

Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	23.20	PASS
Band5	1.4	20407	1	#Mid	QPSK	23.31	PASS
Band5	1.4	20407	1	#Max	QPSK	23.22	PASS
Band5	1.4	20407	3	#0	QPSK	23.09	PASS
Band5	1.4	20407	3	#Mid	QPSK	23.10	PASS
Band5	1.4	20407	3	#Max	QPSK	23.12	PASS
Band5	1.4	20407	6	#0	QPSK	22.14	PASS
Band5	1.4	20407	1	#0	16QAM	22.12	PASS
Band5	1.4	20407	1	#Mid	16QAM	22.13	PASS
Band5	1.4	20407	1	#Max	16QAM	22.04	PASS
Band5	1.4	20407	3	#0	16QAM	22.20	PASS
Band5	1.4	20407	3	#Mid	16QAM	22.27	PASS
Band5	1.4	20407	3	#Max	16QAM	22.19	PASS
Band5	1.4	20407	6	#0	16QAM	21.12	PASS
Band5	1.4	20525	1	#0	QPSK	23.09	PASS
Band5	1.4	20525	1	#Mid	QPSK	23.17	PASS
Band5	1.4	20525	1	#Max	QPSK	23.08	PASS
Band5	1.4	20525	3	#0	QPSK	23.09	PASS
Band5	1.4	20525	3	#Mid	QPSK	23.16	PASS
Band5	1.4	20525	3	#Max	QPSK	23.15	PASS
Band5	1.4	20525	6	#0	QPSK	22.25	PASS
Band5	1.4	20525	1	#0	16QAM	21.92	PASS
Band5	1.4	20525	1	#Mid	16QAM	21.94	PASS
Band5	1.4	20525	1	#Max	16QAM	21.93	PASS
Band5	1.4	20525	3	#0	16QAM	22.32	PASS
Band5	1.4	20525	3	#Mid	16QAM	22.32	PASS
Band5	1.4	20525	3	#Max	16QAM	22.19	PASS
Band5	1.4	20525	6	#0	16QAM	21.20	PASS
Band5	1.4	20643	1	#0	QPSK	23.26	PASS
Band5	1.4	20643	1	#Mid	QPSK	23.37	PASS
Band5	1.4	20643	1	#Max	QPSK	23.20	PASS
Band5	1.4	20643	3	#0	QPSK	23.16	PASS
Band5	1.4	20643	3	#Mid	QPSK	23.22	PASS
Band5	1.4	20643	3	#Max	QPSK	23.14	PASS
Band5	1.4	20643	6	#0	QPSK	22.22	PASS
Band5	1.4	20643	1	#0	16QAM	22.05	PASS
Band5	1.4	20643	1	#Mid	16QAM	22.13	PASS
Band5	1.4	20643	1	#Max	16QAM	22.02	PASS
Band5	1.4	20643	3	#0	16QAM	22.09	PASS
Band5	1.4	20643	3	#Mid	16QAM	22.23	PASS

Band5	1.4	20643	3	#Max	16QAM	22.13	PASS
Band5	1.4	20643	6	#0	16QAM	21.07	PASS
Band5	3	20415	1	#0	QPSK	23.11	PASS
Band5	3	20415	1	#Mid	QPSK	23.25	PASS
Band5	3	20415	1	#Max	QPSK	23.16	PASS
Band5	3	20415	8	#0	QPSK	22.17	PASS
Band5	3	20415	8	#Mid	QPSK	22.18	PASS
Band5	3	20415	8	#Max	QPSK	22.22	PASS
Band5	3	20415	15	#0	QPSK	22.20	PASS
Band5	3	20415	1	#0	16QAM	21.98	PASS
Band5	3	20415	1	#Mid	16QAM	22.24	PASS
Band5	3	20415	1	#Max	16QAM	22.08	PASS
Band5	3	20415	8	#0	16QAM	21.09	PASS
Band5	3	20415	8	#Mid	16QAM	21.14	PASS
Band5	3	20415	8	#Max	16QAM	21.21	PASS
Band5	3	20415	15	#0	16QAM	21.06	PASS
Band5	3	20525	1	#0	QPSK	23.14	PASS
Band5	3	20525	1	#Mid	QPSK	23.40	PASS
Band5	3	20525	1	#Max	QPSK	23.14	PASS
Band5	3	20525	8	#0	QPSK	22.22	PASS
Band5	3	20525	8	#Mid	QPSK	22.25	PASS
Band5	3	20525	8	#Max	QPSK	22.21	PASS
Band5	3	20525	15	#0	QPSK	22.22	PASS
Band5	3	20525	1	#0	16QAM	21.82	PASS
Band5	3	20525	1	#Mid	16QAM	22.29	PASS
Band5	3	20525	1	#Max	16QAM	21.92	PASS
Band5	3	20525	8	#0	16QAM	21.20	PASS
Band5	3	20525	8	#Mid	16QAM	21.27	PASS
Band5	3	20525	8	#Max	16QAM	21.20	PASS
Band5	3	20525	15	#0	16QAM	21.17	PASS
Band5	3	20635	1	#0	QPSK	23.21	PASS
Band5	3	20635	1	#Mid	QPSK	23.46	PASS
Band5	3	20635	1	#Max	QPSK	23.24	PASS
Band5	3	20635	8	#0	QPSK	22.21	PASS
Band5	3	20635	8	#Mid	QPSK	22.24	PASS
Band5	3	20635	8	#Max	QPSK	22.23	PASS
Band5	3	20635	15	#0	QPSK	22.23	PASS
Band5	3	20635	1	#0	16QAM	22.02	PASS
Band5	3	20635	1	#Mid	16QAM	22.22	PASS
Band5	3	20635	1	#Max	16QAM	22.01	PASS
Band5	3	20635	8	#0	16QAM	21.22	PASS
Band5	3	20635	8	#Mid	16QAM	21.14	PASS
Band5	3	20635	8	#Max	16QAM	21.09	PASS
Band5	3	20635	15	#0	16QAM	21.16	PASS

Band5	5	20425	1	#0	QPSK	22.96	PASS
Band5	5	20425	1	#Mid	QPSK	23.20	PASS
Band5	5	20425	1	#Max	QPSK	23.06	PASS
Band5	5	20425	12	#0	QPSK	22.12	PASS
Band5	5	20425	12	#Mid	QPSK	22.15	PASS
Band5	5	20425	12	#Max	QPSK	22.10	PASS
Band5	5	20425	25	#0	QPSK	22.20	PASS
Band5	5	20425	1	#0	16QAM	21.96	PASS
Band5	5	20425	1	#Mid	16QAM	22.00	PASS
Band5	5	20425	1	#Max	16QAM	21.86	PASS
Band5	5	20425	12	#0	16QAM	21.06	PASS
Band5	5	20425	12	#Mid	16QAM	21.05	PASS
Band5	5	20425	12	#Max	16QAM	21.06	PASS
Band5	5	20425	25	#0	16QAM	21.11	PASS
Band5	5	20525	1	#0	QPSK	23.06	PASS
Band5	5	20525	1	#Mid	QPSK	23.40	PASS
Band5	5	20525	1	#Max	QPSK	23.18	PASS
Band5	5	20525	12	#0	QPSK	22.20	PASS
Band5	5	20525	12	#Mid	QPSK	22.23	PASS
Band5	5	20525	12	#Max	QPSK	22.25	PASS
Band5	5	20525	25	#0	QPSK	22.28	PASS
Band5	5	20525	1	#0	16QAM	22.03	PASS
Band5	5	20525	1	#Mid	16QAM	22.28	PASS
Band5	5	20525	1	#Max	16QAM	21.96	PASS
Band5	5	20525	12	#0	16QAM	21.33	PASS
Band5	5	20525	12	#Mid	16QAM	21.37	PASS
Band5	5	20525	12	#Max	16QAM	21.28	PASS
Band5	5	20525	25	#0	16QAM	21.20	PASS
Band5	5	20625	1	#0	QPSK	23.21	PASS
Band5	5	20625	1	#Mid	QPSK	23.37	PASS
Band5	5	20625	1	#Max	QPSK	23.13	PASS
Band5	5	20625	12	#0	QPSK	22.29	PASS
Band5	5	20625	12	#Mid	QPSK	22.27	PASS
Band5	5	20625	12	#Max	QPSK	22.20	PASS
Band5	5	20625	25	#0	QPSK	22.21	PASS
Band5	5	20625	1	#0	16QAM	21.90	PASS
Band5	5	20625	1	#Mid	16QAM	22.37	PASS
Band5	5	20625	1	#Max	16QAM	22.01	PASS
Band5	5	20625	12	#0	16QAM	21.00	PASS
Band5	5	20625	12	#Mid	16QAM	21.13	PASS
Band5	5	20625	12	#Max	16QAM	21.09	PASS
Band5	5	20625	25	#0	16QAM	21.19	PASS
Band5	10	20450	1	#0	QPSK	23.15	PASS
Band5	10	20450	1	#Mid	QPSK	23.29	PASS

Band5	10	20450	1	#Max	QPSK	23.33	PASS
Band5	10	20450	25	#0	QPSK	22.22	PASS
Band5	10	20450	25	#Mid	QPSK	22.26	PASS
Band5	10	20450	25	#Max	QPSK	22.36	PASS
Band5	10	20450	50	#0	QPSK	22.30	PASS
Band5	10	20450	1	#0	16QAM	21.95	PASS
Band5	10	20450	1	#Mid	16QAM	22.20	PASS
Band5	10	20450	1	#Max	16QAM	21.94	PASS
Band5	10	20450	25	#0	16QAM	21.15	PASS
Band5	10	20450	25	#Mid	16QAM	21.20	PASS
Band5	10	20450	25	#Max	16QAM	21.17	PASS
Band5	10	20450	50	#0	16QAM	21.25	PASS
Band5	10	20525	1	#0	QPSK	23.15	PASS
Band5	10	20525	1	#Mid	QPSK	23.24	PASS
Band5	10	20525	1	#Max	QPSK	23.15	PASS
Band5	10	20525	25	#0	QPSK	22.22	PASS
Band5	10	20525	25	#Mid	QPSK	22.29	PASS
Band5	10	20525	25	#Max	QPSK	22.25	PASS
Band5	10	20525	50	#0	QPSK	22.29	PASS
Band5	10	20525	1	#0	16QAM	21.93	PASS
Band5	10	20525	1	#Mid	16QAM	22.06	PASS
Band5	10	20525	1	#Max	16QAM	22.00	PASS
Band5	10	20525	25	#0	16QAM	21.22	PASS
Band5	10	20525	25	#Mid	16QAM	21.21	PASS
Band5	10	20525	25	#Max	16QAM	21.26	PASS
Band5	10	20525	50	#0	16QAM	21.20	PASS
Band5	10	20600	1	#0	QPSK	23.26	PASS
Band5	10	20600	1	#Mid	QPSK	23.23	PASS
Band5	10	20600	1	#Max	QPSK	23.26	PASS
Band5	10	20600	25	#0	QPSK	22.27	PASS
Band5	10	20600	25	#Mid	QPSK	22.17	PASS
Band5	10	20600	25	#Max	QPSK	22.23	PASS
Band5	10	20600	50	#0	QPSK	22.18	PASS
Band5	10	20600	1	#0	16QAM	22.05	PASS
Band5	10	20600	1	#Mid	16QAM	22.14	PASS
Band5	10	20600	1	#Max	16QAM	21.97	PASS
Band5	10	20600	25	#0	16QAM	21.17	PASS
Band5	10	20600	25	#Mid	16QAM	21.19	PASS
Band5	10	20600	25	#Max	16QAM	21.19	PASS
Band5	10	20600	50	#0	16QAM	21.17	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band5	1.4	20407	6	#0	QPSK	LV	NT	-1.04	-0.001	-2.5	2.5	PASS
Band5	1.4	20407	6	#0	QPSK	NV	NT	-0.70	-0.001	-2.5	2.5	PASS
Band5	1.4	20407	6	#0	QPSK	HV	NT	-0.13	0.000	-2.5	2.5	PASS
Band5	1.4	20407	6	#0	16QAM	LV	NT	-1.02	-0.001	-2.5	2.5	PASS
Band5	1.4	20407	6	#0	16QAM	NV	NT	-2.36	-0.003	-2.5	2.5	PASS
Band5	1.4	20407	6	#0	16QAM	HV	NT	-0.67	-0.001	-2.5	2.5	PASS
Band5	1.4	20525	6	#0	QPSK	LV	NT	-1.80	-0.002	-2.5	2.5	PASS
Band5	1.4	20525	6	#0	QPSK	NV	NT	-0.21	0.000	-2.5	2.5	PASS
Band5	1.4	20525	6	#0	QPSK	HV	NT	-1.37	-0.002	-2.5	2.5	PASS
Band5	1.4	20525	6	#0	16QAM	LV	NT	-0.30	0.000	-2.5	2.5	PASS
Band5	1.4	20525	6	#0	16QAM	NV	NT	-0.17	0.000	-2.5	2.5	PASS
Band5	1.4	20525	6	#0	16QAM	HV	NT	-0.21	0.000	-2.5	2.5	PASS
Band5	1.4	20643	6	#0	QPSK	LV	NT	-1.62	-0.002	-2.5	2.5	PASS
Band5	1.4	20643	6	#0	QPSK	NV	NT	-0.21	0.000	-2.5	2.5	PASS
Band5	1.4	20643	6	#0	QPSK	HV	NT	0.27	0.000	-2.5	2.5	PASS
Band5	1.4	20643	6	#0	16QAM	LV	NT	-0.77	-0.001	-2.5	2.5	PASS
Band5	1.4	20643	6	#0	16QAM	NV	NT	0.21	0.000	-2.5	2.5	PASS
Band5	1.4	20643	6	#0	16QAM	HV	NT	1.27	0.001	-2.5	2.5	PASS

Ban d5	3	20415	15	#0	QPSK	LV	NT	-0.2 3	0.00 0	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	QPSK	NV	NT	-0.9 7	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	QPSK	HV	NT	-0.3 0	0.00 0	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	16QAM	LV	NT	-1.2 4	-0.0 02	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	16QAM	NV	NT	0.34	0.00 0	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	16QAM	HV	NT	0.17	0.00 0	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	QPSK	LV	NT	-0.7 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	QPSK	NV	NT	-0.9 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	QPSK	HV	NT	-0.1 4	0.00 0	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	16QAM	LV	NT	-1.3 7	-0.0 02	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	16QAM	NV	NT	-0.1 6	0.00 0	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	16QAM	HV	NT	-1.1 6	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	QPSK	LV	NT	-2.1 3	-0.0 03	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	QPSK	NV	NT	-2.4 6	-0.0 03	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	QPSK	HV	NT	-1.2 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	16QAM	LV	NT	-1.4 4	-0.0 02	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	16QAM	NV	NT	-1.3 9	-0.0 02	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	16QAM	HV	NT	-1.2 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	QPSK	LV	NT	-1.5 4	-0.0 02	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	QPSK	NV	NT	-2.1 5	-0.0 03	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	QPSK	HV	NT	-2.2 9	-0.0 03	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	16QAM	LV	NT	-1.6 0	-0.0 02	-2.5	2.5	PAS S

Ban d5	5	20425	25	#0	16QAM	NV	NT	-2.5 6	-0.0 03	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	16QAM	HV	NT	-0.7 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20525	25	#0	QPSK	LV	NT	-0.3 6	0.00 0	-2.5	2.5	PAS S
Ban d5	5	20525	25	#0	QPSK	NV	NT	-0.7 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20525	25	#0	QPSK	HV	NT	0.01	0.00 0	-2.5	2.5	PAS S
Ban d5	5	20525	25	#0	16QAM	LV	NT	-0.7 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20525	25	#0	16QAM	NV	NT	-2.1 2	-0.0 03	-2.5	2.5	PAS S
Ban d5	5	20525	25	#0	16QAM	HV	NT	-1.8 9	-0.0 02	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	QPSK	LV	NT	-0.8 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	QPSK	NV	NT	0.63	0.00 1	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	QPSK	HV	NT	-0.8 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	16QAM	LV	NT	-0.5 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	16QAM	NV	NT	0.30	0.00 0	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	16QAM	HV	NT	-0.6 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	QPSK	LV	NT	-2.0 2	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	QPSK	NV	NT	-0.4 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	QPSK	HV	NT	-1.0 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	16QAM	LV	NT	-1.2 7	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	16QAM	NV	NT	-0.7 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	16QAM	HV	NT	-1.4 3	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	QPSK	LV	NT	-0.4 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	QPSK	NV	NT	-0.6 6	-0.0 01	-2.5	2.5	PAS S

Ban d5	10	20525	50	#0	QPSK	HV	NT	-1.4 3	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	16QAM	LV	NT	-1.6 6	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	16QAM	NV	NT	-1.0 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	16QAM	HV	NT	-1.4 7	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	QPSK	LV	NT	-1.6 0	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	QPSK	NV	NT	-0.5 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	QPSK	HV	NT	-0.8 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	16QAM	LV	NT	-0.6 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	16QAM	NV	NT	-0.4 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	16QAM	HV	NT	-0.3 0	0.00 0	-2.5	2.5	PAS S

Ban d	Bandwi dth (MHz)	UL Chann el	RB Siz e	RB Positi on	Modulati on	Volta ge (Vdc)	Temperat ue (C)	Res ult (Hz)	Res ult (pp m)	Low Limi t (pp m)	high Limi t (pp m)	Verdi ct
Ban d5	1.4	20407	6	#0	QPSK	NV	-30	-2.3 5	-0.0 03	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	QPSK	NV	-20	-1.7 9	-0.0 02	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	QPSK	NV	-10	-1.5 9	-0.0 02	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	QPSK	NV	0	-1.8 9	-0.0 02	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	QPSK	NV	10	-1.6 7	-0.0 02	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	QPSK	NV	20	-2.0 2	-0.0 02	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	QPSK	NV	30	-2.1 3	-0.0 03	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	QPSK	NV	40	-2.6 2	-0.0 03	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	QPSK	NV	50	-1.8 0	-0.0 02	-2.5	2.5	PAS S

Ban d5	1.4	20407	6	#0	16QAM	NV	-30	-1.6 5	-0.0 02	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	16QAM	NV	-20	-2.2 0	-0.0 03	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	16QAM	NV	-10	-2.2 3	-0.0 03	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	16QAM	NV	0	-1.4 0	-0.0 02	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	16QAM	NV	10	-2.3 9	-0.0 03	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	16QAM	NV	20	-2.0 6	-0.0 02	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	16QAM	NV	30	-1.9 6	-0.0 02	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	16QAM	NV	40	-1.7 3	-0.0 02	-2.5	2.5	PAS S
Ban d5	1.4	20407	6	#0	16QAM	NV	50	-1.6 7	-0.0 02	-2.5	2.5	PAS S
Ban d5	1.4	20525	6	#0	QPSK	NV	-30	-0.7 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20525	6	#0	QPSK	NV	-20	-0.9 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20525	6	#0	QPSK	NV	-10	-0.8 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20525	6	#0	QPSK	NV	0	-0.7 7	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20525	6	#0	QPSK	NV	10	-0.2 7	0.00 0	-2.5	2.5	PAS S
Ban d5	1.4	20525	6	#0	QPSK	NV	20	-1.0 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20525	6	#0	QPSK	NV	30	-1.2 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20525	6	#0	QPSK	NV	40	-1.5 0	-0.0 02	-2.5	2.5	PAS S
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Ban d5	1.4	20525	6	#0	16QAM	NV	10	-1.0 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20525	6	#0	16QAM	NV	20	-0.6 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20525	6	#0	16QAM	NV	30	-0.1 3	0.00 0	-2.5	2.5	PAS S
Ban d5	1.4	20525	6	#0	16QAM	NV	40	-0.9 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20525	6	#0	16QAM	NV	50	-0.8 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	QPSK	NV	-30	-0.8 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	QPSK	NV	-20	-0.2 4	0.00 0	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	QPSK	NV	-10	-0.9 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	QPSK	NV	0	-0.6 2	-0.0 01	-2.5	2.5	PAS S
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Ban d5	1.4	20643	6	#0	QPSK	NV	20	-0.8 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	QPSK	NV	30	-0.4 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	QPSK	NV	40	-0.0 4	0.00 0	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	QPSK	NV	50	-0.5 6	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	16QAM	NV	-30	-0.7 6	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	16QAM	NV	-20	-0.9 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	16QAM	NV	-10	-0.5 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	16QAM	NV	0	-0.0 4	0.00 0	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	16QAM	NV	10	-0.3 3	0.00 0	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	16QAM	NV	20	-0.7 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	16QAM	NV	30	-0.0 7	0.00 0	-2.5	2.5	PAS S
Ban d5	1.4	20643	6	#0	16QAM	NV	40	-0.6 9	-0.0 01	-2.5	2.5	PAS S

Ban d5	1.4	20643	6	#0	16QAM	NV	50	-0.4 1	0.00 0	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	QPSK	NV	-30	-1.1 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	QPSK	NV	-20	-0.4 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	QPSK	NV	-10	-1.0 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	QPSK	NV	0	-1.3 3	-0.0 02	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	QPSK	NV	10	-0.2 9	0.00 0	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	QPSK	NV	20	-0.5 1	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	QPSK	NV	30	-0.3 9	0.00 0	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	QPSK	NV	40	-0.7 9	-0.0 01	-2.5	2.5	PAS S
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Ban d5	3	20415	15	#0	16QAM	NV	-30	-0.3 4	0.00 0	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	16QAM	NV	-20	-0.8 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	16QAM	NV	-10	-1.1 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	16QAM	NV	0	-0.2 1	0.00 0	-2.5	2.5	PAS S
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Ban d5	3	20415	15	#0	16QAM	NV	20	-0.7 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	16QAM	NV	30	-0.8 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20415	15	#0	16QAM	NV	40	-0.4 4	-0.0 01	-2.5	2.5	PAS S
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Ban d5	3	20525	15	#0	16QAM	NV	-30	-0.4 7	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	16QAM	NV	-20	-1.7 3	-0.0 02	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	16QAM	NV	-10	-0.7 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	16QAM	NV	0	-1.1 6	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	16QAM	NV	10	-0.9 6	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	16QAM	NV	20	-1.7 0	-0.0 02	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	16QAM	NV	30	-0.9 7	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	16QAM	NV	40	-2.1 0	-0.0 03	-2.5	2.5	PAS S
Ban d5	3	20525	15	#0	16QAM	NV	50	-1.2 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	QPSK	NV	-30	-1.8 7	-0.0 02	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	QPSK	NV	-20	-2.2 0	-0.0 03	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	QPSK	NV	-10	-1.8 7	-0.0 02	-2.5	2.5	PAS S
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Ban d5	3	20635	15	#0	QPSK	NV	40	-1.1 2	-0.0 01	-2.5	2.5	PAS S
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Ban d5	3	20635	15	#0	16QAM	NV	-30	-1.5 4	-0.0 02	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	16QAM	NV	-20	-0.7 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	16QAM	NV	-10	-2.7 3	-0.0 03	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	16QAM	NV	0	-1.9 0	-0.0 02	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	16QAM	NV	10	-2.0 0	-0.0 02	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	16QAM	NV	20	-2.0 3	-0.0 02	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	16QAM	NV	30	-1.9 0	-0.0 02	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	16QAM	NV	40	-2.1 2	-0.0 03	-2.5	2.5	PAS S
Ban d5	3	20635	15	#0	16QAM	NV	50	-1.7 6	-0.0 02	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	QPSK	NV	-30	-2.1 3	-0.0 03	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	QPSK	NV	-20	-1.5 6	-0.0 02	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	QPSK	NV	-10	-2.2 2	-0.0 03	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	QPSK	NV	0	-2.2 6	-0.0 03	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	QPSK	NV	10	-1.7 6	-0.0 02	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	QPSK	NV	20	-1.9 9	-0.0 02	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	QPSK	NV	30	-2.0 2	-0.0 02	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	QPSK	NV	40	-0.9 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	QPSK	NV	50	-2.1 6	-0.0 03	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	16QAM	NV	-30	-1.4 2	-0.0 02	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	16QAM	NV	-20	-2.8 0	-0.0 03	-2.5	2.5	PAS S

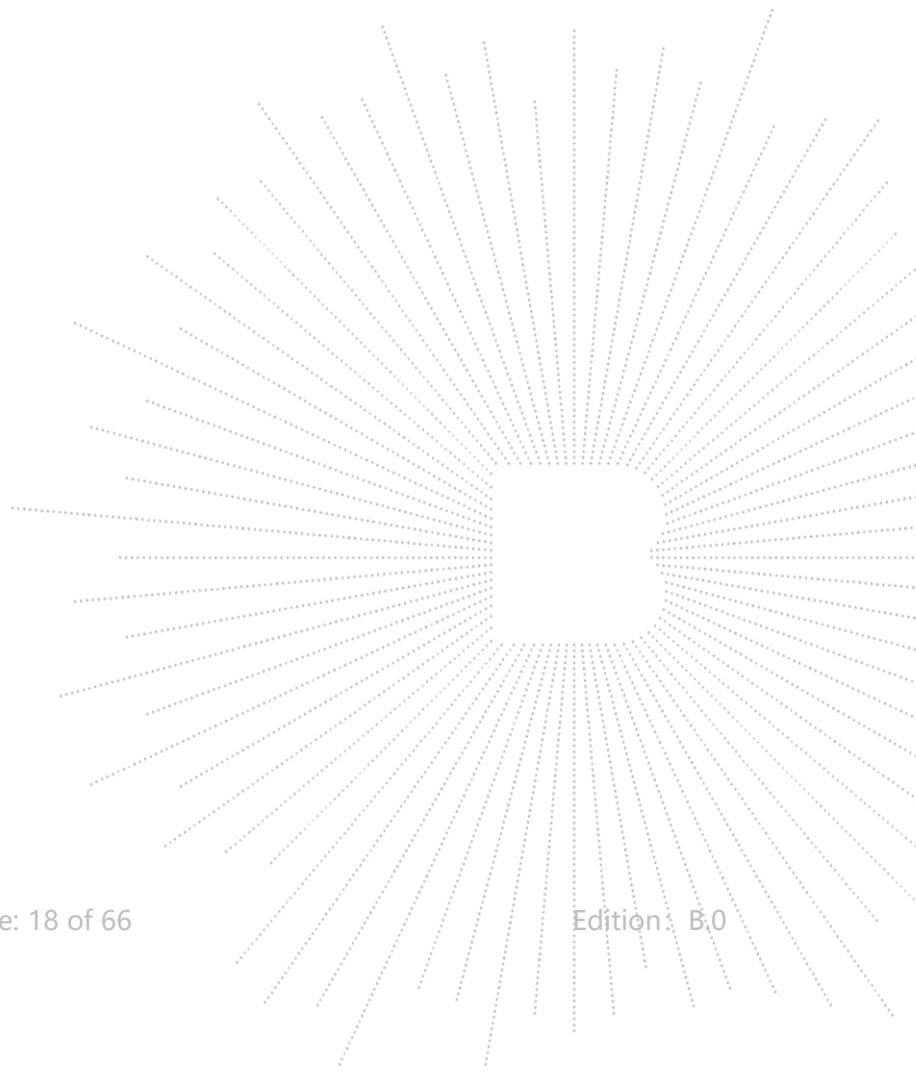
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Ban d5	5	20425	25	#0	16QAM	NV	10	-0.8 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	16QAM	NV	20	-2.4 5	-0.0 03	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	16QAM	NV	30	-1.5 2	-0.0 02	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	16QAM	NV	40	-1.4 2	-0.0 02	-2.5	2.5	PAS S
Ban d5	5	20425	25	#0	16QAM	NV	50	-1.8 0	-0.0 02	-2.5	2.5	PAS S
Ban d5	5	20525	25	#0	QPSK	NV	-30	-0.7 7	-0.0 01	-2.5	2.5	PAS S
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Ban d5	5	20525	25	#0	QPSK	NV	20	-0.6 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20525	25	#0	QPSK	NV	30	-1.7 6	-0.0 02	-2.5	2.5	PAS S
Ban d5	5	20525	25	#0	QPSK	NV	40	-1.1 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20525	25	#0	QPSK	NV	50	-1.1 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20525	25	#0	16QAM	NV	-30	-1.0 7	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20525	25	#0	16QAM	NV	-20	-1.9 2	-0.0 02	-2.5	2.5	PAS S
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Ban d5	5	20525	25	#0	16QAM	NV	20	-0.7 3	-0.0 01	-2.5	2.5	PAS S

Ban d5	5	20525	25	#0	16QAM	NV	30	-1.0 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20525	25	#0	16QAM	NV	40	-1.4 7	-0.0 02	-2.5	2.5	PAS S
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Ban d5	5	20625	25	#0	QPSK	NV	-30	-0.3 6	0.00 0	-2.5	2.5	PAS S
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Ban d5	5	20625	25	#0	QPSK	NV	10	-0.1 4	0.00 0	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	QPSK	NV	20	-0.6 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	QPSK	NV	30	0.49	0.00 1	-2.5	2.5	PAS S
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Ban d5	5	20625	25	#0	QPSK	NV	50	-0.1 7	0.00 0	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	16QAM	NV	-30	-0.8 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	16QAM	NV	-20	-0.7 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	16QAM	NV	-10	-0.1 6	0.00 0	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	16QAM	NV	0	-1.3 3	-0.0 02	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	16QAM	NV	10	-1.0 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	16QAM	NV	20	-0.6 7	-0.0 01	-2.5	2.5	PAS S
Ban d5	5	20625	25	#0	16QAM	NV	30	-0.8 6	-0.0 01	-2.5	2.5	PAS S
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Ban d5	5	20625	25	#0	16QAM	NV	50	-0.7 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	QPSK	NV	-30	-1.3 0	-0.0 02	-2.5	2.5	PAS S

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Ban d5	10	20450	50	#0	QPSK	NV	10	-0.9 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	QPSK	NV	20	-1.7 7	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	QPSK	NV	30	-0.5 6	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	QPSK	NV	40	-1.1 0	-0.0 01	-2.5	2.5	PAS S
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Ban d5	10	20450	50	#0	16QAM	NV	-20	-1.1 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	16QAM	NV	-10	-0.8 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	16QAM	NV	0	-1.5 4	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	16QAM	NV	10	-1.2 7	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	16QAM	NV	20	-0.6 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	16QAM	NV	30	-1.1 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	16QAM	NV	40	-0.6 7	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20450	50	#0	16QAM	NV	50	-0.8 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	QPSK	NV	-30	-1.0 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	QPSK	NV	-20	-1.3 0	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	QPSK	NV	-10	-0.1 0	0.00 0	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	QPSK	NV	0	-0.6 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	QPSK	NV	10	-0.7 3	-0.0 01	-2.5	2.5	PAS S

Ban d5	10	20525	50	#0	QPSK	NV	20	-1.6 0	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	QPSK	NV	30	-0.5 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	QPSK	NV	40	-1.6 9	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	QPSK	NV	50	-1.1 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	16QAM	NV	-30	-1.7 0	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	16QAM	NV	-20	-1.2 7	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	16QAM	NV	-10	-0.9 7	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	16QAM	NV	0	-0.8 6	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	16QAM	NV	10	-1.1 3	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	16QAM	NV	20	-0.6 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	16QAM	NV	30	-1.5 3	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	16QAM	NV	40	-0.9 0	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20525	50	#0	16QAM	NV	50	-1.3 4	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	QPSK	NV	-30	-1.3 2	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	QPSK	NV	-20	-1.9 5	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	QPSK	NV	-10	-0.9 7	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	QPSK	NV	0	-0.8 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	QPSK	NV	10	-1.7 0	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	QPSK	NV	20	-1.2 2	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	QPSK	NV	30	-0.5 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	QPSK	NV	40	-0.5 1	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	QPSK	NV	50	-0.3 1	0.00 0	-2.5	2.5	PAS S

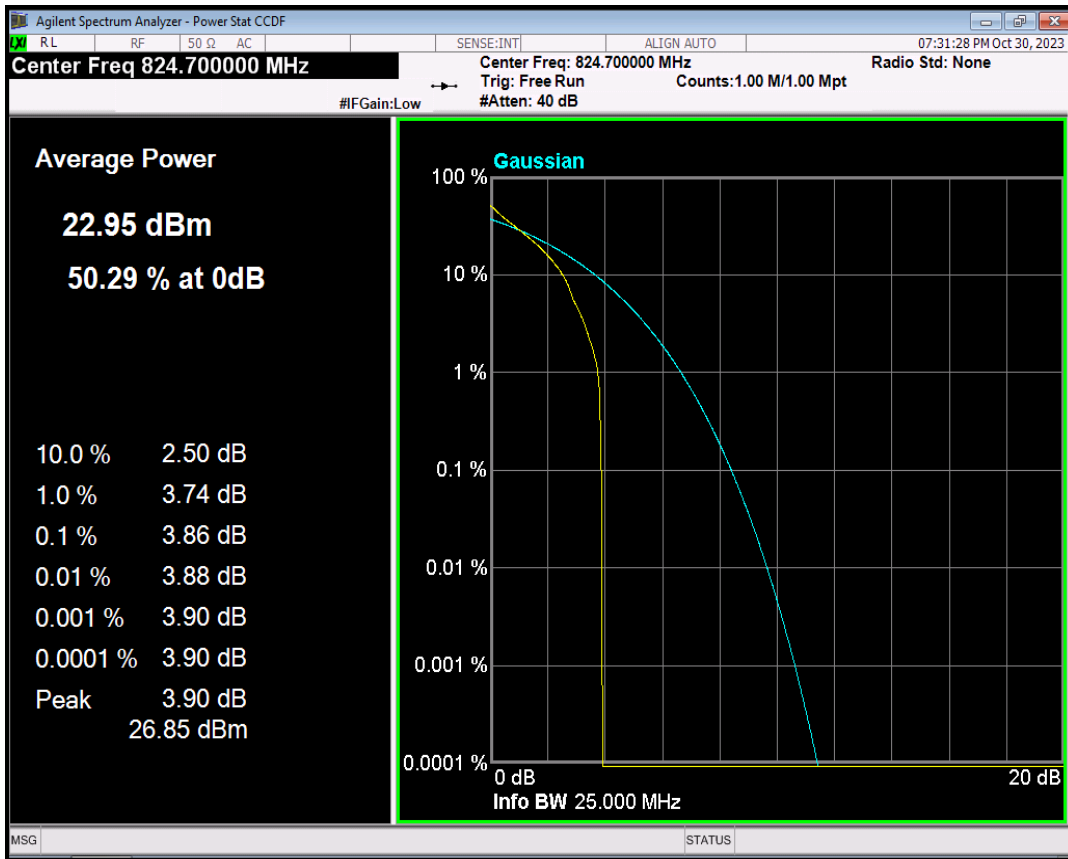
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Ban d5	10	20600	50	#0	16QAM	NV	-20	-1.0 7	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	16QAM	NV	-10	-1.1 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	16QAM	NV	0	-1.4 2	-0.0 02	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	16QAM	NV	10	-0.5 9	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	16QAM	NV	20	-1.0 4	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	16QAM	NV	30	-0.9 6	-0.0 01	-2.5	2.5	PAS S
Ban d5	10	20600	50	#0	16QAM	NV	40	-1.1 4	-0.0 01	-2.5	2.5	PAS S
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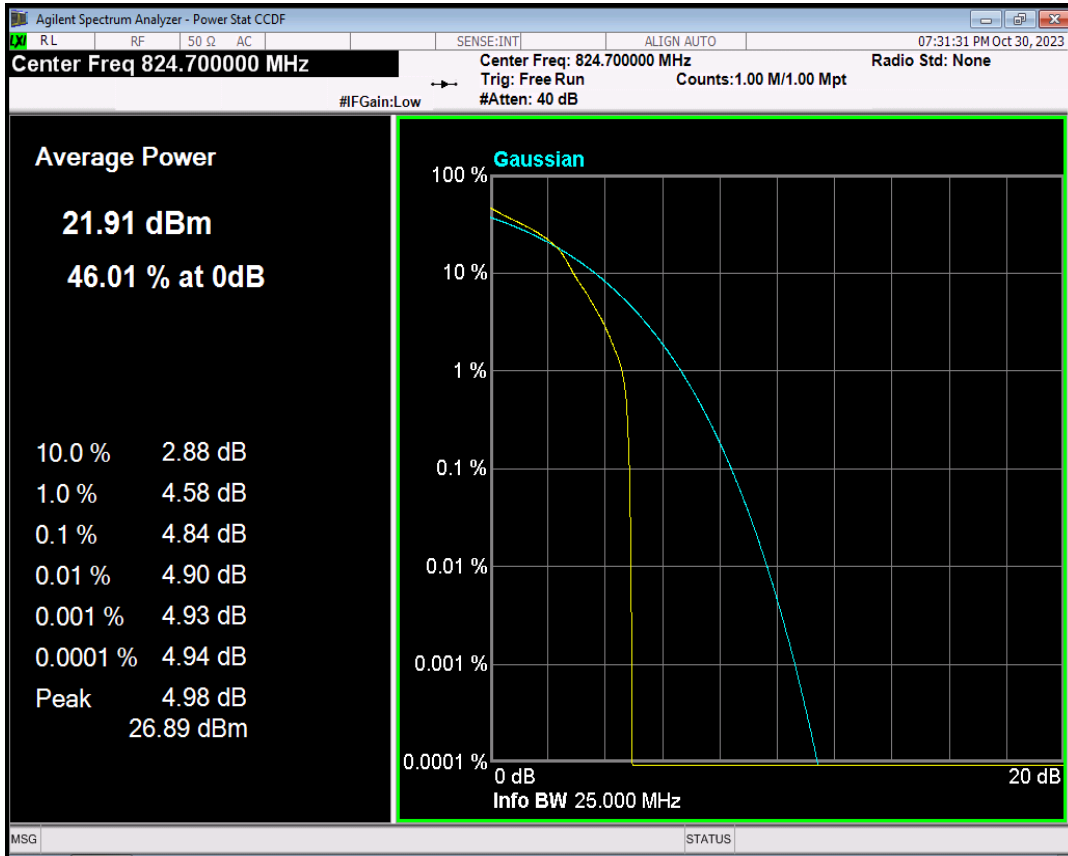
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	1.4	20407	1	#0	QPSK	3.86	13	PASS
Band5	1.4	20407	1	#0	16QAM	4.84	13	PASS
Band5	1.4	20525	1	#0	QPSK	4.64	13	PASS
Band5	1.4	20525	1	#0	16QAM	5.58	13	PASS
Band5	1.4	20643	1	#0	QPSK	4.43	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.43	13	PASS
Band5	3	20415	1	#0	QPSK	3.80	13	PASS
Band5	3	20415	1	#0	16QAM	4.79	13	PASS
Band5	3	20525	1	#0	QPSK	4.63	13	PASS
Band5	3	20525	1	#0	16QAM	5.47	13	PASS
Band5	3	20635	1	#0	QPSK	4.05	13	PASS
Band5	3	20635	1	#0	16QAM	4.88	13	PASS
Band5	5	20425	1	#0	QPSK	3.87	13	PASS
Band5	5	20425	1	#0	16QAM	4.78	13	PASS
Band5	5	20525	1	#0	QPSK	4.50	13	PASS
Band5	5	20525	1	#0	16QAM	5.38	13	PASS
Band5	5	20625	1	#0	QPSK	3.26	13	PASS
Band5	5	20625	1	#0	16QAM	4.06	13	PASS
Band5	10	20450	1	#0	QPSK	3.88	13	PASS
Band5	10	20450	1	#0	16QAM	4.80	13	PASS
Band5	10	20525	1	#0	QPSK	4.38	13	PASS
Band5	10	20525	1	#0	16QAM	5.27	13	PASS
Band5	10	20600	1	#0	QPSK	4.28	13	PASS
Band5	10	20600	1	#0	16QAM	5.23	13	PASS

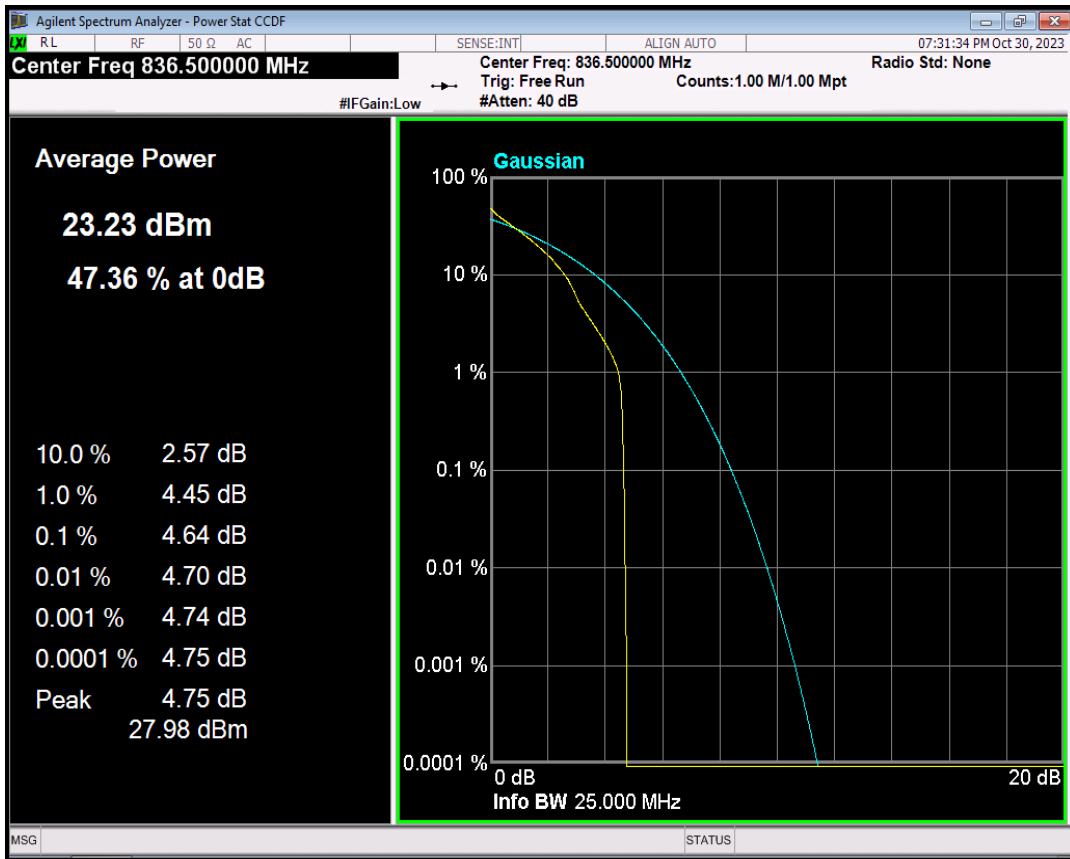
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0



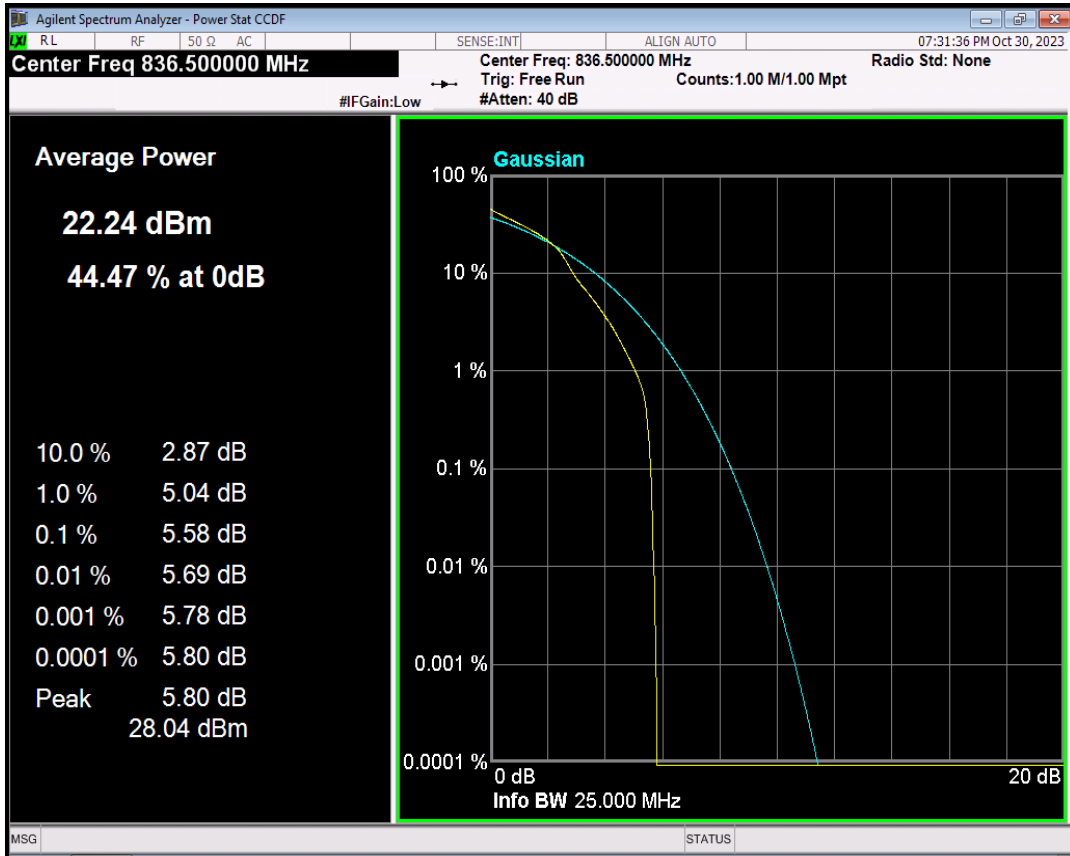
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



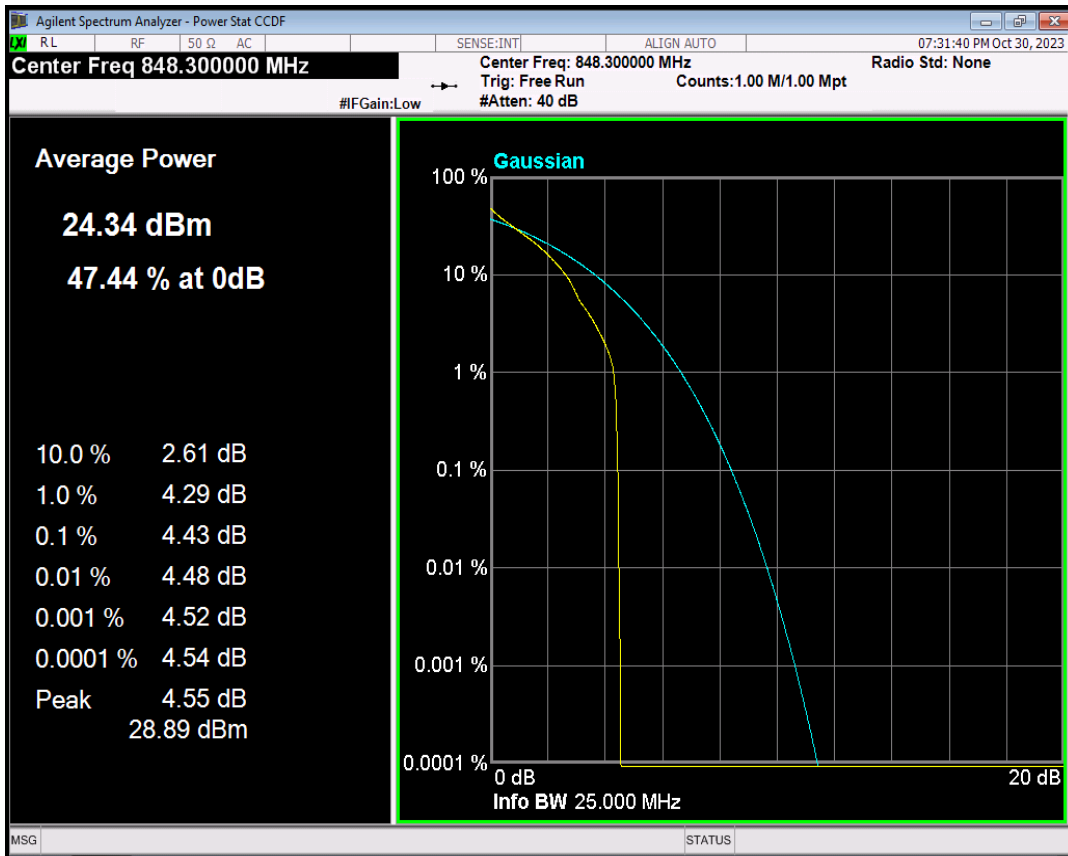
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



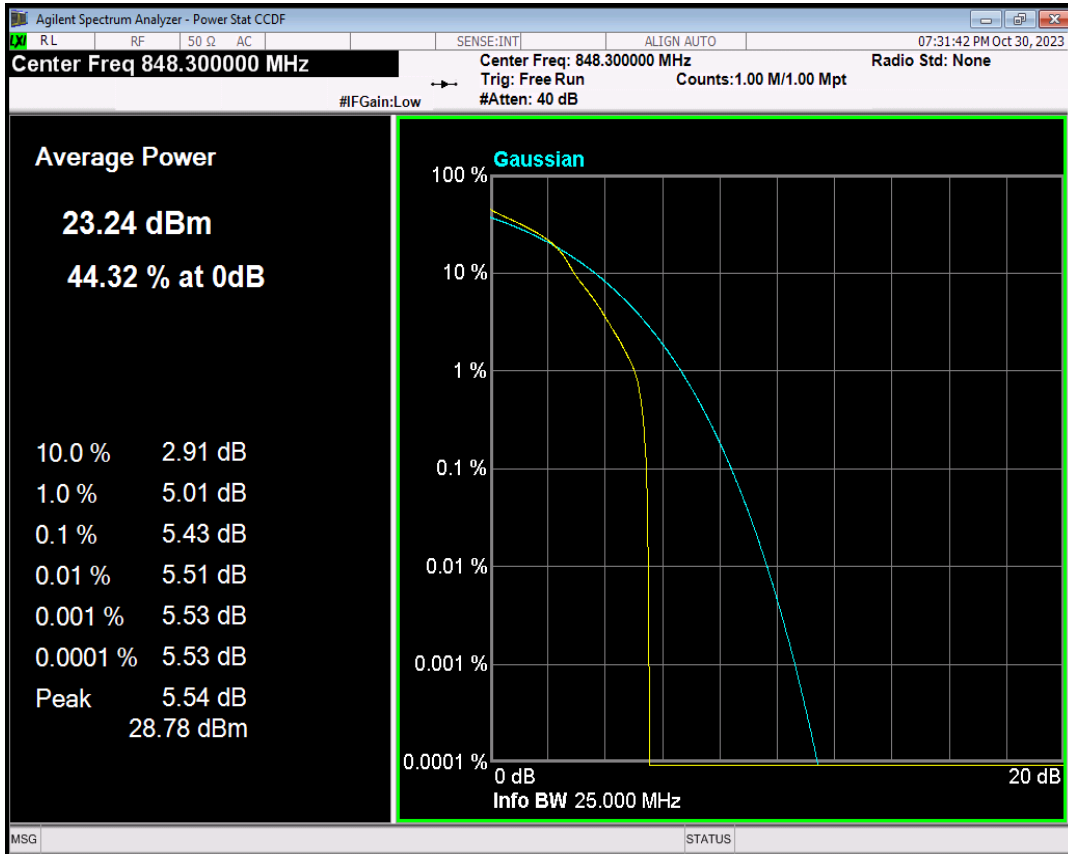
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



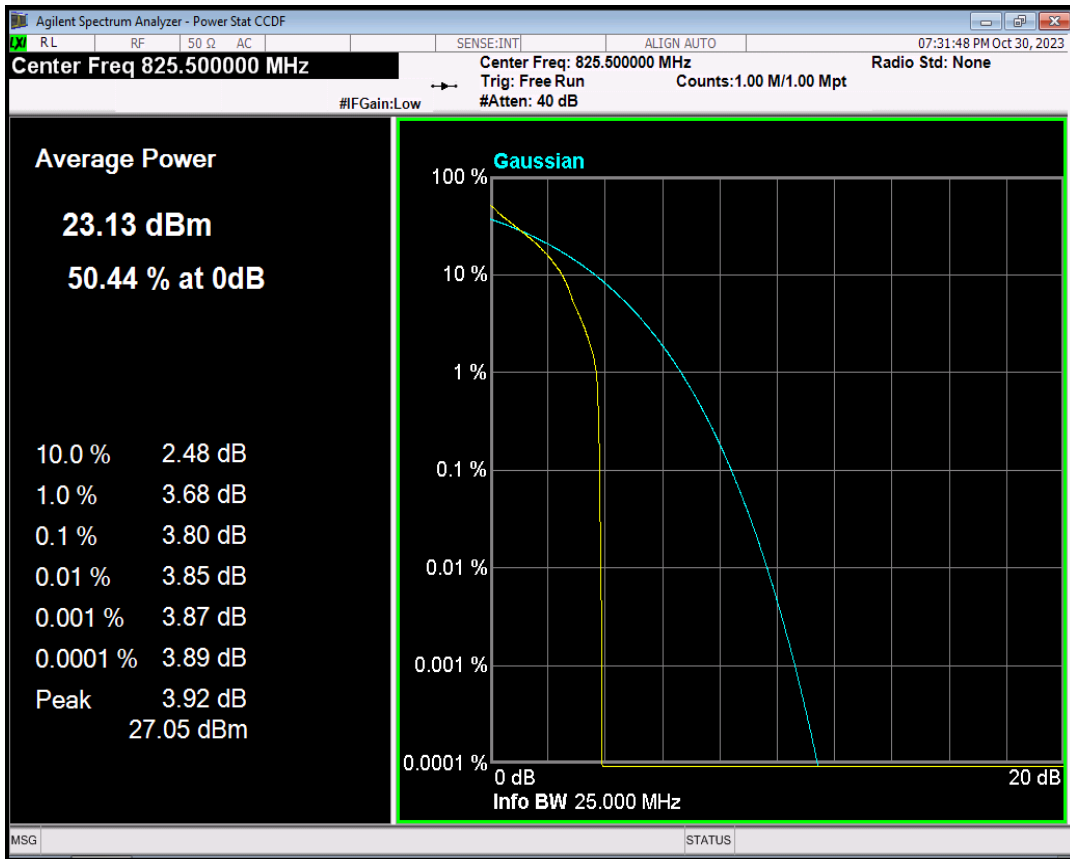
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0



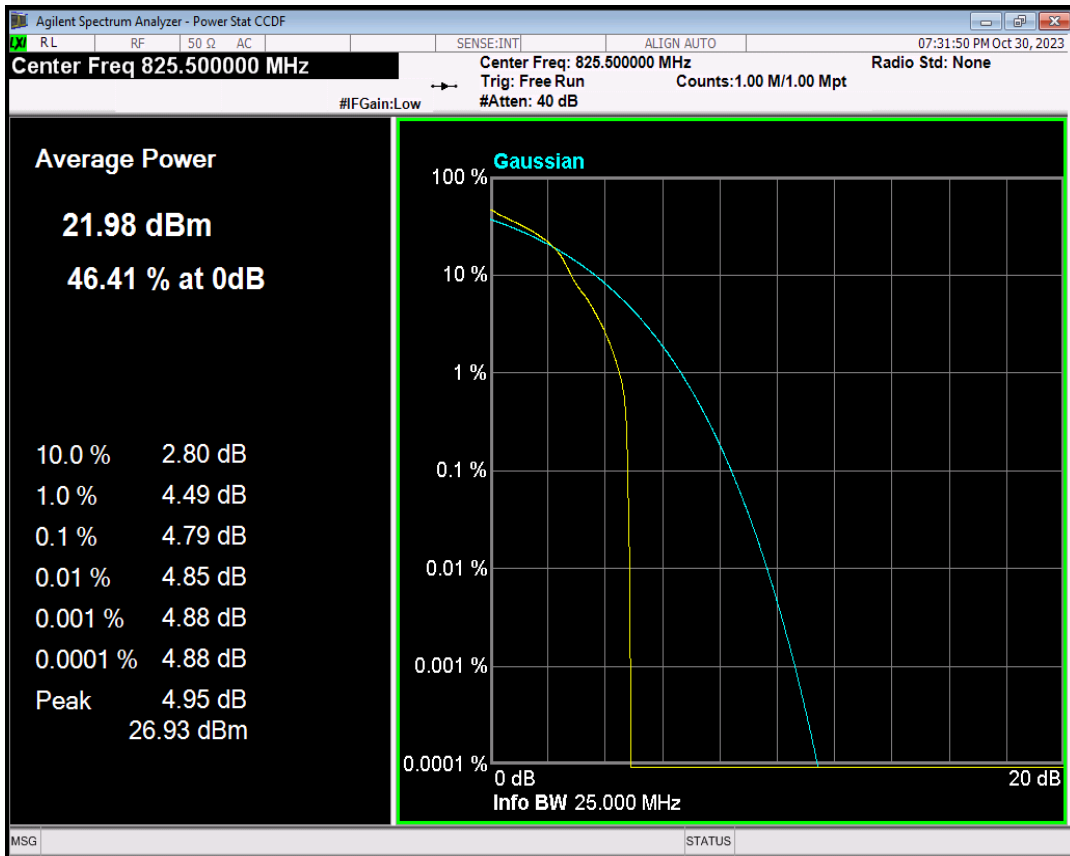
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



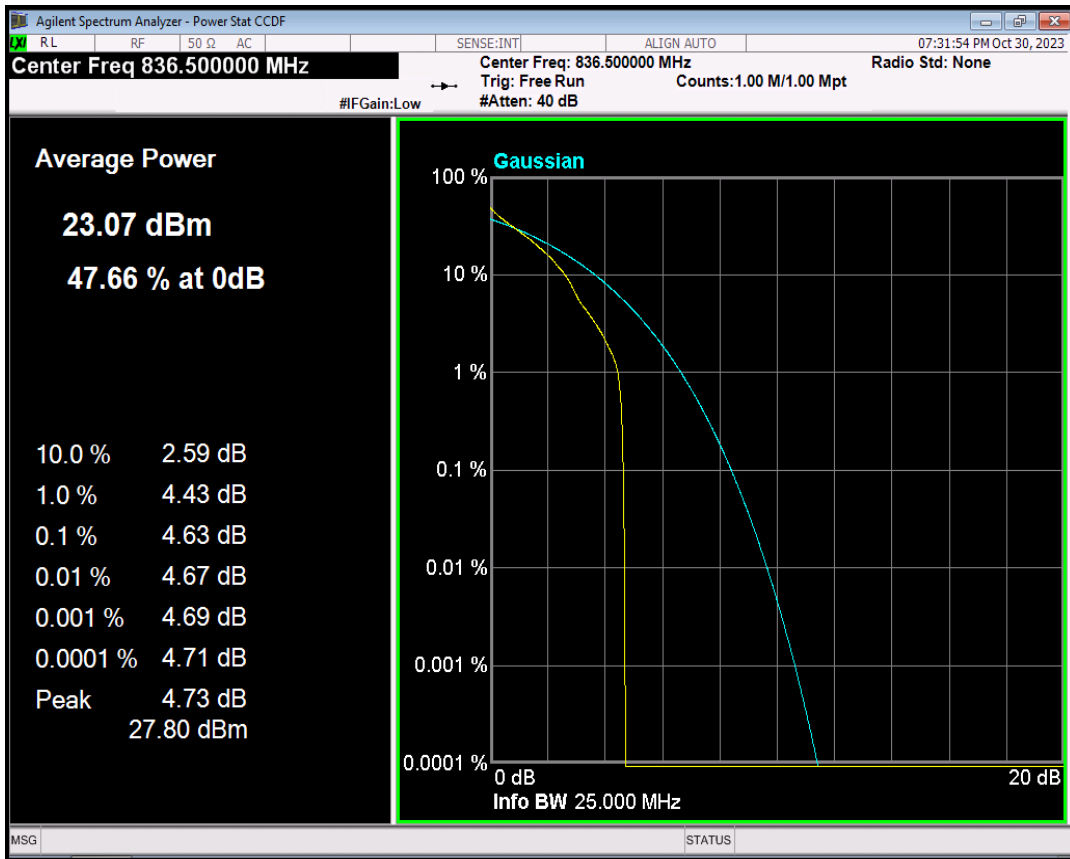
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0



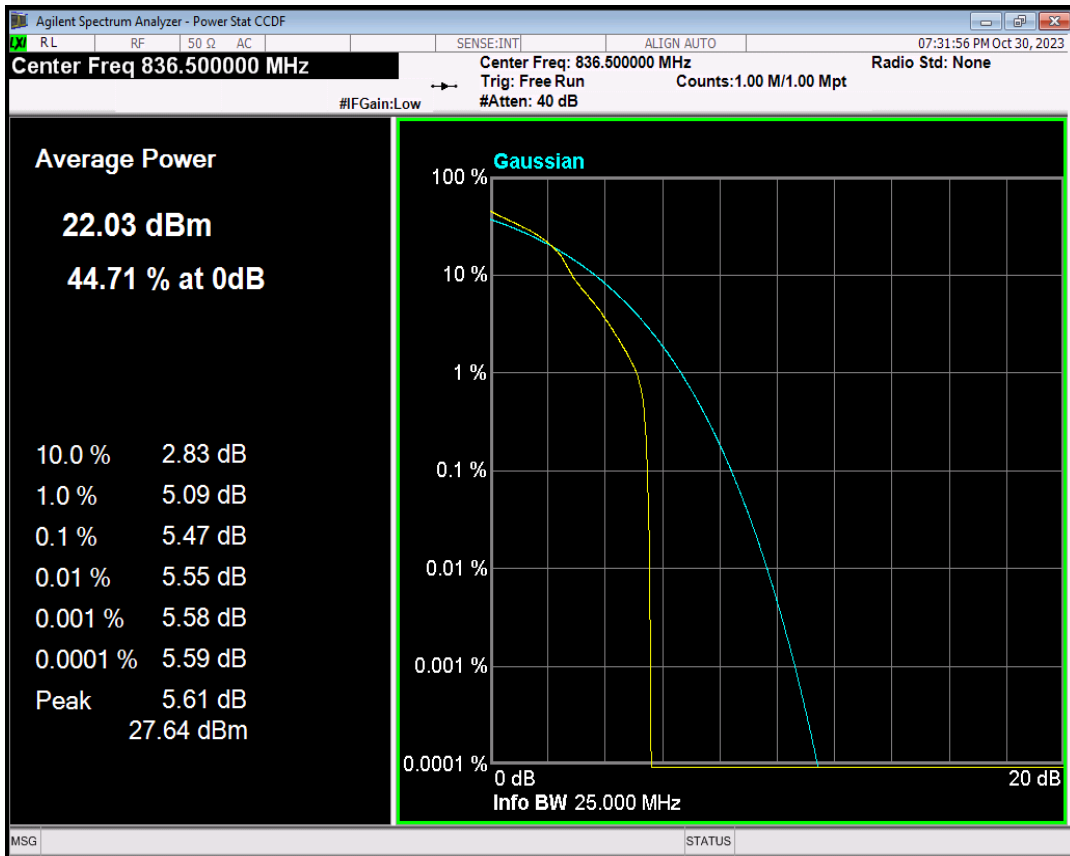
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



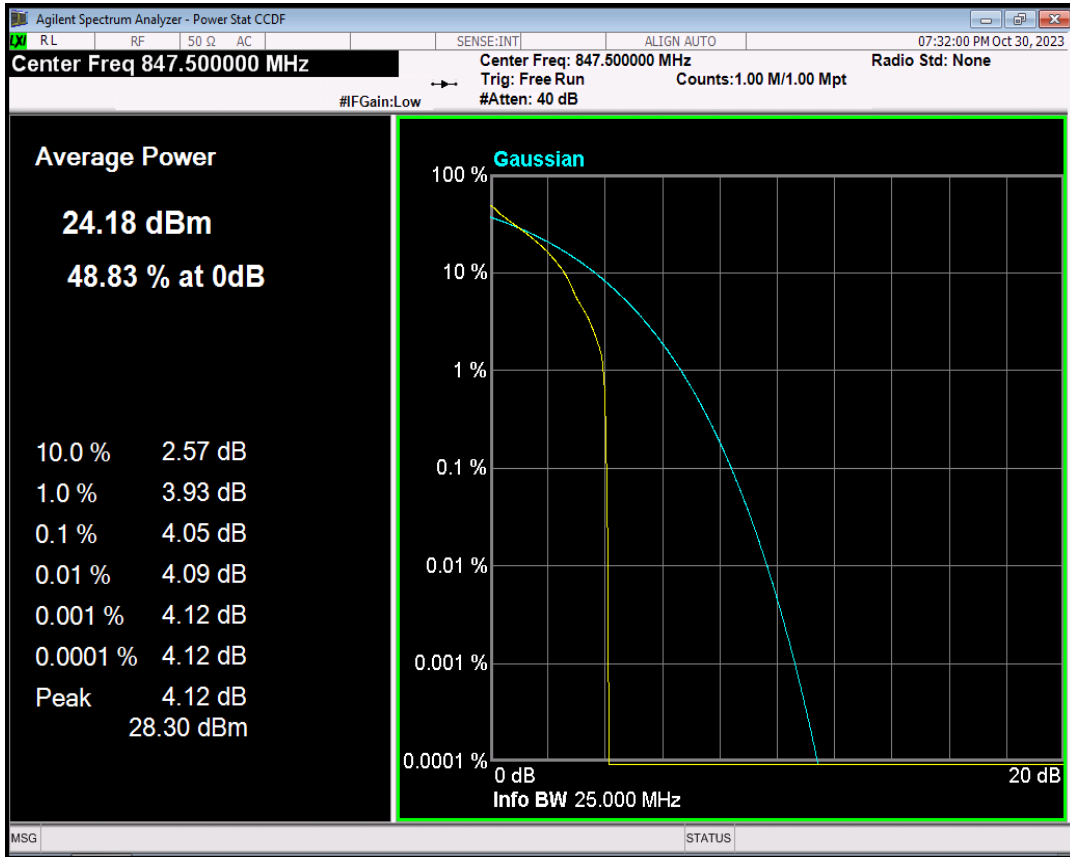
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



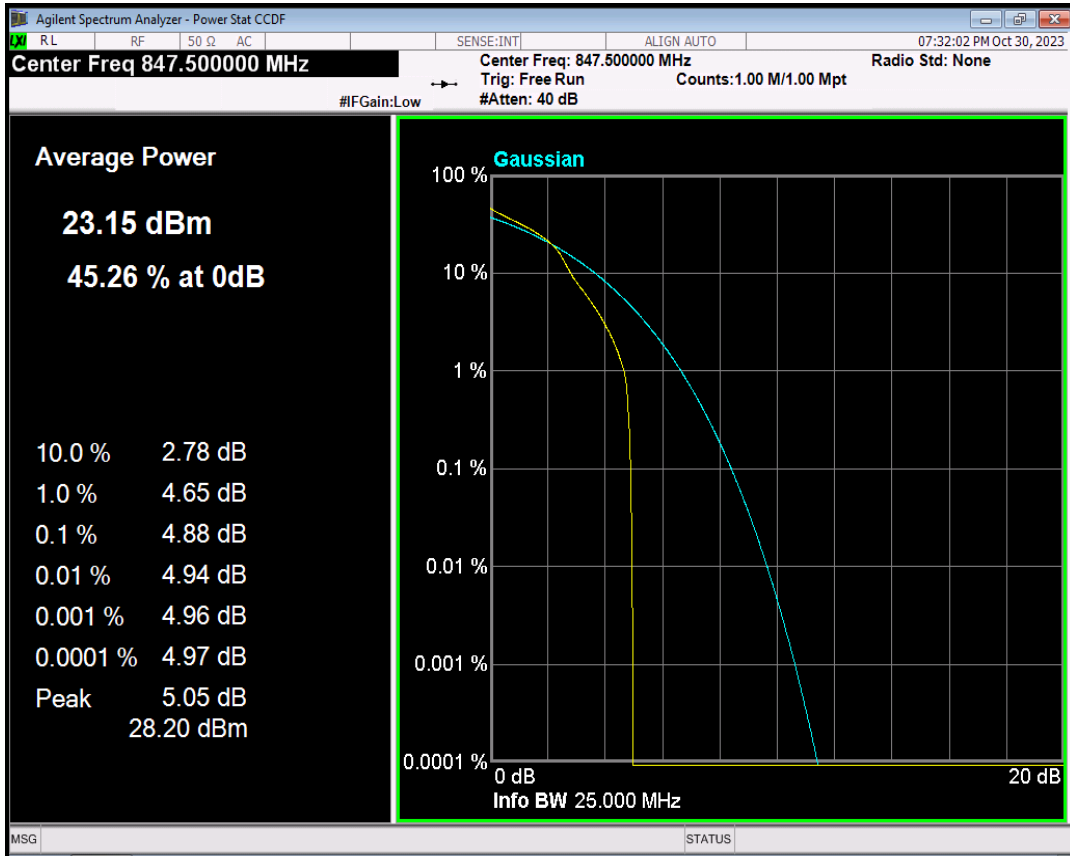
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



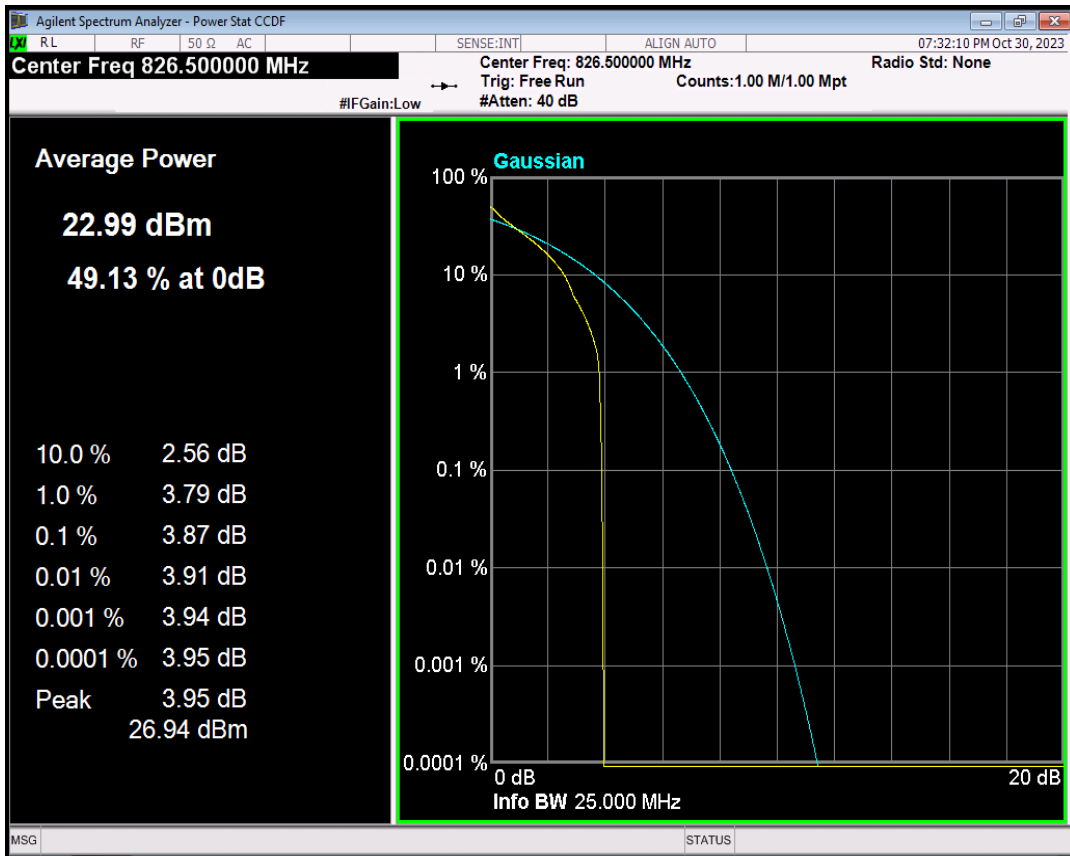
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0



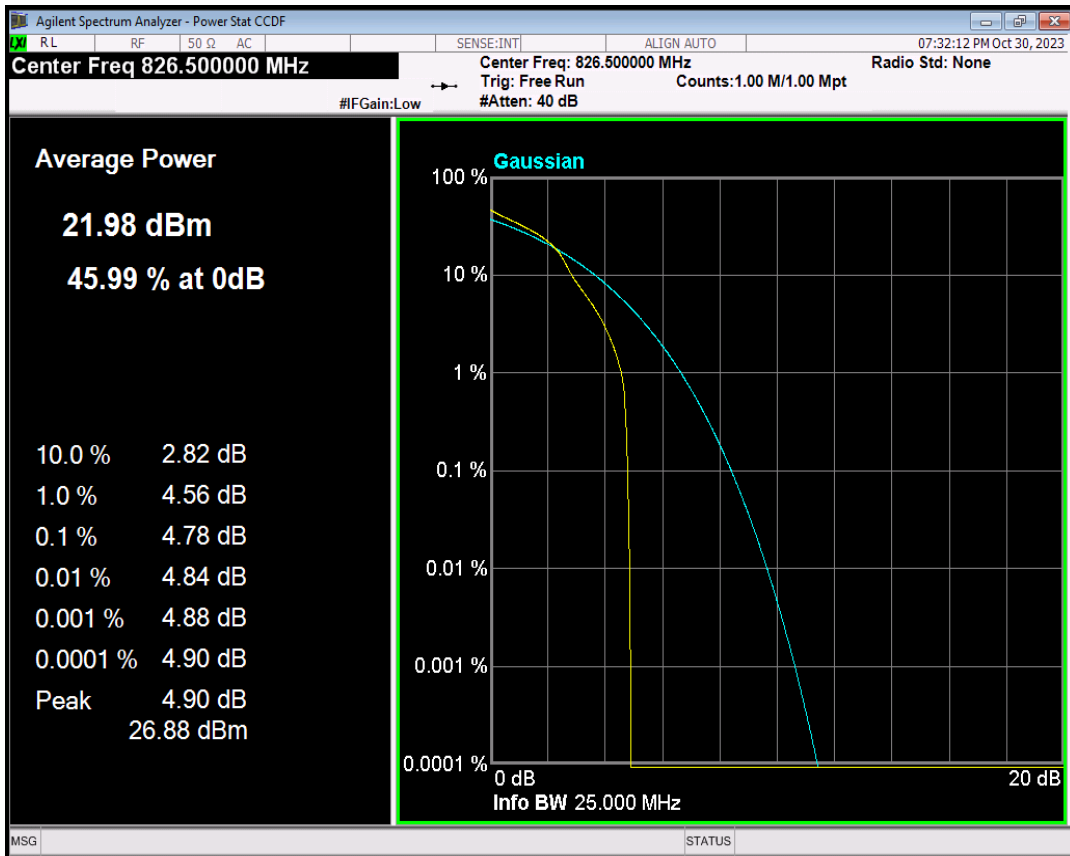
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



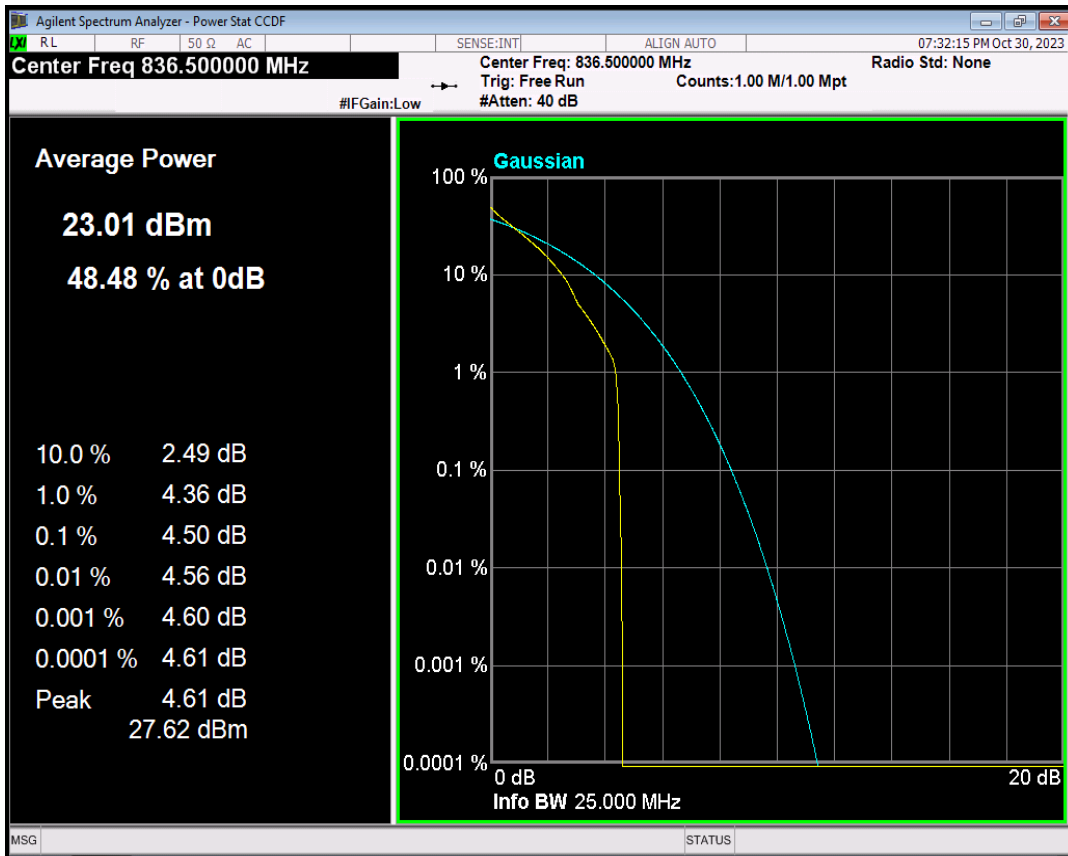
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0



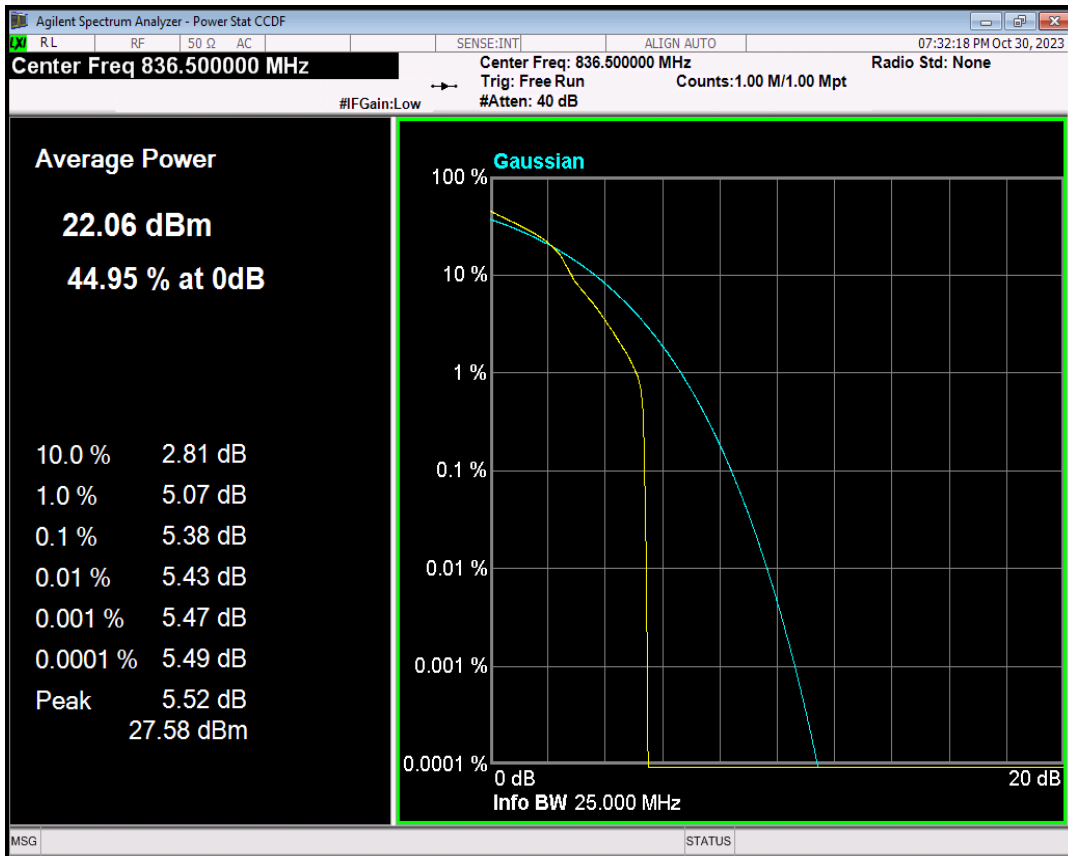
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0



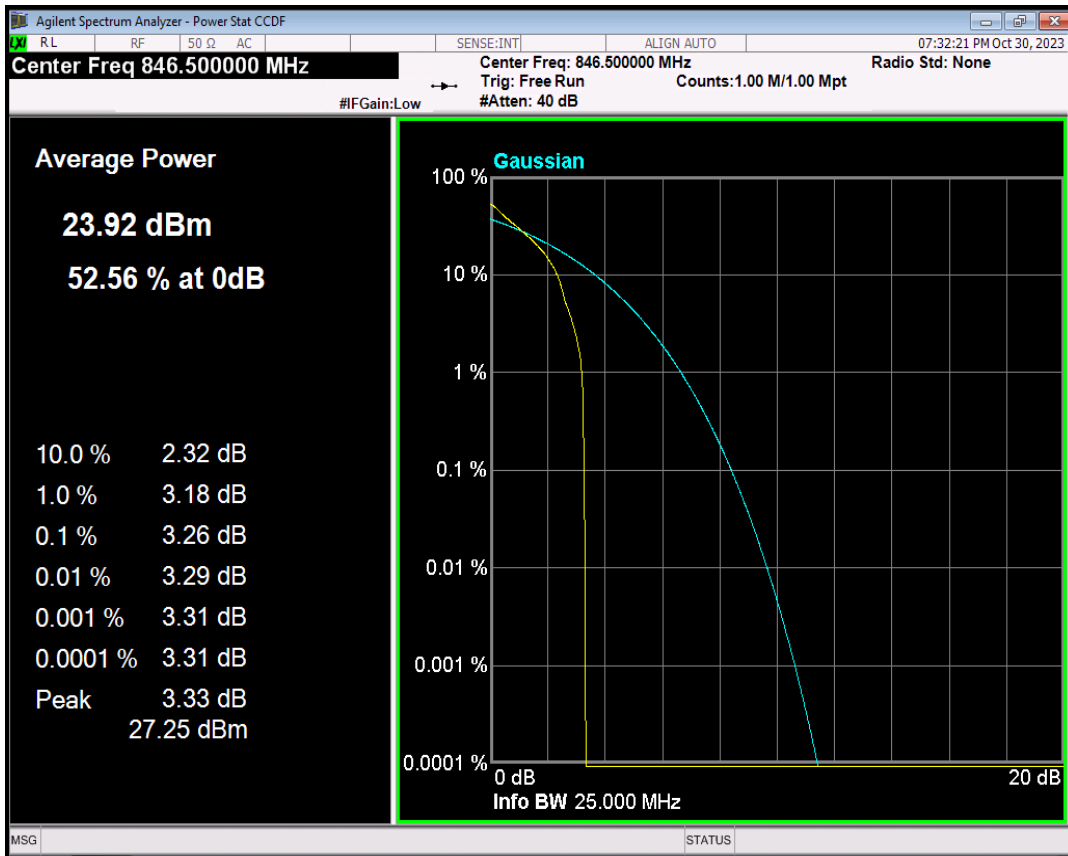
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



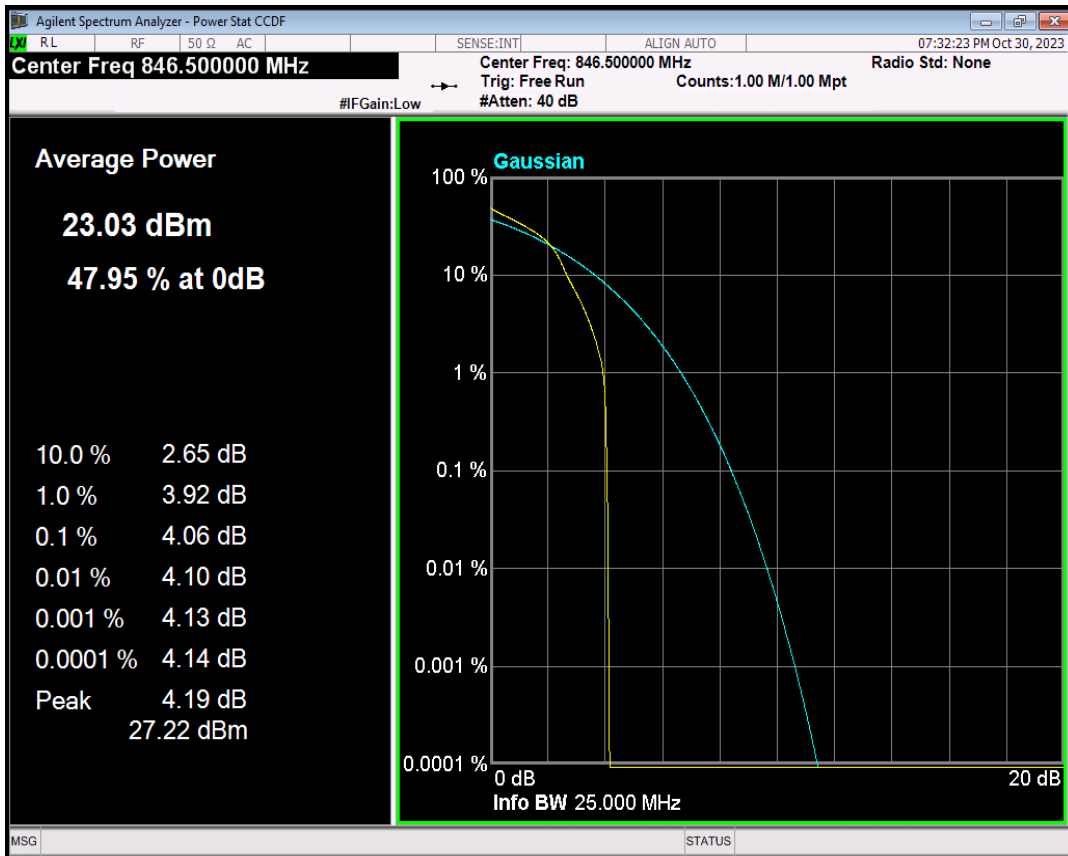
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



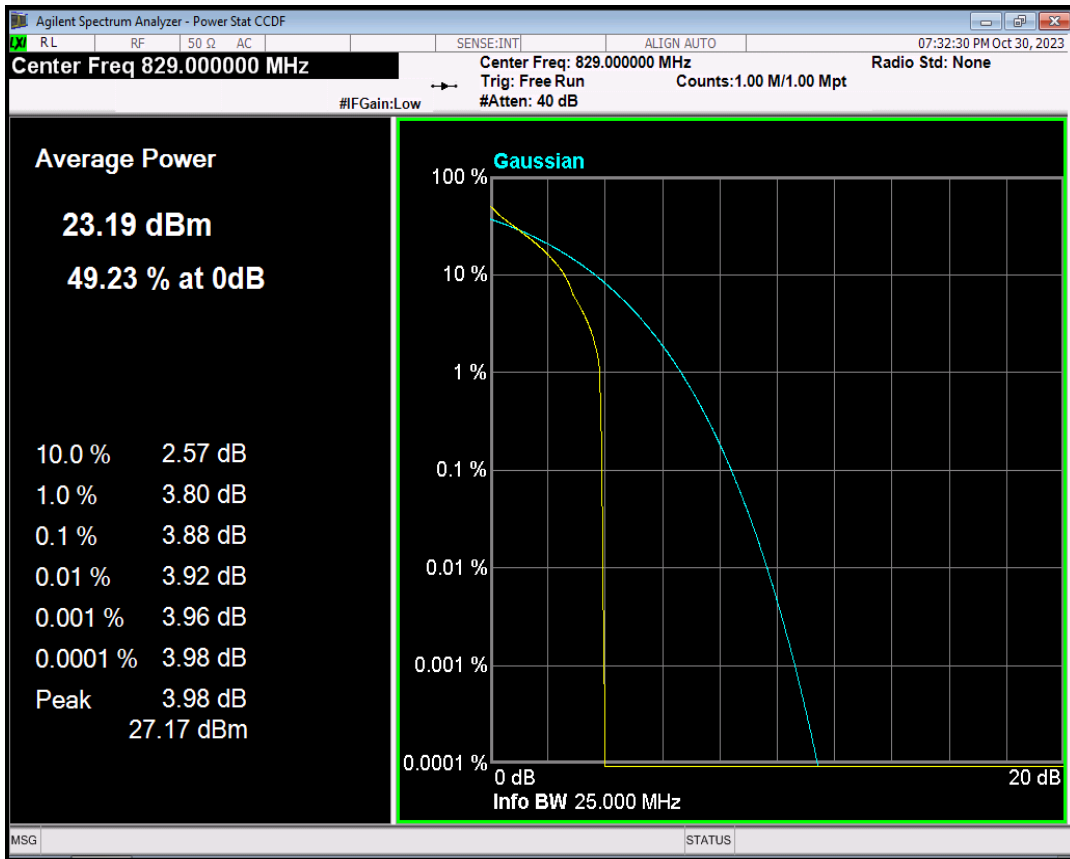
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0



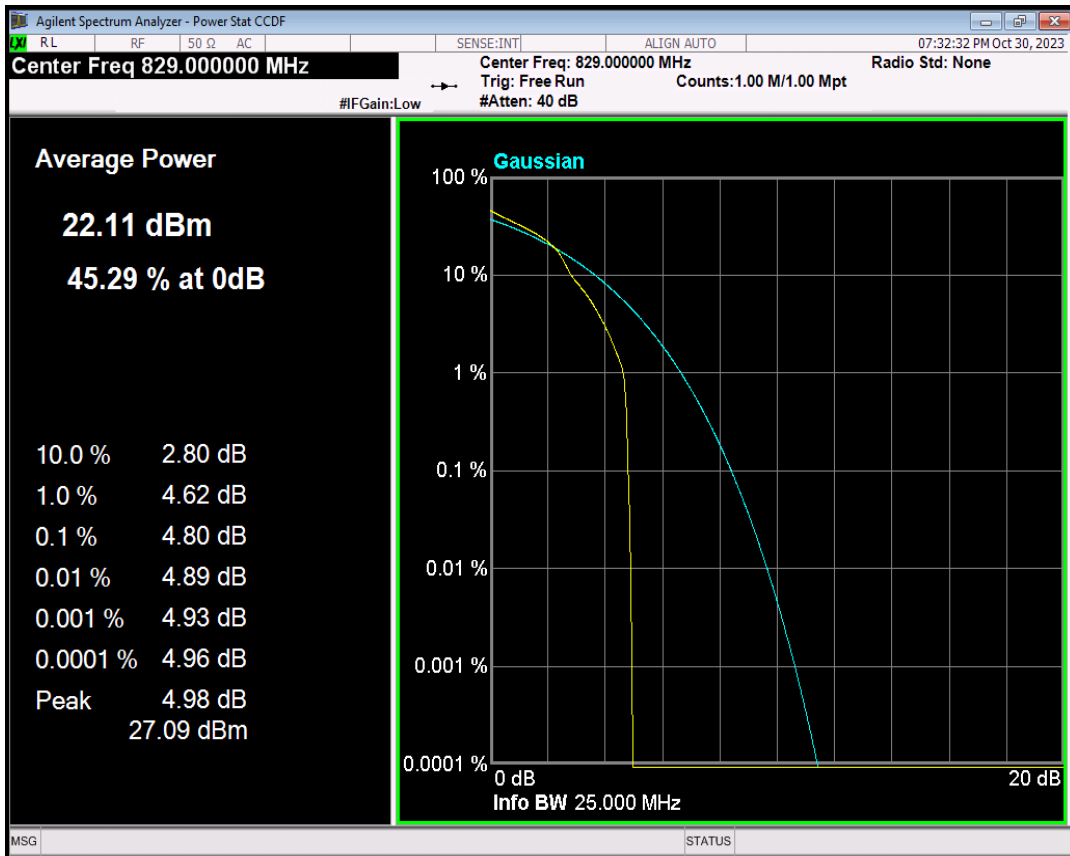
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0



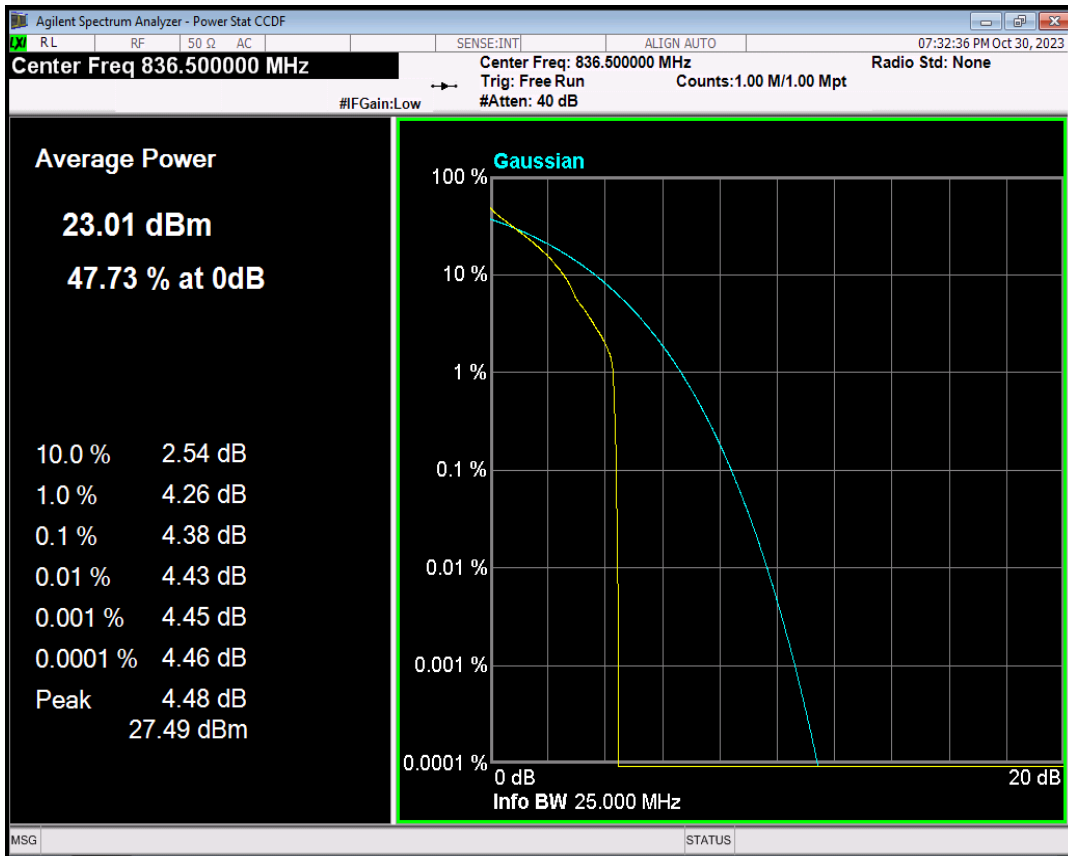
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0



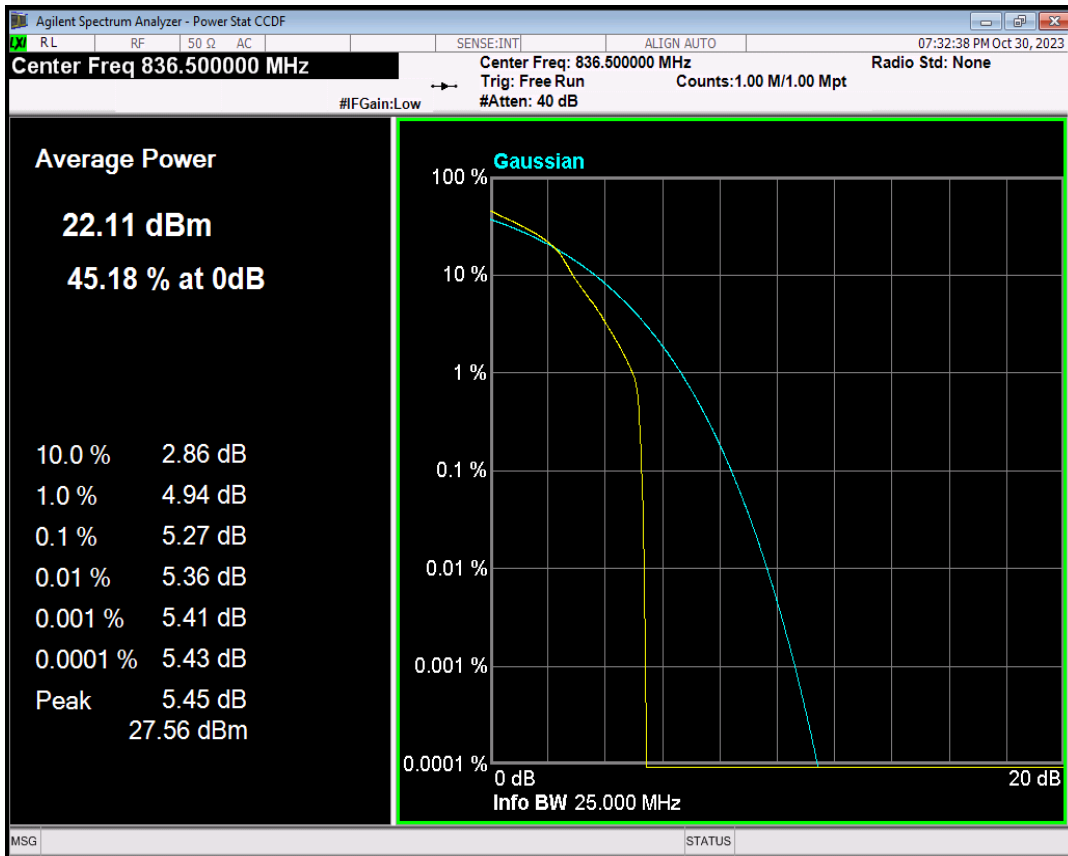
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



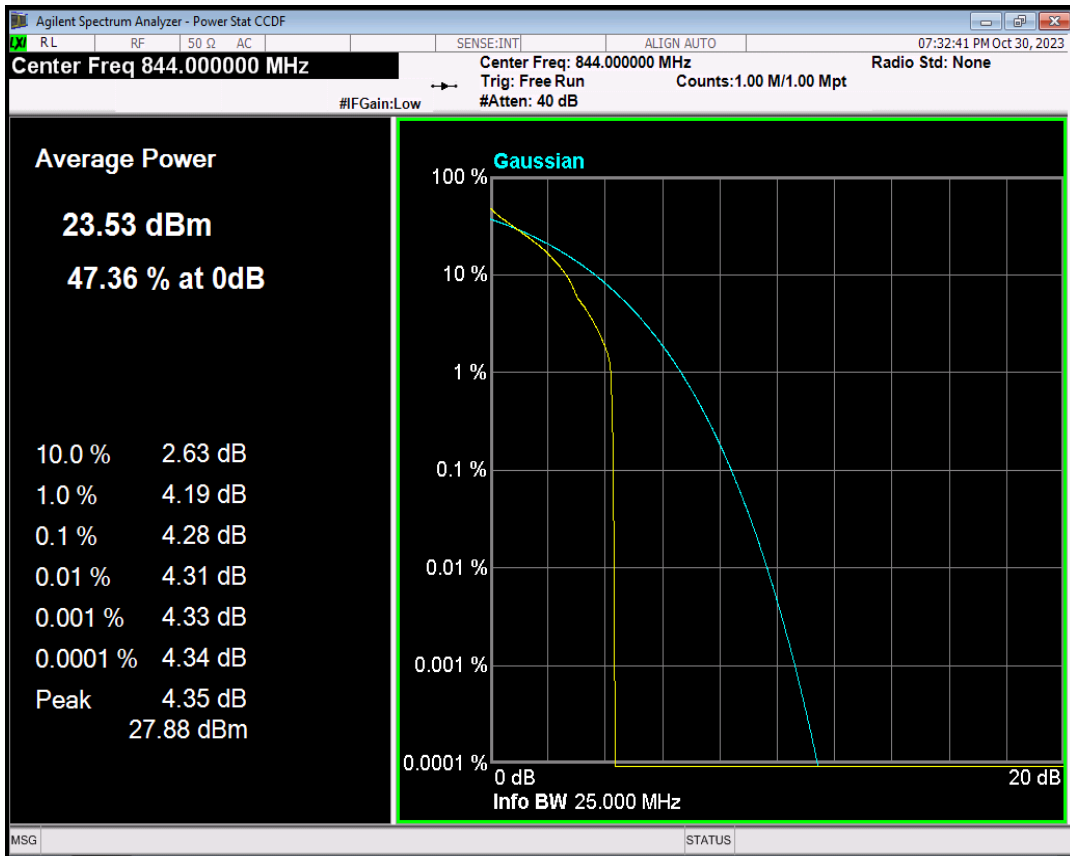
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



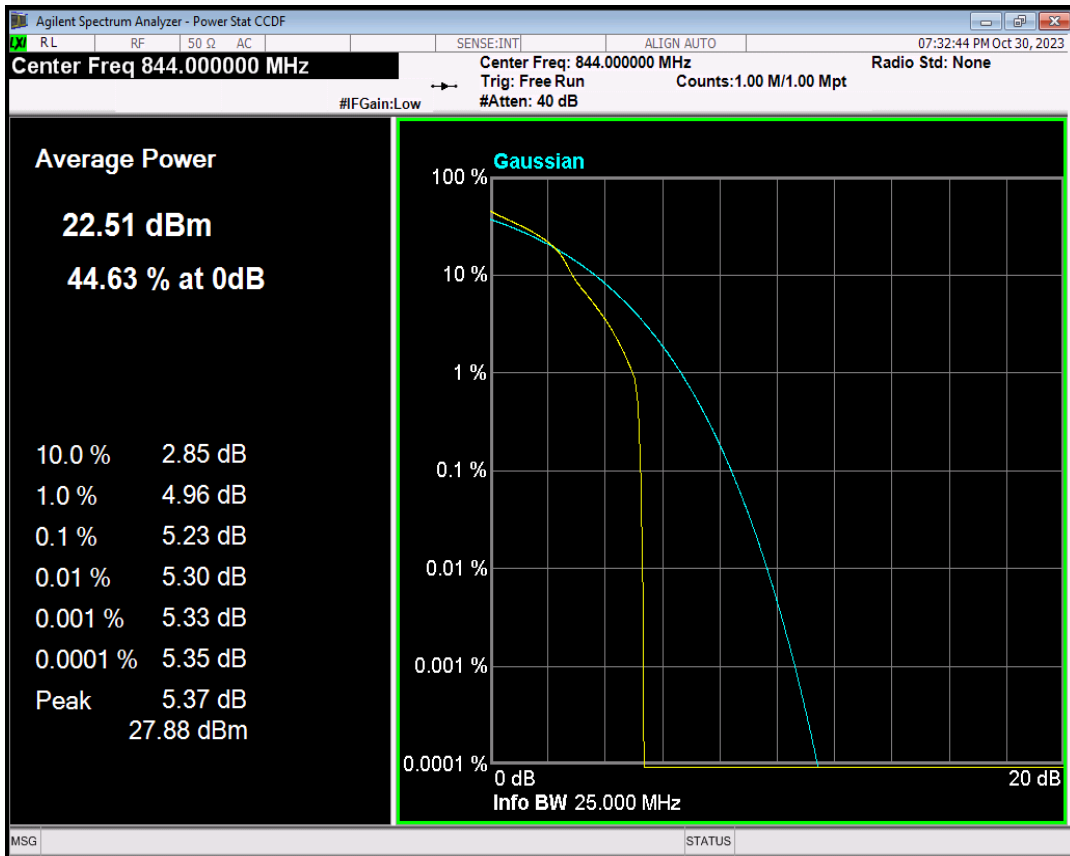
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0



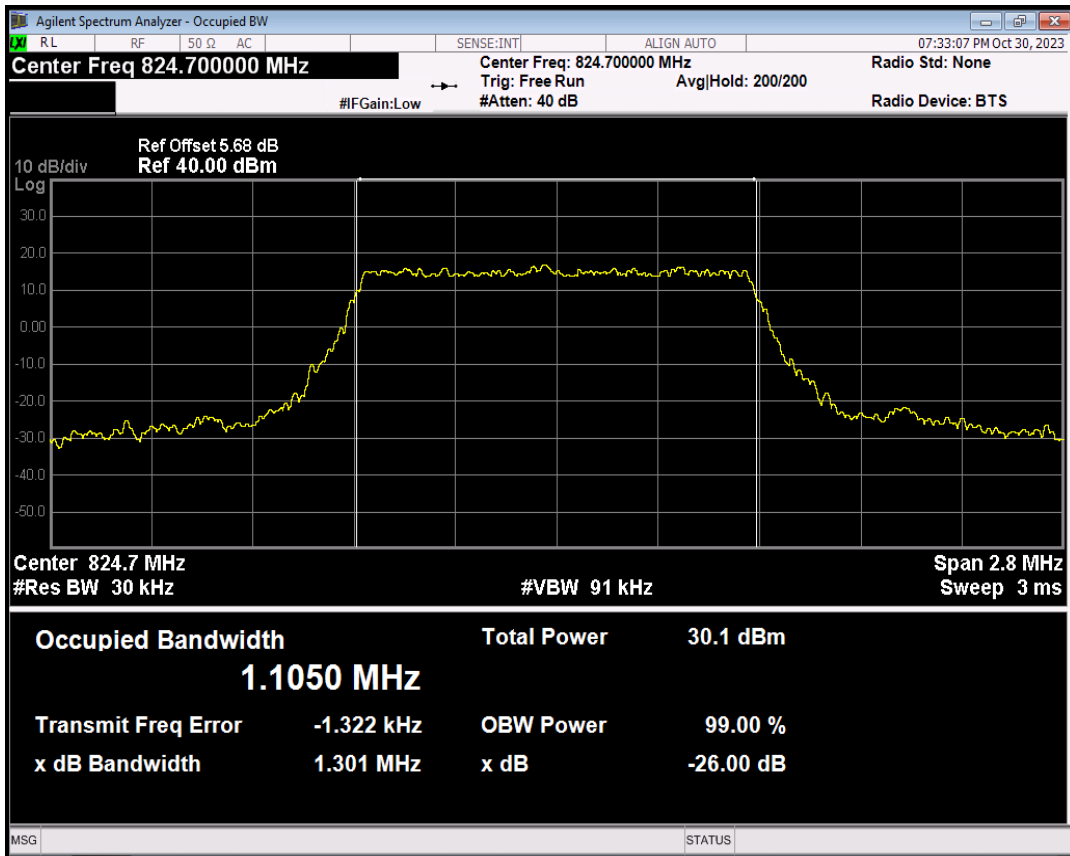
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



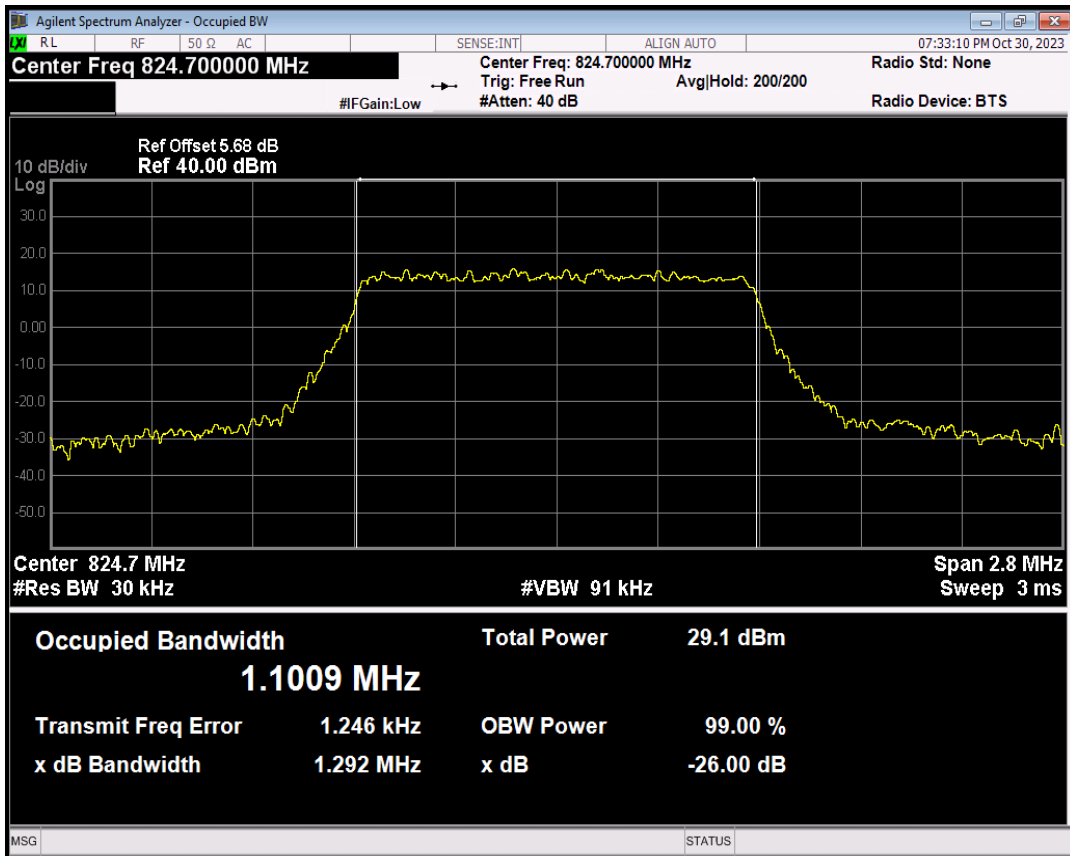
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.105	1.301	PASS
Band5	1.4	20407	6	#0	16QAM	1.101	1.292	PASS
Band5	1.4	20525	6	#0	QPSK	1.091	1.284	PASS
Band5	1.4	20525	6	#0	16QAM	1.092	1.295	PASS
Band5	1.4	20643	6	#0	QPSK	1.095	1.319	PASS
Band5	1.4	20643	6	#0	16QAM	1.102	1.289	PASS
Band5	3	20415	15	#0	QPSK	2.718	2.998	PASS
Band5	3	20415	15	#0	16QAM	2.710	2.964	PASS
Band5	3	20525	15	#0	QPSK	2.718	2.983	PASS
Band5	3	20525	15	#0	16QAM	2.706	3.024	PASS
Band5	3	20635	15	#0	QPSK	2.700	2.970	PASS
Band5	3	20635	15	#0	16QAM	2.698	3.005	PASS
Band5	5	20425	25	#0	QPSK	4.514	4.967	PASS
Band5	5	20425	25	#0	16QAM	4.517	4.966	PASS
Band5	5	20525	25	#0	QPSK	4.509	4.954	PASS
Band5	5	20525	25	#0	16QAM	4.534	4.974	PASS
Band5	5	20625	25	#0	QPSK	4.527	4.983	PASS
Band5	5	20625	25	#0	16QAM	4.505	4.979	PASS
Band5	10	20450	50	#0	QPSK	8.974	9.790	PASS
Band5	10	20450	50	#0	16QAM	8.951	9.804	PASS
Band5	10	20525	50	#0	QPSK	8.995	9.767	PASS
Band5	10	20525	50	#0	16QAM	8.963	9.947	PASS
Band5	10	20600	50	#0	QPSK	9.009	9.860	PASS
Band5	10	20600	50	#0	16QAM	8.990	9.795	PASS

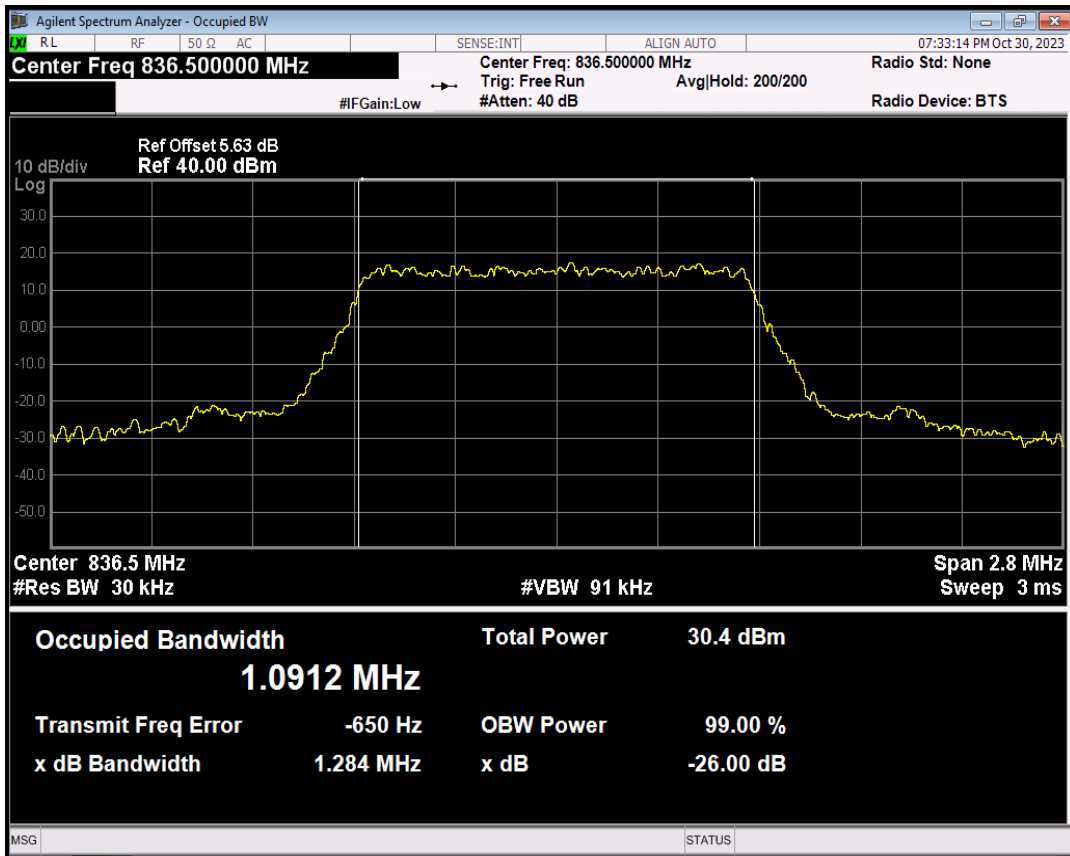
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



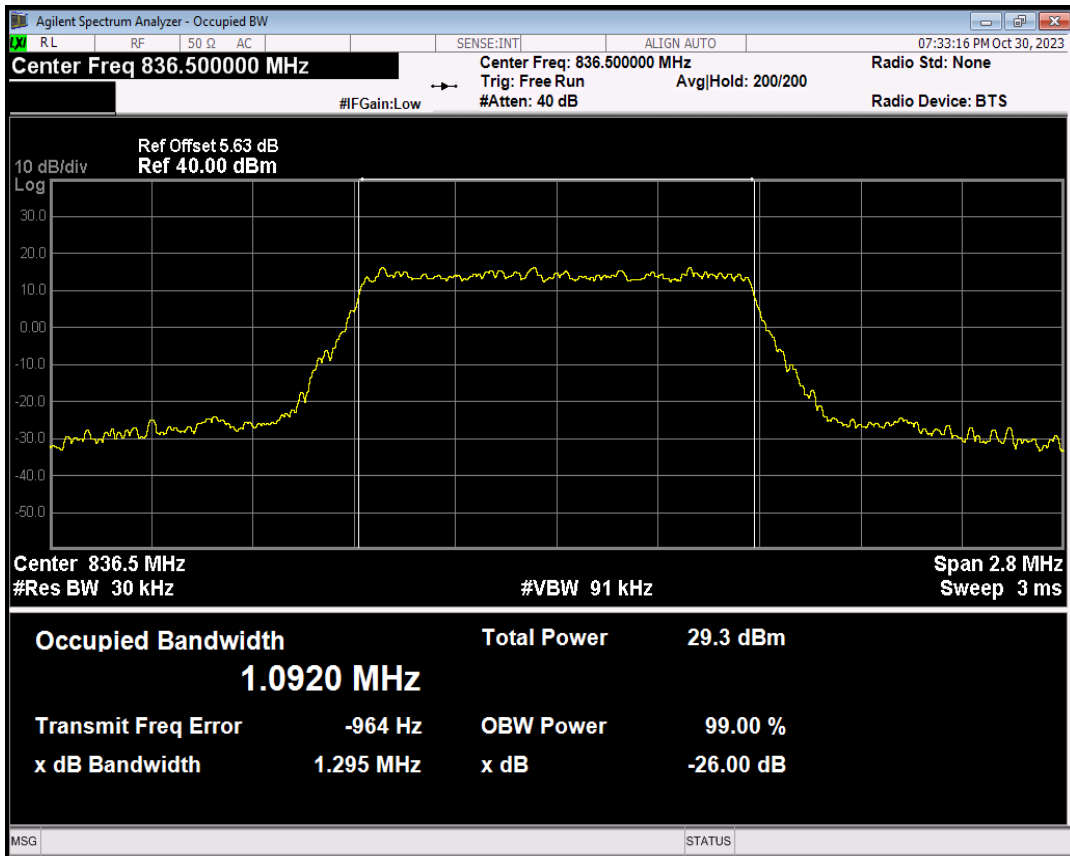
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



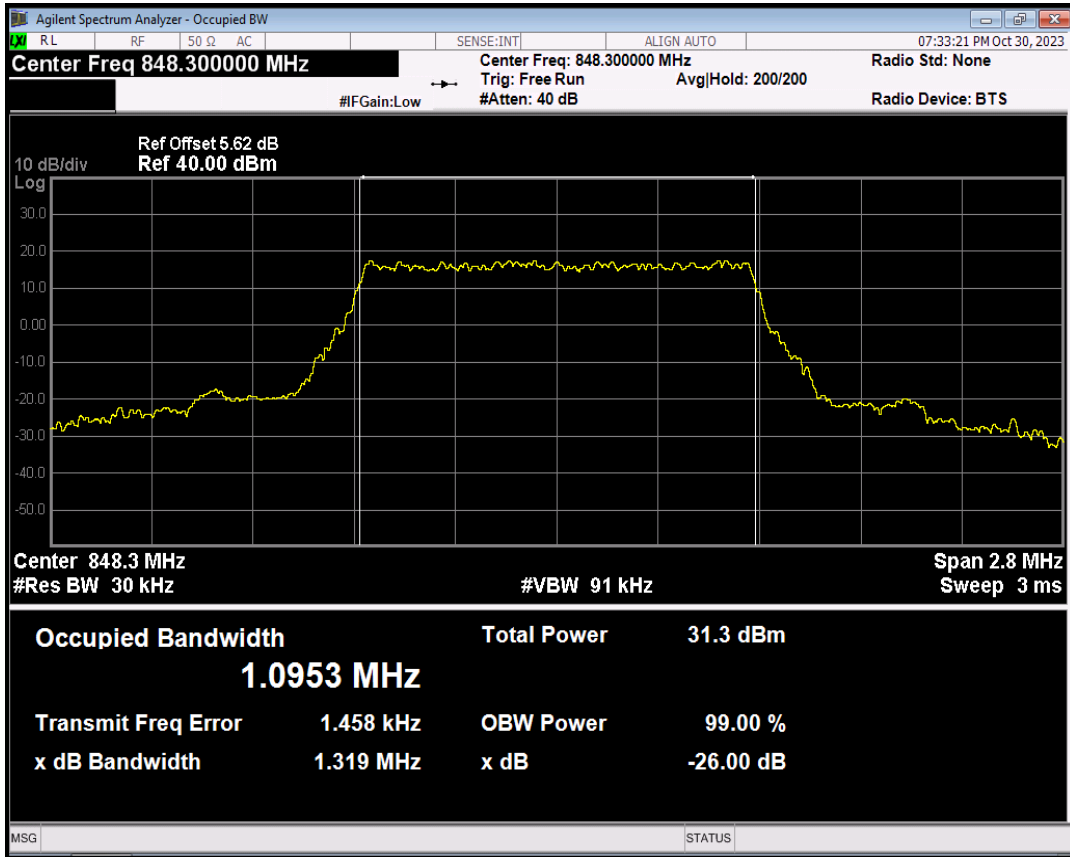
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



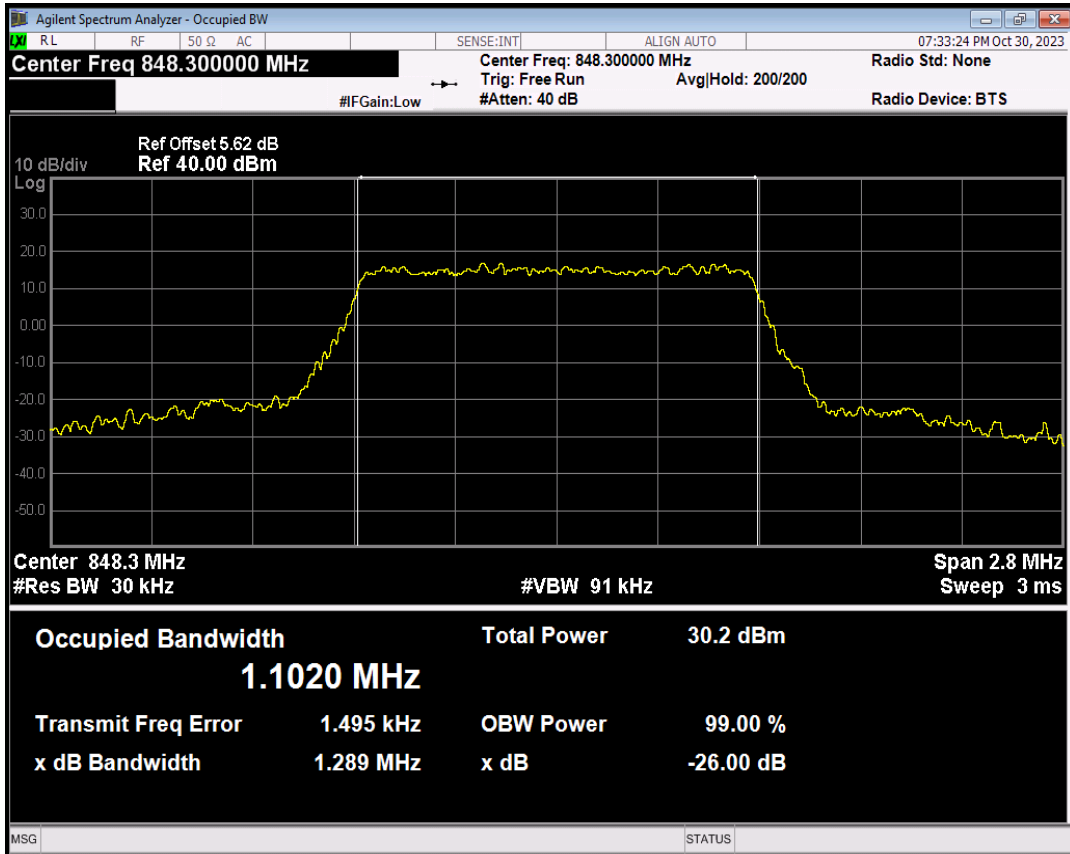
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



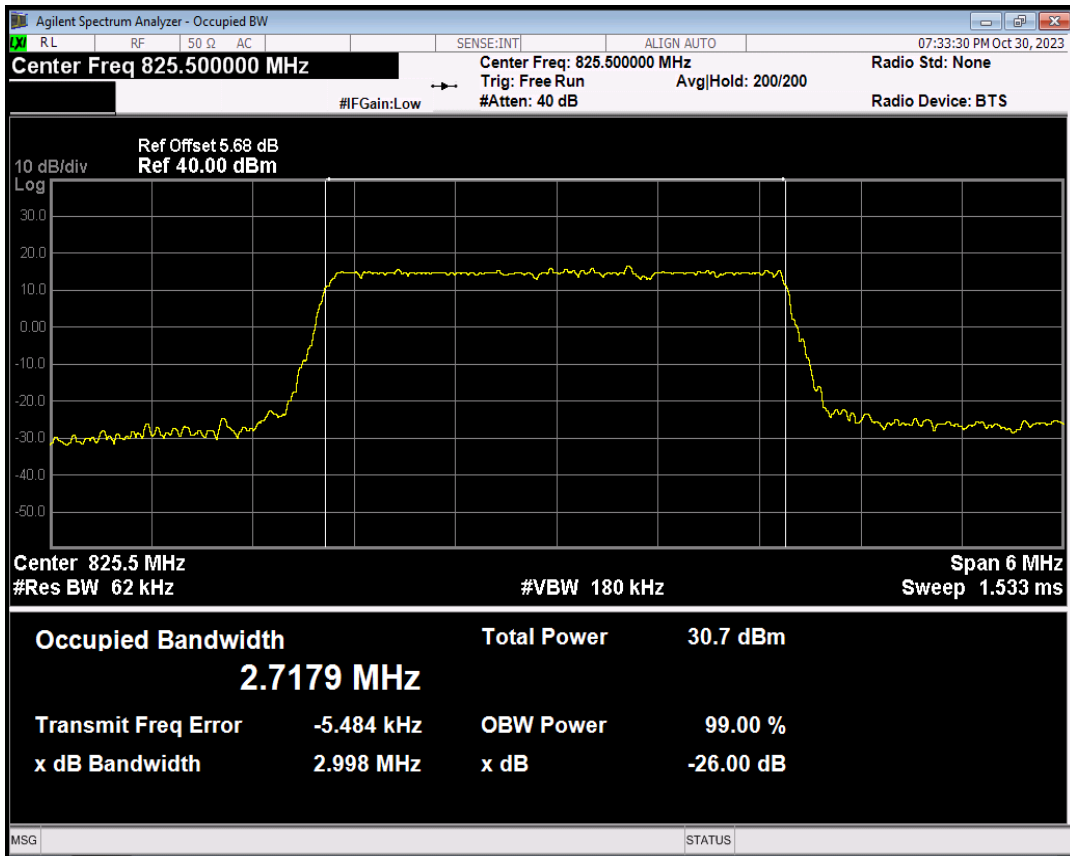
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



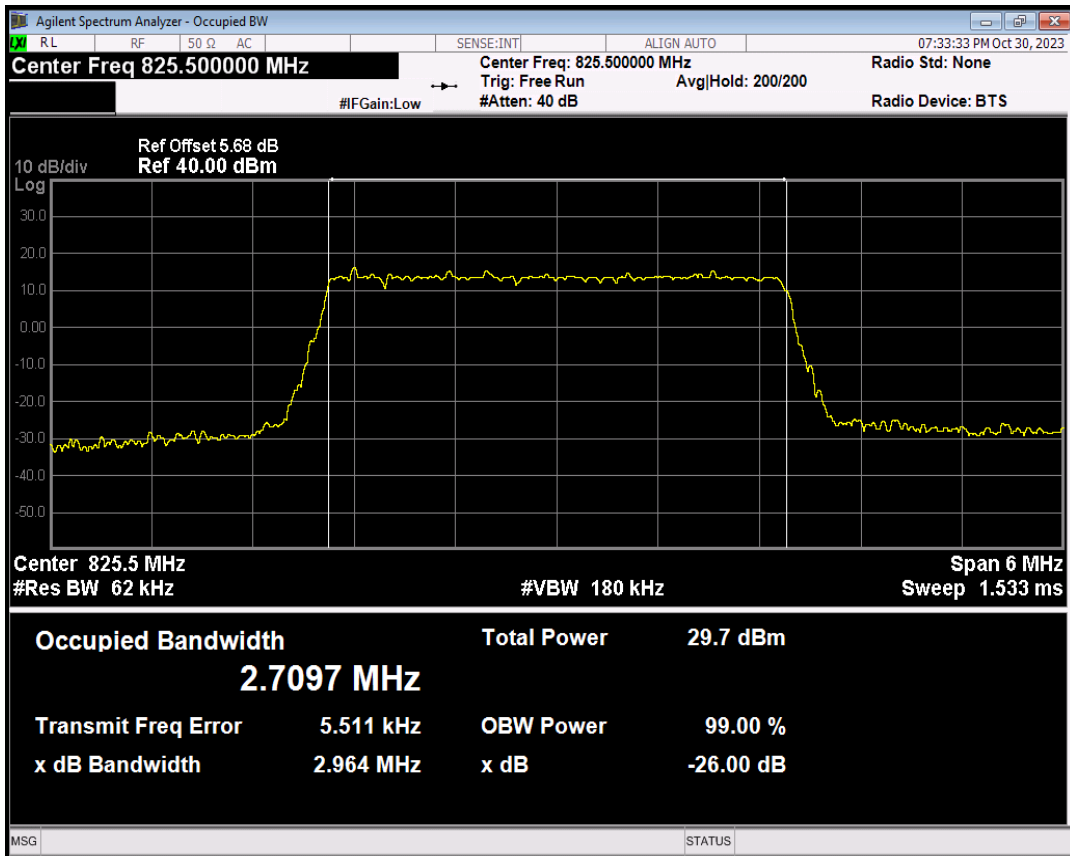
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



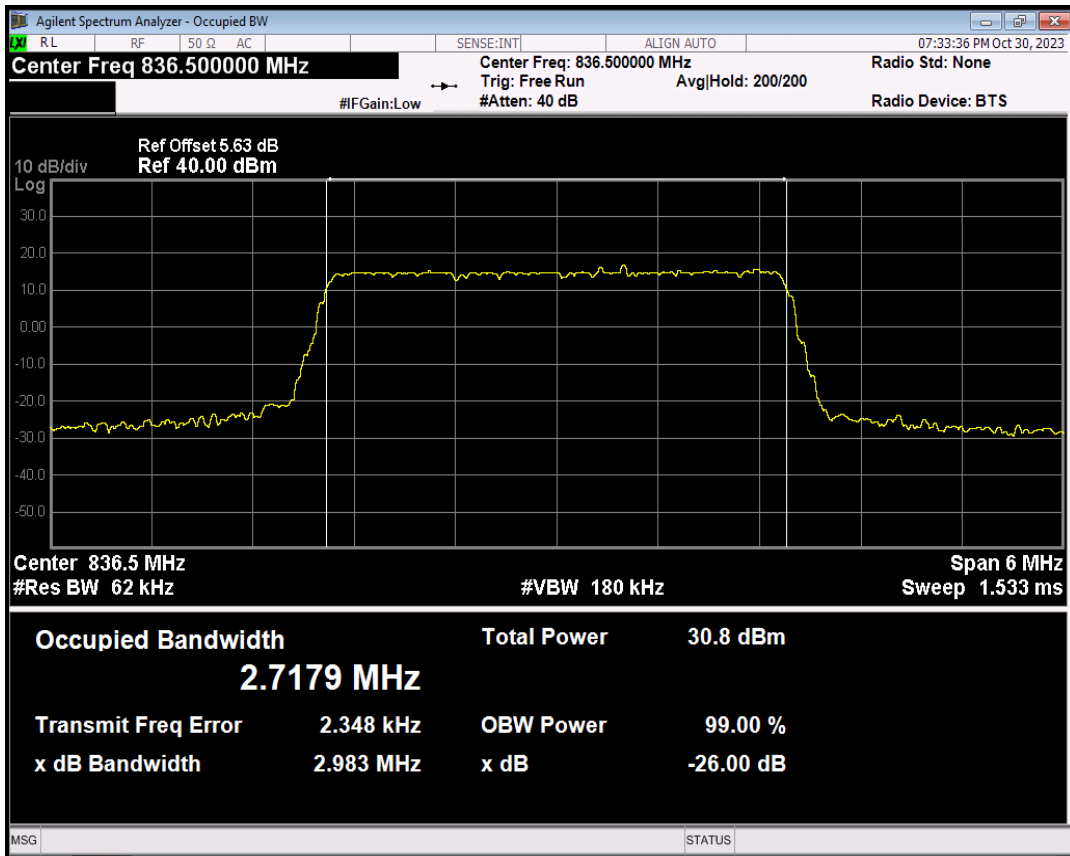
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



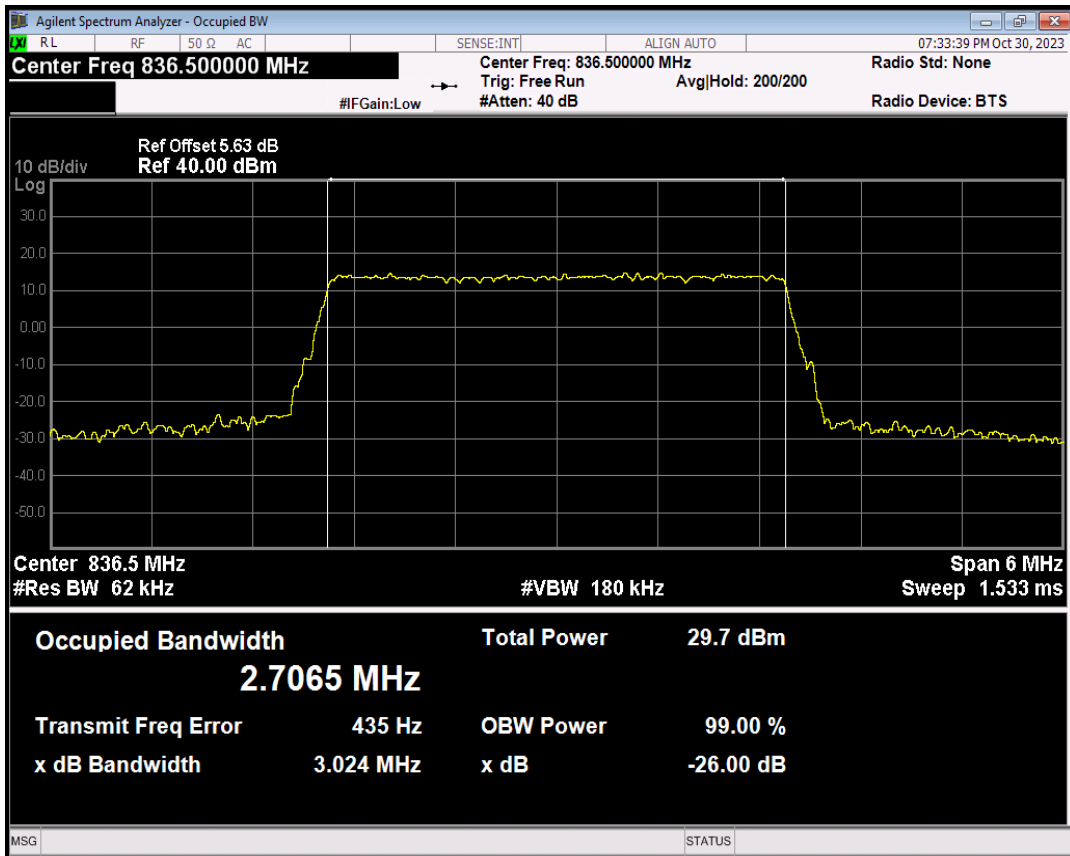
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



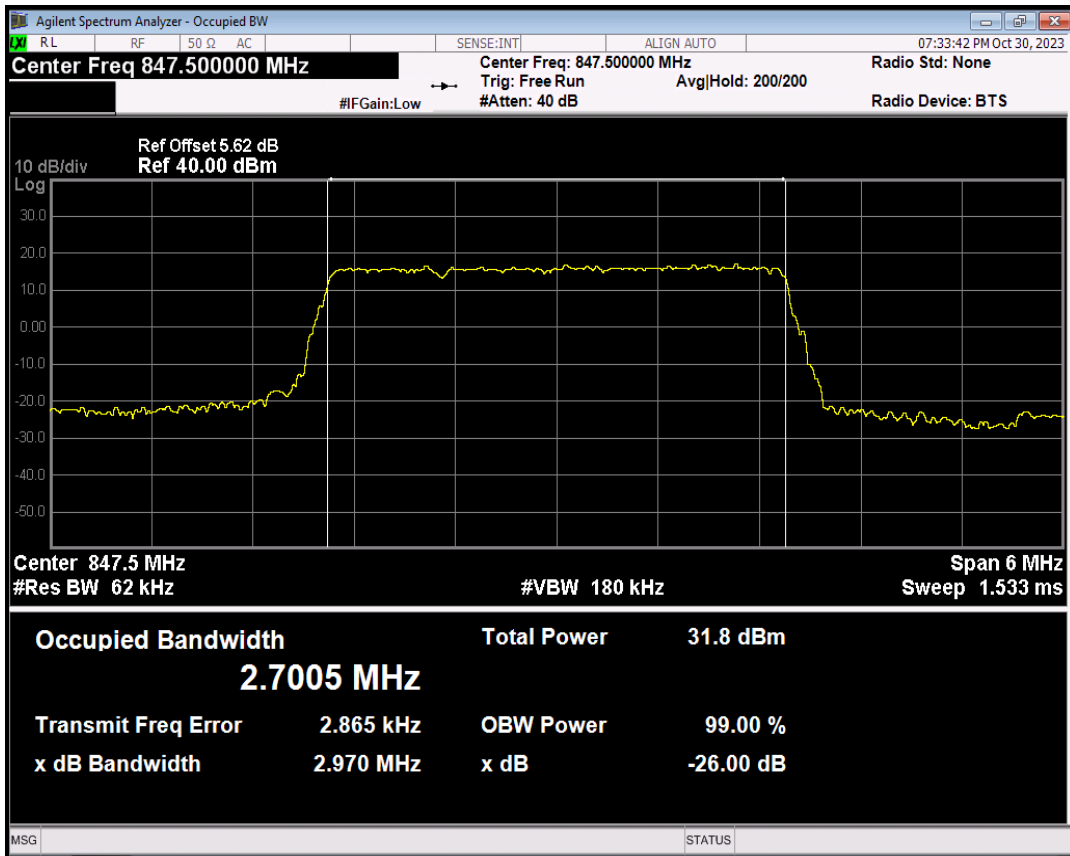
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



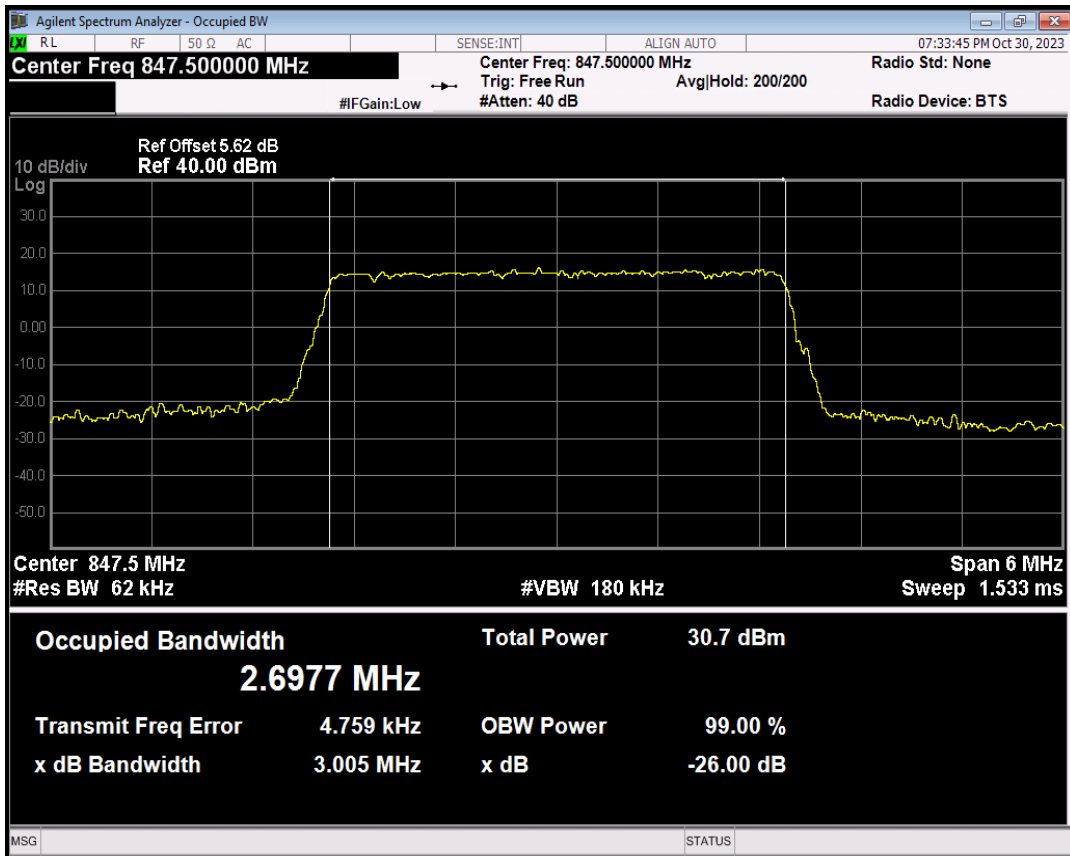
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



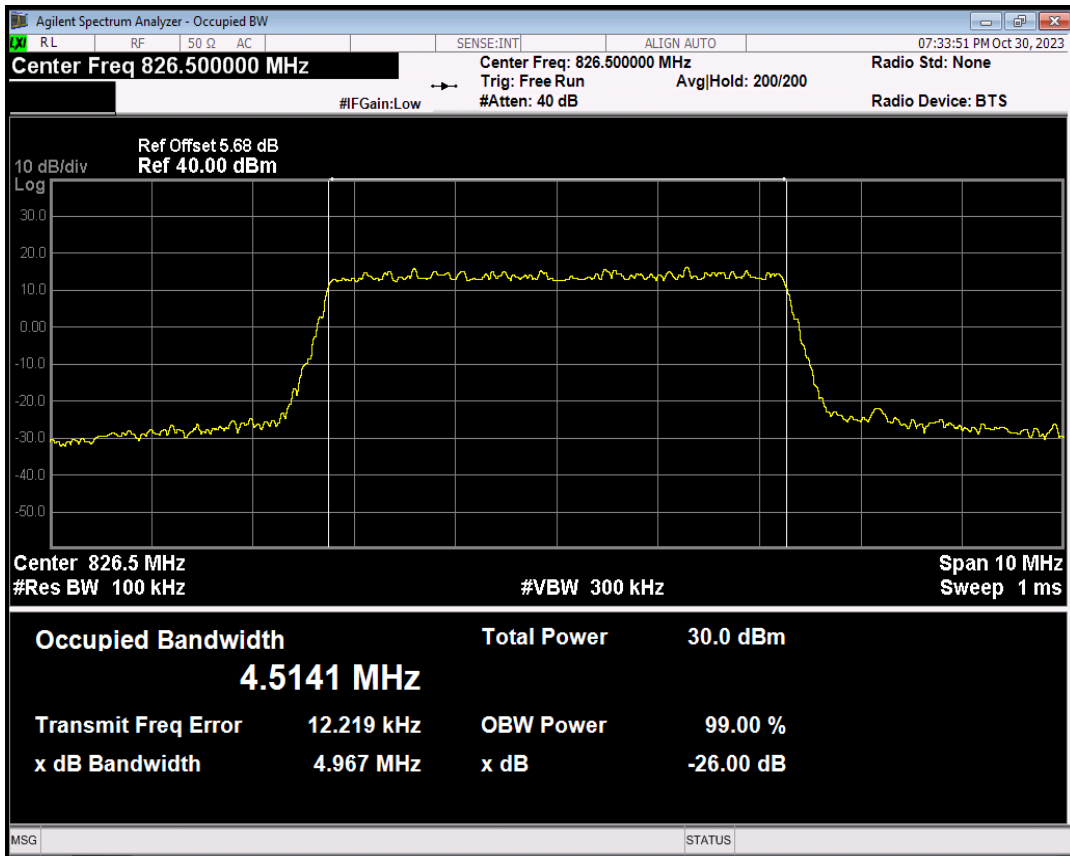
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



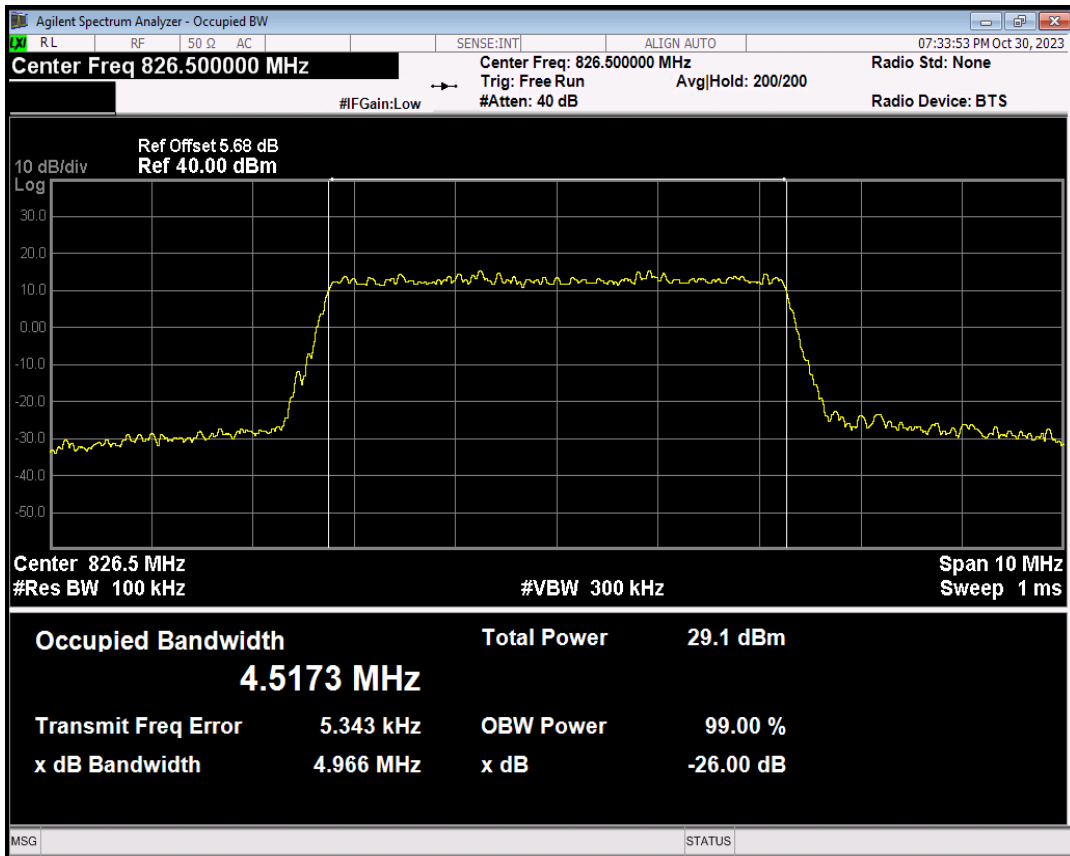
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



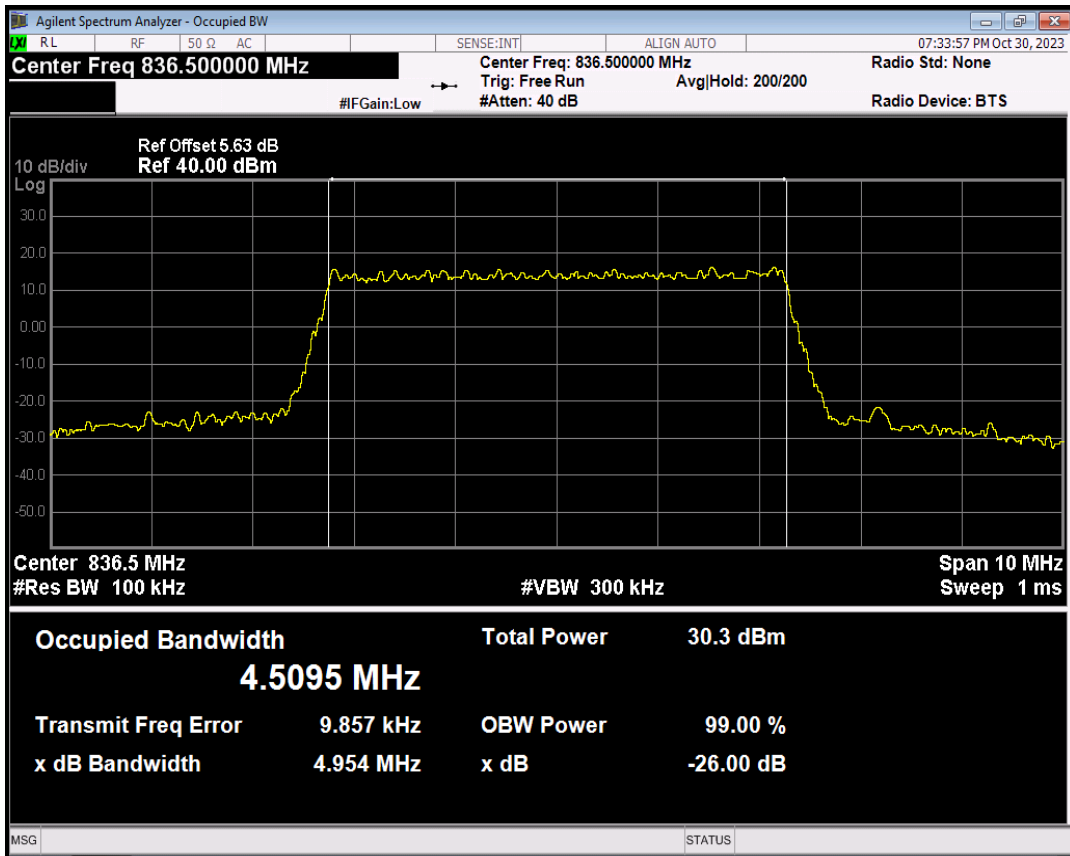
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



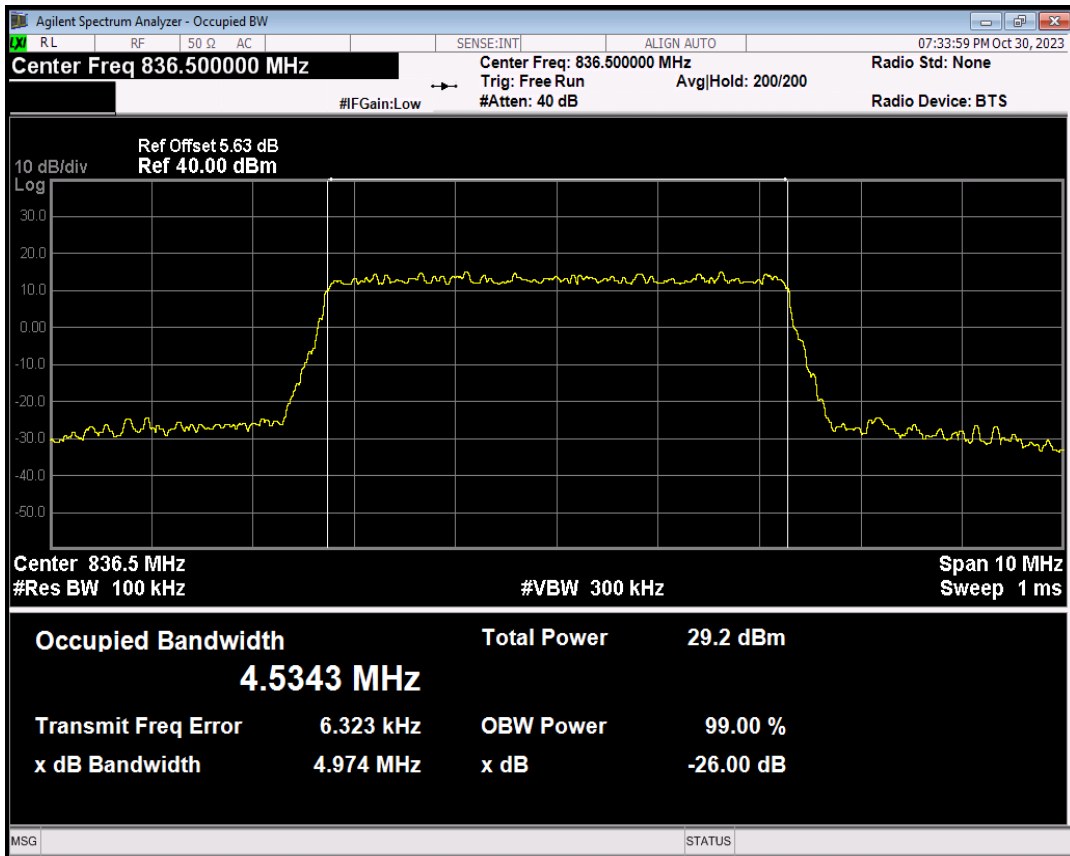
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



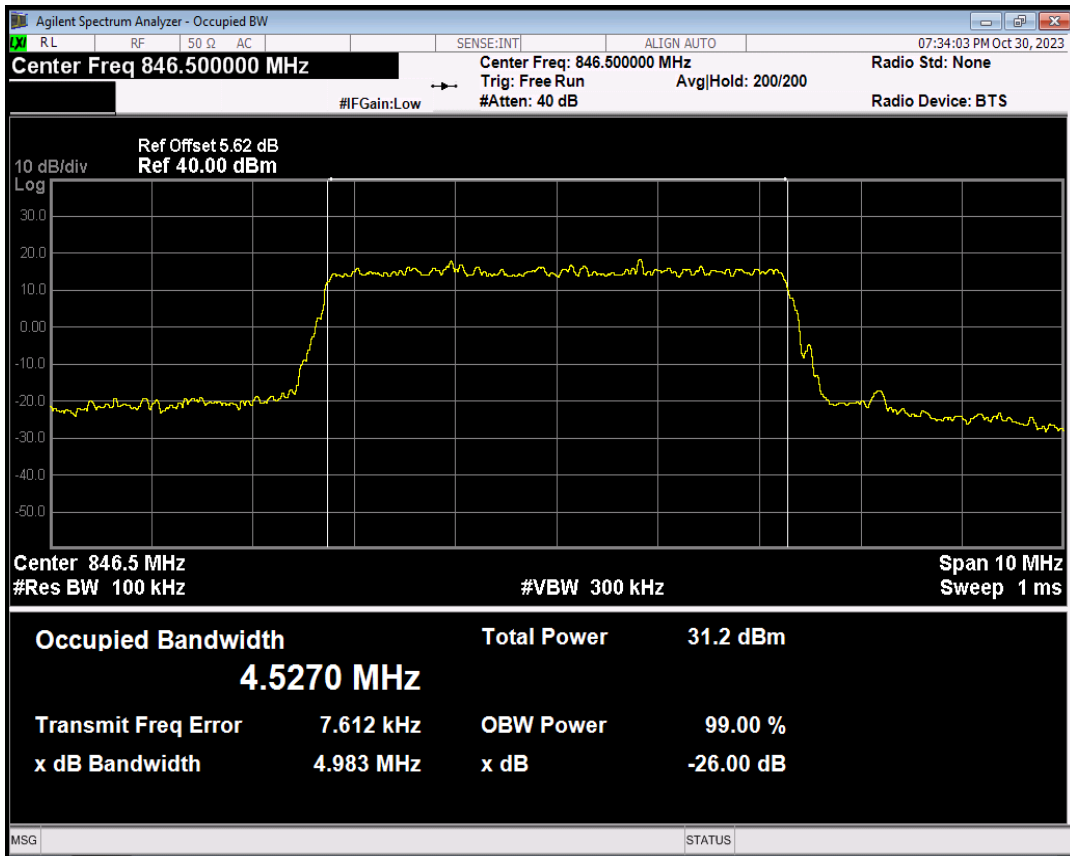
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



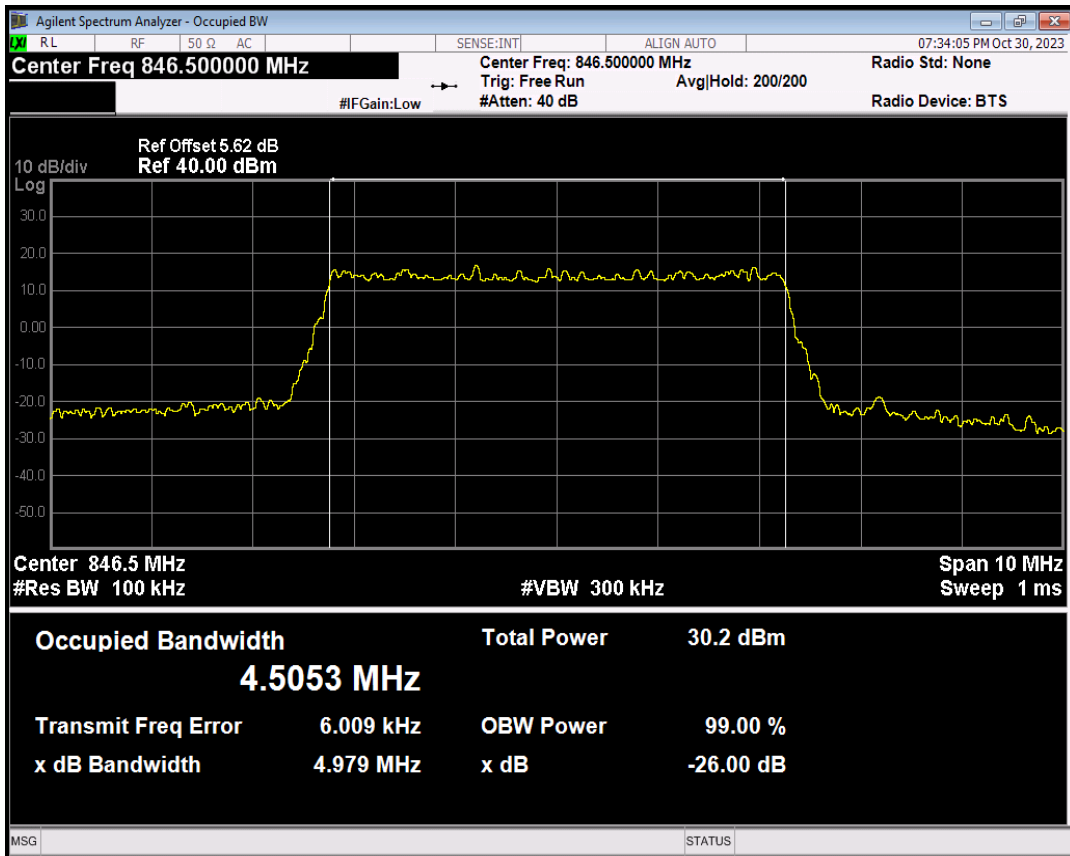
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



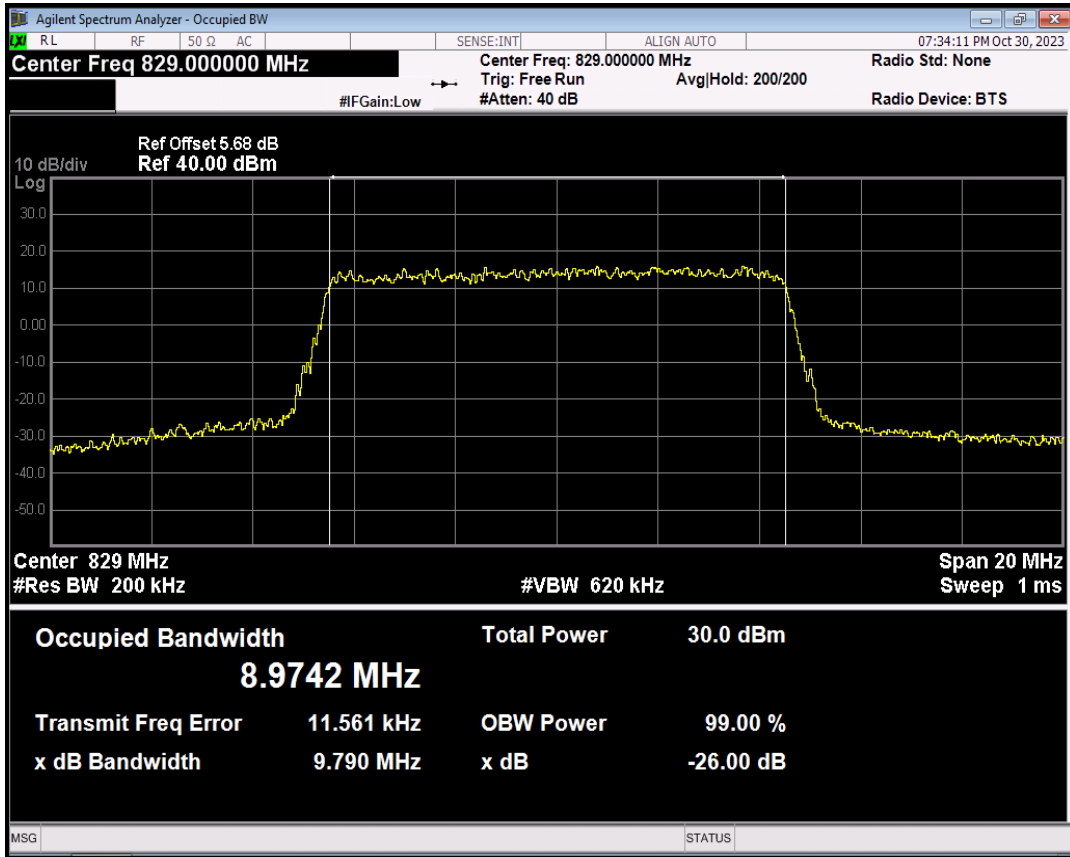
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



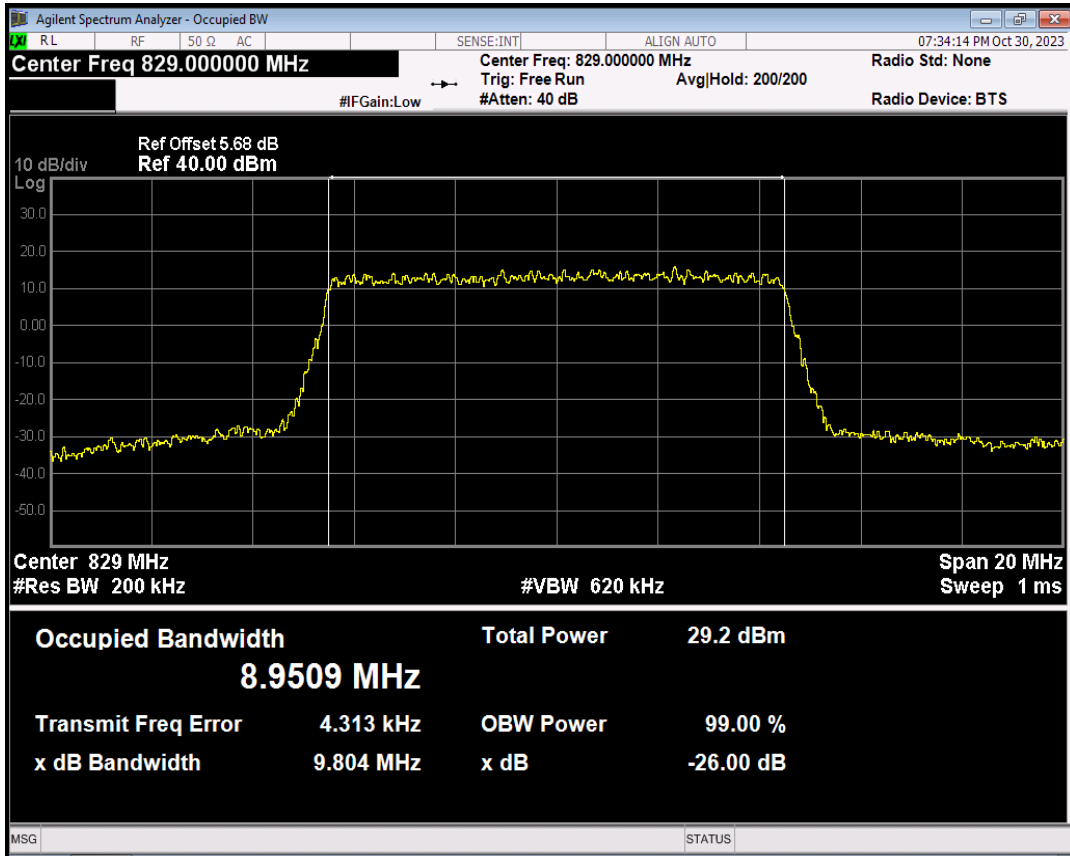
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



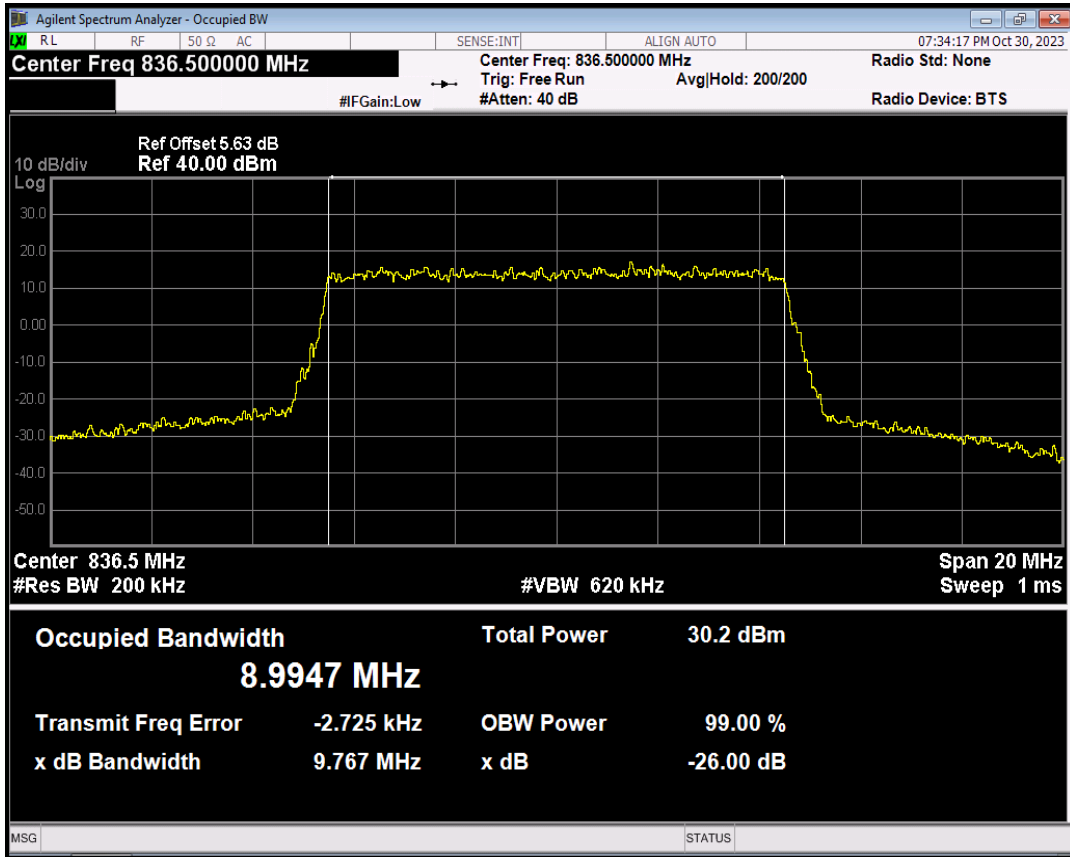
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



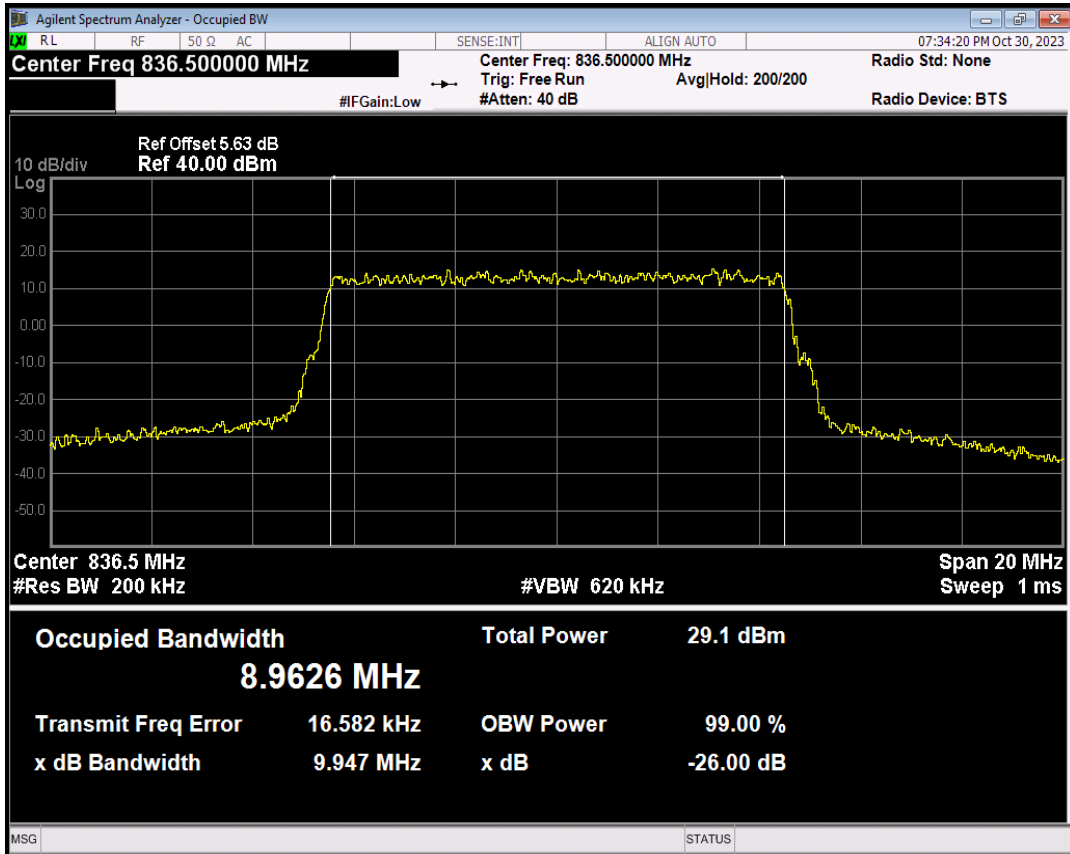
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



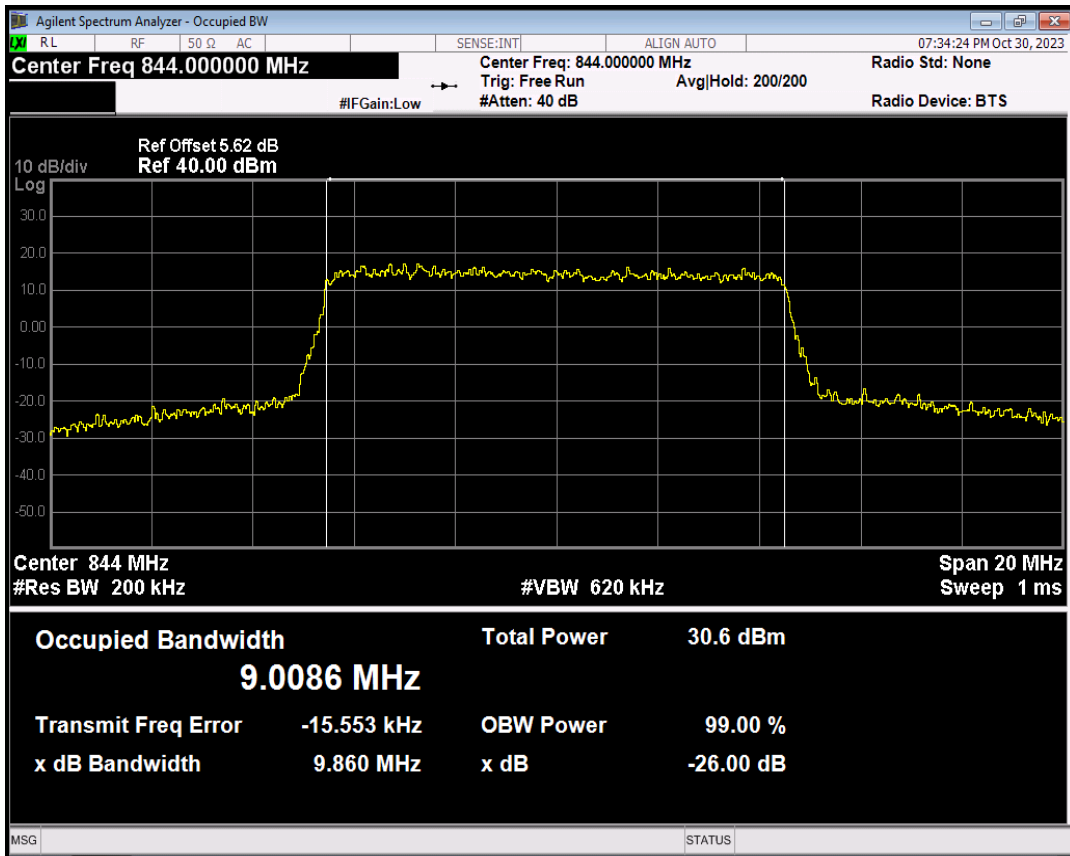
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



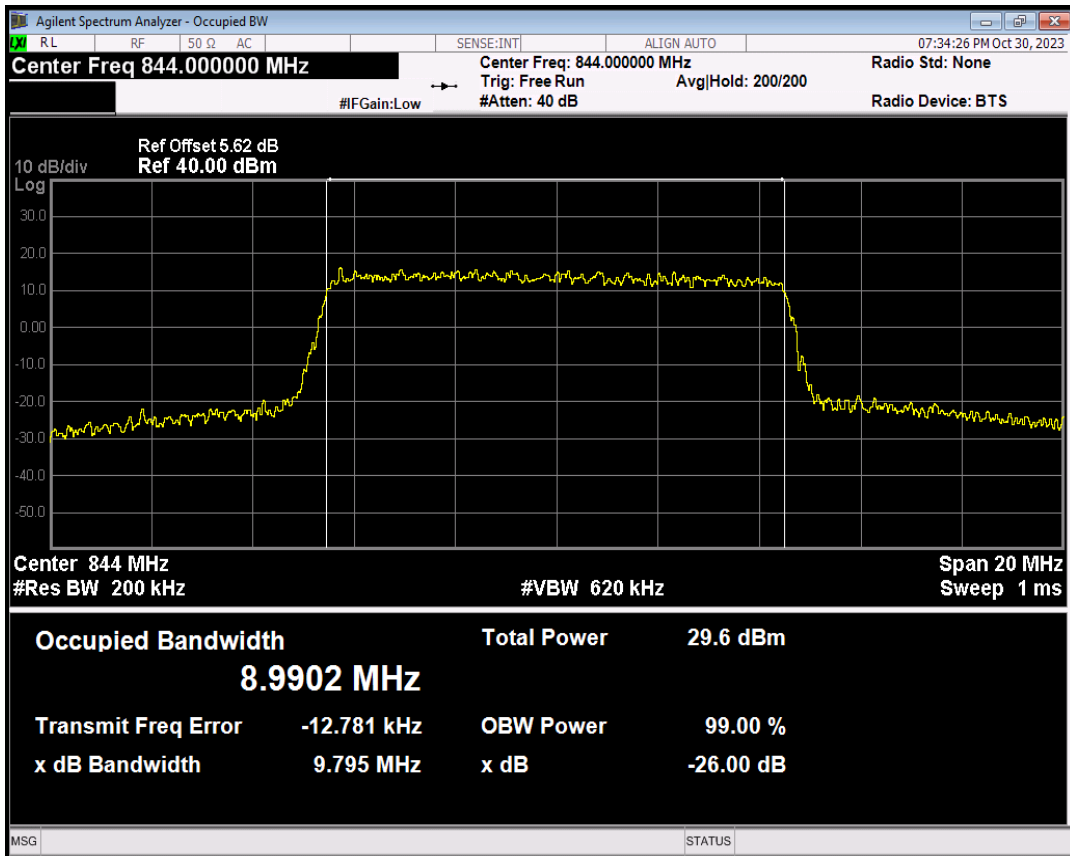
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0

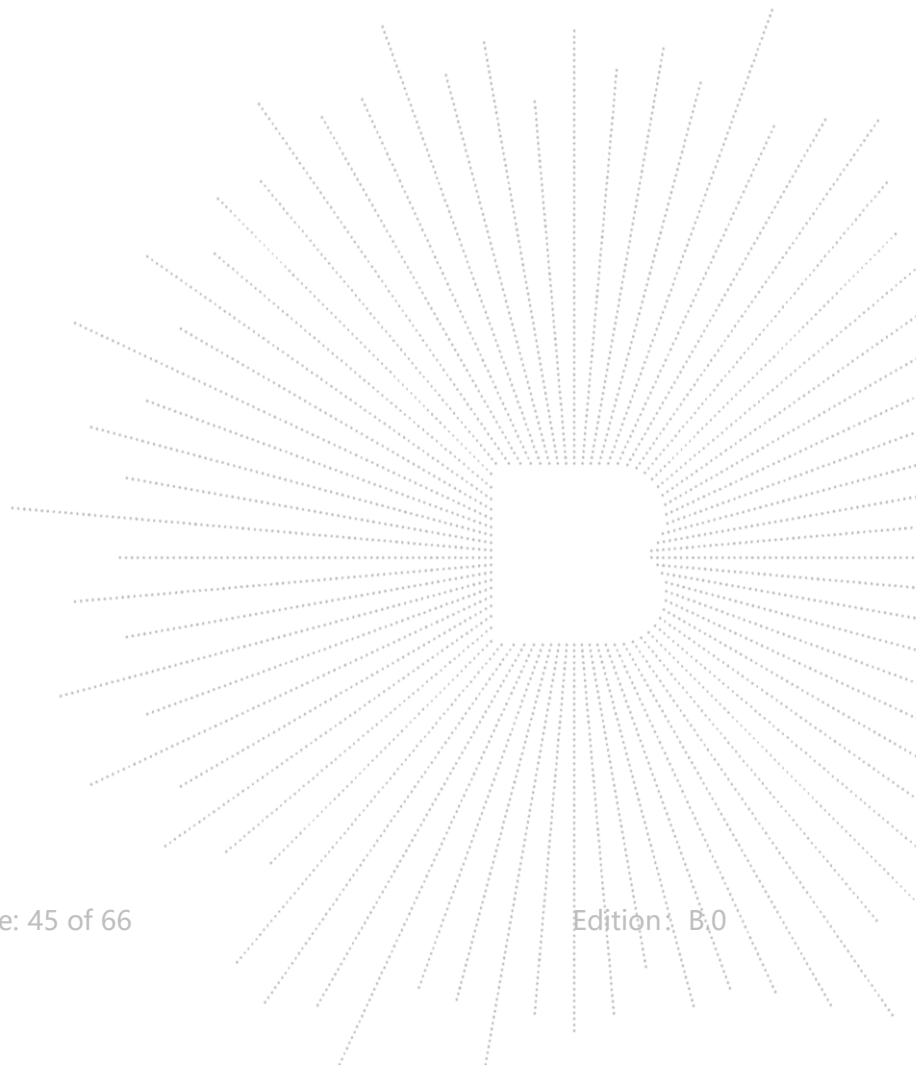


Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0

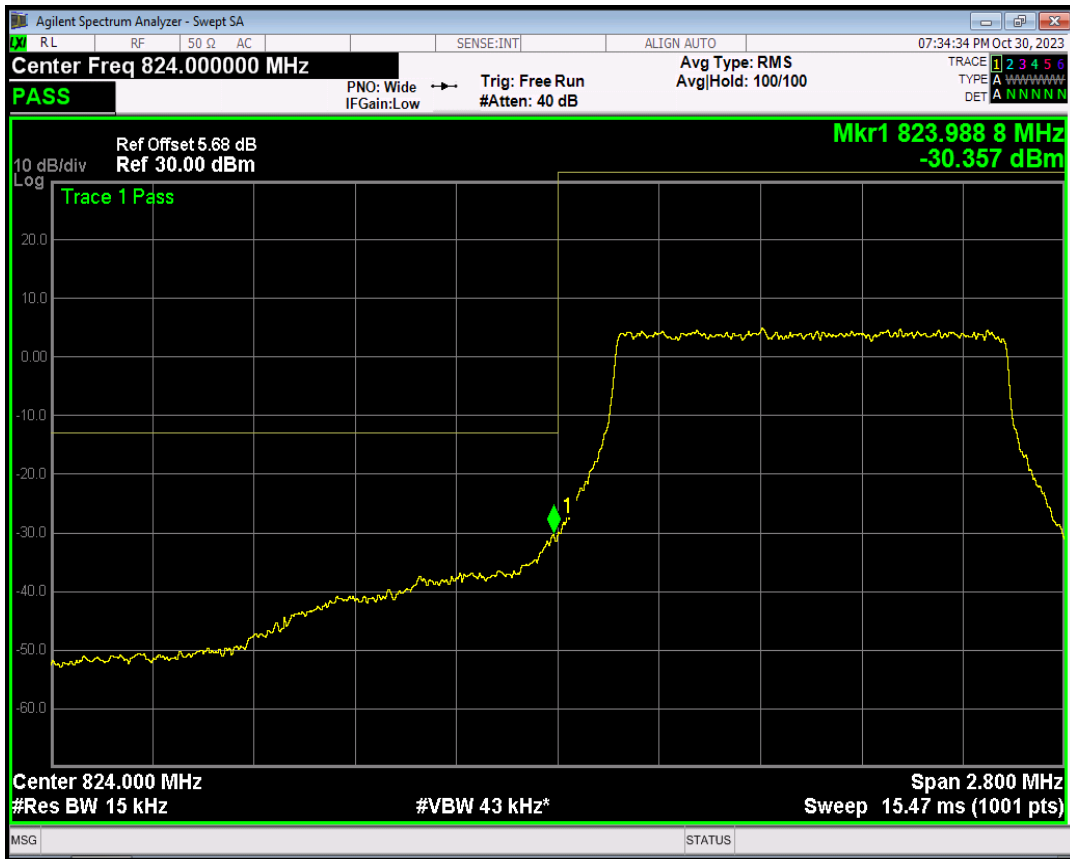


Appendix 5. Band edge

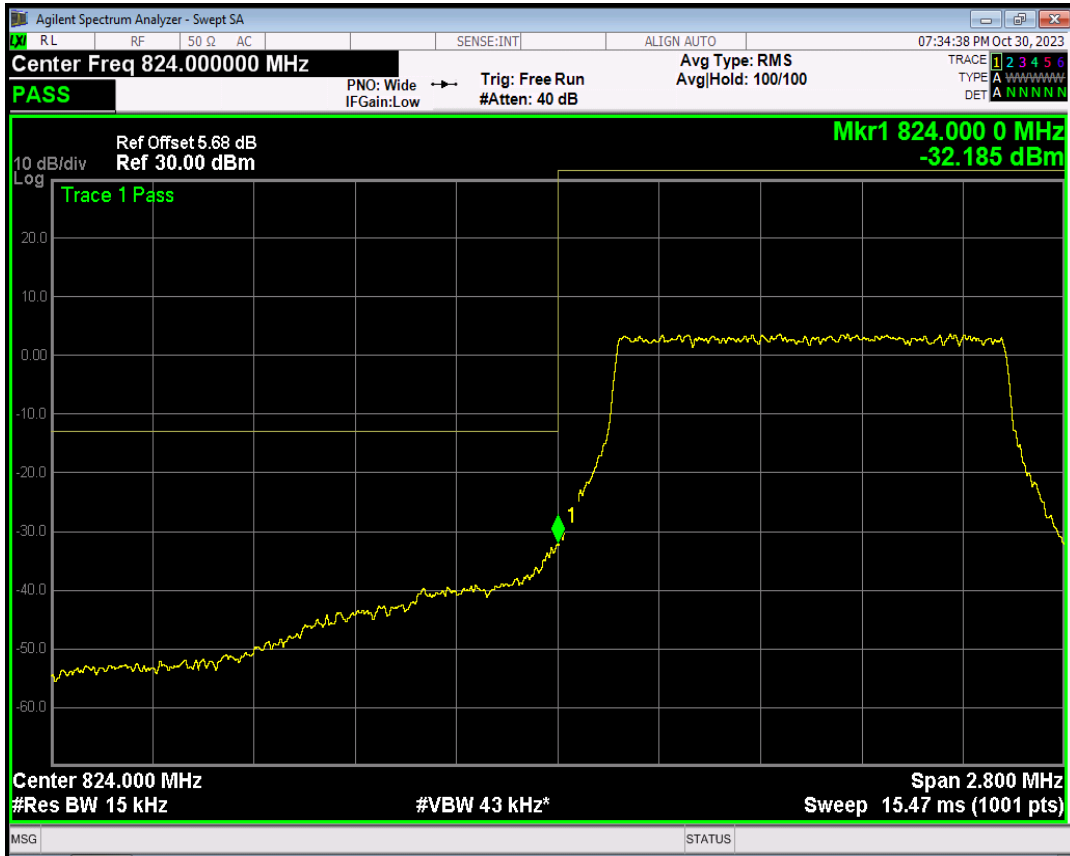
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	823.99	-30.35	-13	PASS
Band5	1.4	20407	6	#0	16QAM	824.00	-32.18	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.01	-29.73	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.00	-30.57	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-27.65	-13	PASS
Band5	3	20415	15	#0	16QAM	823.99	-29.93	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-27.44	-13	PASS
Band5	3	20635	15	#0	16QAM	849.00	-28.29	-13	PASS
Band5	5	20425	25	#0	QPSK	823.98	-29.61	-13	PASS
Band5	5	20425	25	#0	16QAM	824.00	-28.50	-13	PASS
Band5	5	20625	25	#0	QPSK	849.01	-27.01	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-27.32	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-32.74	-13	PASS
Band5	10	20450	50	#0	16QAM	823.98	-34.10	-13	PASS
Band5	10	20600	50	#0	QPSK	849.04	-28.06	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-30.54	-13	PASS



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



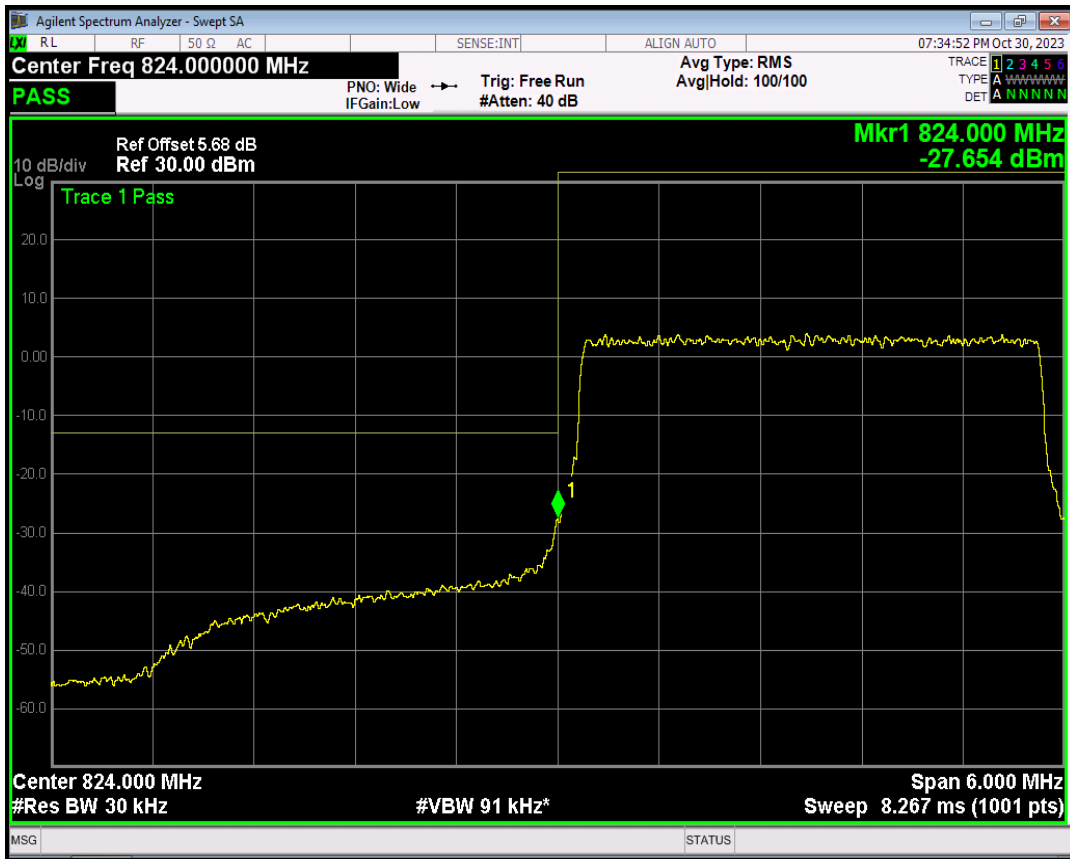
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



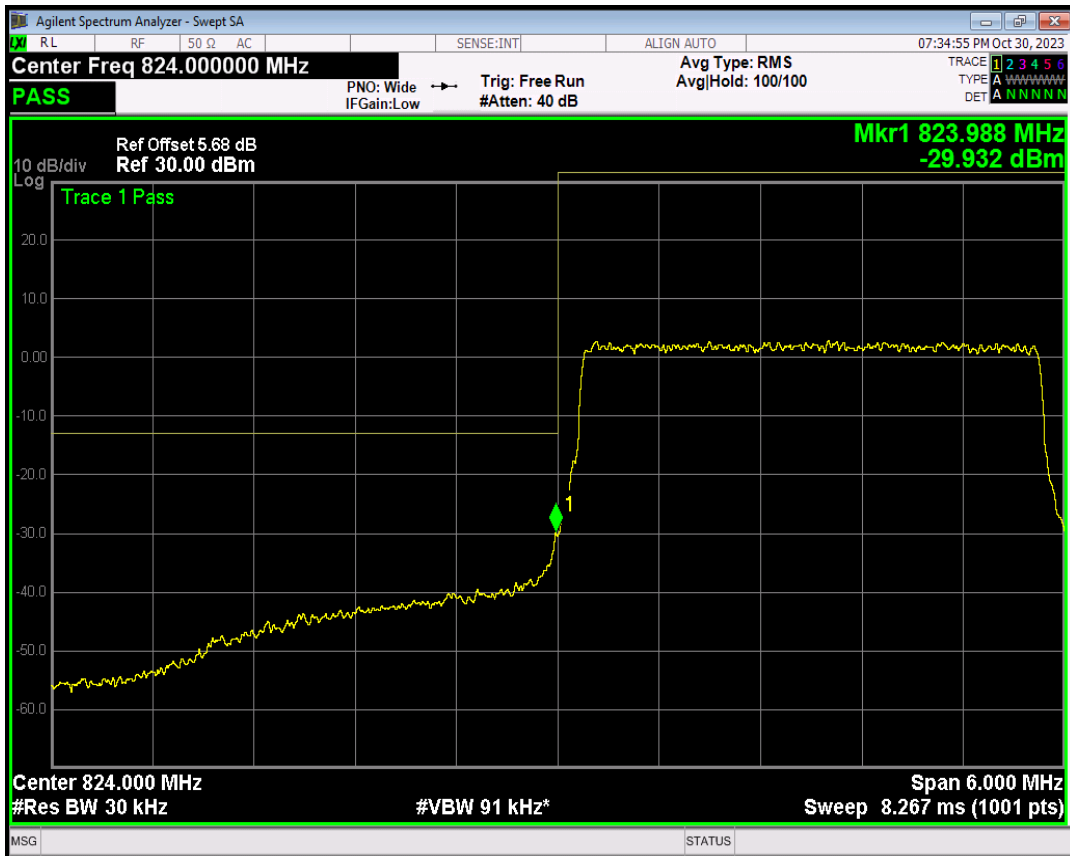
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



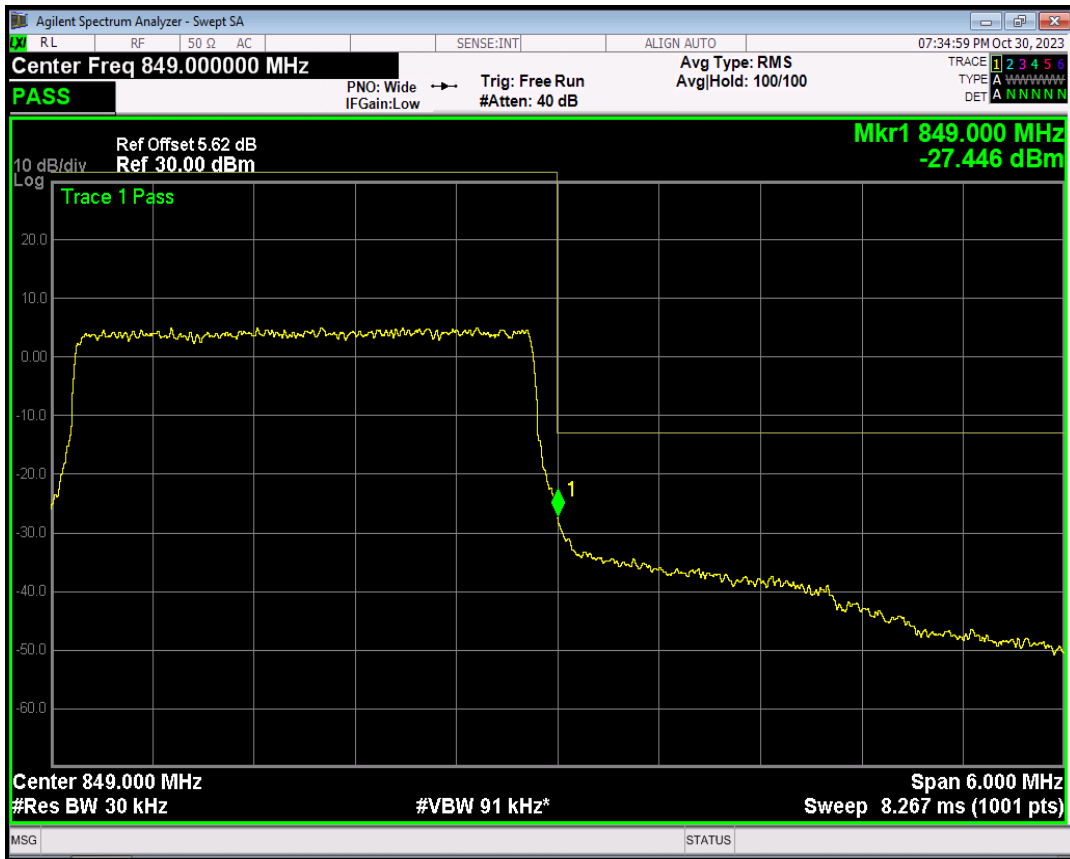
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



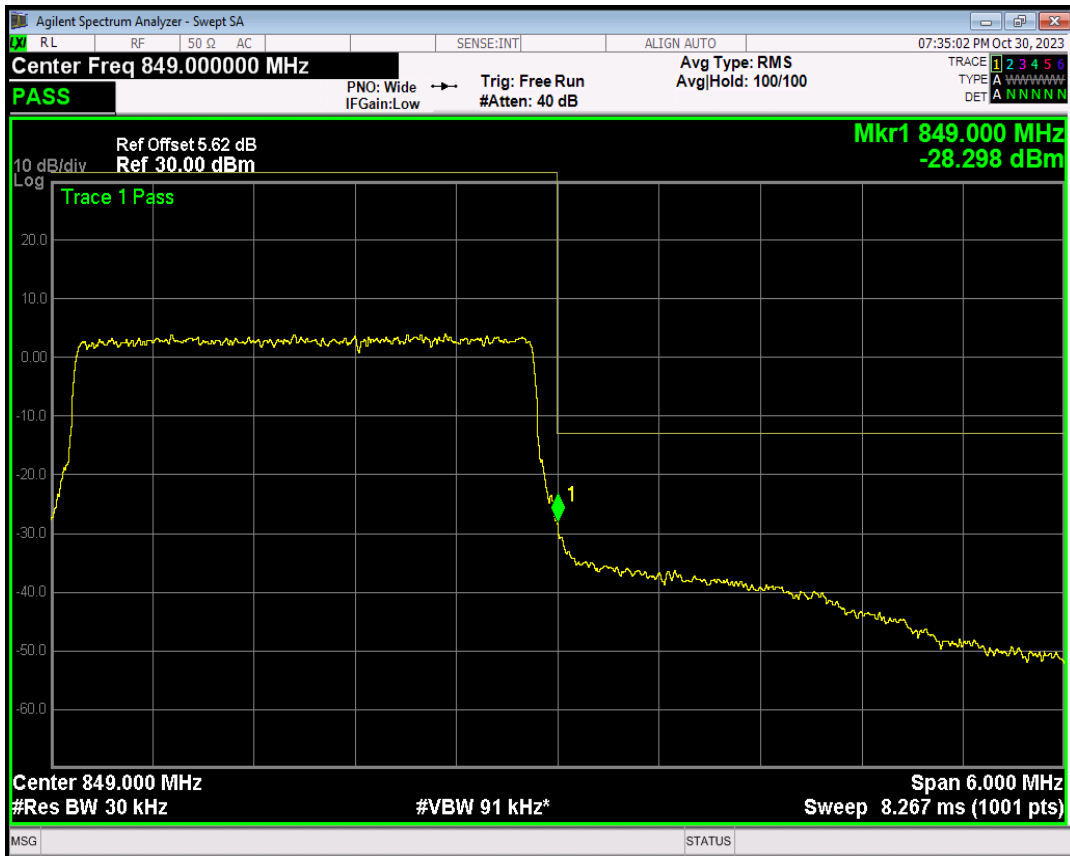
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



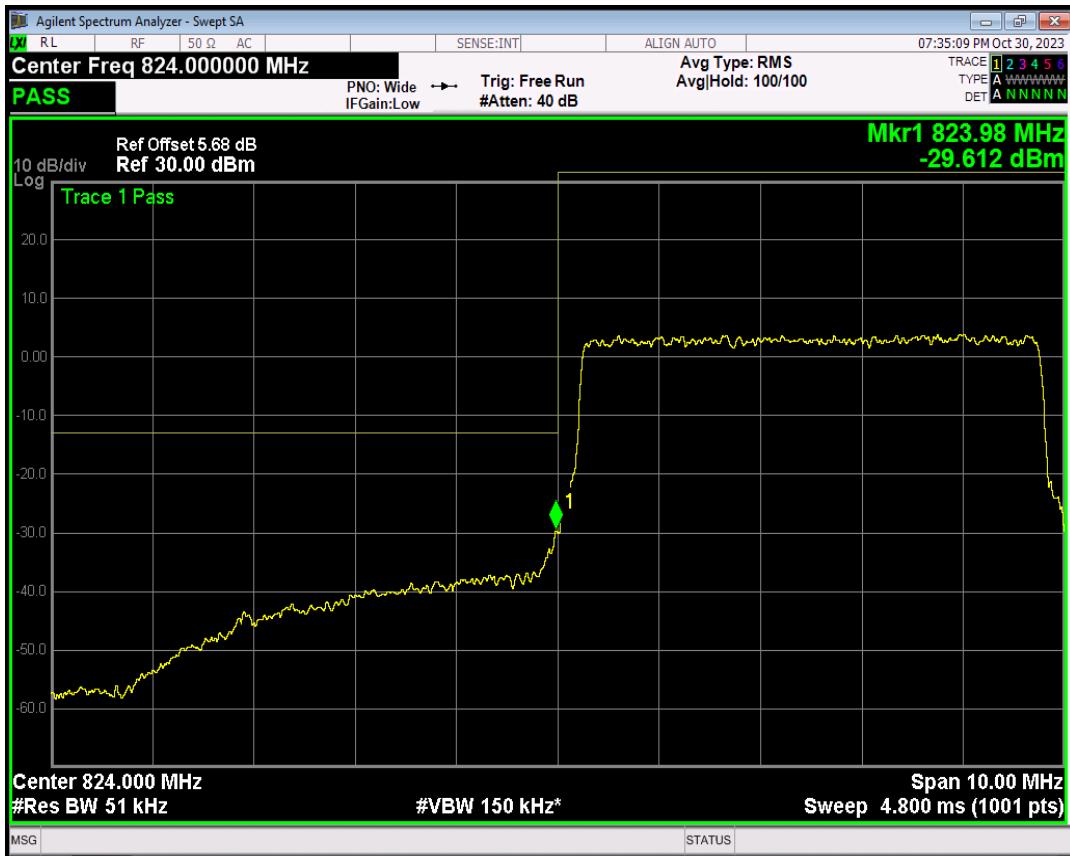
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



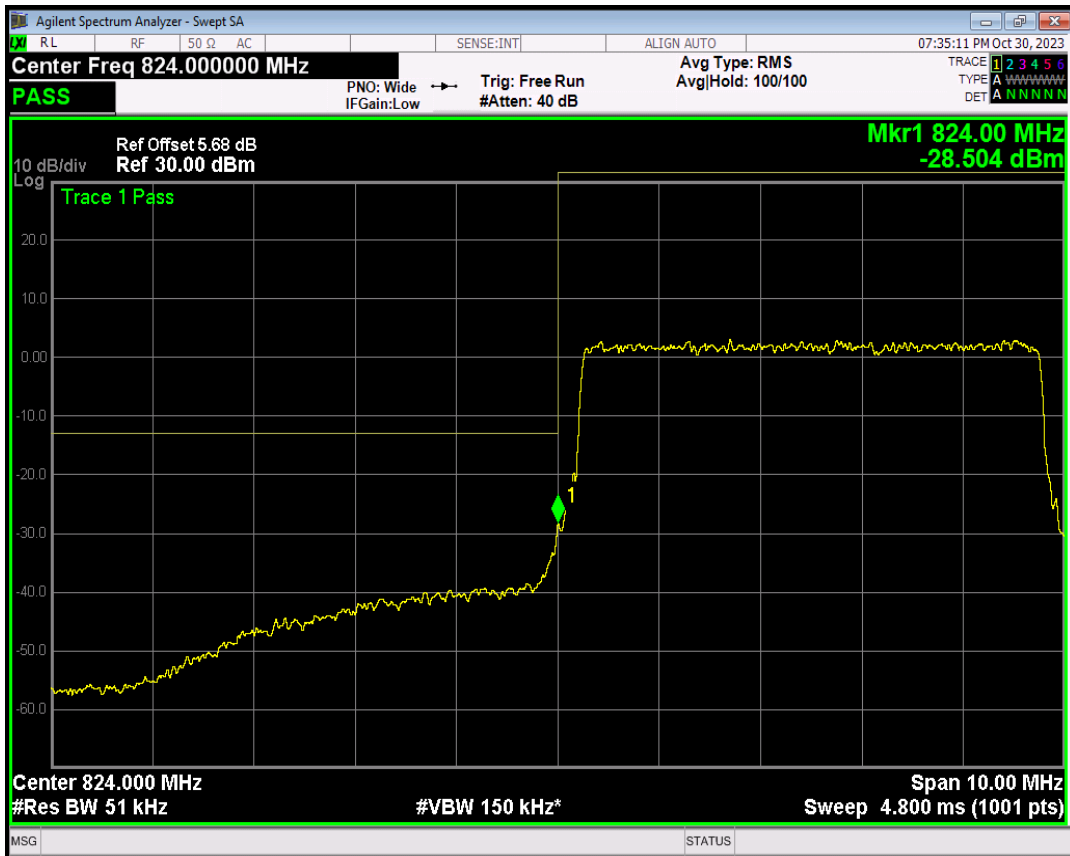
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



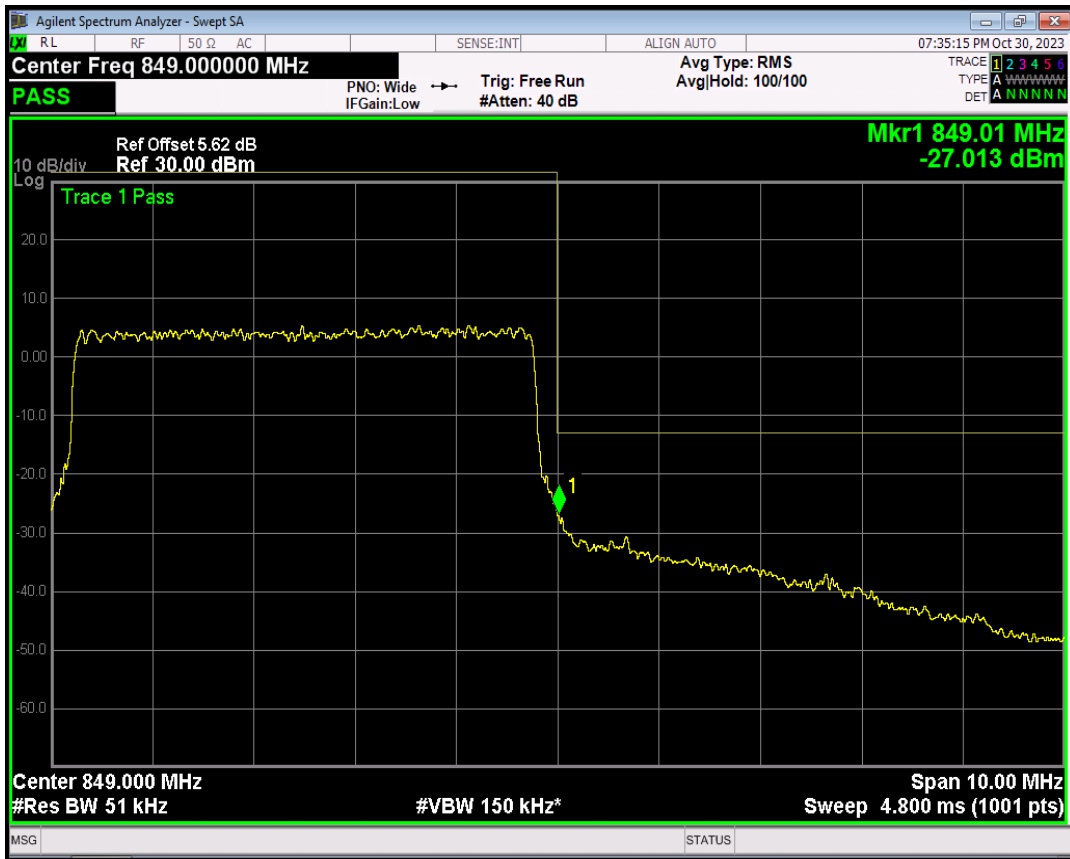
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



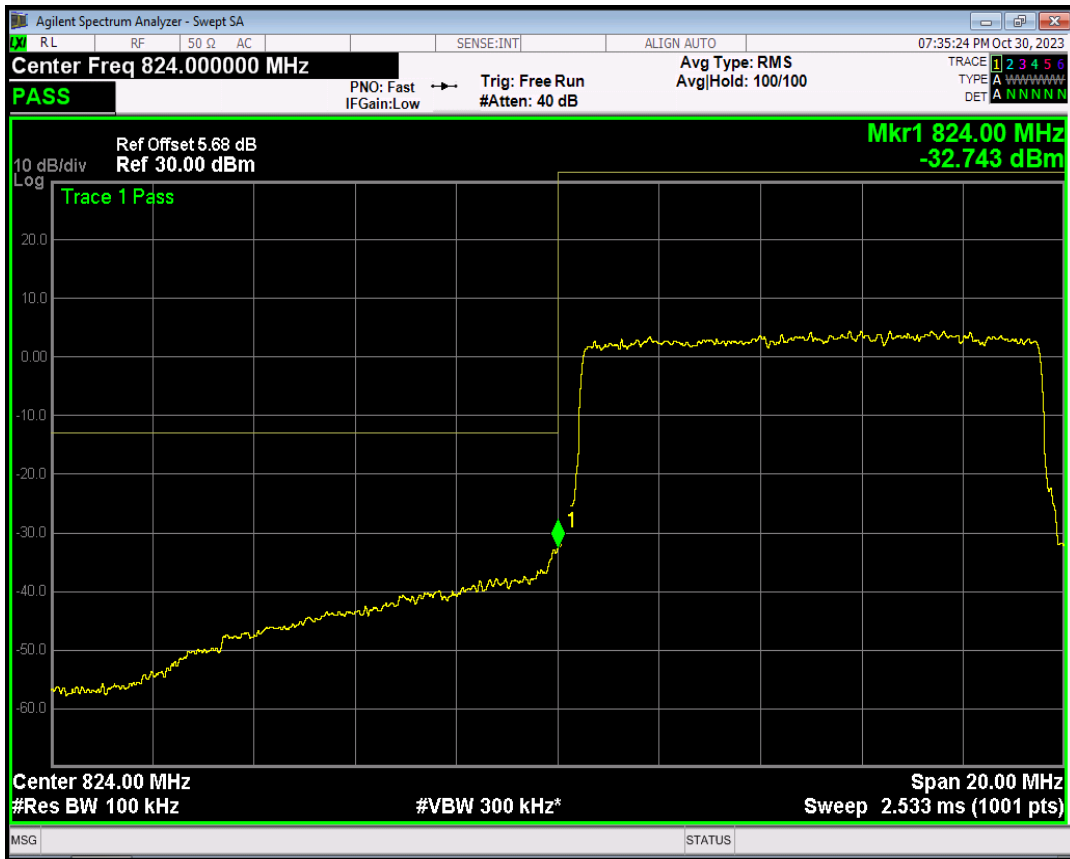
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



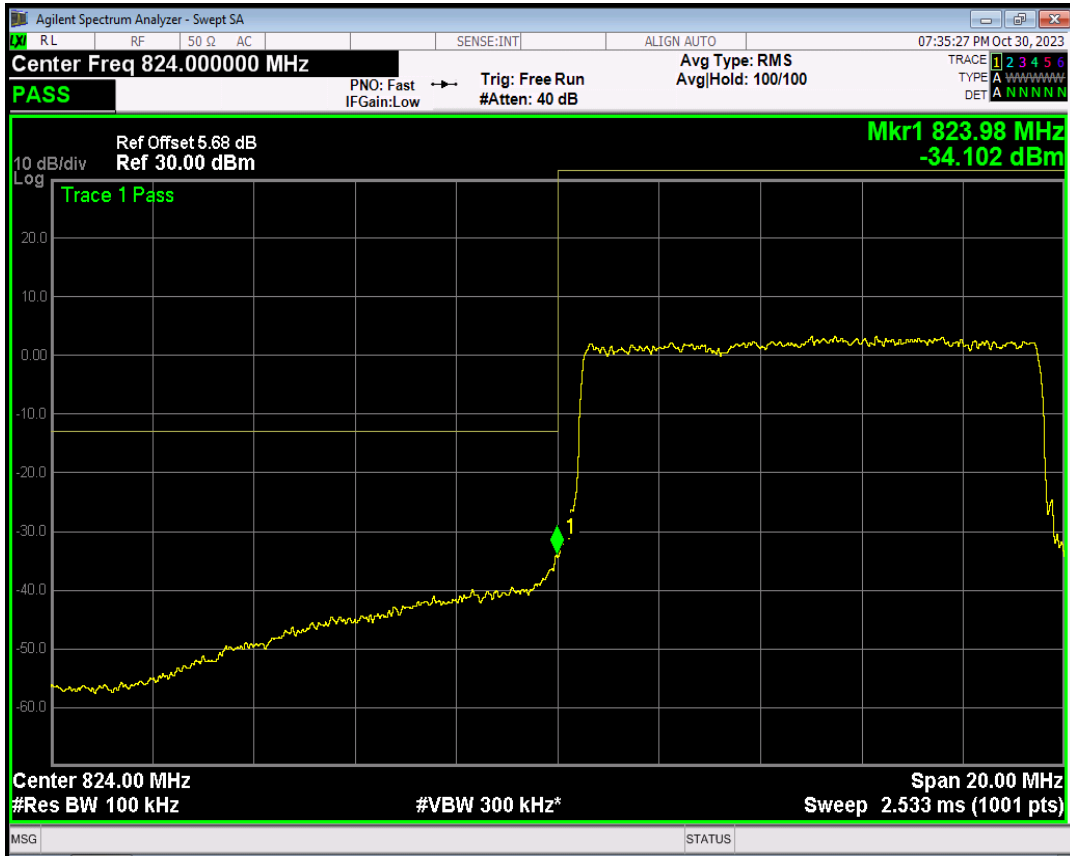
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



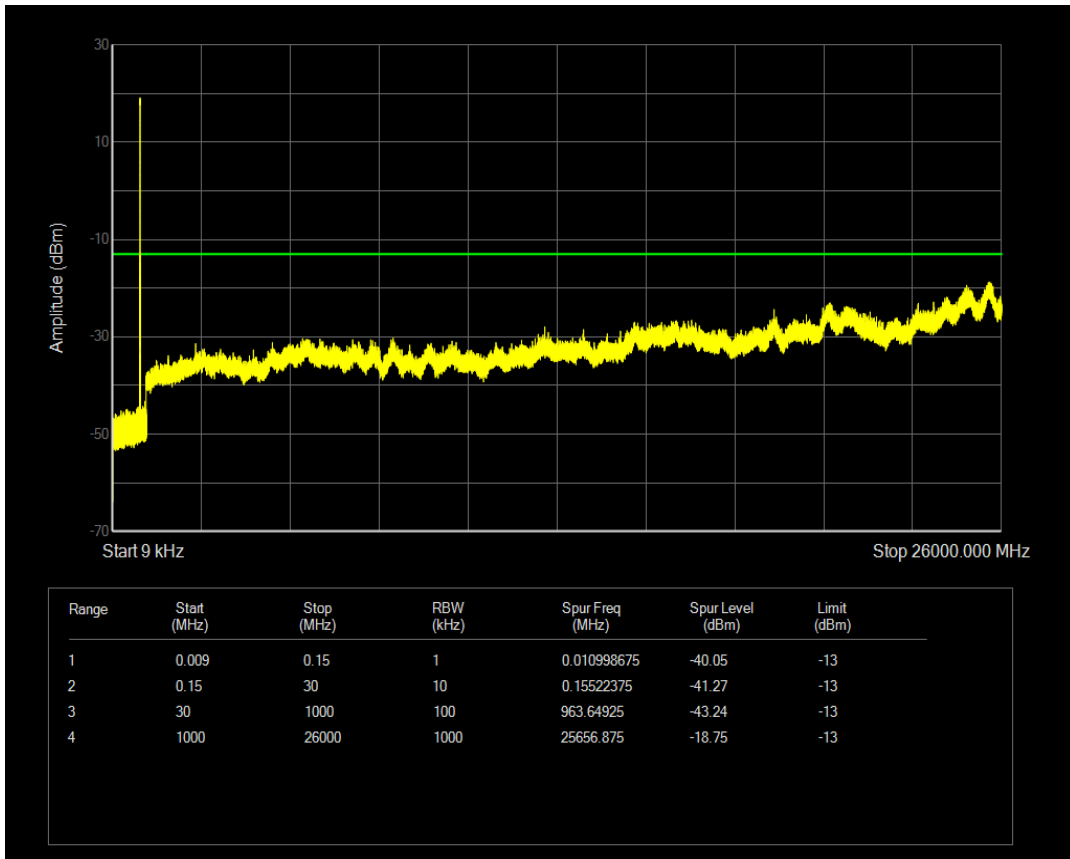
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



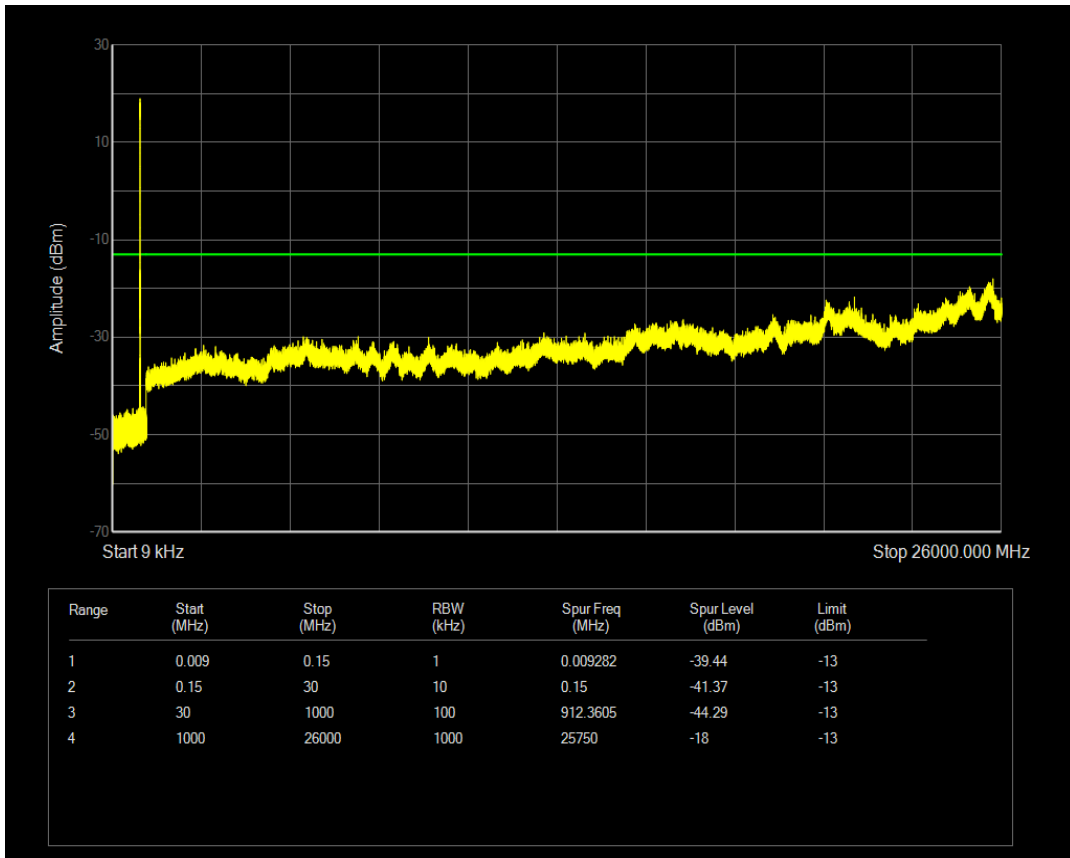
Appendix 6. Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	25656.88	-18.75	-13	PASS
Band5	1.4	20407	6	#0	16QAM	25750.00	-18.00	-13	PASS
Band5	1.4	20525	6	#0	QPSK	25582.50	-18.85	-13	PASS
Band5	1.4	20525	6	#0	16QAM	25643.75	-18.45	-13	PASS
Band5	1.4	20643	6	#0	QPSK	25630.00	-18.11	-13	PASS
Band5	1.4	20643	6	#0	16QAM	25635.00	-18.21	-13	PASS
Band5	3	20415	15	#0	QPSK	25595.63	-18.09	-13	PASS
Band5	3	20415	15	#0	16QAM	25715.00	-18.27	-13	PASS
Band5	3	20525	15	#0	QPSK	25667.50	-18.23	-13	PASS
Band5	3	20525	15	#0	16QAM	25618.13	-17.88	-13	PASS
Band5	3	20635	15	#0	QPSK	25708.13	-17.45	-13	PASS
Band5	3	20635	15	#0	16QAM	25633.75	-18.72	-13	PASS
Band5	5	20425	25	#0	QPSK	25608.75	-18.55	-13	PASS
Band5	5	20425	25	#0	16QAM	25638.13	-17.63	-13	PASS
Band5	5	20525	25	#0	QPSK	25604.38	-17.53	-13	PASS
Band5	5	20525	25	#0	16QAM	25616.88	-17.70	-13	PASS
Band5	5	20625	25	#0	QPSK	25635.63	-17.99	-13	PASS
Band5	5	20625	25	#0	16QAM	25625.00	-18.32	-13	PASS
Band5	10	20450	50	#0	QPSK	25636.88	-17.73	-13	PASS
Band5	10	20450	50	#0	16QAM	25618.75	-17.77	-13	PASS
Band5	10	20525	50	#0	QPSK	25676.25	-18.86	-13	PASS
Band5	10	20525	50	#0	16QAM	25615.63	-17.83	-13	PASS
Band5	10	20600	50	#0	QPSK	25649.38	-18.42	-13	PASS
Band5	10	20600	50	#0	16QAM	25622.50	-17.66	-13	PASS

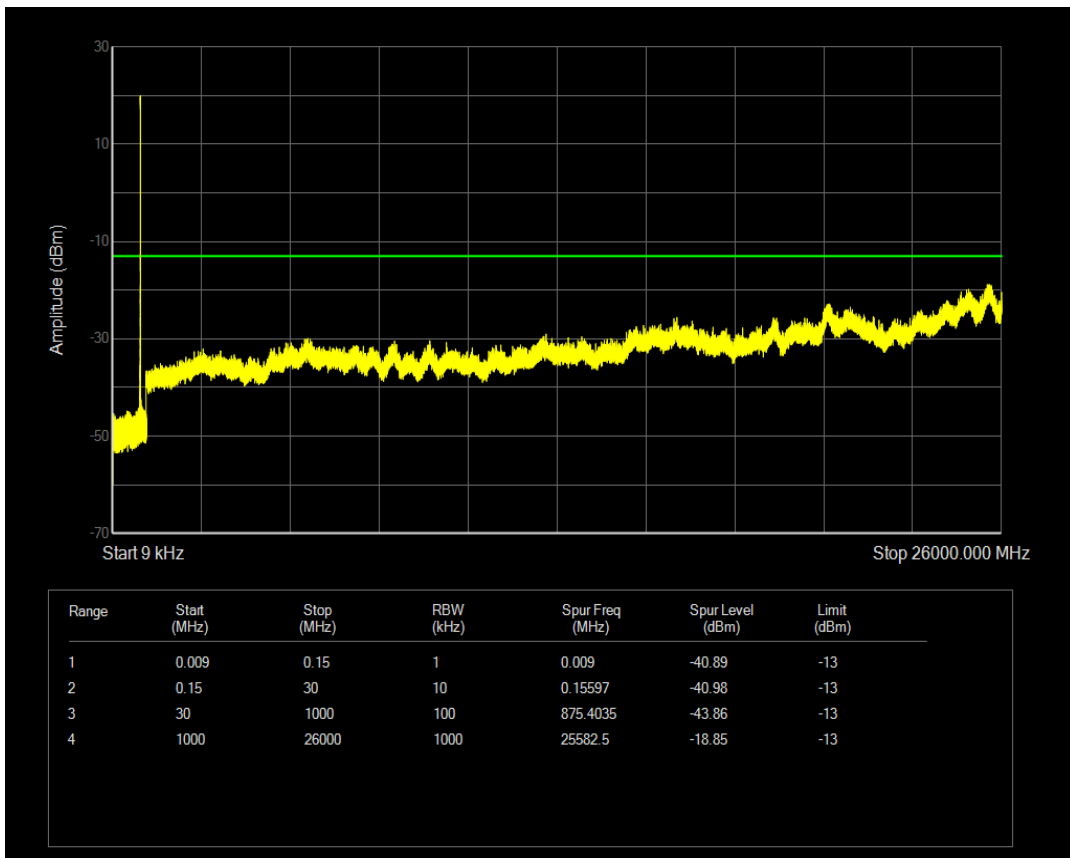
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



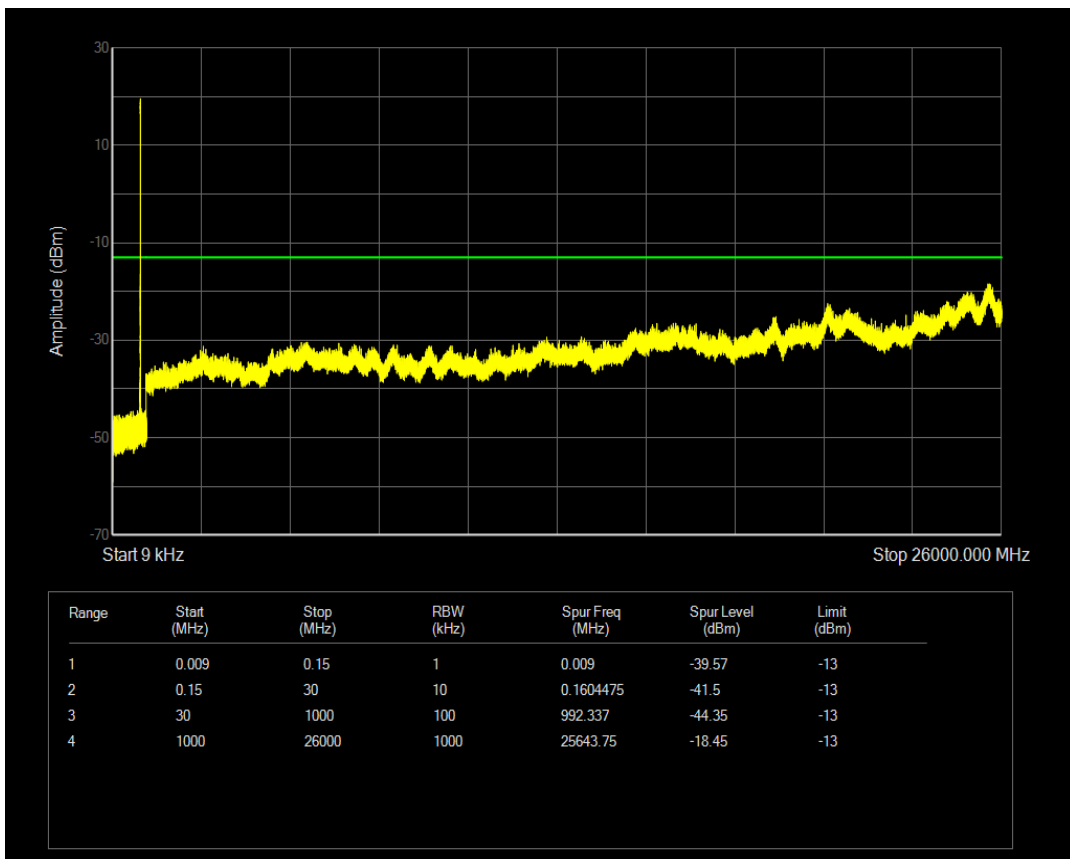
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



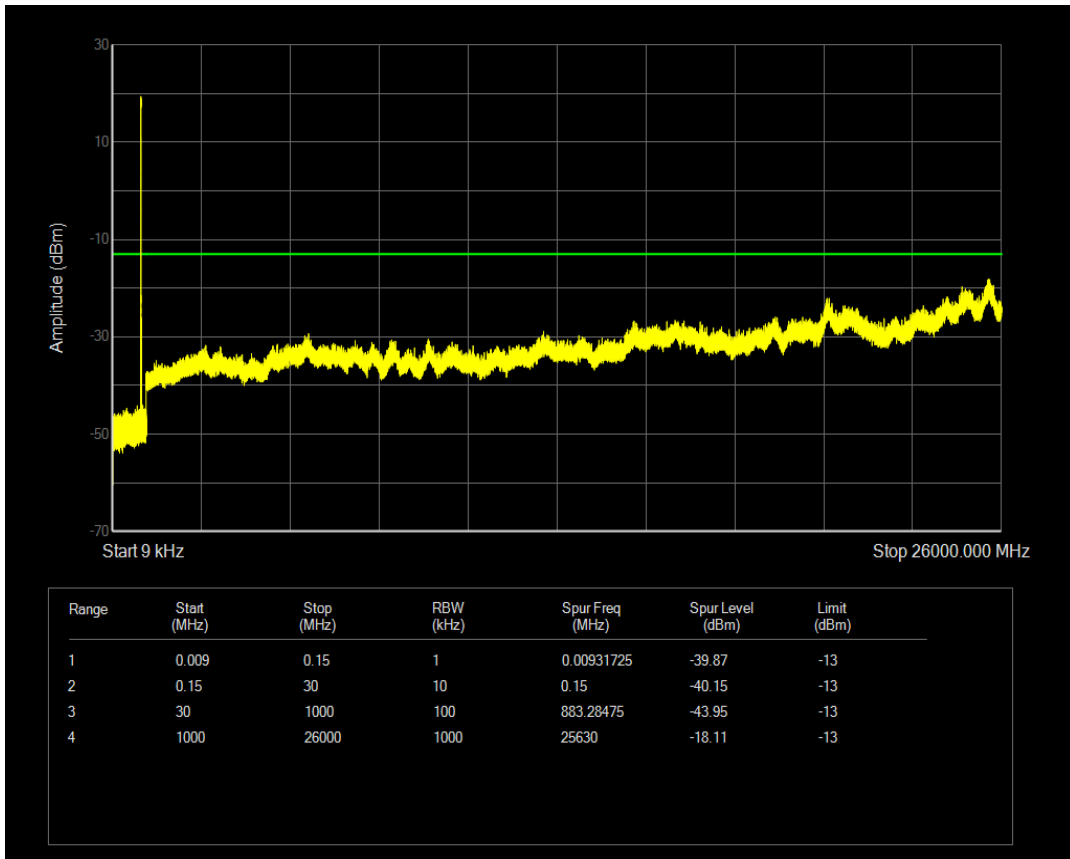
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



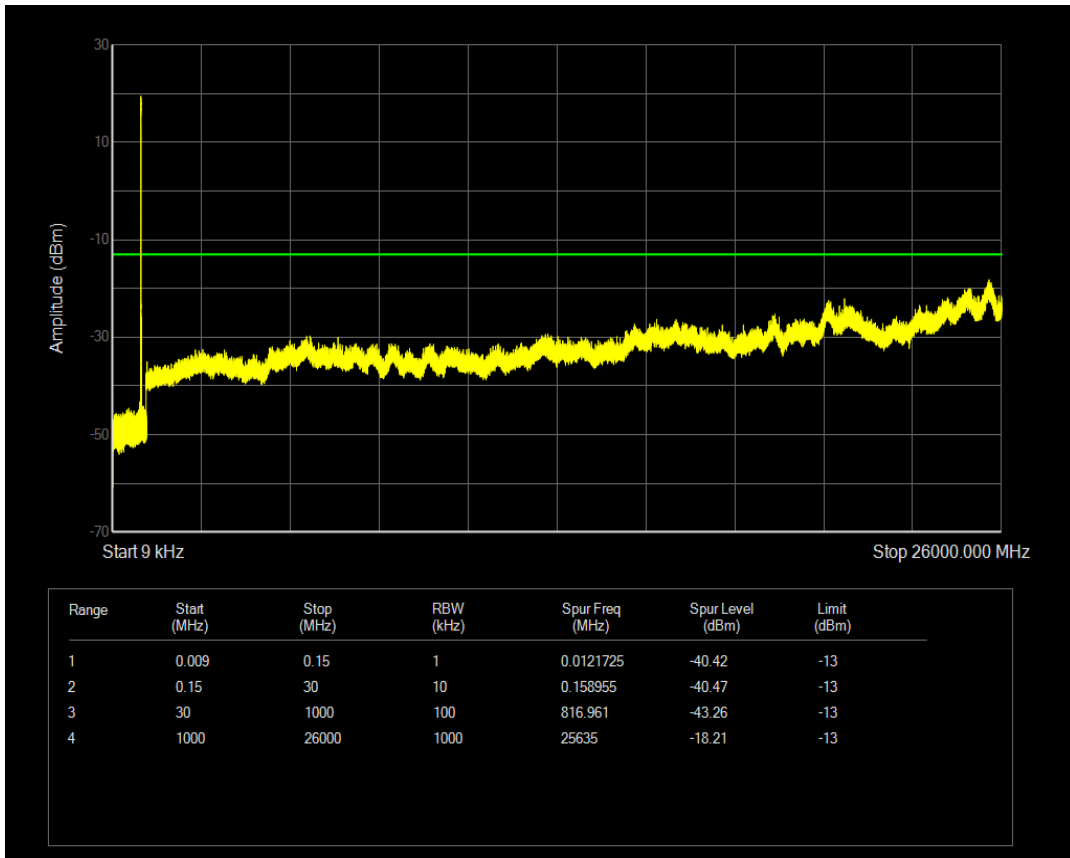
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



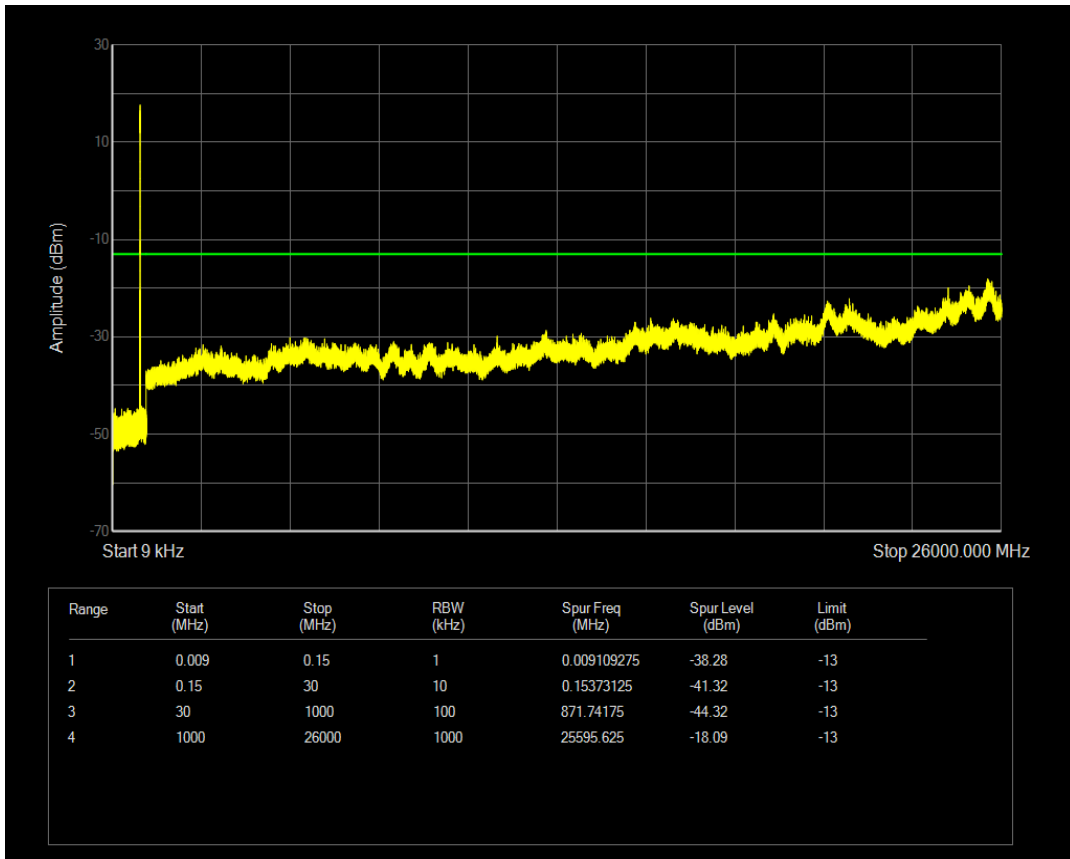
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



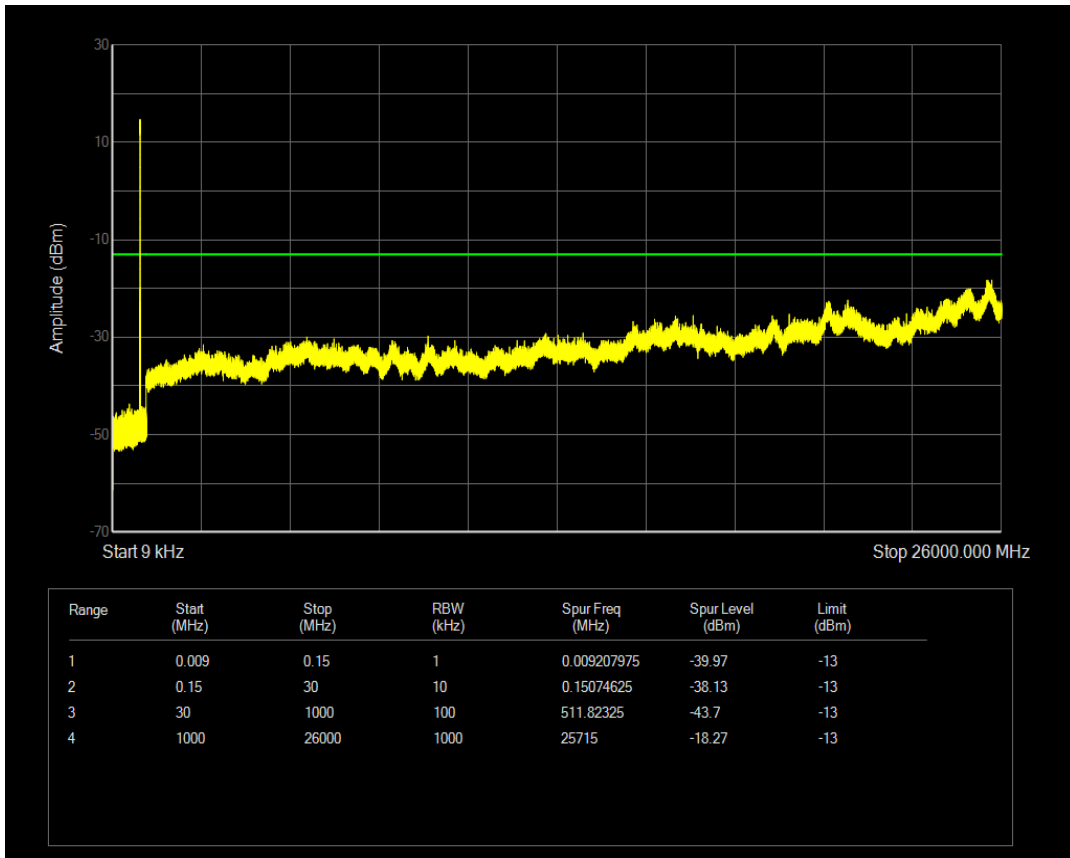
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



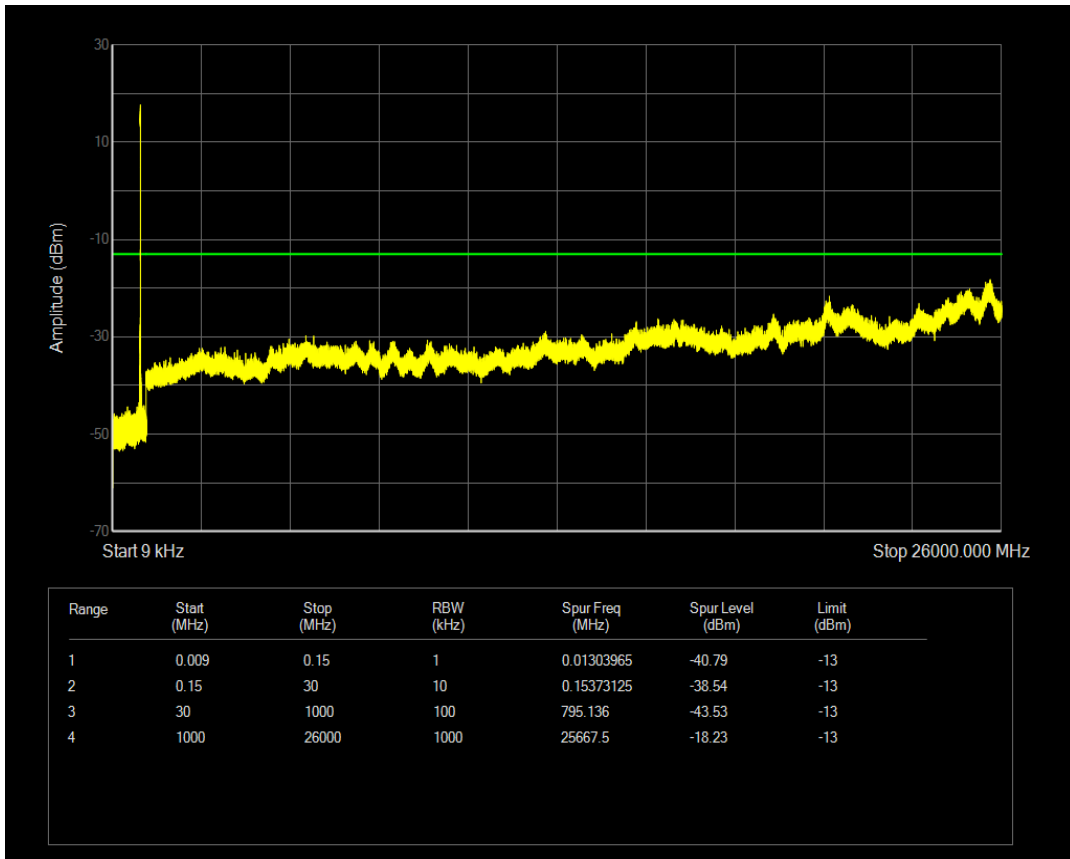
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



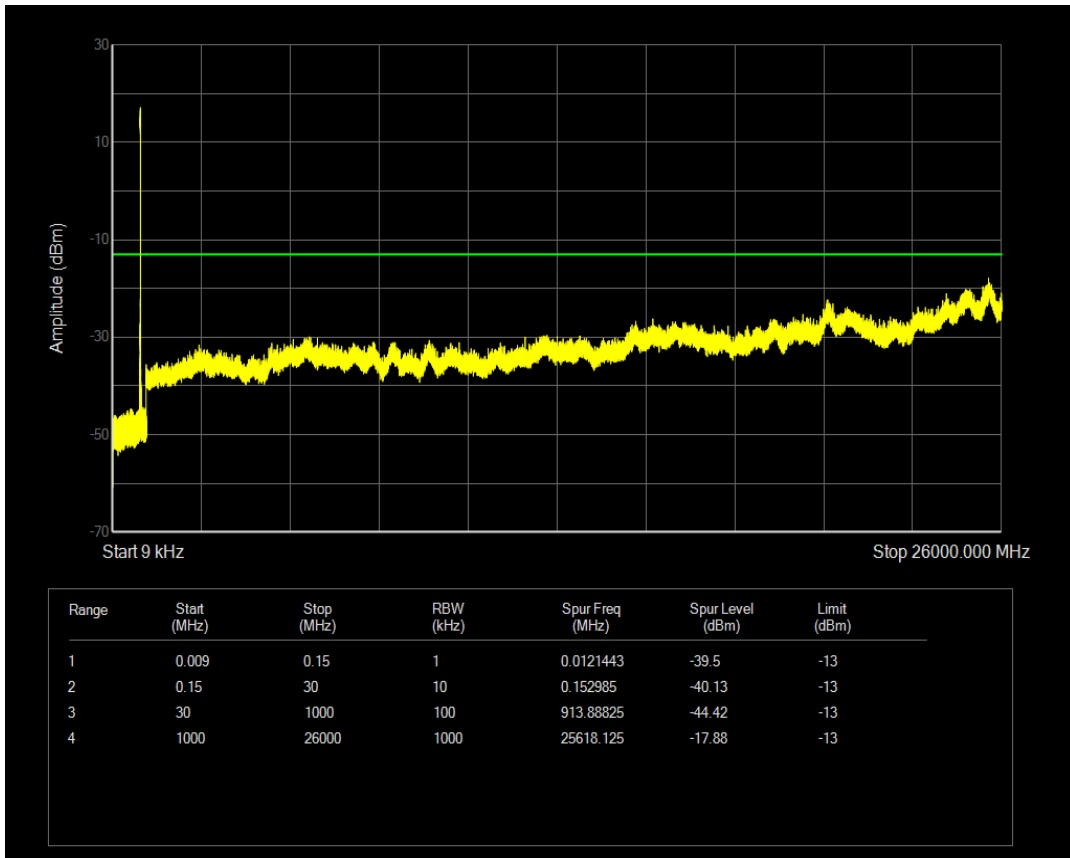
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



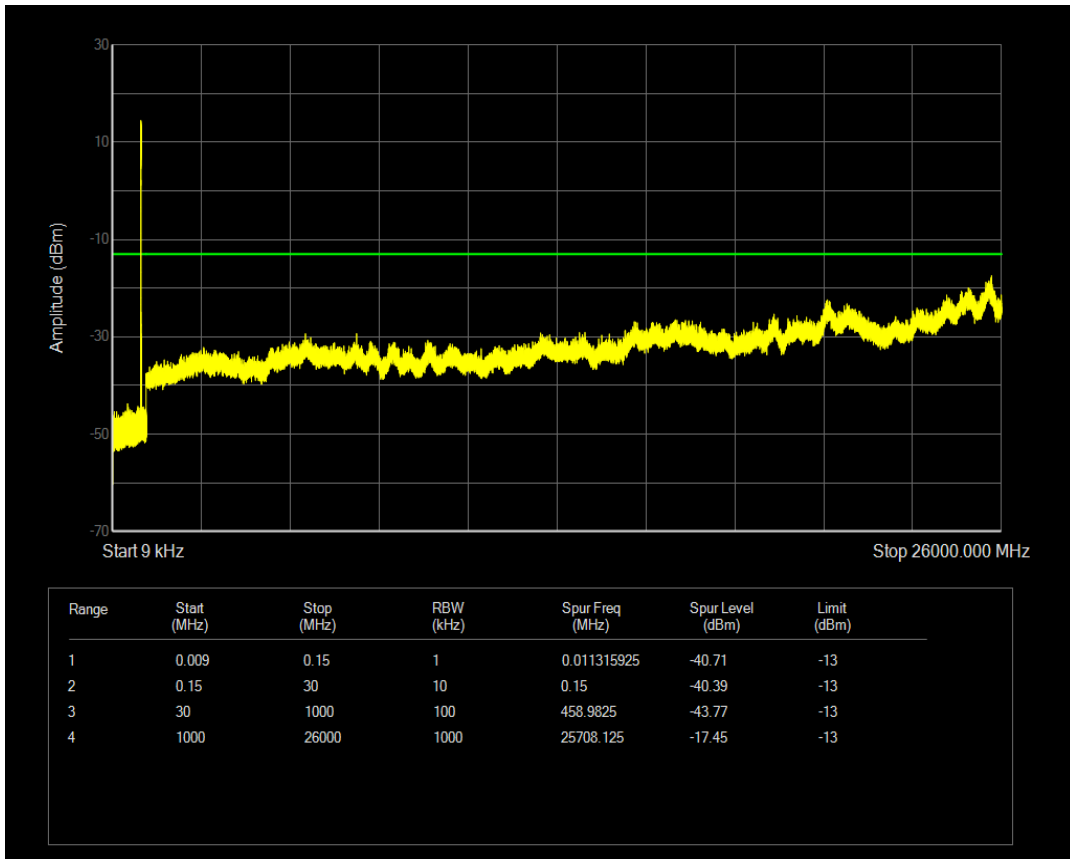
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



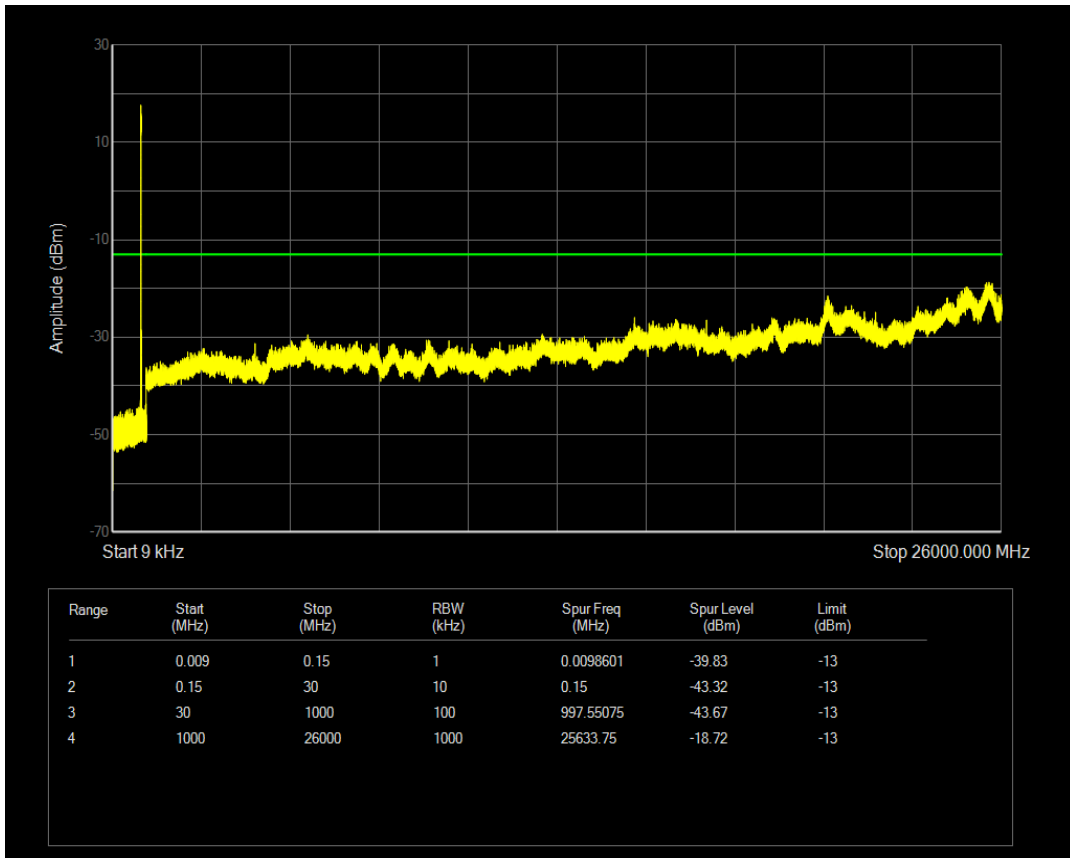
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



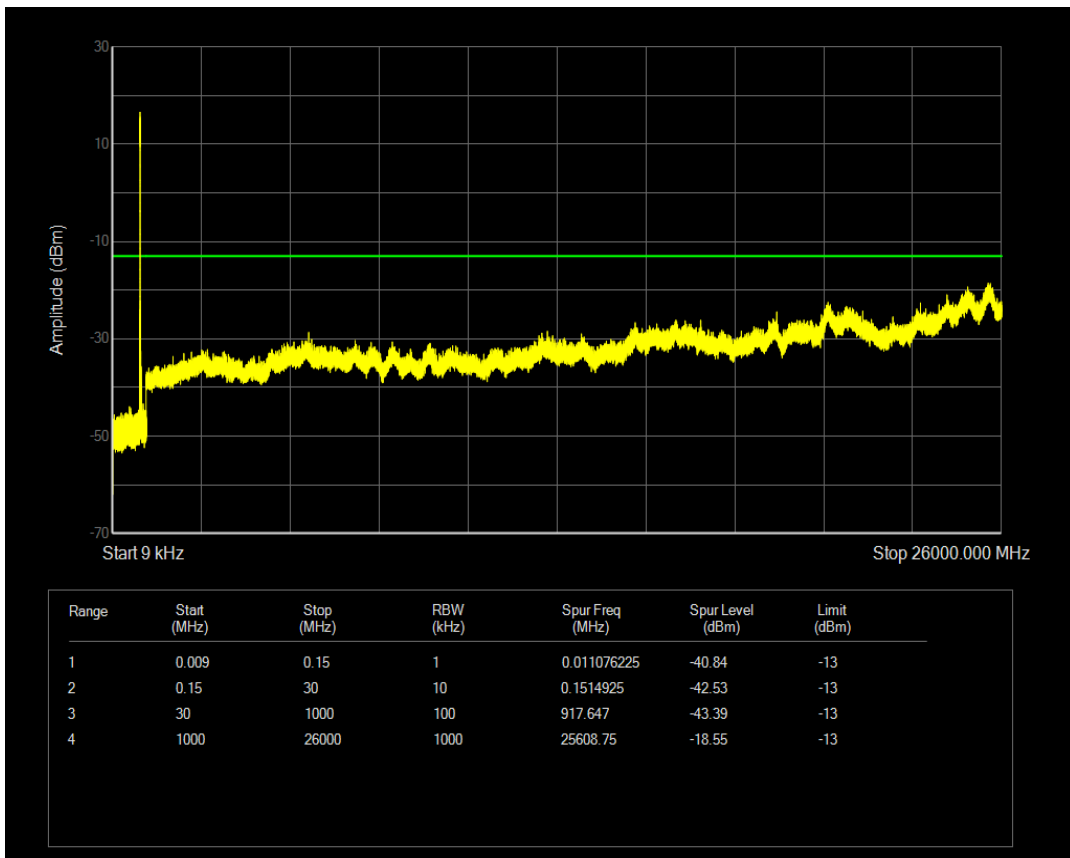
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



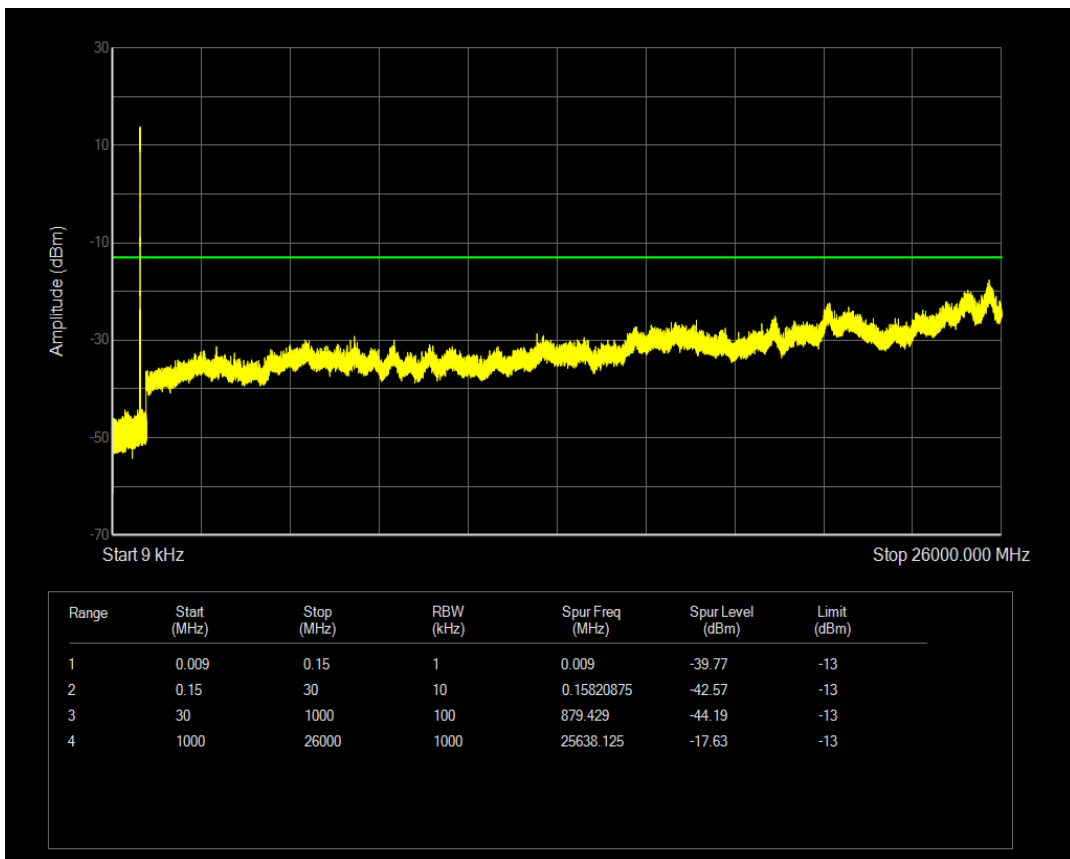
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



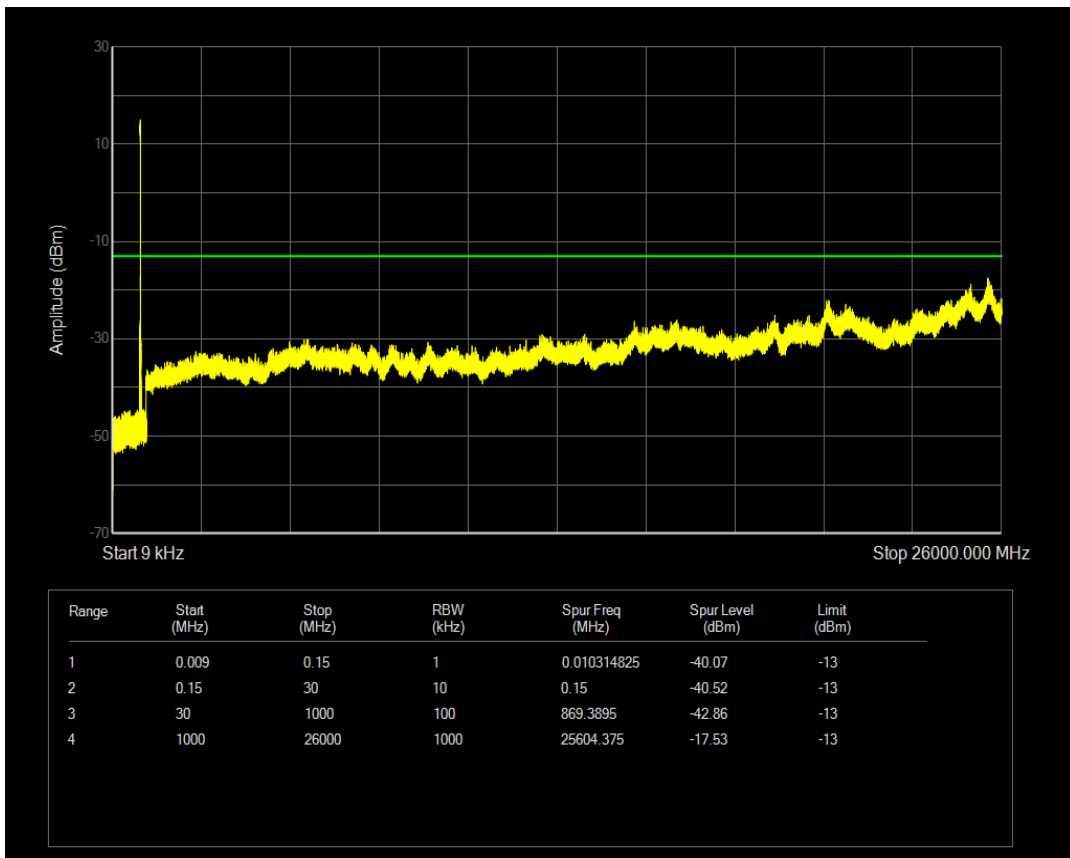
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



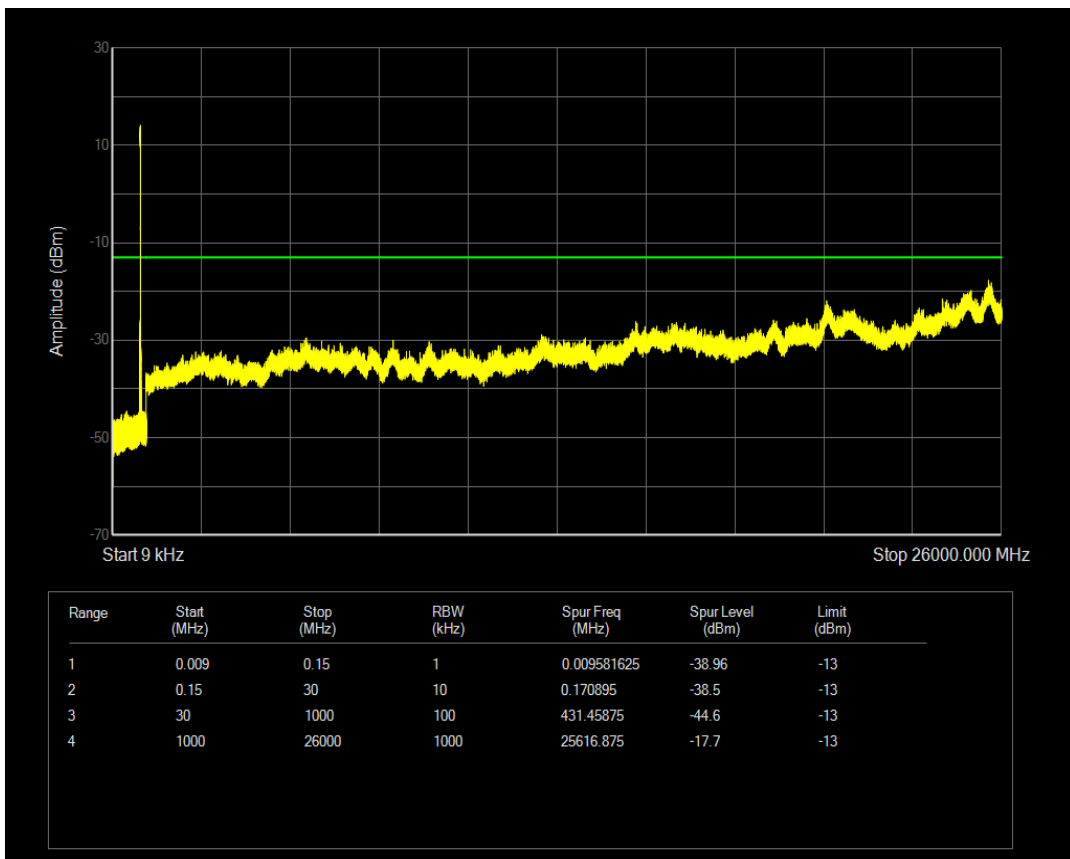
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



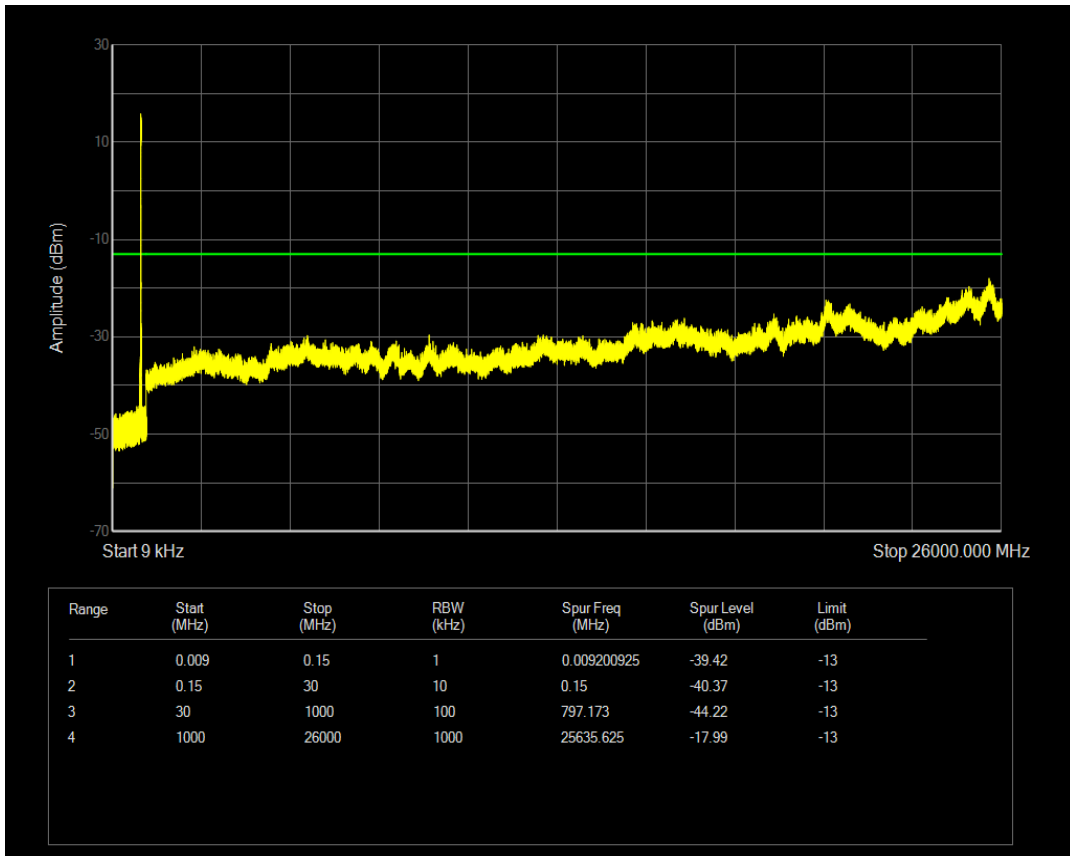
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



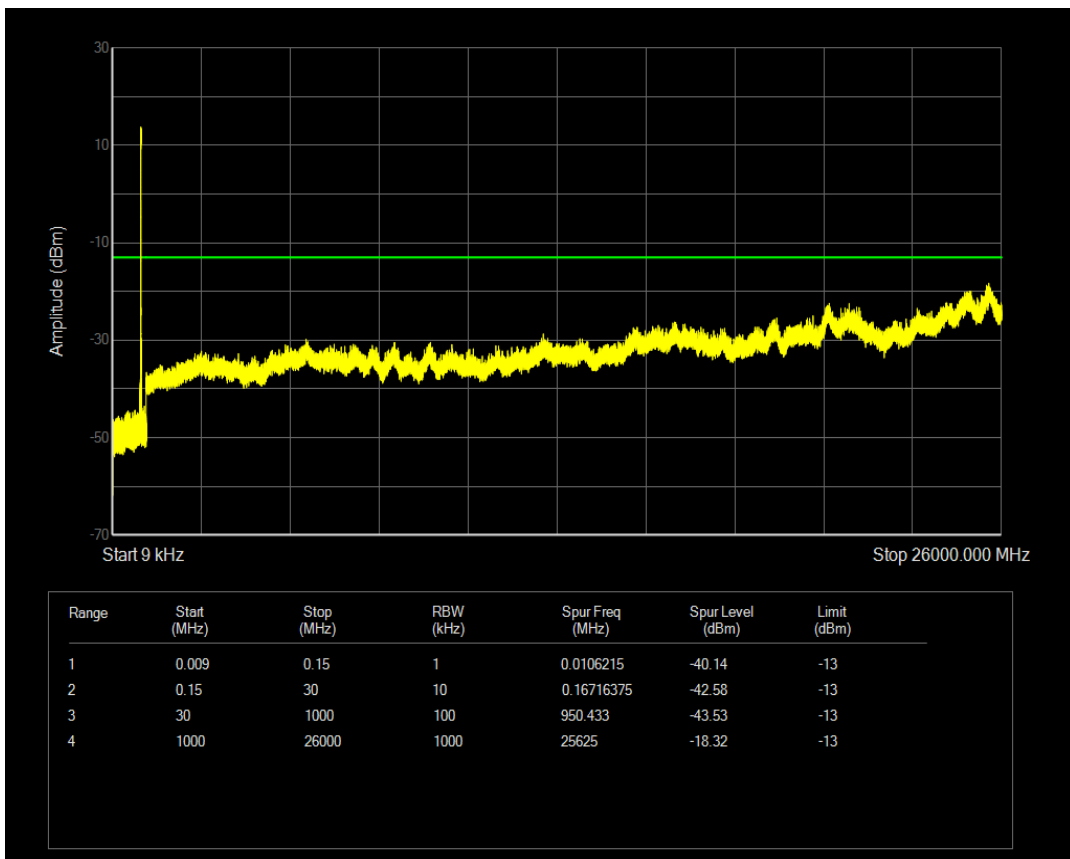
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



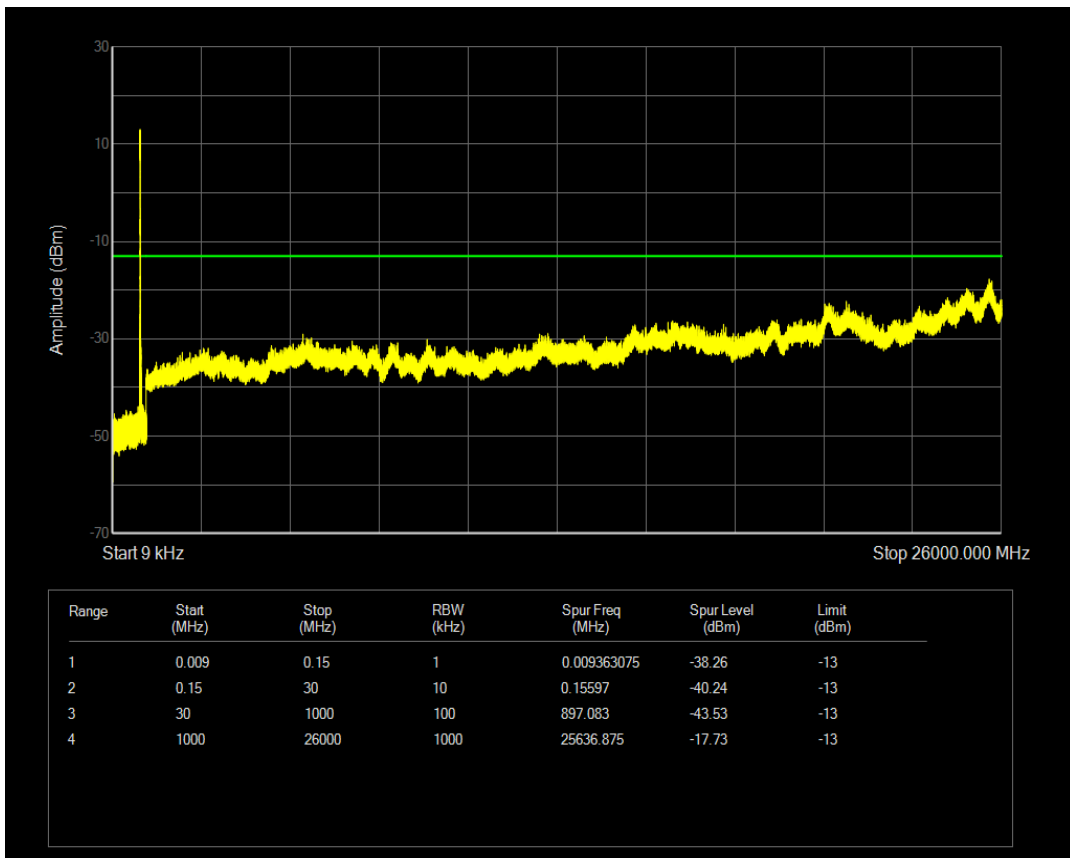
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



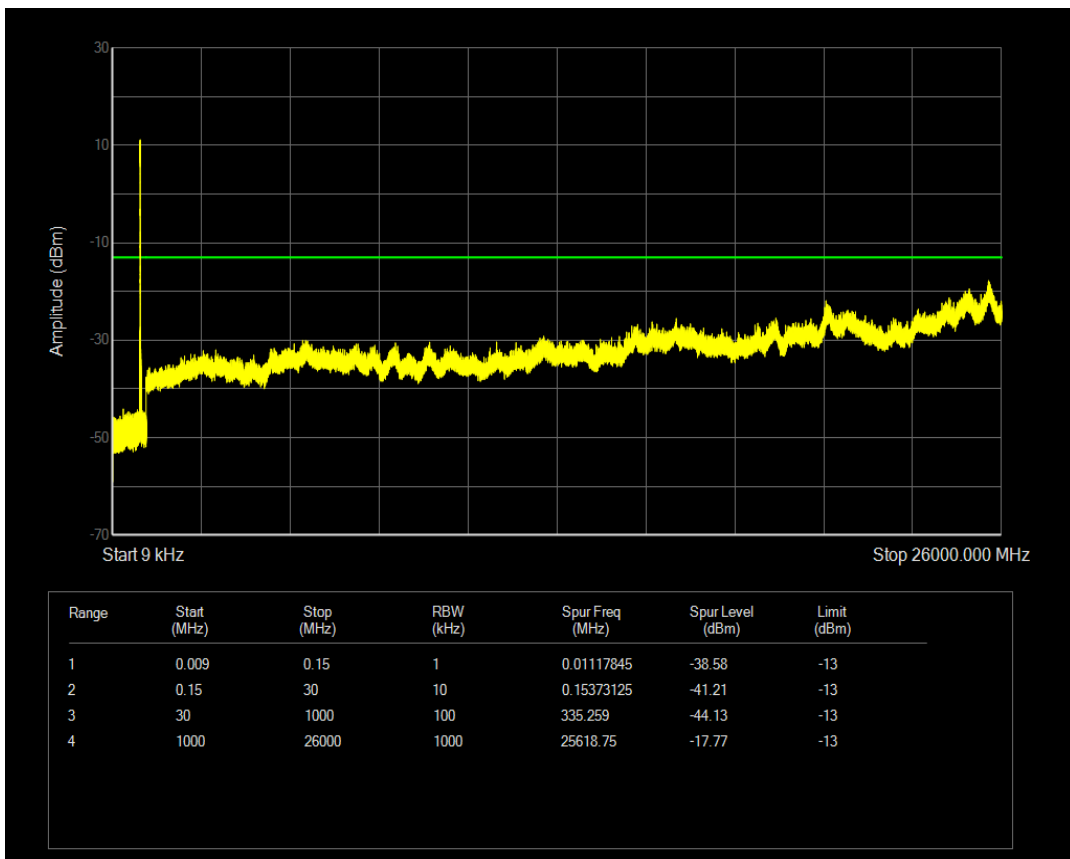
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



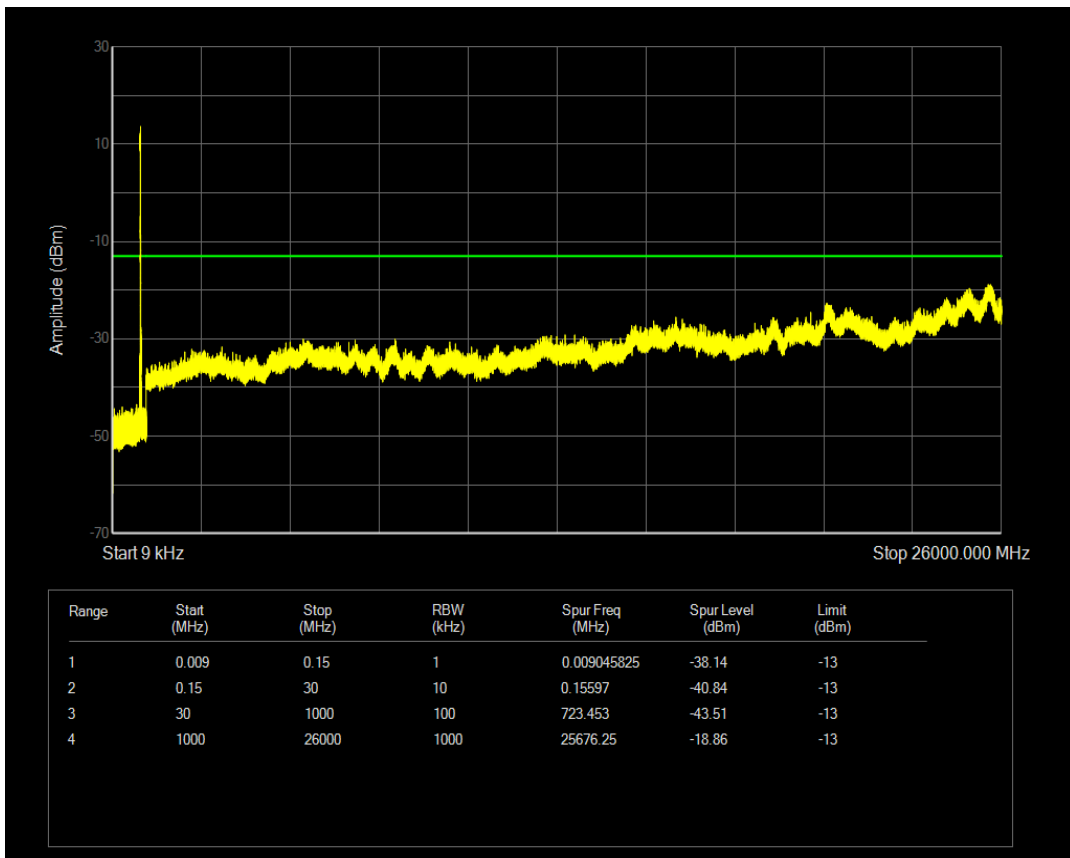
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



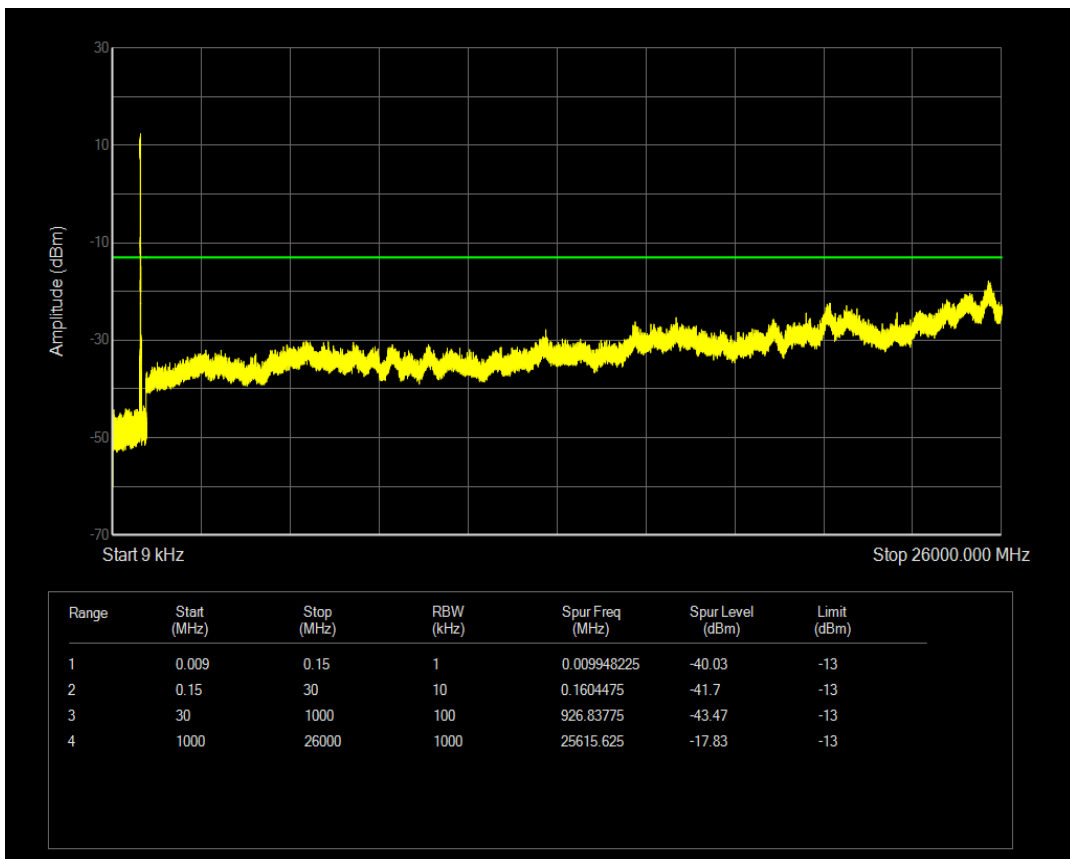
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



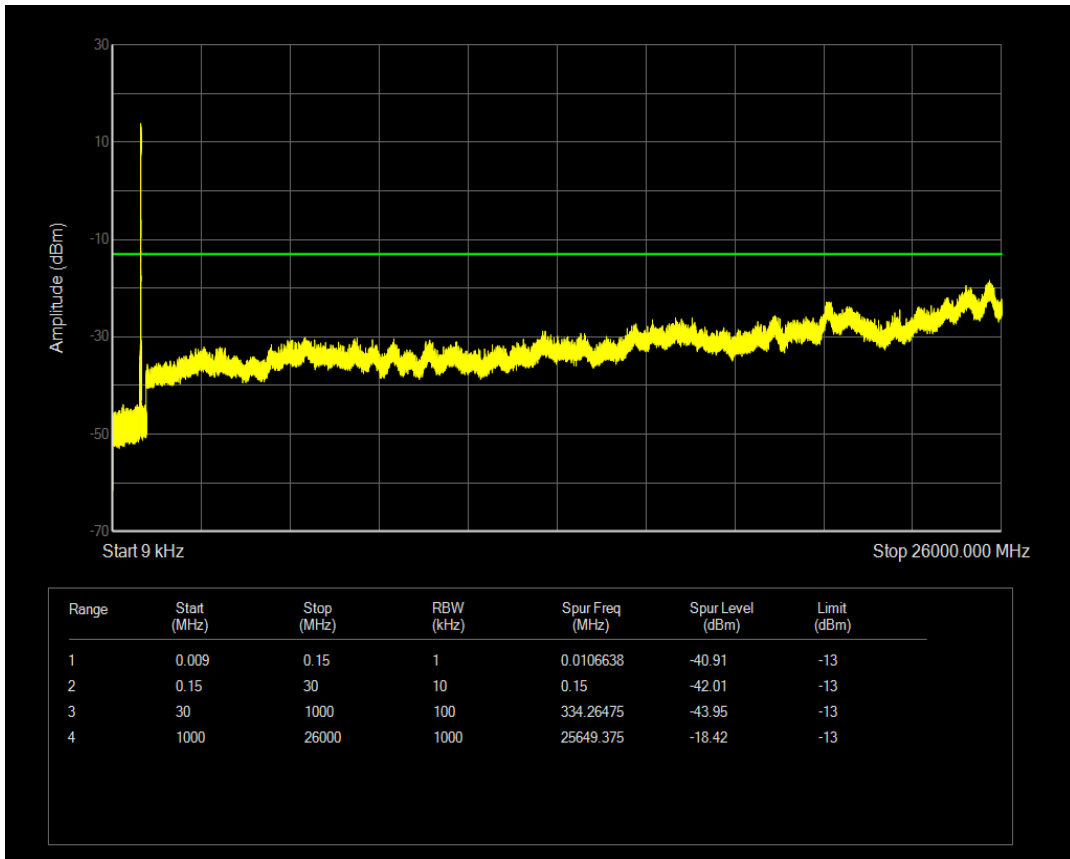
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0

