

Appendix for Band 66

Report No.: BCTC2403018610-2E

Applicant: Guangzhou T-Mark Technology Co., Ltd.

Product Name: GPS Tracker

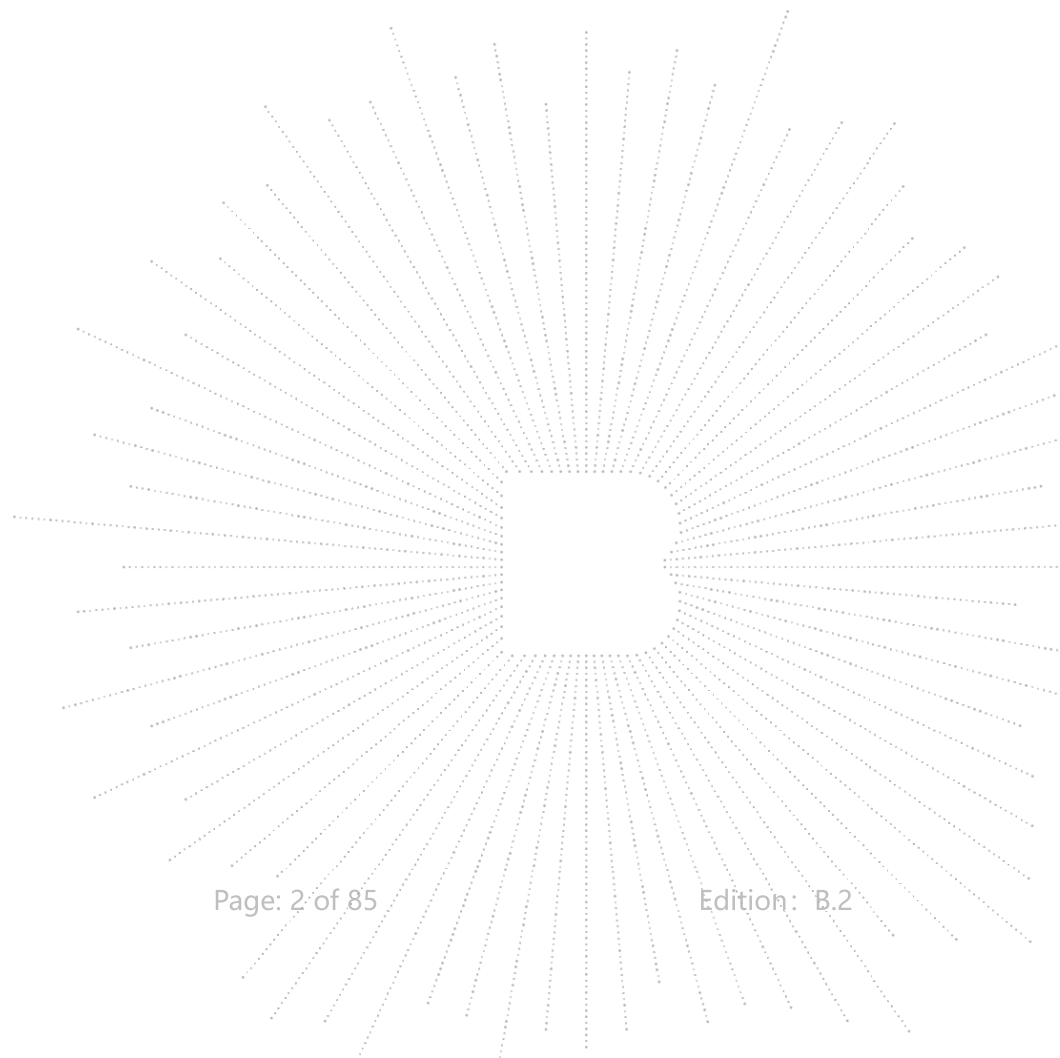
Test Model: T4-1C

Tested Date: 2024-03-19 to 2024-05-14

Shenzhen BCTC Testing Co., Ltd.

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

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band66	1.4	131979	1	#0	QPSK	23.40	2.6	26.00	PASS
Band66	1.4	131979	1	#Mid	QPSK	23.36	2.6	25.96	PASS
Band66	1.4	131979	1	#Max	QPSK	23.25	2.6	25.85	PASS
Band66	1.4	131979	3	#0	QPSK	23.13	2.6	25.73	PASS
Band66	1.4	131979	3	#Mid	QPSK	23.16	2.6	25.76	PASS
Band66	1.4	131979	3	#Max	QPSK	23.13	2.6	25.73	PASS
Band66	1.4	131979	6	#0	QPSK	22.32	2.6	24.92	PASS
Band66	1.4	131979	1	#0	16QAM	22.53	2.6	25.13	PASS
Band66	1.4	131979	1	#Mid	16QAM	22.52	2.6	25.12	PASS
Band66	1.4	131979	1	#Max	16QAM	22.59	2.6	25.19	PASS
Band66	1.4	131979	3	#0	16QAM	22.61	2.6	25.21	PASS
Band66	1.4	131979	3	#Mid	16QAM	22.60	2.6	25.20	PASS
Band66	1.4	131979	3	#Max	16QAM	22.56	2.6	25.16	PASS
Band66	1.4	131979	6	#0	16QAM	21.74	2.6	24.34	PASS
Band66	1.4	132322	1	#0	QPSK	23.59	2.6	26.19	PASS
Band66	1.4	132322	1	#Mid	QPSK	23.57	2.6	26.17	PASS
Band66	1.4	132322	1	#Max	QPSK	23.49	2.6	26.09	PASS
Band66	1.4	132322	3	#0	QPSK	23.47	2.6	26.07	PASS
Band66	1.4	132322	3	#Mid	QPSK	23.43	2.6	26.03	PASS
Band66	1.4	132322	3	#Max	QPSK	23.50	2.6	26.10	PASS
Band66	1.4	132322	6	#0	QPSK	22.59	2.6	25.19	PASS
Band66	1.4	132322	1	#0	16QAM	22.86	2.6	25.46	PASS
Band66	1.4	132322	1	#Mid	16QAM	22.85	2.6	25.45	PASS
Band66	1.4	132322	1	#Max	16QAM	22.96	2.6	25.56	PASS
Band66	1.4	132322	3	#0	16QAM	22.96	2.6	25.56	PASS
Band66	1.4	132322	3	#Mid	16QAM	22.97	2.6	25.57	PASS
Band66	1.4	132322	3	#Max	16QAM	22.96	2.6	25.56	PASS
Band66	1.4	132322	6	#0	16QAM	22.02	2.6	24.62	PASS
Band66	1.4	132665	1	#0	QPSK	22.40	2.6	25.00	PASS
Band66	1.4	132665	1	#Mid	QPSK	22.45	2.6	25.05	PASS
Band66	1.4	132665	1	#Max	QPSK	22.47	2.6	25.07	PASS
Band66	1.4	132665	3	#0	QPSK	22.21	2.6	24.81	PASS
Band66	1.4	132665	3	#Mid	QPSK	22.27	2.6	24.87	PASS
Band66	1.4	132665	3	#Max	QPSK	22.38	2.6	24.98	PASS
Band66	1.4	132665	6	#0	QPSK	21.35	2.6	23.95	PASS

Band66	1.4	132665	1	#0	16QAM	21.31	2.6	23.91	PASS
Band66	1.4	132665	1	#Mid	16QAM	21.42	2.6	24.02	PASS
Band66	1.4	132665	1	#Max	16QAM	21.48	2.6	24.08	PASS
Band66	1.4	132665	3	#0	16QAM	21.65	2.6	24.25	PASS
Band66	1.4	132665	3	#Mid	16QAM	21.64	2.6	24.24	PASS
Band66	1.4	132665	3	#Max	16QAM	21.70	2.6	24.30	PASS
Band66	1.4	132665	6	#0	16QAM	20.94	2.6	23.54	PASS
Band66	3	131987	1	#0	QPSK	23.05	2.6	25.65	PASS
Band66	3	131987	1	#Mid	QPSK	23.04	2.6	25.64	PASS
Band66	3	131987	1	#Max	QPSK	22.82	2.6	25.42	PASS
Band66	3	131987	8	#0	QPSK	22.19	2.6	24.79	PASS
Band66	3	131987	8	#Mid	QPSK	22.20	2.6	24.80	PASS
Band66	3	131987	8	#Max	QPSK	22.15	2.6	24.75	PASS
Band66	3	131987	15	#0	QPSK	22.19	2.6	24.79	PASS
Band66	3	131987	1	#0	16QAM	22.63	2.6	25.23	PASS
Band66	3	131987	1	#Mid	16QAM	22.69	2.6	25.29	PASS
Band66	3	131987	1	#Max	16QAM	22.46	2.6	25.06	PASS
Band66	3	131987	8	#0	16QAM	21.42	2.6	24.02	PASS
Band66	3	131987	8	#Mid	16QAM	21.44	2.6	24.04	PASS
Band66	3	131987	8	#Max	16QAM	21.39	2.6	23.99	PASS
Band66	3	131987	15	#0	16QAM	21.43	2.6	24.03	PASS
Band66	3	132322	1	#0	QPSK	23.46	2.6	26.06	PASS
Band66	3	132322	1	#Mid	QPSK	23.49	2.6	26.09	PASS
Band66	3	132322	1	#Max	QPSK	23.44	2.6	26.04	PASS
Band66	3	132322	8	#0	QPSK	22.56	2.6	25.16	PASS
Band66	3	132322	8	#Mid	QPSK	22.59	2.6	25.19	PASS
Band66	3	132322	8	#Max	QPSK	22.67	2.6	25.27	PASS
Band66	3	132322	15	#0	QPSK	22.55	2.6	25.15	PASS
Band66	3	132322	1	#0	16QAM	22.77	2.6	25.37	PASS
Band66	3	132322	1	#Mid	16QAM	22.96	2.6	25.56	PASS
Band66	3	132322	1	#Max	16QAM	22.83	2.6	25.43	PASS
Band66	3	132322	8	#0	16QAM	21.80	2.6	24.40	PASS
Band66	3	132322	8	#Mid	16QAM	21.86	2.6	24.46	PASS
Band66	3	132322	8	#Max	16QAM	21.92	2.6	24.52	PASS
Band66	3	132322	15	#0	16QAM	21.80	2.6	24.40	PASS
Band66	3	132657	1	#0	QPSK	21.91	2.6	24.51	PASS
Band66	3	132657	1	#Mid	QPSK	22.32	2.6	24.92	PASS
Band66	3	132657	1	#Max	QPSK	22.55	2.6	25.15	PASS
Band66	3	132657	8	#0	QPSK	21.09	2.6	23.69	PASS
Band66	3	132657	8	#Mid	QPSK	21.29	2.6	23.89	PASS
Band66	3	132657	8	#Max	QPSK	21.36	2.6	23.96	PASS
Band66	3	132657	15	#0	QPSK	21.28	2.6	23.88	PASS

Band66	3	132657	1	#0	16QAM	20.91	2.6	23.51	PASS
Band66	3	132657	1	#Mid	16QAM	21.34	2.6	23.94	PASS
Band66	3	132657	1	#Max	16QAM	21.48	2.6	24.08	PASS
Band66	3	132657	8	#0	16QAM	20.42	2.6	23.02	PASS
Band66	3	132657	8	#Mid	16QAM	20.58	2.6	23.18	PASS
Band66	3	132657	8	#Max	16QAM	20.77	2.6	23.37	PASS
Band66	3	132657	15	#0	16QAM	20.61	2.6	23.21	PASS
Band66	5	131997	1	#0	QPSK	23.27	2.6	25.87	PASS
Band66	5	131997	1	#Mid	QPSK	23.12	2.6	25.72	PASS
Band66	5	131997	1	#Max	QPSK	22.88	2.6	25.48	PASS
Band66	5	131997	12	#0	QPSK	22.14	2.6	24.74	PASS
Band66	5	131997	12	#Mid	QPSK	22.17	2.6	24.77	PASS
Band66	5	131997	12	#Max	QPSK	22.02	2.6	24.62	PASS
Band66	5	131997	25	#0	QPSK	22.07	2.6	24.67	PASS
Band66	5	131997	1	#0	16QAM	22.78	2.6	25.38	PASS
Band66	5	131997	1	#Mid	16QAM	22.72	2.6	25.32	PASS
Band66	5	131997	1	#Max	16QAM	22.55	2.6	25.15	PASS
Band66	5	131997	12	#0	16QAM	21.35	2.6	23.95	PASS
Band66	5	131997	12	#Mid	16QAM	21.41	2.6	24.01	PASS
Band66	5	131997	12	#Max	16QAM	21.28	2.6	23.88	PASS
Band66	5	131997	25	#0	16QAM	21.29	2.6	23.89	PASS
Band66	5	132322	1	#0	QPSK	23.60	2.6	26.20	PASS
Band66	5	132322	1	#Mid	QPSK	23.56	2.6	26.16	PASS
Band66	5	132322	1	#Max	QPSK	23.49	2.6	26.09	PASS
Band66	5	132322	12	#0	QPSK	22.56	2.6	25.16	PASS
Band66	5	132322	12	#Mid	QPSK	22.64	2.6	25.24	PASS
Band66	5	132322	12	#Max	QPSK	22.60	2.6	25.20	PASS
Band66	5	132322	25	#0	QPSK	22.61	2.6	25.21	PASS
Band66	5	132322	1	#0	16QAM	22.99	2.6	25.59	PASS
Band66	5	132322	1	#Mid	16QAM	23.09	2.6	25.69	PASS
Band66	5	132322	1	#Max	16QAM	23.04	2.6	25.64	PASS
Band66	5	132322	12	#0	16QAM	21.85	2.6	24.45	PASS
Band66	5	132322	12	#Mid	16QAM	21.90	2.6	24.50	PASS
Band66	5	132322	12	#Max	16QAM	21.89	2.6	24.49	PASS
Band66	5	132322	25	#0	16QAM	21.86	2.6	24.46	PASS
Band66	5	132647	1	#0	QPSK	21.67	2.6	24.27	PASS
Band66	5	132647	1	#Mid	QPSK	22.05	2.6	24.65	PASS
Band66	5	132647	1	#Max	QPSK	22.72	2.6	25.32	PASS
Band66	5	132647	12	#0	QPSK	20.74	2.6	23.34	PASS
Band66	5	132647	12	#Mid	QPSK	21.12	2.6	23.72	PASS
Band66	5	132647	12	#Max	QPSK	21.33	2.6	23.93	PASS
Band66	5	132647	25	#0	QPSK	21.07	2.6	23.67	PASS

Band66	5	132647	1	#0	16QAM	21.02	2.6	23.62	PASS
Band66	5	132647	1	#Mid	16QAM	21.50	2.6	24.10	PASS
Band66	5	132647	1	#Max	16QAM	21.99	2.6	24.59	PASS
Band66	5	132647	12	#0	16QAM	20.11	2.6	22.71	PASS
Band66	5	132647	12	#Mid	16QAM	20.48	2.6	23.08	PASS
Band66	5	132647	12	#Max	16QAM	20.70	2.6	23.30	PASS
Band66	5	132647	25	#0	16QAM	20.35	2.6	22.95	PASS
Band66	10	132022	1	#0	QPSK	23.15	2.6	25.75	PASS
Band66	10	132022	1	#Mid	QPSK	22.86	2.6	25.46	PASS
Band66	10	132022	1	#Max	QPSK	22.55	2.6	25.15	PASS
Band66	10	132022	25	#0	QPSK	21.92	2.6	24.52	PASS
Band66	10	132022	25	#Mid	QPSK	21.95	2.6	24.55	PASS
Band66	10	132022	25	#Max	QPSK	21.73	2.6	24.33	PASS
Band66	10	132022	50	#0	QPSK	21.80	2.6	24.40	PASS
Band66	10	132322	1	#0	QPSK	23.49	2.6	26.09	PASS
Band66	10	132322	1	#Mid	QPSK	23.65	2.6	26.25	PASS
Band66	10	132322	1	#Max	QPSK	23.71	2.6	26.31	PASS
Band66	10	132322	25	#0	QPSK	22.41	2.6	25.01	PASS
Band66	10	132322	25	#Mid	QPSK	22.65	2.6	25.25	PASS
Band66	10	132322	25	#Max	QPSK	22.53	2.6	25.13	PASS
Band66	10	132322	50	#0	QPSK	22.46	2.6	25.06	PASS
Band66	10	132622	1	#0	QPSK	21.17	2.6	23.77	PASS
Band66	10	132622	1	#Mid	QPSK	21.60	2.6	24.20	PASS
Band66	10	132622	1	#Max	QPSK	23.07	2.6	25.67	PASS
Band66	10	132622	25	#0	QPSK	20.19	2.6	22.79	PASS
Band66	10	132622	25	#Mid	QPSK	20.67	2.6	23.27	PASS
Band66	10	132622	25	#Max	QPSK	20.97	2.6	23.57	PASS
Band66	10	132622	50	#0	QPSK	20.56	2.6	23.16	PASS
Band66	15	132047	1	#0	QPSK	23.14	2.6	25.74	PASS
Band66	15	132047	1	#Mid	QPSK	22.77	2.6	25.37	PASS
Band66	15	132047	1	#Max	QPSK	22.72	2.6	25.32	PASS
Band66	15	132047	36	#0	QPSK	21.88	2.6	24.48	PASS
Band66	15	132047	36	#Mid	QPSK	21.85	2.6	24.45	PASS
Band66	15	132047	36	#Max	QPSK	21.67	2.6	24.27	PASS
Band66	15	132047	75	#0	QPSK	22.72	2.6	25.32	PASS
Band66	15	132322	1	#0	QPSK	23.59	2.6	26.19	PASS
Band66	15	132322	1	#Mid	QPSK	23.74	2.6	26.34	PASS
Band66	15	132322	1	#Max	QPSK	23.62	2.6	26.22	PASS
Band66	15	132322	36	#0	QPSK	22.49	2.6	25.09	PASS
Band66	15	132322	36	#Mid	QPSK	22.64	2.6	25.24	PASS
Band66	15	132322	36	#Max	QPSK	22.69	2.6	25.29	PASS
Band66	15	132322	75	#0	QPSK	23.24	2.6	25.84	PASS

Band66	15	132597	1	#0	QPSK	22.27	2.6	24.87	PASS
Band66	15	132597	1	#Mid	QPSK	21.61	2.6	24.21	PASS
Band66	15	132597	1	#Max	QPSK	22.44	2.6	25.04	PASS
Band66	15	132597	36	#0	QPSK	20.63	2.6	23.23	PASS
Band66	15	132597	36	#Mid	QPSK	20.64	2.6	23.24	PASS
Band66	15	132597	36	#Max	QPSK	20.87	2.6	23.47	PASS
Band66	15	132597	75	#0	QPSK	21.14	2.6	23.74	PASS
Band66	20	132072	1	#0	QPSK	23.54	2.6	26.14	PASS
Band66	20	132072	1	#Mid	QPSK	22.90	2.6	25.50	PASS
Band66	20	132072	1	#Max	QPSK	23.04	2.6	25.64	PASS
Band66	20	132072	50	#0	QPSK	21.98	2.6	24.58	PASS
Band66	20	132072	50	#Mid	QPSK	21.80	2.6	24.40	PASS
Band66	20	132072	50	#Max	QPSK	21.75	2.6	24.35	PASS
Band66	20	132072	100	#0	QPSK	22.73	2.6	25.33	PASS
Band66	20	132322	1	#0	QPSK	23.52	2.6	26.12	PASS
Band66	20	132322	1	#Mid	QPSK	23.74	2.6	26.34	PASS
Band66	20	132322	1	#Max	QPSK	23.49	2.6	26.09	PASS
Band66	20	132322	50	#0	QPSK	22.42	2.6	25.02	PASS
Band66	20	132322	50	#Mid	QPSK	22.64	2.6	25.24	PASS
Band66	20	132322	50	#Max	QPSK	22.67	2.6	25.27	PASS
Band66	20	132322	100	#0	QPSK	23.13	2.6	25.73	PASS
Band66	20	132572	1	#0	QPSK	23.08	2.6	25.68	PASS
Band66	20	132572	1	#Mid	QPSK	21.58	2.6	24.18	PASS
Band66	20	132572	1	#Max	QPSK	22.20	2.6	24.80	PASS
Band66	20	132572	50	#0	QPSK	21.12	2.6	23.72	PASS
Band66	20	132572	50	#Mid	QPSK	20.56	2.6	23.16	PASS
Band66	20	132572	50	#Max	QPSK	20.67	2.6	23.27	PASS
Band66	20	132572	100	#0	QPSK	22.53	2.6	25.13	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band66	1.4	131979	6	#0	QPSK	LV	NT	-19.64	-0.011	PASS
Band66	1.4	131979	6	#0	QPSK	NV	NT	-14.10	-0.008	PASS
Band66	1.4	131979	6	#0	QPSK	HV	NT	-20.28	-0.012	PASS
Band66	1.4	131979	6	#0	16QAM	LV	NT	-18.18	-0.011	PASS
Band66	1.4	131979	6	#0	16QAM	NV	NT	-17.65	-0.010	PASS
Band66	1.4	131979	6	#0	16QAM	HV	NT	-13.55	-0.008	PASS
Band66	1.4	132322	6	#0	QPSK	LV	NT	-15.66	-0.009	PASS
Band66	1.4	132322	6	#0	QPSK	NV	NT	-21.94	-0.013	PASS
Band66	1.4	132322	6	#0	QPSK	HV	NT	-24.63	-0.014	PASS
Band66	1.4	132322	6	#0	16QAM	LV	NT	-14.92	-0.009	PASS
Band66	1.4	132322	6	#0	16QAM	NV	NT	-18.91	-0.011	PASS
Band66	1.4	132322	6	#0	16QAM	HV	NT	-14.13	-0.008	PASS
Band66	1.4	132665	6	#0	QPSK	LV	NT	-13.88	-0.008	PASS
Band66	1.4	132665	6	#0	QPSK	NV	NT	-21.31	-0.012	PASS
Band66	1.4	132665	6	#0	QPSK	HV	NT	-18.75	-0.011	PASS
Band66	1.4	132665	6	#0	16QAM	LV	NT	-9.27	-0.005	PASS
Band66	1.4	132665	6	#0	16QAM	NV	NT	-13.16	-0.007	PASS
Band66	1.4	132665	6	#0	16QAM	HV	NT	-19.38	-0.011	PASS
Band66	3	131987	15	#0	QPSK	LV	NT	-10.80	-0.006	PASS
Band66	3	131987	15	#0	QPSK	NV	NT	-20.43	-0.012	PASS
Band66	3	131987	15	#0	QPSK	HV	NT	-16.02	-0.009	PASS
Band66	3	131987	15	#0	16QAM	LV	NT	-13.16	-0.008	PASS
Band66	3	131987	15	#0	16QAM	NV	NT	-17.65	-0.010	PASS
Band66	3	131987	15	#0	16QAM	HV	NT	-12.23	-0.007	PASS
Band66	3	132322	15	#0	QPSK	LV	NT	-12.96	-0.007	PASS
Band66	3	132322	15	#0	QPSK	NV	NT	-11.23	-0.006	PASS
Band66	3	132322	15	#0	QPSK	HV	NT	-16.57	-0.009	PASS
Band66	3	132322	15	#0	16QAM	LV	NT	-11.42	-0.007	PASS
Band66	3	132322	15	#0	16QAM	NV	NT	-16.62	-0.010	PASS
Band66	3	132322	15	#0	16QAM	HV	NT	-12.40	-0.007	PASS
Band66	3	132657	15	#0	QPSK	LV	NT	-12.04	-0.007	PASS
Band66	3	132657	15	#0	QPSK	NV	NT	-18.97	-0.011	PASS
Band66	3	132657	15	#0	QPSK	HV	NT	-16.74	-0.009	PASS
Band66	3	132657	15	#0	16QAM	LV	NT	-11.22	-0.006	PASS
Band66	3	132657	15	#0	16QAM	NV	NT	-10.20	-0.006	PASS
Band66	3	132657	15	#0	16QAM	HV	NT	-12.00	-0.007	PASS
Band66	5	131997	25	#0	QPSK	LV	NT	-16.97	-0.010	PASS

Band66	5	131997	25	#0	QPSK	NV	NT	-4.08	-0.002	PASS
Band66	5	131997	25	#0	QPSK	HV	NT	-8.71	-0.005	PASS
Band66	5	131997	25	#0	16QAM	LV	NT	-14.89	-0.009	PASS
Band66	5	131997	25	#0	16QAM	NV	NT	-12.83	-0.007	PASS
Band66	5	131997	25	#0	16QAM	HV	NT	-16.12	-0.009	PASS
Band66	5	132322	25	#0	QPSK	LV	NT	-10.44	-0.006	PASS
Band66	5	132322	25	#0	QPSK	NV	NT	-9.06	-0.005	PASS
Band66	5	132322	25	#0	QPSK	HV	NT	-9.58	-0.005	PASS
Band66	5	132322	25	#0	16QAM	LV	NT	-18.21	-0.010	PASS
Band66	5	132322	25	#0	16QAM	NV	NT	-11.32	-0.006	PASS
Band66	5	132322	25	#0	16QAM	HV	NT	-11.33	-0.006	PASS
Band66	5	132647	25	#0	QPSK	LV	NT	-18.24	-0.010	PASS
Band66	5	132647	25	#0	QPSK	NV	NT	-8.41	-0.005	PASS
Band66	5	132647	25	#0	QPSK	HV	NT	-10.70	-0.006	PASS
Band66	5	132647	25	#0	16QAM	LV	NT	-9.60	-0.005	PASS
Band66	5	132647	25	#0	16QAM	NV	NT	-17.35	-0.010	PASS
Band66	5	132647	25	#0	16QAM	HV	NT	-9.01	-0.005	PASS
Band66	10	132022	50	#0	QPSK	LV	NT	2.69	0.002	PASS
Band66	10	132022	50	#0	QPSK	NV	NT	-17.45	-0.010	PASS
Band66	10	132022	50	#0	QPSK	HV	NT	-10.17	-0.006	PASS
Band66	10	132322	50	#0	QPSK	LV	NT	-6.97	-0.004	PASS
Band66	10	132322	50	#0	QPSK	NV	NT	-7.51	-0.004	PASS
Band66	10	132322	50	#0	QPSK	HV	NT	-14.59	-0.008	PASS
Band66	10	132622	50	#0	QPSK	LV	NT	-14.06	-0.008	PASS
Band66	10	132622	50	#0	QPSK	NV	NT	-12.07	-0.007	PASS
Band66	10	132622	50	#0	QPSK	HV	NT	-6.29	-0.004	PASS
Band66	15	132047	75	#0	QPSK	LV	NT	-10.84	-0.006	PASS
Band66	15	132047	75	#0	QPSK	NV	NT	-4.45	-0.003	PASS
Band66	15	132047	75	#0	QPSK	HV	NT	-2.89	-0.002	PASS
Band66	15	132322	75	#0	QPSK	LV	NT	-6.87	-0.004	PASS
Band66	15	132322	75	#0	QPSK	NV	NT	-3.16	-0.002	PASS
Band66	15	132322	75	#0	QPSK	HV	NT	-0.67	0.000	PASS
Band66	15	132597	75	#0	QPSK	LV	NT	-11.82	-0.007	PASS
Band66	15	132597	75	#0	QPSK	NV	NT	-2.96	-0.002	PASS
Band66	15	132597	75	#0	QPSK	HV	NT	-6.59	-0.004	PASS
Band66	20	132072	100	#0	QPSK	LV	NT	2.60	0.002	PASS
Band66	20	132072	100	#0	QPSK	NV	NT	-3.50	-0.002	PASS
Band66	20	132072	100	#0	QPSK	HV	NT	-4.82	-0.003	PASS
Band66	20	132322	100	#0	QPSK	LV	NT	-10.21	-0.006	PASS
Band66	20	132322	100	#0	QPSK	NV	NT	-2.53	-0.001	PASS
Band66	20	132322	100	#0	QPSK	HV	NT	-12.57	-0.007	PASS
Band66	20	132572	100	#0	QPSK	LV	NT	-9.88	-0.006	PASS

Band66	20	132572	100	#0	QPSK	NV	NT	-4.99	-0.003	PASS
Band66	20	132572	100	#0	QPSK	HV	NT	-7.02	-0.004	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band66	1.4	131979	6	#0	QPSK	NV	-30	-12.75	-0.007	PASS
Band66	1.4	131979	6	#0	QPSK	NV	-20	-6.07	-0.004	PASS
Band66	1.4	131979	6	#0	QPSK	NV	-10	9.47	0.006	PASS
Band66	1.4	131979	6	#0	QPSK	NV	0	19.10	0.011	PASS
Band66	1.4	131979	6	#0	QPSK	NV	10	-2.47	-0.001	PASS
Band66	1.4	131979	6	#0	QPSK	NV	20	7.72	0.005	PASS
Band66	1.4	131979	6	#0	QPSK	NV	30	4.29	0.003	PASS
Band66	1.4	131979	6	#0	QPSK	NV	40	12.16	0.007	PASS
Band66	1.4	131979	6	#0	QPSK	NV	50	11.23	0.007	PASS
Band66	1.4	131979	6	#0	16QAM	NV	-30	12.16	0.007	PASS
Band66	1.4	131979	6	#0	16QAM	NV	-20	13.69	0.008	PASS
Band66	1.4	131979	6	#0	16QAM	NV	-10	10.93	0.006	PASS
Band66	1.4	131979	6	#0	16QAM	NV	0	10.50	0.006	PASS
Band66	1.4	131979	6	#0	16QAM	NV	10	11.47	0.007	PASS
Band66	1.4	131979	6	#0	16QAM	NV	20	2.83	0.002	PASS
Band66	1.4	131979	6	#0	16QAM	NV	30	11.52	0.007	PASS
Band66	1.4	131979	6	#0	16QAM	NV	40	11.47	0.007	PASS
Band66	1.4	131979	6	#0	16QAM	NV	50	0.00	0.000	PASS
Band66	1.4	132322	6	#0	QPSK	NV	-30	-8.78	-0.005	PASS
Band66	1.4	132322	6	#0	QPSK	NV	-20	10.47	0.006	PASS
Band66	1.4	132322	6	#0	QPSK	NV	-10	5.14	0.003	PASS
Band66	1.4	132322	6	#0	QPSK	NV	0	15.92	0.009	PASS
Band66	1.4	132322	6	#0	QPSK	NV	10	13.60	0.008	PASS
Band66	1.4	132322	6	#0	QPSK	NV	20	13.79	0.008	PASS
Band66	1.4	132322	6	#0	QPSK	NV	30	11.79	0.007	PASS
Band66	1.4	132322	6	#0	QPSK	NV	40	8.21	0.005	PASS
Band66	1.4	132322	6	#0	QPSK	NV	50	13.78	0.008	PASS
Band66	1.4	132322	6	#0	16QAM	NV	-30	4.92	0.003	PASS
Band66	1.4	132322	6	#0	16QAM	NV	-20	17.34	0.010	PASS
Band66	1.4	132322	6	#0	16QAM	NV	-10	10.91	0.006	PASS
Band66	1.4	132322	6	#0	16QAM	NV	0	8.78	0.005	PASS
Band66	1.4	132322	6	#0	16QAM	NV	10	11.52	0.007	PASS
Band66	1.4	132322	6	#0	16QAM	NV	20	11.19	0.006	PASS
Band66	1.4	132322	6	#0	16QAM	NV	30	9.88	0.006	PASS
Band66	1.4	132322	6	#0	16QAM	NV	40	15.01	0.009	PASS
Band66	1.4	132322	6	#0	16QAM	NV	50	14.56	0.008	PASS
Band66	1.4	132665	6	#0	QPSK	NV	-30	3.05	0.002	PASS

Band66	1.4	132665	6	#0	QPSK	NV	-20	16.75	0.009	PASS
Band66	1.4	132665	6	#0	QPSK	NV	-10	11.73	0.007	PASS
Band66	1.4	132665	6	#0	QPSK	NV	0	19.07	0.011	PASS
Band66	1.4	132665	6	#0	QPSK	NV	10	12.92	0.007	PASS
Band66	1.4	132665	6	#0	QPSK	NV	20	14.09	0.008	PASS
Band66	1.4	132665	6	#0	QPSK	NV	30	13.63	0.008	PASS
Band66	1.4	132665	6	#0	QPSK	NV	40	16.11	0.009	PASS
Band66	1.4	132665	6	#0	QPSK	NV	50	15.52	0.009	PASS
Band66	1.4	132665	6	#0	16QAM	NV	-30	18.60	0.010	PASS
Band66	1.4	132665	6	#0	16QAM	NV	-20	19.41	0.011	PASS
Band66	1.4	132665	6	#0	16QAM	NV	-10	16.81	0.009	PASS
Band66	1.4	132665	6	#0	16QAM	NV	0	14.95	0.008	PASS
Band66	1.4	132665	6	#0	16QAM	NV	10	18.84	0.011	PASS
Band66	1.4	132665	6	#0	16QAM	NV	20	11.12	0.006	PASS
Band66	1.4	132665	6	#0	16QAM	NV	30	13.89	0.008	PASS
Band66	1.4	132665	6	#0	16QAM	NV	40	8.84	0.005	PASS
Band66	1.4	132665	6	#0	16QAM	NV	50	12.32	0.007	PASS
Band66	3	131987	15	#0	QPSK	NV	-30	8.04	0.005	PASS
Band66	3	131987	15	#0	QPSK	NV	-20	6.08	0.004	PASS
Band66	3	131987	15	#0	QPSK	NV	-10	6.12	0.004	PASS
Band66	3	131987	15	#0	QPSK	NV	0	6.97	0.004	PASS
Band66	3	131987	15	#0	QPSK	NV	10	5.04	0.003	PASS
Band66	3	131987	15	#0	QPSK	NV	20	9.58	0.006	PASS
Band66	3	131987	15	#0	QPSK	NV	30	-1.39	-0.001	PASS
Band66	3	131987	15	#0	QPSK	NV	40	3.62	0.002	PASS
Band66	3	131987	15	#0	QPSK	NV	50	11.69	0.007	PASS
Band66	3	131987	15	#0	16QAM	NV	-30	13.95	0.008	PASS
Band66	3	131987	15	#0	16QAM	NV	-20	13.26	0.008	PASS
Band66	3	131987	15	#0	16QAM	NV	-10	13.82	0.008	PASS
Band66	3	131987	15	#0	16QAM	NV	0	11.54	0.007	PASS
Band66	3	131987	15	#0	16QAM	NV	10	15.45	0.009	PASS
Band66	3	131987	15	#0	16QAM	NV	20	8.31	0.005	PASS
Band66	3	131987	15	#0	16QAM	NV	30	8.93	0.005	PASS
Band66	3	131987	15	#0	16QAM	NV	40	13.98	0.008	PASS
Band66	3	131987	15	#0	16QAM	NV	50	10.76	0.006	PASS
Band66	3	132322	15	#0	QPSK	NV	-30	0.00	0.000	PASS
Band66	3	132322	15	#0	QPSK	NV	-20	1.46	0.001	PASS
Band66	3	132322	15	#0	QPSK	NV	-10	16.16	0.009	PASS
Band66	3	132322	15	#0	QPSK	NV	0	6.27	0.004	PASS
Band66	3	132322	15	#0	QPSK	NV	10	10.34	0.006	PASS
Band66	3	132322	15	#0	QPSK	NV	20	14.63	0.008	PASS
Band66	3	132322	15	#0	QPSK	NV	30	-13.73	-0.008	PASS

Band66	3	132322	15	#0	QPSK	NV	40	11.24	0.006	PASS
Band66	3	132322	15	#0	QPSK	NV	50	10.66	0.006	PASS
Band66	3	132322	15	#0	16QAM	NV	-30	17.44	0.010	PASS
Band66	3	132322	15	#0	16QAM	NV	-20	13.56	0.008	PASS
Band66	3	132322	15	#0	16QAM	NV	-10	10.57	0.006	PASS
Band66	3	132322	15	#0	16QAM	NV	0	17.44	0.010	PASS
Band66	3	132322	15	#0	16QAM	NV	10	9.14	0.005	PASS
Band66	3	132322	15	#0	16QAM	NV	20	15.71	0.009	PASS
Band66	3	132322	15	#0	16QAM	NV	30	14.15	0.008	PASS
Band66	3	132322	15	#0	16QAM	NV	40	7.50	0.004	PASS
Band66	3	132322	15	#0	16QAM	NV	50	4.65	0.003	PASS
Band66	3	132657	15	#0	QPSK	NV	-30	1.42	0.001	PASS
Band66	3	132657	15	#0	QPSK	NV	-20	9.60	0.005	PASS
Band66	3	132657	15	#0	QPSK	NV	-10	11.13	0.006	PASS
Band66	3	132657	15	#0	QPSK	NV	0	7.01	0.004	PASS
Band66	3	132657	15	#0	QPSK	NV	10	7.45	0.004	PASS
Band66	3	132657	15	#0	QPSK	NV	20	14.32	0.008	PASS
Band66	3	132657	15	#0	QPSK	NV	30	4.78	0.003	PASS
Band66	3	132657	15	#0	QPSK	NV	40	11.46	0.006	PASS
Band66	3	132657	15	#0	QPSK	NV	50	8.25	0.005	PASS
Band66	3	132657	15	#0	16QAM	NV	-30	6.39	0.004	PASS
Band66	3	132657	15	#0	16QAM	NV	-20	13.66	0.008	PASS
Band66	3	132657	15	#0	16QAM	NV	-10	19.14	0.011	PASS
Band66	3	132657	15	#0	16QAM	NV	0	9.86	0.006	PASS
Band66	3	132657	15	#0	16QAM	NV	10	16.19	0.009	PASS
Band66	3	132657	15	#0	16QAM	NV	20	12.16	0.007	PASS
Band66	3	132657	15	#0	16QAM	NV	30	12.02	0.007	PASS
Band66	3	132657	15	#0	16QAM	NV	40	12.07	0.007	PASS
Band66	3	132657	15	#0	16QAM	NV	50	16.19	0.009	PASS
Band66	5	131997	25	#0	QPSK	NV	-30	-6.32	-0.004	PASS
Band66	5	131997	25	#0	QPSK	NV	-20	7.04	0.004	PASS
Band66	5	131997	25	#0	QPSK	NV	-10	6.55	0.004	PASS
Band66	5	131997	25	#0	QPSK	NV	0	5.97	0.003	PASS
Band66	5	131997	25	#0	QPSK	NV	10	7.51	0.004	PASS
Band66	5	131997	25	#0	QPSK	NV	20	4.96	0.003	PASS
Band66	5	131997	25	#0	QPSK	NV	30	2.53	0.001	PASS
Band66	5	131997	25	#0	QPSK	NV	40	4.61	0.003	PASS
Band66	5	131997	25	#0	QPSK	NV	50	8.37	0.005	PASS
Band66	5	131997	25	#0	16QAM	NV	-30	11.20	0.007	PASS
Band66	5	131997	25	#0	16QAM	NV	-20	13.23	0.008	PASS
Band66	5	131997	25	#0	16QAM	NV	-10	14.68	0.009	PASS
Band66	5	131997	25	#0	16QAM	NV	0	4.11	0.002	PASS

Band66	5	131997	25	#0	16QAM	NV	10	11.96	0.007	PASS
Band66	5	131997	25	#0	16QAM	NV	20	-8.08	-0.005	PASS
Band66	5	131997	25	#0	16QAM	NV	30	10.86	0.006	PASS
Band66	5	131997	25	#0	16QAM	NV	40	6.08	0.004	PASS
Band66	5	131997	25	#0	16QAM	NV	50	10.03	0.006	PASS
Band66	5	132322	25	#0	QPSK	NV	-30	7.41	0.004	PASS
Band66	5	132322	25	#0	QPSK	NV	-20	15.11	0.009	PASS
Band66	5	132322	25	#0	QPSK	NV	-10	7.40	0.004	PASS
Band66	5	132322	25	#0	QPSK	NV	0	13.06	0.007	PASS
Band66	5	132322	25	#0	QPSK	NV	10	10.73	0.006	PASS
Band66	5	132322	25	#0	QPSK	NV	20	12.27	0.007	PASS
Band66	5	132322	25	#0	QPSK	NV	30	-4.51	-0.003	PASS
Band66	5	132322	25	#0	QPSK	NV	40	9.61	0.006	PASS
Band66	5	132322	25	#0	QPSK	NV	50	2.98	0.002	PASS
Band66	5	132322	25	#0	16QAM	NV	-30	7.97	0.005	PASS
Band66	5	132322	25	#0	16QAM	NV	-20	5.16	0.003	PASS
Band66	5	132322	25	#0	16QAM	NV	-10	11.00	0.006	PASS
Band66	5	132322	25	#0	16QAM	NV	0	13.68	0.008	PASS
Band66	5	132322	25	#0	16QAM	NV	10	7.27	0.004	PASS
Band66	5	132322	25	#0	16QAM	NV	20	9.31	0.005	PASS
Band66	5	132322	25	#0	16QAM	NV	30	9.58	0.005	PASS
Band66	5	132322	25	#0	16QAM	NV	40	9.64	0.006	PASS
Band66	5	132322	25	#0	16QAM	NV	50	5.92	0.003	PASS
Band66	5	132647	25	#0	QPSK	NV	-30	-13.39	-0.008	PASS
Band66	5	132647	25	#0	QPSK	NV	-20	7.07	0.004	PASS
Band66	5	132647	25	#0	QPSK	NV	-10	13.39	0.008	PASS
Band66	5	132647	25	#0	QPSK	NV	0	11.20	0.006	PASS
Band66	5	132647	25	#0	QPSK	NV	10	7.75	0.004	PASS
Band66	5	132647	25	#0	QPSK	NV	20	12.22	0.007	PASS
Band66	5	132647	25	#0	QPSK	NV	30	9.24	0.005	PASS
Band66	5	132647	25	#0	QPSK	NV	40	13.05	0.007	PASS
Band66	5	132647	25	#0	QPSK	NV	50	2.99	0.002	PASS
Band66	5	132647	25	#0	16QAM	NV	-30	11.79	0.007	PASS
Band66	5	132647	25	#0	16QAM	NV	-20	5.74	0.003	PASS
Band66	5	132647	25	#0	16QAM	NV	-10	4.33	0.002	PASS
Band66	5	132647	25	#0	16QAM	NV	0	13.95	0.008	PASS
Band66	5	132647	25	#0	16QAM	NV	10	7.57	0.004	PASS
Band66	5	132647	25	#0	16QAM	NV	20	12.96	0.007	PASS
Band66	5	132647	25	#0	16QAM	NV	30	13.40	0.008	PASS
Band66	5	132647	25	#0	16QAM	NV	40	14.51	0.008	PASS
Band66	5	132647	25	#0	16QAM	NV	50	-1.93	-0.001	PASS
Band66	10	132022	50	#0	QPSK	NV	-30	-4.29	-0.003	PASS

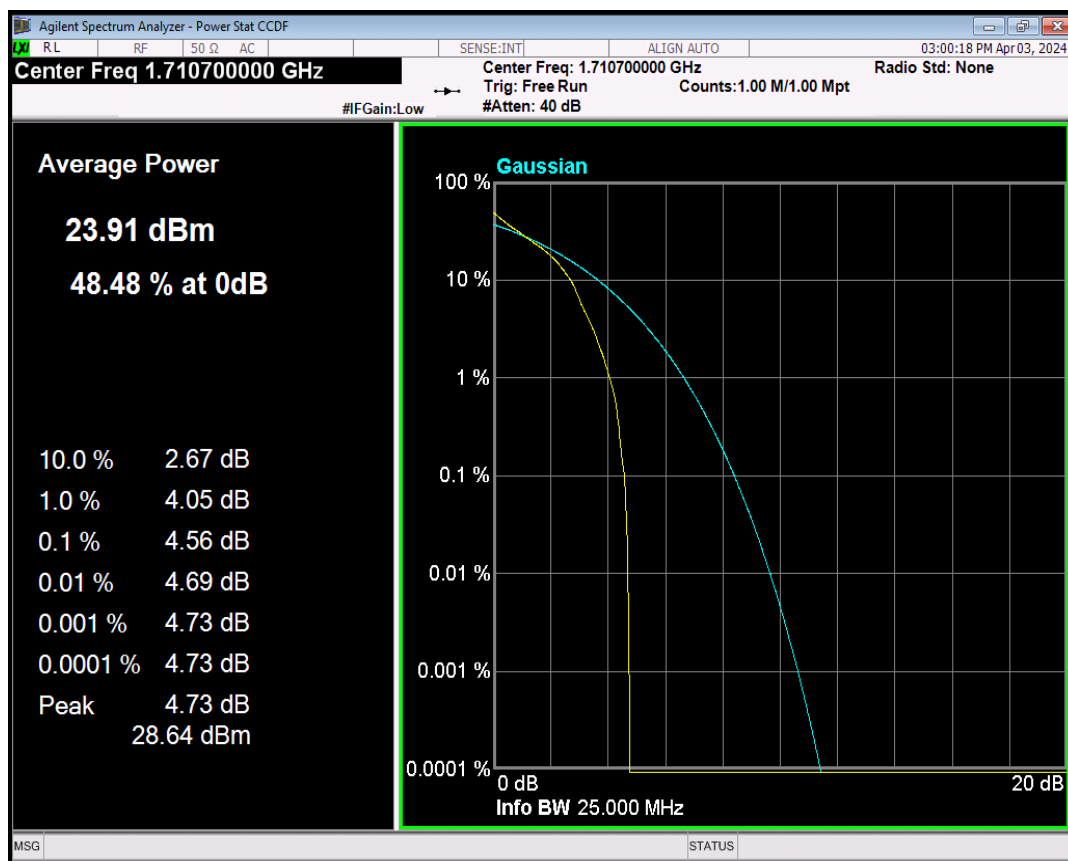
Band66	10	132022	50	#0	QPSK	NV	-20	10.57	0.006	PASS
Band66	10	132022	50	#0	QPSK	NV	-10	1.44	0.001	PASS
Band66	10	132022	50	#0	QPSK	NV	0	-1.57	-0.001	PASS
Band66	10	132022	50	#0	QPSK	NV	10	-0.41	0.000	PASS
Band66	10	132022	50	#0	QPSK	NV	20	10.79	0.006	PASS
Band66	10	132022	50	#0	QPSK	NV	30	10.87	0.006	PASS
Band66	10	132022	50	#0	QPSK	NV	40	14.41	0.008	PASS
Band66	10	132022	50	#0	QPSK	NV	50	5.71	0.003	PASS
Band66	10	132322	50	#0	QPSK	NV	-30	12.92	0.007	PASS
Band66	10	132322	50	#0	QPSK	NV	-20	10.90	0.006	PASS
Band66	10	132322	50	#0	QPSK	NV	-10	-1.04	-0.001	PASS
Band66	10	132322	50	#0	QPSK	NV	0	-0.87	0.000	PASS
Band66	10	132322	50	#0	QPSK	NV	10	6.58	0.004	PASS
Band66	10	132322	50	#0	QPSK	NV	20	8.05	0.005	PASS
Band66	10	132322	50	#0	QPSK	NV	30	3.82	0.002	PASS
Band66	10	132322	50	#0	QPSK	NV	40	9.24	0.005	PASS
Band66	10	132322	50	#0	QPSK	NV	50	7.60	0.004	PASS
Band66	10	132622	50	#0	QPSK	NV	-30	8.38	0.005	PASS
Band66	10	132622	50	#0	QPSK	NV	-20	11.79	0.007	PASS
Band66	10	132622	50	#0	QPSK	NV	-10	13.40	0.008	PASS
Band66	10	132622	50	#0	QPSK	NV	0	10.10	0.006	PASS
Band66	10	132622	50	#0	QPSK	NV	10	6.25	0.004	PASS
Band66	10	132622	50	#0	QPSK	NV	20	7.30	0.004	PASS
Band66	10	132622	50	#0	QPSK	NV	30	9.53	0.005	PASS
Band66	10	132622	50	#0	QPSK	NV	40	12.19	0.007	PASS
Band66	10	132622	50	#0	QPSK	NV	50	8.54	0.005	PASS
Band66	15	132047	75	#0	QPSK	NV	-30	6.62	0.004	PASS
Band66	15	132047	75	#0	QPSK	NV	-20	10.64	0.006	PASS
Band66	15	132047	75	#0	QPSK	NV	-10	8.03	0.005	PASS
Band66	15	132047	75	#0	QPSK	NV	0	12.19	0.007	PASS
Band66	15	132047	75	#0	QPSK	NV	10	9.33	0.005	PASS
Band66	15	132047	75	#0	QPSK	NV	20	2.19	0.001	PASS
Band66	15	132047	75	#0	QPSK	NV	30	8.55	0.005	PASS
Band66	15	132047	75	#0	QPSK	NV	40	9.03	0.005	PASS
Band66	15	132047	75	#0	QPSK	NV	50	12.52	0.007	PASS
Band66	15	132322	75	#0	QPSK	NV	-30	7.00	0.004	PASS
Band66	15	132322	75	#0	QPSK	NV	-20	10.80	0.006	PASS
Band66	15	132322	75	#0	QPSK	NV	-10	7.70	0.004	PASS
Band66	15	132322	75	#0	QPSK	NV	0	5.74	0.003	PASS
Band66	15	132322	75	#0	QPSK	NV	10	10.46	0.006	PASS
Band66	15	132322	75	#0	QPSK	NV	20	8.97	0.005	PASS
Band66	15	132322	75	#0	QPSK	NV	30	0.00	0.000	PASS

Band66	15	132322	75	#0	QPSK	NV	40	0.00	0.000	PASS
Band66	15	132322	75	#0	QPSK	NV	50	0.00	0.000	PASS
Band66	15	132597	75	#0	QPSK	NV	-30	-17.32	-0.010	PASS
Band66	15	132597	75	#0	QPSK	NV	-20	-20.60	-0.012	PASS
Band66	15	132597	75	#0	QPSK	NV	-10	-16.81	-0.009	PASS
Band66	15	132597	75	#0	QPSK	NV	0	-23.02	-0.013	PASS
Band66	15	132597	75	#0	QPSK	NV	10	-18.01	-0.010	PASS
Band66	15	132597	75	#0	QPSK	NV	20	-18.01	-0.010	PASS
Band66	15	132597	75	#0	QPSK	NV	30	-17.21	-0.010	PASS
Band66	15	132597	75	#0	QPSK	NV	40	-19.76	-0.011	PASS
Band66	15	132597	75	#0	QPSK	NV	50	-19.35	-0.011	PASS
Band66	20	132072	100	#0	QPSK	NV	-30	-17.24	-0.010	PASS
Band66	20	132072	100	#0	QPSK	NV	-20	-23.09	-0.013	PASS
Band66	20	132072	100	#0	QPSK	NV	-10	-16.26	-0.009	PASS
Band66	20	132072	100	#0	QPSK	NV	0	-16.48	-0.010	PASS
Band66	20	132072	100	#0	QPSK	NV	10	-12.13	-0.007	PASS
Band66	20	132072	100	#0	QPSK	NV	20	-18.44	-0.011	PASS
Band66	20	132072	100	#0	QPSK	NV	30	-8.37	-0.005	PASS
Band66	20	132072	100	#0	QPSK	NV	40	-16.08	-0.009	PASS
Band66	20	132072	100	#0	QPSK	NV	50	-21.62	-0.013	PASS
Band66	20	132322	100	#0	QPSK	NV	-30	-12.17	-0.007	PASS
Band66	20	132322	100	#0	QPSK	NV	-20	-18.45	-0.011	PASS
Band66	20	132322	100	#0	QPSK	NV	-10	-18.14	-0.010	PASS
Band66	20	132322	100	#0	QPSK	NV	0	-16.49	-0.009	PASS
Band66	20	132322	100	#0	QPSK	NV	10	-15.42	-0.009	PASS
Band66	20	132322	100	#0	QPSK	NV	20	-17.55	-0.010	PASS
Band66	20	132322	100	#0	QPSK	NV	30	-14.82	-0.008	PASS
Band66	20	132322	100	#0	QPSK	NV	40	-13.96	-0.008	PASS
Band66	20	132322	100	#0	QPSK	NV	50	-15.15	-0.009	PASS
Band66	20	132572	100	#0	QPSK	NV	-30	-17.45	-0.010	PASS
Band66	20	132572	100	#0	QPSK	NV	-20	-13.07	-0.007	PASS
Band66	20	132572	100	#0	QPSK	NV	-10	-18.83	-0.011	PASS
Band66	20	132572	100	#0	QPSK	NV	0	-11.14	-0.006	PASS
Band66	20	132572	100	#0	QPSK	NV	10	-10.64	-0.006	PASS
Band66	20	132572	100	#0	QPSK	NV	20	-15.12	-0.009	PASS
Band66	20	132572	100	#0	QPSK	NV	30	-18.71	-0.011	PASS
Band66	20	132572	100	#0	QPSK	NV	40	-9.34	-0.005	PASS
Band66	20	132572	100	#0	QPSK	NV	50	-18.21	-0.010	PASS

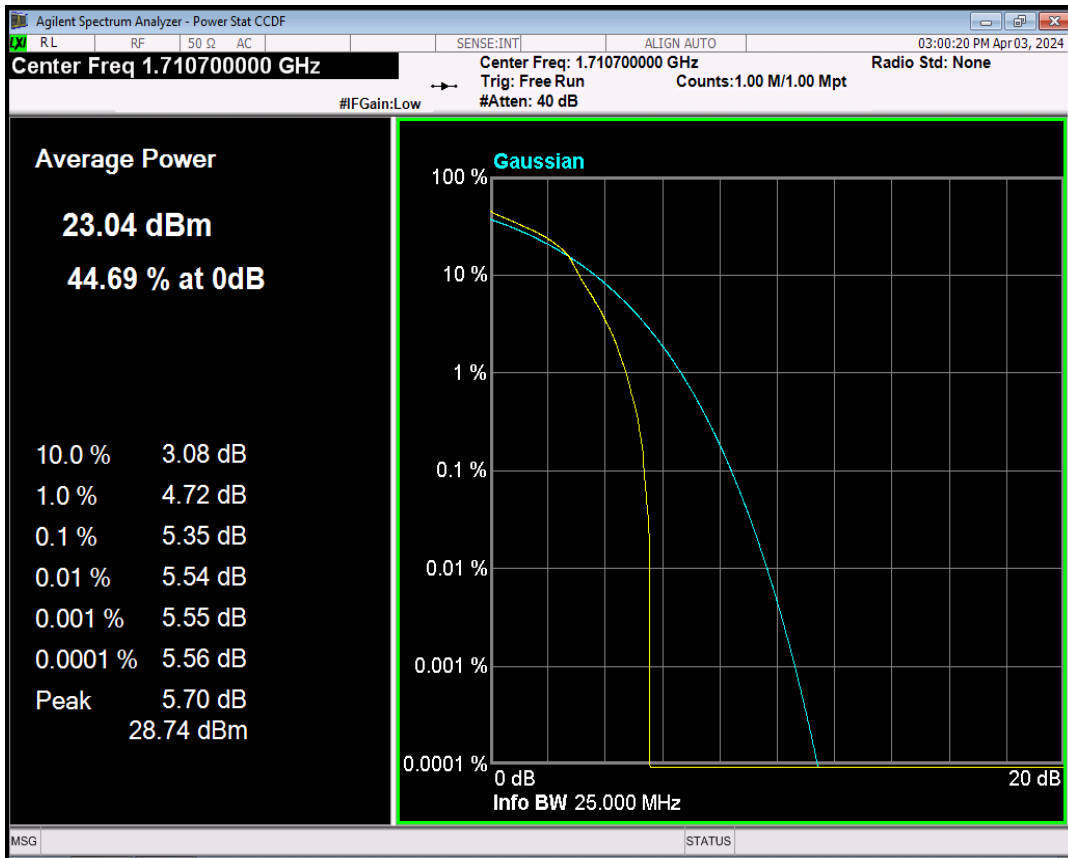
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band66	1.4	131979	1	#0	QPSK	4.56	13	PASS
Band66	1.4	131979	1	#0	16QAM	5.35	13	PASS
Band66	1.4	132322	1	#0	QPSK	5.30	13	PASS
Band66	1.4	132322	1	#0	16QAM	6.19	13	PASS
Band66	1.4	132665	1	#0	QPSK	4.78	13	PASS
Band66	1.4	132665	1	#0	16QAM	5.59	13	PASS
Band66	3	131987	1	#0	QPSK	4.59	13	PASS
Band66	3	131987	1	#0	16QAM	5.31	13	PASS
Band66	3	132322	1	#0	QPSK	5.43	13	PASS
Band66	3	132322	1	#0	16QAM	6.27	13	PASS
Band66	3	132657	1	#0	QPSK	5.07	13	PASS
Band66	3	132657	1	#0	16QAM	5.71	13	PASS
Band66	5	131997	1	#0	QPSK	4.64	13	PASS
Band66	5	131997	1	#0	16QAM	5.23	13	PASS
Band66	5	132322	1	#0	QPSK	5.33	13	PASS
Band66	5	132322	1	#0	16QAM	5.93	13	PASS
Band66	5	132647	1	#0	QPSK	5.26	13	PASS
Band66	5	132647	1	#0	16QAM	5.83	13	PASS
Band66	10	132022	1	#0	QPSK	4.59	13	PASS
Band66	10	132322	1	#0	QPSK	5.44	13	PASS
Band66	10	132622	1	#0	QPSK	5.22	13	PASS
Band66	15	132047	1	#0	QPSK	4.69	13	PASS
Band66	15	132322	1	#0	QPSK	5.31	13	PASS
Band66	15	132597	1	#0	QPSK	5.54	13	PASS
Band66	20	132072	1	#0	QPSK	4.62	13	PASS
Band66	20	132322	1	#0	QPSK	5.19	13	PASS
Band66	20	132572	1	#0	QPSK	5.73	13	PASS

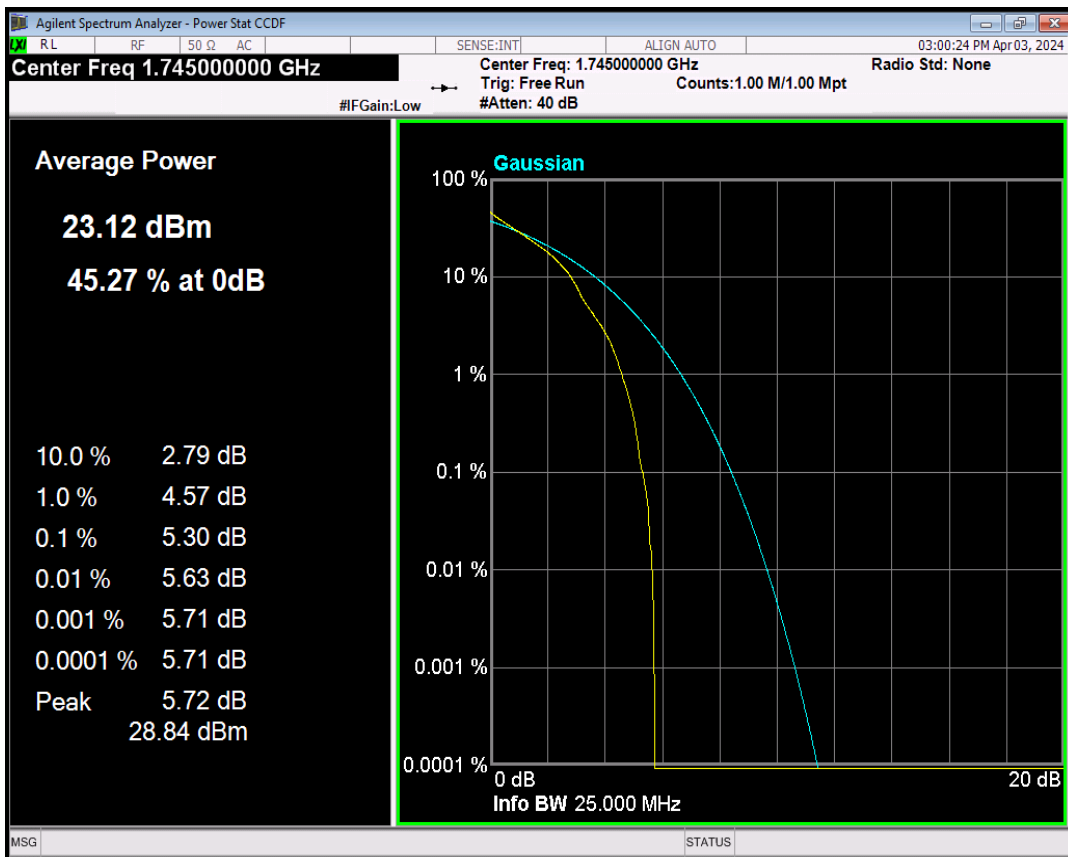
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#0



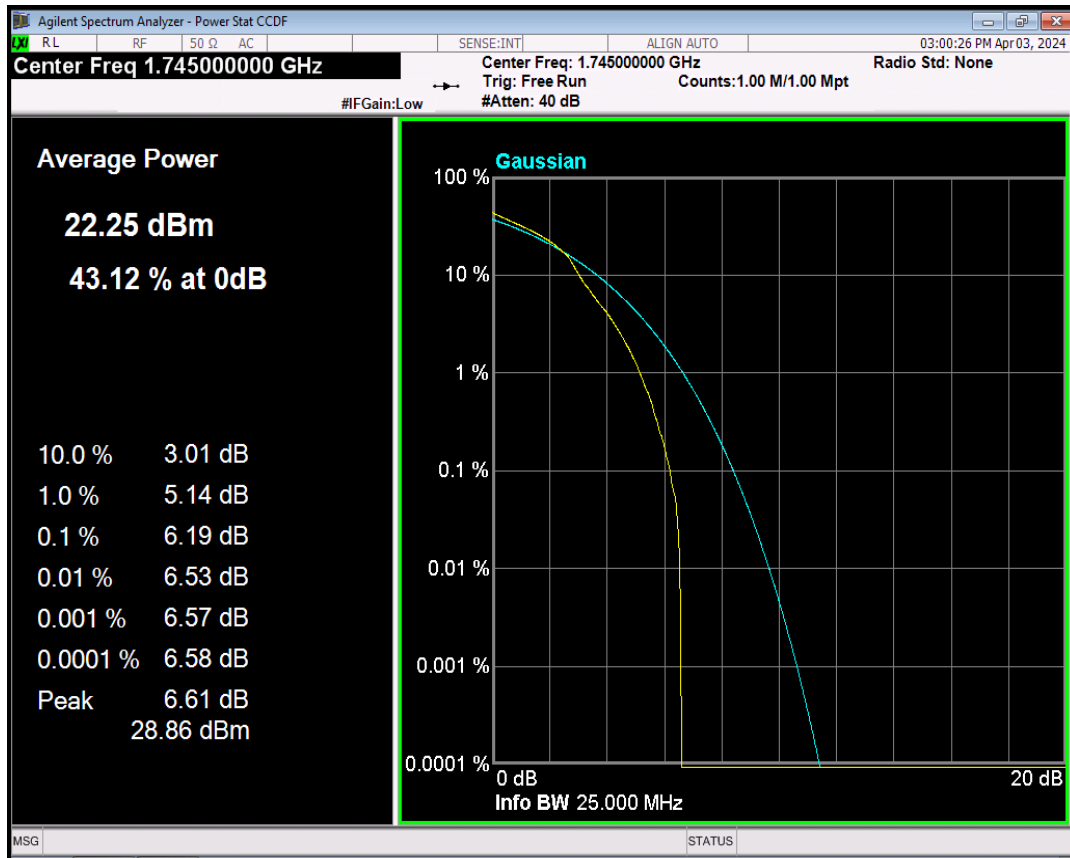
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=1 Position=#0



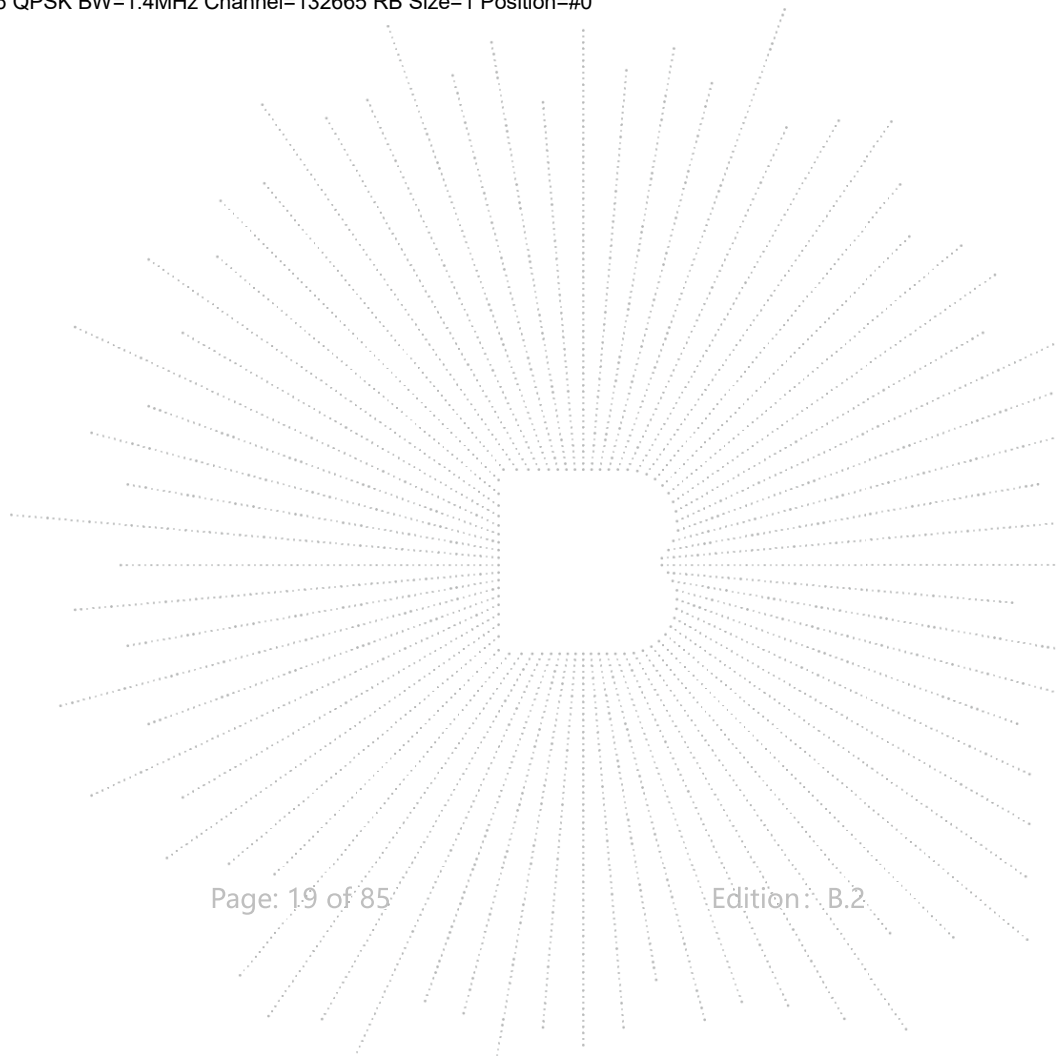
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0

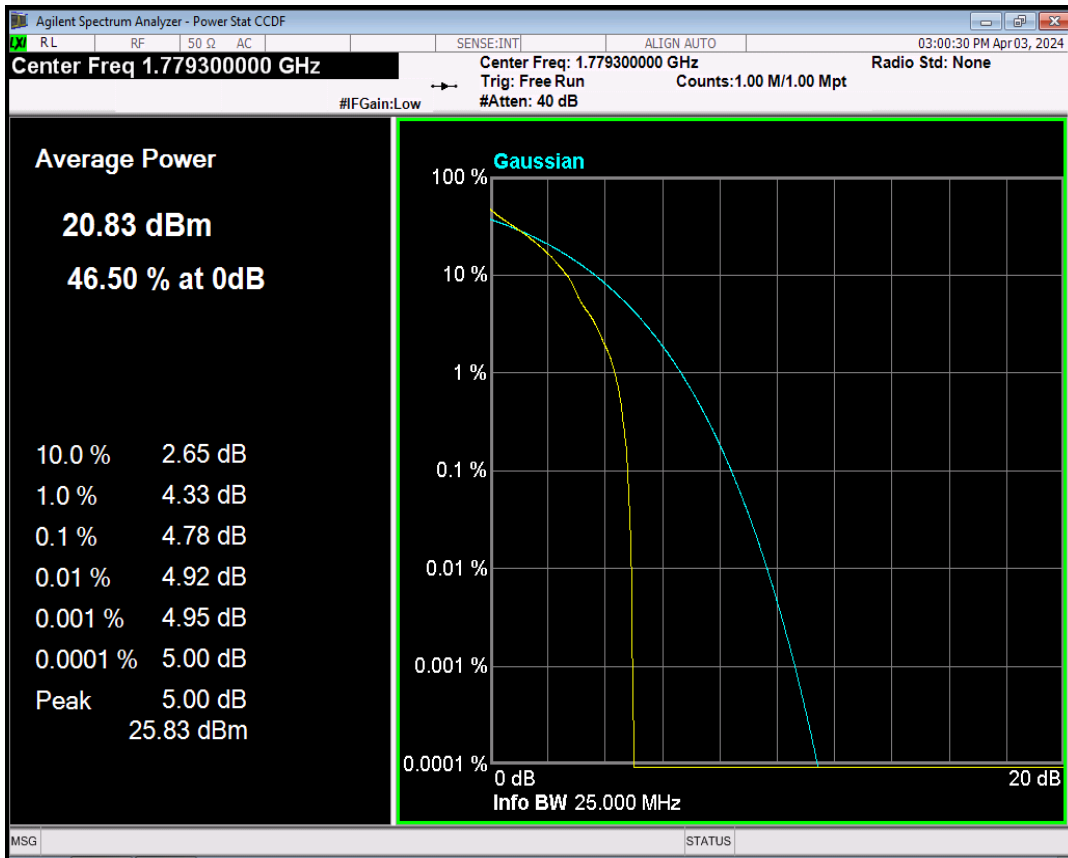


Band66 16QAM BW=1.4MHz Channel=132322 RB Size=1 Position=#0

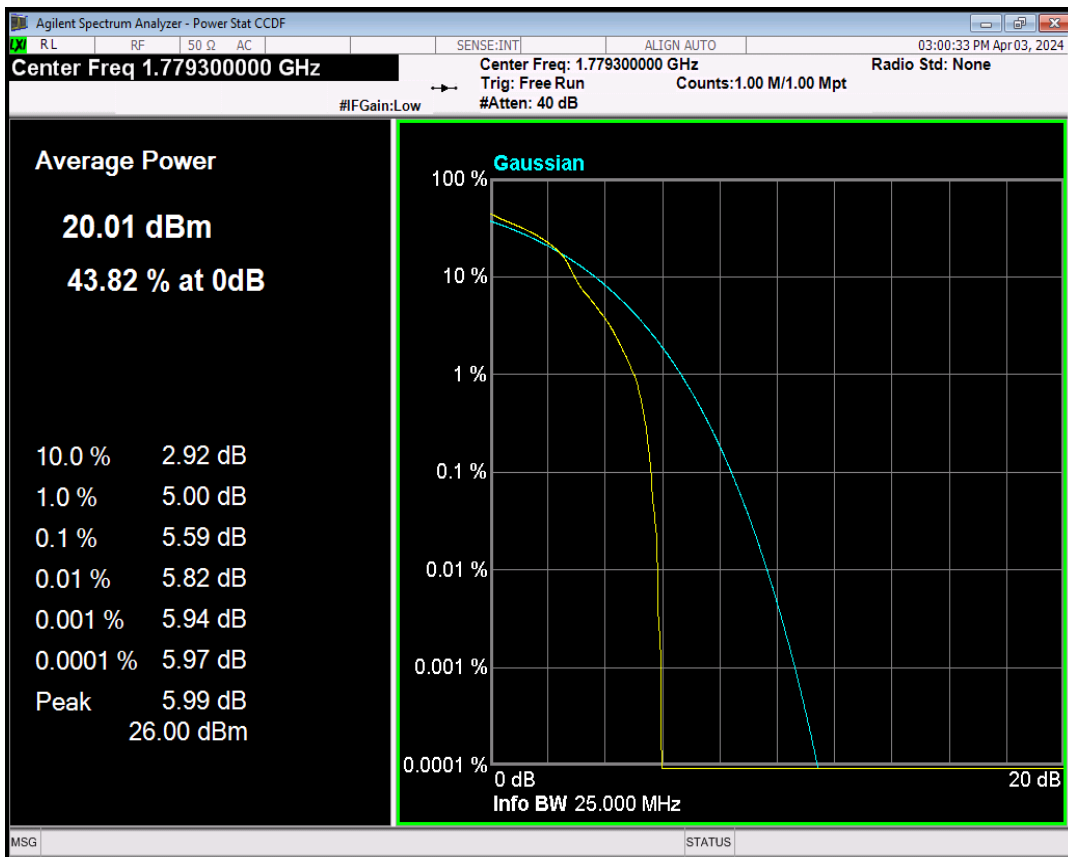


Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#0

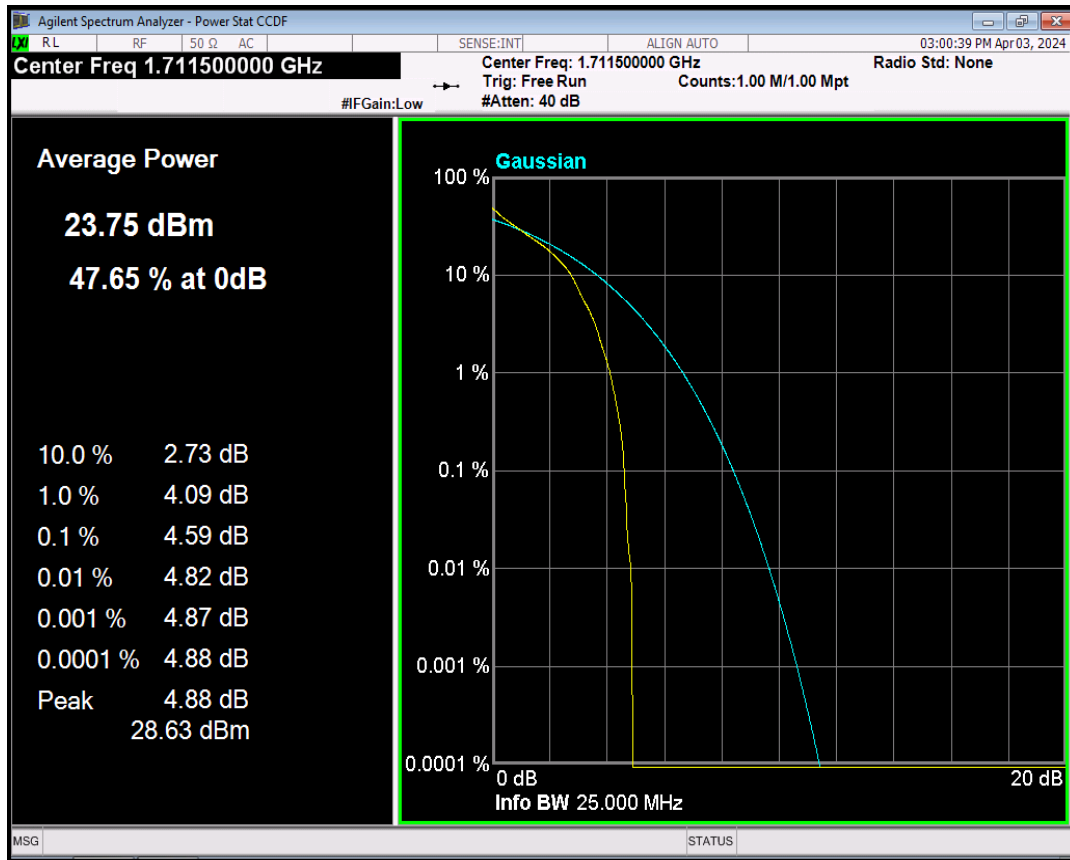




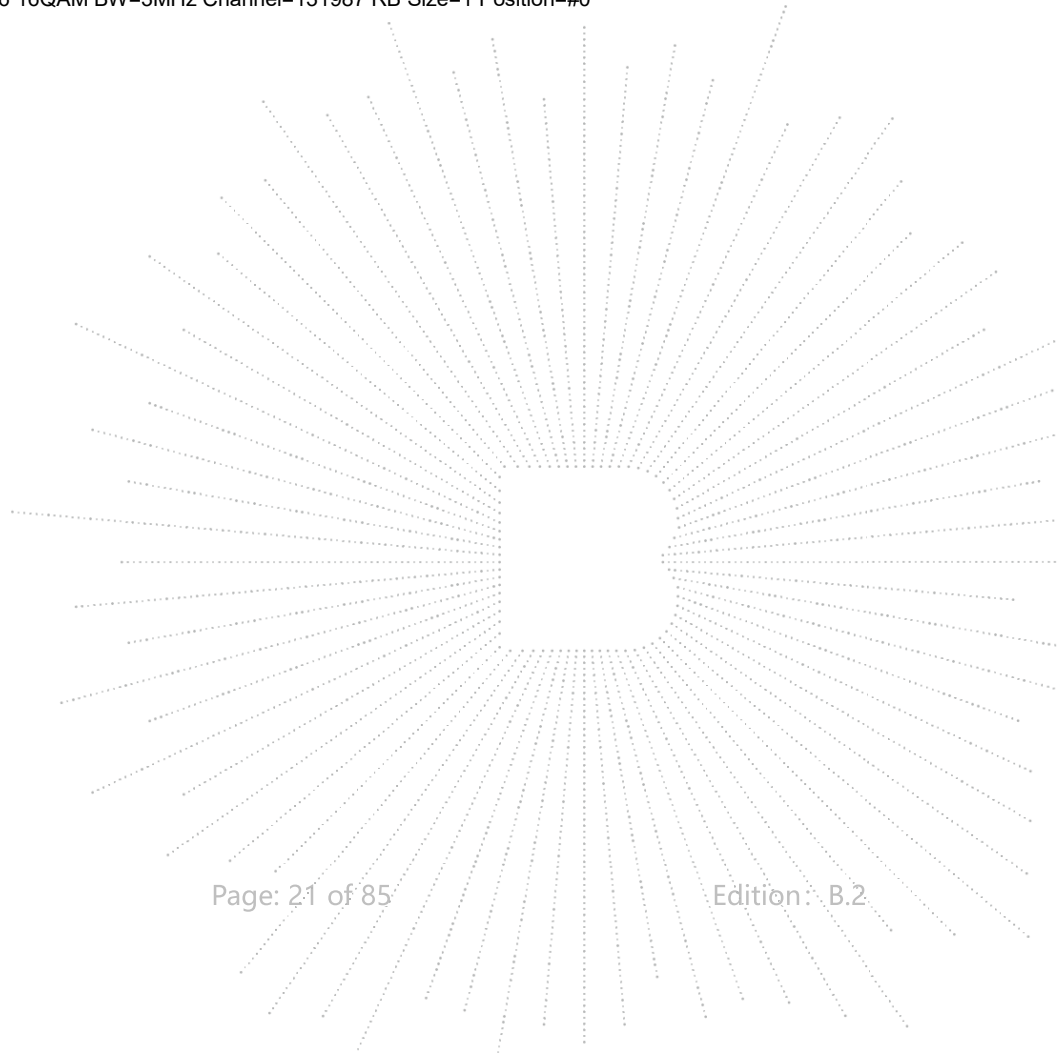
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=1 Position=#0

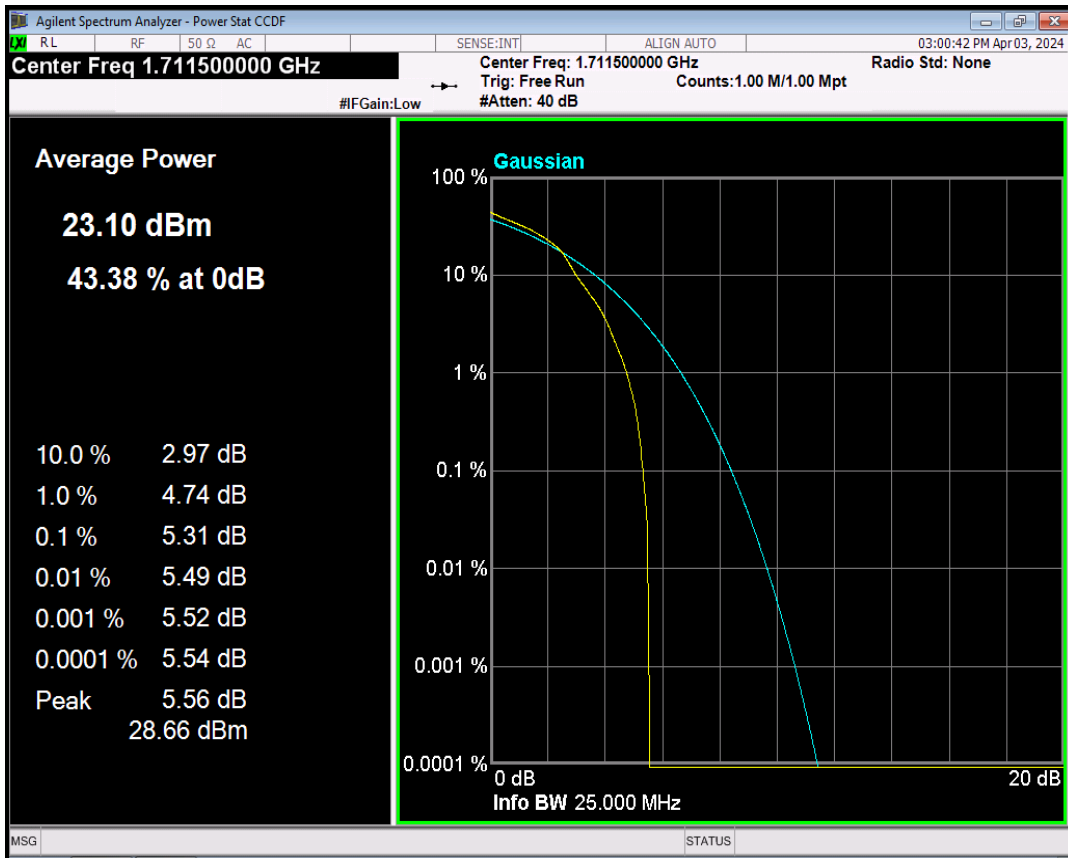


Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0

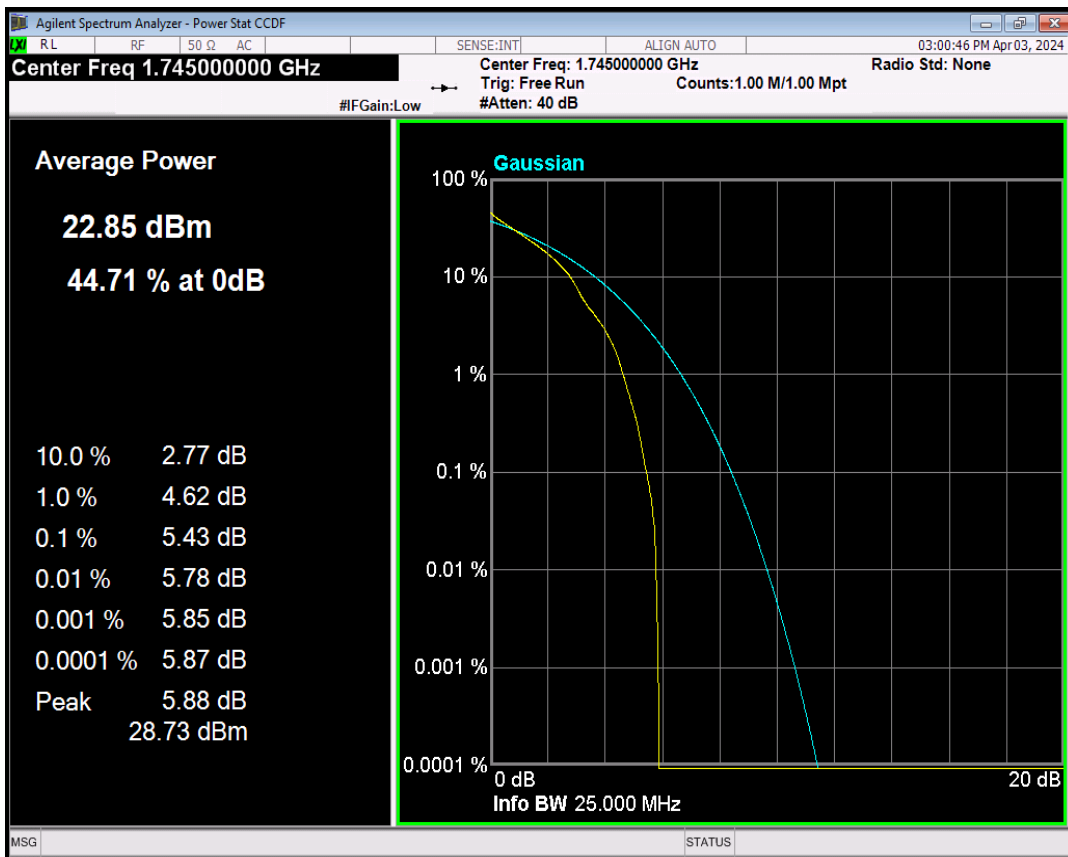


Band66 16QAM BW=3MHz Channel=131987 RB Size=1 Position=#0

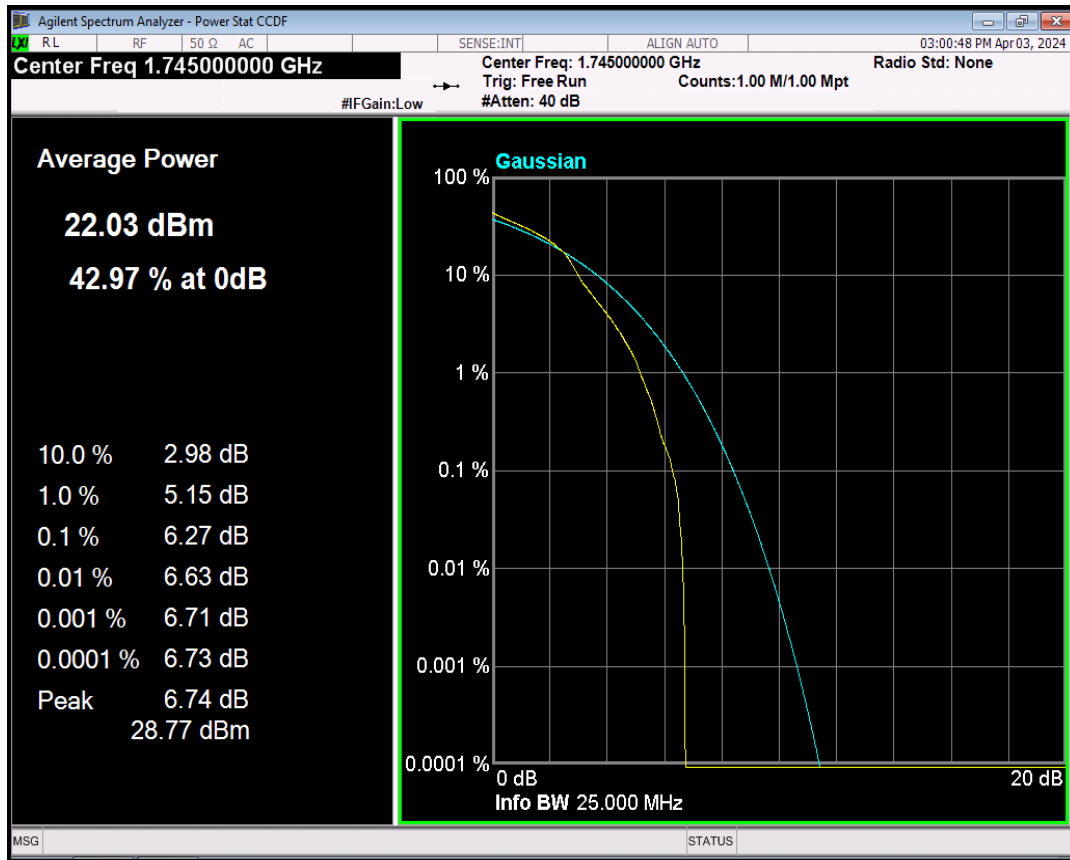




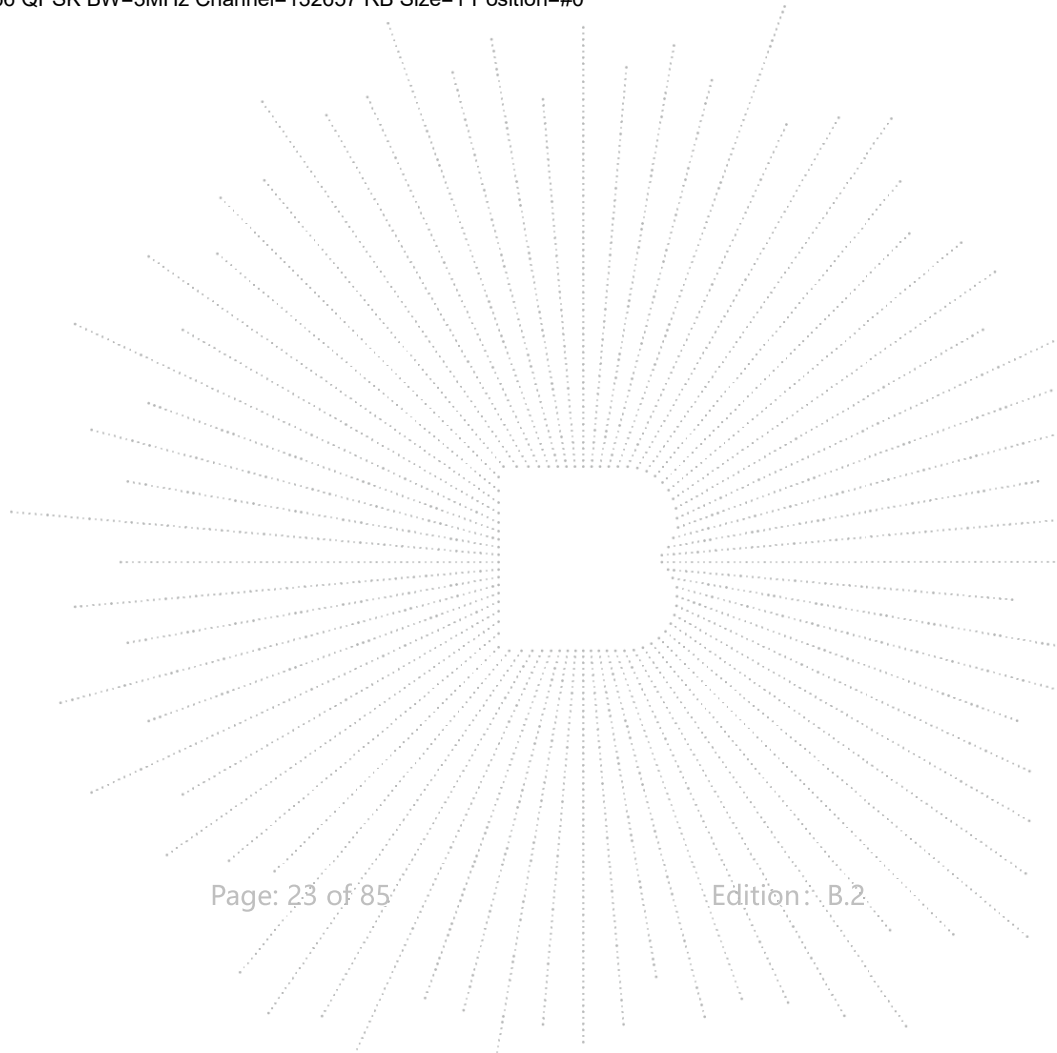
Band66 QPSK BW=3MHz Channel=132322 RB Size=1 Position=#0

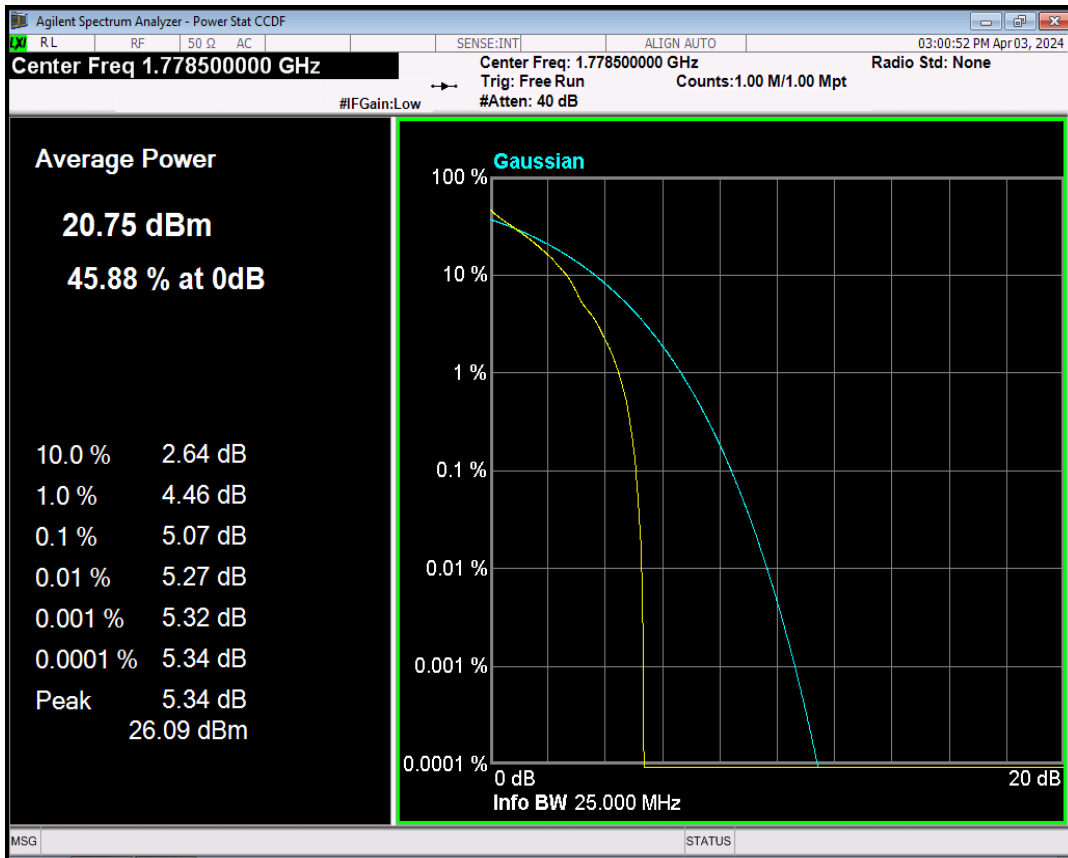


Band66 16QAM BW=3MHz Channel=132322 RB Size=1 Position=#0

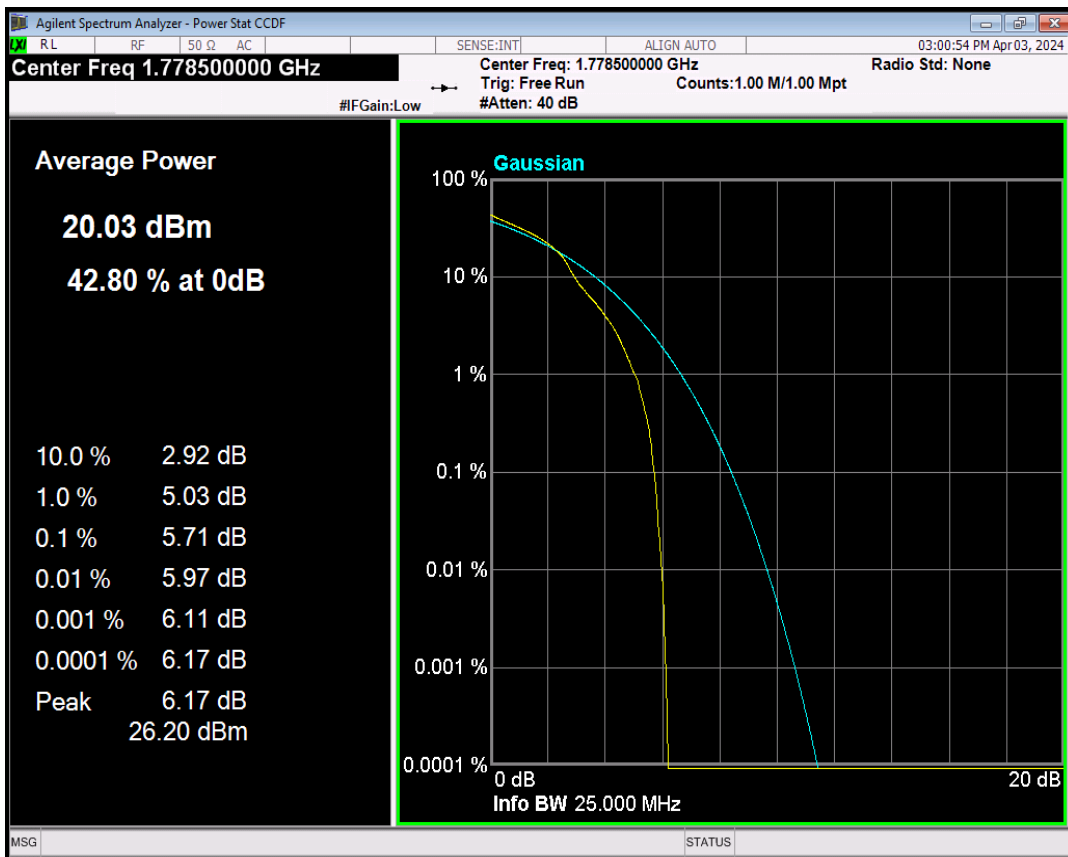


Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#0



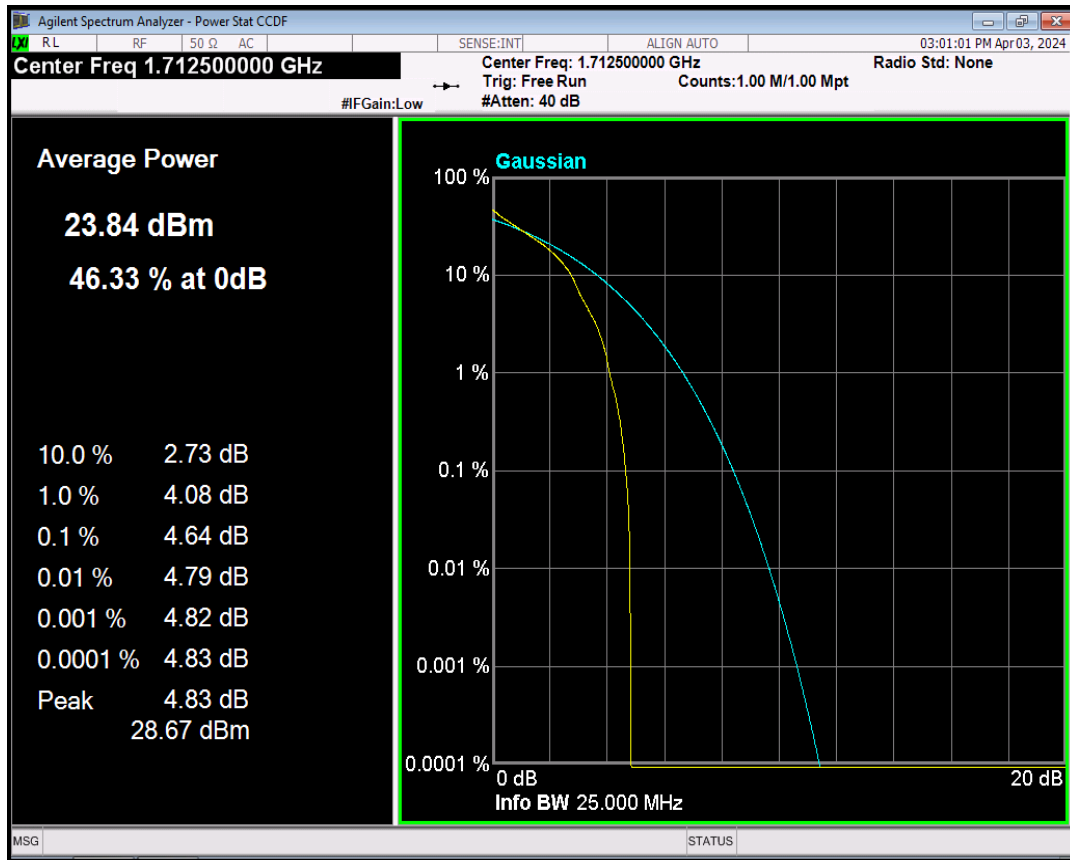


Band66 16QAM BW=3MHz Channel=132657 RB Size=1 Position=#0

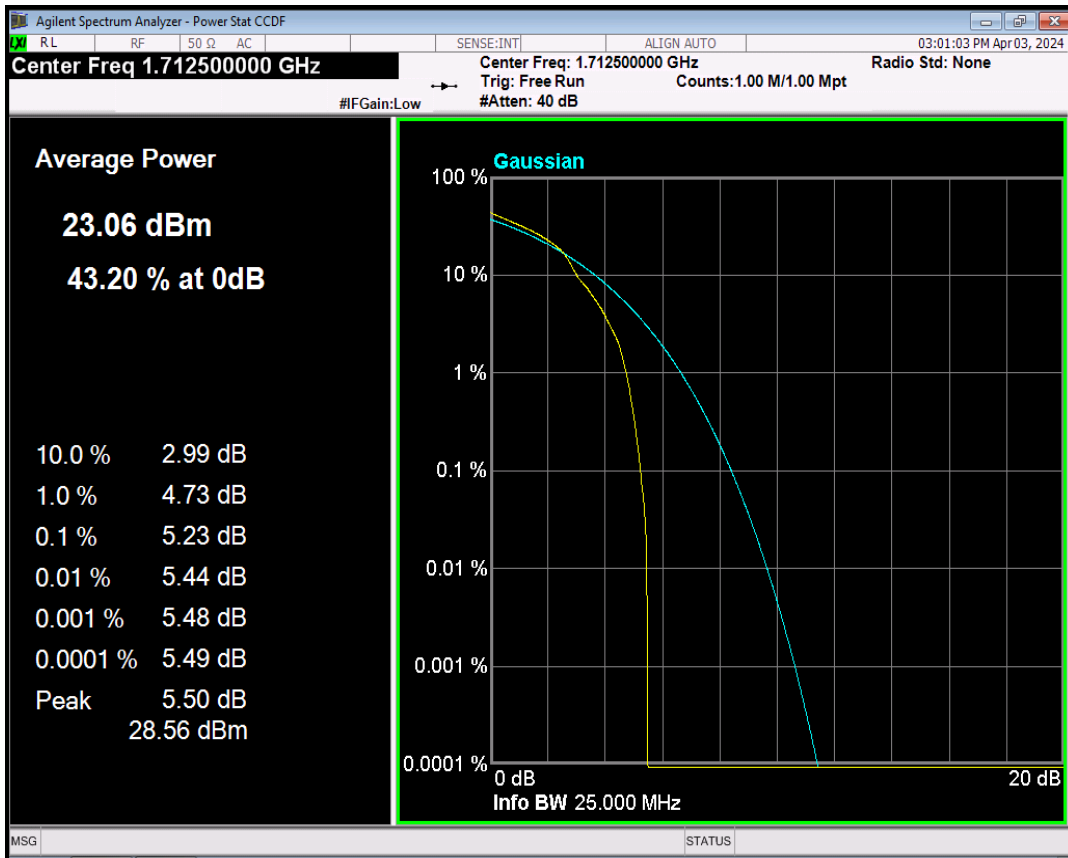




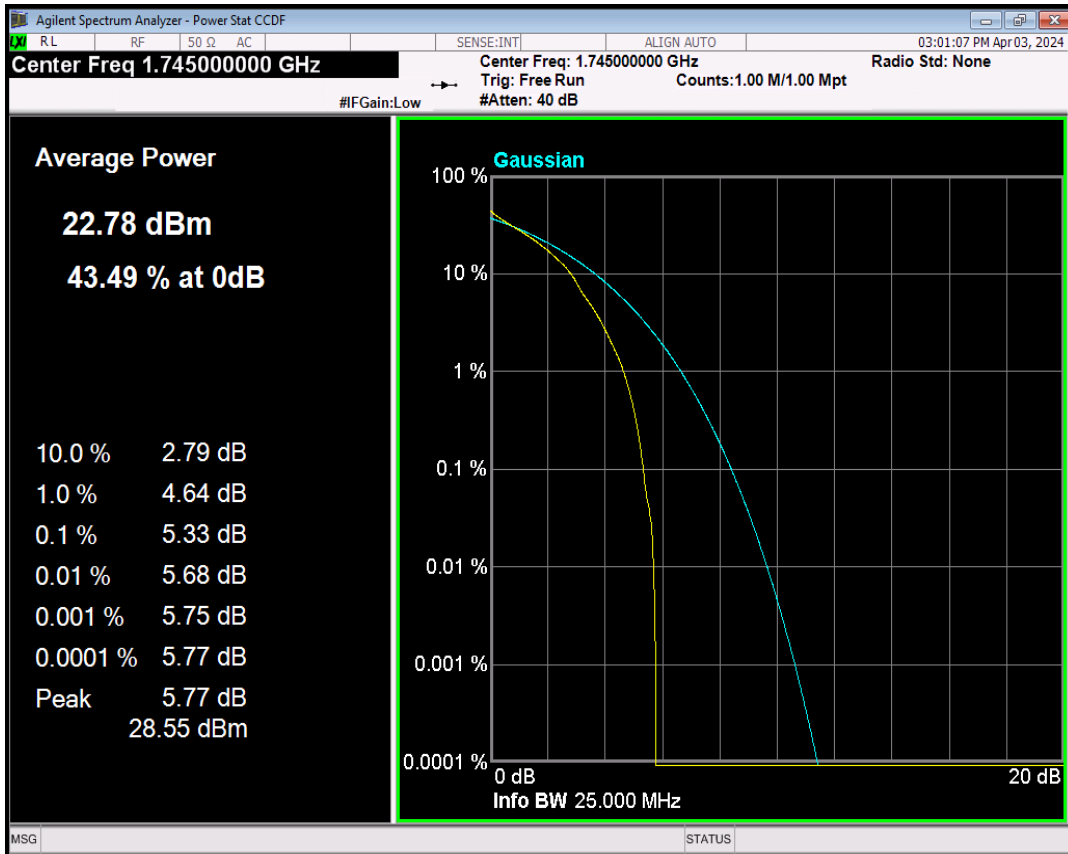
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0



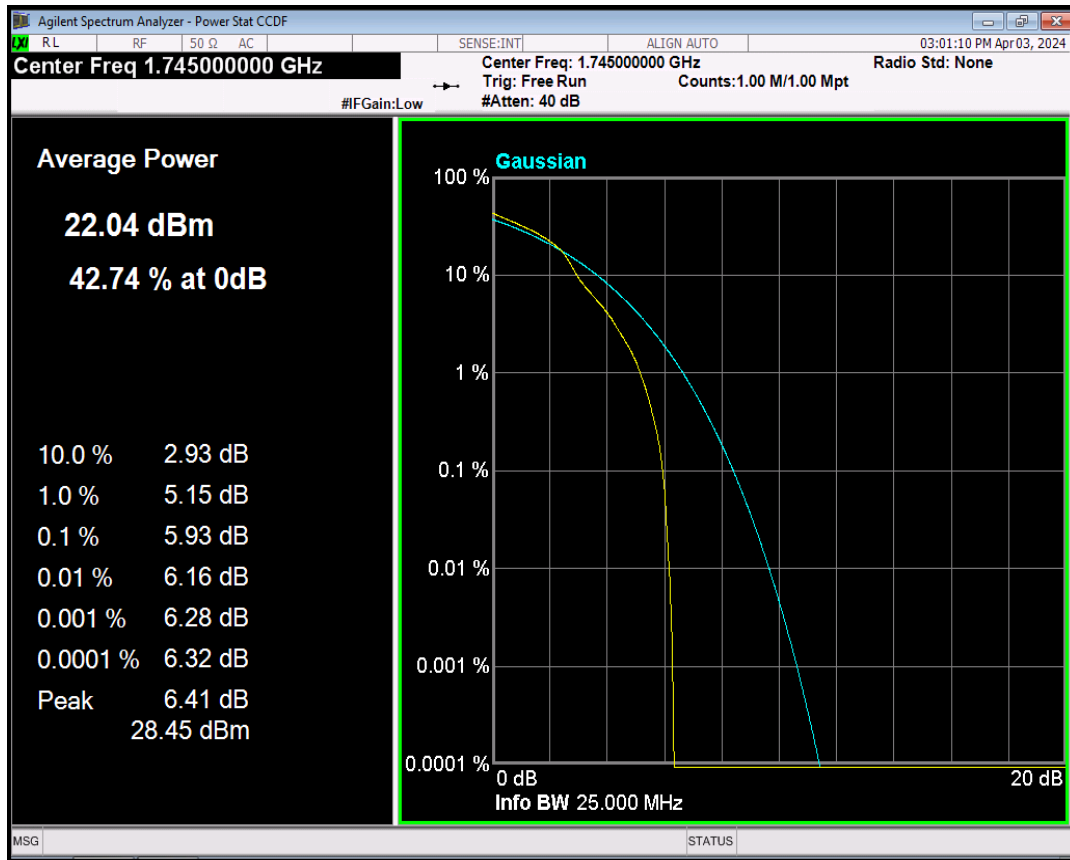
Band66 16QAM BW=5MHz Channel=131997 RB Size=1 Position=#0



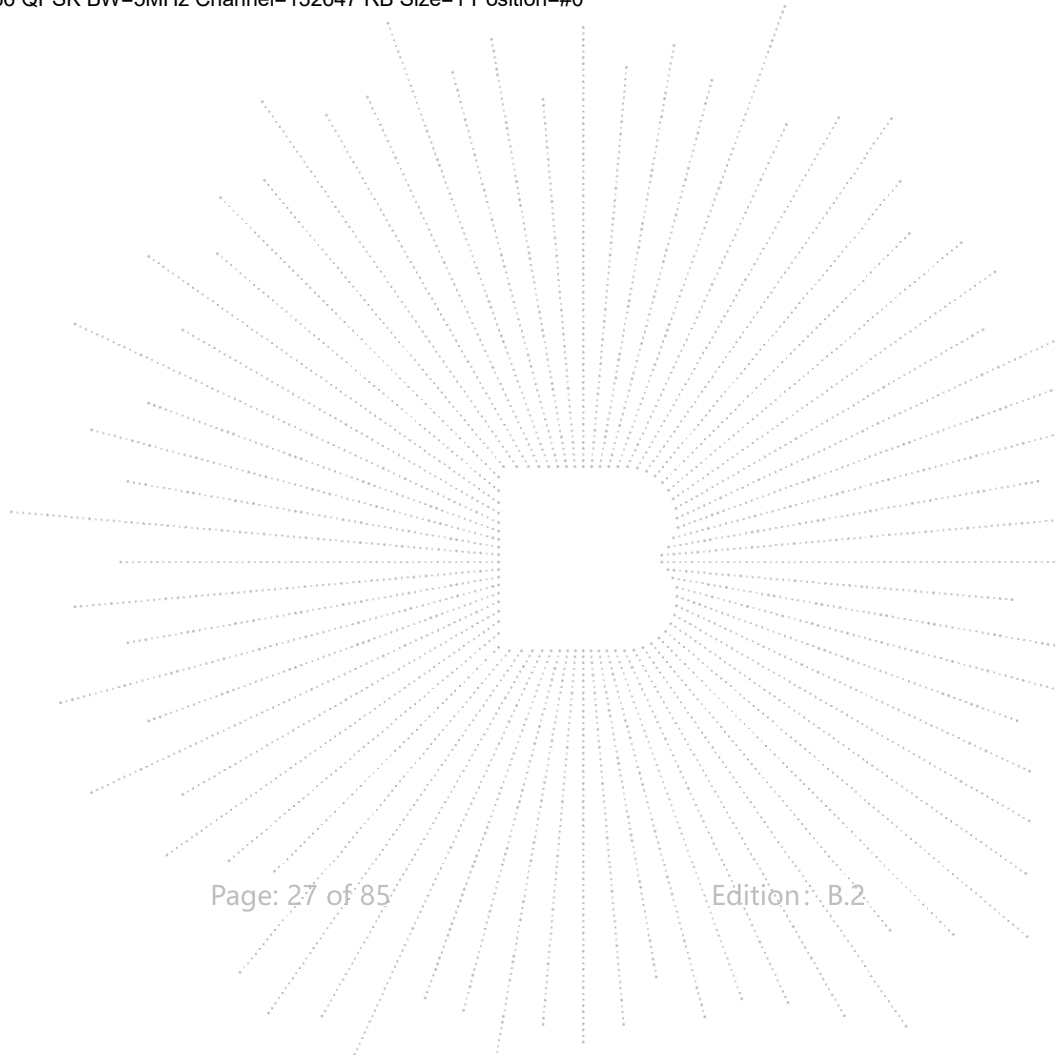
Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0

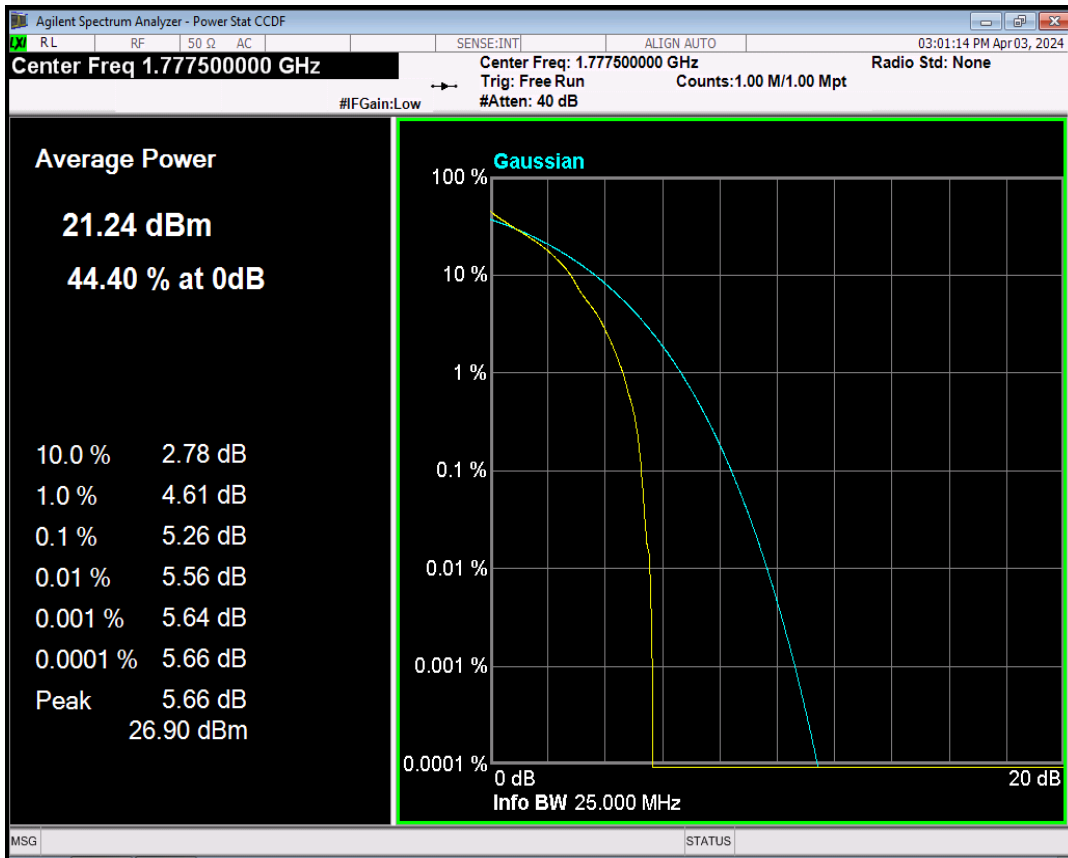


Band66 16QAM BW=5MHz Channel=132322 RB Size=1 Position=#0

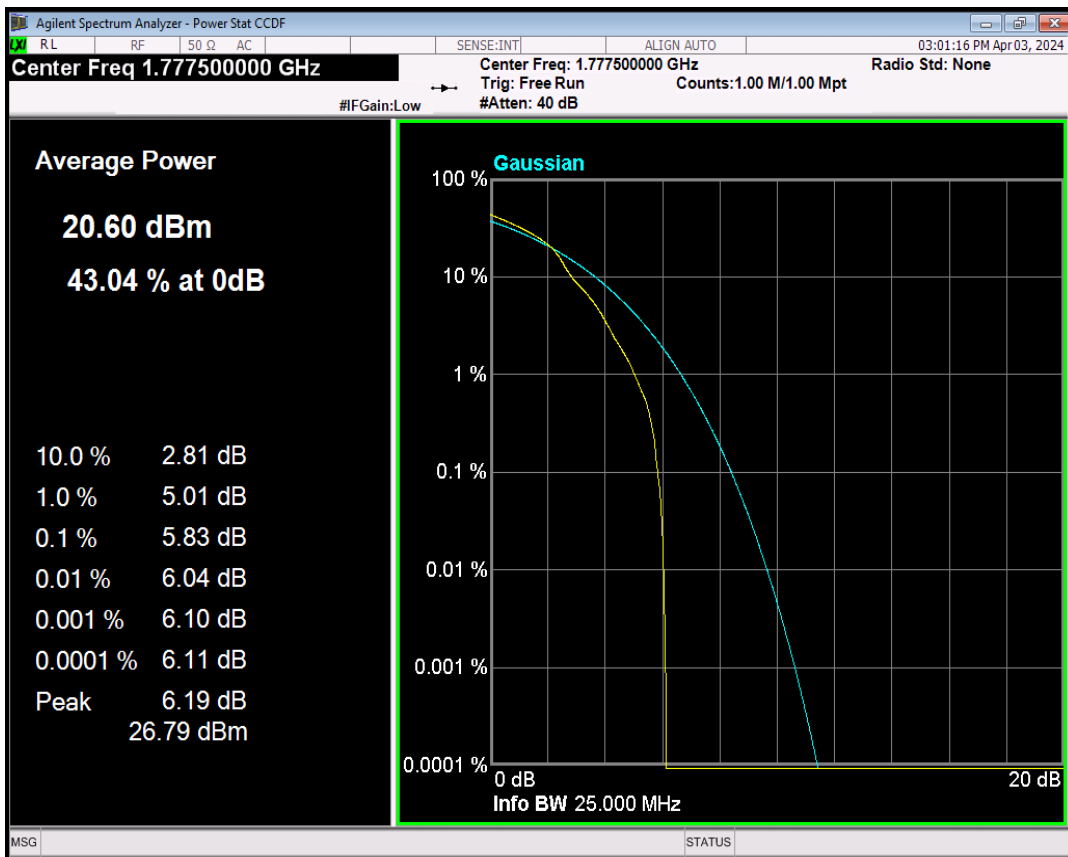


Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#0



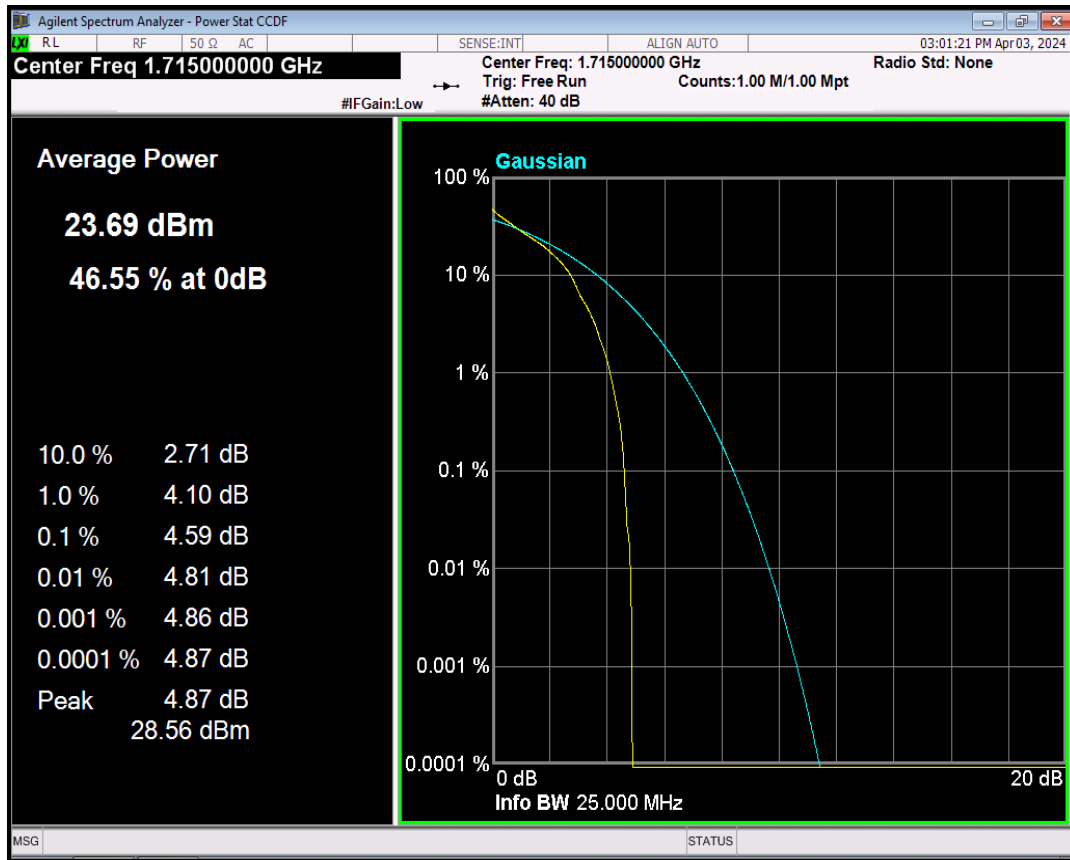


Band66 16QAM BW=5MHz Channel=132647 RB Size=1 Position=#0

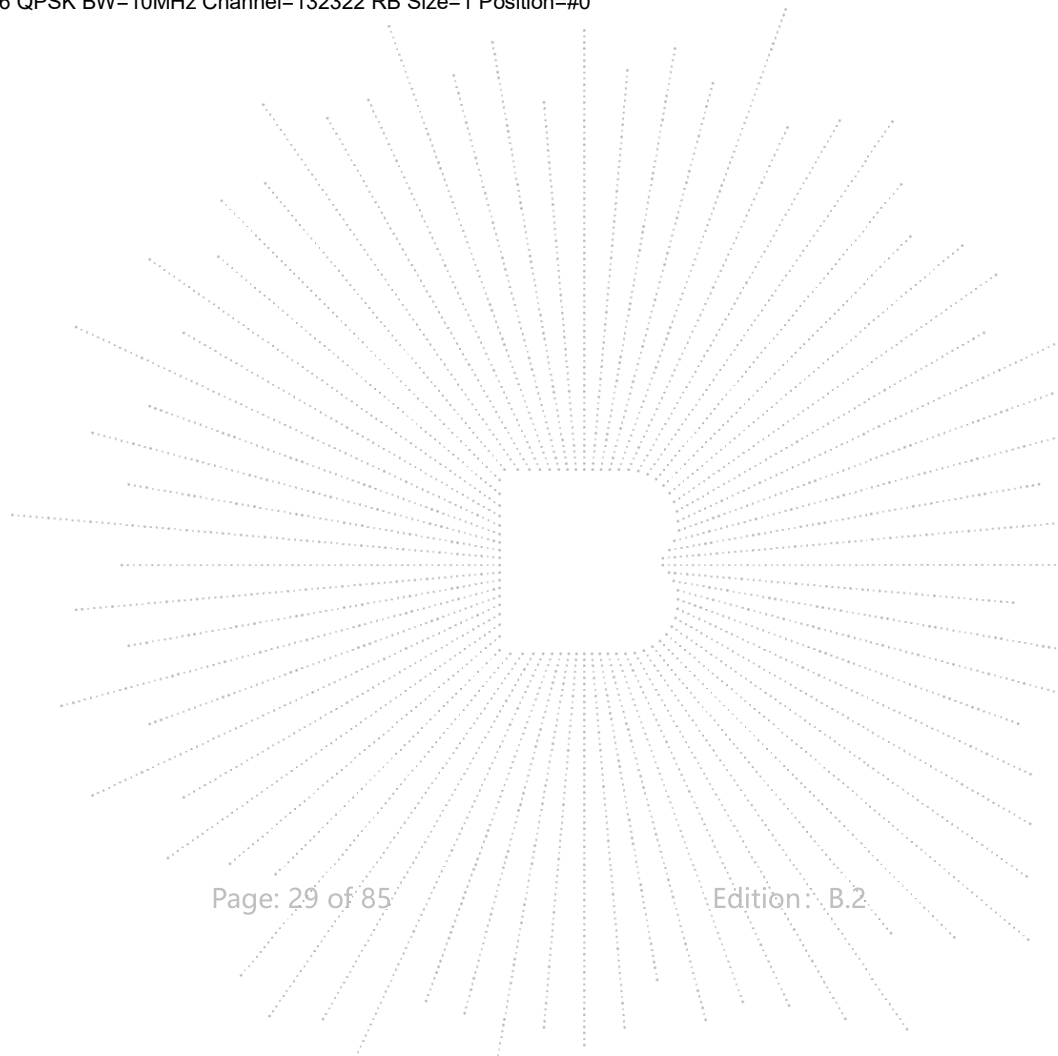


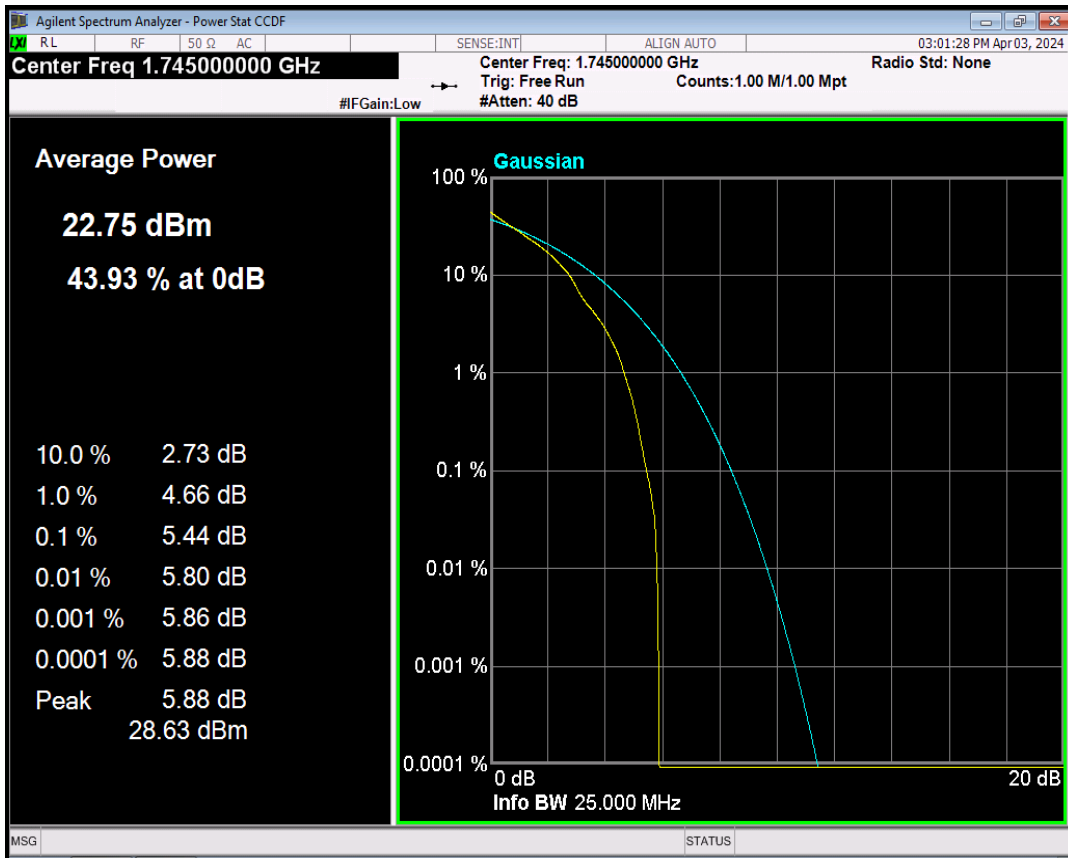


Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0

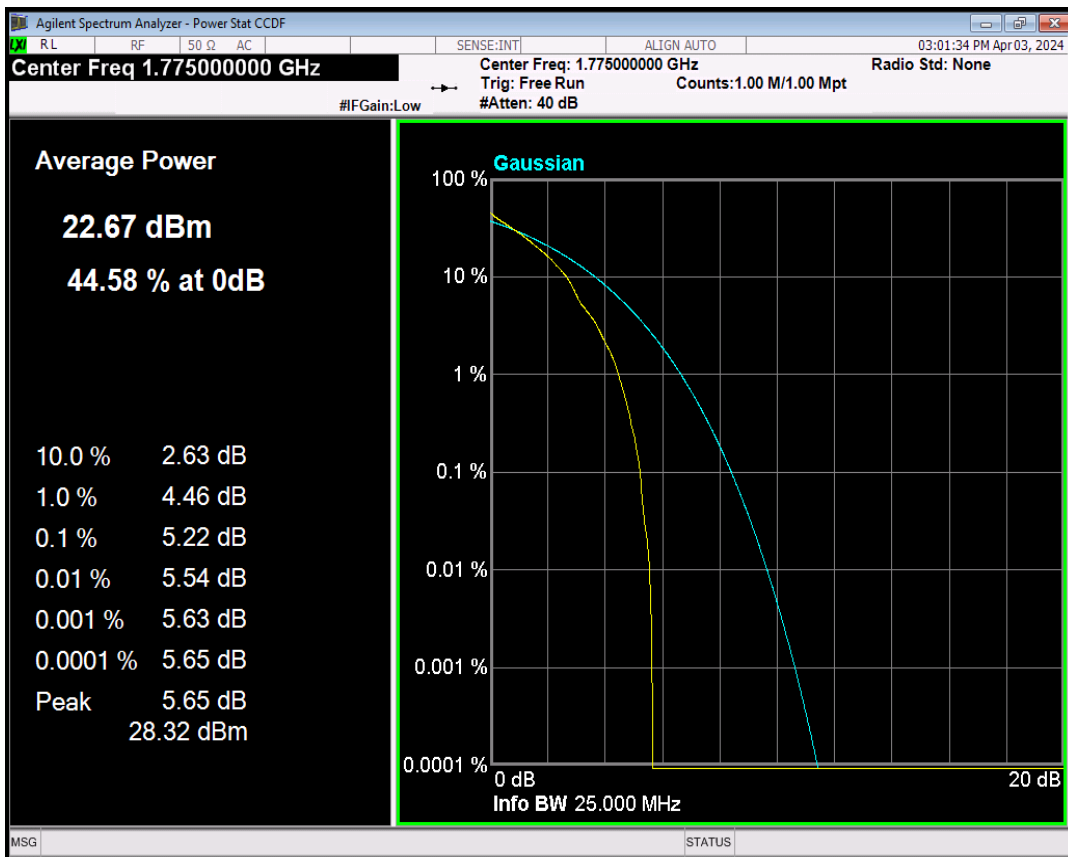


Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0

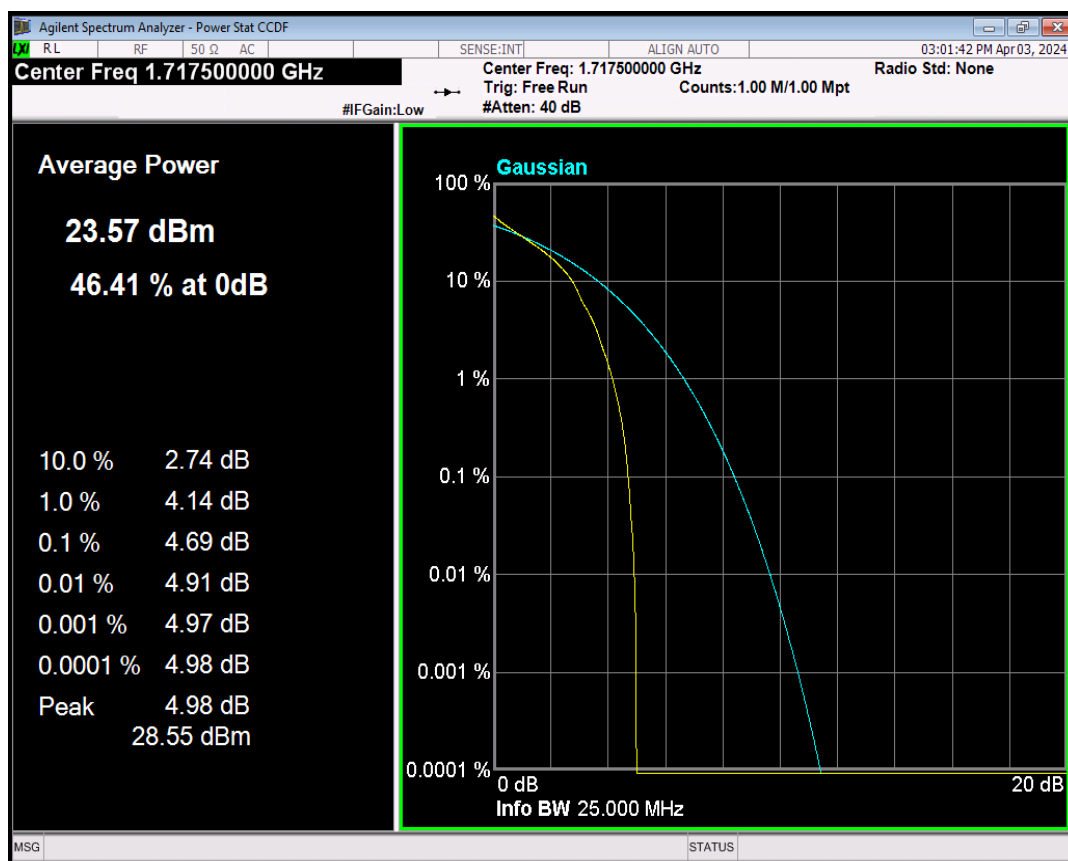




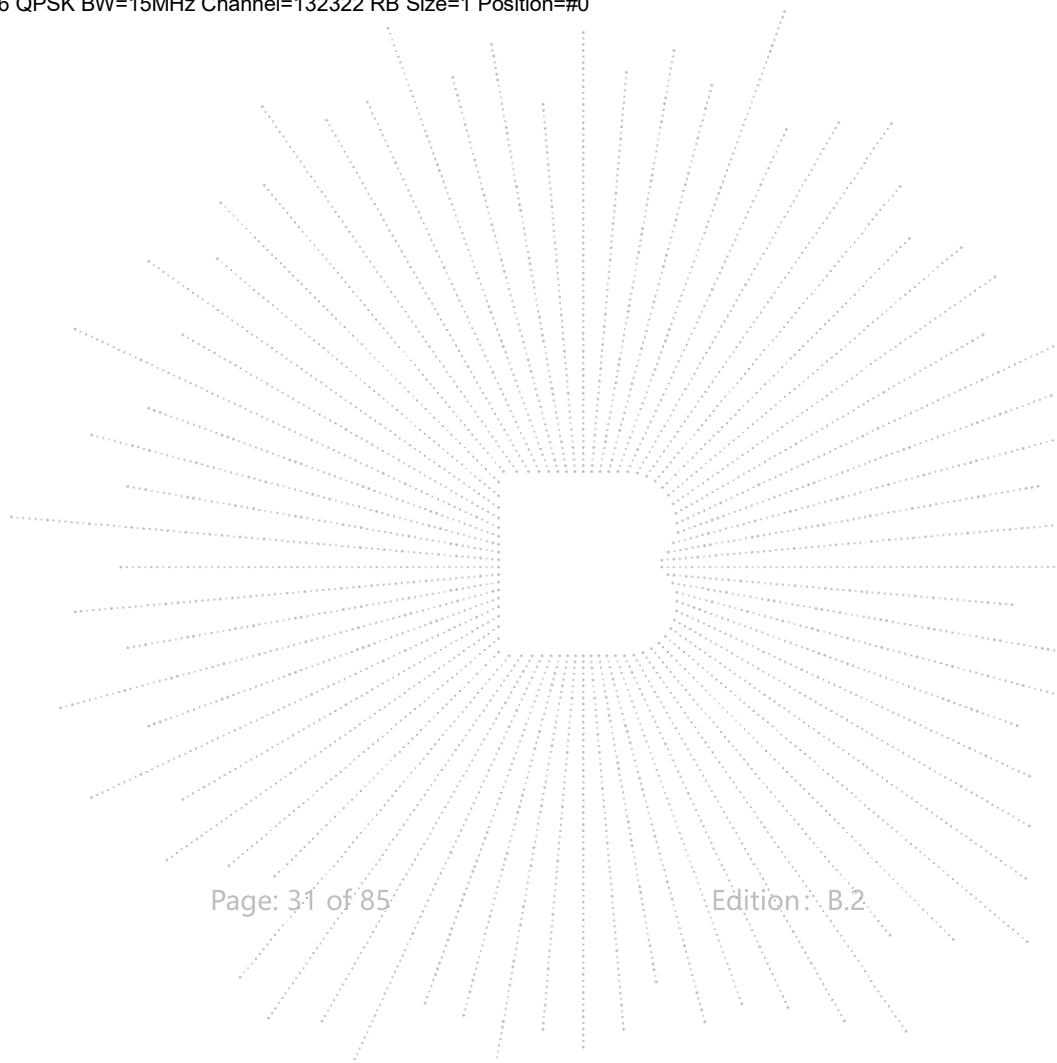
Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#0

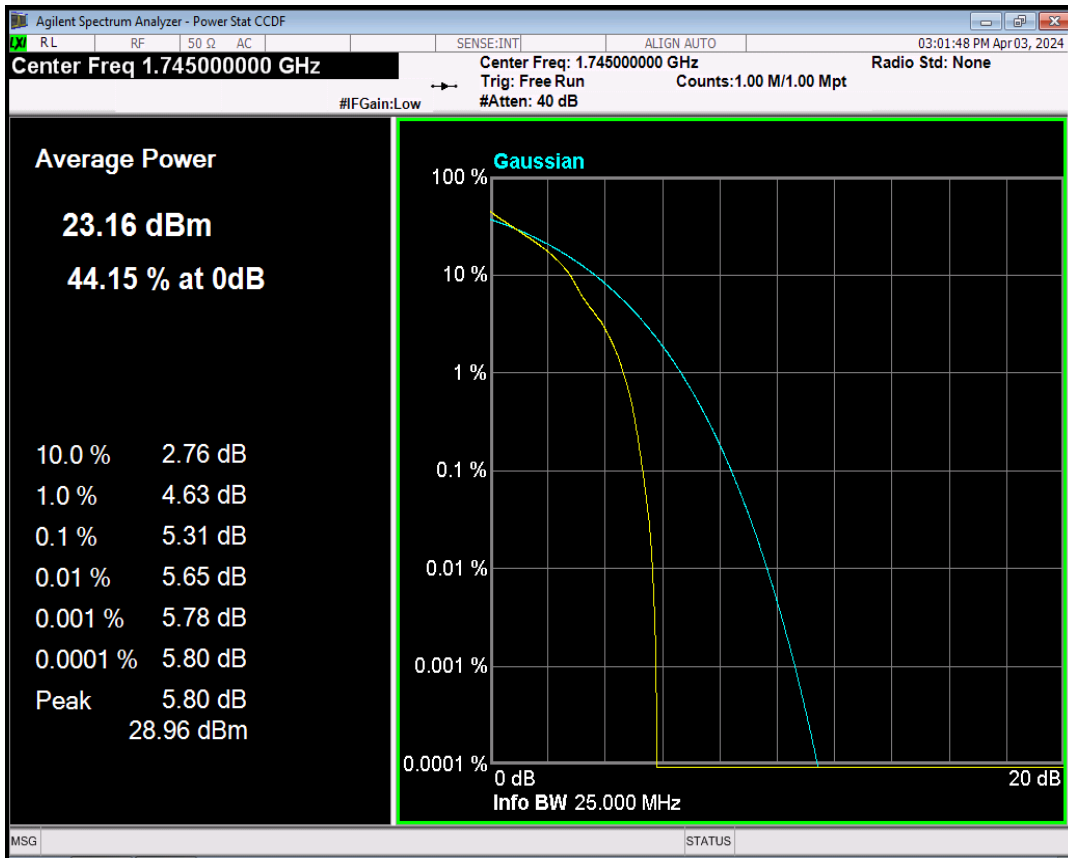


Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0

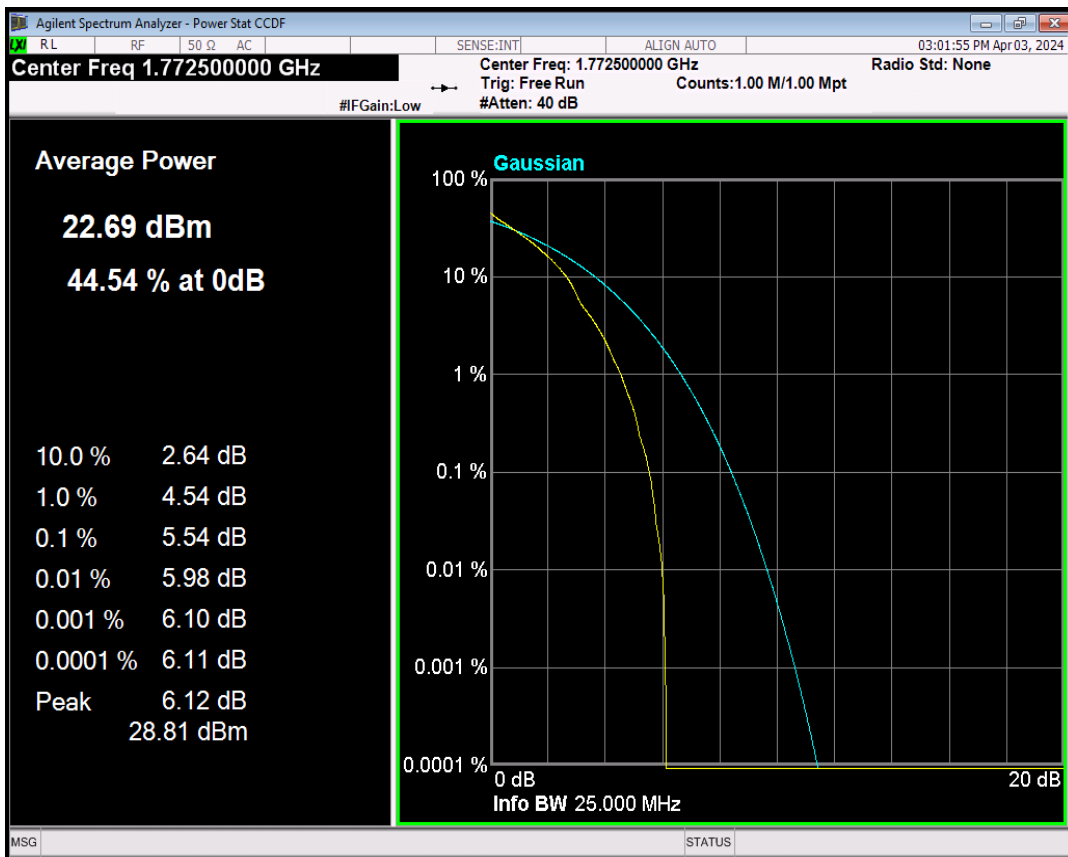


Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0

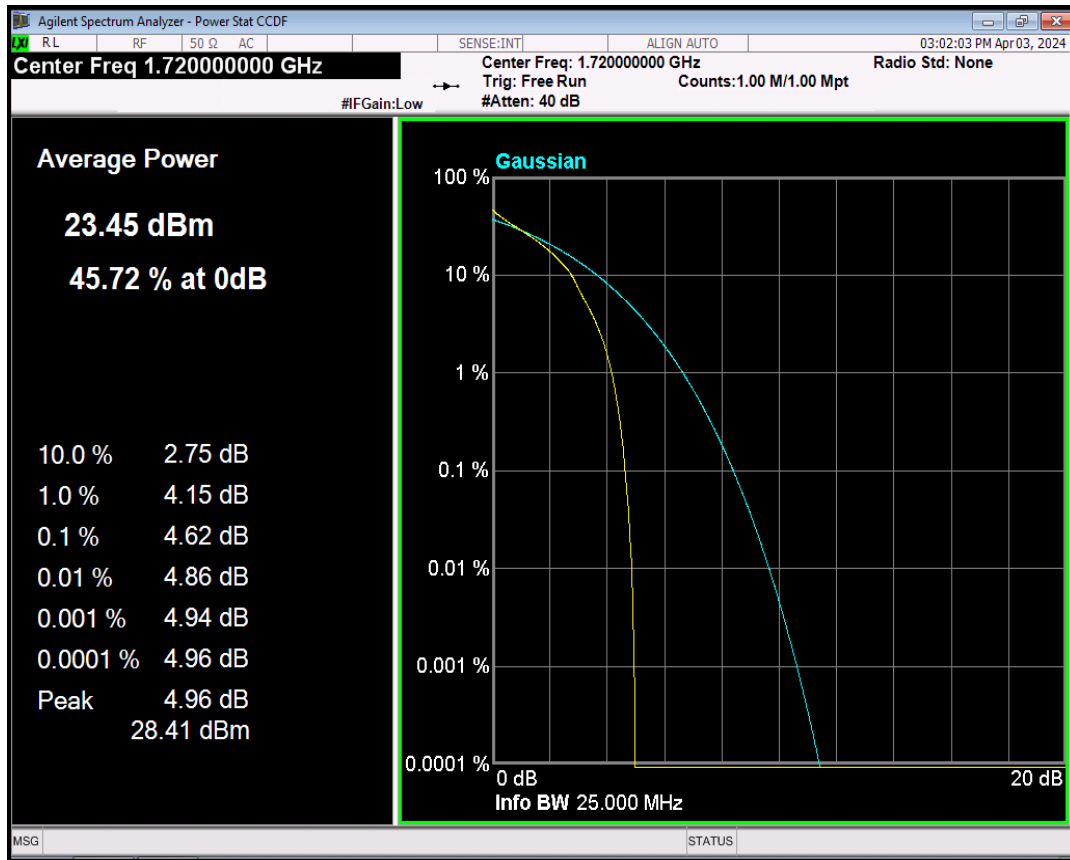




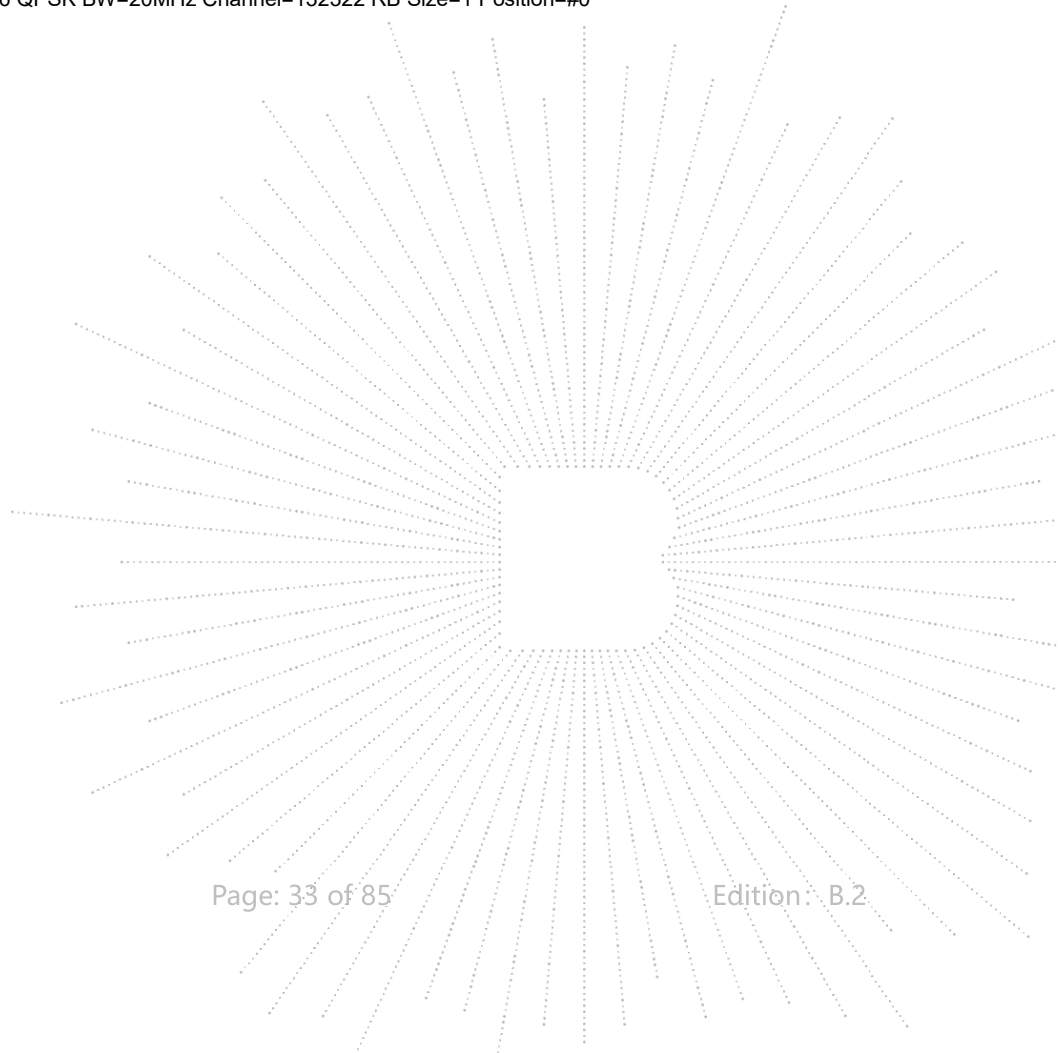
Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0

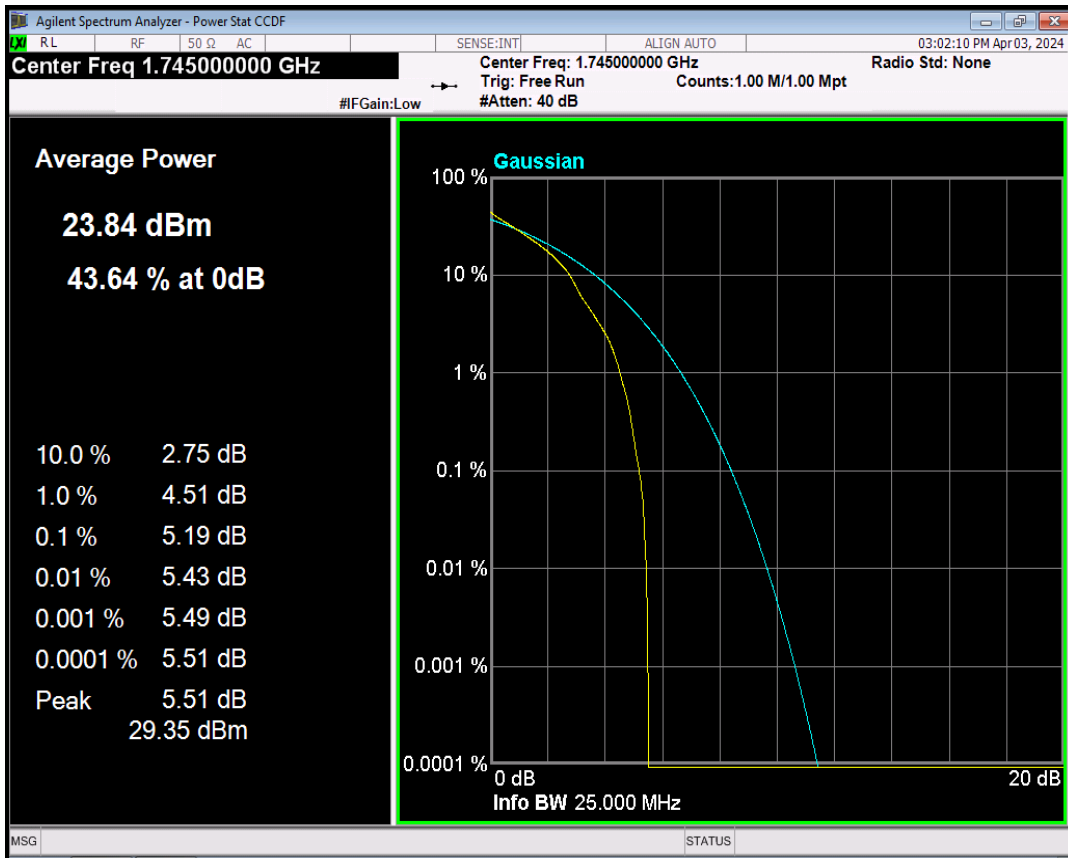


Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0

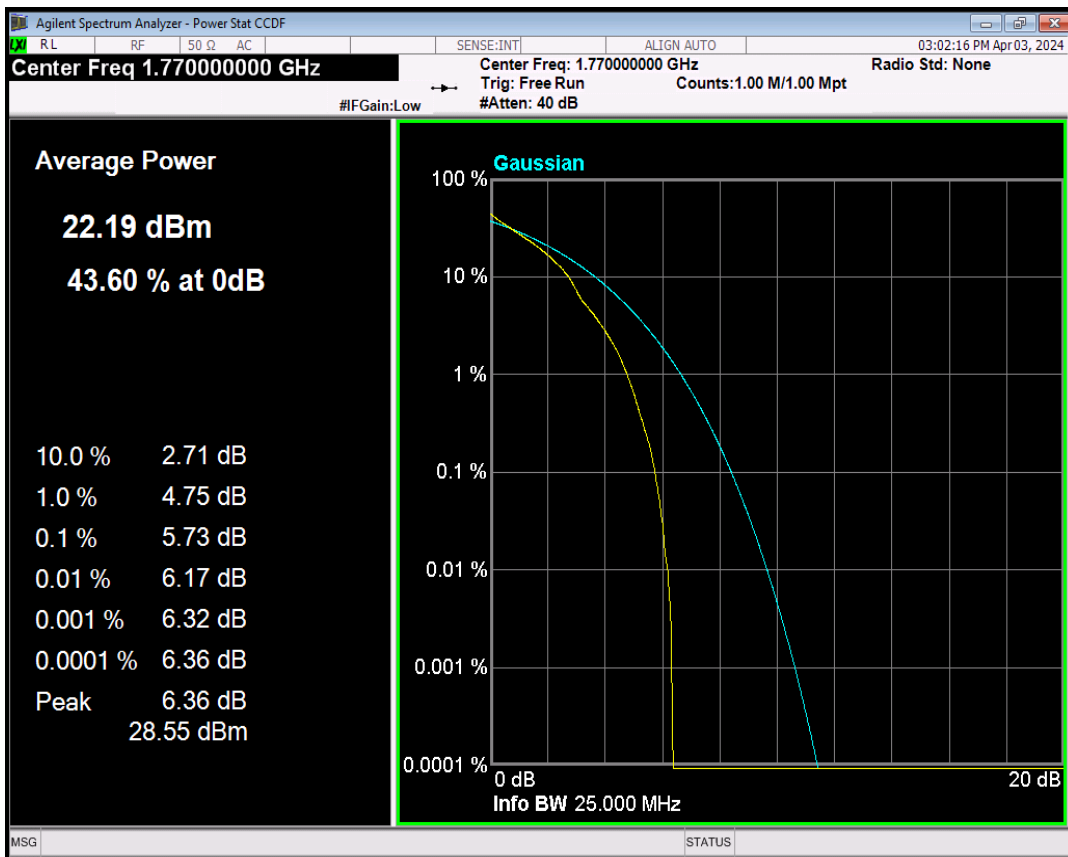


Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0





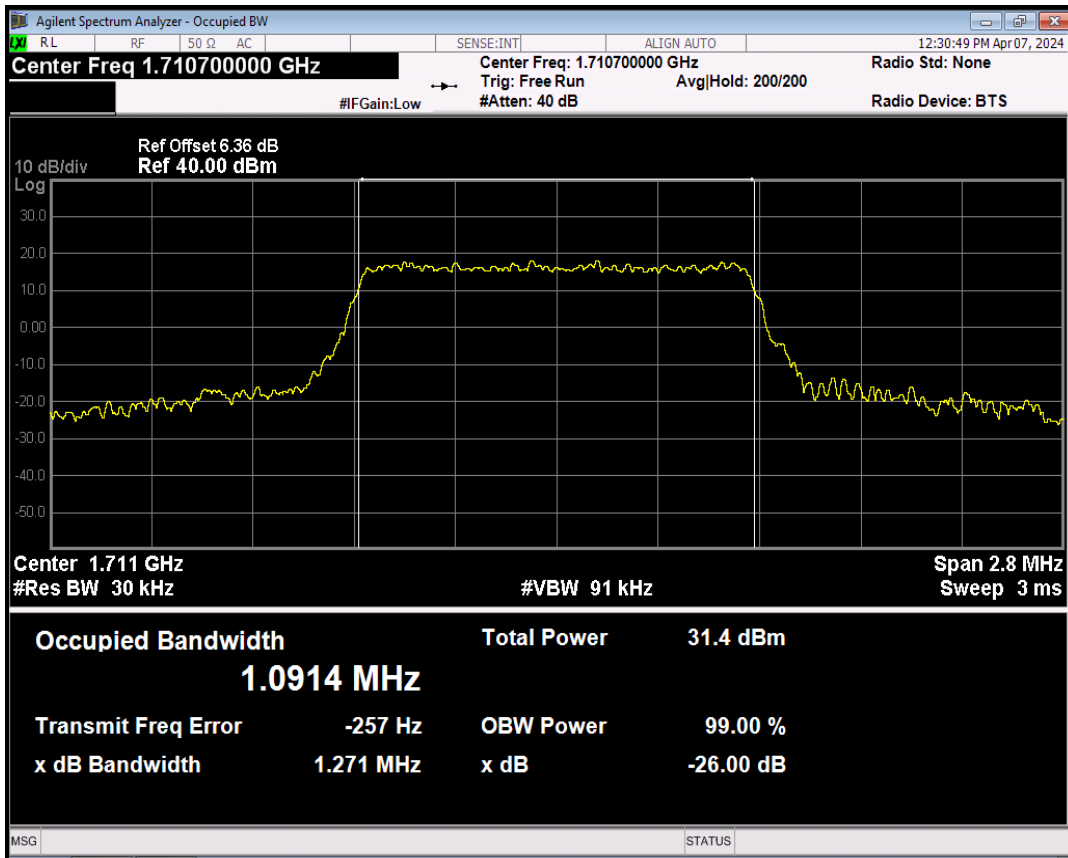
Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0



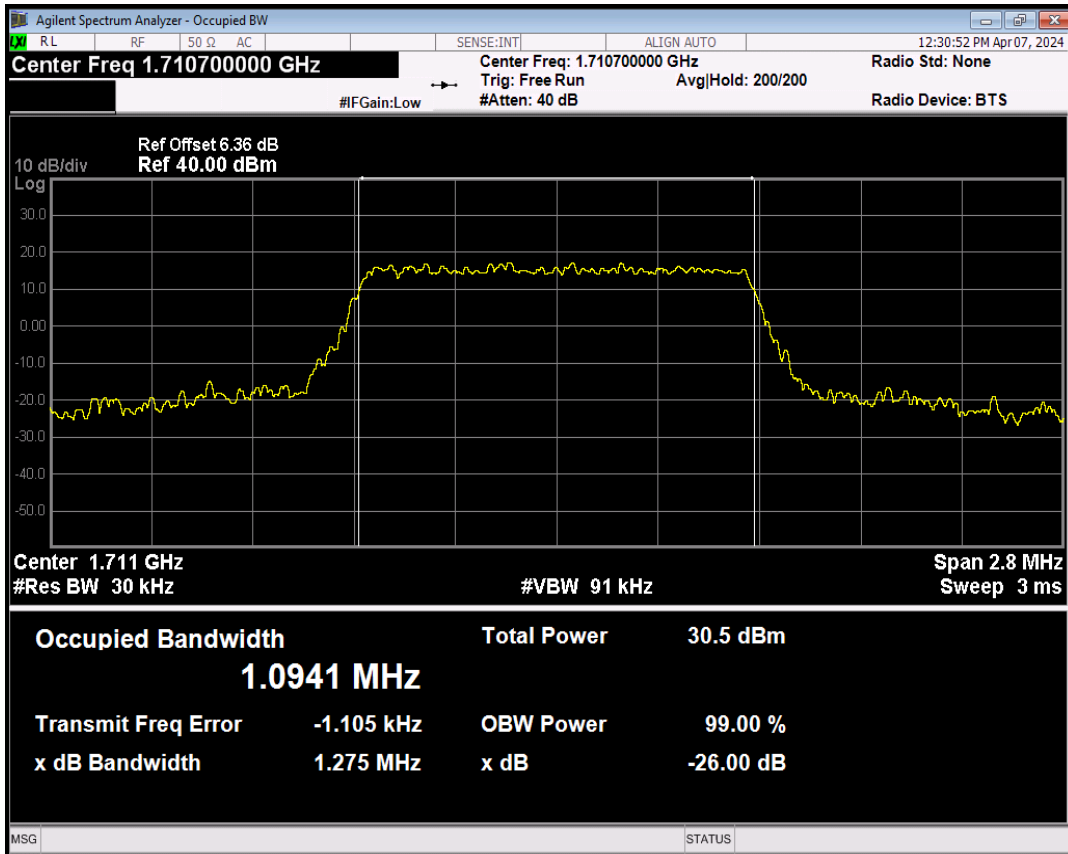
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band66	1.4	131979	6	#0	QPSK	1.091	1.271	PASS
Band66	1.4	131979	6	#0	16QAM	1.094	1.275	PASS
Band66	1.4	132322	6	#0	QPSK	1.093	1.274	PASS
Band66	1.4	132322	6	#0	16QAM	1.092	1.265	PASS
Band66	1.4	132665	6	#0	QPSK	1.094	1.250	PASS
Band66	1.4	132665	6	#0	16QAM	1.098	1.271	PASS
Band66	3	131987	15	#0	QPSK	2.701	2.938	PASS
Band66	3	131987	15	#0	16QAM	2.691	2.916	PASS
Band66	3	132322	15	#0	QPSK	2.706	2.953	PASS
Band66	3	132322	15	#0	16QAM	2.701	2.961	PASS
Band66	3	132657	15	#0	QPSK	2.699	2.953	PASS
Band66	3	132657	15	#0	16QAM	2.699	2.969	PASS
Band66	5	131997	25	#0	QPSK	4.502	4.962	PASS
Band66	5	131997	25	#0	16QAM	4.501	4.862	PASS
Band66	5	132322	25	#0	QPSK	4.513	4.925	PASS
Band66	5	132322	25	#0	16QAM	4.522	4.902	PASS
Band66	5	132647	25	#0	QPSK	4.498	4.924	PASS
Band66	5	132647	25	#0	16QAM	4.536	4.948	PASS
Band66	10	132022	50	#0	QPSK	8.968	9.739	PASS
Band66	10	132322	50	#0	QPSK	8.985	9.713	PASS
Band66	10	132622	50	#0	QPSK	8.991	9.614	PASS
Band66	15	132047	75	#0	QPSK	13.498	14.435	PASS
Band66	15	132322	75	#0	QPSK	13.442	14.380	PASS
Band66	15	132597	75	#0	QPSK	13.438	14.272	PASS
Band66	20	132072	100	#0	QPSK	18.034	19.095	PASS
Band66	20	132322	100	#0	QPSK	17.906	19.082	PASS
Band66	20	132572	100	#0	QPSK	17.848	19.077	PASS

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

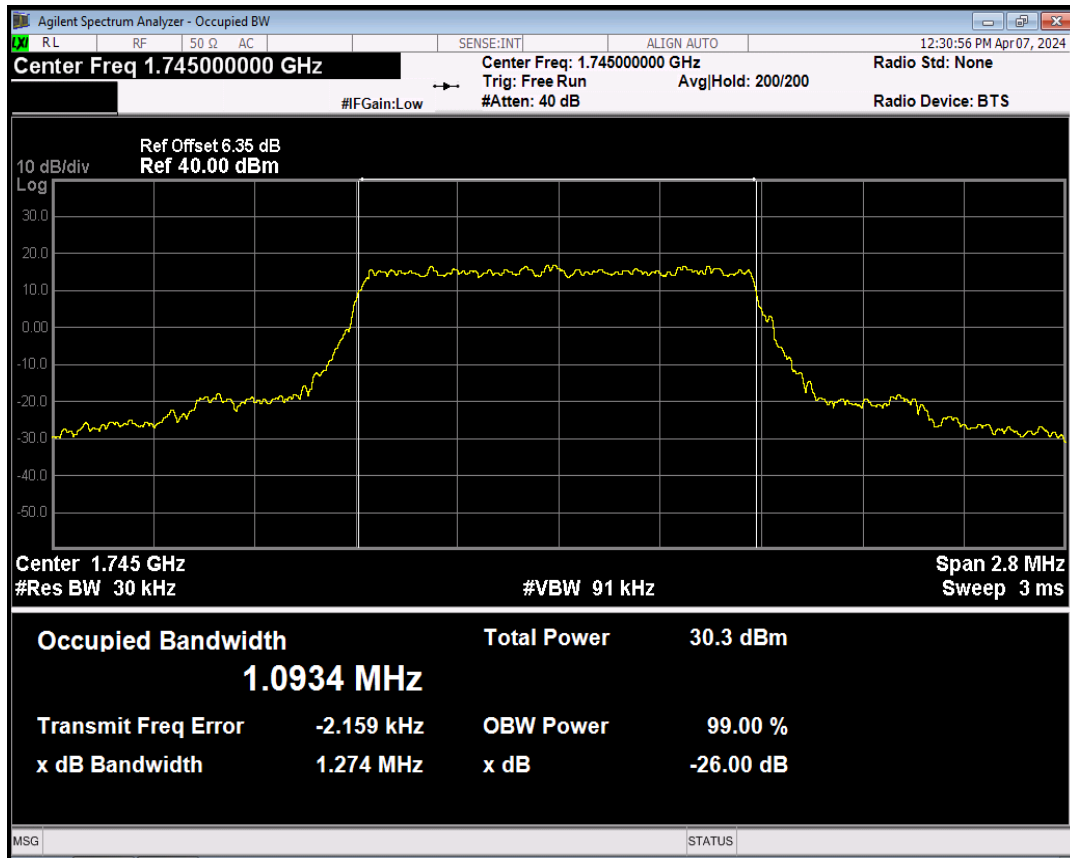


Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0

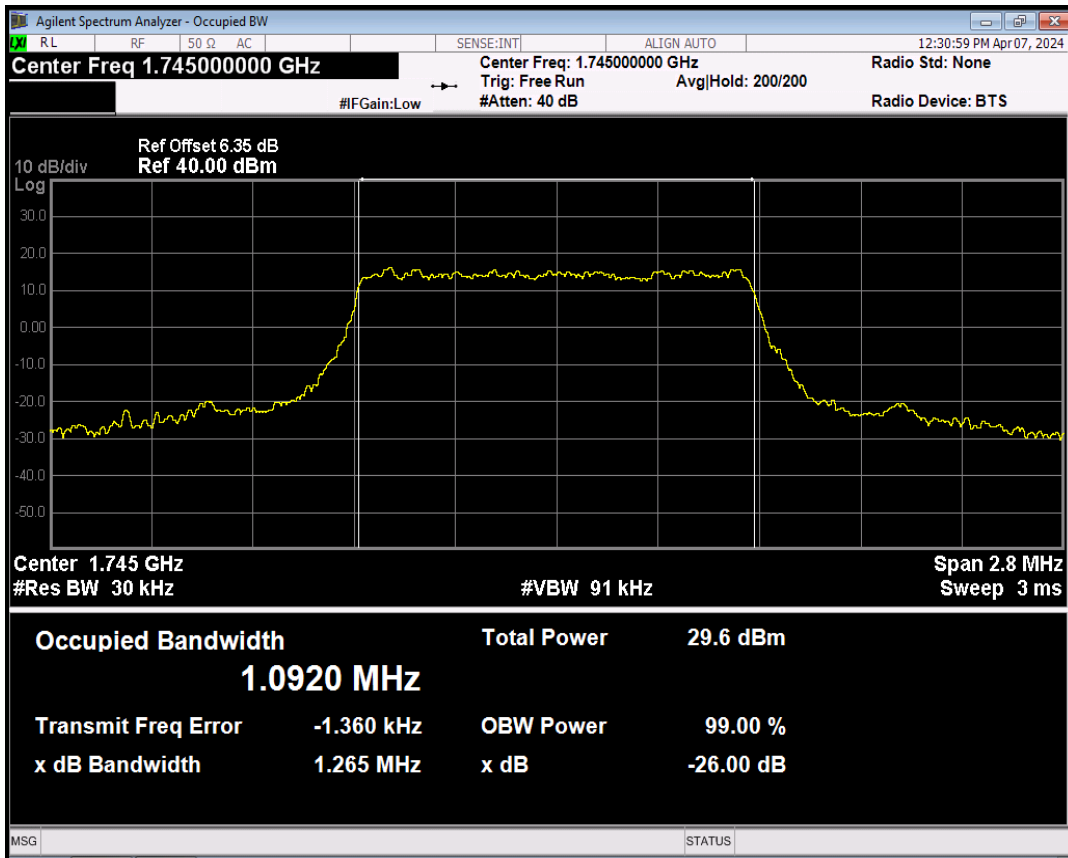




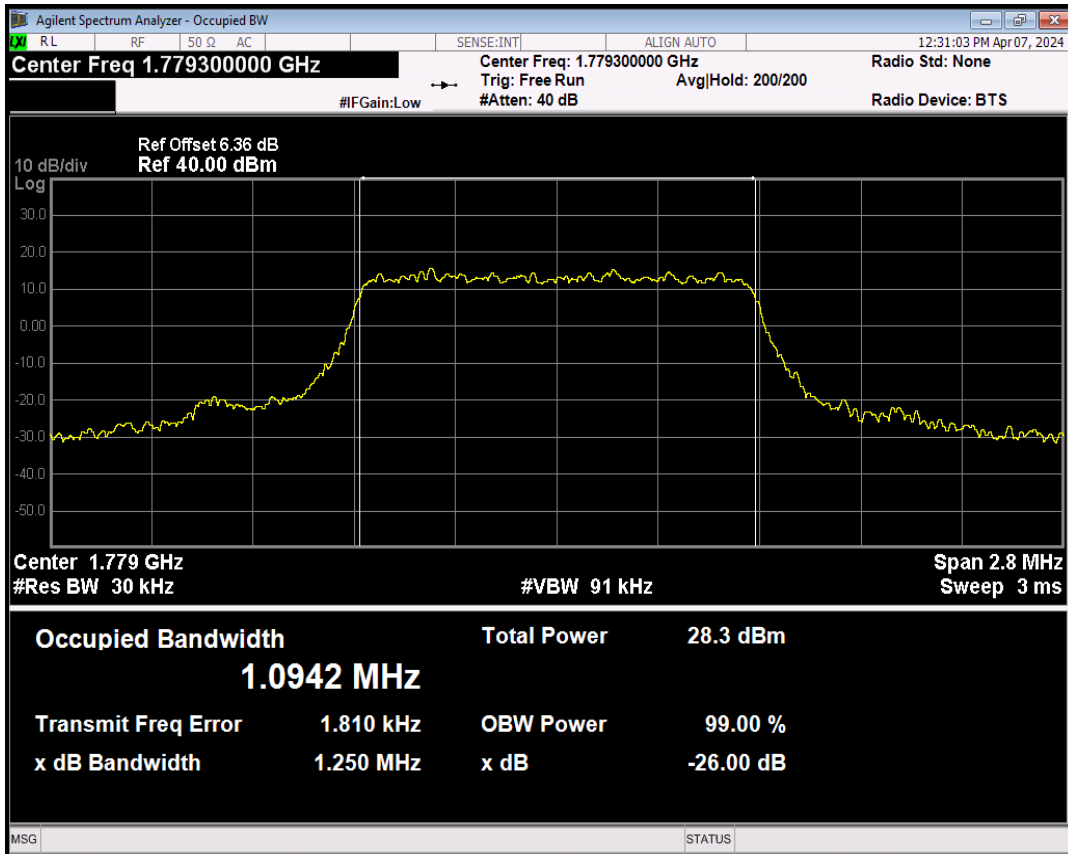
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0

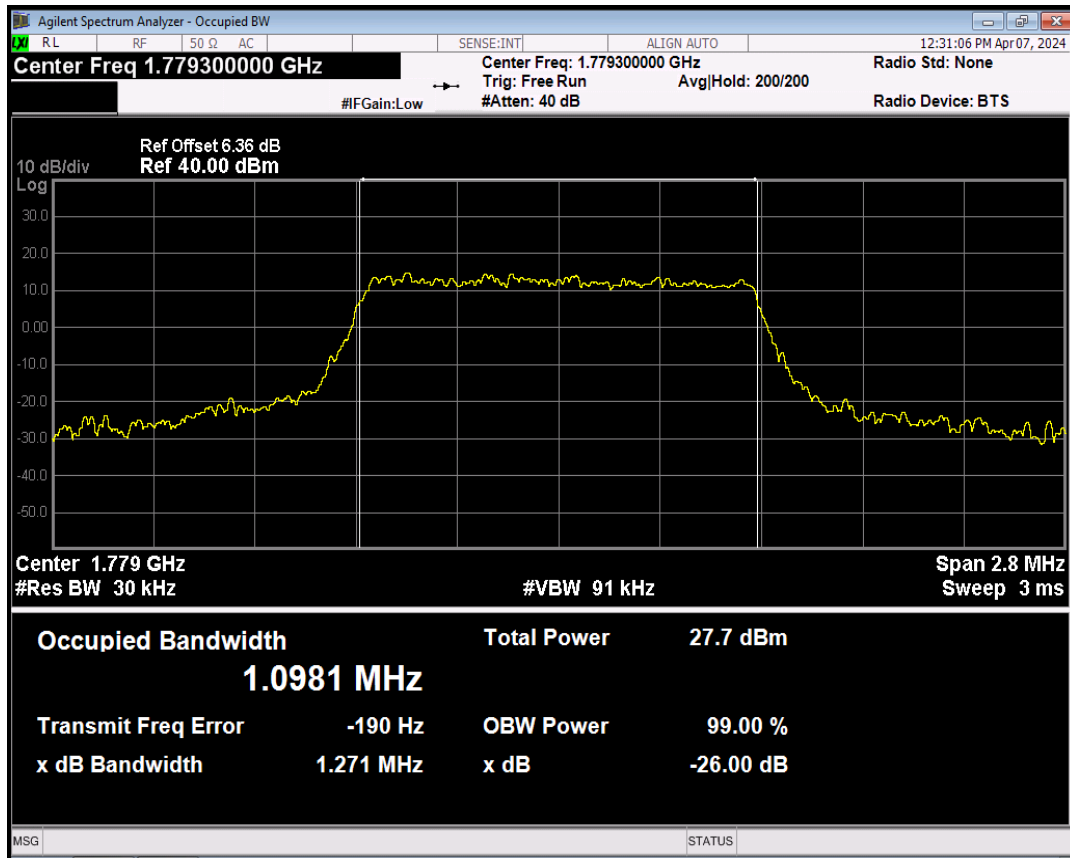


Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0

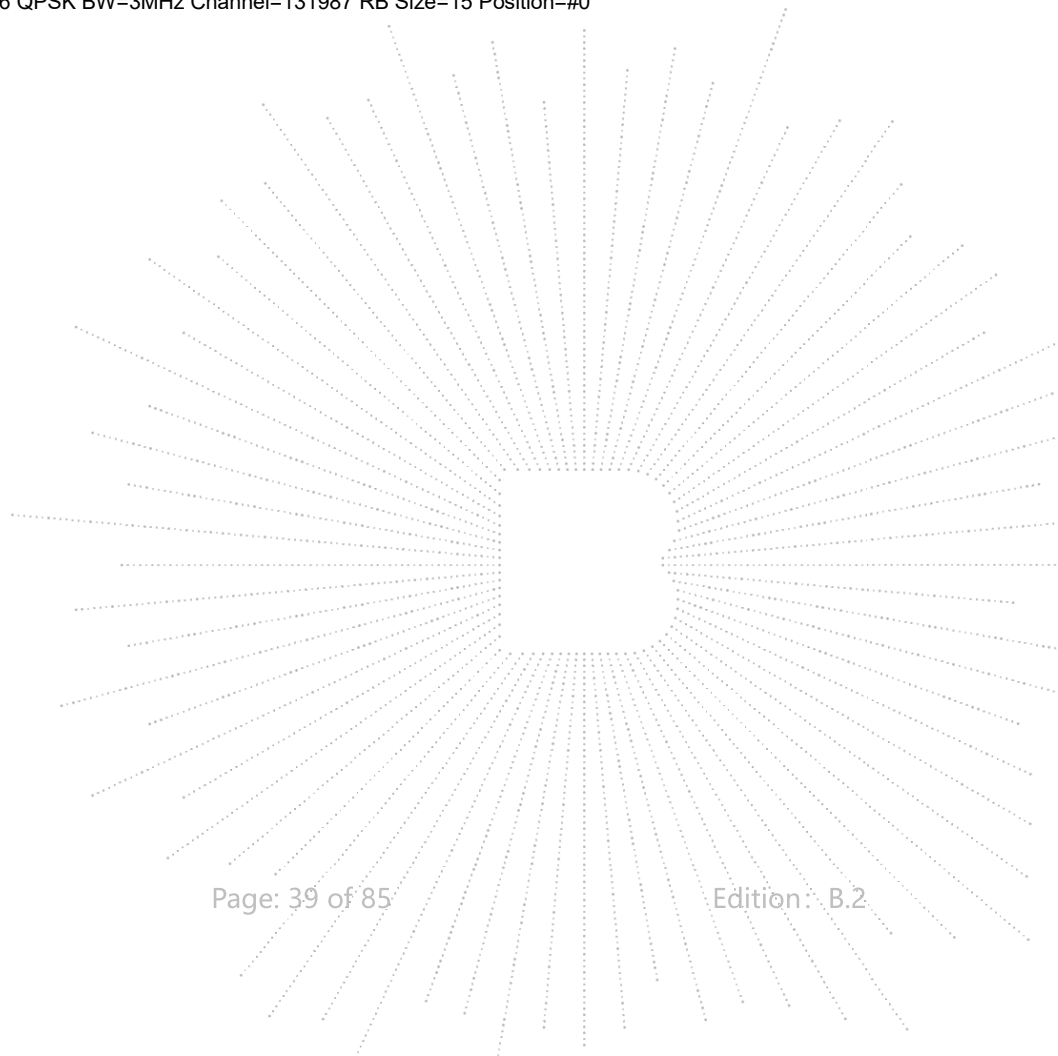


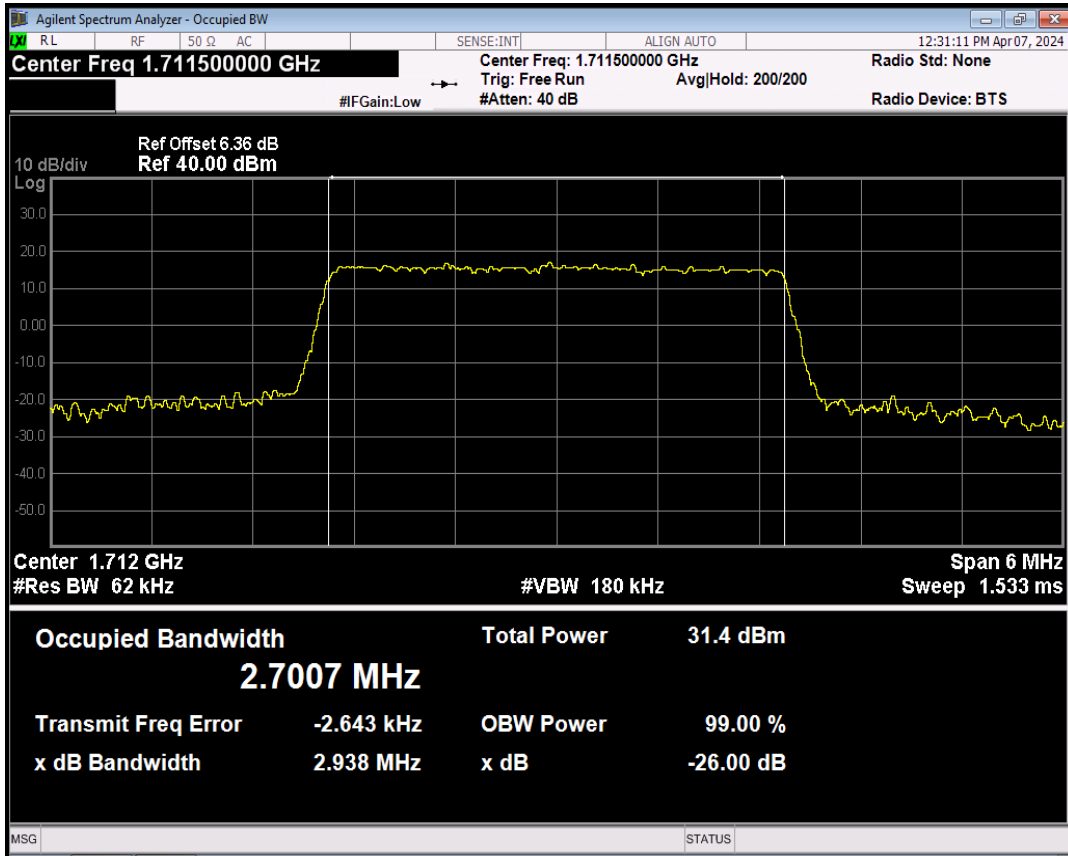


Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0

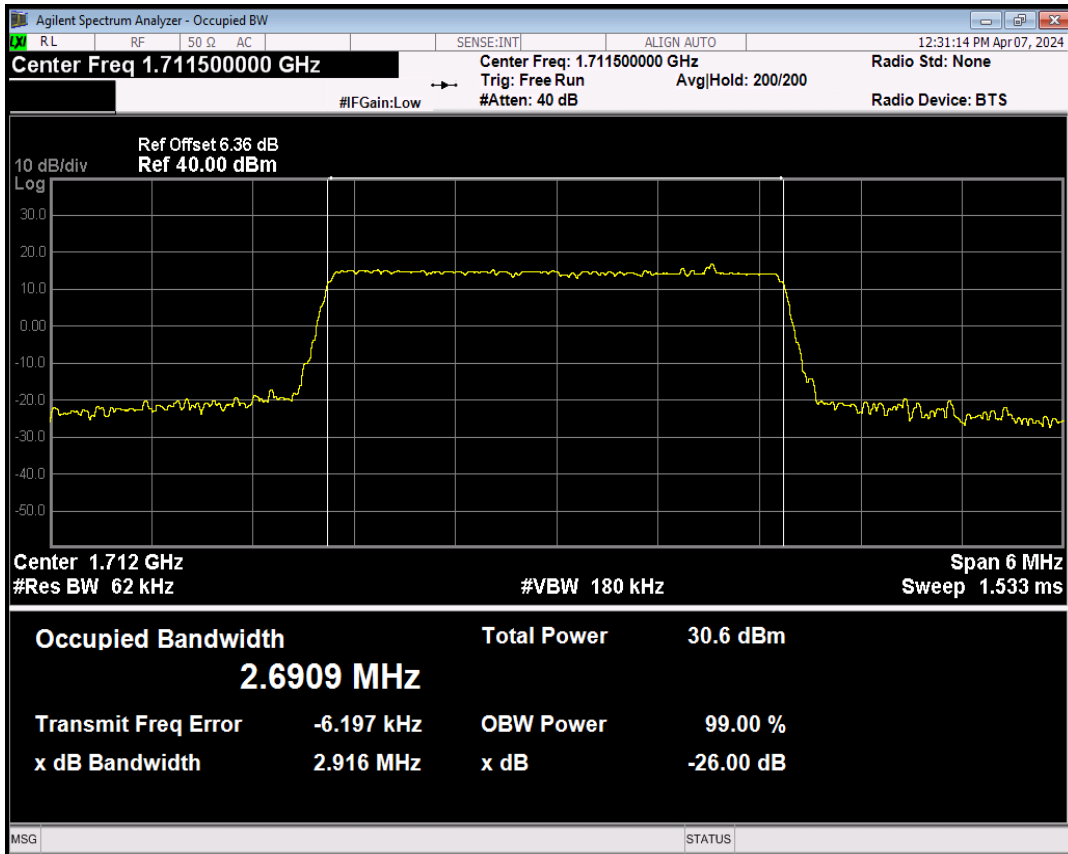


Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



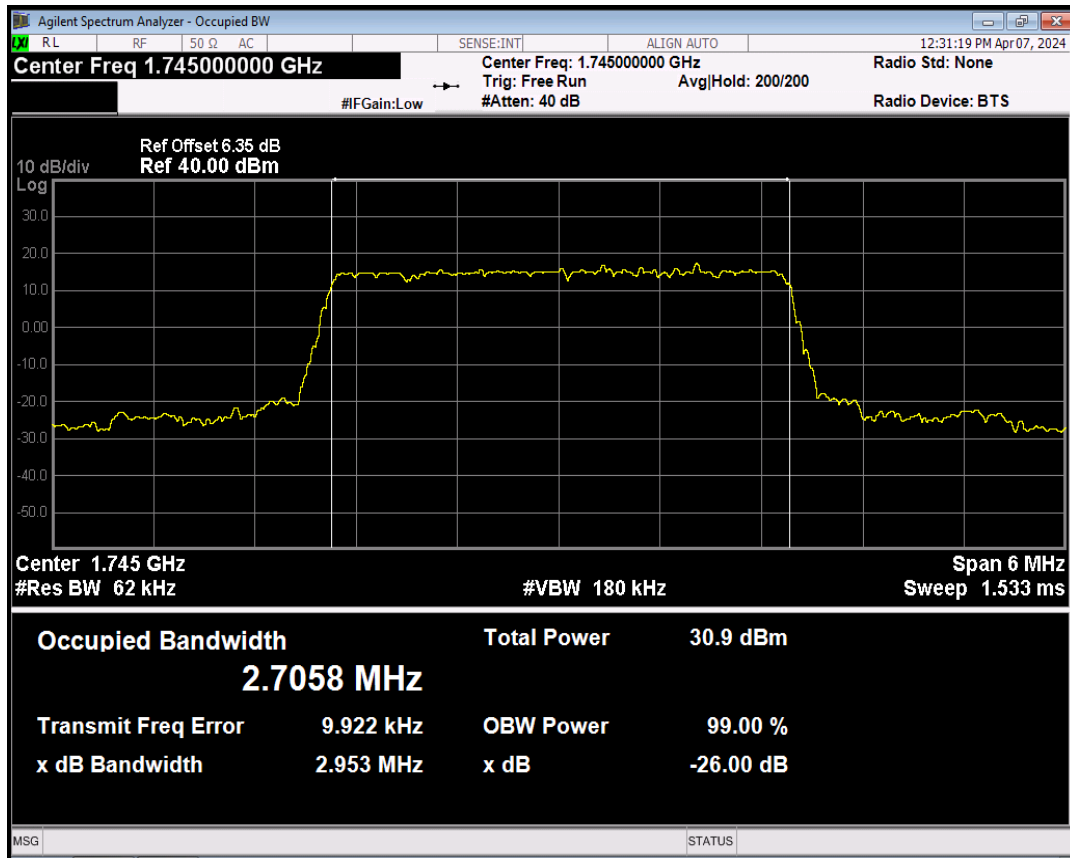


Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0

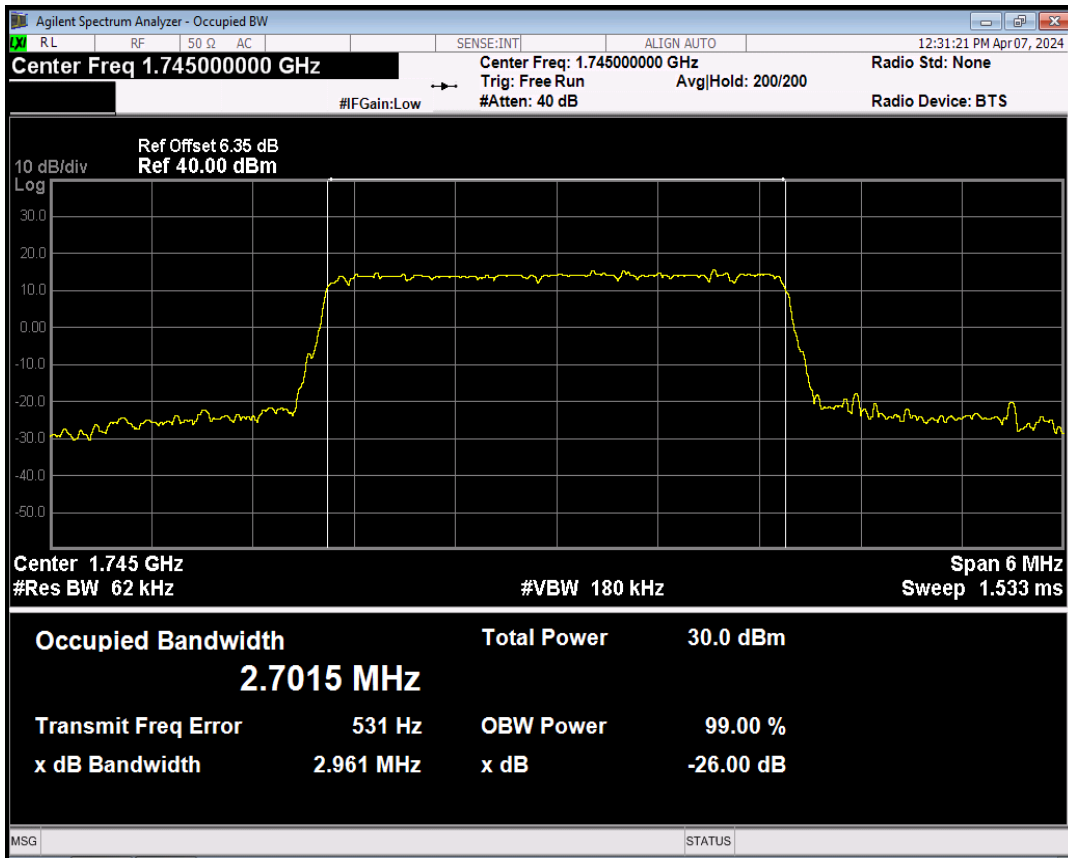




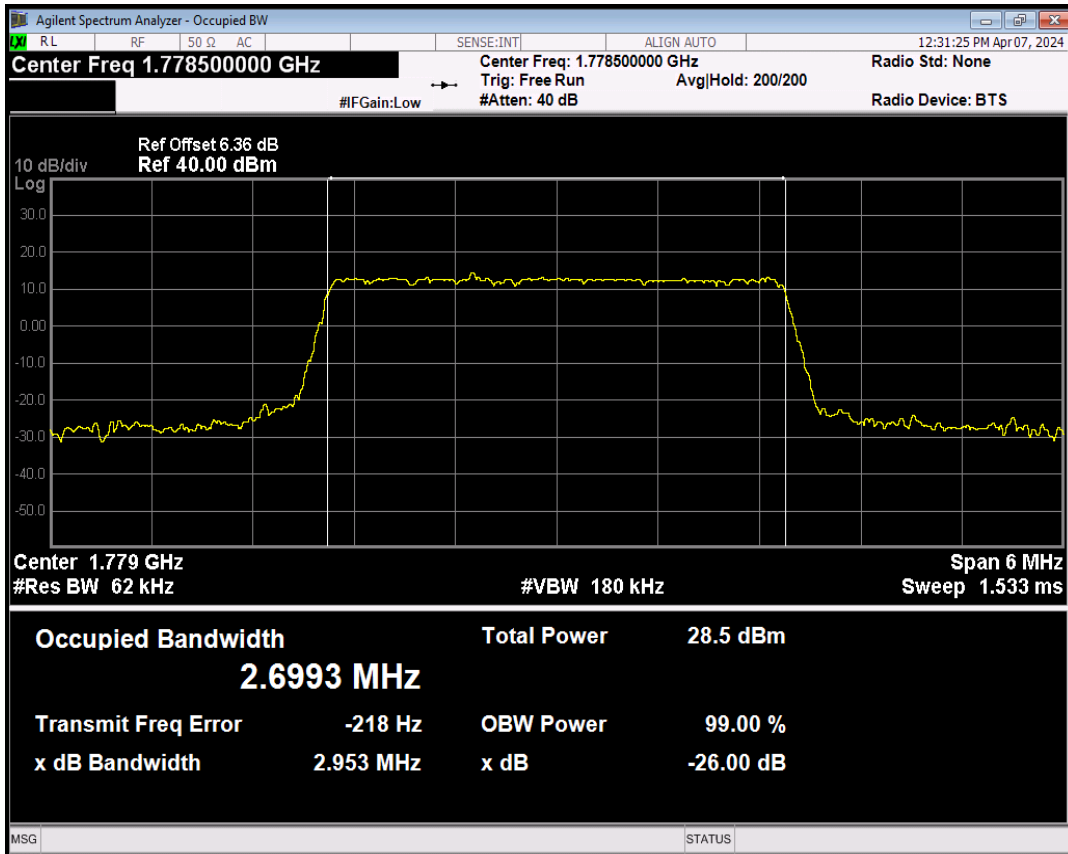
Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0

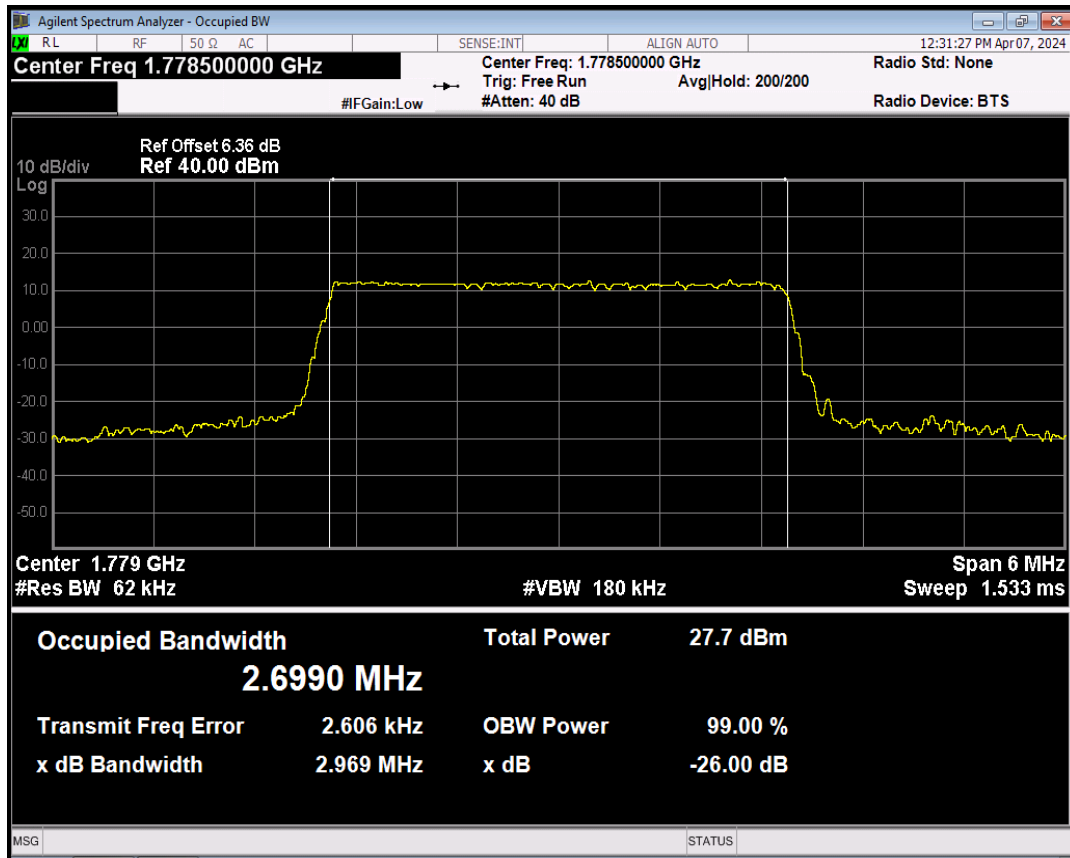


Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0

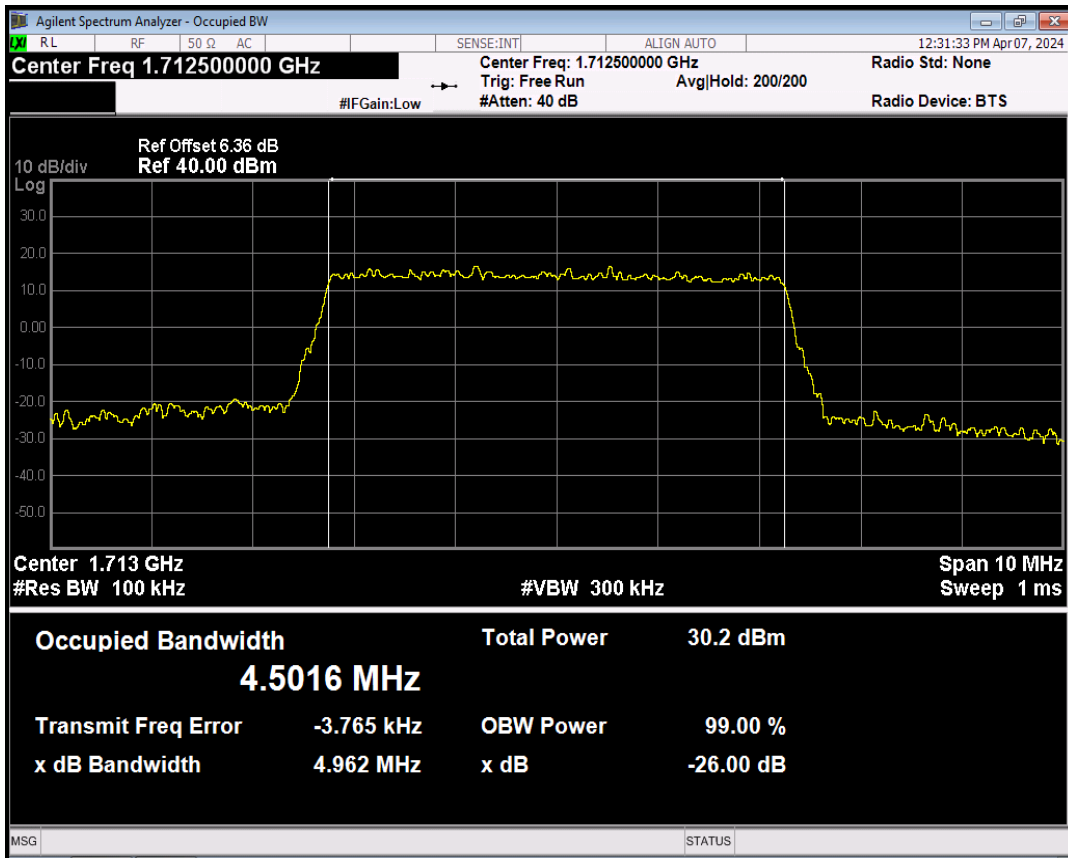




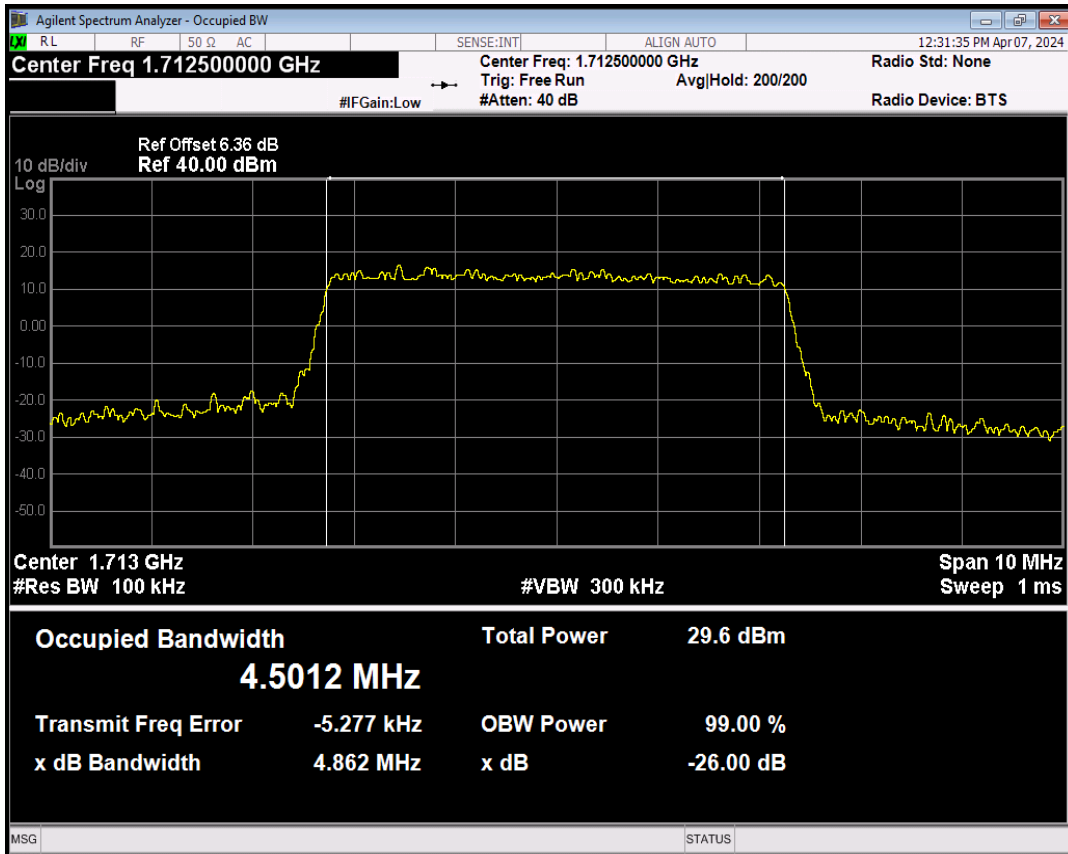
Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0



Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0

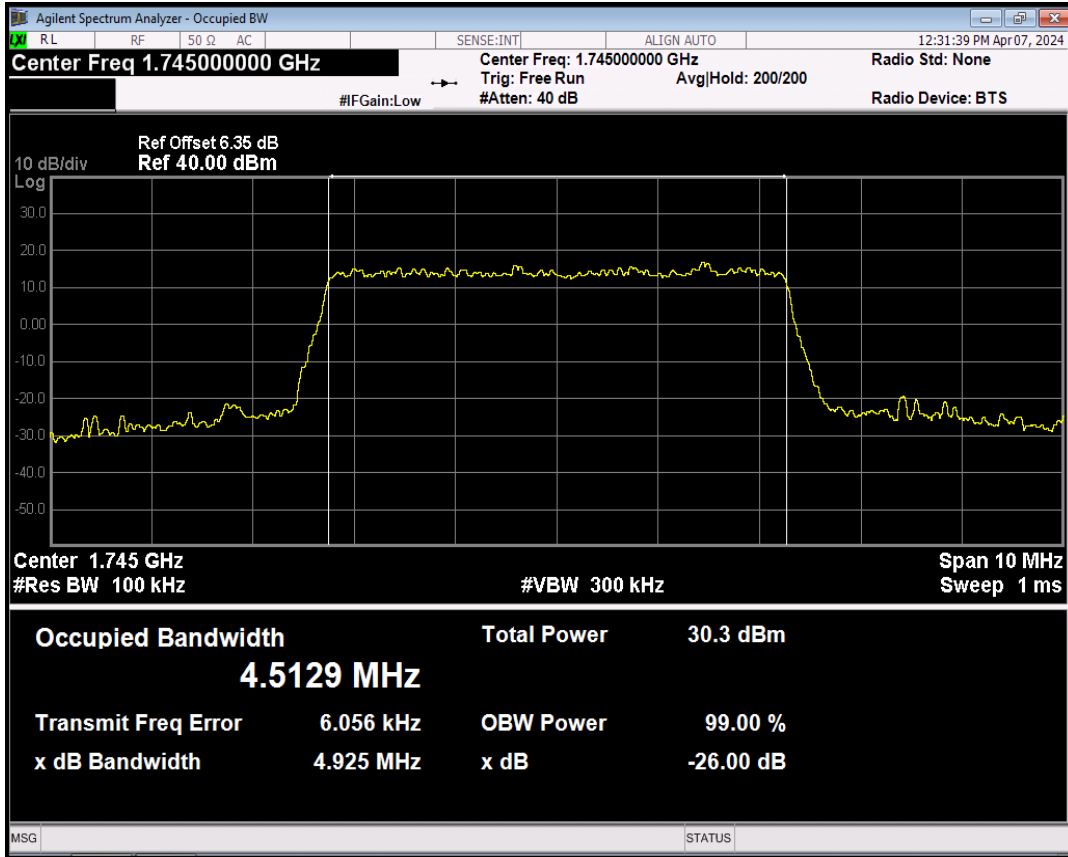


Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0

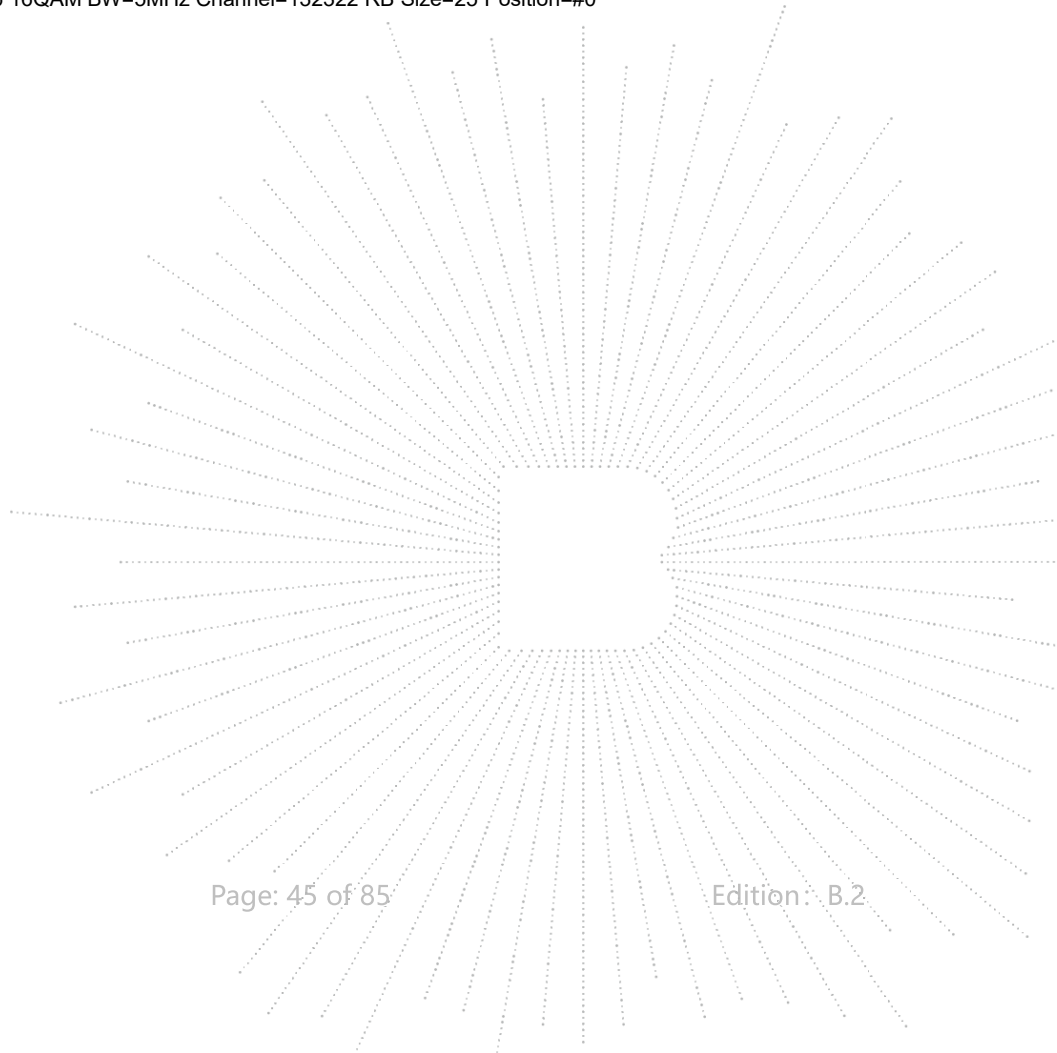


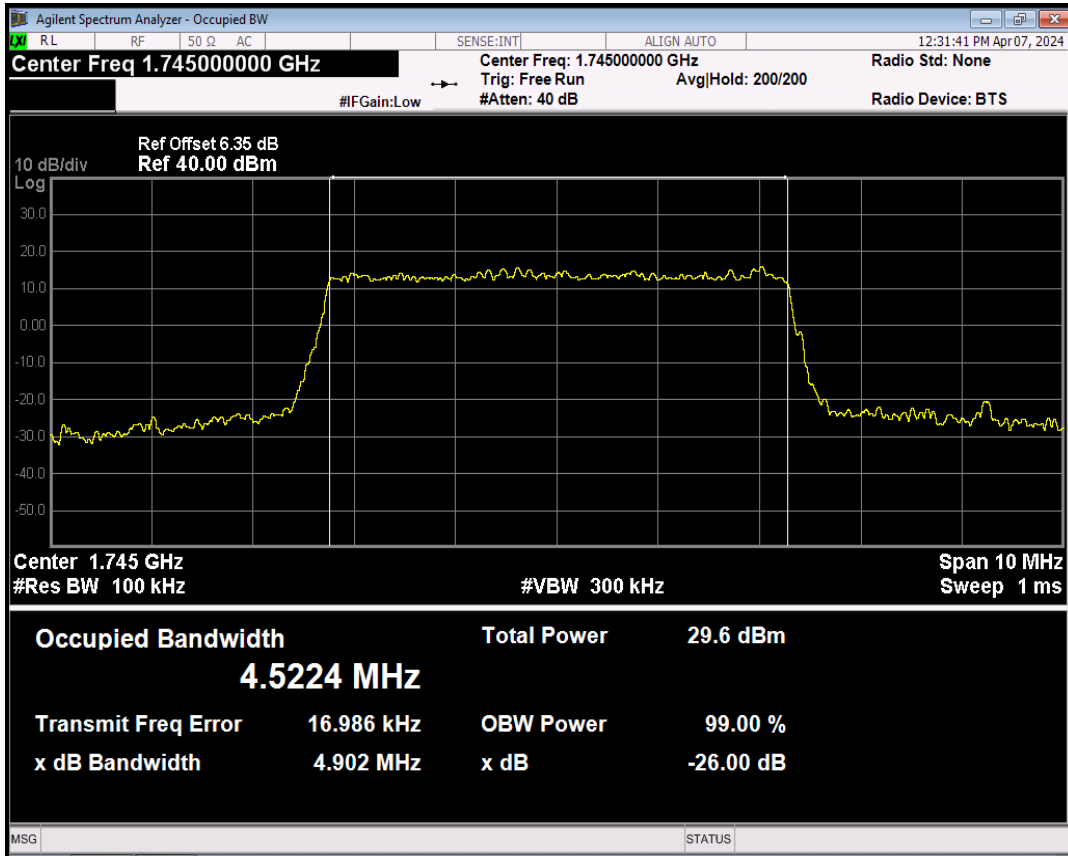


Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0

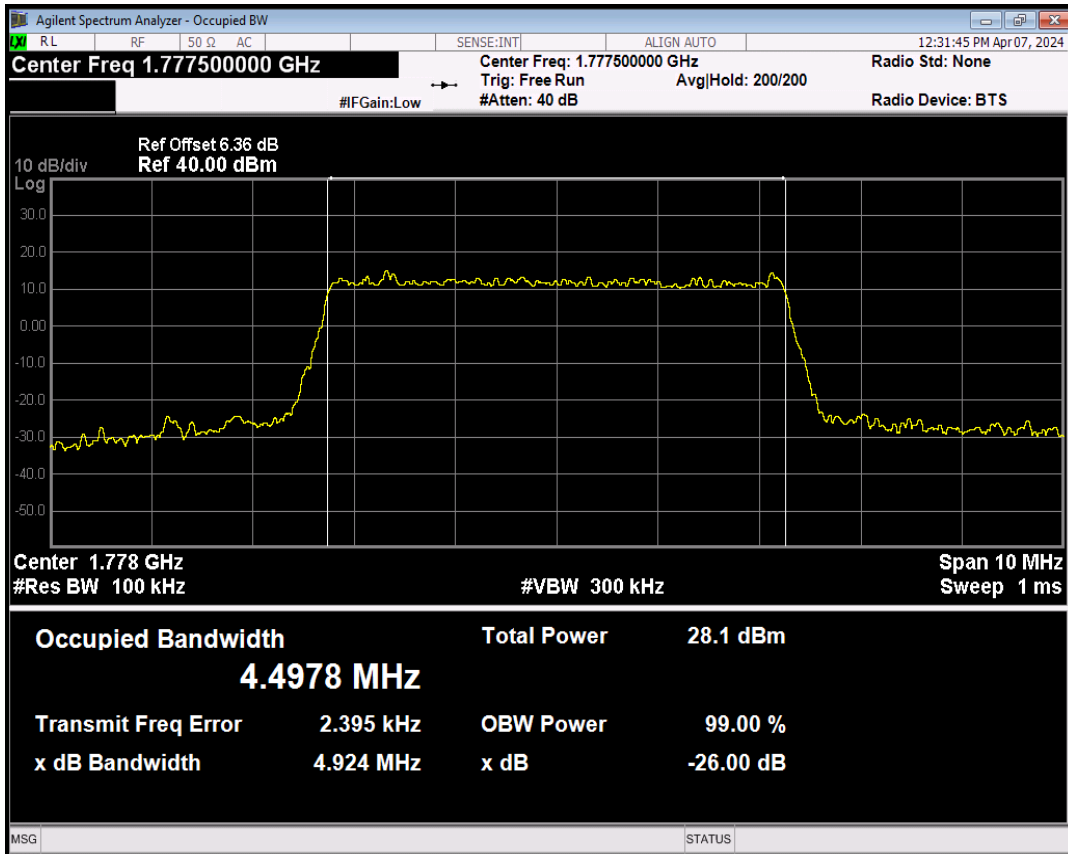


Band66 16QAM BW=5MHz Channel=132322 RB Size=25 Position=#0



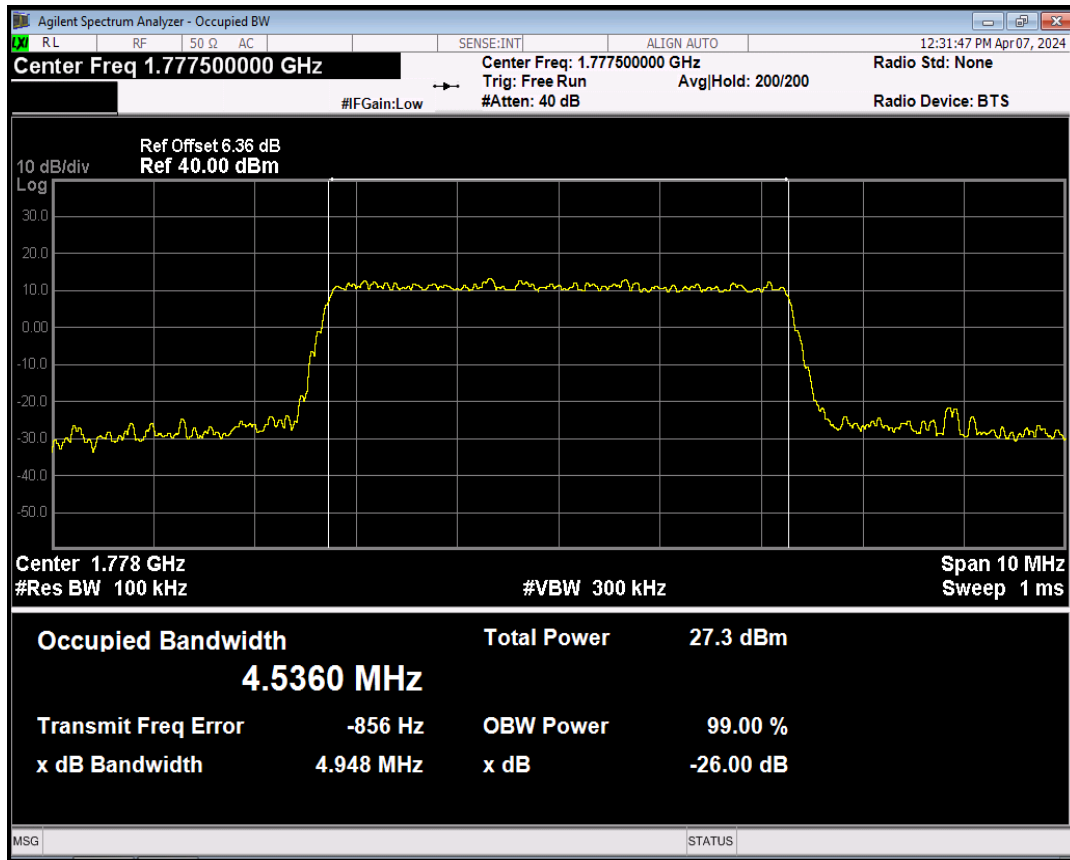


Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0

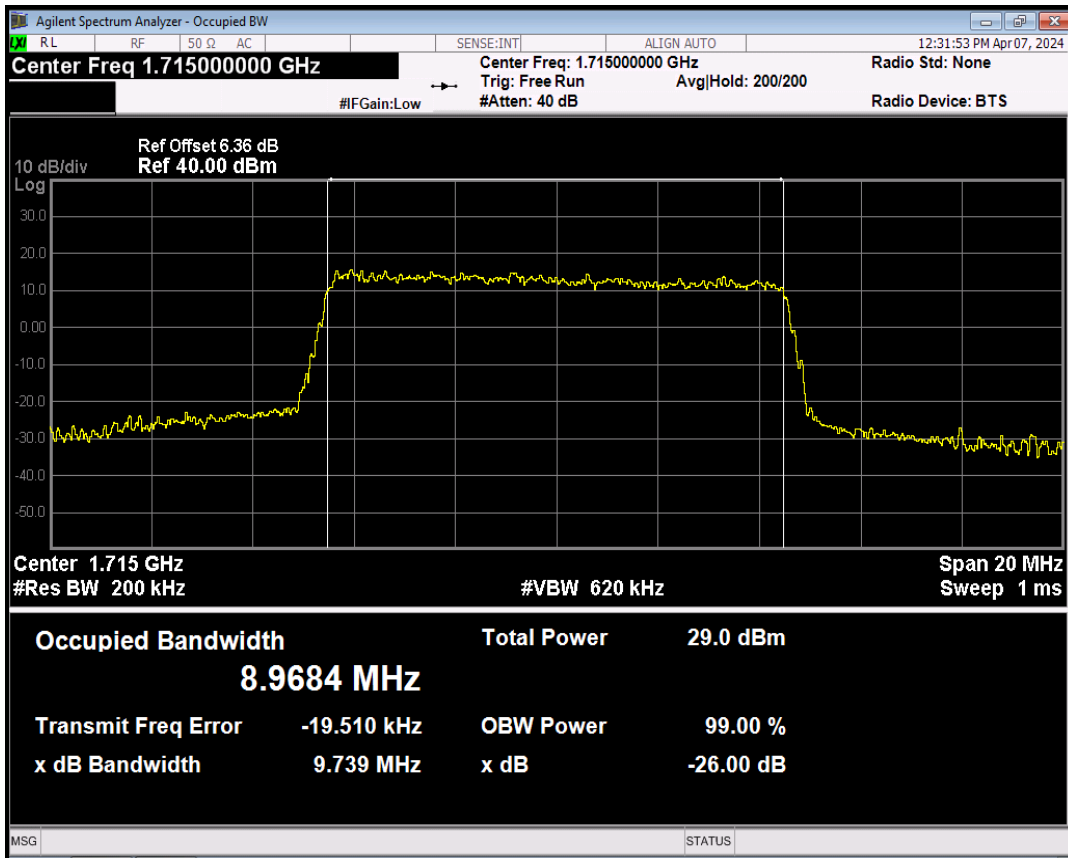




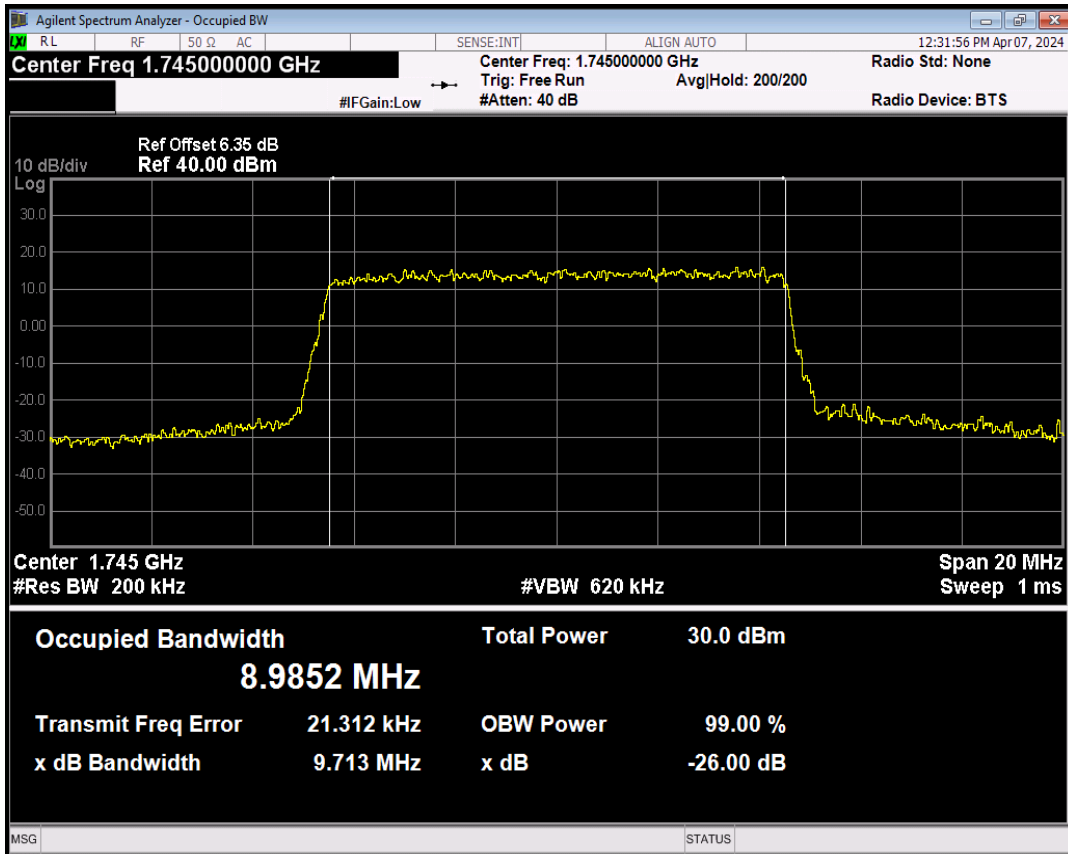
Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0



Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0

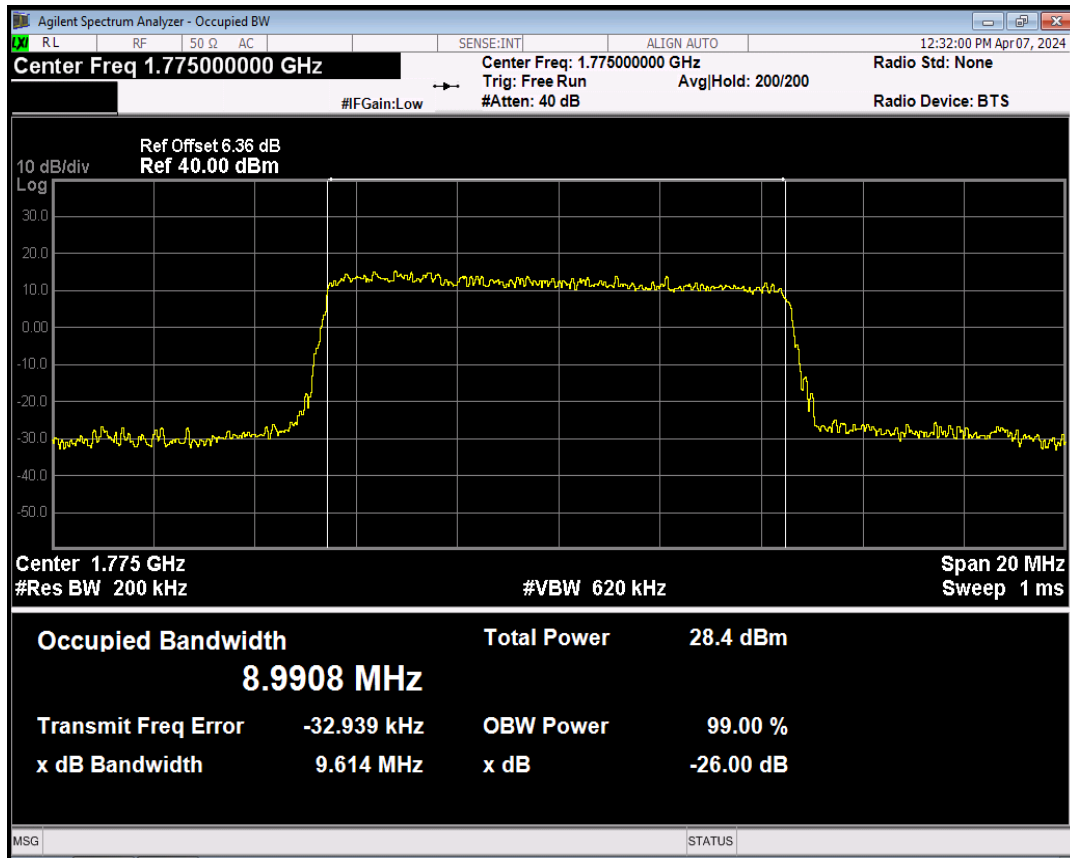


Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0

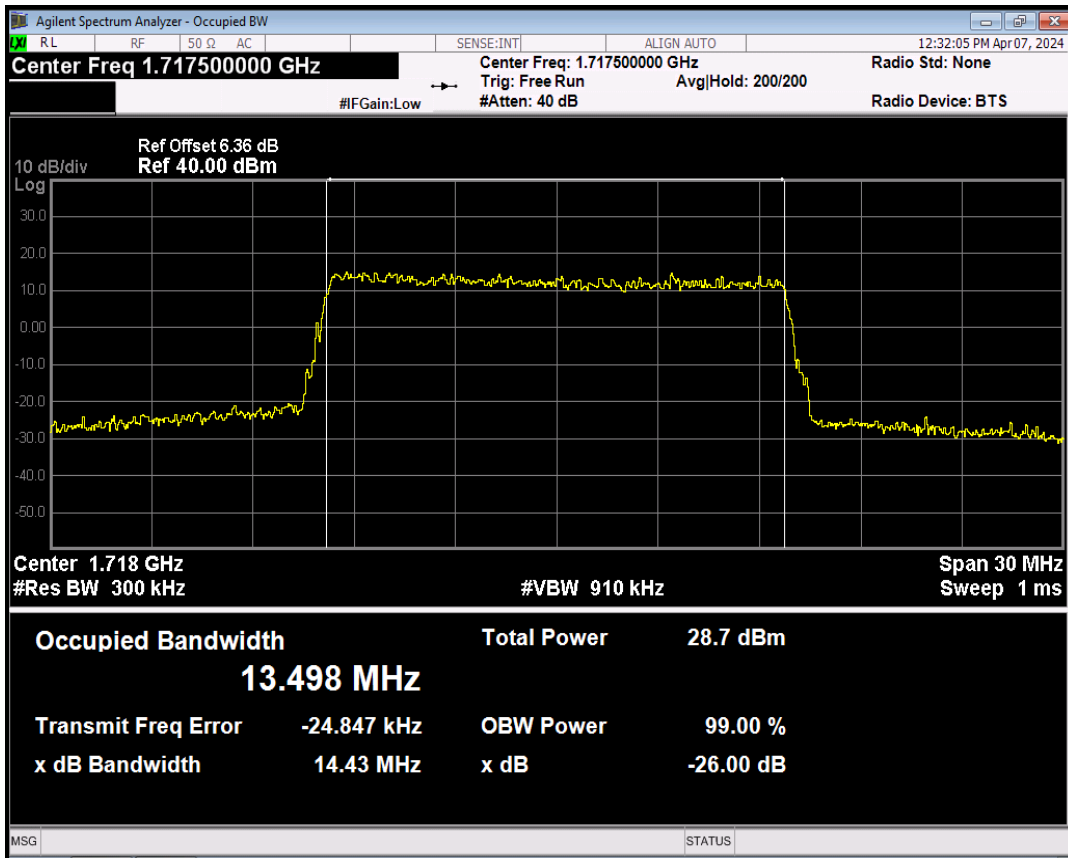




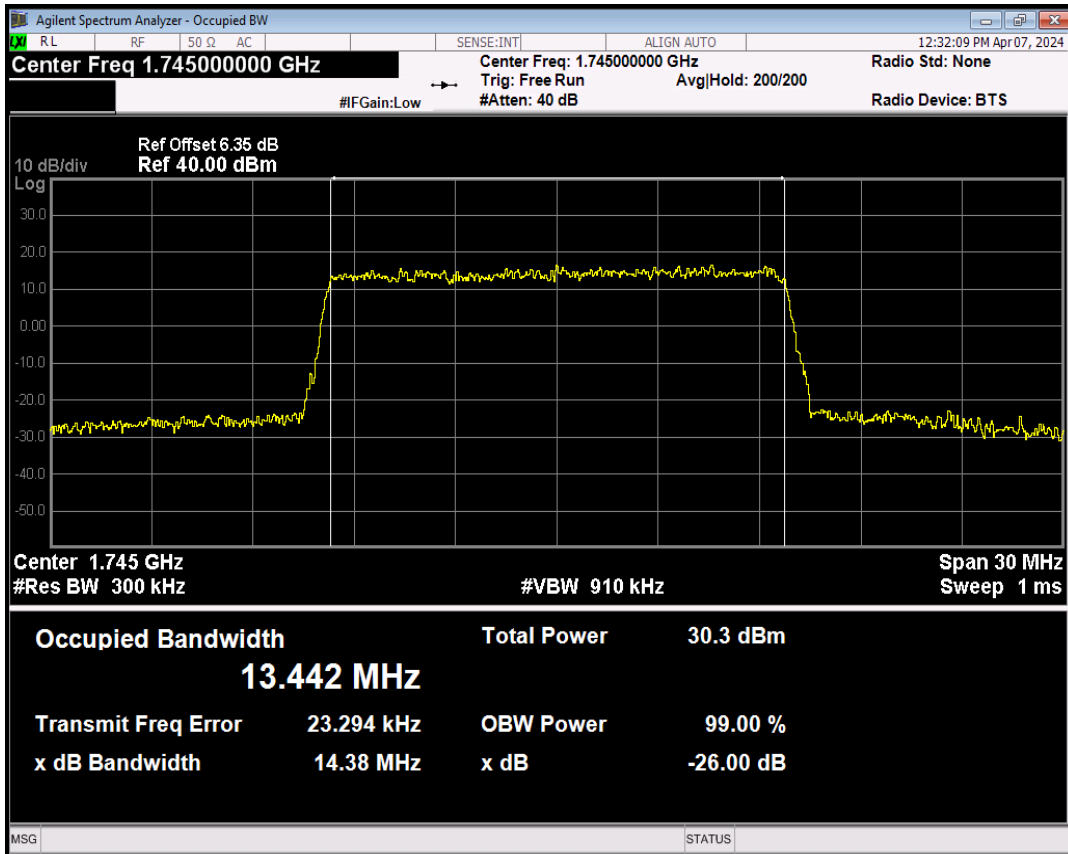
Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0



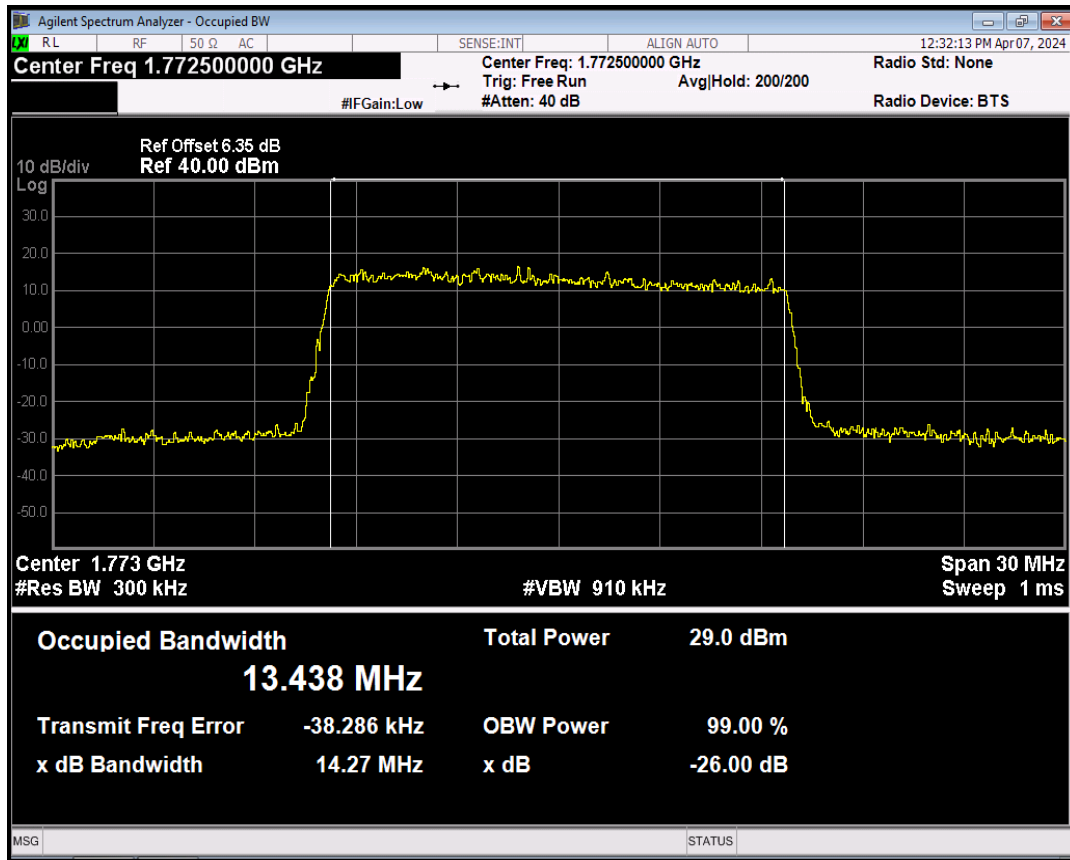
Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



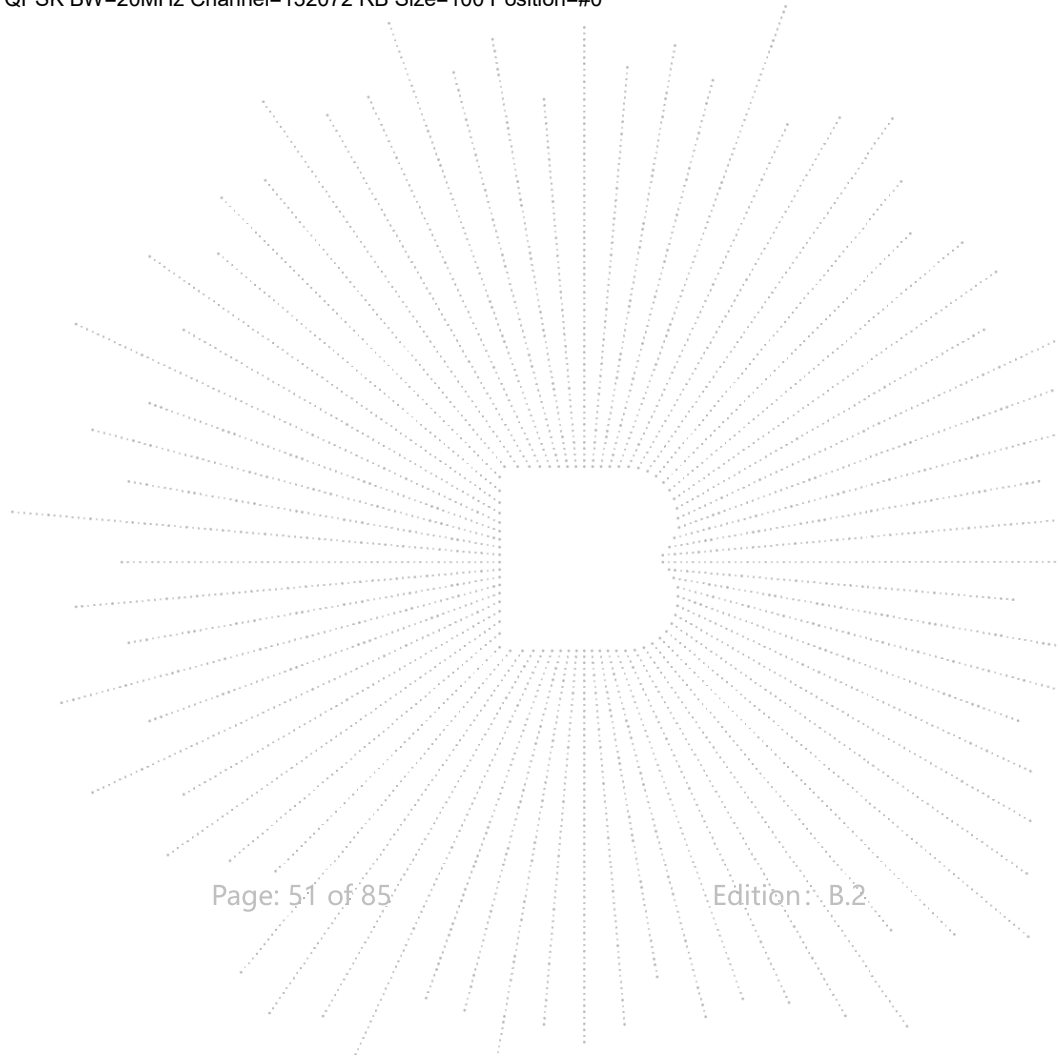
Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0

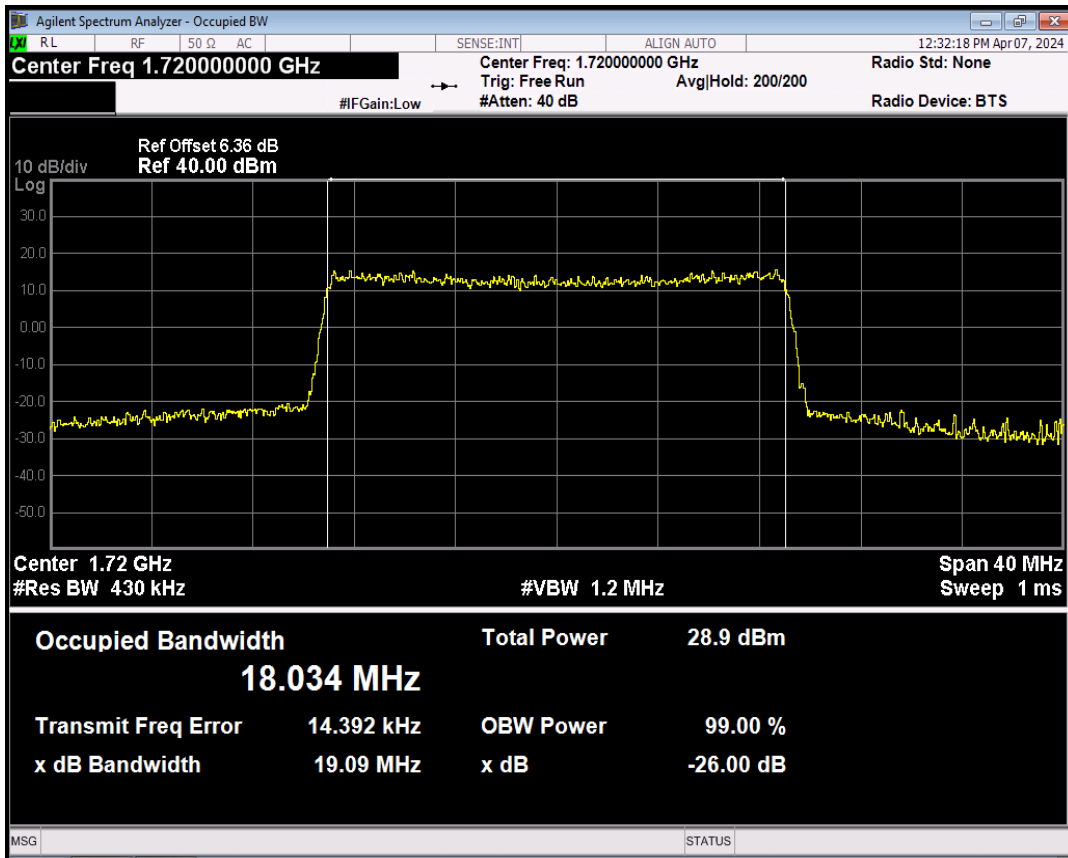


Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0

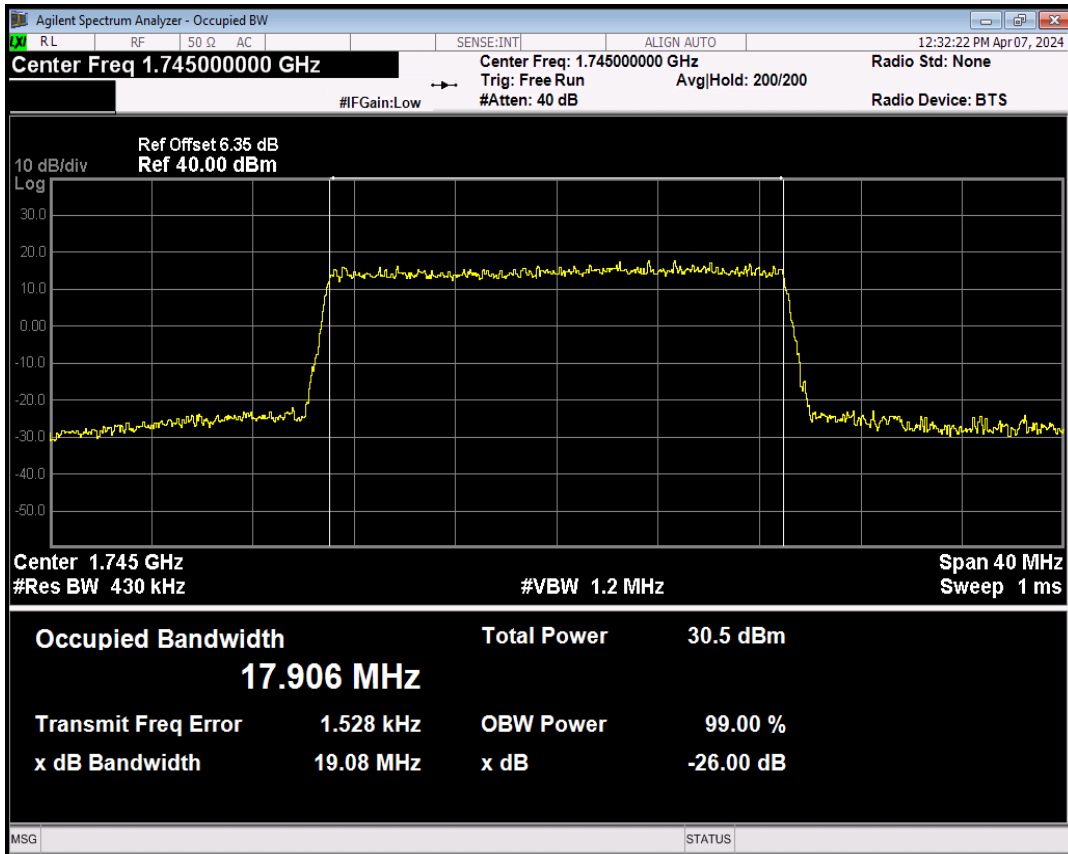


Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0

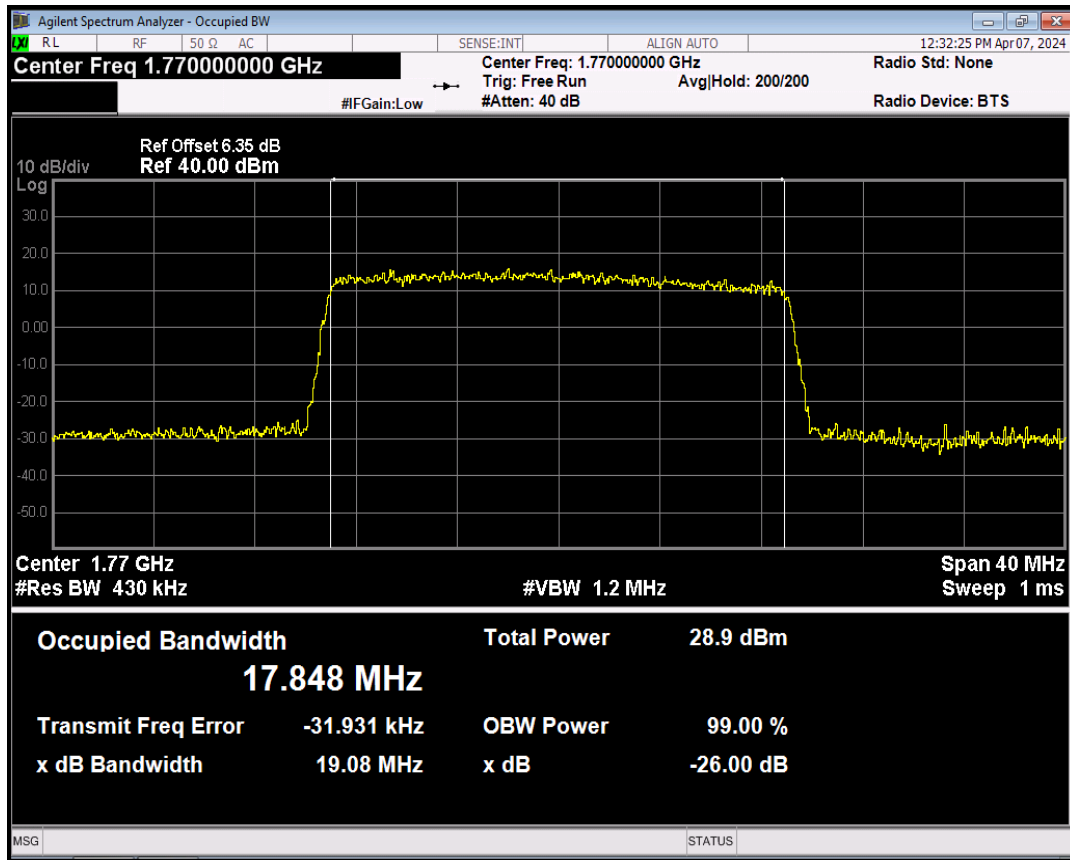




Band66 QPSK BW=20MHz Channel=132322 RB Size=100 Position=#0



Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



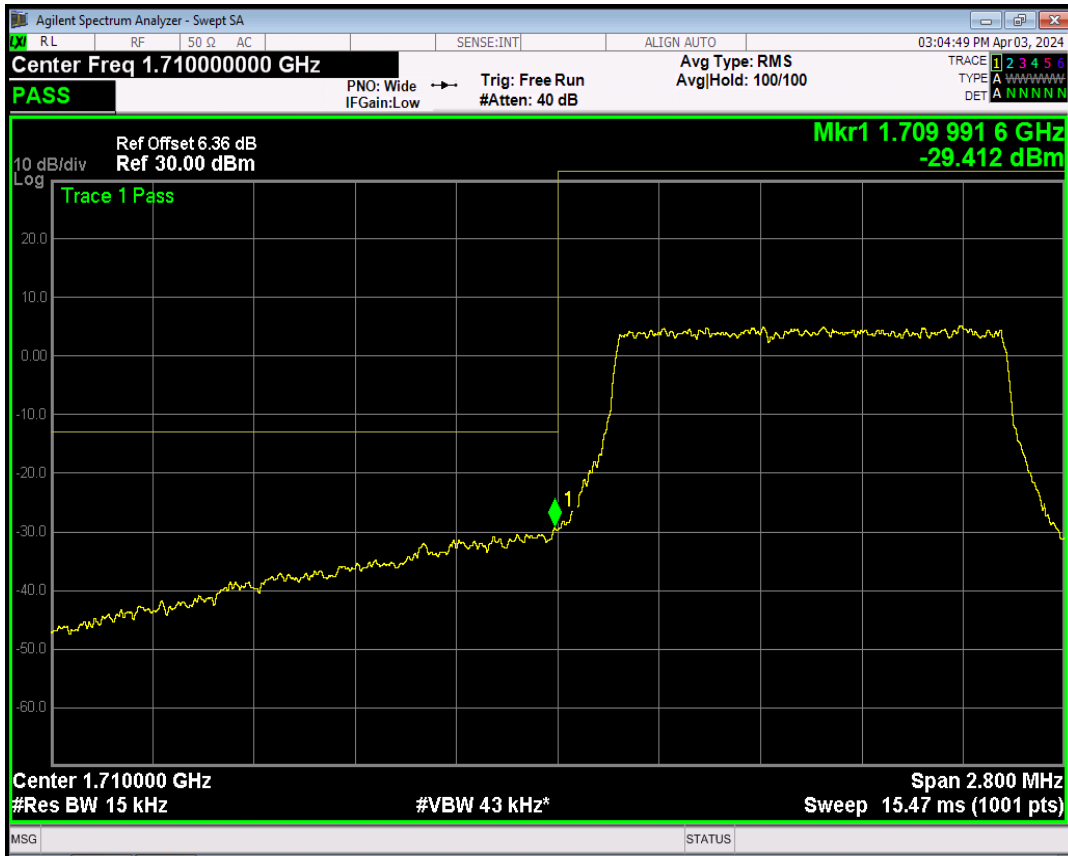
Appendix 5. Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band66	1.4	131979	6	#0	QPSK	1710.00	-28.63	-13	PASS
Band66	1.4	131979	6	#0	16QAM	1709.99	-29.41	-13	PASS
Band66	1.4	132665	6	#0	QPSK	1780.00	-30.78	-13	PASS
Band66	1.4	132665	6	#0	16QAM	1780.02	-30.92	-13	PASS
Band66	3	131987	15	#0	QPSK	1710.00	-28.20	-13	PASS
Band66	3	131987	15	#0	16QAM	1709.99	-30.10	-13	PASS
Band66	3	132657	15	#0	QPSK	1780.00	-31.57	-13	PASS
Band66	3	132657	15	#0	16QAM	1780.00	-33.45	-13	PASS
Band66	5	131997	25	#0	QPSK	1710.00	-27.94	-13	PASS
Band66	5	131997	25	#0	16QAM	1710.00	-31.00	-13	PASS
Band66	5	132647	25	#0	QPSK	1780.01	-33.11	-13	PASS
Band66	5	132647	25	#0	16QAM	1780.00	-32.87	-13	PASS
Band66	10	132022	50	#0	QPSK	1710.00	-31.17	-13	PASS
Band66	10	132622	50	#0	QPSK	1780.32	-36.51	-13	PASS
Band66	15	132047	75	#0	QPSK	1710.00	-32.02	-13	PASS
Band66	15	132597	75	#0	QPSK	1780.27	-36.59	-13	PASS
Band66	20	132072	100	#0	QPSK	1709.96	-31.66	-13	PASS
Band66	20	132572	100	#0	QPSK	1780.12	-39.89	-13	PASS

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



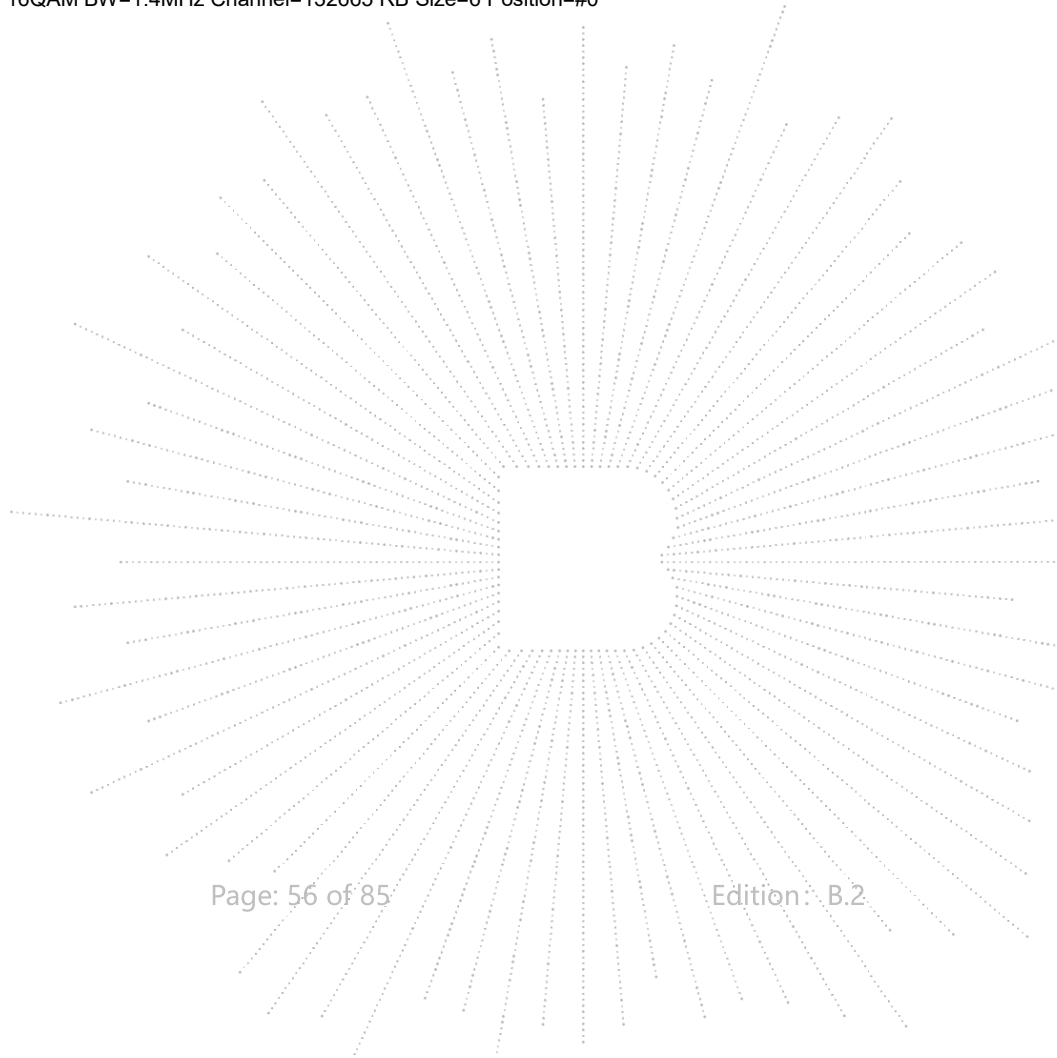
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0



Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0

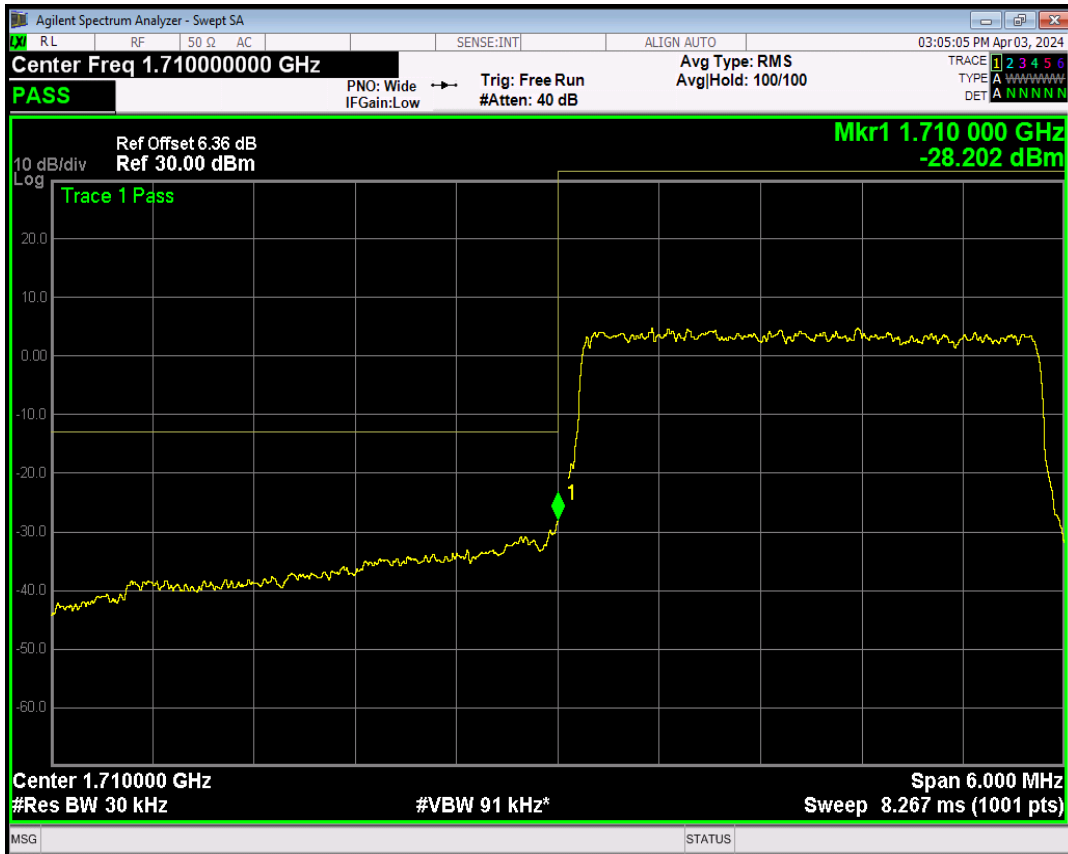


Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0

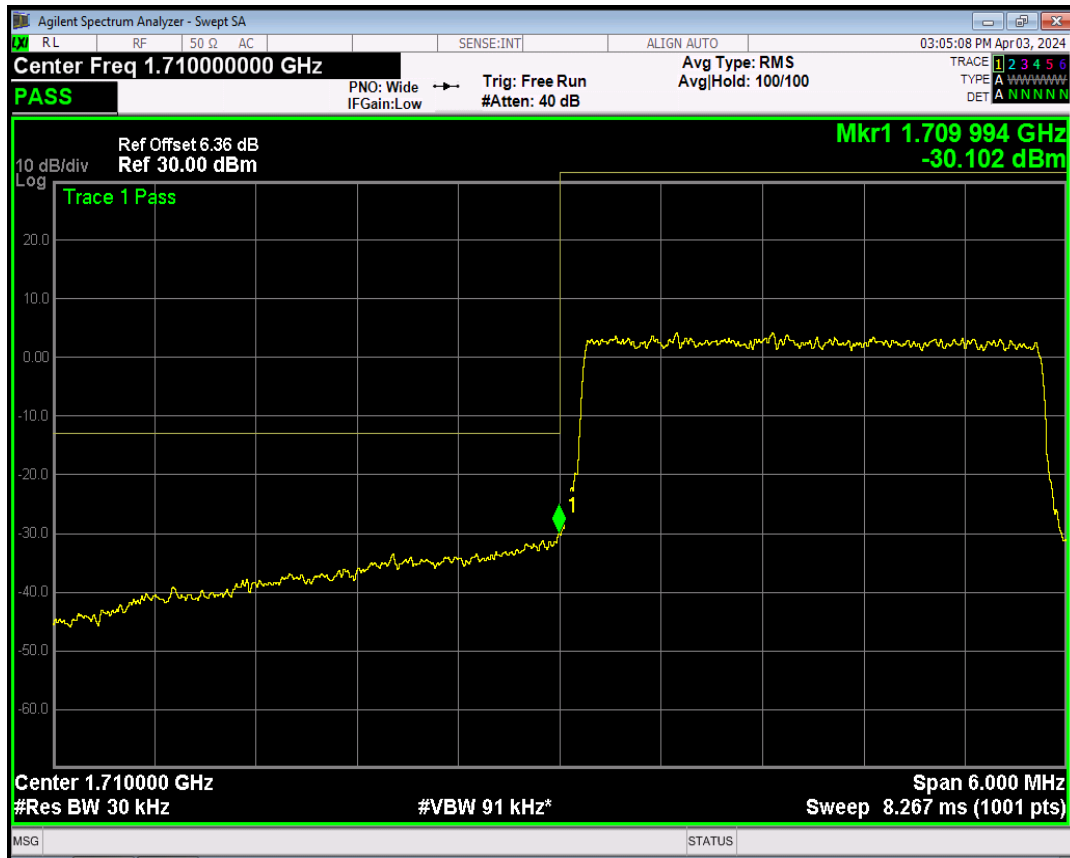




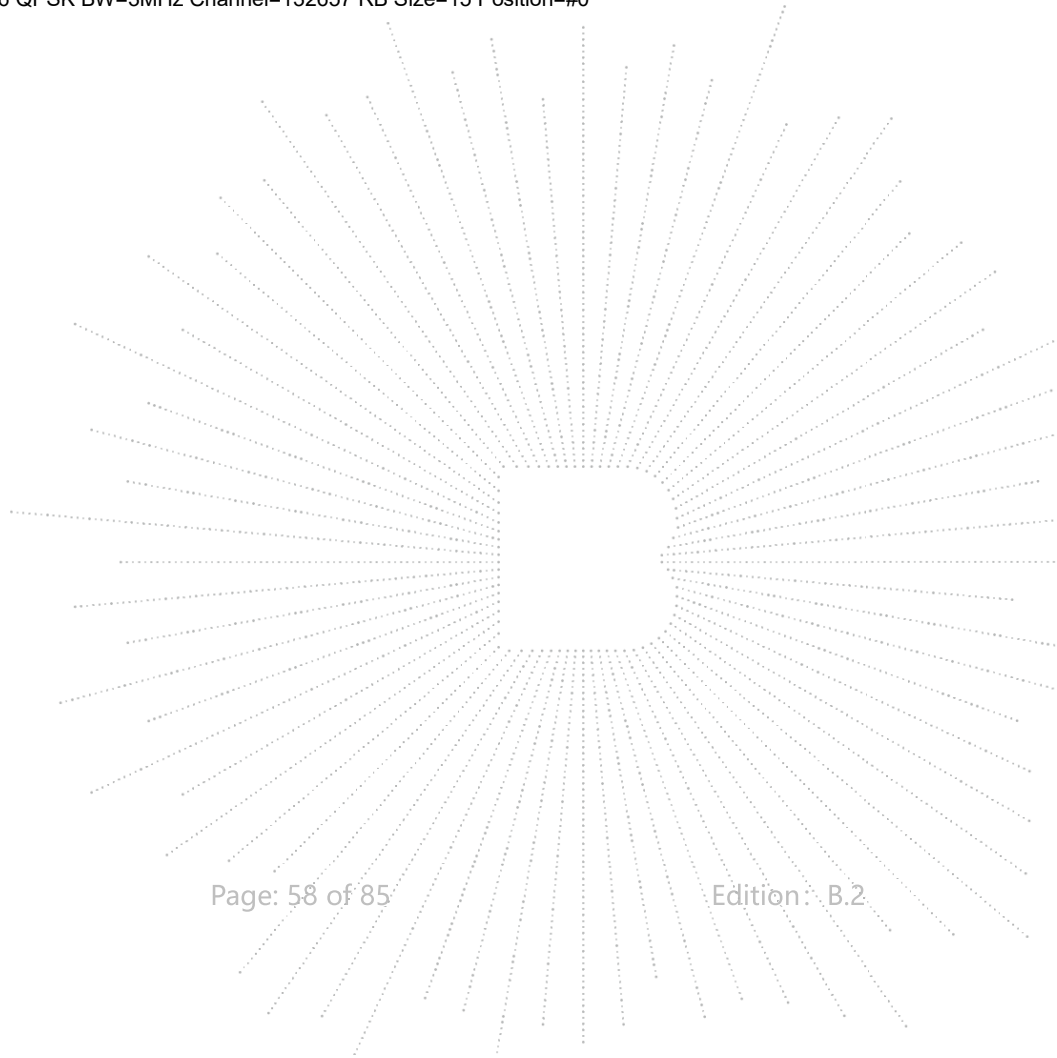
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0

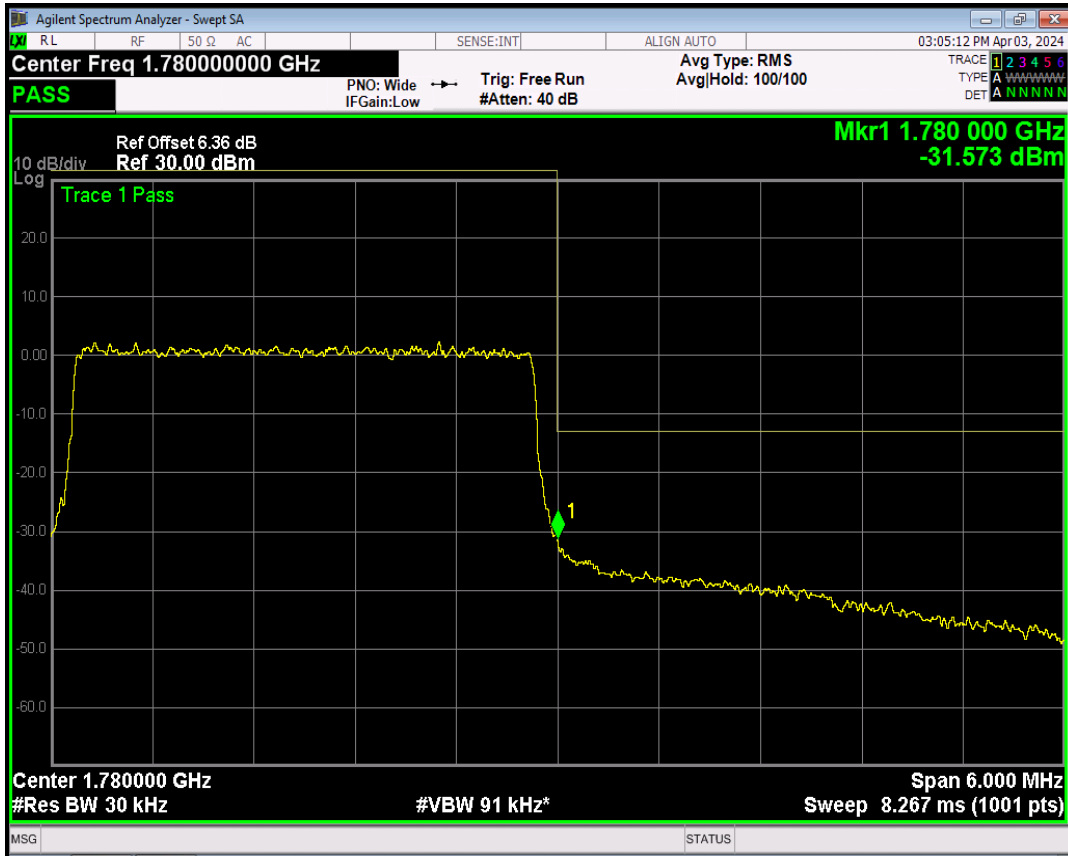


Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0

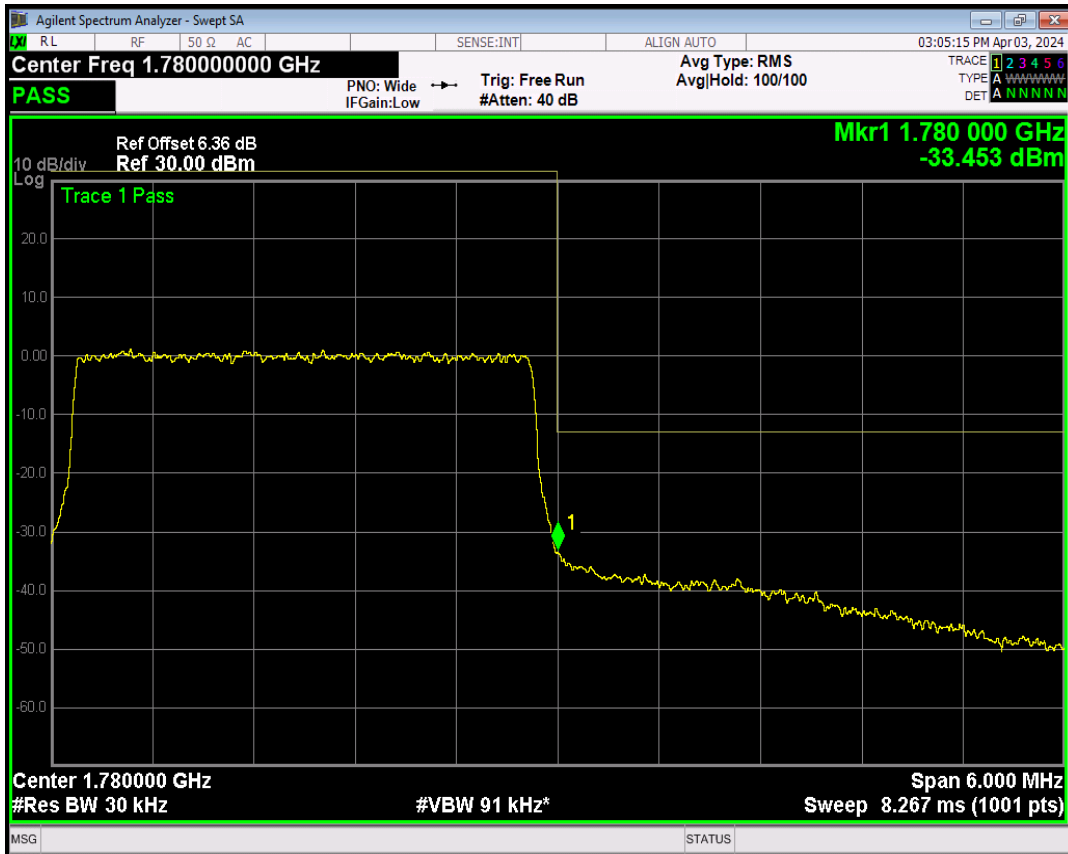


Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



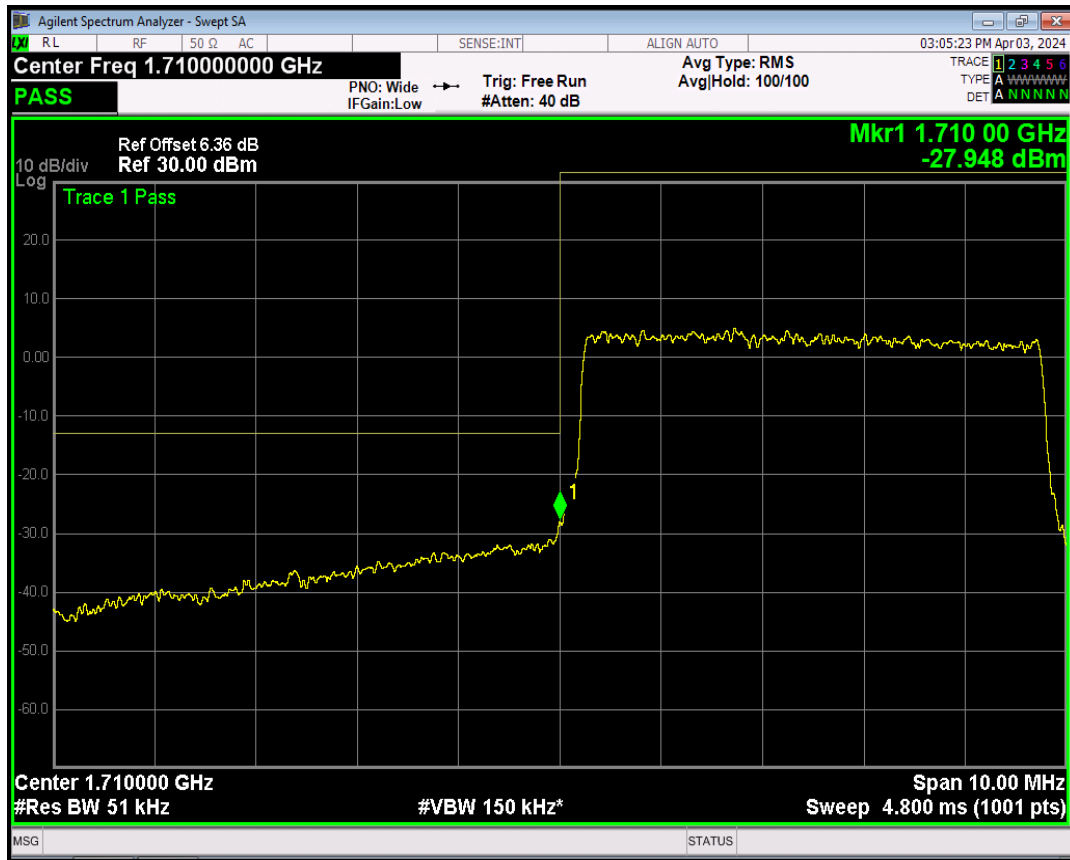


Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0

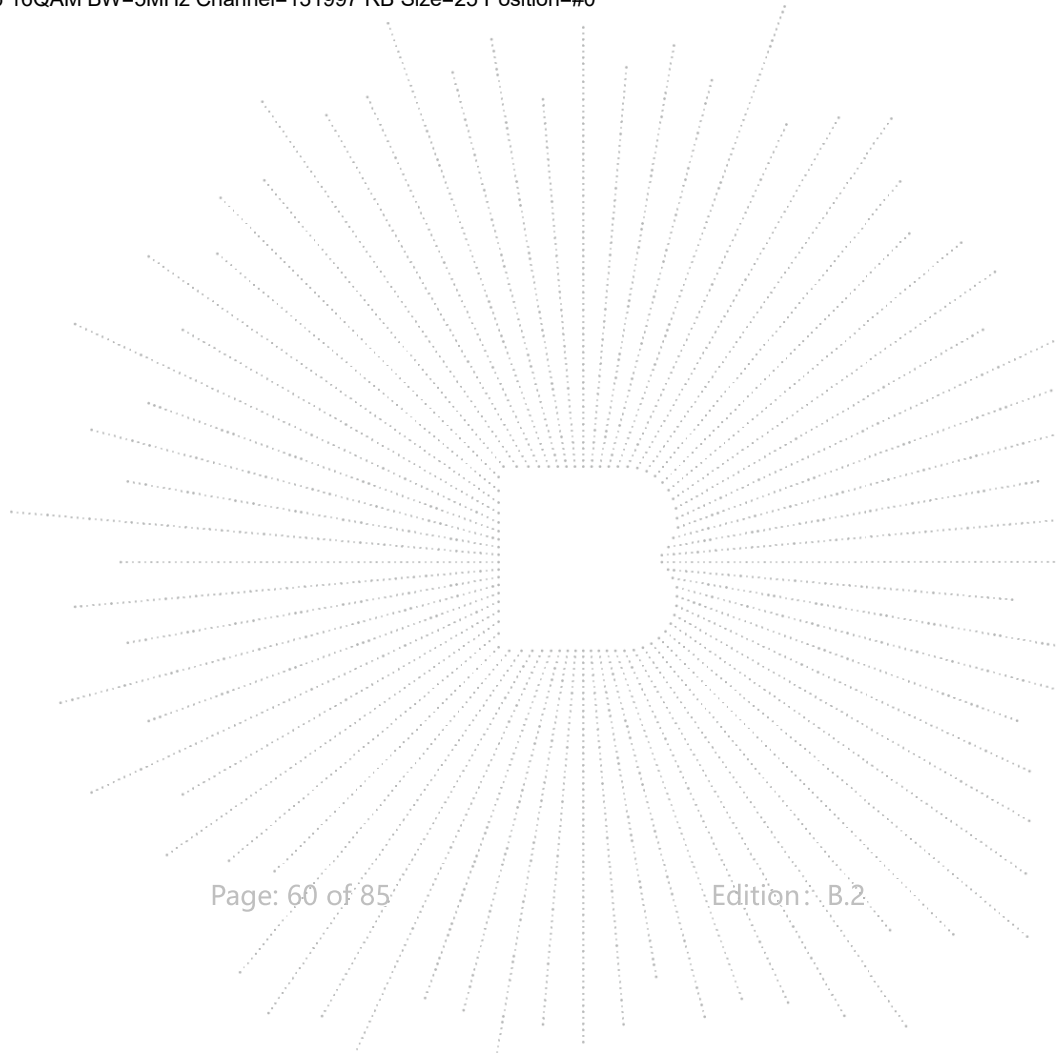


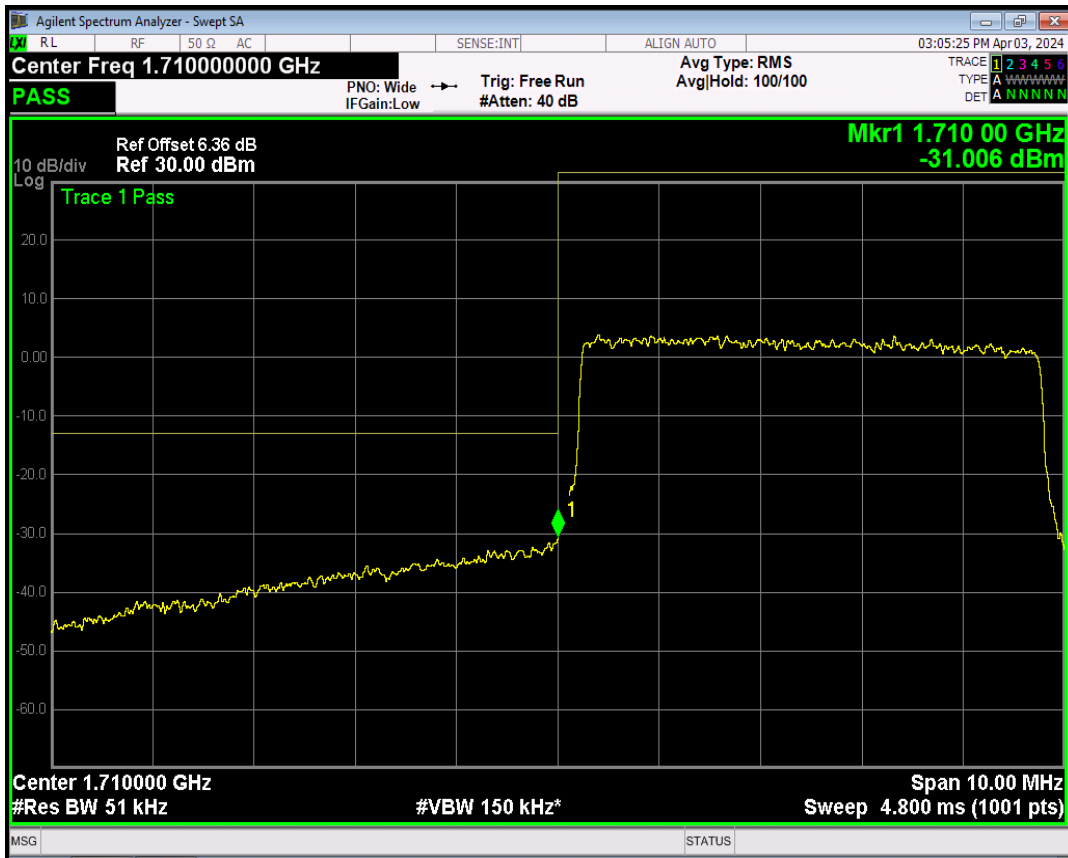


Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0



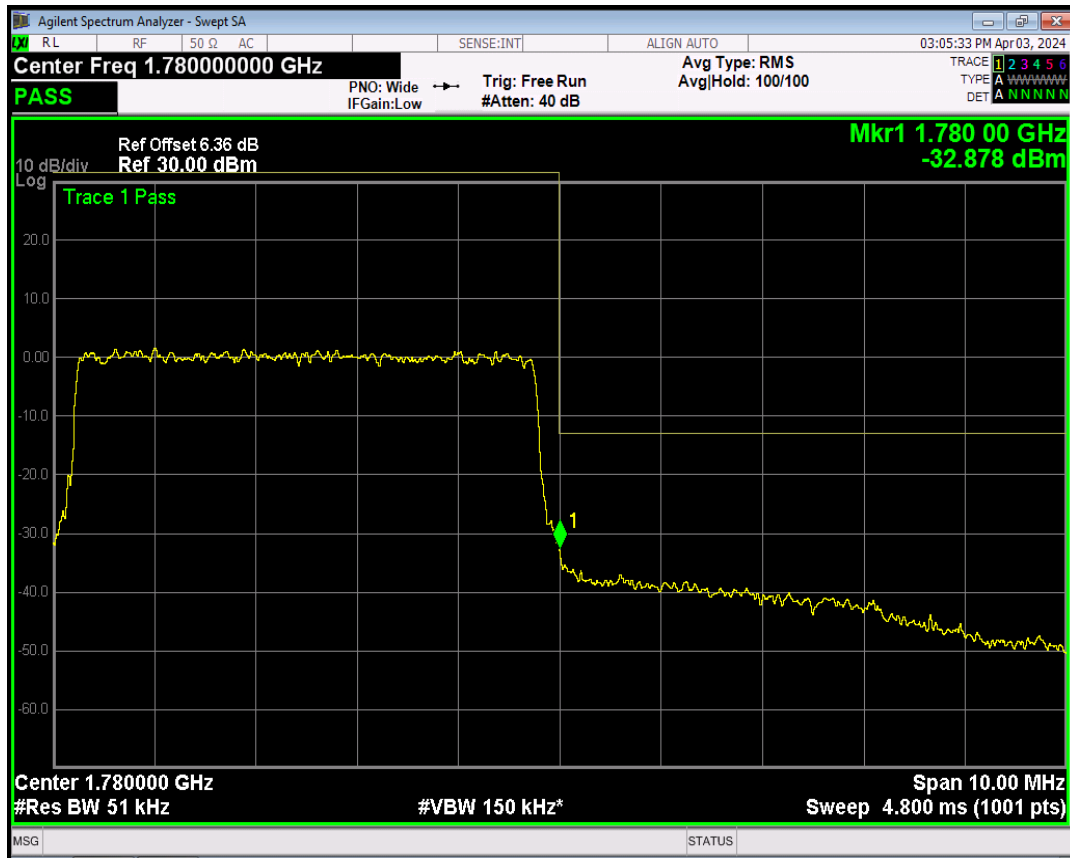


Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0

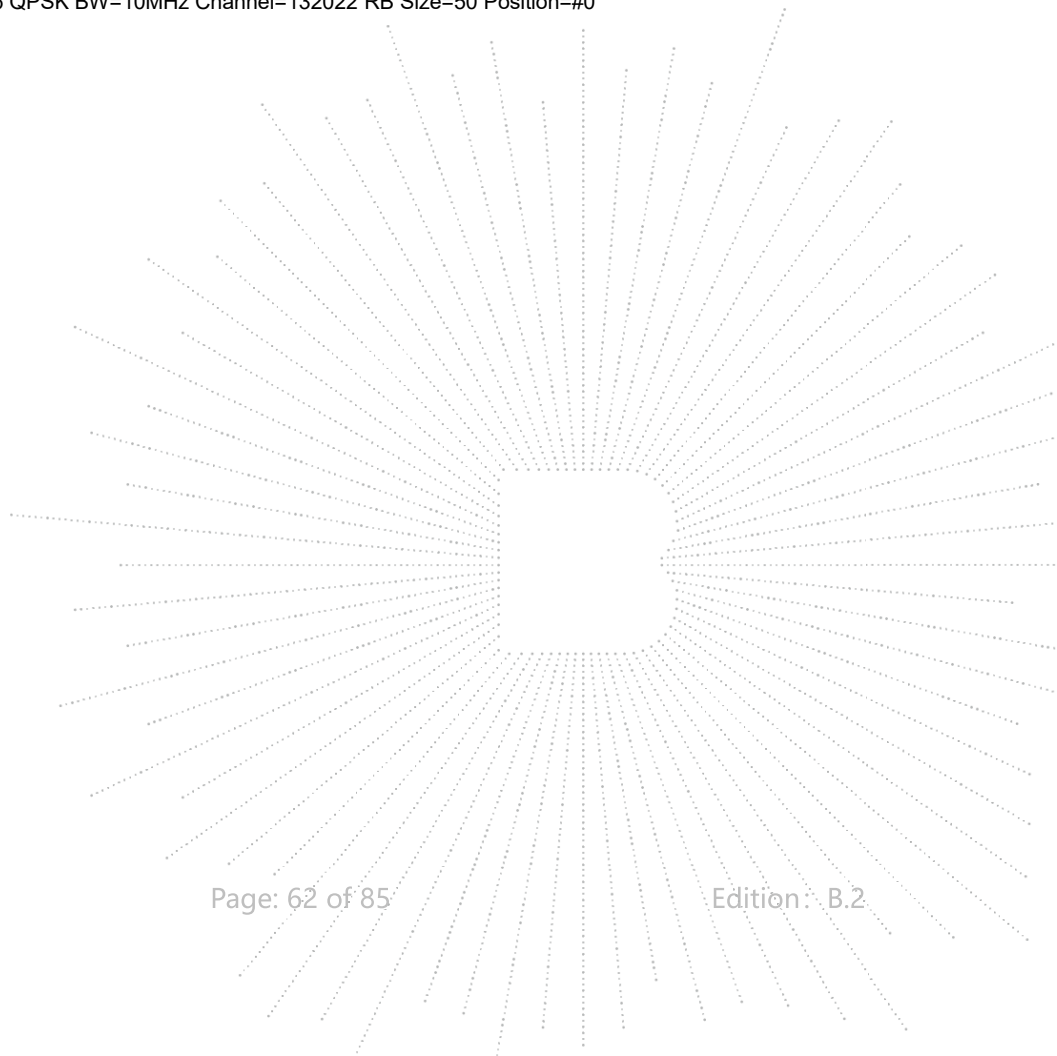




Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0



Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



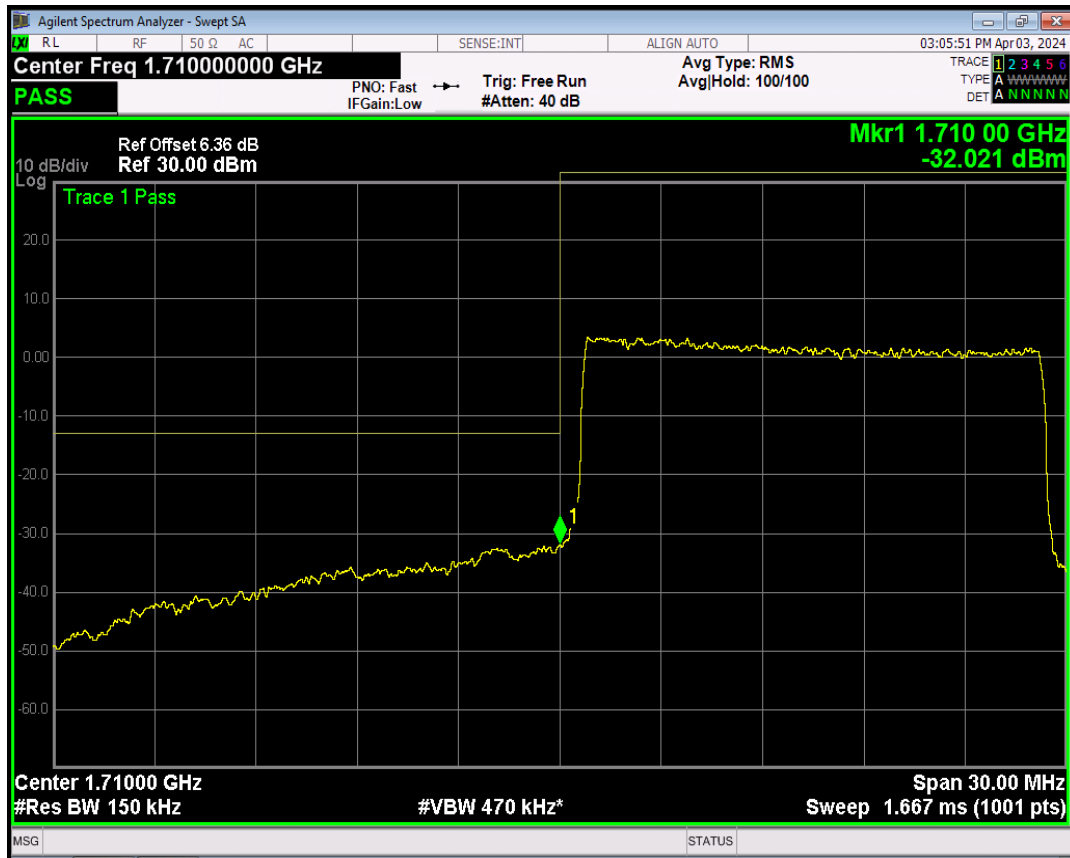


Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0

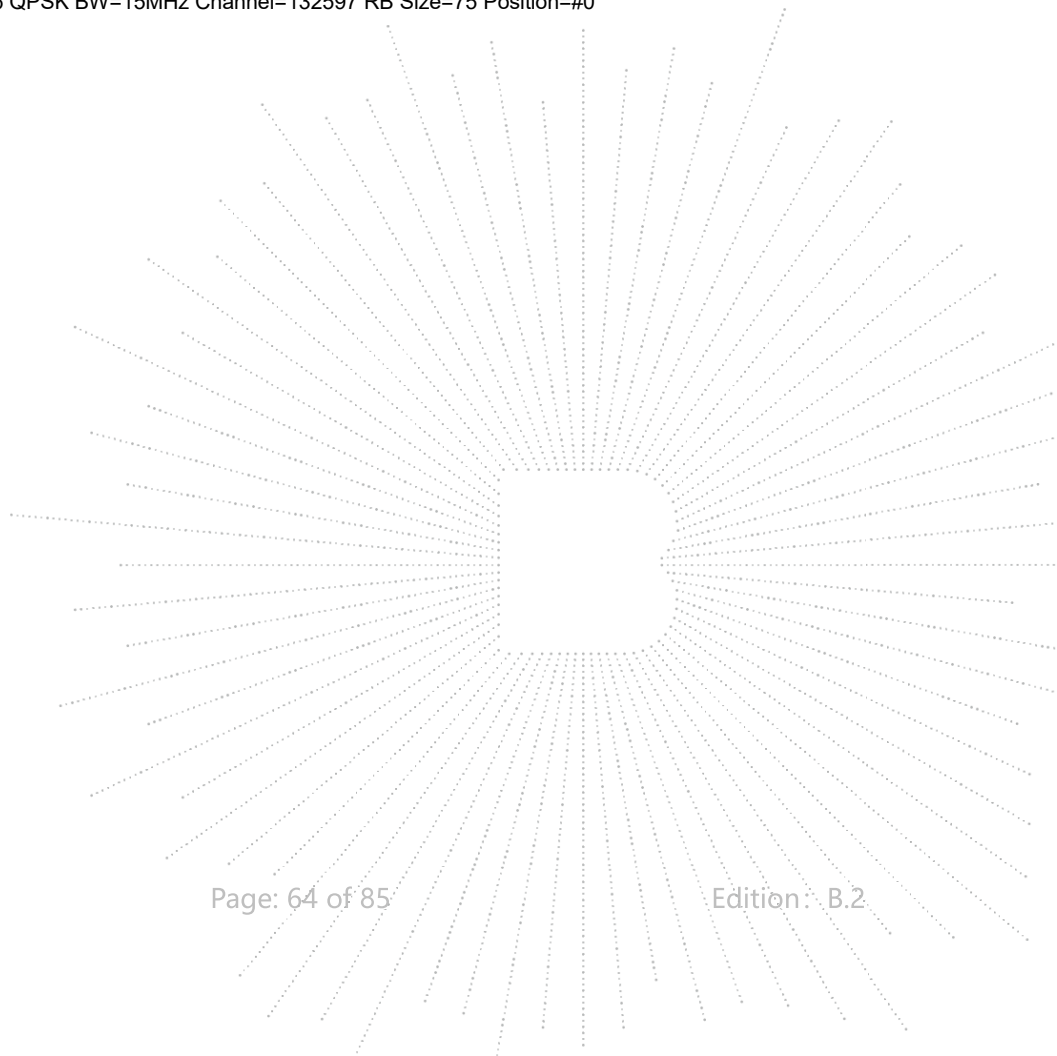


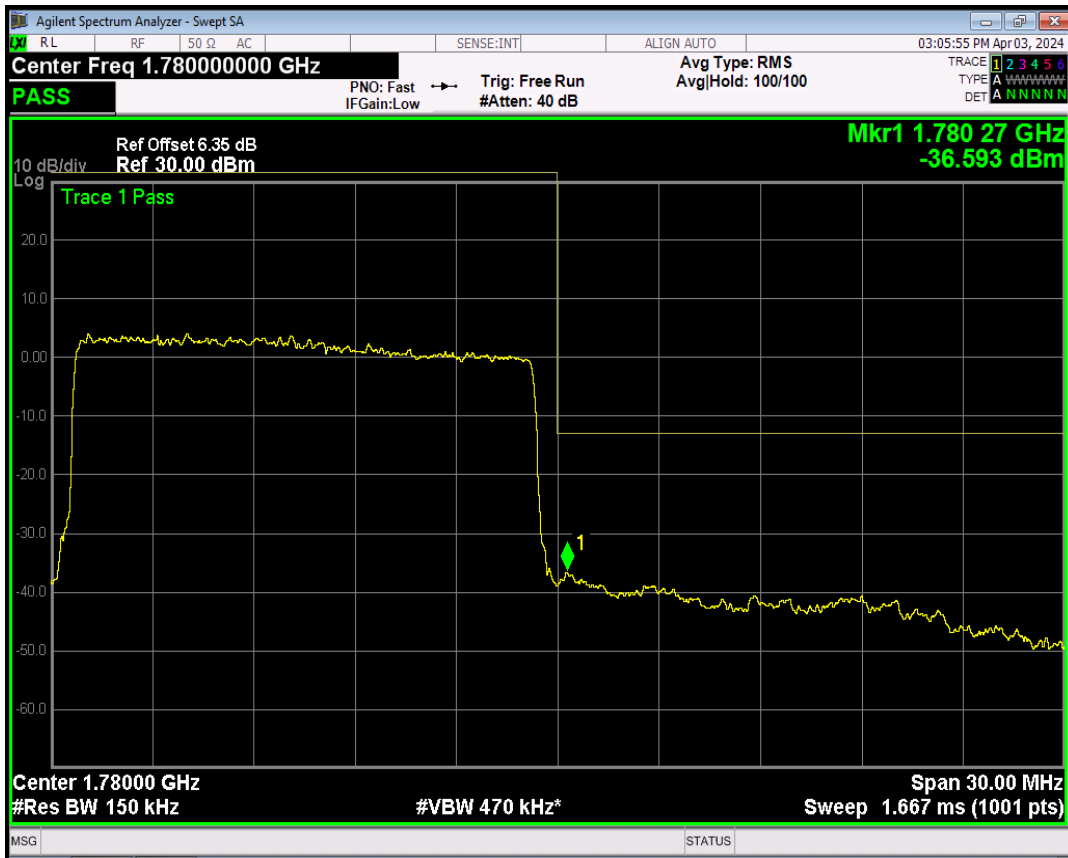


Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0

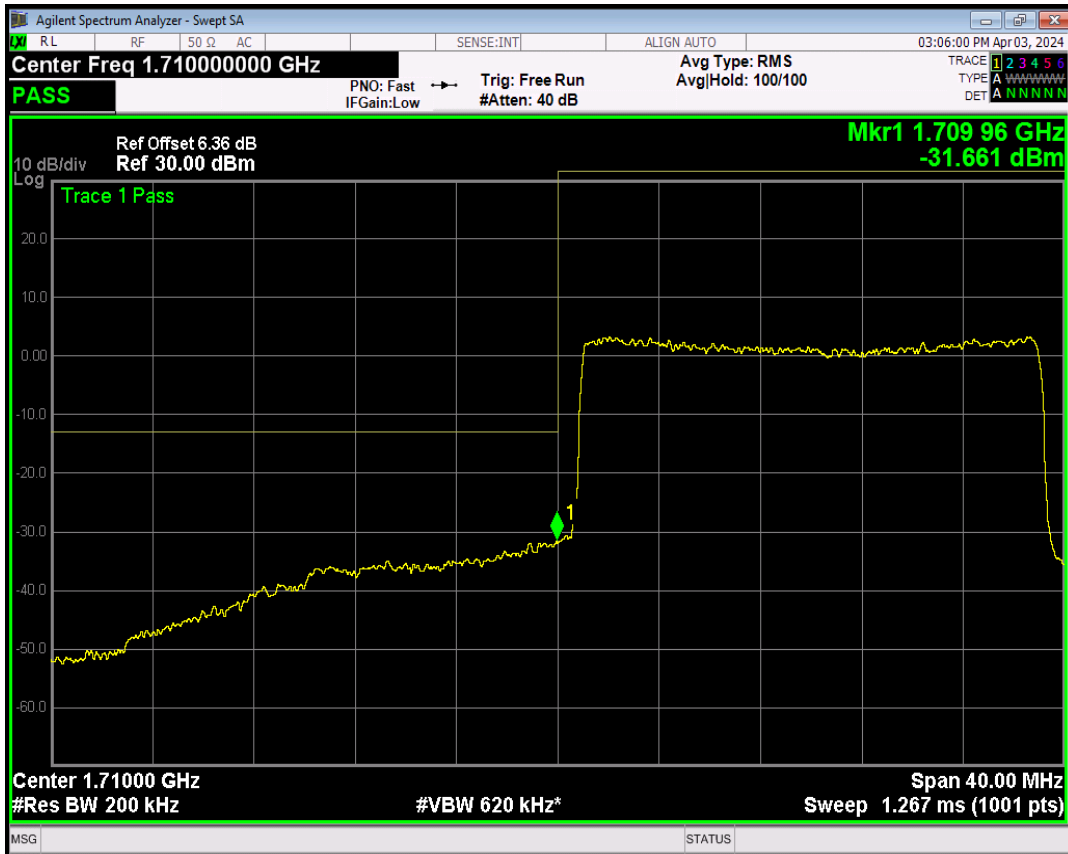


Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0

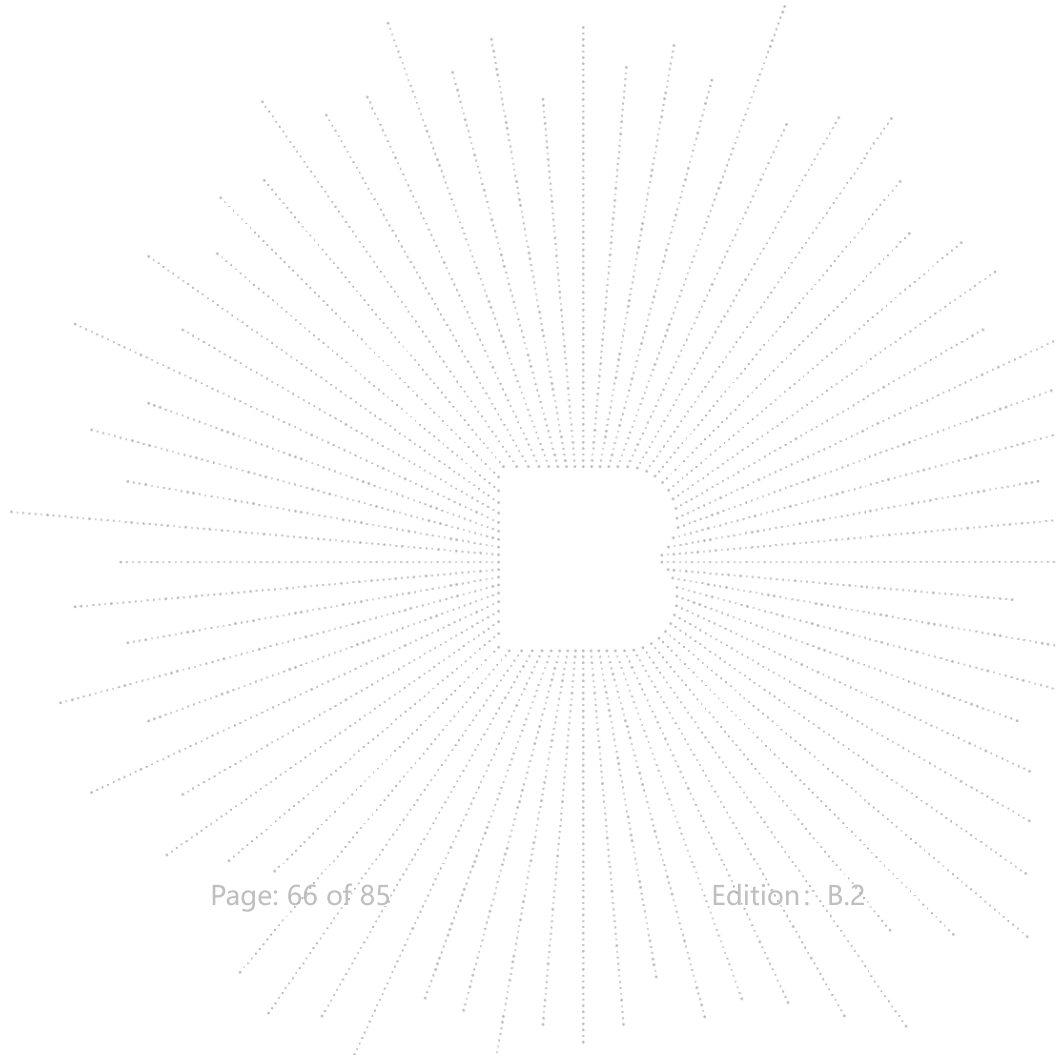
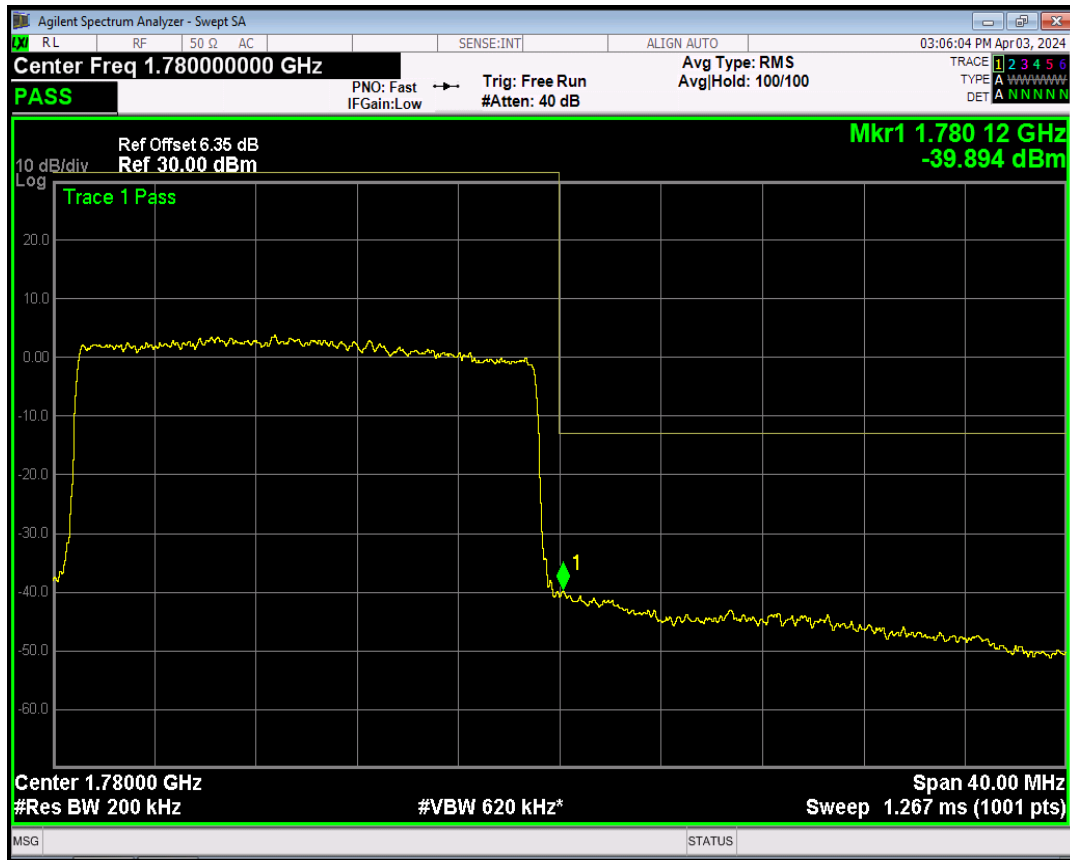




Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0



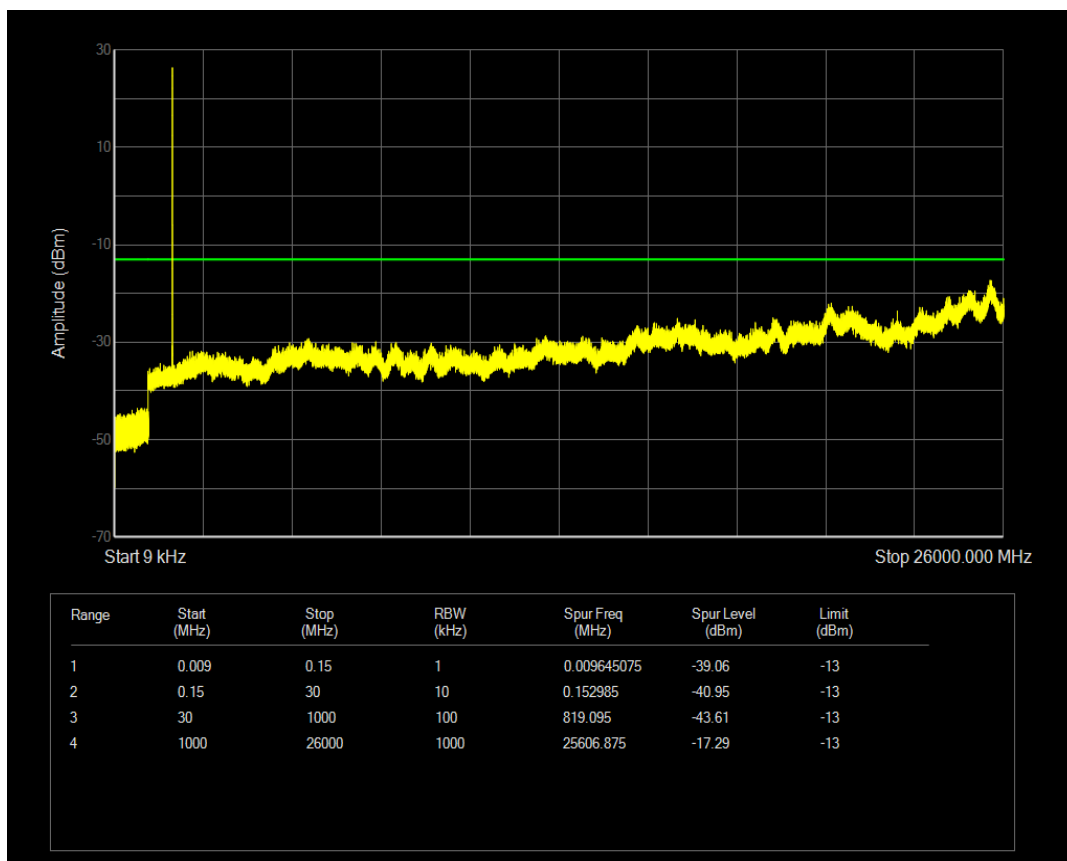
Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



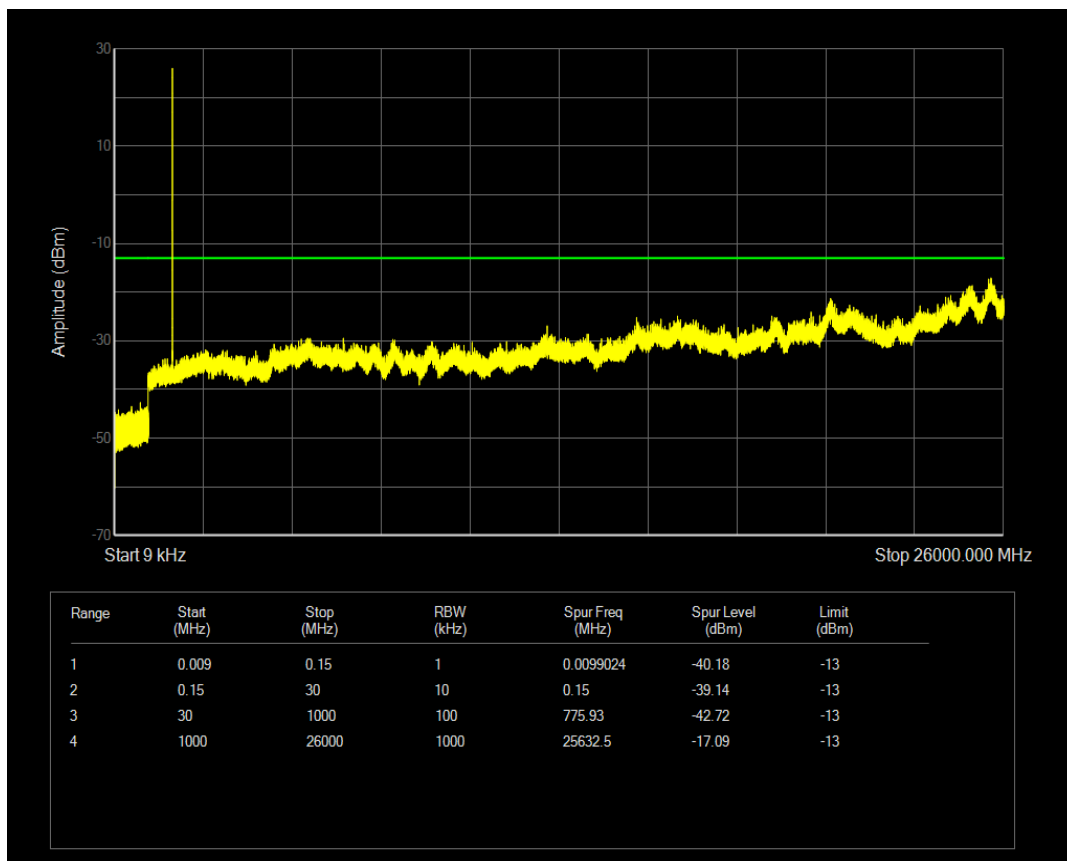
Appendix 6. Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band66	1.4	131979	6	#0	QPSK	25606.88	-17.29	-13	PASS
Band66	1.4	131979	6	#0	16QAM	25632.50	-17.09	-13	PASS
Band66	1.4	132322	6	#0	QPSK	25626.25	-17.38	-13	PASS
Band66	1.4	132322	6	#0	16QAM	25611.25	-17.00	-13	PASS
Band66	1.4	132665	6	#0	QPSK	25640.63	-17.36	-13	PASS
Band66	1.4	132665	6	#0	16QAM	25533.13	-17.38	-13	PASS
Band66	3	131987	15	#0	QPSK	25660.63	-17.80	-13	PASS
Band66	3	131987	15	#0	16QAM	25645.63	-17.36	-13	PASS
Band66	3	132322	15	#0	QPSK	25582.50	-17.65	-13	PASS
Band66	3	132322	15	#0	16QAM	25581.88	-17.41	-13	PASS
Band66	3	132657	15	#0	QPSK	25640.63	-17.90	-13	PASS
Band66	3	132657	15	#0	16QAM	25588.75	-17.77	-13	PASS
Band66	5	131997	25	#0	QPSK	25635.00	-17.13	-13	PASS
Band66	5	131997	25	#0	16QAM	25626.88	-17.14	-13	PASS
Band66	5	132322	25	#0	QPSK	25648.13	-17.18	-13	PASS
Band66	5	132322	25	#0	16QAM	25635.63	-17.54	-13	PASS
Band66	5	132647	25	#0	QPSK	25591.88	-17.63	-13	PASS
Band66	5	132647	25	#0	16QAM	25611.88	-17.09	-13	PASS
Band66	10	132022	50	#0	QPSK	25631.25	-17.04	-13	PASS
Band66	10	132322	50	#0	QPSK	25549.38	-17.67	-13	PASS
Band66	10	132622	50	#0	QPSK	25601.25	-17.77	-13	PASS
Band66	15	132047	75	#0	QPSK	25683.75	-16.29	-13	PASS
Band66	15	132322	75	#0	QPSK	25666.25	-17.95	-13	PASS
Band66	15	132597	75	#0	QPSK	25628.13	-16.92	-13	PASS
Band66	20	132072	100	#0	QPSK	25713.75	-17.96	-13	PASS
Band66	20	132322	100	#0	QPSK	25605.00	-16.84	-13	PASS
Band66	20	132572	100	#0	QPSK	25665.00	-17.31	-13	PASS

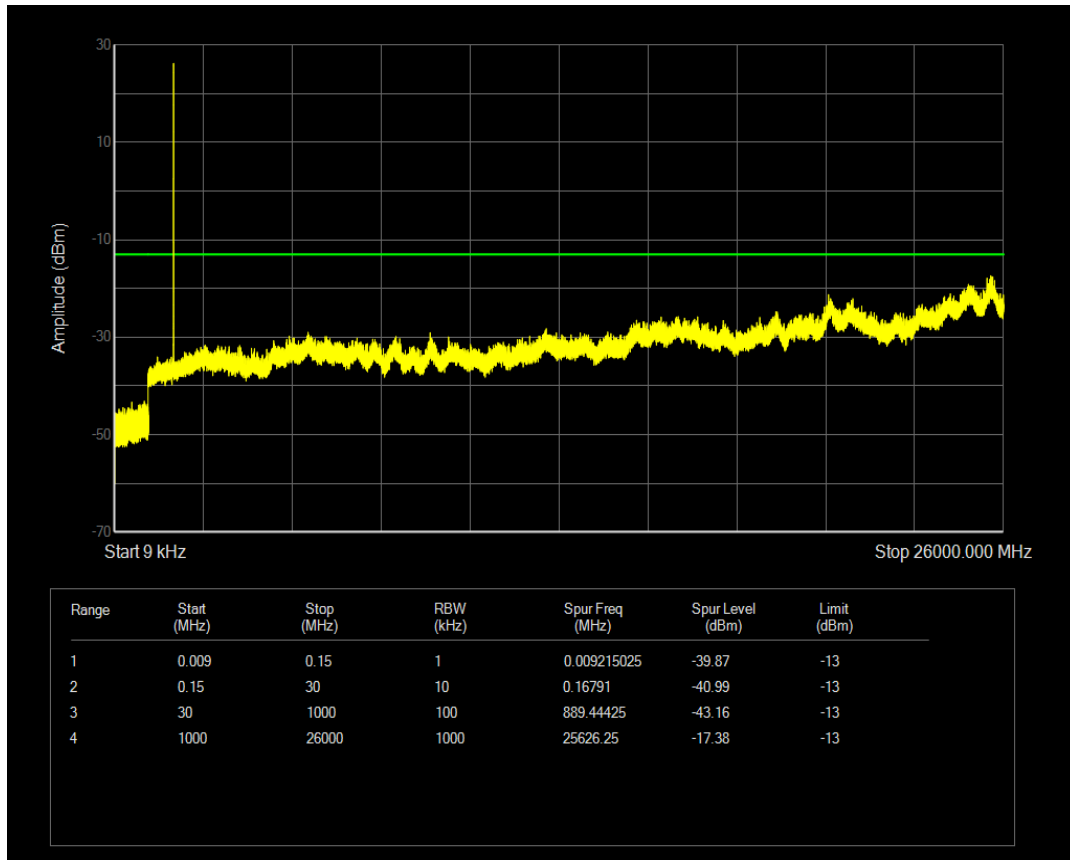
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



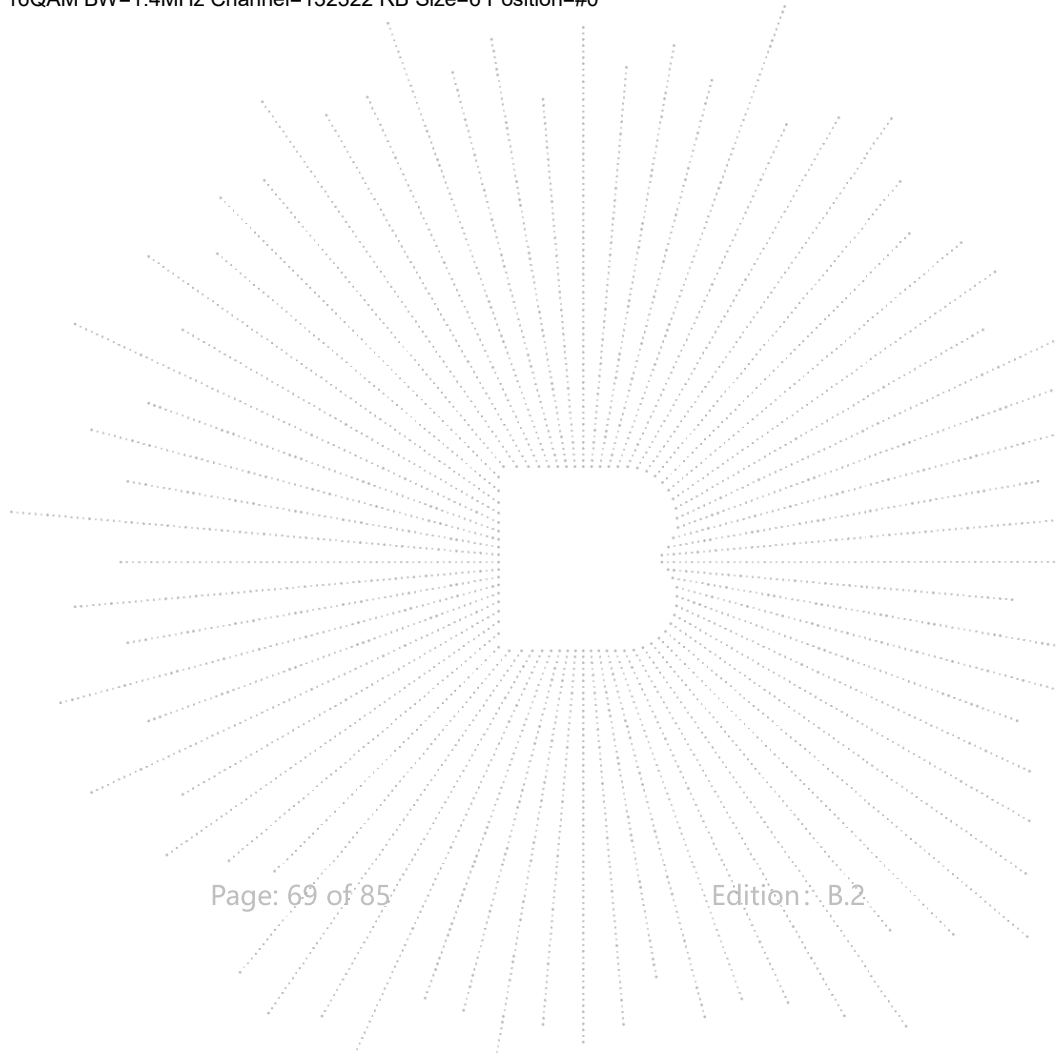
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0

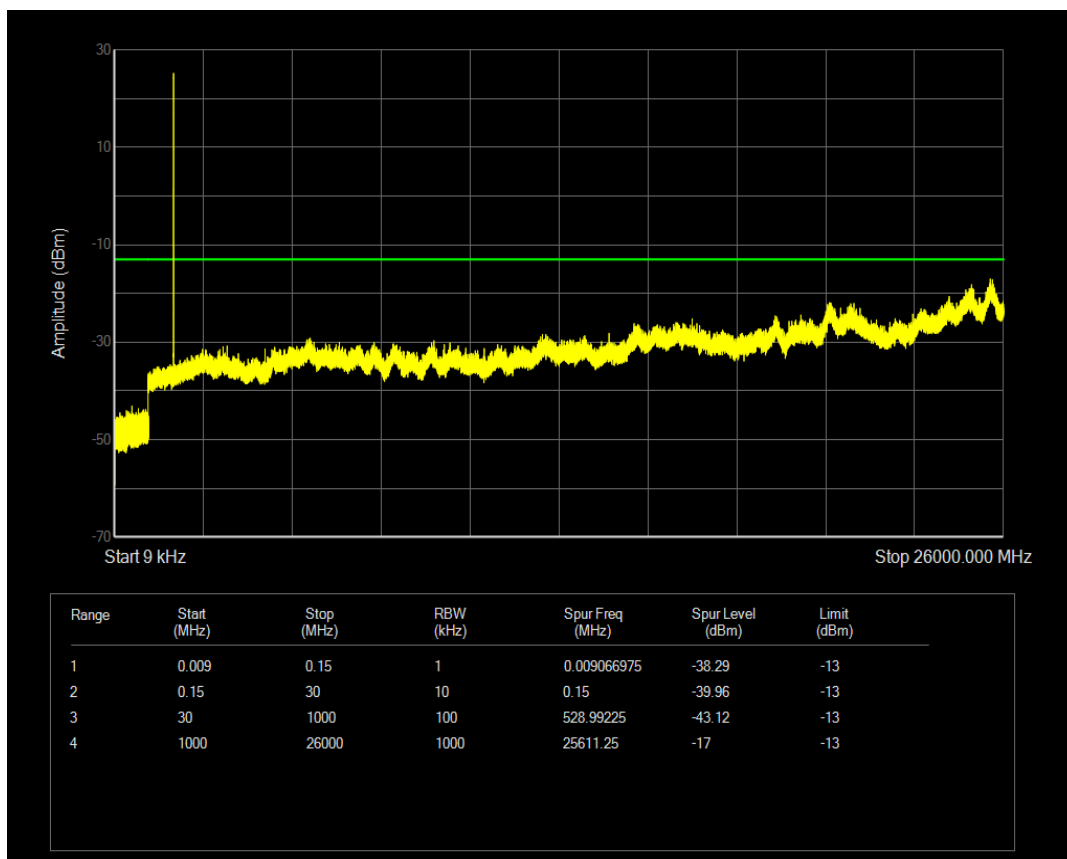


Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0

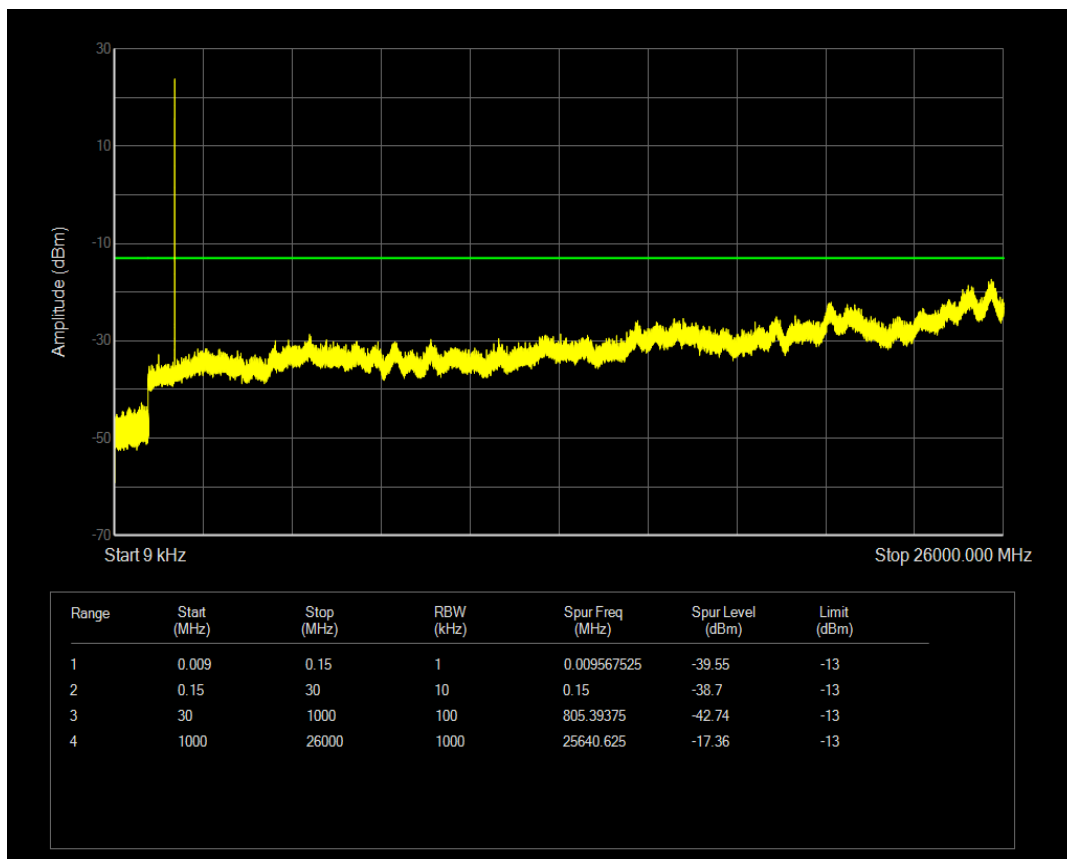


Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0

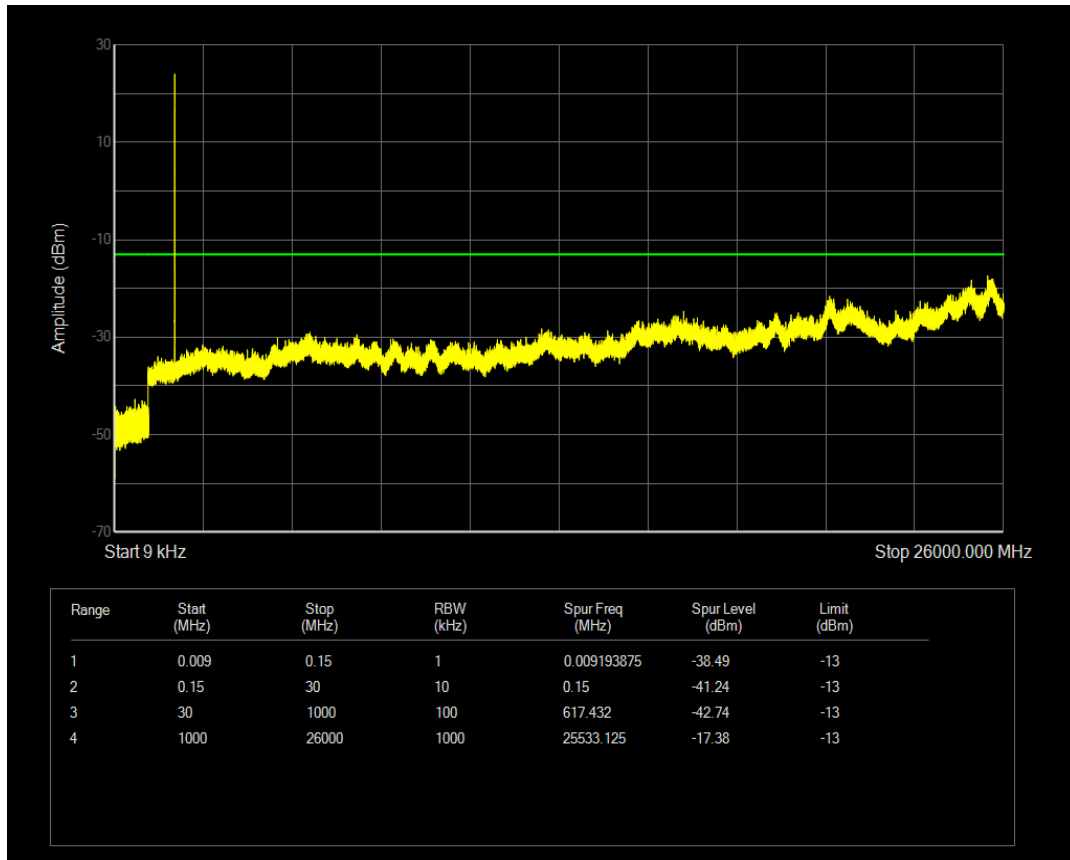




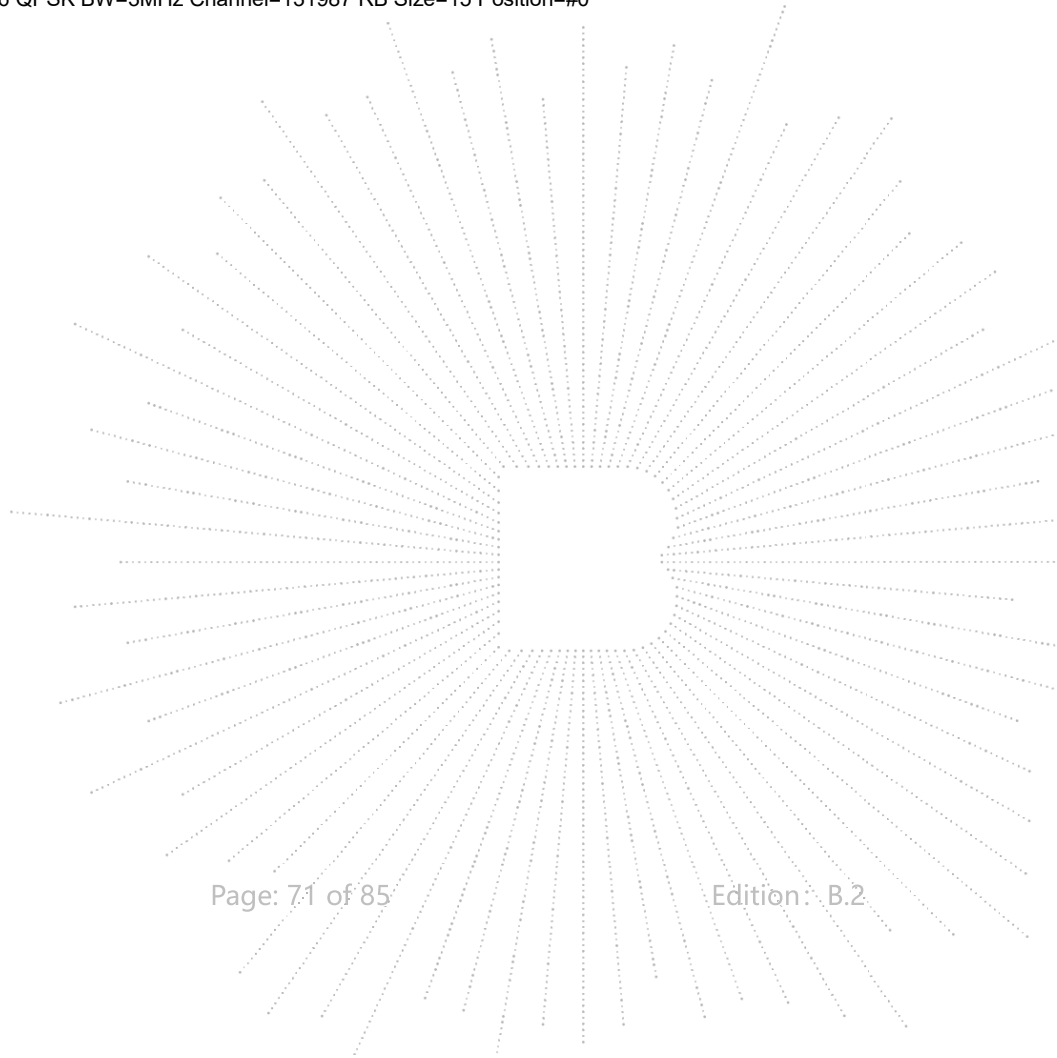
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0

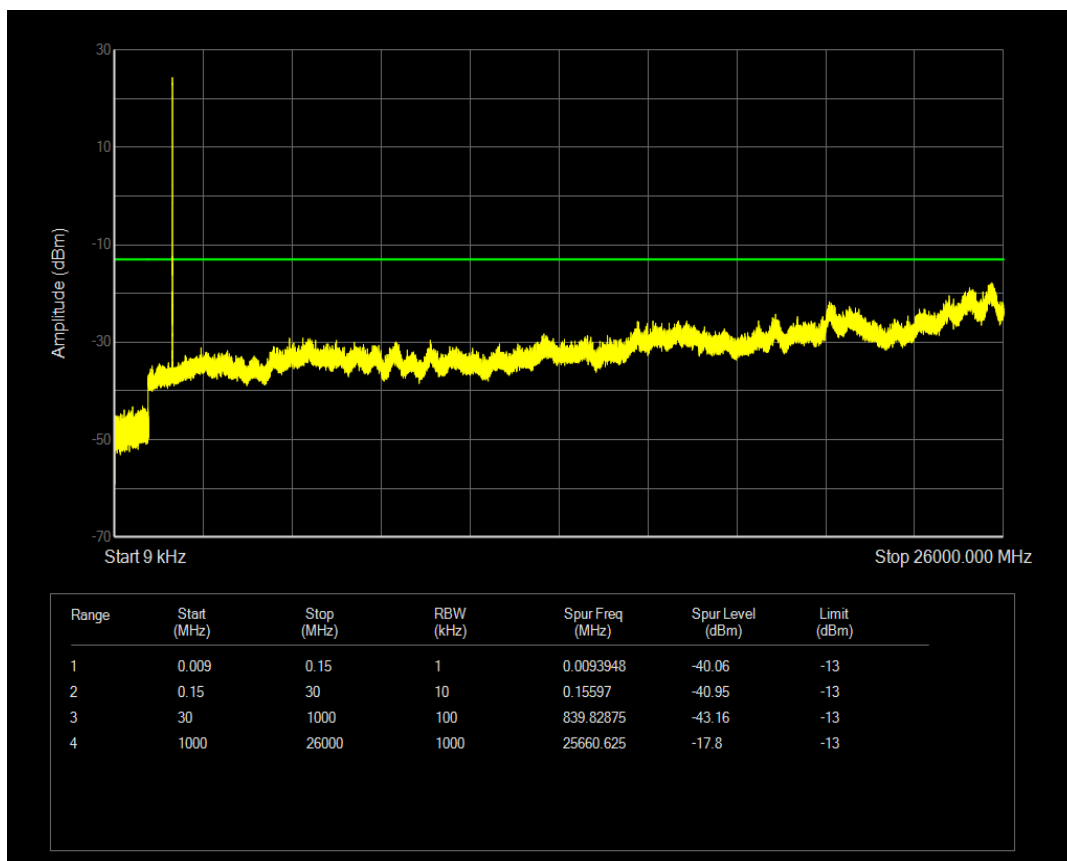


Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0

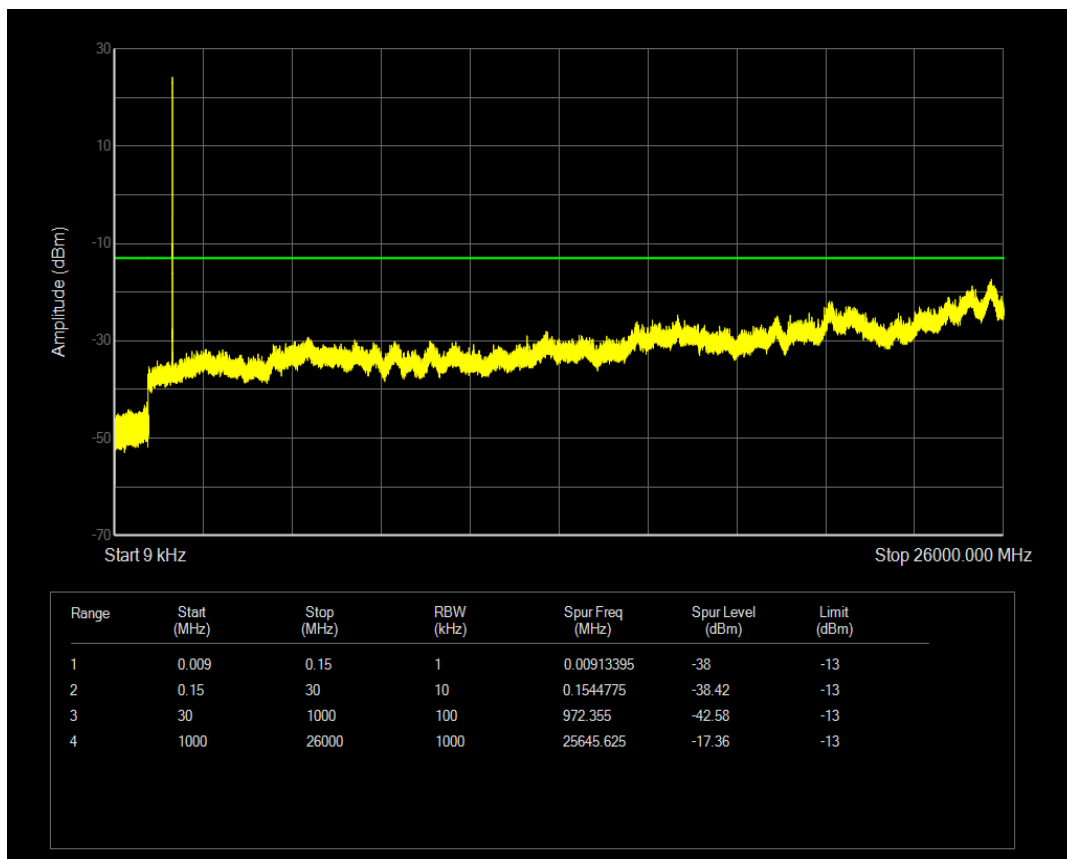


Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0

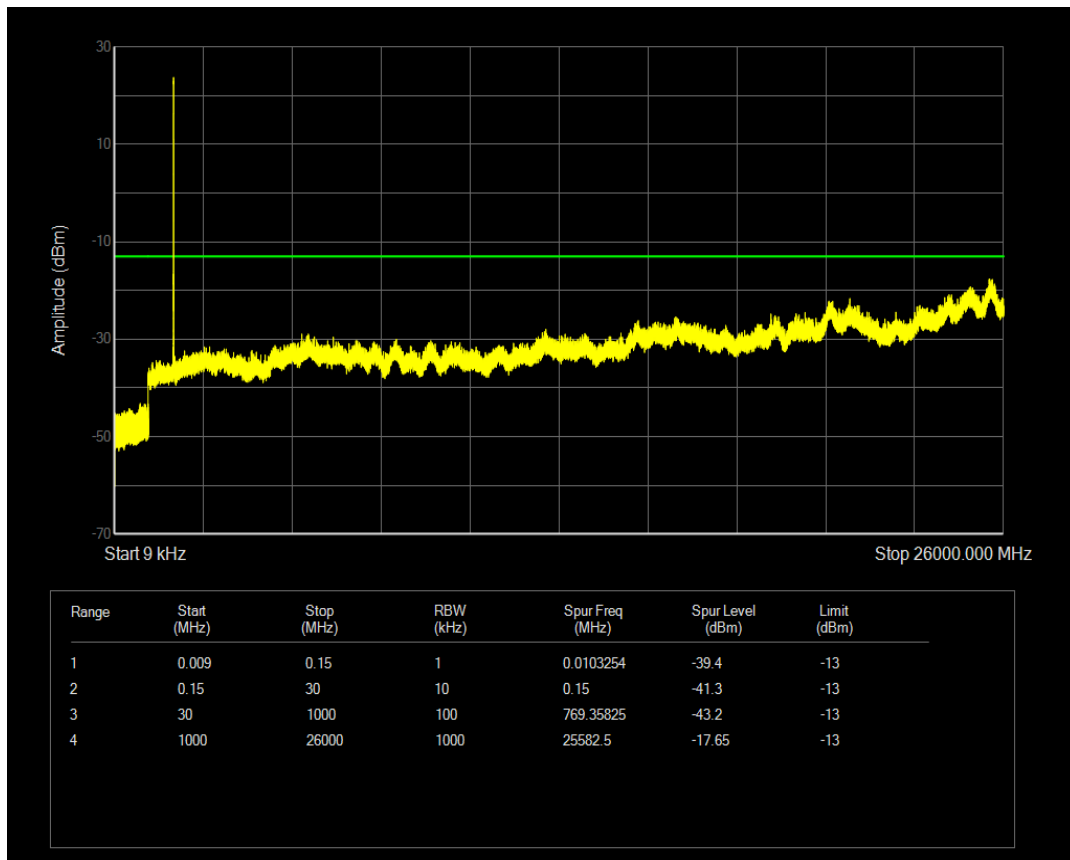




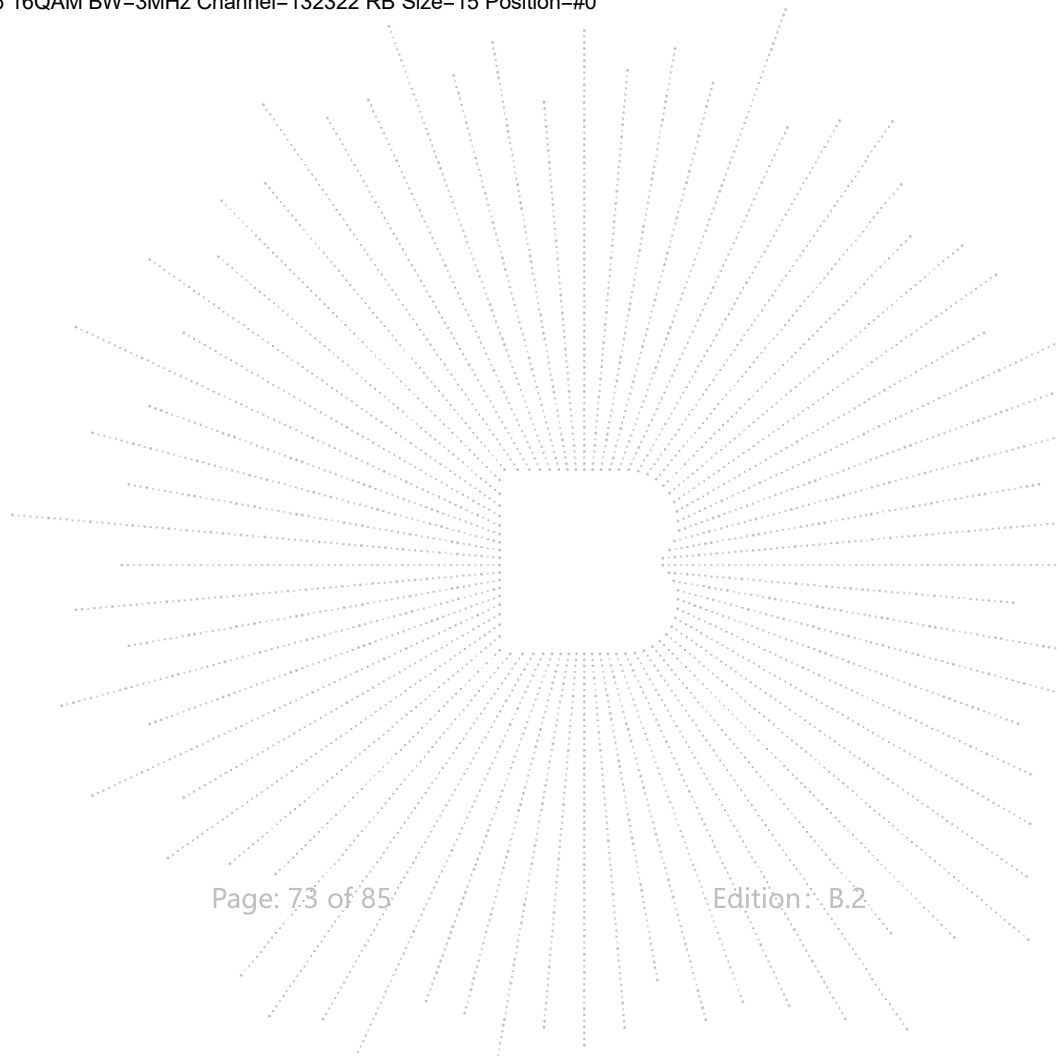
Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0

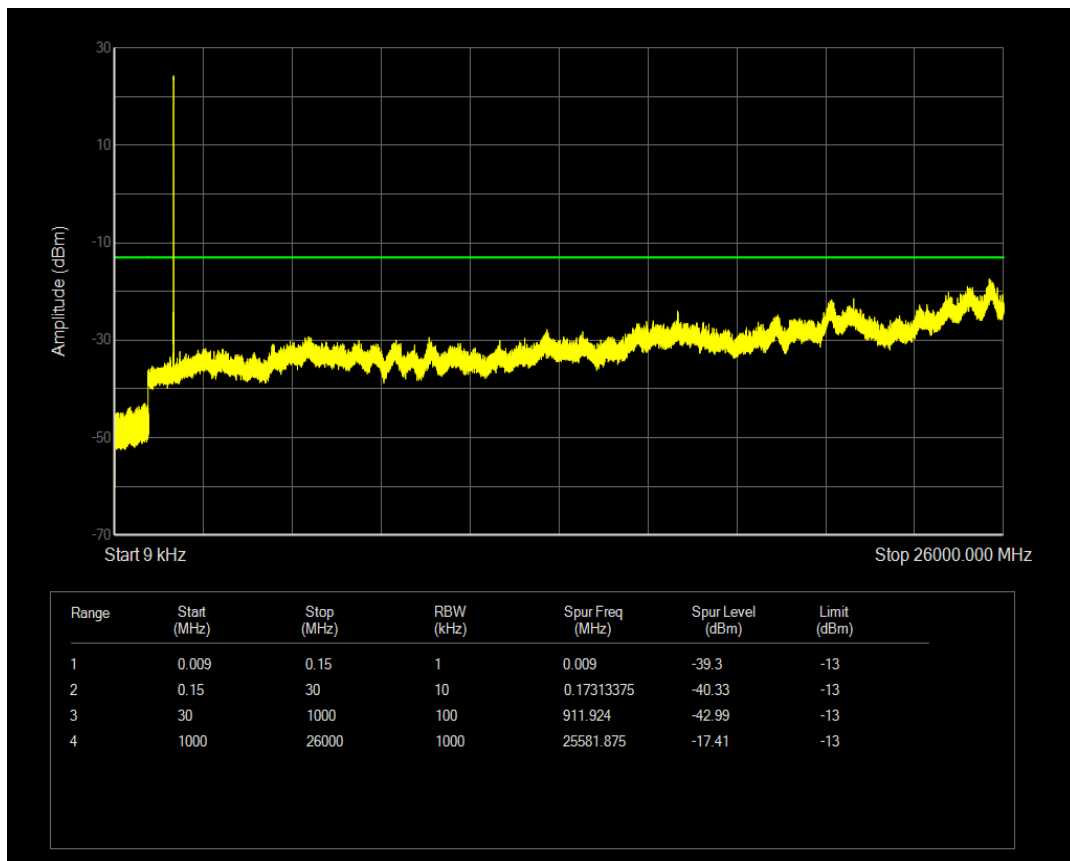


Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0

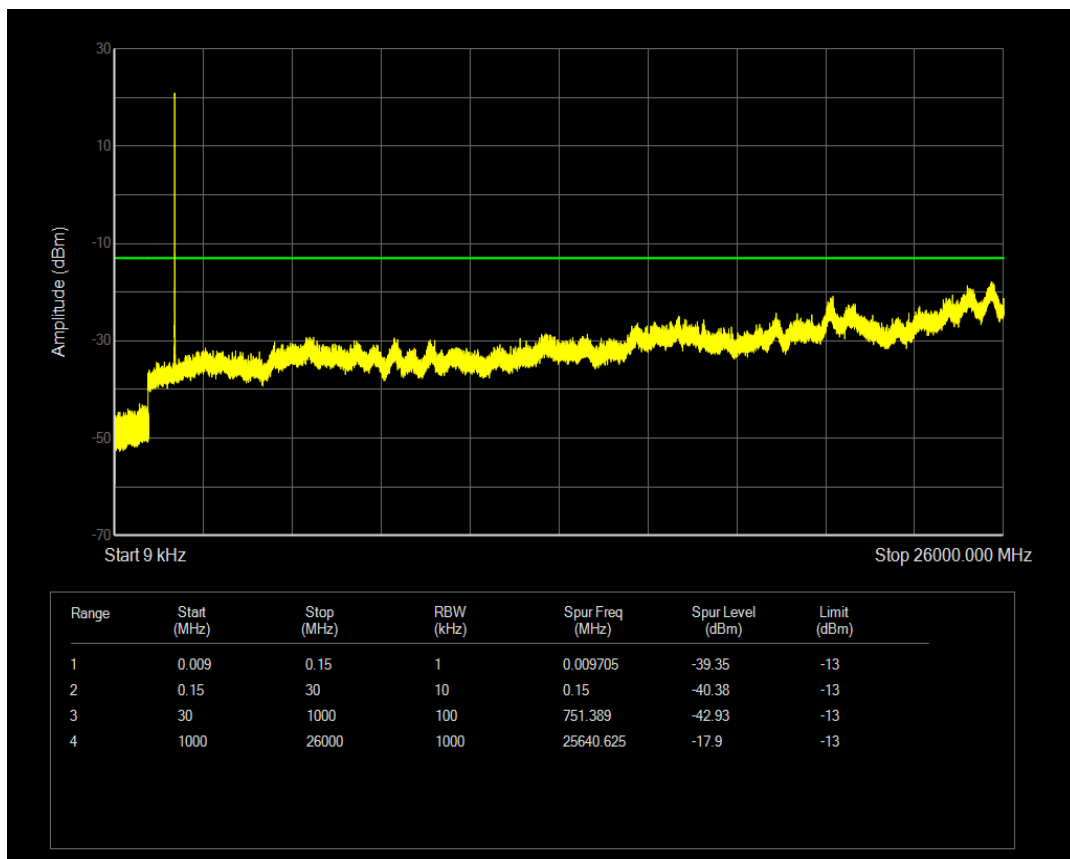


Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0



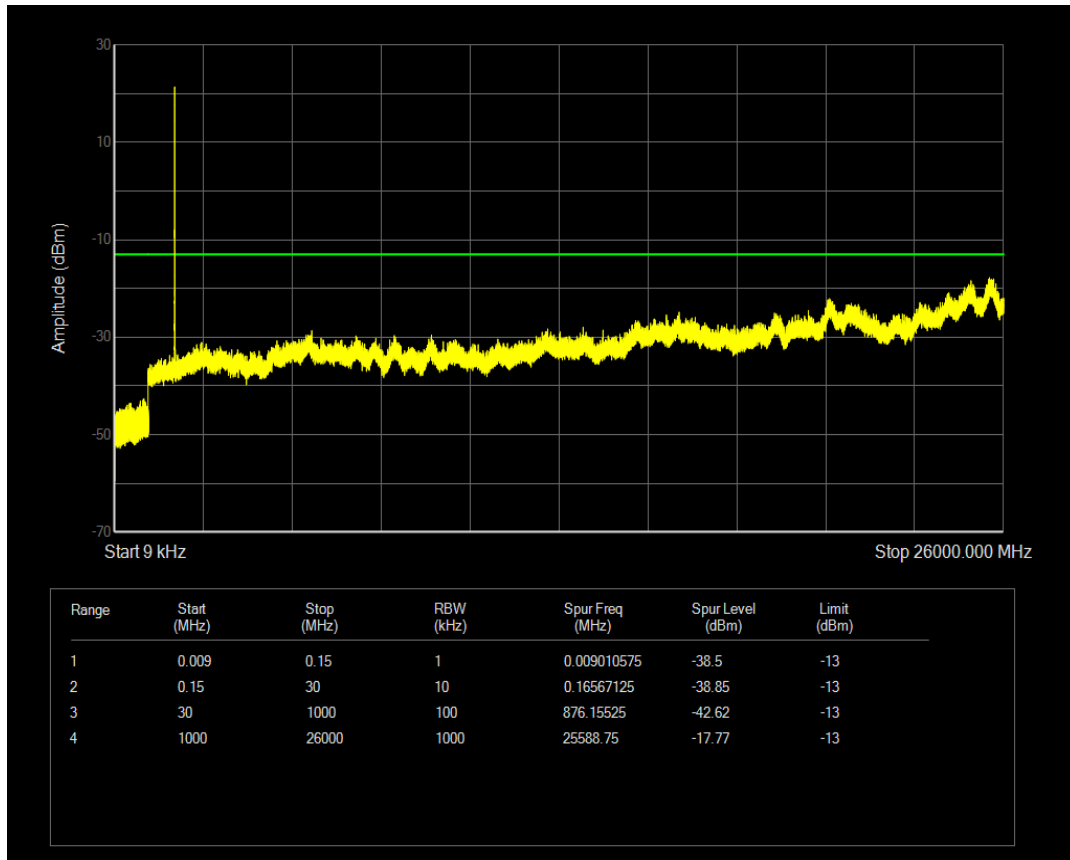


Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0

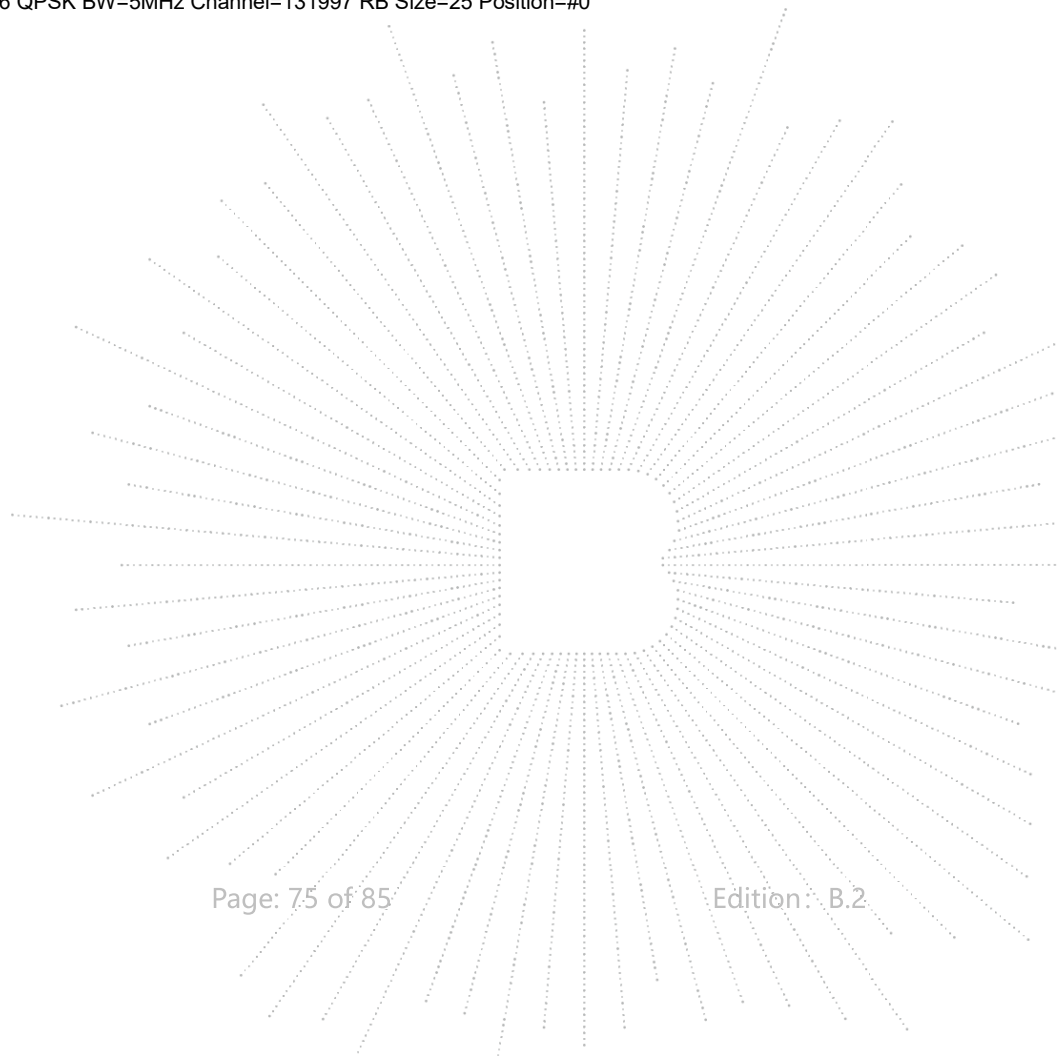


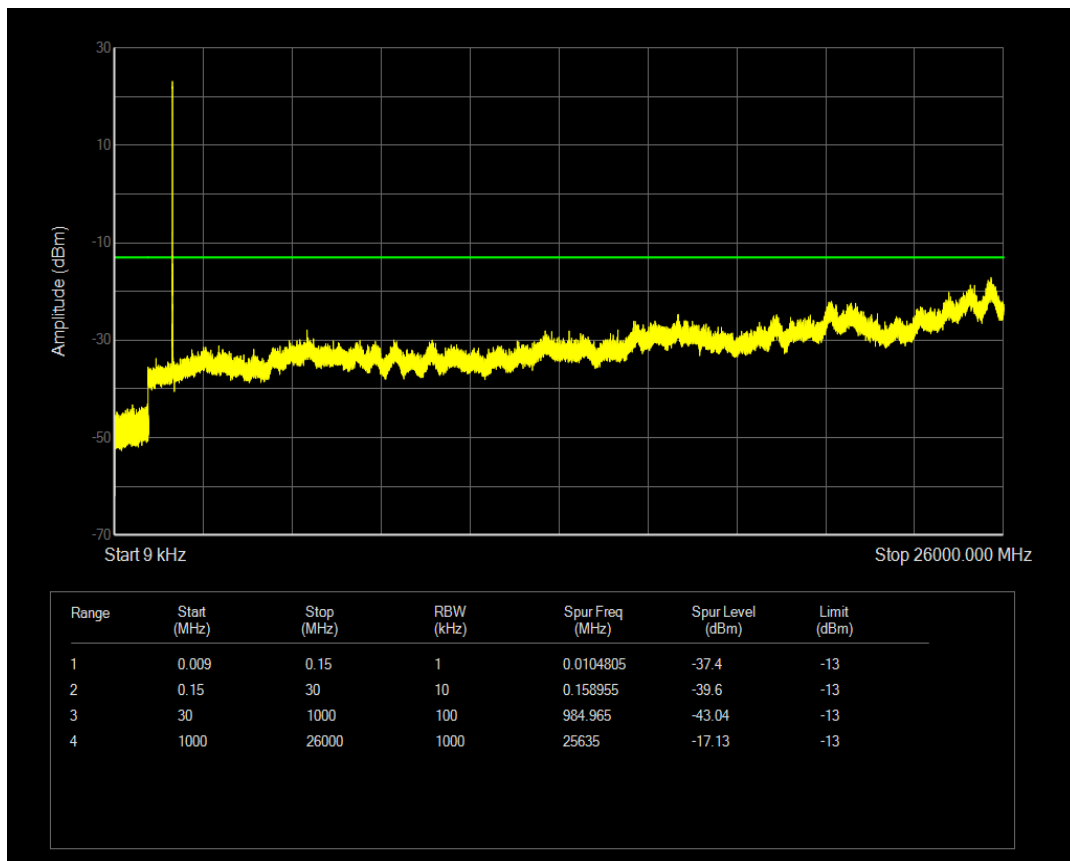


Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0

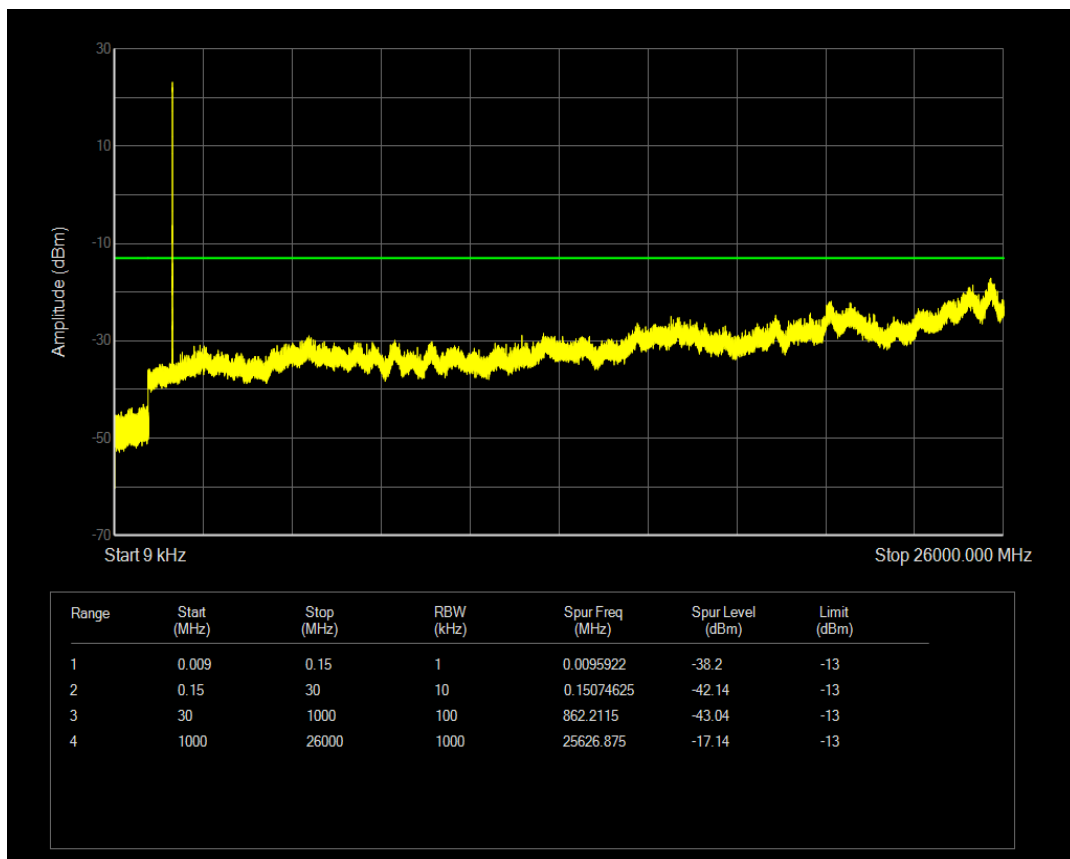


Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0

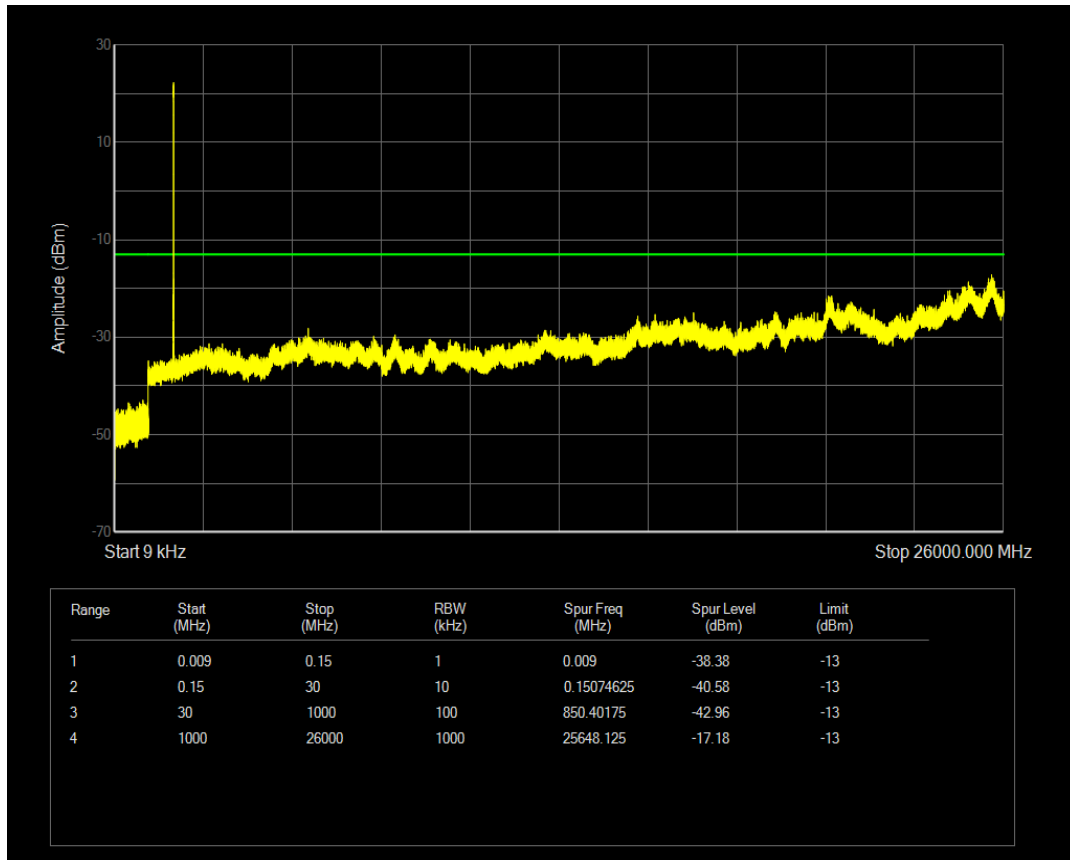




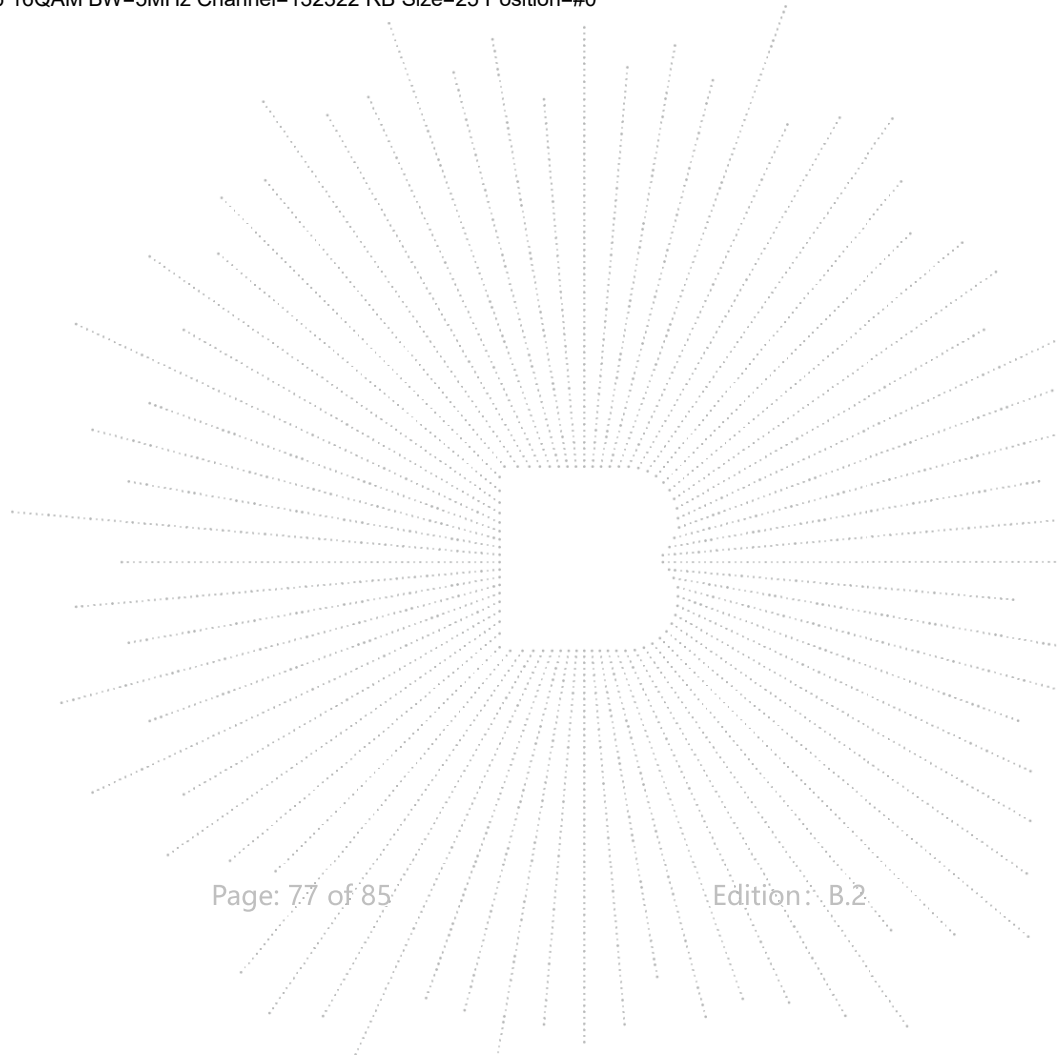
Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0

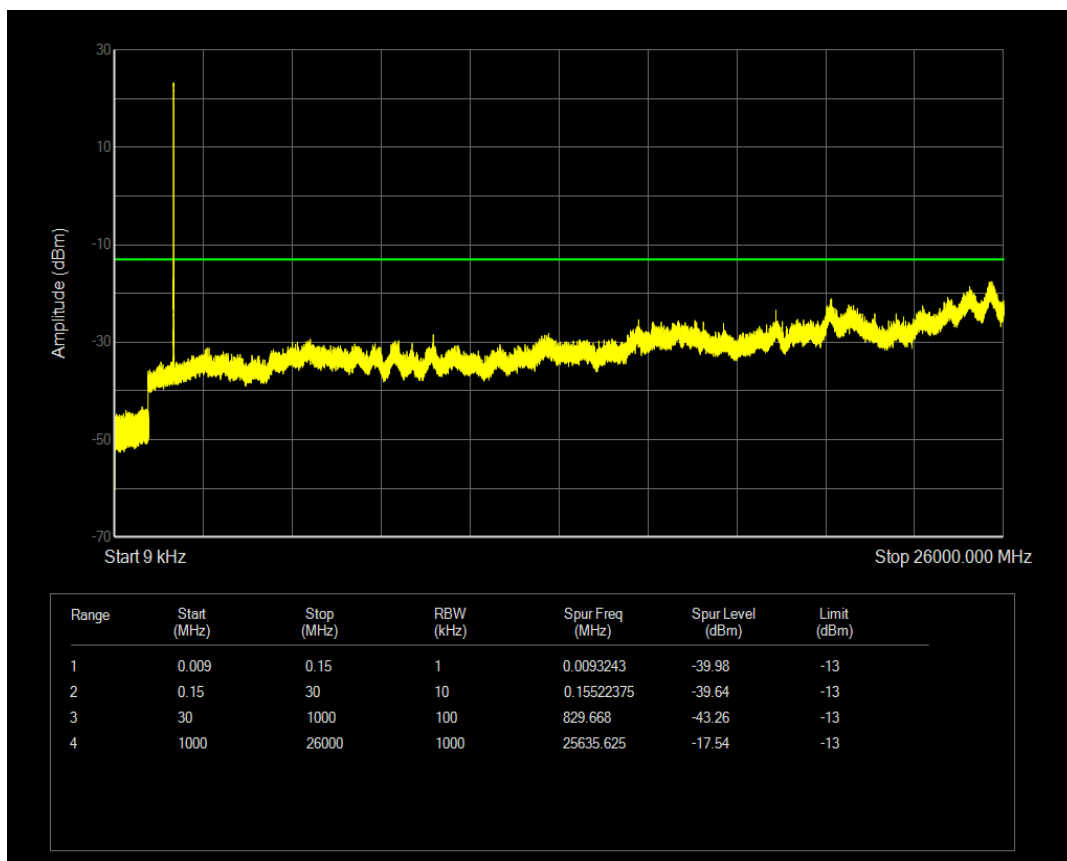


Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0

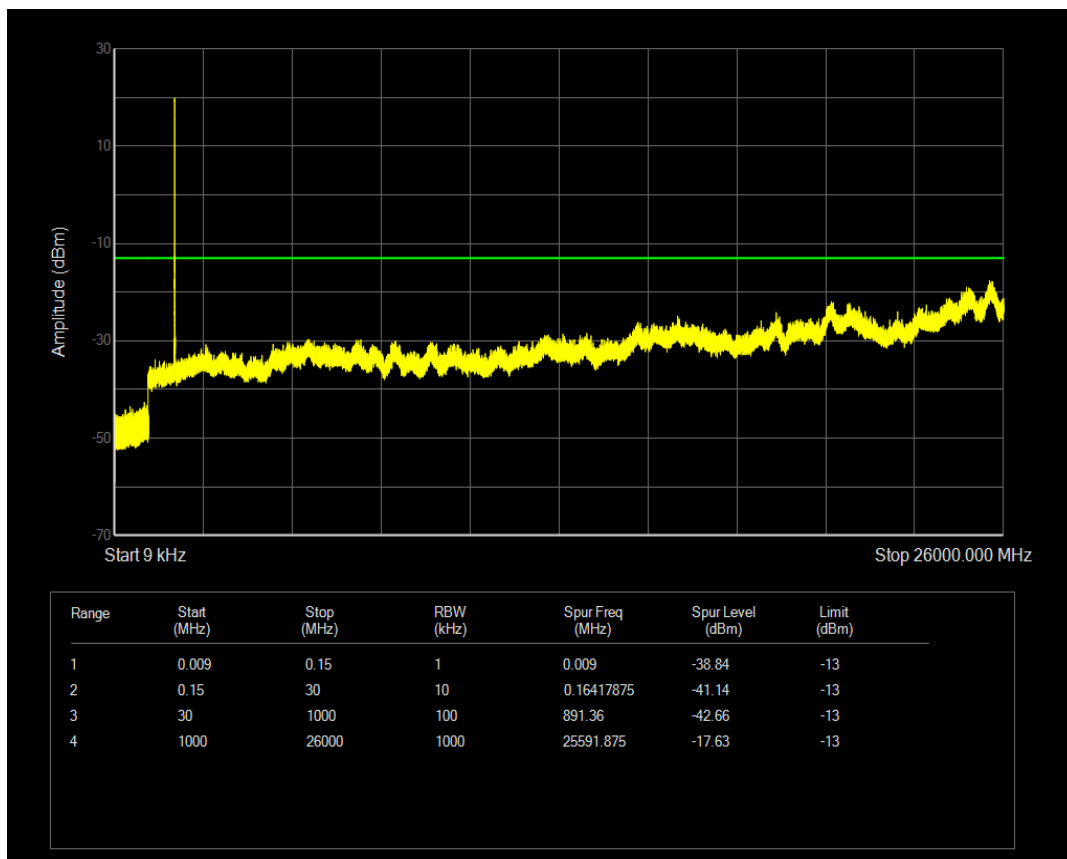


Band66 16QAM BW=5MHz Channel=132322 RB Size=25 Position=#0

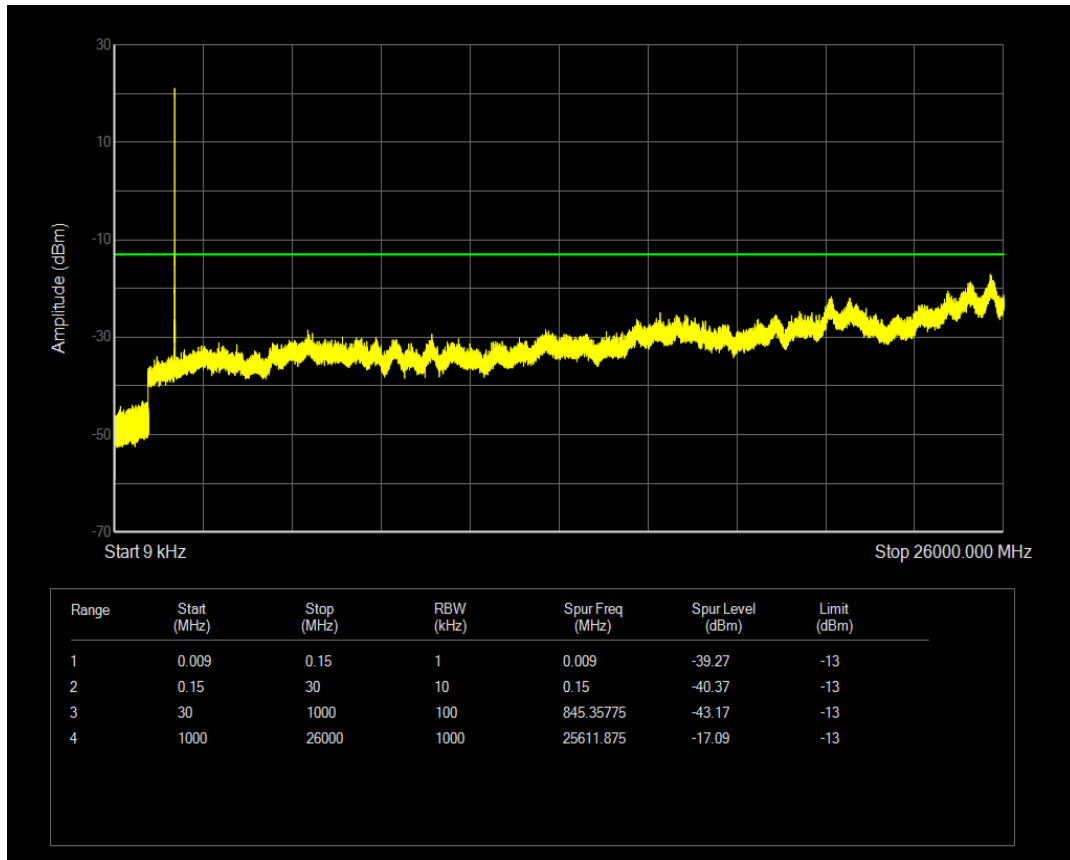




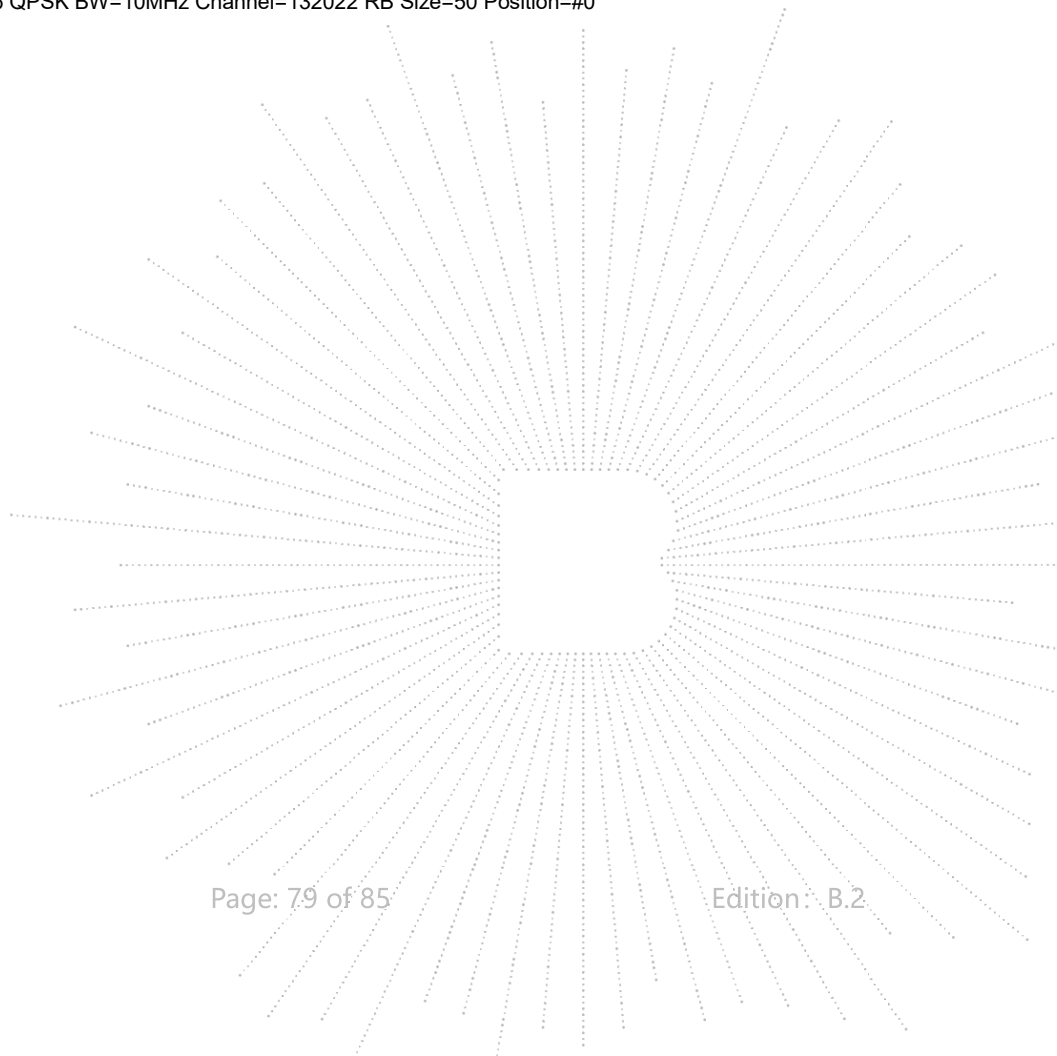
Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0

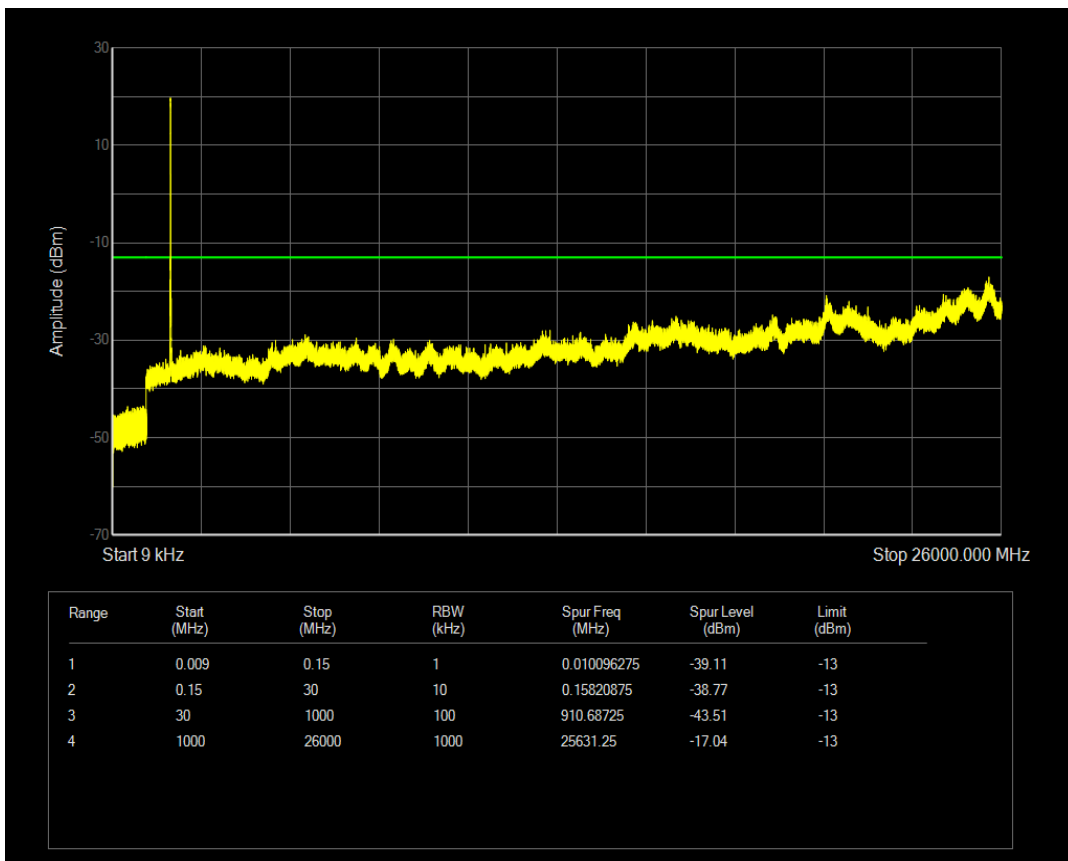


Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0

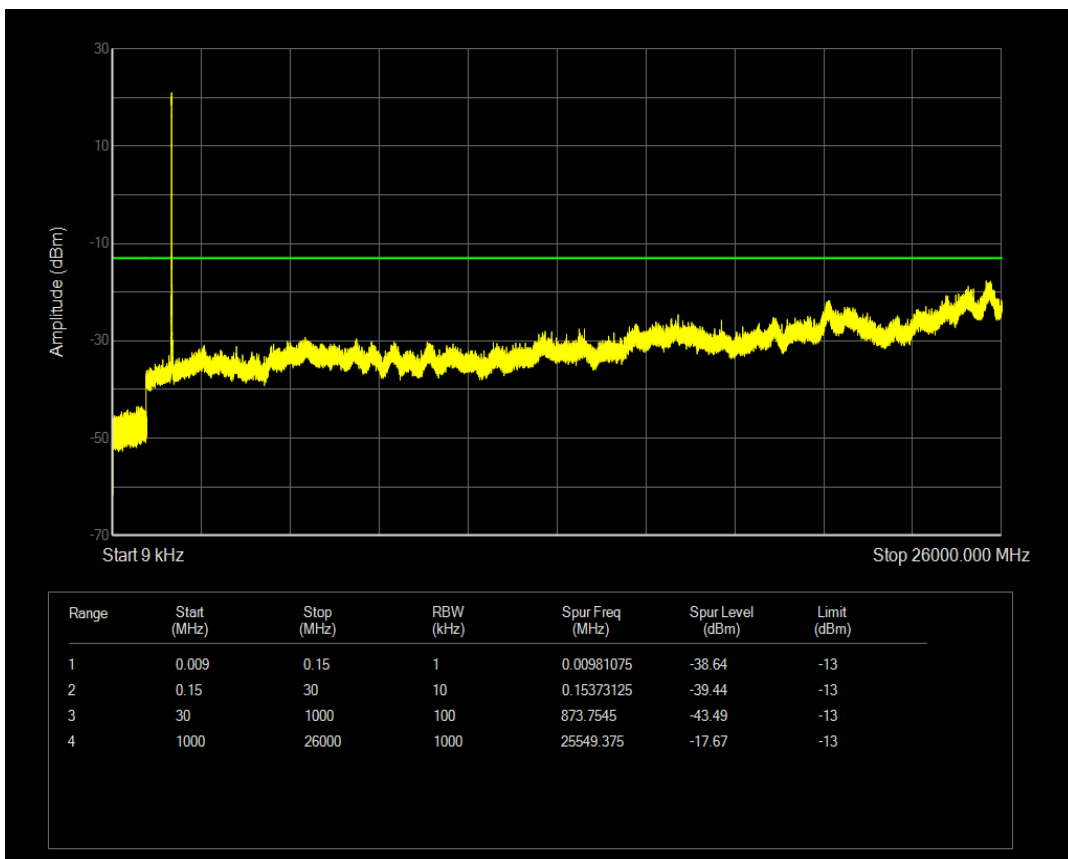


Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0

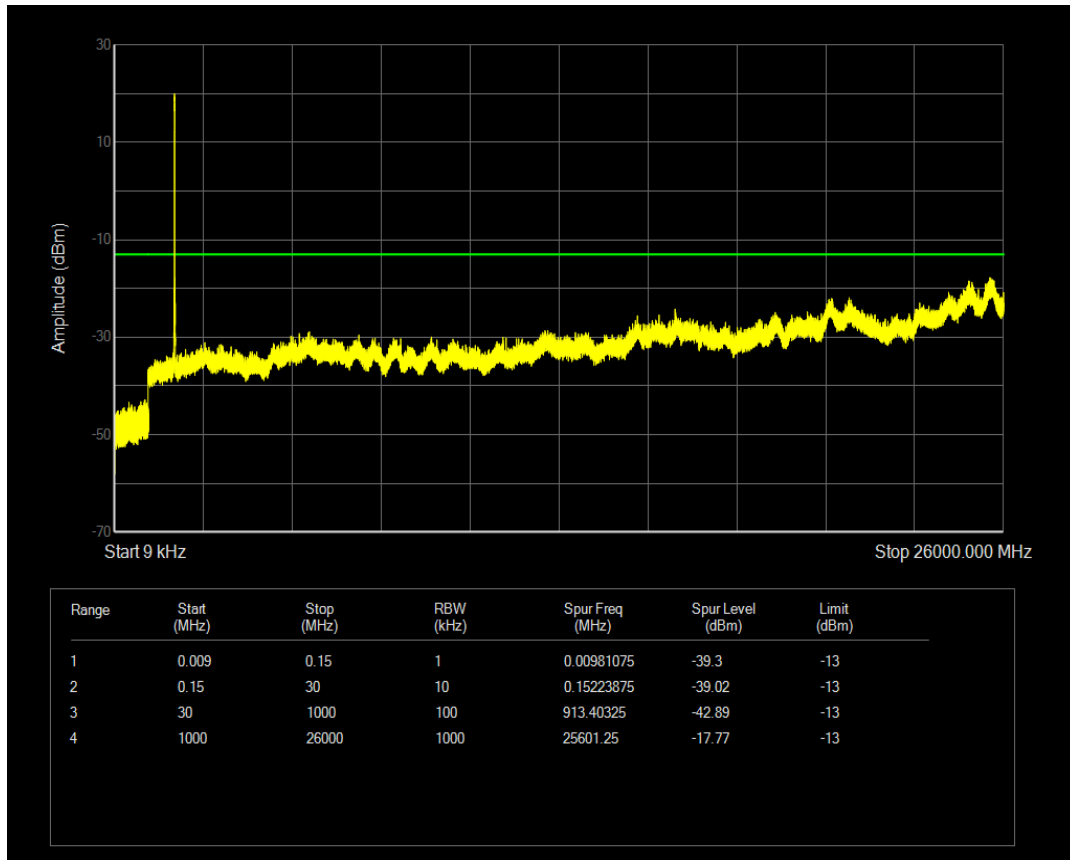




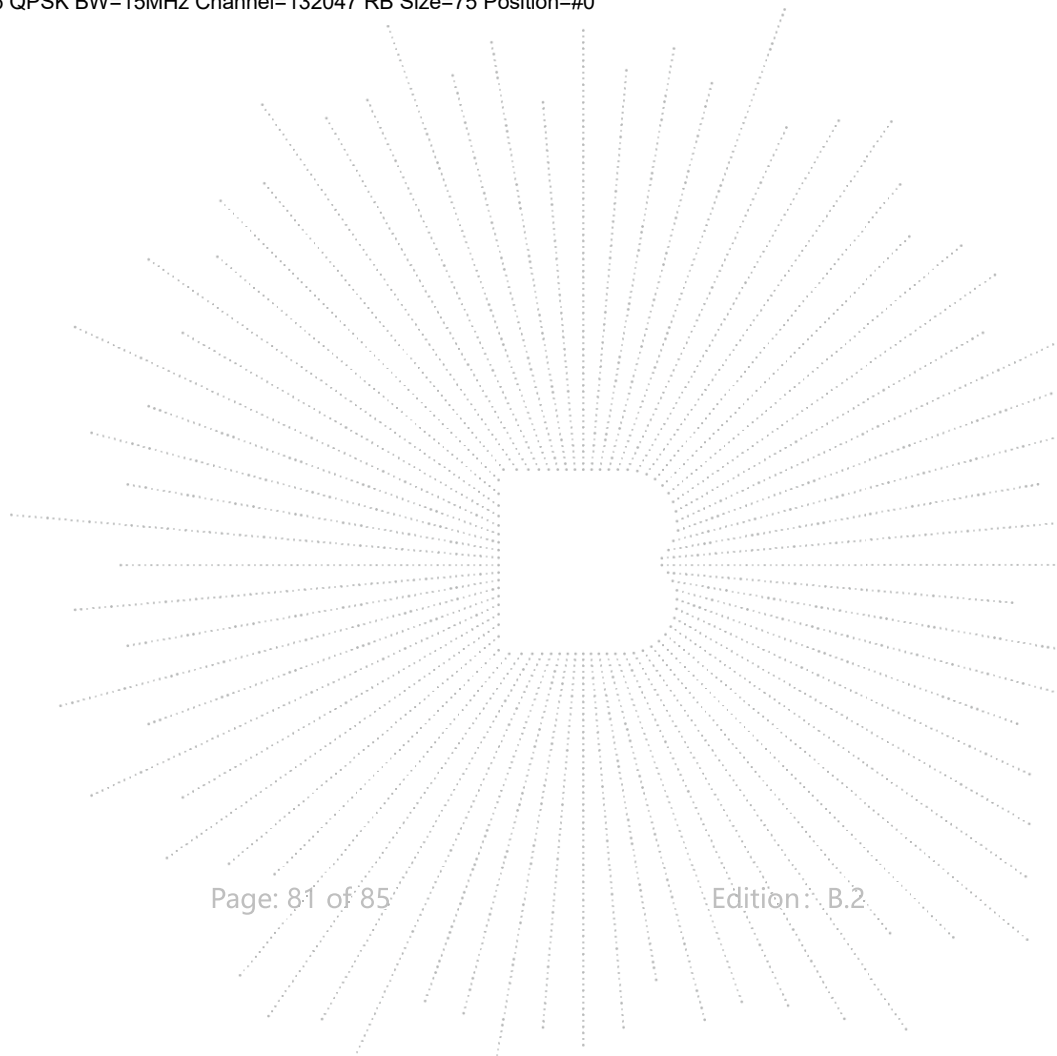
Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0

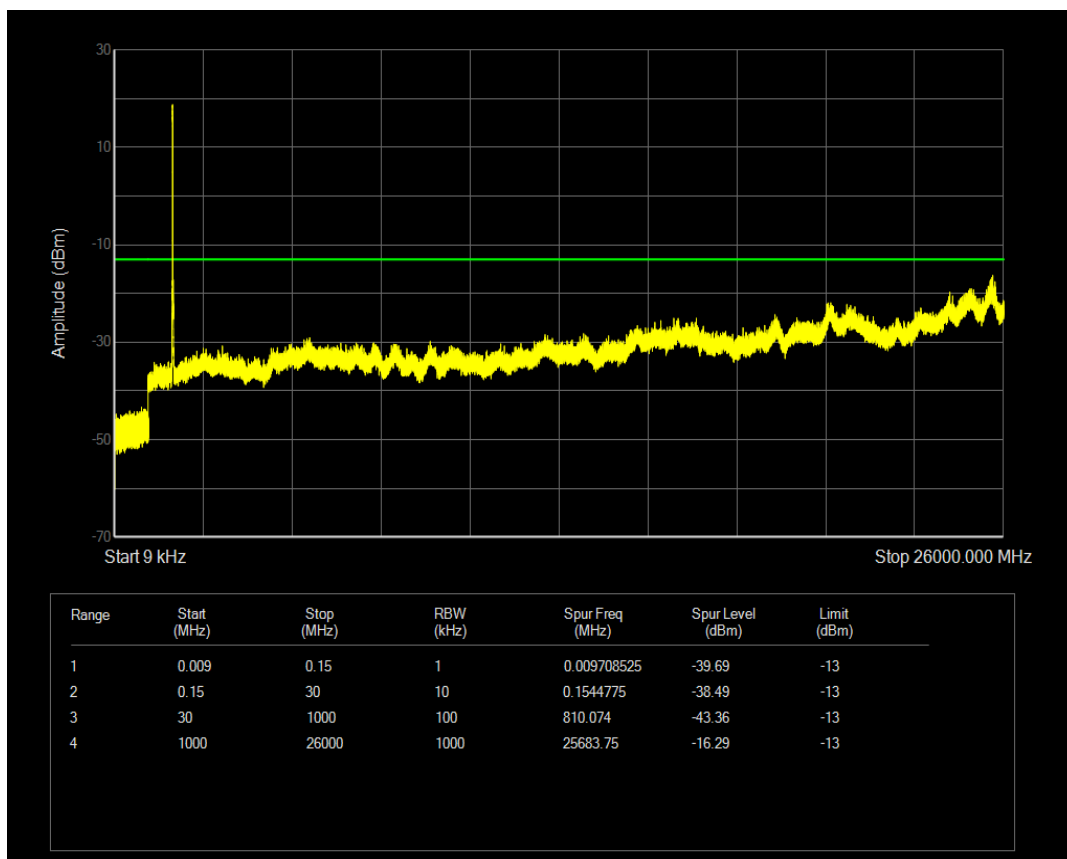


Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0

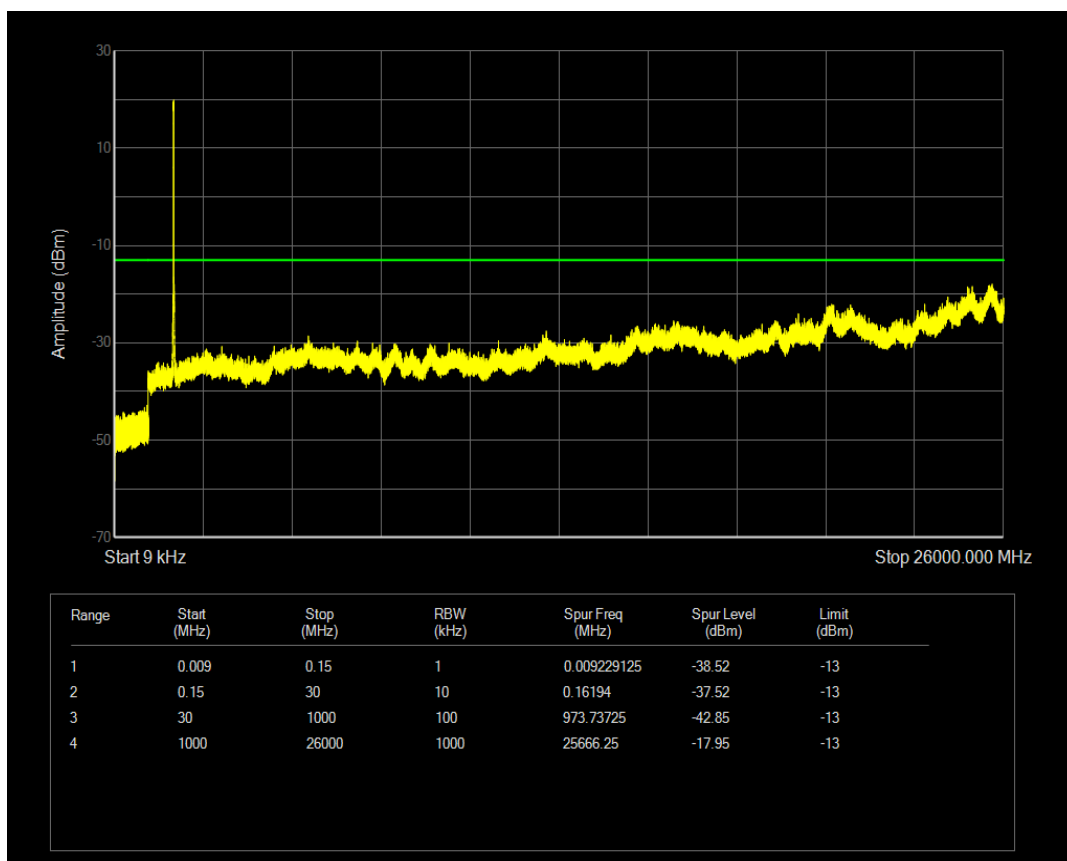


Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0

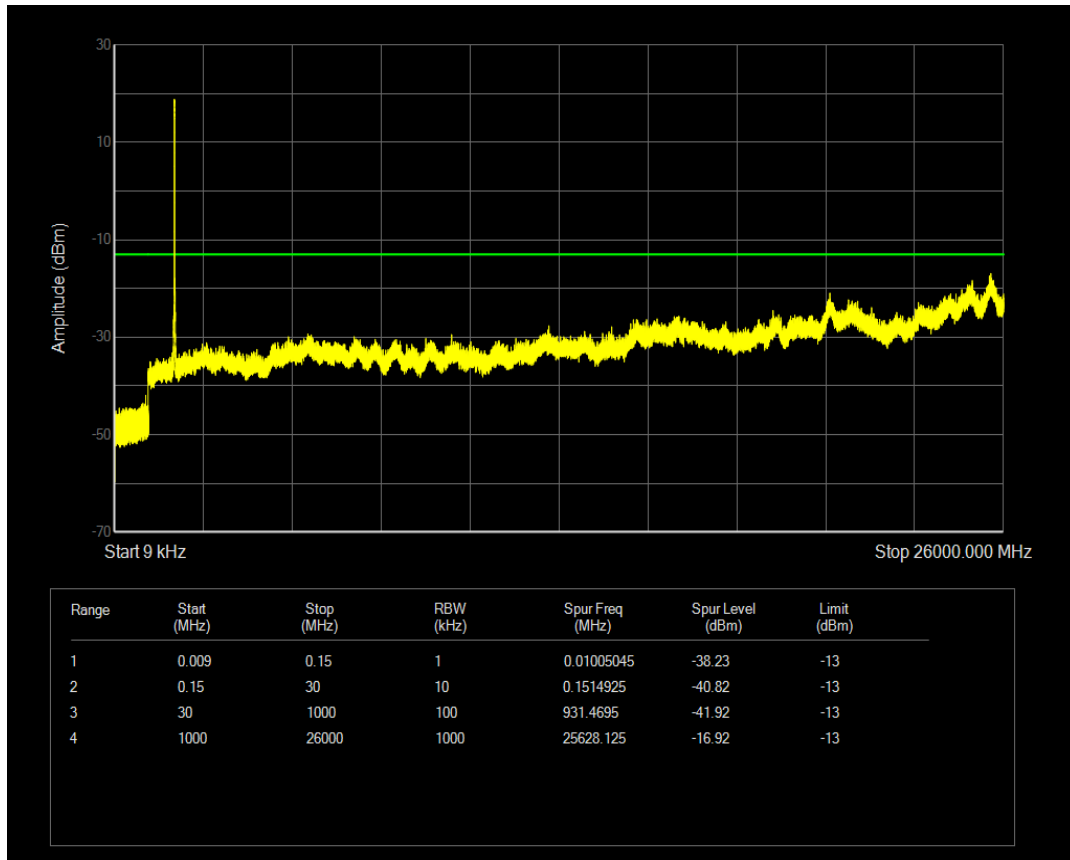




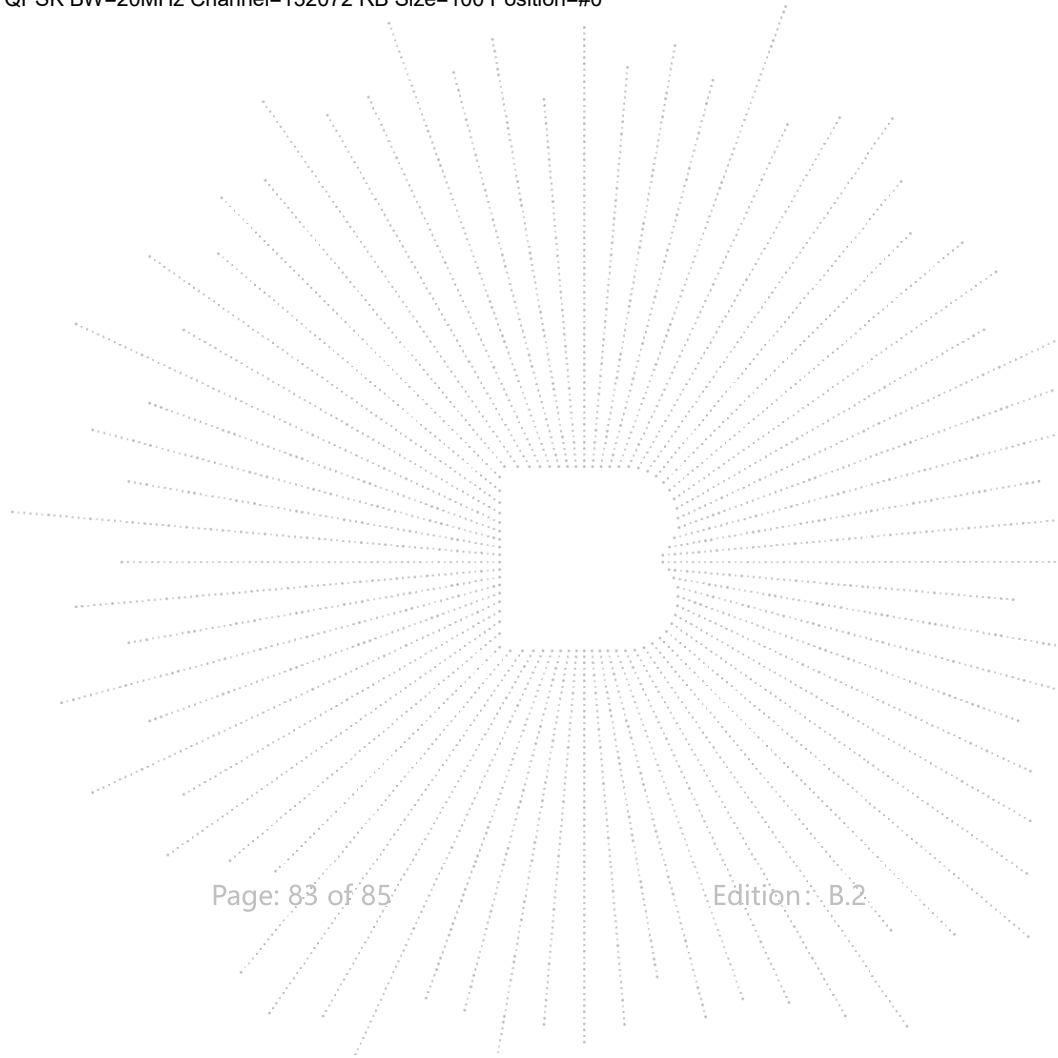
Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0

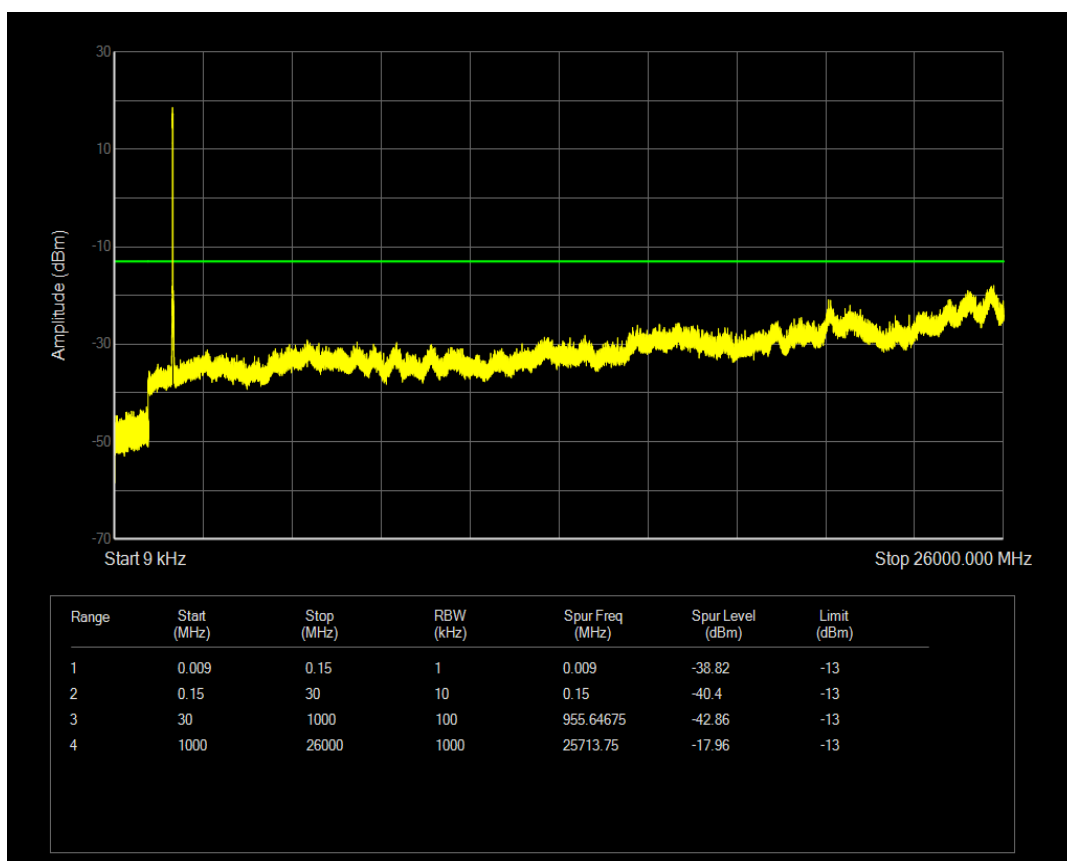


Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0

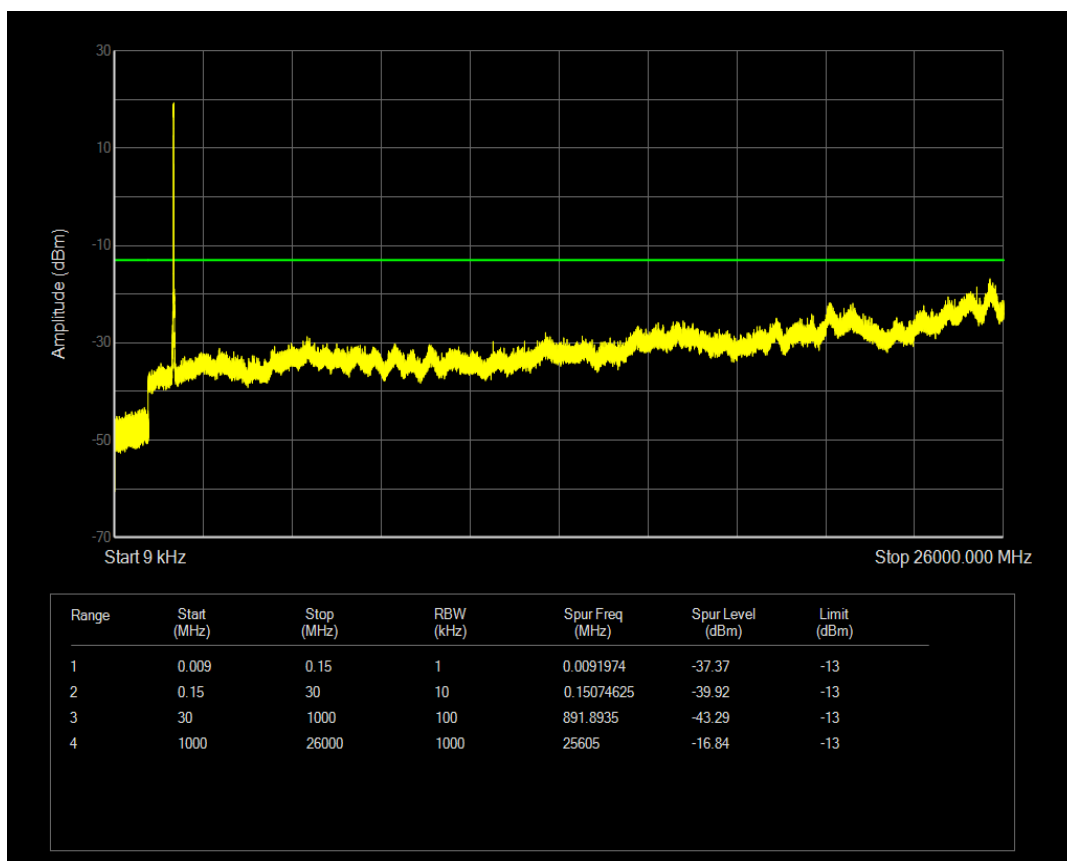


Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0



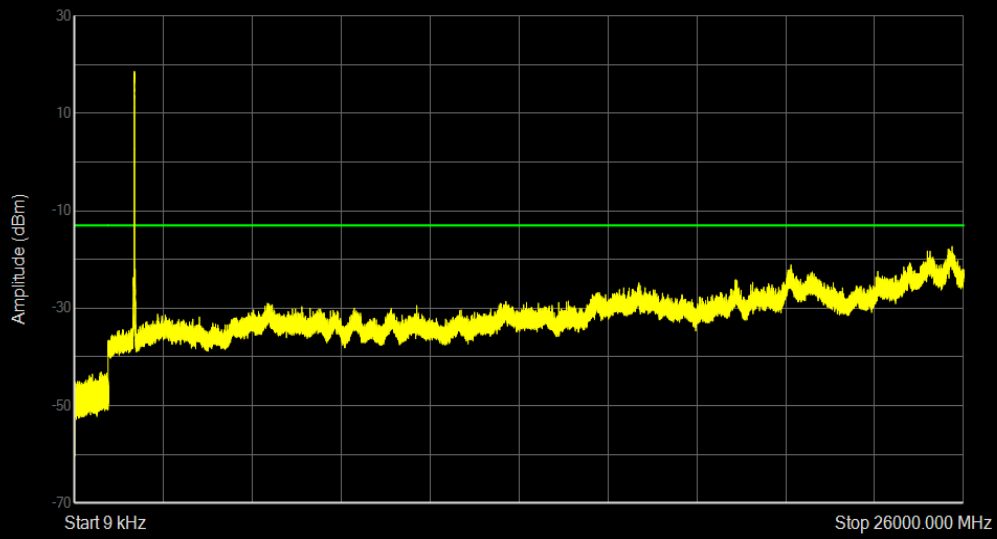


Band66 QPSK BW=20MHz Channel=132322 RB Size=100 Position=#0





Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010773075	-39.65	-13
2	0.15	30	10	0.15	-40.9	-13
3	30	1000	100	796.08175	-43.13	-13
4	1000	26000	1000	25665	-17.31	-13