Appendix for Band 4

Report No.:	BCTC2506974006-5E
Applicant:	Shenzhen Tianruixiang Communication Equipment Co.,LTD
Product Name:	Smart Phone
Test Model:	Panther 2
Tested Date:	2025-06-05 to 2025-07-08

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	22.48	0.21	22.69	PASS
NVNT	Band4	1.4	19957	1	#Mid	QPSK	22.55	0.21	22.76	PASS
NVNT	Band4	1.4	19957	1	#Max	QPSK	22.51	0.21	22.72	PASS
NVNT	Band4	1.4	19957	3	#0	QPSK	22.40	0.21	22.61	PASS
NVNT	Band4	1.4	19957	3	#Mid	QPSK	22.37	0.21	22.58	PASS
NVNT	Band4	1.4	19957	3	#Max	QPSK	22.39	0.21	22.60	PASS
NVNT	Band4	1.4	19957	6	#0	QPSK	21.42	0.21	21.63	PASS
NVNT	Band4	1.4	19957	1	#0	16QAM	22.32	0.21	22.53	PASS
NVNT	Band4	1.4	19957	1	#Mid	16QAM	22.35	0.21	22.56	PASS
NVNT	Band4	1.4	19957	1	#Max	16QAM	22.30	0.21	22.51	PASS
NVNT	Band4	1.4	19957	3	#0	16QAM	21.61	0.21	21.82	PASS
NVNT	Band4	1.4	19957	3	#Mid	16QAM	21.61	0.21	21.82	PASS
NVNT	Band4	1.4	19957	3	#Max	16QAM	21.58	0.21	21.79	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	20.53	0.21	20.74	PASS
NVNT	Band4	1.4	20175	1	#0	QPSK	22.60	0.21	22.81	PASS
NVNT	Band4	1.4	20175	1	#Mid	QPSK	22.67	0.21	22.88	PASS
NVNT	Band4	1.4	20175	1	#Max	QPSK	22.63	0.21	22.84	PASS
NVNT	Band4	1.4	20175	3	#0	QPSK	22.50	0.21	22.71	PASS
NVNT	Band4	1.4	20175	3	#Mid	QPSK	22.50	0.21	22.71	PASS
NVNT	Band4	1.4	20175	3	#Max	QPSK	22.56	0.21	22.77	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	21.46	0.21	21.67	PASS
NVNT	Band4	1.4	20175	1	#0	16QAM	21.53	0.21	21.74	PASS
NVNT	Band4	1.4	20175	1	#Mid	16QAM	21.52	0.21	21.73	PASS
NVNT	Band4	1.4	20175	1	#Max	16QAM	21.47	0.21	21.68	PASS
NVNT	Band4	1.4	20175	3	#0	16QAM	21.49	0.21	21.70	PASS
NVNT	Band4	1.4	20175	3	#Mid	16QAM	21.47	0.21	21.68	PASS
NVNT	Band4	1.4	20175	3	#Max	16QAM	21.40	0.21	21.61	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	20.74	0.21	20.95	PASS
NVNT	Band4	1.4	20393	1	#0	QPSK	22.52	0.21	22.73	PASS
NVNT	Band4	1.4	20393	1	#Mid	QPSK	22.47	0.21	22.68	PASS
NVNT	Band4	1.4	20393	1	#Max	QPSK	22.55	0.21	22.76	PASS
NVNT	Band4	1.4	20393	3	#0	QPSK	22.32	0.21	22.53	PASS
NVNT	Band4	1.4	20393	3	#Mid	QPSK	22.39	0.21	22.60	PASS
NVNT	Band4	1.4	20393	3	#Max	QPSK	22.33	0.21	22.54	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	21.38	0.21	21.59	PASS

NVNT	Band4	1.4	20393	1	#0	16QAM	21.03	0.21	21.24	PASS
NVNT	Band4	1.4	20393	1	#Mid	16QAM	21.03	0.21	21.24	PASS
NVNT	Band4	1.4	20393	1	#Max	16QAM	21.02	0.21	21.23	PASS
NVNT	Band4	1.4	20393	3	#0	16QAM	21.35	0.21	21.56	PASS
NVNT	Band4	1.4	20393	3	#Mid	16QAM	21.28	0.21	21.49	PASS
NVNT	Band4	1.4	20393	3	#Max	16QAM	21.30	0.21	21.51	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	20.44	0.21	20.65	PASS
NVNT	Band4	3	19965	1	#0	QPSK	22.40	0.21	22.61	PASS
NVNT	Band4	3	19965	1	#Mid	QPSK	22.43	0.21	22.64	PASS
NVNT	Band4	3	19965	1	#Max	QPSK	22.30	0.21	22.51	PASS
NVNT	Band4	3	19965	8	#0	QPSK	21.40	0.21	21.61	PASS
NVNT	Band4	3	19965	8	#Mid	QPSK	21.34	0.21	21.55	PASS
NVNT	Band4	3	19965	8	#Max	QPSK	21.33	0.21	21.54	PASS
NVNT	Band4	3	19965	15	#0	QPSK	21.42	0.21	21.63	PASS
NVNT	Band4	3	19965	1	#0	16QAM	22.59	0.21	22.80	PASS
NVNT	Band4	3	19965	1	#Mid	16QAM	22.47	0.21	22.68	PASS
NVNT	Band4	3	19965	1	#Max	16QAM	22.40	0.21	22.61	PASS
NVNT	Band4	3	19965	8	#0	16QAM	20.30	0.21	20.51	PASS
NVNT	Band4	3	19965	8	#Mid	16QAM	20.30	0.21	20.51	PASS
NVNT	Band4	3	19965	8	#Max	16QAM	20.17	0.21	20.38	PASS
NVNT	Band4	3	19965	15	#0	16QAM	20.50	0.21	20.71	PASS
NVNT	Band4	3	20175	1	#0	QPSK	22.73	0.21	22.94	PASS
NVNT	Band4	3	20175	1	#Mid	QPSK	22.67	0.21	22.88	PASS
NVNT	Band4	3	20175	1	#Max	QPSK	22.66	0.21	22.87	PASS
NVNT	Band4	3	20175	8	#0	QPSK	21.45	0.21	21.66	PASS
NVNT	Band4	3	20175	8	#Mid	QPSK	21.48	0.21	21.69	PASS
NVNT	Band4	3	20175	8	#Max	QPSK	21.50	0.21	21.71	PASS
NVNT	Band4	3	20175	15	#0	QPSK	21.49	0.21	21.70	PASS
NVNT	Band4	3	20175	1	#0	16QAM	21.42	0.21	21.63	PASS
NVNT	Band4	3	20175	1	#Mid	16QAM	21.54	0.21	21.75	PASS
NVNT	Band4	3	20175	1	#Max	16QAM	21.47	0.21	21.68	PASS
NVNT	Band4	3	20175	8	#0	16QAM	20.55	0.21	20.76	PASS
NVNT	Band4	3	20175	8	#Mid	16QAM	20.56	0.21	20.77	PASS
NVNT	Band4	3	20175	8	#Max	16QAM	20.57	0.21	20.78	PASS
NVNT	Band4	3	20175	15	#0	16QAM	20.48	0.21	20.69	PASS
NVNT	Band4	3	20385	1	#0	QPSK	22.65	0.21	22.86	PASS
NVNT	Band4	3	20385	1	#Mid	QPSK	22.50	0.21	22.71	PASS
NVNT	Band4	3	20385	1	#Max	QPSK	22.58	0.21	22.79	PASS
NVNT	Band4	3	20385	8	#0	QPSK	21.38	0.21	21.59	PASS
NVNT	Band4	3	20385	8	#Mid	QPSK	21.41	0.21	21.62	PASS
NVNT	Band4	3	20385	8	#Max	QPSK	21.39	0.21	21.60	PASS
NVNT	Band4	3	20385	15	#0	QPSK	21.40	0.21	21.61	PASS

NVNT	Band4	3	20385	1	#0	16QAM	21.05	0.21	21.26	PASS
NVNT	Band4	3	20385	1	#Mid	16QAM	21.04	0.21	21.25	PASS
NVNT	Band4	3	20385	1	#Max	16QAM	21.02	0.21	21.23	PASS
NVNT	Band4	3	20385	8	#0	16QAM	20.56	0.21	20.77	PASS
NVNT	Band4	3	20385	8	#Mid	16QAM	20.59	0.21	20.80	PASS
NVNT	Band4	3	20385	8	#Max	16QAM	20.57	0.21	20.78	PASS
NVNT	Band4	3	20385	15	#0	16QAM	20.45	0.21	20.66	PASS
NVNT	Band4	5	19975	1	#0	QPSK	22.32	0.21	22.53	PASS
NVNT	Band4	5	19975	1	#Mid	QPSK	22.27	0.21	22.48	PASS
NVNT	Band4	5	19975	1	#Max	QPSK	22.28	0.21	22.49	PASS
NVNT	Band4	5	19975	12	#0	QPSK	21.44	0.21	21.65	PASS
NVNT	Band4	5	19975	12	#Mid	QPSK	21.28	0.21	21.49	PASS
NVNT	Band4	5	19975	12	#Max	QPSK	21.28	0.21	21.49	PASS
NVNT	Band4	5	19975	25	#0	QPSK	21.25	0.21	21.46	PASS
NVNT	Band4	5	19975	1	#0	16QAM	21.50	0.21	21.71	PASS
NVNT	Band4	5	19975	1	#Mid	16QAM	21.40	0.21	21.61	PASS
NVNT	Band4	5	19975	1	#Max	16QAM	21.48	0.21	21.69	PASS
NVNT	Band4	5	19975	12	#0	16QAM	20.33	0.21	20.54	PASS
NVNT	Band4	5	19975	12	#Mid	16QAM	20.28	0.21	20.49	PASS
NVNT	Band4	5	19975	12	#Max	16QAM	20.22	0.21	20.43	PASS
NVNT	Band4	5	19975	25	#0	16QAM	20.43	0.21	20.64	PASS
NVNT	Band4	5	20175	1	#0	QPSK	22.51	0.21	22.72	PASS
NVNT	Band4	5	20175	1	#Mid	QPSK	22.50	0.21	22.71	PASS
NVNT	Band4	5	20175	1	#Max	QPSK	22.55	0.21	22.76	PASS
NVNT	Band4	5	20175	12	#0	QPSK	21.54	0.21	21.75	PASS
NVNT	Band4	5	20175	12	#Mid	QPSK	21.53	0.21	21.74	PASS
NVNT	Band4	5	20175	12	#Max	QPSK	21.55	0.21	21.76	PASS
NVNT	Band4	5	20175	25	#0	QPSK	21.51	0.21	21.72	PASS
NVNT	Band4	5	20175	1	#0	16QAM	21.50	0.21	21.71	PASS
NVNT	Band4	5	20175	1	#Mid	16QAM	21.50	0.21	21.71	PASS
NVNT	Band4	5	20175	1	#Max	16QAM	21.53	0.21	21.74	PASS
NVNT	Band4	5	20175	12	#0	16QAM	20.34	0.21	20.55	PASS
NVNT	Band4	5	20175	12	#Mid	16QAM	20.37	0.21	20.58	PASS
NVNT	Band4	5	20175	12	#Max	16QAM	20.35	0.21	20.56	PASS
NVNT	Band4	5	20175	25	#0	16QAM	20.54	0.21	20.75	PASS
NVNT	Band4	5	20375	1	#0	QPSK	22.21	0.21	22.42	PASS
NVNT	Band4	5	20375	1	#Mid	QPSK	22.26	0.21	22.47	PASS
NVNT	Band4	5	20375	1	#Max	QPSK	22.17	0.21	22.38	PASS
NVNT	Band4	5	20375	12	#0	QPSK	21.33	0.21	21.54	PASS
NVNT	Band4	5	20375	12	#Mid	QPSK	21.40	0.21	21.61	PASS
NVNT	Band4	5	20375	12	#Max	QPSK	21.39	0.21	21.60	PASS
NVNT	Band4	5	20375	25	#0	QPSK	21.40	0.21	21.61	PASS

NVNT	Band4	5	20375	1	#0	16QAM	22.00	0.21	22.21	PASS
NVNT	Band4	5	20375	1	#Mid	16QAM	22.05	0.21	22.26	PASS
NVNT	Band4	5	20375	1	#Max	16QAM	21.97	0.21	22.18	PASS
NVNT	Band4	5	20375	12	#0	16QAM	20.30	0.21	20.51	PASS
NVNT	Band4	5	20375	12	#Mid	16QAM	20.41	0.21	20.62	PASS
NVNT	Band4	5	20375	12	#Max	16QAM	20.41	0.21	20.62	PASS
NVNT	Band4	5	20375	25	#0	16QAM	20.57	0.21	20.78	PASS
NVNT	Band4	10	20000	1	#0	QPSK	22.33	0.21	22.54	PASS
NVNT	Band4	10	20000	1	#Mid	QPSK	22.19	0.21	22.40	PASS
NVNT	Band4	10	20000	1	#Max	QPSK	22.28	0.21	22.49	PASS
NVNT	Band4	10	20000	25	#0	QPSK	21.27	0.21	21.48	PASS
NVNT	Band4	10	20000	25	#Mid	QPSK	21.34	0.21	21.55	PASS
NVNT	Band4	10	20000	25	#Max	QPSK	21.40	0.21	21.61	PASS
NVNT	Band4	10	20000	50	#0	QPSK	21.33	0.21	21.54	PASS
NVNT	Band4	10	20000	1	#0	16QAM	22.47	0.21	22.68	PASS
NVNT	Band4	10	20000	1	#Mid	16QAM	22.48	0.21	22.69	PASS
NVNT	Band4	10	20000	1	#Max	16QAM	22.38	0.21	22.59	PASS
NVNT	Band4	10	20000	25	#0	16QAM	20.21	0.21	20.42	PASS
NVNT	Band4	10	20000	25	#Mid	16QAM	20.25	0.21	20.46	PASS
NVNT	Band4	10	20000	25	#Max	16QAM	20.27	0.21	20.48	PASS
NVNT	Band4	10	20000	50	#0	16QAM	20.31	0.21	20.52	PASS
NVNT	Band4	10	20175	1	#0	QPSK	22.39	0.21	22.60	PASS
NVNT	Band4	10	20175	1	#Mid	QPSK	22.44	0.21	22.65	PASS
NVNT	Band4	10	20175	1	#Max	QPSK	22.39	0.21	22.60	PASS
NVNT	Band4	10	20175	25	#0	QPSK	21.49	0.21	21.70	PASS
NVNT	Band4	10	20175	25	#Mid	QPSK	21.55	0.21	21.76	PASS
NVNT	Band4	10	20175	25	#Max	QPSK	21.46	0.21	21.67	PASS
NVNT	Band4	10	20175	50	#0	QPSK	21.42	0.21	21.63	PASS
NVNT	Band4	10	20175	1	#0	16QAM	22.13	0.21	22.34	PASS
NVNT	Band4	10	20175	1	#Mid	16QAM	22.13	0.21	22.34	PASS
NVNT	Band4	10	20175	1	#Max	16QAM	22.05	0.21	22.26	PASS
NVNT	Band4	10	20175	25	#0	16QAM	20.52	0.21	20.73	PASS
NVNT	Band4	10	20175	25	#Mid	16QAM	20.54	0.21	20.75	PASS
NVNT	Band4	10	20175	25	#Max	16QAM	20.56	0.21	20.77	PASS
NVNT	Band4	10	20175	50	#0	16QAM	20.55	0.21	20.76	PASS
NVNT	Band4	10	20350	1	#0	QPSK	22.33	0.21	22.54	PASS
NVNT	Band4	10	20350	1	#Mid	QPSK	22.34	0.21	22.55	PASS
NVNT	Band4	10	20350	1	#Max	QPSK	22.41	0.21	22.62	PASS
NVNT	Band4	10	20350	25	#0	QPSK	21.38	0.21	21.59	PASS
NVNT	Band4	10	20350	25	#Mid	QPSK	21.75	0.21	21.96	PASS
NVNT	Band4	10	20350	25	#Max	QPSK	21.46	0.21	21.67	PASS
NVNT	Band4	10	20350	50	#0	QPSK	21.75	0.21	21.96	PASS

NVNT	Band4	10	20350	1	#0	16QAM	22.30	0.21	22.51	PASS
NVNT	Band4	10	20350	1	#Mid	16QAM	22.64	0.21	22.85	PASS
NVNT	Band4	10	20350	1	#Max	16QAM	22.27	0.21	22.48	PASS
NVNT	Band4	10	20350	25	#0	16QAM	20.40	0.21	20.61	PASS
NVNT	Band4	10	20350	25	#Mid	16QAM	20.81	0.21	21.02	PASS
NVNT	Band4	10	20350	25	#Max	16QAM	20.47	0.21	20.68	PASS
NVNT	Band4	10	20350	50	#0	16QAM	20.74	0.21	20.95	PASS
NVNT	Band4	15	20025	1	#0	QPSK	22.31	0.21	22.52	PASS
NVNT	Band4	15	20025	1	#Mid	QPSK	22.23	0.21	22.44	PASS
NVNT	Band4	15	20025	1	#Max	QPSK	22.31	0.21	22.52	PASS
NVNT	Band4	15	20025	36	#0	QPSK	21.36	0.21	21.57	PASS
NVNT	Band4	15	20025	36	#Mid	QPSK	21.37	0.21	21.58	PASS
NVNT	Band4	15	20025	36	#Max	QPSK	21.78	0.21	21.99	PASS
NVNT	Band4	15	20025	75	#0	QPSK	21.31	0.21	21.52	PASS
NVNT	Band4	15	20025	1	#0	16QAM	22.31	0.21	22.52	PASS
NVNT	Band4	15	20025	1	#Mid	16QAM	22.31	0.21	22.52	PASS
NVNT	Band4	15	20025	1	#Max	16QAM	22.32	0.21	22.53	PASS
NVNT	Band4	15	20025	36	#0	16QAM	20.38	0.21	20.59	PASS
NVNT	Band4	15	20025	36	#Mid	16QAM	20.43	0.21	20.64	PASS
NVNT	Band4	15	20025	36	#Max	16QAM	20.76	0.21	20.97	PASS
NVNT	Band4	15	20025	75	#0	16QAM	20.36	0.21	20.57	PASS
NVNT	Band4	15	20175	1	#0	QPSK	22.39	0.21	22.60	PASS
NVNT	Band4	15	20175	1	#Mid	QPSK	22.52	0.21	22.73	PASS
NVNT	Band4	15	20175	1	#Max	QPSK	22.42	0.21	22.63	PASS
NVNT	Band4	15	20175	36	#0	QPSK	21.41	0.21	21.62	PASS
NVNT	Band4	15	20175	36	#Mid	QPSK	21.58	0.21	21.79	PASS
NVNT	Band4	15	20175	36	#Max	QPSK	21.48	0.21	21.69	PASS
NVNT	Band4	15	20175	75	#0	QPSK	21.51	0.21	21.72	PASS
NVNT	Band4	15	20175	1	#0	16QAM	22.09	0.21	22.30	PASS
NVNT	Band4	15	20175	1	#Mid	16QAM	22.20	0.21	22.41	PASS
NVNT	Band4	15	20175	1	#Max	16QAM	22.13	0.21	22.34	PASS
NVNT	Band4	15	20175	36	#0	16QAM	20.52	0.21	20.73	PASS
NVNT	Band4	15	20175	36	#Mid	16QAM	20.60	0.21	20.81	PASS
NVNT	Band4	15	20175	36	#Max	16QAM	20.64	0.21	20.85	PASS
NVNT	Band4	15	20175	75	#0	16QAM	20.46	0.21	20.67	PASS
NVNT	Band4	15	20325	1	#0	QPSK	22.39	0.21	22.60	PASS
NVNT	Band4	15	20325	1	#Mid	QPSK	22.33	0.21	22.54	PASS
NVNT	Band4	15	20325	1	#Max	QPSK	22.35	0.21	22.56	PASS
NVNT	Band4	15	20325	36	#0	QPSK	21.54	0.21	21.75	PASS
NVNT	Band4	15	20325	36	#Mid	QPSK	21.39	0.21	21.60	PASS
NVNT	Band4	15	20325	36	#Max	QPSK	21.31	0.21	21.52	PASS
NVNT	Band4	15	20325	75	#0	QPSK	21.33	0.21	21.54	PASS

NVNT	Band4	15	20325	1	#0	16QAM	22.22	0.21	22.43	PASS
NVNT	Band4	15	20325	1	#Mid	16QAM	22.27	0.21	22.48	PASS
NVNT	Band4	15	20325	1	#Max	16QAM	22.32	0.21	22.53	PASS
NVNT	Band4	15	20325	36	#0	16QAM	20.42	0.21	20.63	PASS
NVNT	Band4	15	20325	36	#Mid	16QAM	20.31	0.21	20.52	PASS
NVNT	Band4	15	20325	36	#Max	16QAM	20.28	0.21	20.49	PASS
NVNT	Band4	15	20325	75	#0	16QAM	20.38	0.21	20.59	PASS
NVNT	Band4	20	20050	1	#0	QPSK	22.49	0.21	22.70	PASS
NVNT	Band4	20	20050	1	#Mid	QPSK	22.34	0.21	22.55	PASS
NVNT	Band4	20	20050	1	#Max	QPSK	22.36	0.21	22.57	PASS
NVNT	Band4	20	20050	50	#0	QPSK	21.38	0.21	21.59	PASS
NVNT	Band4	20	20050	50	#Mid	QPSK	21.39	0.21	21.60	PASS
NVNT	Band4	20	20050	50	#Max	QPSK	21.33	0.21	21.54	PASS
NVNT	Band4	20	20050	100	#0	QPSK	21.37	0.21	21.58	PASS
NVNT	Band4	20	20050	1	#0	16QAM	21.41	0.21	21.62	PASS
NVNT	Band4	20	20050	1	#Mid	16QAM	21.36	0.21	21.57	PASS
NVNT	Band4	20	20050	1	#Max	16QAM	21.46	0.21	21.67	PASS
NVNT	Band4	20	20050	50	#0	16QAM	20.46	0.21	20.67	PASS
NVNT	Band4	20	20050	50	#Mid	16QAM	20.39	0.21	20.60	PASS
NVNT	Band4	20	20050	50	#Max	16QAM	20.43	0.21	20.64	PASS
NVNT	Band4	20	20050	100	#0	16QAM	20.30	0.21	20.51	PASS
NVNT	Band4	20	20175	1	#0	QPSK	22.65	0.21	22.86	PASS
NVNT	Band4	20	20175	1	#Mid	QPSK	22.78	0.21	22.99	PASS
NVNT	Band4	20	20175	1	#Max	QPSK	22.64	0.21	22.85	PASS
NVNT	Band4	20	20175	50	#0	QPSK	21.40	0.21	21.61	PASS
NVNT	Band4	20	20175	50	#Mid	QPSK	21.55	0.21	21.76	PASS
NVNT	Band4	20	20175	50	#Max	QPSK	21.50	0.21	21.71	PASS
NVNT	Band4	20	20175	100	#0	QPSK	21.50	0.21	21.71	PASS
NVNT	Band4	20	20175	1	#0	16QAM	21.48	0.21	21.69	PASS
NVNT	Band4	20	20175	1	#Mid	16QAM	21.62	0.21	21.83	PASS
NVNT	Band4	20	20175	1	#Max	16QAM	21.50	0.21	21.71	PASS
NVNT	Band4	20	20175	50	#0	16QAM	20.45	0.21	20.66	PASS
NVNT	Band4	20	20175	50	#Mid	16QAM	20.51	0.21	20.72	PASS
NVNT	Band4	20	20175	50	#Max	16QAM	20.48	0.21	20.69	PASS
NVNT	Band4	20	20175	100	#0	16QAM	20.47	0.21	20.68	PASS
NVNT	Band4	20	20300	1	#0	QPSK	22.56	0.21	22.77	PASS
NVNT	Band4	20	20300	1	#Mid	QPSK	22.49	0.21	22.70	PASS
NVNT	Band4	20	20300	1	#Max	QPSK	22.40	0.21	22.61	PASS
NVNT	Band4	20	20300	50	#0	QPSK	21.50	0.21	21.71	PASS
NVNT	Band4	20	20300	50	#Mid	QPSK	21.39	0.21	21.60	PASS
NVNT	Band4	20	20300	50	#Max	QPSK	21.73	0.21	21.94	PASS
NVNT	Band4	20	20300	100	#0	QPSK	21.43	0.21	21.64	PASS

NVNT	Band4	20	20300	1	#0	16QAM	21.86	0.21	22.07	PASS
NVNT	Band4	20	20300	1	#Mid	16QAM	21.83	0.21	22.04	PASS
NVNT	Band4	20	20300	1	#Max	16QAM	21.88	0.21	22.09	PASS
NVNT	Band4	20	20300	50	#0	16QAM	20.49	0.21	20.70	PASS
NVNT	Band4	20	20300	50	#Mid	16QAM	20.48	0.21	20.69	PASS
NVNT	Band4	20	20300	50	#Max	16QAM	20.79	0.21	21.00	PASS
NVNT	Band4	20	20300	100	#0	16QAM	20.50	0.21	20.71	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	NV	-30	-0.84	0.000	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	-20	-16.61	-0.010	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	0	-24.91	-0.015	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	10	4.71	0.003	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	20	-13.76	-0.008	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	30	-27.75	-0.016	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	40	-4.21	-0.002	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	50	-17.38	-0.010	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	-30	-29.00	-0.017	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	-20	-36.08	-0.021	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	0	-7.61	-0.004	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	10	-7.65	-0.004	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	20	-14.72	-0.009	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	30	-21.09	-0.012	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	40	-28.31	-0.017	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	50	-28.71	-0.017	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	-30	-2.60	-0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	-20	-9.14	-0.005	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	0	-15.86	-0.009	PASS

NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	10	-21.69	-0.013	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	20	-26.62	-0.015	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	30	-31.40	-0.018	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	40	-35.55	-0.021	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	50	-40.97	-0.024	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	-30	-44.85	-0.026	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	-20	-39.67	-0.023	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	0	-40.68	-0.023	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	10	-38.31	-0.022	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	20	-34.26	-0.020	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	30	-34.20	-0.020	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	40	-34.45	-0.020	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	50	-30.66	-0.018	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	-30	-15.71	-0.009	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	-20	-27.18	-0.015	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	0	-40.33	-0.023	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	10	-2.89	-0.002	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	20	-10.61	-0.006	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	30	-17.38	-0.010	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	40	-23.06	-0.013	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	50	-29.18	-0.017	PASS
NVNT	Band	1.4	20393	6	#0	16QAM	NV	-30	-36.48	-0.021	PASS

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NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	-20	-35.15	-0.020	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	0	-35.41	-0.020	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	10	-35.38	-0.020	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	20	-37.32	-0.021	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	30	-34.70	-0.020	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	40	-35.75	-0.020	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	50	-36.32	-0.021	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	-30	4.28	0.003	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	-20	-27.48	-0.016	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	0	-41.87	-0.024	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	10	-31.00	-0.018	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	20	-5.85	-0.003	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	30	-25.75	-0.015	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	40	-43.32	-0.025	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	50	-26.52	-0.015	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	-30	-36.52	-0.021	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	-20	-5.09	-0.003	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	0	-11.90	-0.007	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	10	-16.98	-0.010	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	20	-25.16	-0.015	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	30	-28.94	-0.017	PASS

NVNT	Band 4	3	19965	15	#0	16QAM	NV	40	-31.76	-0.019	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	50	-37.14	-0.022	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	-30	5.01	0.003	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	-20	-0.06	0.000	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	0	-11.01	-0.006	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	10	-23.69	-0.014	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	20	-32.33	-0.019	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	30	-11.17	-0.006	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	40	-8.83	-0.005	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	50	-10.70	-0.006	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	-30	-16.75	-0.010	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	-20	-16.02	-0.009	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	0	-15.66	-0.009	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	10	-10.19	-0.006	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	20	-8.45	-0.005	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	30	-10.49	-0.006	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	40	-8.08	-0.005	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	50	-7.24	-0.004	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	-30	10.74	0.006	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	-20	0.20	0.000	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	0	-12.25	-0.007	PASS
NVNT	Band	3	20385	15	#0	QPSK	NV	10	-24.12	-0.014	PASS

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NVNT	Band 4	3	20385	15	#0	QPSK	NV	20	-37.89	-0.022	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	30	-13.49	-0.008	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	40	-20.20	-0.012	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	50	-27.55	-0.016	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	-30	-36.25	-0.021	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	-20	-35.71	-0.020	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	0	-35.79	-0.020	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	10	-36.03	-0.021	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	20	-35.55	-0.020	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	30	-41.16	-0.023	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	40	-7.41	-0.004	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	50	-6.17	-0.004	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	-30	-5.64	-0.003	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	-20	-12.62	-0.007	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	0	-25.31	-0.015	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	10	-18.88	-0.011	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	20	-42.92	-0.025	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	30	-29.31	-0.017	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	40	12.33	0.007	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	50	-2.43	-0.001	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	-30	-18.24	-0.011	PASS

NVNT	Band 4	5	19975	25	#0	16QAM	NV	-20	-25.01	-0.015	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	0	-29.47	-0.017	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	10	3.39	0.002	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	20	-2.09	-0.001	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	30	-5.34	-0.003	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	40	-6.71	-0.004	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	50	-13.05	-0.008	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	-30	16.16	0.009	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	-20	-0.72	0.000	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	0	-9.48	-0.005	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	10	-16.89	-0.010	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	20	-23.67	-0.014	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	30	-32.54	-0.019	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	40	-35.89	-0.021	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	50	-3.12	-0.002	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	-30	-5.94	-0.003	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	-20	-7.27	-0.004	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	0	-5.66	-0.003	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	10	-2.62	-0.002	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	20	-2.27	-0.001	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	30	-0.26	0.000	PASS
NVNT	Band	5	20175	25	#0	16QAM	NV	40	1.20	0.001	PASS

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NVNT	Band 4	5	20175	25	#0	16QAM	NV	50	2.79	0.002	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	-30	6.64	0.004	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	-20	-13.38	-0.008	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	0	-27.15	-0.015	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	10	10.04	0.006	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	20	-1.60	-0.001	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	30	-11.73	-0.007	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	40	-20.10	-0.011	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	50	-28.44	-0.016	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	-30	-33.32	-0.019	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	-20	-31.59	-0.018	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	0	-28.95	-0.017	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	10	-29.87	-0.017	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	20	-30.20	-0.017	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	30	-28.18	-0.016	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	40	-30.03	-0.017	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	50	-28.61	-0.016	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	-30	-5.01	-0.003	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	-20	-25.38	-0.015	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	0	-32.90	-0.019	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	10	-26.97	-0.016	PASS

NVNT	Band 4	10	20000	50	#0	QPSK	NV	20	-4.18	-0.002	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	30	-26.89	-0.016	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	40	-21.89	-0.013	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	50	-26.19	-0.015	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	-30	-37.69	-0.022	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	-20	-12.33	-0.007	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	0	-16.74	-0.010	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	10	-19.94	-0.012	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	20	-23.02	-0.013	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	30	-28.62	-0.017	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	40	-32.49	-0.019	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	50	-34.36	-0.020	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	-30	11.36	0.007	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	-20	-2.09	-0.001	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	0	-10.77	-0.006	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	10	-18.90	-0.011	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	20	-26.49	-0.015	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	30	-31.19	-0.018	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	40	-10.10	-0.006	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	50	-14.63	-0.008	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	-30	-17.80	-0.010	PASS
NVNT	Band	10	20175	50	#0	16QAM	NV	-20	-15.76	-0.009	PASS

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NVNT	Band 4	10	20175	50	#0	16QAM	NV	0	-12.07	-0.007	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	10	-9.97	-0.006	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	20	-8.96	-0.005	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	30	-7.44	-0.004	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	40	-5.25	-0.003	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	50	-4.69	-0.003	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	-30	-6.48	-0.004	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	-20	-29.15	-0.017	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	0	2.25	0.001	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	10	-15.21	-0.009	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	20	-30.34	-0.017	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	30	-6.11	-0.003	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	40	-16.77	-0.010	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	50	-27.08	-0.015	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	-30	-36.01	-0.021	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	-20	-31.10	-0.018	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	0	-34.85	-0.020	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	10	-28.24	-0.016	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	20	-35.41	-0.020	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	30	-37.47	-0.021	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	40	-41.03	-0.023	PASS

NVNT	Band 4	10	20350	50	#0	16QAM	NV	50	-19.78	-0.011	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	-30	-24.68	-0.014	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	-20	-19.40	-0.011	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	0	-23.73	-0.014	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	10	-23.15	-0.013	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	20	-28.12	-0.016	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	30	-17.18	-0.010	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	40	-38.07	-0.022	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	50	-17.29	-0.010	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	-30	-32.59	-0.019	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	-20	-30.40	-0.018	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	0	-31.67	-0.018	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	10	-37.05	-0.022	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	20	-42.44	-0.025	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	30	-45.78	-0.027	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	40	-44.35	-0.026	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	50	-12.16	-0.007	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	-30	6.07	0.004	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	-20	-9.53	-0.006	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	0	-21.27	-0.012	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	10	-33.13	-0.019	PASS
NVNT	Band	15	20175	75	#0	QPSK	NV	20	-9.94	-0.006	PASS

	4										
NVNT	Band 4	15	20175	75	#0	QPSK	NV	30	-5.56	-0.003	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	40	-13.33	-0.008	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	50	-21.99	-0.013	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	-30	-28.22	-0.016	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	-20	-19.63	-0.011	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	0	-16.47	-0.010	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	10	-14.83	-0.009	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	20	-14.76	-0.009	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	30	-15.92	-0.009	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	40	-15.44	-0.009	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	50	-17.72	-0.010	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	-30	7.27	0.004	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	-20	-9.80	-0.006	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	0	-22.76	-0.013	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	10	-34.70	-0.020	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	20	-4.65	-0.003	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	30	-13.92	-0.008	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	40	-35.18	-0.020	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	50	19.56	0.011	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	-30	14.93	0.009	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	-20	19.68	0.011	PASS

NVNT	Band 4	15	20325	75	#0	16QAM	NV	0	25.73	0.015	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	10	25.85	0.015	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	20	31.13	0.018	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	30	33.22	0.019	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	40	32.96	0.019	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	50	31.46	0.018	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	-30	-21.13	-0.012	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	-20	-16.52	-0.010	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	0	-17.54	-0.010	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	10	-18.57	-0.011	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	20	-15.01	-0.009	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	30	-25.59	-0.015	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	40	-19.47	-0.011	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	50	-36.91	-0.021	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	-30	4.98	0.003	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	-20	9.74	0.006	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	0	8.60	0.005	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	10	11.26	0.007	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	20	9.28	0.005	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	30	2.13	0.001	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	40	3.96	0.002	PASS
NVNT	Band	20	20050	100	#0	16QAM	NV	50	4.25	0.002	PASS

	4										
NVNT	Band 4	20	20175	100	#0	QPSK	NV	-30	4.08	0.002	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	-20	-21.54	-0.012	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	0	-30.56	-0.018	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	10	-41.96	-0.024	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	20	-11.67	-0.007	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	30	-27.58	-0.016	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	40	-32.64	-0.019	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	50	-40.81	-0.024	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	-30	-40.45	-0.023	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	-20	-34.45	-0.020	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	0	-25.66	-0.015	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	10	-20.60	-0.012	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	20	-17.58	-0.010	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	30	-16.44	-0.009	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	40	-20.91	-0.012	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	50	-22.26	-0.013	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	-30	-6.37	-0.004	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	-20	-23.65	-0.014	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	0	-39.90	-0.023	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	10	-13.88	-0.008	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	20	-8.43	-0.005	PASS

NVNT	Band 4	20	20300	100	#0	QPSK	NV	30	-23.23	-0.013	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	40	-32.77	-0.019	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	50	-15.88	-0.009	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	-30	6.28	0.004	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	-20	13.30	0.008	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	0	18.83	0.011	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	10	22.52	0.013	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	20	28.20	0.016	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	30	29.07	0.017	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	40	22.24	0.013	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	50	23.07	0.013	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	LV	NT	-4.08	-0.002	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	NT	-35.00	-0.020	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	HV	NT	-37.95	-0.022	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	LV	NT	-34.00	-0.020	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	NT	-19.80	-0.012	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	HV	NT	-39.98	-0.023	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	LV	NT	-2.99	-0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	NT	-20.36	-0.012	PASS

NVNT	Band 4	1.4	20175	6	#0	QPSK	HV	NT	-35.86	-0.021	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	LV	NT	-34.76	-0.020	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	NT	-16.55	-0.010	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	HV	NT	-23.89	-0.014	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	LV	NT	14.19	0.008	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	NT	-4.56	-0.003	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	HV	NT	-26.45	-0.015	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	LV	NT	-23.50	-0.013	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	NT	-25.21	-0.014	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	HV	NT	-0.10	0.000	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	LV	NT	-11.04	-0.006	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	NT	-8.10	-0.005	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	HV	NT	-18.81	-0.011	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	LV	NT	-21.37	-0.012	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	NT	-21.06	-0.012	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	HV	NT	-10.49	-0.006	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	LV	NT	-8.70	-0.005	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	NT	-27.62	-0.016	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	HV	NT	-9.56	-0.006	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	LV	NT	-31.16	-0.018	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	NT	-9.07	-0.005	PASS
NVNT	Band	3	20175	15	#0	16QAM	HV	NT	-17.27	-0.010	PASS

	4										
NVNT	Band 4	3	20385	15	#0	QPSK	LV	NT	14.56	0.008	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	NT	-3.50	-0.002	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	HV	NT	-31.31	-0.018	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	LV	NT	-23.65	-0.013	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	NT	-36.94	-0.021	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	HV	NT	-14.56	-0.008	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	LV	NT	24.38	0.014	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	NT	-23.67	-0.014	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	HV	NT	-20.43	-0.012	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	LV	NT	-27.72	-0.016	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	NT	-19.31	-0.011	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	HV	NT	-37.89	-0.022	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	LV	NT	5.12	0.003	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	NT	-24.82	-0.014	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	HV	NT	-12.06	-0.007	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	LV	NT	-41.18	-0.024	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	NT	-15.76	-0.009	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	HV	NT	-26.31	-0.015	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	LV	NT	6.98	0.004	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	NT	-19.44	-0.011	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	HV	NT	-16.59	-0.009	PASS

NVNT	Band 4	5	20375	25	#0	16QAM	LV	NT	-34.07	-0.019	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	NT	-36.32	-0.021	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	HV	NT	-7.30	-0.004	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	LV	NT	-11.97	-0.007	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	NT	-32.03	-0.019	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	HV	NT	-26.97	-0.016	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	LV	NT	-5.98	-0.003	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	NT	-18.68	-0.011	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	HV	NT	-20.69	-0.012	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	LV	NT	1.76	0.001	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	NT	-19.54	-0.011	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	HV	NT	4.12	0.002	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	LV	NT	-15.92	-0.009	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	NT	-22.86	-0.013	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	HV	NT	-28.08	-0.016	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	LV	NT	6.62	0.004	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	NT	-33.10	-0.019	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	HV	NT	-28.62	-0.016	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	LV	NT	-20.23	-0.012	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	NT	-31.69	-0.018	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	HV	NT	-8.81	-0.005	PASS
NVNT	Band	15	20025	75	#0	QPSK	LV	NT	3.98	0.002	PASS

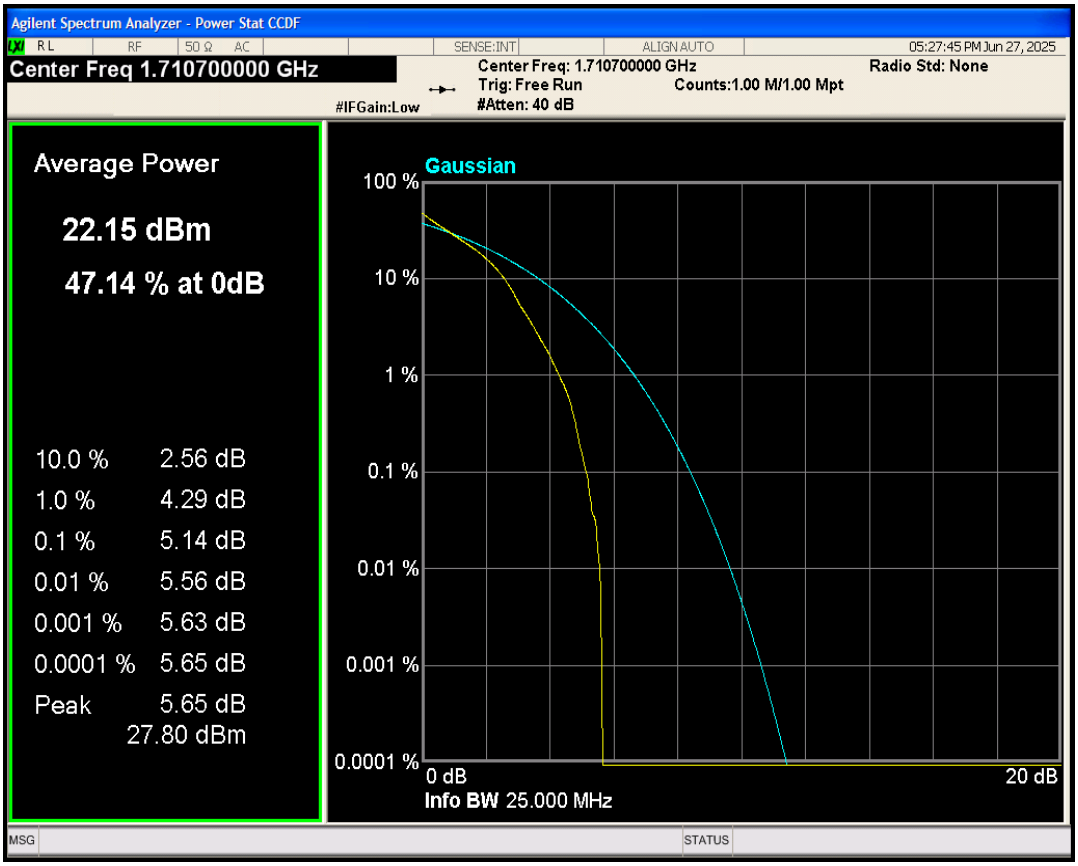
	4										
NVNT	Band 4	15	20025	75	#0	QPSK	NV	NT	-23.27	-0.014	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	HV	NT	-23.78	-0.014	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	LV	NT	-31.61	-0.018	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	NT	-6.65	-0.004	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	HV	NT	-33.67	-0.020	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	LV	NT	0.99	0.001	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	NT	-31.51	-0.018	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	HV	NT	-25.05	-0.014	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	LV	NT	-24.60	-0.014	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	NT	-19.43	-0.011	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	HV	NT	-30.91	-0.018	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	LV	NT	3.69	0.002	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	NT	-31.31	-0.018	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	HV	NT	-22.90	-0.013	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	LV	NT	-15.35	-0.009	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	NT	-29.97	-0.017	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	HV	NT	-35.82	-0.020	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	LV	NT	-17.38	-0.010	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	NT	-18.12	-0.011	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	HV	NT	-14.19	-0.008	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	LV	NT	-41.63	-0.024	PASS

NVNT	Band 4	20	20050	100	#0	16QAM	NV	NT	-9.00	-0.005	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	HV	NT	-12.96	-0.008	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	LV	NT	5.88	0.003	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	NT	-10.61	-0.006	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	HV	NT	-27.77	-0.016	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	LV	NT	-36.78	-0.021	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	NT	-33.86	-0.020	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	HV	NT	-30.73	-0.018	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	LV	NT	8.74	0.005	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	NT	-13.95	-0.008	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	HV	NT	-22.36	-0.013	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	LV	NT	-24.33	-0.014	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	NT	-28.10	-0.016	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	HV	NT	-30.44	-0.017	PASS

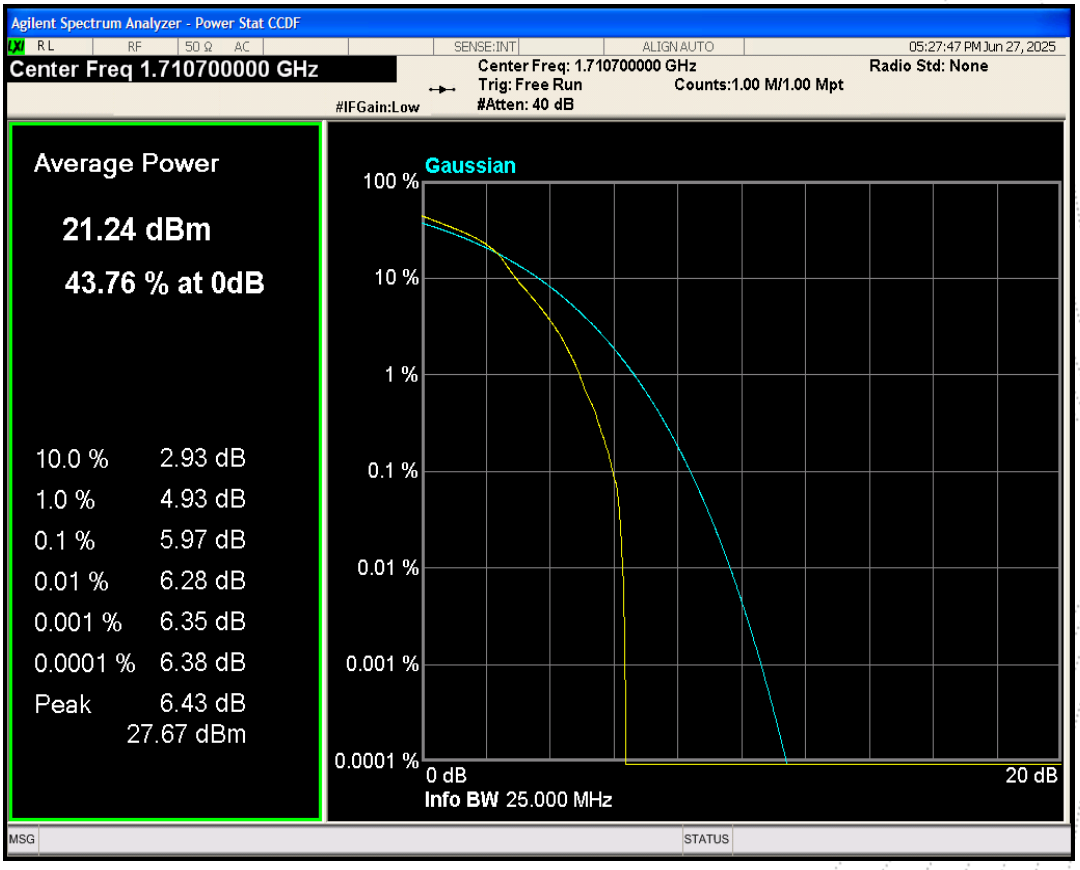
Appendix 3.Peak-to-Average Ratio

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	5.14	13	PASS
NVNT	Band4	1.4	19957	1	#0	16QAM	5.97	13	PASS
NVNT	Band4	1.4	20175	1	#0	QPSK	5.55	13	PASS
NVNT	Band4	1.4	20175	1	#0	16QAM	6.62	13	PASS
NVNT	Band4	1.4	20393	1	#0	QPSK	5.07	13	PASS
NVNT	Band4	1.4	20393	1	#0	16QAM	5.83	13	PASS
NVNT	Band4	3	19965	1	#0	QPSK	5.04	13	PASS
NVNT	Band4	3	19965	1	#0	16QAM	5.88	13	PASS
NVNT	Band4	3	20175	1	#0	QPSK	5.54	13	PASS

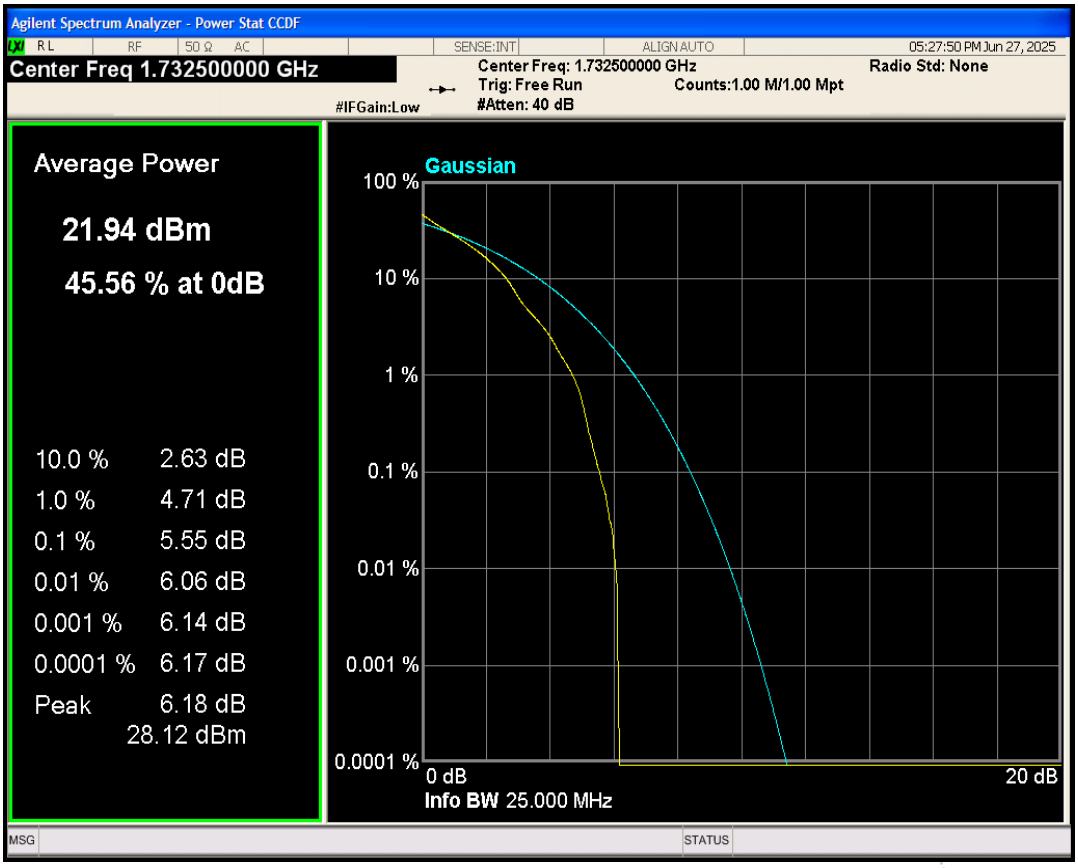
NVNT	Band4	3	20175	1	#0	16QAM	6.33	13	PASS
NVNT	Band4	3	20385	1	#0	QPSK	5.30	13	PASS
NVNT	Band4	3	20385	1	#0	16QAM	5.93	13	PASS
NVNT	Band4	5	19975	1	#0	QPSK	5.40	13	PASS
NVNT	Band4	5	19975	1	#0	16QAM	6.04	13	PASS
NVNT	Band4	5	20175	1	#0	QPSK	5.42	13	PASS
NVNT	Band4	5	20175	1	#0	16QAM	6.01	13	PASS
NVNT	Band4	5	20375	1	#0	QPSK	5.51	13	PASS
NVNT	Band4	5	20375	1	#0	16QAM	6.44	13	PASS
NVNT	Band4	10	20000	1	#0	QPSK	5.16	13	PASS
NVNT	Band4	10	20000	1	#0	16QAM	6.10	13	PASS
NVNT	Band4	10	20175	1	#0	QPSK	5.42	13	PASS
NVNT	Band4	10	20175	1	#0	16QAM	6.36	13	PASS
NVNT	Band4	10	20350	1	#0	QPSK	5.36	13	PASS
NVNT	Band4	10	20350	1	#0	16QAM	6.01	13	PASS
NVNT	Band4	15	20025	1	#0	QPSK	5.14	13	PASS
NVNT	Band4	15	20025	1	#0	16QAM	6.01	13	PASS
NVNT	Band4	15	20175	1	#0	QPSK	5.04	13	PASS
NVNT	Band4	15	20175	1	#0	16QAM	5.98	13	PASS
NVNT	Band4	15	20325	1	#0	QPSK	5.18	13	PASS
NVNT	Band4	15	20325	1	#0	16QAM	5.89	13	PASS
NVNT	Band4	20	20050	1	#0	QPSK	5.05	13	PASS
NVNT	Band4	20	20050	1	#0	16QAM	5.69	13	PASS
NVNT	Band4	20	20175	1	#0	QPSK	4.88	13	PASS
NVNT	Band4	20	20175	1	#0	16QAM	5.74	13	PASS
NVNT	Band4	20	20300	1	#0	QPSK	5.39	13	PASS
NVNT	Band4	20	20300	1	#0	16QAM	6.39	13	PASS



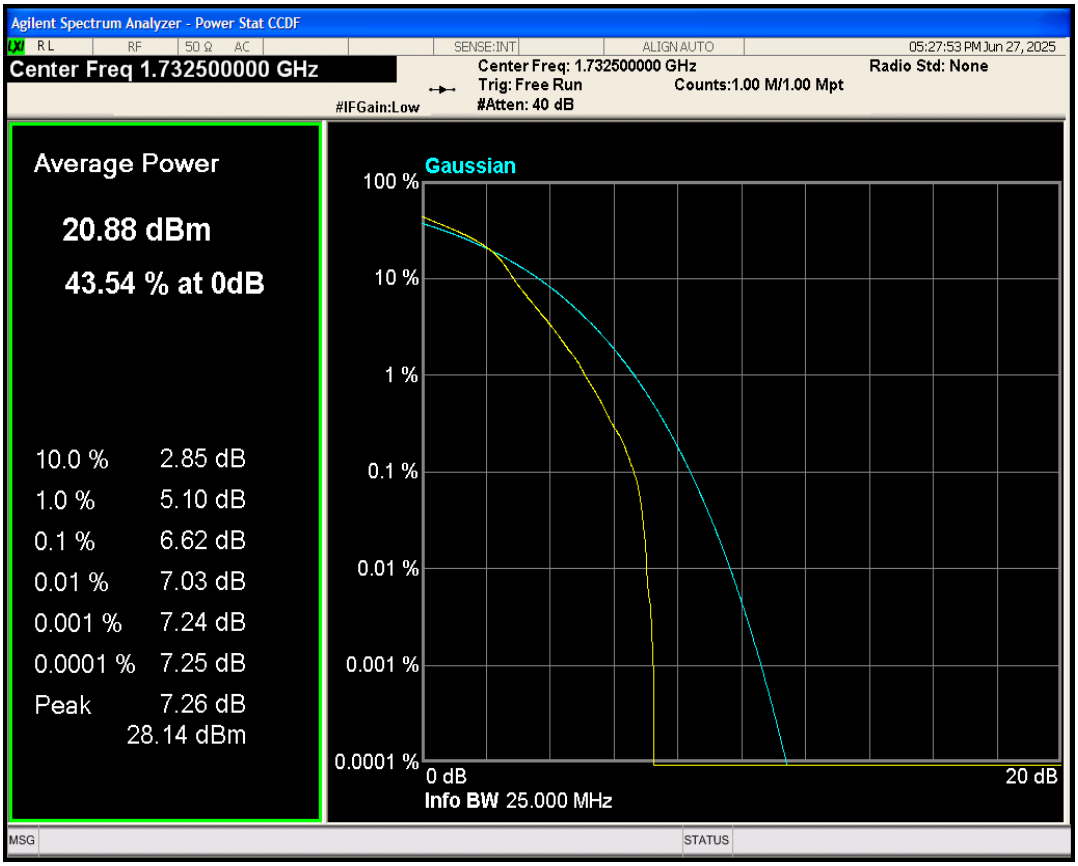
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0 NVNT



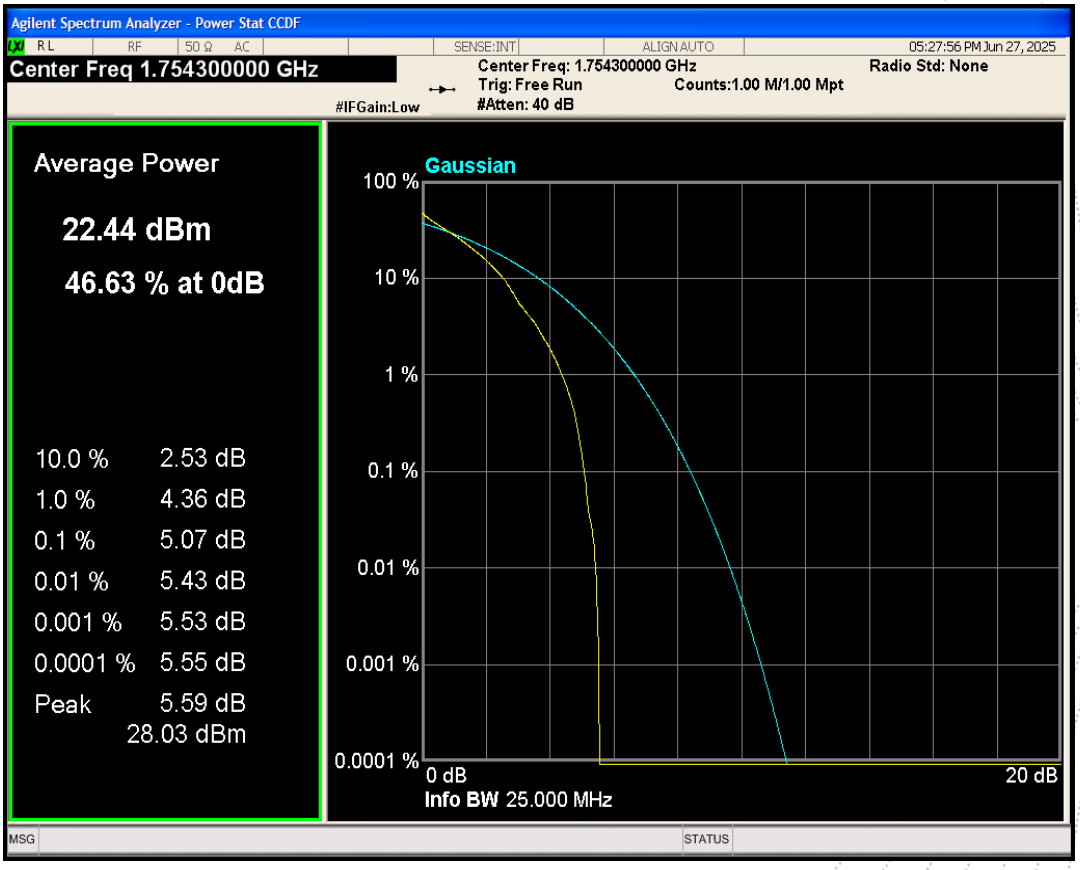
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0 NVNT



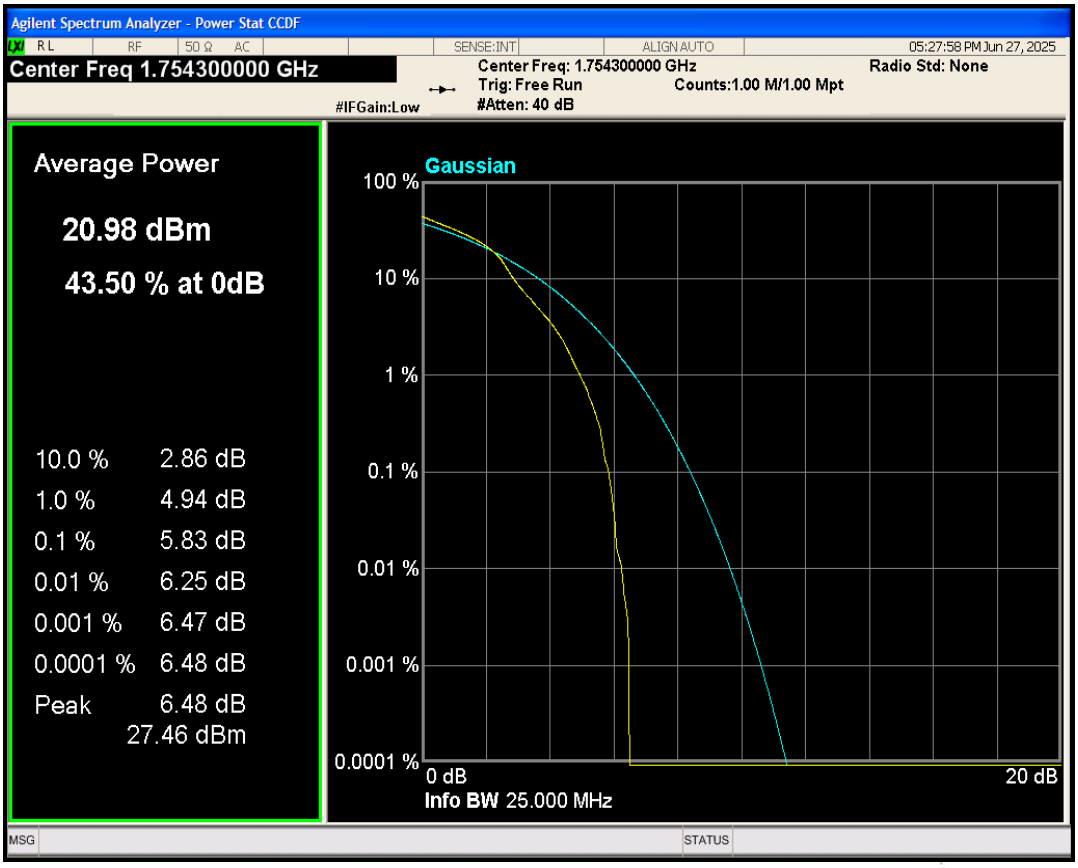
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0 NVNT



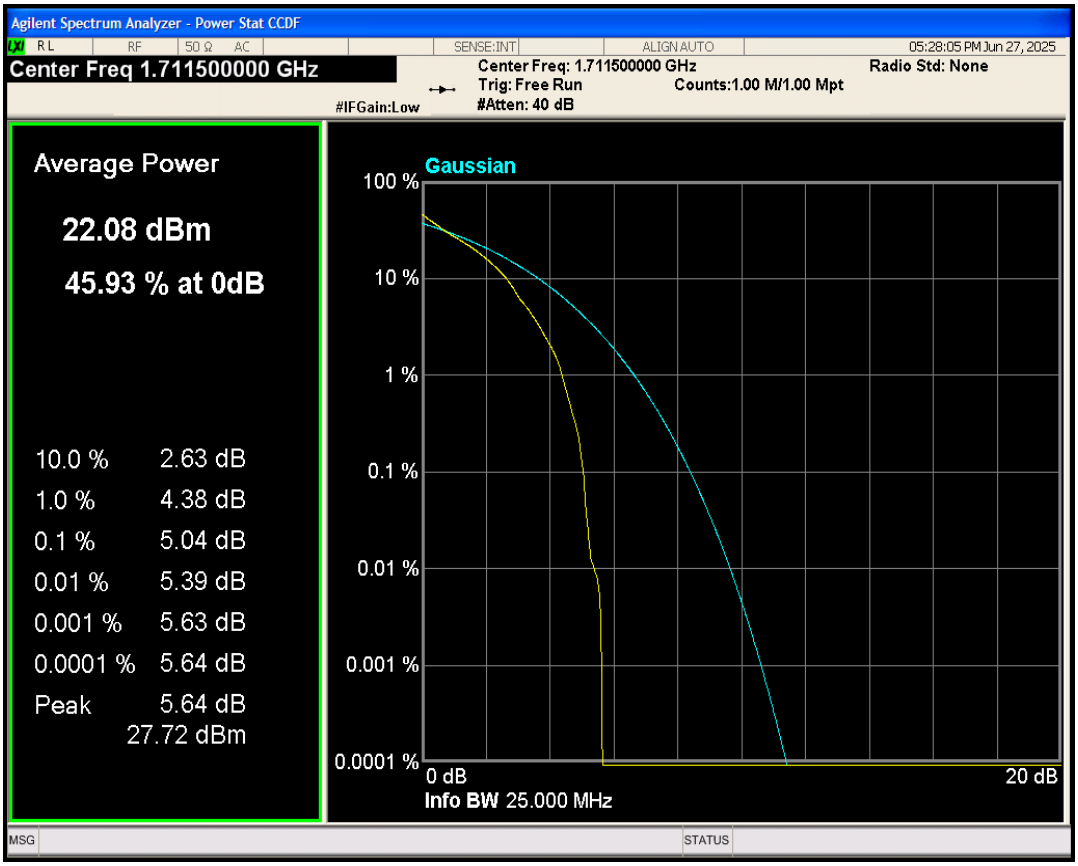
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0 NVNT



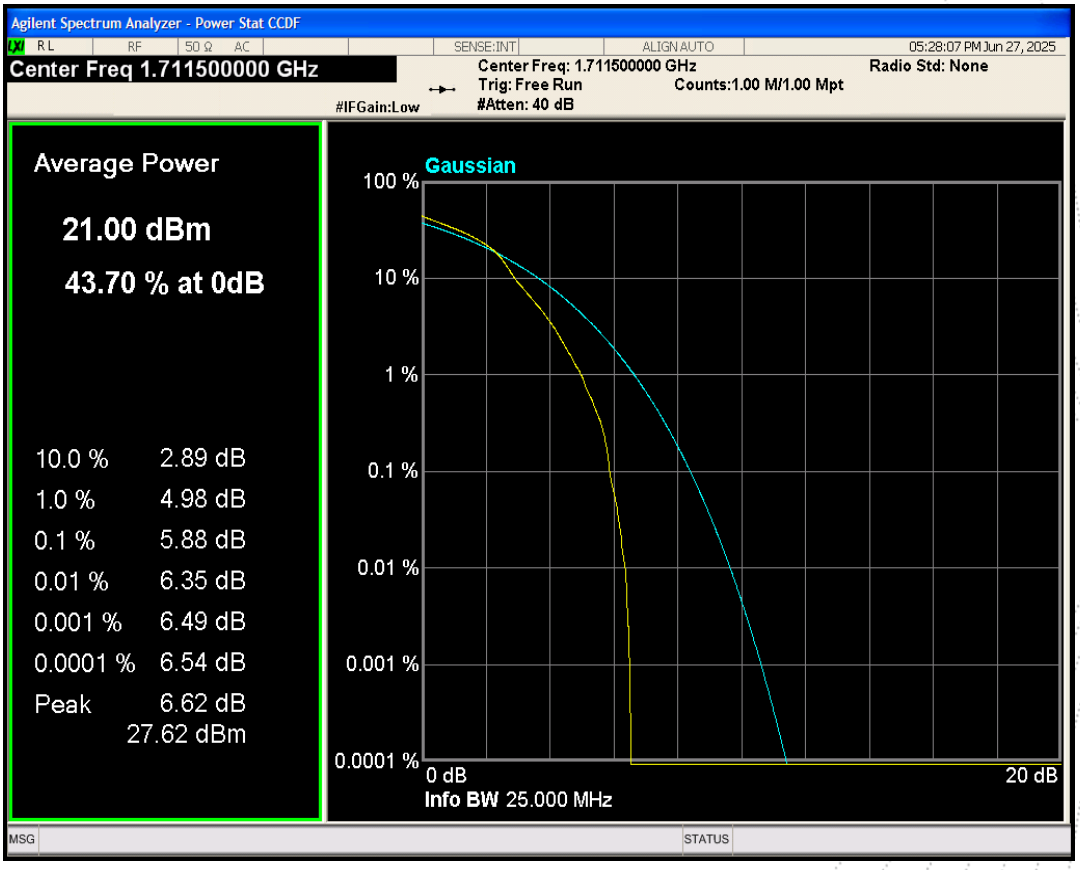
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0 NVNT



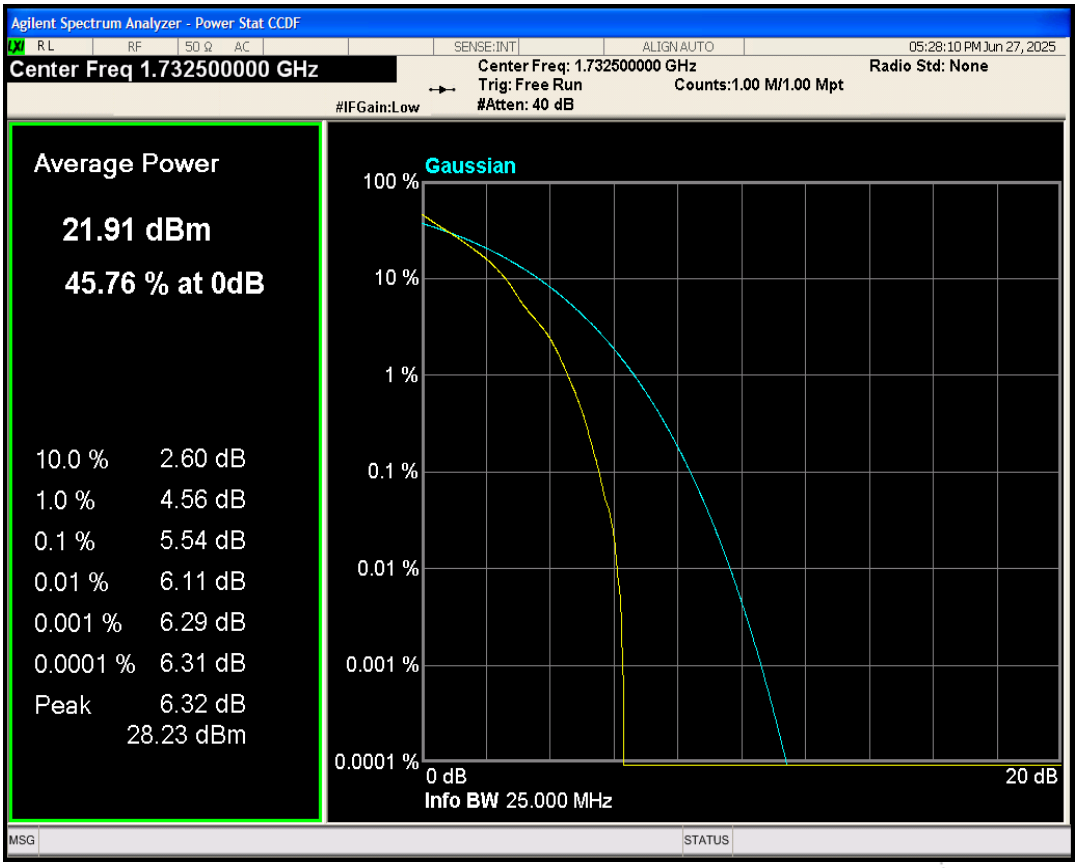
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0 NVNT



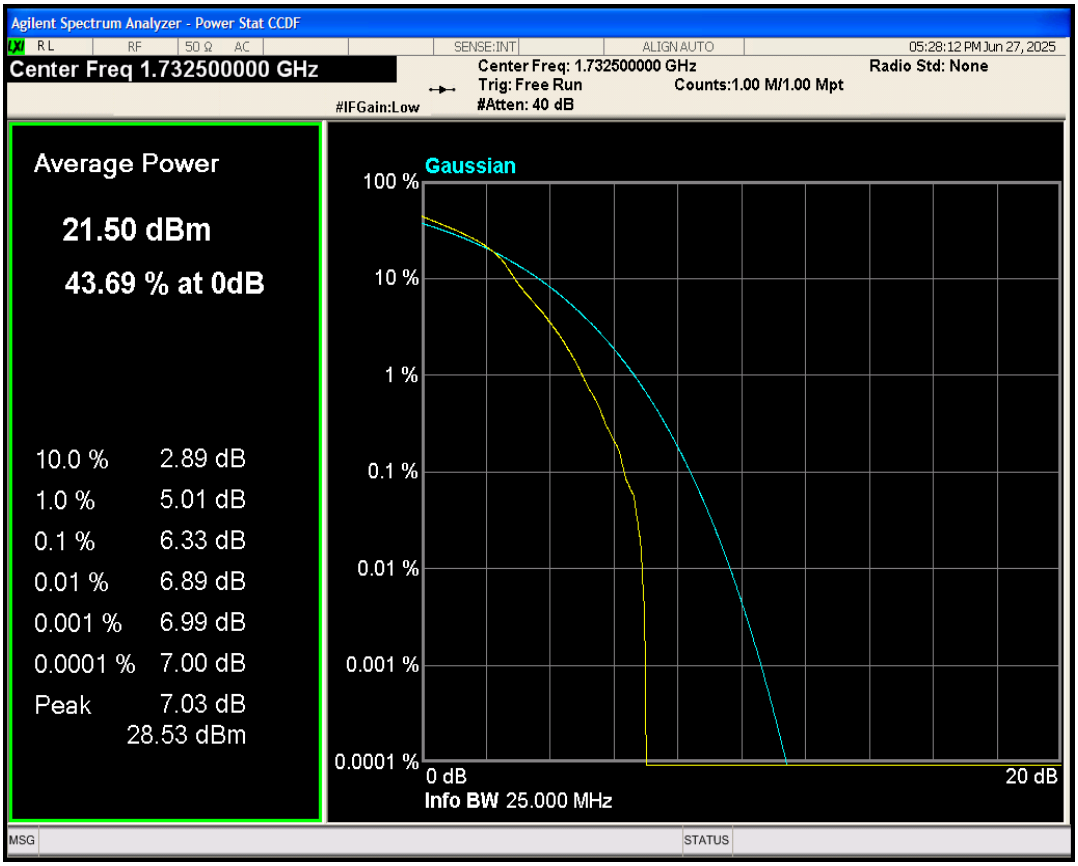
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0 NVNT



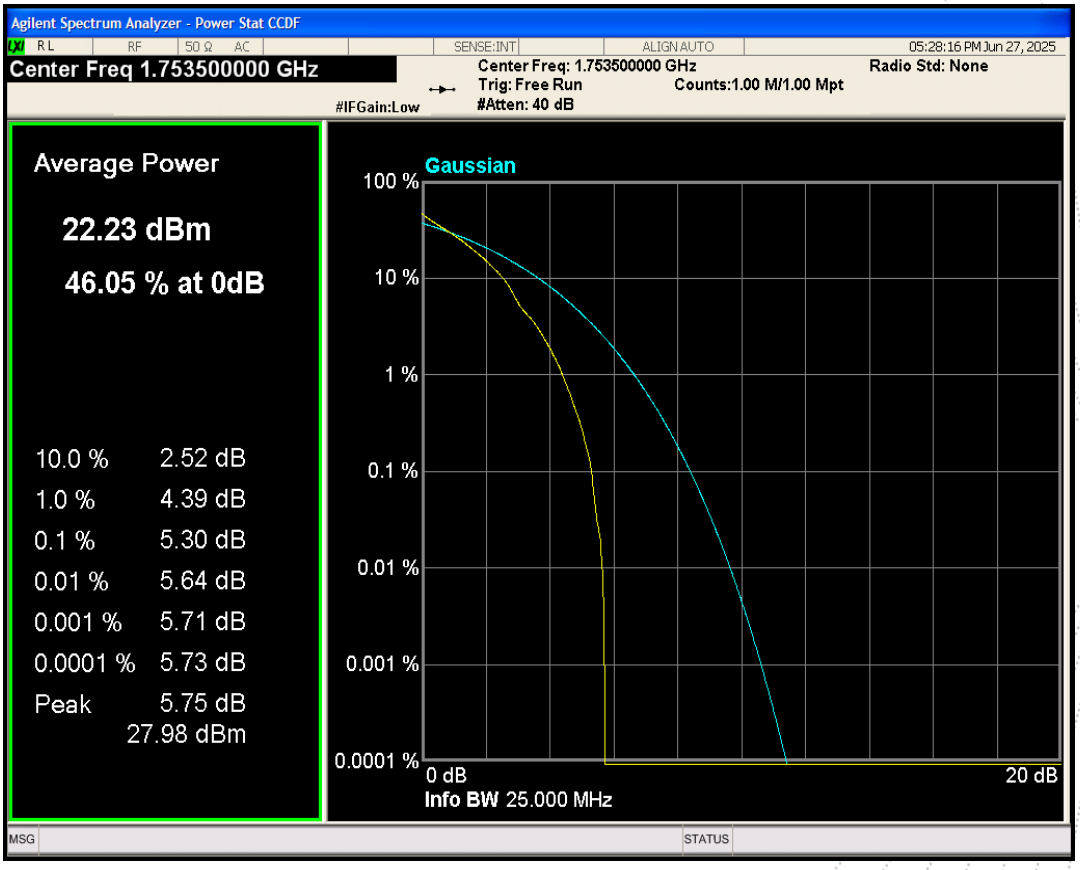
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0 NVNT



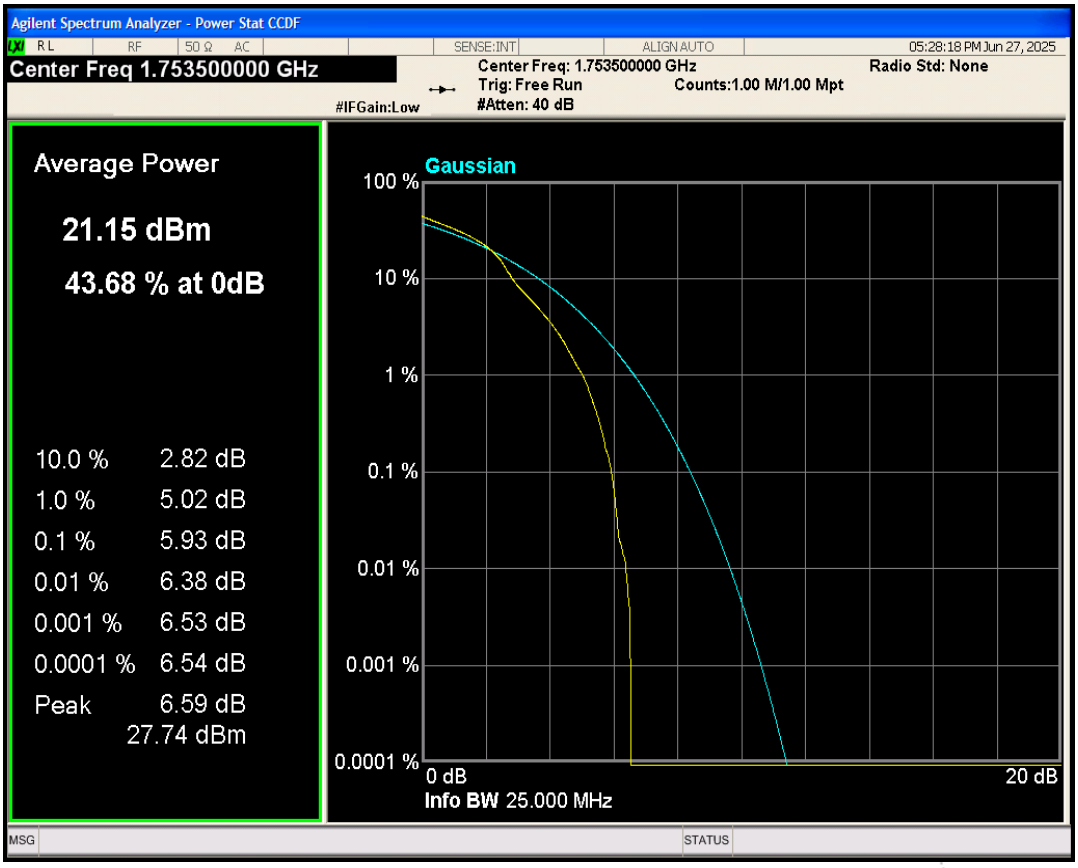
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0 NVNT



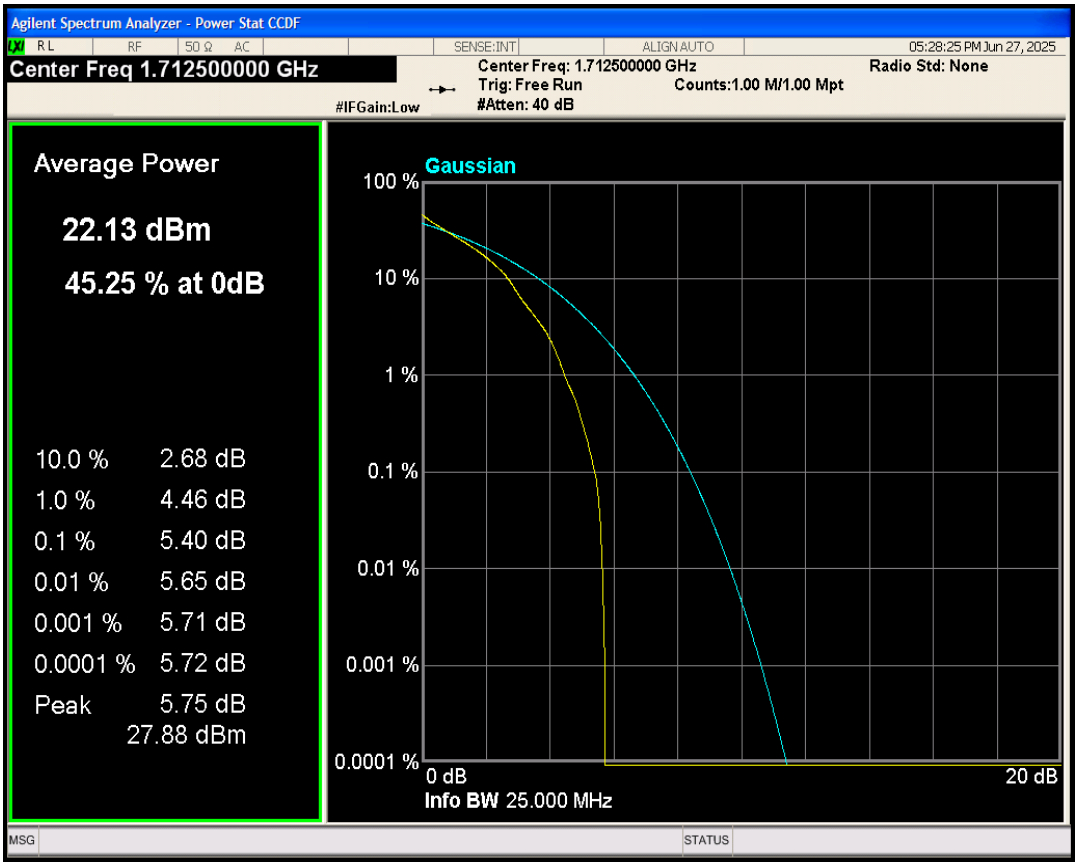
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0 NVNT



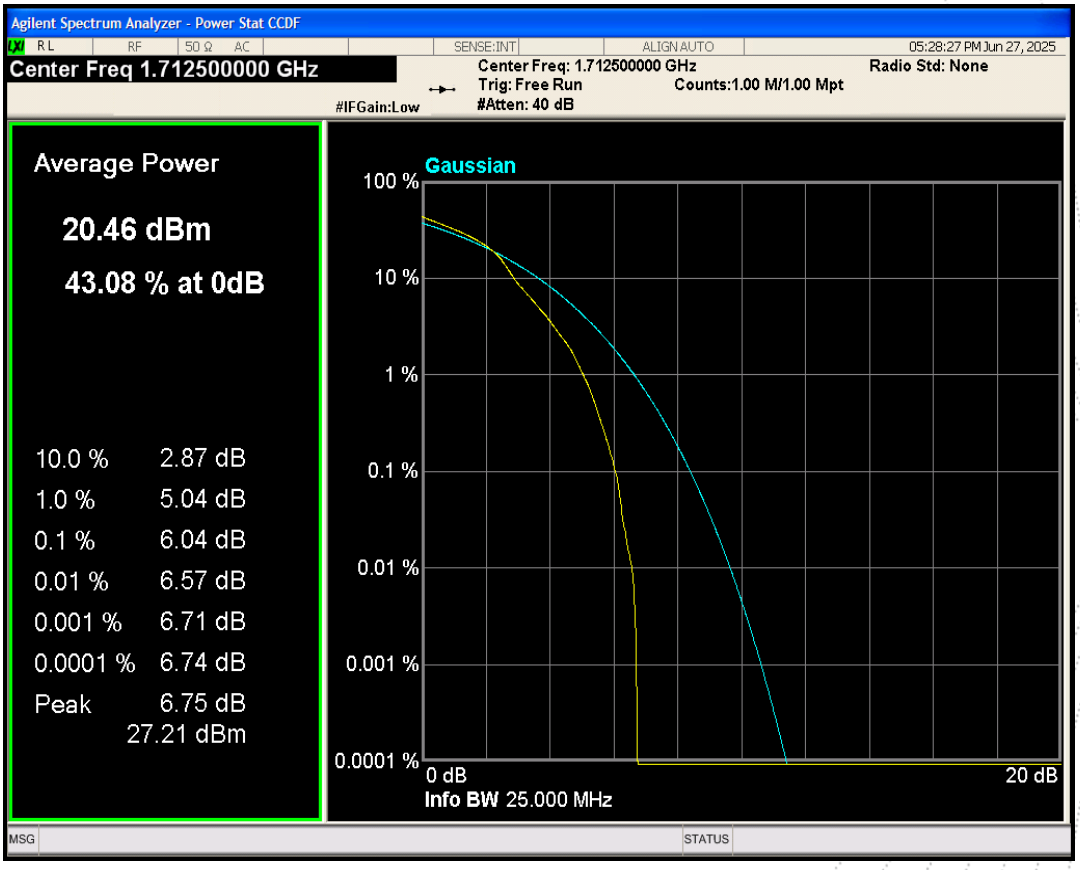
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0 NVNT



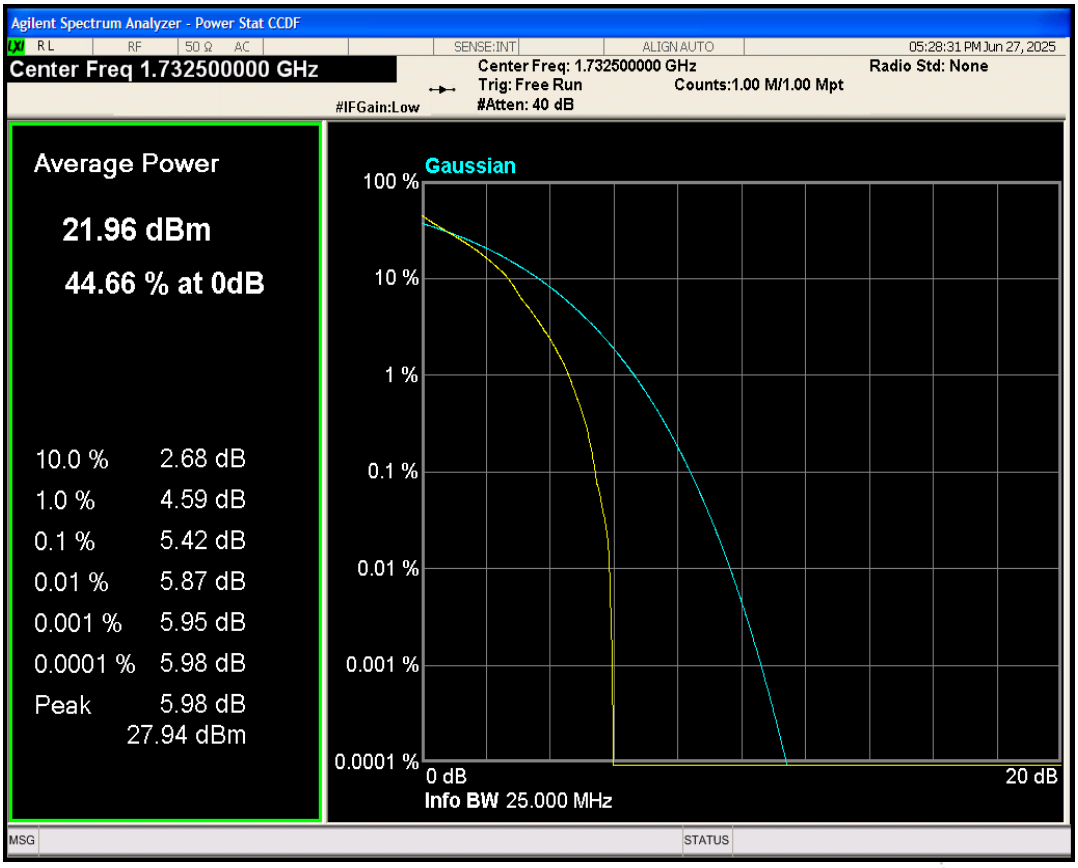
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0 NVNT



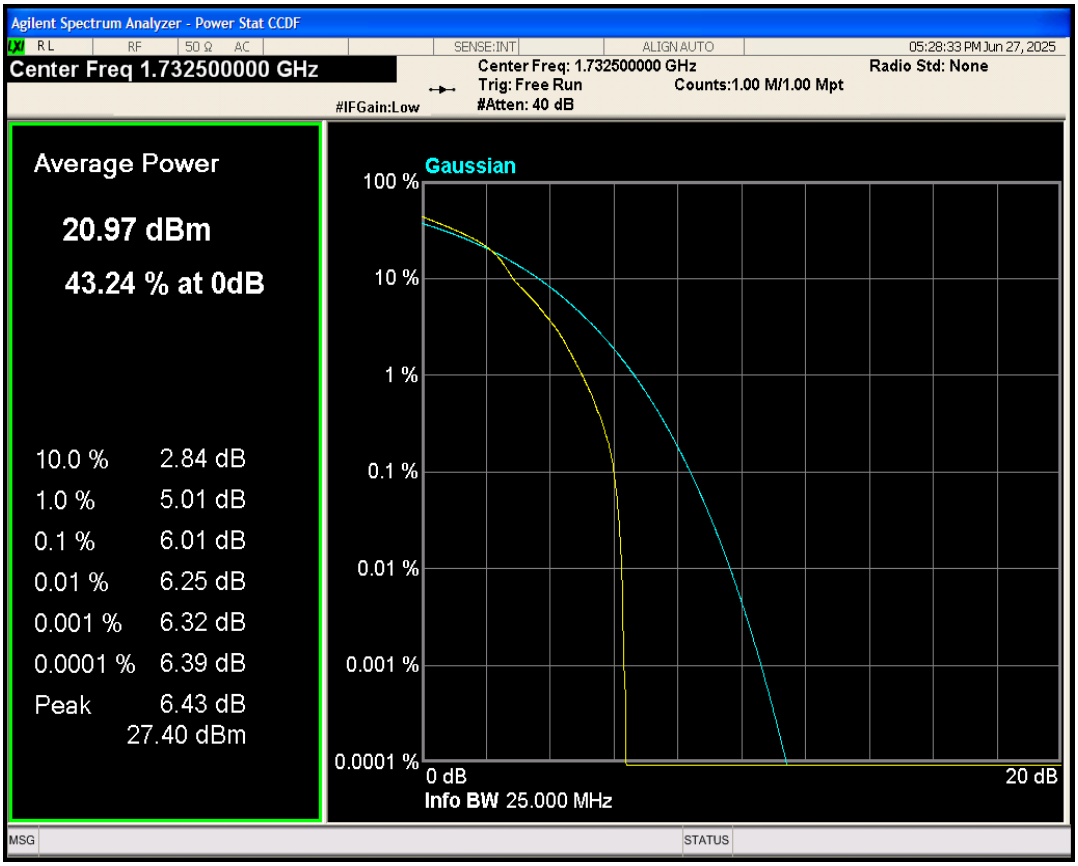
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0 NVNT



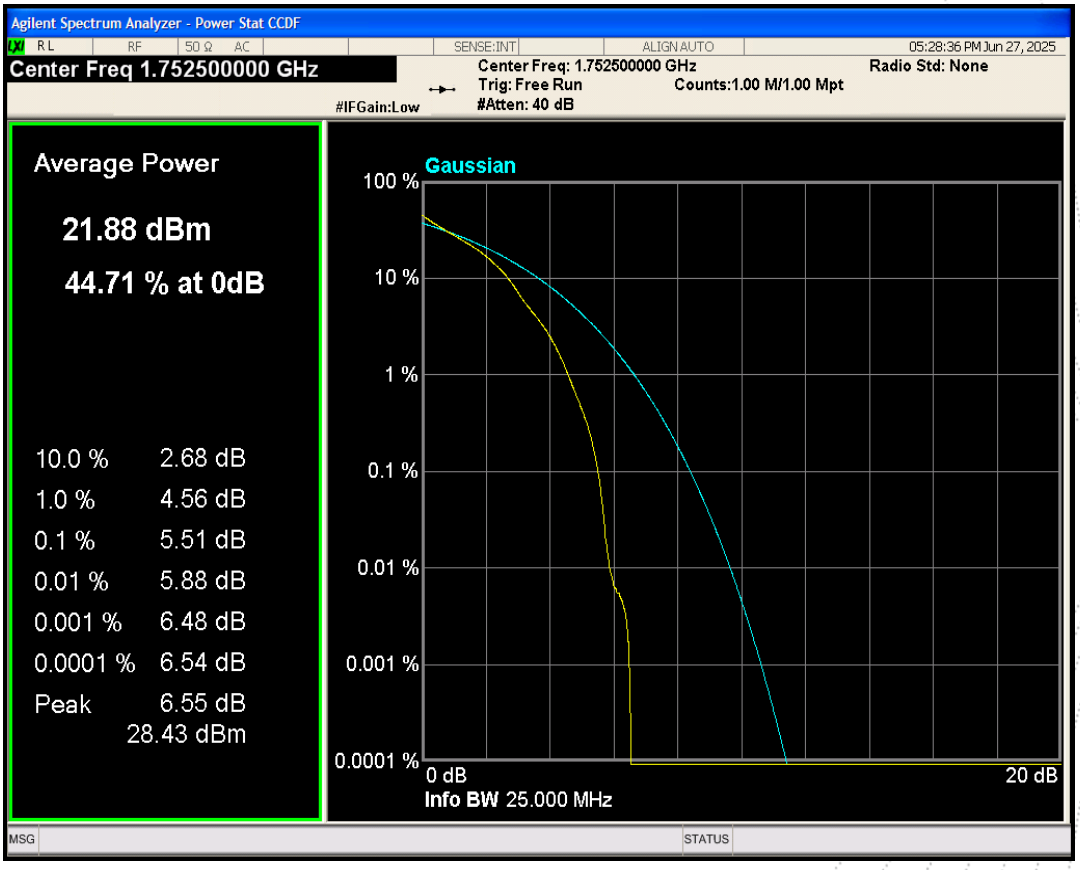
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0 NVNT



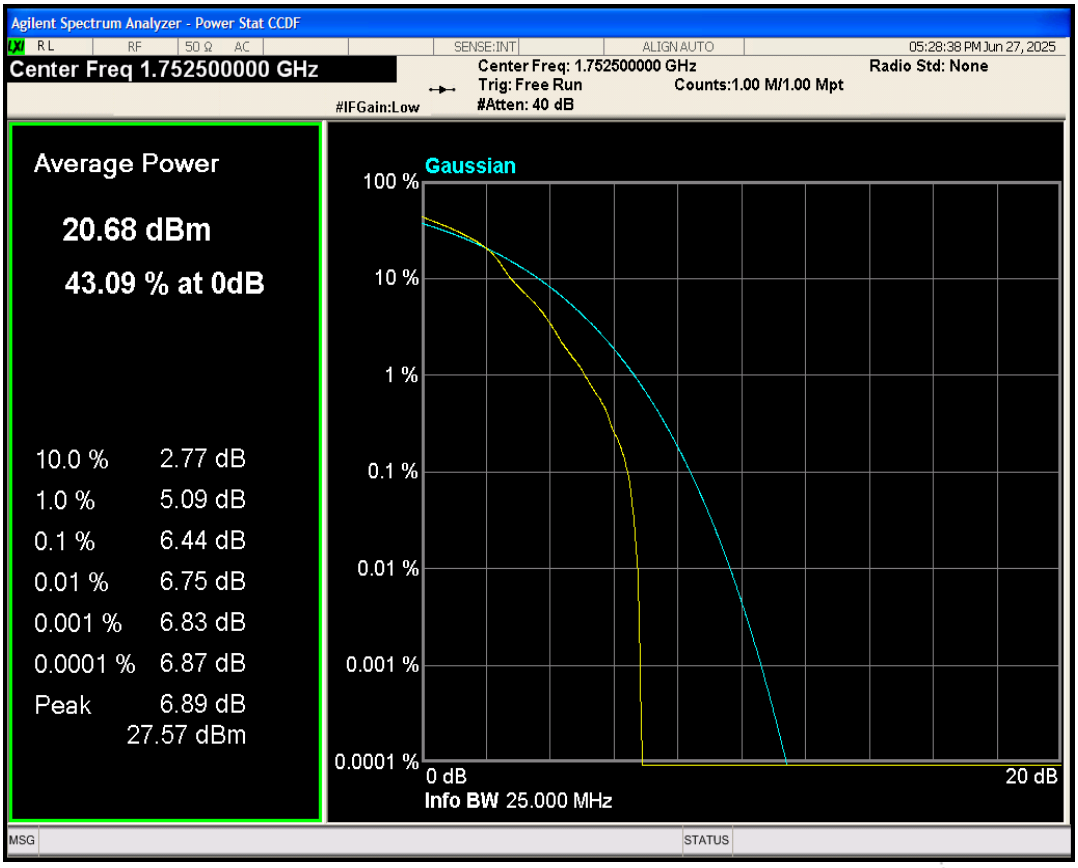
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0 NVNT



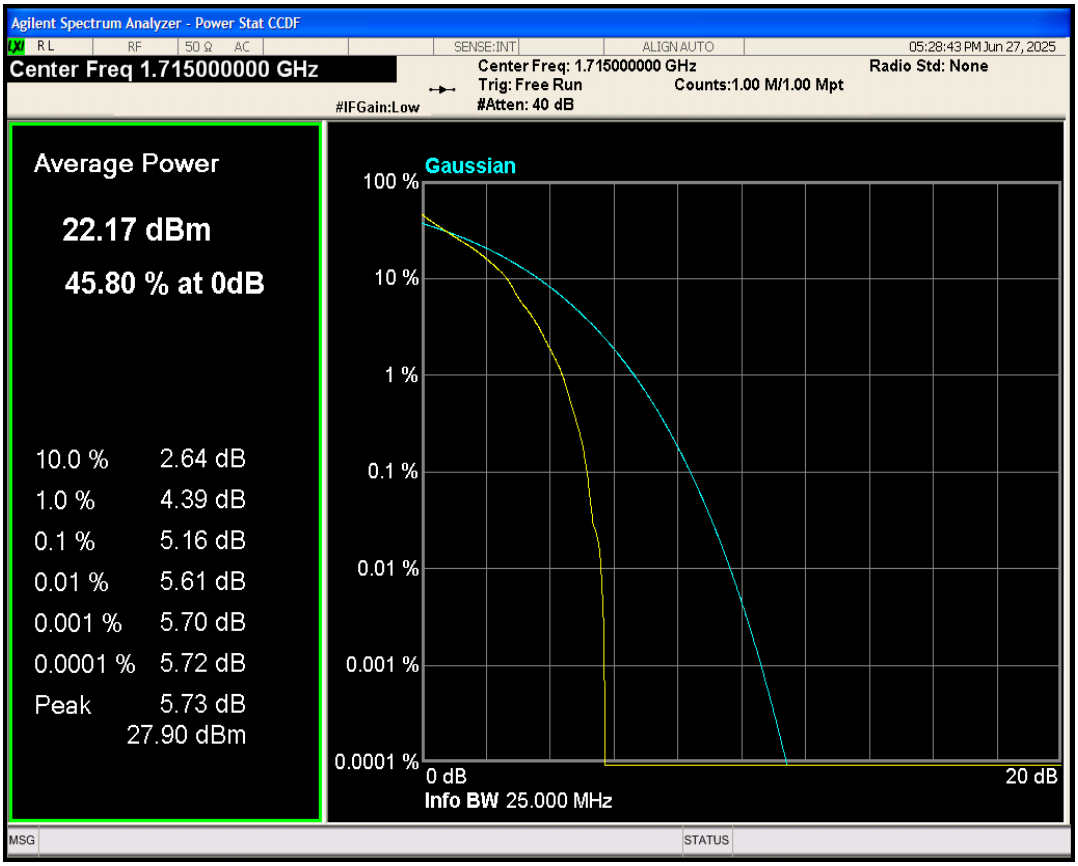
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0 NVNT



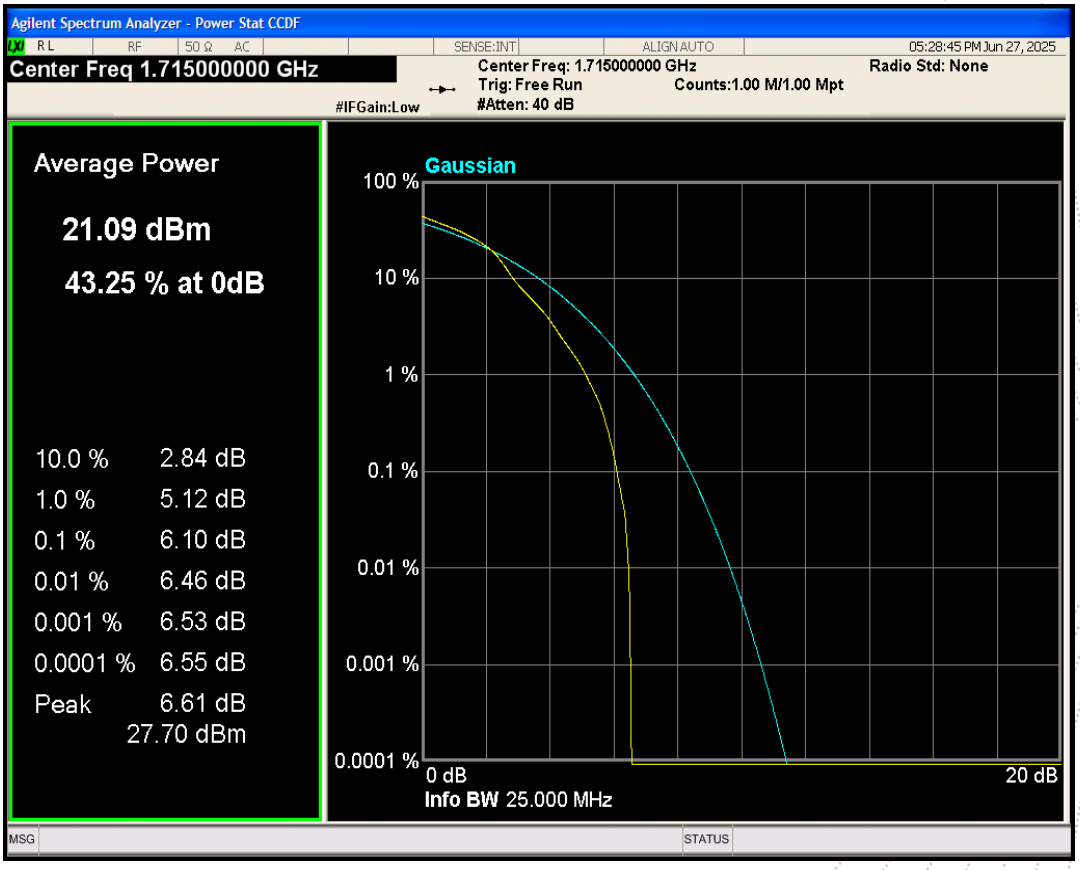
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0 NVNT



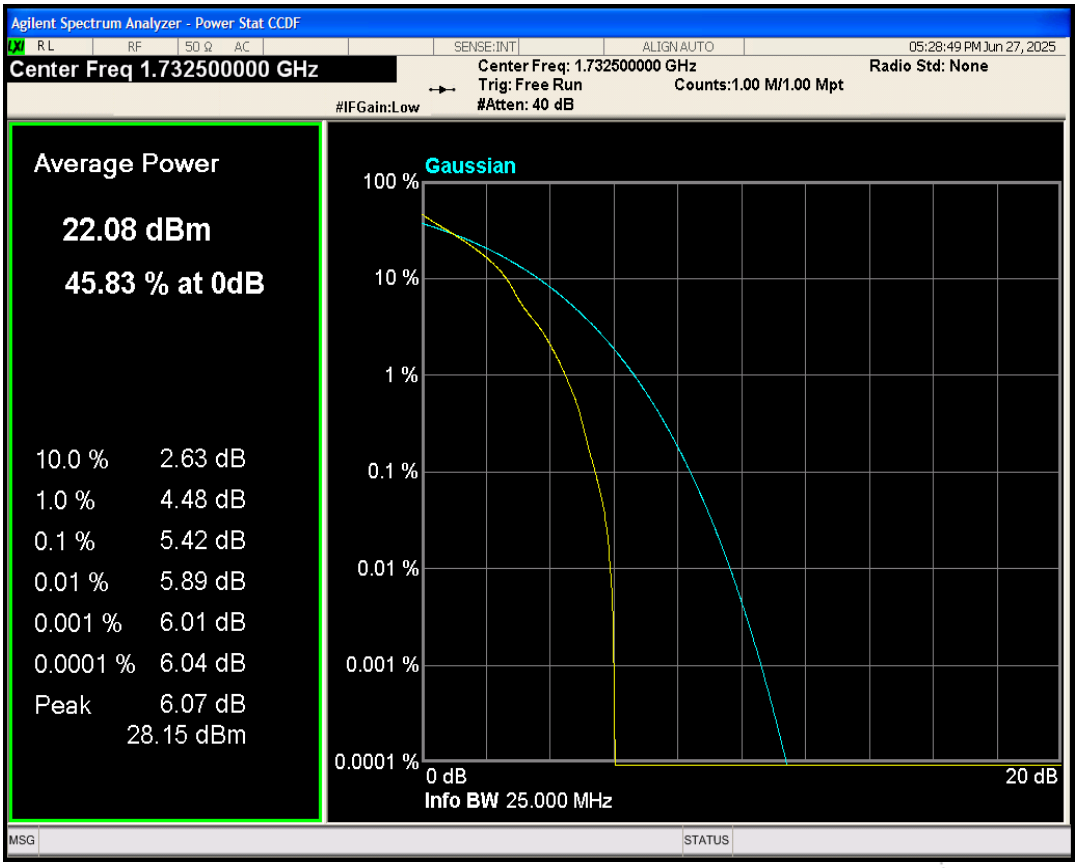
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0 NVNT



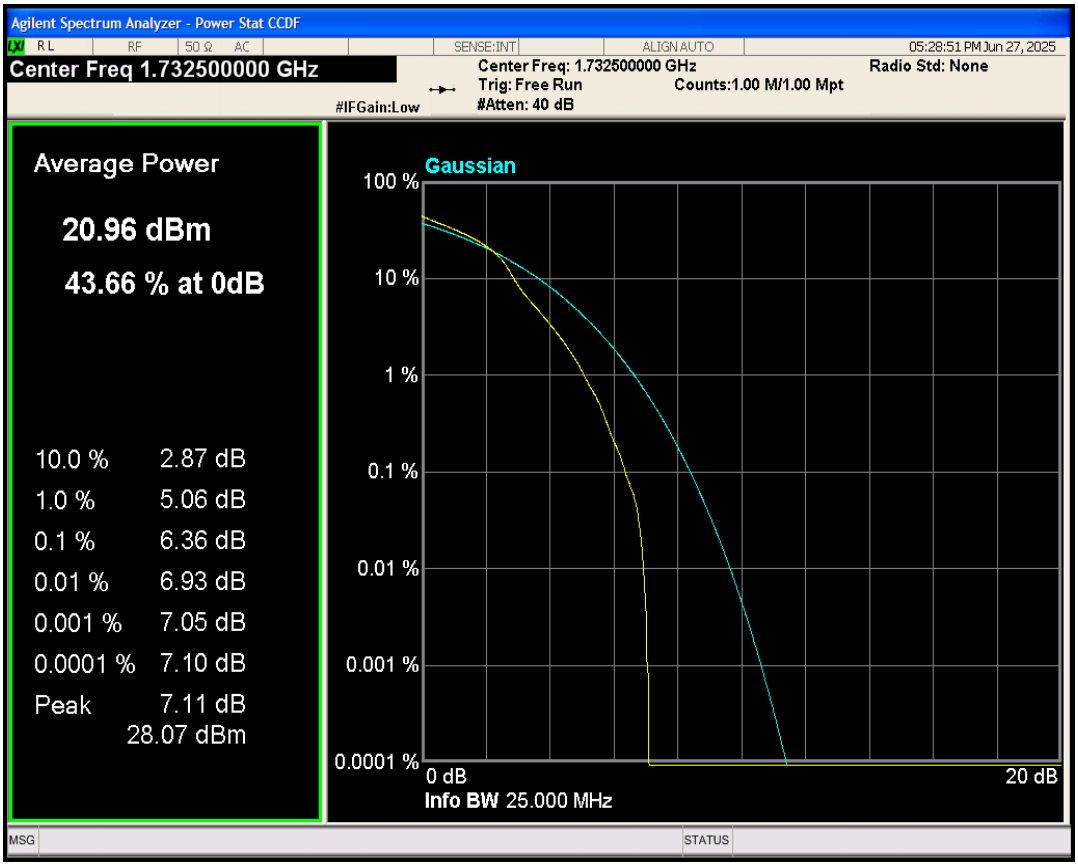
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0 NVNT



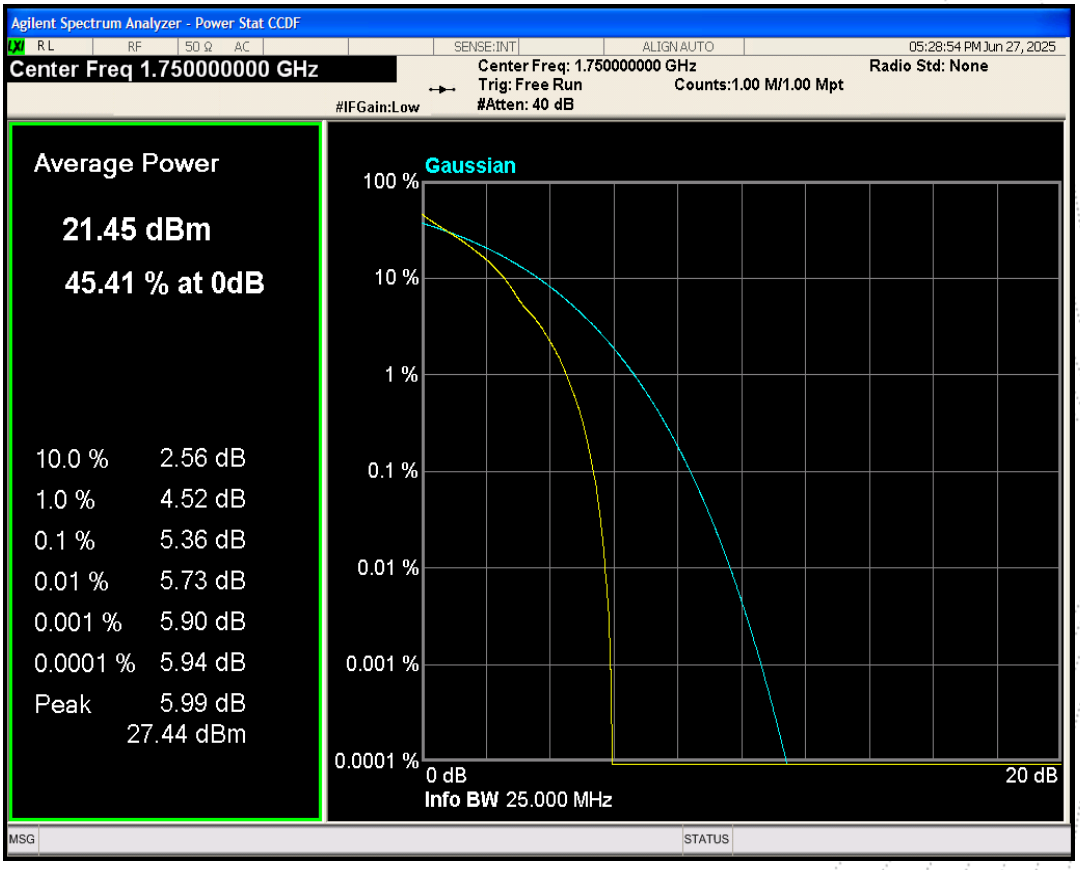
Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0 NVNT



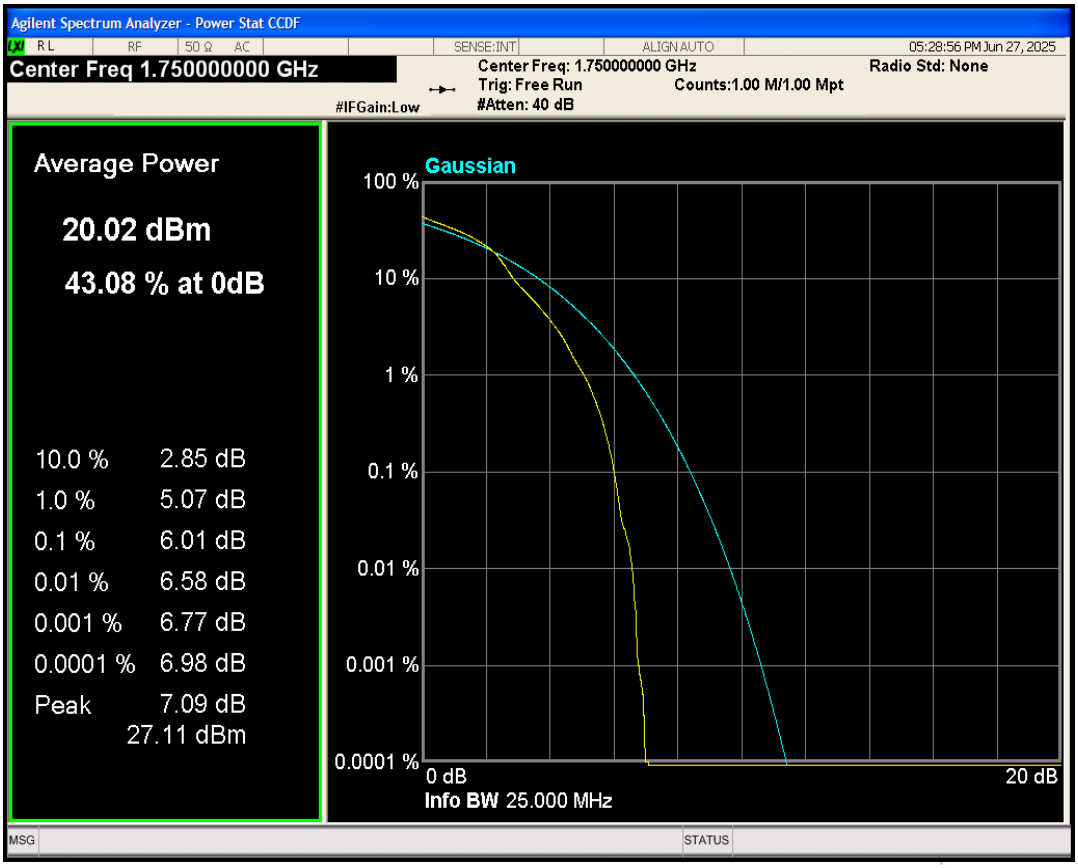
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0 NVNT



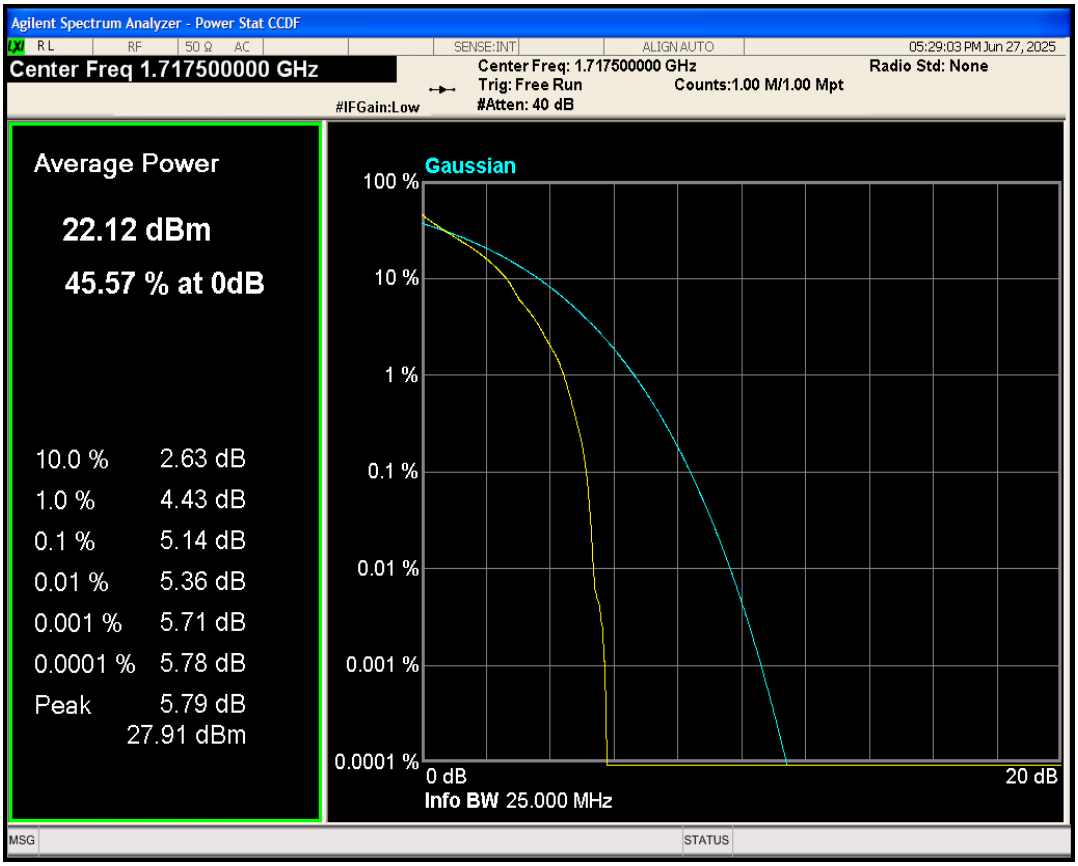
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0 NVNT



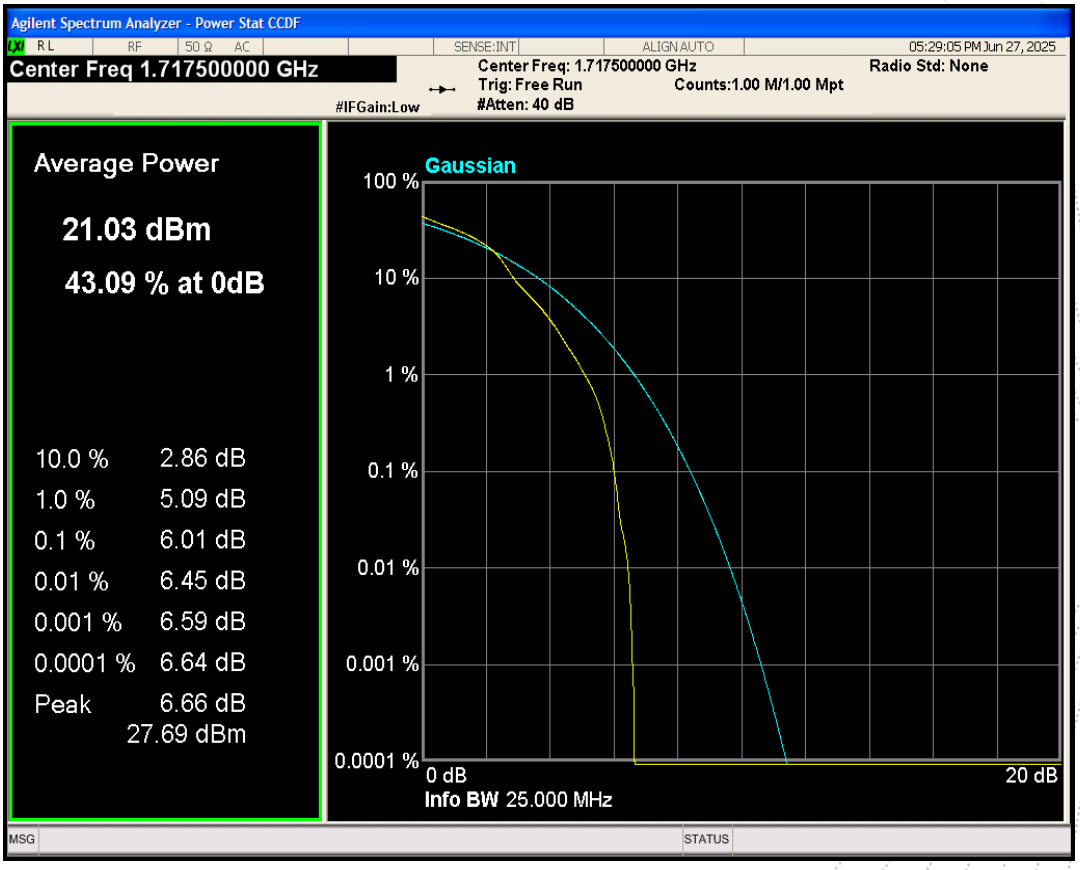
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0 NVNT



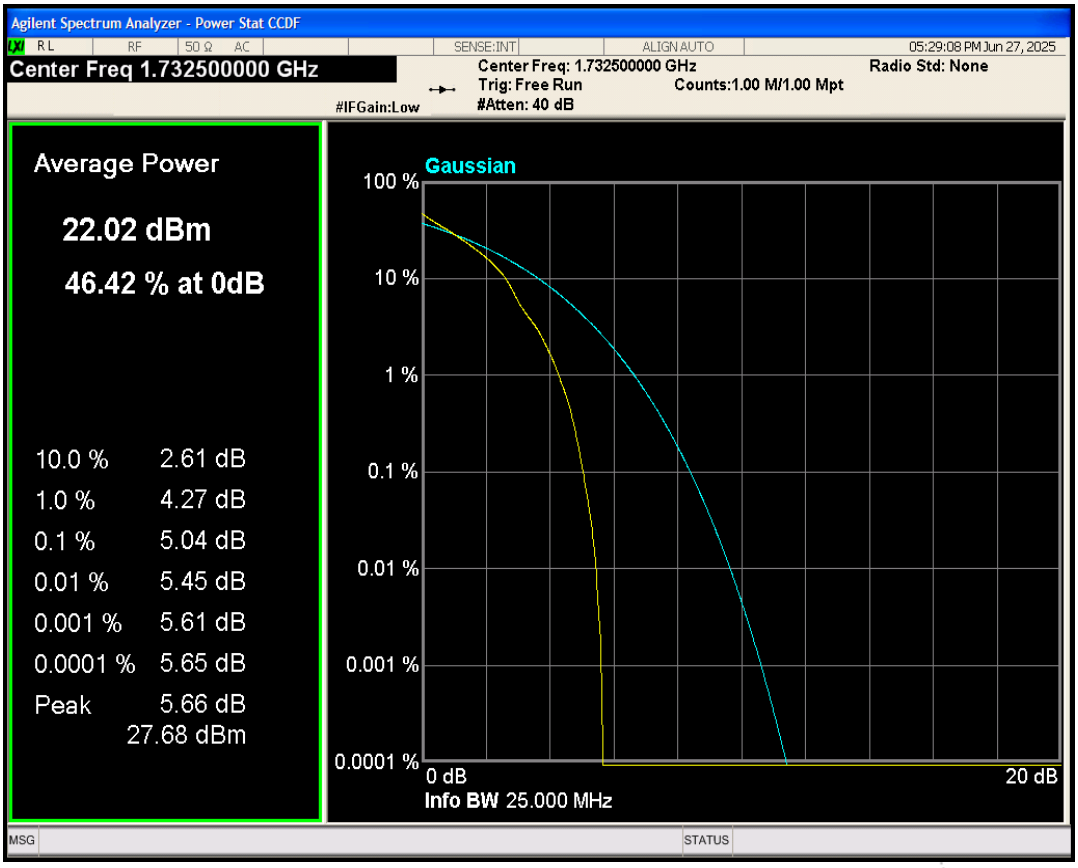
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0 NVNT



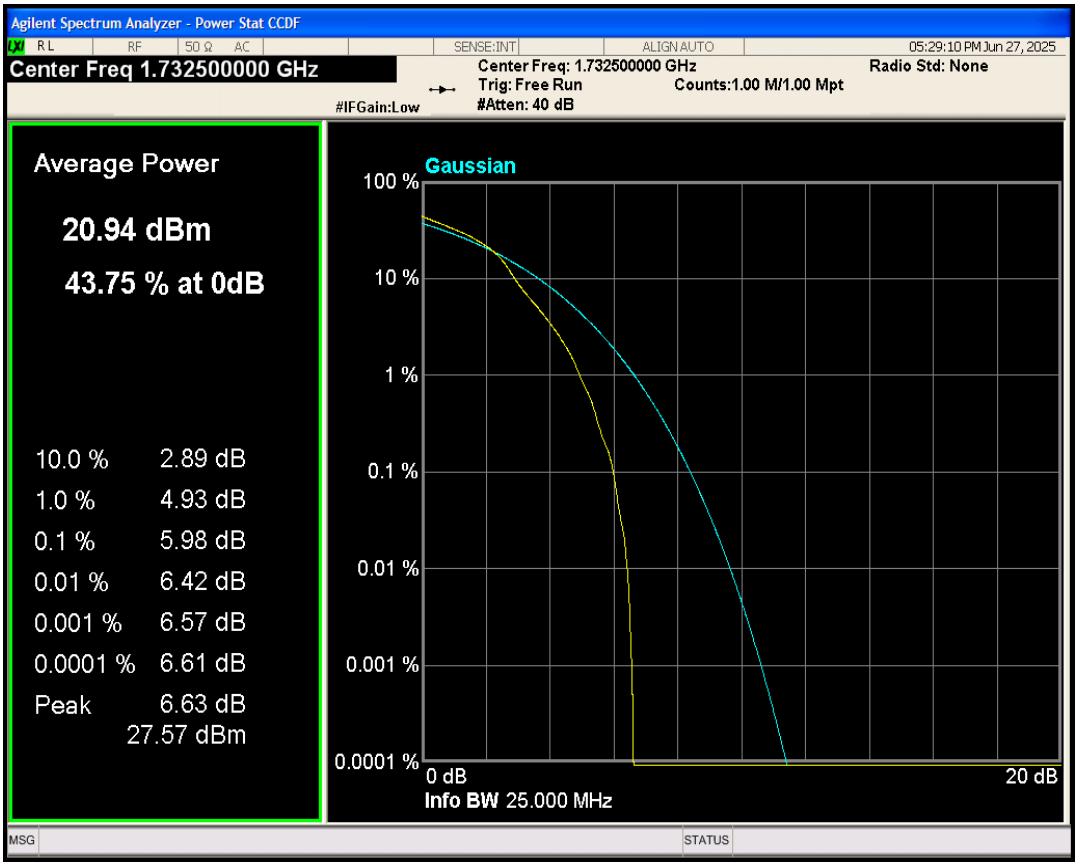
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0 NVNT



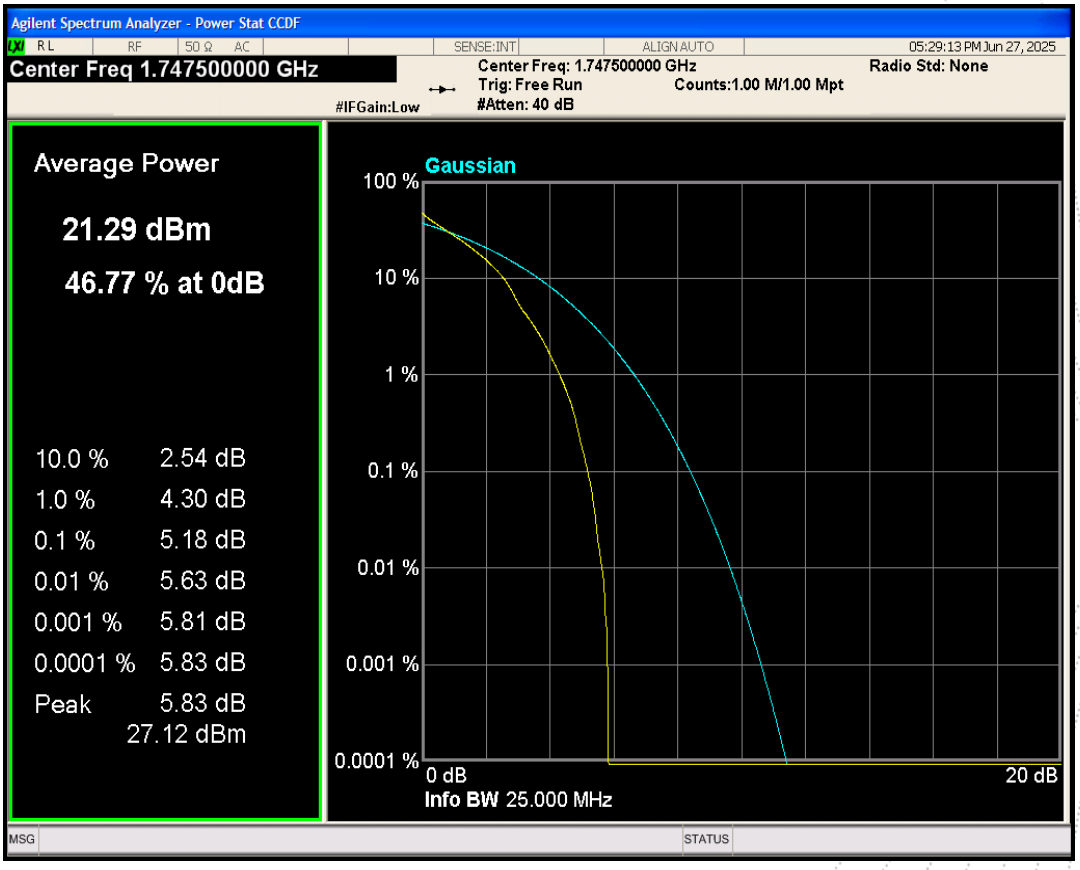
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0 NVNT



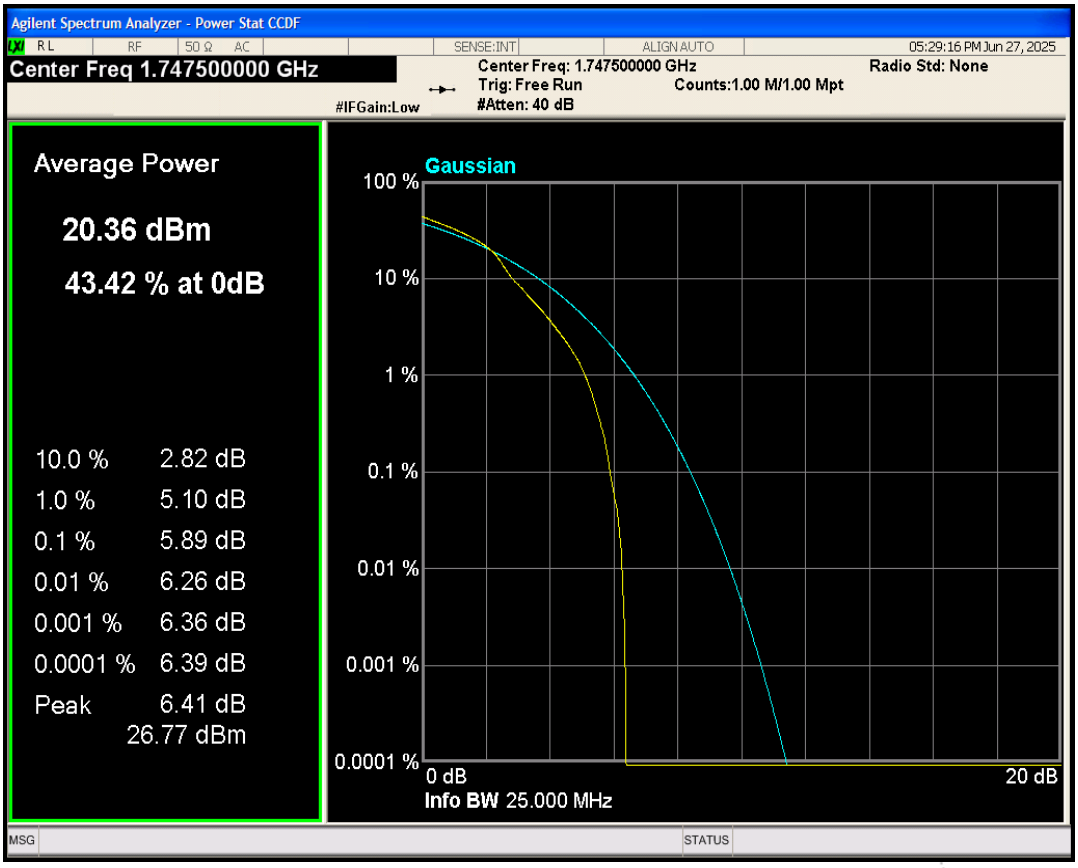
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0 NVNT



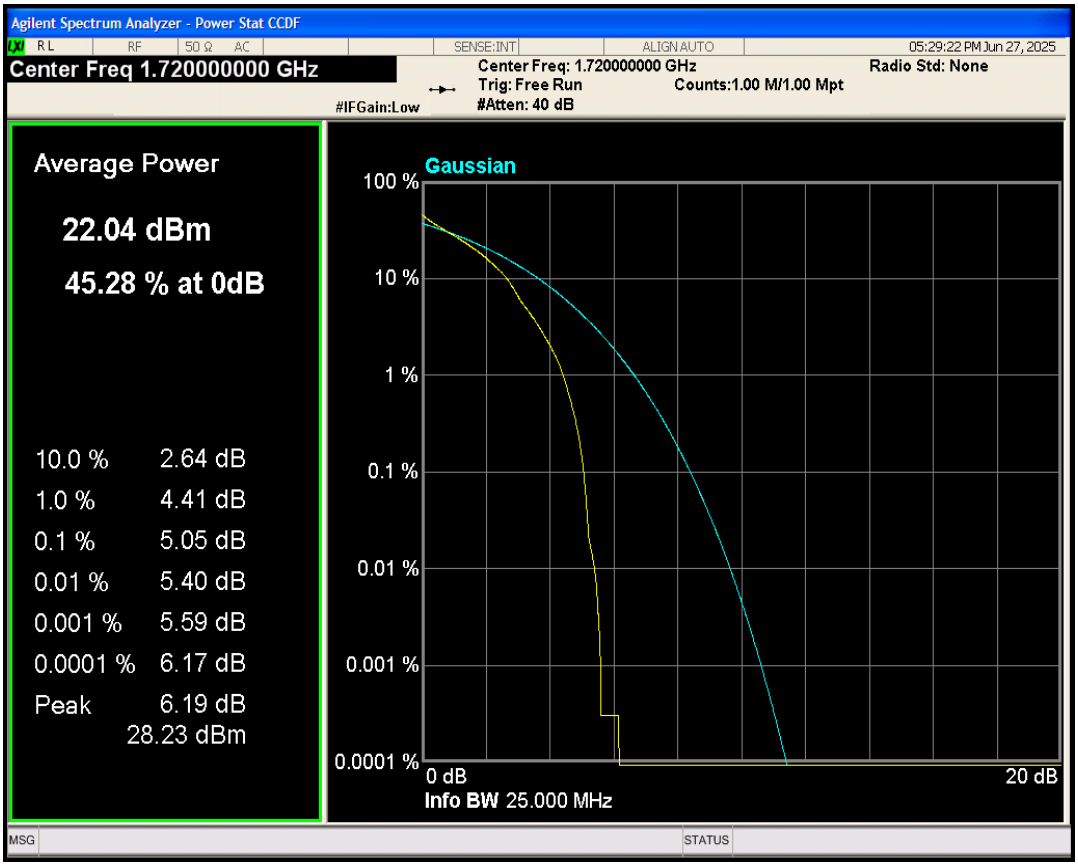
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0 NVNT



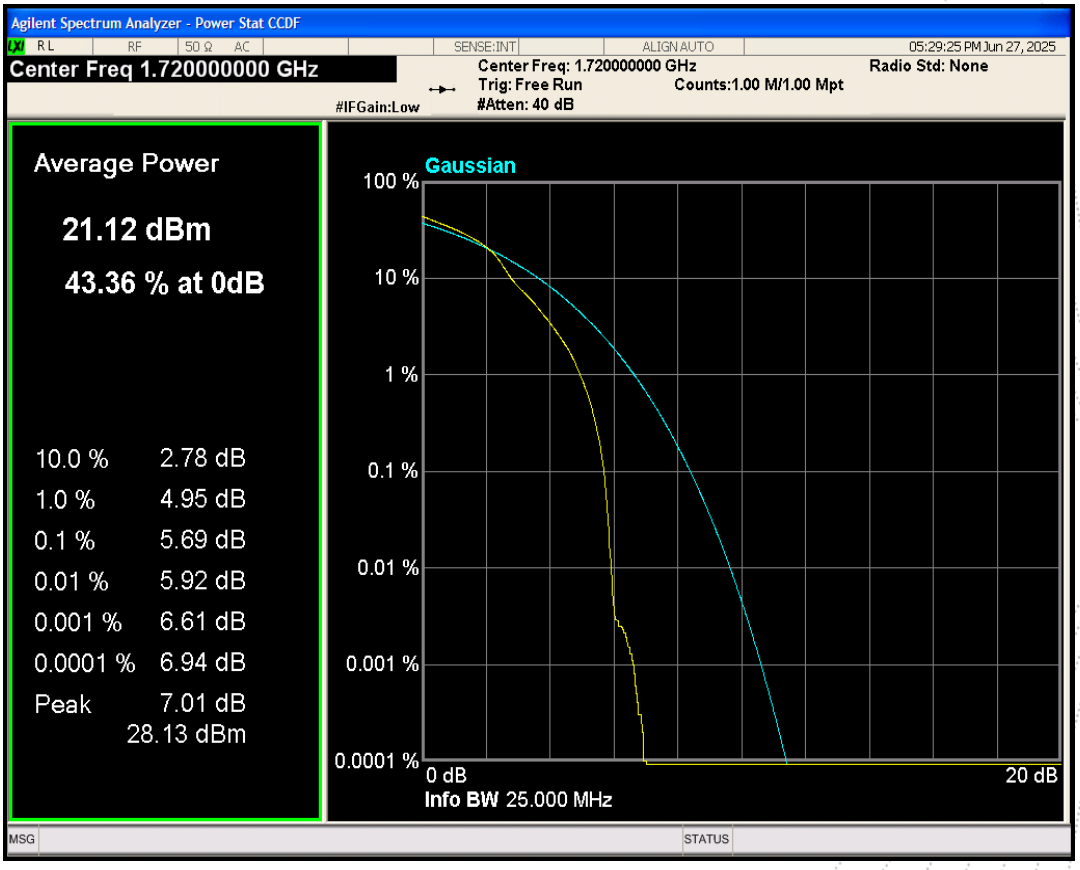
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0 NVNT



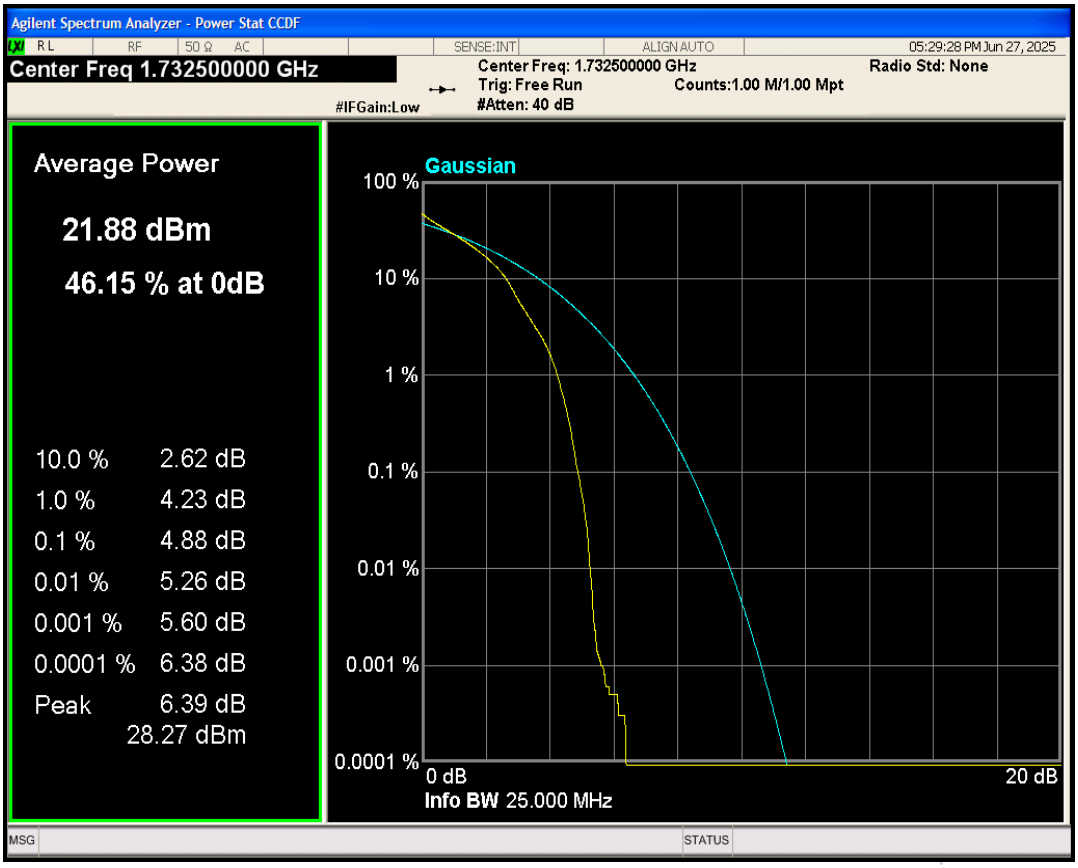
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0 NVNT



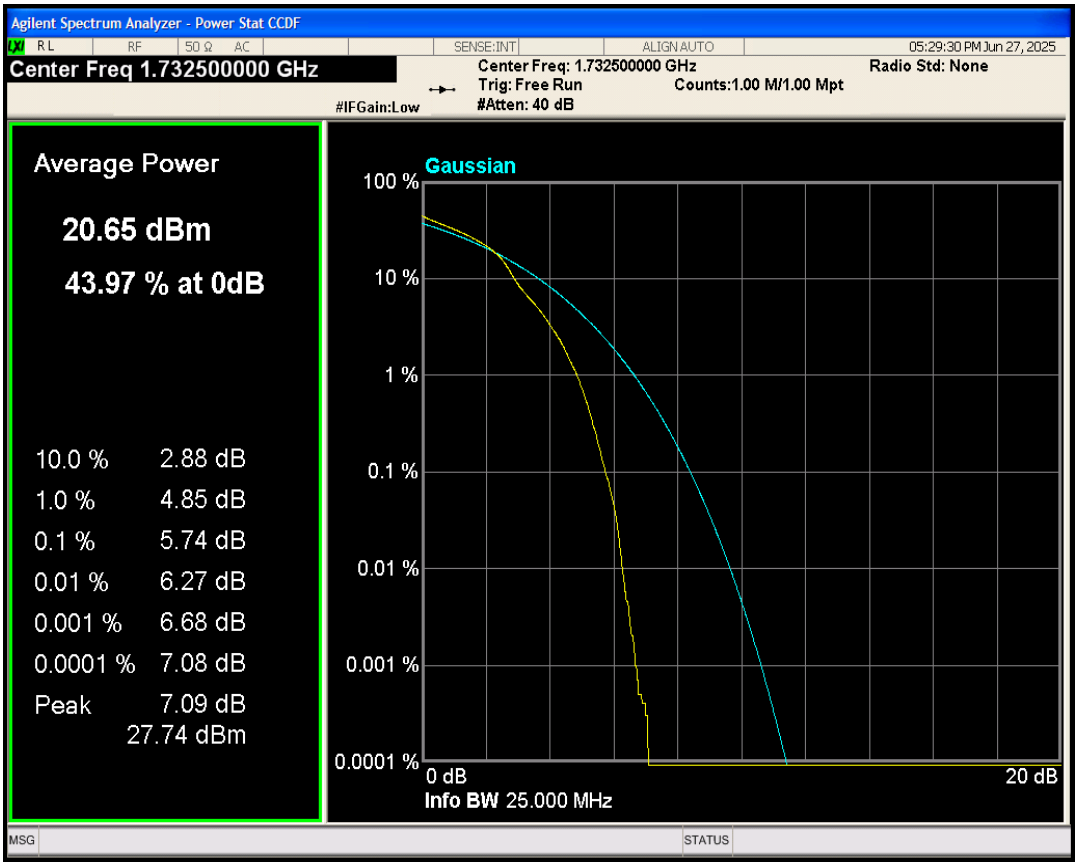
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0 NVNT



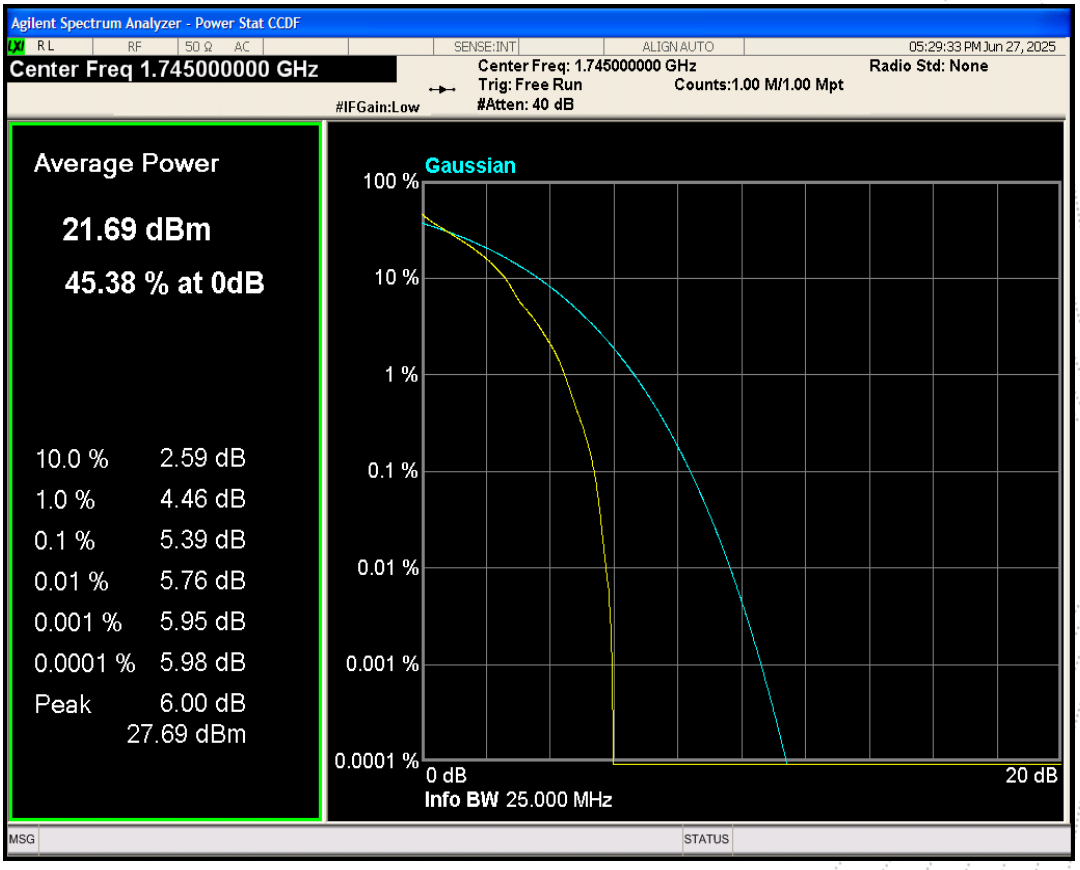
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0 NVNT



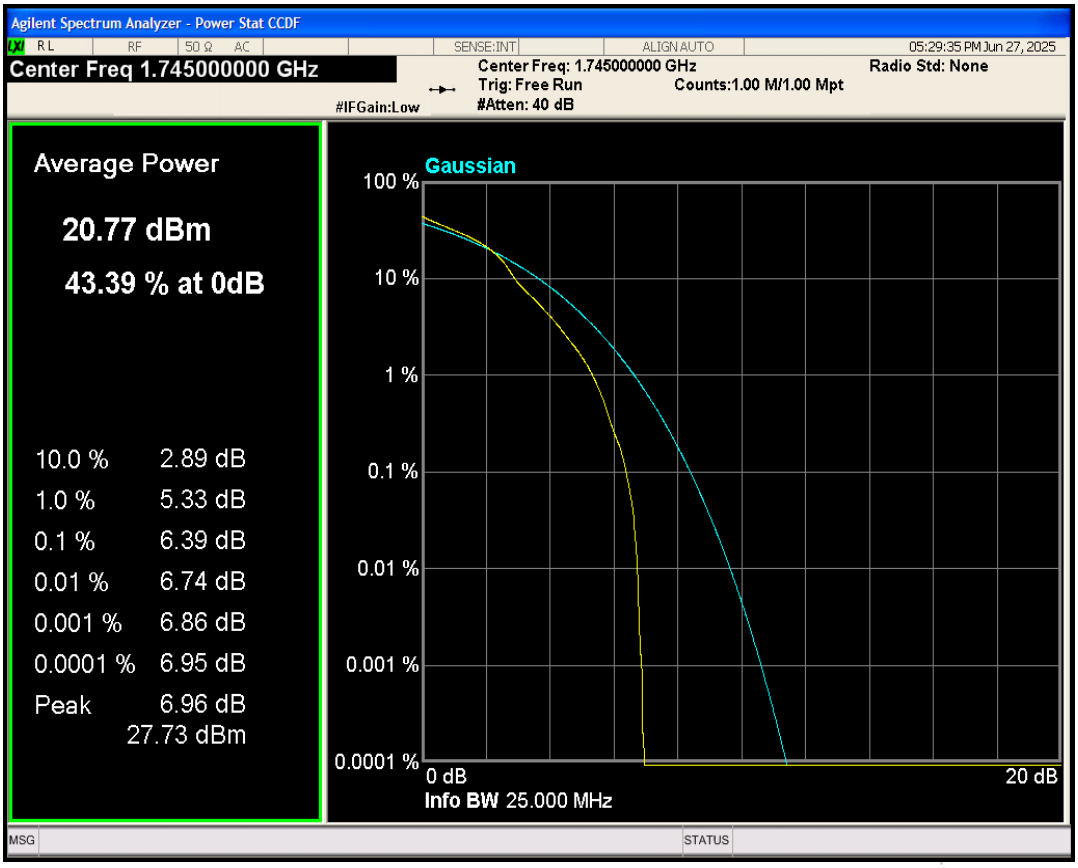
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0 NVNT



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



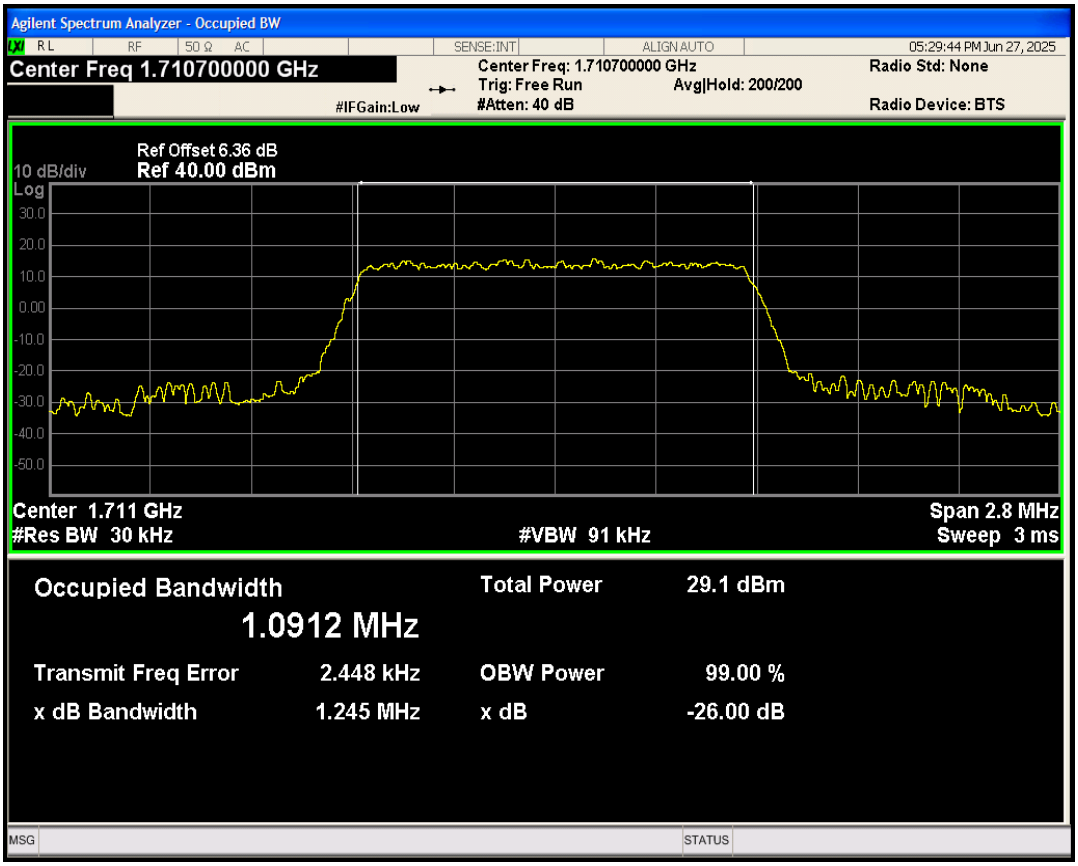
Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0 NVNT



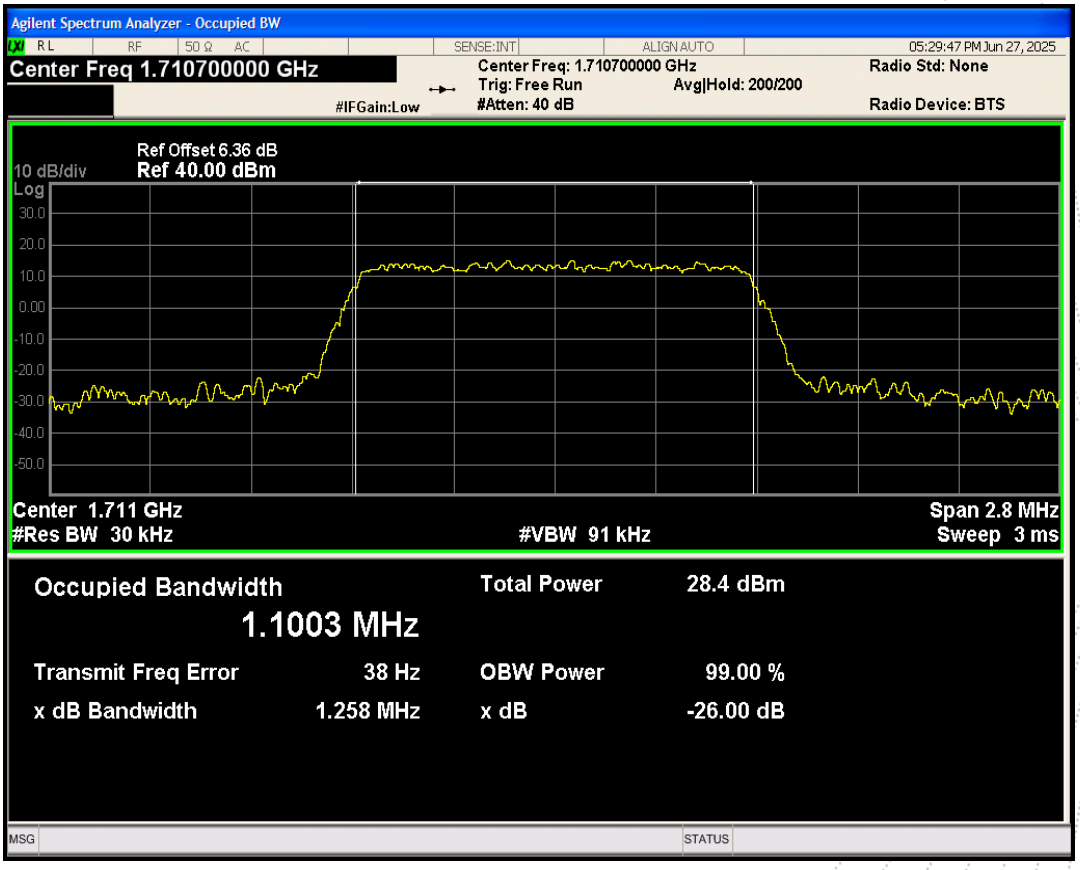
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0 NVNT

Appendix 4.Occupied bandwidth

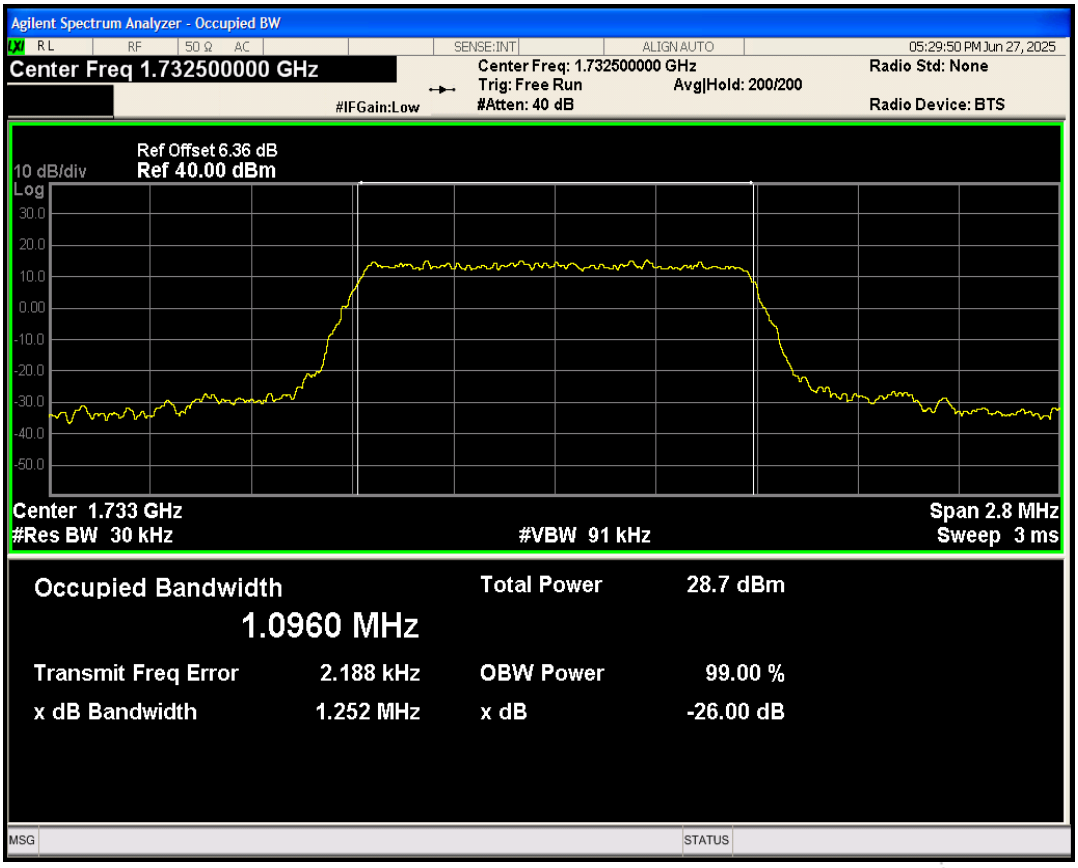
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band4	1.4	19957	6	#0	QPSK	1.091	1.245	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	1.100	1.258	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	1.096	1.252	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	1.090	1.239	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	1.106	1.243	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	1.095	1.247	PASS
NVNT	Band4	3	19965	15	#0	QPSK	2.705	3.048	PASS
NVNT	Band4	3	19965	15	#0	16QAM	2.697	2.998	PASS
NVNT	Band4	3	20175	15	#0	QPSK	2.701	3.016	PASS
NVNT	Band4	3	20175	15	#0	16QAM	2.706	3.019	PASS
NVNT	Band4	3	20385	15	#0	QPSK	2.712	3.053	PASS
NVNT	Band4	3	20385	15	#0	16QAM	2.707	3.080	PASS
NVNT	Band4	5	19975	25	#0	QPSK	4.537	4.952	PASS
NVNT	Band4	5	19975	25	#0	16QAM	4.497	4.942	PASS
NVNT	Band4	5	20175	25	#0	QPSK	4.494	4.959	PASS
NVNT	Band4	5	20175	25	#0	16QAM	4.520	4.992	PASS
NVNT	Band4	5	20375	25	#0	QPSK	4.500	4.971	PASS
NVNT	Band4	5	20375	25	#0	16QAM	4.518	4.969	PASS
NVNT	Band4	10	20000	50	#0	QPSK	8.979	9.851	PASS
NVNT	Band4	10	20000	50	#0	16QAM	9.004	9.800	PASS
NVNT	Band4	10	20175	50	#0	QPSK	8.972	9.709	PASS
NVNT	Band4	10	20175	50	#0	16QAM	8.995	9.858	PASS
NVNT	Band4	10	20350	50	#0	QPSK	9.004	9.912	PASS
NVNT	Band4	10	20350	50	#0	16QAM	8.980	9.904	PASS
NVNT	Band4	15	20025	75	#0	QPSK	13.453	14.814	PASS
NVNT	Band4	15	20025	75	#0	16QAM	13.433	14.725	PASS
NVNT	Band4	15	20175	75	#0	QPSK	13.442	14.793	PASS
NVNT	Band4	15	20175	75	#0	16QAM	13.433	14.737	PASS
NVNT	Band4	15	20325	75	#0	QPSK	13.533	14.916	PASS
NVNT	Band4	15	20325	75	#0	16QAM	13.513	14.808	PASS
NVNT	Band4	20	20050	100	#0	QPSK	17.960	19.585	PASS
NVNT	Band4	20	20050	100	#0	16QAM	17.962	19.593	PASS
NVNT	Band4	20	20175	100	#0	QPSK	17.944	19.470	PASS
NVNT	Band4	20	20175	100	#0	16QAM	17.941	19.336	PASS
NVNT	Band4	20	20300	100	#0	QPSK	18.032	19.693	PASS
NVNT	Band4	20	20300	100	#0	16QAM	17.987	19.685	PASS



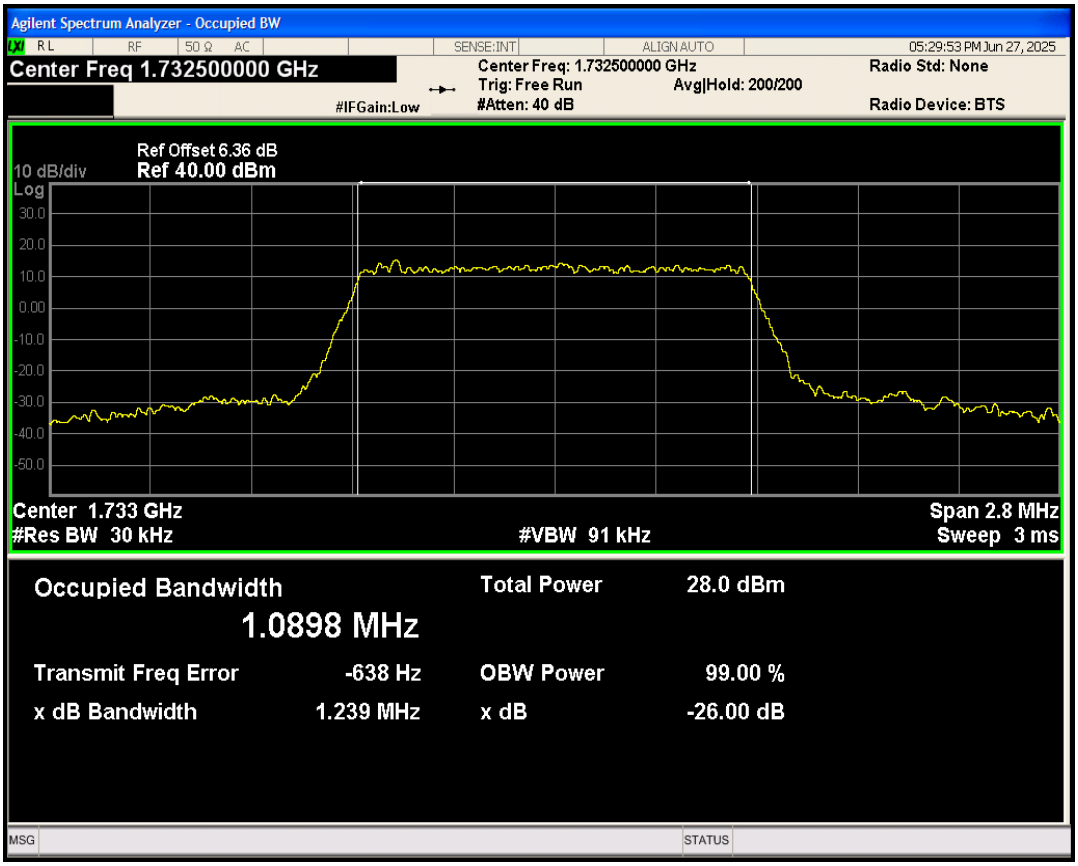
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT



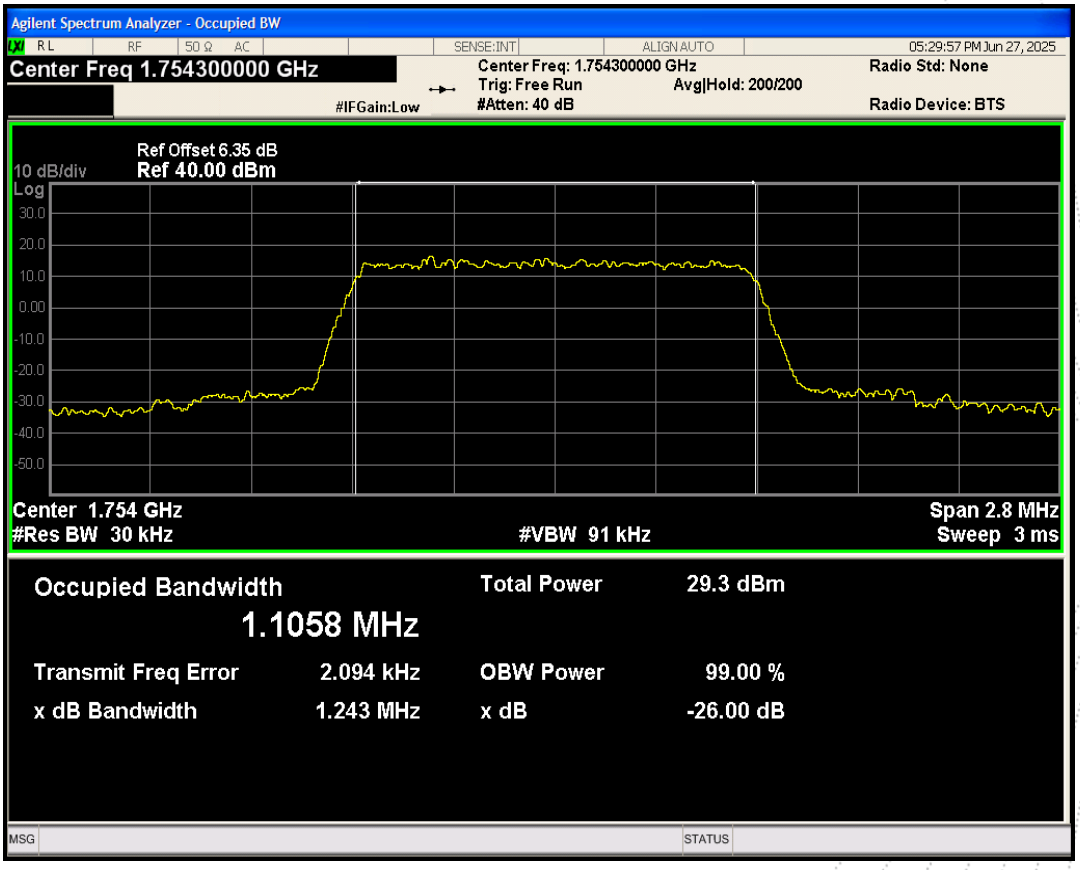
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT



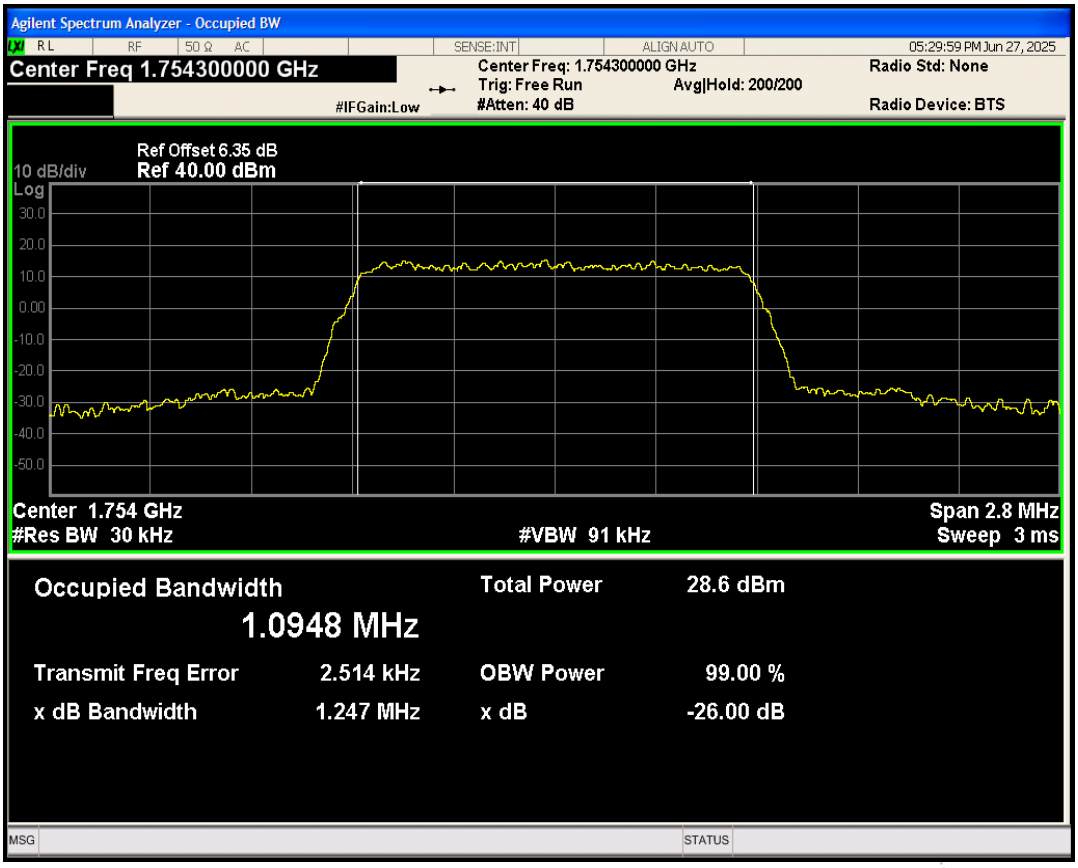
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT



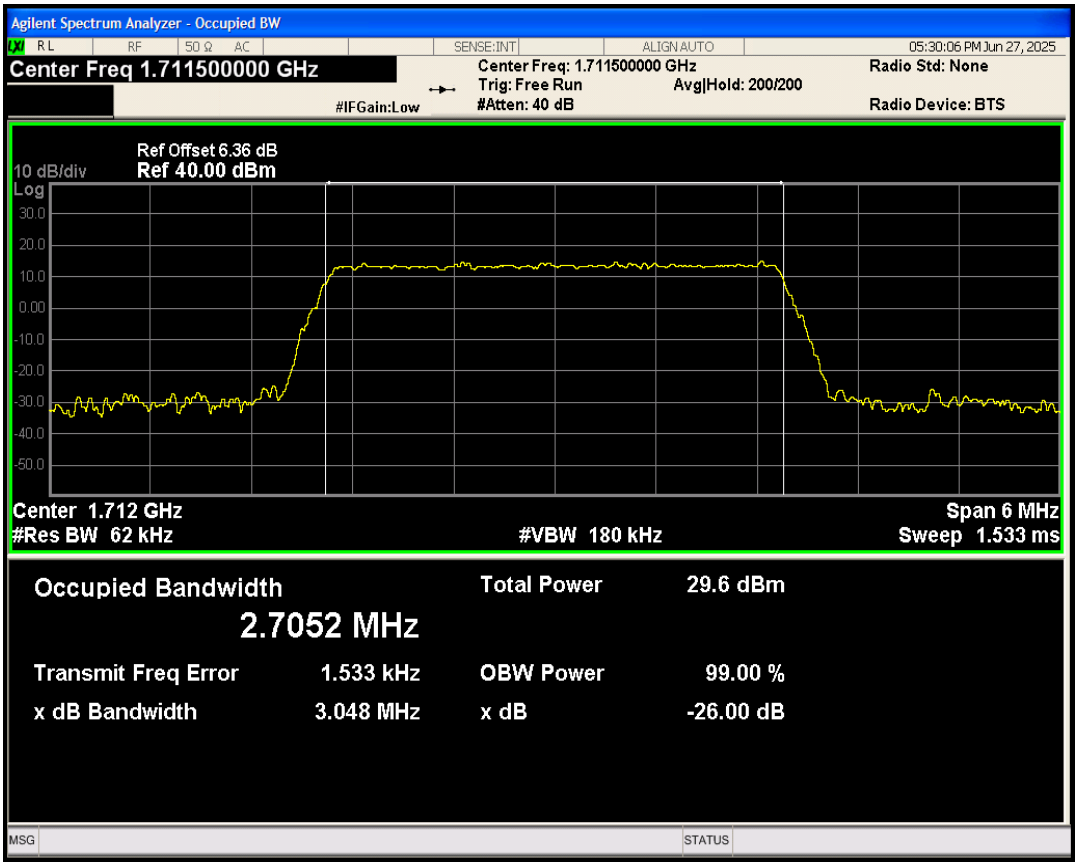
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT



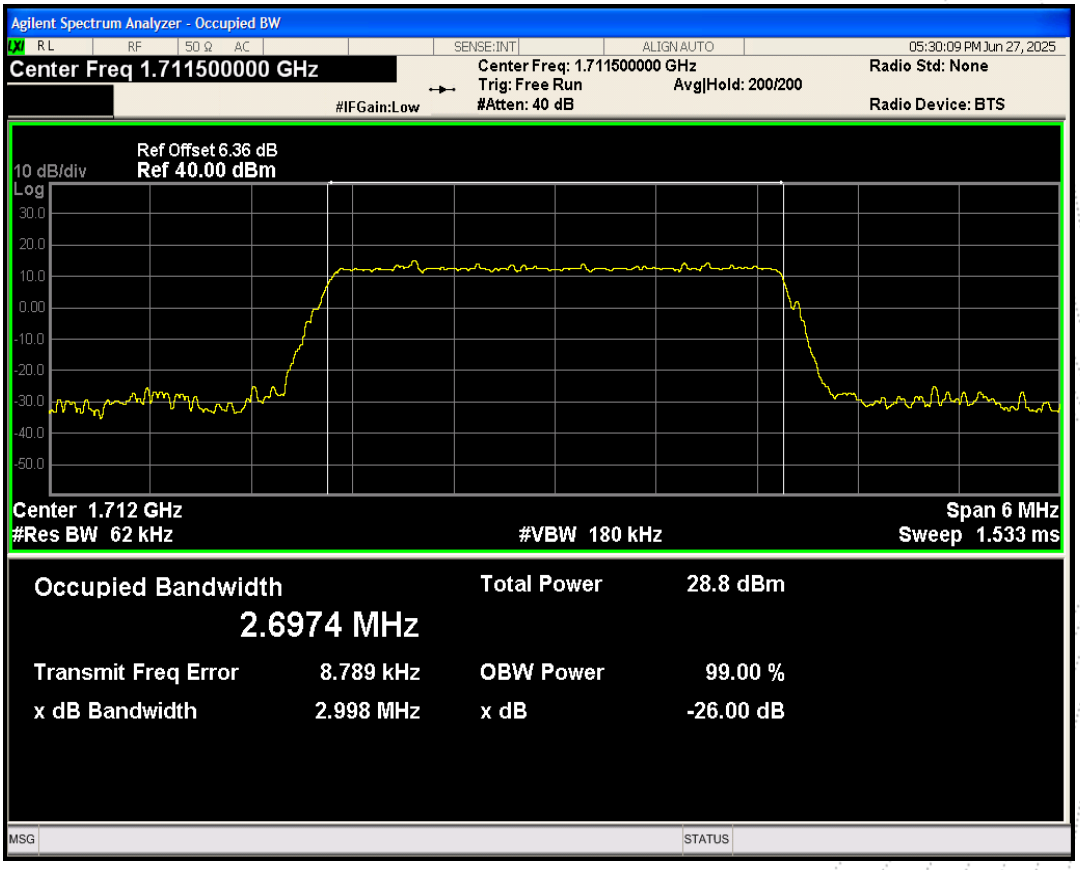
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



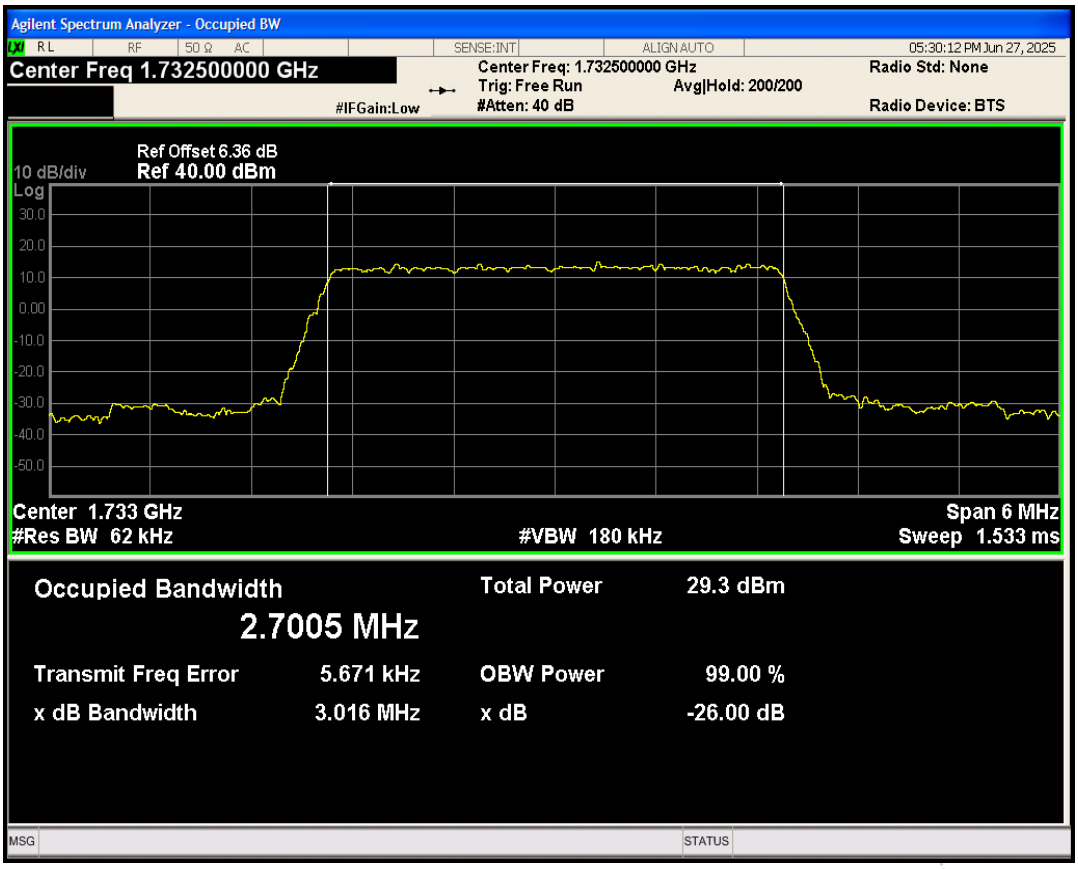
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



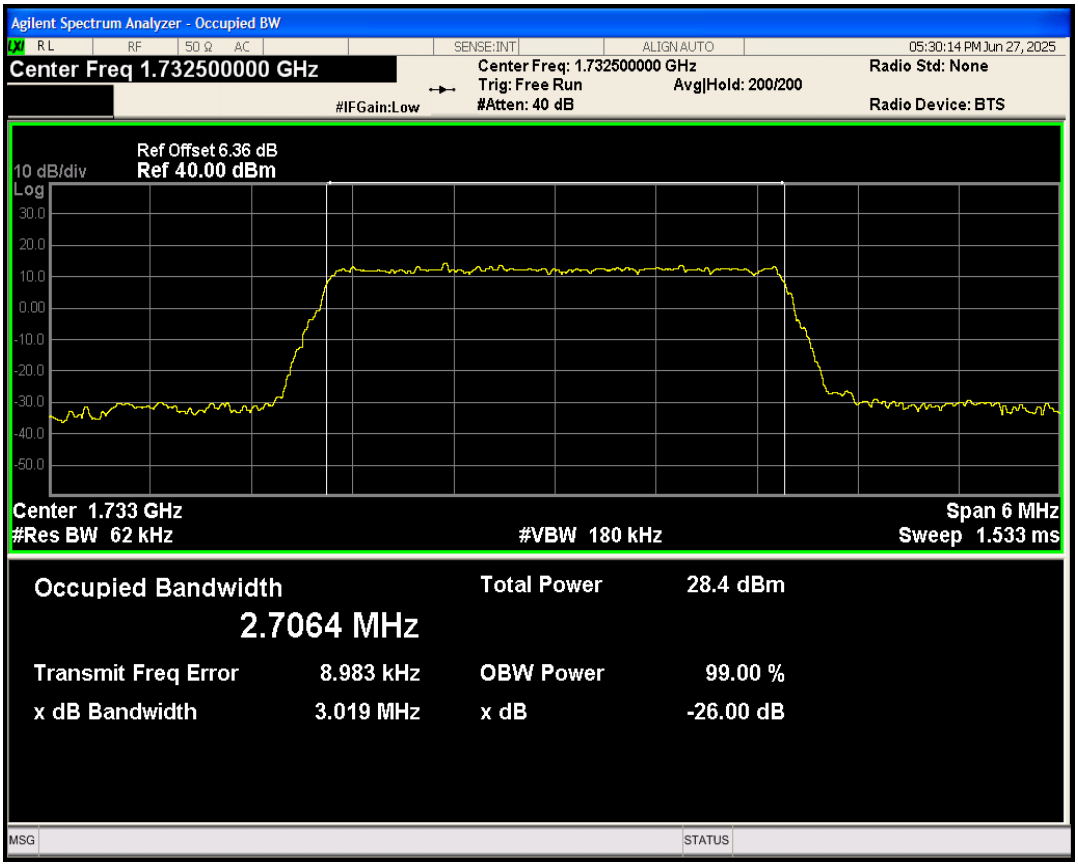
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



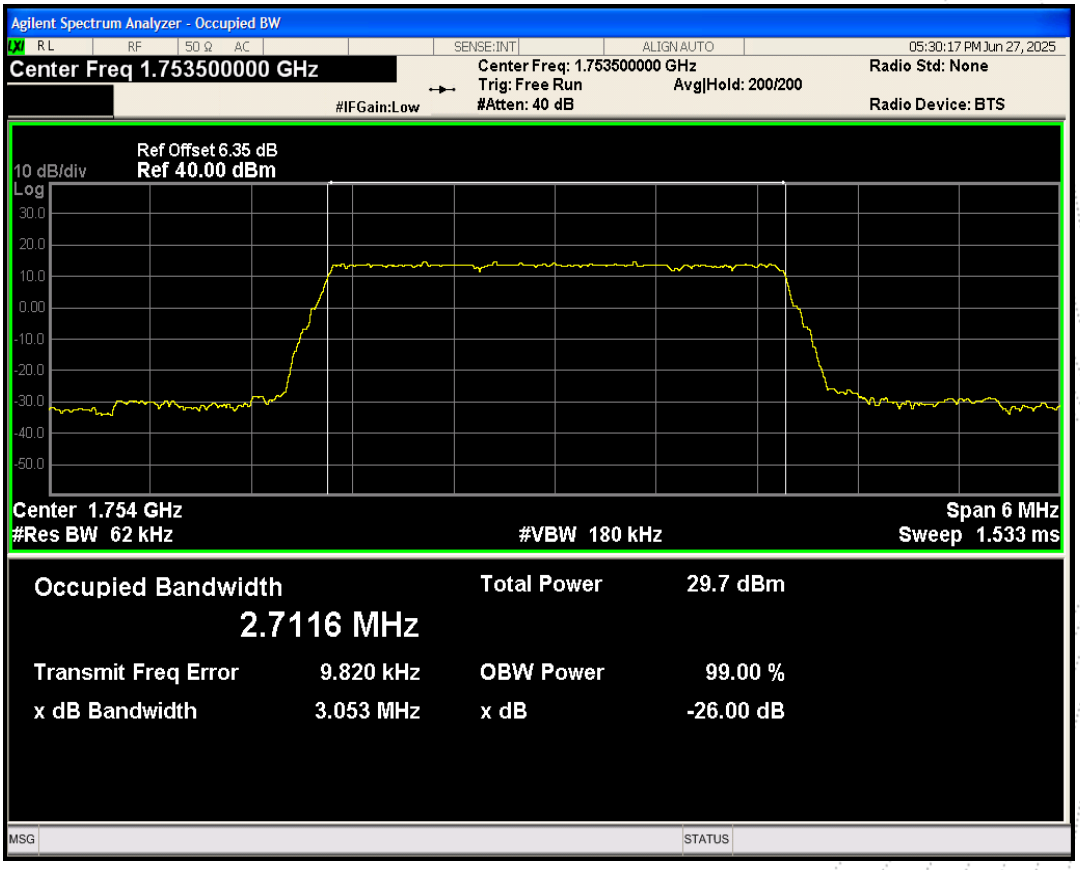
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



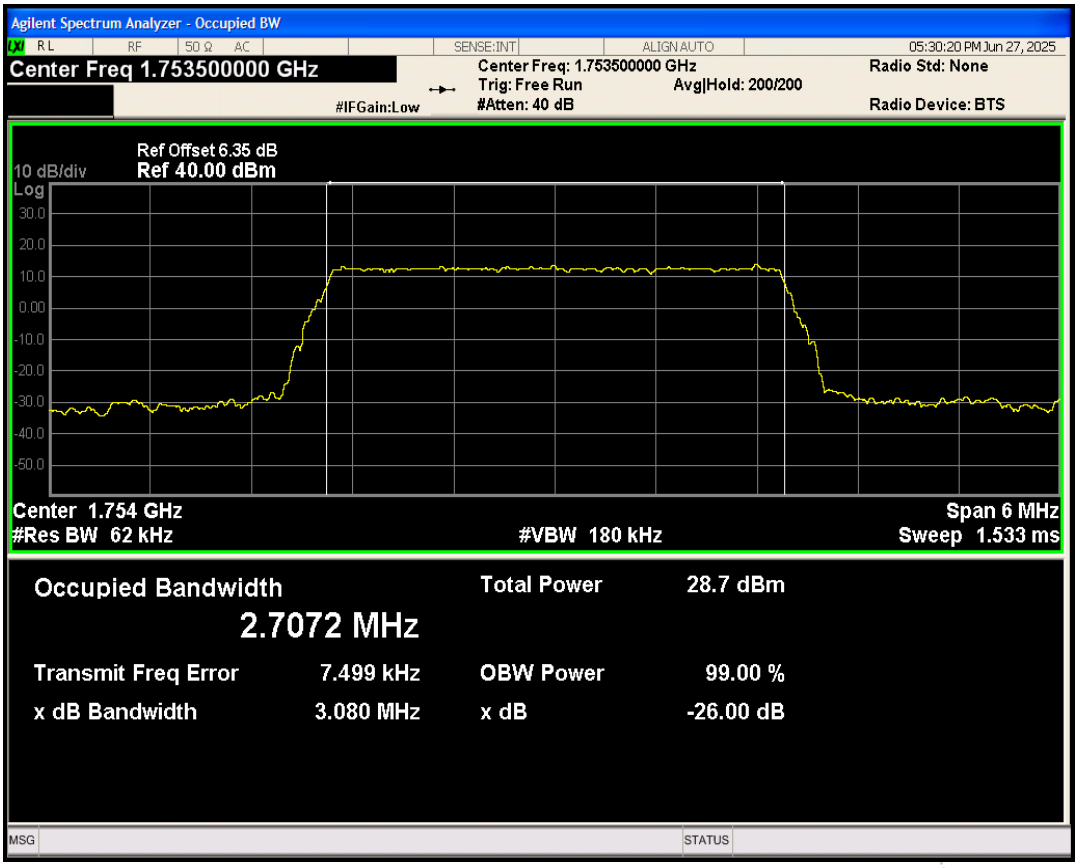
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT



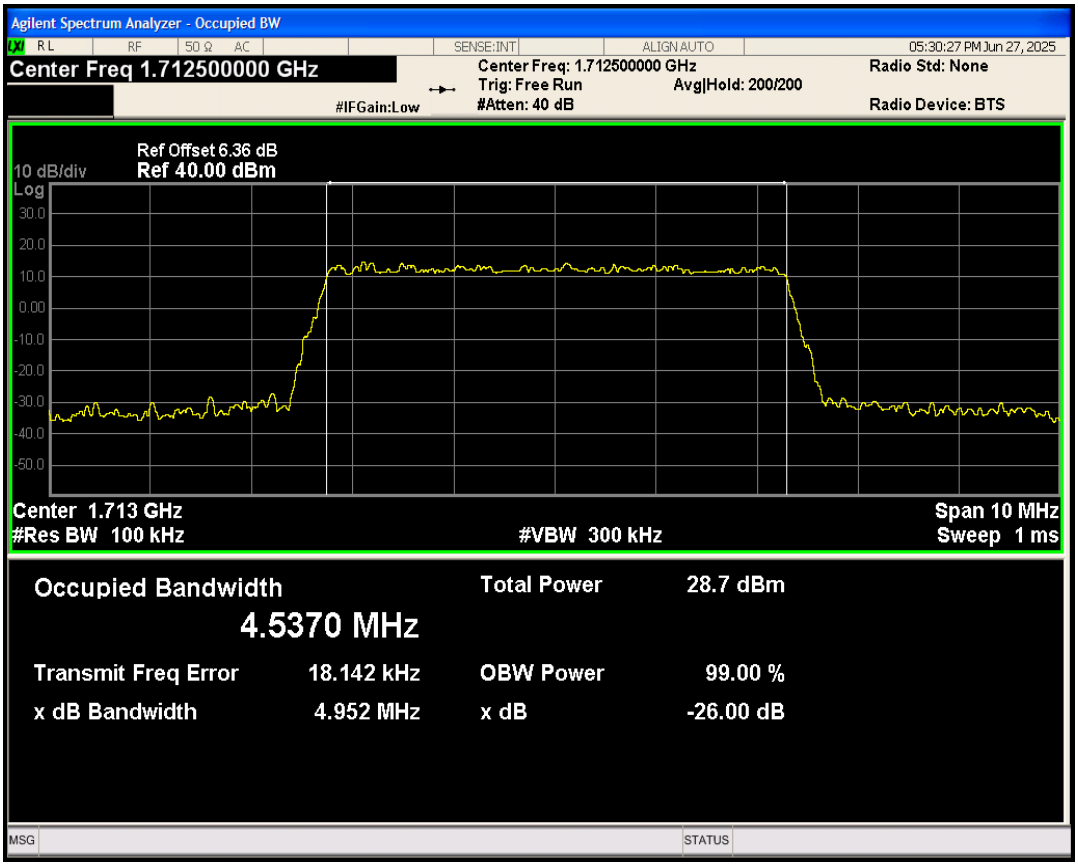
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT



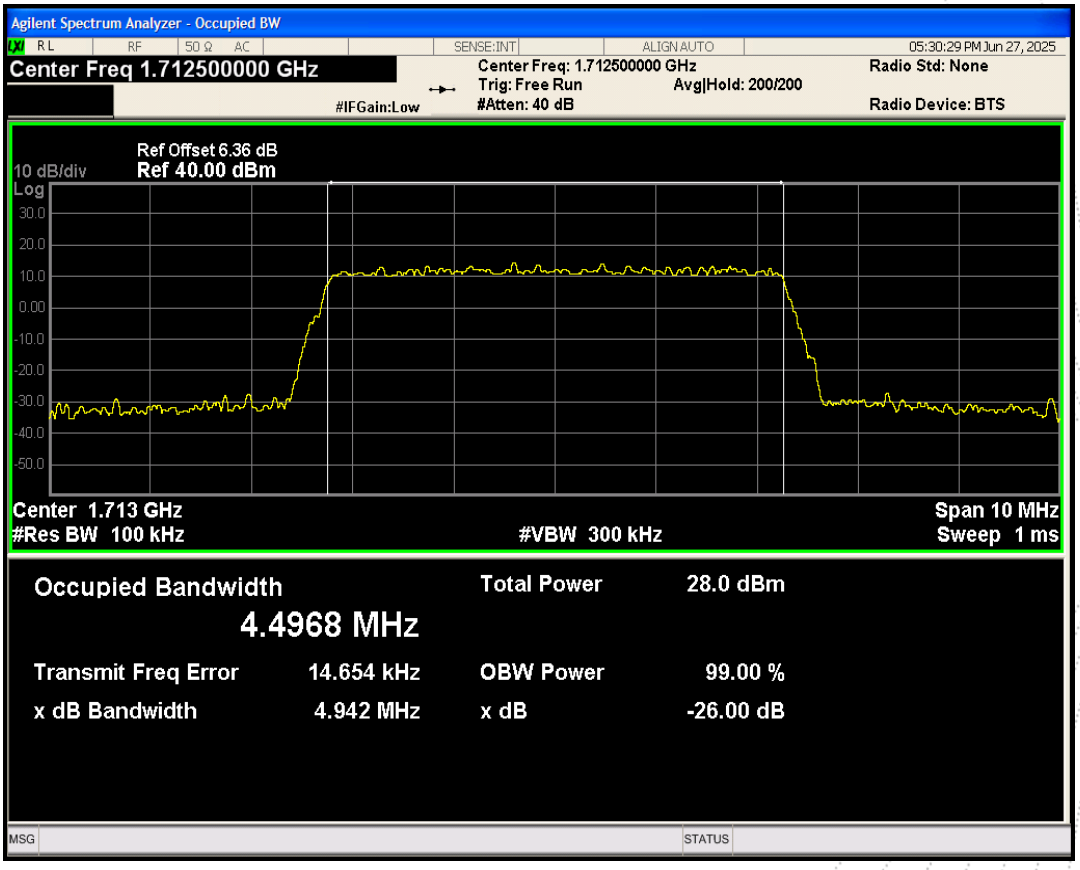
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



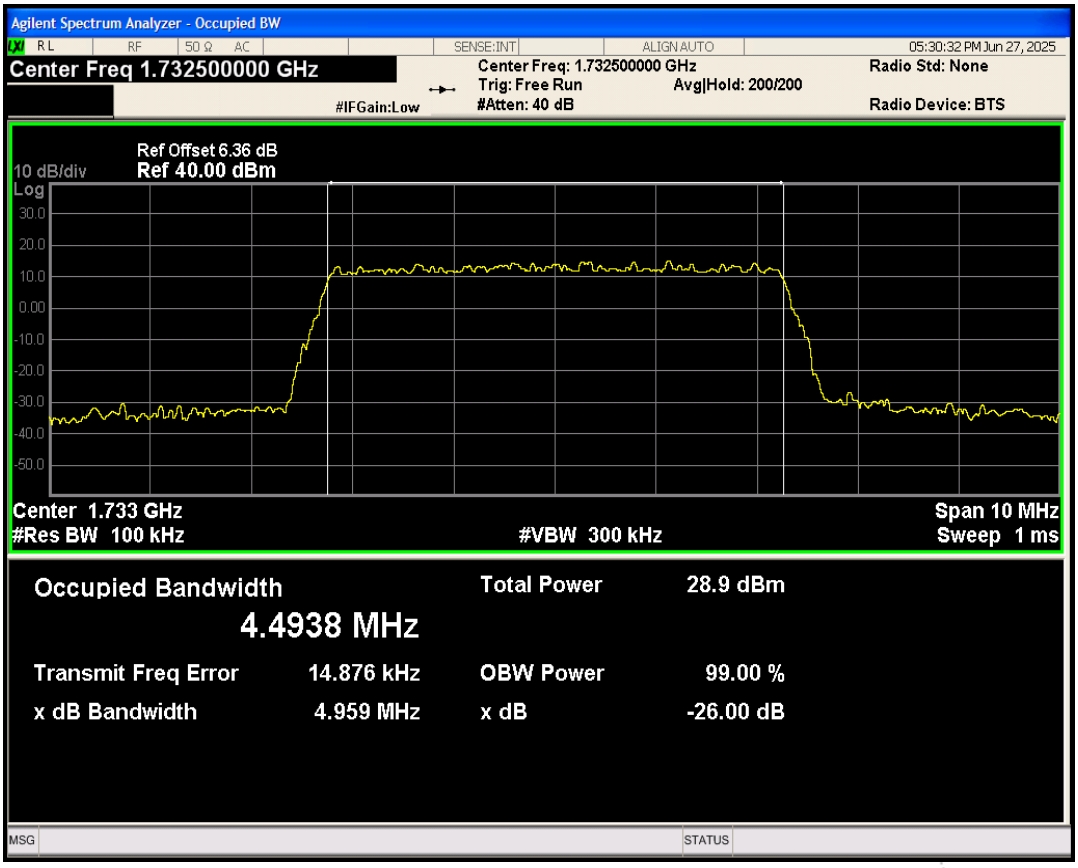
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



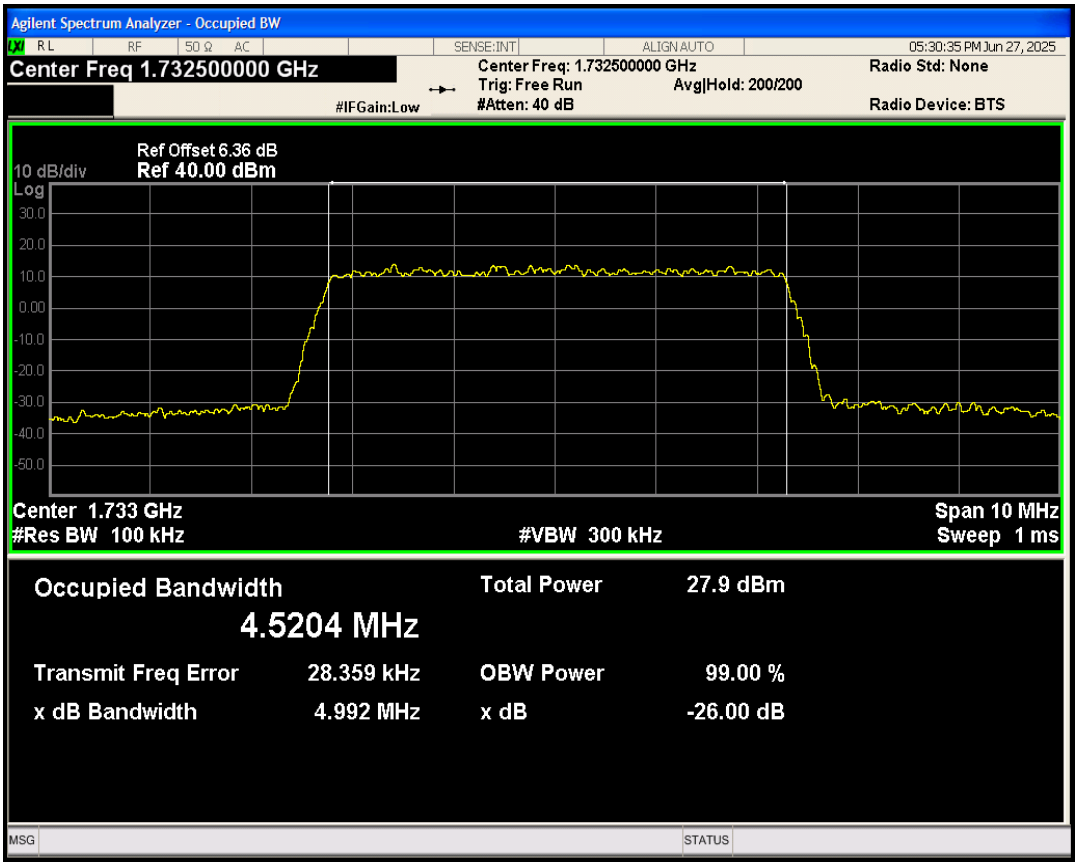
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



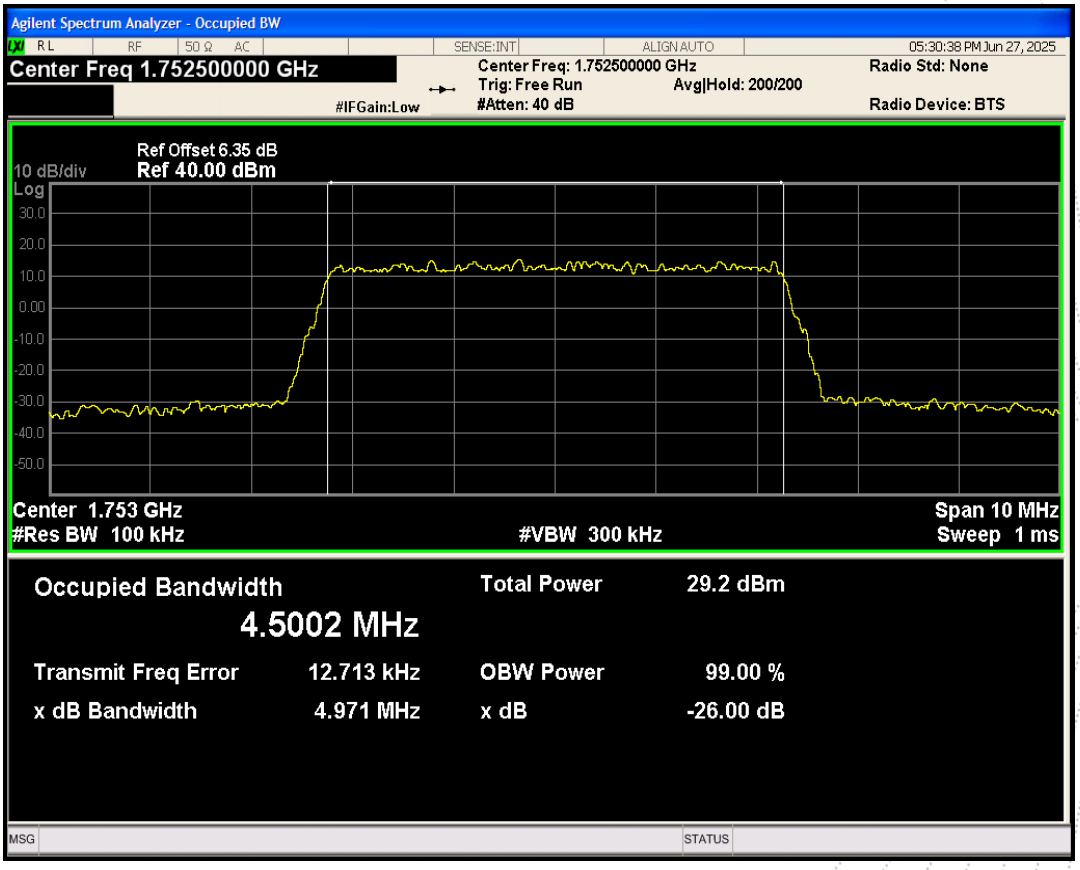
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



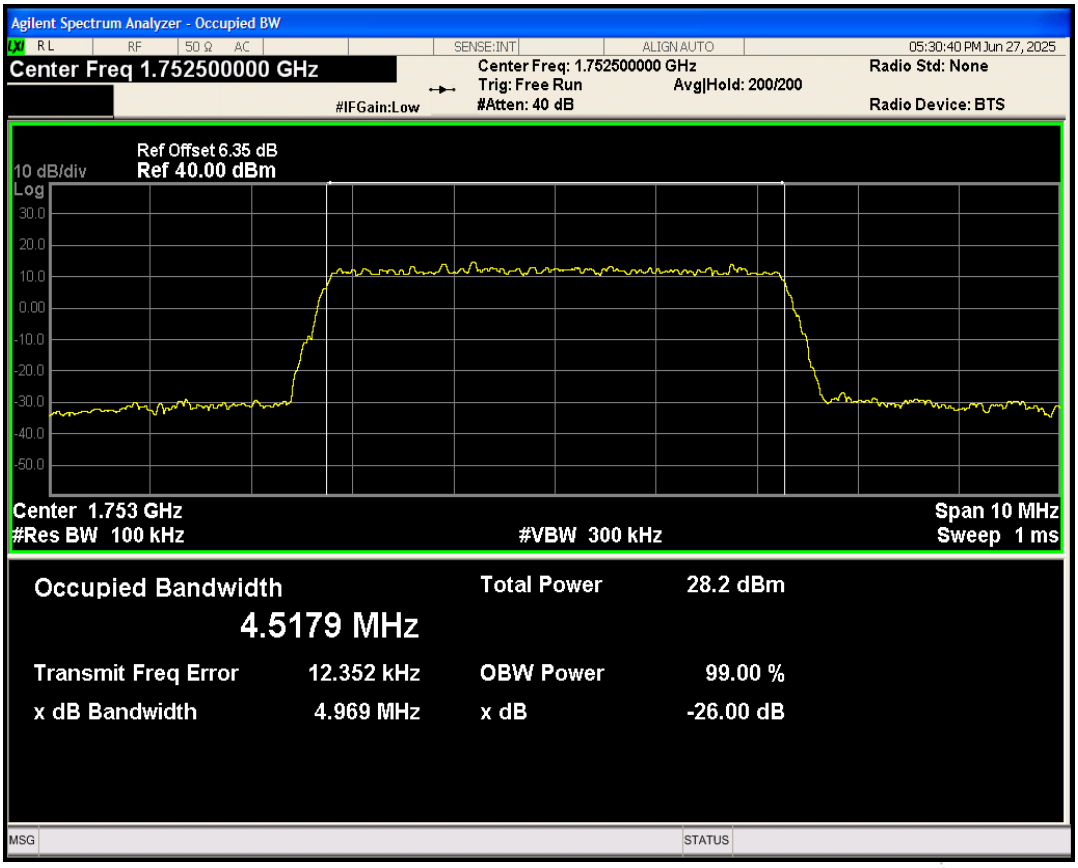
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT



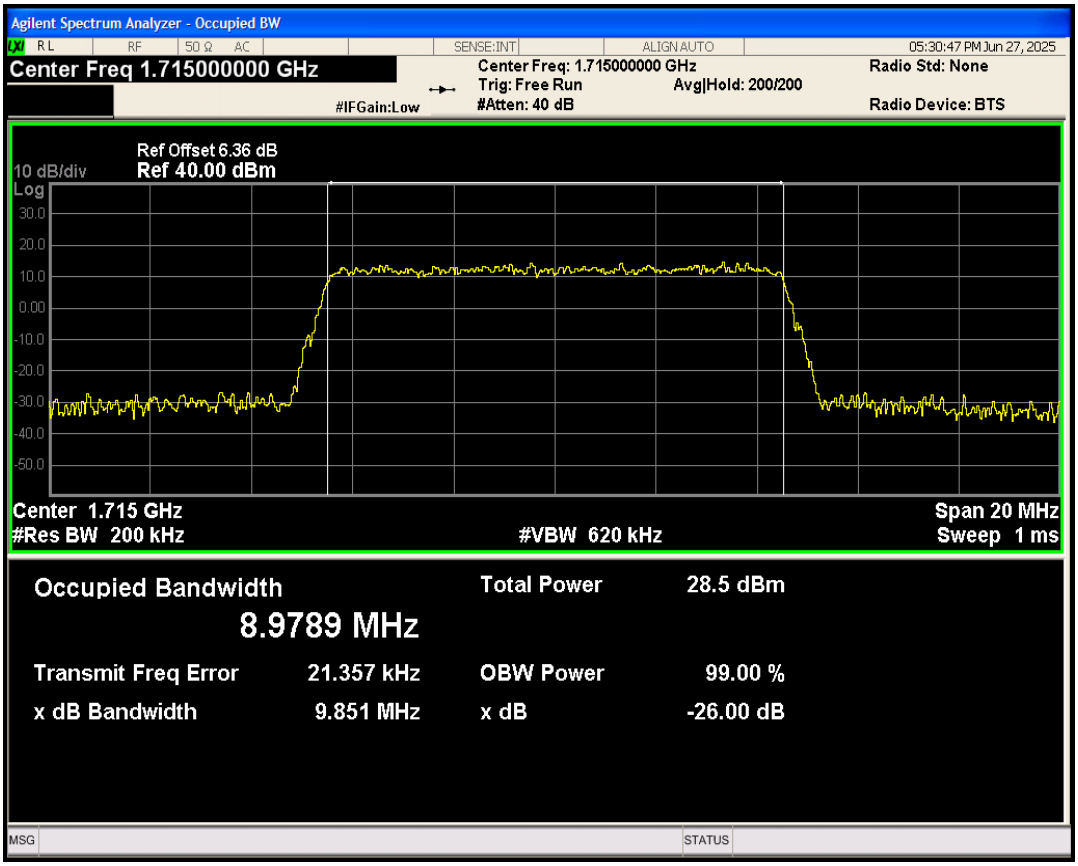
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT



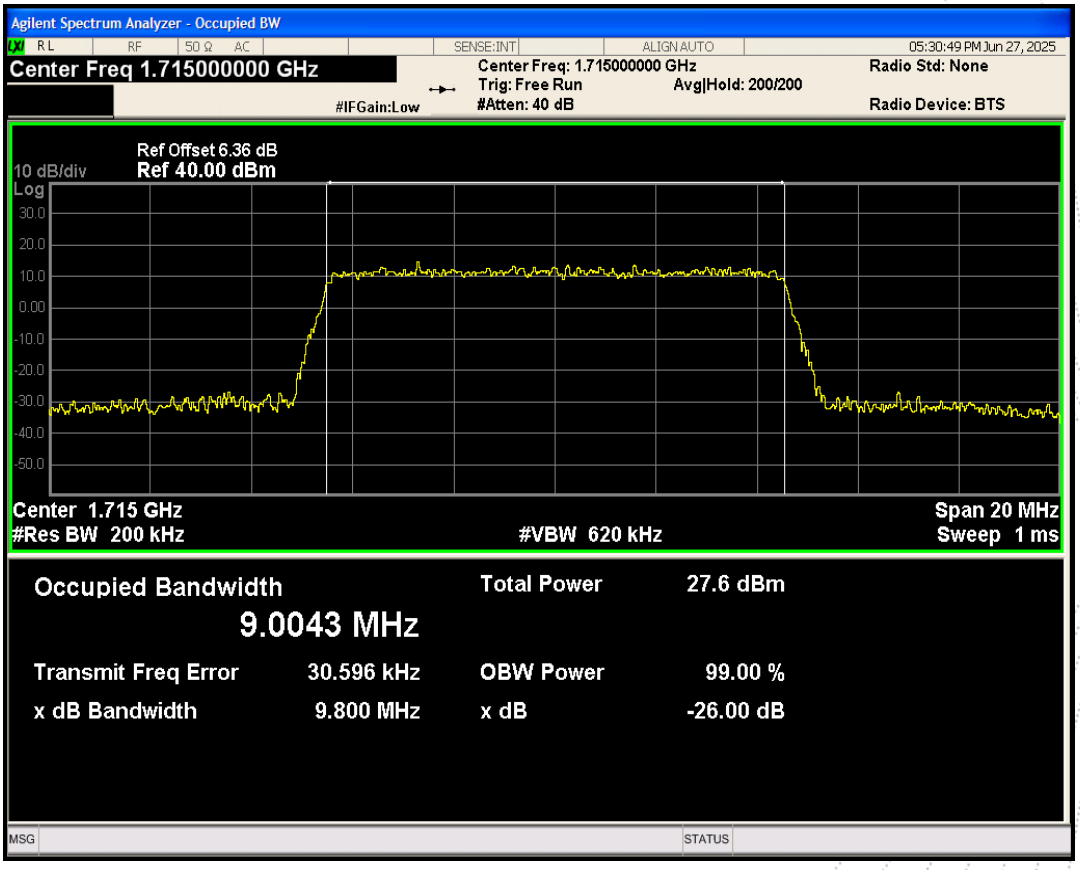
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



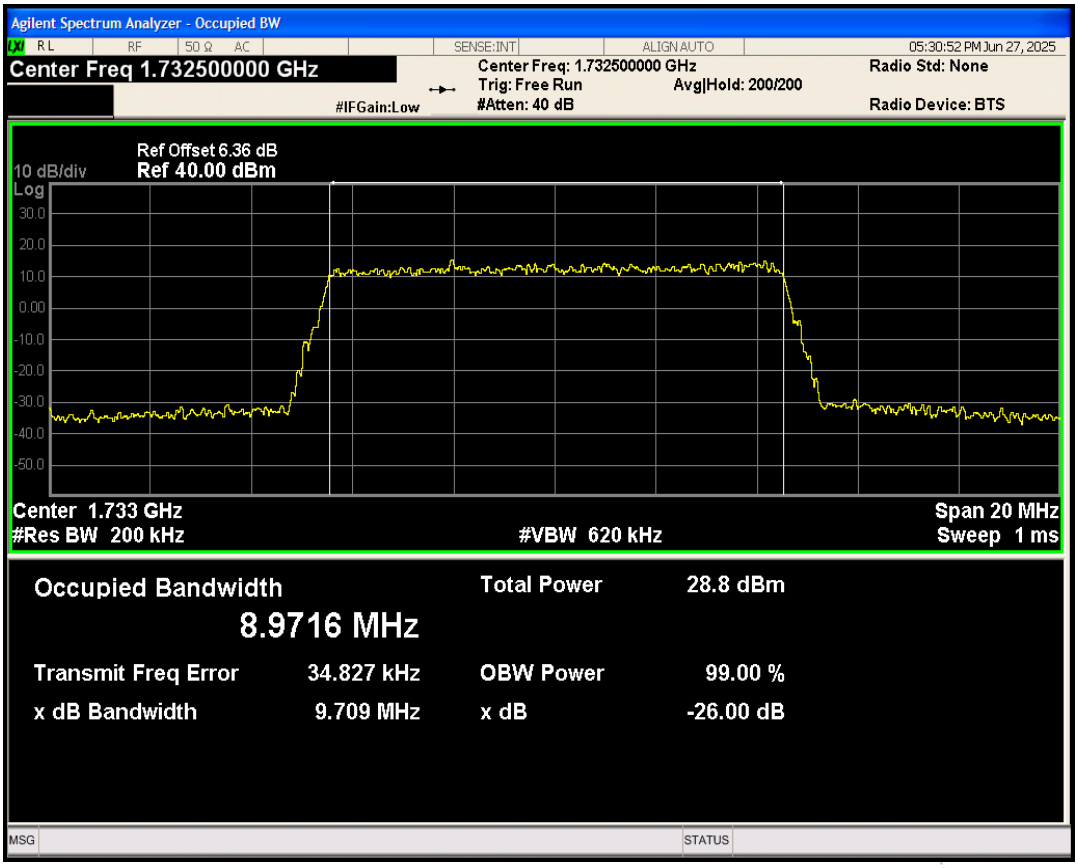
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



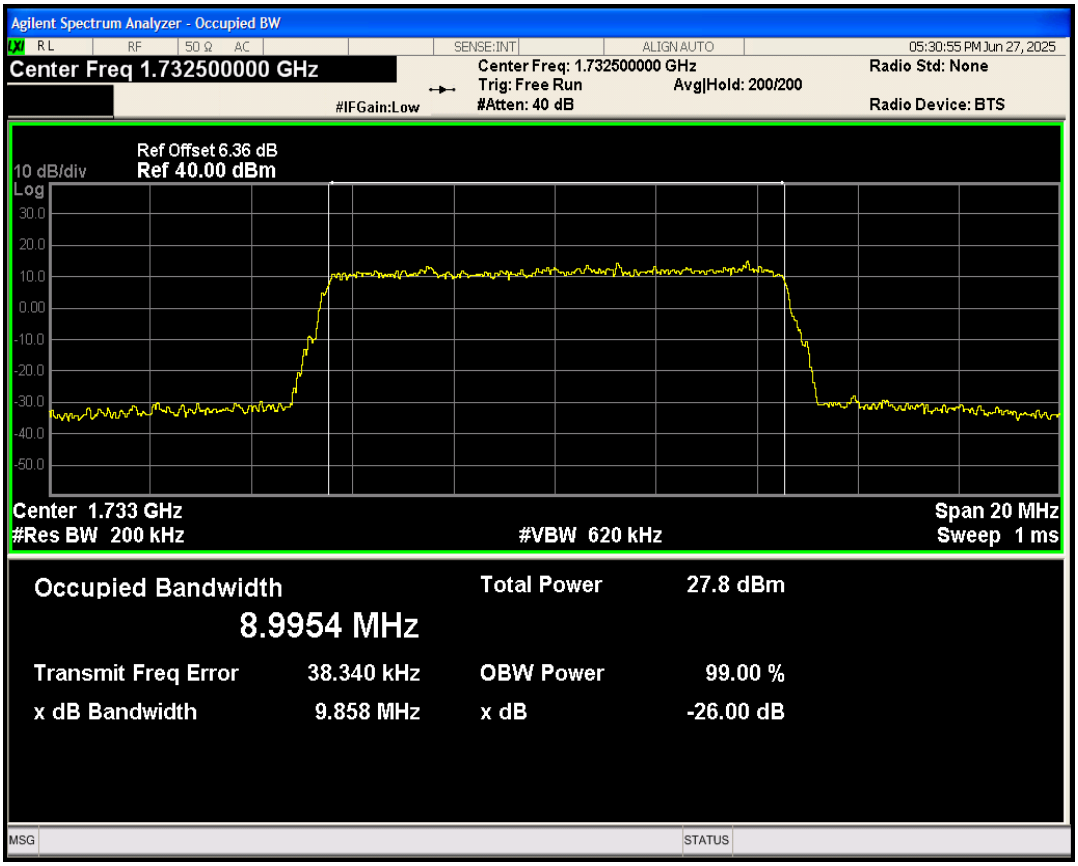
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT



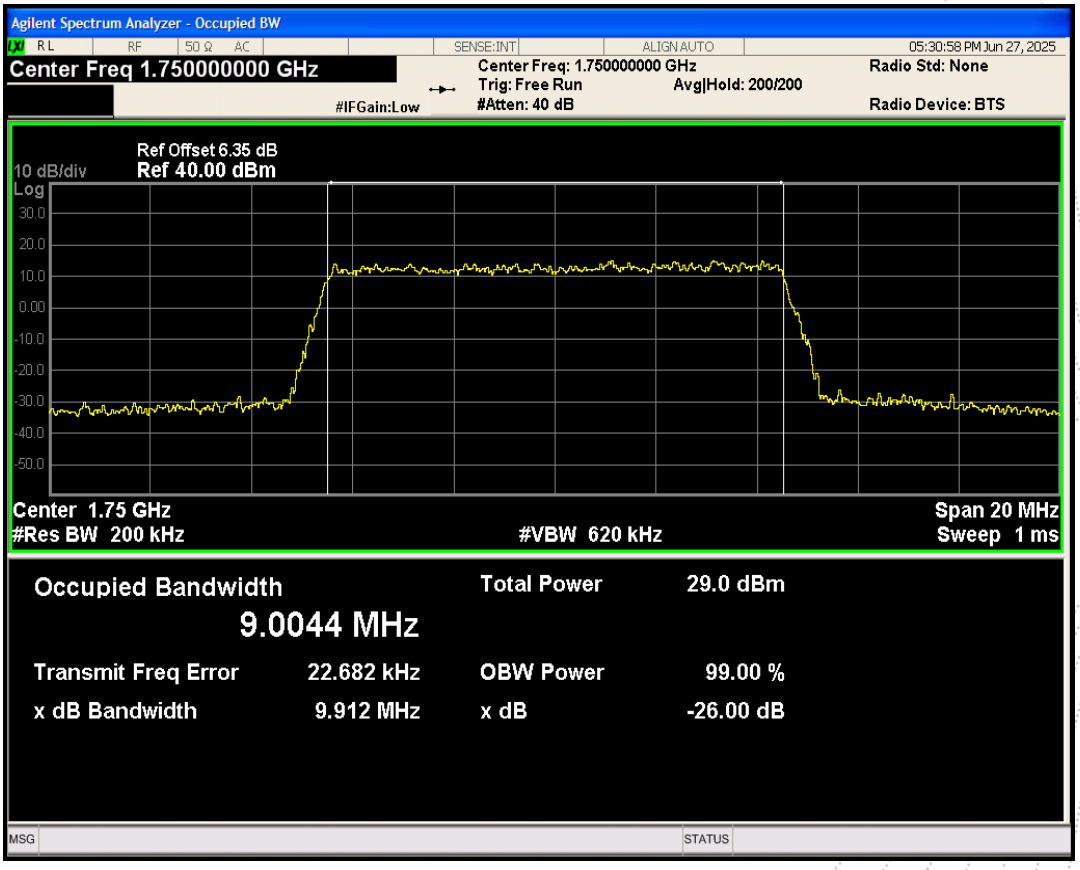
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT



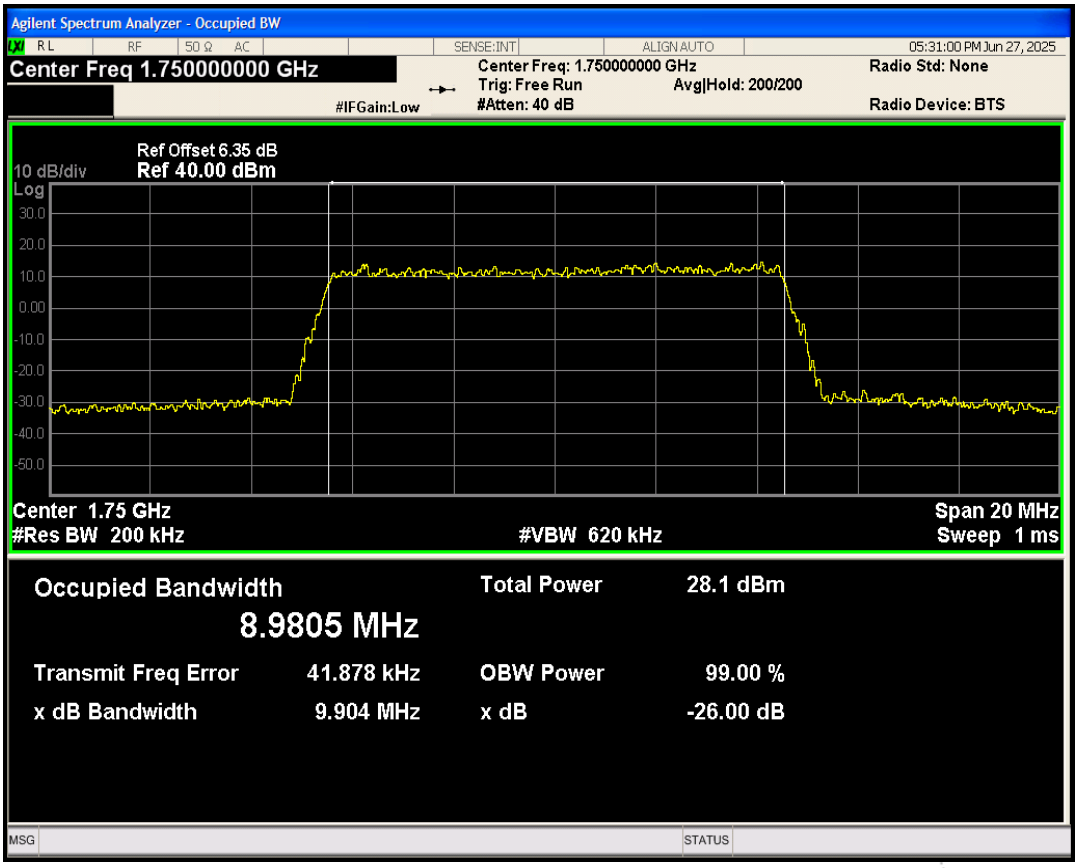
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT



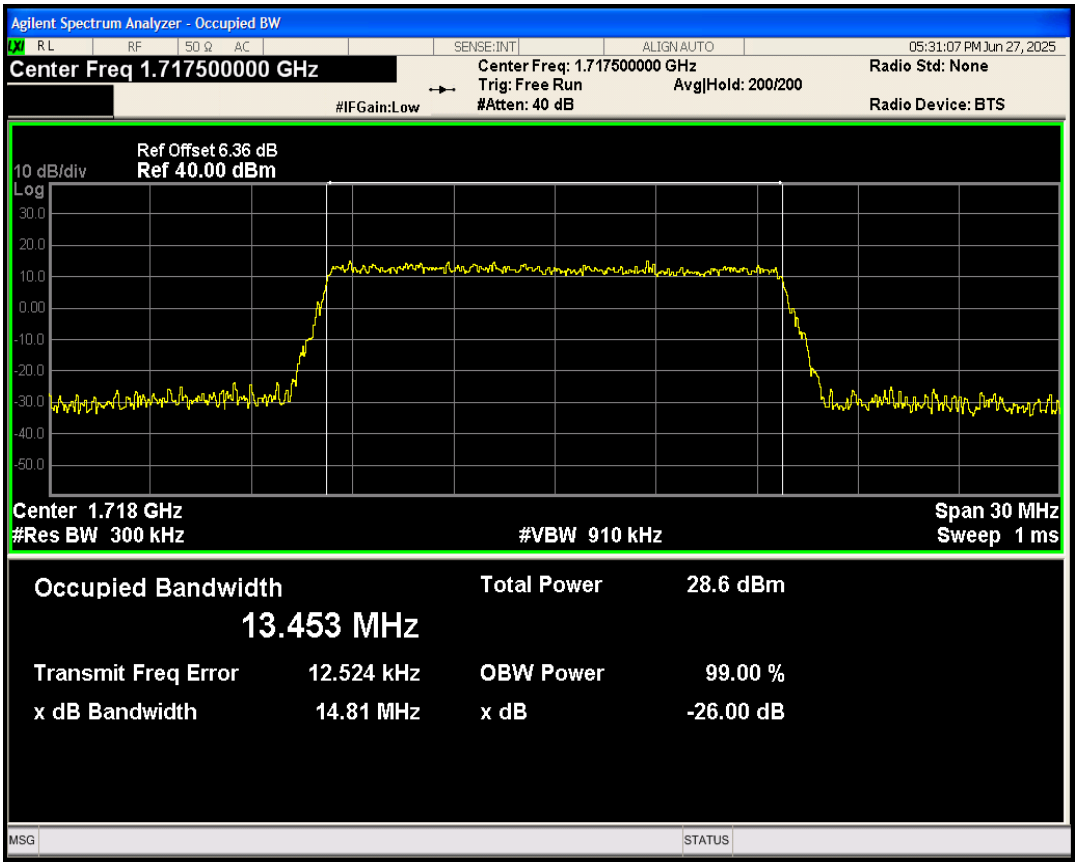
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT



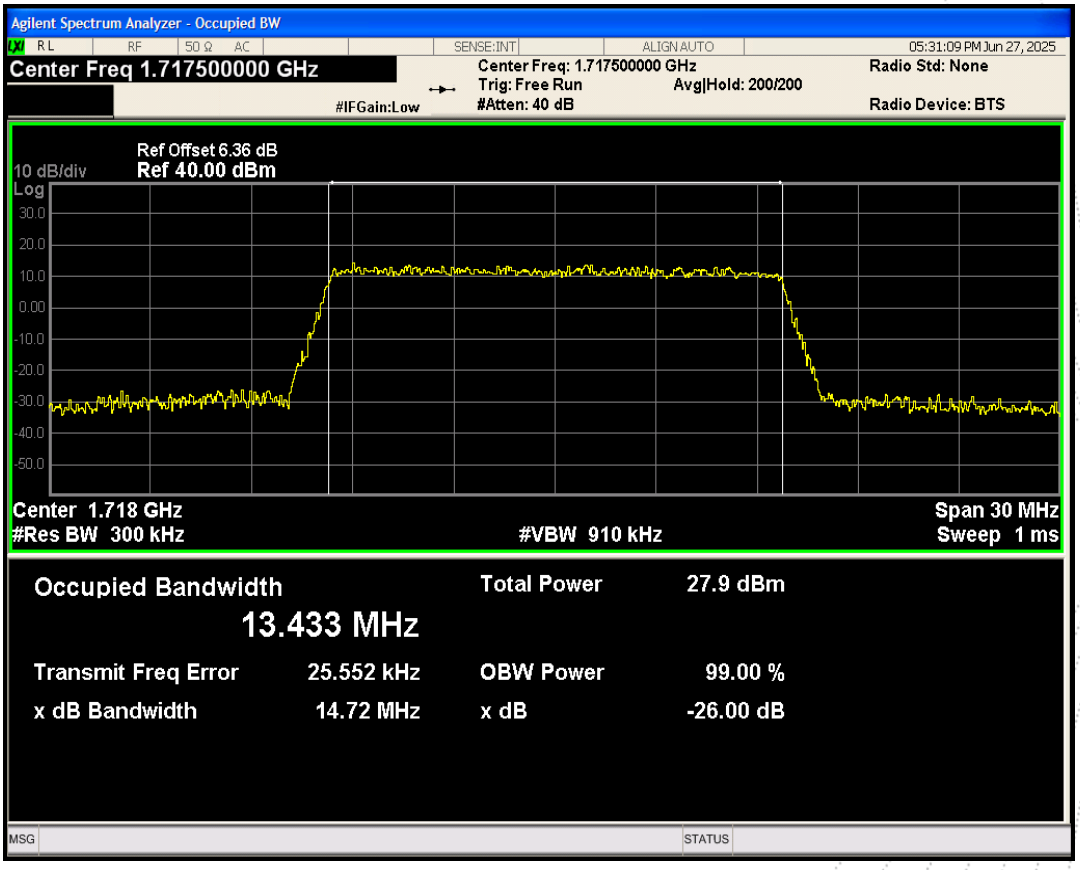
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



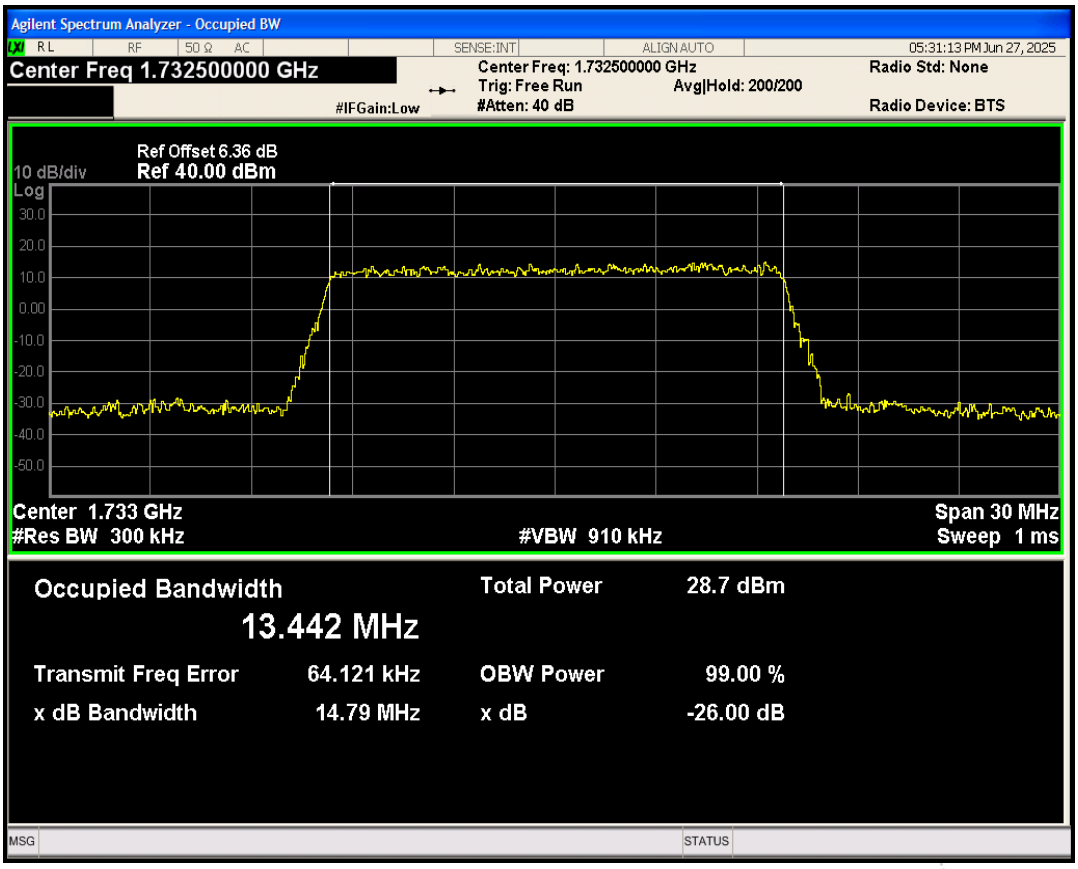
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



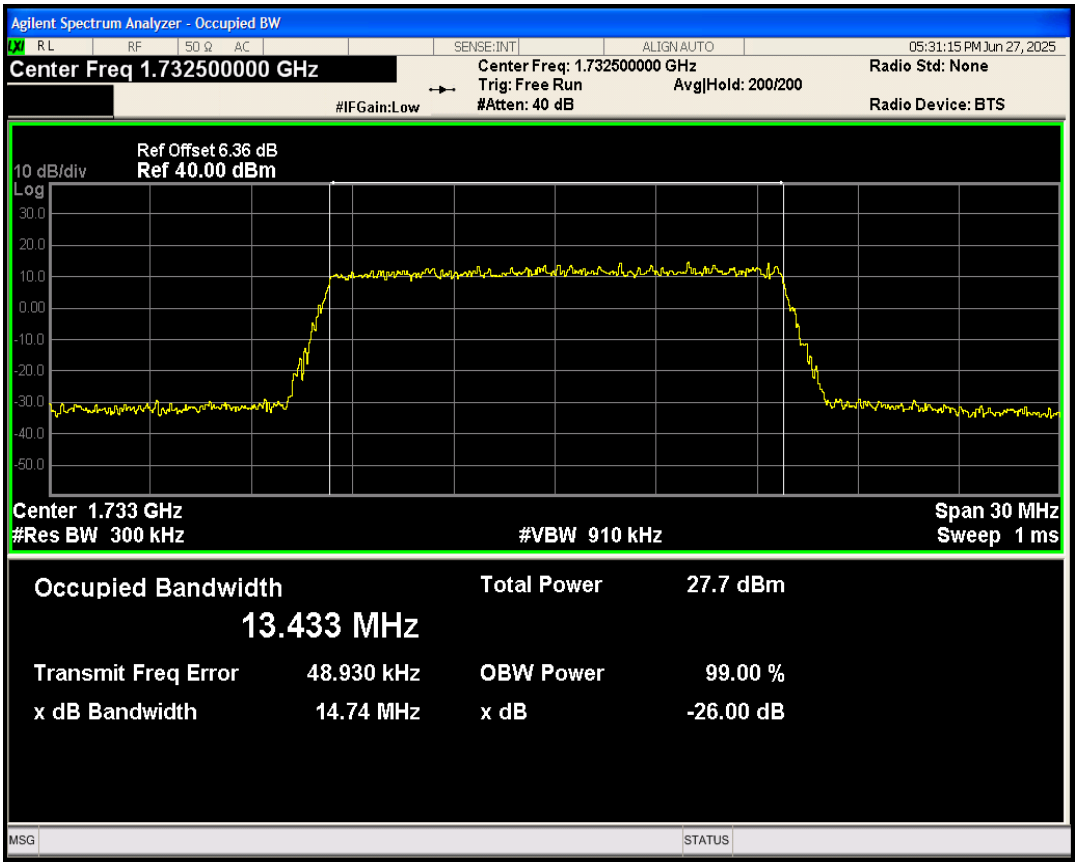
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



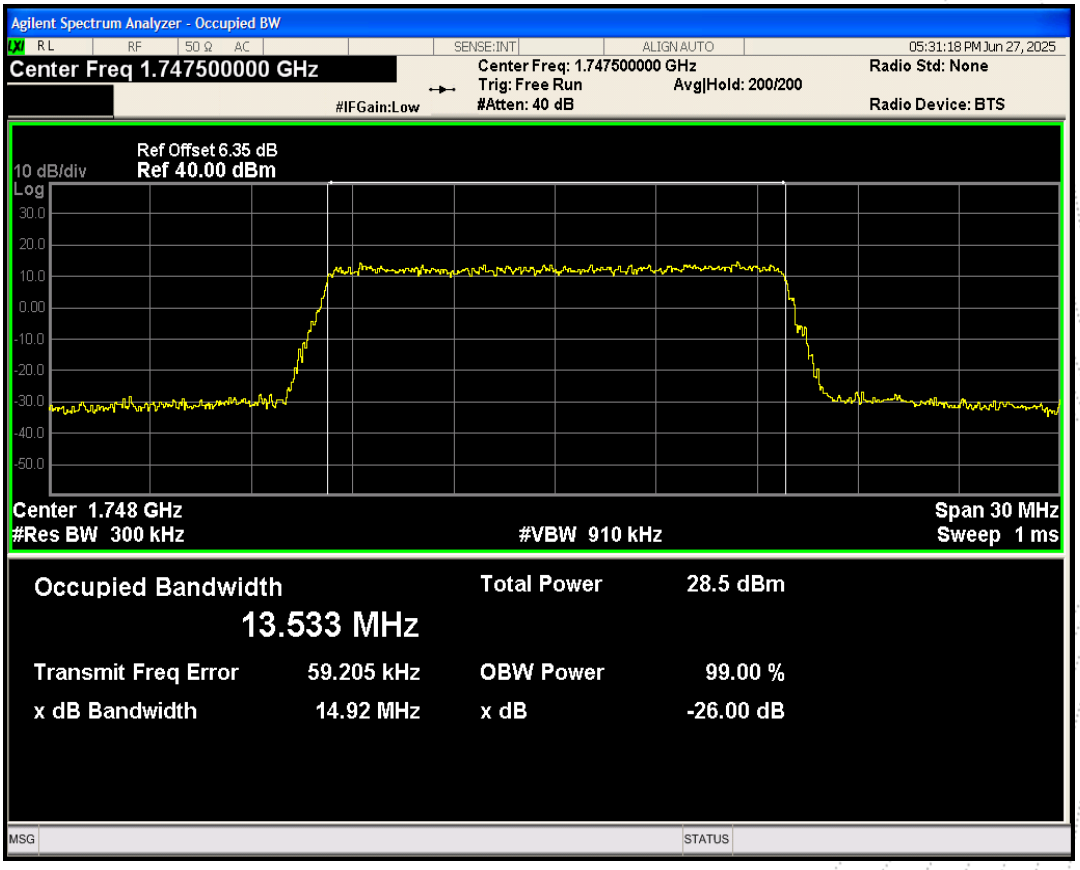
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



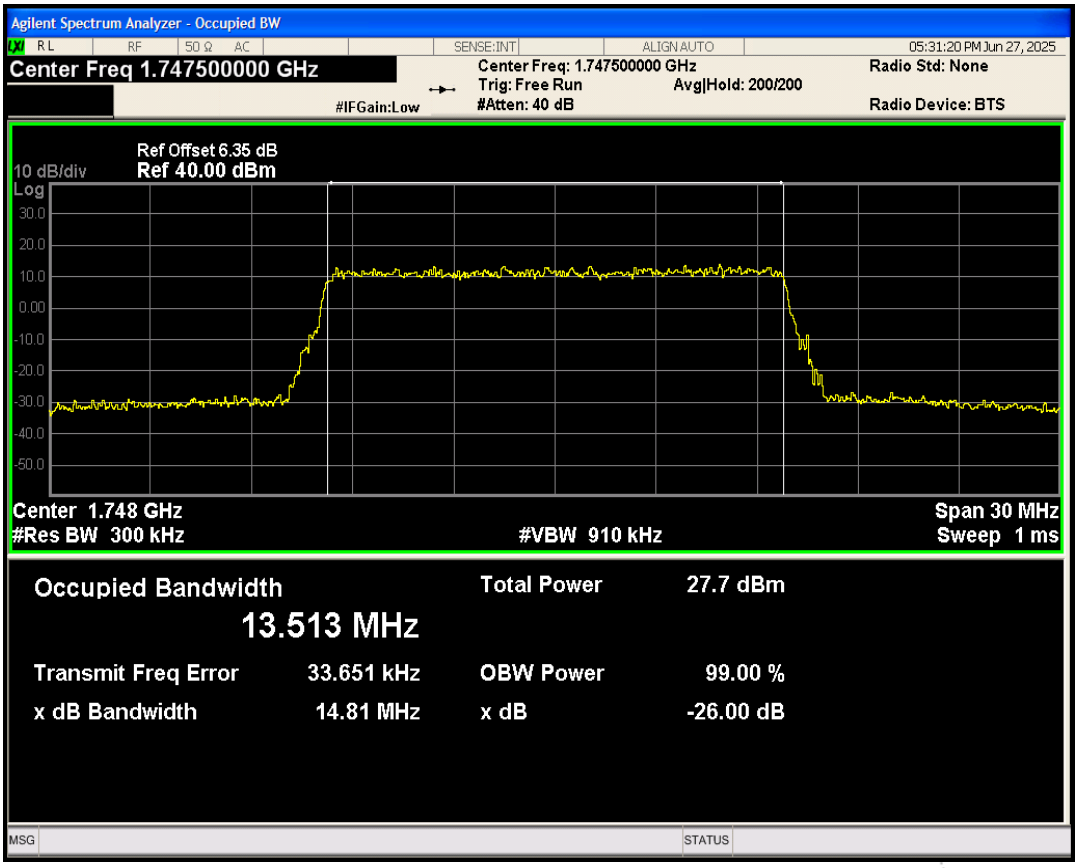
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT



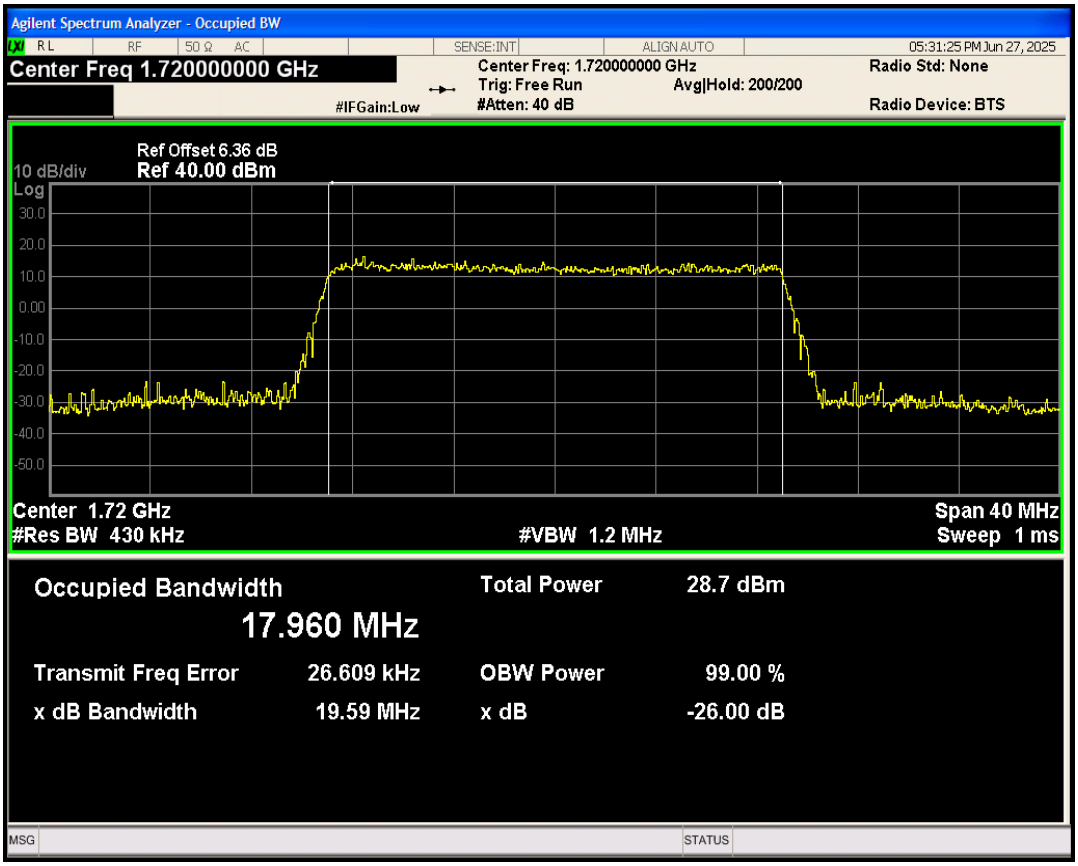
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT



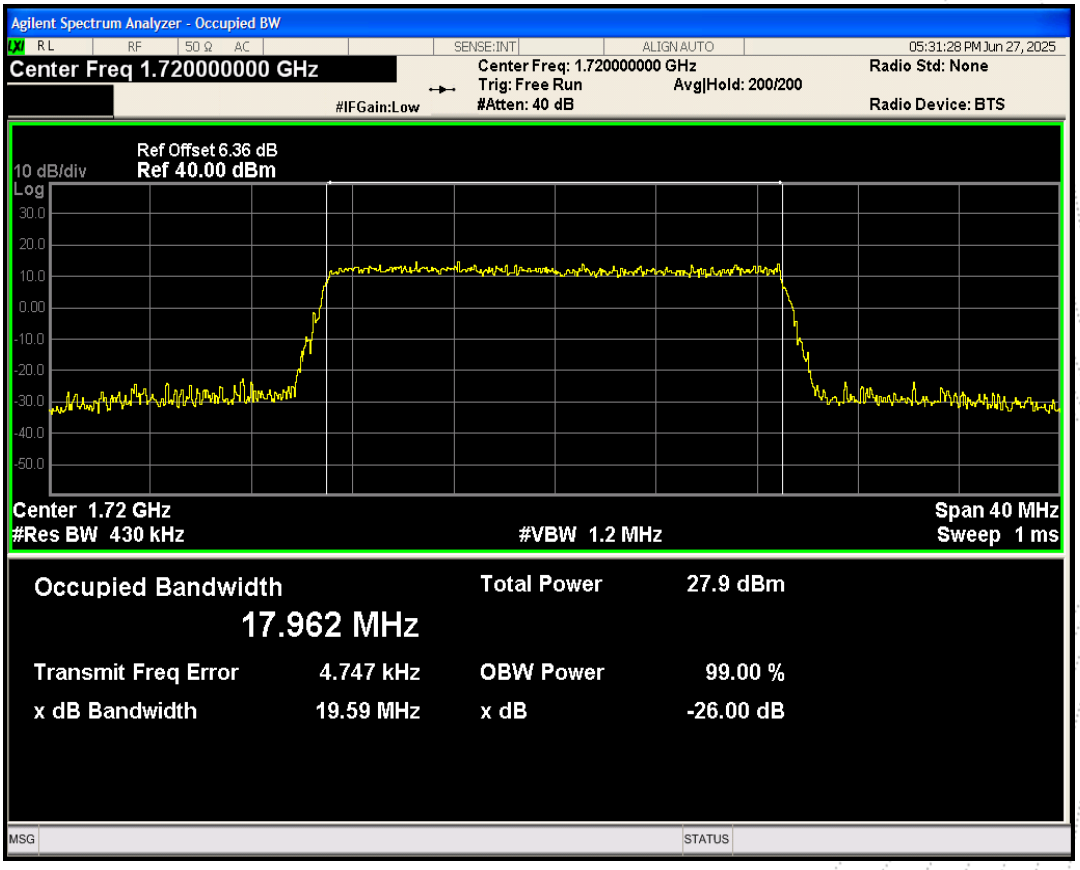
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



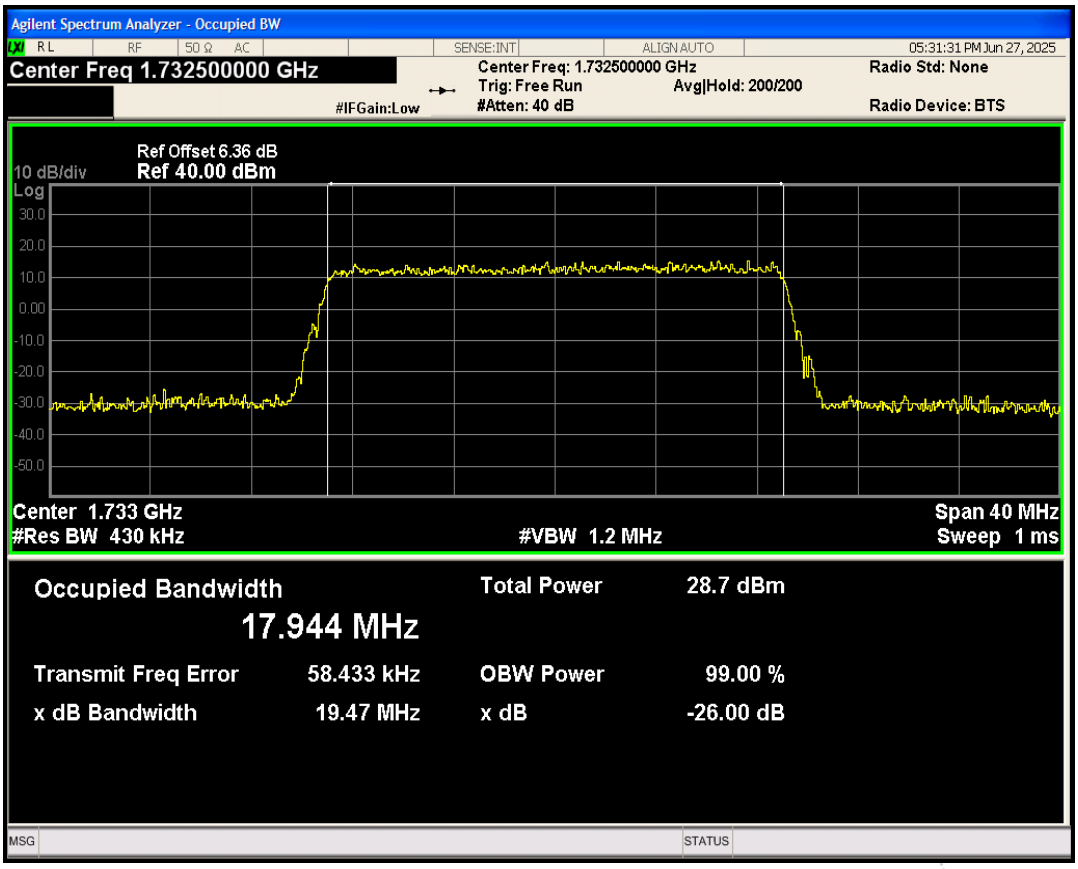
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



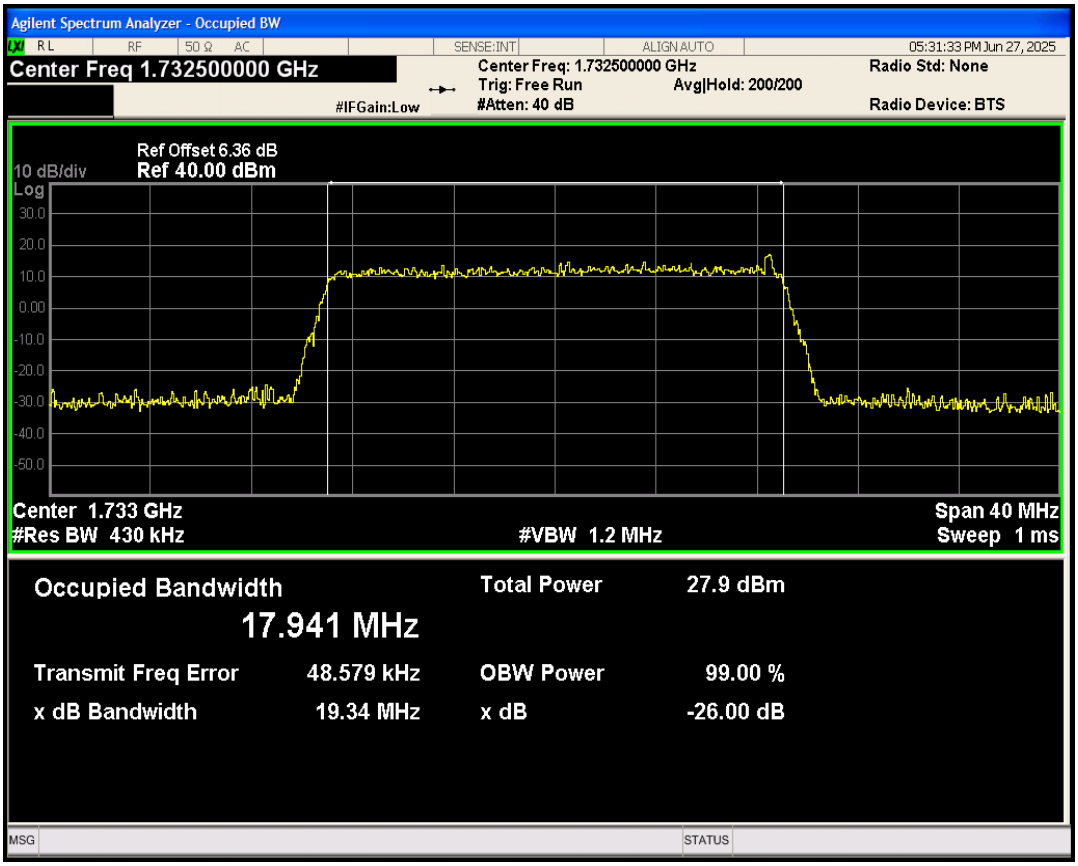
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



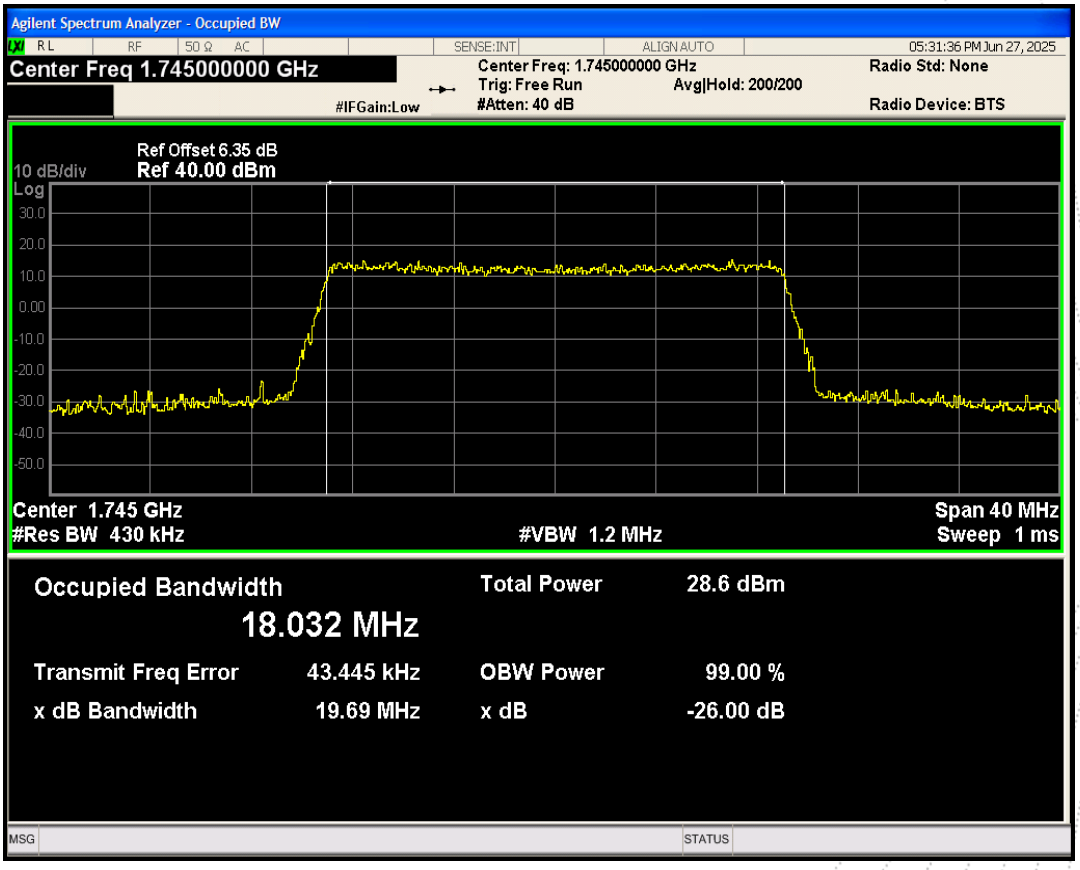
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



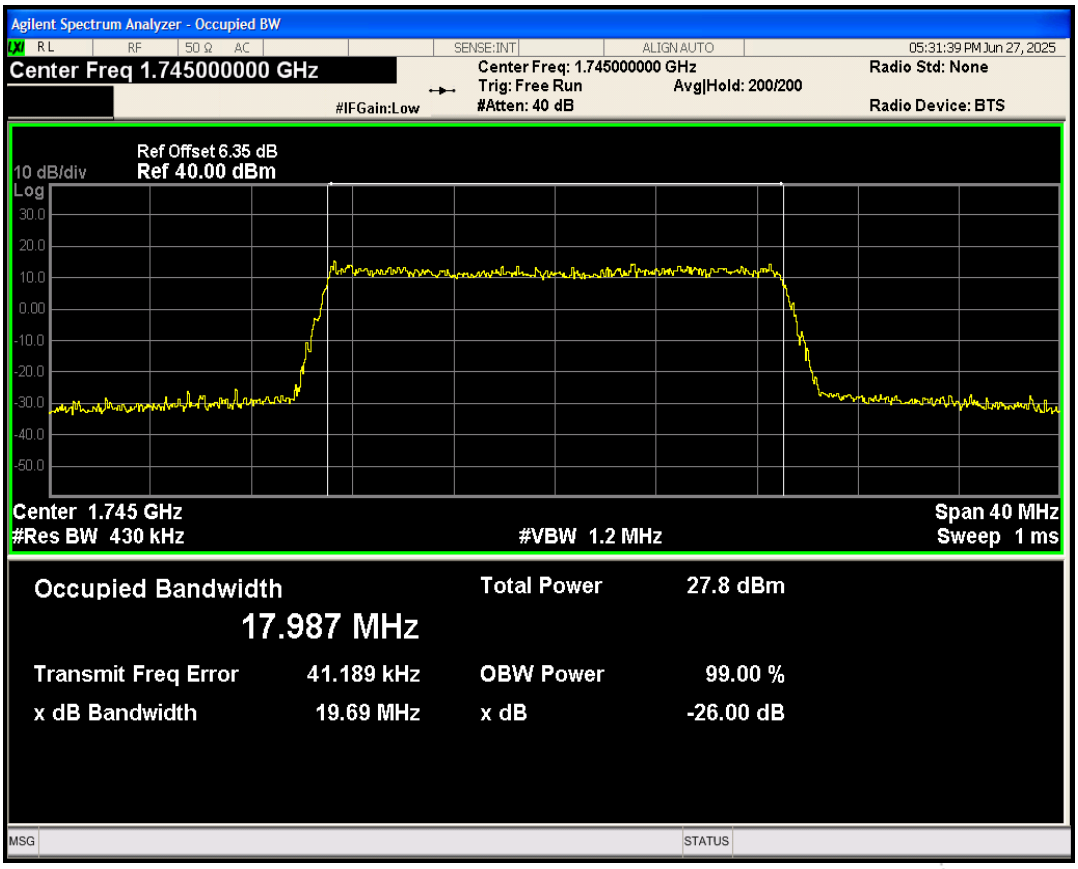
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0 NVNT



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



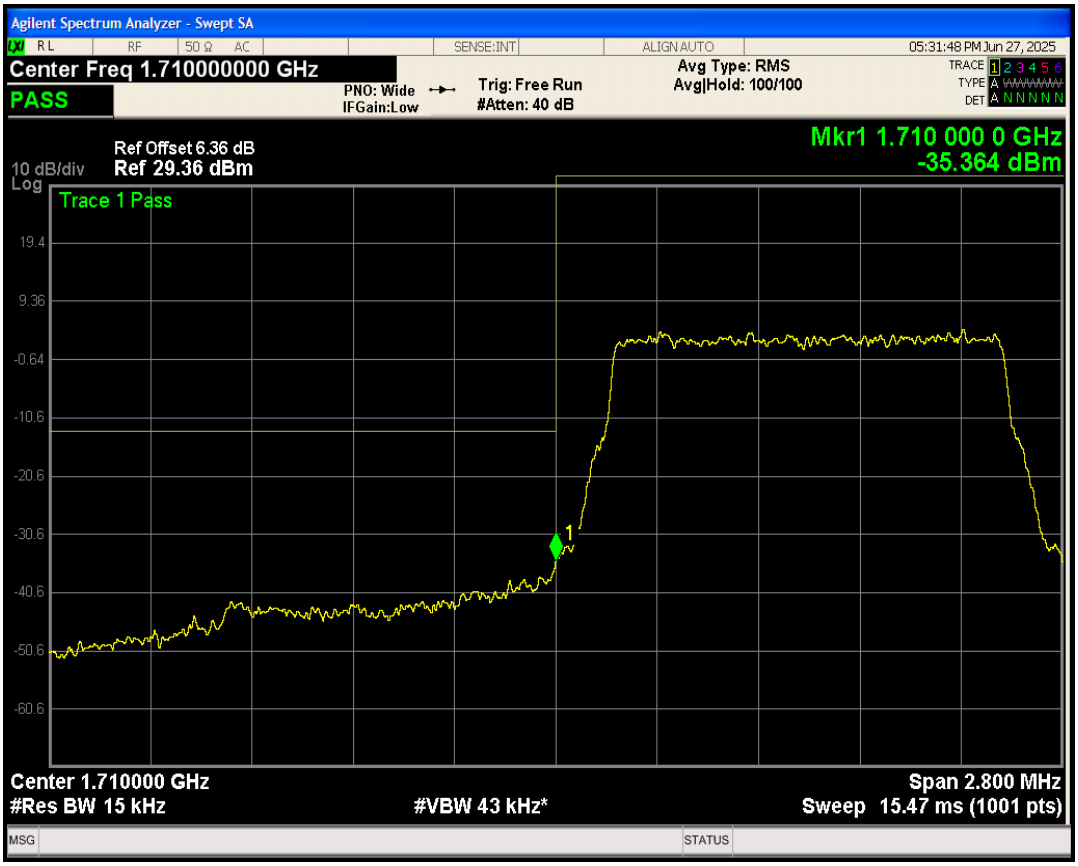
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT



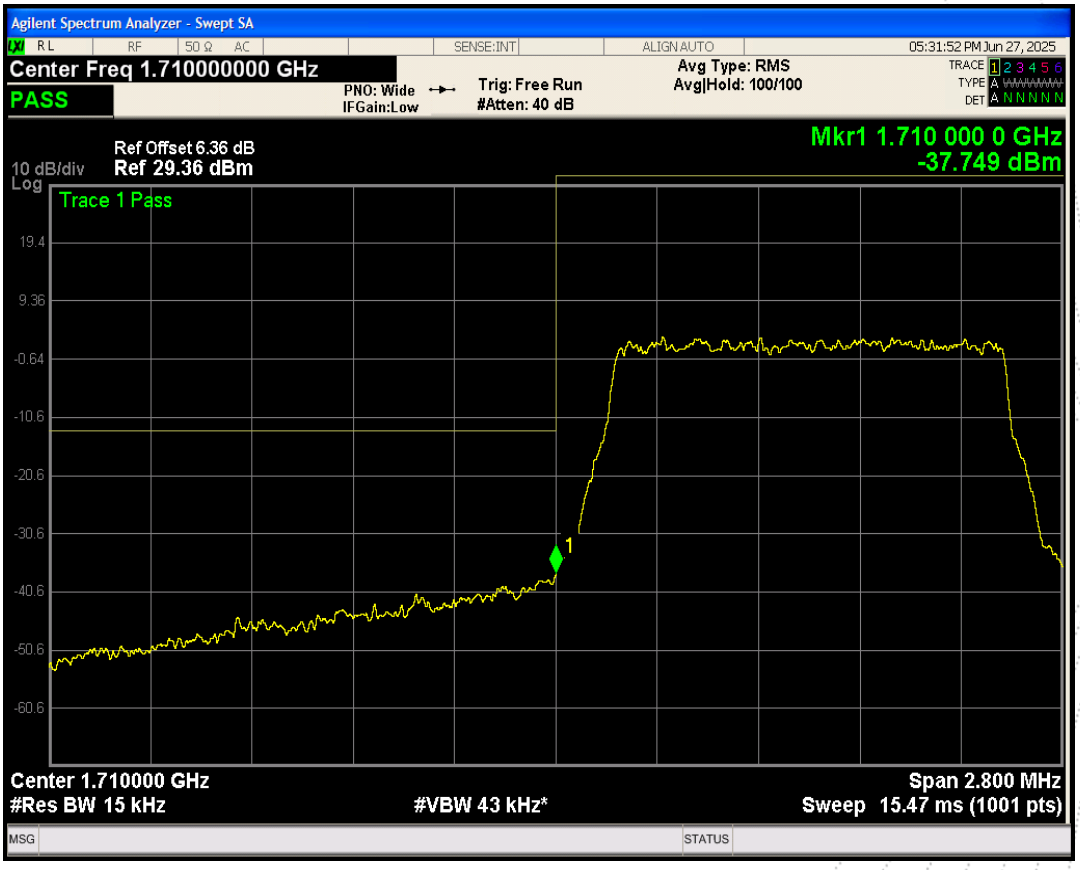
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT

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	-35.36	-13	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	1710.00	-37.74	-13	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	1755.00	-36.61	-13	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	1755.00	-37.03	-13	PASS
NVNT	Band4	3	19965	15	#0	QPSK	1710.00	-26.11	-13	PASS
NVNT	Band4	3	19965	15	#0	16QAM	1710.00	-26.22	-13	PASS
NVNT	Band4	3	20385	15	#0	QPSK	1755.00	-26.44	-13	PASS
NVNT	Band4	3	20385	15	#0	16QAM	1755.00	-26.79	-13	PASS
NVNT	Band4	5	19975	25	#0	QPSK	1710.00	-32.81	-13	PASS
NVNT	Band4	5	19975	25	#0	16QAM	1709.97	-35.19	-13	PASS
NVNT	Band4	5	20375	25	#0	QPSK	1755.00	-31.13	-13	PASS
NVNT	Band4	5	20375	25	#0	16QAM	1755.00	-31.20	-13	PASS
NVNT	Band4	10	20000	50	#0	QPSK	1709.98	-37.52	-13	PASS
NVNT	Band4	10	20000	50	#0	16QAM	1709.96	-39.23	-13	PASS
NVNT	Band4	10	20350	50	#0	QPSK	1755.00	-33.94	-13	PASS
NVNT	Band4	10	20350	50	#0	16QAM	1755.00	-35.23	-13	PASS
NVNT	Band4	15	20025	75	#0	QPSK	1710.00	-36.39	-13	PASS
NVNT	Band4	15	20025	75	#0	16QAM	1710.00	-36.07	-13	PASS
NVNT	Band4	15	20325	75	#0	QPSK	1755.00	-35.29	-13	PASS
NVNT	Band4	15	20325	75	#0	16QAM	1755.00	-33.59	-13	PASS
NVNT	Band4	20	20050	100	#0	QPSK	1710.00	-39.03	-13	PASS
NVNT	Band4	20	20050	100	#0	16QAM	1709.96	-38.05	-13	PASS
NVNT	Band4	20	20300	100	#0	QPSK	1755.00	-35.91	-13	PASS
NVNT	Band4	20	20300	100	#0	16QAM	1755.00	-36.45	-13	PASS



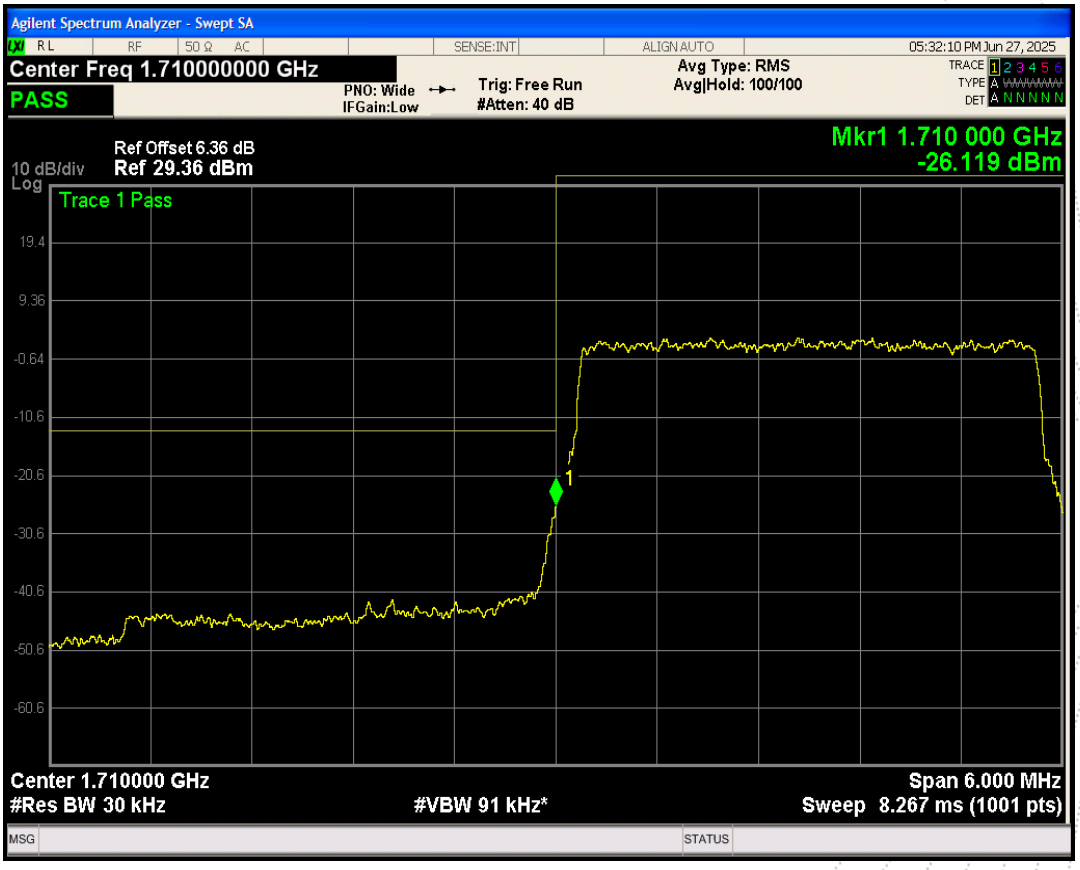
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT



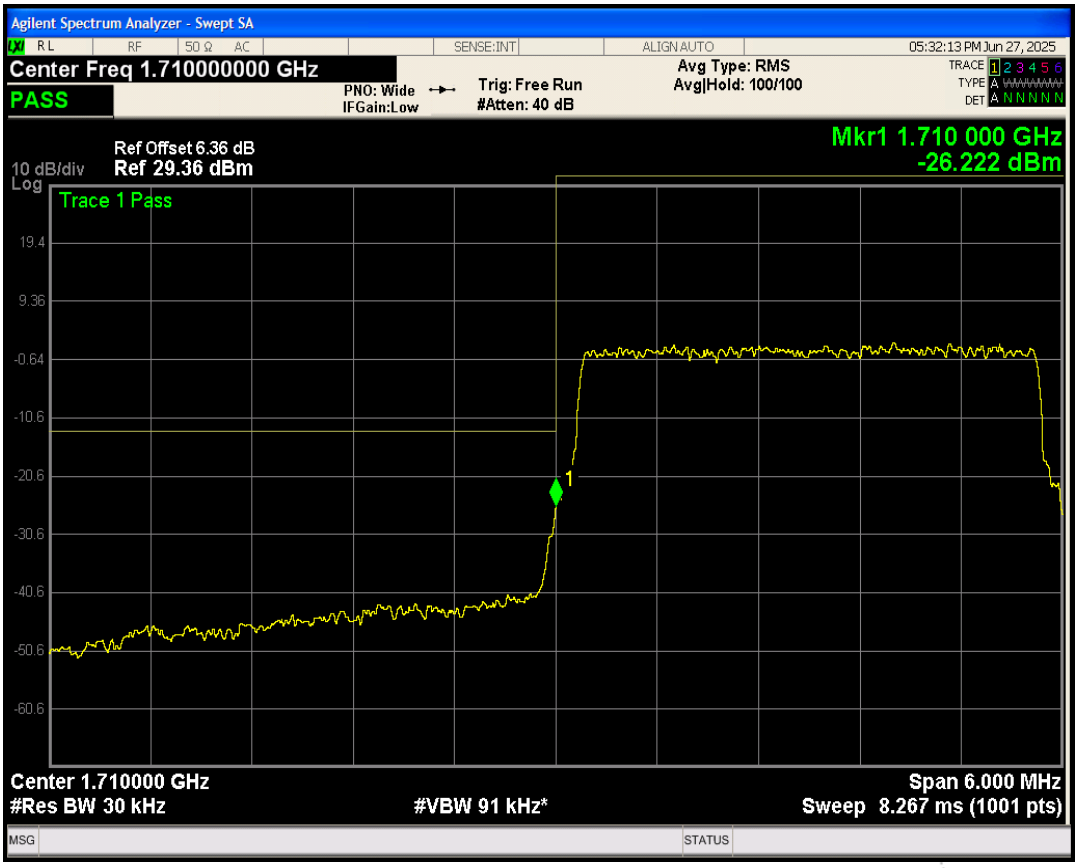
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT

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

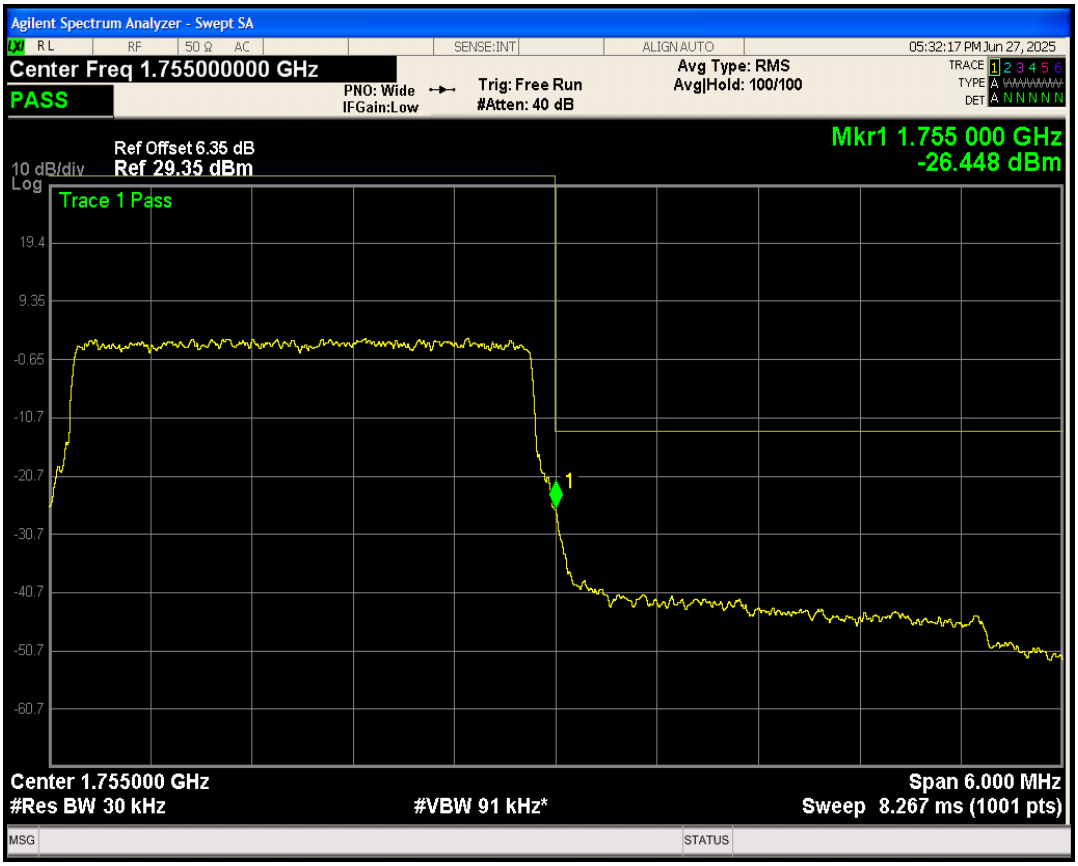
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



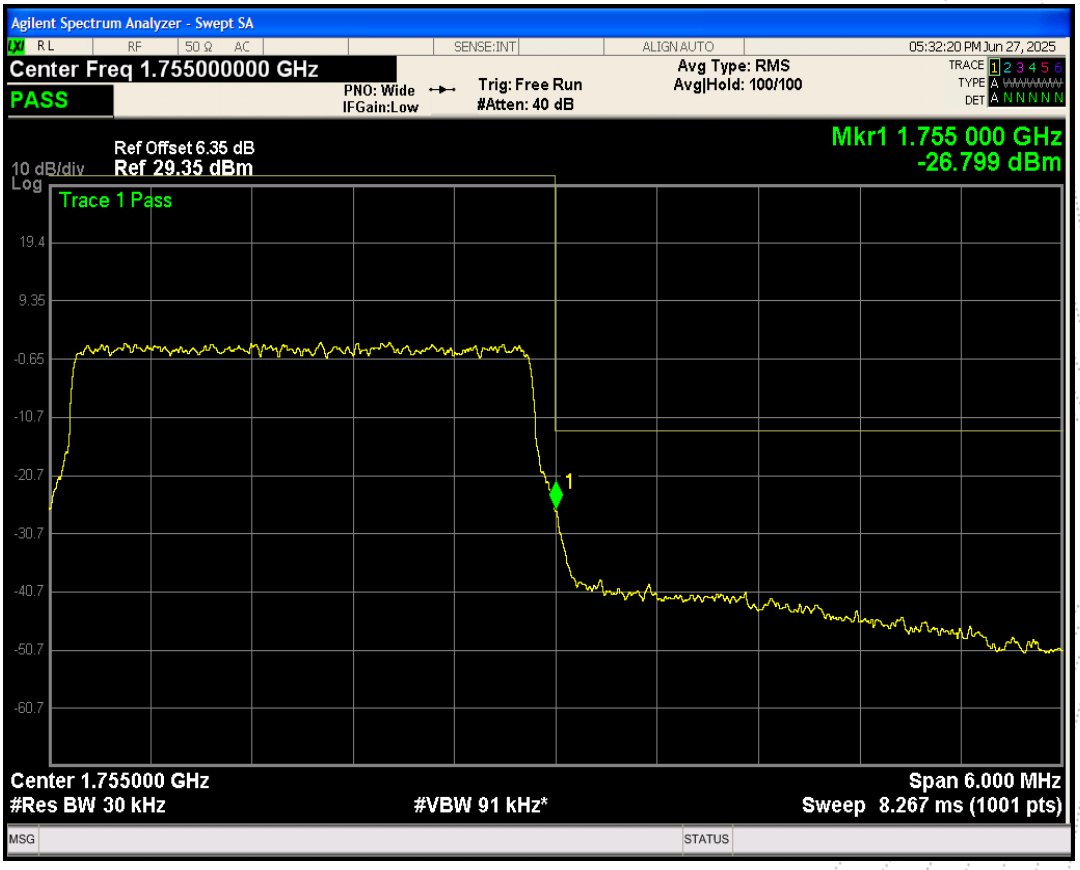
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



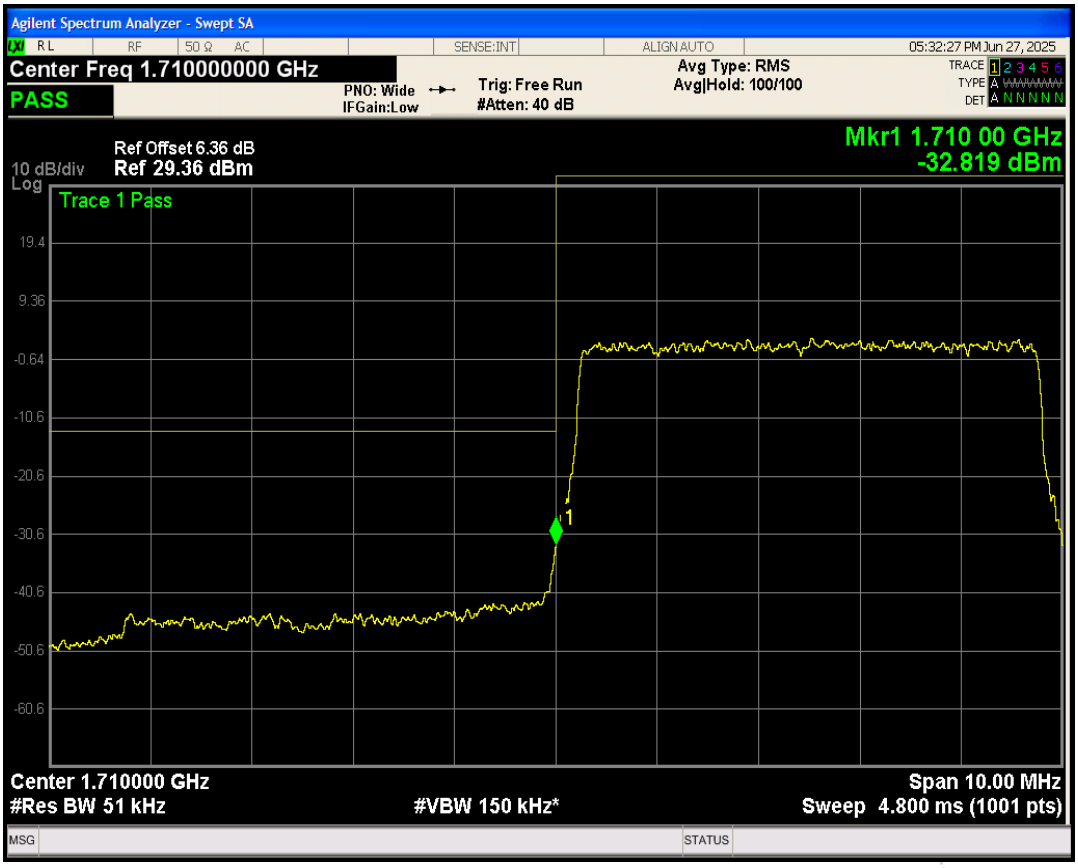
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



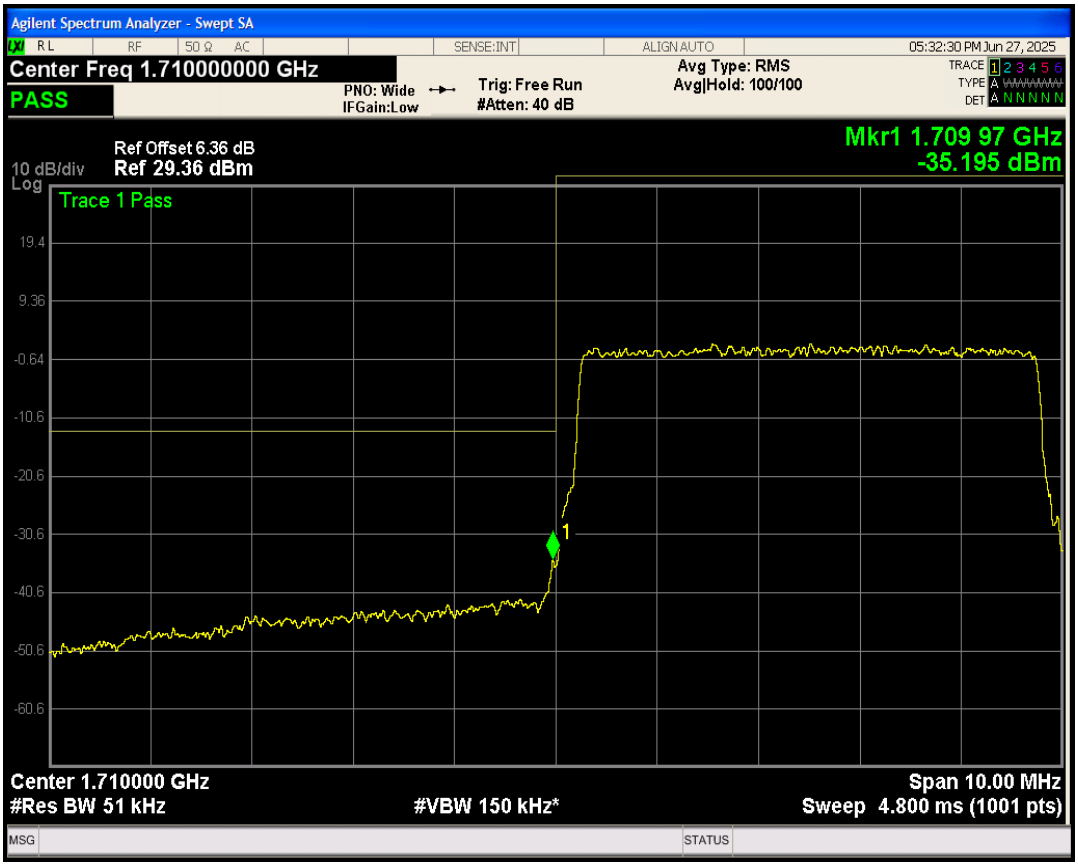
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



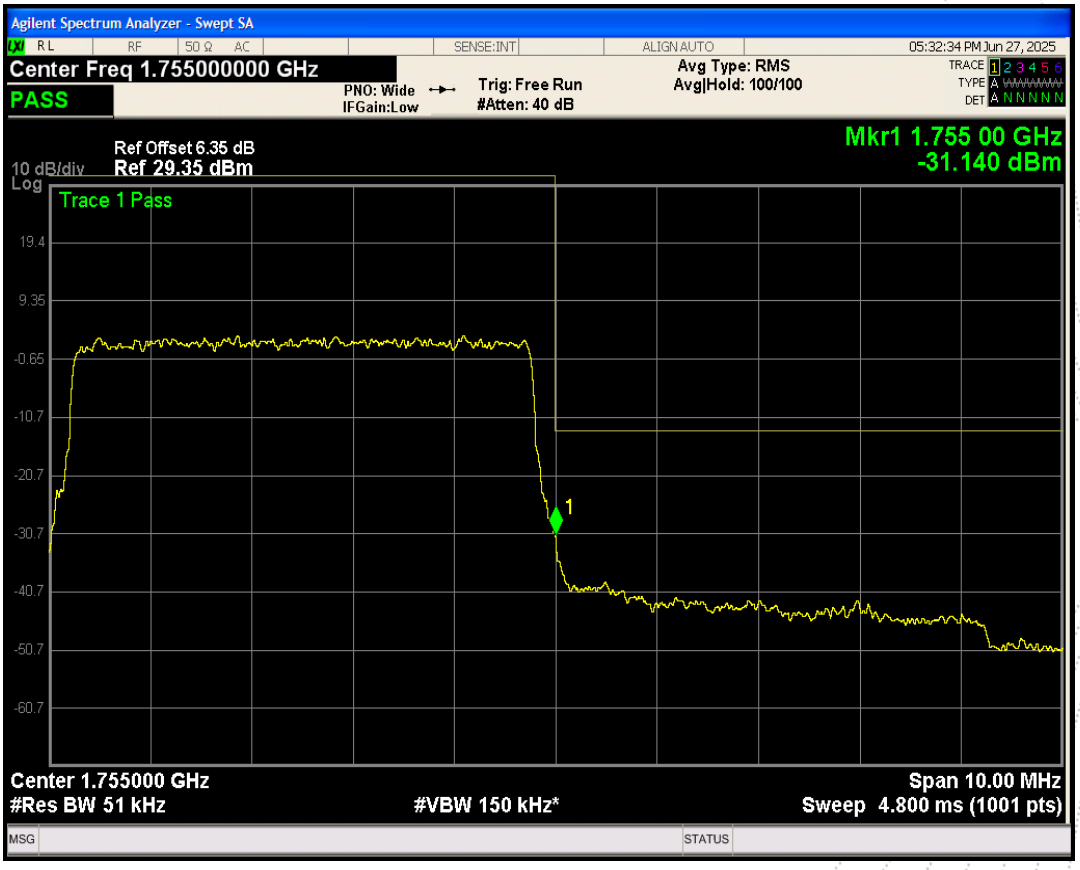
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



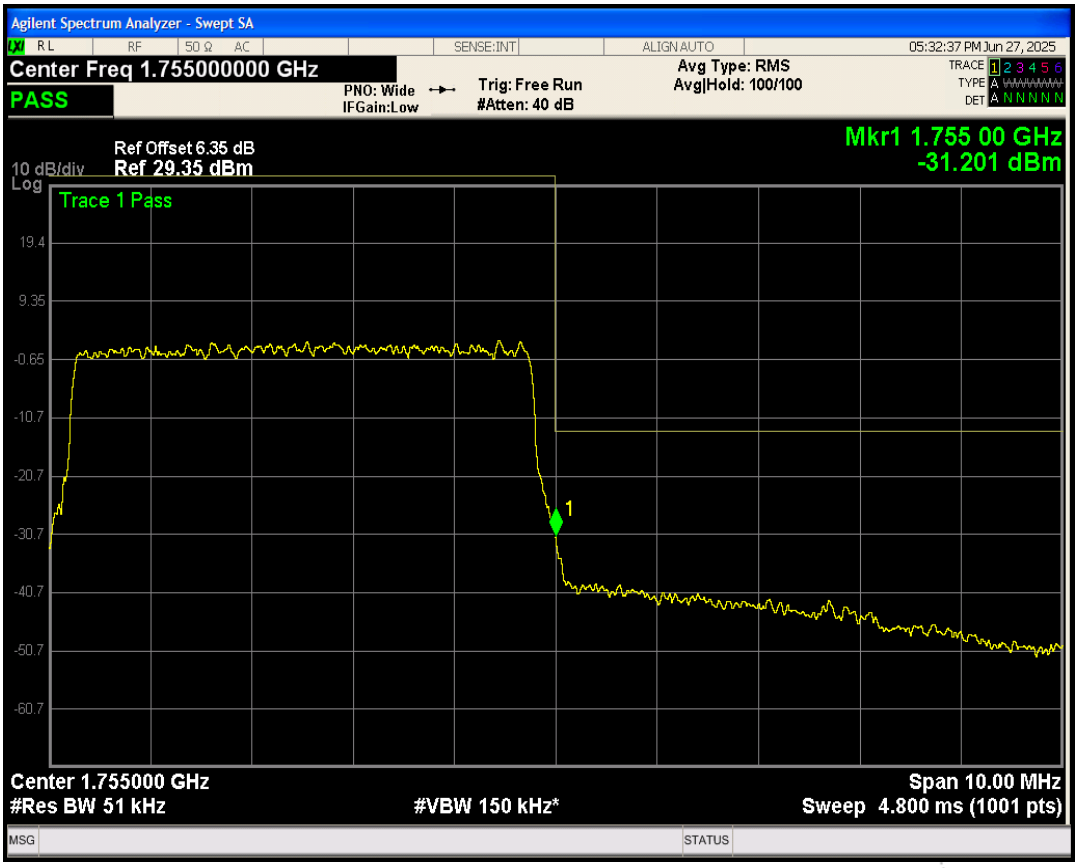
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



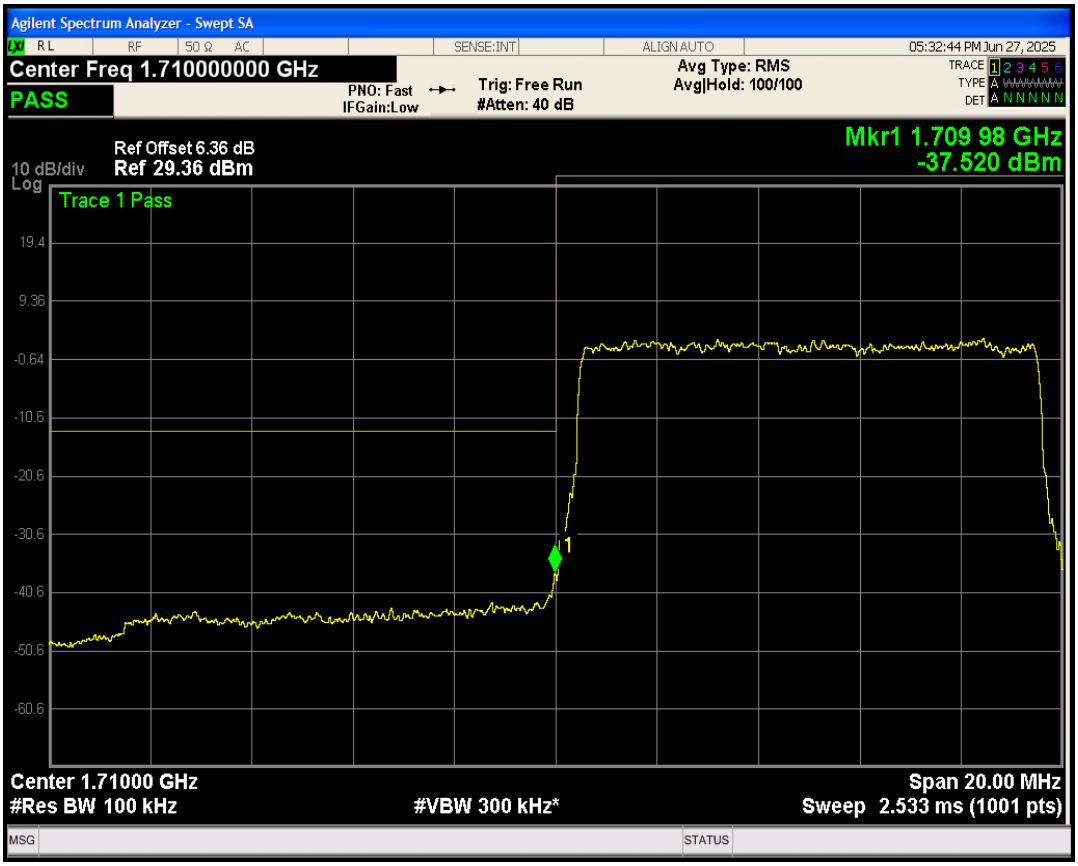
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



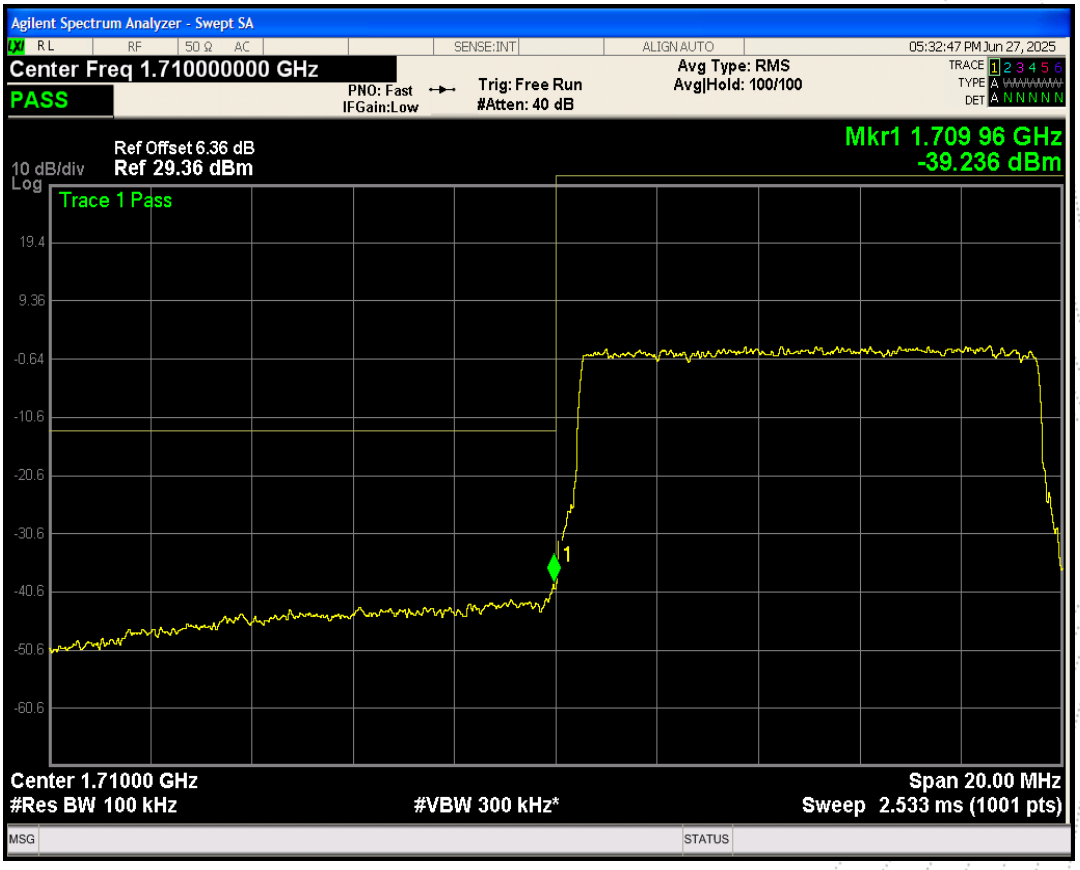
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



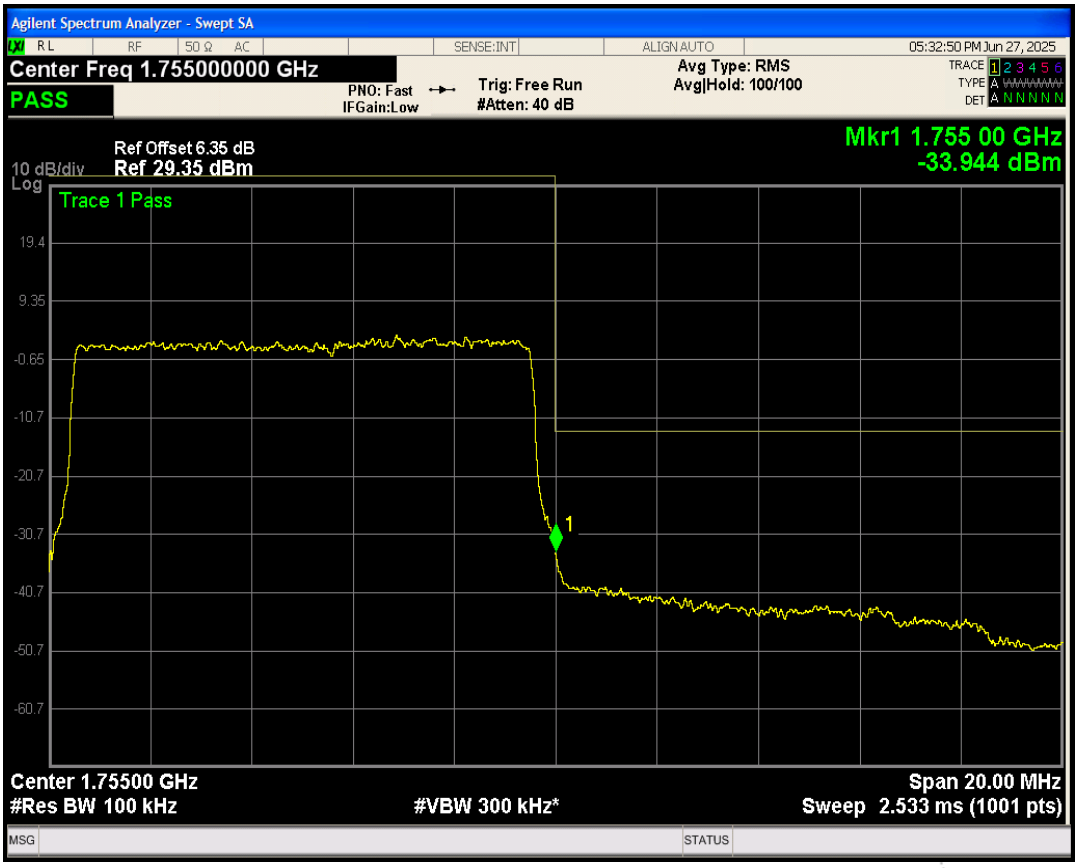
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



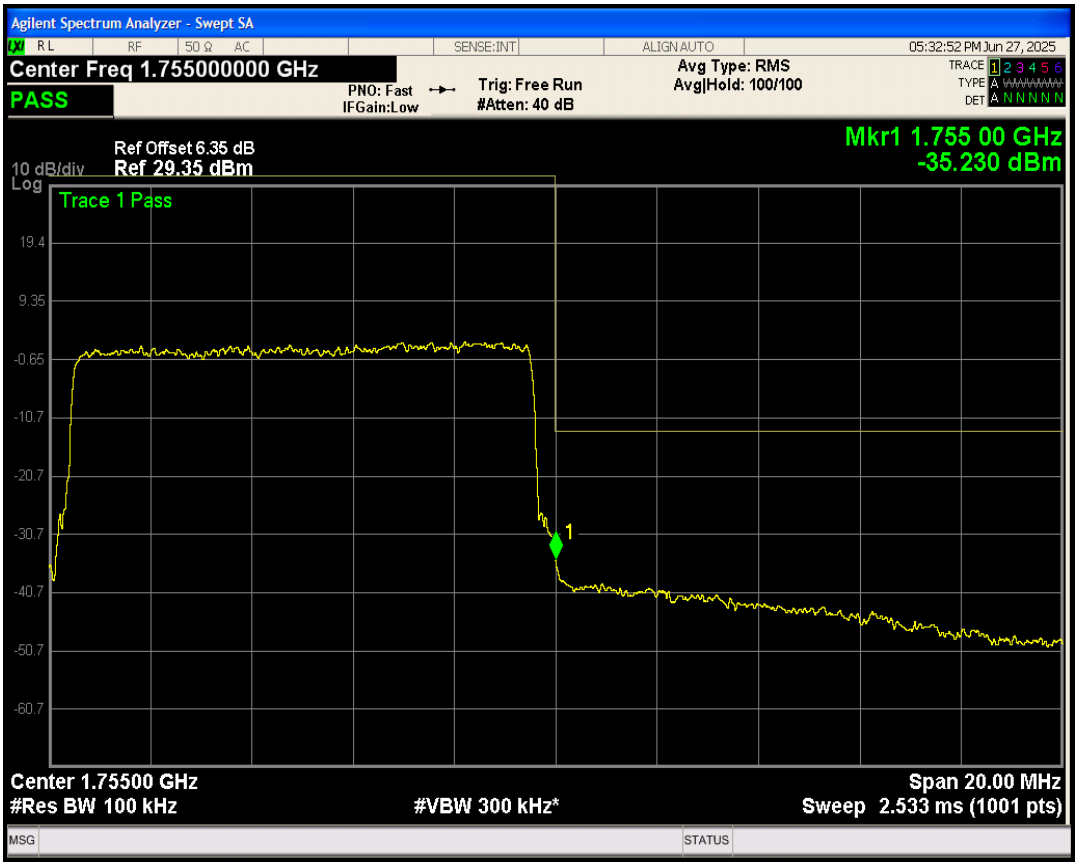
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT



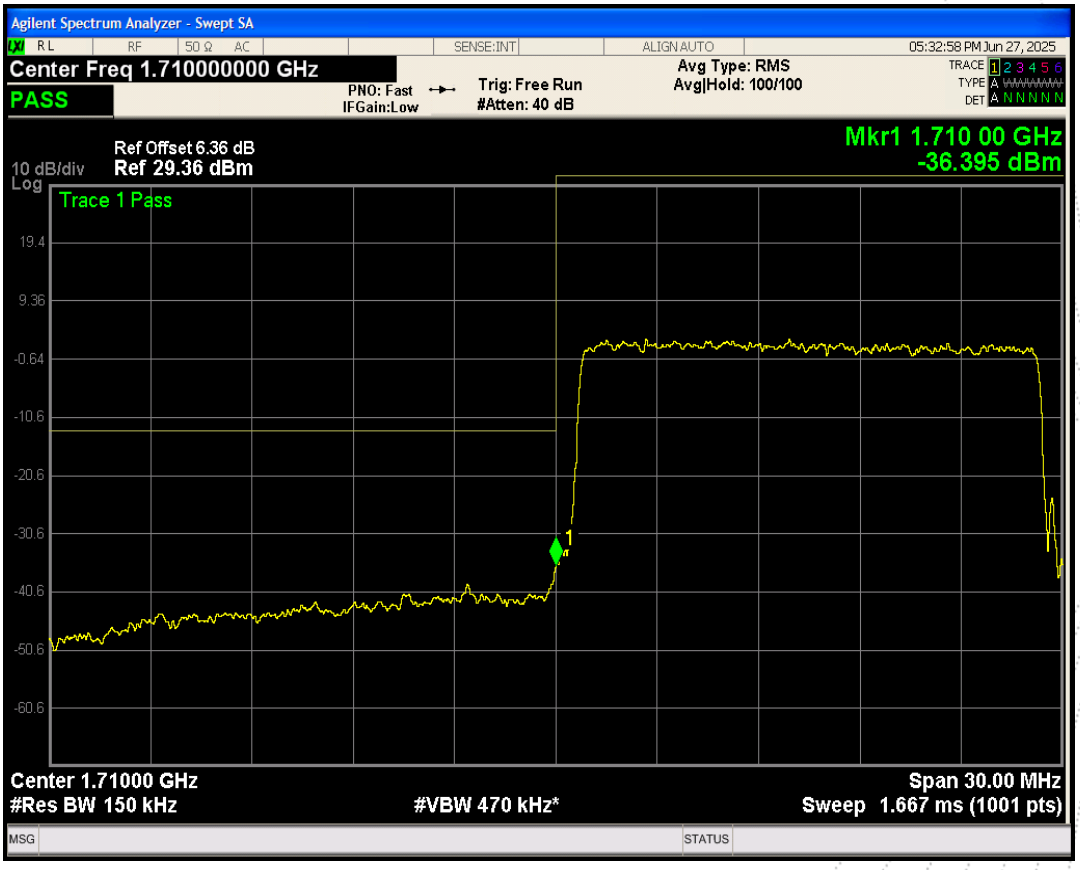
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT



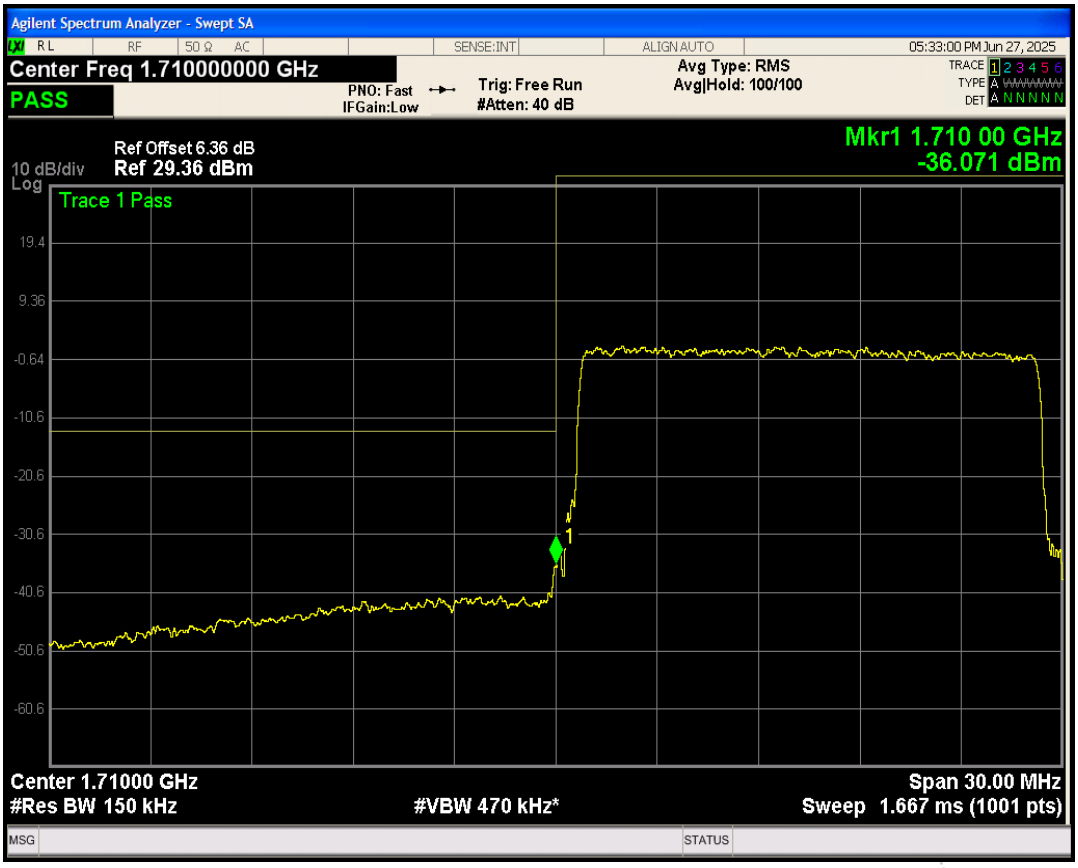
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



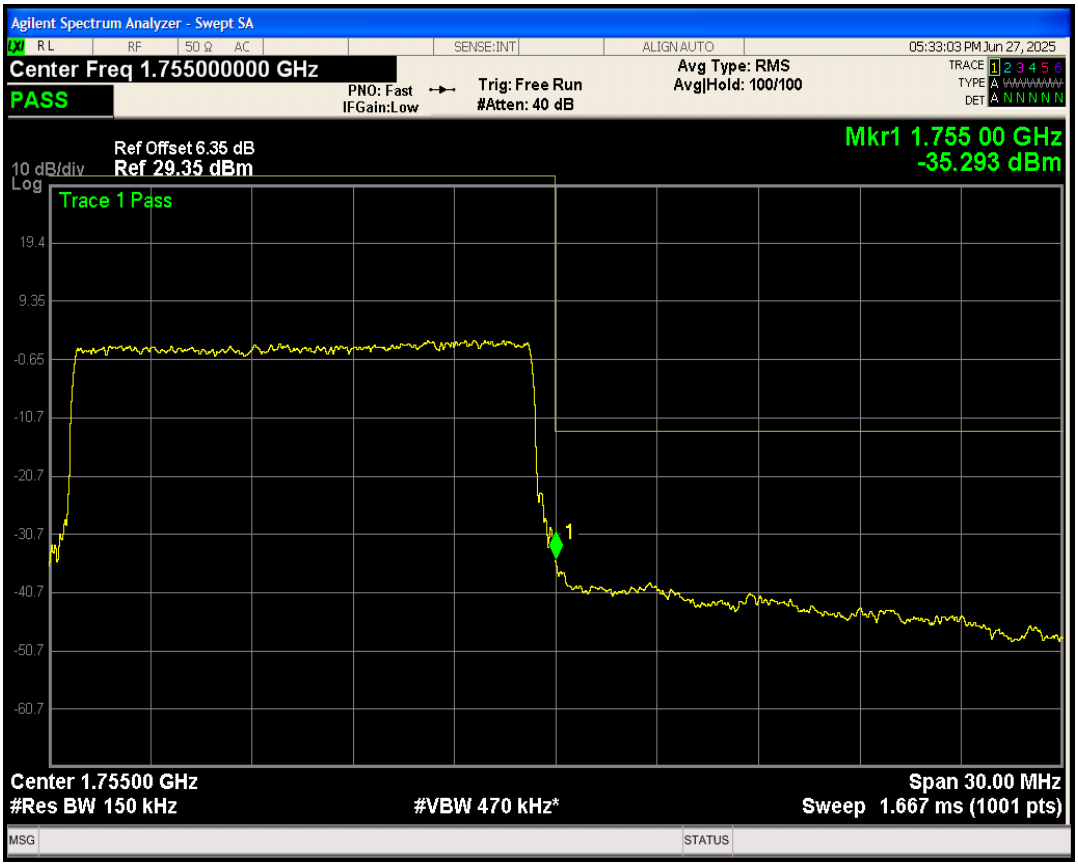
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



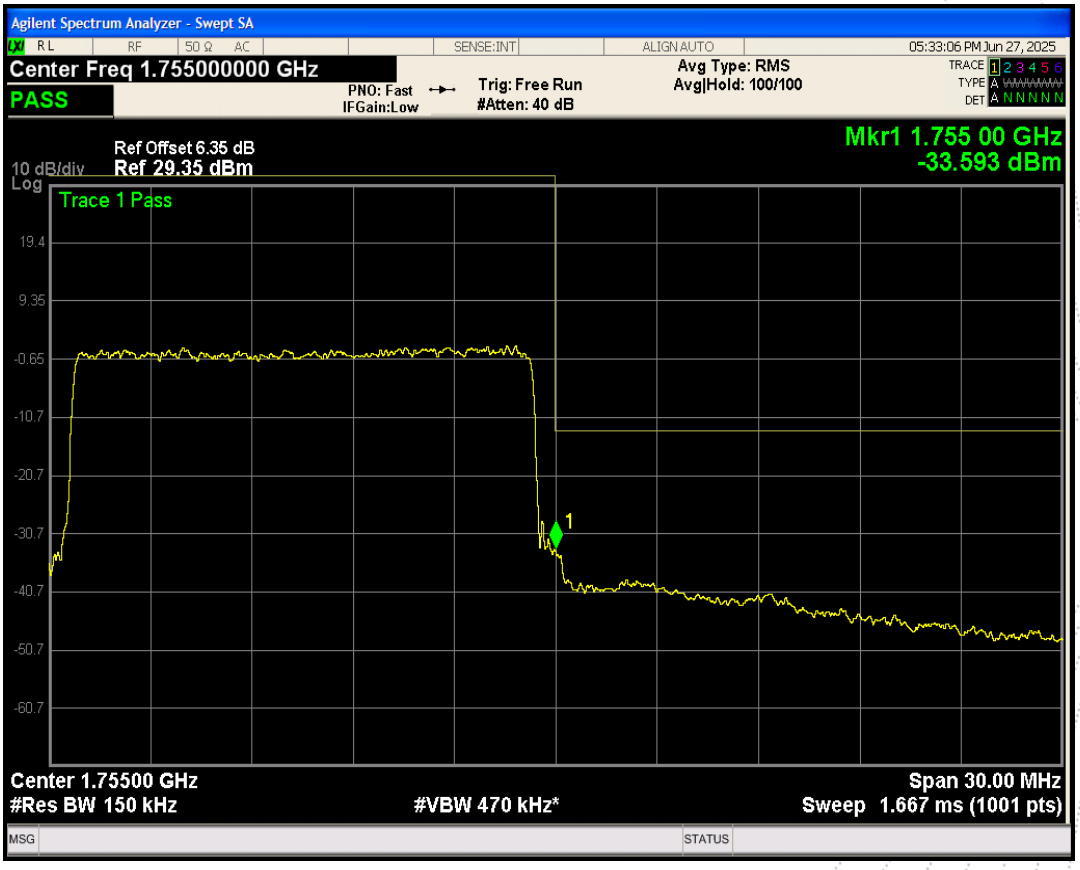
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



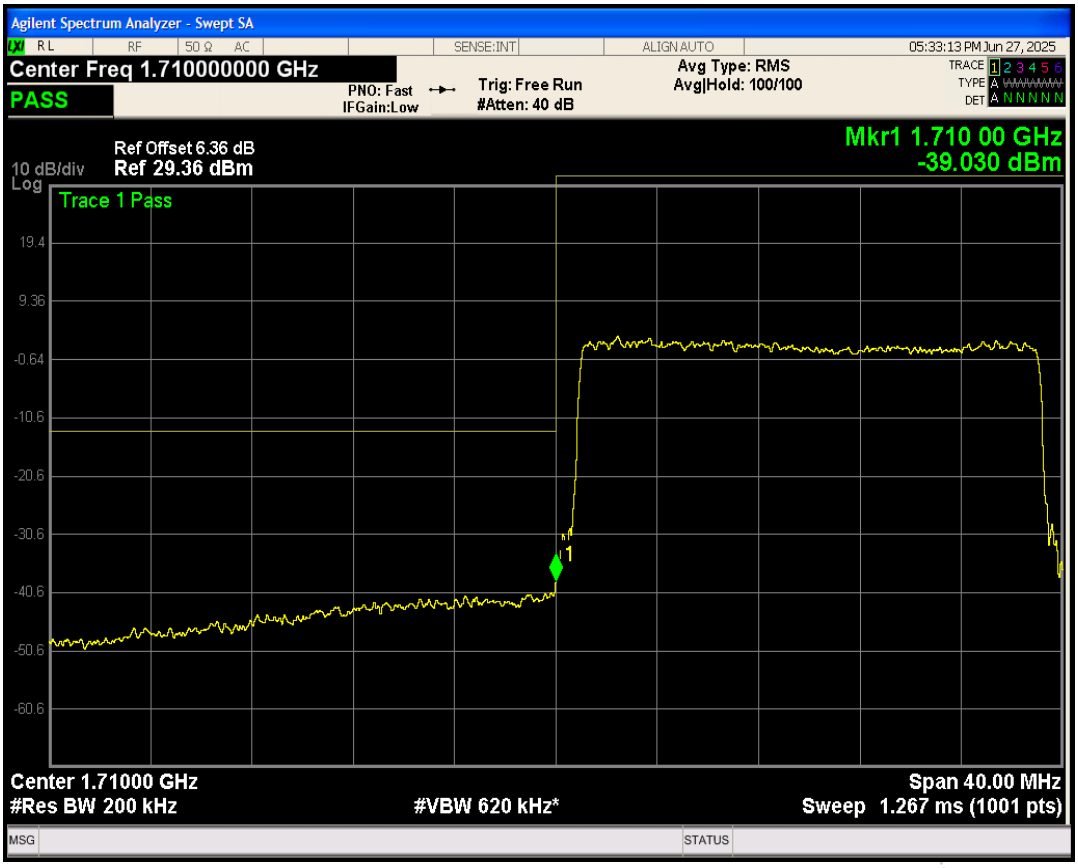
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



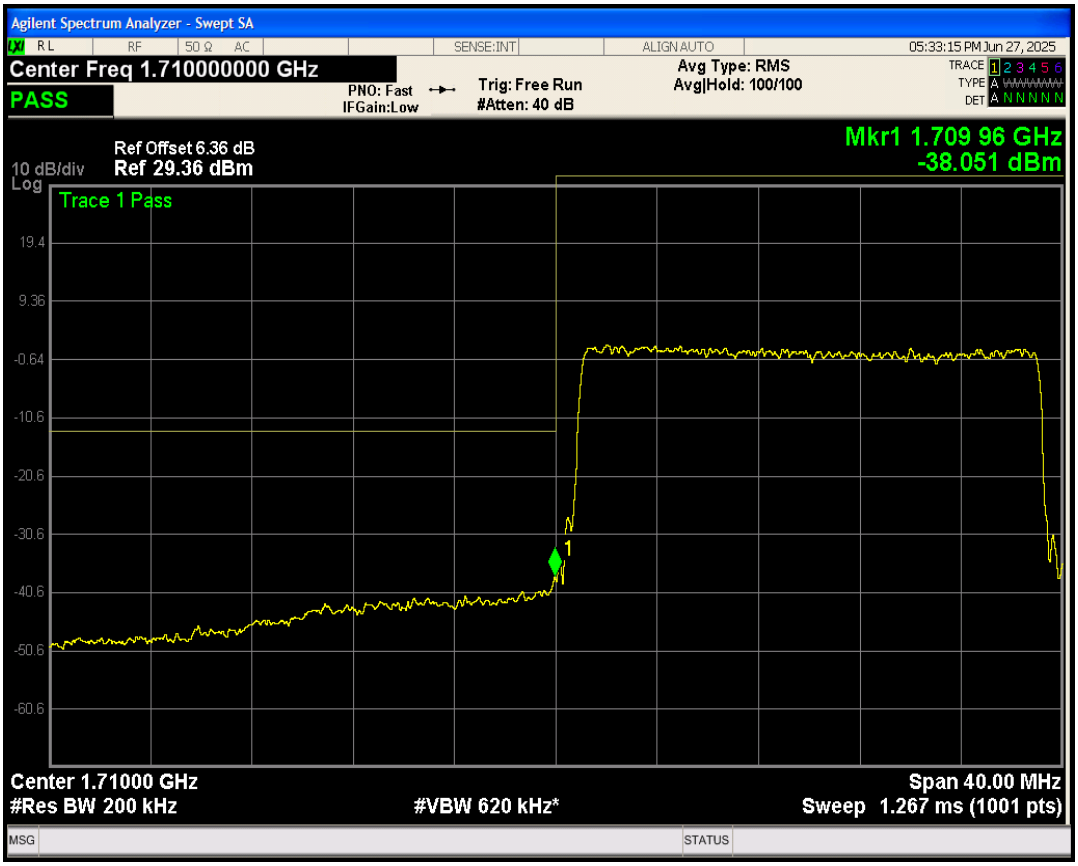
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



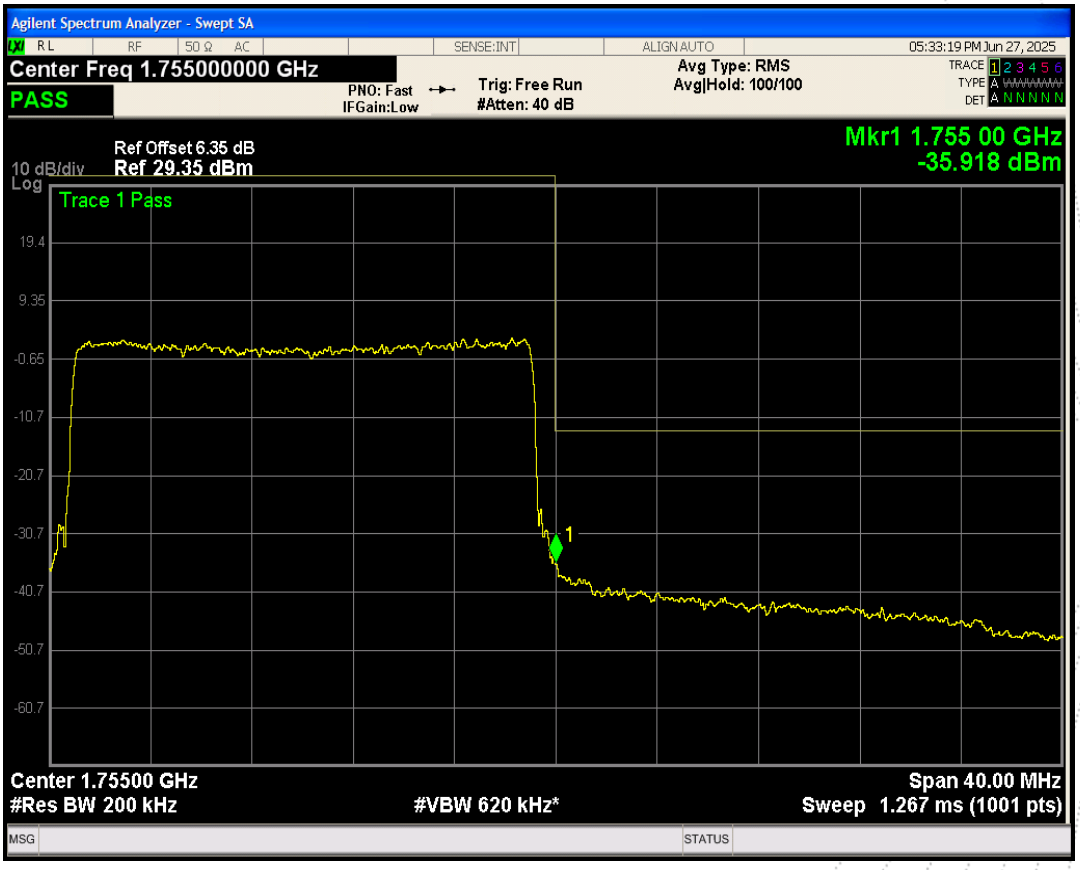
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



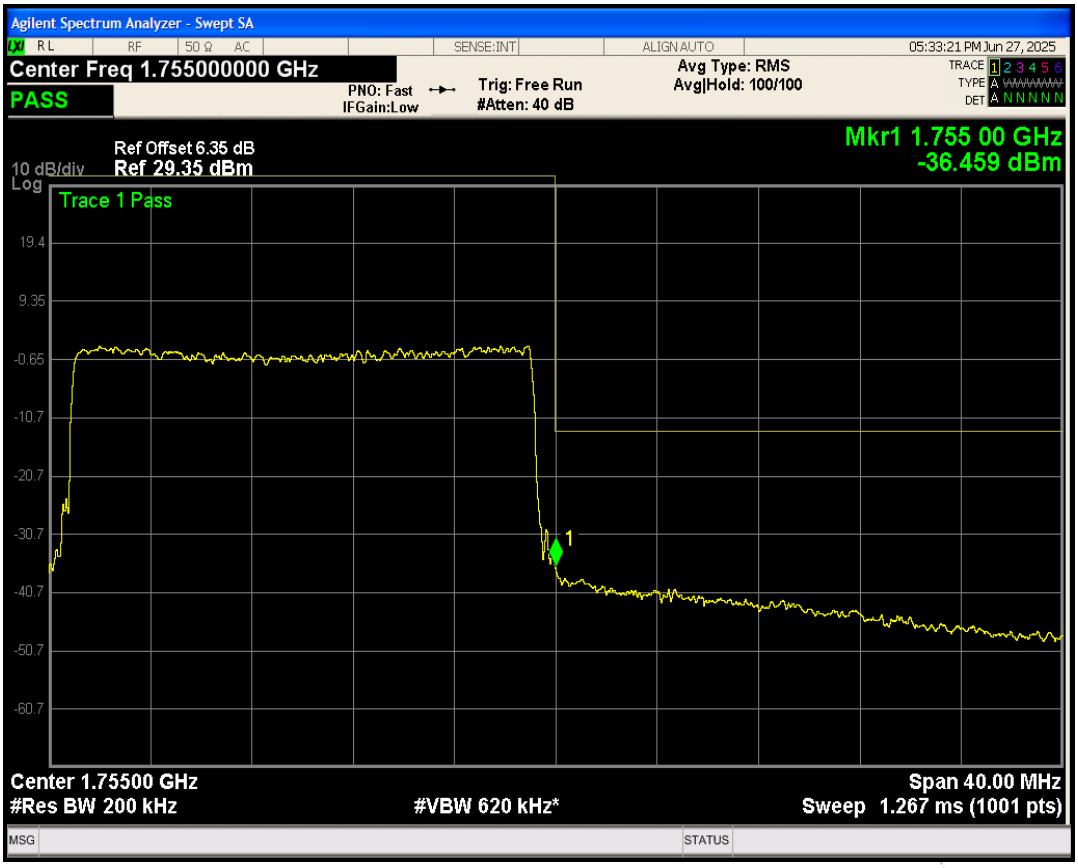
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



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



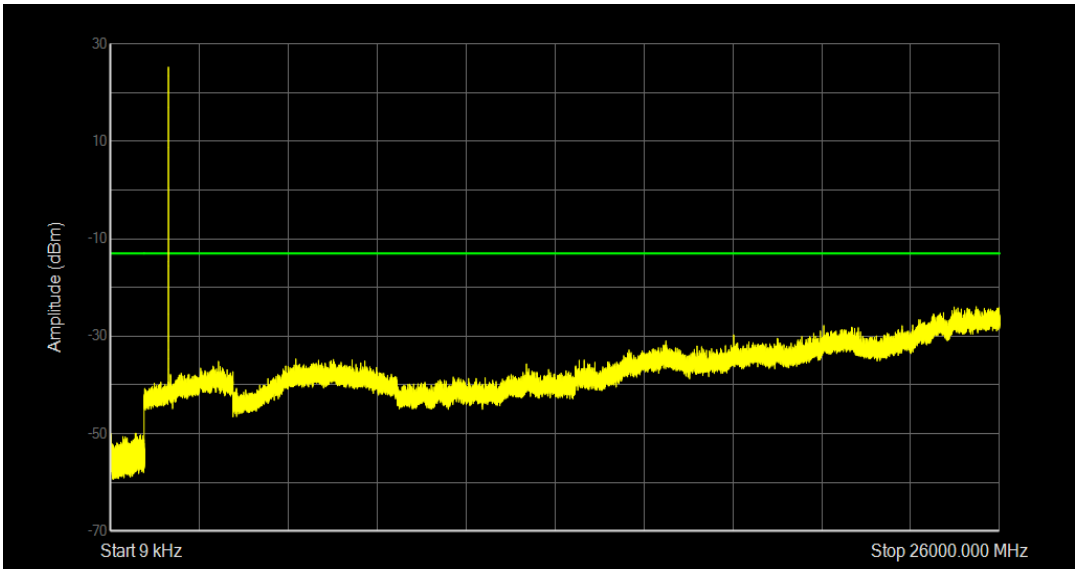
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT



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

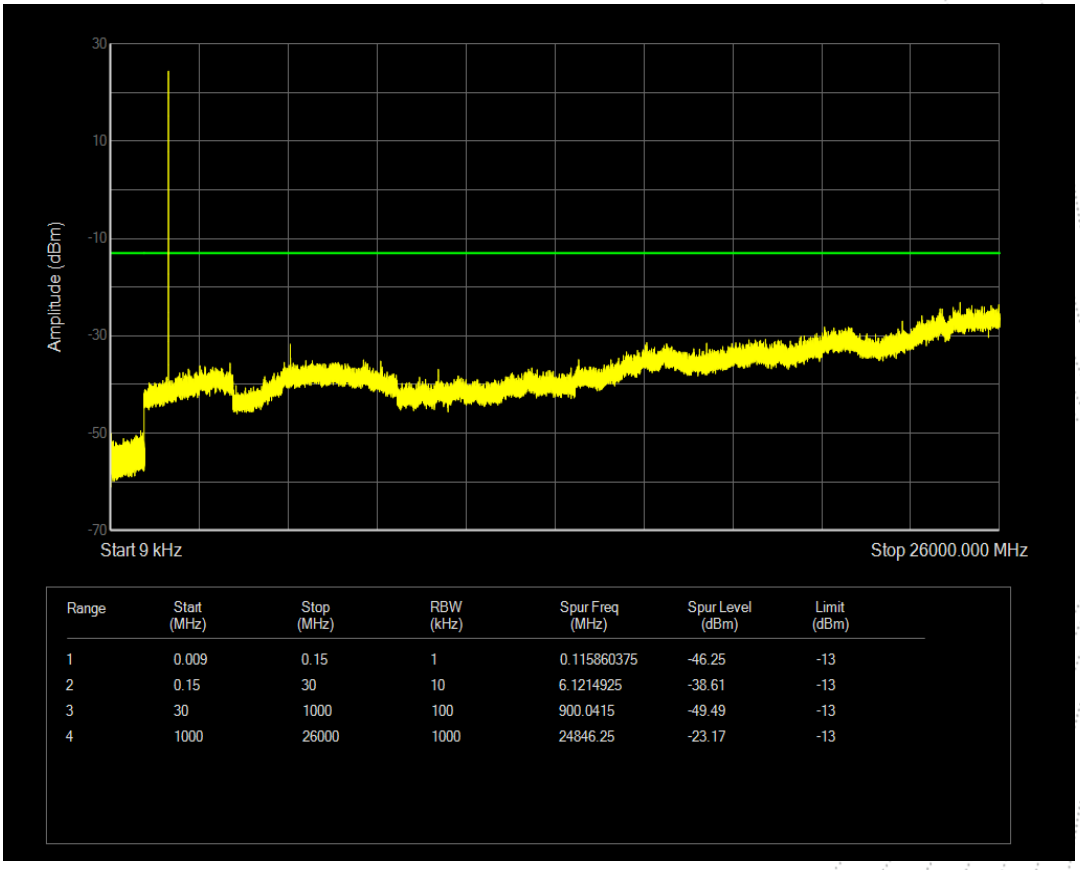
Appendix 6.Out-of-band emissions

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	25318.13	-23.94	-13	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	24846.25	-23.17	-13	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	25766.25	-22.49	-13	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	25775.63	-22.75	-13	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	25669.38	-24.04	-13	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	25921.25	-22.97	-13	PASS
NVNT	Band4	3	19965	15	#0	QPSK	25759.38	-23.36	-13	PASS
NVNT	Band4	3	19965	15	#0	16QAM	25061.25	-22.07	-13	PASS
NVNT	Band4	3	20175	15	#0	QPSK	25488.13	-23.36	-13	PASS
NVNT	Band4	3	20175	15	#0	16QAM	25431.25	-22.04	-13	PASS
NVNT	Band4	3	20385	15	#0	QPSK	25784.38	-23.11	-13	PASS
NVNT	Band4	3	20385	15	#0	16QAM	25147.50	-23.45	-13	PASS
NVNT	Band4	5	19975	25	#0	QPSK	25847.50	-22.98	-13	PASS
NVNT	Band4	5	19975	25	#0	16QAM	25114.38	-23.36	-13	PASS
NVNT	Band4	5	20175	25	#0	QPSK	25360.00	-23.55	-13	PASS
NVNT	Band4	5	20175	25	#0	16QAM	25660.00	-22.60	-13	PASS
NVNT	Band4	5	20375	25	#0	QPSK	25861.25	-23.07	-13	PASS
NVNT	Band4	5	20375	25	#0	16QAM	25475.63	-23.30	-13	PASS
NVNT	Band4	10	20000	50	#0	QPSK	25748.75	-22.21	-13	PASS
NVNT	Band4	10	20000	50	#0	16QAM	25466.25	-23.91	-13	PASS
NVNT	Band4	10	20175	50	#0	QPSK	25723.13	-23.45	-13	PASS
NVNT	Band4	10	20175	50	#0	16QAM	25687.50	-22.53	-13	PASS
NVNT	Band4	10	20350	50	#0	QPSK	25538.13	-23.41	-13	PASS
NVNT	Band4	10	20350	50	#0	16QAM	25971.25	-23.17	-13	PASS
NVNT	Band4	15	20025	75	#0	QPSK	25121.25	-22.97	-13	PASS
NVNT	Band4	15	20025	75	#0	16QAM	25546.25	-23.58	-13	PASS
NVNT	Band4	15	20175	75	#0	QPSK	25098.75	-23.65	-13	PASS
NVNT	Band4	15	20175	75	#0	16QAM	25393.13	-23.64	-13	PASS
NVNT	Band4	15	20325	75	#0	QPSK	25592.50	-22.52	-13	PASS
NVNT	Band4	15	20325	75	#0	16QAM	25409.38	-23.49	-13	PASS
NVNT	Band4	20	20050	100	#0	QPSK	25628.13	-23.49	-13	PASS
NVNT	Band4	20	20050	100	#0	16QAM	25964.38	-22.89	-13	PASS
NVNT	Band4	20	20175	100	#0	QPSK	25135.00	-22.78	-13	PASS
NVNT	Band4	20	20175	100	#0	16QAM	25415.00	-23.03	-13	PASS
NVNT	Band4	20	20300	100	#0	QPSK	25798.13	-23.10	-13	PASS
NVNT	Band4	20	20300	100	#0	16QAM	25761.25	-23.48	-13	PASS



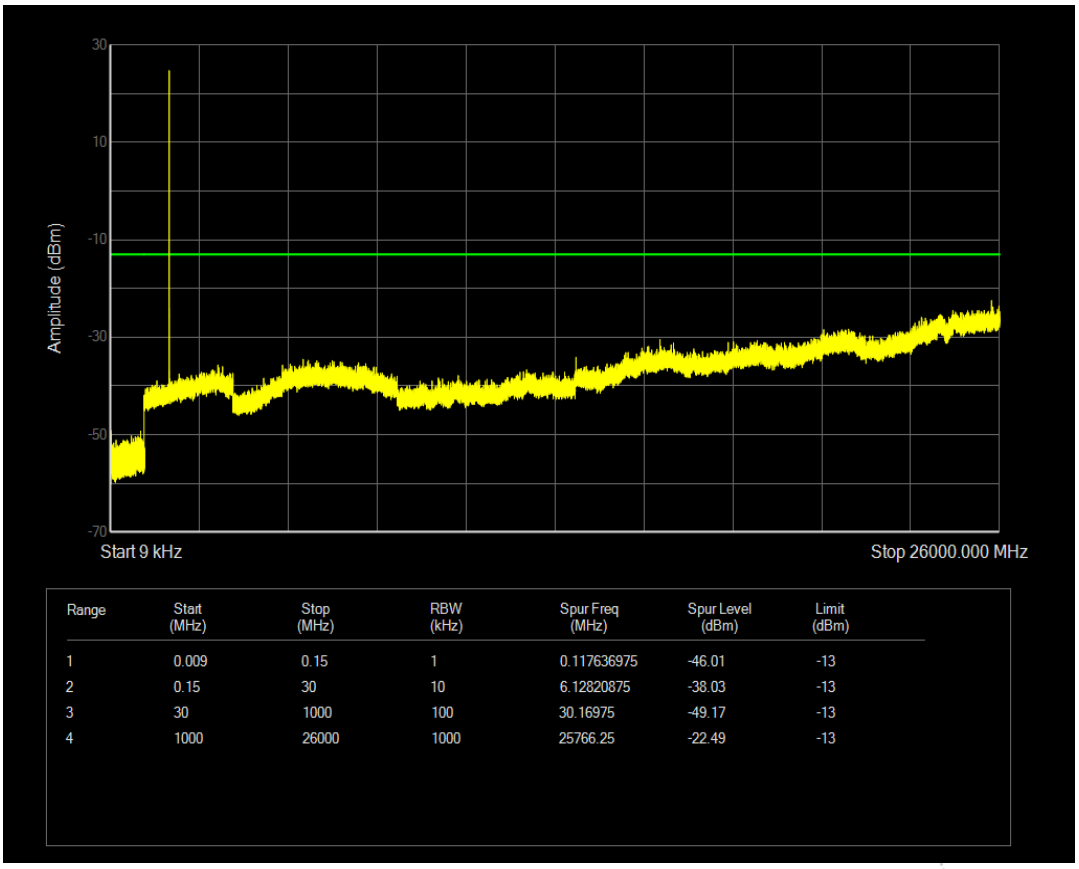
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.115211775	-46.14	-13
2	0.15	30	10	6.13119375	-37.5	-13
3	30	1000	100	761.21025	-49.92	-13
4	1000	26000	1000	25318.125	-23.94	-13

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



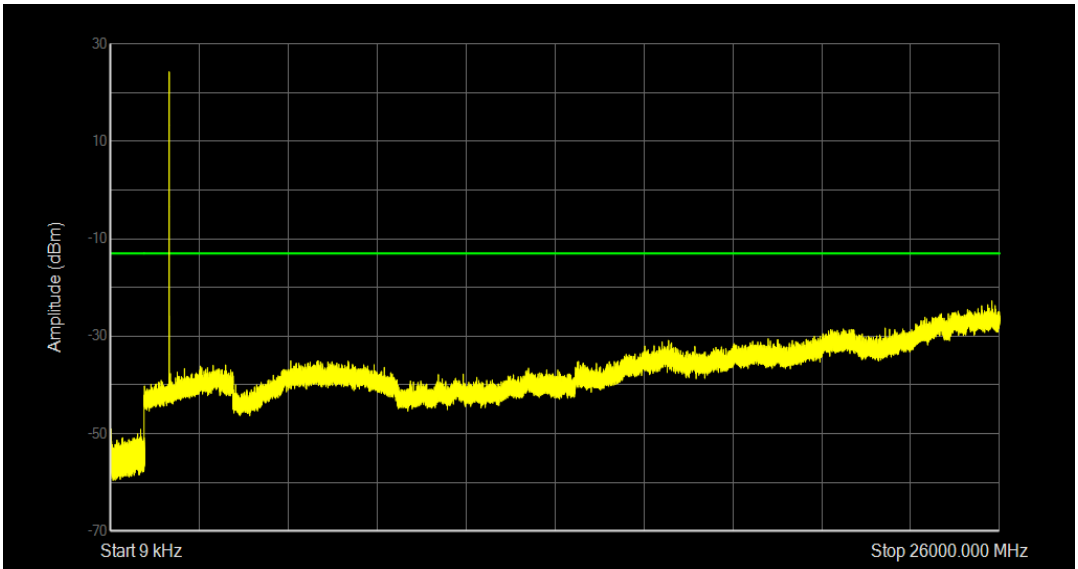
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.115860375	-46.25	-13
2	0.15	30	10	6.1214925	-38.61	-13
3	30	1000	100	900.0415	-49.49	-13
4	1000	26000	1000	24846.25	-23.17	-13

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



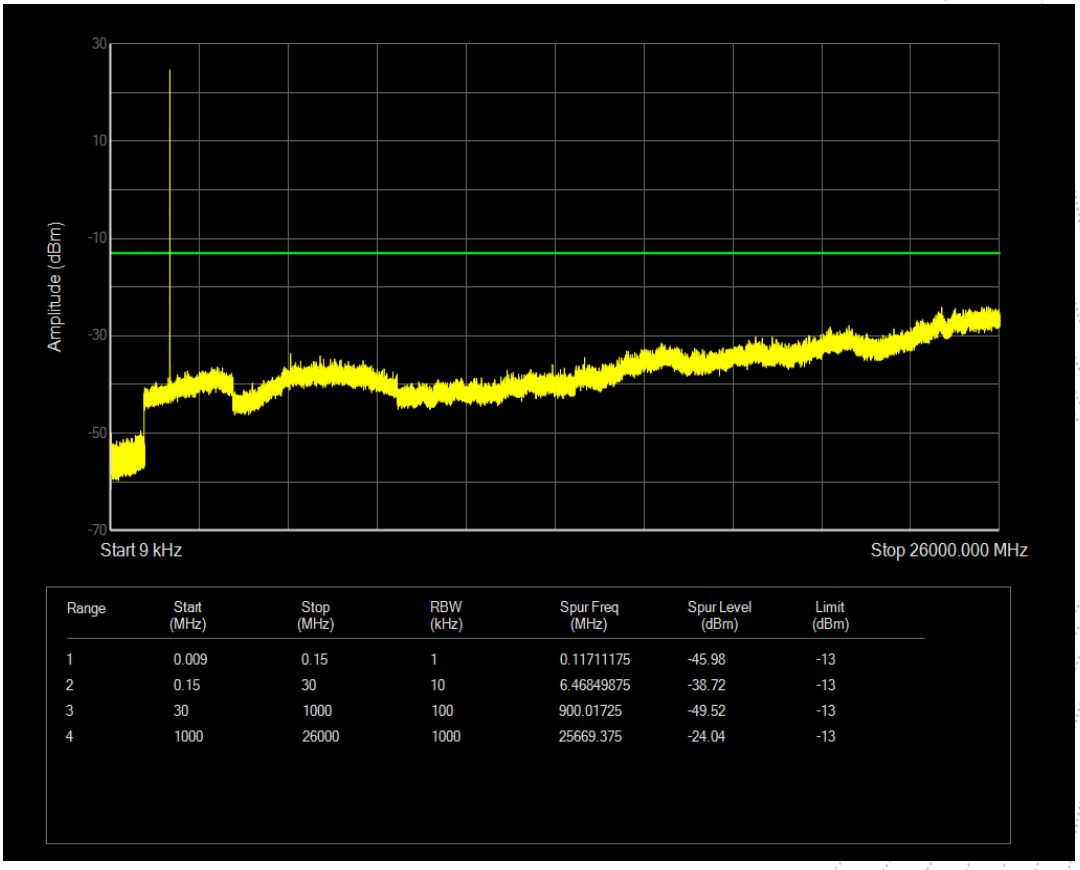
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.117636975	-46.01	-13
2	0.15	30	10	6.12820875	-38.03	-13
3	30	1000	100	30.16975	-49.17	-13
4	1000	26000	1000	25766.25	-22.49	-13

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



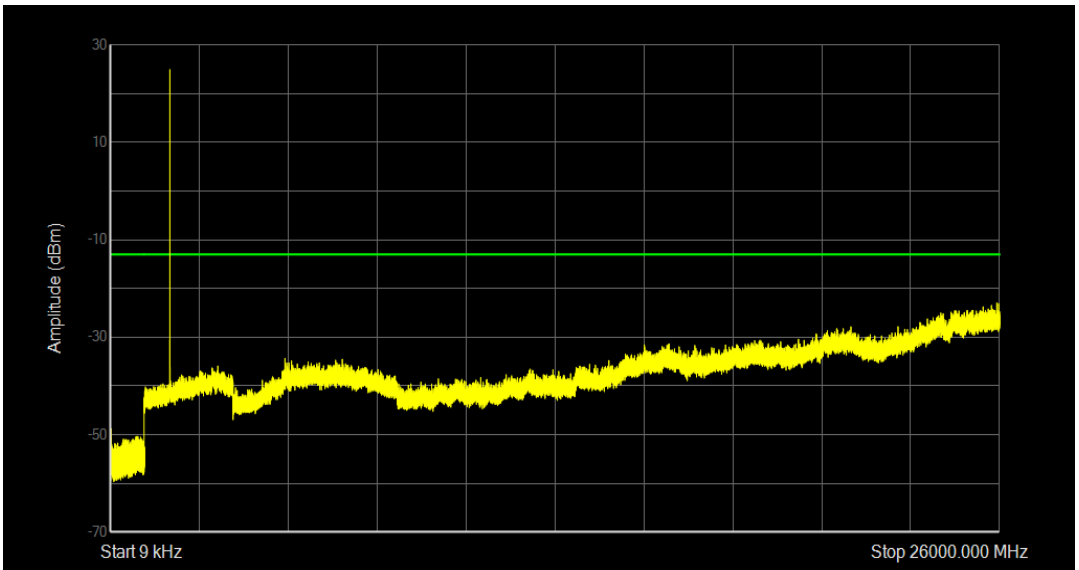
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092256	-45.45	-13
2	0.15	30	10	6.1185075	-38.02	-13
3	30	1000	100	30.6305	-49.05	-13
4	1000	26000	1000	25775.625	-22.75	-13

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



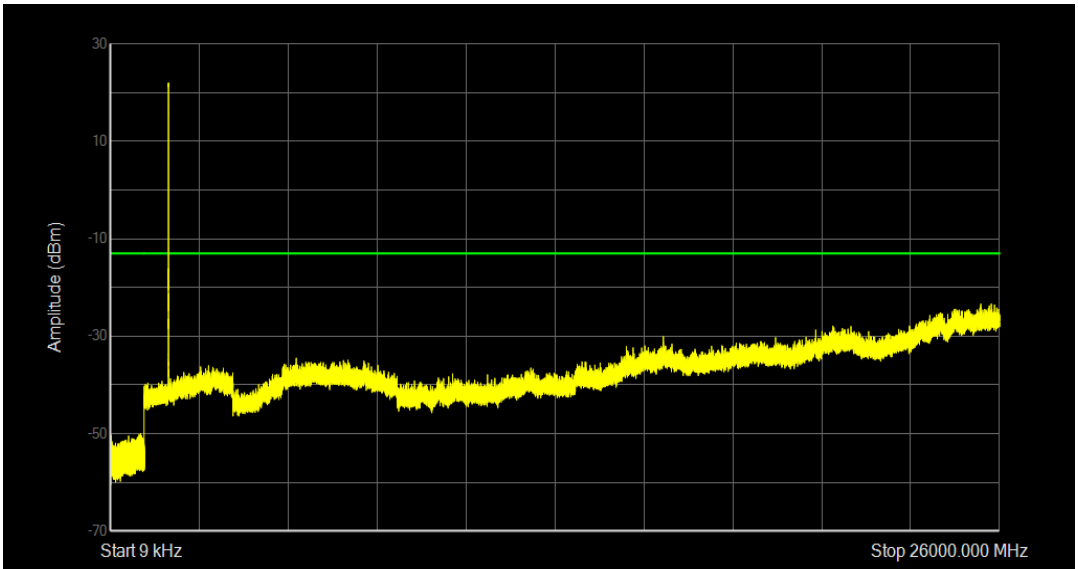
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11711175	-45.98	-13
2	0.15	30	10	6.46849875	-38.72	-13
3	30	1000	100	900.01725	-49.52	-13
4	1000	26000	1000	25669.375	-24.04	-13

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



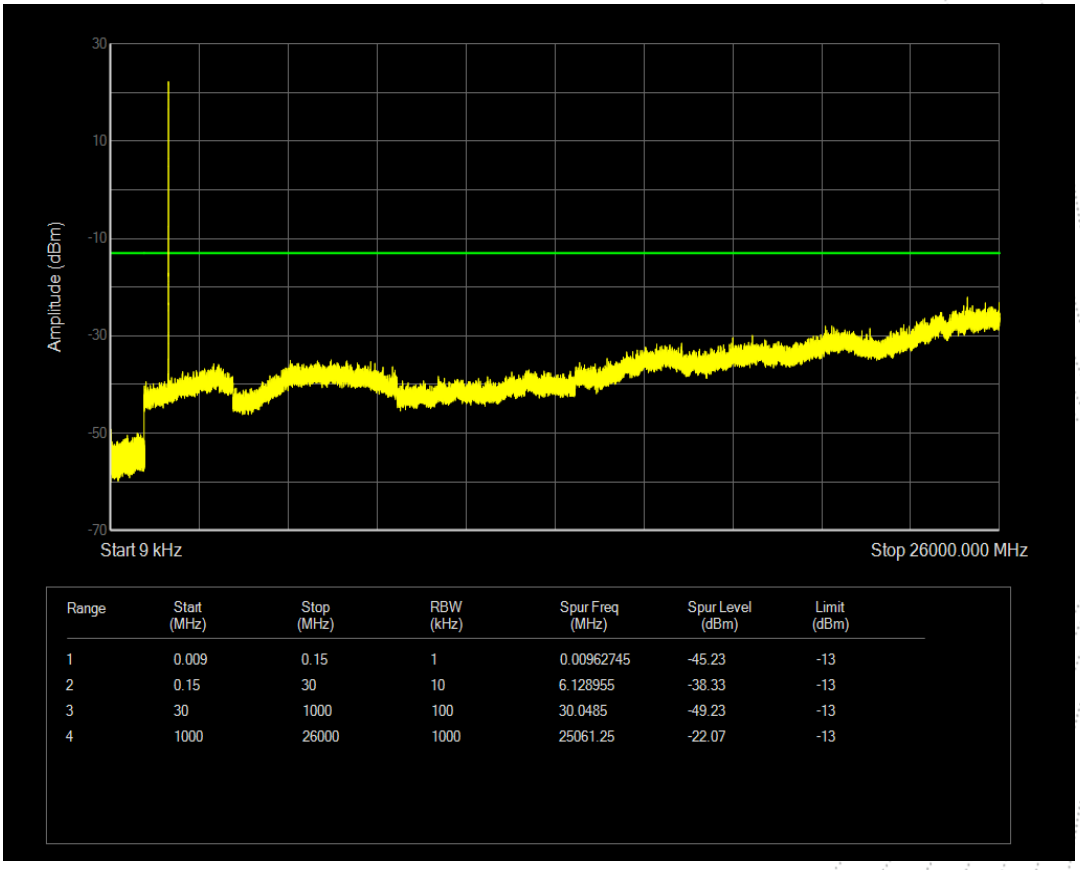
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100293	-45.08	-13
2	0.15	30	10	6.09015	-39.91	-13
3	30	1000	100	31.164	-48.8	-13
4	1000	26000	1000	25921.25	-22.97	-13

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



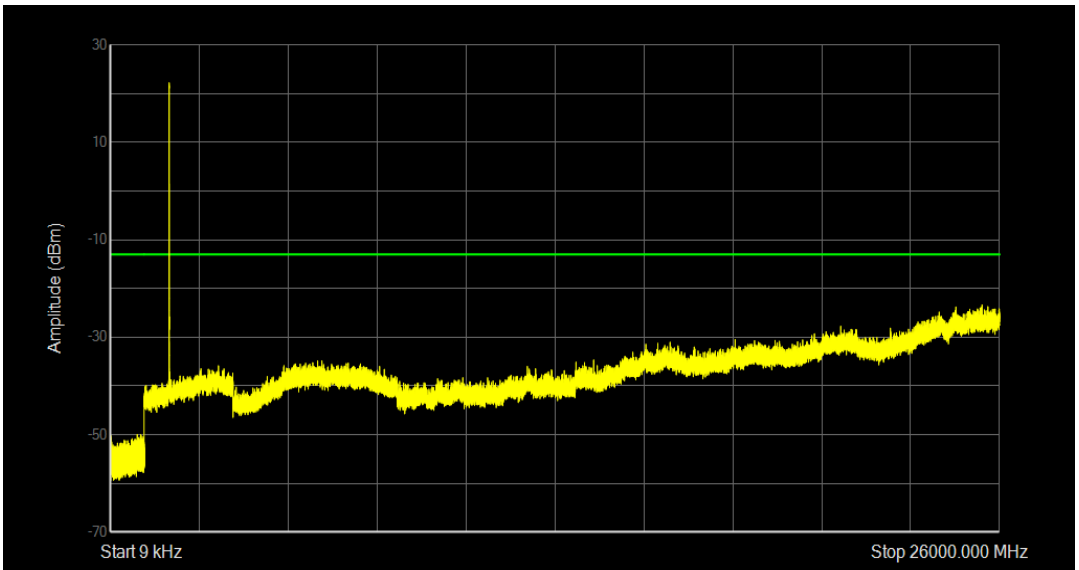
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01071315	-44.22	-13
2	0.15	30	10	6.708045	-39.03	-13
3	30	1000	100	899.993	-50.04	-13
4	1000	26000	1000	25759.375	-23.36	-13

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



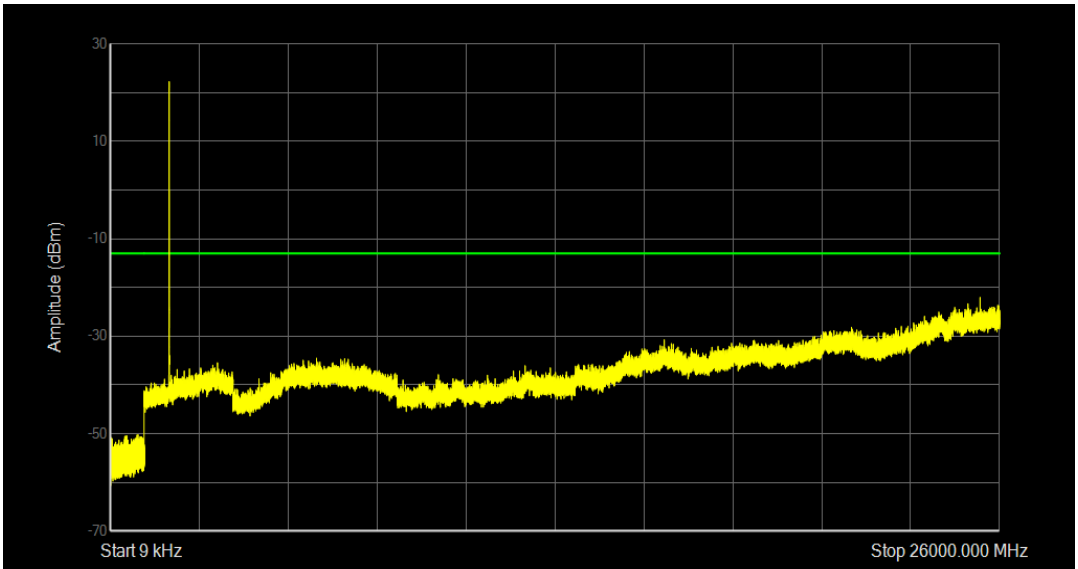
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00962745	-45.23	-13
2	0.15	30	10	6.128955	-38.33	-13
3	30	1000	100	30.0485	-49.23	-13
4	1000	26000	1000	25061.25	-22.07	-13

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



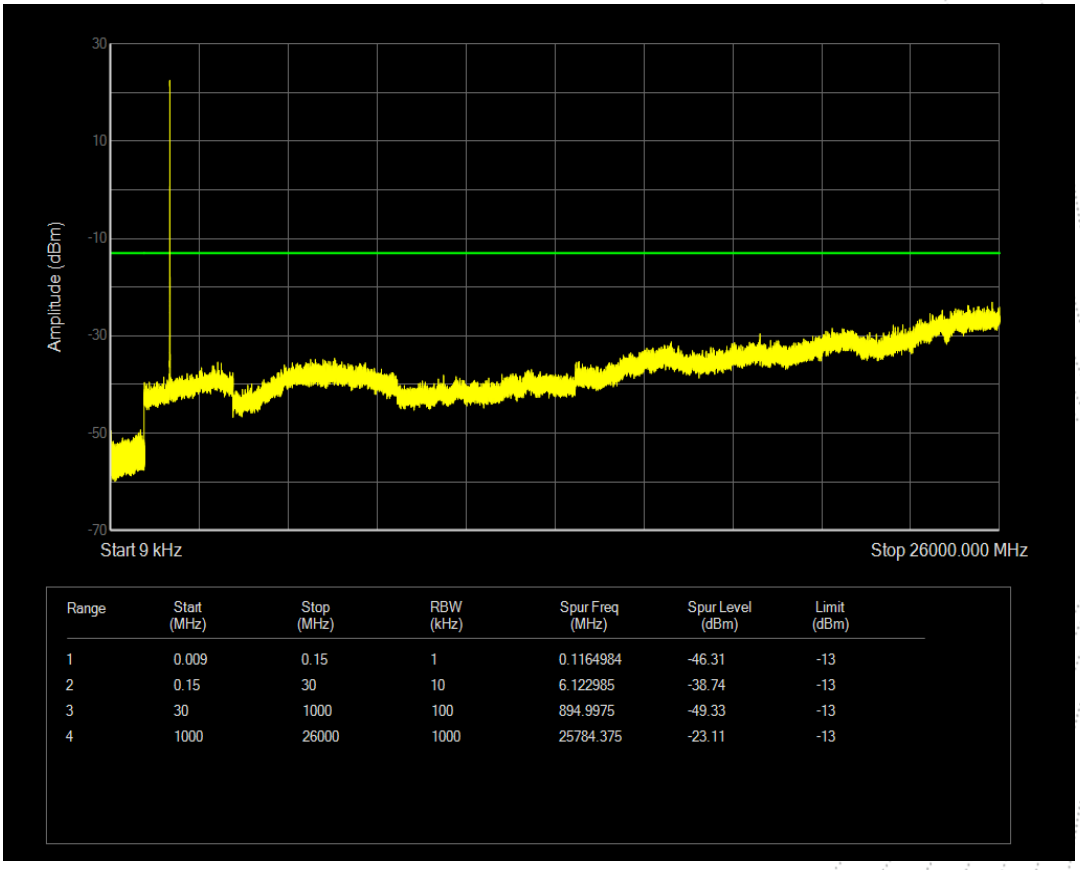
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091551	-44.07	-13
2	0.15	30	10	6.46551375	-39.33	-13
3	30	1000	100	800.01025	-50	-13
4	1000	26000	1000	25488.125	-23.36	-13

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



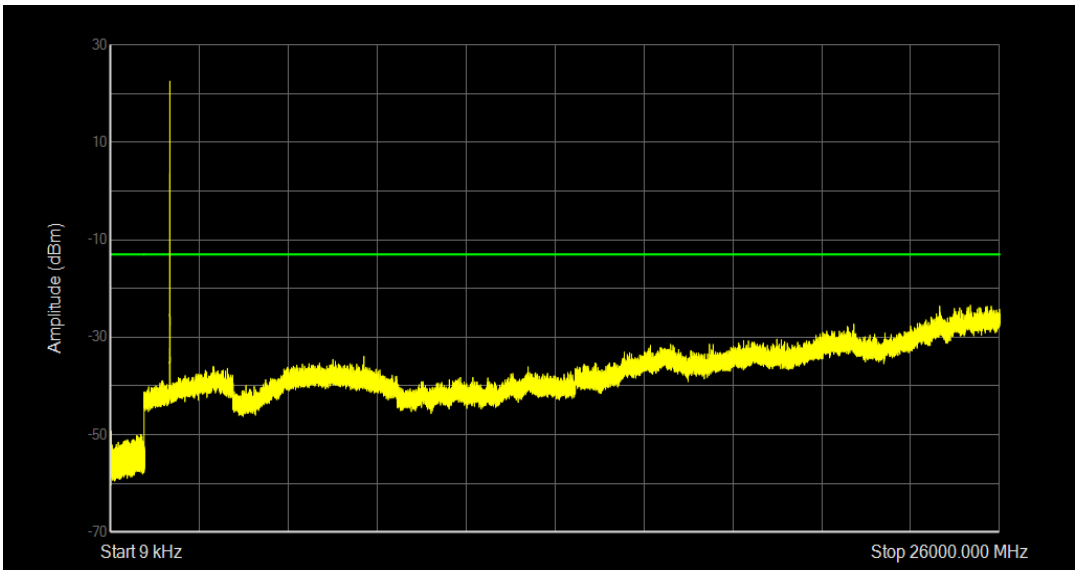
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-43.86	-13
2	0.15	30	10	6.12373125	-38.44	-13
3	30	1000	100	824.139	-50.27	-13
4	1000	26000	1000	25431.25	-22.04	-13

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



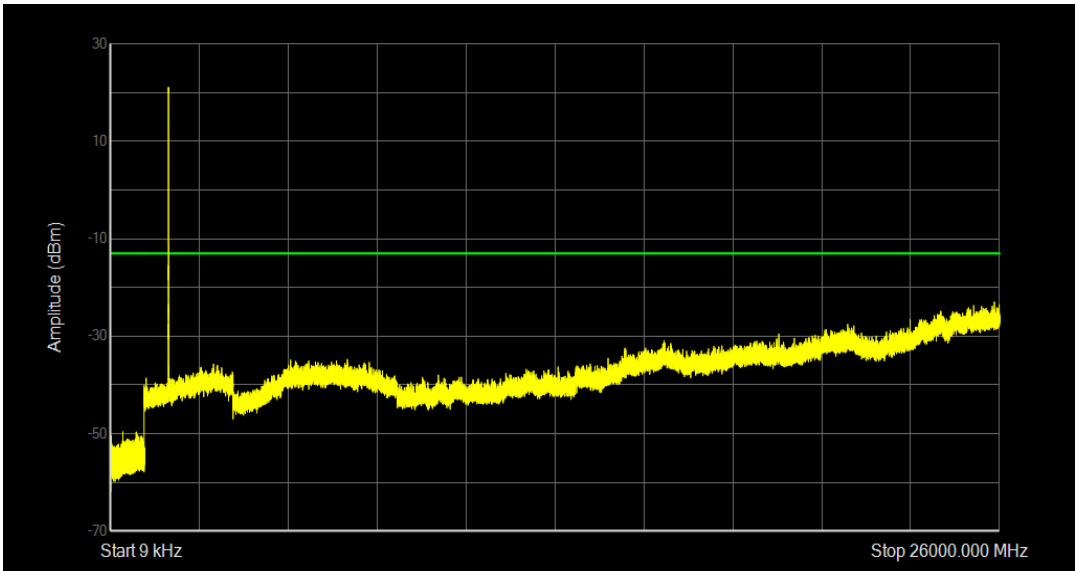
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1164984	-46.31	-13
2	0.15	30	10	6.122985	-38.74	-13
3	30	1000	100	894.9975	-49.33	-13
4	1000	26000	1000	25784.375	-23.11	-13

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



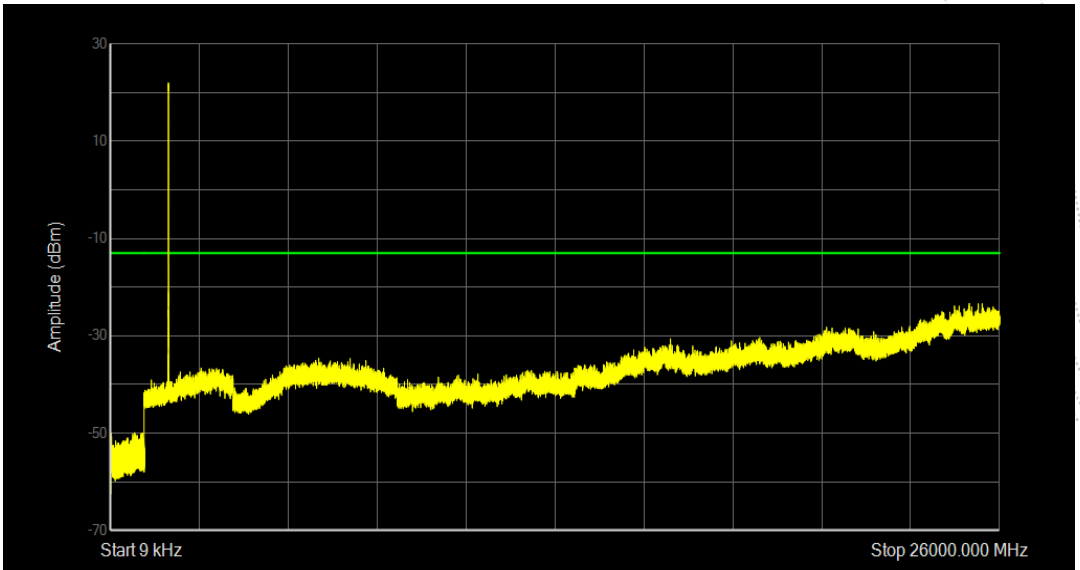
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.73	-13
2	0.15	30	10	6.140895	-38.69	-13
3	30	1000	100	30.1455	-49.25	-13
4	1000	26000	1000	25147.5	-23.45	-13

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



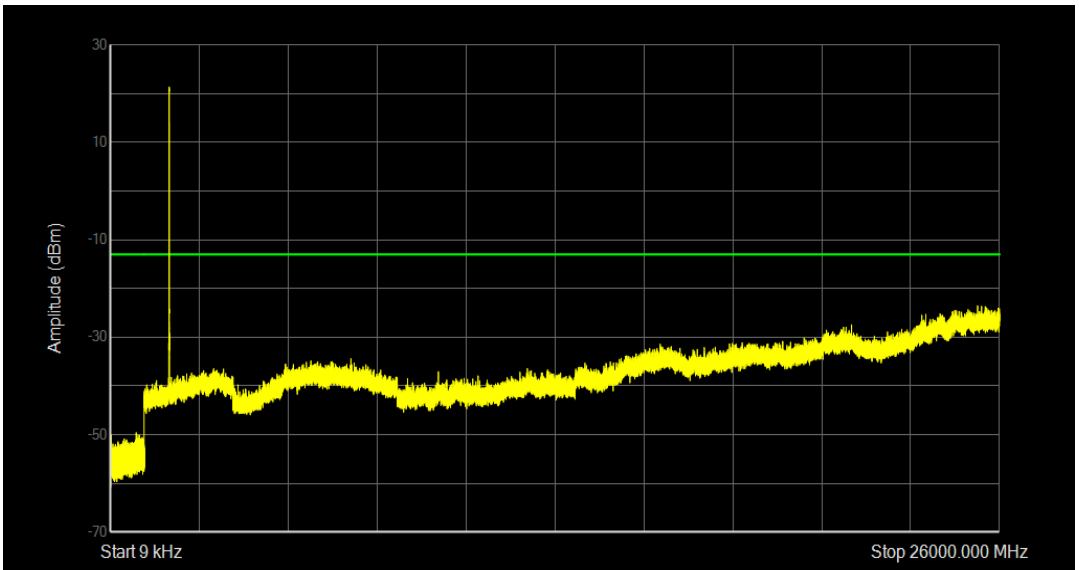
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00968385	-44.12	-13
2	0.15	30	10	6.68043375	-39.18	-13
3	30	1000	100	379.22425	-49.61	-13
4	1000	26000	1000	25847.5	-22.98	-13

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



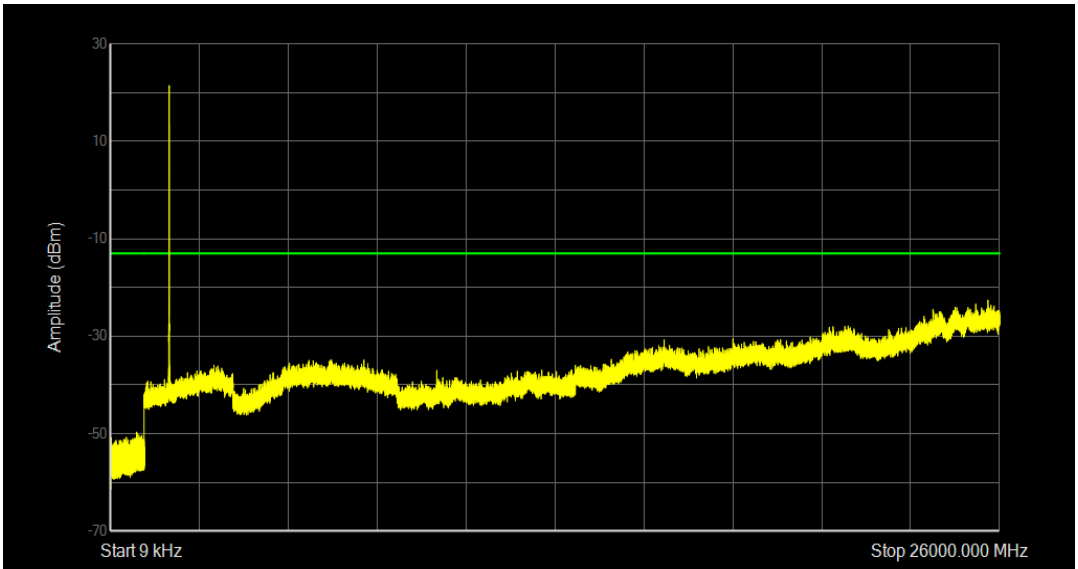
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096768	-45.44	-13
2	0.15	30	10	6.12522375	-38.96	-13
3	30	1000	100	724.44725	-49.89	-13
4	1000	26000	1000	25114.375	-23.36	-13

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



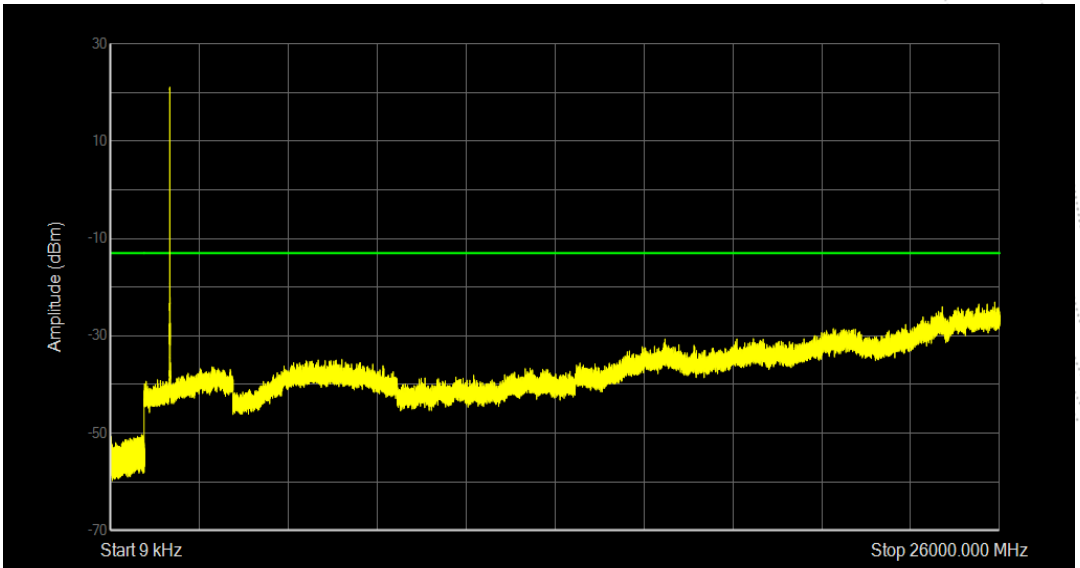
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01099515	-44.45	-13
2	0.15	30	10	6.1274625	-39.33	-13
3	30	1000	100	769.819	-49.6	-13
4	1000	26000	1000	25360	-23.55	-13

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



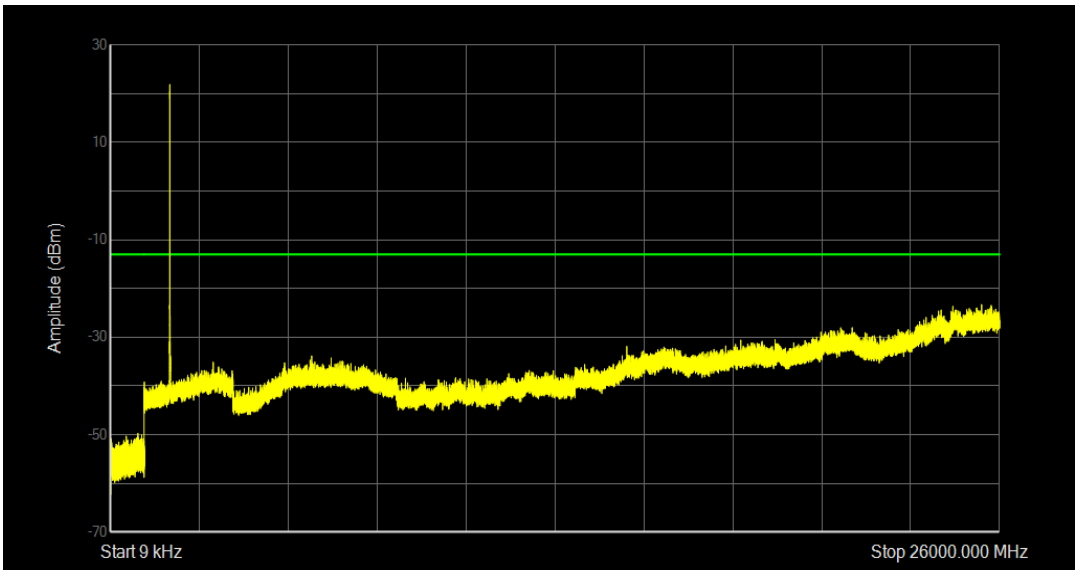
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1161882	-45.84	-13
2	0.15	30	10	6.09835875	-39.14	-13
3	30	1000	100	779.907	-49.69	-13
4	1000	26000	1000	25660	-22.6	-13

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



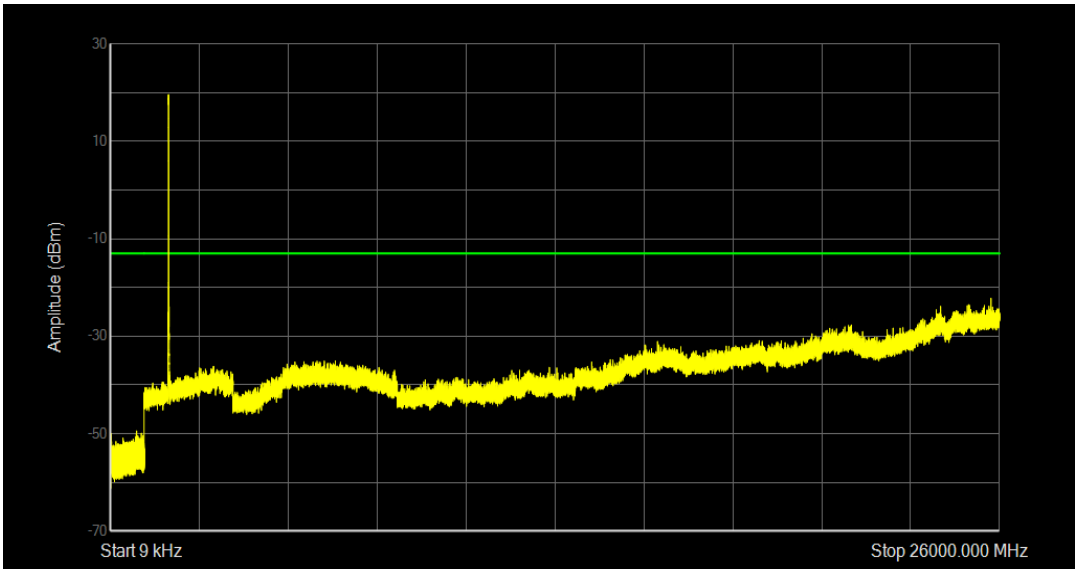
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009066975	-42.78	-13
2	0.15	30	10	6.12522375	-39.02	-13
3	30	1000	100	925.91625	-50.34	-13
4	1000	26000	1000	25861.25	-23.07	-13

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



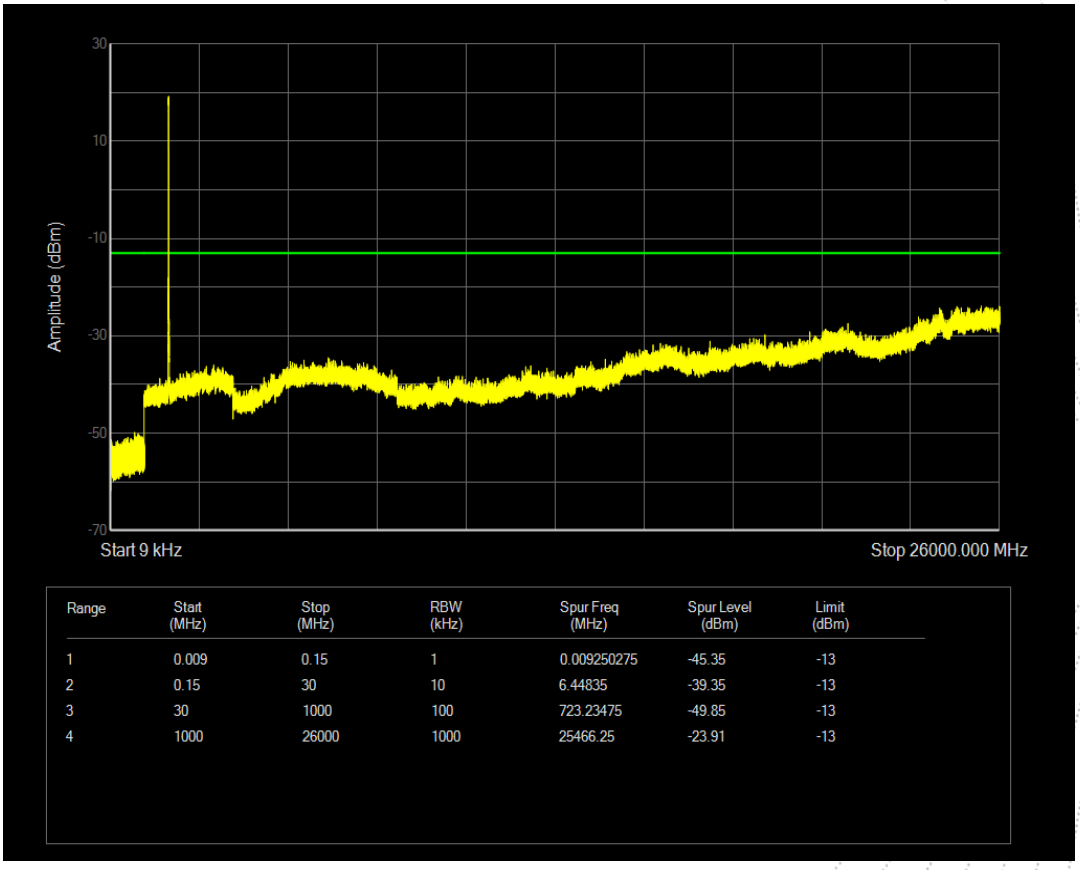
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11471475	-45.43	-13
2	0.15	30	10	6.081195	-39.56	-13
3	30	1000	100	820.38025	-49.79	-13
4	1000	26000	1000	25475.625	-23.3	-13

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



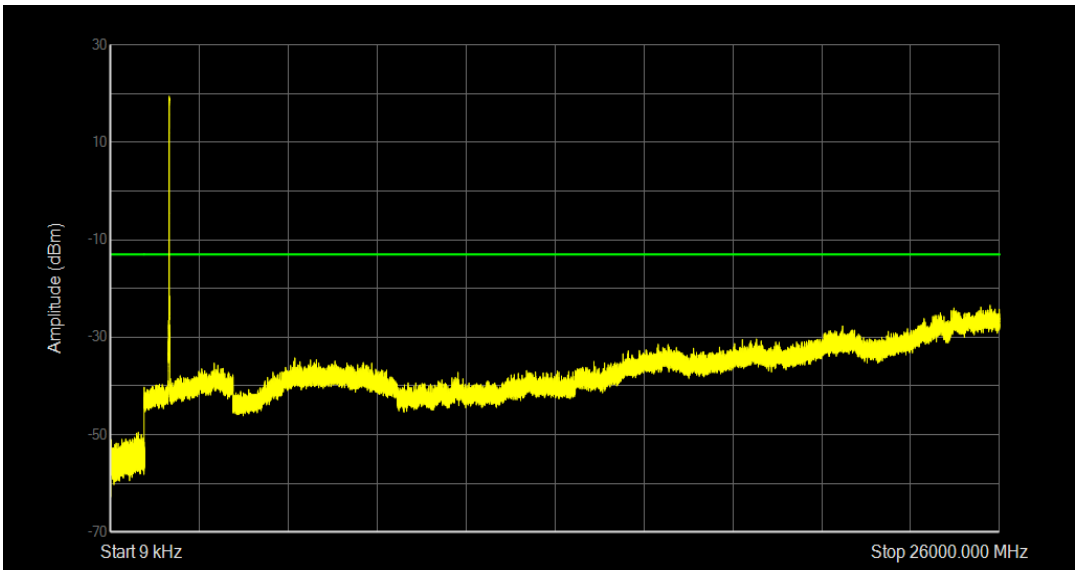
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010561575	-45.8	-13
2	0.15	30	10	6.0976125	-40.62	-13
3	30	1000	100	782.0895	-49.44	-13
4	1000	26000	1000	25748.75	-22.21	-13

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



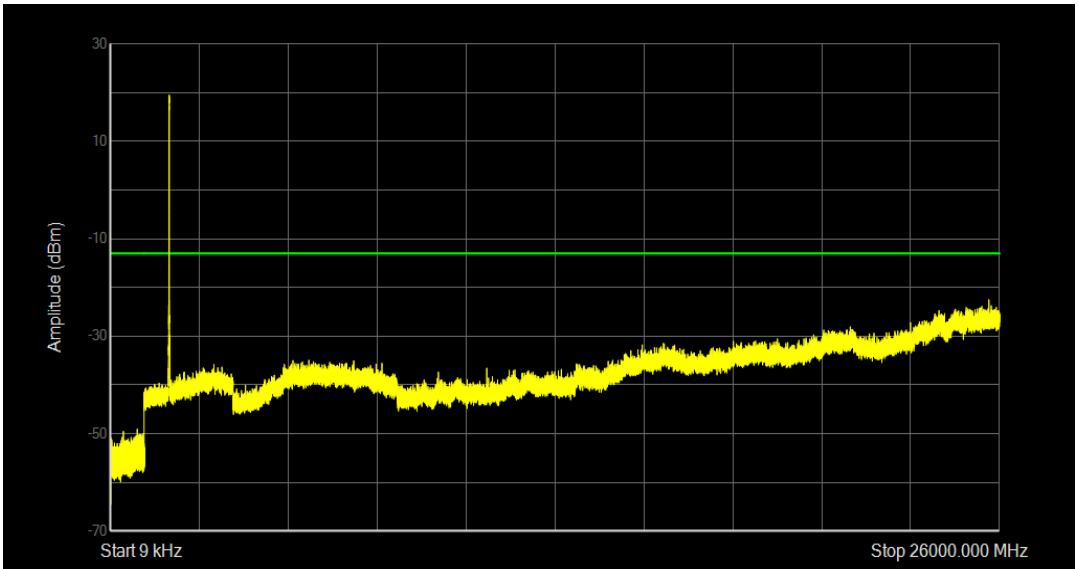
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009250275	-45.35	-13
2	0.15	30	10	6.44835	-39.35	-13
3	30	1000	100	723.23475	-49.85	-13
4	1000	26000	1000	25466.25	-23.91	-13

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



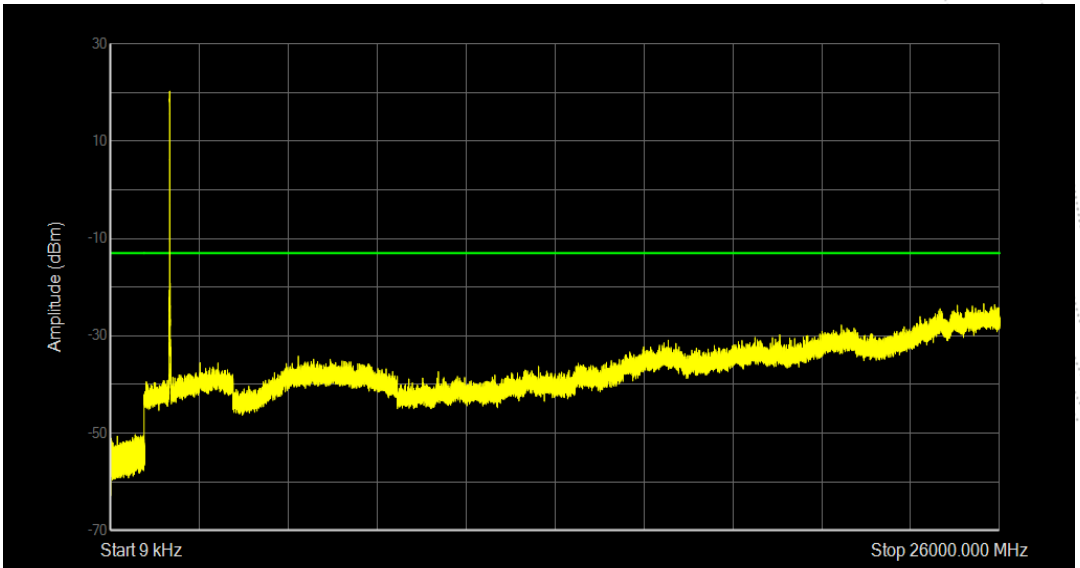
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01017735	-45.57	-13
2	0.15	30	10	6.10283625	-39.88	-13
3	30	1000	100	831.3655	-49.53	-13
4	1000	26000	1000	25723.125	-23.45	-13

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



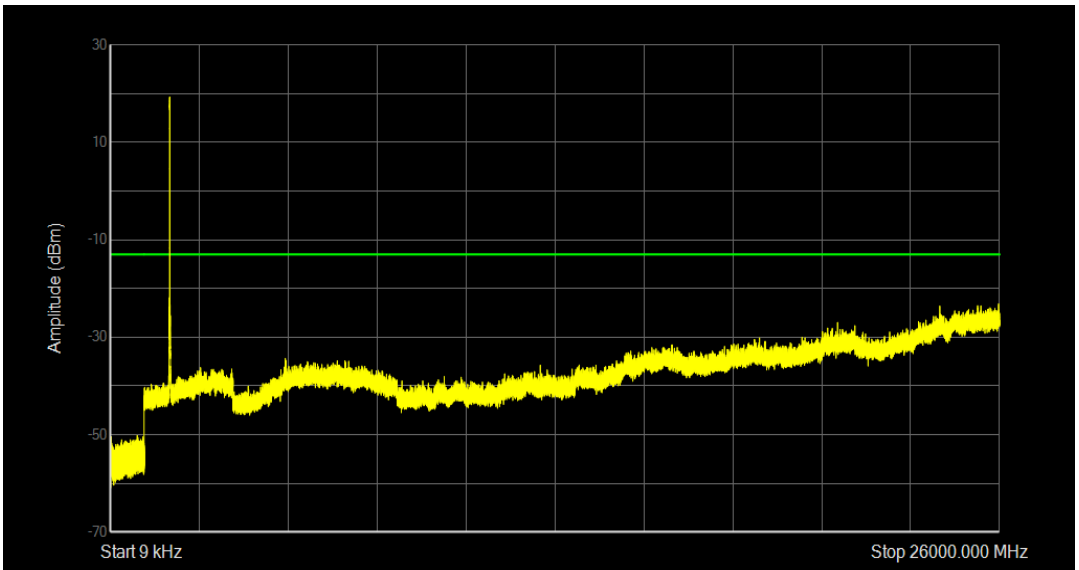
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.81	-13
2	0.15	30	10	6.14388	-39.25	-13
3	30	1000	100	800.88325	-49.07	-13
4	1000	26000	1000	25687.5	-22.53	-13

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



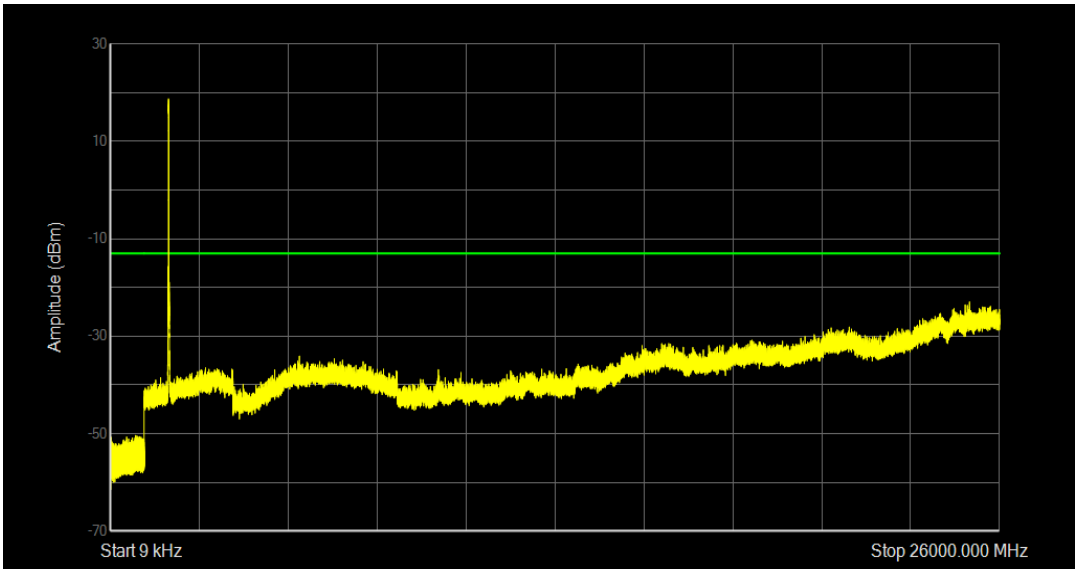
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009165675	-44.69	-13
2	0.15	30	10	6.11403	-39.93	-13
3	30	1000	100	740.04	-50.32	-13
4	1000	26000	1000	25538.125	-23.41	-13

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



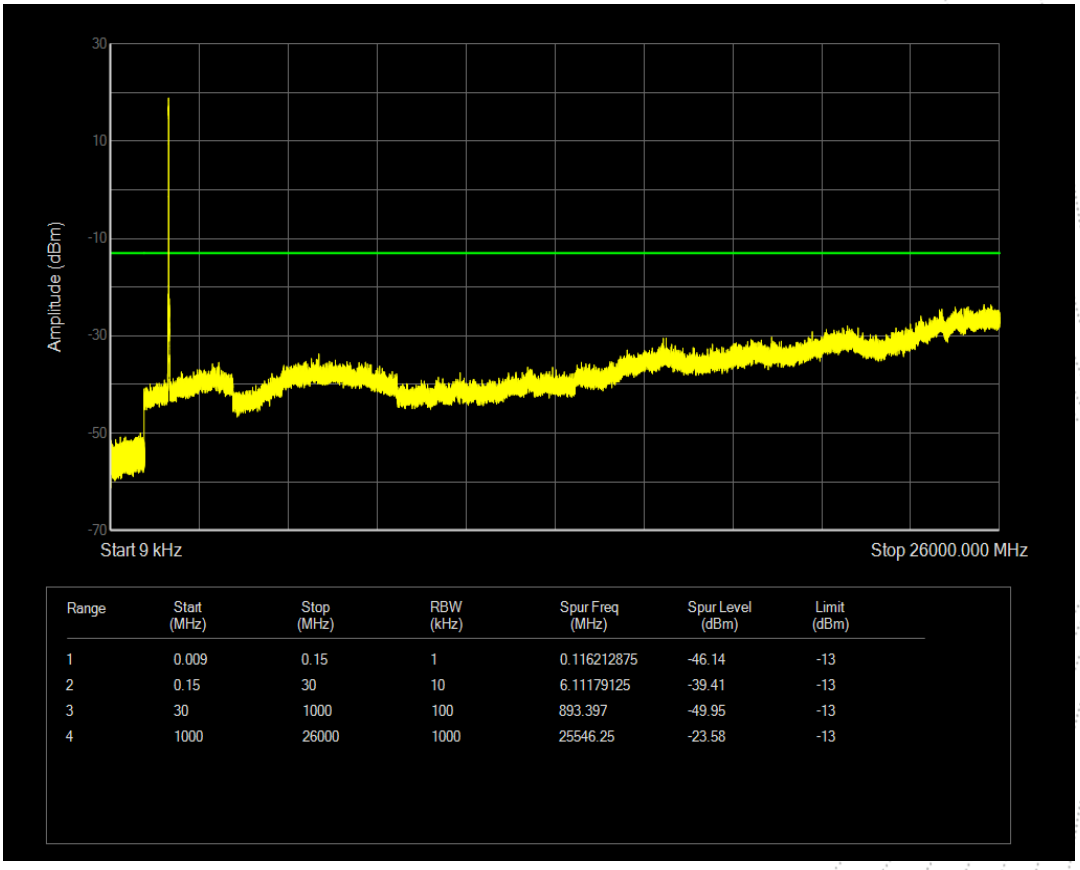
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009743775	-44.1	-13
2	0.15	30	10	6.10806	-40.3	-13
3	30	1000	100	800.665	-50.2	-13
4	1000	26000	1000	25971.25	-23.17	-13

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



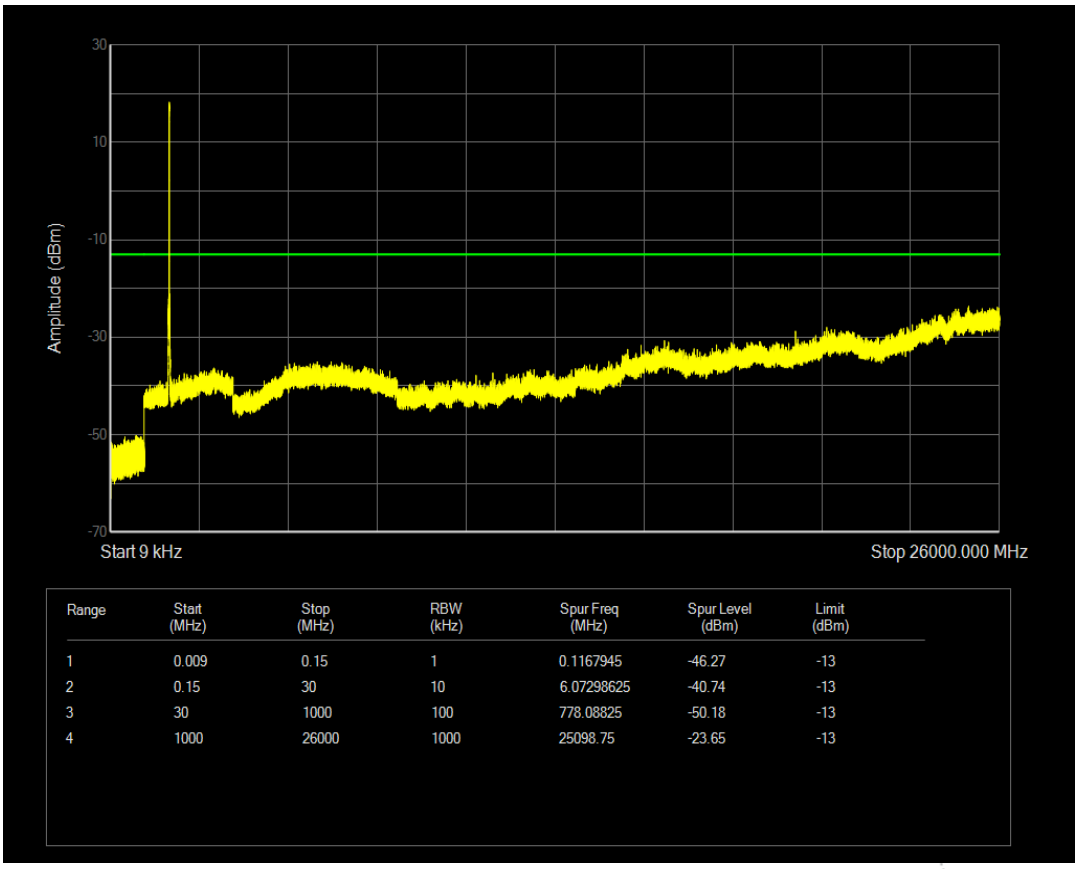
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009363075	-44.95	-13
2	0.15	30	10	6.1394025	-39.72	-13
3	30	1000	100	748.55175	-50.39	-13
4	1000	26000	1000	25121.25	-22.97	-13

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



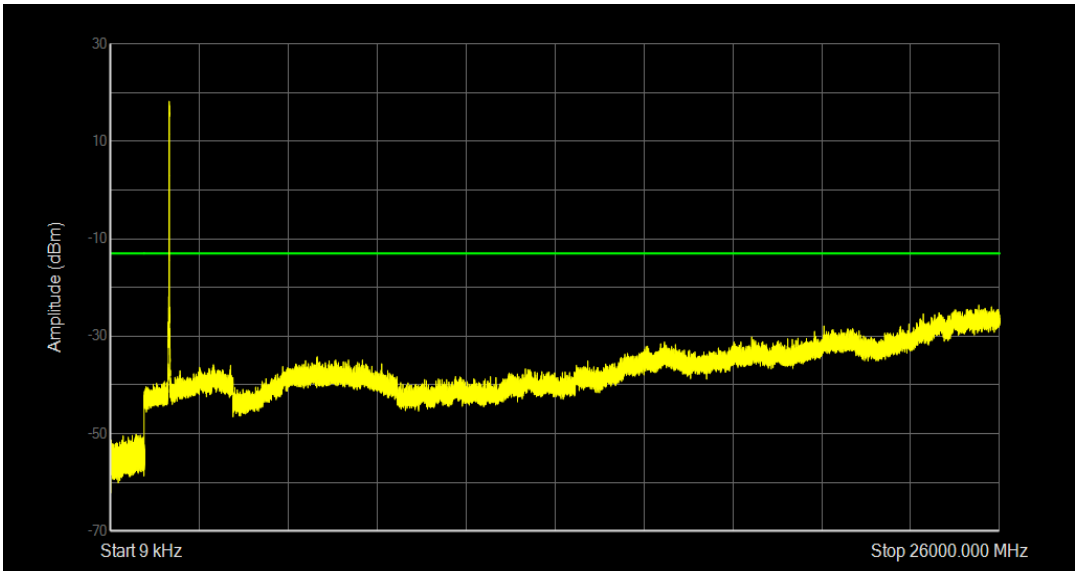
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.116212875	-46.14	-13
2	0.15	30	10	6.11179125	-39.41	-13
3	30	1000	100	893.397	-49.95	-13
4	1000	26000	1000	25546.25	-23.58	-13

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



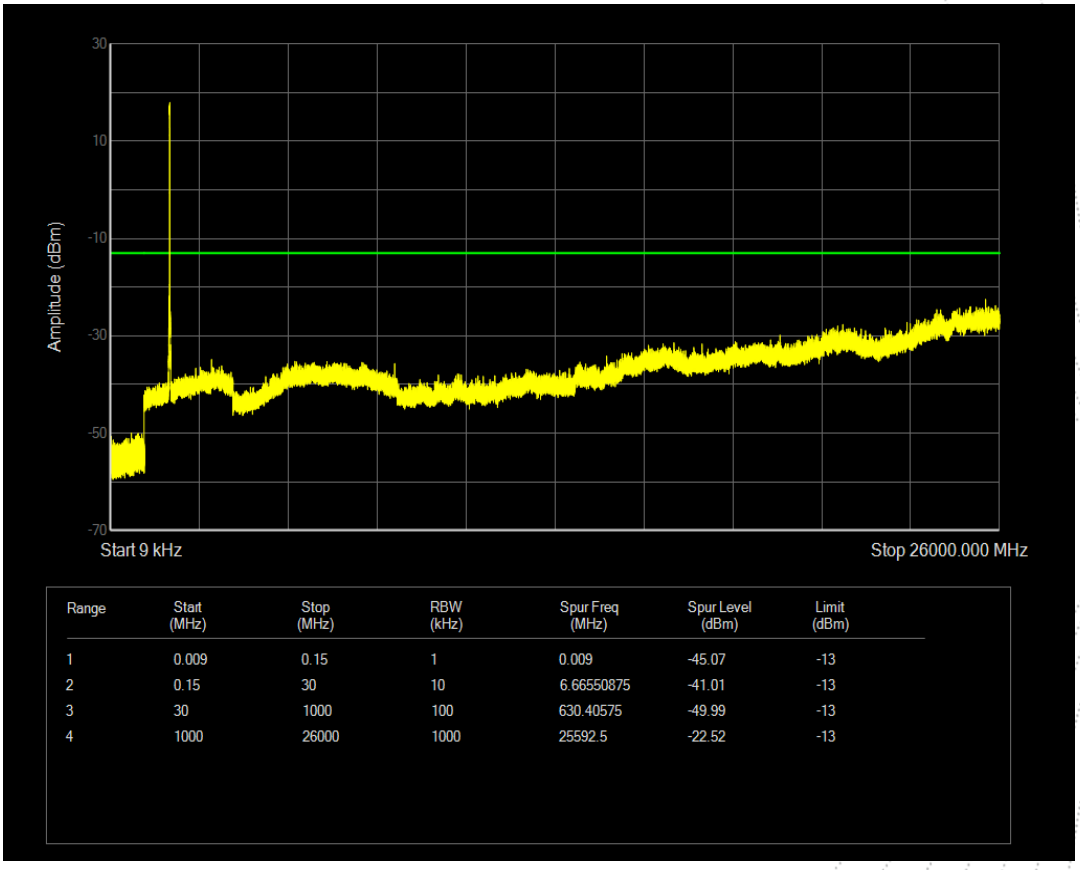
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1167945	-46.27	-13
2	0.15	30	10	6.07298625	-40.74	-13
3	30	1000	100	778.08825	-50.18	-13
4	1000	26000	1000	25098.75	-23.65	-13

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



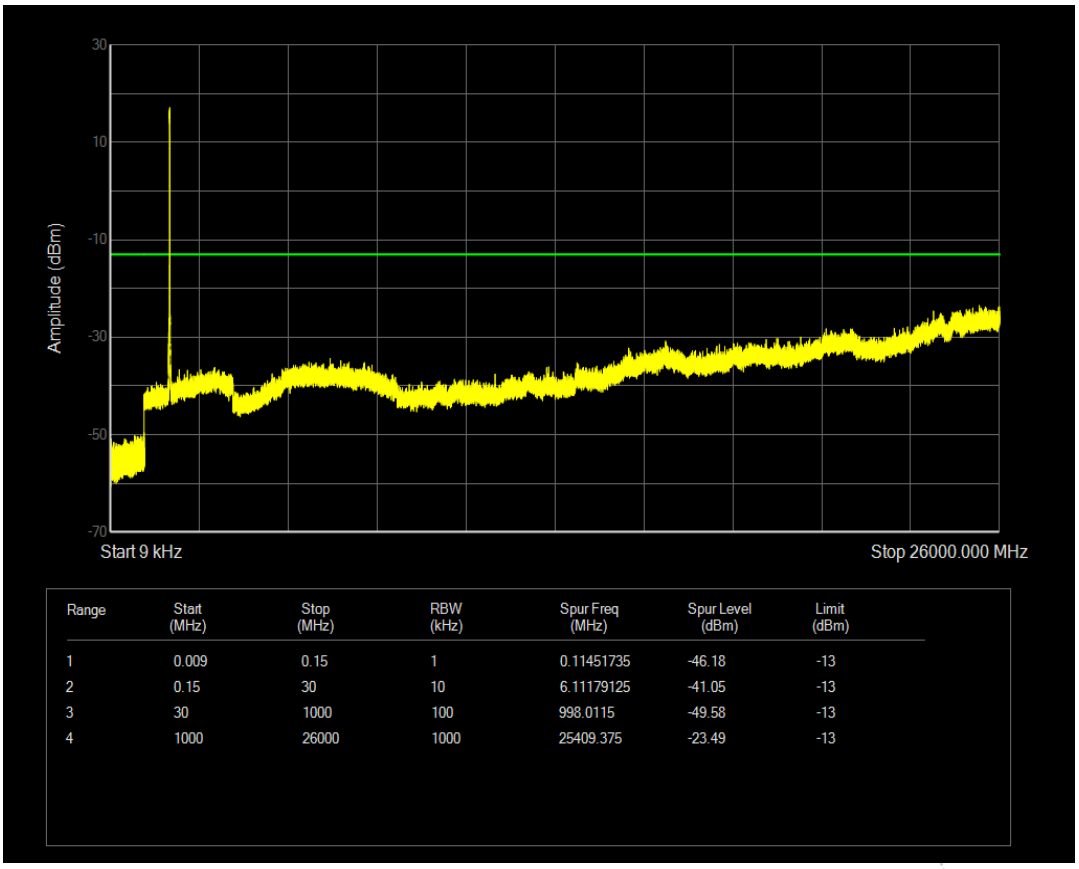
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45	-13
2	0.15	30	10	6.3931275	-41.05	-13
3	30	1000	100	765.28425	-50.15	-13
4	1000	26000	1000	25393.125	-23.64	-13

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



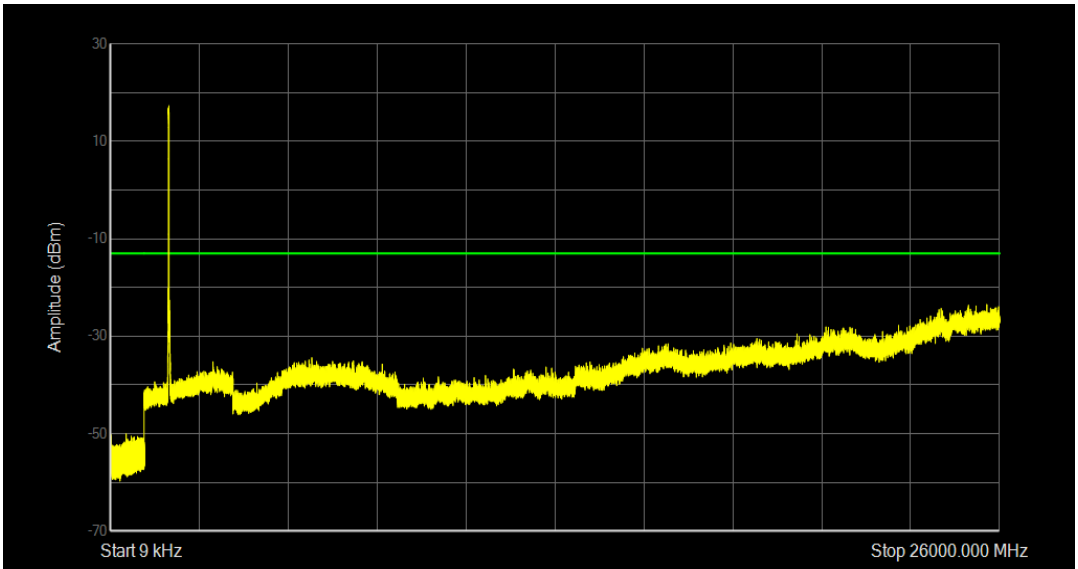
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.07	-13
2	0.15	30	10	6.66550875	-41.01	-13
3	30	1000	100	630.40575	-49.99	-13
4	1000	26000	1000	25592.5	-22.52	-13

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



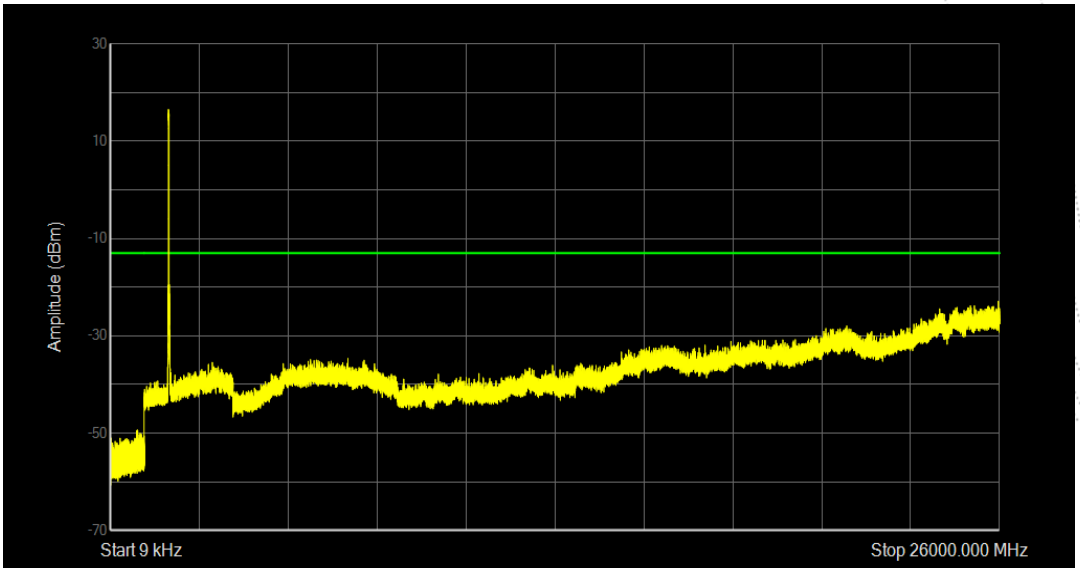
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11451735	-46.18	-13
2	0.15	30	10	6.11179125	-41.05	-13
3	30	1000	100	998.0115	-49.58	-13
4	1000	26000	1000	25409.375	-23.49	-13

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



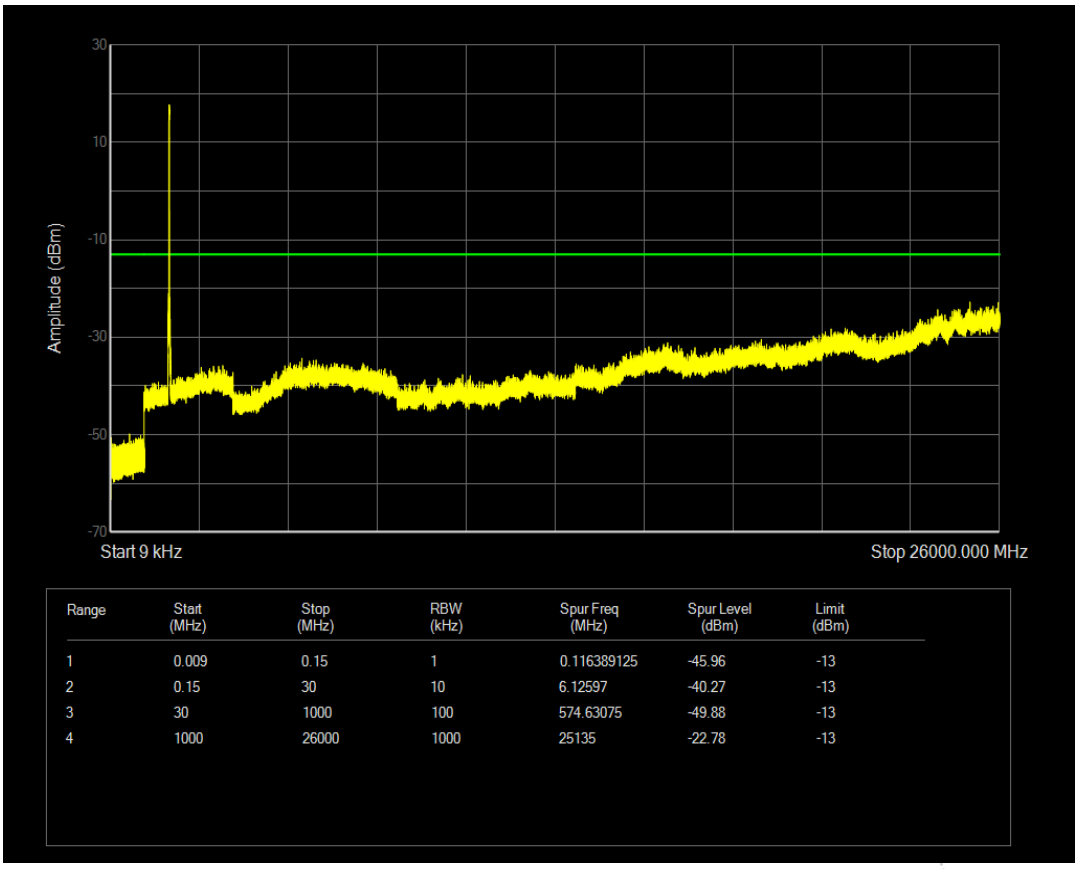
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091269	-45.87	-13
2	0.15	30	10	6.1185075	-39.98	-13
3	30	1000	100	474.91475	-50.05	-13
4	1000	26000	1000	25628.125	-23.49	-13

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



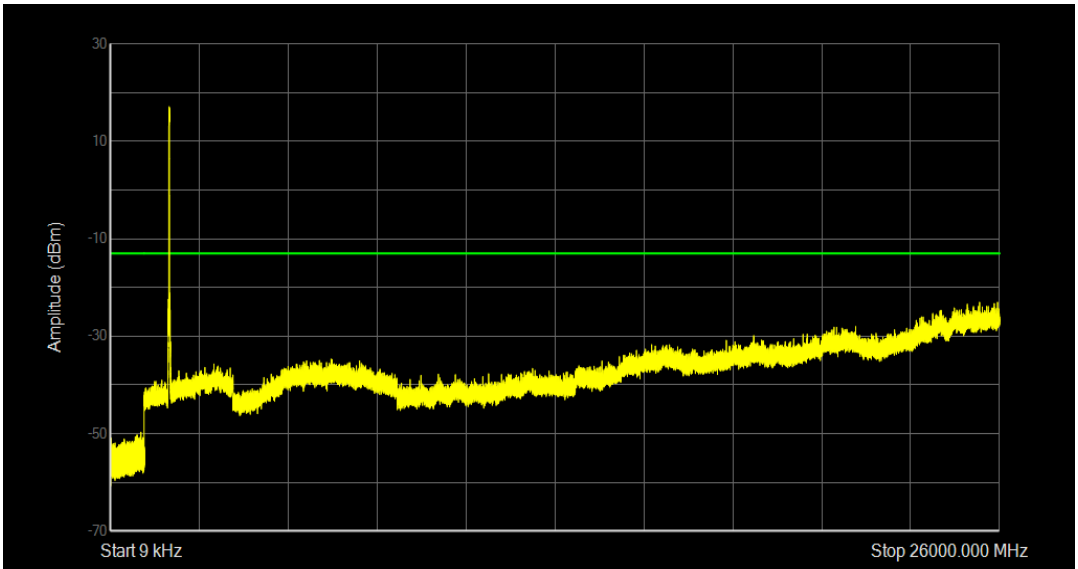
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.117178725	-45.85	-13
2	0.15	30	10	6.44909625	-40.02	-13
3	30	1000	100	812.37775	-49.4	-13
4	1000	26000	1000	25964.375	-22.89	-13

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



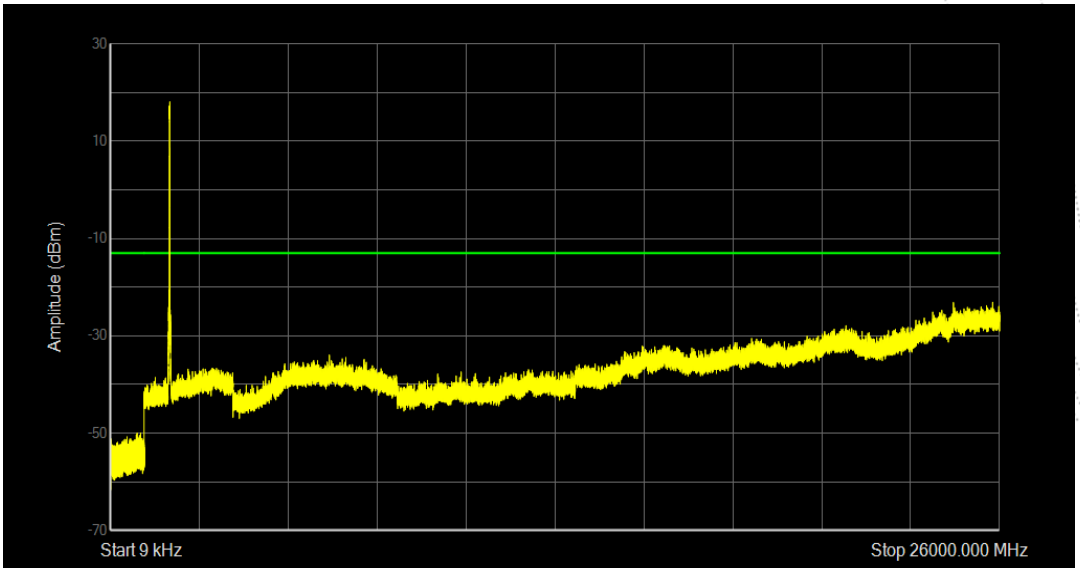
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.116389125	-45.96	-13
2	0.15	30	10	6.12597	-40.27	-13
3	30	1000	100	574.63075	-49.88	-13
4	1000	26000	1000	25135	-22.78	-13

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



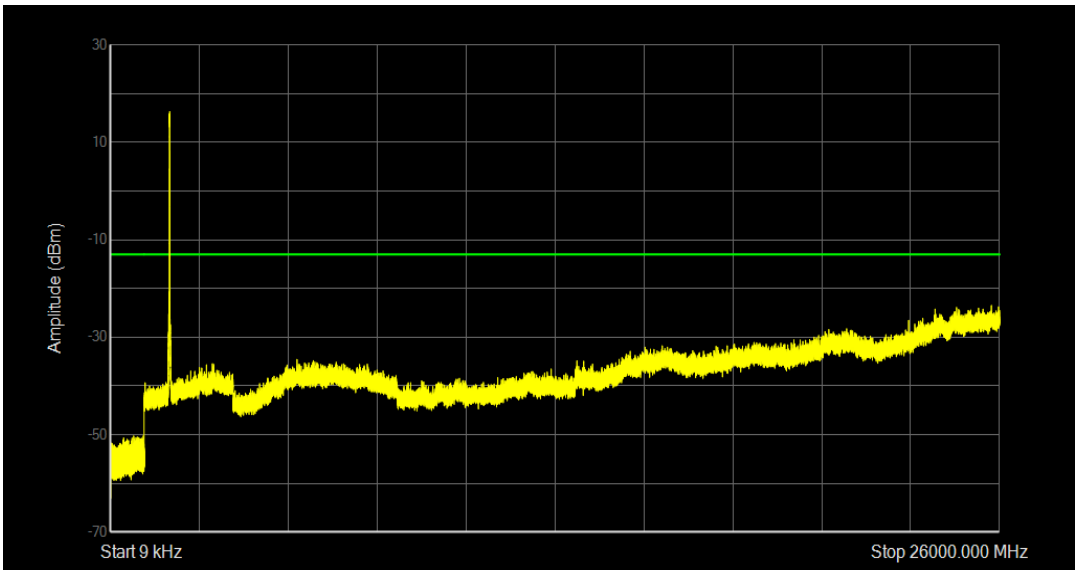
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009588675	-43.79	-13
2	0.15	30	10	6.46029	-40.44	-13
3	30	1000	100	907.0255	-49.71	-13
4	1000	26000	1000	25415	-23.03	-13

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	0.010907025	-46.04	-13
2	0.15	30	10	6.0588075	-41.09	-13
3	30	1000	100	798.99175	-49.99	-13
4	1000	26000	1000	25798.125	-23.1	-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	0.009	-44.99	-13
2	0.15	30	10	6.134925	-40.68	-13
3	30	1000	100	977.03525	-50.26	-13
4	1000	26000	1000	25761.25	-23.48	-13

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