

Appendix for Band 66

Report No.: BCTC2408767493-2E

Applicant: Shenzhen Minew Technologies Co., Ltd.

Product Name: Tiny LTE Cellular Gateway

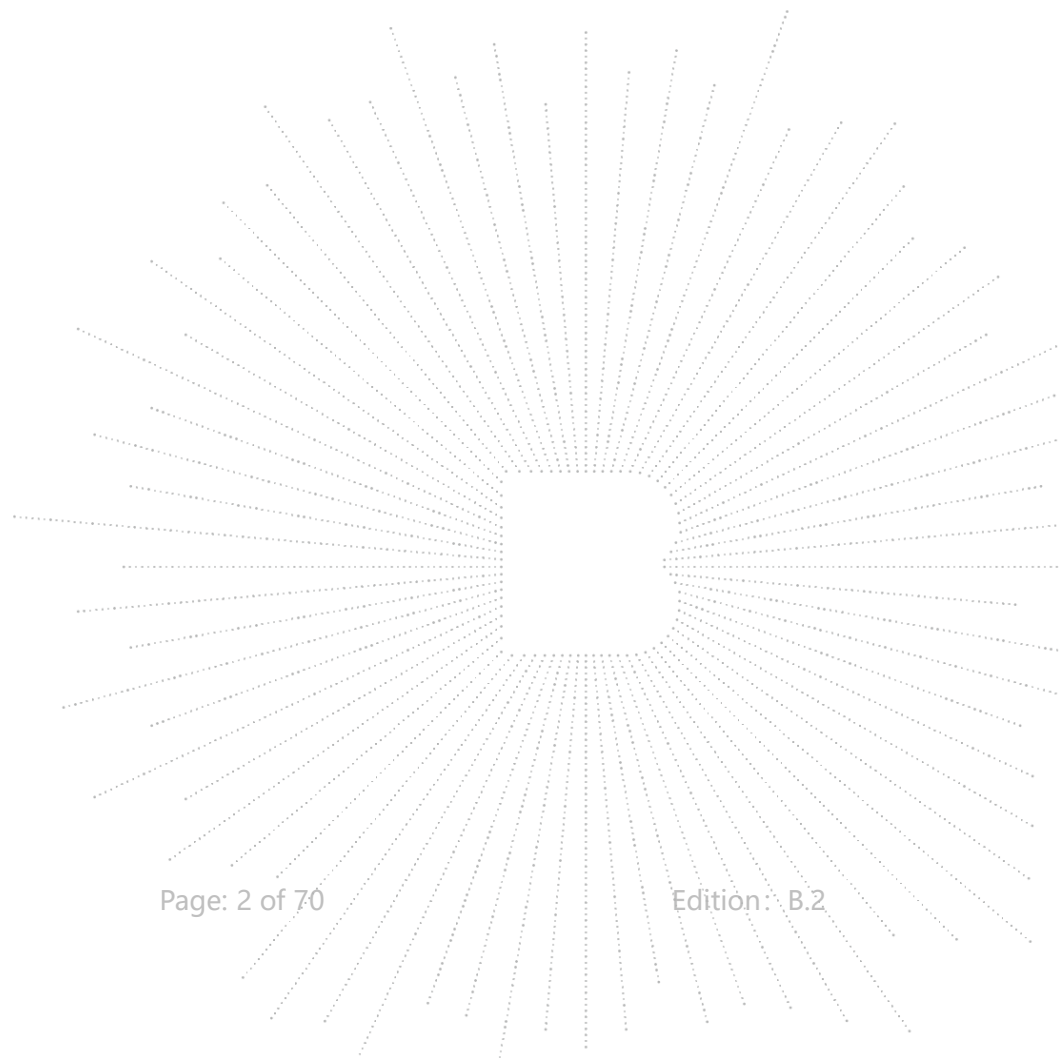
Test Model: MG8

Tested Date: 2024-08-02 to 2024-08-28

Shenzhen BCTC Testing Co., Ltd.

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

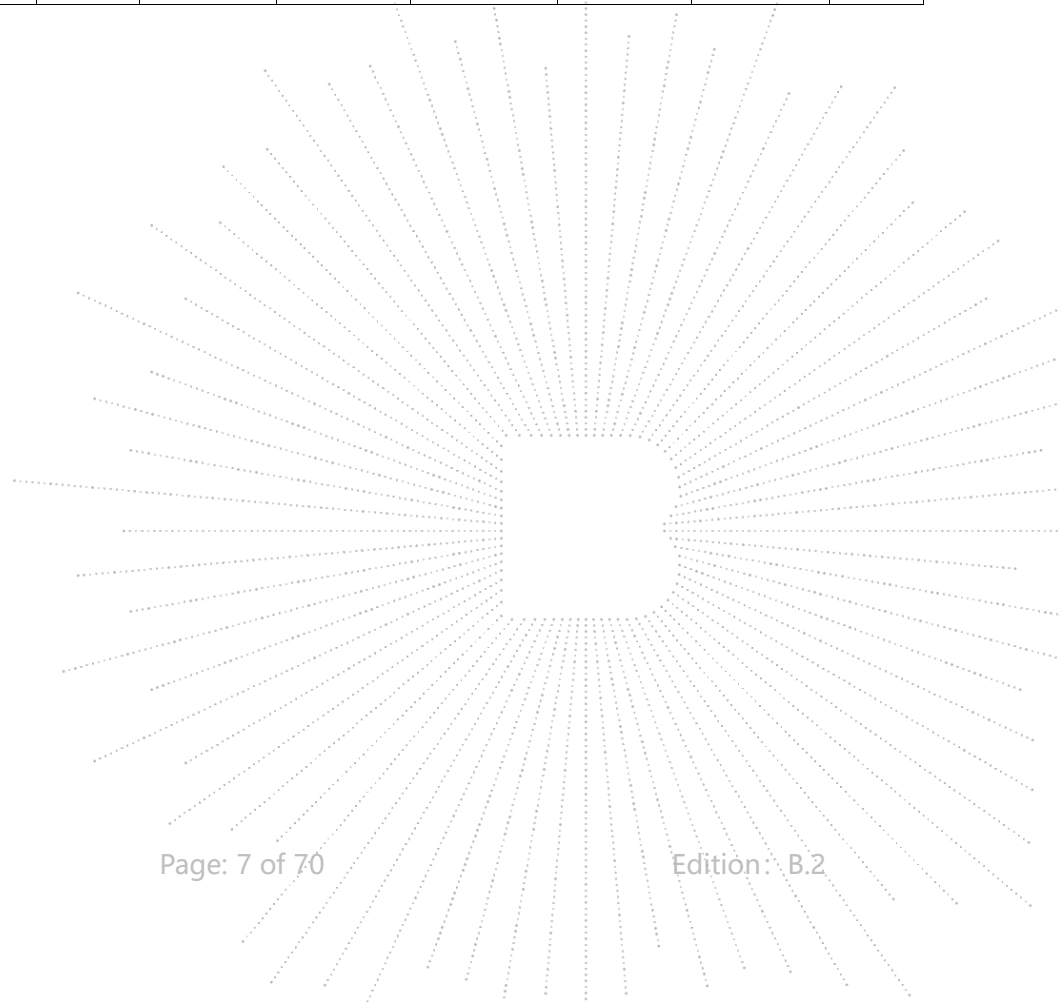
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band66	1.4	131979	1	#0	QPSK	22.66	3.26	25.92	PASS
Band66	1.4	131979	1	#Mid	QPSK	22.70	3.26	25.96	PASS
Band66	1.4	131979	1	#Max	QPSK	22.75	3.26	26.01	PASS
Band66	1.4	131979	3	#0	QPSK	22.58	3.26	25.84	PASS
Band66	1.4	131979	3	#Mid	QPSK	22.58	3.26	25.84	PASS
Band66	1.4	131979	3	#Max	QPSK	22.56	3.26	25.82	PASS
Band66	1.4	131979	6	#0	QPSK	21.76	3.26	25.02	PASS
Band66	1.4	131979	1	#0	16QAM	21.81	3.26	25.07	PASS
Band66	1.4	131979	1	#Mid	16QAM	21.90	3.26	25.16	PASS
Band66	1.4	131979	1	#Max	16QAM	21.89	3.26	25.15	PASS
Band66	1.4	131979	3	#0	16QAM	21.70	3.26	24.96	PASS
Band66	1.4	131979	3	#Mid	16QAM	21.71	3.26	24.97	PASS
Band66	1.4	131979	3	#Max	16QAM	21.72	3.26	24.98	PASS
Band66	1.4	131979	6	#0	16QAM	20.76	3.26	24.02	PASS
Band66	1.4	132322	1	#0	QPSK	22.13	3.26	25.39	PASS
Band66	1.4	132322	1	#Mid	QPSK	22.10	3.26	25.36	PASS
Band66	1.4	132322	1	#Max	QPSK	22.11	3.26	25.37	PASS
Band66	1.4	132322	3	#0	QPSK	22.11	3.26	25.37	PASS
Band66	1.4	132322	3	#Mid	QPSK	22.08	3.26	25.34	PASS
Band66	1.4	132322	3	#Max	QPSK	22.03	3.26	25.29	PASS
Band66	1.4	132322	6	#0	QPSK	21.01	3.26	24.27	PASS
Band66	1.4	132322	1	#0	16QAM	21.17	3.26	24.43	PASS
Band66	1.4	132322	1	#Mid	16QAM	21.17	3.26	24.43	PASS
Band66	1.4	132322	1	#Max	16QAM	21.16	3.26	24.42	PASS
Band66	1.4	132322	3	#0	16QAM	20.96	3.26	24.22	PASS
Band66	1.4	132322	3	#Mid	16QAM	20.96	3.26	24.22	PASS
Band66	1.4	132322	3	#Max	16QAM	20.92	3.26	24.18	PASS
Band66	1.4	132322	6	#0	16QAM	20.45	3.26	23.71	PASS
Band66	1.4	132665	1	#0	QPSK	22.02	3.26	25.28	PASS
Band66	1.4	132665	1	#Mid	QPSK	22.00	3.26	25.26	PASS
Band66	1.4	132665	1	#Max	QPSK	21.99	3.26	25.25	PASS
Band66	1.4	132665	3	#0	QPSK	22.09	3.26	25.35	PASS
Band66	1.4	132665	3	#Mid	QPSK	22.06	3.26	25.32	PASS
Band66	1.4	132665	3	#Max	QPSK	22.04	3.26	25.30	PASS
Band66	1.4	132665	6	#0	QPSK	21.02	3.26	24.28	PASS
Band66	1.4	132665	1	#0	16QAM	20.96	3.26	24.22	PASS

Band66	1.4	132665	1	#Mid	16QAM	20.97	3.26	24.23	PASS
Band66	1.4	132665	1	#Max	16QAM	21.03	3.26	24.29	PASS
Band66	1.4	132665	3	#0	16QAM	21.38	3.26	24.64	PASS
Band66	1.4	132665	3	#Mid	16QAM	21.38	3.26	24.64	PASS
Band66	1.4	132665	3	#Max	16QAM	21.38	3.26	24.64	PASS
Band66	1.4	132665	6	#0	16QAM	20.21	3.26	23.47	PASS
Band66	3	131987	1	#0	QPSK	22.20	3.26	25.46	PASS
Band66	3	131987	1	#Mid	QPSK	22.41	3.26	25.67	PASS
Band66	3	131987	1	#Max	QPSK	22.33	3.26	25.59	PASS
Band66	3	131987	8	#0	QPSK	21.35	3.26	24.61	PASS
Band66	3	131987	8	#Mid	QPSK	21.45	3.26	24.71	PASS
Band66	3	131987	8	#Max	QPSK	21.48	3.26	24.74	PASS
Band66	3	131987	15	#0	QPSK	21.38	3.26	24.64	PASS
Band66	3	131987	1	#0	16QAM	21.64	3.26	24.90	PASS
Band66	3	131987	1	#Mid	16QAM	21.90	3.26	25.16	PASS
Band66	3	131987	1	#Max	16QAM	21.82	3.26	25.08	PASS
Band66	3	131987	8	#0	16QAM	20.39	3.26	23.65	PASS
Band66	3	131987	8	#Mid	16QAM	20.47	3.26	23.73	PASS
Band66	3	131987	8	#Max	16QAM	20.50	3.26	23.76	PASS
Band66	3	131987	15	#0	16QAM	20.39	3.26	23.65	PASS
Band66	3	132322	1	#0	QPSK	21.49	3.26	24.75	PASS
Band66	3	132322	1	#Mid	QPSK	21.62	3.26	24.88	PASS
Band66	3	132322	1	#Max	QPSK	21.59	3.26	24.85	PASS
Band66	3	132322	8	#0	QPSK	20.76	3.26	24.02	PASS
Band66	3	132322	8	#Mid	QPSK	20.78	3.26	24.04	PASS
Band66	3	132322	8	#Max	QPSK	20.78	3.26	24.04	PASS
Band66	3	132322	15	#0	QPSK	20.71	3.26	23.97	PASS
Band66	3	132322	1	#0	16QAM	20.61	3.26	23.87	PASS
Band66	3	132322	1	#Mid	16QAM	20.76	3.26	24.02	PASS
Band66	3	132322	1	#Max	16QAM	20.62	3.26	23.88	PASS
Band66	3	132322	8	#0	16QAM	19.91	3.26	23.17	PASS
Band66	3	132322	8	#Mid	16QAM	19.96	3.26	23.22	PASS
Band66	3	132322	8	#Max	16QAM	19.92	3.26	23.18	PASS
Band66	3	132322	15	#0	16QAM	19.71	3.26	22.97	PASS
Band66	3	132657	1	#0	QPSK	21.66	3.26	24.92	PASS
Band66	3	132657	1	#Mid	QPSK	21.84	3.26	25.10	PASS
Band66	3	132657	1	#Max	QPSK	21.79	3.26	25.05	PASS
Band66	3	132657	8	#0	QPSK	20.72	3.26	23.98	PASS
Band66	3	132657	8	#Mid	QPSK	20.80	3.26	24.06	PASS
Band66	3	132657	8	#Max	QPSK	20.81	3.26	24.07	PASS
Band66	3	132657	15	#0	QPSK	20.71	3.26	23.97	PASS
Band66	3	132657	1	#0	16QAM	20.68	3.26	23.94	PASS
Band66	3	132657	1	#Mid	16QAM	20.87	3.26	24.13	PASS

Band66	3	132657	1	#Max	16QAM	20.94	3.26	24.20	PASS
Band66	3	132657	8	#0	16QAM	19.77	3.26	23.03	PASS
Band66	3	132657	8	#Mid	16QAM	19.84	3.26	23.10	PASS
Band66	3	132657	8	#Max	16QAM	19.87	3.26	23.13	PASS
Band66	3	132657	15	#0	16QAM	19.82	3.26	23.08	PASS
Band66	5	131997	1	#0	QPSK	22.23	3.26	25.49	PASS
Band66	5	131997	1	#Mid	QPSK	22.37	3.26	25.63	PASS
Band66	5	131997	1	#Max	QPSK	22.51	3.26	25.77	PASS
Band66	5	131997	12	#0	QPSK	21.17	3.26	24.43	PASS
Band66	5	131997	12	#Mid	QPSK	21.23	3.26	24.49	PASS
Band66	5	131997	12	#Max	QPSK	21.32	3.26	24.58	PASS
Band66	5	131997	25	#0	QPSK	21.34	3.26	24.60	PASS
Band66	5	131997	1	#0	16QAM	21.59	3.26	24.85	PASS
Band66	5	131997	1	#Mid	16QAM	21.79	3.26	25.05	PASS
Band66	5	131997	1	#Max	16QAM	21.96	3.26	25.22	PASS
Band66	5	131997	12	#0	16QAM	20.37	3.26	23.63	PASS
Band66	5	131997	12	#Mid	16QAM	20.43	3.26	23.69	PASS
Band66	5	131997	12	#Max	16QAM	20.53	3.26	23.79	PASS
Band66	5	131997	25	#0	16QAM	20.50	3.26	23.76	PASS
Band66	5	132322	1	#0	QPSK	21.51	3.26	24.77	PASS
Band66	5	132322	1	#Mid	QPSK	21.52	3.26	24.78	PASS
Band66	5	132322	1	#Max	QPSK	21.62	3.26	24.88	PASS
Band66	5	132322	12	#0	QPSK	20.56	3.26	23.82	PASS
Band66	5	132322	12	#Mid	QPSK	20.60	3.26	23.86	PASS
Band66	5	132322	12	#Max	QPSK	20.63	3.26	23.89	PASS
Band66	5	132322	25	#0	QPSK	20.58	3.26	23.84	PASS
Band66	5	132322	1	#0	16QAM	20.85	3.26	24.11	PASS
Band66	5	132322	1	#Mid	16QAM	20.96	3.26	24.22	PASS
Band66	5	132322	1	#Max	16QAM	21.09	3.26	24.35	PASS
Band66	5	132322	12	#0	16QAM	19.68	3.26	22.94	PASS
Band66	5	132322	12	#Mid	16QAM	19.72	3.26	22.98	PASS
Band66	5	132322	12	#Max	16QAM	19.75	3.26	23.01	PASS
Band66	5	132322	25	#0	16QAM	19.74	3.26	23.00	PASS
Band66	5	132647	1	#0	QPSK	21.52	3.26	24.78	PASS
Band66	5	132647	1	#Mid	QPSK	21.44	3.26	24.70	PASS
Band66	5	132647	1	#Max	QPSK	21.62	3.26	24.88	PASS
Band66	5	132647	12	#0	QPSK	20.76	3.26	24.02	PASS
Band66	5	132647	12	#Mid	QPSK	20.79	3.26	24.05	PASS
Band66	5	132647	12	#Max	QPSK	20.83	3.26	24.09	PASS
Band66	5	132647	25	#0	QPSK	20.77	3.26	24.03	PASS
Band66	5	132647	1	#0	16QAM	21.32	3.26	24.58	PASS
Band66	5	132647	1	#Mid	16QAM	21.29	3.26	24.55	PASS
Band66	5	132647	1	#Max	16QAM	21.49	3.26	24.75	PASS

Band66	5	132647	12	#0	16QAM	19.76	3.26	23.02	PASS
Band66	5	132647	12	#Mid	16QAM	19.80	3.26	23.06	PASS
Band66	5	132647	12	#Max	16QAM	19.86	3.26	23.12	PASS
Band66	5	132647	25	#0	16QAM	19.91	3.26	23.17	PASS
Band66	10	132022	1	#0	QPSK	22.34	3.26	25.60	PASS
Band66	10	132022	1	#Mid	QPSK	22.59	3.26	25.85	PASS
Band66	10	132022	1	#Max	QPSK	22.84	3.26	26.10	PASS
Band66	10	132022	25	#0	QPSK	21.49	3.26	24.75	PASS
Band66	10	132022	25	#Mid	QPSK	21.62	3.26	24.88	PASS
Band66	10	132022	25	#Max	QPSK	21.71	3.26	24.97	PASS
Band66	10	132022	50	#0	QPSK	21.57	3.26	24.83	PASS
Band66	10	132322	1	#0	QPSK	21.48	3.26	24.74	PASS
Band66	10	132322	1	#Mid	QPSK	21.52	3.26	24.78	PASS
Band66	10	132322	1	#Max	QPSK	21.74	3.26	25.00	PASS
Band66	10	132322	25	#0	QPSK	20.57	3.26	23.83	PASS
Band66	10	132322	25	#Mid	QPSK	20.58	3.26	23.84	PASS
Band66	10	132322	25	#Max	QPSK	20.70	3.26	23.96	PASS
Band66	10	132322	50	#0	QPSK	20.58	3.26	23.84	PASS
Band66	10	132622	1	#0	QPSK	22.13	3.26	25.39	PASS
Band66	10	132622	1	#Mid	QPSK	22.39	3.26	25.65	PASS
Band66	10	132622	1	#Max	QPSK	22.47	3.26	25.73	PASS
Band66	10	132622	25	#0	QPSK	20.73	3.26	23.99	PASS
Band66	10	132622	25	#Mid	QPSK	20.62	3.26	23.88	PASS
Band66	10	132622	25	#Max	QPSK	20.59	3.26	23.85	PASS
Band66	10	132622	50	#0	QPSK	20.63	3.26	23.89	PASS
Band66	15	132047	1	#0	QPSK	22.37	3.26	25.63	PASS
Band66	15	132047	1	#Mid	QPSK	22.73	3.26	25.99	PASS
Band66	15	132047	1	#Max	QPSK	22.57	3.26	25.83	PASS
Band66	15	132047	36	#0	QPSK	21.81	3.26	25.07	PASS
Band66	15	132047	36	#Mid	QPSK	21.92	3.26	25.18	PASS
Band66	15	132047	36	#Max	QPSK	21.94	3.26	25.20	PASS
Band66	15	132047	75	#0	QPSK	22.71	3.26	25.97	PASS
Band66	15	132322	1	#0	QPSK	21.88	3.26	25.14	PASS
Band66	15	132322	1	#Mid	QPSK	21.72	3.26	24.98	PASS
Band66	15	132322	1	#Max	QPSK	22.20	3.26	25.46	PASS
Band66	15	132322	36	#0	QPSK	20.60	3.26	23.86	PASS
Band66	15	132322	36	#Mid	QPSK	20.64	3.26	23.90	PASS
Band66	15	132322	36	#Max	QPSK	20.94	3.26	24.20	PASS
Band66	15	132322	75	#0	QPSK	21.97	3.26	25.23	PASS
Band66	15	132597	1	#0	QPSK	22.78	3.26	26.04	PASS
Band66	15	132597	1	#Mid	QPSK	22.02	3.26	25.28	PASS
Band66	15	132597	1	#Max	QPSK	21.87	3.26	25.13	PASS
Band66	15	132597	36	#0	QPSK	21.22	3.26	24.48	PASS

Band66	15	132597	36	#Mid	QPSK	20.85	3.26	24.11	PASS
Band66	15	132597	36	#Max	QPSK	20.59	3.26	23.85	PASS
Band66	15	132597	75	#0	QPSK	22.16	3.26	25.42	PASS
Band66	20	132072	1	#0	QPSK	23.32	3.26	26.58	PASS
Band66	20	132072	1	#Mid	QPSK	23.75	3.26	27.01	PASS
Band66	20	132072	1	#Max	QPSK	23.33	3.26	26.59	PASS
Band66	20	132072	50	#0	QPSK	22.53	3.26	25.79	PASS
Band66	20	132072	50	#Mid	QPSK	22.54	3.26	25.80	PASS
Band66	20	132072	50	#Max	QPSK	22.44	3.26	25.70	PASS
Band66	20	132072	100	#0	QPSK	23.30	3.26	26.56	PASS
Band66	20	132322	1	#0	QPSK	22.65	3.26	25.91	PASS
Band66	20	132322	1	#Mid	QPSK	22.51	3.26	25.77	PASS
Band66	20	132322	1	#Max	QPSK	22.95	3.26	26.21	PASS
Band66	20	132322	50	#0	QPSK	21.31	3.26	24.57	PASS
Band66	20	132322	50	#Mid	QPSK	21.28	3.26	24.54	PASS
Band66	20	132322	50	#Max	QPSK	21.63	3.26	24.89	PASS
Band66	20	132322	100	#0	QPSK	22.67	3.26	25.93	PASS
Band66	20	132572	1	#0	QPSK	23.34	3.26	26.60	PASS
Band66	20	132572	1	#Mid	QPSK	22.79	3.26	26.05	PASS
Band66	20	132572	1	#Max	QPSK	22.37	3.26	25.63	PASS
Band66	20	132572	50	#0	QPSK	22.32	3.26	25.58	PASS
Band66	20	132572	50	#Mid	QPSK	21.98	3.26	25.24	PASS
Band66	20	132572	50	#Max	QPSK	21.56	3.26	24.82	PASS
Band66	20	132572	100	#0	QPSK	22.64	3.26	25.90	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	-6.28	-0.004	PASS
Band66	1.4	131979	6	#0	QPSK	NV	NT	-4.48	-0.003	PASS
Band66	1.4	131979	6	#0	QPSK	HV	NT	-5.92	-0.003	PASS
Band66	1.4	131979	6	#0	16QAM	LV	NT	-7.17	-0.004	PASS
Band66	1.4	131979	6	#0	16QAM	NV	NT	-5.26	-0.003	PASS
Band66	1.4	131979	6	#0	16QAM	HV	NT	-6.07	-0.004	PASS
Band66	1.4	132322	6	#0	QPSK	LV	NT	-4.85	-0.003	PASS
Band66	1.4	132322	6	#0	QPSK	NV	NT	-3.40	-0.002	PASS
Band66	1.4	132322	6	#0	QPSK	HV	NT	-5.66	-0.003	PASS
Band66	1.4	132322	6	#0	16QAM	LV	NT	-4.42	-0.003	PASS
Band66	1.4	132322	6	#0	16QAM	NV	NT	-5.14	-0.003	PASS
Band66	1.4	132322	6	#0	16QAM	HV	NT	-5.84	-0.003	PASS
Band66	1.4	132665	6	#0	QPSK	LV	NT	-4.28	-0.002	PASS
Band66	1.4	132665	6	#0	QPSK	NV	NT	-6.49	-0.004	PASS
Band66	1.4	132665	6	#0	QPSK	HV	NT	-4.61	-0.003	PASS
Band66	1.4	132665	6	#0	16QAM	LV	NT	-4.96	-0.003	PASS
Band66	1.4	132665	6	#0	16QAM	NV	NT	-4.66	-0.003	PASS
Band66	1.4	132665	6	#0	16QAM	HV	NT	-5.31	-0.003	PASS
Band66	3	131987	15	#0	QPSK	LV	NT	-4.03	-0.002	PASS
Band66	3	131987	15	#0	QPSK	NV	NT	-5.78	-0.003	PASS
Band66	3	131987	15	#0	QPSK	HV	NT	-5.41	-0.003	PASS
Band66	3	131987	15	#0	16QAM	LV	NT	-5.01	-0.003	PASS
Band66	3	131987	15	#0	16QAM	NV	NT	-4.62	-0.003	PASS
Band66	3	131987	15	#0	16QAM	HV	NT	-4.49	-0.003	PASS
Band66	3	132322	15	#0	QPSK	LV	NT	-4.12	-0.002	PASS
Band66	3	132322	15	#0	QPSK	NV	NT	-4.56	-0.003	PASS
Band66	3	132322	15	#0	QPSK	HV	NT	-4.39	-0.003	PASS
Band66	3	132322	15	#0	16QAM	LV	NT	-4.06	-0.002	PASS
Band66	3	132322	15	#0	16QAM	NV	NT	-3.43	-0.002	PASS
Band66	3	132322	15	#0	16QAM	HV	NT	-3.53	-0.002	PASS
Band66	3	132657	15	#0	QPSK	LV	NT	-2.85	-0.002	PASS
Band66	3	132657	15	#0	QPSK	NV	NT	-3.68	-0.002	PASS
Band66	3	132657	15	#0	QPSK	HV	NT	-5.75	-0.003	PASS
Band66	3	132657	15	#0	16QAM	LV	NT	-3.79	-0.002	PASS
Band66	3	132657	15	#0	16QAM	NV	NT	-4.96	-0.003	PASS
Band66	3	132657	15	#0	16QAM	HV	NT	-3.86	-0.002	PASS
Band66	5	131997	25	#0	QPSK	LV	NT	-3.92	-0.002	PASS
Band66	5	131997	25	#0	QPSK	NV	NT	-3.49	-0.002	PASS

Band66	5	131997	25	#0	QPSK	HV	NT	-2.90	-0.002	PASS
Band66	5	131997	25	#0	16QAM	LV	NT	-2.22	-0.001	PASS
Band66	5	131997	25	#0	16QAM	NV	NT	-2.93	-0.002	PASS
Band66	5	131997	25	#0	16QAM	HV	NT	-2.95	-0.002	PASS
Band66	5	132322	25	#0	QPSK	LV	NT	-2.06	-0.001	PASS
Band66	5	132322	25	#0	QPSK	NV	NT	-2.37	-0.001	PASS
Band66	5	132322	25	#0	QPSK	HV	NT	-2.36	-0.001	PASS
Band66	5	132322	25	#0	16QAM	LV	NT	-4.13	-0.002	PASS
Band66	5	132322	25	#0	16QAM	NV	NT	-2.35	-0.001	PASS
Band66	5	132322	25	#0	16QAM	HV	NT	-2.65	-0.002	PASS
Band66	5	132647	25	#0	QPSK	LV	NT	-3.32	-0.002	PASS
Band66	5	132647	25	#0	QPSK	NV	NT	-3.45	-0.002	PASS
Band66	5	132647	25	#0	QPSK	HV	NT	-2.79	-0.002	PASS
Band66	5	132647	25	#0	16QAM	LV	NT	-3.02	-0.002	PASS
Band66	5	132647	25	#0	16QAM	NV	NT	-2.79	-0.002	PASS
Band66	5	132647	25	#0	16QAM	HV	NT	-1.36	-0.001	PASS
Band66	10	132022	50	#0	QPSK	LV	NT	-2.92	-0.002	PASS
Band66	10	132022	50	#0	QPSK	NV	NT	-2.03	-0.001	PASS
Band66	10	132022	50	#0	QPSK	HV	NT	-3.23	-0.002	PASS
Band66	10	132322	50	#0	QPSK	LV	NT	-2.79	-0.002	PASS
Band66	10	132322	50	#0	QPSK	NV	NT	-3.39	-0.002	PASS
Band66	10	132322	50	#0	QPSK	HV	NT	-2.56	-0.001	PASS
Band66	10	132622	50	#0	QPSK	LV	NT	-1.82	-0.001	PASS
Band66	10	132622	50	#0	QPSK	NV	NT	-1.60	-0.001	PASS
Band66	10	132622	50	#0	QPSK	HV	NT	-2.47	-0.001	PASS
Band66	15	132047	75	#0	QPSK	LV	NT	-3.85	-0.002	PASS
Band66	15	132047	75	#0	QPSK	NV	NT	-1.47	-0.001	PASS
Band66	15	132047	75	#0	QPSK	HV	NT	-2.82	-0.002	PASS
Band66	15	132322	75	#0	QPSK	LV	NT	-1.63	-0.001	PASS
Band66	15	132322	75	#0	QPSK	NV	NT	-3.15	-0.002	PASS
Band66	15	132322	75	#0	QPSK	HV	NT	-1.52	-0.001	PASS
Band66	15	132597	75	#0	QPSK	LV	NT	-2.10	-0.001	PASS
Band66	15	132597	75	#0	QPSK	NV	NT	-1.83	-0.001	PASS
Band66	15	132597	75	#0	QPSK	HV	NT	-1.65	-0.001	PASS
Band66	20	132072	100	#0	QPSK	LV	NT	-2.06	-0.001	PASS
Band66	20	132072	100	#0	QPSK	NV	NT	-1.34	-0.001	PASS
Band66	20	132072	100	#0	QPSK	HV	NT	-2.39	-0.001	PASS
Band66	20	132322	100	#0	QPSK	LV	NT	-1.42	-0.001	PASS
Band66	20	132322	100	#0	QPSK	NV	NT	-2.16	-0.001	PASS
Band66	20	132322	100	#0	QPSK	HV	NT	-2.68	-0.002	PASS
Band66	20	132572	100	#0	QPSK	LV	NT	-1.43	-0.001	PASS
Band66	20	132572	100	#0	QPSK	NV	NT	-2.88	-0.002	PASS
Band66	20	132572	100	#0	QPSK	HV	NT	-1.14	-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	-2.35	-0.001	PASS
Band66	1.4	131979	6	#0	QPSK	NV	-20	-1.00	-0.001	PASS
Band66	1.4	131979	6	#0	QPSK	NV	-10	-1.24	-0.001	PASS
Band66	1.4	131979	6	#0	QPSK	NV	0	-0.47	0.000	PASS
Band66	1.4	131979	6	#0	QPSK	NV	10	-0.44	0.000	PASS
Band66	1.4	131979	6	#0	QPSK	NV	20	0.51	0.000	PASS
Band66	1.4	131979	6	#0	QPSK	NV	30	1.27	0.001	PASS
Band66	1.4	131979	6	#0	QPSK	NV	40	0.46	0.000	PASS
Band66	1.4	131979	6	#0	QPSK	NV	50	2.22	0.001	PASS
Band66	1.4	131979	6	#0	16QAM	NV	-30	2.09	0.001	PASS
Band66	1.4	131979	6	#0	16QAM	NV	-20	0.40	0.000	PASS
Band66	1.4	131979	6	#0	16QAM	NV	-10	1.10	0.001	PASS
Band66	1.4	131979	6	#0	16QAM	NV	0	0.37	0.000	PASS
Band66	1.4	131979	6	#0	16QAM	NV	10	0.04	0.000	PASS
Band66	1.4	131979	6	#0	16QAM	NV	20	0.13	0.000	PASS
Band66	1.4	131979	6	#0	16QAM	NV	30	-0.77	0.000	PASS
Band66	1.4	131979	6	#0	16QAM	NV	40	0.43	0.000	PASS
Band66	1.4	131979	6	#0	16QAM	NV	50	-1.19	-0.001	PASS
Band66	1.4	132322	6	#0	QPSK	NV	-30	-1.47	-0.001	PASS
Band66	1.4	132322	6	#0	QPSK	NV	-20	0.66	0.000	PASS
Band66	1.4	132322	6	#0	QPSK	NV	-10	1.14	0.001	PASS
Band66	1.4	132322	6	#0	QPSK	NV	0	0.01	0.000	PASS
Band66	1.4	132322	6	#0	QPSK	NV	10	0.36	0.000	PASS
Band66	1.4	132322	6	#0	QPSK	NV	20	0.89	0.001	PASS
Band66	1.4	132322	6	#0	QPSK	NV	30	-0.53	0.000	PASS
Band66	1.4	132322	6	#0	QPSK	NV	40	0.73	0.000	PASS
Band66	1.4	132322	6	#0	QPSK	NV	50	0.17	0.000	PASS
Band66	1.4	132322	6	#0	16QAM	NV	-30	1.99	0.001	PASS
Band66	1.4	132322	6	#0	16QAM	NV	-20	-0.89	-0.001	PASS
Band66	1.4	132322	6	#0	16QAM	NV	-10	-0.92	-0.001	PASS
Band66	1.4	132322	6	#0	16QAM	NV	0	-0.96	-0.001	PASS
Band66	1.4	132322	6	#0	16QAM	NV	10	-1.66	-0.001	PASS
Band66	1.4	132322	6	#0	16QAM	NV	20	-0.24	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	-0.19	0.000	PASS
Band66	1.4	132322	6	#0	16QAM	NV	50	-0.54	0.000	PASS
Band66	1.4	132665	6	#0	QPSK	NV	-30	-0.92	-0.001	PASS
Band66	1.4	132665	6	#0	QPSK	NV	-20	1.09	0.001	PASS
Band66	1.4	132665	6	#0	QPSK	NV	-10	1.32	0.001	PASS
Band66	1.4	132665	6	#0	QPSK	NV	0	1.17	0.001	PASS

Band66	1.4	132665	6	#0	QPSK	NV	10	1.62	0.001	PASS
Band66	1.4	132665	6	#0	QPSK	NV	20	1.46	0.001	PASS
Band66	1.4	132665	6	#0	QPSK	NV	30	1.32	0.001	PASS
Band66	1.4	132665	6	#0	QPSK	NV	40	1.23	0.001	PASS
Band66	1.4	132665	6	#0	QPSK	NV	50	0.77	0.000	PASS
Band66	1.4	132665	6	#0	16QAM	NV	-30	3.29	0.002	PASS
Band66	1.4	132665	6	#0	16QAM	NV	-20	2.93	0.002	PASS
Band66	1.4	132665	6	#0	16QAM	NV	-10	1.67	0.001	PASS
Band66	1.4	132665	6	#0	16QAM	NV	0	2.82	0.002	PASS
Band66	1.4	132665	6	#0	16QAM	NV	10	1.40	0.001	PASS
Band66	1.4	132665	6	#0	16QAM	NV	20	1.82	0.001	PASS
Band66	1.4	132665	6	#0	16QAM	NV	30	2.02	0.001	PASS
Band66	1.4	132665	6	#0	16QAM	NV	40	2.27	0.001	PASS
Band66	1.4	132665	6	#0	16QAM	NV	50	2.53	0.001	PASS
Band66	3	131987	15	#0	QPSK	NV	-30	-2.95	-0.002	PASS
Band66	3	131987	15	#0	QPSK	NV	-20	-1.60	-0.001	PASS
Band66	3	131987	15	#0	QPSK	NV	-10	-0.60	0.000	PASS
Band66	3	131987	15	#0	QPSK	NV	0	-0.50	0.000	PASS
Band66	3	131987	15	#0	QPSK	NV	10	-0.60	0.000	PASS
Band66	3	131987	15	#0	QPSK	NV	20	0.29	0.000	PASS
Band66	3	131987	15	#0	QPSK	NV	30	0.36	0.000	PASS
Band66	3	131987	15	#0	QPSK	NV	40	1.47	0.001	PASS
Band66	3	131987	15	#0	QPSK	NV	50	0.93	0.001	PASS
Band66	3	131987	15	#0	16QAM	NV	-30	0.73	0.000	PASS
Band66	3	131987	15	#0	16QAM	NV	-20	0.09	0.000	PASS
Band66	3	131987	15	#0	16QAM	NV	-10	0.37	0.000	PASS
Band66	3	131987	15	#0	16QAM	NV	0	-1.09	-0.001	PASS
Band66	3	131987	15	#0	16QAM	NV	10	-1.33	-0.001	PASS
Band66	3	131987	15	#0	16QAM	NV	20	-1.59	-0.001	PASS
Band66	3	131987	15	#0	16QAM	NV	30	-0.51	0.000	PASS
Band66	3	131987	15	#0	16QAM	NV	40	0.14	0.000	PASS
Band66	3	131987	15	#0	16QAM	NV	50	0.37	0.000	PASS
Band66	3	132322	15	#0	QPSK	NV	-30	0.21	0.000	PASS
Band66	3	132322	15	#0	QPSK	NV	-20	1.52	0.001	PASS
Band66	3	132322	15	#0	QPSK	NV	-10	-0.72	0.000	PASS
Band66	3	132322	15	#0	QPSK	NV	0	0.62	0.000	PASS
Band66	3	132322	15	#0	QPSK	NV	10	-0.54	0.000	PASS
Band66	3	132322	15	#0	QPSK	NV	20	0.36	0.000	PASS
Band66	3	132322	15	#0	QPSK	NV	30	0.70	0.000	PASS
Band66	3	132322	15	#0	QPSK	NV	40	-0.24	0.000	PASS
Band66	3	132322	15	#0	QPSK	NV	50	-0.17	0.000	PASS
Band66	3	132322	15	#0	16QAM	NV	-30	-0.06	0.000	PASS
Band66	3	132322	15	#0	16QAM	NV	-20	-0.90	-0.001	PASS

Band66	3	132322	15	#0	16QAM	NV	-10	-0.84	0.000	PASS
Band66	3	132322	15	#0	16QAM	NV	0	0.76	0.000	PASS
Band66	3	132322	15	#0	16QAM	NV	10	1.09	0.001	PASS
Band66	3	132322	15	#0	16QAM	NV	20	-0.19	0.000	PASS
Band66	3	132322	15	#0	16QAM	NV	30	-0.70	0.000	PASS
Band66	3	132322	15	#0	16QAM	NV	40	1.59	0.001	PASS
Band66	3	132322	15	#0	16QAM	NV	50	0.70	0.000	PASS
Band66	3	132657	15	#0	QPSK	NV	-30	0.13	0.000	PASS
Band66	3	132657	15	#0	QPSK	NV	-20	1.09	0.001	PASS
Band66	3	132657	15	#0	QPSK	NV	-10	0.97	0.001	PASS
Band66	3	132657	15	#0	QPSK	NV	0	1.93	0.001	PASS
Band66	3	132657	15	#0	QPSK	NV	10	2.26	0.001	PASS
Band66	3	132657	15	#0	QPSK	NV	20	2.50	0.001	PASS
Band66	3	132657	15	#0	QPSK	NV	30	0.93	0.001	PASS
Band66	3	132657	15	#0	QPSK	NV	40	1.50	0.001	PASS
Band66	3	132657	15	#0	QPSK	NV	50	1.96	0.001	PASS
Band66	3	132657	15	#0	16QAM	NV	-30	1.09	0.001	PASS
Band66	3	132657	15	#0	16QAM	NV	-20	1.32	0.001	PASS
Band66	3	132657	15	#0	16QAM	NV	-10	2.13	0.001	PASS
Band66	3	132657	15	#0	16QAM	NV	0	0.74	0.000	PASS
Band66	3	132657	15	#0	16QAM	NV	10	0.54	0.000	PASS
Band66	3	132657	15	#0	16QAM	NV	20	1.62	0.001	PASS
Band66	3	132657	15	#0	16QAM	NV	30	0.72	0.000	PASS
Band66	3	132657	15	#0	16QAM	NV	40	1.49	0.001	PASS
Band66	3	132657	15	#0	16QAM	NV	50	1.80	0.001	PASS
Band66	5	131997	25	#0	QPSK	NV	-30	-1.56	-0.001	PASS
Band66	5	131997	25	#0	QPSK	NV	-20	0.70	0.000	PASS
Band66	5	131997	25	#0	QPSK	NV	-10	0.67	0.000	PASS
Band66	5	131997	25	#0	QPSK	NV	0	0.84	0.000	PASS
Band66	5	131997	25	#0	QPSK	NV	10	0.63	0.000	PASS
Band66	5	131997	25	#0	QPSK	NV	20	-0.34	0.000	PASS
Band66	5	131997	25	#0	QPSK	NV	30	-0.47	0.000	PASS
Band66	5	131997	25	#0	QPSK	NV	40	0.69	0.000	PASS
Band66	5	131997	25	#0	QPSK	NV	50	0.84	0.000	PASS
Band66	5	131997	25	#0	16QAM	NV	-30	2.42	0.001	PASS
Band66	5	131997	25	#0	16QAM	NV	-20	0.31	0.000	PASS
Band66	5	131997	25	#0	16QAM	NV	-10	0.27	0.000	PASS
Band66	5	131997	25	#0	16QAM	NV	0	0.93	0.001	PASS
Band66	5	131997	25	#0	16QAM	NV	10	1.23	0.001	PASS
Band66	5	131997	25	#0	16QAM	NV	20	-0.47	0.000	PASS
Band66	5	131997	25	#0	16QAM	NV	30	0.41	0.000	PASS
Band66	5	131997	25	#0	16QAM	NV	40	-0.74	0.000	PASS
Band66	5	131997	25	#0	16QAM	NV	50	-0.49	0.000	PASS

Band66	5	132322	25	#0	QPSK	NV	-30	0.33	0.000	PASS
Band66	5	132322	25	#0	QPSK	NV	-20	-0.57	0.000	PASS
Band66	5	132322	25	#0	QPSK	NV	-10	-0.26	0.000	PASS
Band66	5	132322	25	#0	QPSK	NV	0	1.00	0.001	PASS
Band66	5	132322	25	#0	QPSK	NV	10	0.41	0.000	PASS
Band66	5	132322	25	#0	QPSK	NV	20	1.16	0.001	PASS
Band66	5	132322	25	#0	QPSK	NV	30	-0.09	0.000	PASS
Band66	5	132322	25	#0	QPSK	NV	40	0.33	0.000	PASS
Band66	5	132322	25	#0	QPSK	NV	50	0.43	0.000	PASS
Band66	5	132322	25	#0	16QAM	NV	-30	0.79	0.000	PASS
Band66	5	132322	25	#0	16QAM	NV	-20	0.83	0.000	PASS
Band66	5	132322	25	#0	16QAM	NV	-10	0.23	0.000	PASS
Band66	5	132322	25	#0	16QAM	NV	0	-0.56	0.000	PASS
Band66	5	132322	25	#0	16QAM	NV	10	-1.96	-0.001	PASS
Band66	5	132322	25	#0	16QAM	NV	20	-0.49	0.000	PASS
Band66	5	132322	25	#0	16QAM	NV	30	-0.04	0.000	PASS
Band66	5	132322	25	#0	16QAM	NV	40	-0.43	0.000	PASS
Band66	5	132322	25	#0	16QAM	NV	50	-0.10	0.000	PASS
Band66	5	132647	25	#0	QPSK	NV	-30	-0.74	0.000	PASS
Band66	5	132647	25	#0	QPSK	NV	-20	1.19	0.001	PASS
Band66	5	132647	25	#0	QPSK	NV	-10	0.82	0.000	PASS
Band66	5	132647	25	#0	QPSK	NV	0	1.69	0.001	PASS
Band66	5	132647	25	#0	QPSK	NV	10	1.83	0.001	PASS
Band66	5	132647	25	#0	QPSK	NV	20	0.89	0.001	PASS
Band66	5	132647	25	#0	QPSK	NV	30	0.40	0.000	PASS
Band66	5	132647	25	#0	QPSK	NV	40	1.86	0.001	PASS
Band66	5	132647	25	#0	QPSK	NV	50	0.66	0.000	PASS
Band66	5	132647	25	#0	16QAM	NV	-30	0.09	0.000	PASS
Band66	5	132647	25	#0	16QAM	NV	-20	1.67	0.001	PASS
Band66	5	132647	25	#0	16QAM	NV	-10	0.17	0.000	PASS
Band66	5	132647	25	#0	16QAM	NV	0	1.39	0.001	PASS
Band66	5	132647	25	#0	16QAM	NV	10	1.76	0.001	PASS
Band66	5	132647	25	#0	16QAM	NV	20	1.67	0.001	PASS
Band66	5	132647	25	#0	16QAM	NV	30	1.26	0.001	PASS
Band66	5	132647	25	#0	16QAM	NV	40	1.36	0.001	PASS
Band66	5	132647	25	#0	16QAM	NV	50	1.30	0.001	PASS
Band66	10	132022	50	#0	QPSK	NV	-30	-2.32	-0.001	PASS
Band66	10	132022	50	#0	QPSK	NV	-20	-1.60	-0.001	PASS
Band66	10	132022	50	#0	QPSK	NV	-10	-0.33	0.000	PASS
Band66	10	132022	50	#0	QPSK	NV	0	0.46	0.000	PASS
Band66	10	132022	50	#0	QPSK	NV	10	0.73	0.000	PASS
Band66	10	132022	50	#0	QPSK	NV	20	-0.30	0.000	PASS
Band66	10	132022	50	#0	QPSK	NV	30	0.09	0.000	PASS

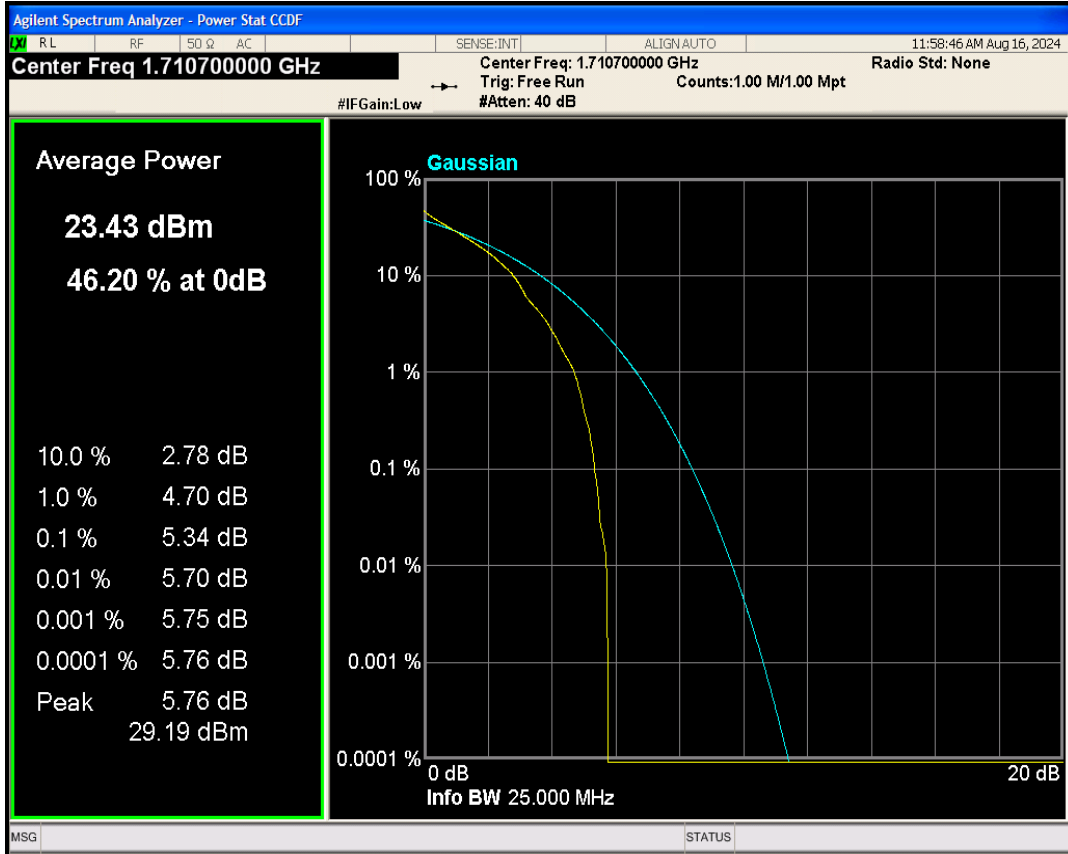
Band66	10	132022	50	#0	QPSK	NV	40	0.27	0.000	PASS
Band66	10	132022	50	#0	QPSK	NV	50	-0.39	0.000	PASS
Band66	10	132322	50	#0	QPSK	NV	-30	0.30	0.000	PASS
Band66	10	132322	50	#0	QPSK	NV	-20	-0.10	0.000	PASS
Band66	10	132322	50	#0	QPSK	NV	-10	0.82	0.000	PASS
Band66	10	132322	50	#0	QPSK	NV	0	1.50	0.001	PASS
Band66	10	132322	50	#0	QPSK	NV	10	0.94	0.001	PASS
Band66	10	132322	50	#0	QPSK	NV	20	1.70	0.001	PASS
Band66	10	132322	50	#0	QPSK	NV	30	0.69	0.000	PASS
Band66	10	132322	50	#0	QPSK	NV	40	0.24	0.000	PASS
Band66	10	132322	50	#0	QPSK	NV	50	0.27	0.000	PASS
Band66	10	132622	50	#0	QPSK	NV	-30	-0.67	0.000	PASS
Band66	10	132622	50	#0	QPSK	NV	-20	0.82	0.000	PASS
Band66	10	132622	50	#0	QPSK	NV	-10	-0.20	0.000	PASS
Band66	10	132622	50	#0	QPSK	NV	0	0.57	0.000	PASS
Band66	10	132622	50	#0	QPSK	NV	10	2.20	0.001	PASS
Band66	10	132622	50	#0	QPSK	NV	20	0.97	0.001	PASS
Band66	10	132622	50	#0	QPSK	NV	30	2.72	0.002	PASS
Band66	10	132622	50	#0	QPSK	NV	40	2.59	0.001	PASS
Band66	10	132622	50	#0	QPSK	NV	50	0.66	0.000	PASS
Band66	15	132047	75	#0	QPSK	NV	-30	-1.69	-0.001	PASS
Band66	15	132047	75	#0	QPSK	NV	-20	0.87	0.001	PASS
Band66	15	132047	75	#0	QPSK	NV	-10	0.90	0.001	PASS
Band66	15	132047	75	#0	QPSK	NV	0	0.62	0.000	PASS
Band66	15	132047	75	#0	QPSK	NV	10	1.06	0.001	PASS
Band66	15	132047	75	#0	QPSK	NV	20	0.51	0.000	PASS
Band66	15	132047	75	#0	QPSK	NV	30	0.23	0.000	PASS
Band66	15	132047	75	#0	QPSK	NV	40	-0.56	0.000	PASS
Band66	15	132047	75	#0	QPSK	NV	50	0.37	0.000	PASS
Band66	15	132322	75	#0	QPSK	NV	-30	0.73	0.000	PASS
Band66	15	132322	75	#0	QPSK	NV	-20	0.06	0.000	PASS
Band66	15	132322	75	#0	QPSK	NV	-10	1.14	0.001	PASS
Band66	15	132322	75	#0	QPSK	NV	0	0.84	0.000	PASS
Band66	15	132322	75	#0	QPSK	NV	10	0.13	0.000	PASS
Band66	15	132322	75	#0	QPSK	NV	20	1.04	0.001	PASS
Band66	15	132322	75	#0	QPSK	NV	30	-0.03	0.000	PASS
Band66	15	132322	75	#0	QPSK	NV	40	-0.14	0.000	PASS
Band66	15	132322	75	#0	QPSK	NV	50	1.60	0.001	PASS
Band66	15	132597	75	#0	QPSK	NV	-30	0.77	0.000	PASS
Band66	15	132597	75	#0	QPSK	NV	-20	1.52	0.001	PASS
Band66	15	132597	75	#0	QPSK	NV	-10	1.57	0.001	PASS
Band66	15	132597	75	#0	QPSK	NV	0	1.00	0.001	PASS
Band66	15	132597	75	#0	QPSK	NV	10	-1.22	-0.001	PASS

Band66	15	132597	75	#0	QPSK	NV	20	0.36	0.000	PASS
Band66	15	132597	75	#0	QPSK	NV	30	0.50	0.000	PASS
Band66	15	132597	75	#0	QPSK	NV	40	1.14	0.001	PASS
Band66	15	132597	75	#0	QPSK	NV	50	1.86	0.001	PASS
Band66	20	132072	100	#0	QPSK	NV	-30	-1.17	-0.001	PASS
Band66	20	132072	100	#0	QPSK	NV	-20	-0.27	0.000	PASS
Band66	20	132072	100	#0	QPSK	NV	-10	0.56	0.000	PASS
Band66	20	132072	100	#0	QPSK	NV	0	-0.80	0.000	PASS
Band66	20	132072	100	#0	QPSK	NV	10	0.24	0.000	PASS
Band66	20	132072	100	#0	QPSK	NV	20	1.23	0.001	PASS
Band66	20	132072	100	#0	QPSK	NV	30	-1.33	-0.001	PASS
Band66	20	132072	100	#0	QPSK	NV	40	-0.44	0.000	PASS
Band66	20	132072	100	#0	QPSK	NV	50	-0.67	0.000	PASS
Band66	20	132322	100	#0	QPSK	NV	-30	0.19	0.000	PASS
Band66	20	132322	100	#0	QPSK	NV	-20	0.36	0.000	PASS
Band66	20	132322	100	#0	QPSK	NV	-10	0.46	0.000	PASS
Band66	20	132322	100	#0	QPSK	NV	0	1.06	0.001	PASS
Band66	20	132322	100	#0	QPSK	NV	10	-1.33	-0.001	PASS
Band66	20	132322	100	#0	QPSK	NV	20	0.33	0.000	PASS
Band66	20	132322	100	#0	QPSK	NV	30	-0.67	0.000	PASS
Band66	20	132322	100	#0	QPSK	NV	40	0.76	0.000	PASS
Band66	20	132322	100	#0	QPSK	NV	50	0.09	0.000	PASS
Band66	20	132572	100	#0	QPSK	NV	-30	0.51	0.000	PASS
Band66	20	132572	100	#0	QPSK	NV	-20	0.20	0.000	PASS
Band66	20	132572	100	#0	QPSK	NV	-10	-0.79	0.000	PASS
Band66	20	132572	100	#0	QPSK	NV	0	-1.34	-0.001	PASS
Band66	20	132572	100	#0	QPSK	NV	10	0.24	0.000	PASS
Band66	20	132572	100	#0	QPSK	NV	20	-1.46	-0.001	PASS
Band66	20	132572	100	#0	QPSK	NV	30	-0.27	0.000	PASS
Band66	20	132572	100	#0	QPSK	NV	40	-0.90	-0.001	PASS
Band66	20	132572	100	#0	QPSK	NV	50	-0.51	0.000	PASS

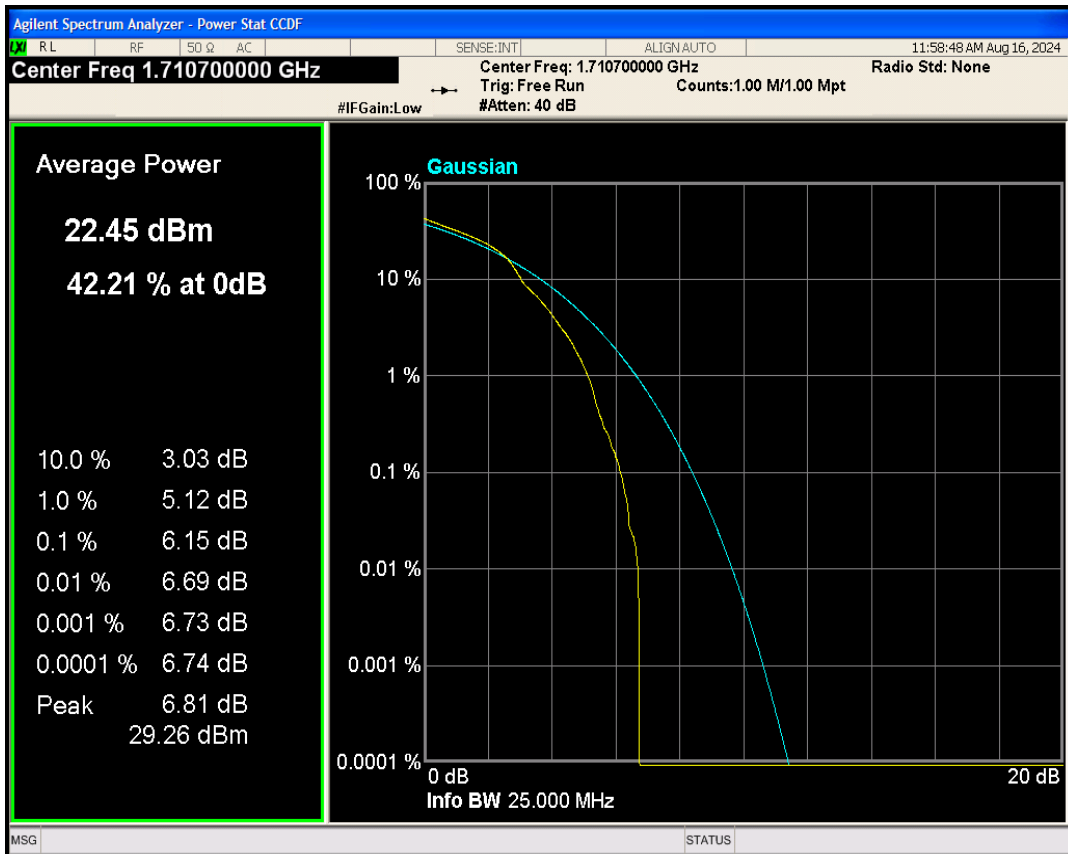
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band66	1.4	131979	1	#0	QPSK	5.34	13	PASS
Band66	1.4	131979	1	#0	16QAM	6.15	13	PASS
Band66	1.4	132322	1	#0	QPSK	5.53	13	PASS
Band66	1.4	132322	1	#0	16QAM	6.31	13	PASS
Band66	1.4	132665	1	#0	QPSK	4.94	13	PASS
Band66	1.4	132665	1	#0	16QAM	5.72	13	PASS
Band66	3	131987	1	#0	QPSK	5.31	13	PASS
Band66	3	131987	1	#0	16QAM	6.25	13	PASS
Band66	3	132322	1	#0	QPSK	5.55	13	PASS
Band66	3	132322	1	#0	16QAM	6.29	13	PASS
Band66	3	132657	1	#0	QPSK	5.17	13	PASS
Band66	3	132657	1	#0	16QAM	5.78	13	PASS
Band66	5	131997	1	#0	QPSK	5.16	13	PASS
Band66	5	131997	1	#0	16QAM	6.07	13	PASS
Band66	5	132322	1	#0	QPSK	5.57	13	PASS
Band66	5	132322	1	#0	16QAM	6.29	13	PASS
Band66	5	132647	1	#0	QPSK	5.31	13	PASS
Band66	5	132647	1	#0	16QAM	5.59	13	PASS
Band66	10	132022	1	#0	QPSK	5.17	13	PASS
Band66	10	132322	1	#0	QPSK	5.74	13	PASS
Band66	10	132622	1	#0	QPSK	5.23	13	PASS
Band66	15	132047	1	#0	QPSK	5.05	13	PASS
Band66	15	132322	1	#0	QPSK	5.50	13	PASS
Band66	15	132597	1	#0	QPSK	4.49	13	PASS
Band66	20	132072	1	#0	QPSK	5.19	13	PASS
Band66	20	132322	1	#0	QPSK	5.73	13	PASS
Band66	20	132572	1	#0	QPSK	4.03	13	PASS

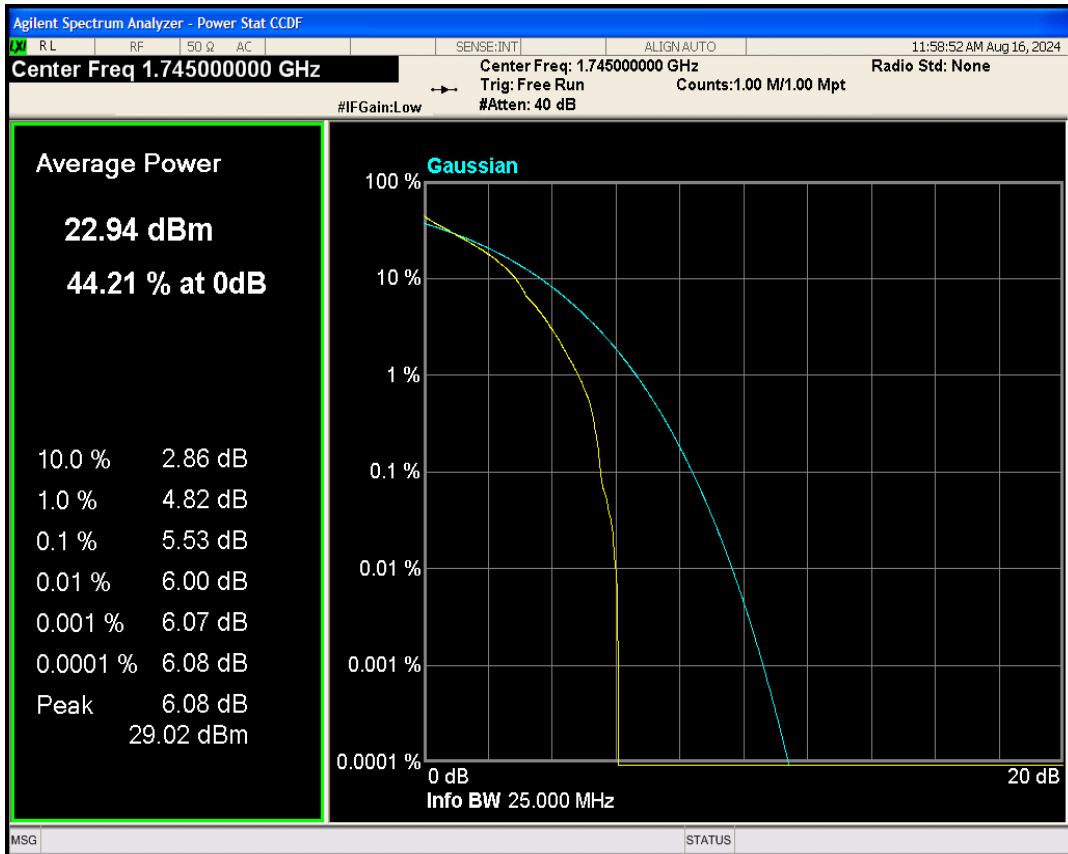
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#0



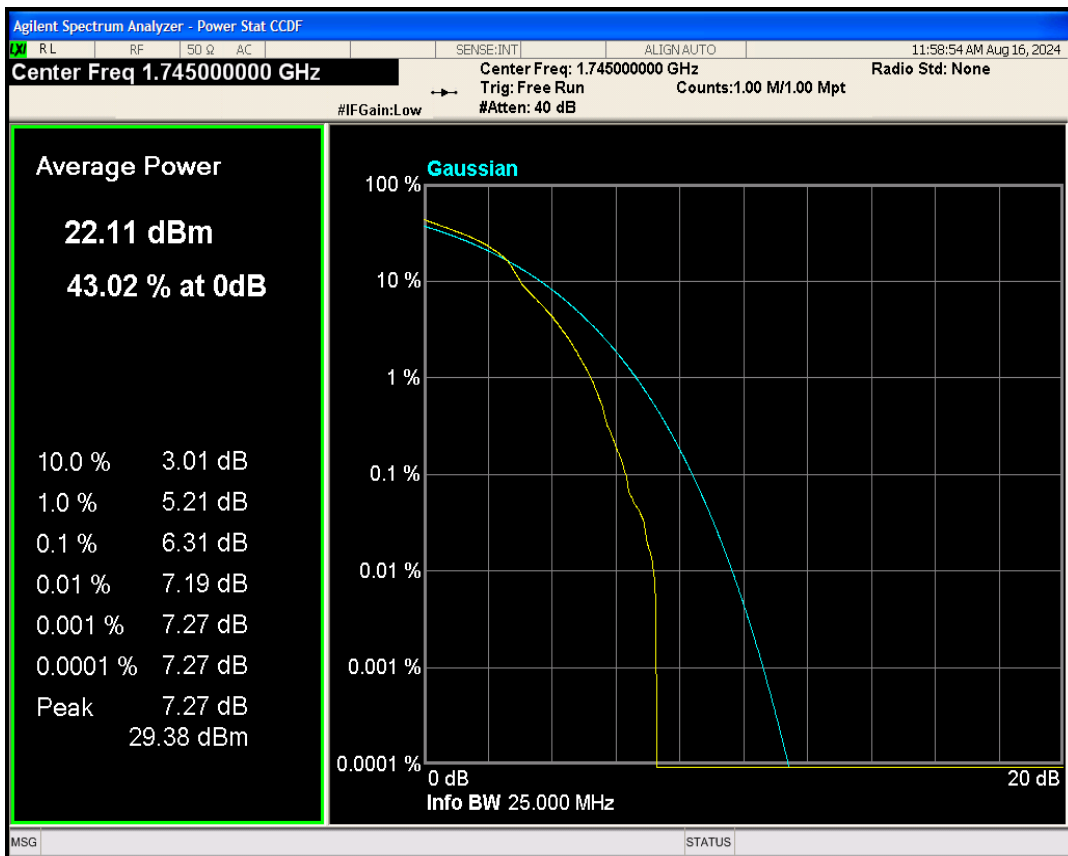
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=1 Position=#0



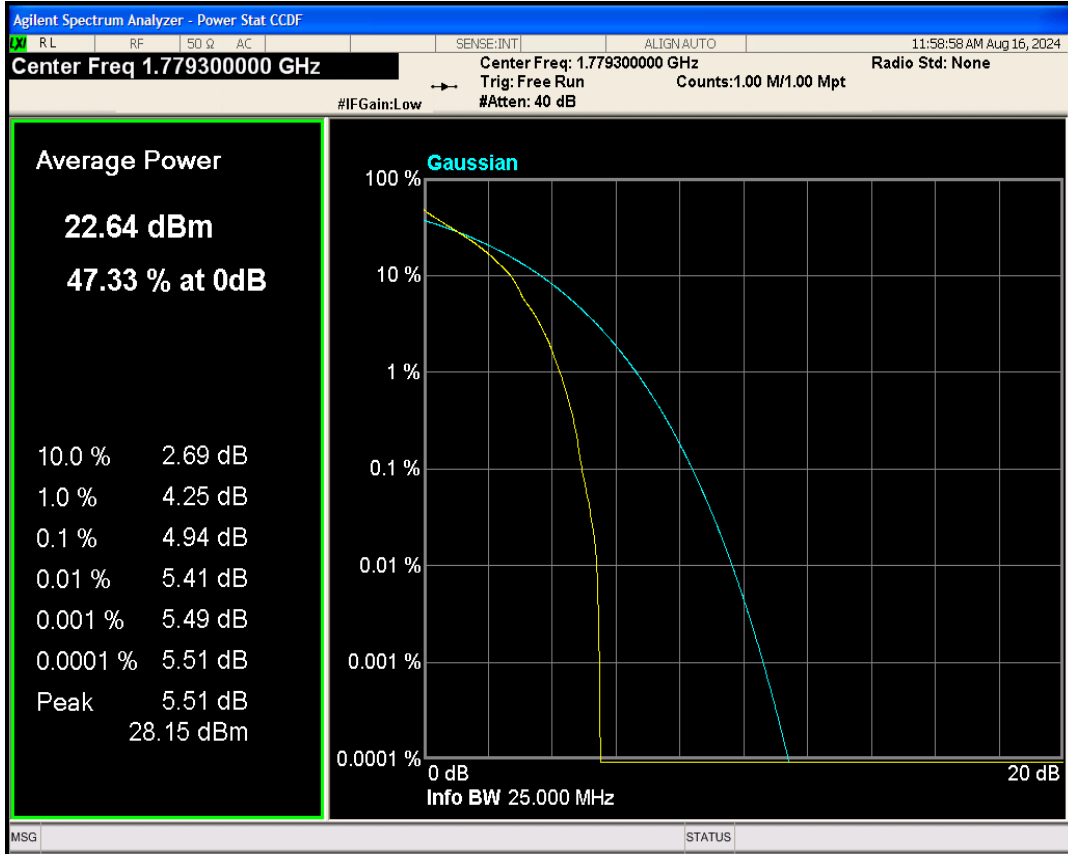
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0



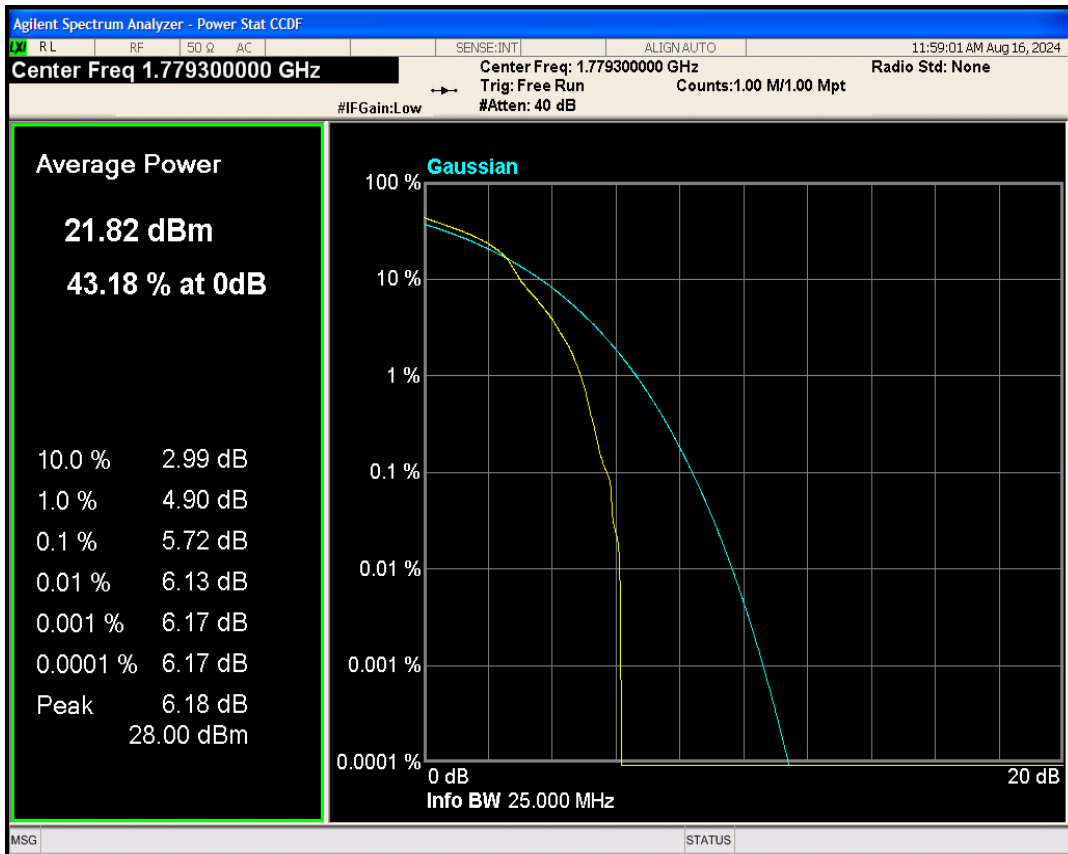
Band66 16QAM BW=1.4MHz Channel=132322 RB Size=1 Position=#0



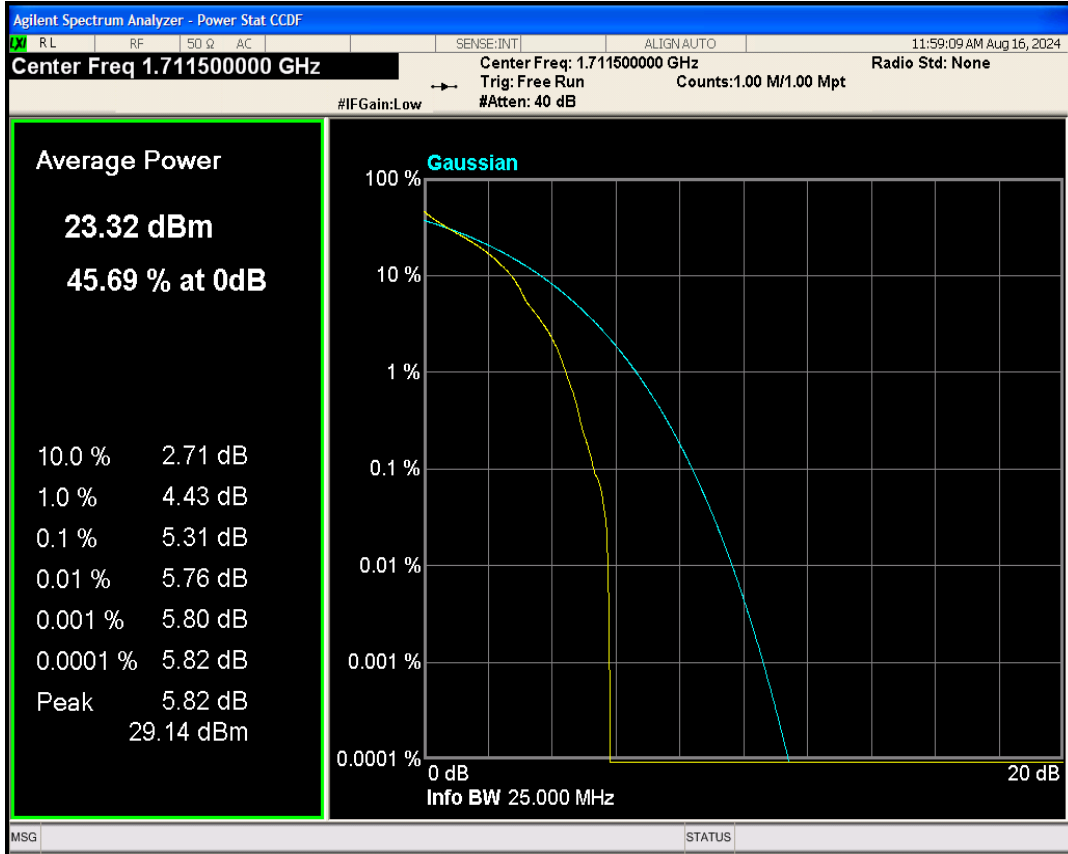
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#0



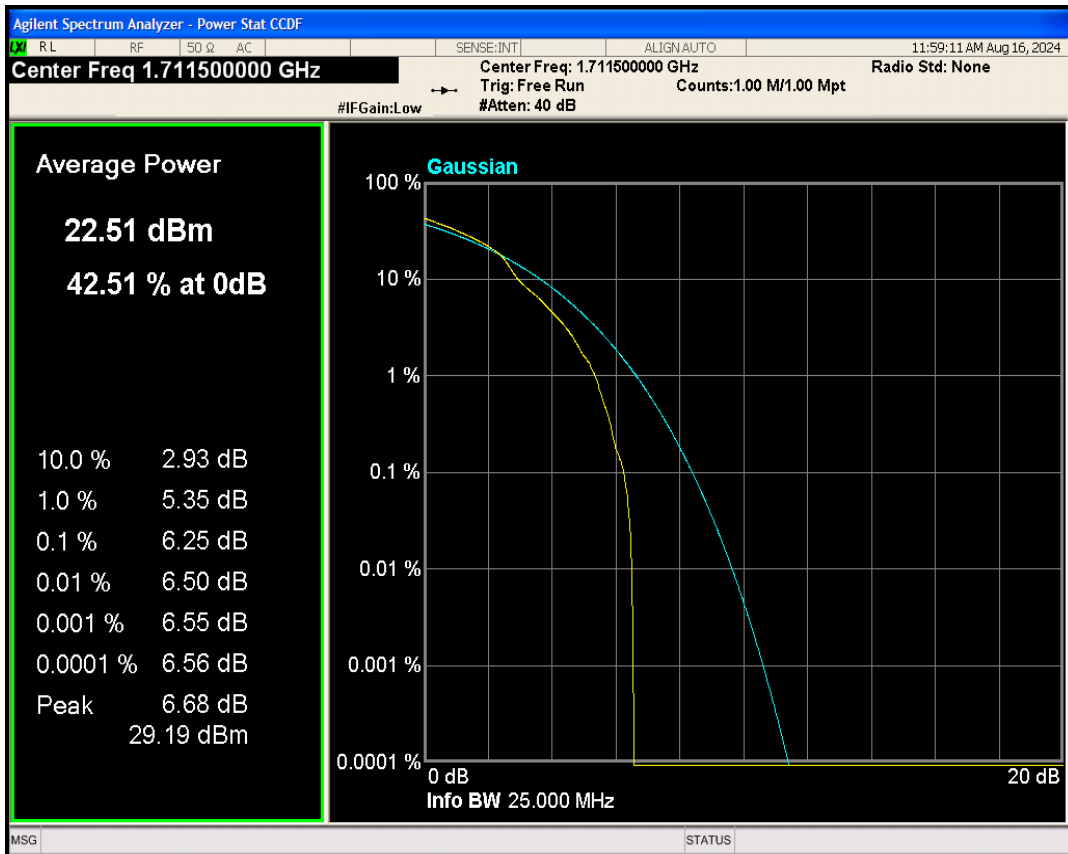
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=1 Position=#0



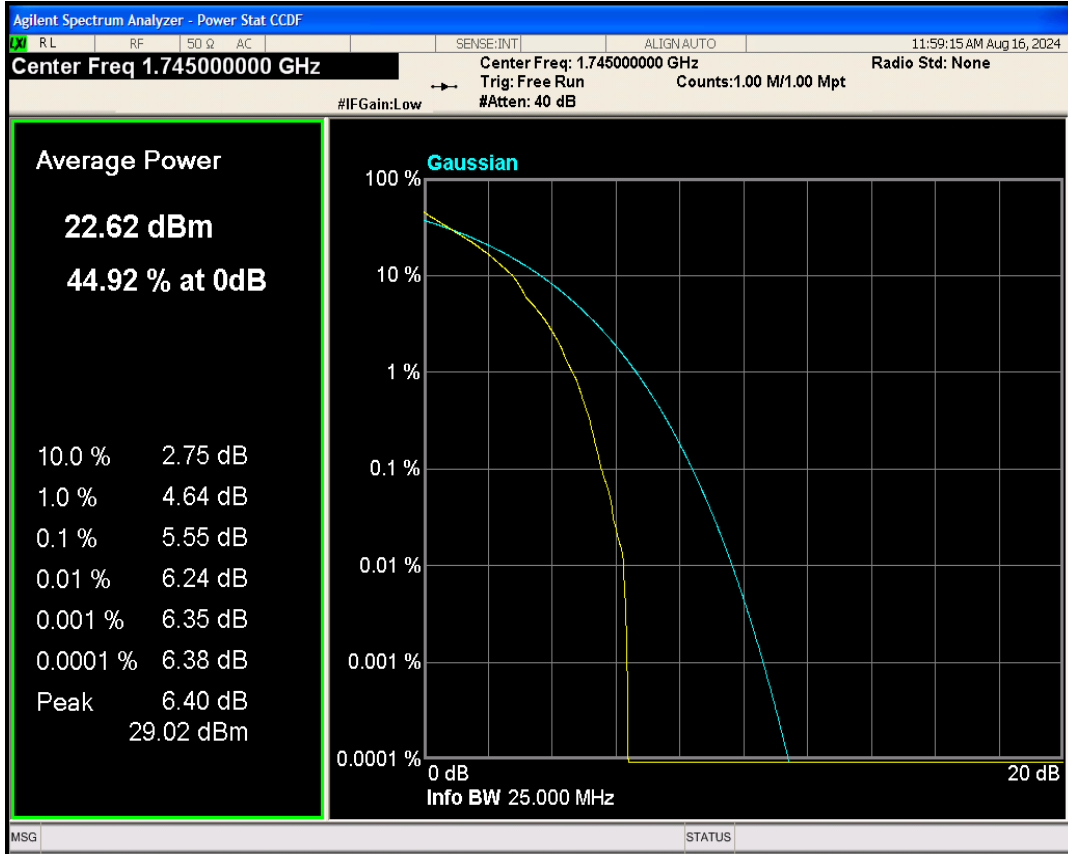
Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0



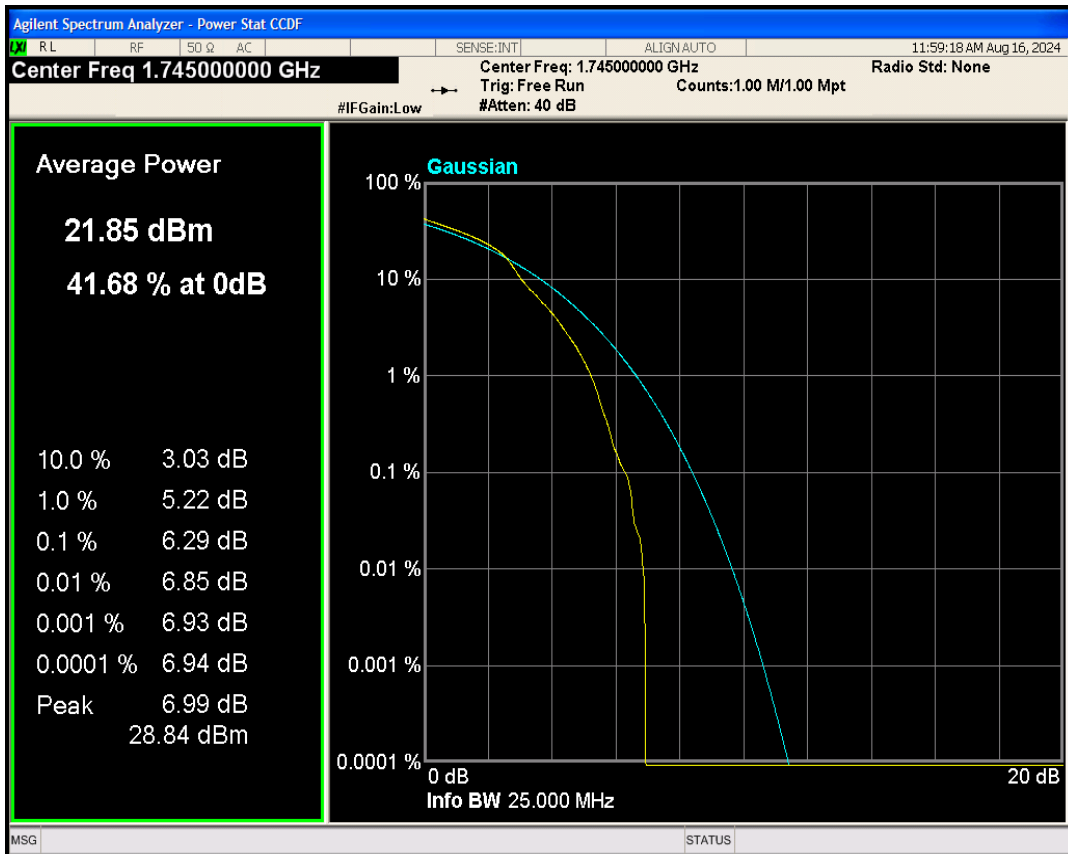
Band66 16QAM BW=3MHz Channel=131987 RB Size=1 Position=#0



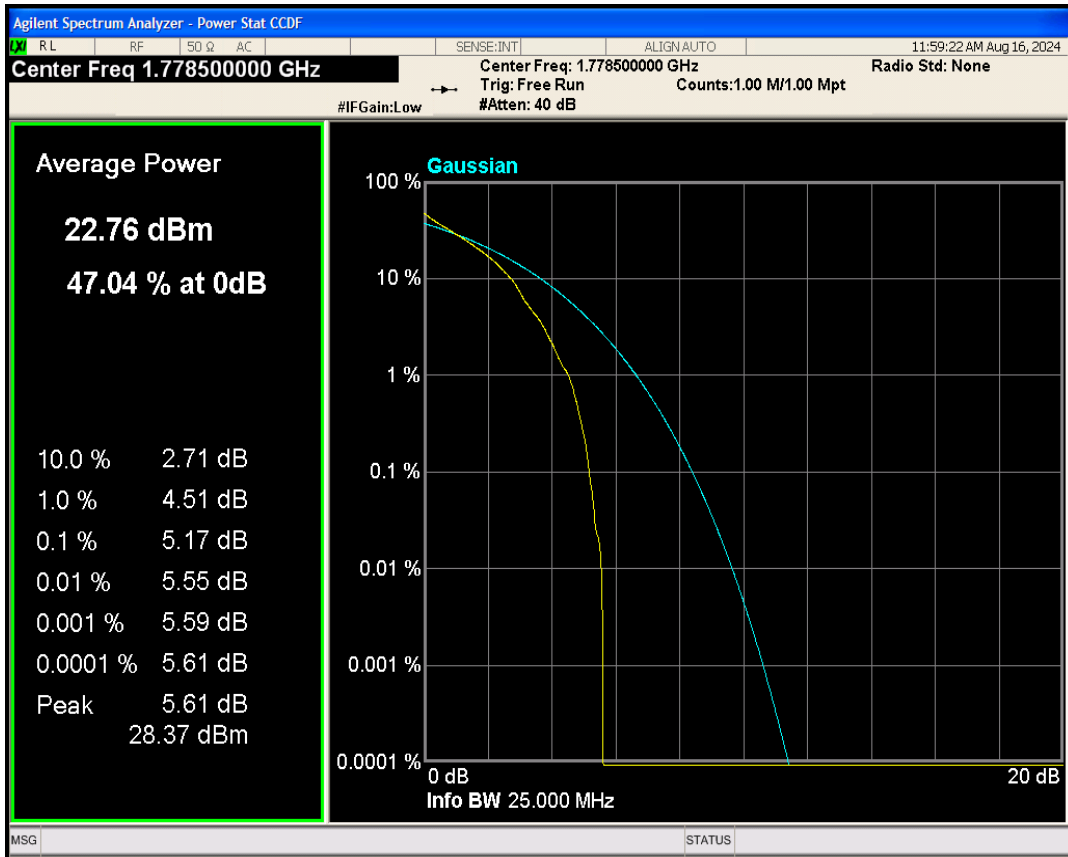
Band66 QPSK BW=3MHz Channel=132322 RB Size=1 Position=#0



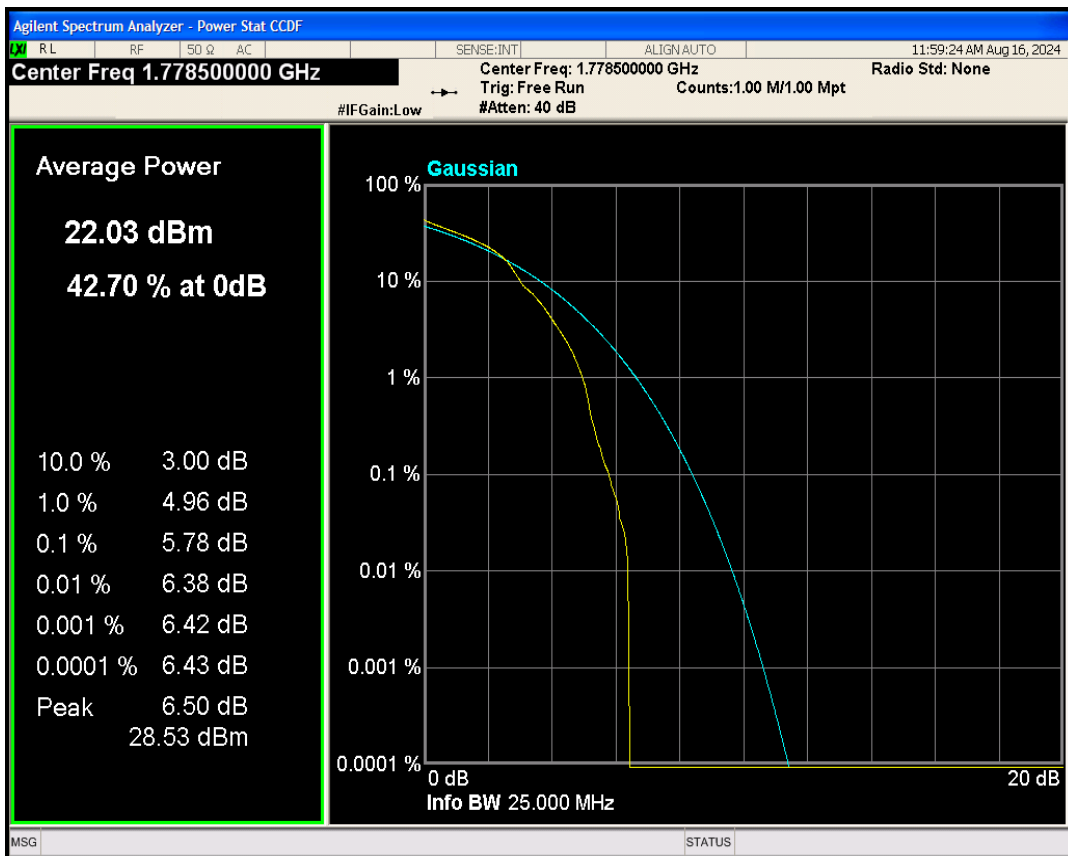
Band66 16QAM BW=3MHz Channel=132322 RB Size=1 Position=#0



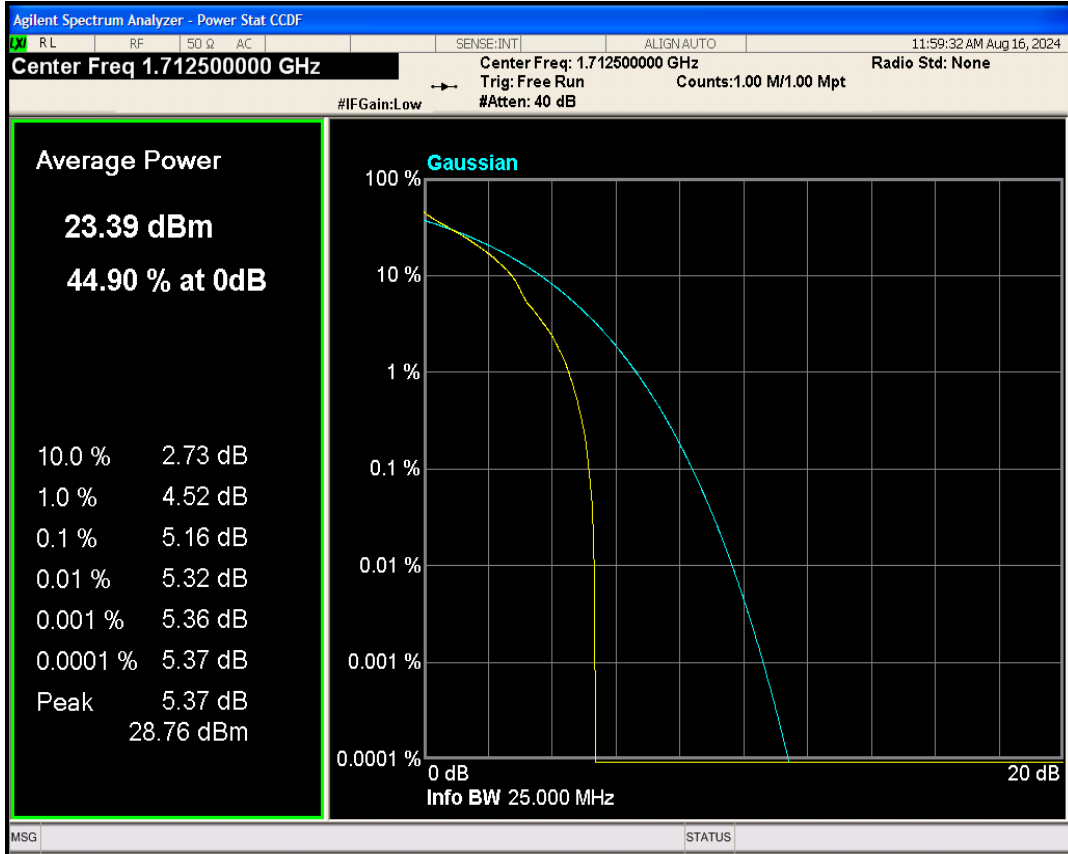
Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#0



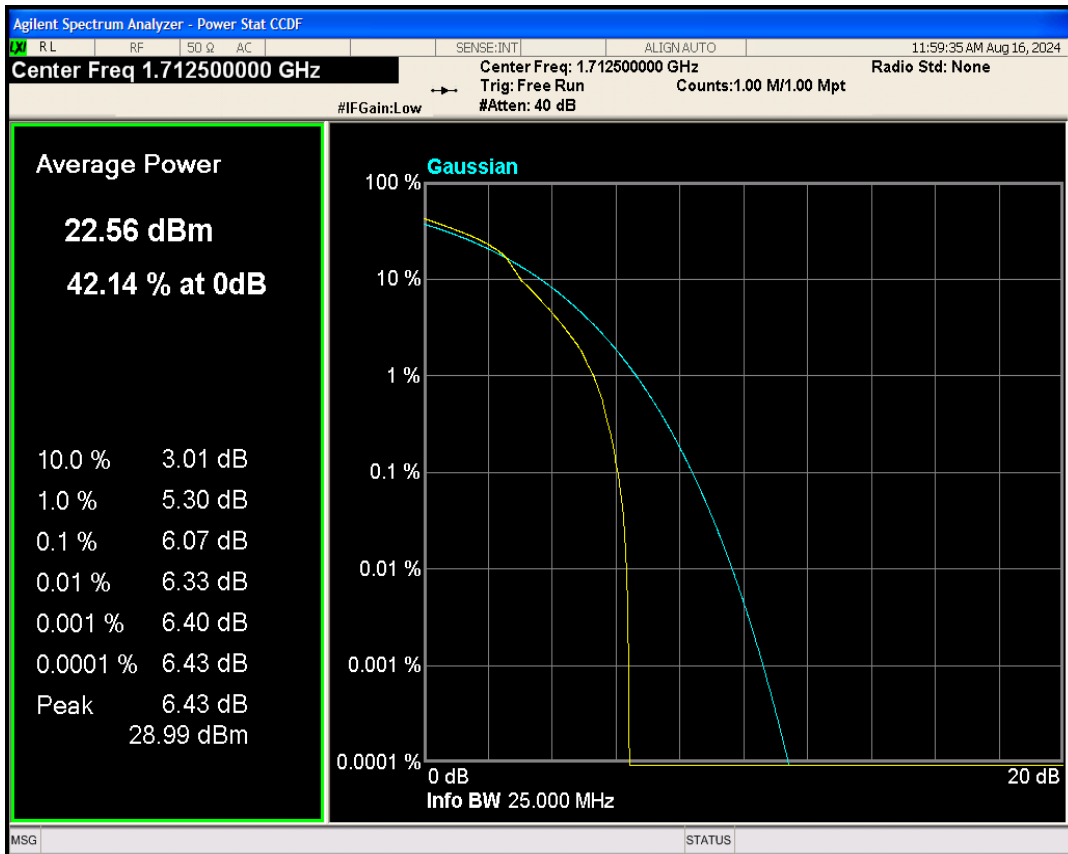
Band66 16QAM BW=3MHz Channel=132657 RB Size=1 Position=#0



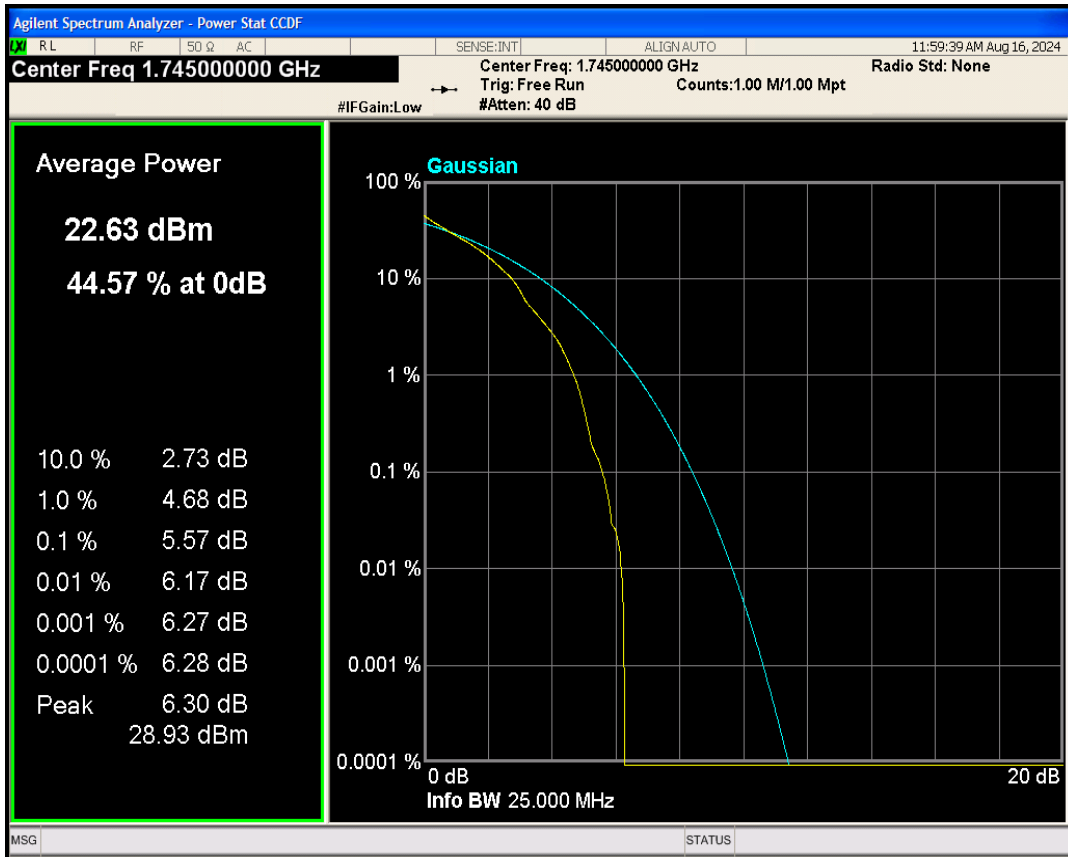
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0



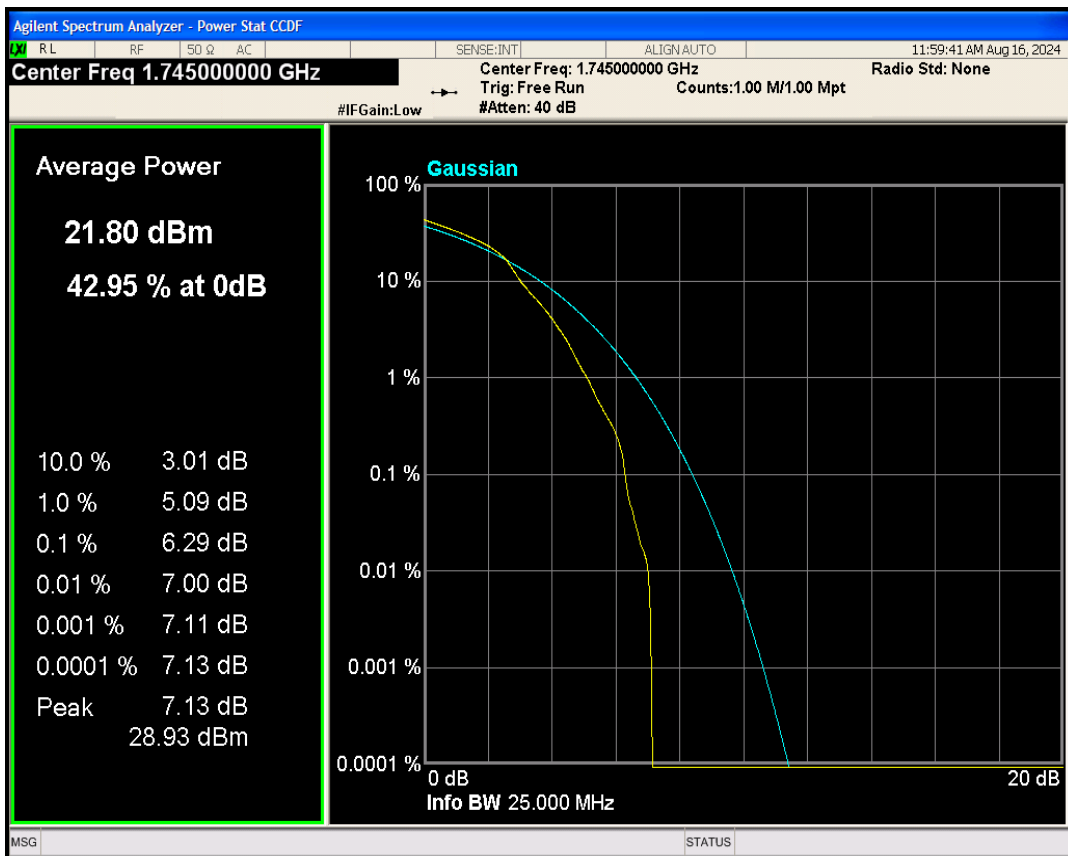
Band66 16QAM BW=5MHz Channel=131997 RB Size=1 Position=#0



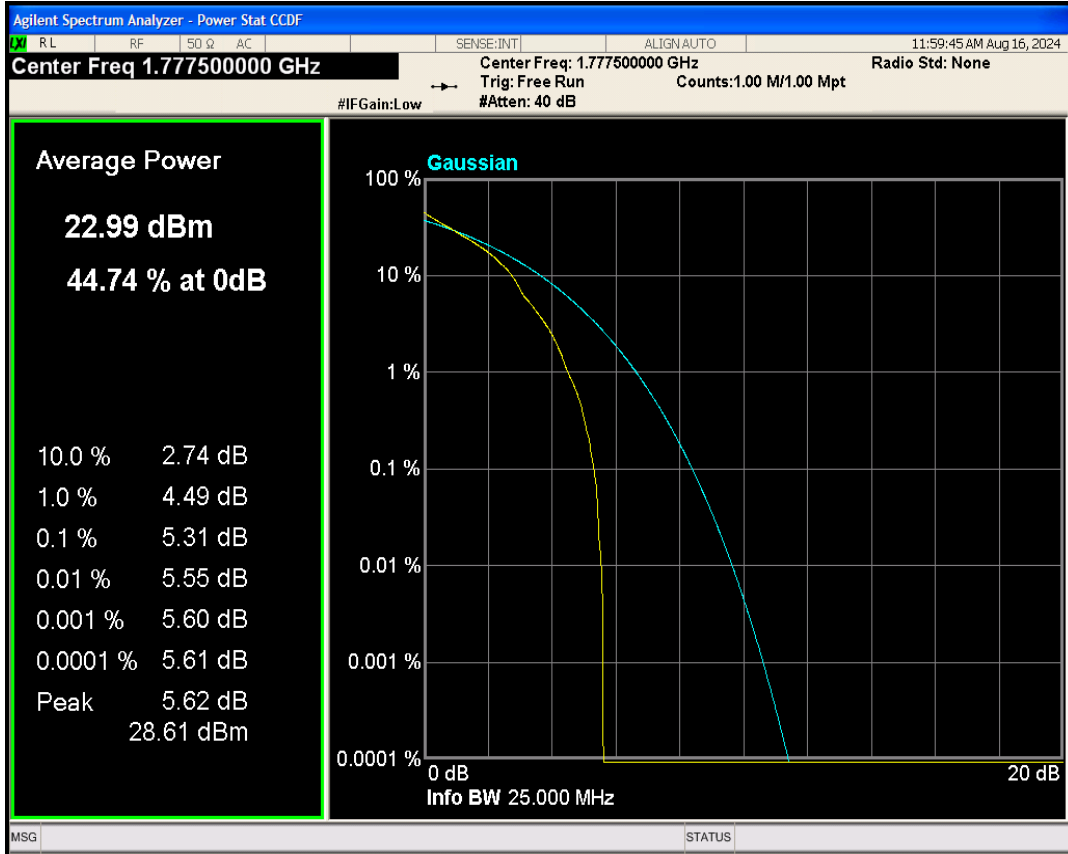
Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0



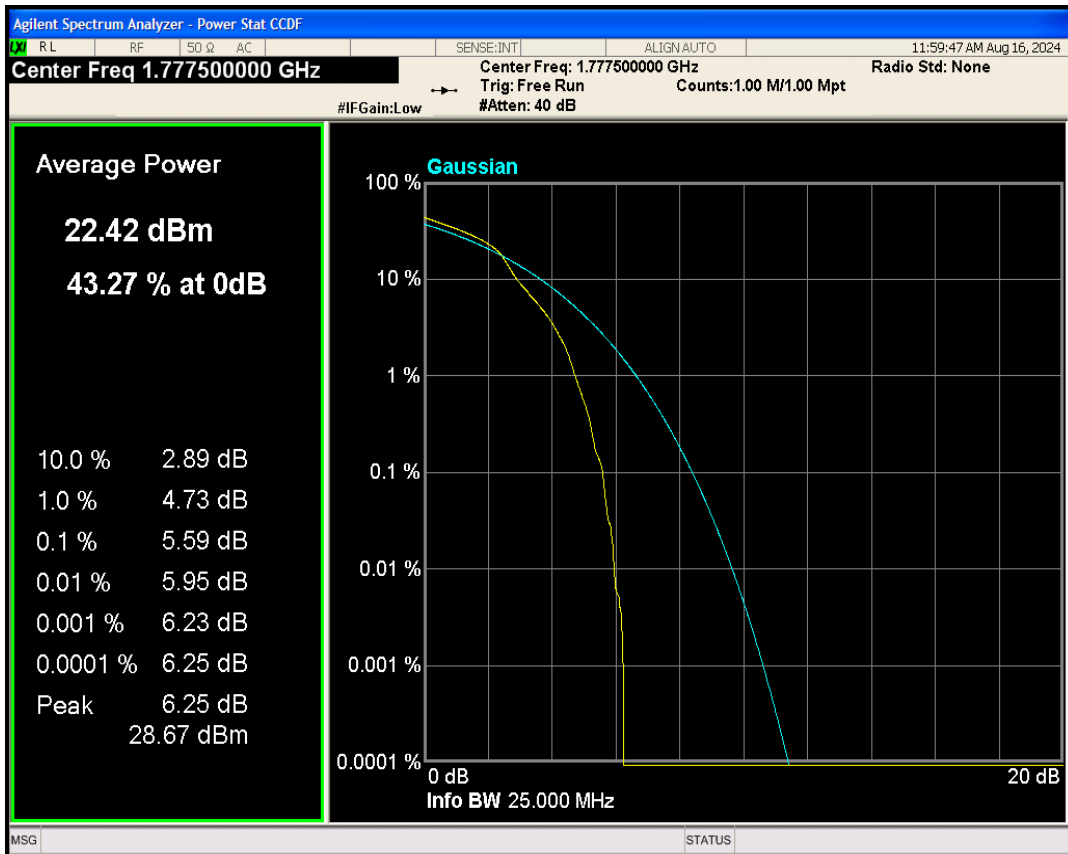
Band66 16QAM BW=5MHz Channel=132322 RB Size=1 Position=#0



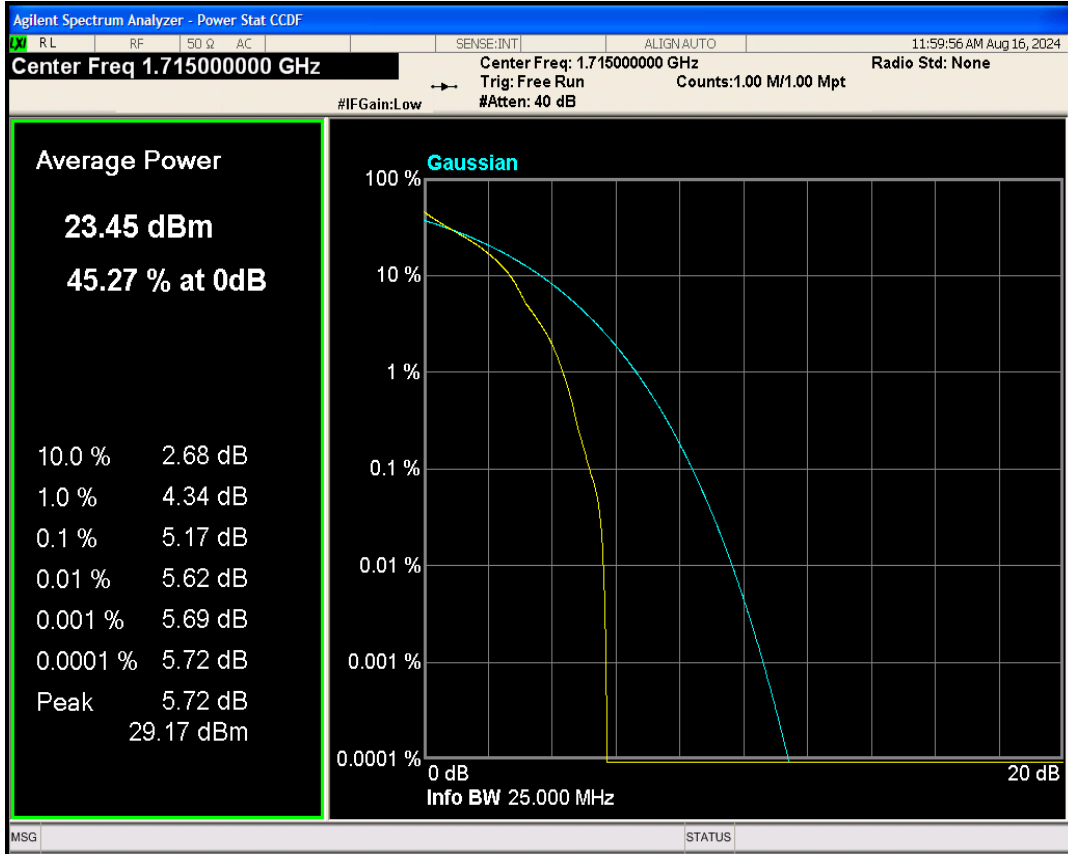
Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#0



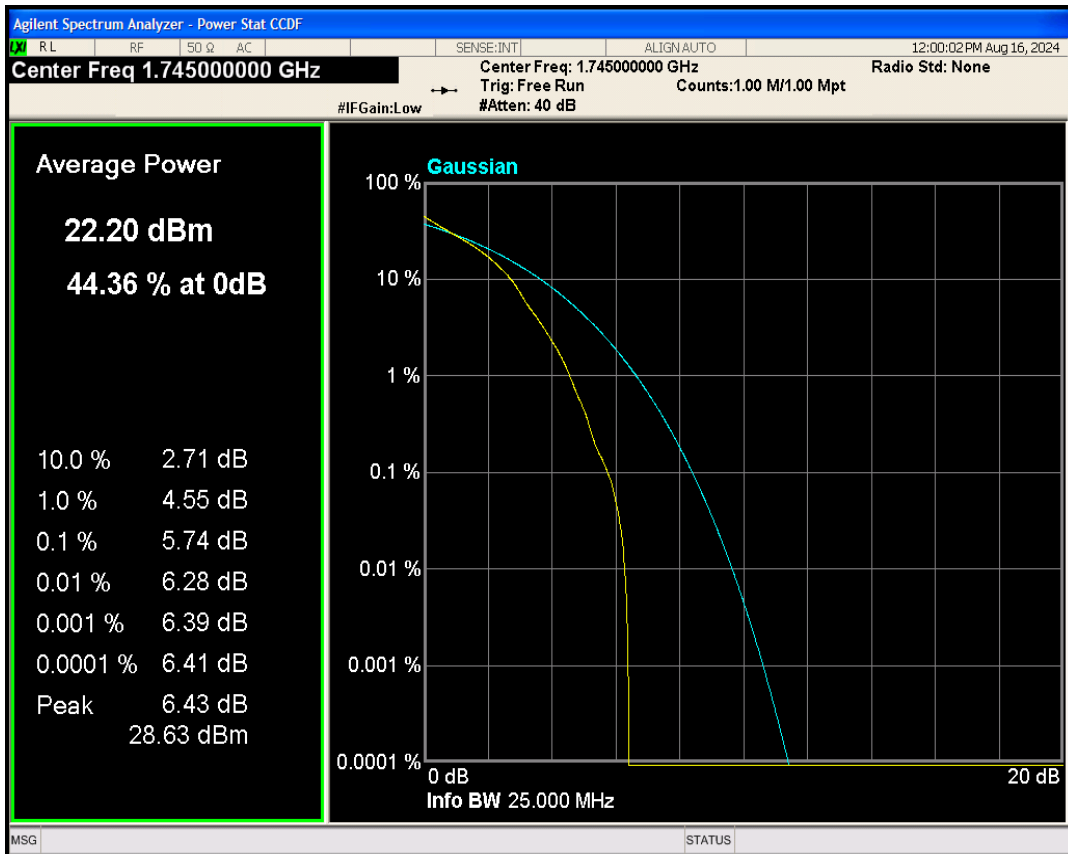
Band66 16QAM BW=5MHz Channel=132647 RB Size=1 Position=#0



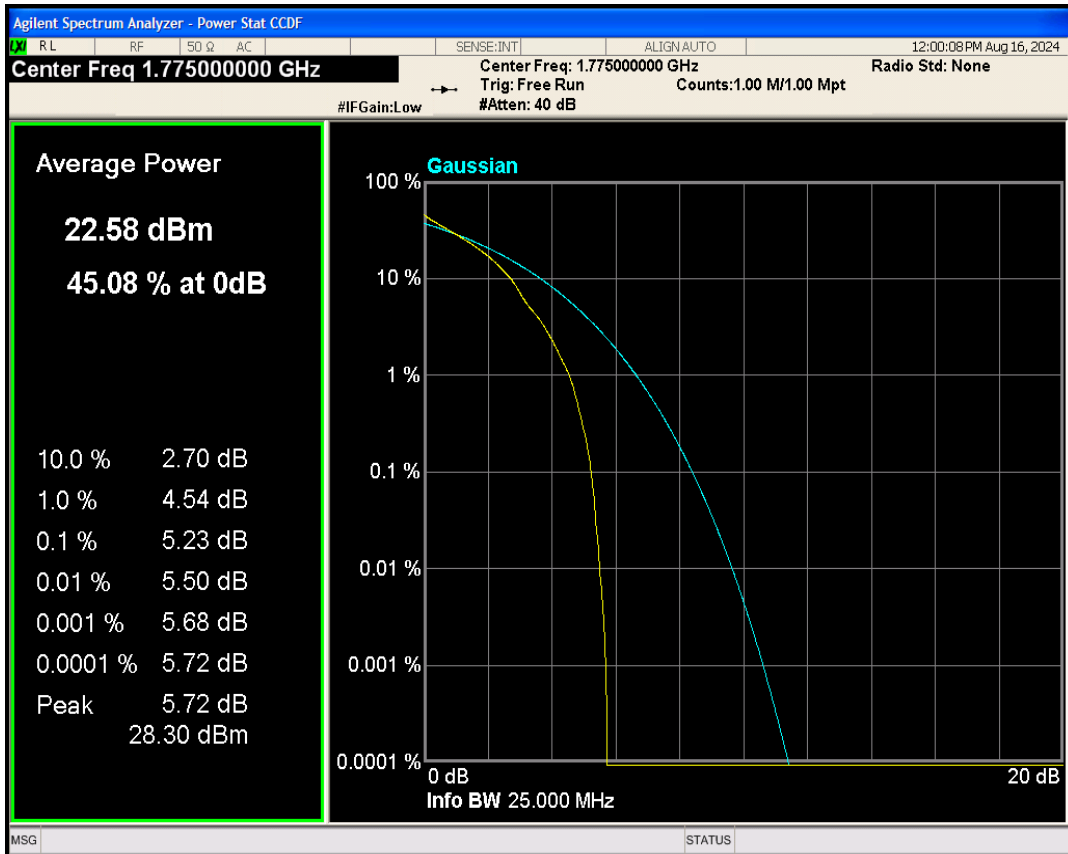
Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0



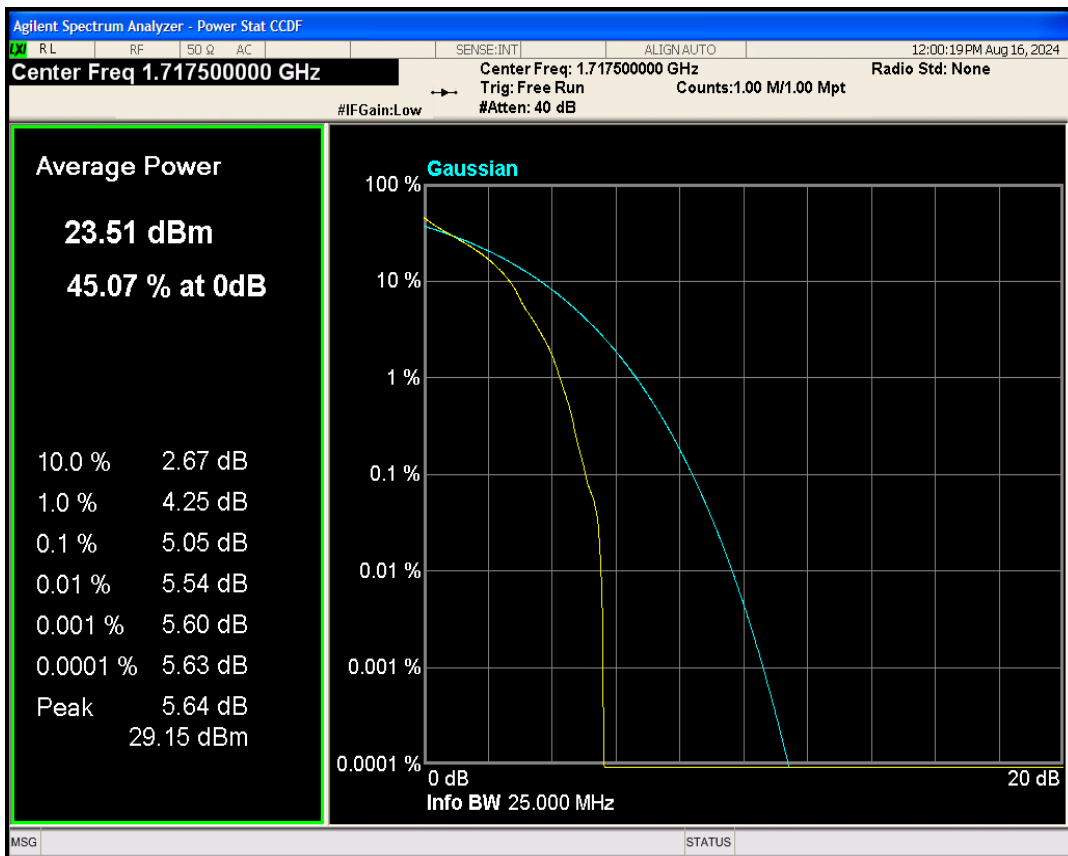
Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0



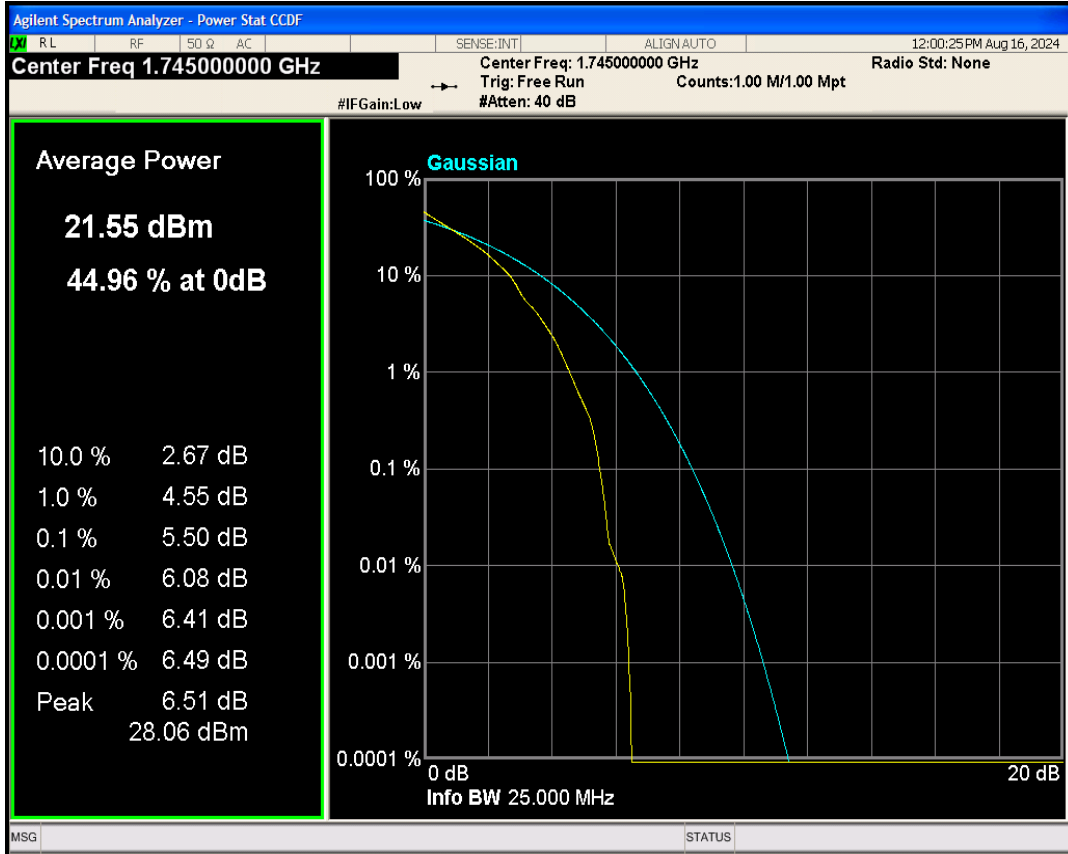
Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#0



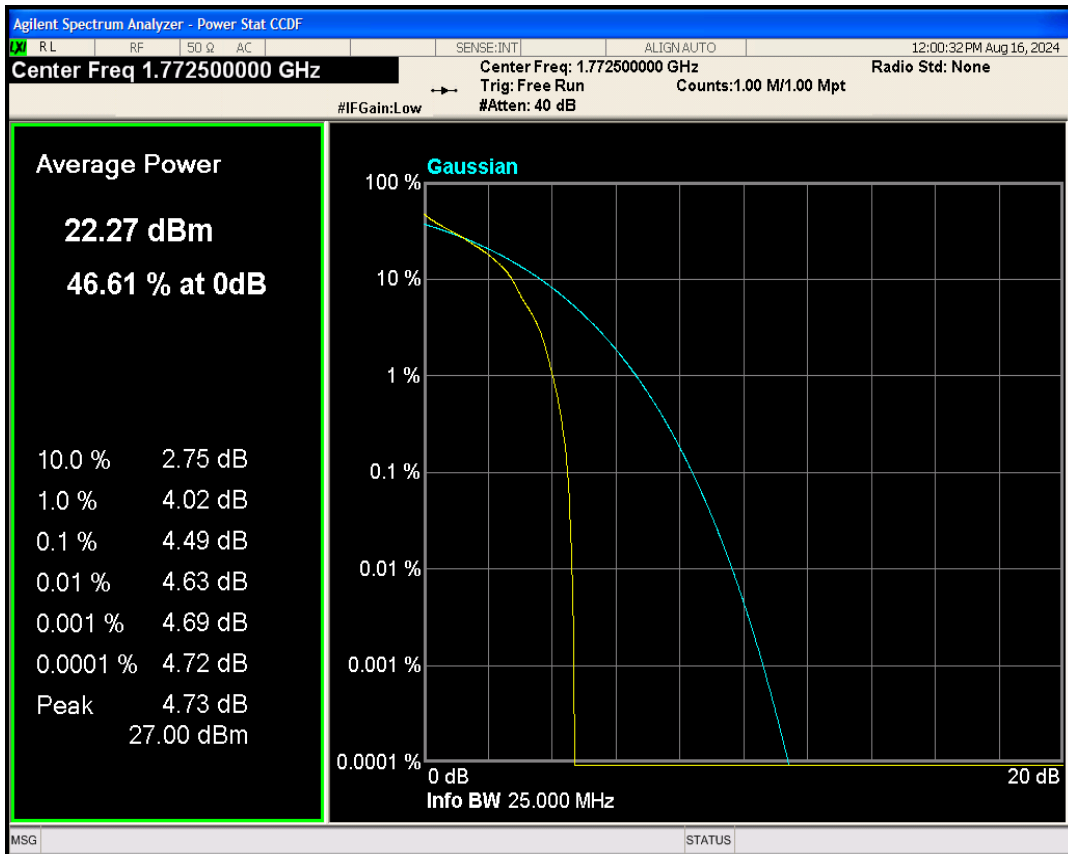
Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0



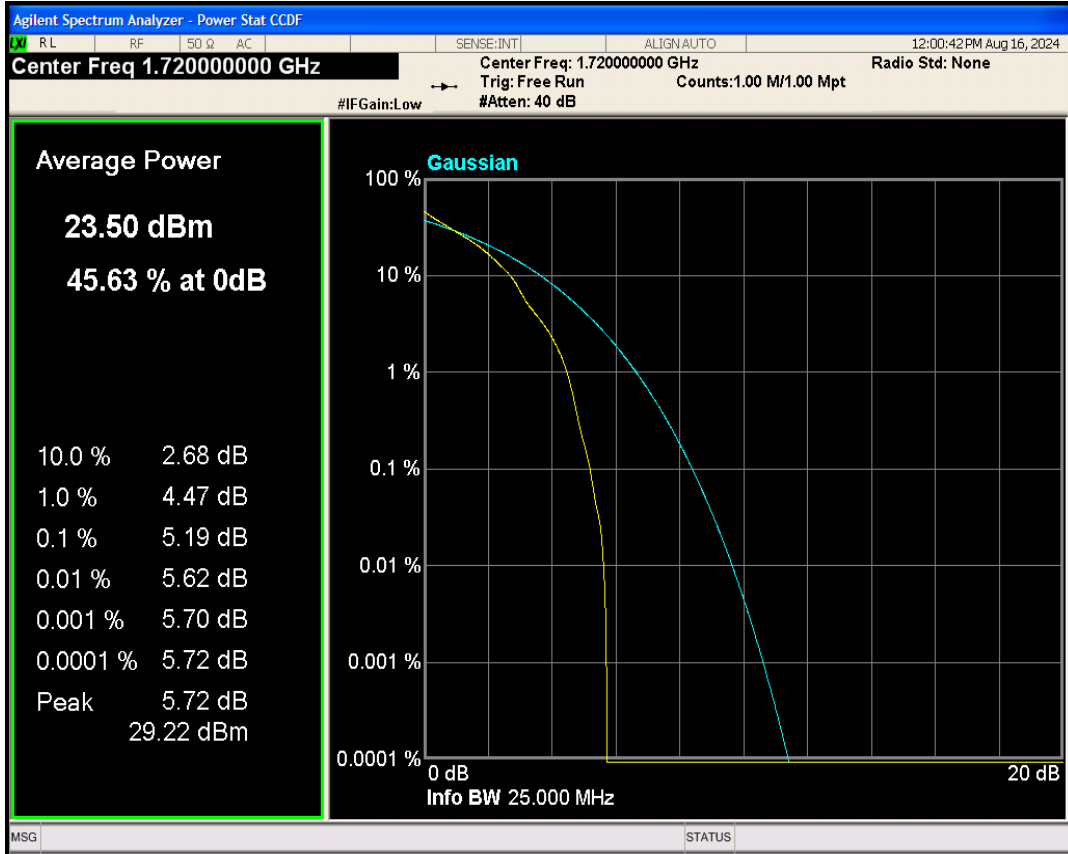
Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0



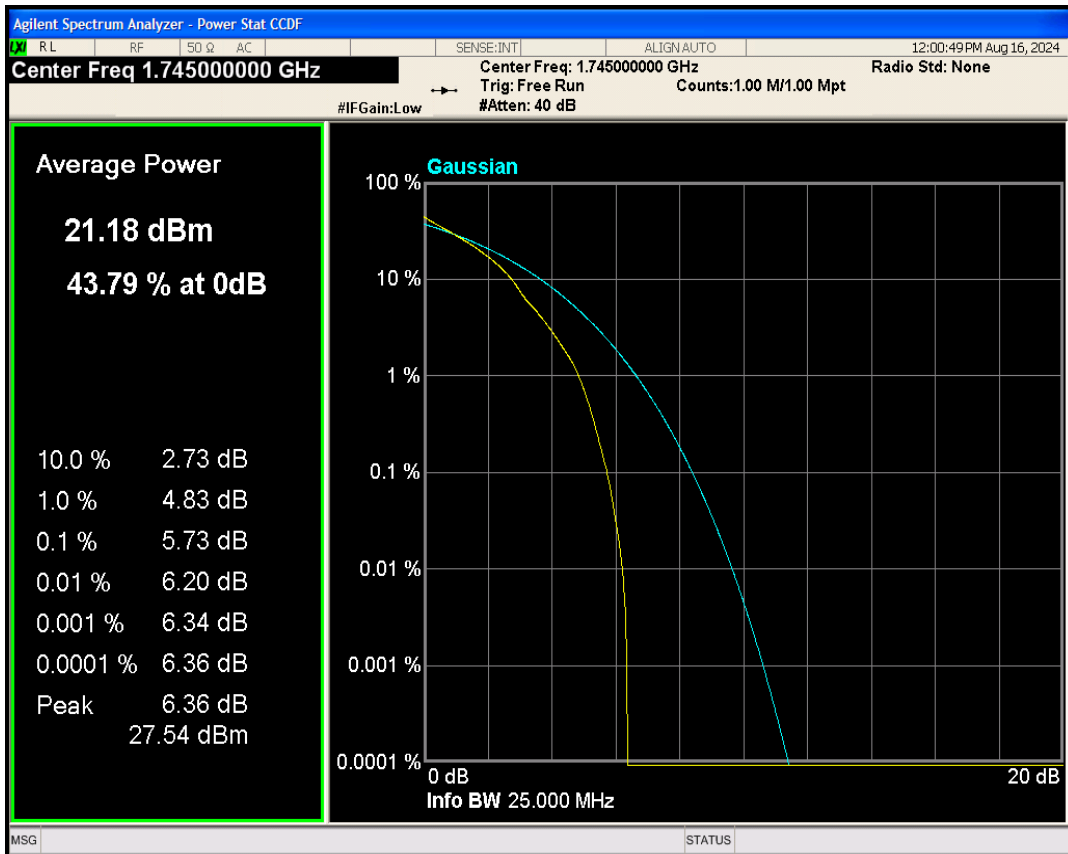
Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0



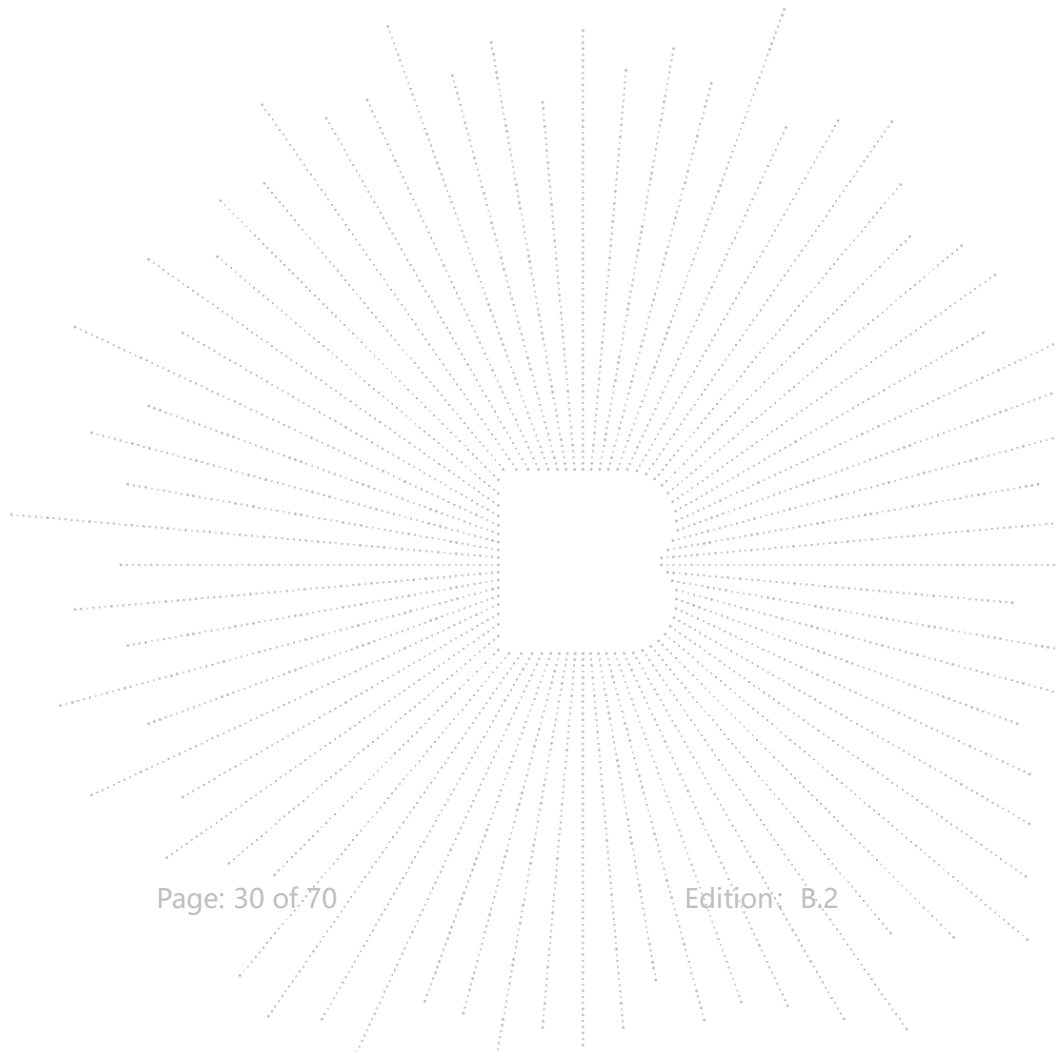
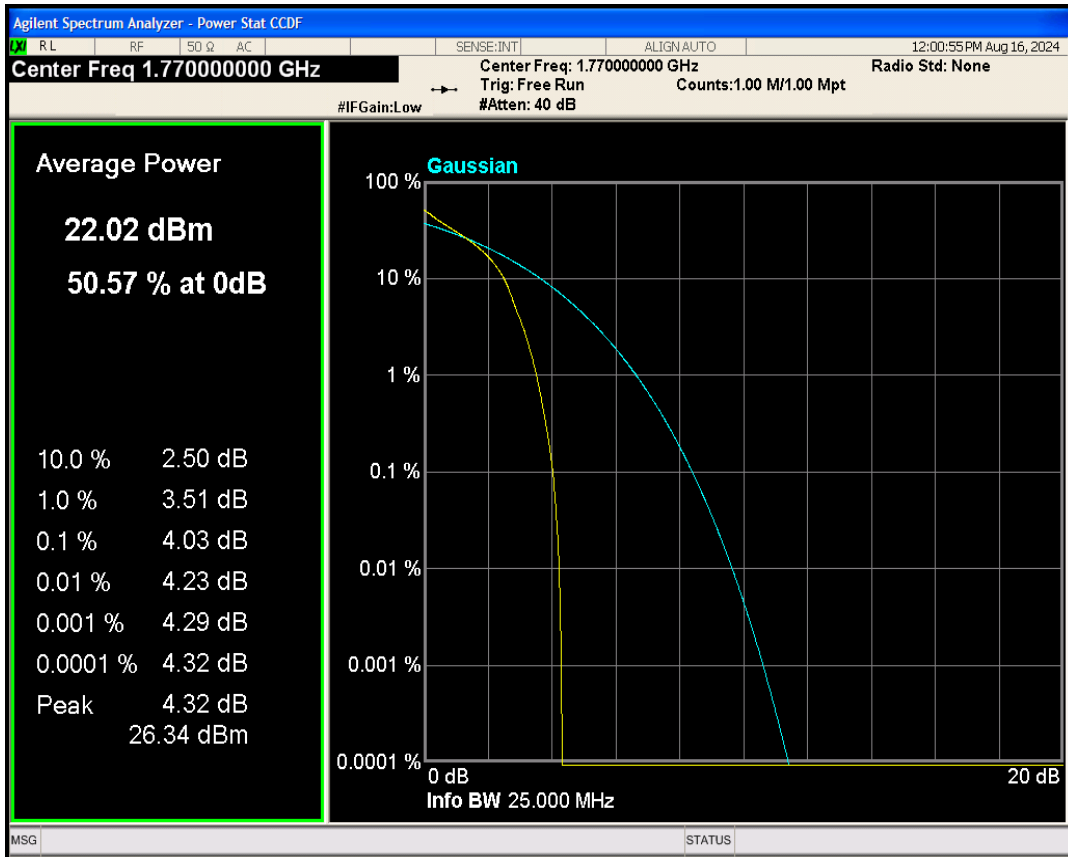
Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0



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



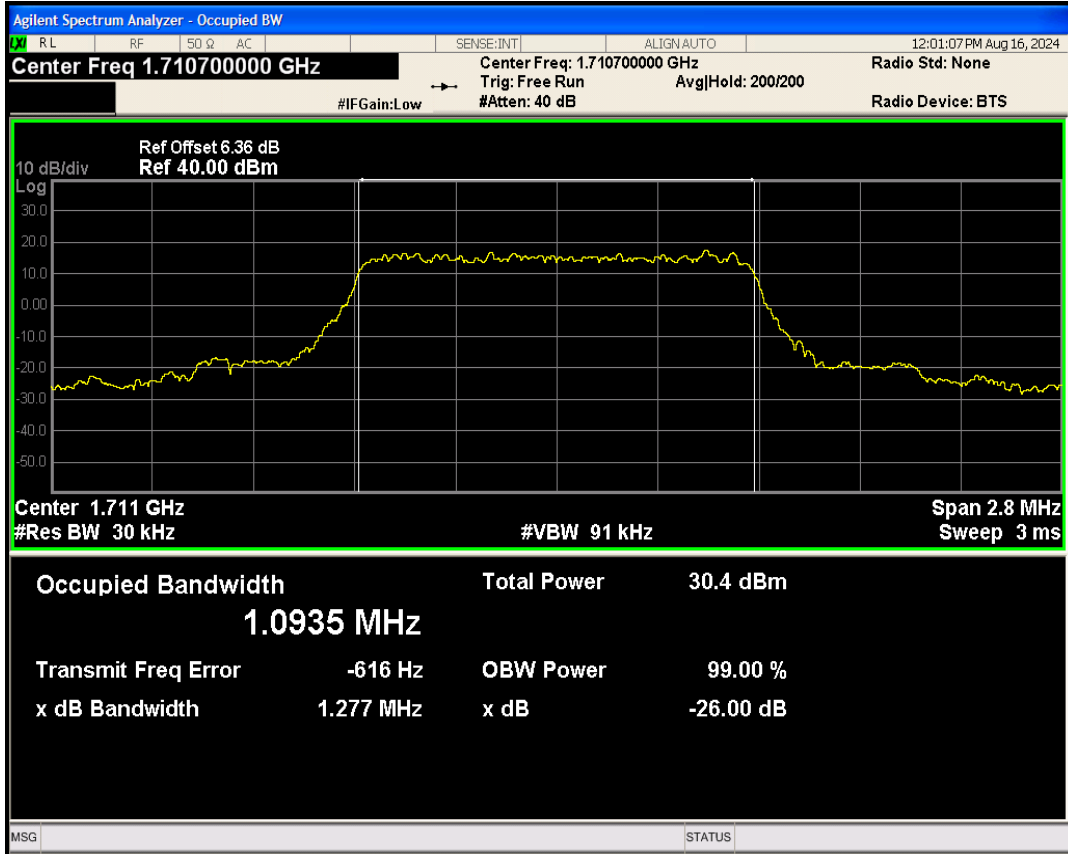
Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0



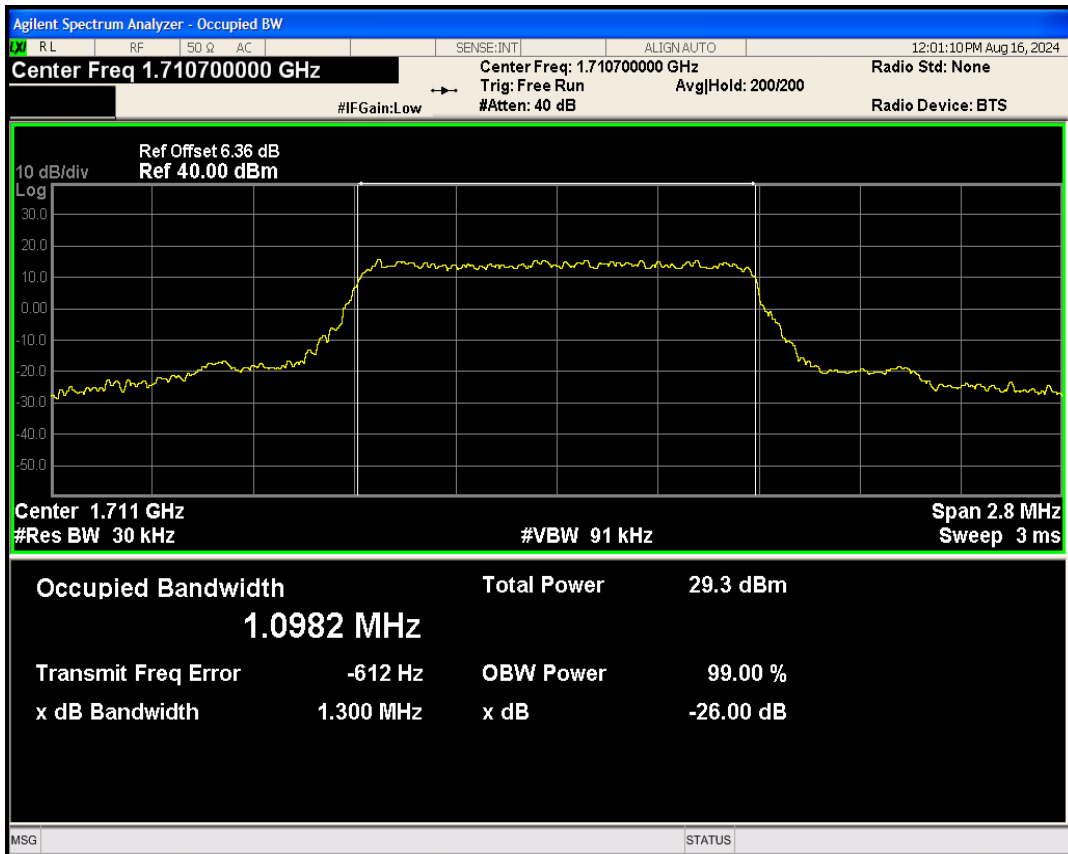
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band66	1.4	131979	6	#0	QPSK	1.094	1.277	PASS
Band66	1.4	131979	6	#0	16QAM	1.098	1.300	PASS
Band66	1.4	132322	6	#0	QPSK	1.093	1.308	PASS
Band66	1.4	132322	6	#0	16QAM	1.097	1.288	PASS
Band66	1.4	132665	6	#0	QPSK	1.095	1.313	PASS
Band66	1.4	132665	6	#0	16QAM	1.096	1.306	PASS
Band66	3	131987	15	#0	QPSK	2.696	2.975	PASS
Band66	3	131987	15	#0	16QAM	2.709	3.001	PASS
Band66	3	132322	15	#0	QPSK	2.705	2.947	PASS
Band66	3	132322	15	#0	16QAM	2.697	2.962	PASS
Band66	3	132657	15	#0	QPSK	2.709	3.003	PASS
Band66	3	132657	15	#0	16QAM	2.690	2.957	PASS
Band66	5	131997	25	#0	QPSK	4.523	5.069	PASS
Band66	5	131997	25	#0	16QAM	4.522	5.405	PASS
Band66	5	132322	25	#0	QPSK	4.523	4.961	PASS
Band66	5	132322	25	#0	16QAM	4.523	5.038	PASS
Band66	5	132647	25	#0	QPSK	4.525	5.157	PASS
Band66	5	132647	25	#0	16QAM	4.531	5.353	PASS
Band66	10	132022	50	#0	QPSK	8.997	10.160	PASS
Band66	10	132322	50	#0	QPSK	8.982	10.175	PASS
Band66	10	132622	50	#0	QPSK	8.959	10.159	PASS
Band66	15	132047	75	#0	QPSK	13.561	15.341	PASS
Band66	15	132322	75	#0	QPSK	13.470	15.025	PASS
Band66	15	132597	75	#0	QPSK	13.469	14.924	PASS
Band66	20	132072	100	#0	QPSK	17.948	19.706	PASS
Band66	20	132322	100	#0	QPSK	17.892	19.485	PASS
Band66	20	132572	100	#0	QPSK	17.898	19.468	PASS

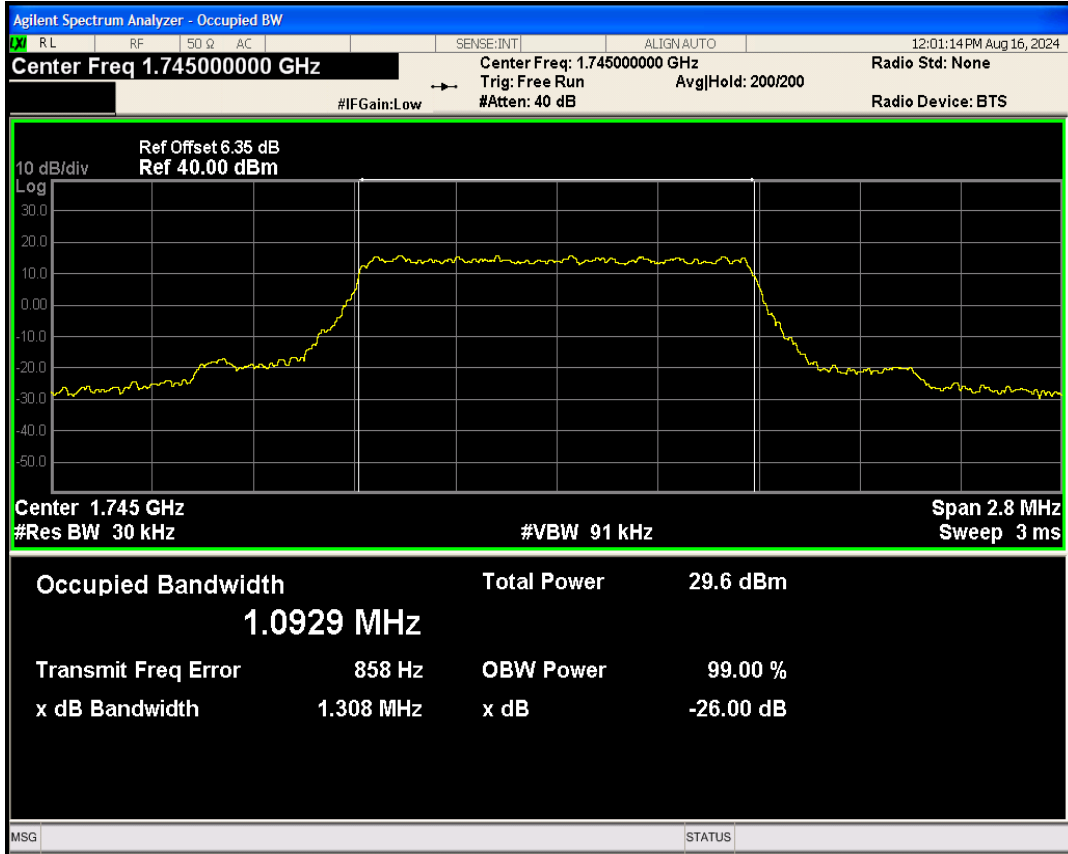
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



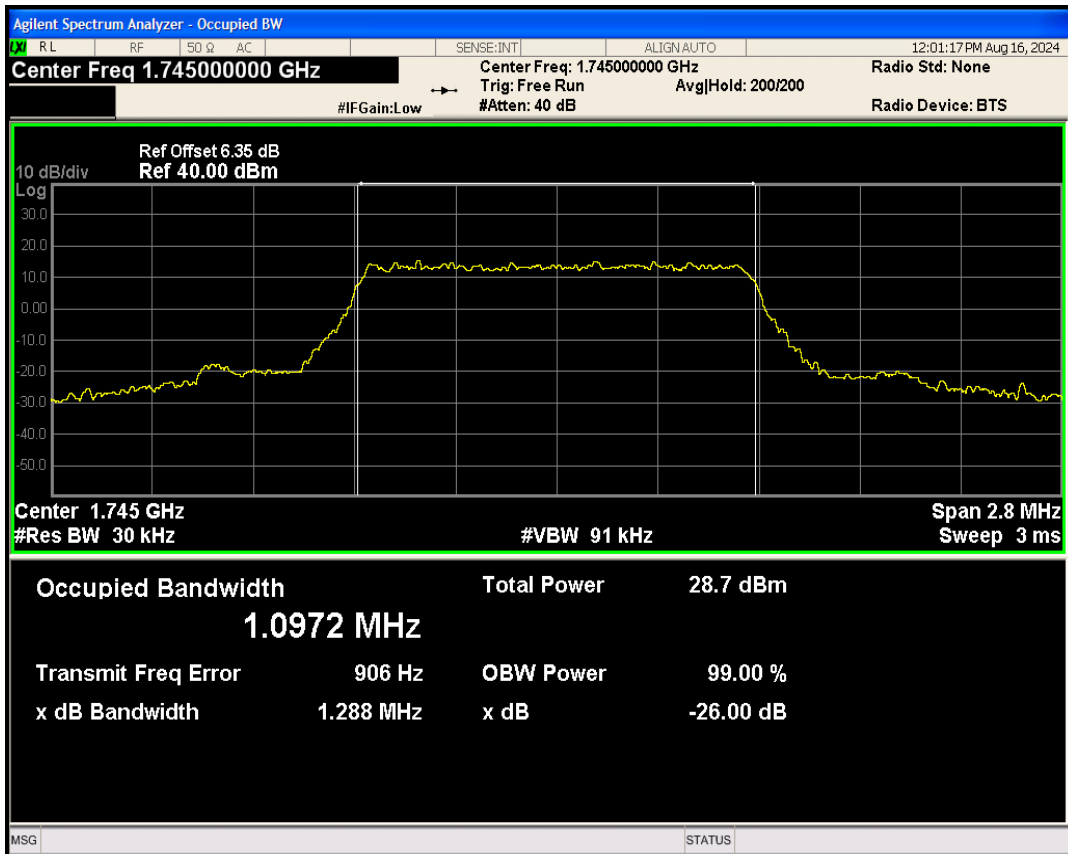
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0



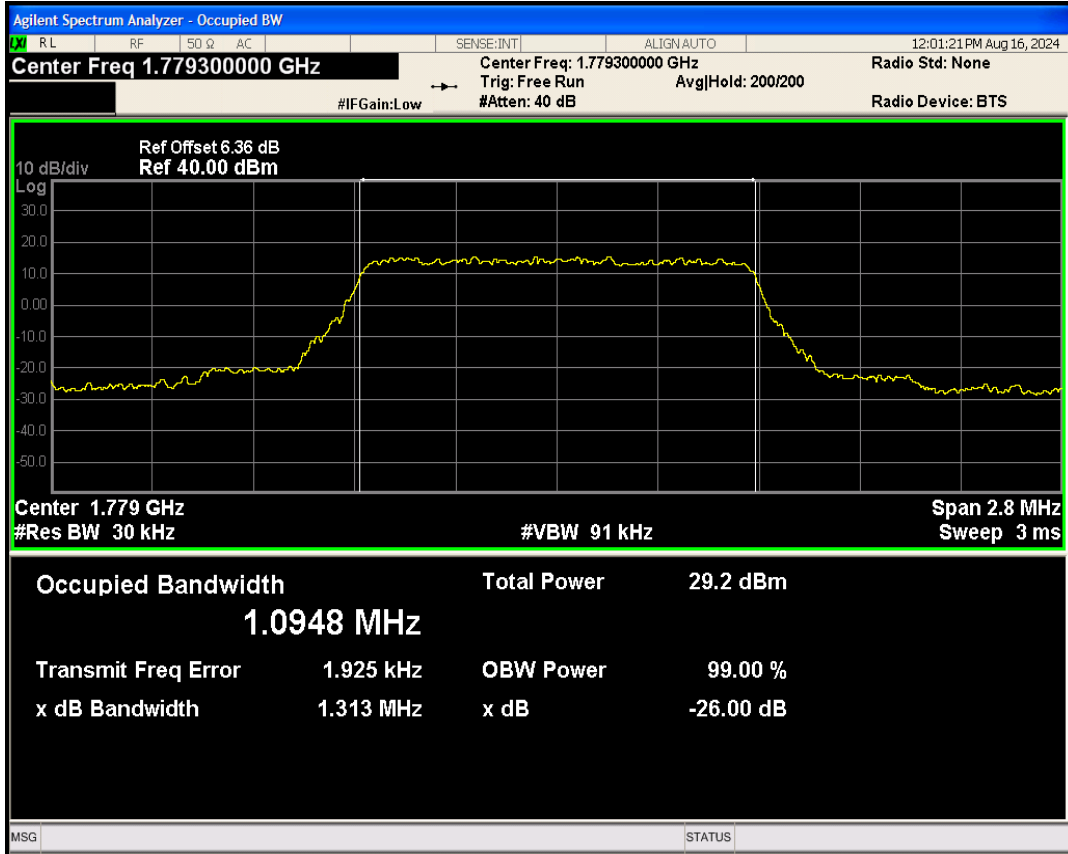
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



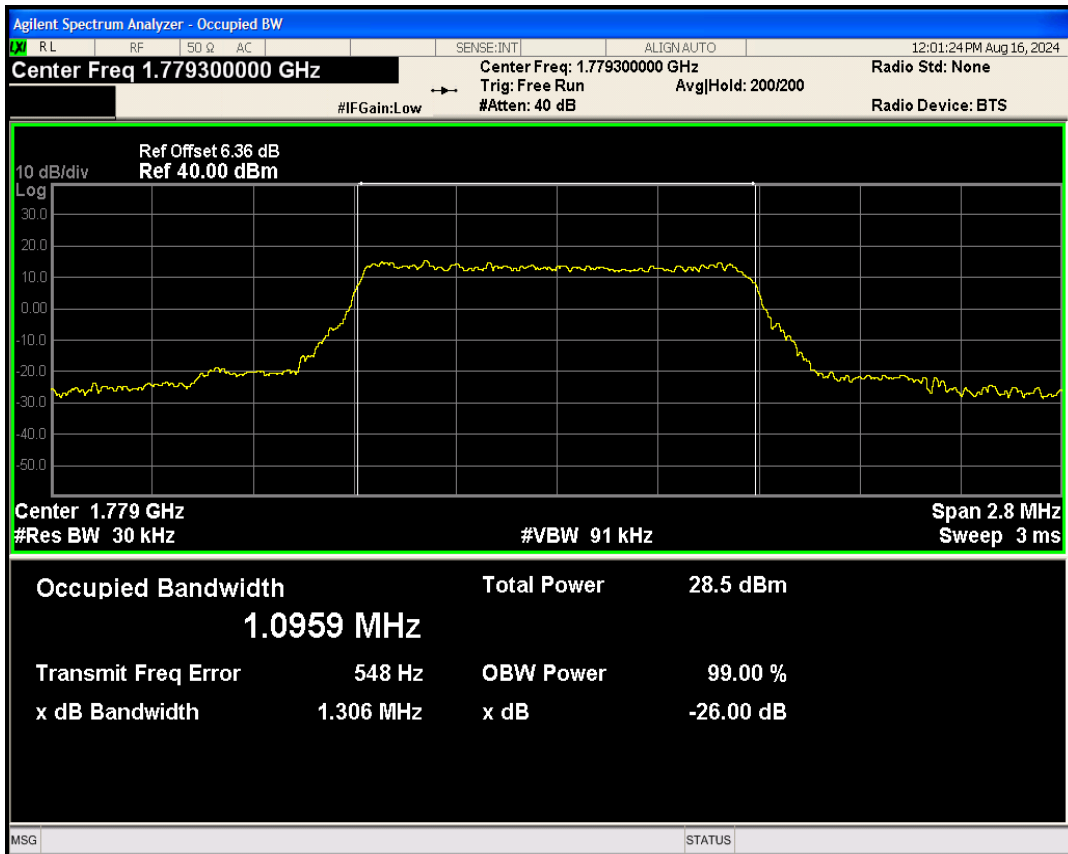
Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0



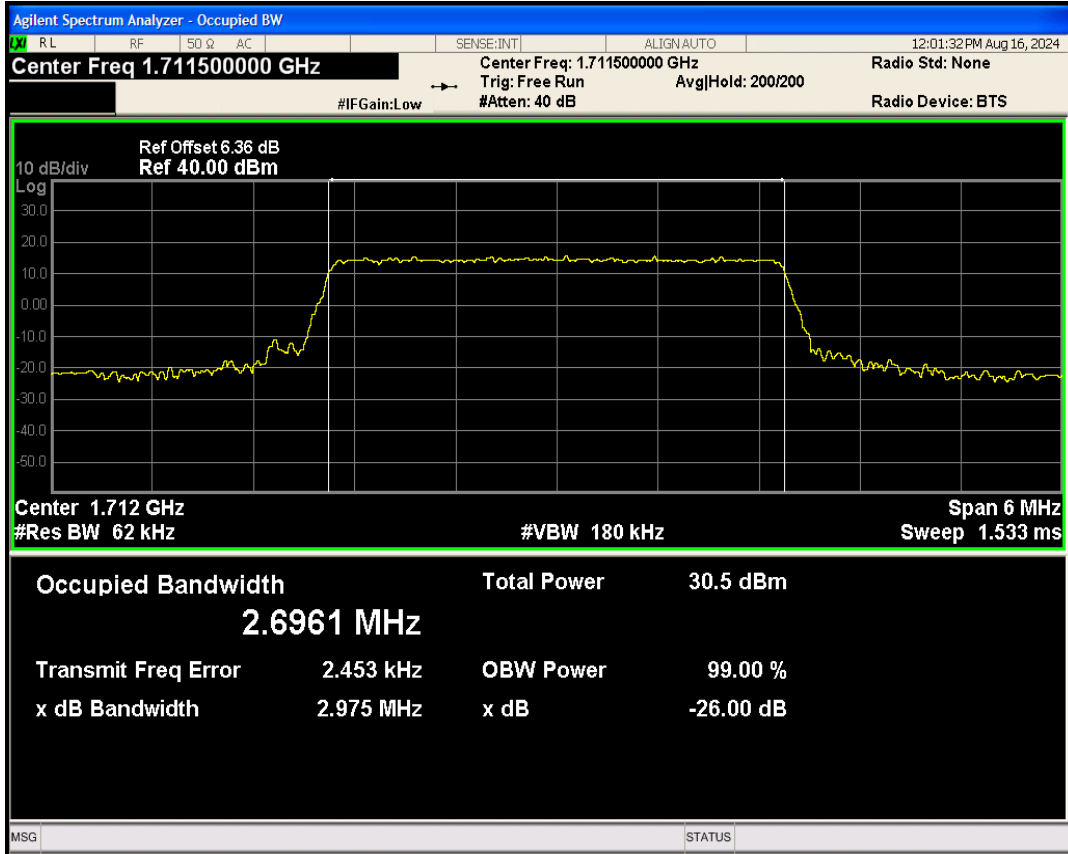
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



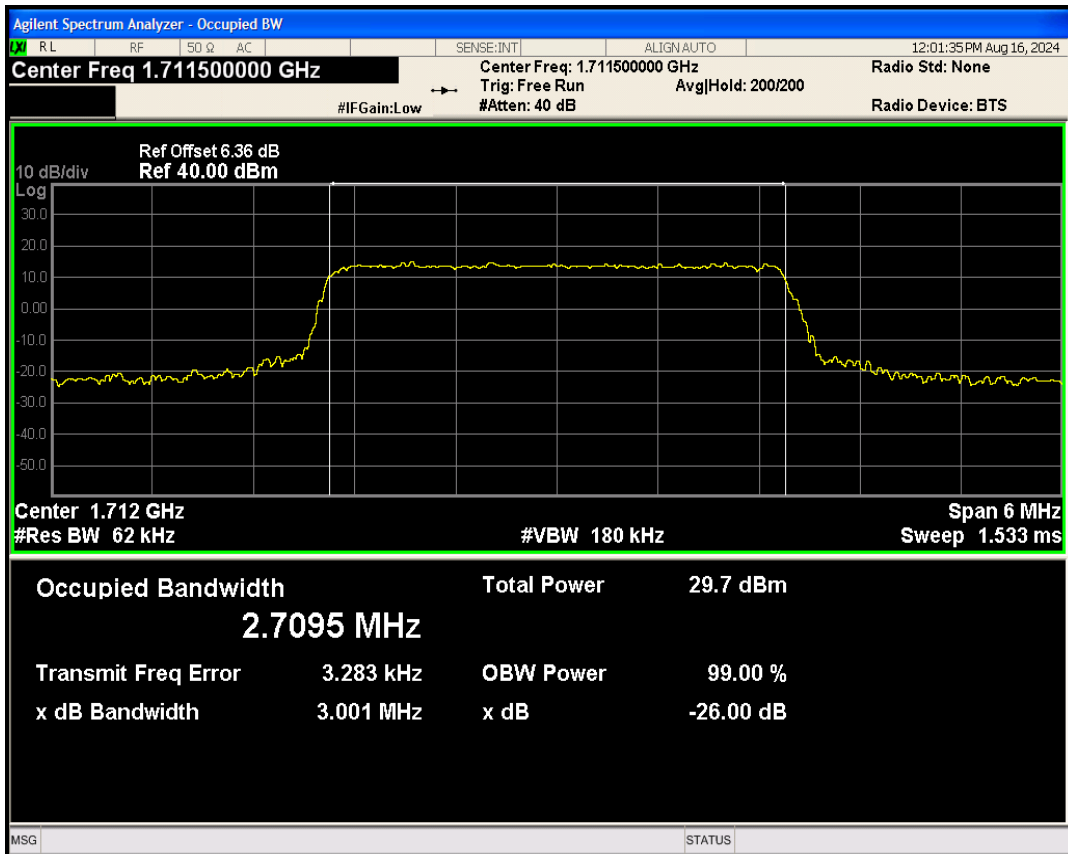
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0



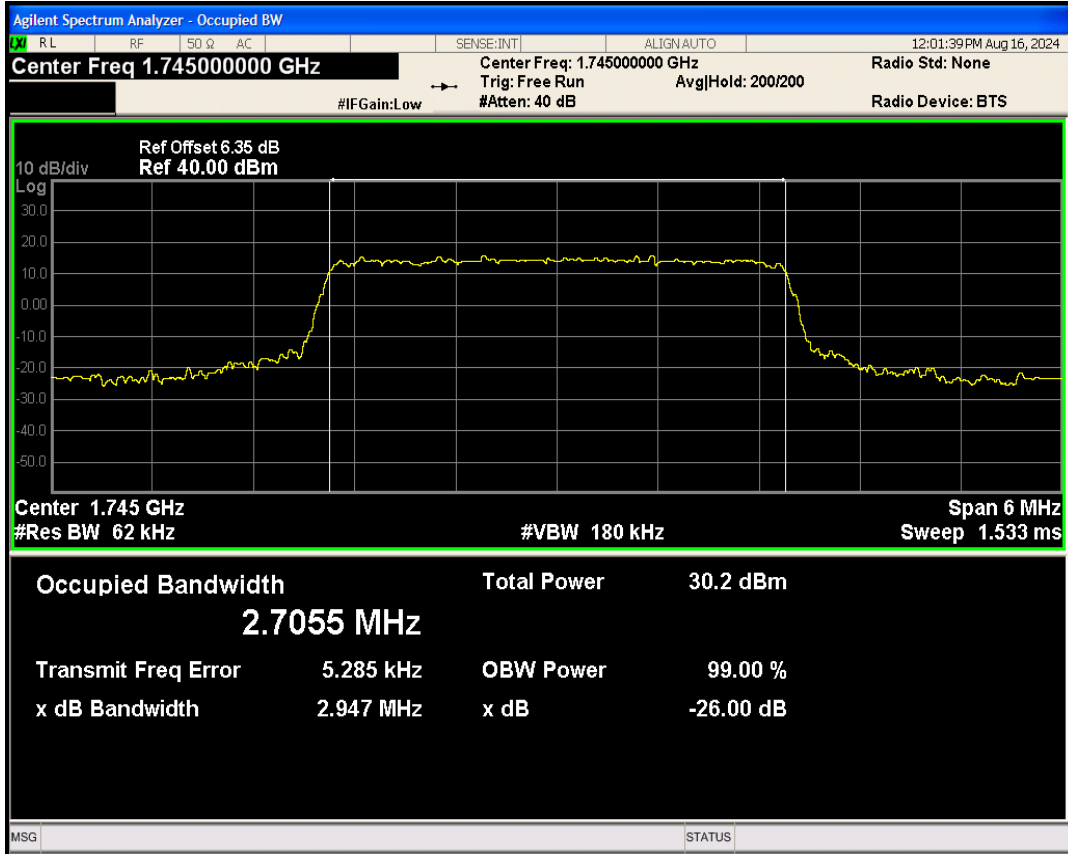
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



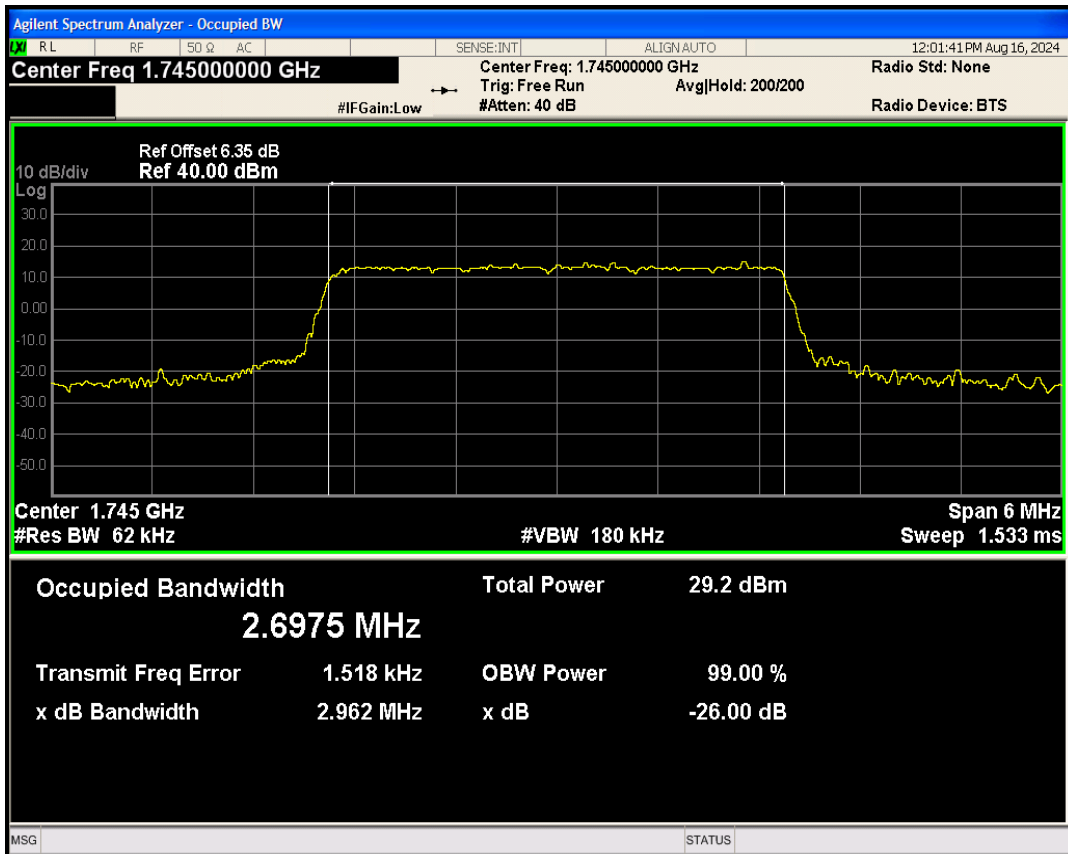
Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0



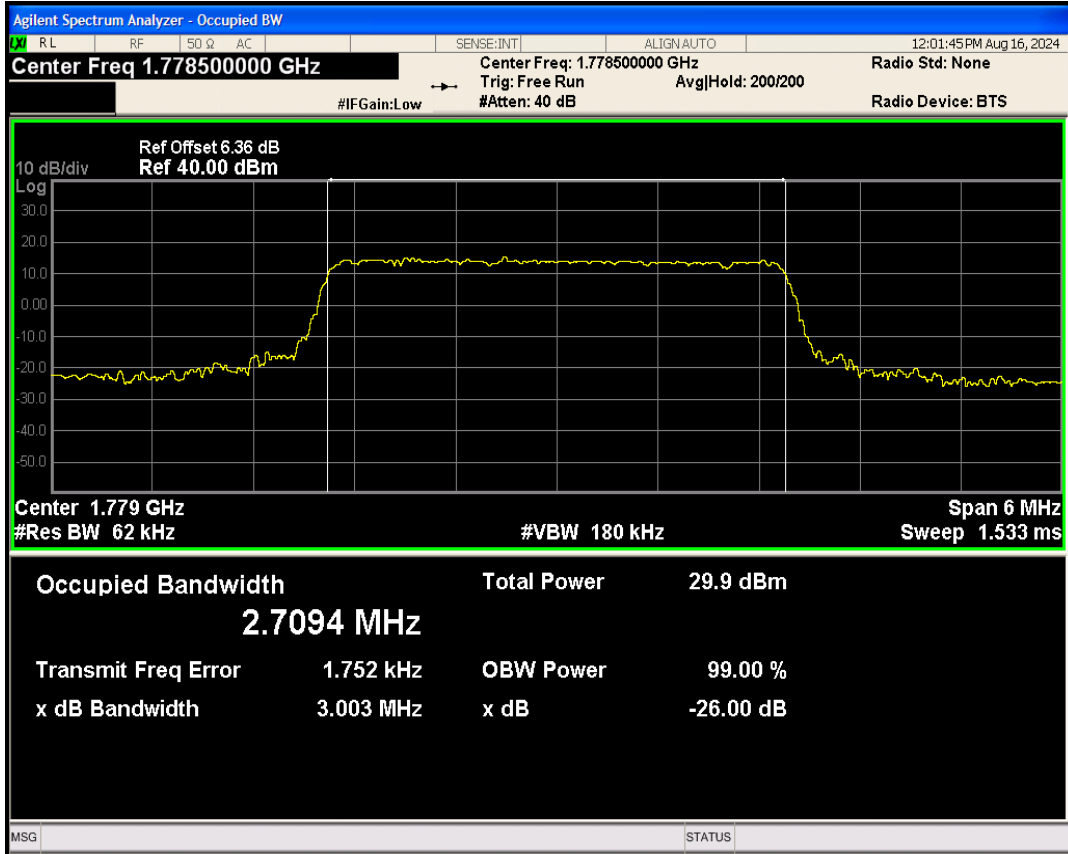
Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



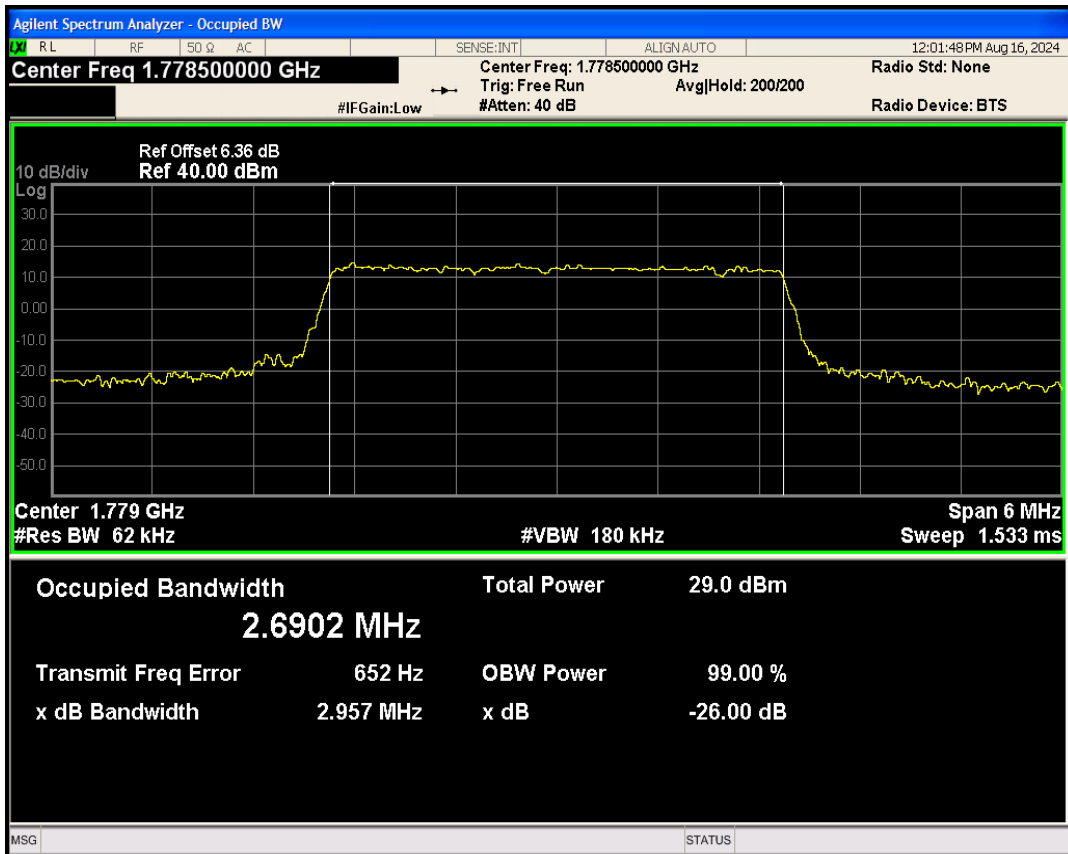
Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0



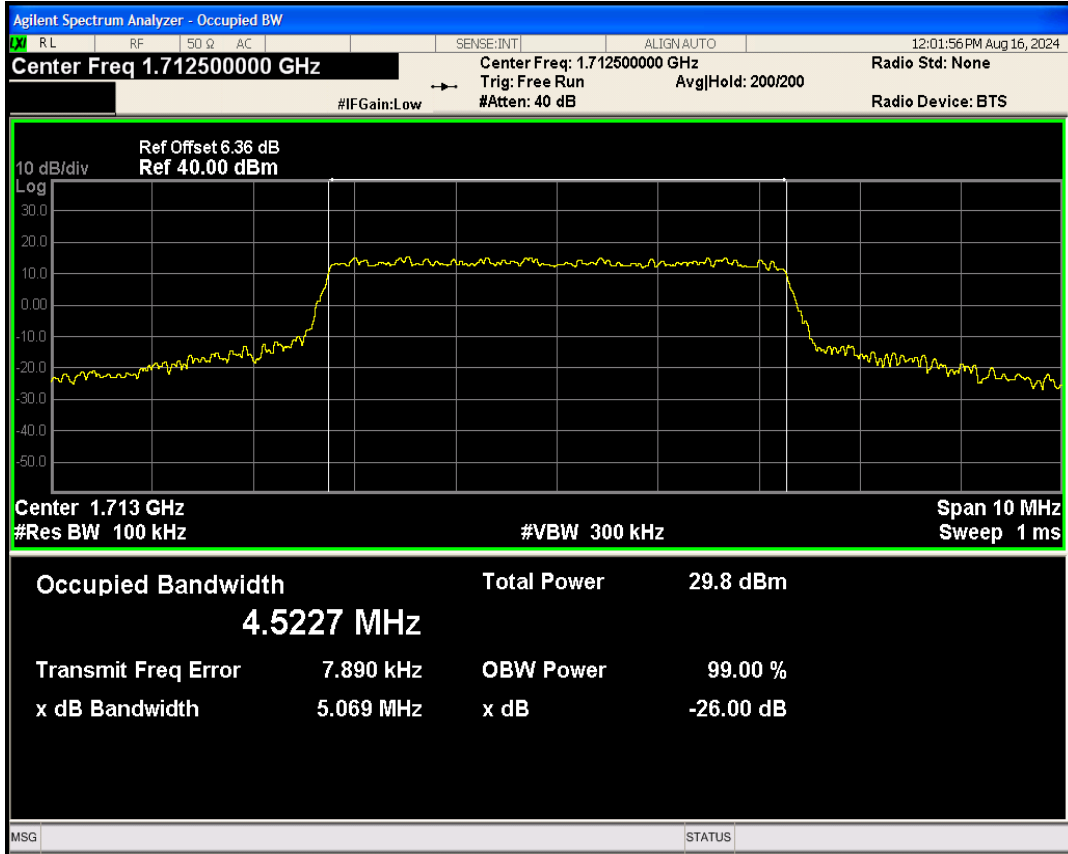
Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



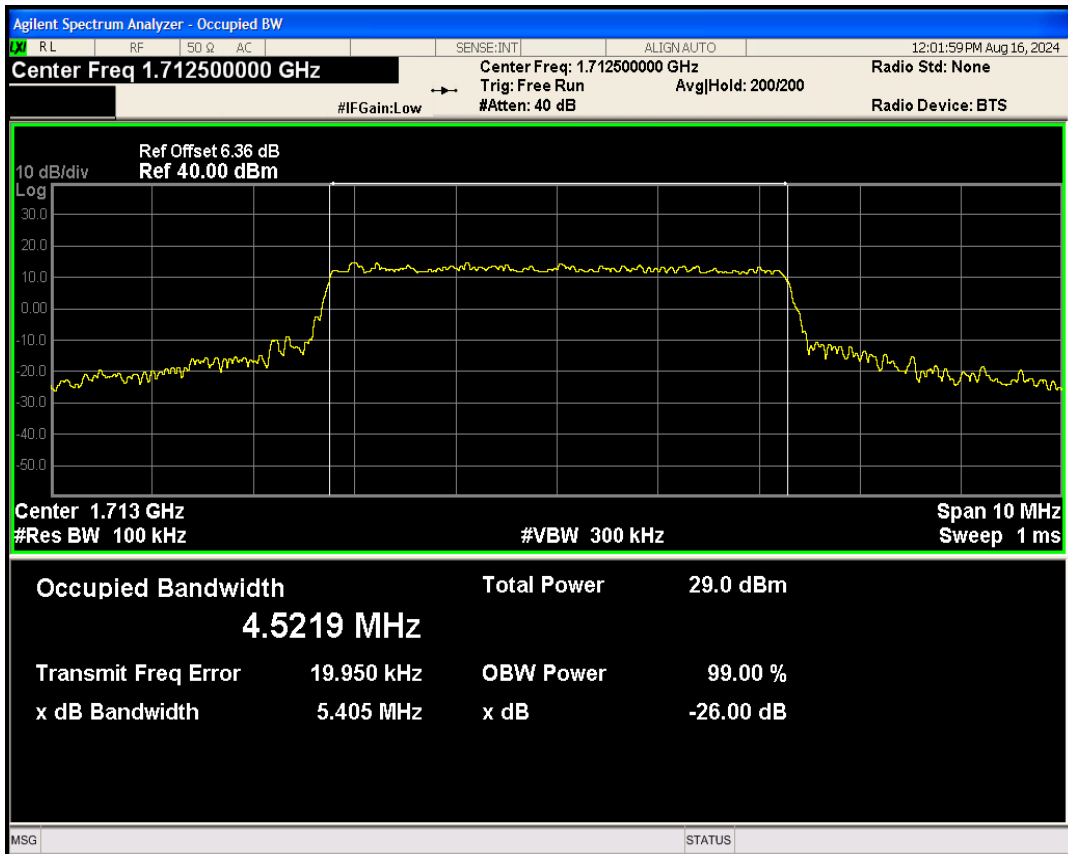
Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0



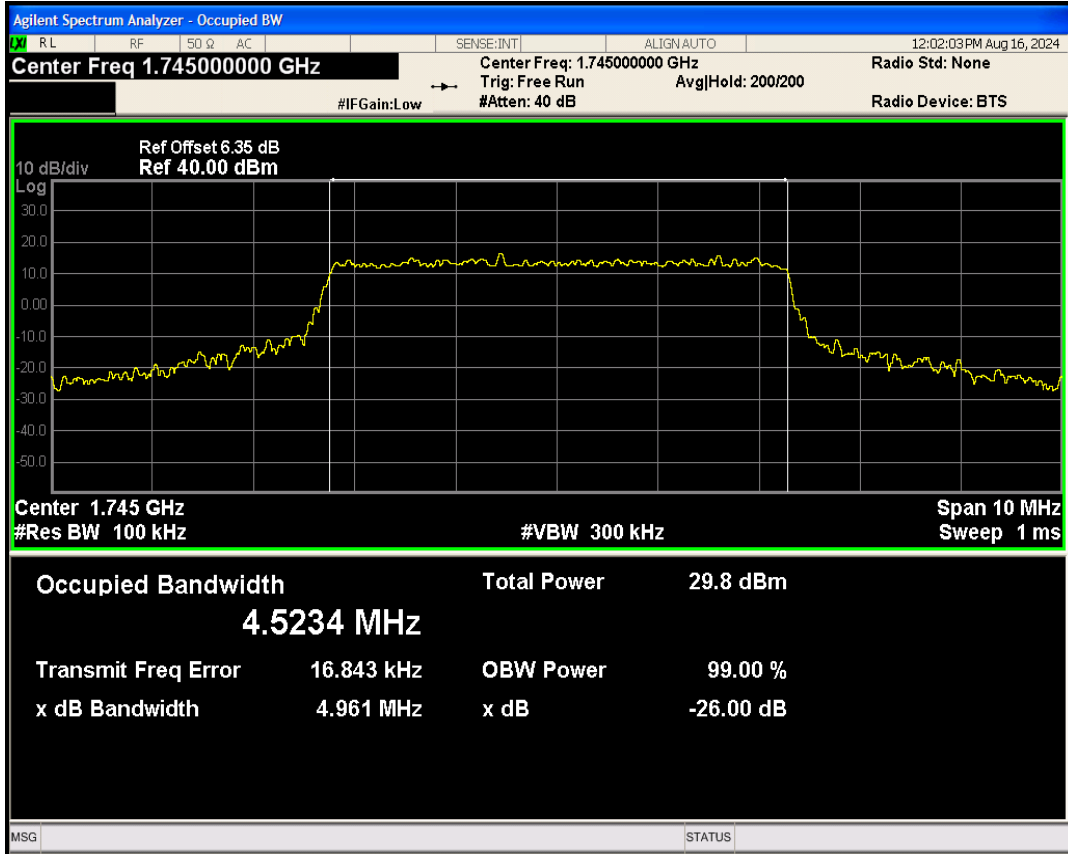
Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



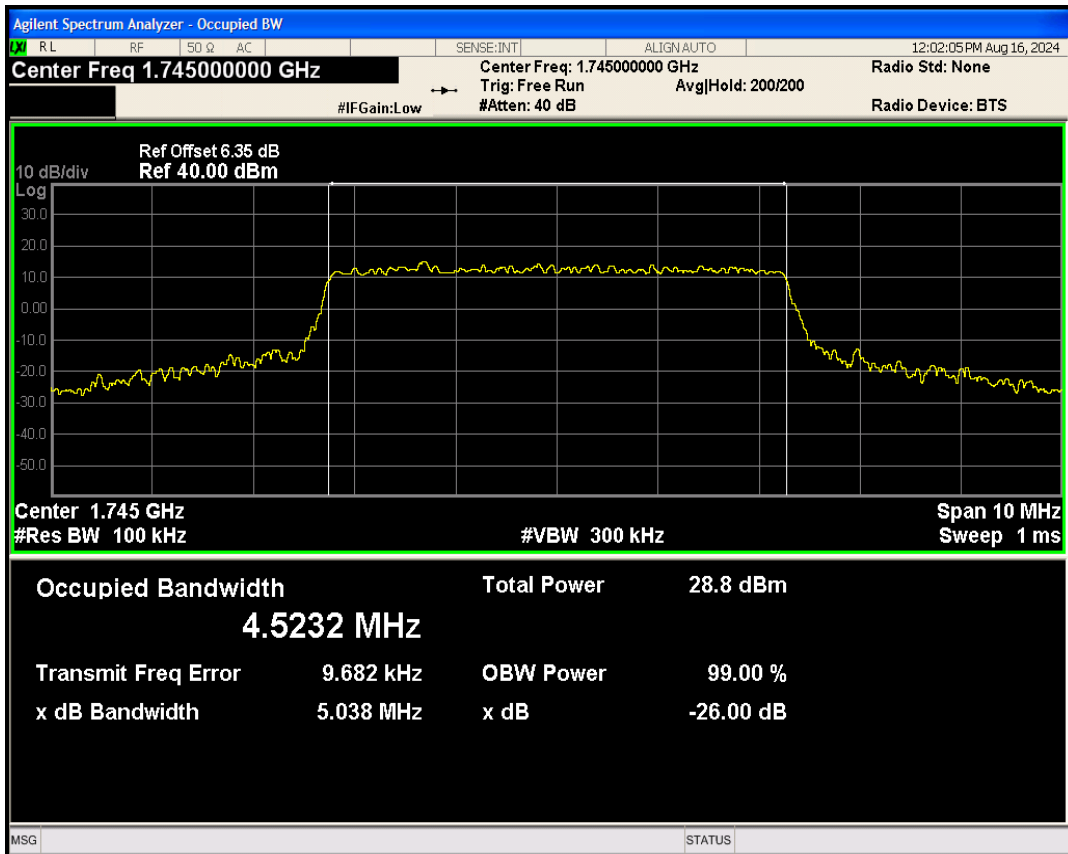
Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0



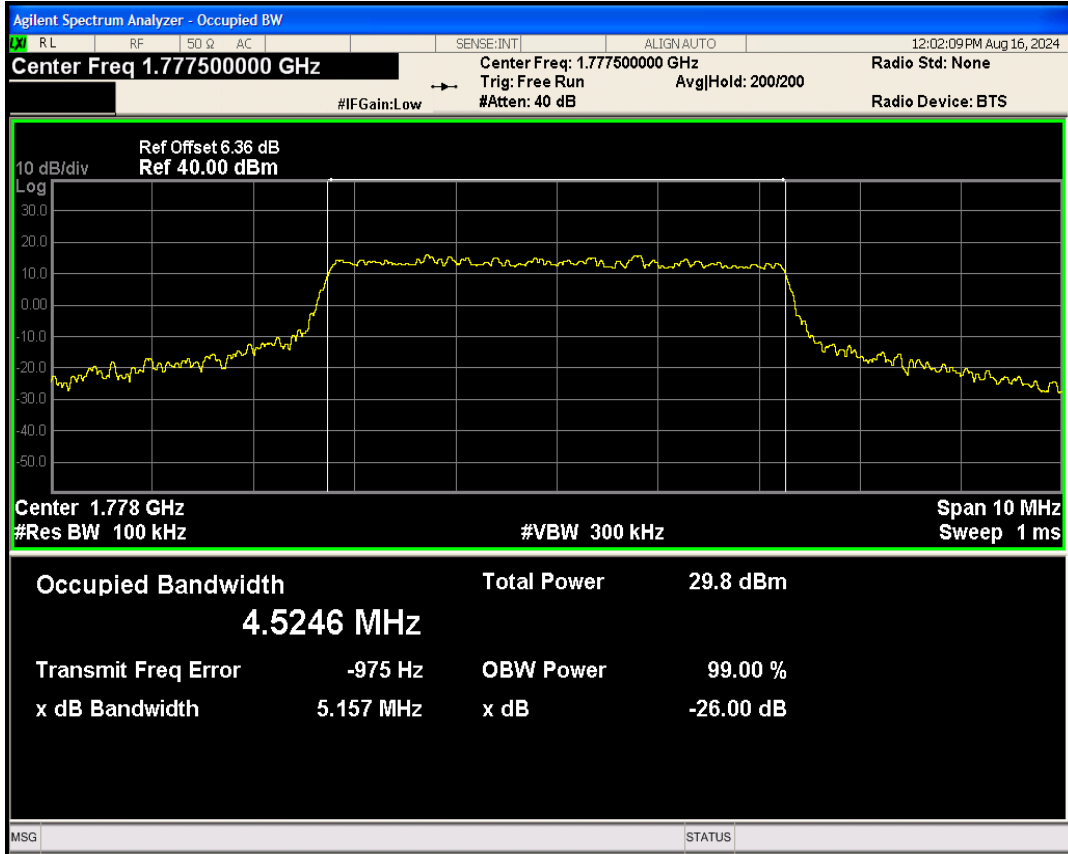
Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



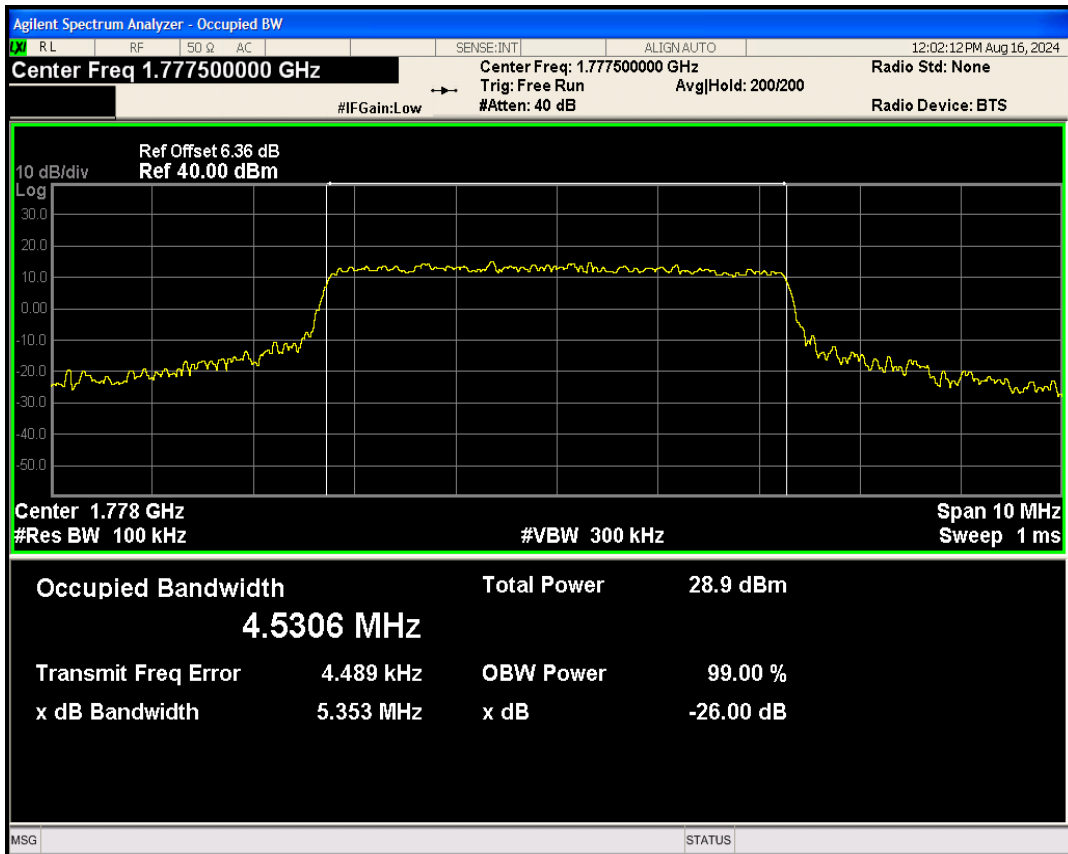
Band66 16QAM BW=5MHz Channel=132322 RB Size=25 Position=#0



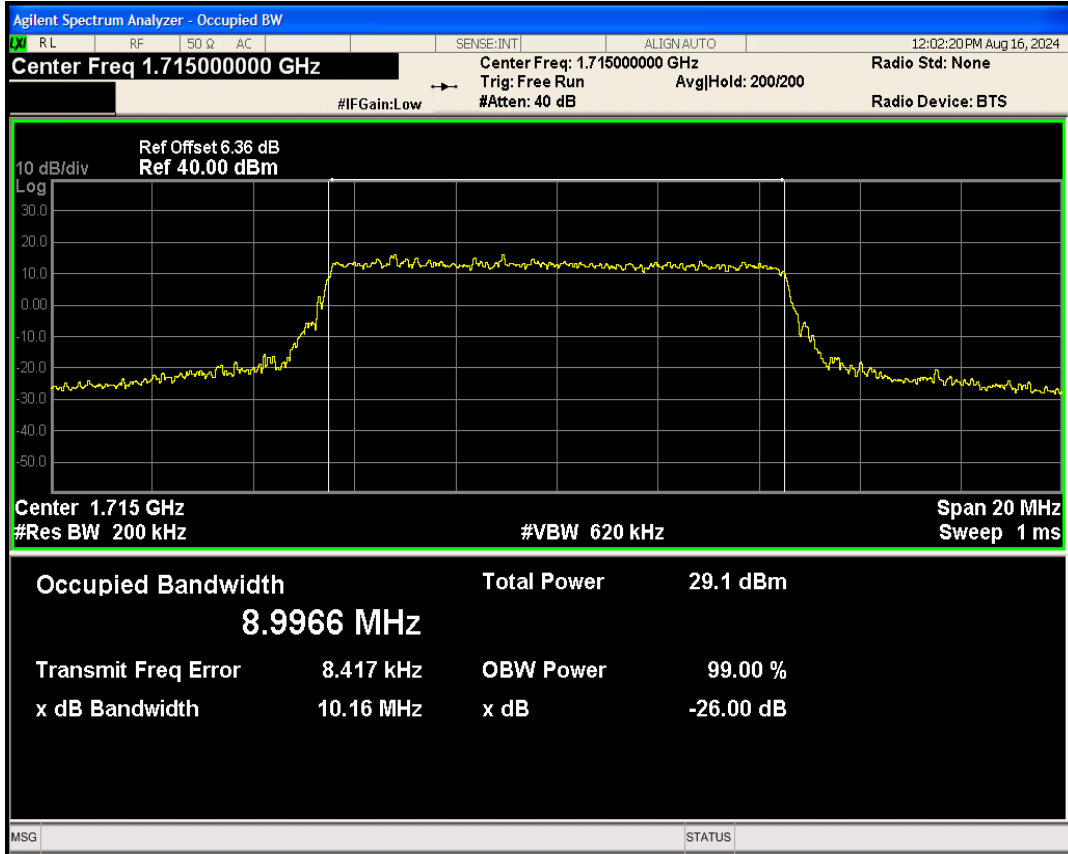
Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0



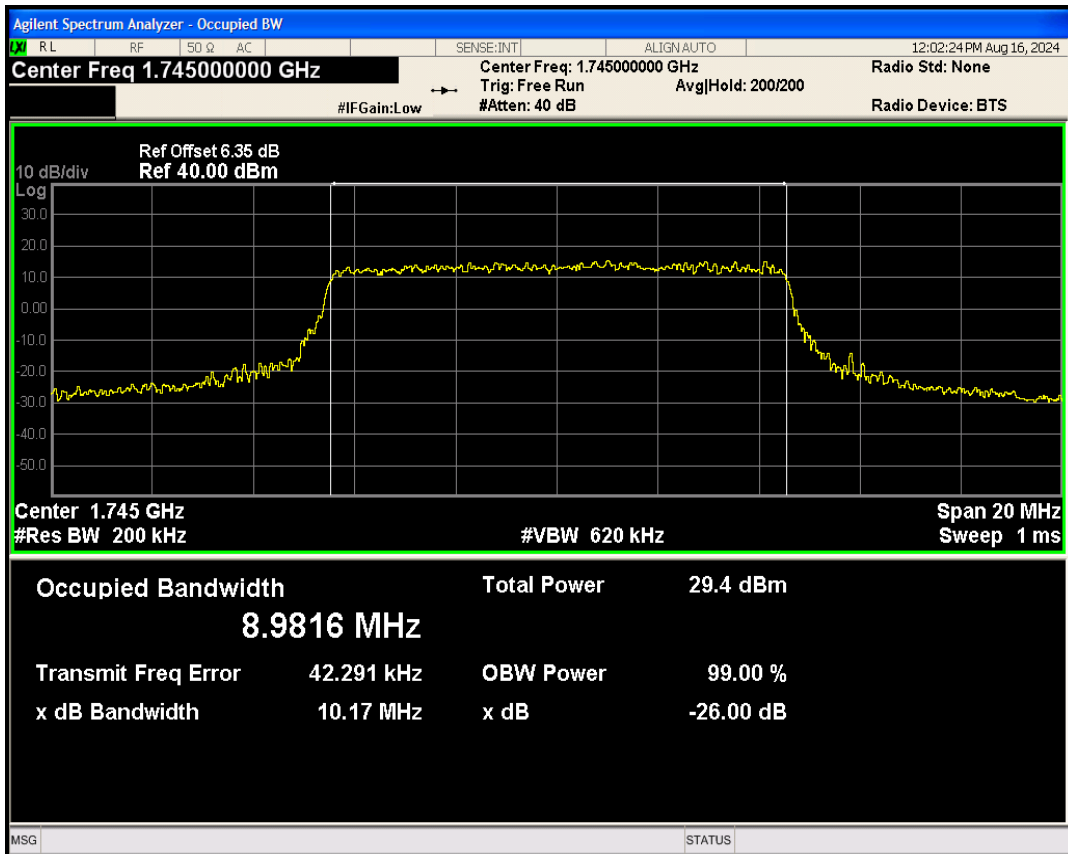
Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0



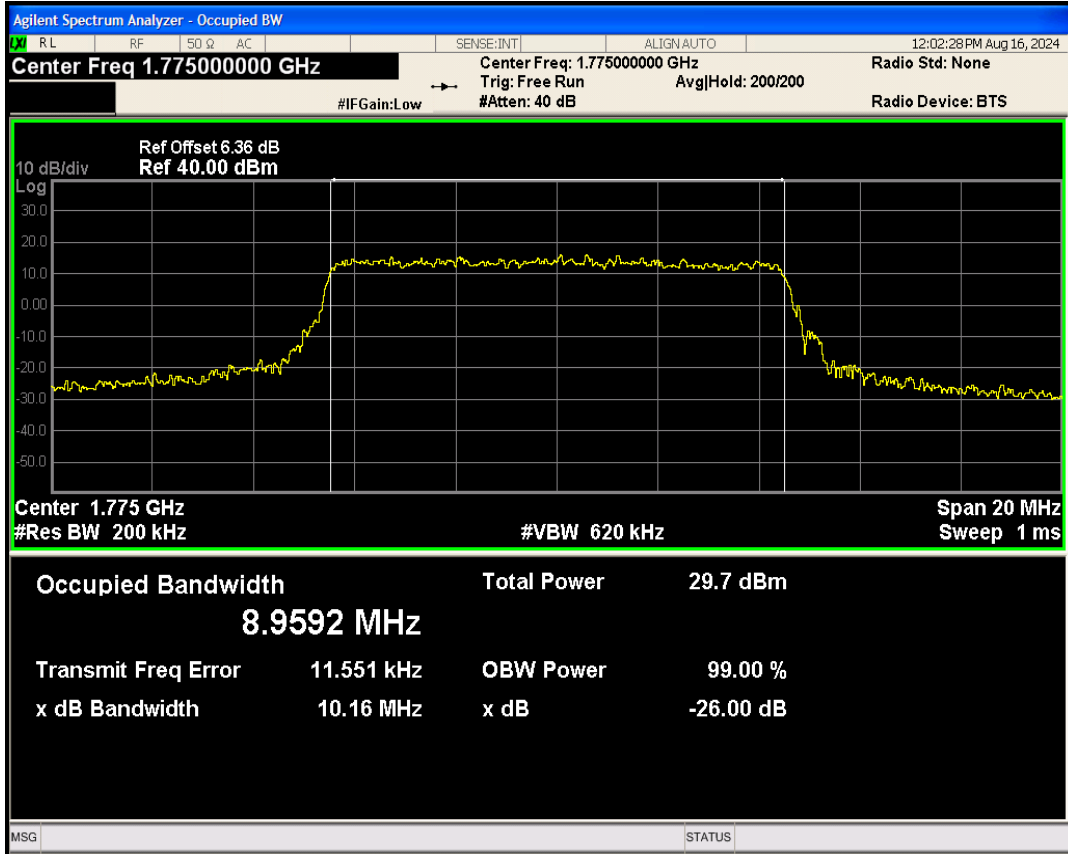
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



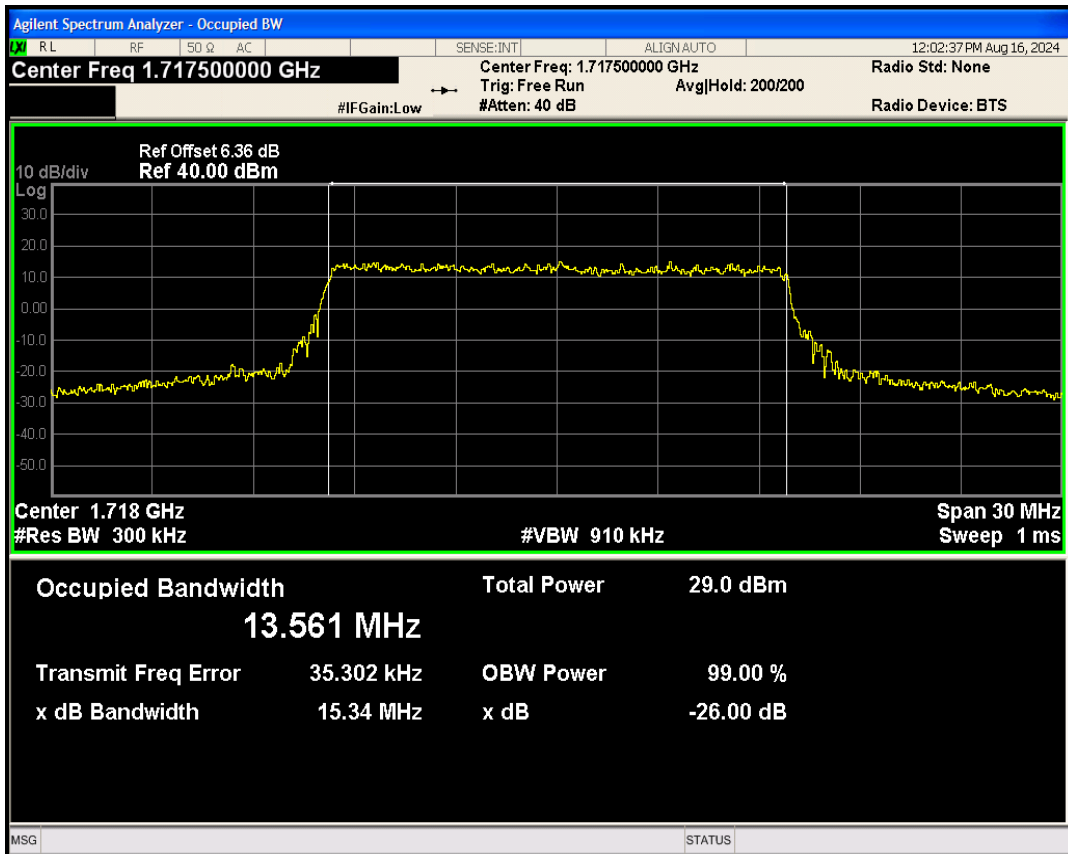
Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0



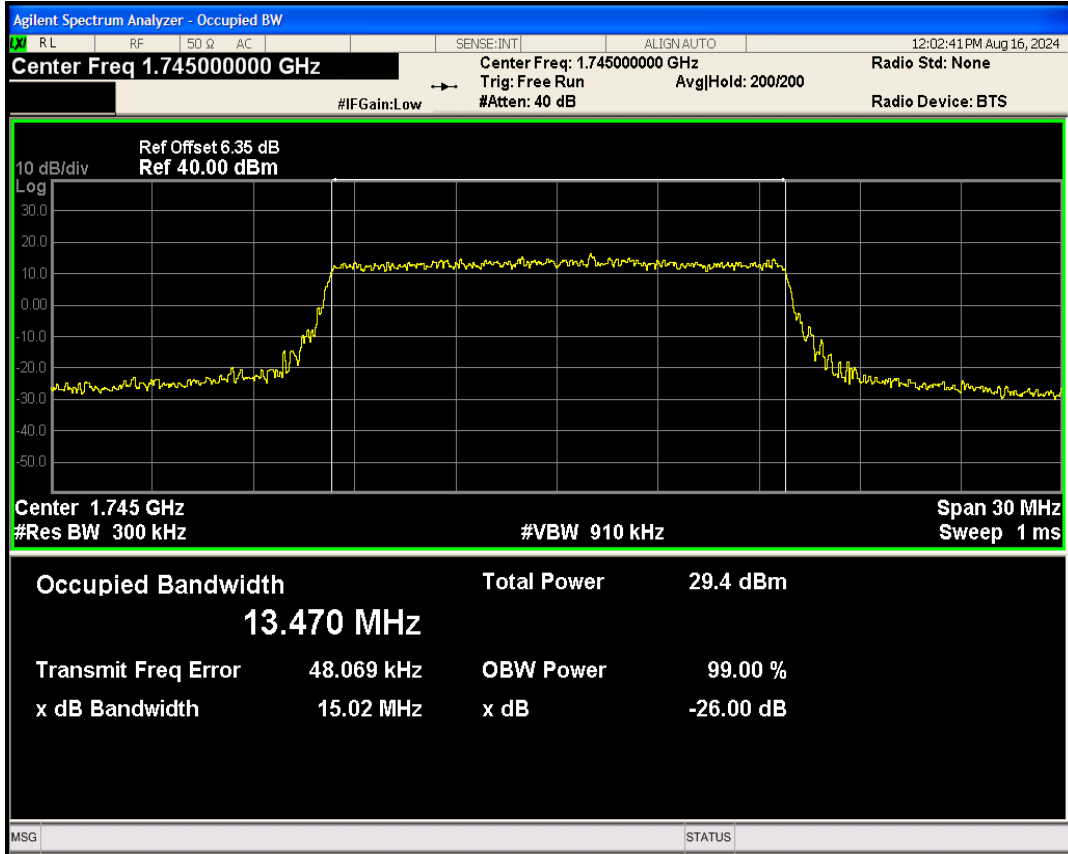
Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0



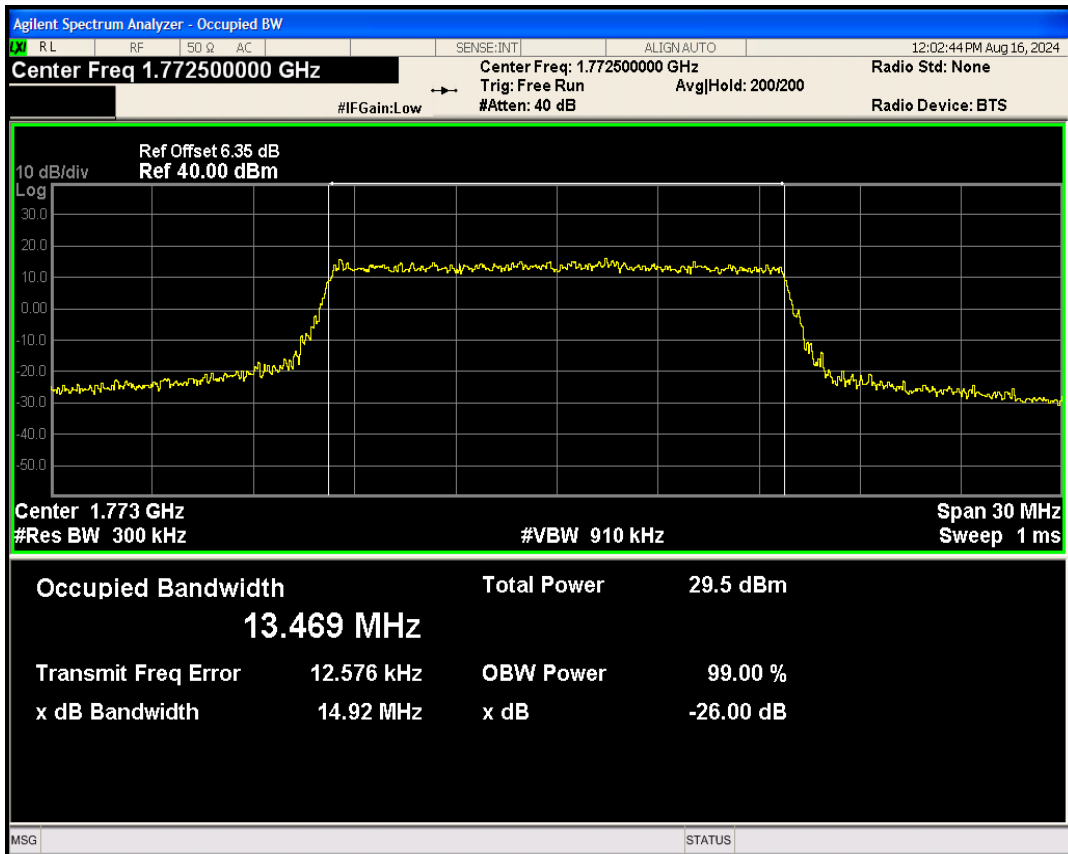
Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



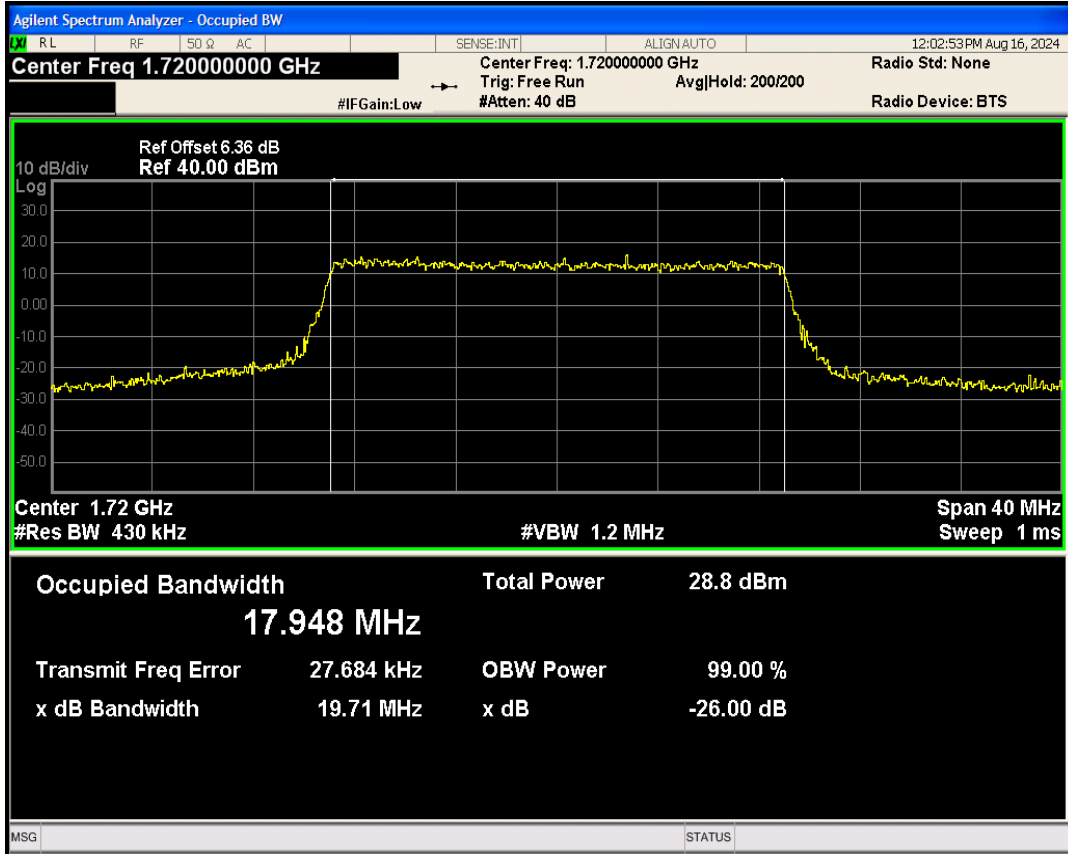
Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0



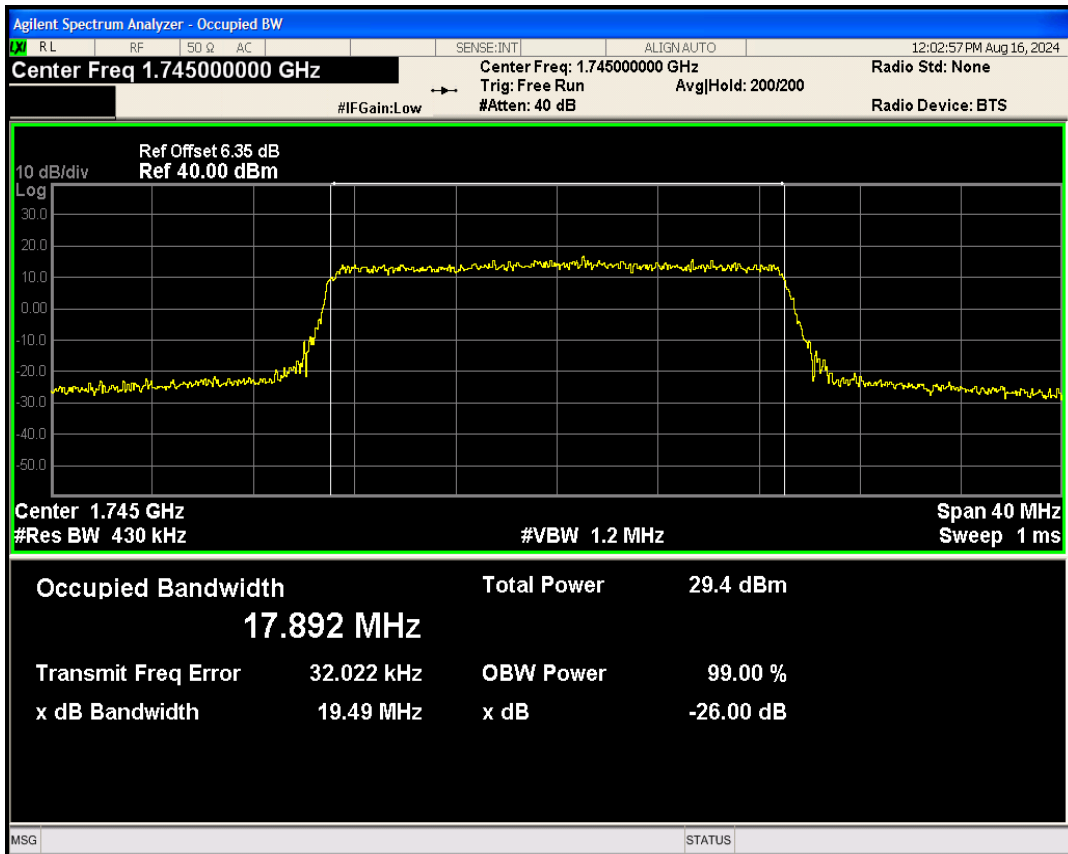
Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0



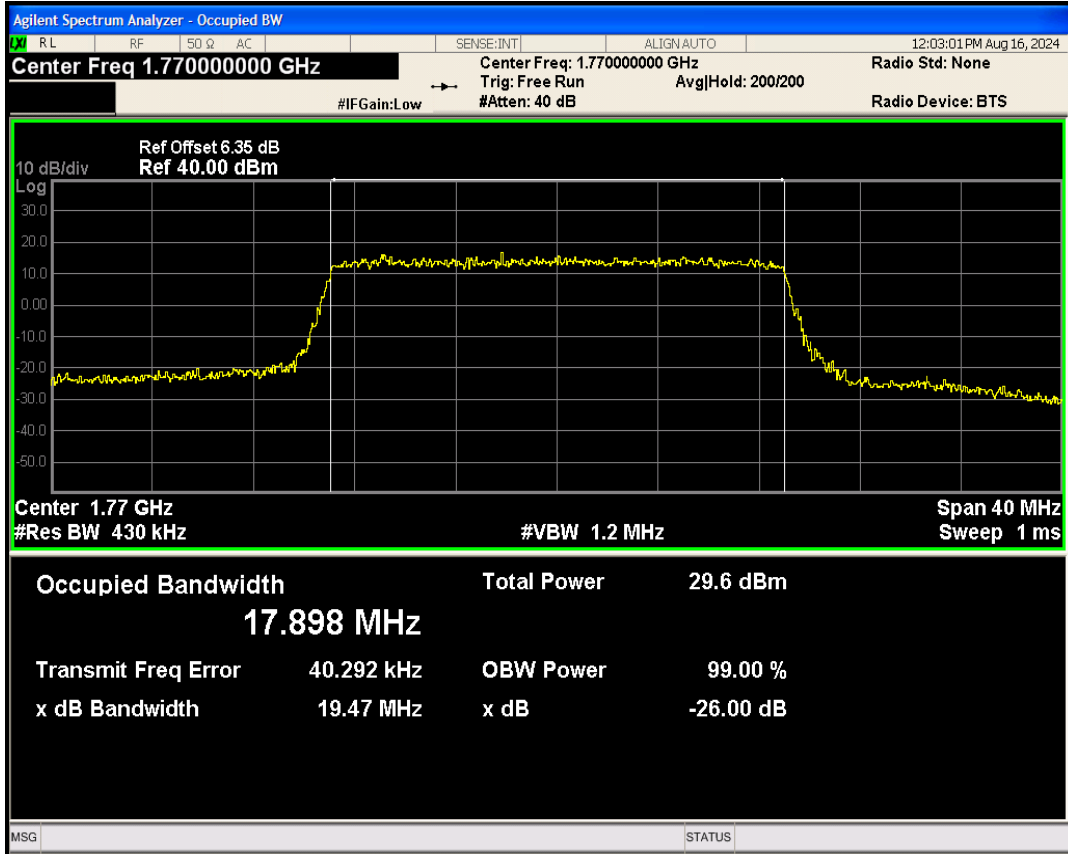
Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0



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



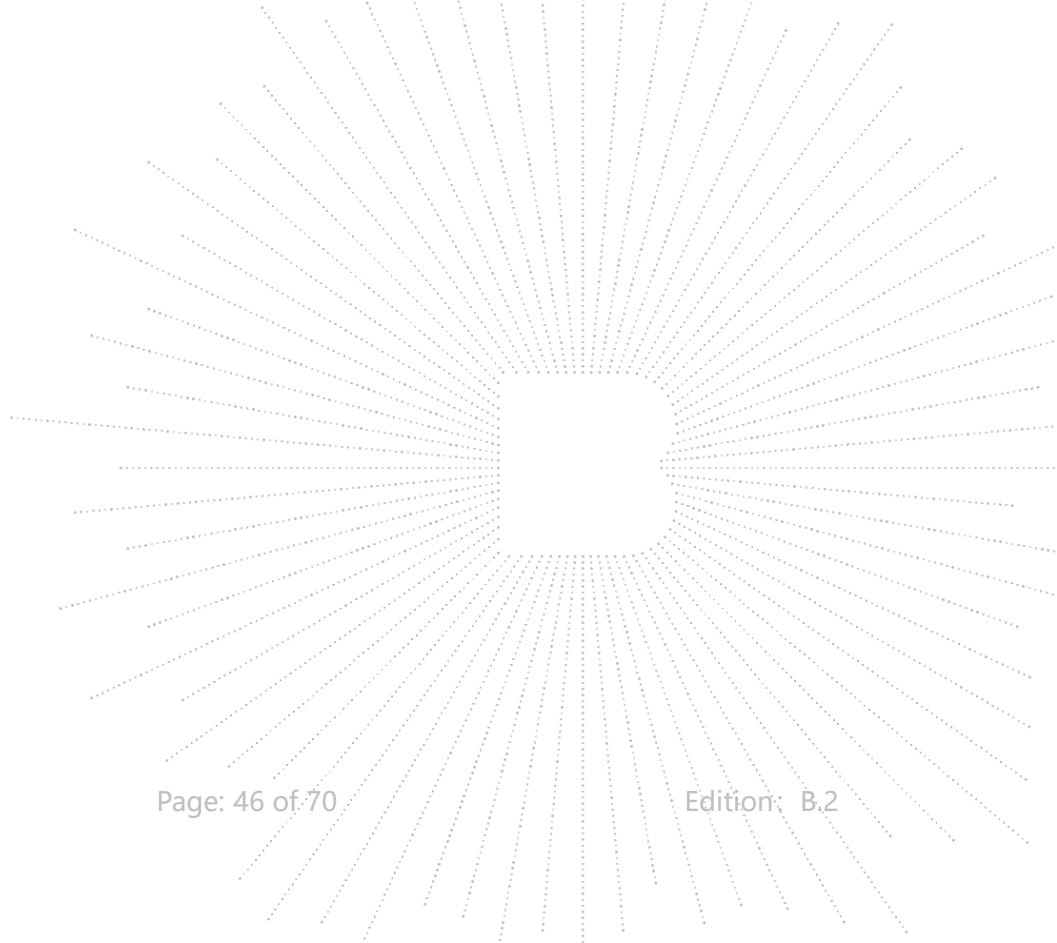
Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0

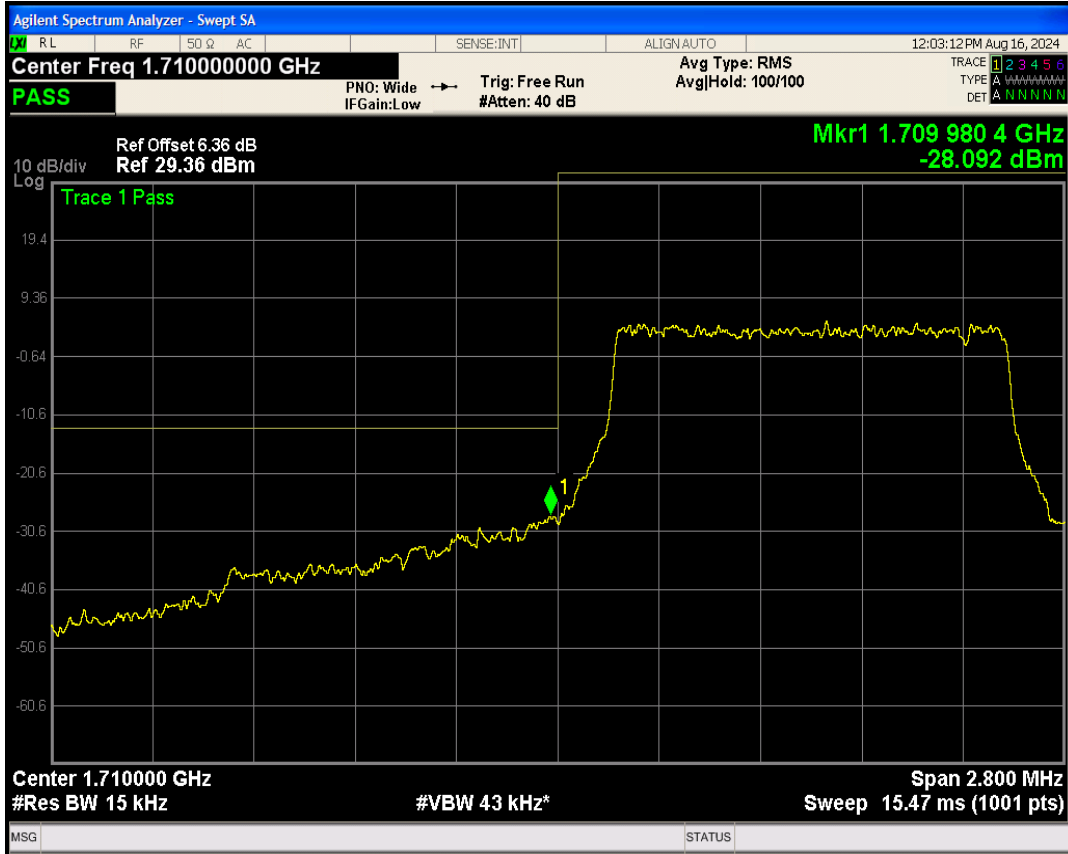


Appendix 5. Band edge

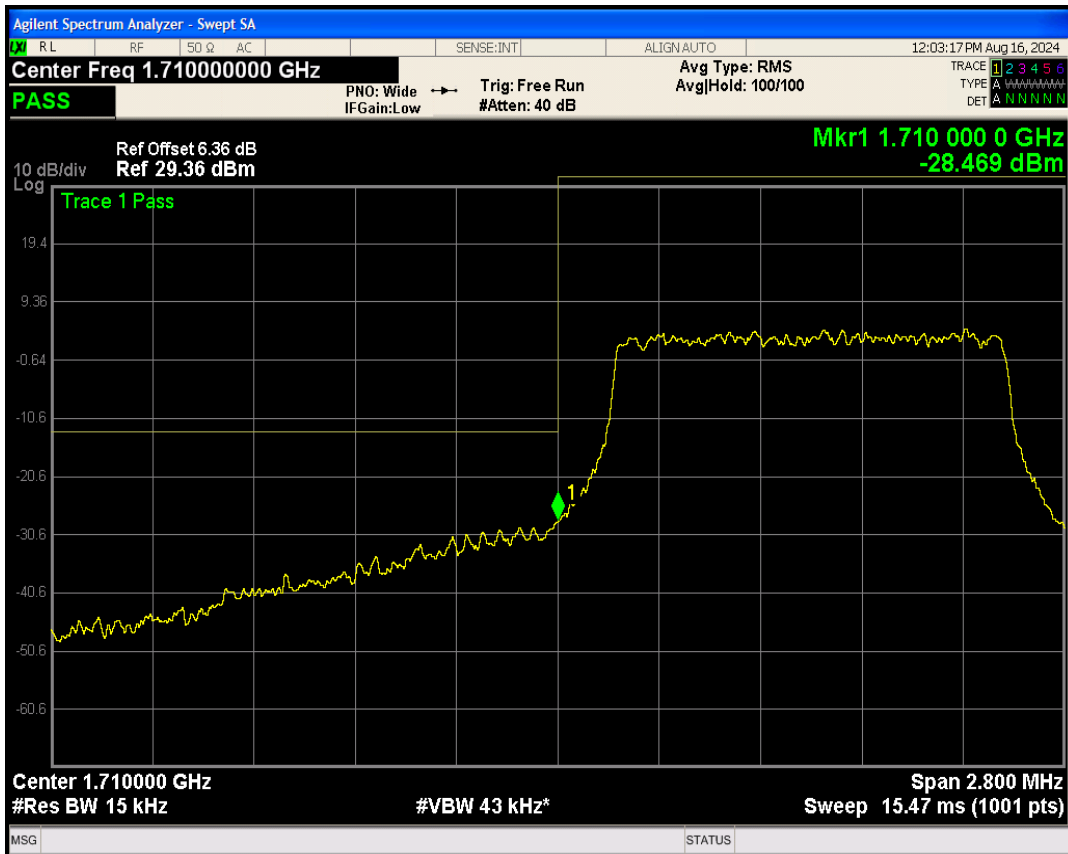
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band66	1.4	131979	6	#0	QPSK	1709.98	-28.09	-13	PASS
Band66	1.4	131979	6	#0	16QAM	1710.00	-28.46	-13	PASS
Band66	1.4	132665	6	#0	QPSK	1780.00	-30.53	-13	PASS
Band66	1.4	132665	6	#0	16QAM	1780.01	-30.77	-13	PASS
Band66	3	131987	15	#0	QPSK	1709.92	-27.60	-13	PASS
Band66	3	131987	15	#0	16QAM	1710.00	-28.55	-13	PASS
Band66	3	132657	15	#0	QPSK	1780.00	-30.19	-13	PASS
Band66	3	132657	15	#0	16QAM	1780.00	-29.69	-13	PASS
Band66	5	131997	25	#0	QPSK	1710.00	-26.41	-13	PASS
Band66	5	131997	25	#0	16QAM	1710.00	-27.04	-13	PASS
Band66	5	132647	25	#0	QPSK	1780.06	-28.39	-13	PASS
Band66	5	132647	25	#0	16QAM	1780.00	-29.07	-13	PASS
Band66	10	132022	50	#0	QPSK	1710.00	-28.58	-13	PASS
Band66	10	132622	50	#0	QPSK	1780.02	-29.93	-13	PASS
Band66	15	132047	75	#0	QPSK	1710.00	-27.63	-13	PASS
Band66	15	132597	75	#0	QPSK	1780.12	-32.43	-13	PASS
Band66	20	132072	100	#0	QPSK	1710.00	-28.89	-13	PASS
Band66	20	132572	100	#0	QPSK	1780.08	-31.51	-13	PASS

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

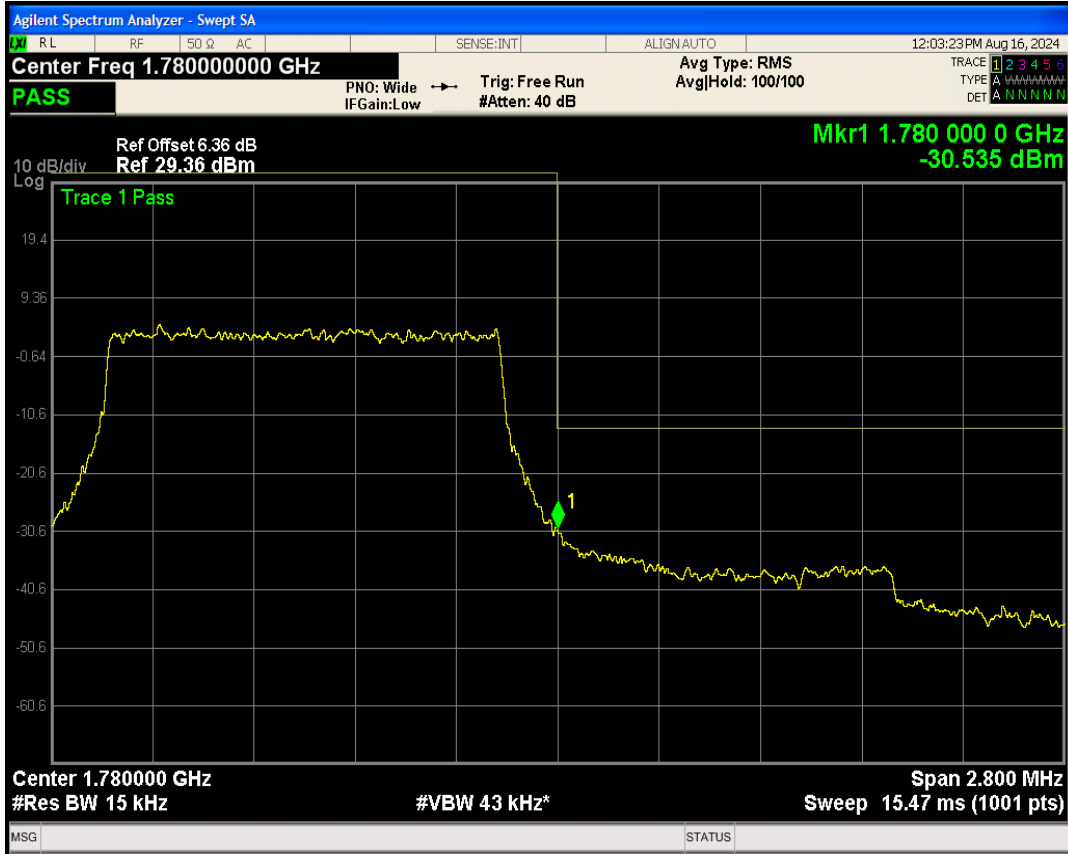




Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0



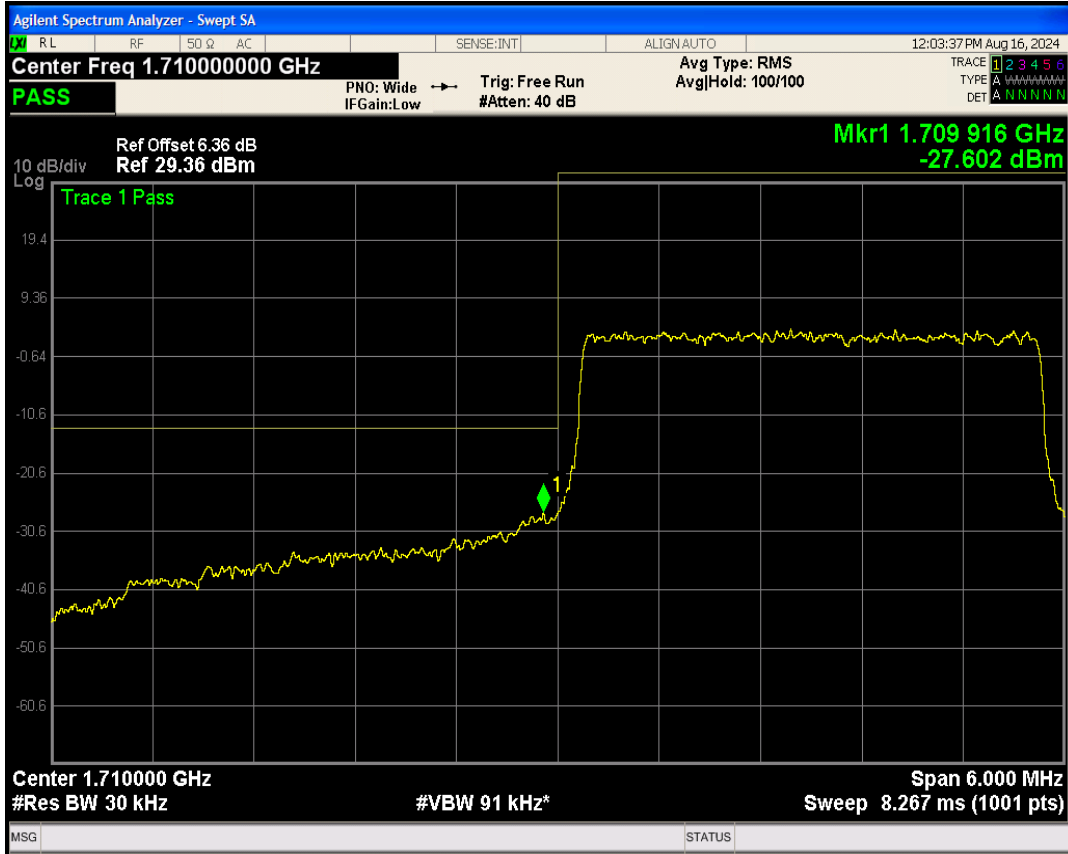
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



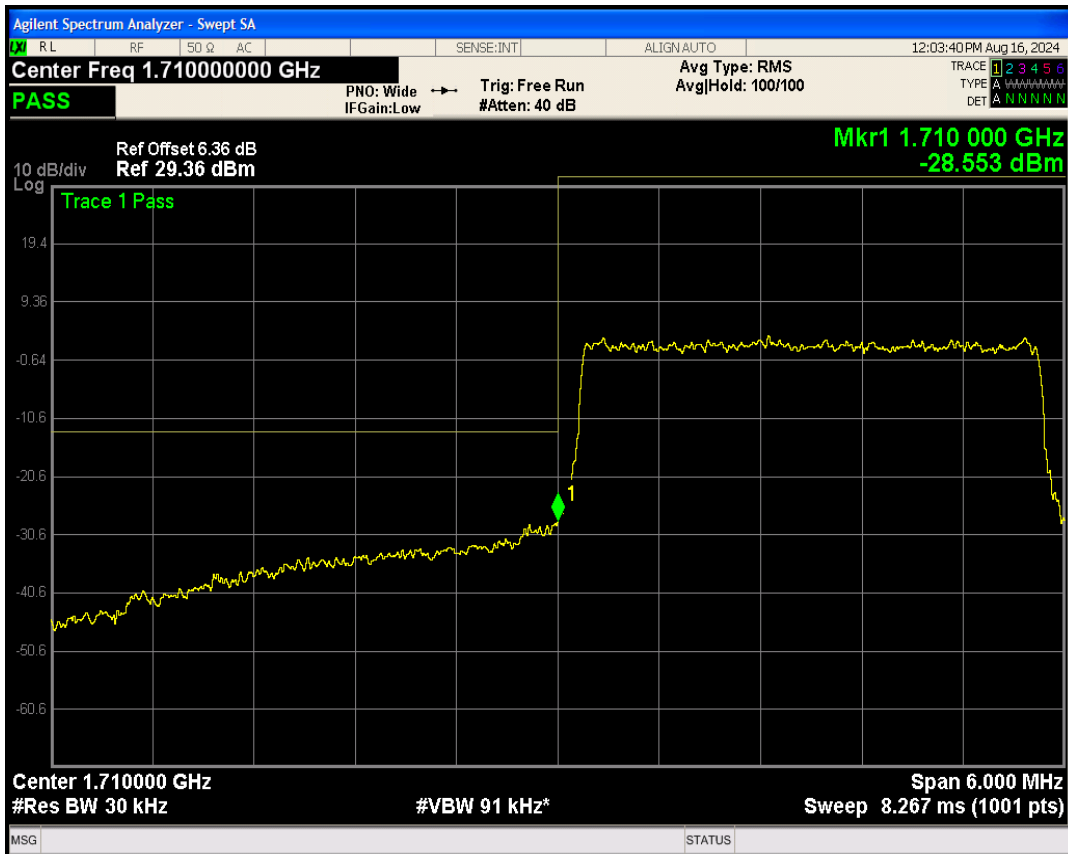
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0



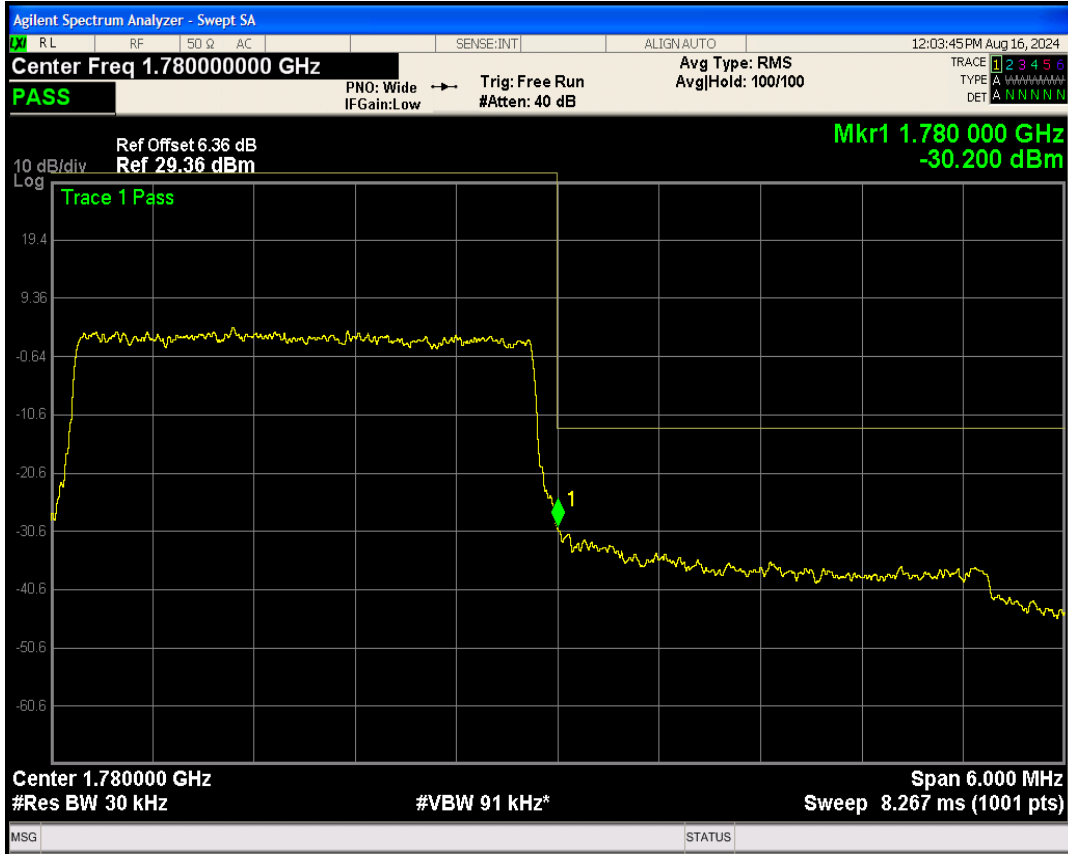
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



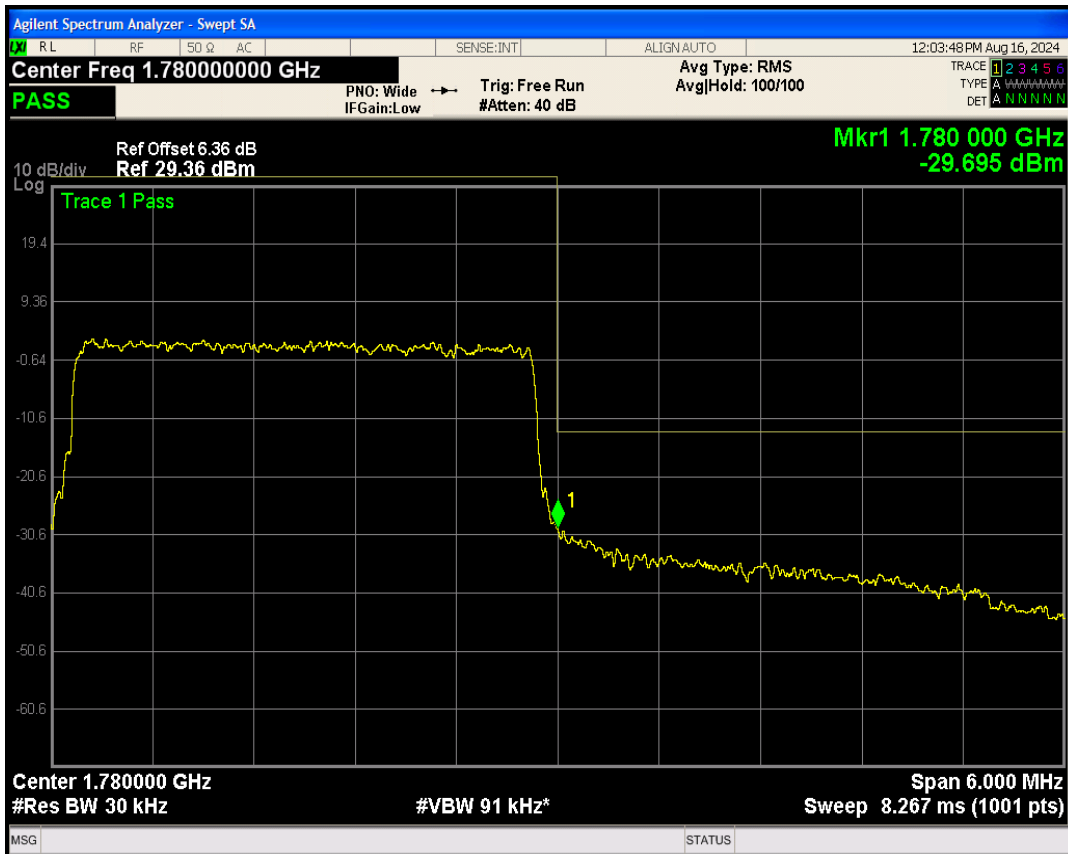
Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0



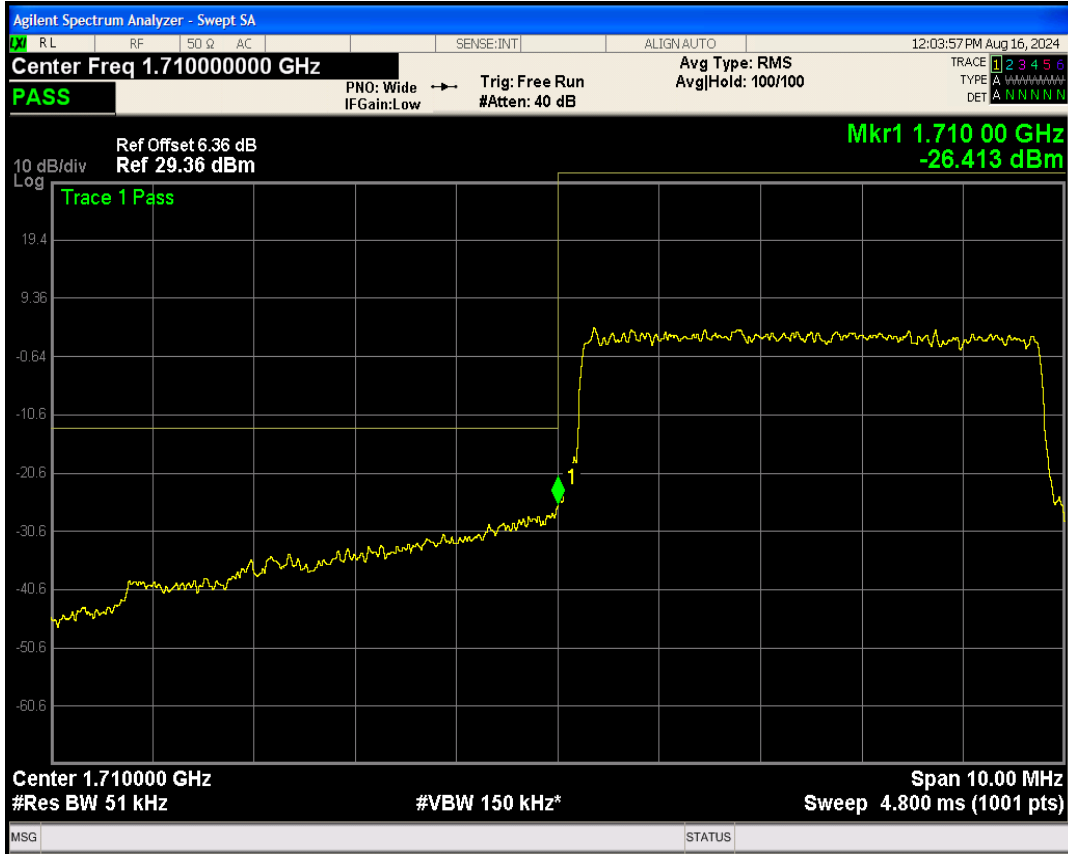
Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



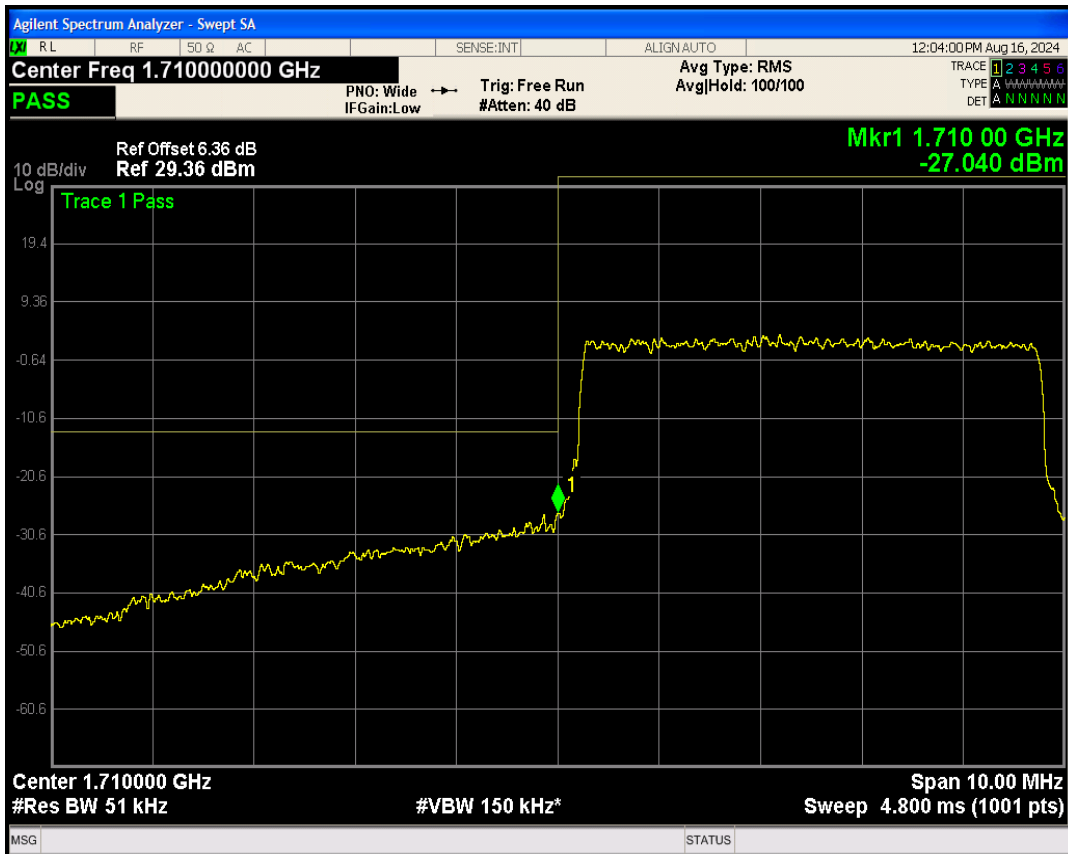
Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0



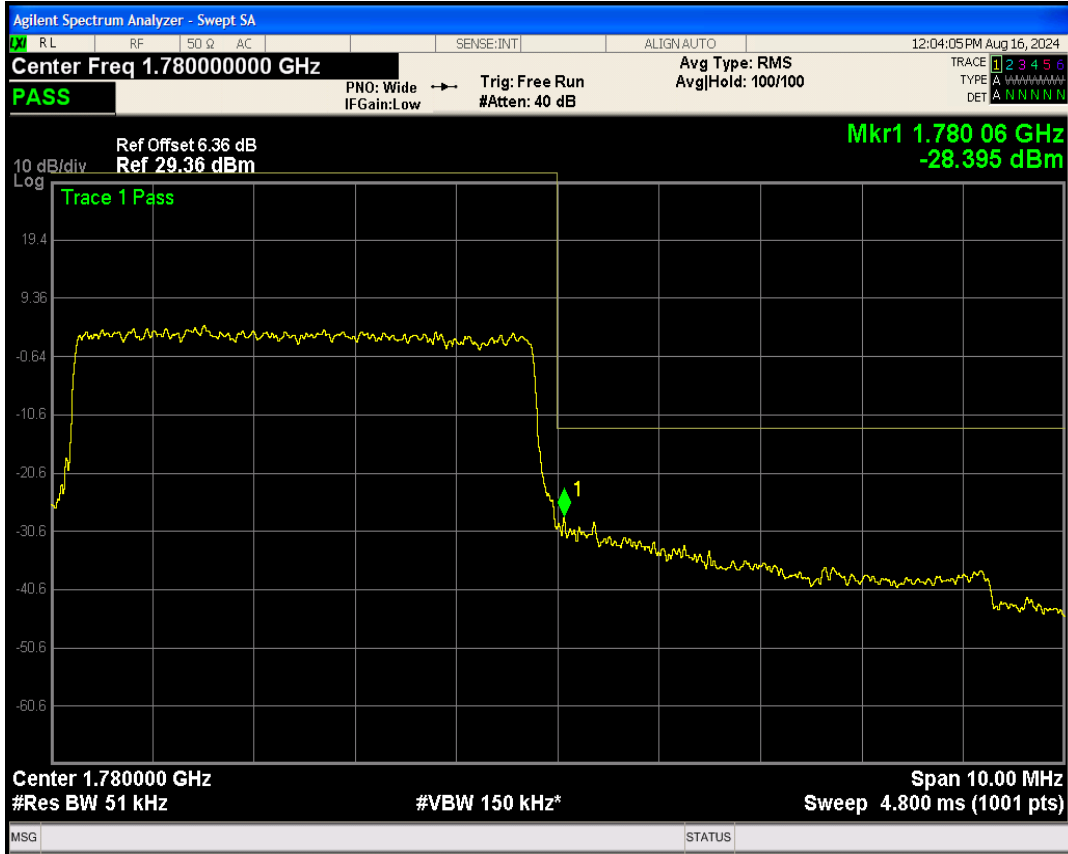
Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



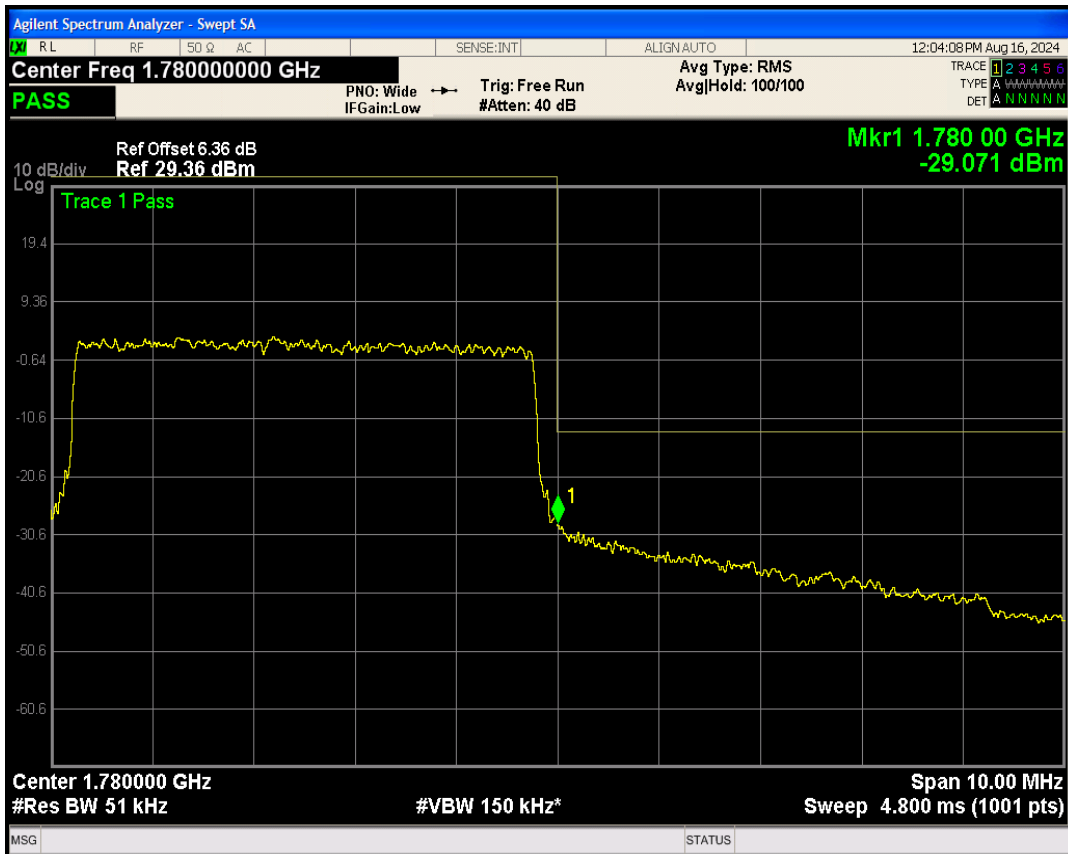
Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0



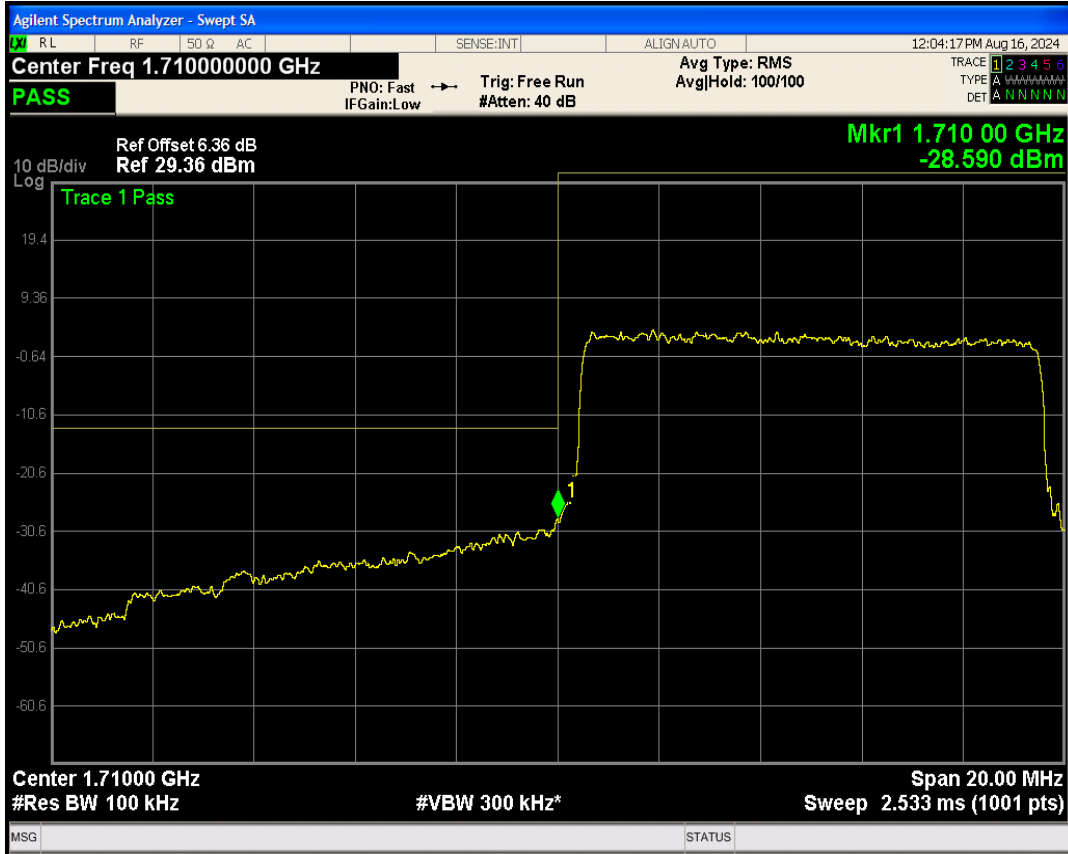
Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0



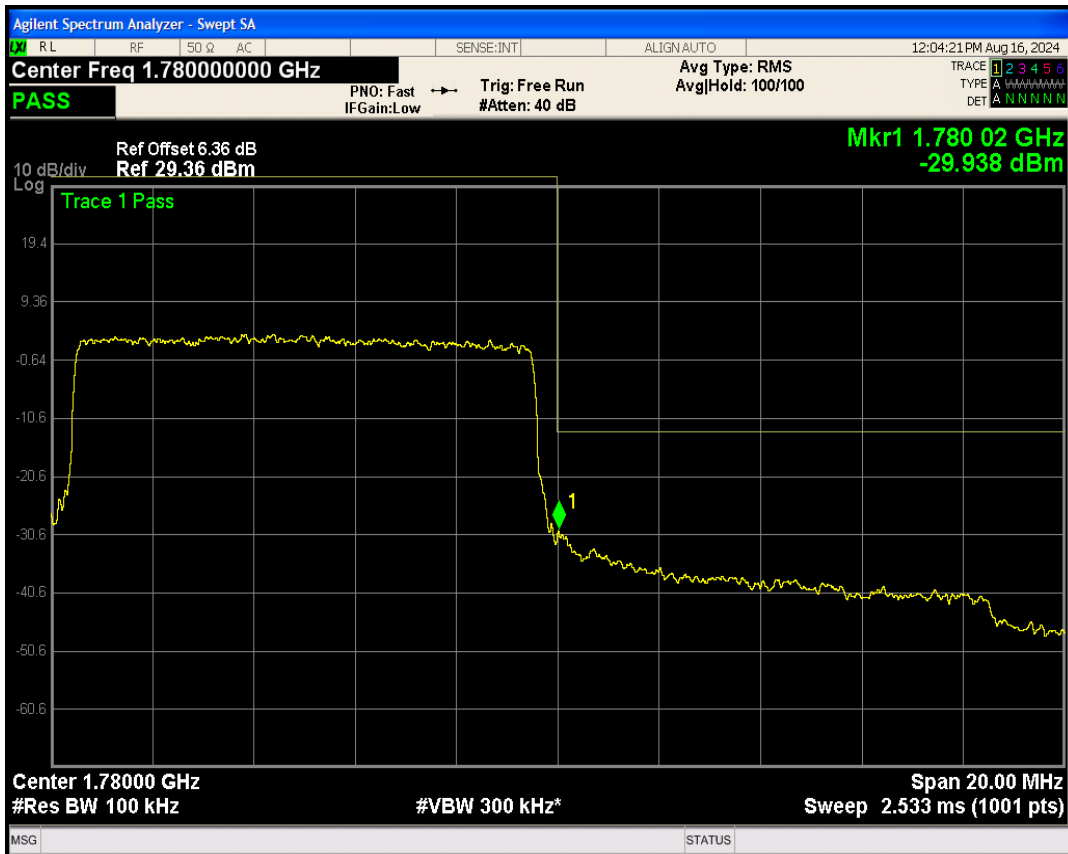
Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0



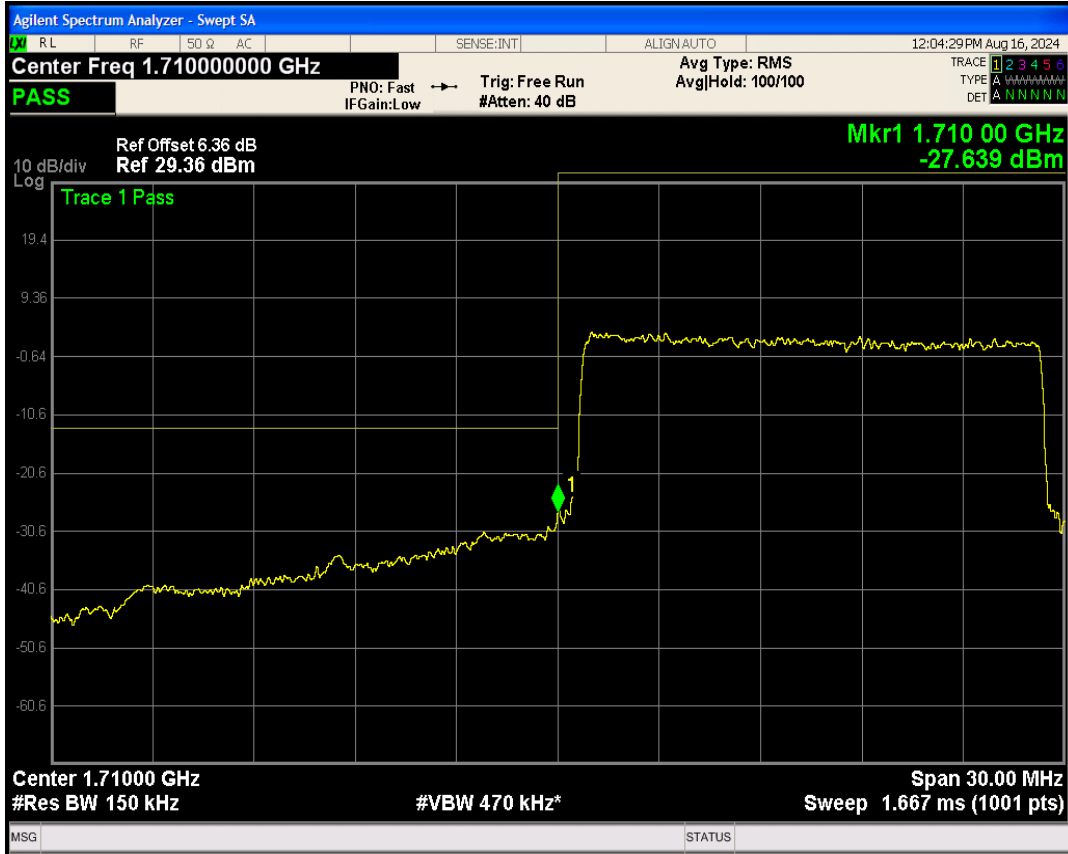
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



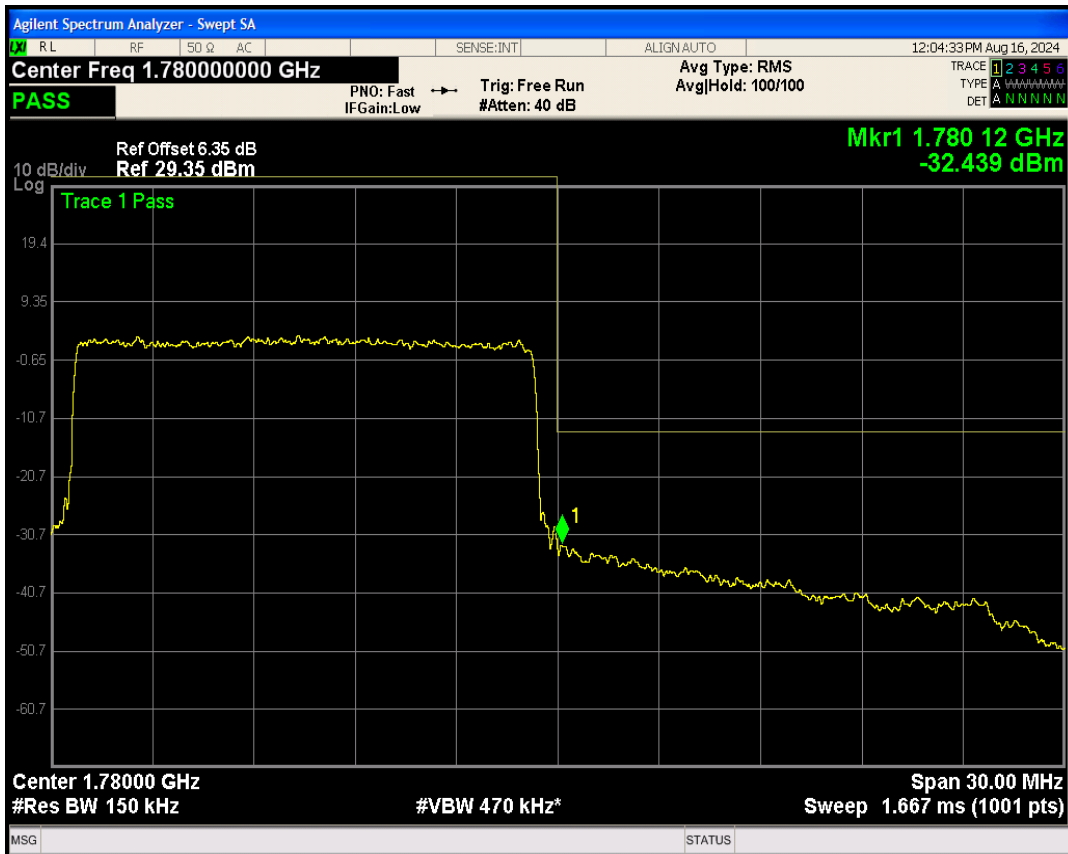
Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0



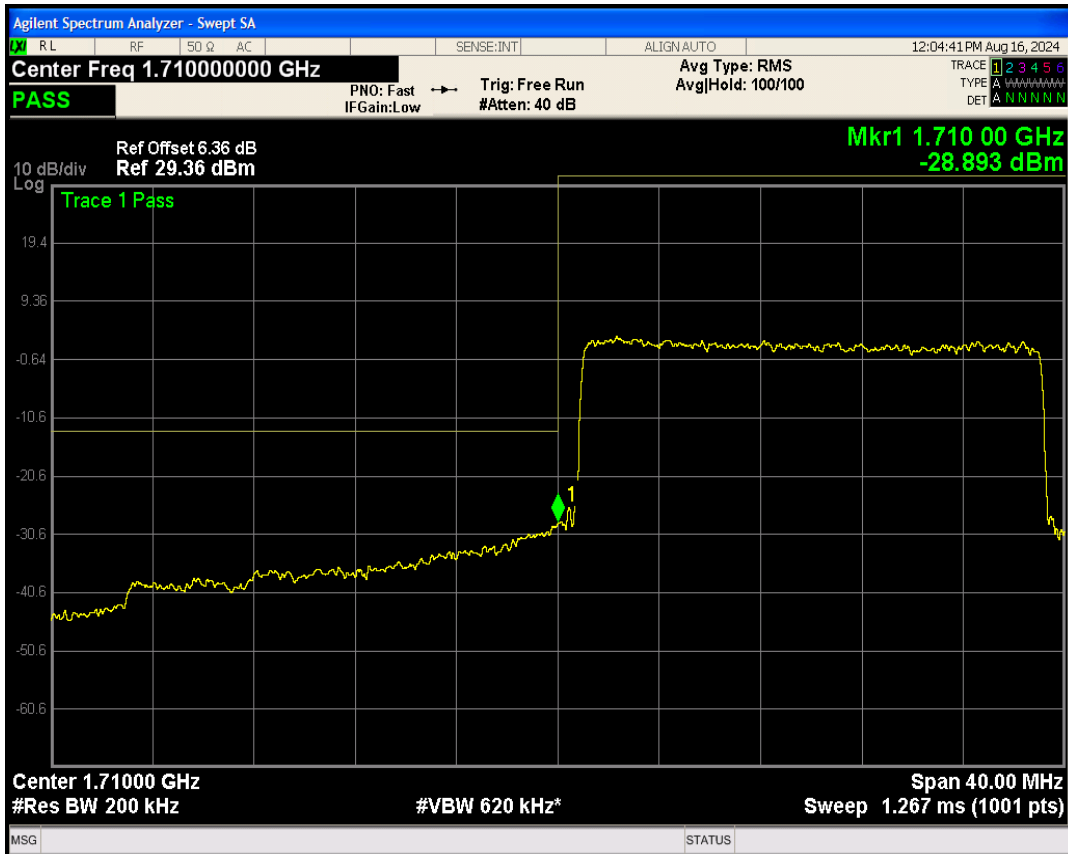
Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



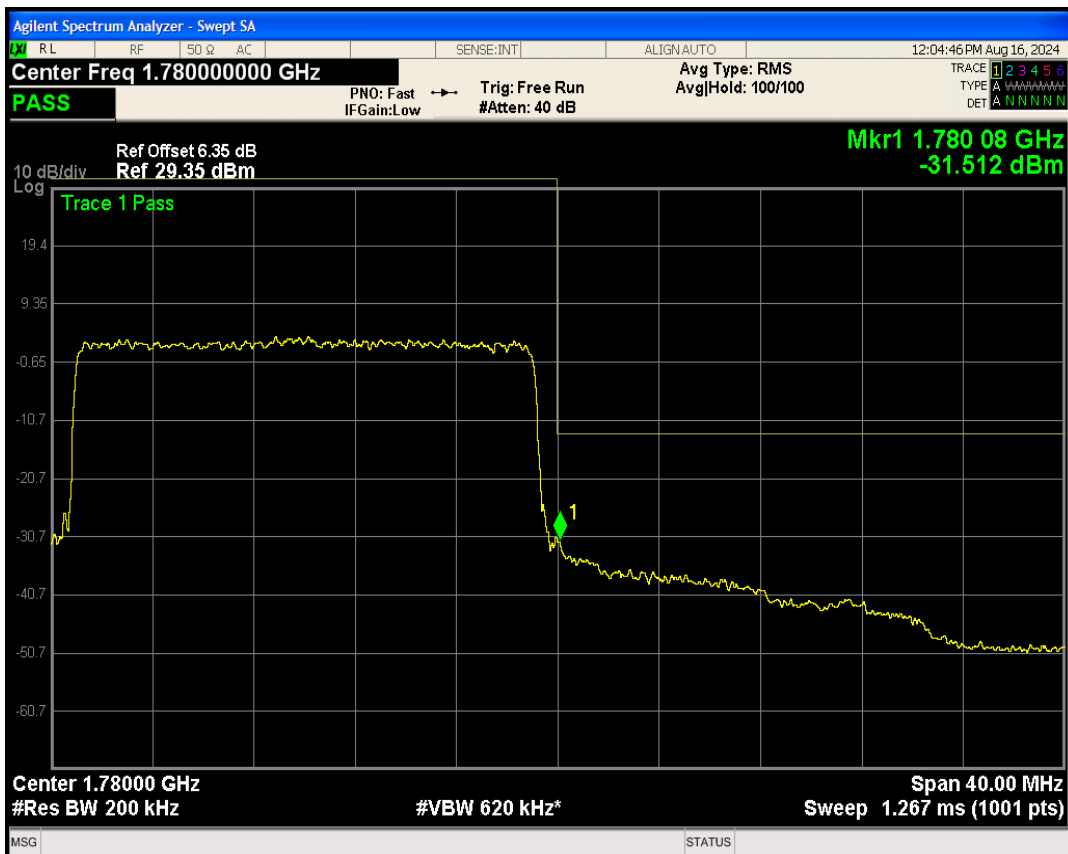
Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0



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



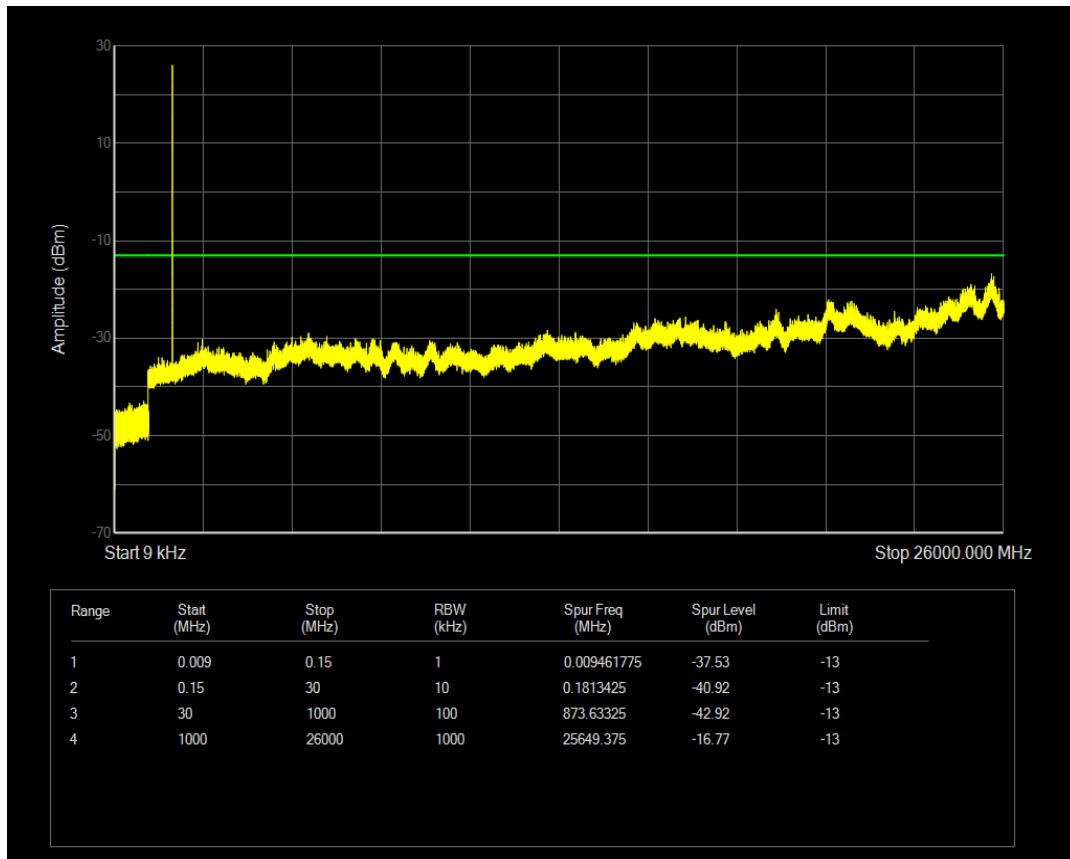
Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



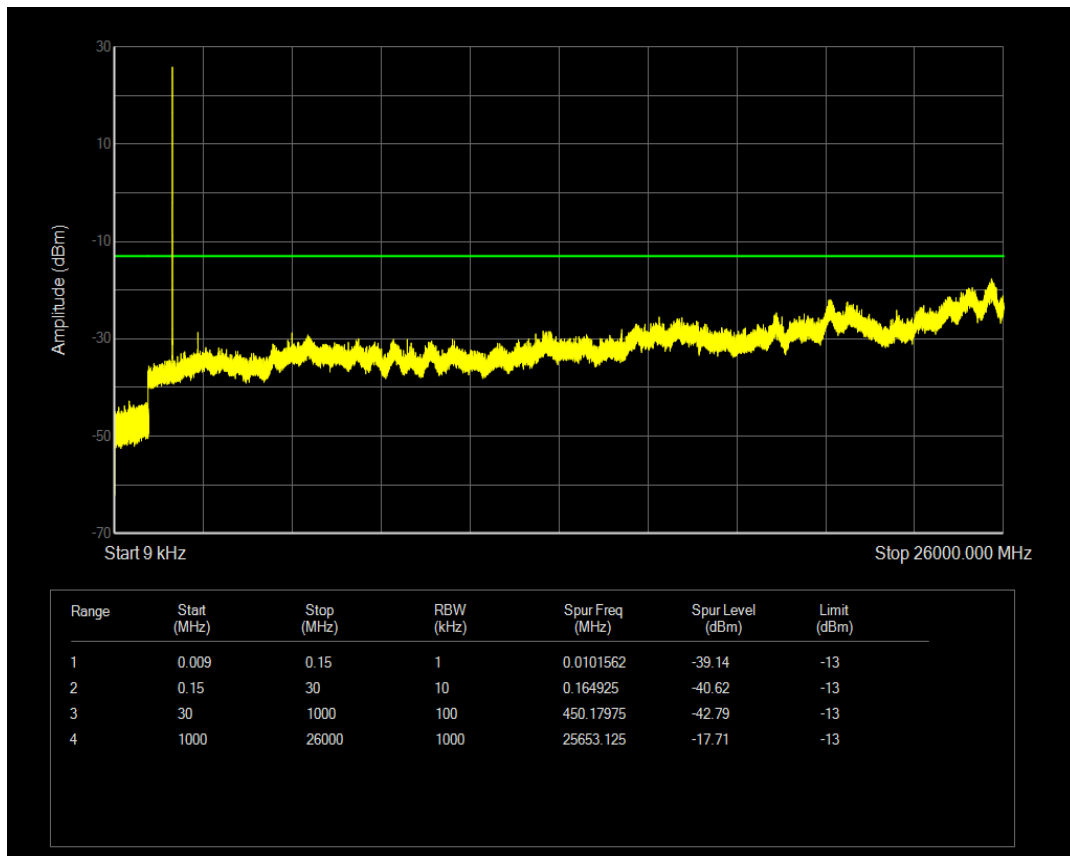
Appendix 6. Out-of-band emissions

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	25649.38	-16.77	-13	PASS
Band66	1.4	131979	6	#0	16QAM	25653.13	-17.71	-13	PASS
Band66	1.4	132322	6	#0	QPSK	25614.38	-16.51	-13	PASS
Band66	1.4	132322	6	#0	16QAM	25578.13	-16.75	-13	PASS
Band66	1.4	132665	6	#0	QPSK	25690.00	-17.53	-13	PASS
Band66	1.4	132665	6	#0	16QAM	25590.63	-18.19	-13	PASS
Band66	3	131987	15	#0	QPSK	25612.50	-17.74	-13	PASS
Band66	3	131987	15	#0	16QAM	25624.38	-17.10	-13	PASS
Band66	3	132322	15	#0	QPSK	25628.75	-17.58	-13	PASS
Band66	3	132322	15	#0	16QAM	25773.13	-17.89	-13	PASS
Band66	3	132657	15	#0	QPSK	25597.50	-17.43	-13	PASS
Band66	3	132657	15	#0	16QAM	25589.38	-18.02	-13	PASS
Band66	5	131997	25	#0	QPSK	25650.63	-17.24	-13	PASS
Band66	5	131997	25	#0	16QAM	25590.63	-17.39	-13	PASS
Band66	5	132322	25	#0	QPSK	25580.63	-17.10	-13	PASS
Band66	5	132322	25	#0	16QAM	25640.63	-16.89	-13	PASS
Band66	5	132647	25	#0	QPSK	25613.75	-16.96	-13	PASS
Band66	5	132647	25	#0	16QAM	25675.00	-16.57	-13	PASS
Band66	10	132022	50	#0	QPSK	25611.25	-17.73	-13	PASS
Band66	10	132322	50	#0	QPSK	25621.25	-17.04	-13	PASS
Band66	10	132622	50	#0	QPSK	25635.00	-17.43	-13	PASS
Band66	15	132047	75	#0	QPSK	25602.50	-17.24	-13	PASS
Band66	15	132322	75	#0	QPSK	25664.38	-16.97	-13	PASS
Band66	15	132597	75	#0	QPSK	25654.38	-17.31	-13	PASS
Band66	20	132072	100	#0	QPSK	25542.50	-17.48	-13	PASS
Band66	20	132322	100	#0	QPSK	25610.00	-16.91	-13	PASS
Band66	20	132572	100	#0	QPSK	25625.00	-17.39	-13	PASS

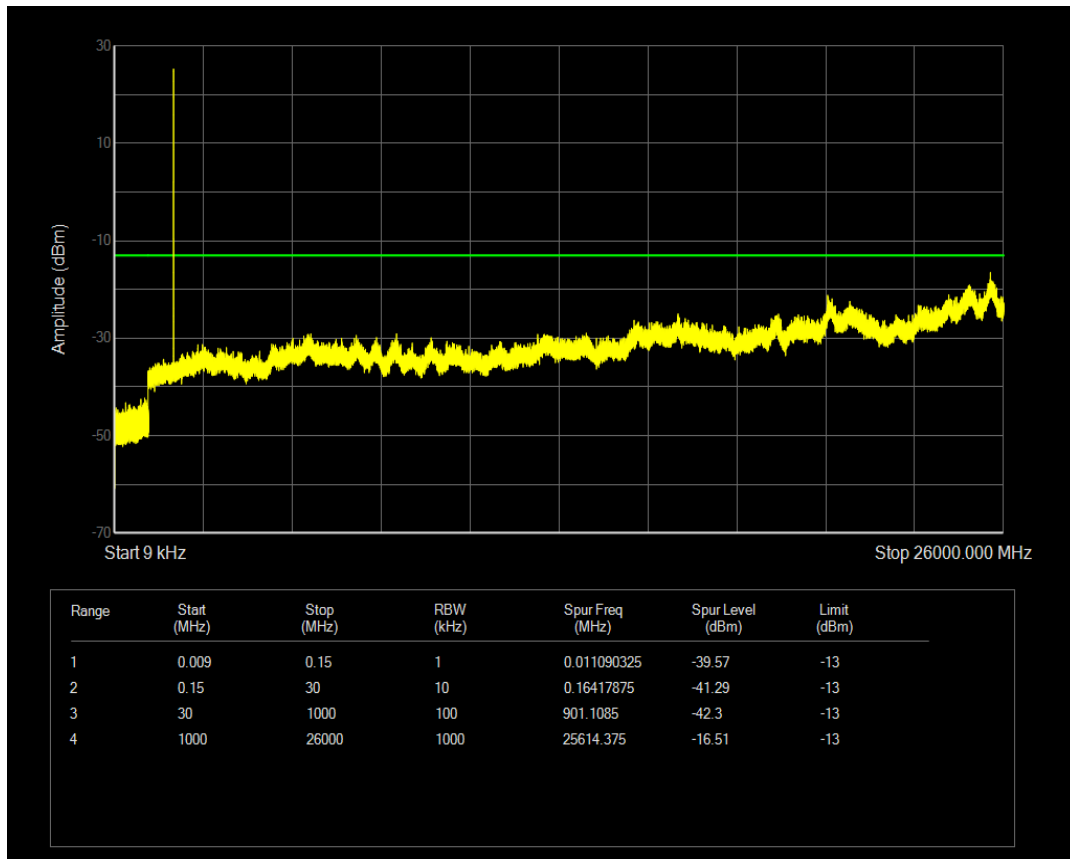
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



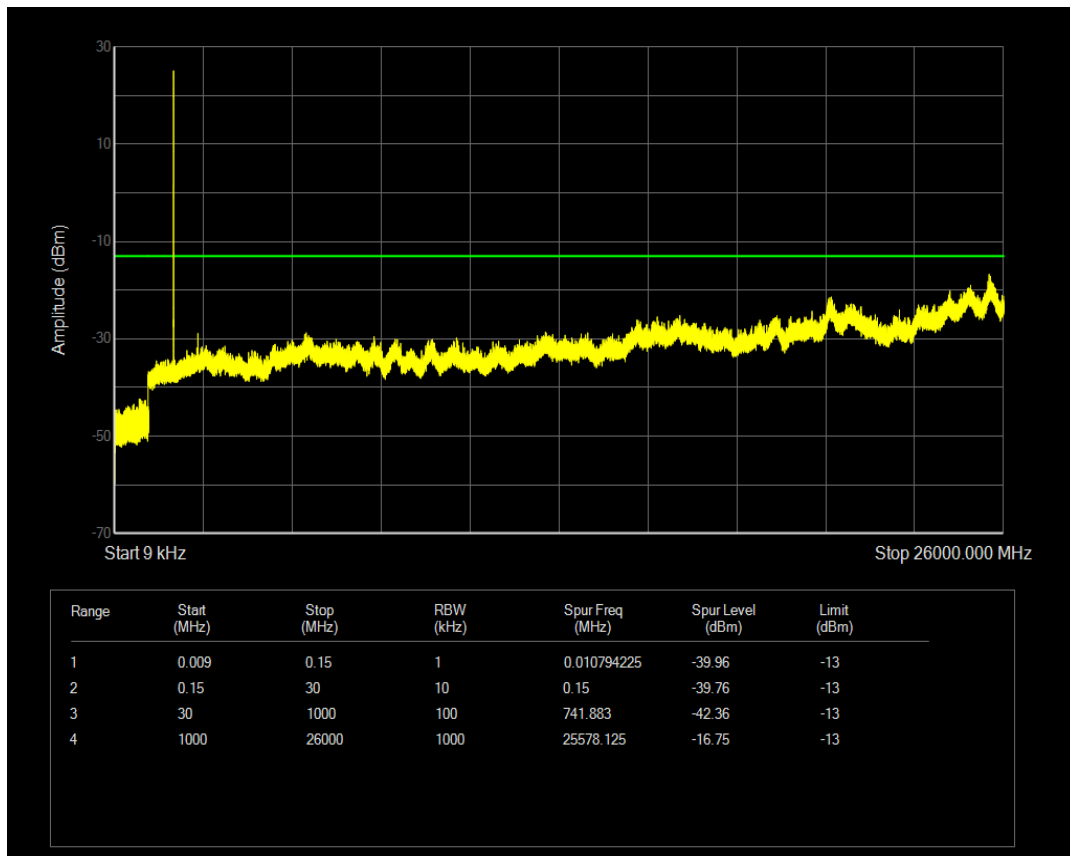
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0



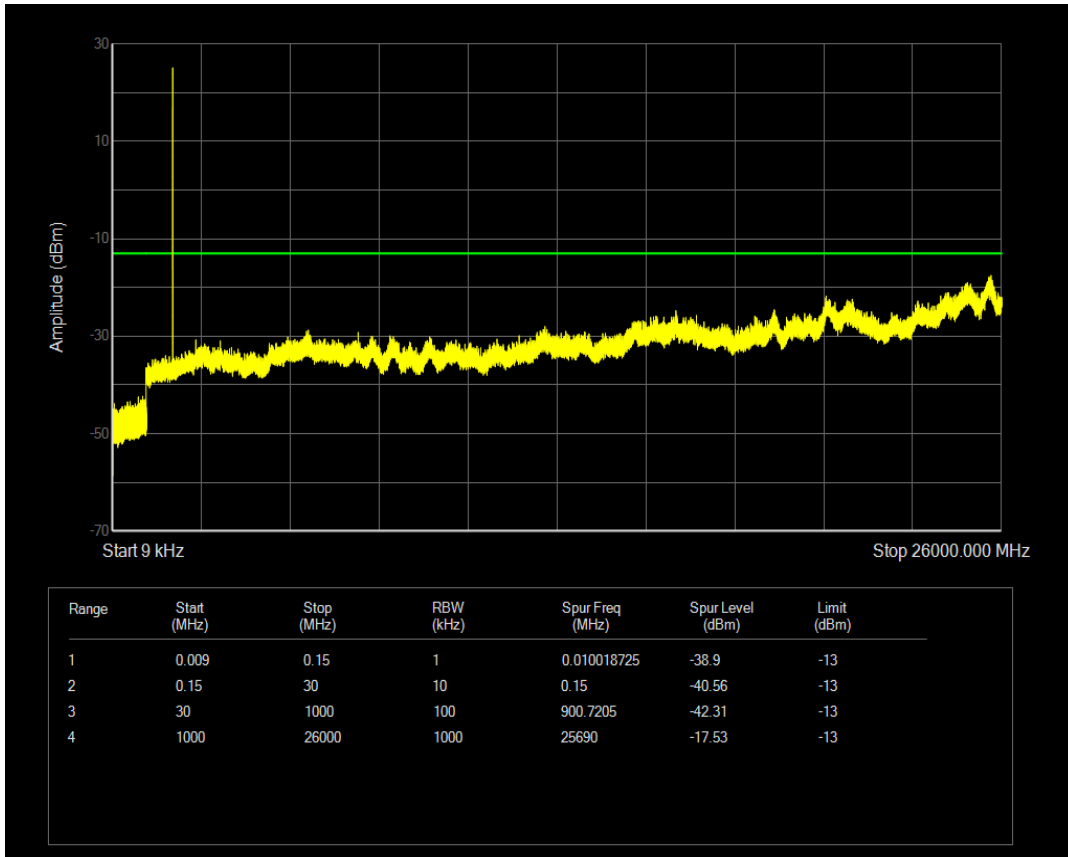
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



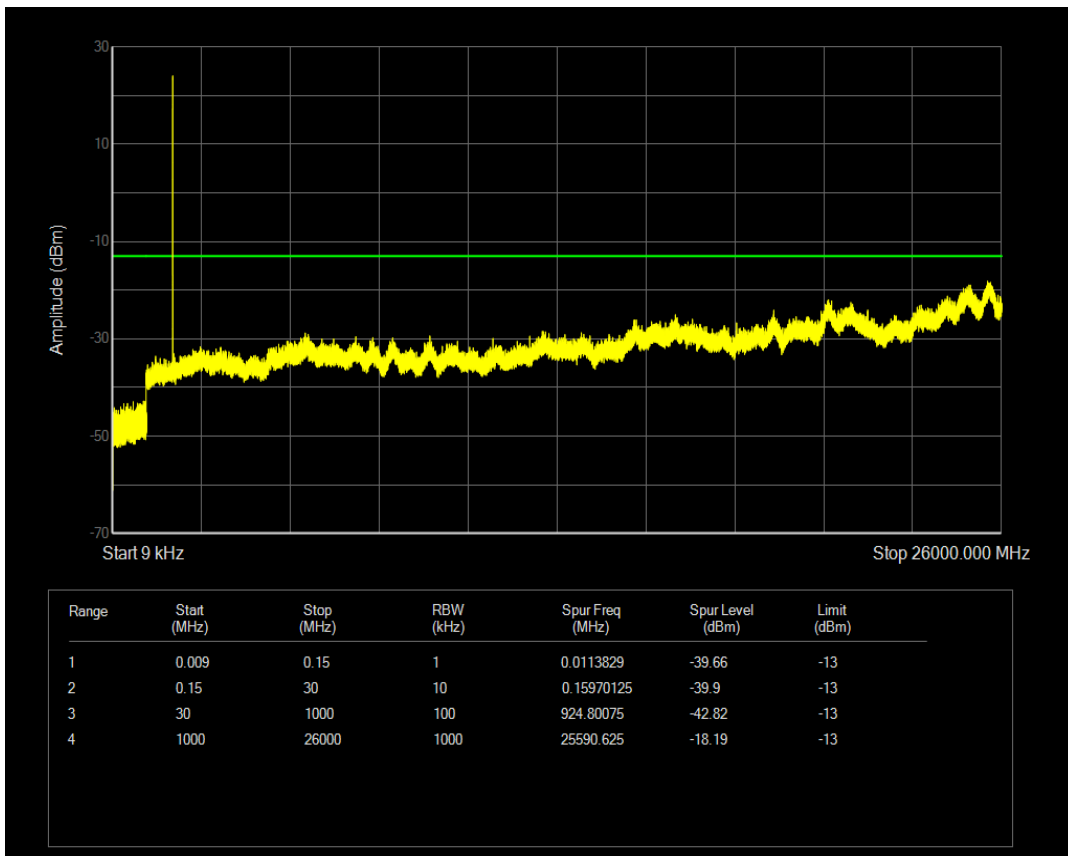
Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0



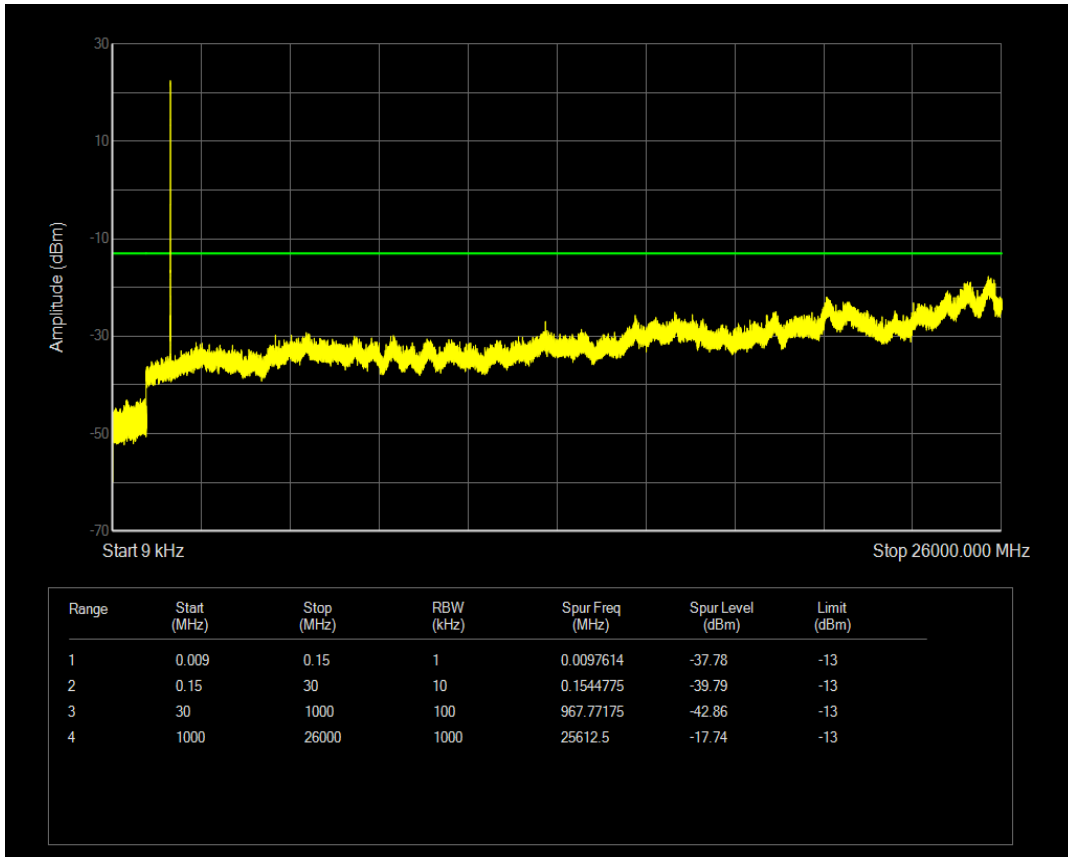
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



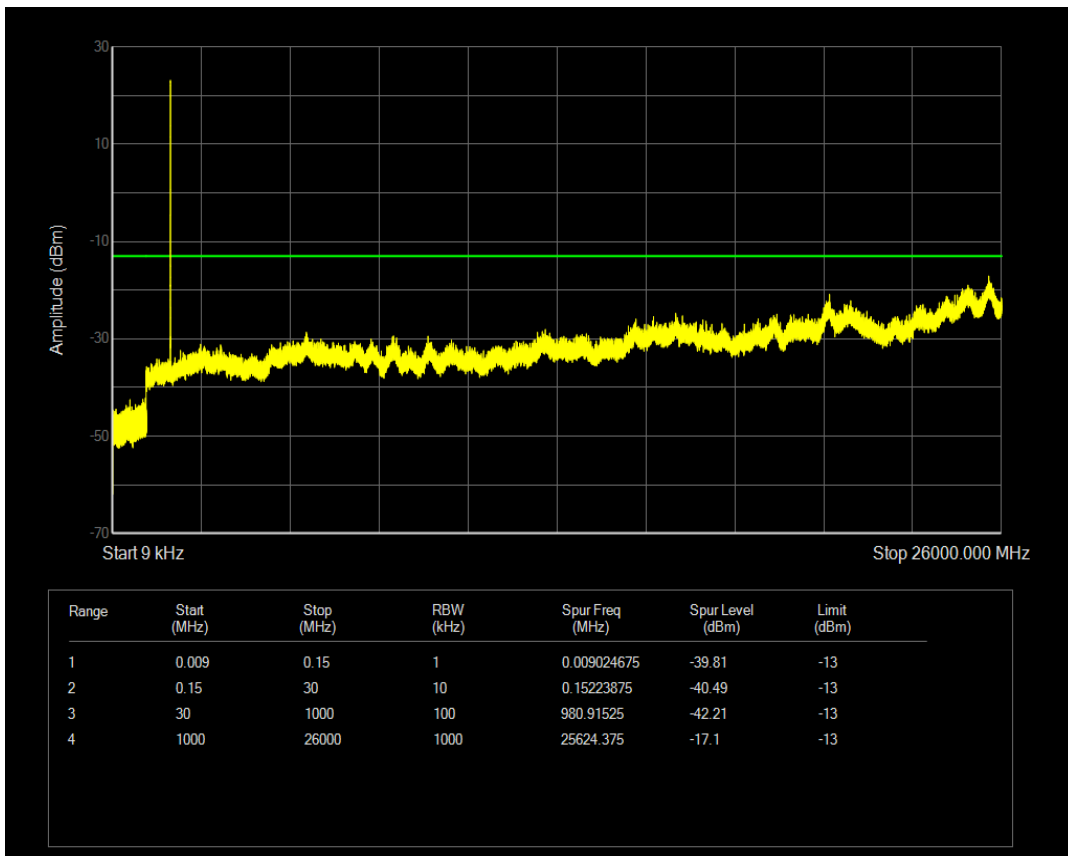
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0



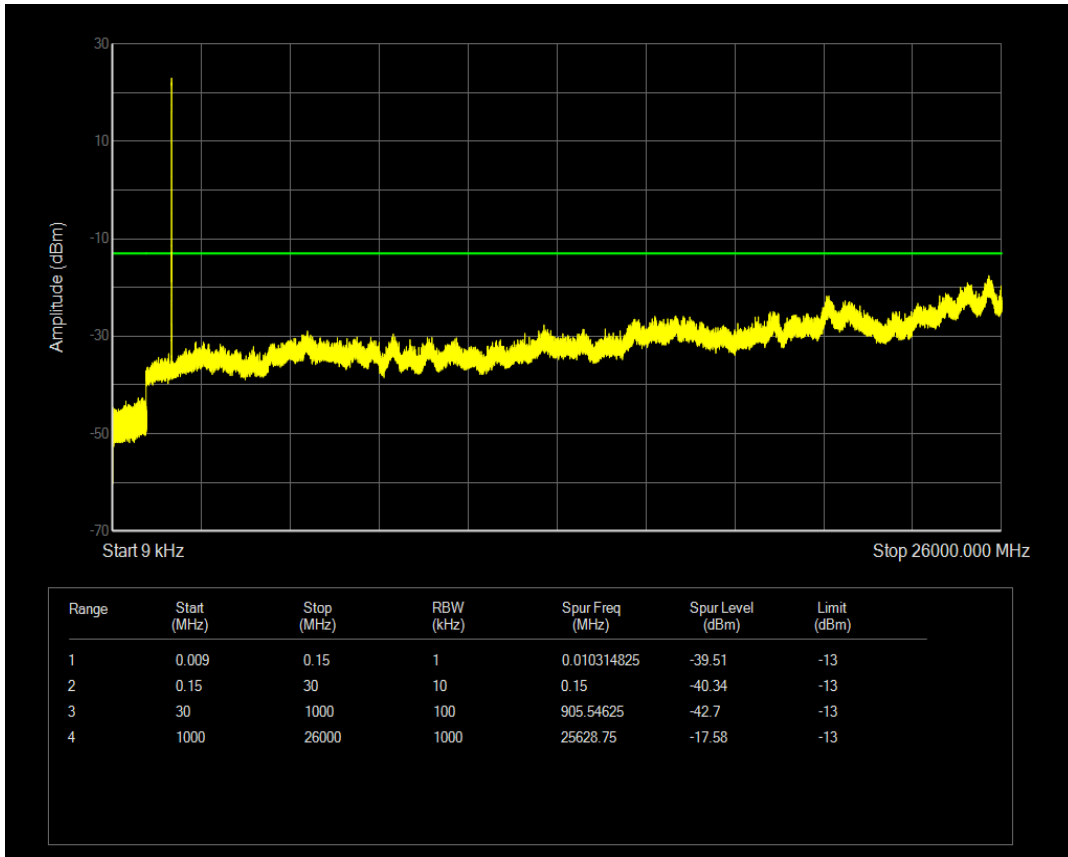
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



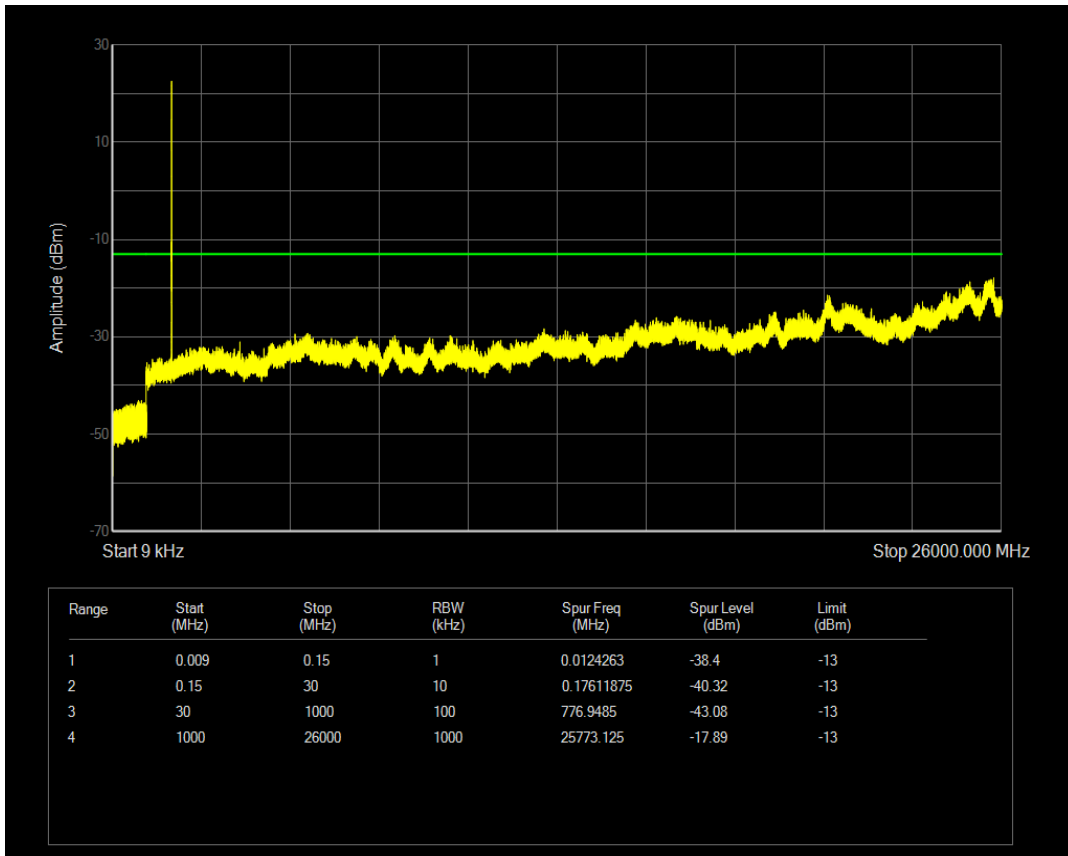
Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0



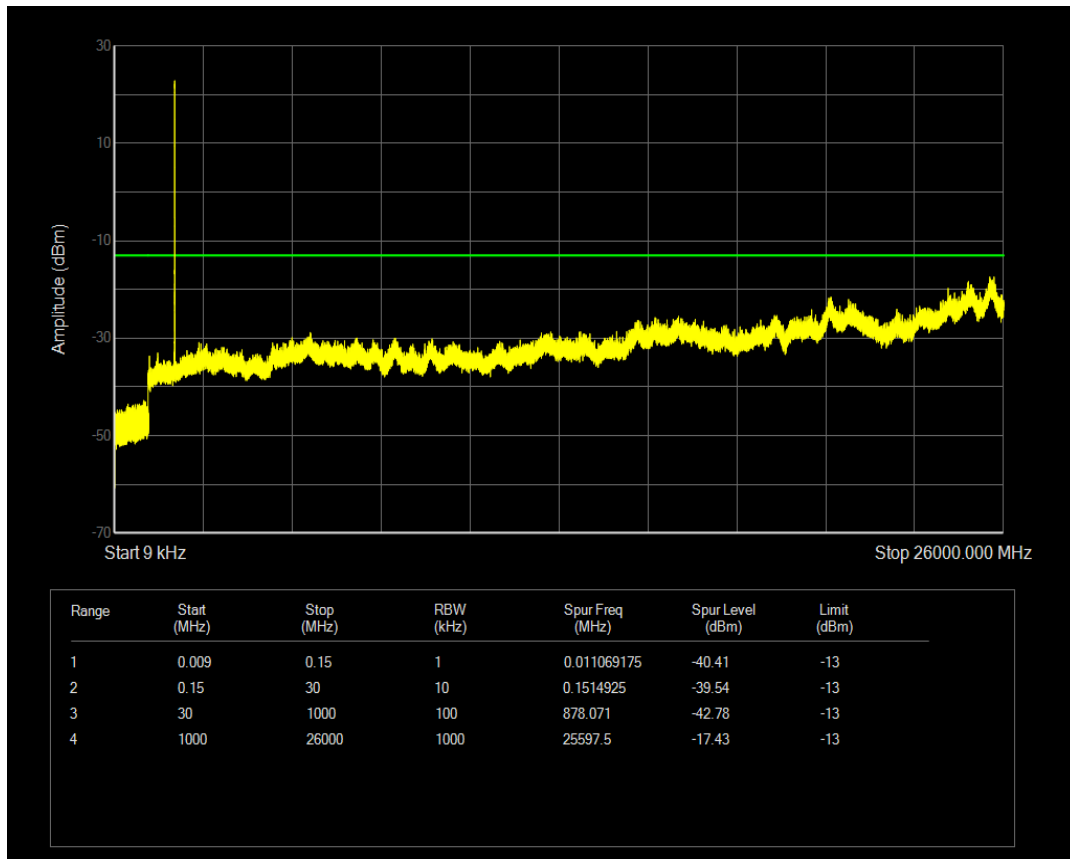
Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



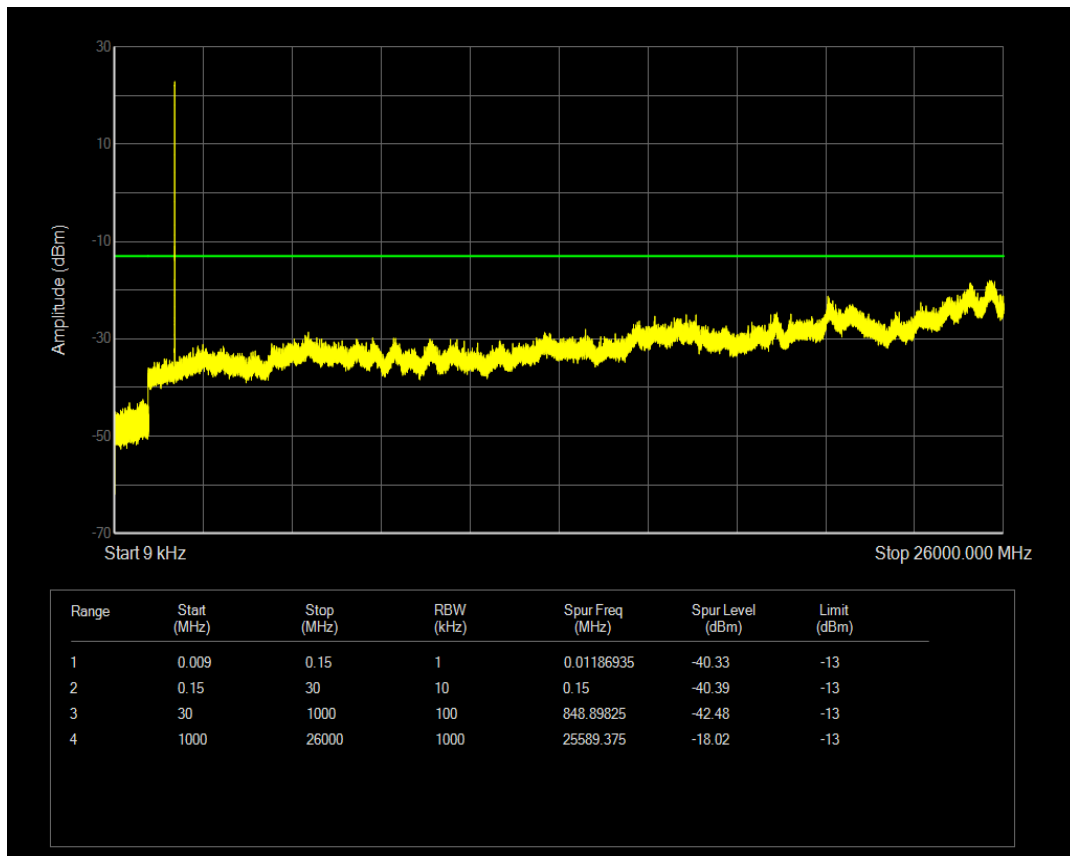
Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0



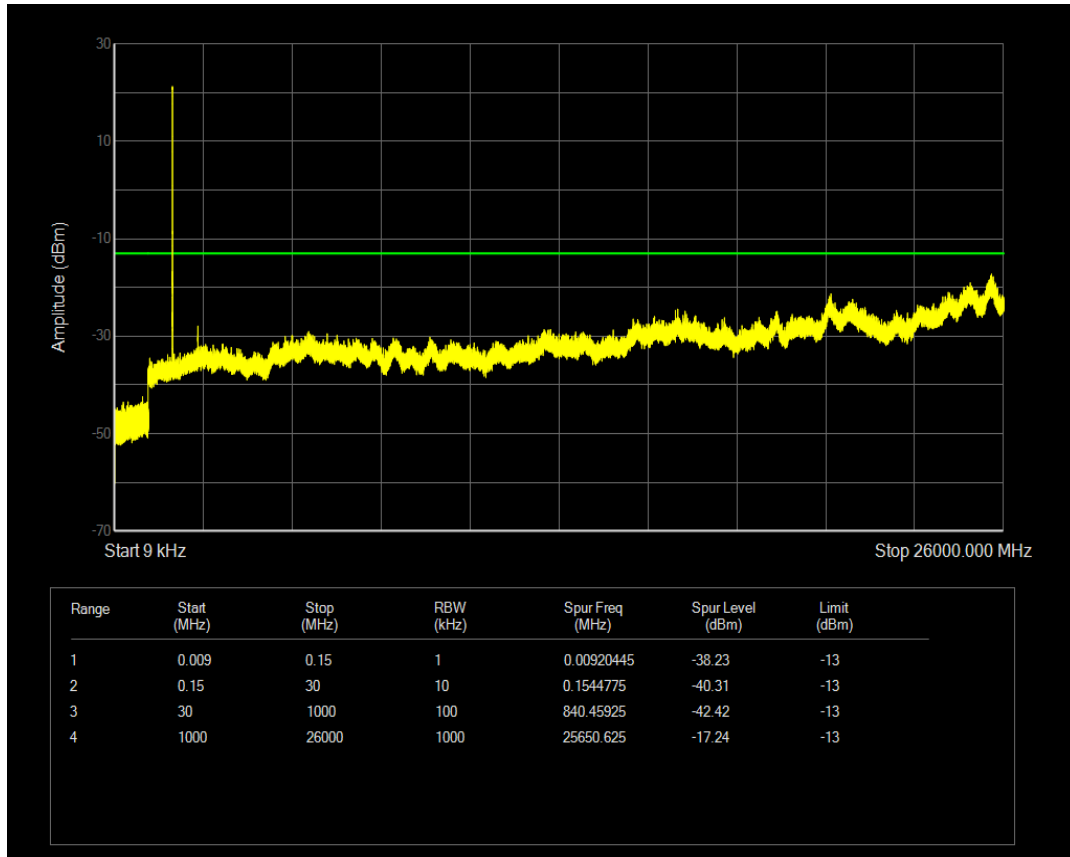
Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



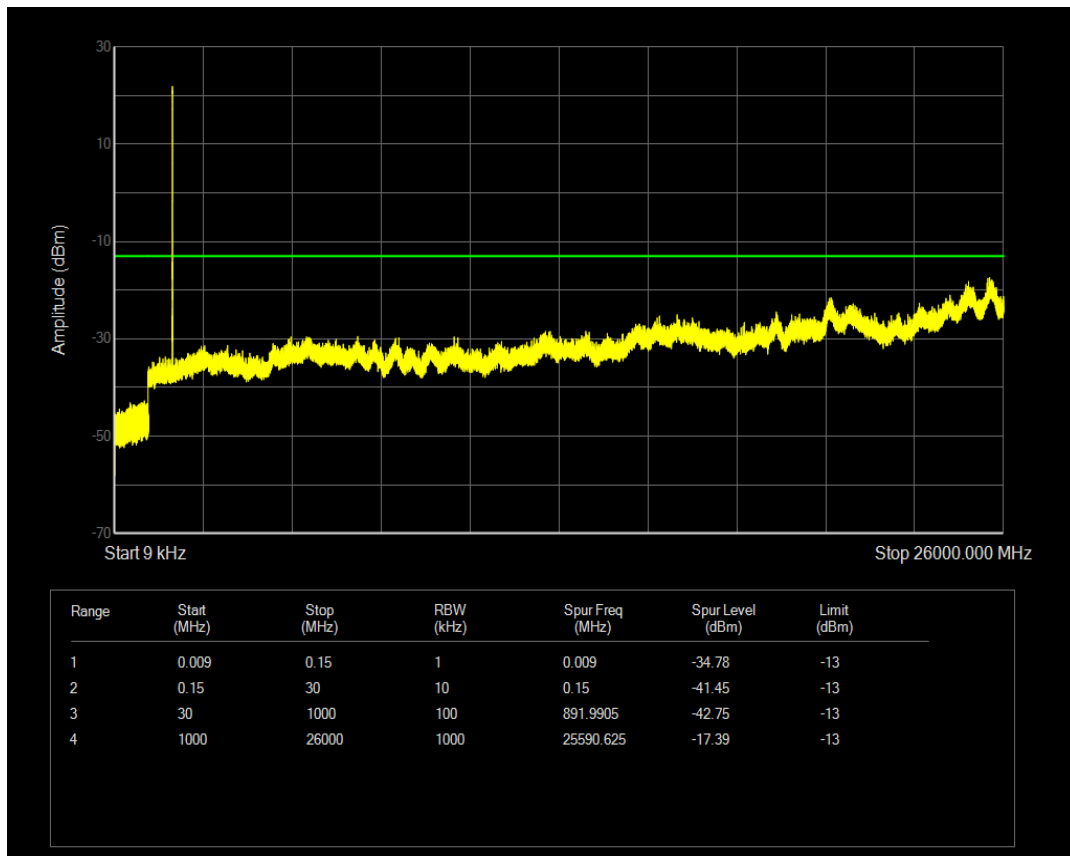
Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0



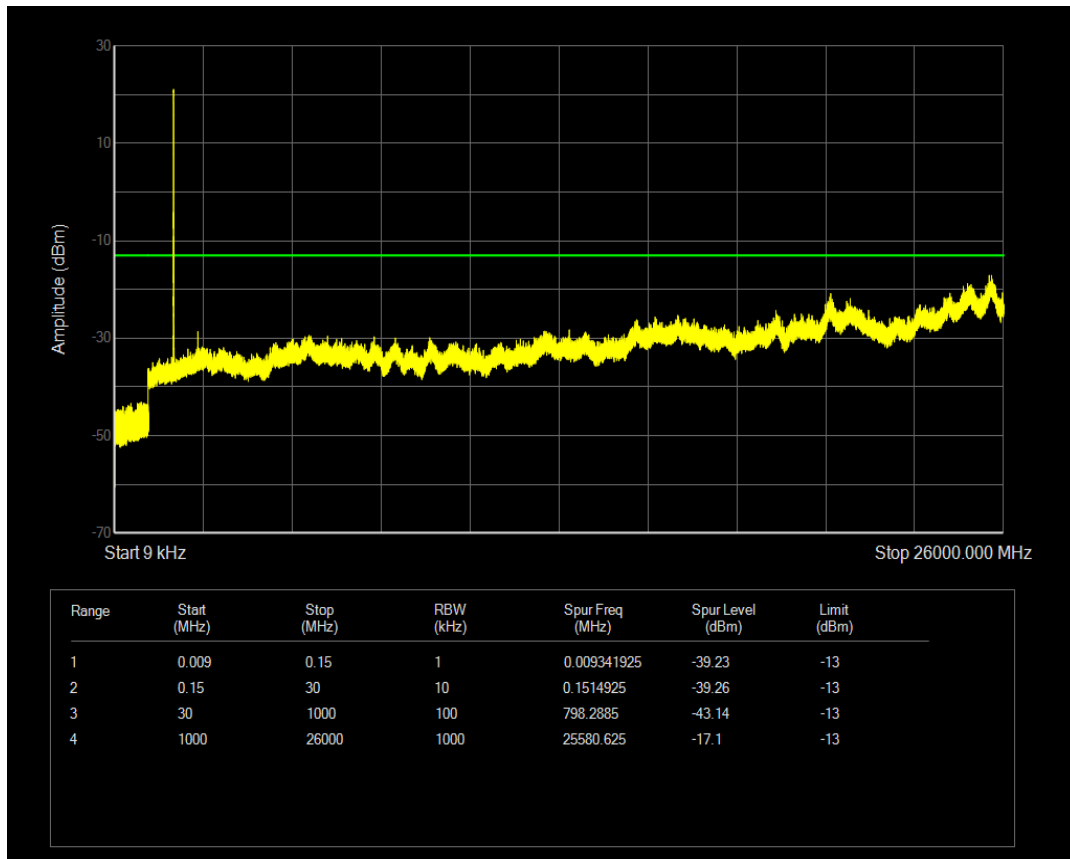
Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



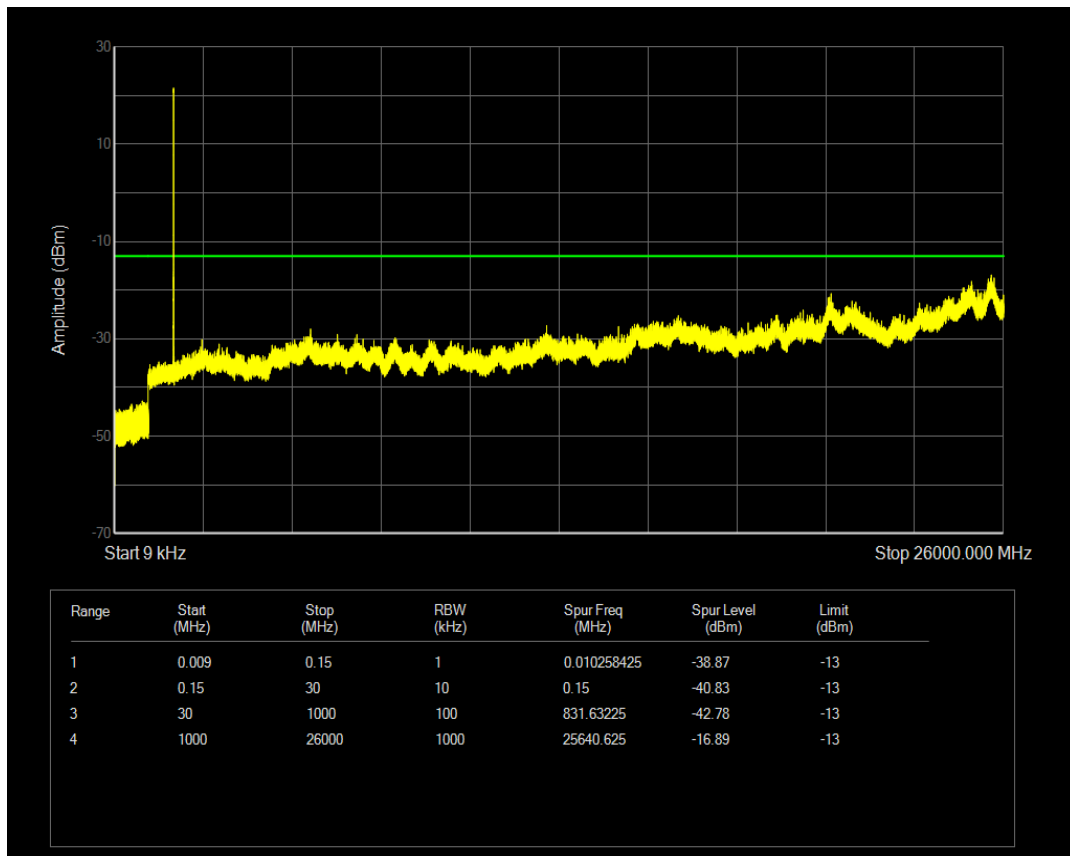
Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0



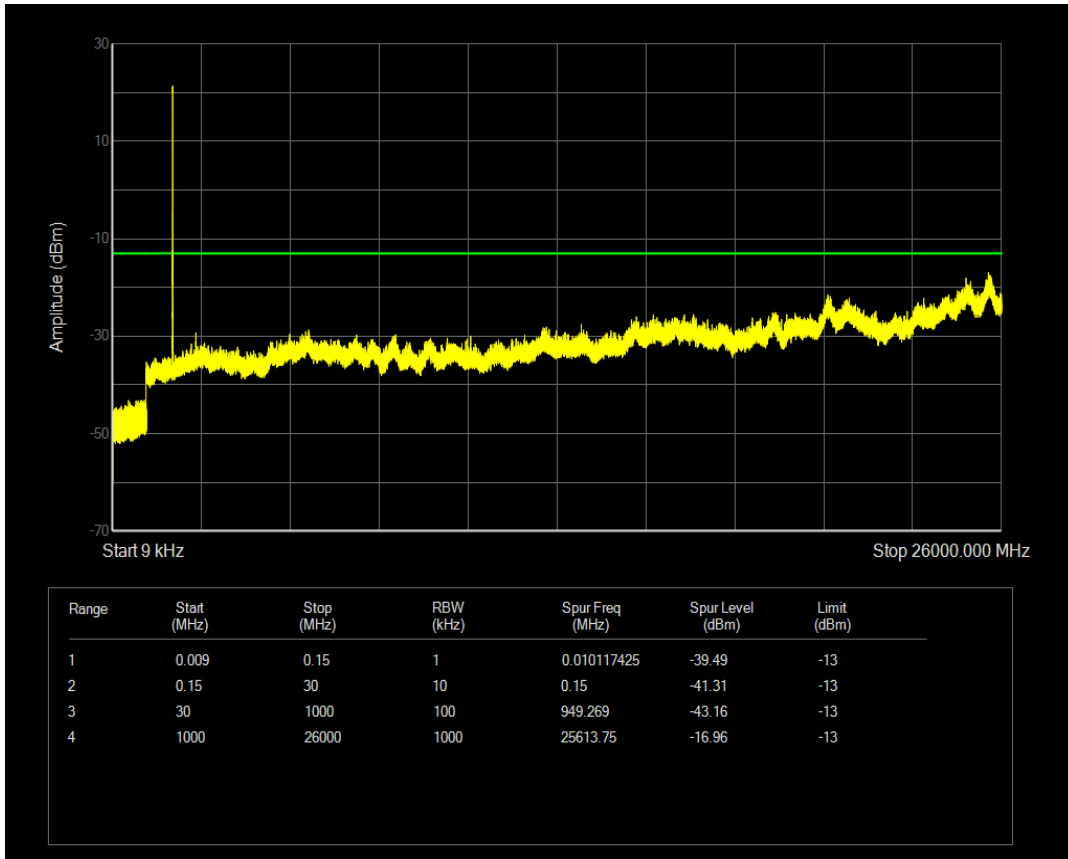
Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



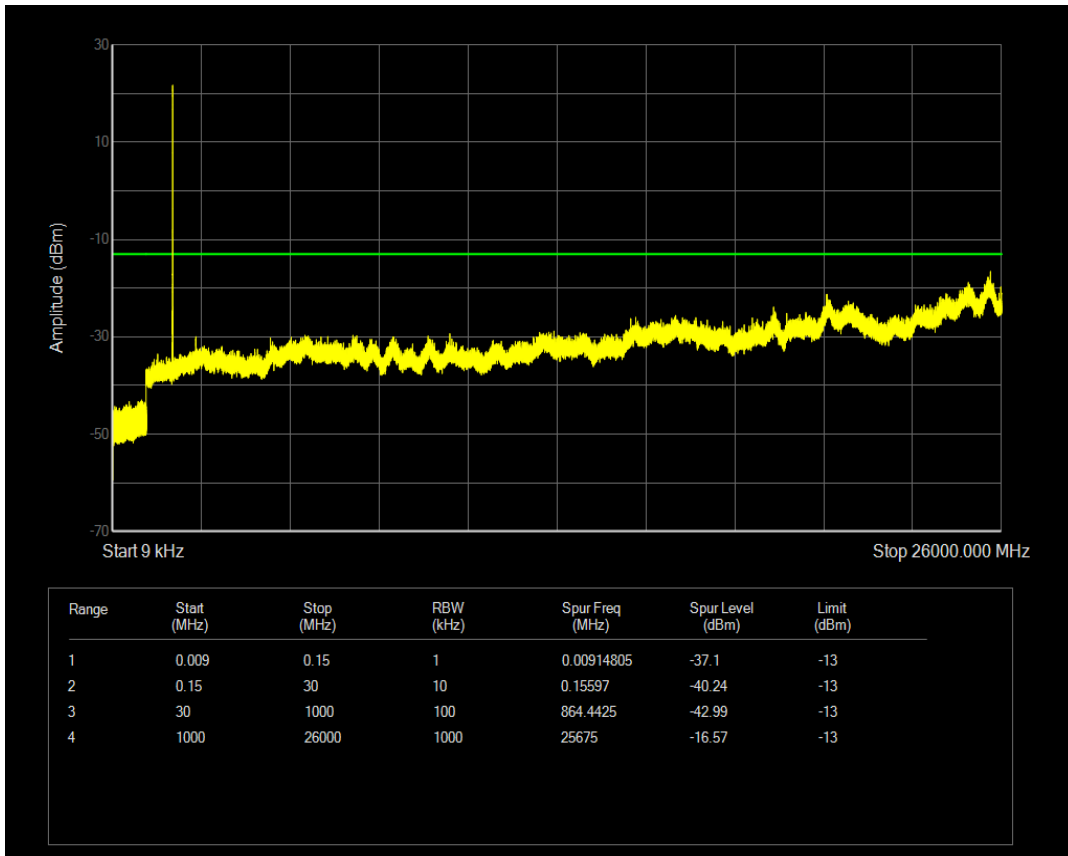
Band66 16QAM BW=5MHz Channel=132322 RB Size=25 Position=#0



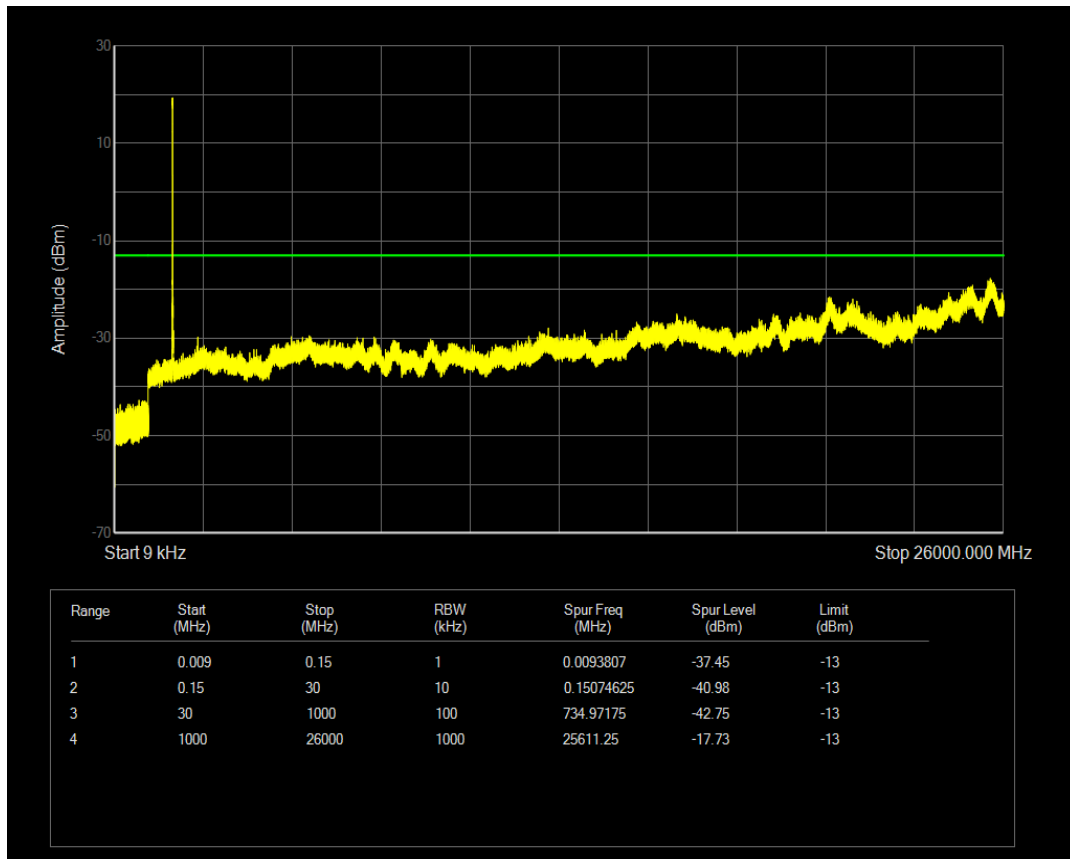
Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0



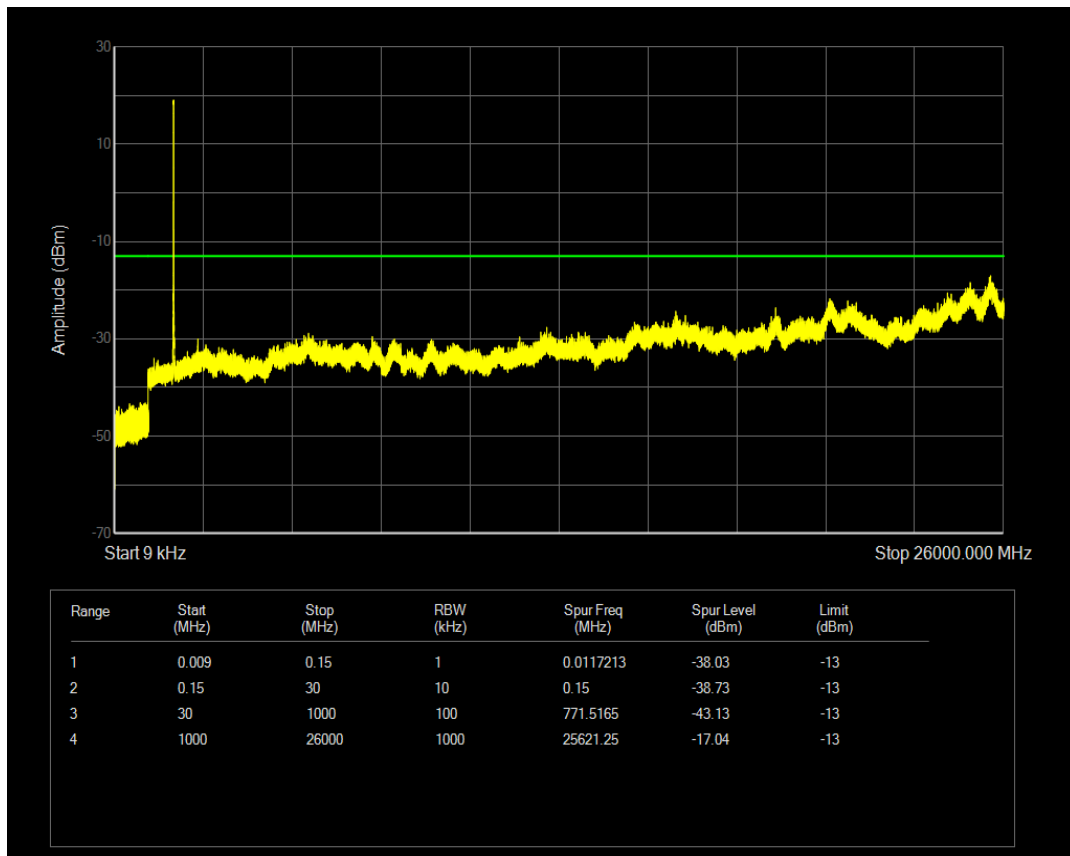
Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0



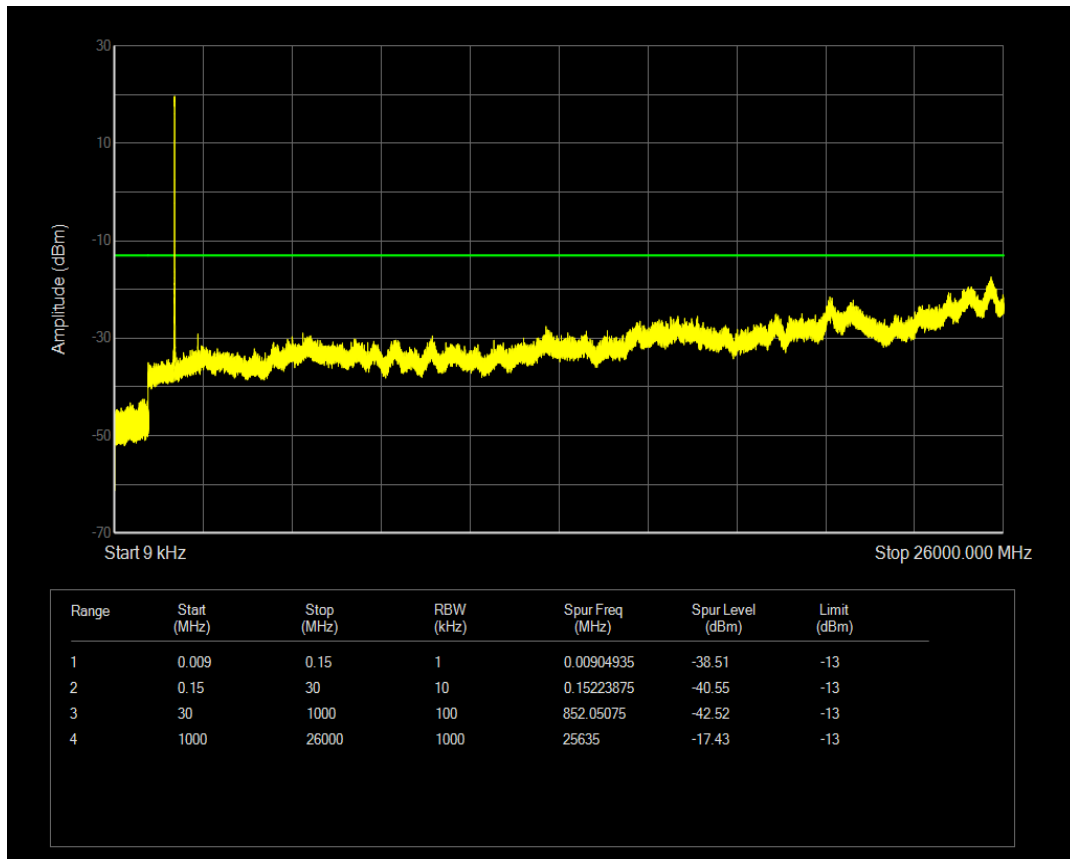
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



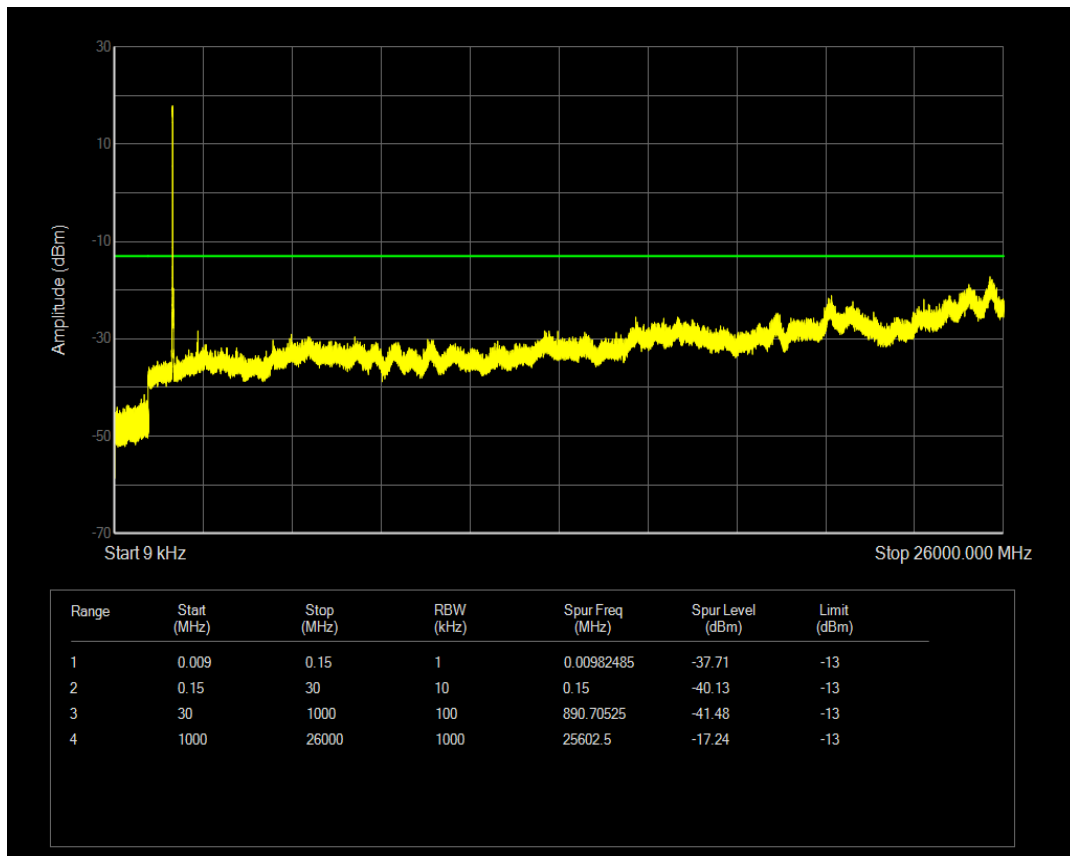
Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0



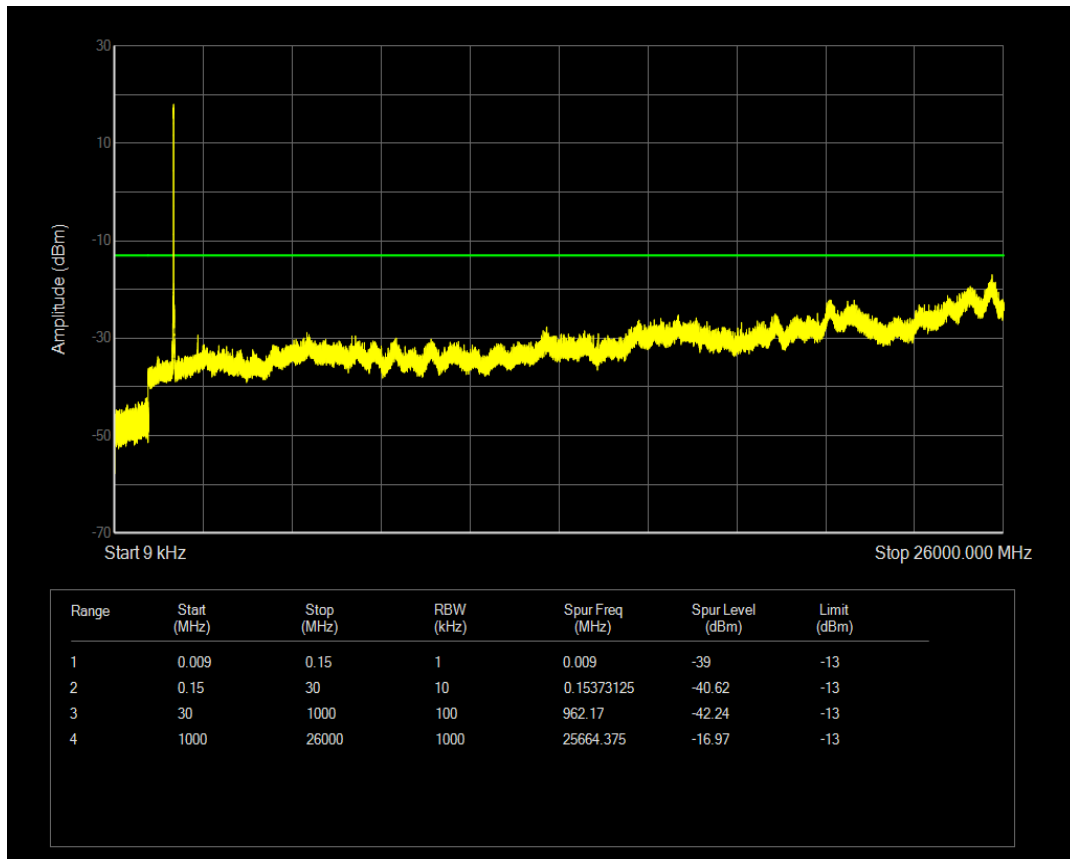
Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0



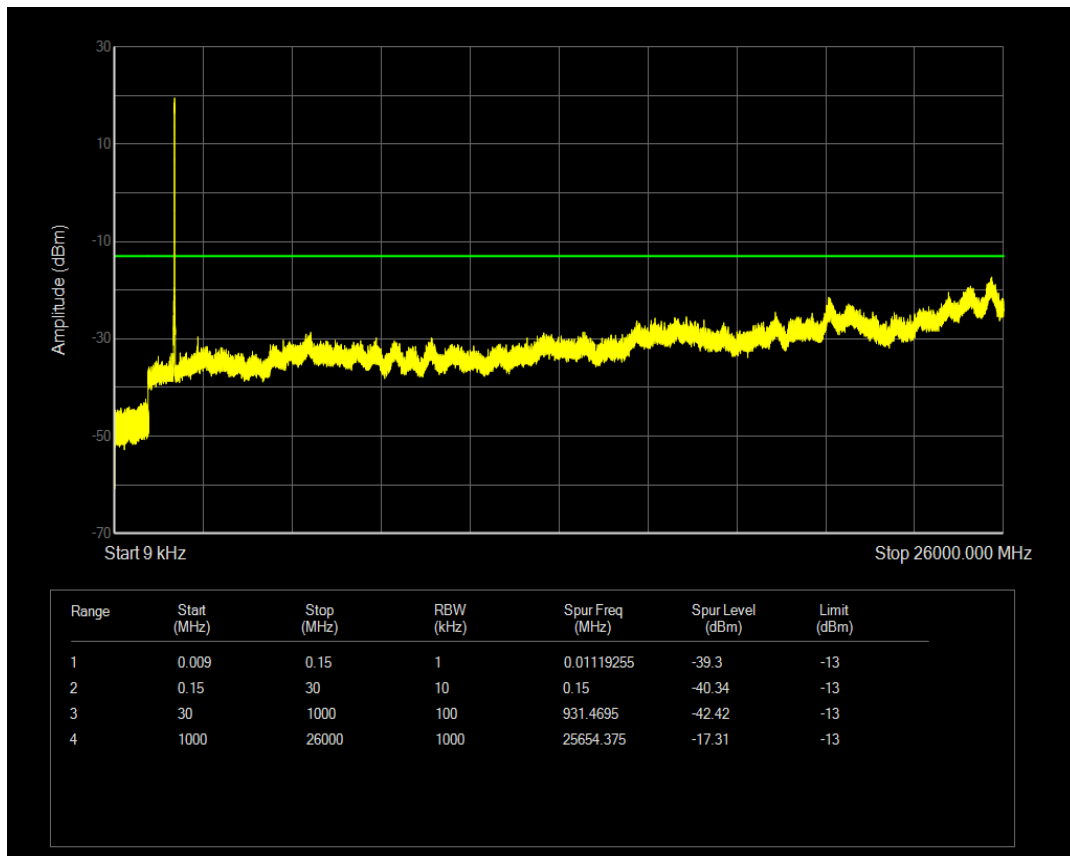
Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



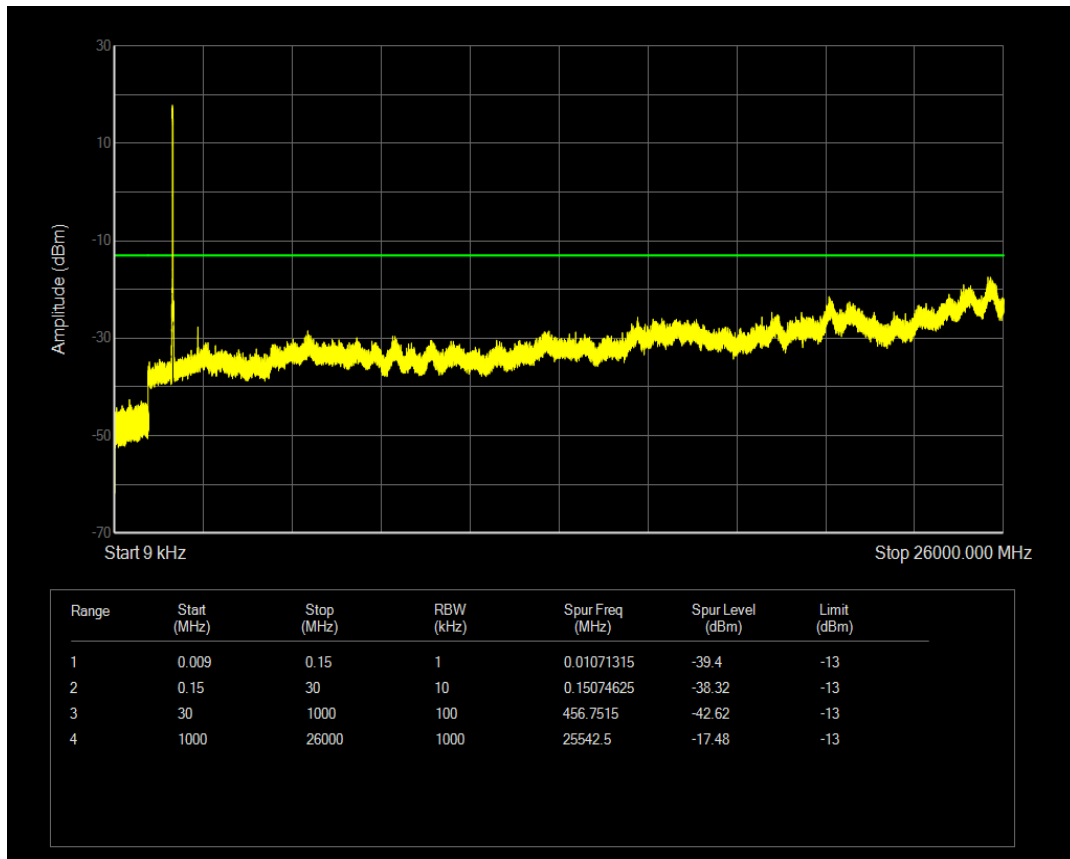
Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0



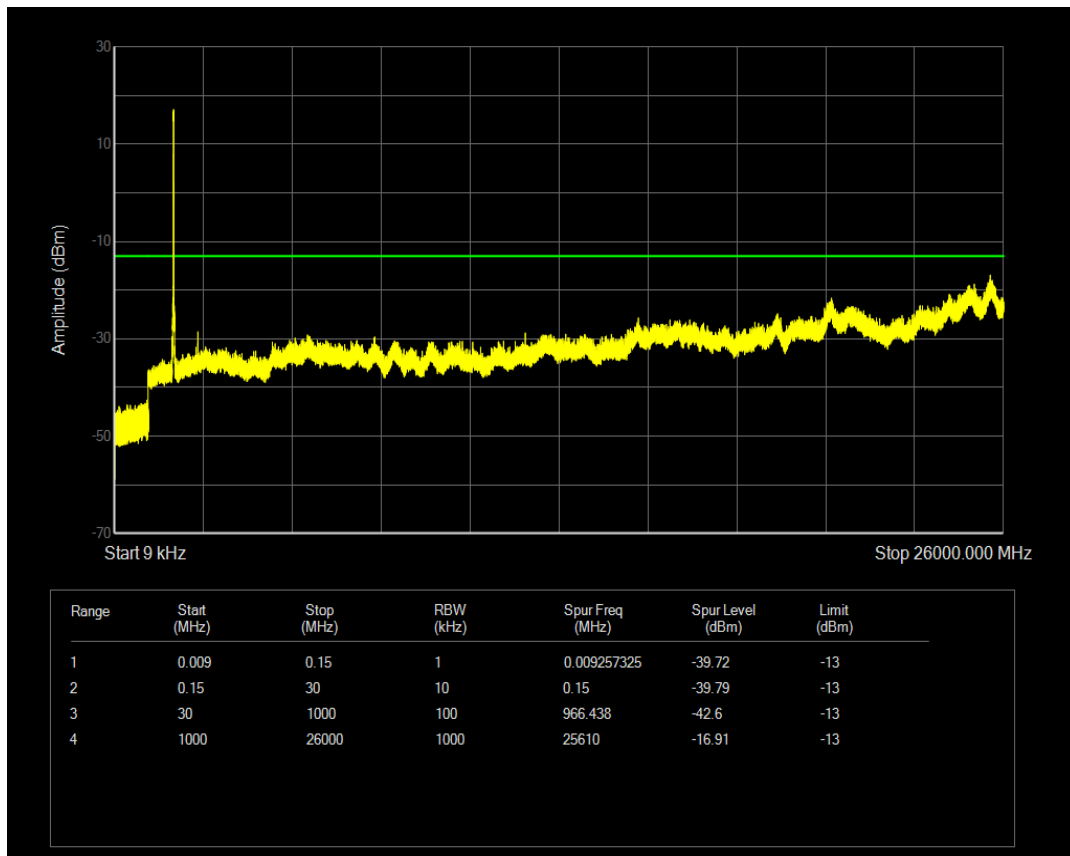
Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0



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

