

Appendix for Band 66

Report No.: BCTC2410177766-3E

Applicant: GEM ONE NV

Product Name: Onyx V4

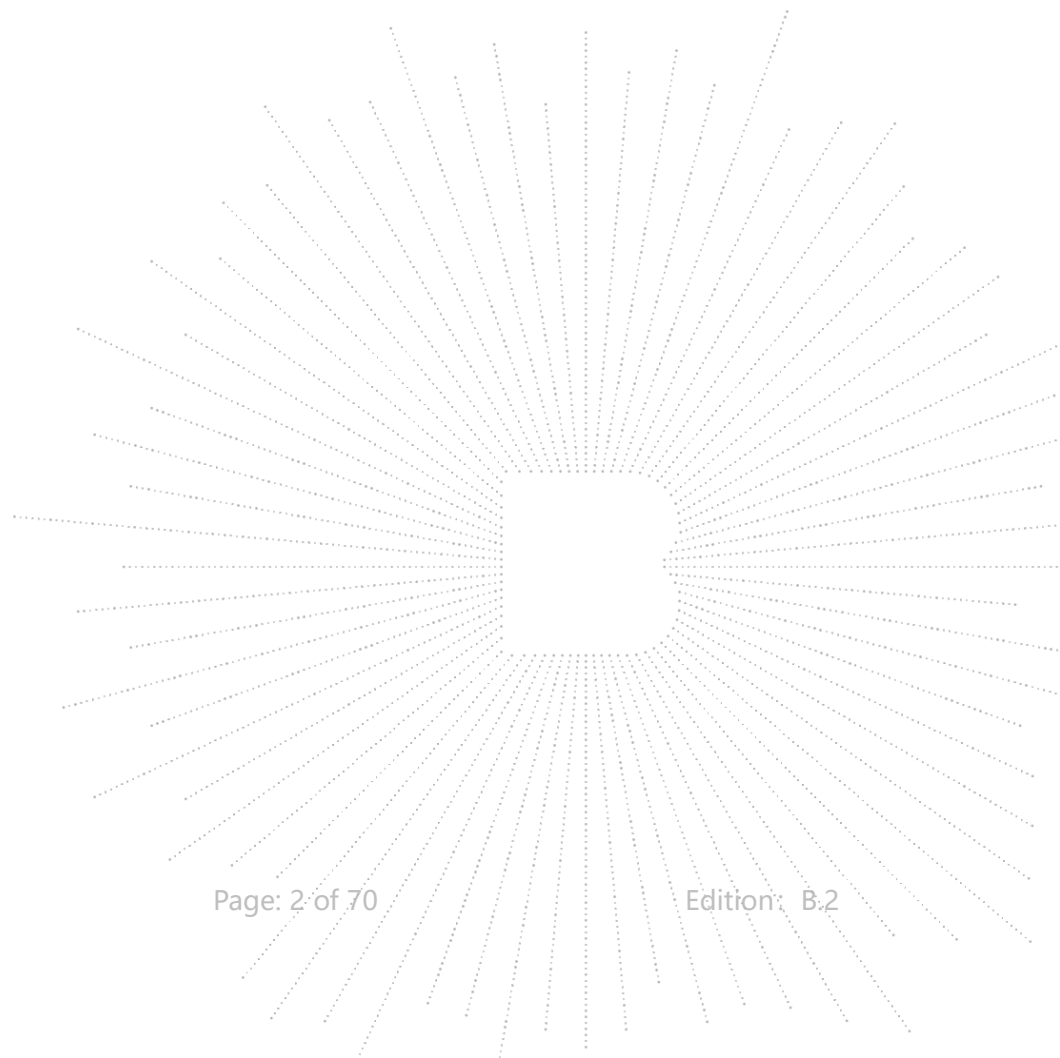
Test Model: Onyx V4

Tested Date: 2024-10-28 to 2024-11-11

Shenzhen BCTC Testing Co., Ltd.

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

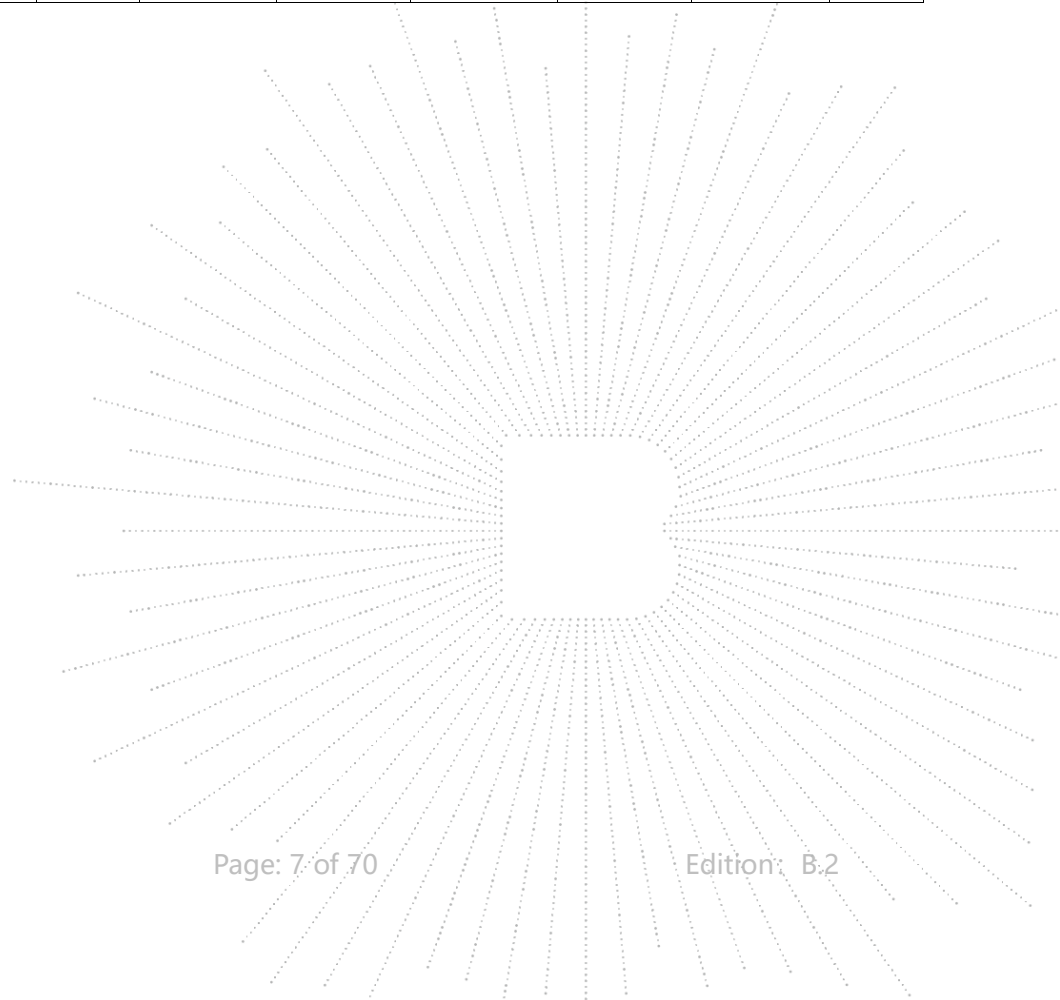
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band66	1.4	131979	1	#0	QPSK	23.43	3.12	26.55	PASS
Band66	1.4	131979	1	#Mid	QPSK	23.67	3.12	26.79	PASS
Band66	1.4	131979	1	#Max	QPSK	23.39	3.12	26.51	PASS
Band66	1.4	131979	3	#0	QPSK	23.59	3.12	26.71	PASS
Band66	1.4	131979	3	#Mid	QPSK	23.84	3.12	26.96	PASS
Band66	1.4	131979	3	#Max	QPSK	22.98	3.12	26.10	PASS
Band66	1.4	131979	6	#0	QPSK	21.86	3.12	24.98	PASS
Band66	1.4	131979	1	#0	16QAM	22.37	3.12	25.49	PASS
Band66	1.4	131979	1	#Mid	16QAM	22.53	3.12	25.65	PASS
Band66	1.4	131979	1	#Max	16QAM	22.44	3.12	25.56	PASS
Band66	1.4	131979	3	#0	16QAM	22.65	3.12	25.77	PASS
Band66	1.4	131979	3	#Mid	16QAM	22.88	3.12	26.00	PASS
Band66	1.4	131979	3	#Max	16QAM	22.01	3.12	25.13	PASS
Band66	1.4	131979	6	#0	16QAM	20.97	3.12	24.09	PASS
Band66	1.4	132322	1	#0	QPSK	23.66	3.12	26.78	PASS
Band66	1.4	132322	1	#Mid	QPSK	23.81	3.12	26.93	PASS
Band66	1.4	132322	1	#Max	QPSK	23.71	3.12	26.83	PASS
Band66	1.4	132322	3	#0	QPSK	23.95	3.12	27.07	PASS
Band66	1.4	132322	3	#Mid	QPSK	24.12	3.12	27.24	PASS
Band66	1.4	132322	3	#Max	QPSK	23.22	3.12	26.34	PASS
Band66	1.4	132322	6	#0	QPSK	22.10	3.12	25.22	PASS
Band66	1.4	132322	1	#0	16QAM	22.75	3.12	25.87	PASS
Band66	1.4	132322	1	#Mid	16QAM	22.81	3.12	25.93	PASS
Band66	1.4	132322	1	#Max	16QAM	22.93	3.12	26.05	PASS
Band66	1.4	132322	3	#0	16QAM	23.14	3.12	26.26	PASS
Band66	1.4	132322	3	#Mid	16QAM	23.34	3.12	26.46	PASS
Band66	1.4	132322	3	#Max	16QAM	22.31	3.12	25.43	PASS
Band66	1.4	132322	6	#0	16QAM	21.28	3.12	24.40	PASS
Band66	1.4	132665	1	#0	QPSK	23.87	3.12	26.99	PASS
Band66	1.4	132665	1	#Mid	QPSK	24.31	3.12	27.43	PASS
Band66	1.4	132665	1	#Max	QPSK	24.48	3.12	27.60	PASS
Band66	1.4	132665	3	#0	QPSK	24.13	3.12	27.25	PASS
Band66	1.4	132665	3	#Mid	QPSK	24.27	3.12	27.39	PASS
Band66	1.4	132665	3	#Max	QPSK	23.75	3.12	26.87	PASS
Band66	1.4	132665	6	#0	QPSK	22.89	3.12	26.01	PASS
Band66	1.4	132665	1	#0	16QAM	22.71	3.12	25.83	PASS

Band66	1.4	132665	1	#Mid	16QAM	23.12	3.12	26.24	PASS
Band66	1.4	132665	1	#Max	16QAM	23.24	3.12	26.36	PASS
Band66	1.4	132665	3	#0	16QAM	23.31	3.12	26.43	PASS
Band66	1.4	132665	3	#Mid	16QAM	23.48	3.12	26.60	PASS
Band66	1.4	132665	3	#Max	16QAM	23.01	3.12	26.13	PASS
Band66	1.4	132665	6	#0	16QAM	21.98	3.12	25.10	PASS
Band66	3	131987	1	#0	QPSK	23.40	3.12	26.52	PASS
Band66	3	131987	1	#Mid	QPSK	23.88	3.12	27.00	PASS
Band66	3	131987	1	#Max	QPSK	23.10	3.12	26.22	PASS
Band66	3	131987	8	#0	QPSK	22.00	3.12	25.12	PASS
Band66	3	131987	8	#Mid	QPSK	22.30	3.12	25.42	PASS
Band66	3	131987	8	#Max	QPSK	22.04	3.12	25.16	PASS
Band66	3	131987	15	#0	QPSK	22.00	3.12	25.12	PASS
Band66	3	131987	1	#0	16QAM	22.80	3.12	25.92	PASS
Band66	3	131987	1	#Mid	16QAM	23.17	3.12	26.29	PASS
Band66	3	131987	1	#Max	16QAM	22.55	3.12	25.67	PASS
Band66	3	131987	8	#0	16QAM	21.01	3.12	24.13	PASS
Band66	3	131987	8	#Mid	16QAM	21.30	3.12	24.42	PASS
Band66	3	131987	8	#Max	16QAM	21.02	3.12	24.14	PASS
Band66	3	131987	15	#0	16QAM	21.01	3.12	24.13	PASS
Band66	3	132322	1	#0	QPSK	23.87	3.12	26.99	PASS
Band66	3	132322	1	#Mid	QPSK	24.05	3.12	27.17	PASS
Band66	3	132322	1	#Max	QPSK	23.30	3.12	26.42	PASS
Band66	3	132322	8	#0	QPSK	22.21	3.12	25.33	PASS
Band66	3	132322	8	#Mid	QPSK	22.44	3.12	25.56	PASS
Band66	3	132322	8	#Max	QPSK	22.12	3.12	25.24	PASS
Band66	3	132322	15	#0	QPSK	22.16	3.12	25.28	PASS
Band66	3	132322	1	#0	16QAM	23.00	3.12	26.12	PASS
Band66	3	132322	1	#Mid	16QAM	23.09	3.12	26.21	PASS
Band66	3	132322	1	#Max	16QAM	22.54	3.12	25.66	PASS
Band66	3	132322	8	#0	16QAM	21.25	3.12	24.37	PASS
Band66	3	132322	8	#Mid	16QAM	21.46	3.12	24.58	PASS
Band66	3	132322	8	#Max	16QAM	21.09	3.12	24.21	PASS
Band66	3	132322	15	#0	16QAM	21.14	3.12	24.26	PASS
Band66	3	132657	1	#0	QPSK	24.35	3.12	27.47	PASS
Band66	3	132657	1	#Mid	QPSK	24.75	3.12	27.87	PASS
Band66	3	132657	1	#Max	QPSK	24.40	3.12	27.52	PASS
Band66	3	132657	8	#0	QPSK	23.11	3.12	26.23	PASS
Band66	3	132657	8	#Mid	QPSK	23.42	3.12	26.54	PASS
Band66	3	132657	8	#Max	QPSK	22.91	3.12	26.03	PASS
Band66	3	132657	15	#0	QPSK	23.00	3.12	26.12	PASS
Band66	3	132657	1	#0	16QAM	23.19	3.12	26.31	PASS
Band66	3	132657	1	#Mid	16QAM	23.58	3.12	26.70	PASS

Band66	3	132657	1	#Max	16QAM	23.14	3.12	26.26	PASS
Band66	3	132657	8	#0	16QAM	21.97	3.12	25.09	PASS
Band66	3	132657	8	#Mid	16QAM	22.21	3.12	25.33	PASS
Band66	3	132657	8	#Max	16QAM	21.86	3.12	24.98	PASS
Band66	3	132657	15	#0	16QAM	22.02	3.12	25.14	PASS
Band66	5	131997	1	#0	QPSK	23.45	3.12	26.57	PASS
Band66	5	131997	1	#Mid	QPSK	23.04	3.12	26.16	PASS
Band66	5	131997	1	#Max	QPSK	23.49	3.12	26.61	PASS
Band66	5	131997	12	#0	QPSK	22.39	3.12	25.51	PASS
Band66	5	131997	12	#Mid	QPSK	22.41	3.12	25.53	PASS
Band66	5	131997	12	#Max	QPSK	22.34	3.12	25.46	PASS
Band66	5	131997	25	#0	QPSK	21.99	3.12	25.11	PASS
Band66	5	131997	1	#0	16QAM	22.95	3.12	26.07	PASS
Band66	5	131997	1	#Mid	16QAM	22.48	3.12	25.60	PASS
Band66	5	131997	1	#Max	16QAM	23.01	3.12	26.13	PASS
Band66	5	131997	12	#0	16QAM	21.38	3.12	24.50	PASS
Band66	5	131997	12	#Mid	16QAM	21.43	3.12	24.55	PASS
Band66	5	131997	12	#Max	16QAM	21.37	3.12	24.49	PASS
Band66	5	131997	25	#0	16QAM	20.95	3.12	24.07	PASS
Band66	5	132322	1	#0	QPSK	23.75	3.12	26.87	PASS
Band66	5	132322	1	#Mid	QPSK	23.13	3.12	26.25	PASS
Band66	5	132322	1	#Max	QPSK	23.56	3.12	26.68	PASS
Band66	5	132322	12	#0	QPSK	22.61	3.12	25.73	PASS
Band66	5	132322	12	#Mid	QPSK	22.53	3.12	25.65	PASS
Band66	5	132322	12	#Max	QPSK	22.25	3.12	25.37	PASS
Band66	5	132322	25	#0	QPSK	22.11	3.12	25.23	PASS
Band66	5	132322	1	#0	16QAM	23.02	3.12	26.14	PASS
Band66	5	132322	1	#Mid	16QAM	22.37	3.12	25.49	PASS
Band66	5	132322	1	#Max	16QAM	22.98	3.12	26.10	PASS
Band66	5	132322	12	#0	16QAM	21.55	3.12	24.67	PASS
Band66	5	132322	12	#Mid	16QAM	21.50	3.12	24.62	PASS
Band66	5	132322	12	#Max	16QAM	21.22	3.12	24.34	PASS
Band66	5	132322	25	#0	16QAM	21.15	3.12	24.27	PASS
Band66	5	132647	1	#0	QPSK	24.37	3.12	27.49	PASS
Band66	5	132647	1	#Mid	QPSK	23.90	3.12	27.02	PASS
Band66	5	132647	1	#Max	QPSK	24.29	3.12	27.41	PASS
Band66	5	132647	12	#0	QPSK	23.64	3.12	26.76	PASS
Band66	5	132647	12	#Mid	QPSK	23.47	3.12	26.59	PASS
Band66	5	132647	12	#Max	QPSK	23.75	3.12	26.87	PASS
Band66	5	132647	25	#0	QPSK	23.08	3.12	26.20	PASS
Band66	5	132647	1	#0	16QAM	23.70	3.12	26.82	PASS
Band66	5	132647	1	#Mid	16QAM	23.27	3.12	26.39	PASS
Band66	5	132647	1	#Max	16QAM	23.64	3.12	26.76	PASS

Band66	5	132647	12	#0	16QAM	22.70	3.12	25.82	PASS
Band66	5	132647	12	#Mid	16QAM	22.56	3.12	25.68	PASS
Band66	5	132647	12	#Max	16QAM	22.81	3.12	25.93	PASS
Band66	5	132647	25	#0	16QAM	21.99	3.12	25.11	PASS
Band66	10	132022	1	#0	QPSK	23.48	3.12	26.60	PASS
Band66	10	132022	1	#Mid	QPSK	23.19	3.12	26.31	PASS
Band66	10	132022	1	#Max	QPSK	23.52	3.12	26.64	PASS
Band66	10	132022	25	#0	QPSK	22.42	3.12	25.54	PASS
Band66	10	132022	25	#Mid	QPSK	22.47	3.12	25.59	PASS
Band66	10	132022	25	#Max	QPSK	22.01	3.12	25.13	PASS
Band66	10	132022	50	#0	QPSK	22.05	3.12	25.17	PASS
Band66	10	132322	1	#0	QPSK	23.69	3.12	26.81	PASS
Band66	10	132322	1	#Mid	QPSK	23.44	3.12	26.56	PASS
Band66	10	132322	1	#Max	QPSK	23.24	3.12	26.36	PASS
Band66	10	132322	25	#0	QPSK	22.98	3.12	26.10	PASS
Band66	10	132322	25	#Mid	QPSK	22.83	3.12	25.95	PASS
Band66	10	132322	25	#Max	QPSK	22.70	3.12	25.82	PASS
Band66	10	132322	50	#0	QPSK	22.16	3.12	25.28	PASS
Band66	10	132622	1	#0	QPSK	24.55	3.12	27.67	PASS
Band66	10	132622	1	#Mid	QPSK	24.27	3.12	27.39	PASS
Band66	10	132622	1	#Max	QPSK	24.05	3.12	27.17	PASS
Band66	10	132622	25	#0	QPSK	23.75	3.12	26.87	PASS
Band66	10	132622	25	#Mid	QPSK	23.49	3.12	26.61	PASS
Band66	10	132622	25	#Max	QPSK	23.51	3.12	26.63	PASS
Band66	10	132622	50	#0	QPSK	23.05	3.12	26.17	PASS
Band66	15	132047	1	#0	QPSK	23.30	3.12	26.42	PASS
Band66	15	132047	1	#Mid	QPSK	22.95	3.12	26.07	PASS
Band66	15	132047	1	#Max	QPSK	23.83	3.12	26.95	PASS
Band66	15	132047	36	#0	QPSK	22.07	3.12	25.19	PASS
Band66	15	132047	36	#Mid	QPSK	22.31	3.12	25.43	PASS
Band66	15	132047	36	#Max	QPSK	22.78	3.12	25.90	PASS
Band66	15	132047	75	#0	QPSK	21.94	3.12	25.06	PASS
Band66	15	132322	1	#0	QPSK	23.79	3.12	26.91	PASS
Band66	15	132322	1	#Mid	QPSK	23.20	3.12	26.32	PASS
Band66	15	132322	1	#Max	QPSK	23.56	3.12	26.68	PASS
Band66	15	132322	36	#0	QPSK	22.69	3.12	25.81	PASS
Band66	15	132322	36	#Mid	QPSK	22.55	3.12	25.67	PASS
Band66	15	132322	36	#Max	QPSK	22.47	3.12	25.59	PASS
Band66	15	132322	75	#0	QPSK	22.16	3.12	25.28	PASS
Band66	15	132597	1	#0	QPSK	24.13	3.12	27.25	PASS
Band66	15	132597	1	#Mid	QPSK	23.93	3.12	27.05	PASS
Band66	15	132597	1	#Max	QPSK	23.80	3.12	26.92	PASS
Band66	15	132597	36	#0	QPSK	23.77	3.12	26.89	PASS

Band66	15	132597	36	#Mid	QPSK	23.65	3.12	26.77	PASS
Band66	15	132597	36	#Max	QPSK	23.56	3.12	26.68	PASS
Band66	15	132597	75	#0	QPSK	22.72	3.12	25.84	PASS
Band66	20	132072	1	#0	QPSK	23.33	3.12	26.45	PASS
Band66	20	132072	1	#Mid	QPSK	23.46	3.12	26.58	PASS
Band66	20	132072	1	#Max	QPSK	24.13	3.12	27.25	PASS
Band66	20	132072	50	#0	QPSK	22.39	3.12	25.51	PASS
Band66	20	132072	50	#Mid	QPSK	22.72	3.12	25.84	PASS
Band66	20	132072	50	#Max	QPSK	22.69	3.12	25.81	PASS
Band66	20	132072	100	#0	QPSK	21.97	3.12	25.09	PASS
Band66	20	132322	1	#0	QPSK	23.88	3.12	27.00	PASS
Band66	20	132322	1	#Mid	QPSK	23.48	3.12	26.60	PASS
Band66	20	132322	1	#Max	QPSK	23.53	3.12	26.65	PASS
Band66	20	132322	50	#0	QPSK	23.04	3.12	26.16	PASS
Band66	20	132322	50	#Mid	QPSK	22.82	3.12	25.94	PASS
Band66	20	132322	50	#Max	QPSK	23.17	3.12	26.29	PASS
Band66	20	132322	100	#0	QPSK	22.05	3.12	25.17	PASS
Band66	20	132572	1	#0	QPSK	23.58	3.12	26.70	PASS
Band66	20	132572	1	#Mid	QPSK	23.68	3.12	26.80	PASS
Band66	20	132572	1	#Max	QPSK	23.32	3.12	26.44	PASS
Band66	20	132572	50	#0	QPSK	22.89	3.12	26.01	PASS
Band66	20	132572	50	#Mid	QPSK	22.95	3.12	26.07	PASS
Band66	20	132572	50	#Max	QPSK	23.31	3.12	26.43	PASS
Band66	20	132572	100	#0	QPSK	22.08	3.12	25.20	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	-9.17	-0.005	PASS
Band66	1.4	131979	6	#0	QPSK	NV	NT	-4.53	-0.003	PASS
Band66	1.4	131979	6	#0	QPSK	HV	NT	1.87	0.001	PASS
Band66	1.4	131979	6	#0	16QAM	LV	NT	4.06	0.002	PASS
Band66	1.4	131979	6	#0	16QAM	NV	NT	4.66	0.003	PASS
Band66	1.4	131979	6	#0	16QAM	HV	NT	4.49	0.003	PASS
Band66	1.4	132322	6	#0	QPSK	LV	NT	-4.92	-0.003	PASS
Band66	1.4	132322	6	#0	QPSK	NV	NT	-3.36	-0.002	PASS
Band66	1.4	132322	6	#0	QPSK	HV	NT	-1.82	-0.001	PASS
Band66	1.4	132322	6	#0	16QAM	LV	NT	5.16	0.003	PASS
Band66	1.4	132322	6	#0	16QAM	NV	NT	6.78	0.004	PASS
Band66	1.4	132322	6	#0	16QAM	HV	NT	6.28	0.004	PASS
Band66	1.4	132665	6	#0	QPSK	LV	NT	-8.38	-0.005	PASS
Band66	1.4	132665	6	#0	QPSK	NV	NT	-5.51	-0.003	PASS
Band66	1.4	132665	6	#0	QPSK	HV	NT	0.43	0.000	PASS
Band66	1.4	132665	6	#0	16QAM	LV	NT	4.56	0.003	PASS
Band66	1.4	132665	6	#0	16QAM	NV	NT	5.25	0.003	PASS
Band66	1.4	132665	6	#0	16QAM	HV	NT	1.02	0.001	PASS
Band66	3	131987	15	#0	QPSK	LV	NT	-12.07	-0.007	PASS
Band66	3	131987	15	#0	QPSK	NV	NT	-5.21	-0.003	PASS
Band66	3	131987	15	#0	QPSK	HV	NT	1.49	0.001	PASS
Band66	3	131987	15	#0	16QAM	LV	NT	5.41	0.003	PASS
Band66	3	131987	15	#0	16QAM	NV	NT	5.36	0.003	PASS
Band66	3	131987	15	#0	16QAM	HV	NT	3.92	0.002	PASS
Band66	3	132322	15	#0	QPSK	LV	NT	-4.62	-0.003	PASS
Band66	3	132322	15	#0	QPSK	NV	NT	-4.73	-0.003	PASS
Band66	3	132322	15	#0	QPSK	HV	NT	-0.79	0.000	PASS
Band66	3	132322	15	#0	16QAM	LV	NT	2.50	0.001	PASS
Band66	3	132322	15	#0	16QAM	NV	NT	1.76	0.001	PASS
Band66	3	132322	15	#0	16QAM	HV	NT	3.68	0.002	PASS
Band66	3	132657	15	#0	QPSK	LV	NT	-4.99	-0.003	PASS
Band66	3	132657	15	#0	QPSK	NV	NT	2.86	0.002	PASS
Band66	3	132657	15	#0	QPSK	HV	NT	3.89	0.002	PASS
Band66	3	132657	15	#0	16QAM	LV	NT	6.98	0.004	PASS
Band66	3	132657	15	#0	16QAM	NV	NT	6.58	0.004	PASS
Band66	3	132657	15	#0	16QAM	HV	NT	2.63	0.001	PASS
Band66	5	131997	25	#0	QPSK	LV	NT	-11.66	-0.007	PASS
Band66	5	131997	25	#0	QPSK	NV	NT	-2.65	-0.002	PASS

Band66	5	131997	25	#0	QPSK	HV	NT	3.62	0.002	PASS
Band66	5	131997	25	#0	16QAM	LV	NT	5.14	0.003	PASS
Band66	5	131997	25	#0	16QAM	NV	NT	4.03	0.002	PASS
Band66	5	131997	25	#0	16QAM	HV	NT	4.81	0.003	PASS
Band66	5	132322	25	#0	QPSK	LV	NT	-5.54	-0.003	PASS
Band66	5	132322	25	#0	QPSK	NV	NT	-5.05	-0.003	PASS
Band66	5	132322	25	#0	QPSK	HV	NT	3.89	0.002	PASS
Band66	5	132322	25	#0	16QAM	LV	NT	6.37	0.004	PASS
Band66	5	132322	25	#0	16QAM	NV	NT	4.62	0.003	PASS
Band66	5	132322	25	#0	16QAM	HV	NT	4.68	0.003	PASS
Band66	5	132647	25	#0	QPSK	LV	NT	-6.55	-0.004	PASS
Band66	5	132647	25	#0	QPSK	NV	NT	-0.04	0.000	PASS
Band66	5	132647	25	#0	QPSK	HV	NT	5.48	0.003	PASS
Band66	5	132647	25	#0	16QAM	LV	NT	5.61	0.003	PASS
Band66	5	132647	25	#0	16QAM	NV	NT	5.97	0.003	PASS
Band66	5	132647	25	#0	16QAM	HV	NT	2.47	0.001	PASS
Band66	10	132022	50	#0	QPSK	LV	NT	-9.01	-0.005	PASS
Band66	10	132022	50	#0	QPSK	NV	NT	-0.10	0.000	PASS
Band66	10	132022	50	#0	QPSK	HV	NT	5.64	0.003	PASS
Band66	10	132322	50	#0	QPSK	LV	NT	1.75	0.001	PASS
Band66	10	132322	50	#0	QPSK	NV	NT	3.68	0.002	PASS
Band66	10	132322	50	#0	QPSK	HV	NT	2.98	0.002	PASS
Band66	10	132622	50	#0	QPSK	LV	NT	4.55	0.003	PASS
Band66	10	132622	50	#0	QPSK	NV	NT	5.25	0.003	PASS
Band66	10	132622	50	#0	QPSK	HV	NT	5.69	0.003	PASS
Band66	15	132047	75	#0	QPSK	LV	NT	-8.96	-0.005	PASS
Band66	15	132047	75	#0	QPSK	NV	NT	2.93	0.002	PASS
Band66	15	132047	75	#0	QPSK	HV	NT	2.37	0.001	PASS
Band66	15	132322	75	#0	QPSK	LV	NT	-2.80	-0.002	PASS
Band66	15	132322	75	#0	QPSK	NV	NT	4.36	0.002	PASS
Band66	15	132322	75	#0	QPSK	HV	NT	4.48	0.003	PASS
Band66	15	132597	75	#0	QPSK	LV	NT	-6.35	-0.004	PASS
Band66	15	132597	75	#0	QPSK	NV	NT	4.42	0.002	PASS
Band66	15	132597	75	#0	QPSK	HV	NT	3.72	0.002	PASS
Band66	20	132072	100	#0	QPSK	LV	NT	-7.98	-0.005	PASS
Band66	20	132072	100	#0	QPSK	NV	NT	4.43	0.003	PASS
Band66	20	132072	100	#0	QPSK	HV	NT	3.88	0.002	PASS
Band66	20	132322	100	#0	QPSK	LV	NT	-3.19	-0.002	PASS
Band66	20	132322	100	#0	QPSK	NV	NT	3.13	0.002	PASS
Band66	20	132322	100	#0	QPSK	HV	NT	2.13	0.001	PASS
Band66	20	132572	100	#0	QPSK	LV	NT	-1.26	-0.001	PASS
Band66	20	132572	100	#0	QPSK	NV	NT	3.12	0.002	PASS
Band66	20	132572	100	#0	QPSK	HV	NT	2.35	0.001	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band66	1.4	131979	6	#0	QPSK	NV	-30	-6.52	-0.004	PASS
Band66	1.4	131979	6	#0	QPSK	NV	-20	-7.28	-0.004	PASS
Band66	1.4	131979	6	#0	QPSK	NV	-10	-1.93	-0.001	PASS
Band66	1.4	131979	6	#0	QPSK	NV	0	3.18	0.002	PASS
Band66	1.4	131979	6	#0	QPSK	NV	10	3.60	0.002	PASS
Band66	1.4	131979	6	#0	QPSK	NV	20	4.19	0.002	PASS
Band66	1.4	131979	6	#0	QPSK	NV	30	6.07	0.004	PASS
Band66	1.4	131979	6	#0	QPSK	NV	40	0.09	0.000	PASS
Band66	1.4	131979	6	#0	QPSK	NV	50	3.15	0.002	PASS
Band66	1.4	131979	6	#0	16QAM	NV	-30	-0.29	0.000	PASS
Band66	1.4	131979	6	#0	16QAM	NV	-20	2.59	0.002	PASS
Band66	1.4	131979	6	#0	16QAM	NV	-10	1.83	0.001	PASS
Band66	1.4	131979	6	#0	16QAM	NV	0	0.54	0.000	PASS
Band66	1.4	131979	6	#0	16QAM	NV	10	3.50	0.002	PASS
Band66	1.4	131979	6	#0	16QAM	NV	20	0.10	0.000	PASS
Band66	1.4	131979	6	#0	16QAM	NV	30	3.89	0.002	PASS
Band66	1.4	131979	6	#0	16QAM	NV	40	-0.99	-0.001	PASS
Band66	1.4	131979	6	#0	16QAM	NV	50	3.33	0.002	PASS
Band66	1.4	132322	6	#0	QPSK	NV	-30	-7.65	-0.004	PASS
Band66	1.4	132322	6	#0	QPSK	NV	-20	-4.52	-0.003	PASS
Band66	1.4	132322	6	#0	QPSK	NV	-10	-4.03	-0.002	PASS
Band66	1.4	132322	6	#0	QPSK	NV	0	-1.60	-0.001	PASS
Band66	1.4	132322	6	#0	QPSK	NV	10	-1.40	-0.001	PASS
Band66	1.4	132322	6	#0	QPSK	NV	20	0.11	0.000	PASS
Band66	1.4	132322	6	#0	QPSK	NV	30	1.72	0.001	PASS
Band66	1.4	132322	6	#0	QPSK	NV	40	3.65	0.002	PASS
Band66	1.4	132322	6	#0	QPSK	NV	50	4.15	0.002	PASS
Band66	1.4	132322	6	#0	16QAM	NV	-30	1.44	0.001	PASS
Band66	1.4	132322	6	#0	16QAM	NV	-20	2.45	0.001	PASS
Band66	1.4	132322	6	#0	16QAM	NV	-10	2.53	0.001	PASS
Band66	1.4	132322	6	#0	16QAM	NV	0	-0.90	-0.001	PASS
Band66	1.4	132322	6	#0	16QAM	NV	10	-0.46	0.000	PASS
Band66	1.4	132322	6	#0	16QAM	NV	20	-0.84	0.000	PASS
Band66	1.4	132322	6	#0	16QAM	NV	30	0.26	0.000	PASS
Band66	1.4	132322	6	#0	16QAM	NV	40	-1.27	-0.001	PASS
Band66	1.4	132322	6	#0	16QAM	NV	50	-1.89	-0.001	PASS
Band66	1.4	132665	6	#0	QPSK	NV	-30	-6.58	-0.004	PASS
Band66	1.4	132665	6	#0	QPSK	NV	-20	-6.18	-0.003	PASS
Band66	1.4	132665	6	#0	QPSK	NV	-10	-4.79	-0.003	PASS
Band66	1.4	132665	6	#0	QPSK	NV	0	-4.76	-0.003	PASS

Band66	1.4	132665	6	#0	QPSK	NV	10	-3.66	-0.002	PASS
Band66	1.4	132665	6	#0	QPSK	NV	20	-3.48	-0.002	PASS
Band66	1.4	132665	6	#0	QPSK	NV	30	-3.45	-0.002	PASS
Band66	1.4	132665	6	#0	QPSK	NV	40	-0.20	0.000	PASS
Band66	1.4	132665	6	#0	QPSK	NV	50	-2.85	-0.002	PASS
Band66	1.4	132665	6	#0	16QAM	NV	-30	0.90	0.001	PASS
Band66	1.4	132665	6	#0	16QAM	NV	-20	3.13	0.002	PASS
Band66	1.4	132665	6	#0	16QAM	NV	-10	-2.93	-0.002	PASS
Band66	1.4	132665	6	#0	16QAM	NV	0	-3.96	-0.002	PASS
Band66	1.4	132665	6	#0	16QAM	NV	10	-2.52	-0.001	PASS
Band66	1.4	132665	6	#0	16QAM	NV	20	-2.72	-0.002	PASS
Band66	1.4	132665	6	#0	16QAM	NV	30	-1.87	-0.001	PASS
Band66	1.4	132665	6	#0	16QAM	NV	40	-3.28	-0.002	PASS
Band66	1.4	132665	6	#0	16QAM	NV	50	-3.93	-0.002	PASS
Band66	3	131987	15	#0	QPSK	NV	-30	-6.78	-0.004	PASS
Band66	3	131987	15	#0	QPSK	NV	-20	-5.94	-0.003	PASS
Band66	3	131987	15	#0	QPSK	NV	-10	2.30	0.001	PASS
Band66	3	131987	15	#0	QPSK	NV	0	4.26	0.002	PASS
Band66	3	131987	15	#0	QPSK	NV	10	3.09	0.002	PASS
Band66	3	131987	15	#0	QPSK	NV	20	3.36	0.002	PASS
Band66	3	131987	15	#0	QPSK	NV	30	4.86	0.003	PASS
Band66	3	131987	15	#0	QPSK	NV	40	4.65	0.003	PASS
Band66	3	131987	15	#0	QPSK	NV	50	4.28	0.003	PASS
Band66	3	131987	15	#0	16QAM	NV	-30	2.26	0.001	PASS
Band66	3	131987	15	#0	16QAM	NV	-20	3.55	0.002	PASS
Band66	3	131987	15	#0	16QAM	NV	-10	2.13	0.001	PASS
Band66	3	131987	15	#0	16QAM	NV	0	0.57	0.000	PASS
Band66	3	131987	15	#0	16QAM	NV	10	1.53	0.001	PASS
Band66	3	131987	15	#0	16QAM	NV	20	1.06	0.001	PASS
Band66	3	131987	15	#0	16QAM	NV	30	1.23	0.001	PASS
Band66	3	131987	15	#0	16QAM	NV	40	0.06	0.000	PASS
Band66	3	131987	15	#0	16QAM	NV	50	0.94	0.001	PASS
Band66	3	132322	15	#0	QPSK	NV	-30	-4.25	-0.002	PASS
Band66	3	132322	15	#0	QPSK	NV	-20	-0.03	0.000	PASS
Band66	3	132322	15	#0	QPSK	NV	-10	2.32	0.001	PASS
Band66	3	132322	15	#0	QPSK	NV	0	4.56	0.003	PASS
Band66	3	132322	15	#0	QPSK	NV	10	2.66	0.002	PASS
Band66	3	132322	15	#0	QPSK	NV	20	4.73	0.003	PASS
Band66	3	132322	15	#0	QPSK	NV	30	3.95	0.002	PASS
Band66	3	132322	15	#0	QPSK	NV	40	5.66	0.003	PASS
Band66	3	132322	15	#0	QPSK	NV	50	0.10	0.000	PASS
Band66	3	132322	15	#0	16QAM	NV	-30	4.26	0.002	PASS
Band66	3	132322	15	#0	16QAM	NV	-20	0.72	0.000	PASS

Band66	3	132322	15	#0	16QAM	NV	-10	0.79	0.000	PASS
Band66	3	132322	15	#0	16QAM	NV	0	-4.98	-0.003	PASS
Band66	3	132322	15	#0	16QAM	NV	10	-2.22	-0.001	PASS
Band66	3	132322	15	#0	16QAM	NV	20	-3.89	-0.002	PASS
Band66	3	132322	15	#0	16QAM	NV	30	-1.62	-0.001	PASS
Band66	3	132322	15	#0	16QAM	NV	40	-5.04	-0.003	PASS
Band66	3	132322	15	#0	16QAM	NV	50	-4.79	-0.003	PASS
Band66	3	132657	15	#0	QPSK	NV	-30	-5.06	-0.003	PASS
Band66	3	132657	15	#0	QPSK	NV	-20	2.00	0.001	PASS
Band66	3	132657	15	#0	QPSK	NV	-10	2.82	0.002	PASS
Band66	3	132657	15	#0	QPSK	NV	0	-1.89	-0.001	PASS
Band66	3	132657	15	#0	QPSK	NV	10	-5.31	-0.003	PASS
Band66	3	132657	15	#0	QPSK	NV	20	-6.21	-0.003	PASS
Band66	3	132657	15	#0	QPSK	NV	30	-5.48	-0.003	PASS
Band66	3	132657	15	#0	QPSK	NV	40	-3.30	-0.002	PASS
Band66	3	132657	15	#0	QPSK	NV	50	-4.48	-0.003	PASS
Band66	3	132657	15	#0	16QAM	NV	-30	-0.97	-0.001	PASS
Band66	3	132657	15	#0	16QAM	NV	-20	2.29	0.001	PASS
Band66	3	132657	15	#0	16QAM	NV	-10	-3.43	-0.002	PASS
Band66	3	132657	15	#0	16QAM	NV	0	-4.48	-0.003	PASS
Band66	3	132657	15	#0	16QAM	NV	10	-1.42	-0.001	PASS
Band66	3	132657	15	#0	16QAM	NV	20	-0.97	-0.001	PASS
Band66	3	132657	15	#0	16QAM	NV	30	-3.28	-0.002	PASS
Band66	3	132657	15	#0	16QAM	NV	40	-3.12	-0.002	PASS
Band66	3	132657	15	#0	16QAM	NV	50	-1.20	-0.001	PASS
Band66	5	131997	25	#0	QPSK	NV	-30	-8.80	-0.005	PASS
Band66	5	131997	25	#0	QPSK	NV	-20	-0.24	0.000	PASS
Band66	5	131997	25	#0	QPSK	NV	-10	3.86	0.002	PASS
Band66	5	131997	25	#0	QPSK	NV	0	4.56	0.003	PASS
Band66	5	131997	25	#0	QPSK	NV	10	3.22	0.002	PASS
Band66	5	131997	25	#0	QPSK	NV	20	2.82	0.002	PASS
Band66	5	131997	25	#0	QPSK	NV	30	3.08	0.002	PASS
Band66	5	131997	25	#0	QPSK	NV	40	1.82	0.001	PASS
Band66	5	131997	25	#0	QPSK	NV	50	2.46	0.001	PASS
Band66	5	131997	25	#0	16QAM	NV	-30	2.26	0.001	PASS
Band66	5	131997	25	#0	16QAM	NV	-20	2.13	0.001	PASS
Band66	5	131997	25	#0	16QAM	NV	-10	0.60	0.000	PASS
Band66	5	131997	25	#0	16QAM	NV	0	-2.23	-0.001	PASS
Band66	5	131997	25	#0	16QAM	NV	10	-3.69	-0.002	PASS
Band66	5	131997	25	#0	16QAM	NV	20	-3.16	-0.002	PASS
Band66	5	131997	25	#0	16QAM	NV	30	-4.53	-0.003	PASS
Band66	5	131997	25	#0	16QAM	NV	40	-7.85	-0.005	PASS
Band66	5	131997	25	#0	16QAM	NV	50	-6.14	-0.004	PASS

Band66	5	132322	25	#0	QPSK	NV	-30	-7.24	-0.004	PASS
Band66	5	132322	25	#0	QPSK	NV	-20	-5.95	-0.003	PASS
Band66	5	132322	25	#0	QPSK	NV	-10	0.54	0.000	PASS
Band66	5	132322	25	#0	QPSK	NV	0	4.72	0.003	PASS
Band66	5	132322	25	#0	QPSK	NV	10	3.32	0.002	PASS
Band66	5	132322	25	#0	QPSK	NV	20	4.51	0.003	PASS
Band66	5	132322	25	#0	QPSK	NV	30	2.98	0.002	PASS
Band66	5	132322	25	#0	QPSK	NV	40	2.68	0.002	PASS
Band66	5	132322	25	#0	QPSK	NV	50	3.28	0.002	PASS
Band66	5	132322	25	#0	16QAM	NV	-30	6.52	0.004	PASS
Band66	5	132322	25	#0	16QAM	NV	-20	4.58	0.003	PASS
Band66	5	132322	25	#0	16QAM	NV	-10	2.80	0.002	PASS
Band66	5	132322	25	#0	16QAM	NV	0	2.16	0.001	PASS
Band66	5	132322	25	#0	16QAM	NV	10	2.73	0.002	PASS
Band66	5	132322	25	#0	16QAM	NV	20	3.10	0.002	PASS
Band66	5	132322	25	#0	16QAM	NV	30	4.21	0.002	PASS
Band66	5	132322	25	#0	16QAM	NV	40	2.80	0.002	PASS
Band66	5	132322	25	#0	16QAM	NV	50	1.87	0.001	PASS
Band66	5	132647	25	#0	QPSK	NV	-30	-7.64	-0.004	PASS
Band66	5	132647	25	#0	QPSK	NV	-20	-4.11	-0.002	PASS
Band66	5	132647	25	#0	QPSK	NV	-10	3.32	0.002	PASS
Band66	5	132647	25	#0	QPSK	NV	0	3.69	0.002	PASS
Band66	5	132647	25	#0	QPSK	NV	10	2.86	0.002	PASS
Band66	5	132647	25	#0	QPSK	NV	20	4.23	0.002	PASS
Band66	5	132647	25	#0	QPSK	NV	30	1.80	0.001	PASS
Band66	5	132647	25	#0	QPSK	NV	40	-3.65	-0.002	PASS
Band66	5	132647	25	#0	QPSK	NV	50	-4.12	-0.002	PASS
Band66	5	132647	25	#0	16QAM	NV	-30	-0.90	-0.001	PASS
Band66	5	132647	25	#0	16QAM	NV	-20	1.59	0.001	PASS
Band66	5	132647	25	#0	16QAM	NV	-10	-3.60	-0.002	PASS
Band66	5	132647	25	#0	16QAM	NV	0	-4.86	-0.003	PASS
Band66	5	132647	25	#0	16QAM	NV	10	-3.73	-0.002	PASS
Band66	5	132647	25	#0	16QAM	NV	20	-2.25	-0.001	PASS
Band66	5	132647	25	#0	16QAM	NV	30	-0.04	0.000	PASS
Band66	5	132647	25	#0	16QAM	NV	40	-1.75	-0.001	PASS
Band66	5	132647	25	#0	16QAM	NV	50	-2.99	-0.002	PASS
Band66	10	132022	50	#0	QPSK	NV	-30	-9.54	-0.006	PASS
Band66	10	132022	50	#0	QPSK	NV	-20	-3.42	-0.002	PASS
Band66	10	132022	50	#0	QPSK	NV	-10	4.03	0.002	PASS
Band66	10	132022	50	#0	QPSK	NV	0	4.59	0.003	PASS
Band66	10	132022	50	#0	QPSK	NV	10	3.83	0.002	PASS
Band66	10	132022	50	#0	QPSK	NV	20	6.28	0.004	PASS
Band66	10	132022	50	#0	QPSK	NV	30	3.73	0.002	PASS

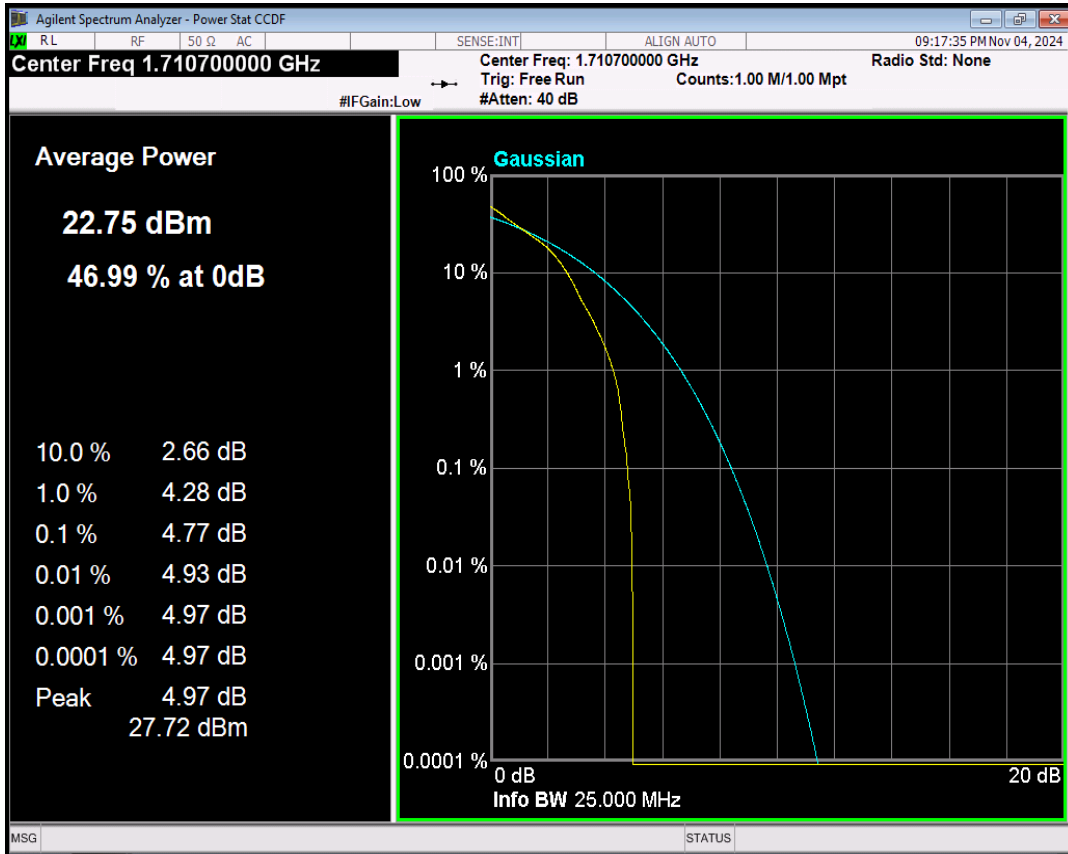
Band66	10	132022	50	#0	QPSK	NV	40	2.63	0.002	PASS
Band66	10	132022	50	#0	QPSK	NV	50	3.86	0.002	PASS
Band66	10	132322	50	#0	QPSK	NV	-30	-5.79	-0.003	PASS
Band66	10	132322	50	#0	QPSK	NV	-20	-2.63	-0.002	PASS
Band66	10	132322	50	#0	QPSK	NV	-10	4.63	0.003	PASS
Band66	10	132322	50	#0	QPSK	NV	0	5.24	0.003	PASS
Band66	10	132322	50	#0	QPSK	NV	10	3.10	0.002	PASS
Band66	10	132322	50	#0	QPSK	NV	20	4.85	0.003	PASS
Band66	10	132322	50	#0	QPSK	NV	30	4.78	0.003	PASS
Band66	10	132322	50	#0	QPSK	NV	40	2.76	0.002	PASS
Band66	10	132322	50	#0	QPSK	NV	50	3.10	0.002	PASS
Band66	10	132622	50	#0	QPSK	NV	-30	-6.47	-0.004	PASS
Band66	10	132622	50	#0	QPSK	NV	-20	3.36	0.002	PASS
Band66	10	132622	50	#0	QPSK	NV	-10	-1.39	-0.001	PASS
Band66	10	132622	50	#0	QPSK	NV	0	-5.36	-0.003	PASS
Band66	10	132622	50	#0	QPSK	NV	10	-4.66	-0.003	PASS
Band66	10	132622	50	#0	QPSK	NV	20	-4.31	-0.002	PASS
Band66	10	132622	50	#0	QPSK	NV	30	-2.56	-0.001	PASS
Band66	10	132622	50	#0	QPSK	NV	40	-6.47	-0.004	PASS
Band66	10	132622	50	#0	QPSK	NV	50	-4.81	-0.003	PASS
Band66	15	132047	75	#0	QPSK	NV	-30	-11.03	-0.006	PASS
Band66	15	132047	75	#0	QPSK	NV	-20	-0.43	0.000	PASS
Band66	15	132047	75	#0	QPSK	NV	-10	2.35	0.001	PASS
Band66	15	132047	75	#0	QPSK	NV	0	3.12	0.002	PASS
Band66	15	132047	75	#0	QPSK	NV	10	0.77	0.000	PASS
Band66	15	132047	75	#0	QPSK	NV	20	0.69	0.000	PASS
Band66	15	132047	75	#0	QPSK	NV	30	2.22	0.001	PASS
Band66	15	132047	75	#0	QPSK	NV	40	2.72	0.002	PASS
Band66	15	132047	75	#0	QPSK	NV	50	3.53	0.002	PASS
Band66	15	132322	75	#0	QPSK	NV	-30	-3.26	-0.002	PASS
Band66	15	132322	75	#0	QPSK	NV	-20	0.69	0.000	PASS
Band66	15	132322	75	#0	QPSK	NV	-10	5.22	0.003	PASS
Band66	15	132322	75	#0	QPSK	NV	0	3.23	0.002	PASS
Band66	15	132322	75	#0	QPSK	NV	10	3.26	0.002	PASS
Band66	15	132322	75	#0	QPSK	NV	20	2.60	0.001	PASS
Band66	15	132322	75	#0	QPSK	NV	30	3.03	0.002	PASS
Band66	15	132322	75	#0	QPSK	NV	40	4.53	0.003	PASS
Band66	15	132322	75	#0	QPSK	NV	50	3.50	0.002	PASS
Band66	15	132597	75	#0	QPSK	NV	-30	-5.89	-0.003	PASS
Band66	15	132597	75	#0	QPSK	NV	-20	1.04	0.001	PASS
Band66	15	132597	75	#0	QPSK	NV	-10	2.92	0.002	PASS
Band66	15	132597	75	#0	QPSK	NV	0	2.35	0.001	PASS
Band66	15	132597	75	#0	QPSK	NV	10	2.96	0.002	PASS

Band66	15	132597	75	#0	QPSK	NV	20	2.46	0.001	PASS
Band66	15	132597	75	#0	QPSK	NV	30	3.68	0.002	PASS
Band66	15	132597	75	#0	QPSK	NV	40	2.86	0.002	PASS
Band66	15	132597	75	#0	QPSK	NV	50	3.03	0.002	PASS
Band66	20	132072	100	#0	QPSK	NV	-30	-0.09	0.000	PASS
Band66	20	132072	100	#0	QPSK	NV	-20	5.66	0.003	PASS
Band66	20	132072	100	#0	QPSK	NV	-10	2.46	0.001	PASS
Band66	20	132072	100	#0	QPSK	NV	0	3.23	0.002	PASS
Band66	20	132072	100	#0	QPSK	NV	10	3.15	0.002	PASS
Band66	20	132072	100	#0	QPSK	NV	20	2.99	0.002	PASS
Band66	20	132072	100	#0	QPSK	NV	30	2.55	0.001	PASS
Band66	20	132072	100	#0	QPSK	NV	40	2.55	0.001	PASS
Band66	20	132072	100	#0	QPSK	NV	50	3.82	0.002	PASS
Band66	20	132322	100	#0	QPSK	NV	-30	-5.66	-0.003	PASS
Band66	20	132322	100	#0	QPSK	NV	-20	3.18	0.002	PASS
Band66	20	132322	100	#0	QPSK	NV	-10	4.82	0.003	PASS
Band66	20	132322	100	#0	QPSK	NV	0	3.56	0.002	PASS
Band66	20	132322	100	#0	QPSK	NV	10	3.60	0.002	PASS
Band66	20	132322	100	#0	QPSK	NV	20	0.69	0.000	PASS
Band66	20	132322	100	#0	QPSK	NV	30	2.33	0.001	PASS
Band66	20	132322	100	#0	QPSK	NV	40	1.92	0.001	PASS
Band66	20	132322	100	#0	QPSK	NV	50	3.23	0.002	PASS
Band66	20	132572	100	#0	QPSK	NV	-30	-3.68	-0.002	PASS
Band66	20	132572	100	#0	QPSK	NV	-20	2.56	0.001	PASS
Band66	20	132572	100	#0	QPSK	NV	-10	4.45	0.003	PASS
Band66	20	132572	100	#0	QPSK	NV	0	1.87	0.001	PASS
Band66	20	132572	100	#0	QPSK	NV	10	3.15	0.002	PASS
Band66	20	132572	100	#0	QPSK	NV	20	3.79	0.002	PASS
Band66	20	132572	100	#0	QPSK	NV	30	1.89	0.001	PASS
Band66	20	132572	100	#0	QPSK	NV	40	2.57	0.001	PASS
Band66	20	132572	100	#0	QPSK	NV	50	2.53	0.001	PASS

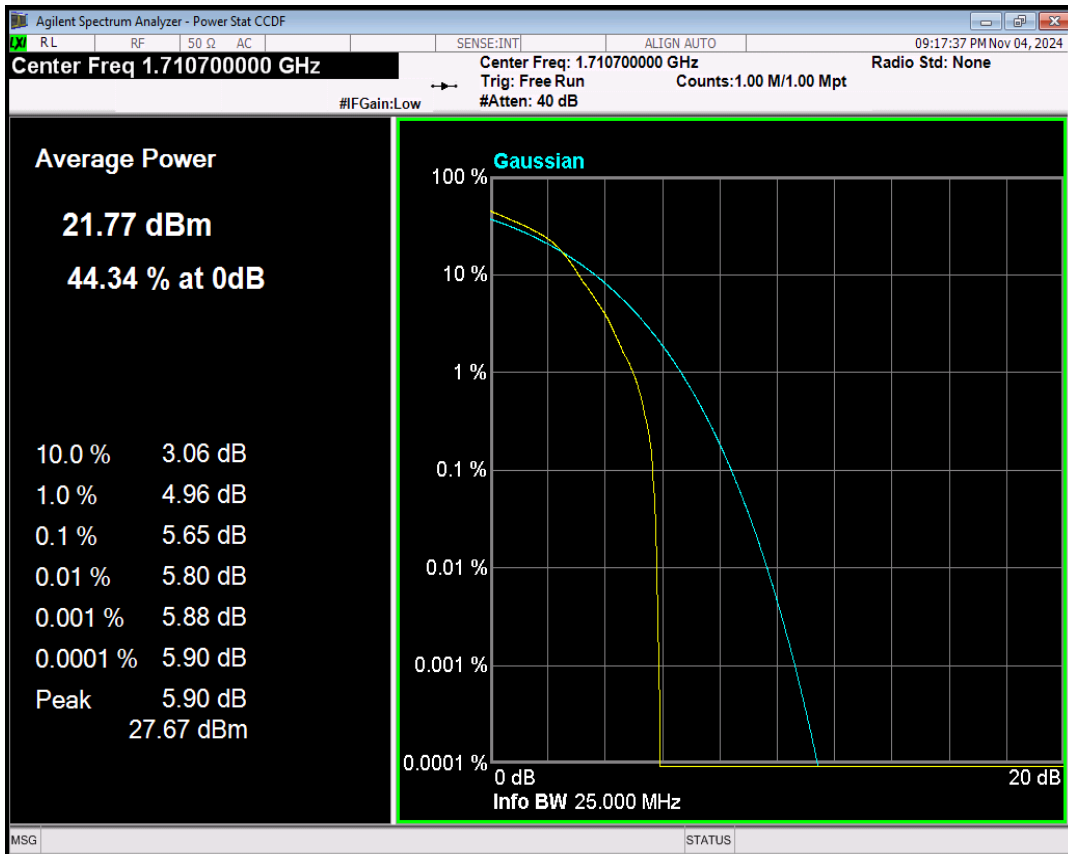
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band66	1.4	131979	1	#0	QPSK	4.77	13	PASS
Band66	1.4	131979	1	#0	16QAM	5.65	13	PASS
Band66	1.4	132322	1	#0	QPSK	4.53	13	PASS
Band66	1.4	132322	1	#0	16QAM	5.43	13	PASS
Band66	1.4	132665	1	#0	QPSK	3.94	13	PASS
Band66	1.4	132665	1	#0	16QAM	4.77	13	PASS
Band66	3	131987	1	#0	QPSK	4.65	13	PASS
Band66	3	131987	1	#0	16QAM	5.57	13	PASS
Band66	3	132322	1	#0	QPSK	4.33	13	PASS
Band66	3	132322	1	#0	16QAM	5.27	13	PASS
Band66	3	132657	1	#0	QPSK	3.63	13	PASS
Band66	3	132657	1	#0	16QAM	4.51	13	PASS
Band66	5	131997	1	#0	QPSK	4.78	13	PASS
Band66	5	131997	1	#0	16QAM	5.35	13	PASS
Band66	5	132322	1	#0	QPSK	4.47	13	PASS
Band66	5	132322	1	#0	16QAM	5.16	13	PASS
Band66	5	132647	1	#0	QPSK	4.06	13	PASS
Band66	5	132647	1	#0	16QAM	4.75	13	PASS
Band66	10	132022	1	#0	QPSK	4.61	13	PASS
Band66	10	132322	1	#0	QPSK	4.74	13	PASS
Band66	10	132622	1	#0	QPSK	4.52	13	PASS
Band66	15	132047	1	#0	QPSK	4.79	13	PASS
Band66	15	132322	1	#0	QPSK	4.84	13	PASS
Band66	15	132597	1	#0	QPSK	4.23	13	PASS
Band66	20	132072	1	#0	QPSK	4.69	13	PASS
Band66	20	132322	1	#0	QPSK	4.82	13	PASS
Band66	20	132572	1	#0	QPSK	4.67	13	PASS

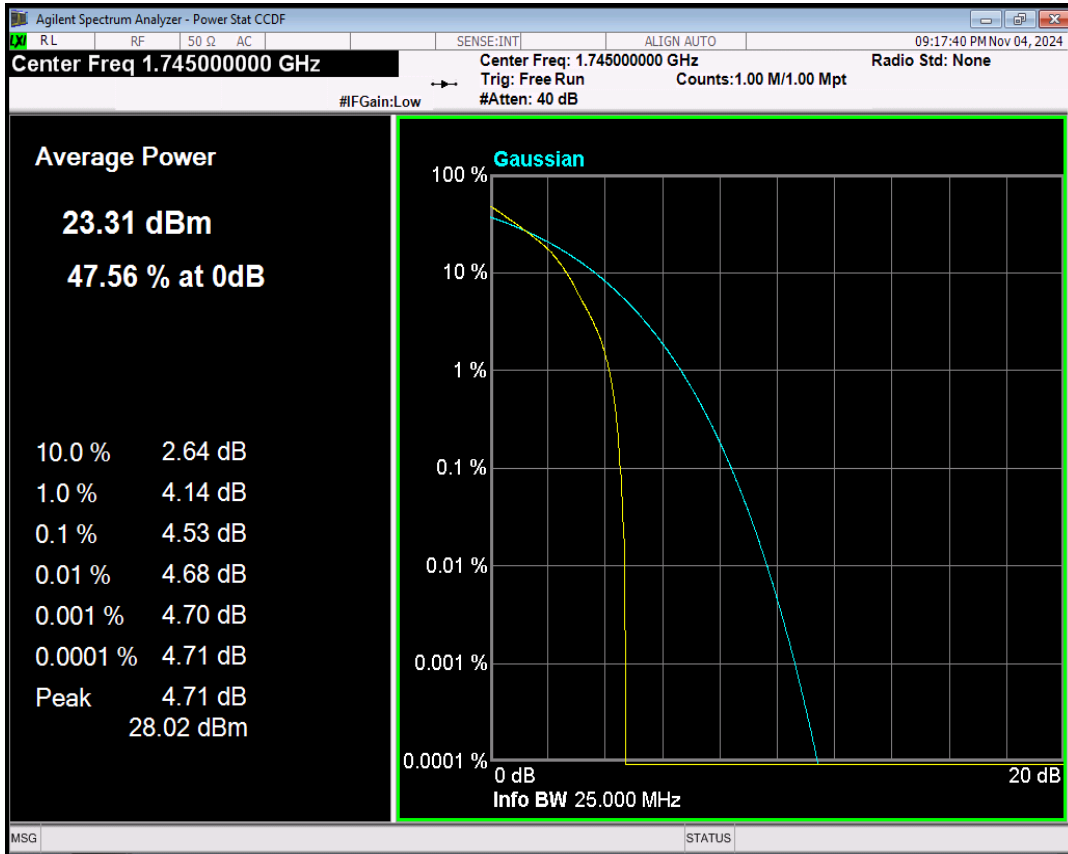
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#0



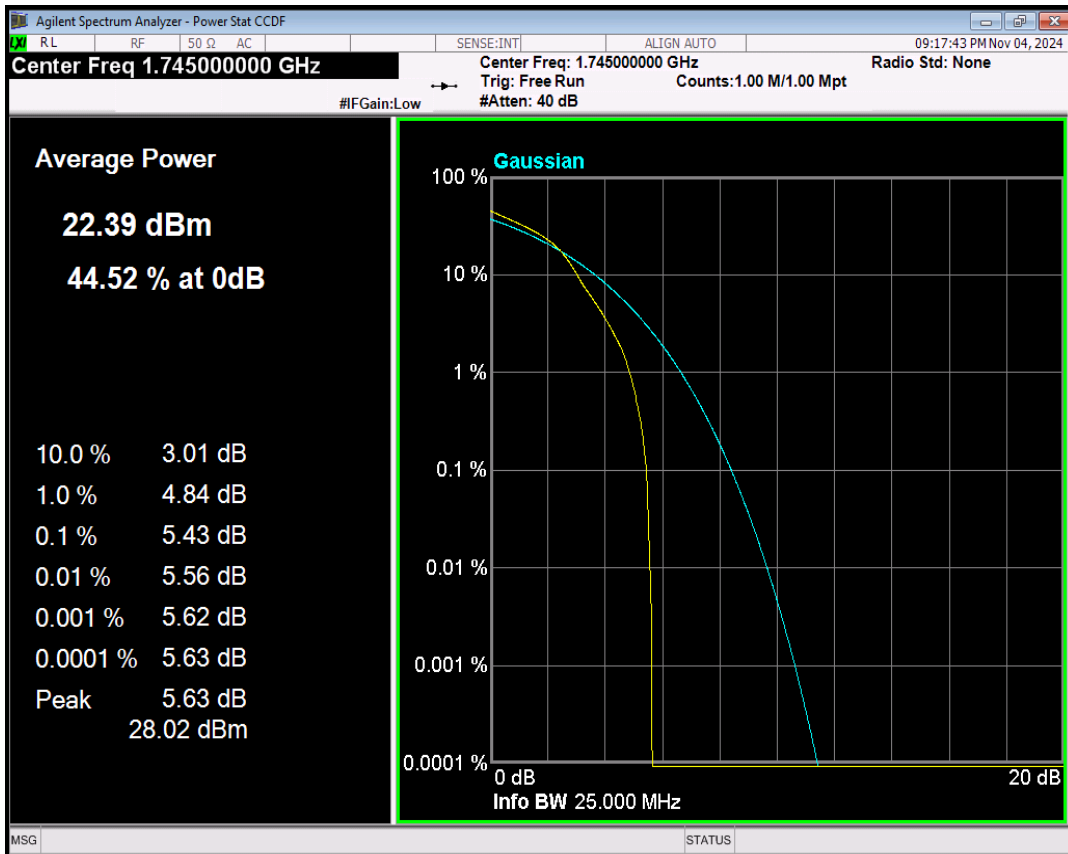
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=1 Position=#0



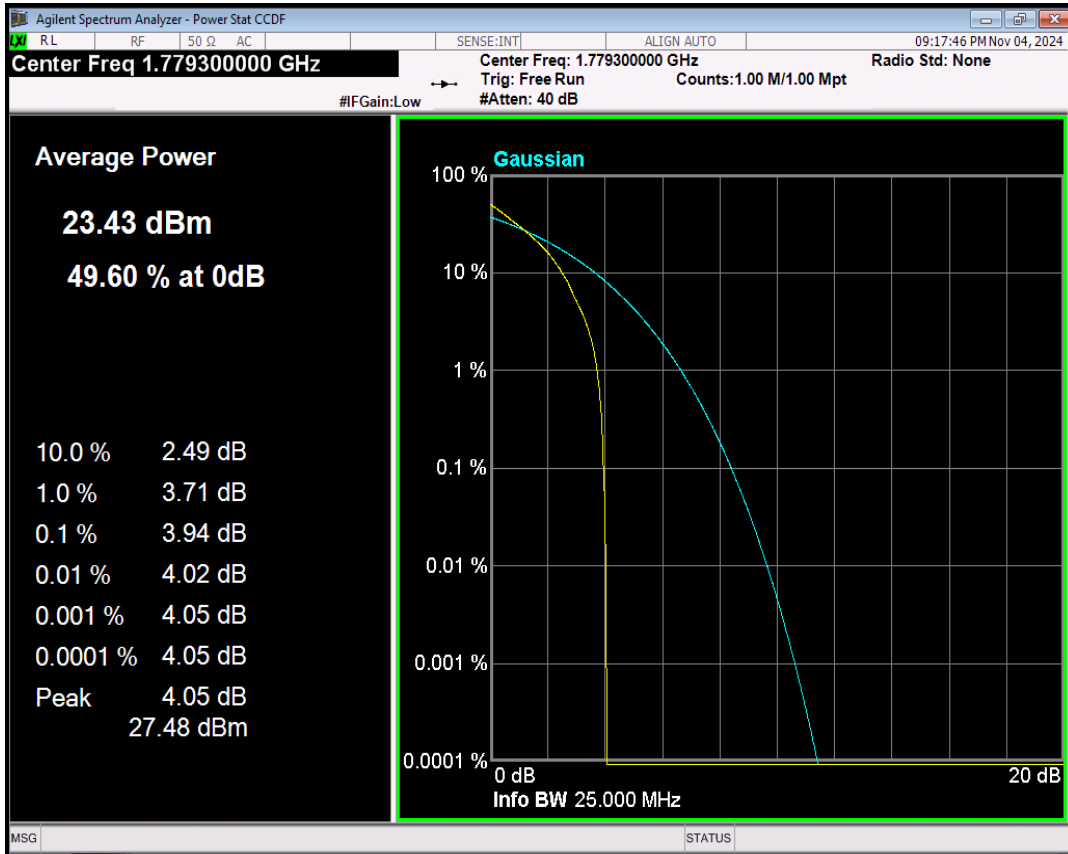
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0



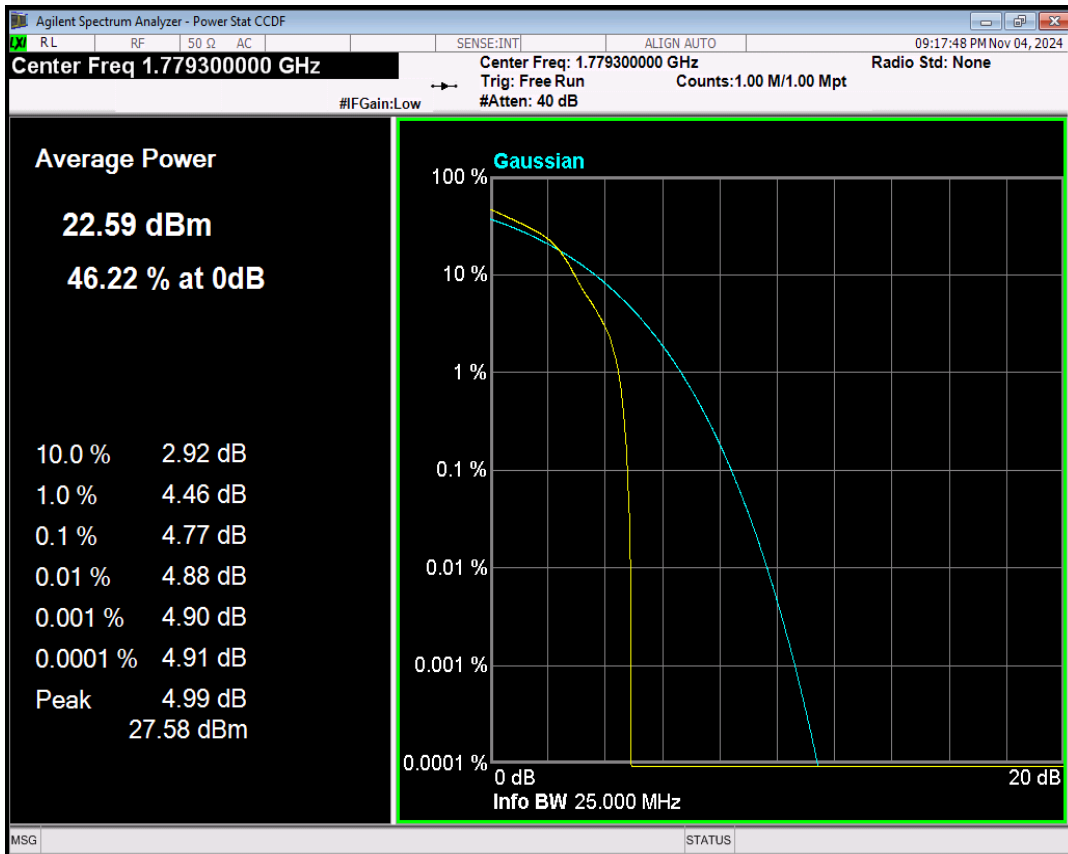
Band66 16QAM BW=1.4MHz Channel=132322 RB Size=1 Position=#0



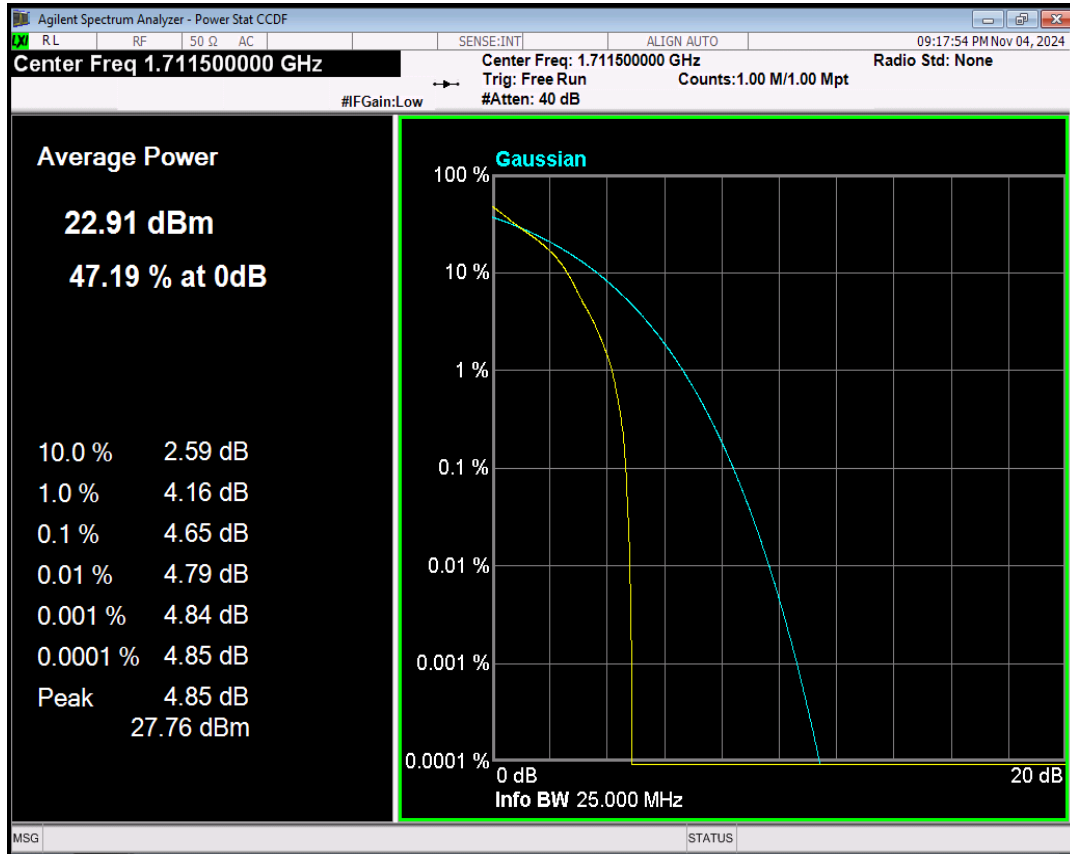
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#0



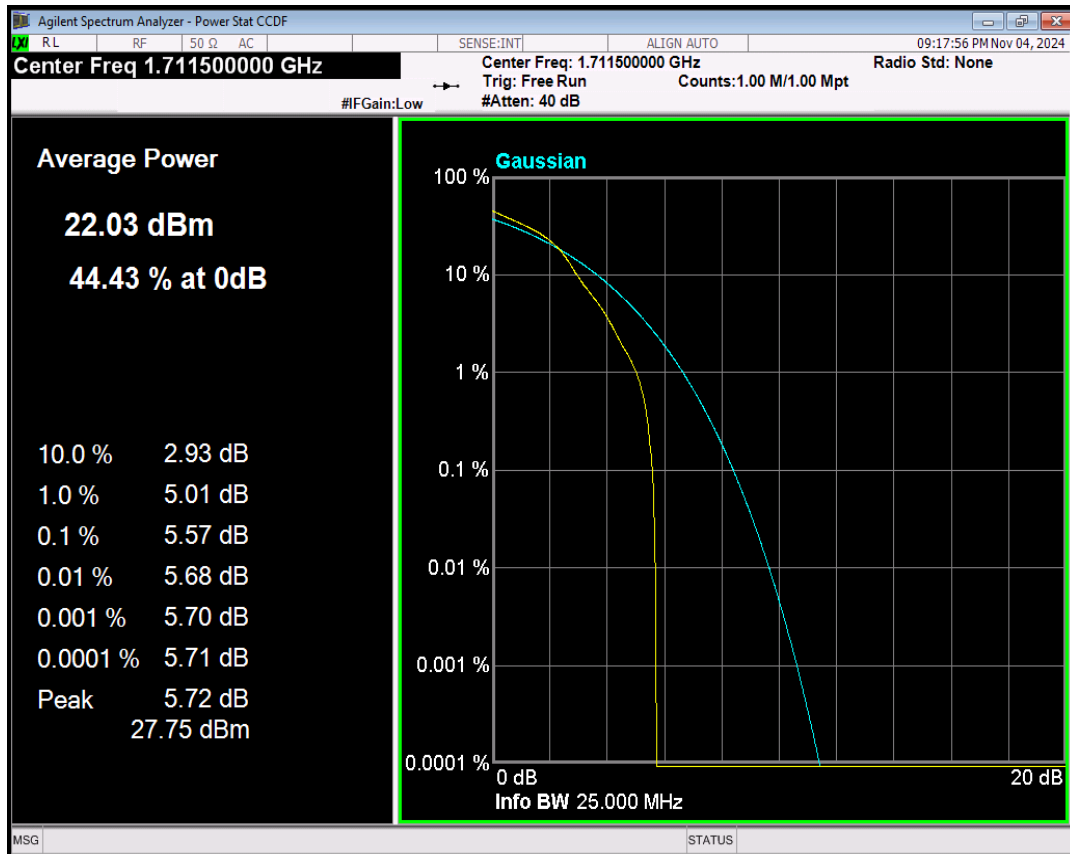
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=1 Position=#0



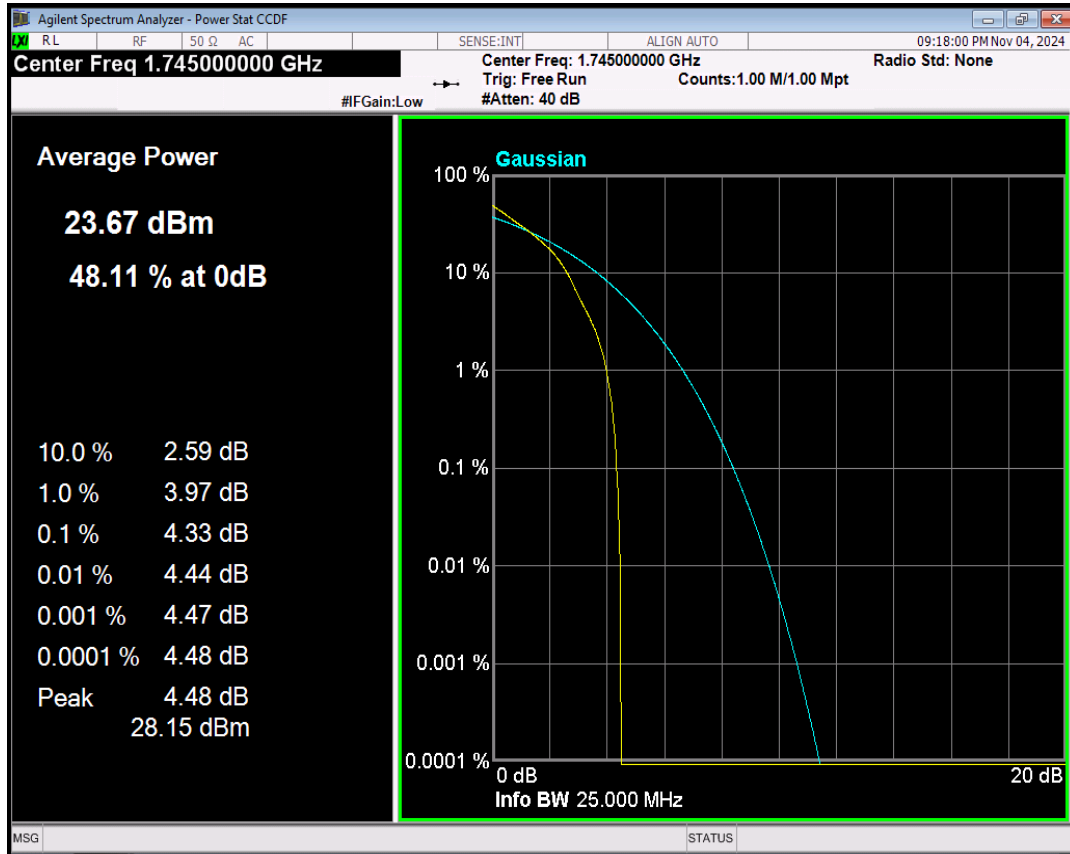
Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0



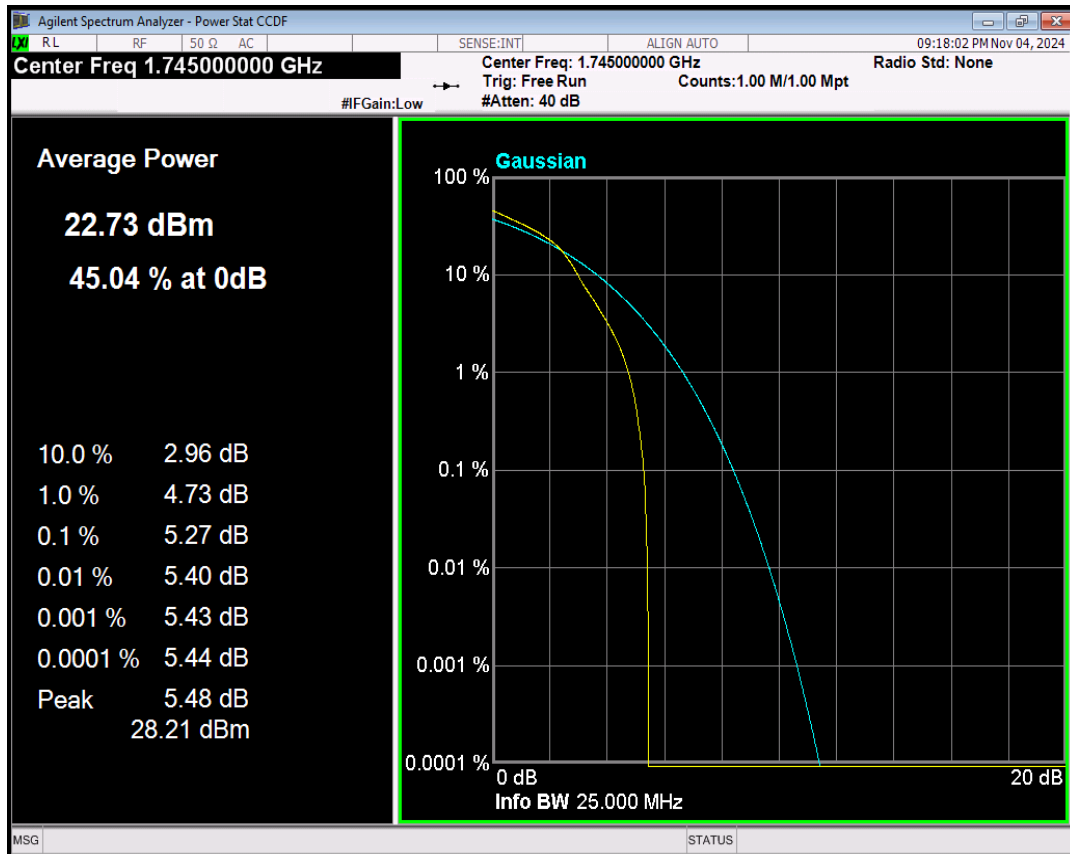
Band66 16QAM BW=3MHz Channel=131987 RB Size=1 Position=#0



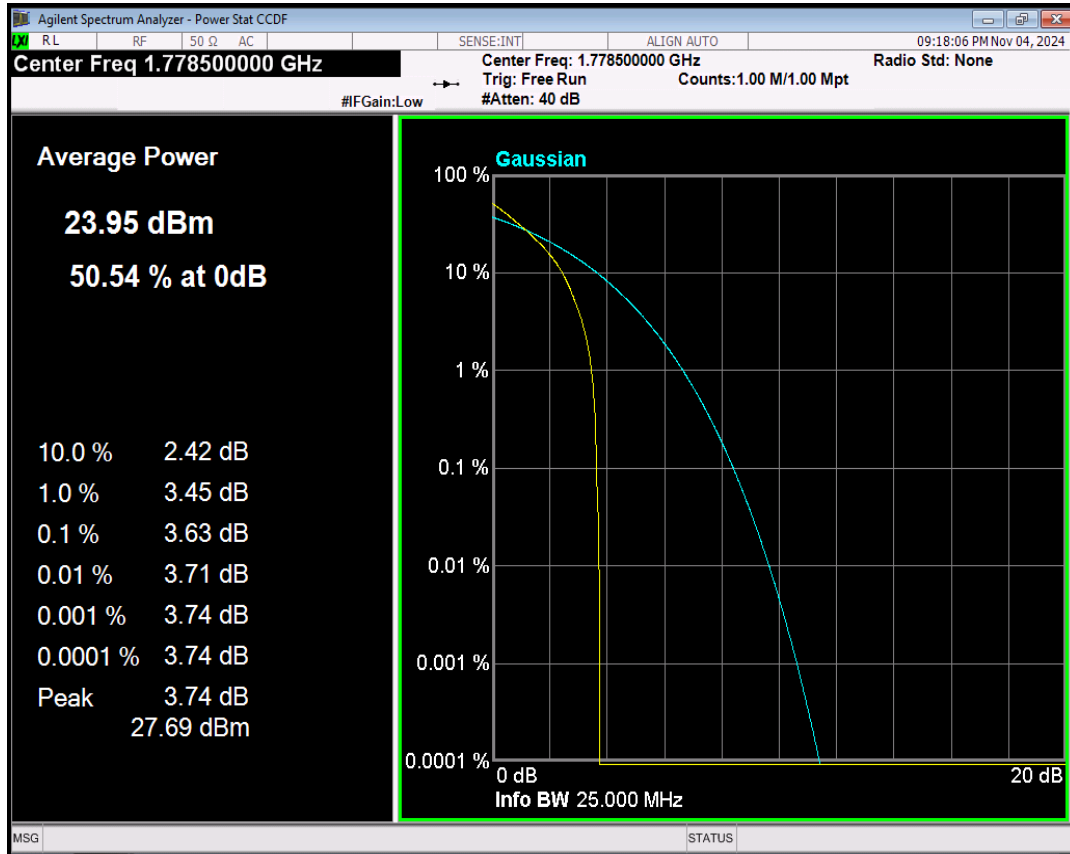
Band66 QPSK BW=3MHz Channel=132322 RB Size=1 Position=#0



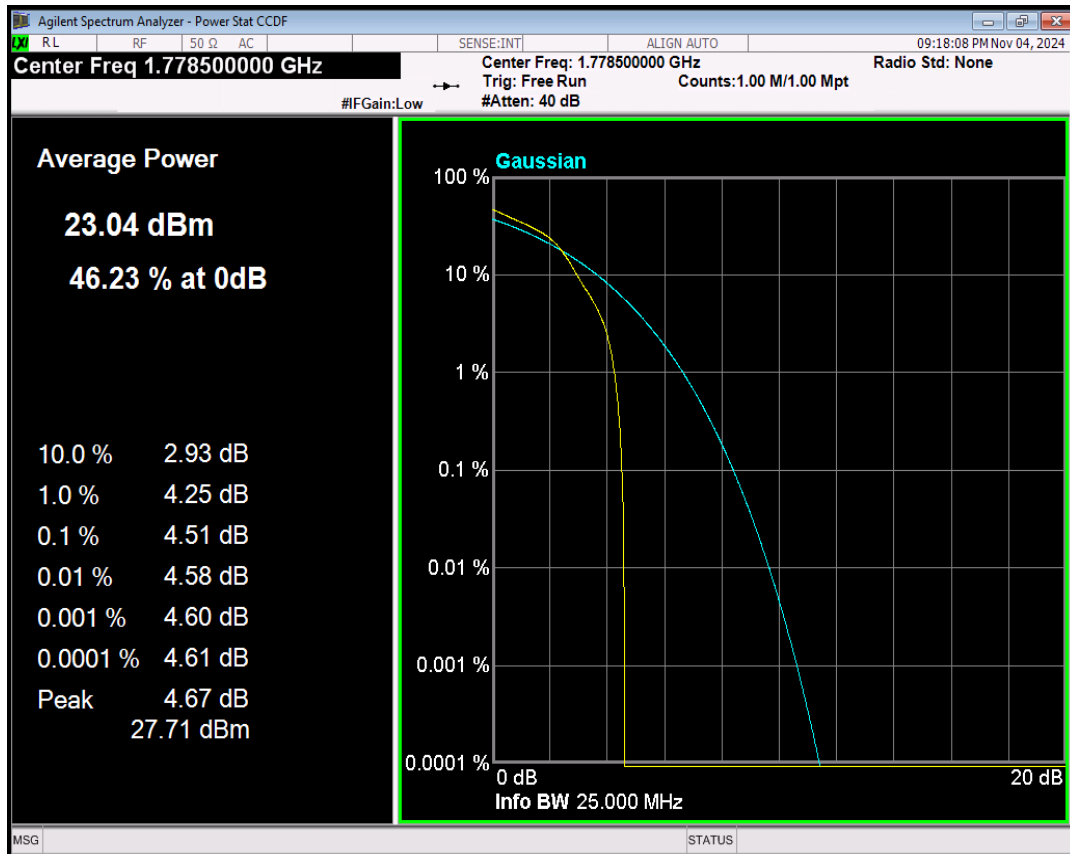
Band66 16QAM BW=3MHz Channel=132322 RB Size=1 Position=#0



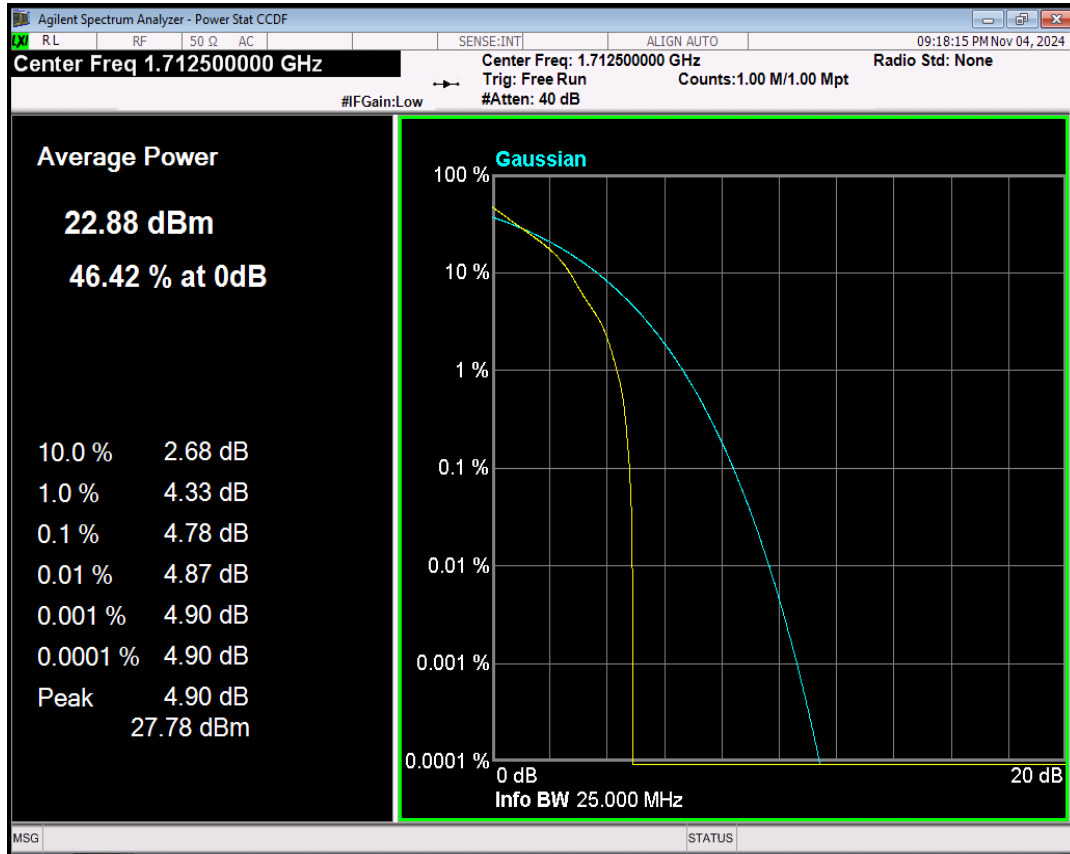
Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#0



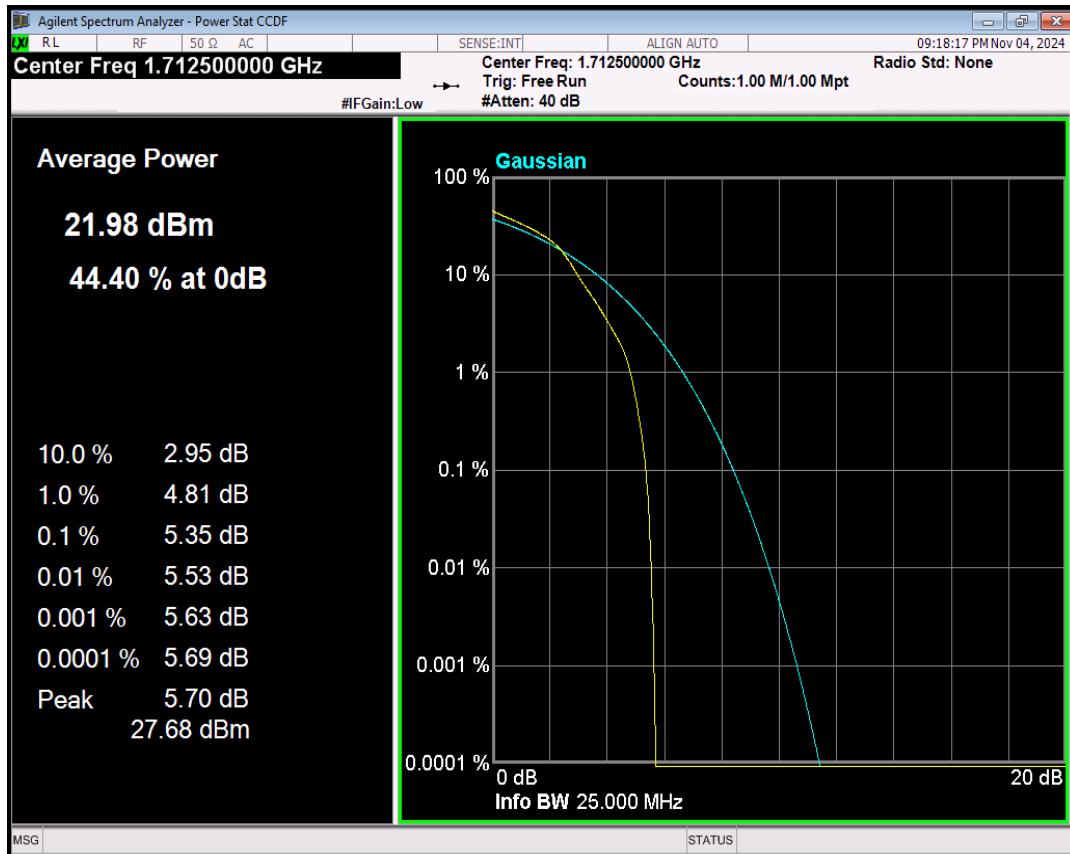
Band66 16QAM BW=3MHz Channel=132657 RB Size=1 Position=#0



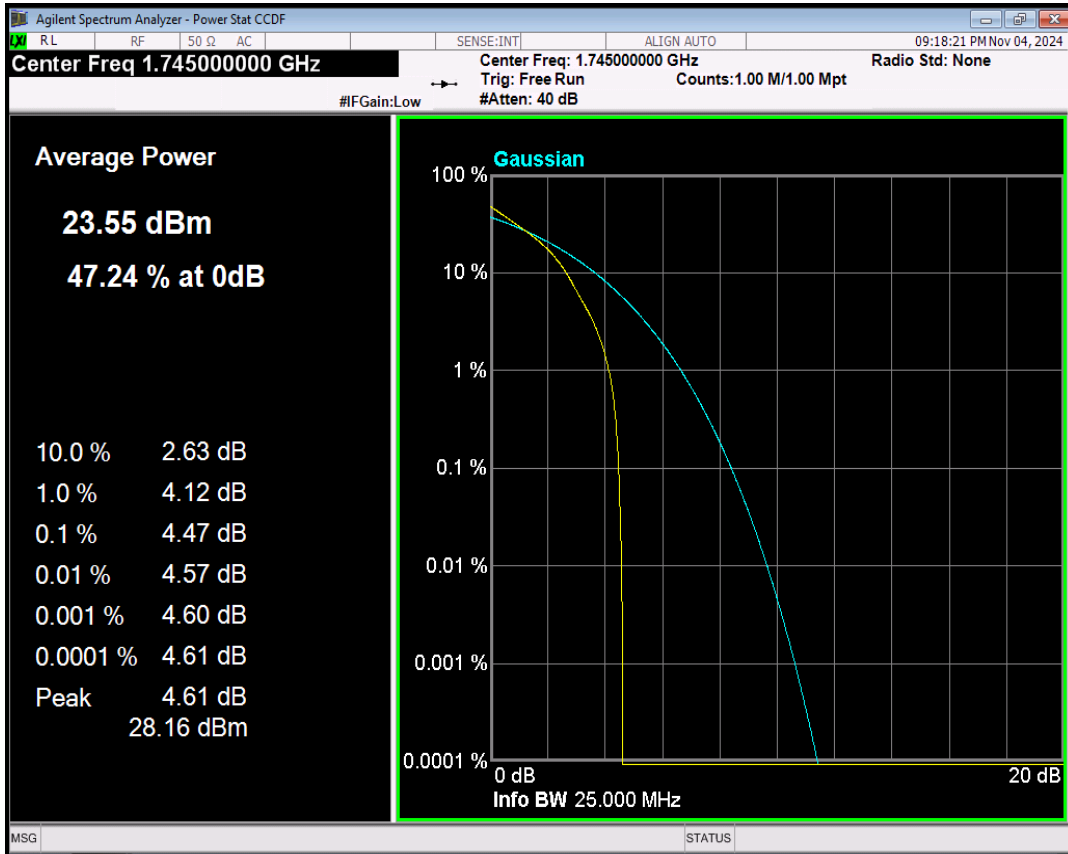
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0



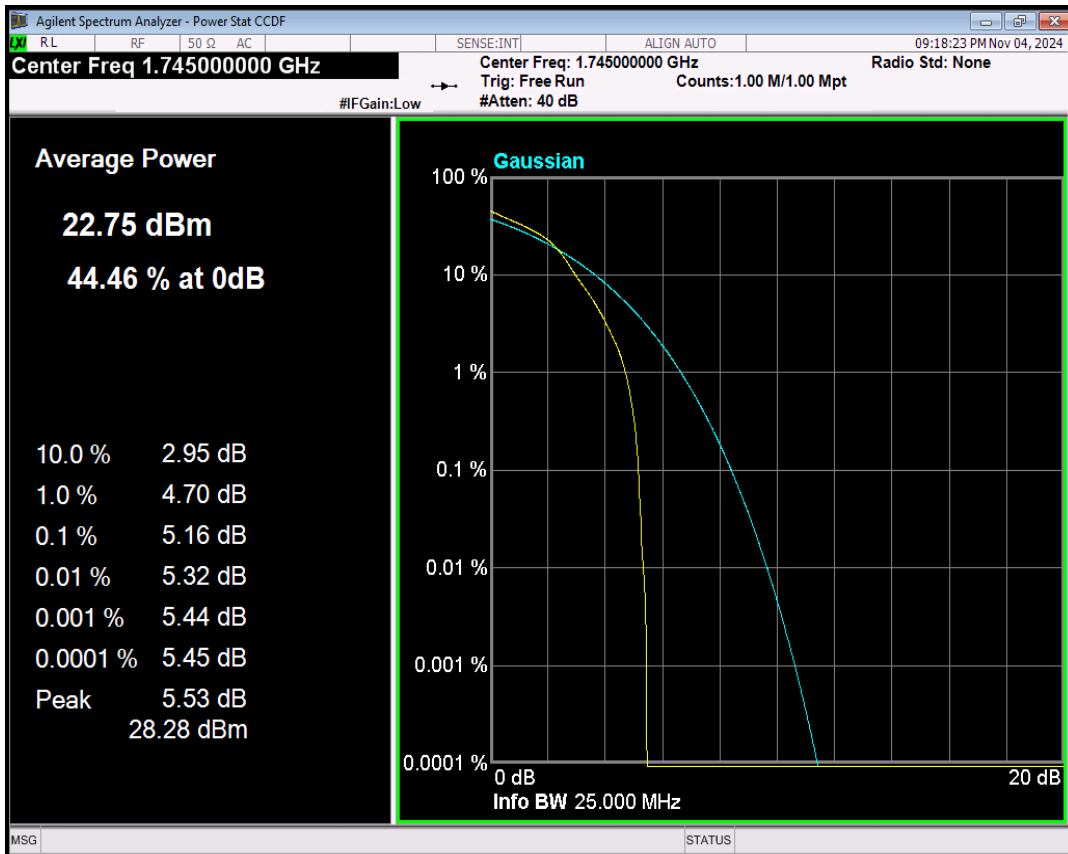
Band66 16QAM BW=5MHz Channel=131997 RB Size=1 Position=#0



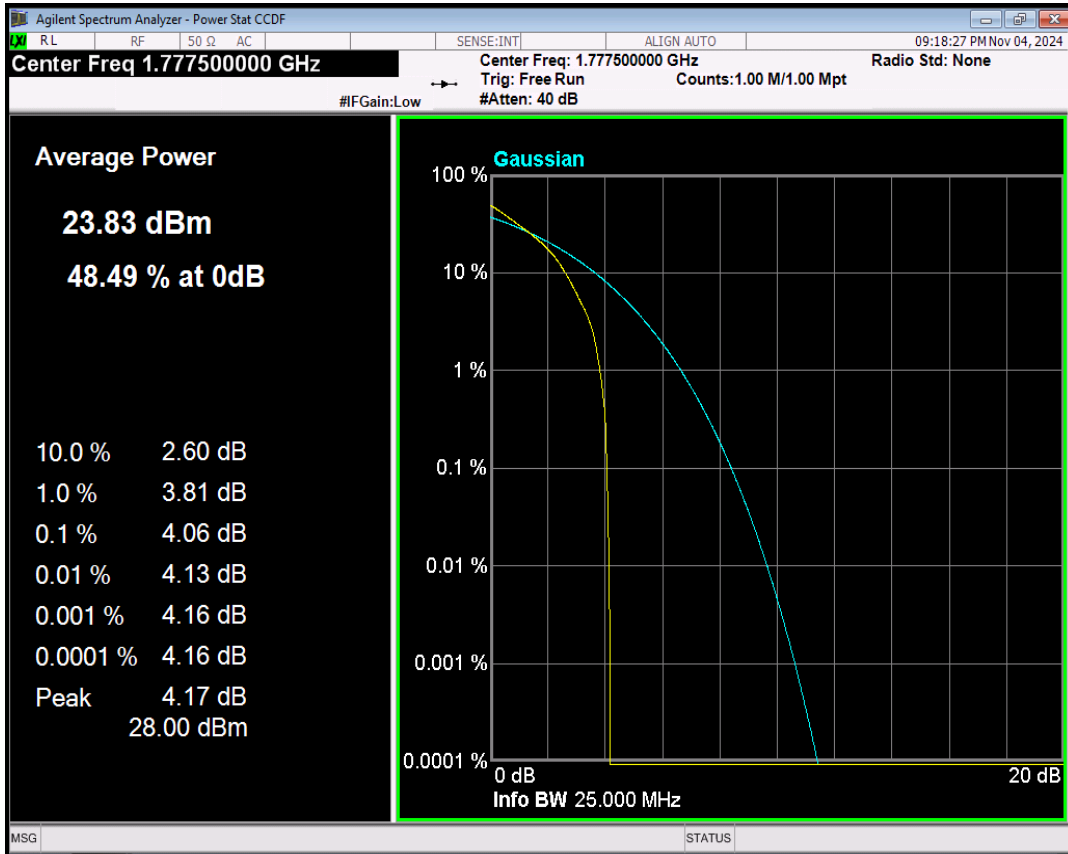
Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0



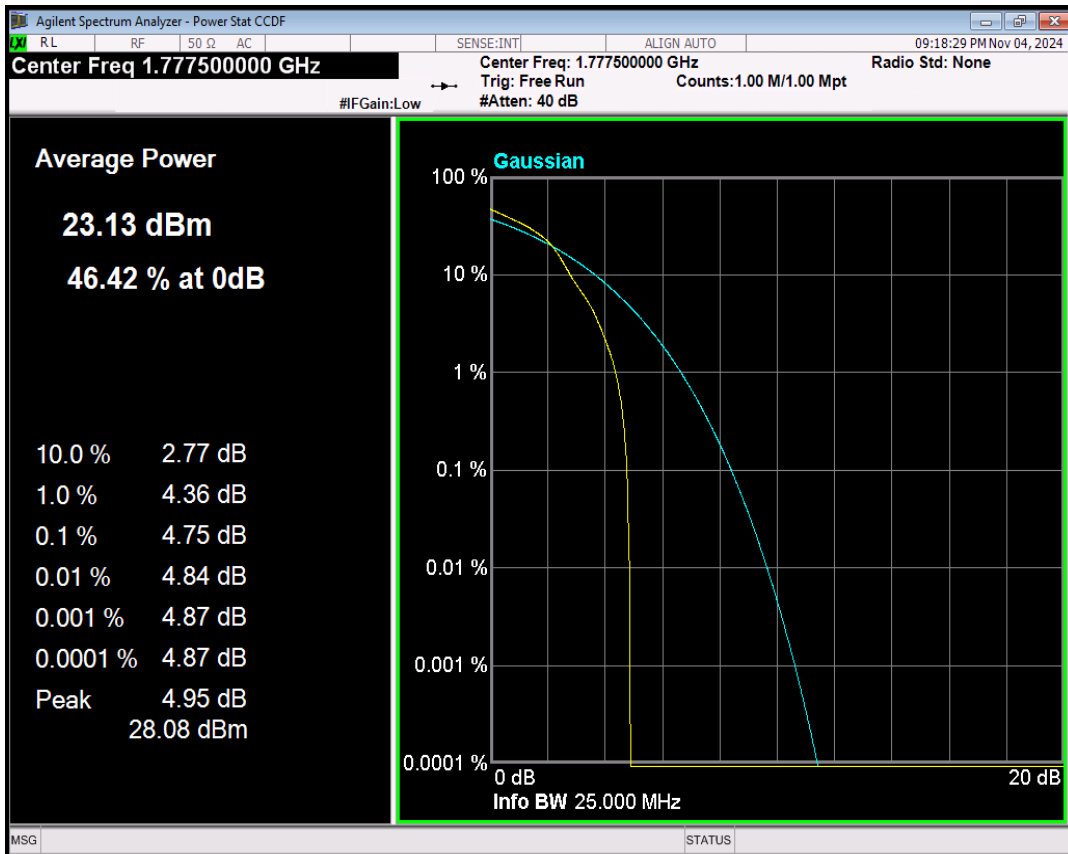
Band66 16QAM BW=5MHz Channel=132322 RB Size=1 Position=#0



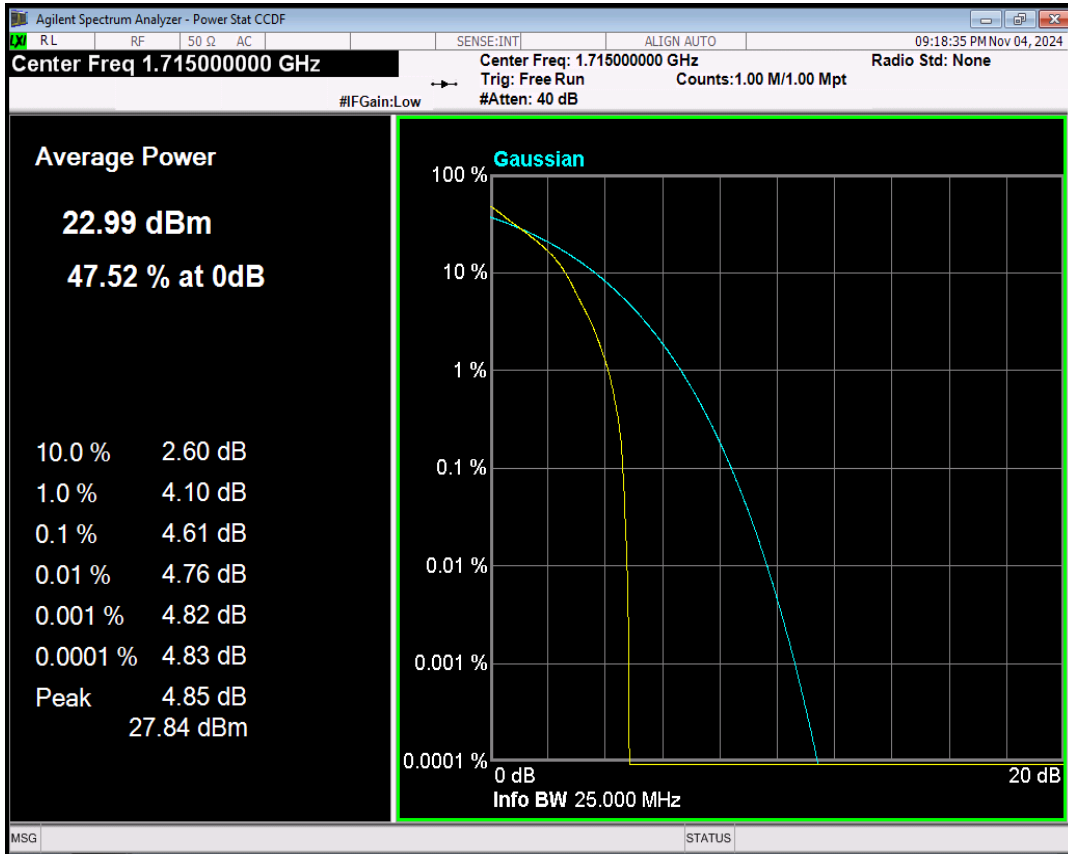
Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#0



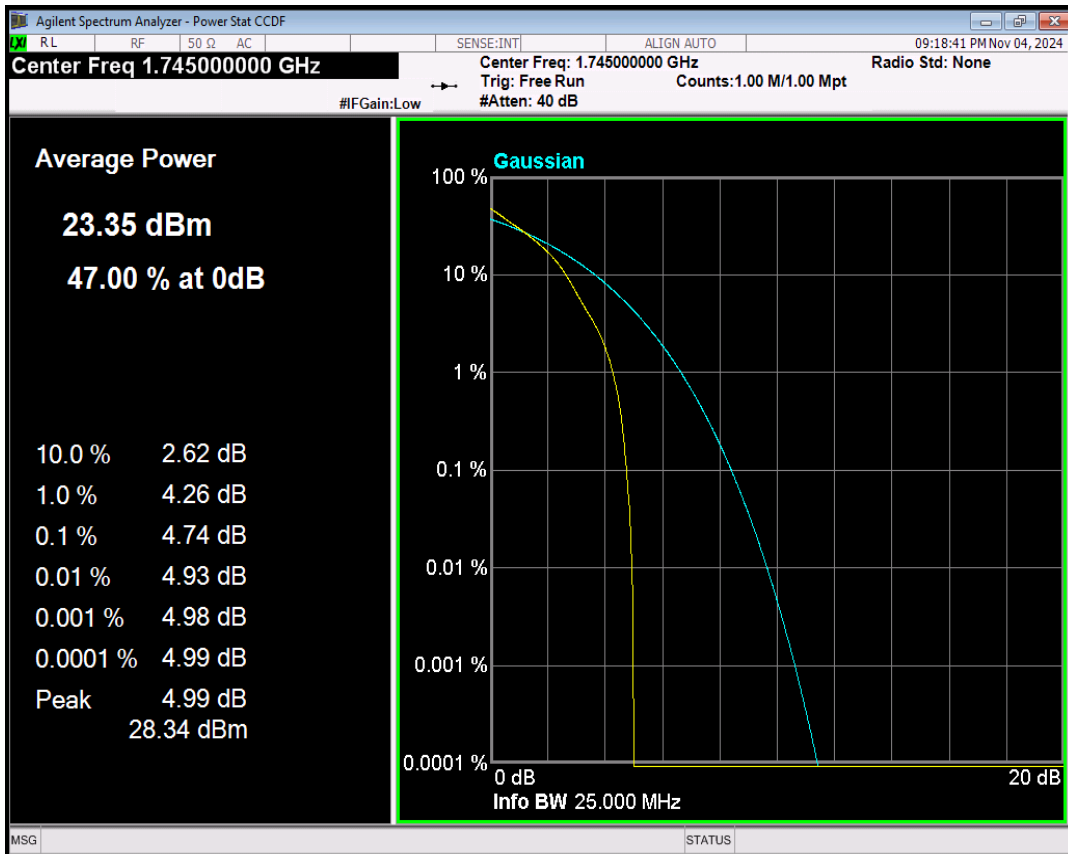
Band66 16QAM BW=5MHz Channel=132647 RB Size=1 Position=#0



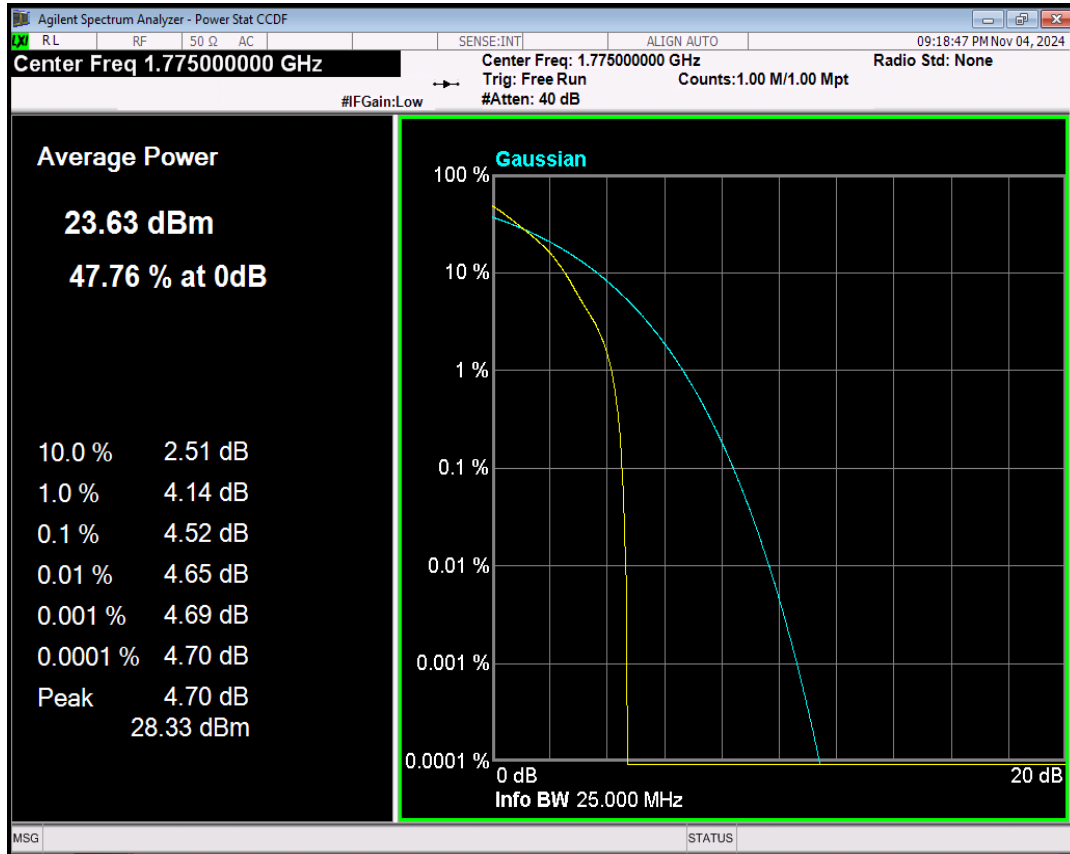
Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0



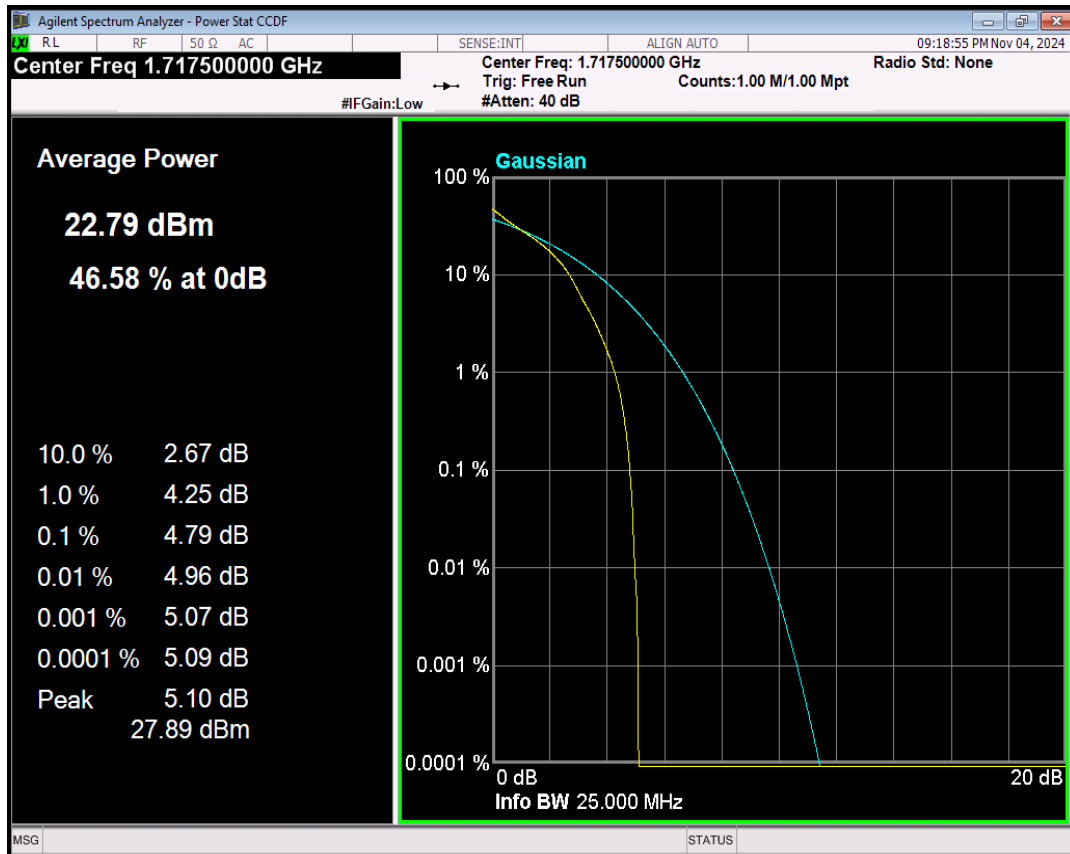
Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0



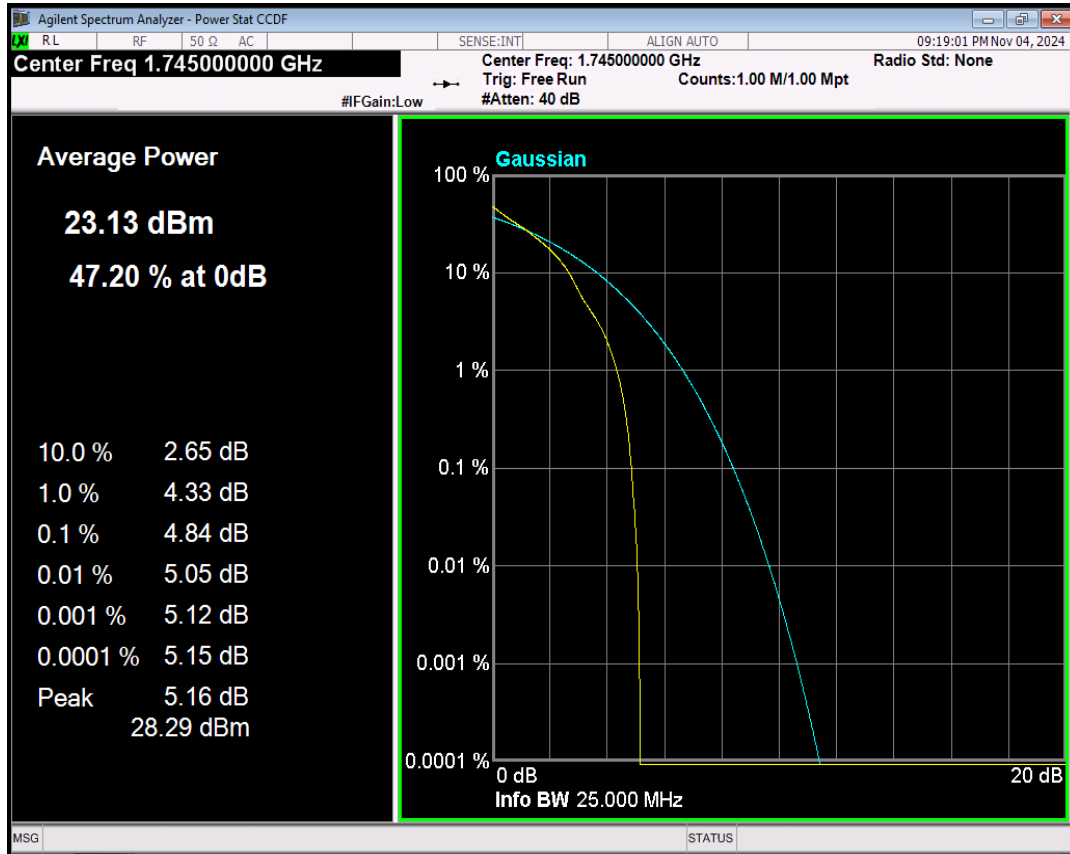
Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#0



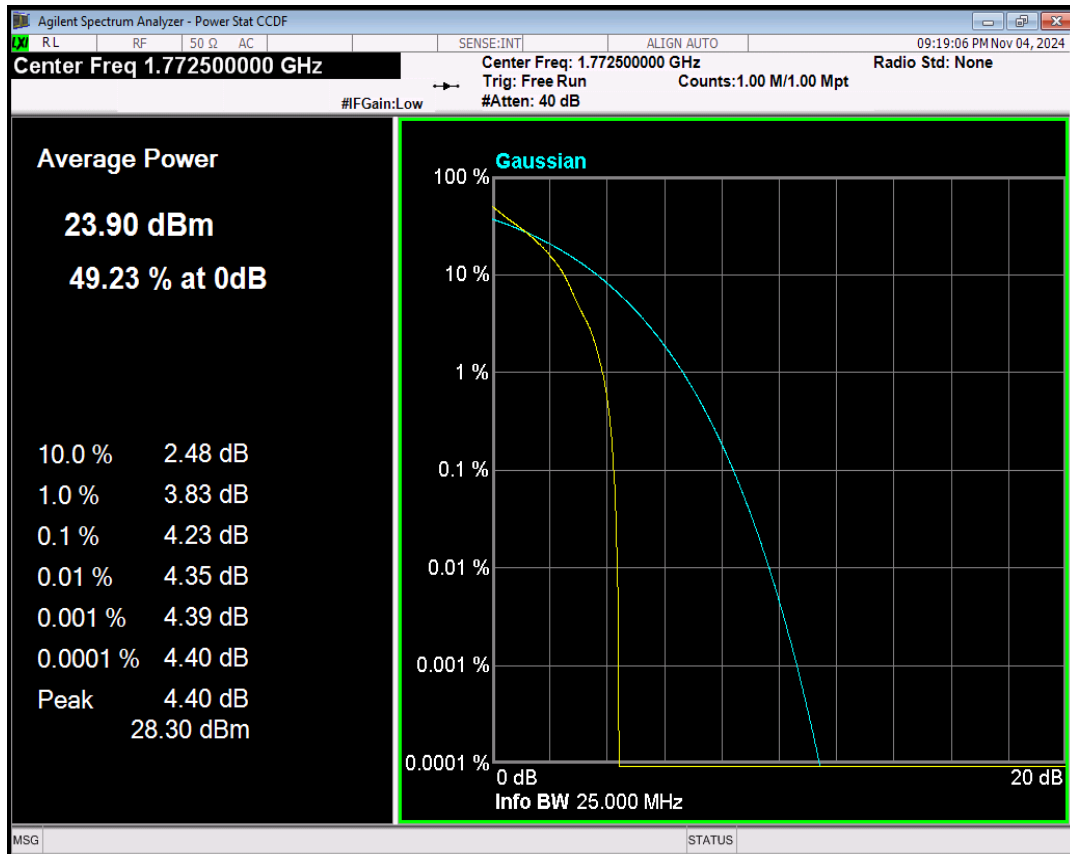
Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0



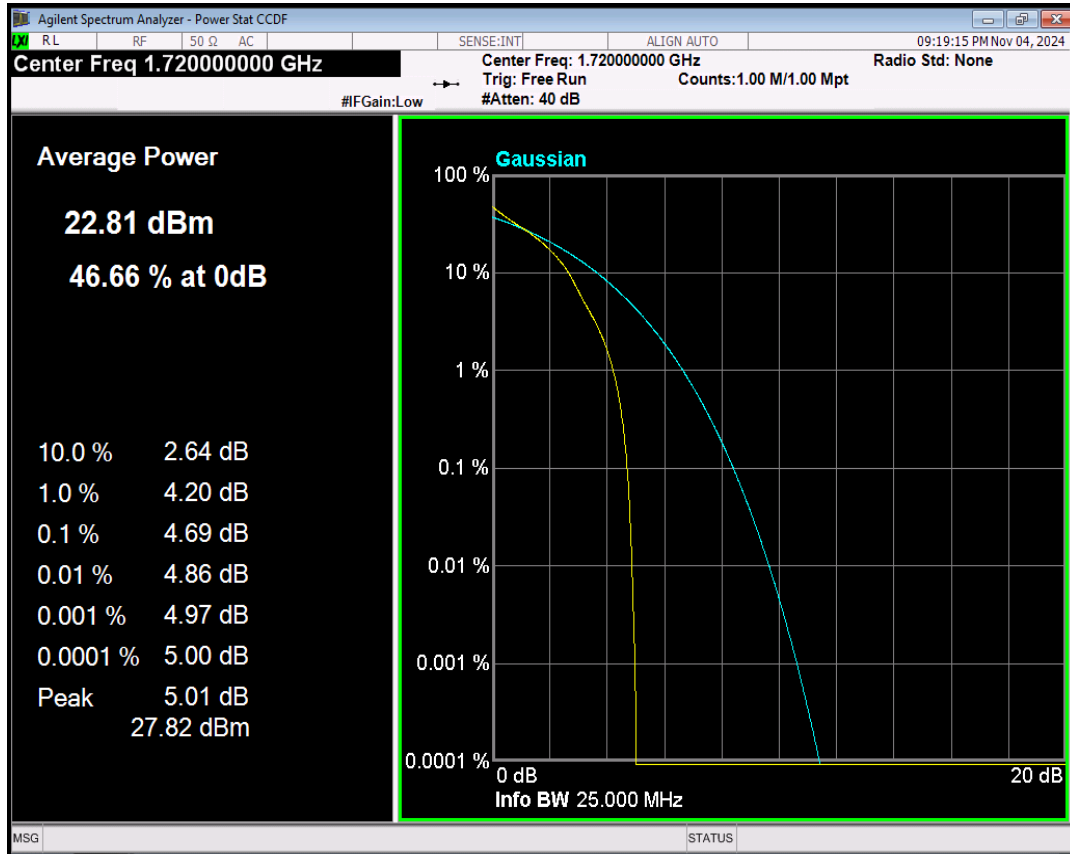
Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0



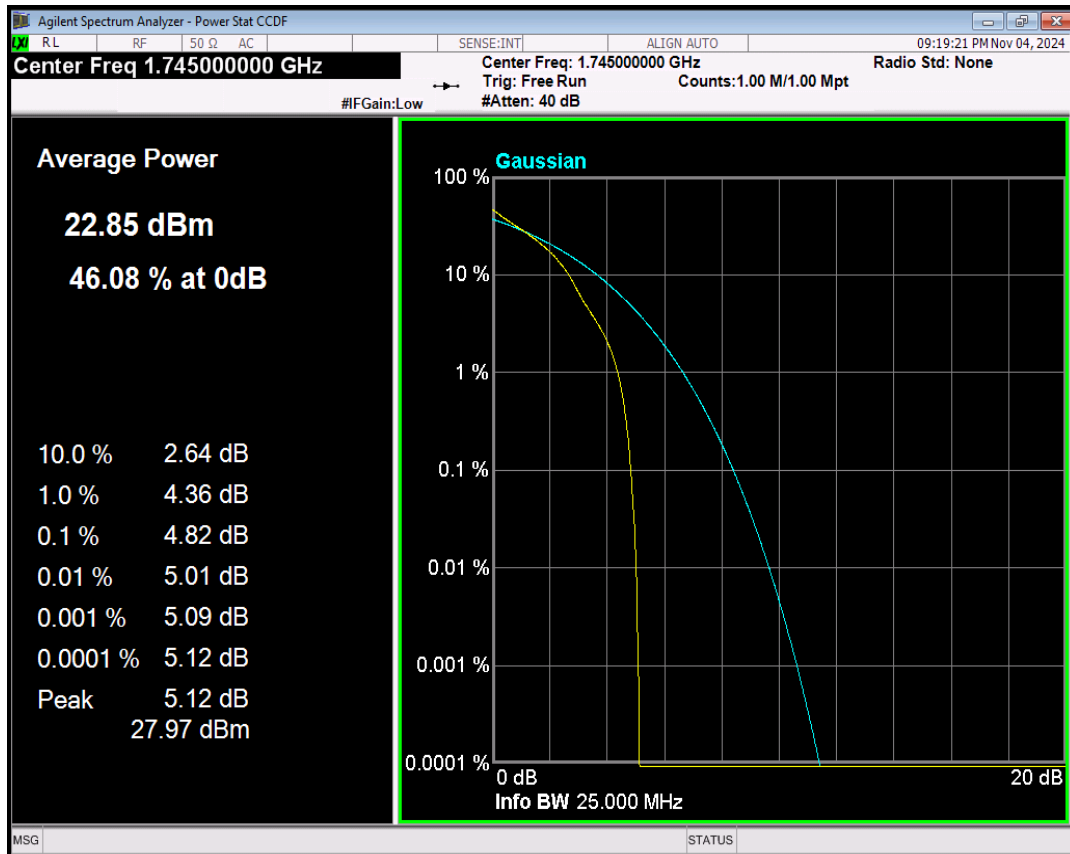
Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0



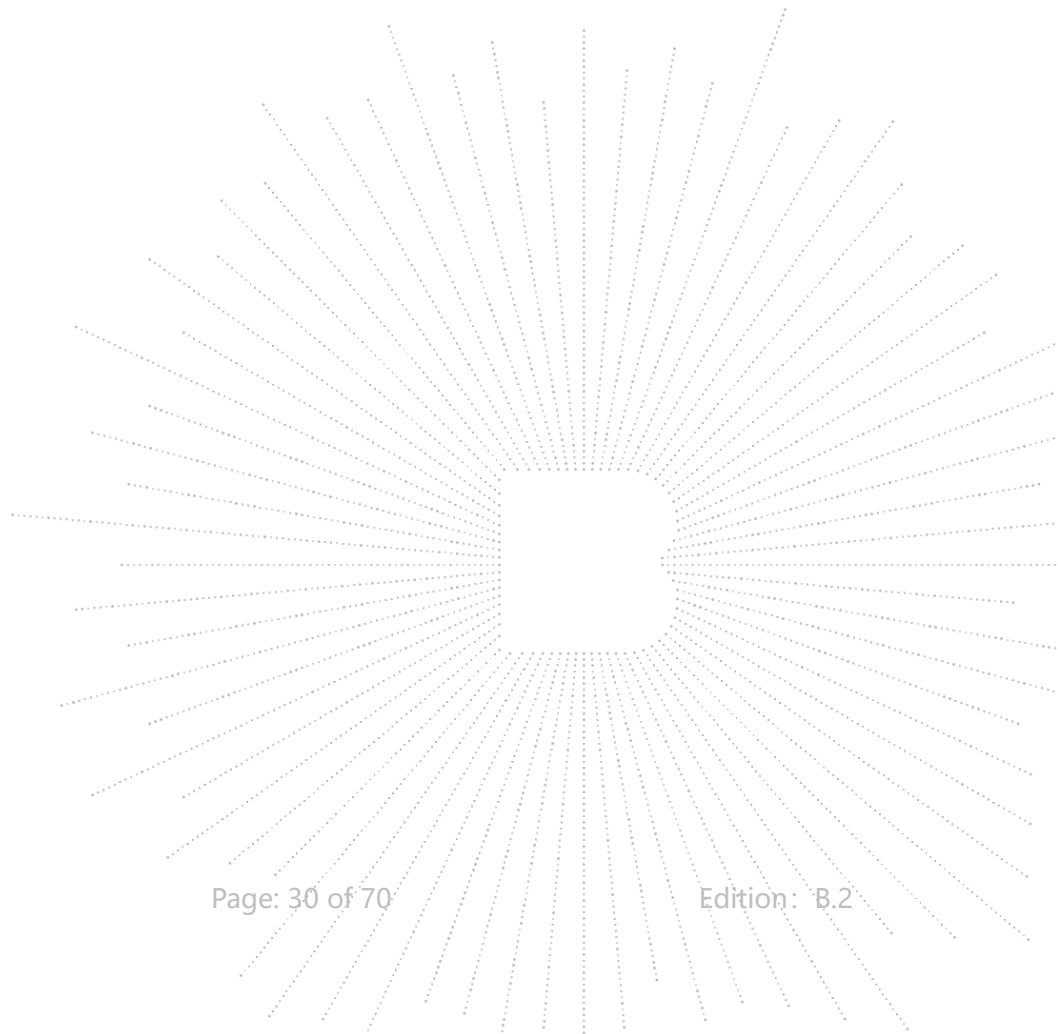
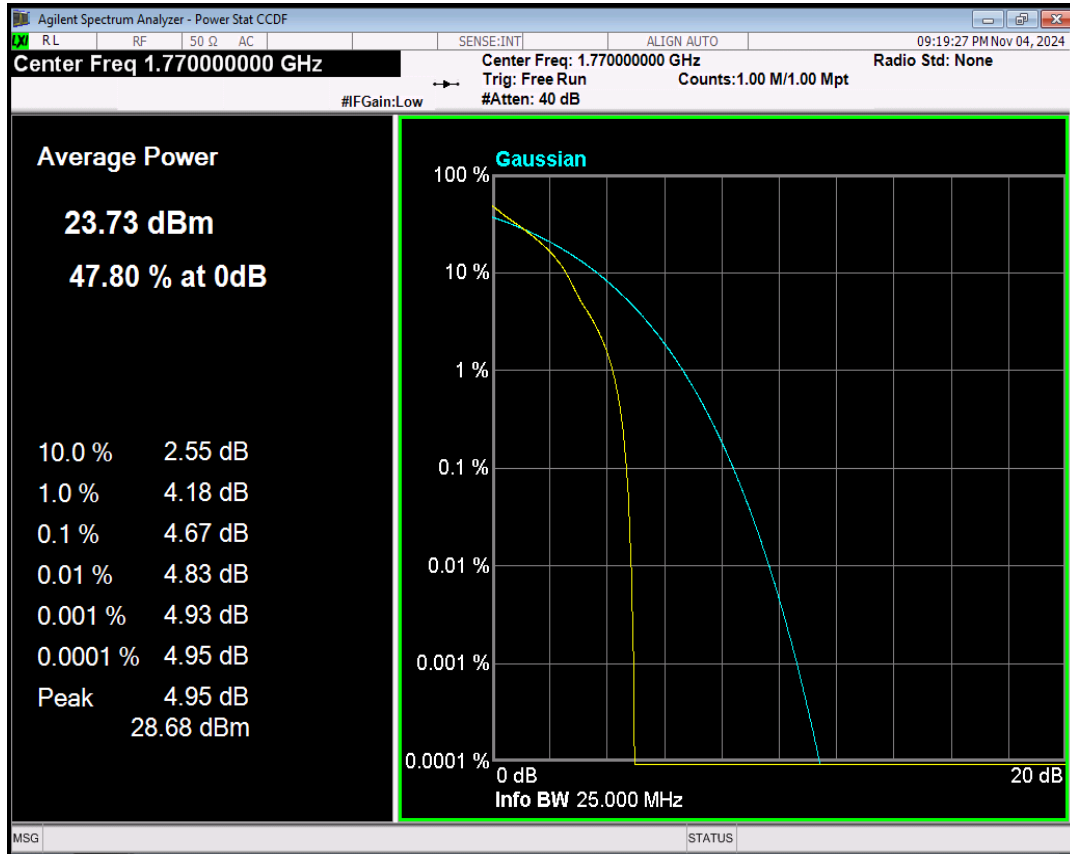
Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0



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



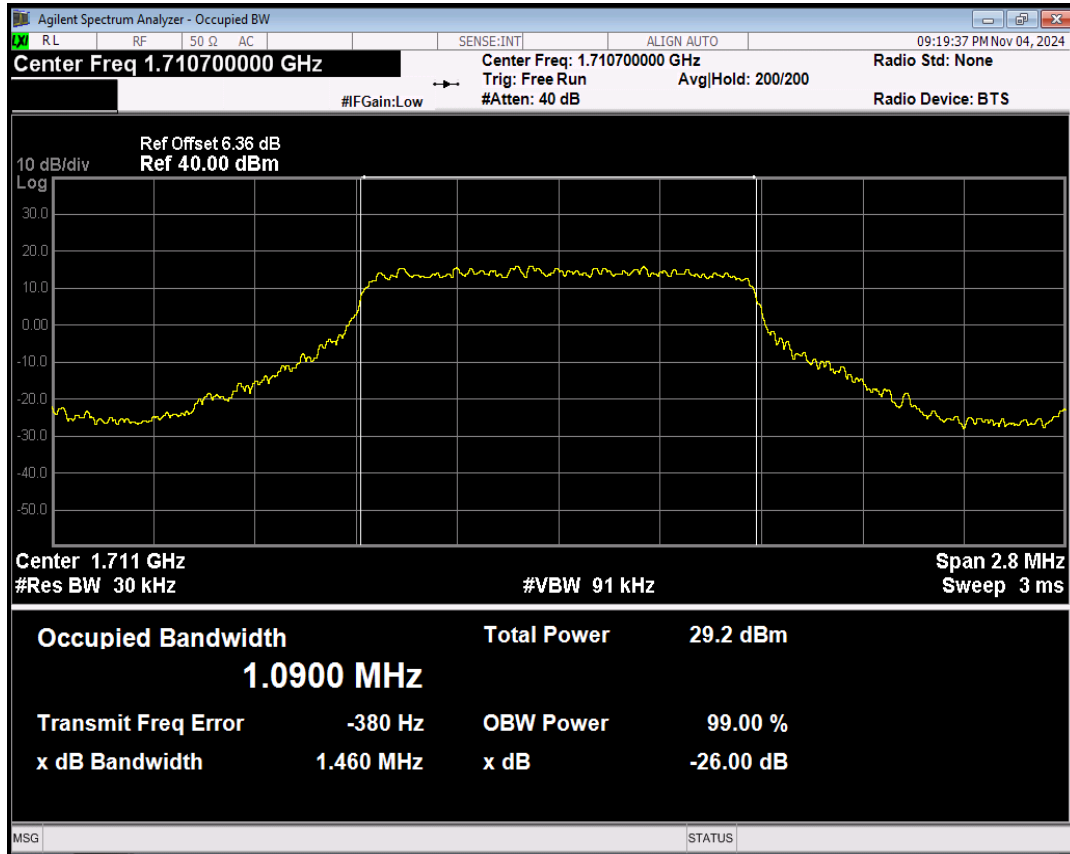
Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0



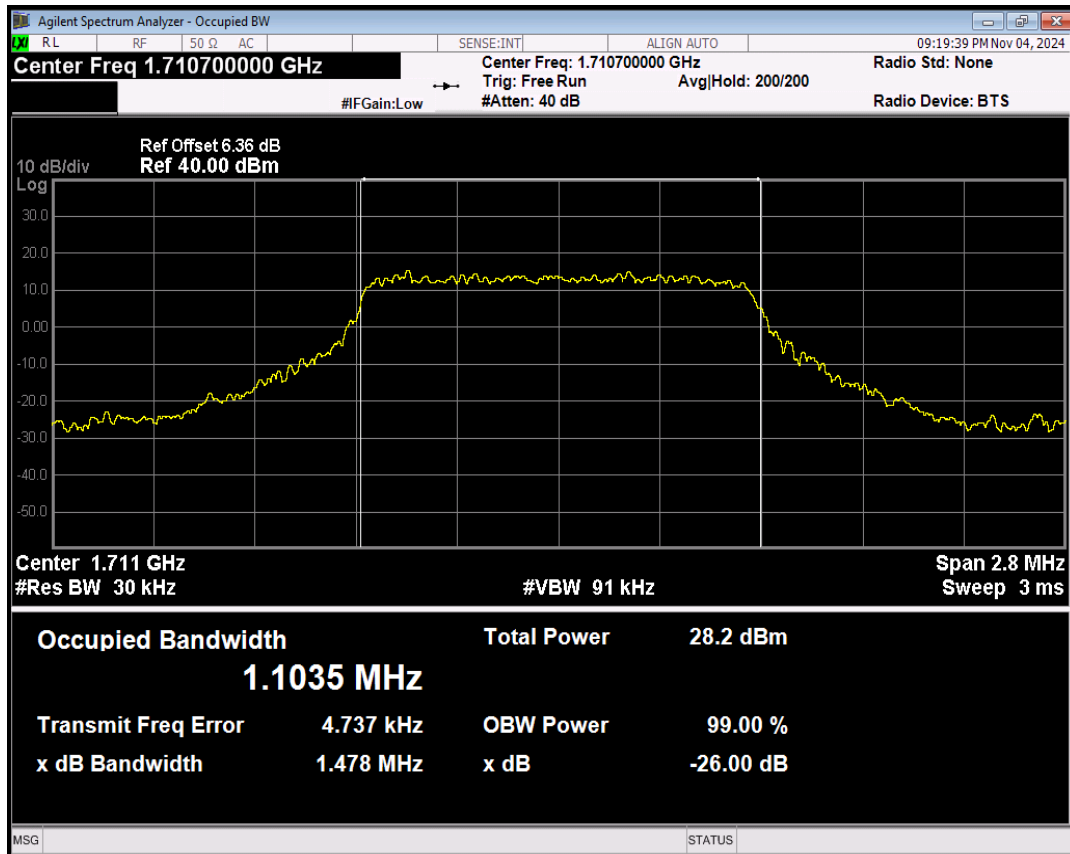
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band66	1.4	131979	6	#0	QPSK	1.090	1.460	PASS
Band66	1.4	131979	6	#0	16QAM	1.104	1.478	PASS
Band66	1.4	132322	6	#0	QPSK	1.094	1.441	PASS
Band66	1.4	132322	6	#0	16QAM	1.095	1.415	PASS
Band66	1.4	132665	6	#0	QPSK	1.099	1.400	PASS
Band66	1.4	132665	6	#0	16QAM	1.102	1.441	PASS
Band66	3	131987	15	#0	QPSK	2.696	3.209	PASS
Band66	3	131987	15	#0	16QAM	2.686	3.150	PASS
Band66	3	132322	15	#0	QPSK	2.681	3.208	PASS
Band66	3	132322	15	#0	16QAM	2.688	3.188	PASS
Band66	3	132657	15	#0	QPSK	2.682	3.225	PASS
Band66	3	132657	15	#0	16QAM	2.704	3.269	PASS
Band66	5	131997	25	#0	QPSK	4.489	5.095	PASS
Band66	5	131997	25	#0	16QAM	4.488	5.071	PASS
Band66	5	132322	25	#0	QPSK	4.493	5.034	PASS
Band66	5	132322	25	#0	16QAM	4.487	5.082	PASS
Band66	5	132647	25	#0	QPSK	4.483	5.040	PASS
Band66	5	132647	25	#0	16QAM	4.487	5.066	PASS
Band66	10	132022	50	#0	QPSK	8.959	9.637	PASS
Band66	10	132322	50	#0	QPSK	8.907	9.560	PASS
Band66	10	132622	50	#0	QPSK	8.932	9.661	PASS
Band66	15	132047	75	#0	QPSK	13.529	16.620	PASS
Band66	15	132322	75	#0	QPSK	13.452	15.844	PASS
Band66	15	132597	75	#0	QPSK	13.478	16.092	PASS
Band66	20	132072	100	#0	QPSK	18.027	20.906	PASS
Band66	20	132322	100	#0	QPSK	17.956	21.223	PASS
Band66	20	132572	100	#0	QPSK	17.976	21.248	PASS

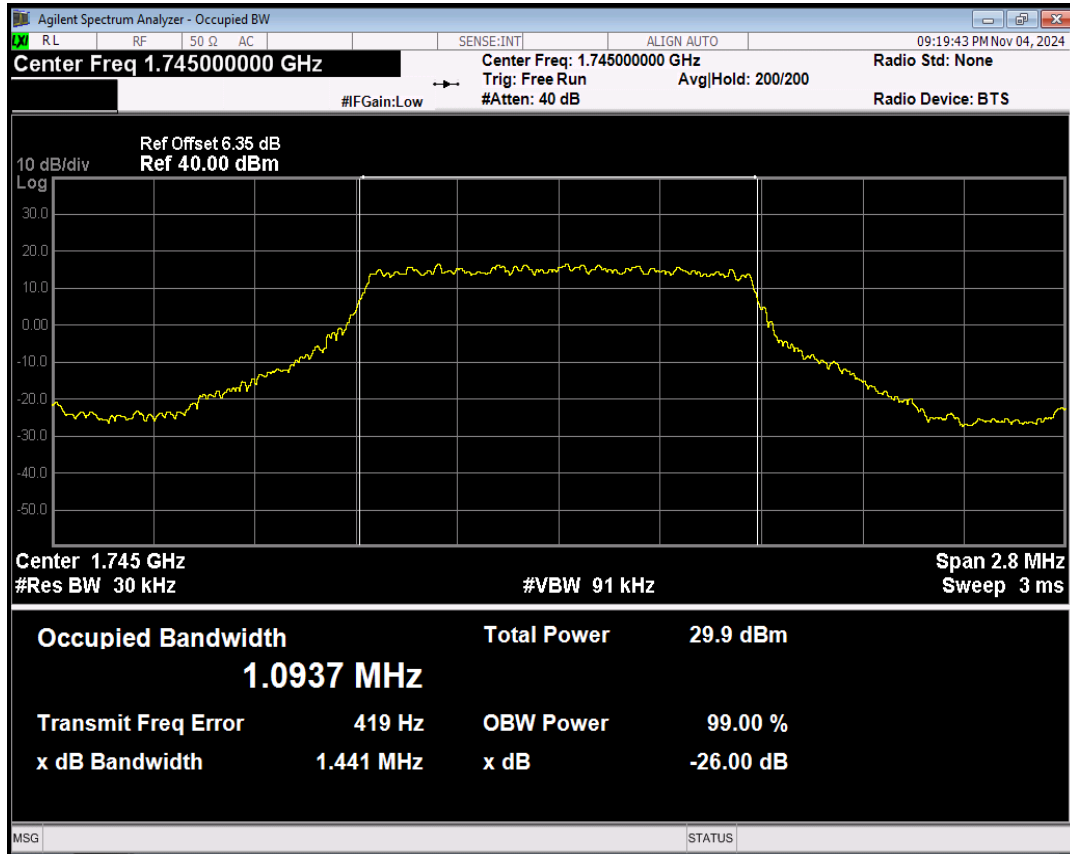
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



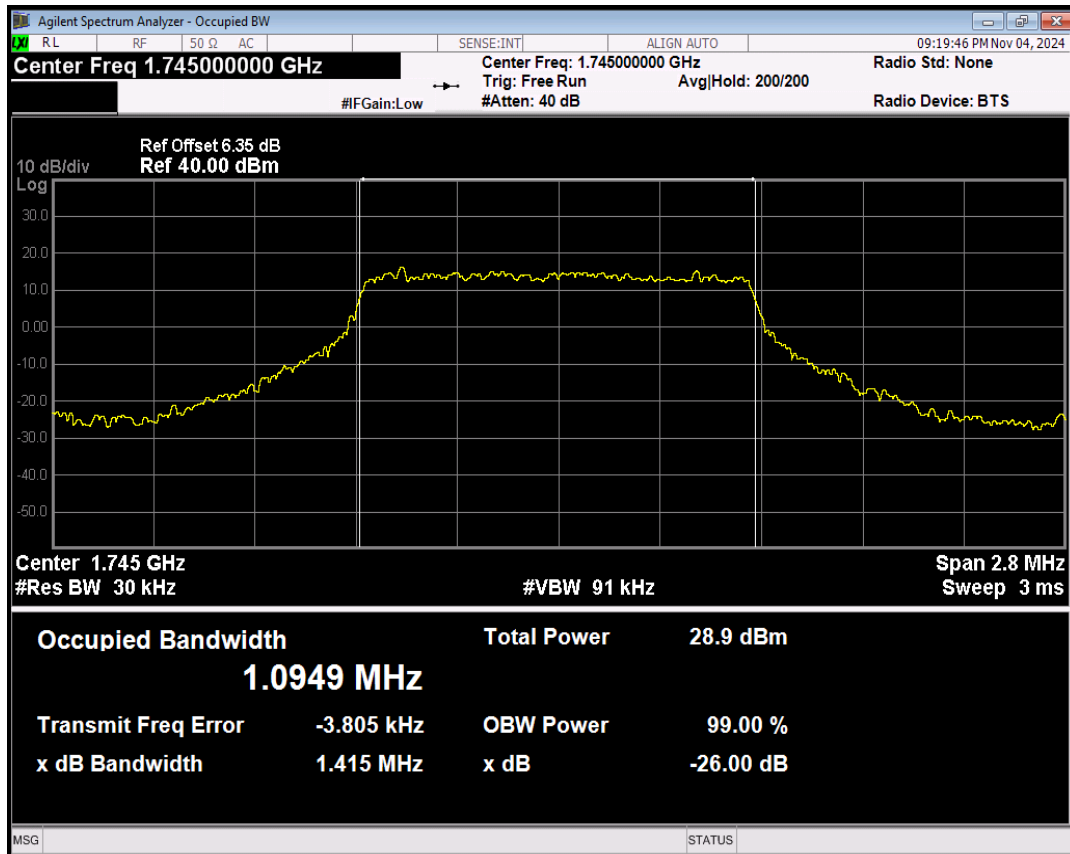
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0



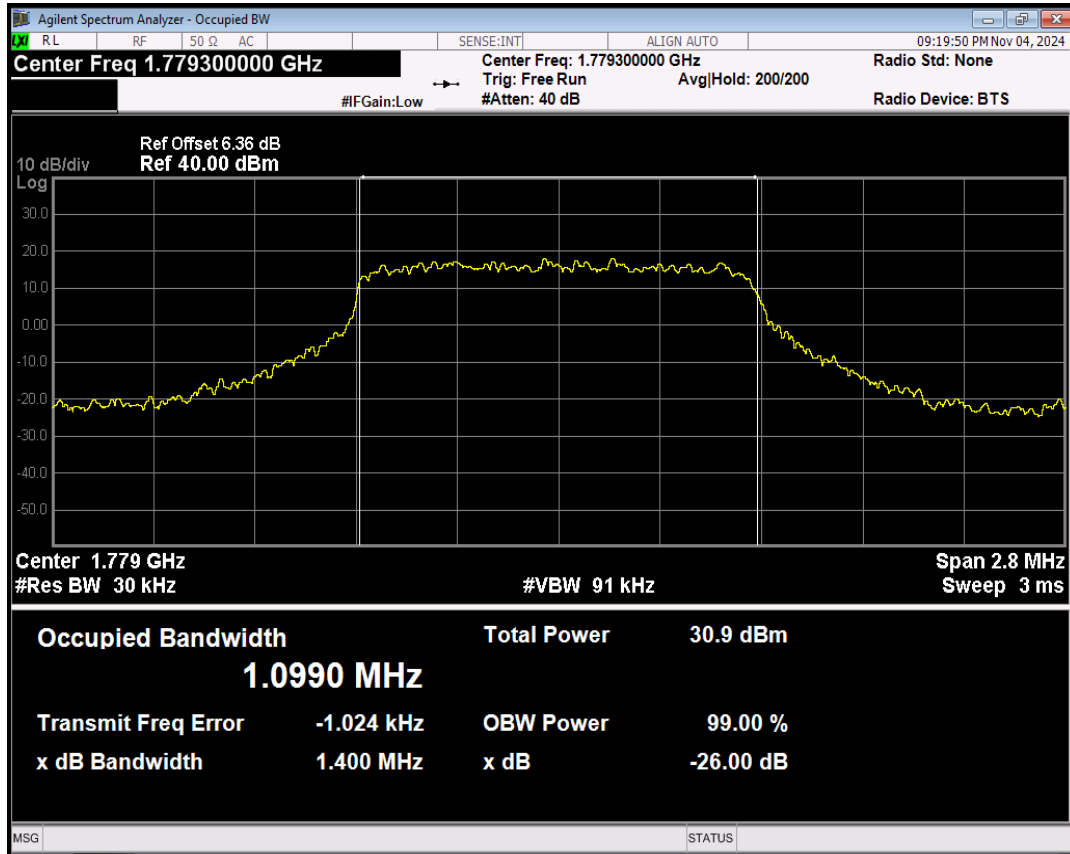
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



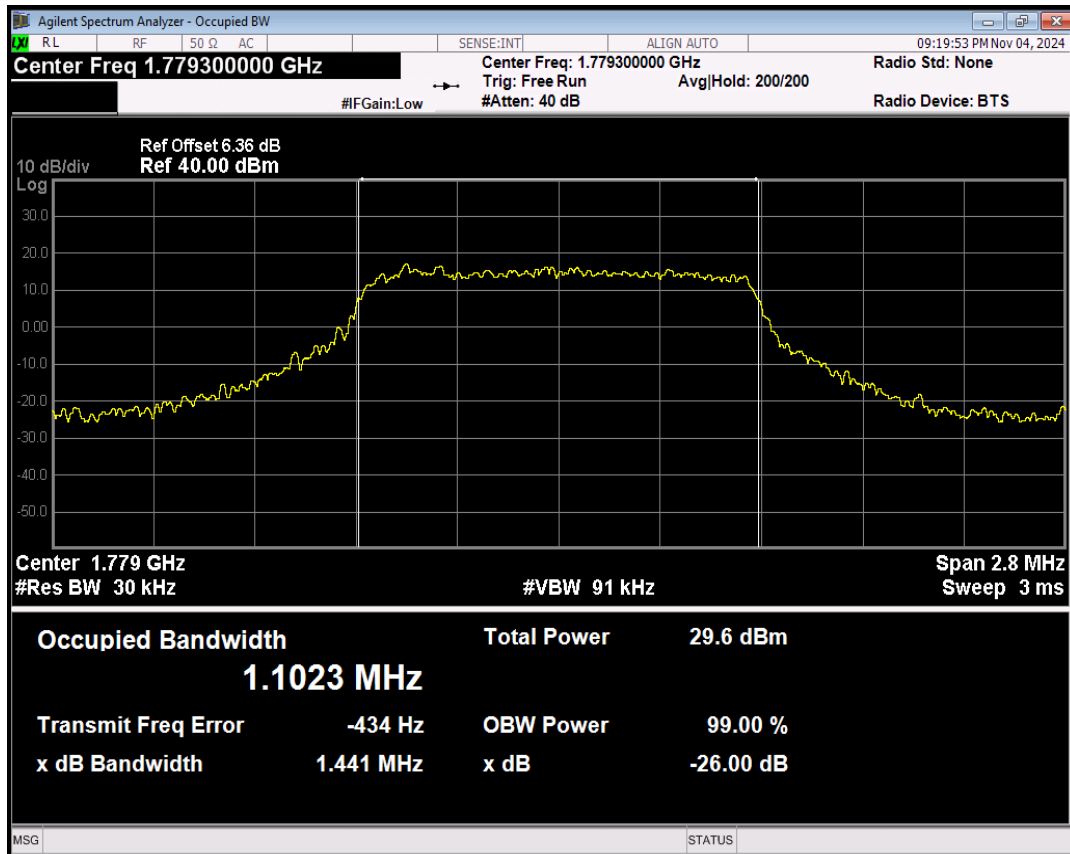
Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0



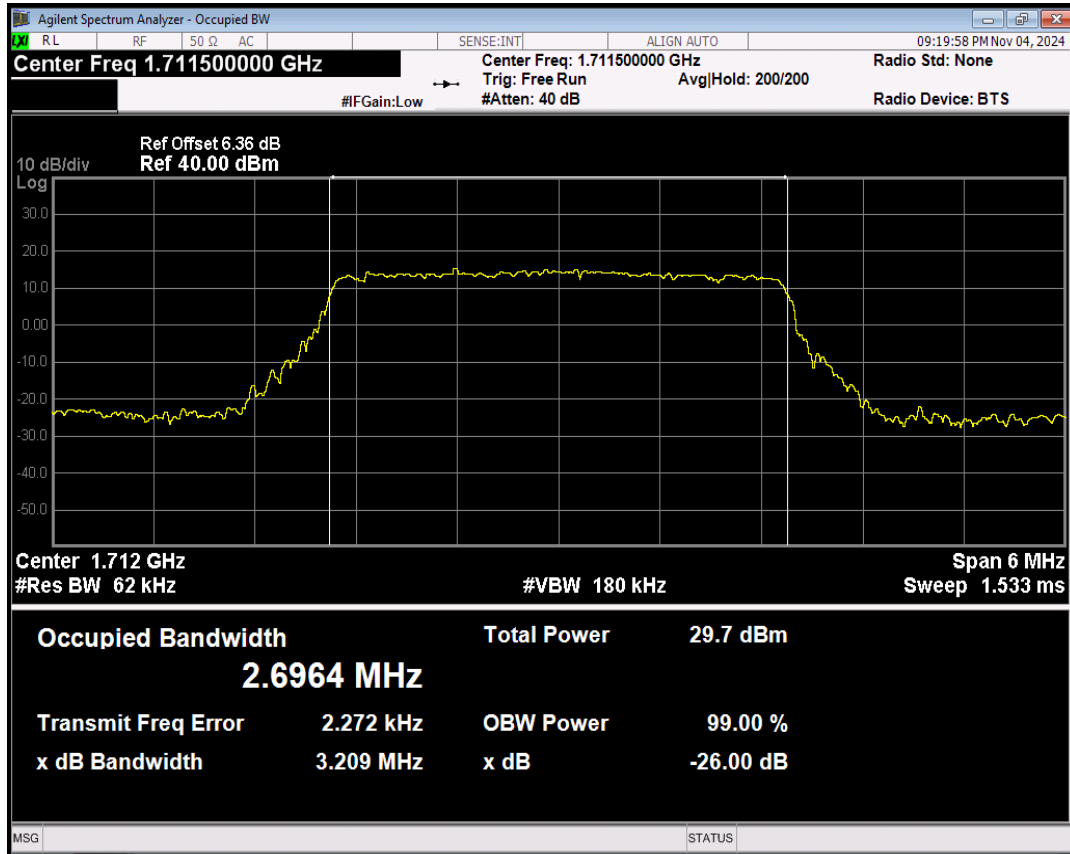
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



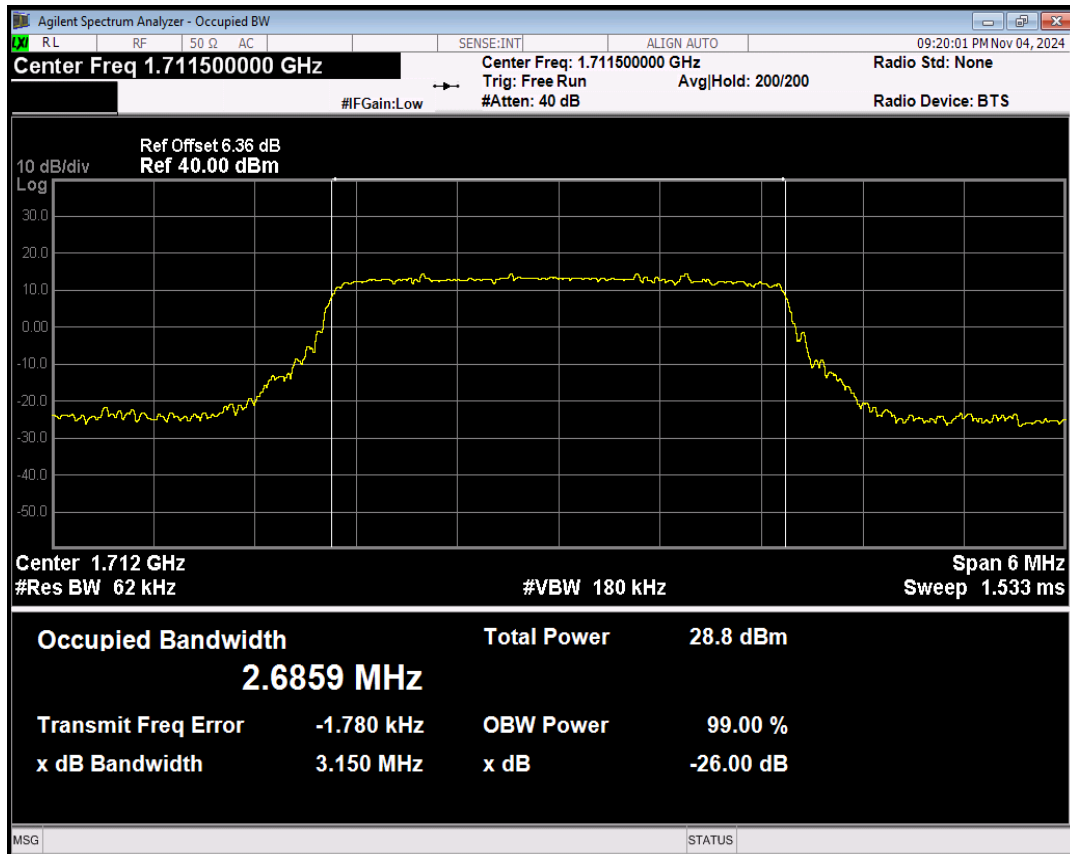
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0



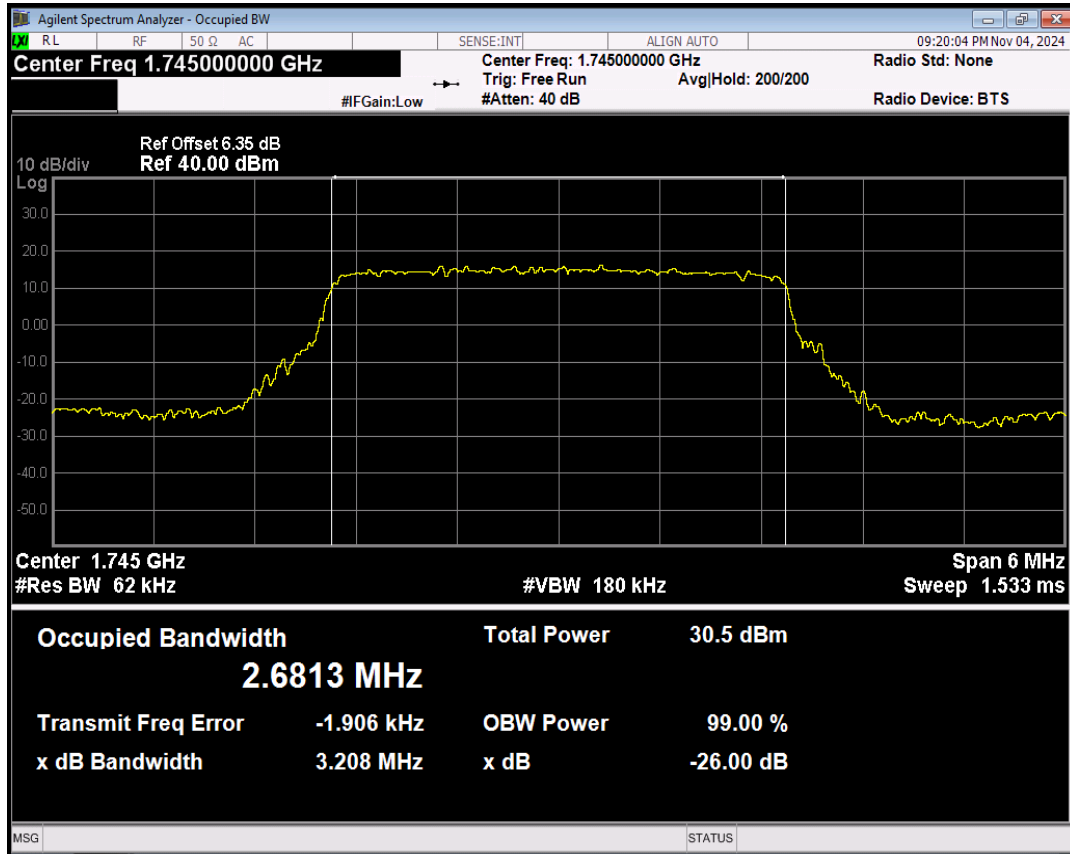
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



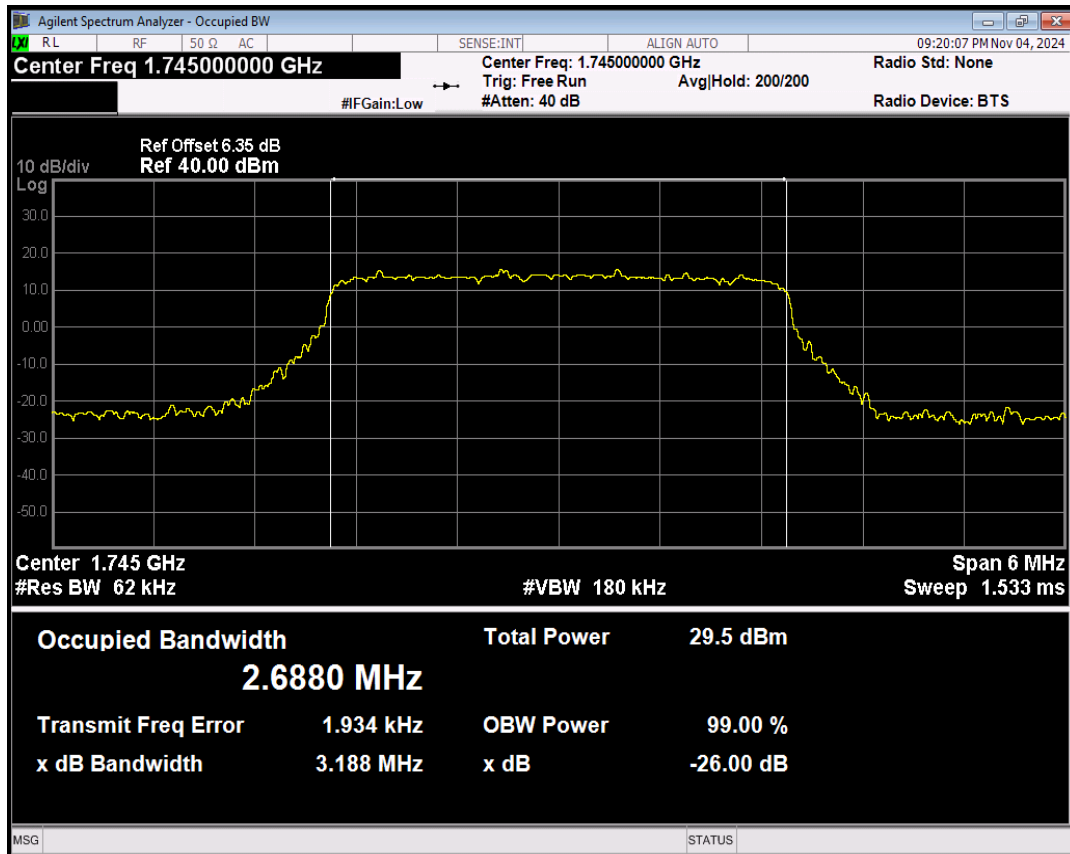
Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0



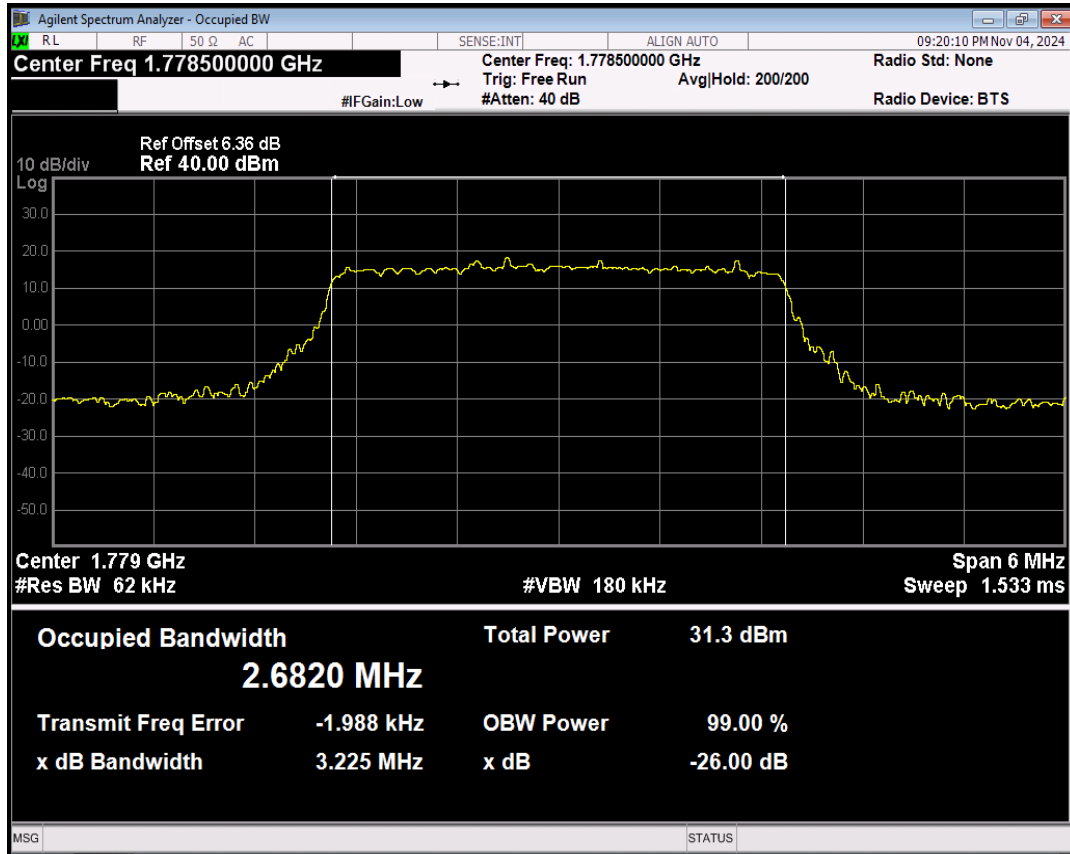
Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



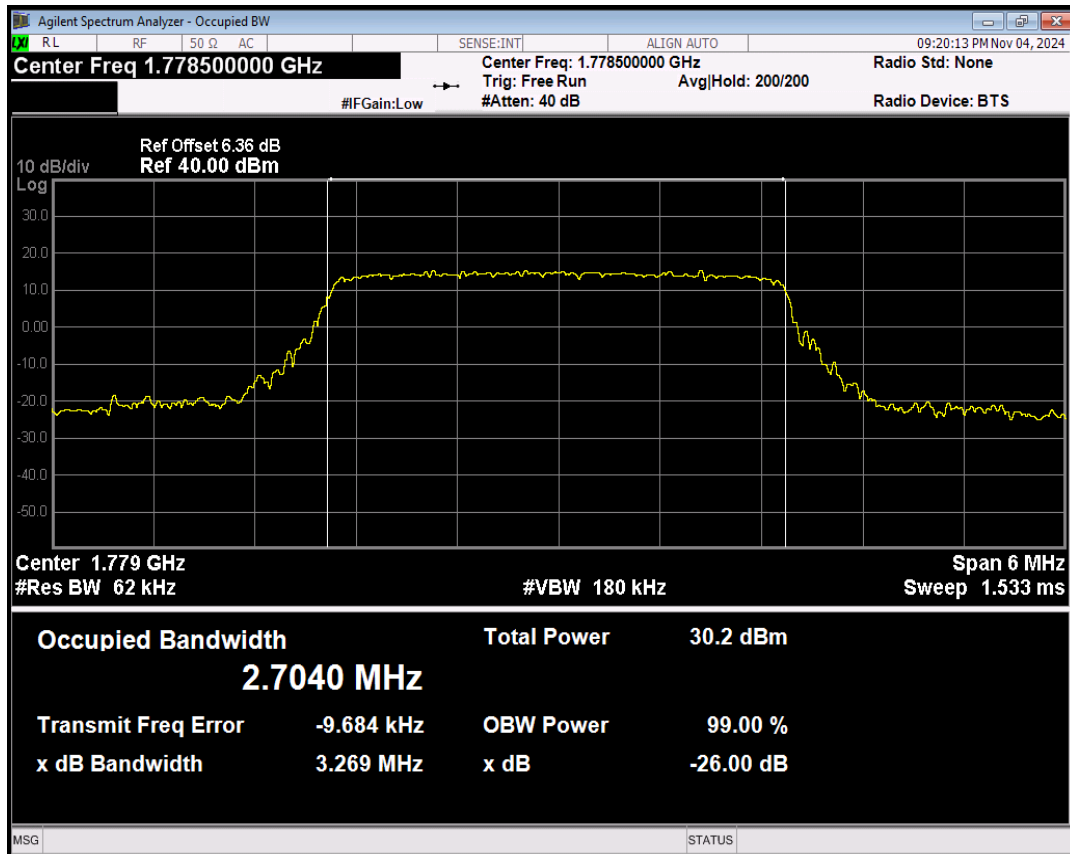
Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0



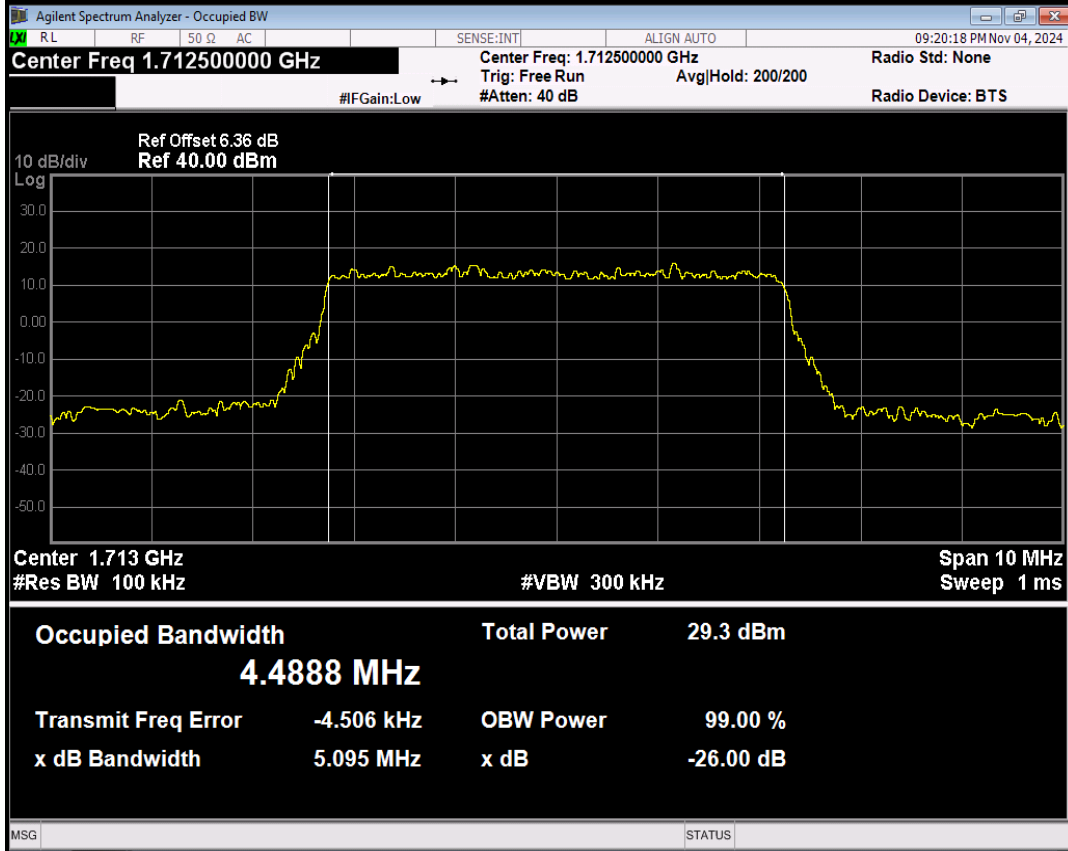
Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



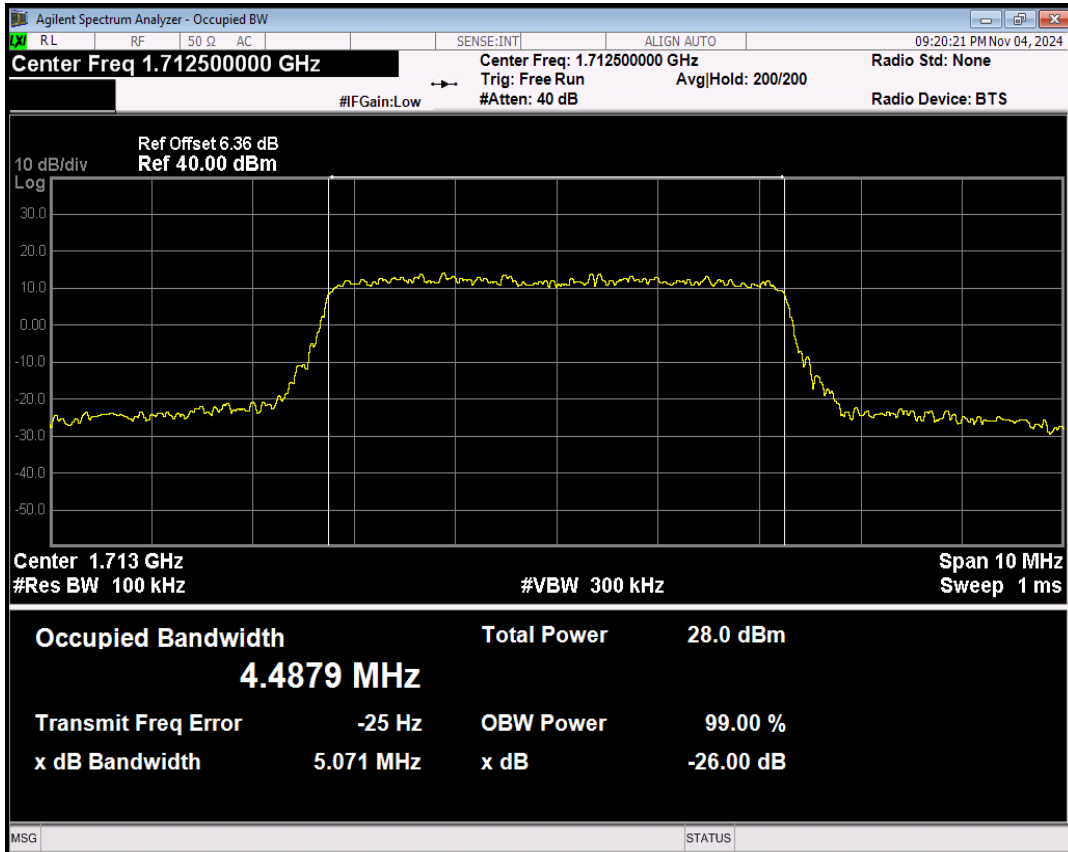
Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0



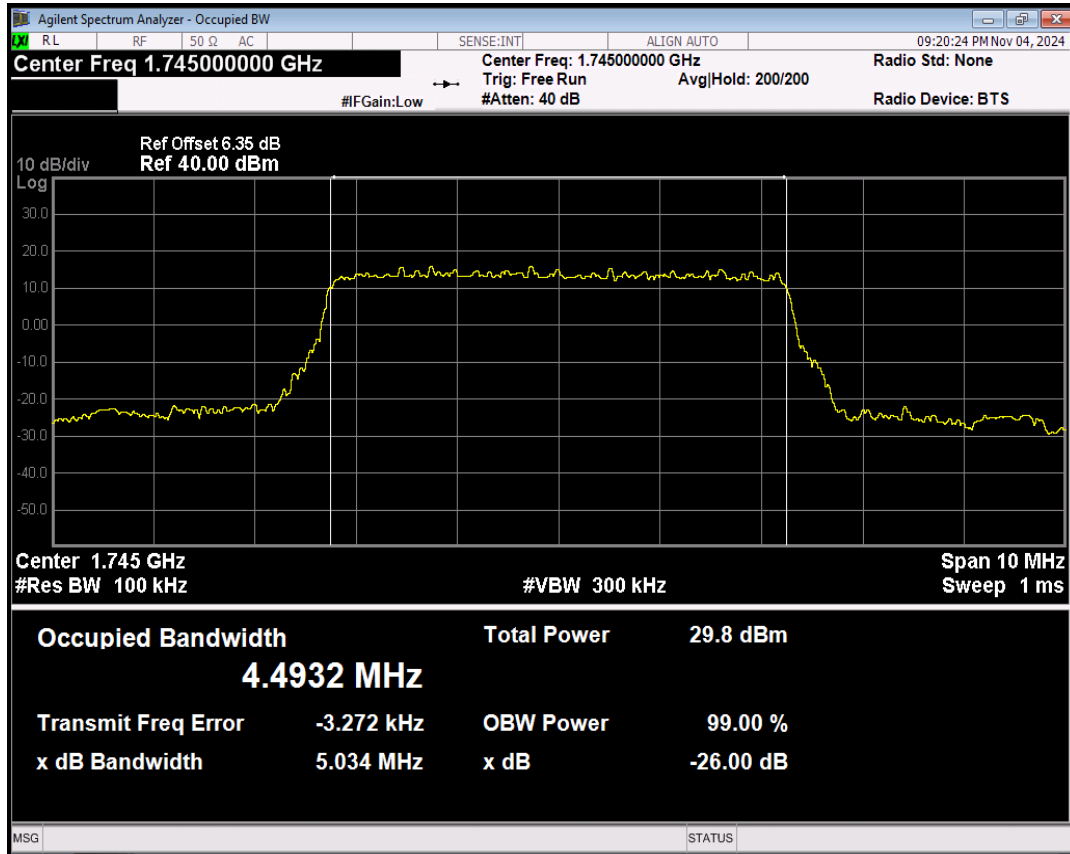
Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



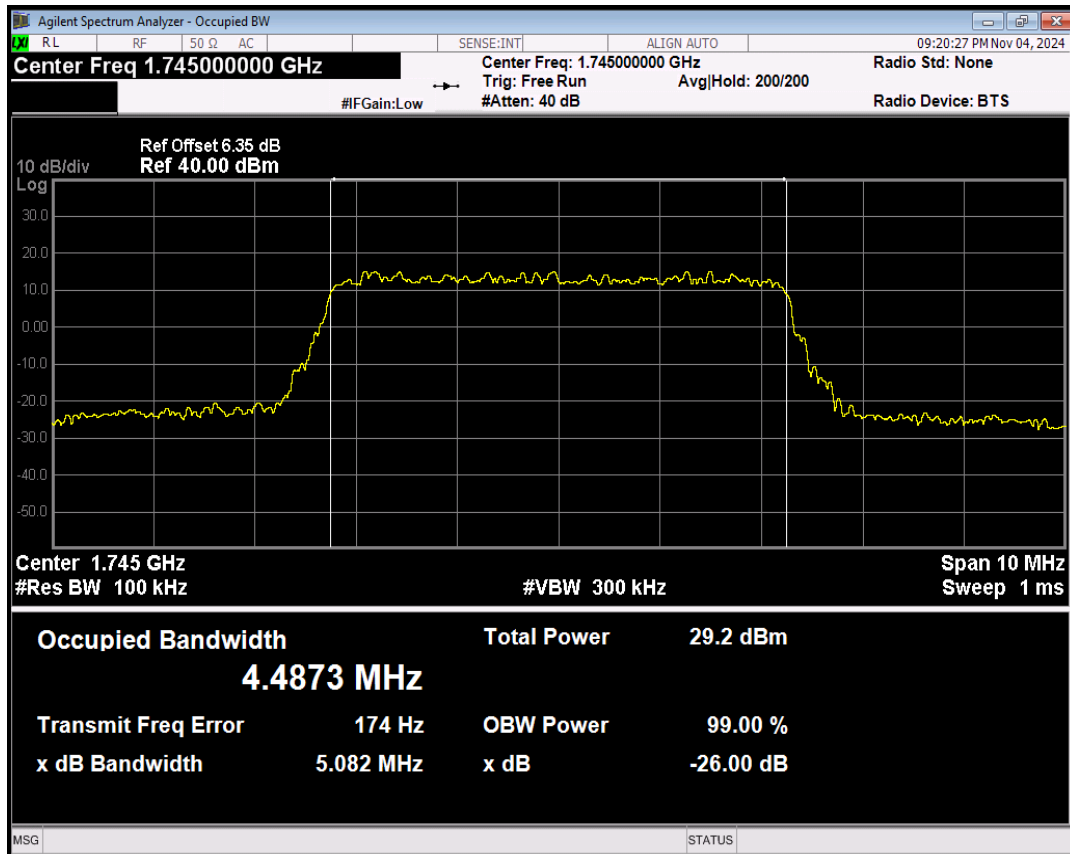
Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0



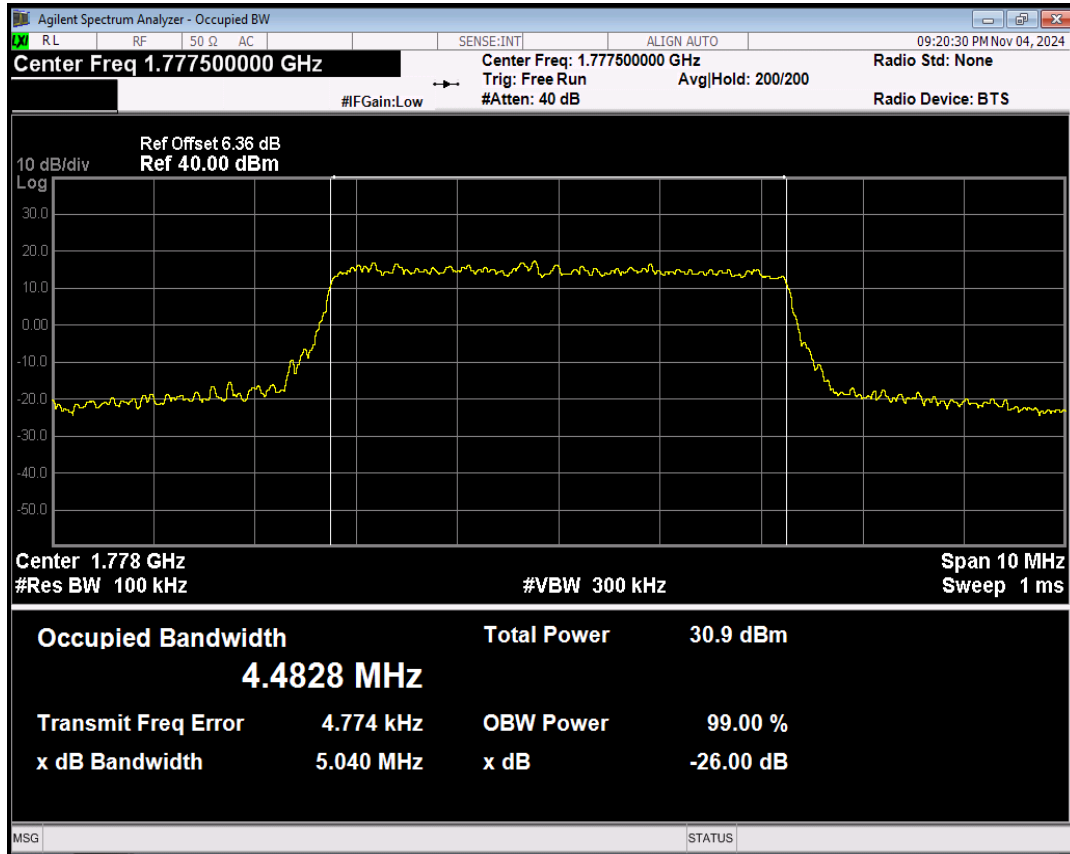
Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



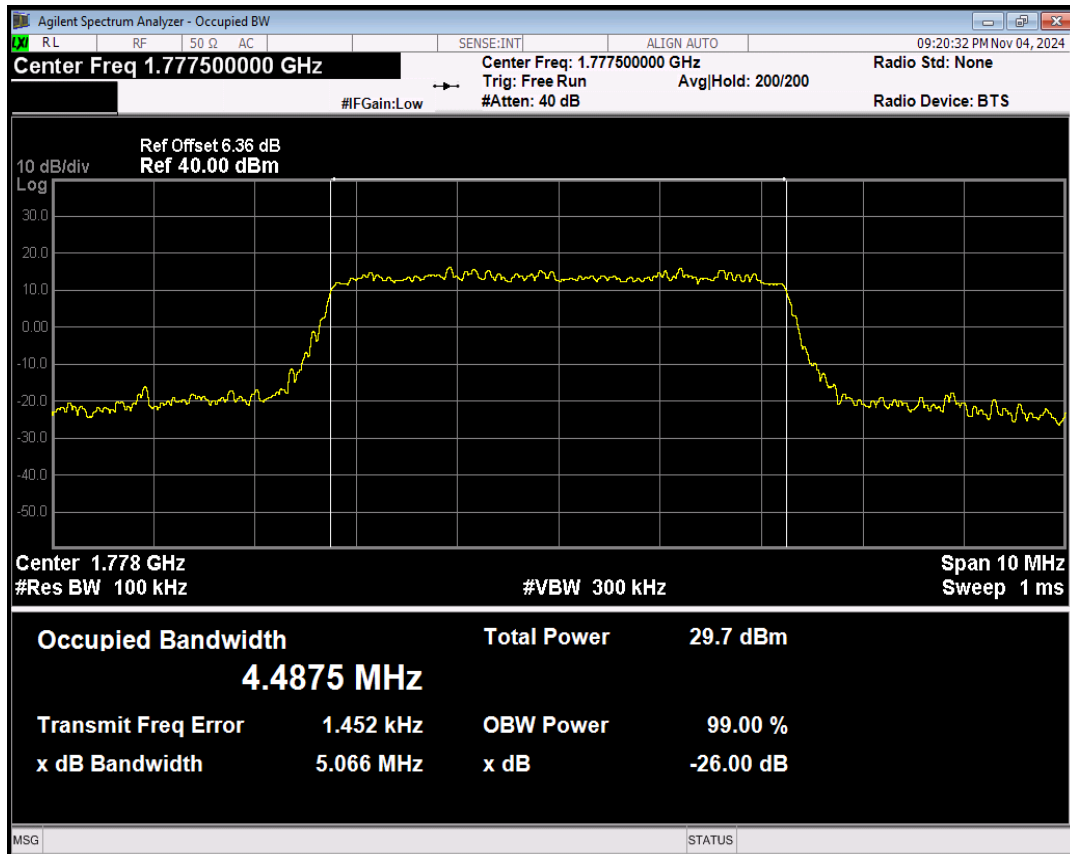
Band66 16QAM BW=5MHz Channel=132322 RB Size=25 Position=#0



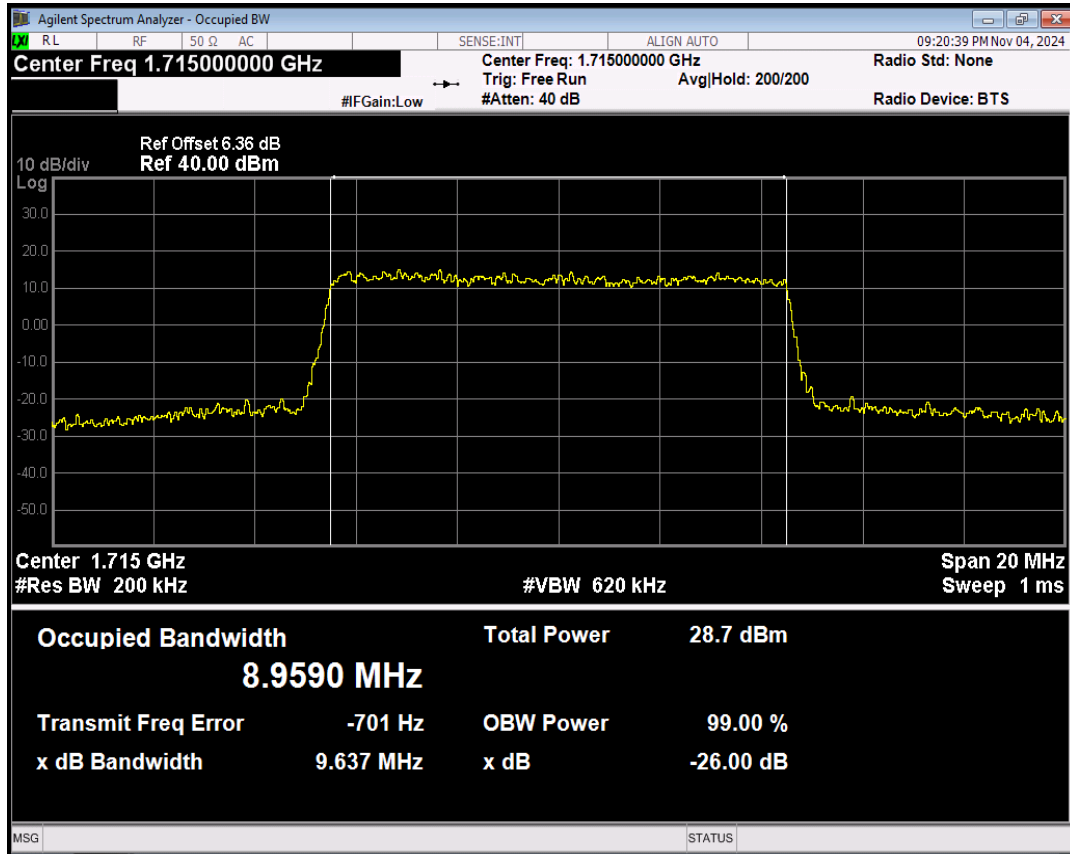
Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0



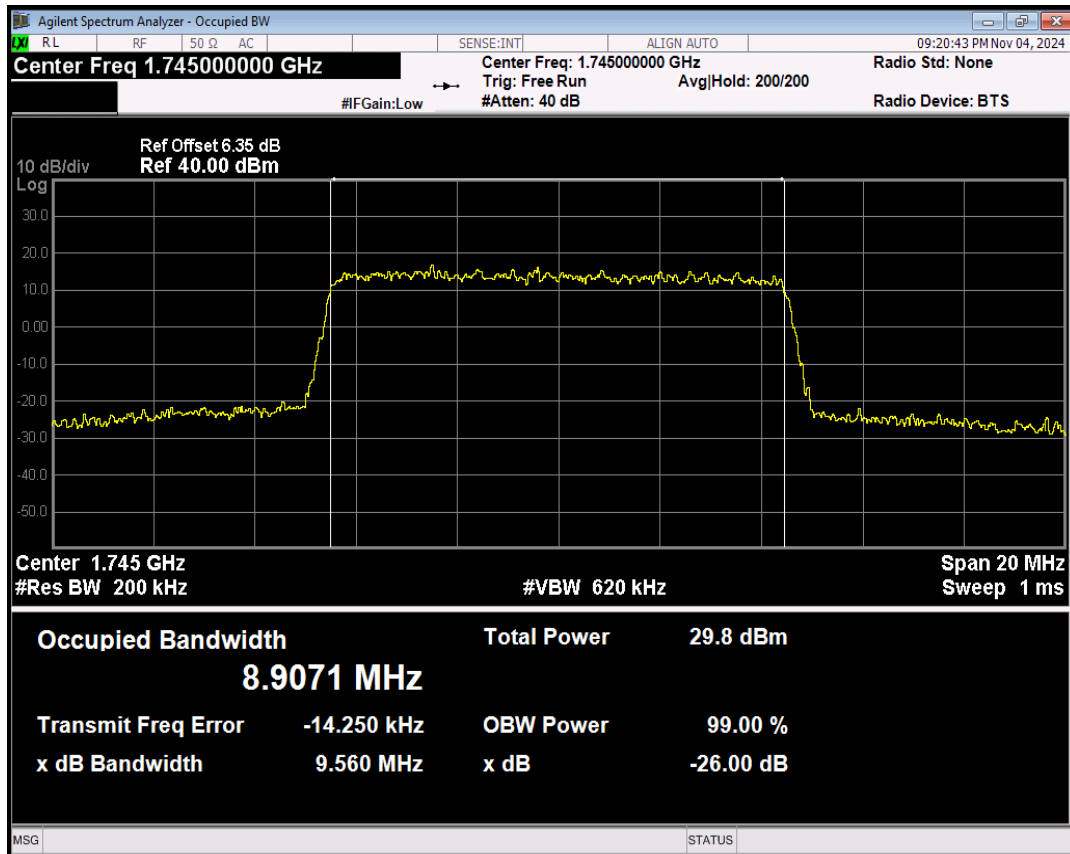
Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0



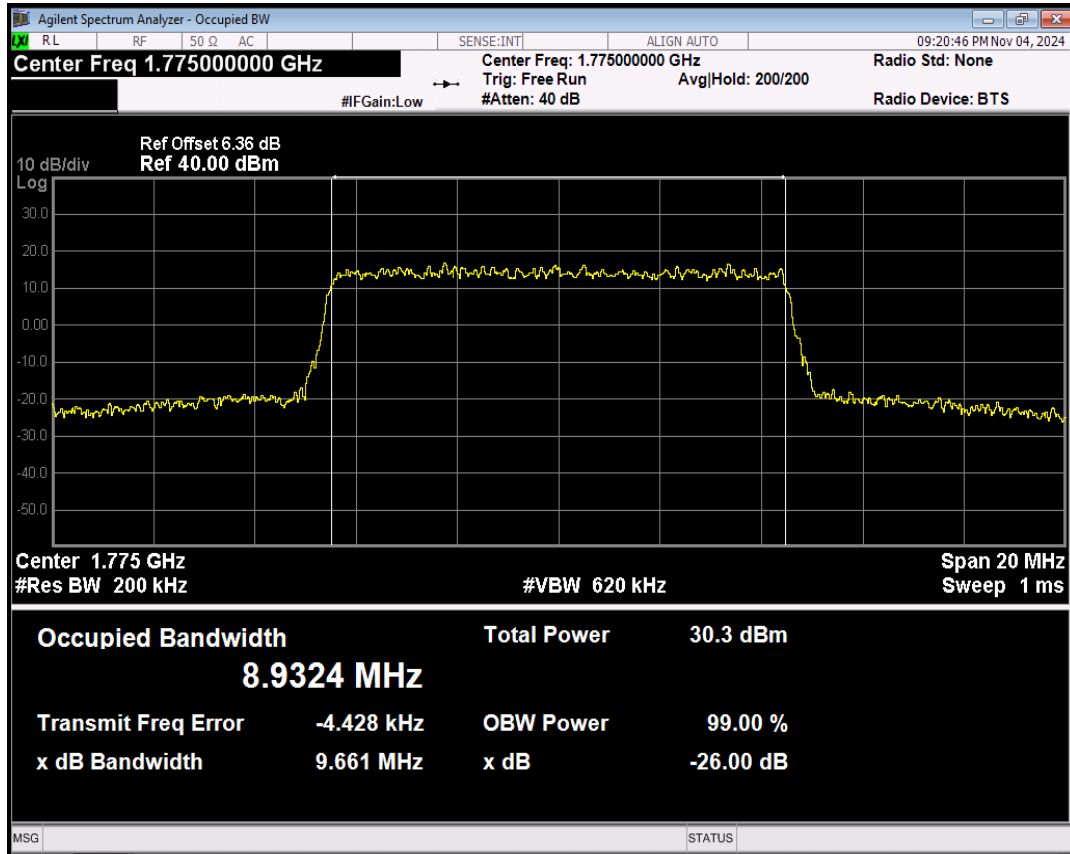
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



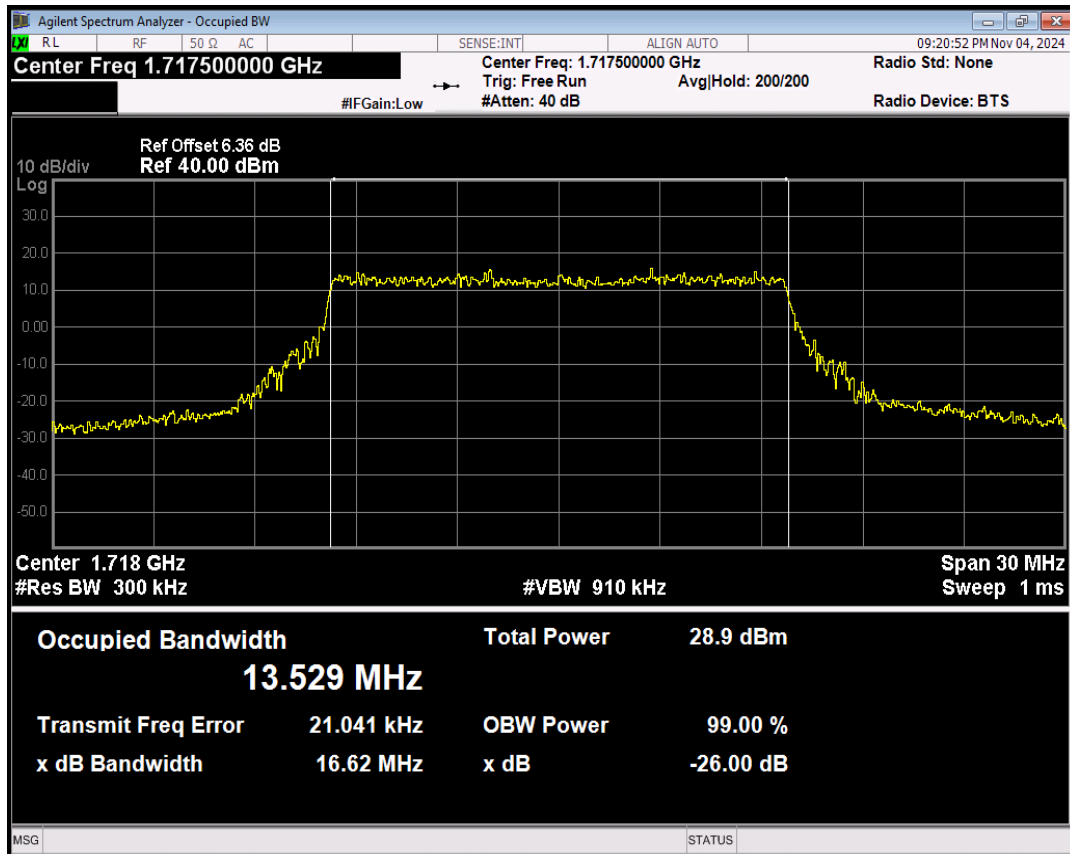
Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0



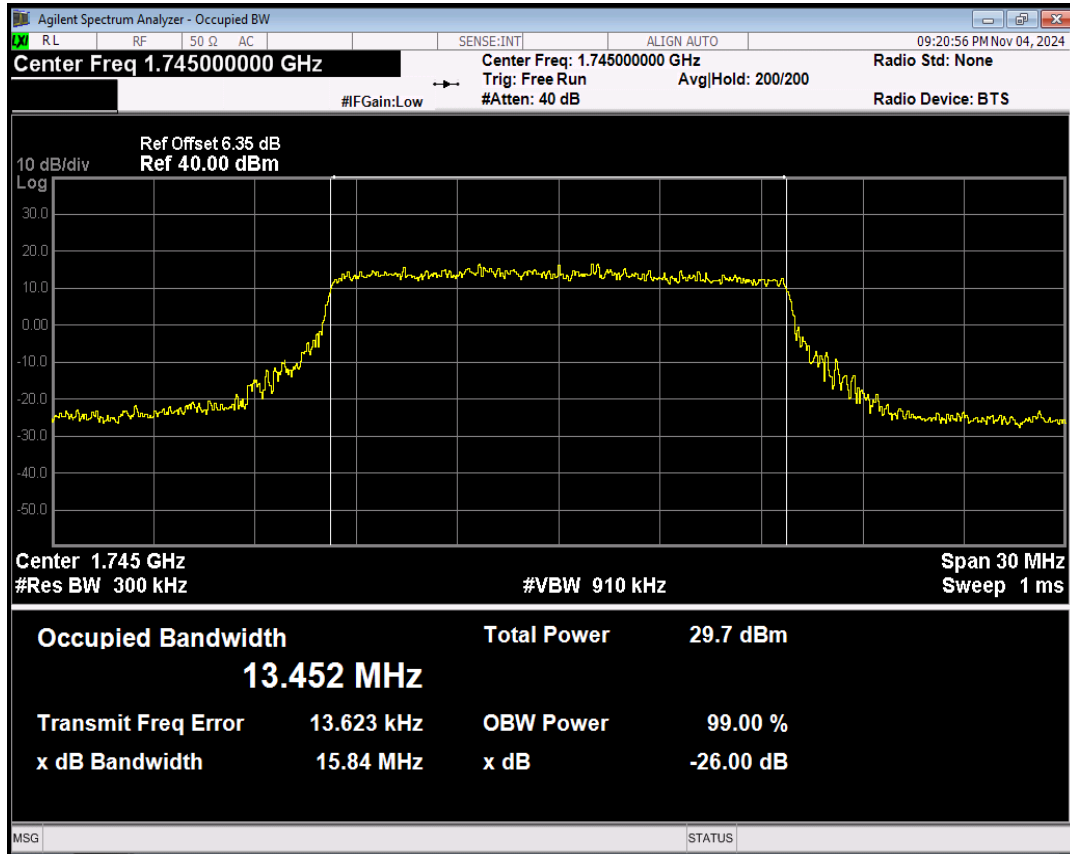
Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0



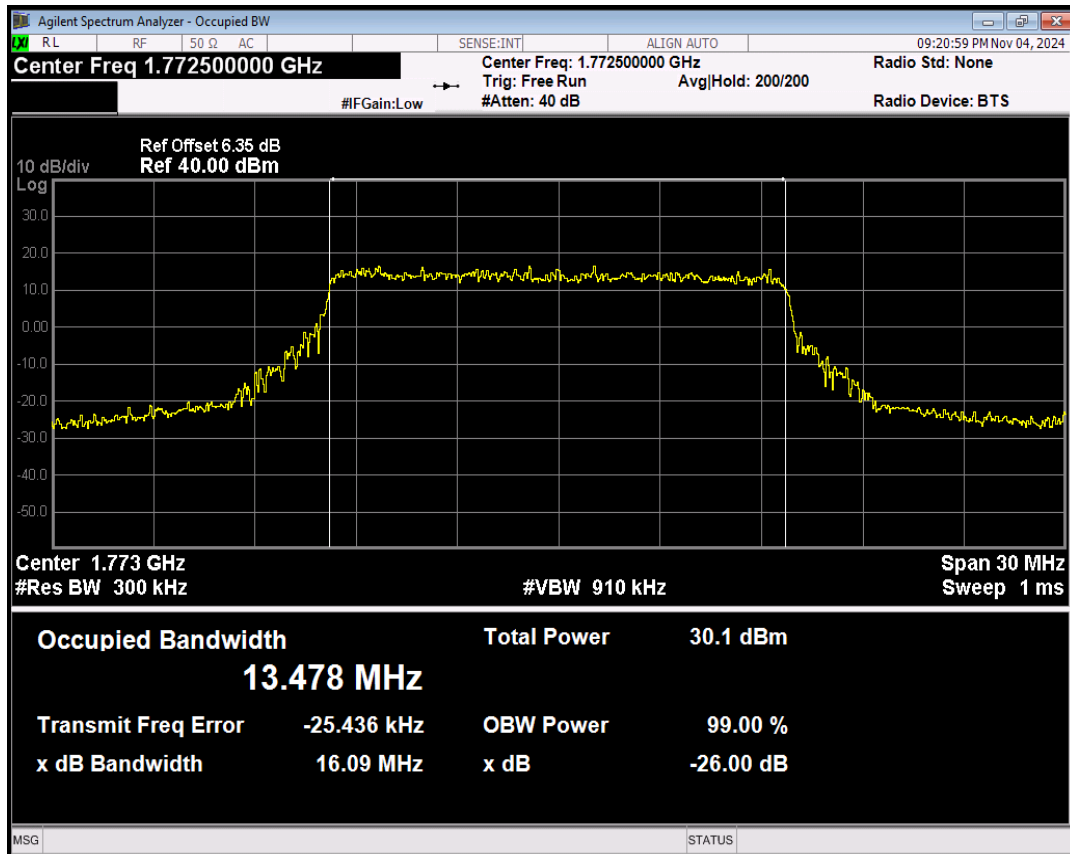
Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



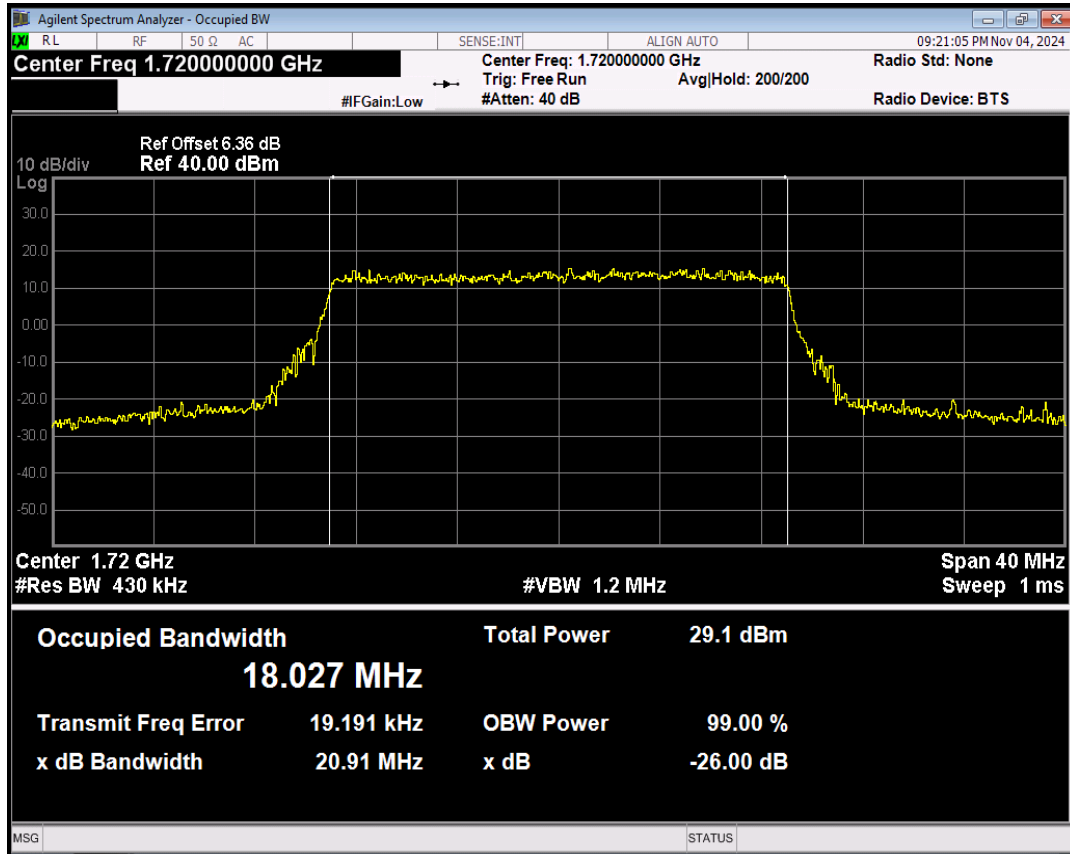
Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0



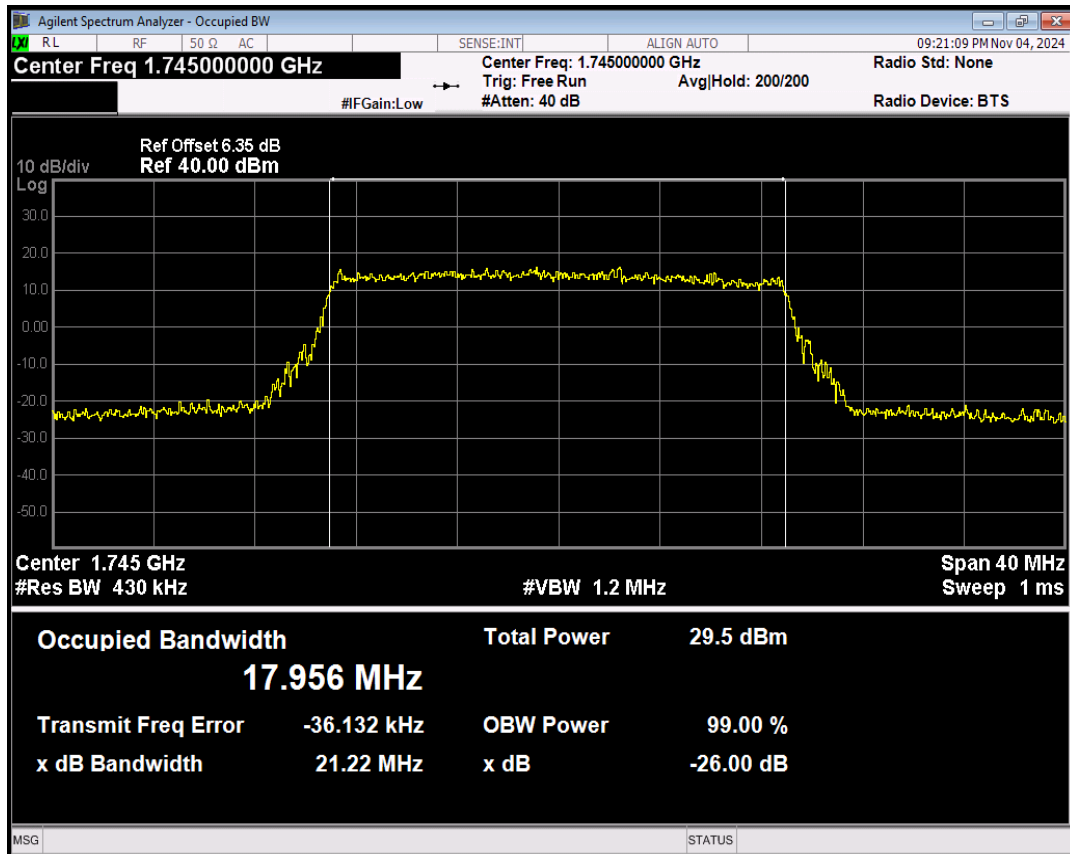
Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0



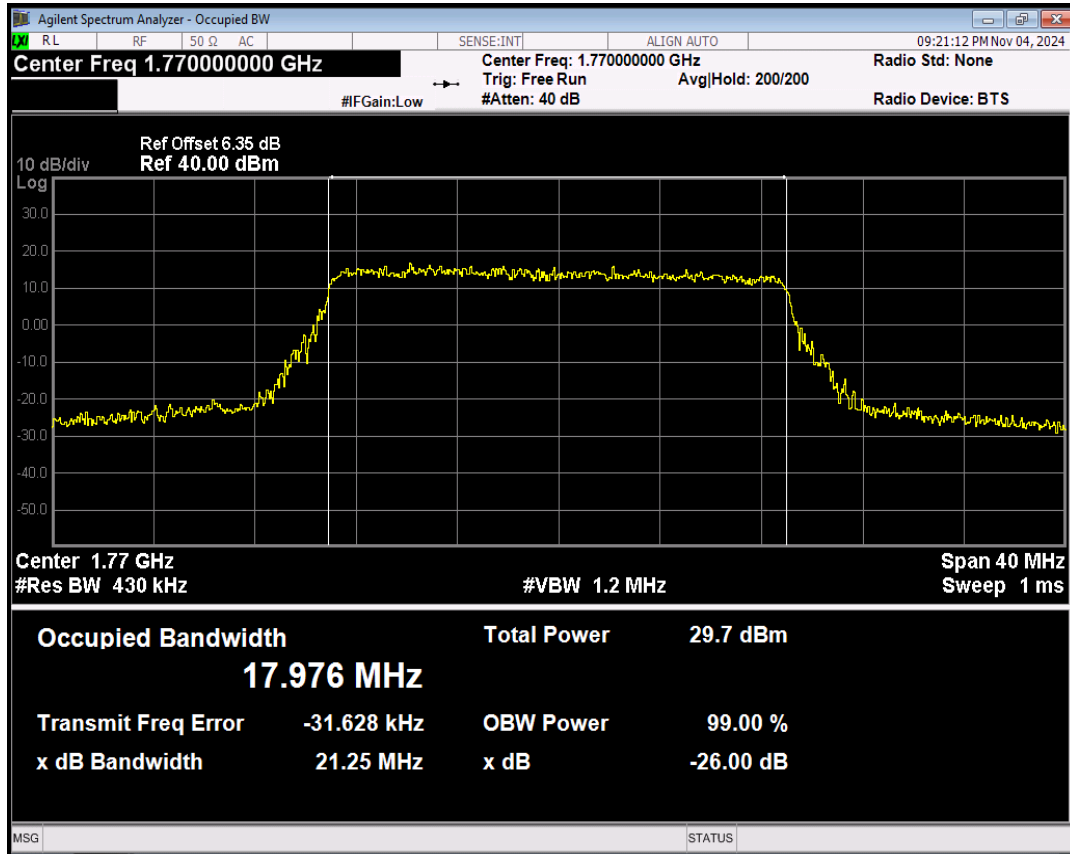
Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0



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



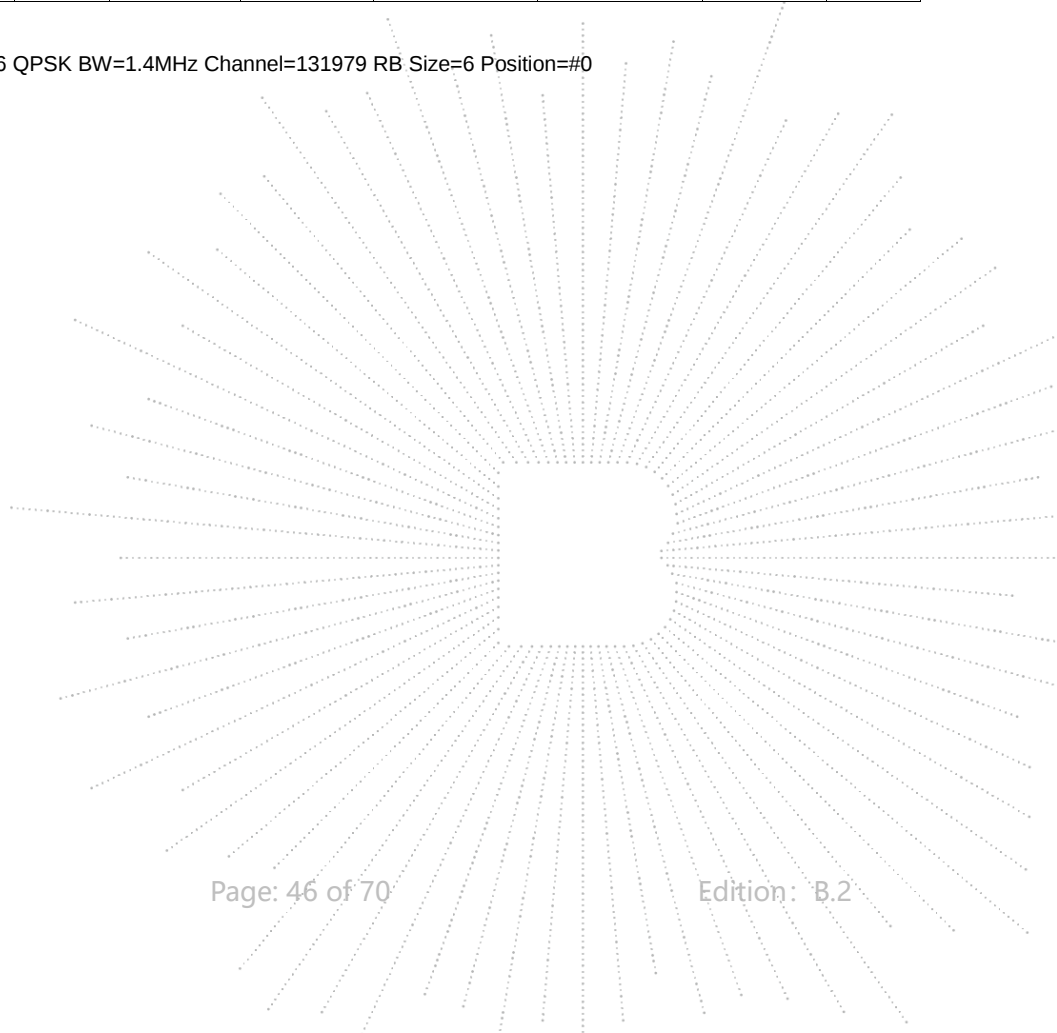
Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0

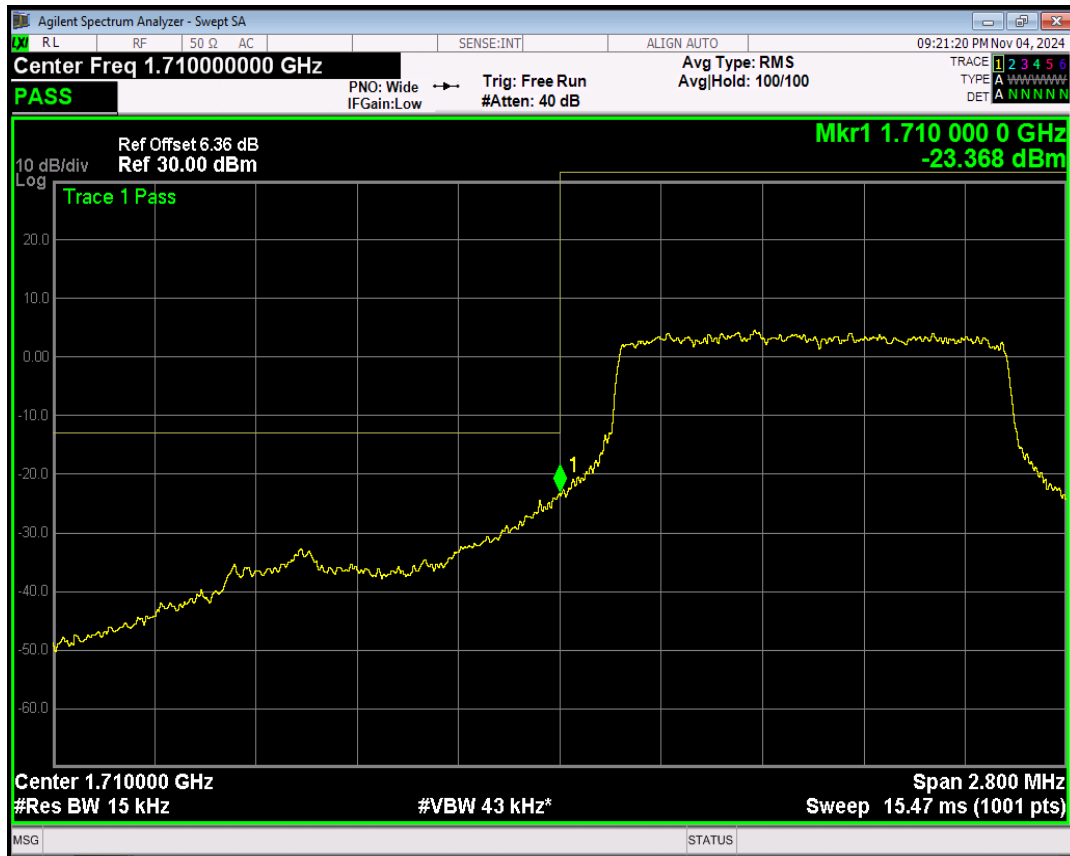


Appendix 5. Band edge

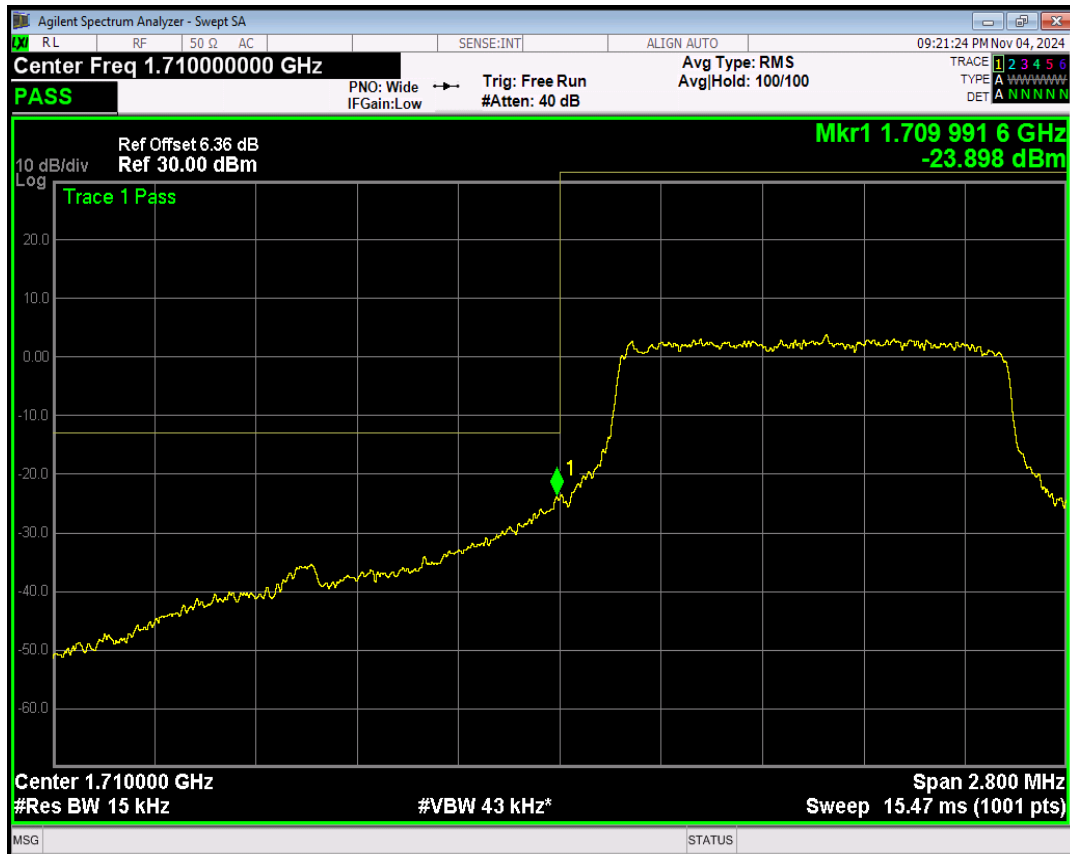
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band66	1.4	131979	6	#0	QPSK	1710.00	-23.36	-13	PASS
Band66	1.4	131979	6	#0	16QAM	1709.99	-23.89	-13	PASS
Band66	1.4	132665	6	#0	QPSK	1780.01	-21.63	-13	PASS
Band66	1.4	132665	6	#0	16QAM	1780.01	-23.34	-13	PASS
Band66	3	131987	15	#0	QPSK	1710.00	-22.23	-13	PASS
Band66	3	131987	15	#0	16QAM	1710.00	-24.86	-13	PASS
Band66	3	132657	15	#0	QPSK	1780.02	-23.28	-13	PASS
Band66	3	132657	15	#0	16QAM	1780.03	-23.57	-13	PASS
Band66	5	131997	25	#0	QPSK	1709.98	-26.13	-13	PASS
Band66	5	131997	25	#0	16QAM	1710.00	-27.36	-13	PASS
Band66	5	132647	25	#0	QPSK	1780.06	-25.96	-13	PASS
Band66	5	132647	25	#0	16QAM	1780.07	-26.46	-13	PASS
Band66	10	132022	50	#0	QPSK	1709.78	-31.99	-13	PASS
Band66	10	132622	50	#0	QPSK	1780.18	-29.30	-13	PASS
Band66	15	132047	75	#0	QPSK	1709.73	-26.55	-13	PASS
Band66	15	132597	75	#0	QPSK	1780.03	-26.52	-13	PASS
Band66	20	132072	100	#0	QPSK	1709.64	-27.05	-13	PASS
Band66	20	132572	100	#0	QPSK	1780.08	-29.62	-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



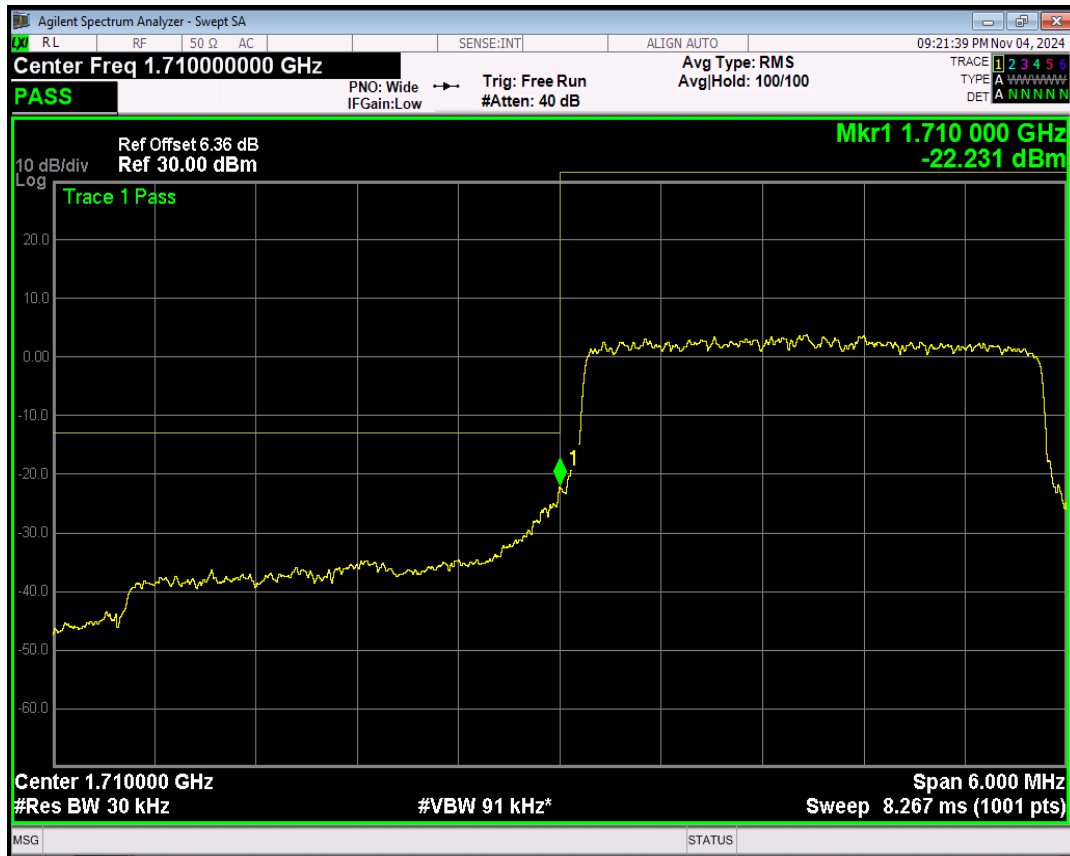
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



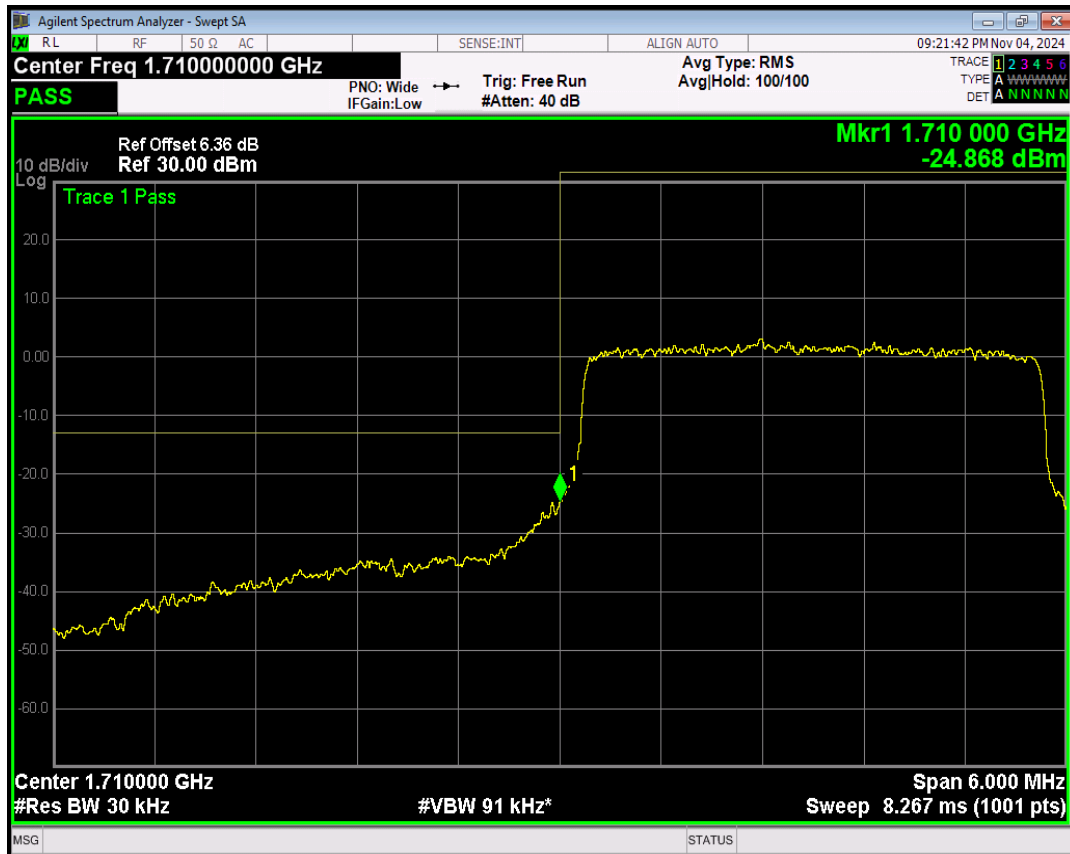
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0



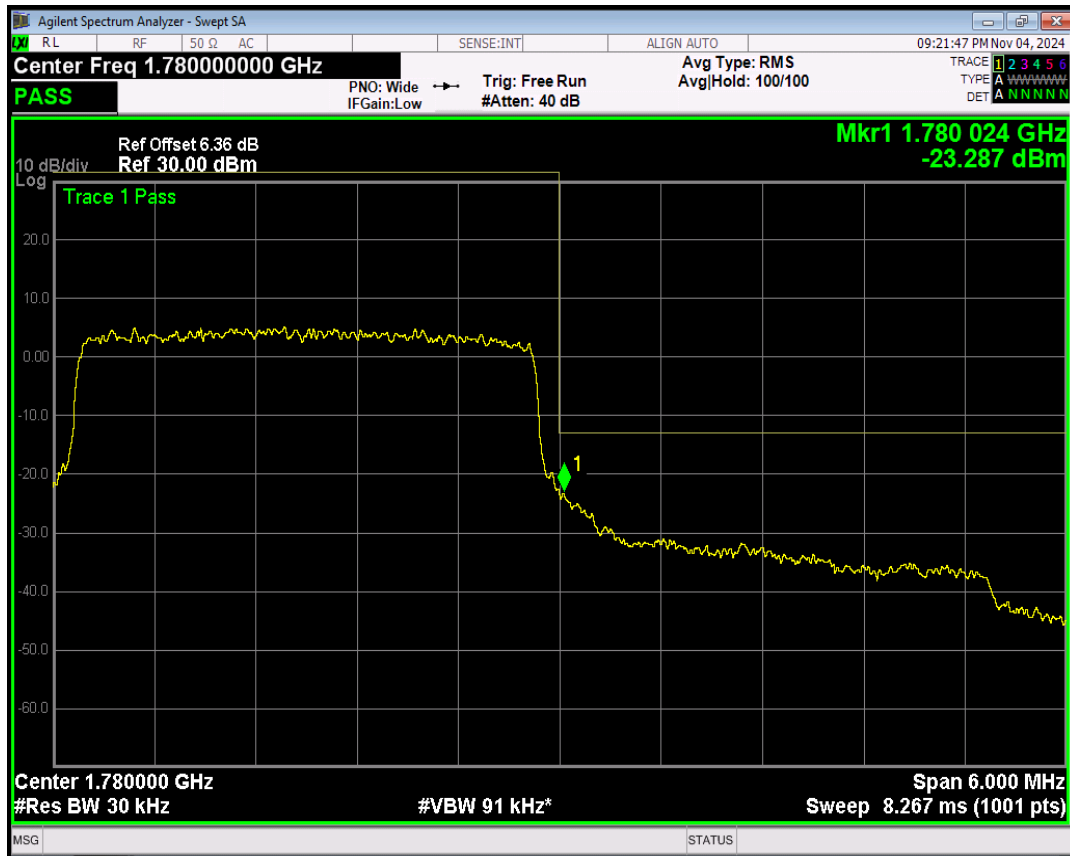
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



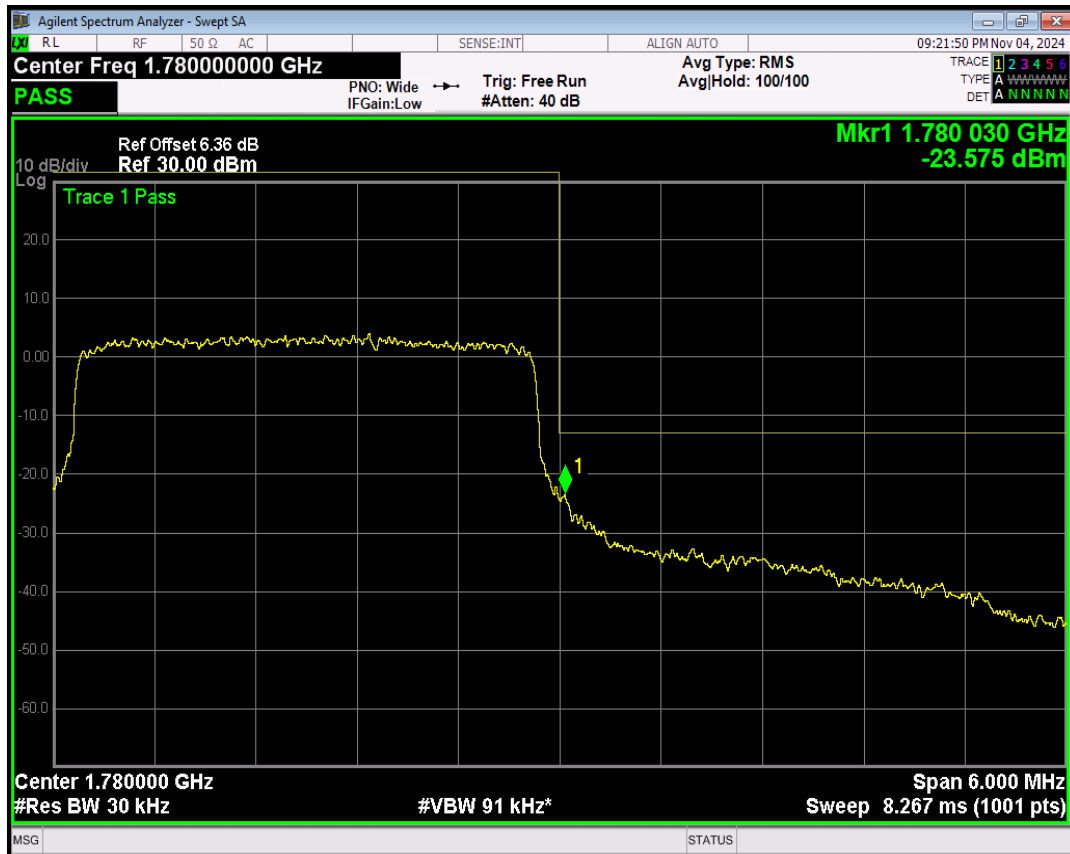
Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0



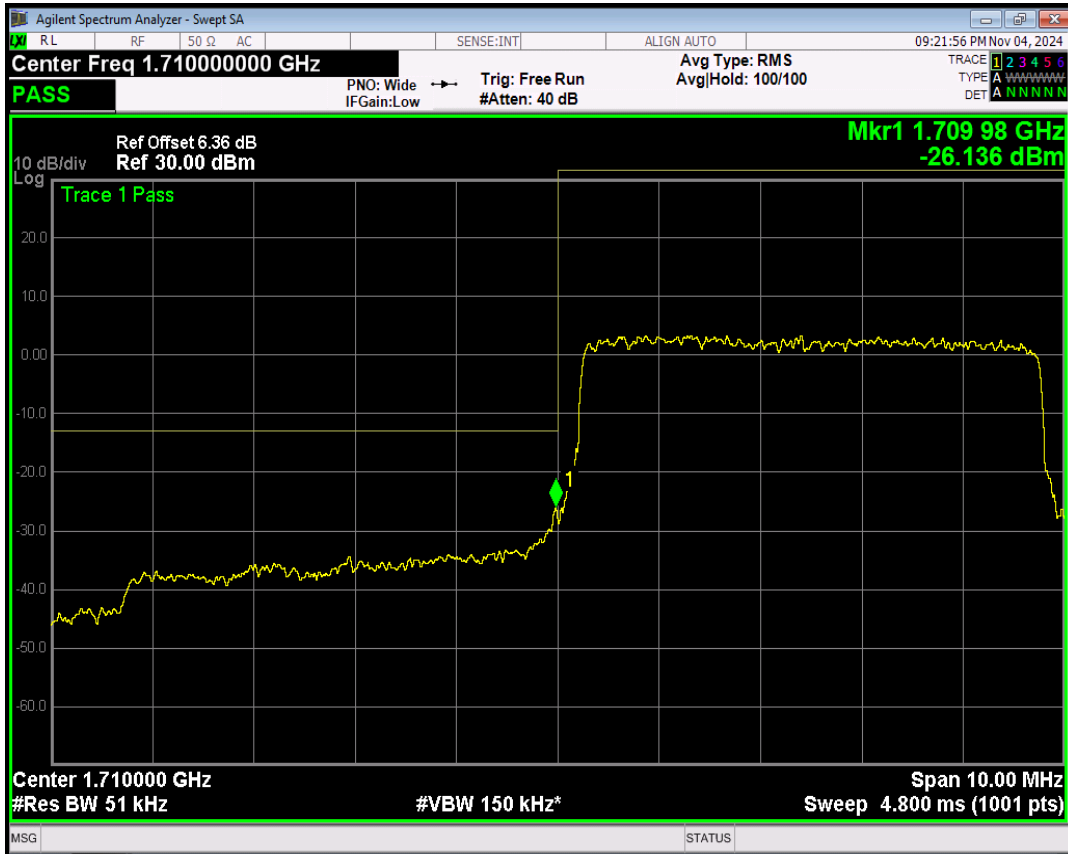
Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



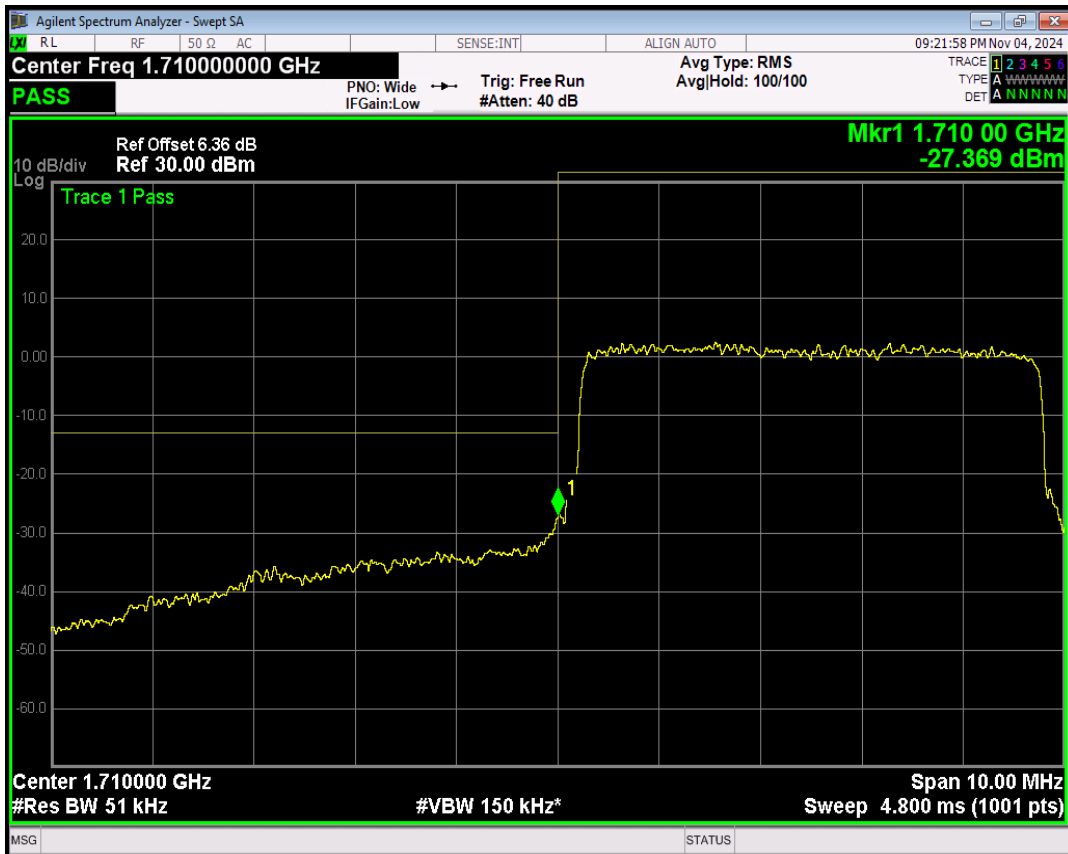
Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0



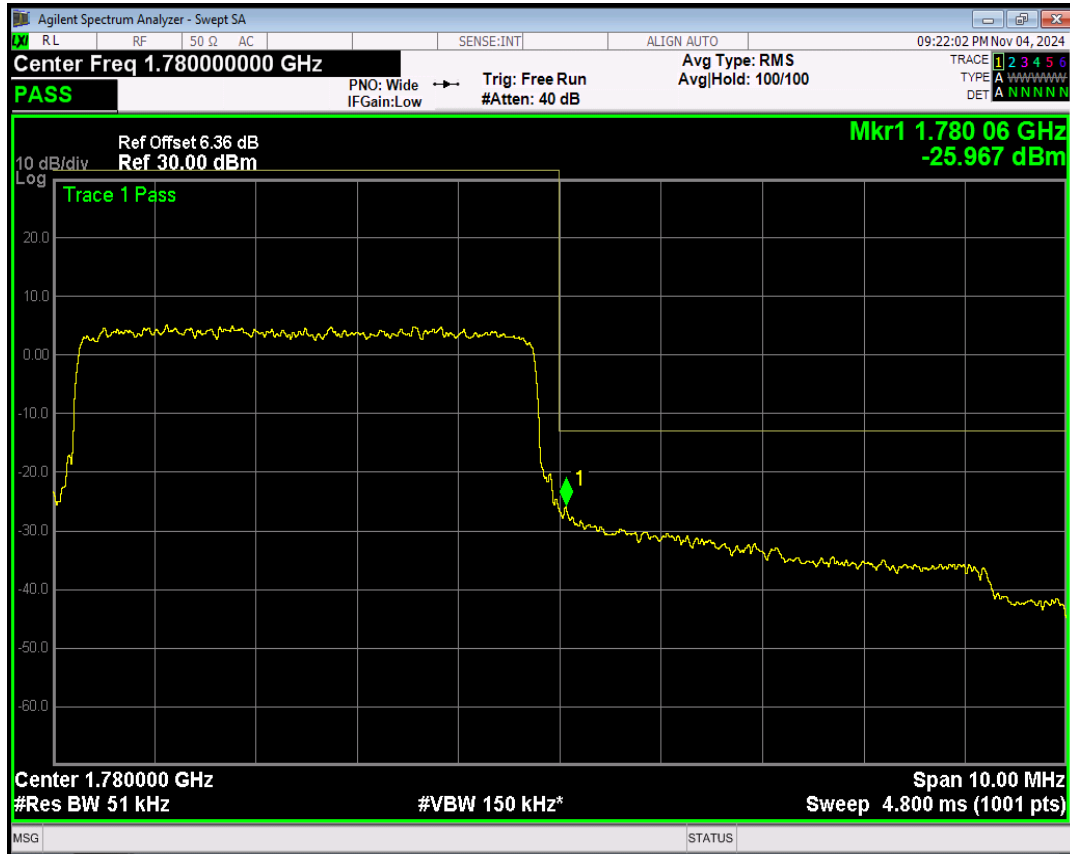
Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



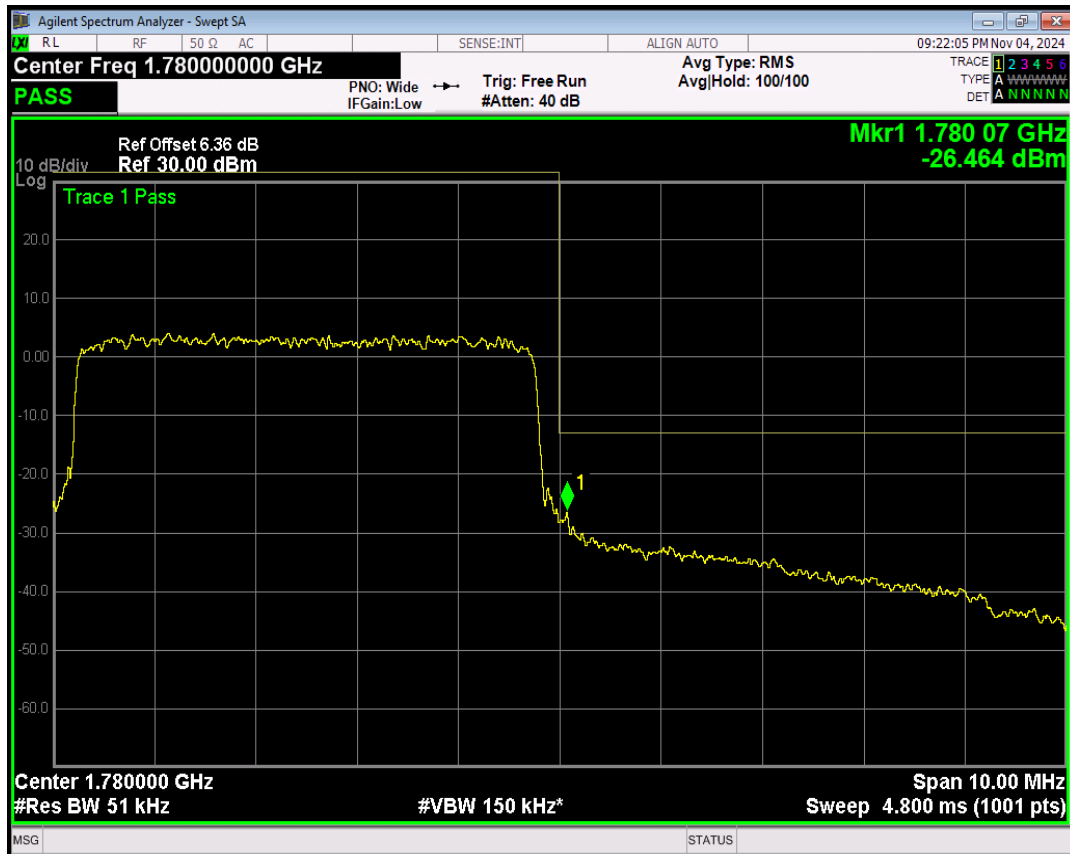
Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0



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



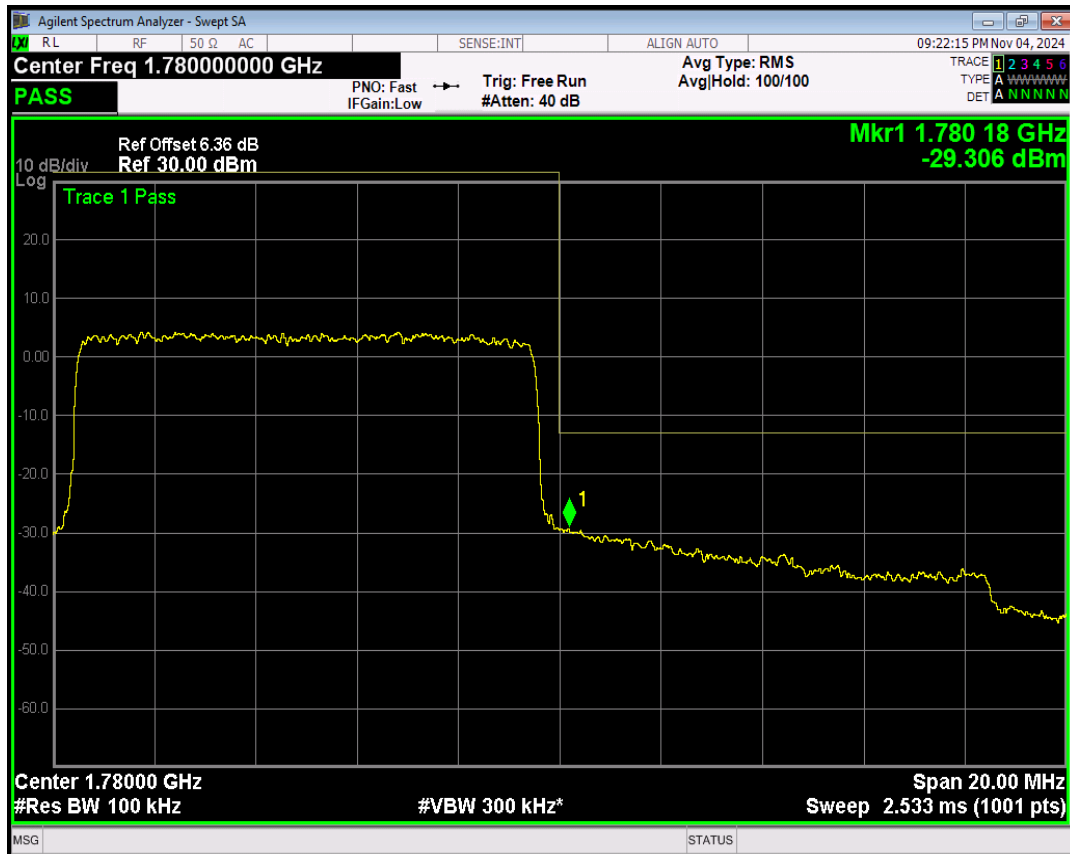
Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0



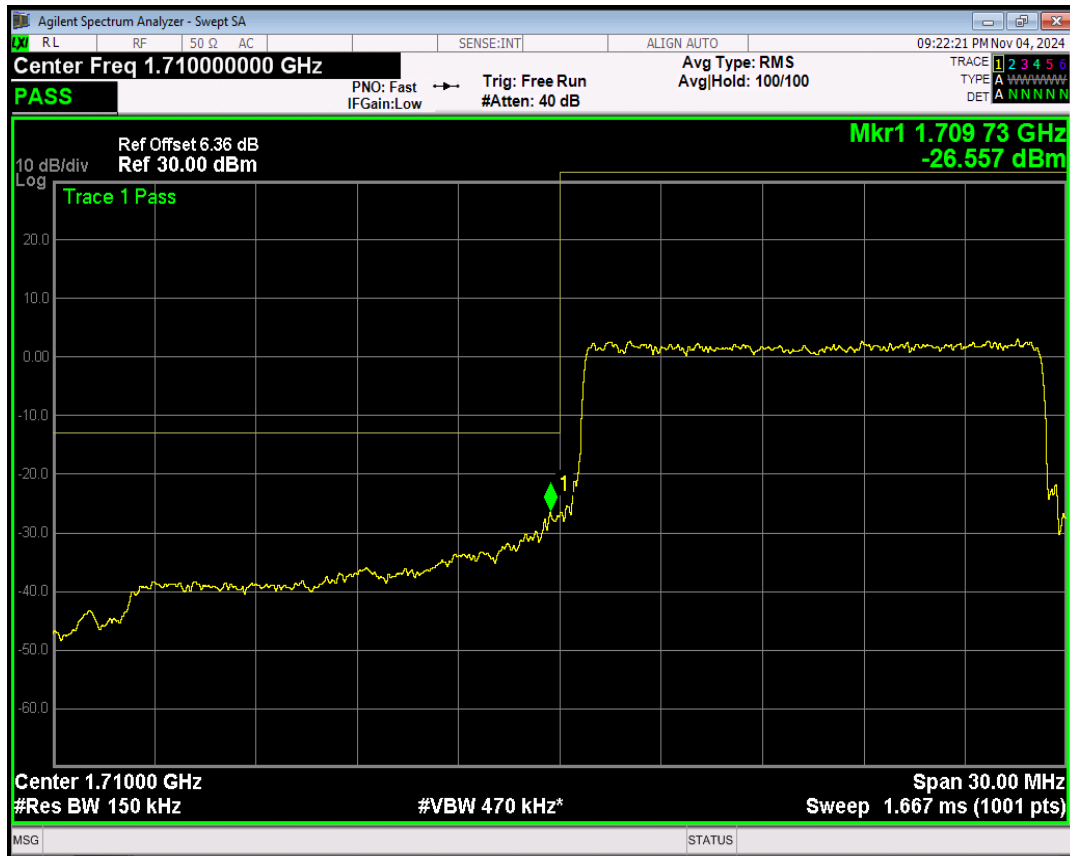
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



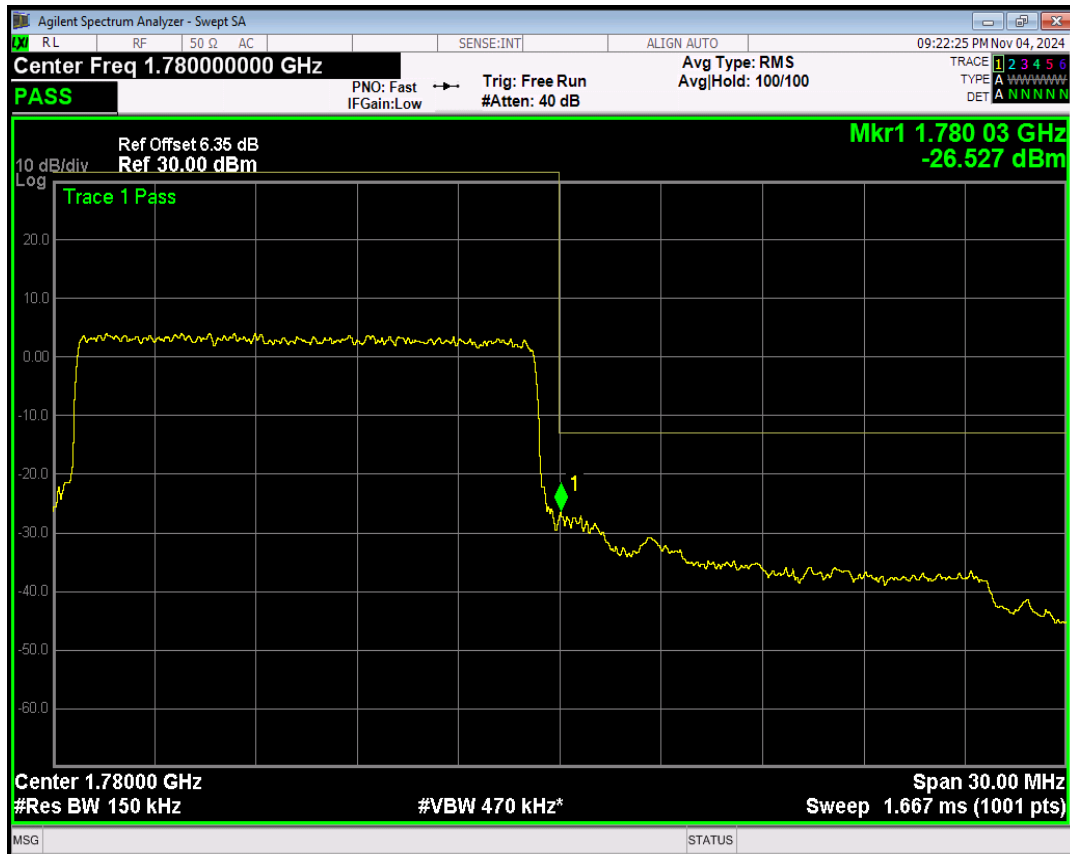
Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0



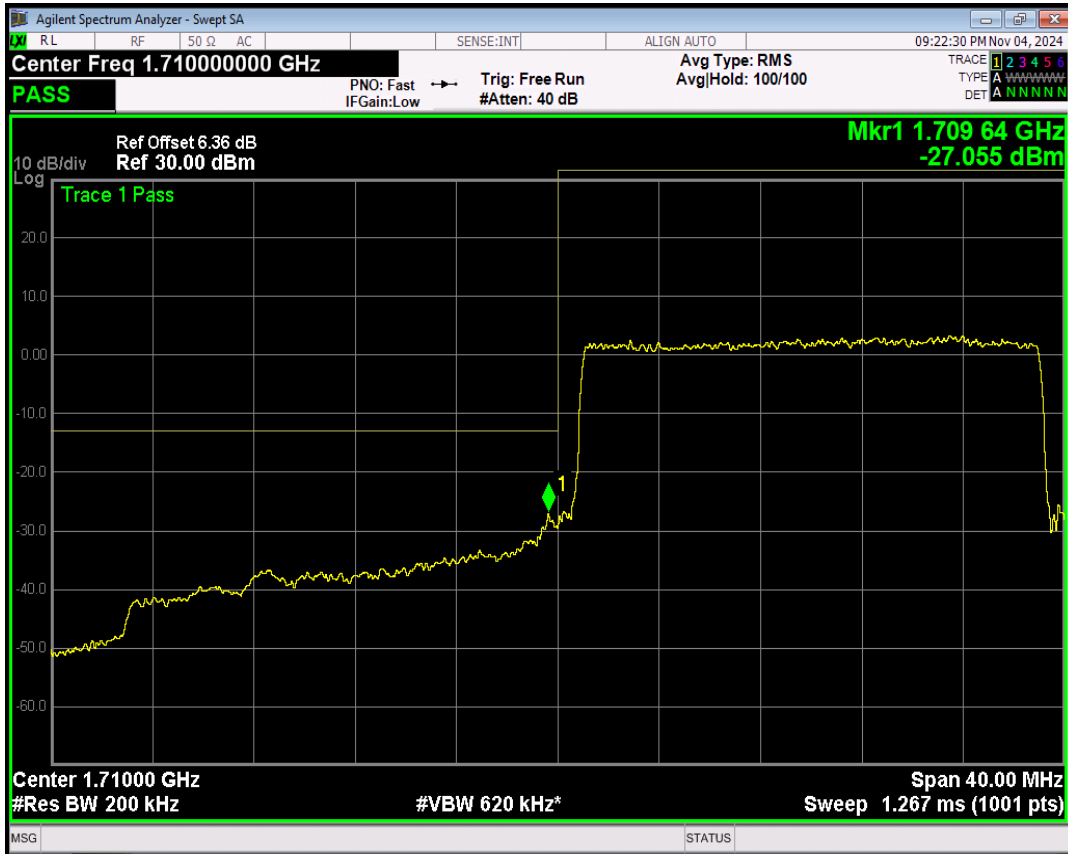
Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



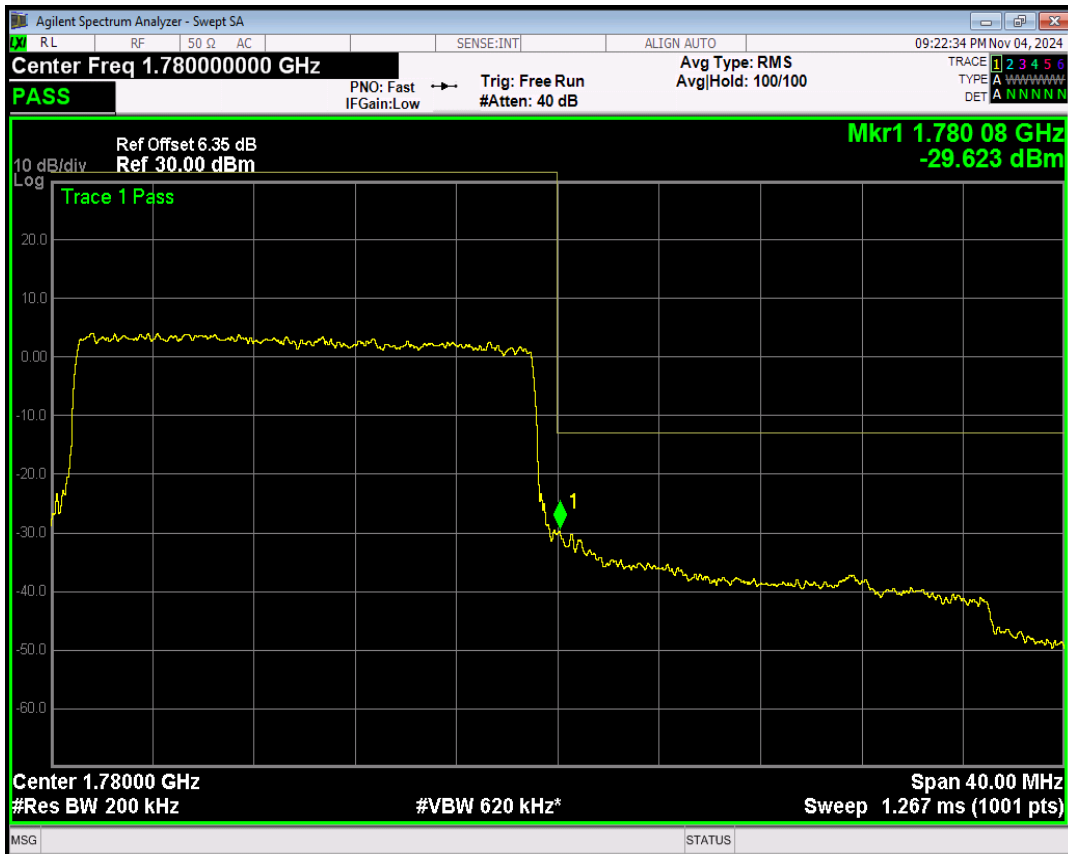
Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0



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



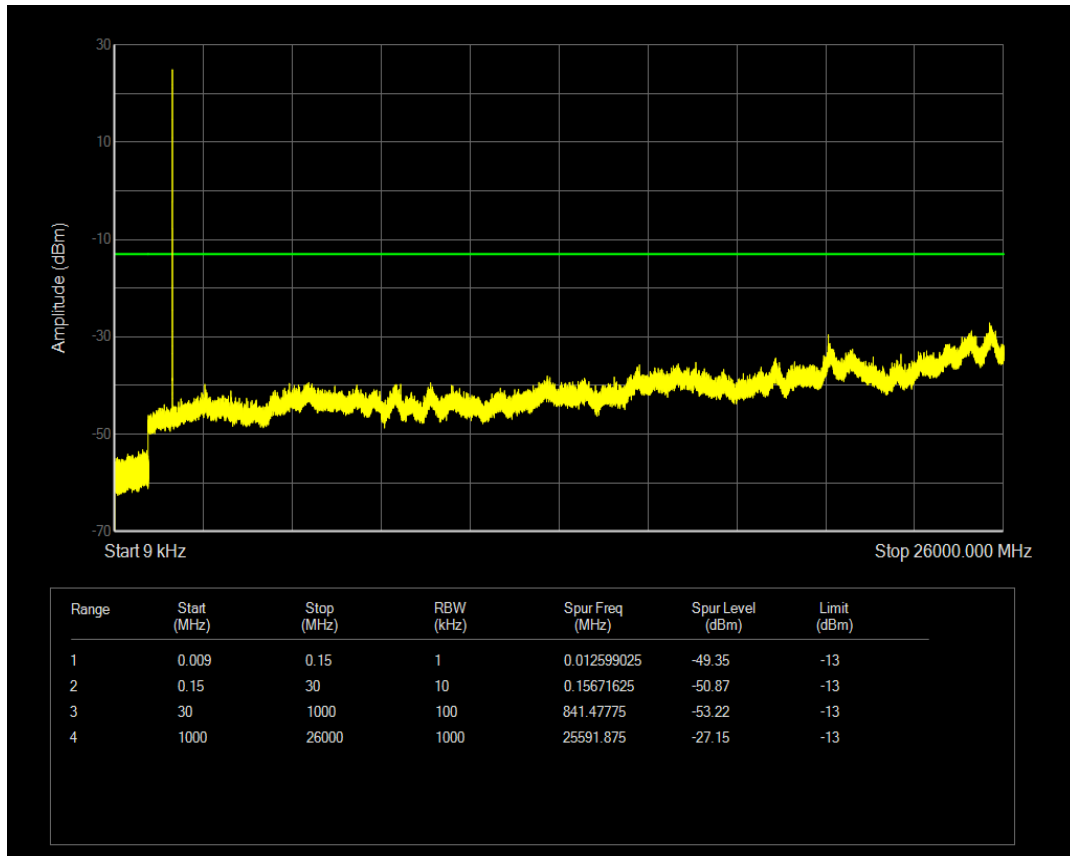
Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



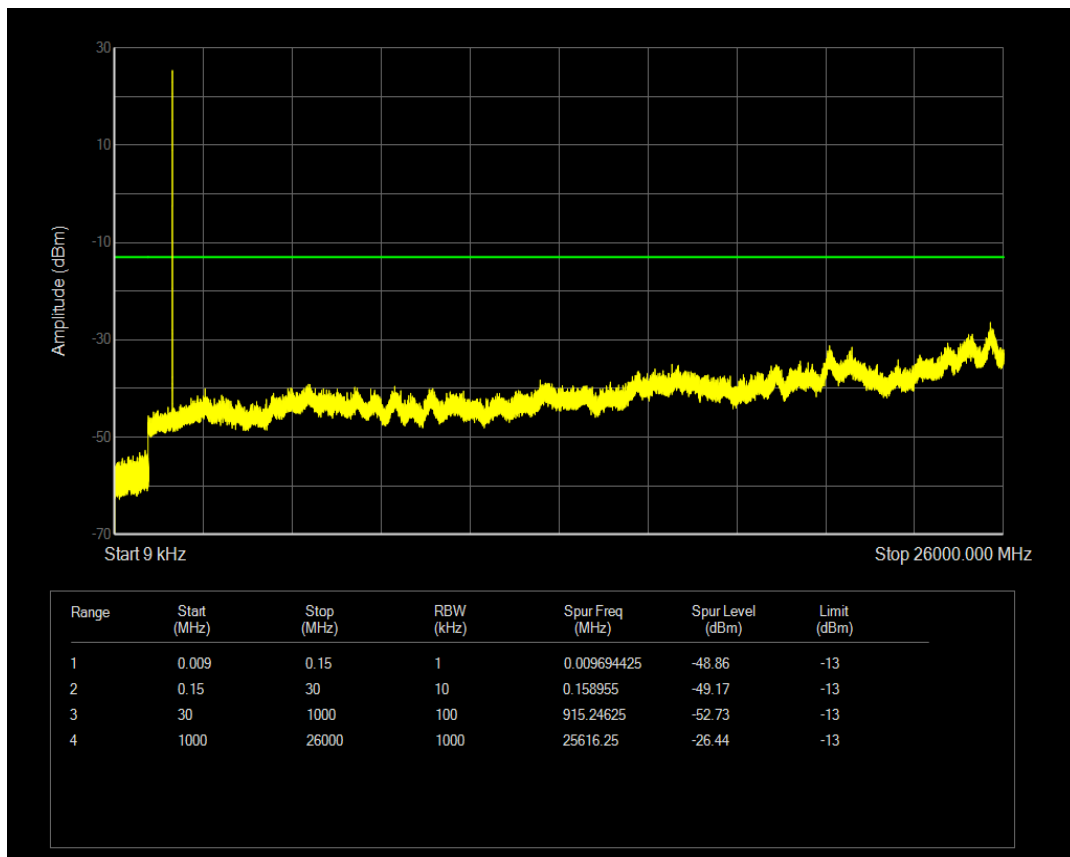
Appendix 6. Out-of-band emissions

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	25591.88	-27.15	-13	PASS
Band66	1.4	131979	6	#0	16QAM	25616.25	-26.44	-13	PASS
Band66	1.4	132322	6	#0	QPSK	25657.50	-26.67	-13	PASS
Band66	1.4	132322	6	#0	16QAM	25588.75	-27.25	-13	PASS
Band66	1.4	132665	6	#0	QPSK	25474.38	-27.67	-13	PASS
Band66	1.4	132665	6	#0	16QAM	25630.00	-27.34	-13	PASS
Band66	3	131987	15	#0	QPSK	25630.00	-27.46	-13	PASS
Band66	3	131987	15	#0	16QAM	25586.88	-27.69	-13	PASS
Band66	3	132322	15	#0	QPSK	25619.38	-27.05	-13	PASS
Band66	3	132322	15	#0	16QAM	25626.25	-27.08	-13	PASS
Band66	3	132657	15	#0	QPSK	25632.50	-26.27	-13	PASS
Band66	3	132657	15	#0	16QAM	24968.75	-27.46	-13	PASS
Band66	5	131997	25	#0	QPSK	25539.38	-27.71	-13	PASS
Band66	5	131997	25	#0	16QAM	25645.63	-27.78	-13	PASS
Band66	5	132322	25	#0	QPSK	25597.50	-27.39	-13	PASS
Band66	5	132322	25	#0	16QAM	25631.25	-27.48	-13	PASS
Band66	5	132647	25	#0	QPSK	25633.13	-27.75	-13	PASS
Band66	5	132647	25	#0	16QAM	25630.00	-26.59	-13	PASS
Band66	10	132022	50	#0	QPSK	25635.00	-27.23	-13	PASS
Band66	10	132322	50	#0	QPSK	25672.50	-27.46	-13	PASS
Band66	10	132622	50	#0	QPSK	25620.00	-27.85	-13	PASS
Band66	15	132047	75	#0	QPSK	25600.63	-26.54	-13	PASS
Band66	15	132322	75	#0	QPSK	25674.38	-27.28	-13	PASS
Band66	15	132597	75	#0	QPSK	25630.63	-28.14	-13	PASS
Band66	20	132072	100	#0	QPSK	25652.50	-26.84	-13	PASS
Band66	20	132322	100	#0	QPSK	25626.88	-27.78	-13	PASS
Band66	20	132572	100	#0	QPSK	25654.38	-27.90	-13	PASS

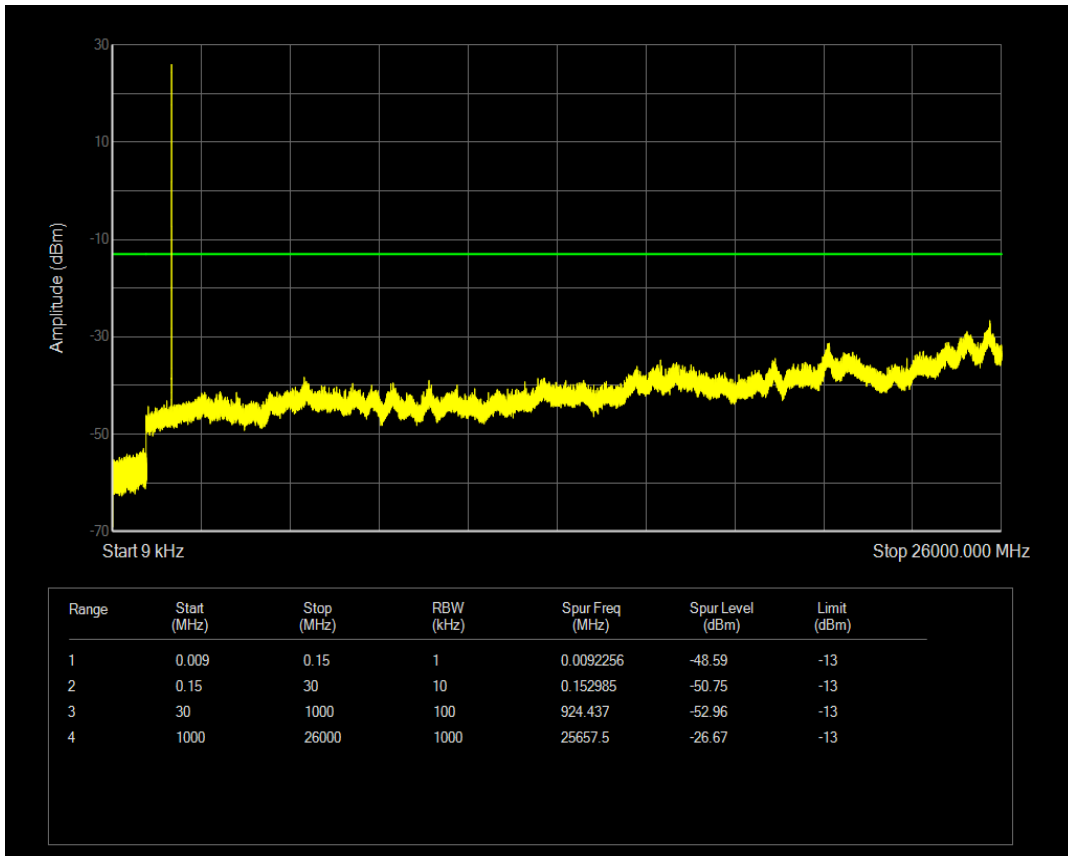
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



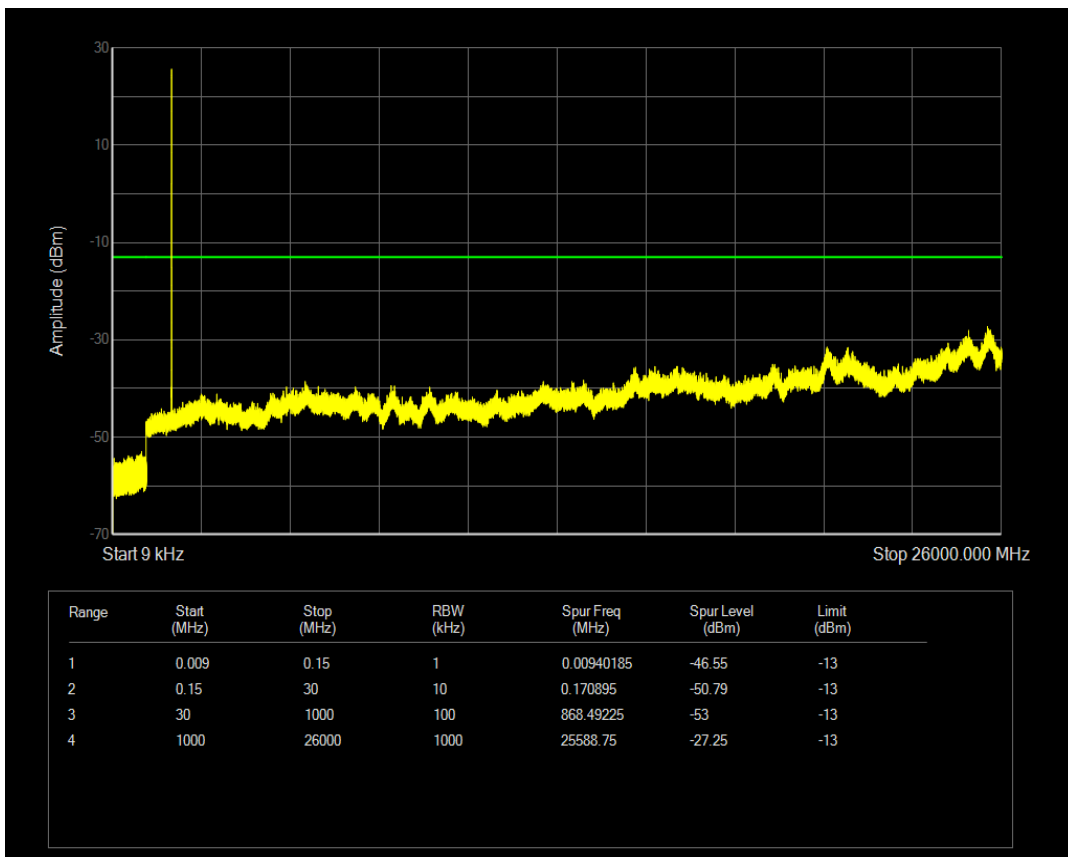
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0



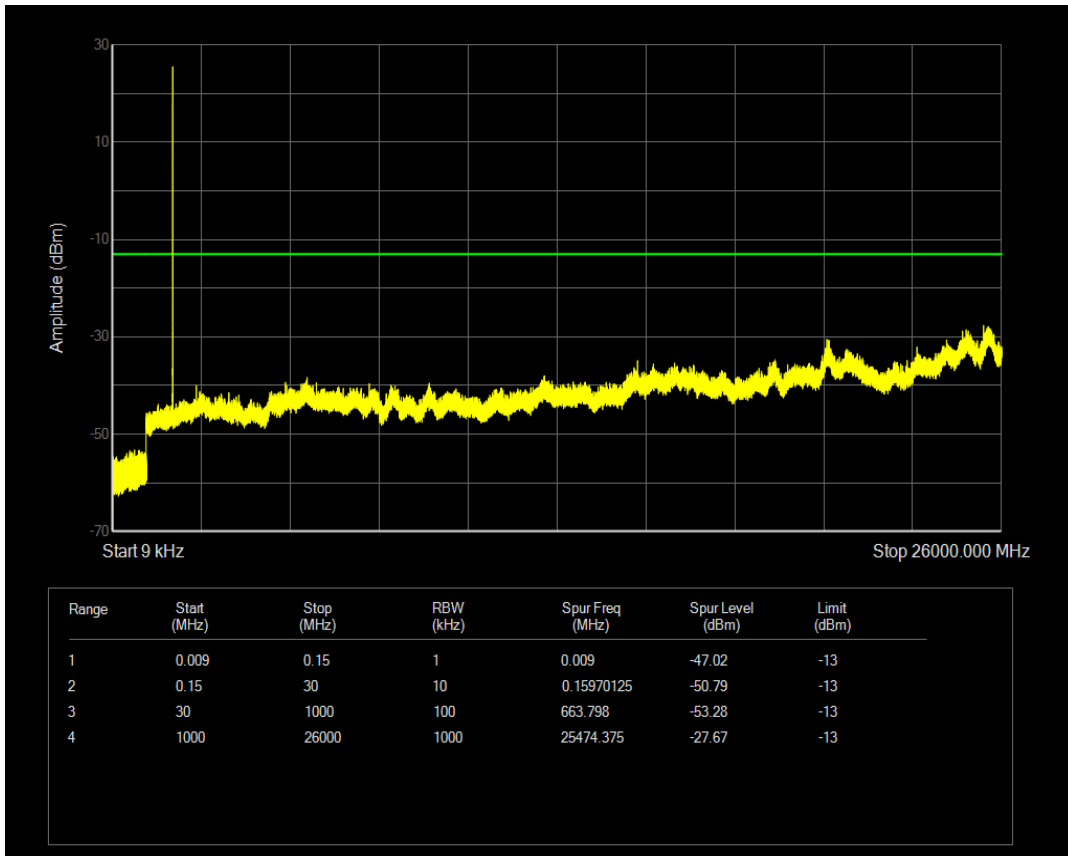
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



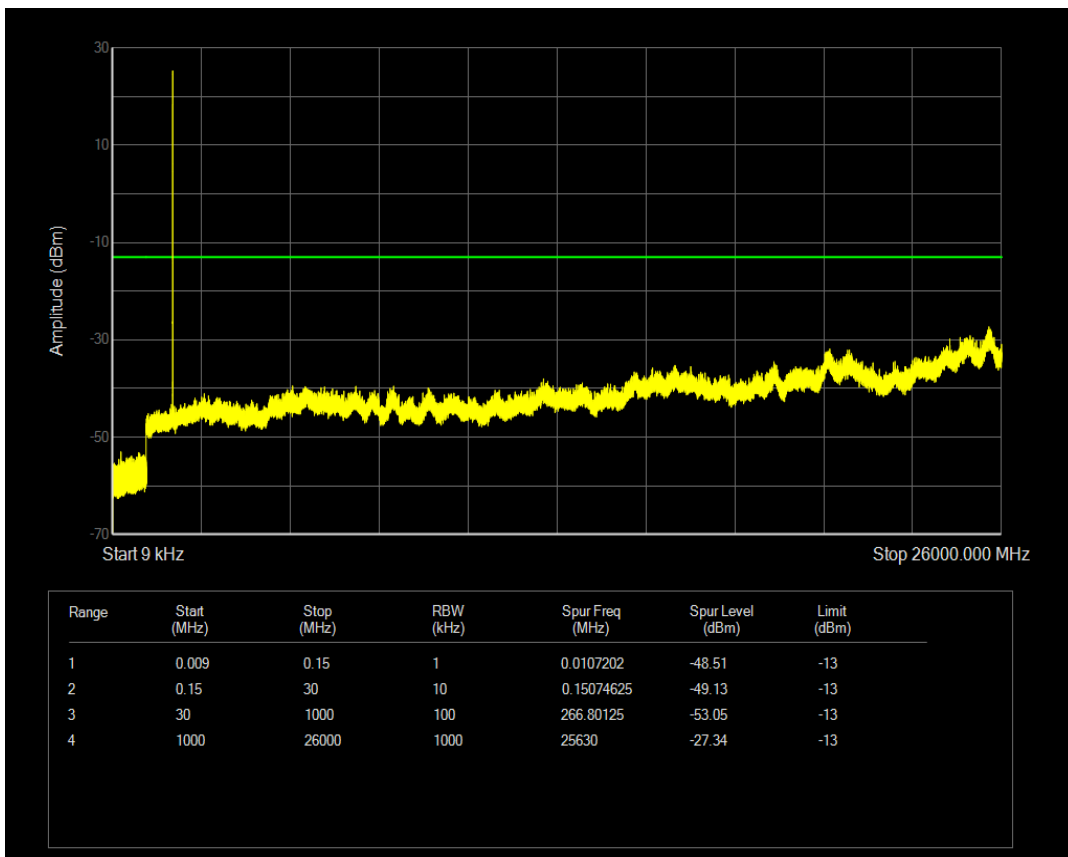
Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0



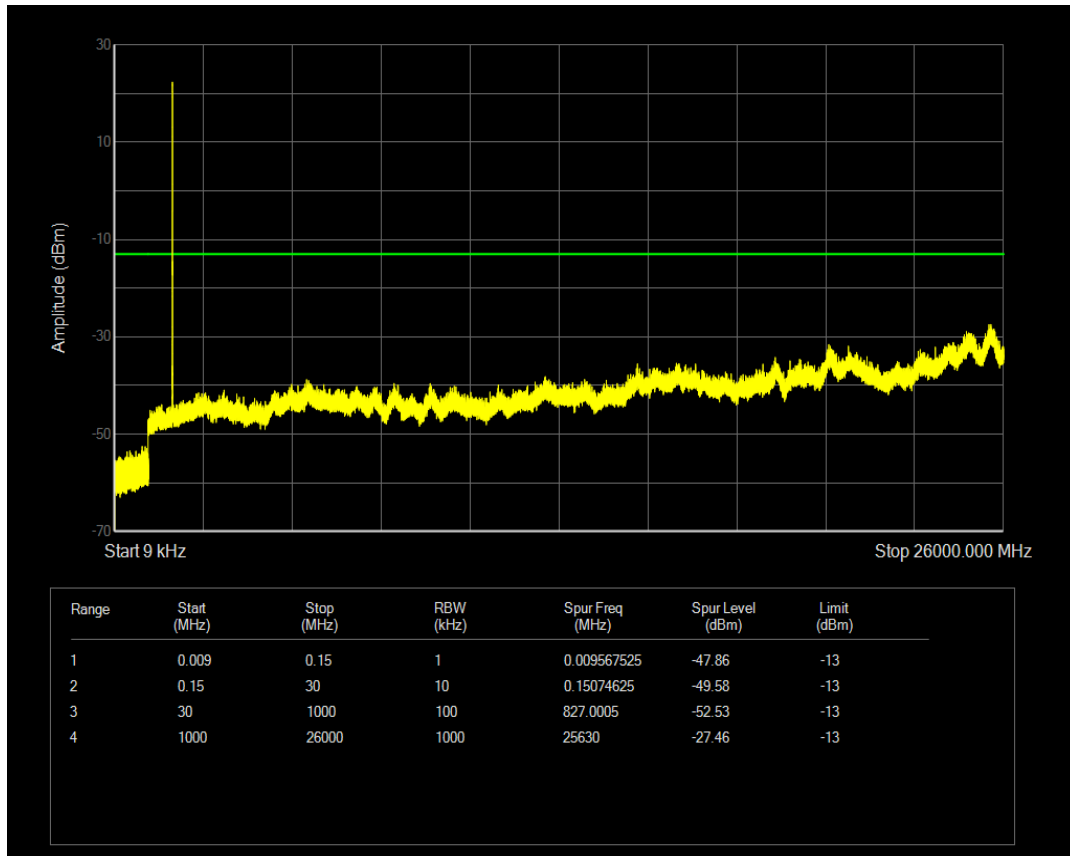
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



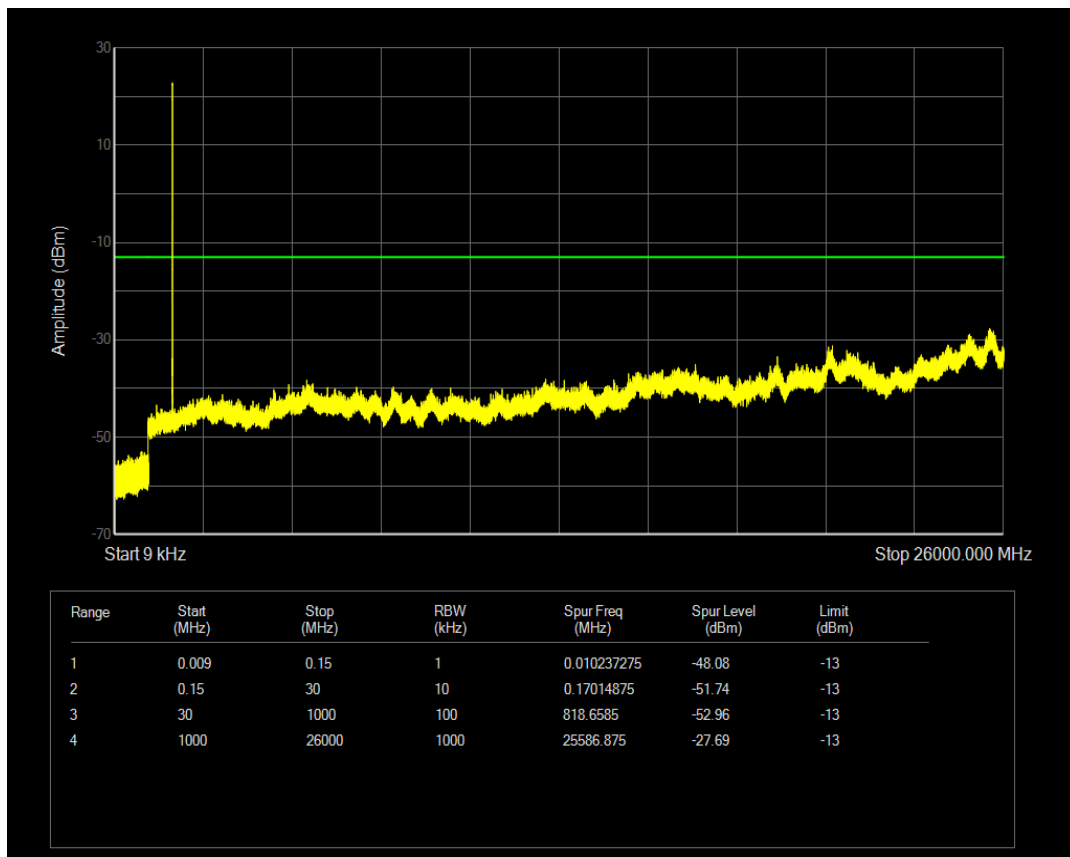
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0



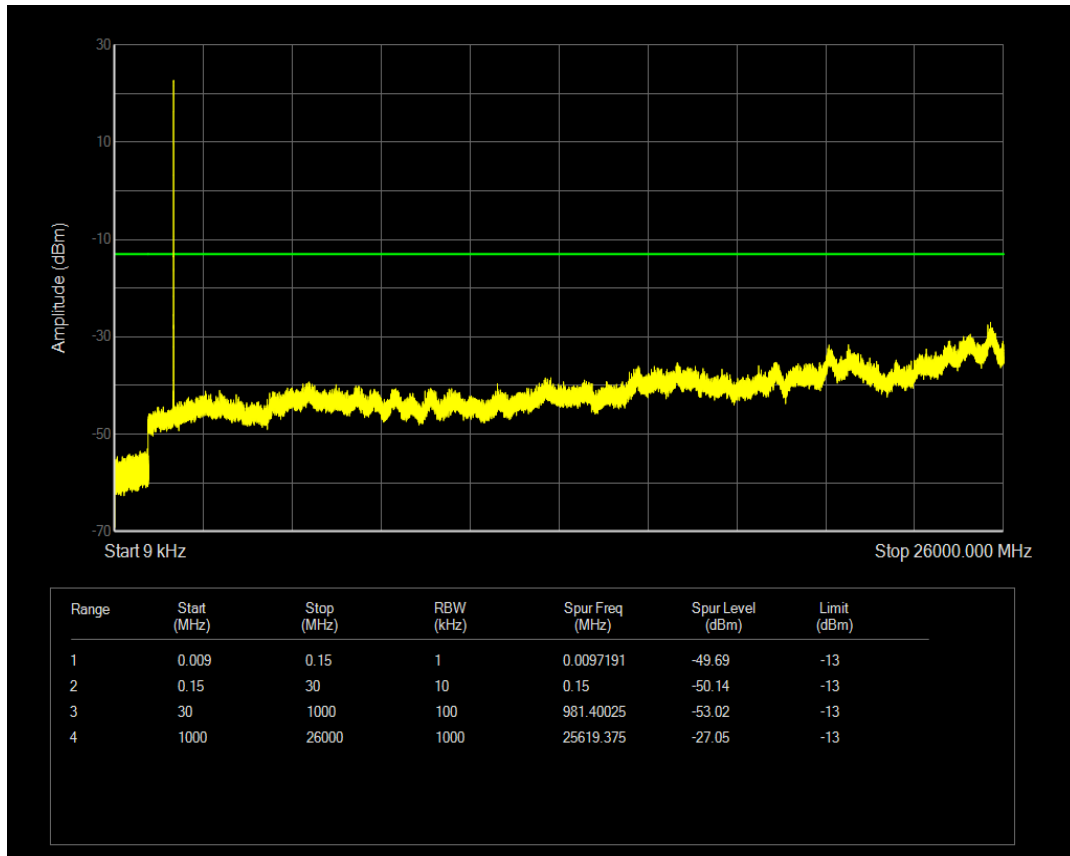
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



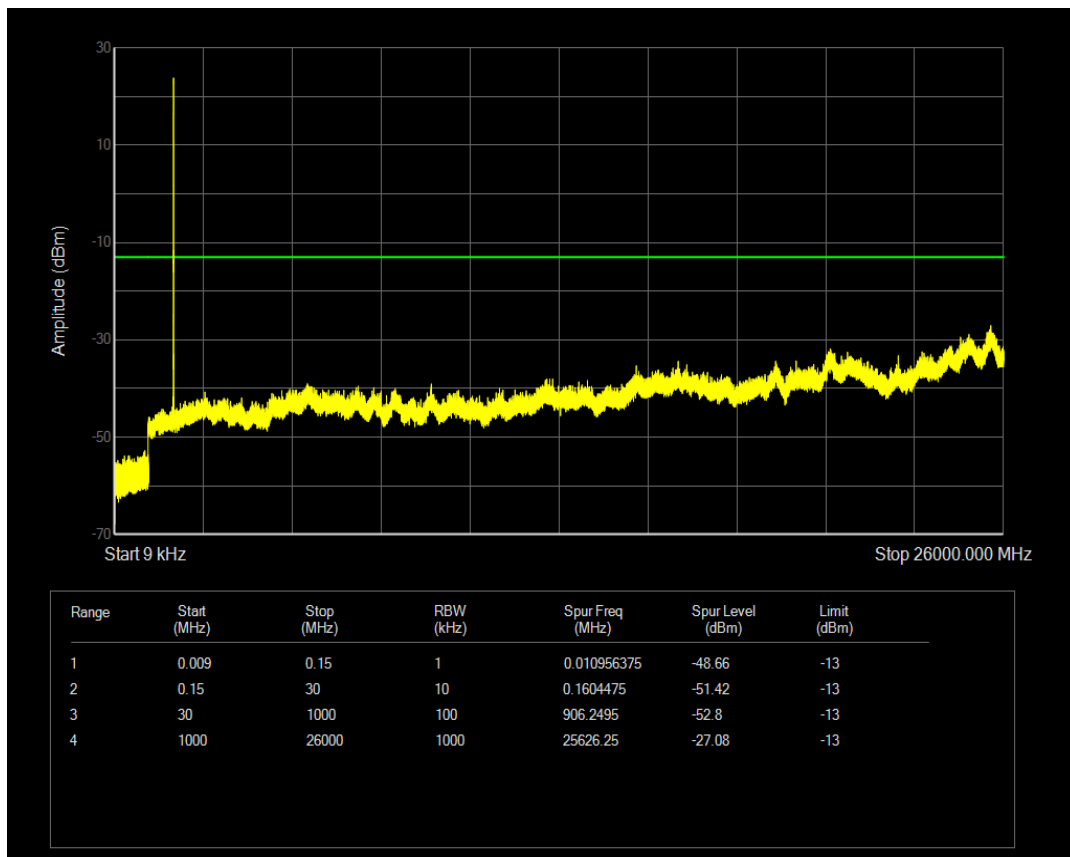
Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0



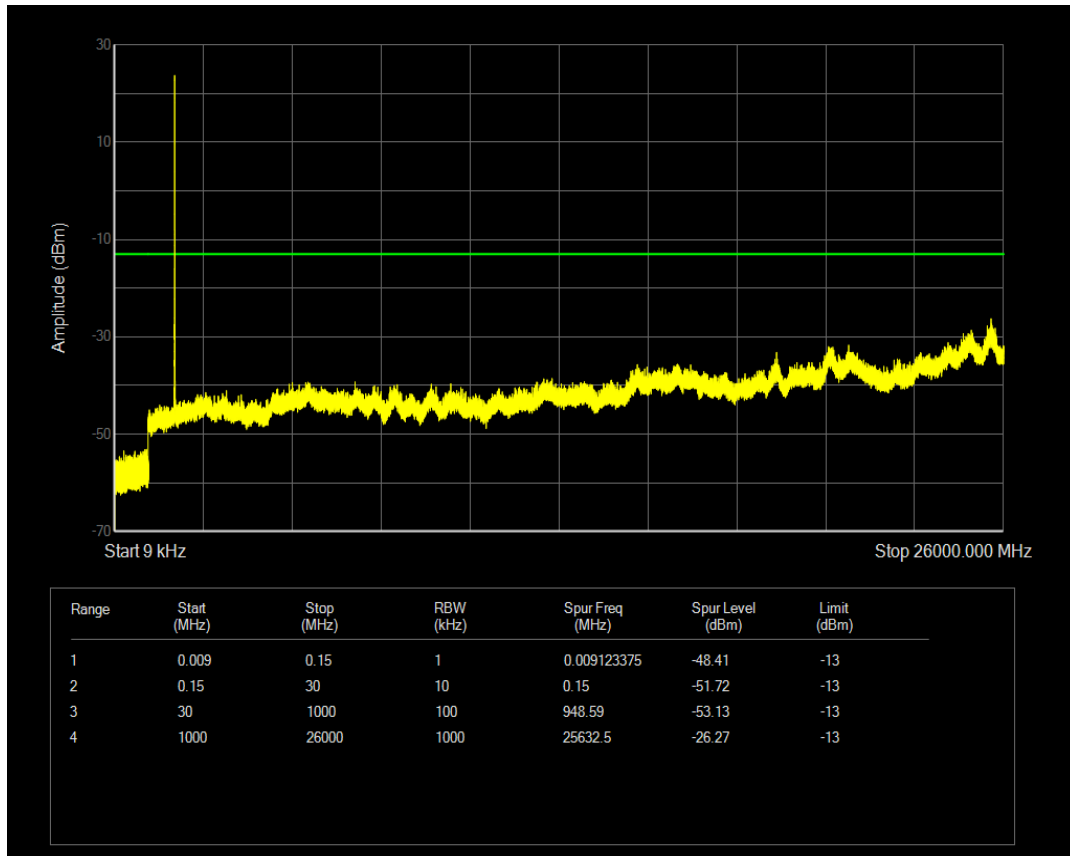
Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



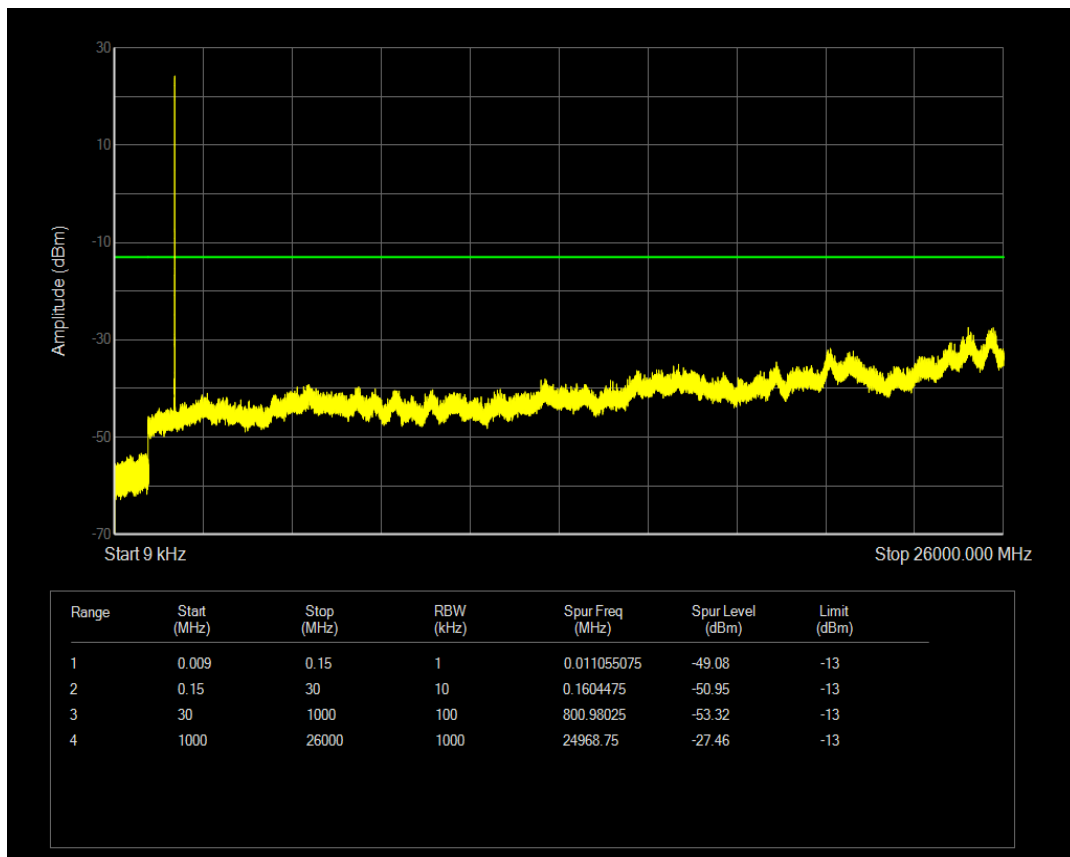
Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0



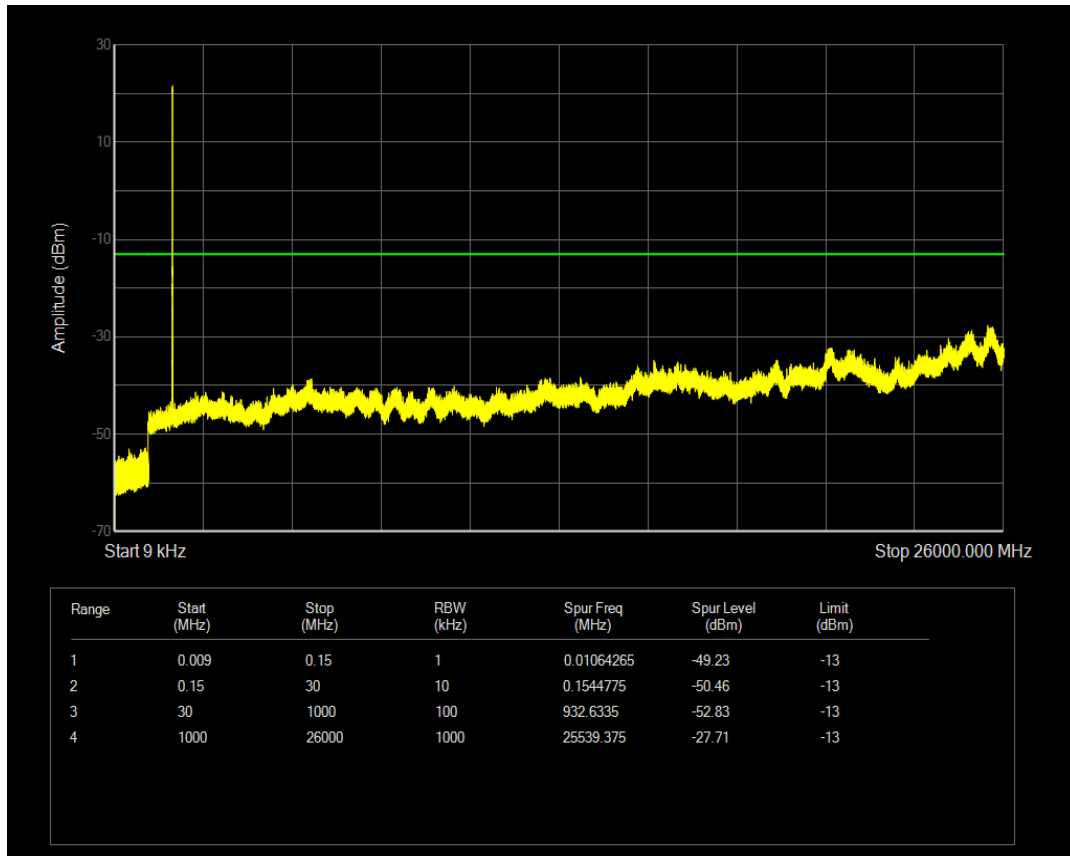
Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



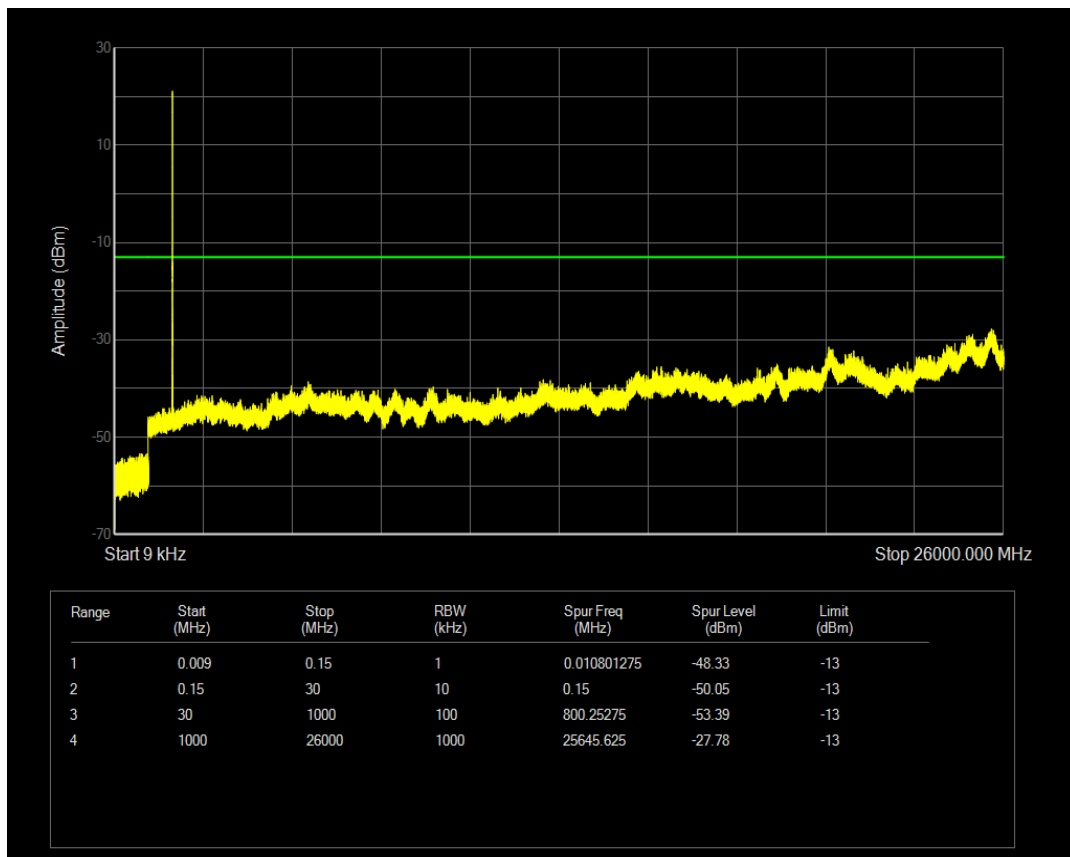
Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0



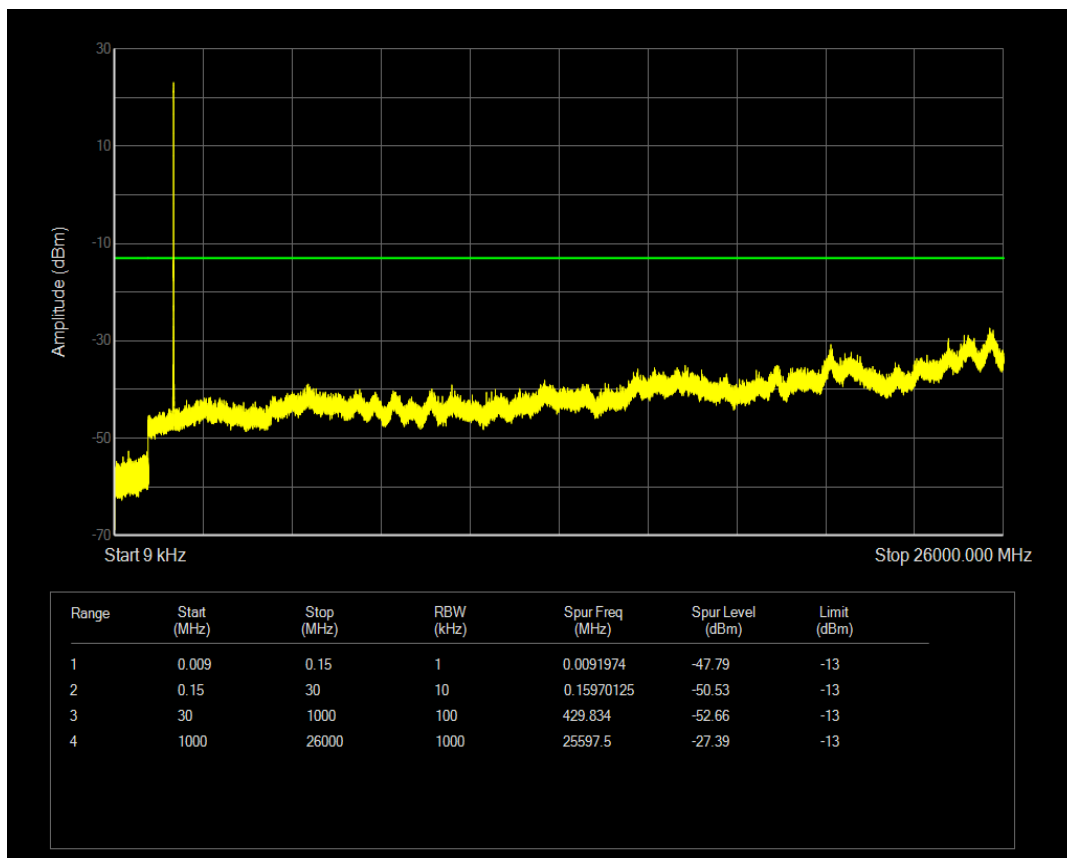
Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



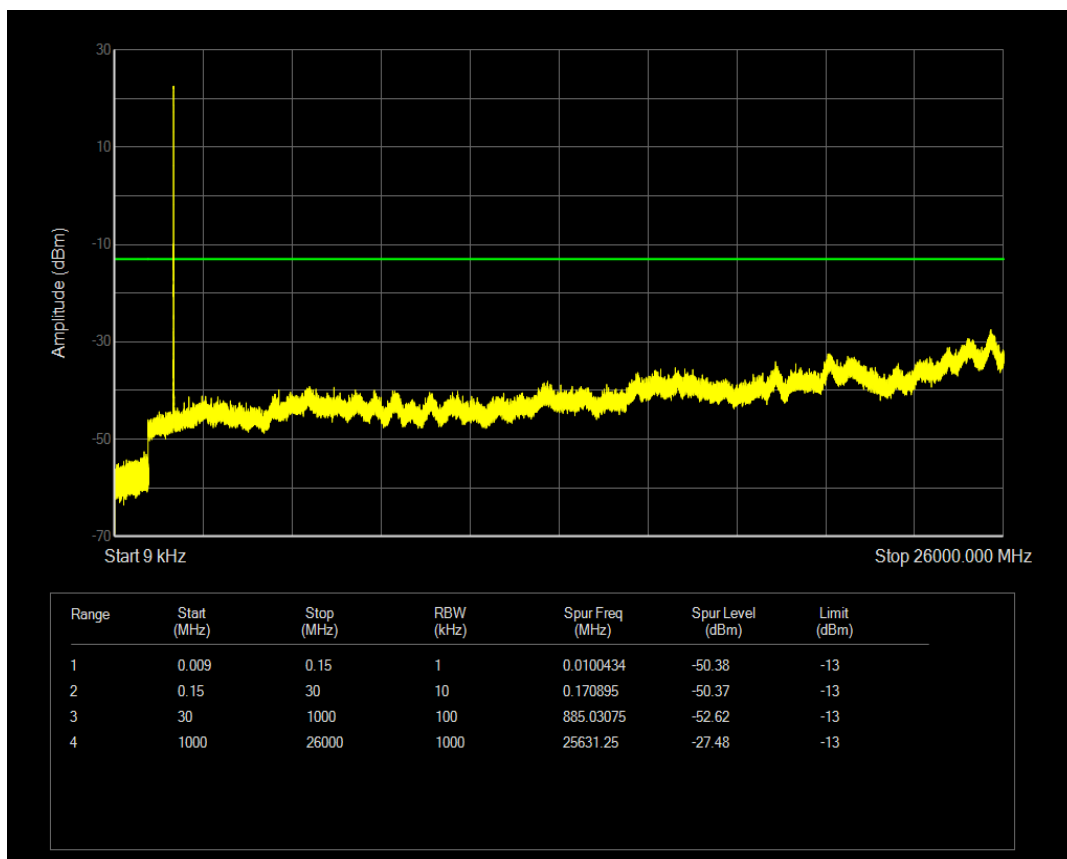
Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0



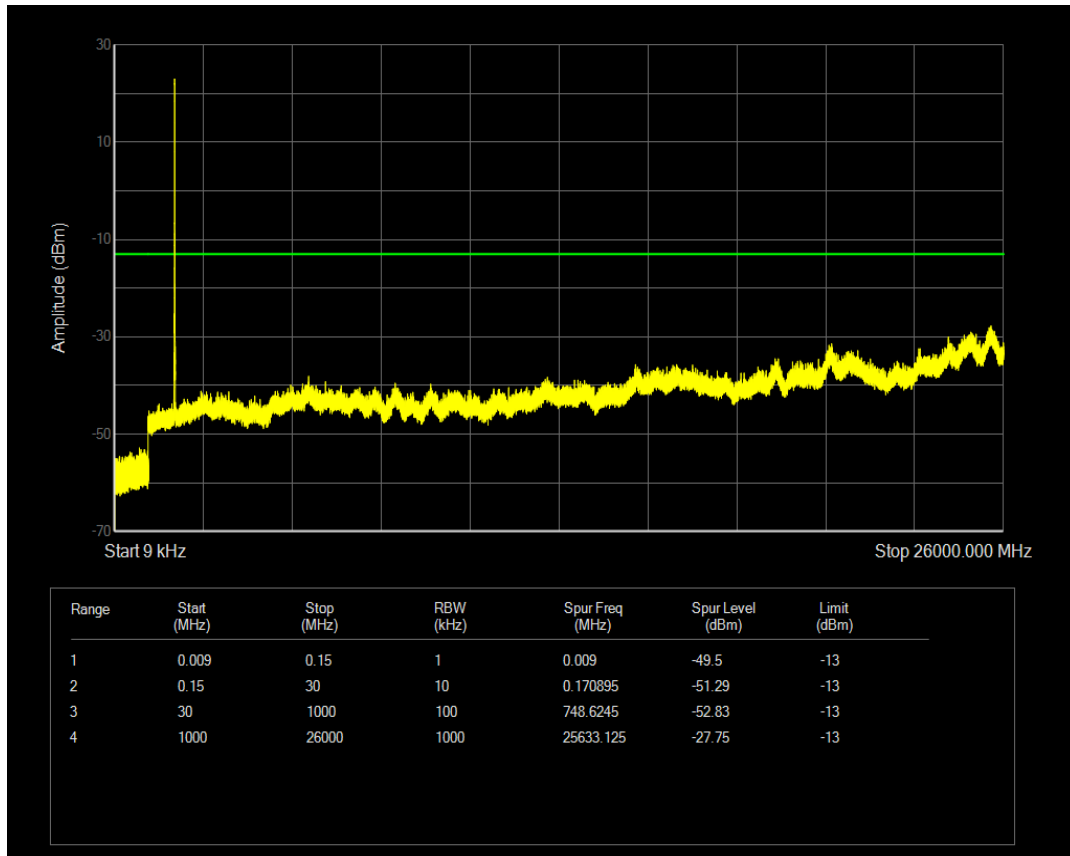
Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



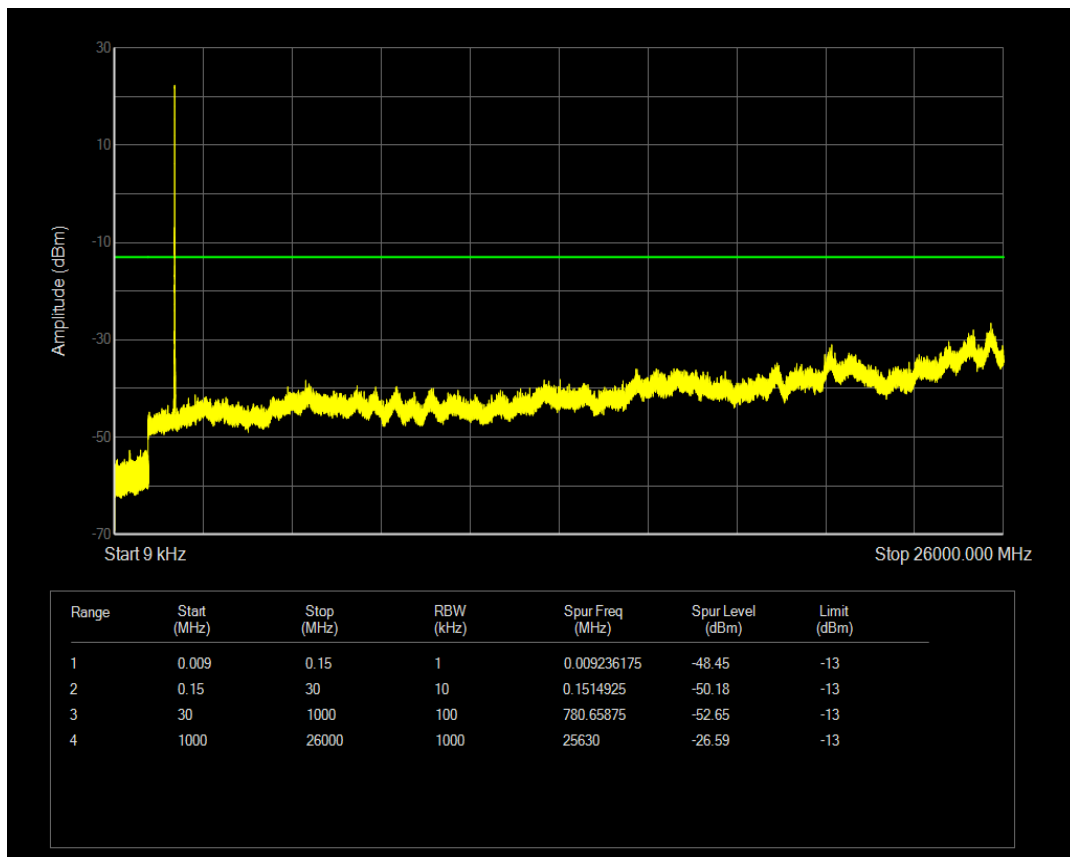
Band66 16QAM BW=5MHz Channel=132322 RB Size=25 Position=#0



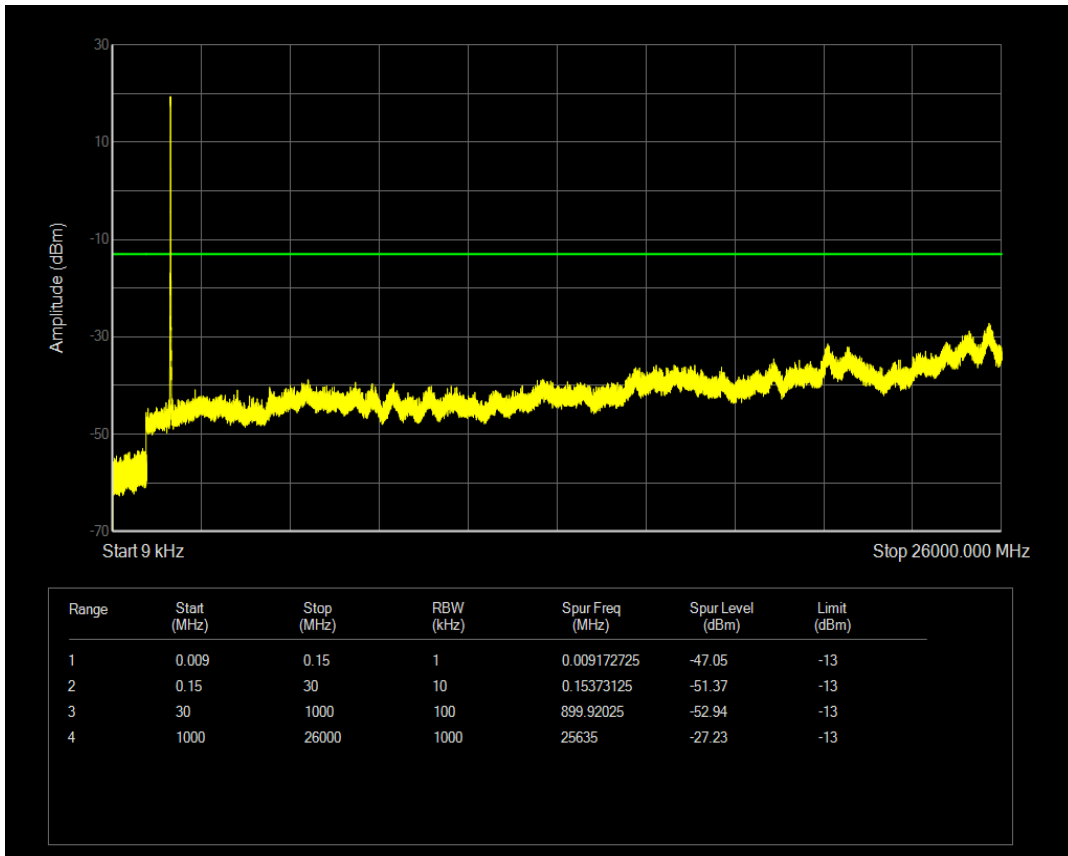
Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0



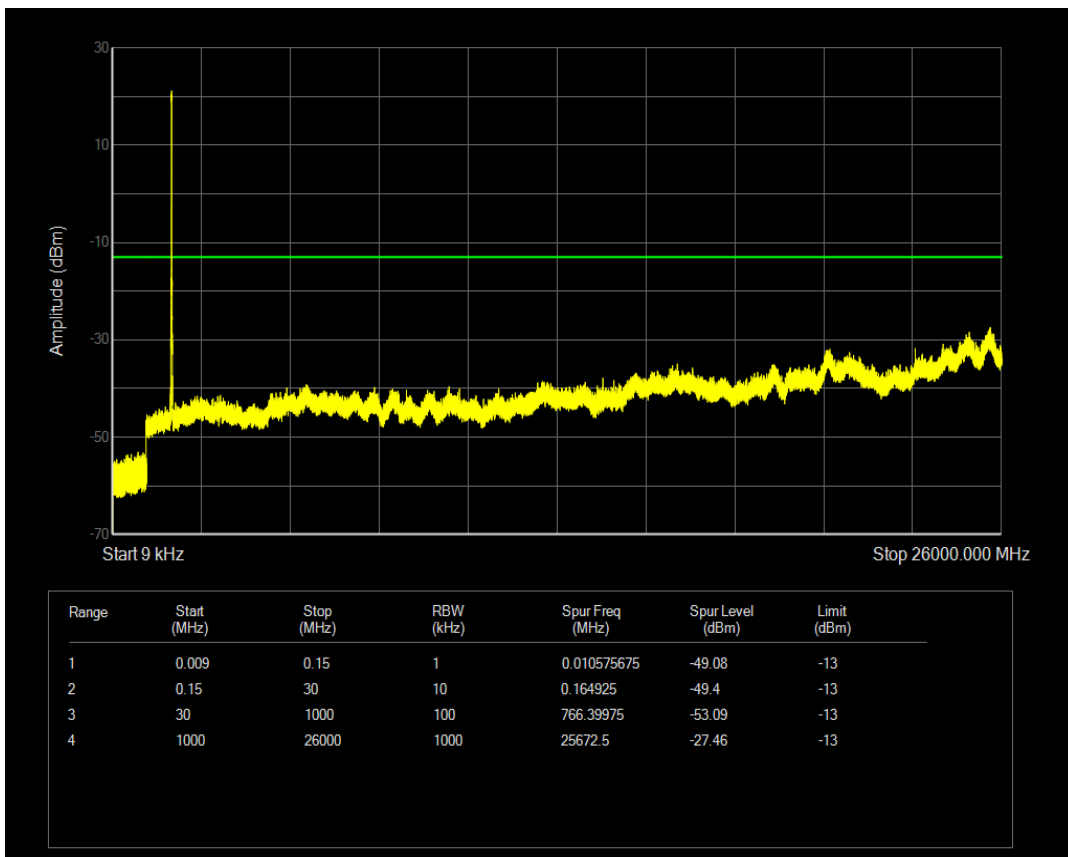
Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0



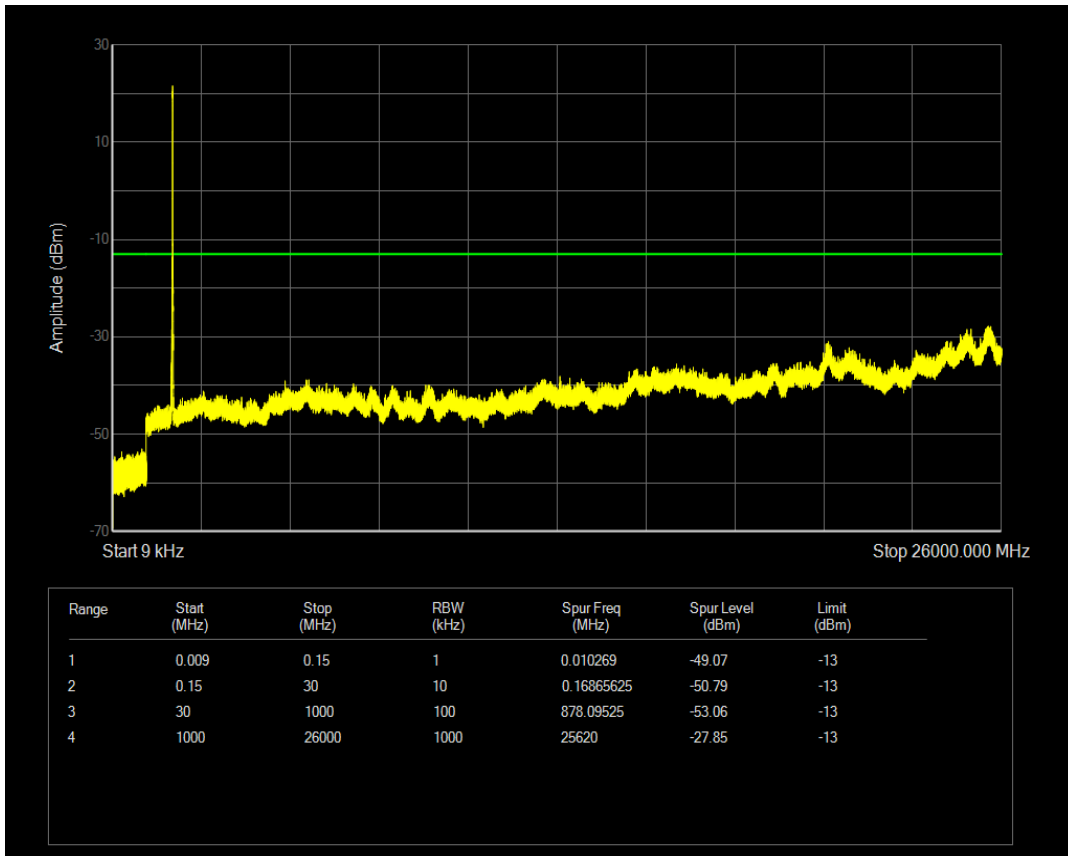
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



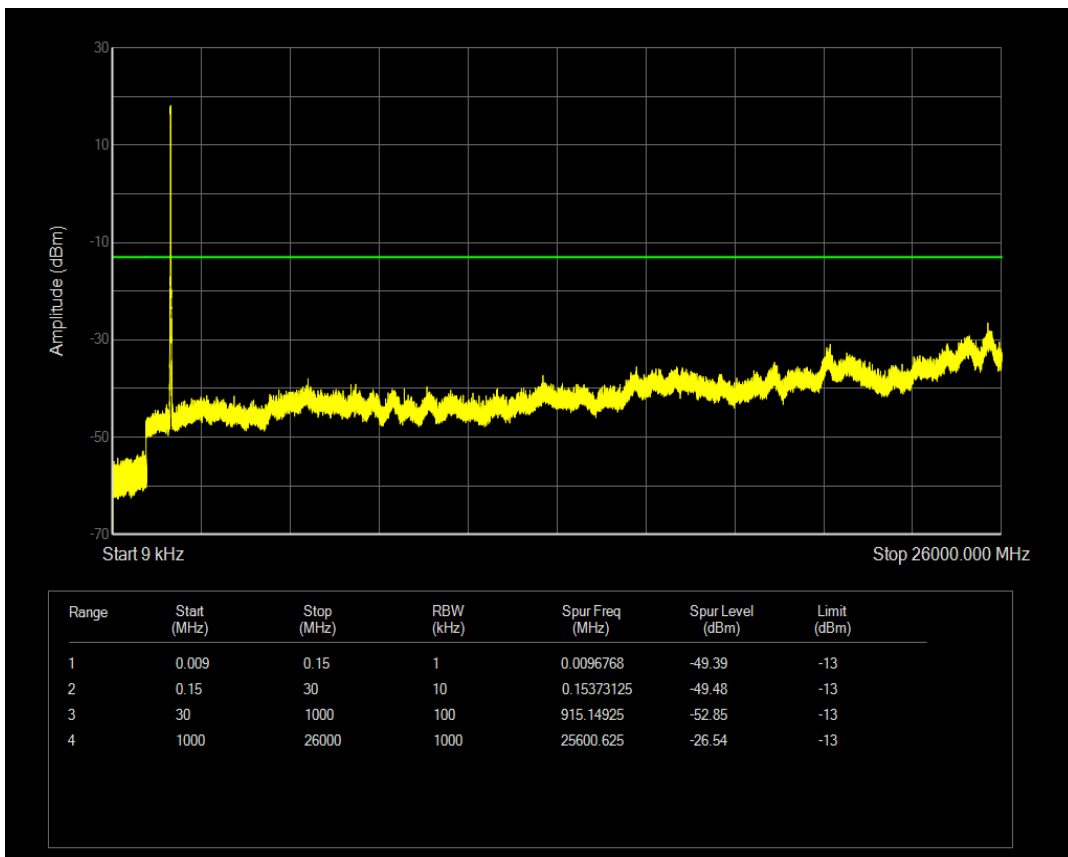
Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0



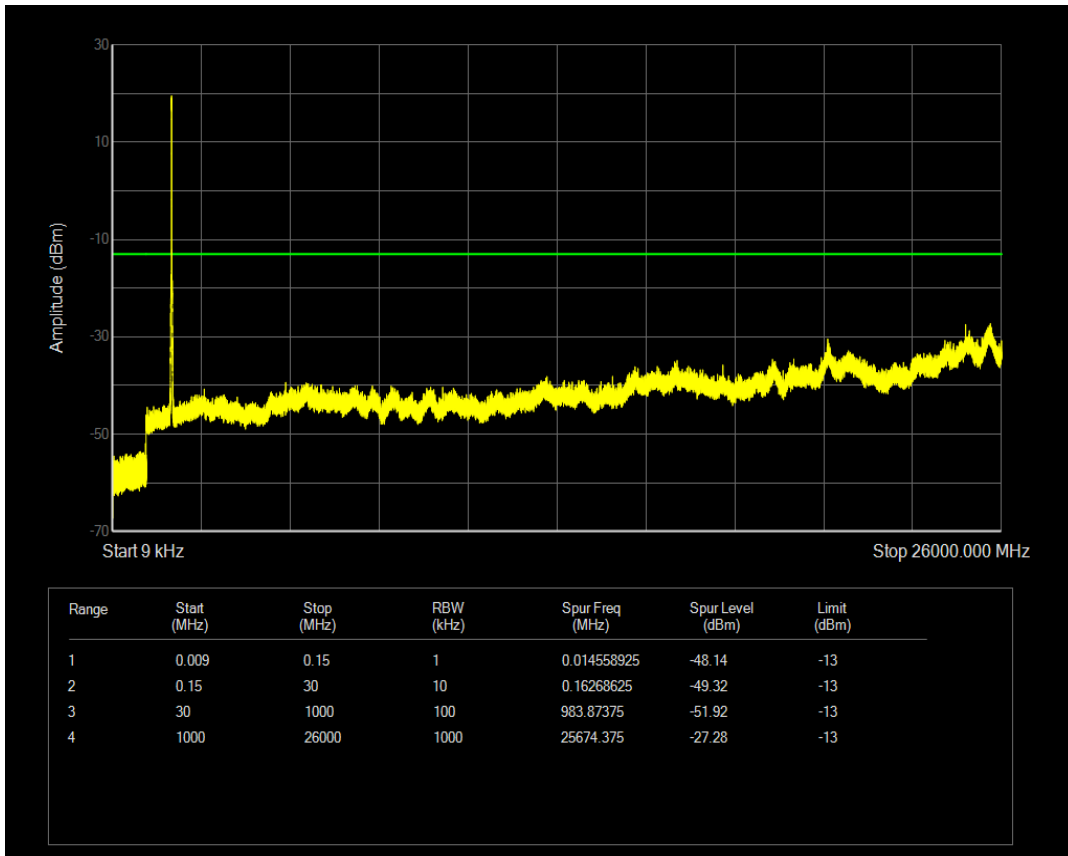
Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0



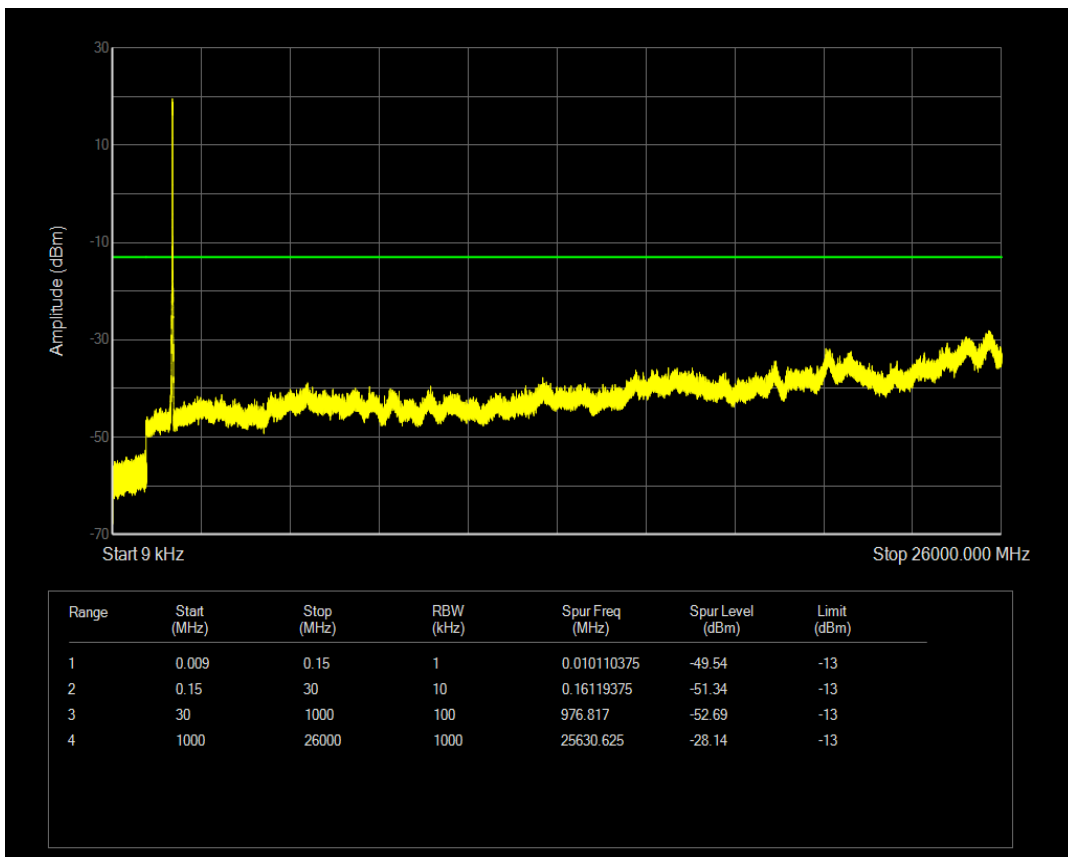
Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



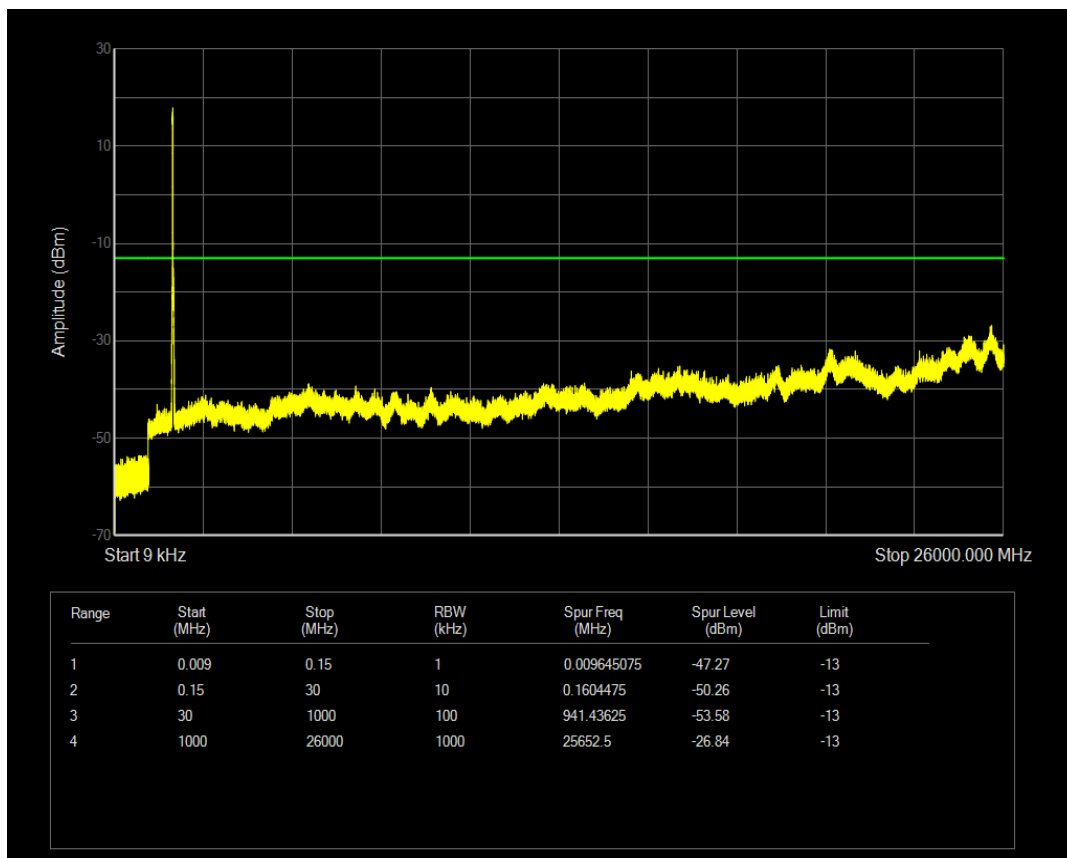
Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0



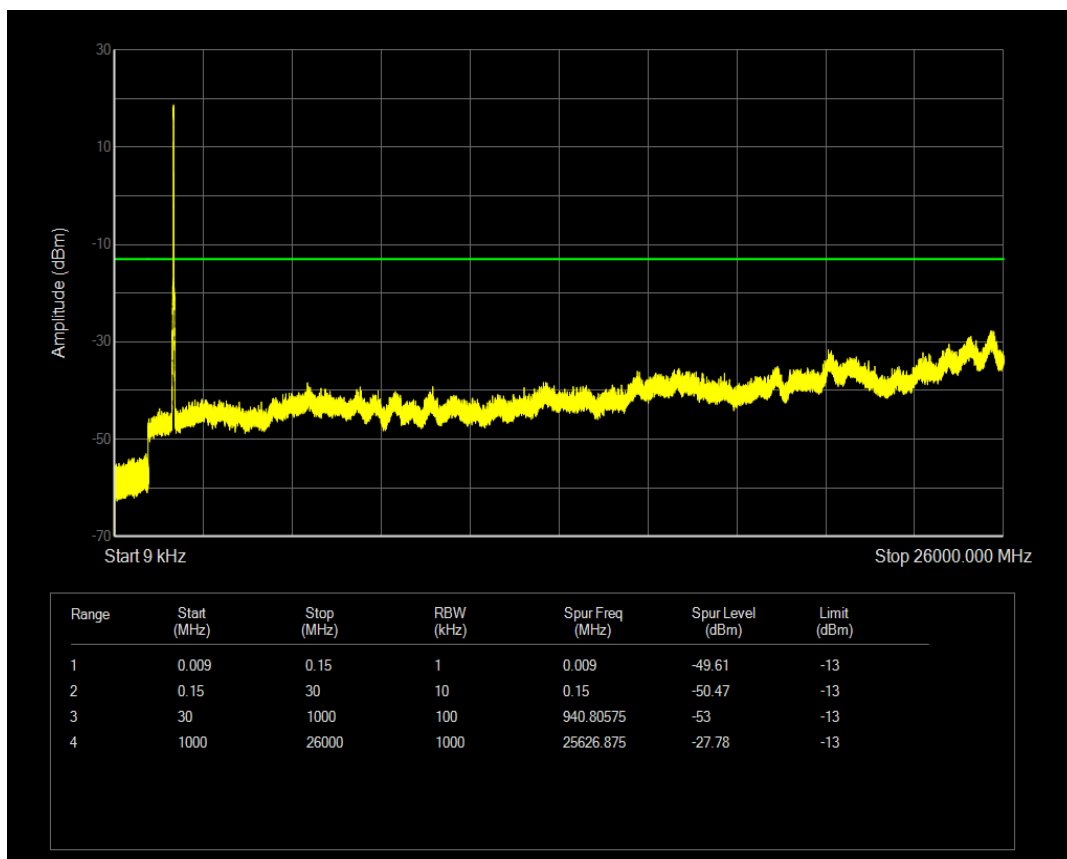
Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0



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

