Appendix for Band 4

Report No.:	BCTC2503327806-6E
Applicant:	Shenzhen Ouke Lianchuang Network Technology Co., Ltd
Product Name:	Car Multimedia Player
Test Model:	HT-S055
Tested Date:	2025-03-26 to 2025-04-27

Shenzhen BCTC Testing Co., Ltd.

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

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
NVNT	Band4	1.4	19957	1	#0	QPSK	22.54	-4.72	17.82	PASS
NVNT	Band4	1.4	19957	1	#Mid	QPSK	22.66	-4.72	17.94	PASS
NVNT	Band4	1.4	19957	1	#Max	QPSK	22.49	-4.72	17.77	PASS
NVNT	Band4	1.4	19957	3	#0	QPSK	22.59	-4.72	17.87	PASS
NVNT	Band4	1.4	19957	3	#Mid	QPSK	22.63	-4.72	17.91	PASS
NVNT	Band4	1.4	19957	3	#Max	QPSK	22.51	-4.72	17.79	PASS
NVNT	Band4	1.4	19957	6	#0	QPSK	21.60	-4.72	16.88	PASS
NVNT	Band4	1.4	19957	1	#0	16QAM	21.91	-4.72	17.19	PASS
NVNT	Band4	1.4	19957	1	#Mid	16QAM	21.89	-4.72	17.17	PASS
NVNT	Band4	1.4	19957	1	#Max	16QAM	21.72	-4.72	17.00	PASS
NVNT	Band4	1.4	19957	3	#0	16QAM	21.73	-4.72	17.01	PASS
NVNT	Band4	1.4	19957	3	#Mid	16QAM	21.79	-4.72	17.07	PASS
NVNT	Band4	1.4	19957	3	#Max	16QAM	21.68	-4.72	16.96	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	20.65	-4.72	15.93	PASS
NVNT	Band4	1.4	20175	1	#0	QPSK	22.21	-4.72	17.49	PASS
NVNT	Band4	1.4	20175	1	#Mid	QPSK	22.26	-4.72	17.54	PASS
NVNT	Band4	1.4	20175	1	#Max	QPSK	22.18	-4.72	17.46	PASS
NVNT	Band4	1.4	20175	3	#0	QPSK	22.15	-4.72	17.43	PASS
NVNT	Band4	1.4	20175	3	#Mid	QPSK	22.22	-4.72	17.50	PASS
NVNT	Band4	1.4	20175	3	#Max	QPSK	22.14	-4.72	17.42	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	21.19	-4.72	16.47	PASS
NVNT	Band4	1.4	20175	1	#0	16QAM	21.09	-4.72	16.37	PASS
NVNT	Band4	1.4	20175	1	#Mid	16QAM	21.13	-4.72	16.41	PASS
NVNT	Band4	1.4	20175	1	#Max	16QAM	21.10	-4.72	16.38	PASS
NVNT	Band4	1.4	20175	3	#0	16QAM	21.34	-4.72	16.62	PASS
NVNT	Band4	1.4	20175	3	#Mid	16QAM	21.41	-4.72	16.69	PASS
NVNT	Band4	1.4	20175	3	#Max	16QAM	21.36	-4.72	16.64	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	20.40	-4.72	15.68	PASS
NVNT	Band4	1.4	20393	1	#0	QPSK	22.26	-4.72	17.54	PASS
NVNT	Band4	1.4	20393	1	#Mid	QPSK	22.32	-4.72	17.60	PASS
NVNT	Band4	1.4	20393	1	#Max	QPSK	22.19	-4.72	17.47	PASS
NVNT	Band4	1.4	20393	3	#0	QPSK	22.17	-4.72	17.45	PASS
NVNT	Band4	1.4	20393	3	#Mid	QPSK	22.18	-4.72	17.46	PASS
NVNT	Band4	1.4	20393	3	#Max	QPSK	22.15	-4.72	17.43	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	21.13	-4.72	16.41	PASS

NVNT	Band4	1.4	20393	1	#0	16QAM	21.37	-4.72	16.65	PASS
NVNT	Band4	1.4	20393	1	#Mid	16QAM	21.42	-4.72	16.70	PASS
NVNT	Band4	1.4	20393	1	#Max	16QAM	21.38	-4.72	16.66	PASS
NVNT	Band4	1.4	20393	3	#0	16QAM	21.39	-4.72	16.67	PASS
NVNT	Band4	1.4	20393	3	#Mid	16QAM	21.43	-4.72	16.71	PASS
NVNT	Band4	1.4	20393	3	#Max	16QAM	21.39	-4.72	16.67	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	20.35	-4.72	15.63	PASS
NVNT	Band4	3	19965	1	#0	QPSK	22.49	-4.72	17.77	PASS
NVNT	Band4	3	19965	1	#Mid	QPSK	22.49	-4.72	17.77	PASS
NVNT	Band4	3	19965	1	#Max	QPSK	22.45	-4.72	17.73	PASS
NVNT	Band4	3	19965	8	#0	QPSK	21.52	-4.72	16.80	PASS
NVNT	Band4	3	19965	8	#Mid	QPSK	21.45	-4.72	16.73	PASS
NVNT	Band4	3	19965	8	#Max	QPSK	21.46	-4.72	16.74	PASS
NVNT	Band4	3	19965	15	#0	QPSK	21.48	-4.72	16.76	PASS
NVNT	Band4	3	19965	1	#0	16QAM	21.99	-4.72	17.27	PASS
NVNT	Band4	3	19965	1	#Mid	16QAM	21.91	-4.72	17.19	PASS
NVNT	Band4	3	19965	1	#Max	16QAM	21.99	-4.72	17.27	PASS
NVNT	Band4	3	19965	8	#0	16QAM	20.58	-4.72	15.86	PASS
NVNT	Band4	3	19965	8	#Mid	16QAM	20.48	-4.72	15.76	PASS
NVNT	Band4	3	19965	8	#Max	16QAM	20.46	-4.72	15.74	PASS
NVNT	Band4	3	19965	15	#0	16QAM	20.50	-4.72	15.78	PASS
NVNT	Band4	3	20175	1	#0	QPSK	22.22	-4.72	17.50	PASS
NVNT	Band4	3	20175	1	#Mid	QPSK	22.20	-4.72	17.48	PASS
NVNT	Band4	3	20175	1	#Max	QPSK	22.17	-4.72	17.45	PASS
NVNT	Band4	3	20175	8	#0	QPSK	21.19	-4.72	16.47	PASS
NVNT	Band4	3	20175	8	#Mid	QPSK	21.23	-4.72	16.51	PASS
NVNT	Band4	3	20175	8	#Max	QPSK	21.18	-4.72	16.46	PASS
NVNT	Band4	3	20175	15	#0	QPSK	21.22	-4.72	16.50	PASS
NVNT	Band4	3	20175	1	#0	16QAM	21.46	-4.72	16.74	PASS
NVNT	Band4	3	20175	1	#Mid	16QAM	21.42	-4.72	16.70	PASS
NVNT	Band4	3	20175	1	#Max	16QAM	21.39	-4.72	16.67	PASS
NVNT	Band4	3	20175	8	#0	16QAM	20.17	-4.72	15.45	PASS
NVNT	Band4	3	20175	8	#Mid	16QAM	20.23	-4.72	15.51	PASS
NVNT	Band4	3	20175	8	#Max	16QAM	20.19	-4.72	15.47	PASS
NVNT	Band4	3	20175	15	#0	16QAM	20.15	-4.72	15.43	PASS
NVNT	Band4	3	20385	1	#0	QPSK	22.21	-4.72	17.49	PASS
NVNT	Band4	3	20385	1	#Mid	QPSK	22.27	-4.72	17.55	PASS
NVNT	Band4	3	20385	1	#Max	QPSK	22.19	-4.72	17.47	PASS
NVNT	Band4	3	20385	8	#0	QPSK	21.18	-4.72	16.46	PASS
NVNT	Band4	3	20385	8	#Mid	QPSK	21.20	-4.72	16.48	PASS
NVNT	Band4	3	20385	8	#Max	QPSK	21.13	-4.72	16.41	PASS
NVNT	Band4	3	20385	15	#0	QPSK	21.14	-4.72	16.42	PASS

NVNT	Band4	3	20385	1	#0	16QAM	21.13	-4.72	16.41	PASS
NVNT	Band4	3	20385	1	#Mid	16QAM	21.13	-4.72	16.41	PASS
NVNT	Band4	3	20385	1	#Max	16QAM	21.05	-4.72	16.33	PASS
NVNT	Band4	3	20385	8	#0	16QAM	20.18	-4.72	15.46	PASS
NVNT	Band4	3	20385	8	#Mid	16QAM	20.20	-4.72	15.48	PASS
NVNT	Band4	3	20385	8	#Max	16QAM	20.13	-4.72	15.41	PASS
NVNT	Band4	3	20385	15	#0	16QAM	20.23	-4.72	15.51	PASS
NVNT	Band4	5	19975	1	#0	QPSK	22.63	-4.72	17.91	PASS
NVNT	Band4	5	19975	1	#Mid	QPSK	22.42	-4.72	17.70	PASS
NVNT	Band4	5	19975	1	#Max	QPSK	22.47	-4.72	17.75	PASS
NVNT	Band4	5	19975	12	#0	QPSK	21.46	-4.72	16.74	PASS
NVNT	Band4	5	19975	12	#Mid	QPSK	21.49	-4.72	16.77	PASS
NVNT	Band4	5	19975	12	#Max	QPSK	21.43	-4.72	16.71	PASS
NVNT	Band4	5	19975	25	#0	QPSK	21.53	-4.72	16.81	PASS
NVNT	Band4	5	19975	1	#0	16QAM	22.13	-4.72	17.41	PASS
NVNT	Band4	5	19975	1	#Mid	16QAM	21.99	-4.72	17.27	PASS
NVNT	Band4	5	19975	1	#Max	16QAM	22.06	-4.72	17.34	PASS
NVNT	Band4	5	19975	12	#0	16QAM	20.51	-4.72	15.79	PASS
NVNT	Band4	5	19975	12	#Mid	16QAM	20.54	-4.72	15.82	PASS
NVNT	Band4	5	19975	12	#Max	16QAM	20.46	-4.72	15.74	PASS
NVNT	Band4	5	19975	25	#0	16QAM	20.47	-4.72	15.75	PASS
NVNT	Band4	5	20175	1	#0	QPSK	22.31	-4.72	17.59	PASS
NVNT	Band4	5	20175	1	#Mid	QPSK	22.18	-4.72	17.46	PASS
NVNT	Band4	5	20175	1	#Max	QPSK	22.15	-4.72	17.43	PASS
NVNT	Band4	5	20175	12	#0	QPSK	21.25	-4.72	16.53	PASS
NVNT	Band4	5	20175	12	#Mid	QPSK	21.21	-4.72	16.49	PASS
NVNT	Band4	5	20175	12	#Max	QPSK	21.21	-4.72	16.49	PASS
NVNT	Band4	5	20175	25	#0	QPSK	21.25	-4.72	16.53	PASS
NVNT	Band4	5	20175	1	#0	16QAM	21.69	-4.72	16.97	PASS
NVNT	Band4	5	20175	1	#Mid	16QAM	21.55	-4.72	16.83	PASS
NVNT	Band4	5	20175	1	#Max	16QAM	21.53	-4.72	16.81	PASS
NVNT	Band4	5	20175	12	#0	16QAM	20.17	-4.72	15.45	PASS
NVNT	Band4	5	20175	12	#Mid	16QAM	20.18	-4.72	15.46	PASS
NVNT	Band4	5	20175	12	#Max	16QAM	20.17	-4.72	15.45	PASS
NVNT	Band4	5	20175	25	#0	16QAM	20.25	-4.72	15.53	PASS
NVNT	Band4	5	20375	1	#0	QPSK	22.33	-4.72	17.61	PASS
NVNT	Band4	5	20375	1	#Mid	QPSK	22.14	-4.72	17.42	PASS
NVNT	Band4	5	20375	1	#Max	QPSK	22.16	-4.72	17.44	PASS
NVNT	Band4	5	20375	12	#0	QPSK	21.30	-4.72	16.58	PASS
NVNT	Band4	5	20375	12	#Mid	QPSK	21.18	-4.72	16.46	PASS
NVNT	Band4	5	20375	12	#Max	QPSK	21.16	-4.72	16.44	PASS
NVNT	Band4	5	20375	25	#0	QPSK	21.13	-4.72	16.41	PASS

NVNT	Band4	5	20375	1	#0	16QAM	21.72	-4.72	17.00	PASS
NVNT	Band4	5	20375	1	#Mid	16QAM	21.48	-4.72	16.76	PASS
NVNT	Band4	5	20375	1	#Max	16QAM	21.53	-4.72	16.81	PASS
NVNT	Band4	5	20375	12	#0	16QAM	20.35	-4.72	15.63	PASS
NVNT	Band4	5	20375	12	#Mid	16QAM	20.23	-4.72	15.51	PASS
NVNT	Band4	5	20375	12	#Max	16QAM	20.19	-4.72	15.47	PASS
NVNT	Band4	5	20375	25	#0	16QAM	20.14	-4.72	15.42	PASS
NVNT	Band4	10	20000	1	#0	QPSK	22.75	-4.72	18.03	PASS
NVNT	Band4	10	20000	1	#Mid	QPSK	22.38	-4.72	17.66	PASS
NVNT	Band4	10	20000	1	#Max	QPSK	22.82	-4.72	18.10	PASS
NVNT	Band4	10	20000	25	#0	QPSK	21.52	-4.72	16.80	PASS
NVNT	Band4	10	20000	25	#Mid	QPSK	21.38	-4.72	16.66	PASS
NVNT	Band4	10	20000	25	#Max	QPSK	21.47	-4.72	16.75	PASS
NVNT	Band4	10	20000	50	#0	QPSK	21.48	-4.72	16.76	PASS
NVNT	Band4	10	20000	1	#0	16QAM	22.24	-4.72	17.52	PASS
NVNT	Band4	10	20000	1	#Mid	16QAM	21.80	-4.72	17.08	PASS
NVNT	Band4	10	20000	1	#Max	16QAM	22.24	-4.72	17.52	PASS
NVNT	Band4	10	20000	25	#0	16QAM	20.49	-4.72	15.77	PASS
NVNT	Band4	10	20000	25	#Mid	16QAM	20.38	-4.72	15.66	PASS
NVNT	Band4	10	20000	25	#Max	16QAM	20.55	-4.72	15.83	PASS
NVNT	Band4	10	20000	50	#0	16QAM	20.45	-4.72	15.73	PASS
NVNT	Band4	10	20175	1	#0	QPSK	22.55	-4.72	17.83	PASS
NVNT	Band4	10	20175	1	#Mid	QPSK	22.15	-4.72	17.43	PASS
NVNT	Band4	10	20175	1	#Max	QPSK	22.58	-4.72	17.86	PASS
NVNT	Band4	10	20175	25	#0	QPSK	21.18	-4.72	16.46	PASS
NVNT	Band4	10	20175	25	#Mid	QPSK	21.22	-4.72	16.50	PASS
NVNT	Band4	10	20175	25	#Max	QPSK	21.26	-4.72	16.54	PASS
NVNT	Band4	10	20175	50	#0	QPSK	21.26	-4.72	16.54	PASS
NVNT	Band4	10	20175	1	#0	16QAM	21.82	-4.72	17.10	PASS
NVNT	Band4	10	20175	1	#Mid	16QAM	21.38	-4.72	16.66	PASS
NVNT	Band4	10	20175	1	#Max	16QAM	21.82	-4.72	17.10	PASS
NVNT	Band4	10	20175	25	#0	16QAM	20.20	-4.72	15.48	PASS
NVNT	Band4	10	20175	25	#Mid	16QAM	20.19	-4.72	15.47	PASS
NVNT	Band4	10	20175	25	#Max	16QAM	20.24	-4.72	15.52	PASS
NVNT	Band4	10	20175	50	#0	16QAM	20.29	-4.72	15.57	PASS
NVNT	Band4	10	20350	1	#0	QPSK	22.56	-4.72	17.84	PASS
NVNT	Band4	10	20350	1	#Mid	QPSK	22.19	-4.72	17.47	PASS
NVNT	Band4	10	20350	1	#Max	QPSK	22.66	-4.72	17.94	PASS
NVNT	Band4	10	20350	25	#0	QPSK	21.18	-4.72	16.46	PASS
NVNT	Band4	10	20350	25	#Mid	QPSK	21.19	-4.72	16.47	PASS
NVNT	Band4	10	20350	25	#Max	QPSK	21.27	-4.72	16.55	PASS
NVNT	Band4	10	20350	50	#0	QPSK	21.26	-4.72	16.54	PASS

NVNT	Band4	10	20350	1	#0	16QAM	21.35	-4.72	16.63	PASS
NVNT	Band4	10	20350	1	#Mid	16QAM	21.02	-4.72	16.30	PASS
NVNT	Band4	10	20350	1	#Max	16QAM	21.49	-4.72	16.77	PASS
NVNT	Band4	10	20350	25	#0	16QAM	20.18	-4.72	15.46	PASS
NVNT	Band4	10	20350	25	#Mid	16QAM	20.24	-4.72	15.52	PASS
NVNT	Band4	10	20350	25	#Max	16QAM	20.24	-4.72	15.52	PASS
NVNT	Band4	10	20350	50	#0	16QAM	20.21	-4.72	15.49	PASS
NVNT	Band4	15	20025	1	#0	QPSK	22.59	-4.72	17.87	PASS
NVNT	Band4	15	20025	1	#Mid	QPSK	22.24	-4.72	17.52	PASS
NVNT	Band4	15	20025	1	#Max	QPSK	22.37	-4.72	17.65	PASS
NVNT	Band4	15	20025	36	#0	QPSK	21.51	-4.72	16.79	PASS
NVNT	Band4	15	20025	36	#Mid	QPSK	21.49	-4.72	16.77	PASS
NVNT	Band4	15	20025	36	#Max	QPSK	21.36	-4.72	16.64	PASS
NVNT	Band4	15	20025	75	#0	QPSK	21.45	-4.72	16.73	PASS
NVNT	Band4	15	20025	1	#0	16QAM	22.07	-4.72	17.35	PASS
NVNT	Band4	15	20025	1	#Mid	16QAM	21.83	-4.72	17.11	PASS
NVNT	Band4	15	20025	1	#Max	16QAM	21.83	-4.72	17.11	PASS
NVNT	Band4	15	20025	36	#0	16QAM	20.56	-4.72	15.84	PASS
NVNT	Band4	15	20025	36	#Mid	16QAM	20.52	-4.72	15.80	PASS
NVNT	Band4	15	20025	36	#Max	16QAM	20.39	-4.72	15.67	PASS
NVNT	Band4	15	20025	75	#0	16QAM	20.43	-4.72	15.71	PASS
NVNT	Band4	15	20175	1	#0	QPSK	22.38	-4.72	17.66	PASS
NVNT	Band4	15	20175	1	#Mid	QPSK	22.11	-4.72	17.39	PASS
NVNT	Band4	15	20175	1	#Max	QPSK	22.17	-4.72	17.45	PASS
NVNT	Band4	15	20175	36	#0	QPSK	21.26	-4.72	16.54	PASS
NVNT	Band4	15	20175	36	#Mid	QPSK	21.29	-4.72	16.57	PASS
NVNT	Band4	15	20175	36	#Max	QPSK	21.22	-4.72	16.50	PASS
NVNT	Band4	15	20175	75	#0	QPSK	21.24	-4.72	16.52	PASS
NVNT	Band4	15	20175	1	#0	16QAM	21.68	-4.72	16.96	PASS
NVNT	Band4	15	20175	1	#Mid	16QAM	21.52	-4.72	16.80	PASS
NVNT	Band4	15	20175	1	#Max	16QAM	21.50	-4.72	16.78	PASS
NVNT	Band4	15	20175	36	#0	16QAM	20.31	-4.72	15.59	PASS
NVNT	Band4	15	20175	36	#Mid	16QAM	20.33	-4.72	15.61	PASS
NVNT	Band4	15	20175	36	#Max	16QAM	20.18	-4.72	15.46	PASS
NVNT	Band4	15	20175	75	#0	16QAM	20.21	-4.72	15.49	PASS
NVNT	Band4	15	20325	1	#0	QPSK	22.15	-4.72	17.43	PASS
NVNT	Band4	15	20325	1	#Mid	QPSK	21.99	-4.72	17.27	PASS
NVNT	Band4	15	20325	1	#Max	QPSK	22.07	-4.72	17.35	PASS
NVNT	Band4	15	20325	36	#0	QPSK	21.09	-4.72	16.37	PASS
NVNT	Band4	15	20325	36	#Mid	QPSK	21.12	-4.72	16.40	PASS
NVNT	Band4	15	20325	36	#Max	QPSK	21.12	-4.72	16.40	PASS
NVNT	Band4	15	20325	75	#0	QPSK	21.03	-4.72	16.31	PASS

NVNT	Band4	15	20325	1	#0	16QAM	21.30	-4.72	16.58	PASS
NVNT	Band4	15	20325	1	#Mid	16QAM	21.25	-4.72	16.53	PASS
NVNT	Band4	15	20325	1	#Max	16QAM	21.23	-4.72	16.51	PASS
NVNT	Band4	15	20325	36	#0	16QAM	20.11	-4.72	15.39	PASS
NVNT	Band4	15	20325	36	#Mid	16QAM	20.07	-4.72	15.35	PASS
NVNT	Band4	15	20325	36	#Max	16QAM	20.08	-4.72	15.36	PASS
NVNT	Band4	15	20325	75	#0	16QAM	20.10	-4.72	15.38	PASS
NVNT	Band4	20	20050	1	#0	QPSK	22.23	-4.72	17.51	PASS
NVNT	Band4	20	20050	1	#Mid	QPSK	22.40	-4.72	17.68	PASS
NVNT	Band4	20	20050	1	#Max	QPSK	22.14	-4.72	17.42	PASS
NVNT	Band4	20	20050	50	#0	QPSK	21.41	-4.72	16.69	PASS
NVNT	Band4	20	20050	50	#Mid	QPSK	21.41	-4.72	16.69	PASS
NVNT	Band4	20	20050	50	#Max	QPSK	21.24	-4.72	16.52	PASS
NVNT	Band4	20	20050	100	#0	QPSK	21.36	-4.72	16.64	PASS
NVNT	Band4	20	20050	1	#0	16QAM	21.58	-4.72	16.86	PASS
NVNT	Band4	20	20050	1	#Mid	16QAM	21.71	-4.72	16.99	PASS
NVNT	Band4	20	20050	1	#Max	16QAM	21.47	-4.72	16.75	PASS
NVNT	Band4	20	20050	50	#0	16QAM	20.49	-4.72	15.77	PASS
NVNT	Band4	20	20050	50	#Mid	16QAM	20.49	-4.72	15.77	PASS
NVNT	Band4	20	20050	50	#Max	16QAM	20.24	-4.72	15.52	PASS
NVNT	Band4	20	20050	100	#0	16QAM	20.38	-4.72	15.66	PASS
NVNT	Band4	20	20175	1	#0	QPSK	22.26	-4.72	17.54	PASS
NVNT	Band4	20	20175	1	#Mid	QPSK	22.32	-4.72	17.60	PASS
NVNT	Band4	20	20175	1	#Max	QPSK	22.17	-4.72	17.45	PASS
NVNT	Band4	20	20175	50	#0	QPSK	21.30	-4.72	16.58	PASS
NVNT	Band4	20	20175	50	#Mid	QPSK	21.23	-4.72	16.51	PASS
NVNT	Band4	20	20175	50	#Max	QPSK	21.10	-4.72	16.38	PASS
NVNT	Band4	20	20175	100	#0	QPSK	21.22	-4.72	16.50	PASS
NVNT	Band4	20	20175	1	#0	16QAM	21.48	-4.72	16.76	PASS
NVNT	Band4	20	20175	1	#Mid	16QAM	21.55	-4.72	16.83	PASS
NVNT	Band4	20	20175	1	#Max	16QAM	21.36	-4.72	16.64	PASS
NVNT	Band4	20	20175	50	#0	16QAM	20.25	-4.72	15.53	PASS
NVNT	Band4	20	20175	50	#Mid	16QAM	20.22	-4.72	15.50	PASS
NVNT	Band4	20	20175	50	#Max	16QAM	20.10	-4.72	15.38	PASS
NVNT	Band4	20	20175	100	#0	16QAM	20.21	-4.72	15.49	PASS
NVNT	Band4	20	20300	1	#0	QPSK	21.87	-4.72	17.15	PASS
NVNT	Band4	20	20300	1	#Mid	QPSK	22.13	-4.72	17.41	PASS
NVNT	Band4	20	20300	1	#Max	QPSK	21.98	-4.72	17.26	PASS
NVNT	Band4	20	20300	50	#0	QPSK	21.08	-4.72	16.36	PASS
NVNT	Band4	20	20300	50	#Mid	QPSK	20.99	-4.72	16.27	PASS
NVNT	Band4	20	20300	50	#Max	QPSK	21.06	-4.72	16.34	PASS
NVNT	Band4	20	20300	100	#0	QPSK	21.05	-4.72	16.33	PASS

NVNT	Band4	20	20300	1	#0	16QAM	21.20	-4.72	16.48	PASS
NVNT	Band4	20	20300	1	#Mid	16QAM	21.42	-4.72	16.70	PASS
NVNT	Band4	20	20300	1	#Max	16QAM	21.31	-4.72	16.59	PASS
NVNT	Band4	20	20300	50	#0	16QAM	20.12	-4.72	15.40	PASS
NVNT	Band4	20	20300	50	#Mid	16QAM	20.03	-4.72	15.31	PASS
NVNT	Band4	20	20300	50	#Max	16QAM	20.09	-4.72	15.37	PASS
NVNT	Band4	20	20300	100	#0	16QAM	20.07	-4.72	15.35	PASS

Appendix 2.Frequency stability

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
NVNT	Band 4	1.4	19957	6	#0	QPSK	LV	NT	-9.66	-0.006	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	NT	-8.28	-0.005	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	HV	NT	-9.87	-0.006	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	LV	NT	-8.91	-0.005	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	NT	-7.48	-0.004	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	HV	NT	-8.11	-0.005	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	LV	NT	-4.48	-0.003	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	NT	-5.88	-0.003	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	HV	NT	-5.19	-0.003	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	LV	NT	-4.71	-0.003	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	NT	-2.66	-0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	HV	NT	-3.18	-0.002	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	LV	NT	-4.82	-0.003	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	NT	-5.38	-0.003	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	HV	NT	-5.41	-0.003	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	LV	NT	-2.59	-0.001	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	NT	-1.89	-0.001	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	HV	NT	-2.09	-0.001	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	LV	NT	3.18	0.002	PASS

NVNT	Band 4	3	19965	15	#0	QPSK	NV	NT	1.69	0.001	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	HV	NT	1.72	0.001	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	LV	NT	2.30	0.001	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	NT	2.65	0.002	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	HV	NT	3.39	0.002	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	LV	NT	2.80	0.002	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	NT	1.49	0.001	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	HV	NT	2.47	0.001	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	LV	NT	2.19	0.001	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	NT	2.05	0.001	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	HV	NT	2.70	0.002	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	LV	NT	0.80	0.000	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	NT	3.25	0.002	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	HV	NT	1.22	0.001	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	LV	NT	2.09	0.001	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	NT	2.35	0.001	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	HV	NT	1.00	0.001	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	LV	NT	3.19	0.002	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	NT	3.48	0.002	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	HV	NT	3.59	0.002	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	LV	NT	3.68	0.002	PASS
NVNT	Band	5	19975	25	#0	16QAM	NV	NT	3.75	0.002	PASS

	4										
NVNT	Band 4	5	19975	25	#0	16QAM	HV	NT	2.55	0.001	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	LV	NT	2.98	0.002	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	NT	1.86	0.001	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	HV	NT	1.79	0.001	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	LV	NT	1.16	0.001	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	NT	0.97	0.001	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	HV	NT	0.43	0.000	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	LV	NT	-1.97	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	NT	-1.10	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	HV	NT	-1.06	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	LV	NT	-0.13	0.000	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	NT	-2.03	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	HV	NT	-0.57	0.000	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	LV	NT	-1.52	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	NT	-1.80	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	HV	NT	-1.03	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	LV	NT	-1.75	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	NT	-0.96	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	HV	NT	-1.62	-0.001	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	LV	NT	1.82	0.001	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	NT	1.23	0.001	PASS

NVNT	Band 4	10	20175	50	#0	QPSK	HV	NT	2.10	0.001	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	LV	NT	1.00	0.001	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	NT	0.82	0.000	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	HV	NT	0.99	0.001	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	LV	NT	3.65	0.002	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	NT	2.29	0.001	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	HV	NT	3.13	0.002	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	LV	NT	1.53	0.001	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	NT	3.95	0.002	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	HV	NT	2.13	0.001	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	LV	NT	0.37	0.000	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	NT	0.44	0.000	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	HV	NT	0.24	0.000	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	LV	NT	0.60	0.000	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	NT	0.93	0.001	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	HV	NT	0.67	0.000	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	LV	NT	0.89	0.001	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	NT	2.06	0.001	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	HV	NT	1.17	0.001	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	LV	NT	1.66	0.001	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	NT	1.92	0.001	PASS
NVNT	Band	15	20175	75	#0	16QAM	HV	NT	1.67	0.001	PASS

	4										
NVNT	Band 4	15	20325	75	#0	QPSK	LV	NT	1.30	0.001	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	NT	1.52	0.001	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	HV	NT	1.23	0.001	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	LV	NT	0.76	0.000	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	NT	1.30	0.001	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	HV	NT	1.24	0.001	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	LV	NT	2.85	0.002	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	NT	1.96	0.001	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	HV	NT	2.06	0.001	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	LV	NT	2.66	0.002	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	NT	2.65	0.002	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	HV	NT	1.72	0.001	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	LV	NT	1.44	0.001	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	NT	0.64	0.000	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	HV	NT	1.87	0.001	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	LV	NT	1.10	0.001	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	NT	1.65	0.001	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	HV	NT	0.13	0.000	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	LV	NT	-1.32	-0.001	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	NT	-2.70	-0.002	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	HV	NT	-1.47	-0.001	PASS

NVNT	Band 4	20	20300	100	#0	16QAM	LV	NT	-0.93	-0.001	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	NT	-1.26	-0.001	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	HV	NT	-1.59	-0.001	PASS

Condition	***Band***	***Bandwidth (MHz)***	***UL Channel***	***RB Size***	***RB Position***	***Modulation***	***Voltage (Vdc)***	***Temperature (C)***	***Result (Hz)***	***Result (ppm)***	***Verdict***
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	-30	9.66	0.006	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	-20	13.20	0.008	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	0	12.86	0.008	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	10	12.13	0.007	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	20	15.61	0.009	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	30	13.50	0.008	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	40	15.71	0.009	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	50	15.56	0.009	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	-30	17.88	0.010	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	-20	17.60	0.010	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	0	14.53	0.008	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	10	16.44	0.010	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	20	16.45	0.010	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	30	15.15	0.009	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	40	16.16	0.009	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	50	16.01	0.009	PASS
NVNT	Band	1.4	20175	6	#0	QPSK	NV	-30	6.75	0.004	PASS

	4										
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	-20	6.77	0.004	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	0	6.55	0.004	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	10	5.75	0.003	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	20	5.01	0.003	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	30	4.23	0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	40	3.98	0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	50	3.26	0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	-30	3.10	0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	-20	3.32	0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	0	3.68	0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	10	3.10	0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	20	1.24	0.001	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	30	2.45	0.001	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	40	4.43	0.003	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	50	3.05	0.002	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	-30	-4.62	-0.003	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	-20	-4.48	-0.003	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	0	-3.73	-0.002	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	10	-5.85	-0.003	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	20	-4.28	-0.002	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	30	-5.22	-0.003	PASS

NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	40	-2.86	-0.002	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	50	-3.06	-0.002	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	-30	-0.03	0.000	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	-20	-1.93	-0.001	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	0	0.23	0.000	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	10	-1.23	-0.001	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	20	-1.82	-0.001	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	30	-1.04	-0.001	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	40	-0.49	0.000	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	50	-2.25	-0.001	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	-30	1.49	0.001	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	-20	2.75	0.002	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	0	1.79	0.001	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	10	1.90	0.001	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	20	1.97	0.001	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	30	1.80	0.001	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	40	3.00	0.002	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	50	2.52	0.001	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	-30	2.69	0.002	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	-20	0.99	0.001	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	0	3.46	0.002	PASS
NVNT	Band	3	19965	15	#0	16QAM	NV	10	2.16	0.001	PASS

	4										
NVNT	Band 4	3	19965	15	#0	16QAM	NV	20	3.18	0.002	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	30	1.80	0.001	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	40	2.57	0.002	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	50	3.56	0.002	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	-30	1.40	0.001	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	-20	2.49	0.001	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	0	2.57	0.001	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	10	3.20	0.002	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	20	2.96	0.002	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	30	3.30	0.002	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	40	1.33	0.001	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	50	2.36	0.001	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	-30	2.98	0.002	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	-20	1.46	0.001	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	0	1.00	0.001	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	10	2.32	0.001	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	20	1.47	0.001	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	30	1.63	0.001	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	40	2.85	0.002	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	50	1.23	0.001	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	-30	1.77	0.001	PASS

NVNT	Band 4	3	20385	15	#0	QPSK	NV	-20	3.19	0.002	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	0	2.76	0.002	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	10	2.55	0.001	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	20	2.02	0.001	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	30	0.19	0.000	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	40	1.73	0.001	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	50	2.33	0.001	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	-30	0.57	0.000	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	-20	1.12	0.001	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	0	1.54	0.001	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	10	1.49	0.001	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	20	1.46	0.001	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	30	1.24	0.001	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	40	3.65	0.002	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	50	1.60	0.001	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	-30	1.96	0.001	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	-20	2.95	0.002	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	0	2.55	0.001	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	10	3.72	0.002	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	20	2.85	0.002	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	30	3.06	0.002	PASS
NVNT	Band	5	19975	25	#0	QPSK	NV	40	2.68	0.002	PASS

	4										
NVNT	Band 4	5	19975	25	#0	QPSK	NV	50	2.75	0.002	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	-30	2.59	0.002	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	-20	3.16	0.002	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	0	4.25	0.002	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	10	2.42	0.001	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	20	3.26	0.002	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	30	3.59	0.002	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	40	3.71	0.002	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	50	3.48	0.002	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	-30	1.83	0.001	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	-20	1.00	0.001	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	0	1.40	0.001	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	10	0.86	0.000	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	20	0.77	0.000	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	30	2.92	0.002	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	40	1.47	0.001	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	50	1.36	0.001	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	-30	2.82	0.002	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	-20	1.07	0.001	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	0	0.51	0.000	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	10	0.59	0.000	PASS

NVNT	Band 4	5	20175	25	#0	16QAM	NV	20	1.69	0.001	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	30	0.37	0.000	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	40	1.46	0.001	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	50	0.82	0.000	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	-30	-3.23	-0.002	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	-20	-1.33	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	0	-0.79	0.000	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	10	-1.40	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	20	-1.23	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	30	-2.76	-0.002	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	40	-2.23	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	50	-2.06	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	-30	-1.09	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	-20	-3.62	-0.002	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	0	-0.41	0.000	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	10	-1.06	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	20	-0.83	0.000	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	30	-2.40	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	40	-0.54	0.000	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	50	-1.90	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	-30	-1.46	-0.001	PASS
NVNT	Band	10	20000	50	#0	QPSK	NV	-20	-1.20	-0.001	PASS

	4										
NVNT	Band 4	10	20000	50	#0	QPSK	NV	0	-1.22	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	10	-1.54	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	20	-1.09	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	30	-1.42	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	40	-0.94	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	50	-0.89	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	-30	-1.62	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	-20	-2.47	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	0	-1.30	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	10	-2.35	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	20	-0.69	0.000	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	30	-2.03	-0.001	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	40	-0.11	0.000	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	50	-2.13	-0.001	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	-30	1.33	0.001	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	-20	0.69	0.000	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	0	1.32	0.001	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	10	0.77	0.000	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	20	1.89	0.001	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	30	2.49	0.001	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	40	2.03	0.001	PASS

NVNT	Band 4	10	20175	50	#0	QPSK	NV	50	1.75	0.001	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	-30	0.23	0.000	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	-20	1.95	0.001	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	0	1.70	0.001	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	10	-0.36	0.000	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	20	0.10	0.000	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	30	2.37	0.001	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	40	1.42	0.001	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	50	1.80	0.001	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	-30	3.15	0.002	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	-20	1.39	0.001	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	0	2.33	0.001	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	10	3.12	0.002	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	20	3.08	0.002	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	30	2.72	0.002	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	40	3.30	0.002	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	50	1.30	0.001	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	-30	2.37	0.001	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	-20	2.75	0.002	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	0	2.95	0.002	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	10	2.72	0.002	PASS
NVNT	Band	10	20350	50	#0	16QAM	NV	20	3.59	0.002	PASS

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NVNT	Band 4	10	20350	50	#0	16QAM	NV	30	3.66	0.002	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	40	2.83	0.002	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	50	3.18	0.002	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	-30	0.27	0.000	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	-20	-0.53	0.000	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	0	0.14	0.000	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	10	1.33	0.001	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	20	0.64	0.000	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	30	0.69	0.000	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	40	0.49	0.000	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	50	0.20	0.000	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	-30	0.82	0.000	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	-20	1.23	0.001	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	0	0.50	0.000	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	10	-0.29	0.000	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	20	0.62	0.000	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	30	1.07	0.001	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	40	1.37	0.001	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	50	0.62	0.000	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	-30	0.49	0.000	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	-20	0.40	0.000	PASS

NVNT	Band 4	15	20175	75	#0	QPSK	NV	0	1.10	0.001	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	10	0.80	0.000	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	20	0.63	0.000	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	30	0.24	0.000	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	40	1.00	0.001	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	50	0.97	0.001	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	-30	1.39	0.001	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	-20	0.87	0.001	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	0	0.56	0.000	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	10	1.70	0.001	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	20	1.77	0.001	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	30	1.39	0.001	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	40	-0.59	0.000	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	50	1.56	0.001	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	-30	1.40	0.001	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	-20	1.53	0.001	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	0	0.46	0.000	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	10	1.32	0.001	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	20	2.37	0.001	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	30	1.34	0.001	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	40	1.65	0.001	PASS
NVNT	Band	15	20325	75	#0	QPSK	NV	50	2.49	0.001	PASS

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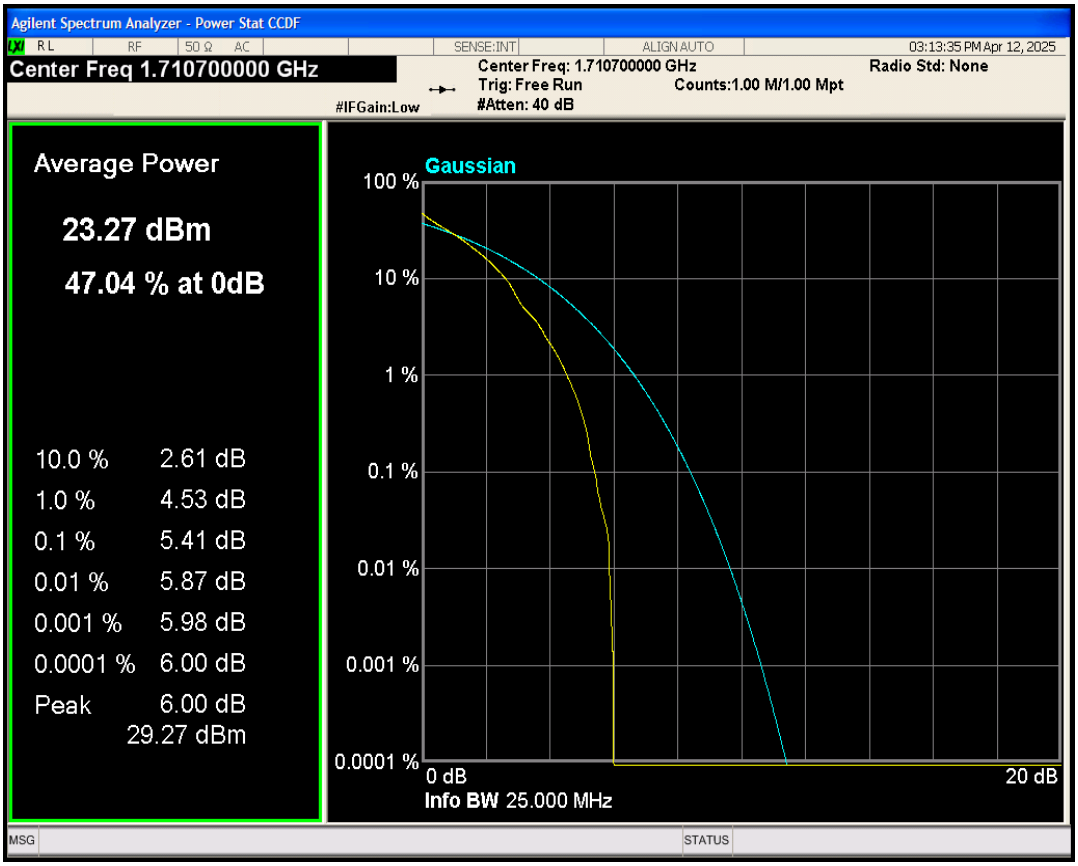
NVNT	Band 4	15	20325	75	#0	16QAM	NV	-30	0.66	0.000	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	-20	2.63	0.002	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	0	3.19	0.002	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	10	2.50	0.001	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	20	1.23	0.001	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	30	0.26	0.000	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	40	0.62	0.000	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	50	0.62	0.000	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	-30	1.69	0.001	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	-20	1.77	0.001	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	0	2.03	0.001	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	10	3.18	0.002	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	20	1.99	0.001	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	30	1.87	0.001	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	40	2.83	0.002	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	50	2.63	0.002	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	-30	2.20	0.001	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	-20	2.60	0.002	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	0	2.78	0.002	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	10	3.82	0.002	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	20	2.36	0.001	PASS

NVNT	Band 4	20	20050	100	#0	16QAM	NV	30	1.10	0.001	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	40	2.33	0.001	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	50	3.16	0.002	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	-30	1.27	0.001	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	-20	1.95	0.001	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	0	1.06	0.001	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	10	1.53	0.001	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	20	0.66	0.000	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	30	2.33	0.001	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	40	1.34	0.001	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	50	1.50	0.001	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	-30	2.20	0.001	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	-20	2.03	0.001	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	0	1.73	0.001	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	10	3.16	0.002	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	20	1.65	0.001	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	30	2.35	0.001	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	40	-0.06	0.000	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	50	1.24	0.001	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	-30	-1.32	-0.001	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	-20	-1.54	-0.001	PASS
NVNT	Band	20	20300	100	#0	QPSK	NV	0	-0.57	0.000	PASS

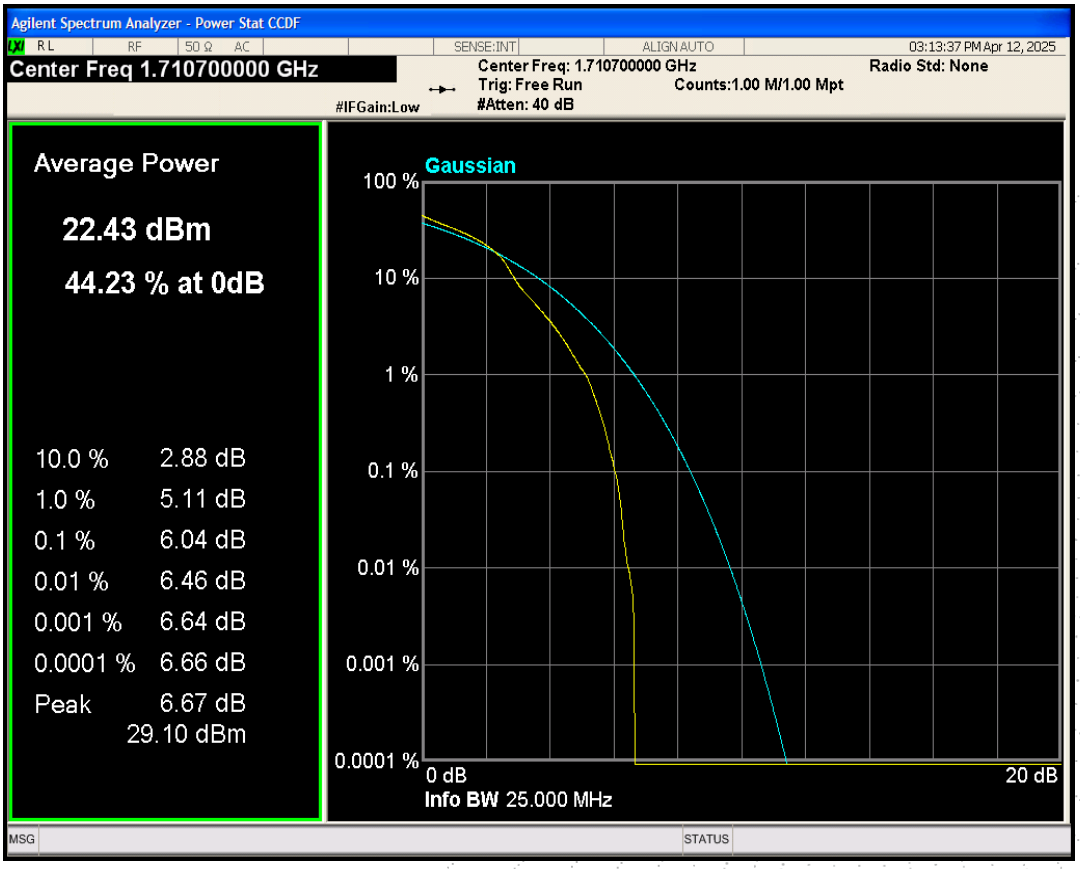
	4										
NVNT	Band 4	20	20300	100	#0	QPSK	NV	10	-0.89	-0.001	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	20	-1.80	-0.001	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	30	-0.14	0.000	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	40	-1.37	-0.001	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	50	-1.62	-0.001	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	-30	-2.33	-0.001	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	-20	-3.13	-0.002	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	0	-0.84	0.000	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	10	-0.27	0.000	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	20	-0.54	0.000	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	30	-1.06	-0.001	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	40	-2.80	-0.002	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	50	-1.82	-0.001	PASS

Appendix 3.Peak-to-Average Ratio

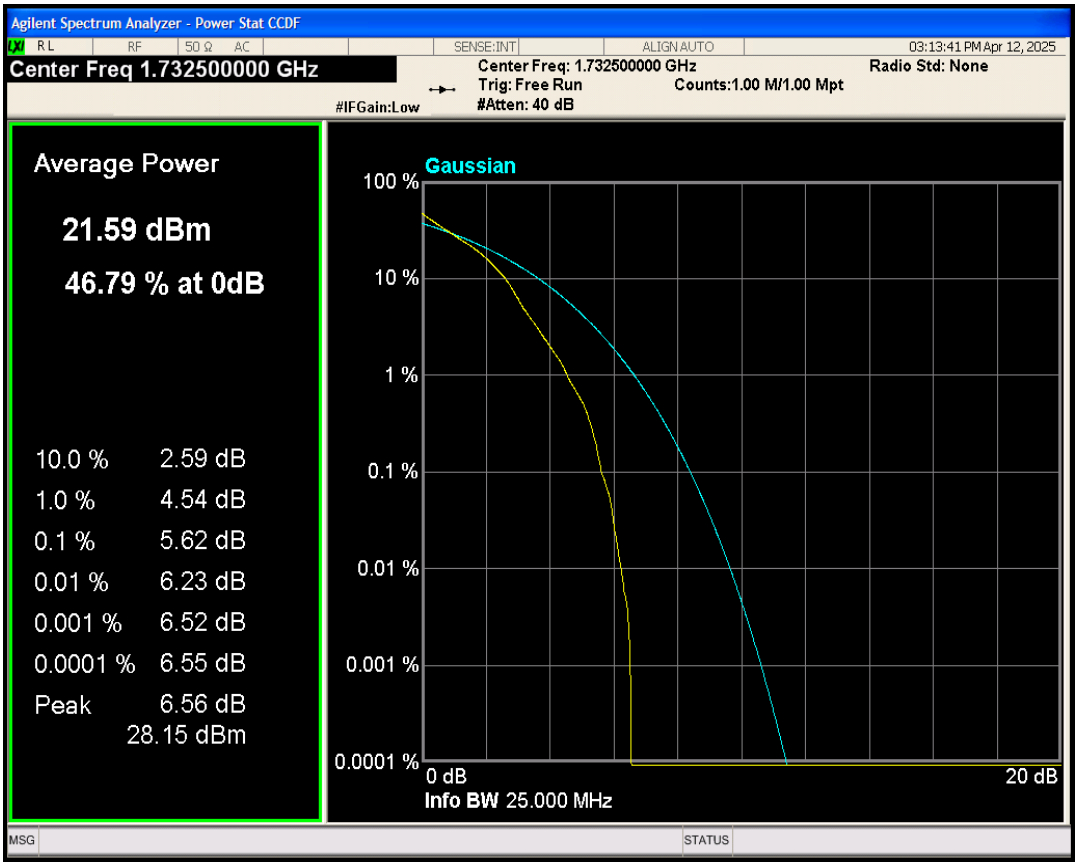
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band4	1.4	19957	1	#0	QPSK	5.41	13	PASS
NVNT	Band4	1.4	19957	1	#0	16QAM	6.04	13	PASS
NVNT	Band4	1.4	20175	1	#0	QPSK	5.62	13	PASS
NVNT	Band4	1.4	20175	1	#0	16QAM	6.61	13	PASS
NVNT	Band4	1.4	20393	1	#0	QPSK	5.73	13	PASS
NVNT	Band4	1.4	20393	1	#0	16QAM	6.67	13	PASS
NVNT	Band4	3	19965	1	#0	QPSK	5.55	13	PASS
NVNT	Band4	3	19965	1	#0	16QAM	6.51	13	PASS
NVNT	Band4	3	20175	1	#0	QPSK	5.61	13	PASS
NVNT	Band4	3	20175	1	#0	16QAM	6.66	13	PASS
NVNT	Band4	3	20385	1	#0	QPSK	5.46	13	PASS
NVNT	Band4	3	20385	1	#0	16QAM	6.12	13	PASS
NVNT	Band4	5	19975	1	#0	QPSK	5.71	13	PASS
NVNT	Band4	5	19975	1	#0	16QAM	6.09	13	PASS
NVNT	Band4	5	20175	1	#0	QPSK	5.52	13	PASS
NVNT	Band4	5	20175	1	#0	16QAM	6.00	13	PASS
NVNT	Band4	5	20375	1	#0	QPSK	5.57	13	PASS
NVNT	Band4	5	20375	1	#0	16QAM	6.26	13	PASS
NVNT	Band4	10	20000	1	#0	QPSK	5.60	13	PASS
NVNT	Band4	10	20000	1	#0	16QAM	6.38	13	PASS
NVNT	Band4	10	20175	1	#0	QPSK	5.51	13	PASS
NVNT	Band4	10	20175	1	#0	16QAM	6.40	13	PASS
NVNT	Band4	10	20350	1	#0	QPSK	5.32	13	PASS
NVNT	Band4	10	20350	1	#0	16QAM	6.03	13	PASS
NVNT	Band4	15	20025	1	#0	QPSK	5.63	13	PASS
NVNT	Band4	15	20025	1	#0	16QAM	6.51	13	PASS
NVNT	Band4	15	20175	1	#0	QPSK	5.56	13	PASS
NVNT	Band4	15	20175	1	#0	16QAM	6.46	13	PASS
NVNT	Band4	15	20325	1	#0	QPSK	5.70	13	PASS
NVNT	Band4	15	20325	1	#0	16QAM	6.40	13	PASS
NVNT	Band4	20	20050	1	#0	QPSK	5.45	13	PASS
NVNT	Band4	20	20050	1	#0	16QAM	5.96	13	PASS
NVNT	Band4	20	20175	1	#0	QPSK	5.46	13	PASS
NVNT	Band4	20	20175	1	#0	16QAM	5.94	13	PASS
NVNT	Band4	20	20300	1	#0	QPSK	5.85	13	PASS
NVNT	Band4	20	20300	1	#0	16QAM	6.56	13	PASS



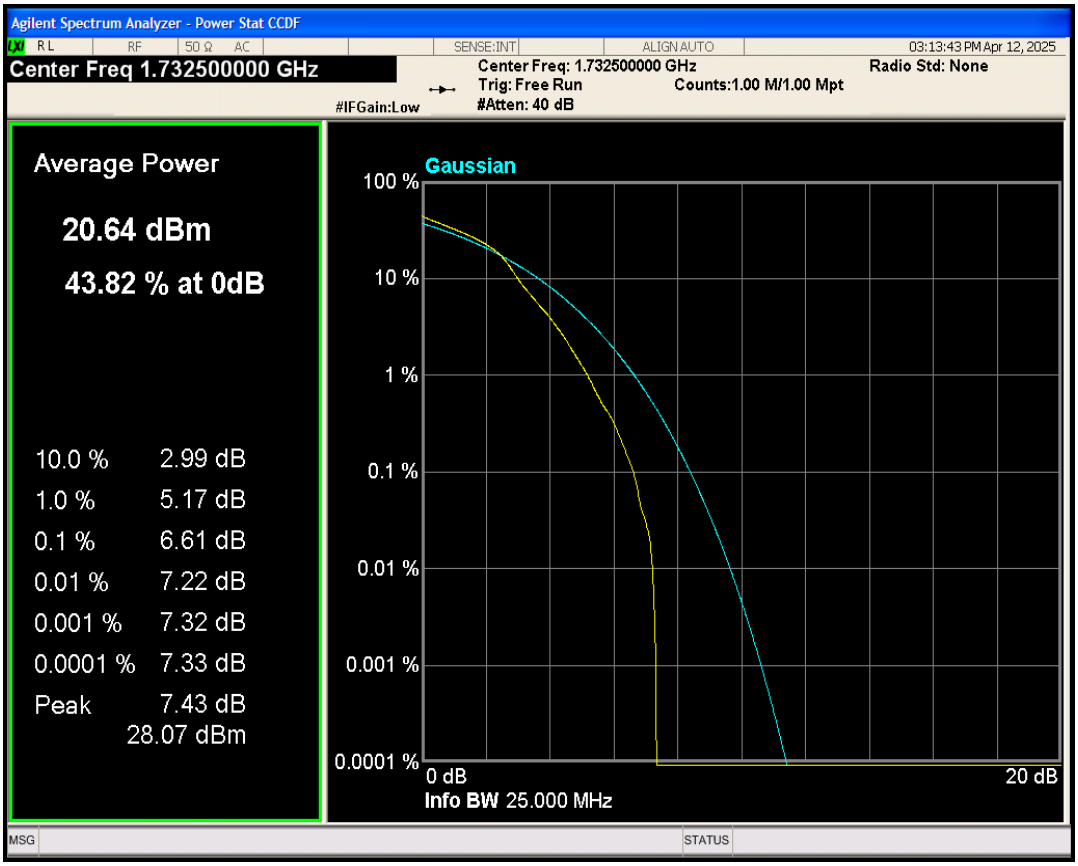
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0 NVNT



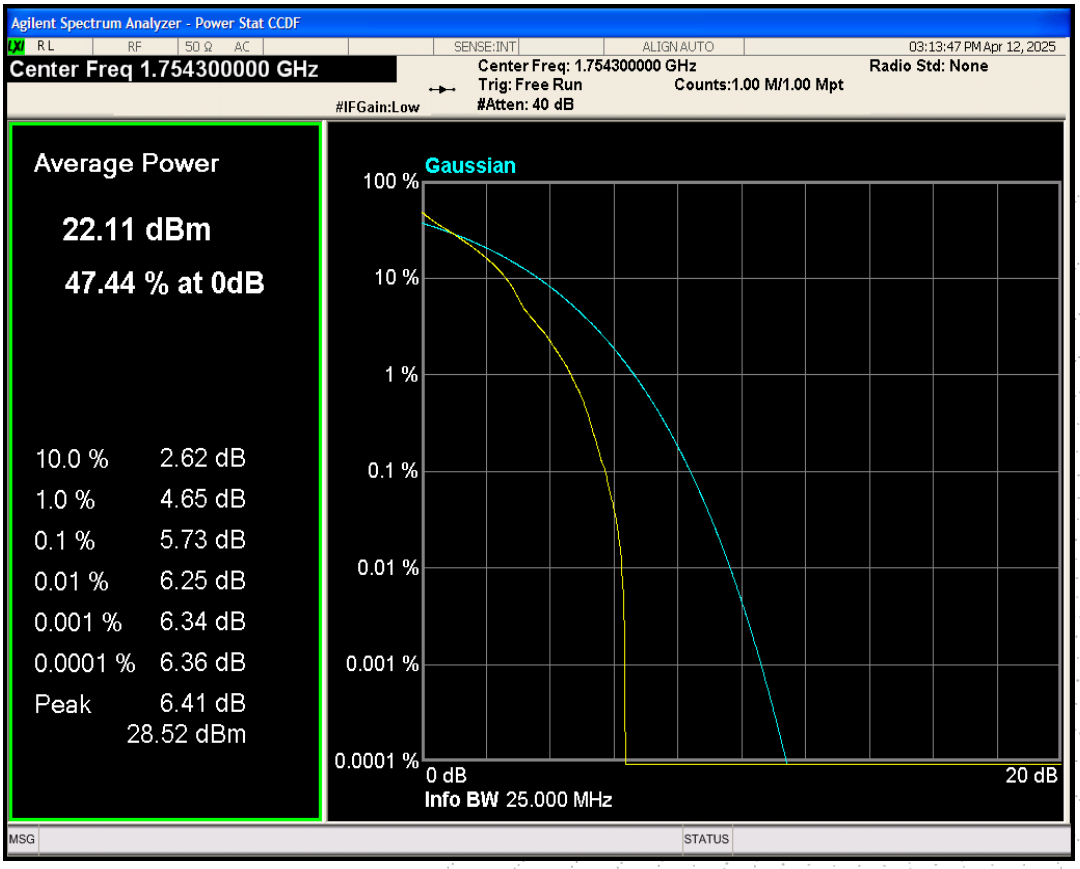
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0 NVNT



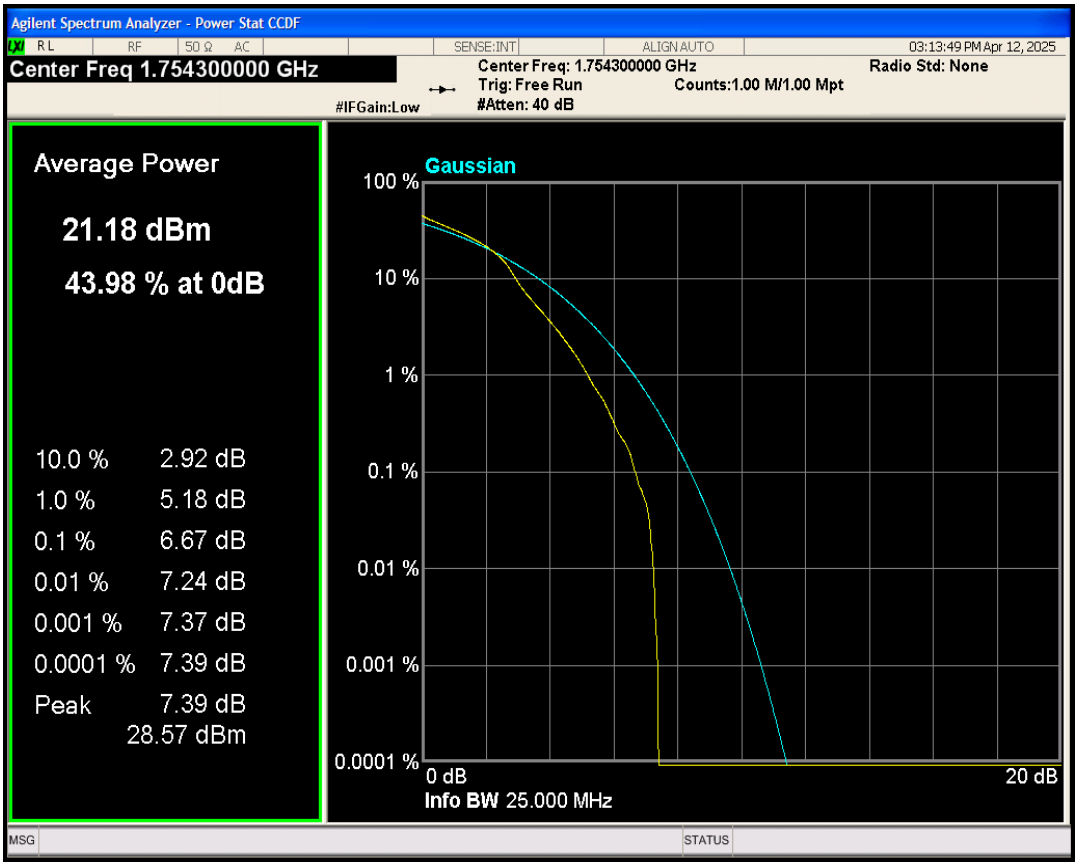
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0 NVNT



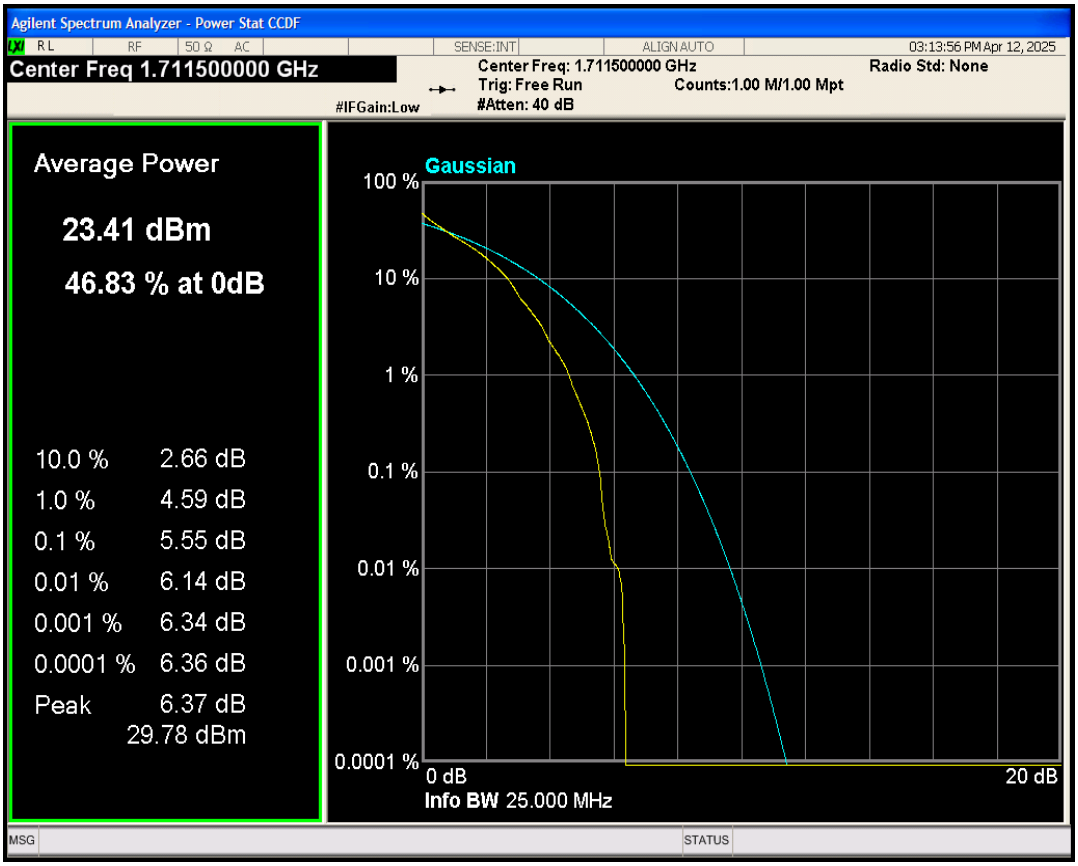
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0 NVNT



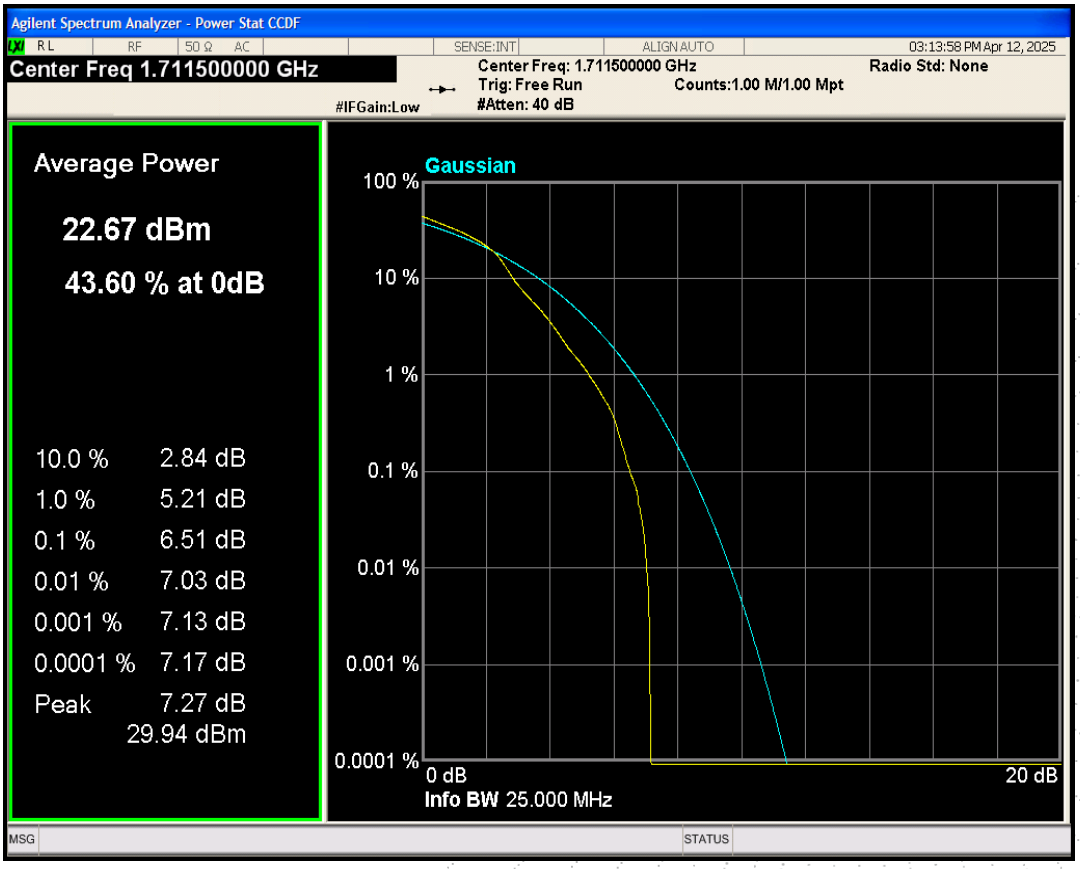
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0 NVNT



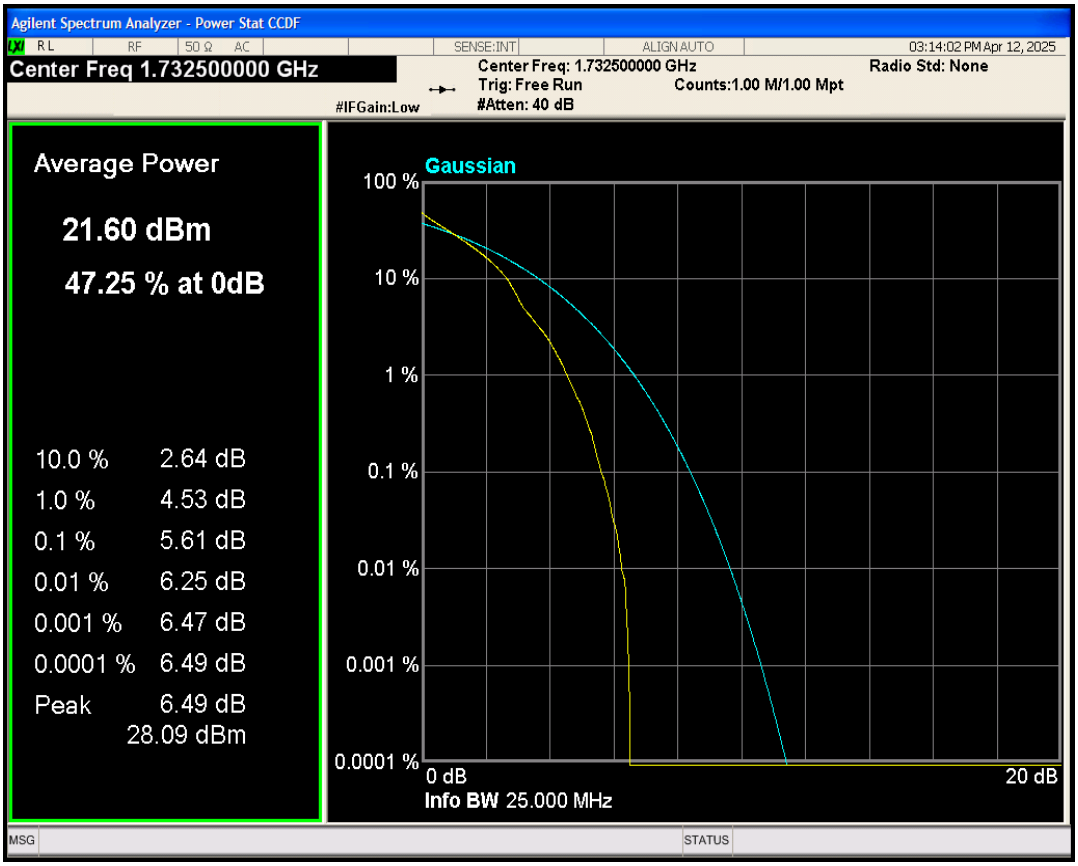
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0 NVNT



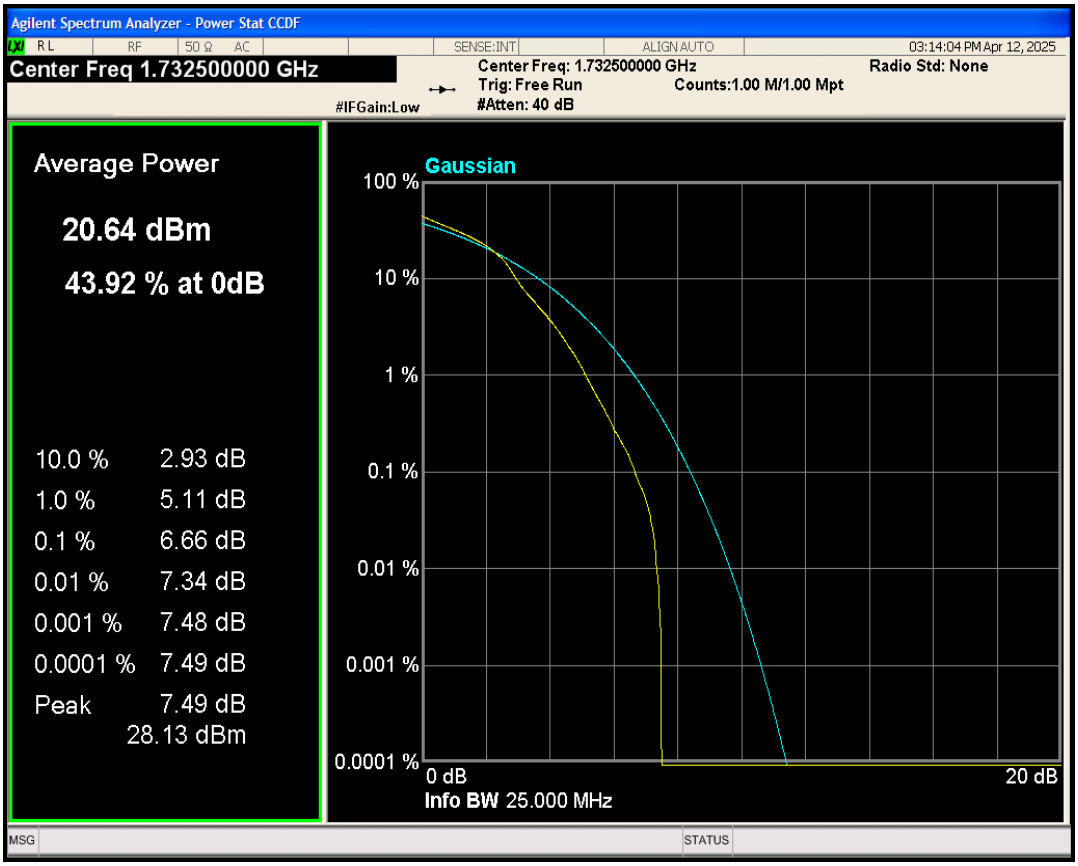
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0 NVNT



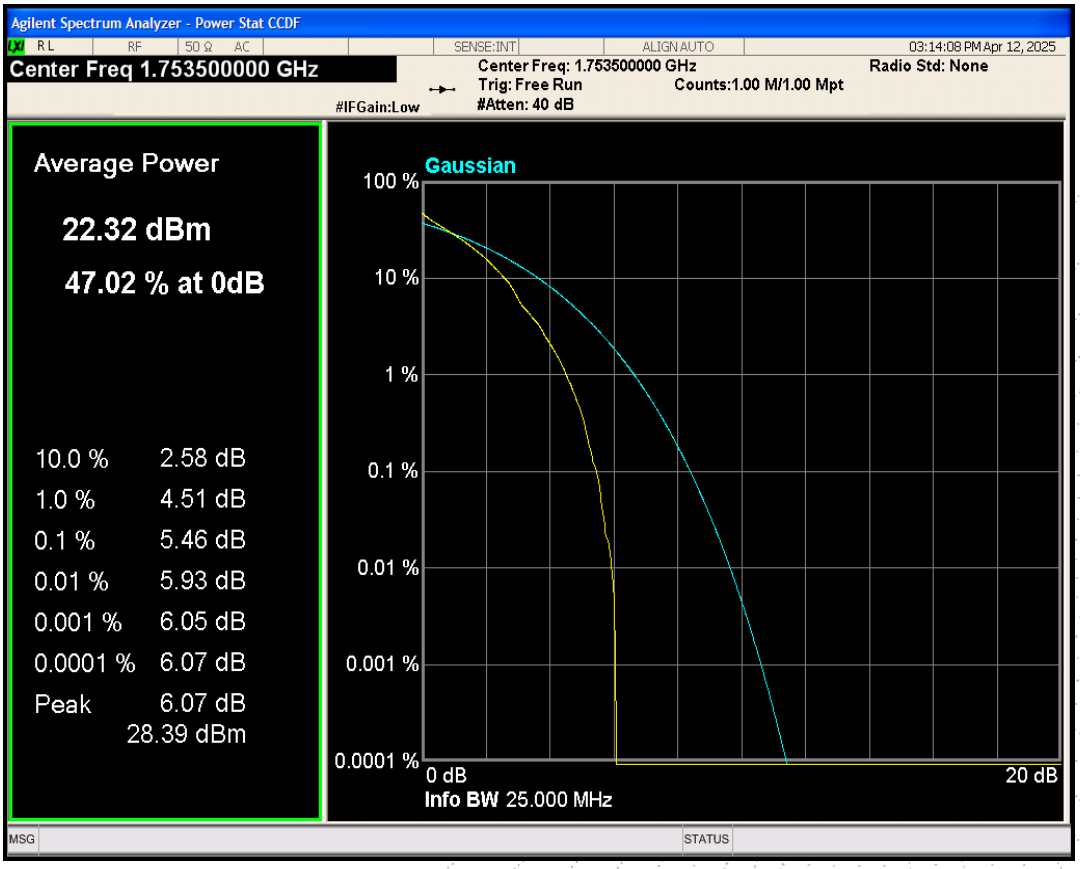
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0 NVNT



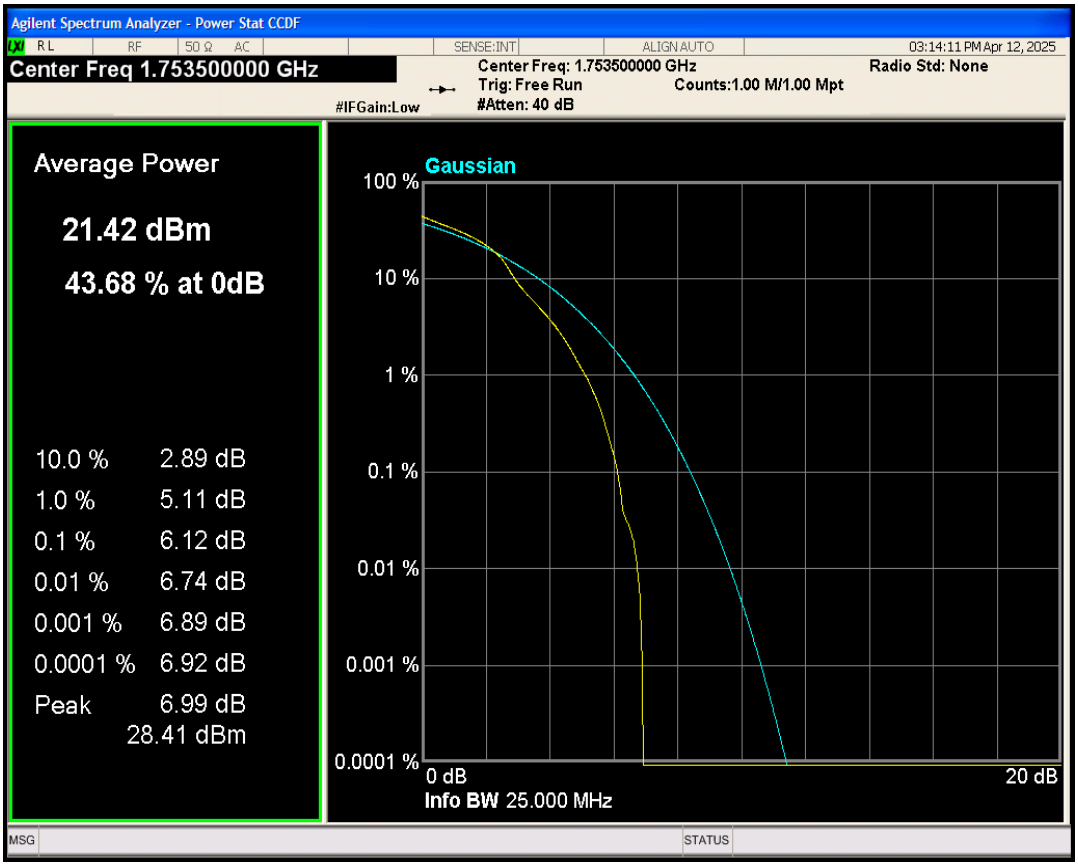
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0 NVNT



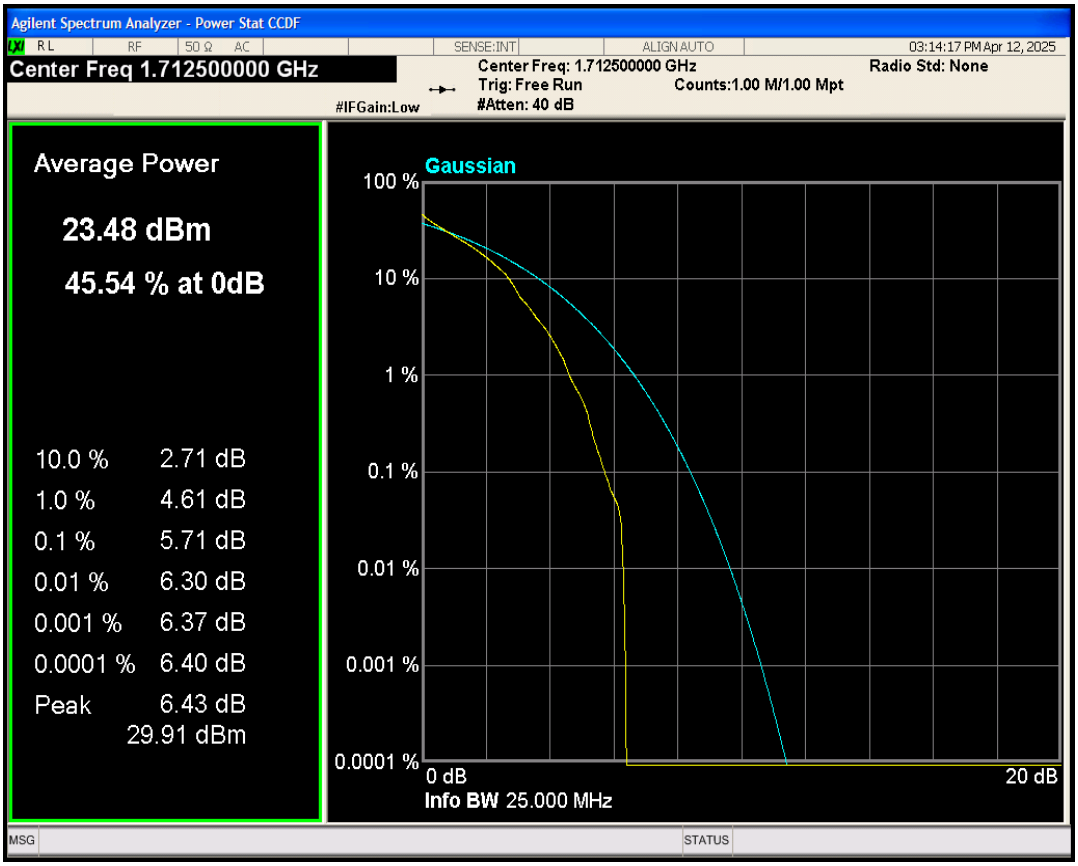
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0 NVNT



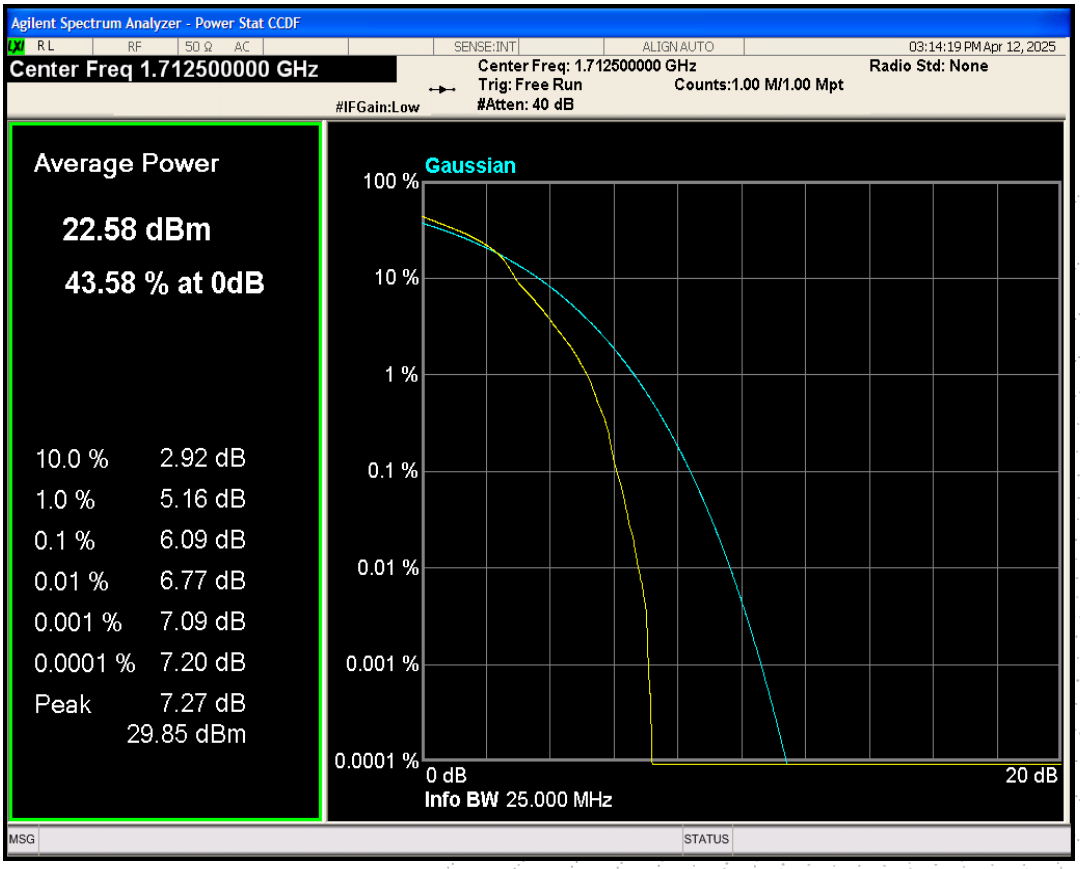
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0 NVNT



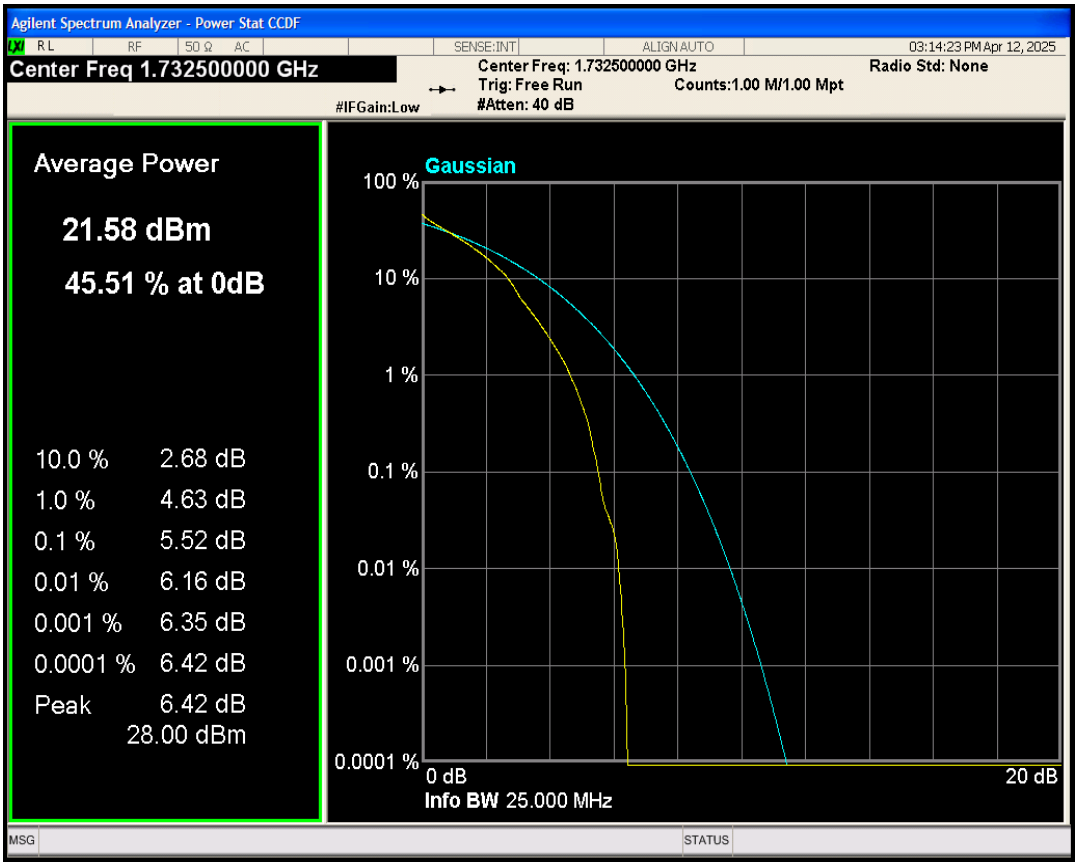
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0 NVNT



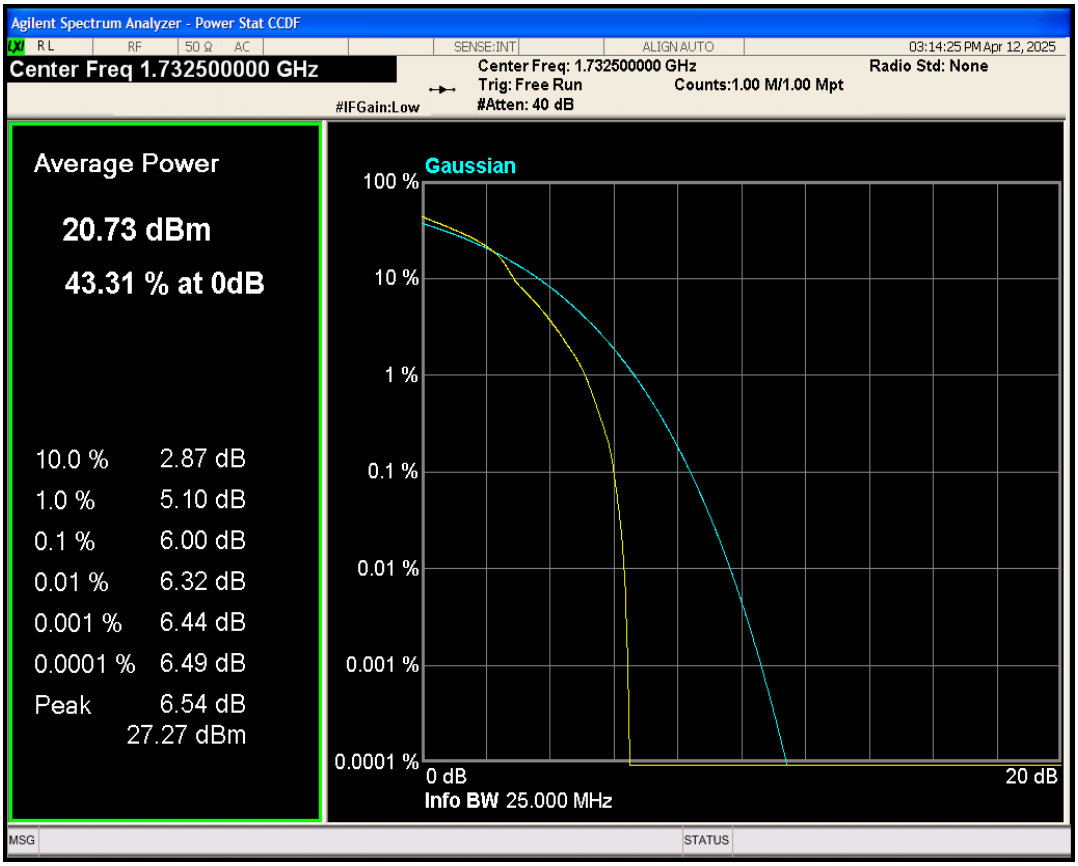
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0 NVNT



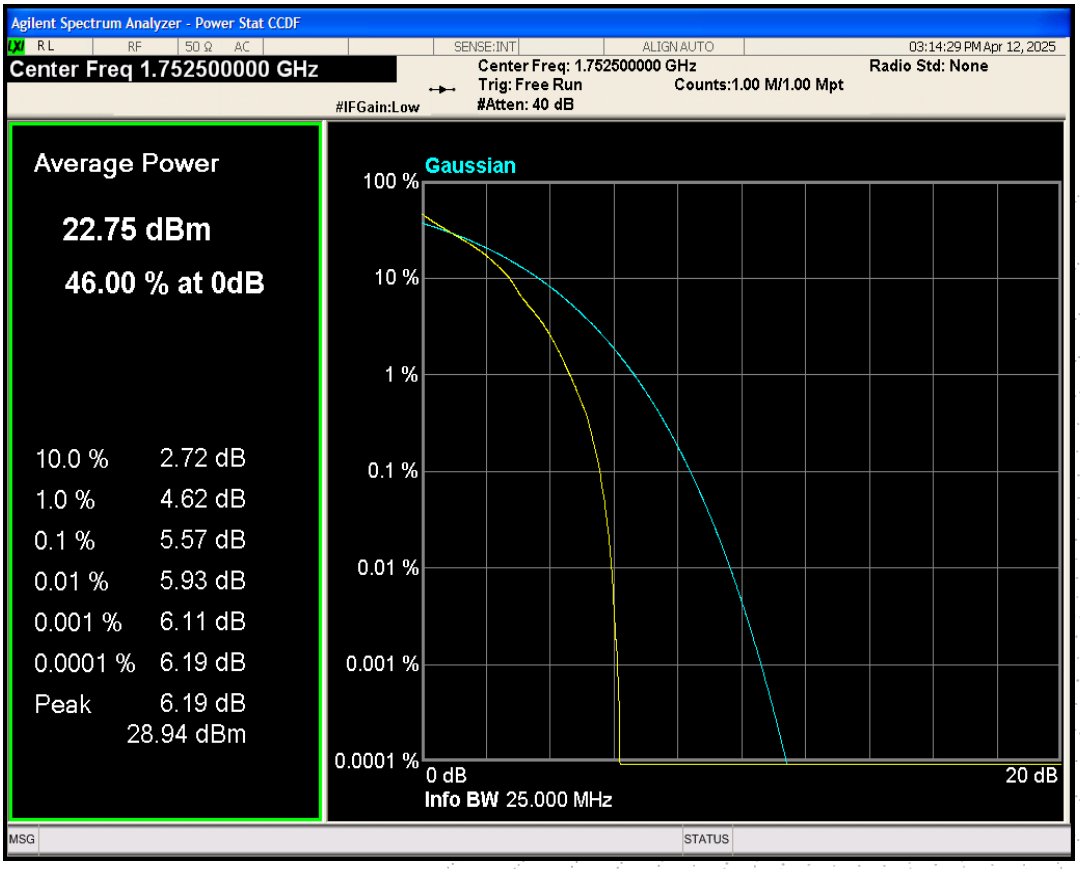
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0 NVNT



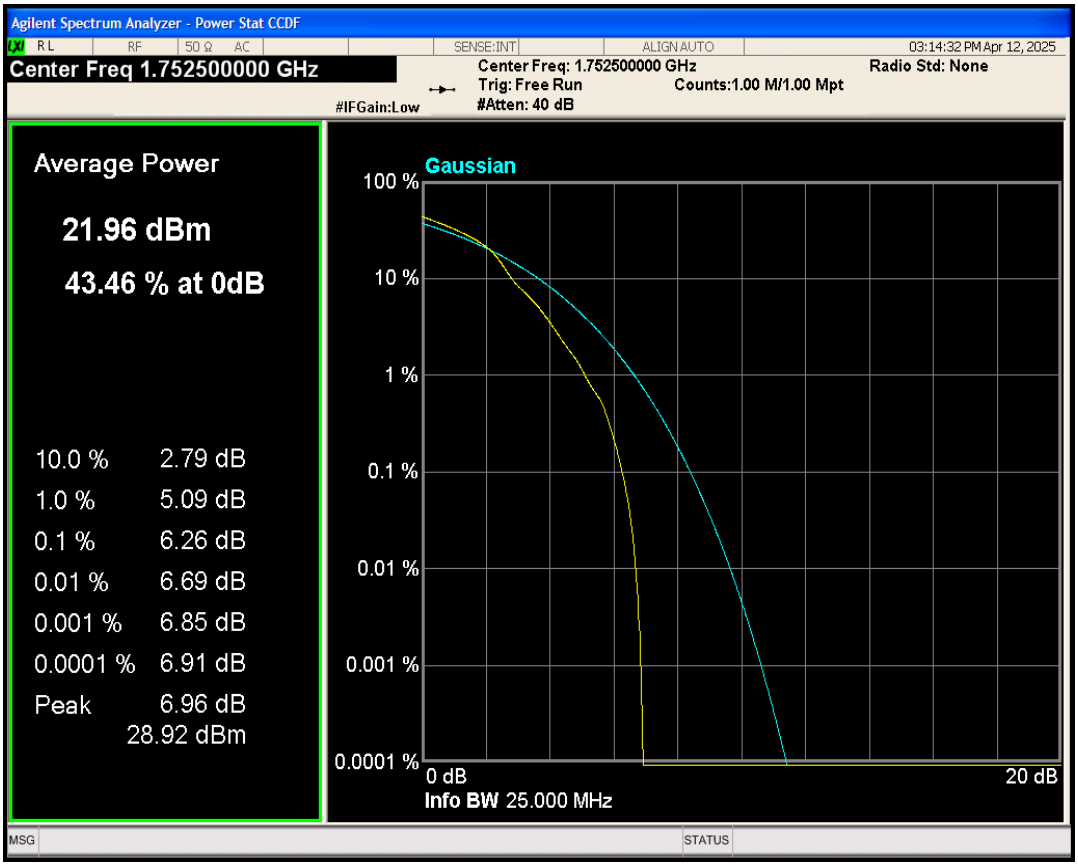
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0 NVNT



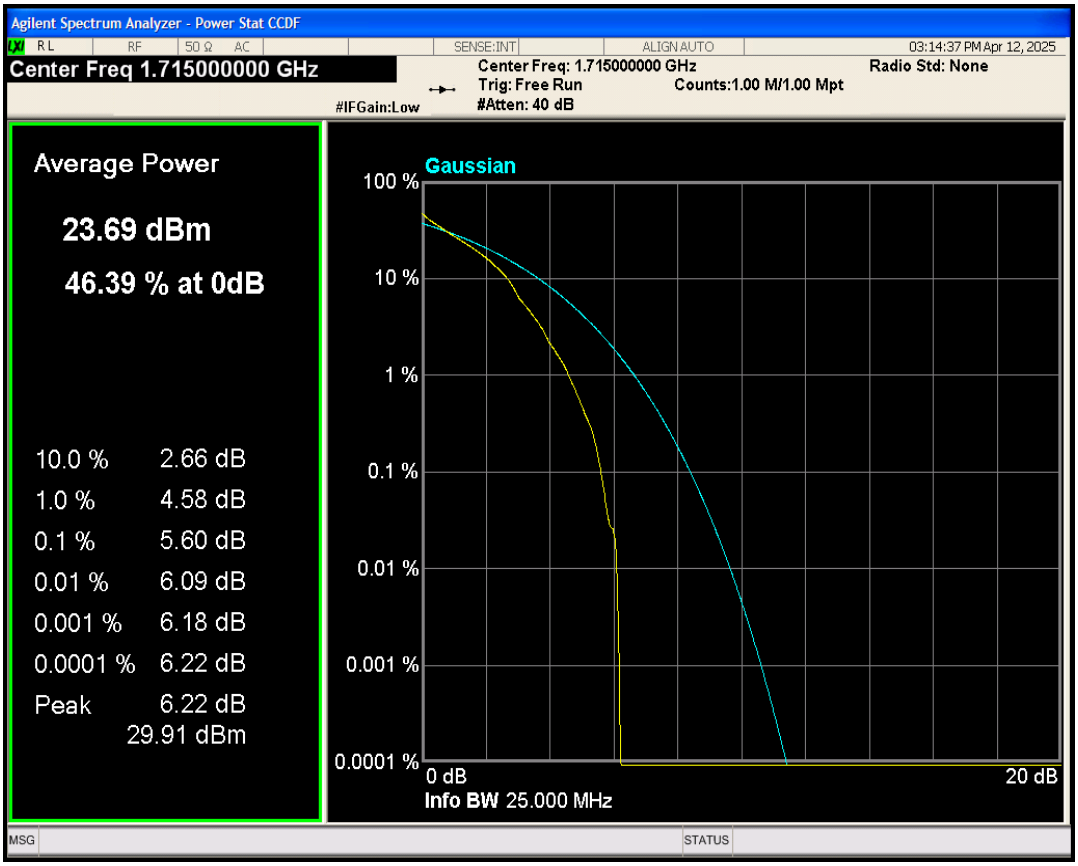
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0 NVNT



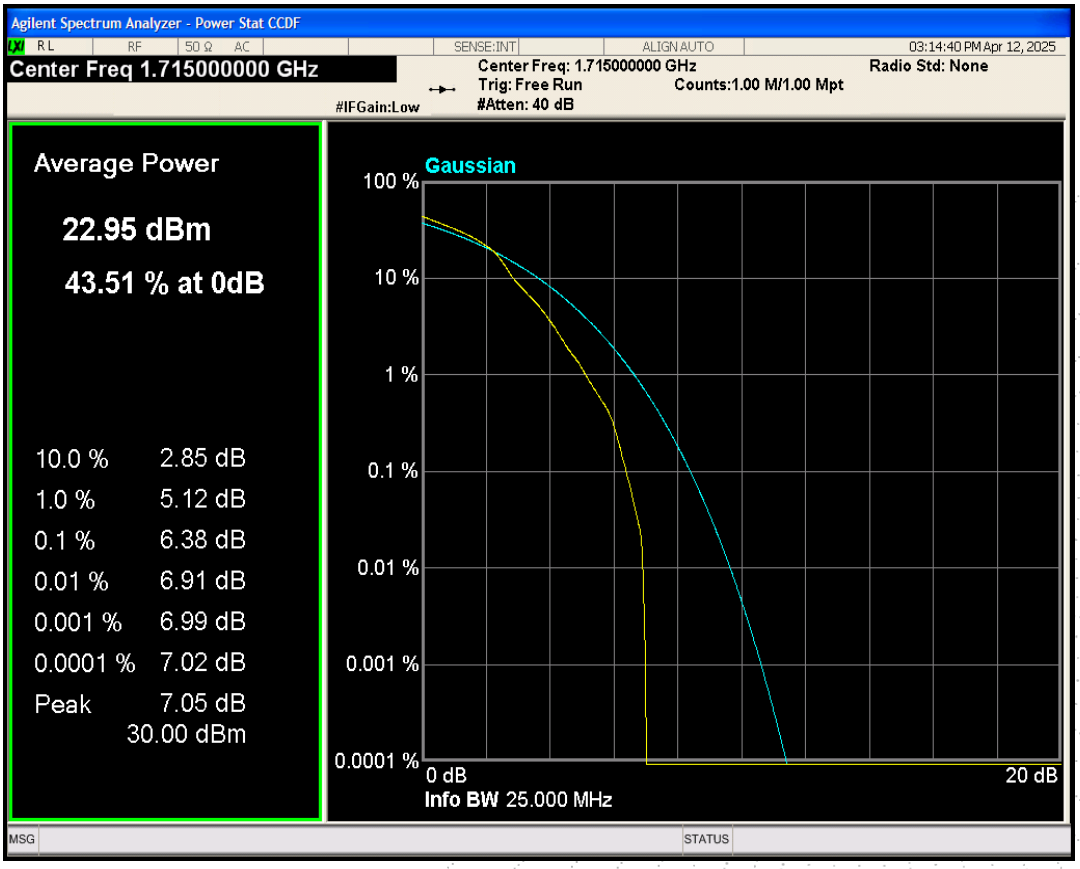
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0 NVNT



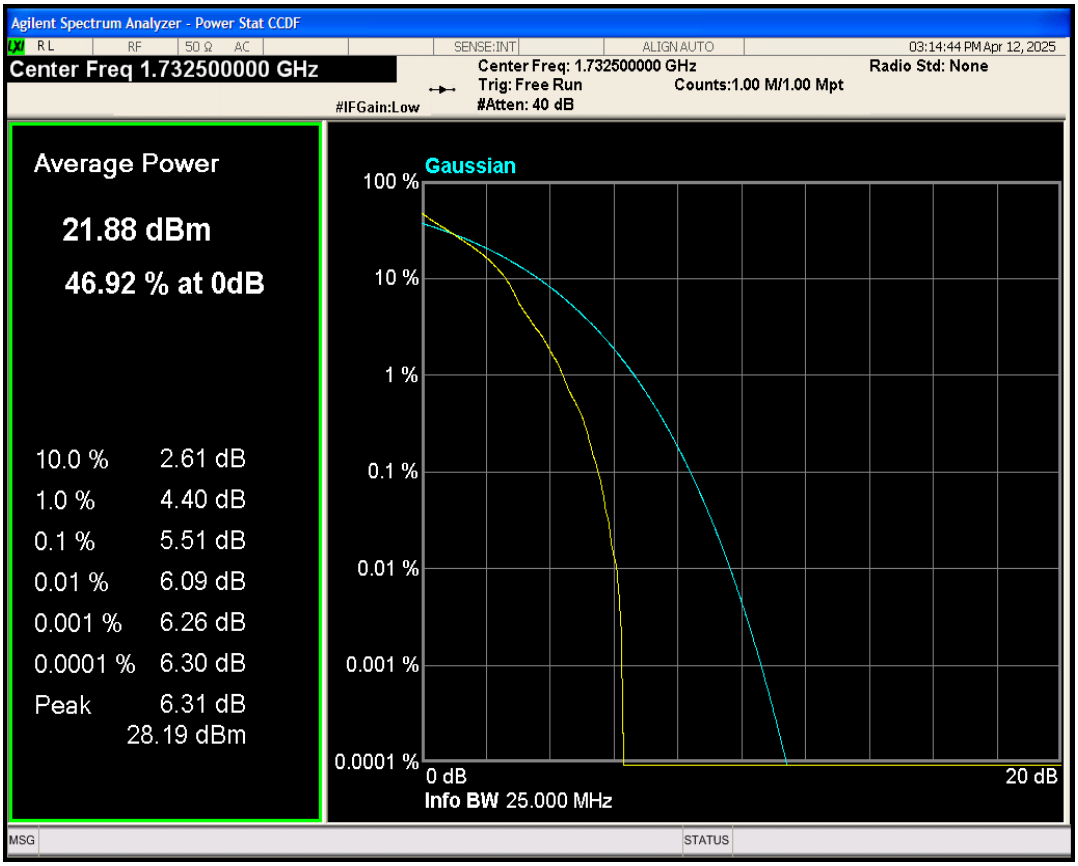
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0 NVNT



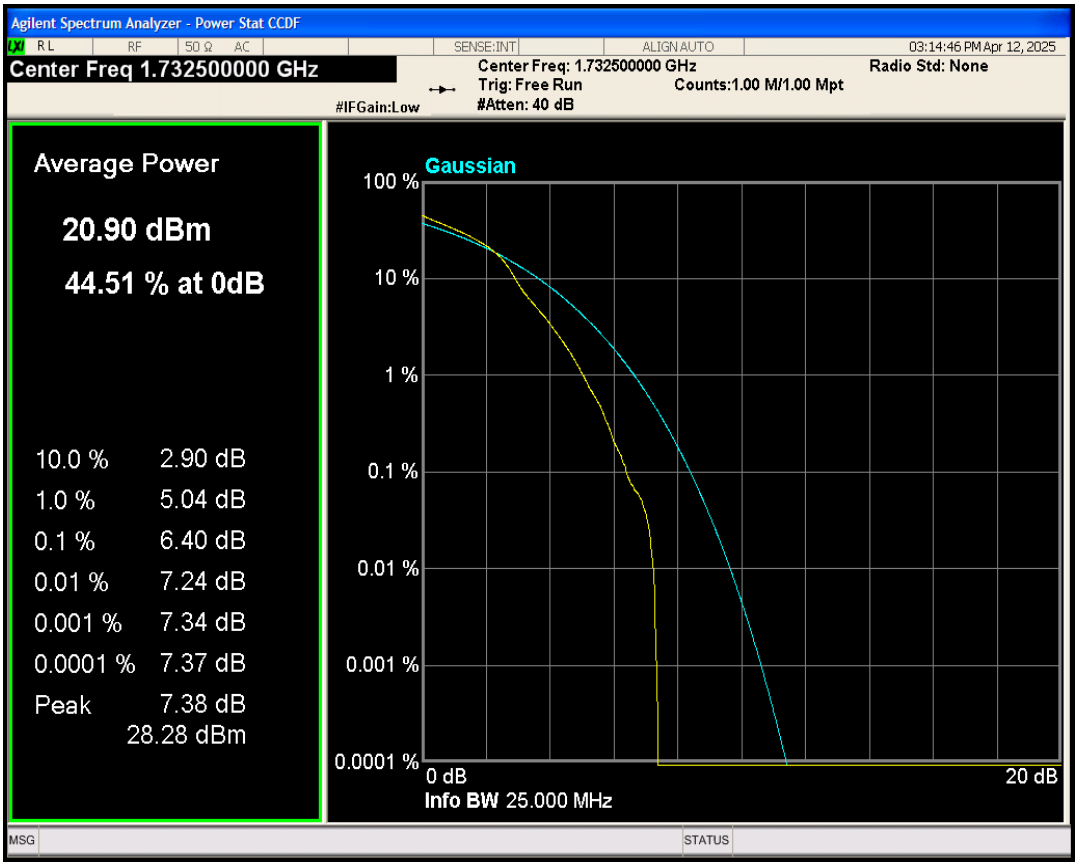
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0 NVNT



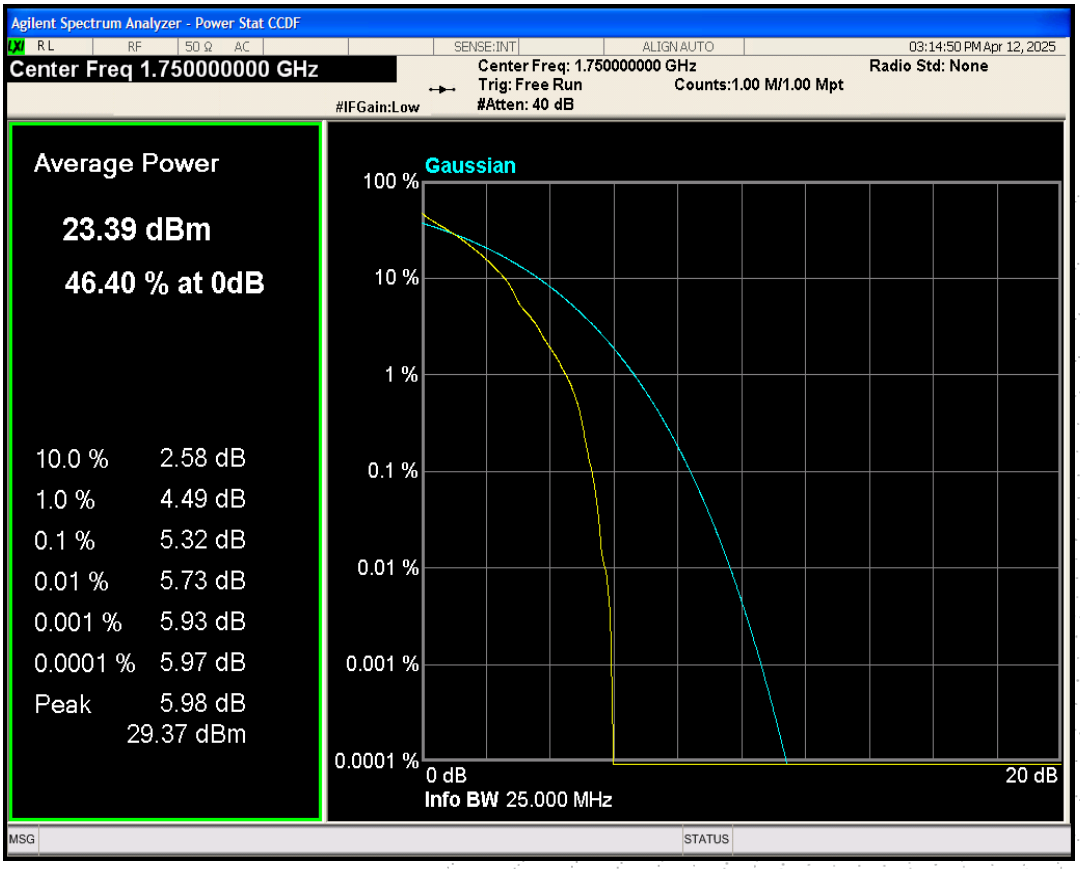
Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0 NVNT



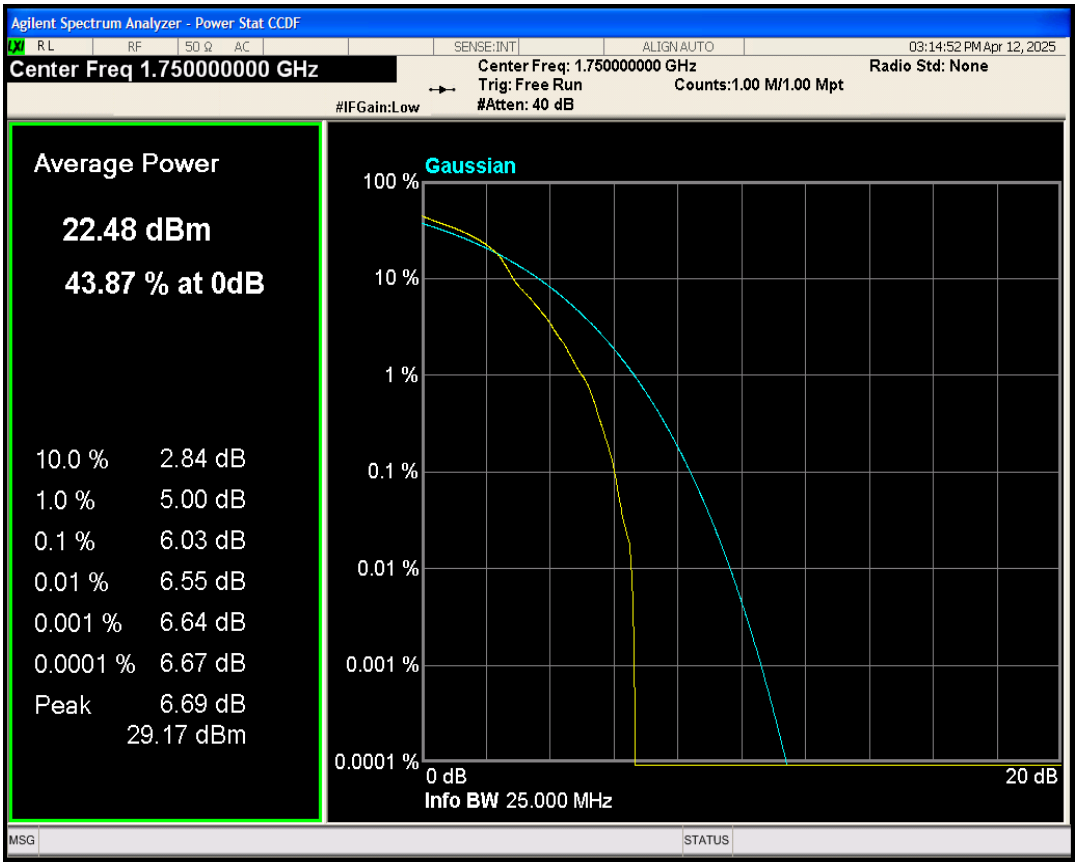
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0 NVNT



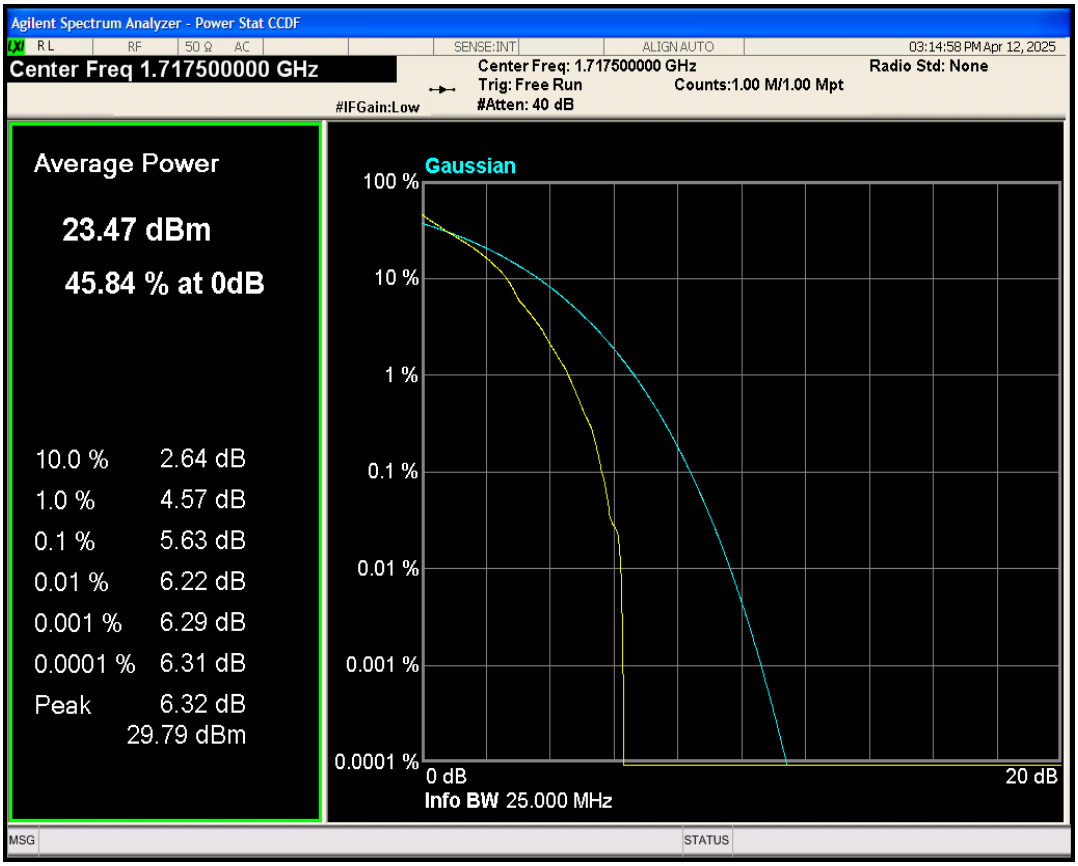
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0 NVNT



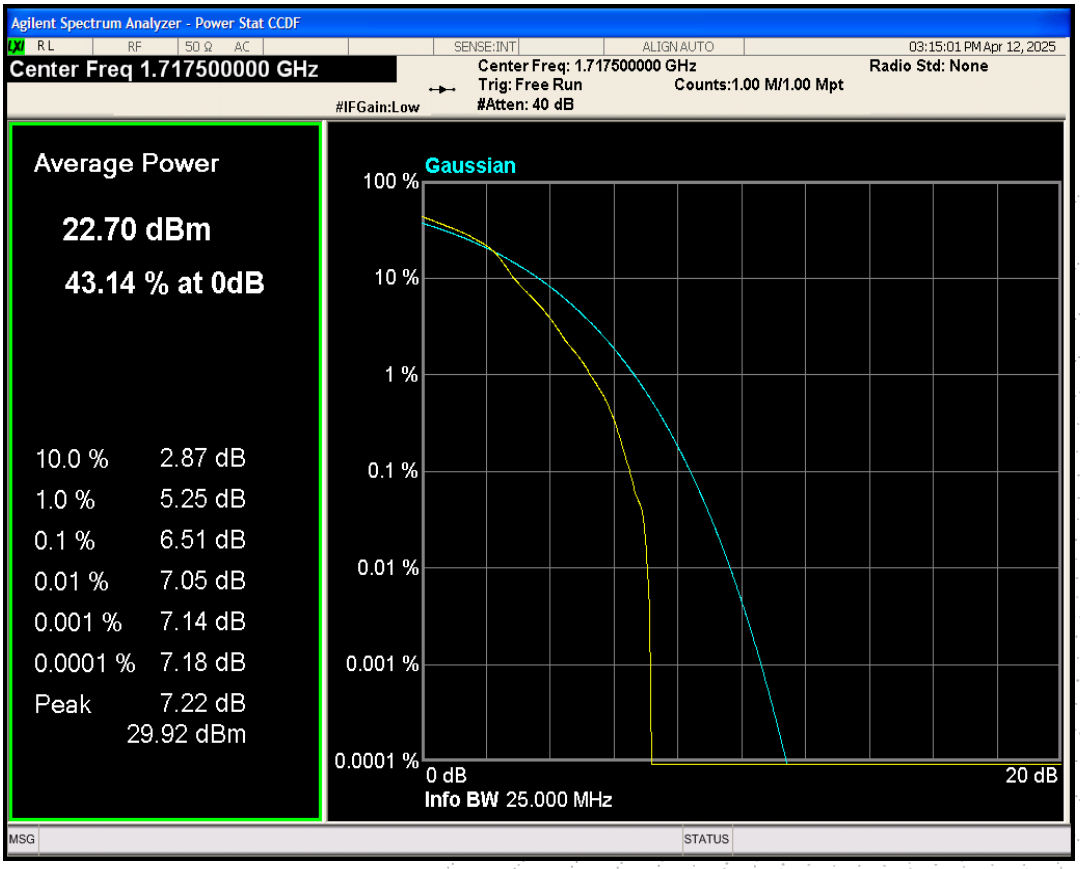
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0 NVNT



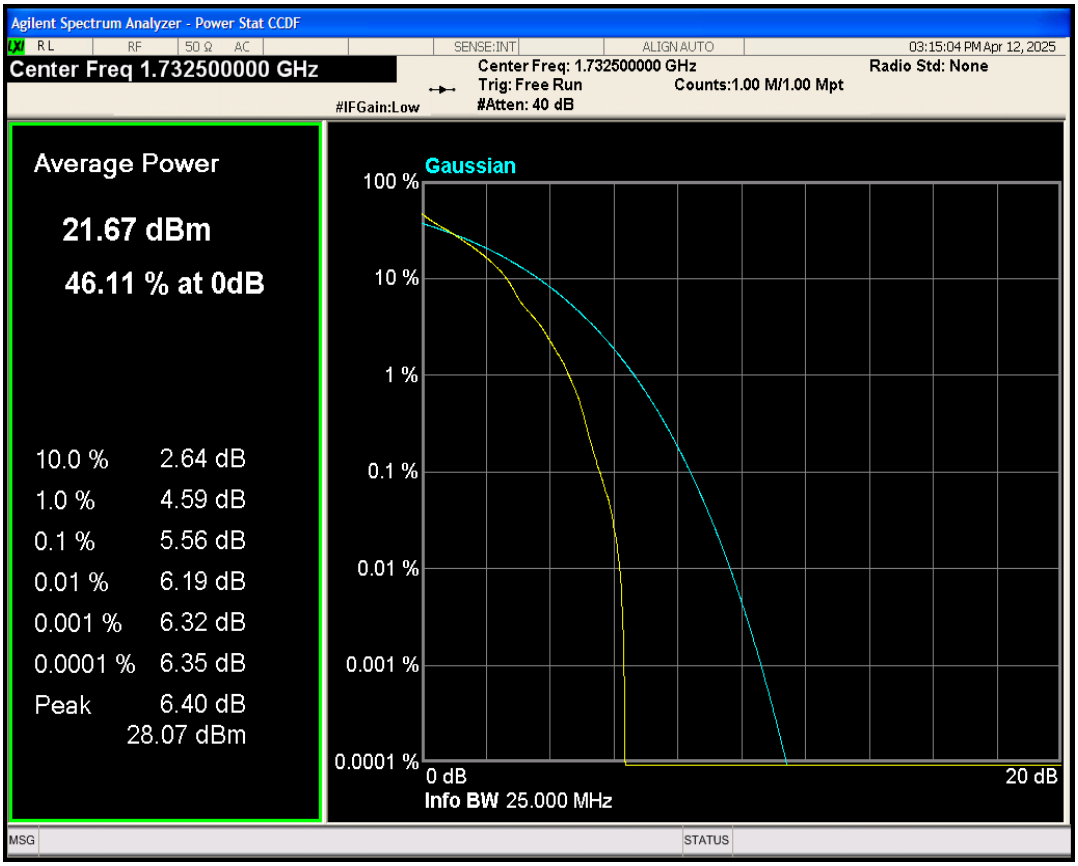
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0 NVNT



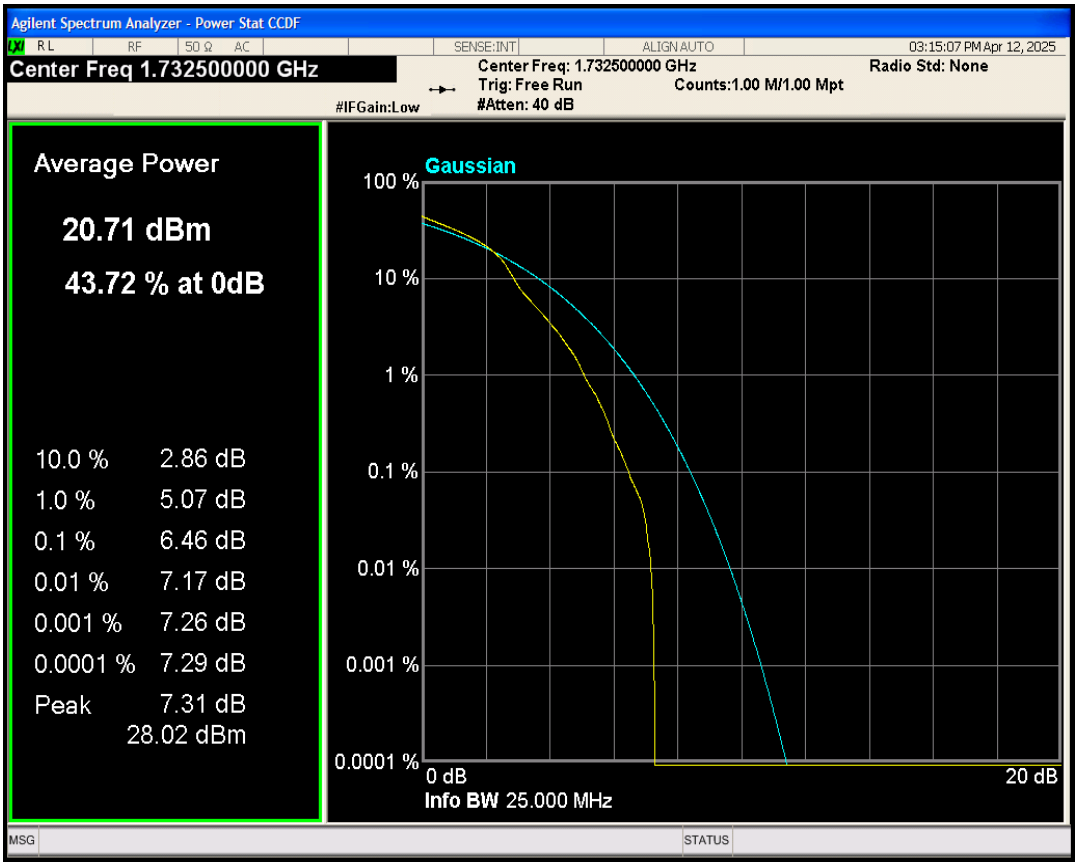
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0 NVNT



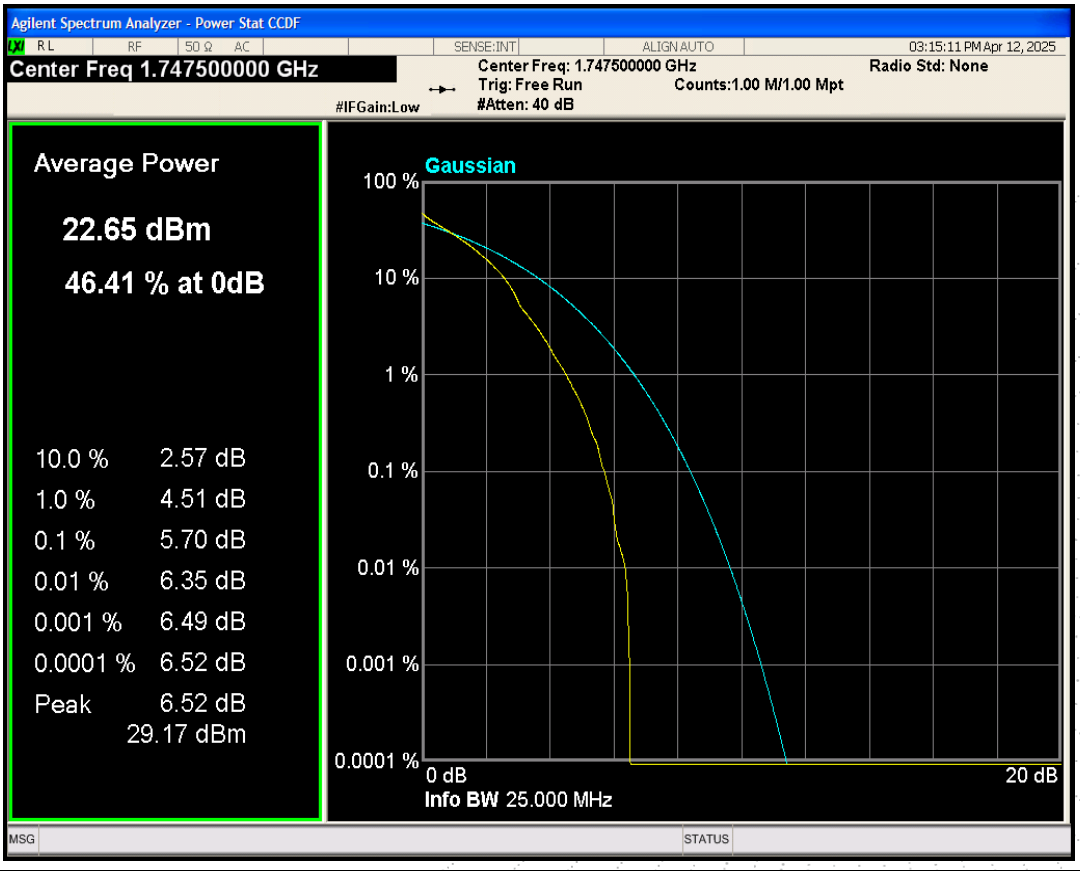
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0 NVNT



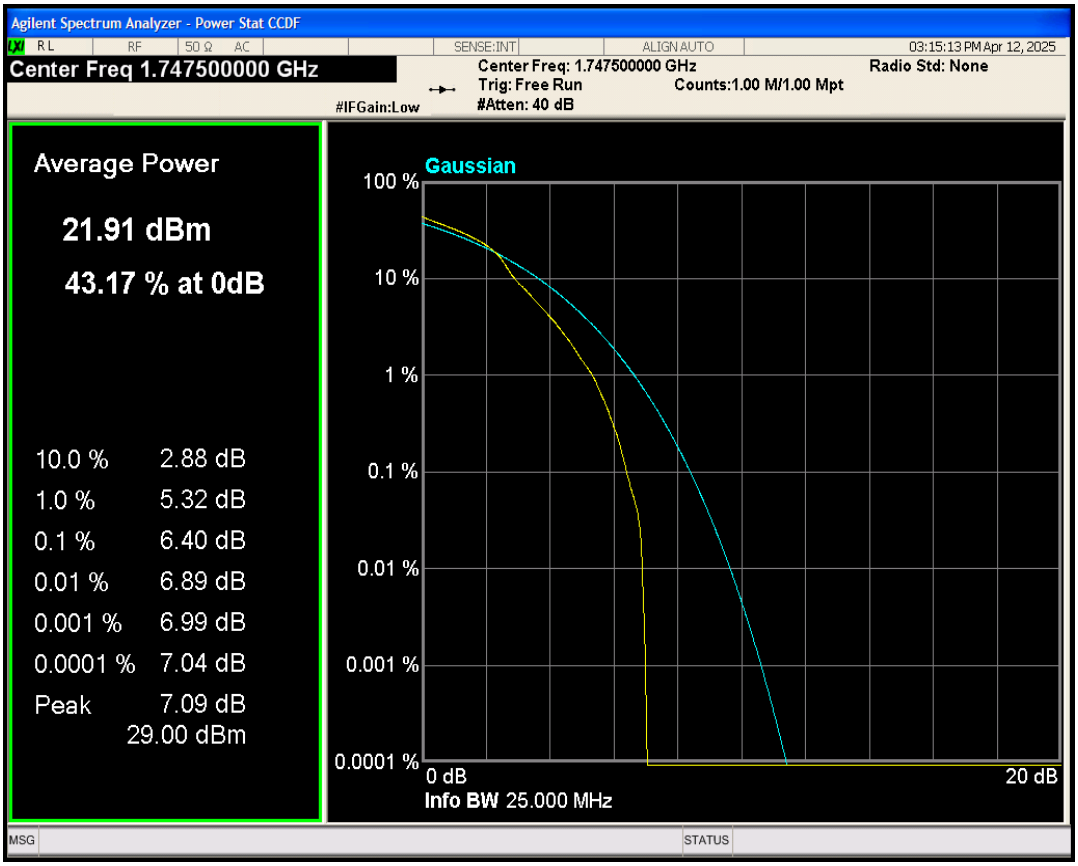
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0 NVNT



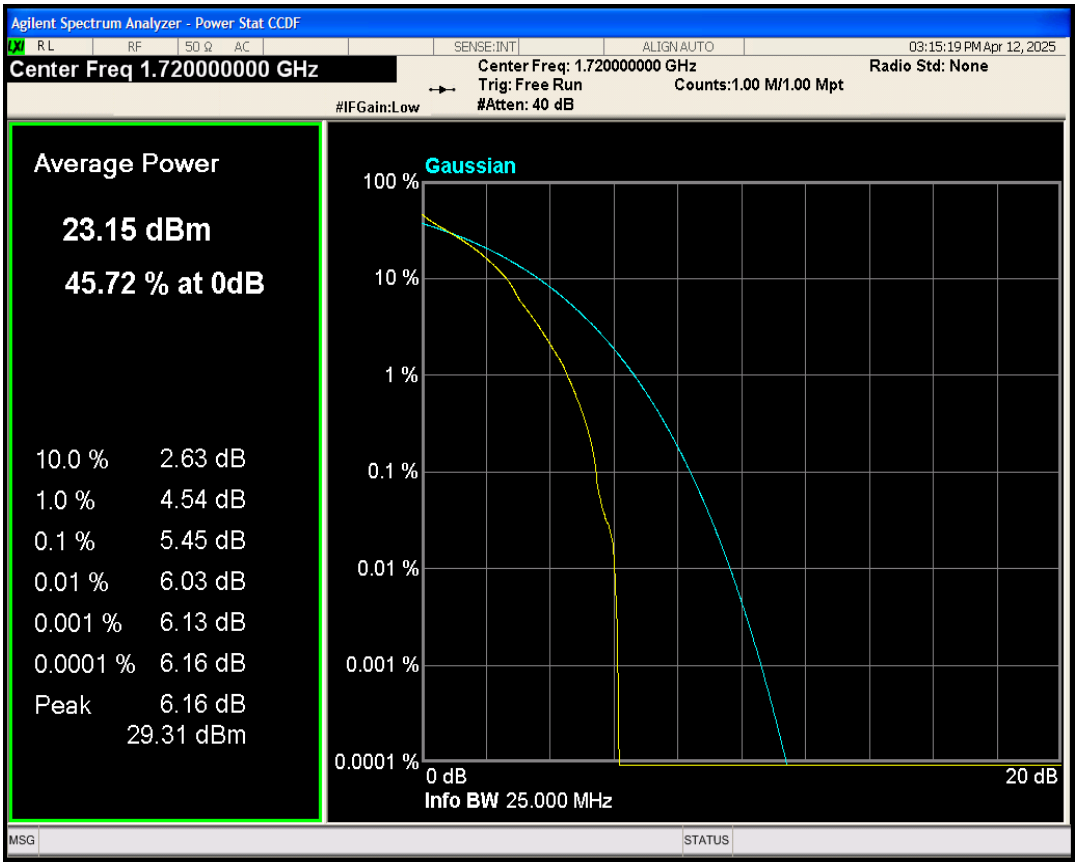
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0 NVNT



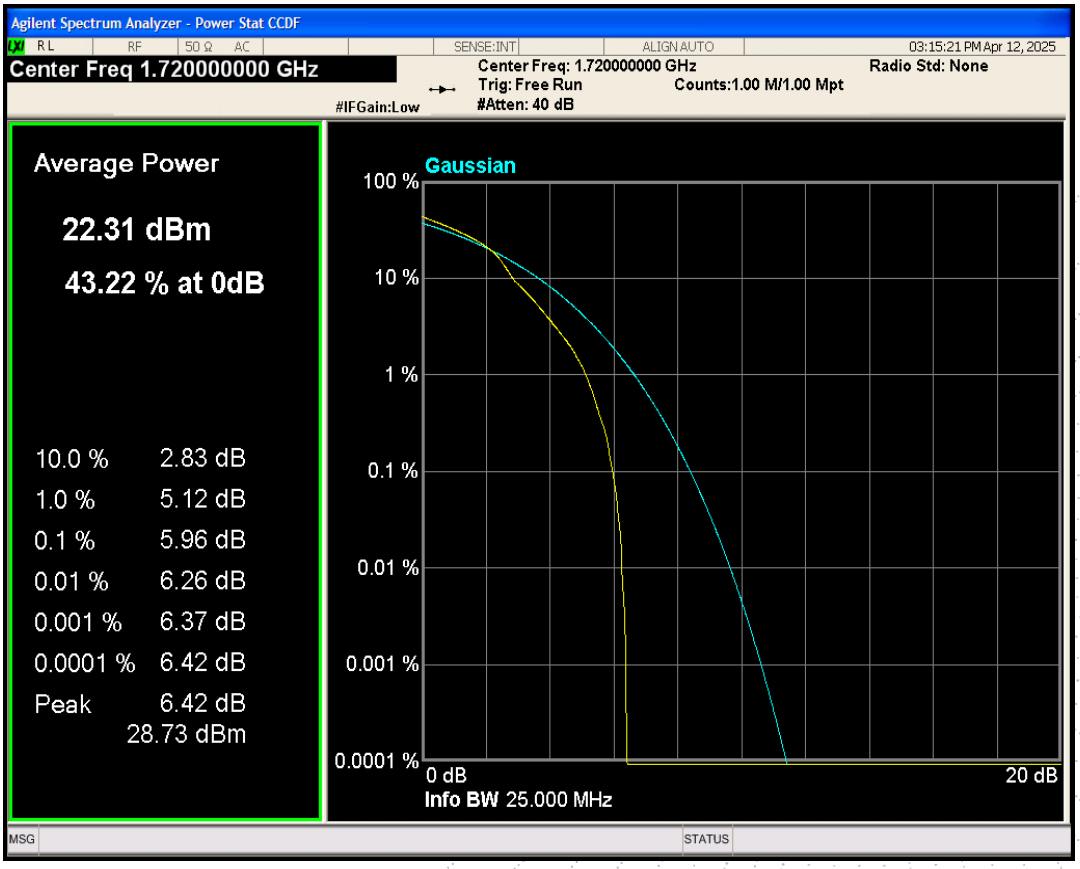
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0 NVNT



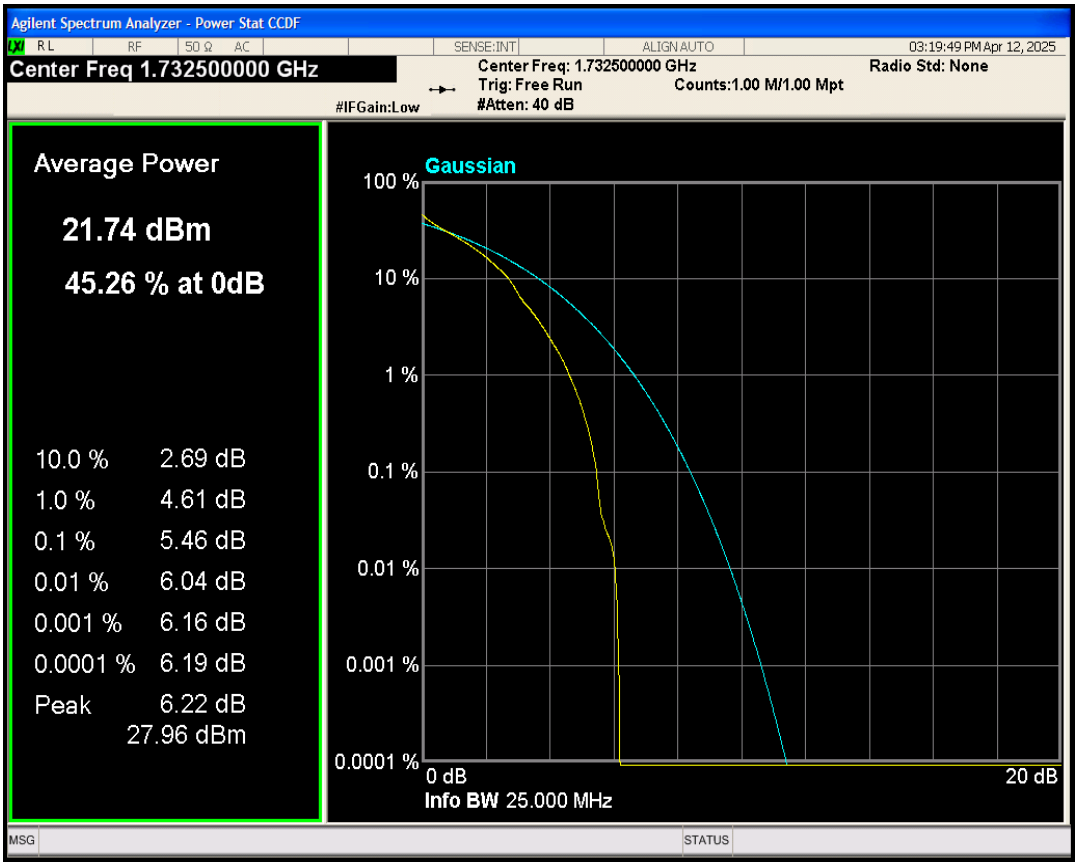
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0 NVNT



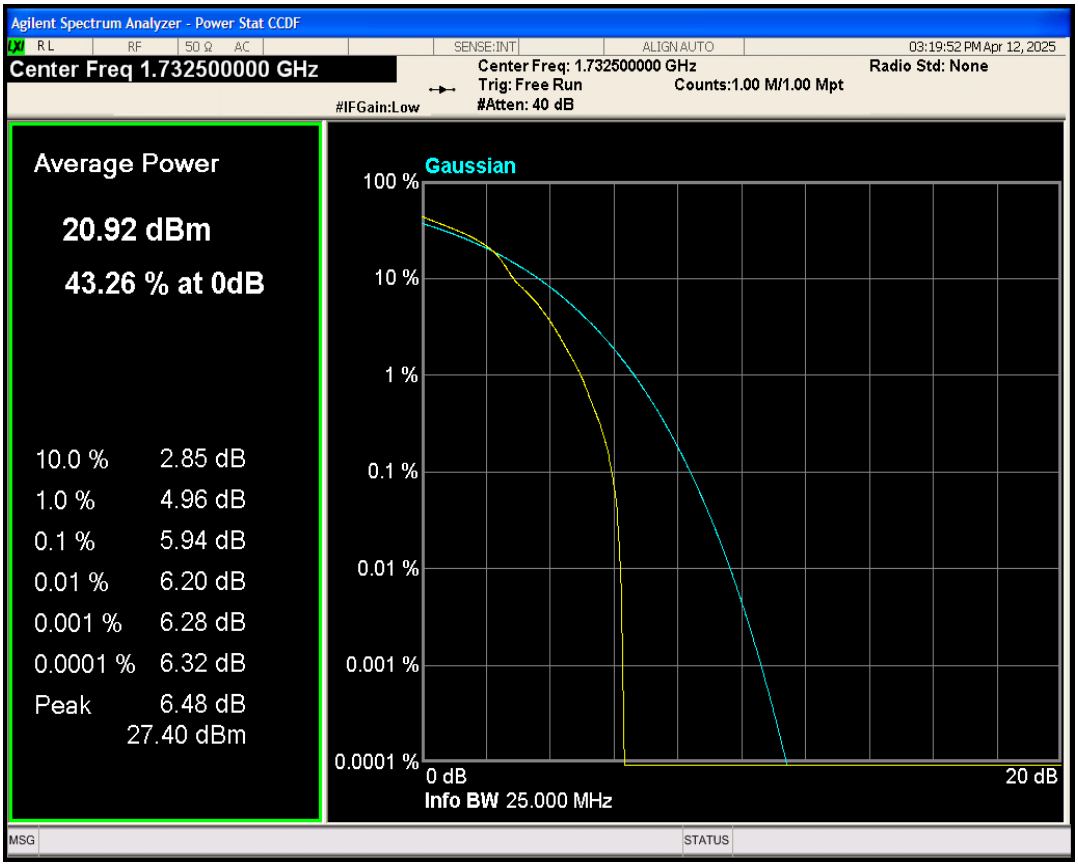
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0 NVNT



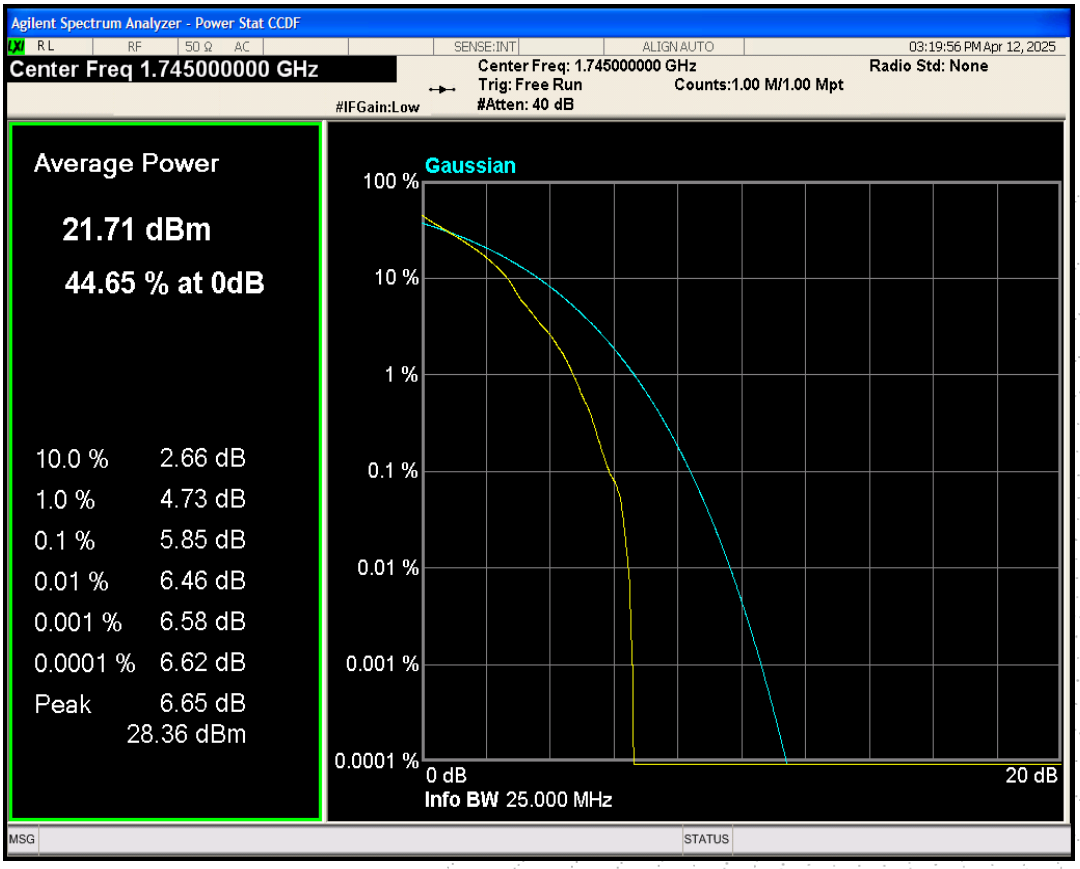
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0 NVNT



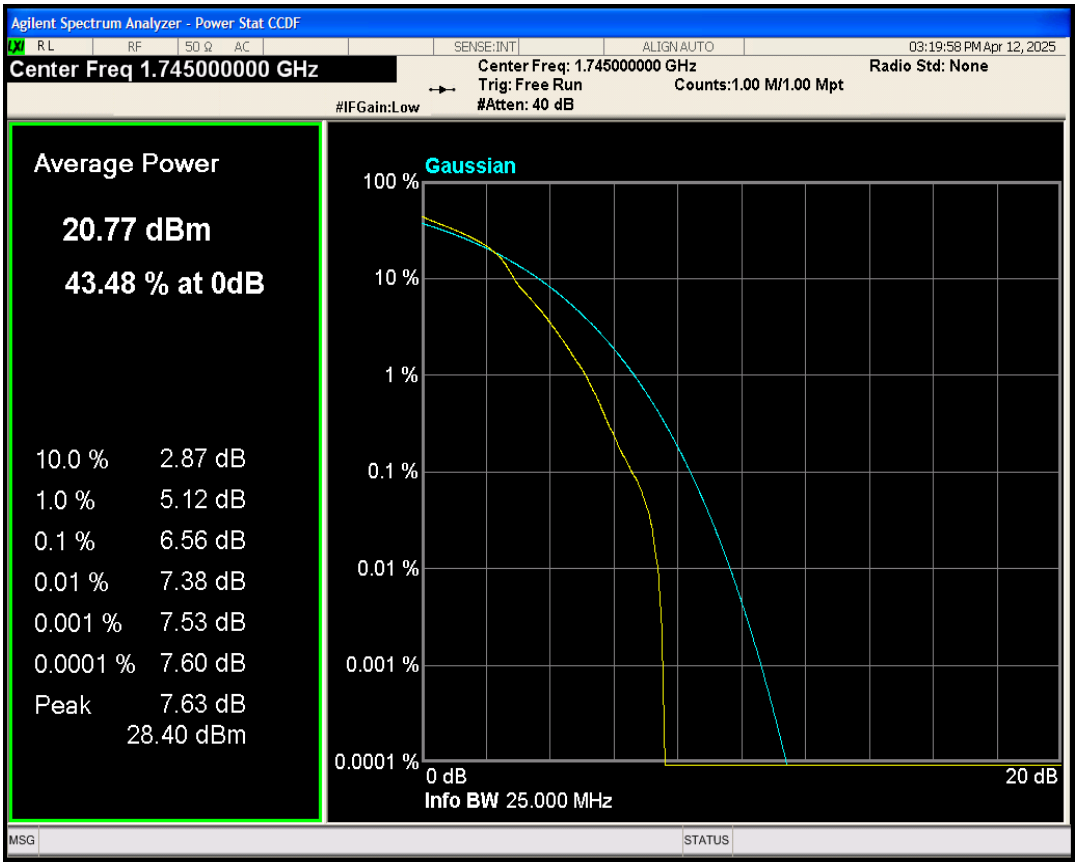
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0 NVNT



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



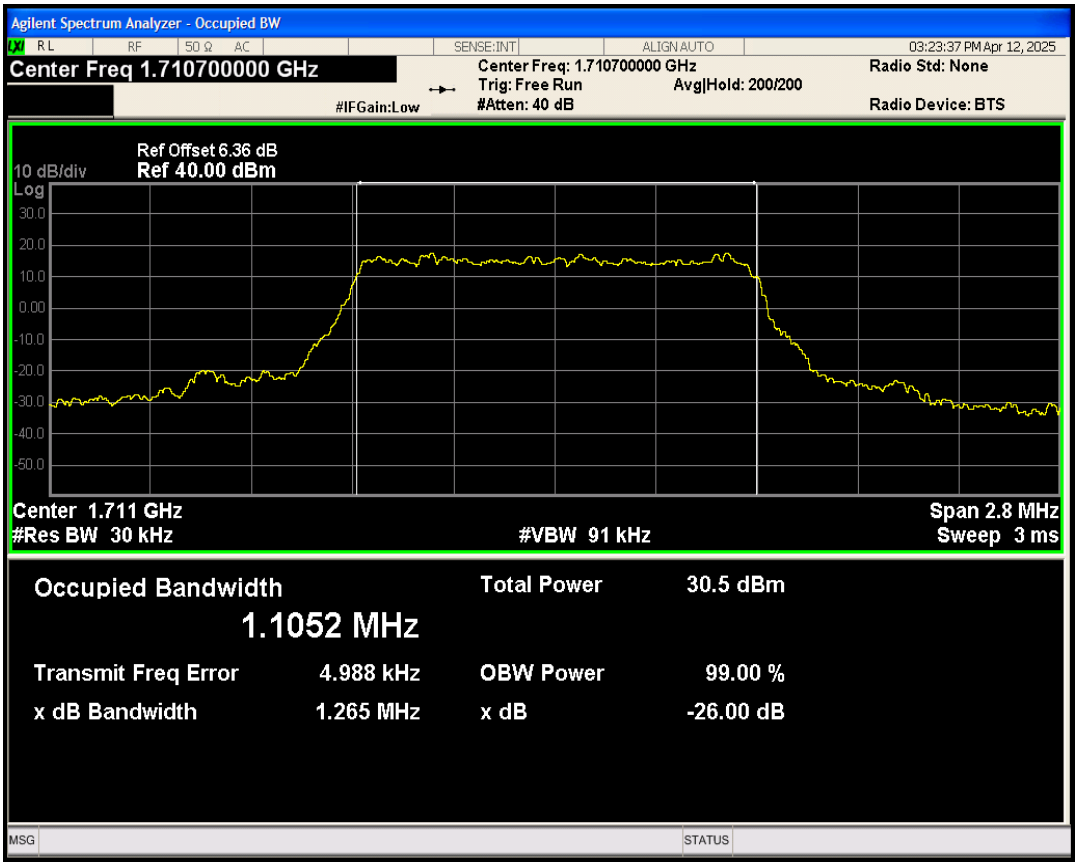
Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0 NVNT



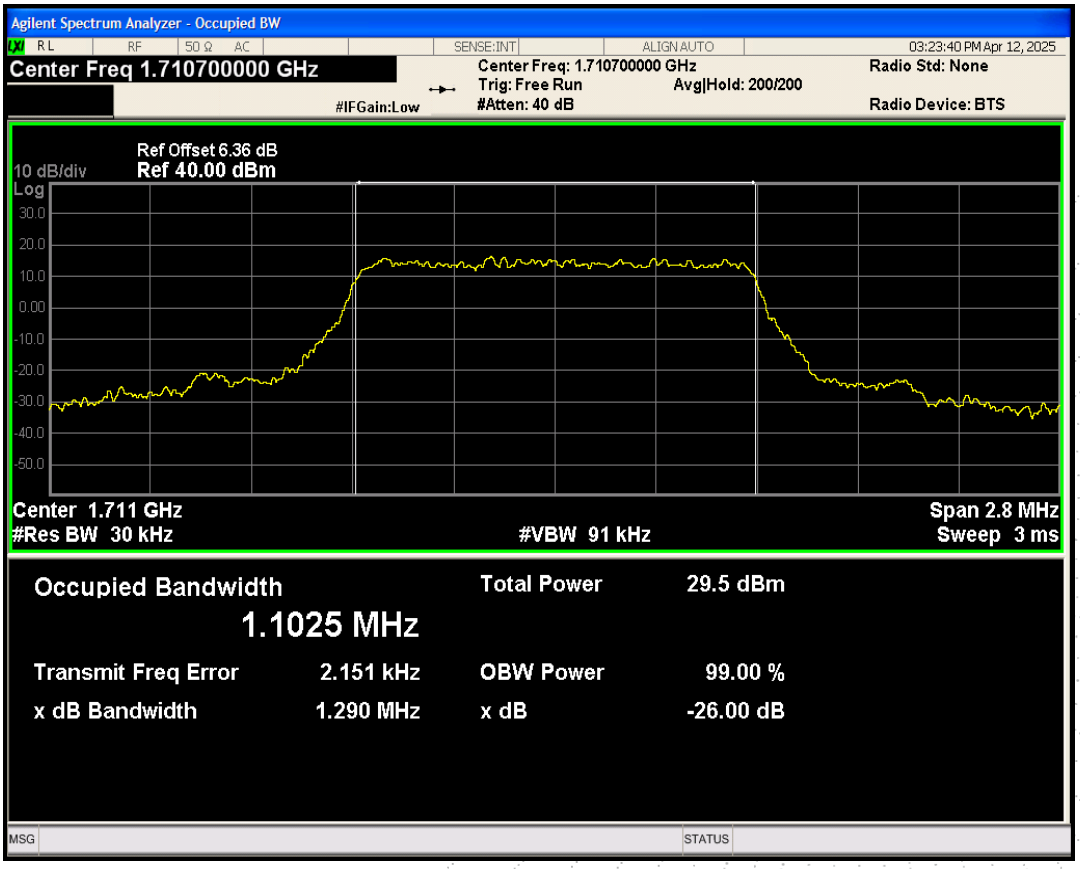
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0 NVNT

Appendix 4.Occupied bandwidth

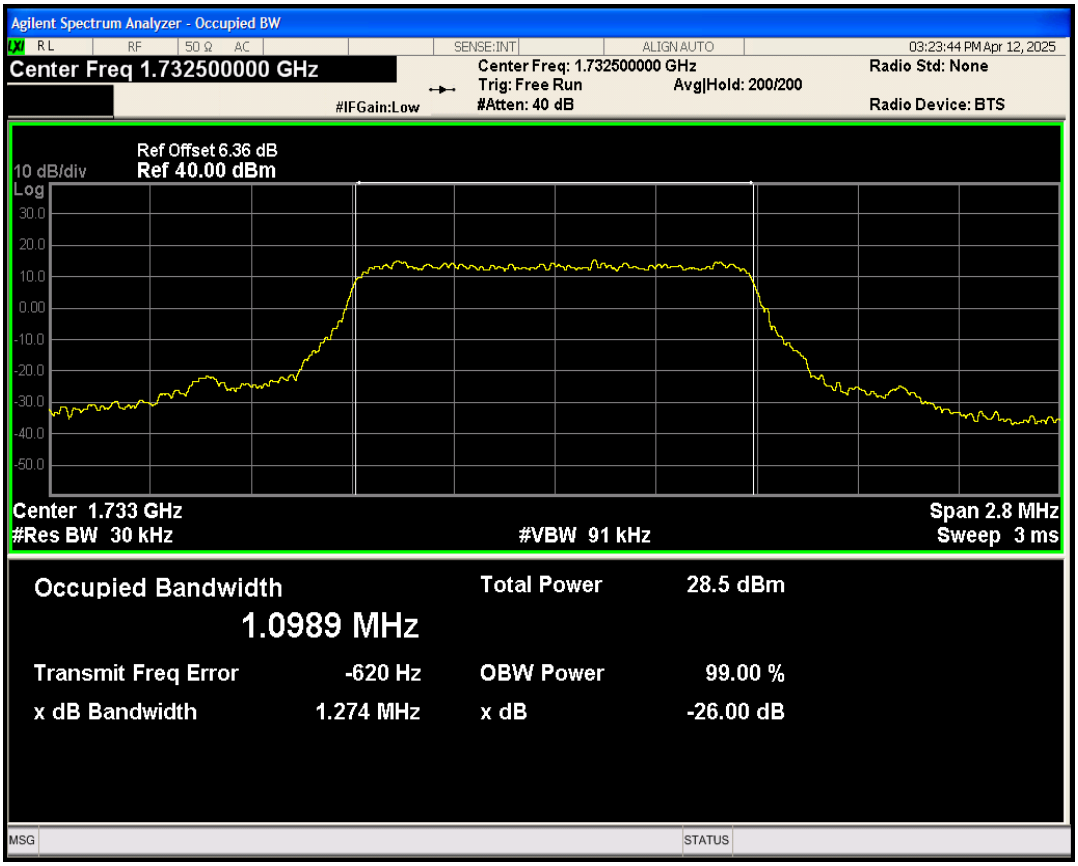
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band4	1.4	19957	6	#0	QPSK	1.105	1.265	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	1.103	1.290	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	1.099	1.274	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	1.098	1.274	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	1.097	1.293	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	1.098	1.269	PASS
NVNT	Band4	3	19965	15	#0	QPSK	2.694	2.973	PASS
NVNT	Band4	3	19965	15	#0	16QAM	2.694	2.959	PASS
NVNT	Band4	3	20175	15	#0	QPSK	2.695	3.014	PASS
NVNT	Band4	3	20175	15	#0	16QAM	2.701	3.006	PASS
NVNT	Band4	3	20385	15	#0	QPSK	2.713	2.972	PASS
NVNT	Band4	3	20385	15	#0	16QAM	2.708	3.003	PASS
NVNT	Band4	5	19975	25	#0	QPSK	4.514	5.012	PASS
NVNT	Band4	5	19975	25	#0	16QAM	4.500	4.952	PASS
NVNT	Band4	5	20175	25	#0	QPSK	4.510	4.970	PASS
NVNT	Band4	5	20175	25	#0	16QAM	4.514	5.021	PASS
NVNT	Band4	5	20375	25	#0	QPSK	4.510	4.959	PASS
NVNT	Band4	5	20375	25	#0	16QAM	4.513	4.985	PASS
NVNT	Band4	10	20000	50	#0	QPSK	8.975	9.824	PASS
NVNT	Band4	10	20000	50	#0	16QAM	8.997	9.825	PASS
NVNT	Band4	10	20175	50	#0	QPSK	8.988	9.814	PASS
NVNT	Band4	10	20175	50	#0	16QAM	9.008	9.760	PASS
NVNT	Band4	10	20350	50	#0	QPSK	9.016	9.933	PASS
NVNT	Band4	10	20350	50	#0	16QAM	9.006	9.851	PASS
NVNT	Band4	15	20025	75	#0	QPSK	13.447	14.574	PASS
NVNT	Band4	15	20025	75	#0	16QAM	13.446	14.584	PASS
NVNT	Band4	15	20175	75	#0	QPSK	13.468	14.621	PASS
NVNT	Band4	15	20175	75	#0	16QAM	13.485	14.640	PASS
NVNT	Band4	15	20325	75	#0	QPSK	13.454	14.646	PASS
NVNT	Band4	15	20325	75	#0	16QAM	13.426	14.507	PASS
NVNT	Band4	20	20050	100	#0	QPSK	17.958	19.312	PASS
NVNT	Band4	20	20050	100	#0	16QAM	18.023	19.449	PASS
NVNT	Band4	20	20175	100	#0	QPSK	18.017	19.522	PASS
NVNT	Band4	20	20175	100	#0	16QAM	18.014	19.456	PASS
NVNT	Band4	20	20300	100	#0	QPSK	17.872	19.181	PASS
NVNT	Band4	20	20300	100	#0	16QAM	17.904	19.292	PASS



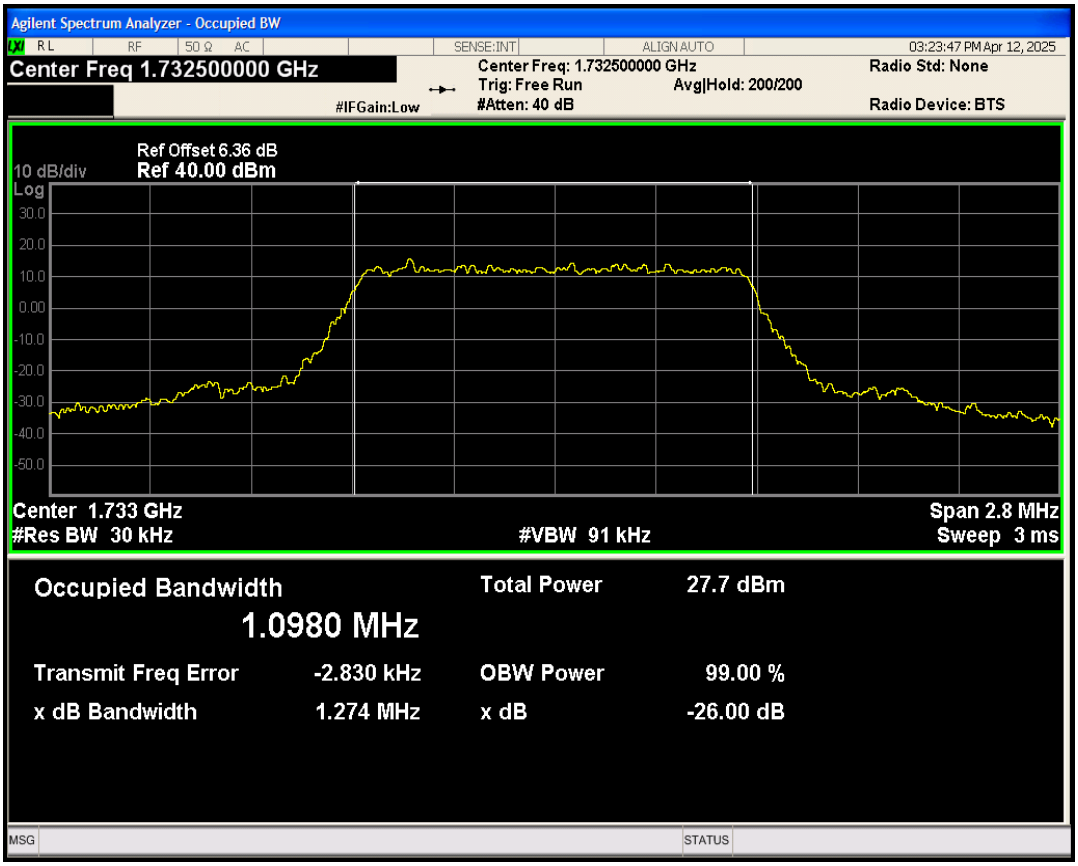
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT



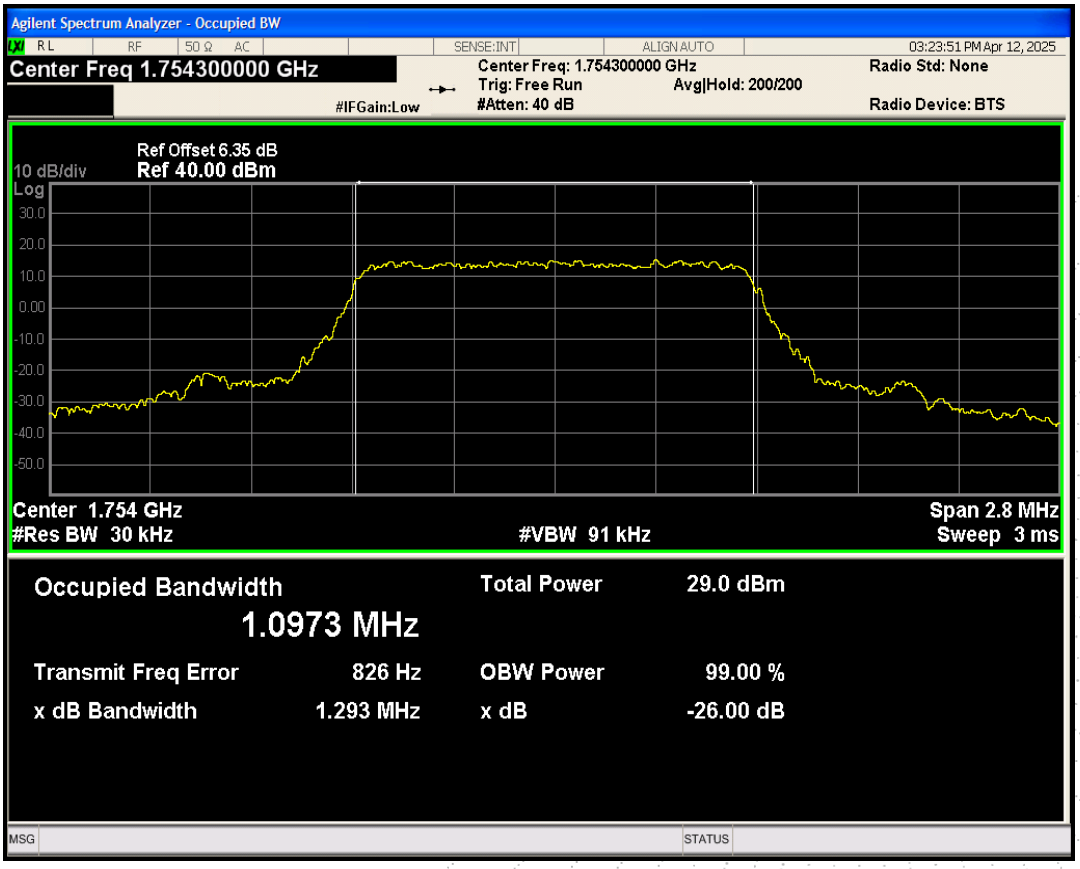
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT



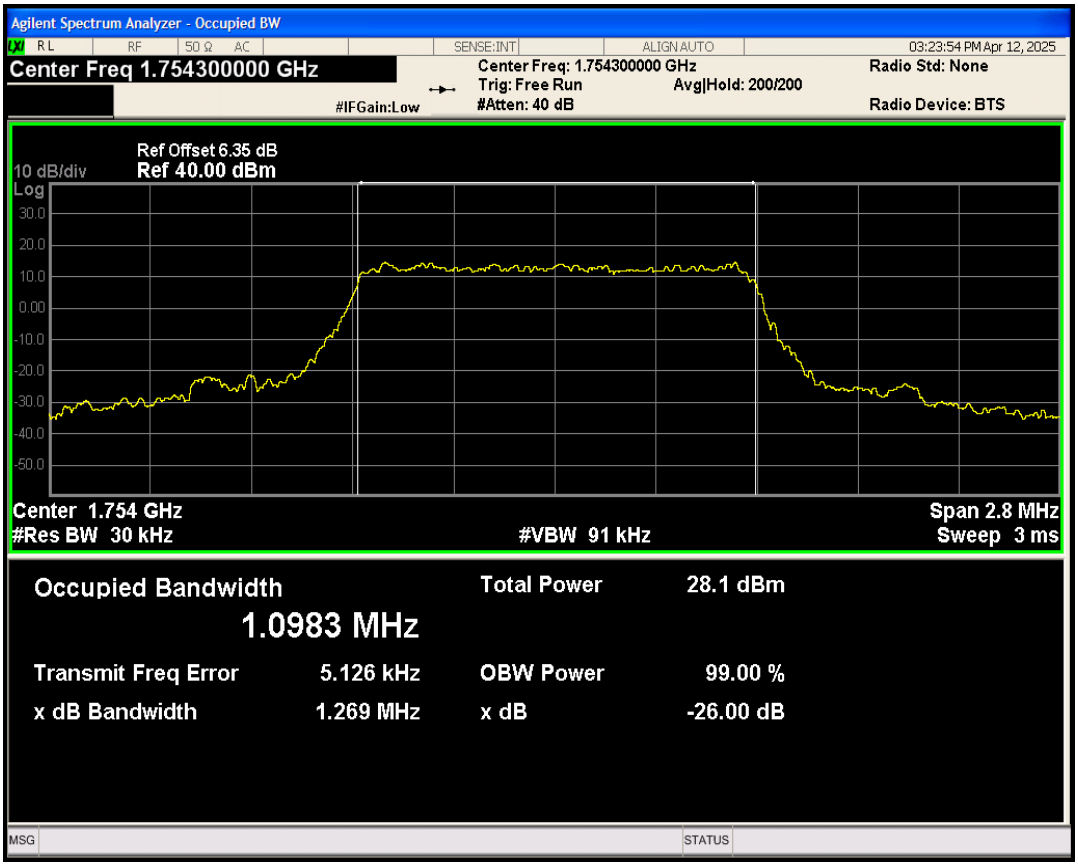
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT



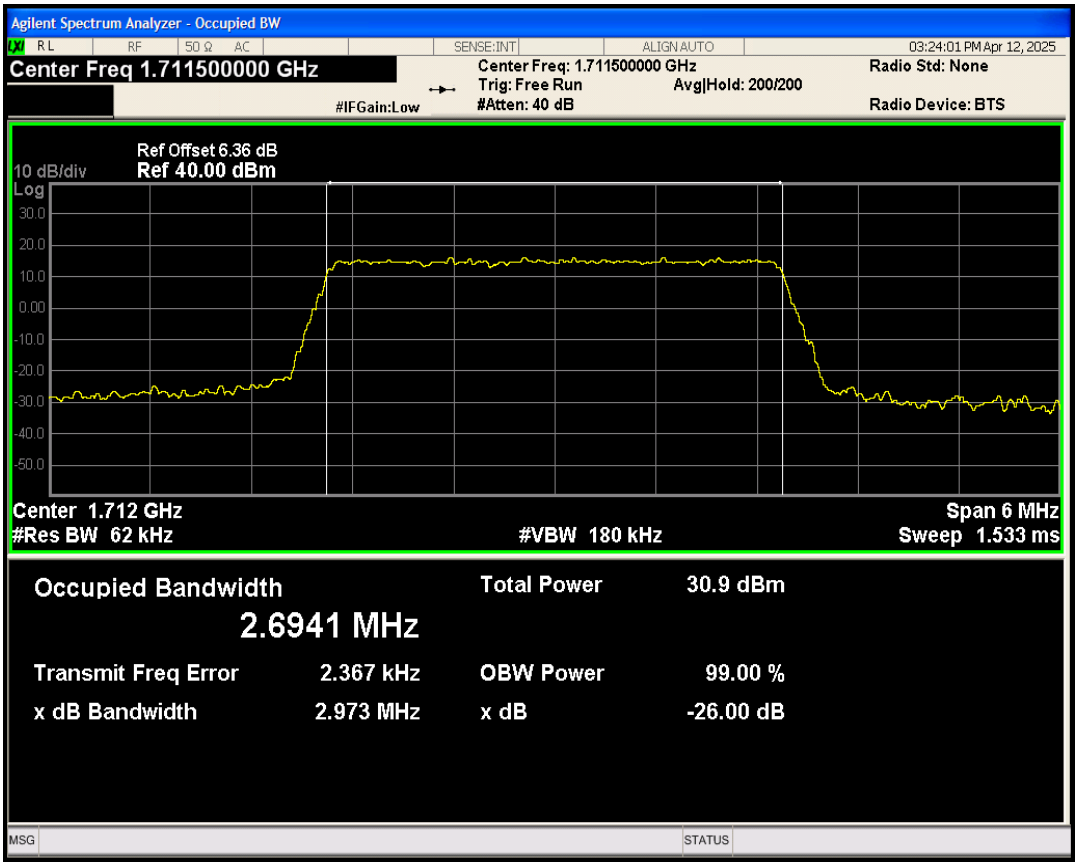
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT



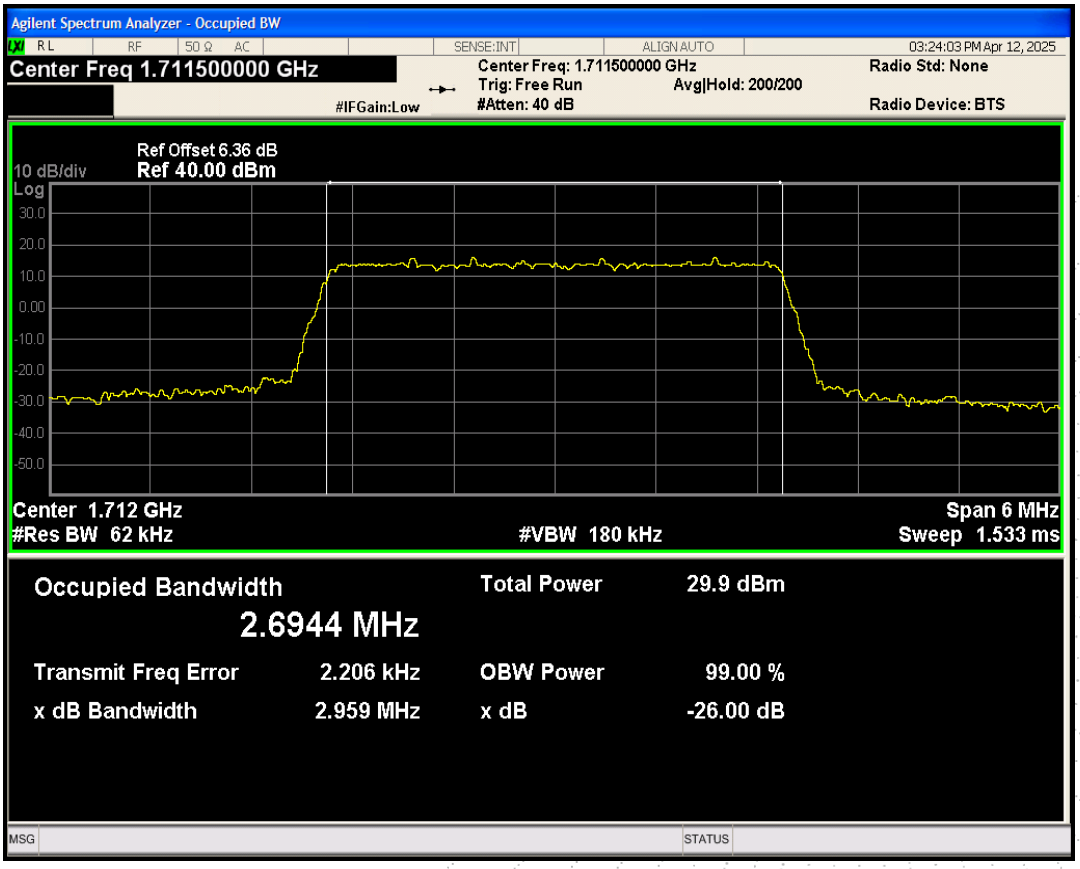
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



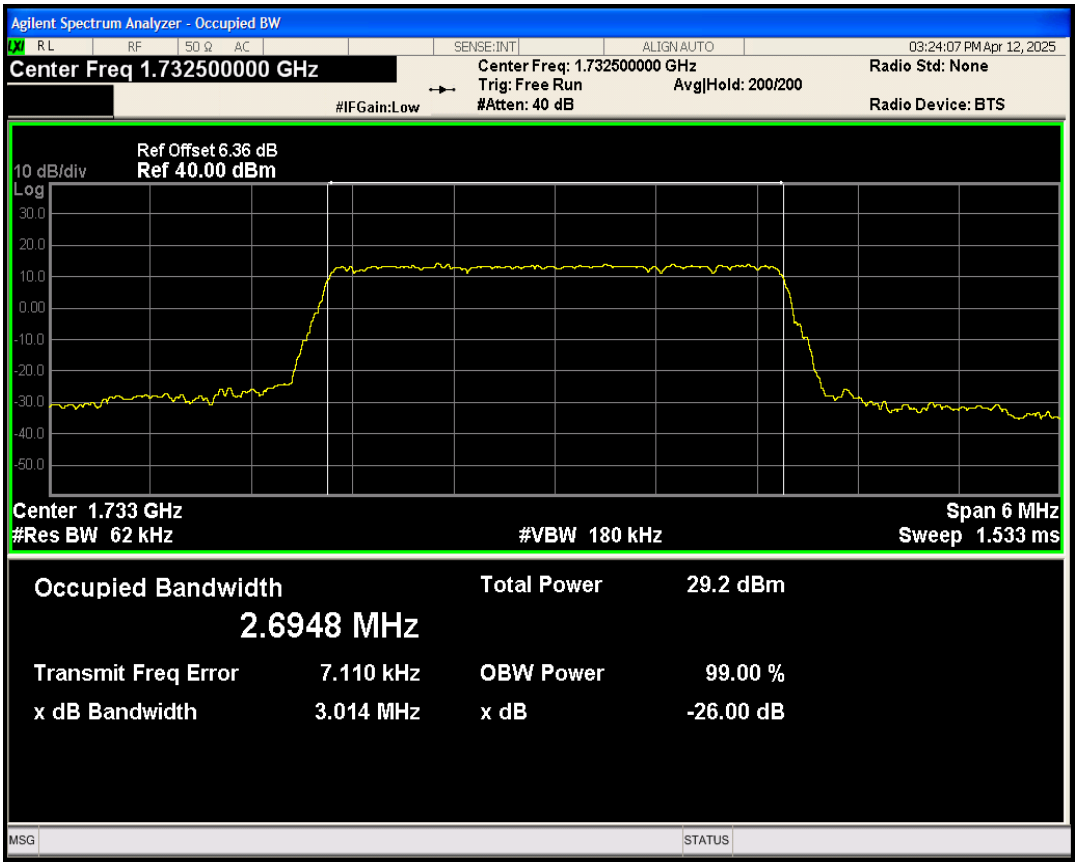
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



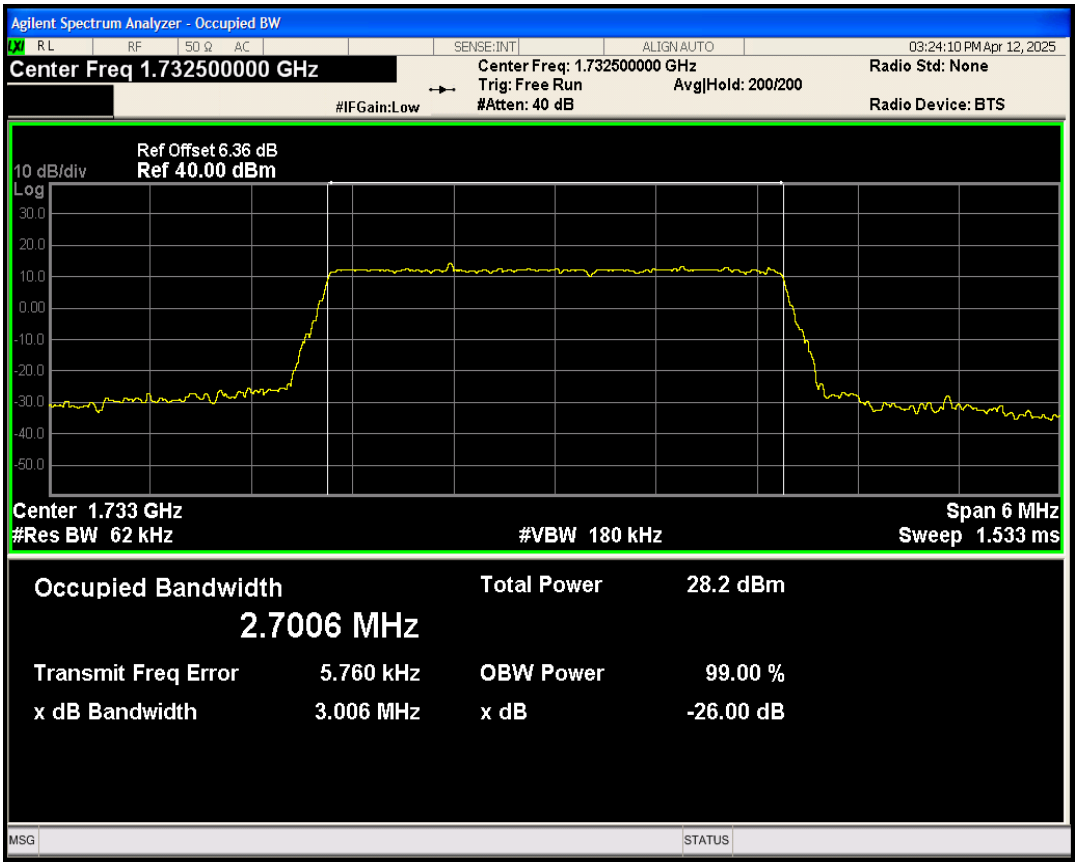
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



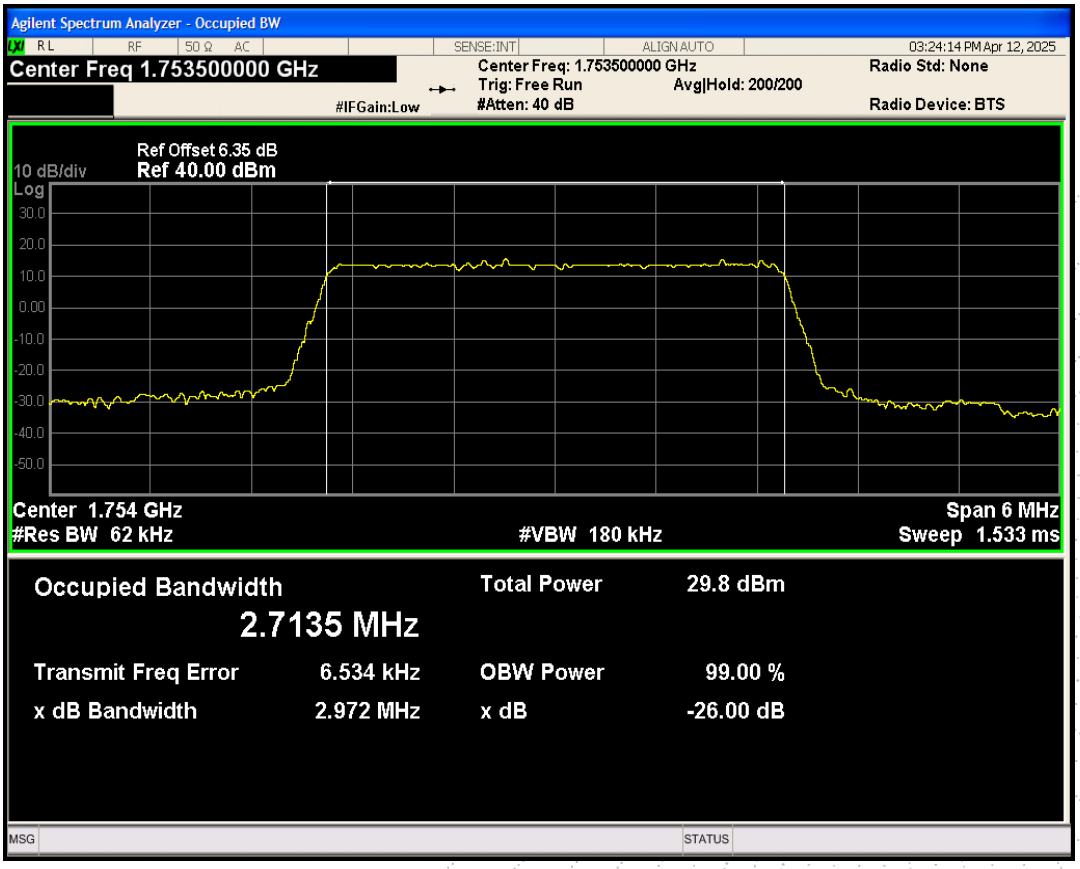
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



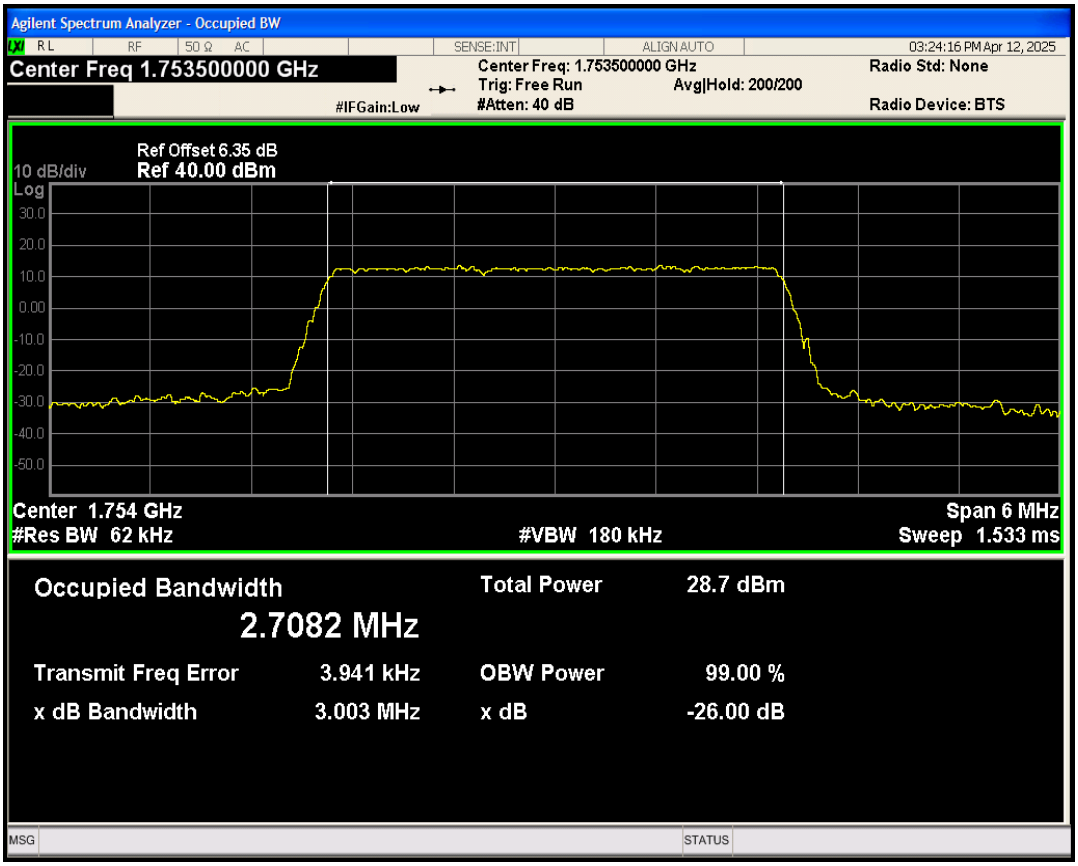
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT



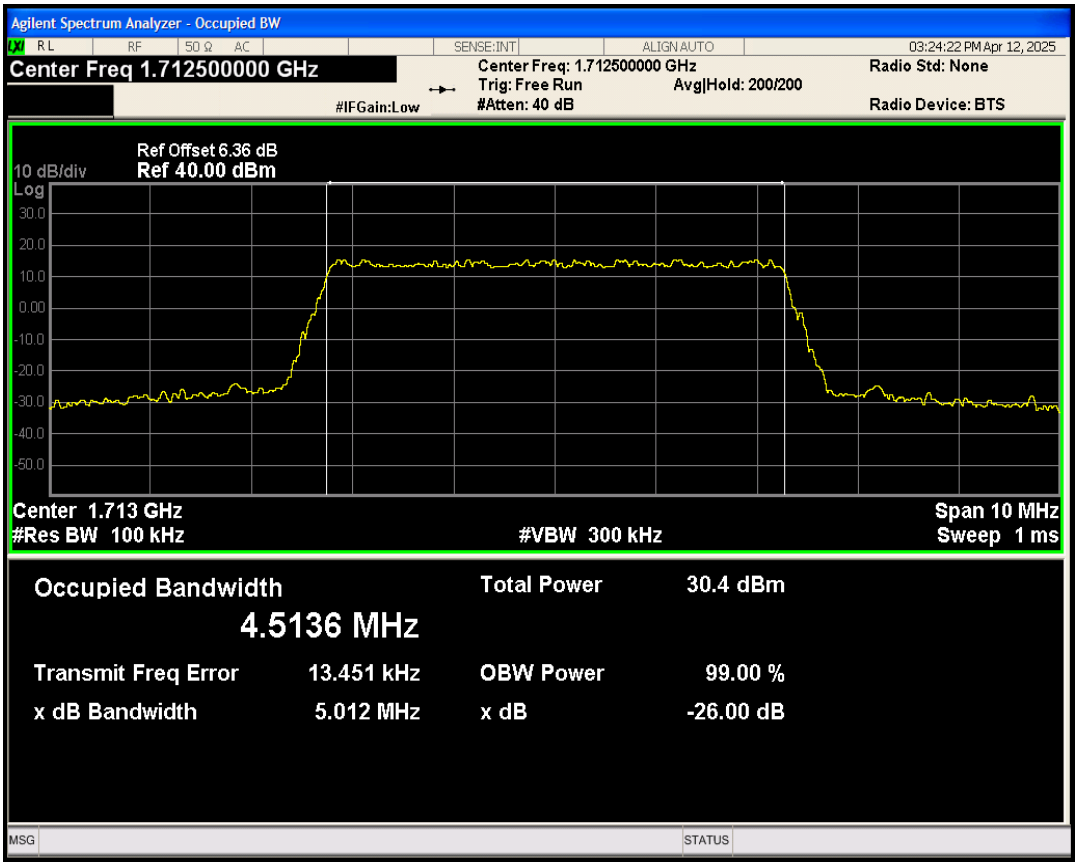
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT



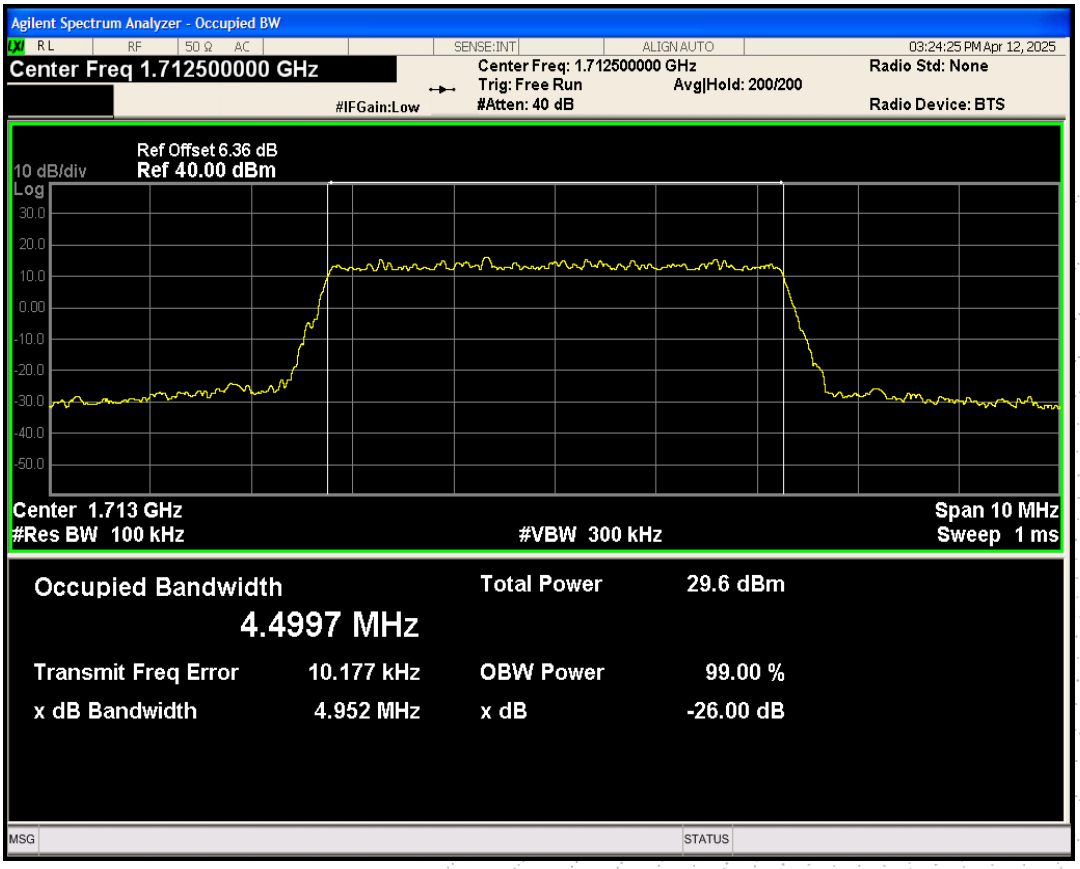
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



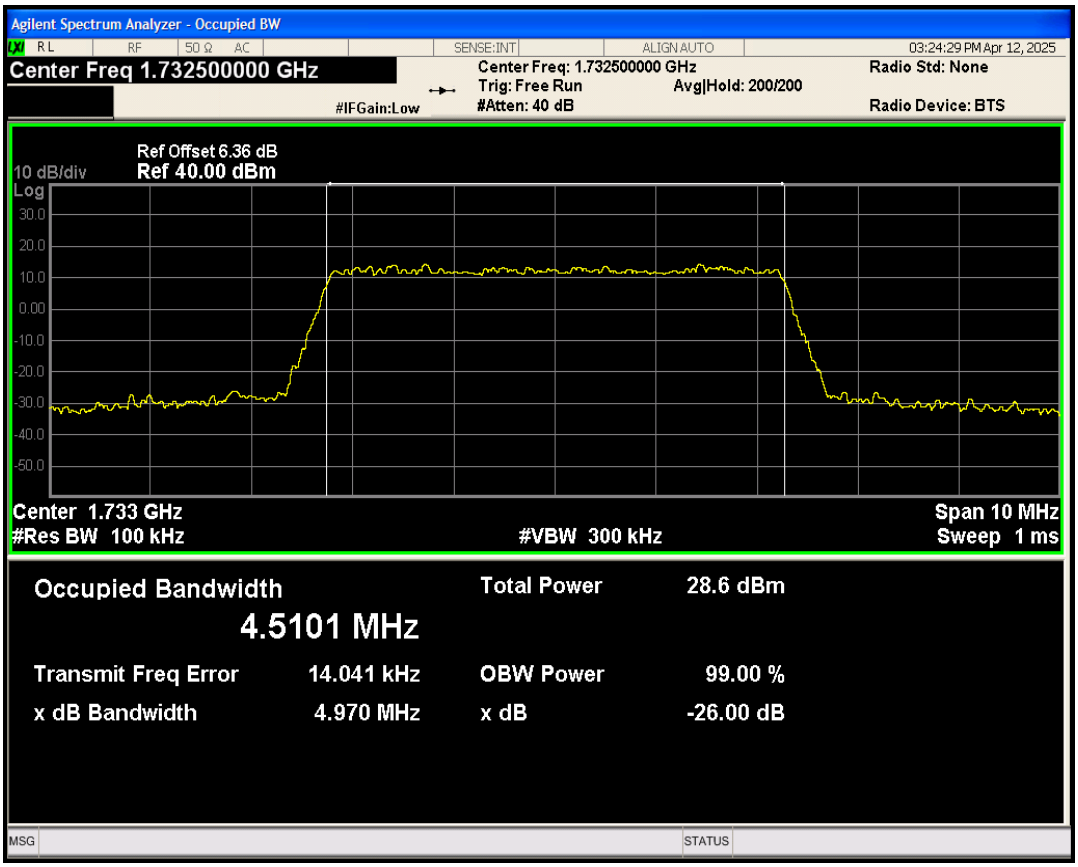
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



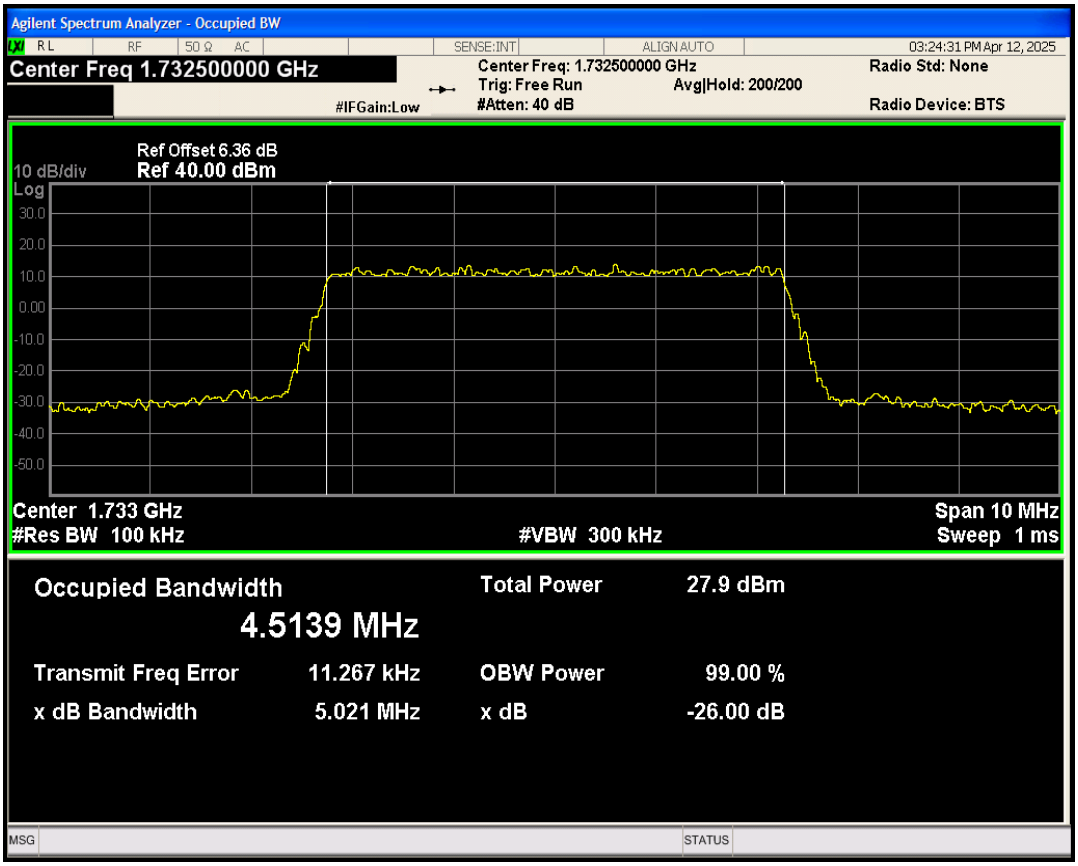
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



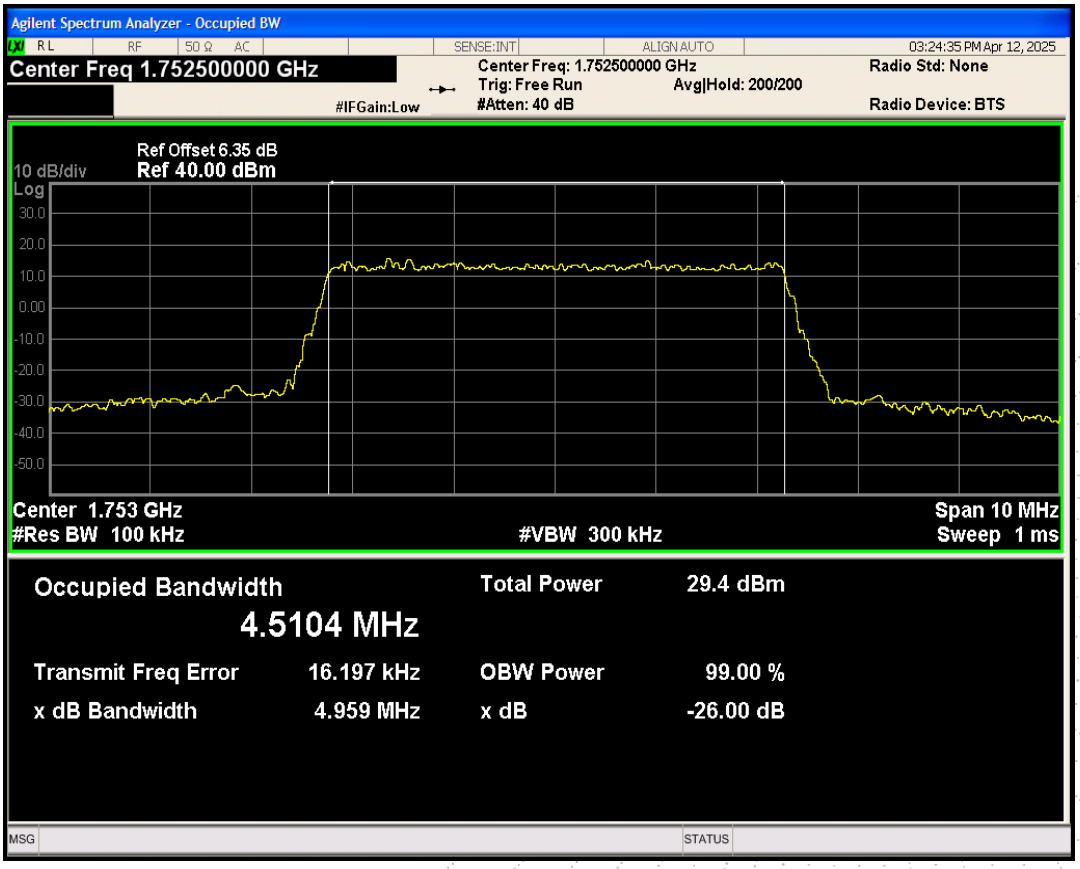
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



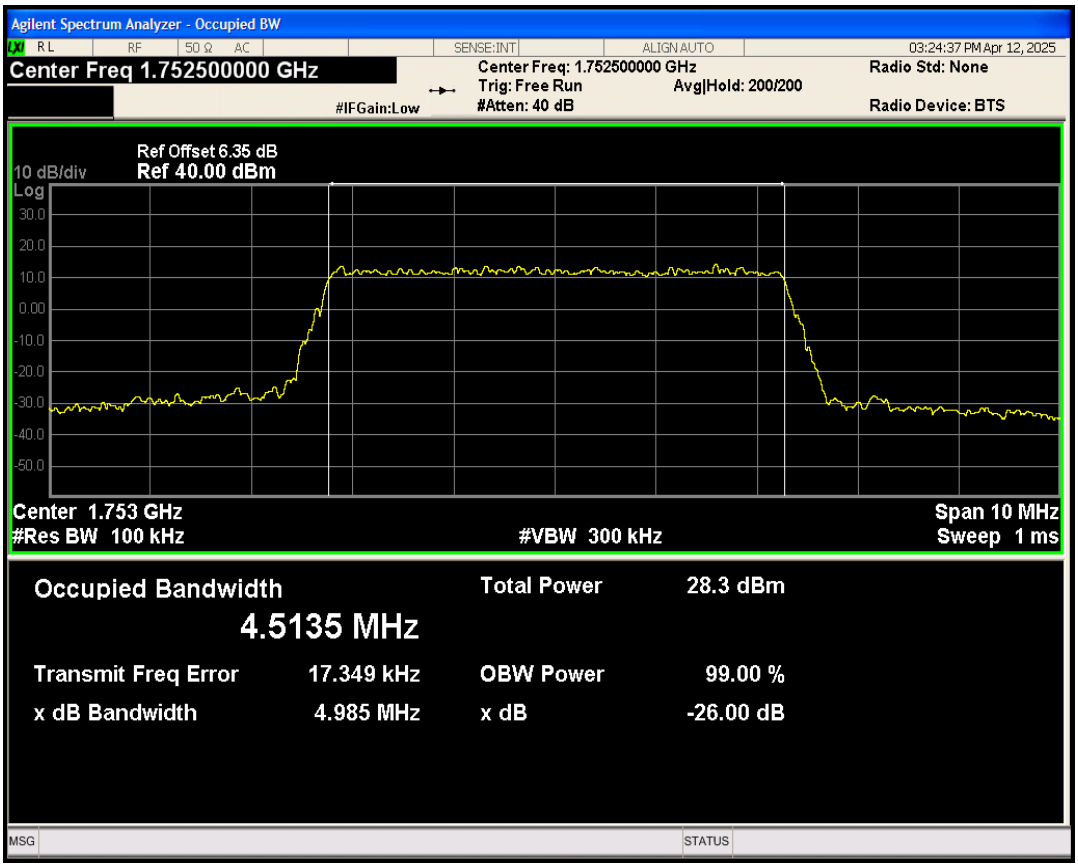
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT



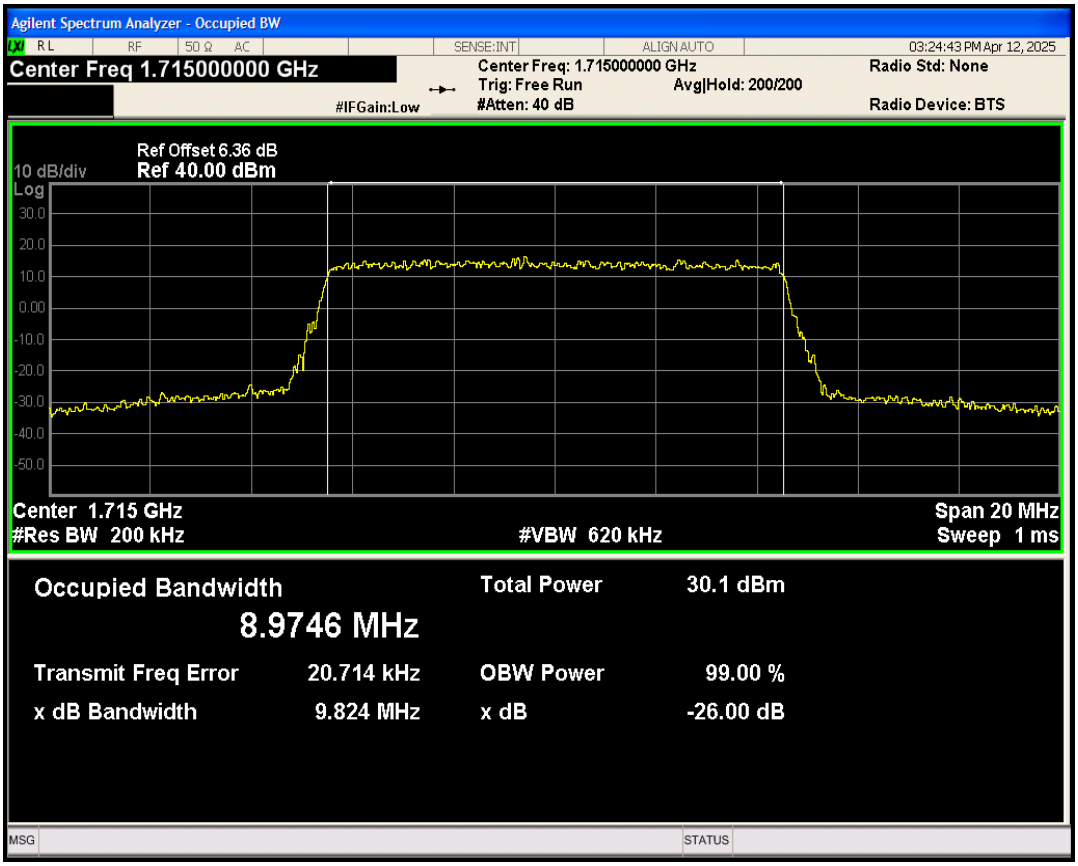
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT



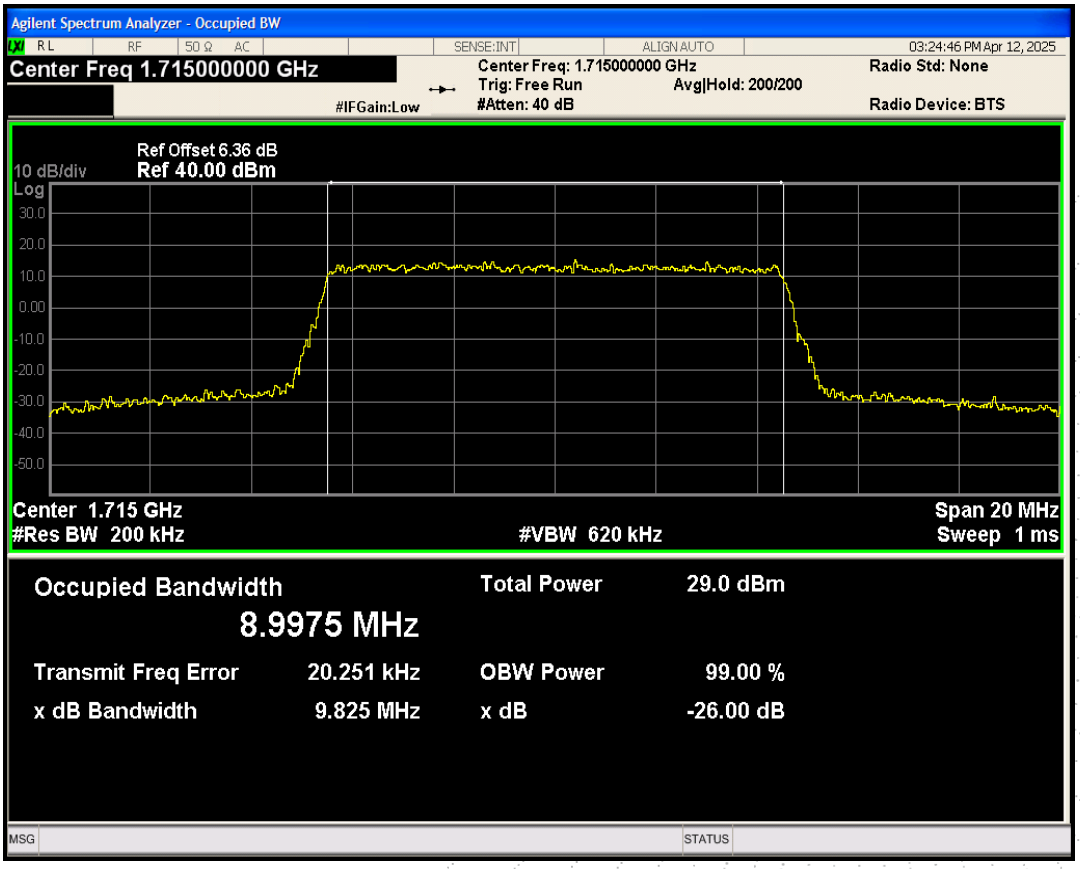
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



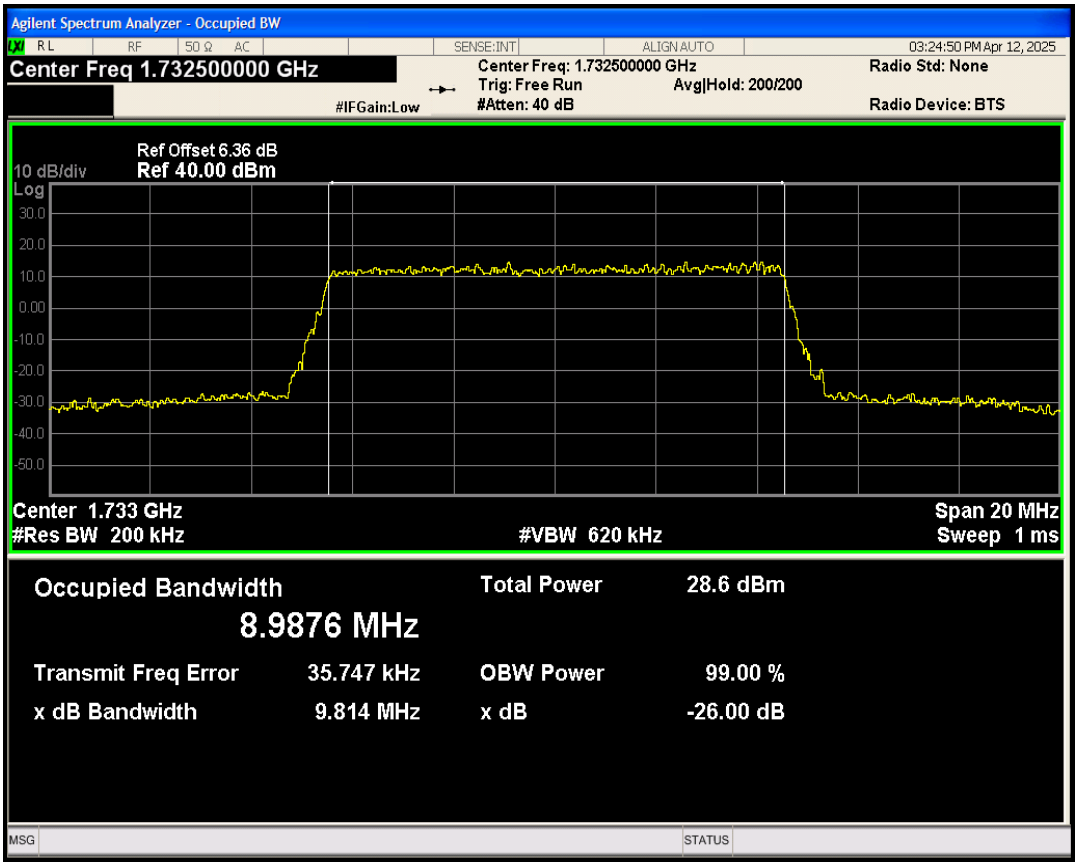
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



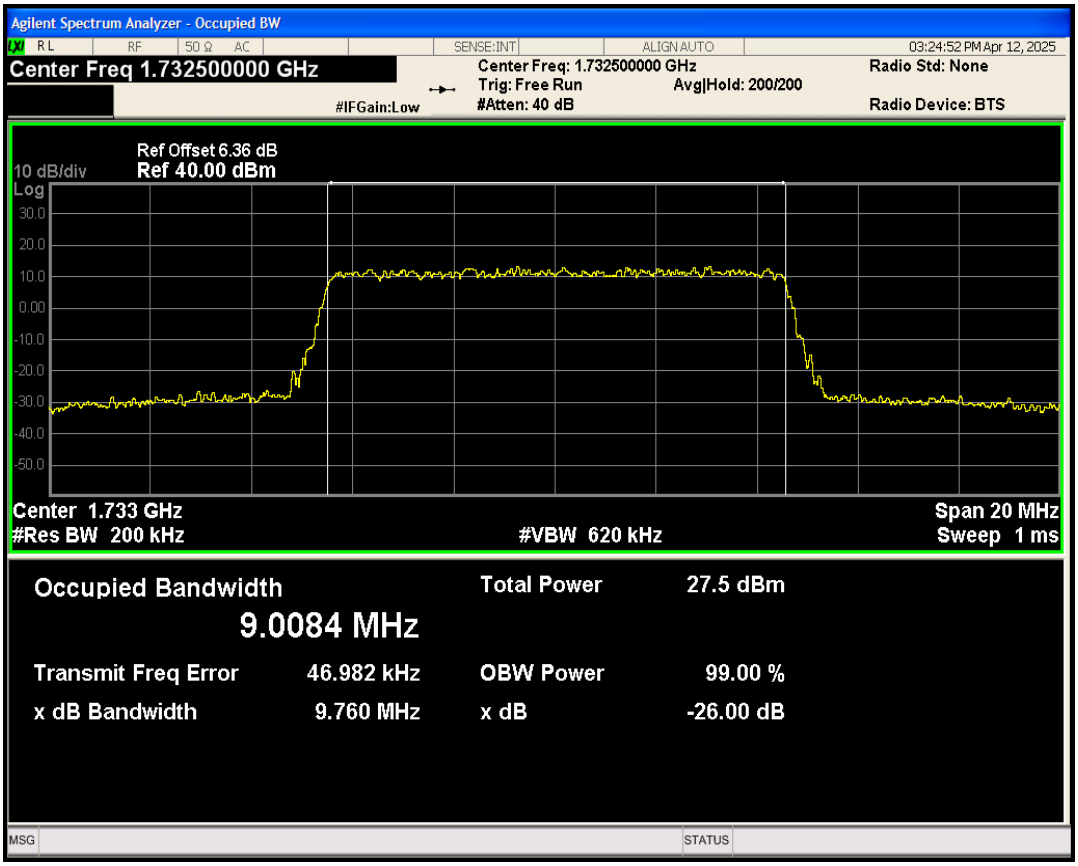
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT



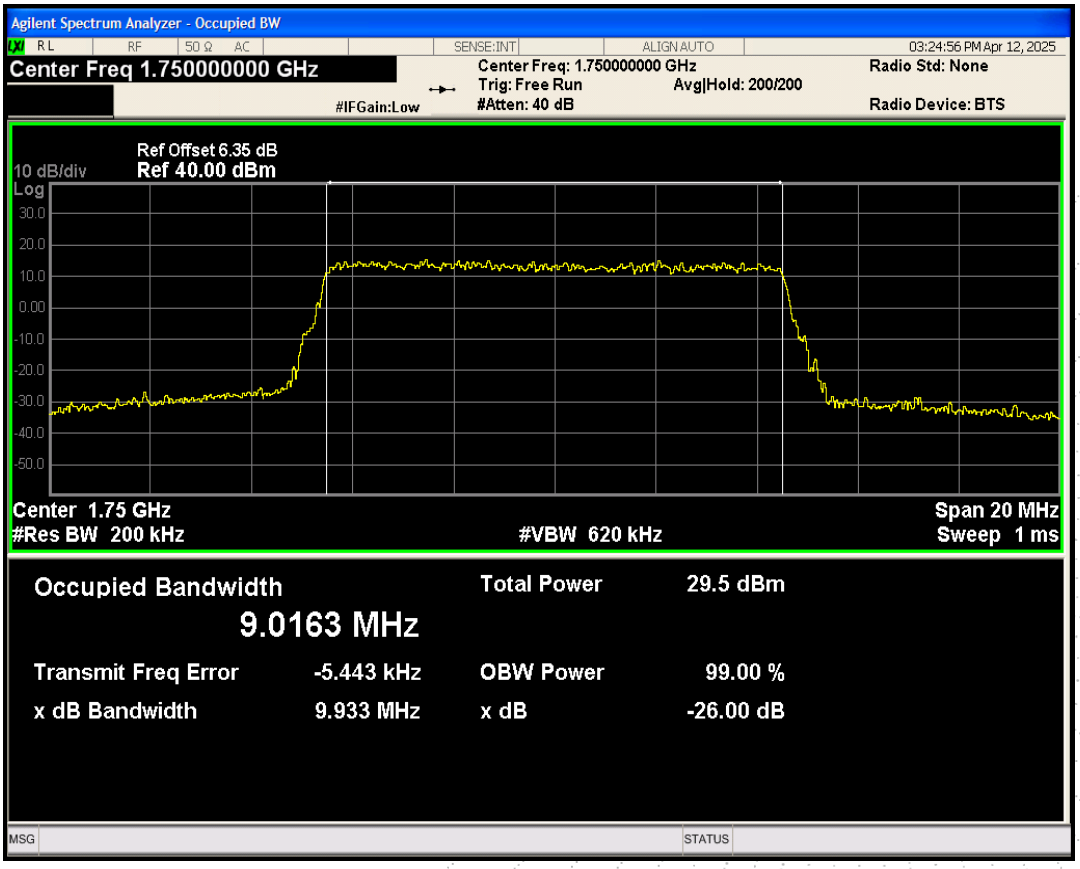
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT



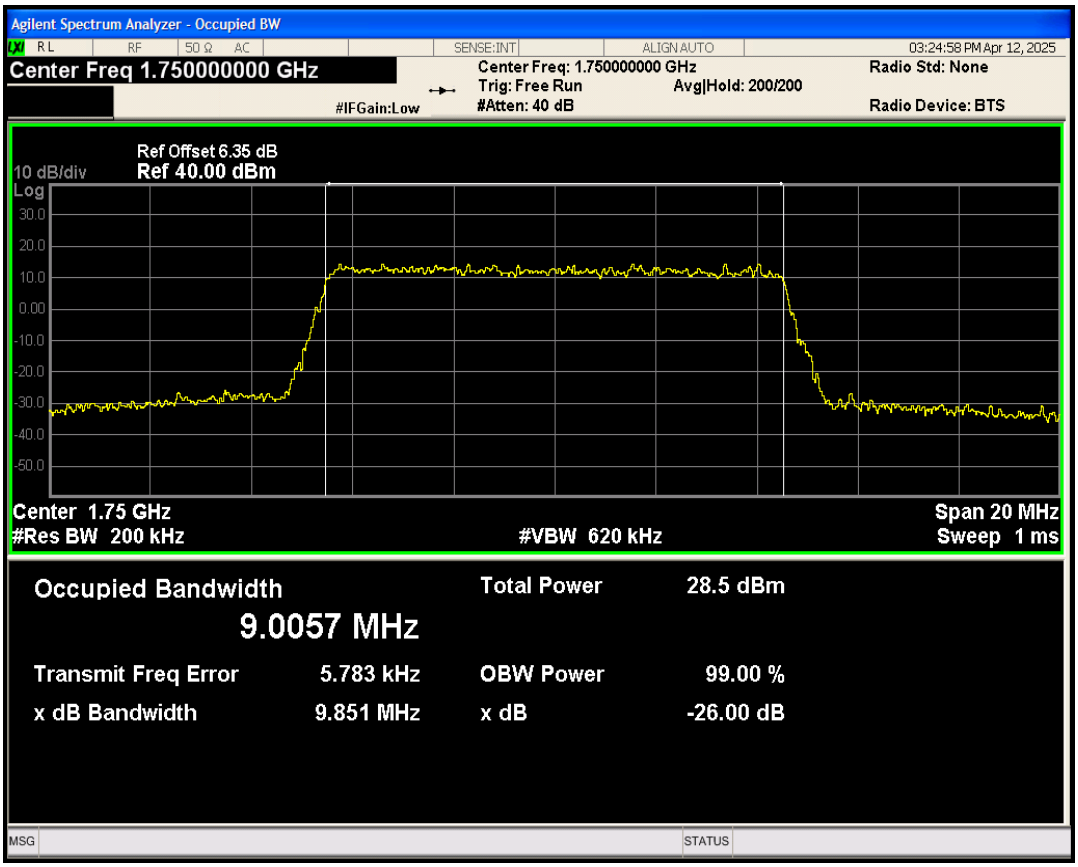
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT



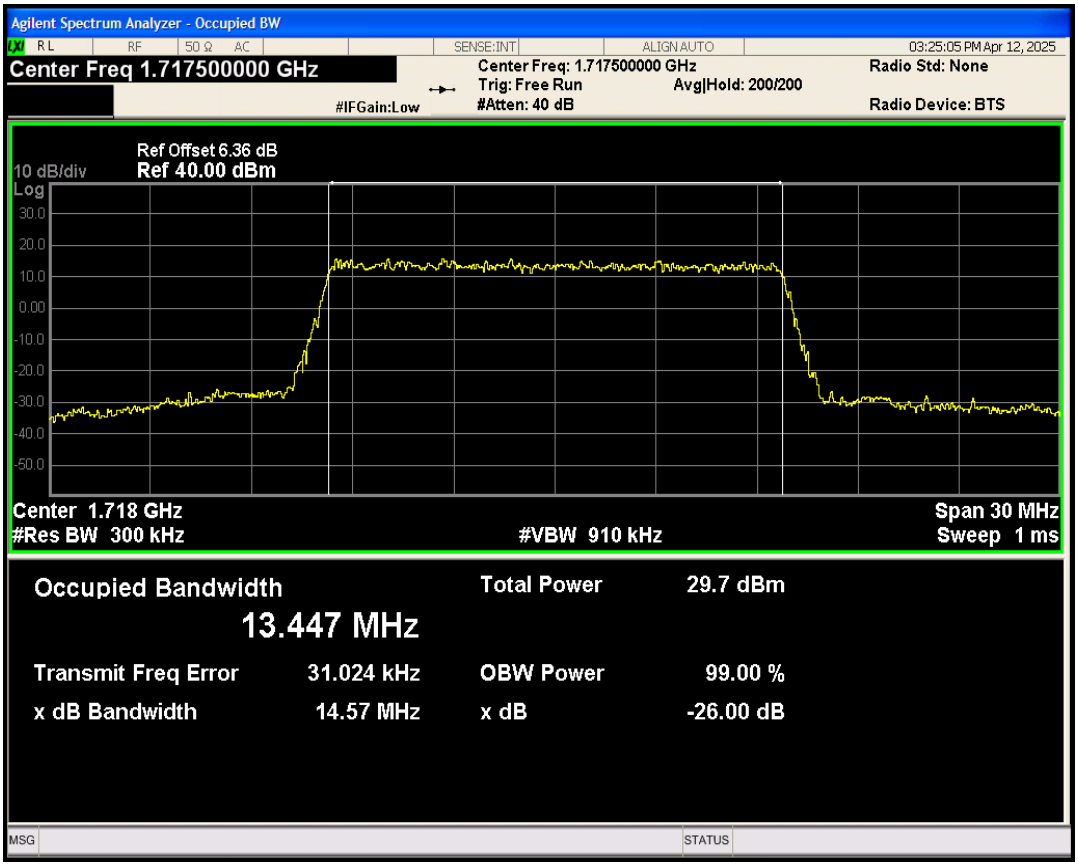
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT



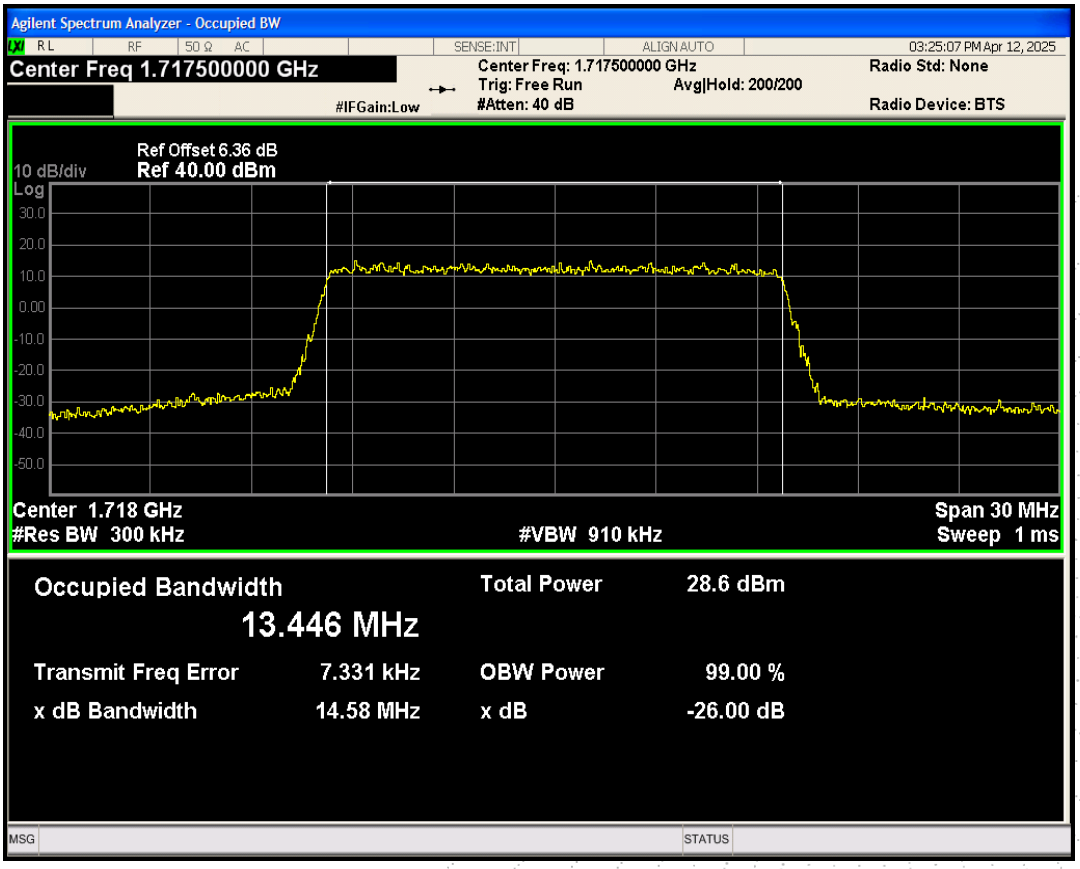
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



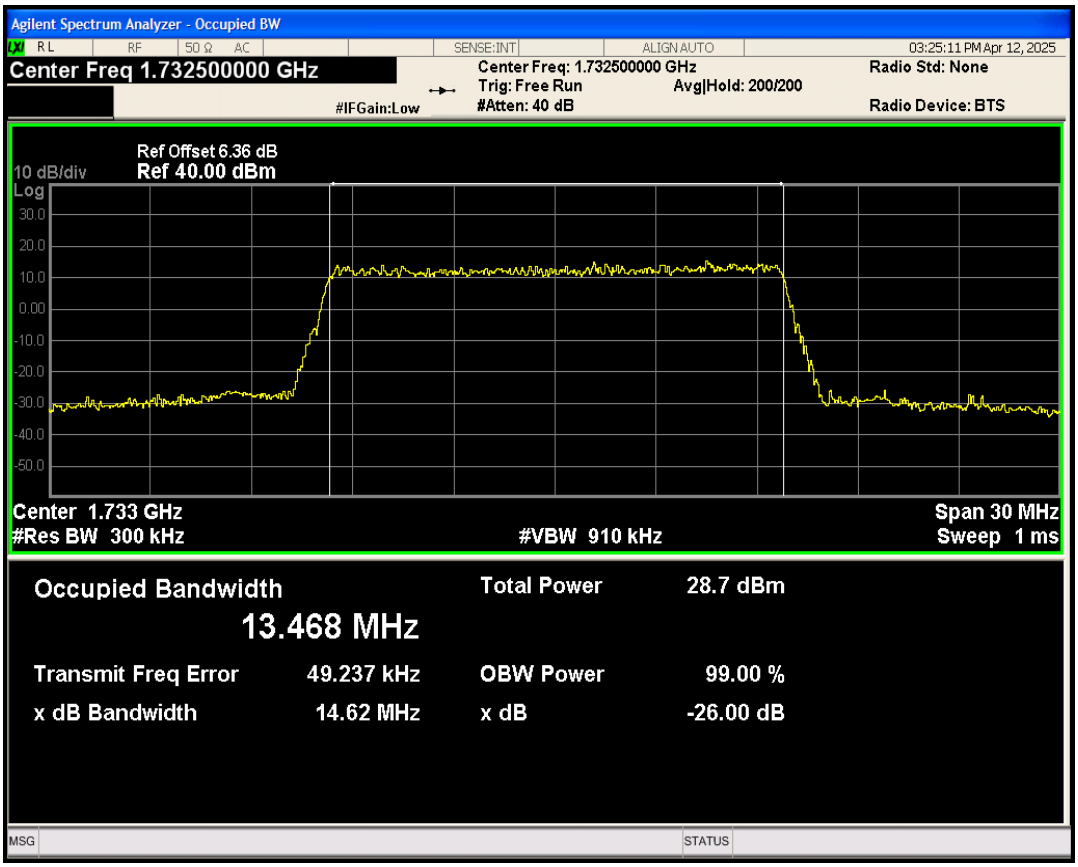
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



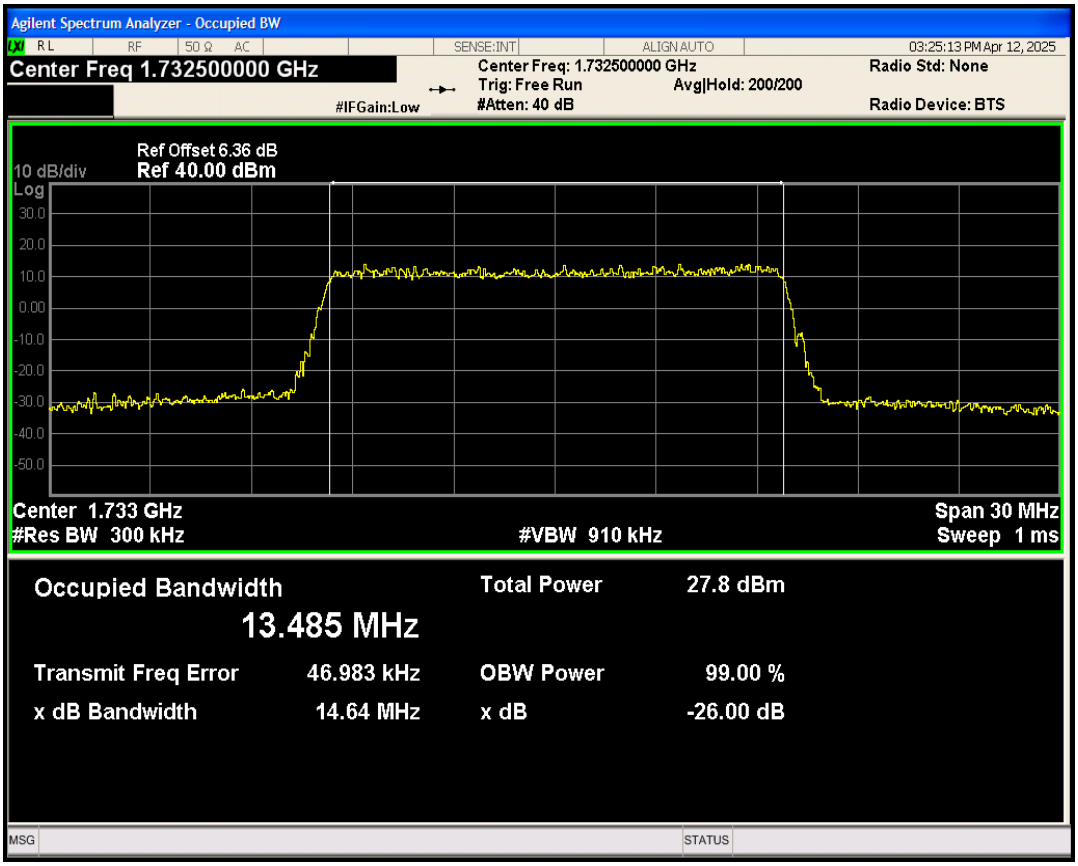
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



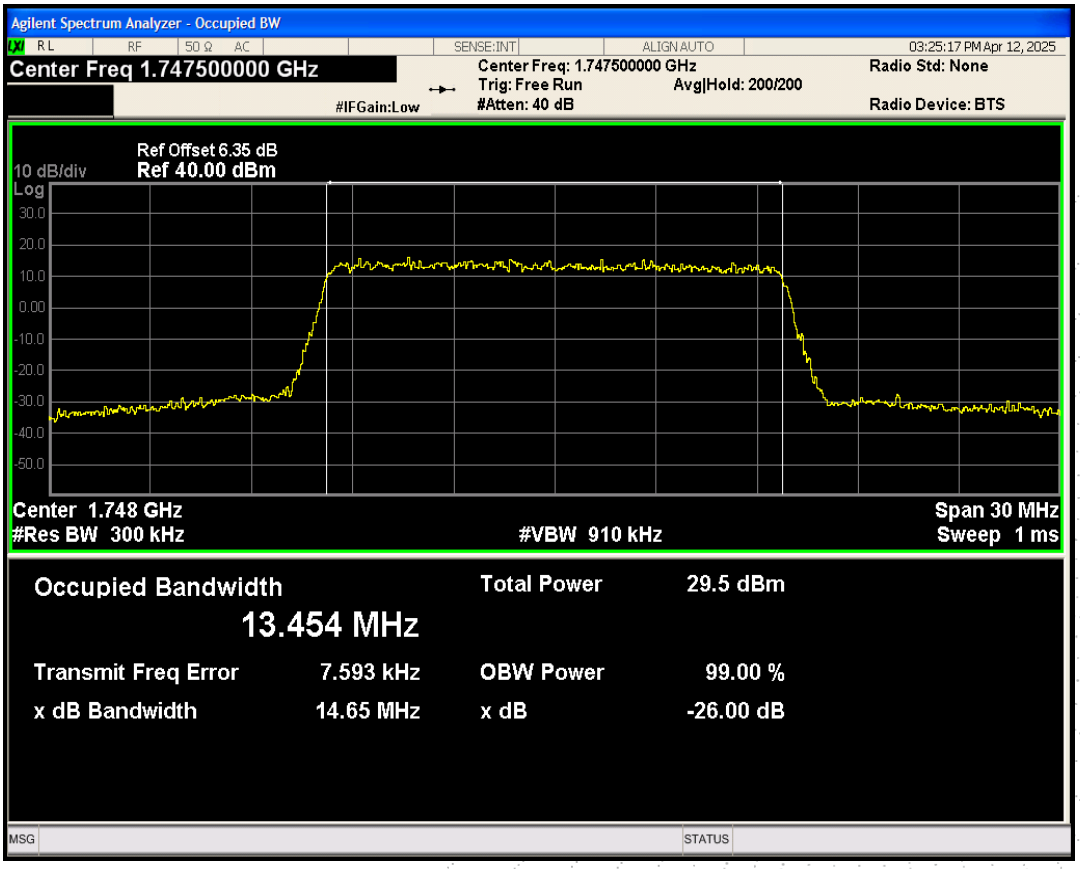
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



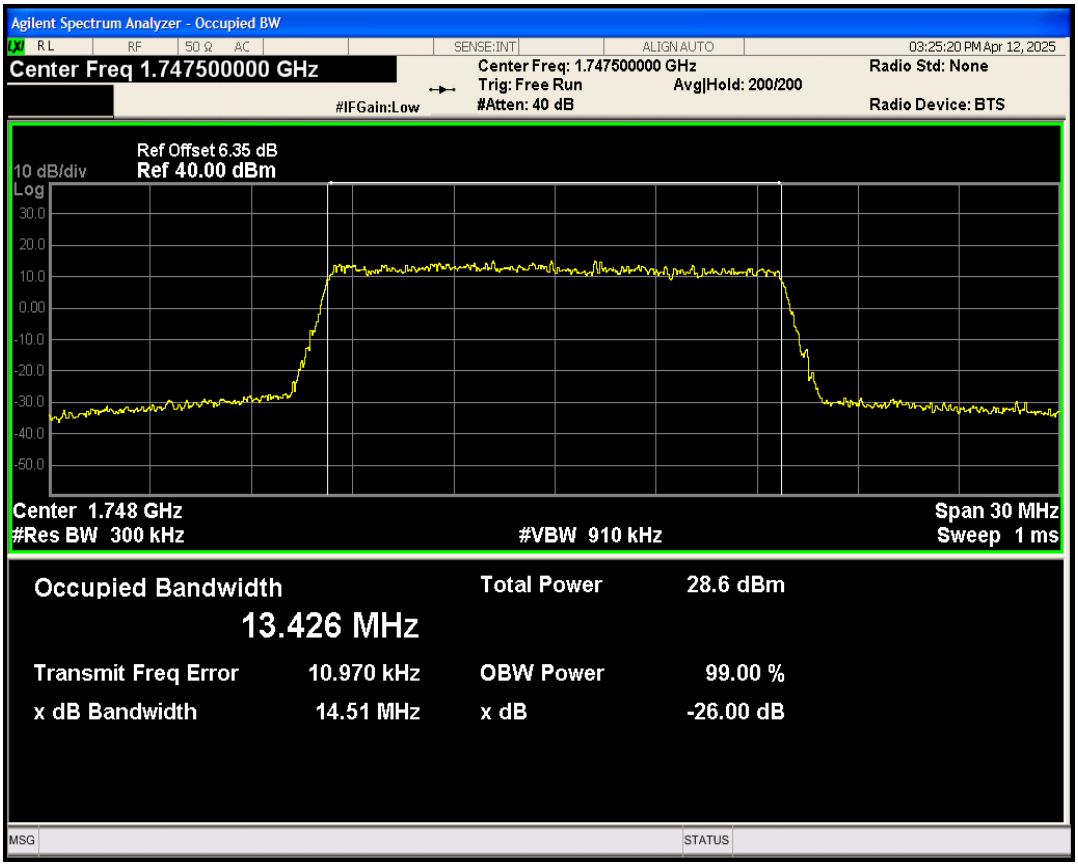
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT



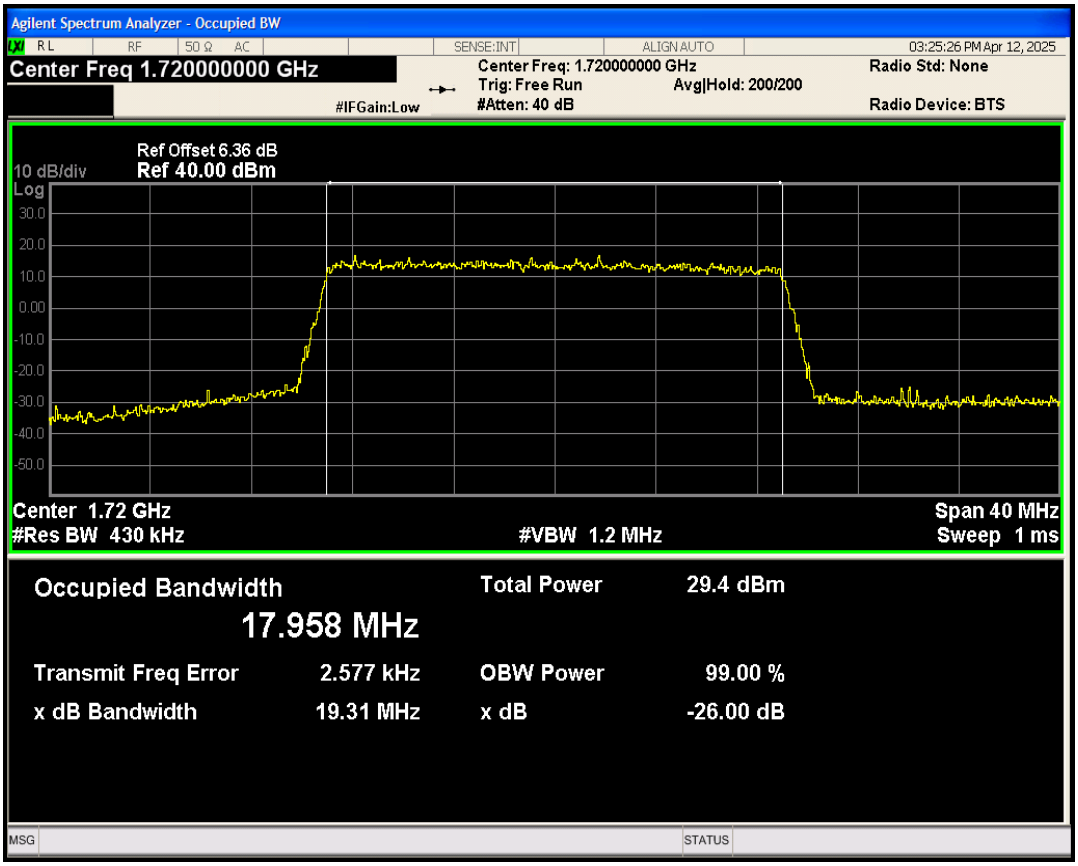
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT



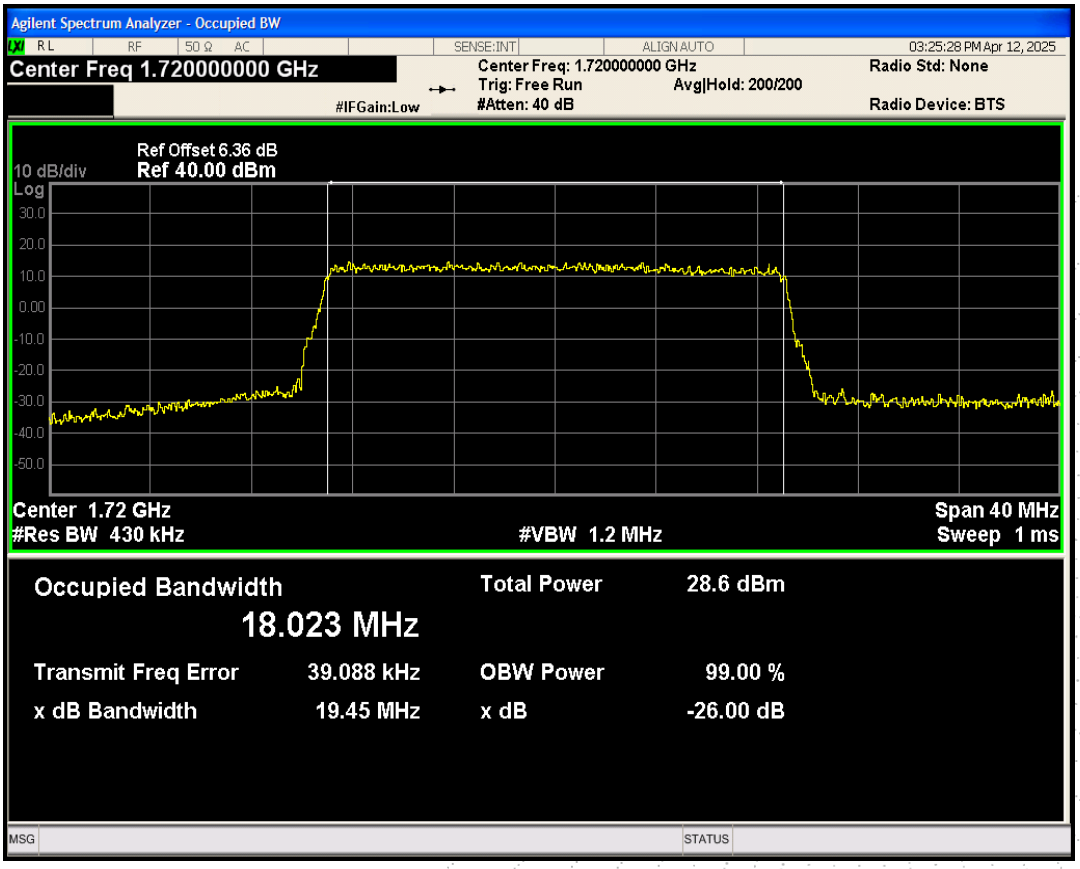
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



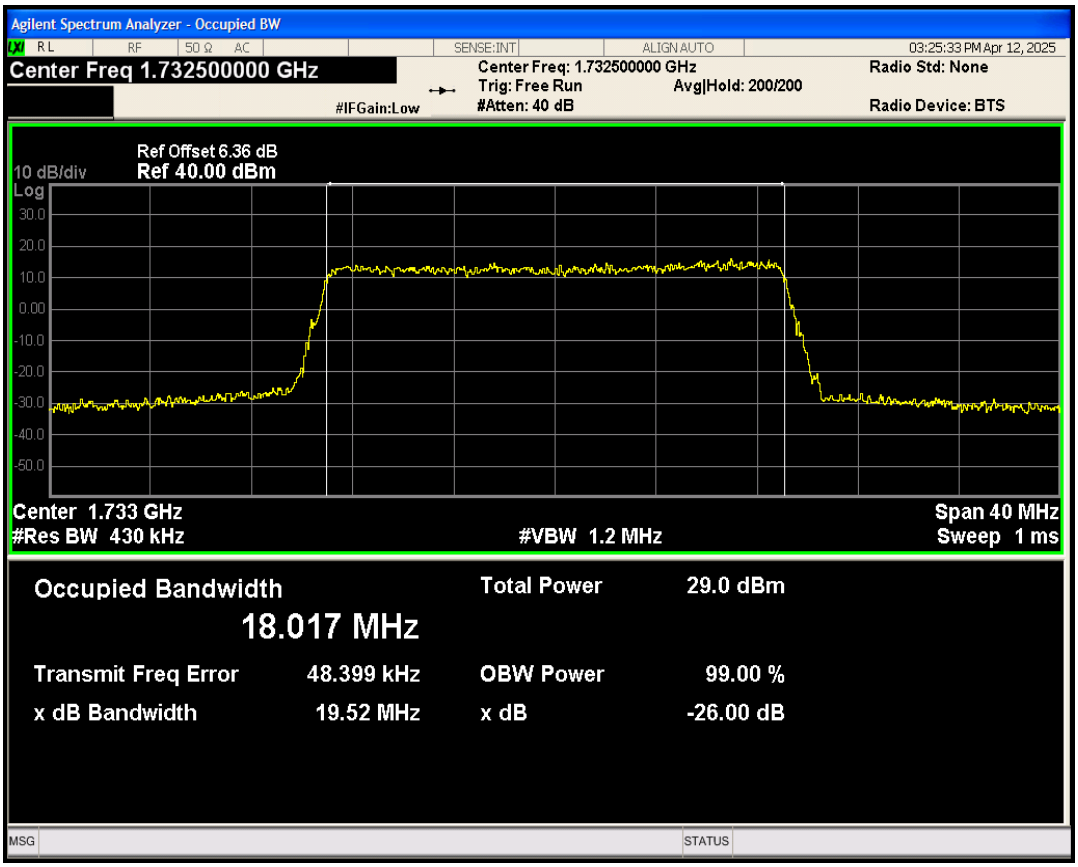
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



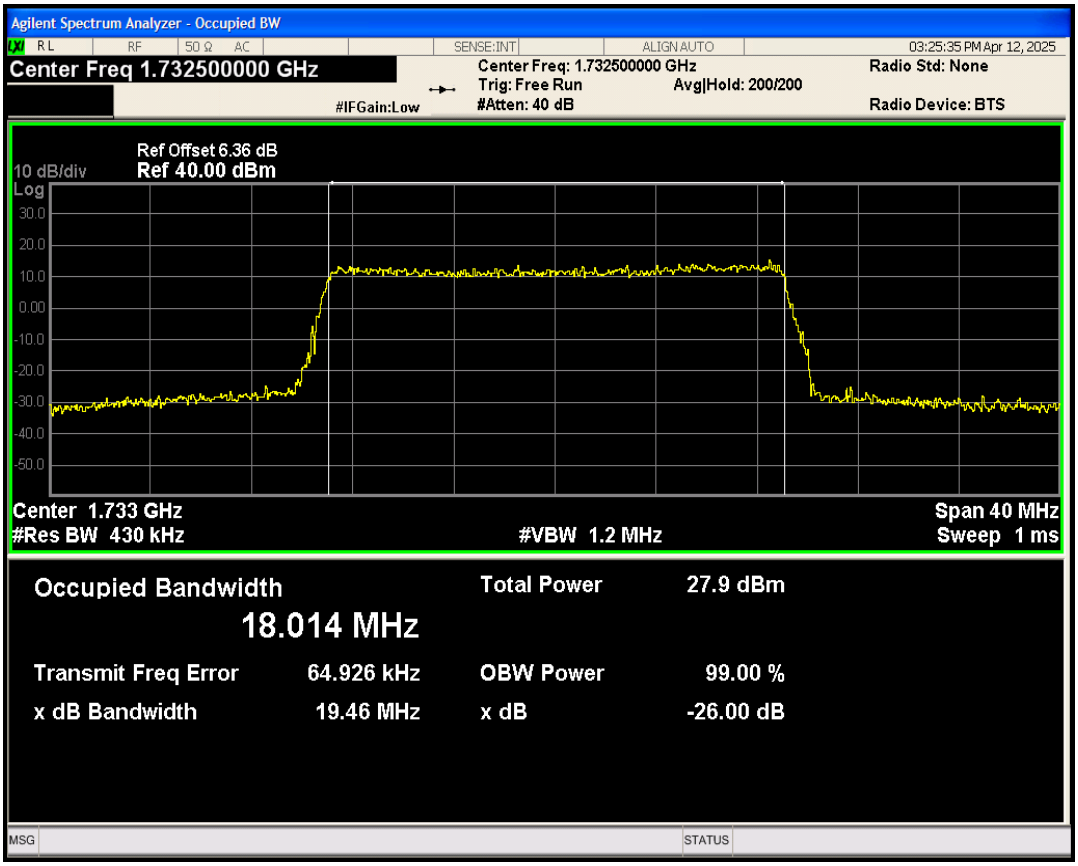
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



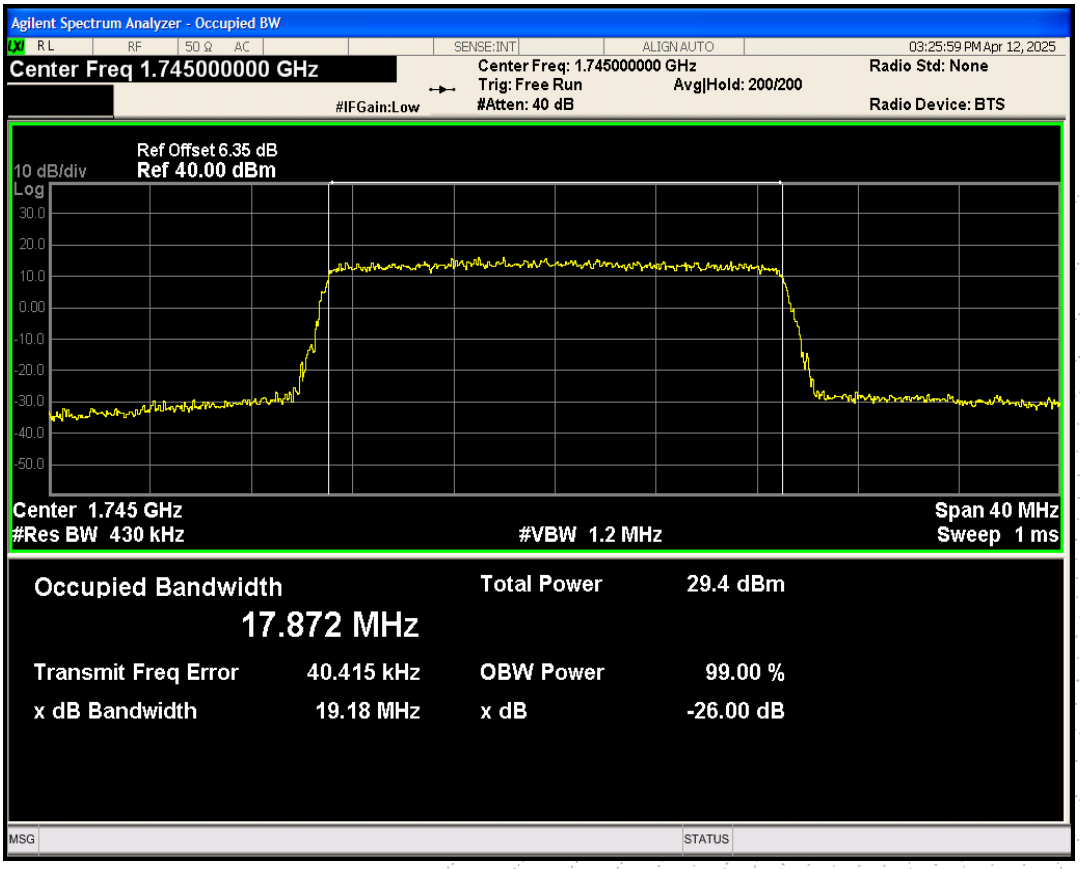
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



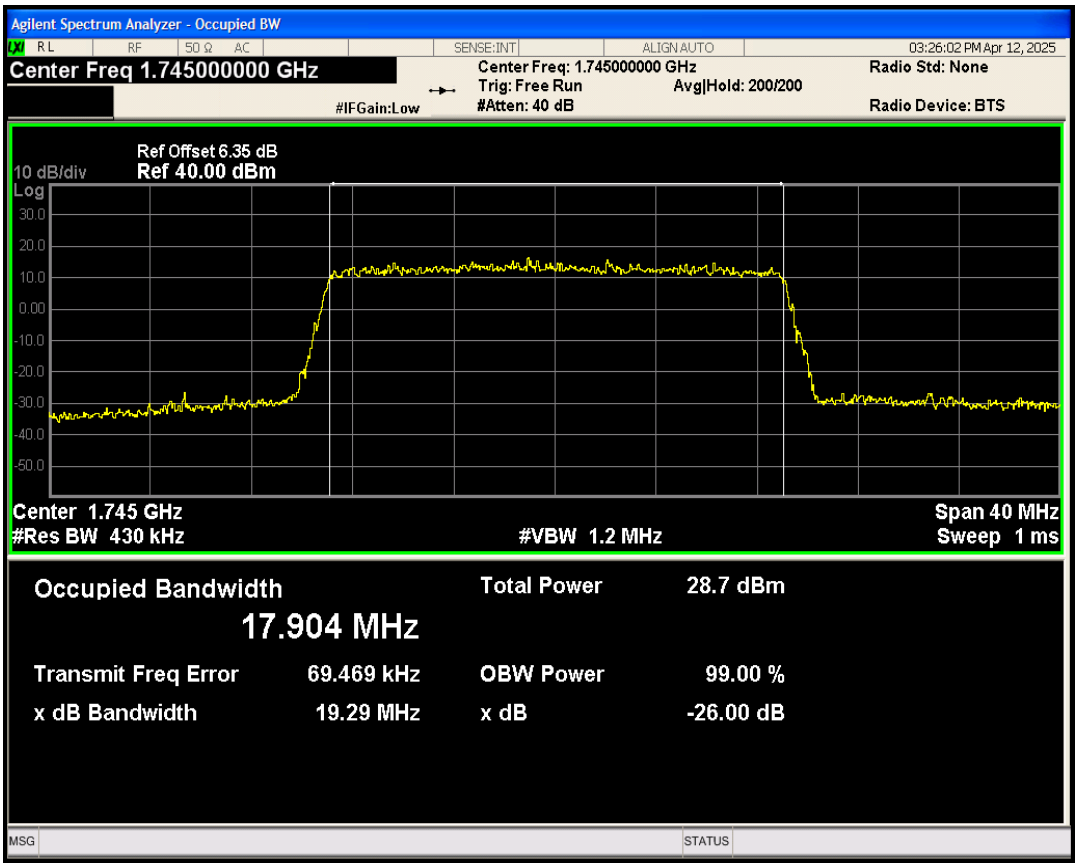
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0 NVNT



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



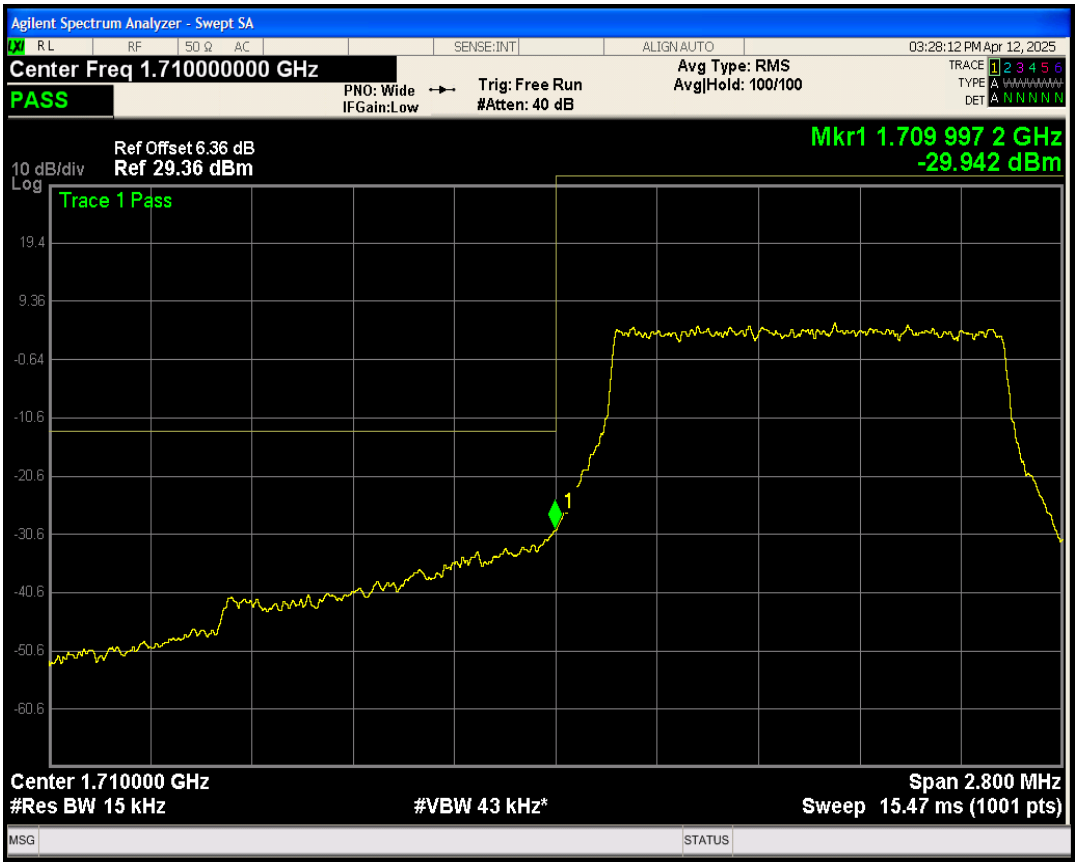
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT



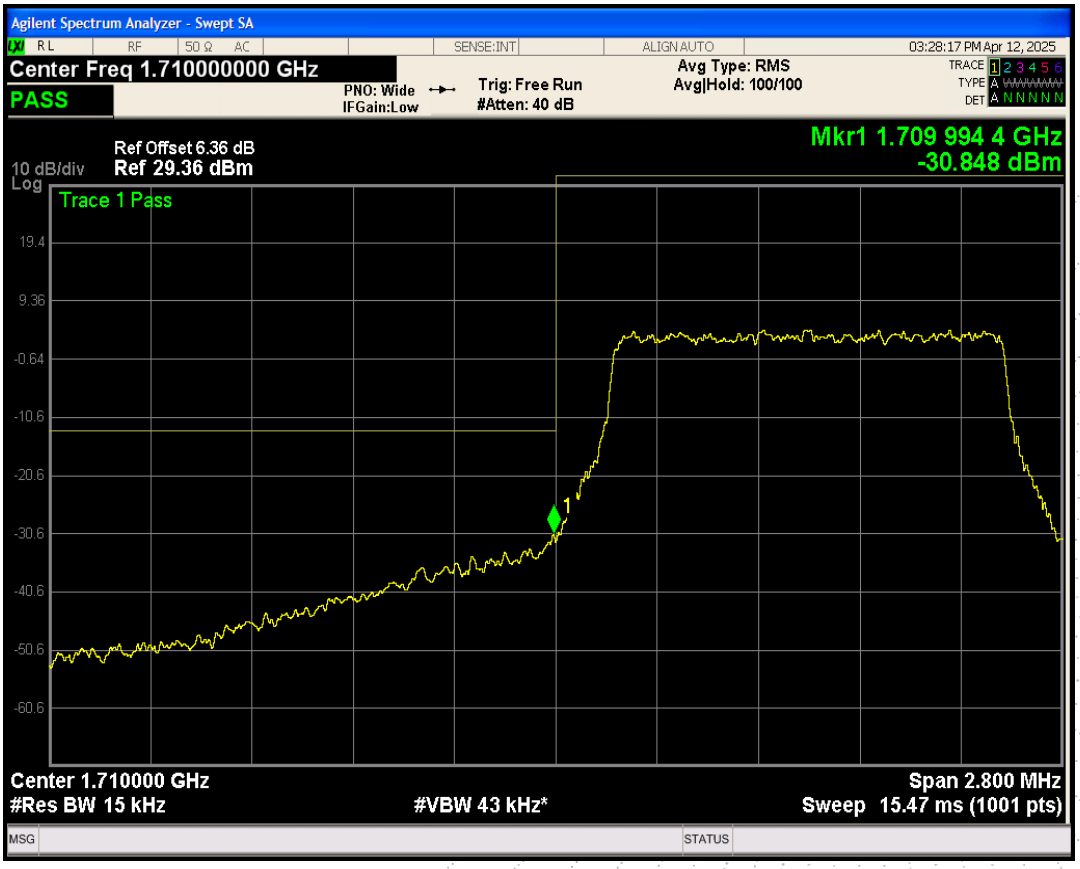
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT

Appendix 5.Band edge

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band4	1.4	19957	6	#0	QPSK	1710.00	-29.94	-13	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	1709.99	-30.84	-13	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	1755.00	-31.91	-13	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	1755.01	-32.88	-13	PASS
NVNT	Band4	3	19965	15	#0	QPSK	1710.00	-29.24	-13	PASS
NVNT	Band4	3	19965	15	#0	16QAM	1710.00	-30.48	-13	PASS
NVNT	Band4	3	20385	15	#0	QPSK	1755.00	-30.66	-13	PASS
NVNT	Band4	3	20385	15	#0	16QAM	1755.00	-31.07	-13	PASS
NVNT	Band4	5	19975	25	#0	QPSK	1709.99	-29.21	-13	PASS
NVNT	Band4	5	19975	25	#0	16QAM	1710.00	-30.35	-13	PASS
NVNT	Band4	5	20375	25	#0	QPSK	1755.00	-31.26	-13	PASS
NVNT	Band4	5	20375	25	#0	16QAM	1755.00	-31.41	-13	PASS
NVNT	Band4	10	20000	50	#0	QPSK	1709.94	-32.32	-13	PASS
NVNT	Band4	10	20000	50	#0	16QAM	1710.00	-33.37	-13	PASS
NVNT	Band4	10	20350	50	#0	QPSK	1755.00	-36.90	-13	PASS
NVNT	Band4	10	20350	50	#0	16QAM	1755.00	-35.57	-13	PASS
NVNT	Band4	15	20025	75	#0	QPSK	1710.00	-36.06	-13	PASS
NVNT	Band4	15	20025	75	#0	16QAM	1710.00	-34.13	-13	PASS
NVNT	Band4	15	20325	75	#0	QPSK	1755.00	-36.74	-13	PASS
NVNT	Band4	15	20325	75	#0	16QAM	1755.00	-37.30	-13	PASS
NVNT	Band4	20	20050	100	#0	QPSK	1710.00	-35.90	-13	PASS
NVNT	Band4	20	20050	100	#0	16QAM	1710.00	-36.67	-13	PASS
NVNT	Band4	20	20300	100	#0	QPSK	1755.00	-36.26	-13	PASS
NVNT	Band4	20	20300	100	#0	16QAM	1755.04	-39.13	-13	PASS



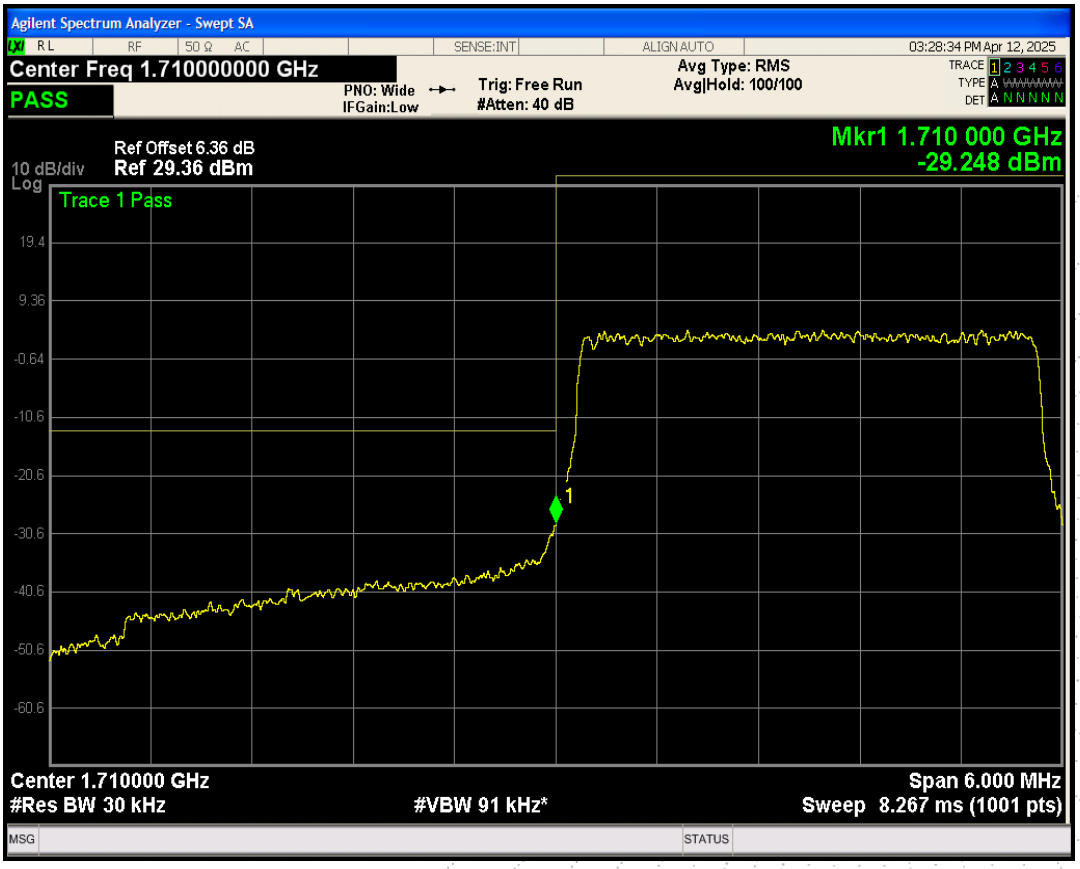
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT



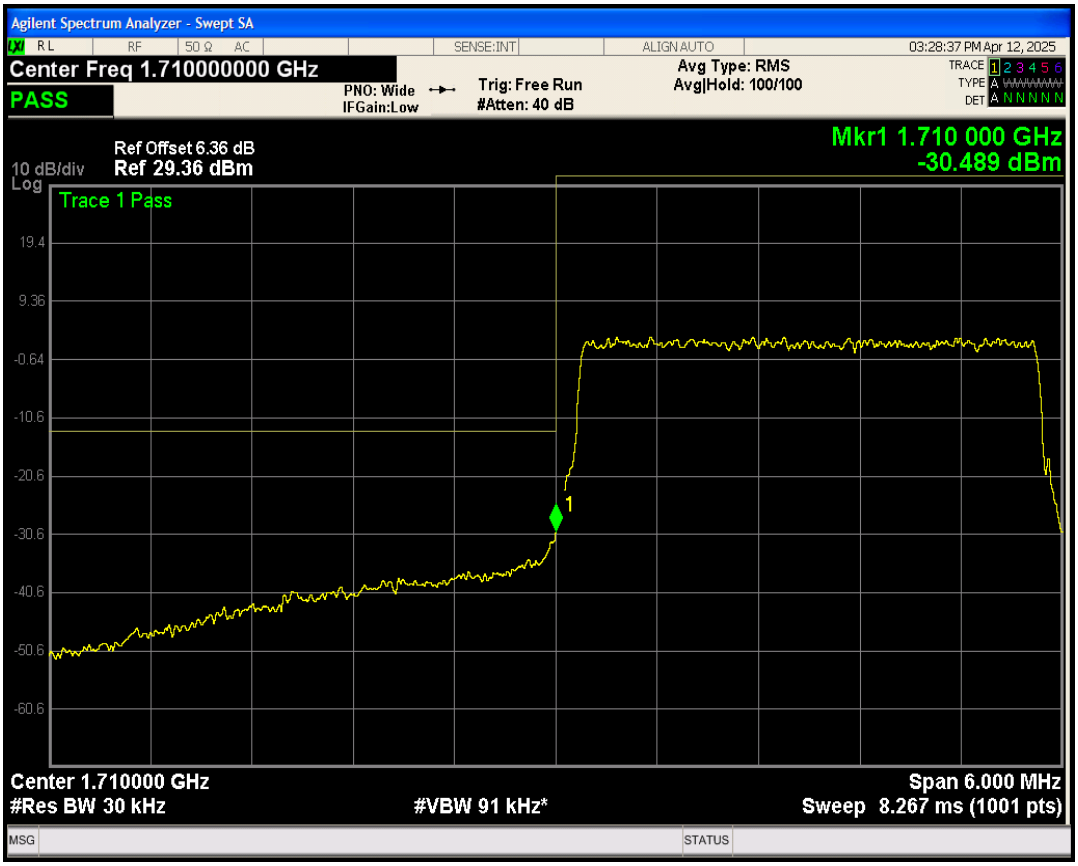
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT

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

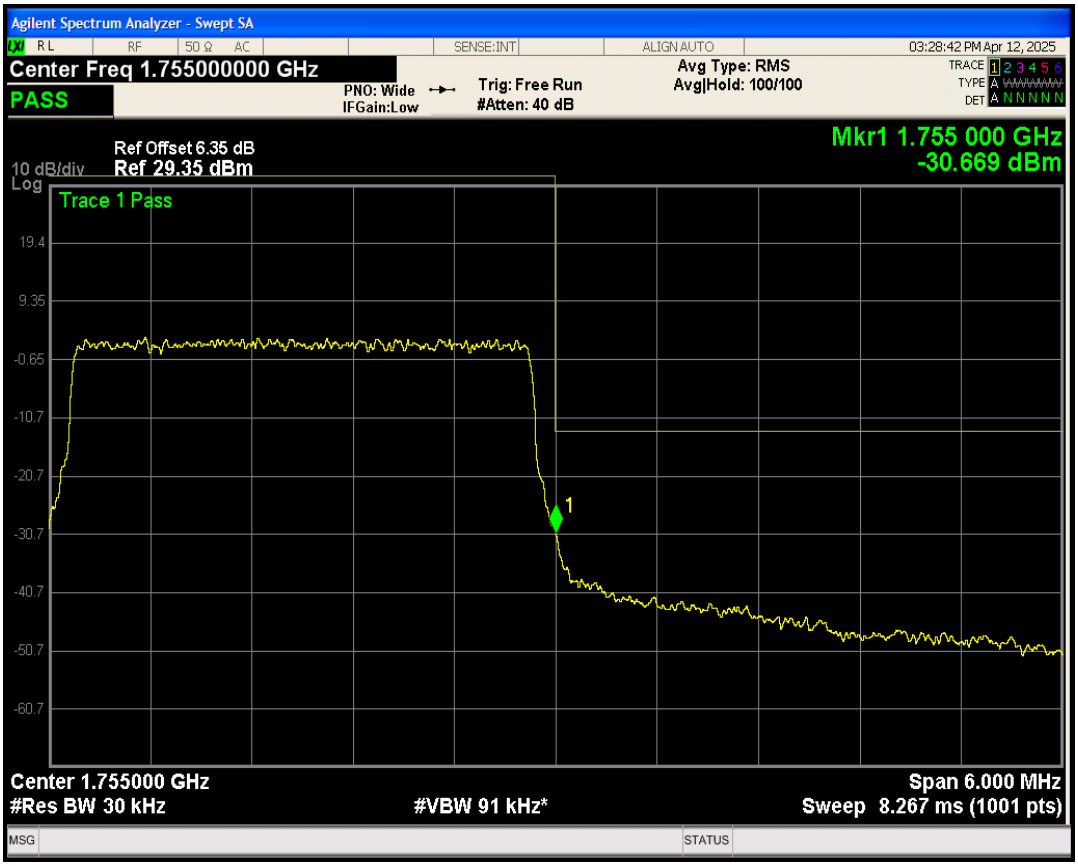
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



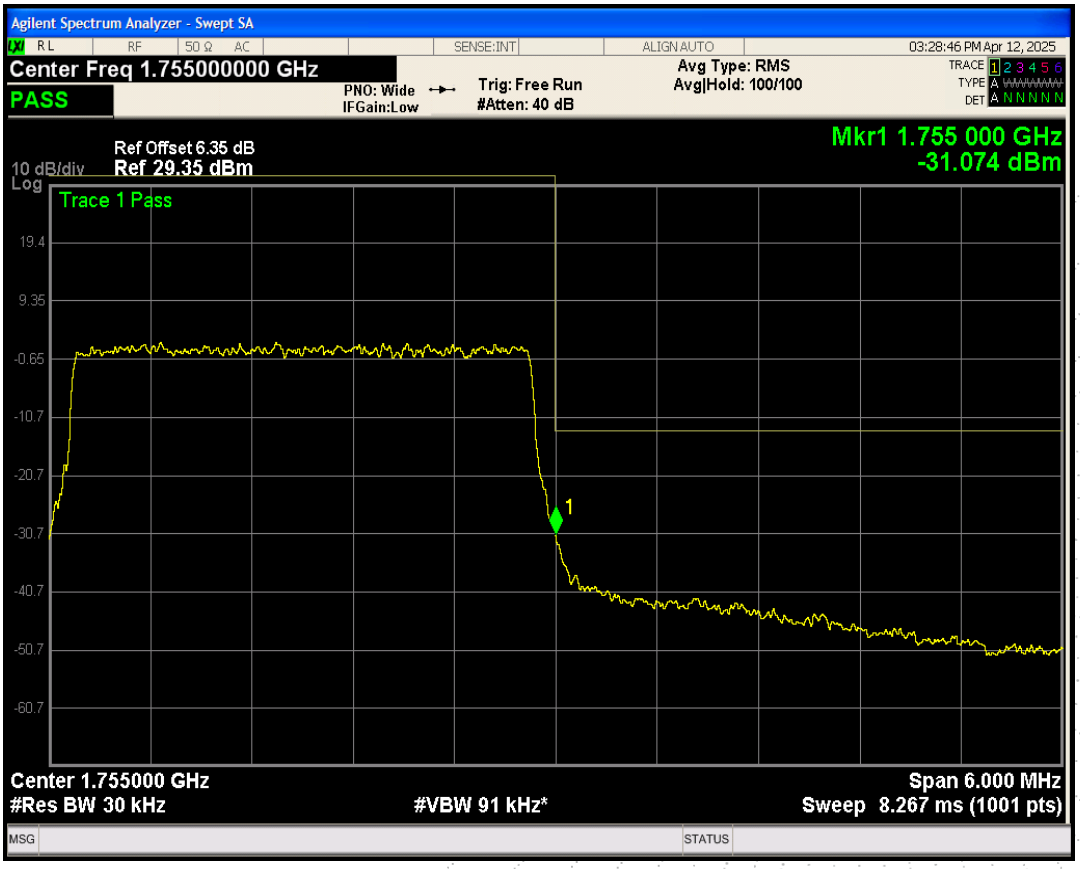
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



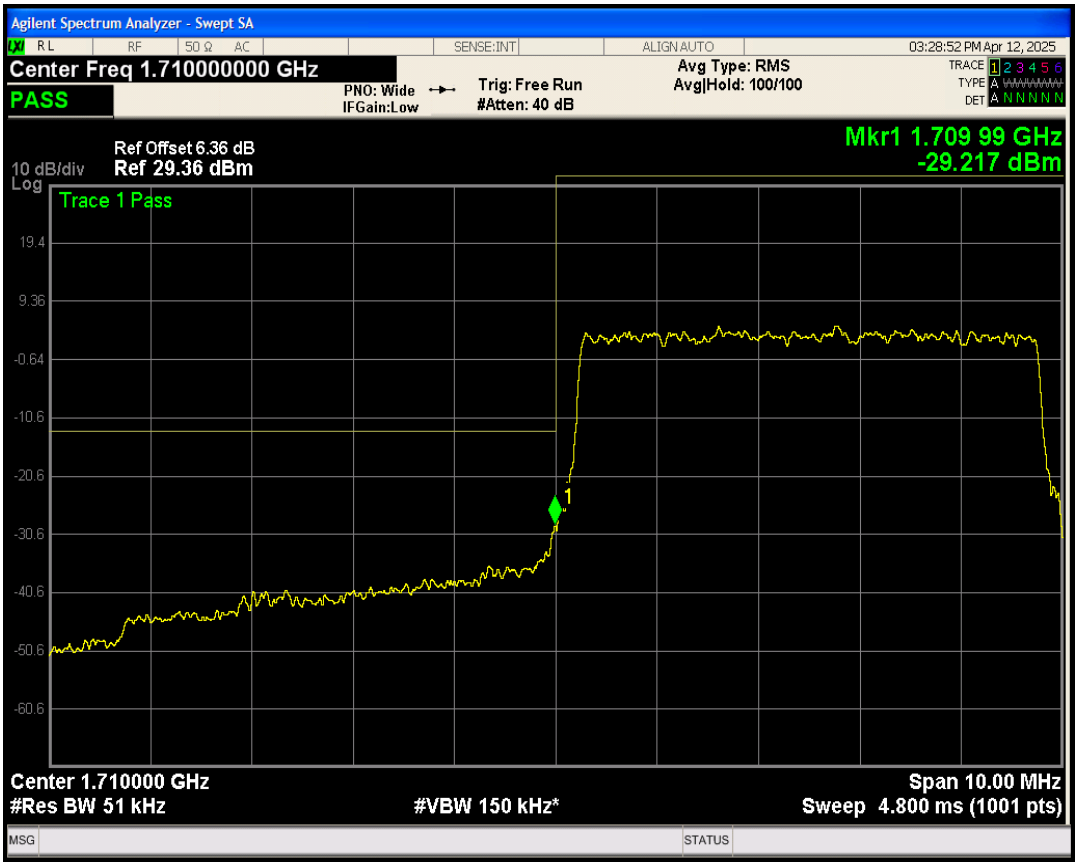
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



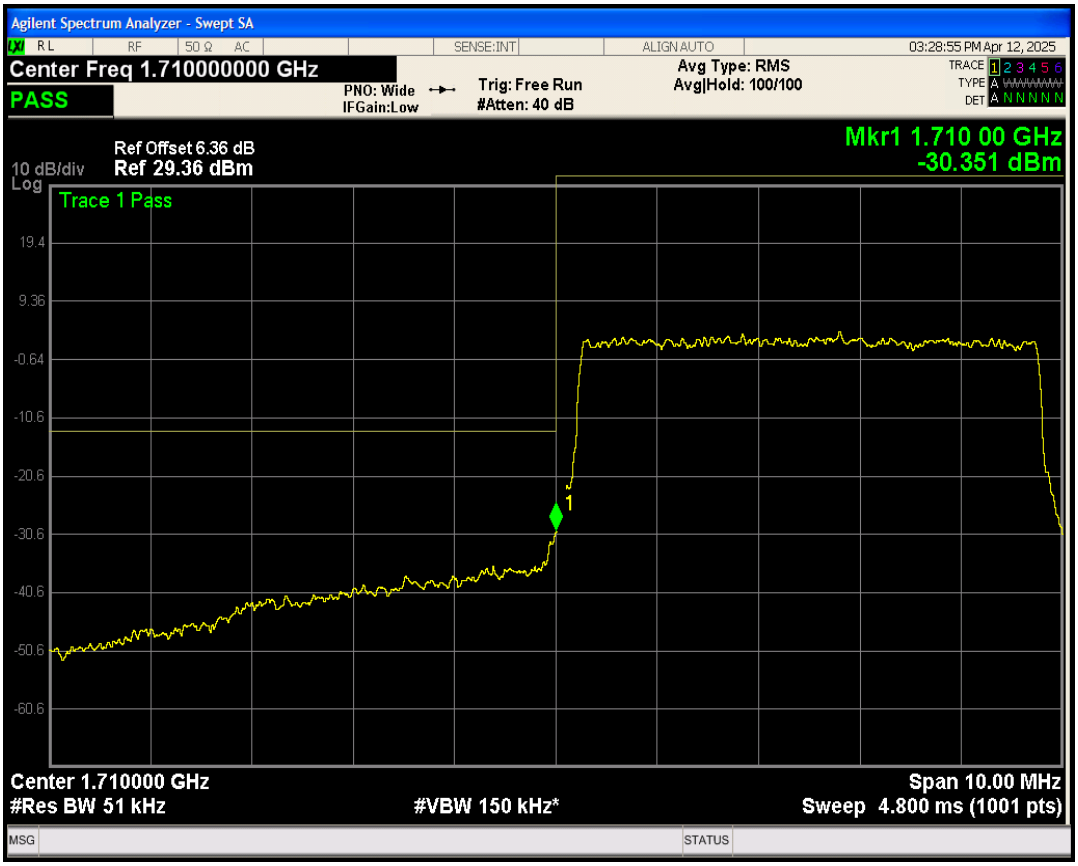
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



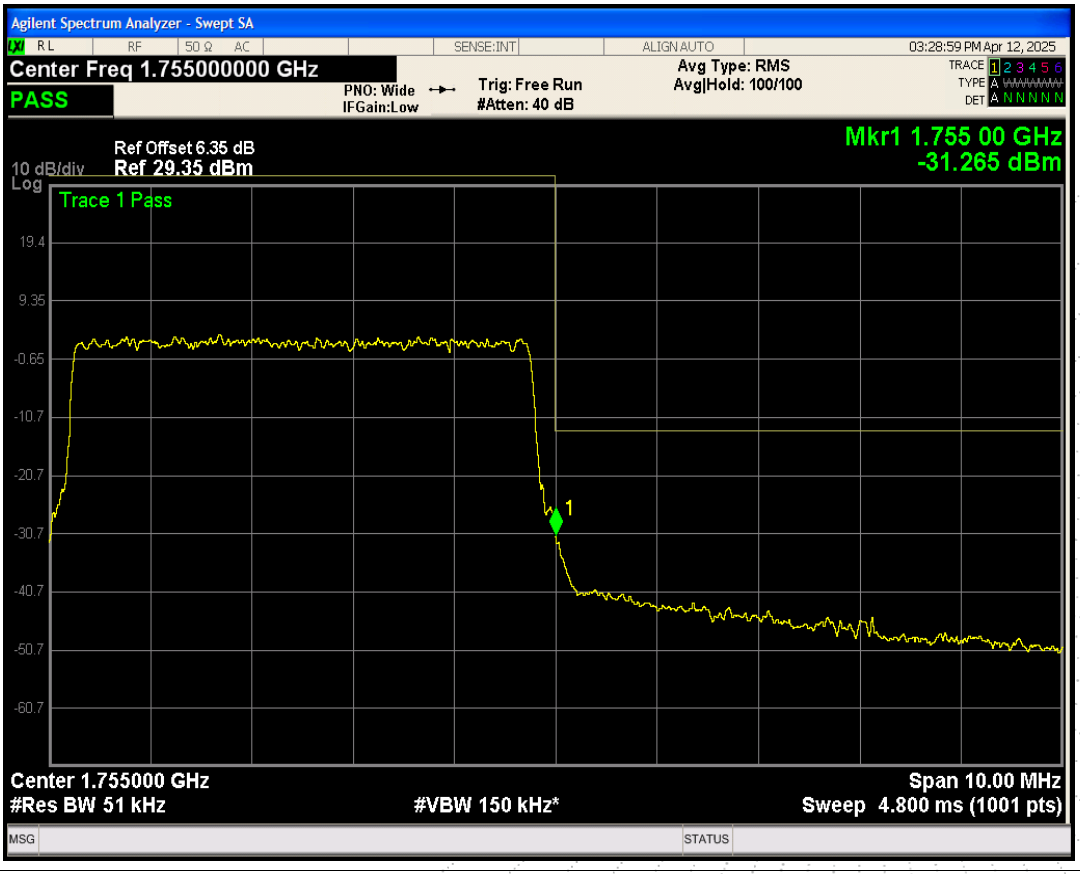
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



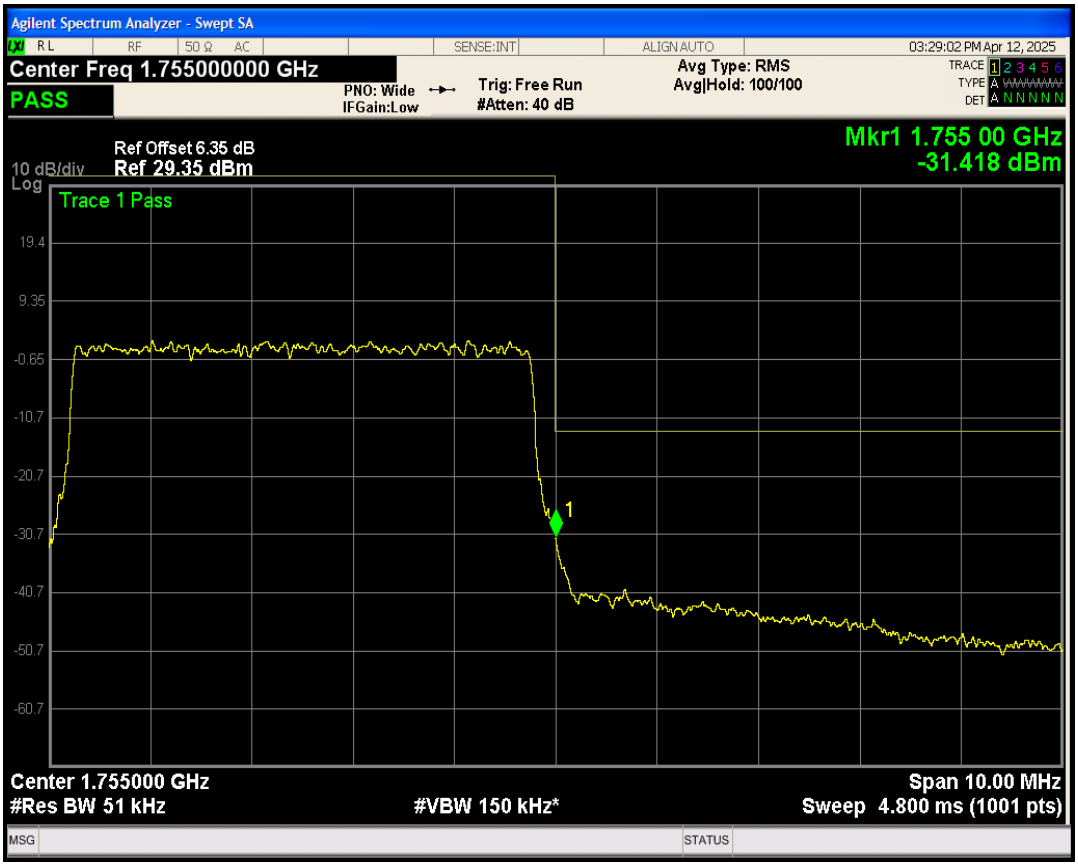
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



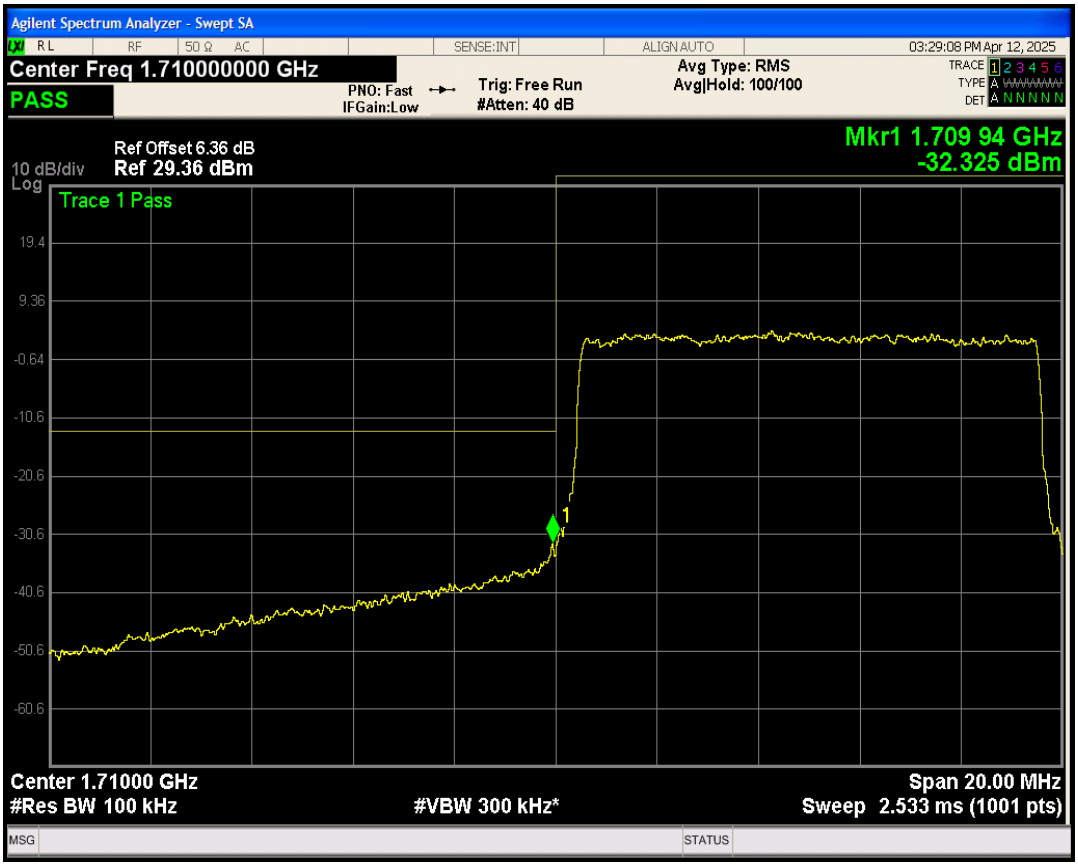
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



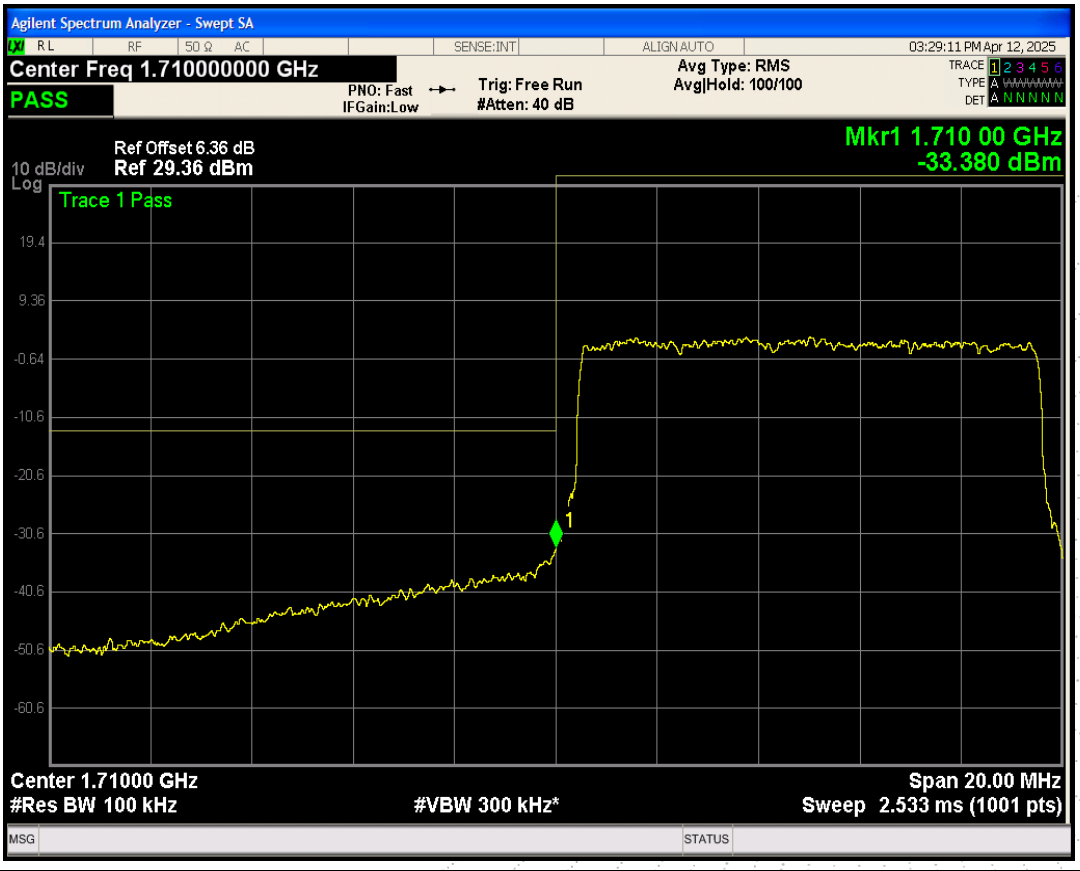
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



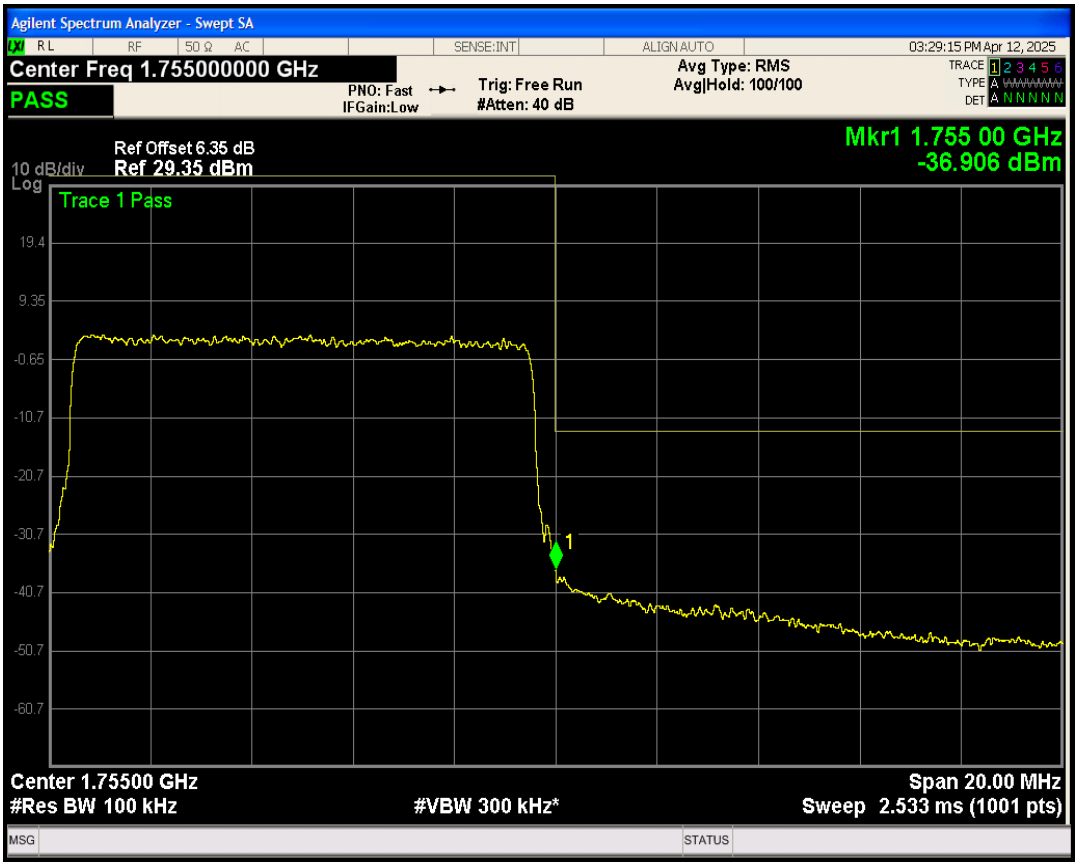
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



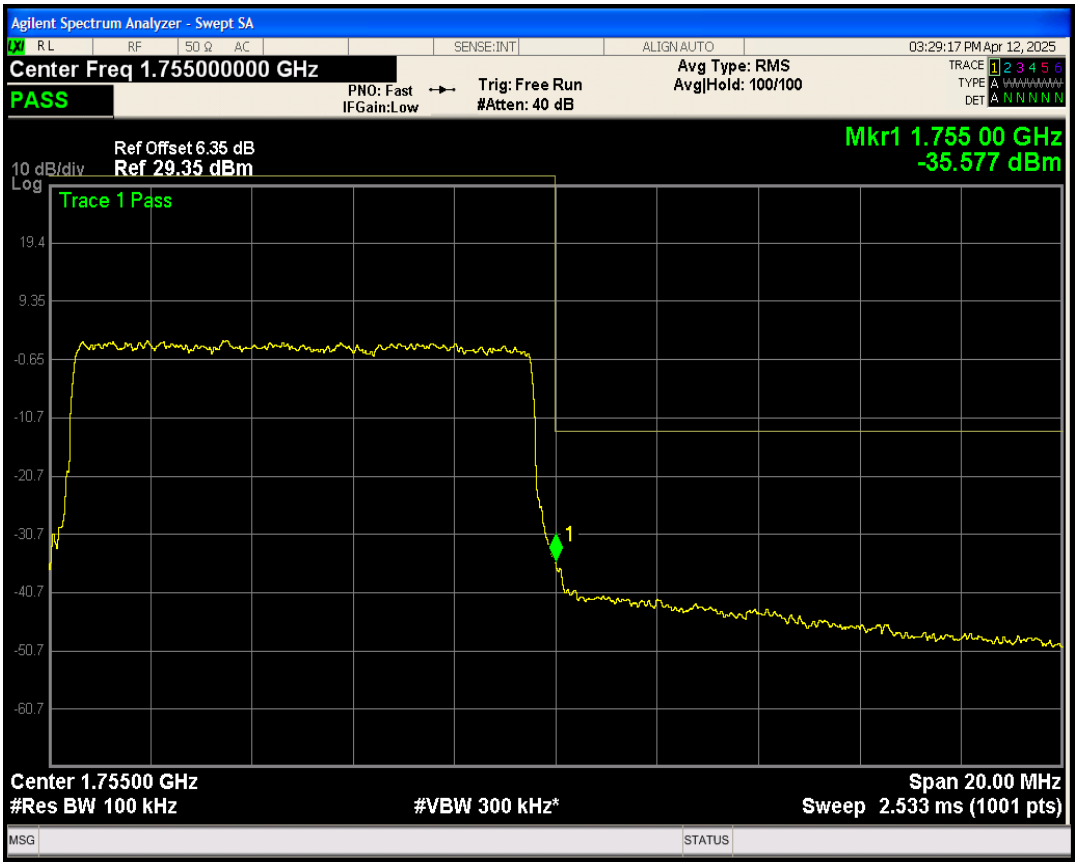
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT



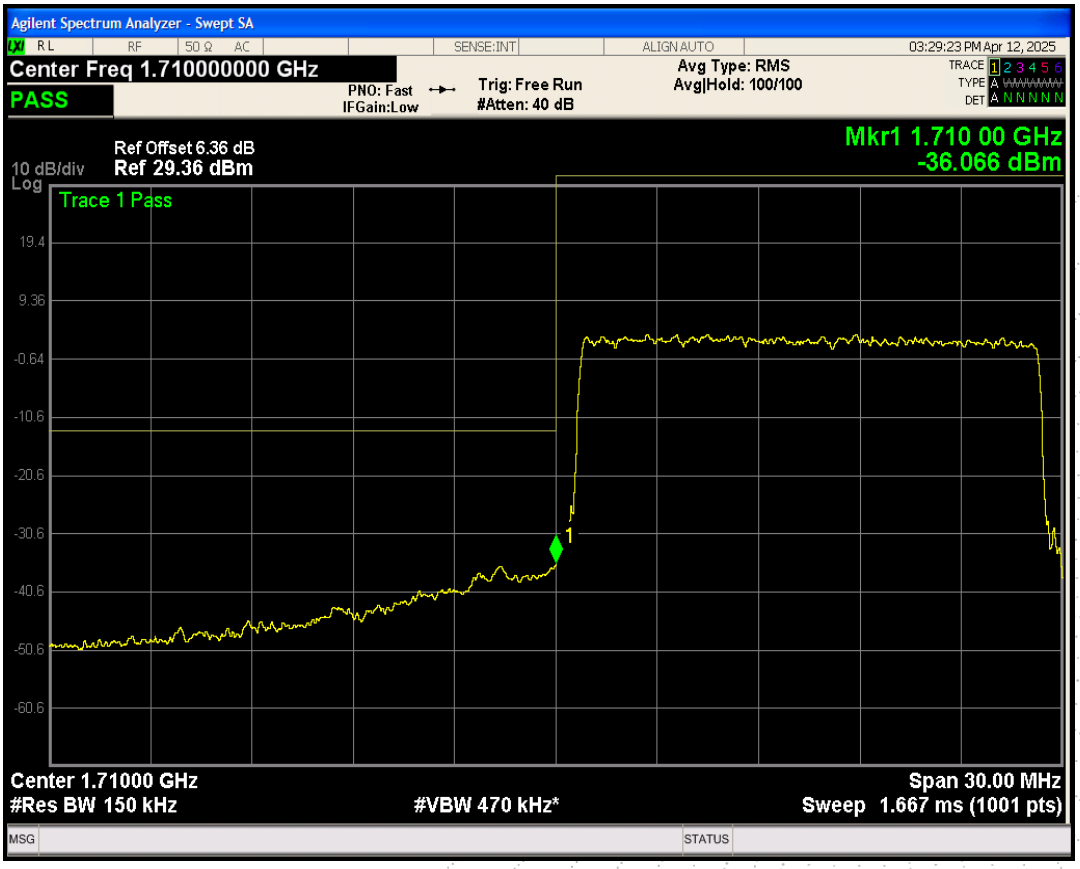
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT



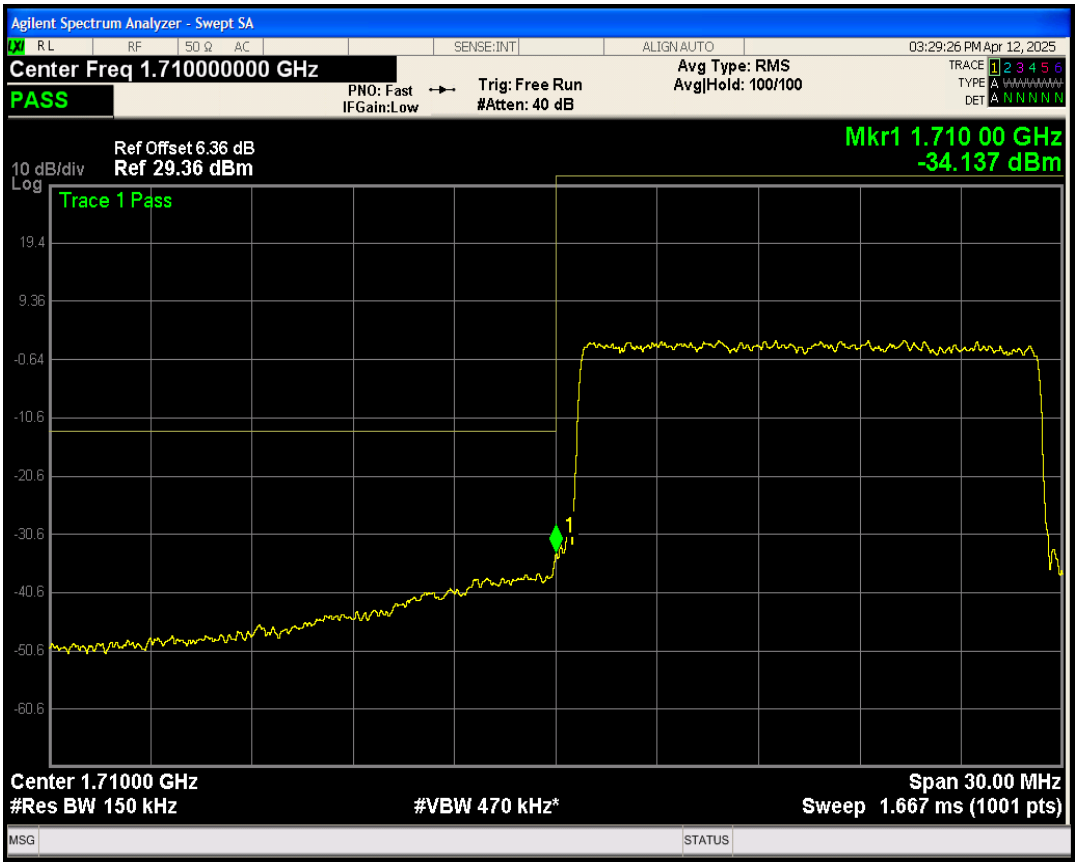
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



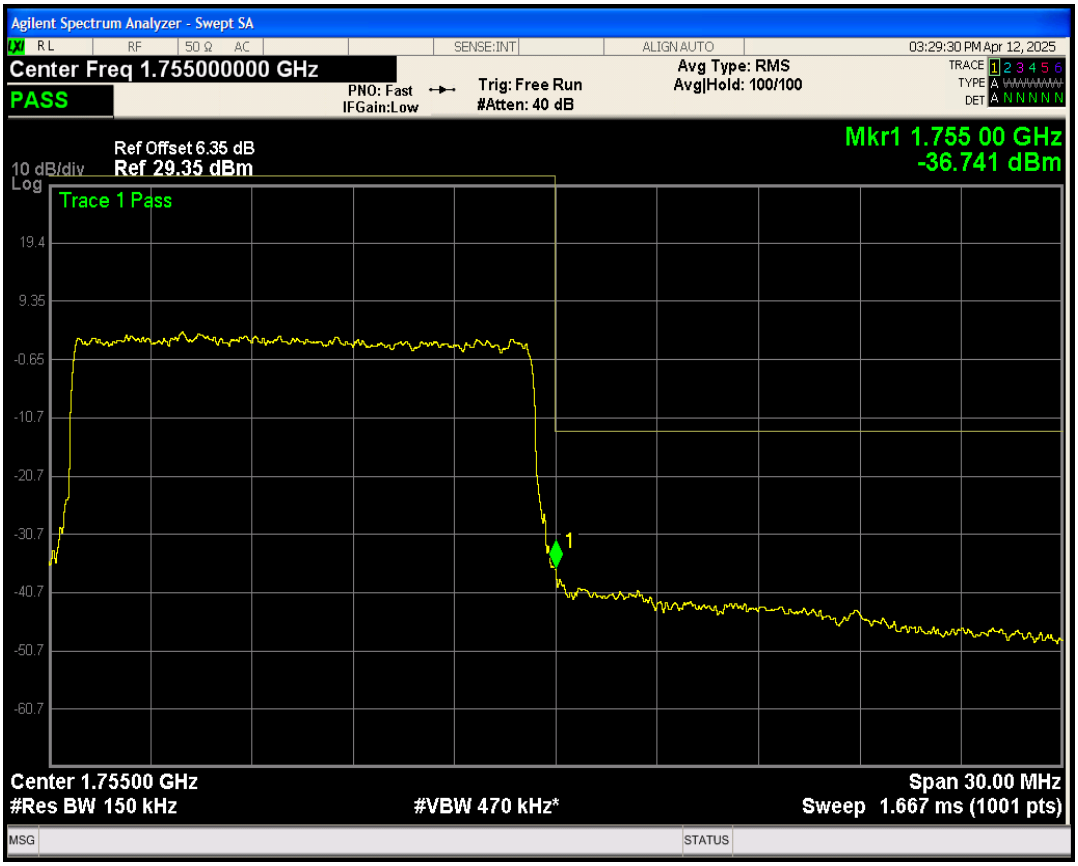
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



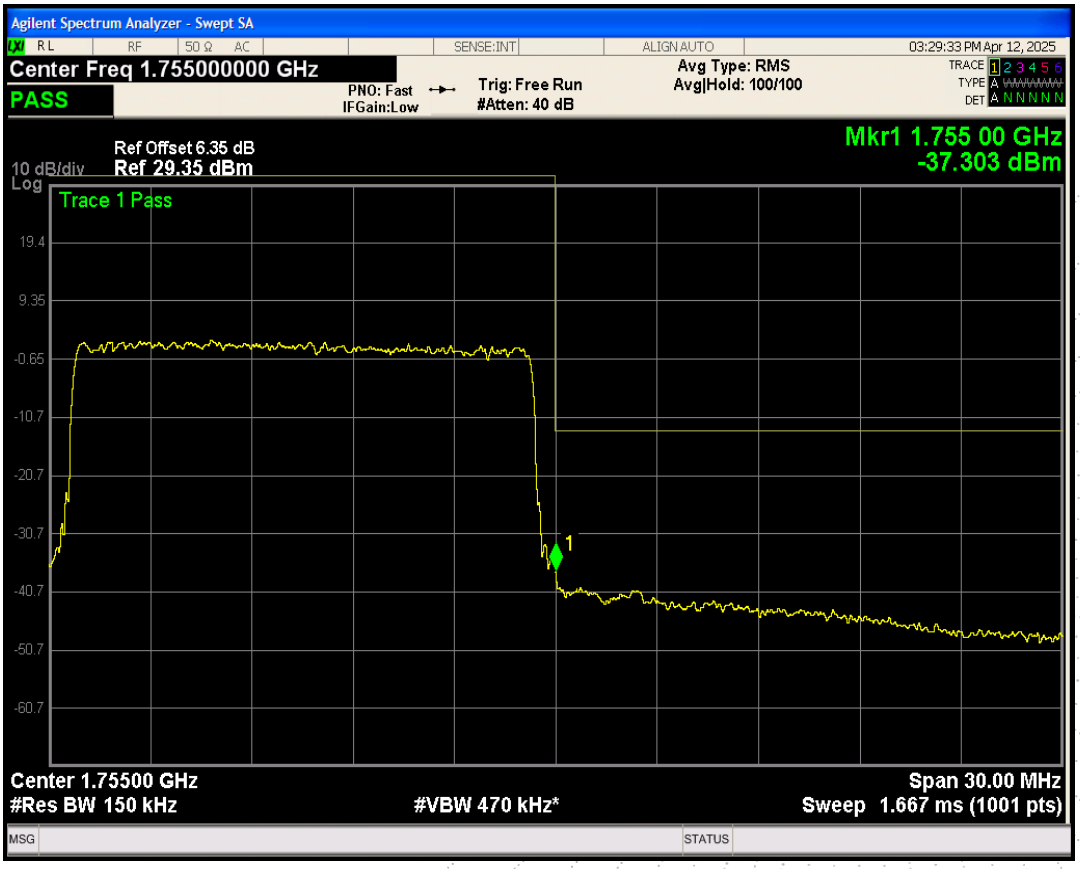
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



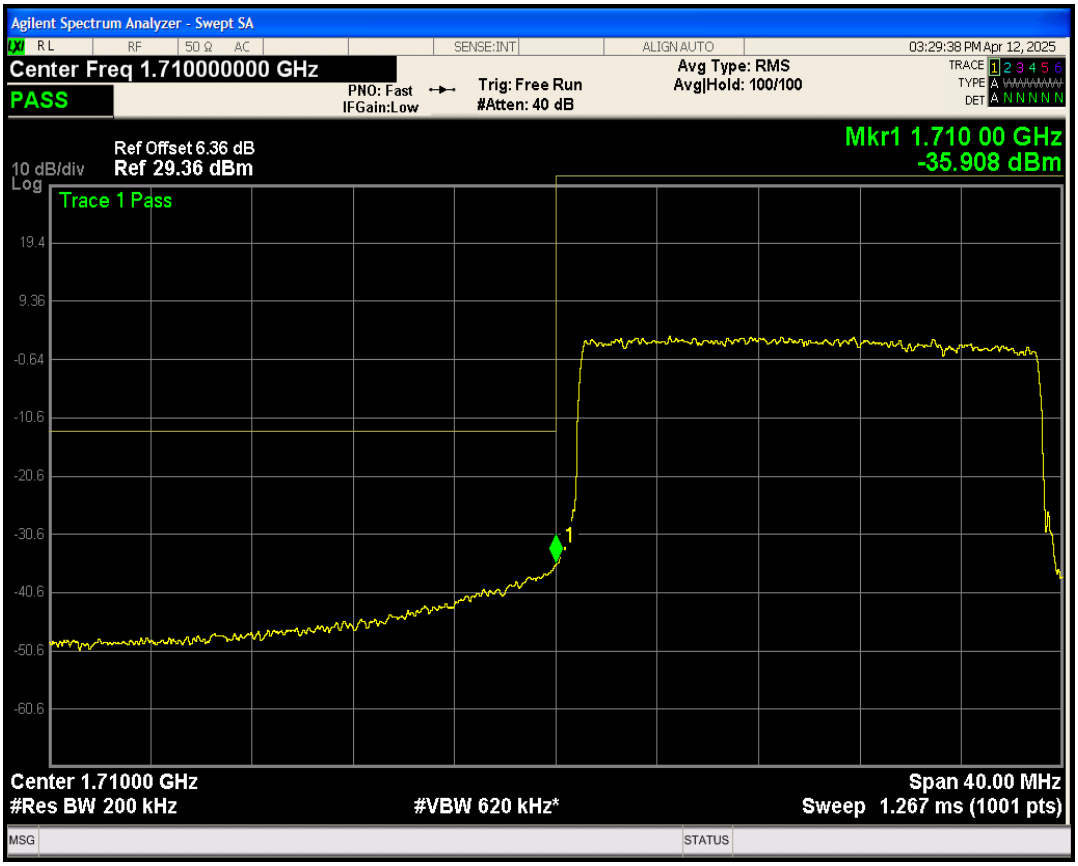
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



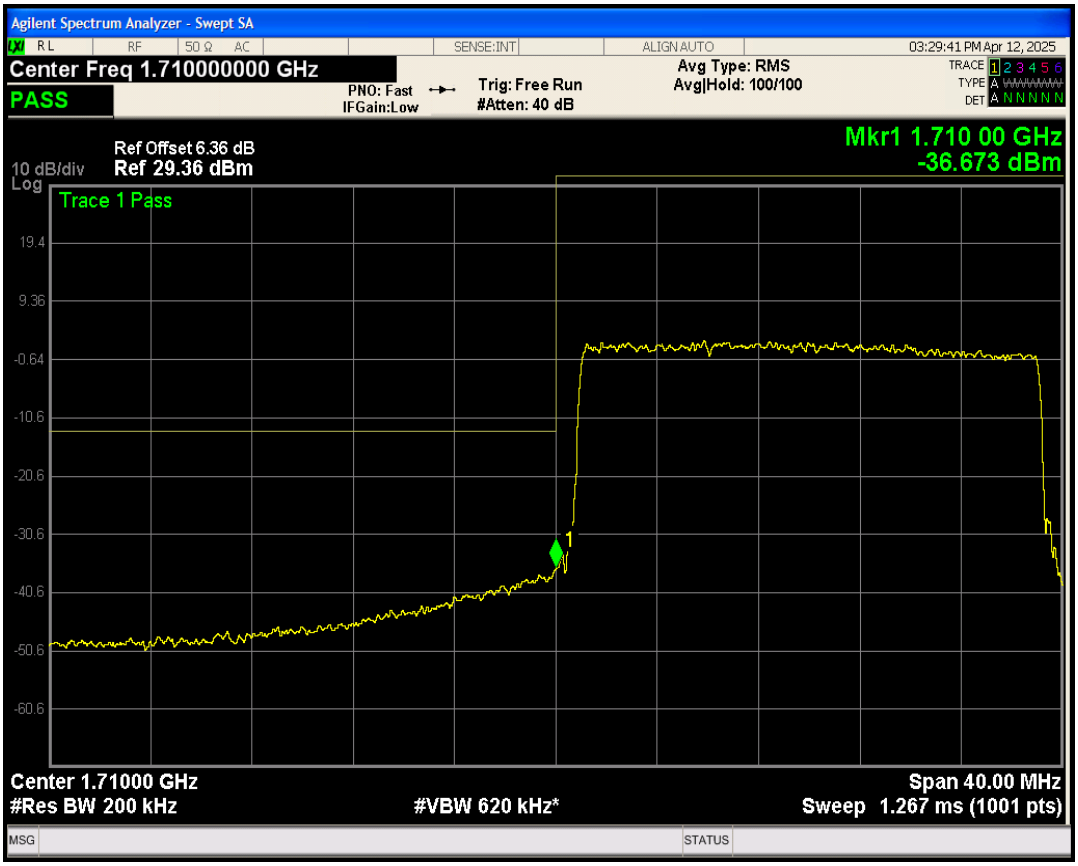
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



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

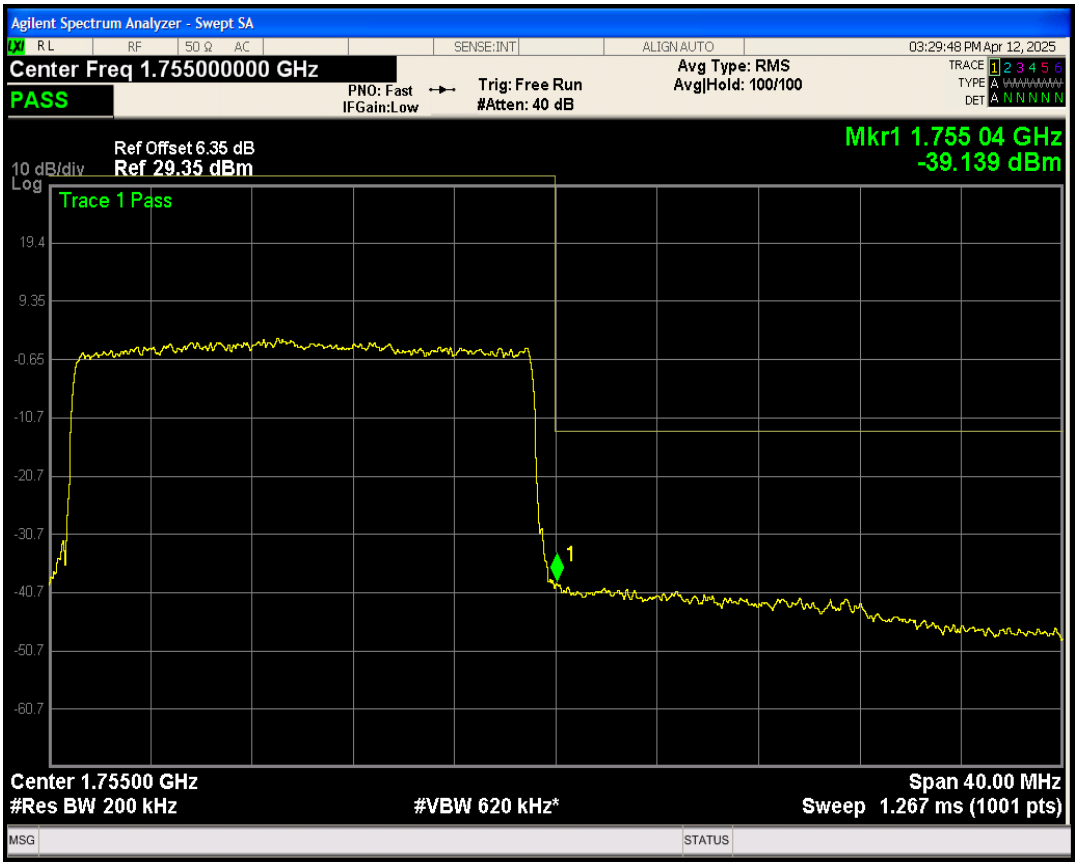


Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



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

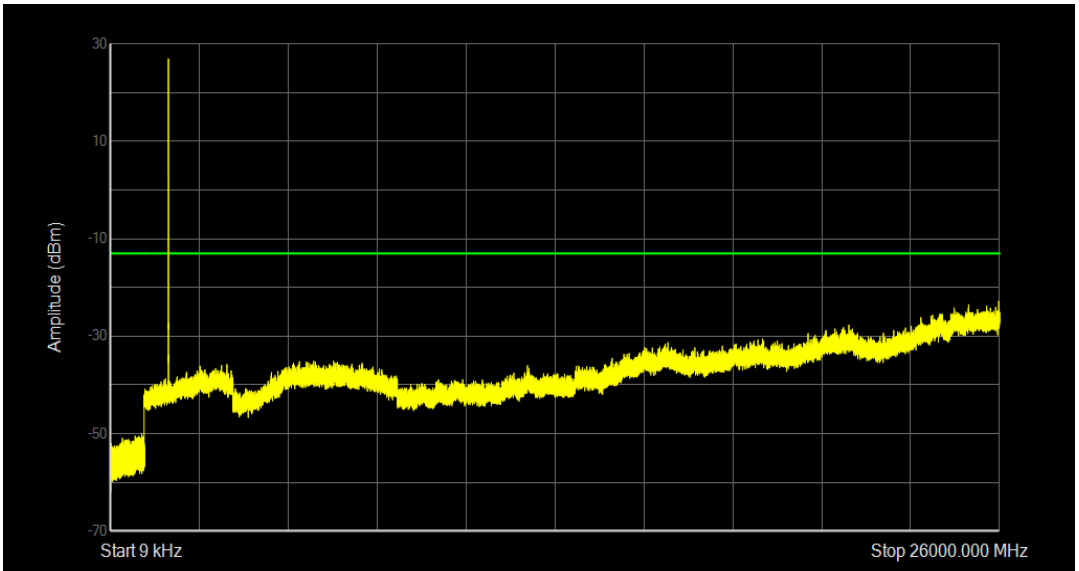
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT



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

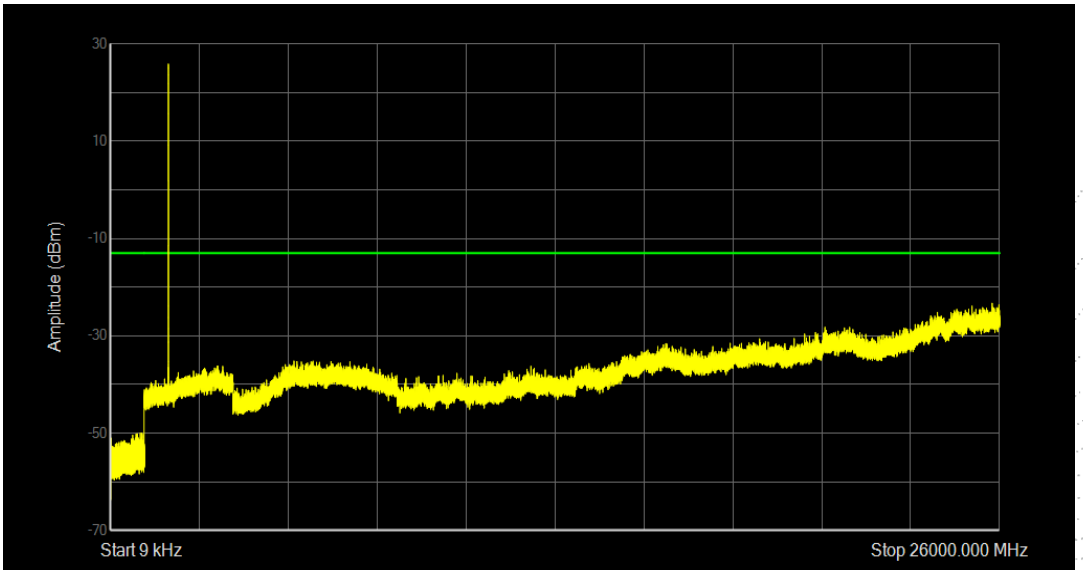
Appendix 6.Out-of-band emissions

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band4	1.4	19957	6	#0	QPSK	25976.25	-22.81	-13	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	25783.75	-23.29	-13	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	25963.75	-23.04	-13	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	24900.63	-23.73	-13	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	25318.13	-23.82	-13	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	25566.88	-24.07	-13	PASS
NVNT	Band4	3	19965	15	#0	QPSK	25761.88	-22.83	-13	PASS
NVNT	Band4	3	19965	15	#0	16QAM	25580.63	-23.97	-13	PASS
NVNT	Band4	3	20175	15	#0	QPSK	25961.25	-23.99	-13	PASS
NVNT	Band4	3	20175	15	#0	16QAM	25088.13	-23.59	-13	PASS
NVNT	Band4	3	20385	15	#0	QPSK	24777.50	-23.43	-13	PASS
NVNT	Band4	3	20385	15	#0	16QAM	25763.13	-23.96	-13	PASS
NVNT	Band4	5	19975	25	#0	QPSK	25991.25	-23.79	-13	PASS
NVNT	Band4	5	19975	25	#0	16QAM	25188.75	-23.42	-13	PASS
NVNT	Band4	5	20175	25	#0	QPSK	25686.25	-24.25	-13	PASS
NVNT	Band4	5	20175	25	#0	16QAM	25855.63	-23.65	-13	PASS
NVNT	Band4	5	20375	25	#0	QPSK	25341.25	-24.06	-13	PASS
NVNT	Band4	5	20375	25	#0	16QAM	25443.75	-23.78	-13	PASS
NVNT	Band4	10	20000	50	#0	QPSK	25990.63	-23.79	-13	PASS
NVNT	Band4	10	20000	50	#0	16QAM	25403.75	-22.23	-13	PASS
NVNT	Band4	10	20175	50	#0	QPSK	25643.13	-24.30	-13	PASS
NVNT	Band4	10	20175	50	#0	16QAM	25615.00	-23.39	-13	PASS
NVNT	Band4	10	20350	50	#0	QPSK	25765.63	-24.18	-13	PASS
NVNT	Band4	10	20350	50	#0	16QAM	25778.75	-23.46	-13	PASS
NVNT	Band4	15	20025	75	#0	QPSK	25413.13	-23.73	-13	PASS
NVNT	Band4	15	20025	75	#0	16QAM	25044.38	-23.65	-13	PASS
NVNT	Band4	15	20175	75	#0	QPSK	25606.25	-23.93	-13	PASS
NVNT	Band4	15	20175	75	#0	16QAM	25580.63	-23.64	-13	PASS
NVNT	Band4	15	20325	75	#0	QPSK	25551.25	-23.96	-13	PASS
NVNT	Band4	15	20325	75	#0	16QAM	24744.38	-24.18	-13	PASS
NVNT	Band4	20	20050	100	#0	QPSK	25962.50	-23.40	-13	PASS
NVNT	Band4	20	20050	100	#0	16QAM	25860.00	-23.72	-13	PASS
NVNT	Band4	20	20175	100	#0	QPSK	25869.38	-23.50	-13	PASS
NVNT	Band4	20	20175	100	#0	16QAM	25488.13	-24.03	-13	PASS
NVNT	Band4	20	20300	100	#0	QPSK	25556.88	-23.73	-13	PASS
NVNT	Band4	20	20300	100	#0	16QAM	25825.00	-23.54	-13	PASS



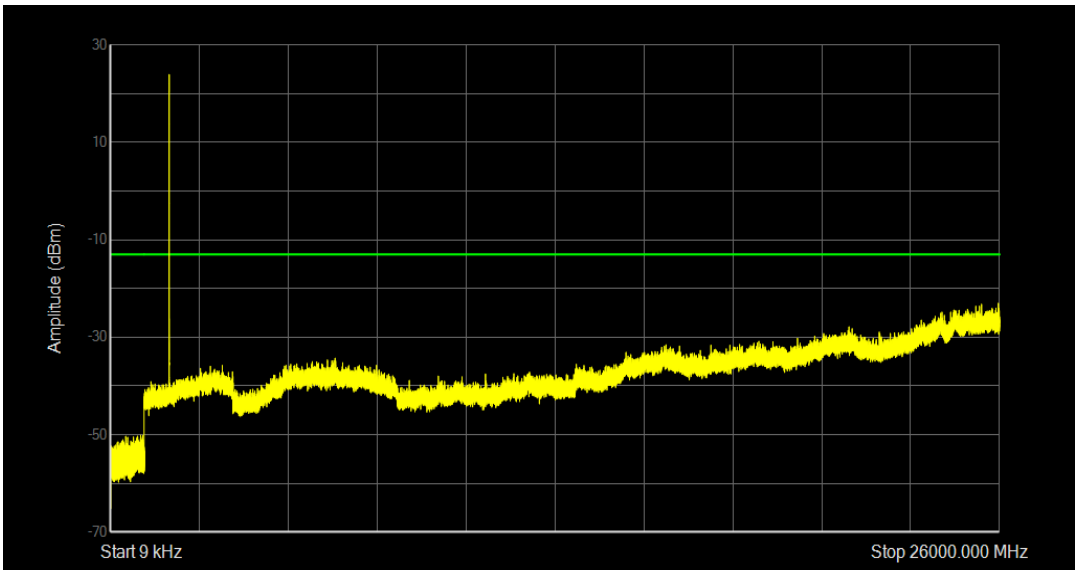
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00909165	-45.2	-13
2	0.15	30	10	6.660285	-46.67	-13
3	30	1000	100	930.42675	-49.97	-13
4	1000	26000	1000	25976.25	-22.81	-13

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



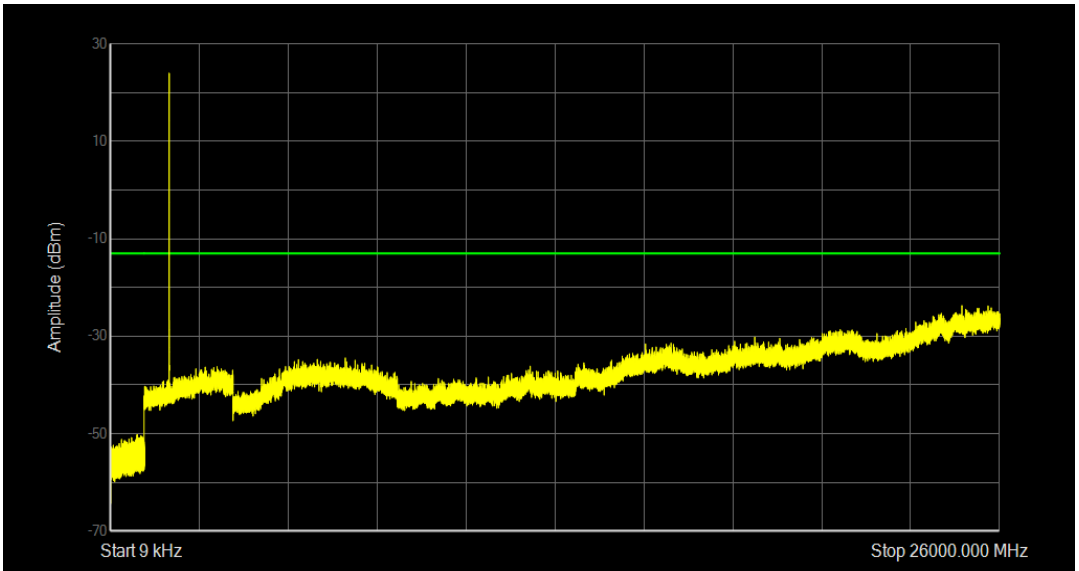
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00924675	-45.23	-13
2	0.15	30	10	6.0976125	-46.13	-13
3	30	1000	100	936.174	-49.96	-13
4	1000	26000	1000	25783.75	-23.29	-13

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



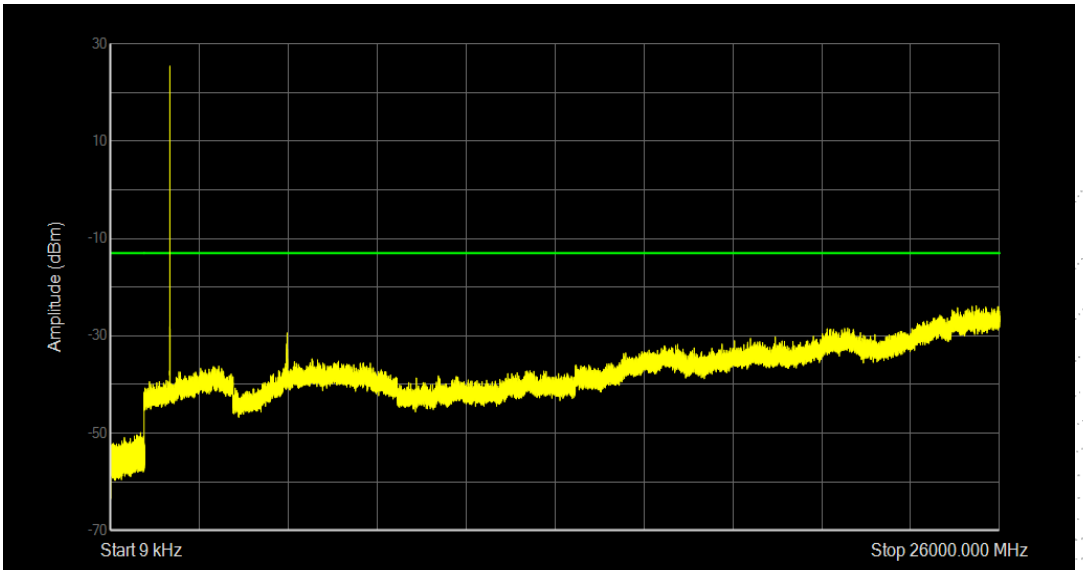
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010688475	-46.14	-13
2	0.15	30	10	6.09015	-44.81	-13
3	30	1000	100	899.896	-50.13	-13
4	1000	26000	1000	25963.75	-23.04	-13

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



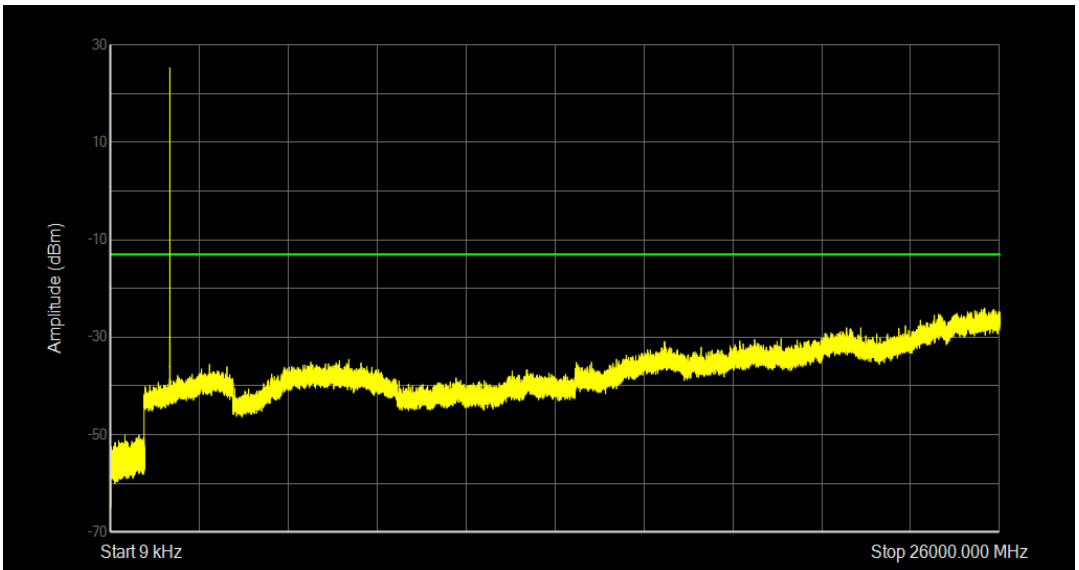
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.57	-13
2	0.15	30	10	6.66550875	-46.8	-13
3	30	1000	100	803.16275	-50.24	-13
4	1000	26000	1000	24900.625	-23.73	-13

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



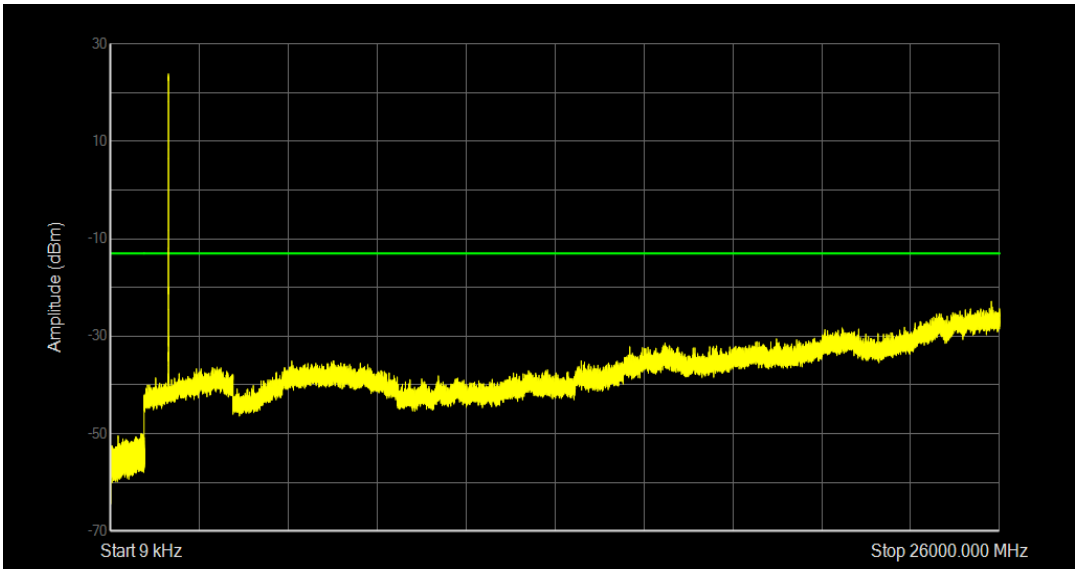
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01040295	-45.64	-13
2	0.15	30	10	6.04612125	-48.1	-13
3	30	1000	100	895.628	-49.89	-13
4	1000	26000	1000	25318.125	-23.82	-13

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



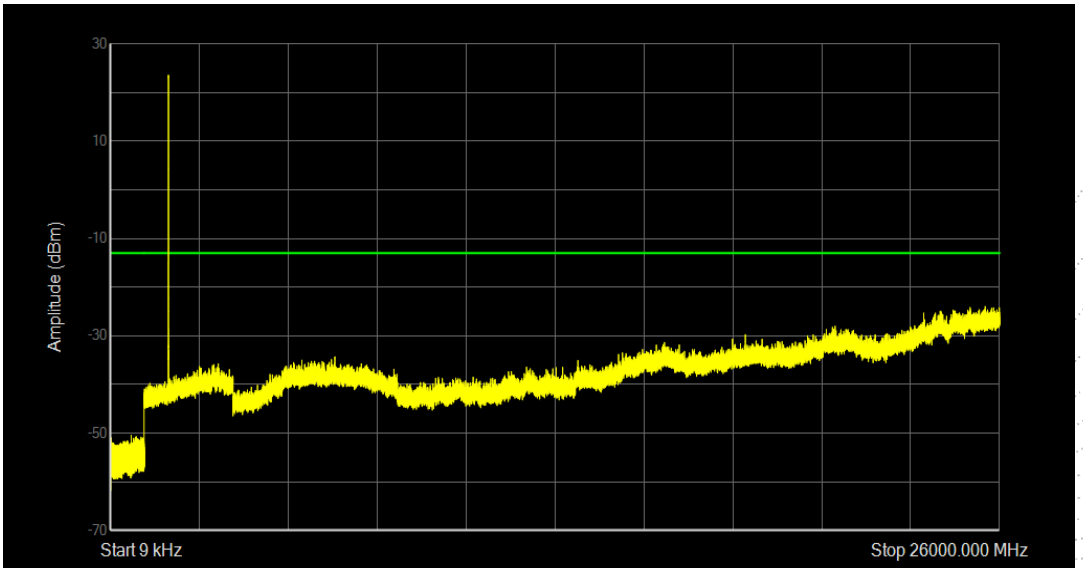
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0097755	-45.77	-13
2	0.15	30	10	6.0946275	-46.68	-13
3	30	1000	100	440.96475	-50.11	-13
4	1000	26000	1000	25566.875	-24.07	-13

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



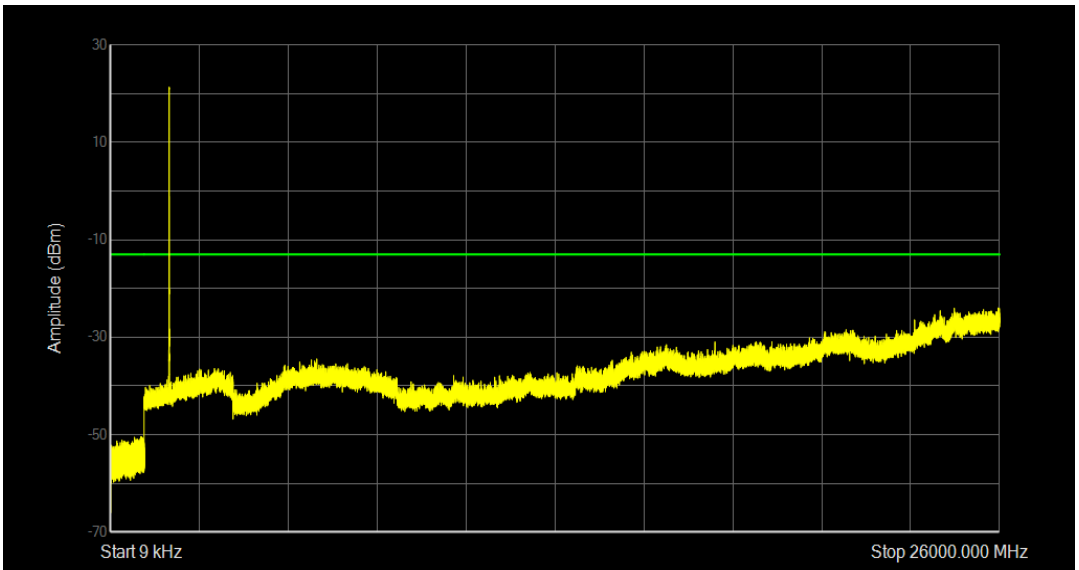
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.48	-13
2	0.15	30	10	5.95881	-47.43	-13
3	30	1000	100	919.12625	-49.97	-13
4	1000	26000	1000	25761.875	-22.83	-13

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



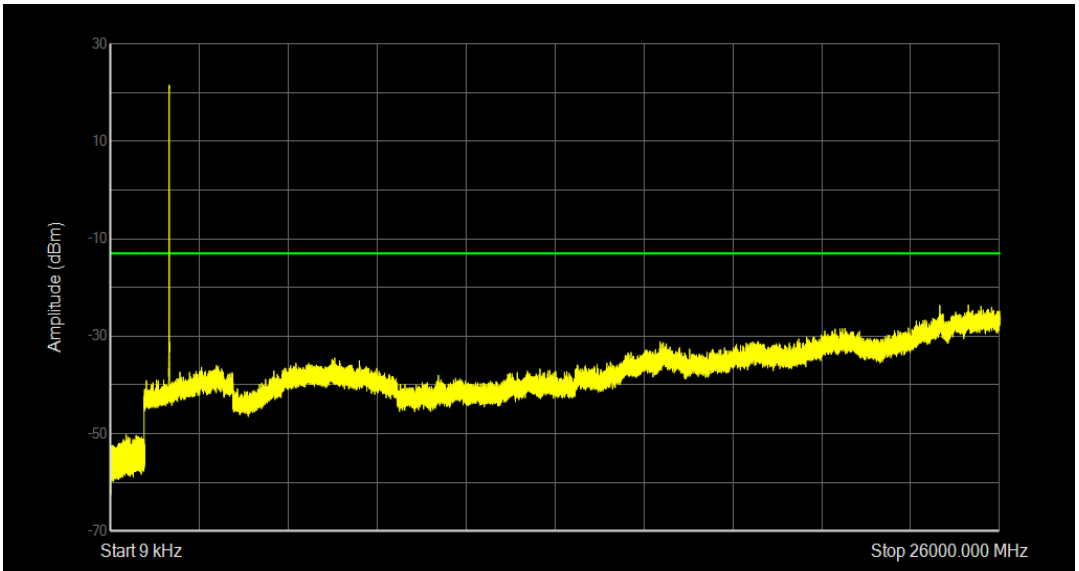
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091551	-44.97	-13
2	0.15	30	10	6.09686625	-47.97	-13
3	30	1000	100	625.21625	-50.47	-13
4	1000	26000	1000	25580.625	-23.97	-13

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



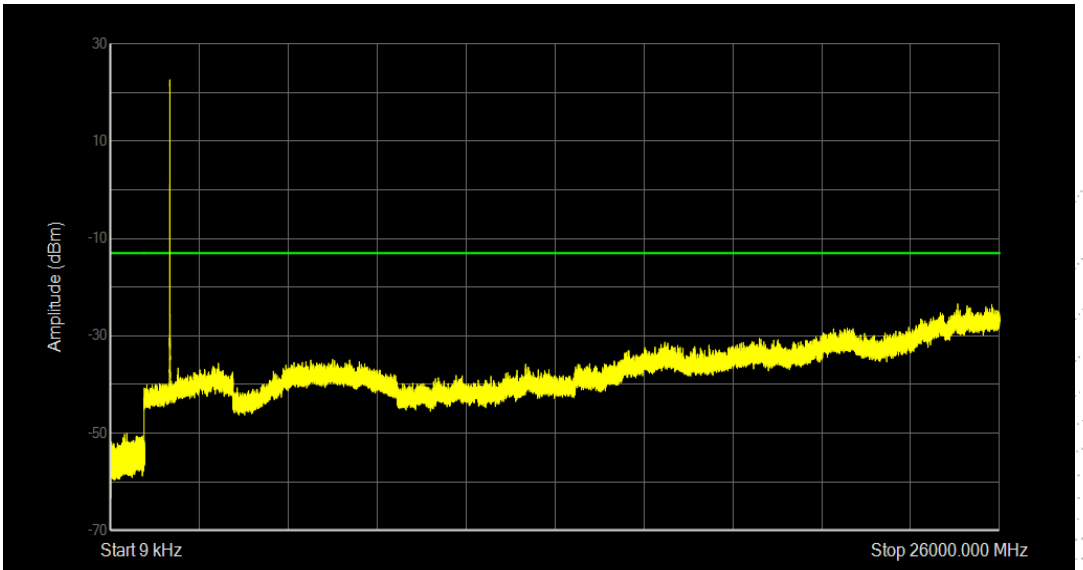
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.114661875	-45.93	-13
2	0.15	30	10	0.15373125	-46.39	-13
3	30	1000	100	904.43075	-50.44	-13
4	1000	26000	1000	25961.25	-23.99	-13

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



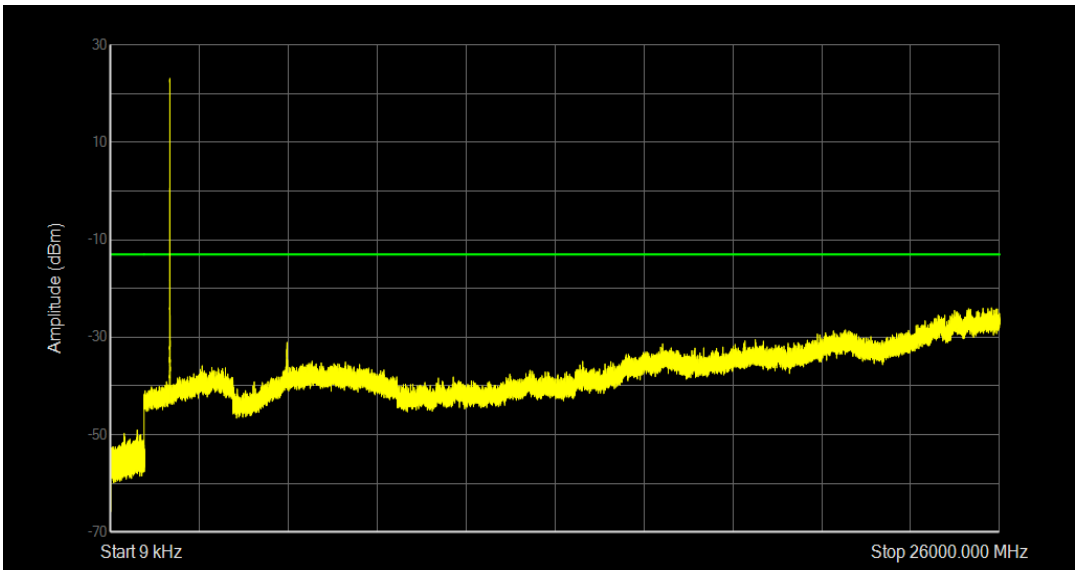
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.114697125	-45.79	-13
2	0.15	30	10	6.0916425	-47.48	-13
3	30	1000	100	476.27275	-50.21	-13
4	1000	26000	1000	25088.125	-23.59	-13

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



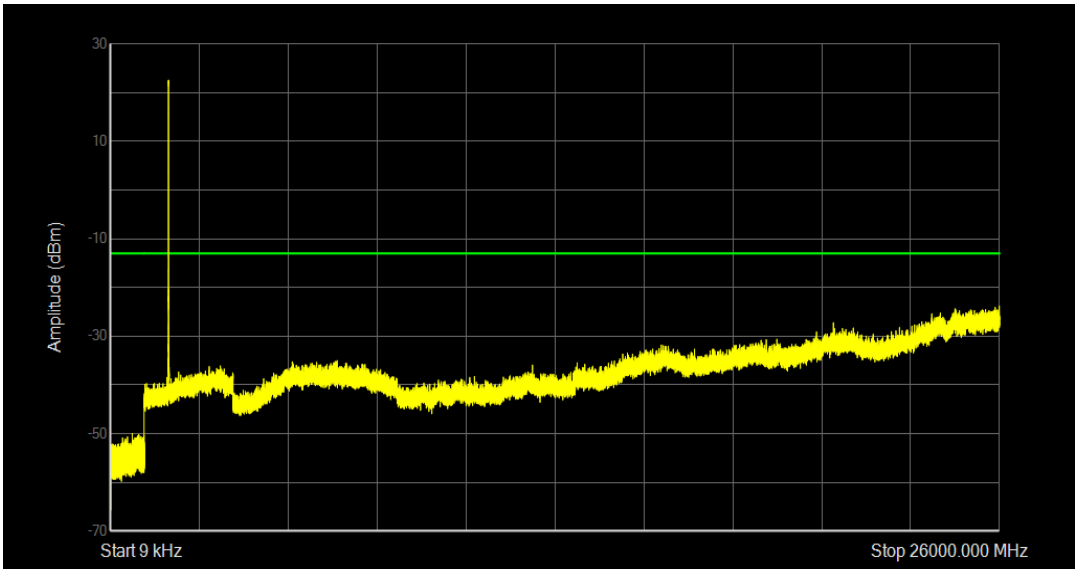
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010321875	-46.07	-13
2	0.15	30	10	6.37894875	-48.18	-13
3	30	1000	100	498.04925	-50.08	-13
4	1000	26000	1000	24777.5	-23.43	-13

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



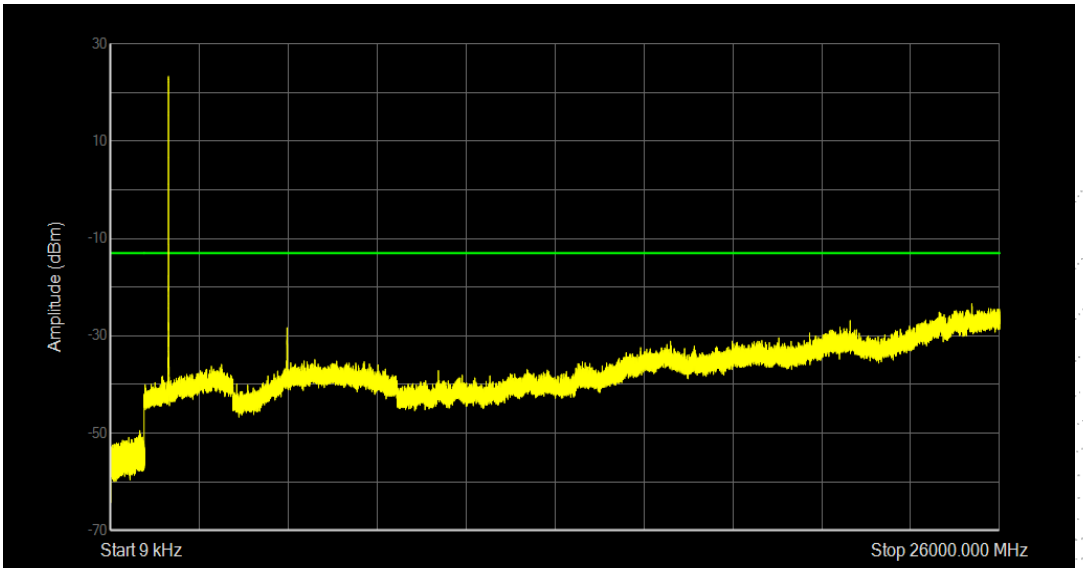
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01050165	-45.87	-13
2	0.15	30	10	6.09238875	-46.98	-13
3	30	1000	100	799.889	-49.04	-13
4	1000	26000	1000	25763.125	-23.96	-13

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



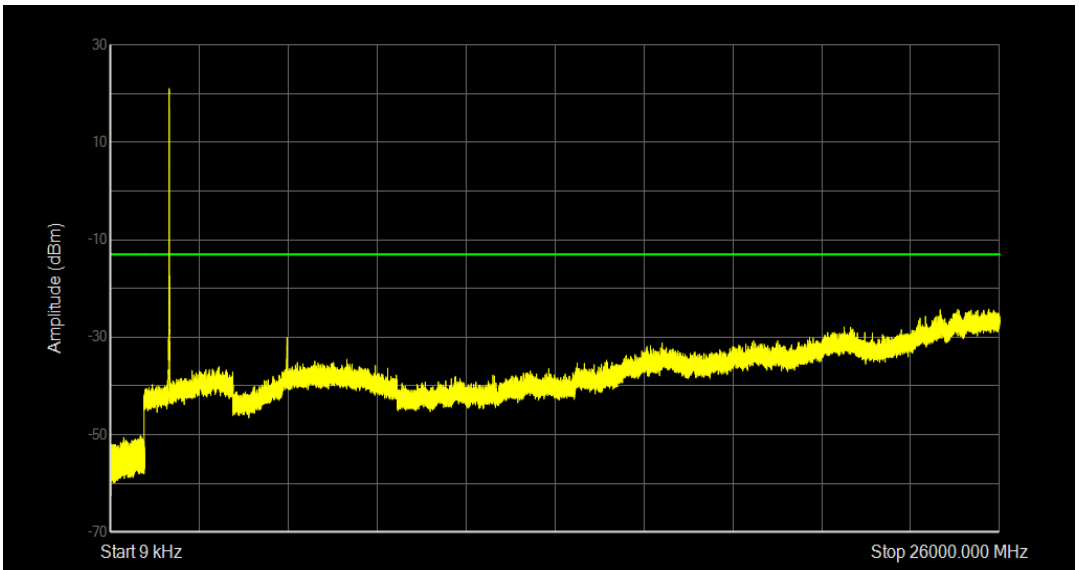
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010258425	-45.83	-13
2	0.15	30	10	6.07821	-48.08	-13
3	30	1000	100	654.55875	-49.95	-13
4	1000	26000	1000	25991.25	-23.79	-13

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



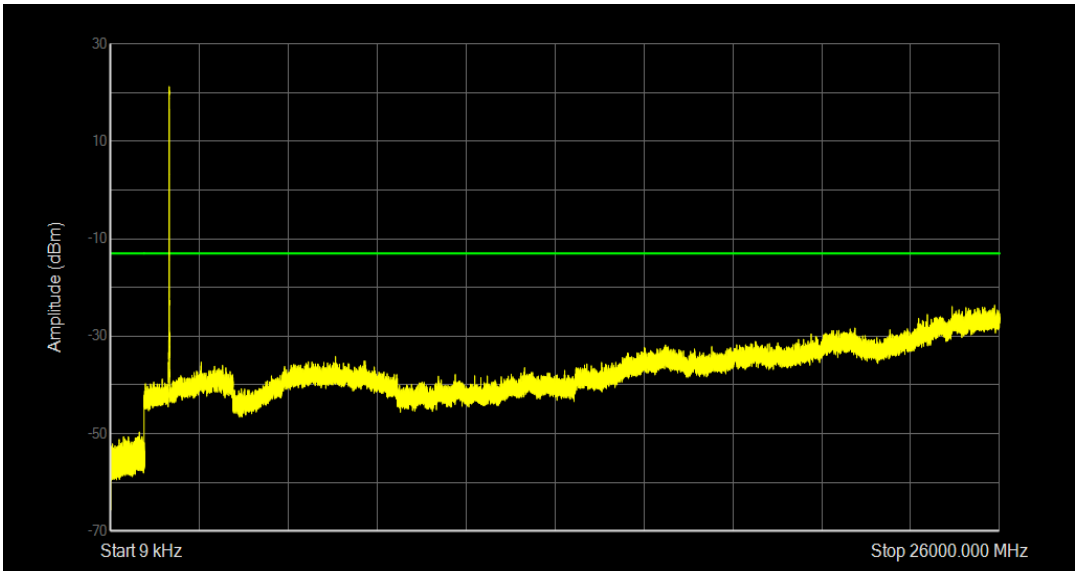
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009292575	-44.13	-13
2	0.15	30	10	0.152985	-48.15	-13
3	30	1000	100	872.17825	-49.47	-13
4	1000	26000	1000	25188.75	-23.42	-13

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



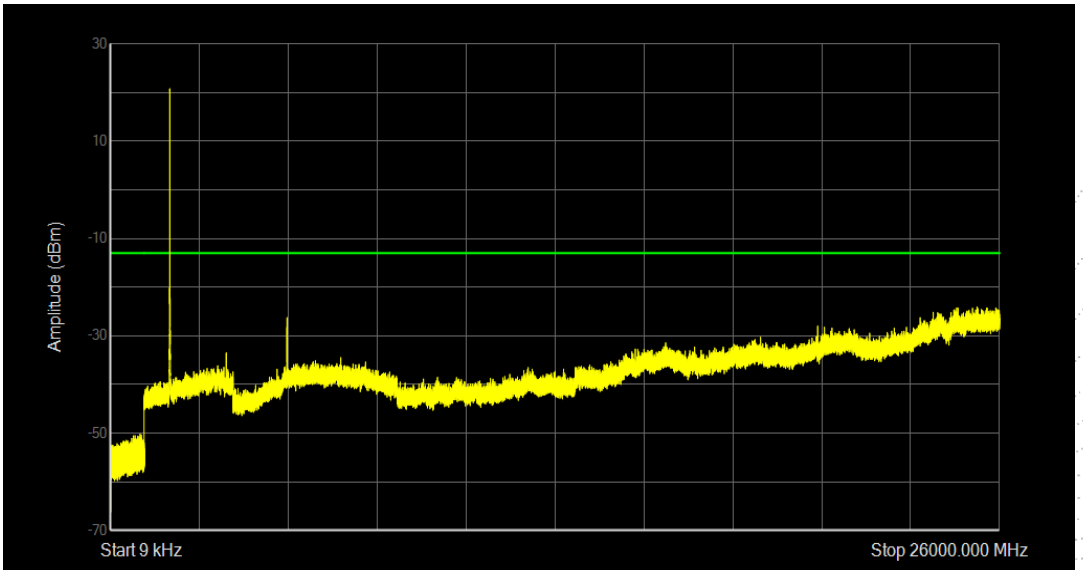
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.16	-13
2	0.15	30	10	0.17985	-48.99	-13
3	30	1000	100	892.2815	-50.24	-13
4	1000	26000	1000	25686.25	-24.25	-13

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



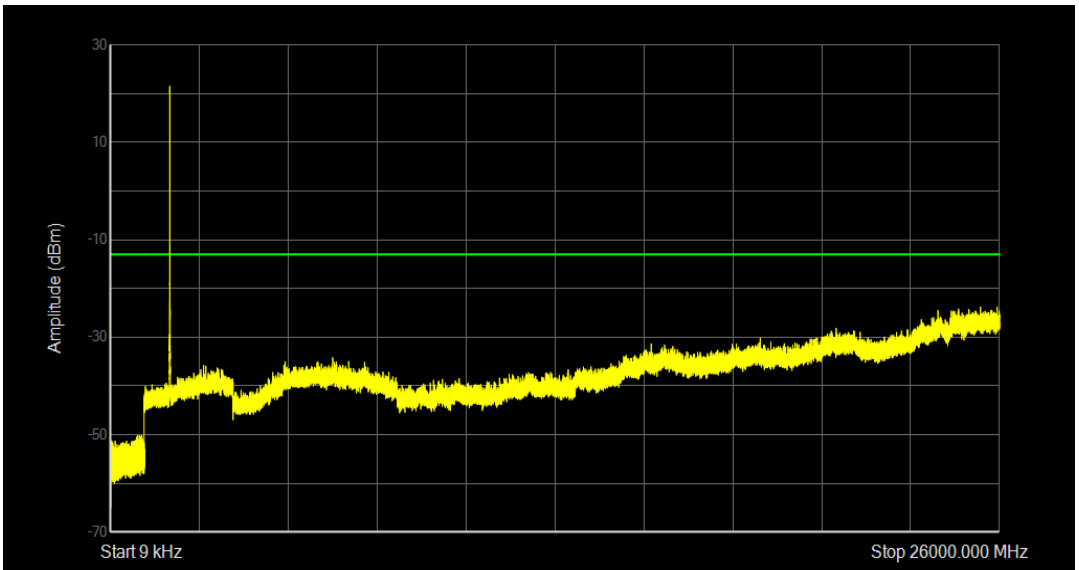
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00900705	-45.93	-13
2	0.15	30	10	6.44238	-48.94	-13
3	30	1000	100	861.50825	-49.69	-13
4	1000	26000	1000	25855.625	-23.65	-13

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



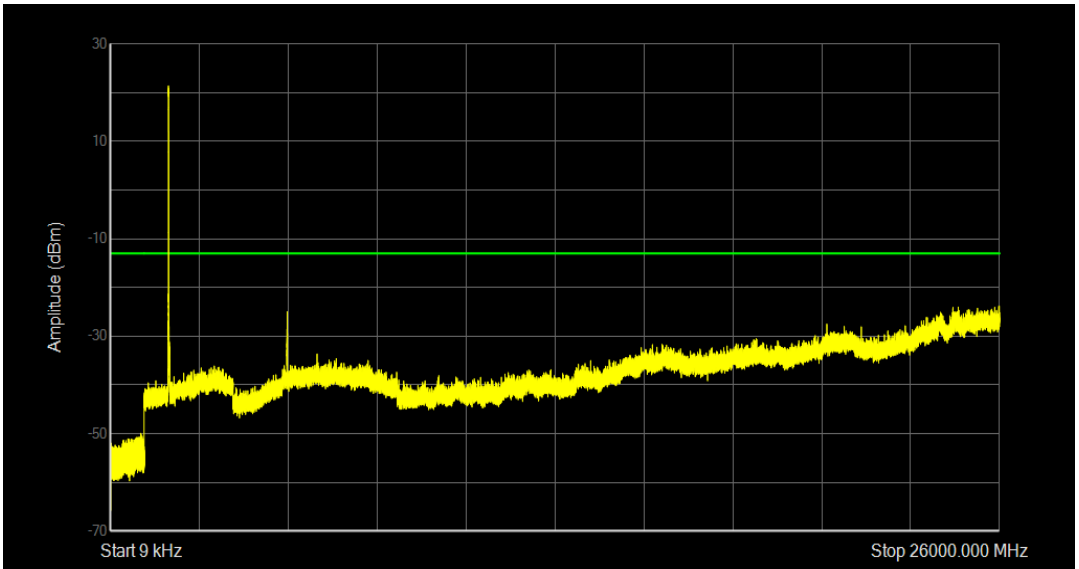
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010018725	-43.26	-13
2	0.15	30	10	6.64759875	-48.06	-13
3	30	1000	100	885.055	-50.22	-13
4	1000	26000	1000	25341.25	-24.06	-13

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



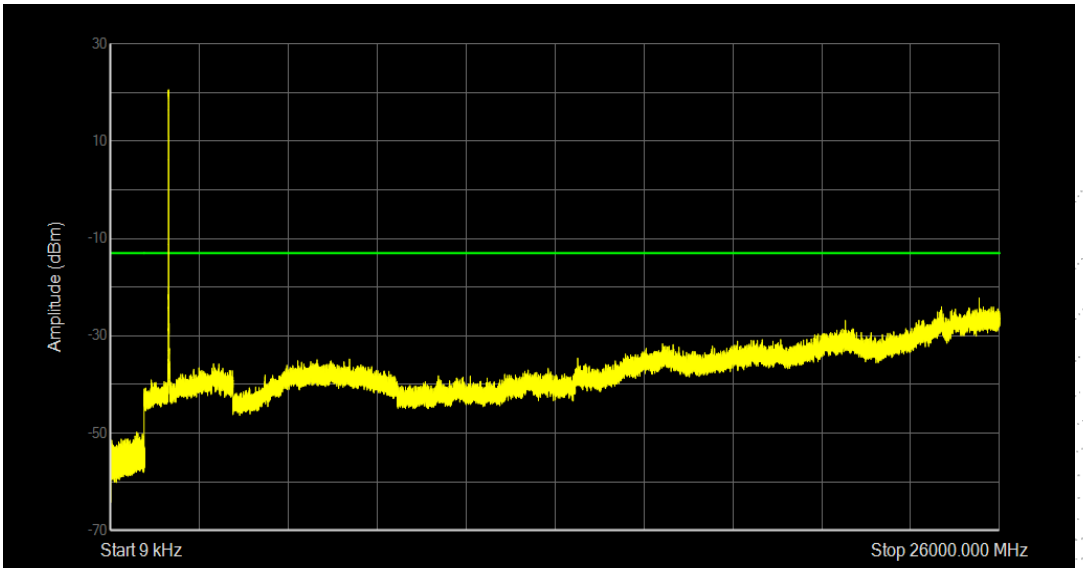
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.115818075	-45.85	-13
2	0.15	30	10	0.15820875	-48.09	-13
3	30	1000	100	934.1855	-50.12	-13
4	1000	26000	1000	25443.75	-23.78	-13

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



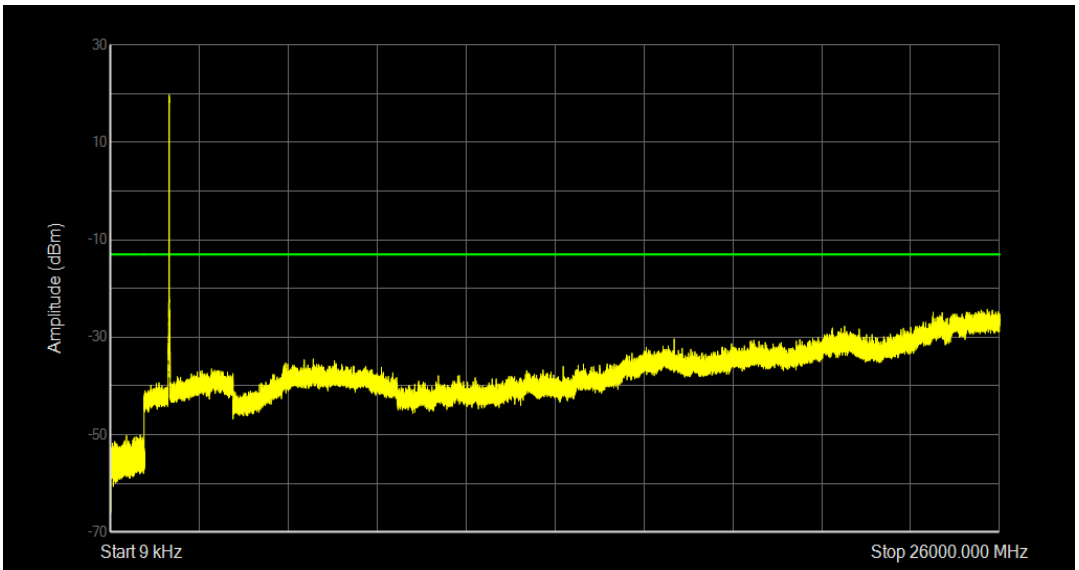
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095358	-45.58	-13
2	0.15	30	10	6.1035825	-47.72	-13
3	30	1000	100	904.6975	-49.93	-13
4	1000	26000	1000	25990.625	-23.79	-13

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



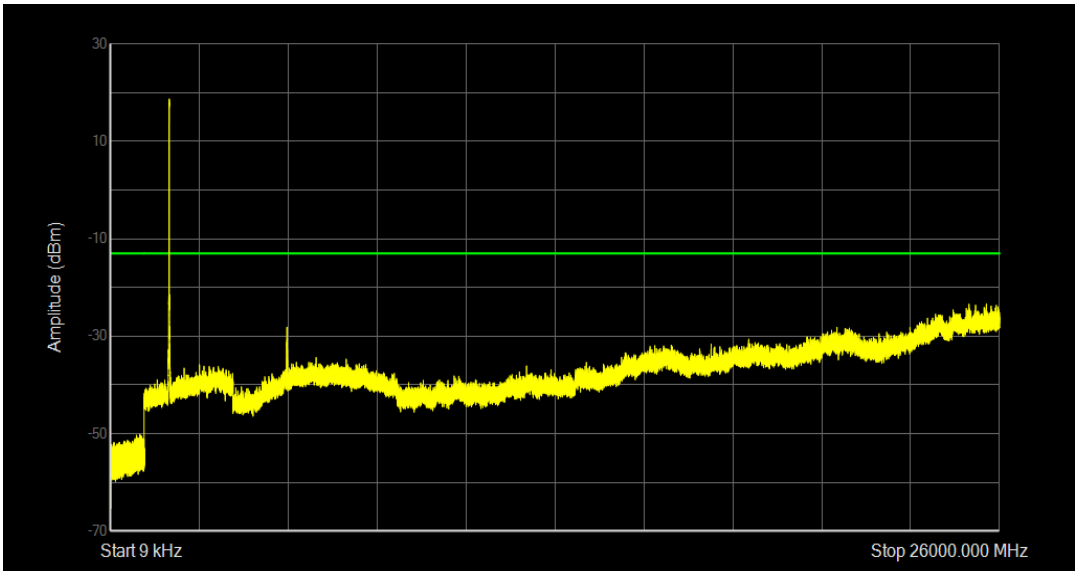
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.87	-13
2	0.15	30	10	6.6408825	-48.54	-13
3	30	1000	100	787.10925	-49.79	-13
4	1000	26000	1000	25403.75	-22.23	-13

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



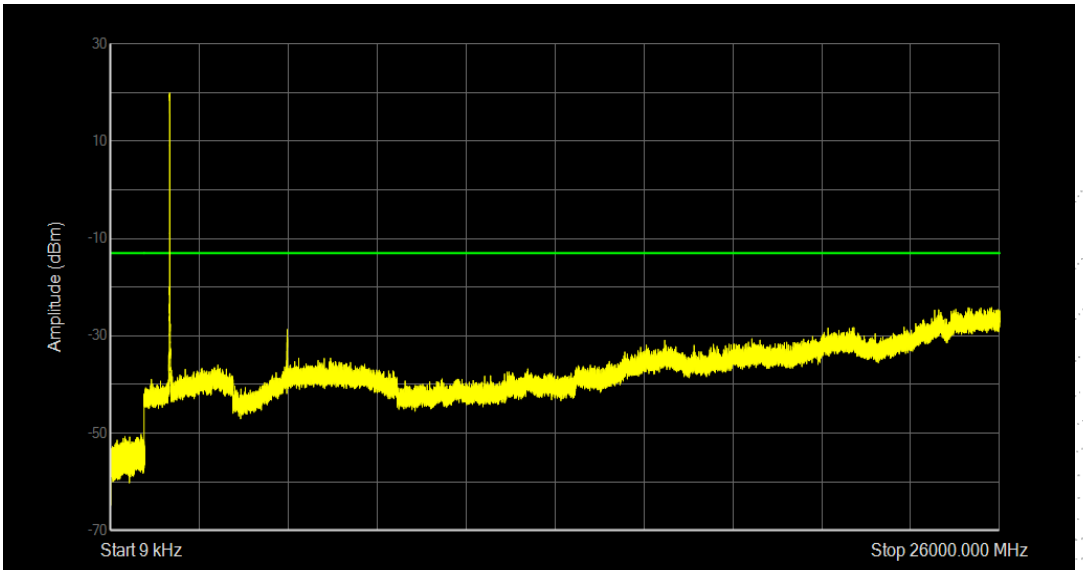
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009807225	-43.88	-13
2	0.15	30	10	6.68043375	-48.63	-13
3	30	1000	100	890.2445	-50.12	-13
4	1000	26000	1000	25643.125	-24.3	-13

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



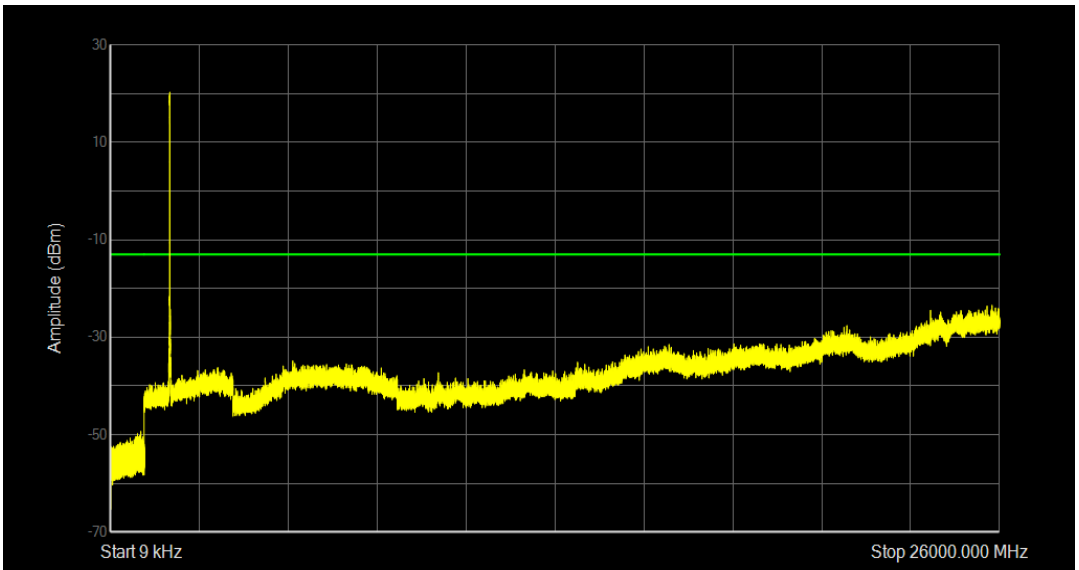
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009193875	-46.04	-13
2	0.15	30	10	0.2350725	-49.57	-13
3	30	1000	100	877.78	-50.16	-13
4	1000	26000	1000	25615	-23.39	-13

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



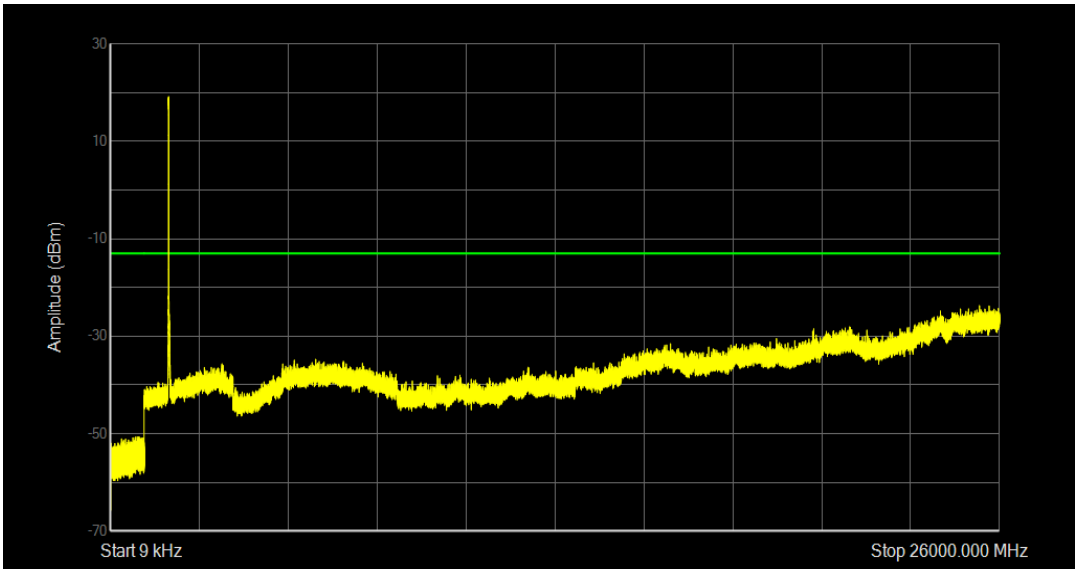
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091833	-44.59	-13
2	0.15	30	10	0.16119375	-48.56	-13
3	30	1000	100	913.64575	-50.25	-13
4	1000	26000	1000	25765.625	-24.18	-13

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



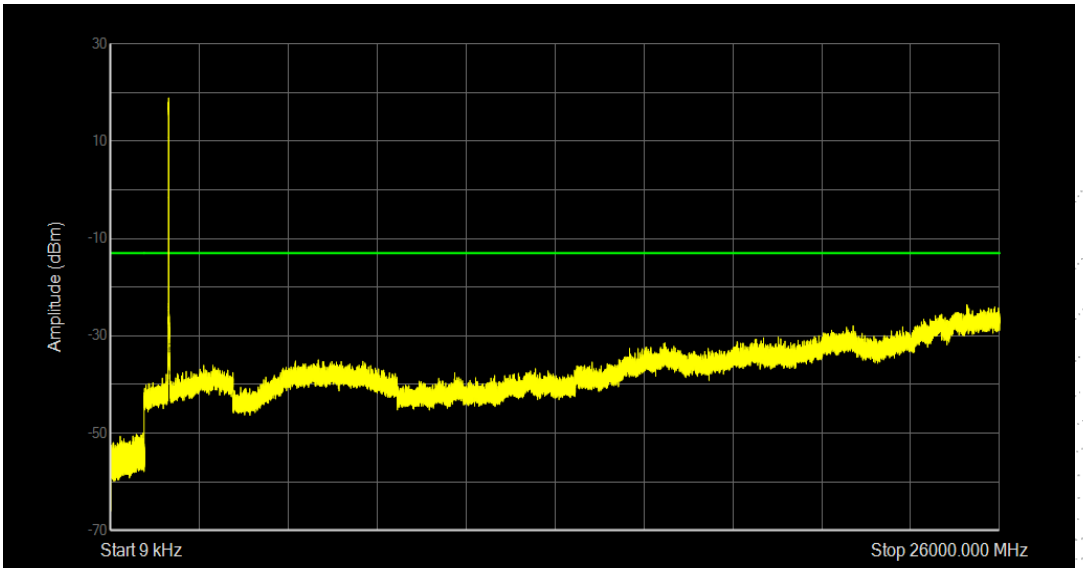
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00983895	-45.06	-13
2	0.15	30	10	6.1125375	-49.33	-13
3	30	1000	100	905.619	-49.34	-13
4	1000	26000	1000	25778.75	-23.46	-13

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



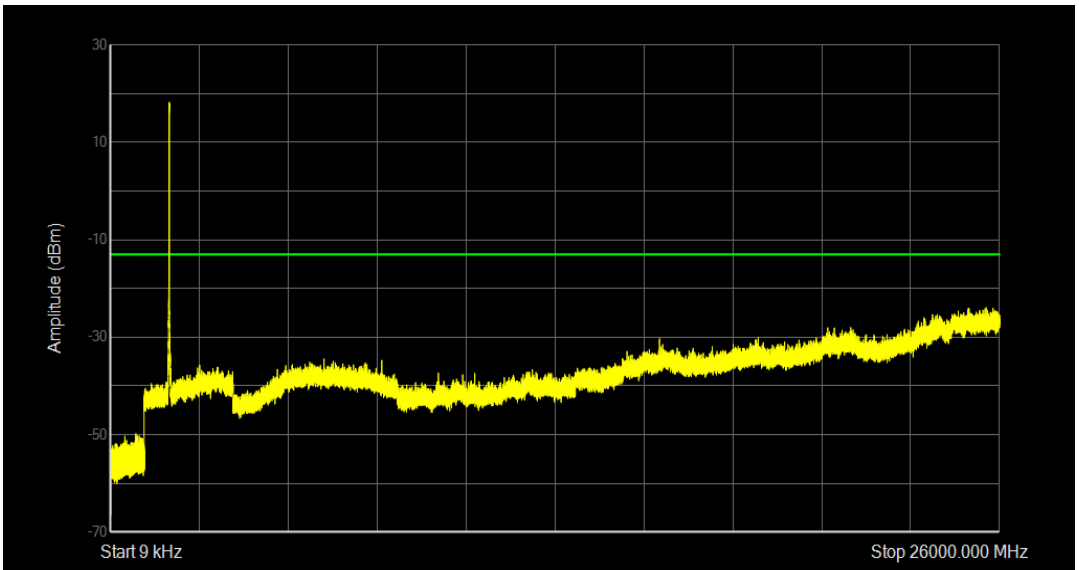
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11574405	-45.66	-13
2	0.15	30	10	0.1604475	-48.4	-13
3	30	1000	100	758.7125	-50.67	-13
4	1000	26000	1000	25413.125	-23.73	-13

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



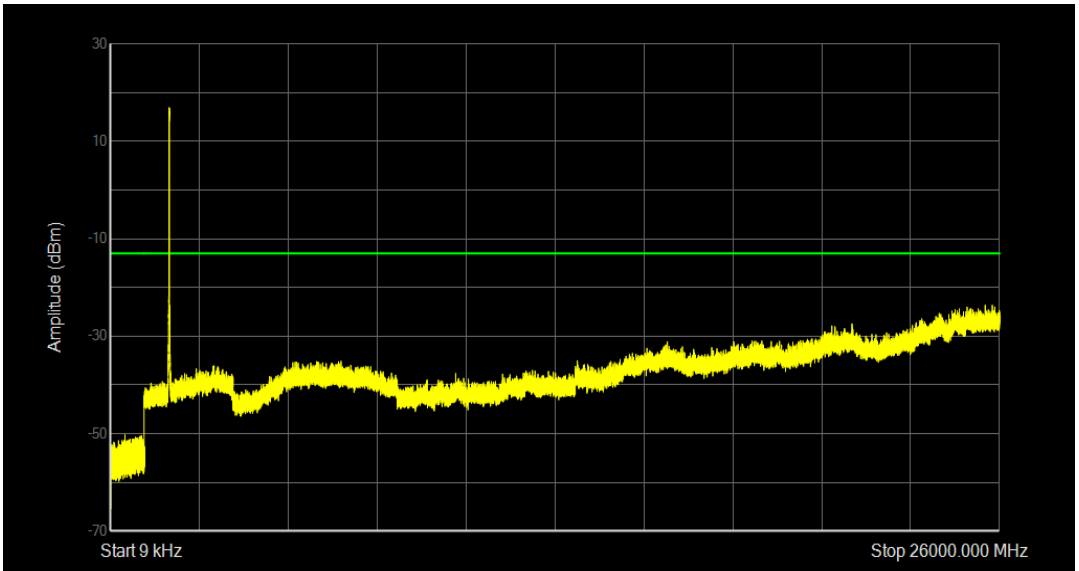
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010216125	-44.82	-13
2	0.15	30	10	0.1514925	-48.17	-13
3	30	1000	100	971.99125	-49.98	-13
4	1000	26000	1000	25044.375	-23.65	-13

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



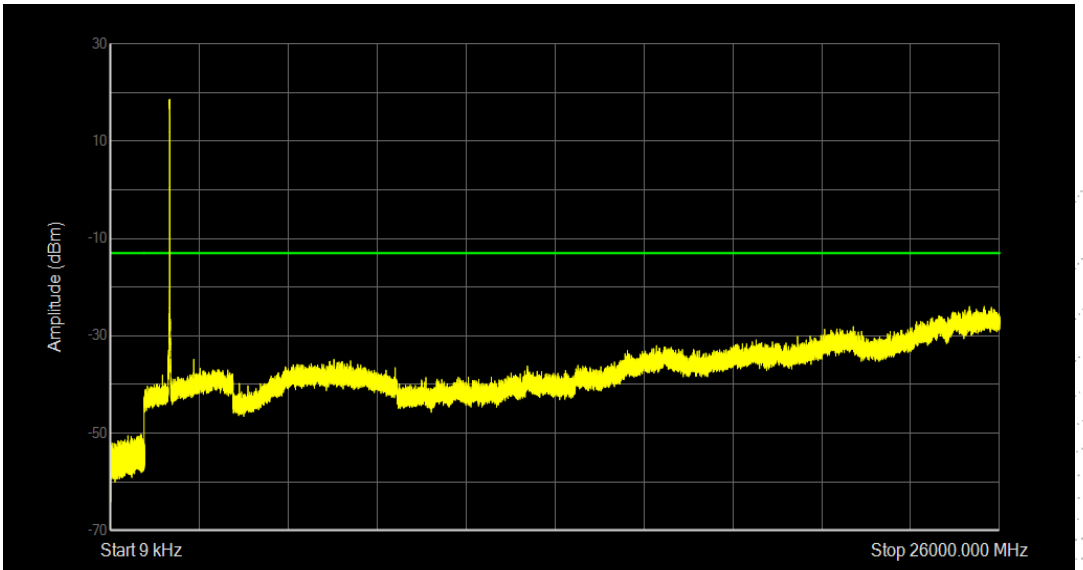
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.115232925	-46.05	-13
2	0.15	30	10	0.15	-48.48	-13
3	30	1000	100	759.343	-49.8	-13
4	1000	26000	1000	25606.25	-23.93	-13

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



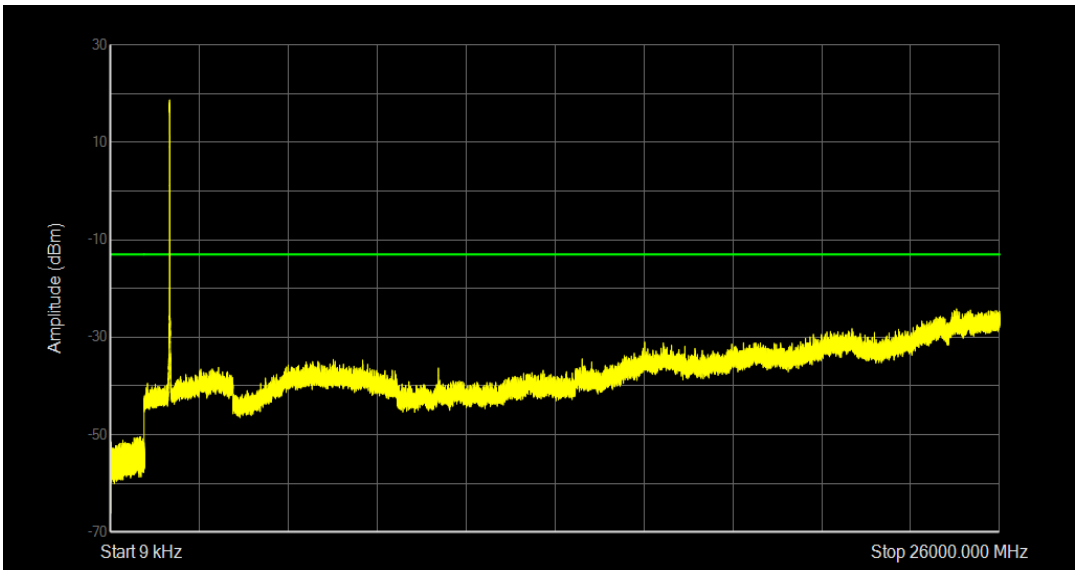
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009602775	-45.32	-13
2	0.15	30	10	0.15	-48.32	-13
3	30	1000	100	440.18875	-50.27	-13
4	1000	26000	1000	25580.625	-23.64	-13

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



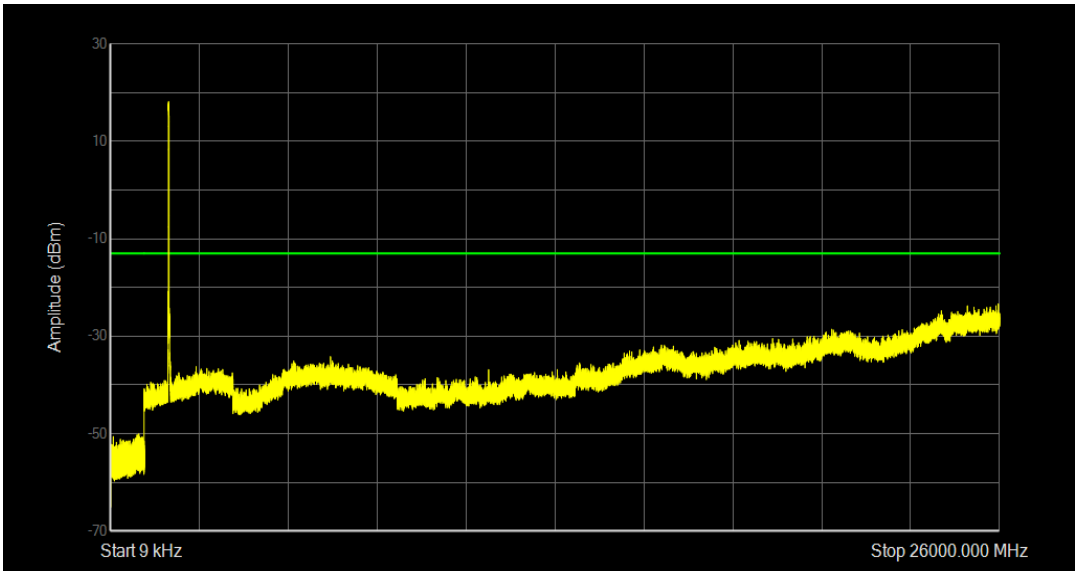
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010653225	-44.45	-13
2	0.15	30	10	6.44909625	-47.86	-13
3	30	1000	100	899.9445	-50.3	-13
4	1000	26000	1000	25551.25	-23.96	-13

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



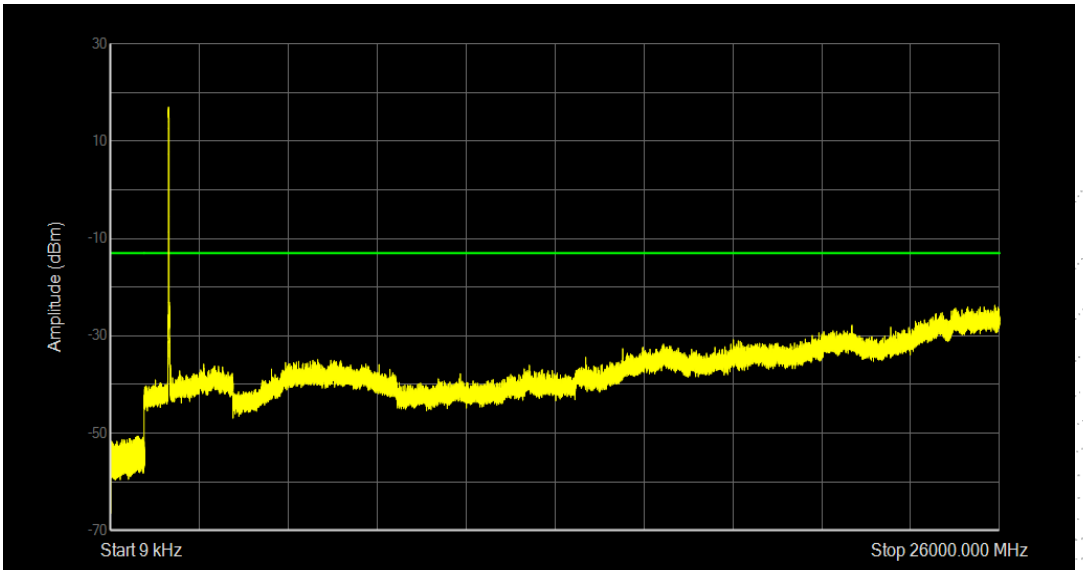
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11482755	-46.31	-13
2	0.15	30	10	0.1514925	-48.75	-13
3	30	1000	100	895.99175	-50.45	-13
4	1000	26000	1000	24744.375	-24.18	-13

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



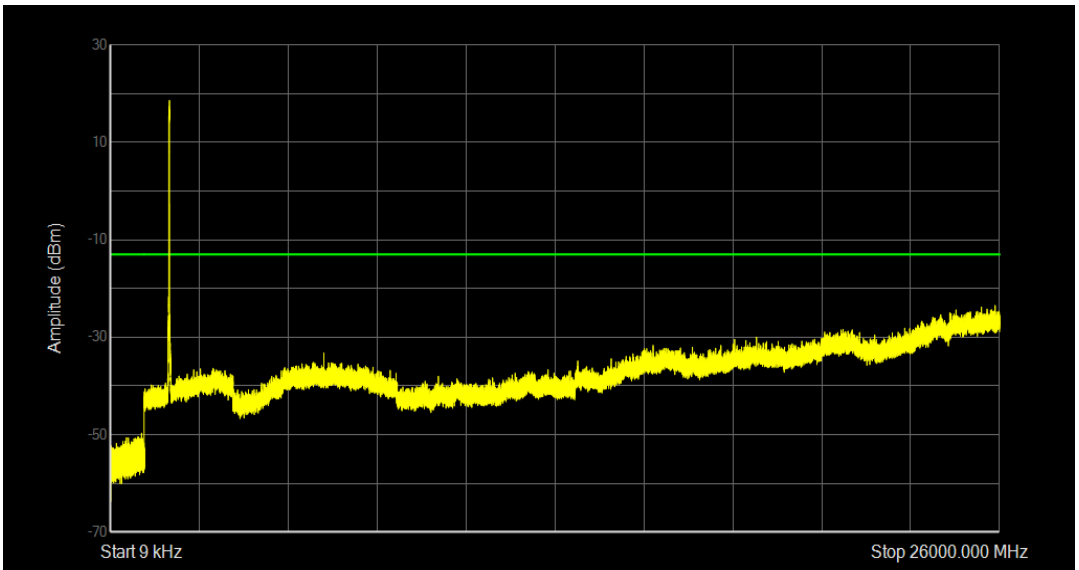
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009525225	-44.73	-13
2	0.15	30	10	0.15671625	-48.02	-13
3	30	1000	100	847.322	-50.07	-13
4	1000	26000	1000	25962.5	-23.4	-13

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



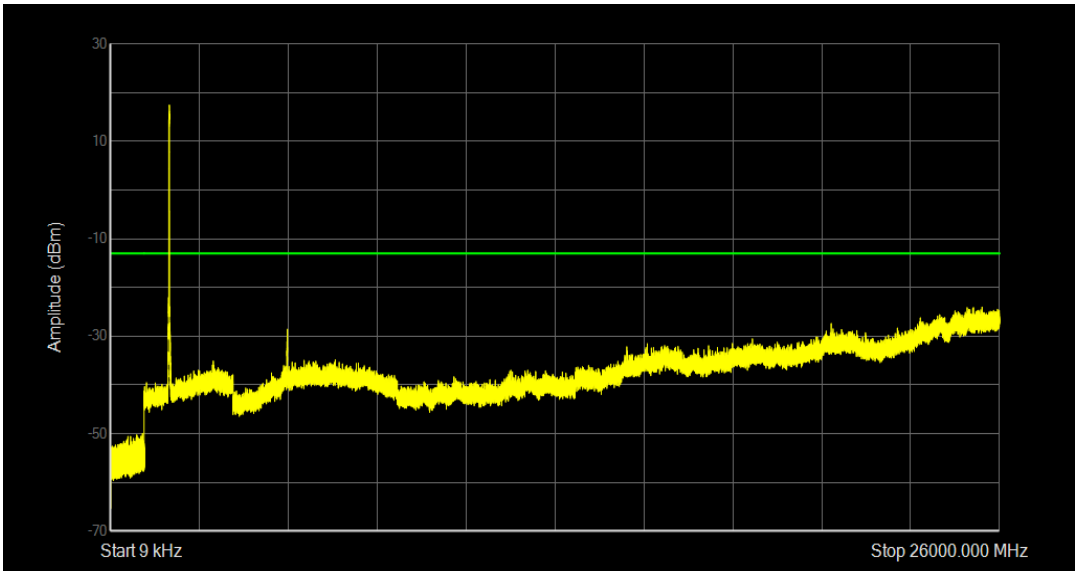
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0093525	-45.97	-13
2	0.15	30	10	0.15820875	-48.74	-13
3	30	1000	100	822.975	-50.61	-13
4	1000	26000	1000	25860	-23.72	-13

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



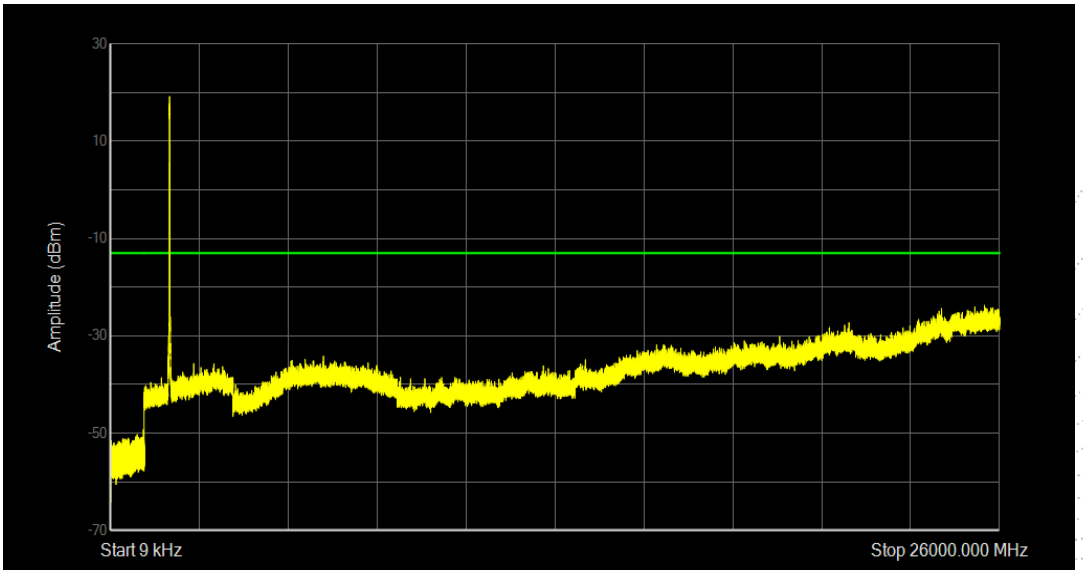
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011174925	-45.84	-13
2	0.15	30	10	6.10432875	-48.42	-13
3	30	1000	100	926.64375	-49.7	-13
4	1000	26000	1000	25869.375	-23.5	-13

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



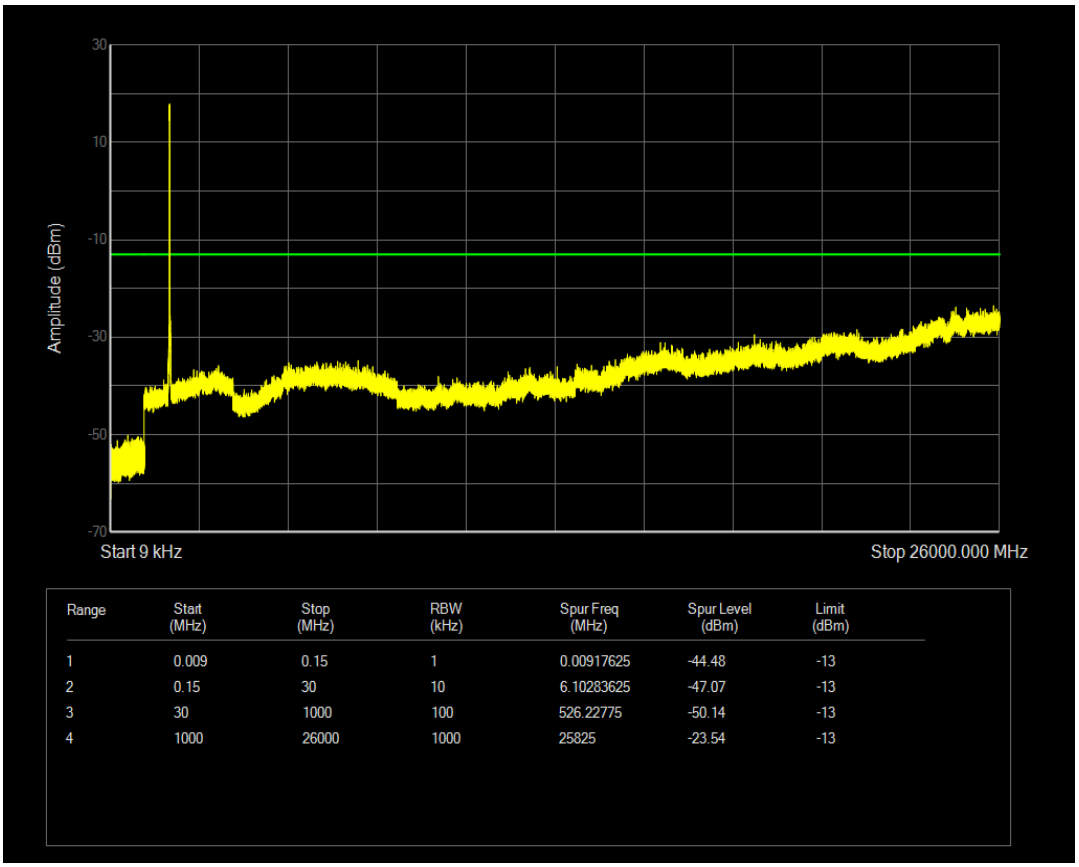
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11687205	-45.97	-13
2	0.15	30	10	0.15	-48.39	-13
3	30	1000	100	955.88925	-49.96	-13
4	1000	26000	1000	25488.125	-24.03	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.114478575	-45.49	-13
2	0.15	30	10	0.15522375	-48.97	-13
3	30	1000	100	980.67275	-49.29	-13
4	1000	26000	1000	25556.875	-23.73	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00917625	-44.48	-13
2	0.15	30	10	6.10283625	-47.07	-13
3	30	1000	100	526.22775	-50.14	-13
4	1000	26000	1000	25825	-23.54	-13

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