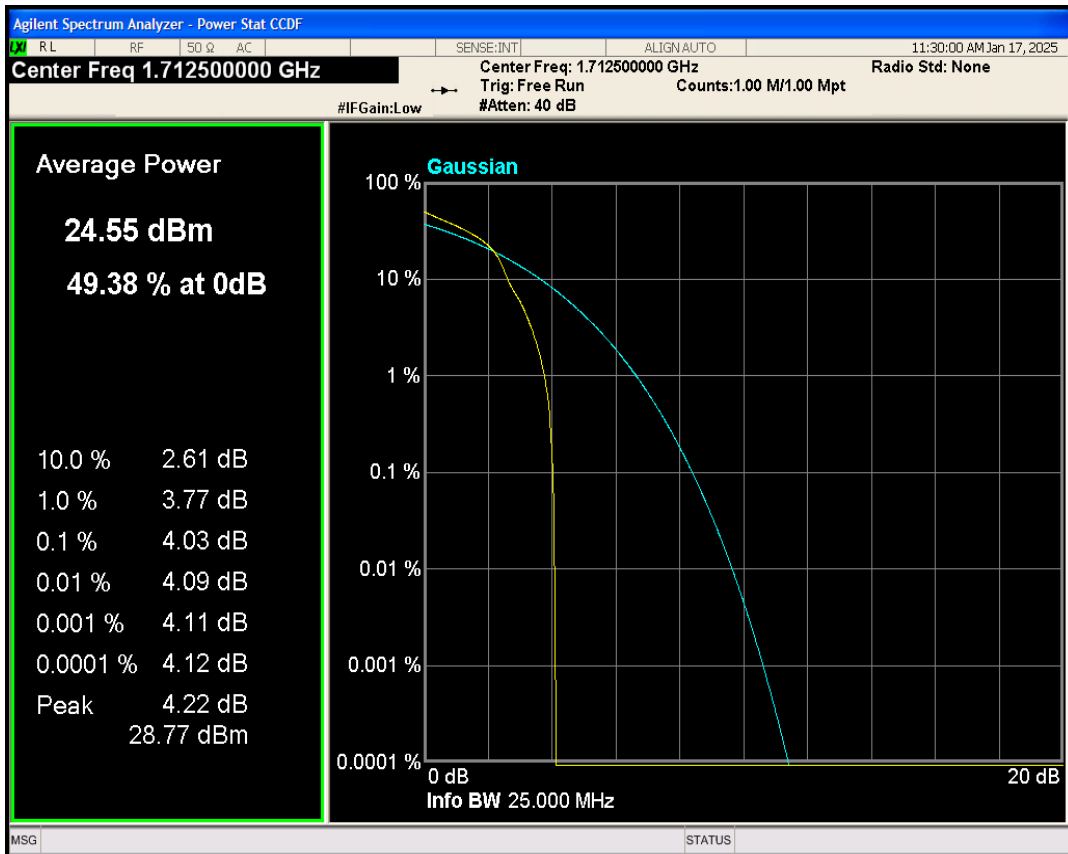
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0



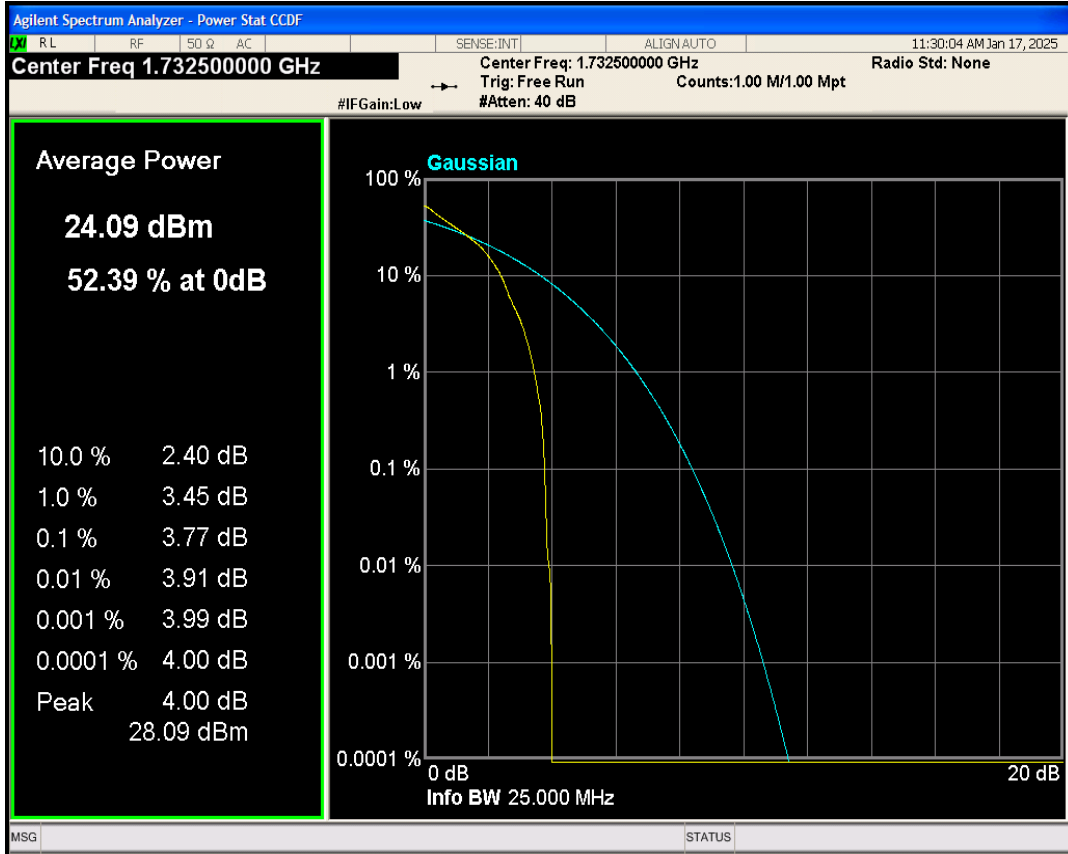
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



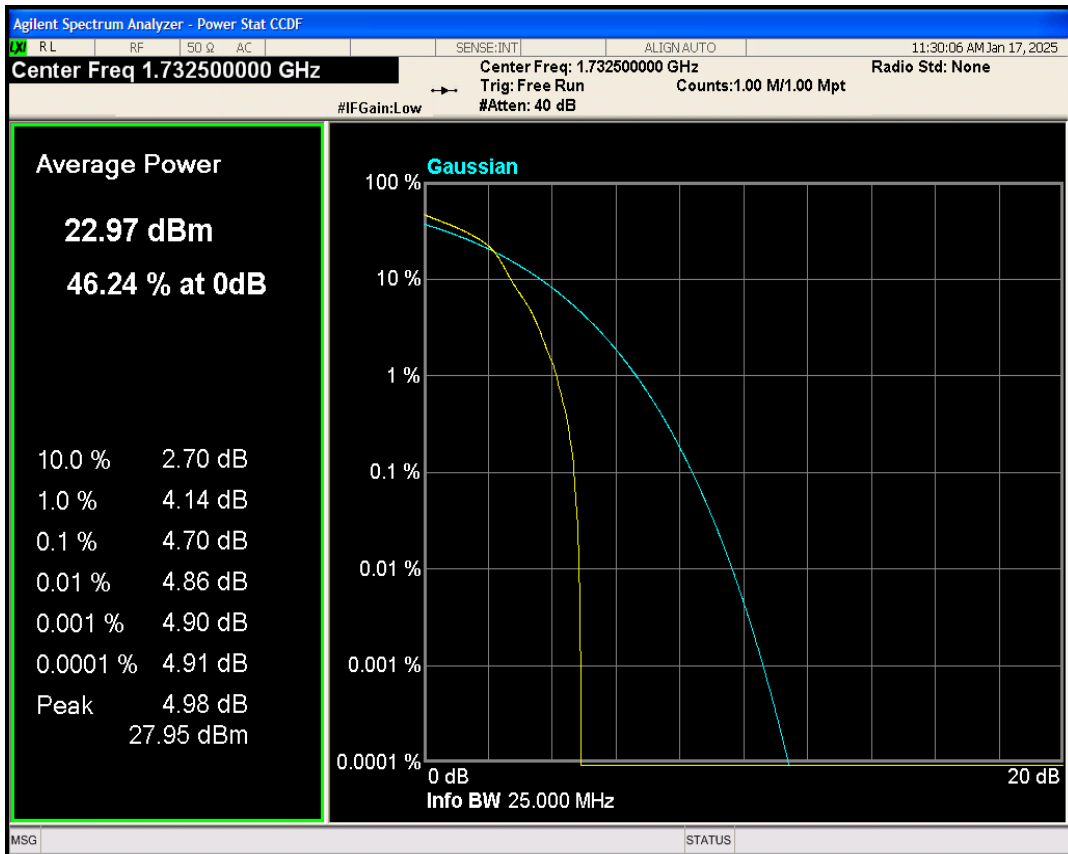
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



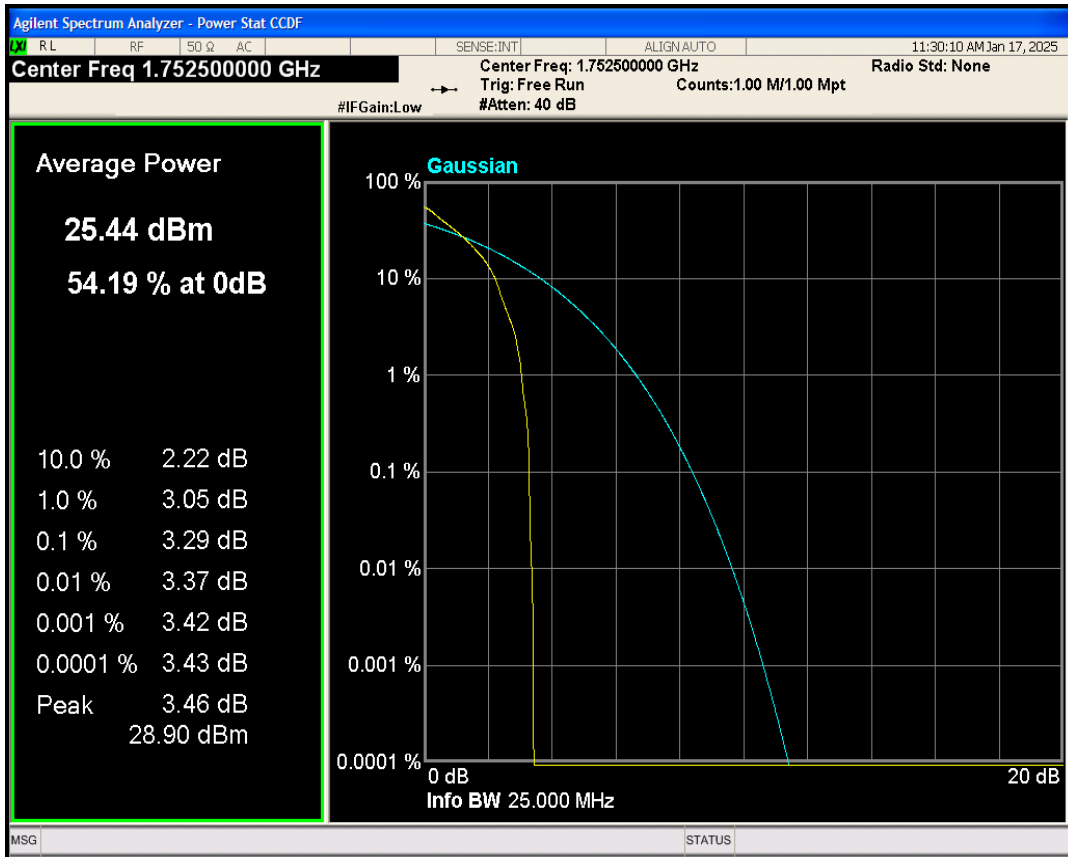
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



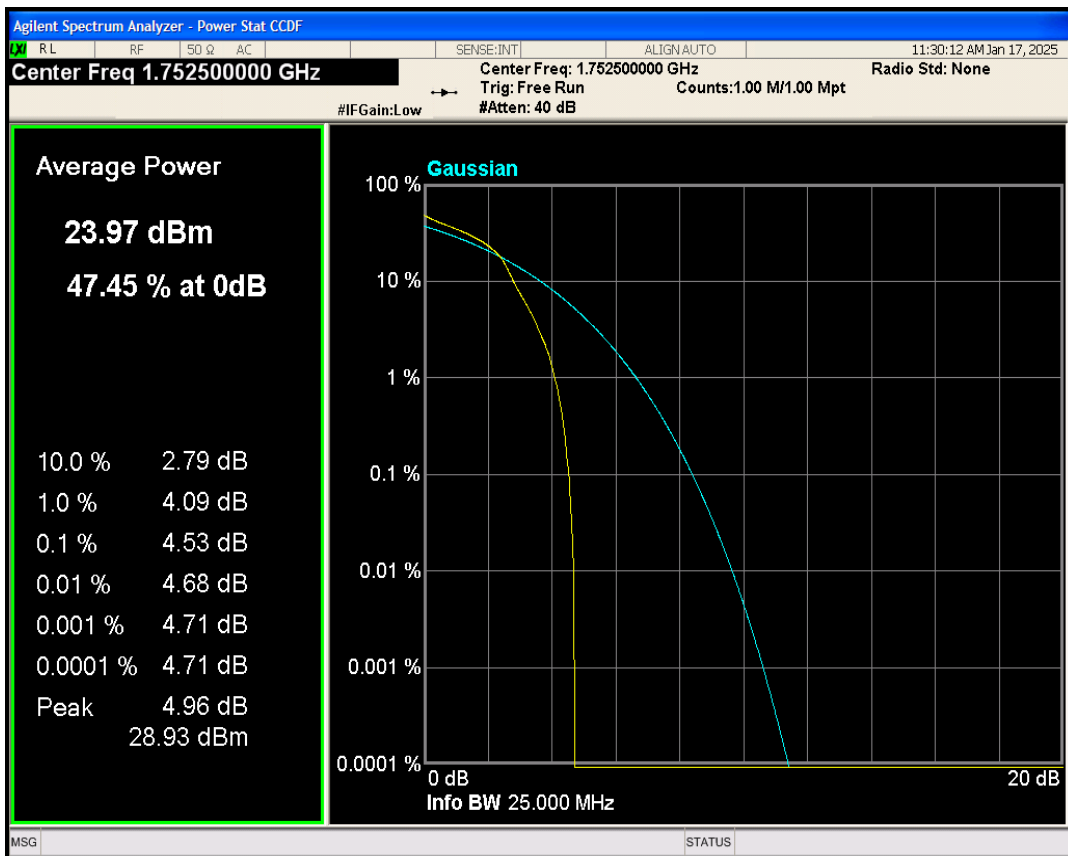
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



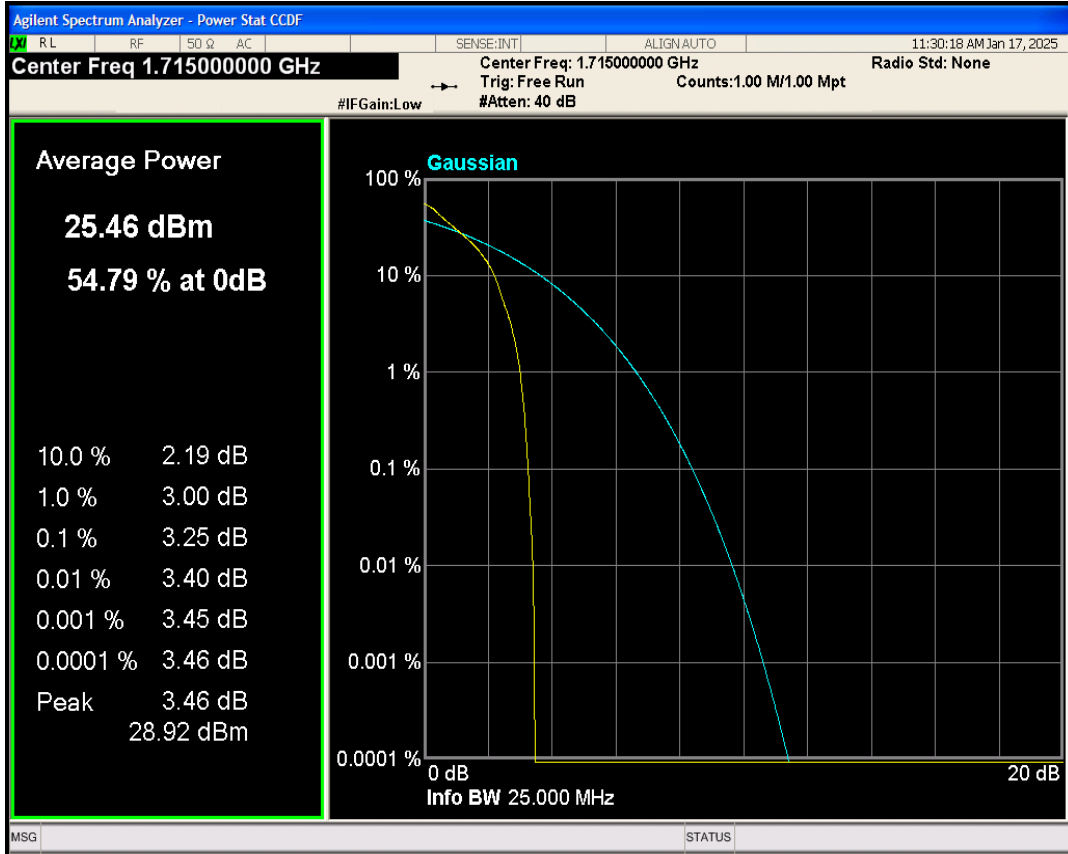
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



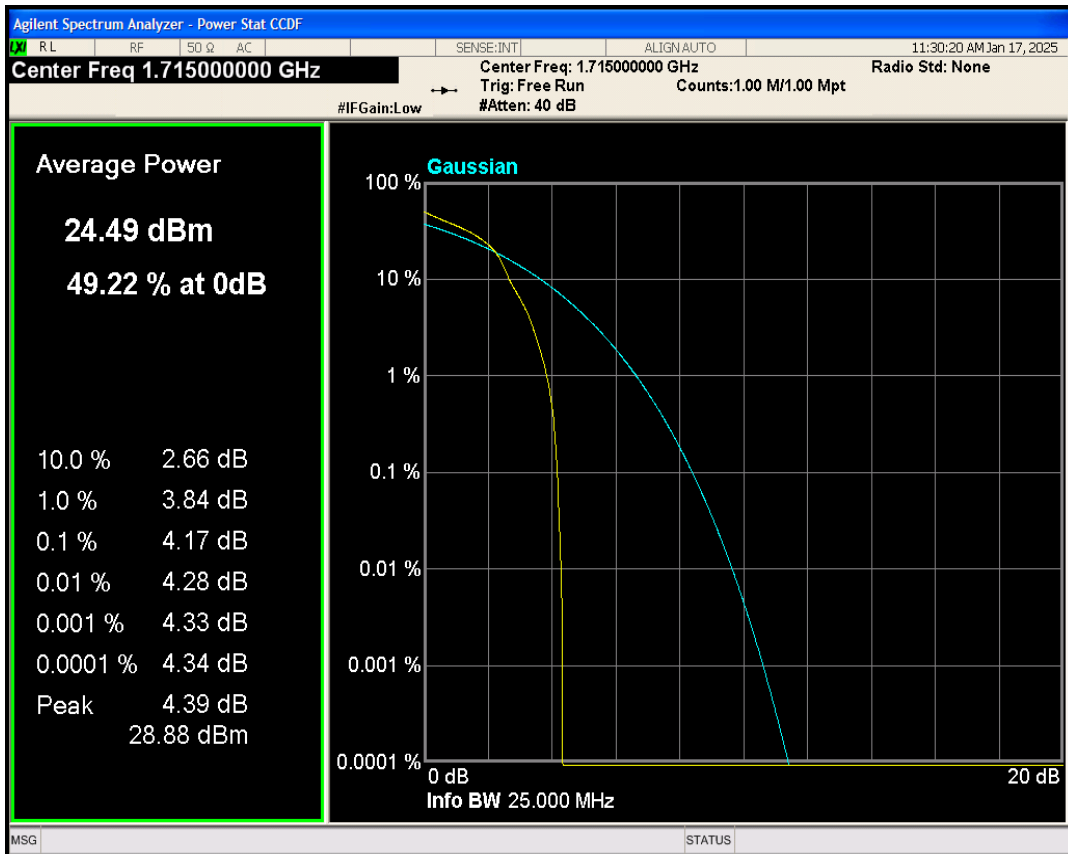
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



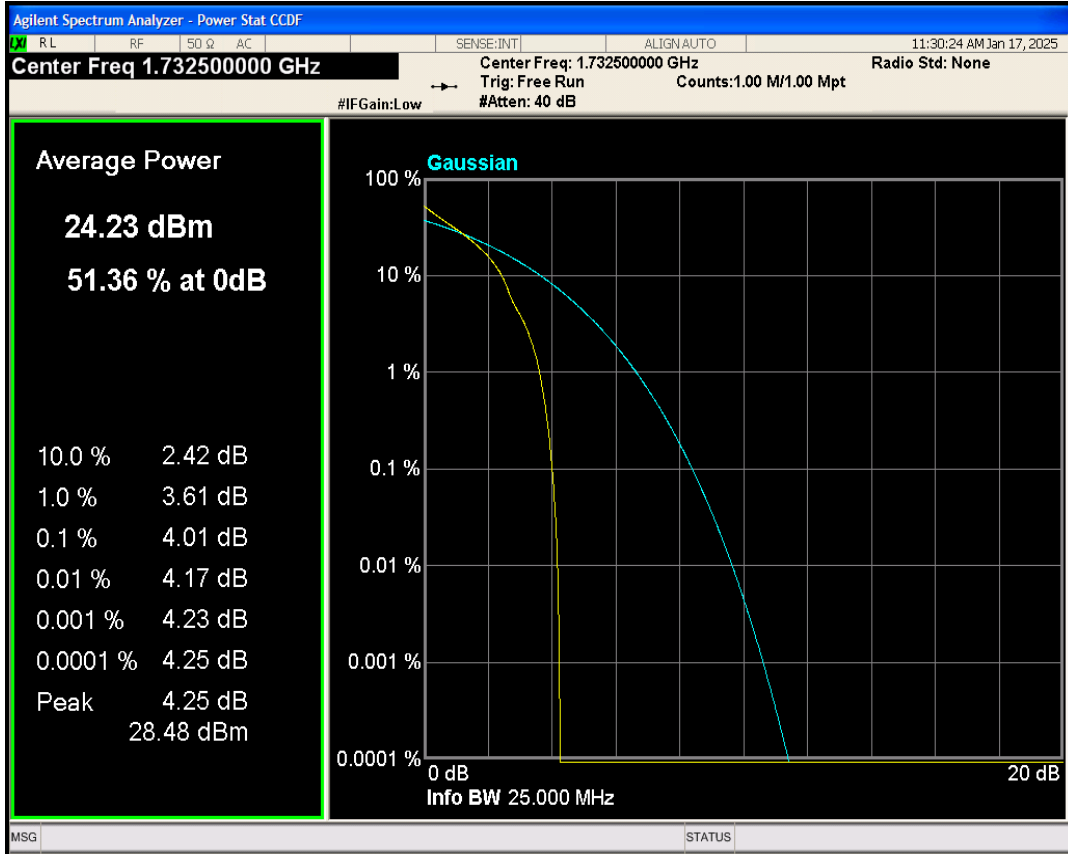
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



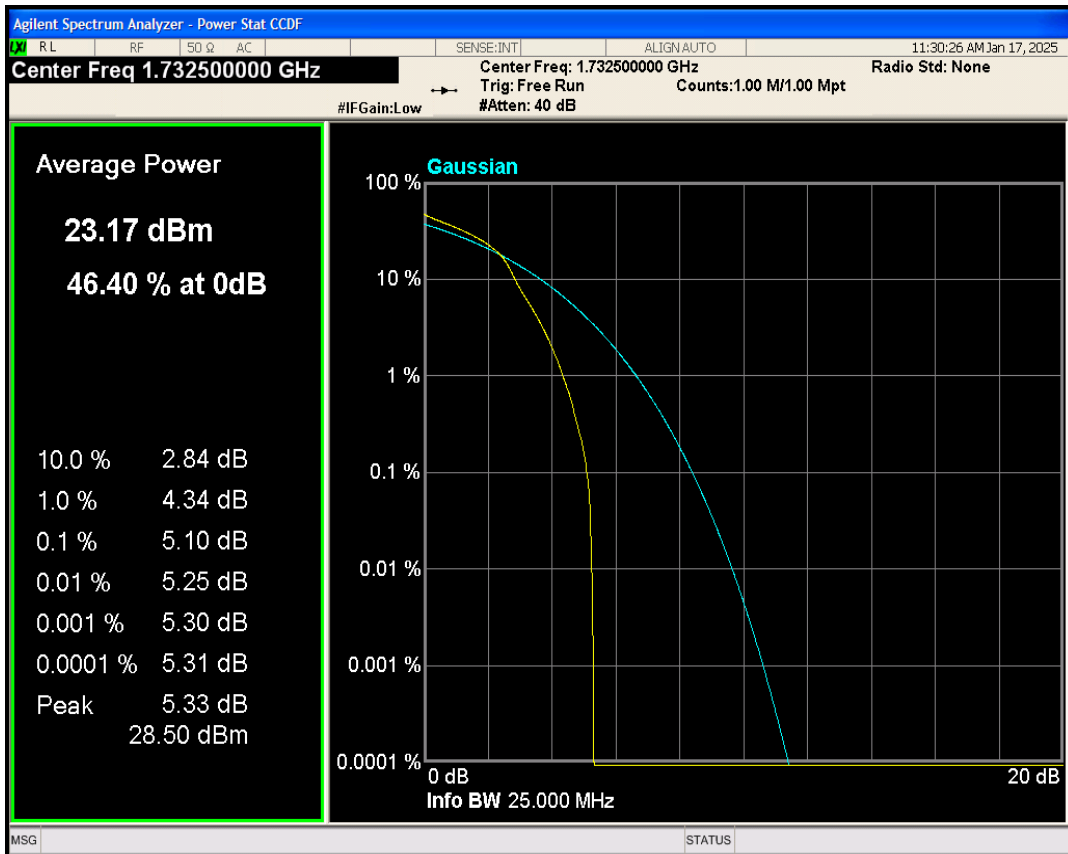
Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



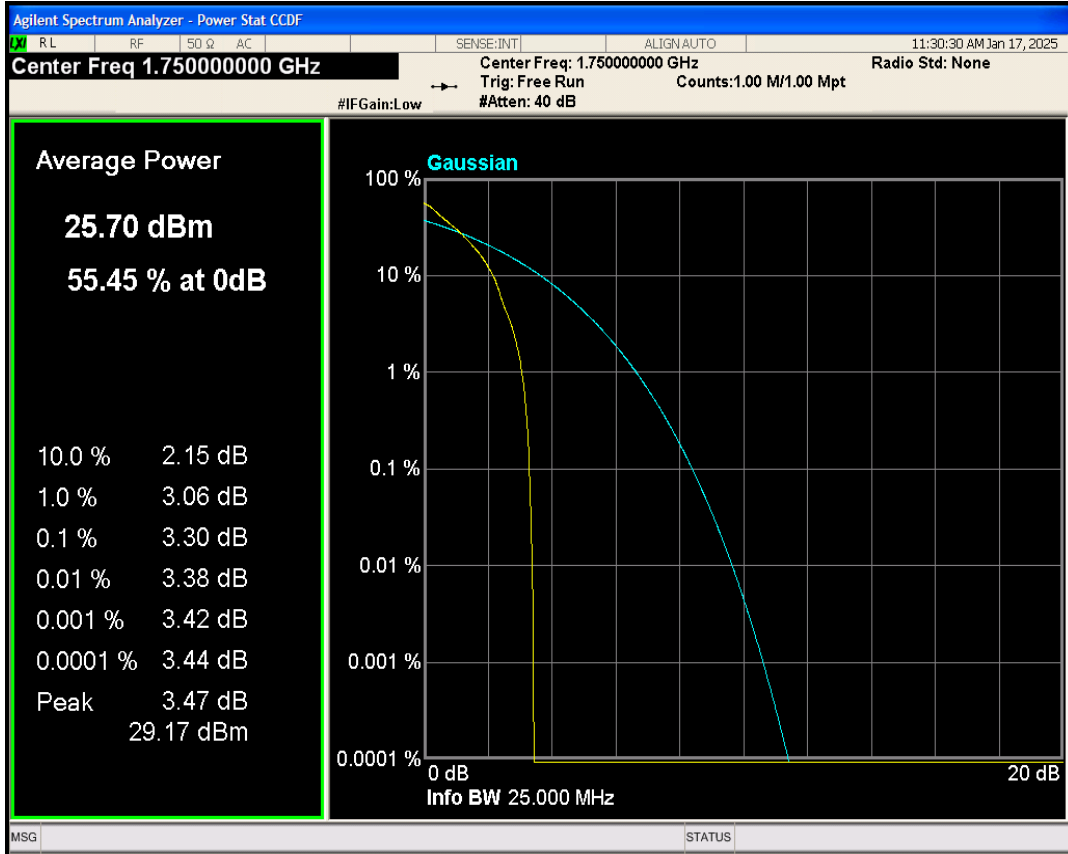
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



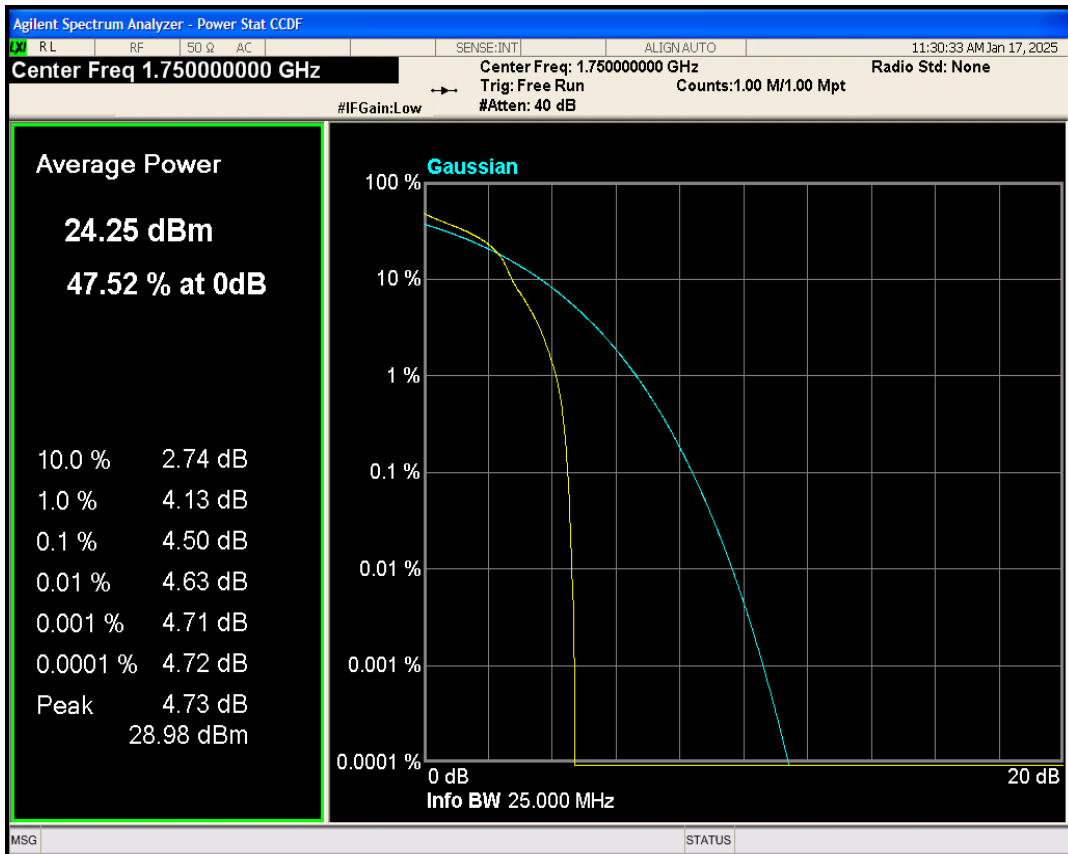
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



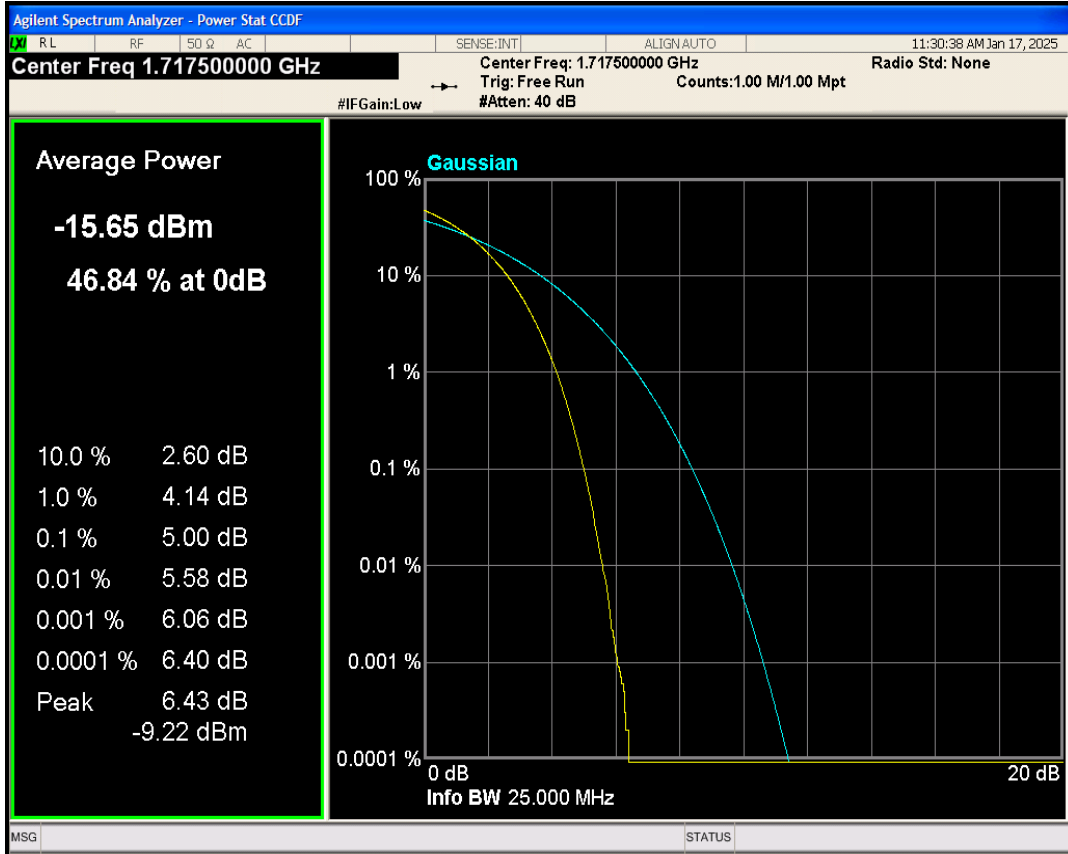
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



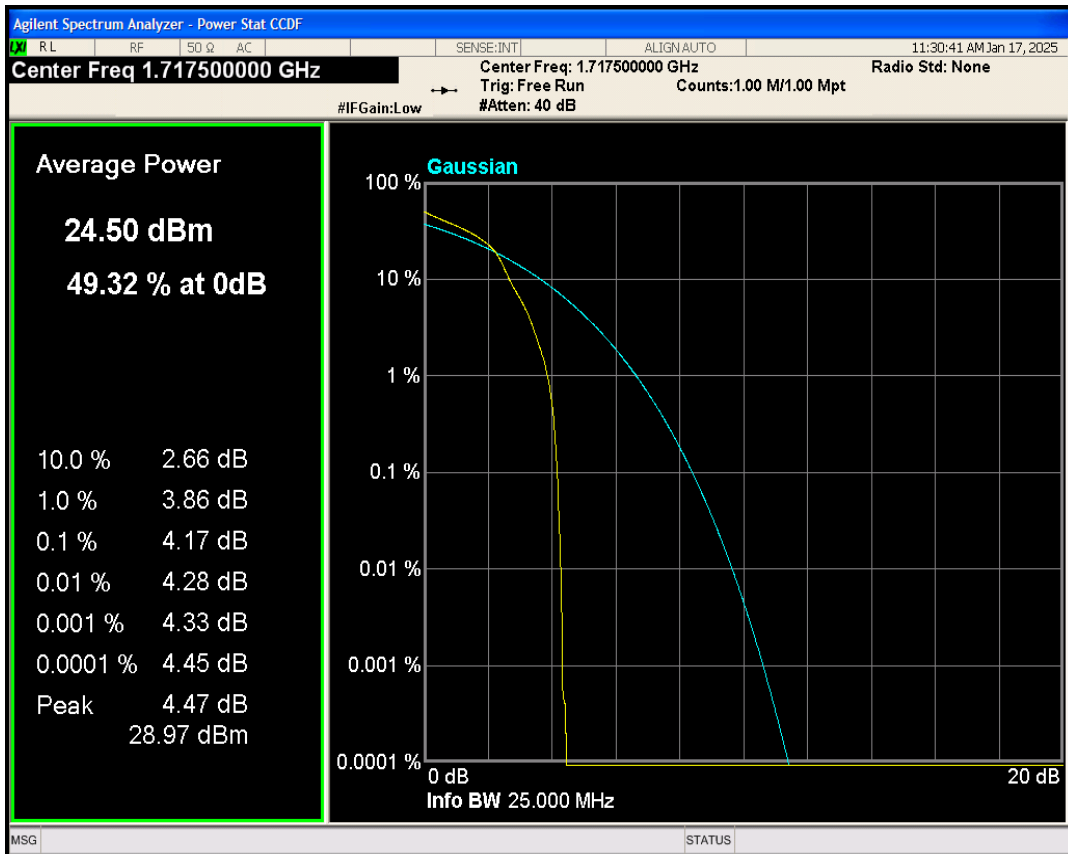
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



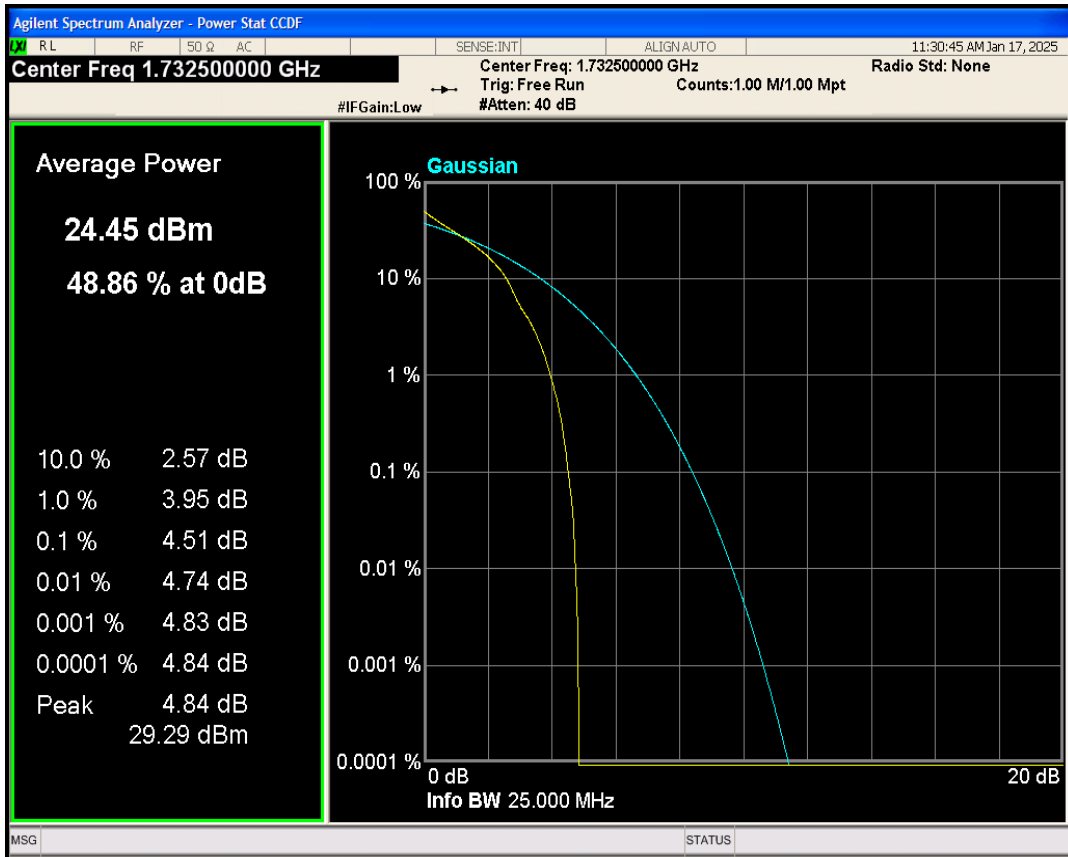
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



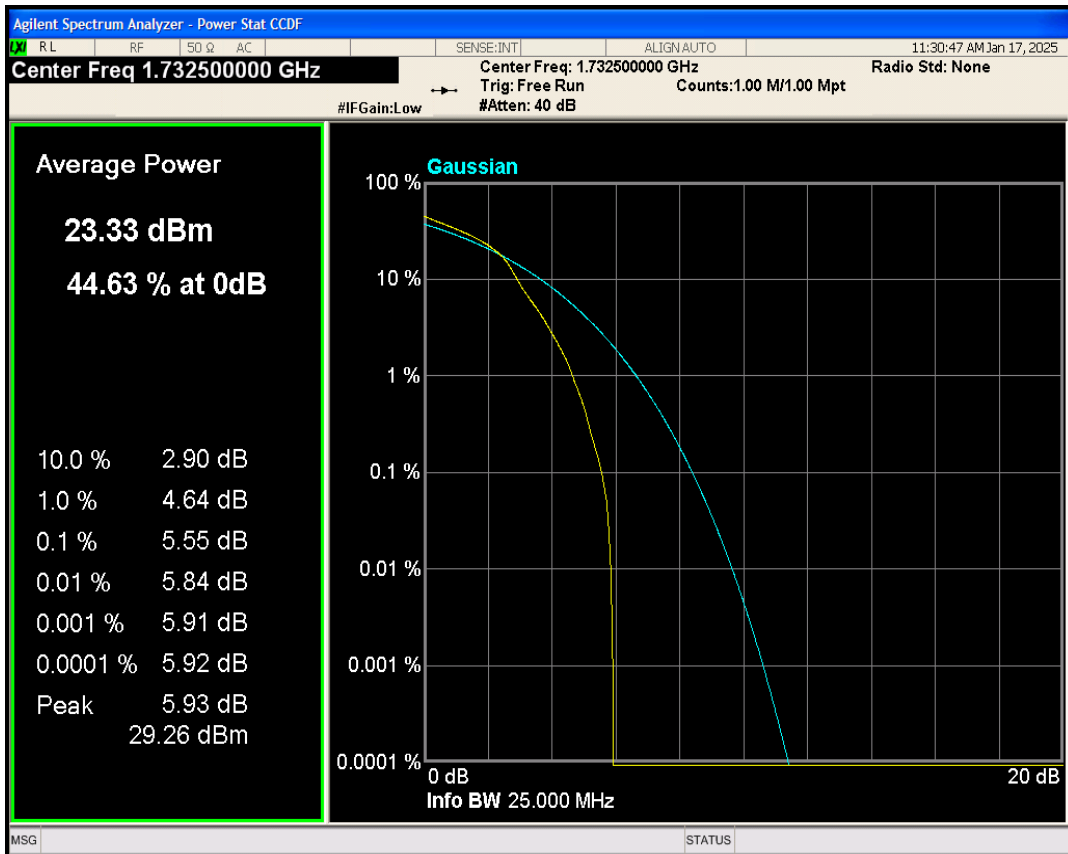
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



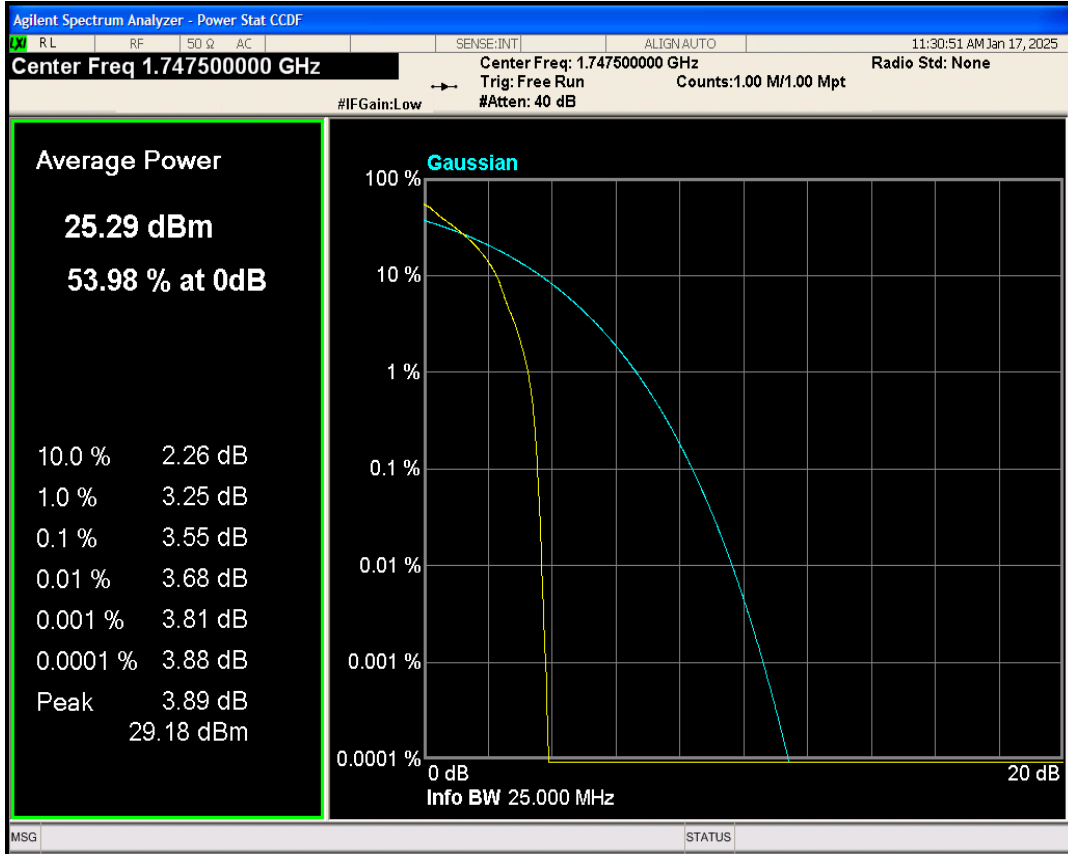
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



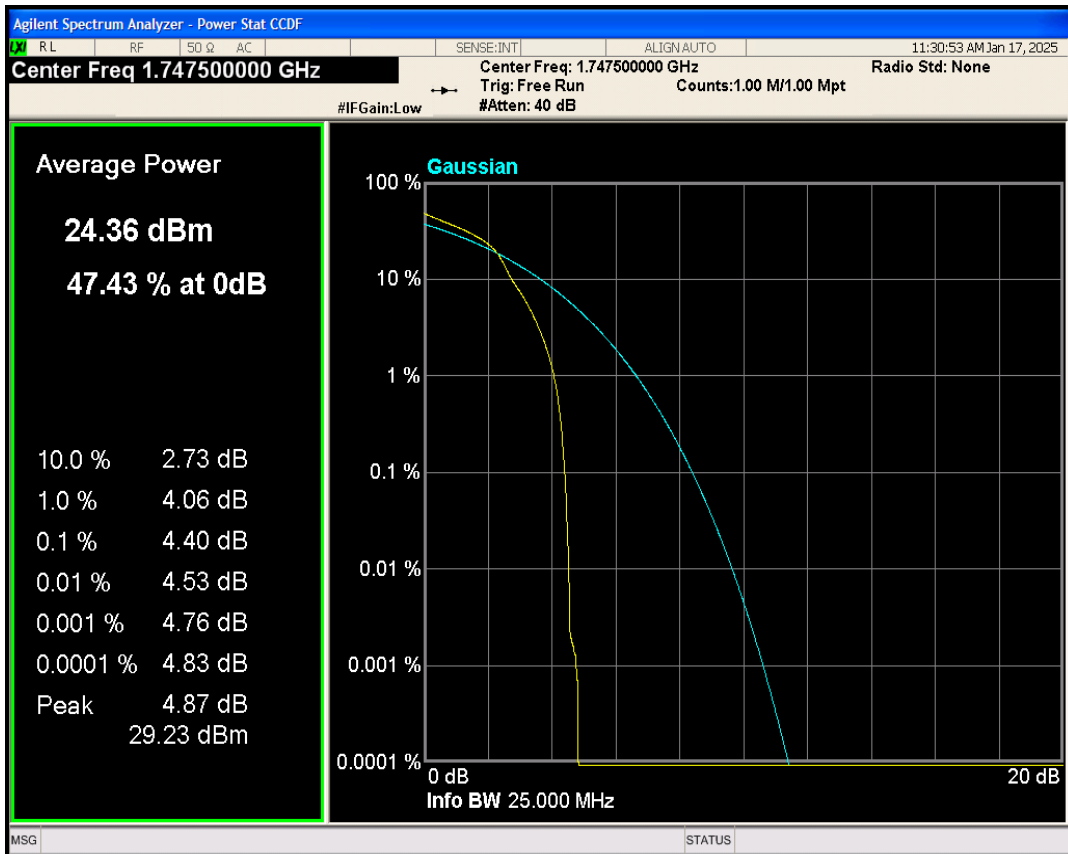
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



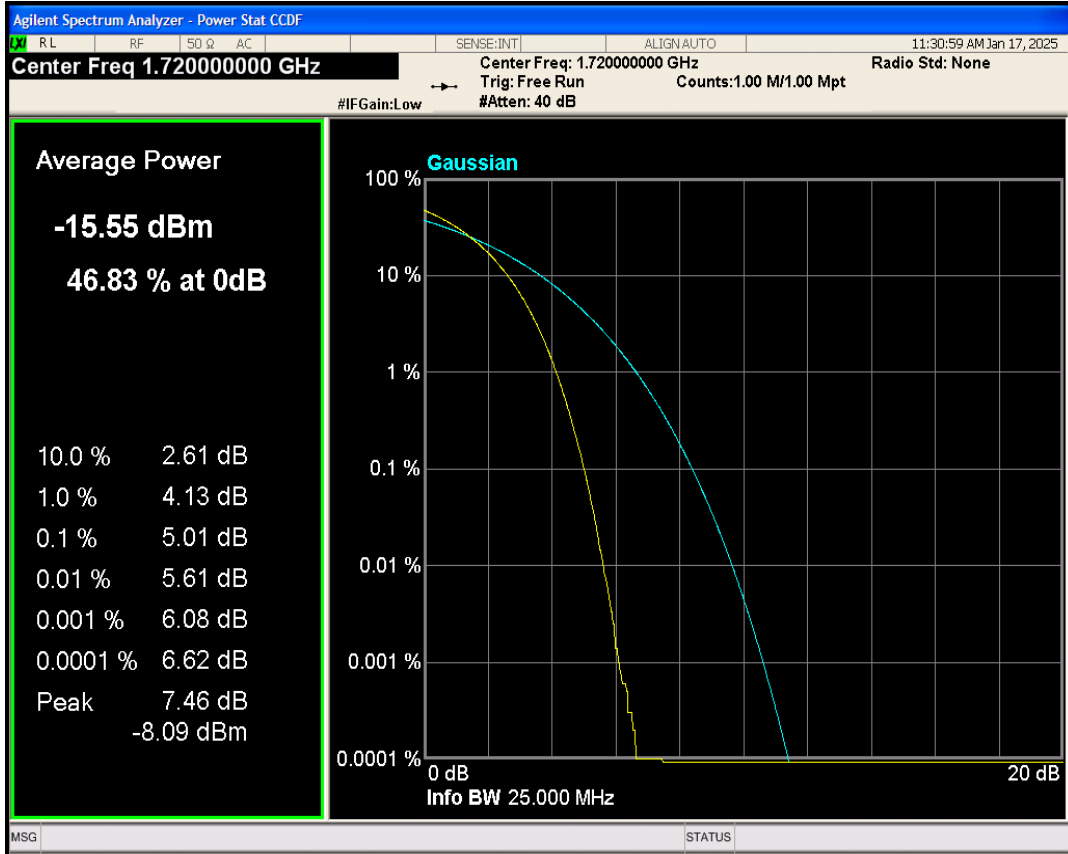
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



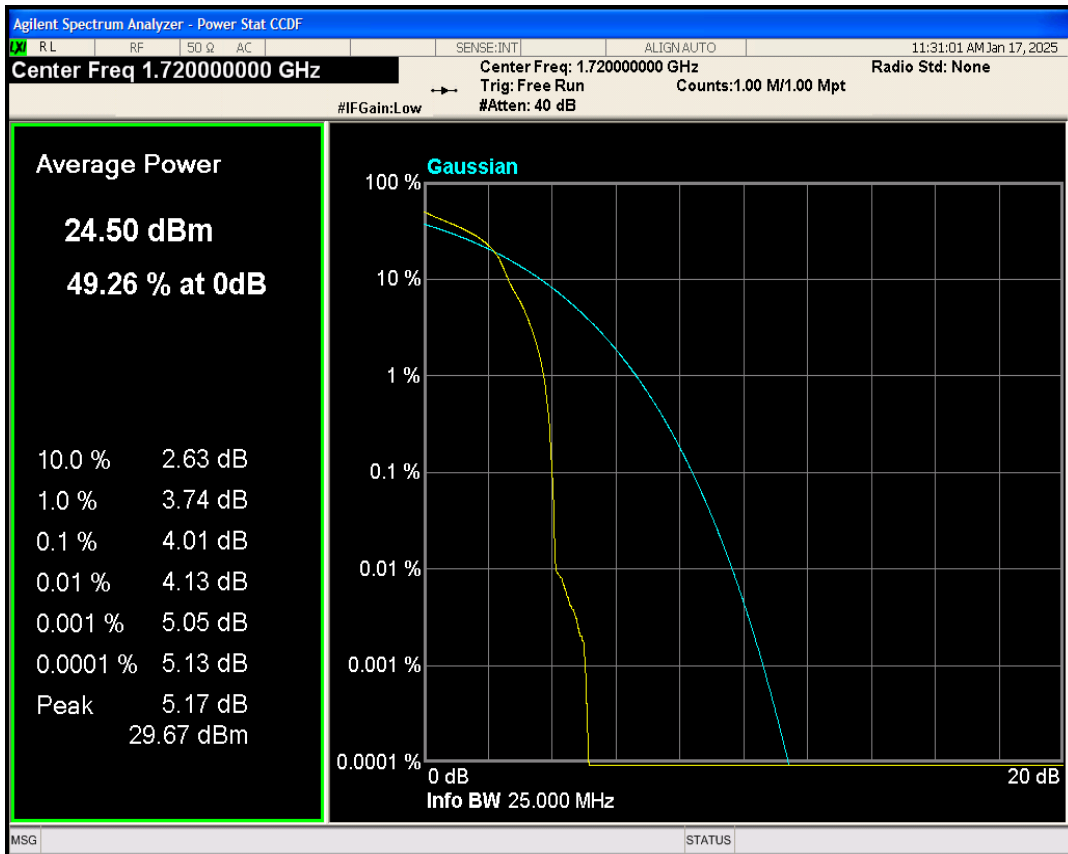
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



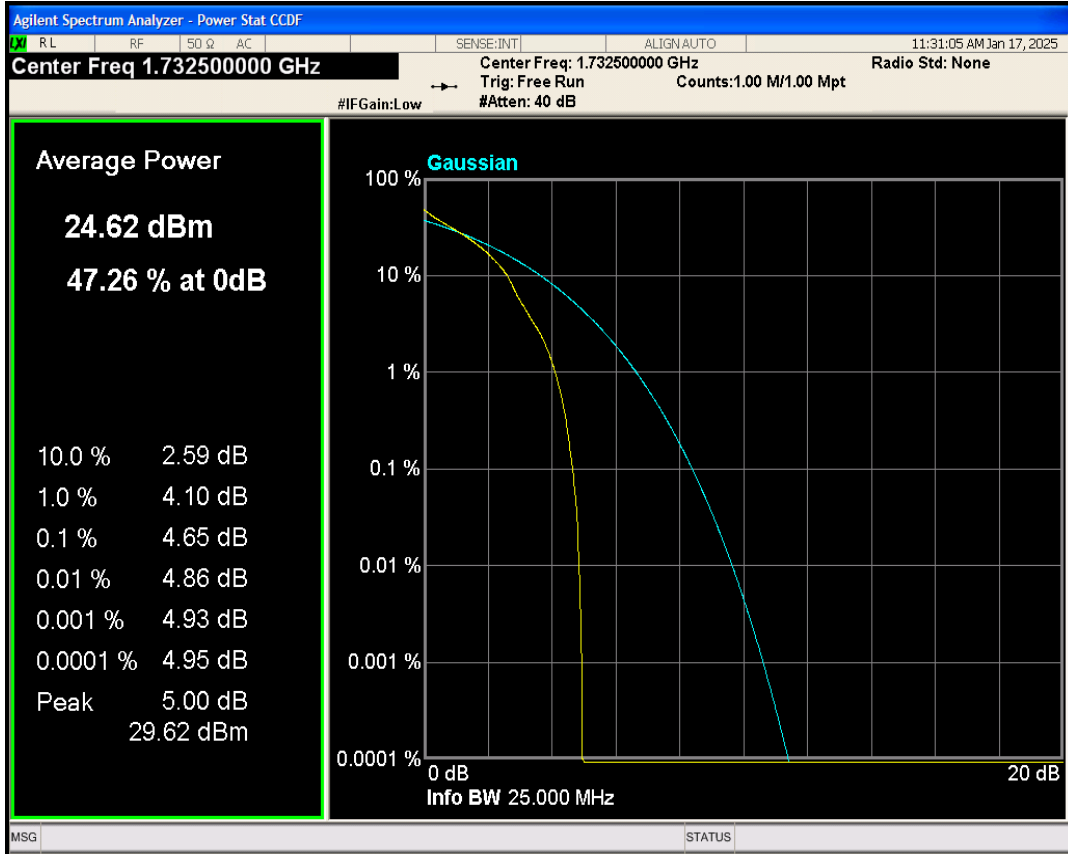
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



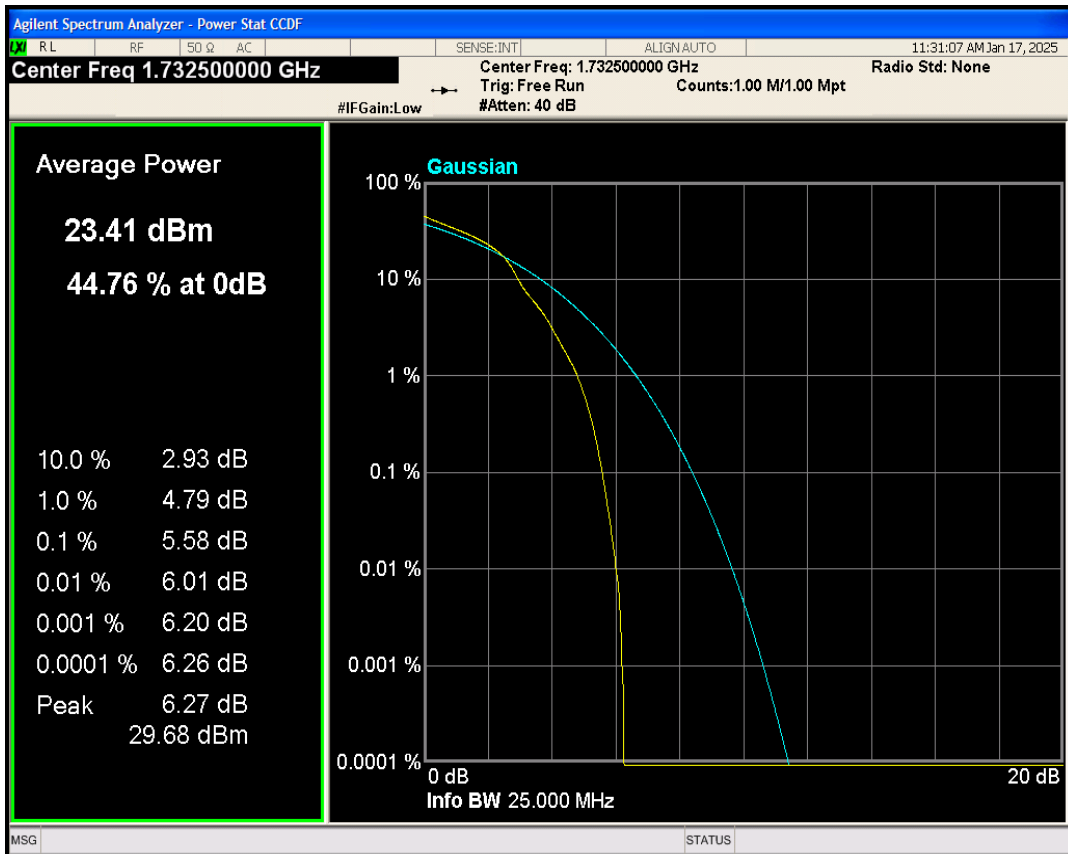
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



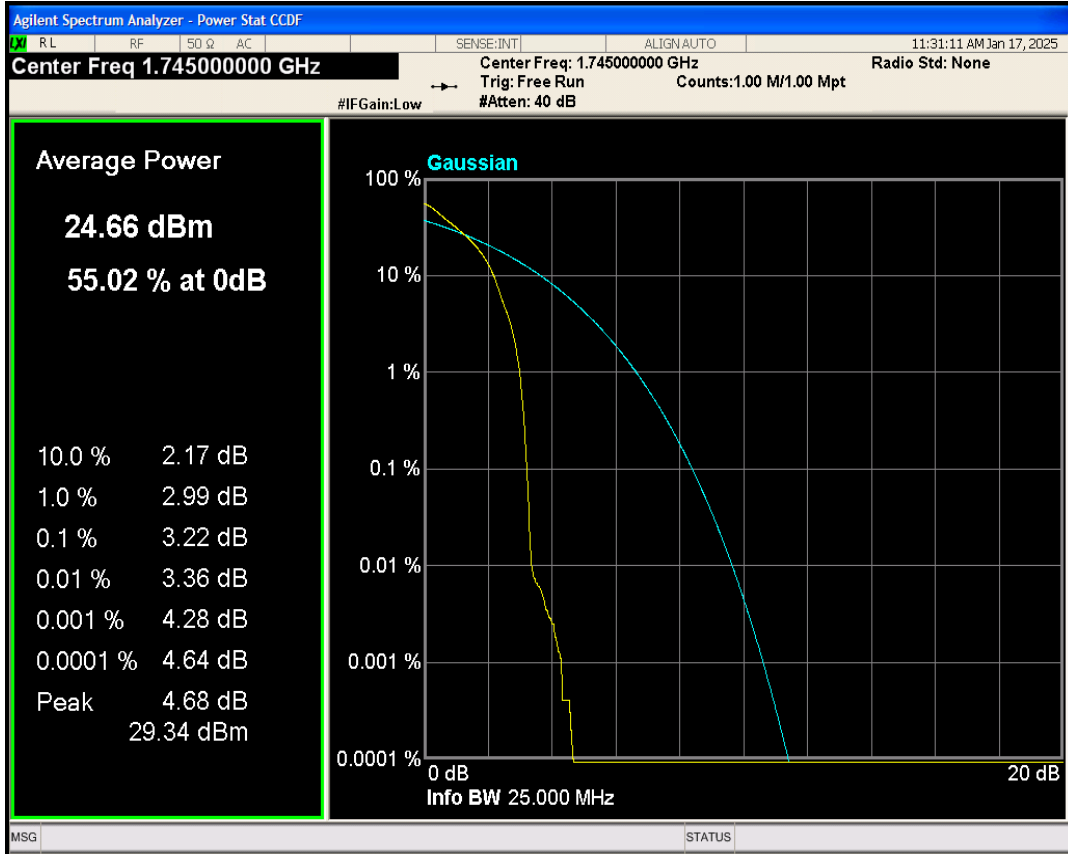
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



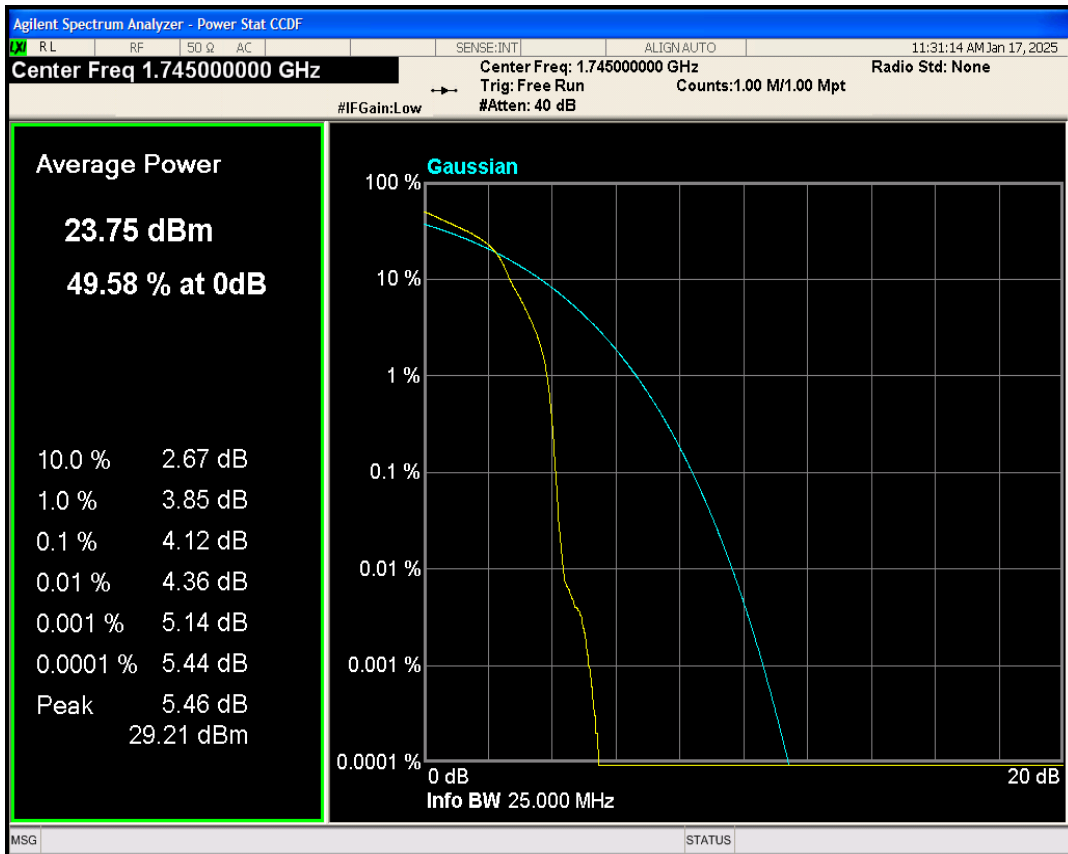
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



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



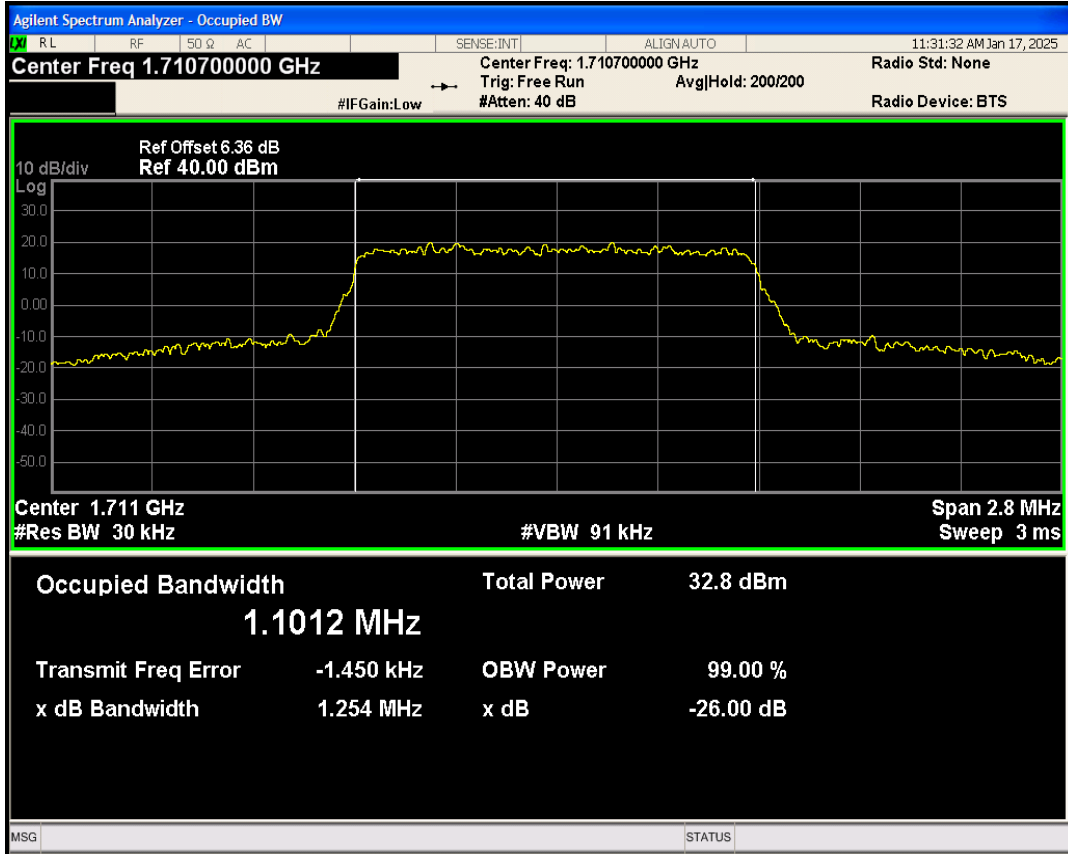
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0



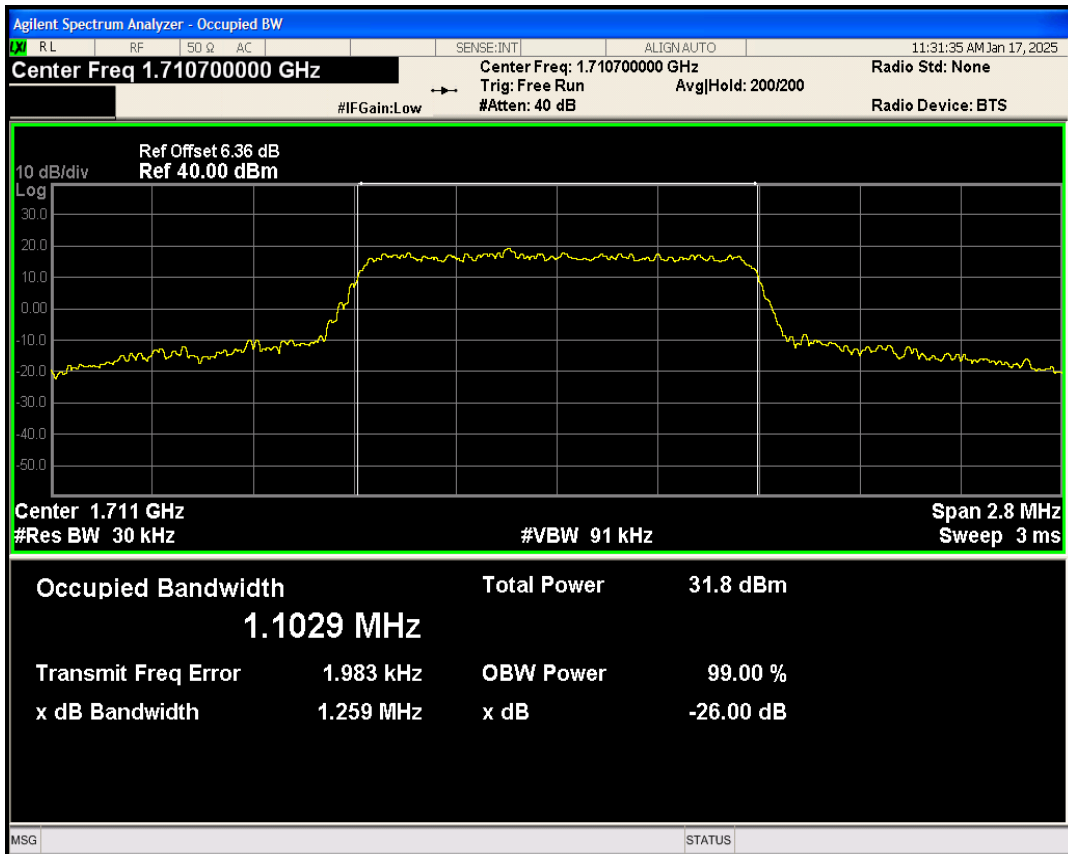
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.101	1.254	PASS
Band4	1.4	19957	6	#0	16QAM	1.103	1.259	PASS
Band4	1.4	20175	6	#0	QPSK	1.102	1.258	PASS
Band4	1.4	20175	6	#0	16QAM	1.104	1.252	PASS
Band4	1.4	20393	6	#0	QPSK	1.100	1.255	PASS
Band4	1.4	20393	6	#0	16QAM	1.096	1.245	PASS
Band4	3	19965	15	#0	QPSK	2.712	3.049	PASS
Band4	3	19965	15	#0	16QAM	2.714	3.078	PASS
Band4	3	20175	15	#0	QPSK	2.703	3.030	PASS
Band4	3	20175	15	#0	16QAM	2.704	3.075	PASS
Band4	3	20385	15	#0	QPSK	2.711	3.059	PASS
Band4	3	20385	15	#0	16QAM	2.711	3.056	PASS
Band4	5	19975	25	#0	QPSK	4.508	5.003	PASS
Band4	5	19975	25	#0	16QAM	4.506	4.972	PASS
Band4	5	20175	25	#0	QPSK	4.508	4.969	PASS
Band4	5	20175	25	#0	16QAM	4.527	4.991	PASS
Band4	5	20375	25	#0	QPSK	4.511	4.930	PASS
Band4	5	20375	25	#0	16QAM	4.520	4.986	PASS
Band4	10	20000	50	#0	QPSK	8.992	9.829	PASS
Band4	10	20000	50	#0	16QAM	8.995	9.898	PASS
Band4	10	20175	50	#0	QPSK	8.975	9.913	PASS
Band4	10	20175	50	#0	16QAM	9.011	9.848	PASS
Band4	10	20350	50	#0	QPSK	8.987	9.866	PASS
Band4	10	20350	50	#0	16QAM	8.988	9.901	PASS
Band4	15	20025	75	#0	QPSK	13.481	14.884	PASS
Band4	15	20025	75	#0	16QAM	13.476	14.891	PASS
Band4	15	20175	75	#0	QPSK	13.479	14.845	PASS
Band4	15	20175	75	#0	16QAM	13.461	14.909	PASS
Band4	15	20325	75	#0	QPSK	13.474	14.780	PASS
Band4	15	20325	75	#0	16QAM	13.483	14.572	PASS
Band4	20	20050	100	#0	QPSK	18.006	19.769	PASS
Band4	20	20050	100	#0	16QAM	17.994	19.409	PASS
Band4	20	20175	100	#0	QPSK	17.962	19.646	PASS
Band4	20	20175	100	#0	16QAM	17.966	19.710	PASS
Band4	20	20300	100	#0	QPSK	18.005	19.458	PASS
Band4	20	20300	100	#0	16QAM	18.021	19.538	PASS

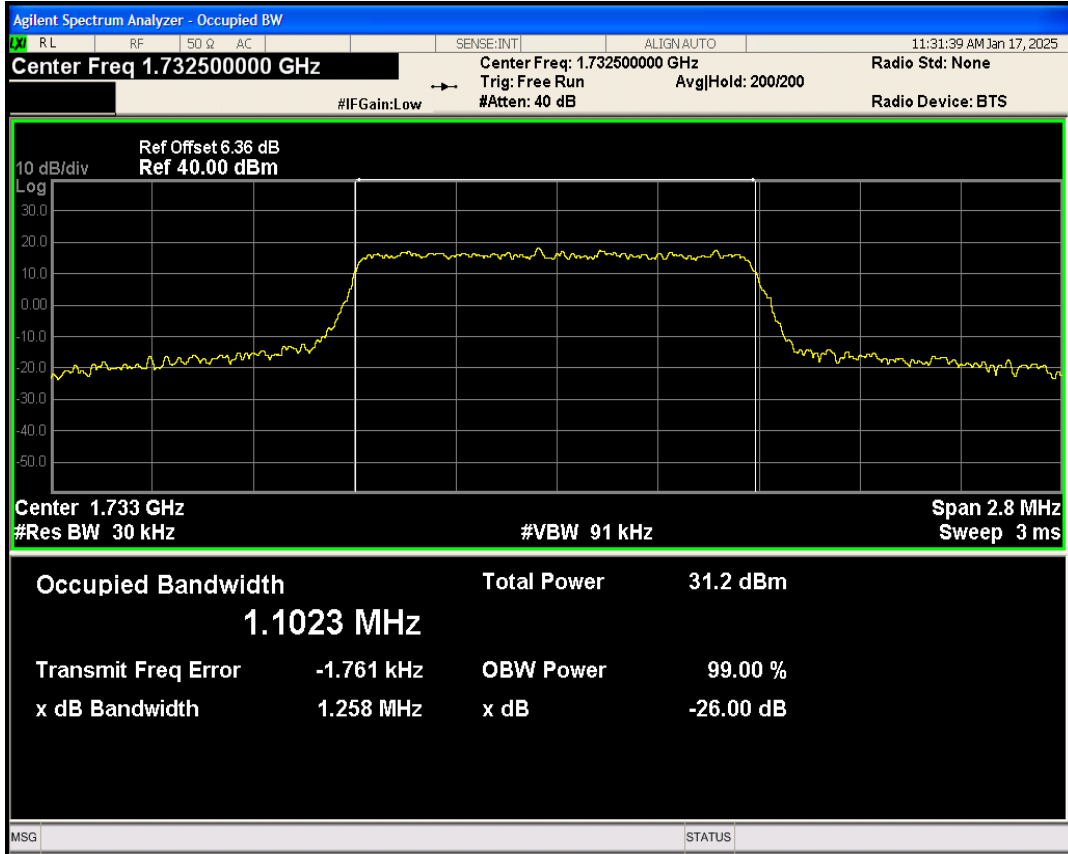
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



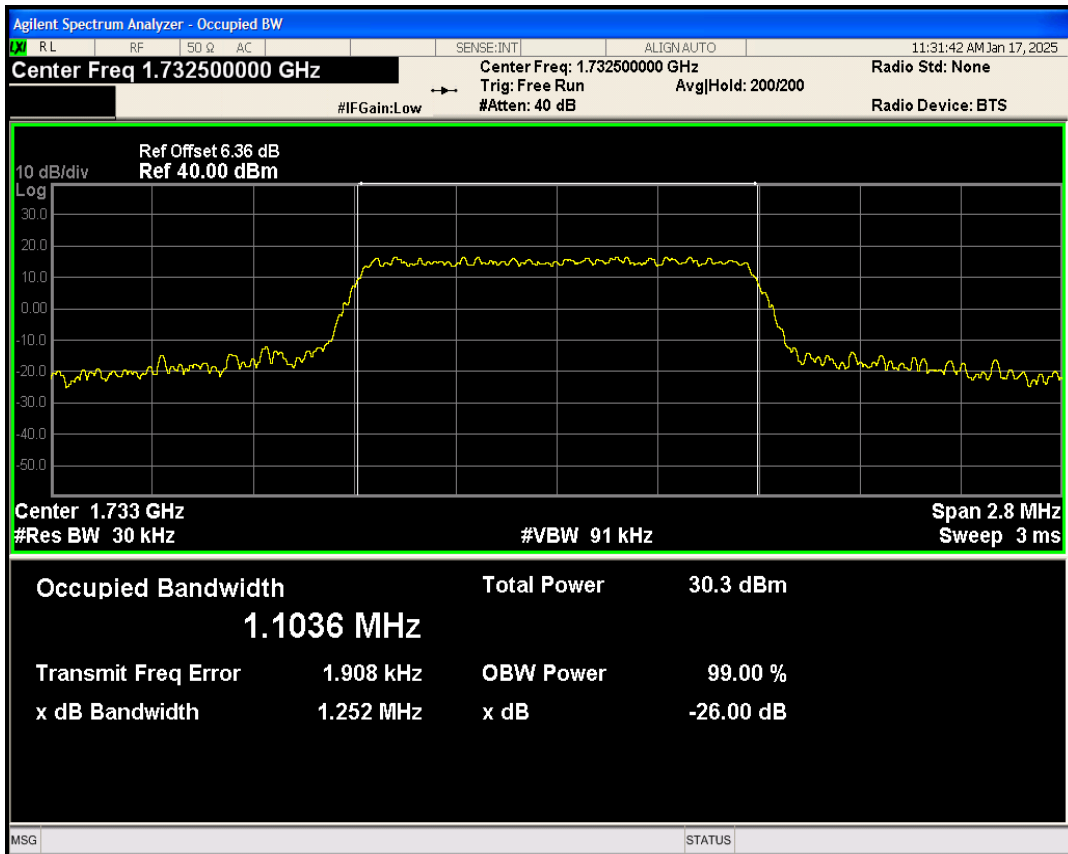
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



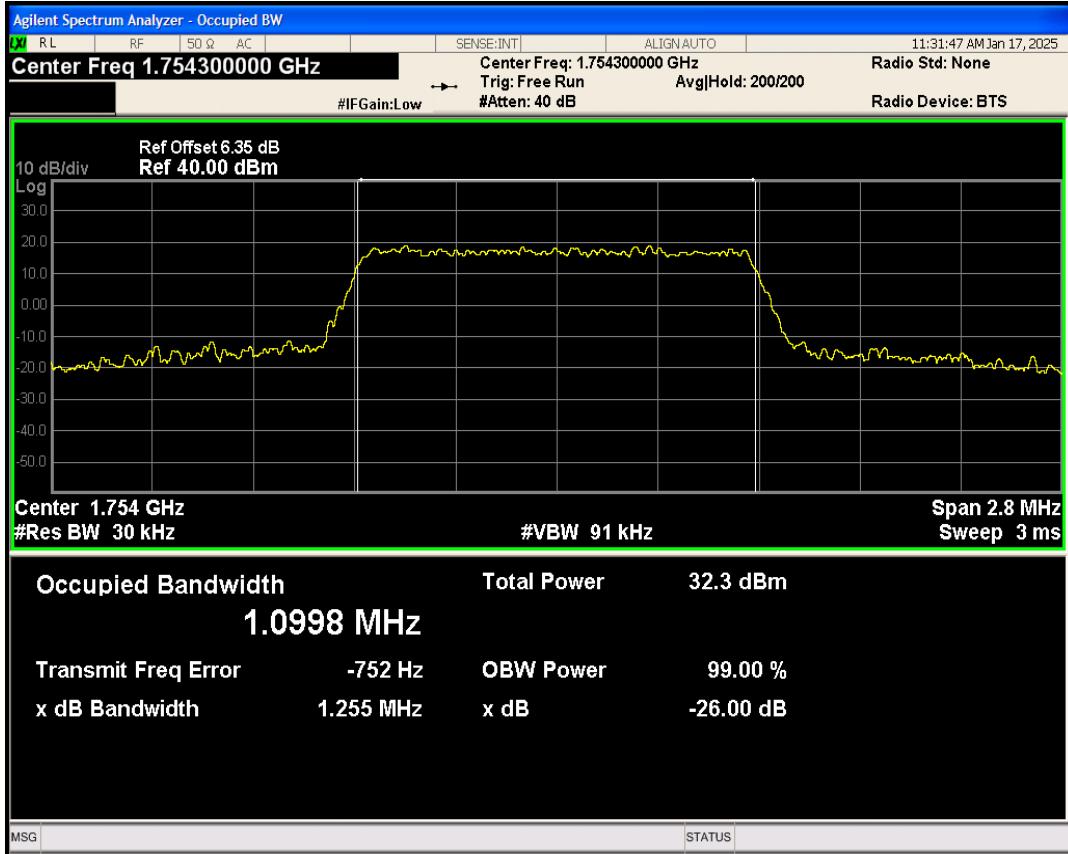
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



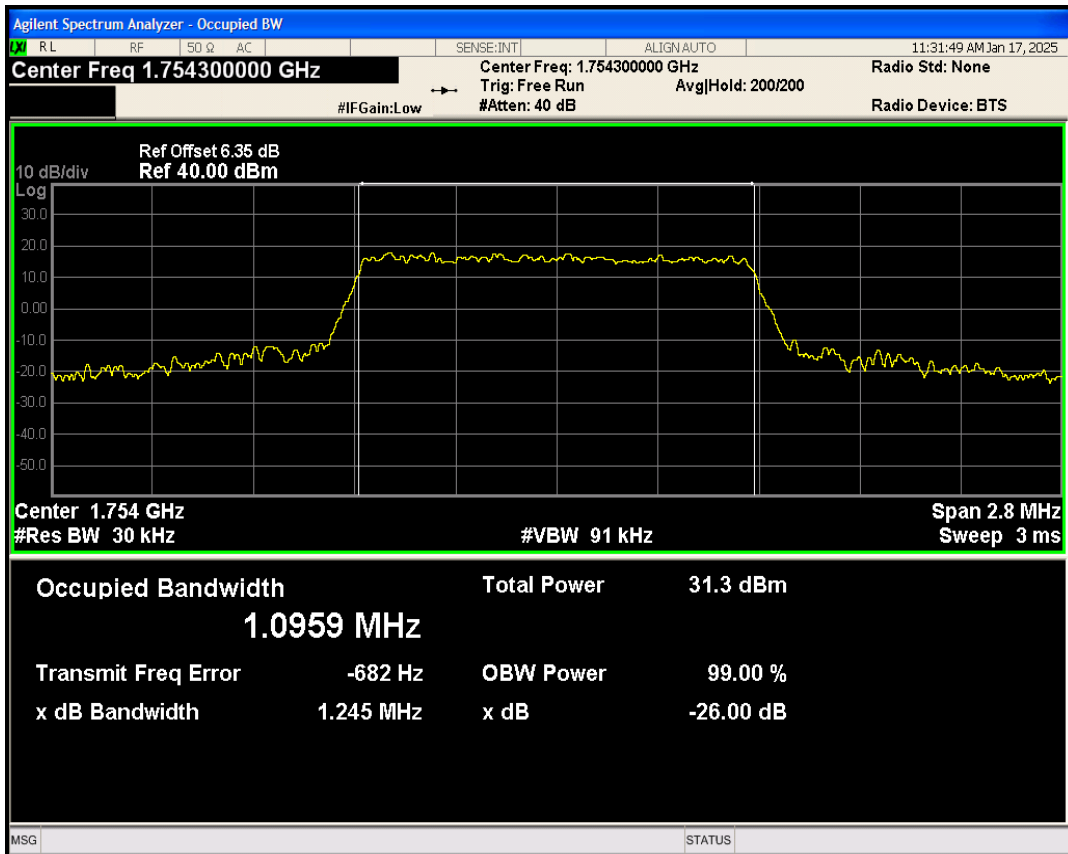
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



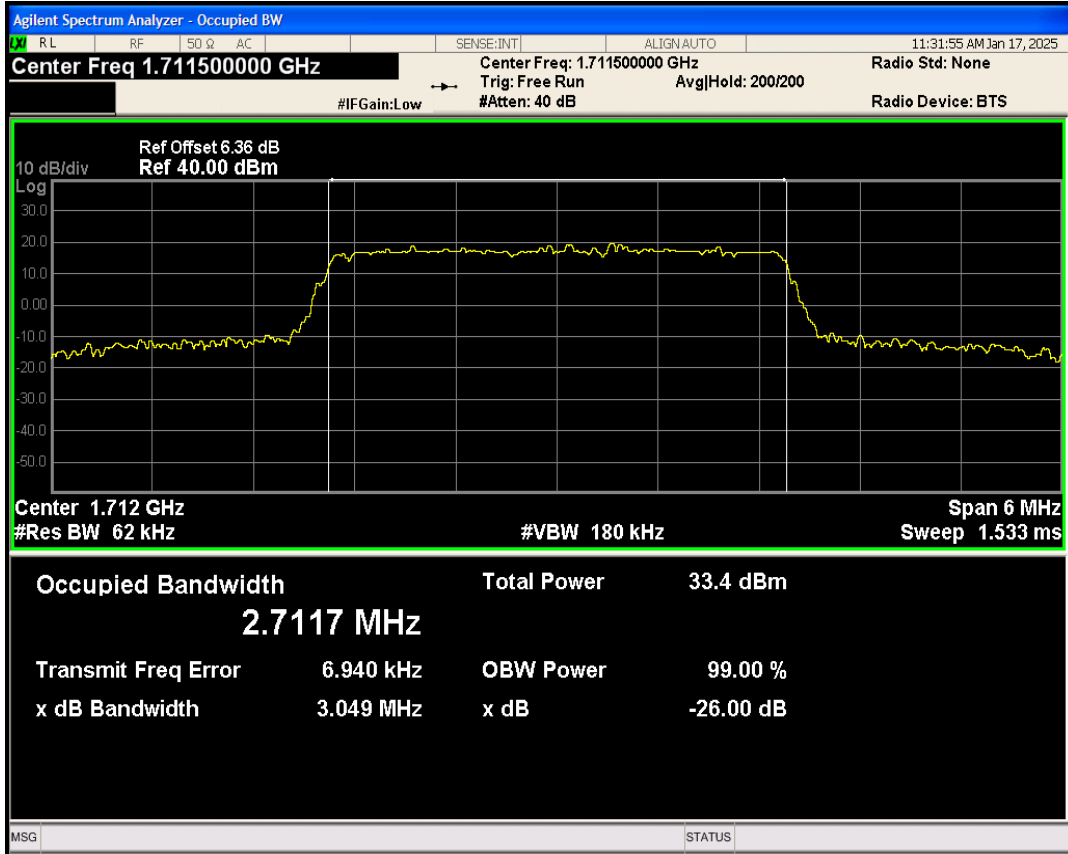
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



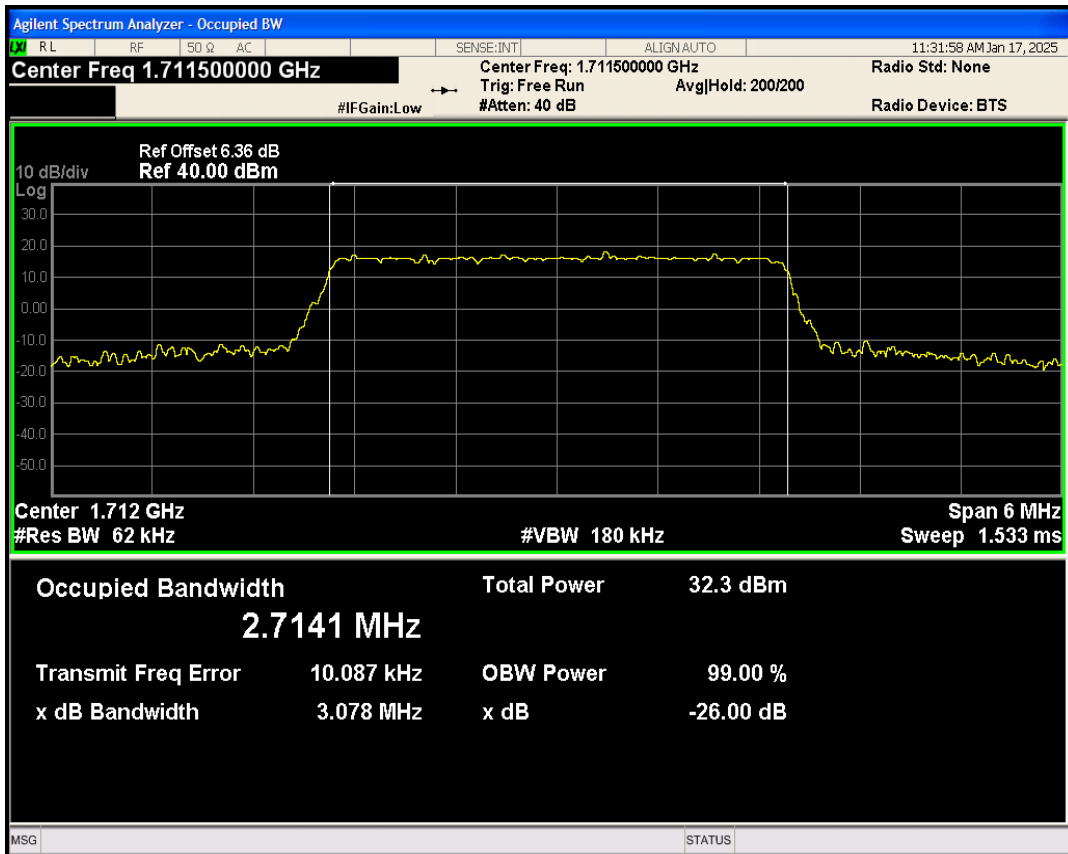
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



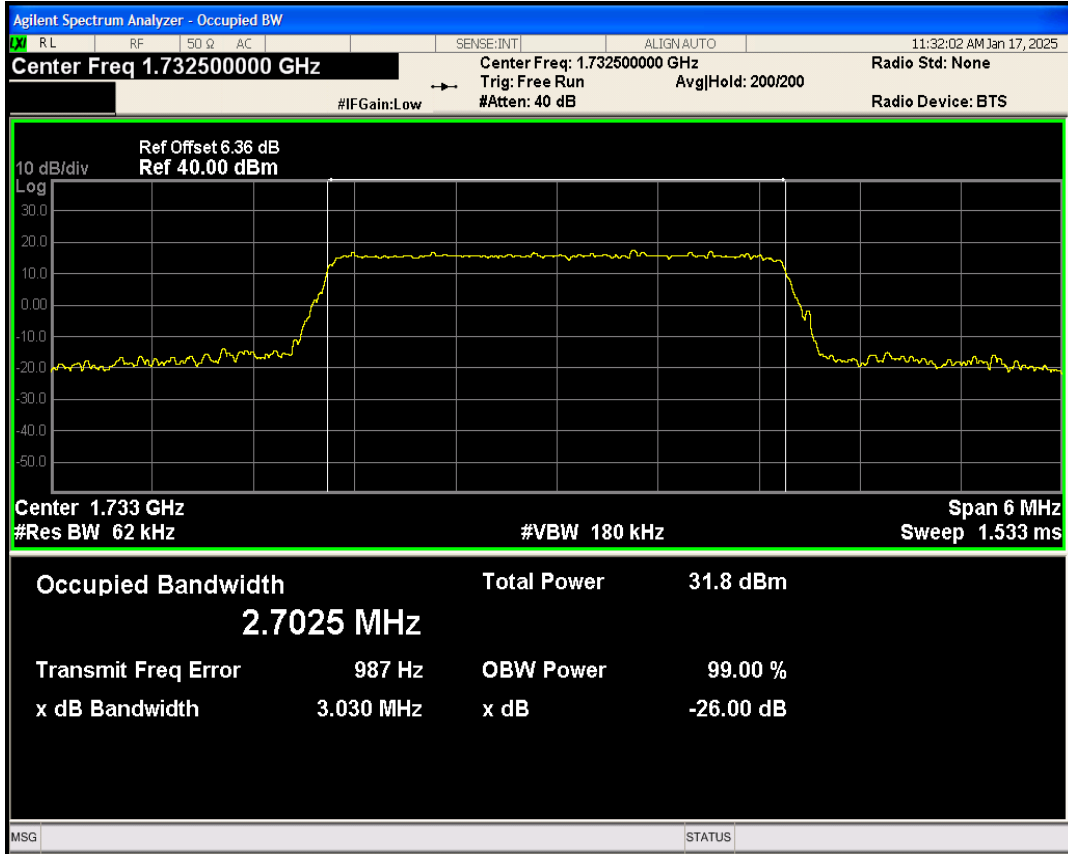
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



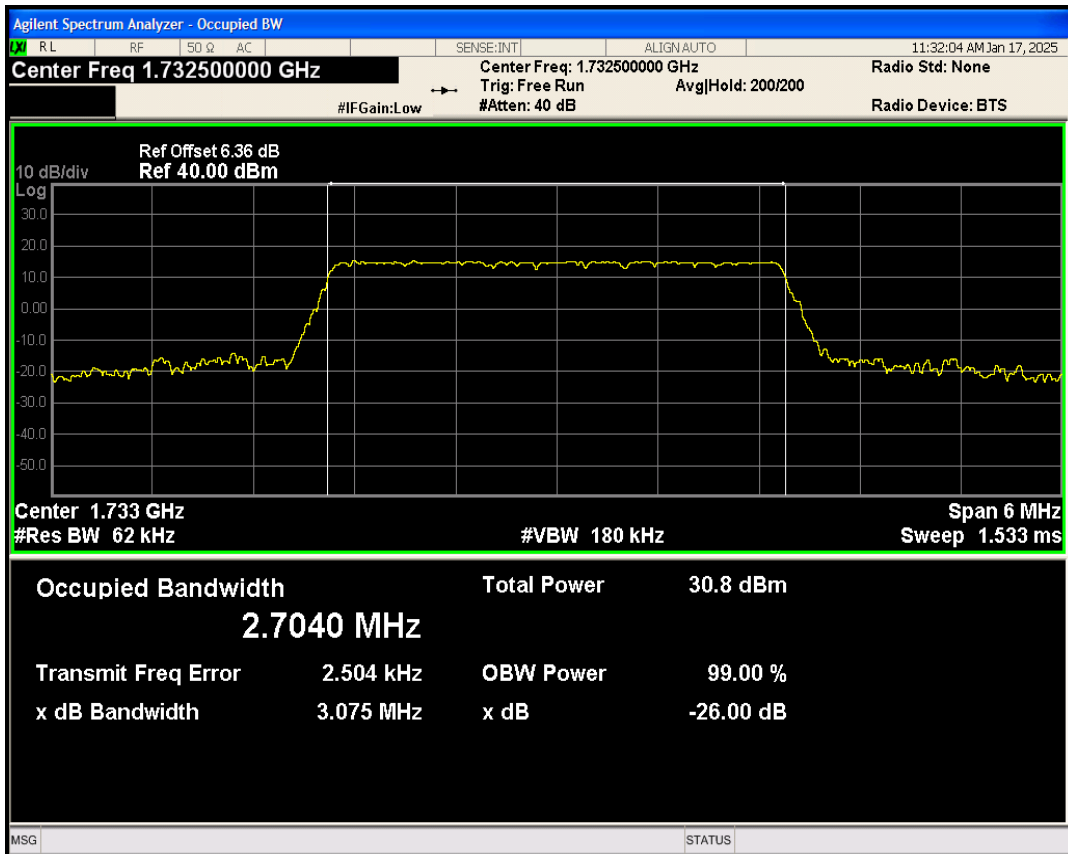
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



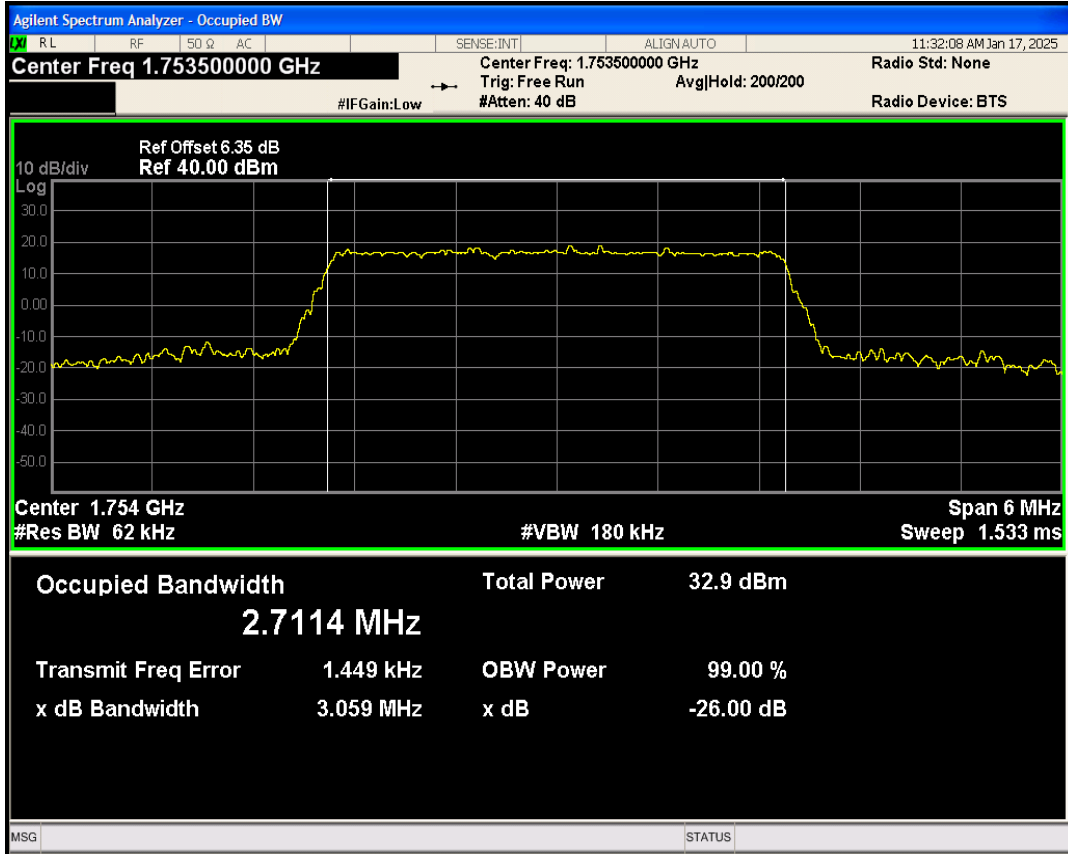
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



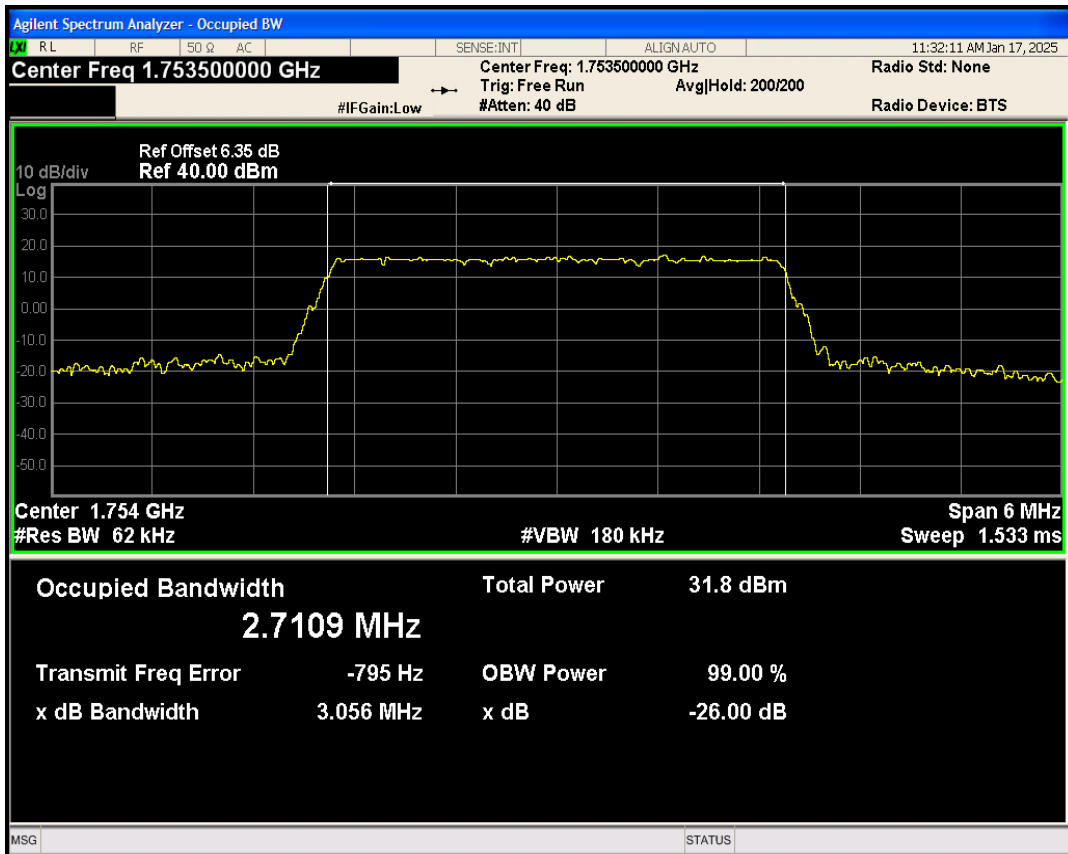
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



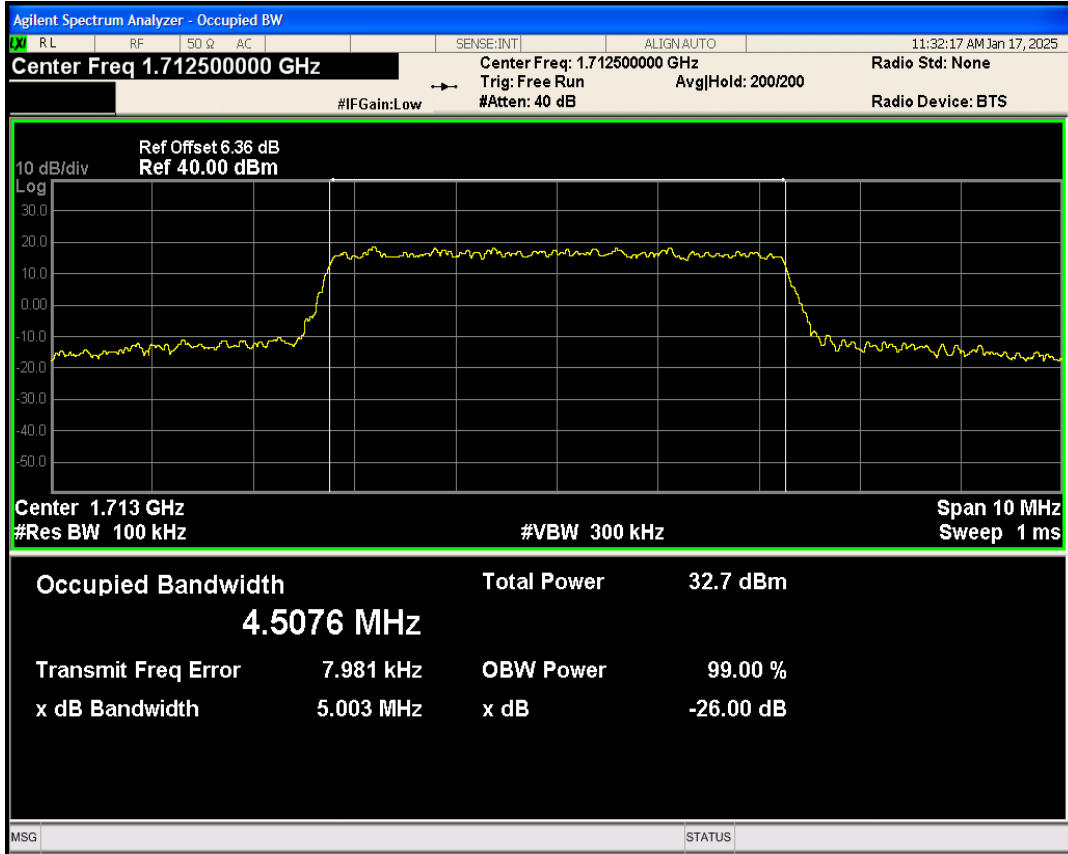
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



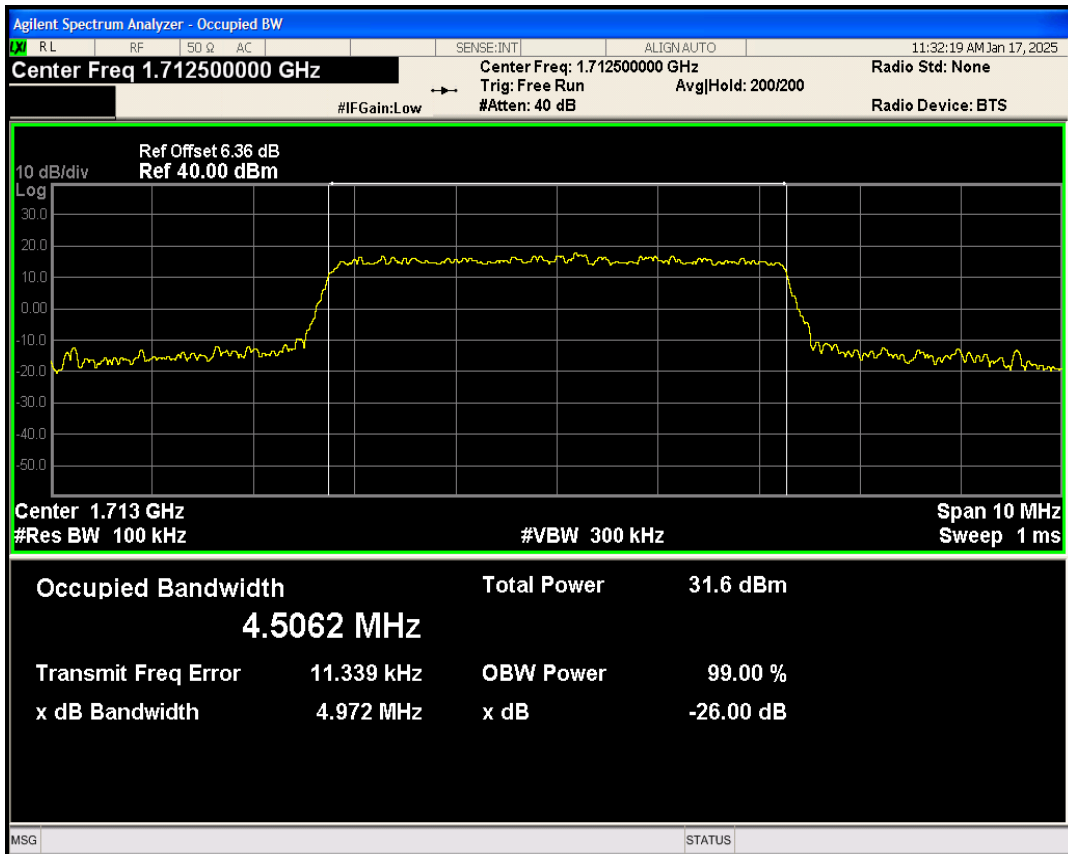
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



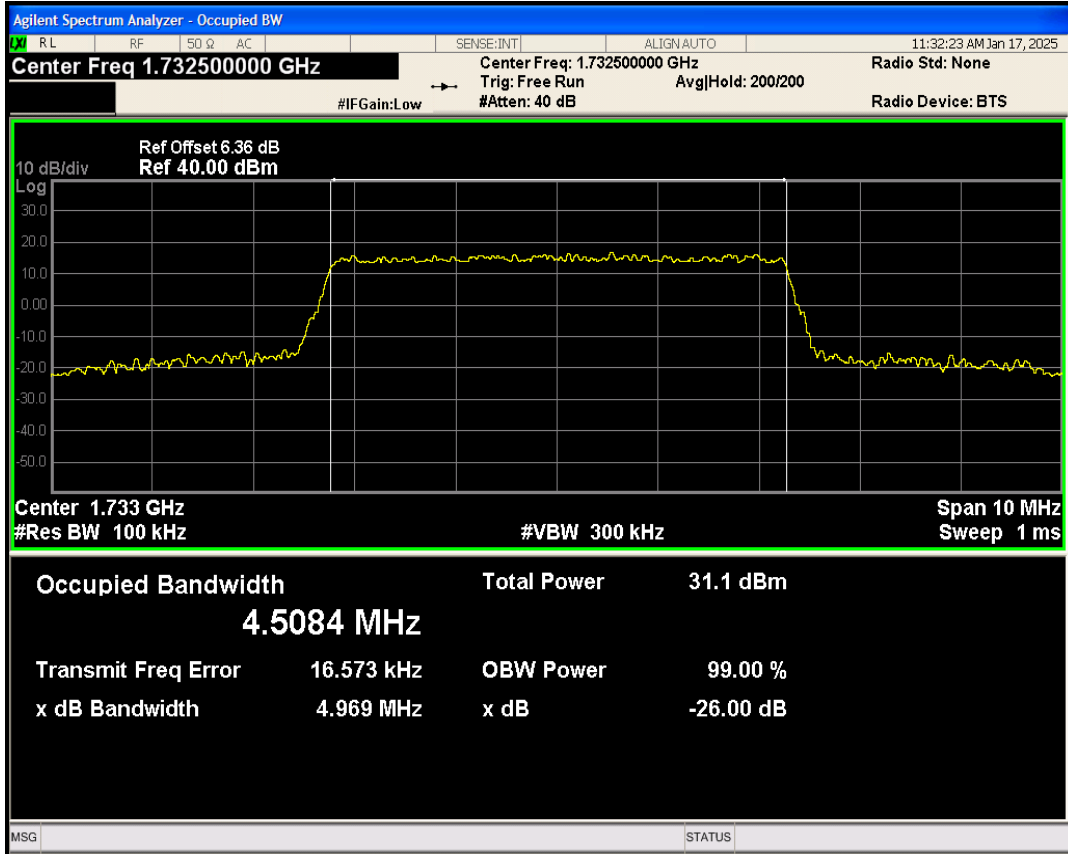
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



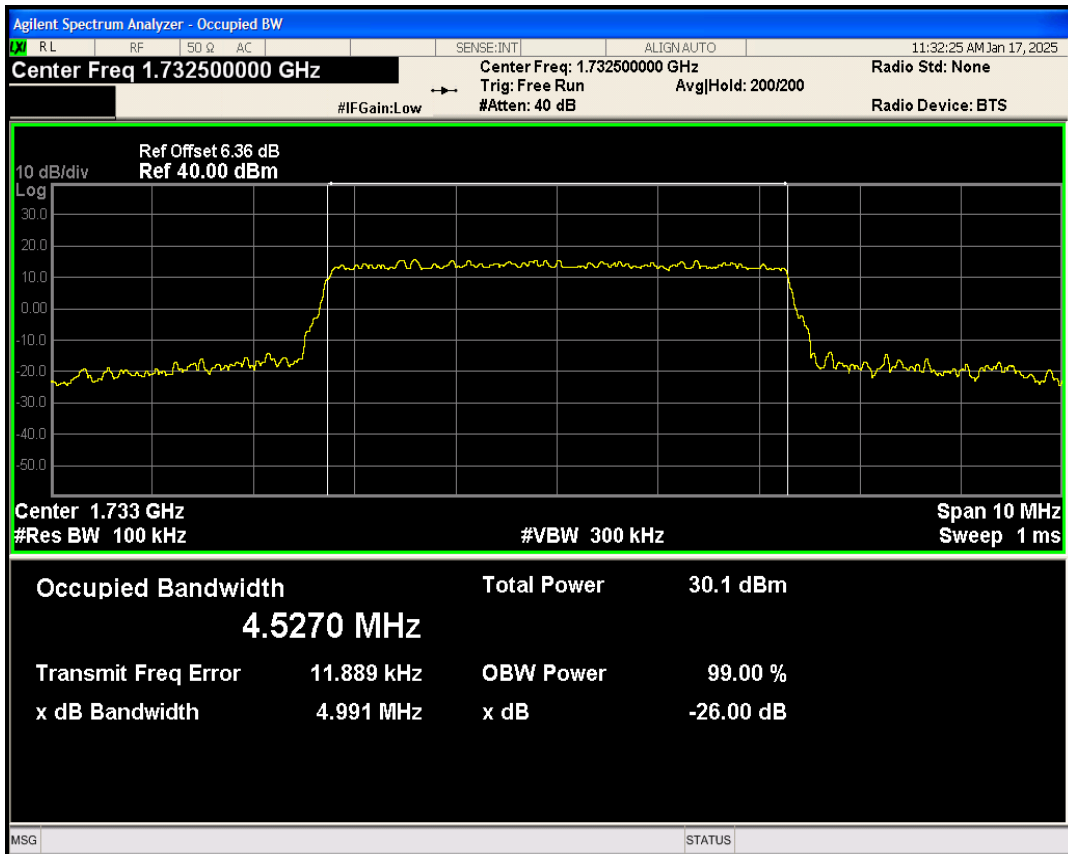
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



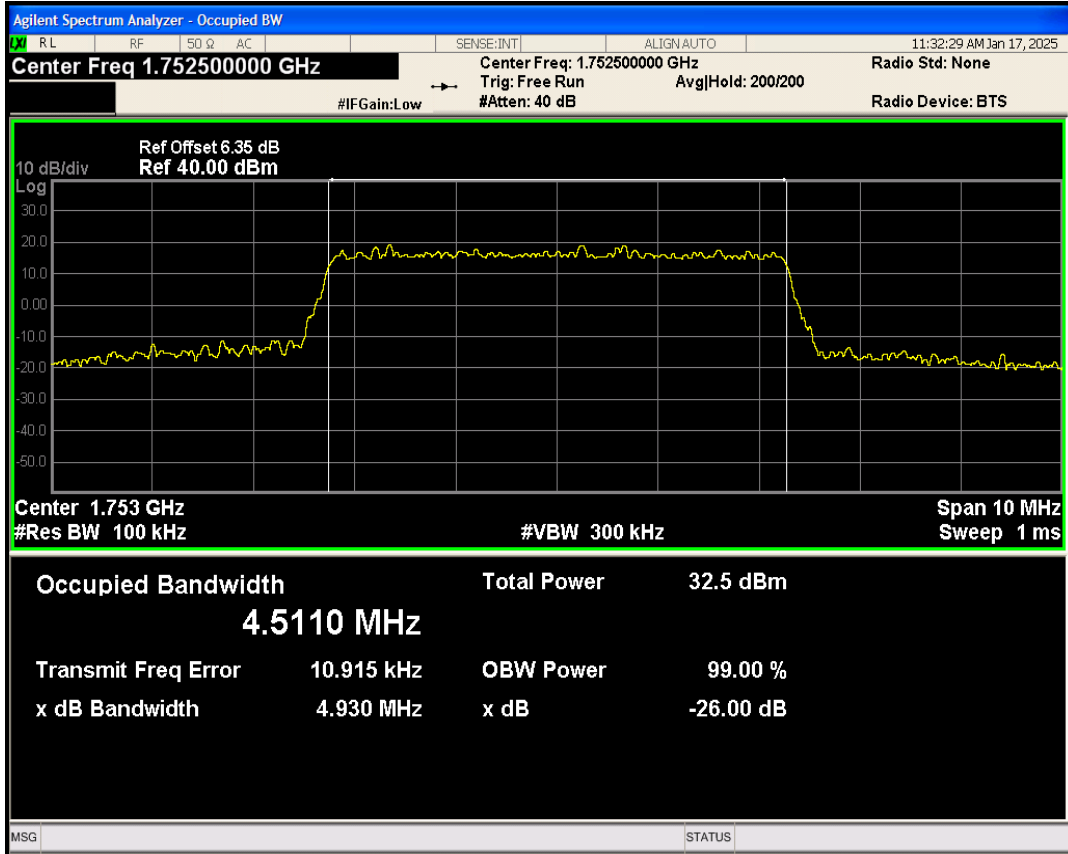
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



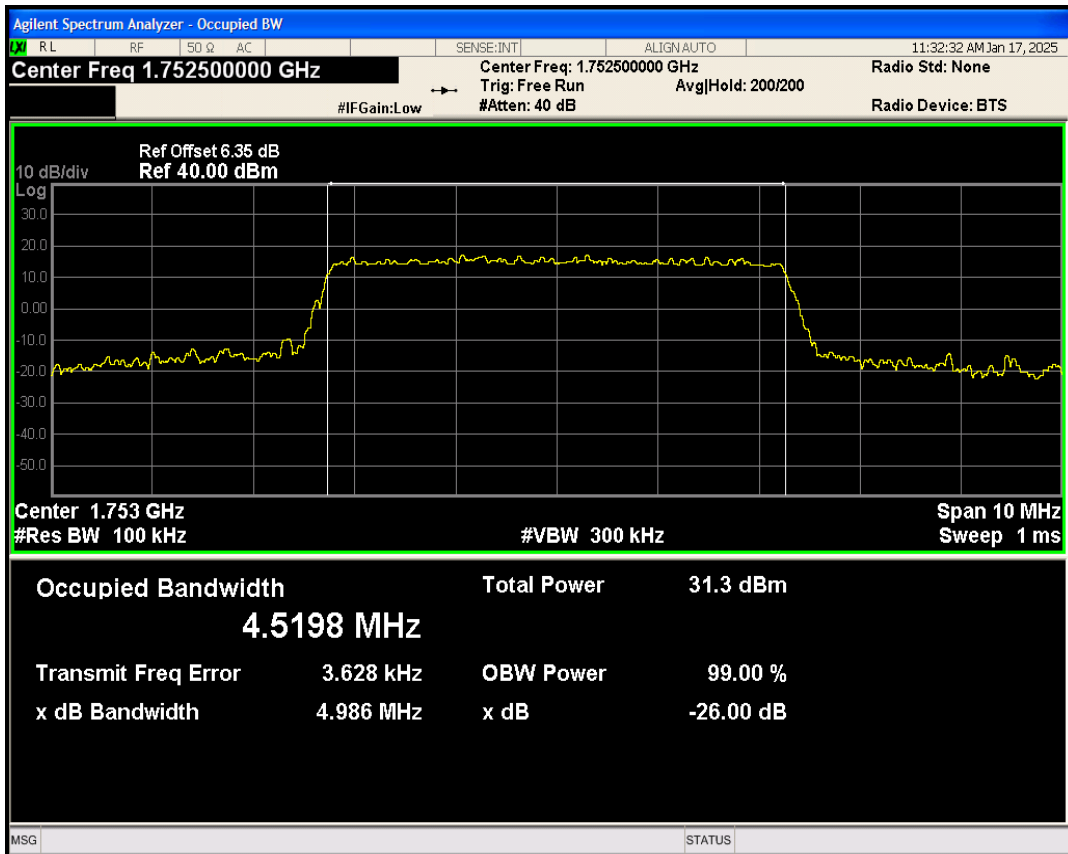
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



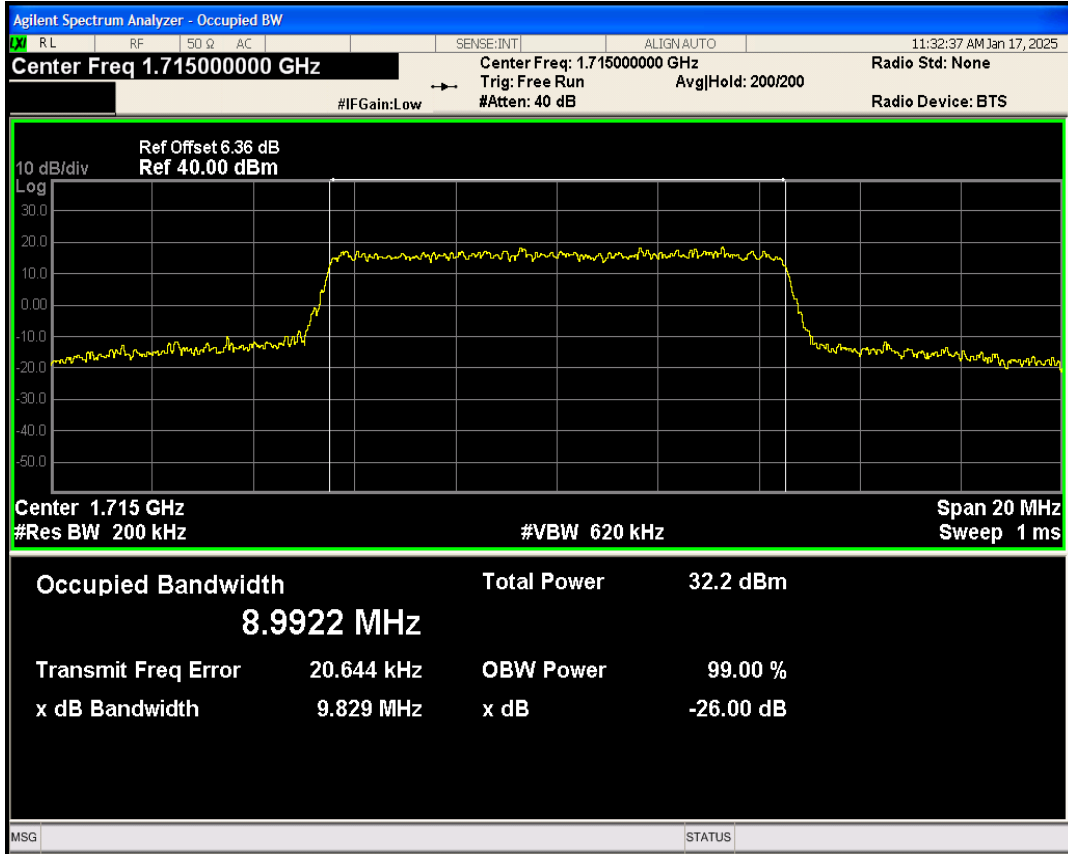
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



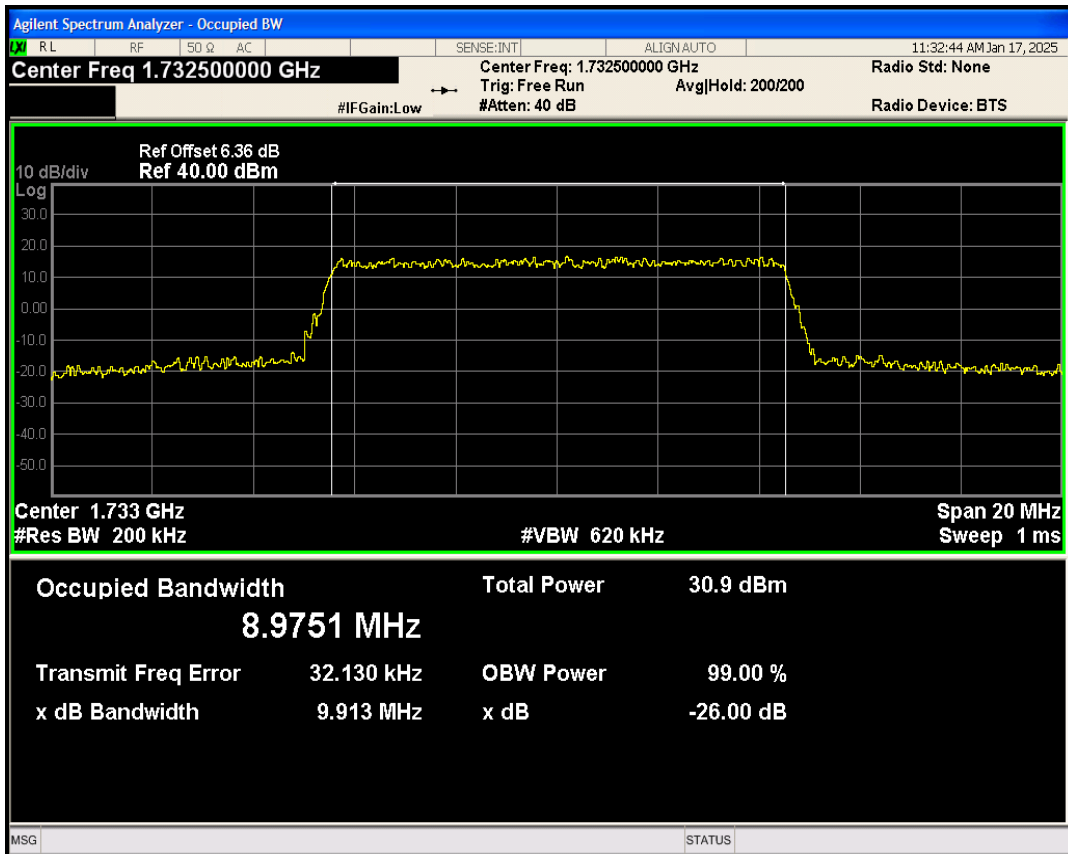
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



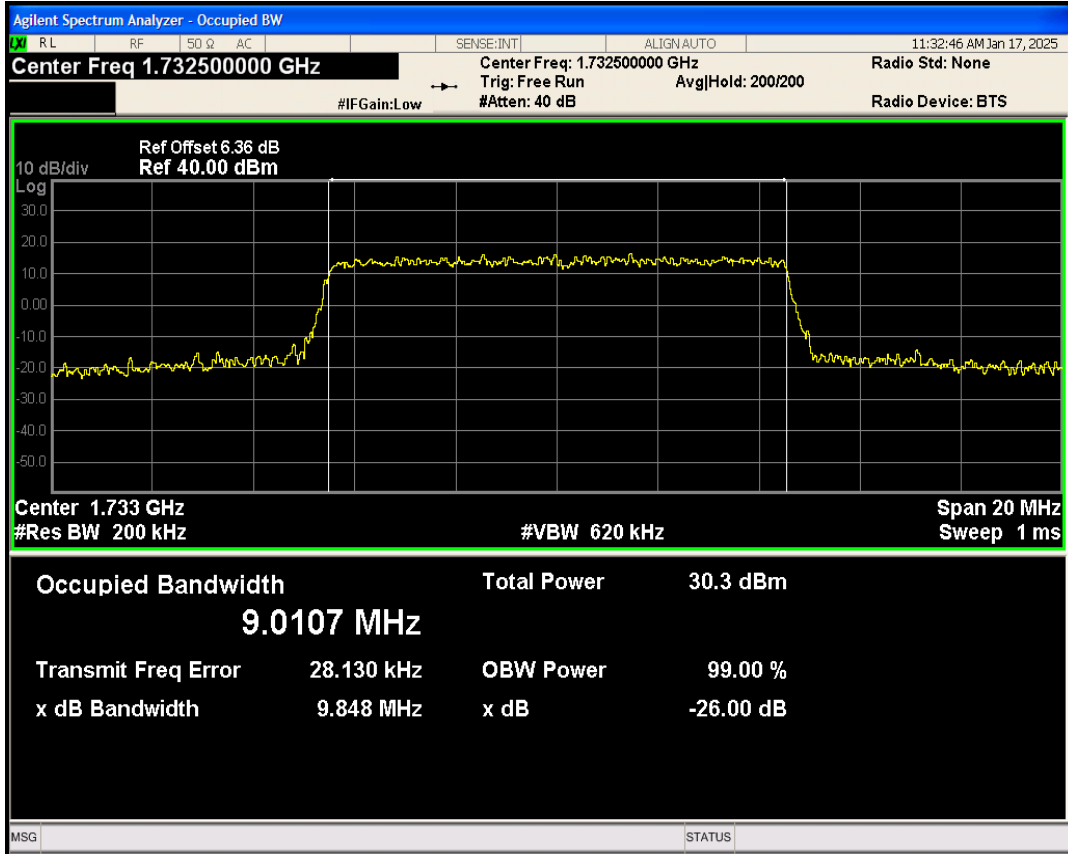
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



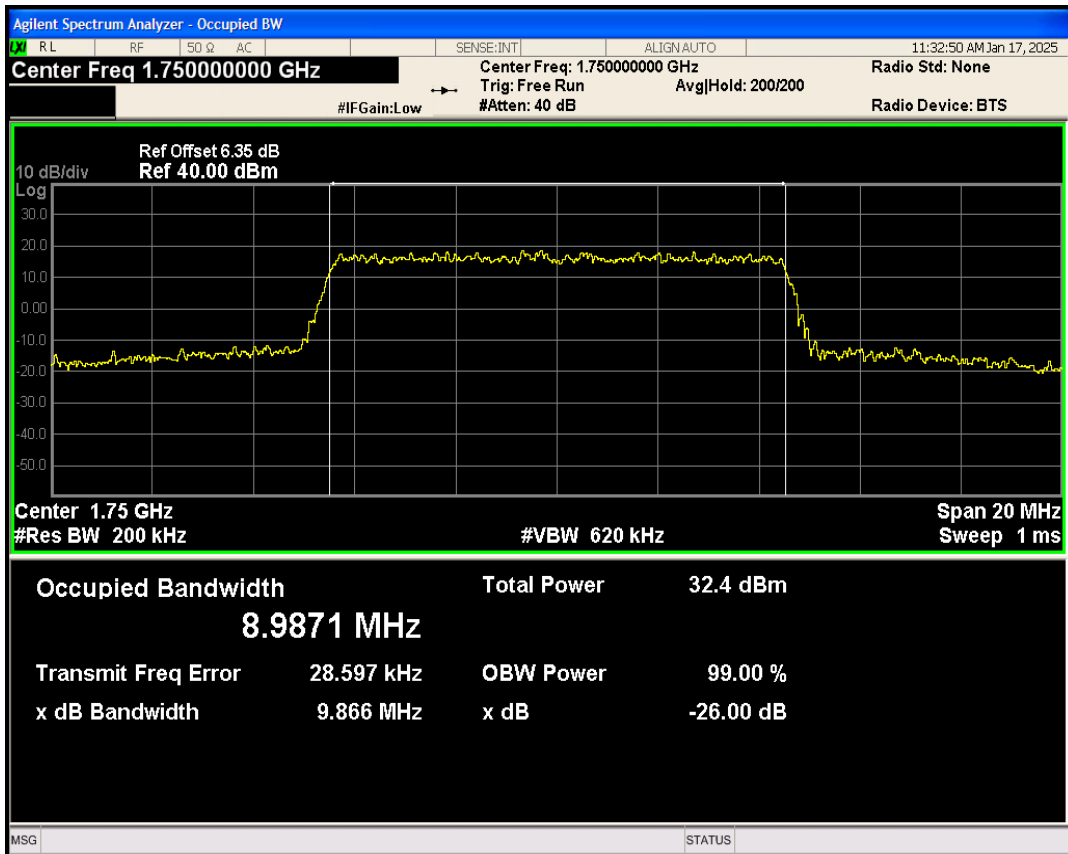
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



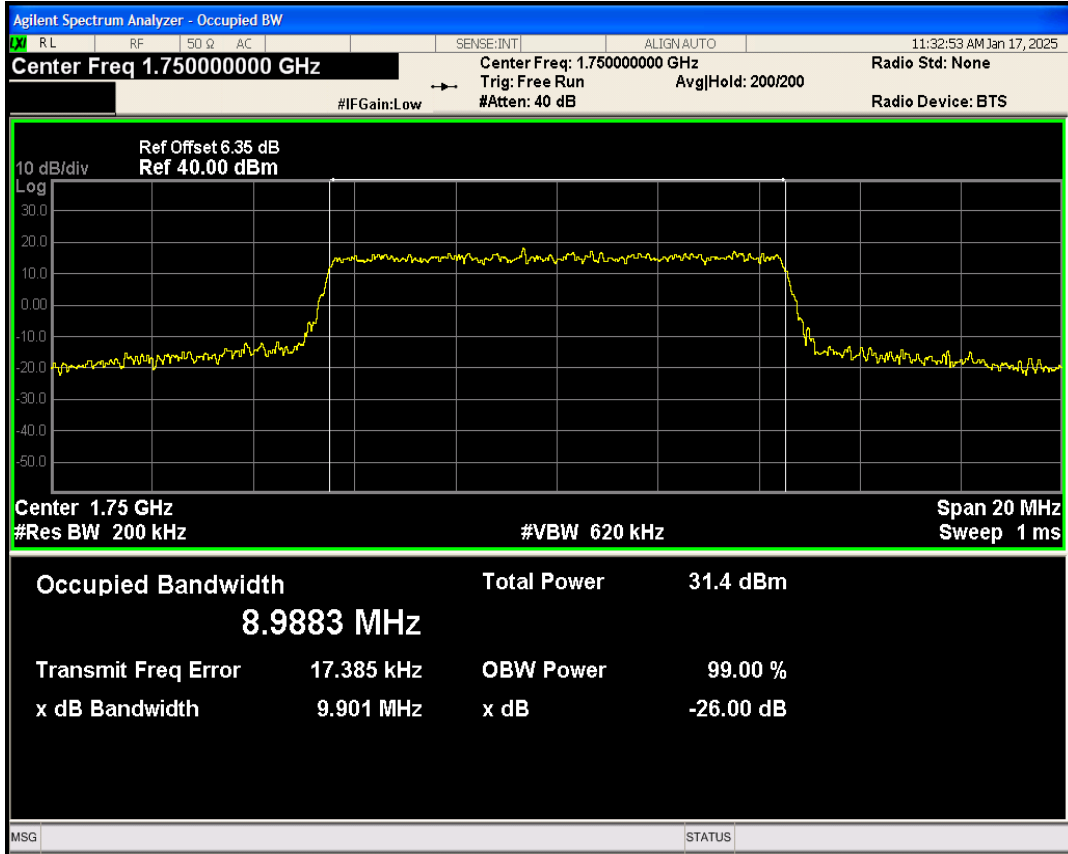
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



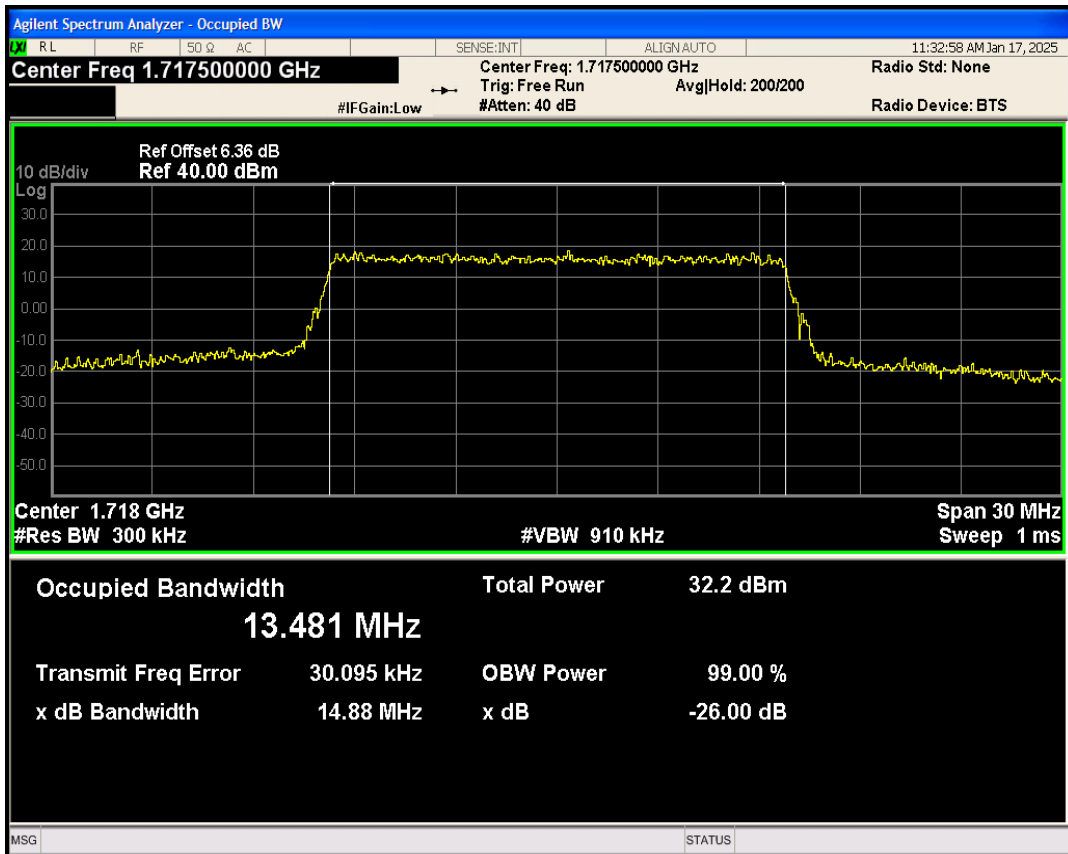
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



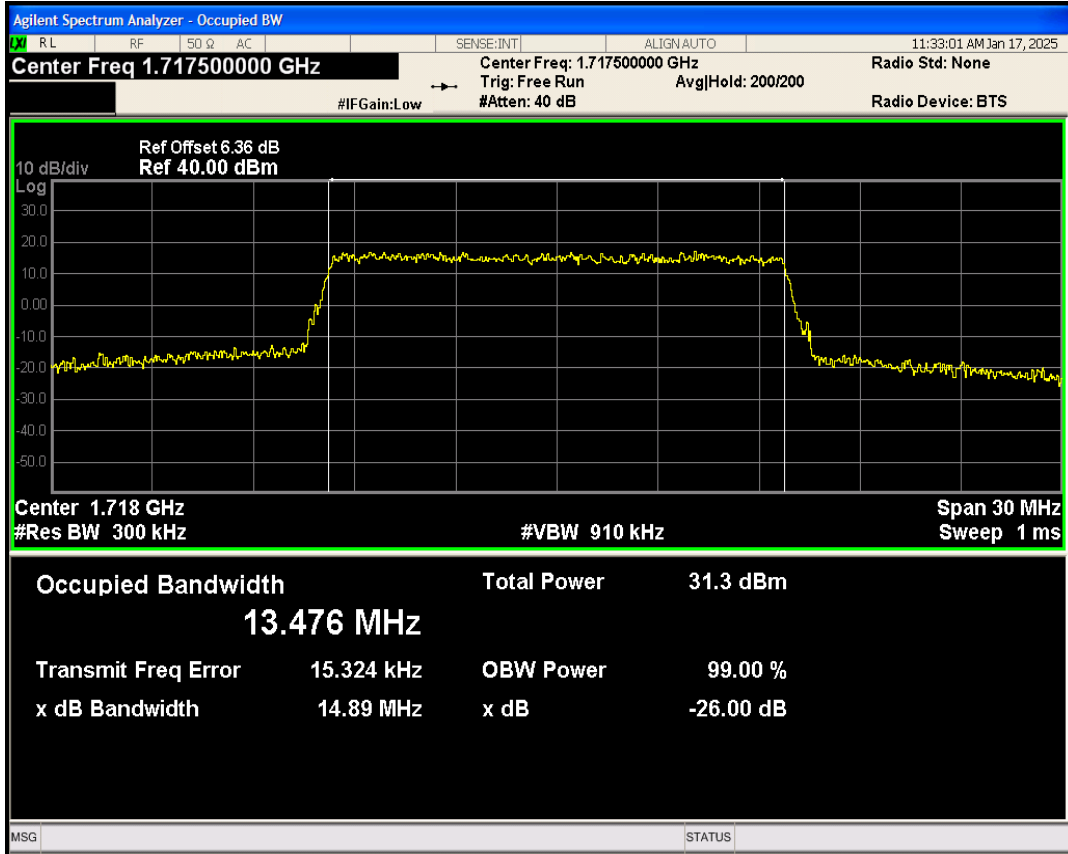
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



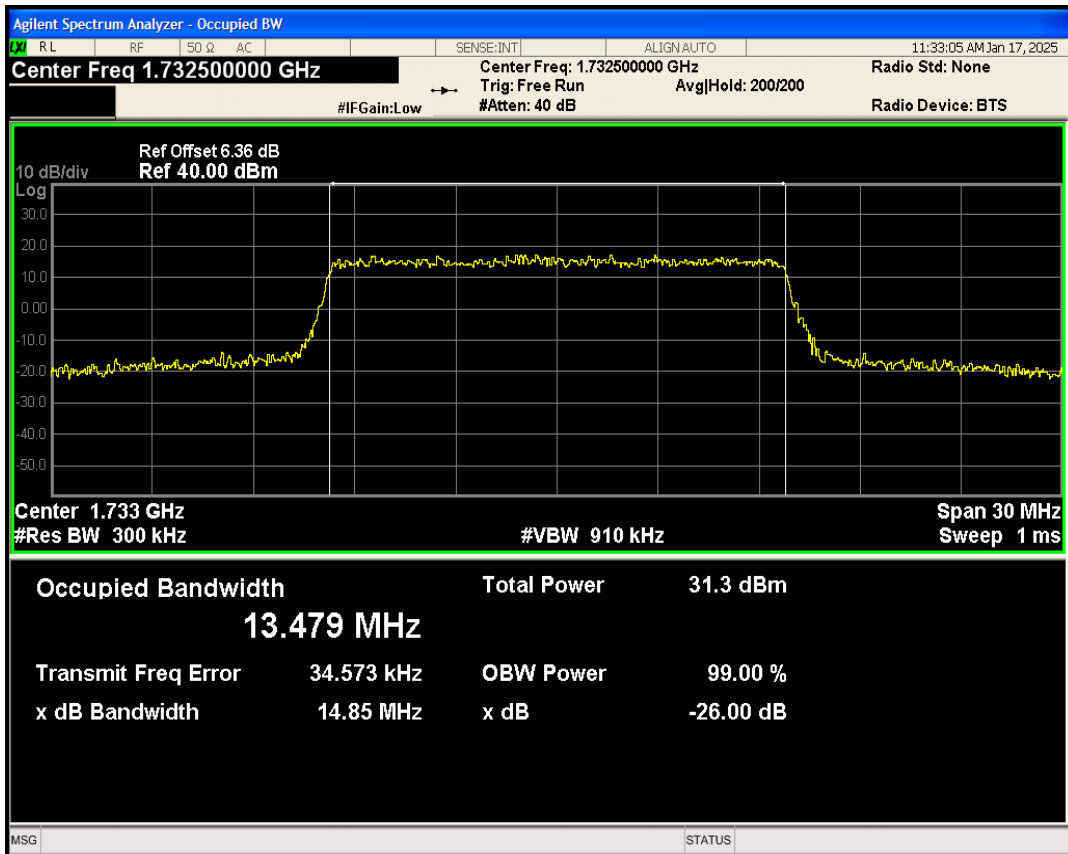
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



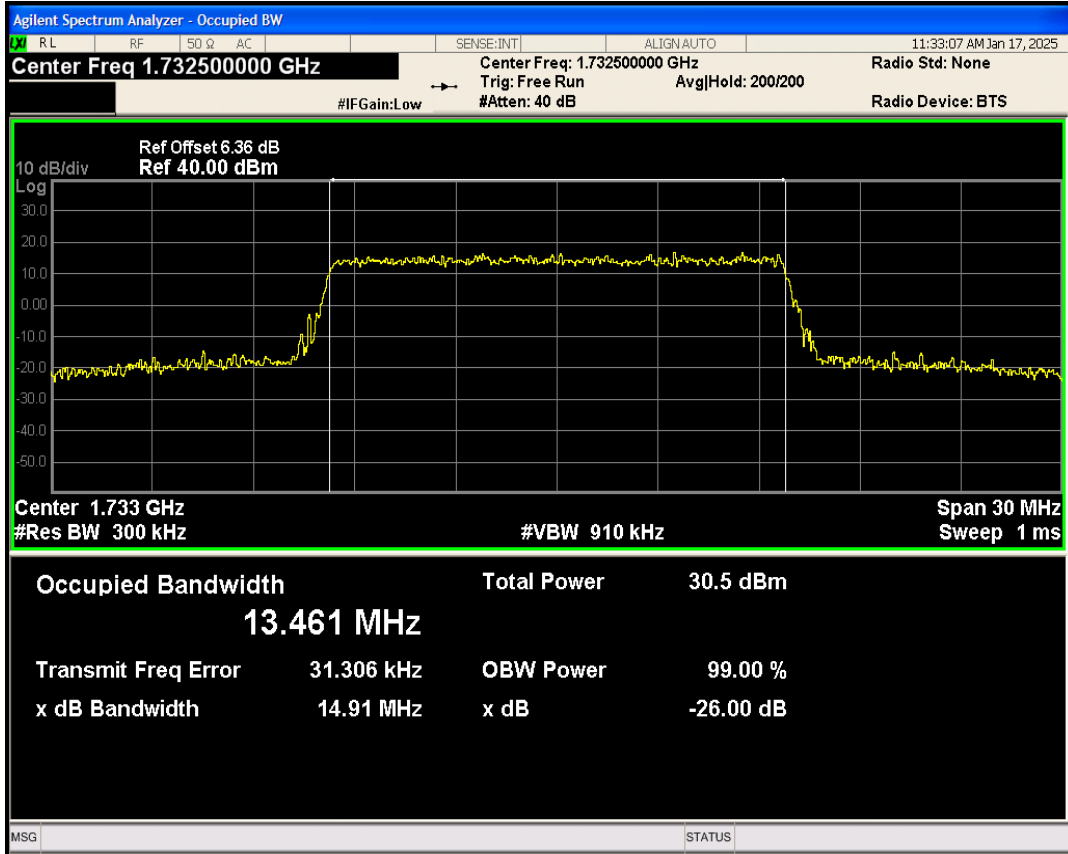
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



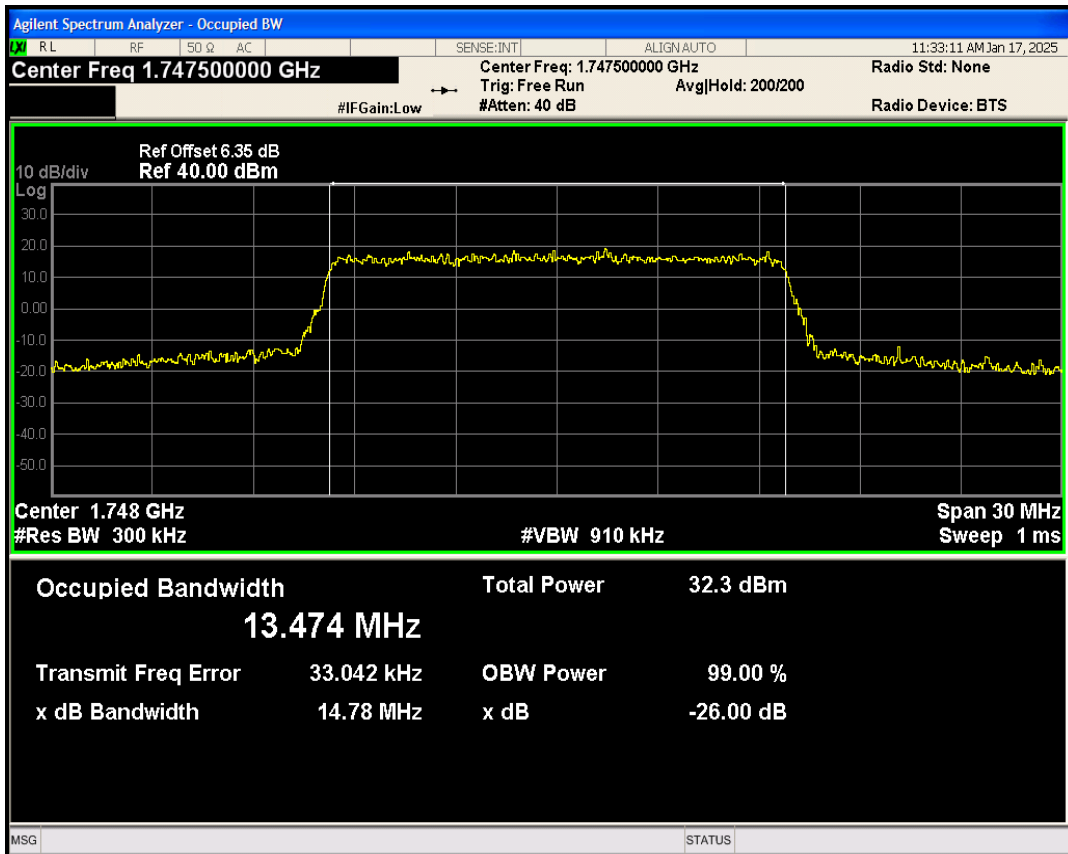
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



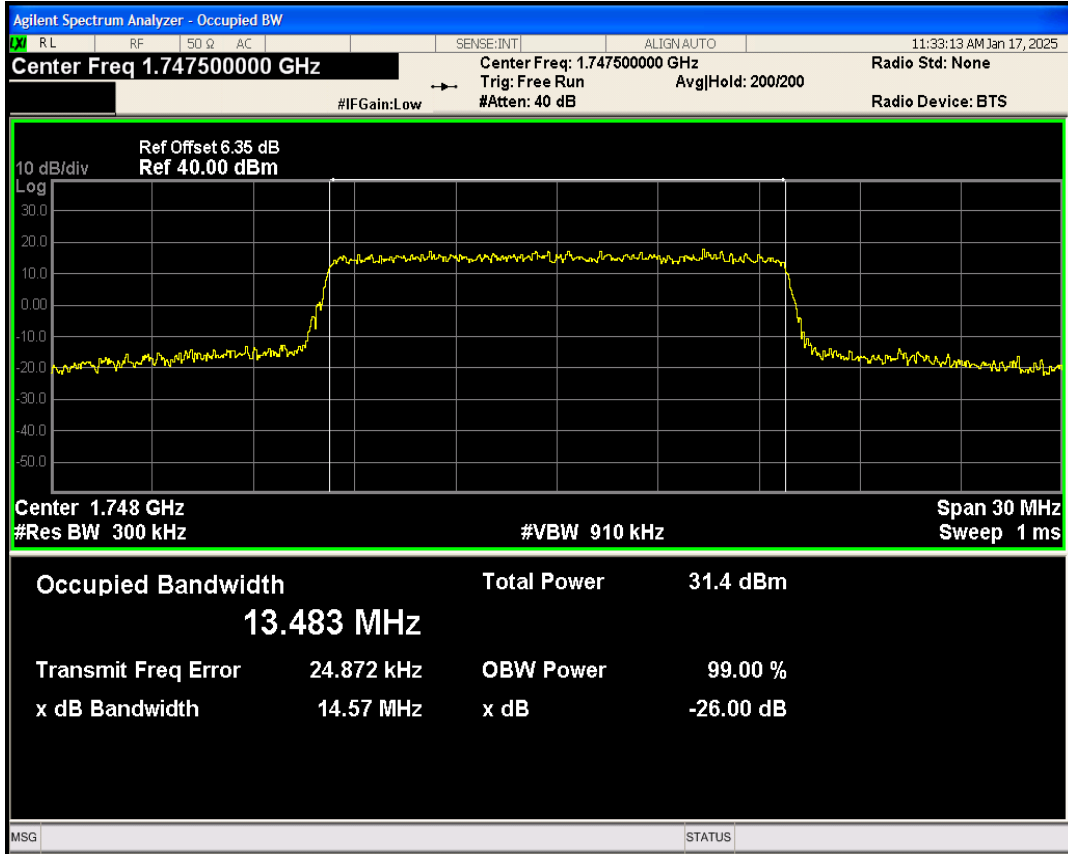
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



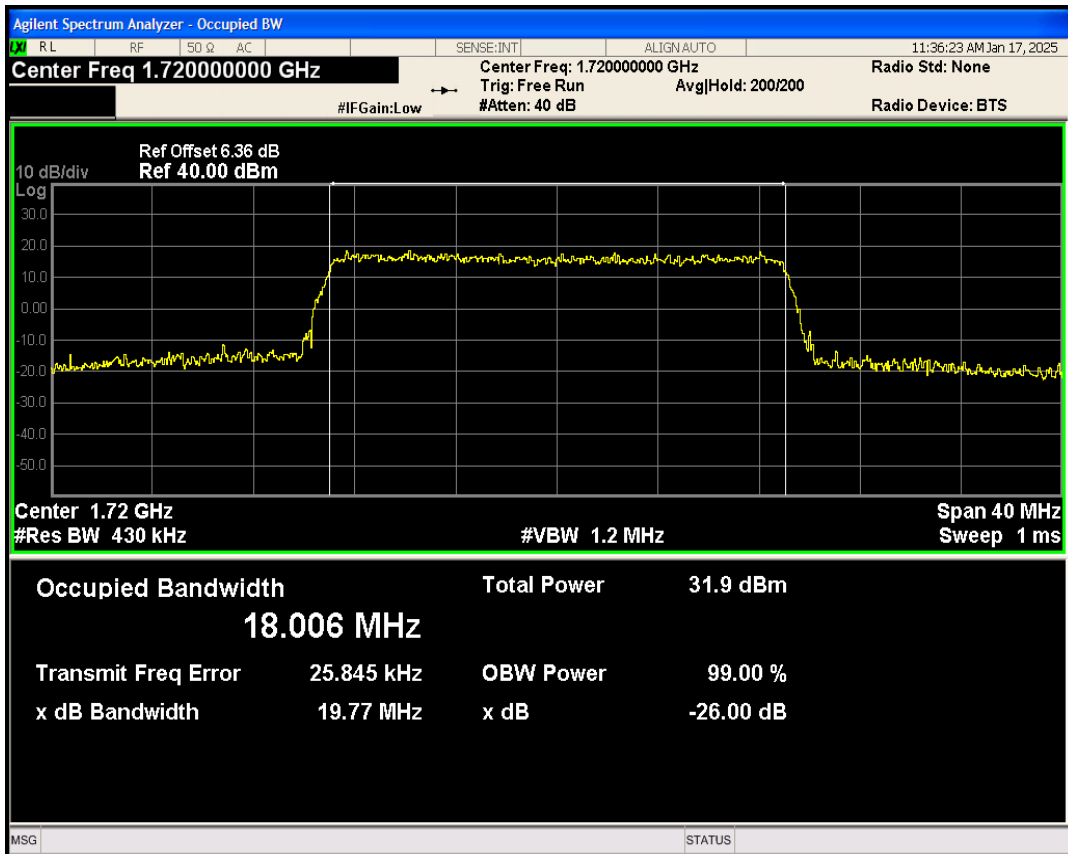
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



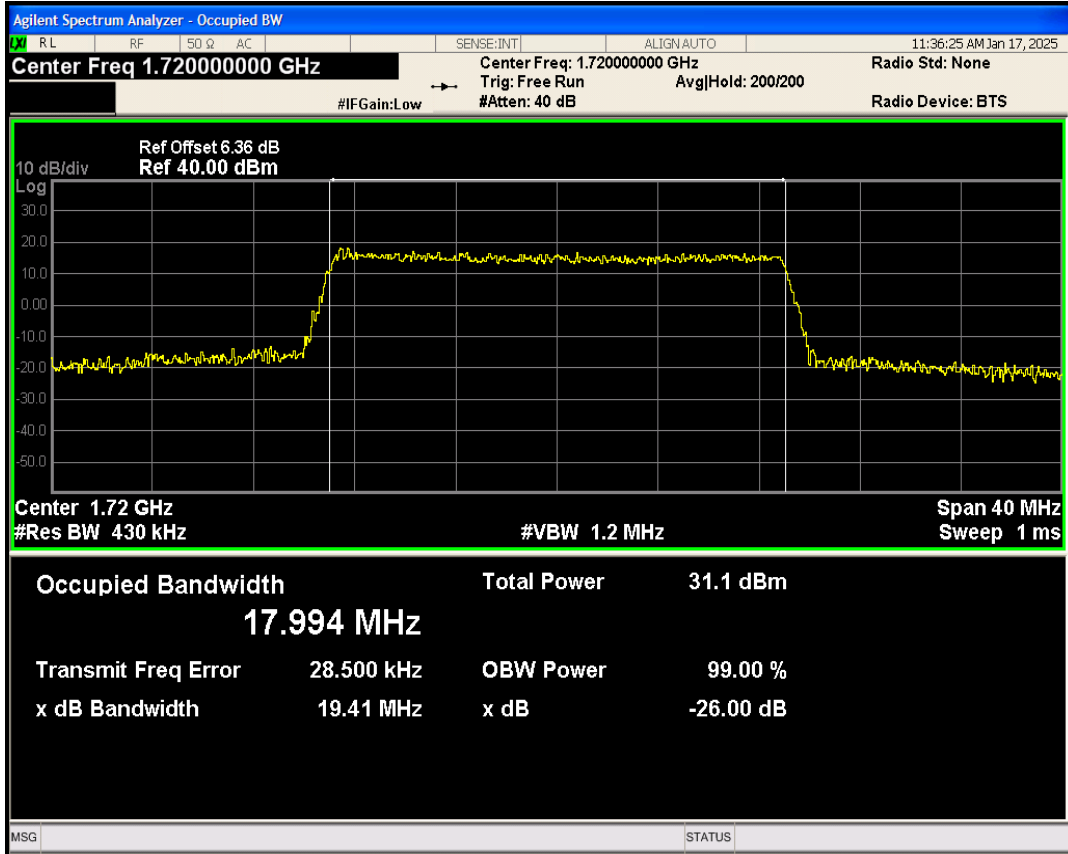
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



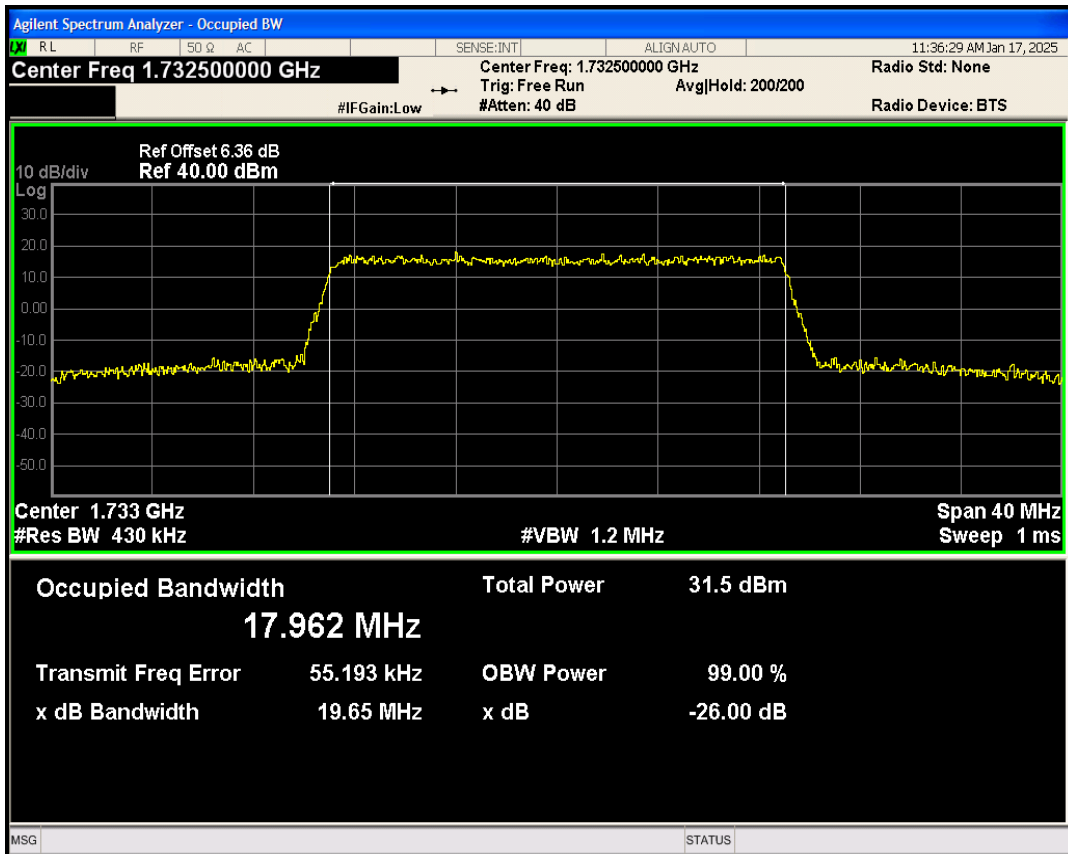
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



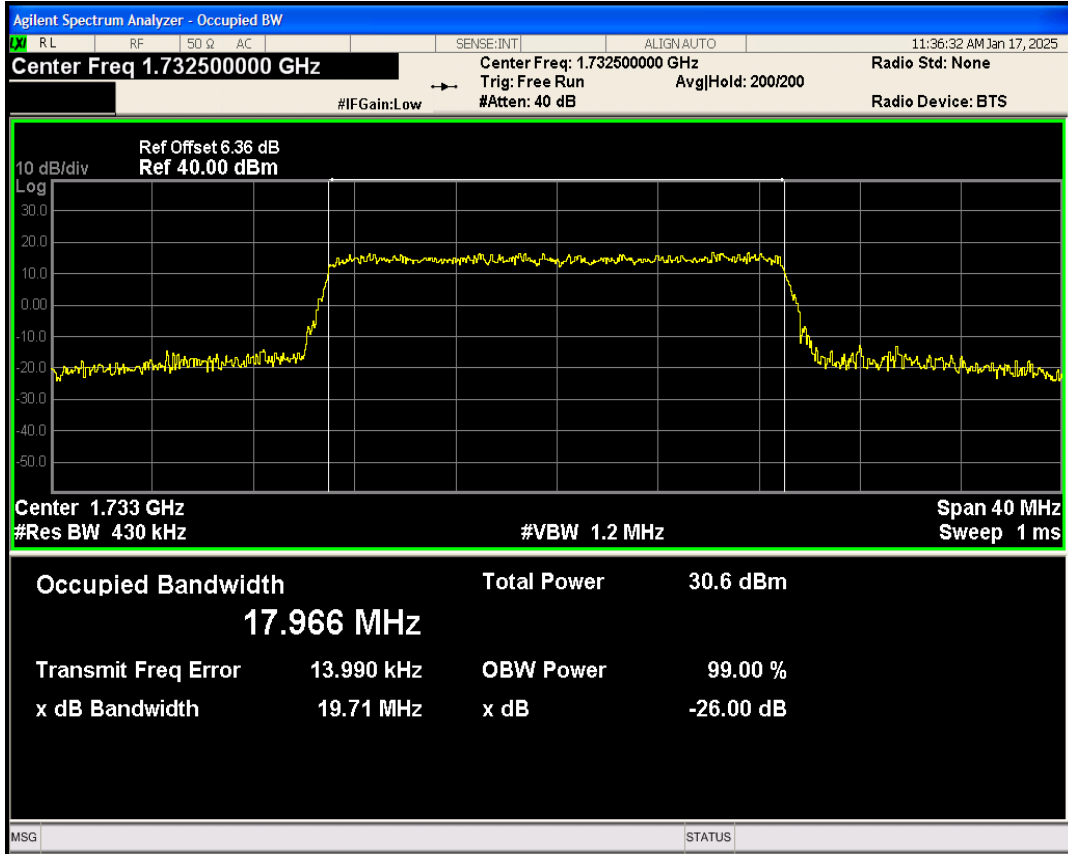
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



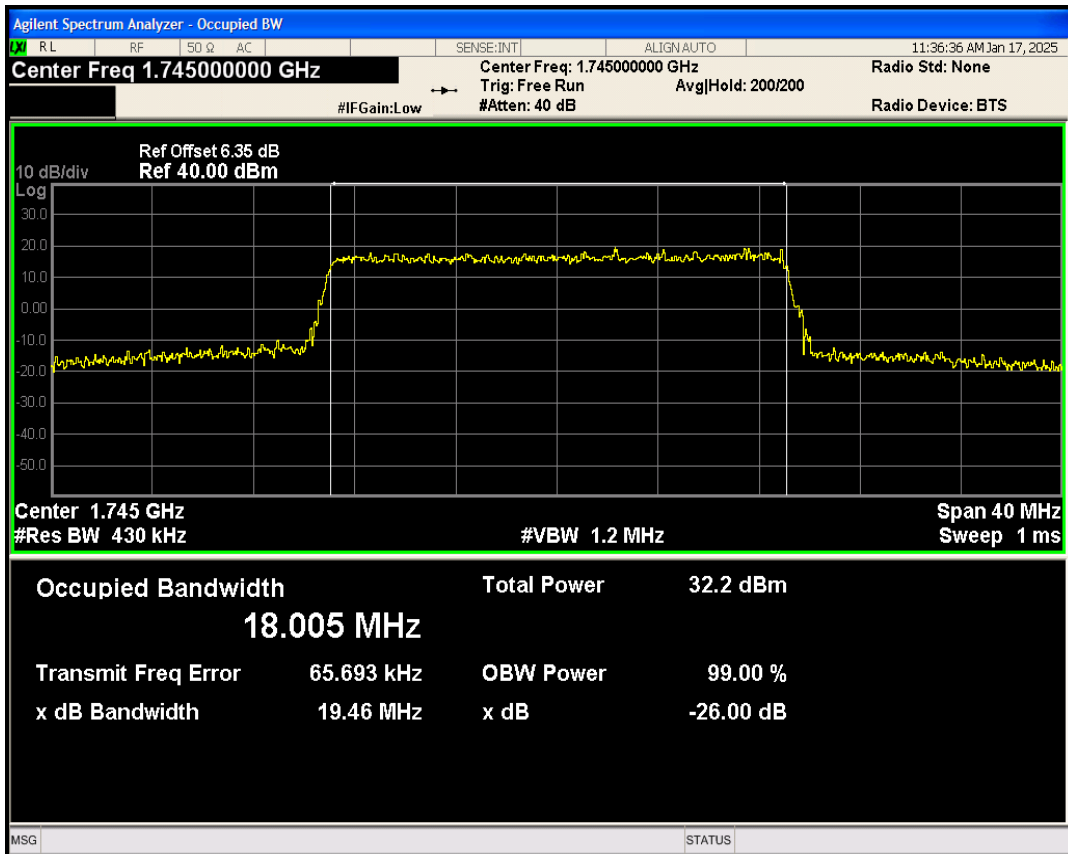
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



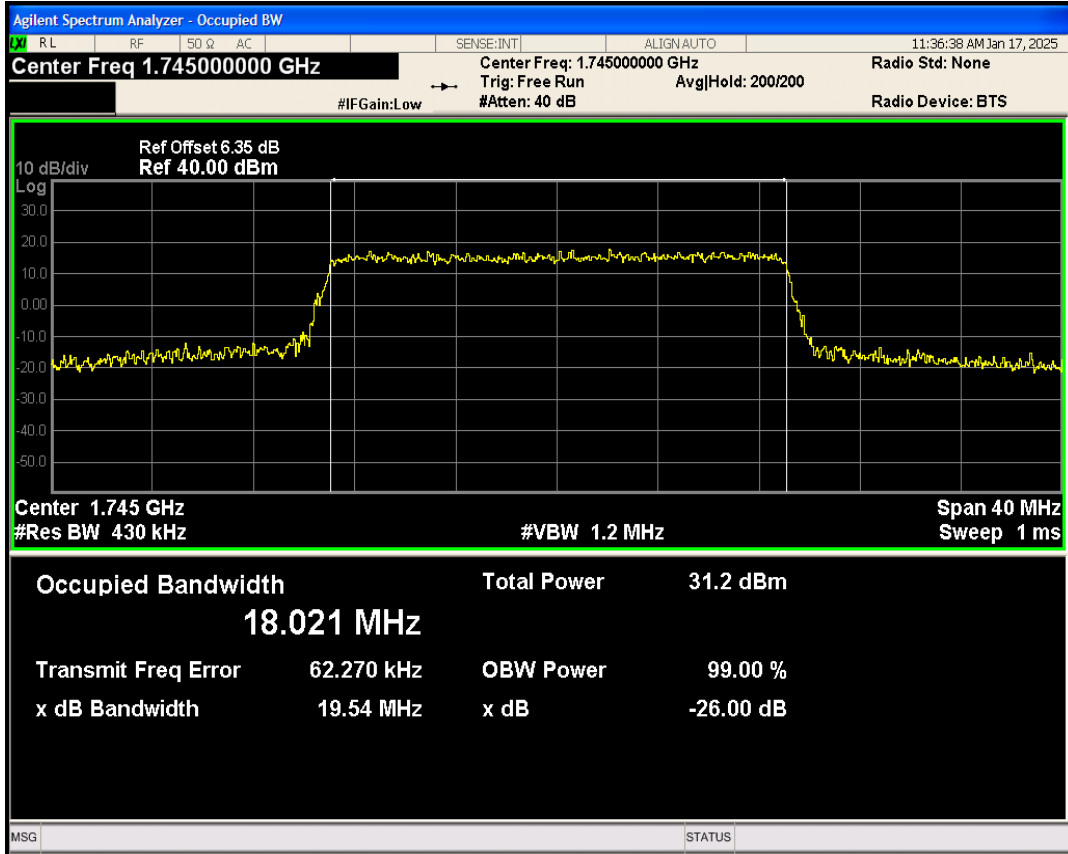
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



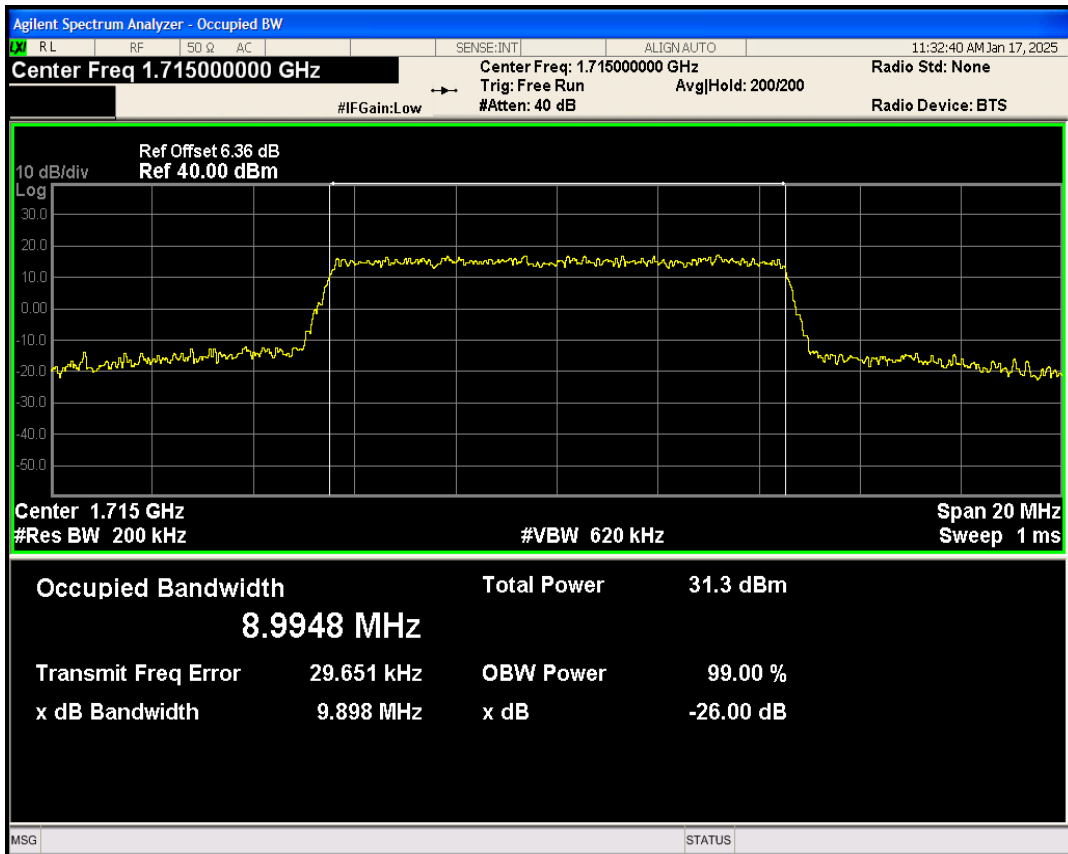
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



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



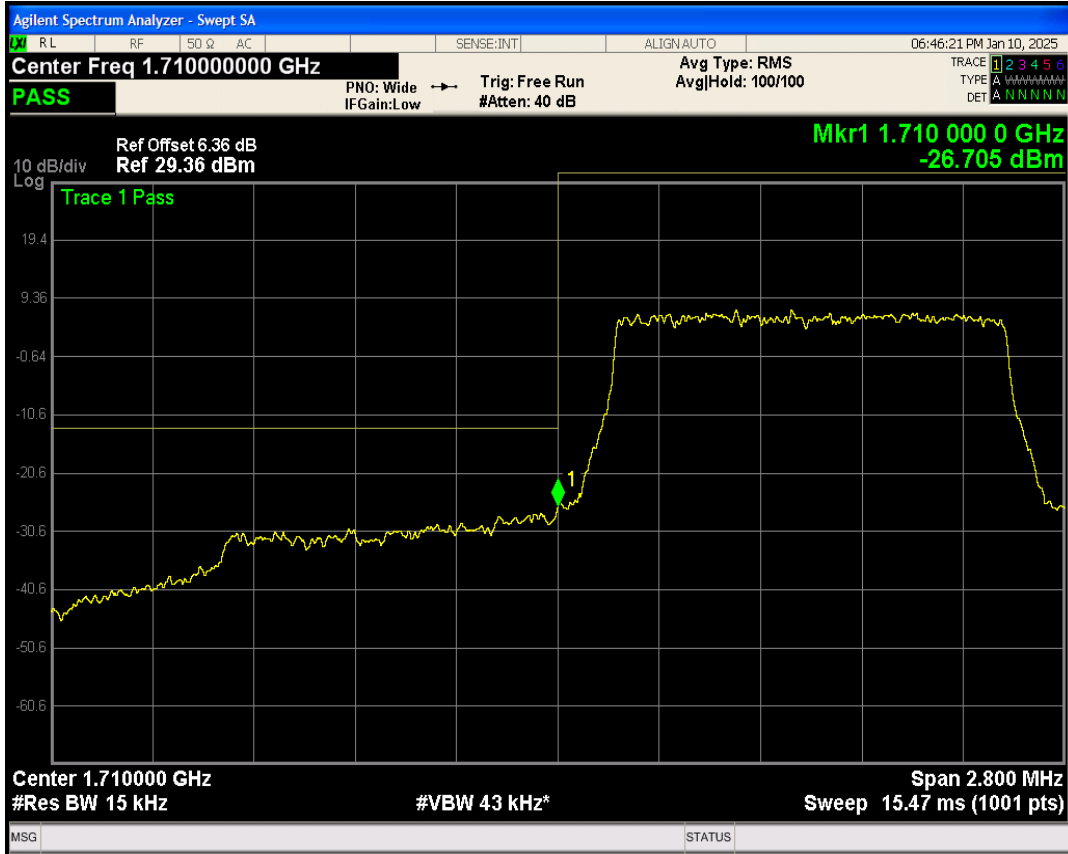
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



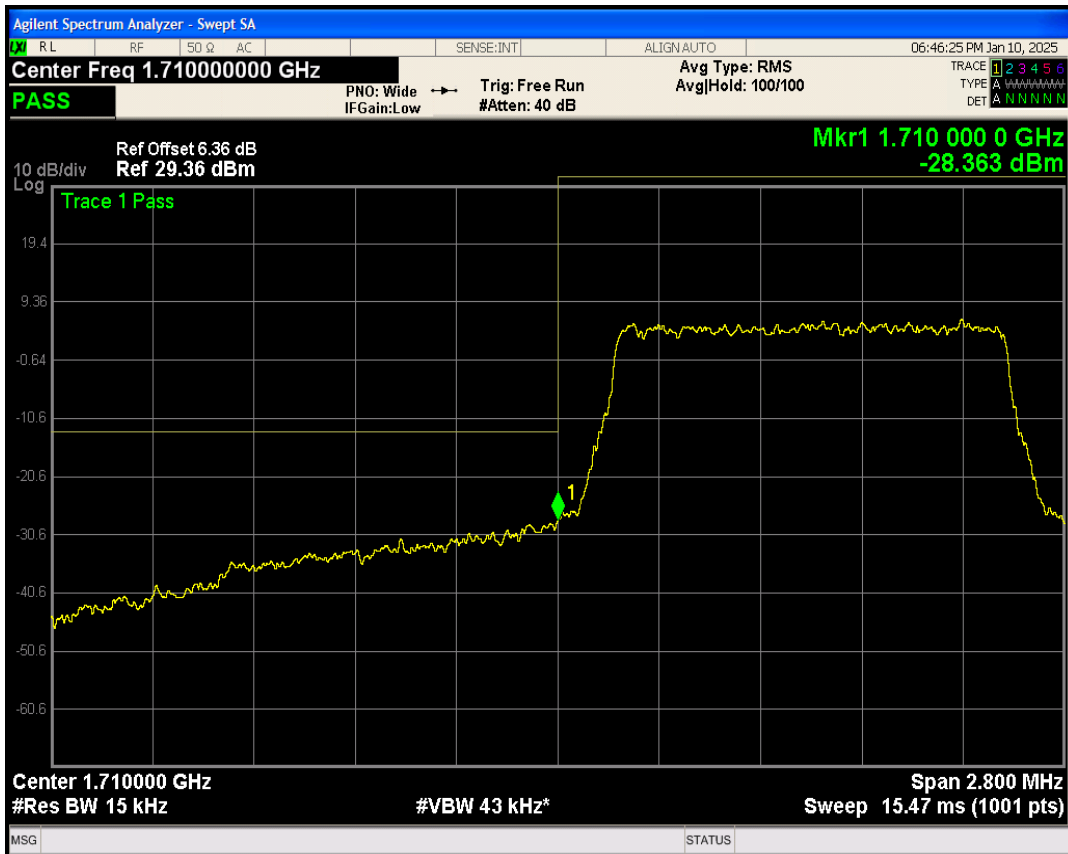
Appendix 5. Band edge

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	-26.70	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1710.00	-28.36	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.01	-27.19	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.06	-28.69	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-21.76	-13	PASS
Band4	3	19965	15	#0	16QAM	1710.00	-23.59	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-23.31	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.00	-23.17	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-26.07	-13	PASS
Band4	5	19975	25	#0	16QAM	1709.98	-27.62	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-26.15	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.00	-27.55	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-27.69	-13	PASS
Band4	10	20000	50	#0	16QAM	1710.00	-29.85	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-27.59	-13	PASS
Band4	10	20350	50	#0	16QAM	1755.00	-29.47	-13	PASS
Band4	15	20025	75	#0	QPSK	1710.00	-27.50	-13	PASS
Band4	15	20025	75	#0	16QAM	1709.85	-29.92	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.00	-25.54	-13	PASS
Band4	15	20325	75	#0	16QAM	1755.00	-28.07	-13	PASS
Band4	20	20050	100	#0	QPSK	1710.00	-29.31	-13	PASS
Band4	20	20050	100	#0	16QAM	1709.88	-30.53	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.08	-28.14	-13	PASS
Band4	20	20300	100	#0	16QAM	1755.16	-29.96	-13	PASS

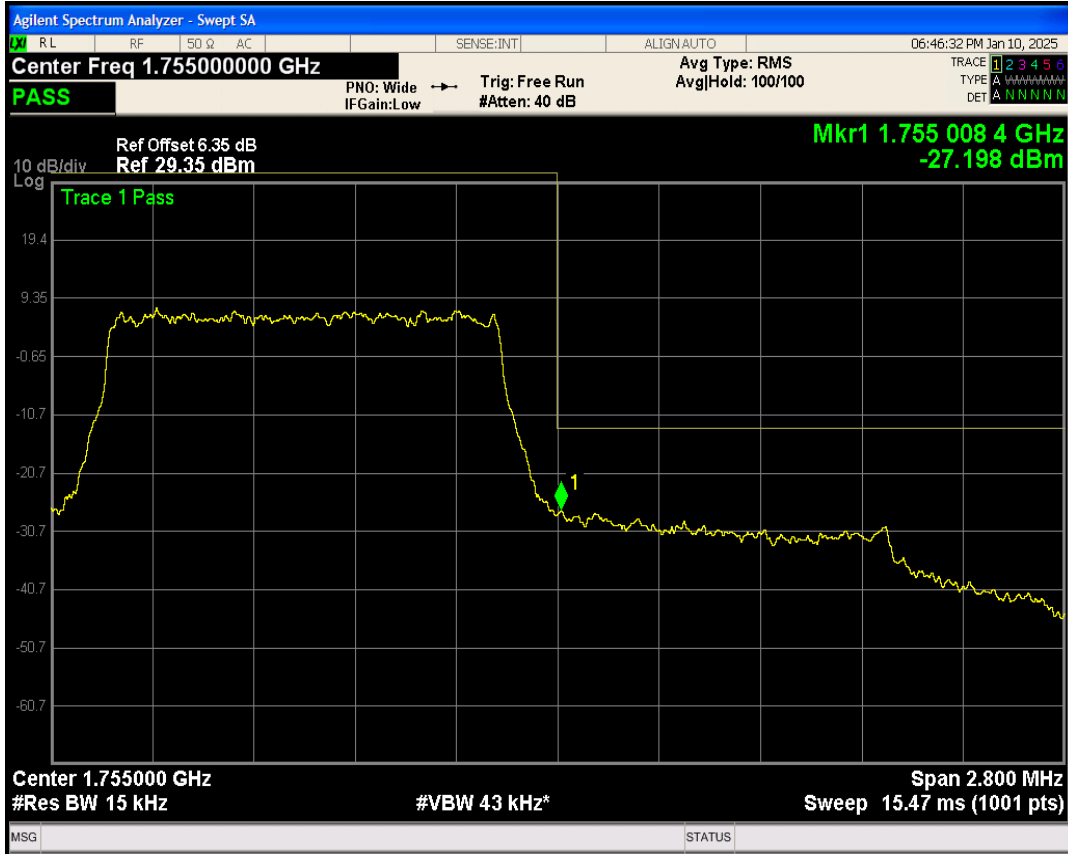
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



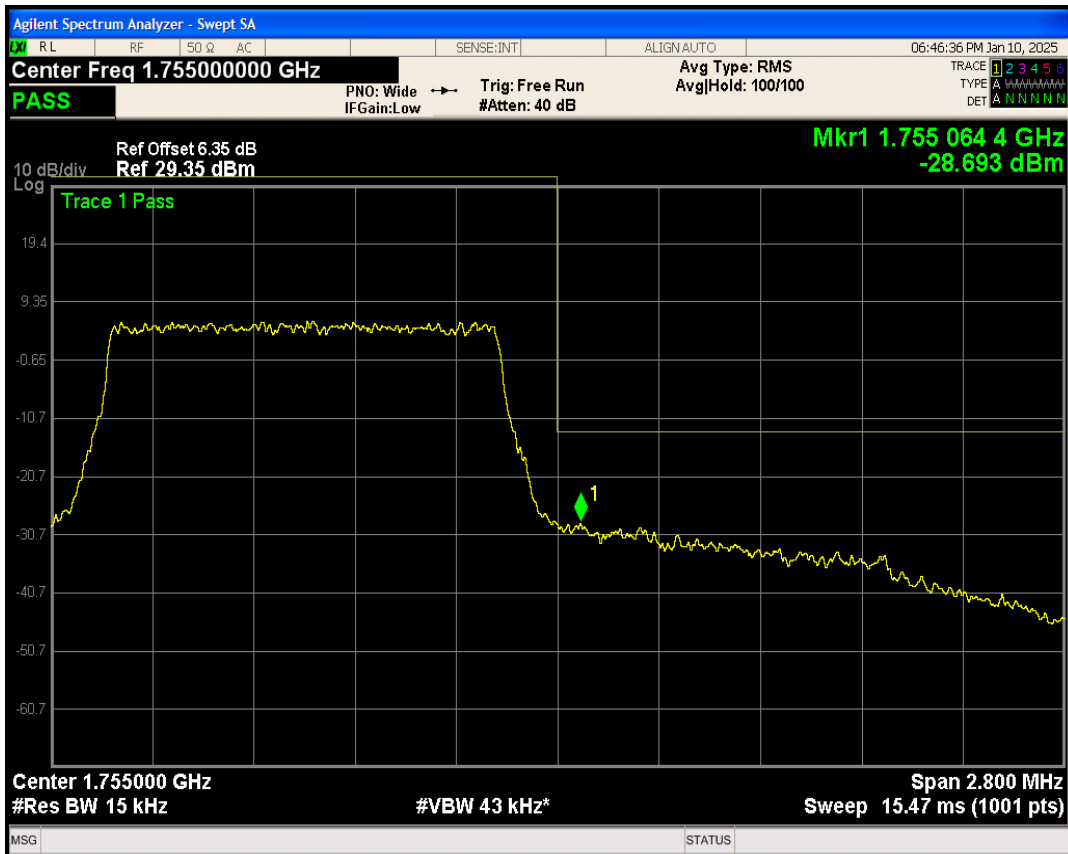
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



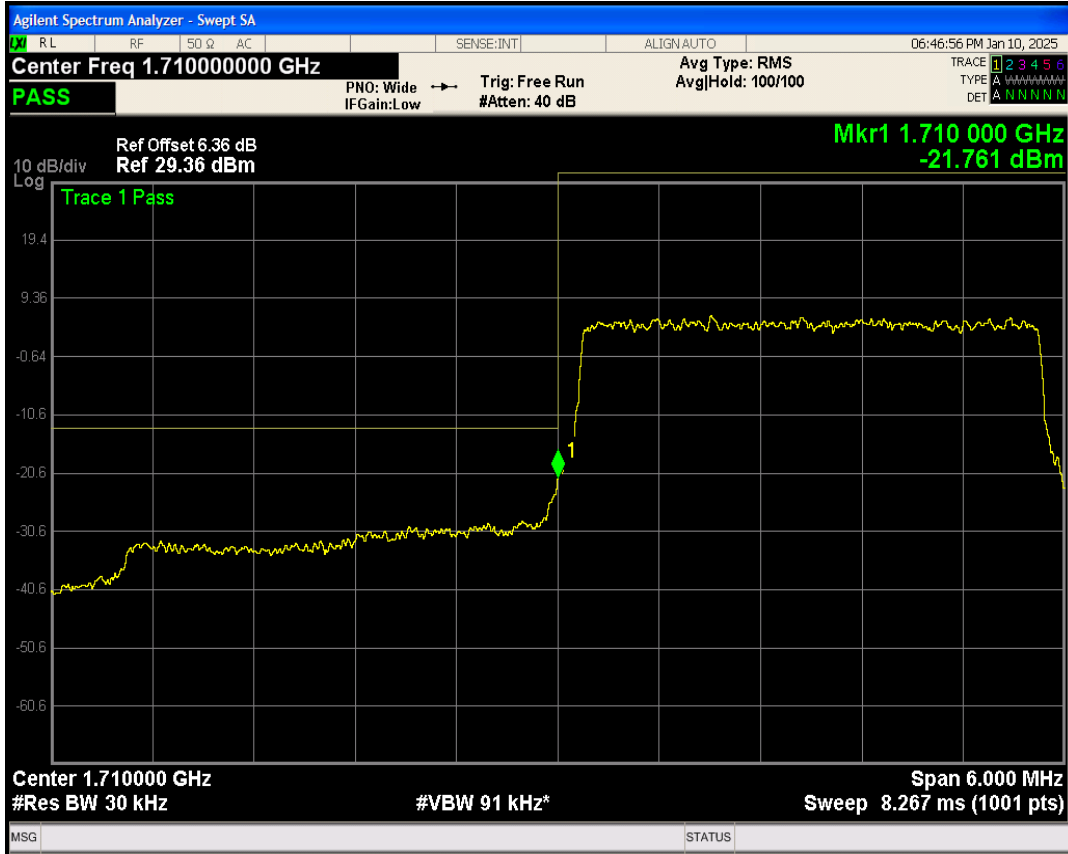
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



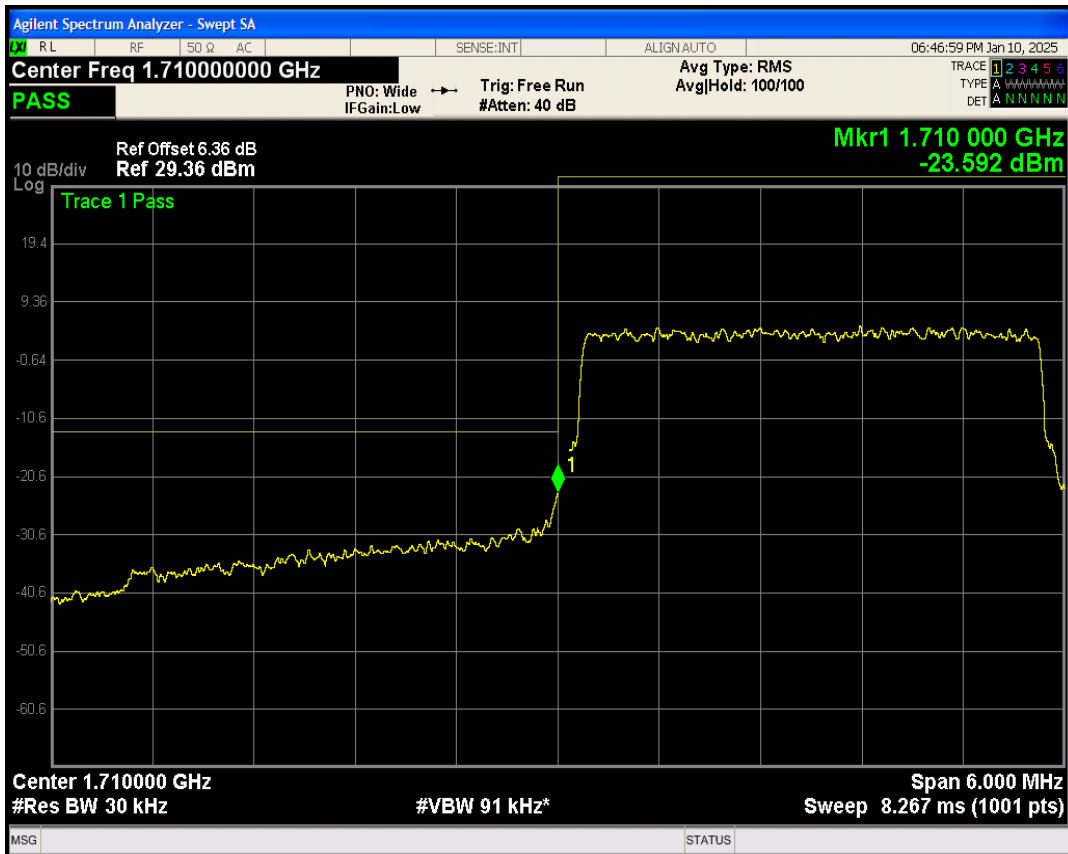
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



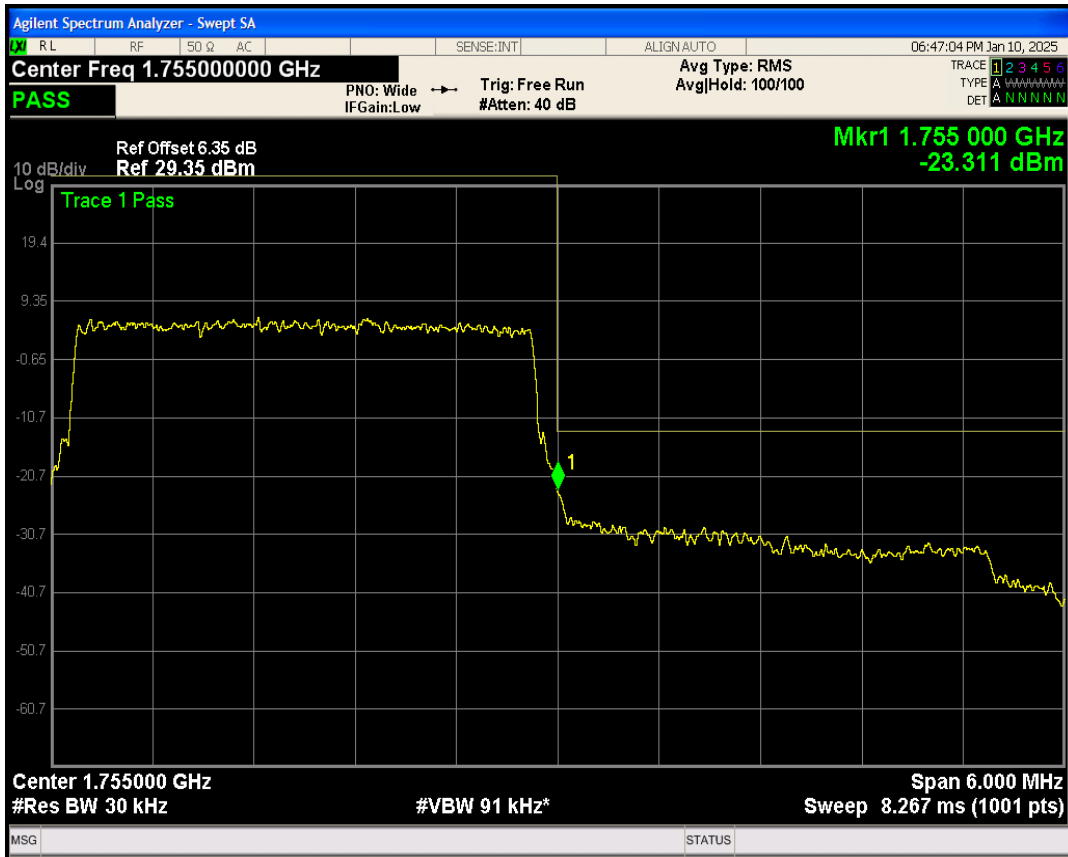
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



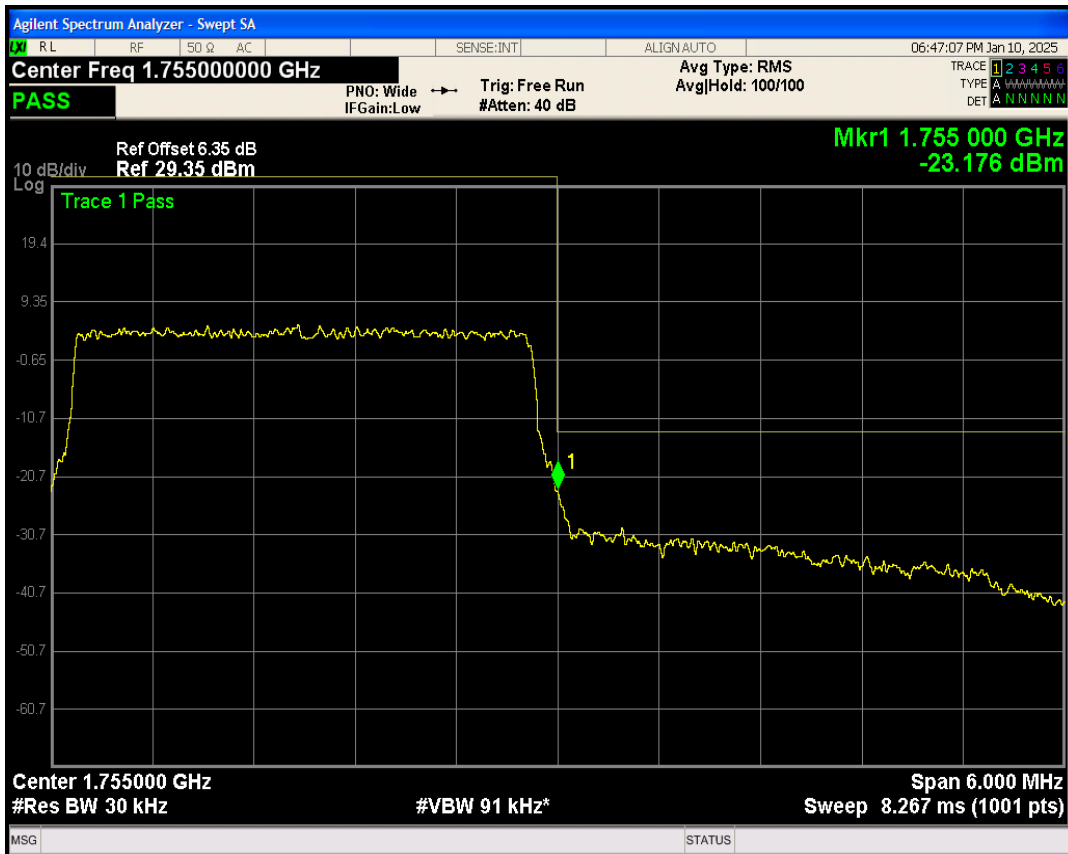
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



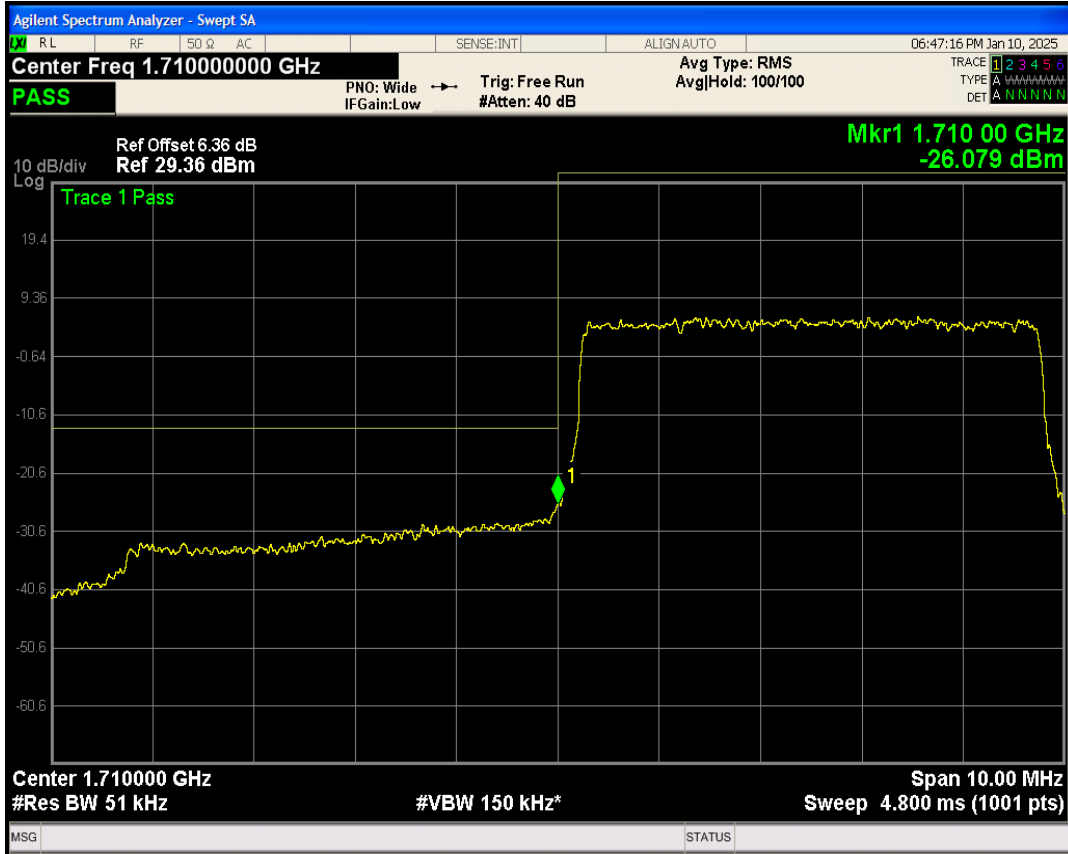
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



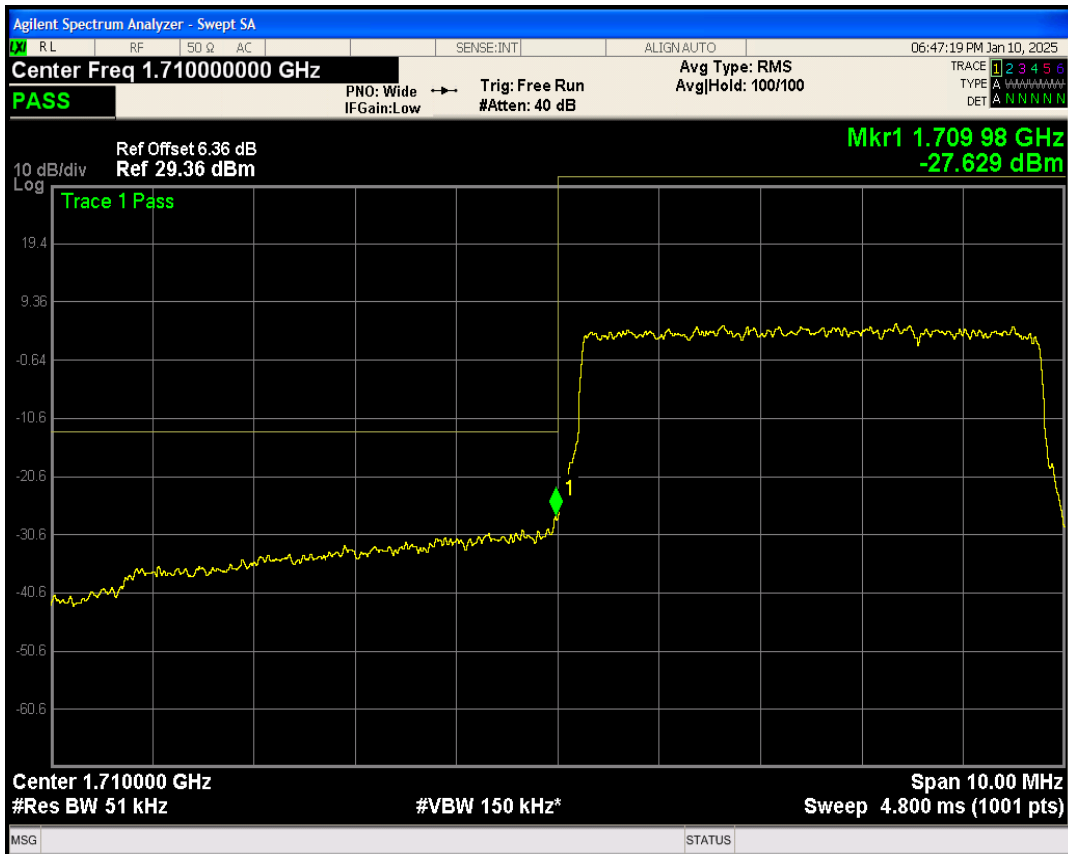
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



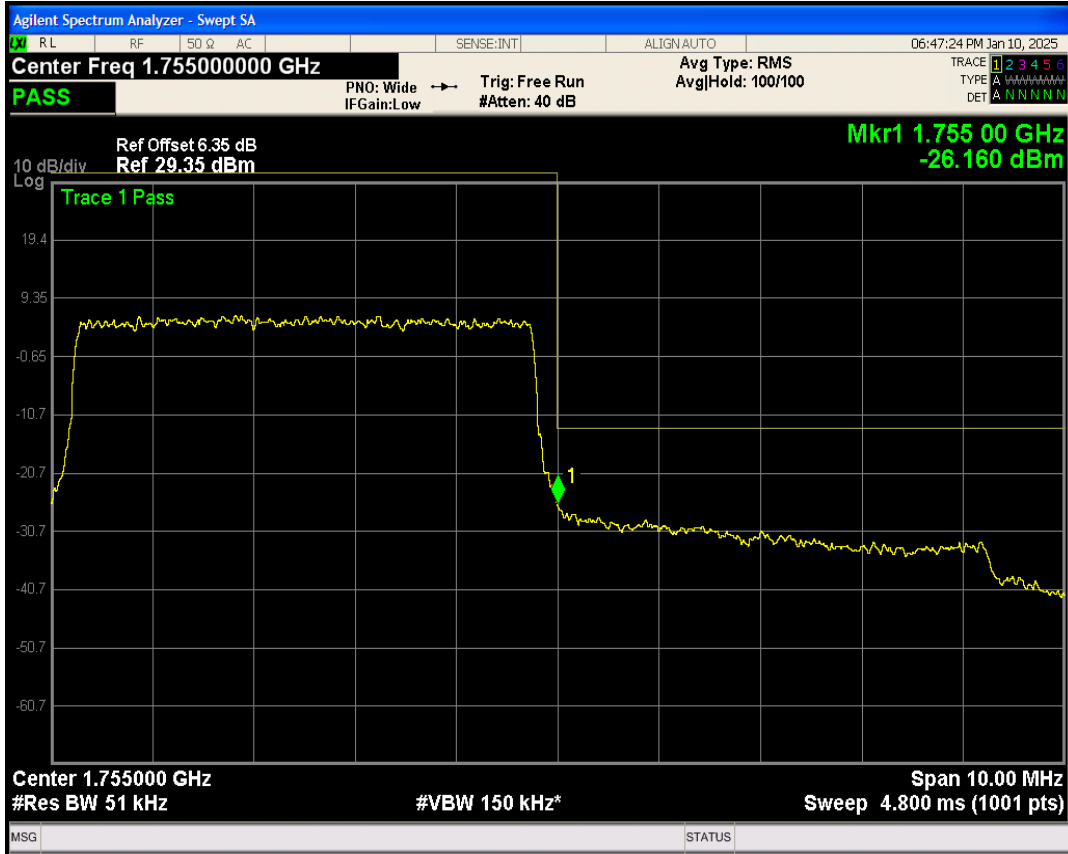
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



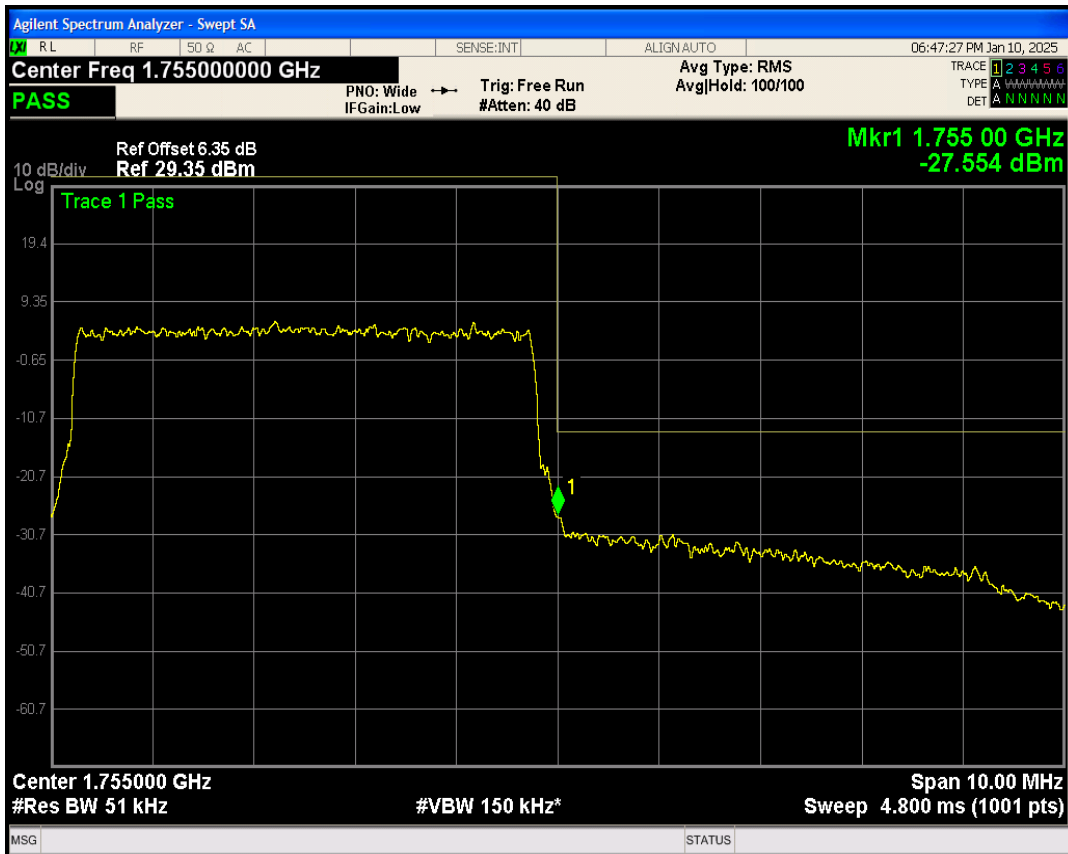
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



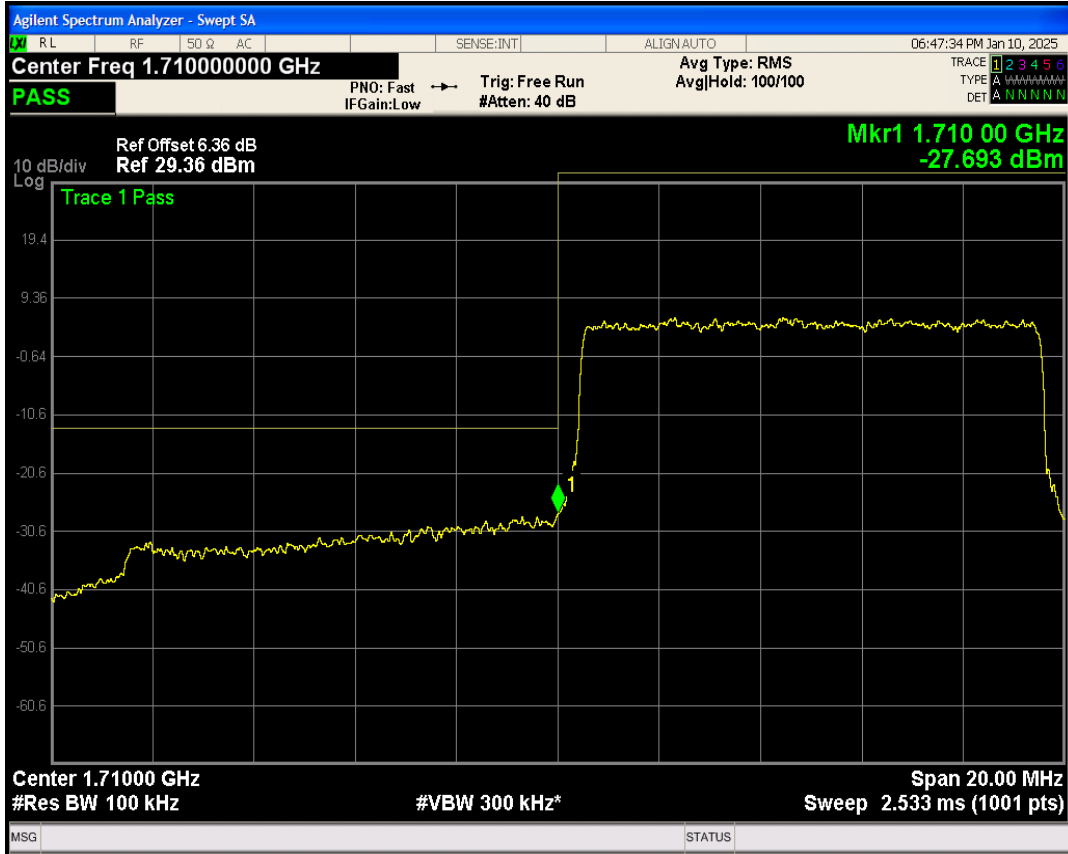
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



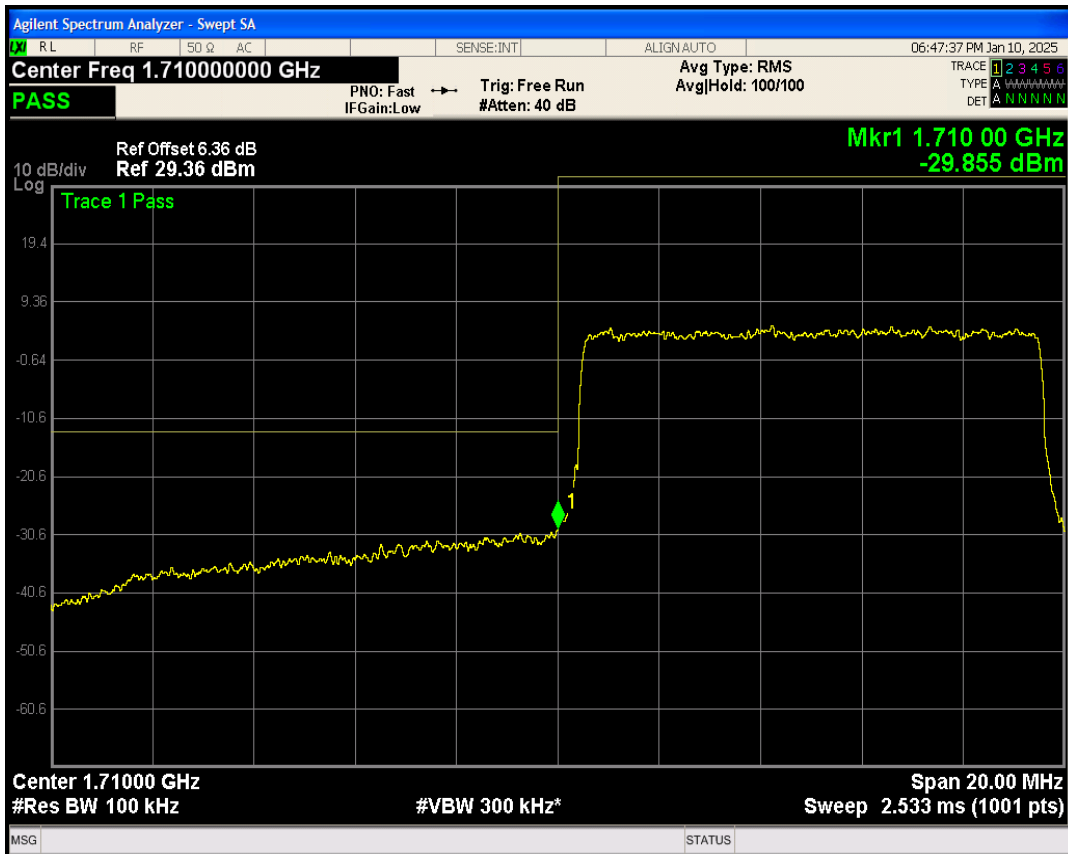
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



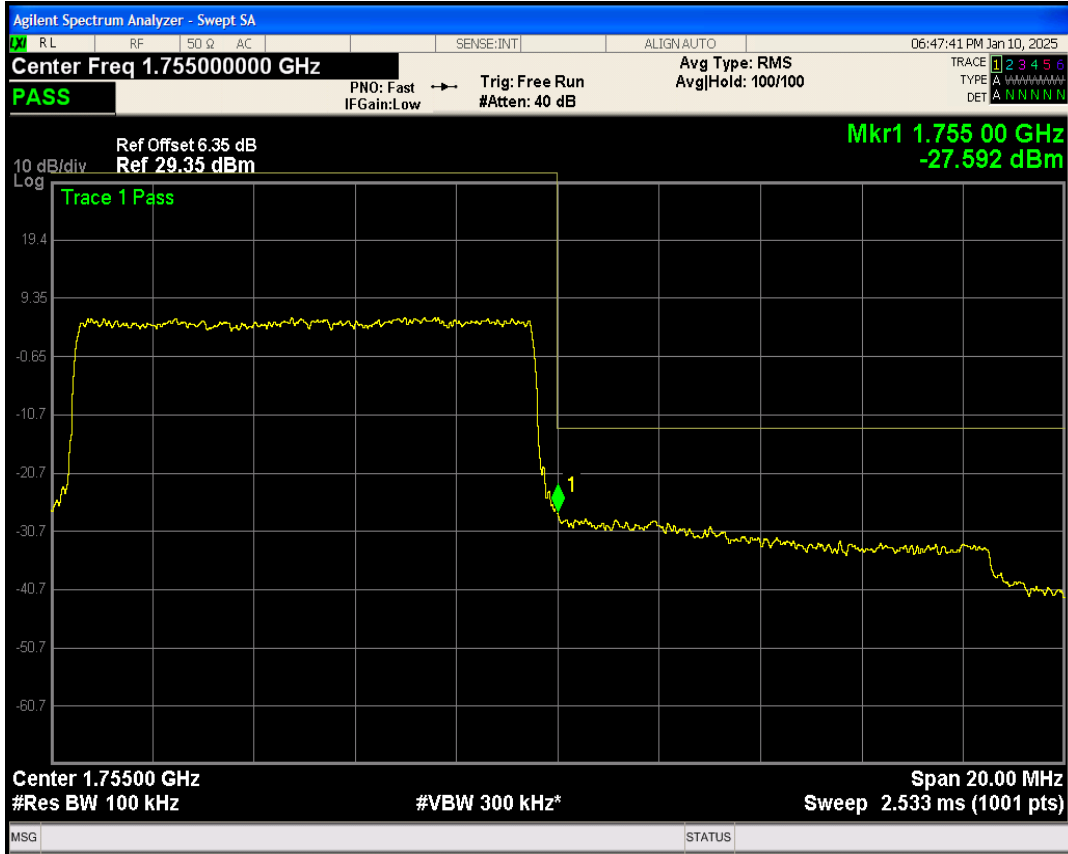
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



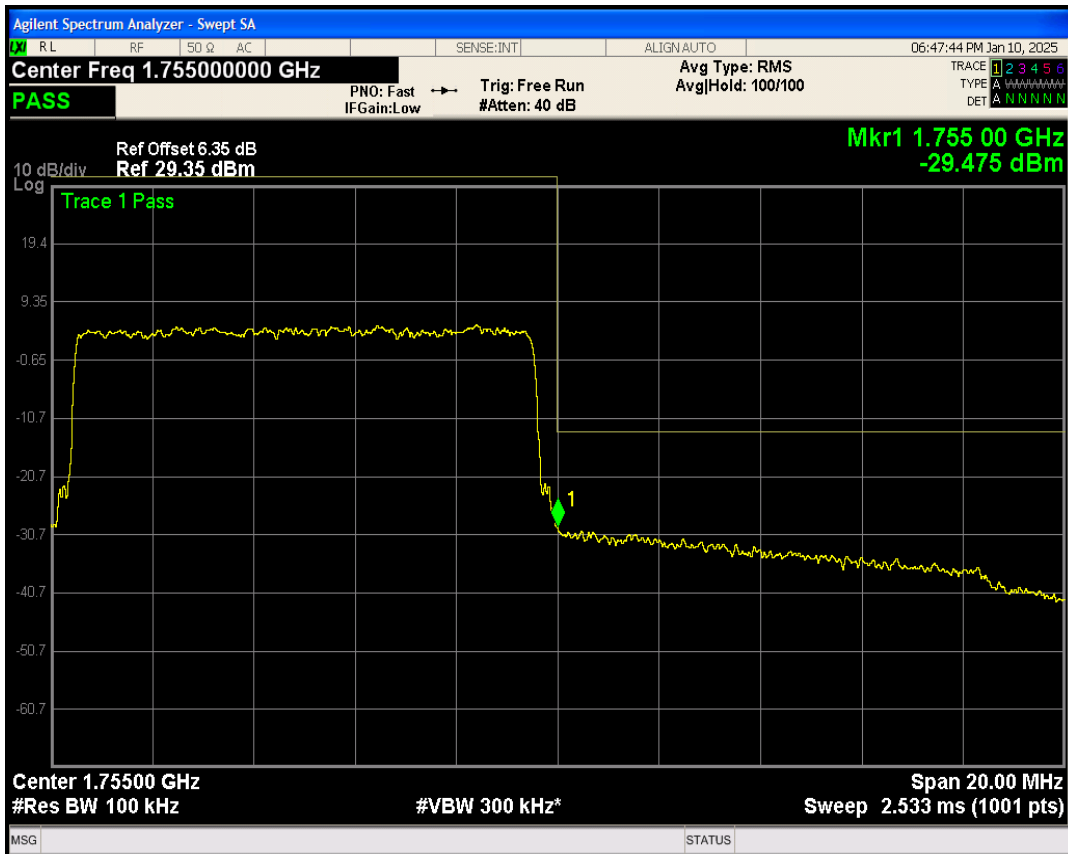
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



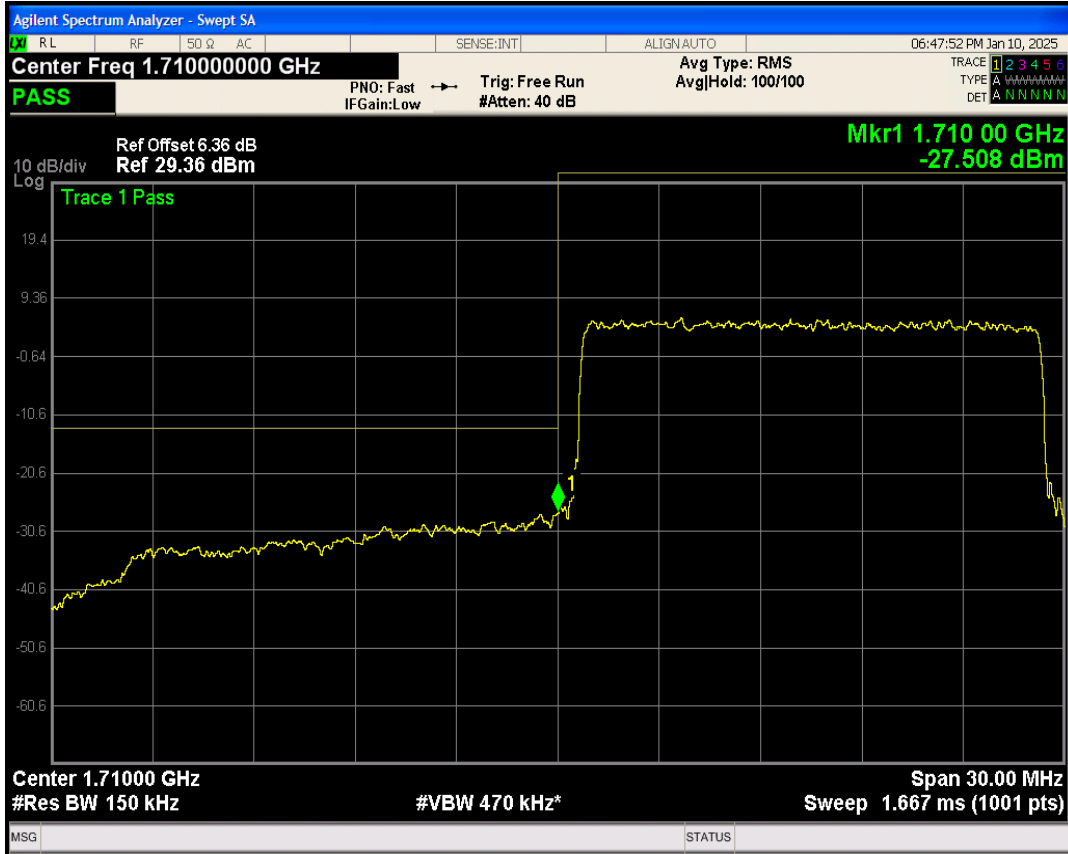
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



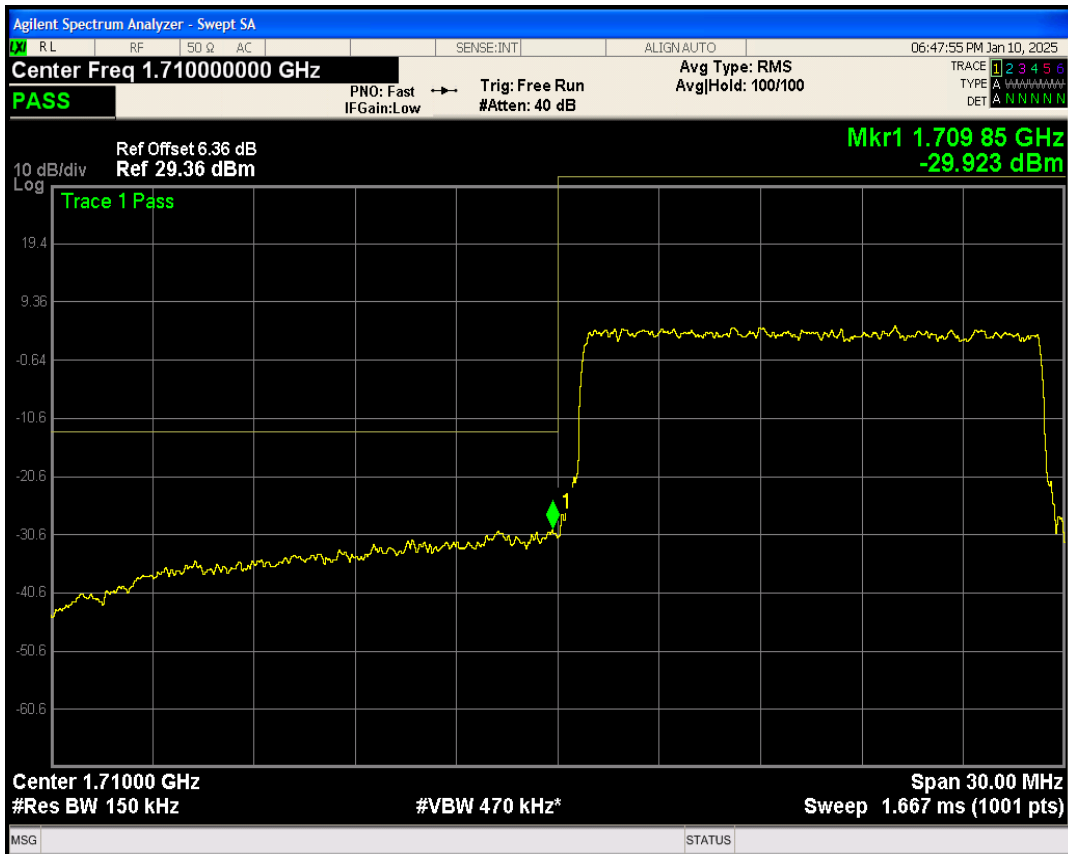
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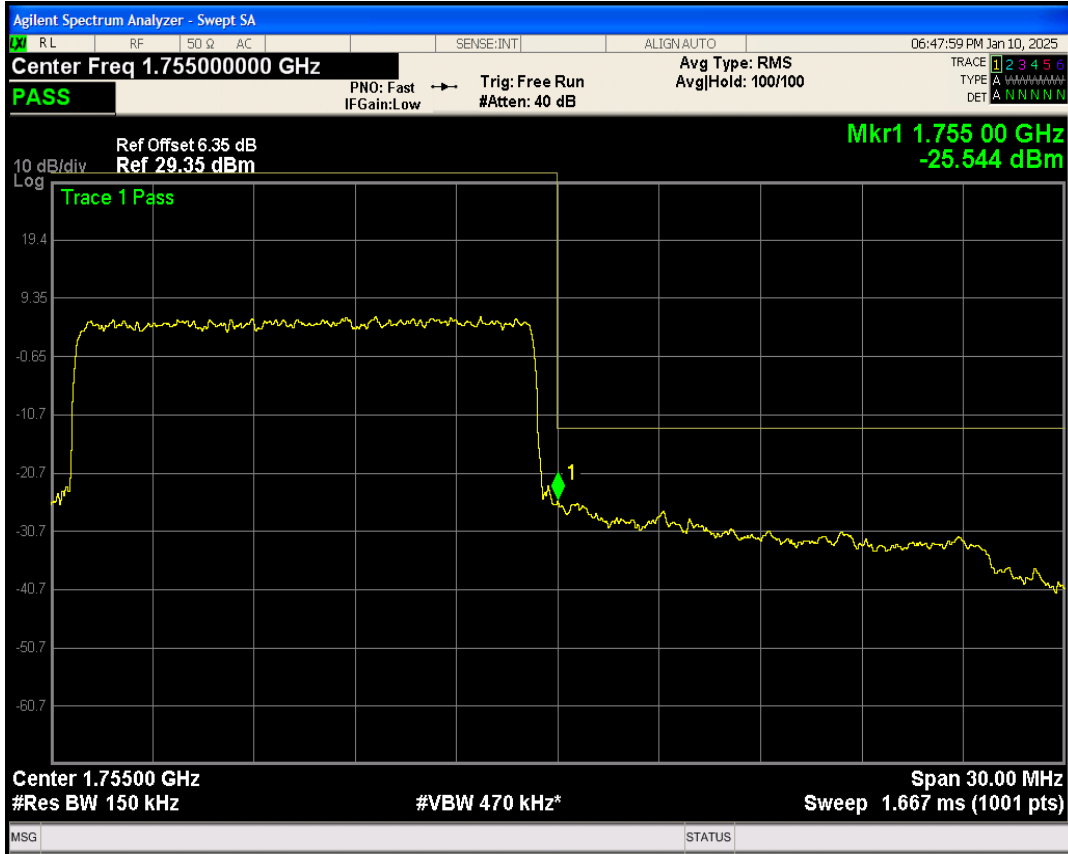
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



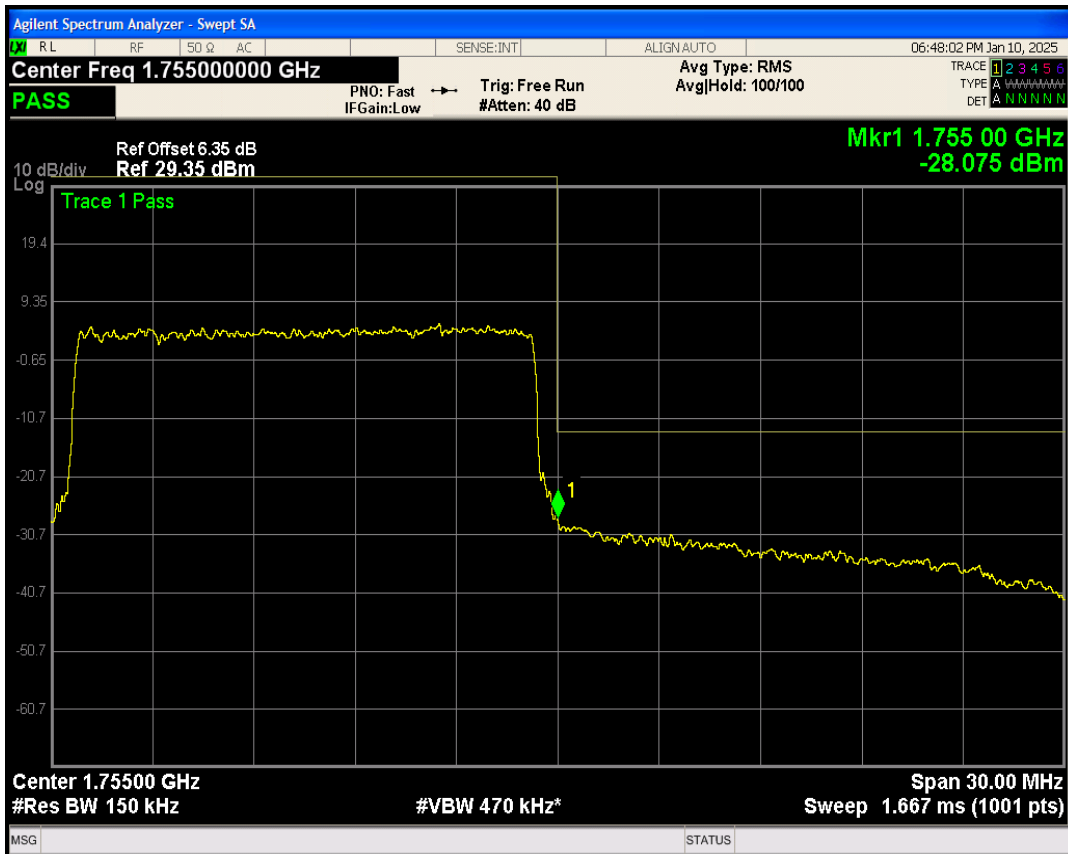
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



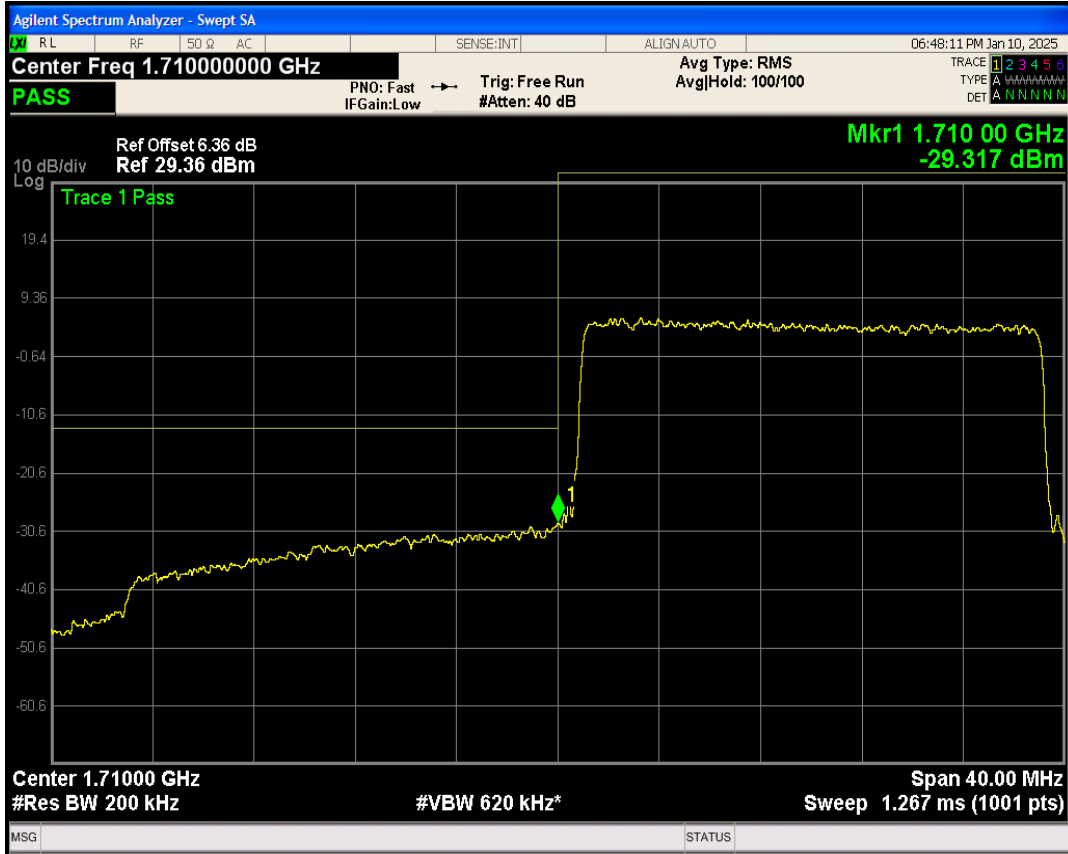
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



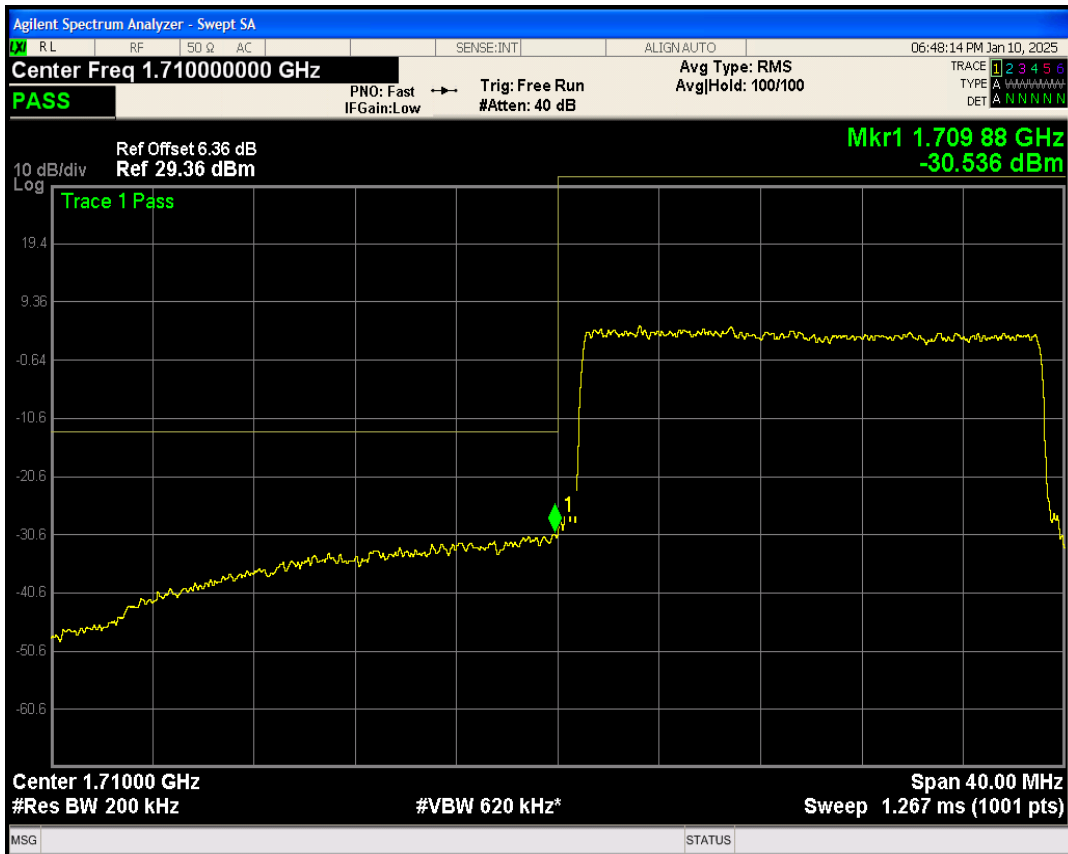
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



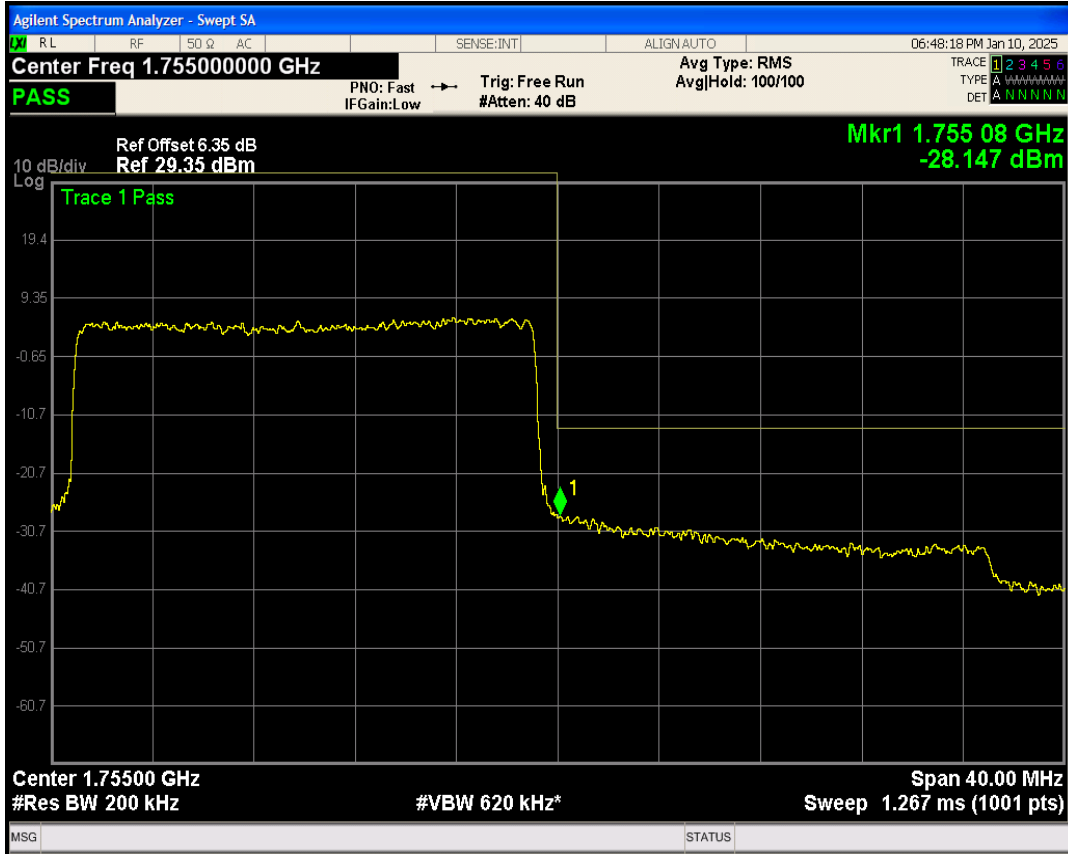
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



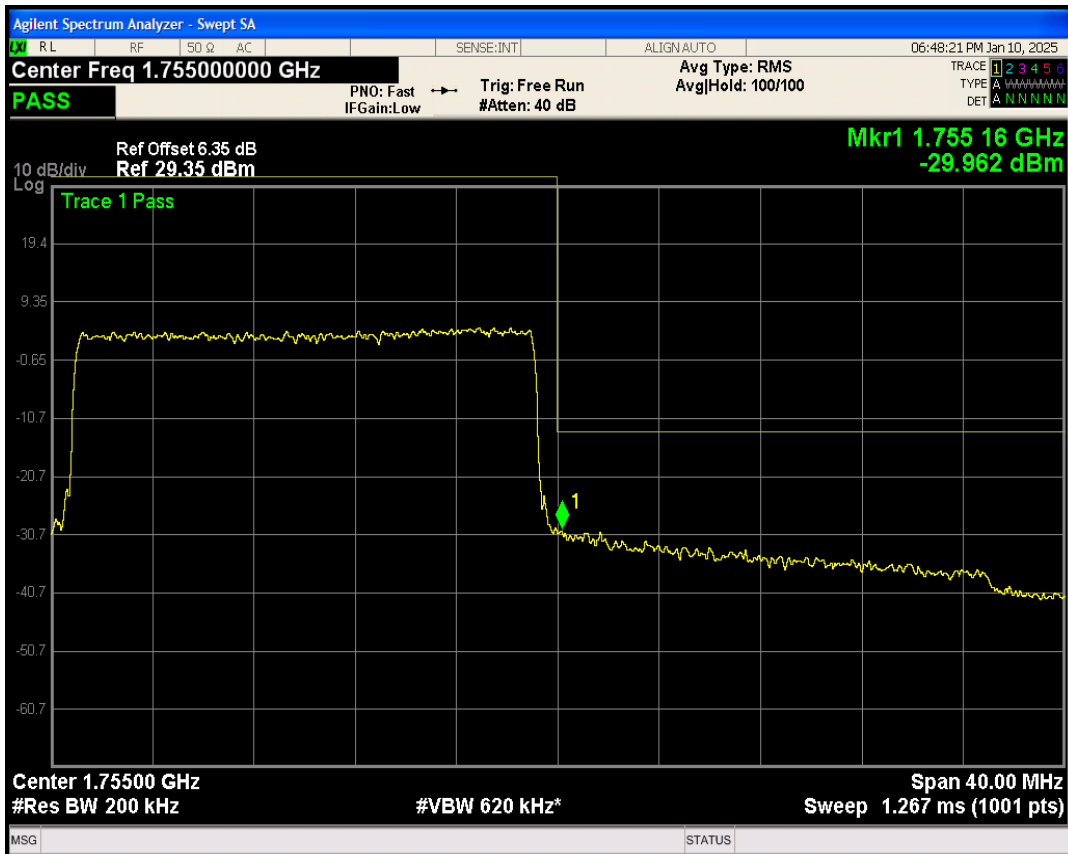
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



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



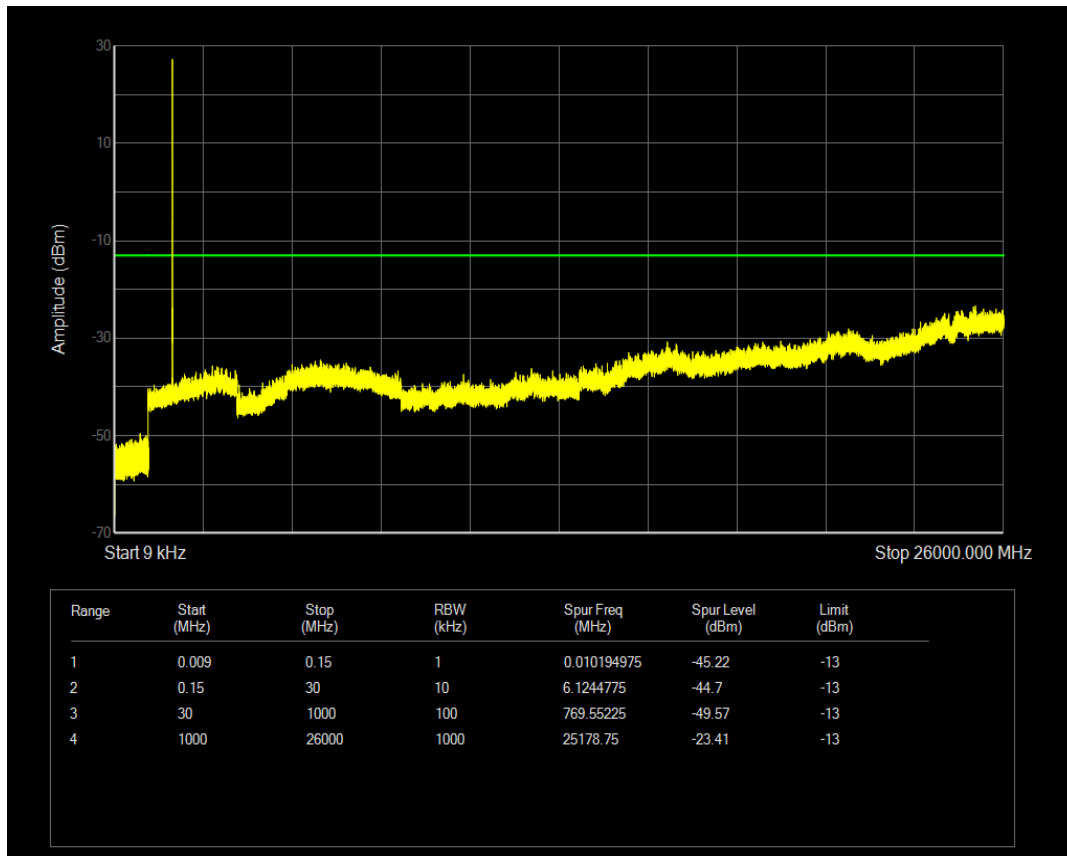
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



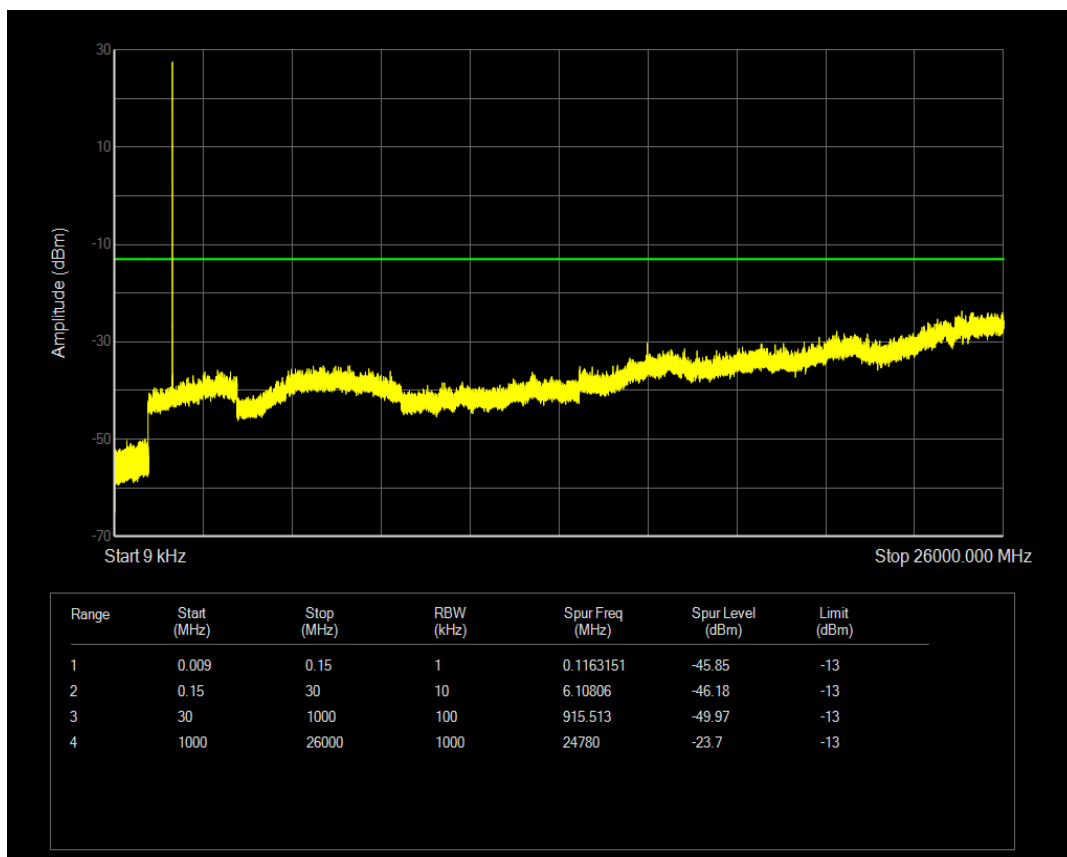
Appendix 6. Out-of-band emissions

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	25178.75	-23.41	-13	PASS
Band4	1.4	19957	6	#0	16QAM	24780.00	-23.70	-13	PASS
Band4	1.4	20175	6	#0	QPSK	24769.38	-23.18	-13	PASS
Band4	1.4	20175	6	#0	16QAM	25630.00	-23.39	-13	PASS
Band4	1.4	20393	6	#0	QPSK	25677.50	-23.75	-13	PASS
Band4	1.4	20393	6	#0	16QAM	25718.13	-23.51	-13	PASS
Band4	3	19965	15	#0	QPSK	25056.25	-23.76	-13	PASS
Band4	3	19965	15	#0	16QAM	25805.00	-23.44	-13	PASS
Band4	3	20175	15	#0	QPSK	25096.25	-23.45	-13	PASS
Band4	3	20175	15	#0	16QAM	25128.13	-23.55	-13	PASS
Band4	3	20385	15	#0	QPSK	25710.63	-23.28	-13	PASS
Band4	3	20385	15	#0	16QAM	25653.75	-23.59	-13	PASS
Band4	5	19975	25	#0	QPSK	25790.63	-23.47	-13	PASS
Band4	5	19975	25	#0	16QAM	25255.63	-23.56	-13	PASS
Band4	5	20175	25	#0	QPSK	24888.13	-23.65	-13	PASS
Band4	5	20175	25	#0	16QAM	25967.50	-21.85	-13	PASS
Band4	5	20375	25	#0	QPSK	25760.63	-22.80	-13	PASS
Band4	5	20375	25	#0	16QAM	25522.50	-23.06	-13	PASS
Band4	10	20000	50	#0	QPSK	25977.50	-23.48	-13	PASS
Band4	10	20000	50	#0	16QAM	25681.25	-23.28	-13	PASS
Band4	10	20175	50	#0	QPSK	24697.50	-22.92	-13	PASS
Band4	10	20175	50	#0	16QAM	25085.63	-22.99	-13	PASS
Band4	10	20350	50	#0	QPSK	25170.63	-23.59	-13	PASS
Band4	10	20350	50	#0	16QAM	25879.38	-23.34	-13	PASS
Band4	15	20025	75	#0	QPSK	25061.25	-23.94	-13	PASS
Band4	15	20025	75	#0	16QAM	24714.38	-23.64	-13	PASS
Band4	15	20175	75	#0	QPSK	25636.88	-23.67	-13	PASS
Band4	15	20175	75	#0	16QAM	24768.13	-23.78	-13	PASS
Band4	15	20325	75	#0	QPSK	25999.38	-22.64	-13	PASS
Band4	15	20325	75	#0	16QAM	25875.00	-23.57	-13	PASS
Band4	20	20050	100	#0	QPSK	25998.75	-23.50	-13	PASS
Band4	20	20050	100	#0	16QAM	25781.88	-23.77	-13	PASS
Band4	20	20175	100	#0	QPSK	24788.75	-23.50	-13	PASS
Band4	20	20175	100	#0	16QAM	25042.50	-23.78	-13	PASS
Band4	20	20300	100	#0	QPSK	25819.38	-24.10	-13	PASS
Band4	20	20300	100	#0	16QAM	25923.13	-23.03	-13	PASS

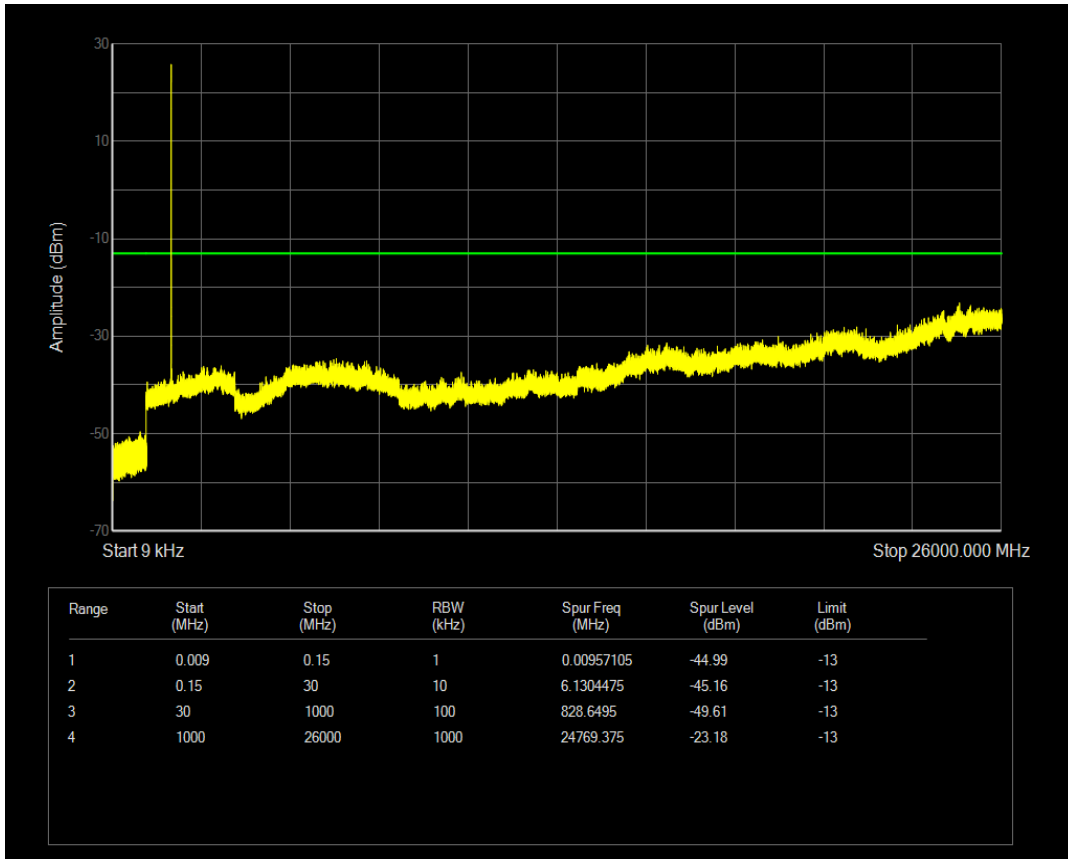
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



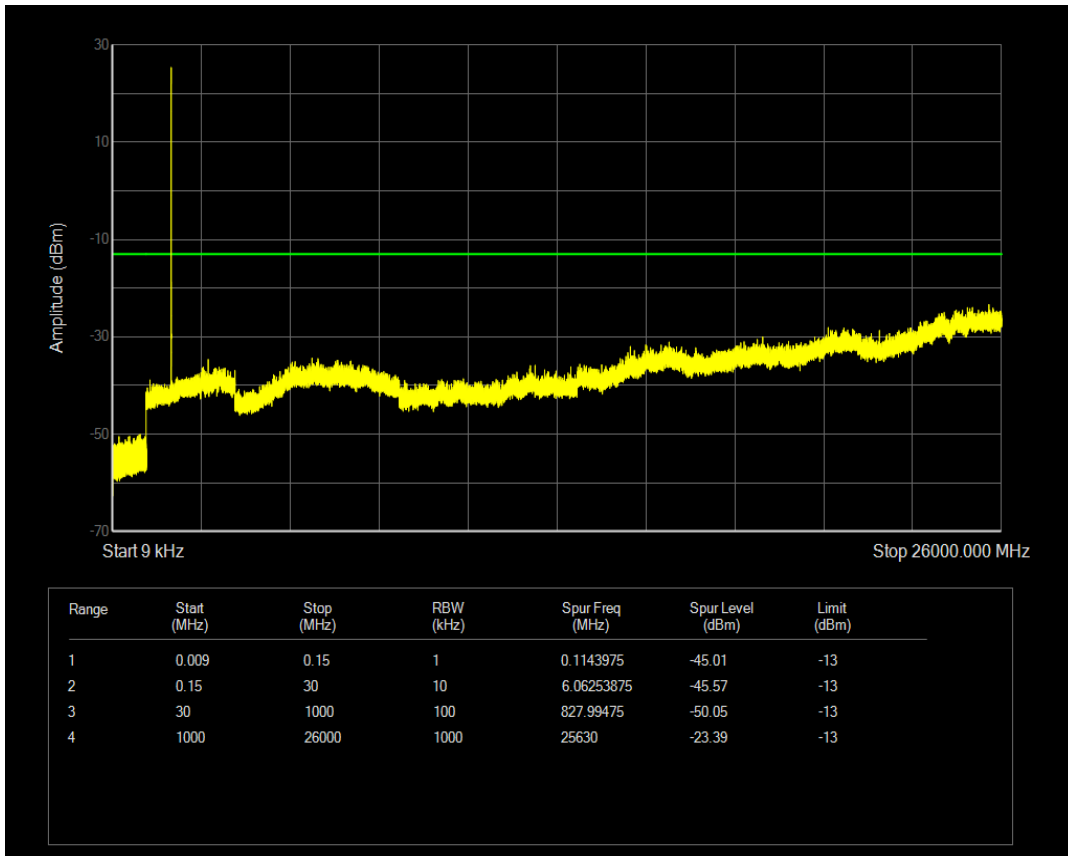
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



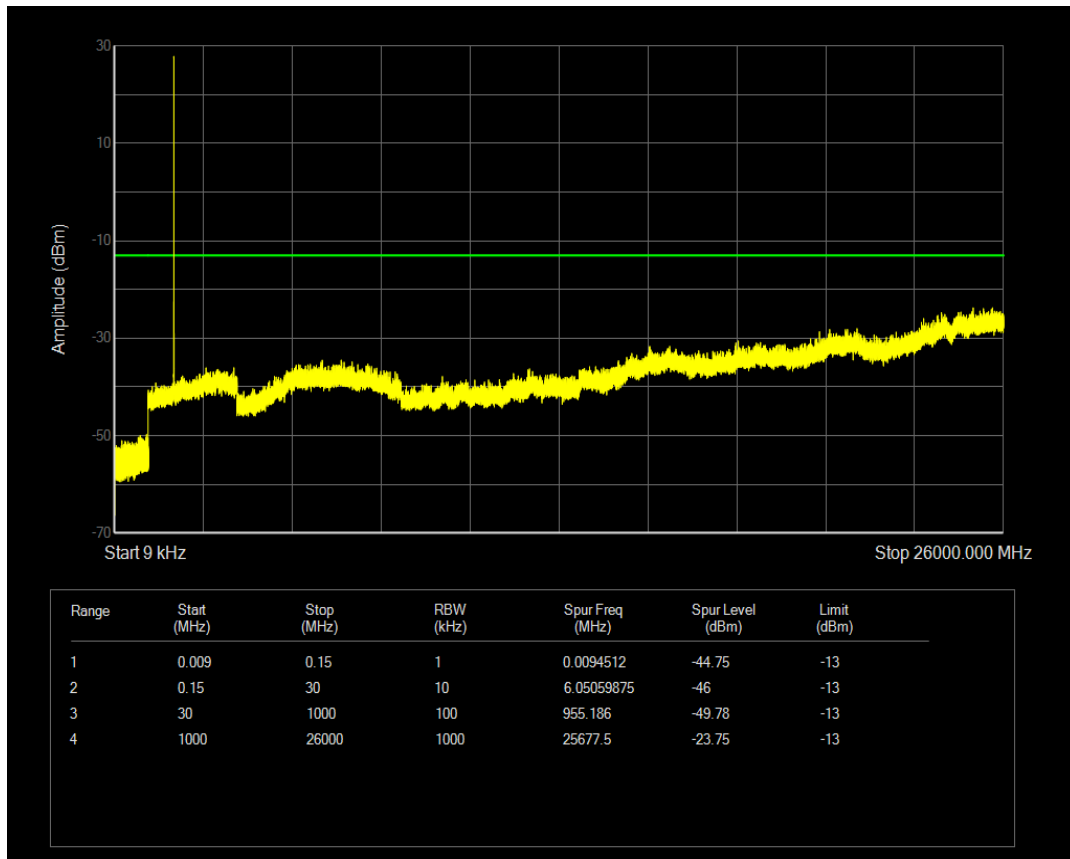
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



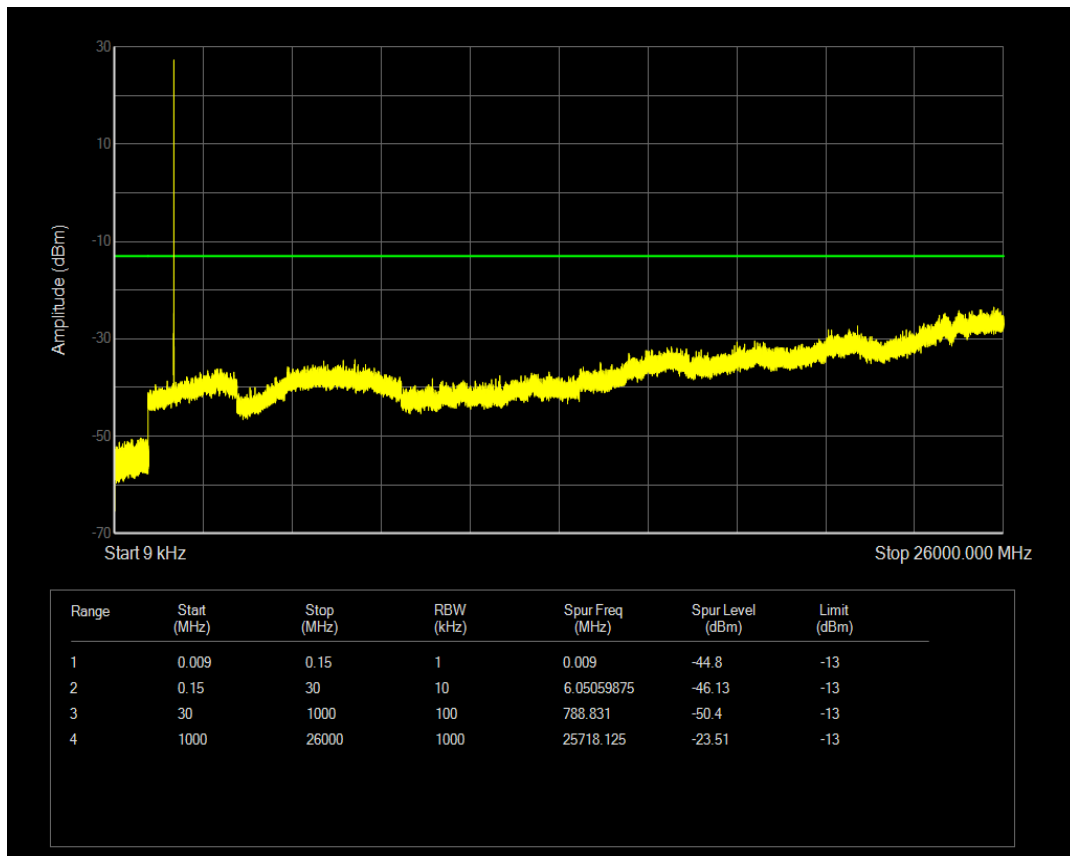
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



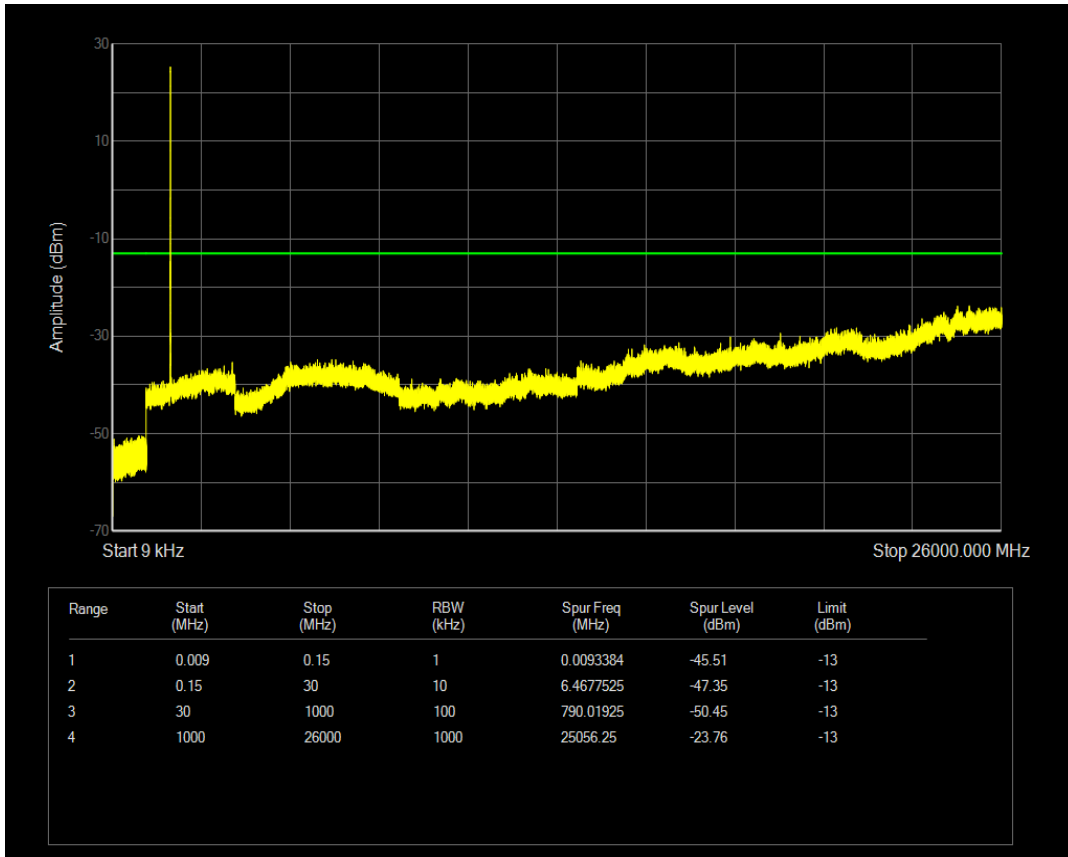
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



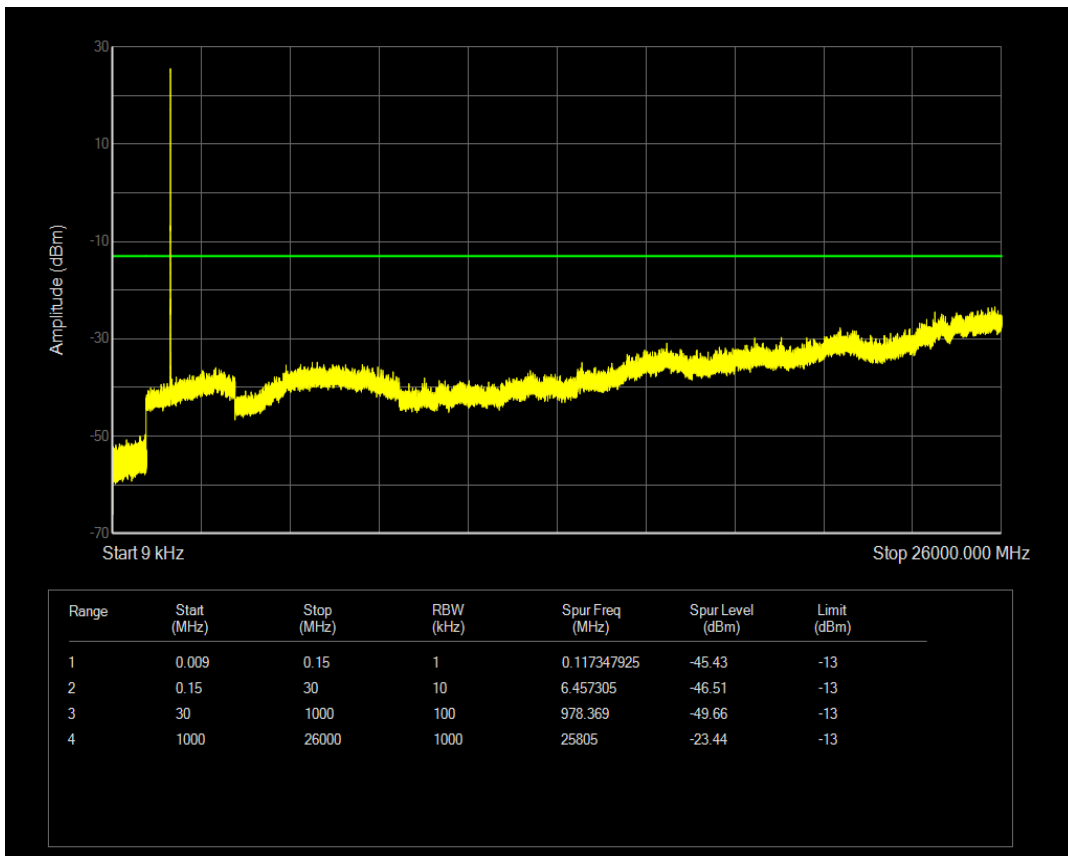
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



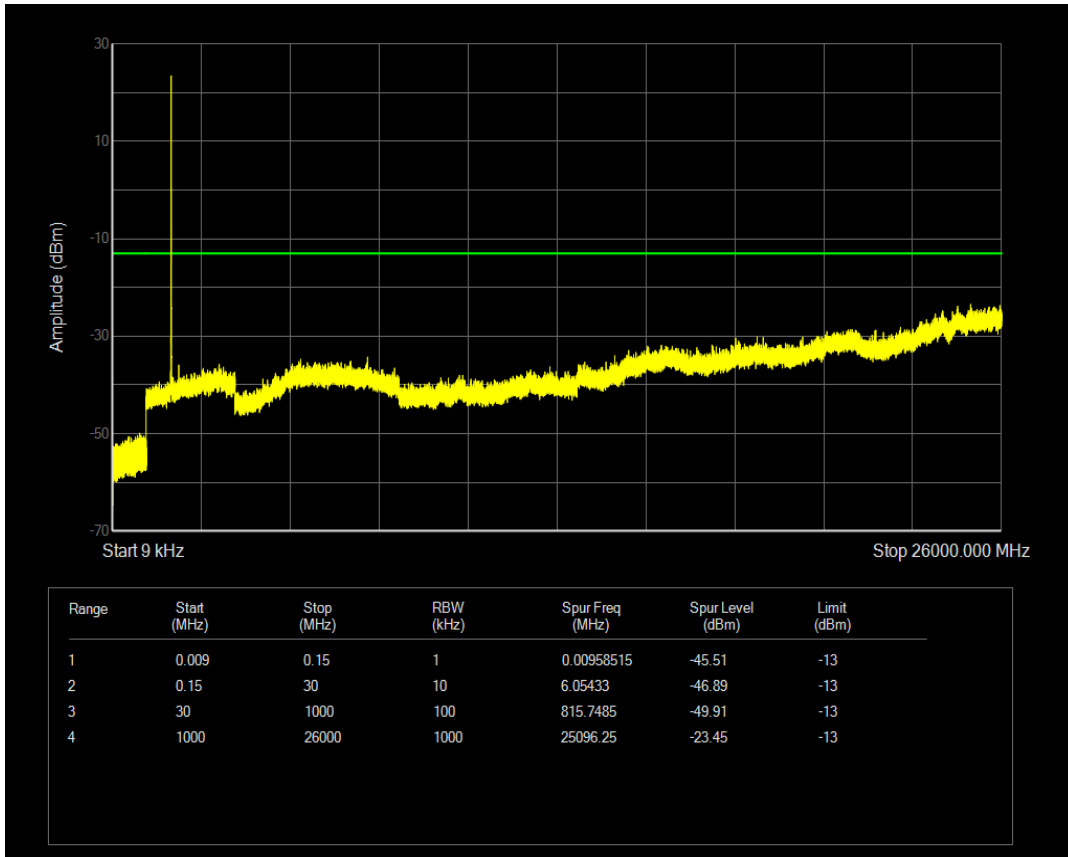
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



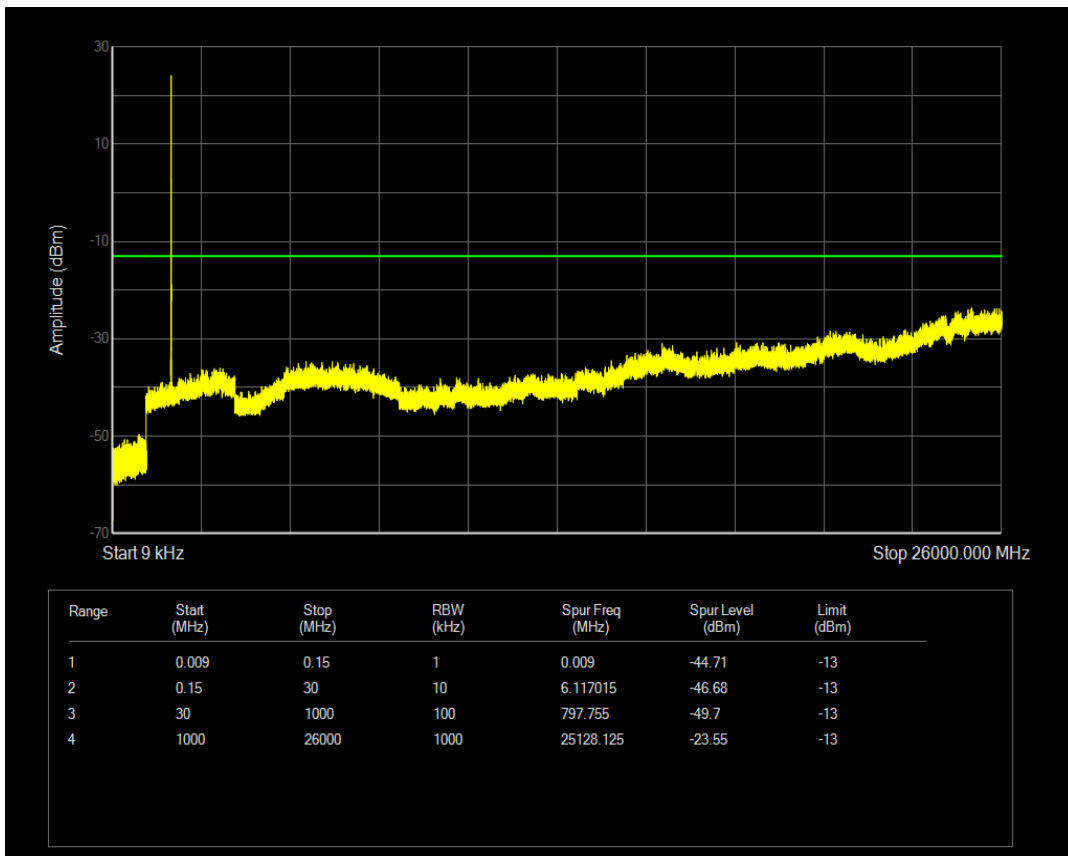
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



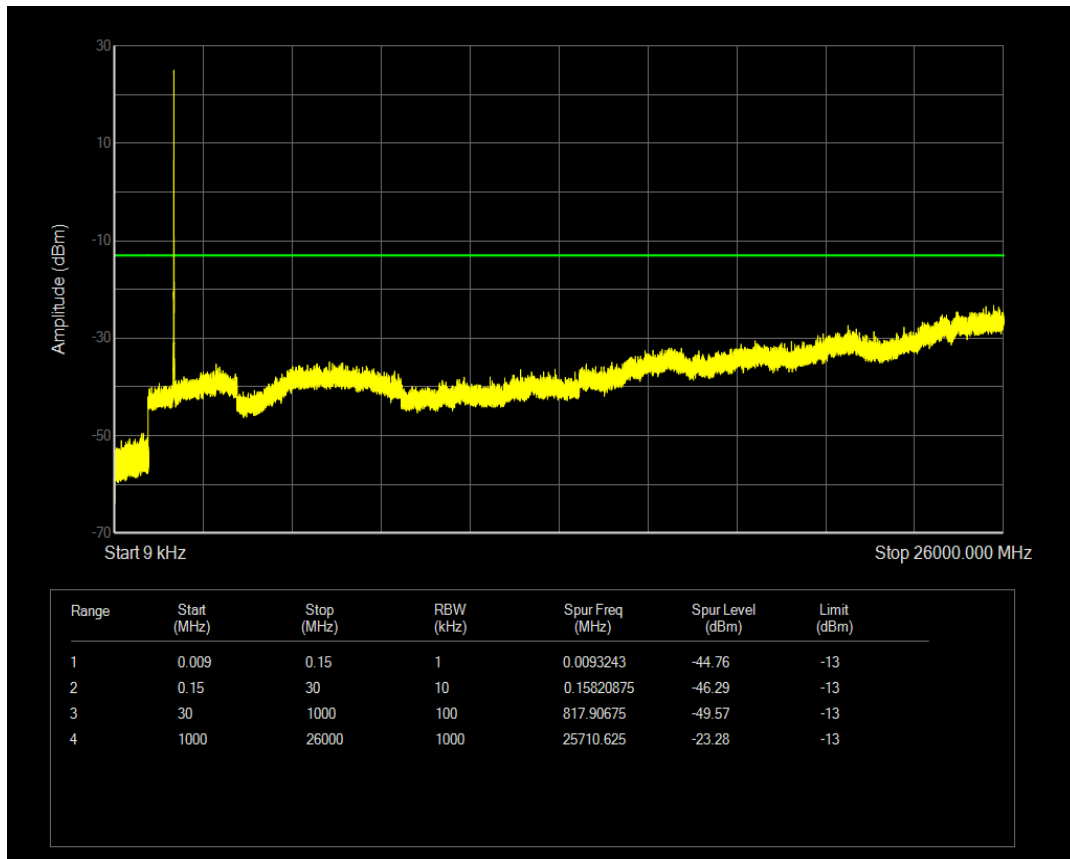
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



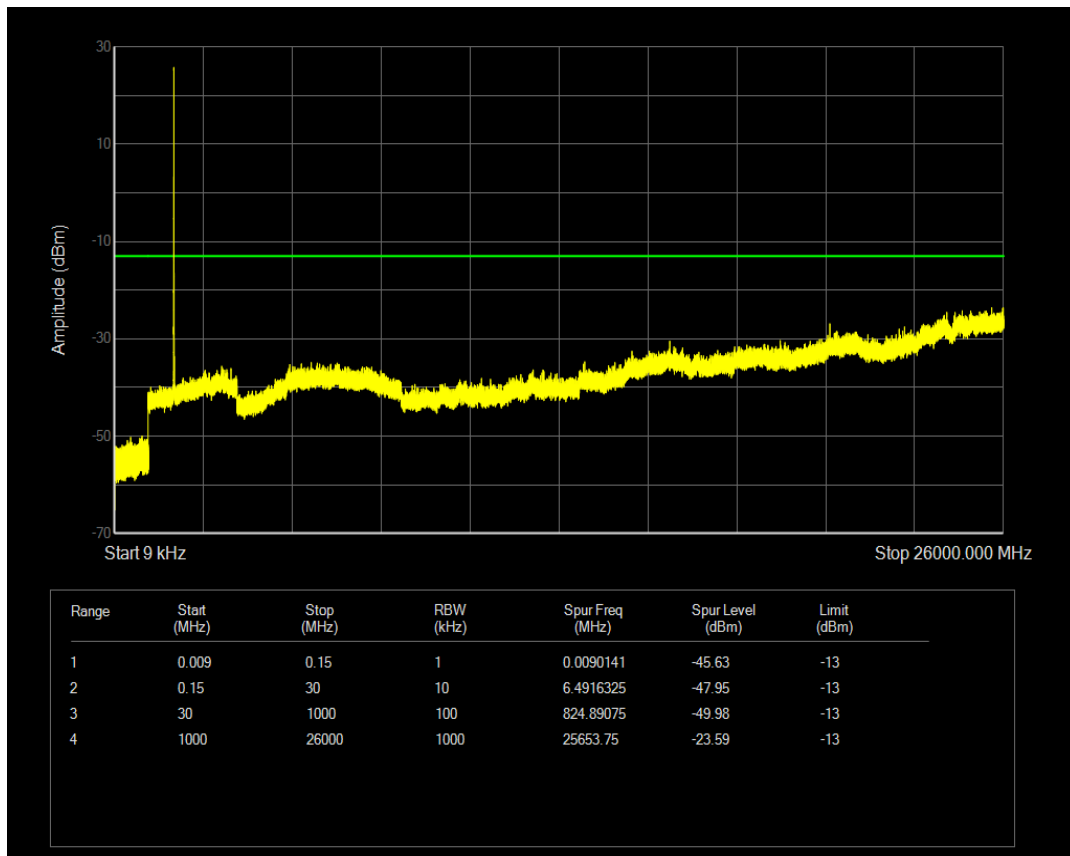
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



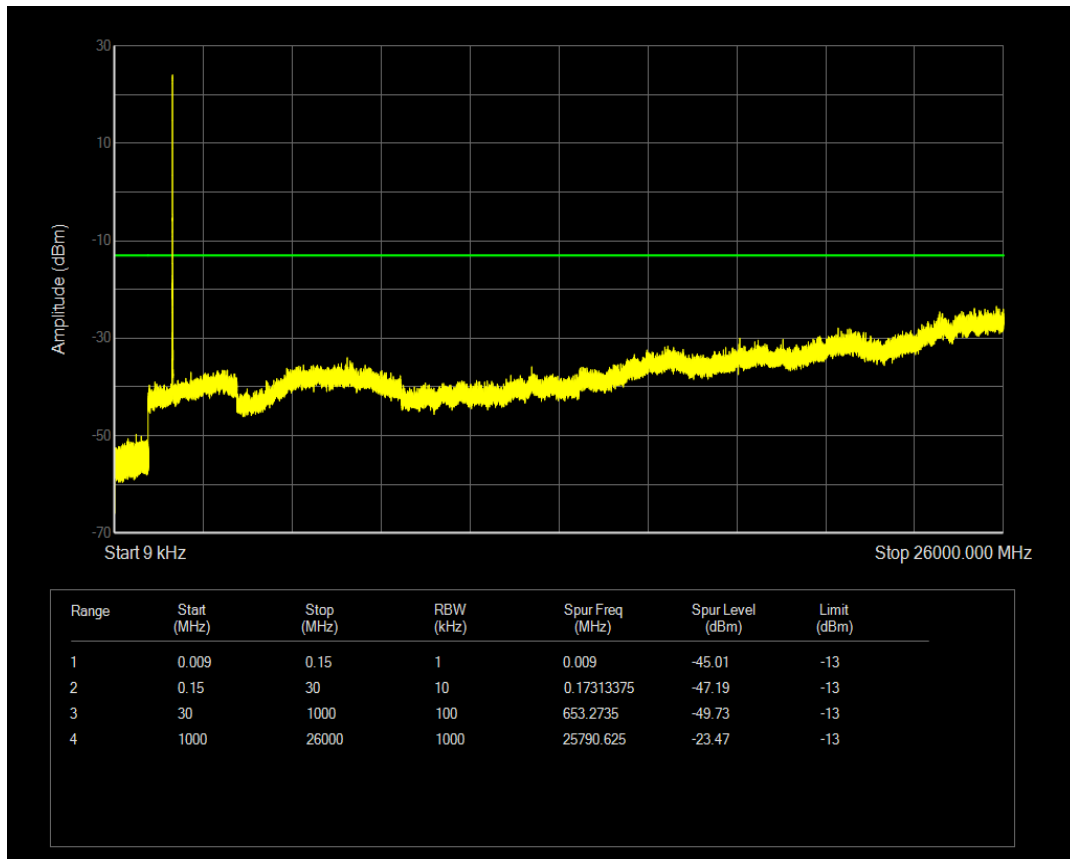
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



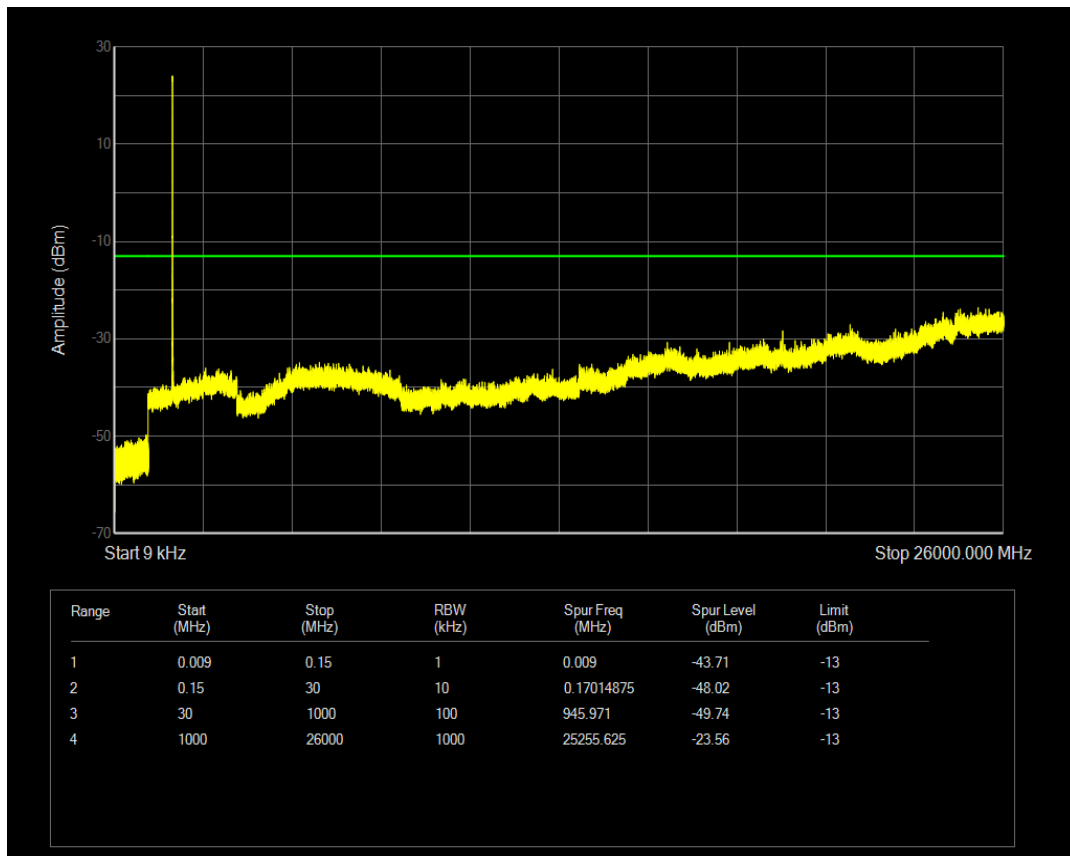
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



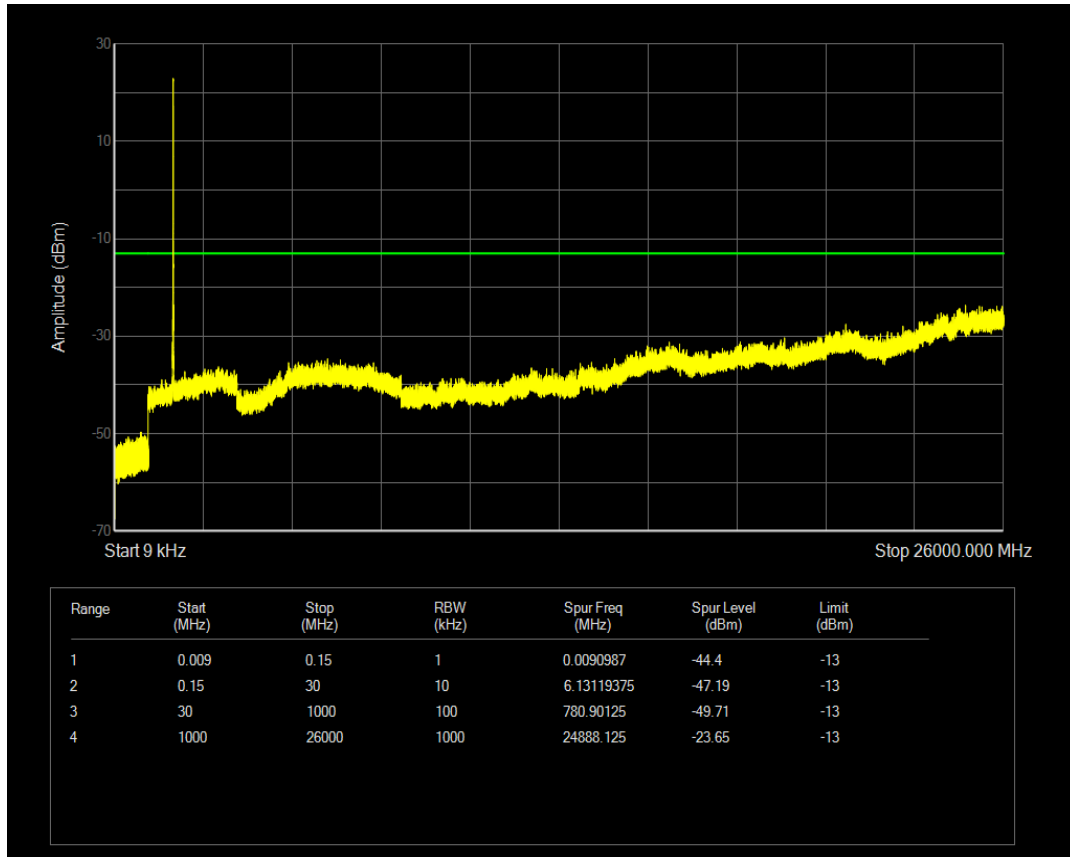
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



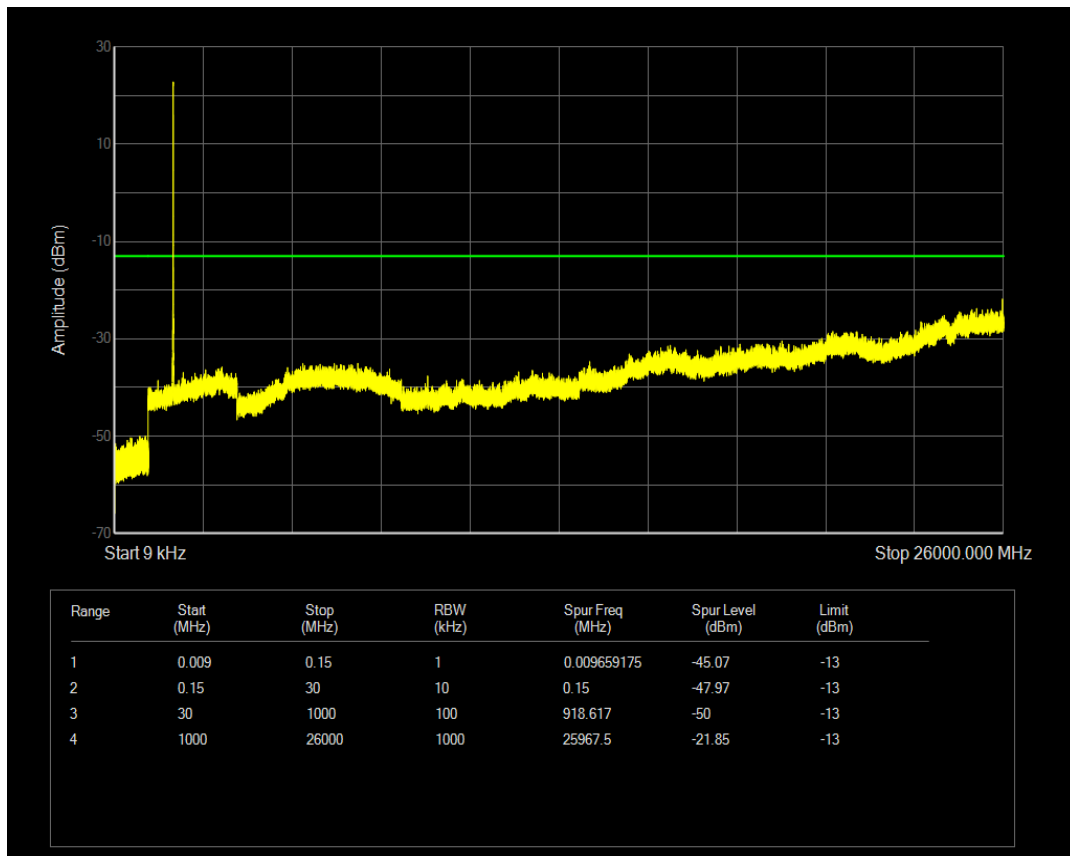
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



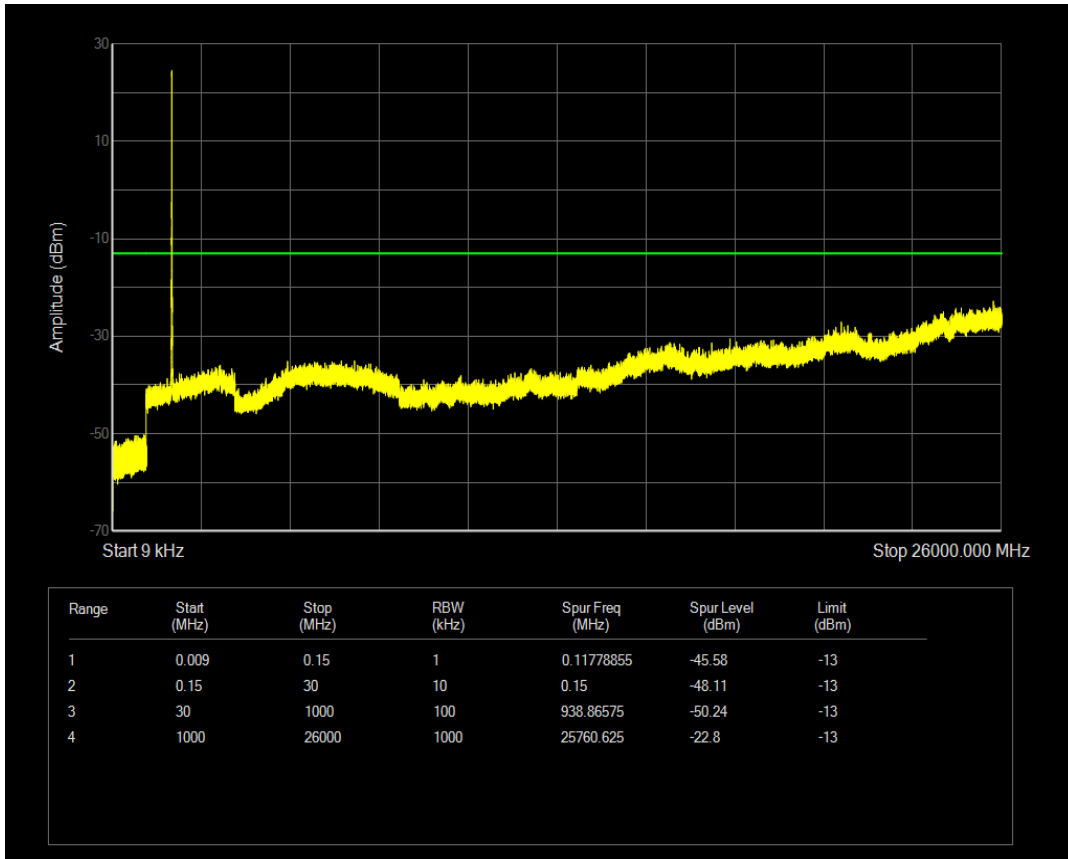
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



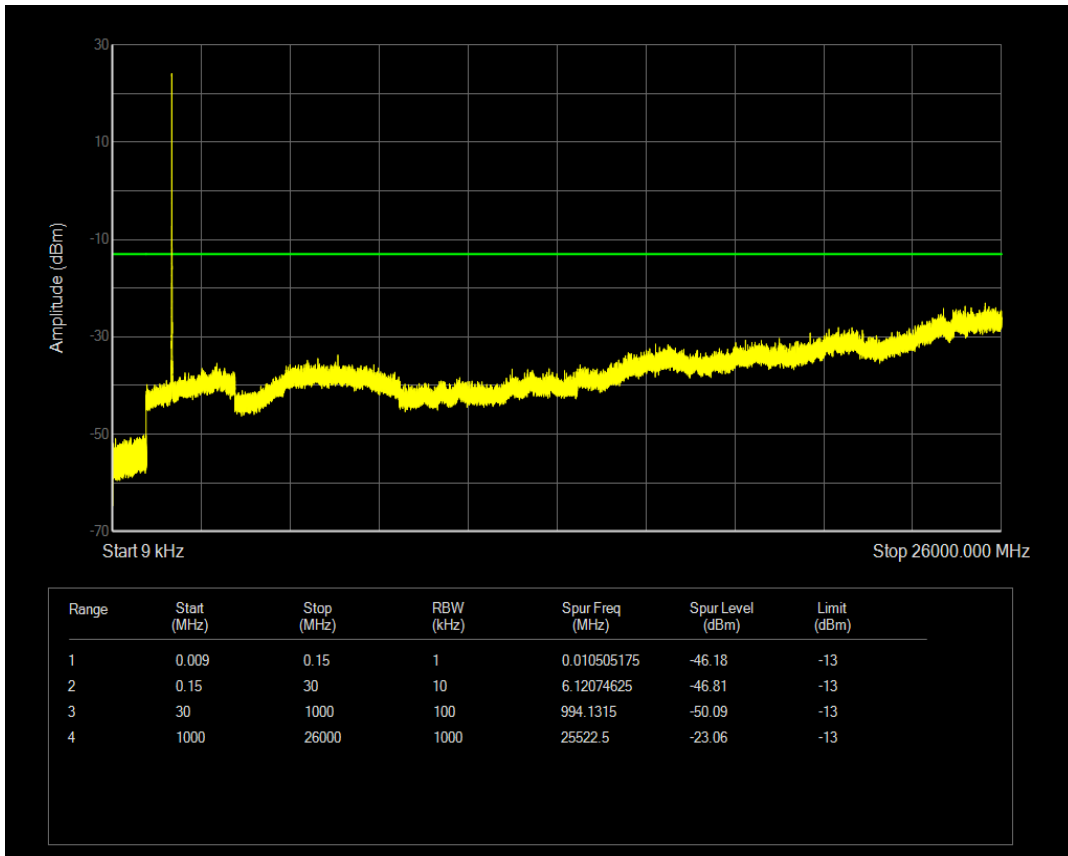
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



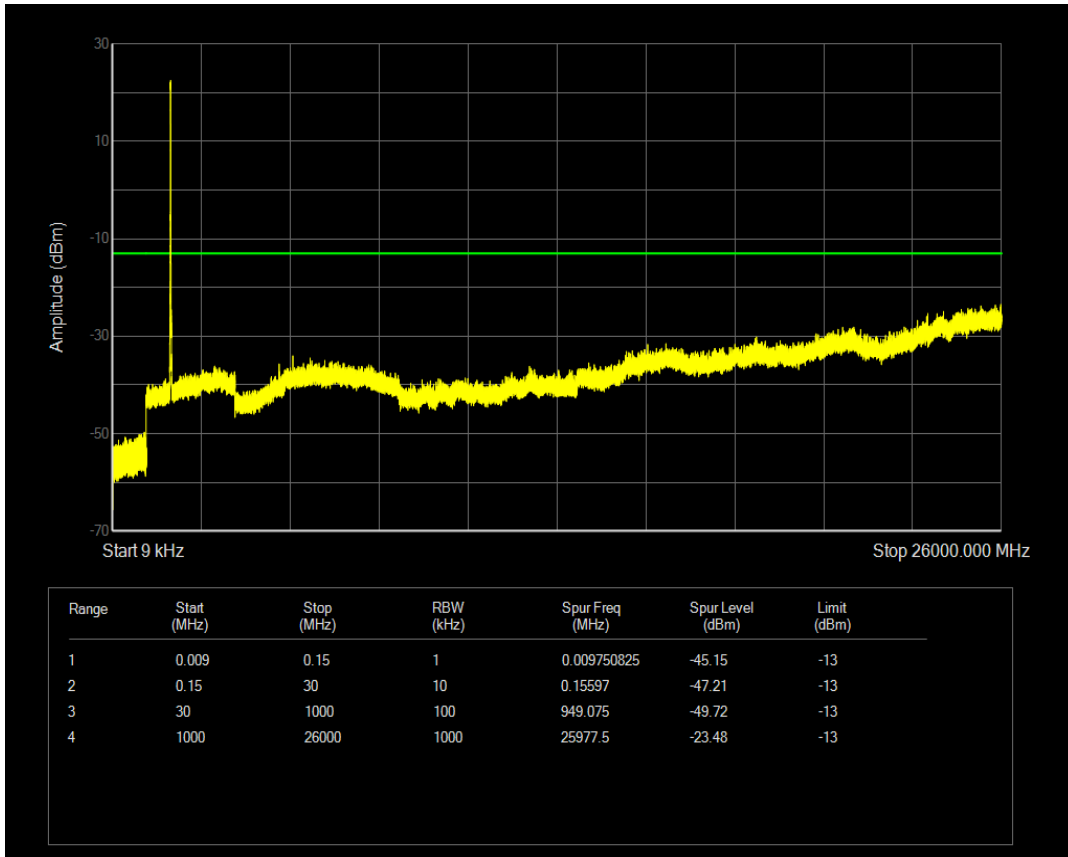
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



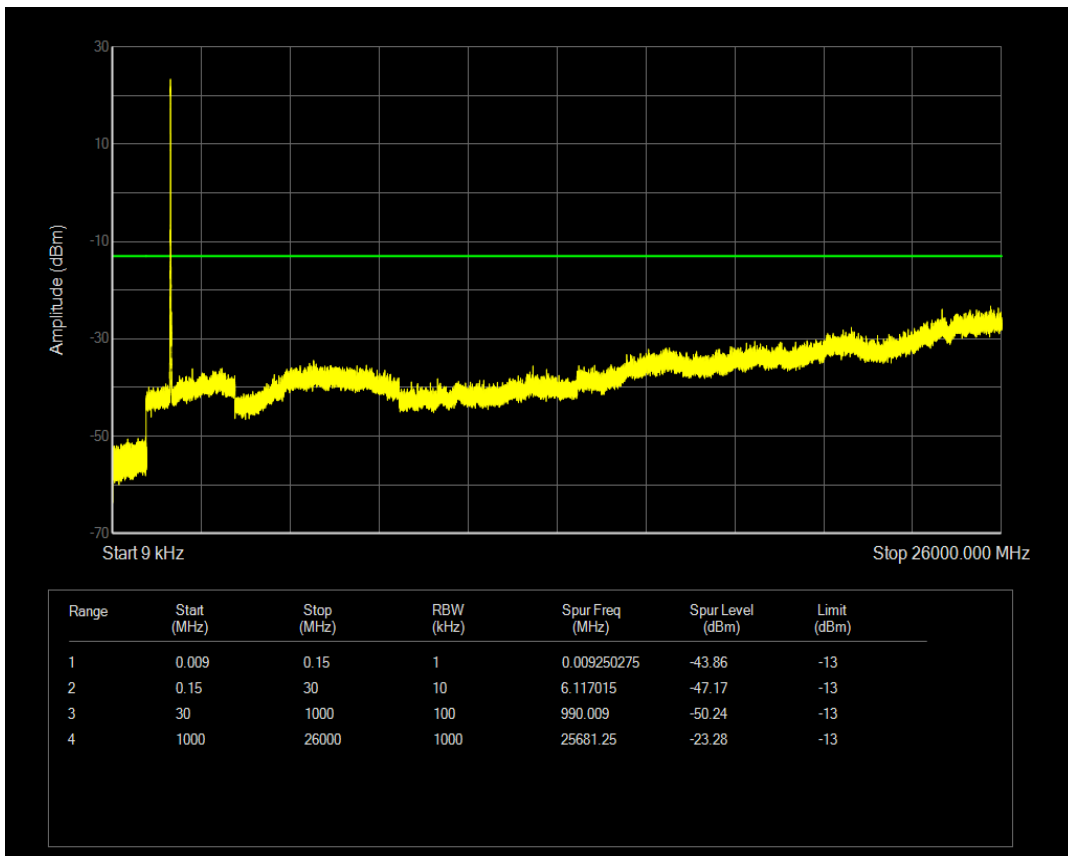
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



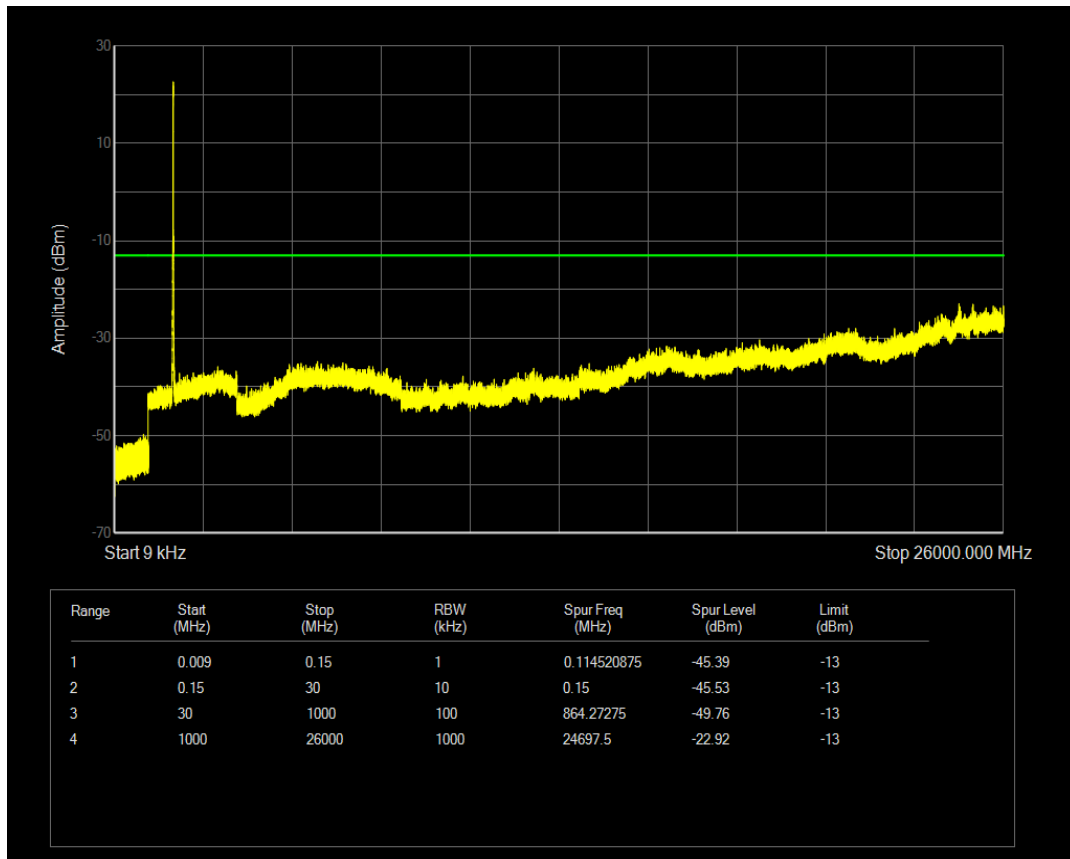
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



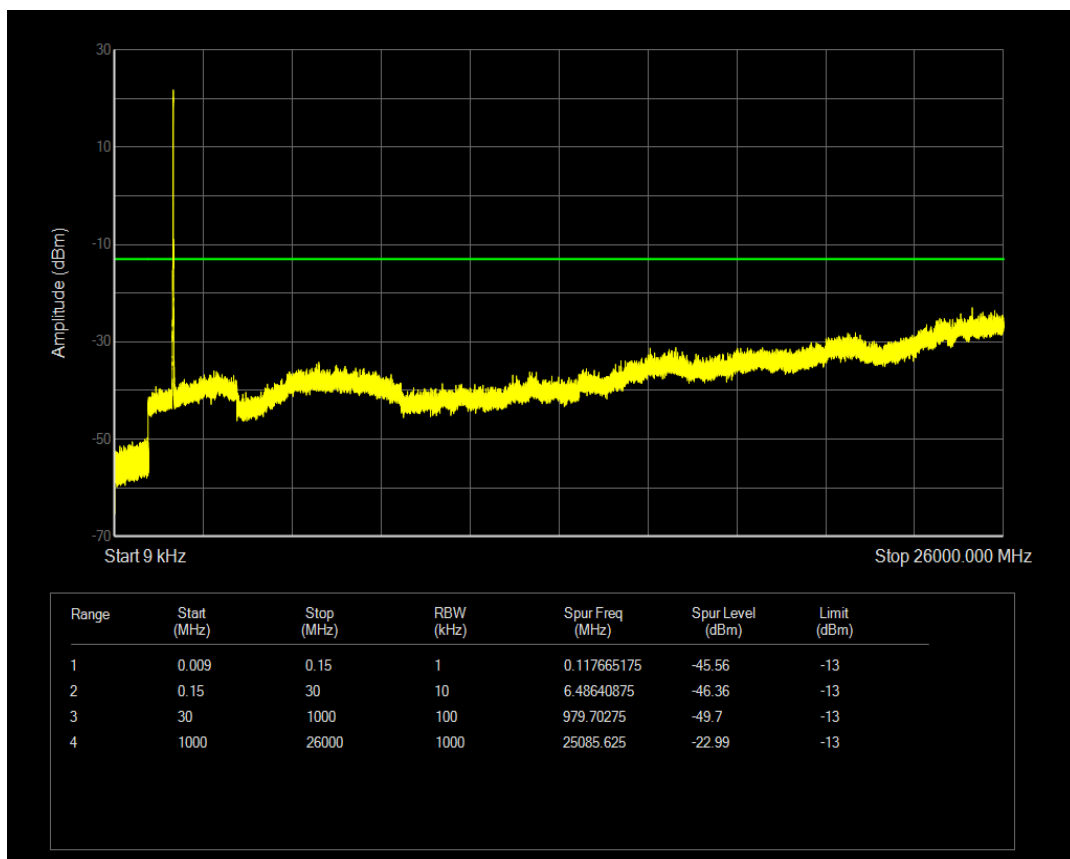
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



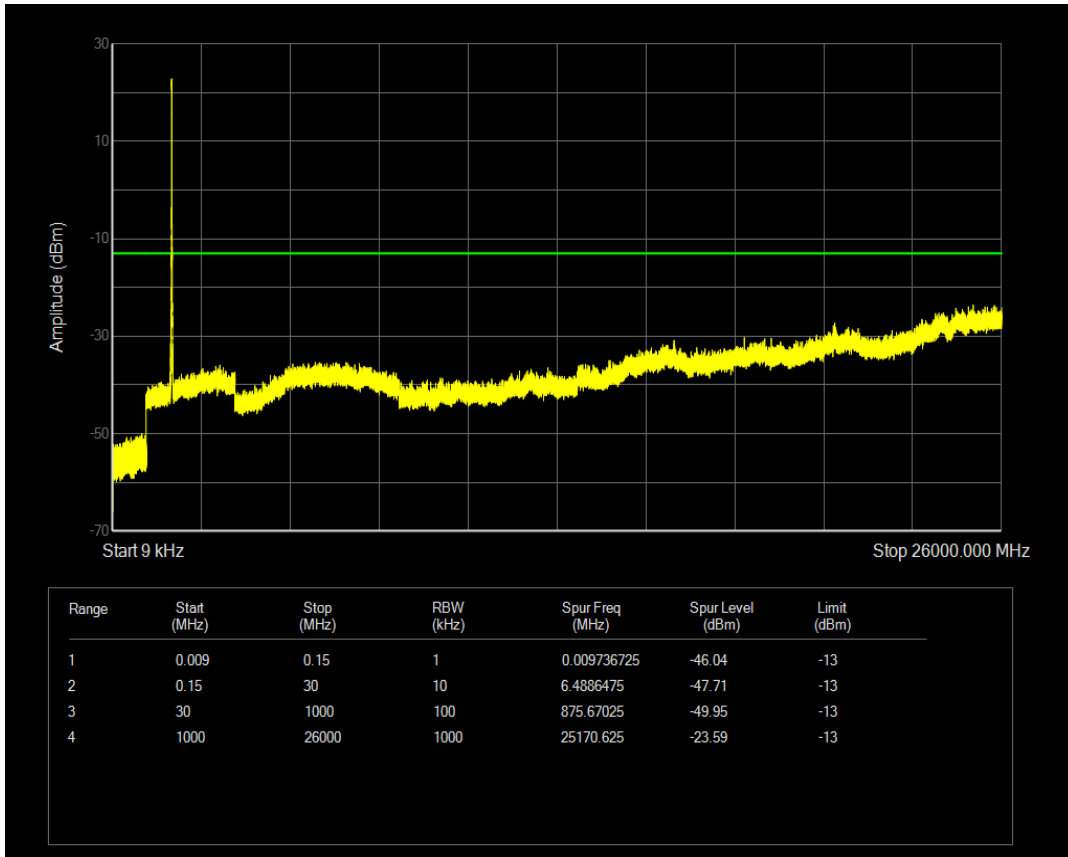
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



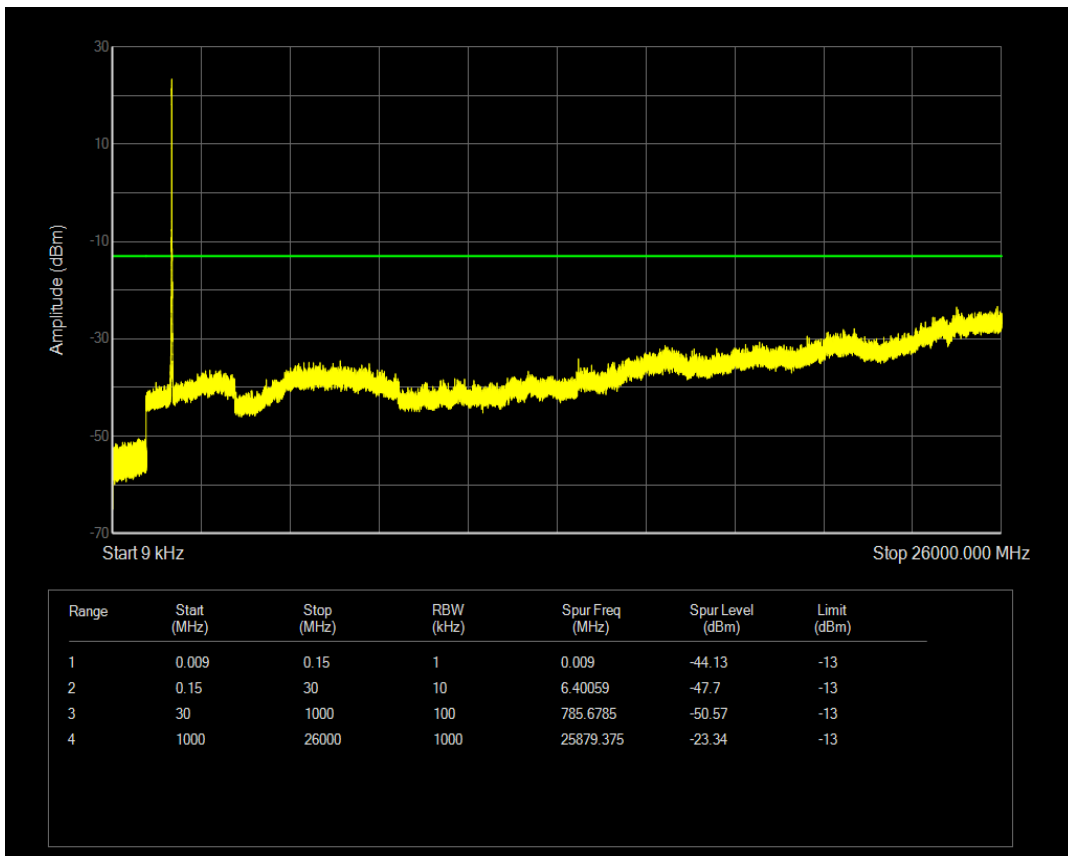
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



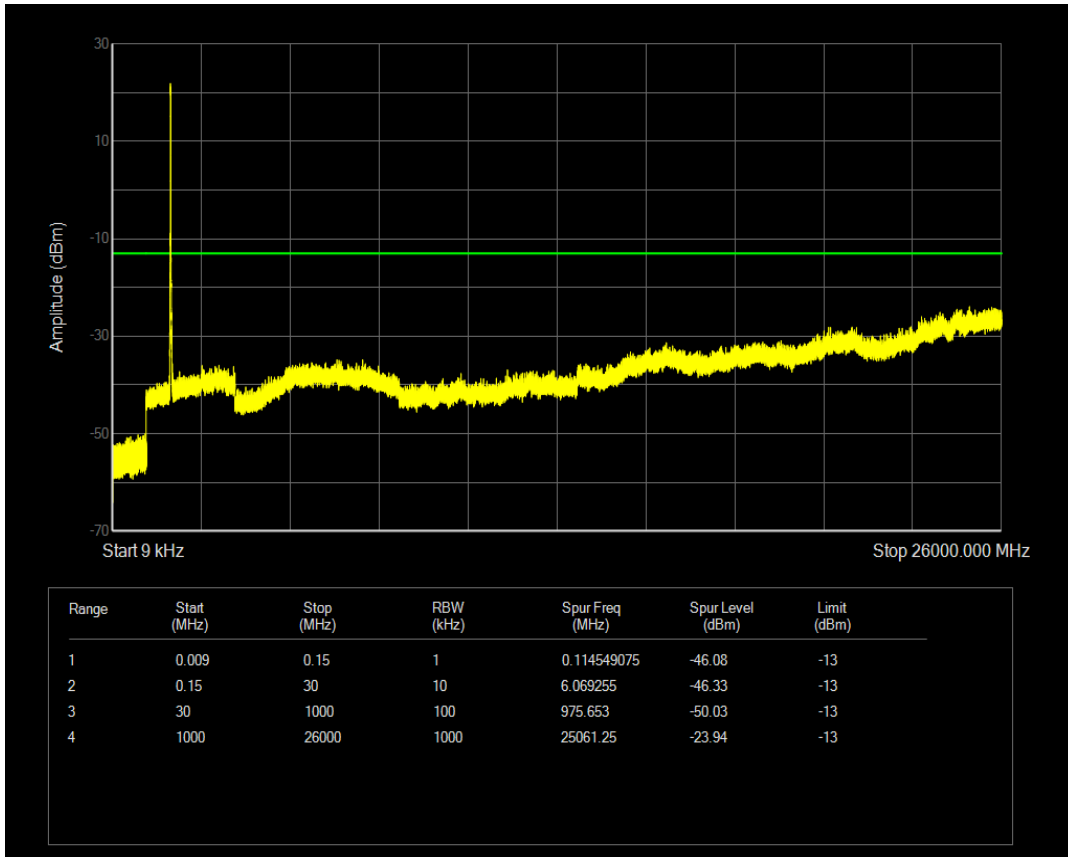
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



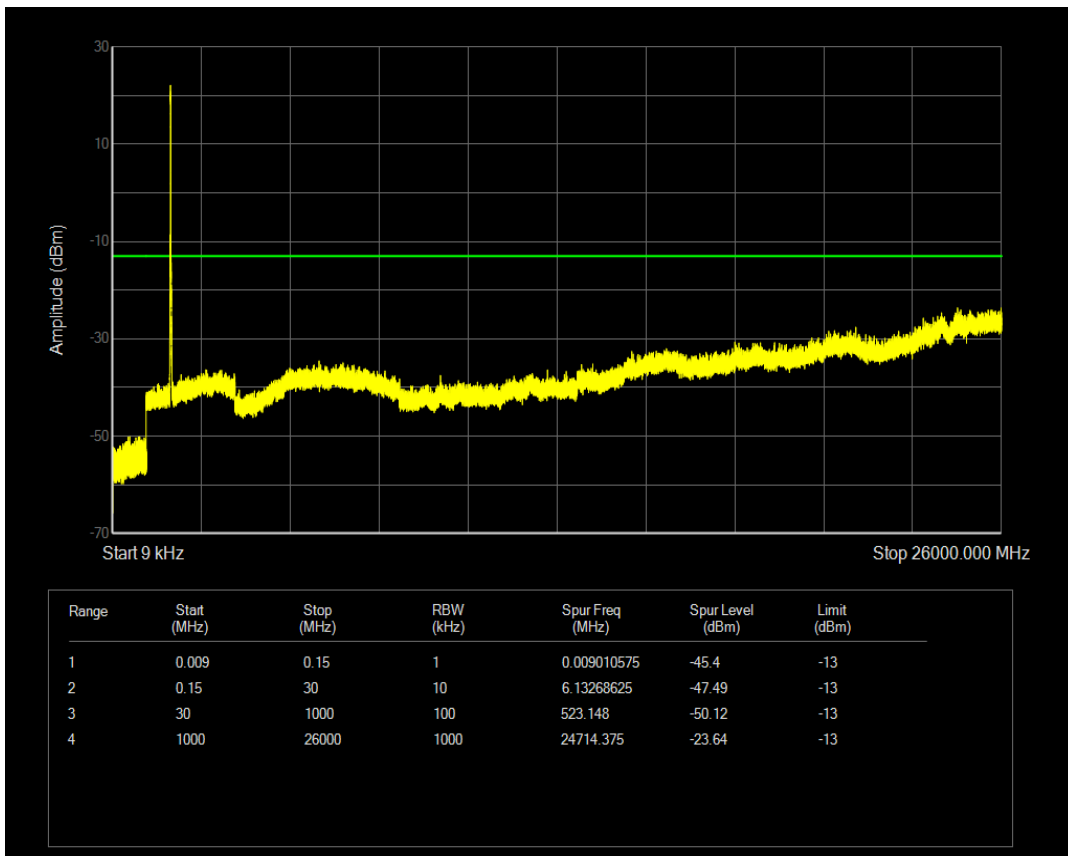
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



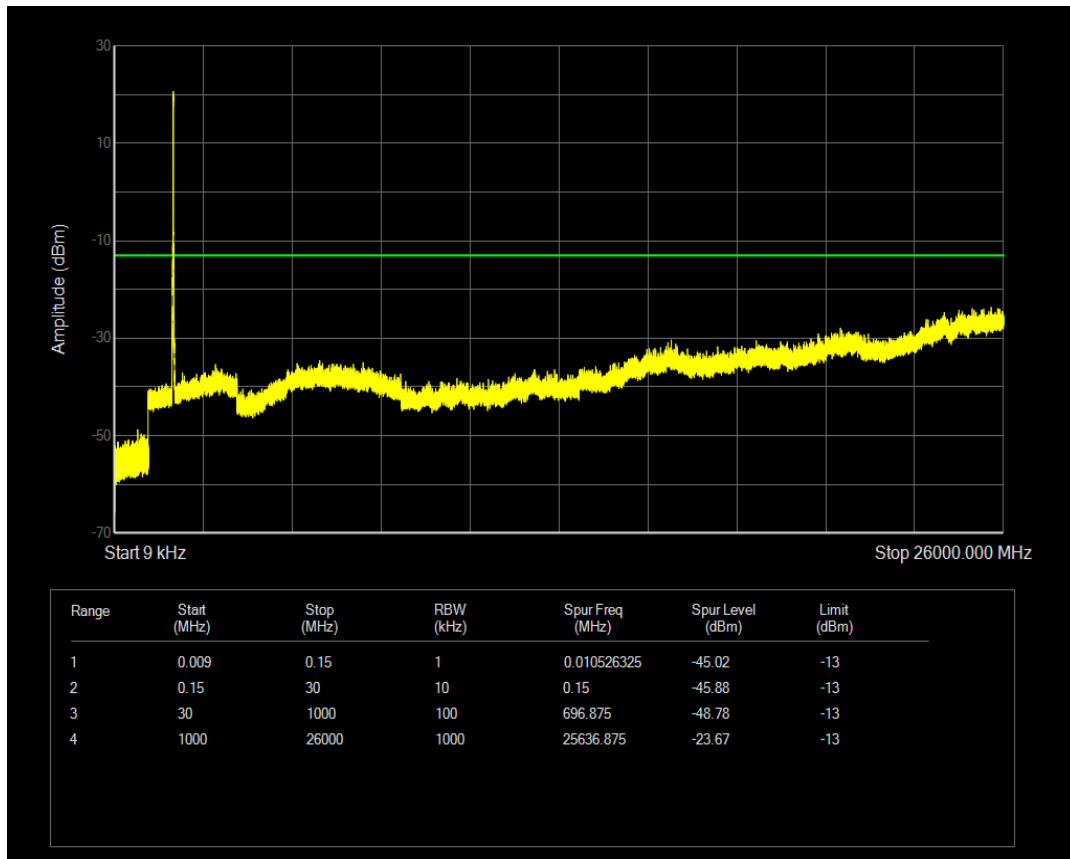
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



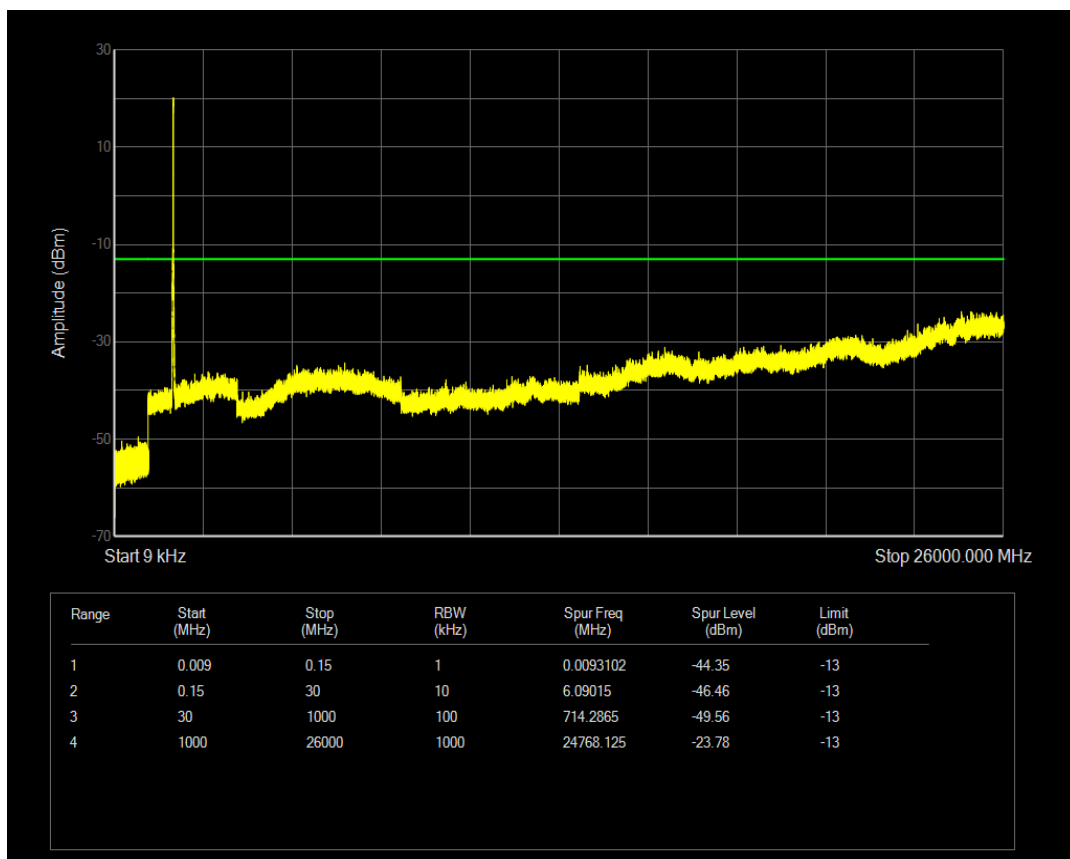
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



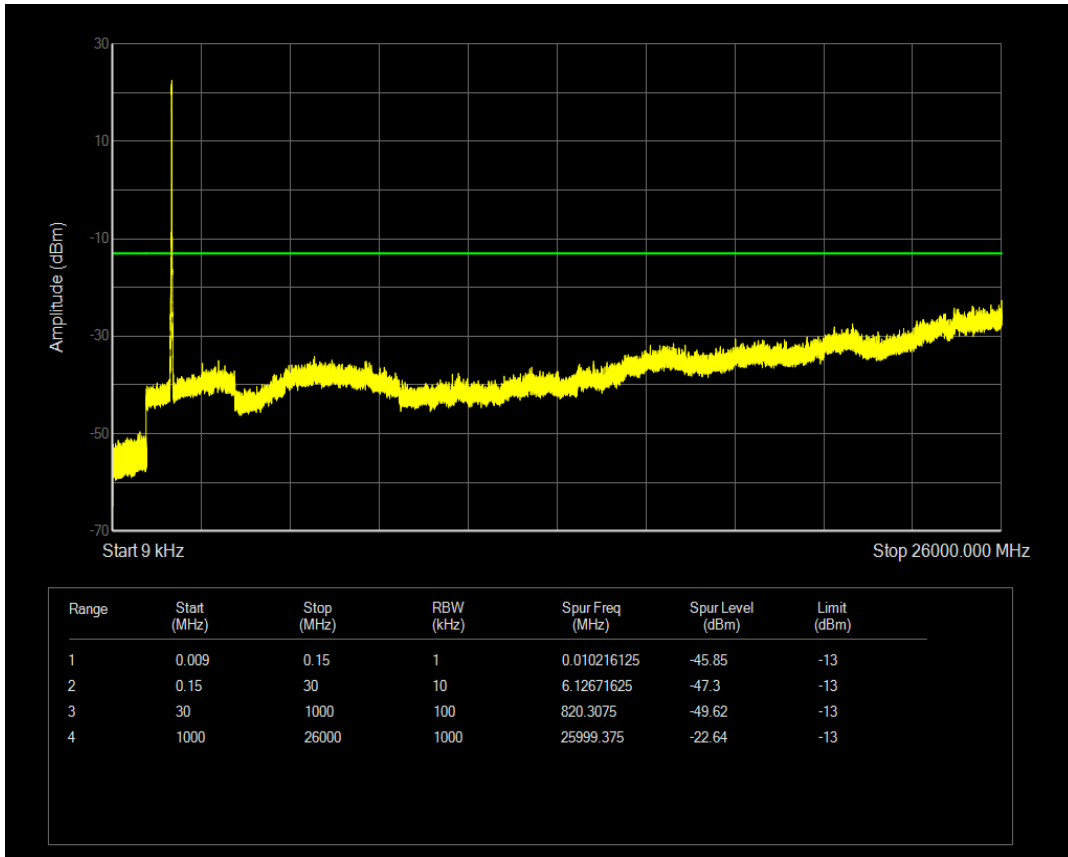
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



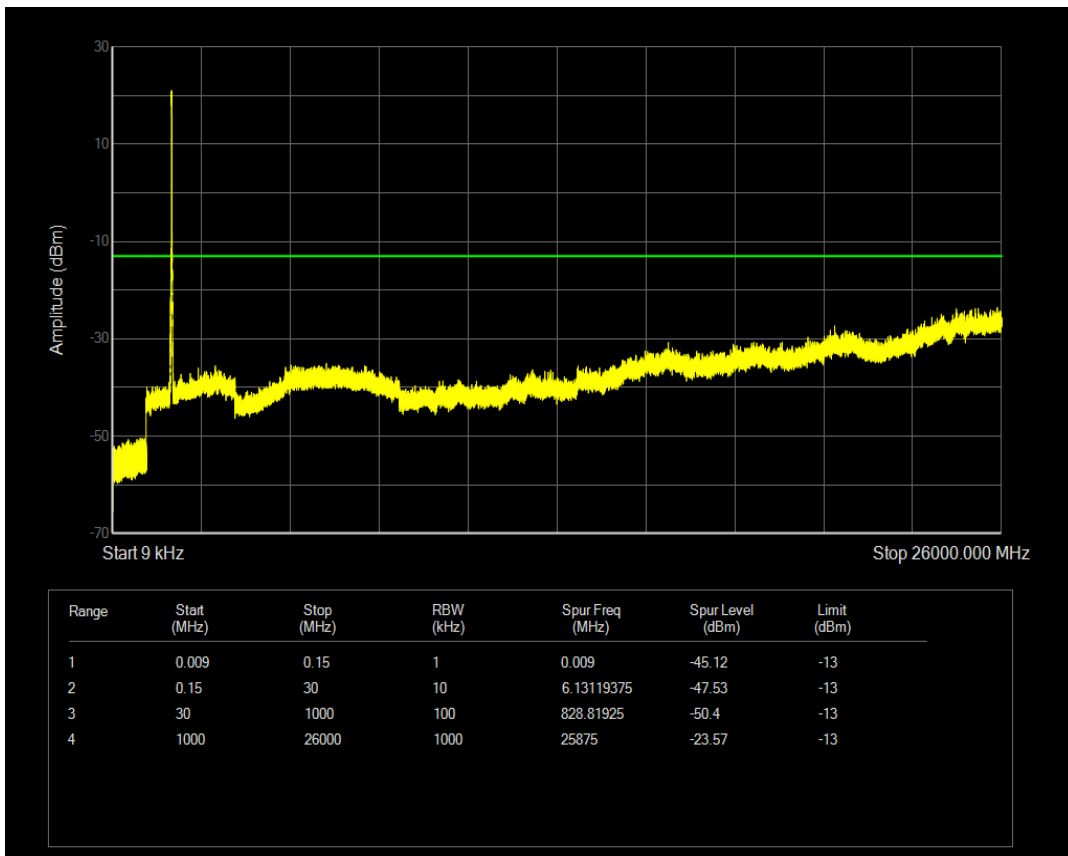
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



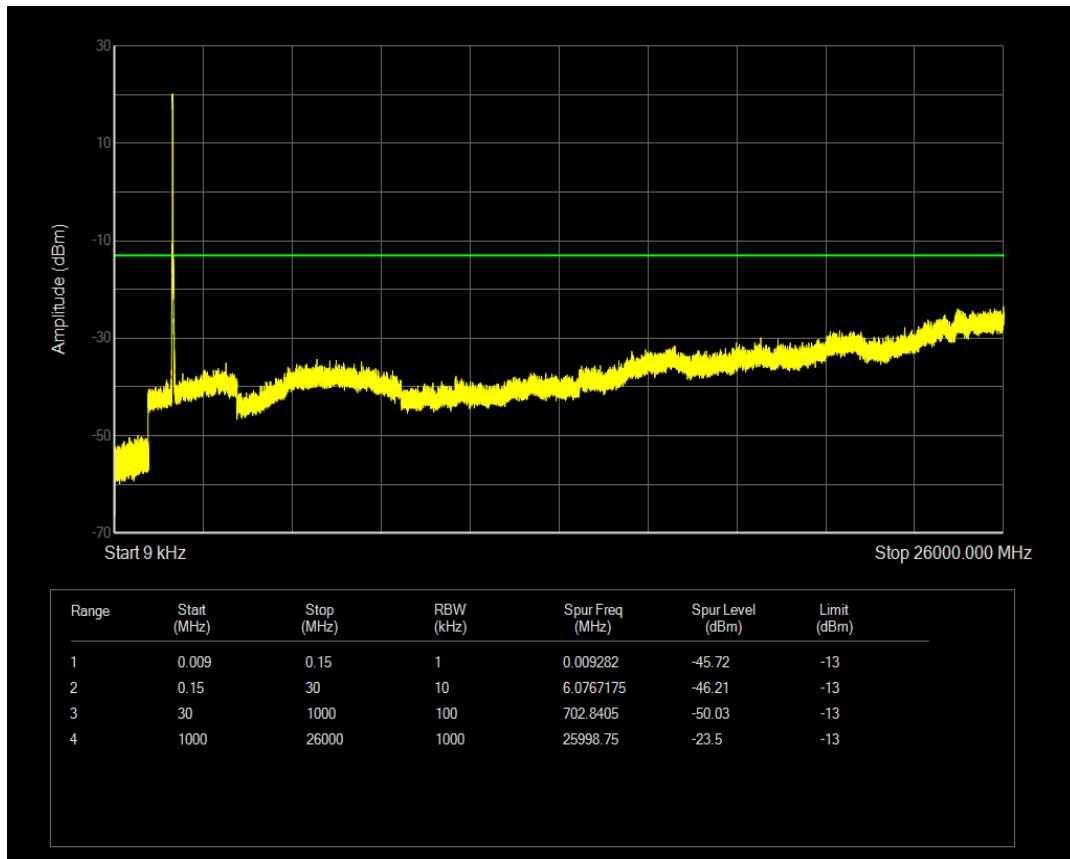
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



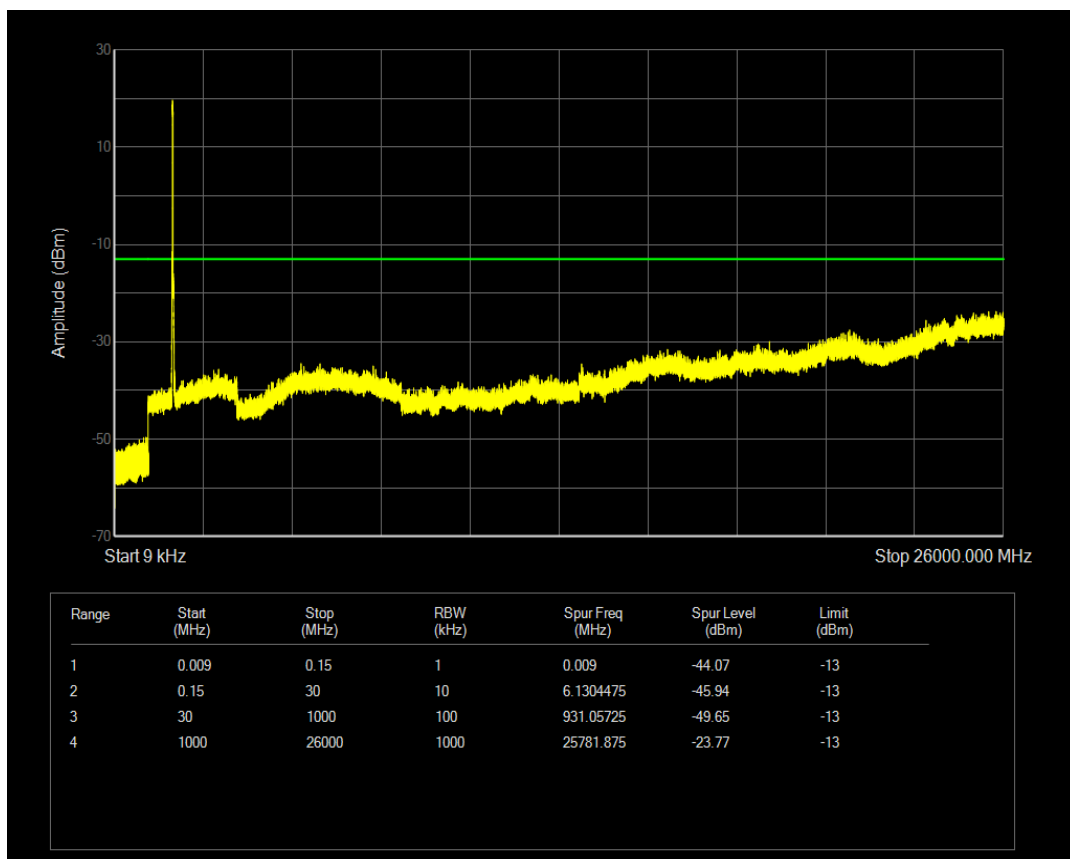
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



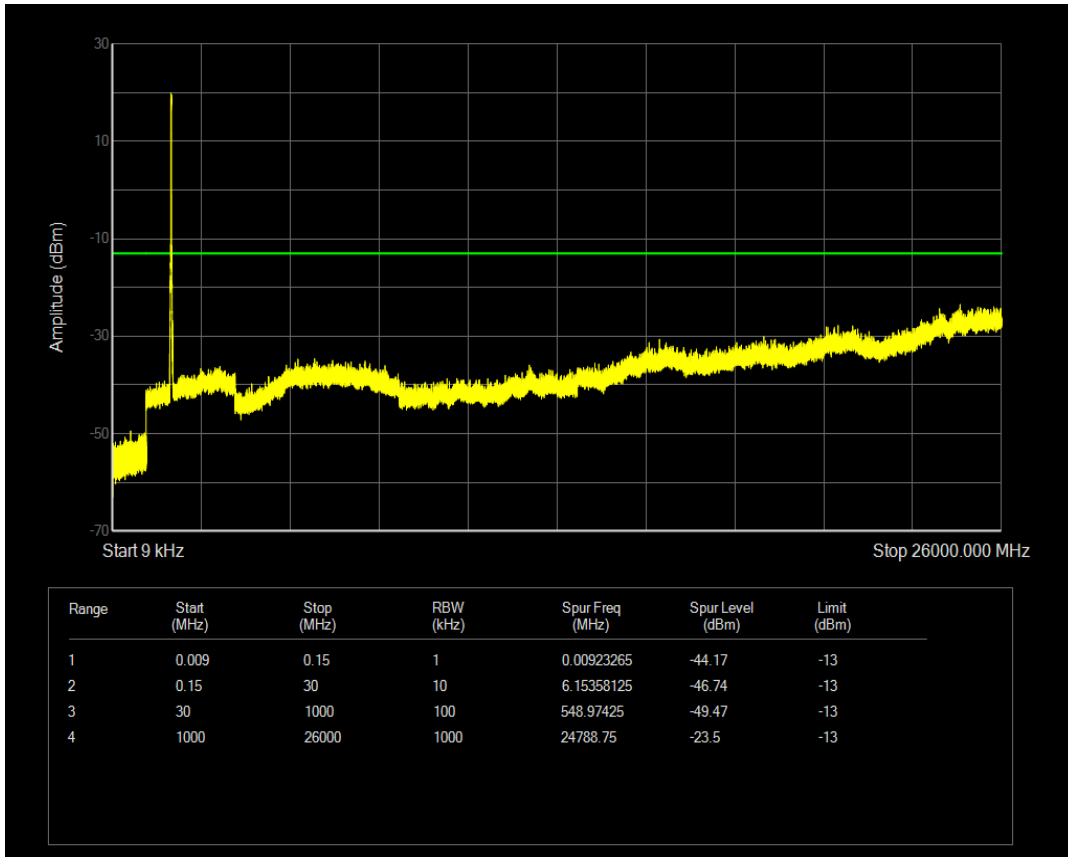
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



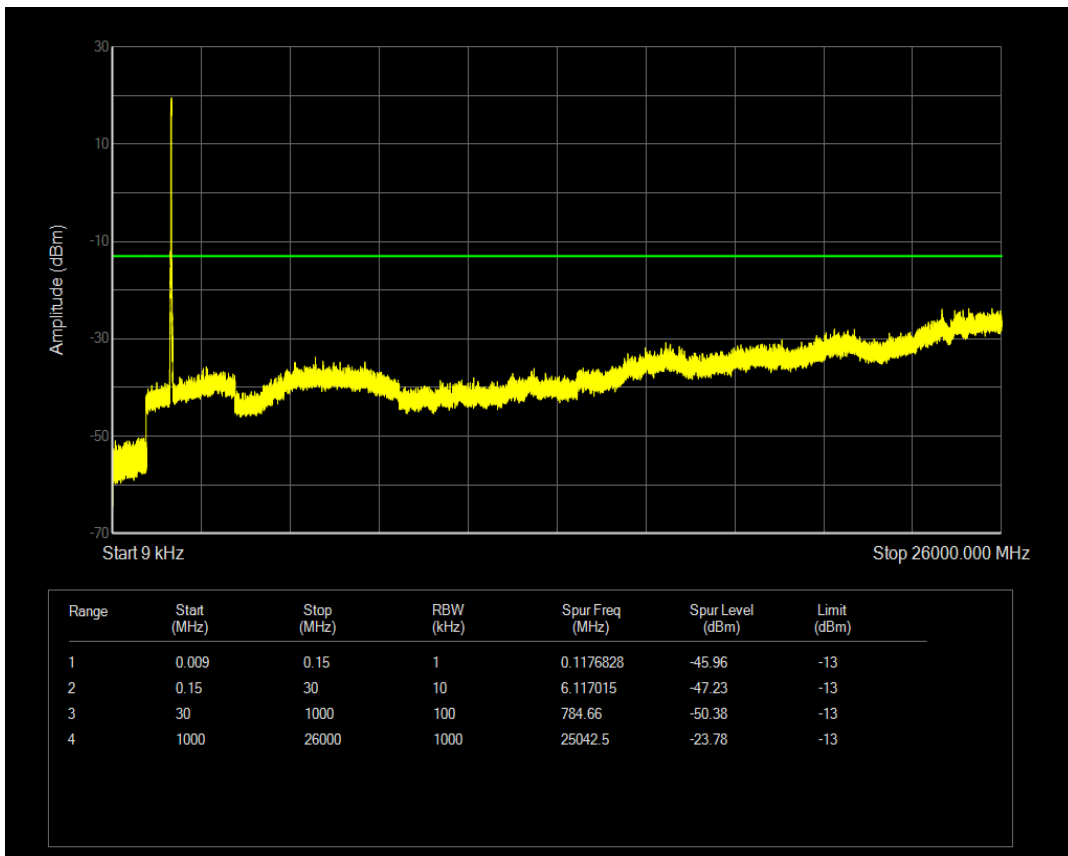
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



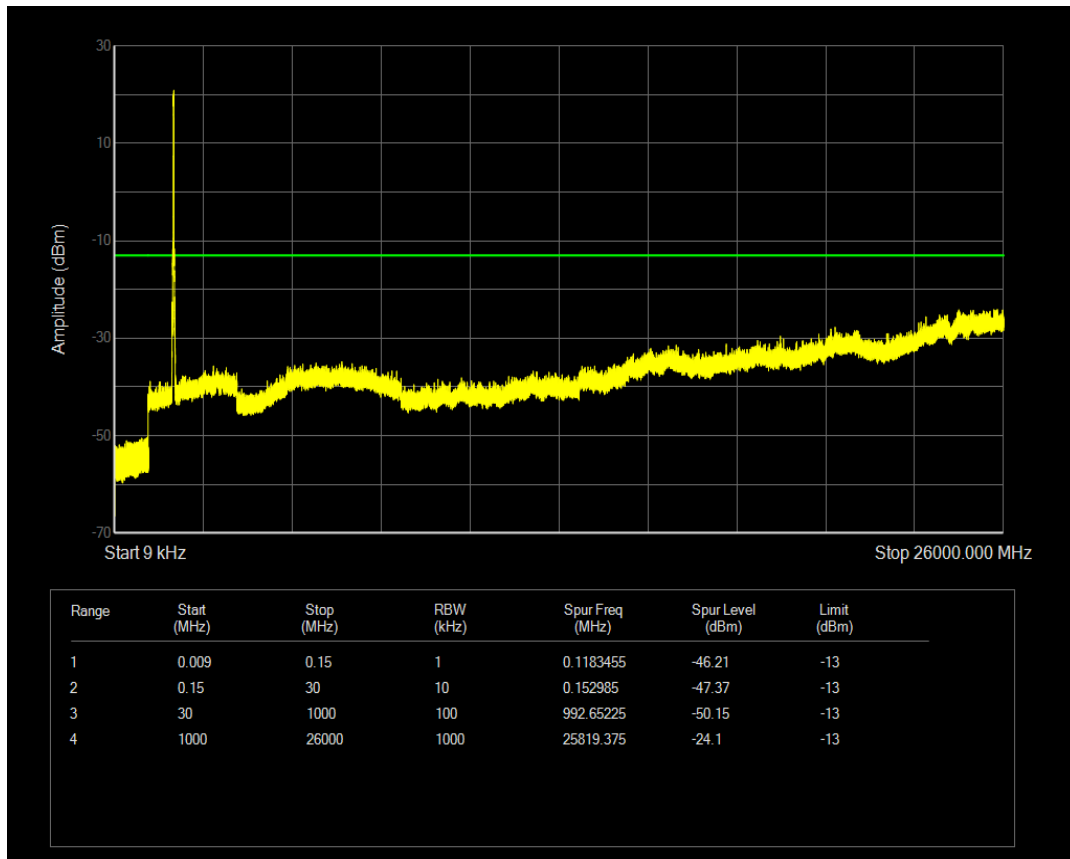
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



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

