

TEST REPORT

Report No.: BCTC2205535730-2E

Applicant: UMOVAL IoT Technology Co., Ltd

Product Name: 3G/4G LTE Solar Security PTZ Cameras

Model/Type
reference: UM-Q6-4G

Tested Date: 2022-05-26 to 2022-06-30

Issued Date: 2022-06-30

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 (dBi)	EIRP (dBm)	Verdict
Band66	1.4	131979	1	#0	QPSK	21.71	5	26.71	PASS
Band66	1.4	131979	1	#Mid	QPSK	21.75	5	26.75	PASS
Band66	1.4	131979	1	#Max	QPSK	21.58	5	26.58	PASS
Band66	1.4	131979	3	#0	QPSK	21.52	5	26.52	PASS
Band66	1.4	131979	3	#Mid	QPSK	21.62	5	26.62	PASS
Band66	1.4	131979	3	#Max	QPSK	21.52	5	26.52	PASS
Band66	1.4	131979	6	#0	QPSK	20.47	5	25.47	PASS
Band66	1.4	131979	1	#0	QAM16	20.22	5	25.22	PASS
Band66	1.4	131979	1	#Mid	QAM16	20.31	5	25.31	PASS
Band66	1.4	131979	1	#Max	QAM16	20.08	5	25.08	PASS
Band66	1.4	131979	3	#0	QAM16	20.58	5	25.58	PASS
Band66	1.4	131979	3	#Mid	QAM16	20.63	5	25.63	PASS
Band66	1.4	131979	3	#Max	QAM16	20.52	5	25.52	PASS
Band66	1.4	131979	6	#0	QAM16	19.70	5	24.70	PASS
Band66	1.4	132322	1	#0	QPSK	21.96	5	26.96	PASS
Band66	1.4	132322	1	#Mid	QPSK	22.32	5	27.32	PASS
Band66	1.4	132322	1	#Max	QPSK	22.10	5	27.10	PASS
Band66	1.4	132322	3	#0	QPSK	21.87	5	26.87	PASS
Band66	1.4	132322	3	#Mid	QPSK	21.90	5	26.90	PASS
Band66	1.4	132322	3	#Max	QPSK	21.85	5	26.85	PASS
Band66	1.4	132322	6	#0	QPSK	20.85	5	25.85	PASS
Band66	1.4	132322	1	#0	QAM16	21.07	5	26.07	PASS
Band66	1.4	132322	1	#Mid	QAM16	21.20	5	26.20	PASS
Band66	1.4	132322	1	#Max	QAM16	21.04	5	26.04	PASS
Band66	1.4	132322	3	#0	QAM16	21.06	5	26.06	PASS
Band66	1.4	132322	3	#Mid	QAM16	21.04	5	26.04	PASS
Band66	1.4	132322	3	#Max	QAM16	21.04	5	26.04	PASS
Band66	1.4	132322	6	#0	QAM16	20.01	5	25.01	PASS
Band66	1.4	132665	1	#0	QPSK	21.28	5	26.28	PASS
Band66	1.4	132665	1	#Mid	QPSK	21.35	5	26.35	PASS
Band66	1.4	132665	1	#Max	QPSK	21.16	5	26.16	PASS
Band66	1.4	132665	3	#0	QPSK	21.50	5	26.50	PASS
Band66	1.4	132665	3	#Mid	QPSK	21.41	5	26.41	PASS
Band66	1.4	132665	3	#Max	QPSK	21.46	5	26.46	PASS
Band66	1.4	132665	6	#0	QPSK	20.36	5	25.36	PASS
Band66	1.4	132665	1	#0	QAM16	20.22	5	25.22	PASS
Band66	1.4	132665	1	#Mid	QAM16	20.18	5	25.18	PASS



Band66	1.4	132665	1	#Max	QAM16	20.04	5	25.04	PASS
Band66	1.4	132665	3	#0	QAM16	20.32	5	25.32	PASS
Band66	1.4	132665	3	#Mid	QAM16	20.33	5	25.33	PASS
Band66	1.4	132665	3	#Max	QAM16	20.37	5	25.37	PASS
Band66	1.4	132665	6	#0	QAM16	19.66	5	24.66	PASS
Band66	3	131987	1	#0	QPSK	21.63	5	26.63	PASS
Band66	3	131987	1	#Mid	QPSK	21.51	5	26.51	PASS
Band66	3	131987	1	#Max	QPSK	21.41	5	26.41	PASS
Band66	3	131987	8	#0	QPSK	20.47	5	25.47	PASS
Band66	3	131987	8	#Mid	QPSK	20.41	5	25.41	PASS
Band66	3	131987	8	#Max	QPSK	20.27	5	25.27	PASS
Band66	3	131987	15	#0	QPSK	20.45	5	25.45	PASS
Band66	3	131987	1	#0	QAM16	21.05	5	26.05	PASS
Band66	3	131987	1	#Mid	QAM16	20.83	5	25.83	PASS
Band66	3	131987	1	#Max	QAM16	20.65	5	25.65	PASS
Band66	3	131987	8	#0	QAM16	19.40	5	24.40	PASS
Band66	3	131987	8	#Mid	QAM16	19.44	5	24.44	PASS
Band66	3	131987	8	#Max	QAM16	19.47	5	24.47	PASS
Band66	3	131987	15	#0	QAM16	19.49	5	24.49	PASS
Band66	3	132322	1	#0	QPSK	21.76	5	26.76	PASS
Band66	3	132322	1	#Mid	QPSK	21.83	5	26.83	PASS
Band66	3	132322	1	#Max	QPSK	21.77	5	26.77	PASS
Band66	3	132322	8	#0	QPSK	20.86	5	25.86	PASS
Band66	3	132322	8	#Mid	QPSK	20.80	5	25.80	PASS
Band66	3	132322	8	#Max	QPSK	20.73	5	25.73	PASS
Band66	3	132322	15	#0	QPSK	20.83	5	25.83	PASS
Band66	3	132322	1	#0	QAM16	20.47	5	25.47	PASS
Band66	3	132322	1	#Mid	QAM16	20.62	5	25.62	PASS
Band66	3	132322	1	#Max	QAM16	20.53	5	25.53	PASS
Band66	3	132322	8	#0	QAM16	19.74	5	24.74	PASS
Band66	3	132322	8	#Mid	QAM16	19.77	5	24.77	PASS
Band66	3	132322	8	#Max	QAM16	19.71	5	24.71	PASS
Band66	3	132322	15	#0	QAM16	19.79	5	24.79	PASS
Band66	3	132657	1	#0	QPSK	21.51	5	26.51	PASS
Band66	3	132657	1	#Mid	QPSK	21.46	5	26.46	PASS
Band66	3	132657	1	#Max	QPSK	21.42	5	26.42	PASS
Band66	3	132657	8	#0	QPSK	20.47	5	25.47	PASS
Band66	3	132657	8	#Mid	QPSK	20.45	5	25.45	PASS
Band66	3	132657	8	#Max	QPSK	20.44	5	25.44	PASS
Band66	3	132657	15	#0	QPSK	20.50	5	25.50	PASS
Band66	3	132657	1	#0	QAM16	20.56	5	25.56	PASS
Band66	3	132657	1	#Mid	QAM16	20.25	5	25.25	PASS
Band66	3	132657	1	#Max	QAM16	20.13	5	25.13	PASS



Band66	3	132657	8	#0	QAM16	19.61	5	24.61	PASS
Band66	3	132657	8	#Mid	QAM16	19.47	5	24.47	PASS
Band66	3	132657	8	#Max	QAM16	19.42	5	24.42	PASS
Band66	3	132657	15	#0	QAM16	19.60	5	24.60	PASS
Band66	5	131997	1	#0	QPSK	21.50	5	26.50	PASS
Band66	5	131997	1	#Mid	QPSK	21.53	5	26.53	PASS
Band66	5	131997	1	#Max	QPSK	21.34	5	26.34	PASS
Band66	5	131997	12	#0	QPSK	20.48	5	25.48	PASS
Band66	5	131997	12	#Mid	QPSK	20.35	5	25.35	PASS
Band66	5	131997	12	#Max	QPSK	20.31	5	25.31	PASS
Band66	5	131997	25	#0	QPSK	20.39	5	25.39	PASS
Band66	5	131997	1	#0	QAM16	20.51	5	25.51	PASS
Band66	5	131997	1	#Mid	QAM16	20.43	5	25.43	PASS
Band66	5	131997	1	#Max	QAM16	20.21	5	25.21	PASS
Band66	5	131997	12	#0	QAM16	19.48	5	24.48	PASS
Band66	5	131997	12	#Mid	QAM16	19.26	5	24.26	PASS
Band66	5	131997	12	#Max	QAM16	19.13	5	24.13	PASS
Band66	5	131997	25	#0	QAM16	19.44	5	24.44	PASS
Band66	5	132322	1	#0	QPSK	21.76	5	26.76	PASS
Band66	5	132322	1	#Mid	QPSK	21.66	5	26.66	PASS
Band66	5	132322	1	#Max	QPSK	21.61	5	26.61	PASS
Band66	5	132322	12	#0	QPSK	20.93	5	25.93	PASS
Band66	5	132322	12	#Mid	QPSK	20.75	5	25.75	PASS
Band66	5	132322	12	#Max	QPSK	20.70	5	25.70	PASS
Band66	5	132322	25	#0	QPSK	20.82	5	25.82	PASS
Band66	5	132322	1	#0	QAM16	20.65	5	25.65	PASS
Band66	5	132322	1	#Mid	QAM16	20.12	5	25.12	PASS
Band66	5	132322	1	#Max	QAM16	20.15	5	25.15	PASS
Band66	5	132322	12	#0	QAM16	19.68	5	24.68	PASS
Band66	5	132322	12	#Mid	QAM16	19.69	5	24.69	PASS
Band66	5	132322	12	#Max	QAM16	19.56	5	24.56	PASS
Band66	5	132322	25	#0	QAM16	19.84	5	24.84	PASS
Band66	5	132647	1	#0	QPSK	21.45	5	26.45	PASS
Band66	5	132647	1	#Mid	QPSK	21.67	5	26.67	PASS
Band66	5	132647	1	#Max	QPSK	21.36	5	26.36	PASS
Band66	5	132647	12	#0	QPSK	20.57	5	25.57	PASS
Band66	5	132647	12	#Mid	QPSK	20.38	5	25.38	PASS
Band66	5	132647	12	#Max	QPSK	20.40	5	25.40	PASS
Band66	5	132647	25	#0	QPSK	20.48	5	25.48	PASS
Band66	5	132647	1	#0	QAM16	20.42	5	25.42	PASS
Band66	5	132647	1	#Mid	QAM16	20.15	5	25.15	PASS
Band66	5	132647	1	#Max	QAM16	19.82	5	24.82	PASS
Band66	5	132647	12	#0	QAM16	19.68	5	24.68	PASS



Band66	5	132647	12	#Mid	QAM16	19.55	5	24.55	PASS
Band66	5	132647	12	#Max	QAM16	19.48	5	24.48	PASS
Band66	5	132647	25	#0	QAM16	19.59	5	24.59	PASS
Band66	10	132022	1	#0	QPSK	21.45	5	26.45	PASS
Band66	10	132022	1	#Mid	QPSK	21.48	5	26.48	PASS
Band66	10	132022	1	#Max	QPSK	21.17	5	26.17	PASS
Band66	10	132022	25	#0	QPSK	20.46	5	25.46	PASS
Band66	10	132022	25	#Mid	QPSK	20.28	5	25.28	PASS
Band66	10	132022	25	#Max	QPSK	20.26	5	25.26	PASS
Band66	10	132022	50	#0	QPSK	20.41	5	25.41	PASS
Band66	10	132022	1	#0	QAM16	20.95	5	25.95	PASS
Band66	10	132022	1	#Mid	QAM16	20.92	5	25.92	PASS
Band66	10	132022	1	#Max	QAM16	20.61	5	25.61	PASS
Band66	10	132022	25	#0	QAM16	19.56	5	24.56	PASS
Band66	10	132022	25	#Mid	QAM16	19.28	5	24.28	PASS
Band66	10	132022	25	#Max	QAM16	19.27	5	24.27	PASS
Band66	10	132022	50	#0	QAM16	19.40	5	24.40	PASS
Band66	10	132322	1	#0	QPSK	21.89	5	26.89	PASS
Band66	10	132322	1	#Mid	QPSK	21.85	5	26.85	PASS
Band66	10	132322	1	#Max	QPSK	21.65	5	26.65	PASS
Band66	10	132322	25	#0	QPSK	21.00	5	26.00	PASS
Band66	10	132322	25	#Mid	QPSK	20.75	5	25.75	PASS
Band66	10	132322	25	#Max	QPSK	20.68	5	25.68	PASS
Band66	10	132322	50	#0	QPSK	20.80	5	25.80	PASS
Band66	10	132322	1	#0	QAM16	20.73	5	25.73	PASS
Band66	10	132322	1	#Mid	QAM16	20.48	5	25.48	PASS
Band66	10	132322	1	#Max	QAM16	19.93	5	24.93	PASS
Band66	10	132322	25	#0	QAM16	19.99	5	24.99	PASS
Band66	10	132322	25	#Mid	QAM16	19.83	5	24.83	PASS
Band66	10	132322	25	#Max	QAM16	19.68	5	24.68	PASS
Band66	10	132322	50	#0	QAM16	19.90	5	24.90	PASS
Band66	10	132622	1	#0	QPSK	21.39	5	26.39	PASS
Band66	10	132622	1	#Mid	QPSK	21.95	5	26.95	PASS
Band66	10	132622	1	#Max	QPSK	21.32	5	26.32	PASS
Band66	10	132622	25	#0	QPSK	20.53	5	25.53	PASS
Band66	10	132622	25	#Mid	QPSK	20.54	5	25.54	PASS
Band66	10	132622	25	#Max	QPSK	20.37	5	25.37	PASS
Band66	10	132622	50	#0	QPSK	20.49	5	25.49	PASS
Band66	10	132622	1	#0	QAM16	20.24	5	25.24	PASS
Band66	10	132622	1	#Mid	QAM16	20.56	5	25.56	PASS
Band66	10	132622	1	#Max	QAM16	19.86	5	24.86	PASS
Band66	10	132622	25	#0	QAM16	19.52	5	24.52	PASS
Band66	10	132622	25	#Mid	QAM16	19.56	5	24.56	PASS



Band66	10	132622	25	#Max	QAM16	19.34	5	24.34	PASS
Band66	10	132622	50	#0	QAM16	19.49	5	24.49	PASS
Band66	15	132047	1	#0	QPSK	21.67	5	26.67	PASS
Band66	15	132047	1	#Mid	QPSK	21.25	5	26.25	PASS
Band66	15	132047	1	#Max	QPSK	21.25	5	26.25	PASS
Band66	15	132047	36	#0	QPSK	20.50	5	25.50	PASS
Band66	15	132047	36	#Mid	QPSK	20.24	5	25.24	PASS
Band66	15	132047	36	#Max	QPSK	20.23	5	25.23	PASS
Band66	15	132047	75	#0	QPSK	20.41	5	25.41	PASS
Band66	15	132047	1	#0	QAM16	21.00	5	26.00	PASS
Band66	15	132047	1	#Mid	QAM16	20.66	5	25.66	PASS
Band66	15	132047	1	#Max	QAM16	20.59	5	25.59	PASS
Band66	15	132047	36	#0	QAM16	19.52	5	24.52	PASS
Band66	15	132047	36	#Mid	QAM16	19.29	5	24.29	PASS
Band66	15	132047	36	#Max	QAM16	19.22	5	24.22	PASS
Band66	15	132047	75	#0	QAM16	19.38	5	24.38	PASS
Band66	15	132322	1	#0	QPSK	21.91	5	26.91	PASS
Band66	15	132322	1	#Mid	QPSK	22.03	5	27.03	PASS
Band66	15	132322	1	#Max	QPSK	21.56	5	26.56	PASS
Band66	15	132322	36	#0	QPSK	20.96	5	25.96	PASS
Band66	15	132322	36	#Mid	QPSK	20.69	5	25.69	PASS
Band66	15	132322	36	#Max	QPSK	20.68	5	25.68	PASS
Band66	15	132322	75	#0	QPSK	20.82	5	25.82	PASS
Band66	15	132322	1	#0	QAM16	20.79	5	25.79	PASS
Band66	15	132322	1	#Mid	QAM16	20.83	5	25.83	PASS
Band66	15	132322	1	#Max	QAM16	19.96	5	24.96	PASS
Band66	15	132322	36	#0	QAM16	20.09	5	25.09	PASS
Band66	15	132322	36	#Mid	QAM16	19.93	5	24.93	PASS
Band66	15	132322	36	#Max	QAM16	19.85	5	24.85	PASS
Band66	15	132322	75	#0	QAM16	19.90	5	24.90	PASS
Band66	15	132597	1	#0	QPSK	21.26	5	26.26	PASS
Band66	15	132597	1	#Mid	QPSK	21.76	5	26.76	PASS
Band66	15	132597	1	#Max	QPSK	21.29	5	26.29	PASS
Band66	15	132597	36	#0	QPSK	20.43	5	25.43	PASS
Band66	15	132597	36	#Mid	QPSK	20.54	5	25.54	PASS
Band66	15	132597	36	#Max	QPSK	20.40	5	25.40	PASS
Band66	15	132597	75	#0	QPSK	20.36	5	25.36	PASS
Band66	15	132597	1	#0	QAM16	20.58	5	25.58	PASS
Band66	15	132597	1	#Mid	QAM16	21.10	5	26.10	PASS
Band66	15	132597	1	#Max	QAM16	20.33	5	25.33	PASS
Band66	15	132597	36	#0	QAM16	19.38	5	24.38	PASS
Band66	15	132597	36	#Mid	QAM16	19.60	5	24.60	PASS
Band66	15	132597	36	#Max	QAM16	19.40	5	24.40	PASS



Band66	15	132597	75	#0	QAM16	19.46	5	24.46	PASS
Band66	20	132072	1	#0	QPSK	21.40	5	26.40	PASS
Band66	20	132072	1	#Mid	QPSK	21.11	5	26.11	PASS
Band66	20	132072	1	#Max	QPSK	21.48	5	26.48	PASS
Band66	20	132072	50	#0	QPSK	20.34	5	25.34	PASS
Band66	20	132072	50	#Mid	QPSK	20.28	5	25.28	PASS
Band66	20	132072	50	#Max	QPSK	20.34	5	25.34	PASS
Band66	20	132072	100	#0	QPSK	20.27	5	25.27	PASS
Band66	20	132072	1	#0	QAM16	20.35	5	25.35	PASS
Band66	20	132072	1	#Mid	QAM16	19.73	5	24.73	PASS
Band66	20	132072	1	#Max	QAM16	20.32	5	25.32	PASS
Band66	20	132072	50	#0	QAM16	19.37	5	24.37	PASS
Band66	20	132072	50	#Mid	QAM16	19.31	5	24.31	PASS
Band66	20	132072	50	#Max	QAM16	19.37	5	24.37	PASS
Band66	20	132072	100	#0	QAM16	19.36	5	24.36	PASS
Band66	20	132322	1	#0	QPSK	21.93	5	26.93	PASS
Band66	20	132322	1	#Mid	QPSK	22.08	5	27.08	PASS
Band66	20	132322	1	#Max	QPSK	22.06	5	27.06	PASS
Band66	20	132322	50	#0	QPSK	21.01	5	26.01	PASS
Band66	20	132322	50	#Mid	QPSK	20.85	5	25.85	PASS
Band66	20	132322	50	#Max	QPSK	20.57	5	25.57	PASS
Band66	20	132322	100	#0	QPSK	20.83	5	25.83	PASS
Band66	20	132322	1	#0	QAM16	21.17	5	26.17	PASS
Band66	20	132322	1	#Mid	QAM16	21.40	5	26.40	PASS
Band66	20	132322	1	#Max	QAM16	20.18	5	25.18	PASS
Band66	20	132322	50	#0	QAM16	19.99	5	24.99	PASS
Band66	20	132322	50	#Mid	QAM16	19.93	5	24.93	PASS
Band66	20	132322	50	#Max	QAM16	19.65	5	24.65	PASS
Band66	20	132322	100	#0	QAM16	19.79	5	24.79	PASS
Band66	20	132572	1	#0	QPSK	21.16	5	26.16	PASS
Band66	20	132572	1	#Mid	QPSK	21.60	5	26.60	PASS
Band66	20	132572	1	#Max	QPSK	21.28	5	26.28	PASS
Band66	20	132572	50	#0	QPSK	20.22	5	25.22	PASS
Band66	20	132572	50	#Mid	QPSK	20.43	5	25.43	PASS
Band66	20	132572	50	#Max	QPSK	20.40	5	25.40	PASS
Band66	20	132572	100	#0	QPSK	20.32	5	25.32	PASS
Band66	20	132572	1	#0	QAM16	19.89	5	24.89	PASS
Band66	20	132572	1	#Mid	QAM16	19.97	5	24.97	PASS
Band66	20	132572	1	#Max	QAM16	20.06	5	25.06	PASS
Band66	20	132572	50	#0	QAM16	19.24	5	24.24	PASS
Band66	20	132572	50	#Mid	QAM16	19.44	5	24.44	PASS
Band66	20	132572	50	#Max	QAM16	19.46	5	24.46	PASS
Band66	20	132572	100	#0	QAM16	19.26	5	24.26	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
Band6	1.4	131979	6	#0	QPSK	LV	NT	0.31	0.000	-2.5	2.5	PASS
Band6	1.4	131979	6	#0	QPSK	NV	NT	3.28	0.002	-2.5	2.5	PASS
Band6	1.4	131979	6	#0	QPSK	HV	NT	1.52	0.001	-2.5	2.5	PASS
Band6	1.4	131979	6	#0	QAM16	LV	NT	2.32	0.001	-2.5	2.5	PASS
Band6	1.4	131979	6	#0	QAM16	NV	NT	1.47	0.001	-2.5	2.5	PASS
Band6	1.4	131979	6	#0	QAM16	HV	NT	0.07	0.000	-2.5	2.5	PASS
Band6	1.4	132322	6	#0	QPSK	LV	NT	-3.09	-0.002	-2.5	2.5	PASS
Band6	1.4	132322	6	#0	QPSK	NV	NT	-2.63	-0.002	-2.5	2.5	PASS
Band6	1.4	132322	6	#0	QPSK	HV	NT	-1.83	-0.001	-2.5	2.5	PASS
Band6	1.4	132322	6	#0	QAM16	LV	NT	-2.25	-0.001	-2.5	2.5	PASS
Band6	1.4	132322	6	#0	QAM16	NV	NT	-2.09	-0.001	-2.5	2.5	PASS
Band6	1.4	132322	6	#0	QAM16	HV	NT	-1.99	-0.001	-2.5	2.5	PASS
Band6	1.4	132665	6	#0	QPSK	LV	NT	-0.59	0.000	-2.5	2.5	PASS
Band6	1.4	132665	6	#0	QPSK	NV	NT	0.94	0.001	-2.5	2.5	PASS
Band6	1.4	132665	6	#0	QPSK	HV	NT	2.26	0.001	-2.5	2.5	PASS
Band6	1.4	132665	6	#0	QAM16	LV	NT	1.30	0.001	-2.5	2.5	PASS
Band6	1.4	132665	6	#0	QAM16	NV	NT	-0.26	0.000	-2.5	2.5	PASS
Band6	1.4	132665	6	#0	QAM16	HV	NT	-0.11	0.000	-2.5	2.5	PASS

6												
Band6 6	3	131987	15	#0	QPSK	LV	NT	-0.30	0.000	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QPSK	NV	NT	0.57	0.000	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QPSK	HV	NT	0.34	0.000	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QAM16	LV	NT	0.13	0.000	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QAM16	NV	NT	-2.20	-0.00 1	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QAM16	HV	NT	-1.24	-0.00 1	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QPSK	LV	NT	-2.59	-0.00 1	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QPSK	NV	NT	-2.89	-0.00 2	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QPSK	HV	NT	-3.28	-0.00 2	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QAM16	LV	NT	-3.32	-0.00 2	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QAM16	NV	NT	-4.29	-0.00 2	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QAM16	HV	NT	-2.82	-0.00 2	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QPSK	LV	NT	0.69	0.000	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QPSK	NV	NT	1.90	0.001	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QPSK	HV	NT	1.17	0.001	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QAM16	LV	NT	0.82	0.000	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QAM16	NV	NT	0.26	0.000	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QAM16	HV	NT	-0.06	0.000	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QPSK	LV	NT	1.96	0.001	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QPSK	NV	NT	2.62	0.002	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QPSK	HV	NT	1.93	0.001	-2.5	2.5	PASS

Band6 6	5	131997	25	#0	QAM16	LV	NT	-0.13	0.000	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QAM16	NV	NT	1.29	0.001	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QAM16	HV	NT	0.72	0.000	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QPSK	LV	NT	-2.43	-0.00 1	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QPSK	NV	NT	-2.07	-0.00 1	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QPSK	HV	NT	-1.95	-0.00 1	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QAM16	LV	NT	-4.71	-0.00 3	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QAM16	NV	NT	-3.12	-0.00 2	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QAM16	HV	NT	-4.85	-0.00 3	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QPSK	LV	NT	1.37	0.001	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QPSK	NV	NT	-1.06	-0.00 1	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QPSK	HV	NT	0.39	0.000	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QAM16	LV	NT	0.66	0.000	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QAM16	NV	NT	0.19	0.000	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QAM16	HV	NT	-0.14	0.000	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QPSK	LV	NT	-1.73	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QPSK	NV	NT	-3.92	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QPSK	HV	NT	-2.63	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QAM16	LV	NT	-1.33	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QAM16	NV	NT	-1.40	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QAM16	HV	NT	-3.08	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QPSK	LV	NT	-2.73	-0.00	-2.5	2.5	PASS

6									2			
Band6 6	10	132322	50	#0	QPSK	NV	NT	-3.29	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QPSK	HV	NT	-2.79	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QAM16	LV	NT	-2.27	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QAM16	NV	NT	-2.22	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QAM16	HV	NT	-2.76	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QPSK	LV	NT	-2.57	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QPSK	NV	NT	-2.36	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QPSK	HV	NT	-1.59	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QAM16	LV	NT	-2.88	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QAM16	NV	NT	-3.46	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QAM16	HV	NT	-2.69	-0.00 2	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QPSK	LV	NT	-0.31	0.000	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QPSK	NV	NT	-0.29	0.000	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QPSK	HV	NT	0.26	0.000	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QAM16	LV	NT	2.09	0.001	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QAM16	NV	NT	1.56	0.001	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QAM16	HV	NT	-0.21	0.000	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QPSK	LV	NT	-3.52	-0.00 2	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QPSK	NV	NT	-3.20	-0.00 2	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QPSK	HV	NT	-3.49	-0.00 2	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QAM16	LV	NT	-3.22	-0.00 2	-2.5	2.5	PASS

Band6 6	15	132322	75	#0	QAM16	NV	NT	-2.90	-0.00 2	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QAM16	HV	NT	-2.66	-0.00 2	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QPSK	LV	NT	0.87	0.000	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QPSK	NV	NT	1.49	0.001	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QPSK	HV	NT	1.17	0.001	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QAM16	LV	NT	2.06	0.001	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QAM16	NV	NT	1.66	0.001	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QAM16	HV	NT	1.50	0.001	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QPSK	LV	NT	1.80	0.001	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QPSK	NV	NT	-0.17	0.000	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QPSK	HV	NT	2.05	0.001	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QAM16	LV	NT	2.05	0.001	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QAM16	NV	NT	1.23	0.001	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QAM16	HV	NT	1.00	0.001	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QPSK	LV	NT	-2.56	-0.00 1	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QPSK	NV	NT	-2.89	-0.00 2	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QPSK	HV	NT	-2.40	-0.00 1	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QAM16	LV	NT	-3.32	-0.00 2	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QAM16	NV	NT	-3.18	-0.00 2	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QAM16	HV	NT	-2.82	-0.00 2	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QPSK	LV	NT	-0.47	0.000	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QPSK	NV	NT	-0.53	0.000	-2.5	2.5	PASS

6												
Band6 6	20	132572	100	#0	QPSK	HV	NT	1.03	0.001	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QAM16	LV	NT	1.39	0.001	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QAM16	NV	NT	-0.50	0.000	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QAM16	HV	NT	0.24	0.000	-2.5	2.5	PASS

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
Band6 6	1.4	131979	6	#0	QPSK	NV	-30	1.99	0.001	-2.5	2.5	PASS
Band6 6	1.4	131979	6	#0	QPSK	NV	-20	1.27	0.001	-2.5	2.5	PASS
Band6 6	1.4	131979	6	#0	QPSK	NV	0	2.66	0.002	-2.5	2.5	PASS
Band6 6	1.4	131979	6	#0	QPSK	NV	10	2.82	0.002	-2.5	2.5	PASS
Band6 6	1.4	131979	6	#0	QPSK	NV	20	1.14	0.001	-2.5	2.5	PASS
Band6 6	1.4	131979	6	#0	QAM16	NV	-30	2.43	0.001	-2.5	2.5	PASS
Band6 6	1.4	131979	6	#0	QAM16	NV	-20	0.11	0.000	-2.5	2.5	PASS
Band6 6	1.4	131979	6	#0	QAM16	NV	0	2.29	0.001	-2.5	2.5	PASS
Band6 6	1.4	131979	6	#0	QAM16	NV	10	0.72	0.000	-2.5	2.5	PASS
Band6 6	1.4	131979	6	#0	QAM16	NV	20	0.04	0.000	-2.5	2.5	PASS
Band6 6	1.4	132322	6	#0	QPSK	NV	-30	-1.22	-0.001	-2.5	2.5	PASS
Band6 6	1.4	132322	6	#0	QPSK	NV	-20	-1.63	-0.001	-2.5	2.5	PASS
Band6 6	1.4	132322	6	#0	QPSK	NV	0	-2.15	-0.001	-2.5	2.5	PASS
Band6 6	1.4	132322	6	#0	QPSK	NV	10	-2.35	-0.001	-2.5	2.5	PASS
Band6 6	1.4	132322	6	#0	QPSK	NV	20	-2.03	-0.00	-2.5	2.5	PASS

6									1			
Band6 6	1.4	132322	6	#0	QAM16	NV	-30	-3.95	-0.00 2	-2.5	2.5	PASS
Band6 6	1.4	132322	6	#0	QAM16	NV	-20	-3.23	-0.00 2	-2.5	2.5	PASS
Band6 6	1.4	132322	6	#0	QAM16	NV	0	-2.75	-0.00 2	-2.5	2.5	PASS
Band6 6	1.4	132322	6	#0	QAM16	NV	10	-3.42	-0.00 2	-2.5	2.5	PASS
Band6 6	1.4	132322	6	#0	QAM16	NV	20	-3.78	-0.00 2	-2.5	2.5	PASS
Band6 6	1.4	132665	6	#0	QPSK	NV	-30	0.67	0.000	-2.5	2.5	PASS
Band6 6	1.4	132665	6	#0	QPSK	NV	-20	-0.64	0.000	-2.5	2.5	PASS
Band6 6	1.4	132665	6	#0	QPSK	NV	0	-0.87	0.000	-2.5	2.5	PASS
Band6 6	1.4	132665	6	#0	QPSK	NV	10	0.64	0.000	-2.5	2.5	PASS
Band6 6	1.4	132665	6	#0	QPSK	NV	20	0.66	0.000	-2.5	2.5	PASS
Band6 6	1.4	132665	6	#0	QAM16	NV	-30	1.14	0.001	-2.5	2.5	PASS
Band6 6	1.4	132665	6	#0	QAM16	NV	-20	-0.63	0.000	-2.5	2.5	PASS
Band6 6	1.4	132665	6	#0	QAM16	NV	0	1.70	0.001	-2.5	2.5	PASS
Band6 6	1.4	132665	6	#0	QAM16	NV	10	0.83	0.000	-2.5	2.5	PASS
Band6 6	1.4	132665	6	#0	QAM16	NV	20	0.51	0.000	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QPSK	NV	-30	-1.69	-0.00 1	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QPSK	NV	-20	-1.30	-0.00 1	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QPSK	NV	0	-1.49	-0.00 1	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QPSK	NV	10	-0.92	-0.00 1	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QPSK	NV	20	-0.54	0.000	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QAM16	NV	-30	-0.86	-0.00 1	-2.5	2.5	PASS

Band6 6	3	131987	15	#0	QAM16	NV	-20	-1.50	-0.00 1	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QAM16	NV	0	0.00	0.000	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QAM16	NV	10	-0.13	0.000	-2.5	2.5	PASS
Band6 6	3	131987	15	#0	QAM16	NV	20	0.10	0.000	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QPSK	NV	-30	-2.85	-0.00 2	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QPSK	NV	-20	-3.23	-0.00 2	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QPSK	NV	0	-1.54	-0.00 1	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QPSK	NV	10	-3.32	-0.00 2	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QPSK	NV	20	-3.02	-0.00 2	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QAM16	NV	-30	-3.15	-0.00 2	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QAM16	NV	-20	-3.99	-0.00 2	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QAM16	NV	0	-3.49	-0.00 2	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QAM16	NV	10	-2.99	-0.00 2	-2.5	2.5	PASS
Band6 6	3	132322	15	#0	QAM16	NV	20	-1.34	-0.00 1	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QPSK	NV	-30	1.37	0.001	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QPSK	NV	-20	0.51	0.000	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QPSK	NV	0	1.72	0.001	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QPSK	NV	10	1.36	0.001	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QPSK	NV	20	3.32	0.002	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QAM16	NV	-30	0.84	0.000	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QAM16	NV	-20	1.23	0.001	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QAM16	NV	0	1.03	0.001	-2.5	2.5	PASS

6												
Band6 6	3	132657	15	#0	QAM16	NV	10	2.53	0.001	-2.5	2.5	PASS
Band6 6	3	132657	15	#0	QAM16	NV	20	0.37	0.000	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QPSK	NV	-30	1.44	0.001	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QPSK	NV	-20	2.27	0.001	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QPSK	NV	0	2.78	0.002	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QPSK	NV	10	3.20	0.002	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QPSK	NV	20	1.03	0.001	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QAM16	NV	-30	1.67	0.001	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QAM16	NV	-20	1.47	0.001	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QAM16	NV	0	-0.37	0.000	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QAM16	NV	10	0.03	0.000	-2.5	2.5	PASS
Band6 6	5	131997	25	#0	QAM16	NV	20	-0.09	0.000	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QPSK	NV	-30	-3.68	-0.00 2	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QPSK	NV	-20	-2.59	-0.00 1	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QPSK	NV	0	-4.73	-0.00 3	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QPSK	NV	10	-3.25	-0.00 2	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QPSK	NV	20	-4.63	-0.00 3	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QAM16	NV	-30	-3.59	-0.00 2	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QAM16	NV	-20	-2.70	-0.00 2	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QAM16	NV	0	-2.69	-0.00 2	-2.5	2.5	PASS
Band6 6	5	132322	25	#0	QAM16	NV	10	-2.73	-0.00 2	-2.5	2.5	PASS

Band6 6	5	132322	25	#0	QAM16	NV	20	-4.15	-0.00 2	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QPSK	NV	-30	-0.79	0.000	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QPSK	NV	-20	0.89	0.001	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QPSK	NV	0	1.93	0.001	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QPSK	NV	10	-0.03	0.000	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QPSK	NV	20	-0.49	0.000	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QAM16	NV	-30	1.26	0.001	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QAM16	NV	-20	-0.34	0.000	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QAM16	NV	0	-0.09	0.000	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QAM16	NV	10	0.87	0.000	-2.5	2.5	PASS
Band6 6	5	132647	25	#0	QAM16	NV	20	-0.19	0.000	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QPSK	NV	-30	-3.40	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QPSK	NV	-20	-3.00	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QPSK	NV	0	-1.97	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QPSK	NV	10	-2.19	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QPSK	NV	20	-2.12	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QAM16	NV	-30	-2.39	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QAM16	NV	-20	-3.68	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QAM16	NV	0	-4.01	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QAM16	NV	10	-2.62	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132022	50	#0	QAM16	NV	20	-2.80	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QPSK	NV	-30	-2.42	-0.00	-2.5	2.5	PASS

6									1			
Band6 6	10	132322	50	#0	QPSK	NV	-20	-2.56	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QPSK	NV	0	-2.59	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QPSK	NV	10	-2.03	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QPSK	NV	20	-2.62	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QAM16	NV	-30	-2.09	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QAM16	NV	-20	-2.90	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QAM16	NV	0	-3.22	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QAM16	NV	10	-2.63	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132322	50	#0	QAM16	NV	20	-3.26	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QPSK	NV	-30	-1.60	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QPSK	NV	-20	-1.79	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QPSK	NV	0	-2.30	-0.00 1	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QPSK	NV	10	-3.42	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QPSK	NV	20	-2.80	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QAM16	NV	-30	-2.69	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QAM16	NV	-20	-3.42	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QAM16	NV	0	-3.15	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QAM16	NV	10	-3.13	-0.00 2	-2.5	2.5	PASS
Band6 6	10	132622	50	#0	QAM16	NV	20	-1.34	-0.00 1	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QPSK	NV	-30	1.27	0.001	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QPSK	NV	-20	-0.34	0.000	-2.5	2.5	PASS

Band6 6	15	132047	75	#0	QPSK	NV	0	-1.34	-0.00 1	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QPSK	NV	10	-0.30	0.000	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QPSK	NV	20	0.27	0.000	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QAM16	NV	-30	0.07	0.000	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QAM16	NV	-20	0.17	0.000	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QAM16	NV	0	1.20	0.001	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QAM16	NV	10	-0.09	0.000	-2.5	2.5	PASS
Band6 6	15	132047	75	#0	QAM16	NV	20	1.53	0.001	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QPSK	NV	-30	-2.36	-0.00 1	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QPSK	NV	-20	-4.58	-0.00 3	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QPSK	NV	0	-3.36	-0.00 2	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QPSK	NV	10	-3.98	-0.00 2	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QPSK	NV	20	-3.19	-0.00 2	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QAM16	NV	-30	-3.18	-0.00 2	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QAM16	NV	-20	-2.98	-0.00 2	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QAM16	NV	0	-2.33	-0.00 1	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QAM16	NV	10	-3.15	-0.00 2	-2.5	2.5	PASS
Band6 6	15	132322	75	#0	QAM16	NV	20	-4.06	-0.00 2	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QPSK	NV	-30	3.29	0.002	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QPSK	NV	-20	1.79	0.001	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QPSK	NV	0	0.76	0.000	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QPSK	NV	10	1.37	0.001	-2.5	2.5	PASS

6												
Band6 6	15	132597	75	#0	QPSK	NV	20	2.88	0.002	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QAM16	NV	-30	1.85	0.001	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QAM16	NV	-20	1.19	0.001	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QAM16	NV	0	0.19	0.000	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QAM16	NV	10	0.94	0.001	-2.5	2.5	PASS
Band6 6	15	132597	75	#0	QAM16	NV	20	0.70	0.000	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QPSK	NV	-30	2.47	0.001	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QPSK	NV	-20	2.10	0.001	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QPSK	NV	0	1.14	0.001	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QPSK	NV	10	1.70	0.001	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QPSK	NV	20	1.53	0.001	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QAM16	NV	-30	0.70	0.000	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QAM16	NV	-20	1.10	0.001	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QAM16	NV	0	2.55	0.001	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QAM16	NV	10	1.95	0.001	-2.5	2.5	PASS
Band6 6	20	132072	100	#0	QAM16	NV	20	2.02	0.001	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QPSK	NV	-30	-2.56	-0.00 1	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QPSK	NV	-20	-2.42	-0.00 1	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QPSK	NV	0	-1.82	-0.00 1	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QPSK	NV	10	-4.58	-0.00 3	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QPSK	NV	20	-3.29	-0.00 2	-2.5	2.5	PASS

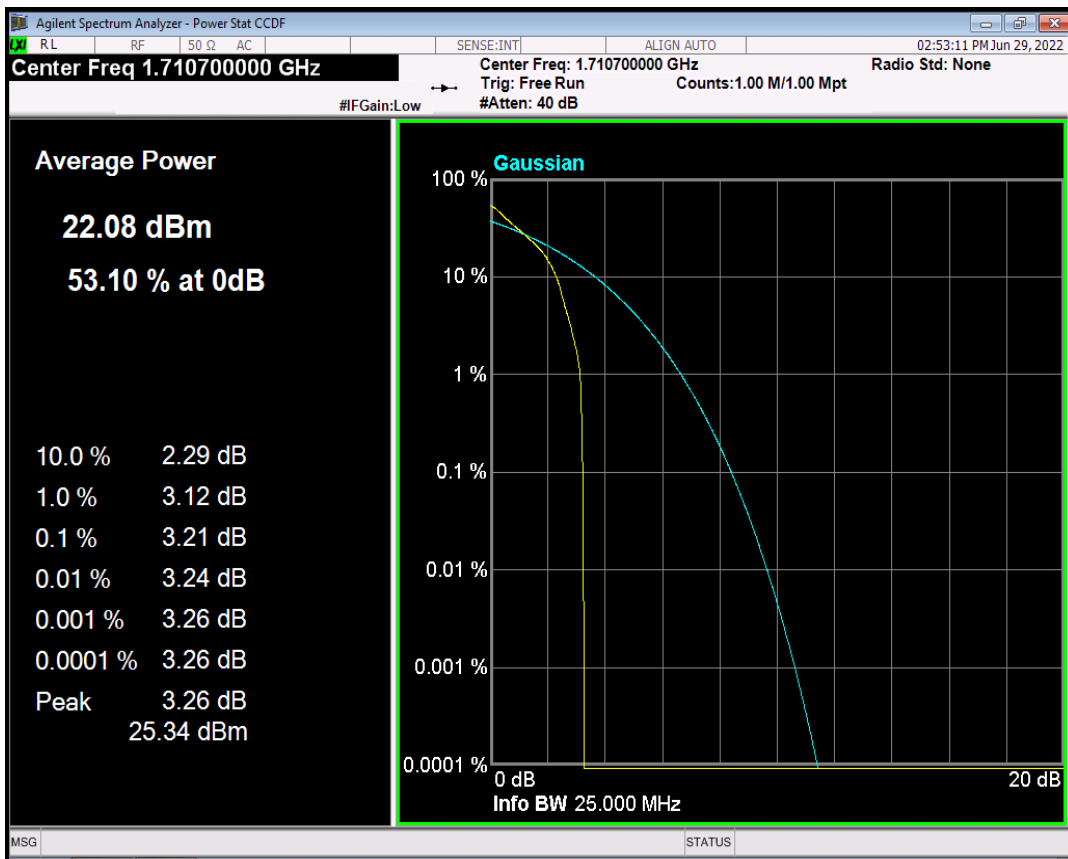
Band6 6	20	132322	100	#0	QAM16	NV	-30	-2.56	-0.00 1	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QAM16	NV	-20	-2.75	-0.00 2	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QAM16	NV	0	-2.75	-0.00 2	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QAM16	NV	10	-1.09	-0.00 1	-2.5	2.5	PASS
Band6 6	20	132322	100	#0	QAM16	NV	20	-2.36	-0.00 1	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QPSK	NV	-30	-0.06	0.000	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QPSK	NV	-20	0.29	0.000	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QPSK	NV	0	-0.10	0.000	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QPSK	NV	10	-0.39	0.000	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QPSK	NV	20	-0.63	0.000	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QAM16	NV	-30	-0.24	0.000	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QAM16	NV	-20	-0.44	0.000	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QAM16	NV	0	0.20	0.000	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QAM16	NV	10	0.87	0.000	-2.5	2.5	PASS
Band6 6	20	132572	100	#0	QAM16	NV	20	0.66	0.000	-2.5	2.5	PASS

Appendix 3. Peak-to-Average Ratio

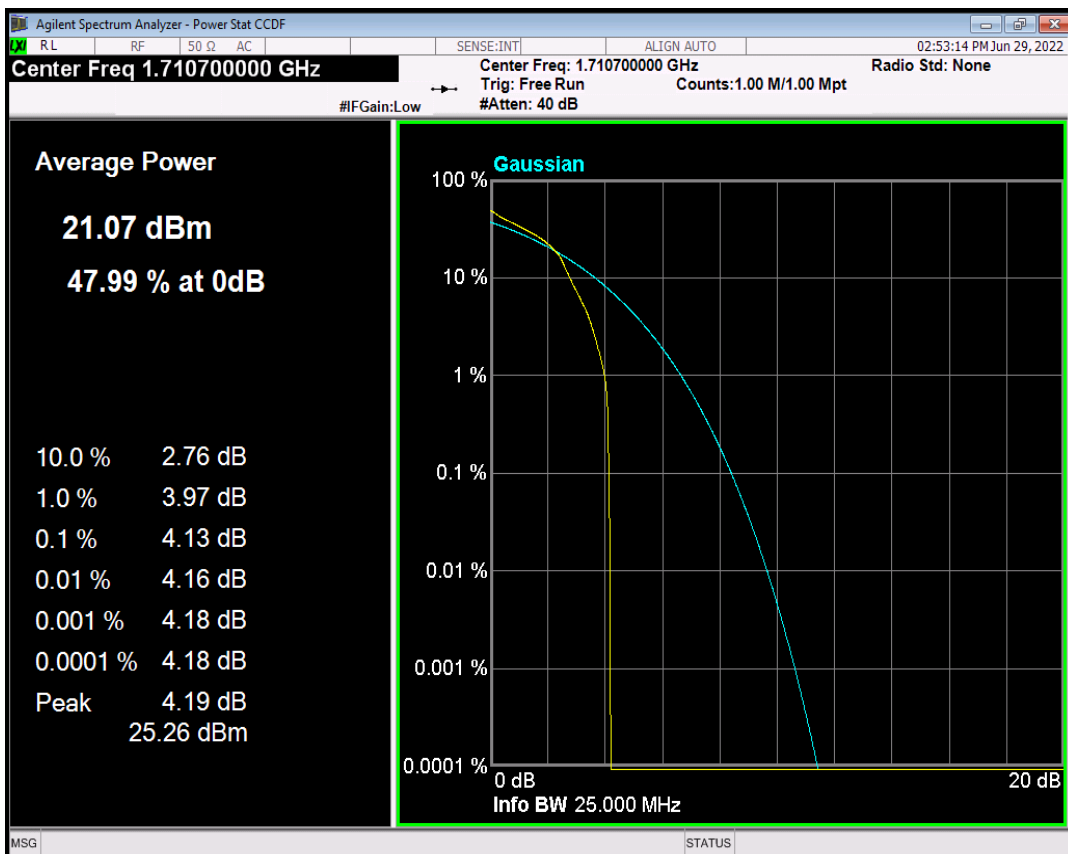
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band66	1.4	131979	1	#0	QPSK	3.21	13	PASS
Band66	1.4	131979	1	#0	QAM16	4.13	13	PASS
Band66	1.4	132322	1	#0	QPSK	4.19	13	PASS
Band66	1.4	132322	1	#0	QAM16	5.06	13	PASS
Band66	1.4	132665	1	#0	QPSK	3.21	13	PASS
Band66	1.4	132665	1	#0	QAM16	3.96	13	PASS
Band66	3	131987	1	#0	QPSK	3.34	13	PASS

Band66	3	131987	1	#0	QAM16	4.21	13	PASS
Band66	3	132322	1	#0	QPSK	4.08	13	PASS
Band66	3	132322	1	#0	QAM16	5.01	13	PASS
Band66	3	132657	1	#0	QPSK	2.97	13	PASS
Band66	3	132657	1	#0	QAM16	3.70	13	PASS
Band66	5	131997	1	#0	QPSK	3.38	13	PASS
Band66	5	131997	1	#0	QAM16	4.32	13	PASS
Band66	5	132322	1	#0	QPSK	4.25	13	PASS
Band66	5	132322	1	#0	QAM16	5.09	13	PASS
Band66	5	132647	1	#0	QPSK	2.97	13	PASS
Band66	5	132647	1	#0	QAM16	3.89	13	PASS
Band66	10	132022	1	#0	QPSK	3.38	13	PASS
Band66	10	132022	1	#0	QAM16	4.19	13	PASS
Band66	10	132322	1	#0	QPSK	4.29	13	PASS
Band66	10	132322	1	#0	QAM16	5.20	13	PASS
Band66	10	132622	1	#0	QPSK	3.88	13	PASS
Band66	10	132622	1	#0	QAM16	4.61	13	PASS
Band66	15	132047	1	#0	QPSK	3.36	13	PASS
Band66	15	132047	1	#0	QAM16	4.17	13	PASS
Band66	15	132322	1	#0	QPSK	4.33	13	PASS
Band66	15	132322	1	#0	QAM16	5.20	13	PASS
Band66	15	132597	1	#0	QPSK	4.21	13	PASS
Band66	15	132597	1	#0	QAM16	5.13	13	PASS
Band66	20	132072	1	#0	QPSK	3.33	13	PASS
Band66	20	132072	1	#0	QAM16	4.09	13	PASS
Band66	20	132322	1	#0	QPSK	4.39	13	PASS
Band66	20	132322	1	#0	QAM16	5.35	13	PASS
Band66	20	132572	1	#0	QPSK	4.37	13	PASS
Band66	20	132572	1	#0	QAM16	5.25	13	PASS

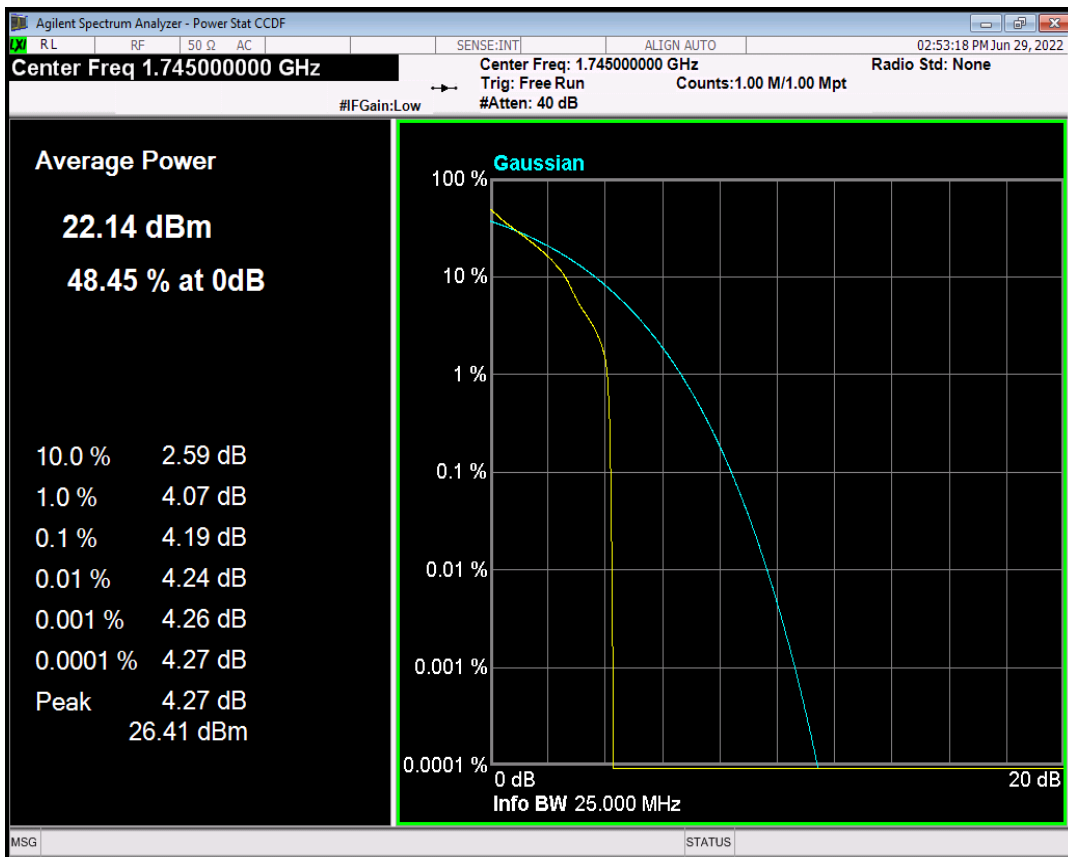
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#0



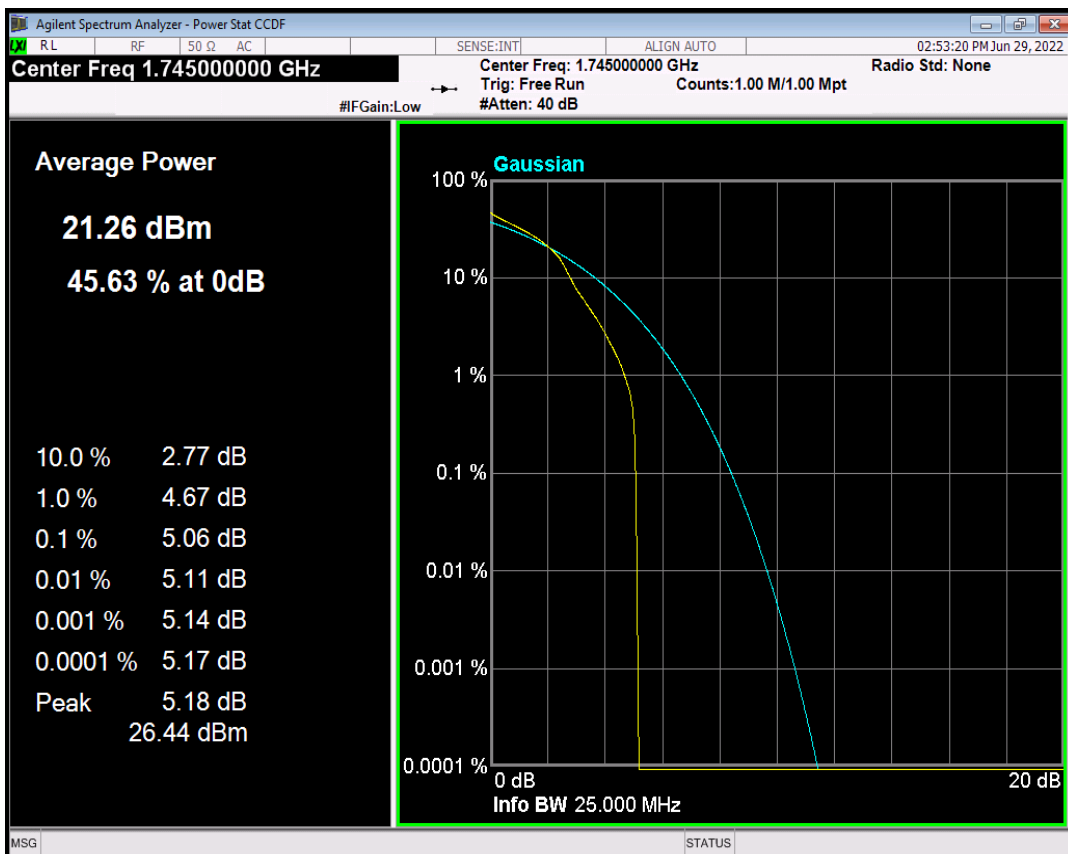
Band66 QAM16 BW=1.4MHz Channel=131979 RB Size=1 Position=#0



Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0

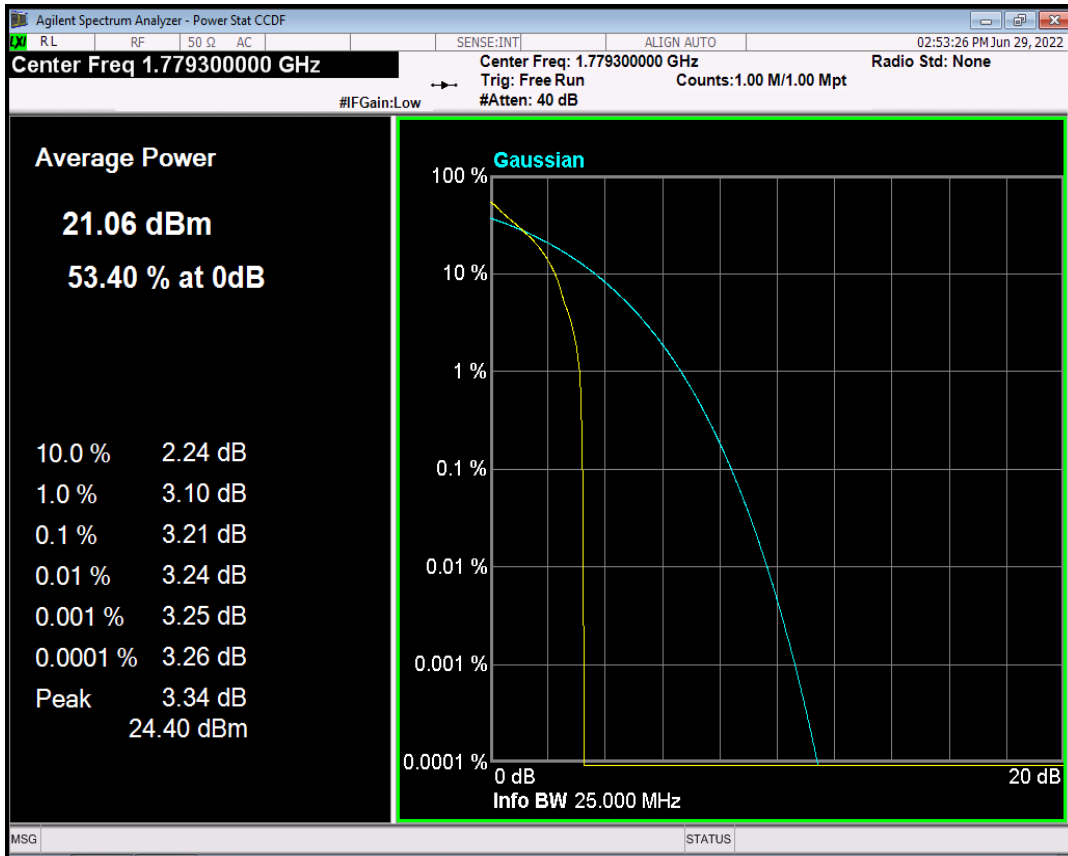


Band66 QAM16 BW=1.4MHz Channel=132322 RB Size=1 Position=#0

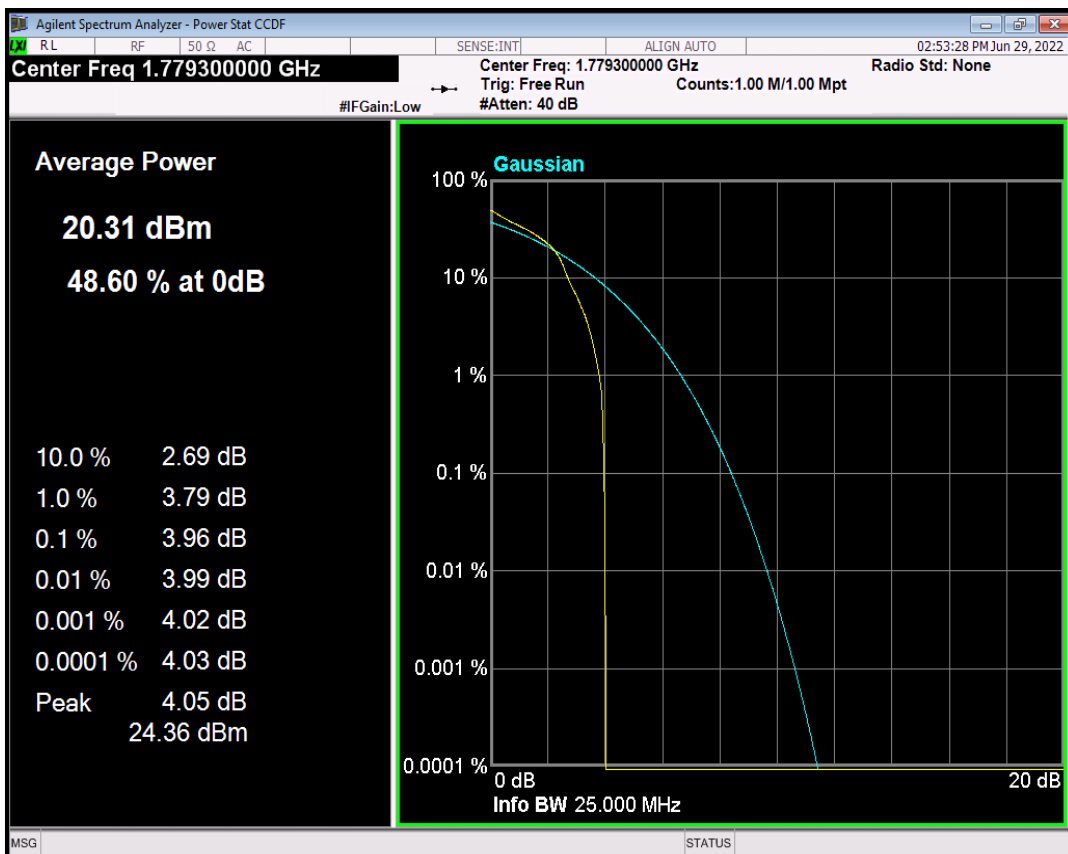




Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#0

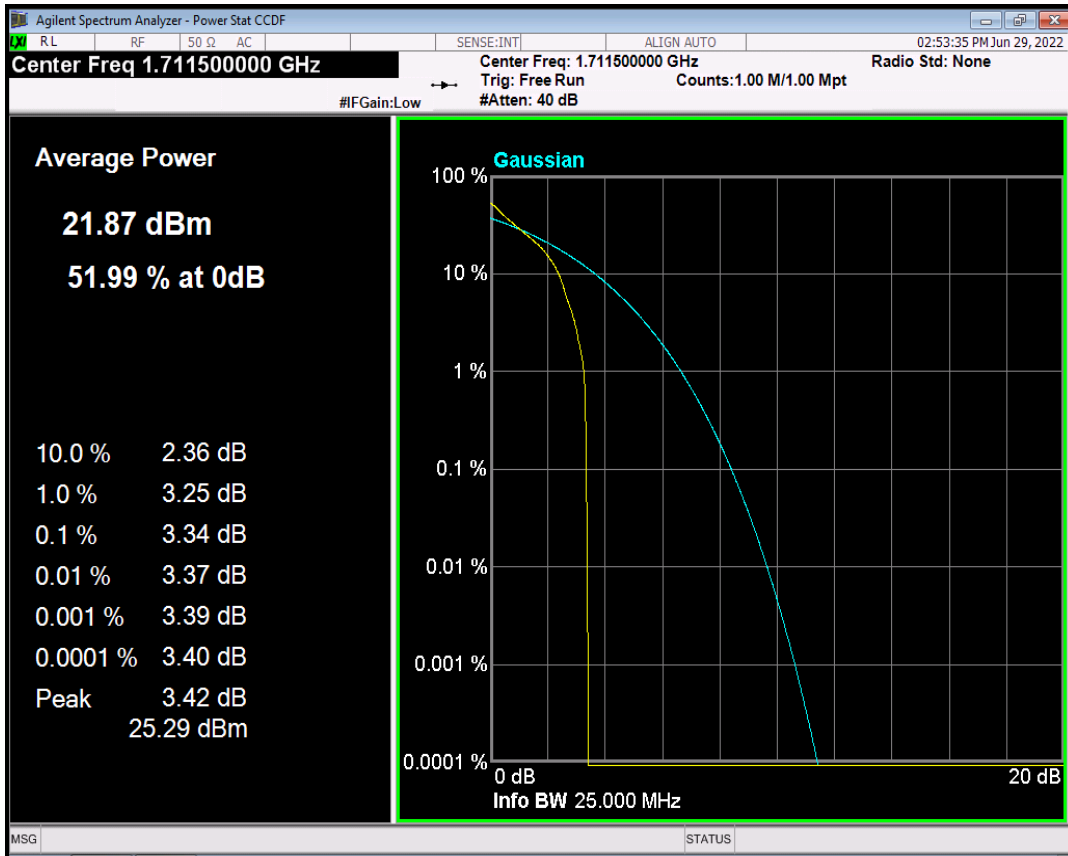


Band66 QAM16 BW=1.4MHz Channel=132665 RB Size=1 Position=#0

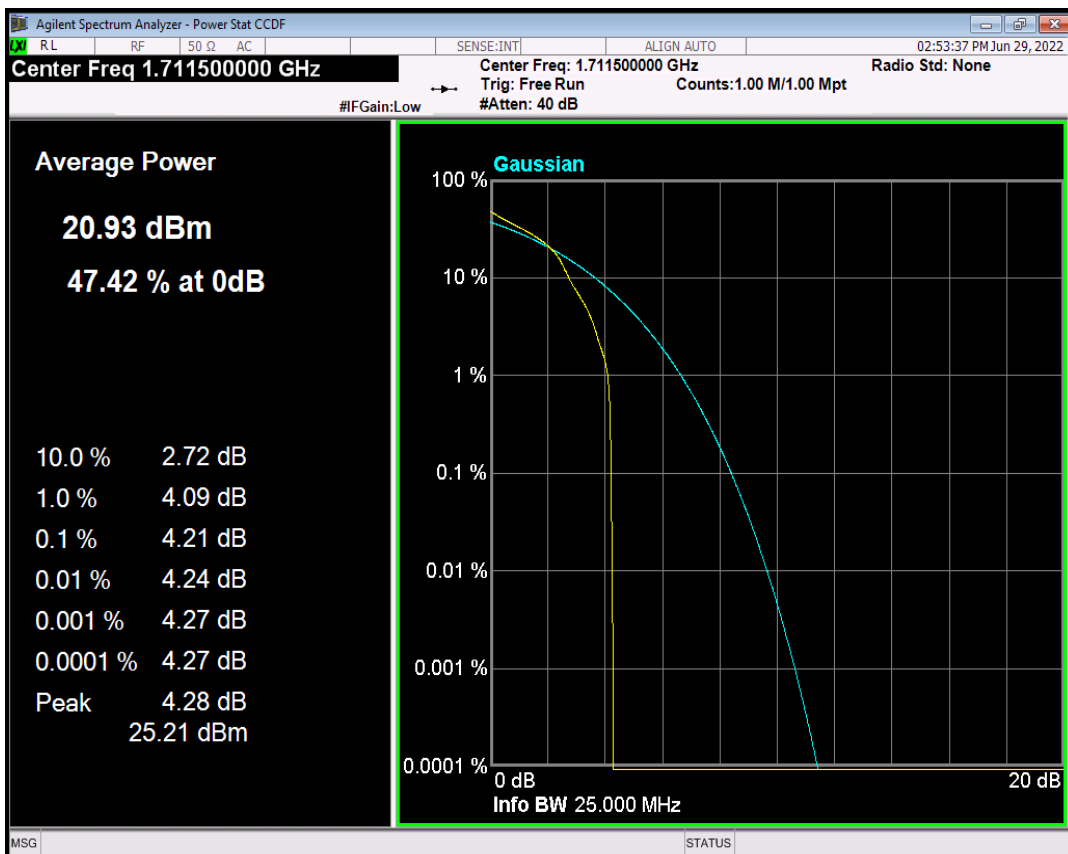




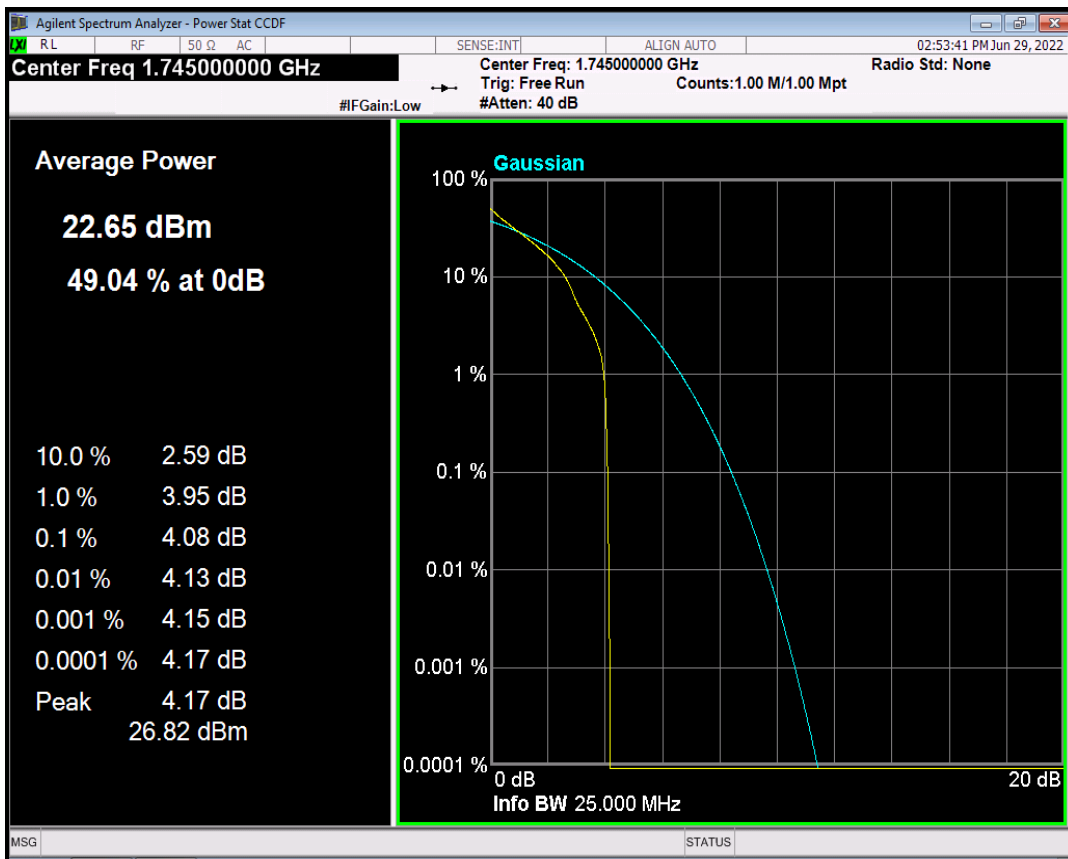
Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0



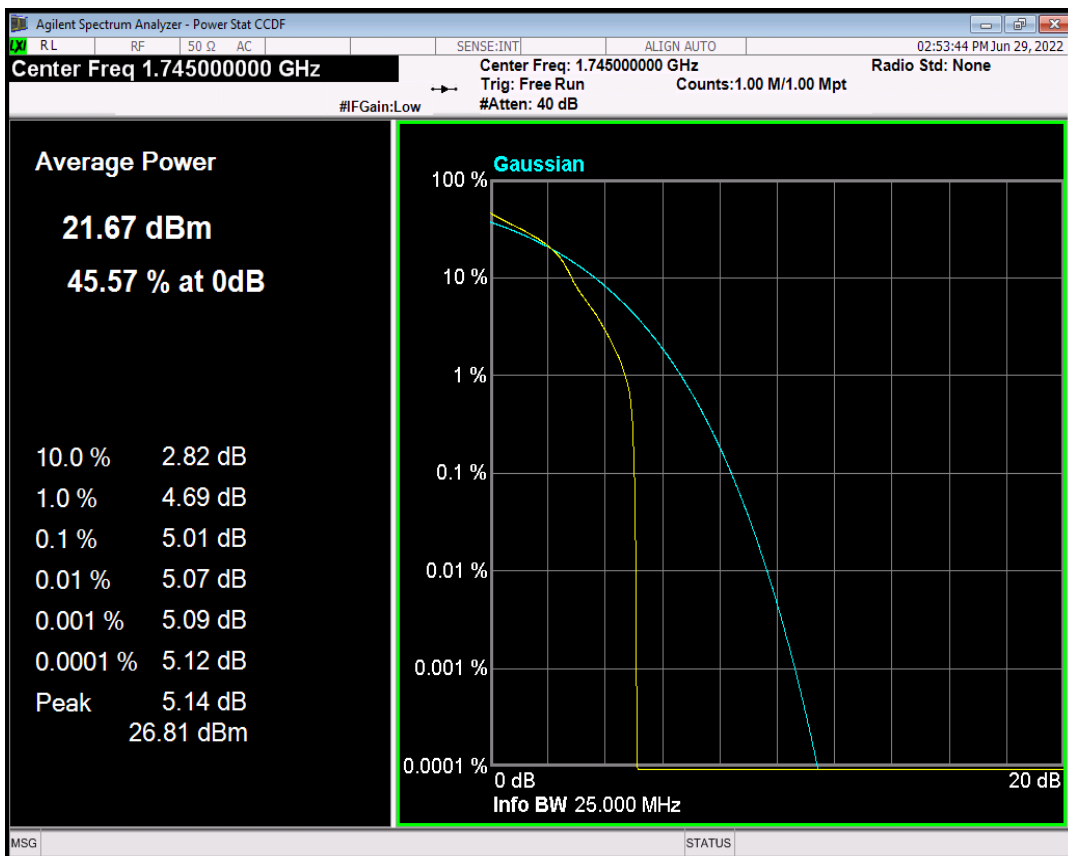
Band66 QAM16 BW=3MHz Channel=131987 RB Size=1 Position=#0



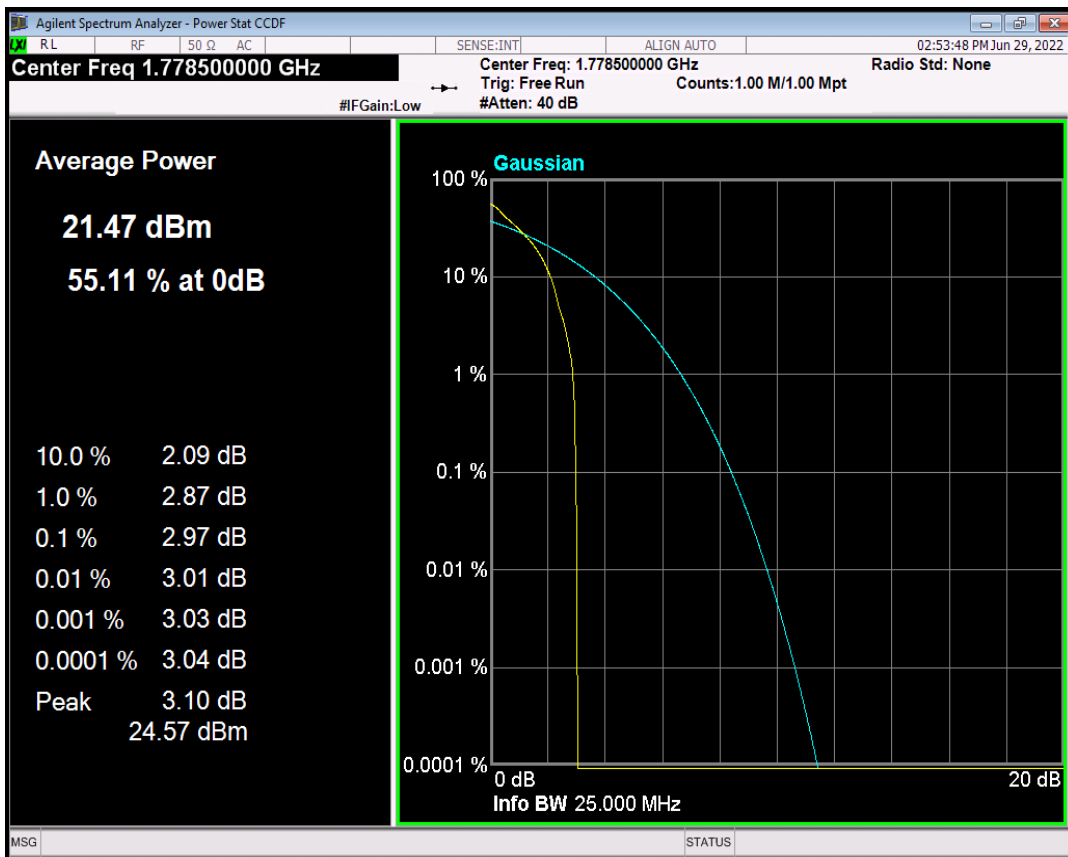
Band66 QPSK BW=3MHz Channel=132322 RB Size=1 Position=#0



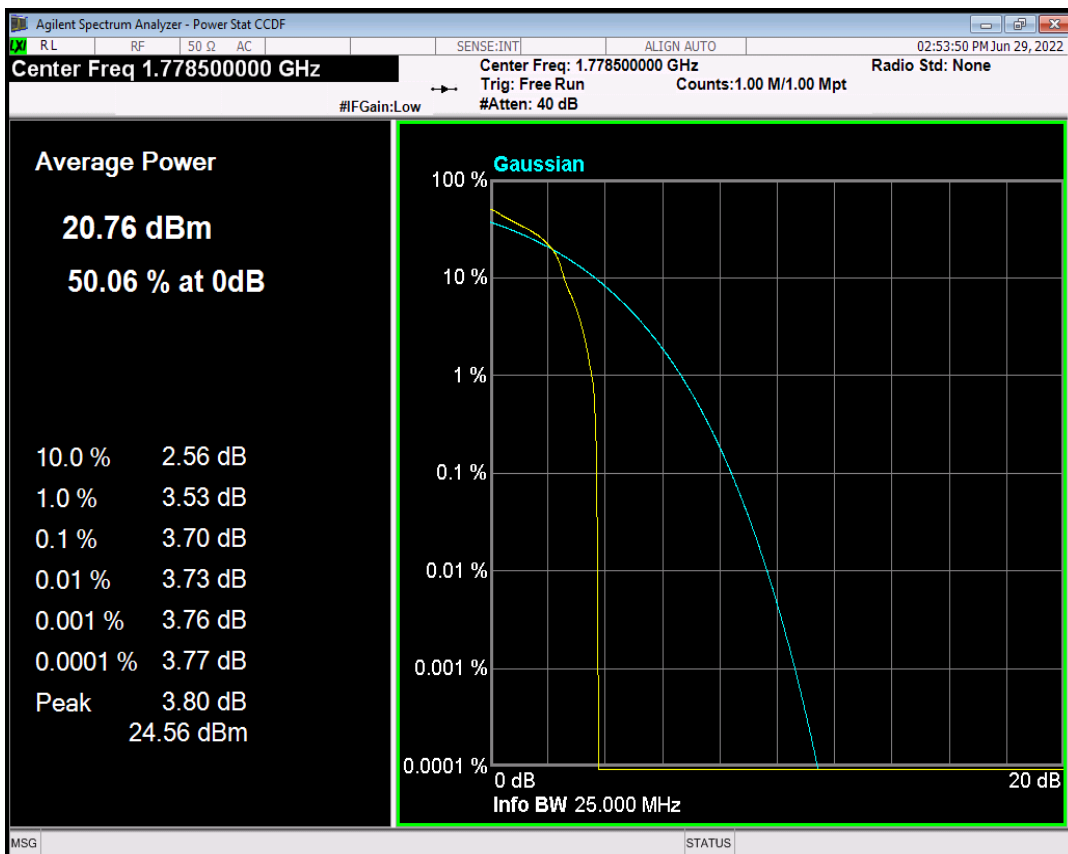
Band66 QAM16 BW=3MHz Channel=132322 RB Size=1 Position=#0



Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#0

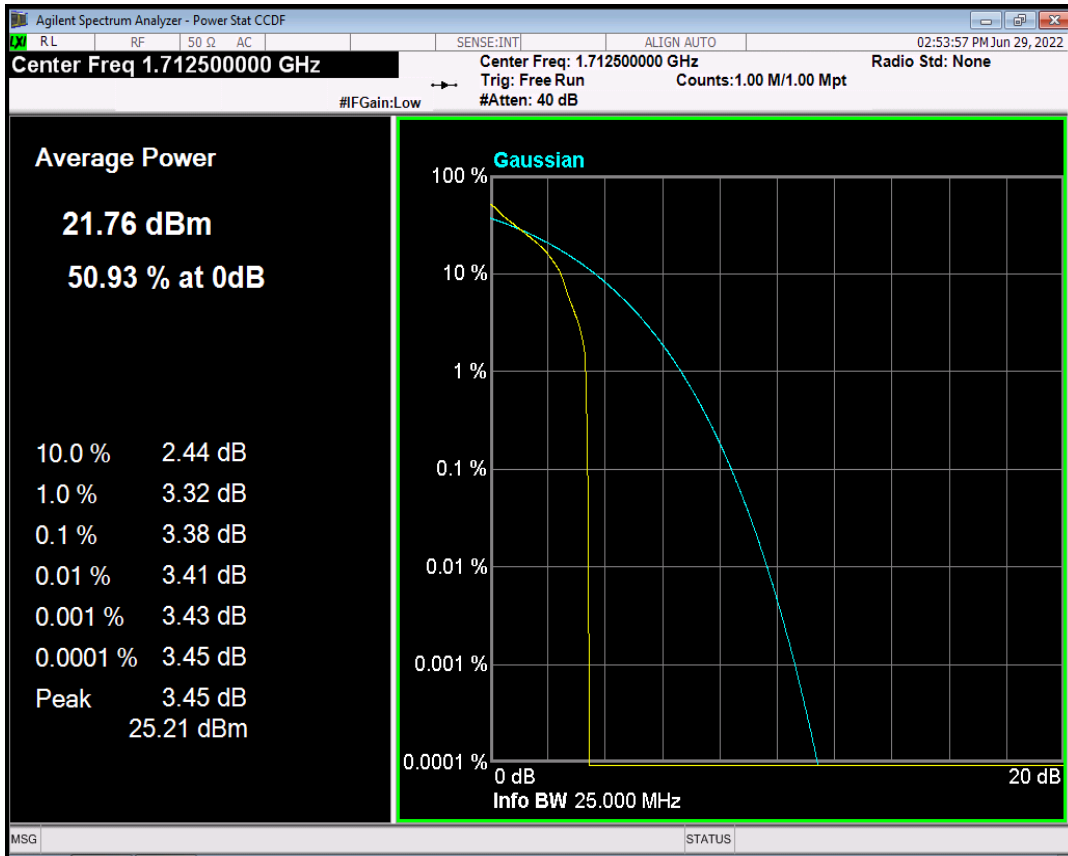


Band66 QAM16 BW=3MHz Channel=132657 RB Size=1 Position=#0

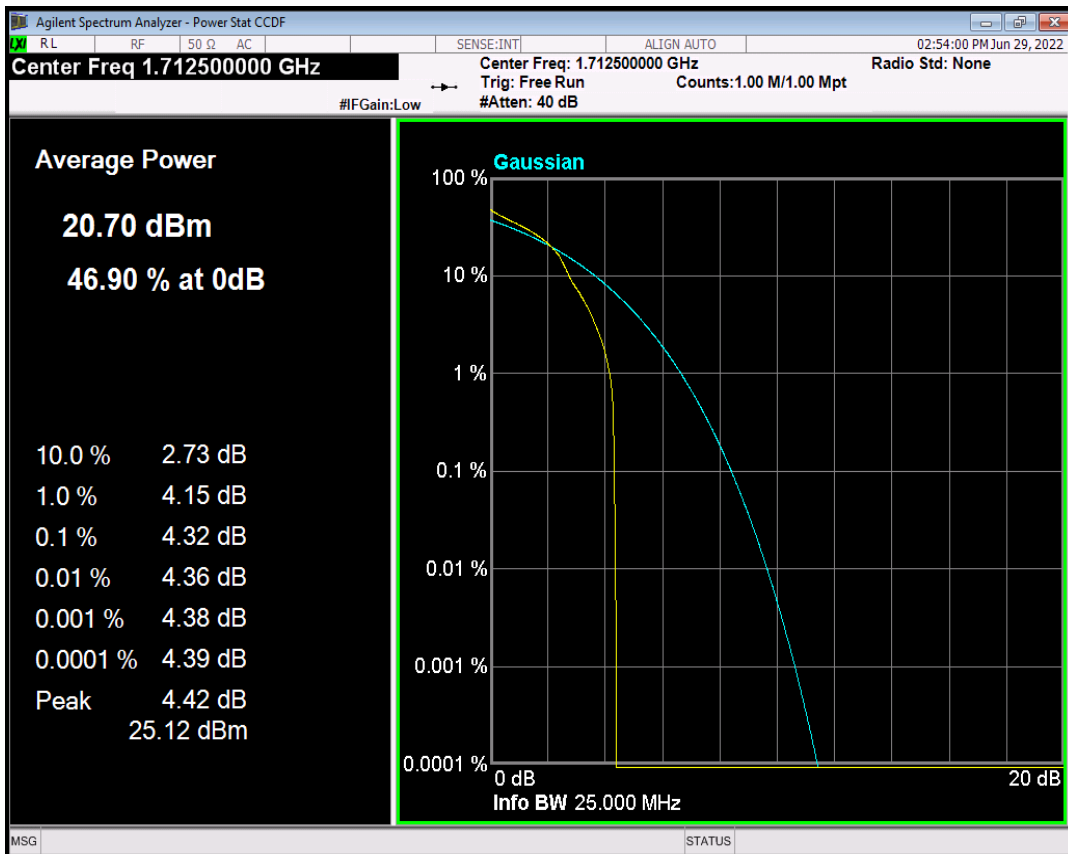




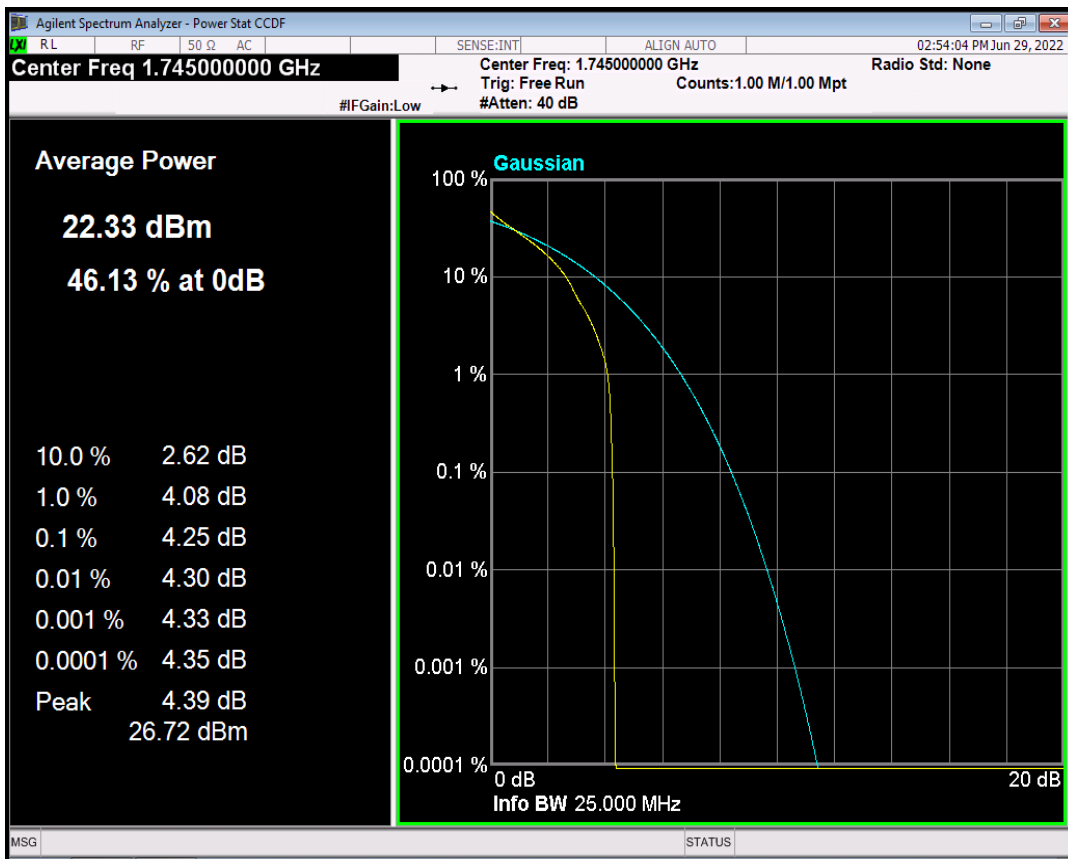
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0



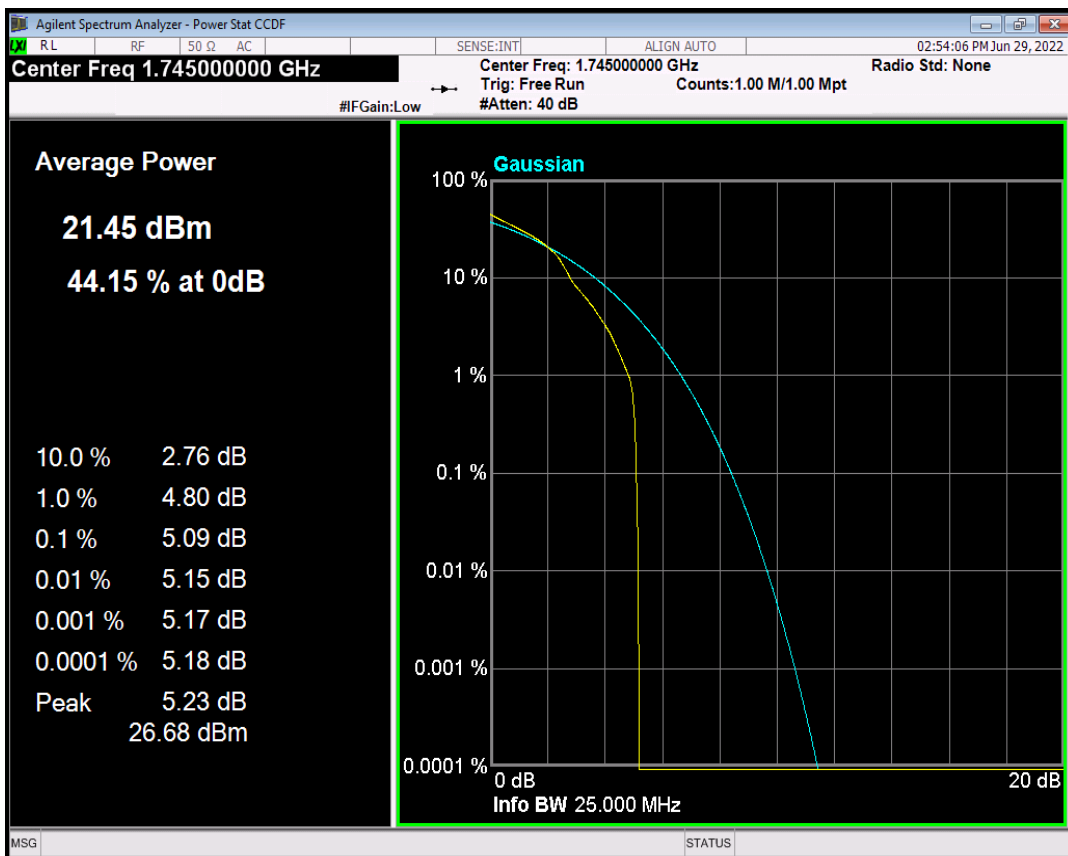
Band66 QAM16 BW=5MHz Channel=131997 RB Size=1 Position=#0



Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0

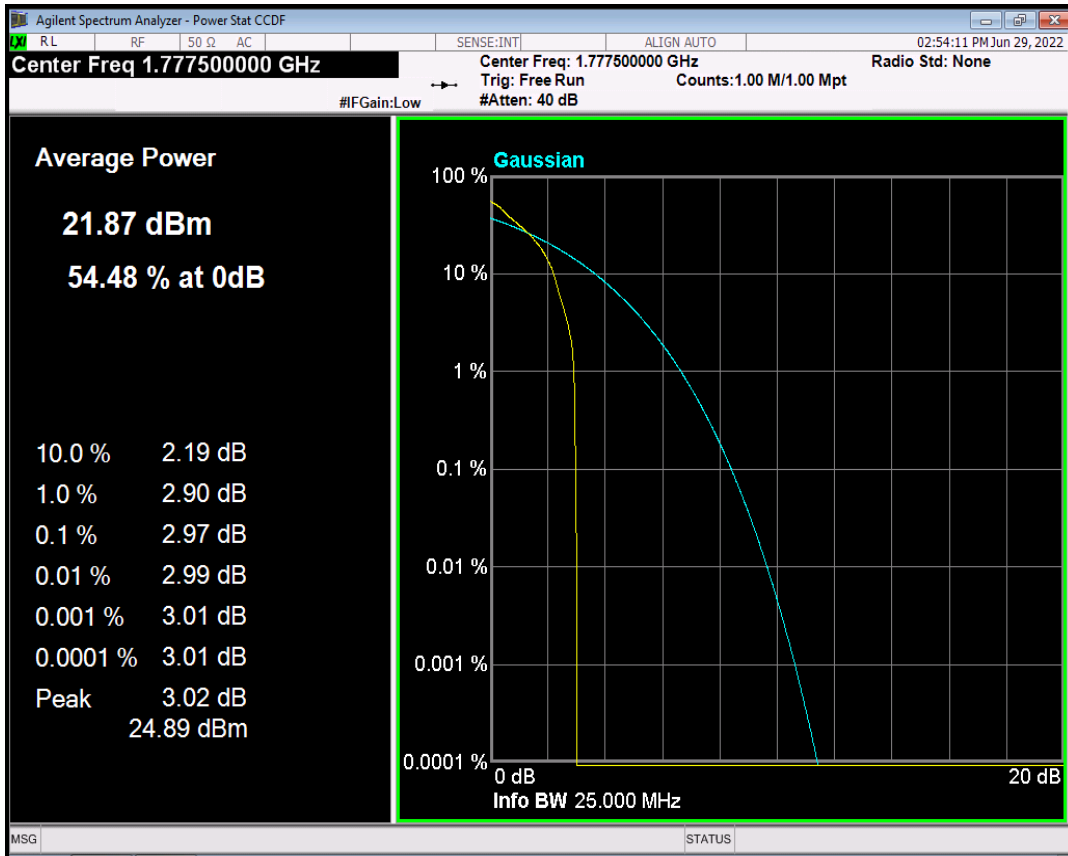


Band66 QAM16 BW=5MHz Channel=132322 RB Size=1 Position=#0

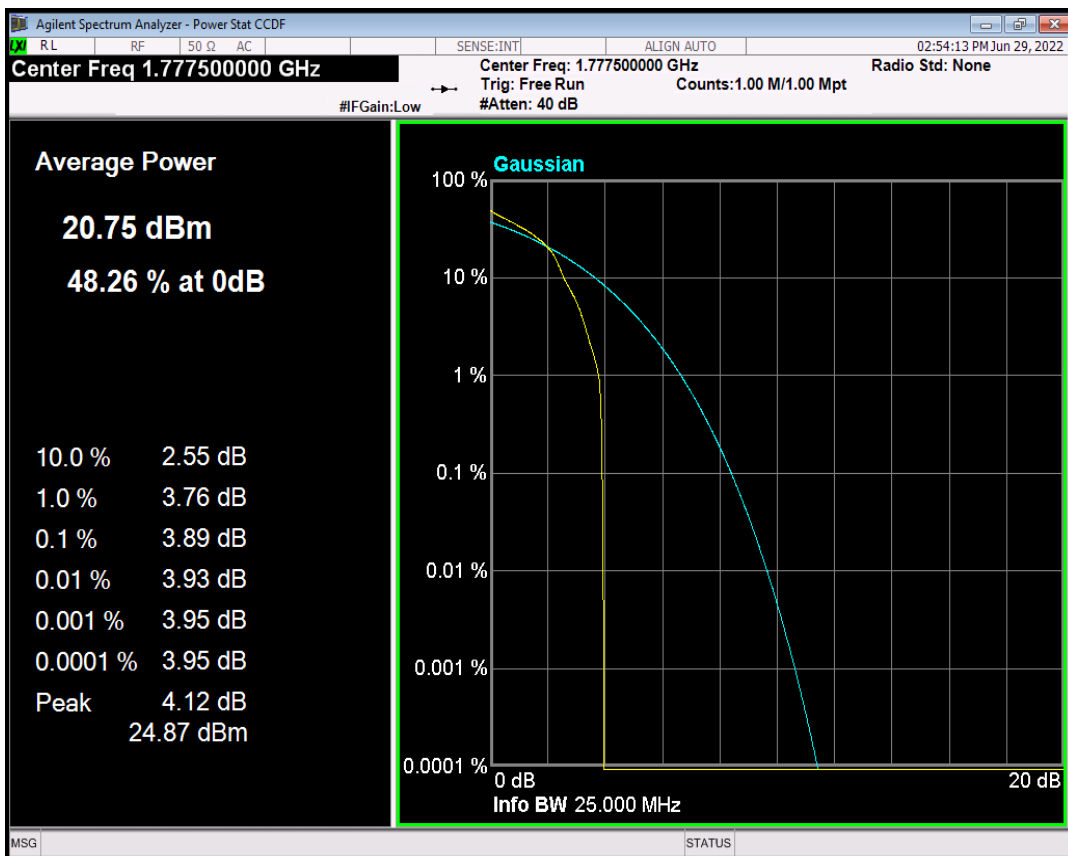




Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#0

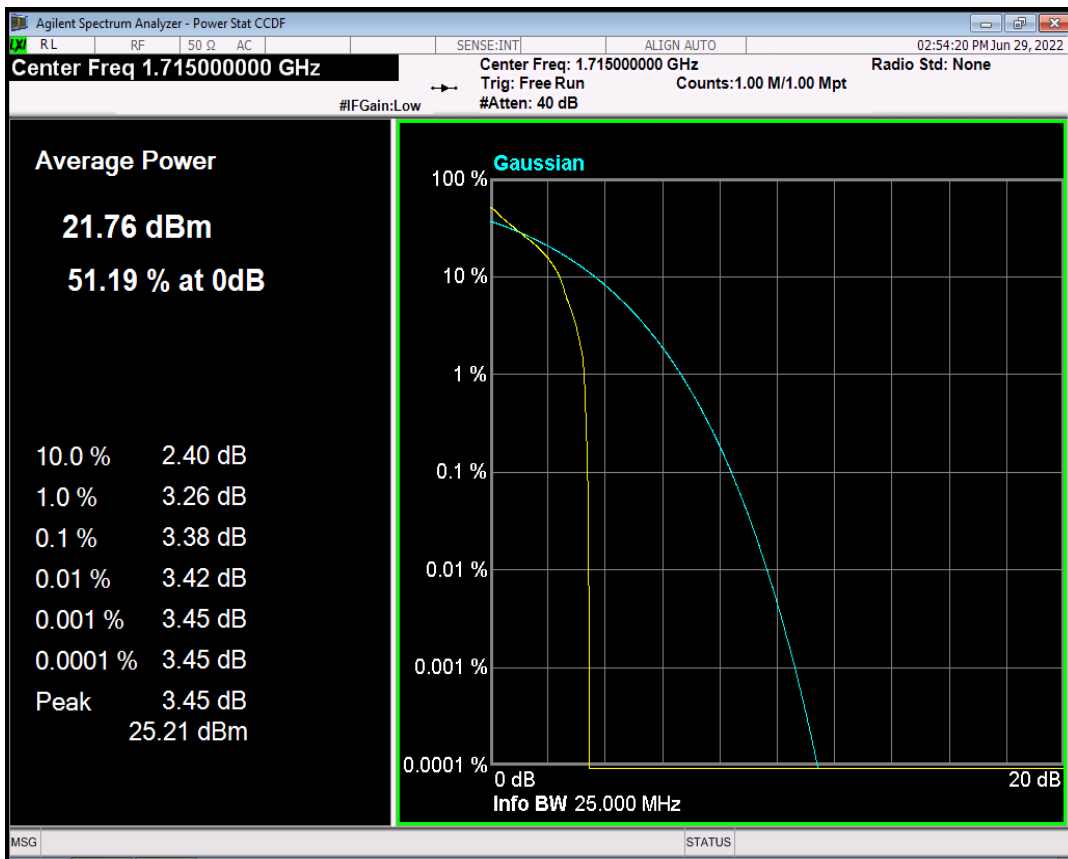


Band66 QAM16 BW=5MHz Channel=132647 RB Size=1 Position=#0

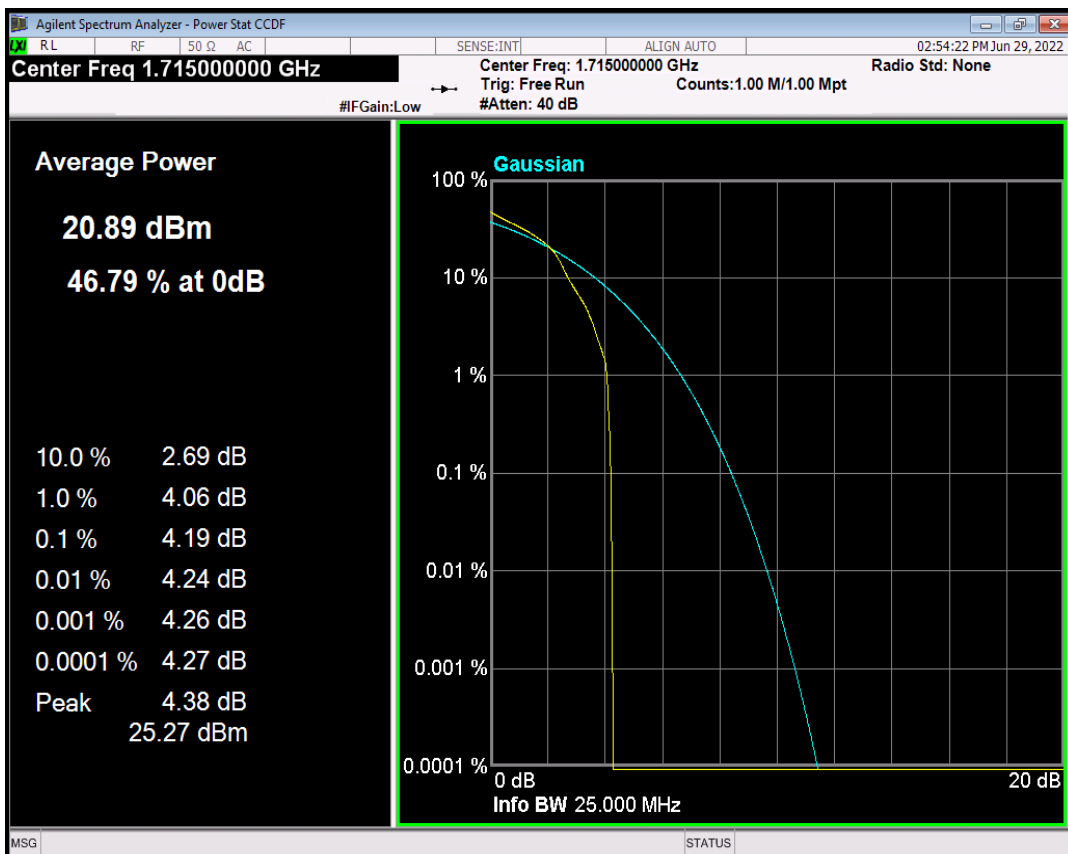




Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0

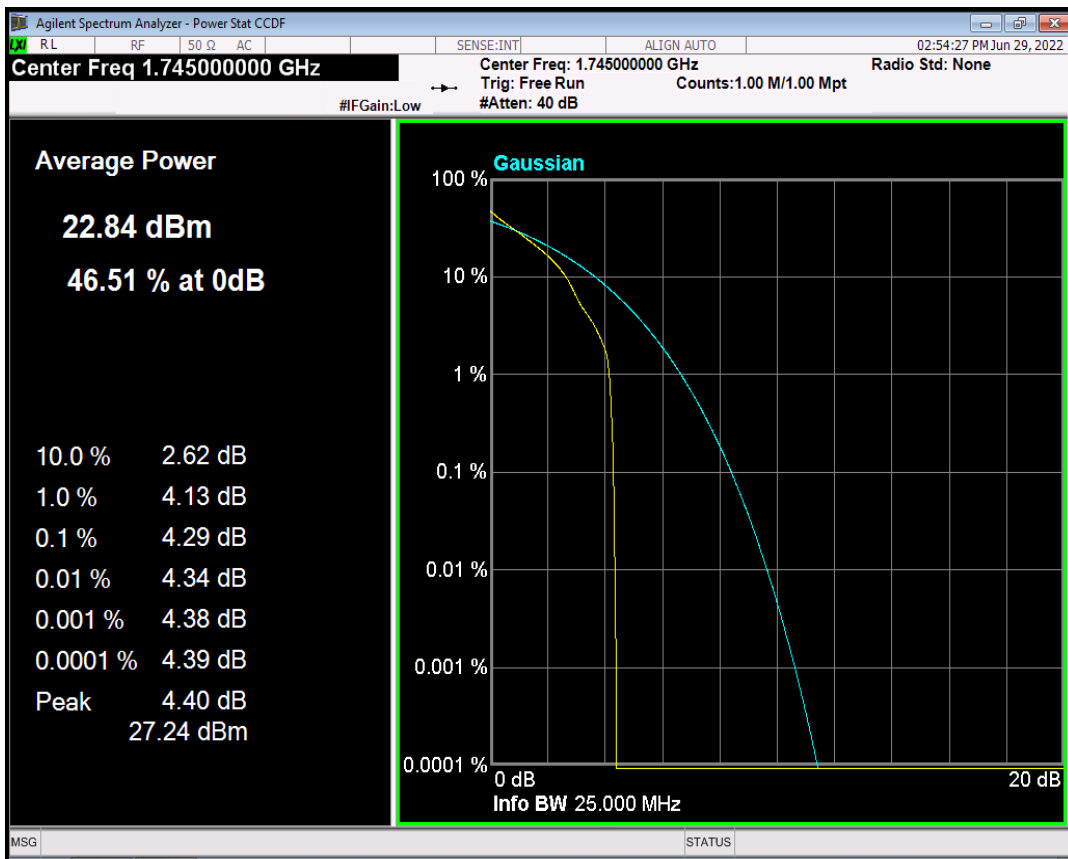


Band66 QAM16 BW=10MHz Channel=132022 RB Size=1 Position=#0

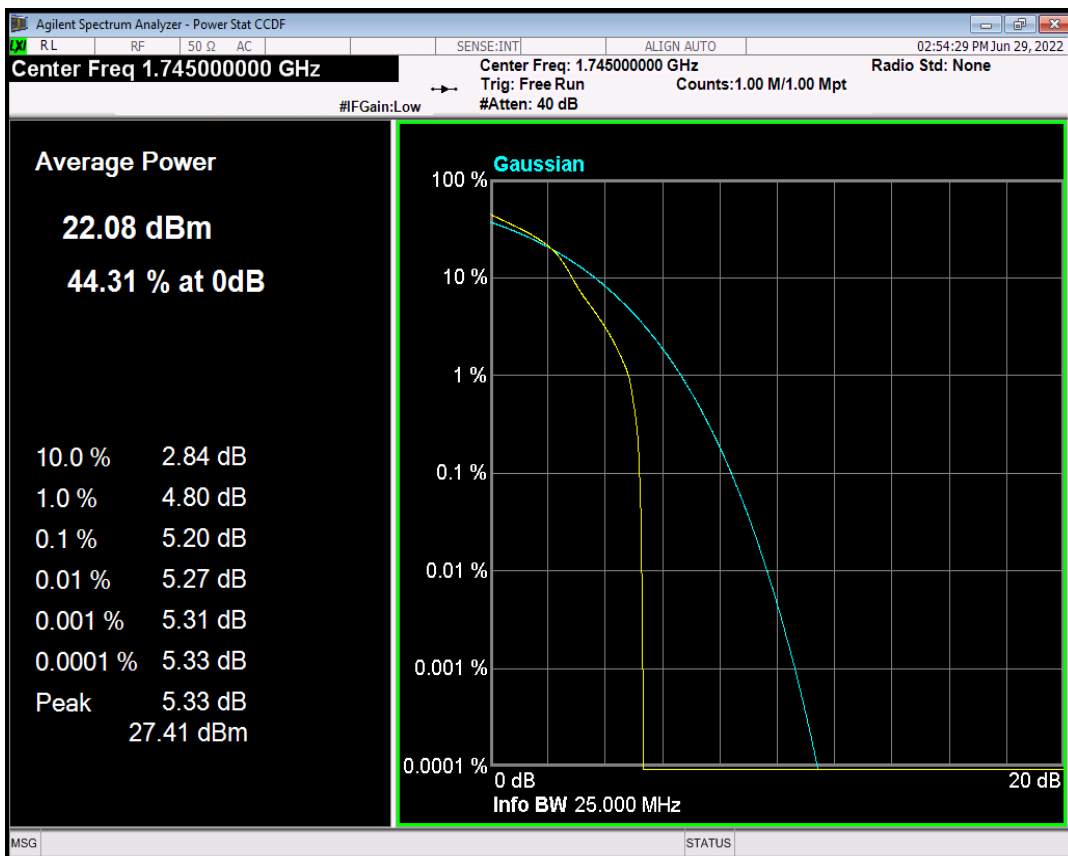




Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0

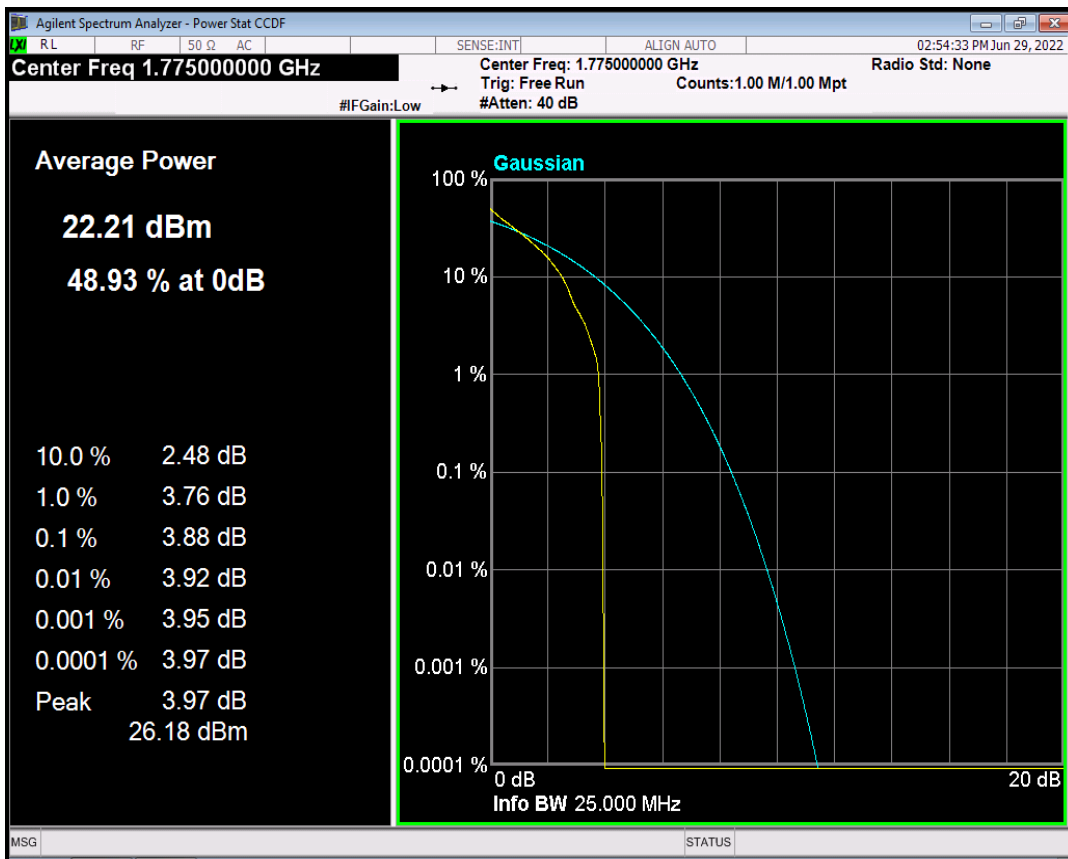


Band66 QAM16 BW=10MHz Channel=132322 RB Size=1 Position=#0

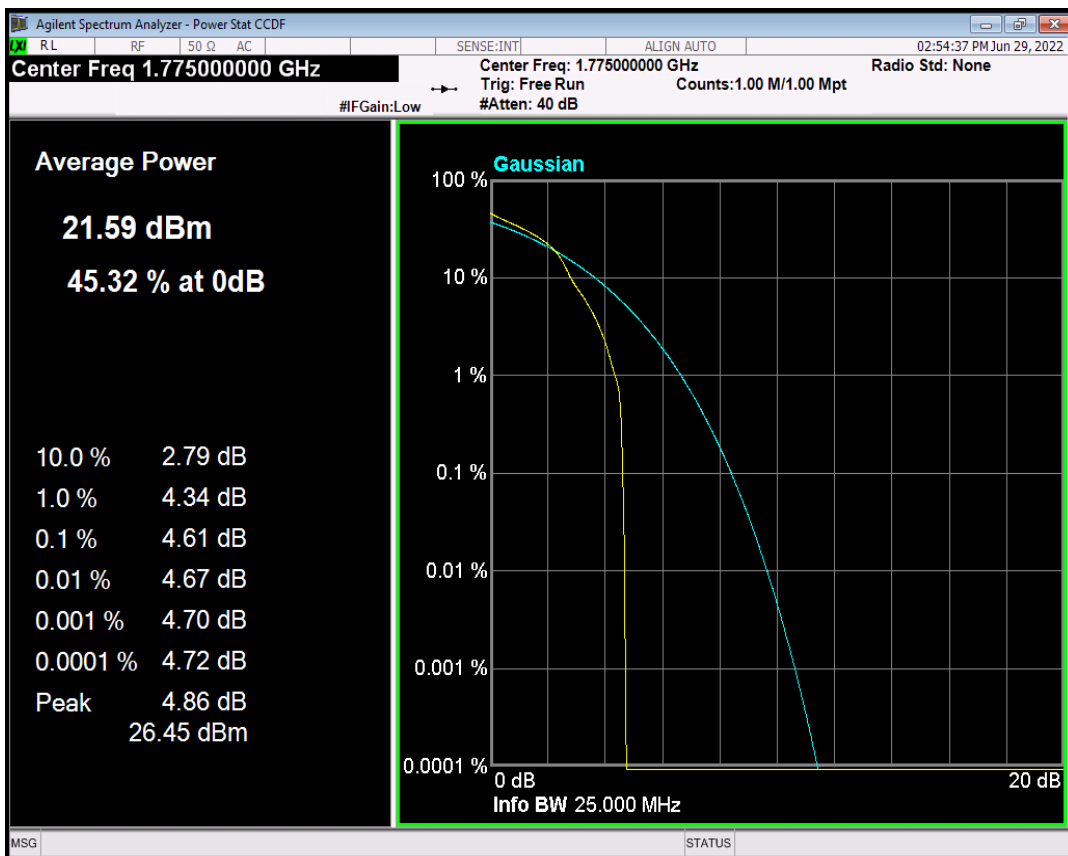




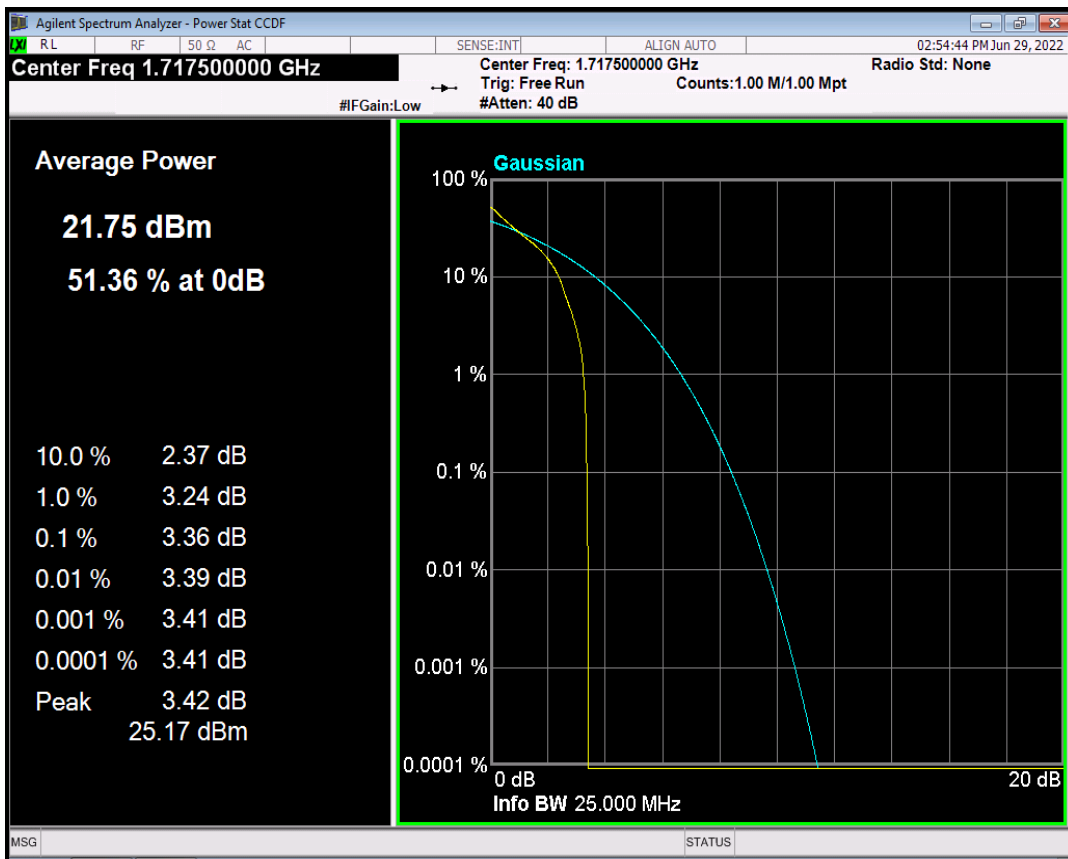
Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#0



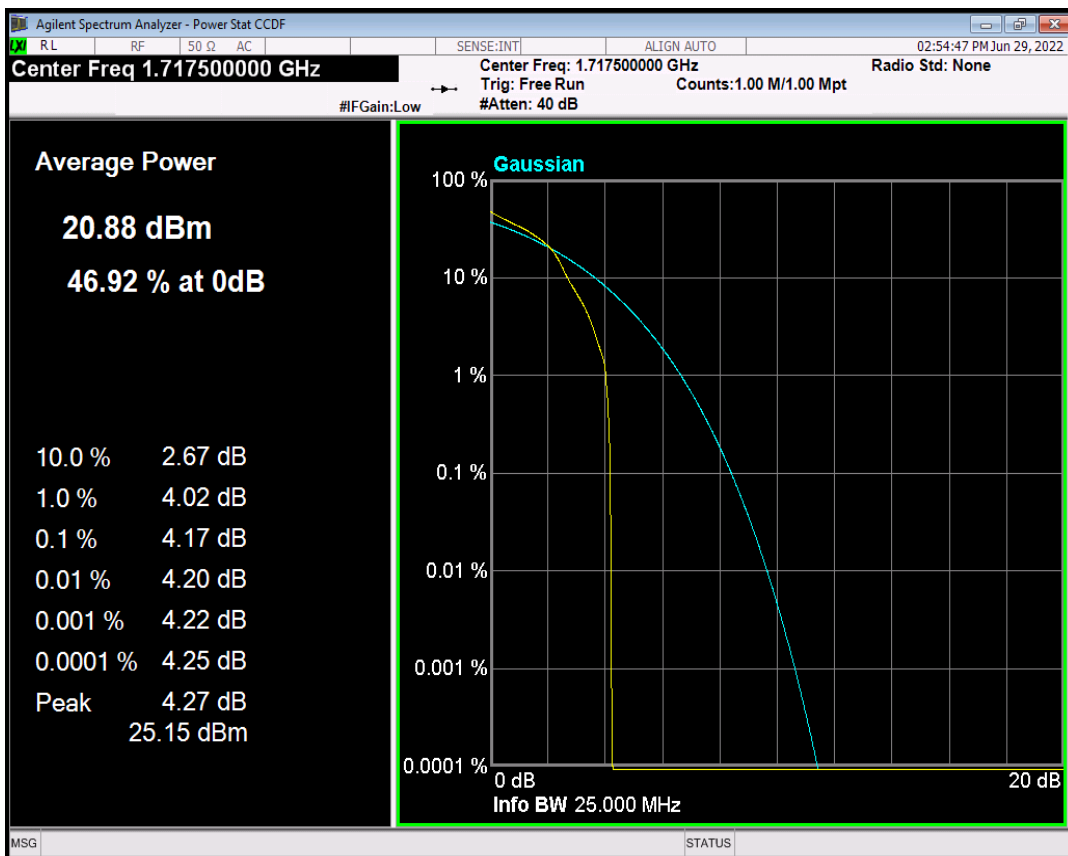
Band66 QAM16 BW=10MHz Channel=132622 RB Size=1 Position=#0



Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0

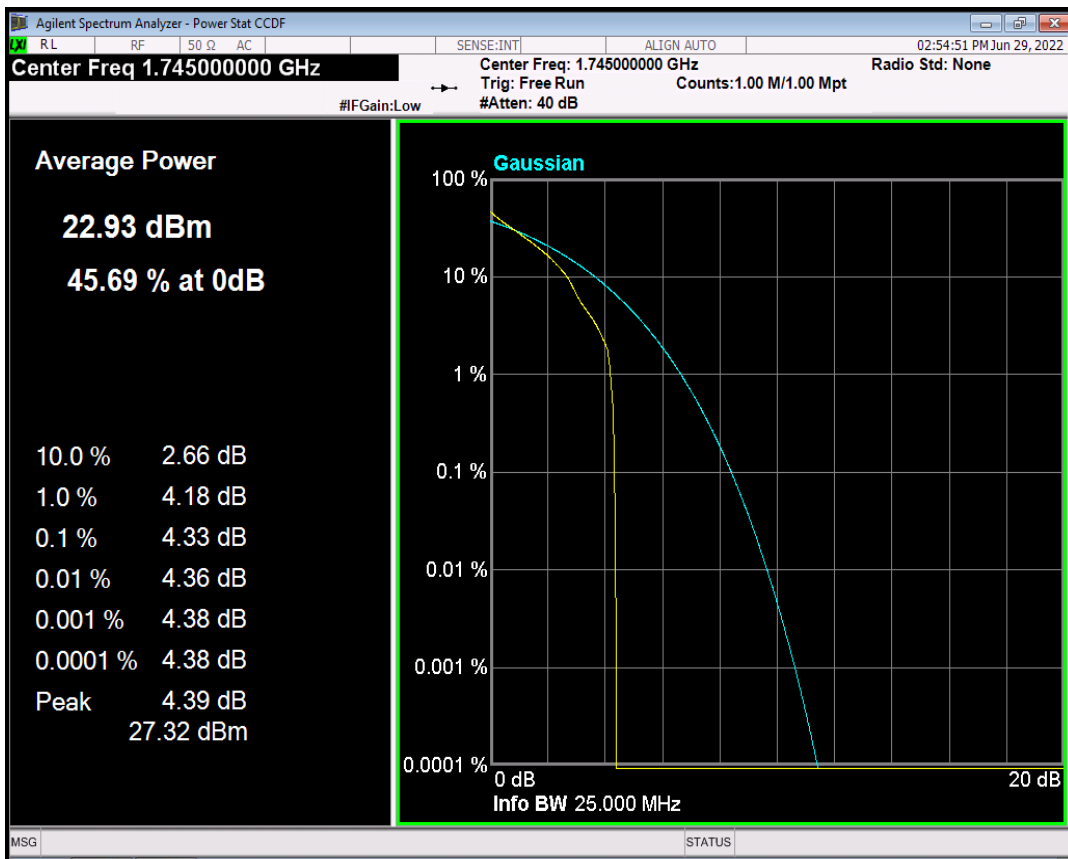


Band66 QAM16 BW=15MHz Channel=132047 RB Size=1 Position=#0

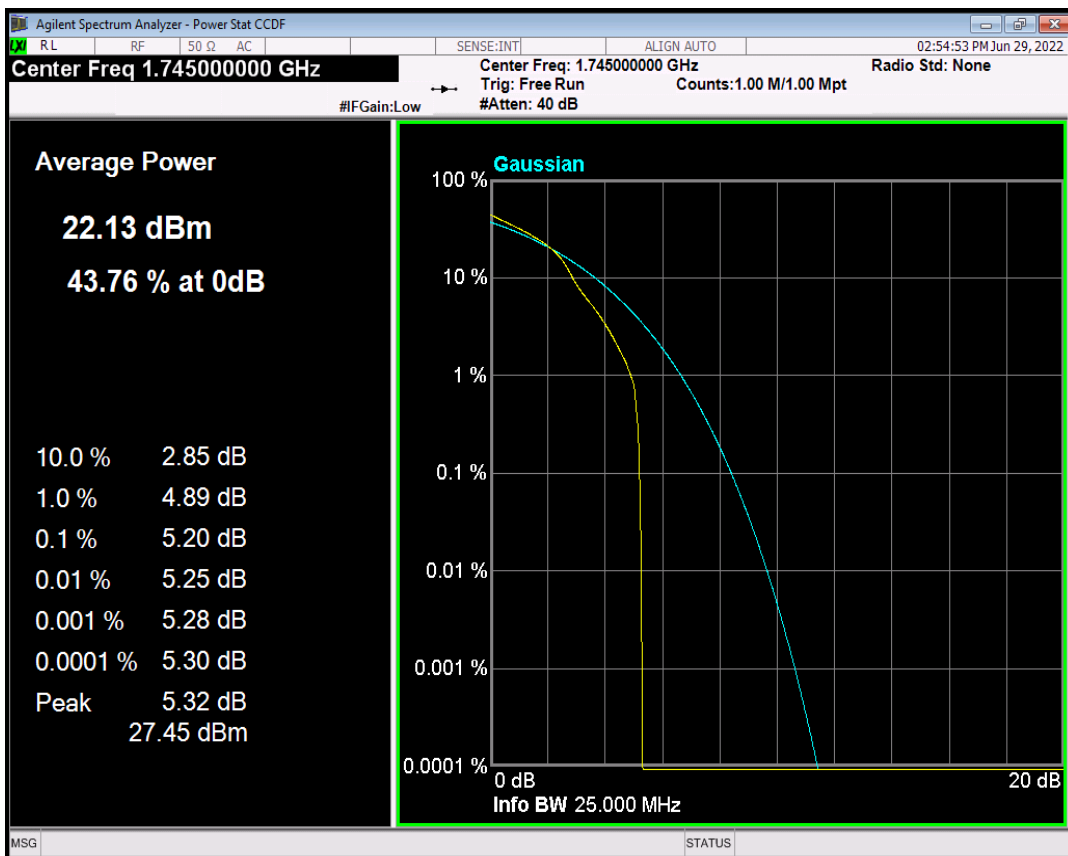




Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0

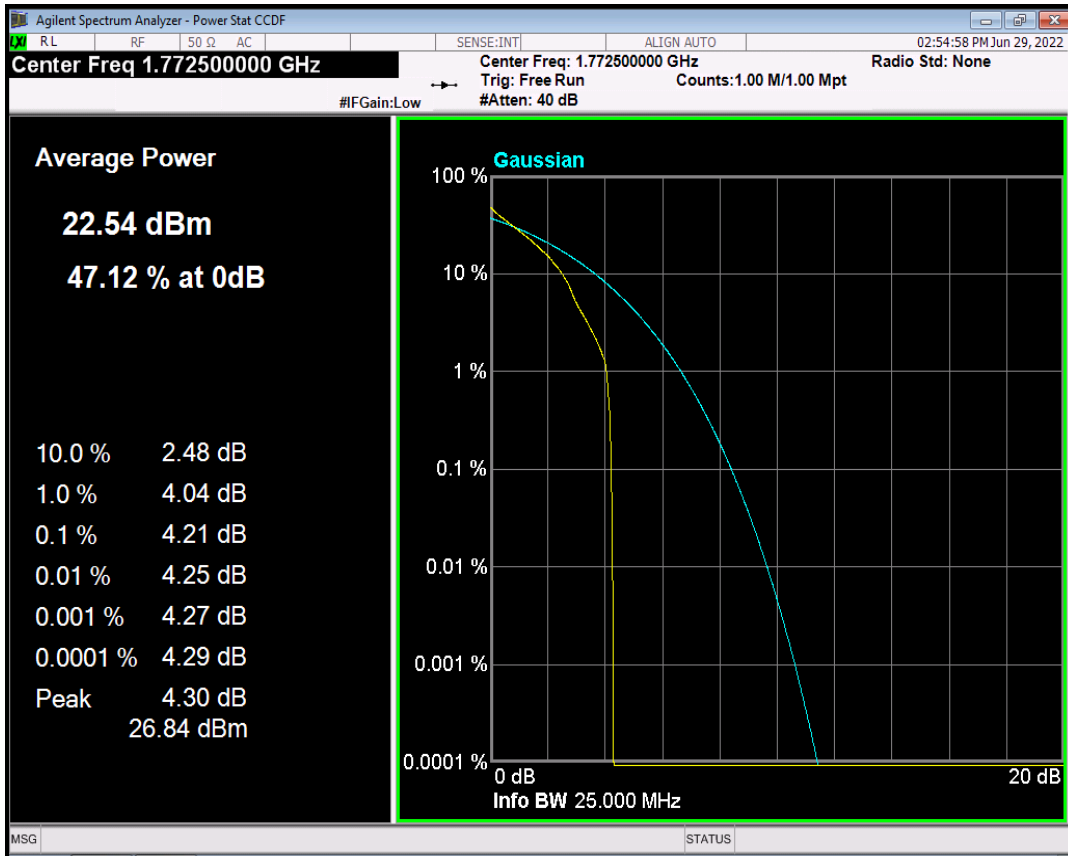


Band66 QAM16 BW=15MHz Channel=132322 RB Size=1 Position=#0

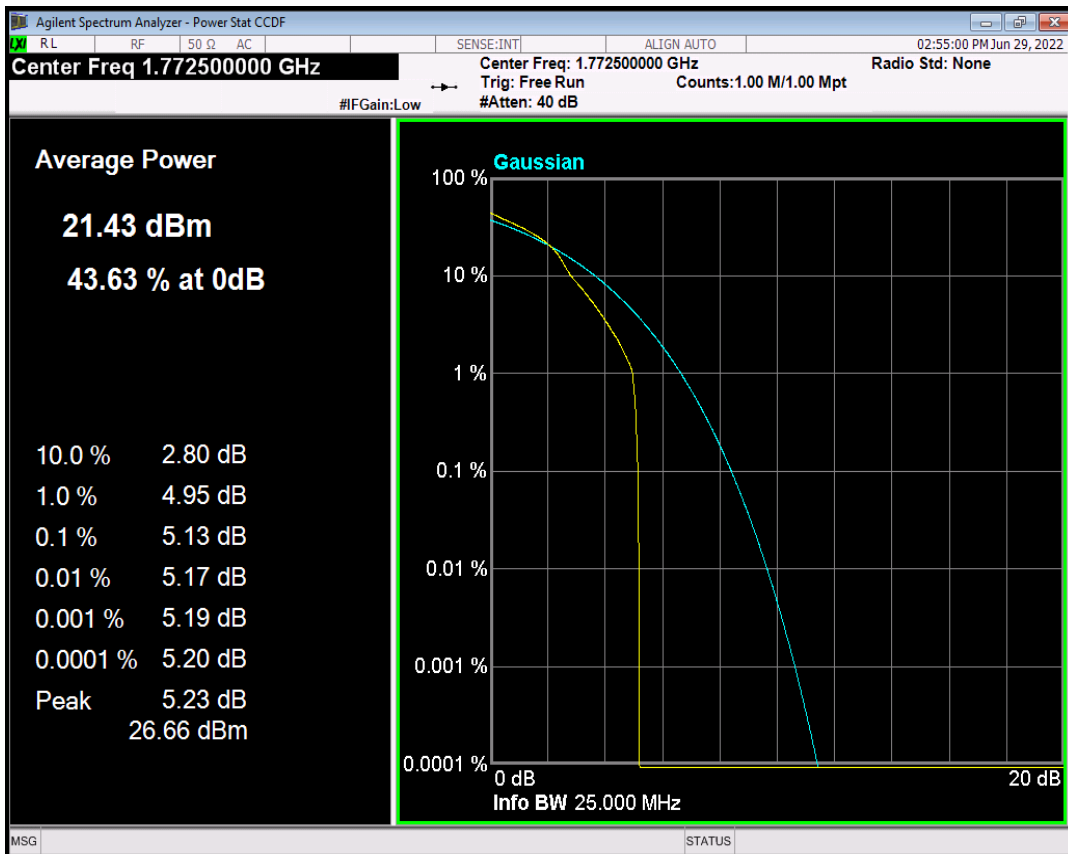




Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0

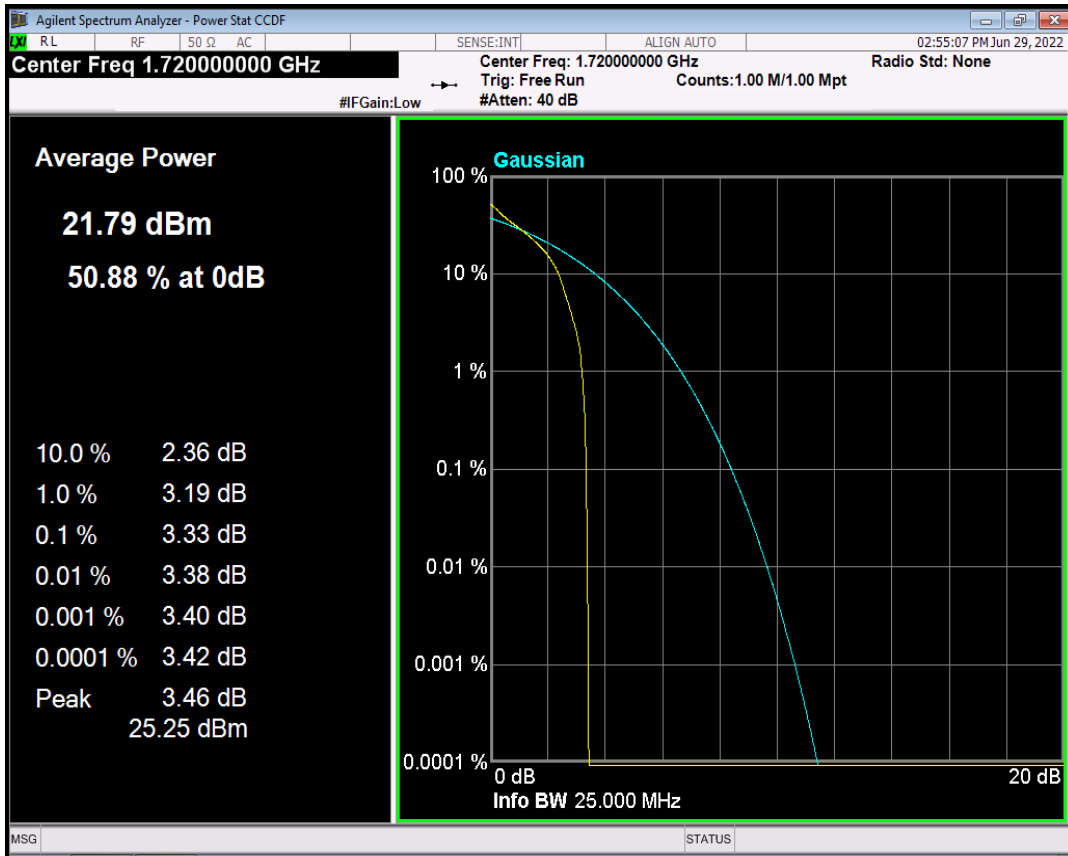


Band66 QAM16 BW=15MHz Channel=132597 RB Size=1 Position=#0

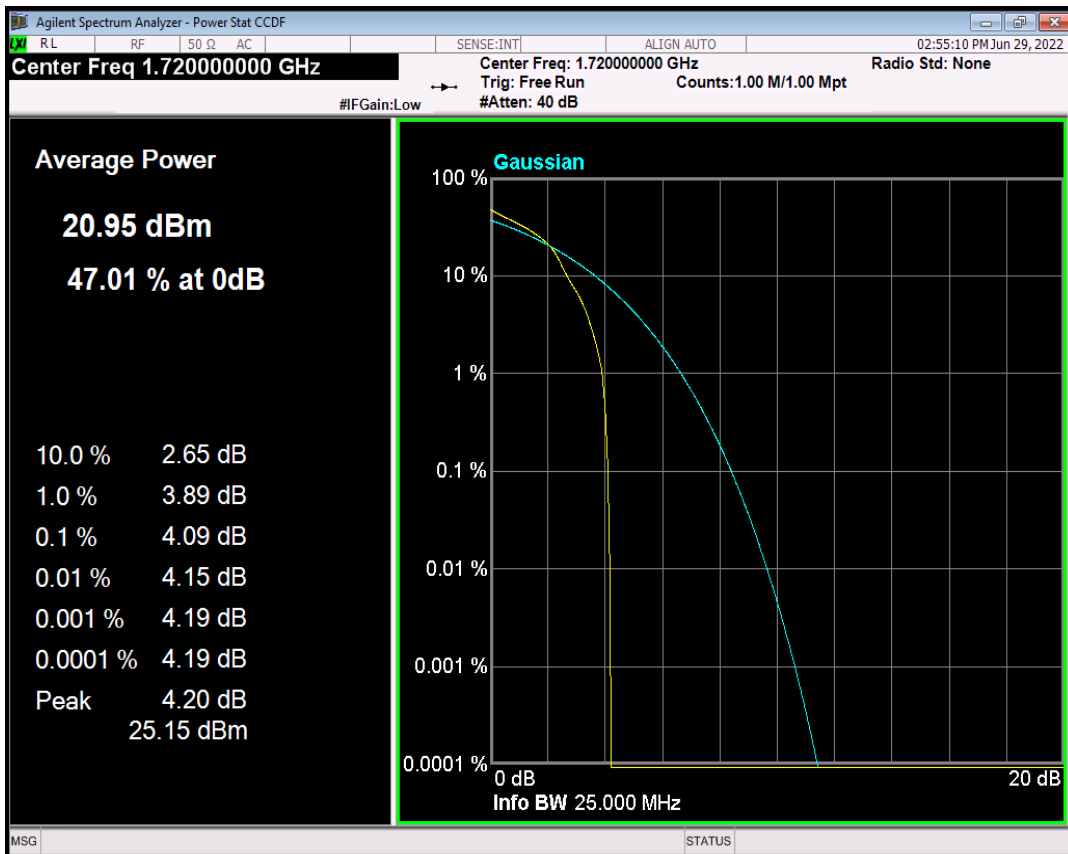




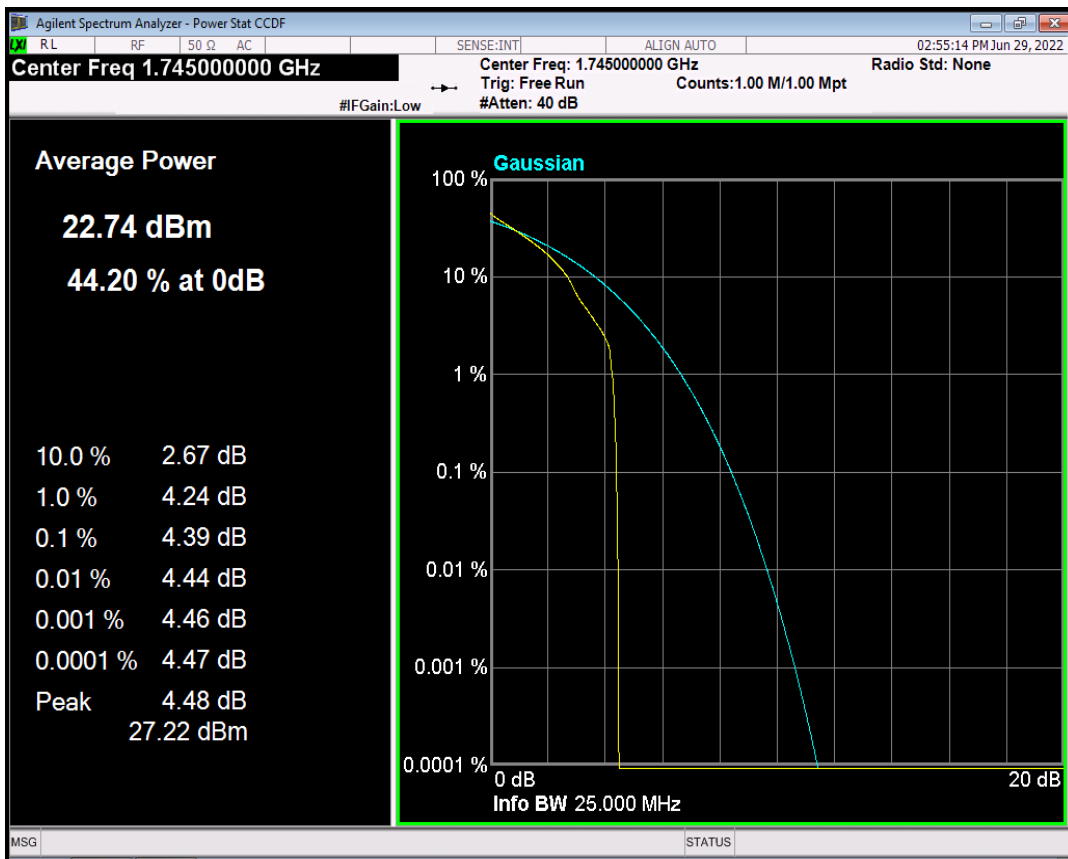
Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0



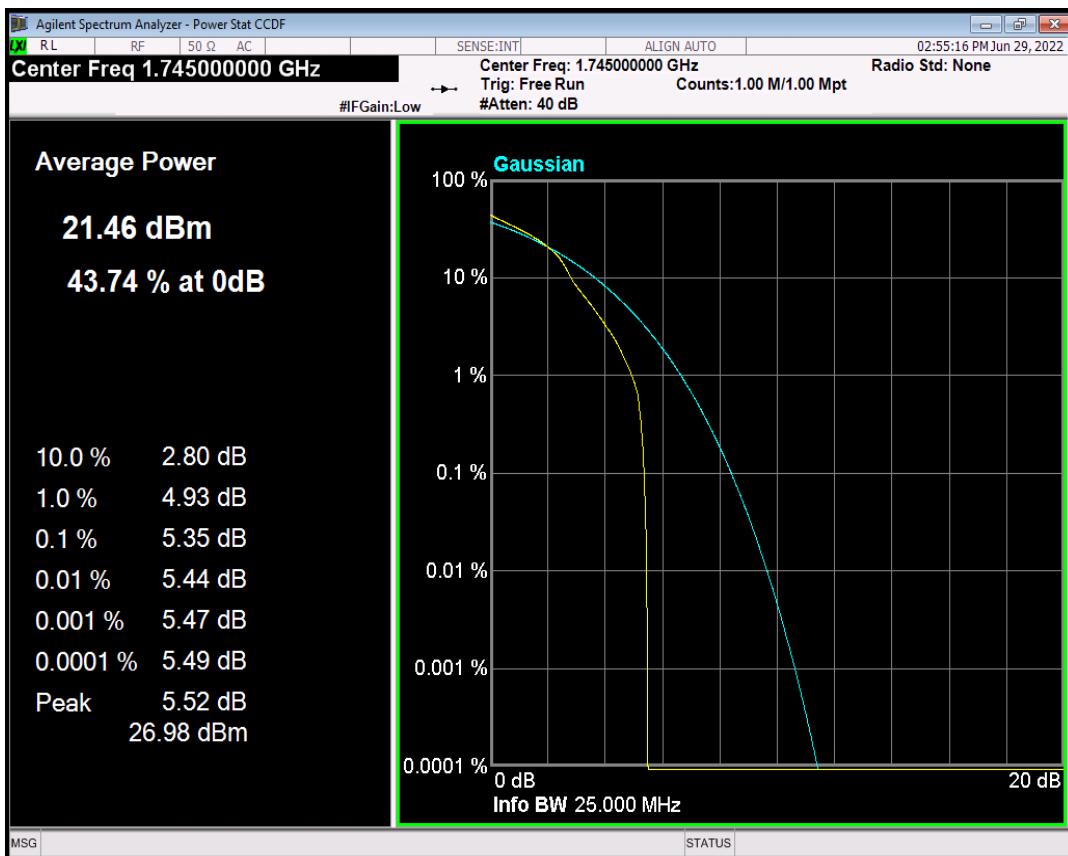
Band66 QAM16 BW=20MHz Channel=132072 RB Size=1 Position=#0



Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0

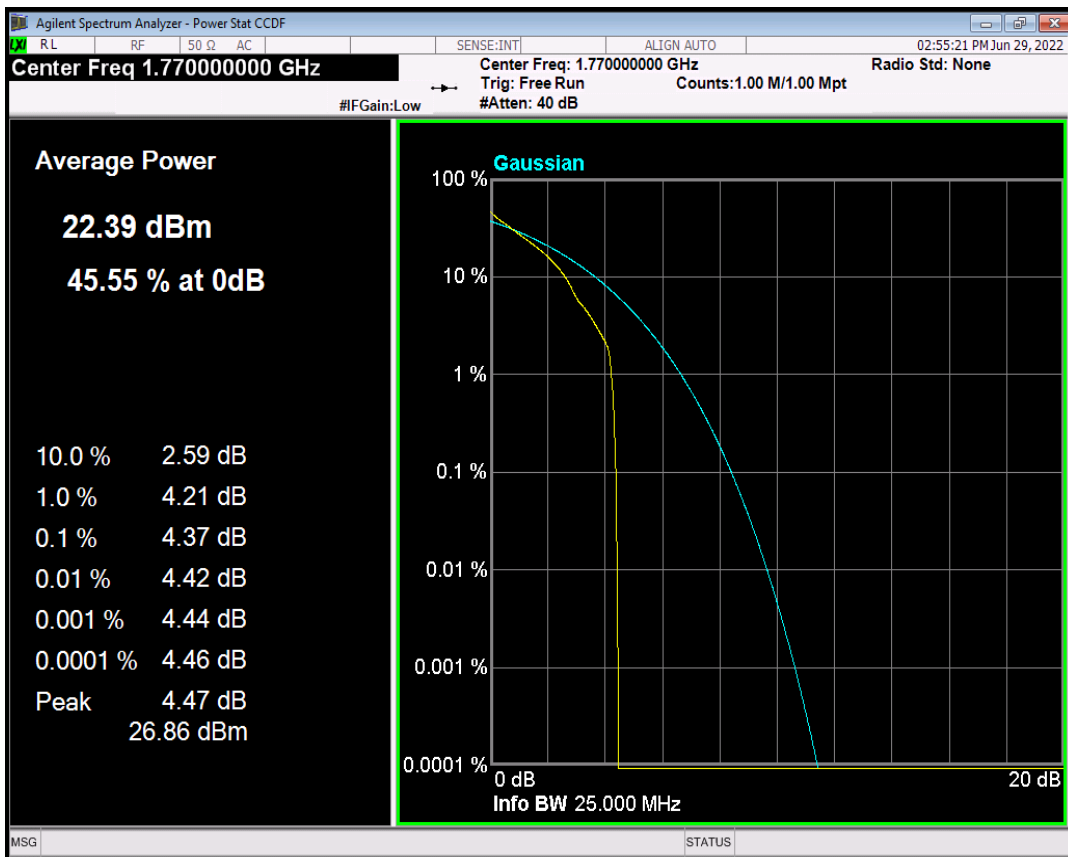


Band66 QAM16 BW=20MHz Channel=132322 RB Size=1 Position=#0

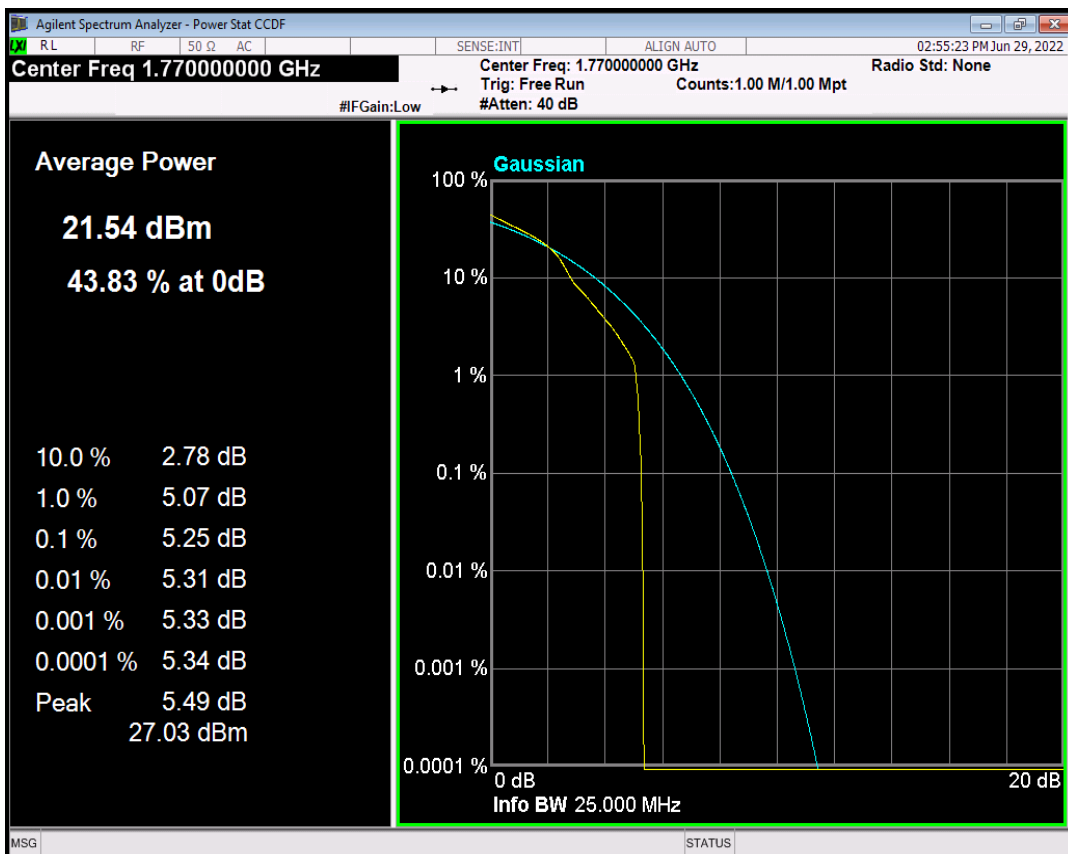




Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0



Band66 QAM16 BW=20MHz Channel=132572 RB Size=1 Position=#0

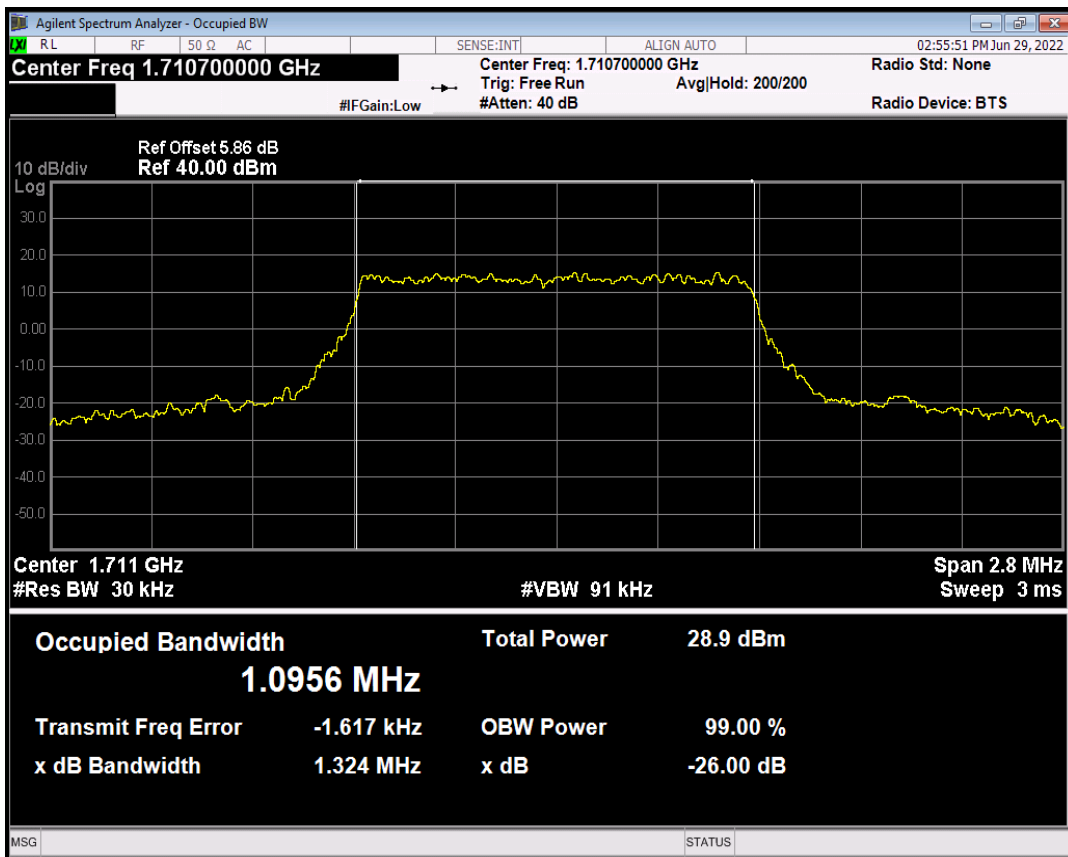


Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band66	1.4	131979	6	#0	QPSK	1.096	1.324	PASS
Band66	1.4	131979	6	#0	QAM16	1.100	1.314	PASS
Band66	1.4	132322	6	#0	QPSK	1.093	1.295	PASS
Band66	1.4	132322	6	#0	QAM16	1.095	1.297	PASS
Band66	1.4	132665	6	#0	QPSK	1.101	1.311	PASS
Band66	1.4	132665	6	#0	QAM16	1.091	1.270	PASS
Band66	3	131987	15	#0	QPSK	2.702	3.012	PASS
Band66	3	131987	15	#0	QAM16	2.709	2.986	PASS
Band66	3	132322	15	#0	QPSK	2.700	2.993	PASS
Band66	3	132322	15	#0	QAM16	2.699	2.974	PASS
Band66	3	132657	15	#0	QPSK	2.707	2.986	PASS
Band66	3	132657	15	#0	QAM16	2.707	2.994	PASS
Band66	5	131997	25	#0	QPSK	4.511	4.962	PASS
Band66	5	131997	25	#0	QAM16	4.510	4.989	PASS
Band66	5	132322	25	#0	QPSK	4.506	4.948	PASS
Band66	5	132322	25	#0	QAM16	4.529	4.958	PASS
Band66	5	132647	25	#0	QPSK	4.514	5.051	PASS
Band66	5	132647	25	#0	QAM16	4.507	5.040	PASS
Band66	10	132022	50	#0	QPSK	8.980	9.838	PASS
Band66	10	132022	50	#0	QAM16	8.972	9.771	PASS
Band66	10	132322	50	#0	QPSK	8.932	9.738	PASS
Band66	10	132322	50	#0	QAM16	8.972	9.733	PASS
Band66	10	132622	50	#0	QPSK	8.961	9.798	PASS
Band66	10	132622	50	#0	QAM16	8.949	9.727	PASS
Band66	15	132047	75	#0	QPSK	13.462	14.592	PASS
Band66	15	132047	75	#0	QAM16	13.477	14.644	PASS
Band66	15	132322	75	#0	QPSK	13.388	14.592	PASS
Band66	15	132322	75	#0	QAM16	13.401	14.608	PASS
Band66	15	132597	75	#0	QPSK	13.412	14.590	PASS
Band66	15	132597	75	#0	QAM16	13.446	14.439	PASS
Band66	20	132072	100	#0	QPSK	18.002	19.466	PASS
Band66	20	132072	100	#0	QAM16	18.074	19.422	PASS
Band66	20	132322	100	#0	QPSK	17.824	19.325	PASS
Band66	20	132322	100	#0	QAM16	17.842	19.089	PASS
Band66	20	132572	100	#0	QPSK	17.874	19.449	PASS
Band66	20	132572	100	#0	QAM16	17.914	19.407	PASS



Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



Band66 QAM16 BW=1.4MHz Channel=131979 RB Size=6 Position=#0

