

TEST REPORT

Report No.: BCTC2209694979-2E

Applicant: Telecell Mobile (H.K) Ltd.

Product Name: LTE Flip Phone

Model/Type
reference: T2

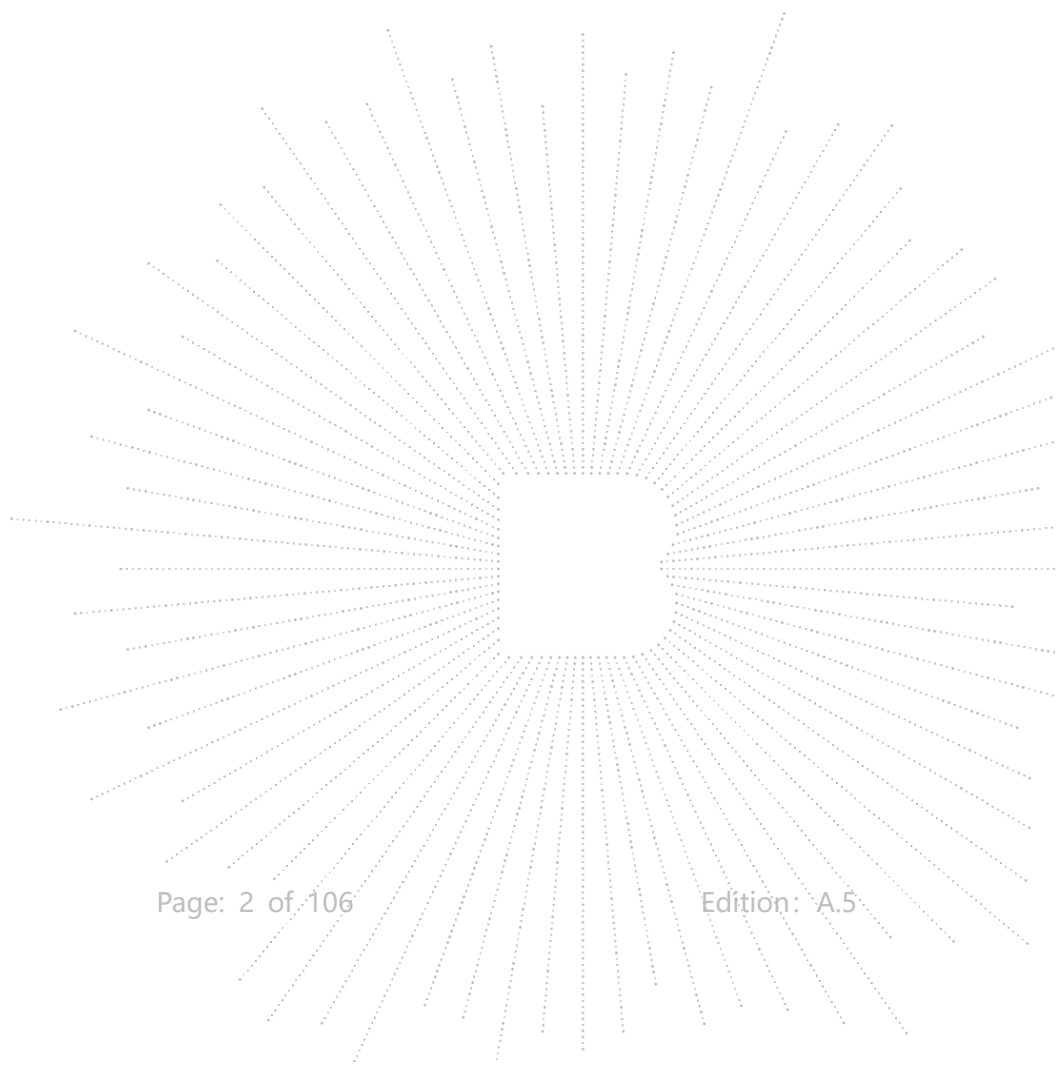
Tested Date: 2022-09-13 to 2022-09-15

Issued Date: 2022-09-15

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	22.31	1	23.31	PASS
Band4	1.4	19957	1	#Mid	QPSK	22.34	1	23.34	PASS
Band4	1.4	19957	1	#Max	QPSK	22.37	1	23.37	PASS
Band4	1.4	19957	3	#0	QPSK	22.25	1	23.25	PASS
Band4	1.4	19957	3	#Mid	QPSK	22.31	1	23.31	PASS
Band4	1.4	19957	3	#Max	QPSK	22.32	1	23.32	PASS
Band4	1.4	19957	6	#0	QPSK	21.29	1	22.29	PASS
Band4	1.4	19957	1	#0	QAM16	22.09	1	23.09	PASS
Band4	1.4	19957	1	#Mid	QAM16	22.11	1	23.11	PASS
Band4	1.4	19957	1	#Max	QAM16	22.15	1	23.15	PASS
Band4	1.4	19957	3	#0	QAM16	21.52	1	22.52	PASS
Band4	1.4	19957	3	#Mid	QAM16	21.52	1	22.52	PASS
Band4	1.4	19957	3	#Max	QAM16	21.51	1	22.51	PASS
Band4	1.4	19957	6	#0	QAM16	20.31	1	21.31	PASS
Band4	1.4	20175	1	#0	QPSK	22.10	1	23.10	PASS
Band4	1.4	20175	1	#Mid	QPSK	22.19	1	23.19	PASS
Band4	1.4	20175	1	#Max	QPSK	22.09	1	23.09	PASS
Band4	1.4	20175	3	#0	QPSK	22.14	1	23.14	PASS
Band4	1.4	20175	3	#Mid	QPSK	22.21	1	23.21	PASS
Band4	1.4	20175	3	#Max	QPSK	22.18	1	23.18	PASS
Band4	1.4	20175	6	#0	QPSK	21.14	1	22.14	PASS
Band4	1.4	20175	1	#0	QAM16	21.98	1	22.98	PASS
Band4	1.4	20175	1	#Mid	QAM16	22.07	1	23.07	PASS
Band4	1.4	20175	1	#Max	QAM16	21.96	1	22.96	PASS
Band4	1.4	20175	3	#0	QAM16	21.36	1	22.36	PASS
Band4	1.4	20175	3	#Mid	QAM16	21.35	1	22.35	PASS
Band4	1.4	20175	3	#Max	QAM16	21.41	1	22.41	PASS
Band4	1.4	20175	6	#0	QAM16	20.27	1	21.27	PASS
Band4	1.4	20393	1	#0	QPSK	22.59	1	23.59	PASS
Band4	1.4	20393	1	#Mid	QPSK	22.56	1	23.56	PASS
Band4	1.4	20393	1	#Max	QPSK	22.53	1	23.53	PASS
Band4	1.4	20393	3	#0	QPSK	22.27	1	23.27	PASS
Band4	1.4	20393	3	#Mid	QPSK	22.30	1	23.30	PASS
Band4	1.4	20393	3	#Max	QPSK	22.26	1	23.26	PASS
Band4	1.4	20393	6	#0	QPSK	21.35	1	22.35	PASS
Band4	1.4	20393	1	#0	QAM16	21.61	1	22.61	PASS
Band4	1.4	20393	1	#Mid	QAM16	21.56	1	22.56	PASS

Band4	1.4	20393	1	#Max	QAM16	21.66	1	22.66	PASS
Band4	1.4	20393	3	#0	QAM16	21.64	1	22.64	PASS
Band4	1.4	20393	3	#Mid	QAM16	21.60	1	22.60	PASS
Band4	1.4	20393	3	#Max	QAM16	21.56	1	22.56	PASS
Band4	1.4	20393	6	#0	QAM16	20.45	1	21.45	PASS
Band4	3	19965	1	#0	QPSK	22.07	1	23.07	PASS
Band4	3	19965	1	#Mid	QPSK	22.14	1	23.14	PASS
Band4	3	19965	1	#Max	QPSK	22.11	1	23.11	PASS
Band4	3	19965	8	#0	QPSK	21.27	1	22.27	PASS
Band4	3	19965	8	#Mid	QPSK	21.26	1	22.26	PASS
Band4	3	19965	8	#Max	QPSK	21.28	1	22.28	PASS
Band4	3	19965	15	#0	QPSK	21.25	1	22.25	PASS
Band4	3	19965	1	#0	QAM16	22.20	1	23.20	PASS
Band4	3	19965	1	#Mid	QAM16	22.28	1	23.28	PASS
Band4	3	19965	1	#Max	QAM16	22.35	1	23.35	PASS
Band4	3	19965	8	#0	QAM16	20.26	1	21.26	PASS
Band4	3	19965	8	#Mid	QAM16	20.31	1	21.31	PASS
Band4	3	19965	8	#Max	QAM16	20.25	1	21.25	PASS
Band4	3	19965	15	#0	QAM16	20.46	1	21.46	PASS
Band4	3	20175	1	#0	QPSK	22.09	1	23.09	PASS
Band4	3	20175	1	#Mid	QPSK	22.18	1	23.18	PASS
Band4	3	20175	1	#Max	QPSK	22.17	1	23.17	PASS
Band4	3	20175	8	#0	QPSK	21.20	1	22.20	PASS
Band4	3	20175	8	#Mid	QPSK	21.18	1	22.18	PASS
Band4	3	20175	8	#Max	QPSK	21.23	1	22.23	PASS
Band4	3	20175	15	#0	QPSK	21.22	1	22.22	PASS
Band4	3	20175	1	#0	QAM16	22.03	1	23.03	PASS
Band4	3	20175	1	#Mid	QAM16	21.99	1	22.99	PASS
Band4	3	20175	1	#Max	QAM16	22.03	1	23.03	PASS
Band4	3	20175	8	#0	QAM16	20.56	1	21.56	PASS
Band4	3	20175	8	#Mid	QAM16	20.56	1	21.56	PASS
Band4	3	20175	8	#Max	QAM16	20.58	1	21.58	PASS
Band4	3	20175	15	#0	QAM16	20.35	1	21.35	PASS
Band4	3	20385	1	#0	QPSK	22.55	1	23.55	PASS
Band4	3	20385	1	#Mid	QPSK	22.53	1	23.53	PASS
Band4	3	20385	1	#Max	QPSK	22.57	1	23.57	PASS
Band4	3	20385	8	#0	QPSK	21.35	1	22.35	PASS
Band4	3	20385	8	#Mid	QPSK	21.36	1	22.36	PASS
Band4	3	20385	8	#Max	QPSK	21.30	1	22.30	PASS
Band4	3	20385	15	#0	QPSK	21.35	1	22.35	PASS
Band4	3	20385	1	#0	QAM16	21.53	1	22.53	PASS
Band4	3	20385	1	#Mid	QAM16	21.58	1	22.58	PASS

Band4	3	20385	1	#Max	QAM16	21.56	1	22.56	PASS
Band4	3	20385	8	#0	QAM16	20.40	1	21.40	PASS
Band4	3	20385	8	#Mid	QAM16	20.38	1	21.38	PASS
Band4	3	20385	8	#Max	QAM16	20.42	1	21.42	PASS
Band4	3	20385	15	#0	QAM16	20.29	1	21.29	PASS
Band4	5	19975	1	#0	QPSK	22.20	1	23.20	PASS
Band4	5	19975	1	#Mid	QPSK	22.15	1	23.15	PASS
Band4	5	19975	1	#Max	QPSK	22.21	1	23.21	PASS
Band4	5	19975	12	#0	QPSK	21.31	1	22.31	PASS
Band4	5	19975	12	#Mid	QPSK	21.34	1	22.34	PASS
Band4	5	19975	12	#Max	QPSK	21.31	1	22.31	PASS
Band4	5	19975	25	#0	QPSK	21.24	1	22.24	PASS
Band4	5	19975	1	#0	QAM16	21.53	1	22.53	PASS
Band4	5	19975	1	#Mid	QAM16	21.53	1	22.53	PASS
Band4	5	19975	1	#Max	QAM16	21.55	1	22.55	PASS
Band4	5	19975	12	#0	QAM16	20.31	1	21.31	PASS
Band4	5	19975	12	#Mid	QAM16	20.27	1	21.27	PASS
Band4	5	19975	12	#Max	QAM16	20.30	1	21.30	PASS
Band4	5	19975	25	#0	QAM16	20.42	1	21.42	PASS
Band4	5	20175	1	#0	QPSK	22.21	1	23.21	PASS
Band4	5	20175	1	#Mid	QPSK	22.23	1	23.23	PASS
Band4	5	20175	1	#Max	QPSK	22.22	1	23.22	PASS
Band4	5	20175	12	#0	QPSK	21.18	1	22.18	PASS
Band4	5	20175	12	#Mid	QPSK	21.19	1	22.19	PASS
Band4	5	20175	12	#Max	QPSK	21.17	1	22.17	PASS
Band4	5	20175	25	#0	QPSK	21.21	1	22.21	PASS
Band4	5	20175	1	#0	QAM16	20.97	1	21.97	PASS
Band4	5	20175	1	#Mid	QAM16	20.96	1	21.96	PASS
Band4	5	20175	1	#Max	QAM16	21.05	1	22.05	PASS
Band4	5	20175	12	#0	QAM16	20.16	1	21.16	PASS
Band4	5	20175	12	#Mid	QAM16	20.18	1	21.18	PASS
Band4	5	20175	12	#Max	QAM16	20.16	1	21.16	PASS
Band4	5	20175	25	#0	QAM16	20.36	1	21.36	PASS
Band4	5	20375	1	#0	QPSK	22.23	1	23.23	PASS
Band4	5	20375	1	#Mid	QPSK	22.19	1	23.19	PASS
Band4	5	20375	1	#Max	QPSK	22.21	1	23.21	PASS
Band4	5	20375	12	#0	QPSK	21.27	1	22.27	PASS
Band4	5	20375	12	#Mid	QPSK	21.33	1	22.33	PASS
Band4	5	20375	12	#Max	QPSK	21.23	1	22.23	PASS
Band4	5	20375	25	#0	QPSK	21.34	1	22.34	PASS
Band4	5	20375	1	#0	QAM16	21.27	1	22.27	PASS
Band4	5	20375	1	#Mid	QAM16	21.32	1	22.32	PASS

Band4	5	20375	1	#Max	QAM16	21.30	1	22.30	PASS
Band4	5	20375	12	#0	QAM16	20.39	1	21.39	PASS
Band4	5	20375	12	#Mid	QAM16	20.40	1	21.40	PASS
Band4	5	20375	12	#Max	QAM16	20.38	1	21.38	PASS
Band4	5	20375	25	#0	QAM16	20.32	1	21.32	PASS
Band4	10	20000	1	#0	QPSK	22.10	1	23.10	PASS
Band4	10	20000	1	#Mid	QPSK	22.12	1	23.12	PASS
Band4	10	20000	1	#Max	QPSK	22.17	1	23.17	PASS
Band4	10	20000	25	#0	QPSK	21.31	1	22.31	PASS
Band4	10	20000	25	#Mid	QPSK	21.17	1	22.17	PASS
Band4	10	20000	25	#Max	QPSK	21.22	1	22.22	PASS
Band4	10	20000	50	#0	QPSK	21.23	1	22.23	PASS
Band4	10	20000	1	#0	QAM16	22.23	1	23.23	PASS
Band4	10	20000	1	#Mid	QAM16	22.40	1	23.40	PASS
Band4	10	20000	1	#Max	QAM16	22.45	1	23.45	PASS
Band4	10	20000	25	#0	QAM16	20.29	1	21.29	PASS
Band4	10	20000	25	#Mid	QAM16	20.27	1	21.27	PASS
Band4	10	20000	25	#Max	QAM16	20.25	1	21.25	PASS
Band4	10	20175	1	#0	QPSK	22.04	1	23.04	PASS
Band4	10	20175	1	#Mid	QPSK	22.17	1	23.17	PASS
Band4	10	20175	1	#Max	QPSK	22.19	1	23.19	PASS
Band4	10	20175	25	#0	QPSK	21.16	1	22.16	PASS
Band4	10	20175	25	#Mid	QPSK	21.25	1	22.25	PASS
Band4	10	20175	25	#Max	QPSK	21.16	1	22.16	PASS
Band4	10	20175	50	#0	QPSK	21.29	1	22.29	PASS
Band4	10	20175	1	#0	QAM16	21.94	1	22.94	PASS
Band4	10	20175	1	#Mid	QAM16	22.01	1	23.01	PASS
Band4	10	20175	1	#Max	QAM16	22.00	1	23.00	PASS
Band4	10	20175	25	#0	QAM16	20.37	1	21.37	PASS
Band4	10	20175	25	#Mid	QAM16	20.42	1	21.42	PASS
Band4	10	20175	25	#Max	QAM16	20.35	1	21.35	PASS
Band4	10	20350	1	#0	QPSK	22.38	1	23.38	PASS
Band4	10	20350	1	#Mid	QPSK	22.43	1	23.43	PASS
Band4	10	20350	1	#Max	QPSK	22.41	1	23.41	PASS
Band4	10	20350	25	#0	QPSK	21.31	1	22.31	PASS
Band4	10	20350	25	#Mid	QPSK	21.33	1	22.33	PASS
Band4	10	20350	25	#Max	QPSK	21.27	1	22.27	PASS
Band4	10	20350	50	#0	QPSK	21.40	1	22.40	PASS
Band4	10	20350	1	#0	QAM16	21.91	1	22.91	PASS
Band4	10	20350	1	#Mid	QAM16	21.83	1	22.83	PASS
Band4	10	20350	1	#Max	QAM16	21.94	1	22.94	PASS
Band4	10	20350	25	#0	QAM16	20.42	1	21.42	PASS

Band4	10	20350	25	#Mid	QAM16	20.46	1	21.46	PASS
Band4	10	20350	25	#Max	QAM16	20.38	1	21.38	PASS
Band4	15	20025	1	#0	QPSK	22.14	1	23.14	PASS
Band4	15	20025	1	#Mid	QPSK	22.11	1	23.11	PASS
Band4	15	20025	1	#Max	QPSK	22.10	1	23.10	PASS
Band4	15	20025	36	#0	QPSK	21.25	1	22.25	PASS
Band4	15	20025	36	#Mid	QPSK	21.12	1	22.12	PASS
Band4	15	20025	36	#Max	QPSK	21.09	1	22.09	PASS
Band4	15	20025	75	#0	QPSK	21.15	1	22.15	PASS
Band4	15	20025	1	#0	QAM16	22.23	1	23.23	PASS
Band4	15	20025	1	#Mid	QAM16	22.38	1	23.38	PASS
Band4	15	20025	1	#Max	QAM16	22.42	1	23.42	PASS
Band4	15	20025	36	#0	QAM16	20.29	1	21.29	PASS
Band4	15	20025	36	#Mid	QAM16	20.34	1	21.34	PASS
Band4	15	20025	36	#Max	QAM16	20.30	1	21.30	PASS
Band4	15	20175	1	#0	QPSK	22.11	1	23.11	PASS
Band4	15	20175	1	#Mid	QPSK	22.16	1	23.16	PASS
Band4	15	20175	1	#Max	QPSK	22.20	1	23.20	PASS
Band4	15	20175	36	#0	QPSK	21.17	1	22.17	PASS
Band4	15	20175	36	#Mid	QPSK	21.12	1	22.12	PASS
Band4	15	20175	36	#Max	QPSK	21.22	1	22.22	PASS
Band4	15	20175	75	#0	QPSK	21.15	1	22.15	PASS
Band4	15	20175	1	#0	QAM16	21.94	1	22.94	PASS
Band4	15	20175	1	#Mid	QAM16	21.99	1	22.99	PASS
Band4	15	20175	1	#Max	QAM16	21.94	1	22.94	PASS
Band4	15	20175	36	#0	QAM16	20.38	1	21.38	PASS
Band4	15	20175	36	#Mid	QAM16	20.44	1	21.44	PASS
Band4	15	20175	36	#Max	QAM16	20.45	1	21.45	PASS
Band4	15	20325	1	#0	QPSK	22.24	1	23.24	PASS
Band4	15	20325	1	#Mid	QPSK	22.22	1	23.22	PASS
Band4	15	20325	1	#Max	QPSK	22.26	1	23.26	PASS
Band4	15	20325	36	#0	QPSK	21.25	1	22.25	PASS
Band4	15	20325	36	#Mid	QPSK	21.21	1	22.21	PASS
Band4	15	20325	36	#Max	QPSK	21.23	1	22.23	PASS
Band4	15	20325	75	#0	QPSK	21.15	1	22.15	PASS
Band4	15	20325	1	#0	QAM16	22.24	1	23.24	PASS
Band4	15	20325	1	#Mid	QAM16	22.03	1	23.03	PASS
Band4	15	20325	1	#Max	QAM16	22.09	1	23.09	PASS
Band4	15	20325	36	#0	QAM16	20.30	1	21.30	PASS
Band4	15	20325	36	#Mid	QAM16	20.29	1	21.29	PASS
Band4	15	20325	36	#Max	QAM16	20.30	1	21.30	PASS
Band4	20	20050	1	#0	QPSK	22.36	1	23.36	PASS

Band4	20	20050	1	#Mid	QPSK	22.24	1	23.24	PASS
Band4	20	20050	1	#Max	QPSK	22.19	1	23.19	PASS
Band4	20	20050	50	#0	QPSK	21.26	1	22.26	PASS
Band4	20	20050	50	#Mid	QPSK	21.22	1	22.22	PASS
Band4	20	20050	50	#Max	QPSK	21.21	1	22.21	PASS
Band4	20	20050	100	#0	QPSK	21.16	1	22.16	PASS
Band4	20	20050	1	#0	QAM16	21.06	1	22.06	PASS
Band4	20	20050	1	#Mid	QAM16	20.95	1	21.95	PASS
Band4	20	20050	1	#Max	QAM16	20.94	1	21.94	PASS
Band4	20	20050	50	#0	QAM16	20.37	1	21.37	PASS
Band4	20	20050	50	#Mid	QAM16	20.42	1	21.42	PASS
Band4	20	20050	50	#Max	QAM16	20.37	1	21.37	PASS
Band4	20	20175	1	#0	QPSK	22.13	1	23.13	PASS
Band4	20	20175	1	#Mid	QPSK	22.28	1	23.28	PASS
Band4	20	20175	1	#Max	QPSK	22.26	1	23.26	PASS
Band4	20	20175	50	#0	QPSK	21.15	1	22.15	PASS
Band4	20	20175	50	#Mid	QPSK	21.23	1	22.23	PASS
Band4	20	20175	50	#Max	QPSK	21.24	1	22.24	PASS
Band4	20	20175	100	#0	QPSK	21.27	1	22.27	PASS
Band4	20	20175	1	#0	QAM16	21.49	1	22.49	PASS
Band4	20	20175	1	#Mid	QAM16	21.44	1	22.44	PASS
Band4	20	20175	1	#Max	QAM16	21.60	1	22.60	PASS
Band4	20	20175	50	#0	QAM16	20.26	1	21.26	PASS
Band4	20	20175	50	#Mid	QAM16	20.38	1	21.38	PASS
Band4	20	20175	50	#Max	QAM16	20.36	1	21.36	PASS
Band4	20	20300	1	#0	QPSK	22.32	1	23.32	PASS
Band4	20	20300	1	#Mid	QPSK	22.29	1	23.29	PASS
Band4	20	20300	1	#Max	QPSK	22.34	1	23.34	PASS
Band4	20	20300	50	#0	QPSK	21.23	1	22.23	PASS
Band4	20	20300	50	#Mid	QPSK	21.35	1	22.35	PASS
Band4	20	20300	50	#Max	QPSK	21.38	1	22.38	PASS
Band4	20	20300	100	#0	QPSK	21.25	1	22.25	PASS
Band4	20	20300	1	#0	QAM16	21.58	1	22.58	PASS
Band4	20	20300	1	#Mid	QAM16	21.48	1	22.48	PASS
Band4	20	20300	1	#Max	QAM16	21.48	1	22.48	PASS
Band4	20	20300	50	#0	QAM16	20.36	1	21.36	PASS
Band4	20	20300	50	#Mid	QAM16	20.38	1	21.38	PASS
Band4	20	20300	50	#Max	QAM16	20.48	1	21.48	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
Band 4	1.4	19957	6	#0	QPSK	LV	NT	21.80	0.013	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	QPSK	NV	NT	-5.38	-0.003	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	QPSK	HV	NT	-11.32	-0.007	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	QAM16	LV	NT	-22.19	-0.013	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	QAM16	NV	NT	-18.21	-0.011	-2.5	2.5	PASS
Band 4	1.4	19957	6	#0	QAM16	HV	NT	-20.17	-0.012	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	QPSK	LV	NT	-13.16	-0.008	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	QPSK	NV	NT	-38.11	-0.022	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	QPSK	HV	NT	-29.20	-0.017	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	QAM16	LV	NT	-20.16	-0.012	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	QAM16	NV	NT	-13.03	-0.008	-2.5	2.5	PASS
Band 4	1.4	20175	6	#0	QAM16	HV	NT	-35.15	-0.020	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	QPSK	LV	NT	-16.98	-0.010	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	QPSK	NV	NT	-0.31	0.000	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	QPSK	HV	NT	-37.57	-0.021	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	QAM16	LV	NT	-45.60	-0.026	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	QAM16	NV	NT	-27.67	-0.016	-2.5	2.5	PASS
Band 4	1.4	20393	6	#0	QAM16	HV	NT	-21.24	-0.012	-2.5	2.5	PASS

Band 4	5	19975	25	#0	QPSK	LV	NT	10.17	0.006	-2.5	2.5	PASS
Band 4	5	19975	25	#0	QPSK	NV	NT	-12.9 7	-0.00 8	-2.5	2.5	PASS
Band 4	5	19975	25	#0	QPSK	HV	NT	-19.6 3	-0.011	-2.5	2.5	PASS
Band 4	5	19975	25	#0	QAM16	LV	NT	-23.6 7	-0.01 4	-2.5	2.5	PASS
Band 4	5	19975	25	#0	QAM16	NV	NT	-28.9 1	-0.01 7	-2.5	2.5	PASS
Band 4	5	19975	25	#0	QAM16	HV	NT	-30.0 4	-0.01 8	-2.5	2.5	PASS
Band 4	5	20175	25	#0	QPSK	LV	NT	-31.4 1	-0.01 8	-2.5	2.5	PASS
Band 4	5	20175	25	#0	QPSK	NV	NT	-9.20	-0.00 5	-2.5	2.5	PASS
Band 4	5	20175	25	#0	QPSK	HV	NT	-25.7 6	-0.01 5	-2.5	2.5	PASS
Band 4	5	20175	25	#0	QAM16	LV	NT	-9.48	-0.00 5	-2.5	2.5	PASS
Band 4	5	20175	25	#0	QAM16	NV	NT	-30.7 7	-0.01 8	-2.5	2.5	PASS
Band 4	5	20175	25	#0	QAM16	HV	NT	-18.4 4	-0.011	-2.5	2.5	PASS
Band 4	5	20375	25	#0	QPSK	LV	NT	-9.07	-0.00 5	-2.5	2.5	PASS
Band 4	5	20375	25	#0	QPSK	NV	NT	-33.4 5	-0.01 9	-2.5	2.5	PASS
Band 4	5	20375	25	#0	QPSK	HV	NT	-9.10	-0.00 5	-2.5	2.5	PASS
Band 4	5	20375	25	#0	QAM16	LV	NT	-11.90	-0.00 7	-2.5	2.5	PASS
Band 4	5	20375	25	#0	QAM16	NV	NT	-28.1 7	-0.01 6	-2.5	2.5	PASS
Band 4	5	20375	25	#0	QAM16	HV	NT	-29.0 5	-0.01 7	-2.5	2.5	PASS
Band 4	10	20000	50	#0	QPSK	LV	NT	34.72	0.020	-2.5	2.5	PASS
Band 4	10	20000	50	#0	QPSK	NV	NT	15.41	0.009	-2.5	2.5	PASS
Band 4	10	20000	50	#0	QPSK	HV	NT	-22.8 3	-0.01 3	-2.5	2.5	PASS
Band	10	20175	50	#0	QPSK	LV	NT	-37.3	-0.02	-2.5	2.5	PASS

4								4	2			
Band 4	10	20175	50	#0	QPSK	NV	NT	-25.79	-0.015	-2.5	2.5	PASS
Band 4	10	20175	50	#0	QPSK	HV	NT	-22.39	-0.013	-2.5	2.5	PASS
Band 4	10	20350	50	#0	QPSK	LV	NT	-31.86	-0.018	-2.5	2.5	PASS
Band 4	10	20350	50	#0	QPSK	NV	NT	-20.30	-0.012	-2.5	2.5	PASS
Band 4	10	20350	50	#0	QPSK	HV	NT	-21.07	-0.012	-2.5	2.5	PASS
Band 4	20	20050	100	#0	QPSK	LV	NT	18.53	0.011	-2.5	2.5	PASS
Band 4	20	20050	100	#0	QPSK	NV	NT	-18.83	-0.011	-2.5	2.5	PASS
Band 4	20	20050	100	#0	QPSK	HV	NT	-26.52	-0.015	-2.5	2.5	PASS
Band 4	20	20175	100	#0	QPSK	LV	NT	-37.67	-0.022	-2.5	2.5	PASS
Band 4	20	20175	100	#0	QPSK	NV	NT	-26.35	-0.015	-2.5	2.5	PASS
Band 4	20	20175	100	#0	QPSK	HV	NT	-13.02	-0.008	-2.5	2.5	PASS
Band 4	20	20300	100	#0	QPSK	LV	NT	-17.19	-0.010	-2.5	2.5	PASS
Band 4	20	20300	100	#0	QPSK	NV	NT	-18.10	-0.010	-2.5	2.5	PASS
Band 4	20	20300	100	#0	QPSK	HV	NT	-15.89	-0.009	-2.5	2.5	PASS
Band 4	10	20000	50	#0	QPSK	LV	NT	-11.827	-0.007	-2.5	2.5	PASS
Band 4	10	20000	50	#0	QPSK	NV	NT	-22.17	-0.013	-2.5	2.5	PASS
Band 4	10	20000	50	#0	QPSK	HV	NT	-26.06	-0.015	-2.5	2.5	PASS
Band 4	10	20175	50	#0	QPSK	LV	NT	-16.11	-0.009	-2.5	2.5	PASS
Band 4	10	20175	50	#0	QPSK	NV	NT	-25.79	-0.015	-2.5	2.5	PASS
Band 4	10	20175	50	#0	QPSK	HV	NT	-25.85	-0.015	-2.5	2.5	PASS
Band 4	10	20350	50	#0	QPSK	LV	NT	-23.23	-0.013	-2.5	2.5	PASS

Band 4	10	20350	50	#0	QPSK	NV	NT	-21.3 4	-0.01 2	-2.5	2.5	PASS
Band 4	10	20350	50	#0	QPSK	HV	NT	-24.1 9	-0.01 4	-2.5	2.5	PASS
Band 4	15	20025	75	#0	QPSK	LV	NT	-32.5 2	-0.01 9	-2.5	2.5	PASS
Band 4	15	20025	75	#0	QPSK	NV	NT	-28.5 1	-0.01 7	-2.5	2.5	PASS
Band 4	15	20025	75	#0	QPSK	HV	NT	-37.3 8	-0.02 2	-2.5	2.5	PASS
Band 4	15	20175	75	#0	QPSK	LV	NT	-22.3 3	-0.01 3	-2.5	2.5	PASS
Band 4	15	20175	75	#0	QPSK	NV	NT	-29.8 0	-0.01 7	-2.5	2.5	PASS
Band 4	15	20175	75	#0	QPSK	HV	NT	-20.11 2	-0.01 2	-2.5	2.5	PASS
Band 4	15	20325	75	#0	QPSK	LV	NT	-18.3 1	-0.01 0	-2.5	2.5	PASS
Band 4	15	20325	75	#0	QPSK	NV	NT	-25.9 8	-0.01 5	-2.5	2.5	PASS
Band 4	15	20325	75	#0	QPSK	HV	NT	-27.5 9	-0.01 6	-2.5	2.5	PASS
Band 4	20	20050	100	#0	QPSK	LV	NT	30.28	0.018	-2.5	2.5	PASS
Band 4	20	20050	100	#0	QPSK	NV	NT	-21.1 3	-0.01 2	-2.5	2.5	PASS
Band 4	20	20050	100	#0	QPSK	HV	NT	-25.9 6	-0.01 5	-2.5	2.5	PASS
Band 4	20	20175	100	#0	QPSK	LV	NT	-24.6 0	-0.01 4	-2.5	2.5	PASS
Band 4	20	20175	100	#0	QPSK	NV	NT	-31.7 4	-0.01 8	-2.5	2.5	PASS
Band 4	20	20175	100	#0	QPSK	HV	NT	-23.2 6	-0.01 3	-2.5	2.5	PASS
Band 4	20	20300	100	#0	QPSK	LV	NT	-23.8 3	-0.01 4	-2.5	2.5	PASS
Band 4	20	20300	100	#0	QPSK	NV	NT	-28.1 7	-0.01 6	-2.5	2.5	PASS
Band 4	20	20300	100	#0	QPSK	HV	NT	-33.3 6	-0.01 9	-2.5	2.5	PASS

Band4	1.4	19957	6	#0	QPSK	NV	-30	-5.95	-0.003	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-20	-14.42	-0.008	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	NV	0	-22.85	-0.013	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	NV	10	-35.38	-0.021	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QPSK	NV	20	-24.69	-0.014	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QAM16	NV	-30	-17.48	-0.010	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QAM16	NV	-20	-17.19	-0.010	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QAM16	NV	0	-31.90	-0.019	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QAM16	NV	10	-36.02	-0.021	-2.5	2.5	PASS
Band4	1.4	19957	6	#0	QAM16	NV	20	-23.86	-0.014	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-30	-17.14	-0.010	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-20	-6.07	-0.004	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	0	-35.76	-0.021	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	10	-20.80	-0.012	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QPSK	NV	20	-20.21	-0.012	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QAM16	NV	-30	-23.88	-0.014	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QAM16	NV	-20	-20.81	-0.012	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QAM16	NV	0	-0.27	0.000	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QAM16	NV	10	-29.47	-0.017	-2.5	2.5	PASS
Band4	1.4	20175	6	#0	QAM16	NV	20	-28.38	-0.016	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-30	-36.41	-0.021	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-20	-26.11	-0.015	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	0	-21.67	-0.012	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	10	-19.31	-0.011	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QPSK	NV	20	-10.16	-0.006	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QAM16	NV	-30	-37.45	-0.021	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QAM16	NV	-20	-29.83	-0.017	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QAM16	NV	0	-23.63	-0.013	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QAM16	NV	10	-37.52	-0.021	-2.5	2.5	PASS
Band4	1.4	20393	6	#0	QAM16	NV	20	-8.68	-0.005	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	-30	25.92	0.015	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	-20	9.63	0.006	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	0	-22.09	-0.013	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	10	-22.56	-0.013	-2.5	2.5	PASS
Band4	5	19975	25	#0	QPSK	NV	20	-21.80	-0.013	-2.5	2.5	PASS
Band4	5	19975	25	#0	QAM16	NV	-30	-19.64	-0.011	-2.5	2.5	PASS
Band4	5	19975	25	#0	QAM16	NV	-20	-15.25	-0.009	-2.5	2.5	PASS
Band4	5	19975	25	#0	QAM16	NV	0	-19.60	-0.011	-2.5	2.5	PASS
Band4	5	19975	25	#0	QAM16	NV	10	-35.92	-0.021	-2.5	2.5	PASS
Band4	5	19975	25	#0	QAM16	NV	20	-33.72	-0.020	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	NV	-30	-20.14	-0.012	-2.5	2.5	PASS

Band4	5	20175	25	#0	QPSK	NV	-20	-27.47	-0.016	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	NV	0	-22.49	-0.013	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	NV	10	-27.57	-0.016	-2.5	2.5	PASS
Band4	5	20175	25	#0	QPSK	NV	20	-19.48	-0.011	-2.5	2.5	PASS
Band4	5	20175	25	#0	QAM16	NV	-30	-26.51	-0.015	-2.5	2.5	PASS
Band4	5	20175	25	#0	QAM16	NV	-20	-41.61	-0.024	-2.5	2.5	PASS
Band4	5	20175	25	#0	QAM16	NV	0	-17.97	-0.010	-2.5	2.5	PASS
Band4	5	20175	25	#0	QAM16	NV	10	-27.35	-0.016	-2.5	2.5	PASS
Band4	5	20175	25	#0	QAM16	NV	20	-36.94	-0.021	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	-30	-15.89	-0.009	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	-20	-34.38	-0.020	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	0	-7.91	-0.005	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	10	-31.13	-0.018	-2.5	2.5	PASS
Band4	5	20375	25	#0	QPSK	NV	20	-3.96	-0.002	-2.5	2.5	PASS
Band4	5	20375	25	#0	QAM16	NV	-30	-30.23	-0.017	-2.5	2.5	PASS
Band4	5	20375	25	#0	QAM16	NV	-20	-8.71	-0.005	-2.5	2.5	PASS
Band4	5	20375	25	#0	QAM16	NV	0	-23.30	-0.013	-2.5	2.5	PASS
Band4	5	20375	25	#0	QAM16	NV	10	-35.65	-0.020	-2.5	2.5	PASS
Band4	5	20375	25	#0	QAM16	NV	20	-16.99	-0.010	-2.5	2.5	PASS
Band4	10	20000	50	#0	QAM16	NV	-30	13.52	0.008	-2.5	2.5	PASS
Band4	10	20000	50	#0	QAM16	NV	-20	5.48	0.003	-2.5	2.5	PASS
Band4	10	20000	50	#0	QAM16	NV	0	-23.78	-0.014	-2.5	2.5	PASS
Band4	10	20000	50	#0	QAM16	NV	10	-21.69	-0.013	-2.5	2.5	PASS
Band4	10	20000	50	#0	QAM16	NV	20	-21.03	-0.012	-2.5	2.5	PASS
Band4	10	20175	50	#0	QAM16	NV	-30	-15.19	-0.009	-2.5	2.5	PASS
Band4	10	20175	50	#0	QAM16	NV	-20	-25.49	-0.015	-2.5	2.5	PASS
Band4	10	20175	50	#0	QAM16	NV	0	-6.94	-0.004	-2.5	2.5	PASS
Band4	10	20175	50	#0	QAM16	NV	10	-26.54	-0.015	-2.5	2.5	PASS
Band4	10	20175	50	#0	QAM16	NV	20	-27.21	-0.016	-2.5	2.5	PASS
Band4	10	20350	50	#0	QAM16	NV	-30	-19.81	-0.011	-2.5	2.5	PASS
Band4	10	20350	50	#0	QAM16	NV	-20	-21.53	-0.012	-2.5	2.5	PASS
Band4	10	20350	50	#0	QAM16	NV	0	-33.36	-0.019	-2.5	2.5	PASS
Band4	10	20350	50	#0	QAM16	NV	10	-15.62	-0.009	-2.5	2.5	PASS
Band4	10	20350	50	#0	QAM16	NV	20	-33.99	-0.019	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-30	-0.13	0.000	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-20	-20.31	-0.012	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	0	-25.22	-0.015	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	10	-24.68	-0.014	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	20	-23.13	-0.013	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-30	-28.15	-0.016	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-20	-27.32	-0.016	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	0	-8.90	-0.005	-2.5	2.5	PASS

Band4	20	20175	100	#0	QAM16	NV	10	-23.33	-0.013	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	20	-21.49	-0.012	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-30	-9.00	-0.005	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-20	-32.57	-0.019	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	0	-27.87	-0.016	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	10	-18.60	-0.011	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	20	-17.71	-0.010	-2.5	2.5	PASS
Band4	10	20000	50	#0	QAM16	NV	-30	29.15	0.017	-2.5	2.5	PASS
Band4	10	20000	50	#0	QAM16	NV	-20	-6.77	-0.004	-2.5	2.5	PASS
Band4	10	20000	50	#0	QAM16	NV	0	-2.32	-0.001	-2.5	2.5	PASS
Band4	10	20000	50	#0	QAM16	NV	10	-19.48	-0.011	-2.5	2.5	PASS
Band4	10	20000	50	#0	QAM16	NV	20	-18.77	-0.011	-2.5	2.5	PASS
Band4	10	20175	50	#0	QAM16	NV	-30	-36.62	-0.021	-2.5	2.5	PASS
Band4	10	20175	50	#0	QAM16	NV	-20	-20.40	-0.012	-2.5	2.5	PASS
Band4	10	20175	50	#0	QAM16	NV	0	-35.51	-0.020	-2.5	2.5	PASS
Band4	10	20175	50	#0	QAM16	NV	10	-14.52	-0.008	-2.5	2.5	PASS
Band4	10	20175	50	#0	QAM16	NV	20	-16.45	-0.009	-2.5	2.5	PASS
Band4	10	20350	50	#0	QAM16	NV	-30	-17.24	-0.010	-2.5	2.5	PASS
Band4	10	20350	50	#0	QAM16	NV	-20	-14.46	-0.008	-2.5	2.5	PASS
Band4	10	20350	50	#0	QAM16	NV	0	-26.99	-0.015	-2.5	2.5	PASS
Band4	10	20350	50	#0	QAM16	NV	10	-12.59	-0.007	-2.5	2.5	PASS
Band4	10	20350	50	#0	QAM16	NV	20	-33.10	-0.019	-2.5	2.5	PASS
Band4	15	20025	75	#0	QAM16	NV	-30	0.92	0.001	-2.5	2.5	PASS
Band4	15	20025	75	#0	QAM16	NV	-20	-21.64	-0.013	-2.5	2.5	PASS
Band4	15	20025	75	#0	QAM16	NV	0	-26.74	-0.016	-2.5	2.5	PASS
Band4	15	20025	75	#0	QAM16	NV	10	-22.37	-0.013	-2.5	2.5	PASS
Band4	15	20025	75	#0	QAM16	NV	20	-27.67	-0.016	-2.5	2.5	PASS
Band4	15	20175	75	#0	QAM16	NV	-30	-18.71	-0.011	-2.5	2.5	PASS
Band4	15	20175	75	#0	QAM16	NV	-20	-18.38	-0.011	-2.5	2.5	PASS
Band4	15	20175	75	#0	QAM16	NV	0	-24.83	-0.014	-2.5	2.5	PASS
Band4	15	20175	75	#0	QAM16	NV	10	-29.15	-0.017	-2.5	2.5	PASS
Band4	15	20175	75	#0	QAM16	NV	20	-24.19	-0.014	-2.5	2.5	PASS
Band4	15	20325	75	#0	QAM16	NV	-30	-5.89	-0.003	-2.5	2.5	PASS
Band4	15	20325	75	#0	QAM16	NV	-20	-20.79	-0.012	-2.5	2.5	PASS
Band4	15	20325	75	#0	QAM16	NV	0	-33.53	-0.019	-2.5	2.5	PASS
Band4	15	20325	75	#0	QAM16	NV	10	-46.81	-0.027	-2.5	2.5	PASS
Band4	15	20325	75	#0	QAM16	NV	20	-18.63	-0.011	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-30	21.93	0.013	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-20	-0.54	0.000	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	0	-26.59	-0.015	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	10	-26.95	-0.016	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	20	-9.53	-0.006	-2.5	2.5	PASS

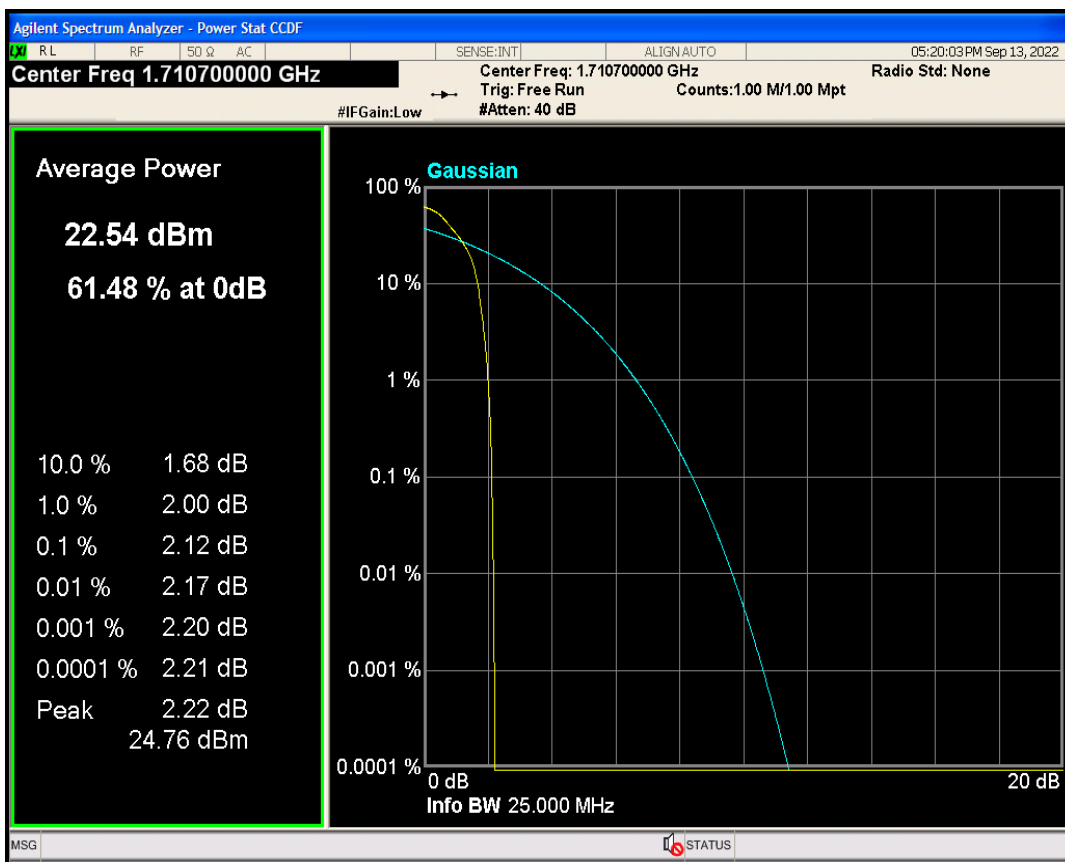
Band4	20	20175	100	#0	QAM16	NV	-30	-1.67	-0.001	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-20	-24.56	-0.014	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	0	-8.50	-0.005	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	10	-25.82	-0.015	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	20	-17.57	-0.010	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-30	-13.69	-0.008	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-20	-31.59	-0.018	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	0	0.31	0.000	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	10	-15.44	-0.009	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	20	-25.52	-0.015	-2.5	2.5	PASS

Appendix 3. Peak-to-Average Ratio

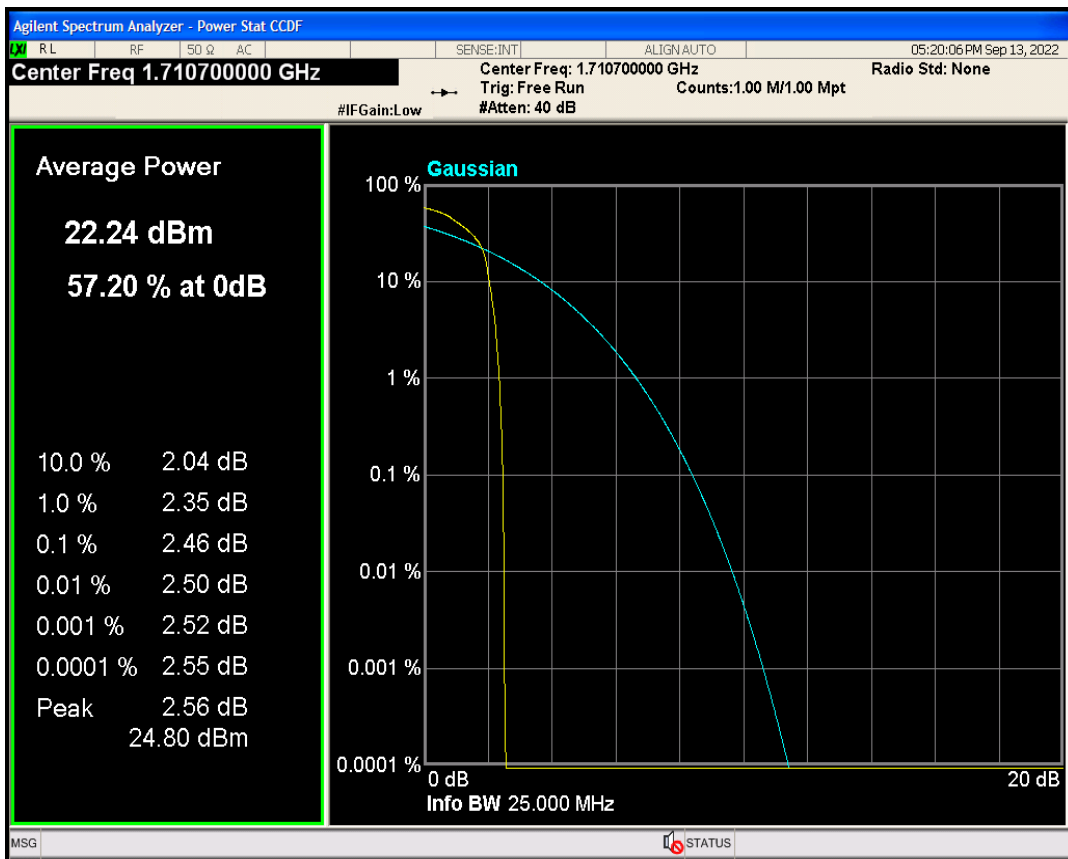
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	19957	1	#0	QPSK	2.12	13	PASS
Band4	1.4	19957	1	#0	QAM16	2.46	13	PASS
Band4	1.4	20175	1	#0	QPSK	4.64	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.66	13	PASS
Band4	1.4	20393	1	#0	QPSK	2.20	13	PASS
Band4	1.4	20393	1	#0	QAM16	3.25	13	PASS
Band4	3	19965	1	#0	QPSK	2.17	13	PASS
Band4	3	19965	1	#0	QAM16	2.98	13	PASS
Band4	3	20175	1	#0	QPSK	4.58	13	PASS
Band4	3	20175	1	#0	QAM16	5.09	13	PASS
Band4	3	20385	1	#0	QPSK	2.41	13	PASS
Band4	3	20385	1	#0	QAM16	3.36	13	PASS
Band4	5	19975	1	#0	QPSK	2.16	13	PASS
Band4	5	19975	1	#0	QAM16	3.33	13	PASS
Band4	5	20175	1	#0	QPSK	4.33	13	PASS
Band4	5	20175	1	#0	QAM16	5.13	13	PASS
Band4	5	20375	1	#0	QPSK	2.67	13	PASS
Band4	5	20375	1	#0	QAM16	3.61	13	PASS
Band4	10	20000	1	#0	QPSK	2.28	13	PASS
Band4	10	20000	1	#0	QAM16	3.08	13	PASS
Band4	10	20175	1	#0	QPSK	4.03	13	PASS
Band4	10	20175	1	#0	QAM16	5.02	13	PASS
Band4	10	20350	1	#0	QPSK	1.97	13	PASS
Band4	10	20350	1	#0	QAM16	3.17	13	PASS
Band4	15	20025	1	#0	QPSK	2.40	13	PASS
Band4	15	20025	1	#0	QAM16	3.22	13	PASS

Band4	15	20175	1	#0	QPSK	3.67	13	PASS
Band4	15	20175	1	#0	QAM16	4.56	13	PASS
Band4	15	20325	1	#0	QPSK	2.32	13	PASS
Band4	15	20325	1	#0	QAM16	3.04	13	PASS
Band4	20	20050	1	#0	QPSK	2.34	13	PASS
Band4	20	20050	1	#0	QAM16	3.19	13	PASS
Band4	20	20175	1	#0	QPSK	3.40	13	PASS
Band4	20	20175	1	#0	QAM16	4.46	13	PASS
Band4	20	20300	1	#0	QPSK	3.97	13	PASS
Band4	20	20300	1	#0	QAM16	4.87	13	PASS

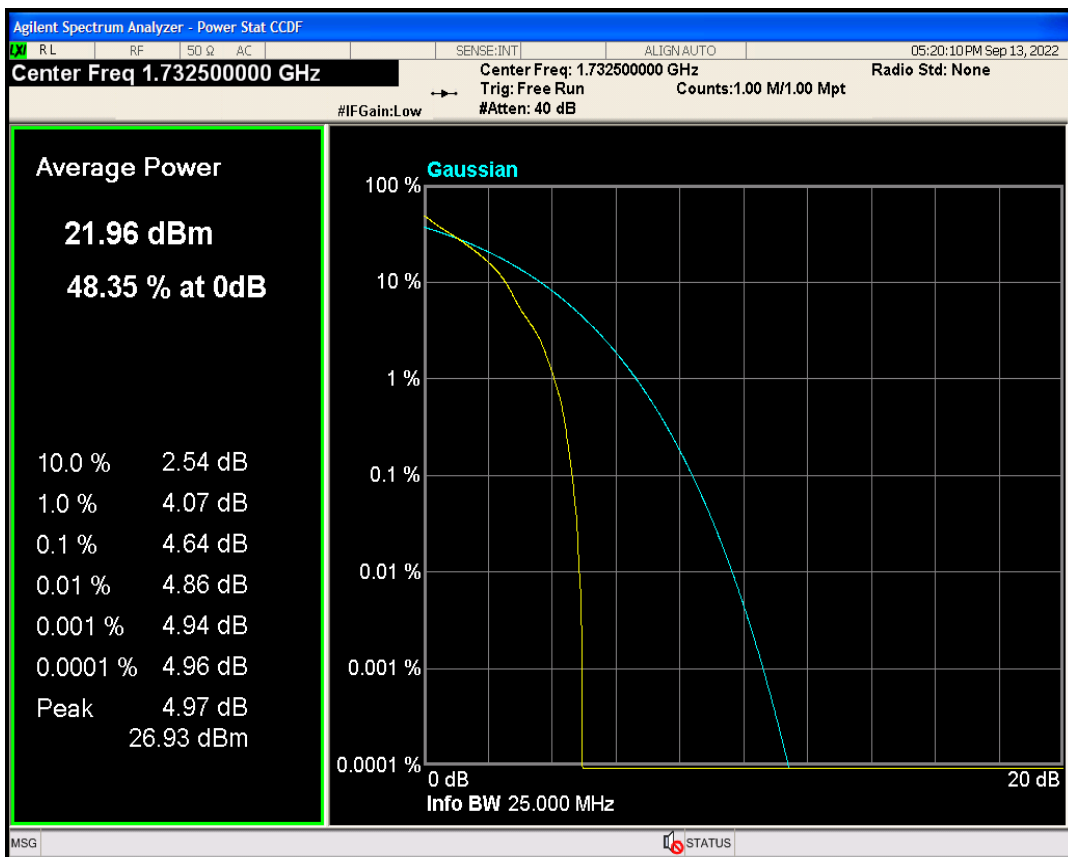
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



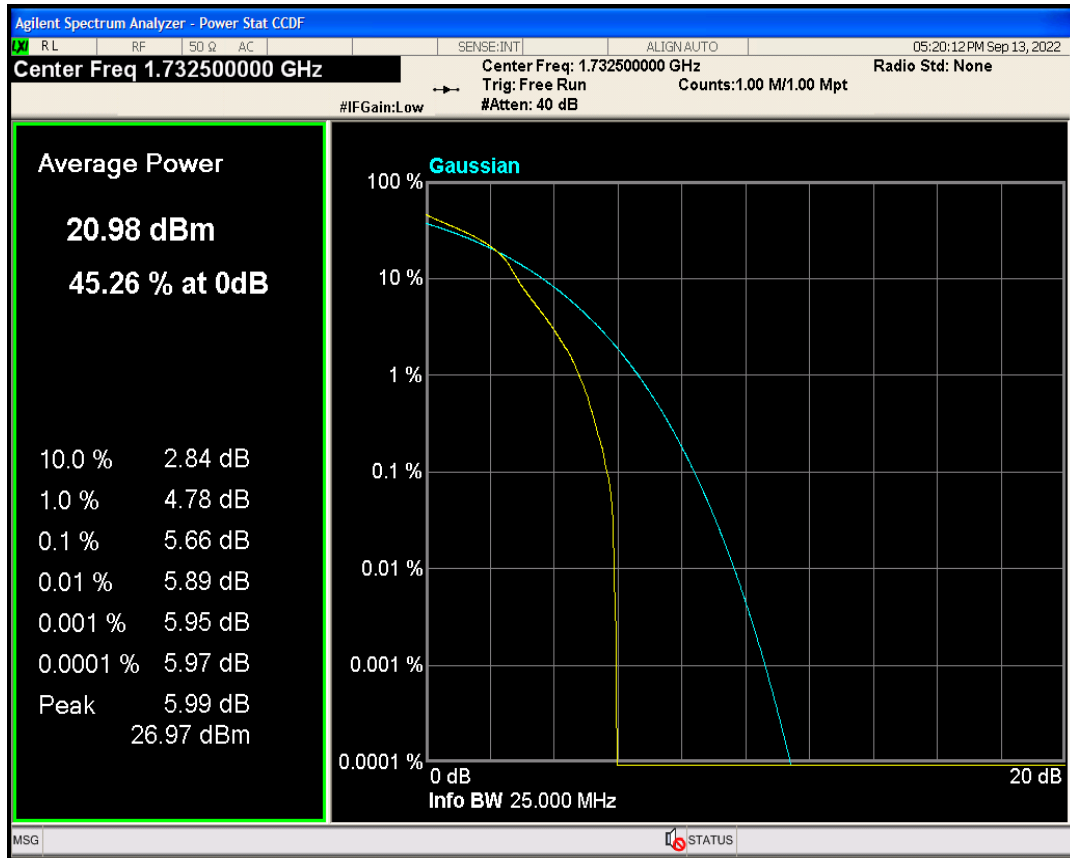
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=1 Position=#0



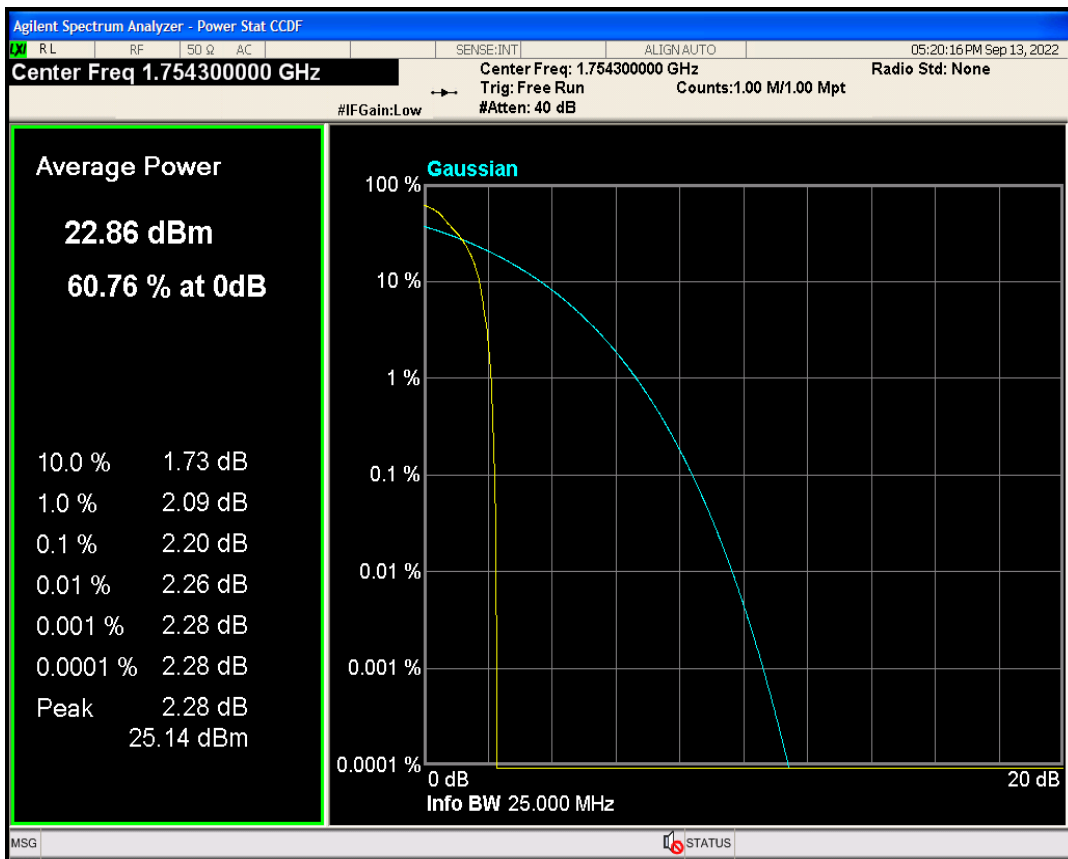
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



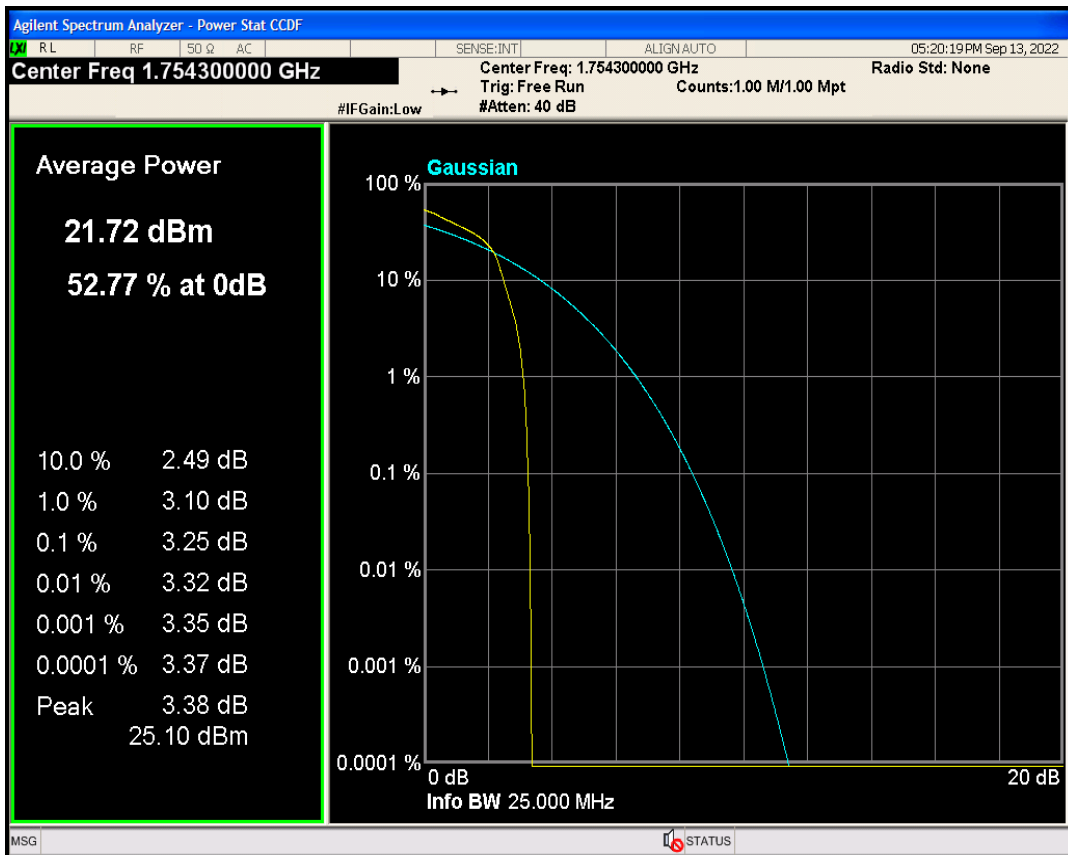
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0



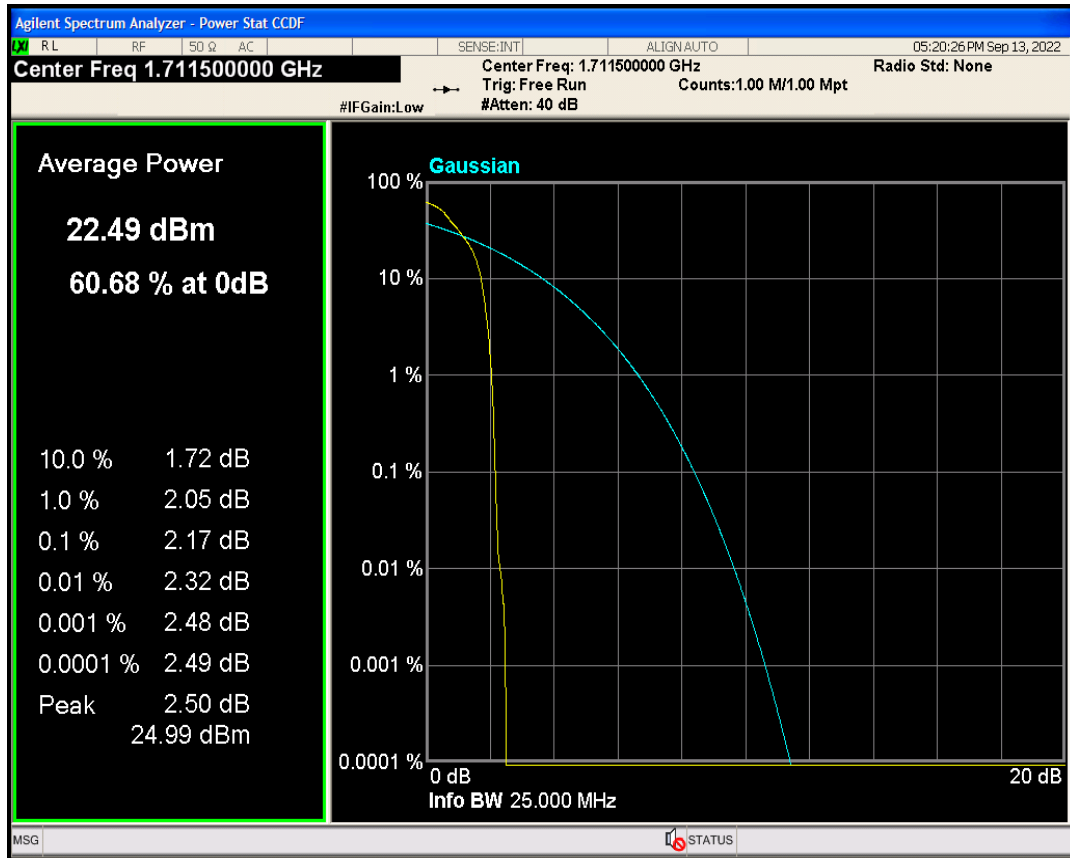
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



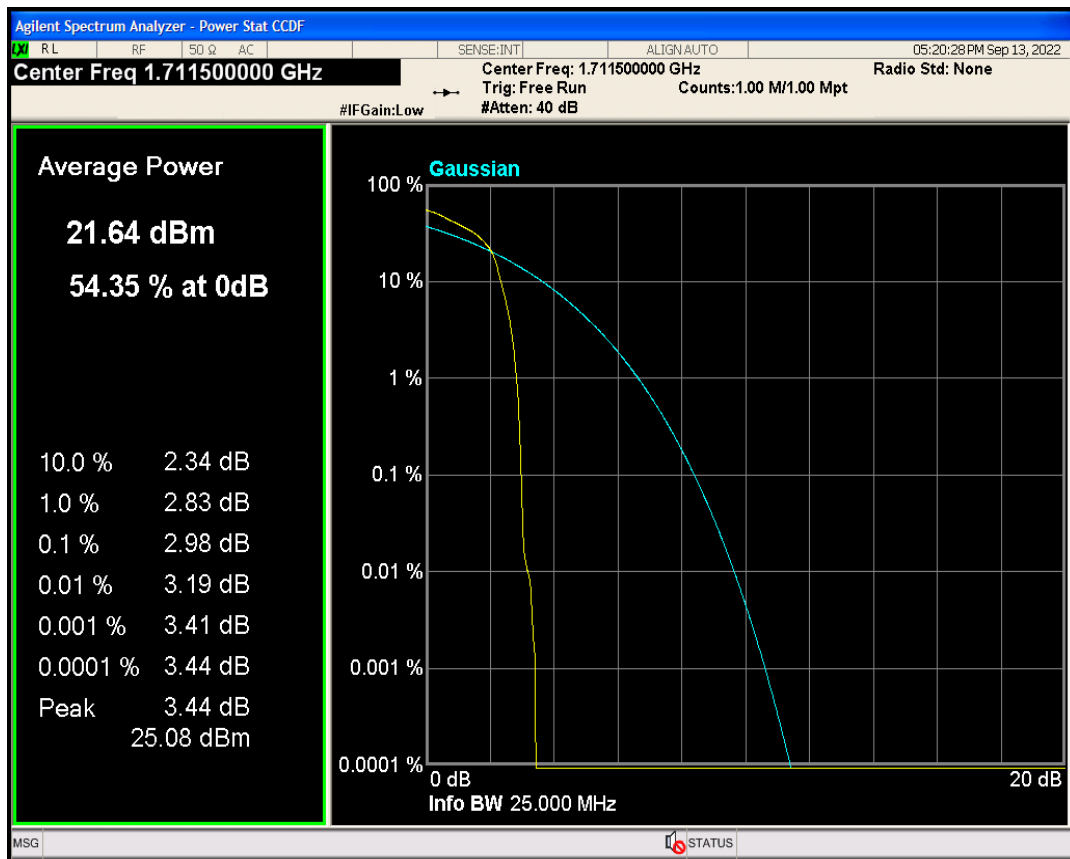
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=1 Position=#0



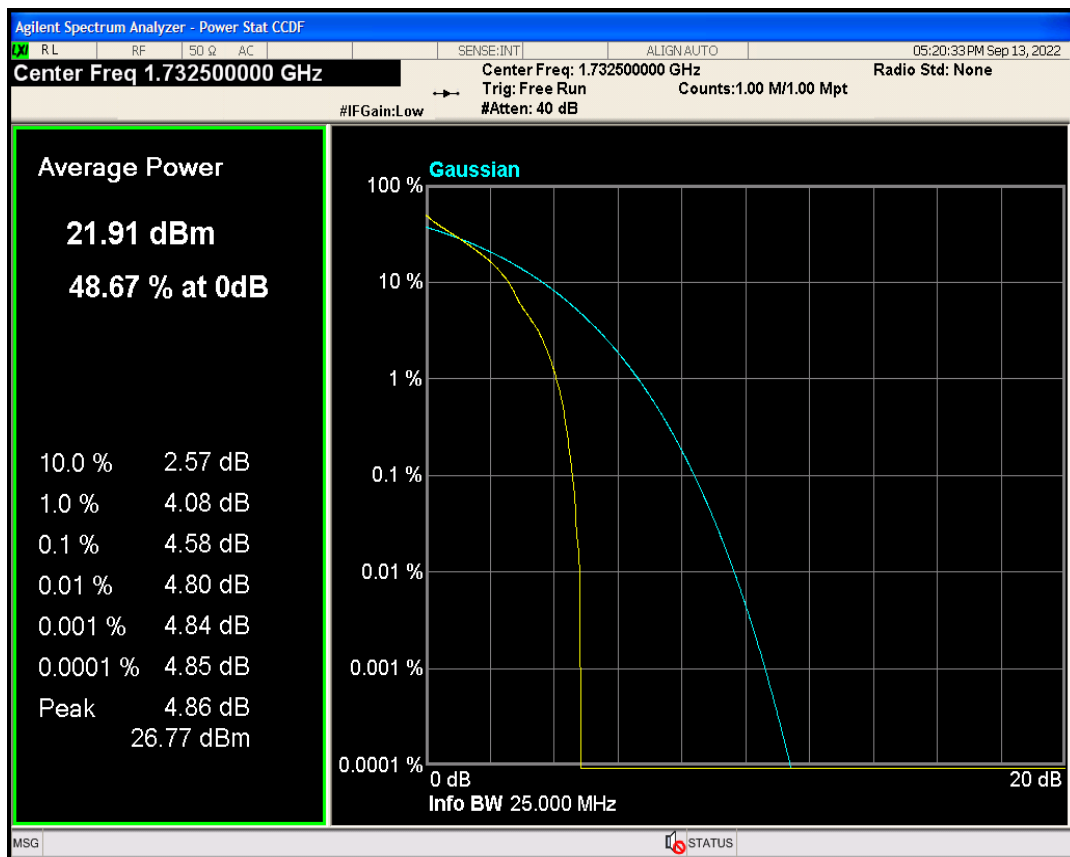
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



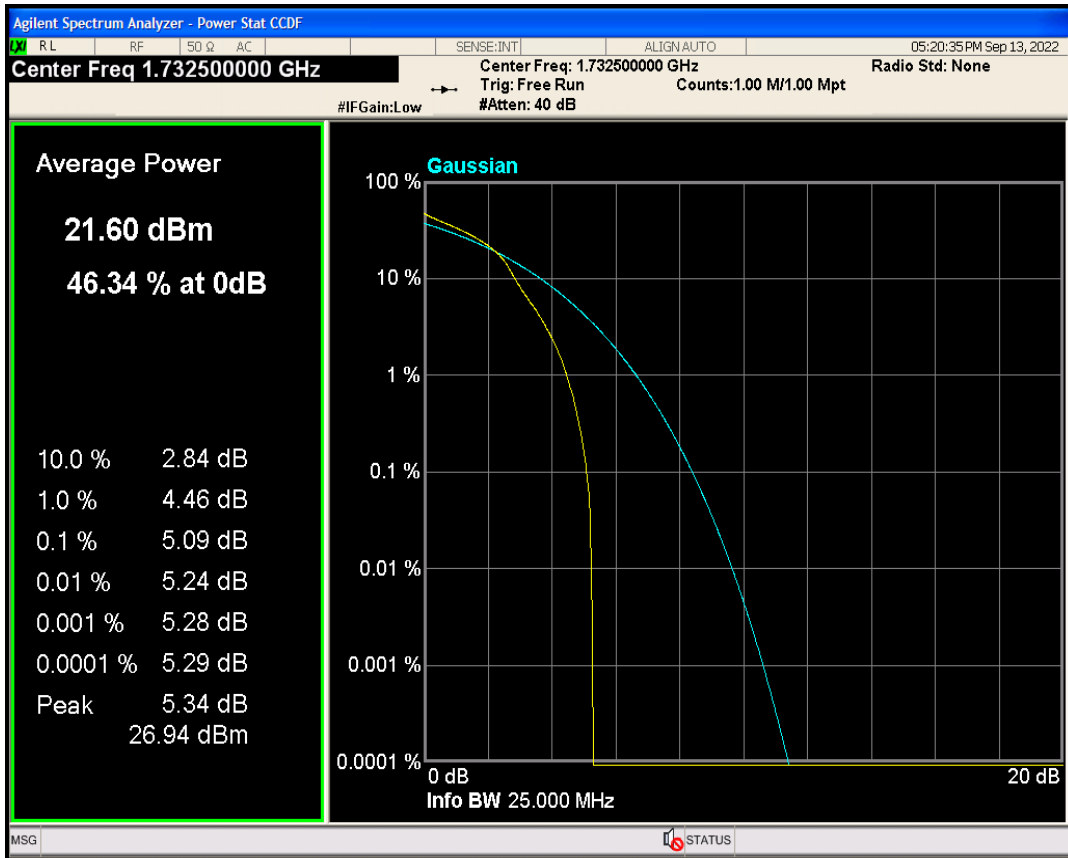
Band4 QAM16 BW=3MHz Channel=19965 RB Size=1 Position=#0



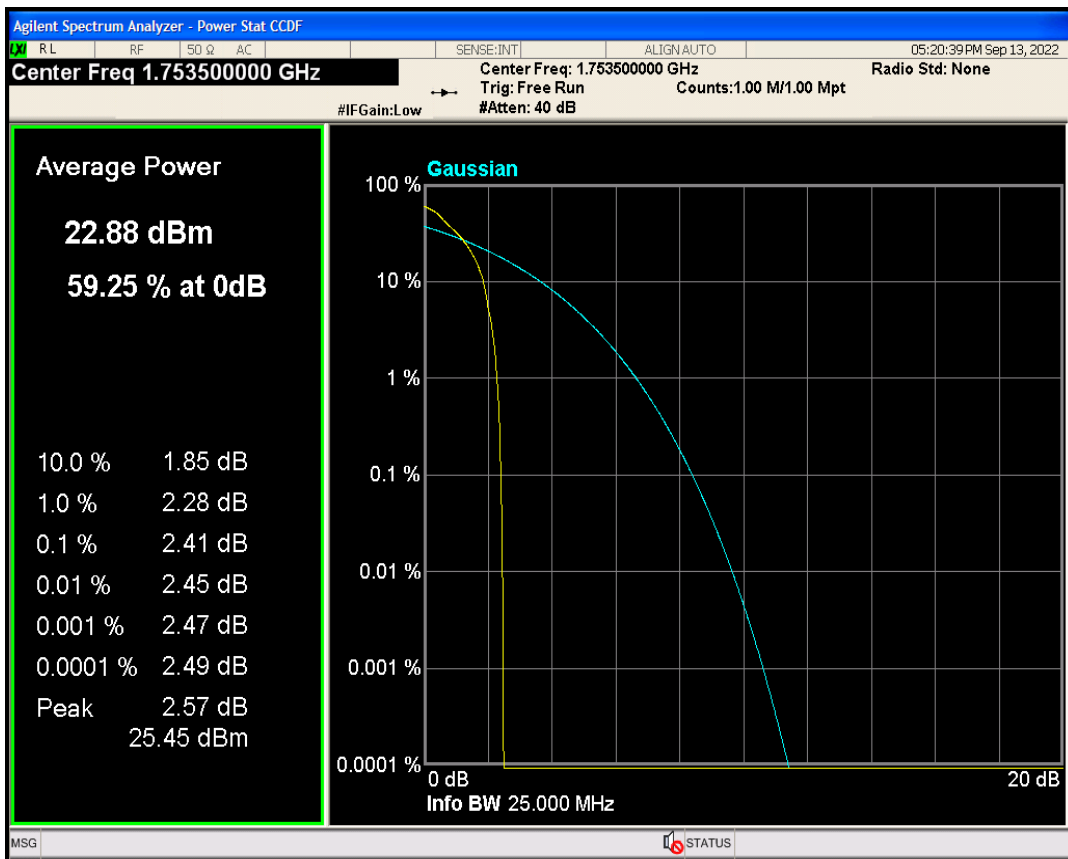
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



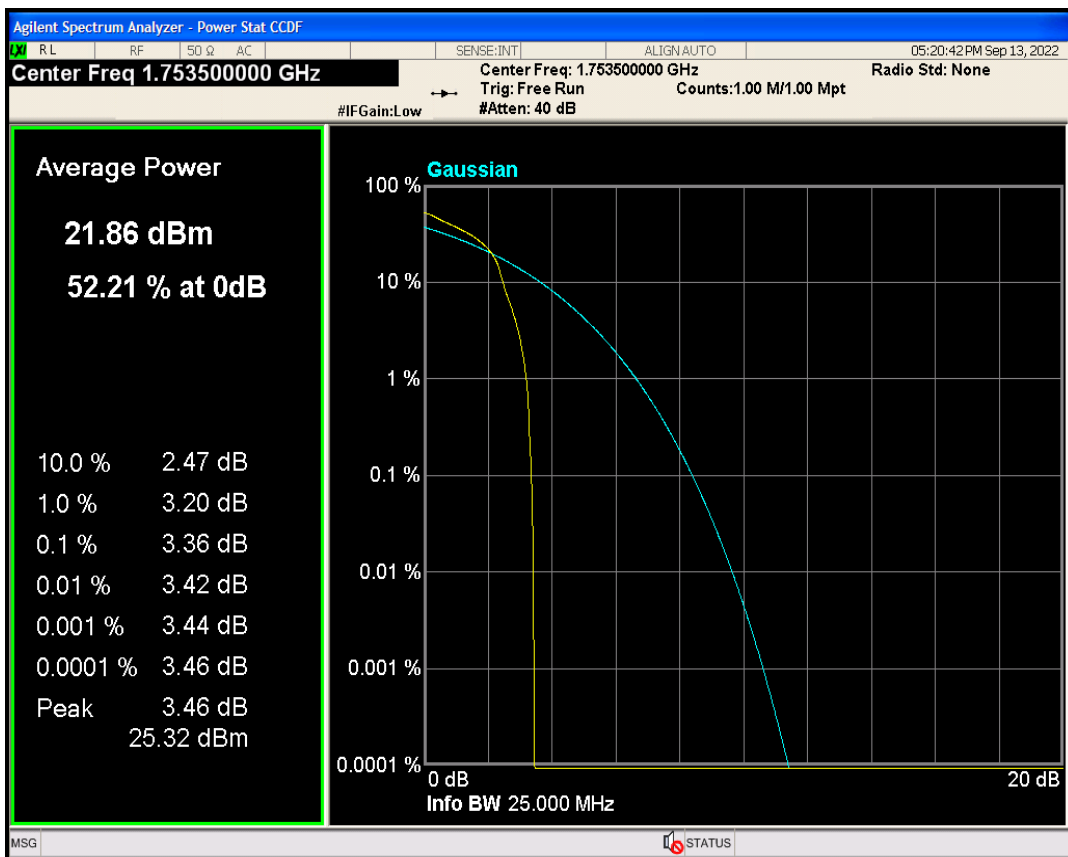
Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



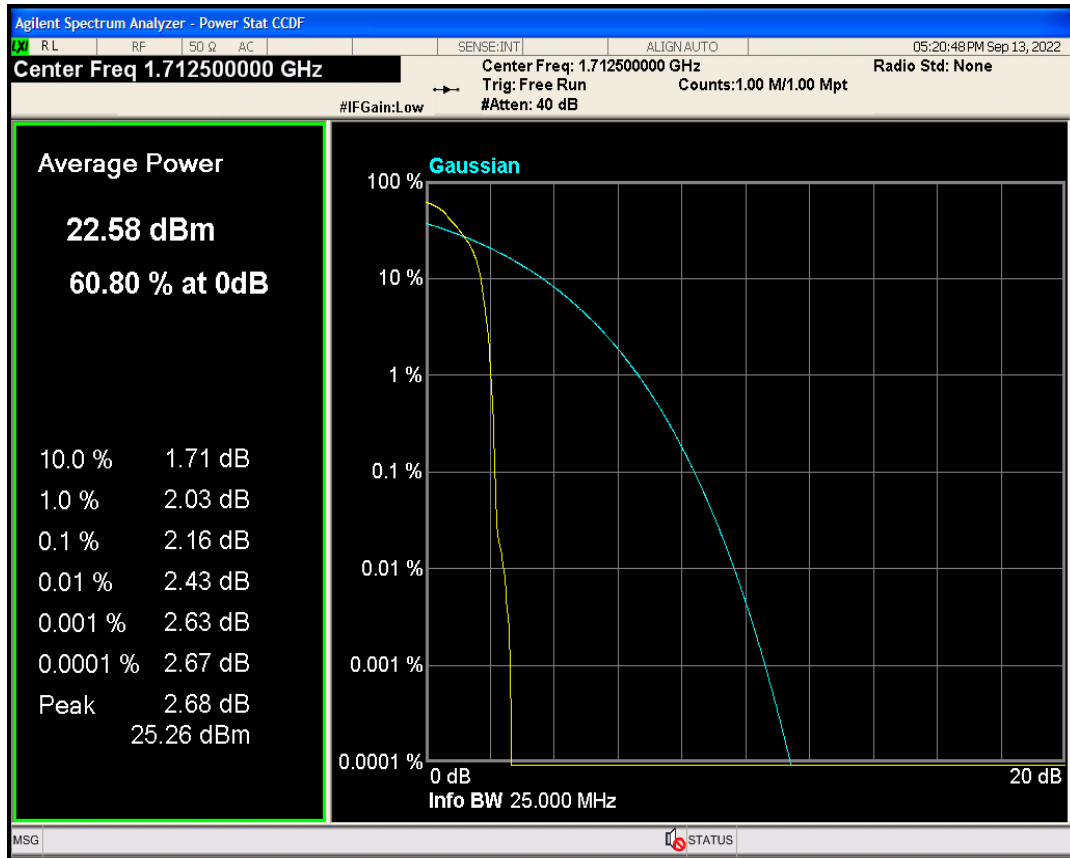
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



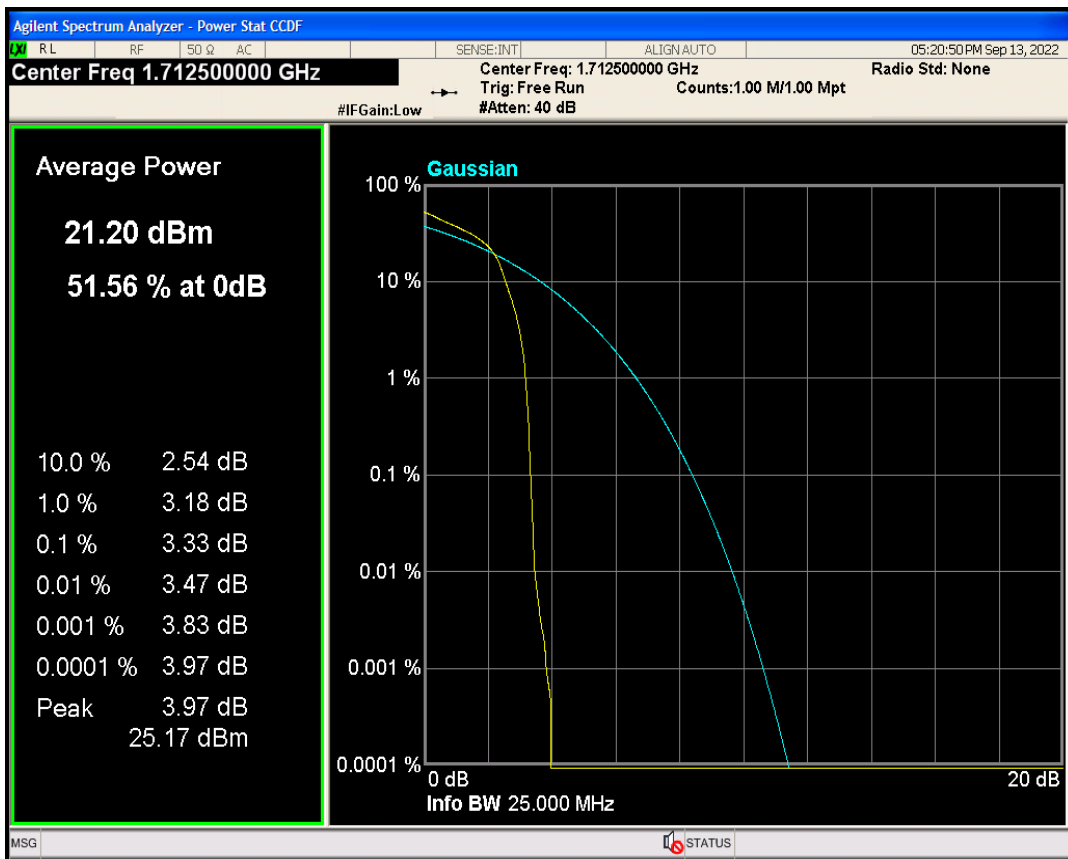
Band4 QAM16 BW=3MHz Channel=20385 RB Size=1 Position=#0



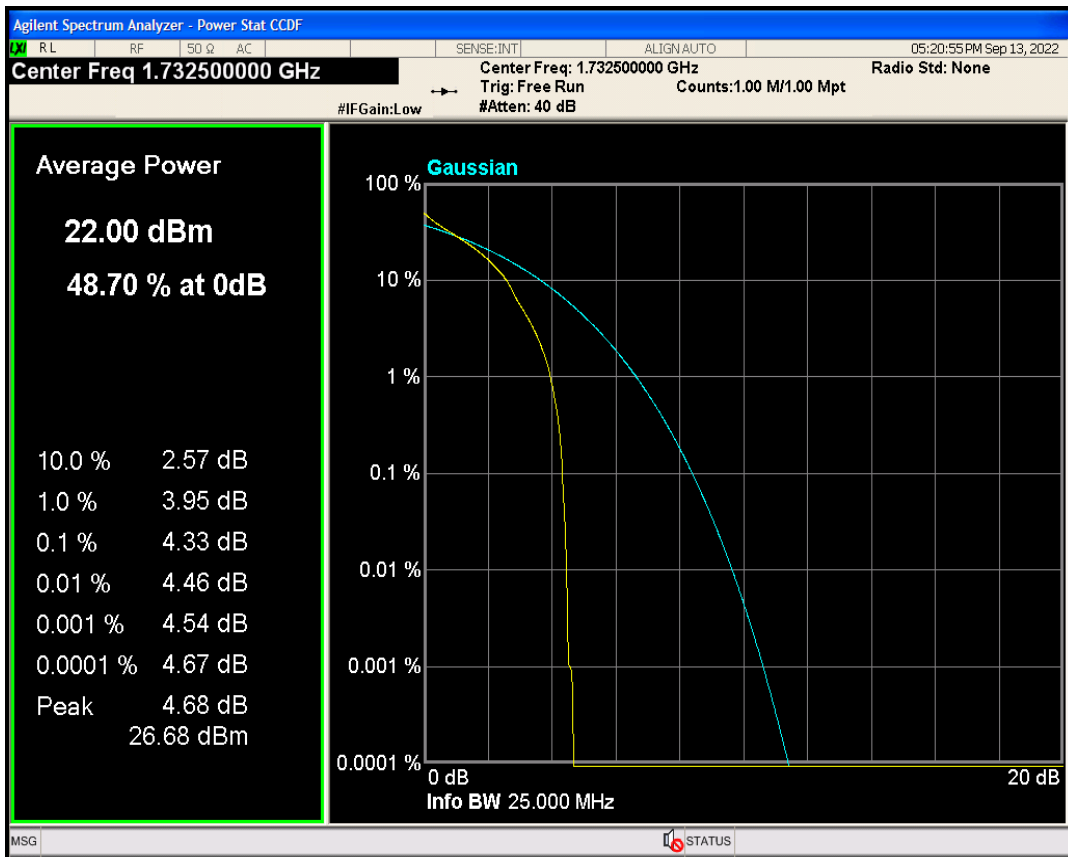
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



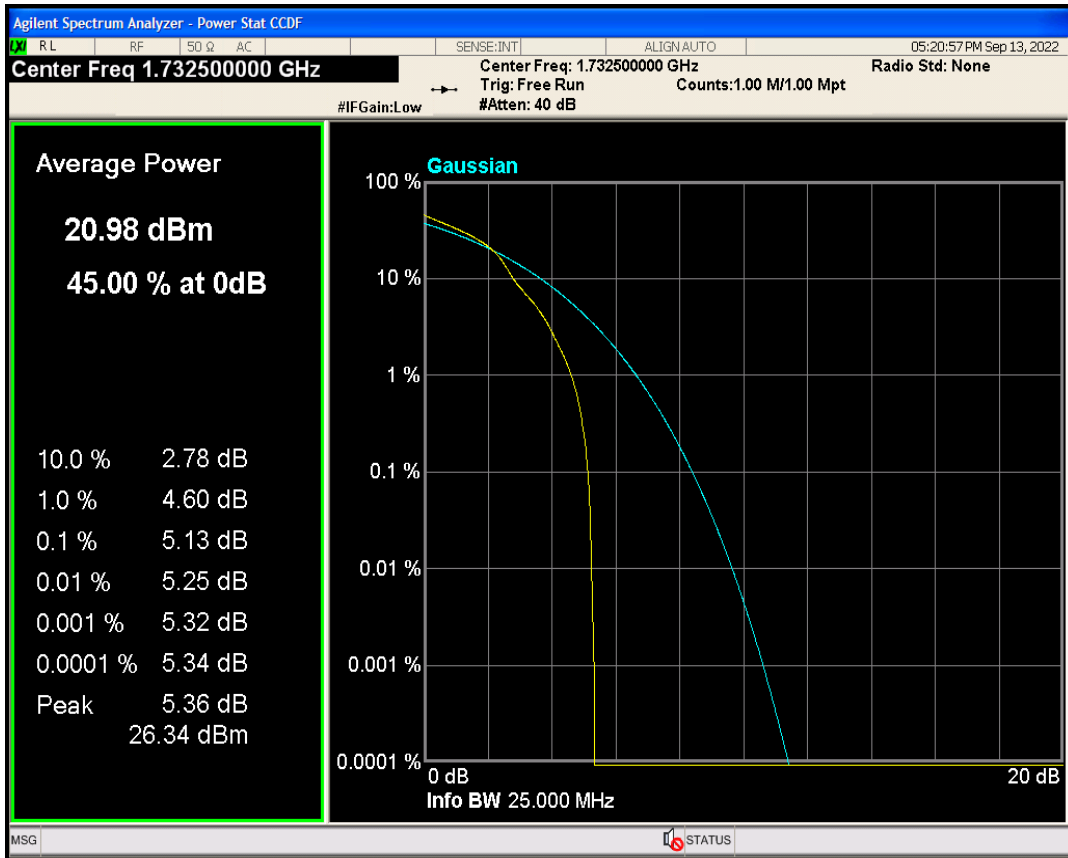
Band4 QAM16 BW=5MHz Channel=19975 RB Size=1 Position=#0



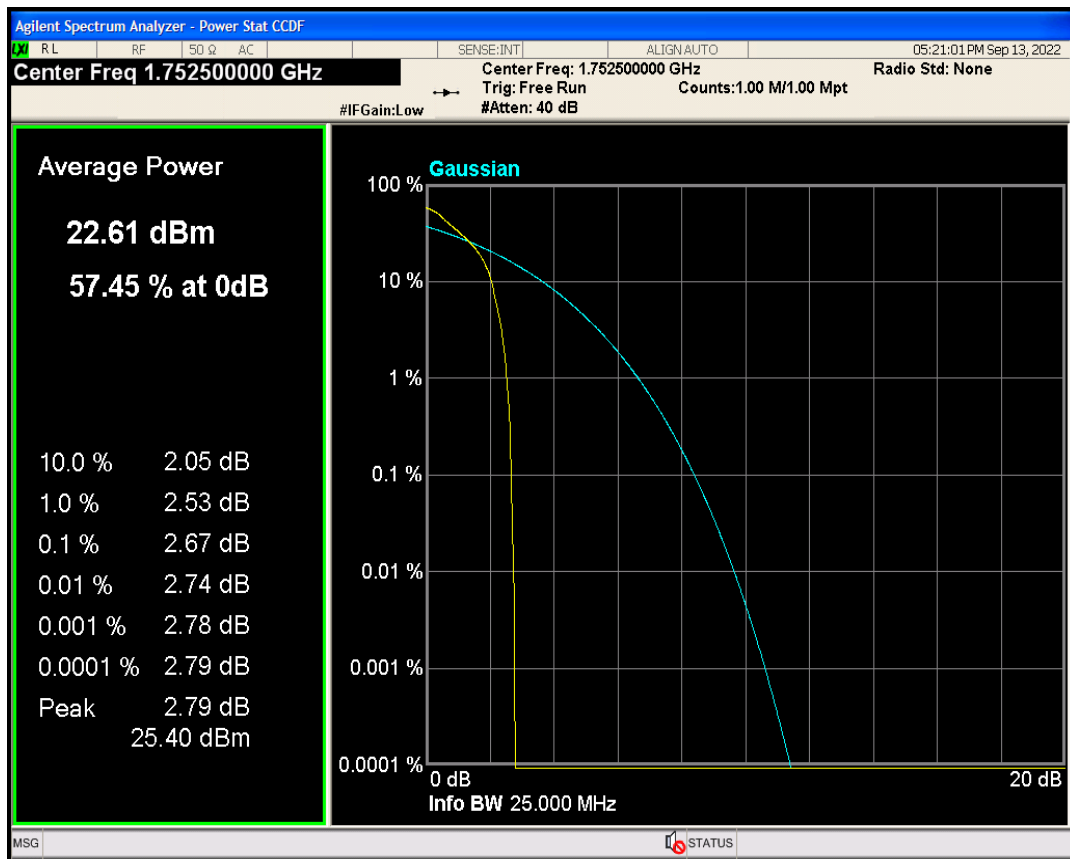
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



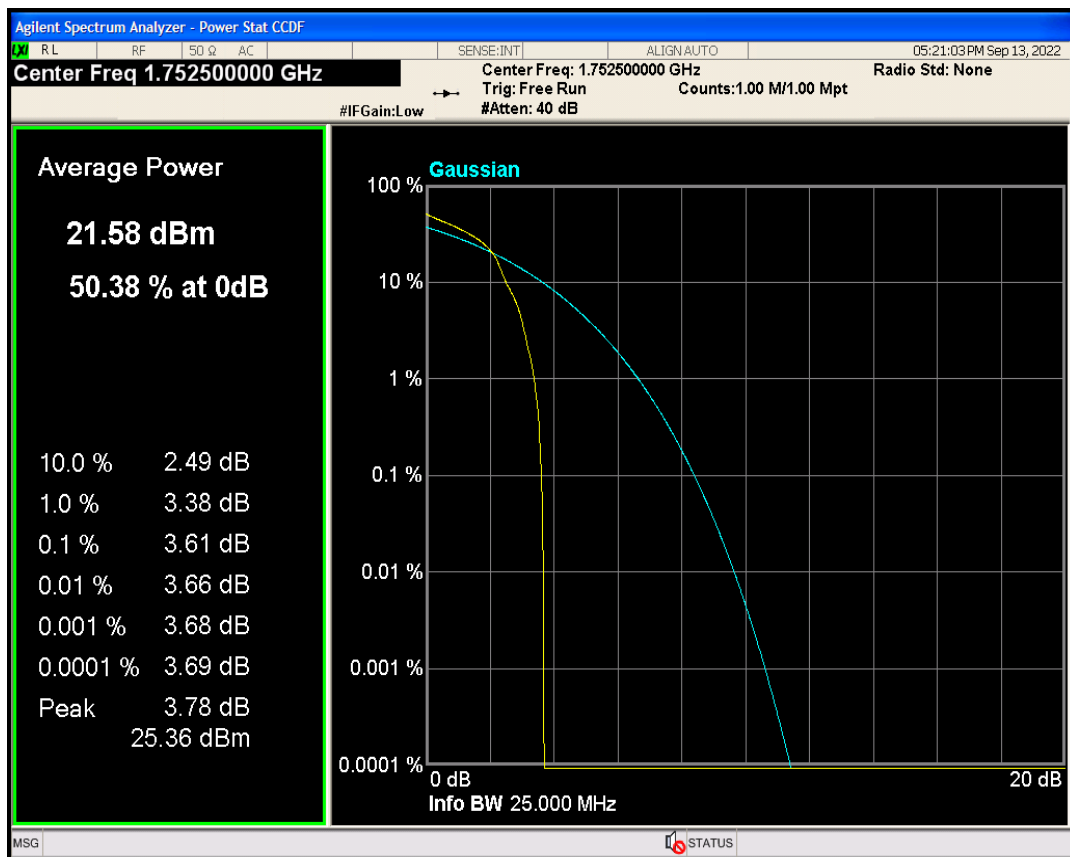
Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



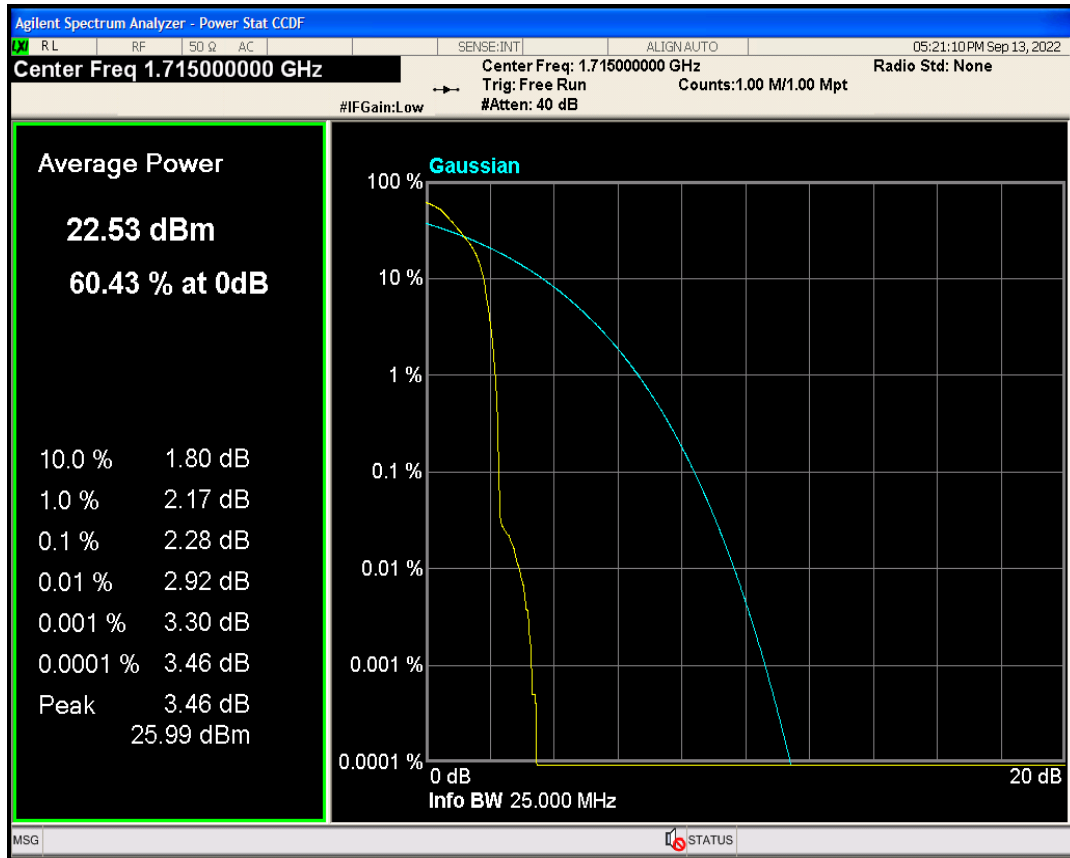
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



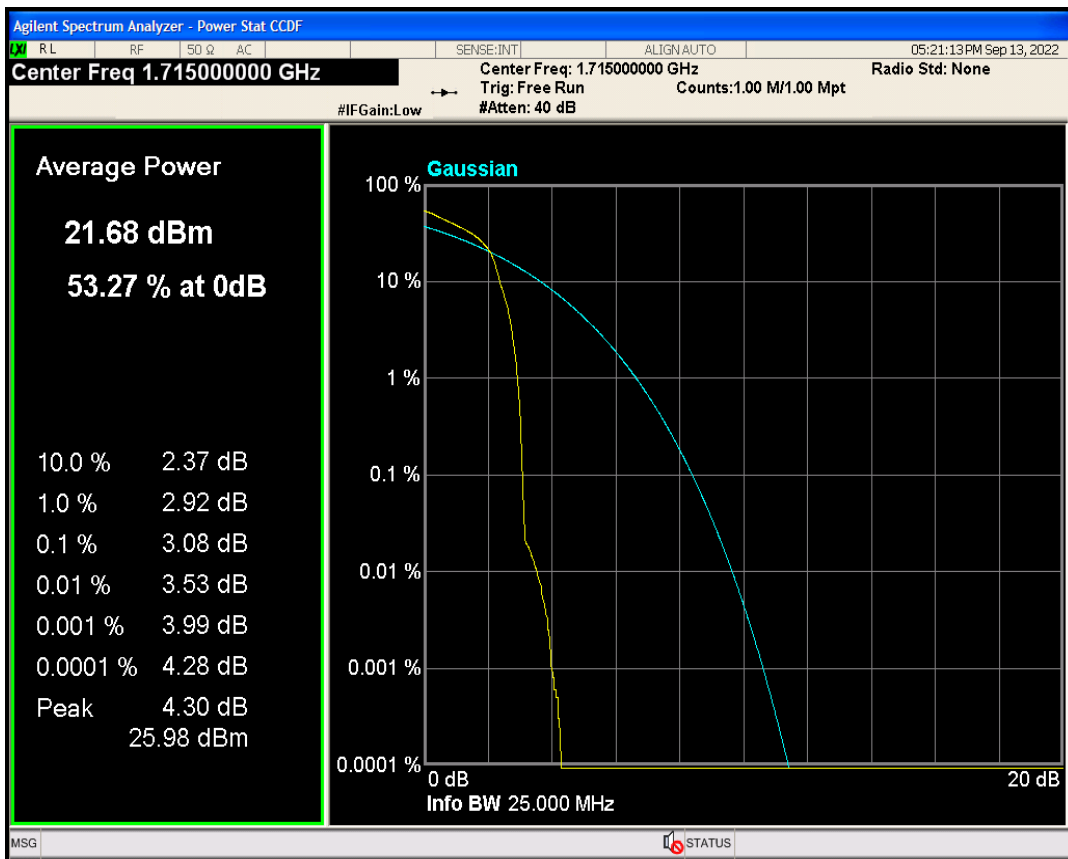
Band4 QAM16 BW=5MHz Channel=20375 RB Size=1 Position=#0



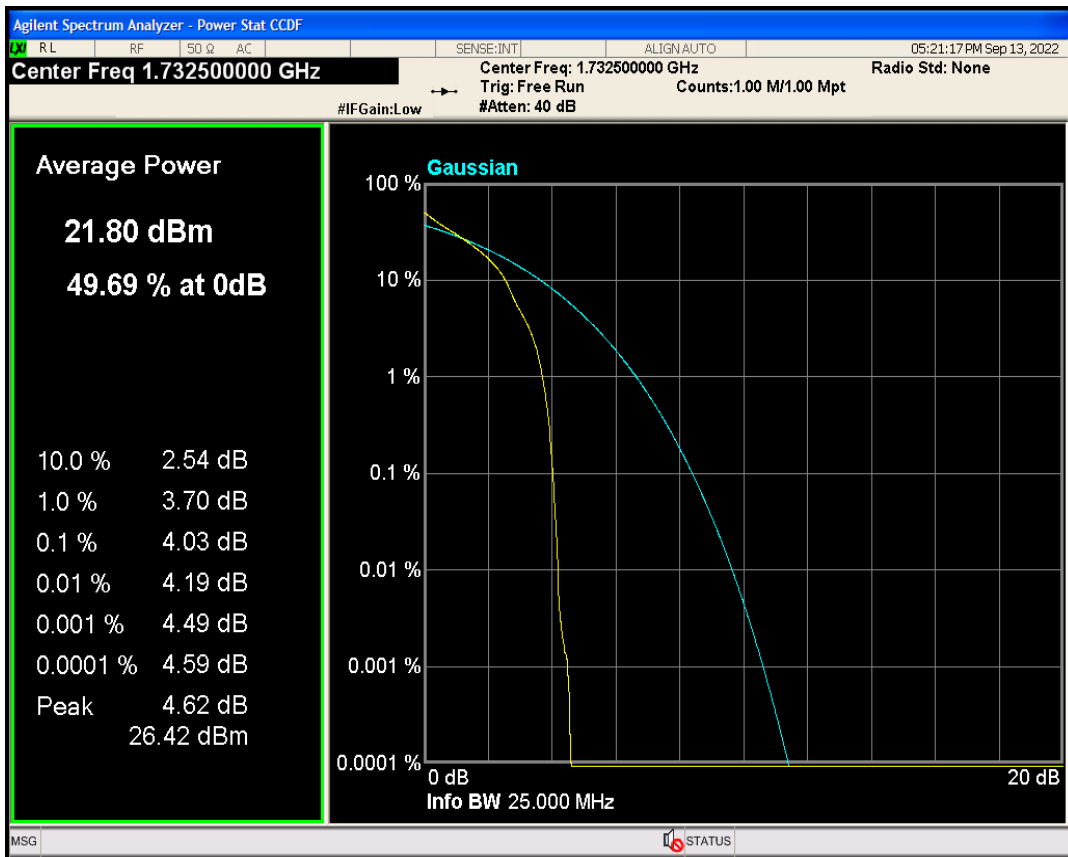
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



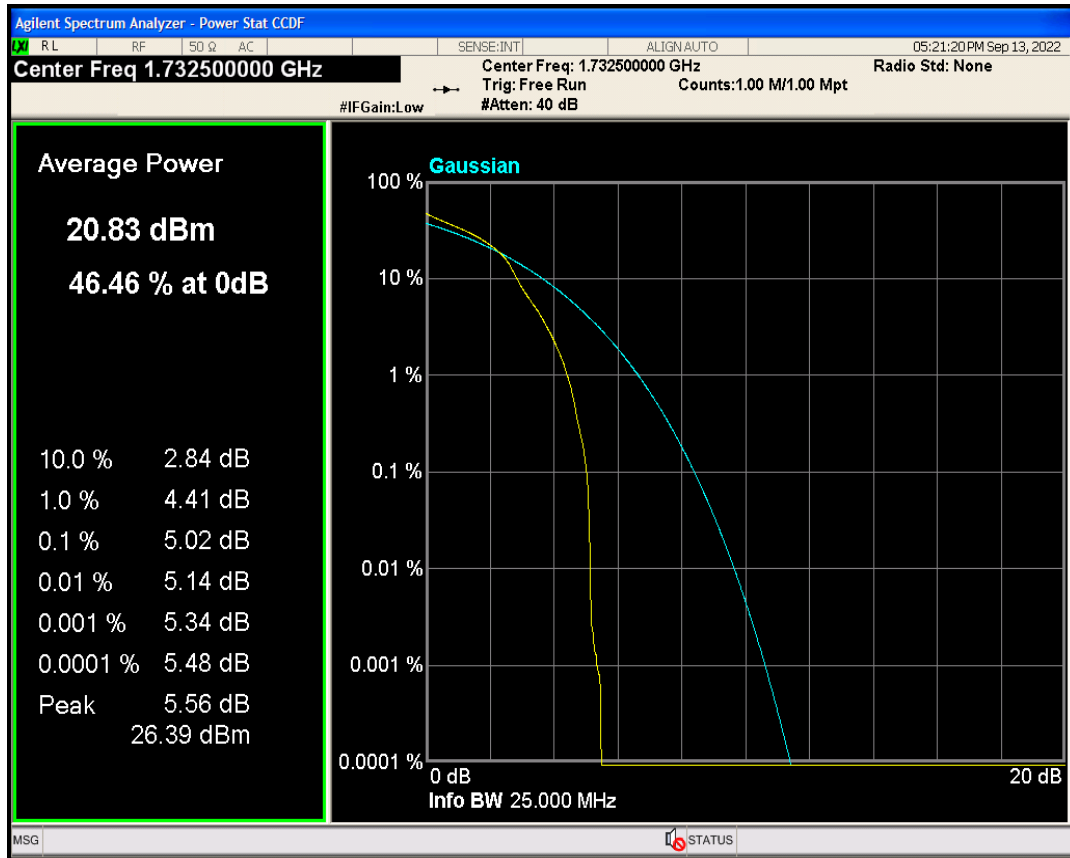
Band4 QAM16 BW=10MHz Channel=20000 RB Size=1 Position=#0



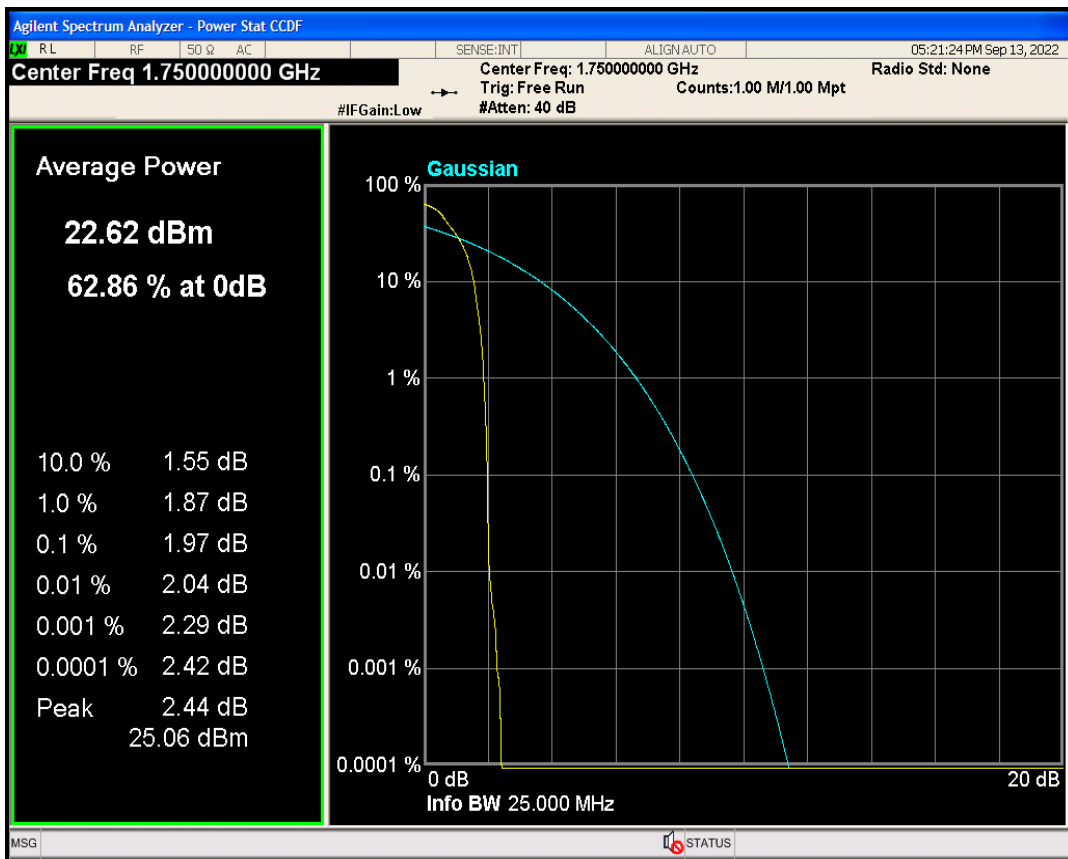
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



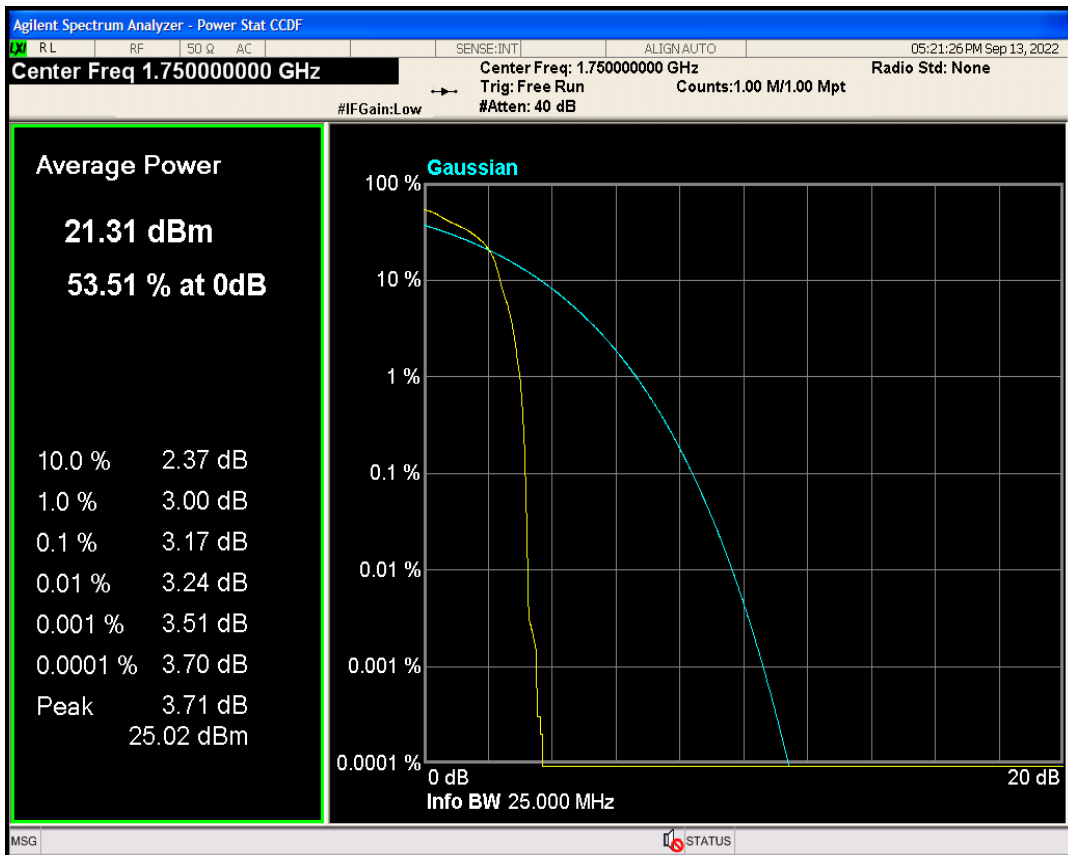
Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0



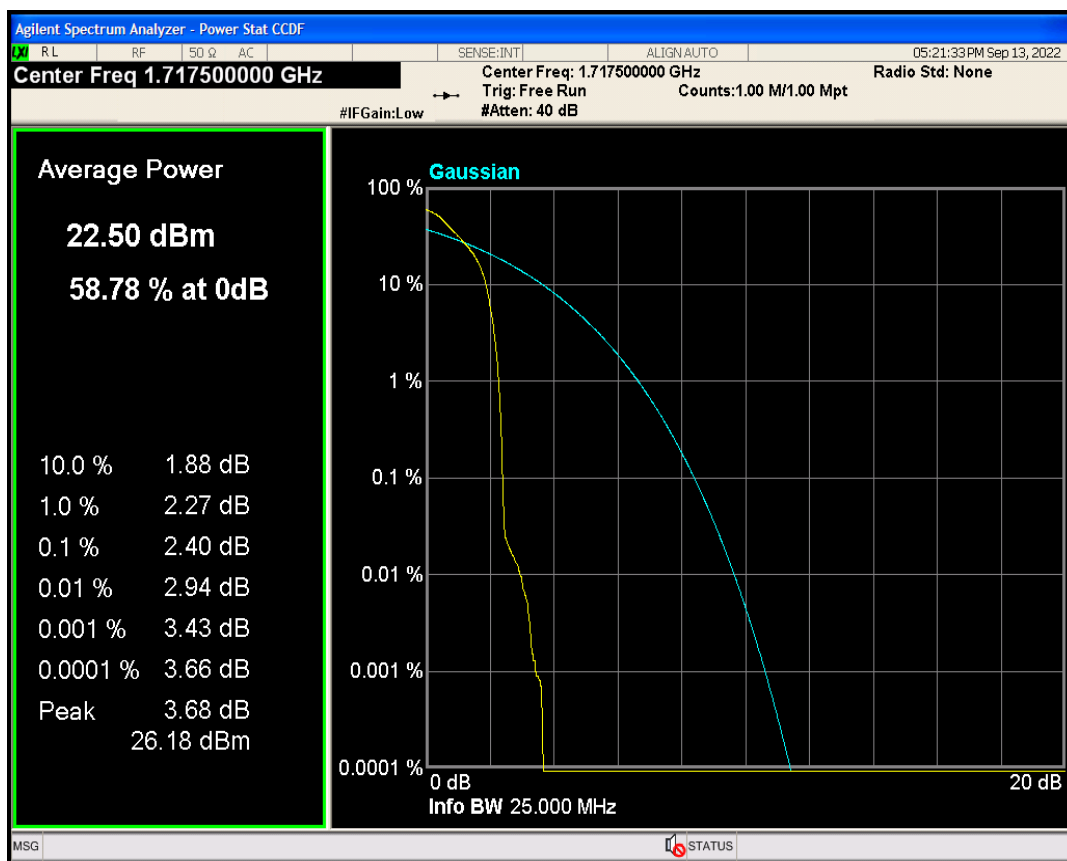
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



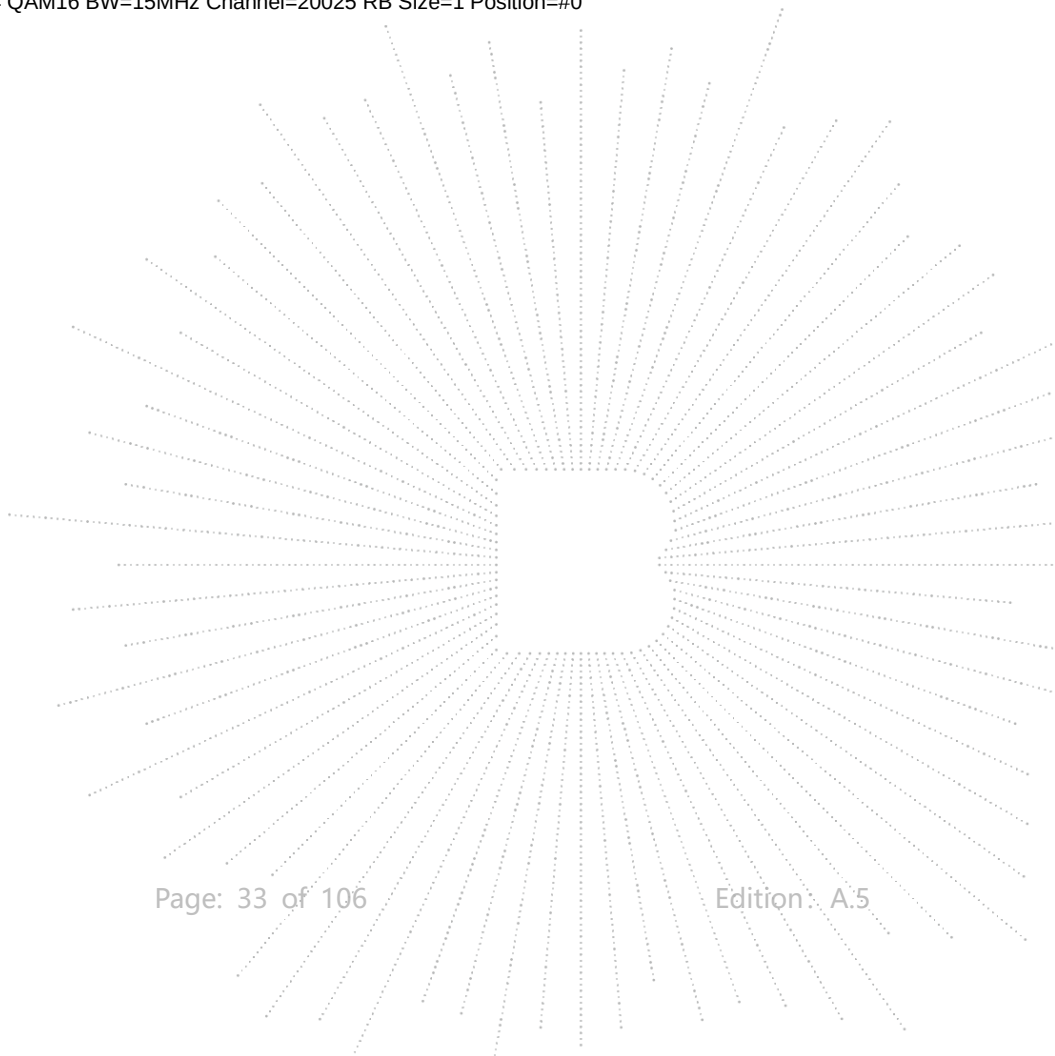
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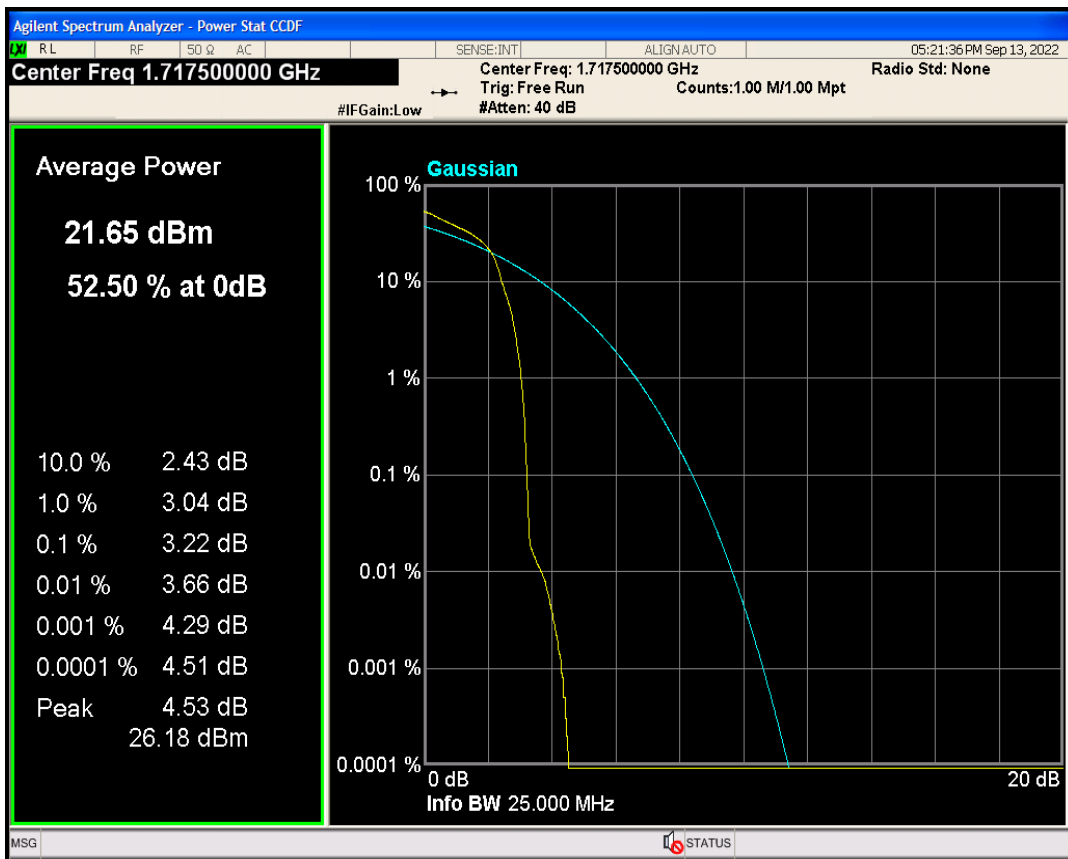


Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0

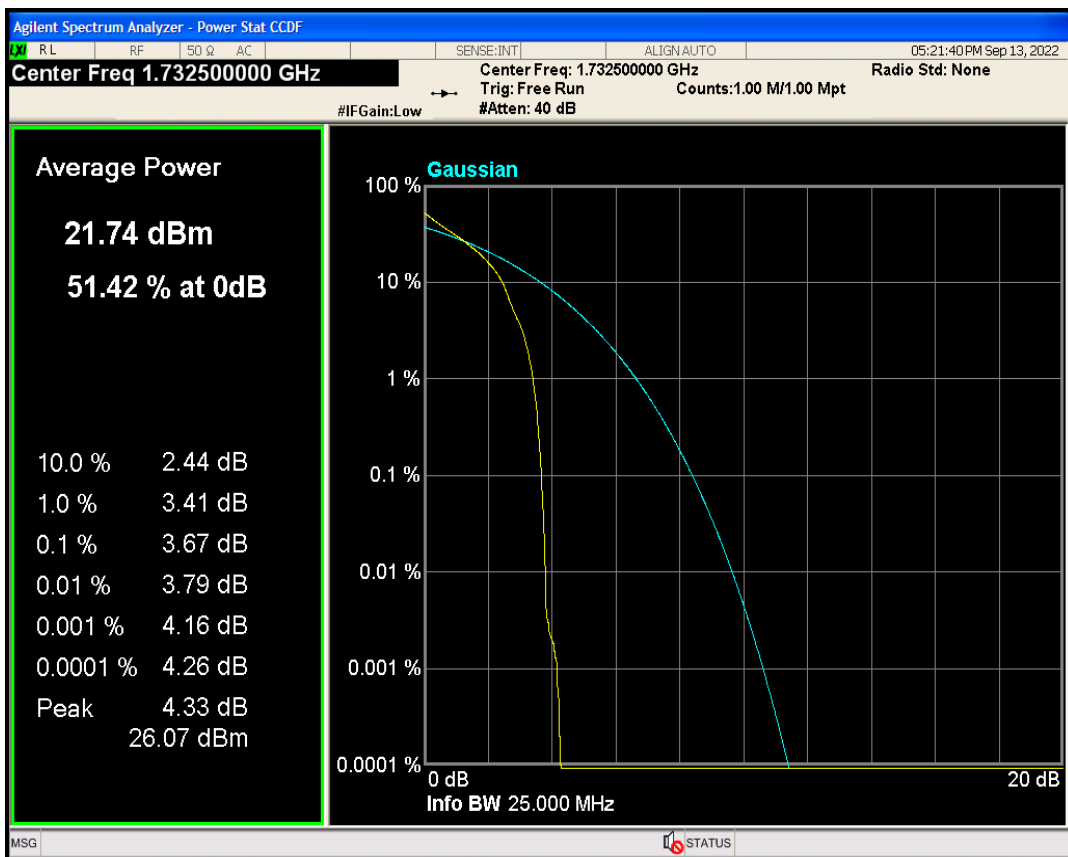


Band4 QAM16 BW=15MHz Channel=20025 RB Size=1 Position=#0

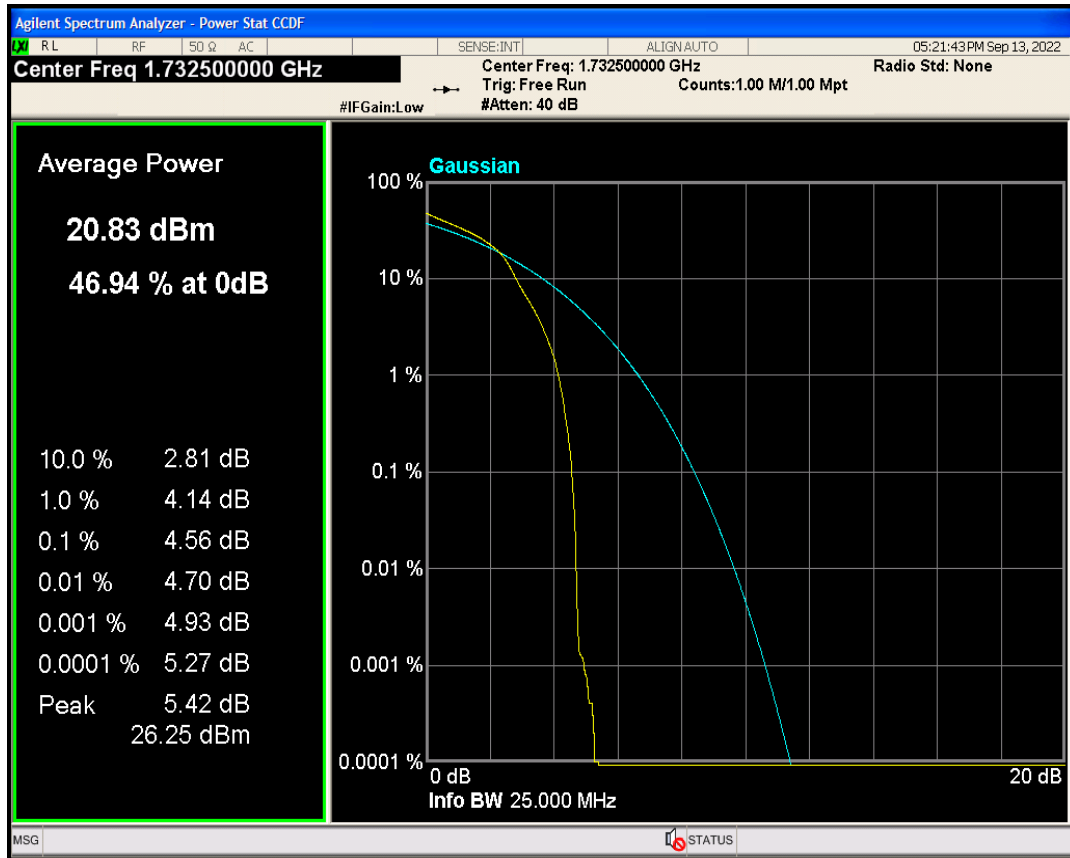




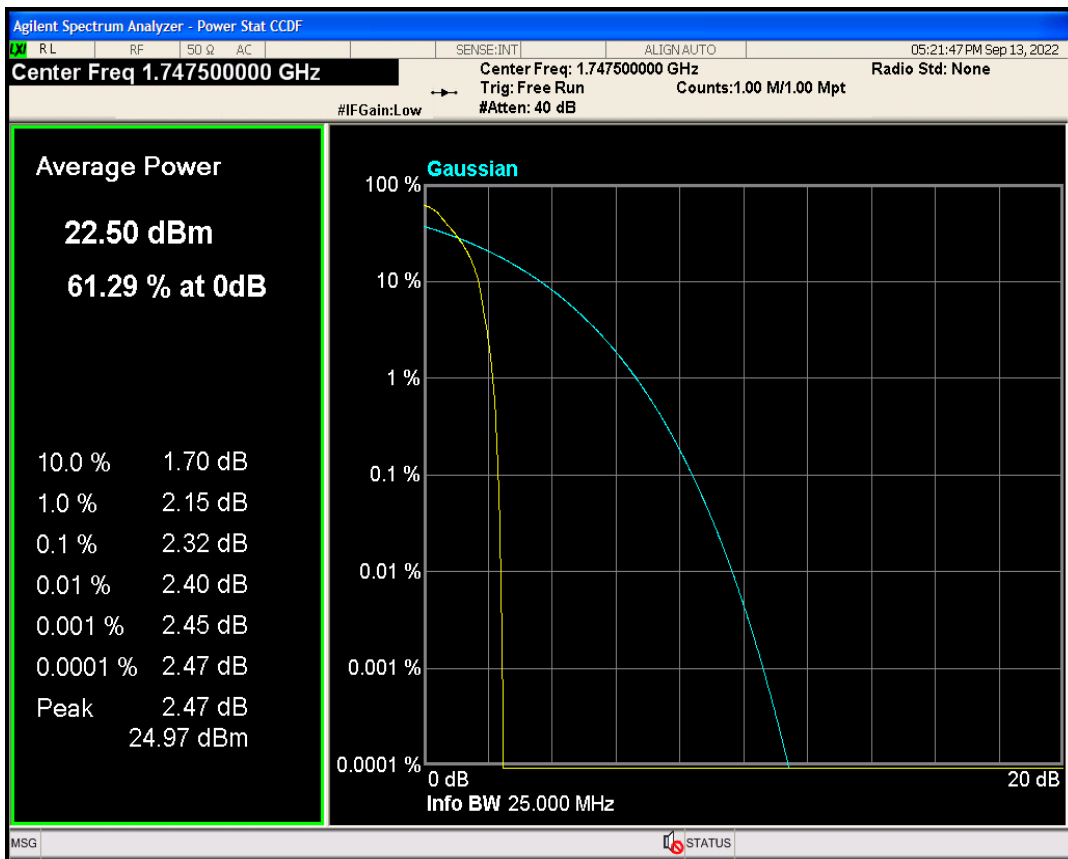
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



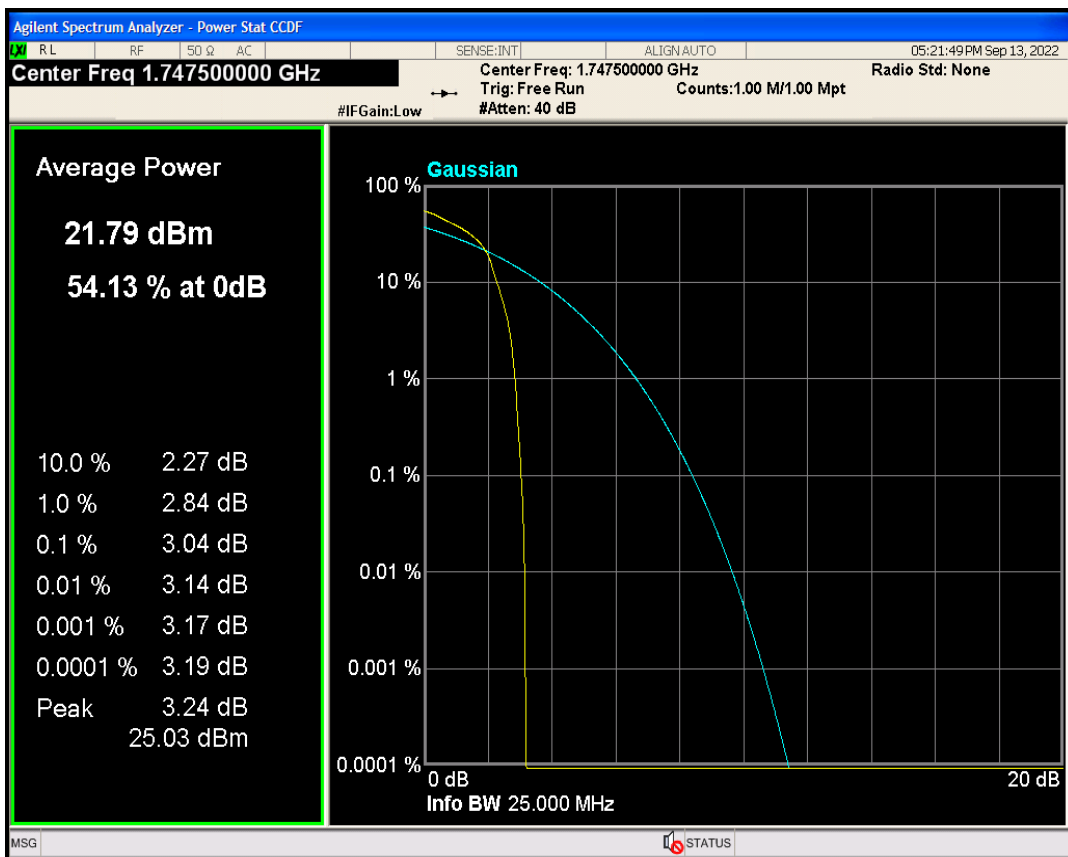
Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0



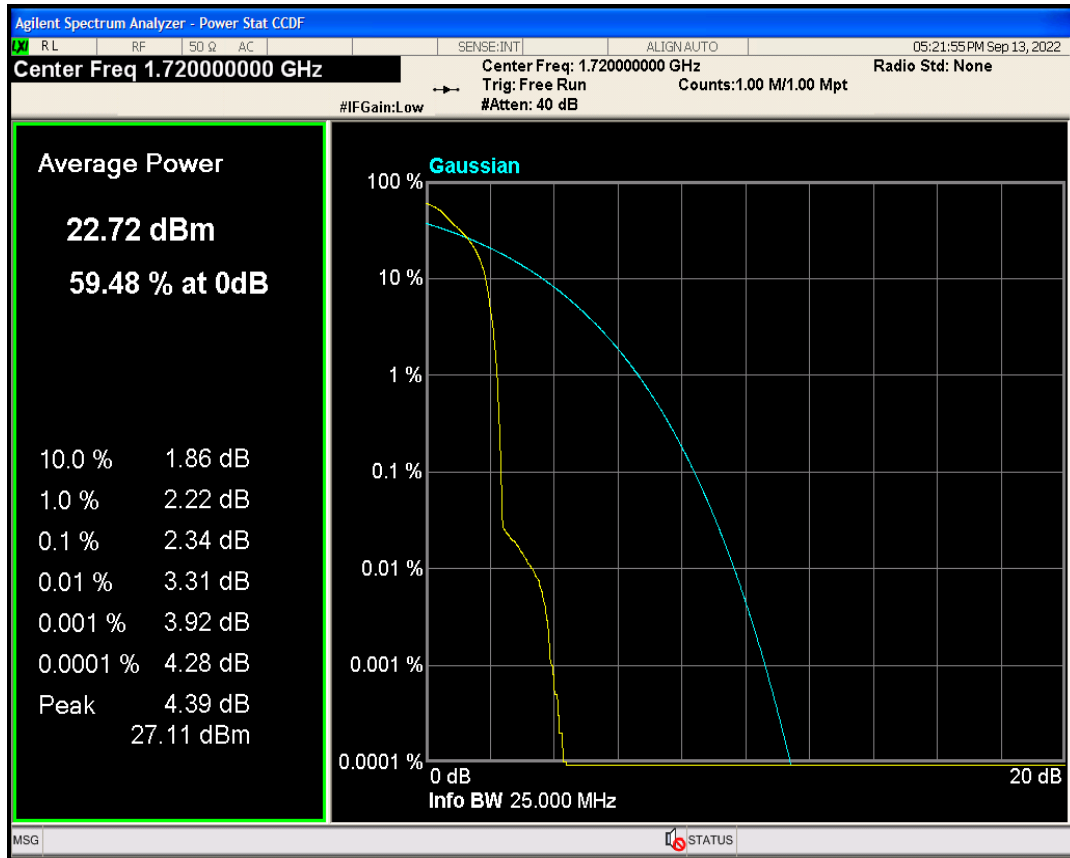
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



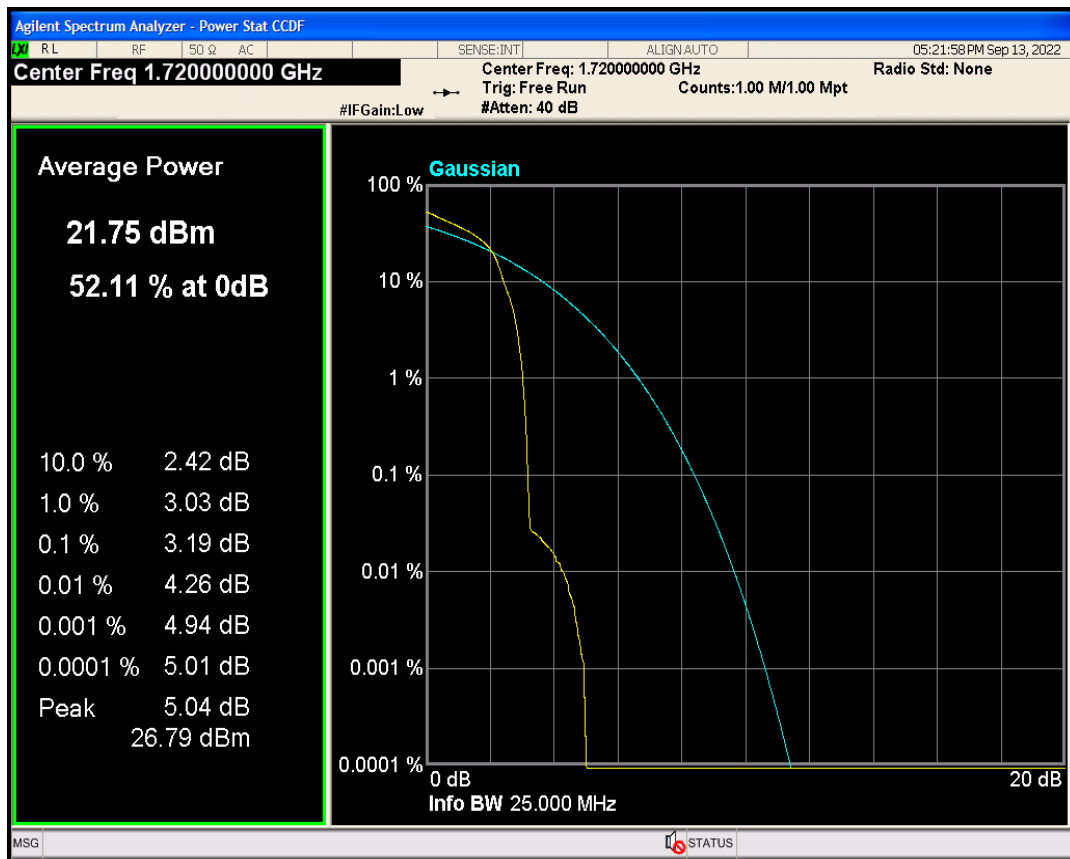
Band4 QAM16 BW=15MHz Channel=20325 RB Size=1 Position=#0



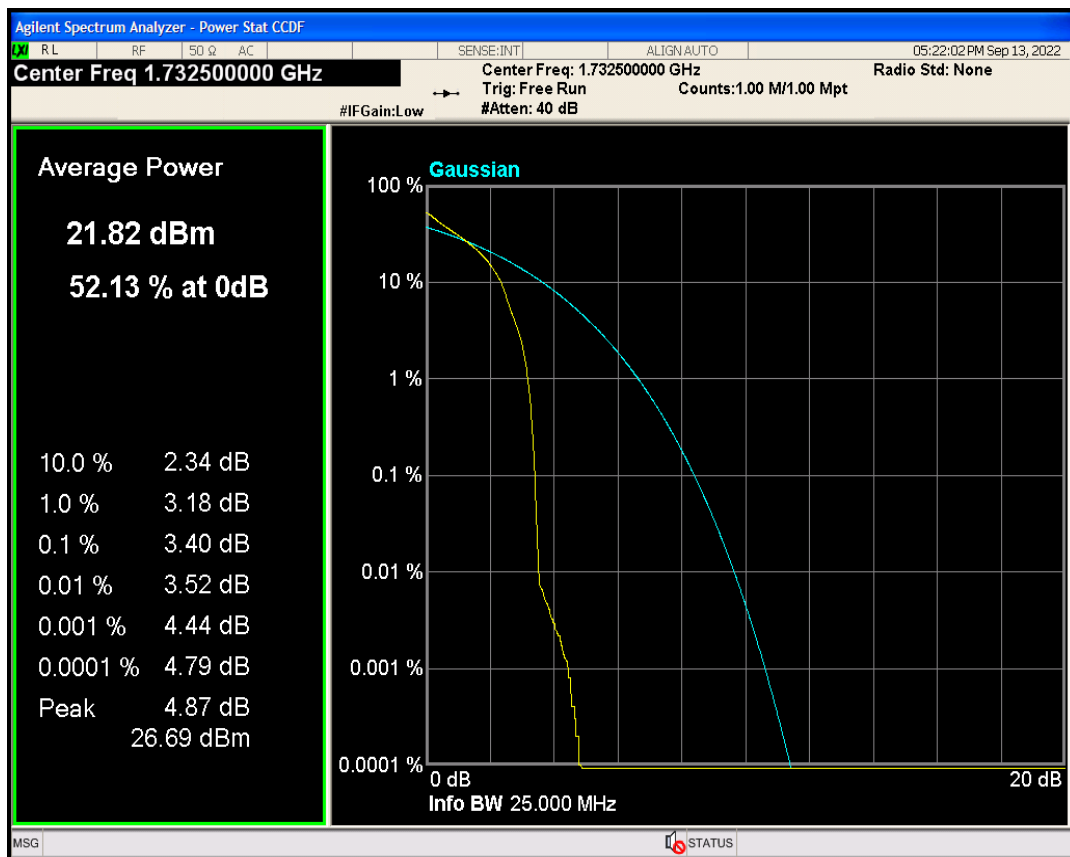
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



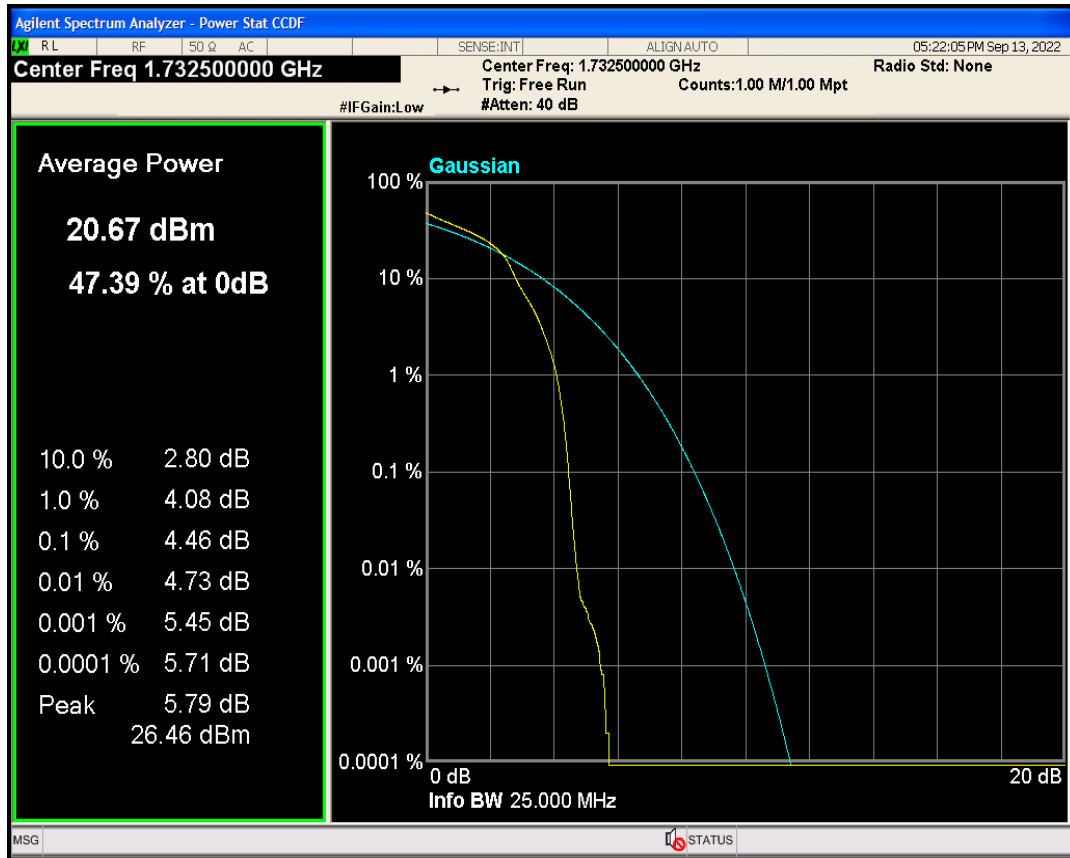
Band4 QAM16 BW=20MHz Channel=20050 RB Size=1 Position=#0



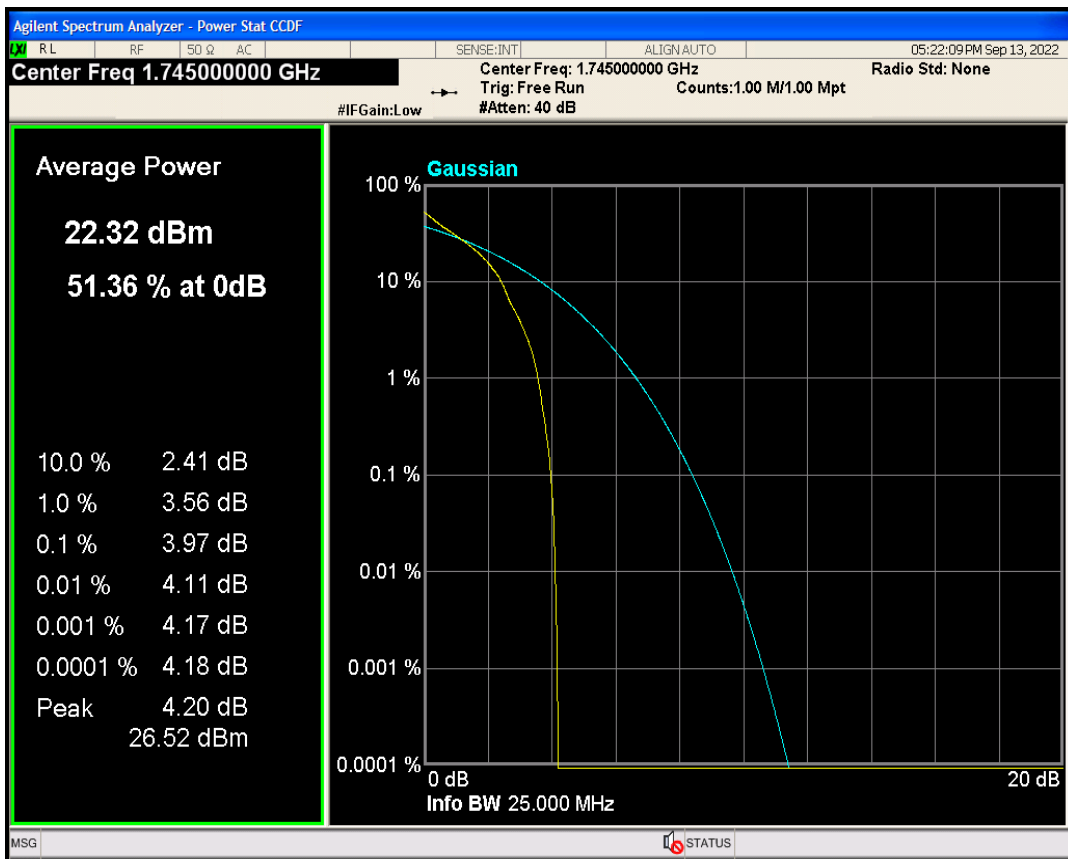
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



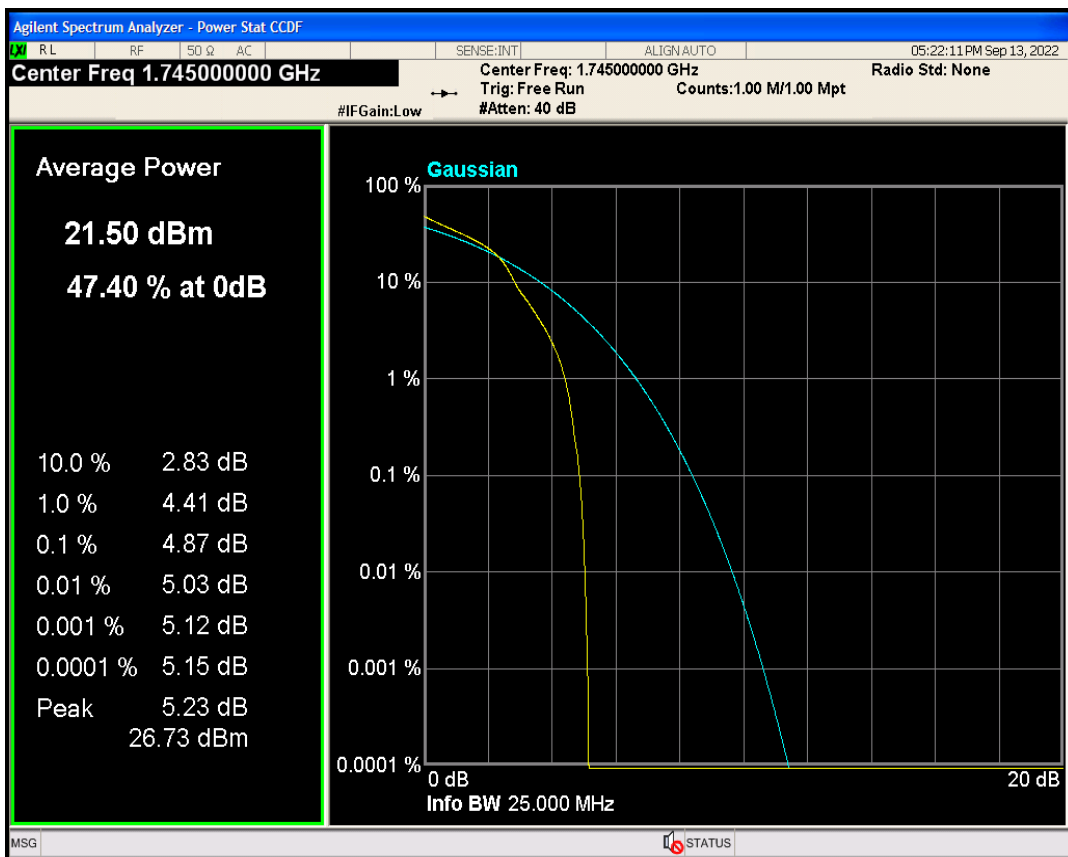
Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0



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



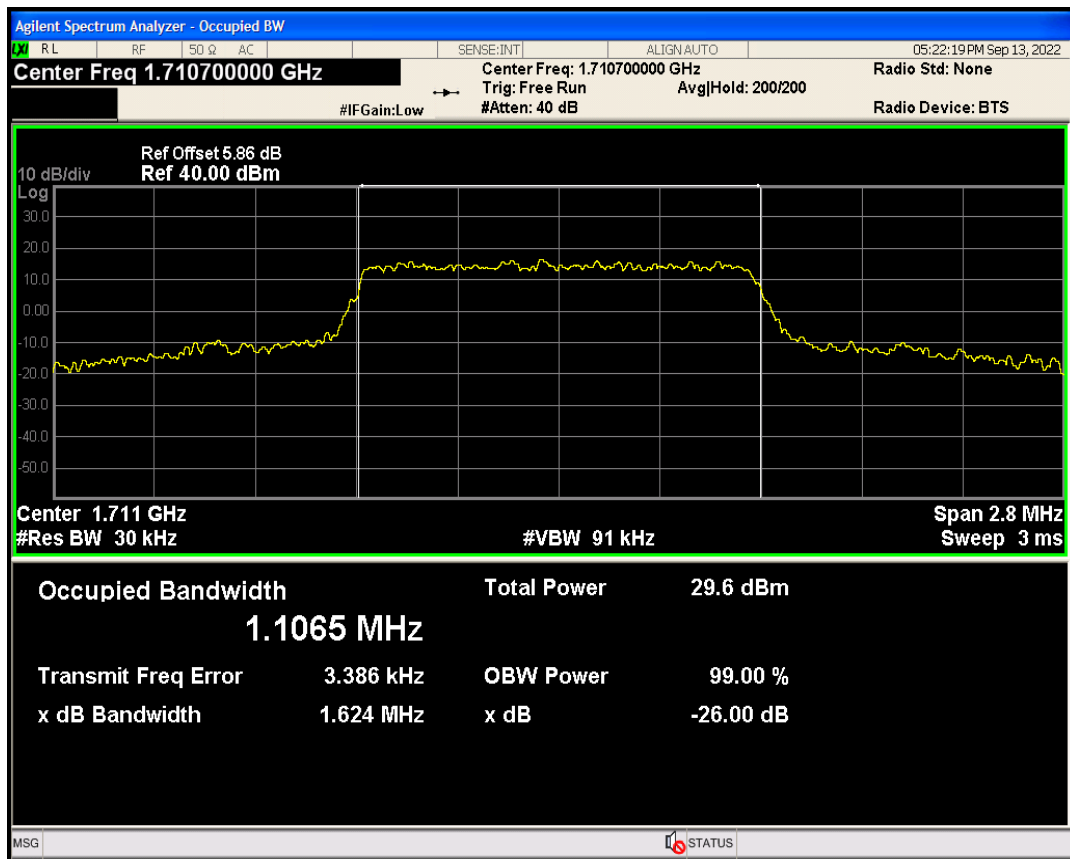
Band4 QAM16 BW=20MHz Channel=20300 RB Size=1 Position=#0



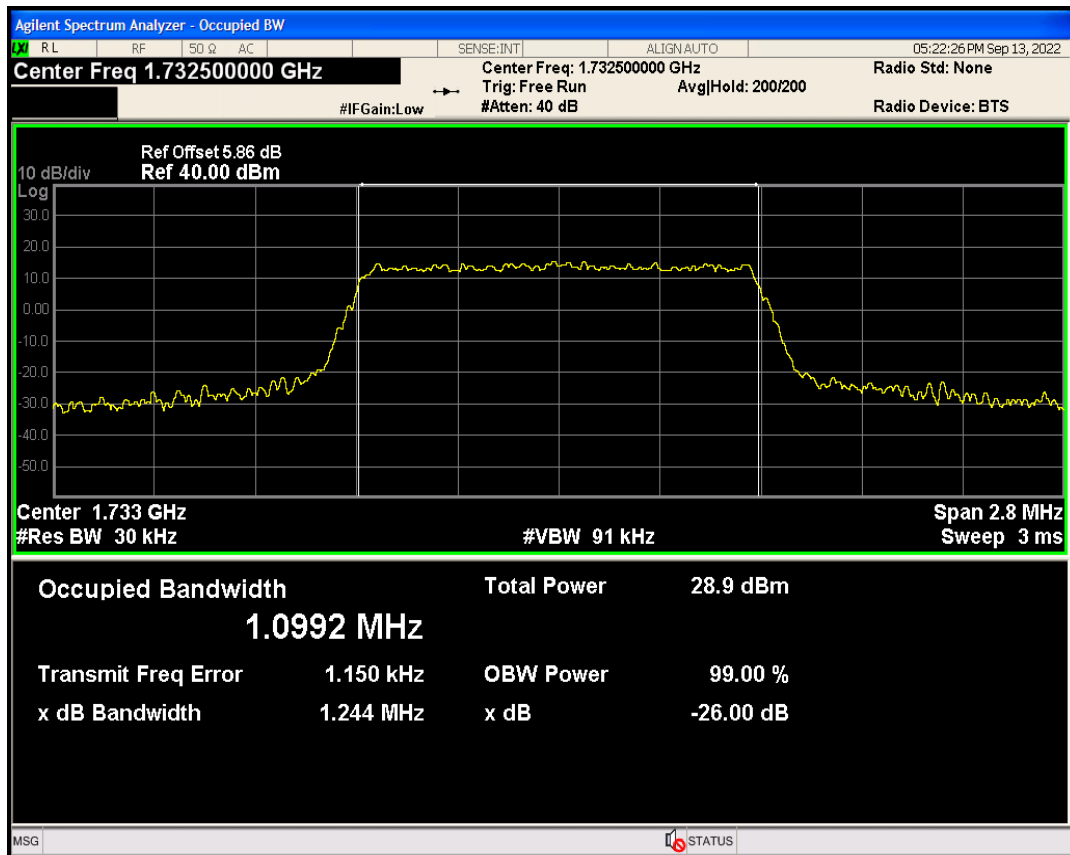
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.106	1.624	PASS
Band4	1.4	19957	6	#0	QAM16	1.116	1.506	PASS
Band4	1.4	20175	6	#0	QPSK	1.099	1.244	PASS
Band4	1.4	20175	6	#0	QAM16	1.096	1.247	PASS
Band4	1.4	20393	6	#0	QPSK	1.113	1.291	PASS
Band4	1.4	20393	6	#0	QAM16	1.108	1.387	PASS
Band4	3	19965	15	#0	QPSK	2.720	3.042	PASS
Band4	3	19965	15	#0	QAM16	2.711	3.052	PASS
Band4	3	20175	15	#0	QPSK	2.704	3.029	PASS
Band4	3	20175	15	#0	QAM16	2.711	3.033	PASS
Band4	3	20385	15	#0	QPSK	2.718	3.059	PASS
Band4	3	20385	15	#0	QAM16	2.715	3.494	PASS
Band4	5	19975	25	#0	QPSK	4.554	4.946	PASS
Band4	5	19975	25	#0	QAM16	4.515	4.979	PASS
Band4	5	20175	25	#0	QPSK	4.505	4.964	PASS
Band4	5	20175	25	#0	QAM16	4.520	4.998	PASS
Band4	5	20375	25	#0	QPSK	4.515	5.030	PASS
Band4	5	20375	25	#0	QAM16	4.504	5.637	PASS
Band4	10	20000	50	#0	QPSK	8.984	9.889	PASS
Band4	10	20175	50	#0	QPSK	8.982	9.750	PASS
Band4	10	20350	50	#0	QPSK	9.031	9.997	PASS
Band4	15	20025	75	#0	QPSK	13.444	14.732	PASS
Band4	15	20175	75	#0	QPSK	13.470	14.647	PASS
Band4	15	20325	75	#0	QPSK	13.559	18.027	PASS
Band4	20	20050	100	#0	QPSK	17.967	19.460	PASS
Band4	20	20175	100	#0	QPSK	17.975	19.572	PASS
Band4	20	20300	100	#0	QPSK	18.031	19.680	PASS
Band4	10	20000	50	#0	QAM16	8.992	9.789	PASS
Band4	10	20175	50	#0	QAM16	8.976	9.733	PASS
Band4	10	20350	50	#0	QAM16	9.009	9.917	PASS
Band4	15	20025	75	#0	QAM16	13.452	14.900	PASS
Band4	15	20175	75	#0	QAM16	13.465	14.677	PASS
Band4	15	20325	75	#0	QAM16	13.528	17.215	PASS
Band4	20	20050	100	#0	QAM16	17.972	19.376	PASS
Band4	20	20175	100	#0	QAM16	17.965	19.589	PASS
Band4	20	20300	100	#0	QAM16	17.998	19.647	PASS

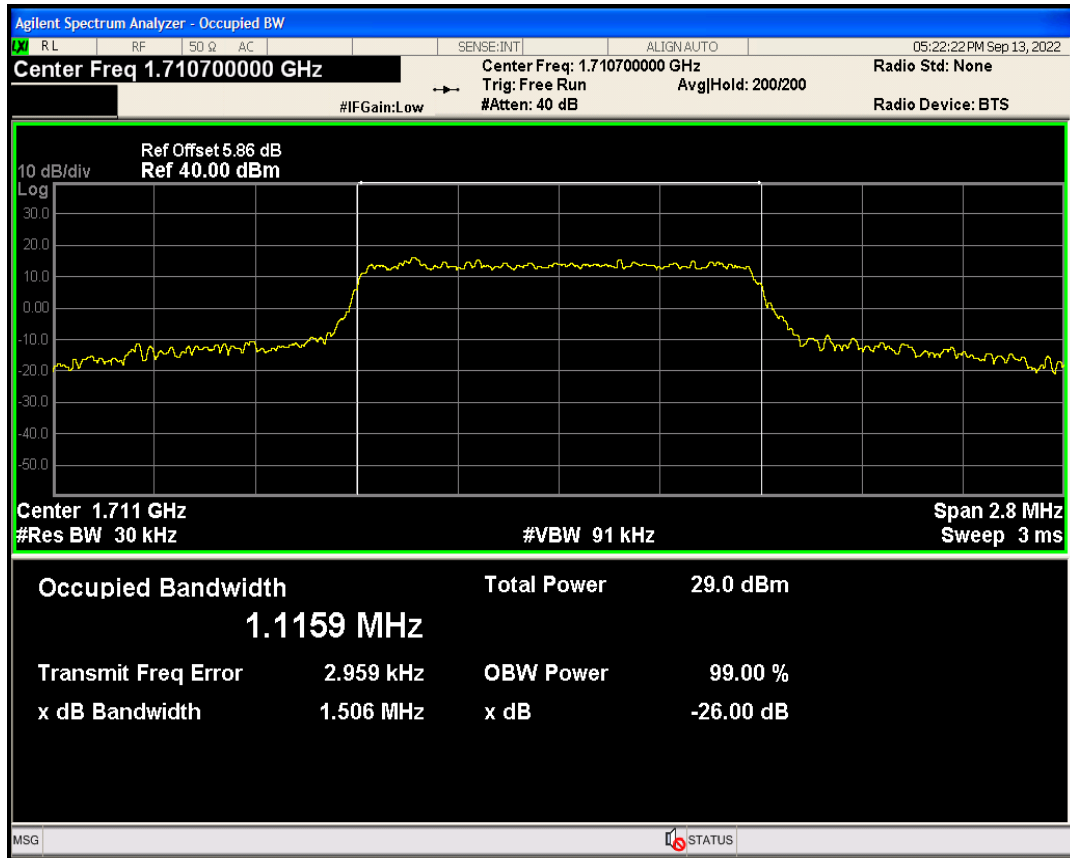
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



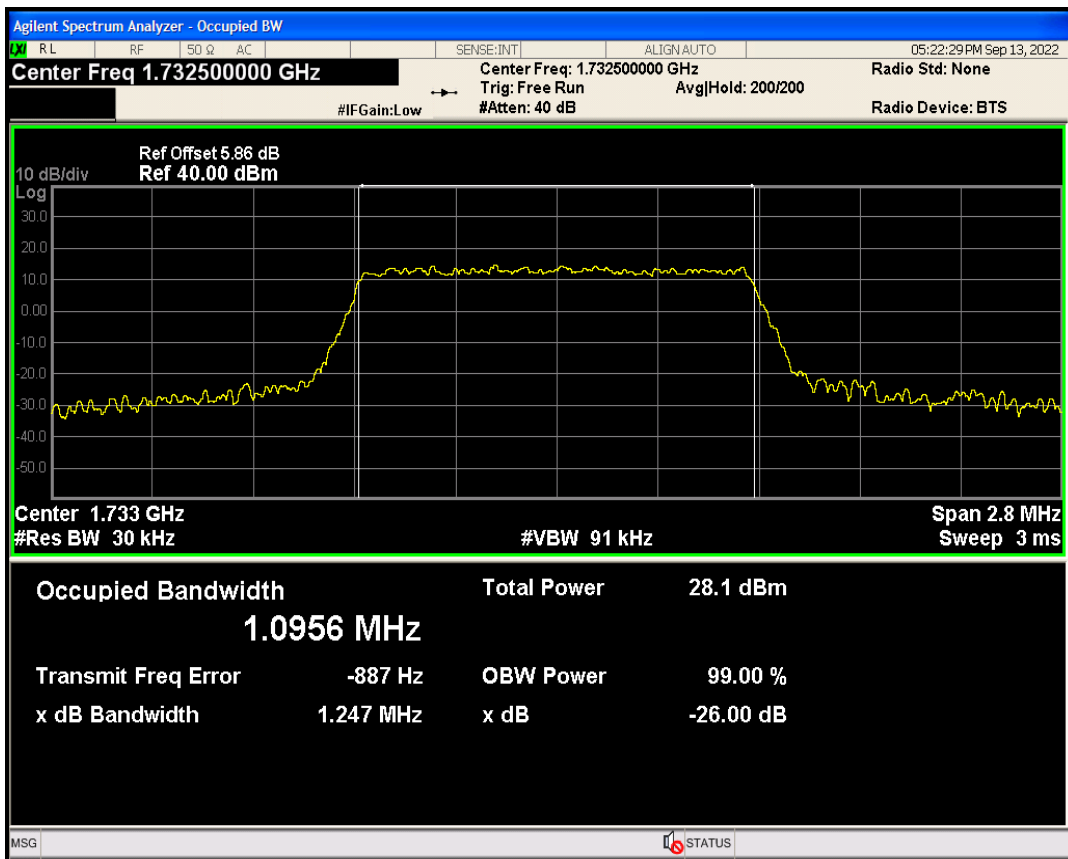
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



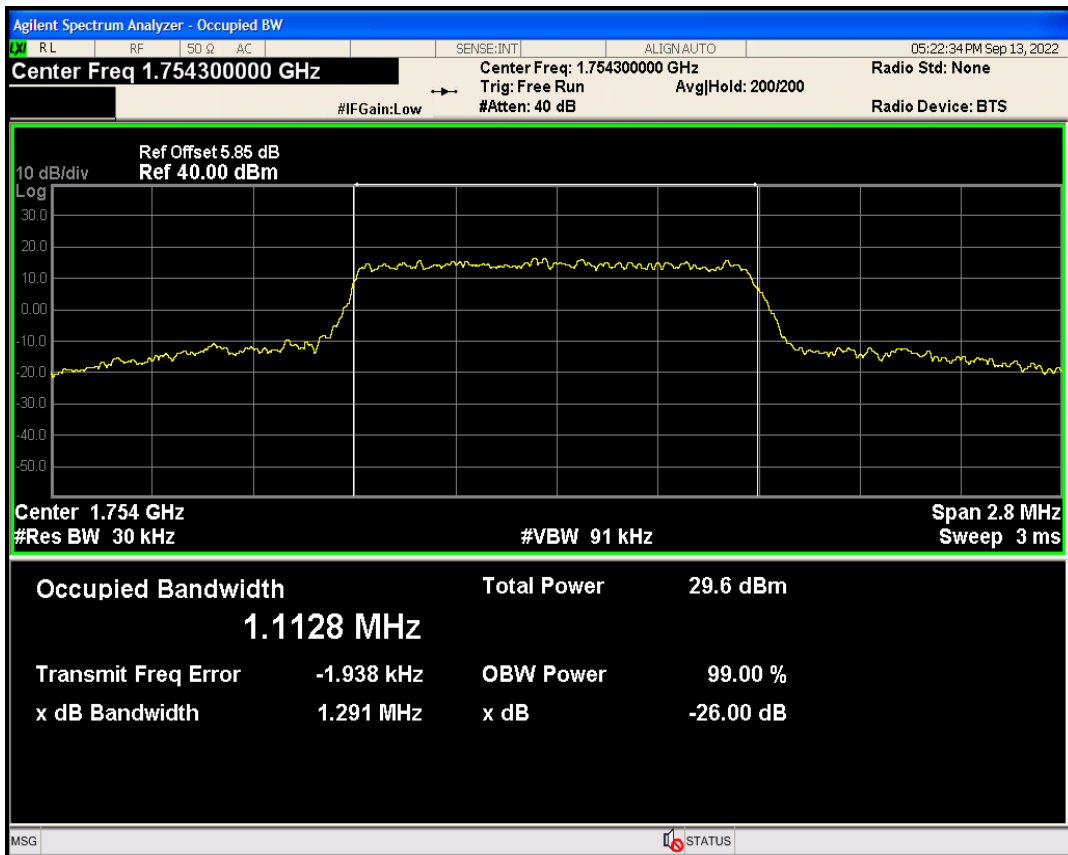
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0

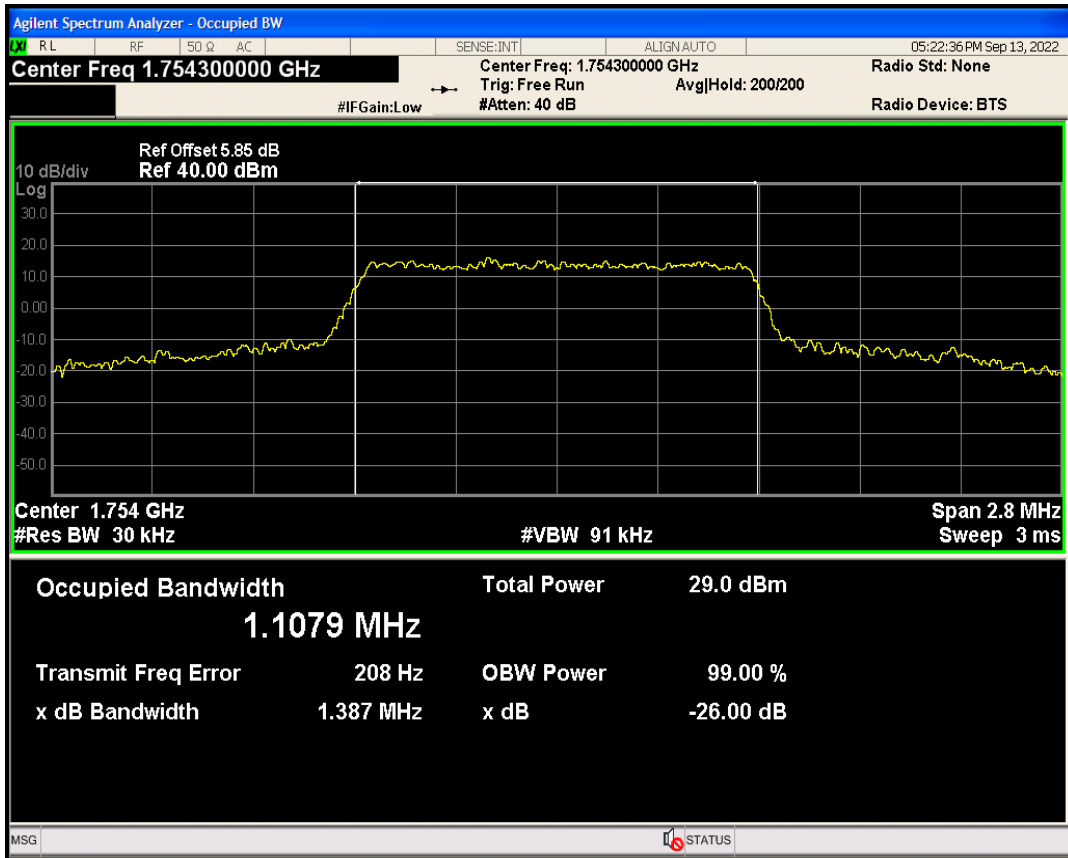


Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0

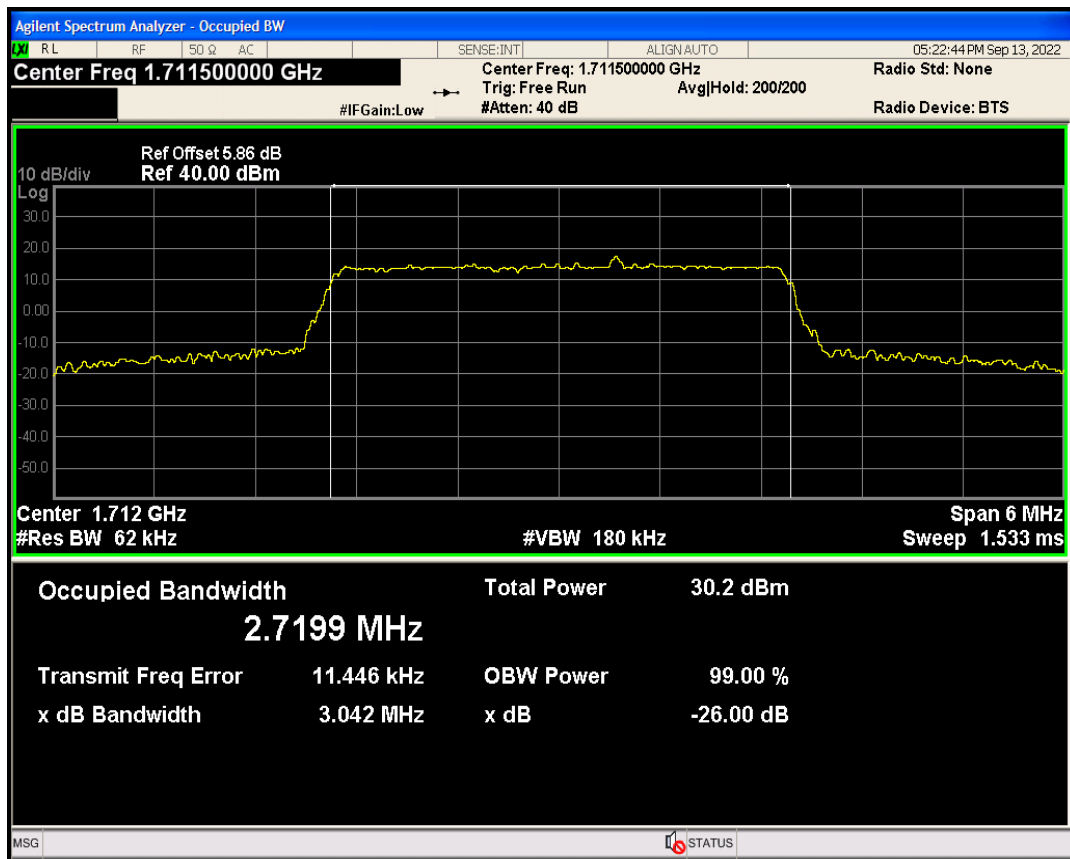




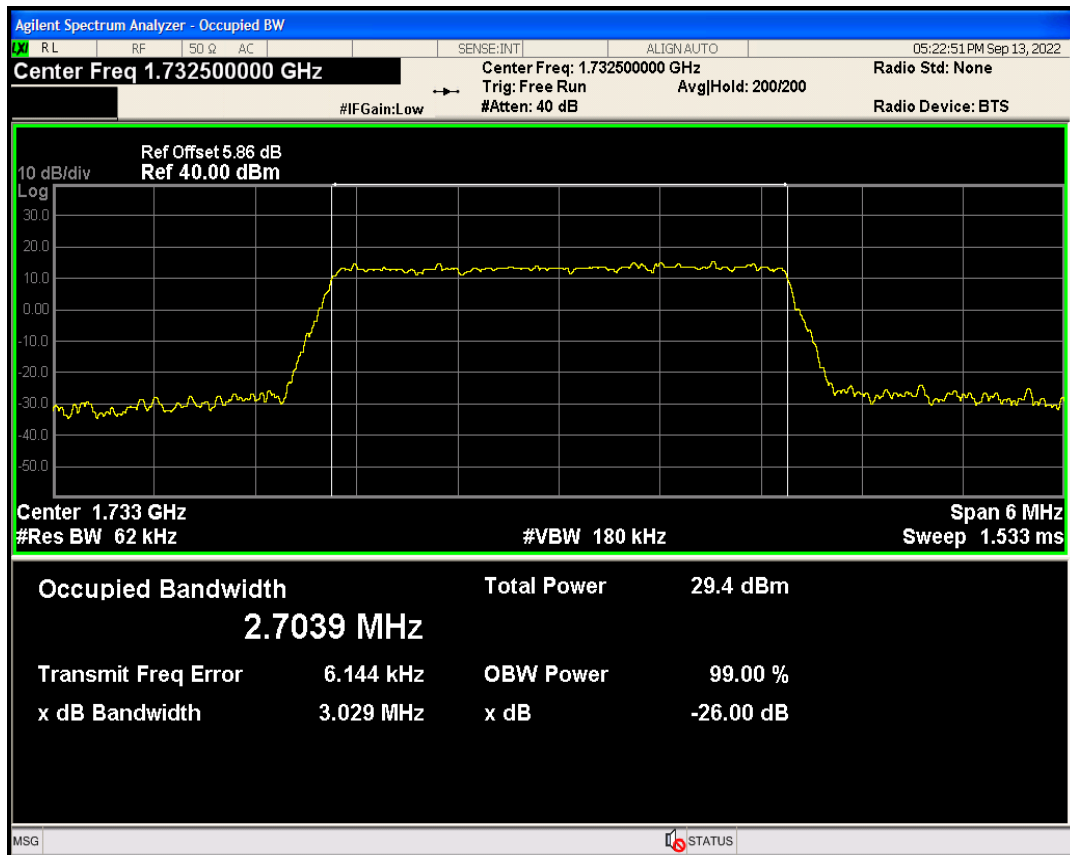
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



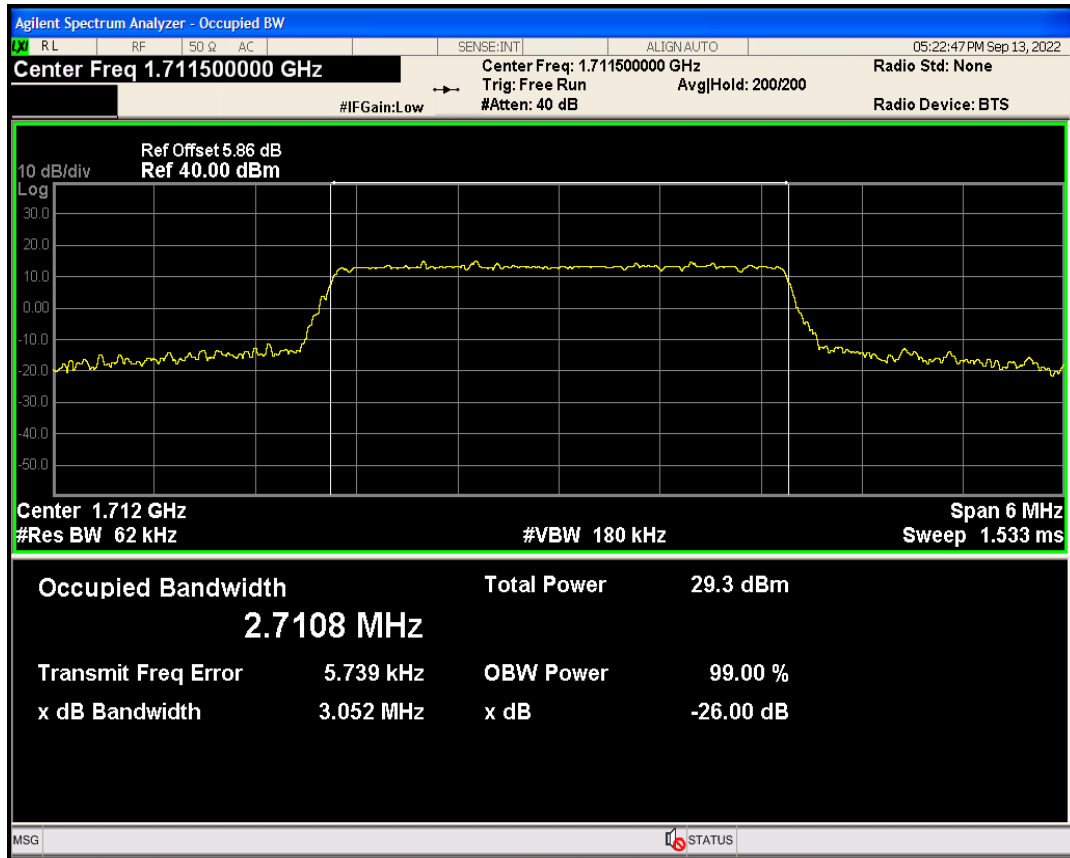
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



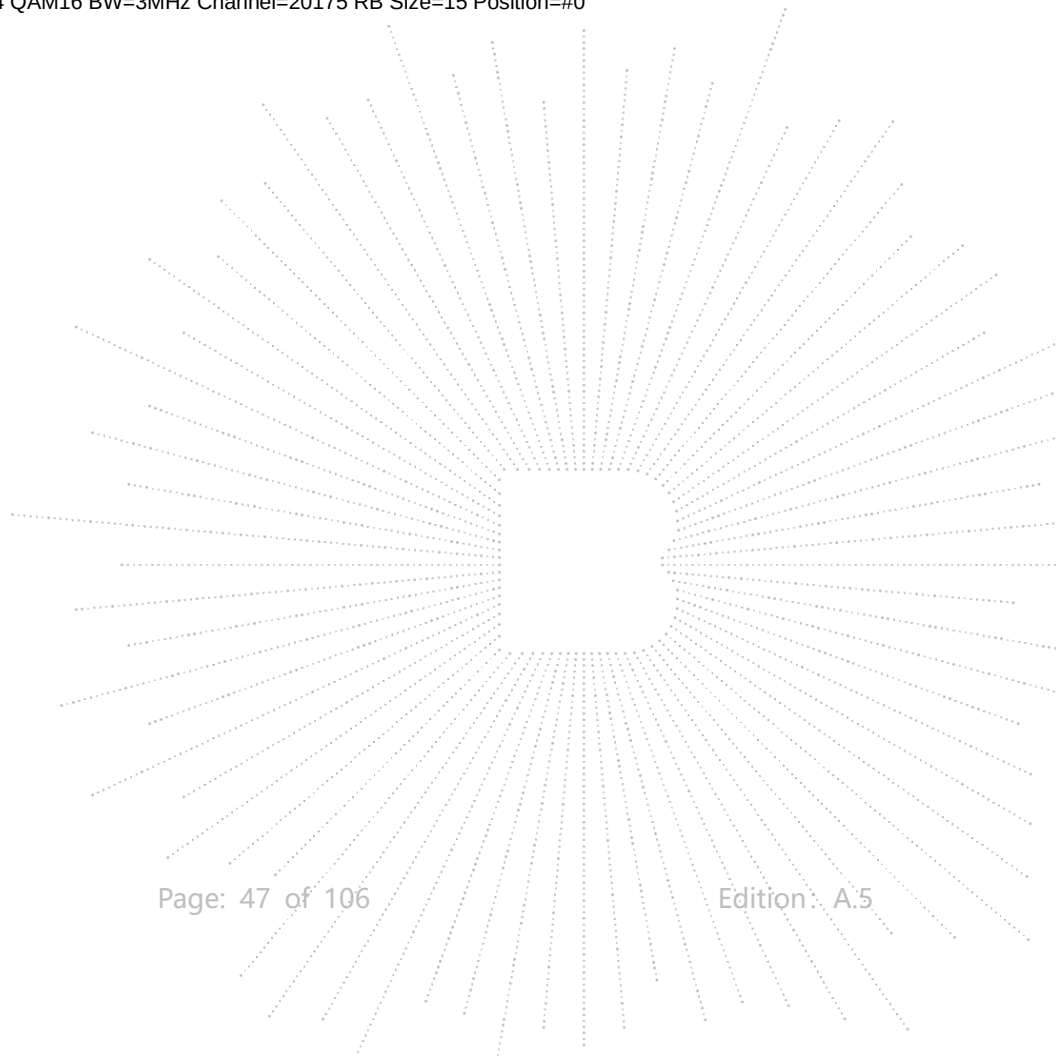
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0

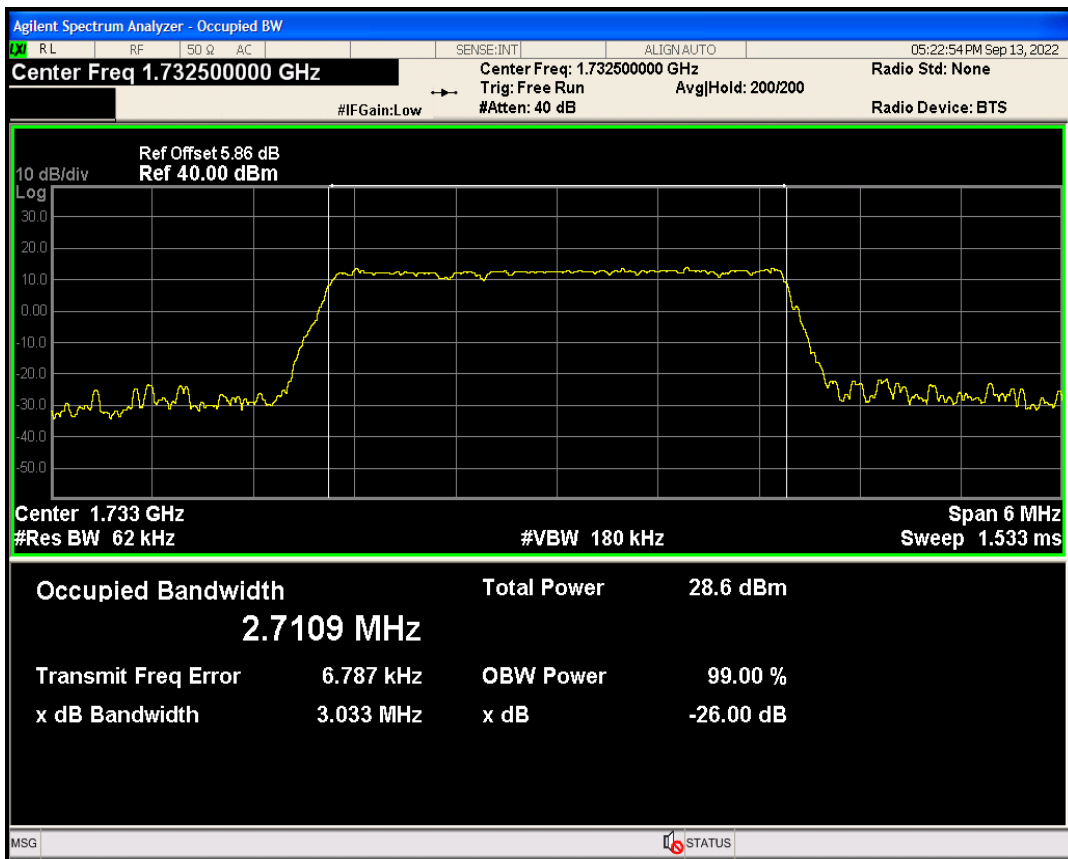


Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0

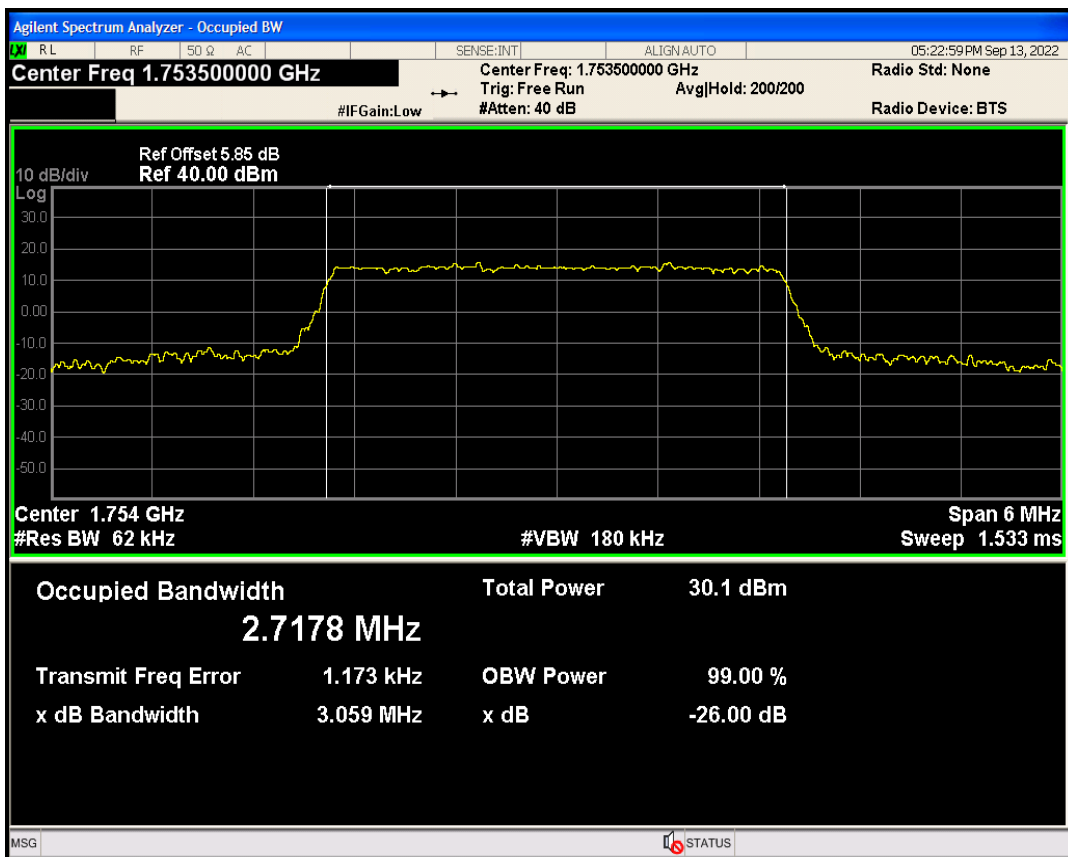


Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0

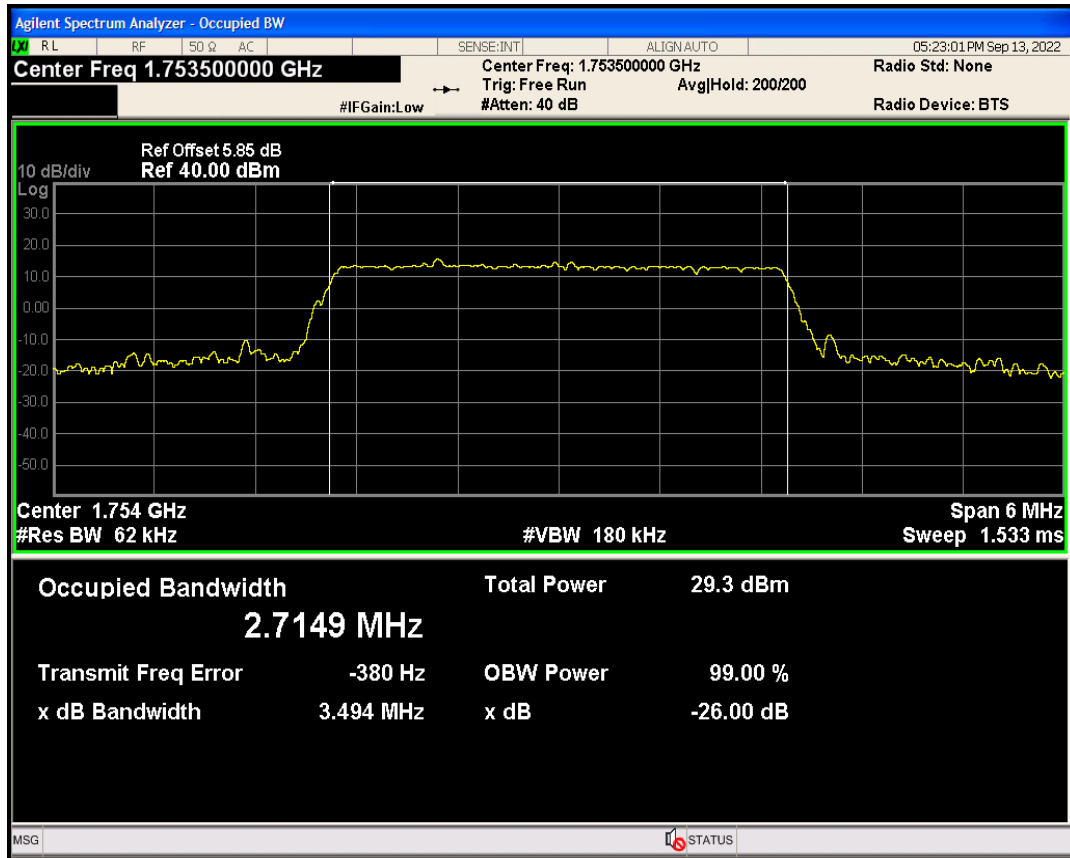




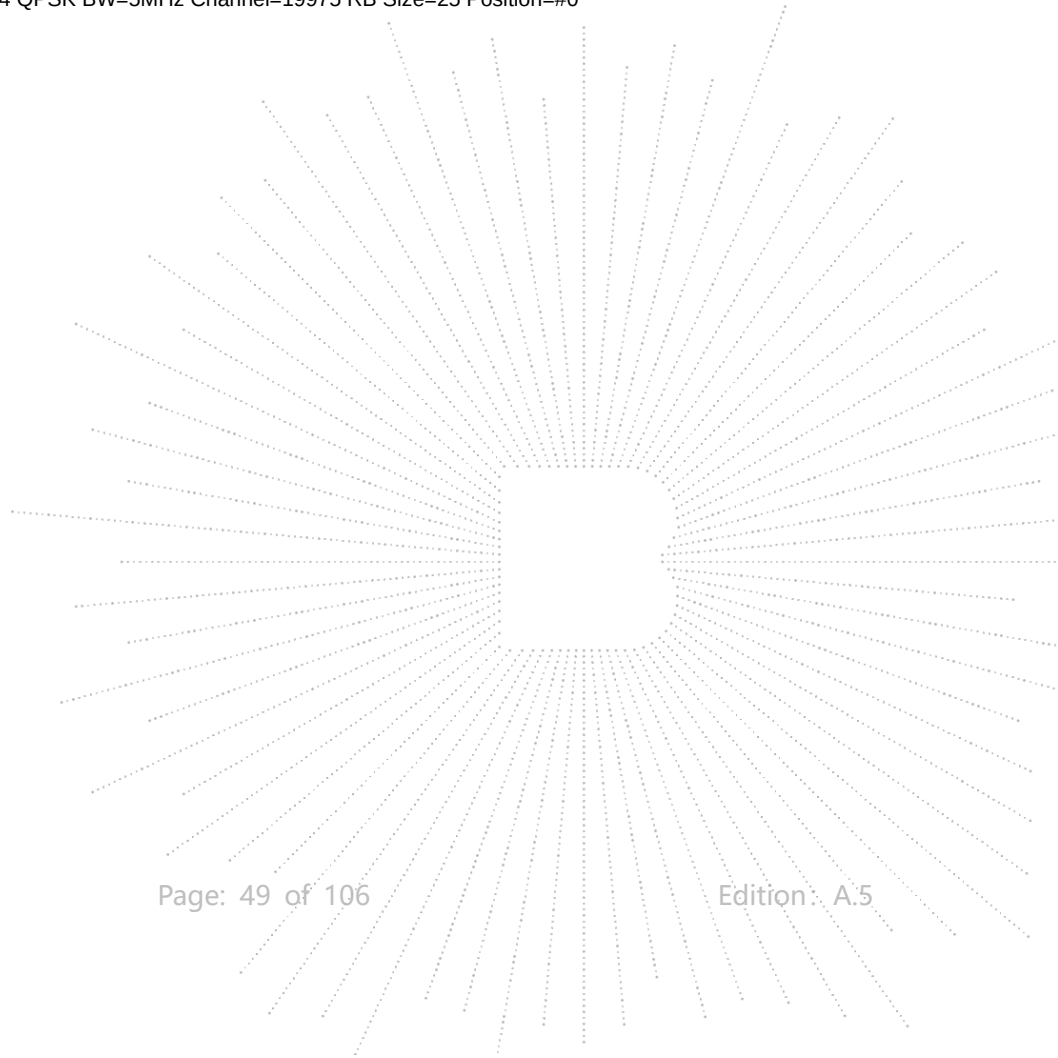
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0

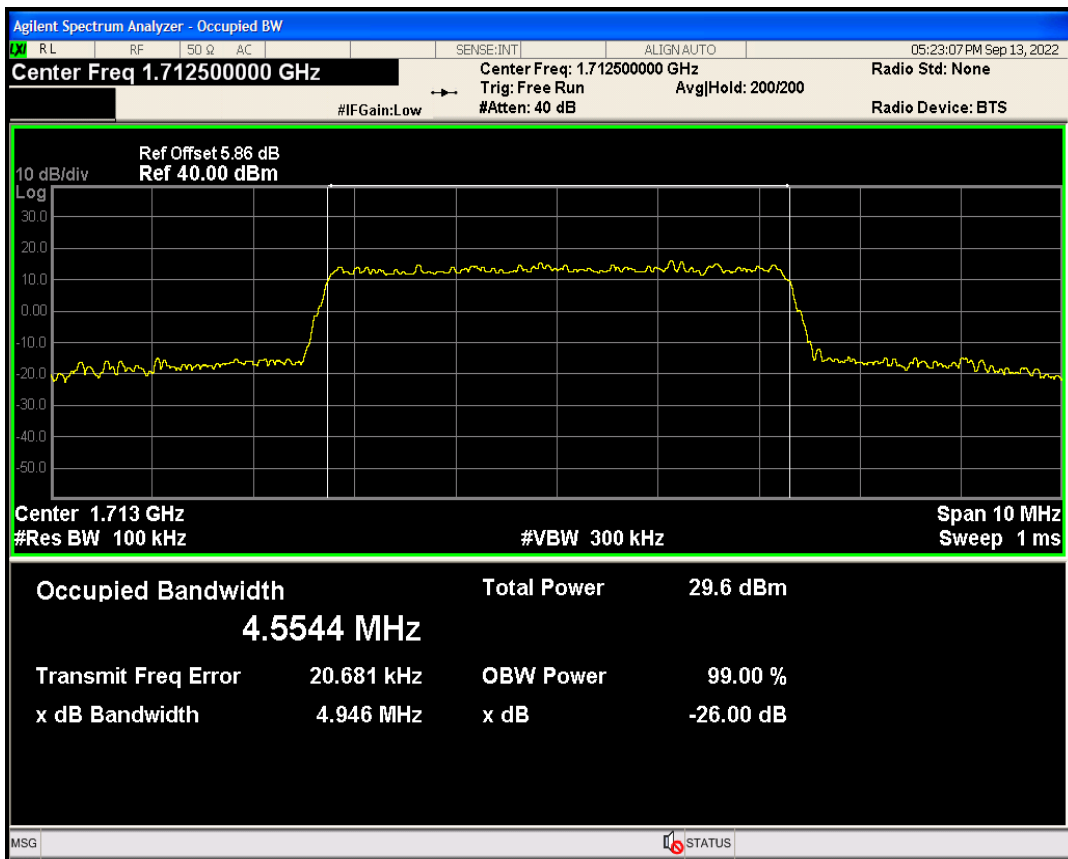


Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0

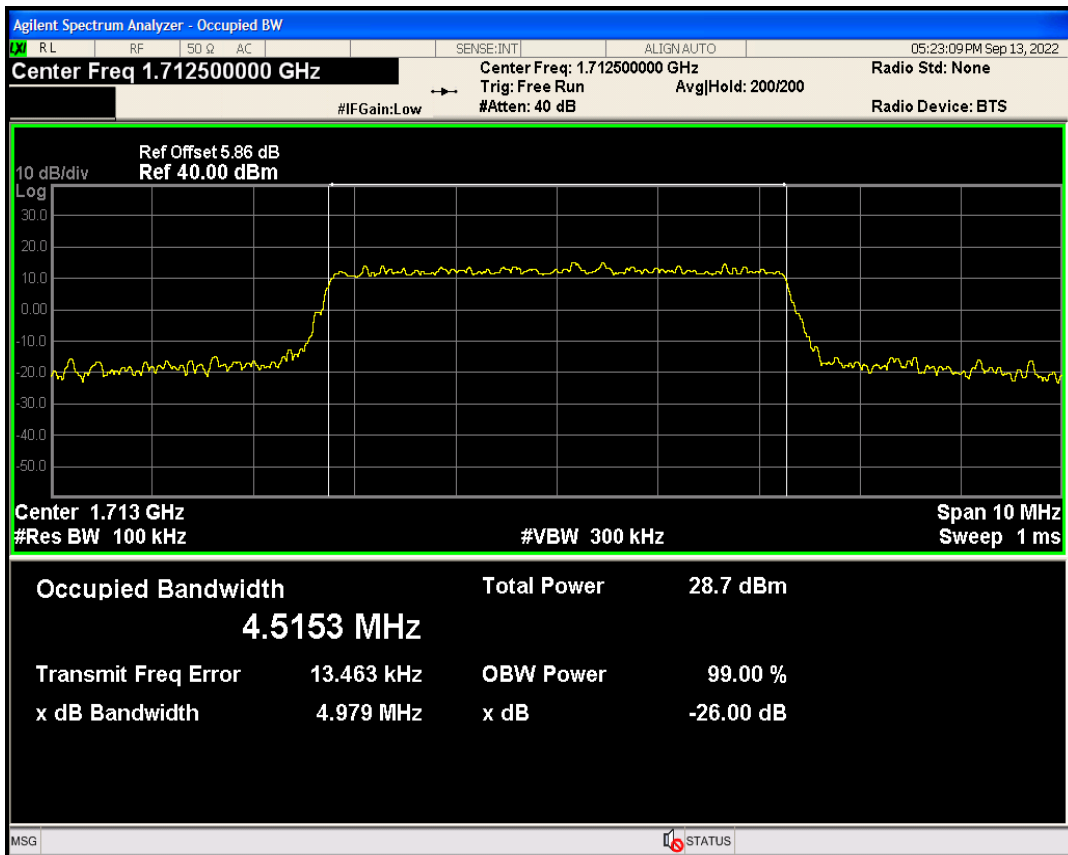


Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0

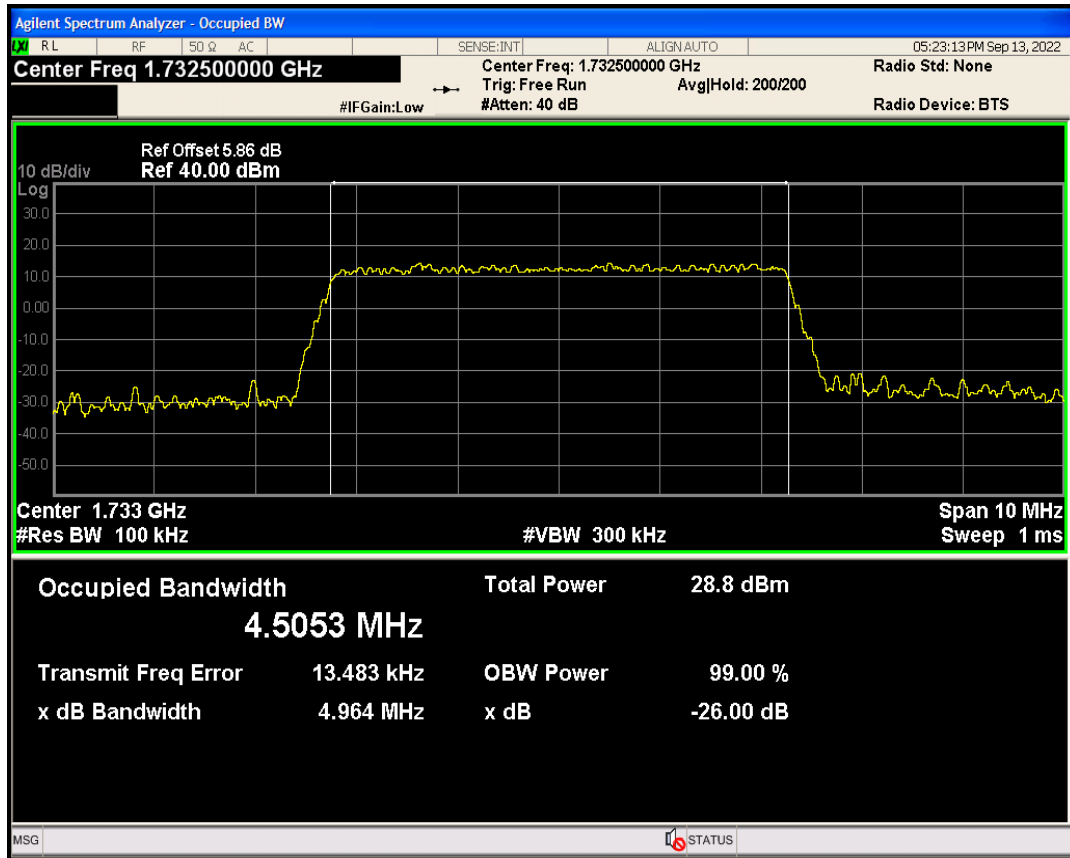




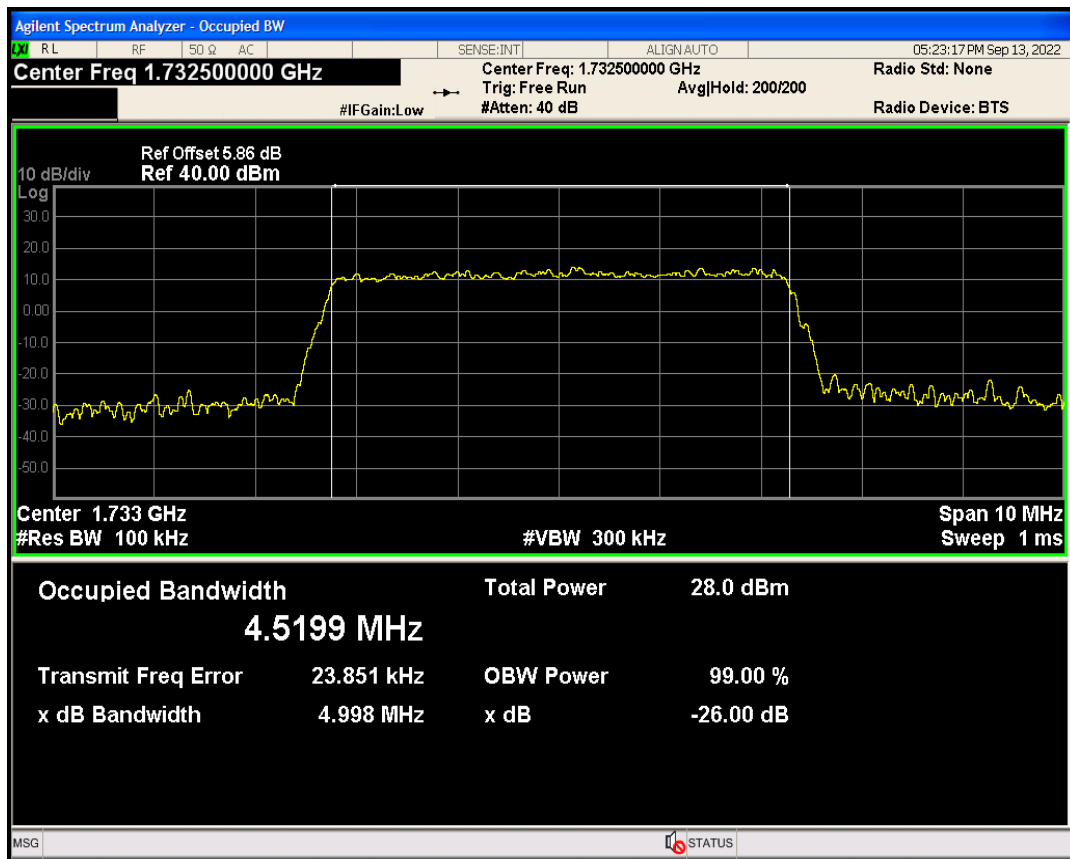
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



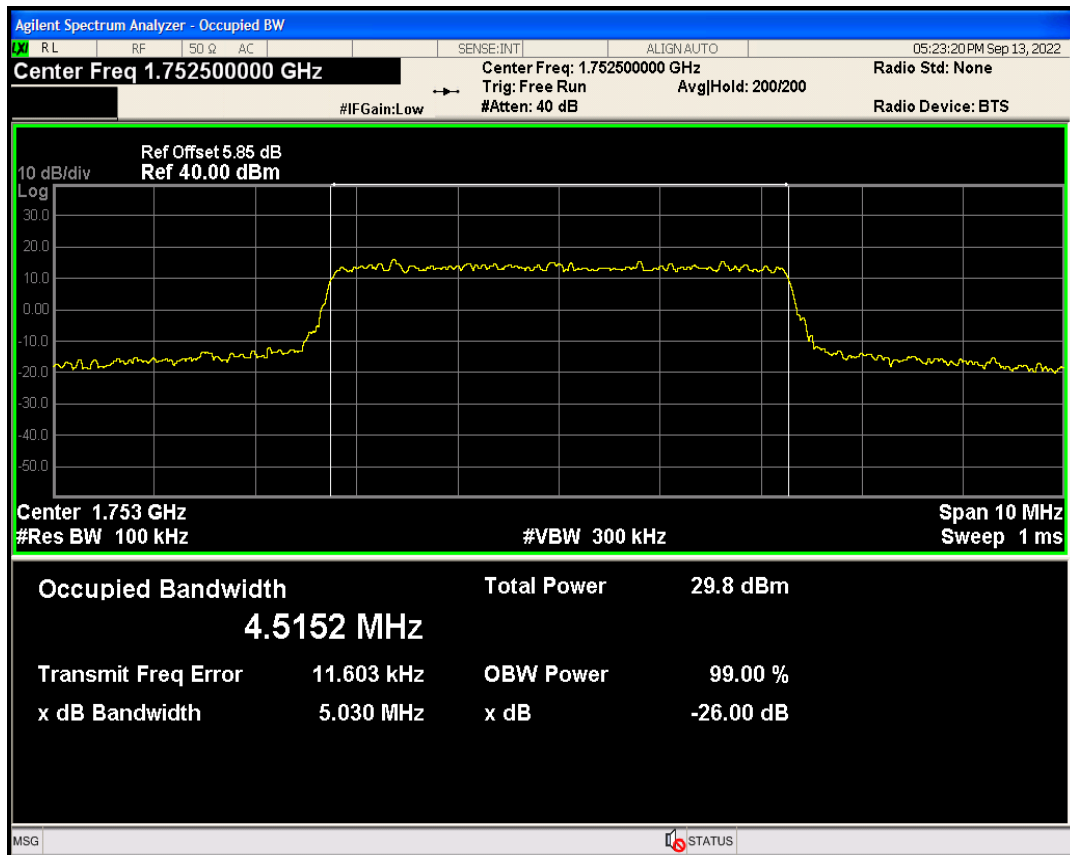
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0

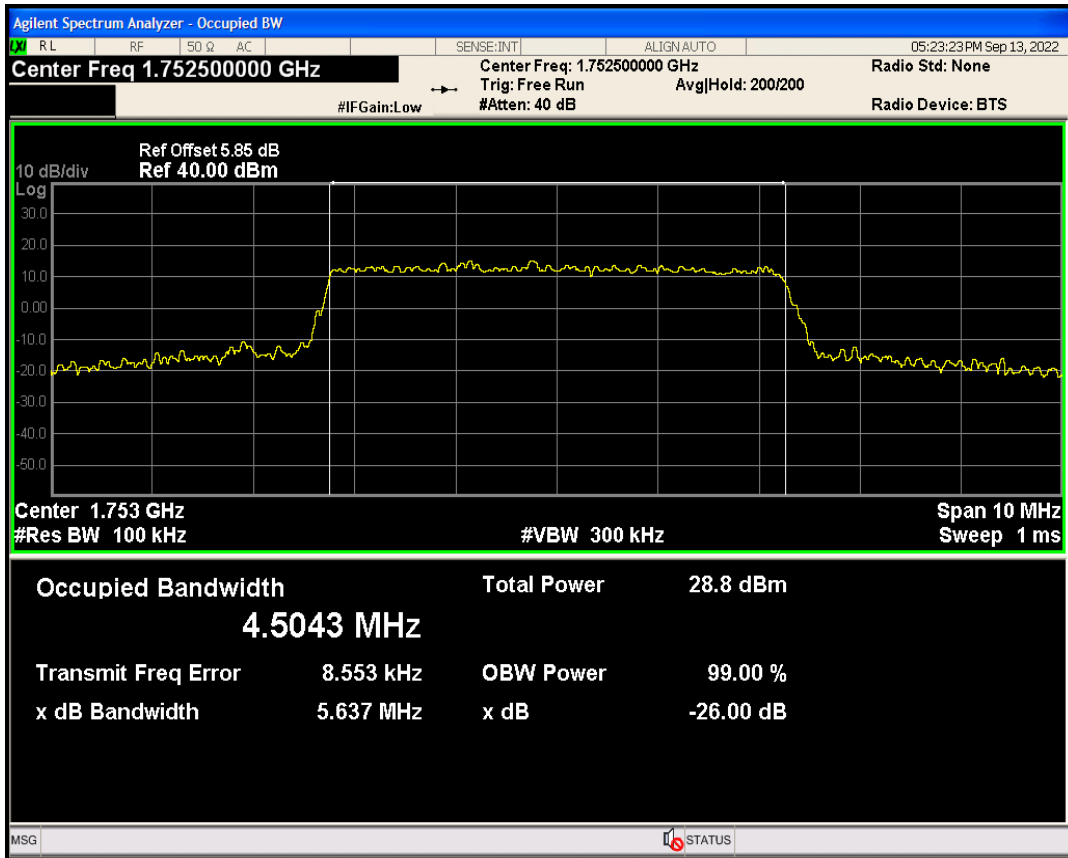


Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0

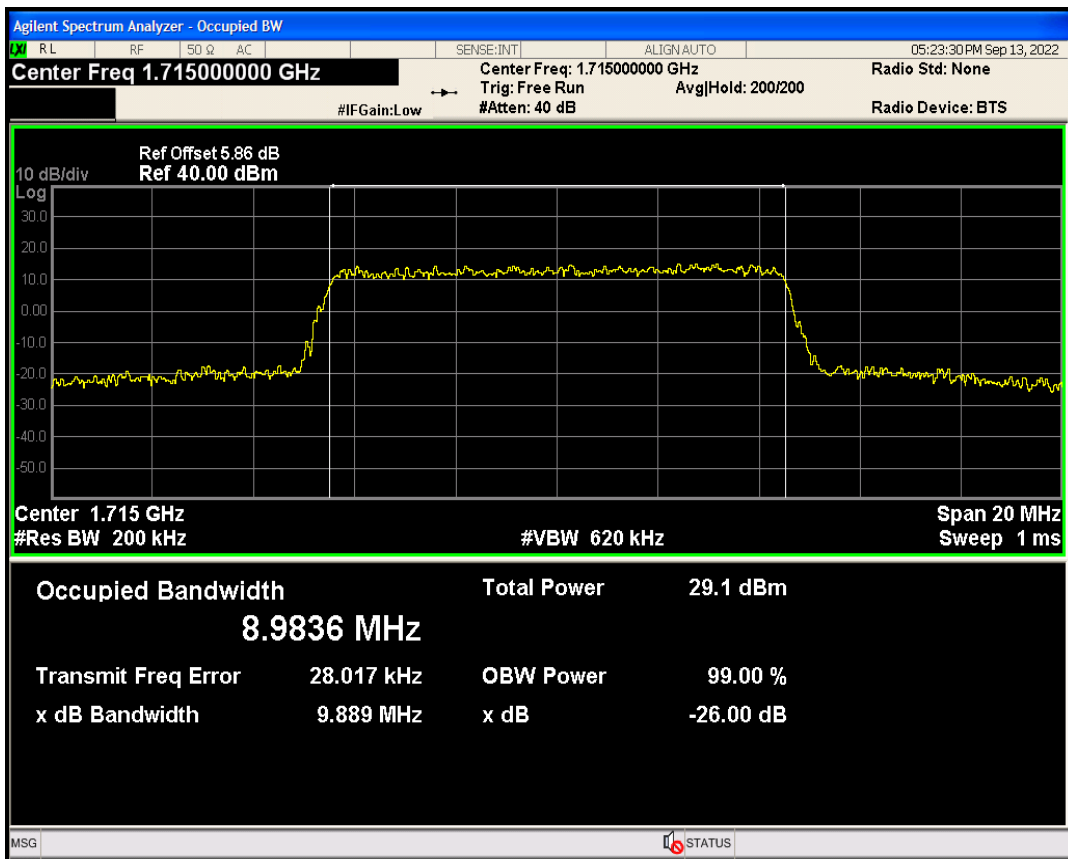




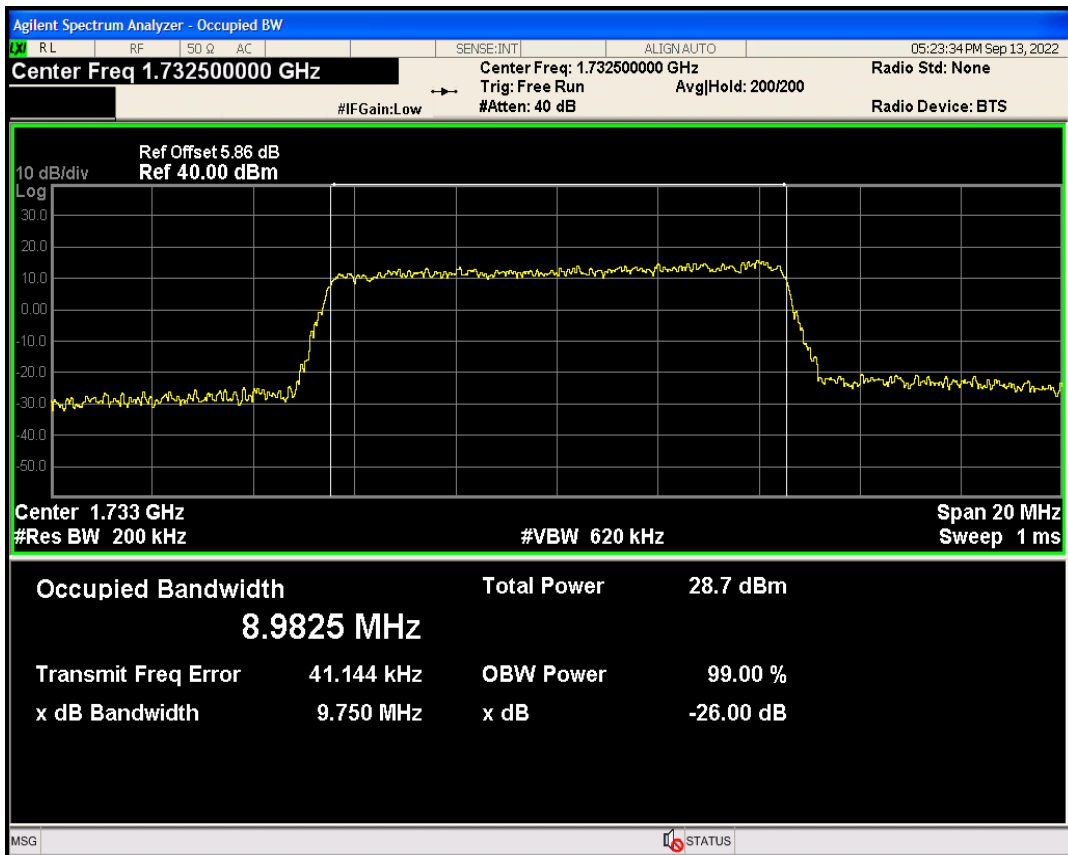
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



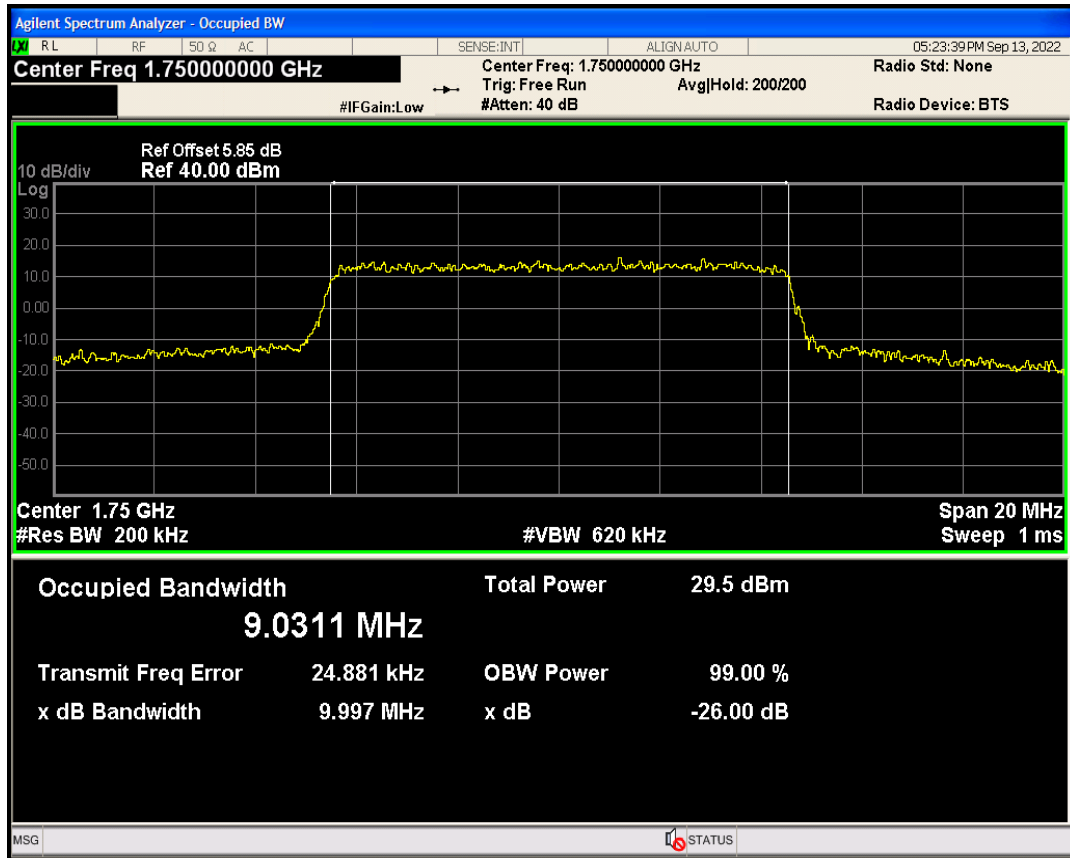
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



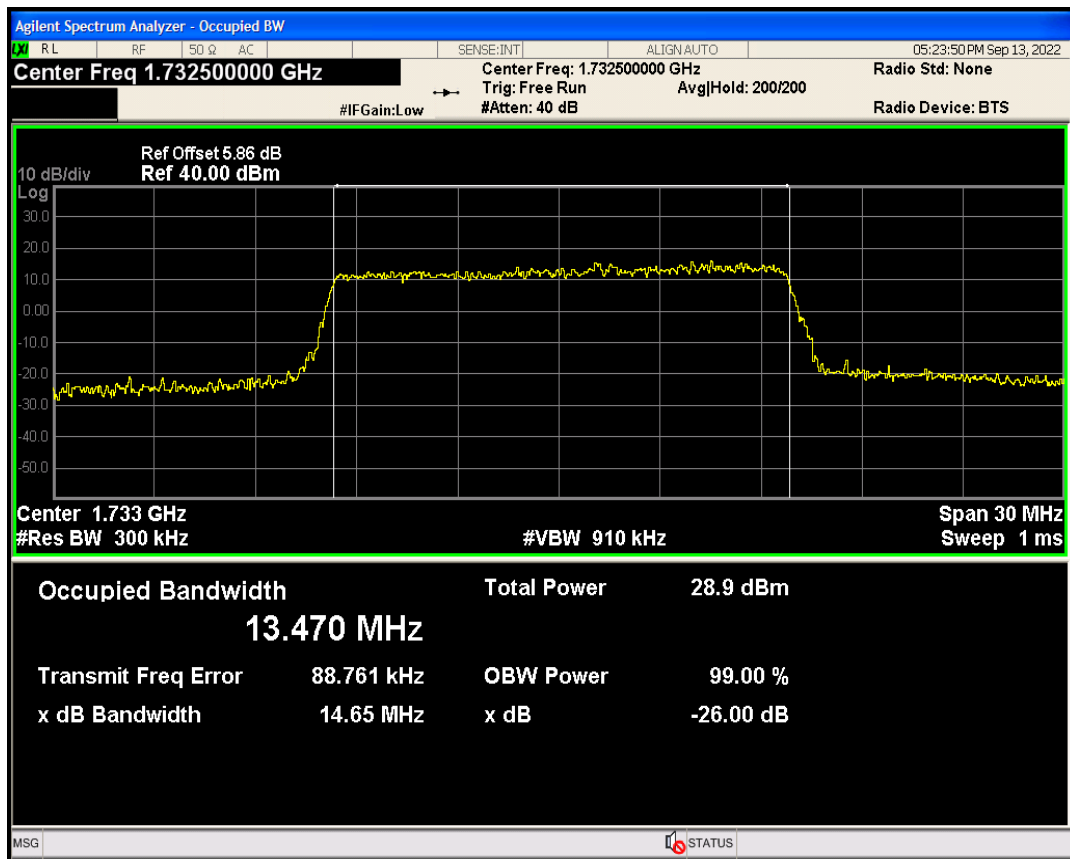
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



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



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



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

