

Appendix for Band 4

Report No.: BCTC2408023427-6E

Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY
CO.,LTD

Product Name: Smart Phone

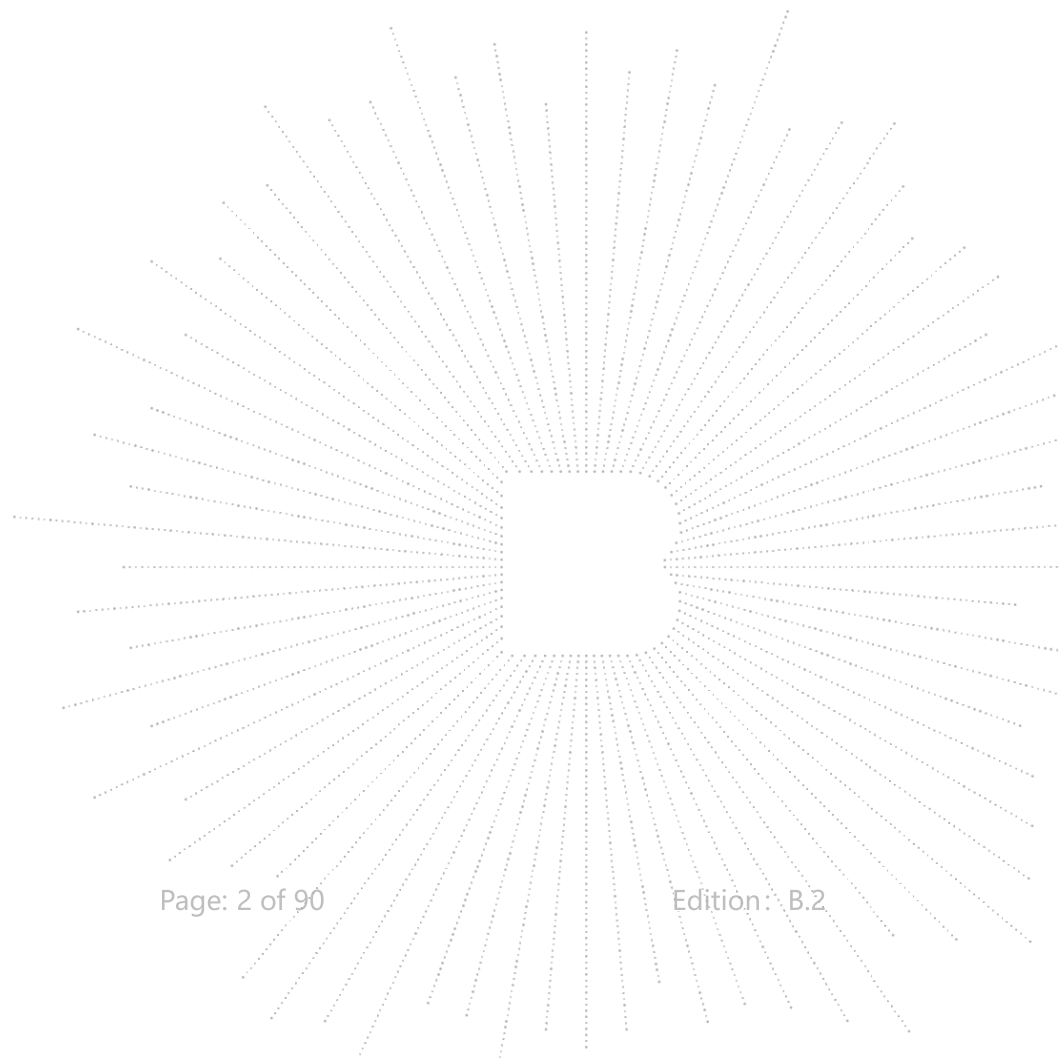
Test Model: P1

Tested Date: 2024-08-27 to 2024-09-27

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	22.92	-0.38	22.54	PASS
Band4	1.4	19957	1	#Mid	QPSK	22.91	-0.38	22.53	PASS
Band4	1.4	19957	1	#Max	QPSK	22.84	-0.38	22.46	PASS
Band4	1.4	19957	3	#0	QPSK	22.79	-0.38	22.41	PASS
Band4	1.4	19957	3	#Mid	QPSK	22.84	-0.38	22.46	PASS
Band4	1.4	19957	3	#Max	QPSK	22.80	-0.38	22.42	PASS
Band4	1.4	19957	6	#0	QPSK	21.87	-0.38	21.49	PASS
Band4	1.4	19957	1	#0	16QAM	21.82	-0.38	21.44	PASS
Band4	1.4	19957	1	#Mid	16QAM	21.89	-0.38	21.51	PASS
Band4	1.4	19957	1	#Max	16QAM	21.82	-0.38	21.44	PASS
Band4	1.4	19957	3	#0	16QAM	21.98	-0.38	21.60	PASS
Band4	1.4	19957	3	#Mid	16QAM	22.01	-0.38	21.63	PASS
Band4	1.4	19957	3	#Max	16QAM	21.93	-0.38	21.55	PASS
Band4	1.4	19957	6	#0	16QAM	21.04	-0.38	20.66	PASS
Band4	1.4	20175	1	#0	QPSK	22.56	-0.38	22.18	PASS
Band4	1.4	20175	1	#Mid	QPSK	22.64	-0.38	22.26	PASS
Band4	1.4	20175	1	#Max	QPSK	22.54	-0.38	22.16	PASS
Band4	1.4	20175	3	#0	QPSK	22.71	-0.38	22.33	PASS
Band4	1.4	20175	3	#Mid	QPSK	22.76	-0.38	22.38	PASS
Band4	1.4	20175	3	#Max	QPSK	22.71	-0.38	22.33	PASS
Band4	1.4	20175	6	#0	QPSK	21.75	-0.38	21.37	PASS
Band4	1.4	20175	1	#0	16QAM	21.85	-0.38	21.47	PASS
Band4	1.4	20175	1	#Mid	16QAM	21.84	-0.38	21.46	PASS
Band4	1.4	20175	1	#Max	16QAM	21.80	-0.38	21.42	PASS
Band4	1.4	20175	3	#0	16QAM	21.97	-0.38	21.59	PASS
Band4	1.4	20175	3	#Mid	16QAM	22.02	-0.38	21.64	PASS
Band4	1.4	20175	3	#Max	16QAM	21.97	-0.38	21.59	PASS
Band4	1.4	20175	6	#0	16QAM	20.97	-0.38	20.59	PASS
Band4	1.4	20393	1	#0	QPSK	22.61	-0.38	22.23	PASS
Band4	1.4	20393	1	#Mid	QPSK	22.71	-0.38	22.33	PASS
Band4	1.4	20393	1	#Max	QPSK	22.64	-0.38	22.26	PASS
Band4	1.4	20393	3	#0	QPSK	22.64	-0.38	22.26	PASS
Band4	1.4	20393	3	#Mid	QPSK	22.64	-0.38	22.26	PASS
Band4	1.4	20393	3	#Max	QPSK	22.64	-0.38	22.26	PASS
Band4	1.4	20393	6	#0	QPSK	21.72	-0.38	21.34	PASS
Band4	1.4	20393	1	#0	16QAM	21.34	-0.38	20.96	PASS

Band4	1.4	20393	1	#Mid	16QAM	21.43	-0.38	21.05	PASS
Band4	1.4	20393	1	#Max	16QAM	21.37	-0.38	20.99	PASS
Band4	1.4	20393	3	#0	16QAM	21.75	-0.38	21.37	PASS
Band4	1.4	20393	3	#Mid	16QAM	21.78	-0.38	21.40	PASS
Band4	1.4	20393	3	#Max	16QAM	21.75	-0.38	21.37	PASS
Band4	1.4	20393	6	#0	16QAM	20.88	-0.38	20.50	PASS
Band4	3	19965	1	#0	QPSK	22.52	-0.38	22.14	PASS
Band4	3	19965	1	#Mid	QPSK	22.62	-0.38	22.24	PASS
Band4	3	19965	1	#Max	QPSK	22.52	-0.38	22.14	PASS
Band4	3	19965	8	#0	QPSK	21.73	-0.38	21.35	PASS
Band4	3	19965	8	#Mid	QPSK	21.83	-0.38	21.45	PASS
Band4	3	19965	8	#Max	QPSK	21.81	-0.38	21.43	PASS
Band4	3	19965	15	#0	QPSK	21.71	-0.38	21.33	PASS
Band4	3	19965	1	#0	16QAM	21.94	-0.38	21.56	PASS
Band4	3	19965	1	#Mid	16QAM	22.01	-0.38	21.63	PASS
Band4	3	19965	1	#Max	16QAM	21.88	-0.38	21.50	PASS
Band4	3	19965	8	#0	16QAM	20.82	-0.38	20.44	PASS
Band4	3	19965	8	#Mid	16QAM	20.89	-0.38	20.51	PASS
Band4	3	19965	8	#Max	16QAM	20.84	-0.38	20.46	PASS
Band4	3	19965	15	#0	16QAM	20.84	-0.38	20.46	PASS
Band4	3	20175	1	#0	QPSK	22.48	-0.38	22.10	PASS
Band4	3	20175	1	#Mid	QPSK	22.53	-0.38	22.15	PASS
Band4	3	20175	1	#Max	QPSK	22.42	-0.38	22.04	PASS
Band4	3	20175	8	#0	QPSK	21.66	-0.38	21.28	PASS
Band4	3	20175	8	#Mid	QPSK	21.71	-0.38	21.33	PASS
Band4	3	20175	8	#Max	QPSK	21.68	-0.38	21.30	PASS
Band4	3	20175	15	#0	QPSK	21.63	-0.38	21.25	PASS
Band4	3	20175	1	#0	16QAM	21.67	-0.38	21.29	PASS
Band4	3	20175	1	#Mid	16QAM	21.73	-0.38	21.35	PASS
Band4	3	20175	1	#Max	16QAM	21.64	-0.38	21.26	PASS
Band4	3	20175	8	#0	16QAM	20.75	-0.38	20.37	PASS
Band4	3	20175	8	#Mid	16QAM	20.80	-0.38	20.42	PASS
Band4	3	20175	8	#Max	16QAM	20.69	-0.38	20.31	PASS
Band4	3	20175	15	#0	16QAM	20.68	-0.38	20.30	PASS
Band4	3	20385	1	#0	QPSK	22.44	-0.38	22.06	PASS
Band4	3	20385	1	#Mid	QPSK	22.56	-0.38	22.18	PASS
Band4	3	20385	1	#Max	QPSK	22.55	-0.38	22.17	PASS
Band4	3	20385	8	#0	QPSK	21.60	-0.38	21.22	PASS
Band4	3	20385	8	#Mid	QPSK	21.67	-0.38	21.29	PASS
Band4	3	20385	8	#Max	QPSK	21.64	-0.38	21.26	PASS
Band4	3	20385	15	#0	QPSK	21.59	-0.38	21.21	PASS
Band4	3	20385	1	#0	16QAM	21.23	-0.38	20.85	PASS
Band4	3	20385	1	#Mid	16QAM	21.29	-0.38	20.91	PASS

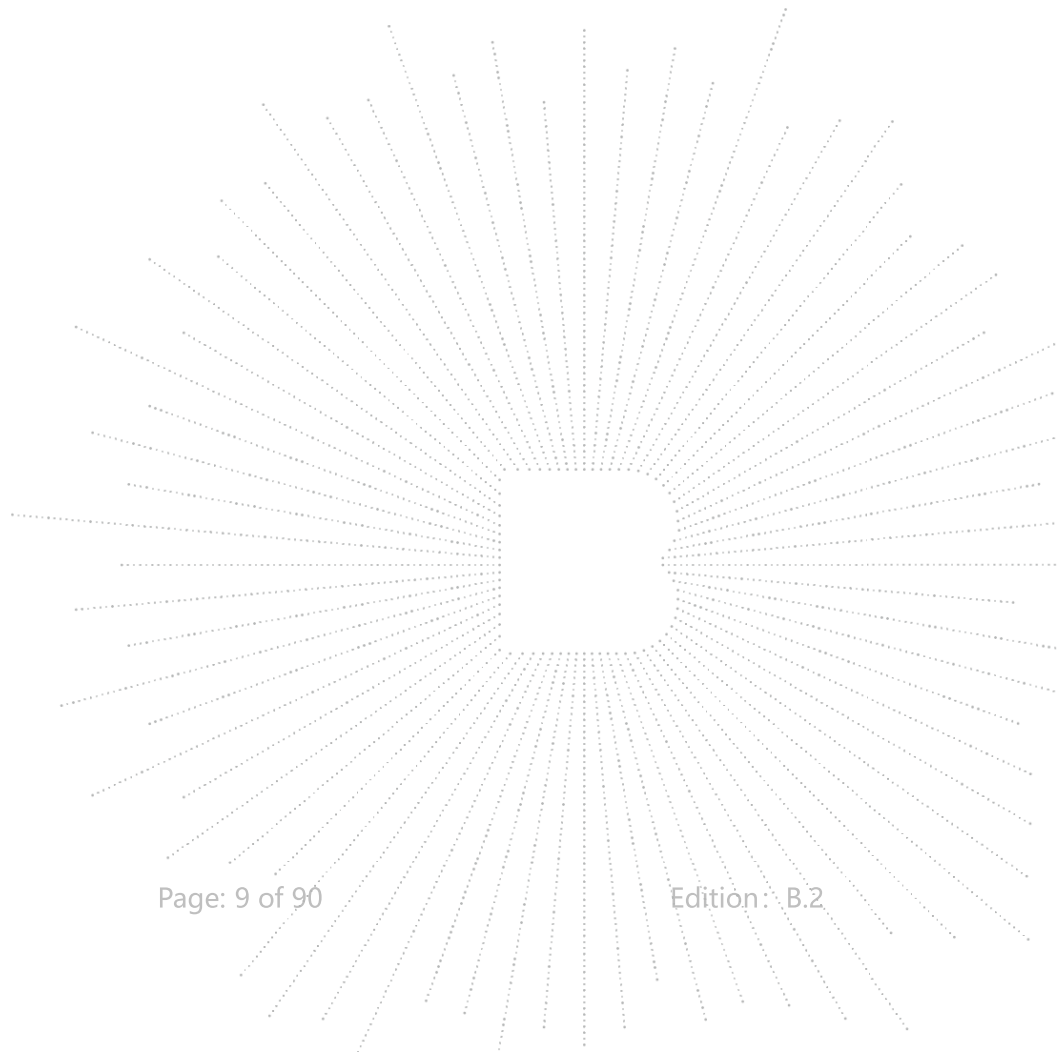
Band4	3	20385	1	#Max	16QAM	21.22	-0.38	20.84	PASS
Band4	3	20385	8	#0	16QAM	20.59	-0.38	20.21	PASS
Band4	3	20385	8	#Mid	16QAM	20.64	-0.38	20.26	PASS
Band4	3	20385	8	#Max	16QAM	20.67	-0.38	20.29	PASS
Band4	3	20385	15	#0	16QAM	20.69	-0.38	20.31	PASS
Band4	5	19975	1	#0	QPSK	22.80	-0.38	22.42	PASS
Band4	5	19975	1	#Mid	QPSK	22.83	-0.38	22.45	PASS
Band4	5	19975	1	#Max	QPSK	22.80	-0.38	22.42	PASS
Band4	5	19975	12	#0	QPSK	21.76	-0.38	21.38	PASS
Band4	5	19975	12	#Mid	QPSK	21.86	-0.38	21.48	PASS
Band4	5	19975	12	#Max	QPSK	21.83	-0.38	21.45	PASS
Band4	5	19975	25	#0	QPSK	21.80	-0.38	21.42	PASS
Band4	5	19975	1	#0	16QAM	22.24	-0.38	21.86	PASS
Band4	5	19975	1	#Mid	16QAM	22.33	-0.38	21.95	PASS
Band4	5	19975	1	#Max	16QAM	22.28	-0.38	21.90	PASS
Band4	5	19975	12	#0	16QAM	20.80	-0.38	20.42	PASS
Band4	5	19975	12	#Mid	16QAM	20.91	-0.38	20.53	PASS
Band4	5	19975	12	#Max	16QAM	20.91	-0.38	20.53	PASS
Band4	5	19975	25	#0	16QAM	20.87	-0.38	20.49	PASS
Band4	5	20175	1	#0	QPSK	22.71	-0.38	22.33	PASS
Band4	5	20175	1	#Mid	QPSK	22.77	-0.38	22.39	PASS
Band4	5	20175	1	#Max	QPSK	22.74	-0.38	22.36	PASS
Band4	5	20175	12	#0	QPSK	21.71	-0.38	21.33	PASS
Band4	5	20175	12	#Mid	QPSK	21.79	-0.38	21.41	PASS
Band4	5	20175	12	#Max	QPSK	21.75	-0.38	21.37	PASS
Band4	5	20175	25	#0	QPSK	21.76	-0.38	21.38	PASS
Band4	5	20175	1	#0	16QAM	22.09	-0.38	21.71	PASS
Band4	5	20175	1	#Mid	16QAM	22.13	-0.38	21.75	PASS
Band4	5	20175	1	#Max	16QAM	22.03	-0.38	21.65	PASS
Band4	5	20175	12	#0	16QAM	20.77	-0.38	20.39	PASS
Band4	5	20175	12	#Mid	16QAM	20.84	-0.38	20.46	PASS
Band4	5	20175	12	#Max	16QAM	20.76	-0.38	20.38	PASS
Band4	5	20175	25	#0	16QAM	20.85	-0.38	20.47	PASS
Band4	5	20375	1	#0	QPSK	22.57	-0.38	22.19	PASS
Band4	5	20375	1	#Mid	QPSK	22.65	-0.38	22.27	PASS
Band4	5	20375	1	#Max	QPSK	22.59	-0.38	22.21	PASS
Band4	5	20375	12	#0	QPSK	21.62	-0.38	21.24	PASS
Band4	5	20375	12	#Mid	QPSK	21.68	-0.38	21.30	PASS
Band4	5	20375	12	#Max	QPSK	21.67	-0.38	21.29	PASS
Band4	5	20375	25	#0	QPSK	21.64	-0.38	21.26	PASS
Band4	5	20375	1	#0	16QAM	21.83	-0.38	21.45	PASS
Band4	5	20375	1	#Mid	16QAM	21.92	-0.38	21.54	PASS
Band4	5	20375	1	#Max	16QAM	21.88	-0.38	21.50	PASS

Band4	5	20375	12	#0	16QAM	20.68	-0.38	20.30	PASS
Band4	5	20375	12	#Mid	16QAM	20.76	-0.38	20.38	PASS
Band4	5	20375	12	#Max	16QAM	20.74	-0.38	20.36	PASS
Band4	5	20375	25	#0	16QAM	20.68	-0.38	20.30	PASS
Band4	10	20000	1	#0	QPSK	22.82	-0.38	22.44	PASS
Band4	10	20000	1	#Mid	QPSK	22.88	-0.38	22.50	PASS
Band4	10	20000	1	#Max	QPSK	22.79	-0.38	22.41	PASS
Band4	10	20000	25	#0	QPSK	21.74	-0.38	21.36	PASS
Band4	10	20000	25	#Mid	QPSK	21.88	-0.38	21.50	PASS
Band4	10	20000	25	#Max	QPSK	21.86	-0.38	21.48	PASS
Band4	10	20000	50	#0	QPSK	21.84	-0.38	21.46	PASS
Band4	10	20000	1	#0	16QAM	22.21	-0.38	21.83	PASS
Band4	10	20000	1	#Mid	16QAM	22.28	-0.38	21.90	PASS
Band4	10	20000	1	#Max	16QAM	22.22	-0.38	21.84	PASS
Band4	10	20000	25	#0	16QAM	20.87	-0.38	20.49	PASS
Band4	10	20000	25	#Mid	16QAM	20.92	-0.38	20.54	PASS
Band4	10	20000	25	#Max	16QAM	20.95	-0.38	20.57	PASS
Band4	10	20000	50	#0	16QAM	20.86	-0.38	20.48	PASS
Band4	10	20175	1	#0	QPSK	22.88	-0.38	22.50	PASS
Band4	10	20175	1	#Mid	QPSK	22.89	-0.38	22.51	PASS
Band4	10	20175	1	#Max	QPSK	22.78	-0.38	22.40	PASS
Band4	10	20175	25	#0	QPSK	21.74	-0.38	21.36	PASS
Band4	10	20175	25	#Mid	QPSK	21.81	-0.38	21.43	PASS
Band4	10	20175	25	#Max	QPSK	21.75	-0.38	21.37	PASS
Band4	10	20175	50	#0	QPSK	21.79	-0.38	21.41	PASS
Band4	10	20175	1	#0	16QAM	21.70	-0.38	21.32	PASS
Band4	10	20175	1	#Mid	16QAM	21.68	-0.38	21.30	PASS
Band4	10	20175	1	#Max	16QAM	21.56	-0.38	21.18	PASS
Band4	10	20175	25	#0	16QAM	20.85	-0.38	20.47	PASS
Band4	10	20175	25	#Mid	16QAM	20.87	-0.38	20.49	PASS
Band4	10	20175	25	#Max	16QAM	0.00	-0.38	-0.38	PASS
Band4	10	20175	50	#0	16QAM	0.00	-0.38	-0.38	PASS
Band4	10	20350	1	#0	QPSK	22.76	-0.38	22.38	PASS
Band4	10	20350	1	#Mid	QPSK	22.84	-0.38	22.46	PASS
Band4	10	20350	1	#Max	QPSK	22.85	-0.38	22.47	PASS
Band4	10	20350	25	#0	QPSK	21.61	-0.38	21.23	PASS
Band4	10	20350	25	#Mid	QPSK	21.65	-0.38	21.27	PASS
Band4	10	20350	25	#Max	QPSK	21.64	-0.38	21.26	PASS
Band4	10	20350	50	#0	QPSK	21.65	-0.38	21.27	PASS
Band4	10	20350	1	#0	16QAM	21.50	-0.38	21.12	PASS
Band4	10	20350	1	#Mid	16QAM	21.51	-0.38	21.13	PASS
Band4	10	20350	1	#Max	16QAM	21.51	-0.38	21.13	PASS
Band4	10	20350	25	#0	16QAM	20.69	-0.38	20.31	PASS

Band4	10	20350	25	#Mid	16QAM	20.73	-0.38	20.35	PASS
Band4	10	20350	25	#Max	16QAM	20.69	-0.38	20.31	PASS
Band4	10	20350	50	#0	16QAM	20.66	-0.38	20.28	PASS
Band4	15	20025	1	#0	QPSK	22.76	-0.38	22.38	PASS
Band4	15	20025	1	#Mid	QPSK	22.84	-0.38	22.46	PASS
Band4	15	20025	1	#Max	QPSK	22.78	-0.38	22.40	PASS
Band4	15	20025	36	#0	QPSK	21.81	-0.38	21.43	PASS
Band4	15	20025	36	#Mid	QPSK	21.93	-0.38	21.55	PASS
Band4	15	20025	36	#Max	QPSK	21.86	-0.38	21.48	PASS
Band4	15	20025	75	#0	QPSK	21.85	-0.38	21.47	PASS
Band4	15	20025	1	#0	16QAM	22.14	-0.38	21.76	PASS
Band4	15	20025	1	#Mid	16QAM	22.26	-0.38	21.88	PASS
Band4	15	20025	1	#Max	16QAM	22.19	-0.38	21.81	PASS
Band4	15	20025	36	#0	16QAM	20.85	-0.38	20.47	PASS
Band4	15	20025	36	#Mid	16QAM	21.00	-0.38	20.62	PASS
Band4	15	20025	36	#Max	16QAM	20.91	-0.38	20.53	PASS
Band4	15	20025	75	#0	16QAM	20.89	-0.38	20.51	PASS
Band4	15	20175	1	#0	QPSK	22.76	-0.38	22.38	PASS
Band4	15	20175	1	#Mid	QPSK	22.81	-0.38	22.43	PASS
Band4	15	20175	1	#Max	QPSK	22.63	-0.38	22.25	PASS
Band4	15	20175	36	#0	QPSK	21.85	-0.38	21.47	PASS
Band4	15	20175	36	#Mid	QPSK	21.79	-0.38	21.41	PASS
Band4	15	20175	36	#Max	QPSK	21.77	-0.38	21.39	PASS
Band4	15	20175	75	#0	QPSK	21.83	-0.38	21.45	PASS
Band4	15	20175	1	#0	16QAM	21.98	-0.38	21.60	PASS
Band4	15	20175	1	#Mid	16QAM	22.03	-0.38	21.65	PASS
Band4	15	20175	1	#Max	16QAM	21.80	-0.38	21.42	PASS
Band4	15	20175	36	#0	16QAM	20.92	-0.38	20.54	PASS
Band4	15	20175	36	#Mid	16QAM	20.95	-0.38	20.57	PASS
Band4	15	20175	36	#Max	16QAM	20.90	-0.38	20.52	PASS
Band4	15	20175	75	#0	16QAM	20.81	-0.38	20.43	PASS
Band4	15	20325	1	#0	QPSK	22.64	-0.38	22.26	PASS
Band4	15	20325	1	#Mid	QPSK	22.78	-0.38	22.40	PASS
Band4	15	20325	1	#Max	QPSK	22.74	-0.38	22.36	PASS
Band4	15	20325	36	#0	QPSK	21.63	-0.38	21.25	PASS
Band4	15	20325	36	#Mid	QPSK	21.71	-0.38	21.33	PASS
Band4	15	20325	36	#Max	QPSK	21.72	-0.38	21.34	PASS
Band4	15	20325	75	#0	QPSK	21.75	-0.38	21.37	PASS
Band4	15	20325	1	#0	16QAM	21.70	-0.38	21.32	PASS
Band4	15	20325	1	#Mid	16QAM	21.76	-0.38	21.38	PASS
Band4	15	20325	1	#Max	16QAM	21.73	-0.38	21.35	PASS
Band4	15	20325	36	#0	16QAM	20.62	-0.38	20.24	PASS
Band4	15	20325	36	#Mid	16QAM	20.73	-0.38	20.35	PASS

Band4	15	20325	36	#Max	16QAM	20.73	-0.38	20.35	PASS
Band4	15	20325	75	#0	16QAM	20.75	-0.38	20.37	PASS
Band4	20	20050	1	#0	QPSK	22.72	-0.38	22.34	PASS
Band4	20	20050	1	#Mid	QPSK	22.90	-0.38	22.52	PASS
Band4	20	20050	1	#Max	QPSK	22.67	-0.38	22.29	PASS
Band4	20	20050	50	#0	QPSK	21.73	-0.38	21.35	PASS
Band4	20	20050	50	#Mid	QPSK	21.88	-0.38	21.50	PASS
Band4	20	20050	50	#Max	QPSK	21.84	-0.38	21.46	PASS
Band4	20	20050	100	#0	QPSK	21.76	-0.38	21.38	PASS
Band4	20	20050	1	#0	16QAM	21.98	-0.38	21.60	PASS
Band4	20	20050	1	#Mid	16QAM	22.20	-0.38	21.82	PASS
Band4	20	20050	1	#Max	16QAM	22.07	-0.38	21.69	PASS
Band4	20	20050	50	#0	16QAM	20.90	-0.38	20.52	PASS
Band4	20	20050	50	#Mid	16QAM	20.99	-0.38	20.61	PASS
Band4	20	20050	50	#Max	16QAM	20.94	-0.38	20.56	PASS
Band4	20	20050	100	#0	16QAM	20.82	-0.38	20.44	PASS
Band4	20	20175	1	#0	QPSK	22.79	-0.38	22.41	PASS
Band4	20	20175	1	#Mid	QPSK	22.92	-0.38	22.54	PASS
Band4	20	20175	1	#Max	QPSK	22.68	-0.38	22.30	PASS
Band4	20	20175	50	#0	QPSK	21.82	-0.38	21.44	PASS
Band4	20	20175	50	#Mid	QPSK	21.84	-0.38	21.46	PASS
Band4	20	20175	50	#Max	QPSK	21.75	-0.38	21.37	PASS
Band4	20	20175	100	#0	QPSK	21.75	-0.38	21.37	PASS
Band4	20	20175	1	#0	16QAM	21.95	-0.38	21.57	PASS
Band4	20	20175	1	#Mid	16QAM	22.11	-0.38	21.73	PASS
Band4	20	20175	1	#Max	16QAM	21.81	-0.38	21.43	PASS
Band4	20	20175	50	#0	16QAM	20.84	-0.38	20.46	PASS
Band4	20	20175	50	#Mid	16QAM	20.91	-0.38	20.53	PASS
Band4	20	20175	50	#Max	16QAM	20.80	-0.38	20.42	PASS
Band4	20	20175	100	#0	16QAM	20.84	-0.38	20.46	PASS
Band4	20	20300	1	#0	QPSK	22.55	-0.38	22.17	PASS
Band4	20	20300	1	#Mid	QPSK	22.78	-0.38	22.40	PASS
Band4	20	20300	1	#Max	QPSK	22.63	-0.38	22.25	PASS
Band4	20	20300	50	#0	QPSK	21.65	-0.38	21.27	PASS
Band4	20	20300	50	#Mid	QPSK	21.71	-0.38	21.33	PASS
Band4	20	20300	50	#Max	QPSK	21.68	-0.38	21.30	PASS
Band4	20	20300	100	#0	QPSK	21.61	-0.38	21.23	PASS
Band4	20	20300	1	#0	16QAM	21.84	-0.38	21.46	PASS
Band4	20	20300	1	#Mid	16QAM	21.94	-0.38	21.56	PASS
Band4	20	20300	1	#Max	16QAM	21.81	-0.38	21.43	PASS
Band4	20	20300	50	#0	16QAM	20.75	-0.38	20.37	PASS
Band4	20	20300	50	#Mid	16QAM	20.80	-0.38	20.42	PASS
Band4	20	20300	50	#Max	16QAM	20.81	-0.38	20.43	PASS

Band4	20	20300	100	#0	16QAM	20.69	-0.38	20.31	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	-15.69	-0.009	PASS
Band4	1.4	19957	6	#0	QPSK	NV	NT	-28.58	-0.017	PASS
Band4	1.4	19957	6	#0	QPSK	HV	NT	-36.56	-0.021	PASS
Band4	1.4	19957	6	#0	16QAM	LV	NT	-36.69	-0.021	PASS
Band4	1.4	19957	6	#0	16QAM	NV	NT	-29.58	-0.017	PASS
Band4	1.4	19957	6	#0	16QAM	HV	NT	-17.68	-0.010	PASS
Band4	1.4	20175	6	#0	QPSK	LV	NT	2.42	0.001	PASS
Band4	1.4	20175	6	#0	QPSK	NV	NT	-2.07	-0.001	PASS
Band4	1.4	20175	6	#0	QPSK	HV	NT	-1.95	-0.001	PASS
Band4	1.4	20175	6	#0	16QAM	LV	NT	-12.53	-0.007	PASS
Band4	1.4	20175	6	#0	16QAM	NV	NT	-20.24	-0.012	PASS
Band4	1.4	20175	6	#0	16QAM	HV	NT	-10.11	-0.006	PASS
Band4	1.4	20393	6	#0	QPSK	LV	NT	13.90	0.008	PASS
Band4	1.4	20393	6	#0	QPSK	NV	NT	6.12	0.003	PASS
Band4	1.4	20393	6	#0	QPSK	HV	NT	2.22	0.001	PASS
Band4	1.4	20393	6	#0	16QAM	LV	NT	1.44	0.001	PASS
Band4	1.4	20393	6	#0	16QAM	NV	NT	2.20	0.001	PASS
Band4	1.4	20393	6	#0	16QAM	HV	NT	2.75	0.002	PASS
Band4	3	19965	15	#0	QPSK	LV	NT	1.00	0.001	PASS
Band4	3	19965	15	#0	QPSK	NV	NT	-14.73	-0.009	PASS
Band4	3	19965	15	#0	QPSK	HV	NT	-14.89	-0.009	PASS
Band4	3	19965	15	#0	16QAM	LV	NT	-14.76	-0.009	PASS
Band4	3	19965	15	#0	16QAM	NV	NT	-11.16	-0.007	PASS
Band4	3	19965	15	#0	16QAM	HV	NT	-8.00	-0.005	PASS
Band4	3	20175	15	#0	QPSK	LV	NT	-2.46	-0.001	PASS
Band4	3	20175	15	#0	QPSK	NV	NT	-5.32	-0.003	PASS
Band4	3	20175	15	#0	QPSK	HV	NT	-6.28	-0.004	PASS
Band4	3	20175	15	#0	16QAM	LV	NT	-8.64	-0.005	PASS
Band4	3	20175	15	#0	16QAM	NV	NT	-6.32	-0.004	PASS
Band4	3	20175	15	#0	16QAM	HV	NT	-1.37	-0.001	PASS
Band4	3	20385	15	#0	QPSK	LV	NT	5.39	0.003	PASS
Band4	3	20385	15	#0	QPSK	NV	NT	4.62	0.003	PASS
Band4	3	20385	15	#0	QPSK	HV	NT	-3.12	-0.002	PASS
Band4	3	20385	15	#0	16QAM	LV	NT	-3.38	-0.002	PASS
Band4	3	20385	15	#0	16QAM	NV	NT	-4.73	-0.003	PASS
Band4	3	20385	15	#0	16QAM	HV	NT	0.62	0.000	PASS
Band4	5	19975	25	#0	QPSK	LV	NT	-2.13	-0.001	PASS
Band4	5	19975	25	#0	QPSK	NV	NT	-20.60	-0.012	PASS

Band4	5	19975	25	#0	QPSK	HV	NT	-15.09	-0.009	PASS
Band4	5	19975	25	#0	16QAM	LV	NT	-6.22	-0.004	PASS
Band4	5	19975	25	#0	16QAM	NV	NT	-0.90	-0.001	PASS
Band4	5	19975	25	#0	16QAM	HV	NT	-5.61	-0.003	PASS
Band4	5	20175	25	#0	QPSK	LV	NT	6.85	0.004	PASS
Band4	5	20175	25	#0	QPSK	NV	NT	2.50	0.001	PASS
Band4	5	20175	25	#0	QPSK	HV	NT	0.21	0.000	PASS
Band4	5	20175	25	#0	16QAM	LV	NT	-2.75	-0.002	PASS
Band4	5	20175	25	#0	16QAM	NV	NT	1.59	0.001	PASS
Band4	5	20175	25	#0	16QAM	HV	NT	-0.17	0.000	PASS
Band4	5	20375	25	#0	QPSK	LV	NT	9.23	0.005	PASS
Band4	5	20375	25	#0	QPSK	NV	NT	2.13	0.001	PASS
Band4	5	20375	25	#0	QPSK	HV	NT	4.51	0.003	PASS
Band4	5	20375	25	#0	16QAM	LV	NT	-2.92	-0.002	PASS
Band4	5	20375	25	#0	16QAM	NV	NT	5.95	0.003	PASS
Band4	5	20375	25	#0	16QAM	HV	NT	8.96	0.005	PASS
Band4	10	20000	50	#0	QPSK	LV	NT	-5.61	-0.003	PASS
Band4	10	20000	50	#0	QPSK	NV	NT	-5.09	-0.003	PASS
Band4	10	20000	50	#0	QPSK	HV	NT	-1.07	-0.001	PASS
Band4	10	20000	50	#0	16QAM	LV	NT	-1.09	-0.001	PASS
Band4	10	20000	50	#0	16QAM	NV	NT	-0.43	0.000	PASS
Band4	10	20000	50	#0	16QAM	HV	NT	-1.42	-0.001	PASS
Band4	10	20175	50	#0	QPSK	LV	NT	0.04	0.000	PASS
Band4	10	20175	50	#0	QPSK	NV	NT	-4.46	-0.003	PASS
Band4	10	20175	50	#0	QPSK	HV	NT	-4.55	-0.003	PASS
Band4	10	20175	50	#0	16QAM	LV	NT	-2.46	-0.001	PASS
Band4	10	20175	50	#0	16QAM	NV	NT	-0.27	0.000	PASS
Band4	10	20175	50	#0	16QAM	HV	NT	-2.23	-0.001	PASS
Band4	10	20350	50	#0	QPSK	LV	NT	-3.39	-0.002	PASS
Band4	10	20350	50	#0	QPSK	NV	NT	-3.89	-0.002	PASS
Band4	10	20350	50	#0	QPSK	HV	NT	-1.89	-0.001	PASS
Band4	10	20350	50	#0	16QAM	LV	NT	-2.59	-0.001	PASS
Band4	10	20350	50	#0	16QAM	NV	NT	-0.76	0.000	PASS
Band4	10	20350	50	#0	16QAM	HV	NT	-0.82	0.000	PASS
Band4	15	20025	75	#0	QPSK	LV	NT	-11.87	-0.007	PASS
Band4	15	20025	75	#0	QPSK	NV	NT	-4.79	-0.003	PASS
Band4	15	20025	75	#0	QPSK	HV	NT	-3.08	-0.002	PASS
Band4	15	20025	75	#0	16QAM	LV	NT	-3.38	-0.002	PASS
Band4	15	20025	75	#0	16QAM	NV	NT	-2.33	-0.001	PASS
Band4	15	20025	75	#0	16QAM	HV	NT	-0.06	0.000	PASS
Band4	15	20175	75	#0	QPSK	LV	NT	0.49	0.000	PASS
Band4	15	20175	75	#0	QPSK	NV	NT	-2.32	-0.001	PASS
Band4	15	20175	75	#0	QPSK	HV	NT	-0.41	0.000	PASS

Band4	15	20175	75	#0	16QAM	LV	NT	-0.13	0.000	PASS
Band4	15	20175	75	#0	16QAM	NV	NT	-0.64	0.000	PASS
Band4	15	20175	75	#0	16QAM	HV	NT	-1.29	-0.001	PASS
Band4	15	20325	75	#0	QPSK	LV	NT	-1.32	-0.001	PASS
Band4	15	20325	75	#0	QPSK	NV	NT	-4.79	-0.003	PASS
Band4	15	20325	75	#0	QPSK	HV	NT	-2.80	-0.002	PASS
Band4	15	20325	75	#0	16QAM	LV	NT	-4.33	-0.002	PASS
Band4	15	20325	75	#0	16QAM	NV	NT	-2.20	-0.001	PASS
Band4	15	20325	75	#0	16QAM	HV	NT	-5.09	-0.003	PASS
Band4	20	20050	100	#0	QPSK	LV	NT	-7.98	-0.005	PASS
Band4	20	20050	100	#0	QPSK	NV	NT	-5.62	-0.003	PASS
Band4	20	20050	100	#0	QPSK	HV	NT	-7.30	-0.004	PASS
Band4	20	20050	100	#0	16QAM	LV	NT	-1.53	-0.001	PASS
Band4	20	20050	100	#0	16QAM	NV	NT	0.66	0.000	PASS
Band4	20	20050	100	#0	16QAM	HV	NT	-2.00	-0.001	PASS
Band4	20	20175	100	#0	QPSK	LV	NT	-2.36	-0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	NT	-3.26	-0.002	PASS
Band4	20	20175	100	#0	QPSK	HV	NT	-1.73	-0.001	PASS
Band4	20	20175	100	#0	16QAM	LV	NT	0.89	0.001	PASS
Band4	20	20175	100	#0	16QAM	NV	NT	0.73	0.000	PASS
Band4	20	20175	100	#0	16QAM	HV	NT	-3.16	-0.002	PASS
Band4	20	20300	100	#0	QPSK	LV	NT	0.86	0.000	PASS
Band4	20	20300	100	#0	QPSK	NV	NT	-1.47	-0.001	PASS
Band4	20	20300	100	#0	QPSK	HV	NT	1.79	0.001	PASS
Band4	20	20300	100	#0	16QAM	LV	NT	-1.13	-0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	NT	-0.76	0.000	PASS
Band4	20	20300	100	#0	16QAM	HV	NT	0.94	0.001	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band4	1.4	19957	6	#0	QPSK	NV	-30	-14.83	-0.009	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-20	-37.82	-0.022	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-10	-38.74	-0.023	PASS
Band4	1.4	19957	6	#0	QPSK	NV	0	-37.58	-0.022	PASS
Band4	1.4	19957	6	#0	QPSK	NV	10	-29.18	-0.017	PASS
Band4	1.4	19957	6	#0	QPSK	NV	20	-22.42	-0.013	PASS
Band4	1.4	19957	6	#0	QPSK	NV	30	-18.53	-0.011	PASS
Band4	1.4	19957	6	#0	QPSK	NV	40	-12.95	-0.008	PASS
Band4	1.4	19957	6	#0	QPSK	NV	50	-8.37	-0.005	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-30	-5.81	-0.003	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-20	-1.70	-0.001	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-10	-4.05	-0.002	PASS
Band4	1.4	19957	6	#0	16QAM	NV	0	-0.86	-0.001	PASS

Band4	1.4	19957	6	#0	16QAM	NV	10	-1.62	-0.001	PASS
Band4	1.4	19957	6	#0	16QAM	NV	20	3.62	0.002	PASS
Band4	1.4	19957	6	#0	16QAM	NV	30	-5.39	-0.003	PASS
Band4	1.4	19957	6	#0	16QAM	NV	40	-5.82	-0.003	PASS
Band4	1.4	19957	6	#0	16QAM	NV	50	3.66	0.002	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-30	4.18	0.002	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-20	3.82	0.002	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-10	-0.47	0.000	PASS
Band4	1.4	20175	6	#0	QPSK	NV	0	11.96	0.007	PASS
Band4	1.4	20175	6	#0	QPSK	NV	10	7.64	0.004	PASS
Band4	1.4	20175	6	#0	QPSK	NV	20	5.84	0.003	PASS
Band4	1.4	20175	6	#0	QPSK	NV	30	-1.46	-0.001	PASS
Band4	1.4	20175	6	#0	QPSK	NV	40	-4.94	-0.003	PASS
Band4	1.4	20175	6	#0	QPSK	NV	50	-3.49	-0.002	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-30	0.37	0.000	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-20	0.50	0.000	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-10	4.49	0.003	PASS
Band4	1.4	20175	6	#0	16QAM	NV	0	2.50	0.001	PASS
Band4	1.4	20175	6	#0	16QAM	NV	10	1.56	0.001	PASS
Band4	1.4	20175	6	#0	16QAM	NV	20	1.47	0.001	PASS
Band4	1.4	20175	6	#0	16QAM	NV	30	5.56	0.003	PASS
Band4	1.4	20175	6	#0	16QAM	NV	40	4.11	0.002	PASS
Band4	1.4	20175	6	#0	16QAM	NV	50	-6.42	-0.004	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-30	12.67	0.007	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-20	-3.68	-0.002	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-10	-7.95	-0.005	PASS
Band4	1.4	20393	6	#0	QPSK	NV	0	-4.01	-0.002	PASS
Band4	1.4	20393	6	#0	QPSK	NV	10	-6.95	-0.004	PASS
Band4	1.4	20393	6	#0	QPSK	NV	20	-2.76	-0.002	PASS
Band4	1.4	20393	6	#0	QPSK	NV	30	-5.28	-0.003	PASS
Band4	1.4	20393	6	#0	QPSK	NV	40	-2.42	-0.001	PASS
Band4	1.4	20393	6	#0	QPSK	NV	50	-7.65	-0.004	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-30	-0.23	0.000	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-20	-1.97	-0.001	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-10	4.95	0.003	PASS
Band4	1.4	20393	6	#0	16QAM	NV	0	5.39	0.003	PASS
Band4	1.4	20393	6	#0	16QAM	NV	10	-0.26	0.000	PASS
Band4	1.4	20393	6	#0	16QAM	NV	20	-6.71	-0.004	PASS
Band4	1.4	20393	6	#0	16QAM	NV	30	5.55	0.003	PASS
Band4	1.4	20393	6	#0	16QAM	NV	40	5.08	0.003	PASS
Band4	1.4	20393	6	#0	16QAM	NV	50	-5.68	-0.003	PASS
Band4	3	19965	15	#0	QPSK	NV	-30	-36.55	-0.021	PASS
Band4	3	19965	15	#0	QPSK	NV	-20	-41.01	-0.024	PASS

Band4	3	19965	15	#0	QPSK	NV	-10	-37.59	-0.022	PASS
Band4	3	19965	15	#0	QPSK	NV	0	-26.26	-0.015	PASS
Band4	3	19965	15	#0	QPSK	NV	10	-17.95	-0.010	PASS
Band4	3	19965	15	#0	QPSK	NV	20	-14.62	-0.009	PASS
Band4	3	19965	15	#0	QPSK	NV	30	-14.26	-0.008	PASS
Band4	3	19965	15	#0	QPSK	NV	40	-4.71	-0.003	PASS
Band4	3	19965	15	#0	QPSK	NV	50	-2.43	-0.001	PASS
Band4	3	19965	15	#0	16QAM	NV	-30	-2.27	-0.001	PASS
Band4	3	19965	15	#0	16QAM	NV	-20	1.14	0.001	PASS
Band4	3	19965	15	#0	16QAM	NV	-10	1.89	0.001	PASS
Band4	3	19965	15	#0	16QAM	NV	0	14.75	0.009	PASS
Band4	3	19965	15	#0	16QAM	NV	10	2.93	0.002	PASS
Band4	3	19965	15	#0	16QAM	NV	20	3.19	0.002	PASS
Band4	3	19965	15	#0	16QAM	NV	30	4.08	0.002	PASS
Band4	3	19965	15	#0	16QAM	NV	40	3.15	0.002	PASS
Band4	3	19965	15	#0	16QAM	NV	50	-0.79	0.000	PASS
Band4	3	20175	15	#0	QPSK	NV	-30	2.36	0.001	PASS
Band4	3	20175	15	#0	QPSK	NV	-20	5.41	0.003	PASS
Band4	3	20175	15	#0	QPSK	NV	-10	-8.21	-0.005	PASS
Band4	3	20175	15	#0	QPSK	NV	0	-9.20	-0.005	PASS
Band4	3	20175	15	#0	QPSK	NV	10	-2.57	-0.001	PASS
Band4	3	20175	15	#0	QPSK	NV	20	1.42	0.001	PASS
Band4	3	20175	15	#0	QPSK	NV	30	-5.81	-0.003	PASS
Band4	3	20175	15	#0	QPSK	NV	40	-1.17	-0.001	PASS
Band4	3	20175	15	#0	QPSK	NV	50	-6.19	-0.004	PASS
Band4	3	20175	15	#0	16QAM	NV	-30	4.23	0.002	PASS
Band4	3	20175	15	#0	16QAM	NV	-20	1.99	0.001	PASS
Band4	3	20175	15	#0	16QAM	NV	-10	-2.95	-0.002	PASS
Band4	3	20175	15	#0	16QAM	NV	0	-1.99	-0.001	PASS
Band4	3	20175	15	#0	16QAM	NV	10	0.56	0.000	PASS
Band4	3	20175	15	#0	16QAM	NV	20	5.45	0.003	PASS
Band4	3	20175	15	#0	16QAM	NV	30	-0.41	0.000	PASS
Band4	3	20175	15	#0	16QAM	NV	40	-0.39	0.000	PASS
Band4	3	20175	15	#0	16QAM	NV	50	4.11	0.002	PASS
Band4	3	20385	15	#0	QPSK	NV	-30	-0.40	0.000	PASS
Band4	3	20385	15	#0	QPSK	NV	-20	-6.61	-0.004	PASS
Band4	3	20385	15	#0	QPSK	NV	-10	-2.26	-0.001	PASS
Band4	3	20385	15	#0	QPSK	NV	0	1.40	0.001	PASS
Band4	3	20385	15	#0	QPSK	NV	10	2.22	0.001	PASS
Band4	3	20385	15	#0	QPSK	NV	20	1.39	0.001	PASS
Band4	3	20385	15	#0	QPSK	NV	30	-3.23	-0.002	PASS
Band4	3	20385	15	#0	QPSK	NV	40	-3.50	-0.002	PASS
Band4	3	20385	15	#0	QPSK	NV	50	-1.67	-0.001	PASS

Band4	3	20385	15	#0	16QAM	NV	-30	-5.02	-0.003	PASS
Band4	3	20385	15	#0	16QAM	NV	-20	1.56	0.001	PASS
Band4	3	20385	15	#0	16QAM	NV	-10	4.22	0.002	PASS
Band4	3	20385	15	#0	16QAM	NV	0	1.57	0.001	PASS
Band4	3	20385	15	#0	16QAM	NV	10	-1.37	-0.001	PASS
Band4	3	20385	15	#0	16QAM	NV	20	-2.06	-0.001	PASS
Band4	3	20385	15	#0	16QAM	NV	30	-7.25	-0.004	PASS
Band4	3	20385	15	#0	16QAM	NV	40	-7.85	-0.004	PASS
Band4	3	20385	15	#0	16QAM	NV	50	-1.50	-0.001	PASS
Band4	5	19975	25	#0	QPSK	NV	-30	-10.01	-0.006	PASS
Band4	5	19975	25	#0	QPSK	NV	-20	-6.41	-0.004	PASS
Band4	5	19975	25	#0	QPSK	NV	-10	-3.60	-0.002	PASS
Band4	5	19975	25	#0	QPSK	NV	0	-0.03	0.000	PASS
Band4	5	19975	25	#0	QPSK	NV	10	-0.63	0.000	PASS
Band4	5	19975	25	#0	QPSK	NV	20	-4.61	-0.003	PASS
Band4	5	19975	25	#0	QPSK	NV	30	2.78	0.002	PASS
Band4	5	19975	25	#0	QPSK	NV	40	-5.94	-0.003	PASS
Band4	5	19975	25	#0	QPSK	NV	50	-1.82	-0.001	PASS
Band4	5	19975	25	#0	16QAM	NV	-30	-1.79	-0.001	PASS
Band4	5	19975	25	#0	16QAM	NV	-20	0.19	0.000	PASS
Band4	5	19975	25	#0	16QAM	NV	-10	1.23	0.001	PASS
Band4	5	19975	25	#0	16QAM	NV	0	-3.30	-0.002	PASS
Band4	5	19975	25	#0	16QAM	NV	10	-0.13	0.000	PASS
Band4	5	19975	25	#0	16QAM	NV	20	-2.03	-0.001	PASS
Band4	5	19975	25	#0	16QAM	NV	30	-2.02	-0.001	PASS
Band4	5	19975	25	#0	16QAM	NV	40	-0.87	-0.001	PASS
Band4	5	19975	25	#0	16QAM	NV	50	-4.41	-0.003	PASS
Band4	5	20175	25	#0	QPSK	NV	-30	-0.53	0.000	PASS
Band4	5	20175	25	#0	QPSK	NV	-20	-9.17	-0.005	PASS
Band4	5	20175	25	#0	QPSK	NV	-10	-4.89	-0.003	PASS
Band4	5	20175	25	#0	QPSK	NV	0	0.19	0.000	PASS
Band4	5	20175	25	#0	QPSK	NV	10	2.78	0.002	PASS
Band4	5	20175	25	#0	QPSK	NV	20	4.98	0.003	PASS
Band4	5	20175	25	#0	QPSK	NV	30	1.99	0.001	PASS
Band4	5	20175	25	#0	QPSK	NV	40	-0.64	0.000	PASS
Band4	5	20175	25	#0	QPSK	NV	50	-0.64	0.000	PASS
Band4	5	20175	25	#0	16QAM	NV	-30	-2.99	-0.002	PASS
Band4	5	20175	25	#0	16QAM	NV	-20	-1.22	-0.001	PASS
Band4	5	20175	25	#0	16QAM	NV	-10	1.92	0.001	PASS
Band4	5	20175	25	#0	16QAM	NV	0	-6.11	-0.004	PASS
Band4	5	20175	25	#0	16QAM	NV	10	-2.85	-0.002	PASS
Band4	5	20175	25	#0	16QAM	NV	20	-0.34	0.000	PASS
Band4	5	20175	25	#0	16QAM	NV	30	-0.83	0.000	PASS

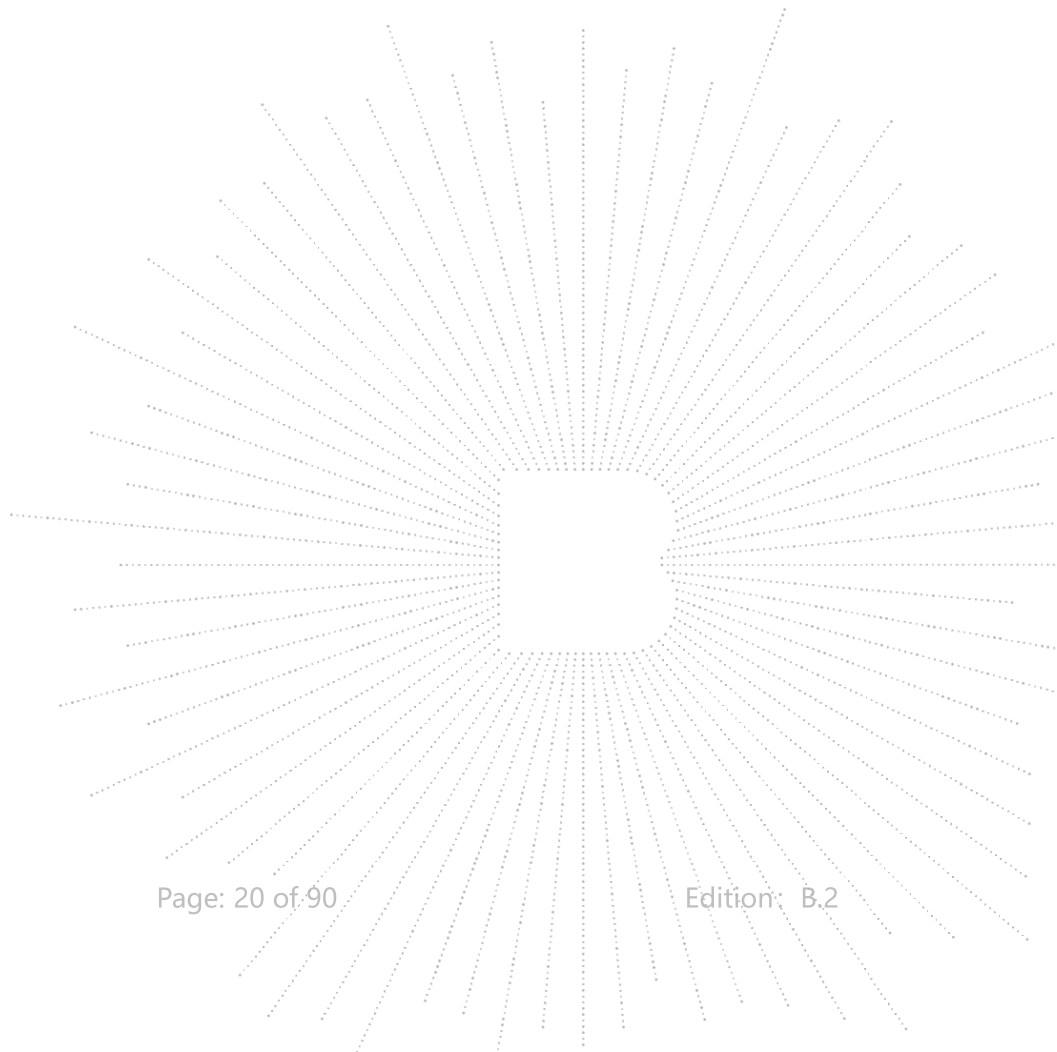
Band4	5	20175	25	#0	16QAM	NV	40	-6.82	-0.004	PASS
Band4	5	20175	25	#0	16QAM	NV	50	-6.67	-0.004	PASS
Band4	5	20375	25	#0	QPSK	NV	-30	1.14	0.001	PASS
Band4	5	20375	25	#0	QPSK	NV	-20	-0.31	0.000	PASS
Band4	5	20375	25	#0	QPSK	NV	-10	0.03	0.000	PASS
Band4	5	20375	25	#0	QPSK	NV	0	-5.97	-0.003	PASS
Band4	5	20375	25	#0	QPSK	NV	10	-5.91	-0.003	PASS
Band4	5	20375	25	#0	QPSK	NV	20	3.40	0.002	PASS
Band4	5	20375	25	#0	QPSK	NV	30	-1.09	-0.001	PASS
Band4	5	20375	25	#0	QPSK	NV	40	-1.57	-0.001	PASS
Band4	5	20375	25	#0	QPSK	NV	50	-3.38	-0.002	PASS
Band4	5	20375	25	#0	16QAM	NV	-30	1.69	0.001	PASS
Band4	5	20375	25	#0	16QAM	NV	-20	-1.10	-0.001	PASS
Band4	5	20375	25	#0	16QAM	NV	-10	-6.72	-0.004	PASS
Band4	5	20375	25	#0	16QAM	NV	0	-5.22	-0.003	PASS
Band4	5	20375	25	#0	16QAM	NV	10	-1.33	-0.001	PASS
Band4	5	20375	25	#0	16QAM	NV	20	-5.15	-0.003	PASS
Band4	5	20375	25	#0	16QAM	NV	30	-6.78	-0.004	PASS
Band4	5	20375	25	#0	16QAM	NV	40	-2.27	-0.001	PASS
Band4	5	20375	25	#0	16QAM	NV	50	-5.25	-0.003	PASS
Band4	10	20000	50	#0	QPSK	NV	-30	-6.31	-0.004	PASS
Band4	10	20000	50	#0	QPSK	NV	-20	-5.45	-0.003	PASS
Band4	10	20000	50	#0	QPSK	NV	-10	-2.33	-0.001	PASS
Band4	10	20000	50	#0	QPSK	NV	0	-0.11	0.000	PASS
Band4	10	20000	50	#0	QPSK	NV	10	-3.88	-0.002	PASS
Band4	10	20000	50	#0	QPSK	NV	20	-2.00	-0.001	PASS
Band4	10	20000	50	#0	QPSK	NV	30	-1.02	-0.001	PASS
Band4	10	20000	50	#0	QPSK	NV	40	-5.75	-0.003	PASS
Band4	10	20000	50	#0	QPSK	NV	50	-2.76	-0.002	PASS
Band4	10	20000	50	#0	16QAM	NV	-30	-1.40	-0.001	PASS
Band4	10	20000	50	#0	16QAM	NV	-20	-2.05	-0.001	PASS
Band4	10	20000	50	#0	16QAM	NV	-10	-0.44	0.000	PASS
Band4	10	20000	50	#0	16QAM	NV	0	-5.42	-0.003	PASS
Band4	10	20000	50	#0	16QAM	NV	10	-0.86	-0.001	PASS
Band4	10	20000	50	#0	16QAM	NV	20	-0.54	0.000	PASS
Band4	10	20000	50	#0	16QAM	NV	30	-4.86	-0.003	PASS
Band4	10	20000	50	#0	16QAM	NV	40	-1.66	-0.001	PASS
Band4	10	20000	50	#0	16QAM	NV	50	-2.52	-0.001	PASS
Band4	10	20175	50	#0	QPSK	NV	-30	-6.47	-0.004	PASS
Band4	10	20175	50	#0	QPSK	NV	-20	-3.88	-0.002	PASS
Band4	10	20175	50	#0	QPSK	NV	-10	-3.32	-0.002	PASS
Band4	10	20175	50	#0	QPSK	NV	0	-3.12	-0.002	PASS
Band4	10	20175	50	#0	QPSK	NV	10	-4.08	-0.002	PASS

Band4	10	20175	50	#0	QPSK	NV	20	-0.82	0.000	PASS
Band4	10	20175	50	#0	QPSK	NV	30	-3.30	-0.002	PASS
Band4	10	20175	50	#0	QPSK	NV	40	-0.24	0.000	PASS
Band4	10	20175	50	#0	QPSK	NV	50	-1.54	-0.001	PASS
Band4	10	20175	50	#0	16QAM	NV	-30	-3.62	-0.002	PASS
Band4	10	20175	50	#0	16QAM	NV	-20	-5.99	-0.003	PASS
Band4	10	20175	50	#0	16QAM	NV	-10	-0.31	0.000	PASS
Band4	10	20175	50	#0	16QAM	NV	0	0.87	0.001	PASS
Band4	10	20175	50	#0	16QAM	NV	10	-2.93	-0.002	PASS
Band4	10	20175	50	#0	16QAM	NV	20	2.32	0.001	PASS
Band4	10	20175	50	#0	16QAM	NV	30	-4.92	-0.003	PASS
Band4	10	20175	50	#0	16QAM	NV	40	-4.31	-0.002	PASS
Band4	10	20175	50	#0	16QAM	NV	50	0.60	0.000	PASS
Band4	10	20350	50	#0	QPSK	NV	-30	-0.41	0.000	PASS
Band4	10	20350	50	#0	QPSK	NV	-20	-4.66	-0.003	PASS
Band4	10	20350	50	#0	QPSK	NV	-10	0.01	0.000	PASS
Band4	10	20350	50	#0	QPSK	NV	0	-2.99	-0.002	PASS
Band4	10	20350	50	#0	QPSK	NV	10	-3.30	-0.002	PASS
Band4	10	20350	50	#0	QPSK	NV	20	0.19	0.000	PASS
Band4	10	20350	50	#0	QPSK	NV	30	-1.27	-0.001	PASS
Band4	10	20350	50	#0	QPSK	NV	40	-2.85	-0.002	PASS
Band4	10	20350	50	#0	QPSK	NV	50	-1.09	-0.001	PASS
Band4	10	20350	50	#0	16QAM	NV	-30	-0.14	0.000	PASS
Band4	10	20350	50	#0	16QAM	NV	-20	-4.43	-0.003	PASS
Band4	10	20350	50	#0	16QAM	NV	-10	-5.52	-0.003	PASS
Band4	10	20350	50	#0	16QAM	NV	0	1.83	0.001	PASS
Band4	10	20350	50	#0	16QAM	NV	10	-1.99	-0.001	PASS
Band4	10	20350	50	#0	16QAM	NV	20	1.06	0.001	PASS
Band4	10	20350	50	#0	16QAM	NV	30	-1.70	-0.001	PASS
Band4	10	20350	50	#0	16QAM	NV	40	-5.46	-0.003	PASS
Band4	10	20350	50	#0	16QAM	NV	50	-0.84	0.000	PASS
Band4	15	20025	75	#0	QPSK	NV	-30	-8.03	-0.005	PASS
Band4	15	20025	75	#0	QPSK	NV	-20	-5.29	-0.003	PASS
Band4	15	20025	75	#0	QPSK	NV	-10	-1.52	-0.001	PASS
Band4	15	20025	75	#0	QPSK	NV	0	-1.57	-0.001	PASS
Band4	15	20025	75	#0	QPSK	NV	10	-1.42	-0.001	PASS
Band4	15	20025	75	#0	QPSK	NV	20	0.10	0.000	PASS
Band4	15	20025	75	#0	QPSK	NV	30	-0.54	0.000	PASS
Band4	15	20025	75	#0	QPSK	NV	40	-0.76	0.000	PASS
Band4	15	20025	75	#0	QPSK	NV	50	-2.35	-0.001	PASS
Band4	15	20025	75	#0	16QAM	NV	-30	0.27	0.000	PASS
Band4	15	20025	75	#0	16QAM	NV	-20	-2.35	-0.001	PASS
Band4	15	20025	75	#0	16QAM	NV	-10	0.80	0.000	PASS

Band4	15	20025	75	#0	16QAM	NV	0	0.92	0.001	PASS
Band4	15	20025	75	#0	16QAM	NV	10	-1.75	-0.001	PASS
Band4	15	20025	75	#0	16QAM	NV	20	-3.19	-0.002	PASS
Band4	15	20025	75	#0	16QAM	NV	30	-2.83	-0.002	PASS
Band4	15	20025	75	#0	16QAM	NV	40	1.40	0.001	PASS
Band4	15	20025	75	#0	16QAM	NV	50	-3.10	-0.002	PASS
Band4	15	20175	75	#0	QPSK	NV	-30	-4.05	-0.002	PASS
Band4	15	20175	75	#0	QPSK	NV	-20	-3.69	-0.002	PASS
Band4	15	20175	75	#0	QPSK	NV	-10	-3.99	-0.002	PASS
Band4	15	20175	75	#0	QPSK	NV	0	-2.79	-0.002	PASS
Band4	15	20175	75	#0	QPSK	NV	10	-1.24	-0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	20	-0.29	0.000	PASS
Band4	15	20175	75	#0	QPSK	NV	30	-3.66	-0.002	PASS
Band4	15	20175	75	#0	QPSK	NV	40	-2.85	-0.002	PASS
Band4	15	20175	75	#0	QPSK	NV	50	-4.39	-0.003	PASS
Band4	15	20175	75	#0	16QAM	NV	-30	-1.02	-0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	-20	-0.36	0.000	PASS
Band4	15	20175	75	#0	16QAM	NV	-10	-3.26	-0.002	PASS
Band4	15	20175	75	#0	16QAM	NV	0	-2.06	-0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	10	-2.47	-0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	20	-0.56	0.000	PASS
Band4	15	20175	75	#0	16QAM	NV	30	1.37	0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	40	-2.47	-0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	50	0.33	0.000	PASS
Band4	15	20325	75	#0	QPSK	NV	-30	2.63	0.002	PASS
Band4	15	20325	75	#0	QPSK	NV	-20	-0.37	0.000	PASS
Band4	15	20325	75	#0	QPSK	NV	-10	0.73	0.000	PASS
Band4	15	20325	75	#0	QPSK	NV	0	-3.49	-0.002	PASS
Band4	15	20325	75	#0	QPSK	NV	10	-2.13	-0.001	PASS
Band4	15	20325	75	#0	QPSK	NV	20	2.06	0.001	PASS
Band4	15	20325	75	#0	QPSK	NV	30	-0.49	0.000	PASS
Band4	15	20325	75	#0	QPSK	NV	40	-0.11	0.000	PASS
Band4	15	20325	75	#0	QPSK	NV	50	2.29	0.001	PASS
Band4	15	20325	75	#0	16QAM	NV	-30	1.69	0.001	PASS
Band4	15	20325	75	#0	16QAM	NV	-20	-0.29	0.000	PASS
Band4	15	20325	75	#0	16QAM	NV	-10	1.23	0.001	PASS
Band4	15	20325	75	#0	16QAM	NV	0	-1.33	-0.001	PASS
Band4	15	20325	75	#0	16QAM	NV	10	0.19	0.000	PASS
Band4	15	20325	75	#0	16QAM	NV	20	-2.96	-0.002	PASS
Band4	15	20325	75	#0	16QAM	NV	30	1.14	0.001	PASS
Band4	15	20325	75	#0	16QAM	NV	40	-0.72	0.000	PASS
Band4	15	20325	75	#0	16QAM	NV	50	0.27	0.000	PASS
Band4	20	20050	100	#0	QPSK	NV	-30	-5.21	-0.003	PASS

Band4	20	20050	100	#0	QPSK	NV	-20	-4.32	-0.003	PASS
Band4	20	20050	100	#0	QPSK	NV	-10	-1.06	-0.001	PASS
Band4	20	20050	100	#0	QPSK	NV	0	3.38	0.002	PASS
Band4	20	20050	100	#0	QPSK	NV	10	-1.52	-0.001	PASS
Band4	20	20050	100	#0	QPSK	NV	20	-1.20	-0.001	PASS
Band4	20	20050	100	#0	QPSK	NV	30	-0.06	0.000	PASS
Band4	20	20050	100	#0	QPSK	NV	40	2.73	0.002	PASS
Band4	20	20050	100	#0	QPSK	NV	50	2.76	0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	-30	2.99	0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	-20	3.12	0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	-10	1.66	0.001	PASS
Band4	20	20050	100	#0	16QAM	NV	0	0.77	0.000	PASS
Band4	20	20050	100	#0	16QAM	NV	10	-0.67	0.000	PASS
Band4	20	20050	100	#0	16QAM	NV	20	3.62	0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	30	-0.92	-0.001	PASS
Band4	20	20050	100	#0	16QAM	NV	40	3.42	0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	50	2.46	0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	-30	2.00	0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	-20	-2.50	-0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	-10	-3.09	-0.002	PASS
Band4	20	20175	100	#0	QPSK	NV	0	-2.29	-0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	10	-0.17	0.000	PASS
Band4	20	20175	100	#0	QPSK	NV	20	-1.47	-0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	30	-2.03	-0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	40	-2.80	-0.002	PASS
Band4	20	20175	100	#0	QPSK	NV	50	-1.99	-0.001	PASS
Band4	20	20175	100	#0	16QAM	NV	-30	-3.83	-0.002	PASS
Band4	20	20175	100	#0	16QAM	NV	-20	-2.33	-0.001	PASS
Band4	20	20175	100	#0	16QAM	NV	-10	-3.88	-0.002	PASS
Band4	20	20175	100	#0	16QAM	NV	0	-3.02	-0.002	PASS
Band4	20	20175	100	#0	16QAM	NV	10	-3.69	-0.002	PASS
Band4	20	20175	100	#0	16QAM	NV	20	-2.90	-0.002	PASS
Band4	20	20175	100	#0	16QAM	NV	30	-1.13	-0.001	PASS
Band4	20	20175	100	#0	16QAM	NV	40	-0.16	0.000	PASS
Band4	20	20175	100	#0	16QAM	NV	50	-2.35	-0.001	PASS
Band4	20	20300	100	#0	QPSK	NV	-30	0.27	0.000	PASS
Band4	20	20300	100	#0	QPSK	NV	-20	-0.80	0.000	PASS
Band4	20	20300	100	#0	QPSK	NV	-10	0.36	0.000	PASS
Band4	20	20300	100	#0	QPSK	NV	0	-0.92	-0.001	PASS
Band4	20	20300	100	#0	QPSK	NV	10	-0.62	0.000	PASS
Band4	20	20300	100	#0	QPSK	NV	20	0.20	0.000	PASS
Band4	20	20300	100	#0	QPSK	NV	30	-0.90	-0.001	PASS
Band4	20	20300	100	#0	QPSK	NV	40	1.75	0.001	PASS

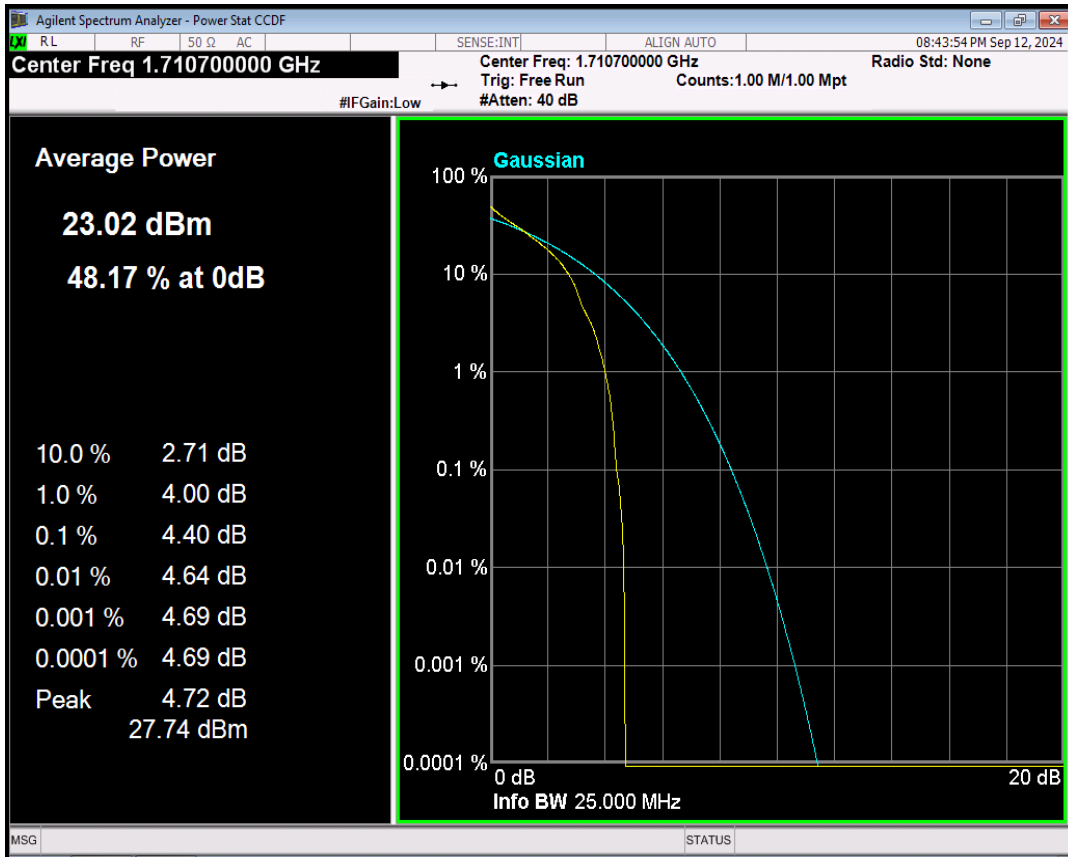
Band4	20	20300	100	#0	QPSK	NV	50	-1.70	-0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	-30	1.24	0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	-20	1.20	0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	-10	-0.37	0.000	PASS
Band4	20	20300	100	#0	16QAM	NV	0	-1.00	-0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	10	0.79	0.000	PASS
Band4	20	20300	100	#0	16QAM	NV	20	-0.47	0.000	PASS
Band4	20	20300	100	#0	16QAM	NV	30	-1.09	-0.001	PASS
Band4	20	20300	100	#0	16QAM	NV	40	-0.49	0.000	PASS
Band4	20	20300	100	#0	16QAM	NV	50	-0.60	0.000	PASS



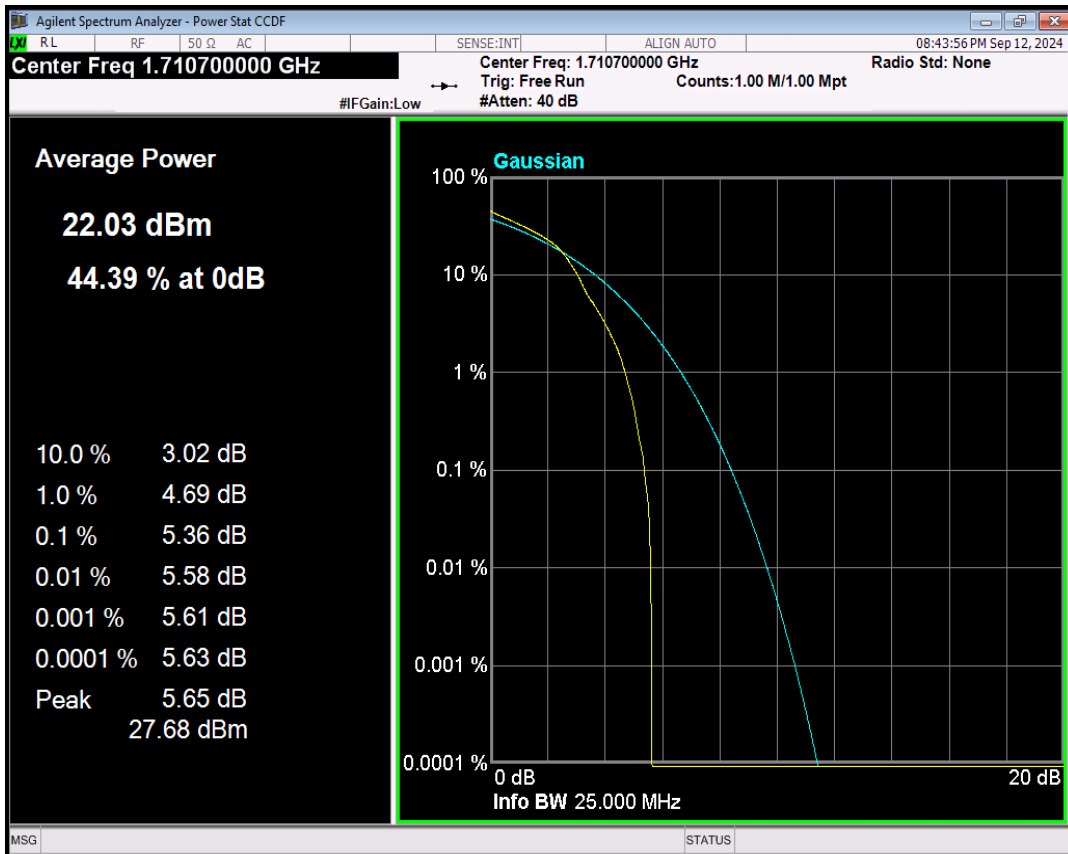
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	19957	1	#0	QPSK	4.40	13	PASS
Band4	1.4	19957	1	#0	16QAM	5.36	13	PASS
Band4	1.4	20175	1	#0	QPSK	5.26	13	PASS
Band4	1.4	20175	1	#0	16QAM	5.92	13	PASS
Band4	1.4	20393	1	#0	QPSK	3.89	13	PASS
Band4	1.4	20393	1	#0	16QAM	4.87	13	PASS
Band4	3	19965	1	#0	QPSK	4.46	13	PASS
Band4	3	19965	1	#0	16QAM	5.30	13	PASS
Band4	3	20175	1	#0	QPSK	5.25	13	PASS
Band4	3	20175	1	#0	16QAM	6.42	13	PASS
Band4	3	20385	1	#0	QPSK	4.09	13	PASS
Band4	3	20385	1	#0	16QAM	4.95	13	PASS
Band4	5	19975	1	#0	QPSK	4.41	13	PASS
Band4	5	19975	1	#0	16QAM	5.17	13	PASS
Band4	5	20175	1	#0	QPSK	5.36	13	PASS
Band4	5	20175	1	#0	16QAM	5.80	13	PASS
Band4	5	20375	1	#0	QPSK	4.28	13	PASS
Band4	5	20375	1	#0	16QAM	4.98	13	PASS
Band4	10	20000	1	#0	QPSK	4.19	13	PASS
Band4	10	20000	1	#0	16QAM	5.10	13	PASS
Band4	10	20175	1	#0	QPSK	8.42	13	PASS
Band4	10	20175	1	#0	16QAM	8.44	13	PASS
Band4	10	20350	1	#0	QPSK	8.44	13	PASS
Band4	10	20350	1	#0	16QAM	8.40	13	PASS
Band4	15	20025	1	#0	QPSK	4.32	13	PASS
Band4	15	20025	1	#0	16QAM	5.18	13	PASS
Band4	15	20175	1	#0	QPSK	4.95	13	PASS
Band4	15	20175	1	#0	16QAM	5.78	13	PASS
Band4	15	20325	1	#0	QPSK	4.15	13	PASS
Band4	15	20325	1	#0	16QAM	4.96	13	PASS
Band4	20	20050	1	#0	QPSK	4.44	13	PASS
Band4	20	20050	1	#0	16QAM	5.37	13	PASS
Band4	20	20175	1	#0	QPSK	4.50	13	PASS
Band4	20	20175	1	#0	16QAM	5.11	13	PASS
Band4	20	20300	1	#0	QPSK	4.89	13	PASS
Band4	20	20300	1	#0	16QAM	5.67	13	PASS

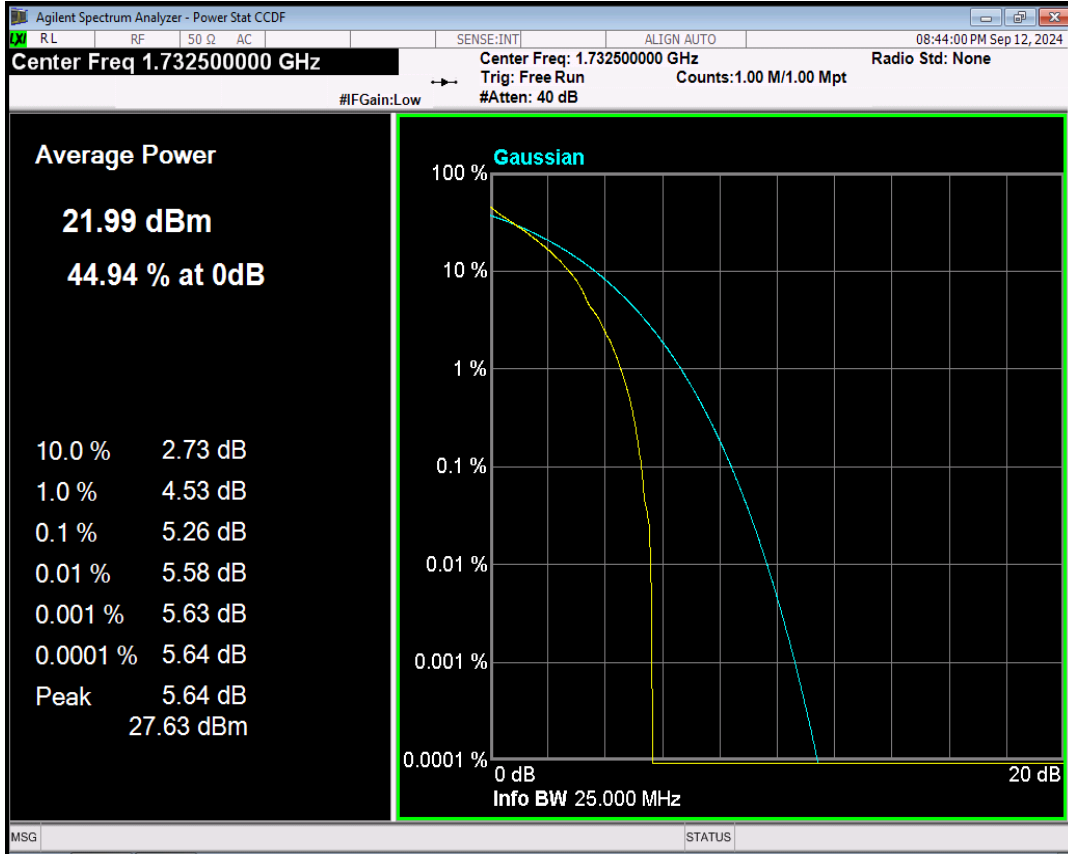
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



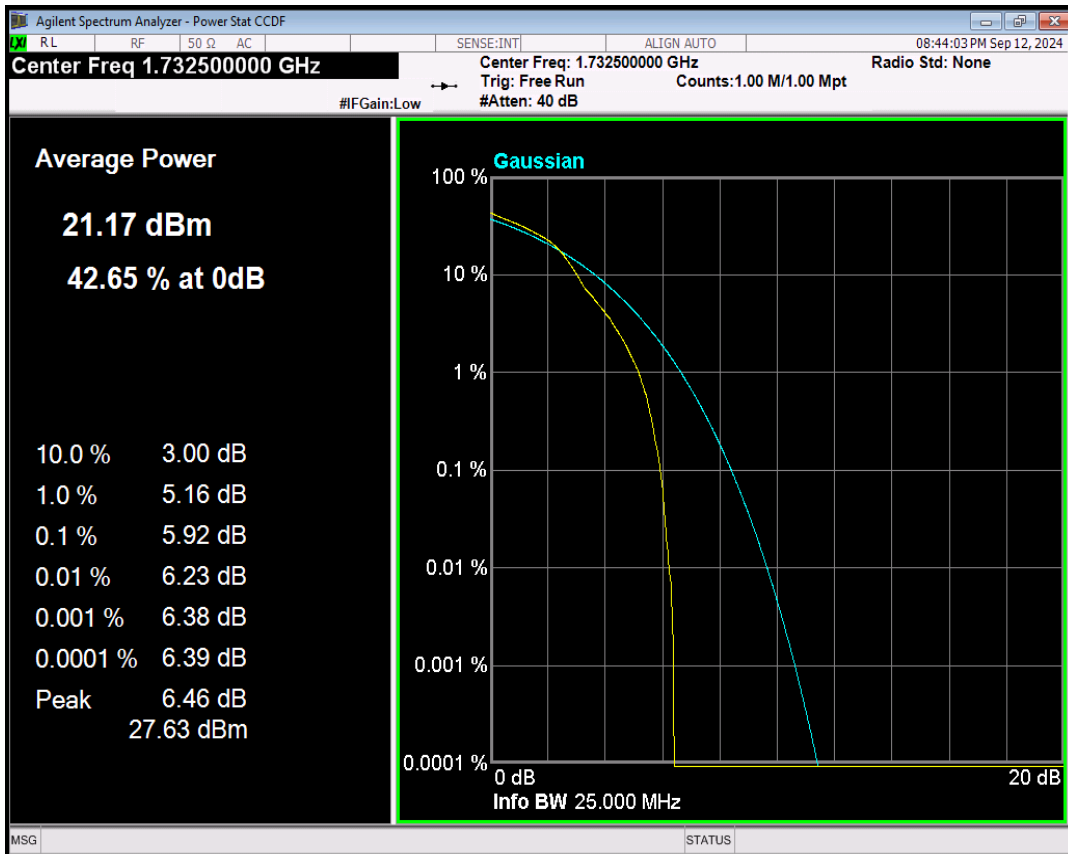
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0



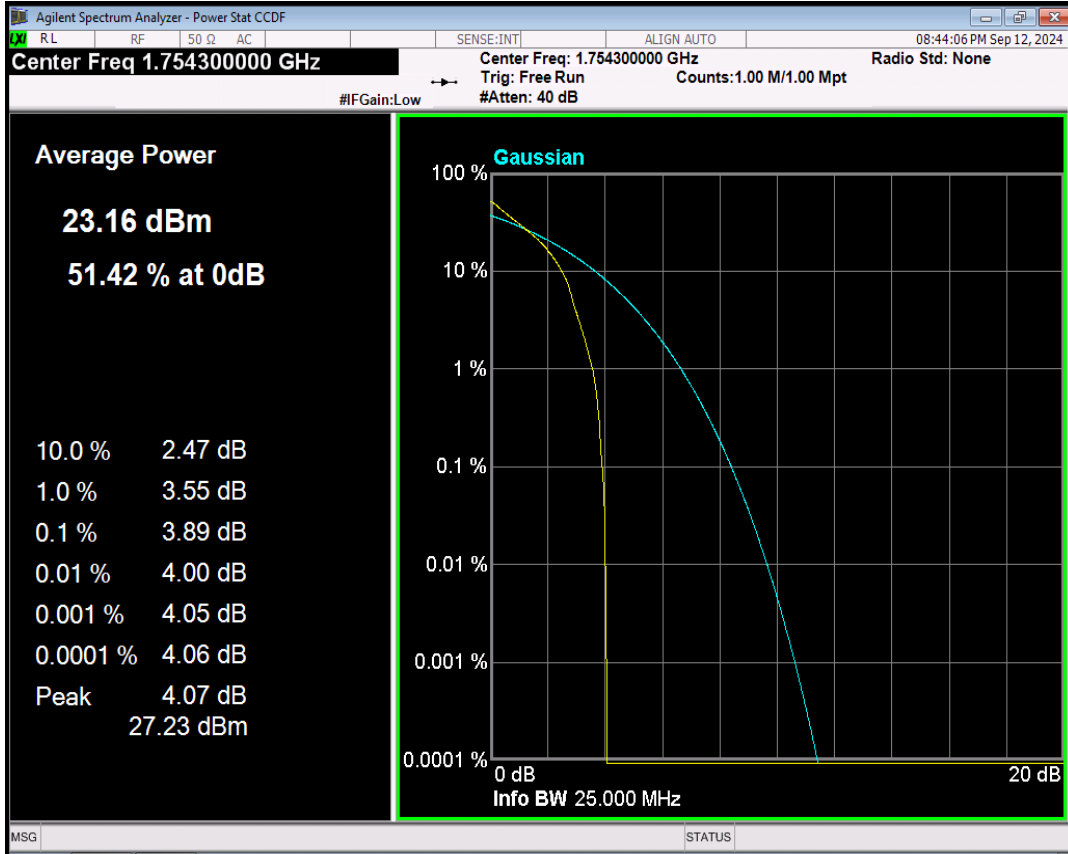
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



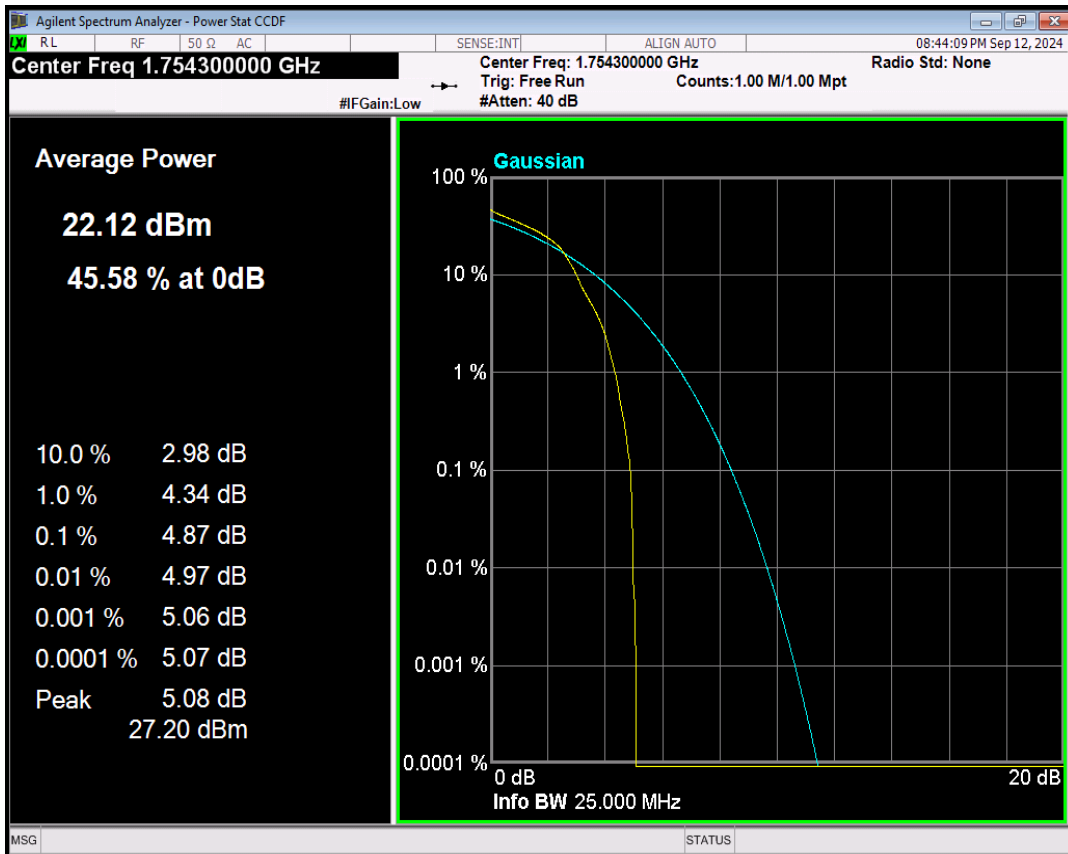
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



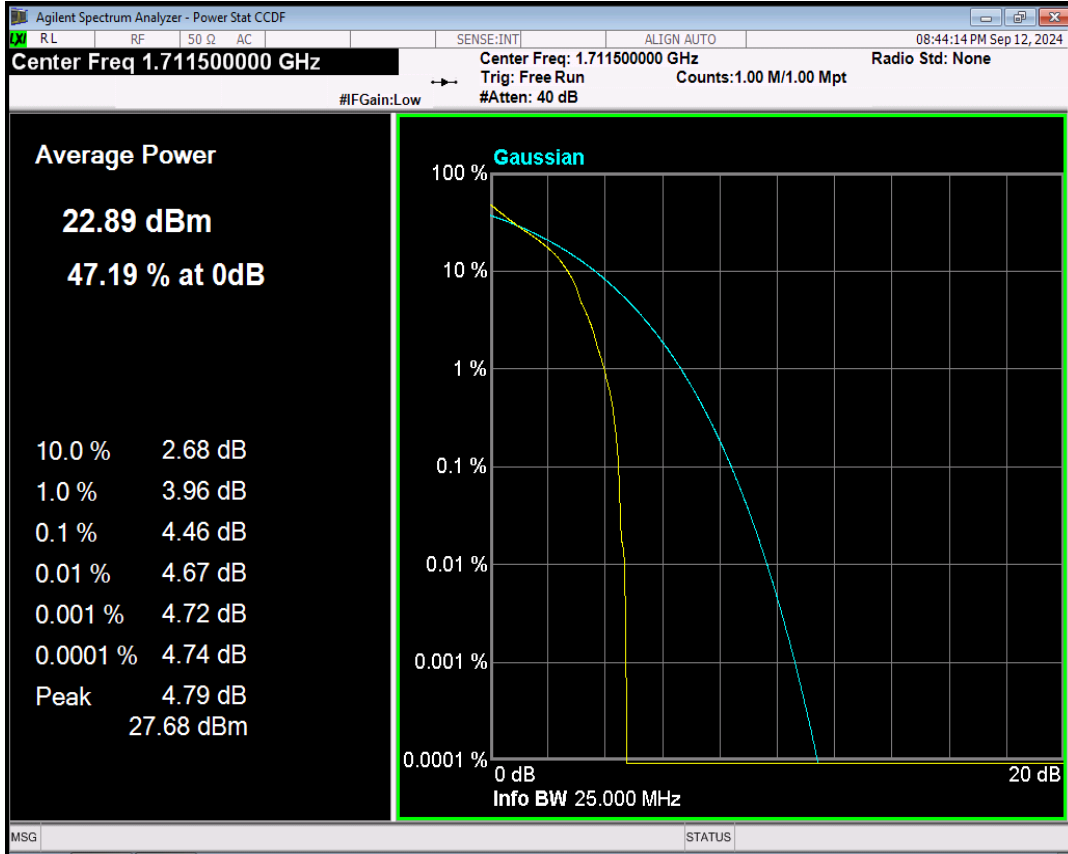
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



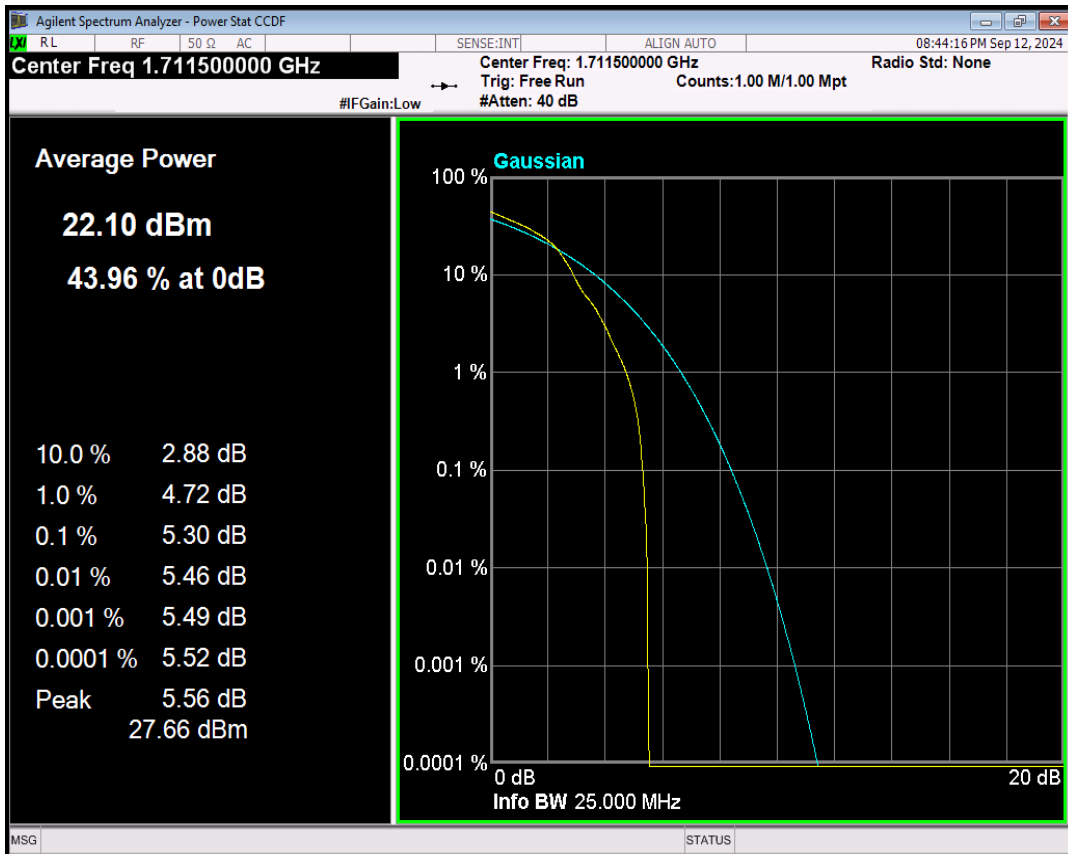
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



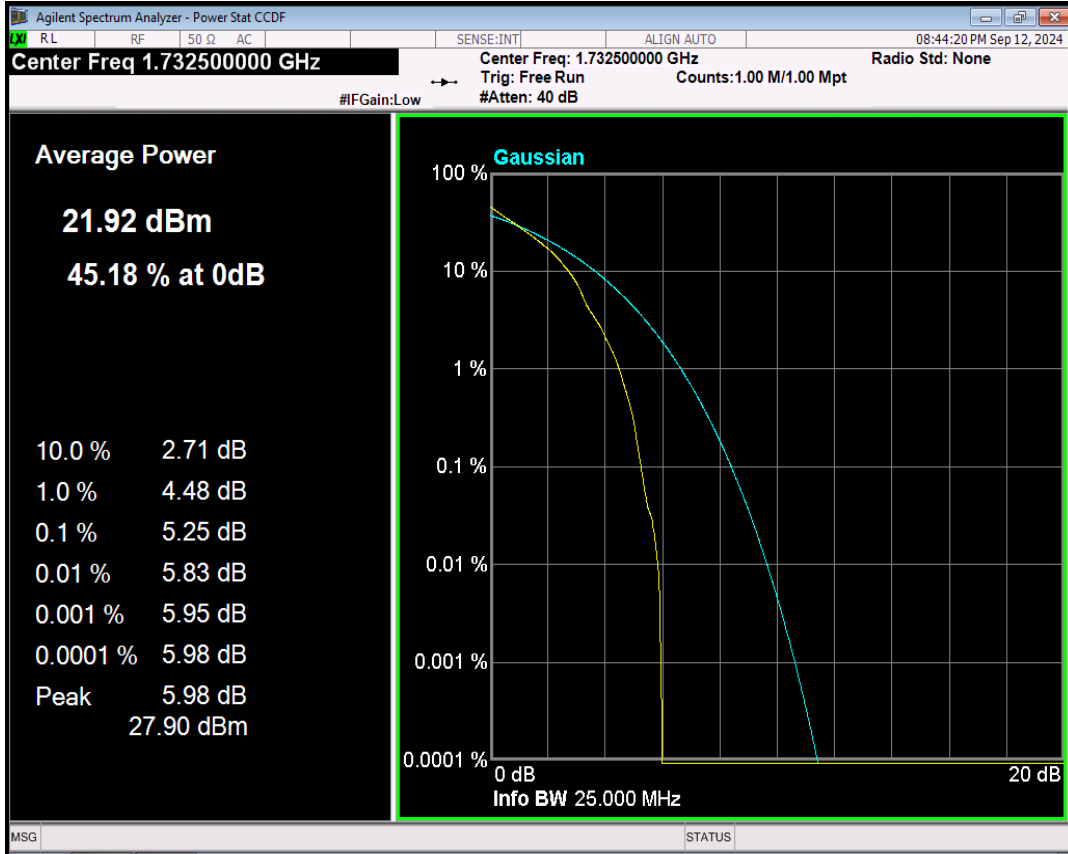
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



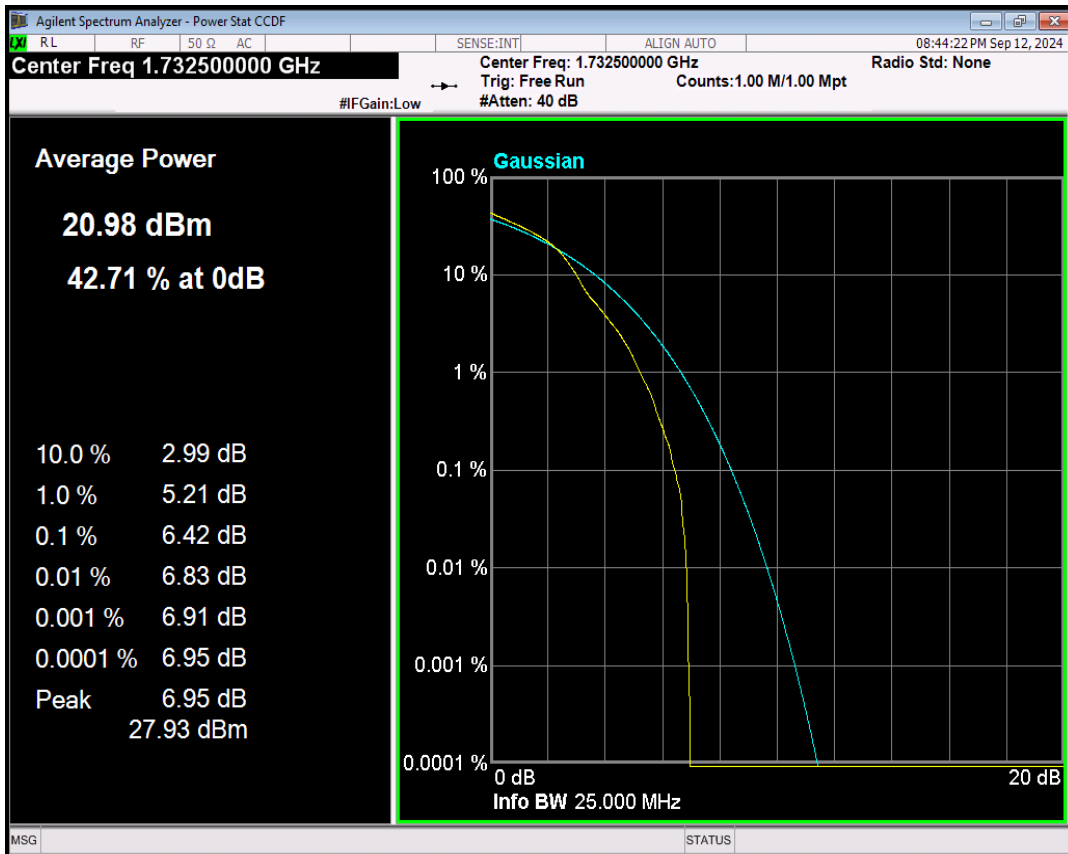
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



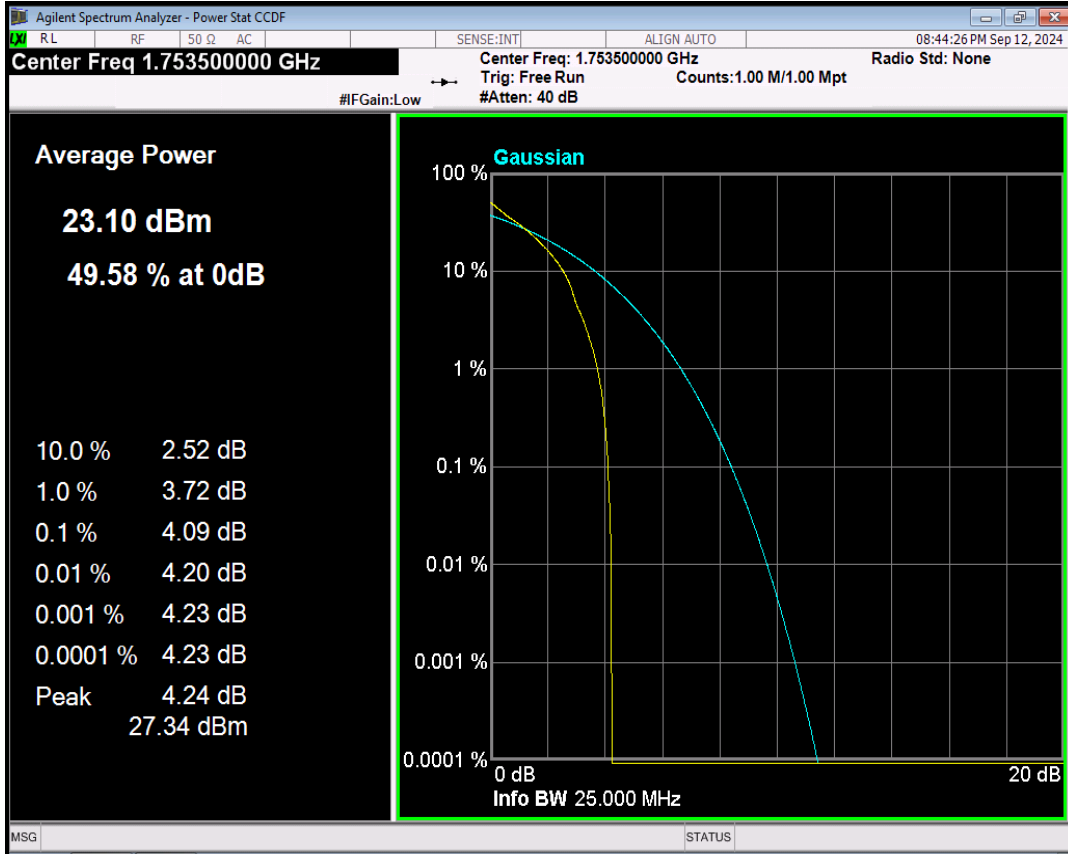
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



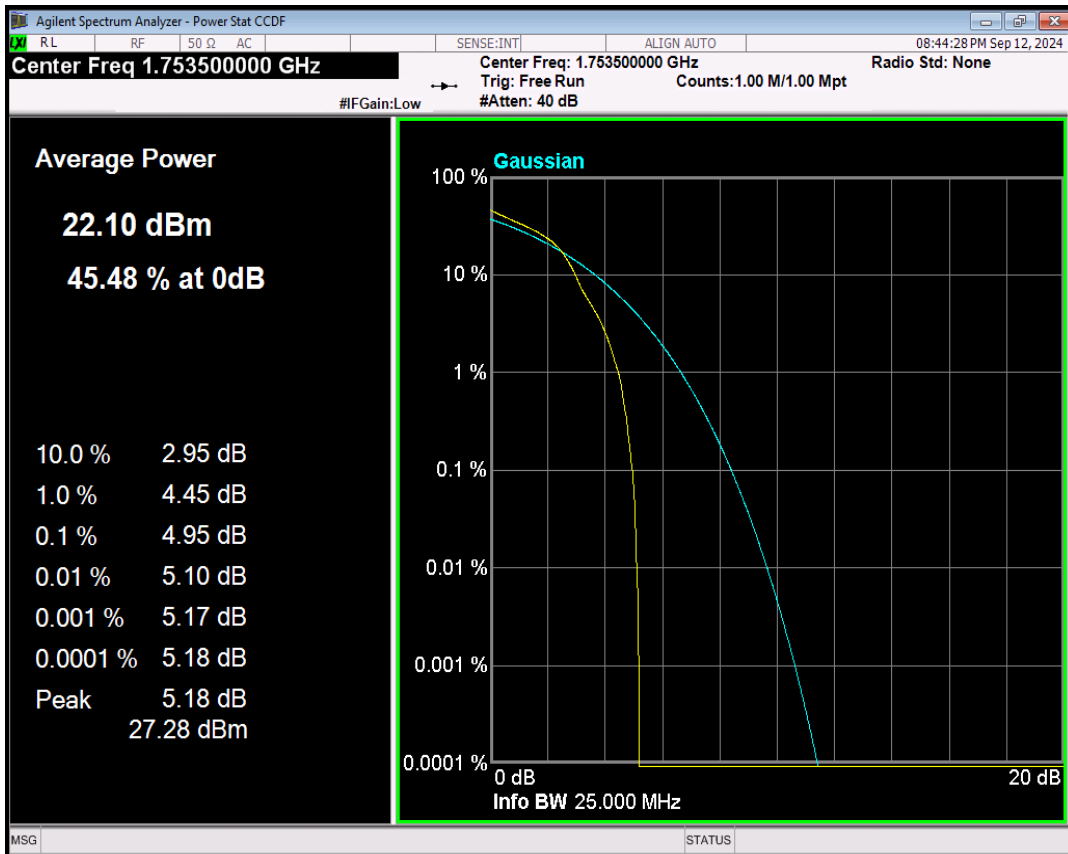
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



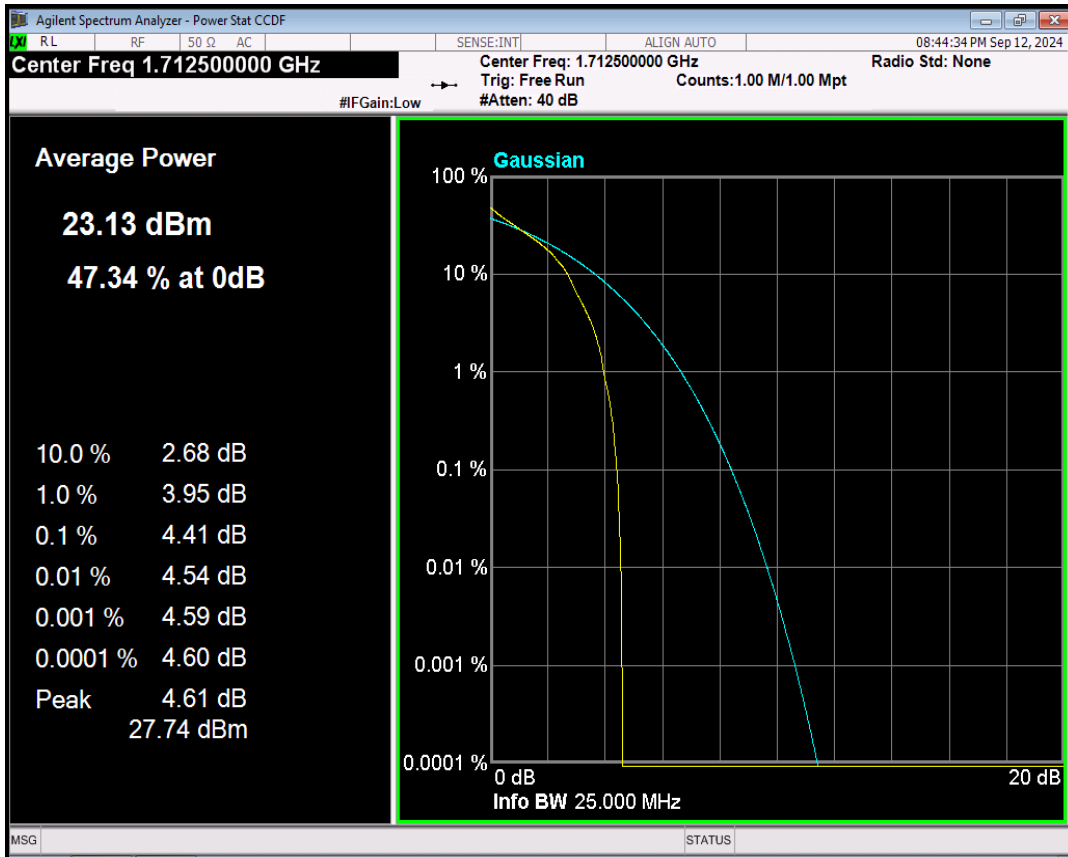
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



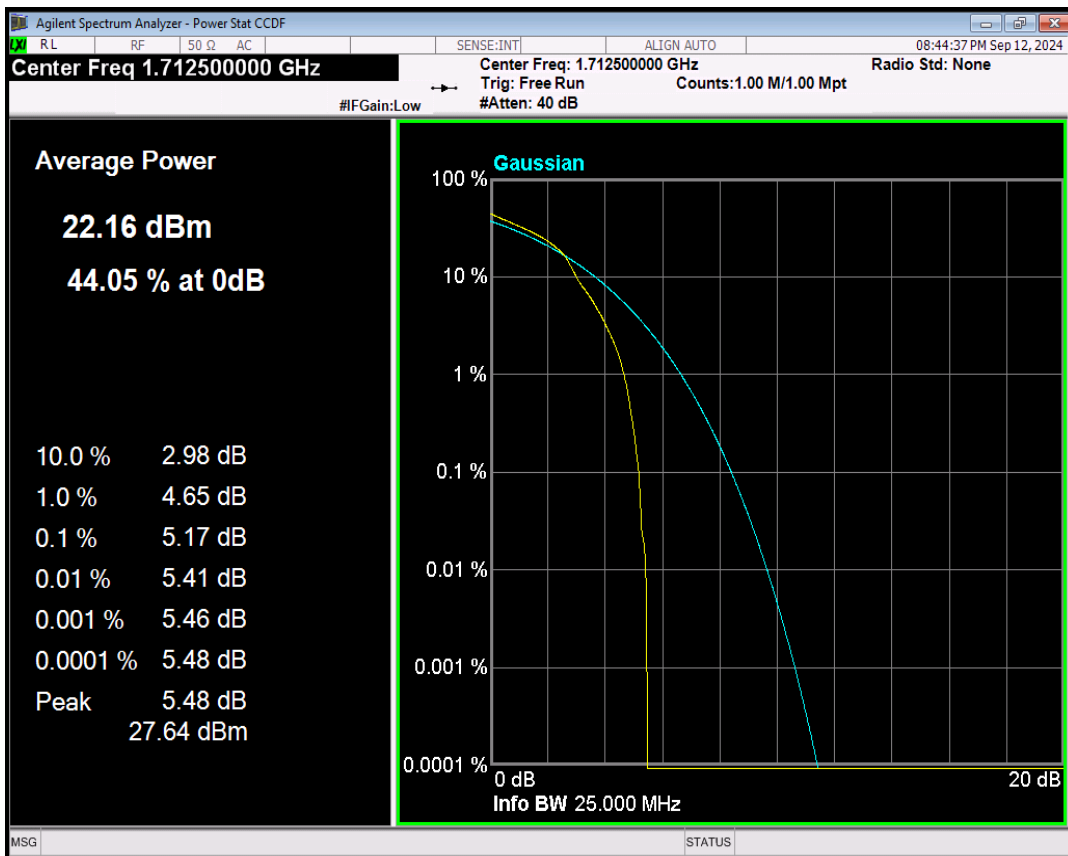
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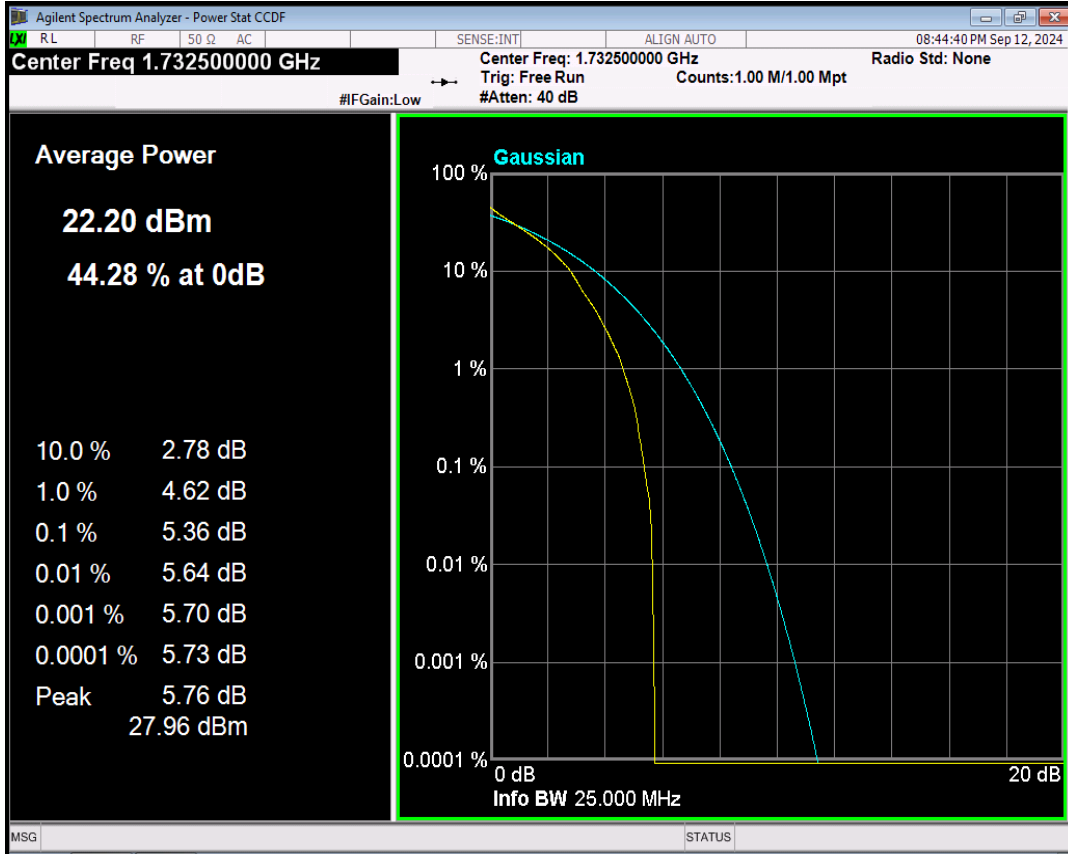
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



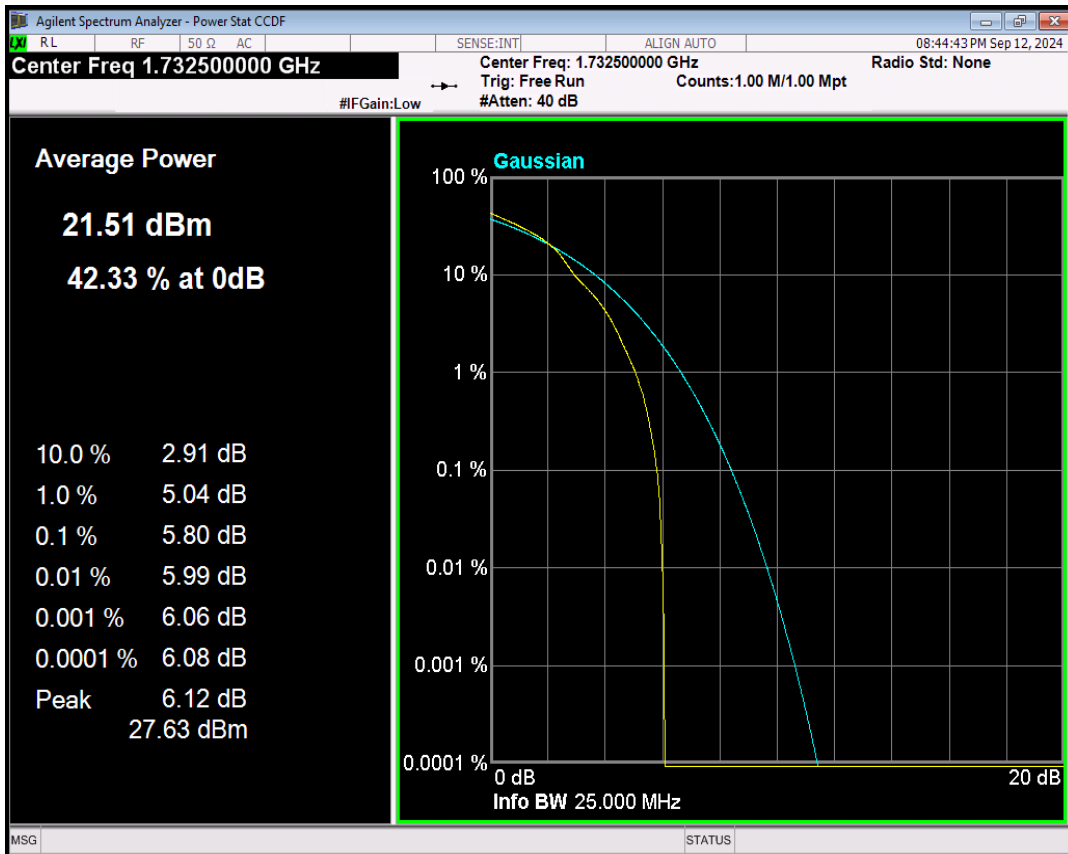
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



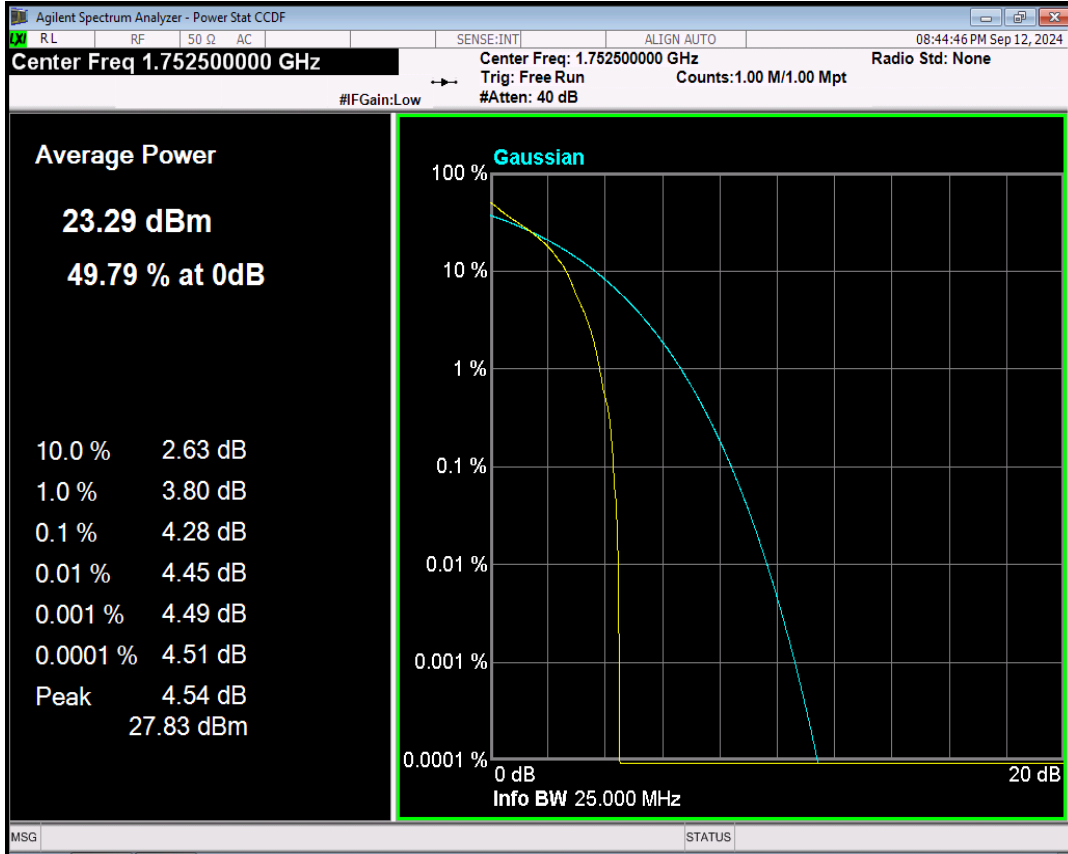
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



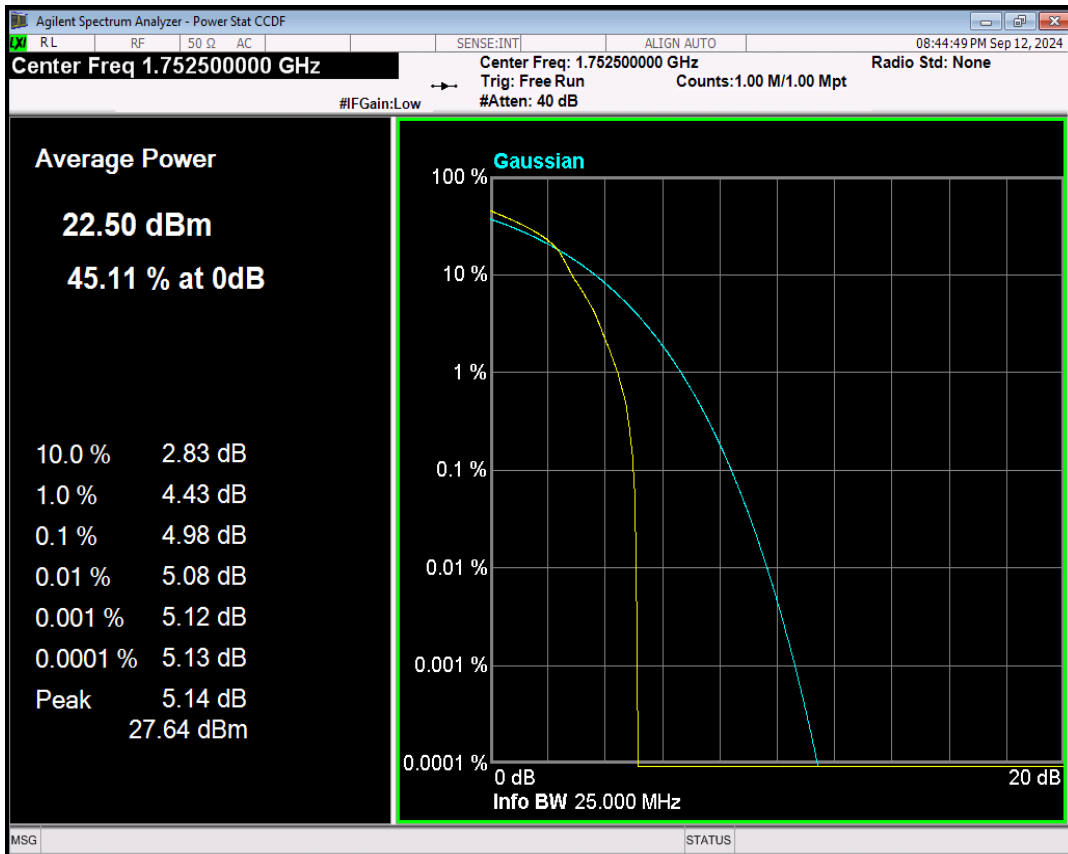
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



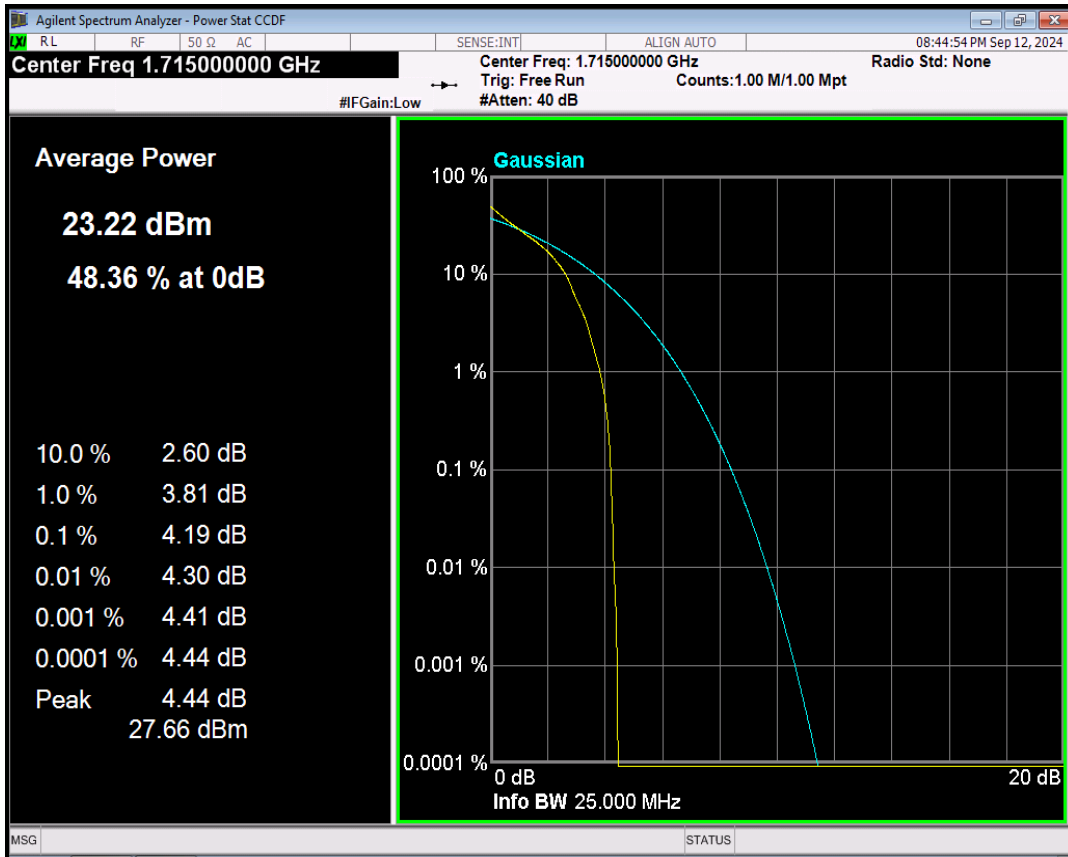
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



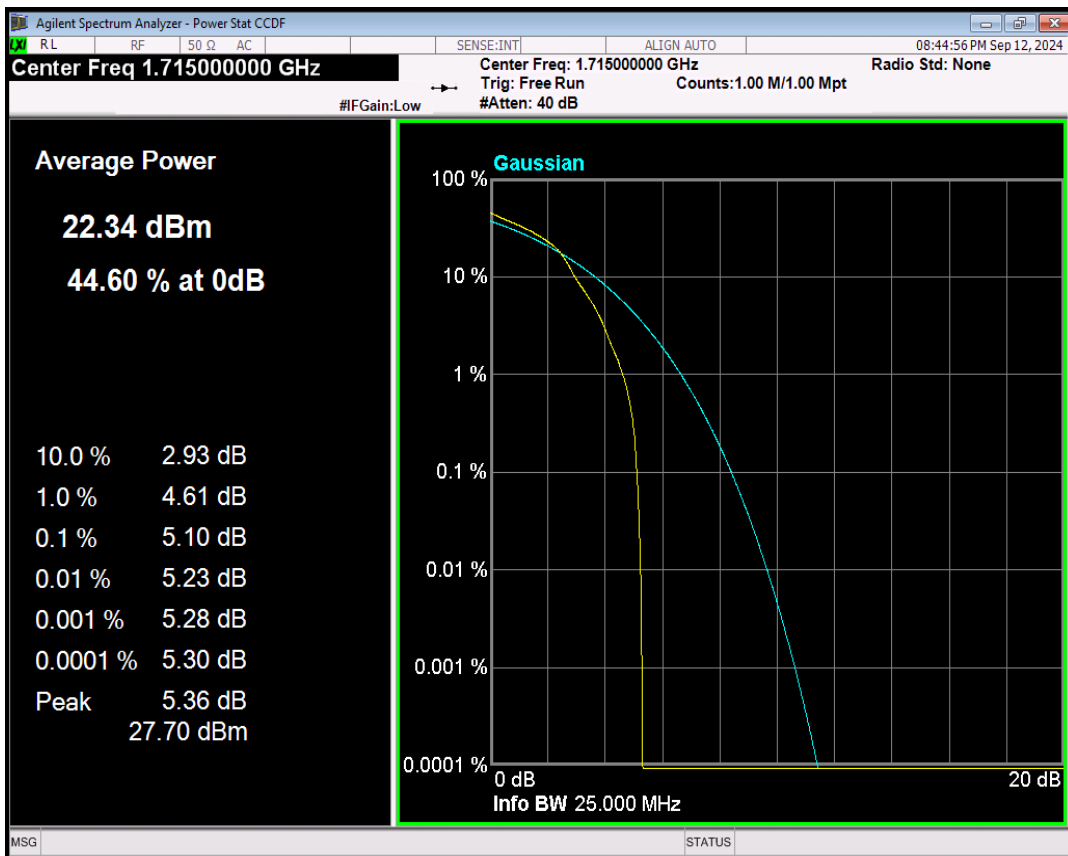
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



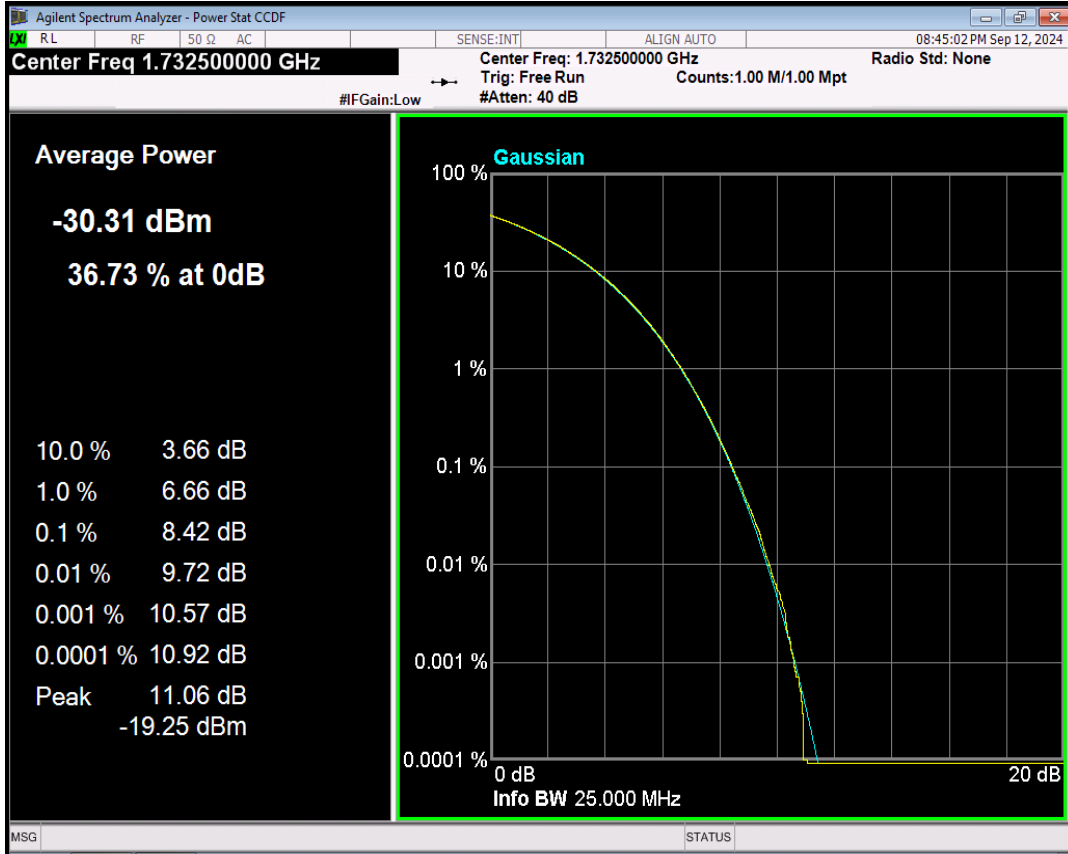
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



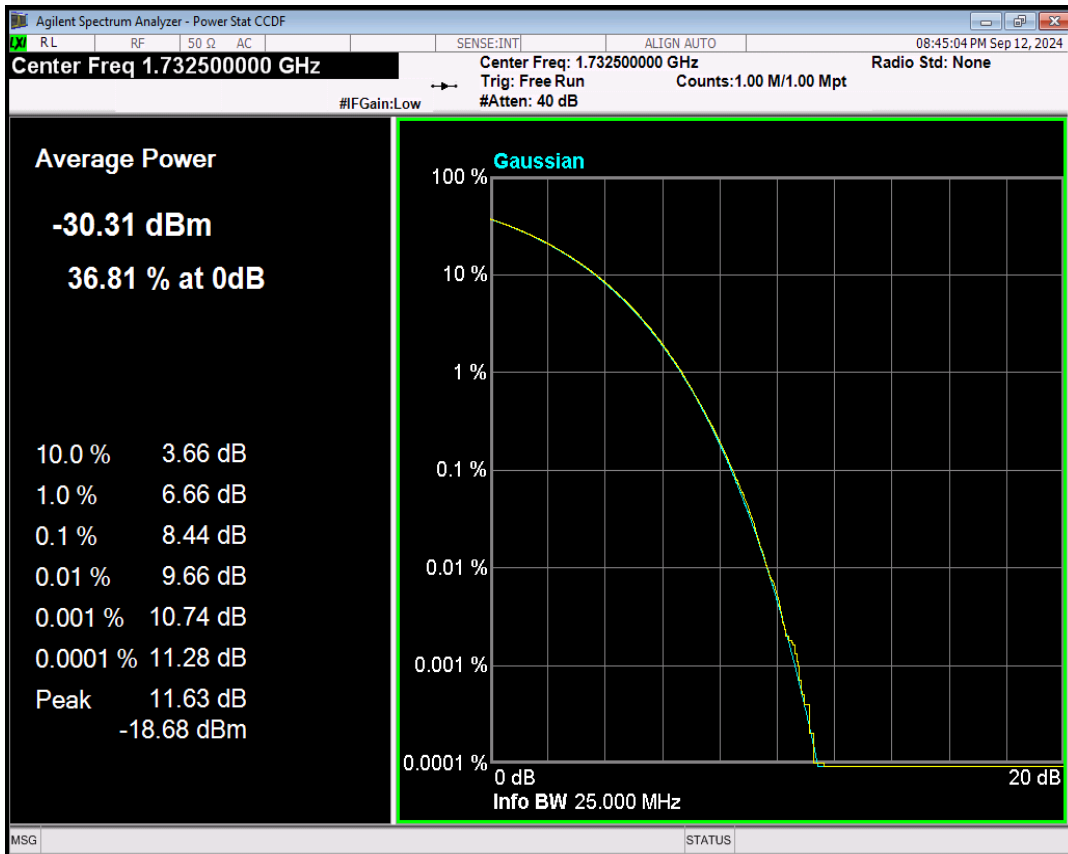
Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



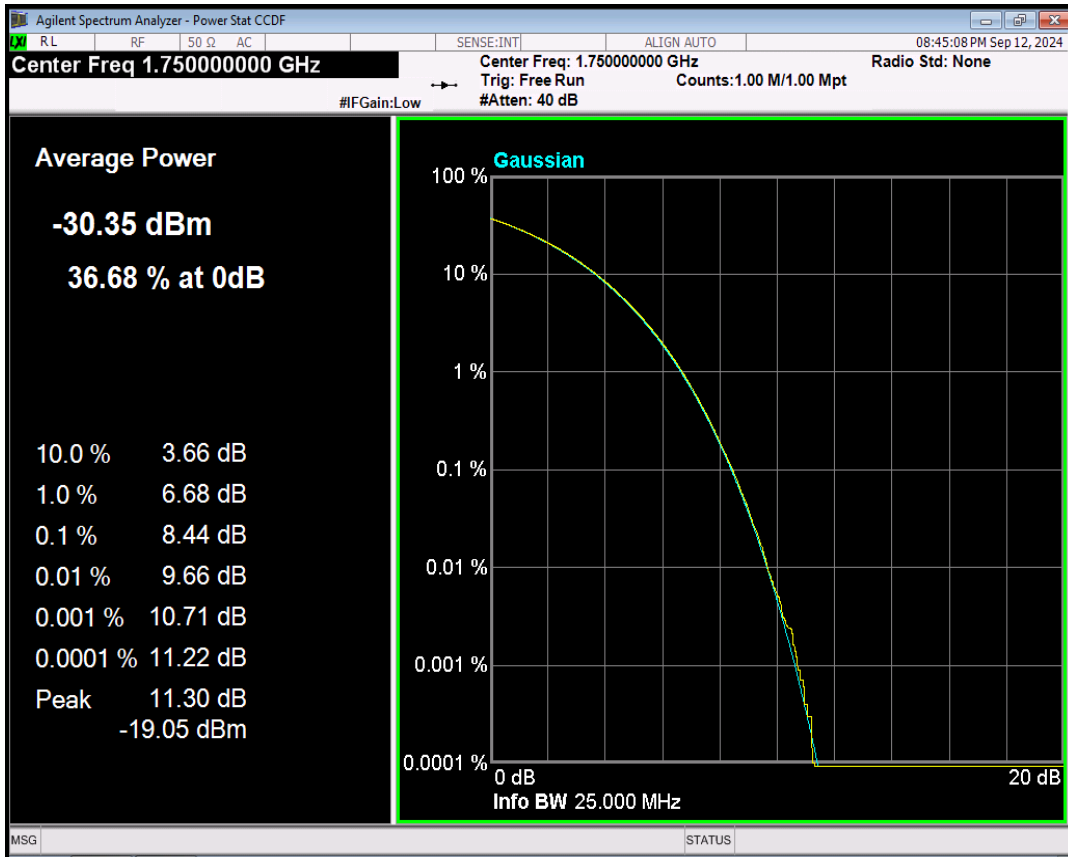
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



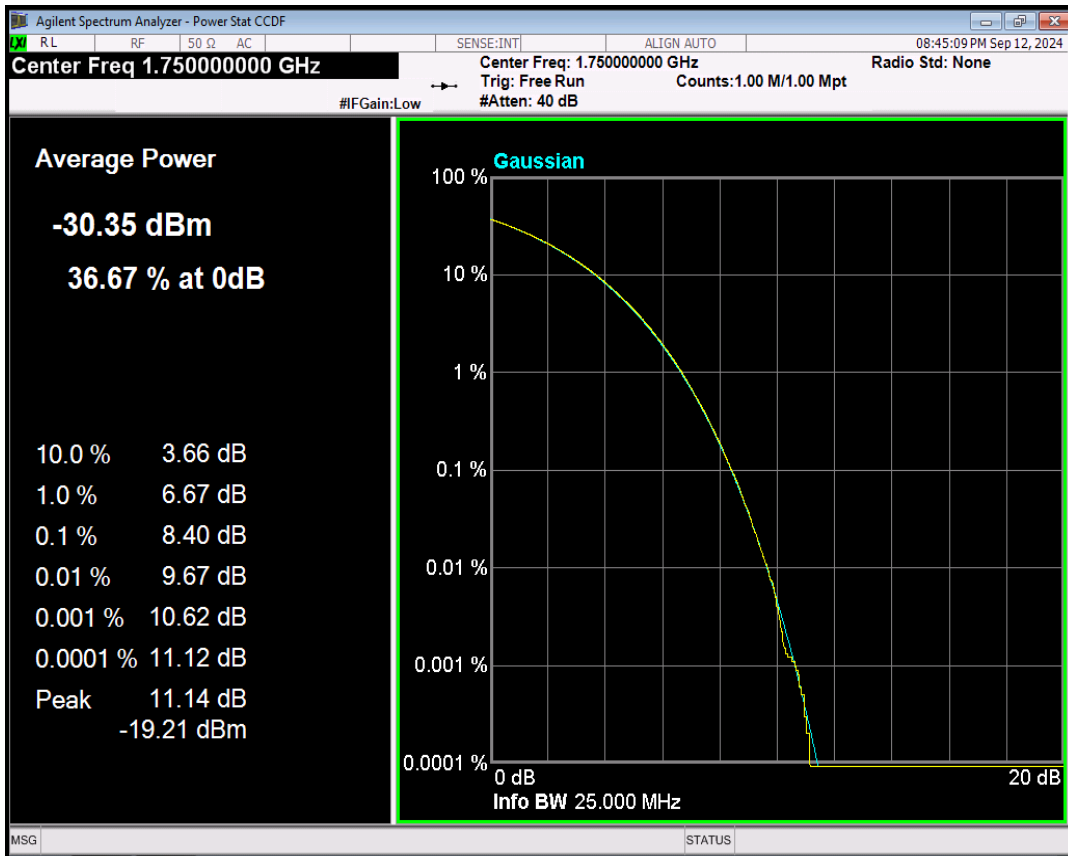
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



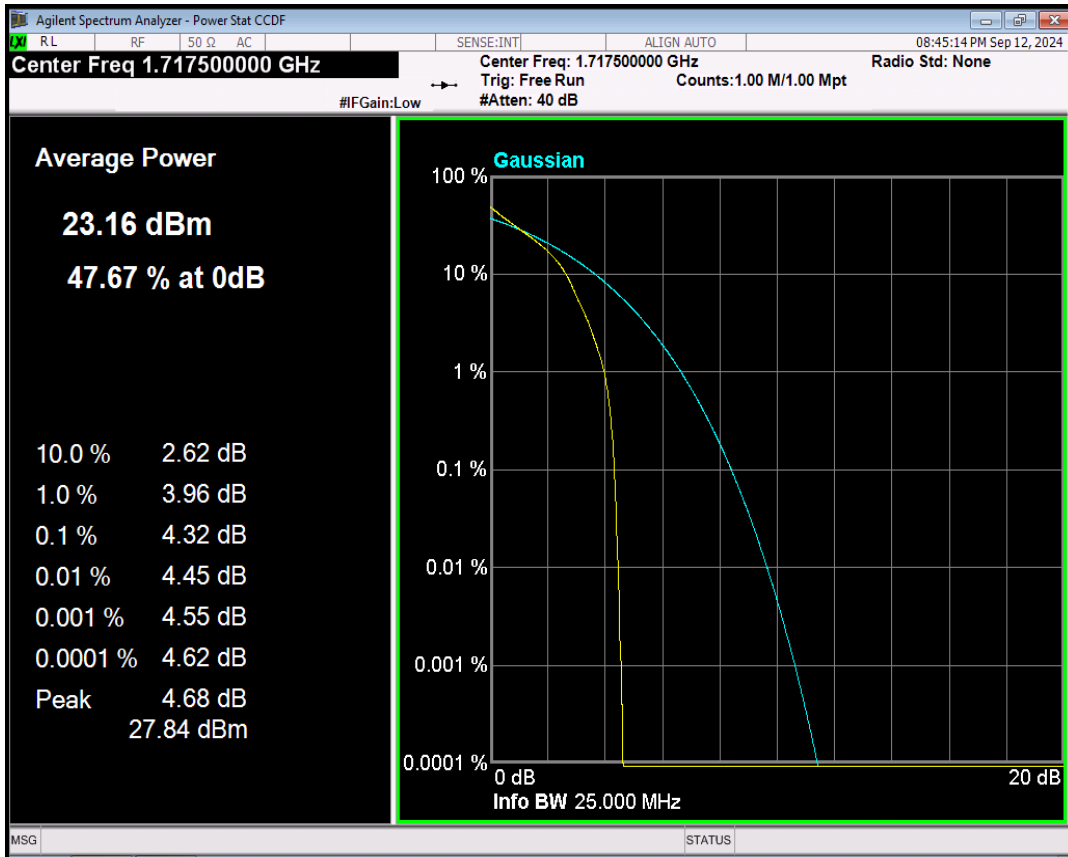
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



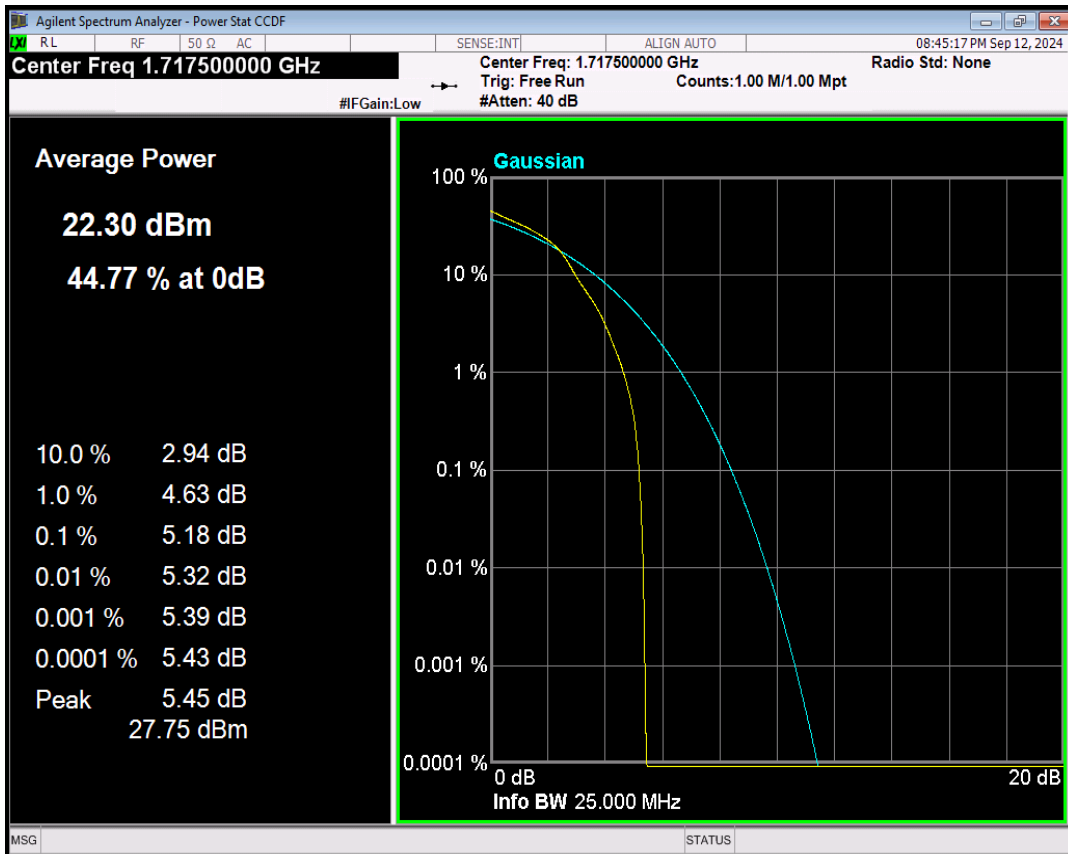
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



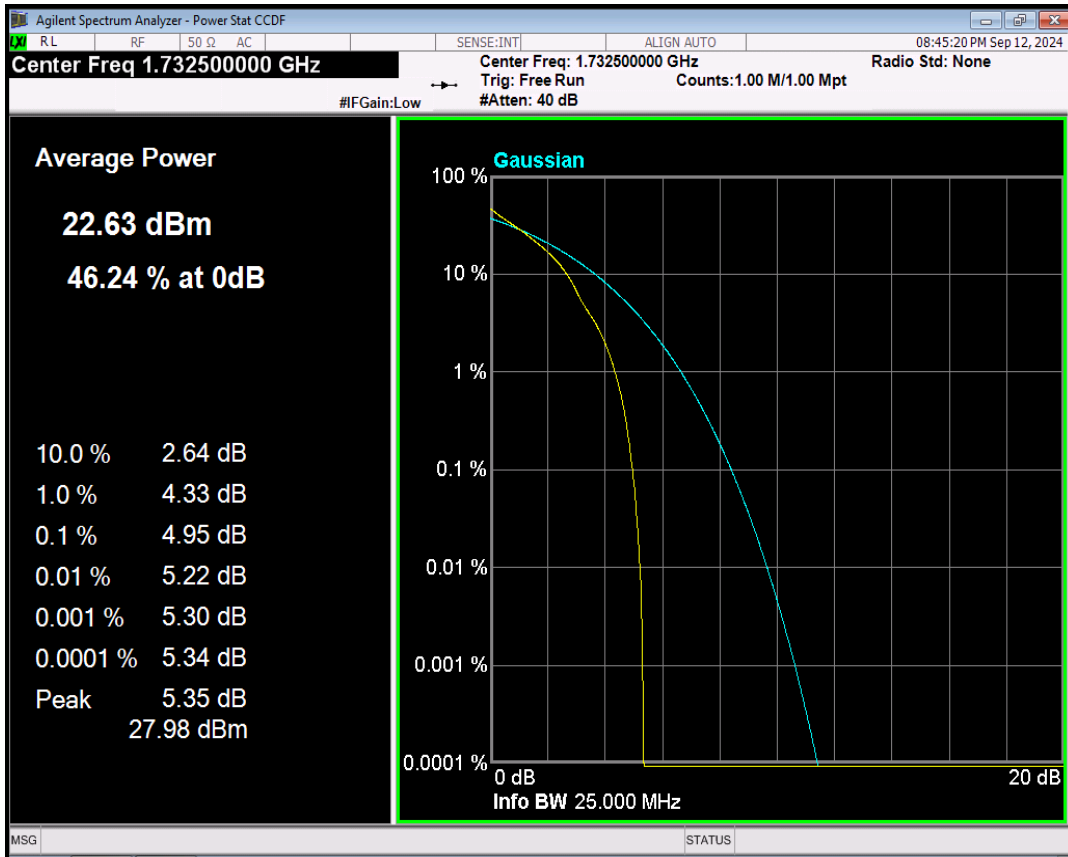
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



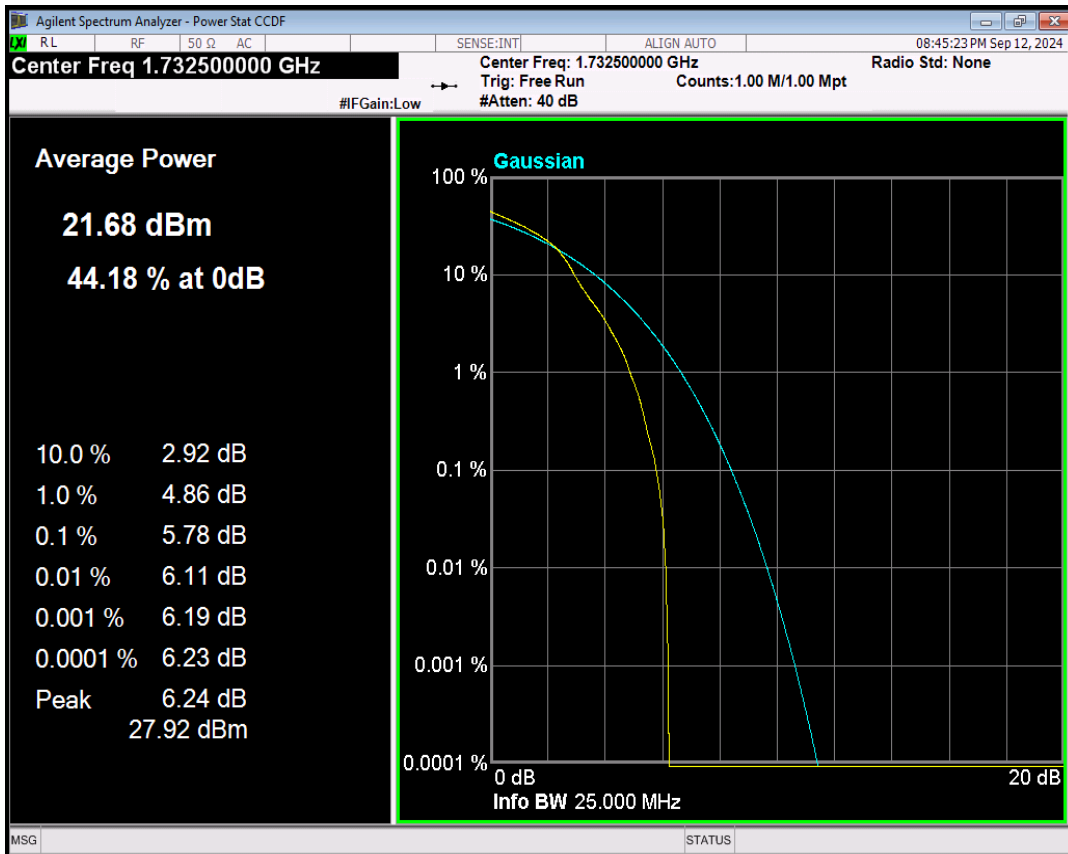
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



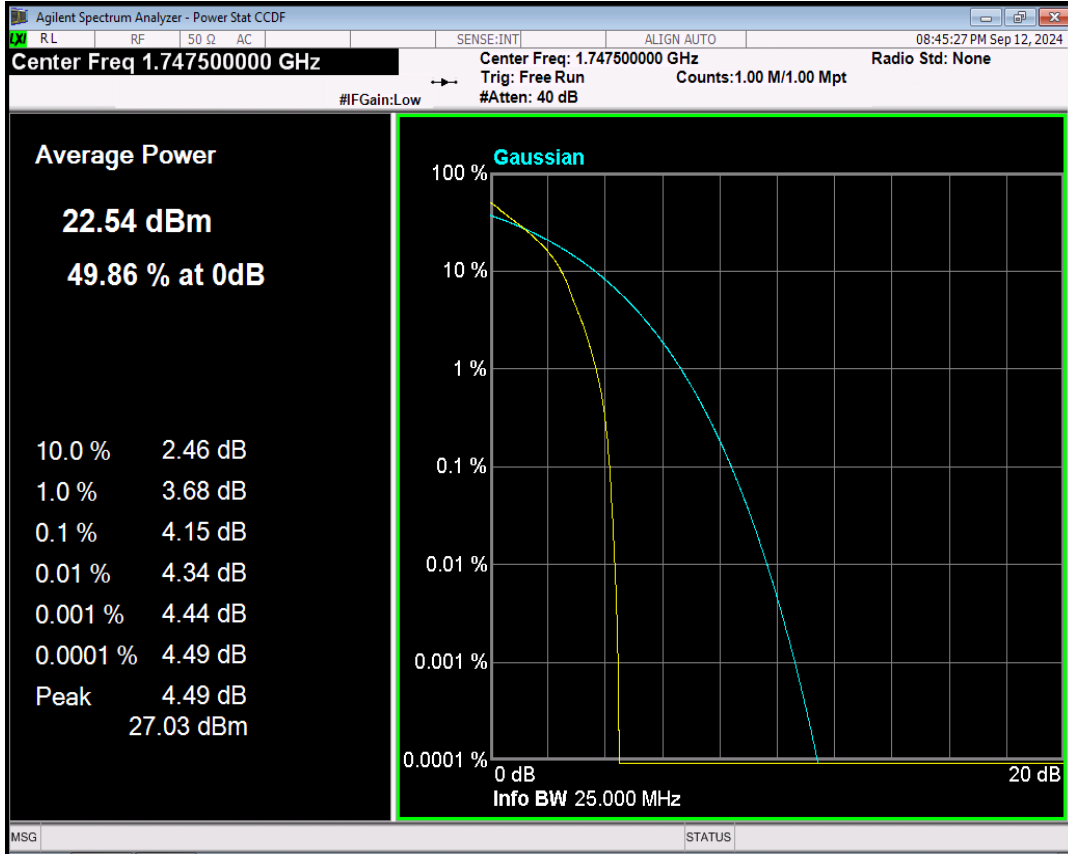
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



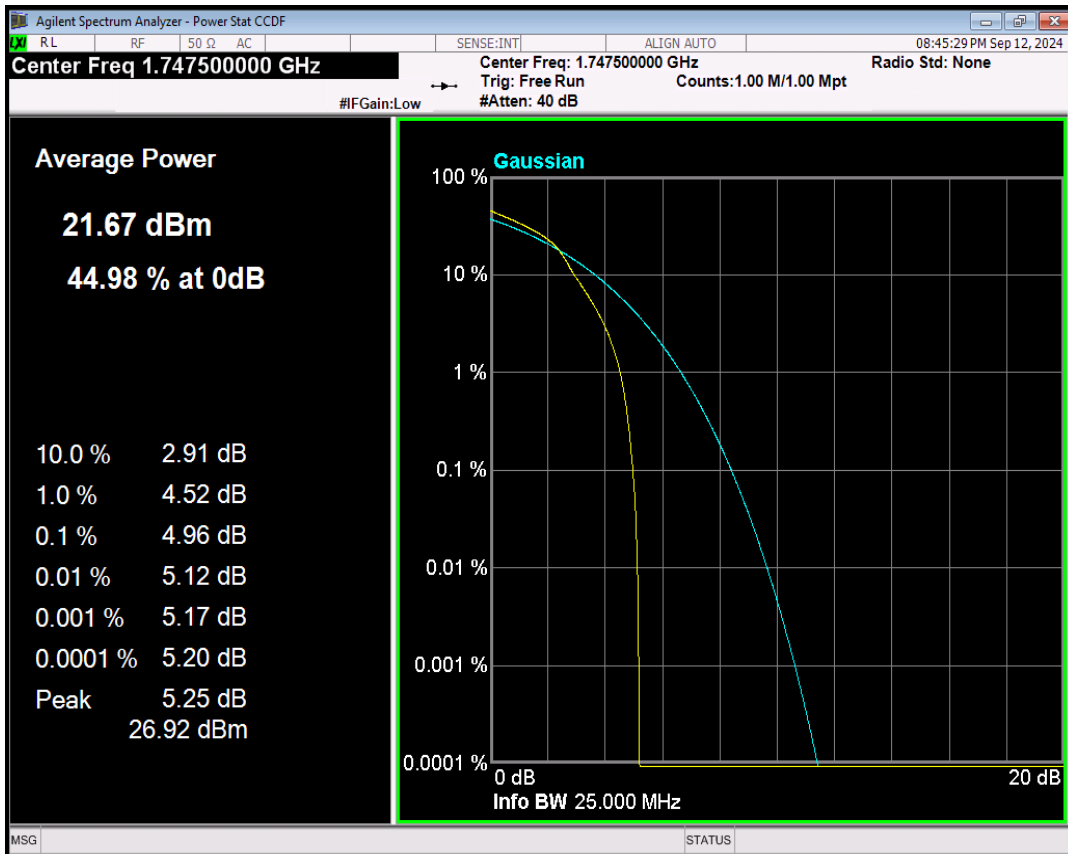
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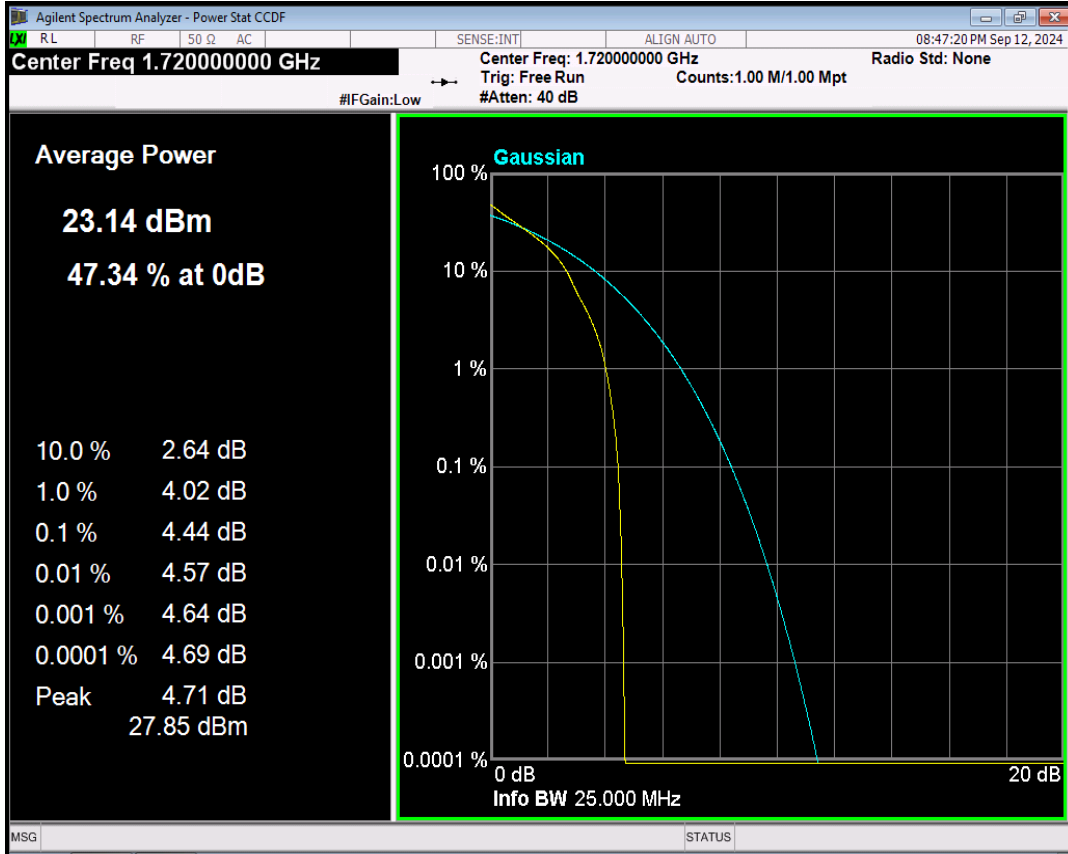
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



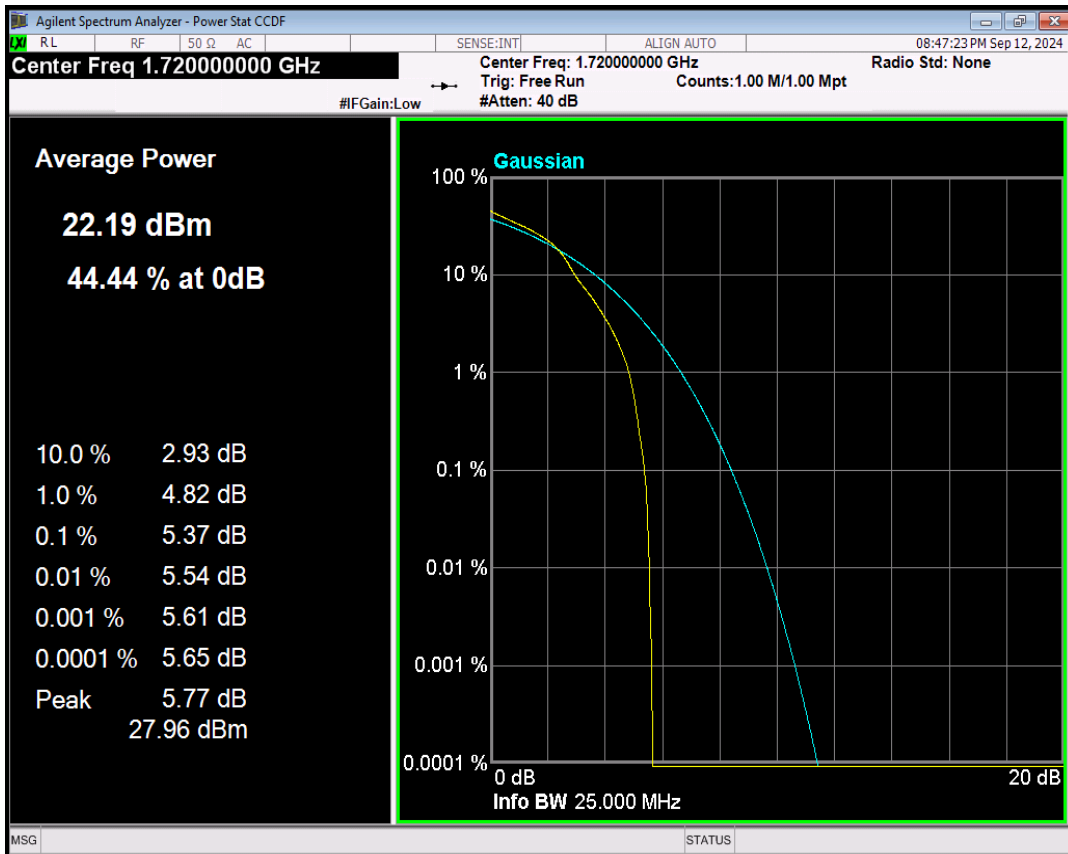
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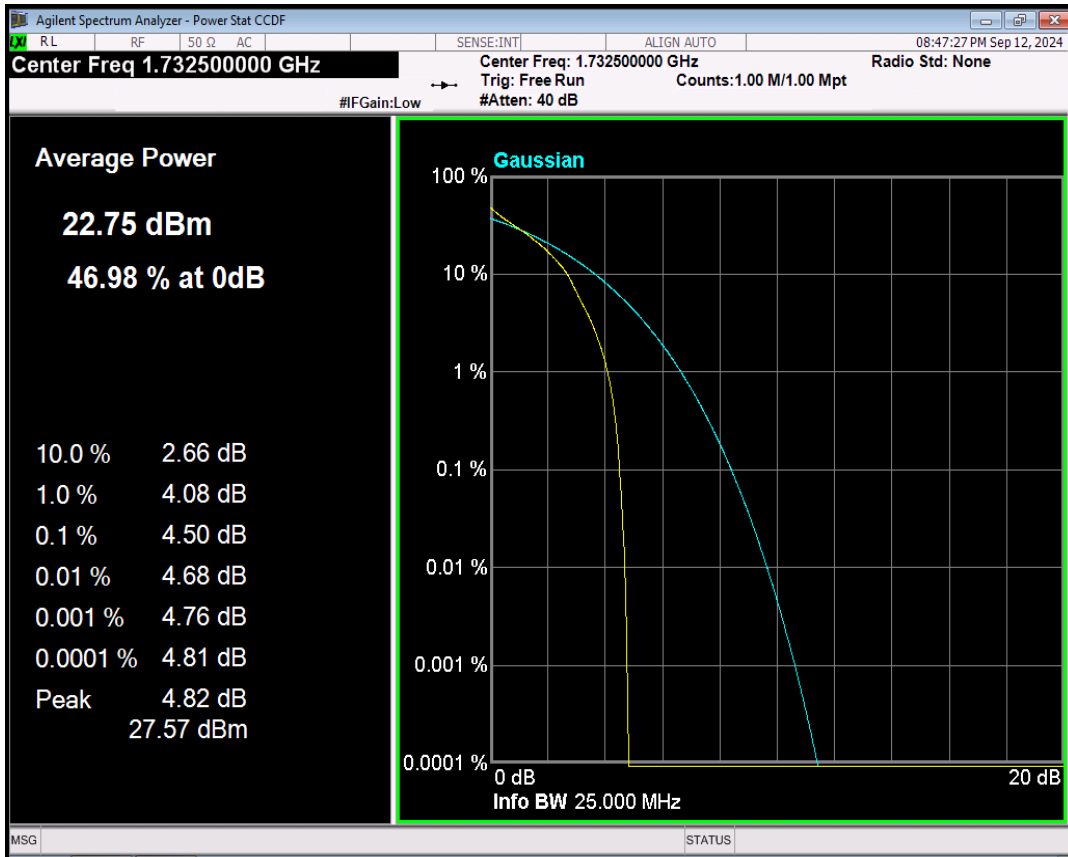
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



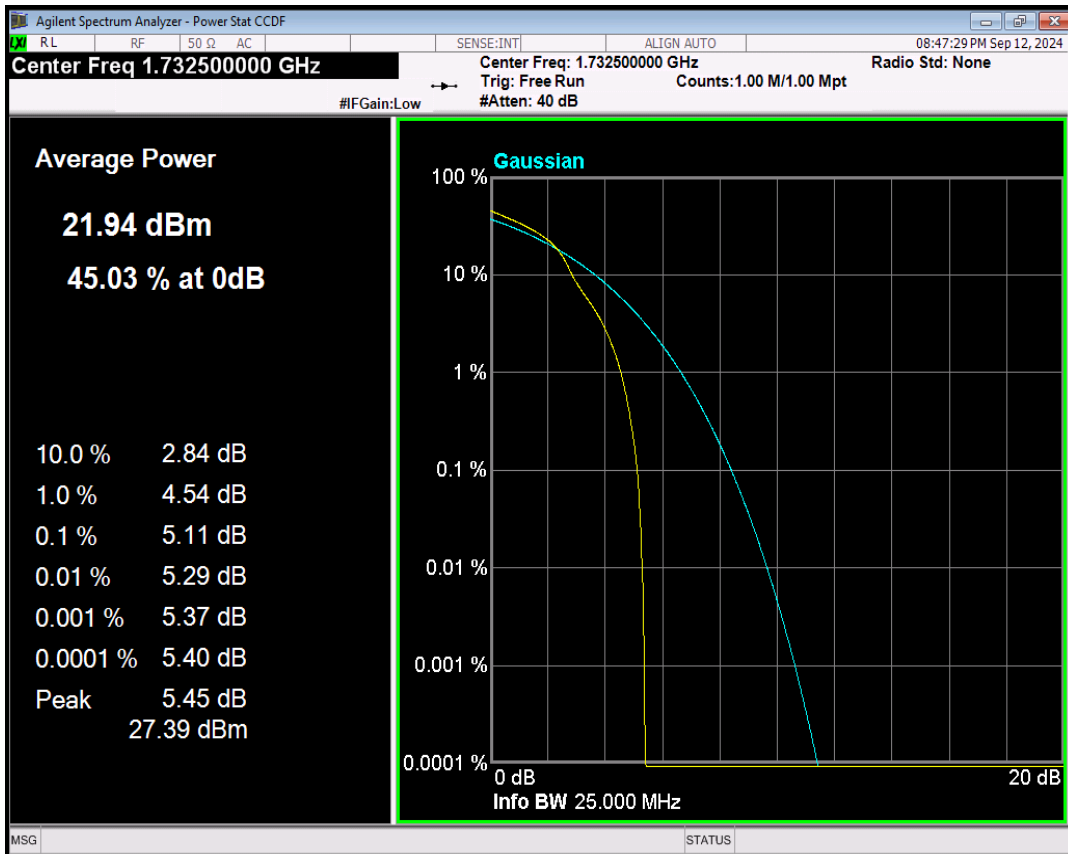
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



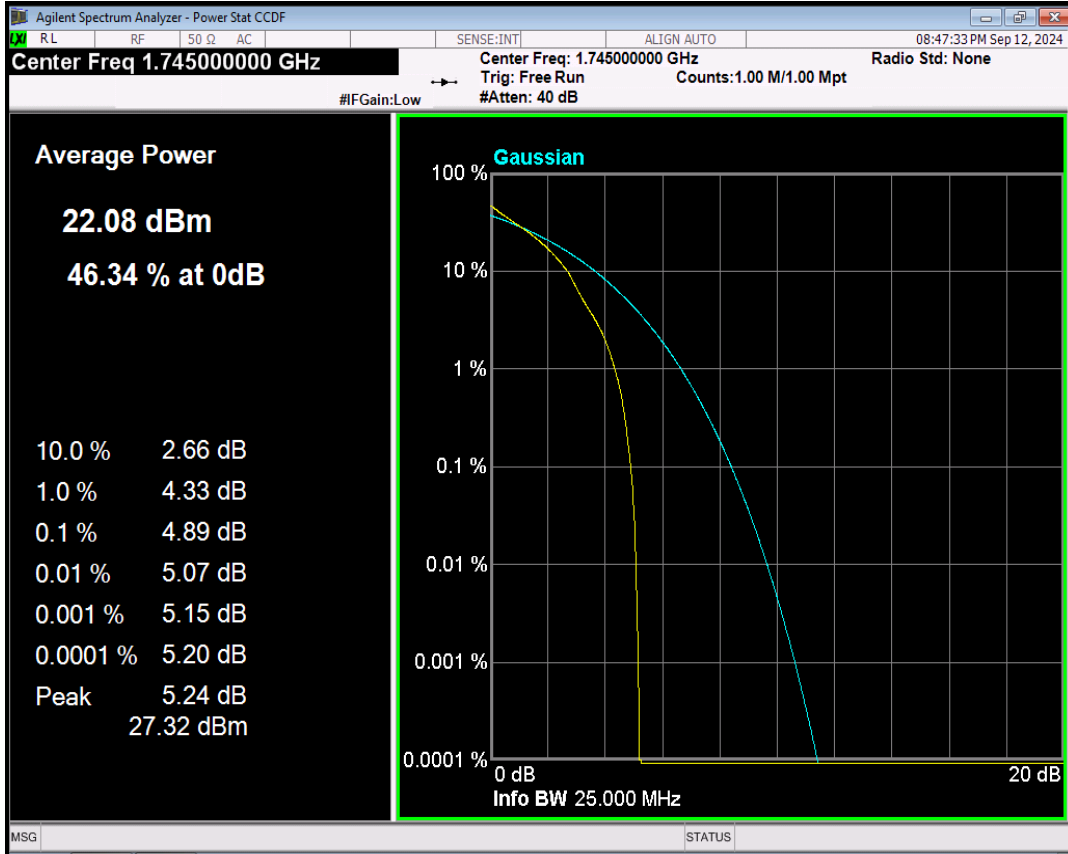
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



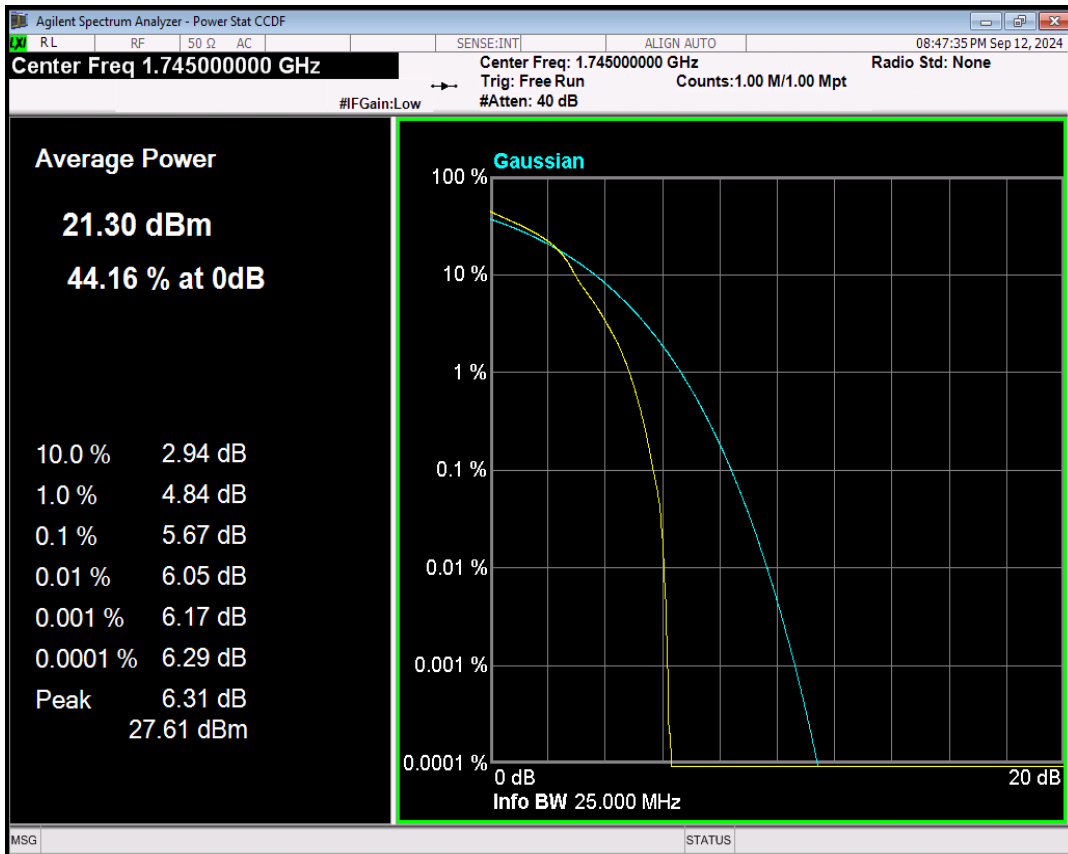
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



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



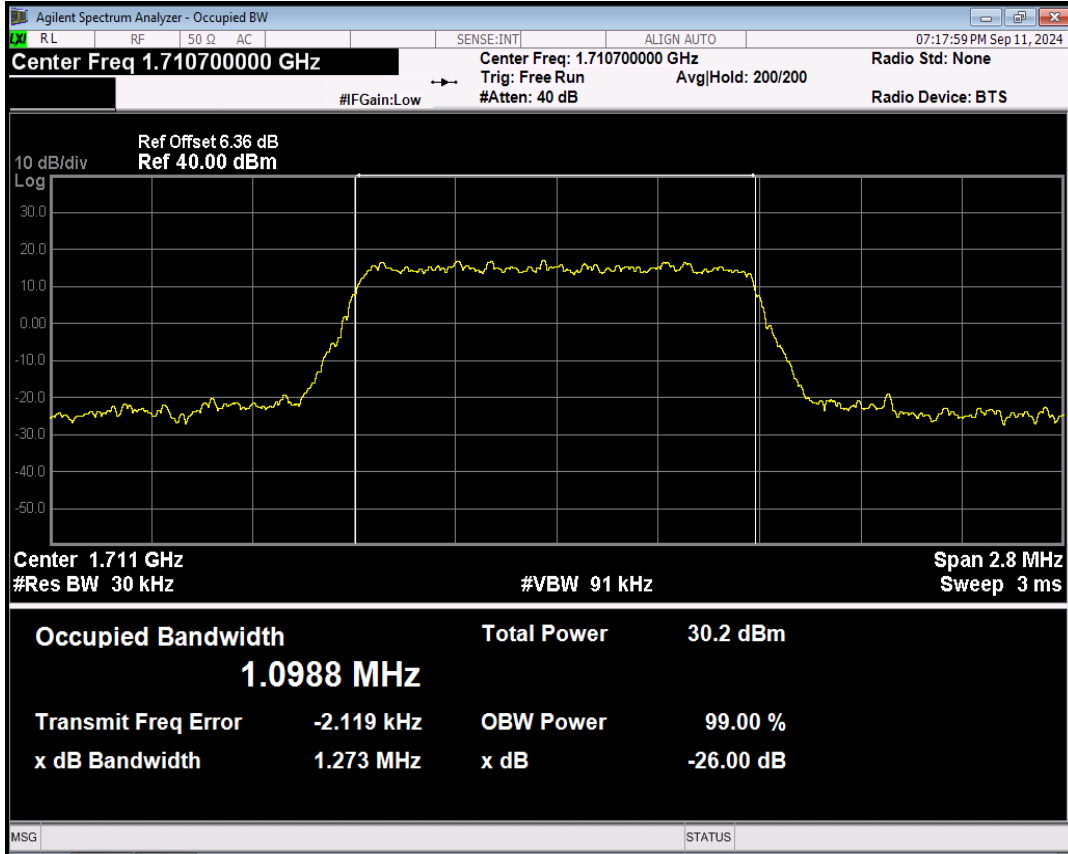
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0



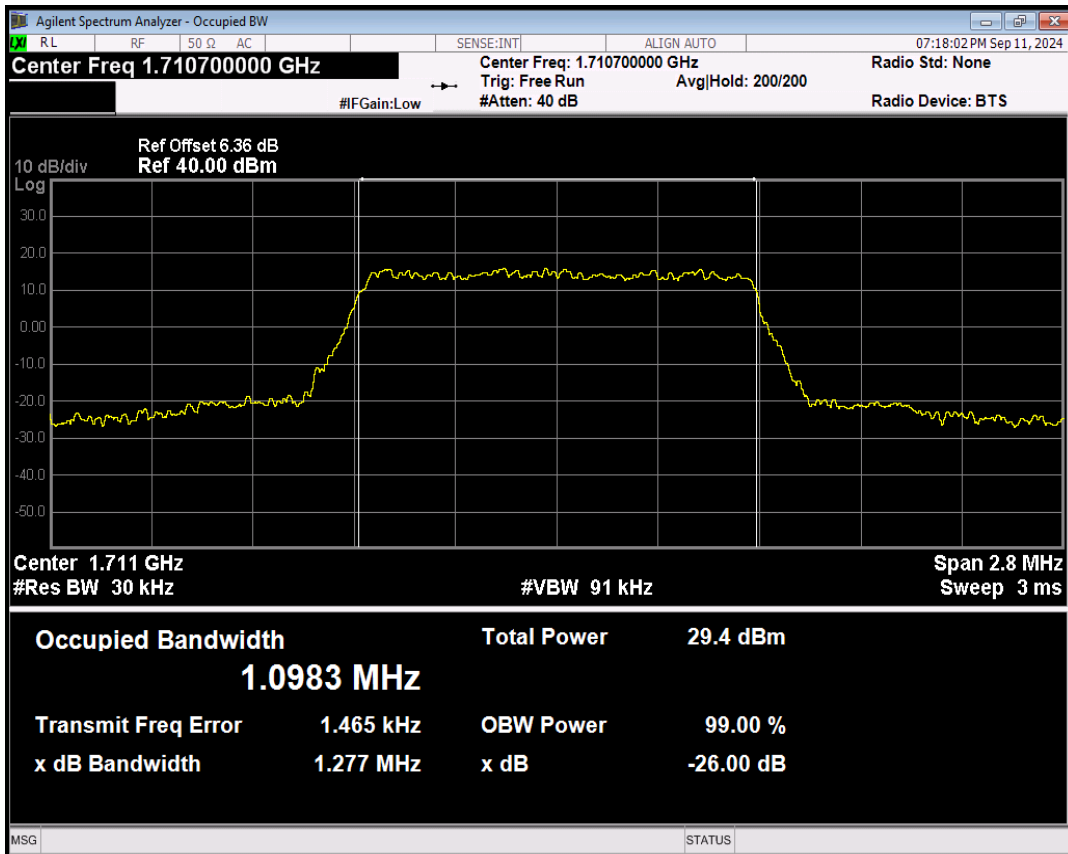
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.099	1.273	PASS
Band4	1.4	19957	6	#0	16QAM	1.098	1.277	PASS
Band4	1.4	20175	6	#0	QPSK	1.098	1.261	PASS
Band4	1.4	20175	6	#0	16QAM	1.103	1.297	PASS
Band4	1.4	20393	6	#0	QPSK	1.101	1.279	PASS
Band4	1.4	20393	6	#0	16QAM	1.099	1.277	PASS
Band4	3	19965	15	#0	QPSK	2.698	2.960	PASS
Band4	3	19965	15	#0	16QAM	2.687	2.964	PASS
Band4	3	20175	15	#0	QPSK	2.700	2.973	PASS
Band4	3	20175	15	#0	16QAM	2.690	2.971	PASS
Band4	3	20385	15	#0	QPSK	2.700	2.969	PASS
Band4	3	20385	15	#0	16QAM	2.686	3.008	PASS
Band4	5	19975	25	#0	QPSK	4.527	4.884	PASS
Band4	5	19975	25	#0	16QAM	4.506	4.898	PASS
Band4	5	20175	25	#0	QPSK	4.510	4.922	PASS
Band4	5	20175	25	#0	16QAM	4.516	4.906	PASS
Band4	5	20375	25	#0	QPSK	4.507	4.886	PASS
Band4	5	20375	25	#0	16QAM	4.523	4.951	PASS
Band4	10	20000	50	#0	QPSK	8.972	9.674	PASS
Band4	10	20000	50	#0	16QAM	8.969	9.679	PASS
Band4	10	20175	50	#0	QPSK	8.973	9.680	PASS
Band4	10	20175	50	#0	16QAM	8.973	9.709	PASS
Band4	10	20350	50	#0	QPSK	8.975	9.595	PASS
Band4	10	20350	50	#0	16QAM	8.981	9.638	PASS
Band4	15	20025	75	#0	QPSK	13.477	14.468	PASS
Band4	15	20025	75	#0	16QAM	13.488	14.375	PASS
Band4	15	20175	75	#0	QPSK	13.445	14.543	PASS
Band4	15	20175	75	#0	16QAM	13.499	14.473	PASS
Band4	15	20325	75	#0	QPSK	13.437	14.458	PASS
Band4	15	20325	75	#0	16QAM	13.464	14.472	PASS
Band4	20	20050	100	#0	QPSK	17.887	19.043	PASS
Band4	20	20050	100	#0	16QAM	17.885	19.216	PASS
Band4	20	20175	100	#0	QPSK	17.980	19.298	PASS
Band4	20	20175	100	#0	16QAM	17.981	19.449	PASS
Band4	20	20300	100	#0	QPSK	17.927	19.275	PASS
Band4	20	20300	100	#0	16QAM	17.940	19.134	PASS

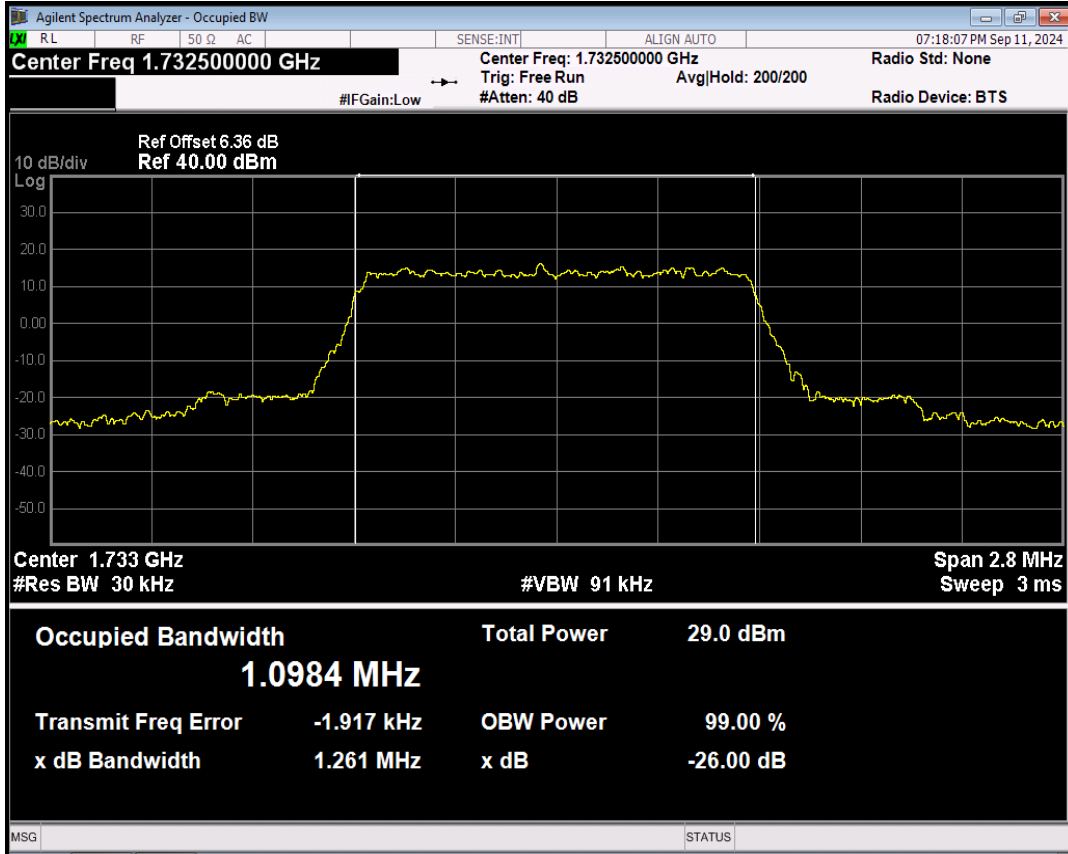
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



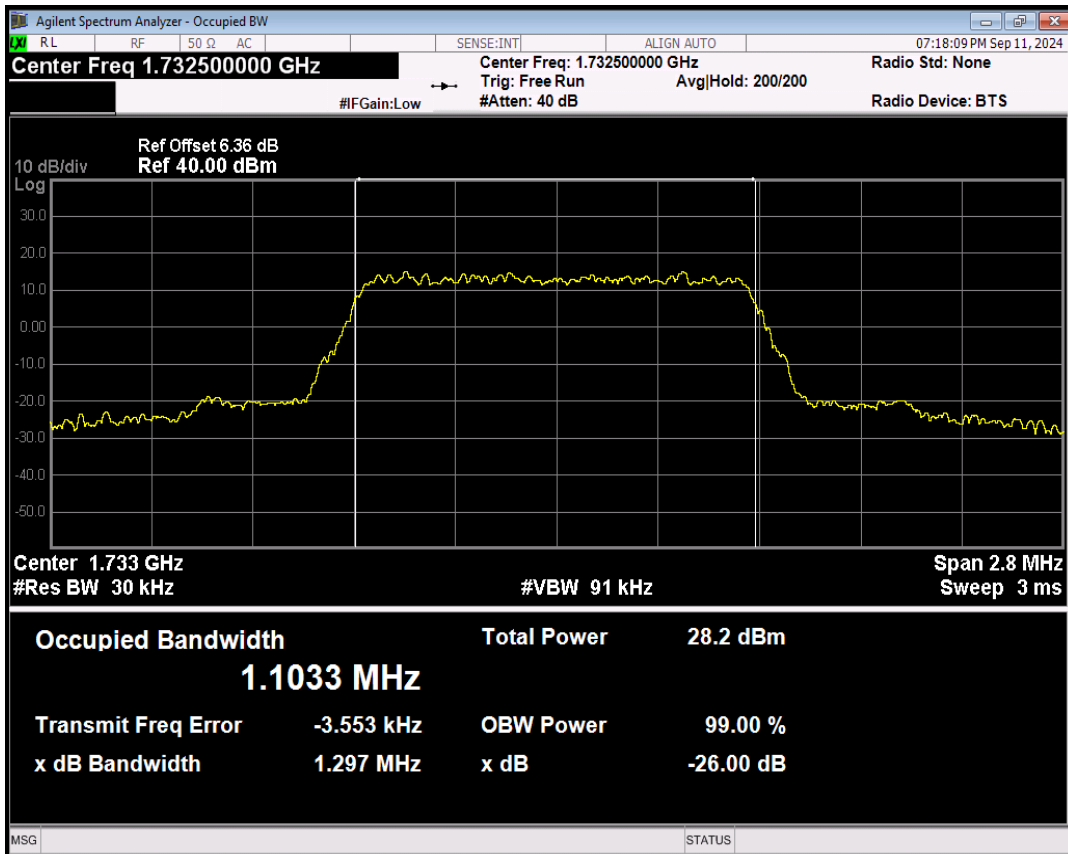
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



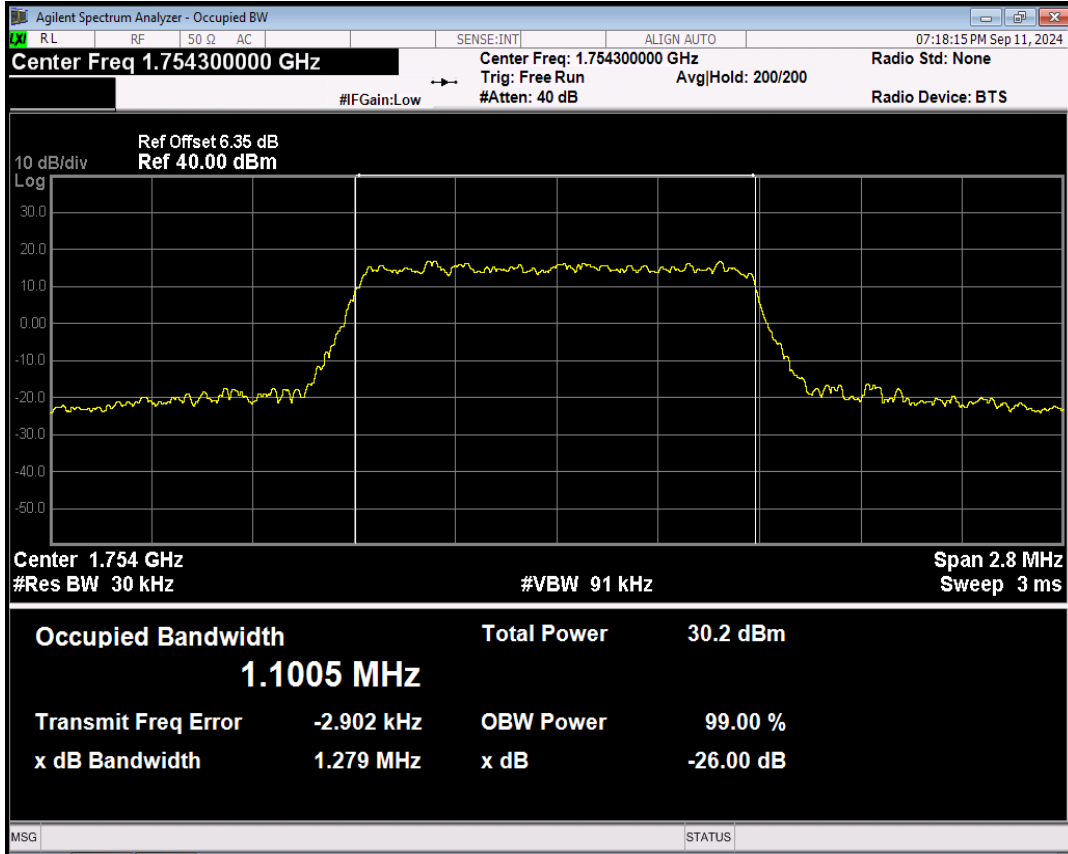
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



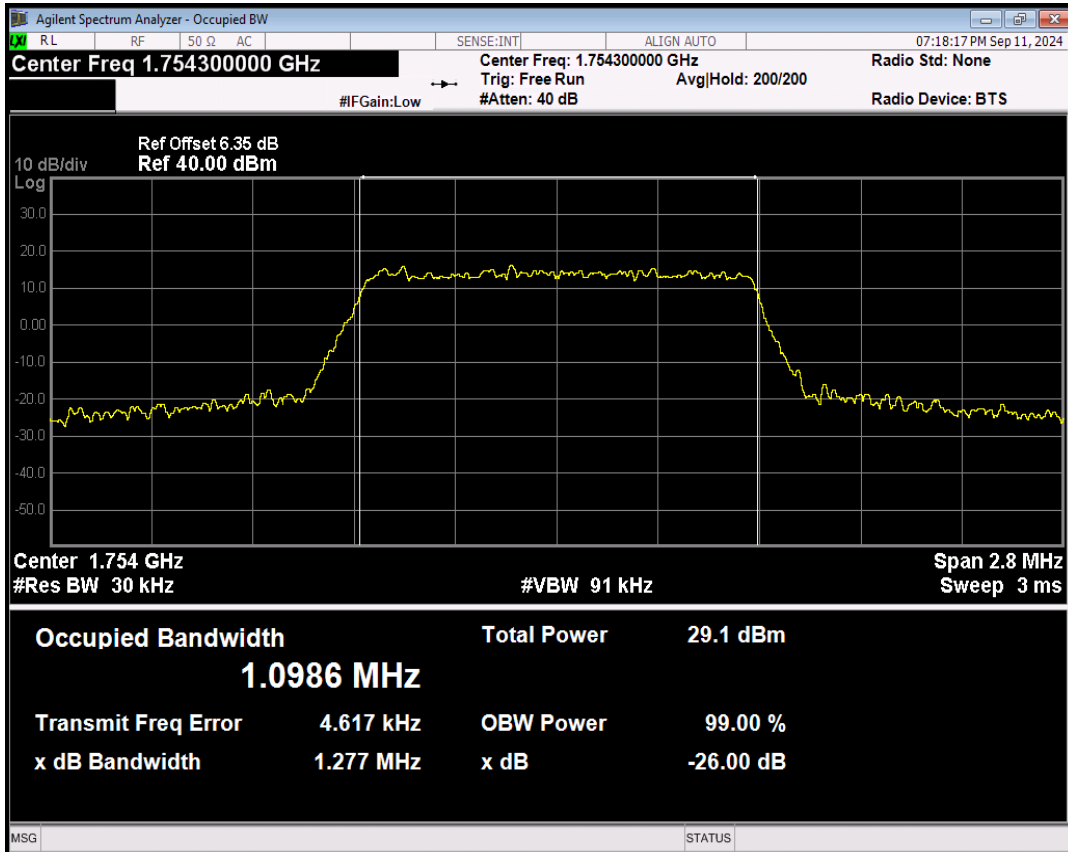
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



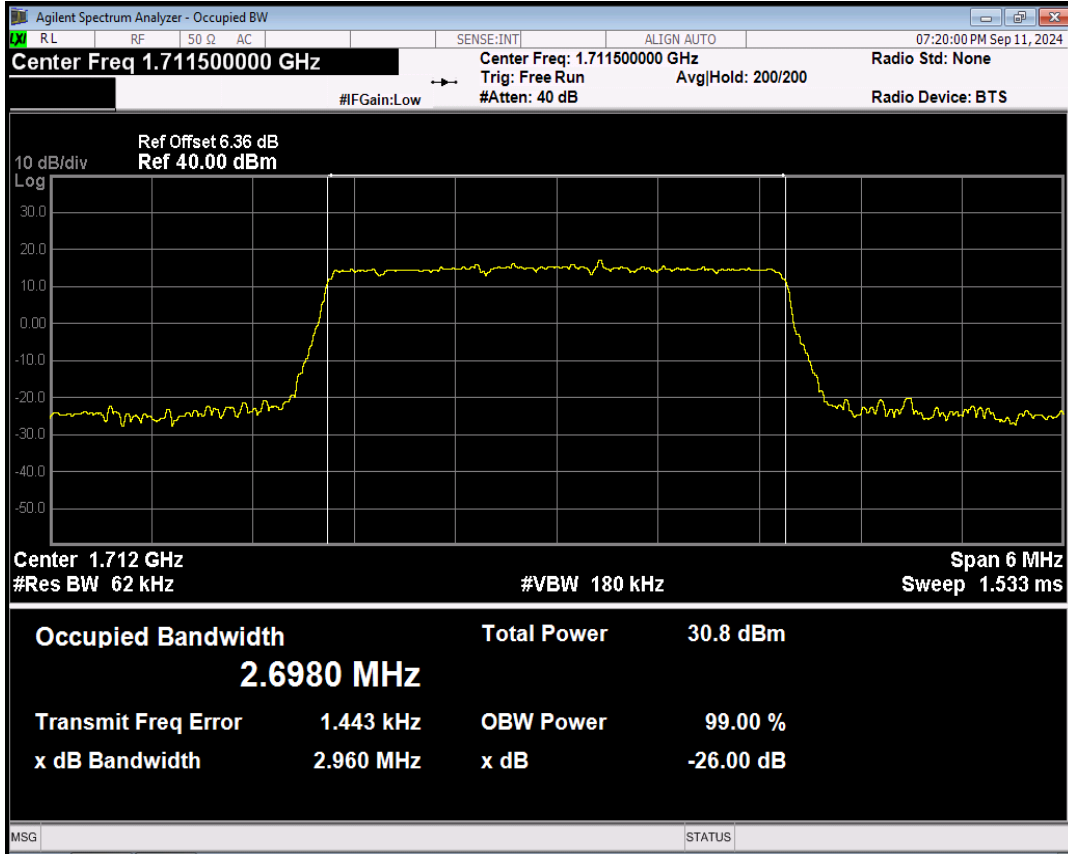
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



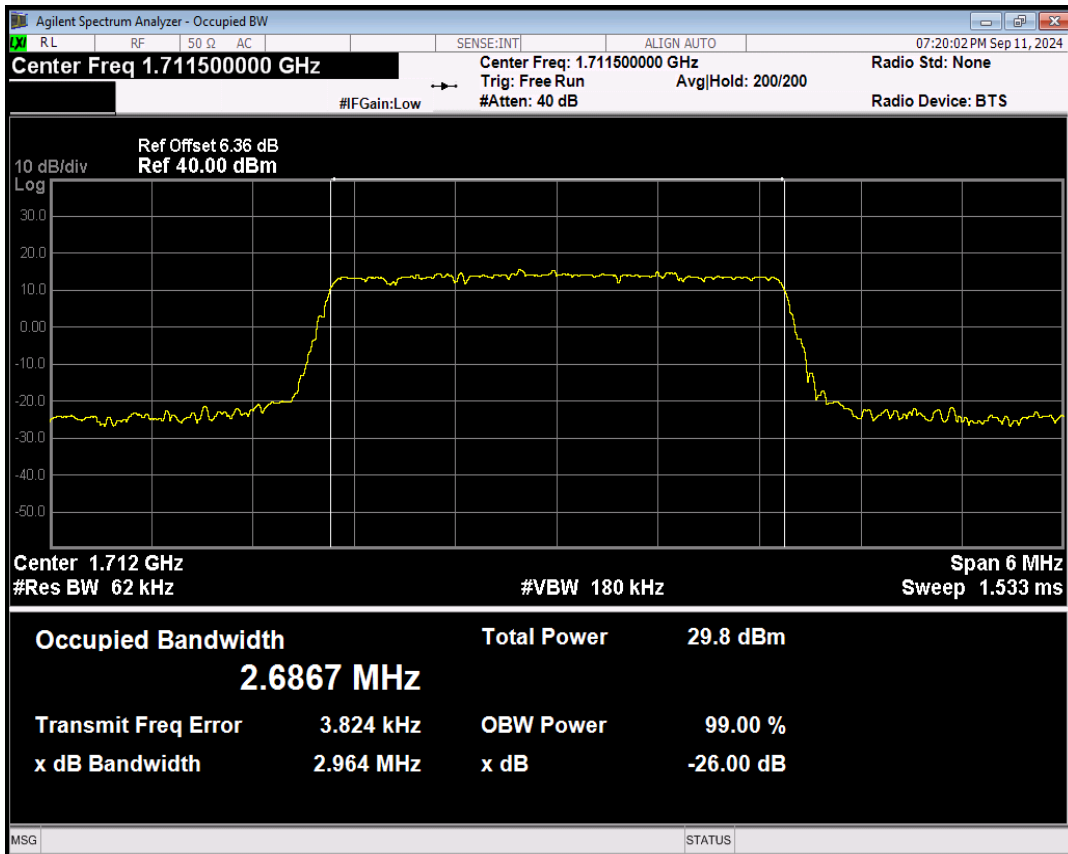
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



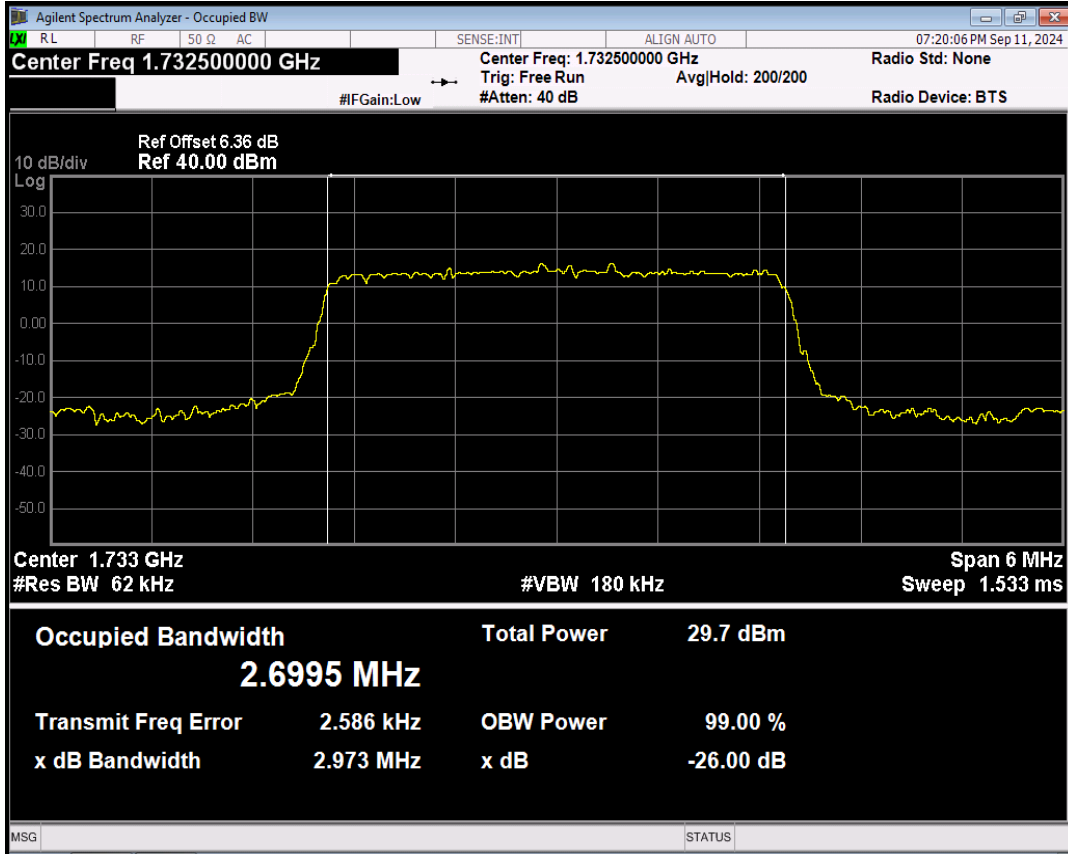
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



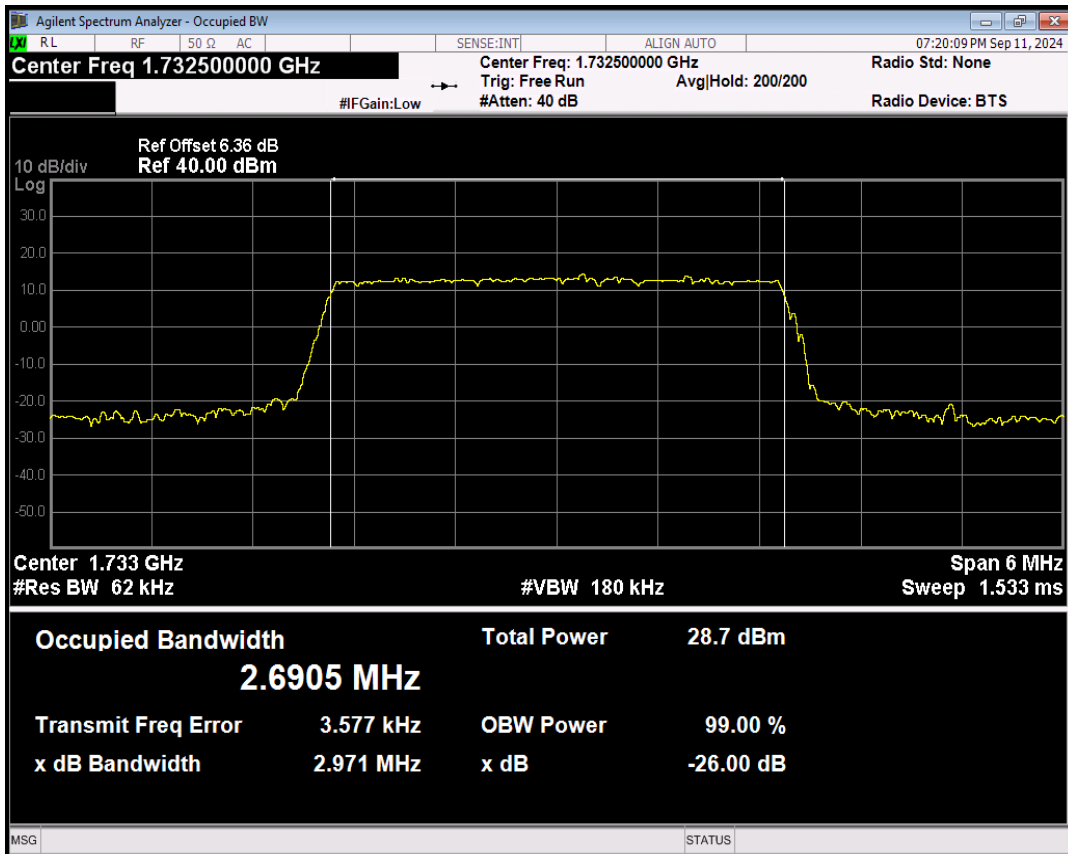
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



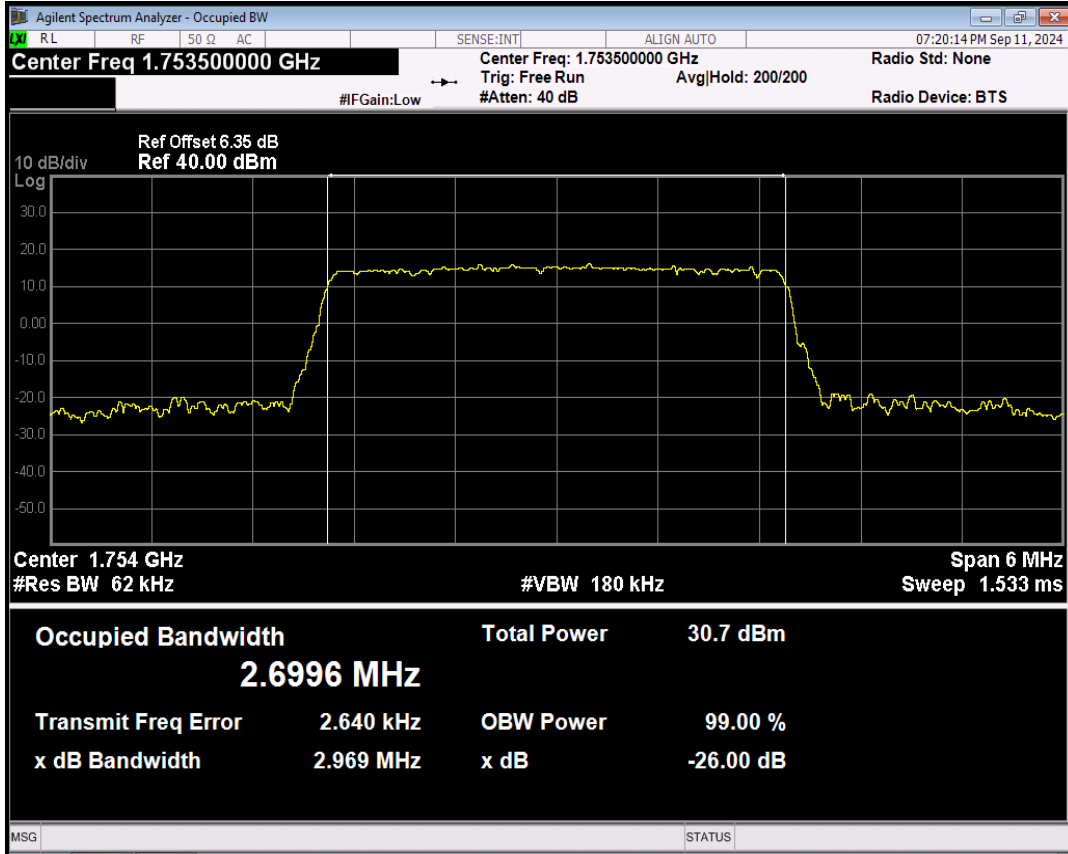
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



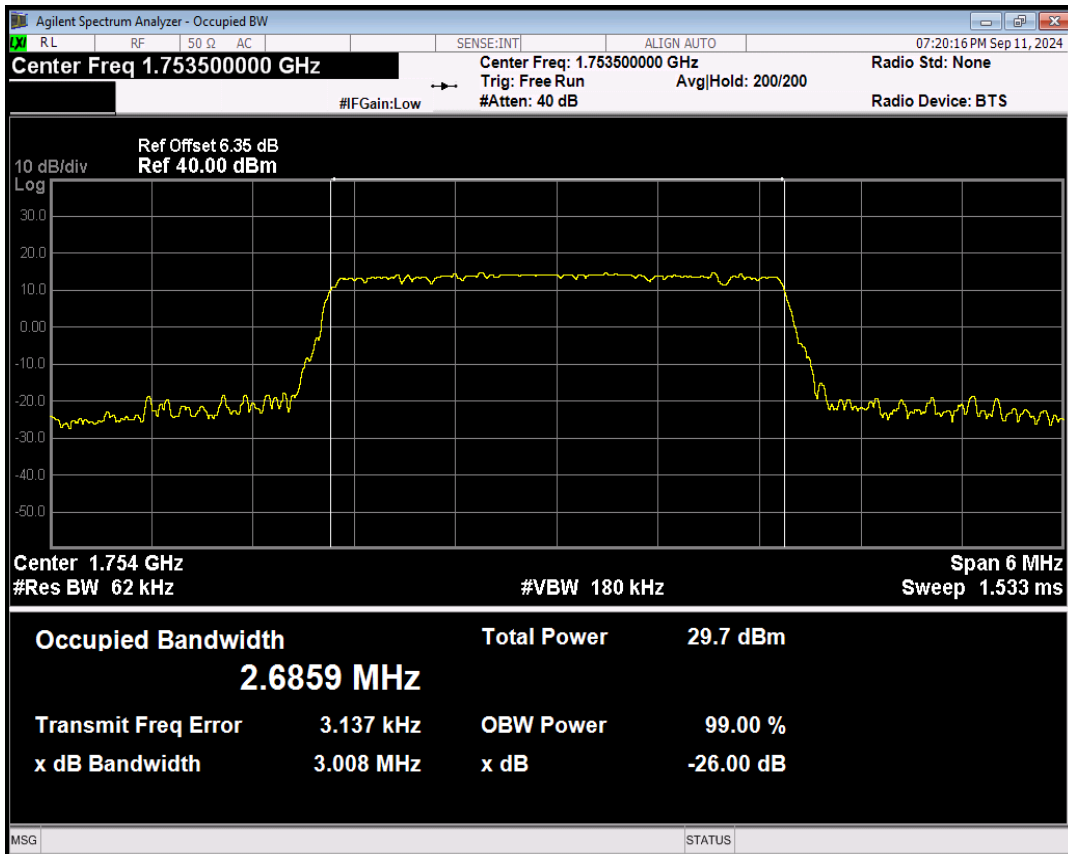
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



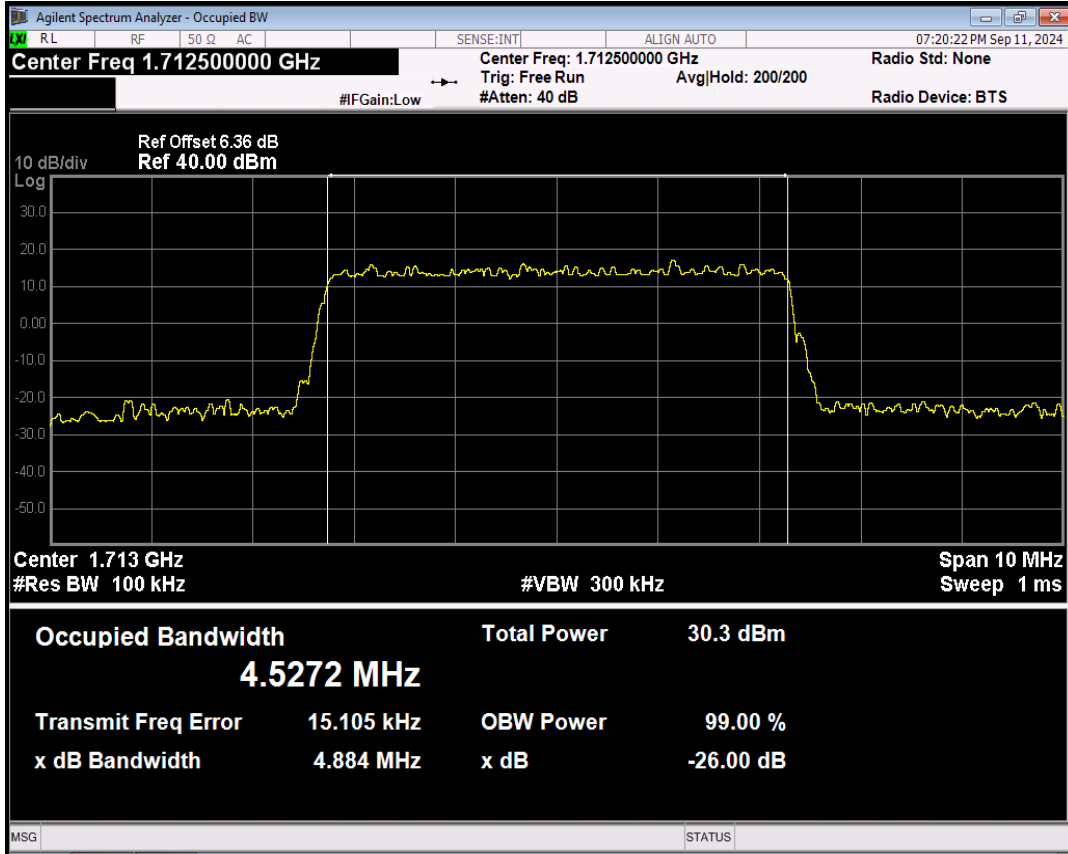
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



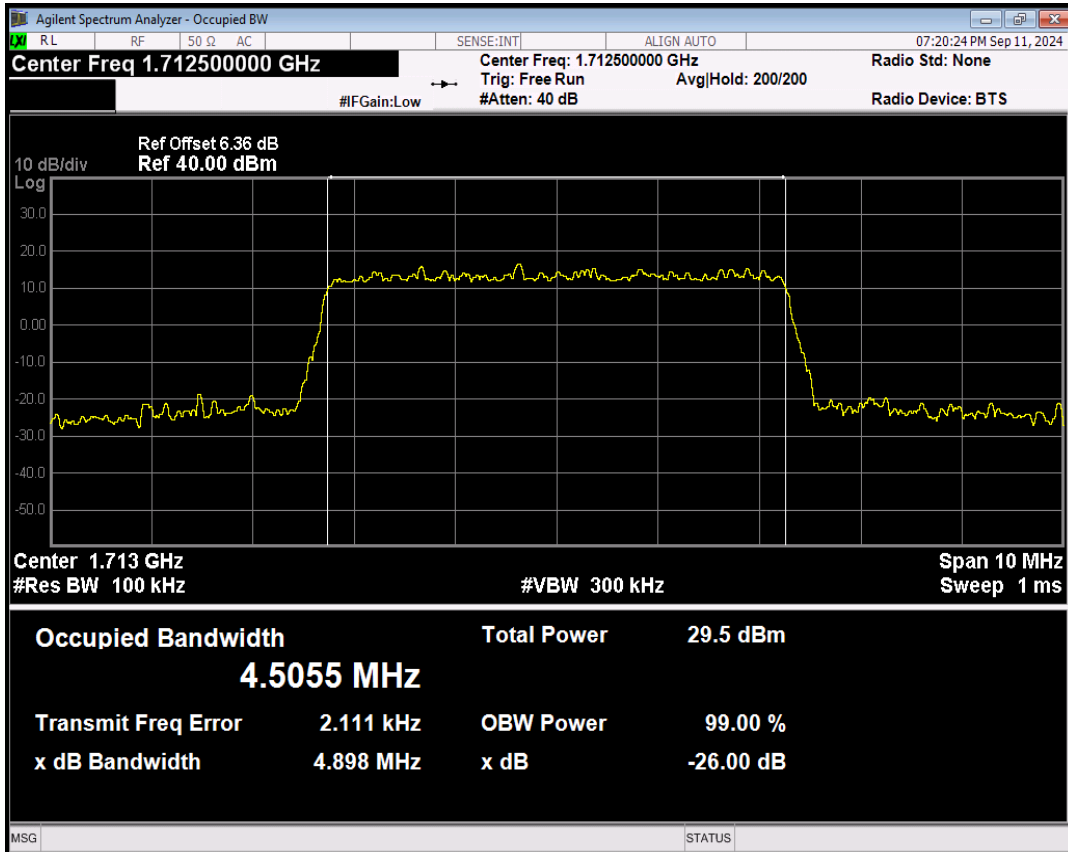
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



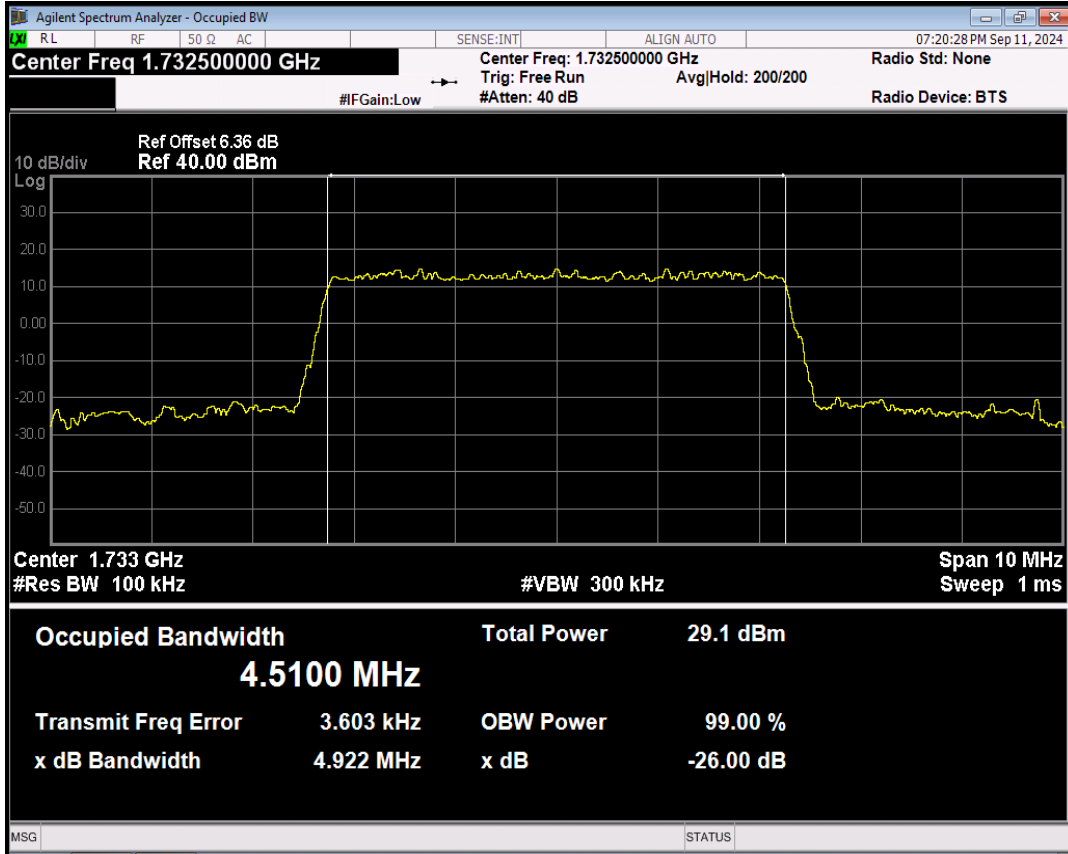
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



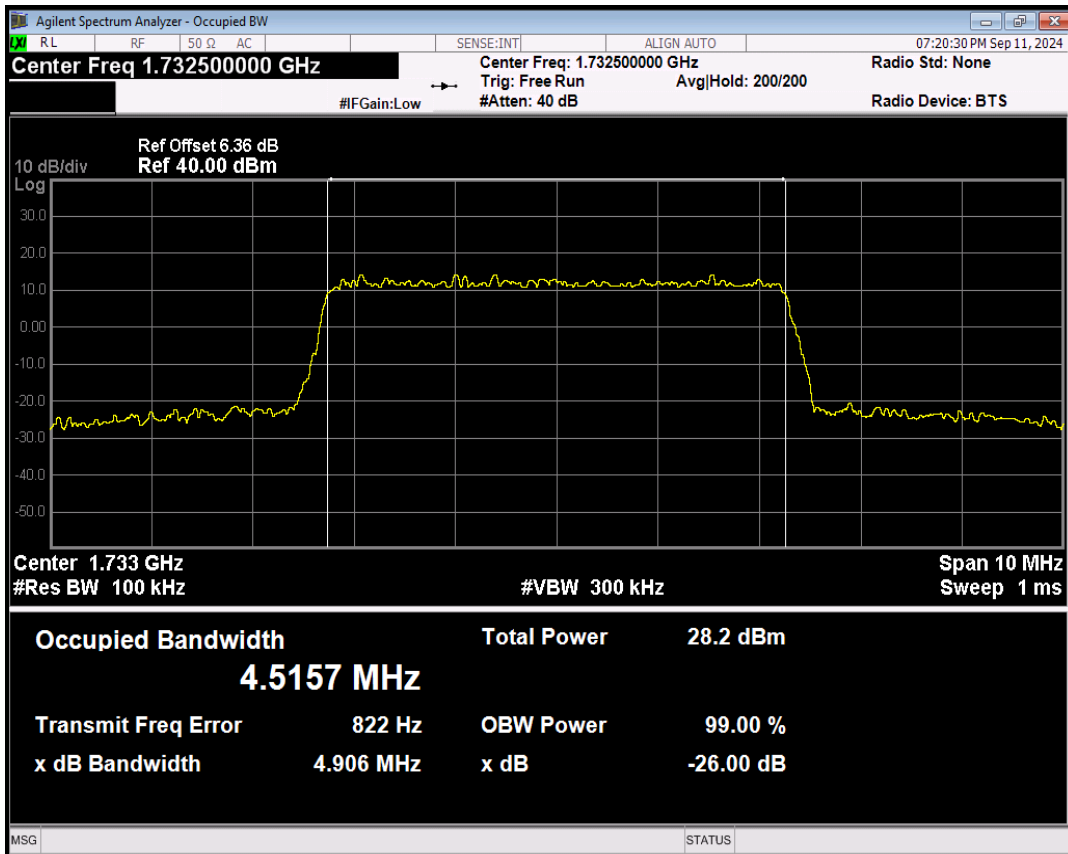
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



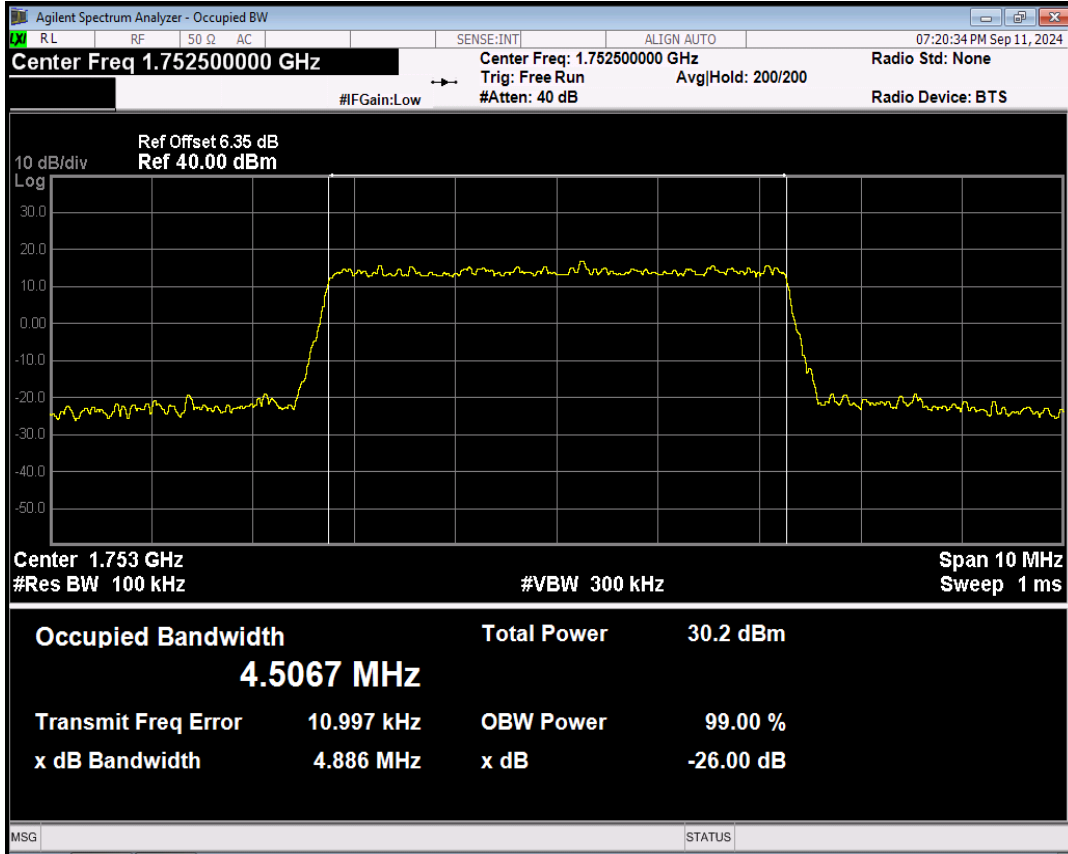
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



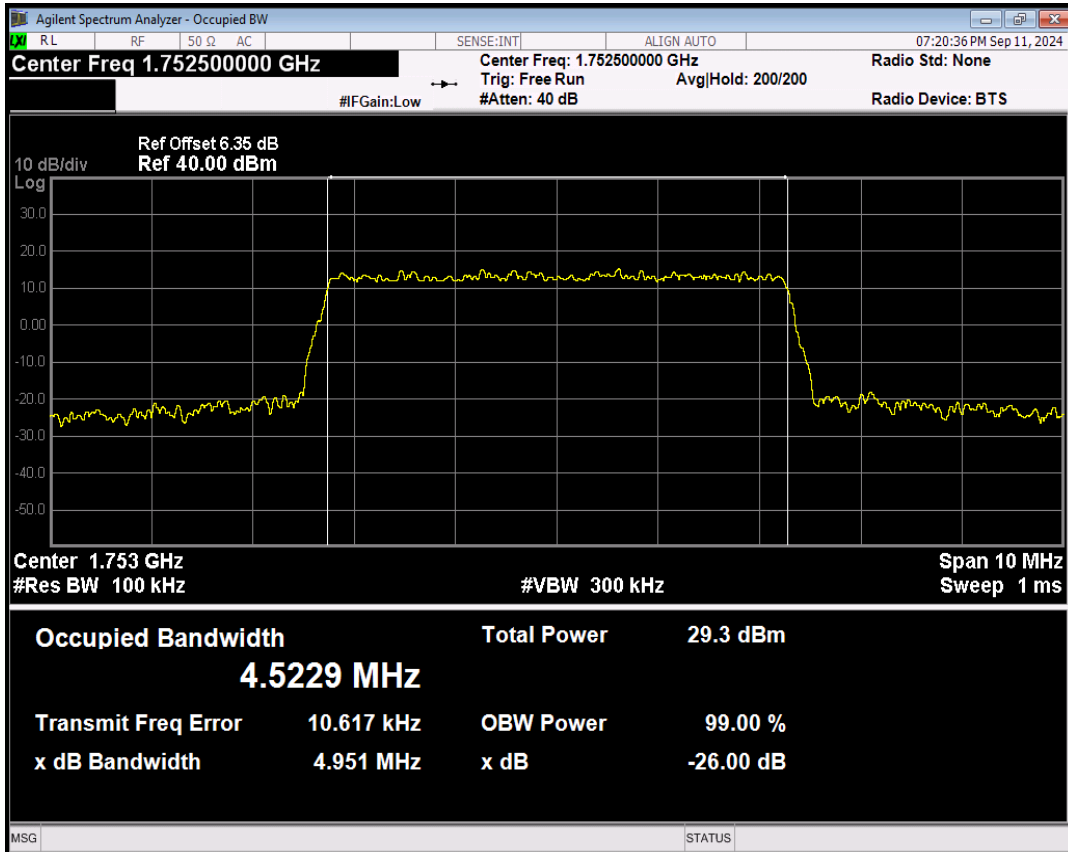
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



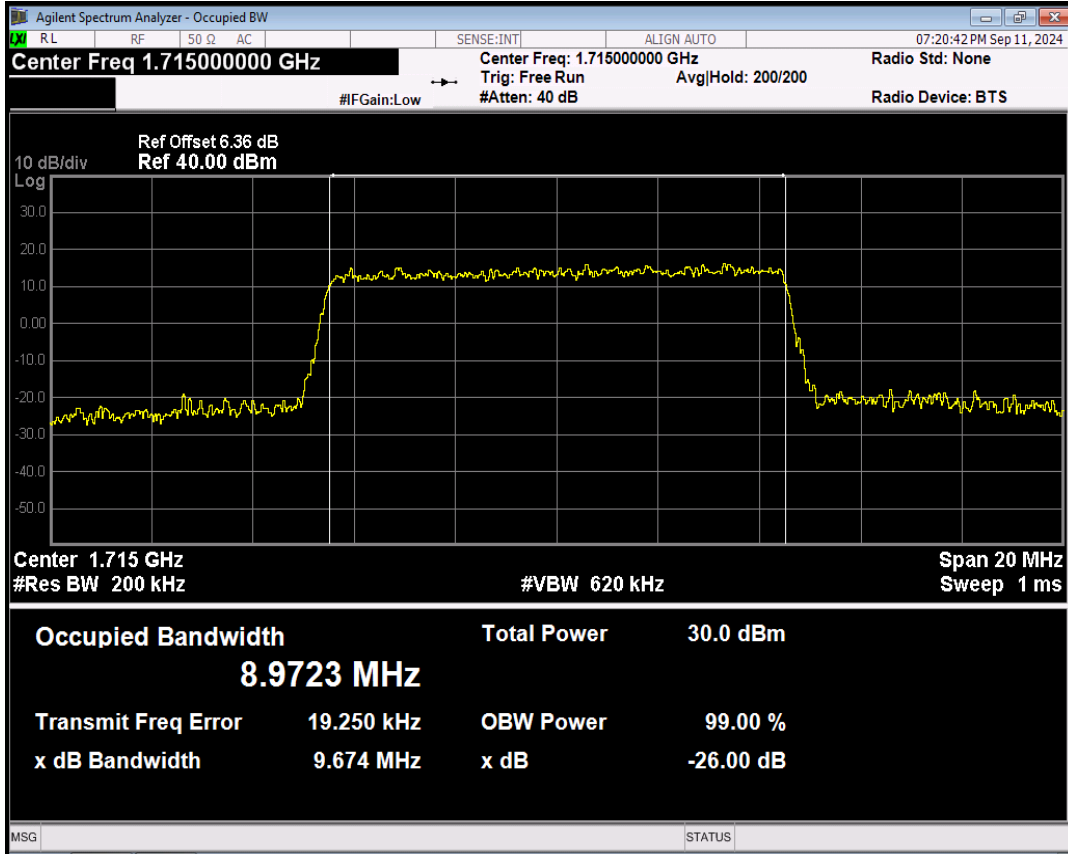
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



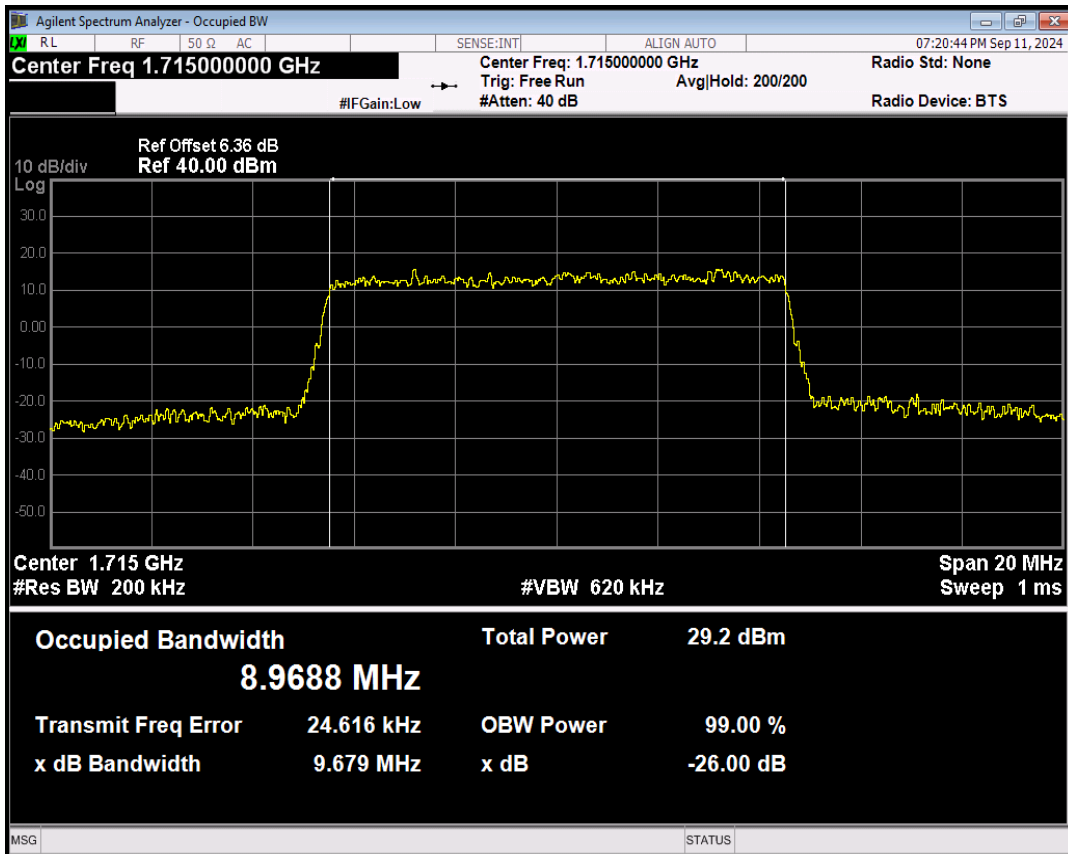
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



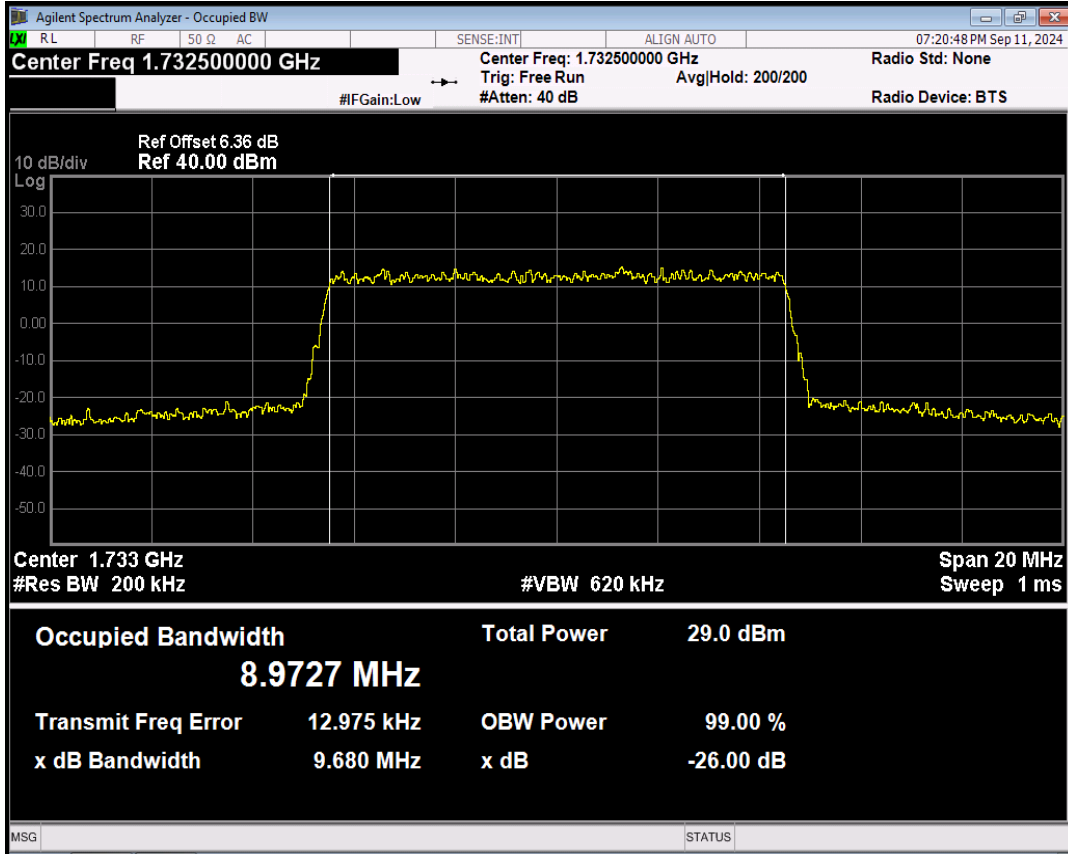
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



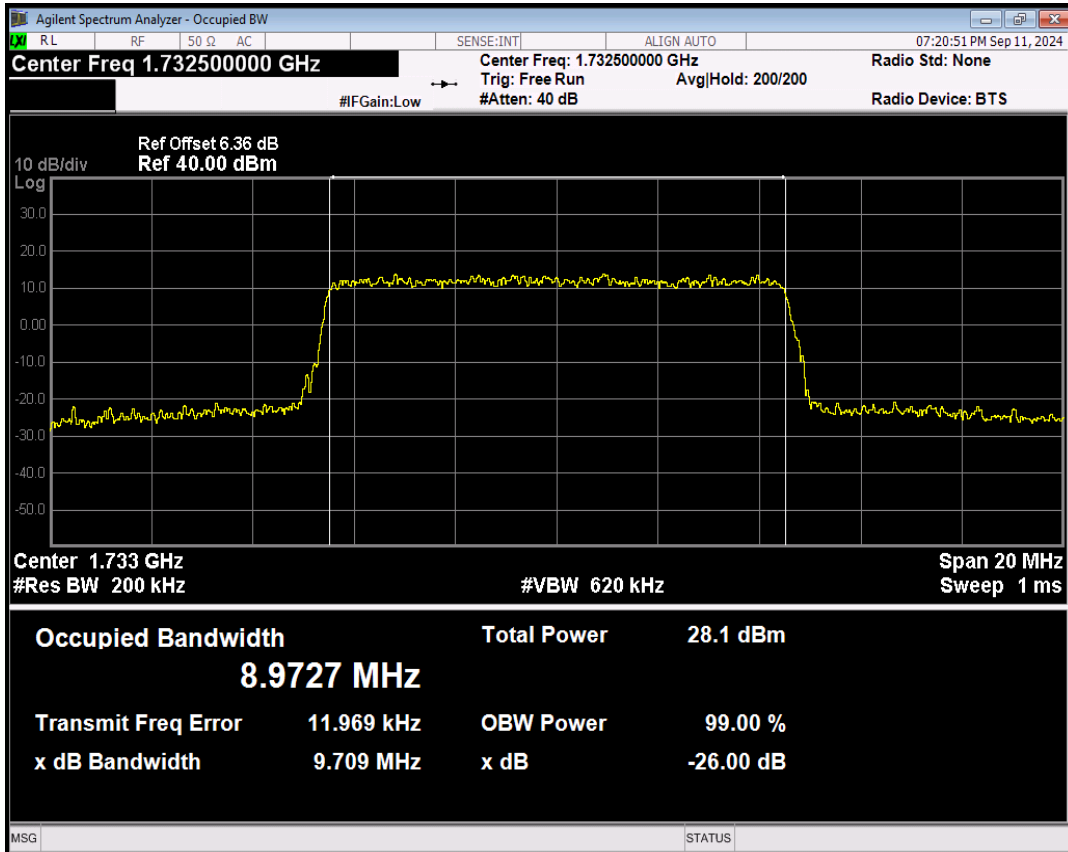
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



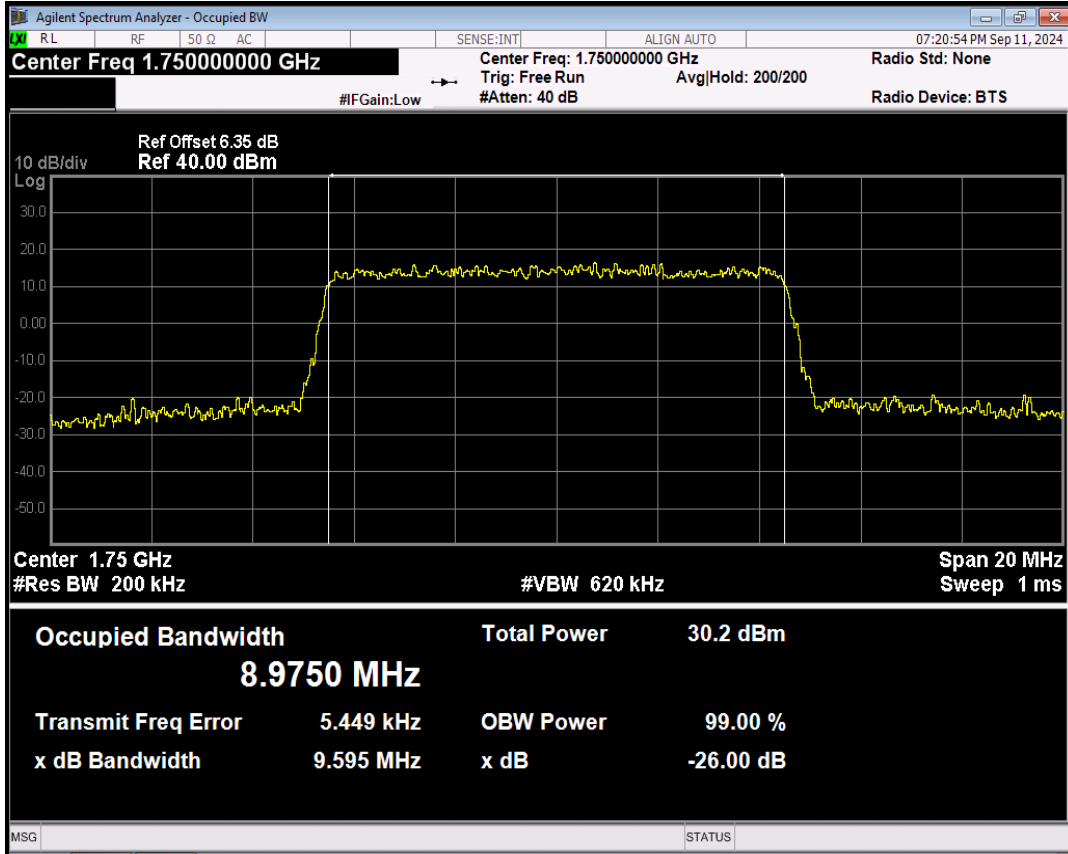
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



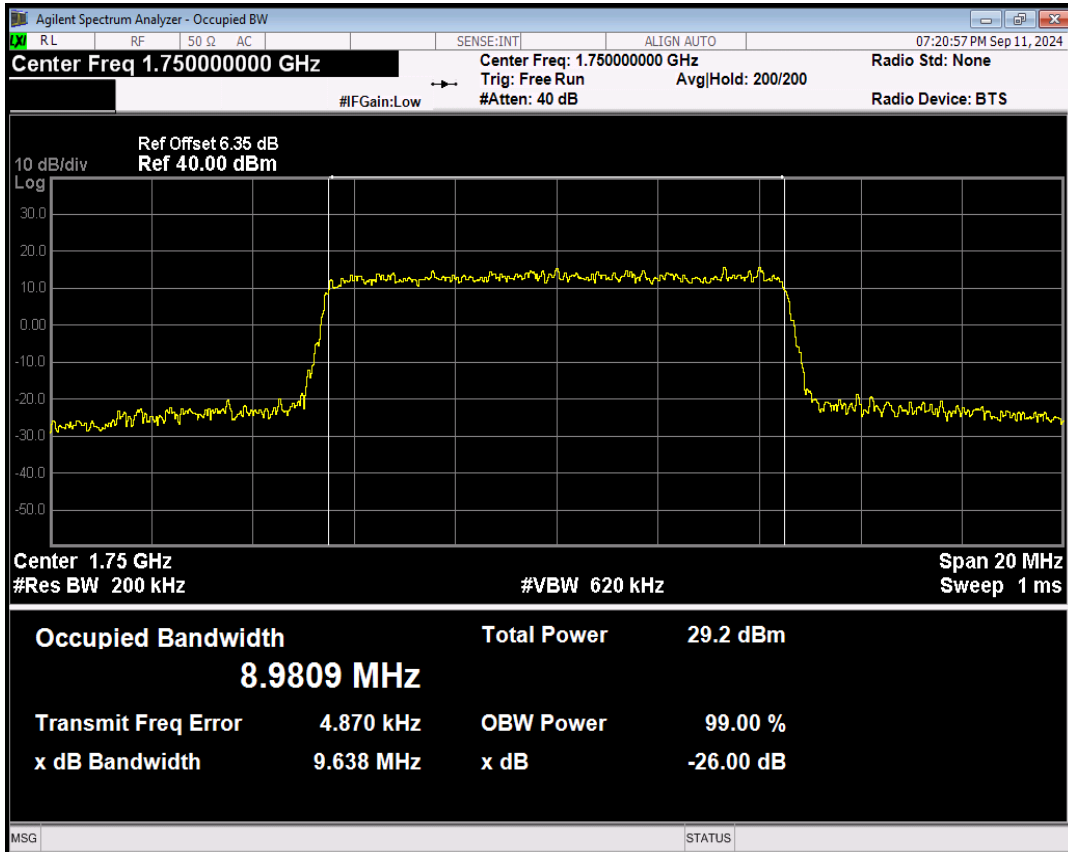
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



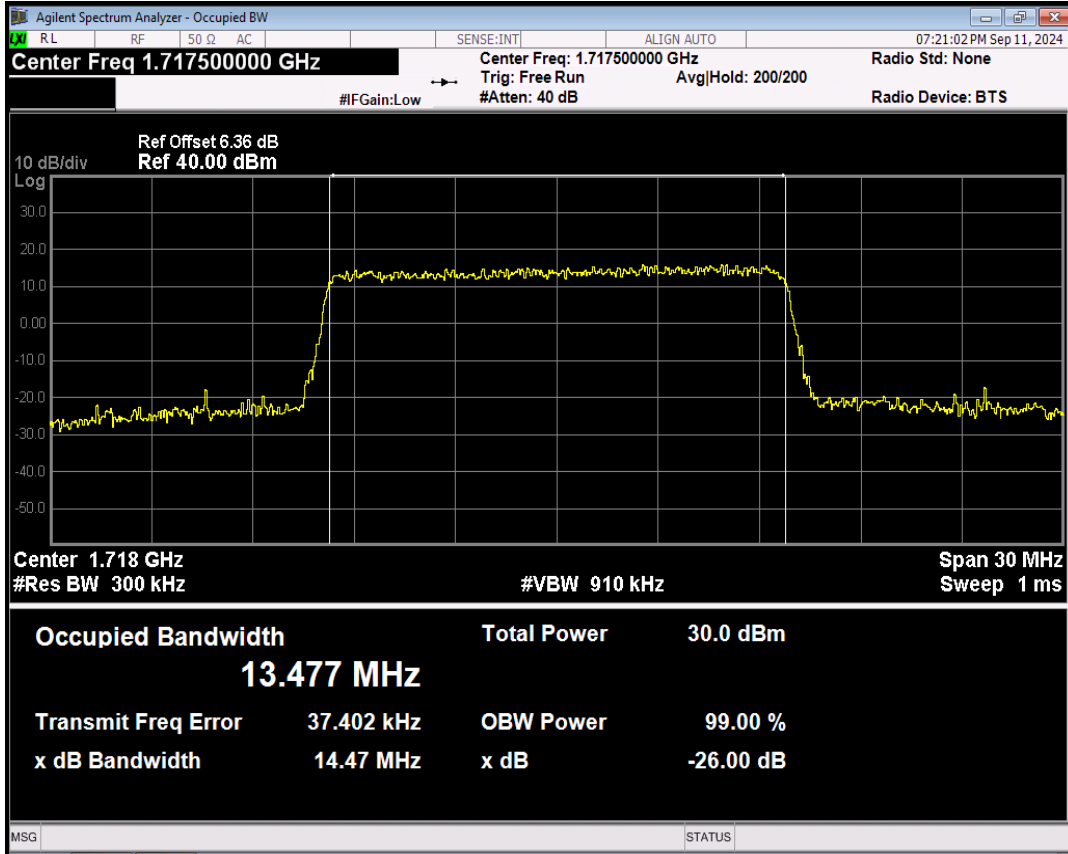
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



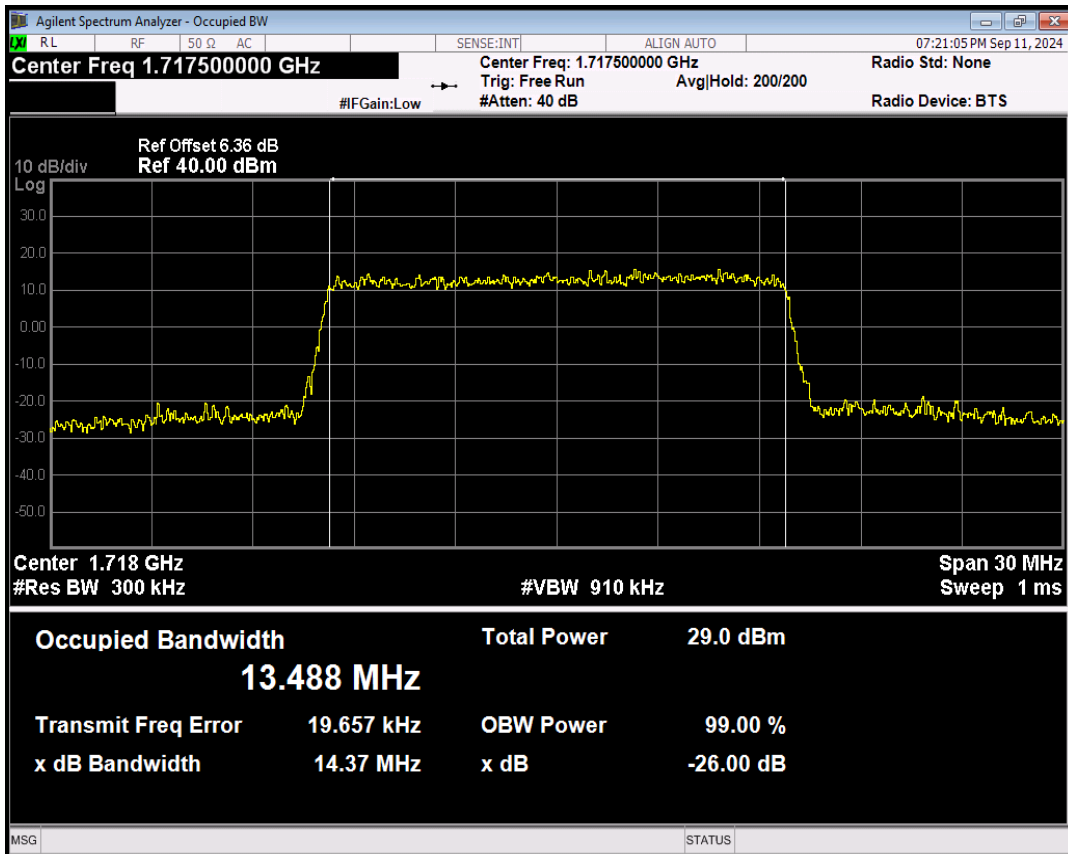
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



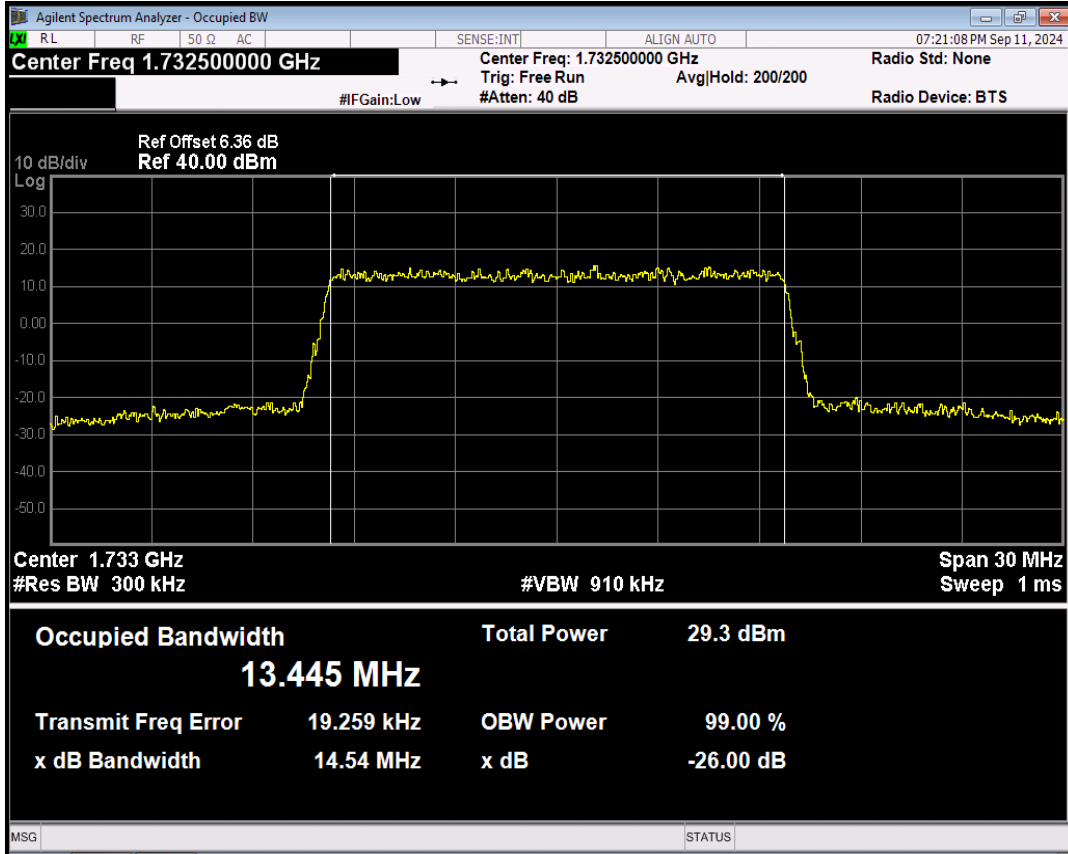
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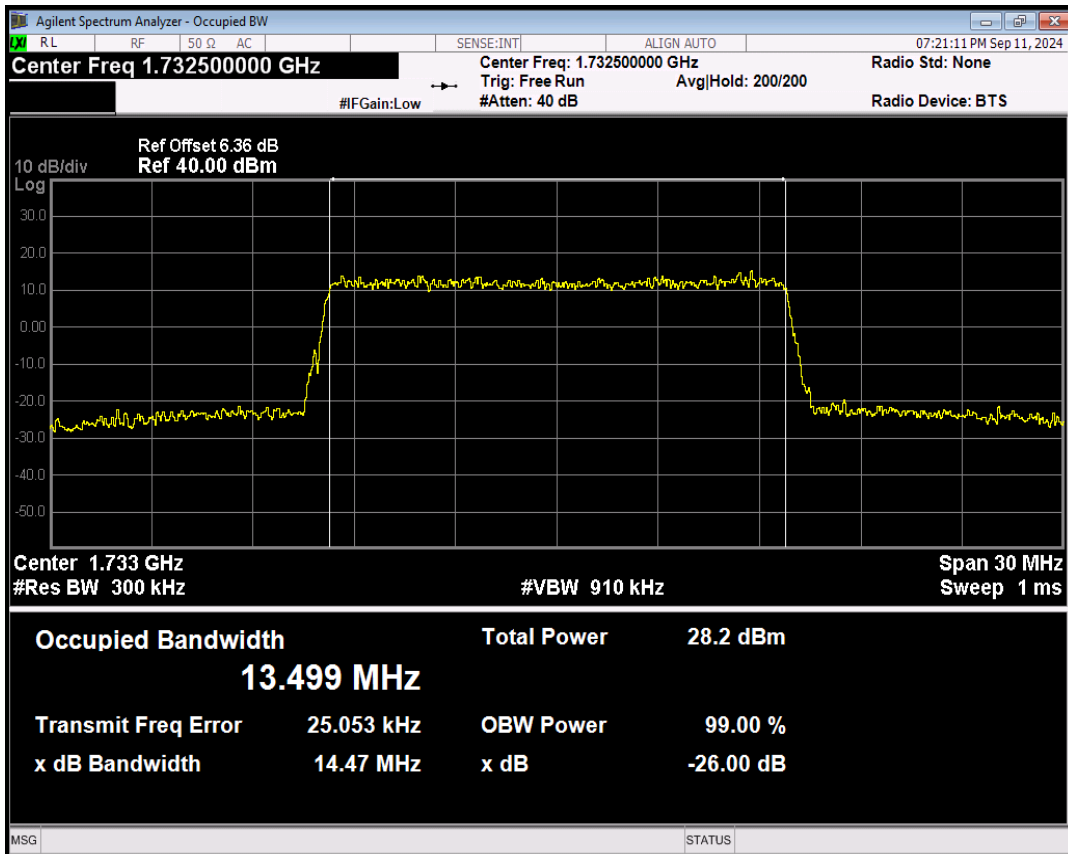
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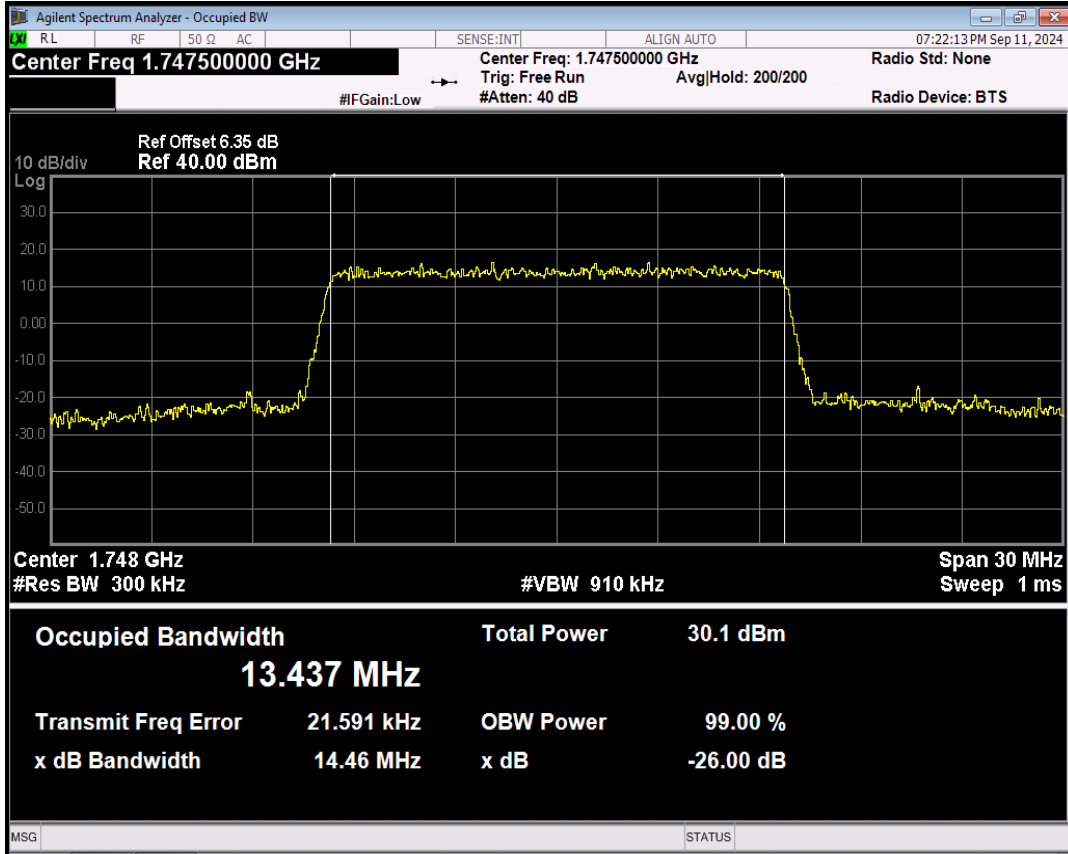
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



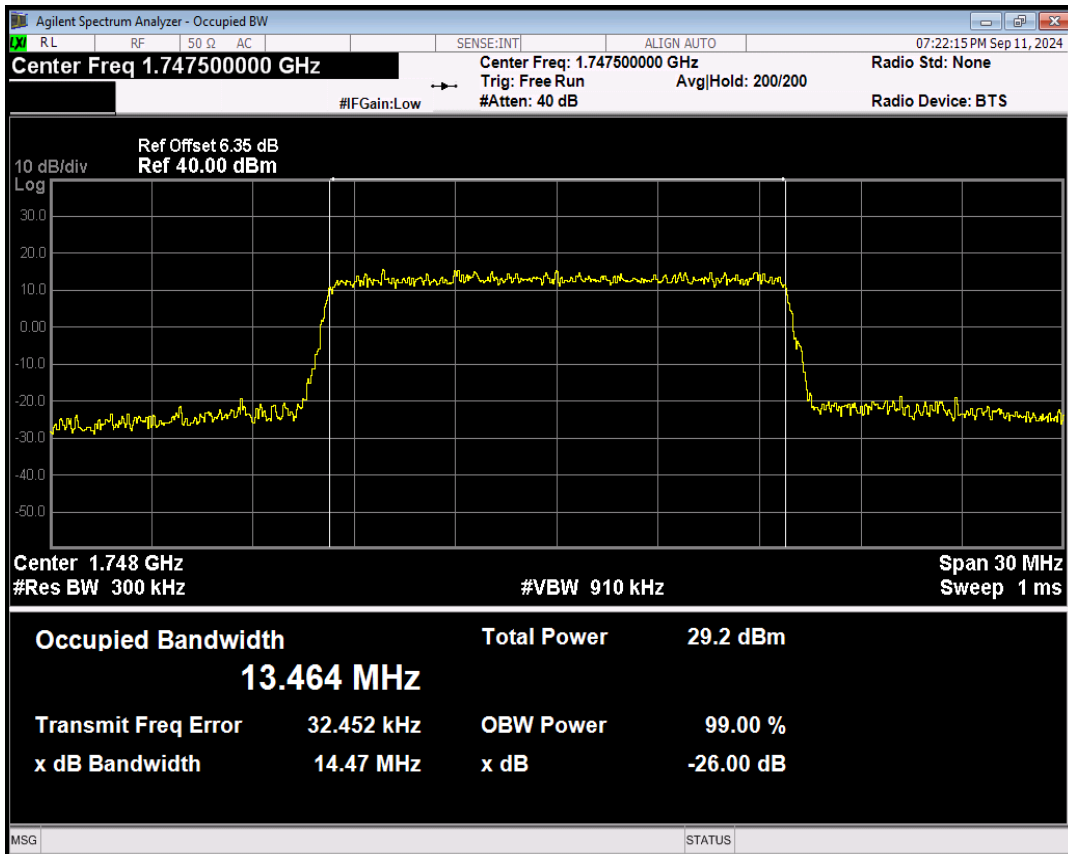
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



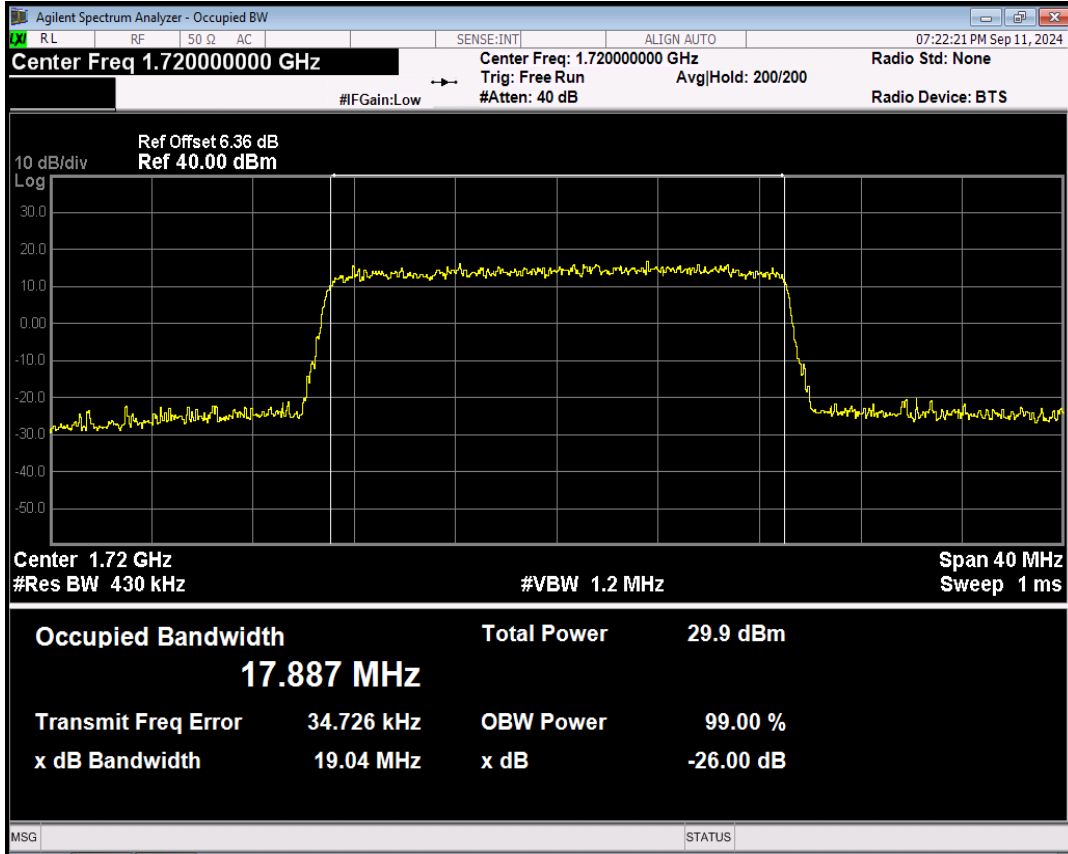
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



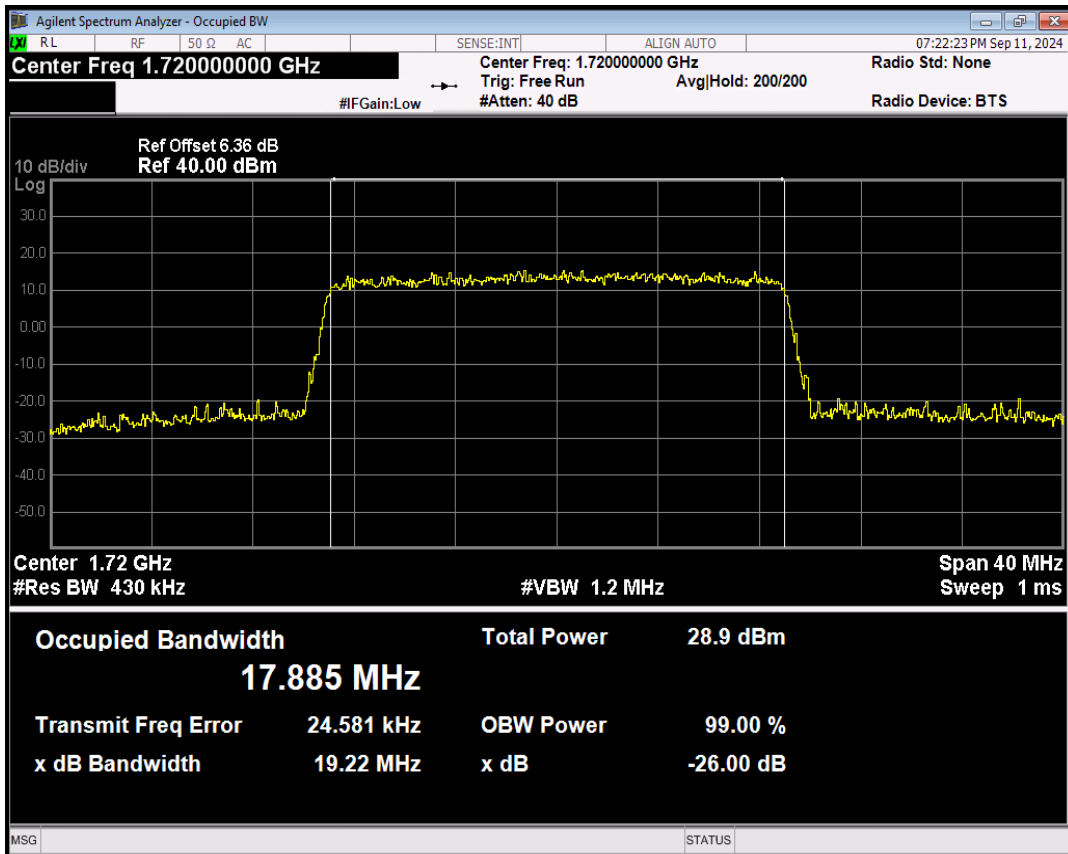
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



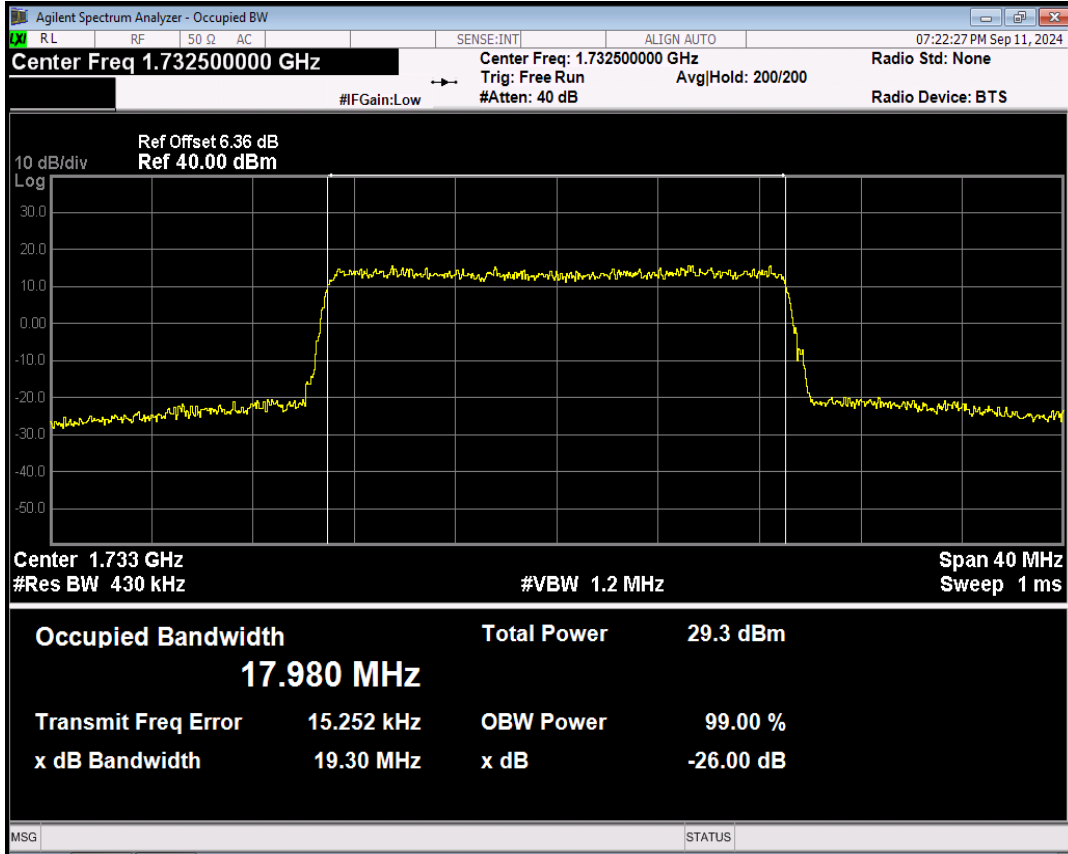
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



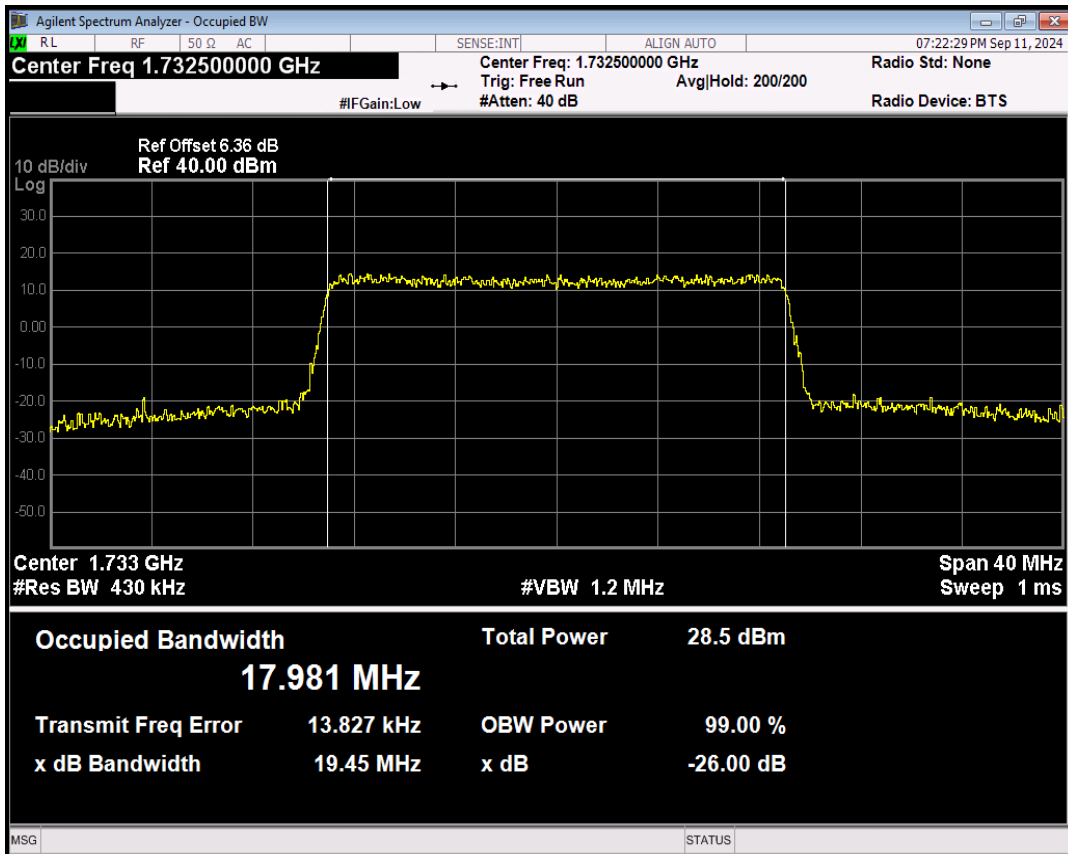
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



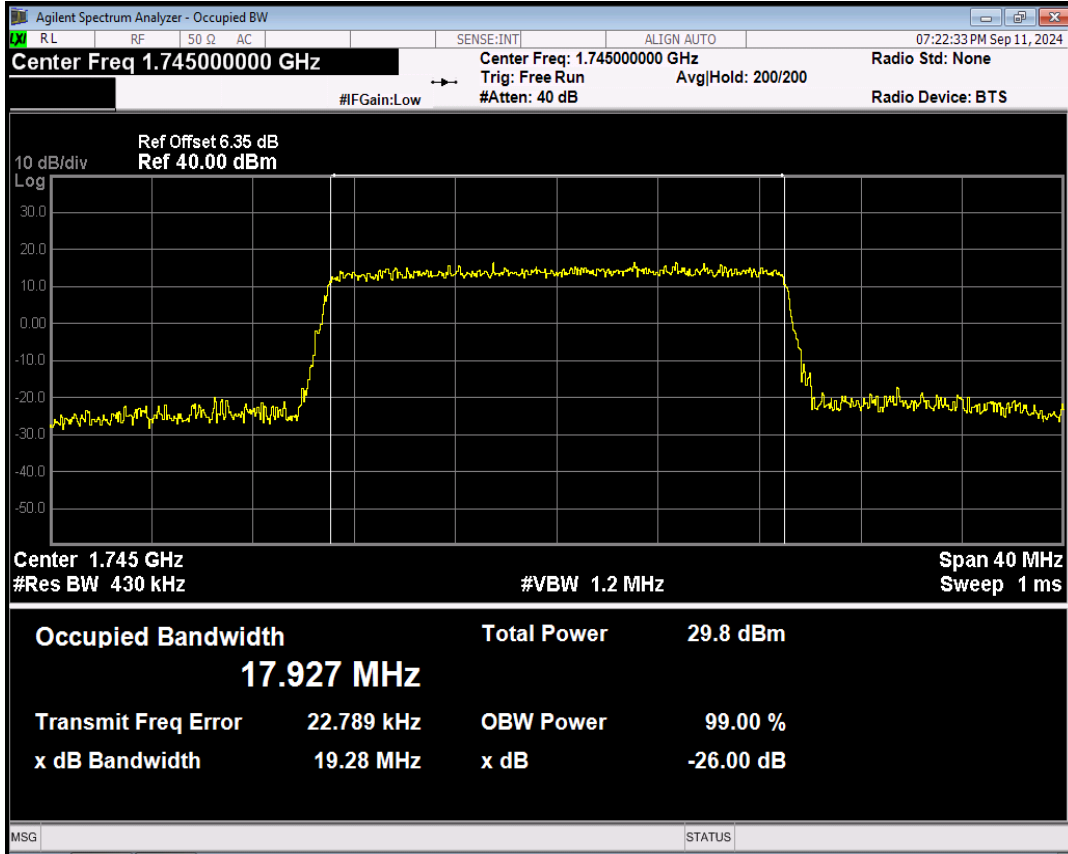
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



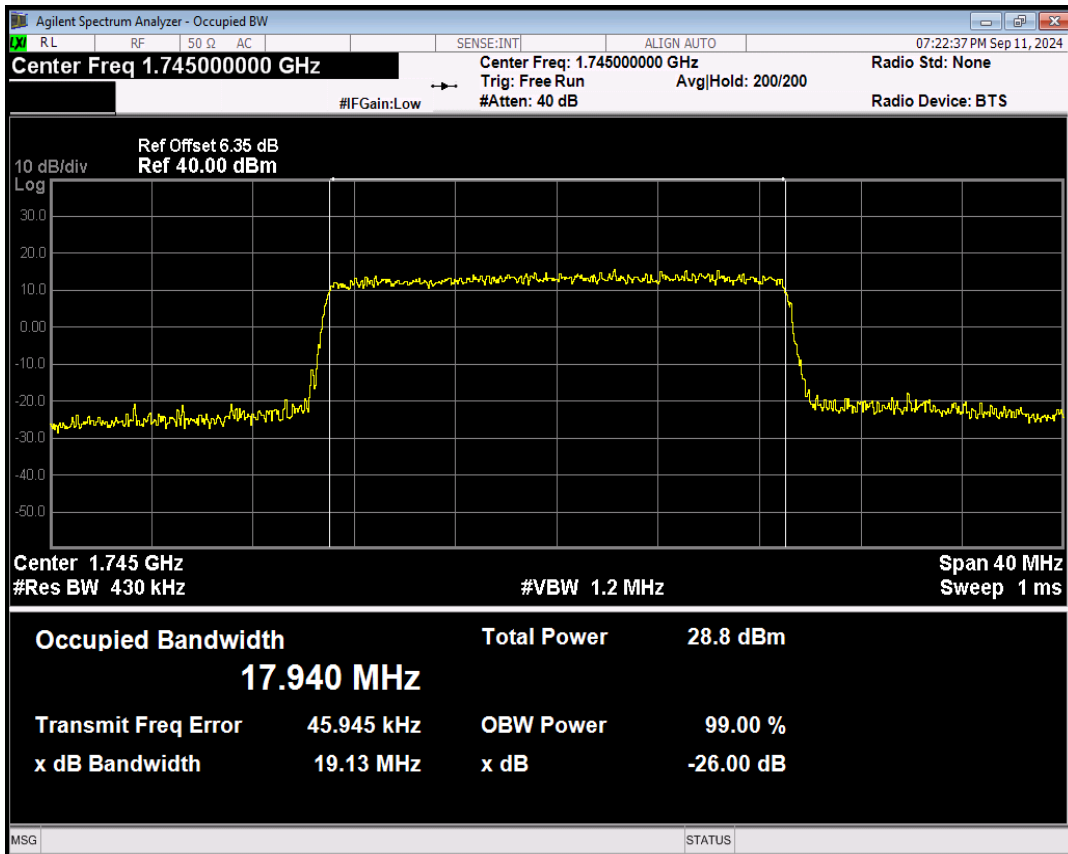
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



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



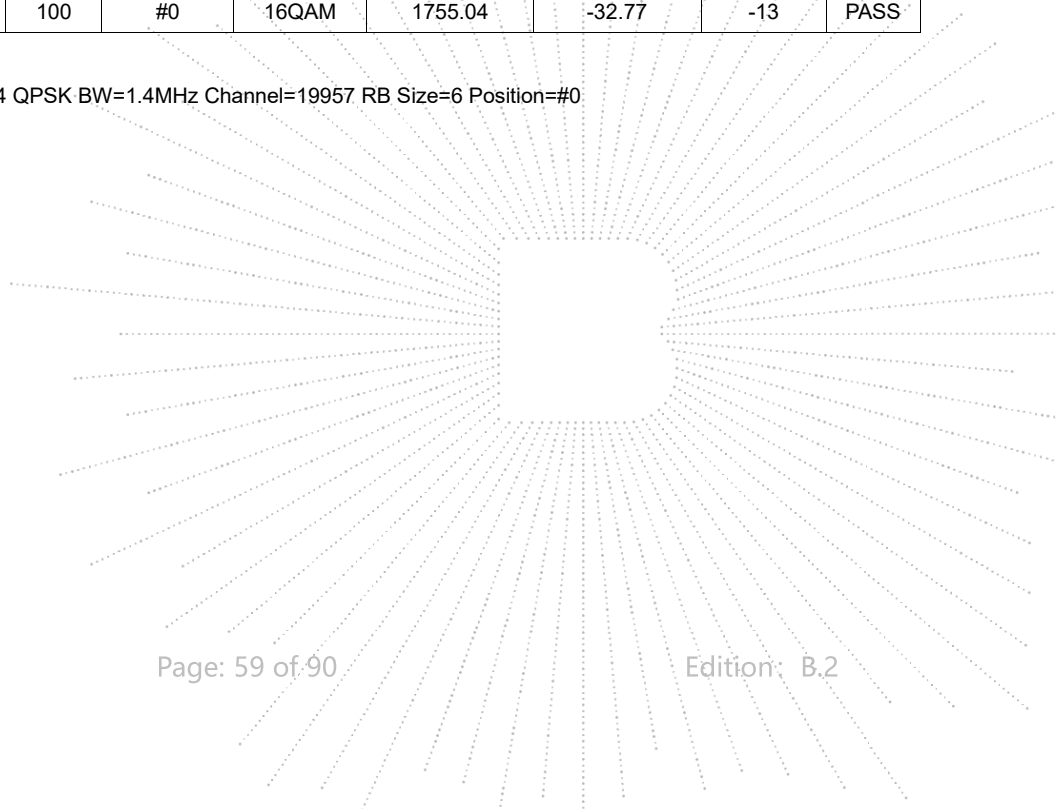
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



Appendix 5. Band edge

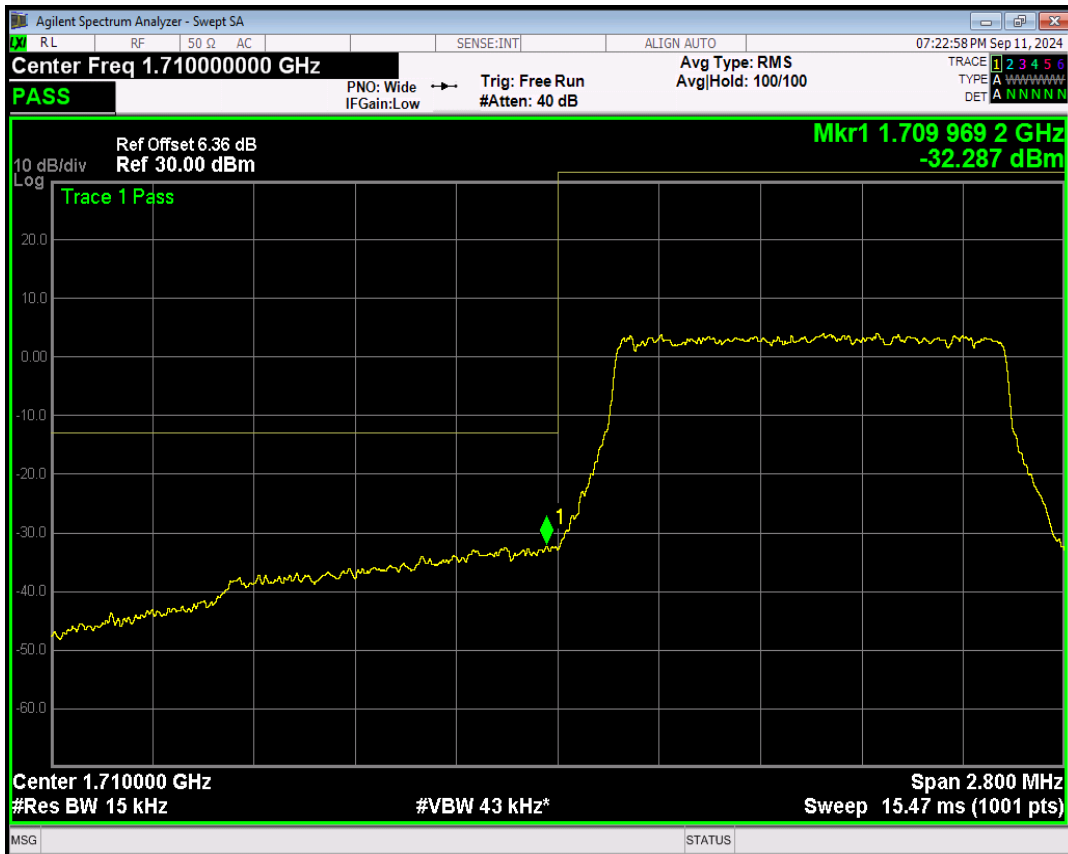
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	1710.00	-31.71	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1709.97	-32.28	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.04	-30.57	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.07	-31.77	-13	PASS
Band4	3	19965	15	#0	QPSK	1709.98	-29.87	-13	PASS
Band4	3	19965	15	#0	16QAM	1709.99	-29.19	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-30.18	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.00	-30.55	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-33.47	-13	PASS
Band4	5	19975	25	#0	16QAM	1710.00	-31.98	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.01	-32.33	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.00	-32.52	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-34.09	-13	PASS
Band4	10	20000	50	#0	16QAM	1710.00	-34.29	-13	PASS
Band4	10	20350	50	#0	QPSK	1763.40	-33.55	-13	PASS
Band4	10	20350	50	#0	16QAM	1755.34	-33.44	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.52	-33.15	-13	PASS
Band4	15	20025	75	#0	16QAM	1709.88	-35.40	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.48	-30.81	-13	PASS
Band4	15	20325	75	#0	16QAM	1756.74	-32.65	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.08	-34.74	-13	PASS
Band4	20	20050	100	#0	16QAM	1710.00	-33.81	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.88	-33.41	-13	PASS
Band4	20	20300	100	#0	16QAM	1755.04	-32.77	-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



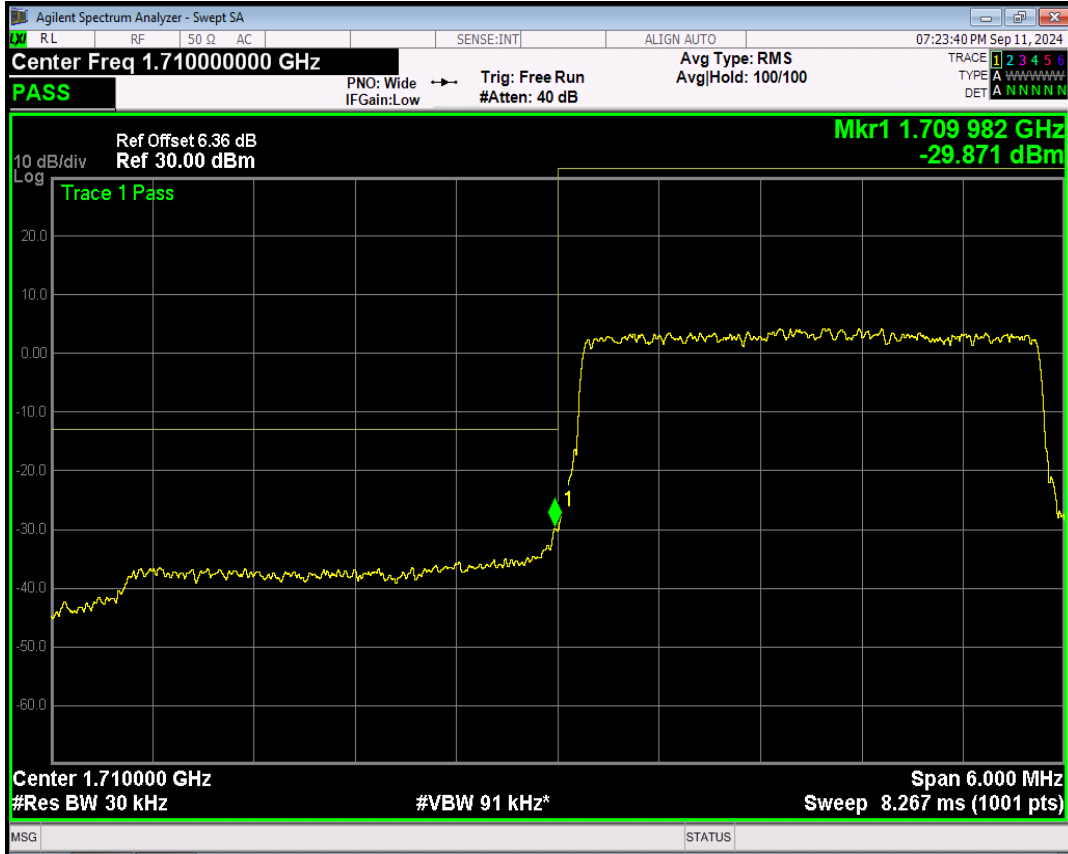
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



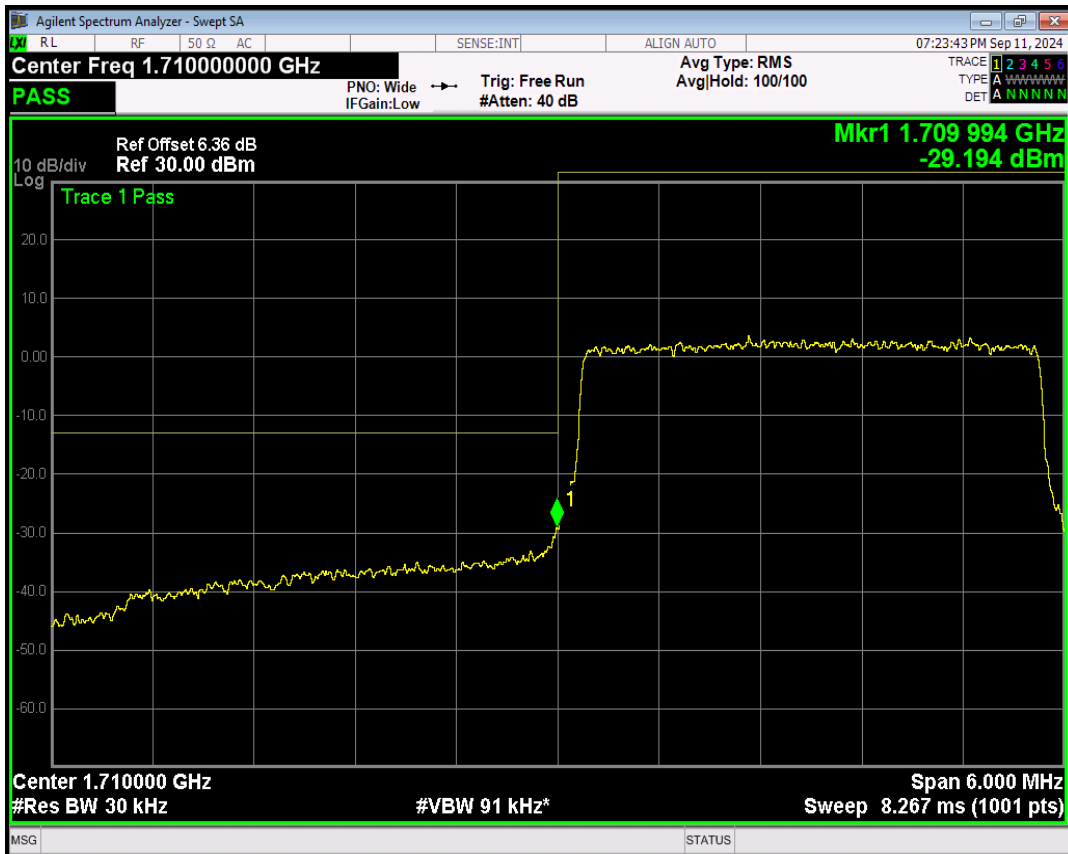
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



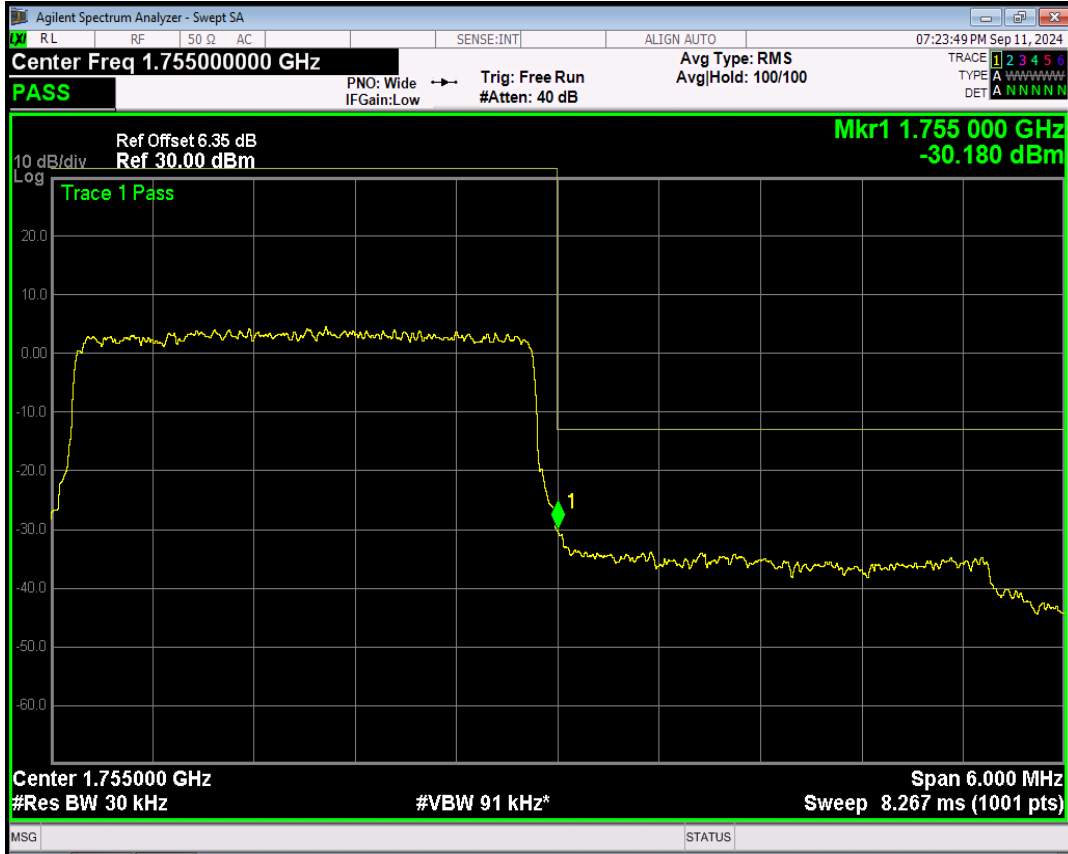
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



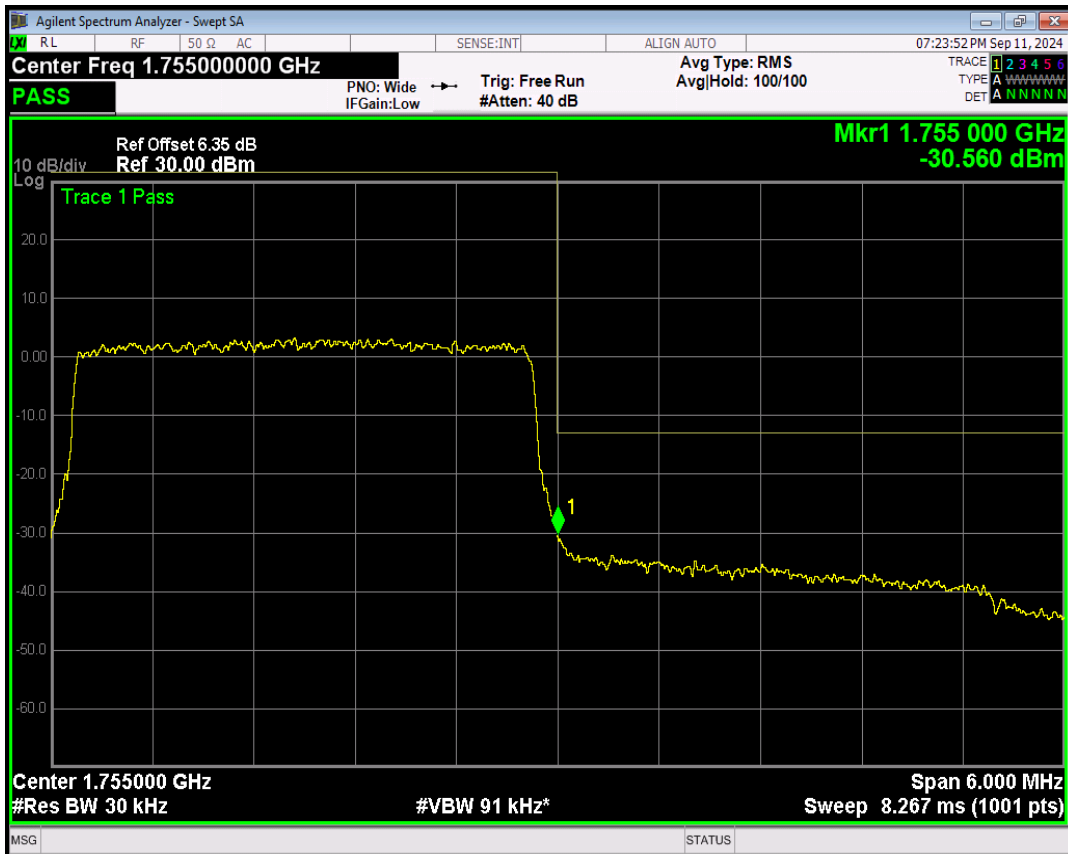
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



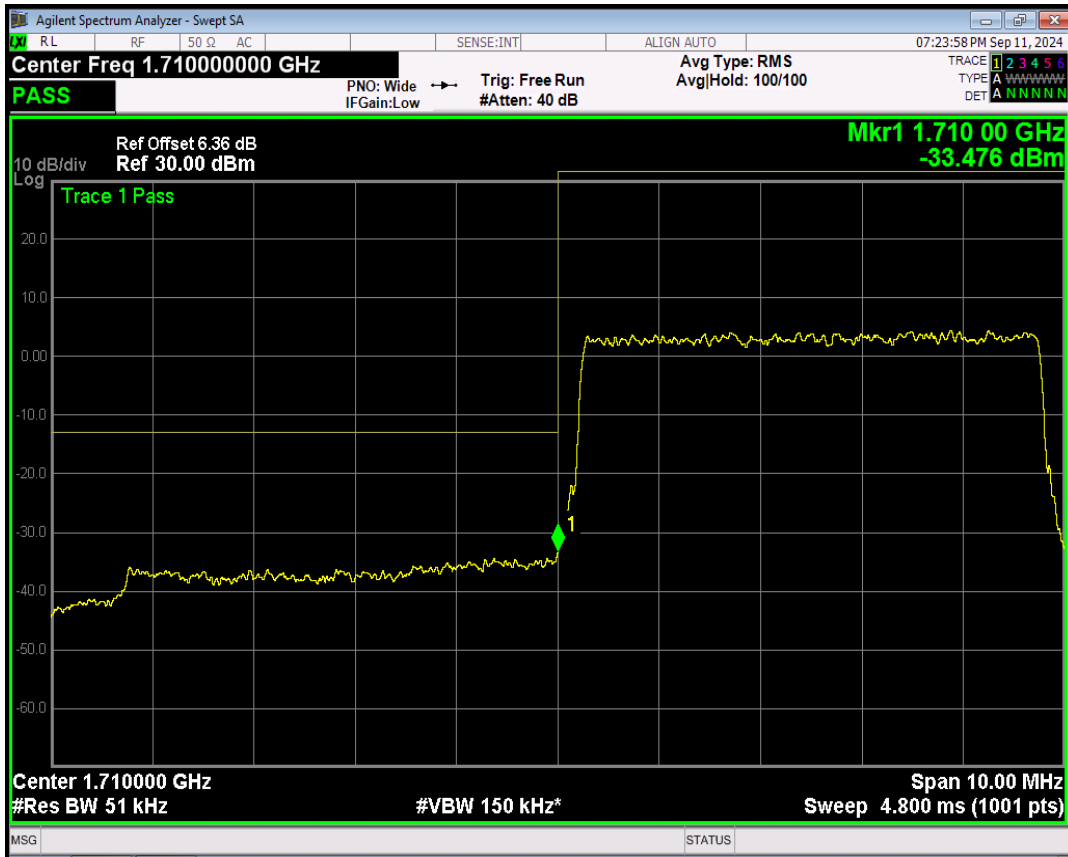
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



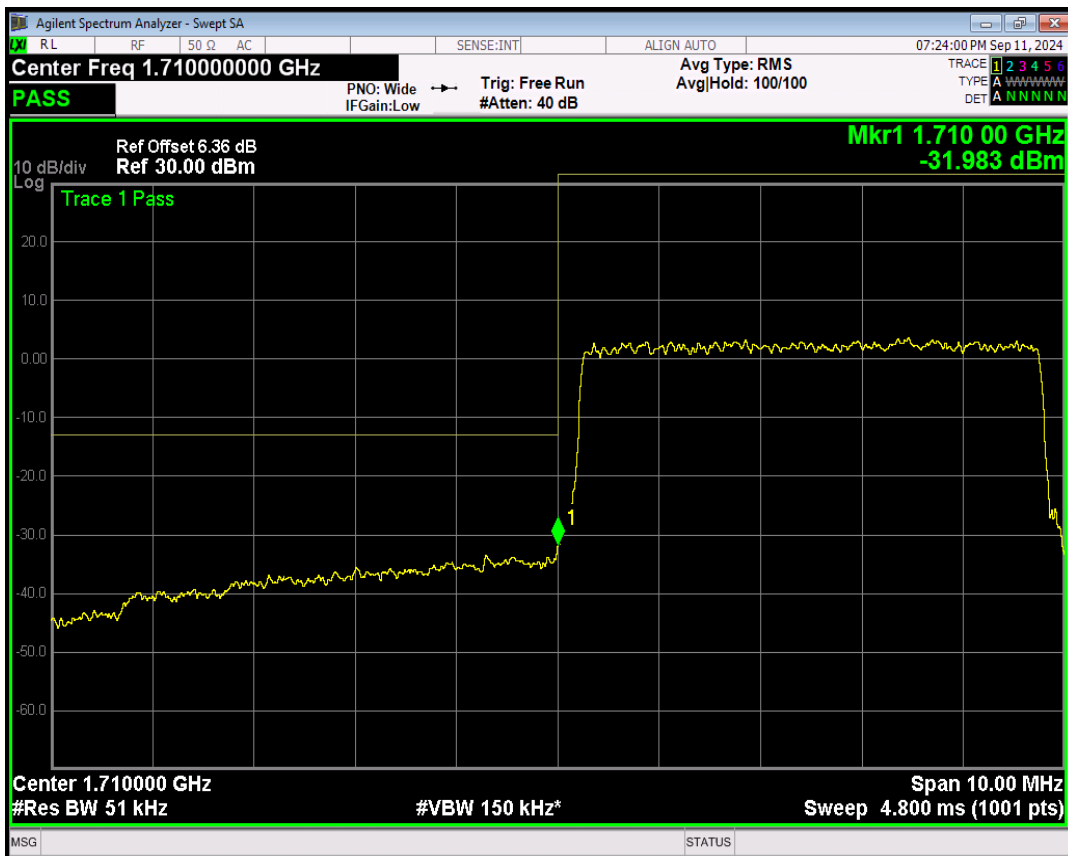
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



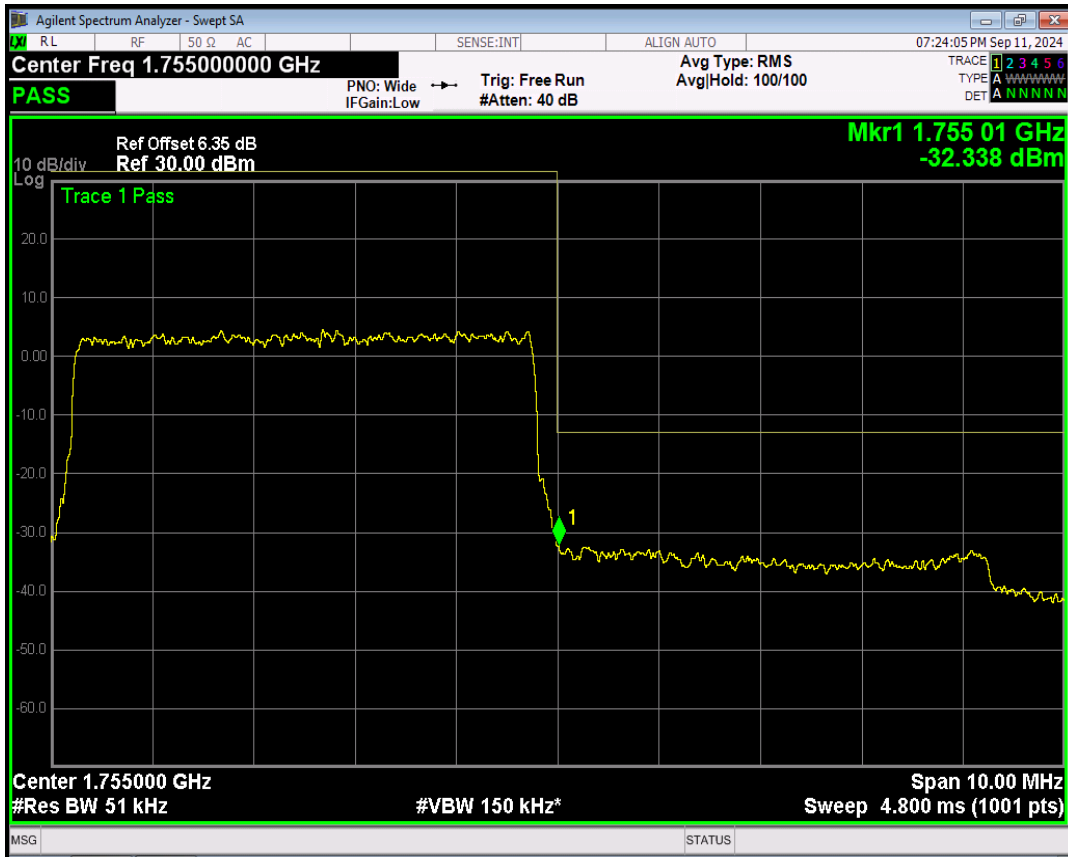
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



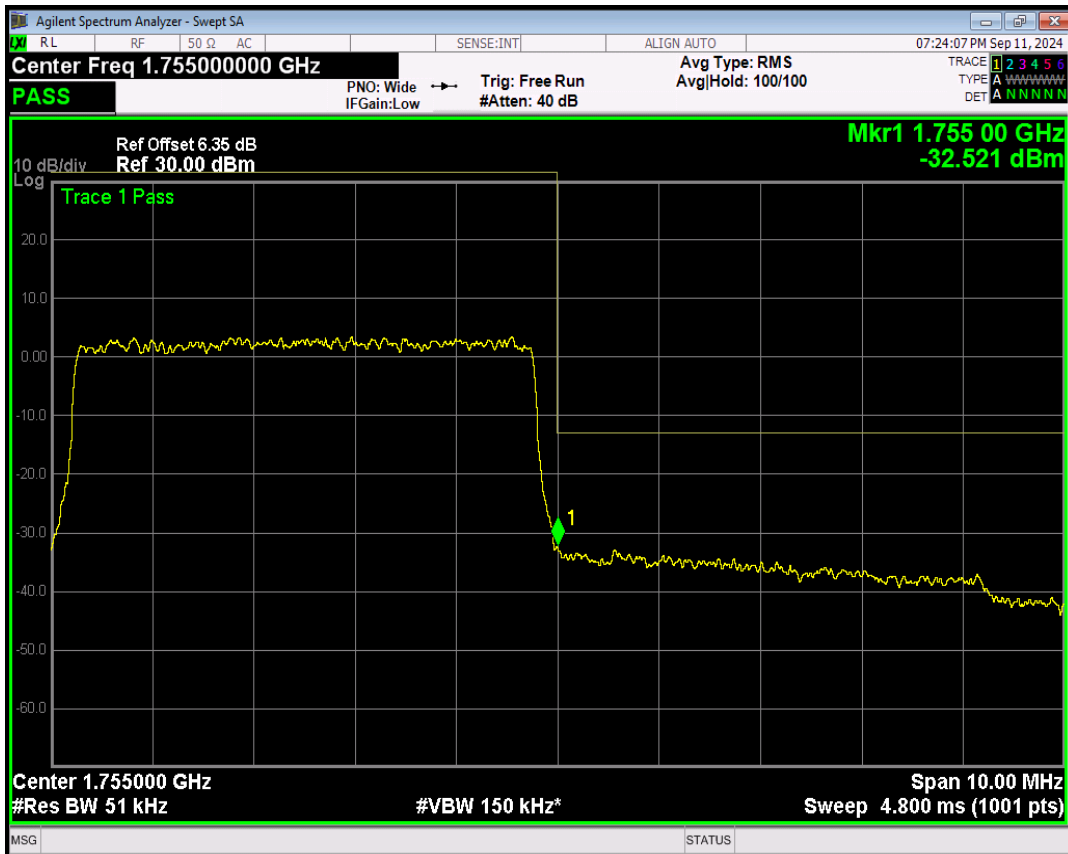
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



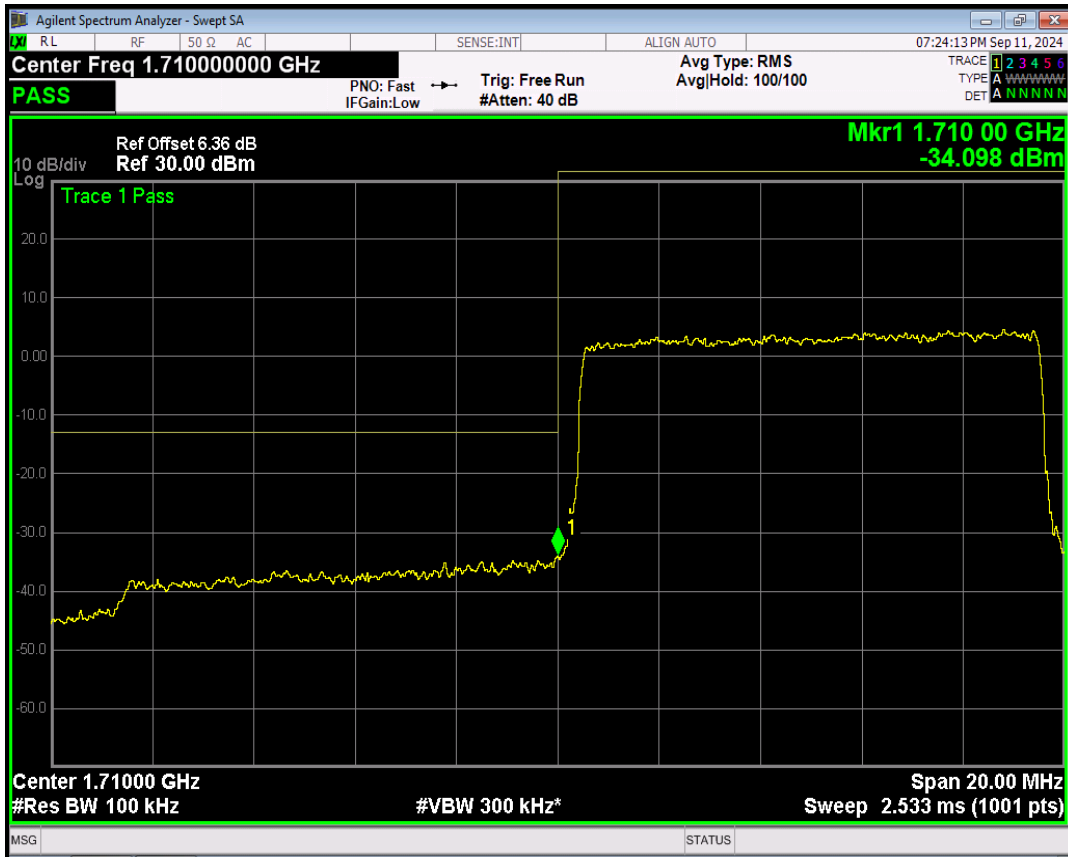
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



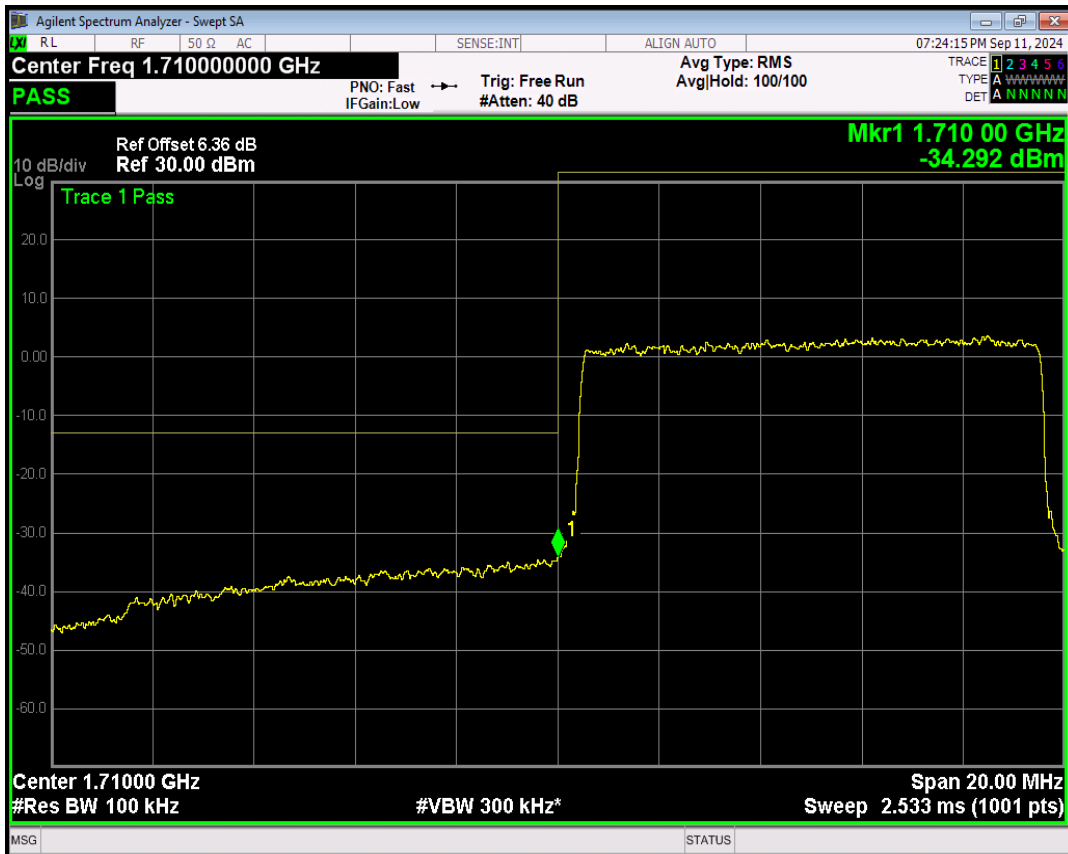
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



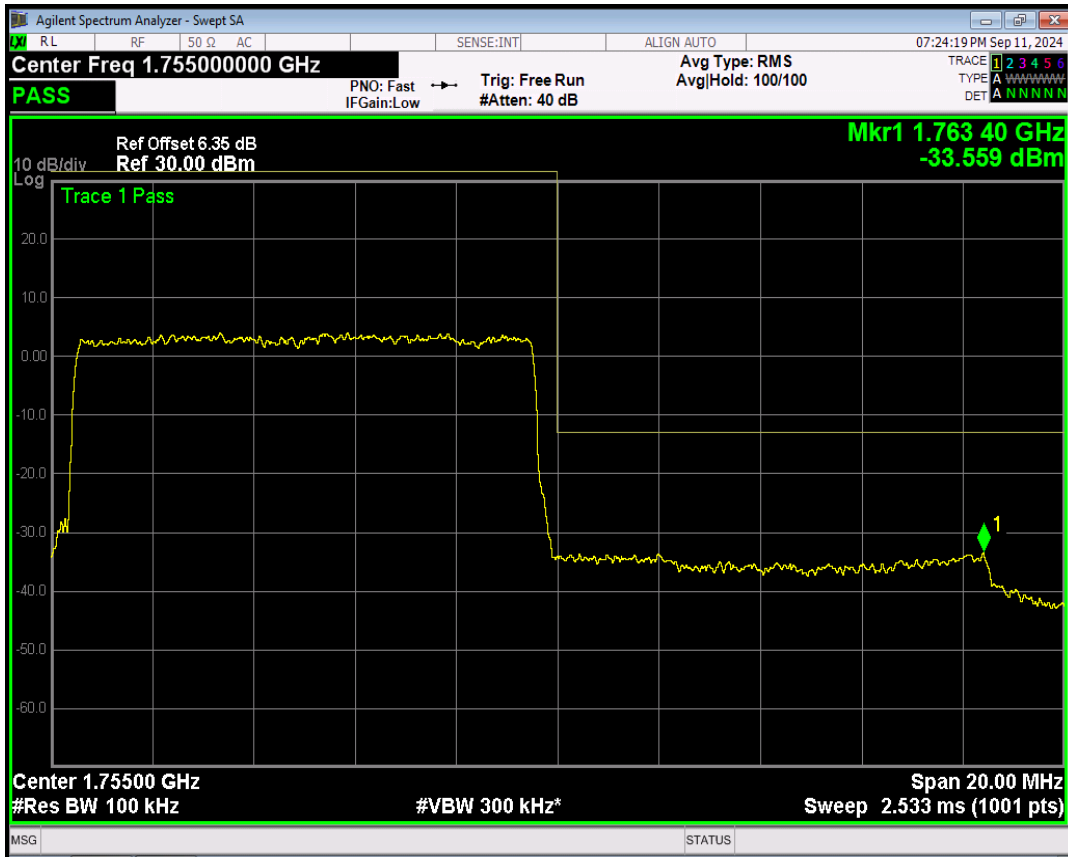
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



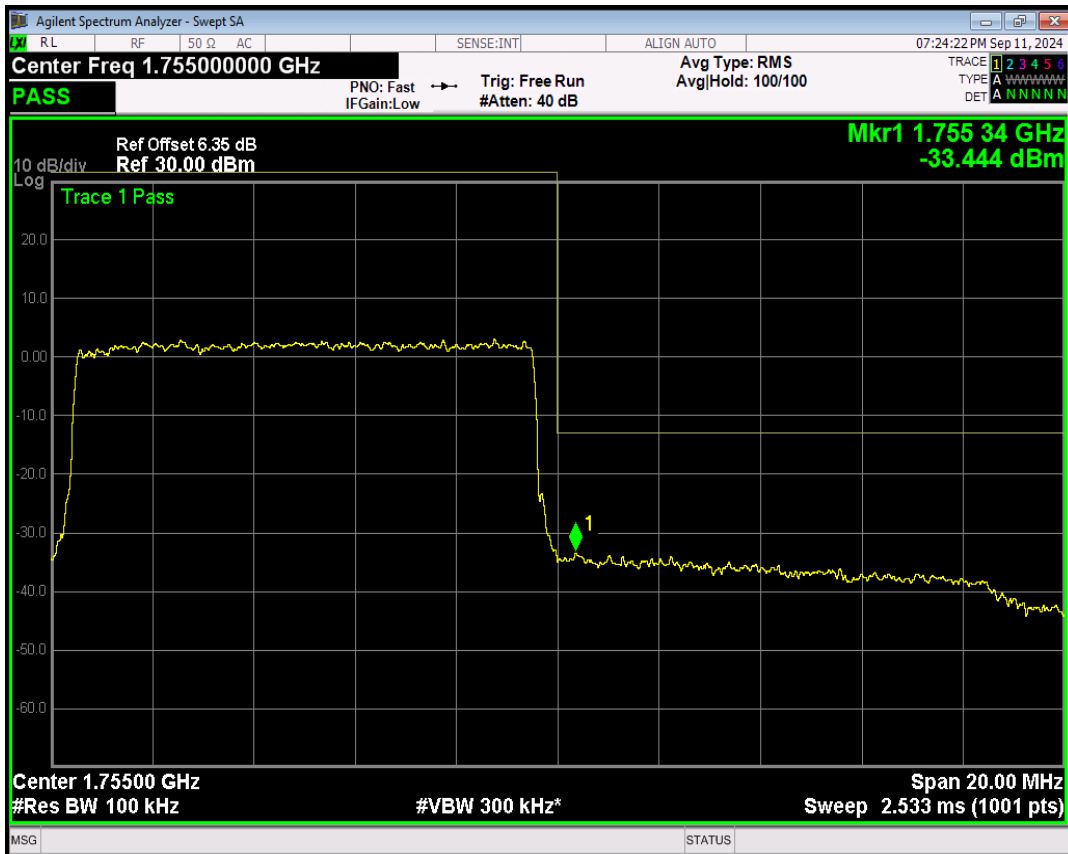
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



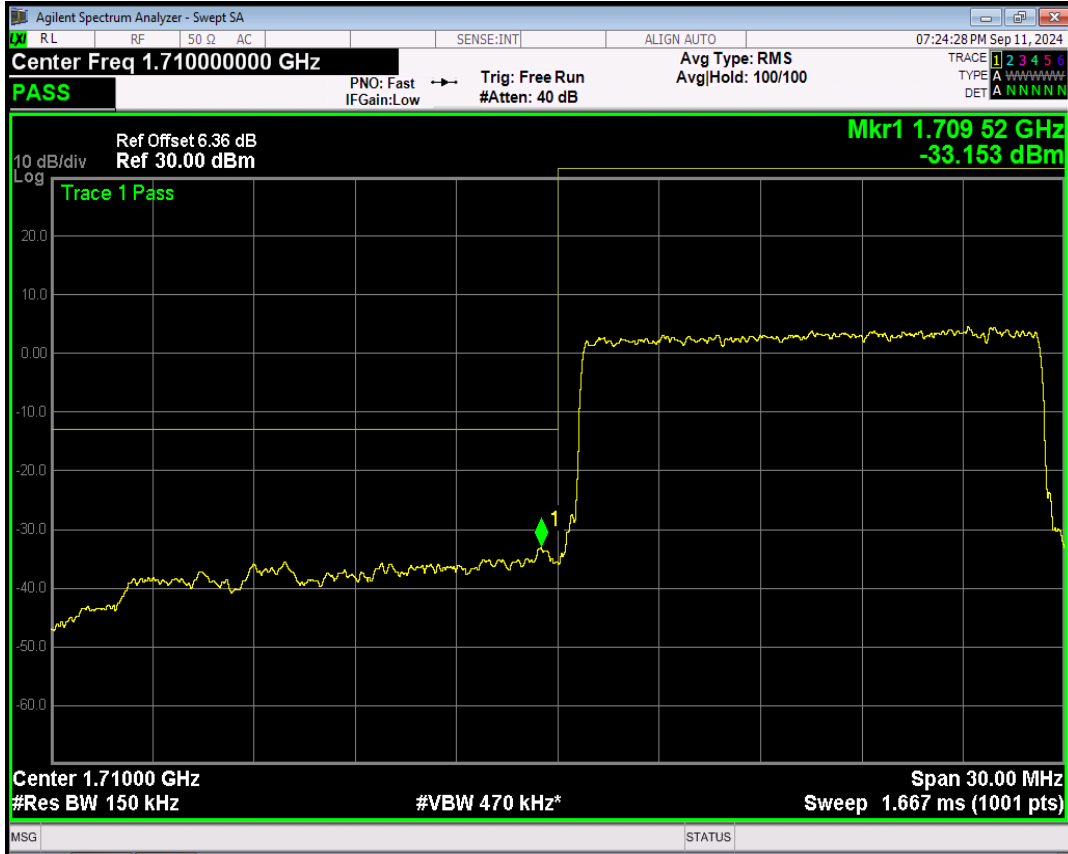
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



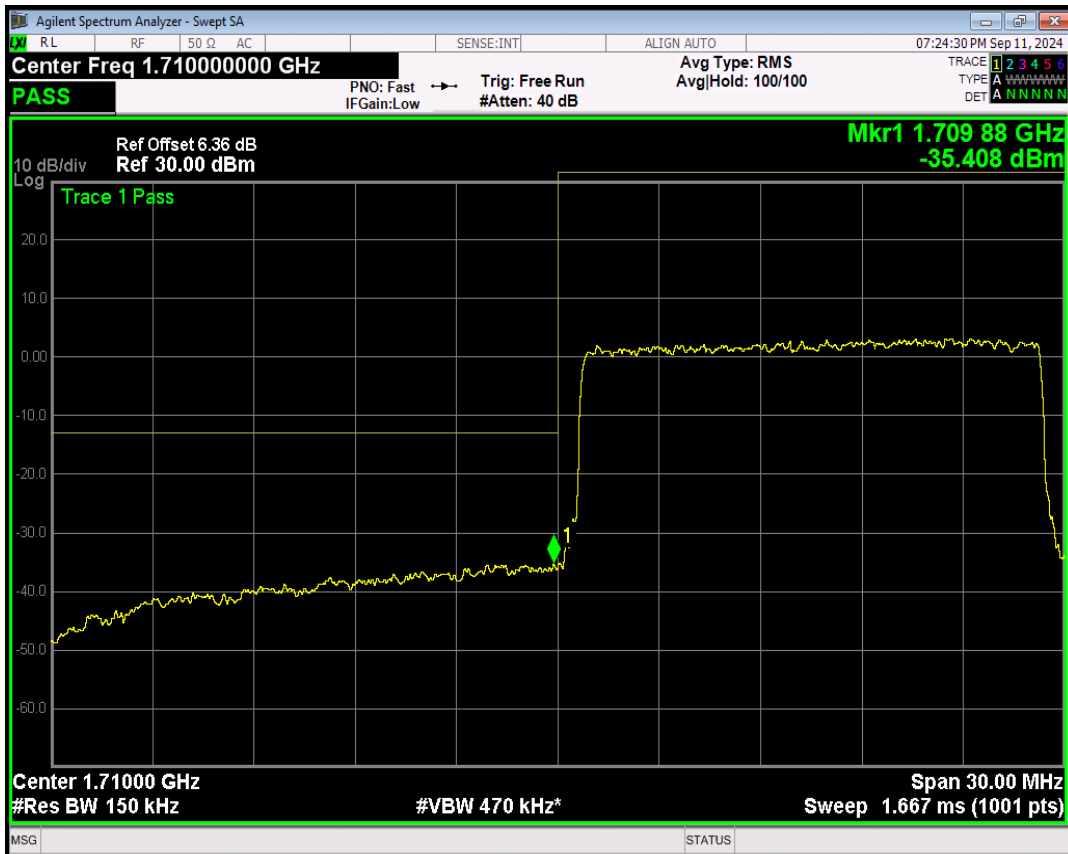
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



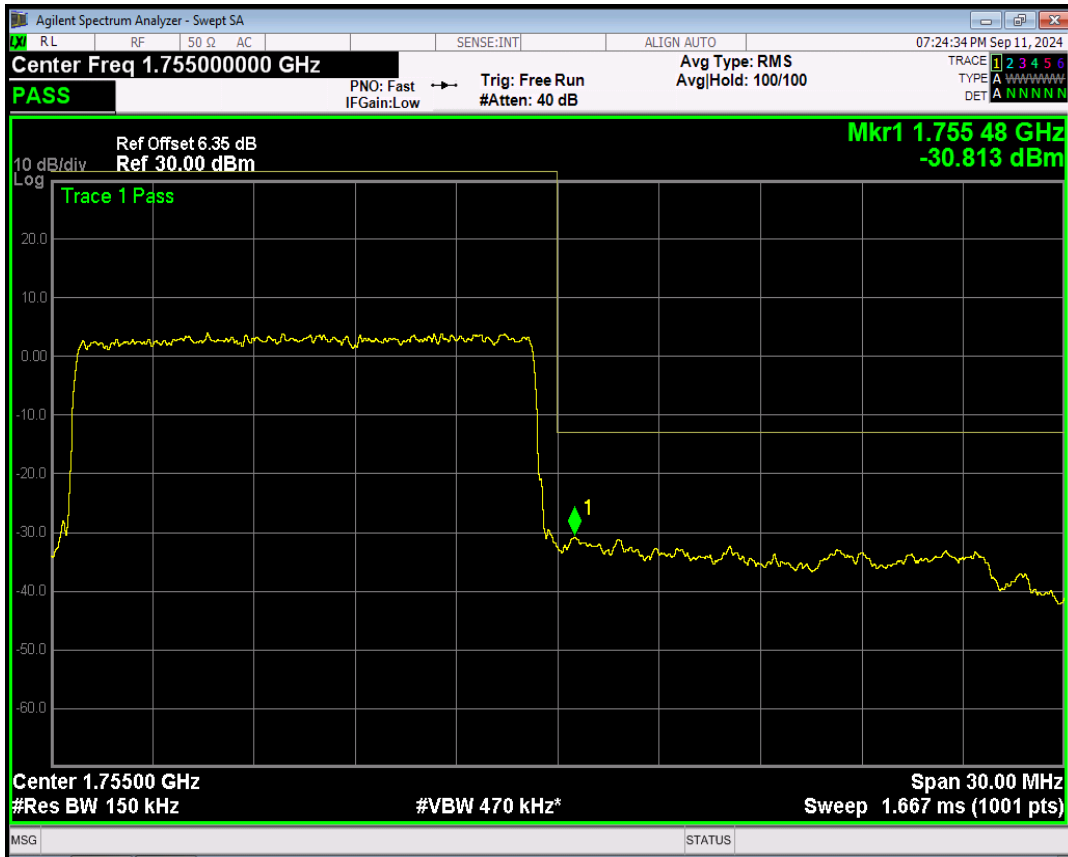
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



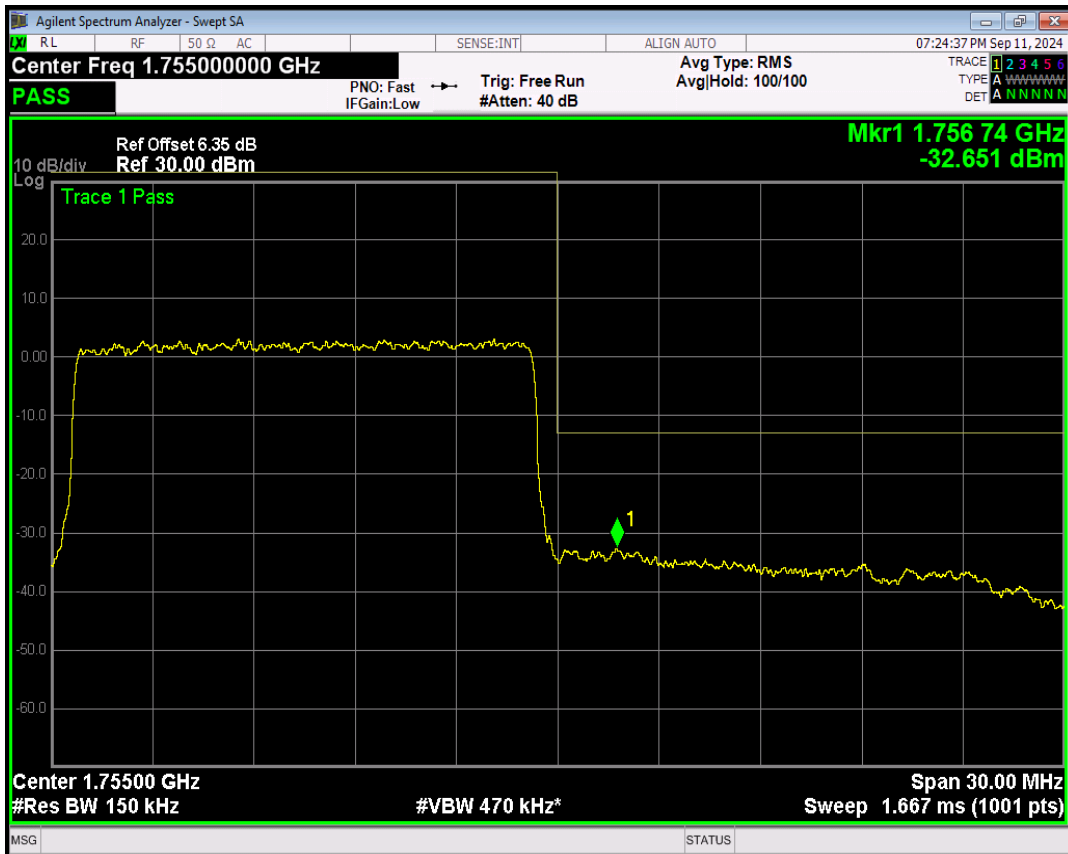
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



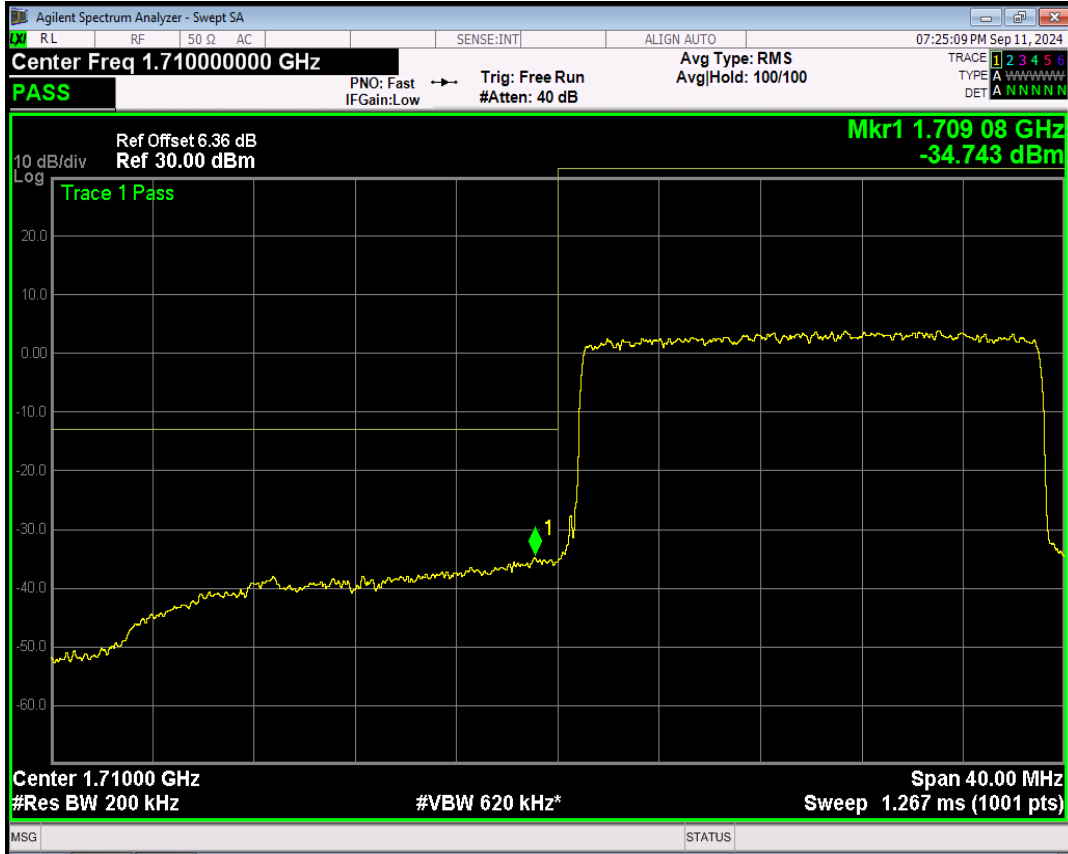
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



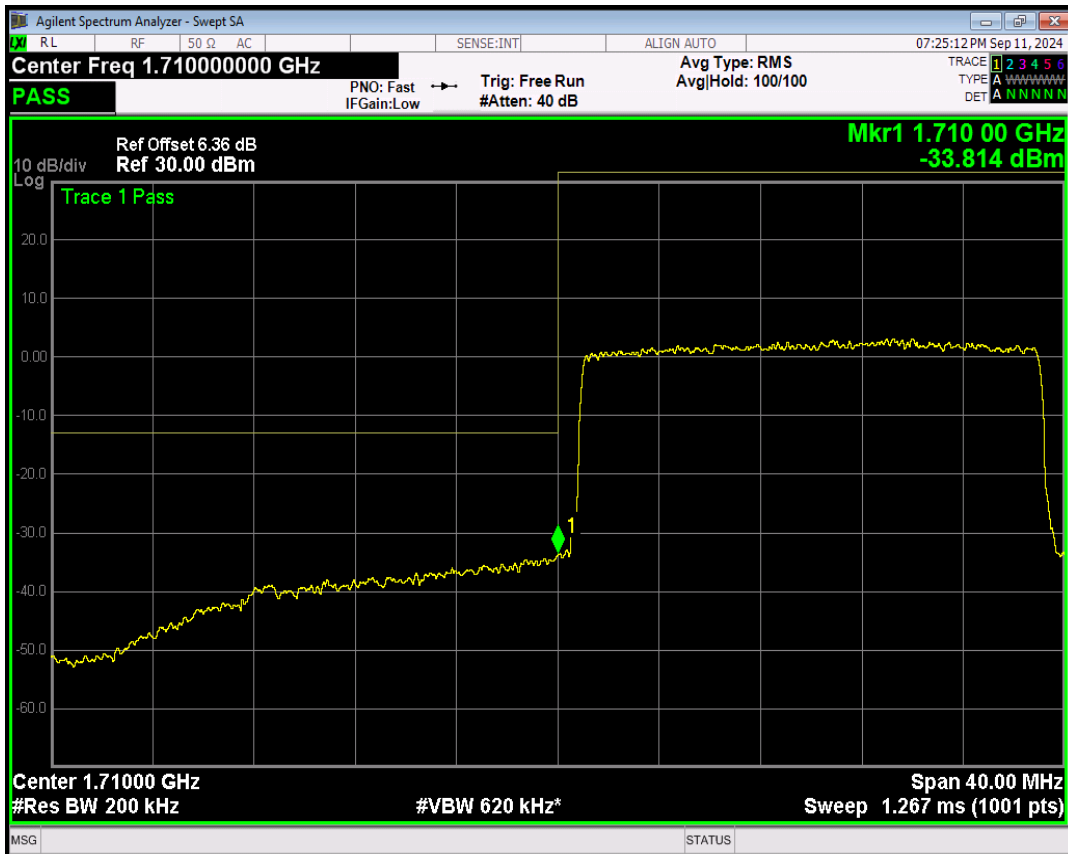
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



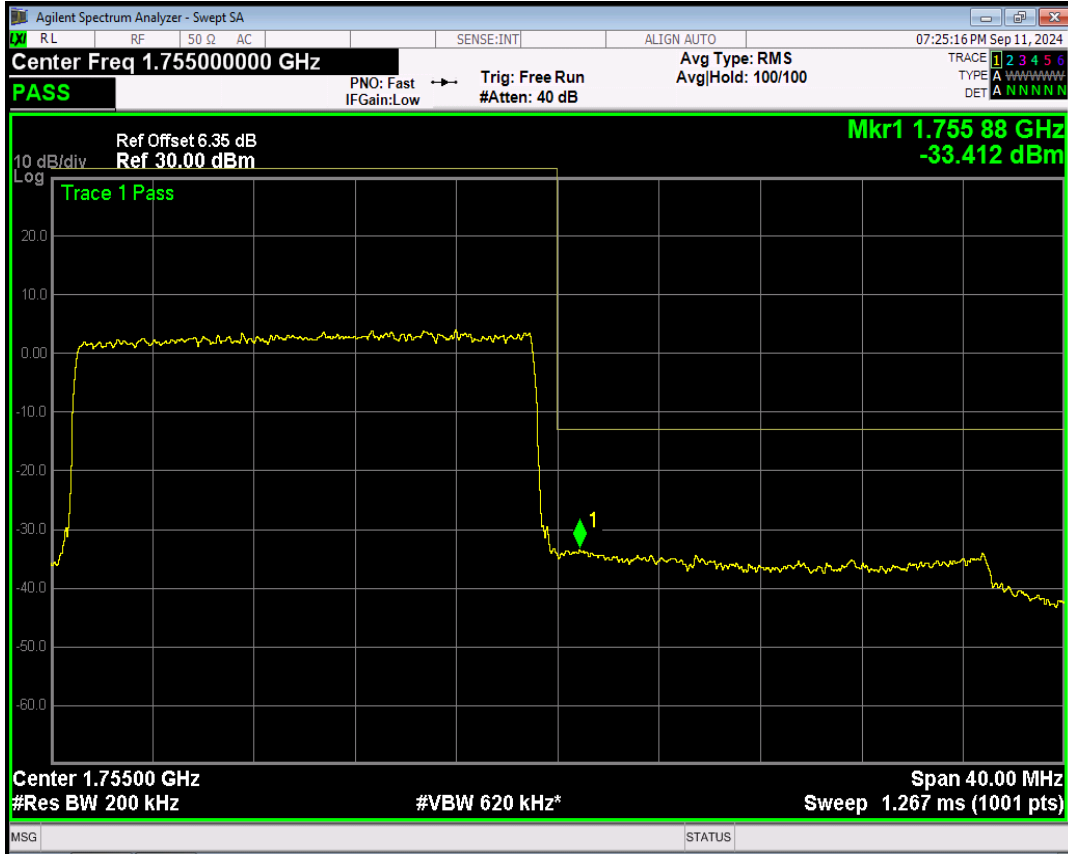
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



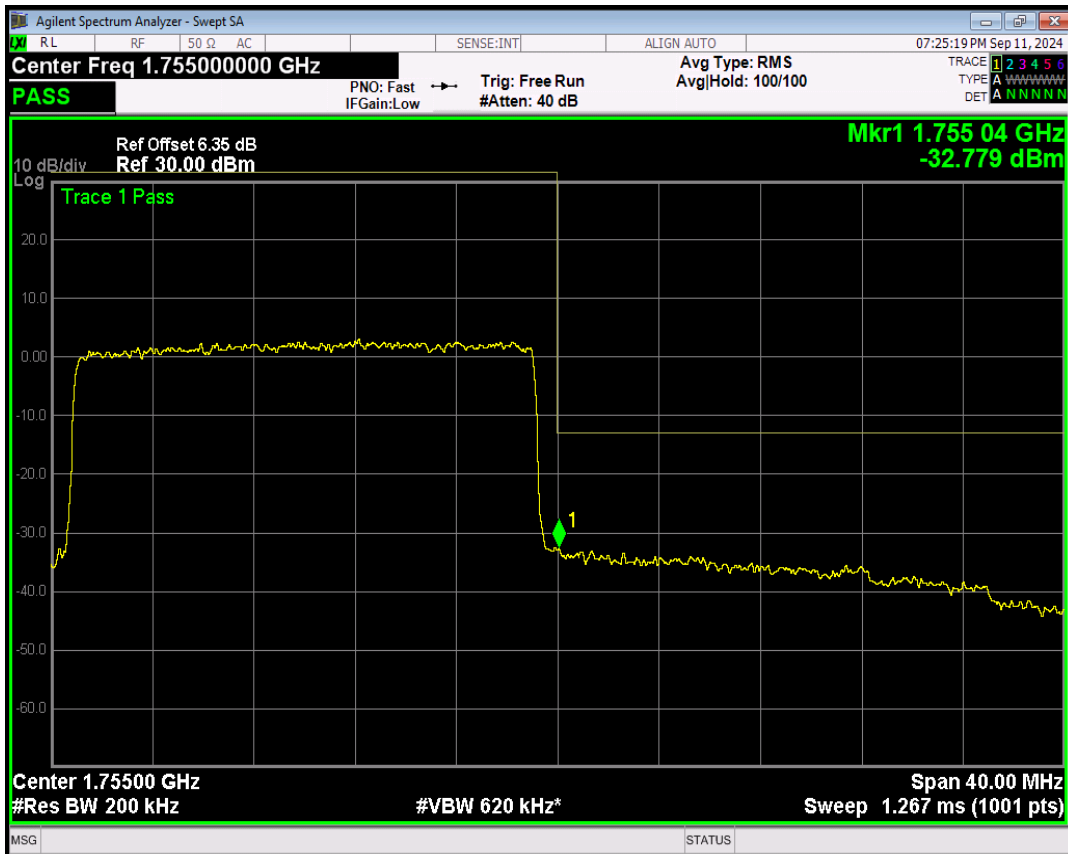
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



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



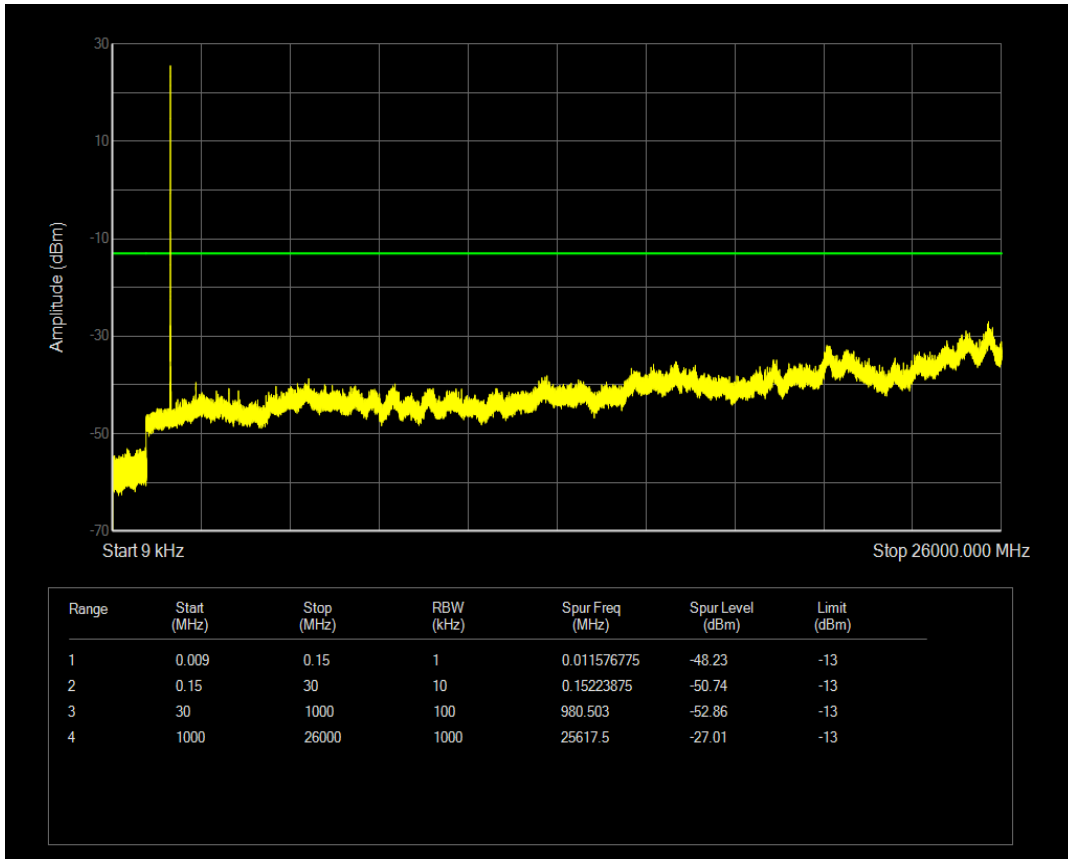
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



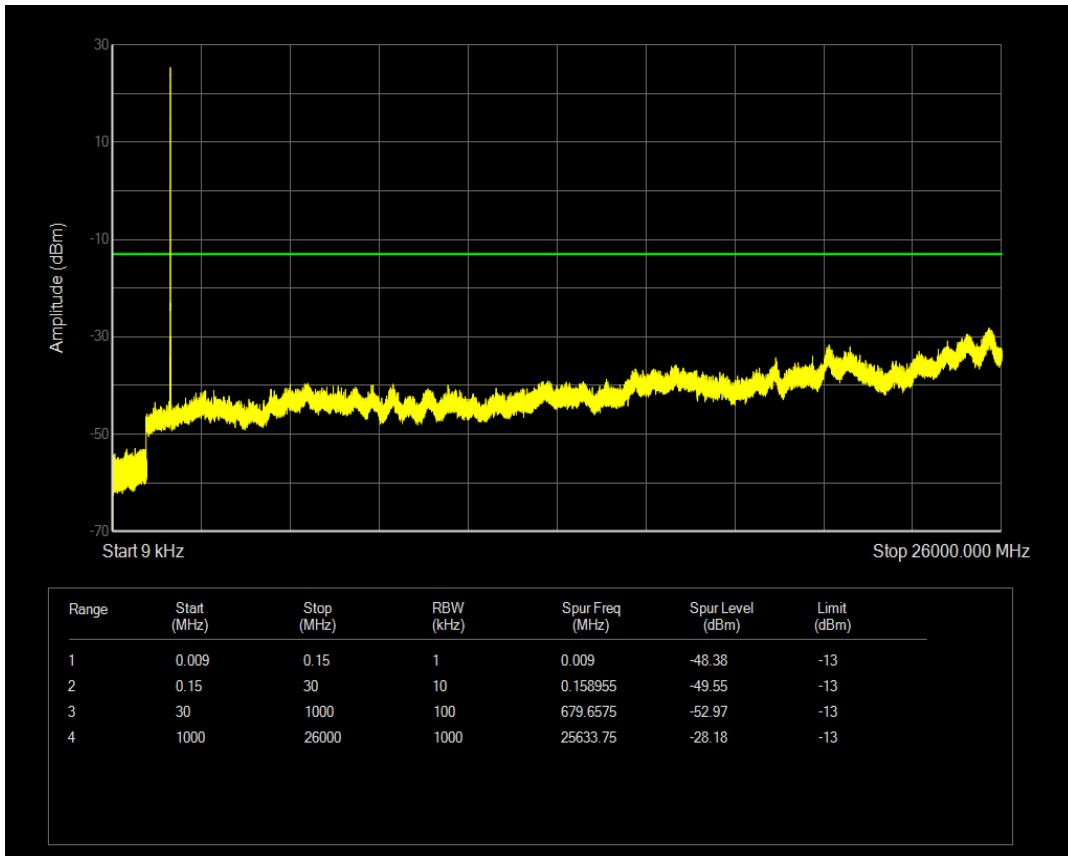
Appendix 6. Out-of-band emissions

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	25617.50	-27.01	-13	PASS
Band4	1.4	19957	6	#0	16QAM	25633.75	-28.18	-13	PASS
Band4	1.4	20175	6	#0	QPSK	25644.38	-27.36	-13	PASS
Band4	1.4	20175	6	#0	16QAM	25657.50	-27.83	-13	PASS
Band4	1.4	20393	6	#0	QPSK	25699.38	-27.41	-13	PASS
Band4	1.4	20393	6	#0	16QAM	25682.50	-27.51	-13	PASS
Band4	3	19965	15	#0	QPSK	25621.25	-27.71	-13	PASS
Band4	3	19965	15	#0	16QAM	25672.50	-27.62	-13	PASS
Band4	3	20175	15	#0	QPSK	25688.13	-27.43	-13	PASS
Band4	3	20175	15	#0	16QAM	25621.88	-27.56	-13	PASS
Band4	3	20385	15	#0	QPSK	25685.00	-27.79	-13	PASS
Band4	3	20385	15	#0	16QAM	25735.00	-27.74	-13	PASS
Band4	5	19975	25	#0	QPSK	25745.00	-27.05	-13	PASS
Band4	5	19975	25	#0	16QAM	25629.38	-27.66	-13	PASS
Band4	5	20175	25	#0	QPSK	25630.00	-27.72	-13	PASS
Band4	5	20175	25	#0	16QAM	25597.50	-27.91	-13	PASS
Band4	5	20375	25	#0	QPSK	25686.25	-28.13	-13	PASS
Band4	5	20375	25	#0	16QAM	25650.63	-27.47	-13	PASS
Band4	10	20000	50	#0	QPSK	25608.13	-27.29	-13	PASS
Band4	10	20000	50	#0	16QAM	25636.25	-26.93	-13	PASS
Band4	10	20175	50	#0	QPSK	25678.75	-27.26	-13	PASS
Band4	10	20175	50	#0	16QAM	25624.38	-27.65	-13	PASS
Band4	10	20350	50	#0	QPSK	25678.13	-27.57	-13	PASS
Band4	10	20350	50	#0	16QAM	25650.63	-27.49	-13	PASS
Band4	15	20025	75	#0	QPSK	25703.75	-27.42	-13	PASS
Band4	15	20025	75	#0	16QAM	25606.25	-26.13	-13	PASS
Band4	15	20175	75	#0	QPSK	25666.88	-27.99	-13	PASS
Band4	15	20175	75	#0	16QAM	25641.25	-27.47	-13	PASS
Band4	15	20325	75	#0	QPSK	25721.88	-27.64	-13	PASS
Band4	15	20325	75	#0	16QAM	25660.63	-26.42	-13	PASS
Band4	20	20050	100	#0	QPSK	25649.38	-26.78	-13	PASS
Band4	20	20050	100	#0	16QAM	25660.63	-28.09	-13	PASS
Band4	20	20175	100	#0	QPSK	25588.13	-28.03	-13	PASS
Band4	20	20175	100	#0	16QAM	25636.25	-27.72	-13	PASS
Band4	20	20300	100	#0	QPSK	25631.25	-27.97	-13	PASS
Band4	20	20300	100	#0	16QAM	25669.38	-27.85	-13	PASS

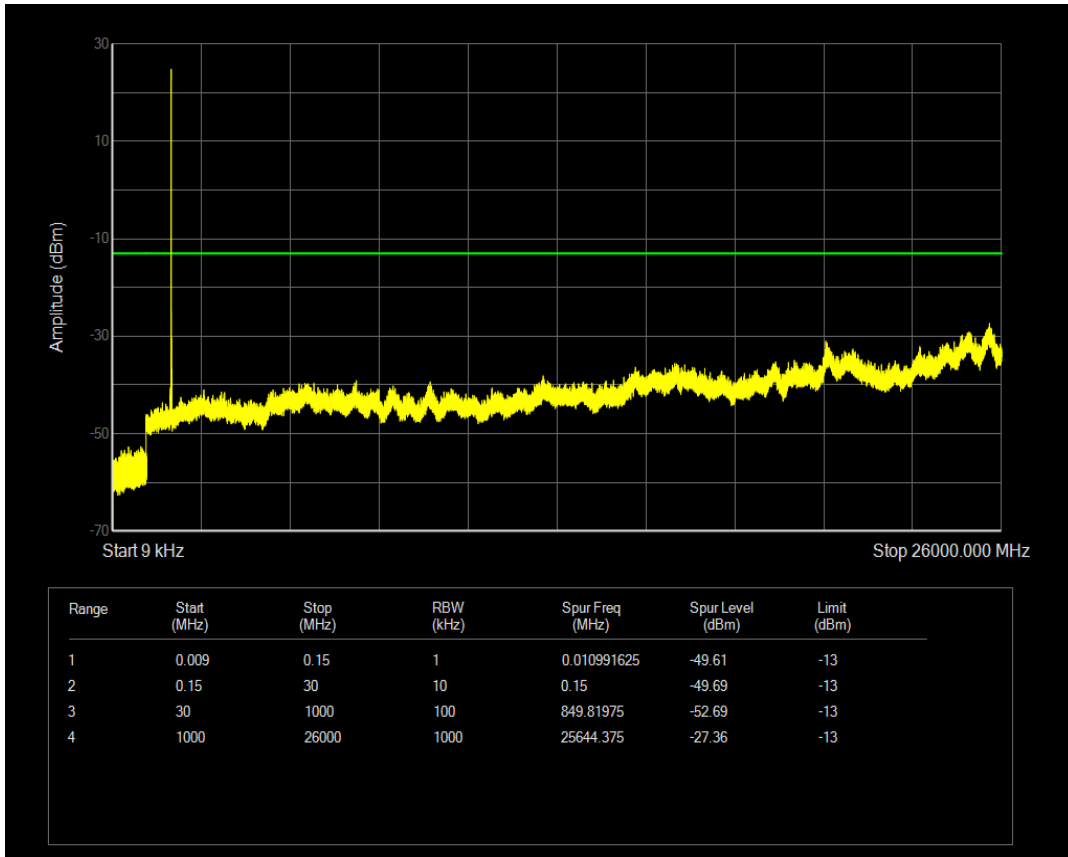
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



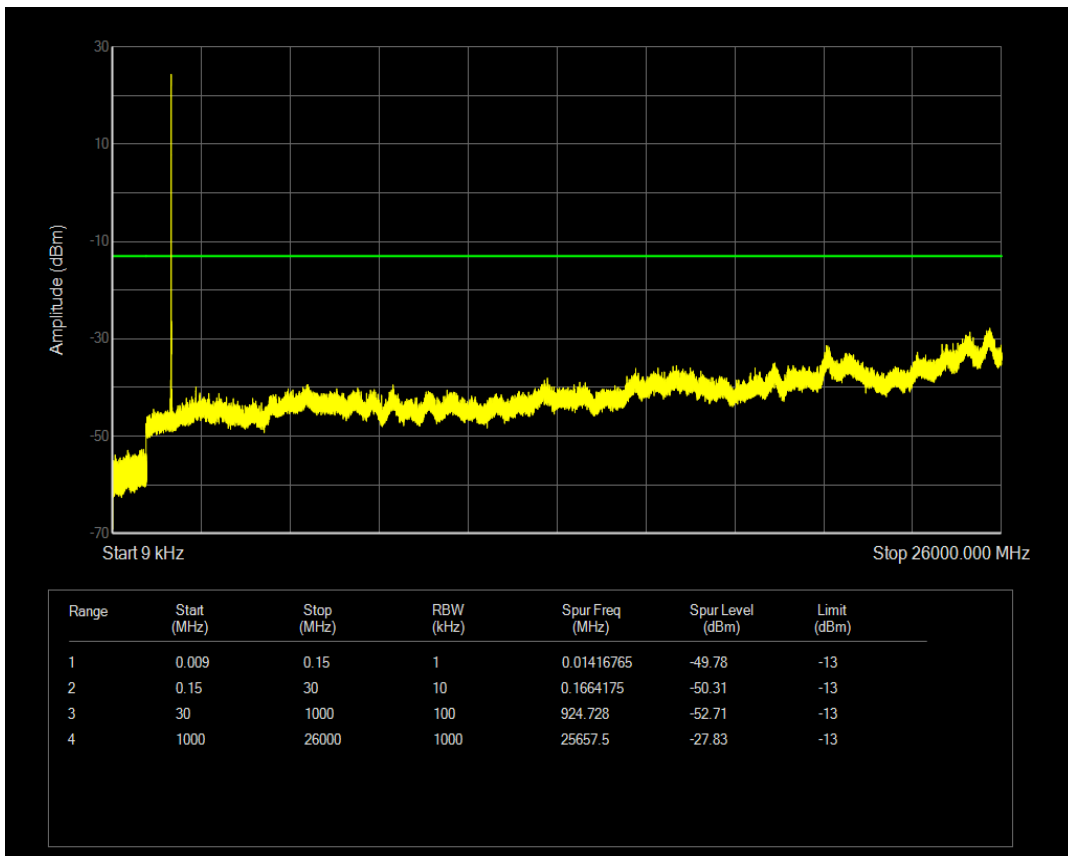
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



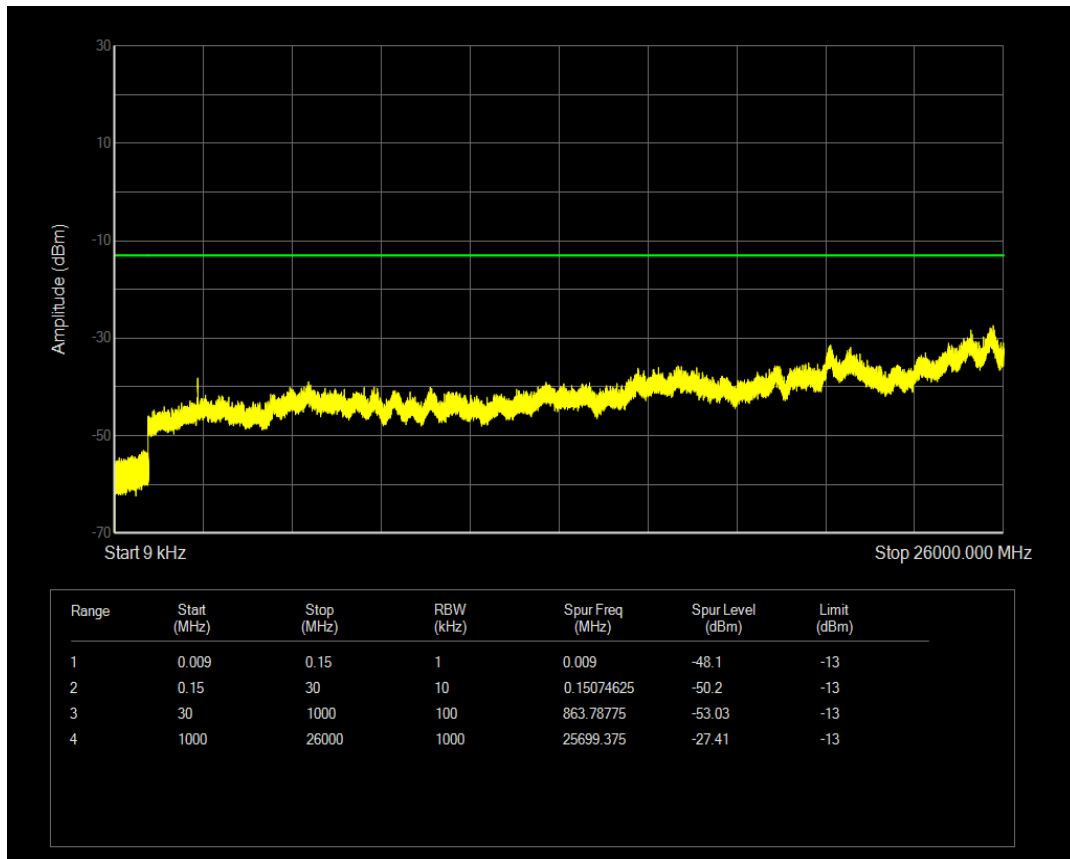
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



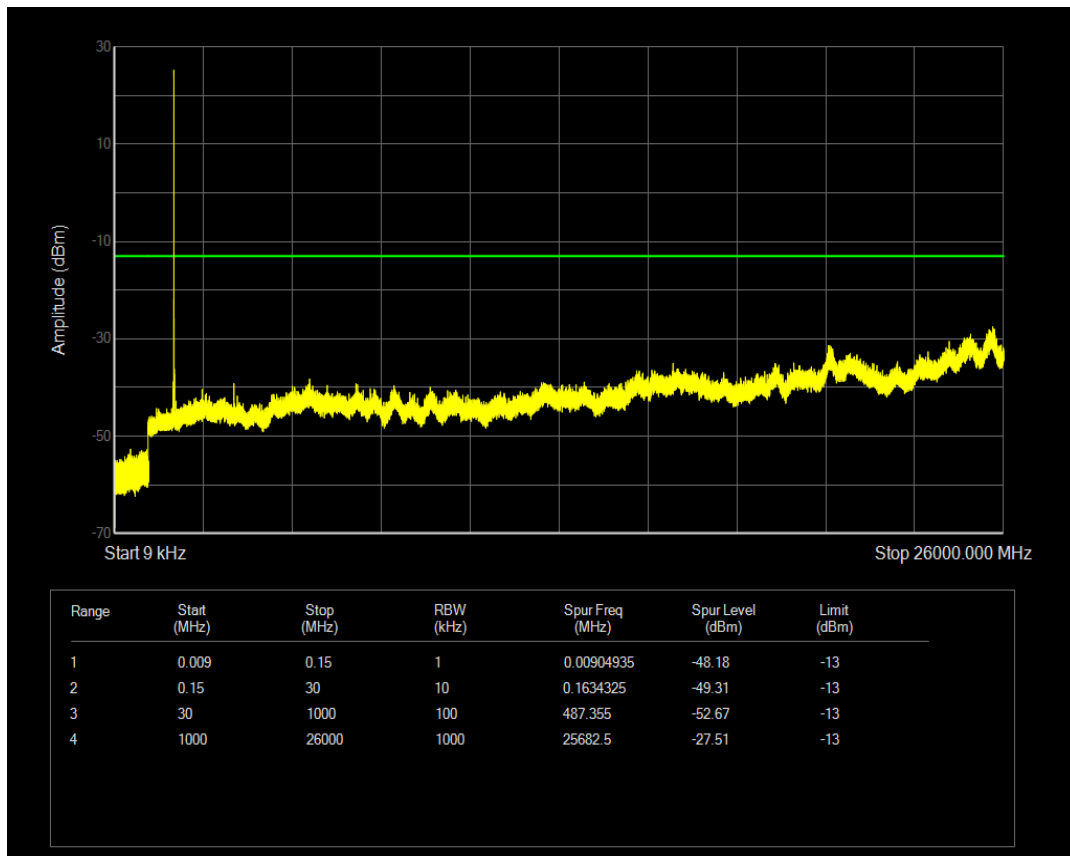
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



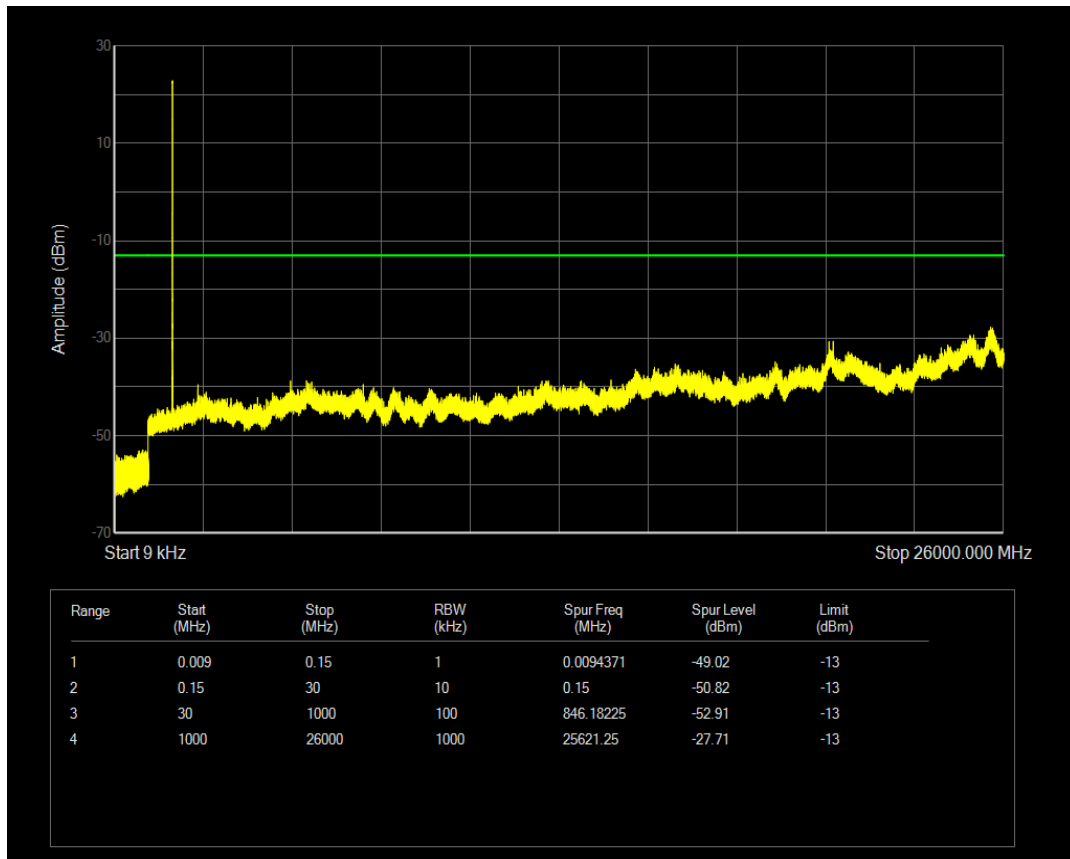
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



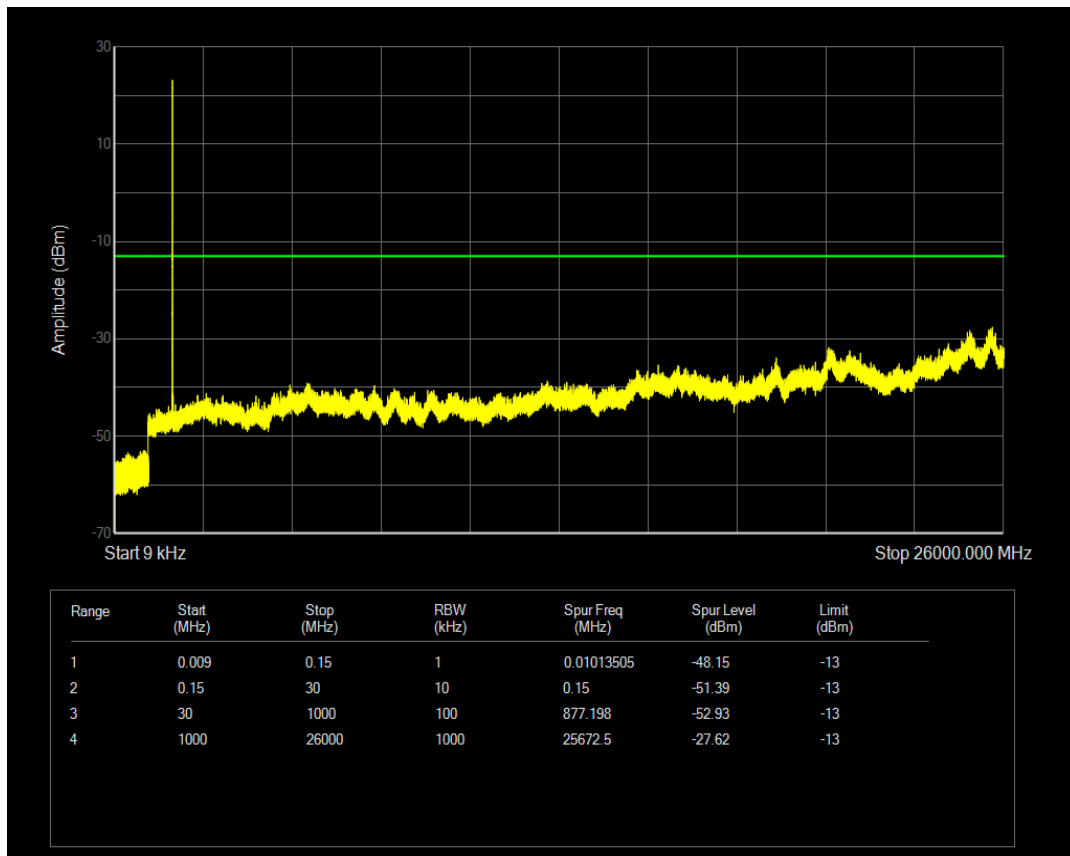
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



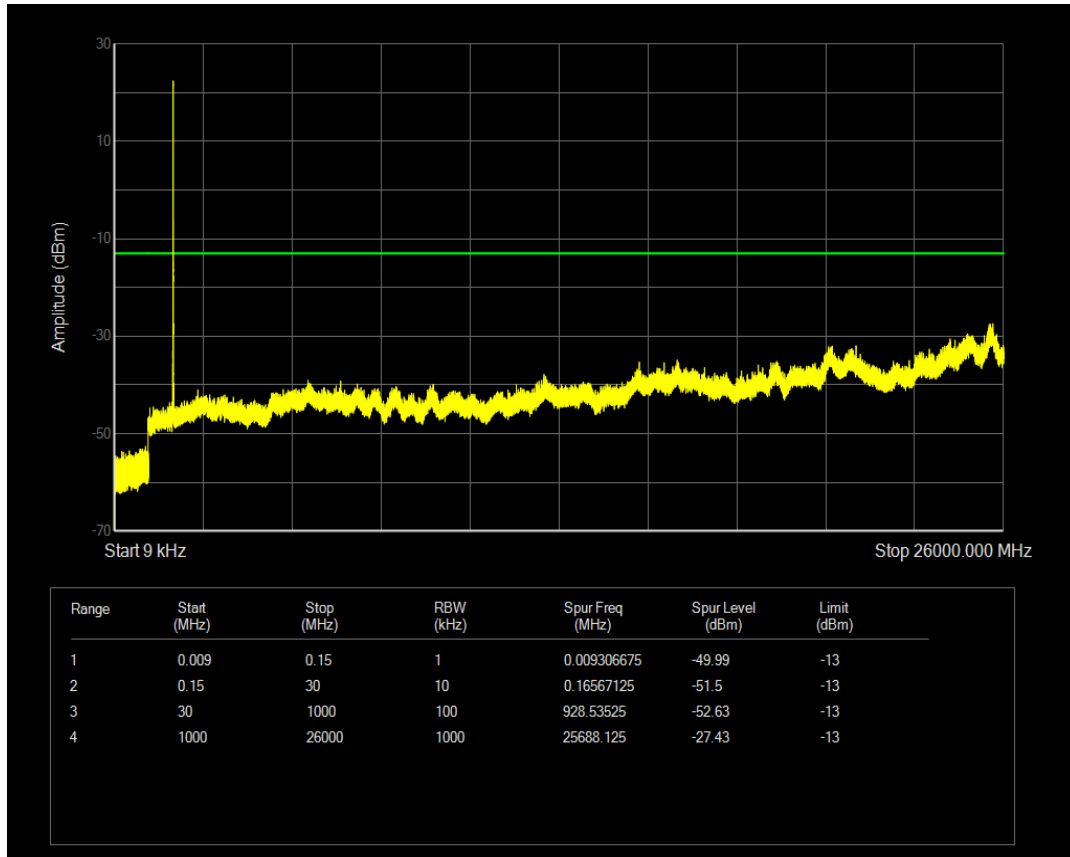
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



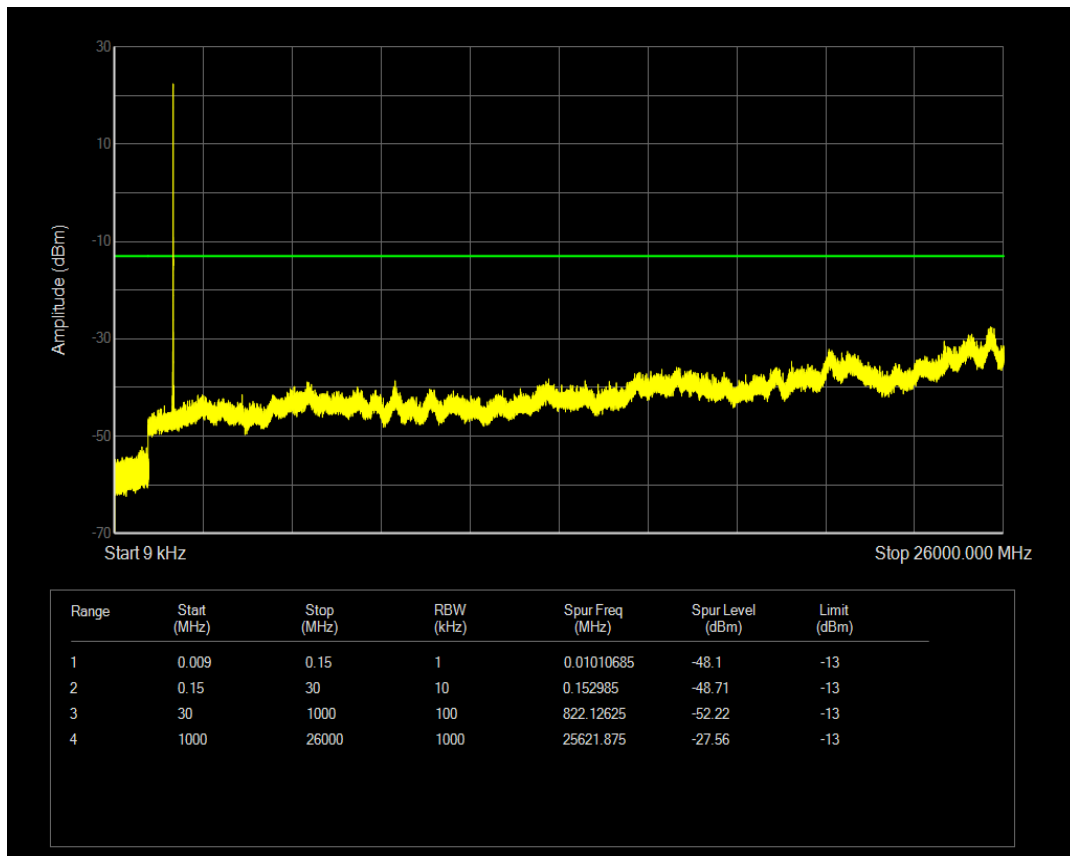
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



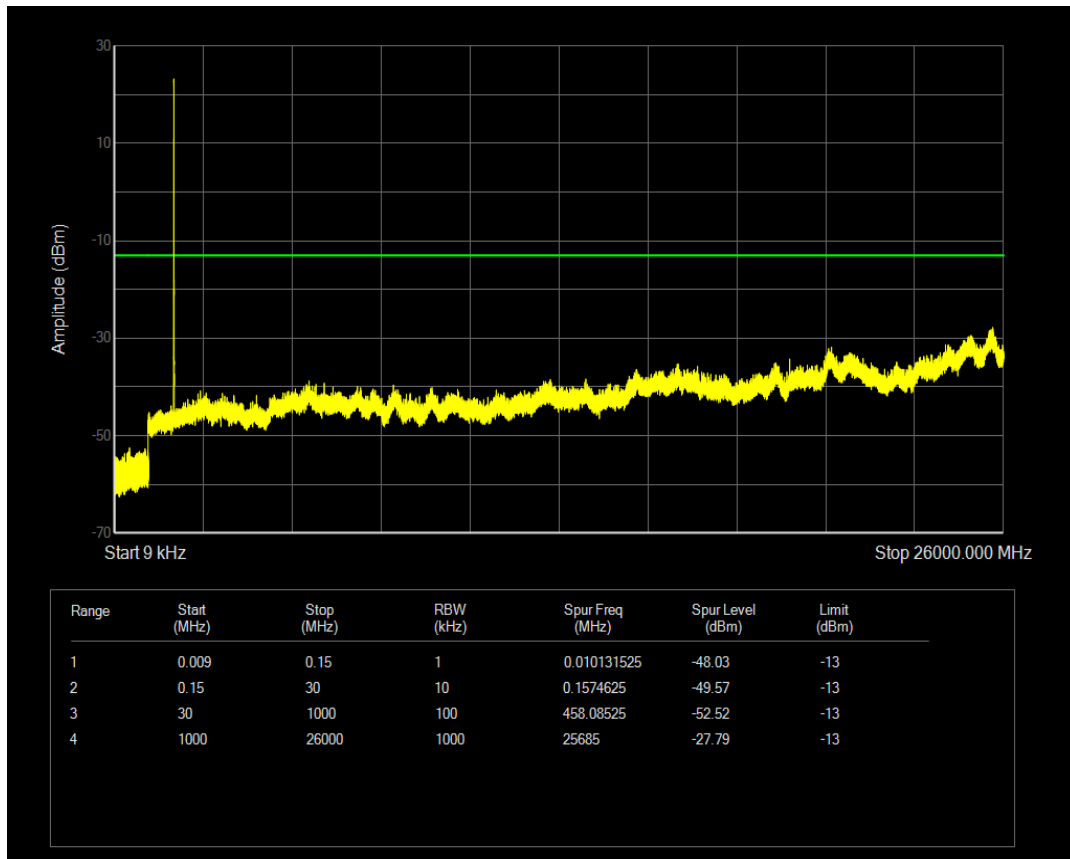
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



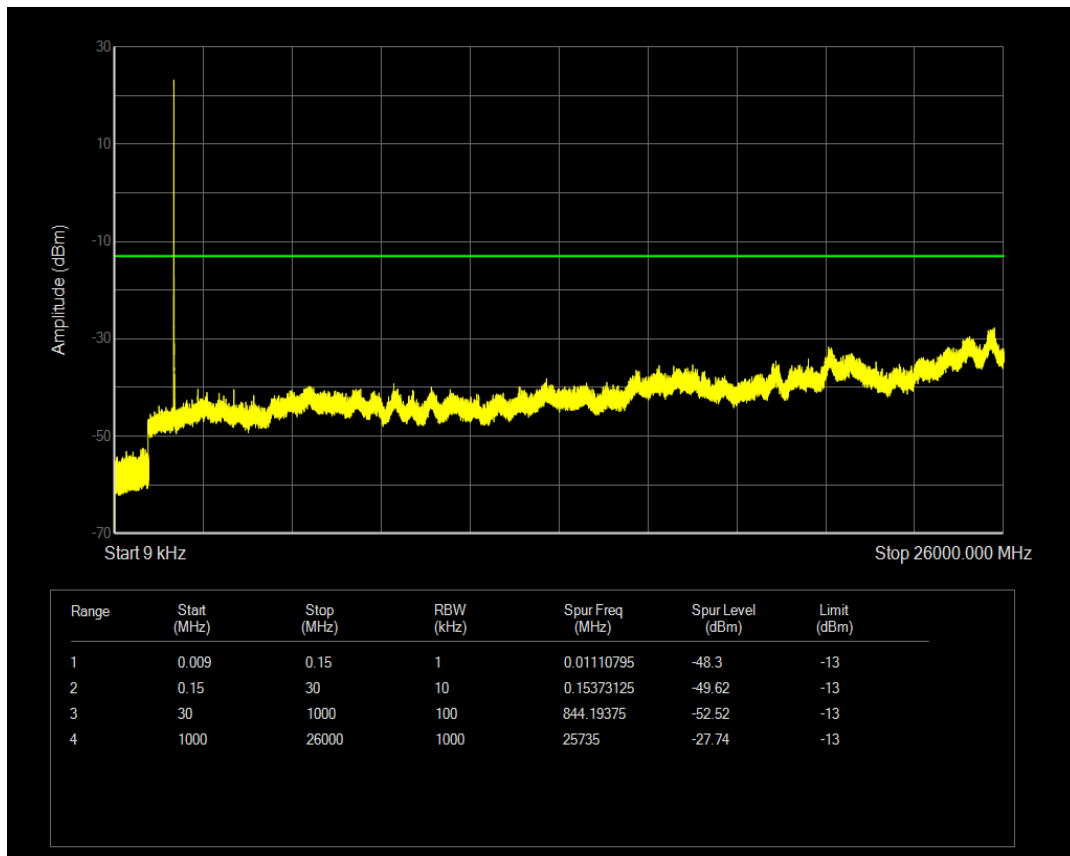
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



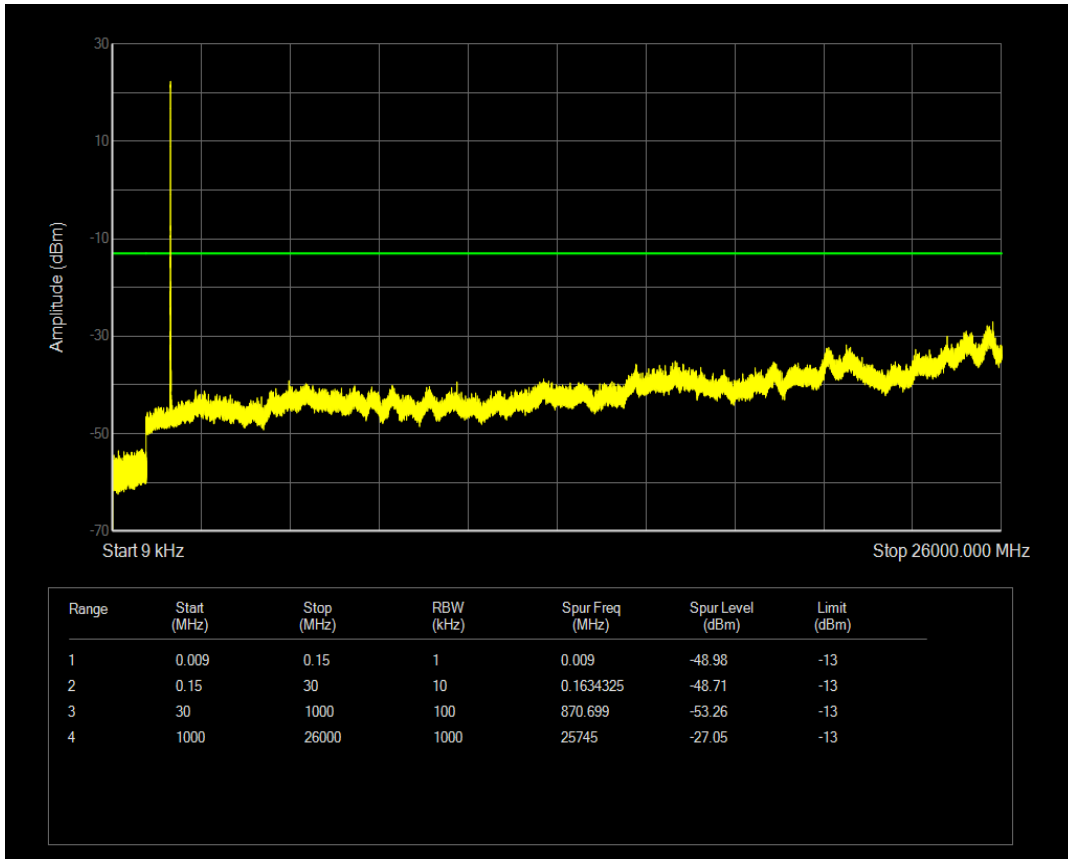
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



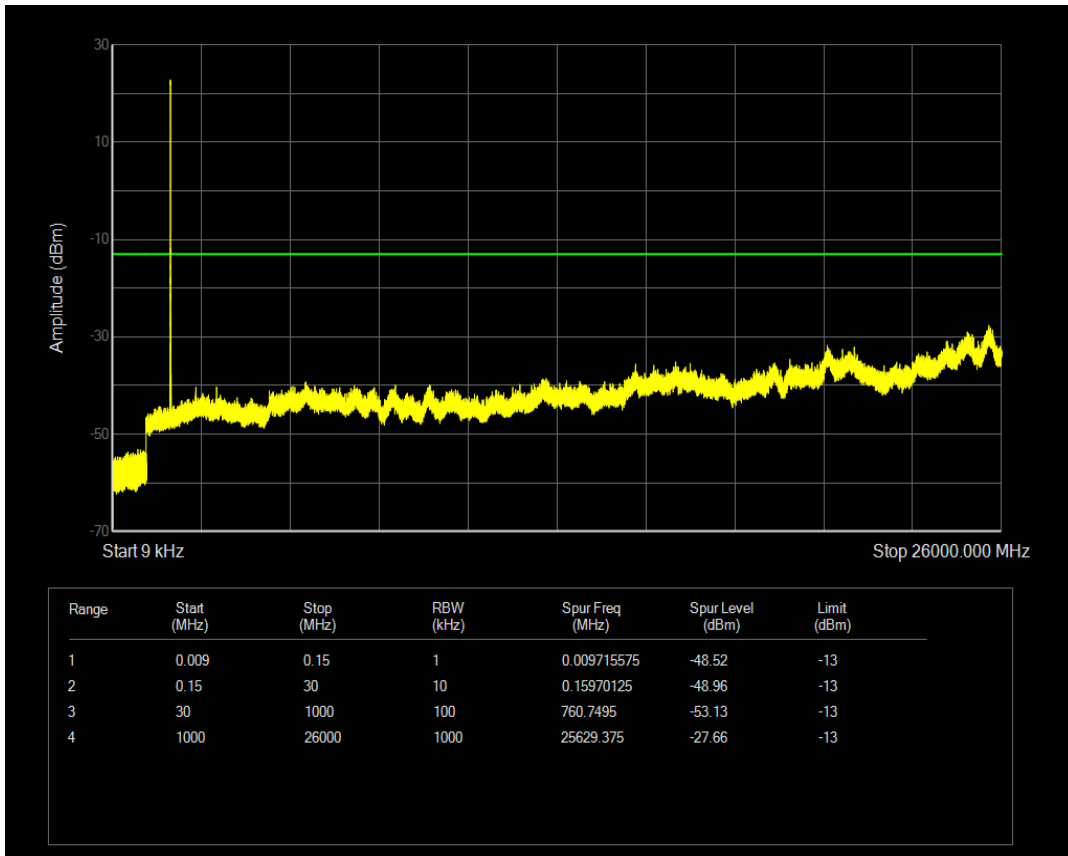
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



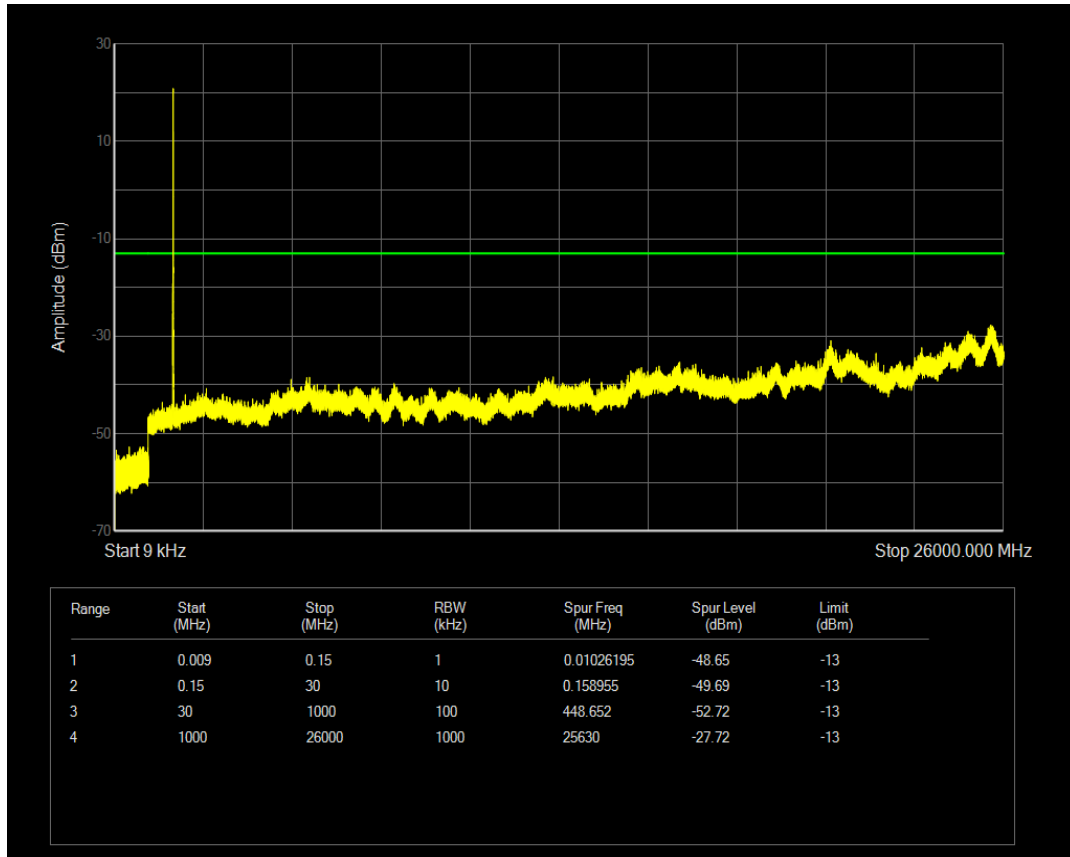
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



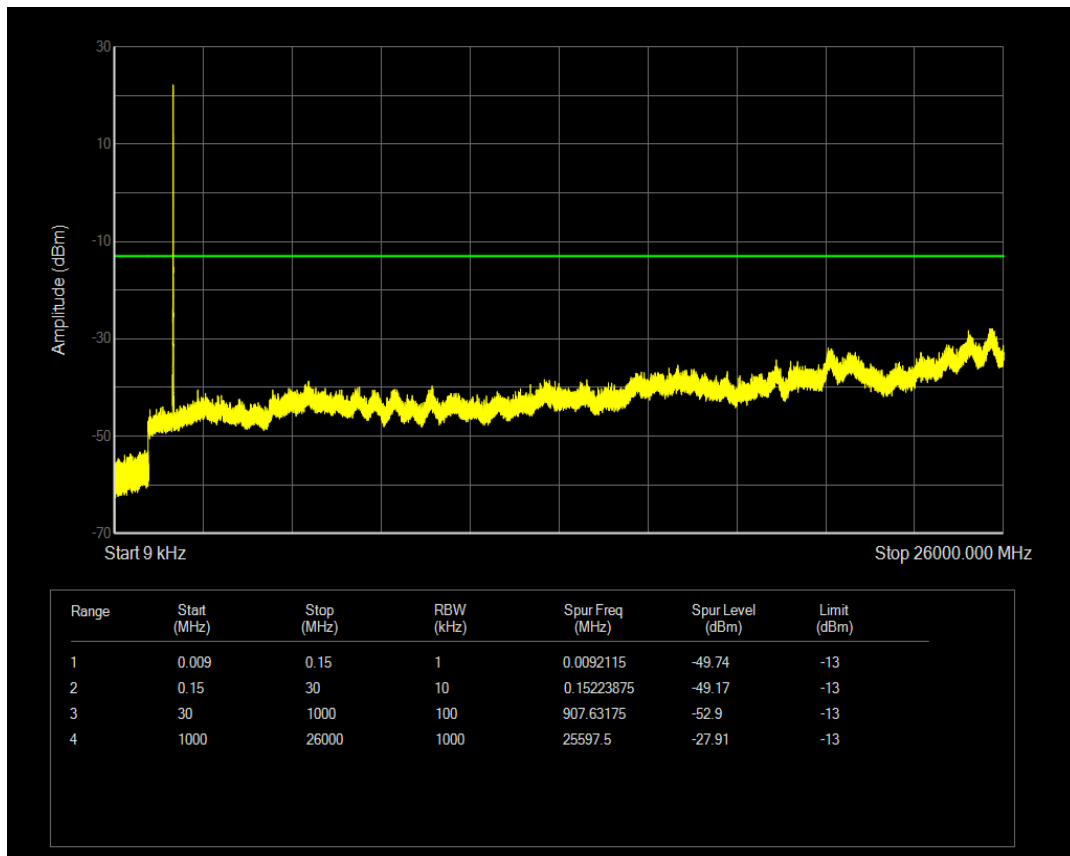
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



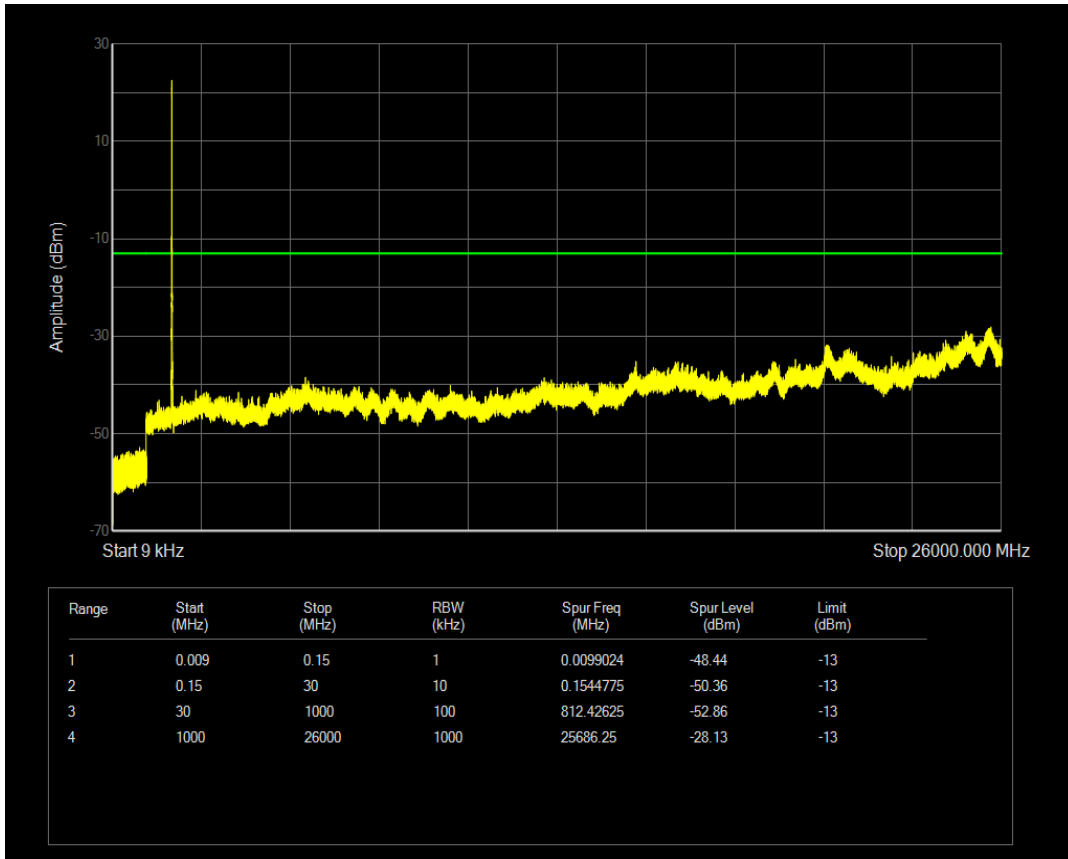
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



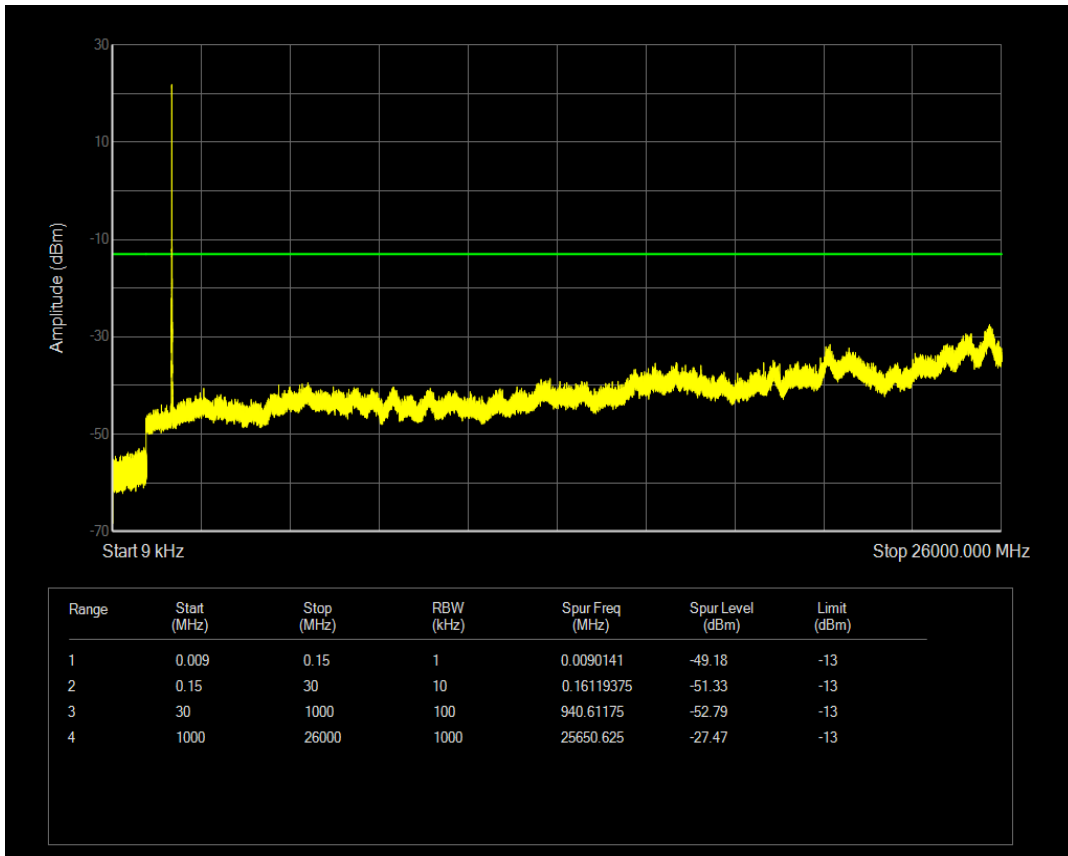
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



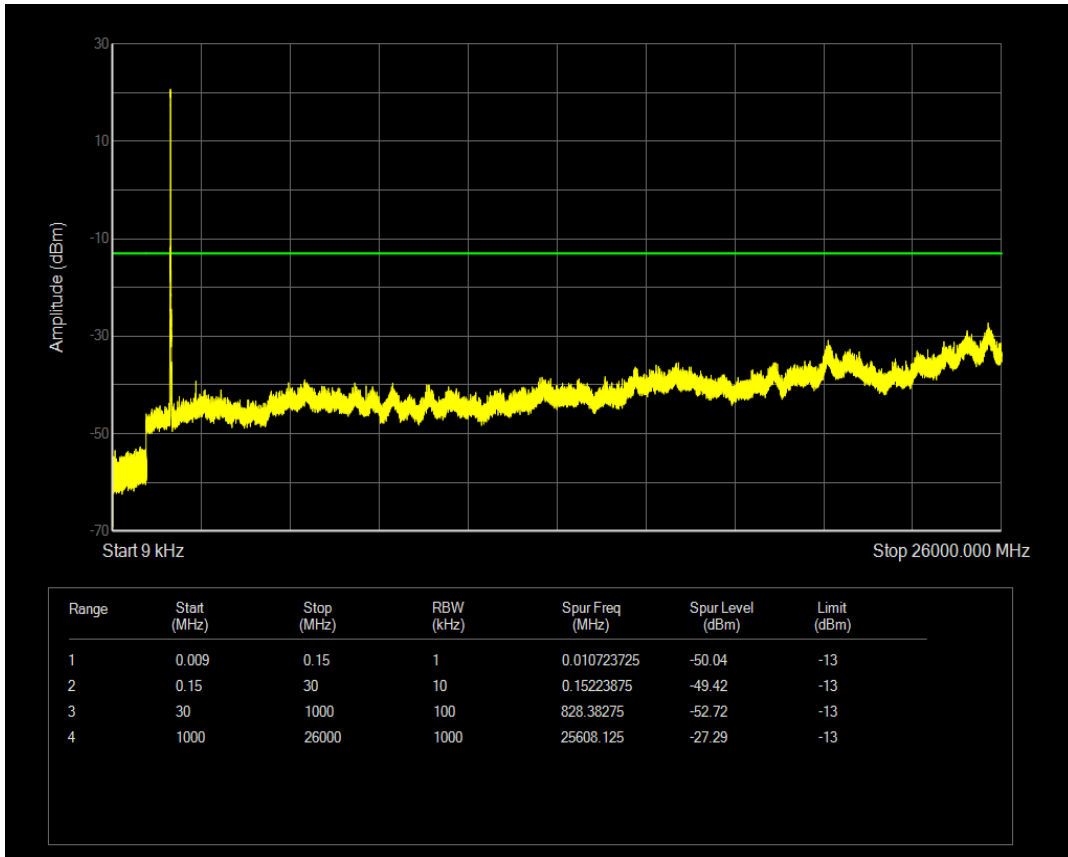
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



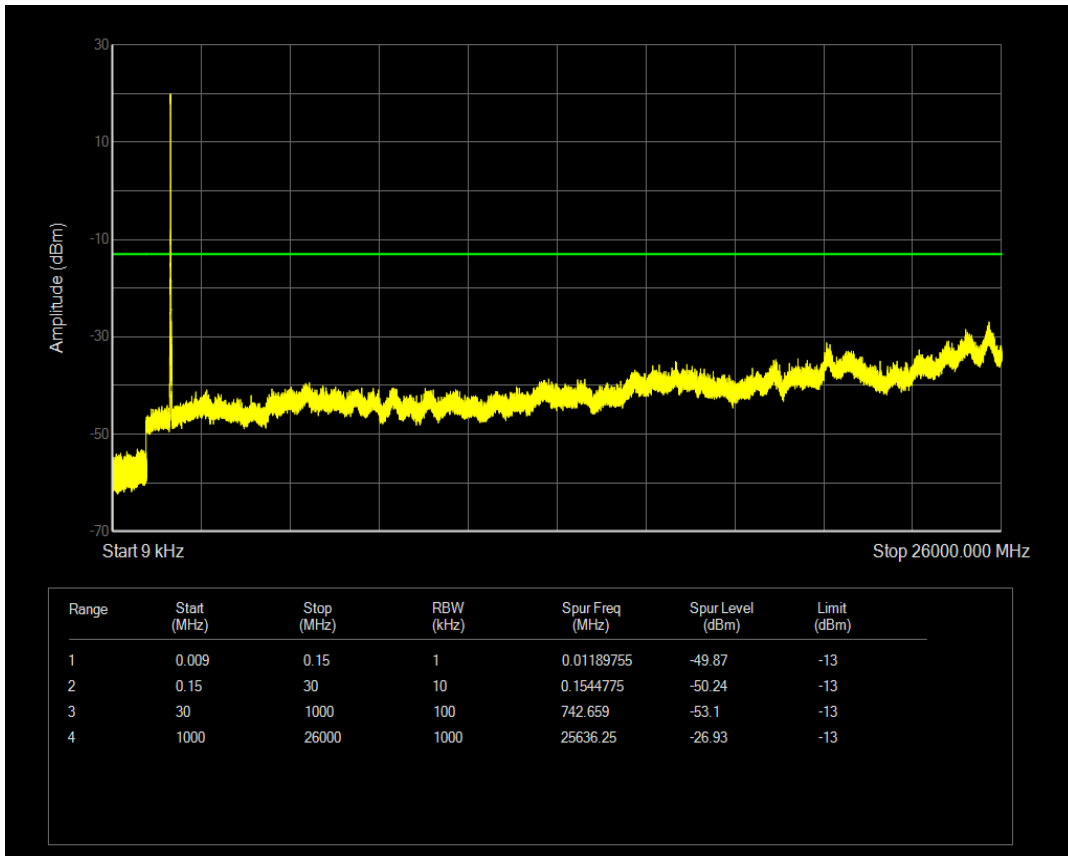
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



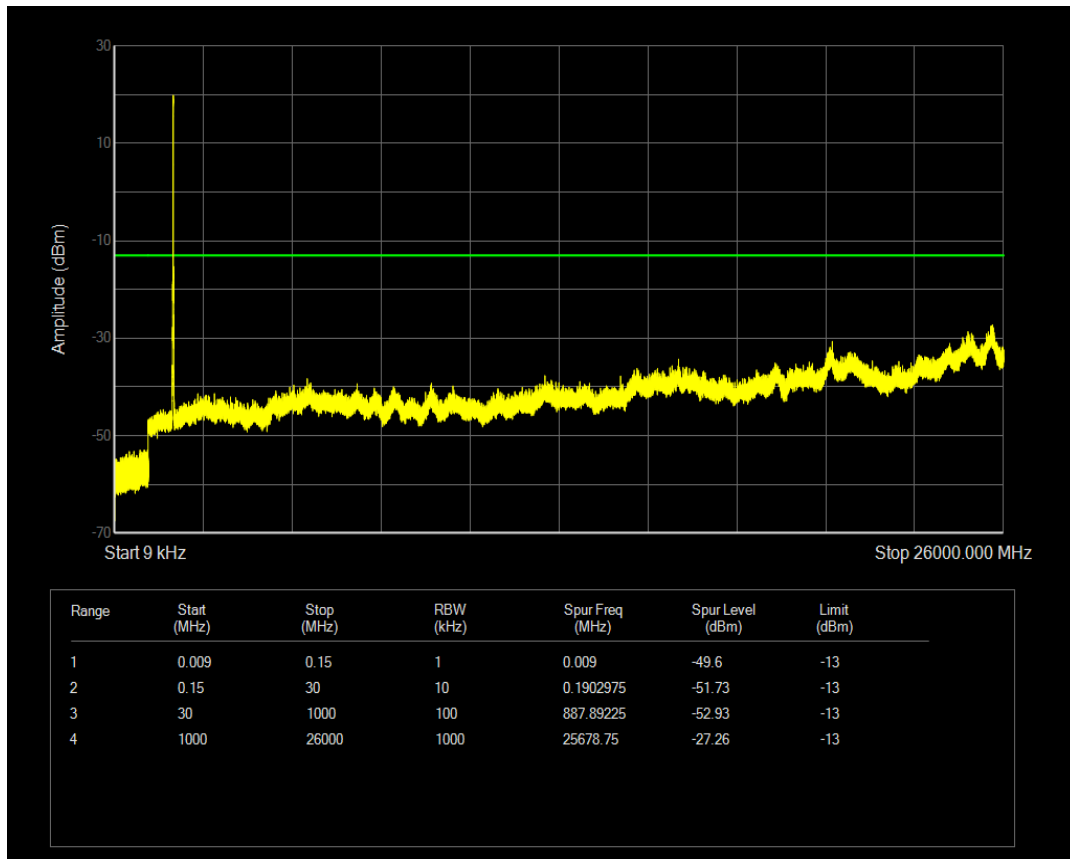
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



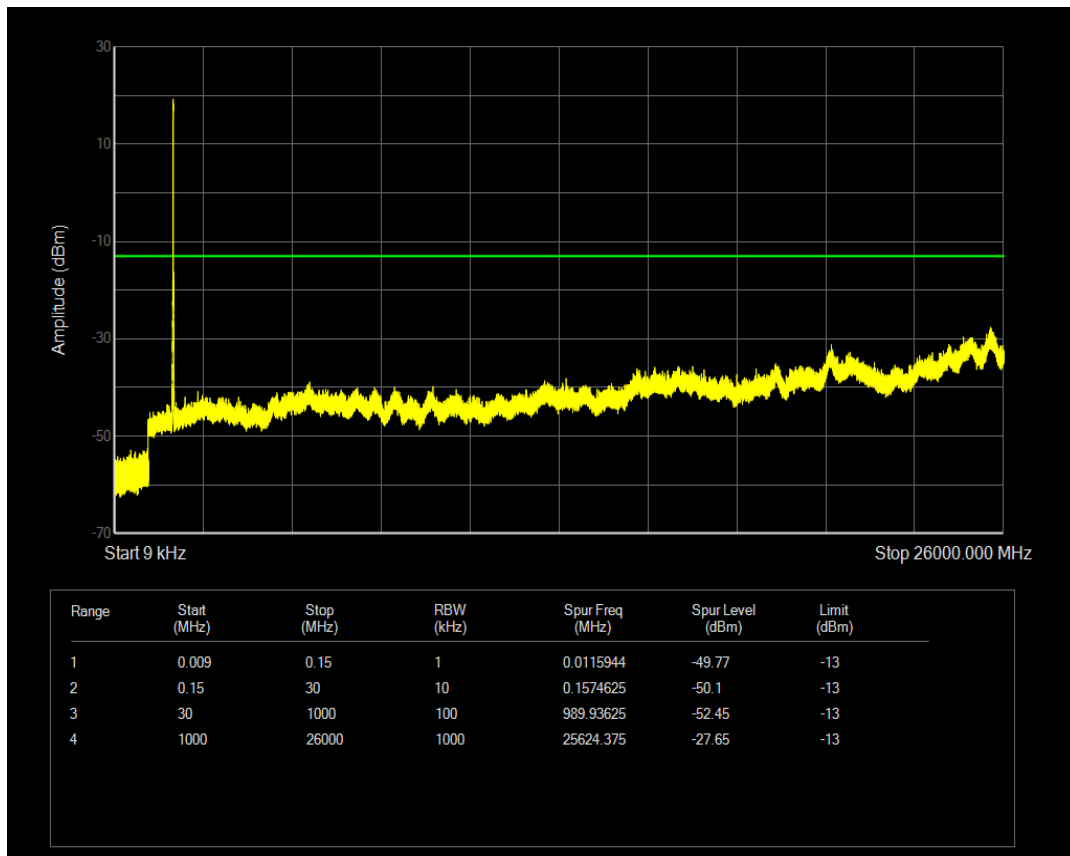
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



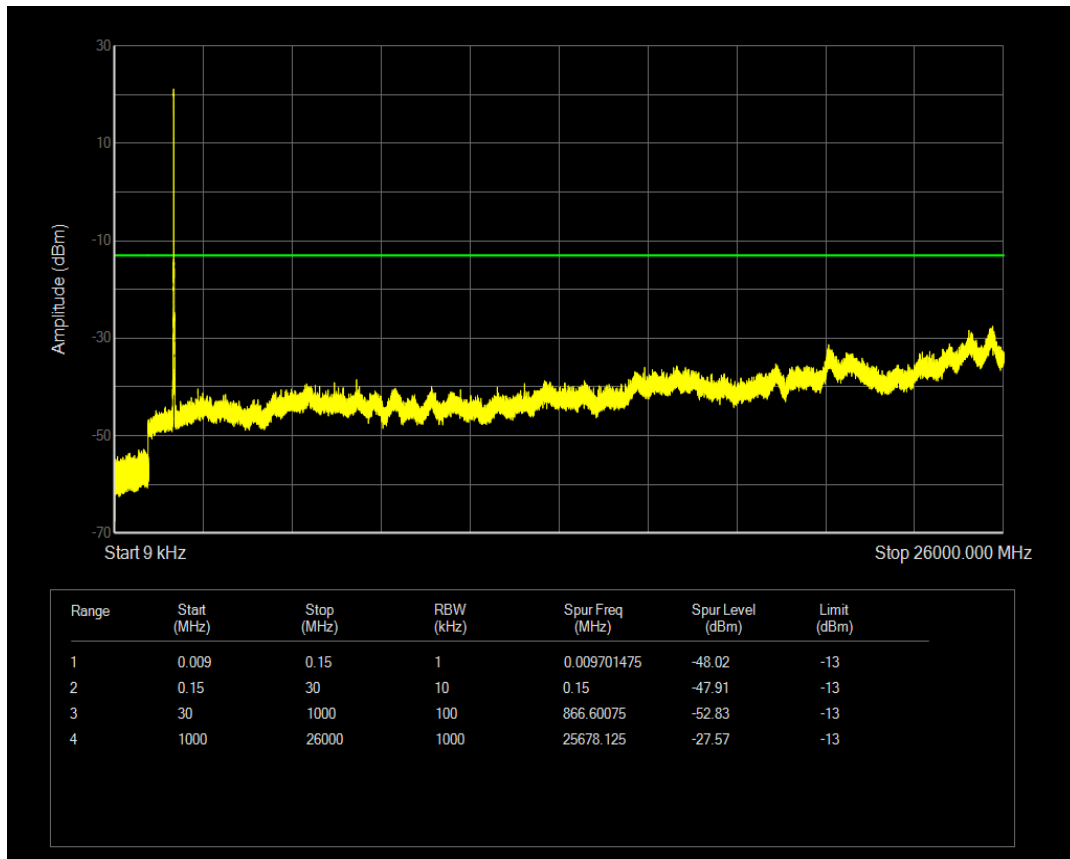
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



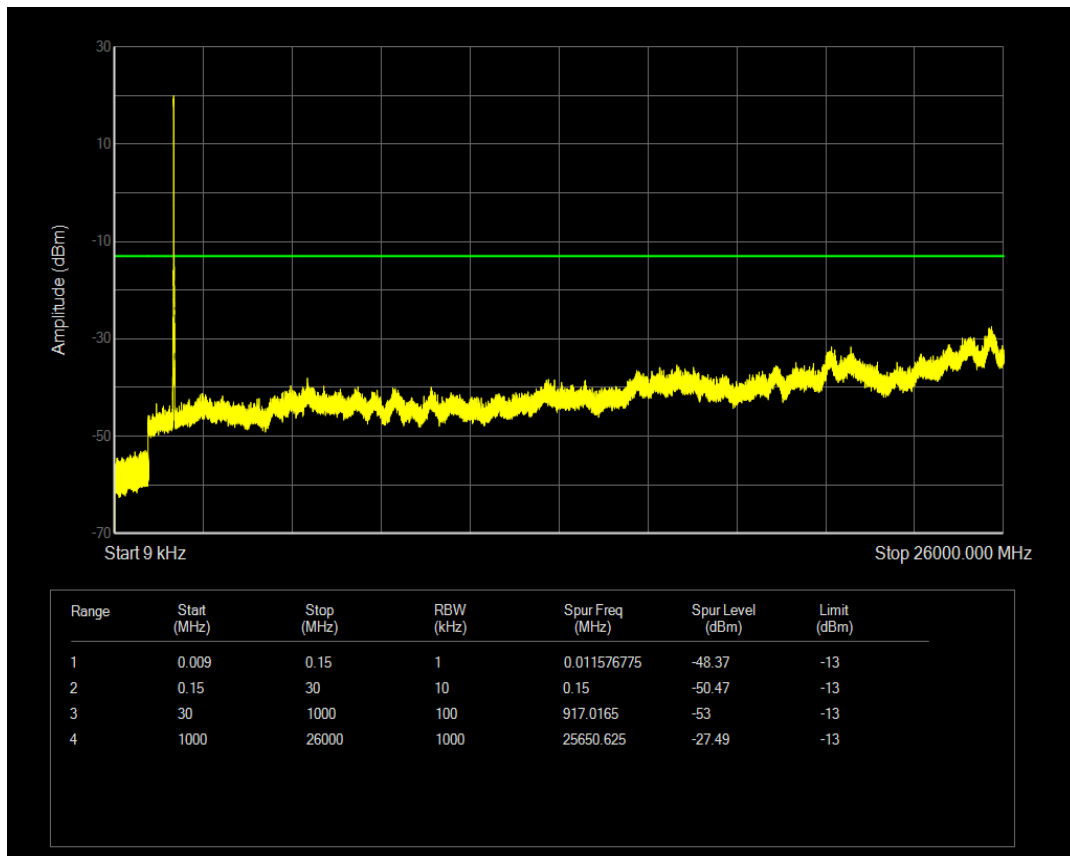
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



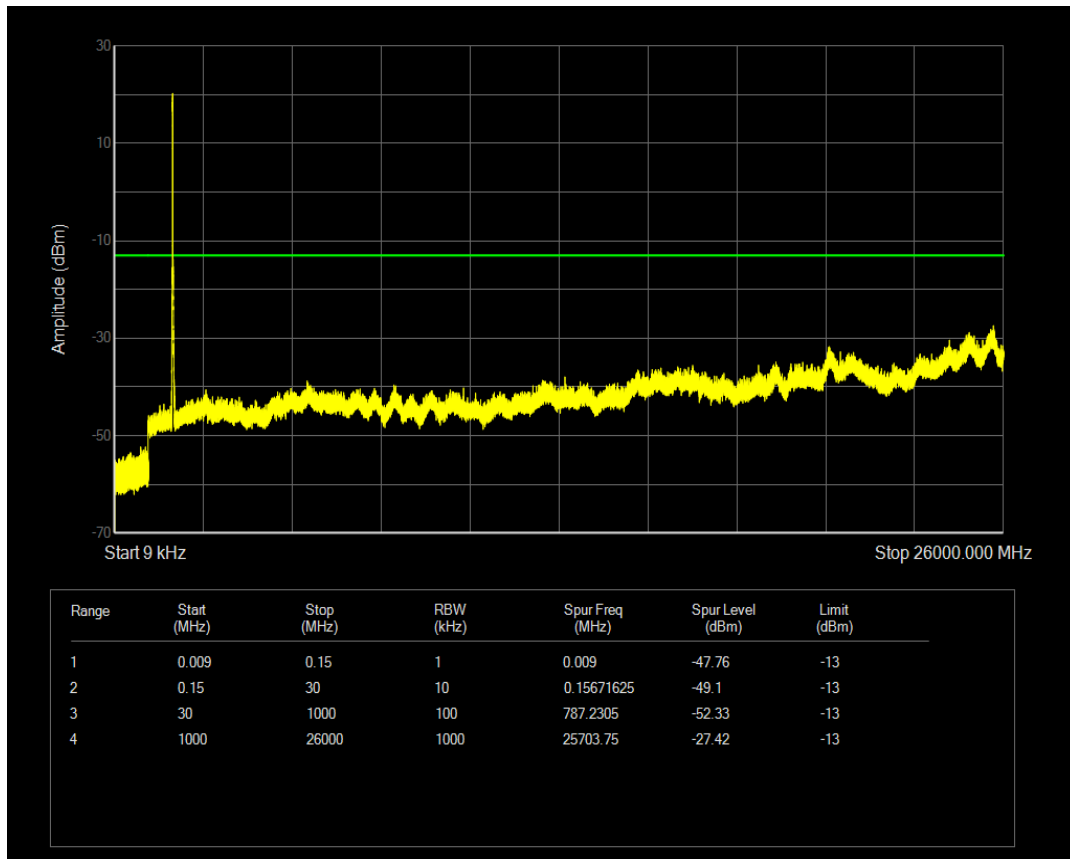
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



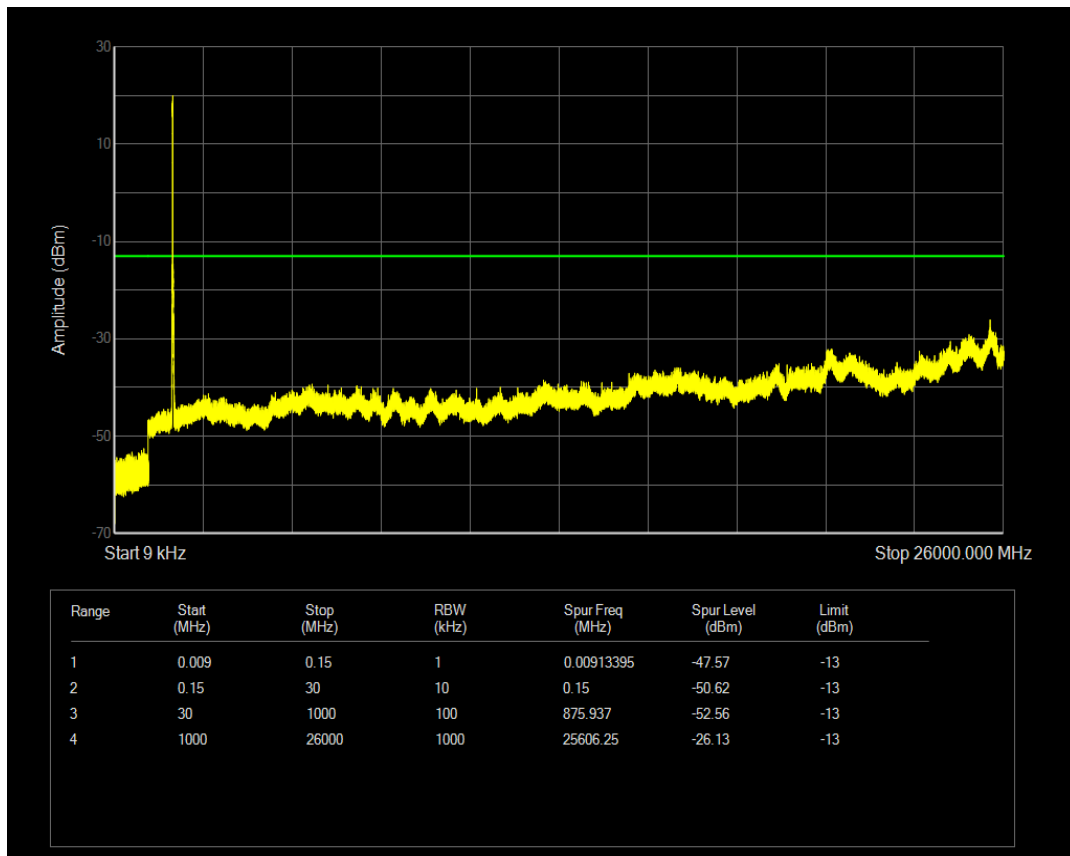
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



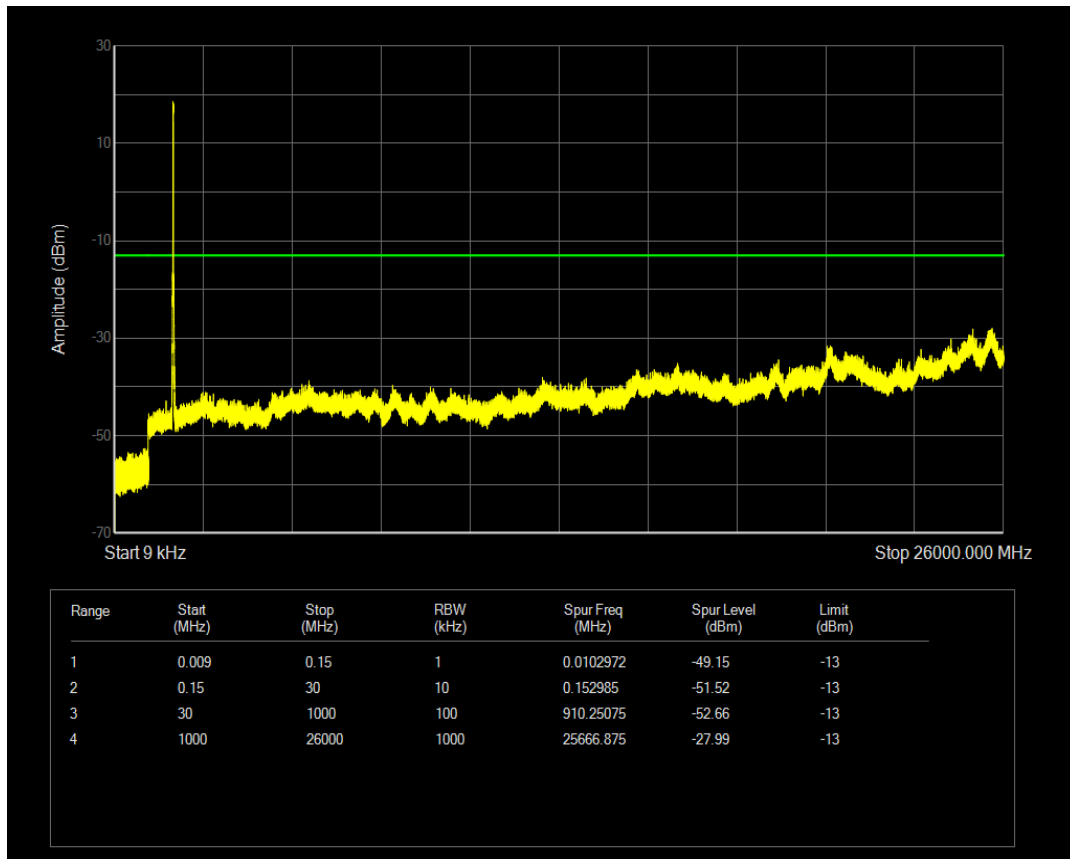
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



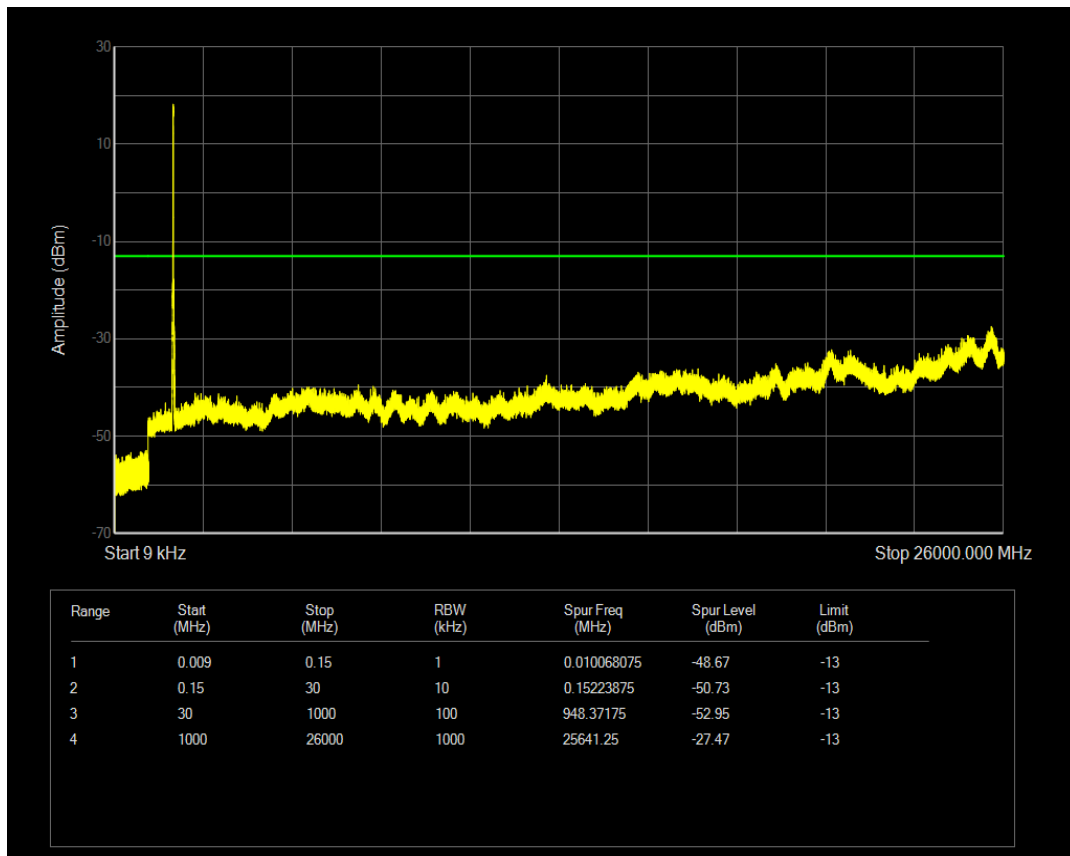
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



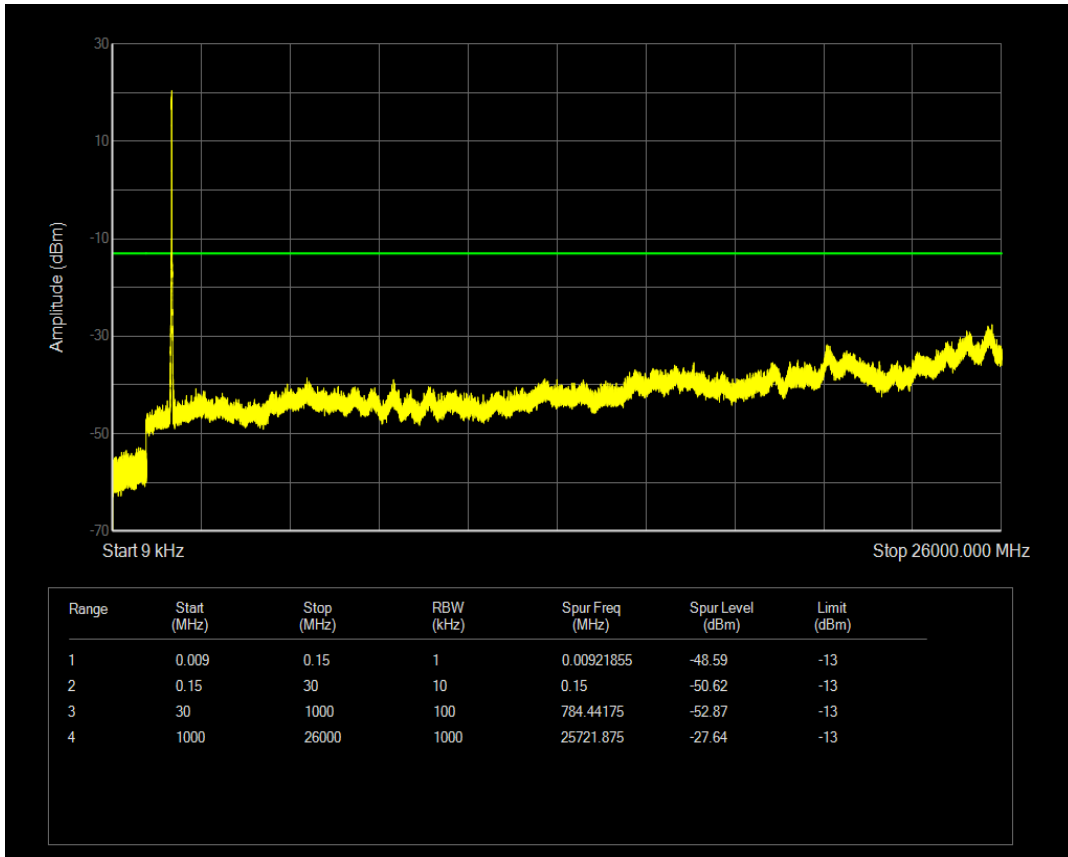
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



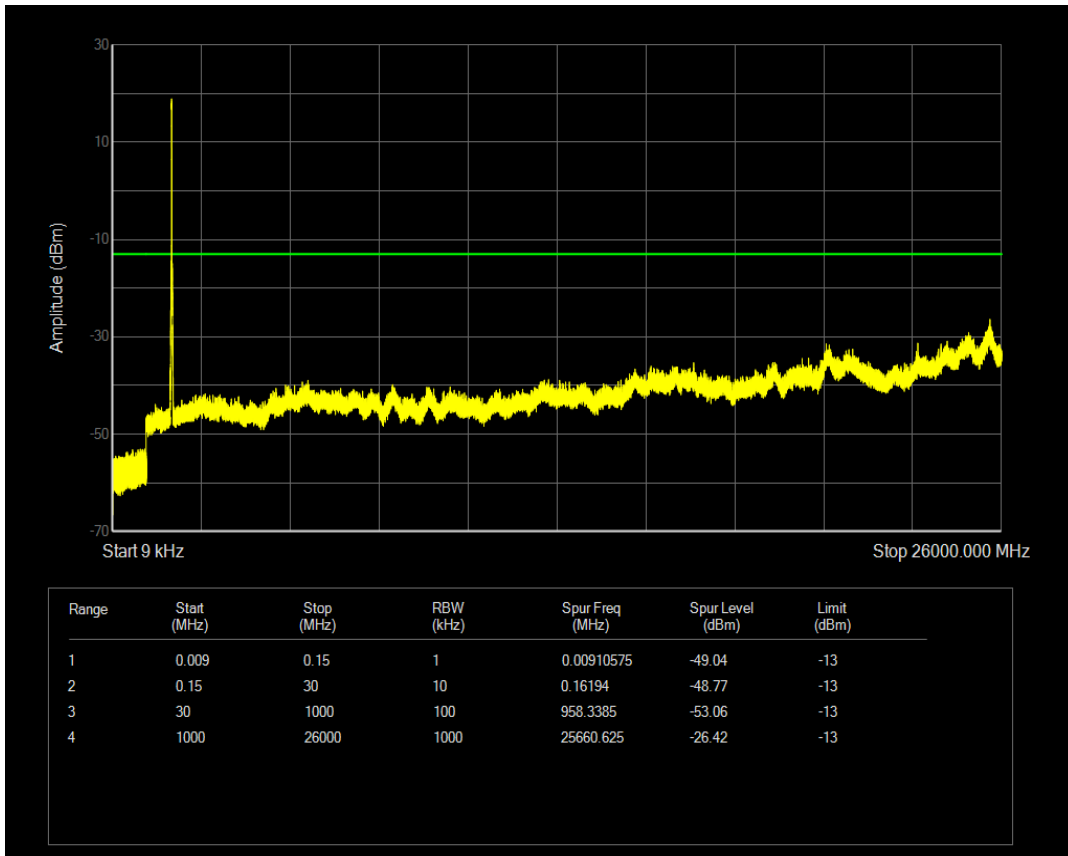
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



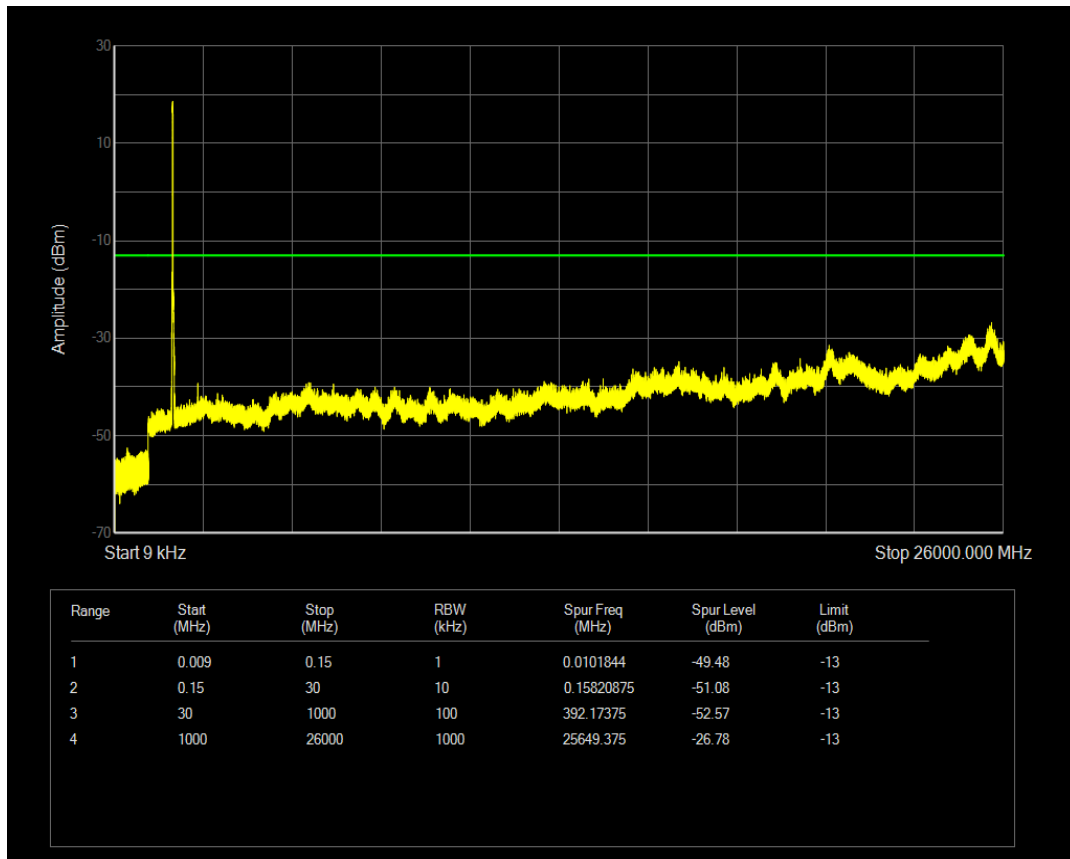
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



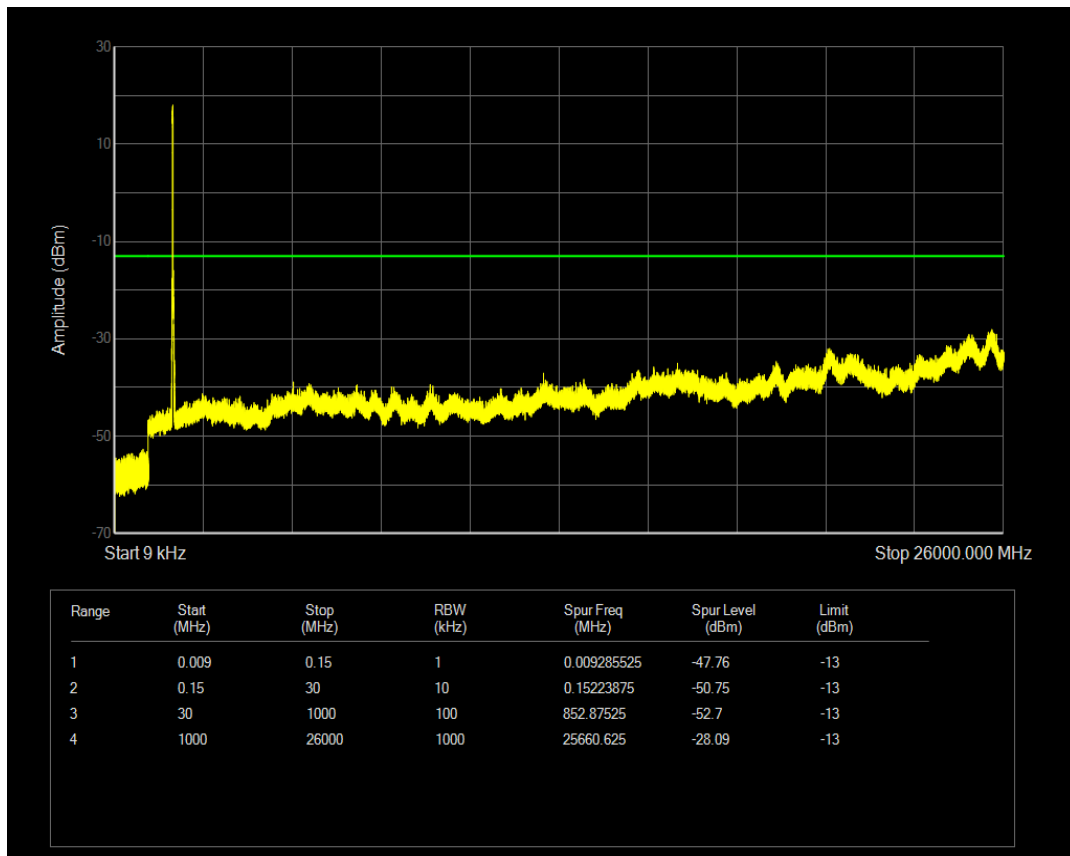
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



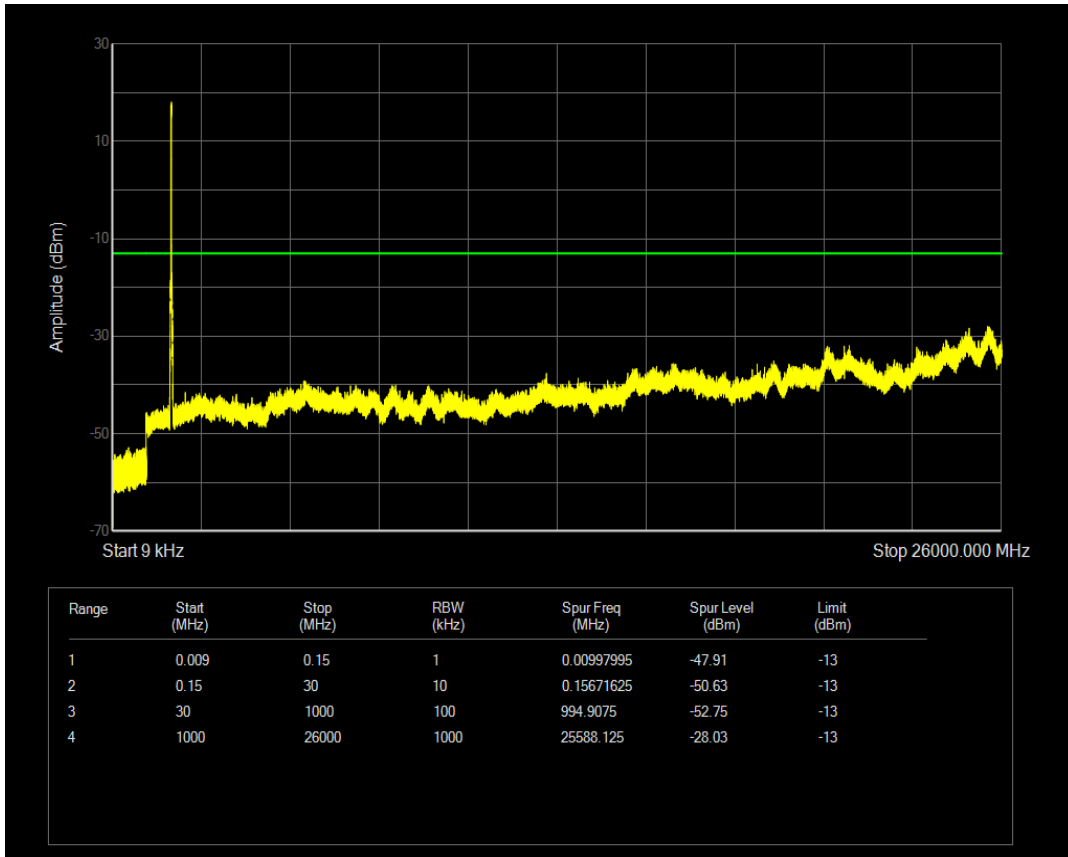
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



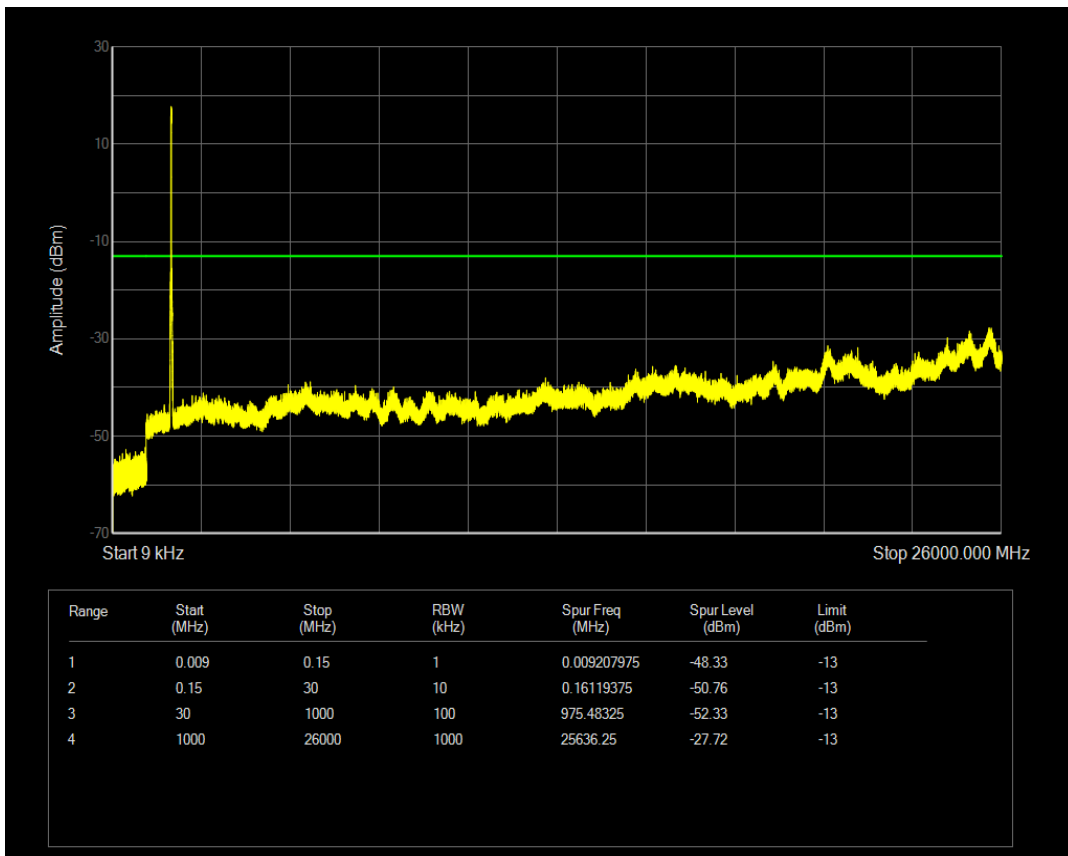
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



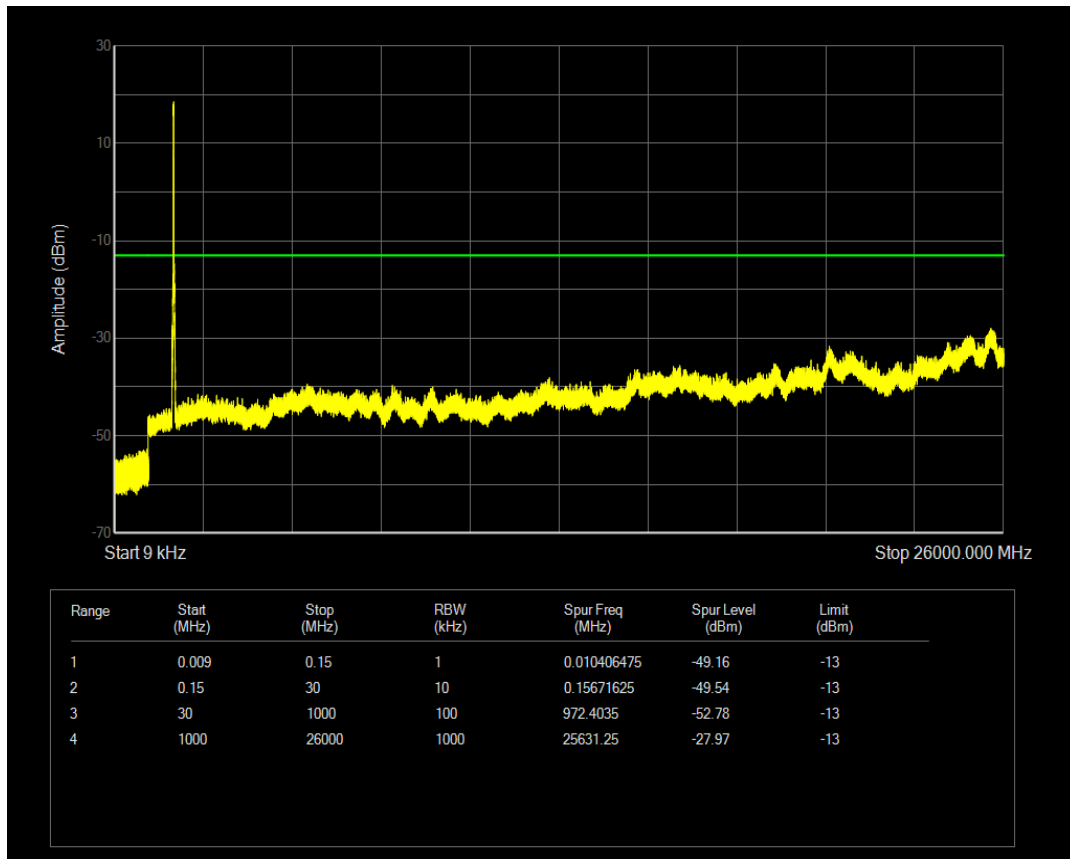
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



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

