

Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band71	5	133147	1	#0	QPSK	22.70	PASS
Band71	5	133147	1	#Mid	QPSK	23.07	PASS
Band71	5	133147	1	#Max	QPSK	22.73	PASS
Band71	5	133147	12	#0	QPSK	21.79	PASS
Band71	5	133147	12	#Mid	QPSK	21.77	PASS
Band71	5	133147	12	#Max	QPSK	21.86	PASS
Band71	5	133147	25	#0	QPSK	21.73	PASS
Band71	5	133147	1	#0	16QAM	21.44	PASS
Band71	5	133147	1	#Mid	16QAM	21.85	PASS
Band71	5	133147	1	#Max	16QAM	21.67	PASS
Band71	5	133147	12	#0	16QAM	20.48	PASS
Band71	5	133147	12	#Mid	16QAM	20.64	PASS
Band71	5	133147	12	#Max	16QAM	20.60	PASS
Band71	5	133147	25	#0	16QAM	20.80	PASS
Band71	5	133297	1	#0	QPSK	22.92	PASS
Band71	5	133297	1	#Mid	QPSK	23.20	PASS
Band71	5	133297	1	#Max	QPSK	22.86	PASS
Band71	5	133297	12	#0	QPSK	22.15	PASS
Band71	5	133297	12	#Mid	QPSK	22.16	PASS
Band71	5	133297	12	#Max	QPSK	22.07	PASS
Band71	5	133297	25	#0	QPSK	22.12	PASS
Band71	5	133297	1	#0	16QAM	21.90	PASS
Band71	5	133297	1	#Mid	16QAM	22.28	PASS
Band71	5	133297	1	#Max	16QAM	21.68	PASS
Band71	5	133297	12	#0	16QAM	21.18	PASS
Band71	5	133297	12	#Mid	16QAM	21.10	PASS
Band71	5	133297	12	#Max	16QAM	21.11	PASS
Band71	5	133297	25	#0	16QAM	21.07	PASS
Band71	5	133447	1	#0	QPSK	23.00	PASS
Band71	5	133447	1	#Mid	QPSK	23.16	PASS
Band71	5	133447	1	#Max	QPSK	22.86	PASS
Band71	5	133447	12	#0	QPSK	22.02	PASS
Band71	5	133447	12	#Mid	QPSK	21.99	PASS
Band71	5	133447	12	#Max	QPSK	21.99	PASS
Band71	5	133447	25	#0	QPSK	22.01	PASS
Band71	5	133447	1	#0	16QAM	21.59	PASS
Band71	5	133447	1	#Mid	16QAM	21.84	PASS
Band71	5	133447	1	#Max	16QAM	21.60	PASS
Band71	5	133447	12	#0	16QAM	20.79	PASS
Band71	5	133447	12	#Mid	16QAM	20.77	PASS

Band71	5	133447	12	#Max	16QAM	20.73	PASS
Band71	5	133447	25	#0	16QAM	20.96	PASS
Band71	10	133172	1	#0	QPSK	22.82	PASS
Band71	10	133172	1	#Mid	QPSK	22.89	PASS
Band71	10	133172	1	#Max	QPSK	22.91	PASS
Band71	10	133172	25	#0	QPSK	21.73	PASS
Band71	10	133172	25	#Mid	QPSK	21.68	PASS
Band71	10	133172	25	#Max	QPSK	21.86	PASS
Band71	10	133172	50	#0	QPSK	21.68	PASS
Band71	10	133172	1	#0	16QAM	21.51	PASS
Band71	10	133172	1	#Mid	16QAM	21.79	PASS
Band71	10	133172	1	#Max	16QAM	21.81	PASS
Band71	10	133172	25	#0	16QAM	20.76	PASS
Band71	10	133172	25	#Mid	16QAM	20.73	PASS
Band71	10	133172	25	#Max	16QAM	20.82	PASS
Band71	10	133172	50	#0	16QAM	20.74	PASS
Band71	10	133297	1	#0	QPSK	22.79	PASS
Band71	10	133297	1	#Mid	QPSK	23.05	PASS
Band71	10	133297	1	#Max	QPSK	22.83	PASS
Band71	10	133297	25	#0	QPSK	22.02	PASS
Band71	10	133297	25	#Mid	QPSK	22.07	PASS
Band71	10	133297	25	#Max	QPSK	21.91	PASS
Band71	10	133297	50	#0	QPSK	21.96	PASS
Band71	10	133297	1	#0	16QAM	21.69	PASS
Band71	10	133297	1	#Mid	16QAM	22.01	PASS
Band71	10	133297	1	#Max	16QAM	21.73	PASS
Band71	10	133297	25	#0	16QAM	21.01	PASS
Band71	10	133297	25	#Mid	16QAM	21.08	PASS
Band71	10	133297	25	#Max	16QAM	20.99	PASS
Band71	10	133297	50	#0	16QAM	20.95	PASS
Band71	10	133422	1	#0	QPSK	23.09	PASS
Band71	10	133422	1	#Mid	QPSK	23.26	PASS
Band71	10	133422	1	#Max	QPSK	23.01	PASS
Band71	10	133422	25	#0	QPSK	22.02	PASS
Band71	10	133422	25	#Mid	QPSK	22.13	PASS
Band71	10	133422	25	#Max	QPSK	21.97	PASS
Band71	10	133422	50	#0	QPSK	22.01	PASS
Band71	10	133422	1	#0	16QAM	21.82	PASS
Band71	10	133422	1	#Mid	16QAM	22.15	PASS
Band71	10	133422	1	#Max	16QAM	21.67	PASS
Band71	10	133422	25	#0	16QAM	21.04	PASS
Band71	10	133422	25	#Mid	16QAM	21.13	PASS
Band71	10	133422	25	#Max	16QAM	20.97	PASS
Band71	10	133422	50	#0	16QAM	21.09	PASS

Band71	15	133197	1	#0	QPSK	22.74	PASS
Band71	15	133197	1	#Mid	QPSK	23.01	PASS
Band71	15	133197	1	#Max	QPSK	22.77	PASS
Band71	15	133197	36	#0	QPSK	21.77	PASS
Band71	15	133197	36	#Mid	QPSK	21.81	PASS
Band71	15	133197	36	#Max	QPSK	21.89	PASS
Band71	15	133197	75	#0	QPSK	21.83	PASS
Band71	15	133197	1	#0	16QAM	21.83	PASS
Band71	15	133197	1	#Mid	16QAM	22.12	PASS
Band71	15	133197	1	#Max	16QAM	21.89	PASS
Band71	15	133197	36	#0	16QAM	20.83	PASS
Band71	15	133197	36	#Mid	16QAM	20.92	PASS
Band71	15	133197	36	#Max	16QAM	20.95	PASS
Band71	15	133197	75	#0	16QAM	20.88	PASS
Band71	15	133297	1	#0	QPSK	23.02	PASS
Band71	15	133297	1	#Mid	QPSK	23.32	PASS
Band71	15	133297	1	#Max	QPSK	23.09	PASS
Band71	15	133297	36	#0	QPSK	21.97	PASS
Band71	15	133297	36	#Mid	QPSK	22.01	PASS
Band71	15	133297	36	#Max	QPSK	22.09	PASS
Band71	15	133297	75	#0	QPSK	22.05	PASS
Band71	15	133297	1	#0	16QAM	21.81	PASS
Band71	15	133297	1	#Mid	16QAM	22.13	PASS
Band71	15	133297	1	#Max	16QAM	21.75	PASS
Band71	15	133297	36	#0	16QAM	20.88	PASS
Band71	15	133297	36	#Mid	16QAM	20.91	PASS
Band71	15	133297	36	#Max	16QAM	21.01	PASS
Band71	15	133297	75	#0	16QAM	20.92	PASS
Band71	15	133397	1	#0	QPSK	22.82	PASS
Band71	15	133397	1	#Mid	QPSK	23.18	PASS
Band71	15	133397	1	#Max	QPSK	22.76	PASS
Band71	15	133397	36	#0	QPSK	21.92	PASS
Band71	15	133397	36	#Mid	QPSK	22.20	PASS
Band71	15	133397	36	#Max	QPSK	22.07	PASS
Band71	15	133397	75	#0	QPSK	21.86	PASS
Band71	15	133397	1	#0	16QAM	21.73	PASS
Band71	15	133397	1	#Mid	16QAM	22.27	PASS
Band71	15	133397	1	#Max	16QAM	21.83	PASS
Band71	15	133397	36	#0	16QAM	20.93	PASS
Band71	15	133397	36	#Mid	16QAM	21.10	PASS
Band71	15	133397	36	#Max	16QAM	21.07	PASS
Band71	15	133397	75	#0	16QAM	20.91	PASS
Band71	20	133222	1	#0	QPSK	22.55	PASS
Band71	20	133222	1	#Mid	QPSK	22.87	PASS

Band71	20	133222	1	#Max	QPSK	22.74	PASS
Band71	20	133222	50	#0	QPSK	21.60	PASS
Band71	20	133222	50	#Mid	QPSK	21.83	PASS
Band71	20	133222	50	#Max	QPSK	21.96	PASS
Band71	20	133222	100	#0	QPSK	21.82	PASS
Band71	20	133222	1	#0	16QAM	21.35	PASS
Band71	20	133222	1	#Mid	16QAM	21.86	PASS
Band71	20	133222	1	#Max	16QAM	21.65	PASS
Band71	20	133222	50	#0	16QAM	20.71	PASS
Band71	20	133222	50	#Mid	16QAM	20.81	PASS
Band71	20	133222	50	#Max	16QAM	20.97	PASS
Band71	20	133222	100	#0	16QAM	20.83	PASS
Band71	20	133297	1	#0	QPSK	22.84	PASS
Band71	20	133297	1	#Mid	QPSK	23.23	PASS
Band71	20	133297	1	#Max	QPSK	23.00	PASS
Band71	20	133297	50	#0	QPSK	21.85	PASS
Band71	20	133297	50	#Mid	QPSK	22.00	PASS
Band71	20	133297	50	#Max	QPSK	21.99	PASS
Band71	20	133297	100	#0	QPSK	21.94	PASS
Band71	20	133297	1	#0	16QAM	21.47	PASS
Band71	20	133297	1	#Mid	16QAM	22.03	PASS
Band71	20	133297	1	#Max	16QAM	21.65	PASS
Band71	20	133297	50	#0	16QAM	20.95	PASS
Band71	20	133297	50	#Mid	16QAM	20.99	PASS
Band71	20	133297	50	#Max	16QAM	21.05	PASS
Band71	20	133297	100	#0	16QAM	21.00	PASS
Band71	20	133372	1	#0	QPSK	22.78	PASS
Band71	20	133372	1	#Mid	QPSK	23.09	PASS
Band71	20	133372	1	#Max	QPSK	22.85	PASS
Band71	20	133372	50	#0	QPSK	21.94	PASS
Band71	20	133372	50	#Mid	QPSK	22.00	PASS
Band71	20	133372	50	#Max	QPSK	22.04	PASS
Band71	20	133372	100	#0	QPSK	21.95	PASS
Band71	20	133372	1	#0	16QAM	21.63	PASS
Band71	20	133372	1	#Mid	16QAM	22.00	PASS
Band71	20	133372	1	#Max	16QAM	21.54	PASS
Band71	20	133372	50	#0	16QAM	20.93	PASS
Band71	20	133372	50	#Mid	16QAM	20.87	PASS
Band71	20	133372	50	#Max	16QAM	20.90	PASS
Band71	20	133372	100	#0	16QAM	20.85	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
Band 71	5	133147	25	#0	QPSK	LV	NT	-1.70	-0.003	-2.5	2.5	PASS
Band 71	5	133147	25	#0	QPSK	NV	NT	-2.36	-0.004	-2.5	2.5	PASS
Band 71	5	133147	25	#0	QPSK	HV	NT	-2.13	-0.003	-2.5	2.5	PASS
Band 71	5	133147	25	#0	16QAM	LV	NT	-2.17	-0.003	-2.5	2.5	PASS
Band 71	5	133147	25	#0	16QAM	NV	NT	-1.66	-0.002	-2.5	2.5	PASS
Band 71	5	133147	25	#0	16QAM	HV	NT	-1.59	-0.002	-2.5	2.5	PASS
Band 71	5	133297	25	#0	QPSK	LV	NT	-1.44	-0.002	-2.5	2.5	PASS
Band 71	5	133297	25	#0	QPSK	NV	NT	-2.02	-0.003	-2.5	2.5	PASS
Band 71	5	133297	25	#0	QPSK	HV	NT	-2.46	-0.004	-2.5	2.5	PASS
Band 71	5	133297	25	#0	16QAM	LV	NT	-2.36	-0.003	-2.5	2.5	PASS
Band 71	5	133297	25	#0	16QAM	NV	NT	-2.20	-0.003	-2.5	2.5	PASS
Band 71	5	133297	25	#0	16QAM	HV	NT	-2.32	-0.003	-2.5	2.5	PASS
Band 71	5	133447	25	#0	QPSK	LV	NT	-1.65	-0.002	-2.5	2.5	PASS
Band 71	5	133447	25	#0	QPSK	NV	NT	-1.79	-0.003	-2.5	2.5	PASS
Band 71	5	133447	25	#0	QPSK	HV	NT	-1.47	-0.002	-2.5	2.5	PASS
Band 71	5	133447	25	#0	16QAM	LV	NT	-2.52	-0.004	-2.5	2.5	PASS
Band 71	5	133447	25	#0	16QAM	NV	NT	-1.26	-0.002	-2.5	2.5	PASS
Band 71	5	133447	25	#0	16QAM	HV	NT	-1.37	-0.002	-2.5	2.5	PASS

Band 71	10	13317 2	50	#0	QPSK	LV	NT	-1.5 6	-0.0 02	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	QPSK	NV	NT	-1.8 2	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	QPSK	HV	NT	-1.9 7	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	16QAM	LV	NT	-1.9 0	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	16QAM	NV	NT	-2.0 7	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	16QAM	HV	NT	-2.2 9	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	QPSK	LV	NT	-1.7 9	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	QPSK	NV	NT	-2.1 6	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	QPSK	HV	NT	-2.6 9	-0.0 04	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	16QAM	LV	NT	-1.8 0	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	16QAM	NV	NT	-2.3 3	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	16QAM	HV	NT	-2.4 3	-0.0 04	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	QPSK	LV	NT	-2.3 7	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	QPSK	NV	NT	-2.6 9	-0.0 04	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	QPSK	HV	NT	-1.9 3	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	16QAM	LV	NT	-2.0 7	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	16QAM	NV	NT	-2.2 7	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	16QAM	HV	NT	-1.8 3	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	QPSK	LV	NT	-2.0 5	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	QPSK	NV	NT	-1.7 3	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	QPSK	HV	NT	-1.9 3	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	16QAM	LV	NT	-2.1 6	-0.0 03	-2.5	2.5	PAS S

Band 71	15	13319 7	75	#0	16QAM	NV	NT	-1.6 0	-0.0 02	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	16QAM	HV	NT	-2.3 0	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	QPSK	LV	NT	-2.5 2	-0.0 04	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	QPSK	NV	NT	-2.3 9	-0.0 04	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	QPSK	HV	NT	-2.0 7	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	16QAM	LV	NT	-2.5 9	-0.0 04	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	16QAM	NV	NT	-1.8 6	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	16QAM	HV	NT	-2.0 2	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	QPSK	LV	NT	-2.0 7	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	QPSK	NV	NT	-1.4 6	-0.0 02	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	QPSK	HV	NT	-1.9 3	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	16QAM	LV	NT	-1.7 7	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	16QAM	NV	NT	-1.5 0	-0.0 02	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	16QAM	HV	NT	-2.1 6	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	QPSK	LV	NT	-2.4 6	-0.0 04	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	QPSK	NV	NT	-2.1 2	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	QPSK	HV	NT	-2.2 2	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	16QAM	LV	NT	-1.7 2	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	16QAM	NV	NT	-1.9 2	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	16QAM	HV	NT	-2.2 7	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	QPSK	LV	NT	-2.5 7	-0.0 04	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	QPSK	NV	NT	-1.8 9	-0.0 03	-2.5	2.5	PAS S

Band 71	20	133297	100	#0	QPSK	HV	NT	-2.49	-0.004	-2.5	2.5	PASS
Band 71	20	133297	100	#0	16QAM	LV	NT	-2.88	-0.004	-2.5	2.5	PASS
Band 71	20	133297	100	#0	16QAM	NV	NT	-2.13	-0.003	-2.5	2.5	PASS
Band 71	20	133297	100	#0	16QAM	HV	NT	-1.95	-0.003	-2.5	2.5	PASS
Band 71	20	133372	100	#0	QPSK	LV	NT	-1.93	-0.003	-2.5	2.5	PASS
Band 71	20	133372	100	#0	QPSK	NV	NT	-1.97	-0.003	-2.5	2.5	PASS
Band 71	20	133372	100	#0	QPSK	HV	NT	-2.20	-0.003	-2.5	2.5	PASS
Band 71	20	133372	100	#0	16QAM	LV	NT	-2.33	-0.003	-2.5	2.5	PASS
Band 71	20	133372	100	#0	16QAM	NV	NT	-2.30	-0.003	-2.5	2.5	PASS
Band 71	20	133372	100	#0	16QAM	HV	NT	-2.29	-0.003	-2.5	2.5	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band 71	5	133147	25	#0	QPSK	NV	-30	-2.27	-0.003	-2.5	2.5	PASS
Band 71	5	133147	25	#0	QPSK	NV	-20	-2.82	-0.004	-2.5	2.5	PASS
Band 71	5	133147	25	#0	QPSK	NV	-10	-1.44	-0.002	-2.5	2.5	PASS
Band 71	5	133147	25	#0	QPSK	NV	0	-1.95	-0.003	-2.5	2.5	PASS
Band 71	5	133147	25	#0	QPSK	NV	10	-1.43	-0.002	-2.5	2.5	PASS
Band 71	5	133147	25	#0	QPSK	NV	20	-1.93	-0.003	-2.5	2.5	PASS
Band 71	5	133147	25	#0	QPSK	NV	30	-2.02	-0.003	-2.5	2.5	PASS
Band 71	5	133147	25	#0	QPSK	NV	40	-1.86	-0.003	-2.5	2.5	PASS
Band 71	5	133147	25	#0	QPSK	NV	50	-1.70	-0.003	-2.5	2.5	PASS

Band 71	5	13314 7	25	#0	16QAM	NV	-30	-1.5 2	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13314 7	25	#0	16QAM	NV	-20	-1.7 9	-0.0 03	-2.5	2.5	PAS S
Band 71	5	13314 7	25	#0	16QAM	NV	-10	-1.0 9	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13314 7	25	#0	16QAM	NV	0	-1.8 6	-0.0 03	-2.5	2.5	PAS S
Band 71	5	13314 7	25	#0	16QAM	NV	10	-1.4 9	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13314 7	25	#0	16QAM	NV	20	-1.8 0	-0.0 03	-2.5	2.5	PAS S
Band 71	5	13314 7	25	#0	16QAM	NV	30	-1.8 5	-0.0 03	-2.5	2.5	PAS S
Band 71	5	13314 7	25	#0	16QAM	NV	40	-2.8 5	-0.0 04	-2.5	2.5	PAS S
Band 71	5	13314 7	25	#0	16QAM	NV	50	-2.5 3	-0.0 04	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	QPSK	NV	-30	-2.0 7	-0.0 03	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	QPSK	NV	-20	-2.3 2	-0.0 03	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	QPSK	NV	-10	-2.3 2	-0.0 03	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	QPSK	NV	0	-1.5 0	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	QPSK	NV	10	-1.7 3	-0.0 03	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	QPSK	NV	20	-1.5 2	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	QPSK	NV	30	-1.7 6	-0.0 03	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	QPSK	NV	40	-1.0 0	-0.0 01	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	QPSK	NV	50	-1.3 7	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	16QAM	NV	-30	-1.8 7	-0.0 03	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	16QAM	NV	-20	-1.3 6	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	16QAM	NV	-10	-1.5 0	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	16QAM	NV	0	-0.8 9	-0.0 01	-2.5	2.5	PAS S

Band 71	5	13329 7	25	#0	16QAM	NV	10	-2.4 9	-0.0 04	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	16QAM	NV	20	-2.4 0	-0.0 04	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	16QAM	NV	30	-1.0 7	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	16QAM	NV	40	-1.8 9	-0.0 03	-2.5	2.5	PAS S
Band 71	5	13329 7	25	#0	16QAM	NV	50	-2.5 3	-0.0 04	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	QPSK	NV	-30	-3.2 0	-0.0 05	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	QPSK	NV	-20	-3.3 5	-0.0 05	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	QPSK	NV	-10	-1.3 6	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	QPSK	NV	0	-2.8 6	-0.0 04	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	QPSK	NV	10	-2.0 0	-0.0 03	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	QPSK	NV	20	-0.8 3	-0.0 01	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	QPSK	NV	30	-1.6 0	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	QPSK	NV	40	-0.9 7	-0.0 01	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	QPSK	NV	50	-1.6 9	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	16QAM	NV	-30	-1.0 4	-0.0 01	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	16QAM	NV	-20	-1.5 9	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	16QAM	NV	-10	-2.8 8	-0.0 04	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	16QAM	NV	0	-1.3 7	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	16QAM	NV	10	-1.5 3	-0.0 02	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	16QAM	NV	20	-2.7 6	-0.0 04	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	16QAM	NV	30	-0.5 0	-0.0 01	-2.5	2.5	PAS S
Band 71	5	13344 7	25	#0	16QAM	NV	40	-1.7 5	-0.0 03	-2.5	2.5	PAS S

Band 71	5	13344 7	25	#0	16QAM	NV	50	-1.7 6	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	QPSK	NV	-30	0.00	0.00 0	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	QPSK	NV	-20	0.00	0.00 0	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	QPSK	NV	-10	0.00	0.00 0	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	QPSK	NV	0	0.00	0.00 0	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	QPSK	NV	10	0.00	0.00 0	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	QPSK	NV	20	0.00	0.00 0	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	QPSK	NV	30	0.00	0.00 0	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	QPSK	NV	40	0.00	0.00 0	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	QPSK	NV	50	0.00	0.00 0	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	16QAM	NV	-30	0.00	0.00 0	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	16QAM	NV	-20	0.00	0.00 0	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	16QAM	NV	-10	0.00	0.00 0	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	16QAM	NV	0	-2.1 5	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	16QAM	NV	10	-2.2 9	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	16QAM	NV	20	-1.6 9	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	16QAM	NV	30	-1.8 9	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	16QAM	NV	40	-2.1 5	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13317 2	50	#0	16QAM	NV	50	-1.7 7	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	QPSK	NV	-30	-2.2 9	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	QPSK	NV	-20	-2.6 0	-0.0 04	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	QPSK	NV	-10	-2.0 7	-0.0 03	-2.5	2.5	PAS S

Band 71	10	13329 7	50	#0	QPSK	NV	0	-1.9 3	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	QPSK	NV	10	-2.1 5	-0.0 03	-2.5	2.5	PAS S
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Band 71	10	13329 7	50	#0	QPSK	NV	40	-2.5 3	-0.0 04	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	QPSK	NV	50	-1.3 3	-0.0 02	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	16QAM	NV	-30	-2.0 6	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	16QAM	NV	-20	-2.1 6	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	16QAM	NV	-10	-1.5 3	-0.0 02	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	16QAM	NV	0	-1.6 9	-0.0 02	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	16QAM	NV	10	-2.3 7	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	16QAM	NV	20	-1.8 5	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	16QAM	NV	30	-2.1 7	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	16QAM	NV	40	-2.5 5	-0.0 04	-2.5	2.5	PAS S
Band 71	10	13329 7	50	#0	16QAM	NV	50	-1.6 7	-0.0 02	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	QPSK	NV	-30	-2.8 0	-0.0 04	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	QPSK	NV	-20	-2.2 3	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	QPSK	NV	-10	-2.3 5	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	QPSK	NV	0	-2.8 2	-0.0 04	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	QPSK	NV	10	-2.0 9	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	QPSK	NV	20	-2.1 7	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	QPSK	NV	30	-2.1 6	-0.0 03	-2.5	2.5	PAS S

Band 71	10	13342 2	50	#0	QPSK	NV	40	-1.6 2	-0.0 02	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	QPSK	NV	50	-2.5 2	-0.0 04	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	16QAM	NV	-30	-2.0 3	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	16QAM	NV	-20	-1.9 6	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	16QAM	NV	-10	-1.7 3	-0.0 02	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	16QAM	NV	0	-1.9 9	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	16QAM	NV	10	-2.4 6	-0.0 04	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	16QAM	NV	20	-2.0 3	-0.0 03	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	16QAM	NV	30	-2.6 3	-0.0 04	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	16QAM	NV	40	-2.5 3	-0.0 04	-2.5	2.5	PAS S
Band 71	10	13342 2	50	#0	16QAM	NV	50	-1.7 2	-0.0 02	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	QPSK	NV	-30	-2.0 9	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	QPSK	NV	-20	-2.1 0	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	QPSK	NV	-10	-1.7 0	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	QPSK	NV	0	-2.0 7	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	QPSK	NV	10	-1.7 3	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	QPSK	NV	20	-1.9 7	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	QPSK	NV	30	-1.4 3	-0.0 02	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	QPSK	NV	40	-1.7 2	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	QPSK	NV	50	-2.5 9	-0.0 04	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	16QAM	NV	-30	-2.5 5	-0.0 04	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	16QAM	NV	-20	-2.4 6	-0.0 04	-2.5	2.5	PAS S

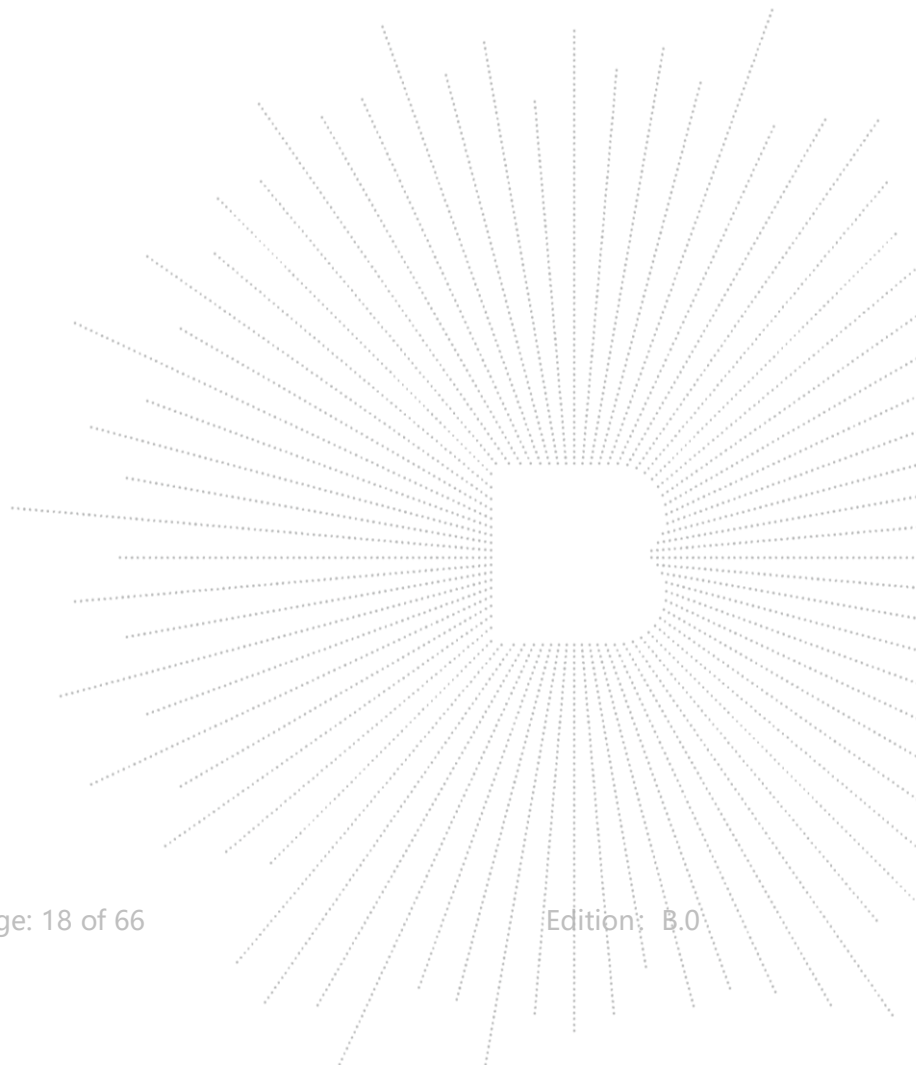
Band 71	15	13319 7	75	#0	16QAM	NV	-10	-1.8 7	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	16QAM	NV	0	-2.5 3	-0.0 04	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	16QAM	NV	10	-2.0 0	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	16QAM	NV	20	-2.3 0	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	16QAM	NV	30	-1.7 3	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	16QAM	NV	40	-2.1 9	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13319 7	75	#0	16QAM	NV	50	-1.8 2	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	QPSK	NV	-30	-1.4 4	-0.0 02	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	QPSK	NV	-20	-1.5 2	-0.0 02	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	QPSK	NV	-10	-2.0 7	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	QPSK	NV	0	-1.5 7	-0.0 02	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	QPSK	NV	10	-1.9 6	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	QPSK	NV	20	-1.8 5	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	QPSK	NV	30	-1.7 7	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	QPSK	NV	40	-2.2 0	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	QPSK	NV	50	-2.1 7	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	16QAM	NV	-30	-2.1 2	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	16QAM	NV	-20	-2.8 2	-0.0 04	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	16QAM	NV	-10	-1.0 0	-0.0 01	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	16QAM	NV	0	-1.4 7	-0.0 02	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	16QAM	NV	10	-1.3 2	-0.0 02	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	16QAM	NV	20	-2.4 0	-0.0 04	-2.5	2.5	PAS S

Band 71	15	13329 7	75	#0	16QAM	NV	30	-1.4 2	-0.0 02	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	16QAM	NV	40	-2.1 6	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13329 7	75	#0	16QAM	NV	50	-1.9 3	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	QPSK	NV	-30	-3.0 6	-0.0 04	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	QPSK	NV	-20	-1.9 3	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	QPSK	NV	-10	-2.4 0	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	QPSK	NV	0	-2.5 9	-0.0 04	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	QPSK	NV	10	-2.6 5	-0.0 04	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	QPSK	NV	20	-2.6 3	-0.0 04	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	QPSK	NV	30	-2.1 7	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	QPSK	NV	40	-2.1 3	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	QPSK	NV	50	-0.9 7	-0.0 01	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	16QAM	NV	-30	-1.8 0	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	16QAM	NV	-20	-2.0 5	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	16QAM	NV	-10	-2.0 3	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	16QAM	NV	0	-1.8 6	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	16QAM	NV	10	-1.6 9	-0.0 02	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	16QAM	NV	20	-2.3 9	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	16QAM	NV	30	-2.6 6	-0.0 04	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	16QAM	NV	40	-2.2 3	-0.0 03	-2.5	2.5	PAS S
Band 71	15	13339 7	75	#0	16QAM	NV	50	-2.4 2	-0.0 04	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	QPSK	NV	-30	-0.11	0.00 0	-2.5	2.5	PAS S

Band 71	20	13322 2	10 0	#0	QPSK	NV	-20	-1.9 5	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	QPSK	NV	-10	-1.7 9	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	QPSK	NV	0	-1.8 9	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	QPSK	NV	10	-1.8 5	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	QPSK	NV	20	-2.0 2	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	QPSK	NV	30	-1.9 0	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	QPSK	NV	40	-2.7 0	-0.0 04	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	QPSK	NV	50	-1.6 2	-0.0 02	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	16QAM	NV	-30	-2.1 2	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	16QAM	NV	-20	-1.6 5	-0.0 02	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	16QAM	NV	-10	-1.4 6	-0.0 02	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	16QAM	NV	0	-1.4 2	-0.0 02	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	16QAM	NV	10	-1.8 3	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	16QAM	NV	20	-2.2 6	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	16QAM	NV	30	-2.2 6	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	16QAM	NV	40	-1.7 6	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13322 2	10 0	#0	16QAM	NV	50	-1.6 7	-0.0 02	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	QPSK	NV	-30	-2.1 5	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	QPSK	NV	-20	-2.6 5	-0.0 04	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	QPSK	NV	-10	-2.3 6	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	QPSK	NV	0	-1.3 3	-0.0 02	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	QPSK	NV	10	-2.4 2	-0.0 04	-2.5	2.5	PAS S

Band 71	20	13329 7	10 0	#0	QPSK	NV	20	-2.4 2	-0.0 04	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	QPSK	NV	30	-2.6 2	-0.0 04	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	QPSK	NV	40	-1.7 0	-0.0 02	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	QPSK	NV	50	-2.3 9	-0.0 04	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	16QAM	NV	-30	-2.1 3	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	16QAM	NV	-20	-2.2 6	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	16QAM	NV	-10	-1.0 2	-0.0 01	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	16QAM	NV	0	-1.9 0	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	16QAM	NV	10	-2.6 5	-0.0 04	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	16QAM	NV	20	-1.8 5	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	16QAM	NV	30	-1.5 6	-0.0 02	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	16QAM	NV	40	-2.2 3	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13329 7	10 0	#0	16QAM	NV	50	-2.4 0	-0.0 04	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	QPSK	NV	-30	-2.1 2	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	QPSK	NV	-20	-2.3 0	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	QPSK	NV	-10	-1.9 7	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	QPSK	NV	0	-1.6 9	-0.0 02	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	QPSK	NV	10	-2.0 2	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	QPSK	NV	20	-1.8 5	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	QPSK	NV	30	-2.0 2	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	QPSK	NV	40	-2.4 5	-0.0 04	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	QPSK	NV	50	-2.0 0	-0.0 03	-2.5	2.5	PAS S

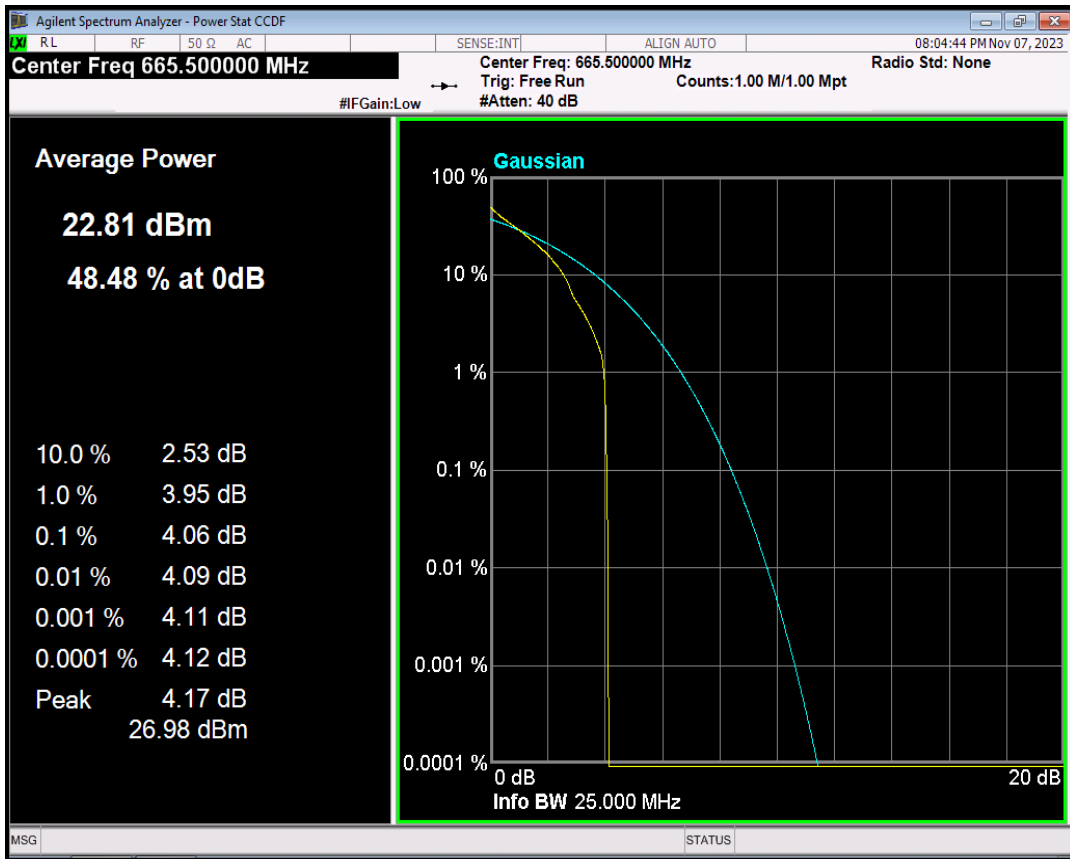
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Band 71	20	13337 2	10 0	#0	16QAM	NV	-20	-1.9 3	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	16QAM	NV	-10	-2.4 5	-0.0 04	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	16QAM	NV	0	-1.7 2	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	16QAM	NV	10	-1.8 9	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	16QAM	NV	20	-2.6 2	-0.0 04	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	16QAM	NV	30	-3.1 5	-0.0 05	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	16QAM	NV	40	-1.8 7	-0.0 03	-2.5	2.5	PAS S
Band 71	20	13337 2	10 0	#0	16QAM	NV	50	-2.4 3	-0.0 04	-2.5	2.5	PAS S



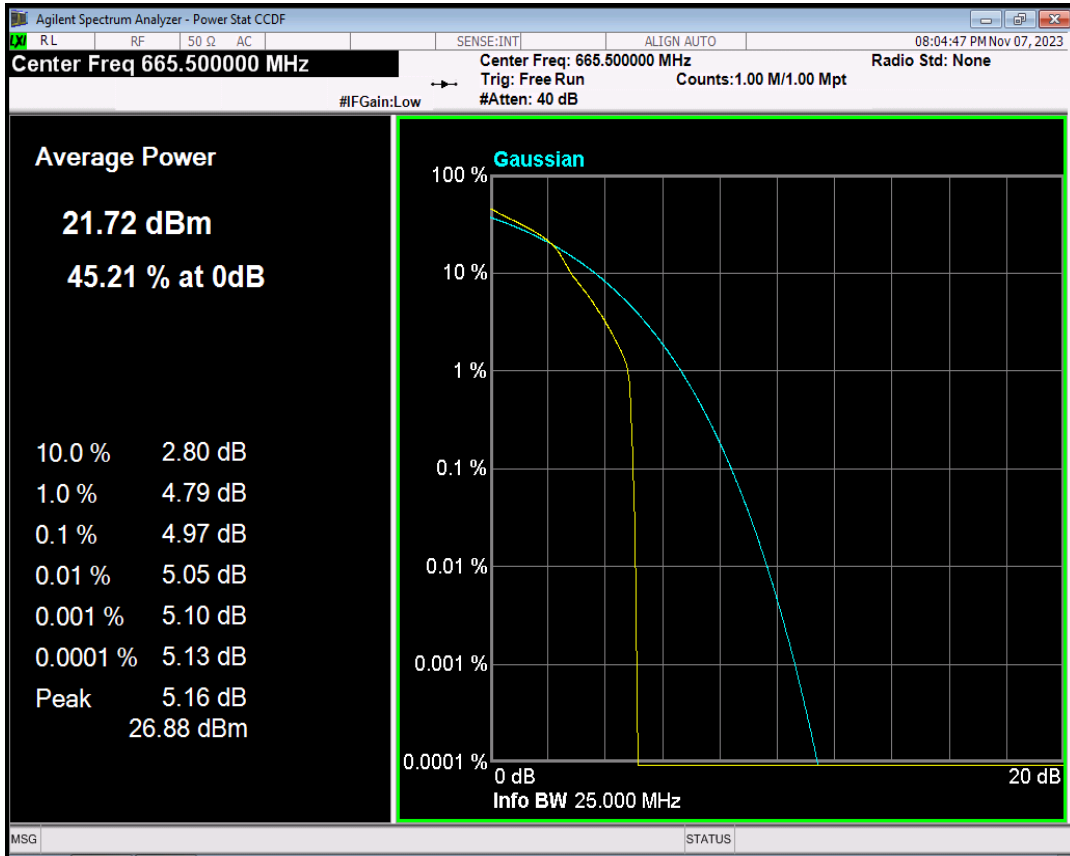
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band71	5	133147	1	#0	QPSK	4.06	13	PASS
Band71	5	133147	1	#0	16QAM	4.97	13	PASS
Band71	5	133297	1	#0	QPSK	4.18	13	PASS
Band71	5	133297	1	#0	16QAM	5.03	13	PASS
Band71	5	133447	1	#0	QPSK	4.36	13	PASS
Band71	5	133447	1	#0	16QAM	5.26	13	PASS
Band71	10	133172	1	#0	QPSK	4.05	13	PASS
Band71	10	133172	1	#0	16QAM	5.00	13	PASS
Band71	10	133297	1	#0	QPSK	4.31	13	PASS
Band71	10	133297	1	#0	16QAM	5.29	13	PASS
Band71	10	133422	1	#0	QPSK	4.15	13	PASS
Band71	10	133422	1	#0	16QAM	5.02	13	PASS
Band71	15	133197	1	#0	QPSK	4.09	13	PASS
Band71	15	133197	1	#0	16QAM	4.98	13	PASS
Band71	15	133297	1	#0	QPSK	4.27	13	PASS
Band71	15	133297	1	#0	16QAM	5.28	13	PASS
Band71	15	133397	1	#0	QPSK	4.49	13	PASS
Band71	15	133397	1	#0	16QAM	5.30	13	PASS
Band71	20	133222	1	#0	QPSK	4.26	13	PASS
Band71	20	133222	1	#0	16QAM	5.18	13	PASS
Band71	20	133297	1	#0	QPSK	3.82	13	PASS
Band71	20	133297	1	#0	16QAM	4.81	13	PASS
Band71	20	133372	1	#0	QPSK	4.08	13	PASS
Band71	20	133372	1	#0	16QAM	4.95	13	PASS

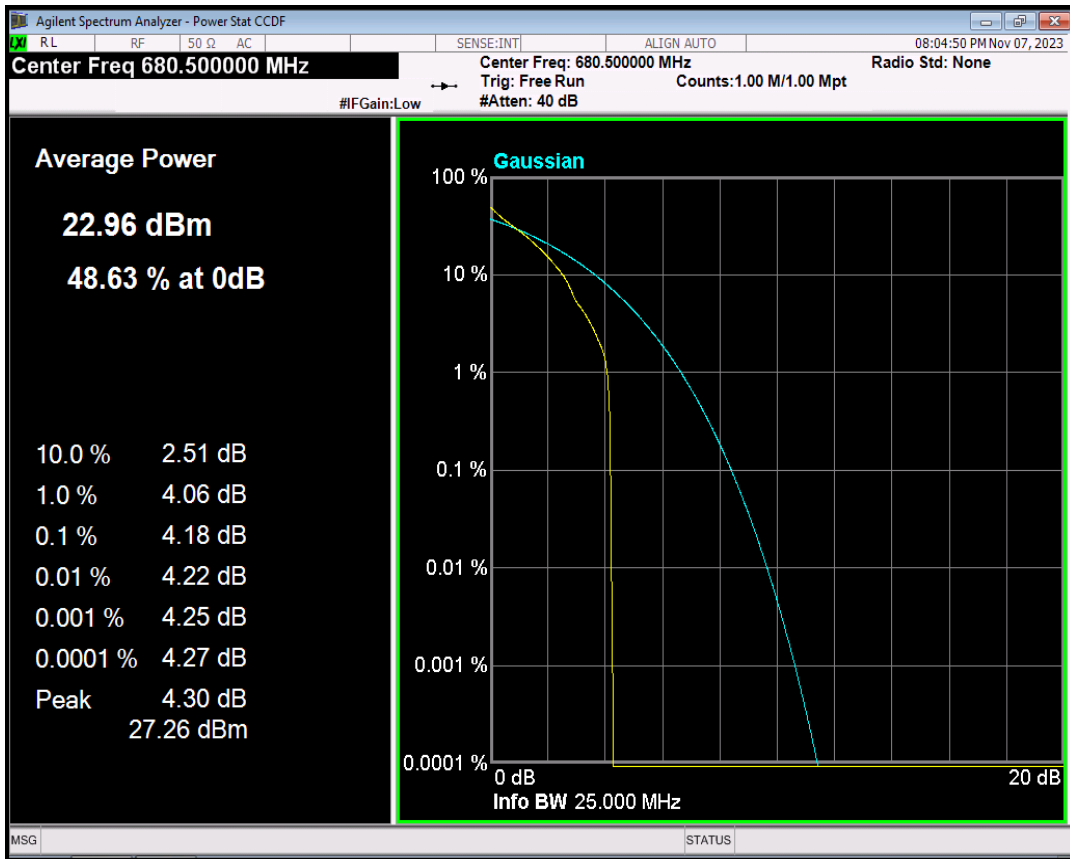
Band71 QPSK BW=5MHz Channel=133147 RB Size=1 Position=#0



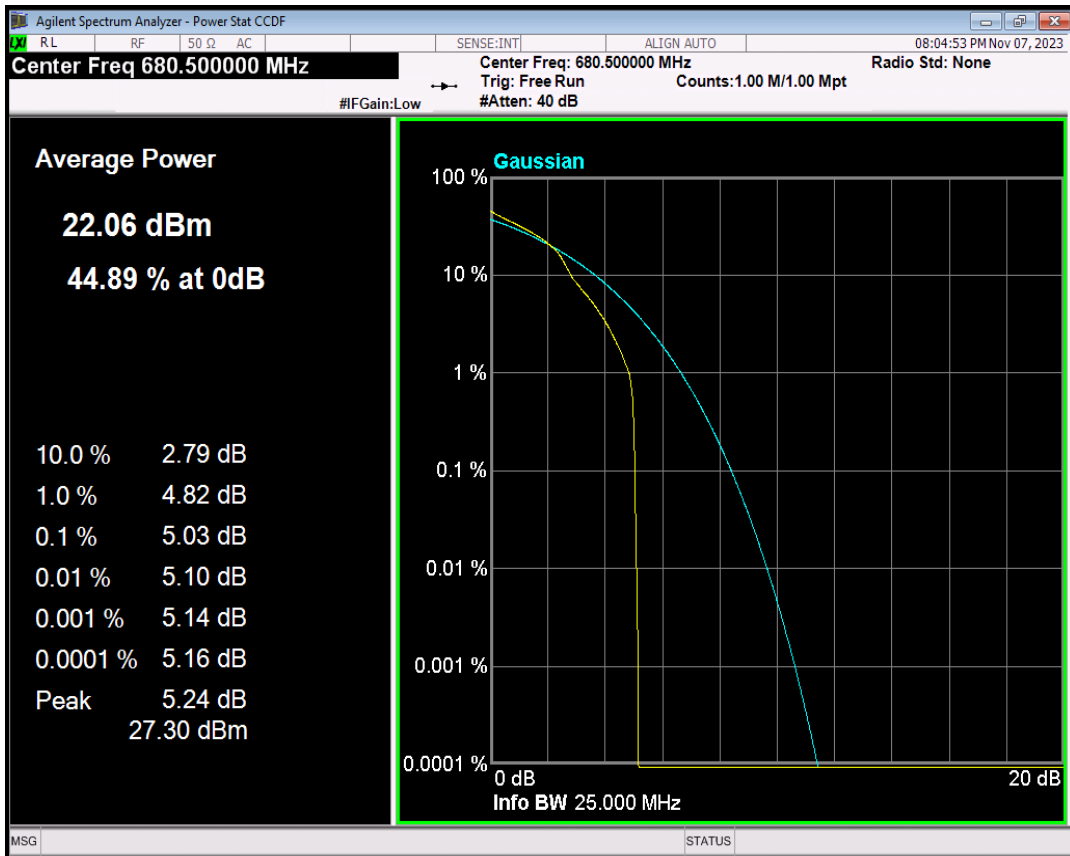
Band71 16QAM BW=5MHz Channel=133147 RB Size=1 Position=#0



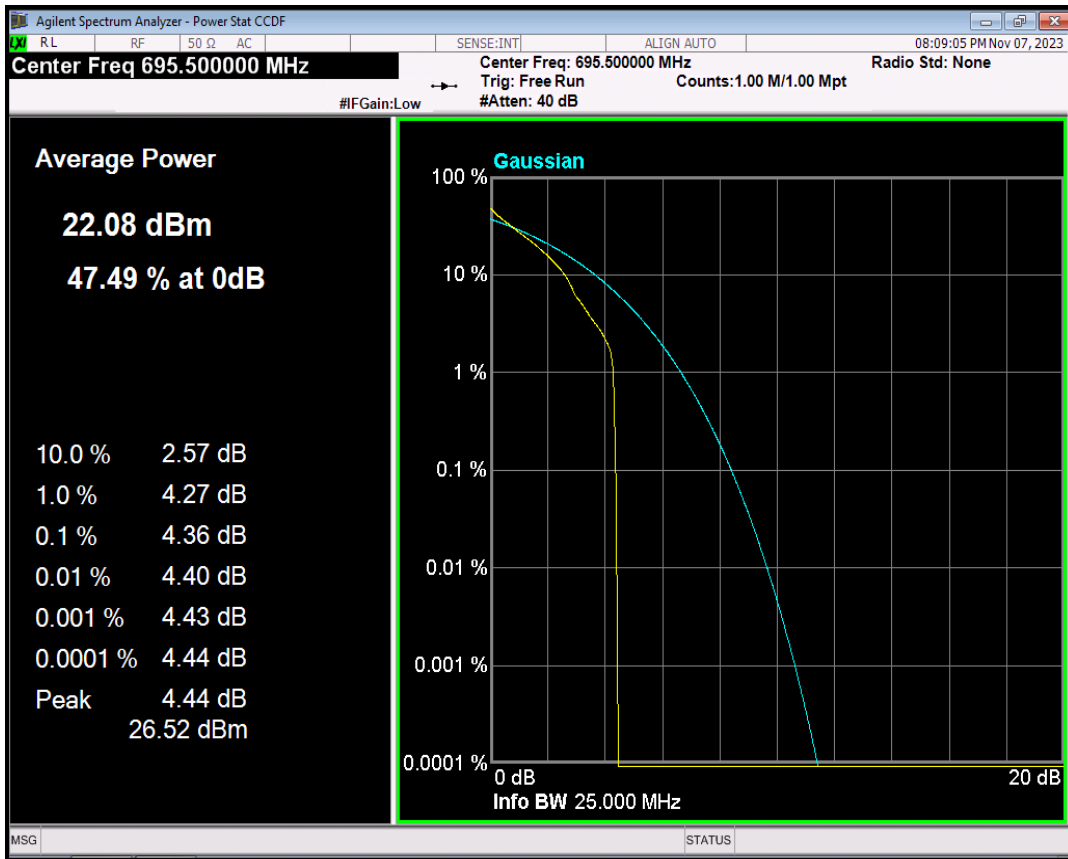
Band71 QPSK BW=5MHz Channel=133297 RB Size=1 Position=#0



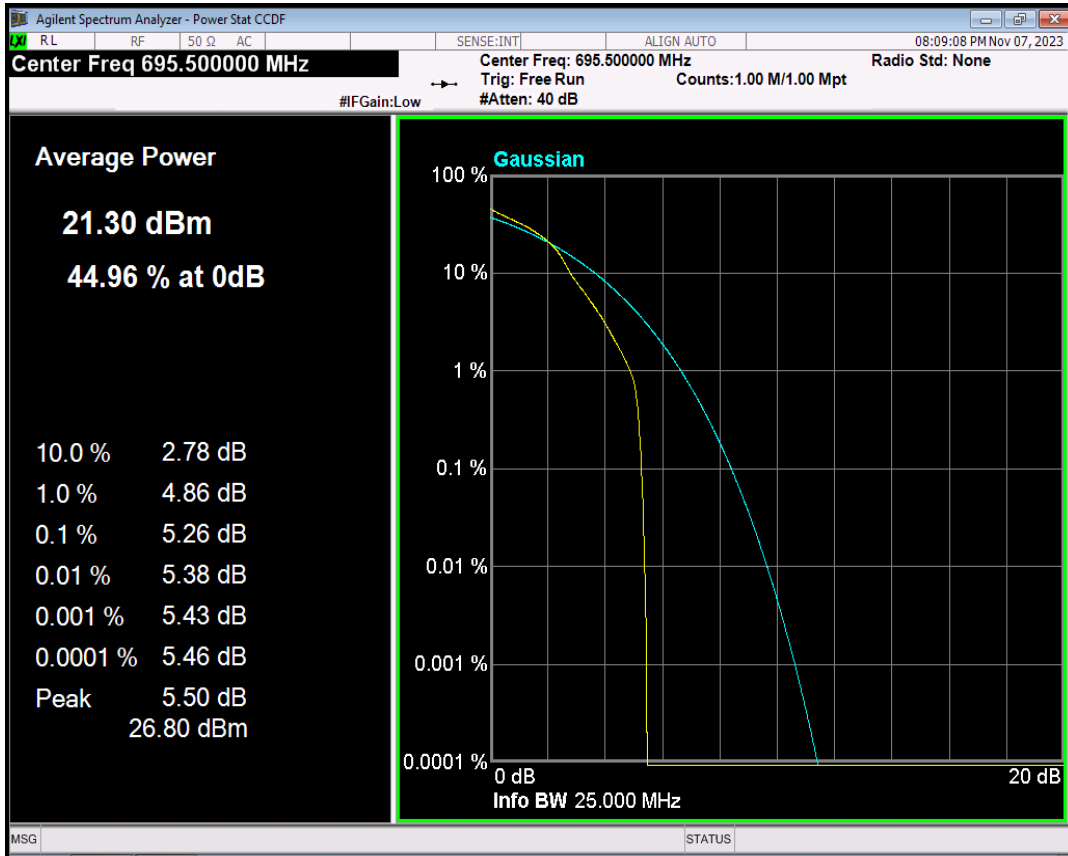
Band71 16QAM BW=5MHz Channel=133297 RB Size=1 Position=#0



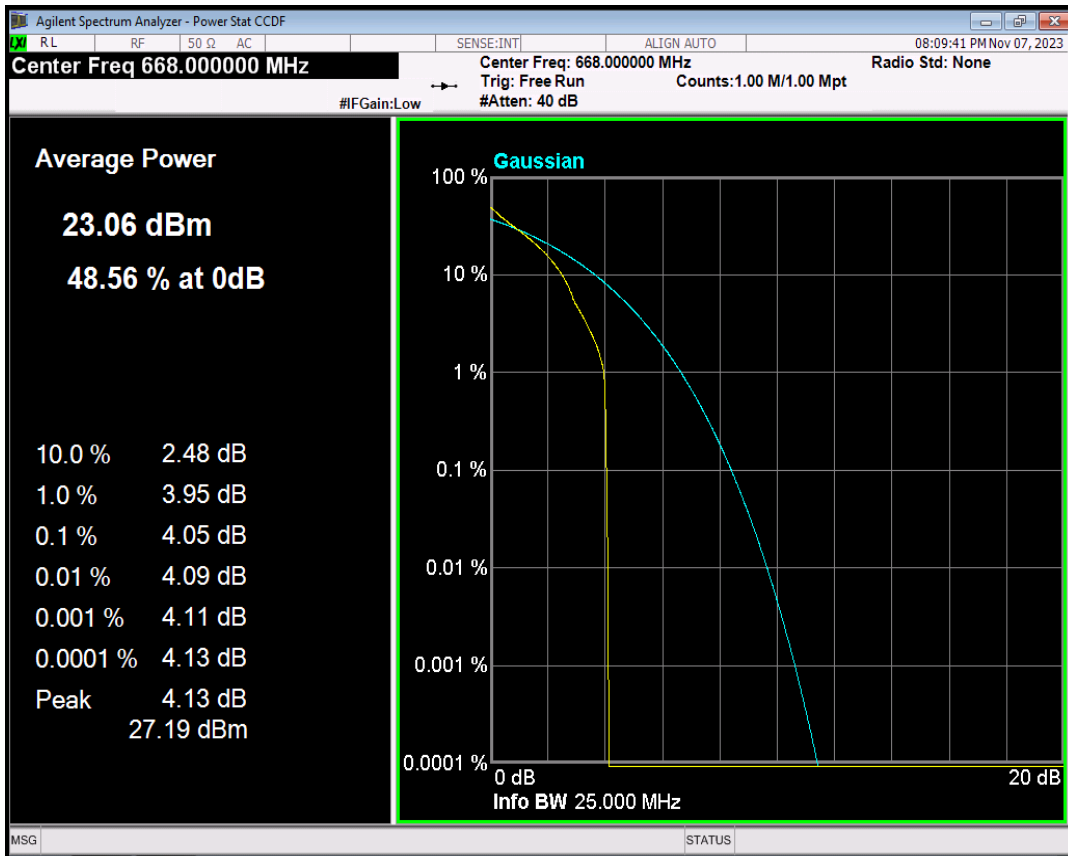
Band71 QPSK BW=5MHz Channel=133447 RB Size=1 Position=#0



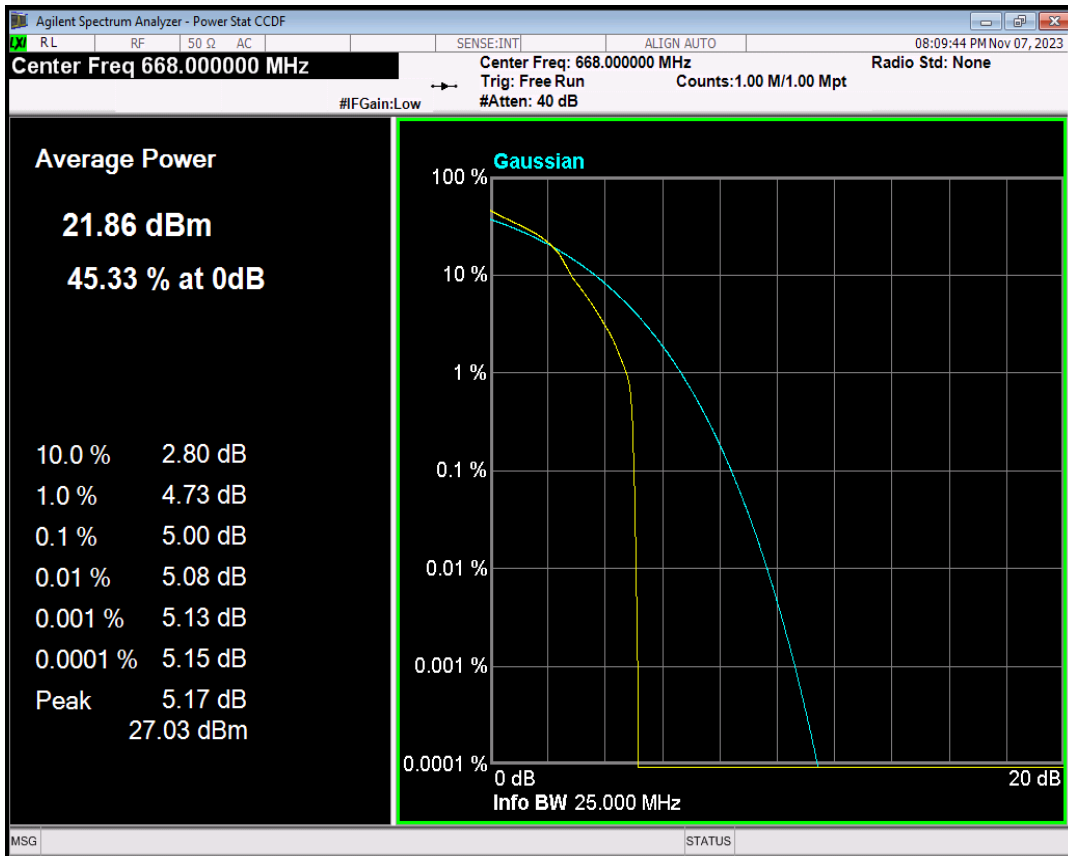
Band71 16QAM BW=5MHz Channel=133447 RB Size=1 Position=#0



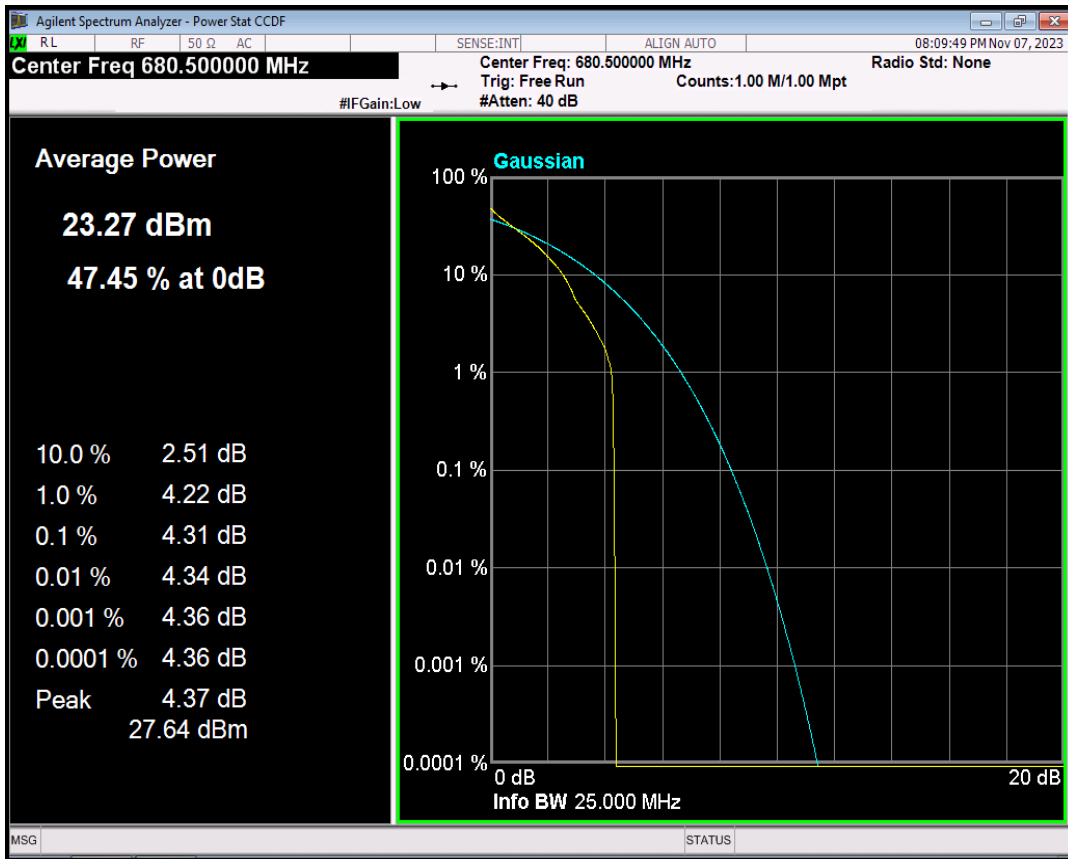
Band71 QPSK BW=10MHz Channel=133172 RB Size=1 Position=#0



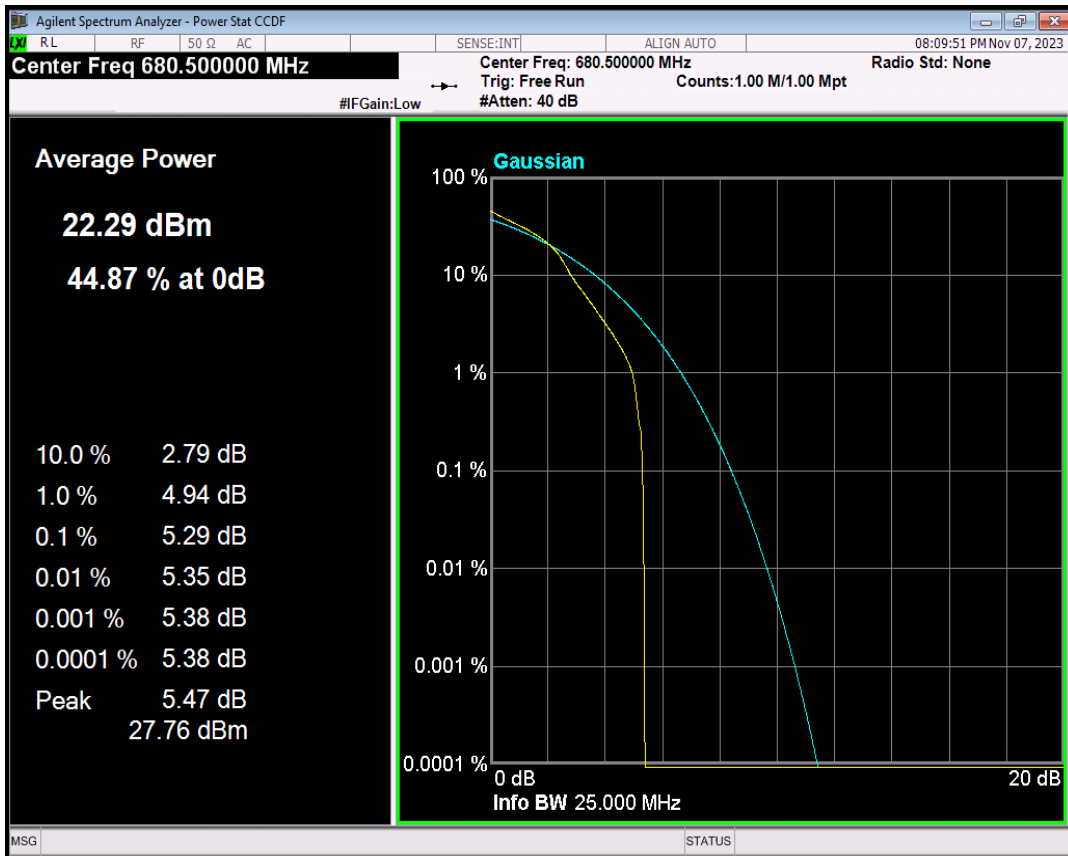
Band71 16QAM BW=10MHz Channel=133172 RB Size=1 Position=#0



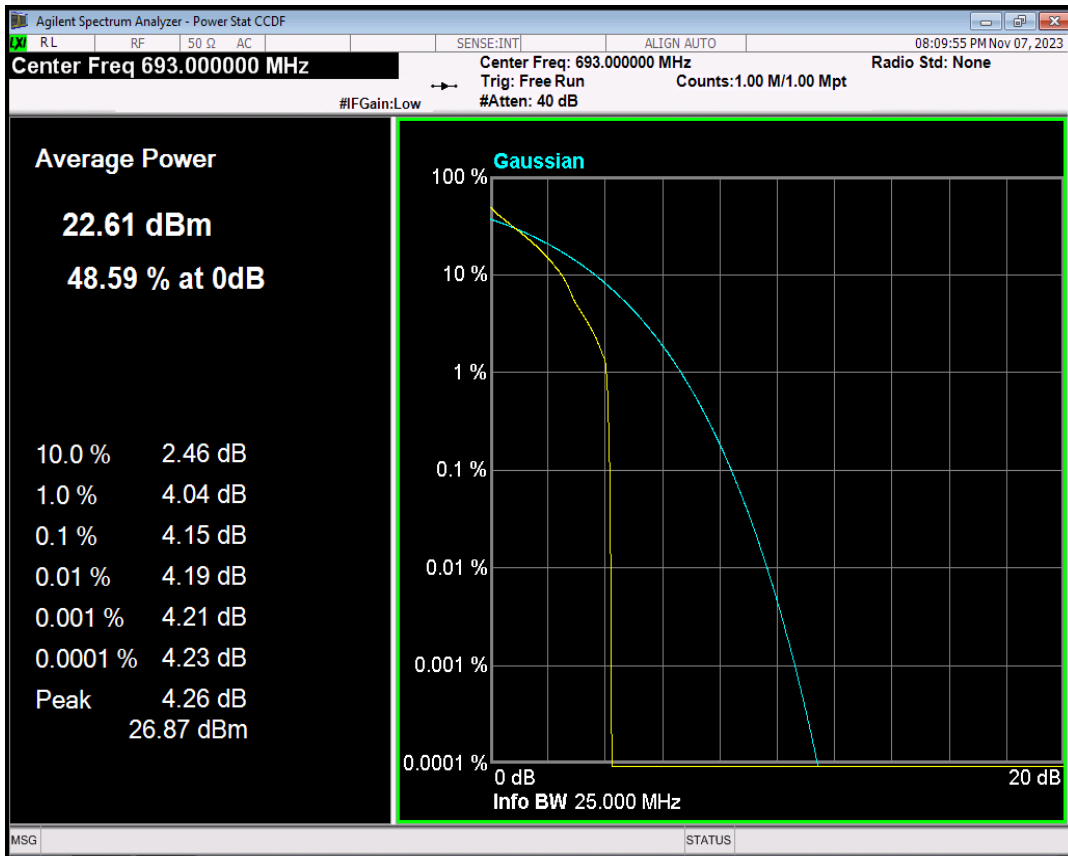
Band71 QPSK BW=10MHz Channel=133297 RB Size=1 Position=#0



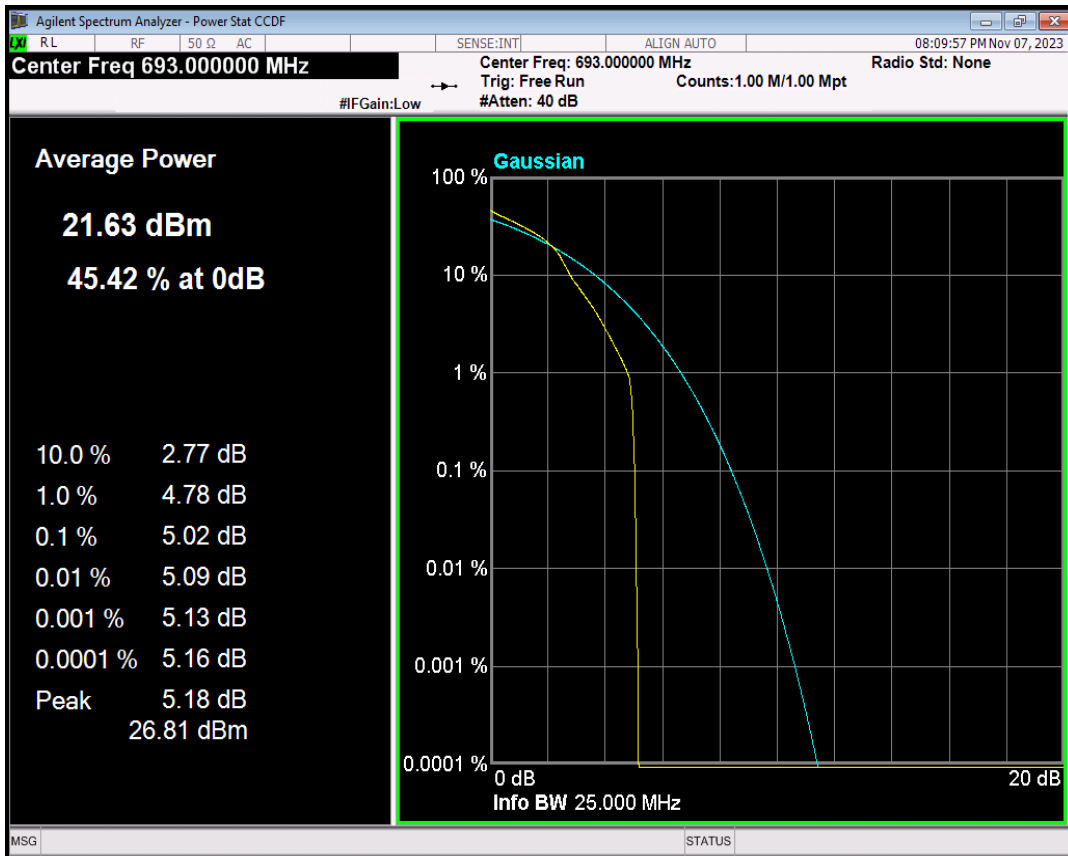
Band71 16QAM BW=10MHz Channel=133297 RB Size=1 Position=#0



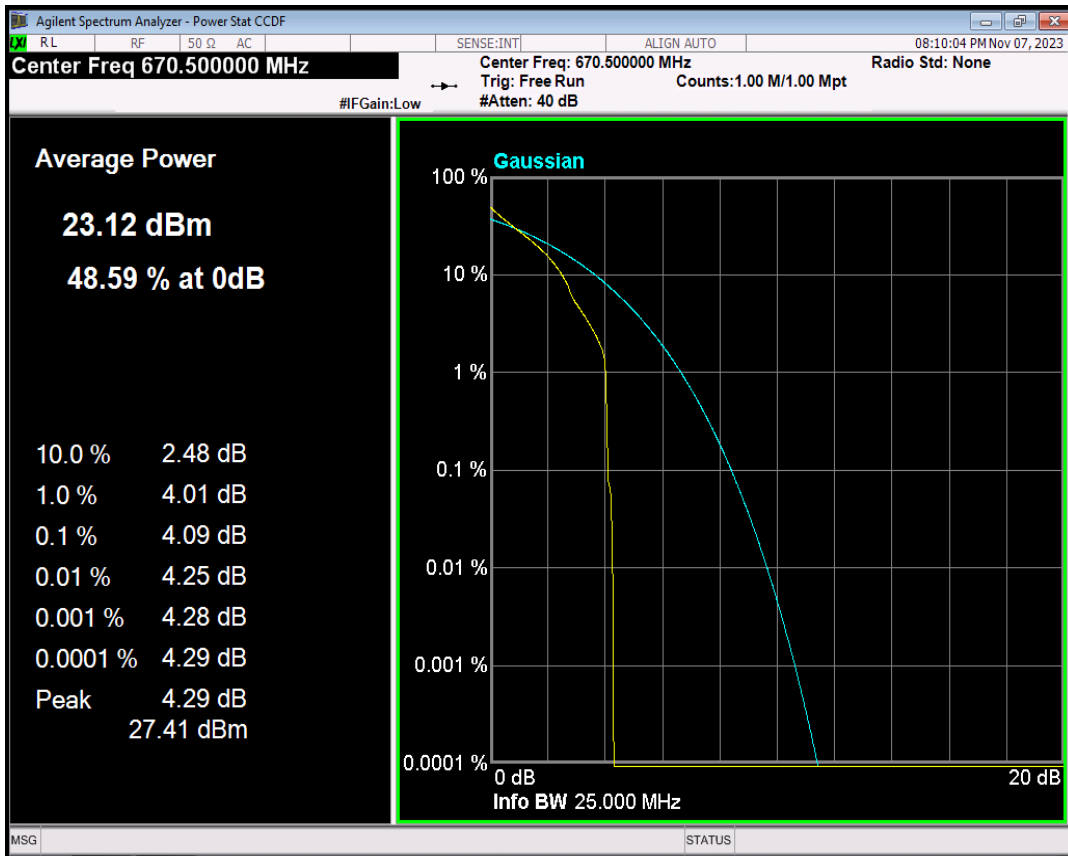
Band71 QPSK BW=10MHz Channel=133422 RB Size=1 Position=#0



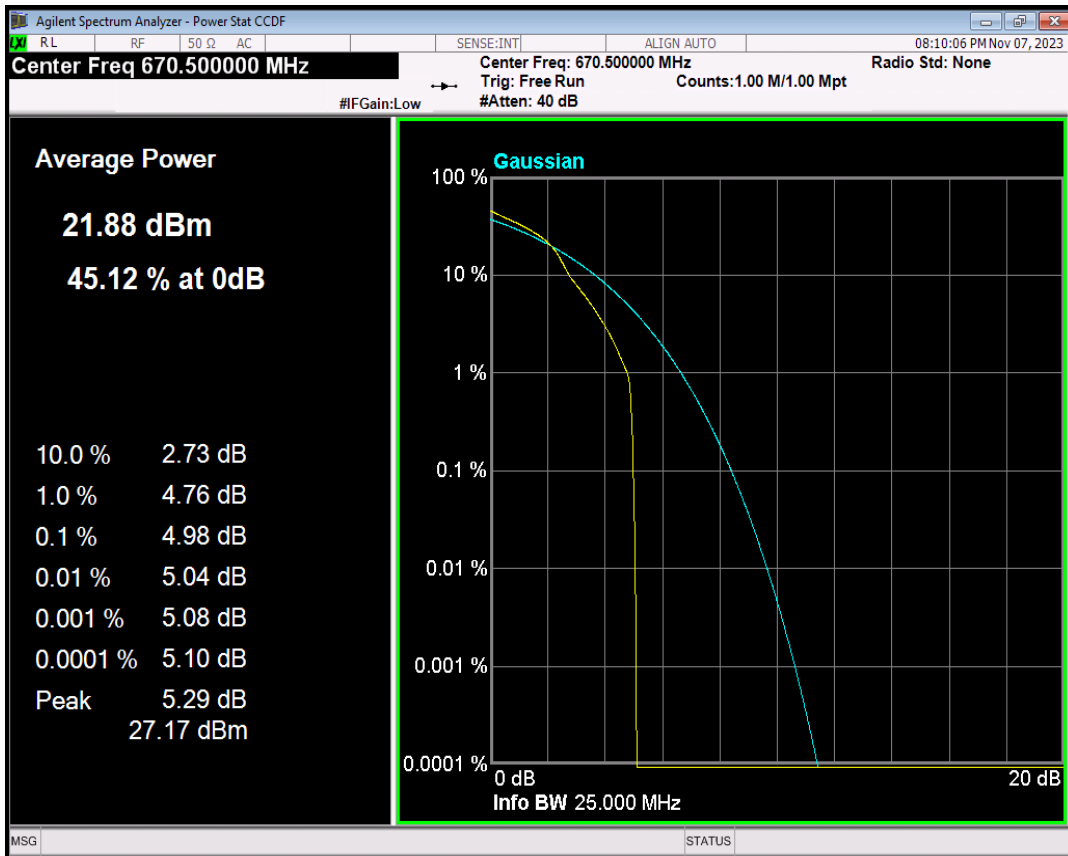
Band71 16QAM BW=10MHz Channel=133422 RB Size=1 Position=#0



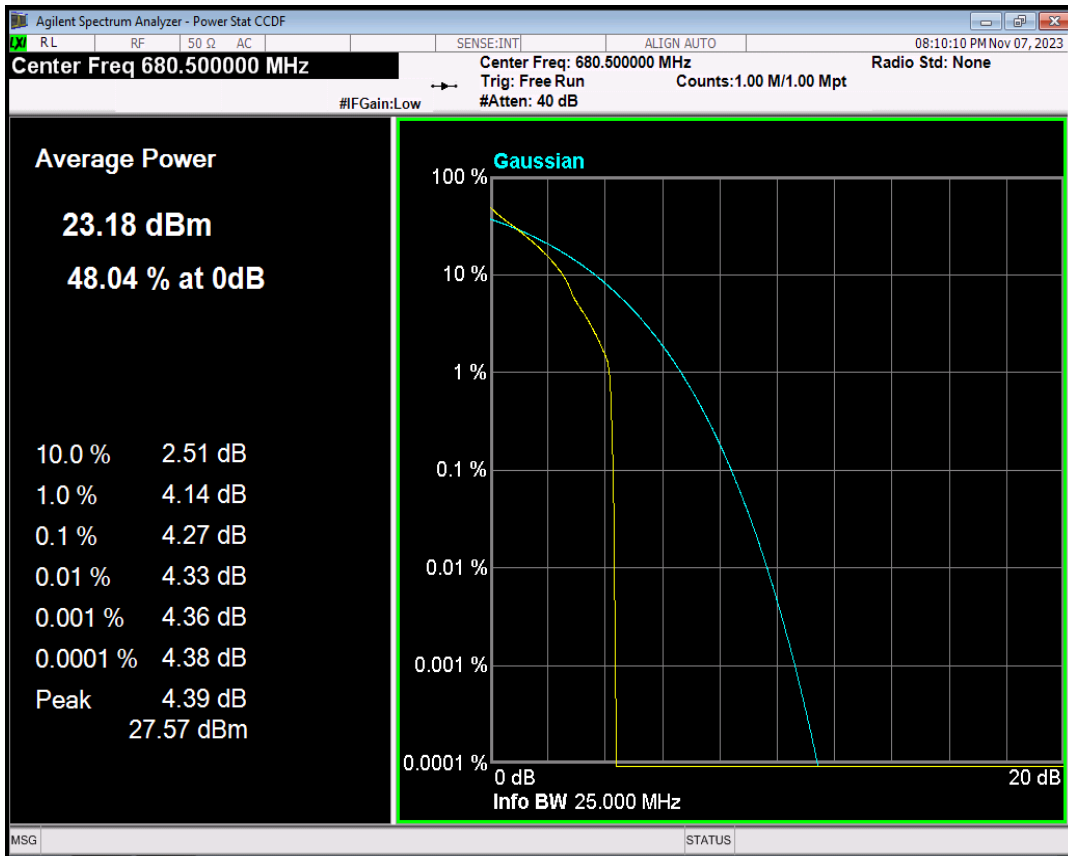
Band71 QPSK BW=15MHz Channel=133197 RB Size=1 Position=#0



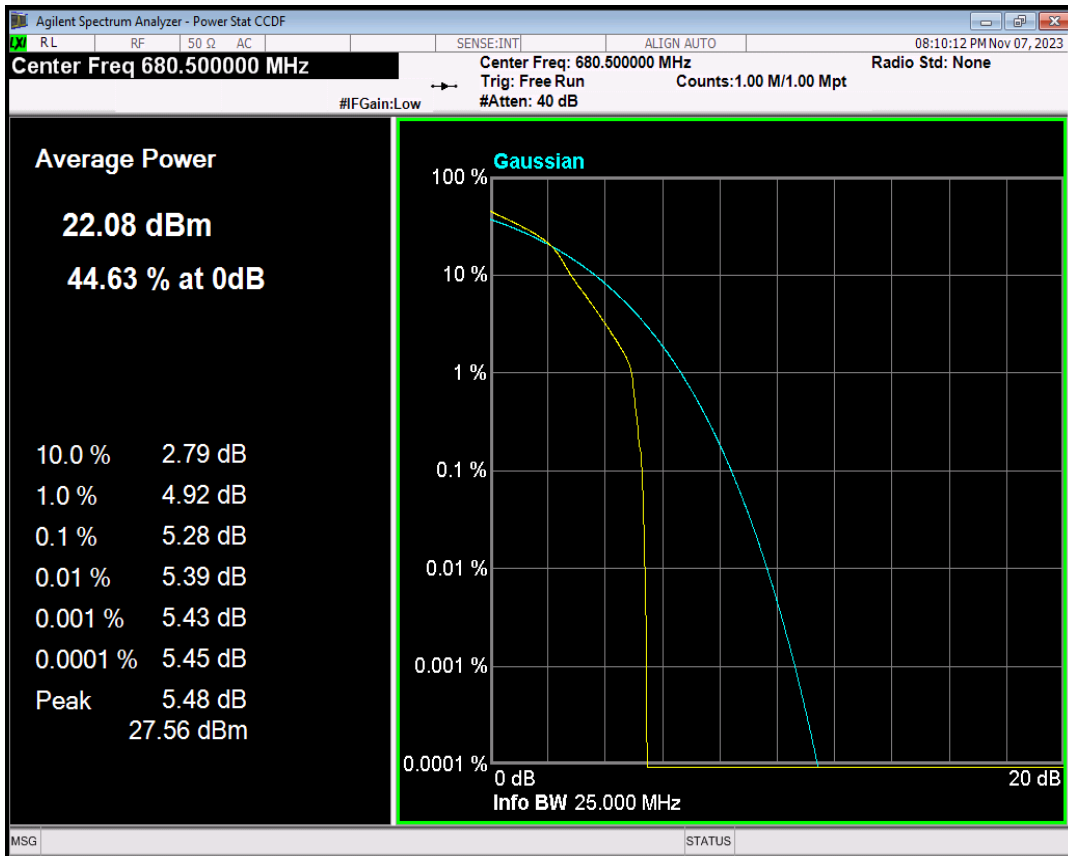
Band71 16QAM BW=15MHz Channel=133197 RB Size=1 Position=#0



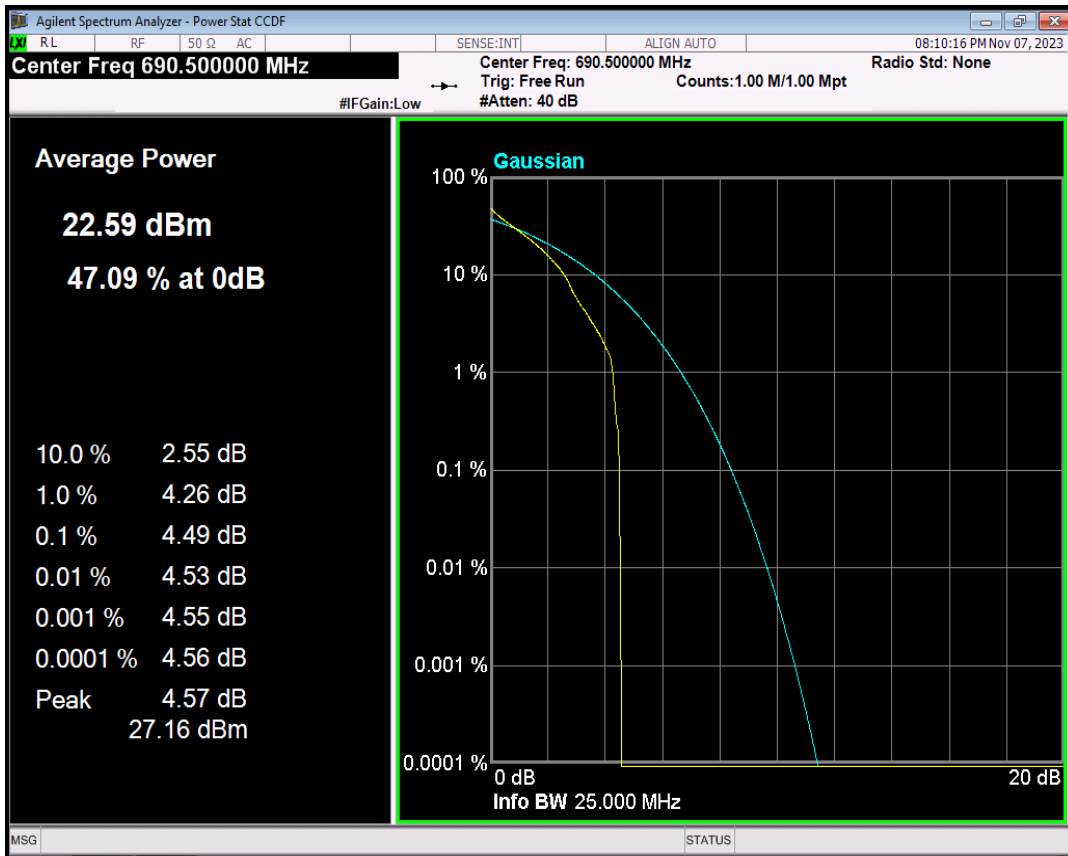
Band71 QPSK BW=15MHz Channel=133297 RB Size=1 Position=#0



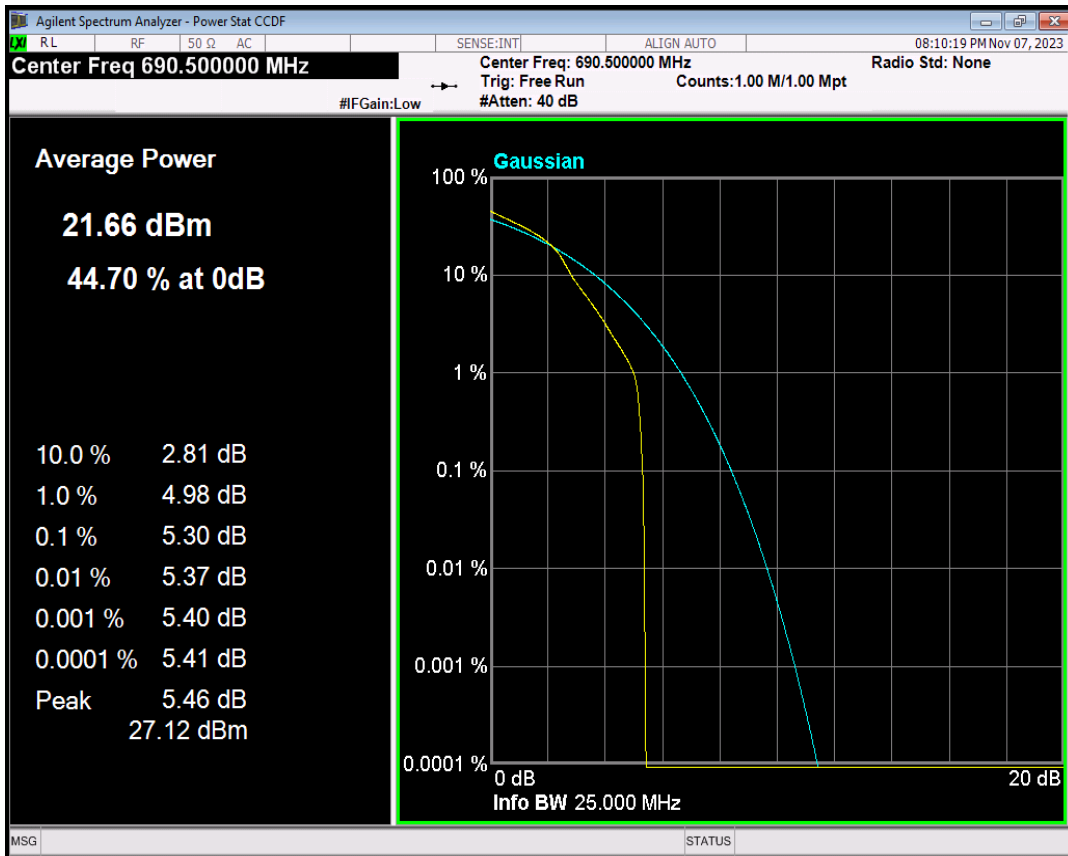
Band71 16QAM BW=15MHz Channel=133297 RB Size=1 Position=#0



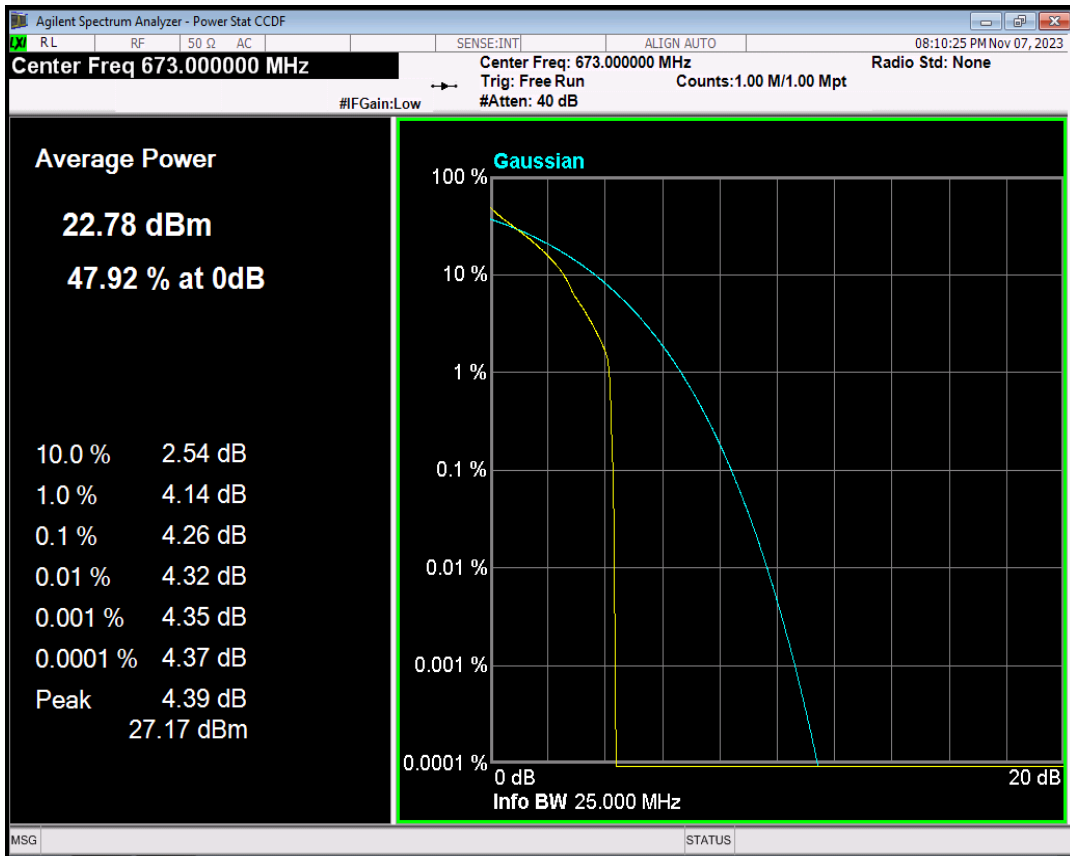
Band71 QPSK BW=15MHz Channel=133397 RB Size=1 Position=#0



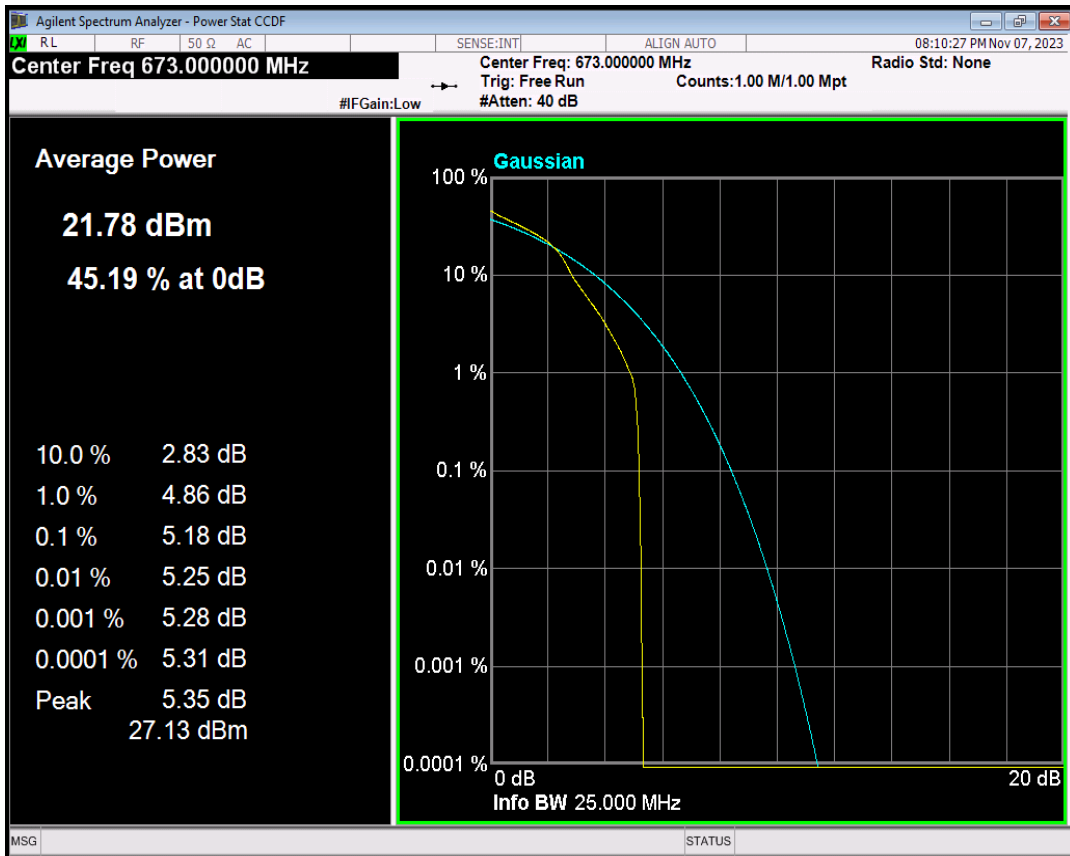
Band71 16QAM BW=15MHz Channel=133397 RB Size=1 Position=#0



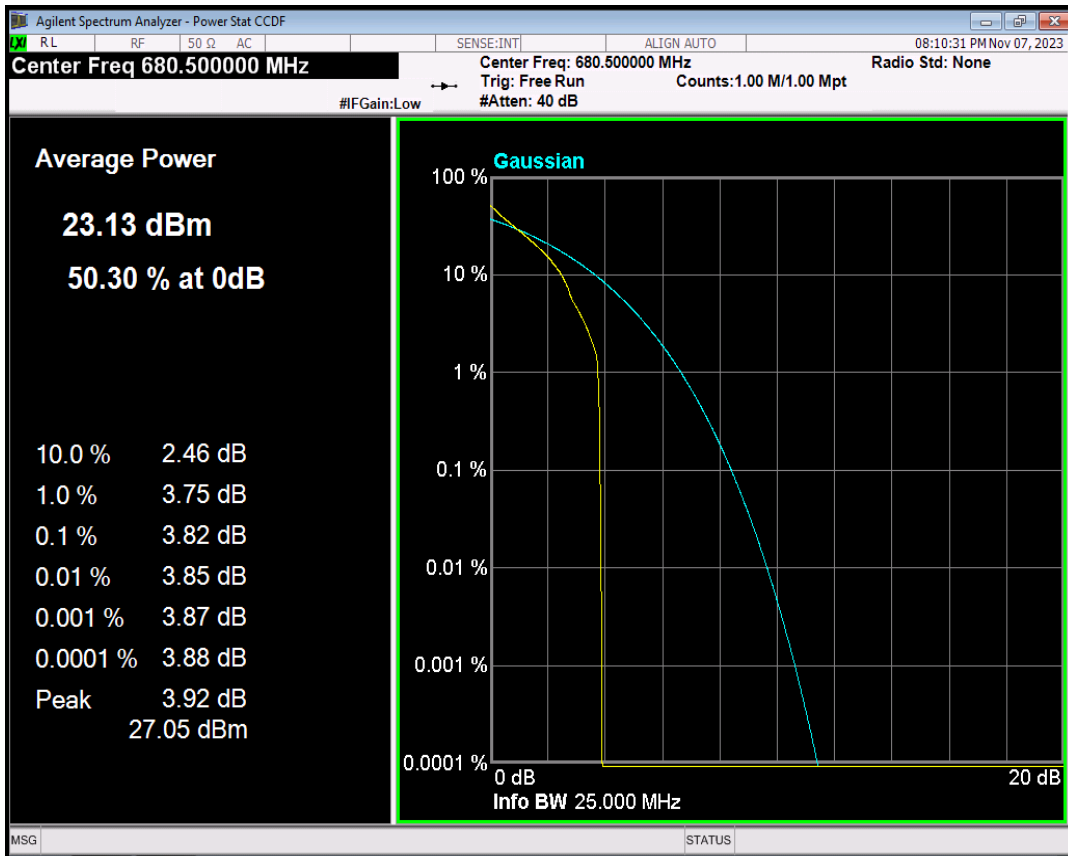
Band71 QPSK BW=20MHz Channel=133222 RB Size=1 Position=#0



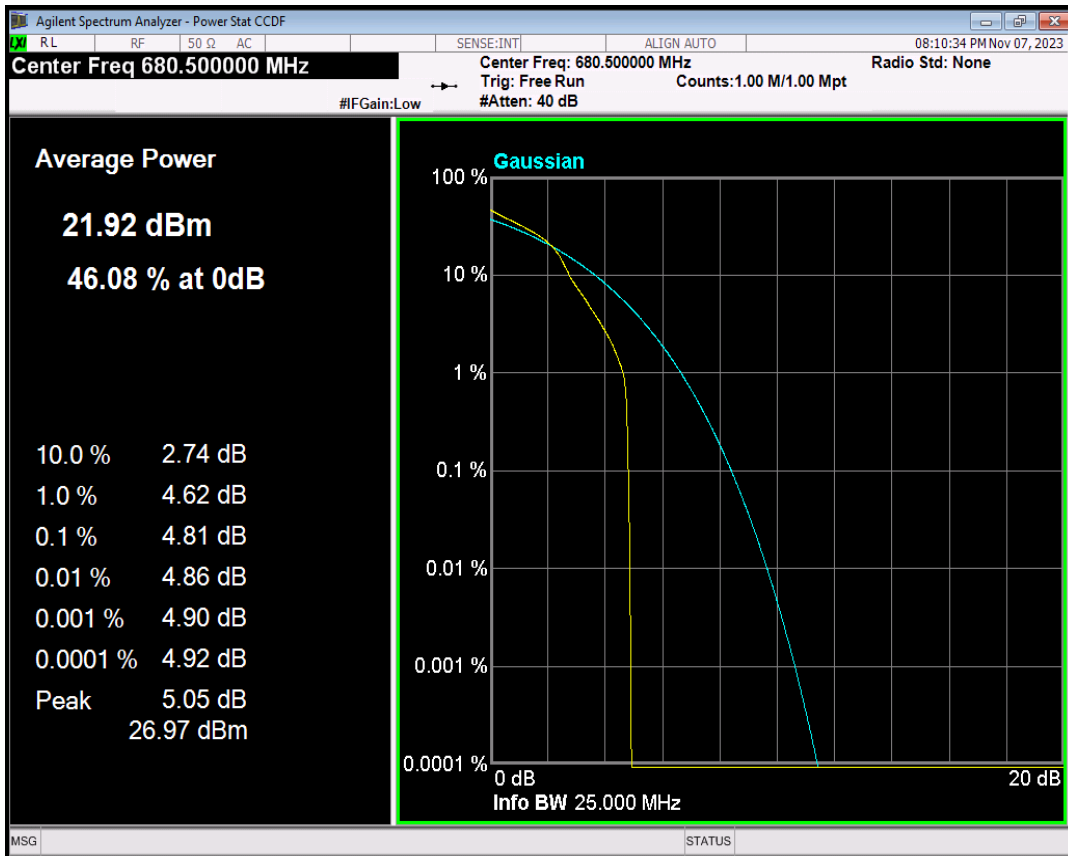
Band71 16QAM BW=20MHz Channel=133222 RB Size=1 Position=#0



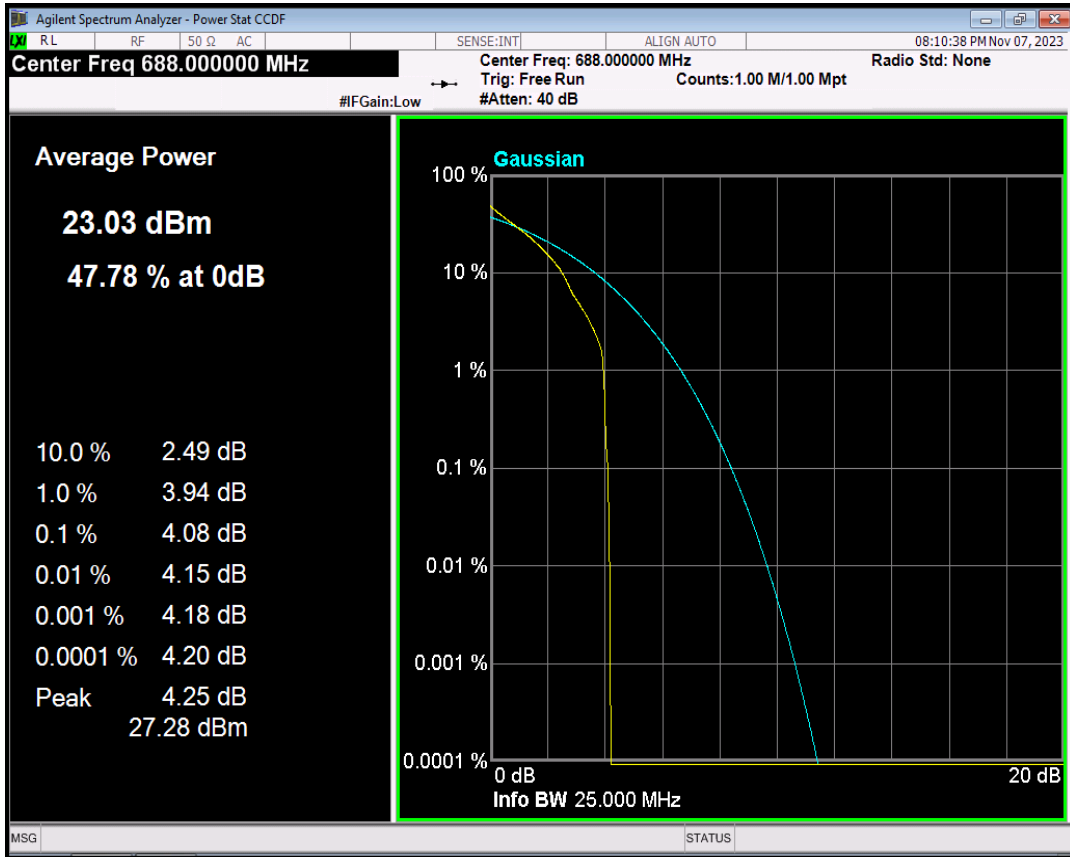
Band71 QPSK BW=20MHz Channel=133297 RB Size=1 Position=#0



Band71 16QAM BW=20MHz Channel=133297 RB Size=1 Position=#0



Band71 QPSK BW=20MHz Channel=133372 RB Size=1 Position=#0



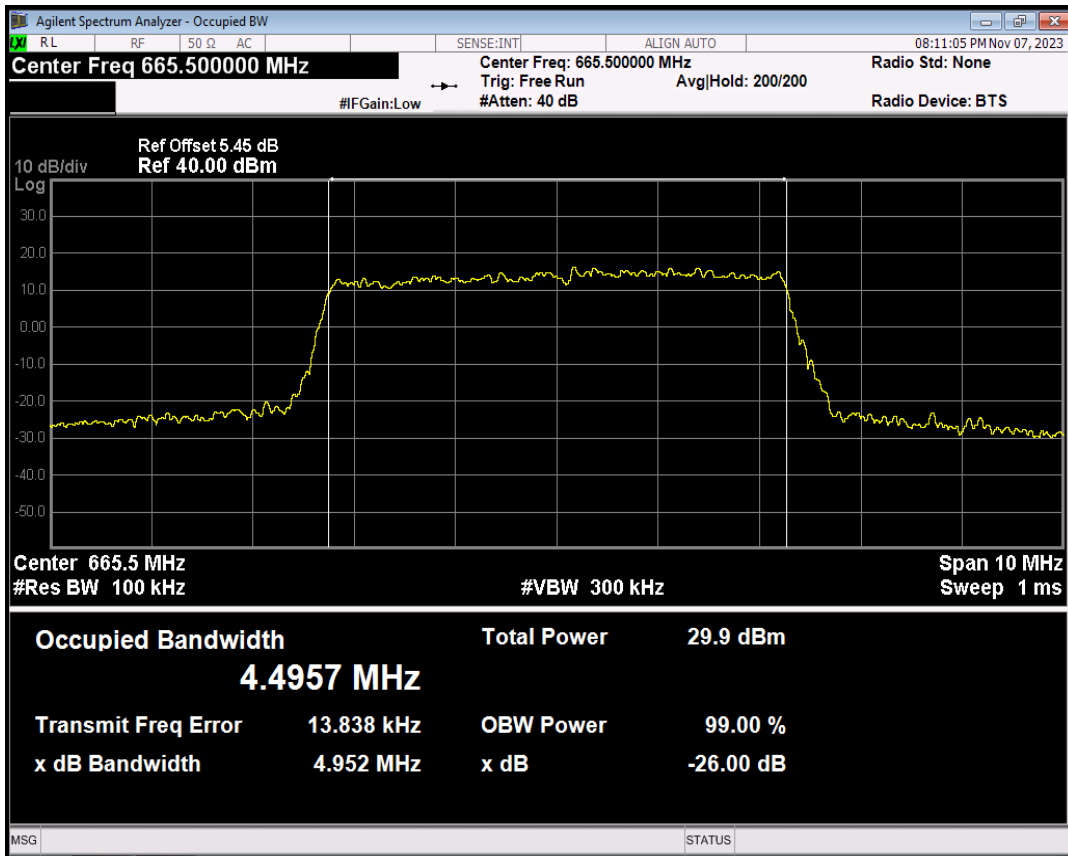
Band71 16QAM BW=20MHz Channel=133372 RB Size=1 Position=#0



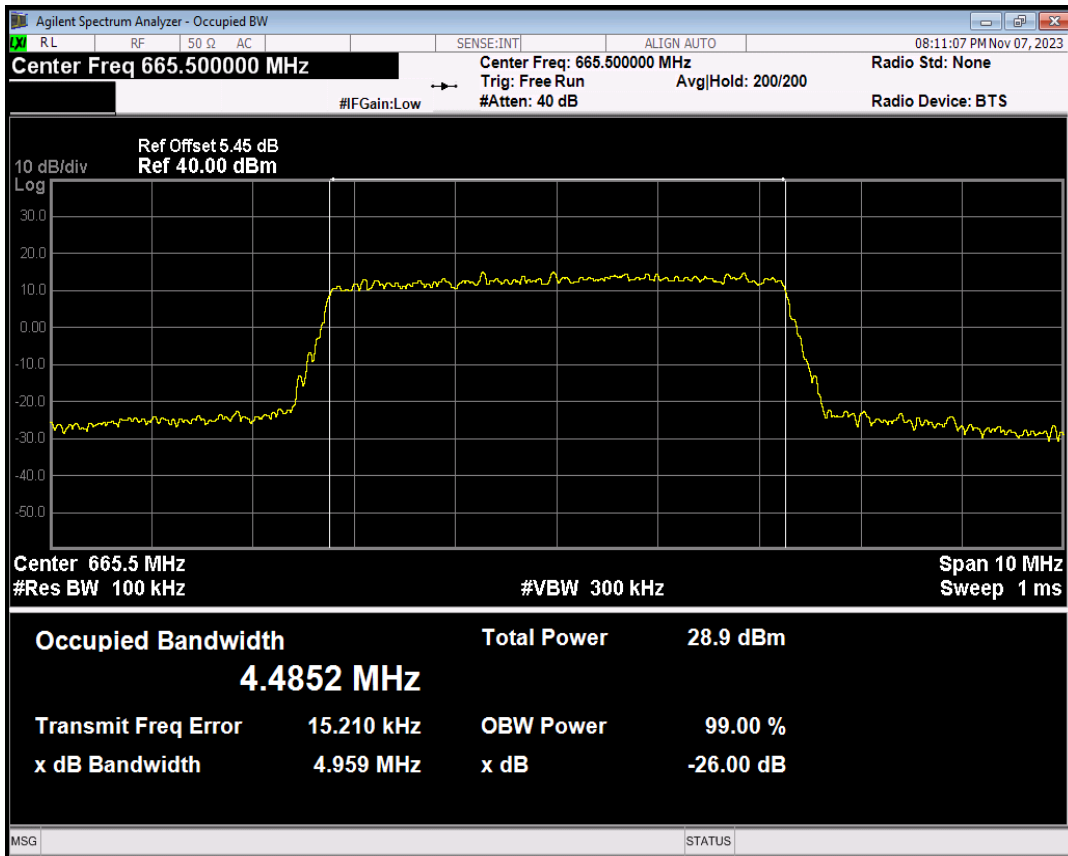
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band71	5	133147	25	#0	QPSK	4.496	4.952	PASS
Band71	5	133147	25	#0	16QAM	4.485	4.959	PASS
Band71	5	133297	25	#0	QPSK	4.522	5.048	PASS
Band71	5	133297	25	#0	16QAM	4.531	5.018	PASS
Band71	5	133447	25	#0	QPSK	4.510	4.963	PASS
Band71	5	133447	25	#0	16QAM	4.518	4.918	PASS
Band71	10	133172	50	#0	QPSK	8.956	9.784	PASS
Band71	10	133172	50	#0	16QAM	8.924	9.728	PASS
Band71	10	133297	50	#0	QPSK	8.973	9.760	PASS
Band71	10	133297	50	#0	16QAM	8.996	9.870	PASS
Band71	10	133422	50	#0	QPSK	9.025	9.821	PASS
Band71	10	133422	50	#0	16QAM	9.009	9.840	PASS
Band71	15	133197	75	#0	QPSK	13.443	14.645	PASS
Band71	15	133197	75	#0	16QAM	13.472	14.451	PASS
Band71	15	133297	75	#0	QPSK	13.434	14.457	PASS
Band71	15	133297	75	#0	16QAM	13.447	14.593	PASS
Band71	15	133397	75	#0	QPSK	13.451	14.610	PASS
Band71	15	133397	75	#0	16QAM	13.487	14.527	PASS
Band71	20	133222	100	#0	QPSK	17.837	19.267	PASS
Band71	20	133222	100	#0	16QAM	17.880	19.242	PASS
Band71	20	133297	100	#0	QPSK	17.815	19.195	PASS
Band71	20	133297	100	#0	16QAM	17.805	19.239	PASS
Band71	20	133372	100	#0	QPSK	17.911	19.457	PASS
Band71	20	133372	100	#0	16QAM	17.927	19.216	PASS

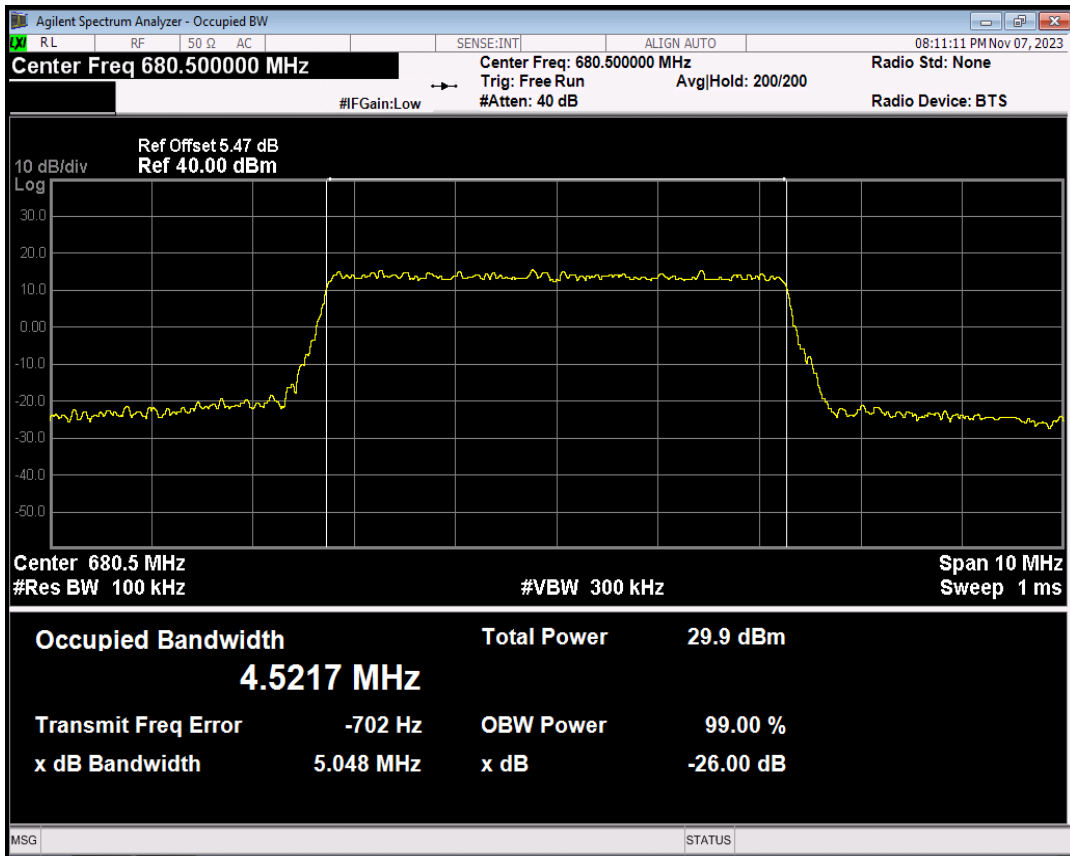
Band71 QPSK BW=5MHz Channel=133147 RB Size=25 Position=#0



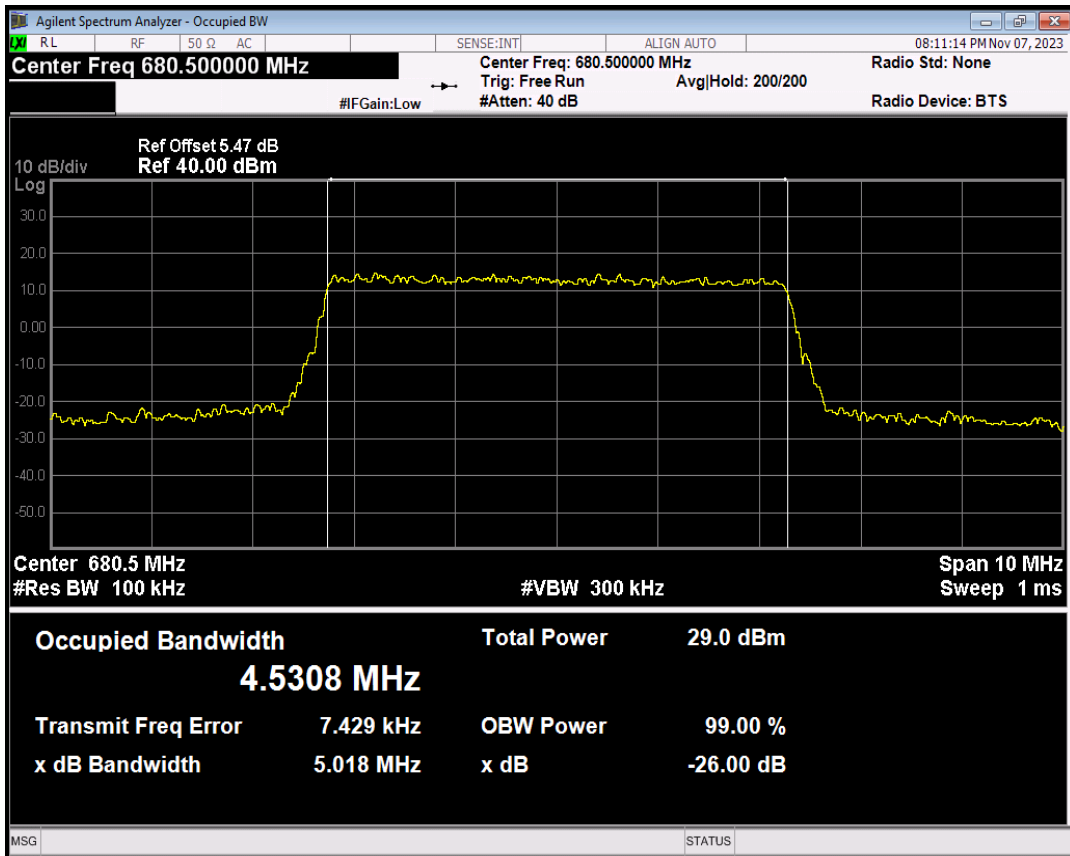
Band71 16QAM BW=5MHz Channel=133147 RB Size=25 Position=#0



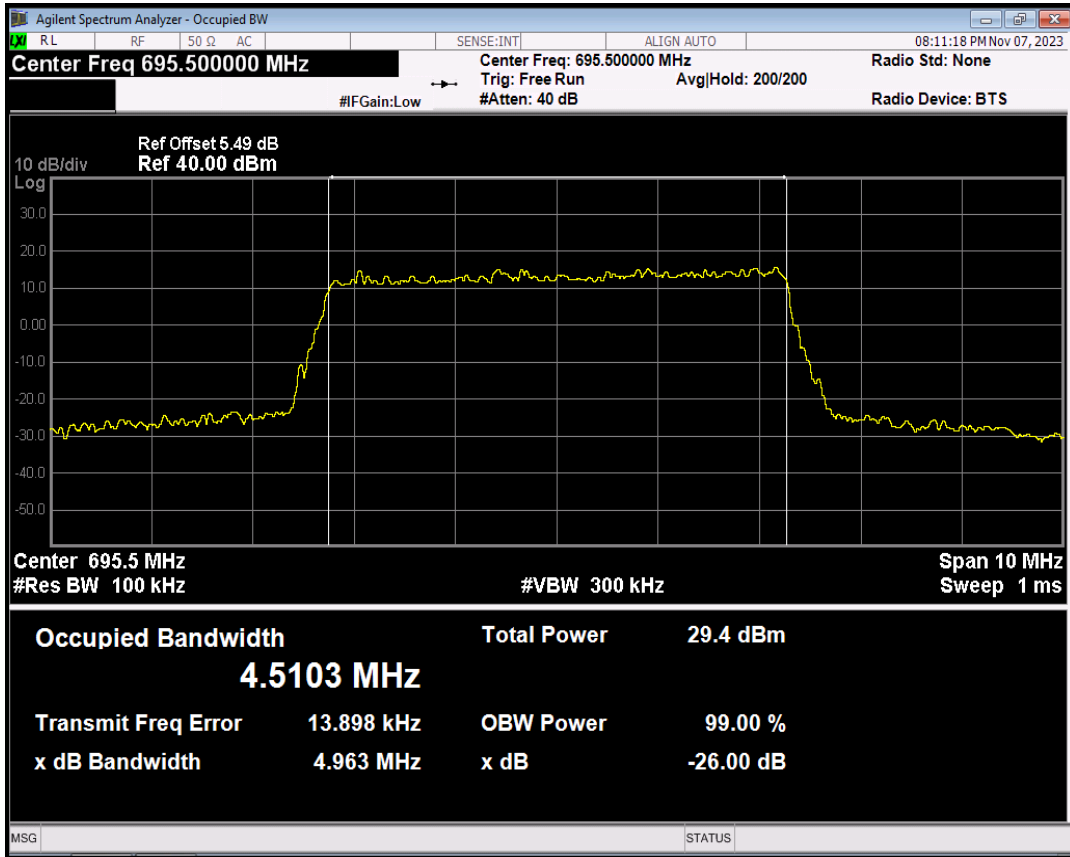
Band71 QPSK BW=5MHz Channel=133297 RB Size=25 Position=#0



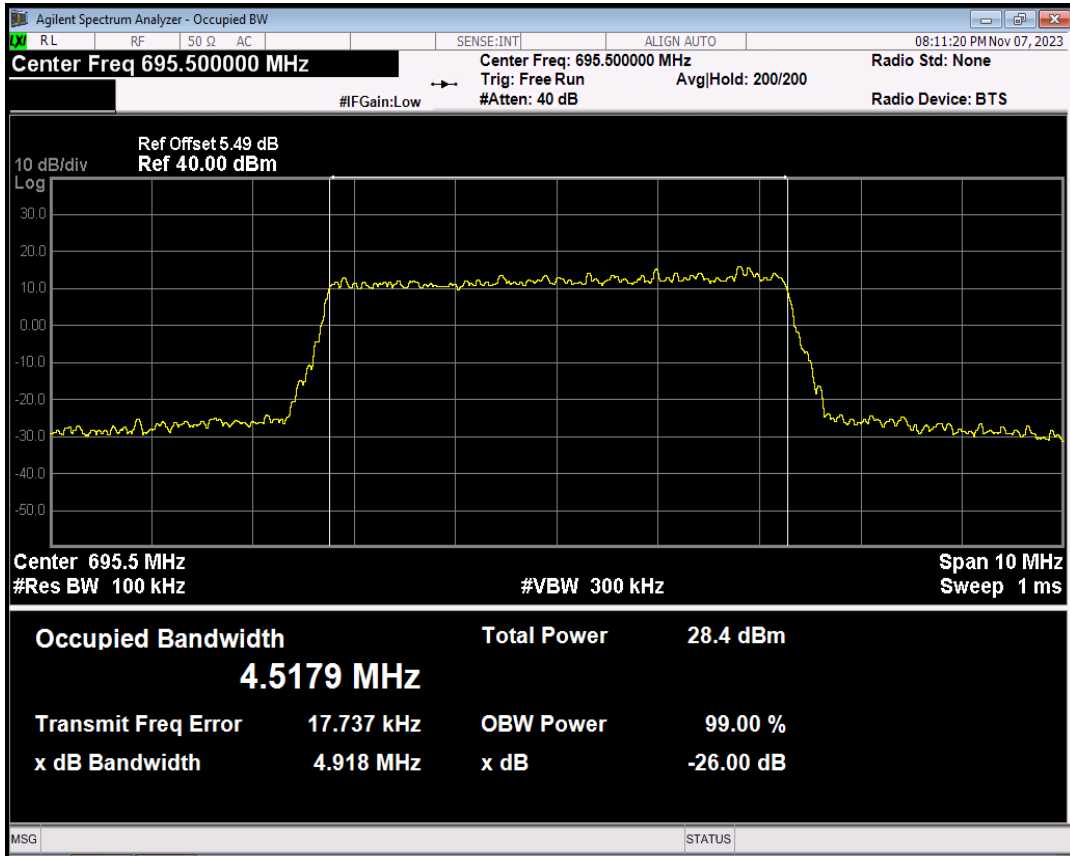
Band71 16QAM BW=5MHz Channel=133297 RB Size=25 Position=#0



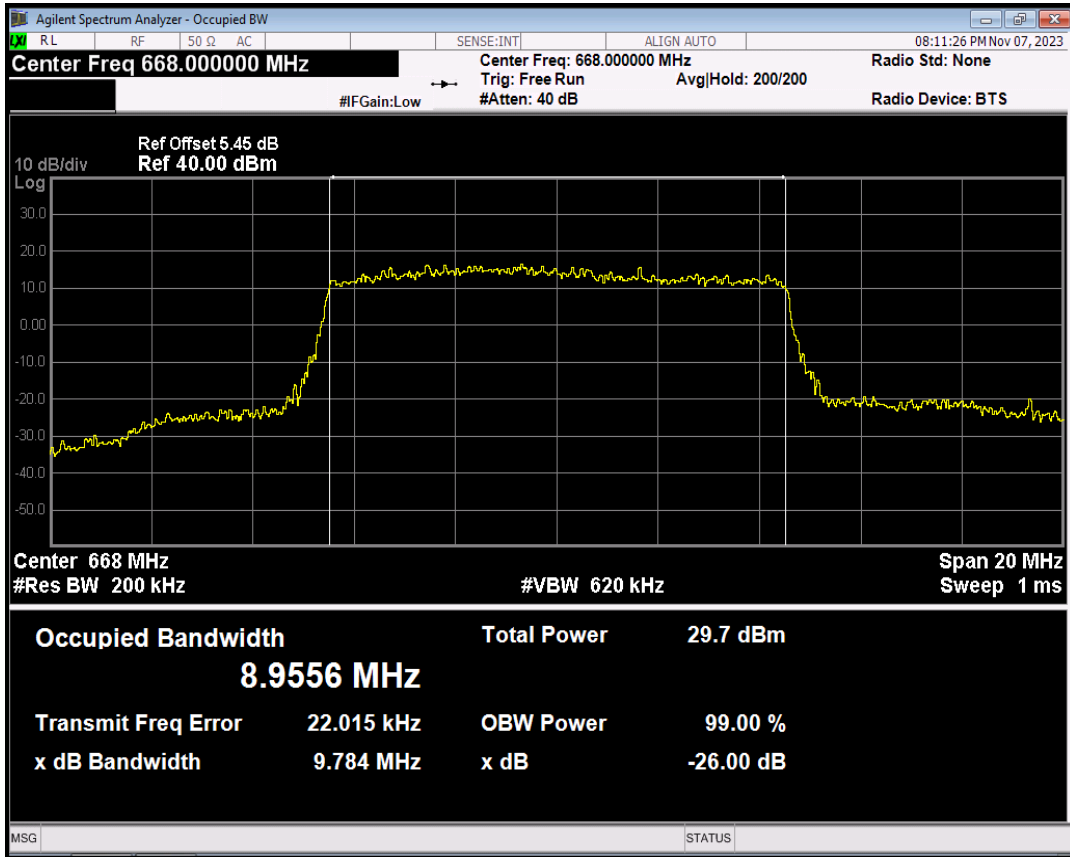
Band71 QPSK BW=5MHz Channel=133447 RB Size=25 Position=#0



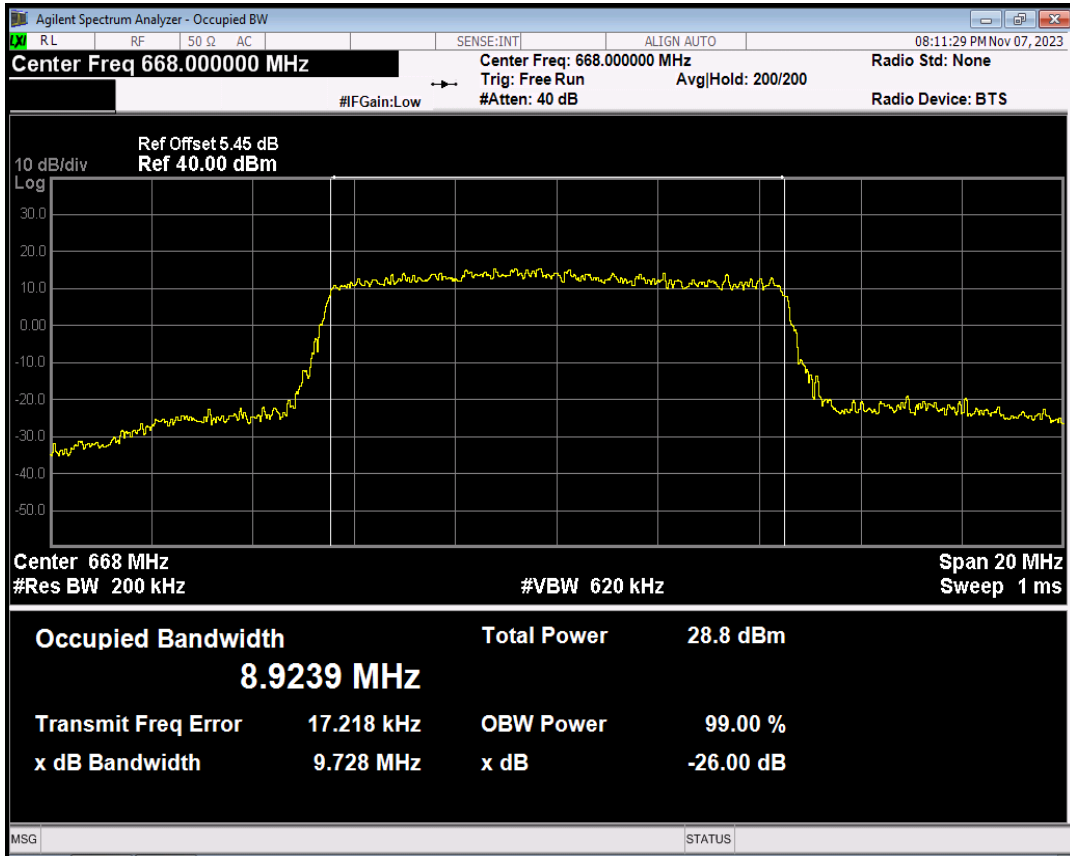
Band71 16QAM BW=5MHz Channel=133447 RB Size=25 Position=#0



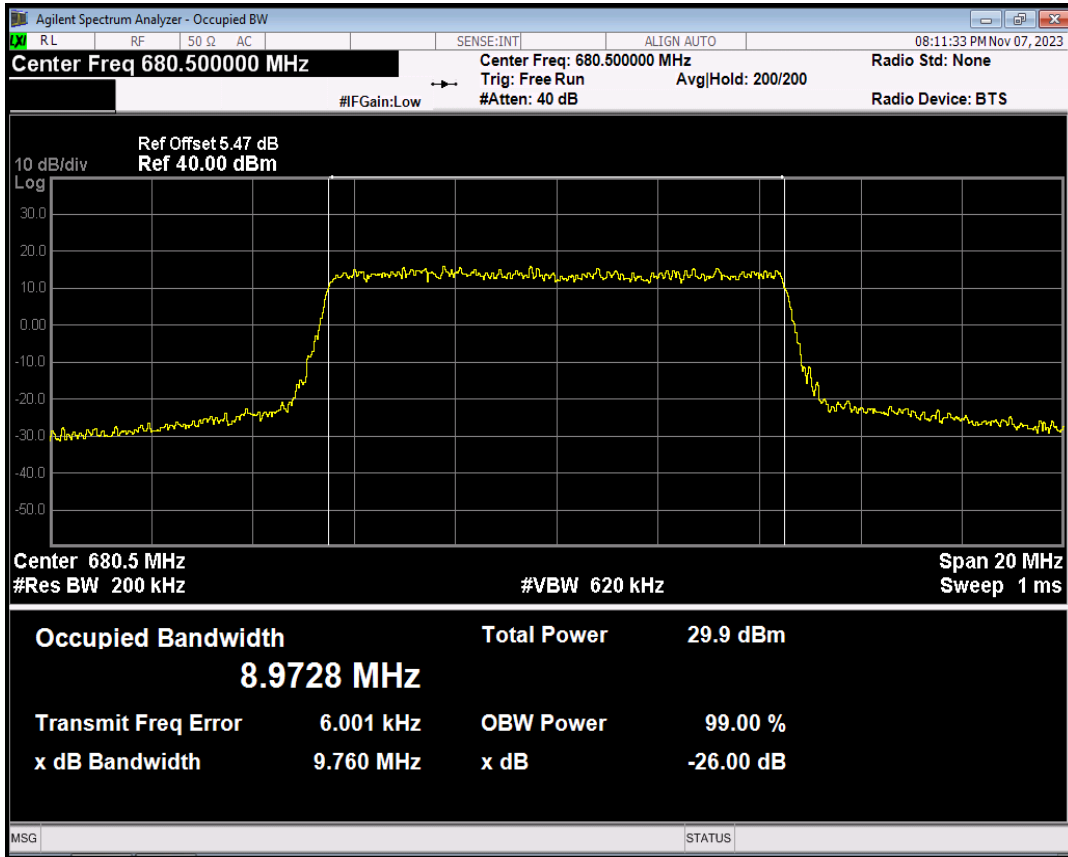
Band71 QPSK BW=10MHz Channel=133172 RB Size=50 Position=#0



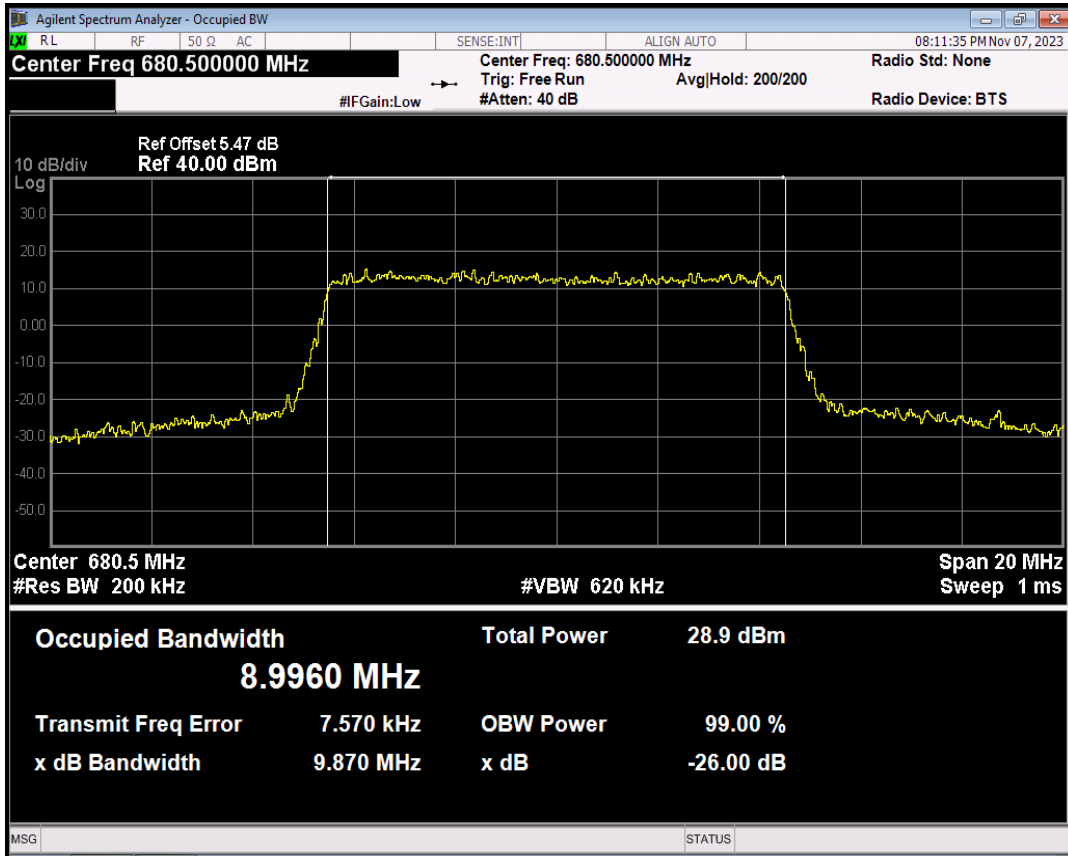
Band71 16QAM BW=10MHz Channel=133172 RB Size=50 Position=#0



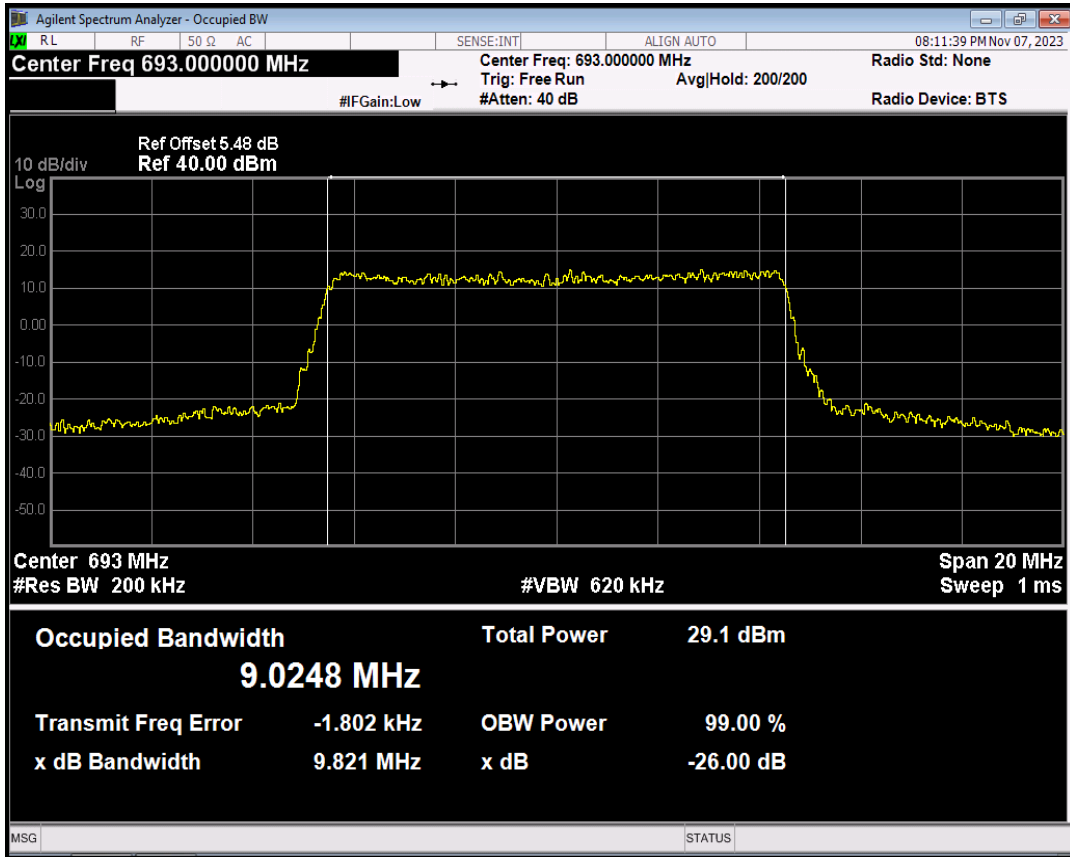
Band71 QPSK BW=10MHz Channel=133297 RB Size=50 Position=#0



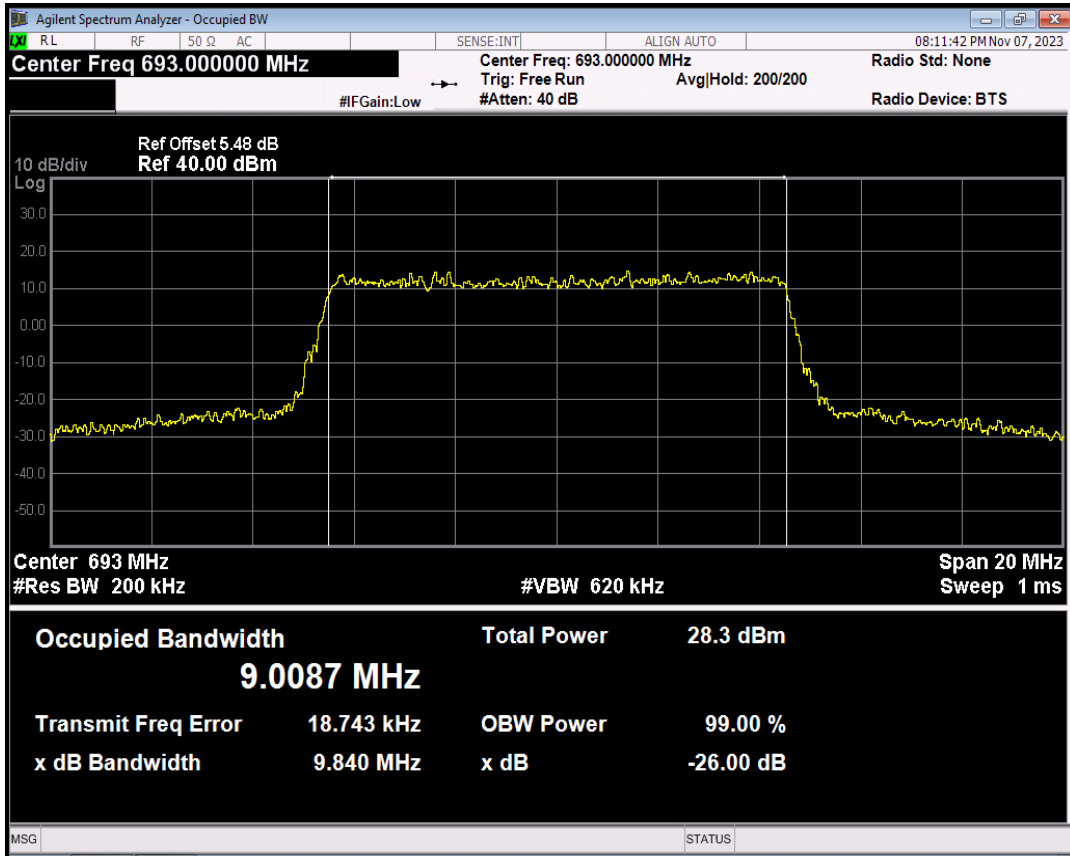
Band71 16QAM BW=10MHz Channel=133297 RB Size=50 Position=#0



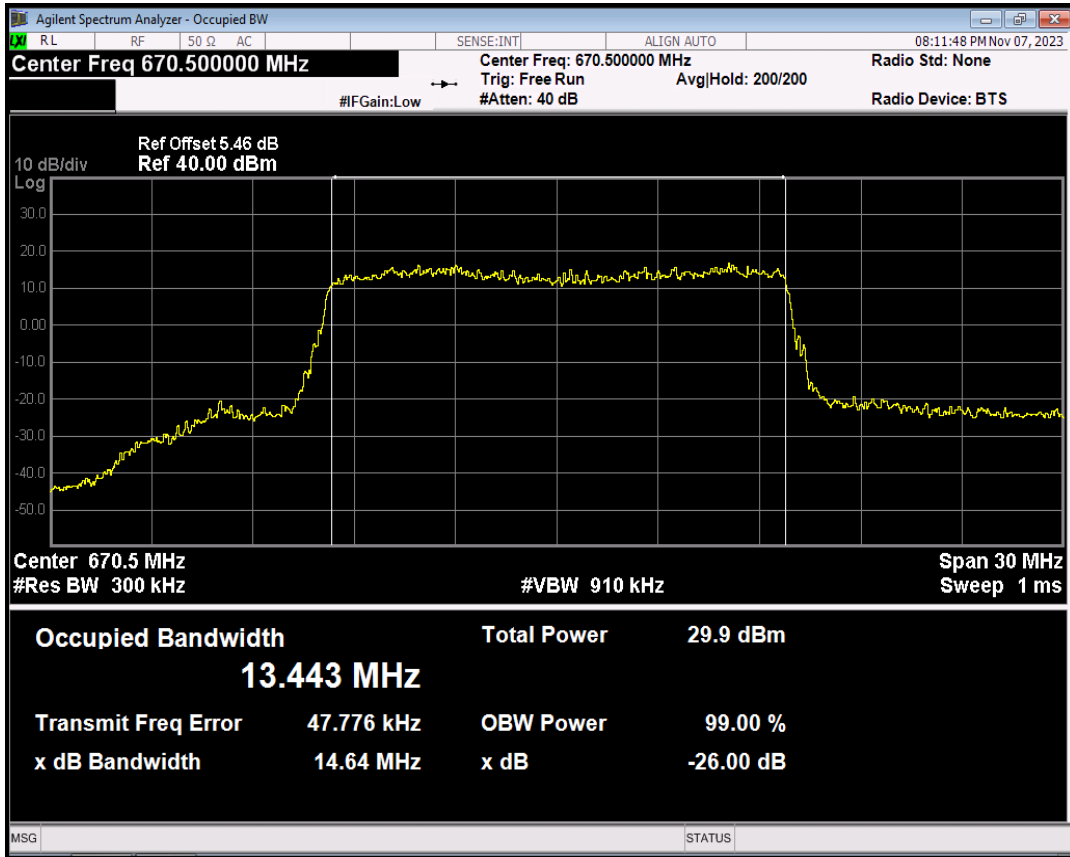
Band71 QPSK BW=10MHz Channel=133422 RB Size=50 Position=#0



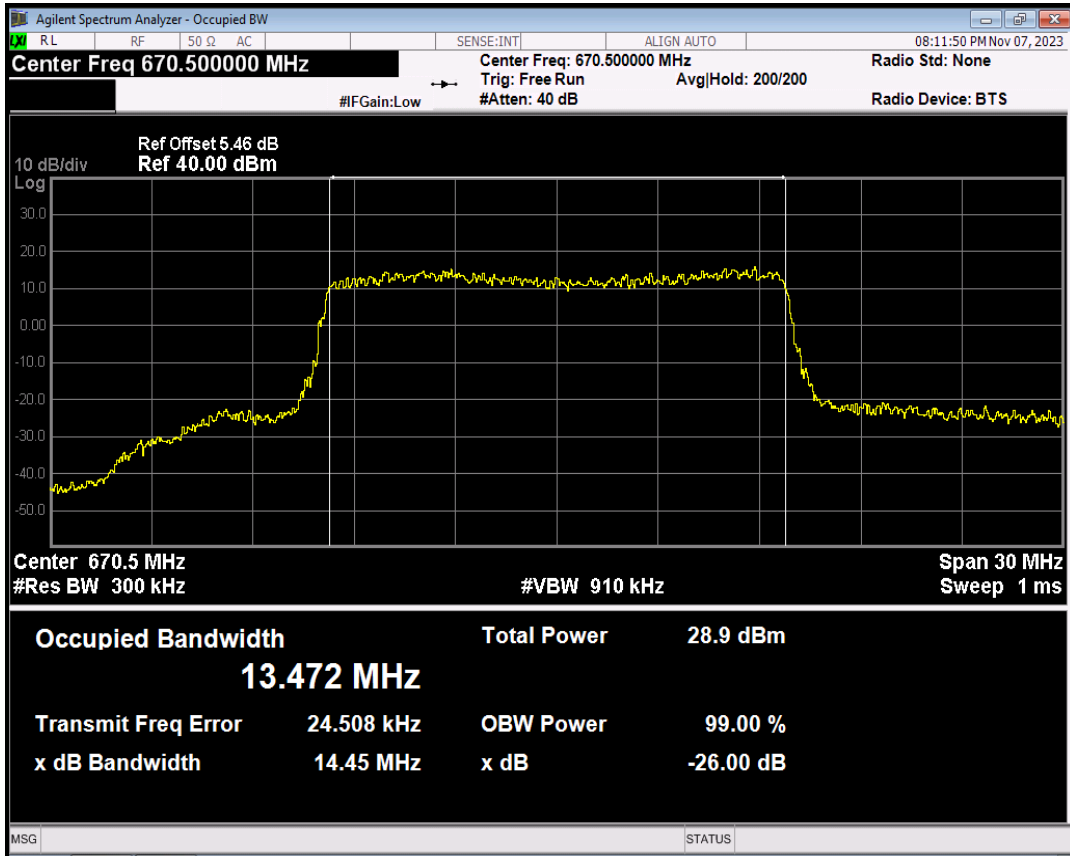
Band71 16QAM BW=10MHz Channel=133422 RB Size=50 Position=#0



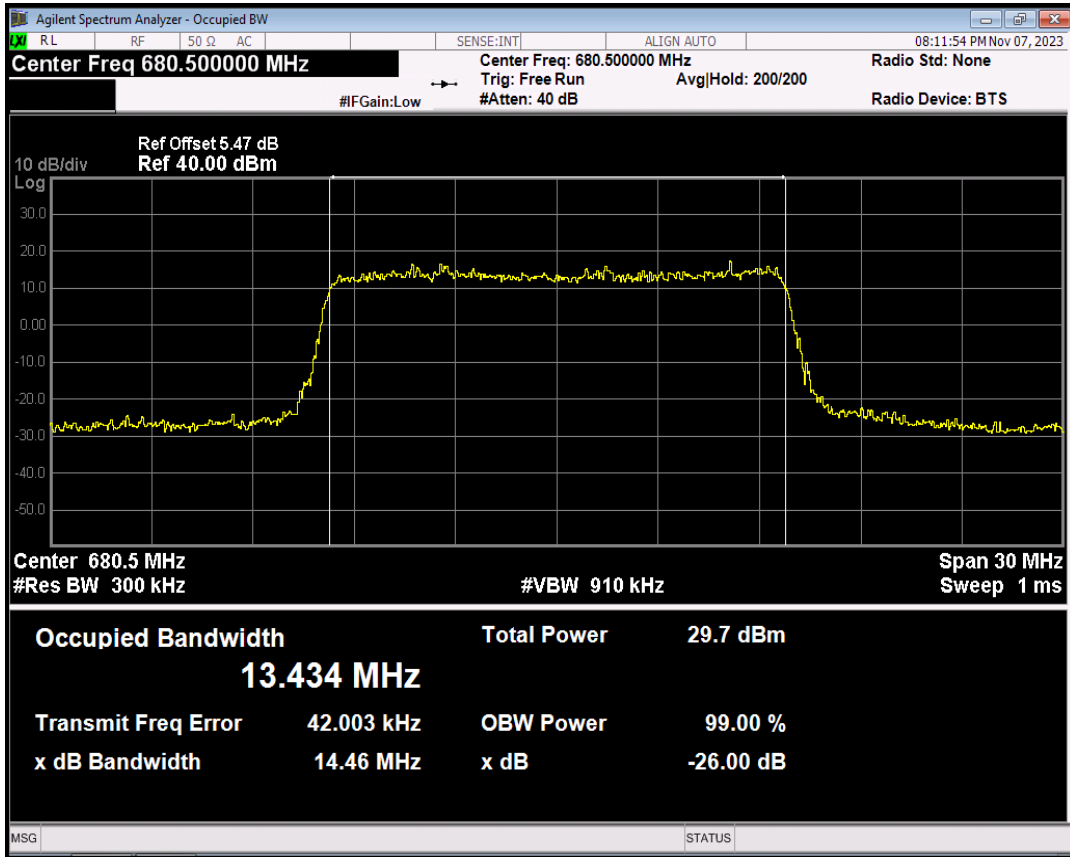
Band71 QPSK BW=15MHz Channel=133197 RB Size=75 Position=#0



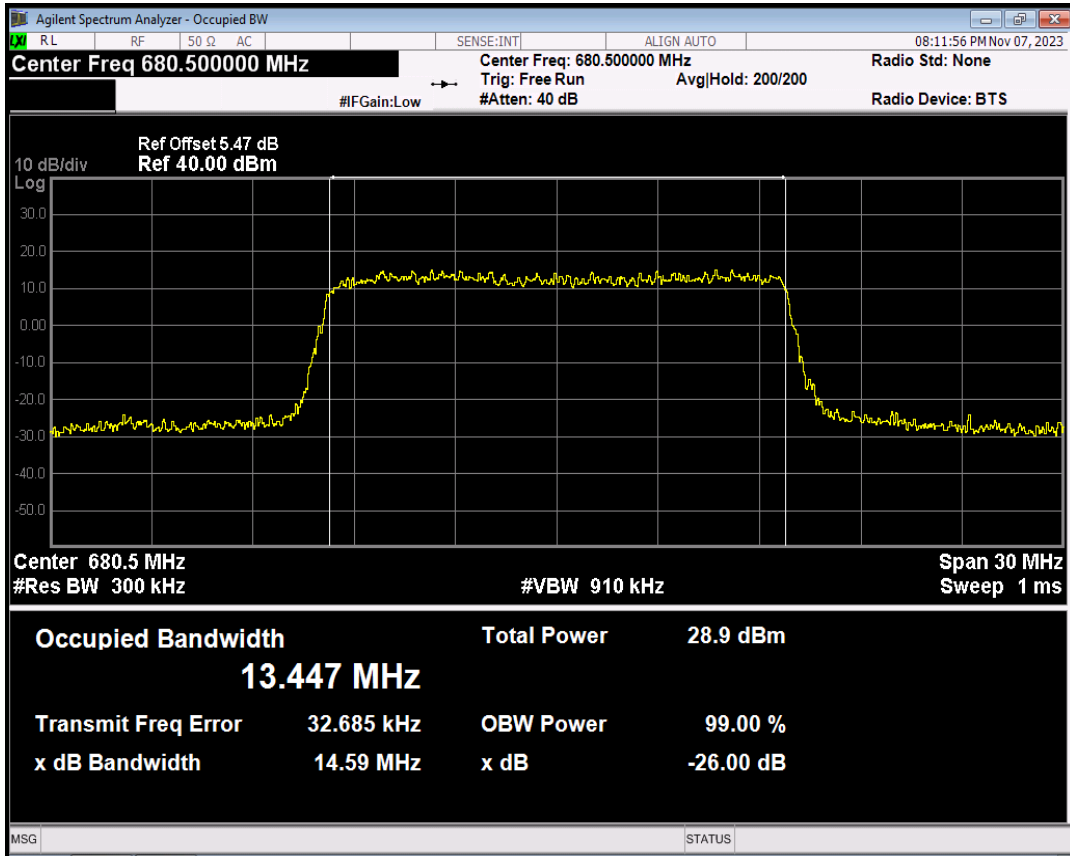
Band71 16QAM BW=15MHz Channel=133197 RB Size=75 Position=#0



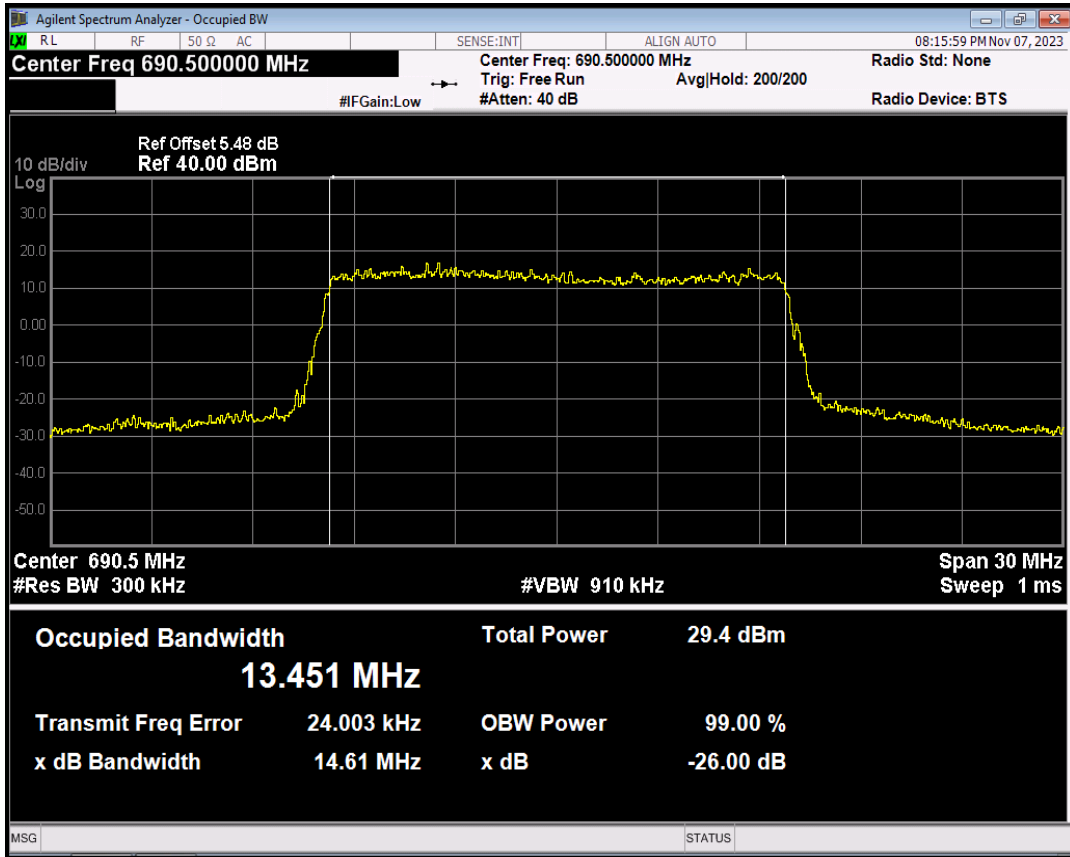
Band71 QPSK BW=15MHz Channel=133297 RB Size=75 Position=#0



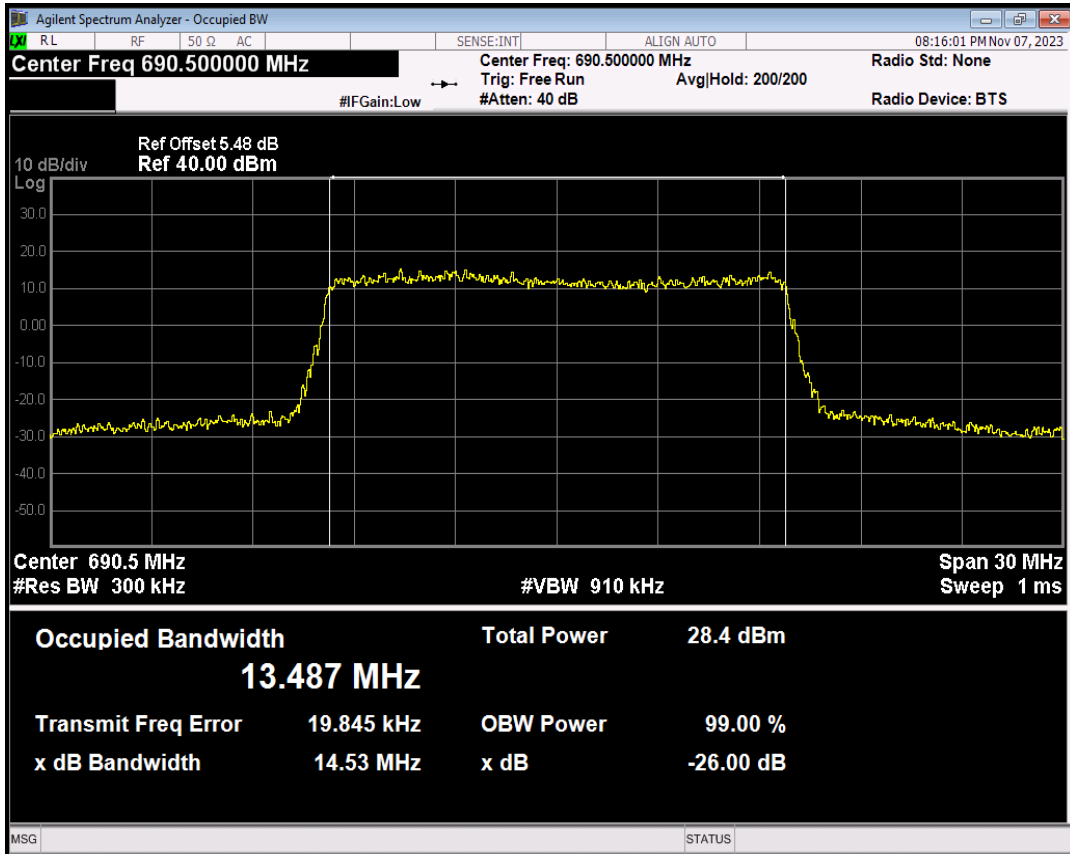
Band71 16QAM BW=15MHz Channel=133297 RB Size=75 Position=#0



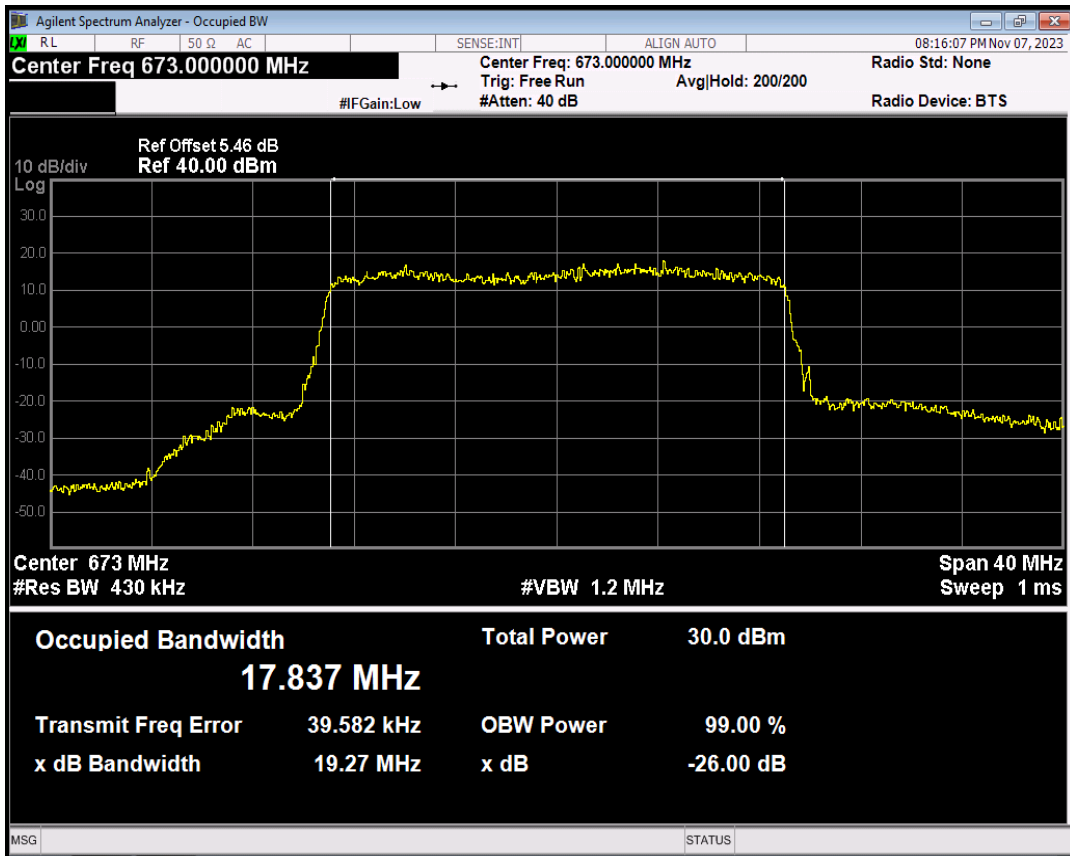
Band71 QPSK BW=15MHz Channel=133397 RB Size=75 Position=#0



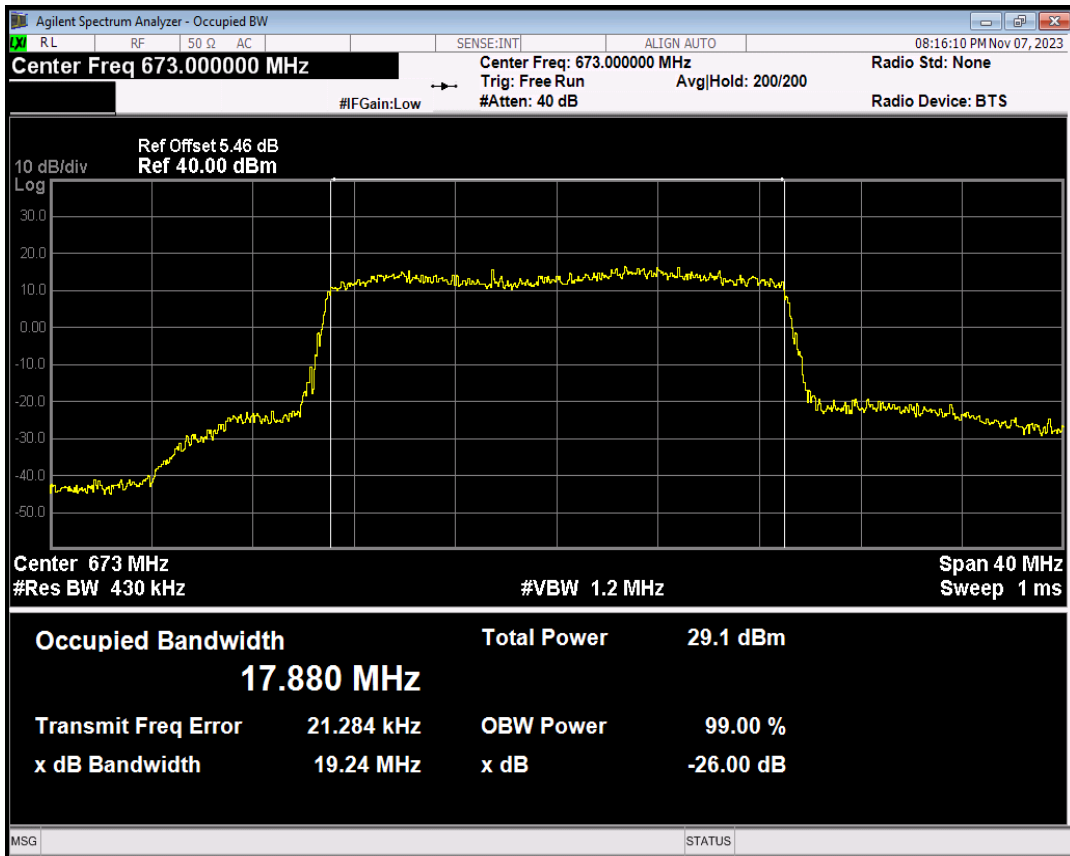
Band71 16QAM BW=15MHz Channel=133397 RB Size=75 Position=#0



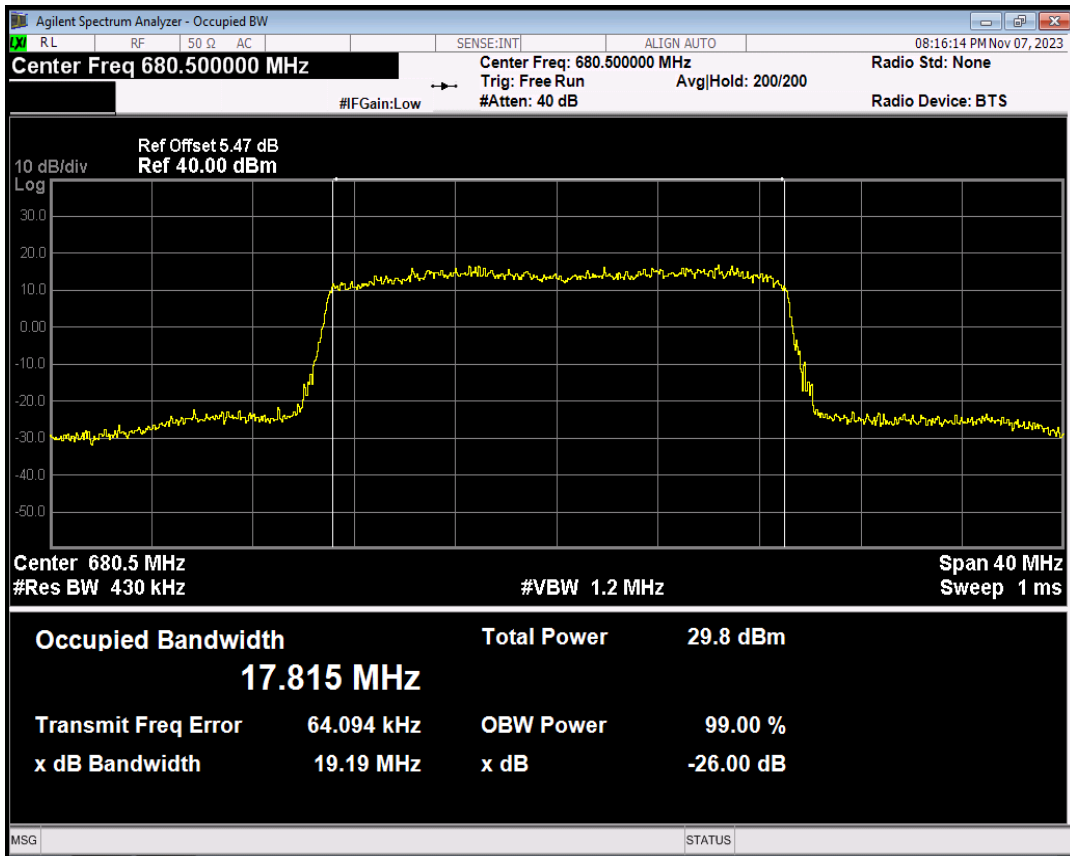
Band71 QPSK BW=20MHz Channel=133222 RB Size=100 Position=#0



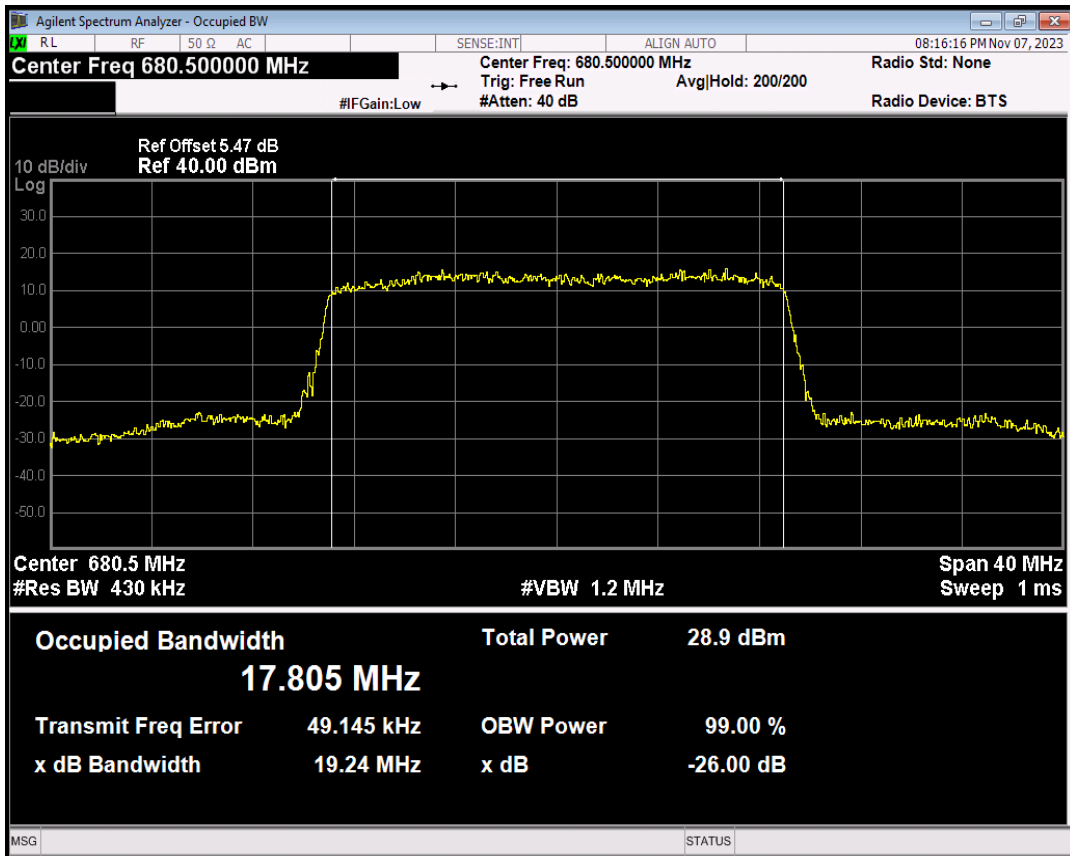
Band71 16QAM BW=20MHz Channel=133222 RB Size=100 Position=#0



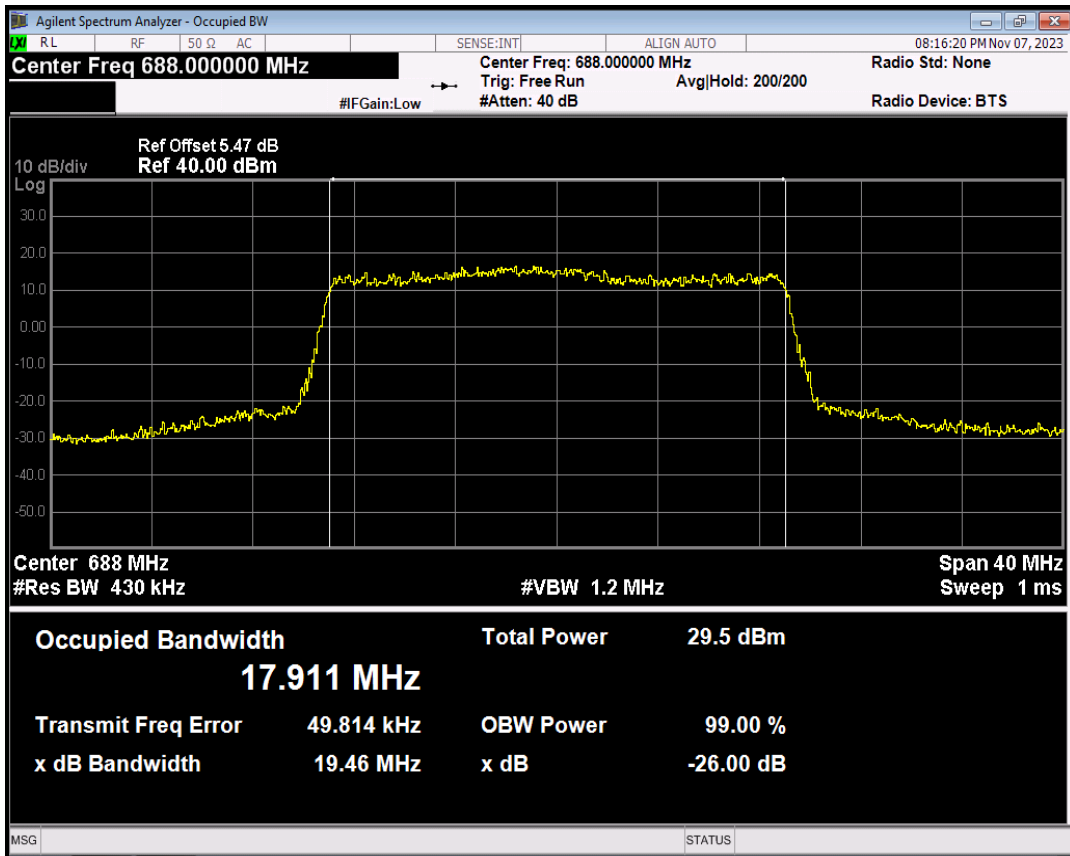
Band71 QPSK BW=20MHz Channel=133297 RB Size=100 Position=#0



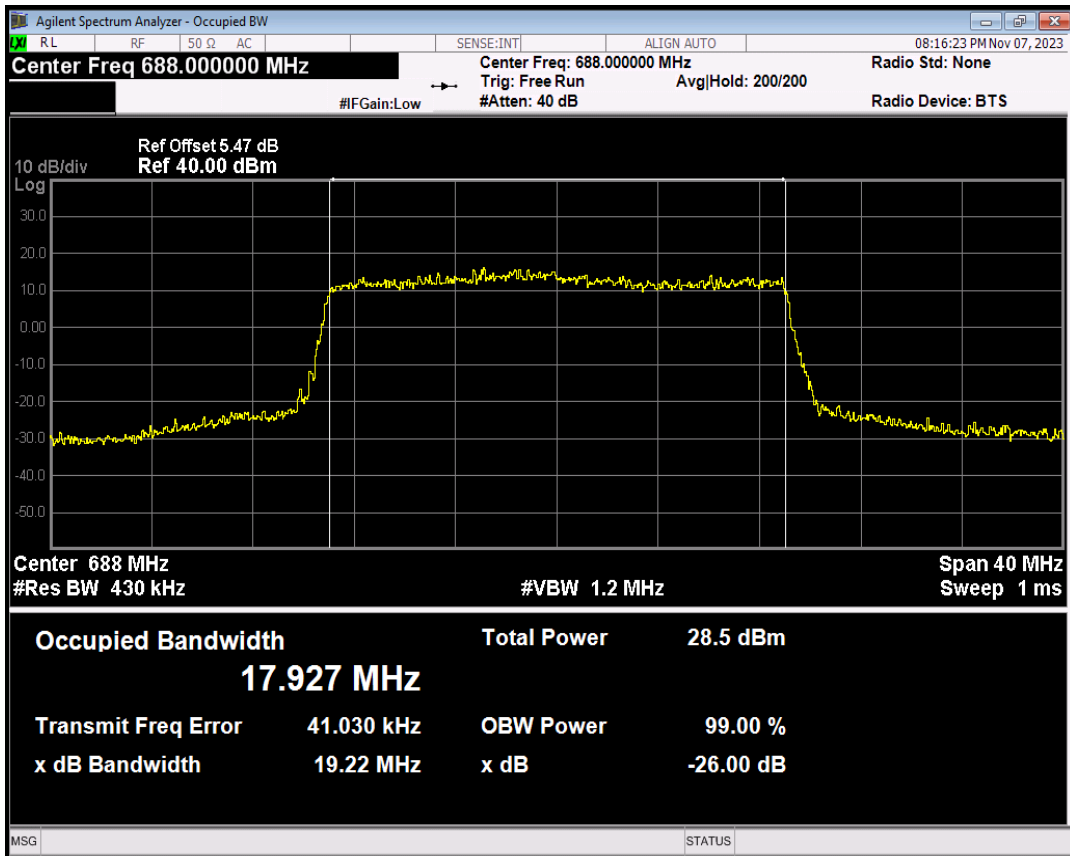
Band71 16QAM BW=20MHz Channel=133297 RB Size=100 Position=#0



Band71 QPSK BW=20MHz Channel=133372 RB Size=100 Position=#0

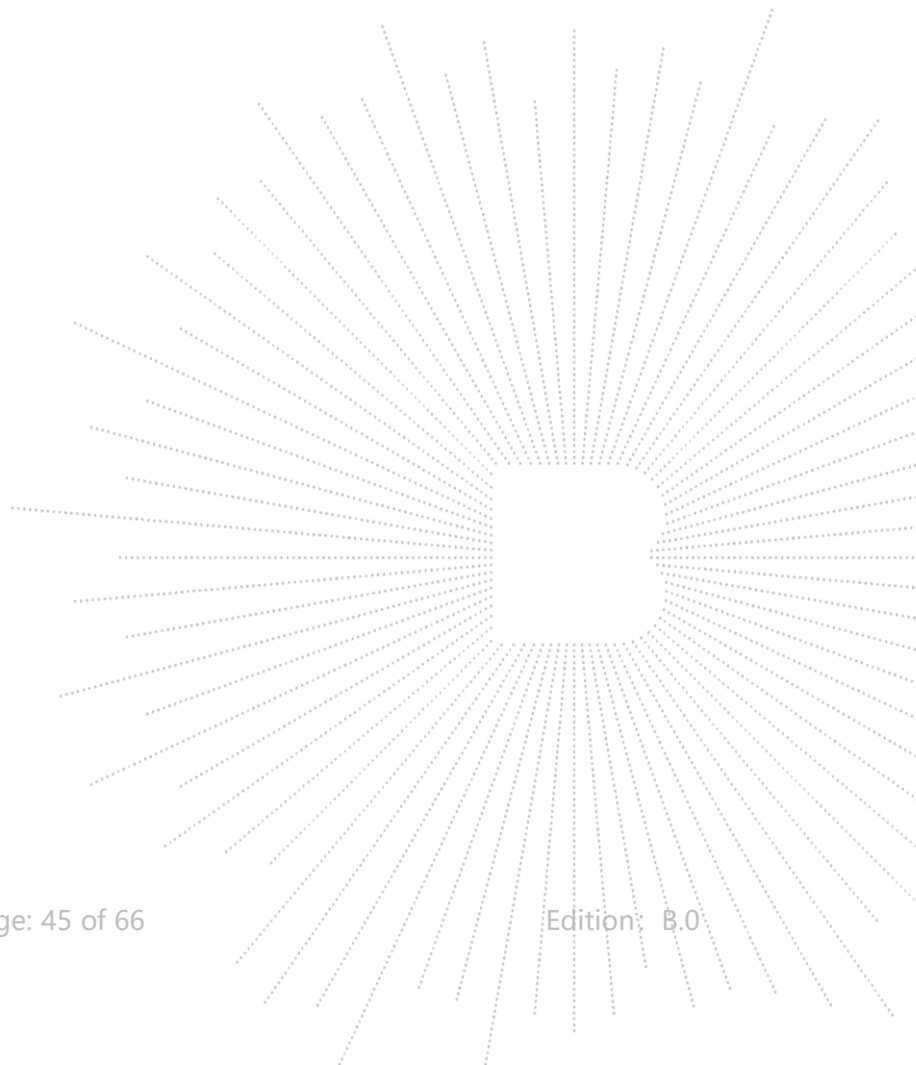


Band71 16QAM BW=20MHz Channel=133372 RB Size=100 Position=#0

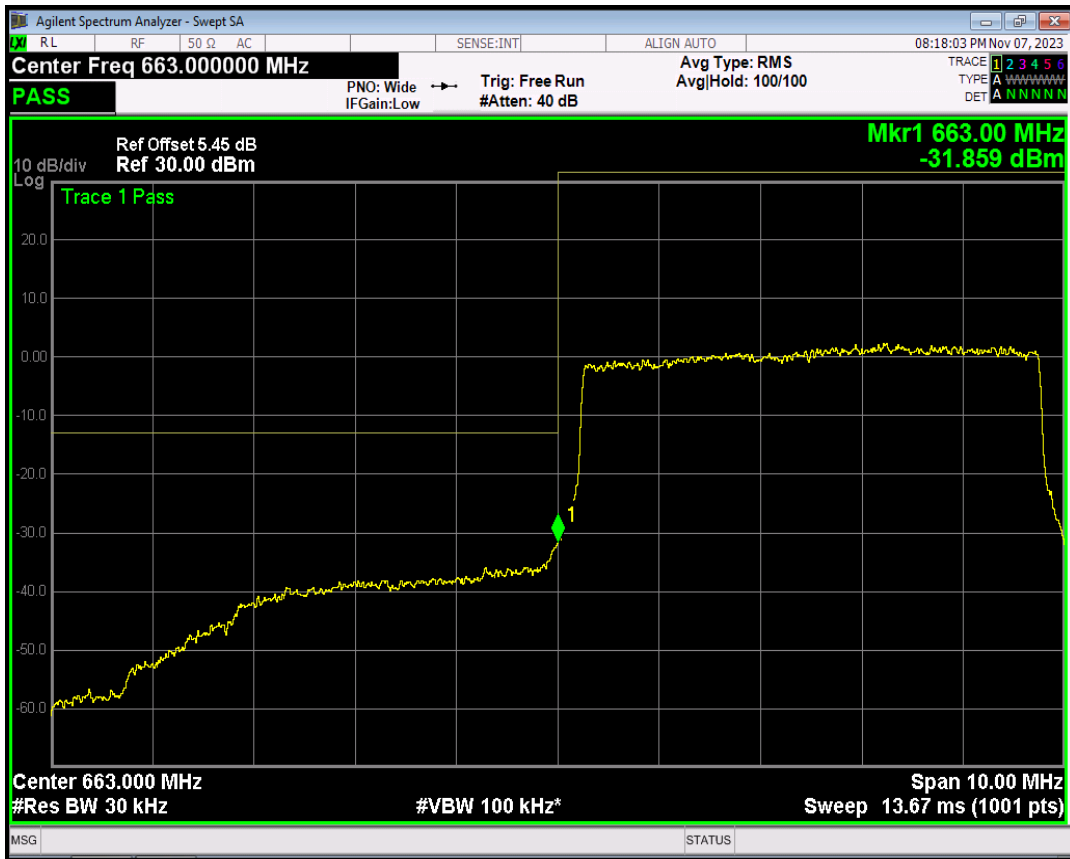


Appendix 5. Band edge

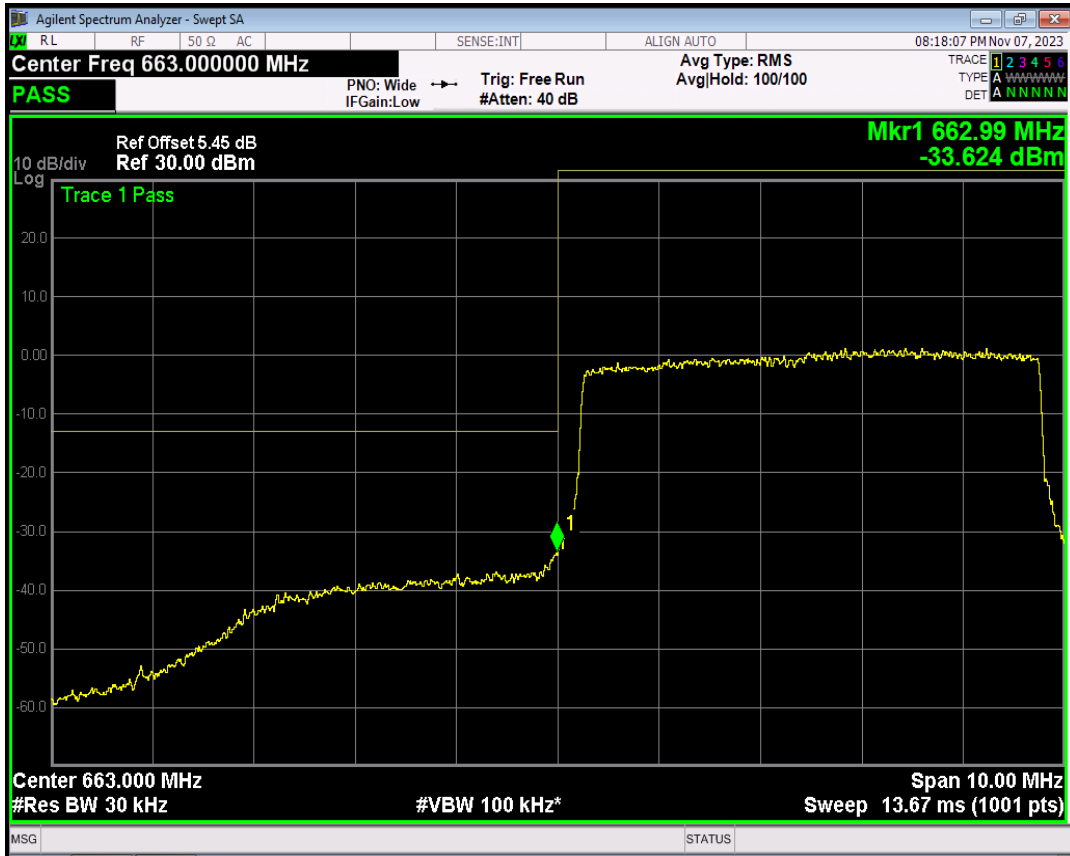
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band71	5	133147	25	#0	QPSK	663.00	-31.85	-13	PASS
Band71	5	133147	25	#0	16QAM	662.99	-33.62	-13	PASS
Band71	5	133447	25	#0	QPSK	698.01	-31.42	-13	PASS
Band71	5	133447	25	#0	16QAM	698.02	-32.32	-13	PASS
Band71	10	133172	50	#0	QPSK	662.98	-35.50	-13	PASS
Band71	10	133172	50	#0	16QAM	663.00	-37.35	-13	PASS
Band71	10	133422	50	#0	QPSK	698.00	-34.65	-13	PASS
Band71	10	133422	50	#0	16QAM	698.02	-36.45	-13	PASS
Band71	15	133197	75	#0	QPSK	663.00	-38.81	-13	PASS
Band71	15	133197	75	#0	16QAM	663.00	-40.44	-13	PASS
Band71	15	133397	75	#0	QPSK	698.00	-37.51	-13	PASS
Band71	15	133397	75	#0	16QAM	698.03	-39.94	-13	PASS
Band71	20	133222	100	#0	QPSK	663.00	-41.58	-13	PASS
Band71	20	133222	100	#0	16QAM	663.00	-42.64	-13	PASS
Band71	20	133372	100	#0	QPSK	698.00	-39.11	-13	PASS
Band71	20	133372	100	#0	16QAM	698.16	-40.82	-13	PASS



Band71 QPSK BW=5MHz Channel=133147 RB Size=25 Position=#0



Band71 16QAM BW=5MHz Channel=133147 RB Size=25 Position=#0



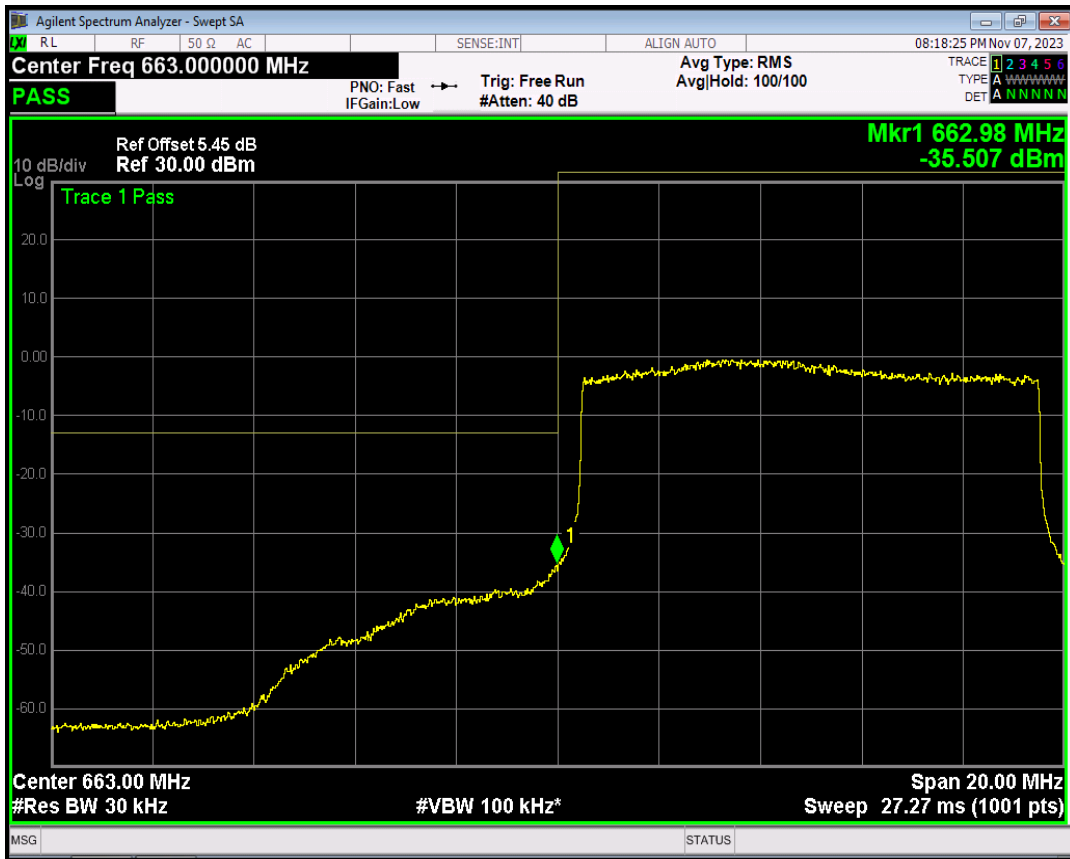
Band71 QPSK BW=5MHz Channel=133447 RB Size=25 Position=#0



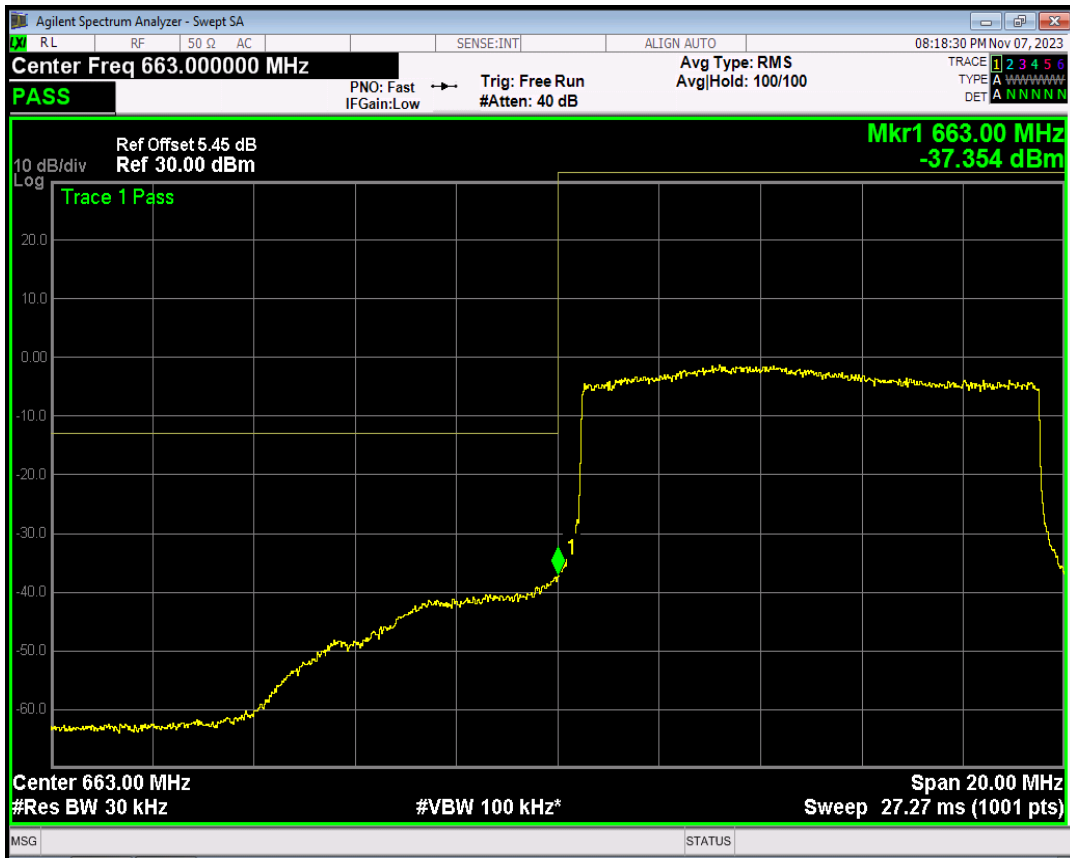
Band71 16QAM BW=5MHz Channel=133447 RB Size=25 Position=#0



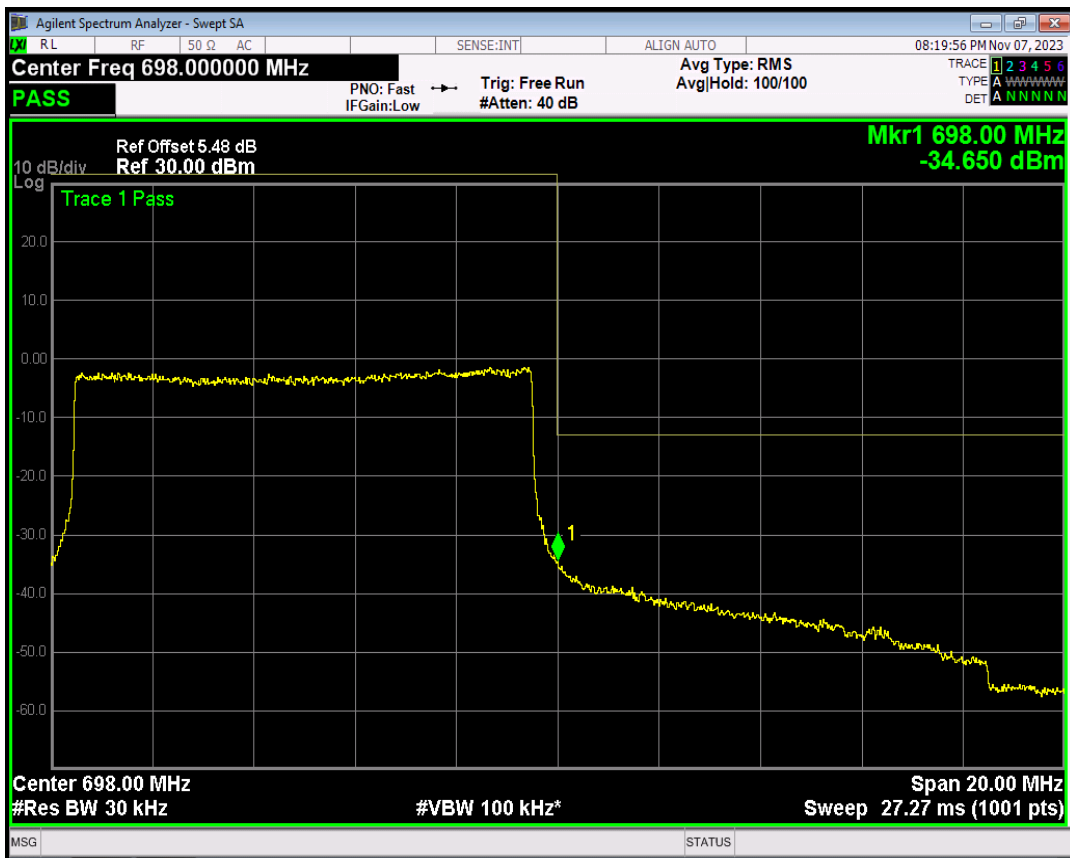
Band71 QPSK BW=10MHz Channel=133172 RB Size=50 Position=#0



Band71 16QAM BW=10MHz Channel=133172 RB Size=50 Position=#0



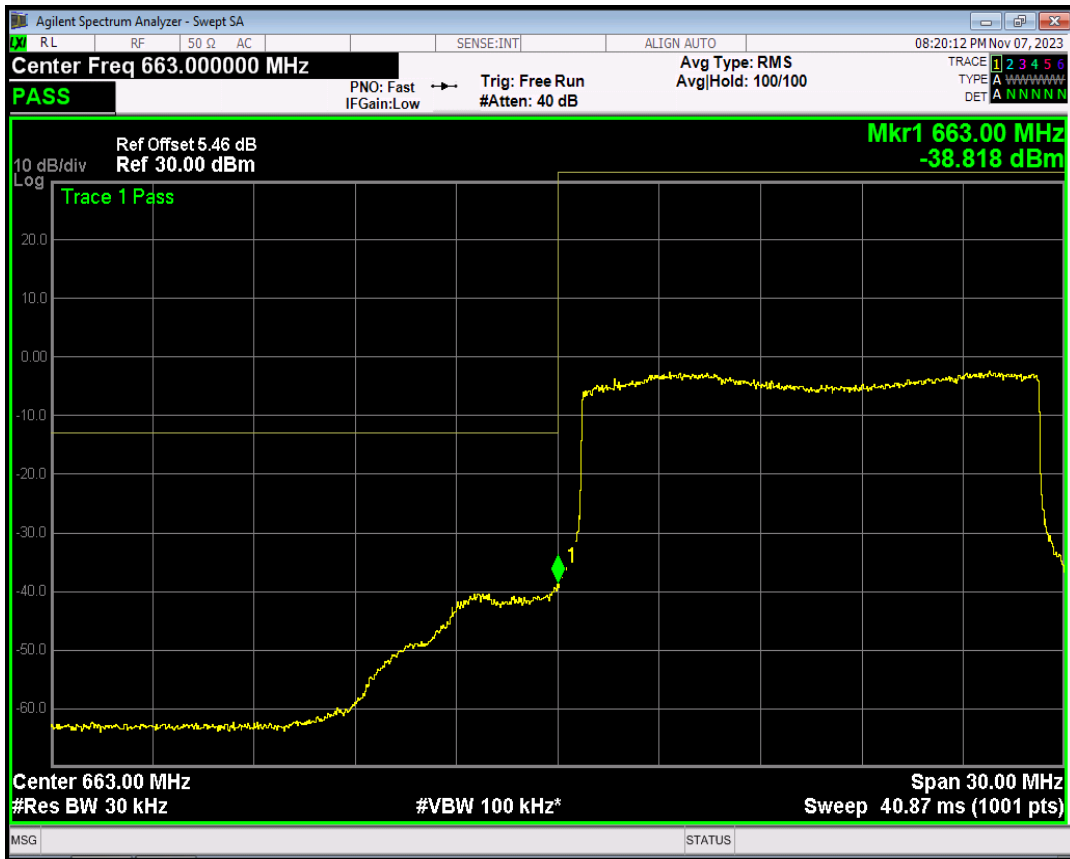
Band71 QPSK BW=10MHz Channel=133422 RB Size=50 Position=#0



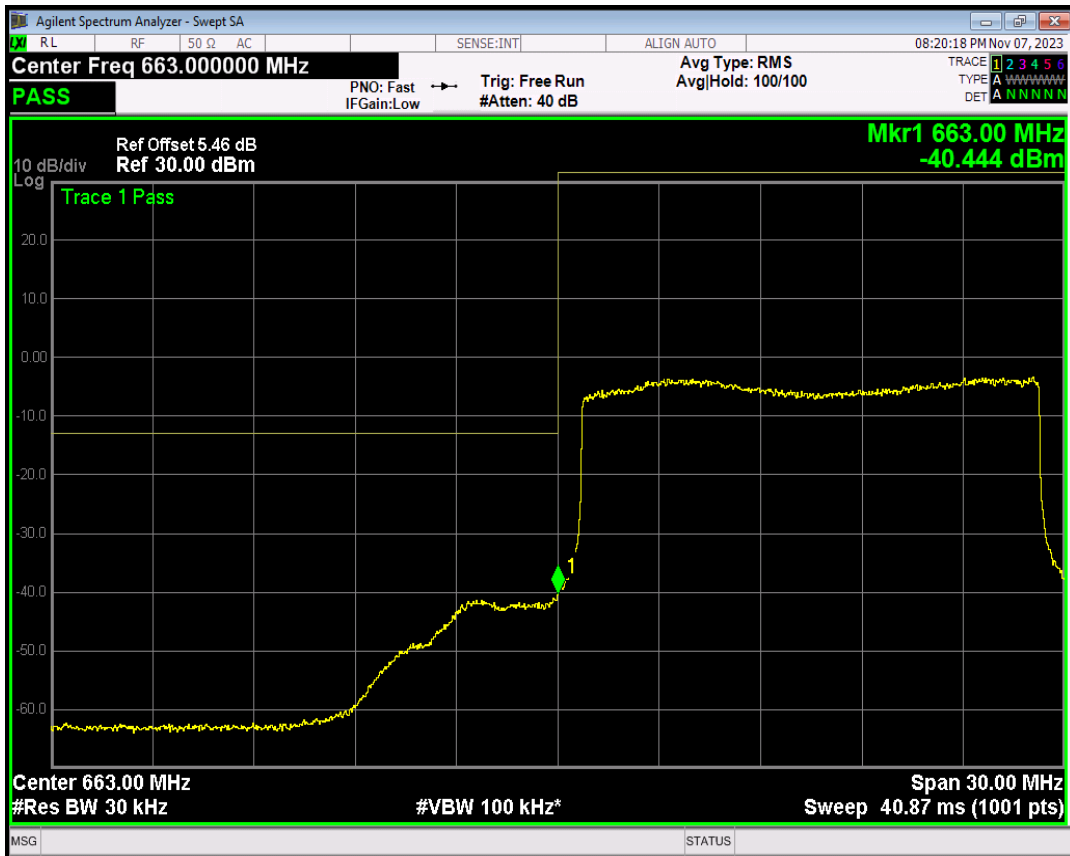
Band71 16QAM BW=10MHz Channel=133422 RB Size=50 Position=#0



Band71 QPSK BW=15MHz Channel=133197 RB Size=75 Position=#0



Band71 16QAM BW=15MHz Channel=133197 RB Size=75 Position=#0



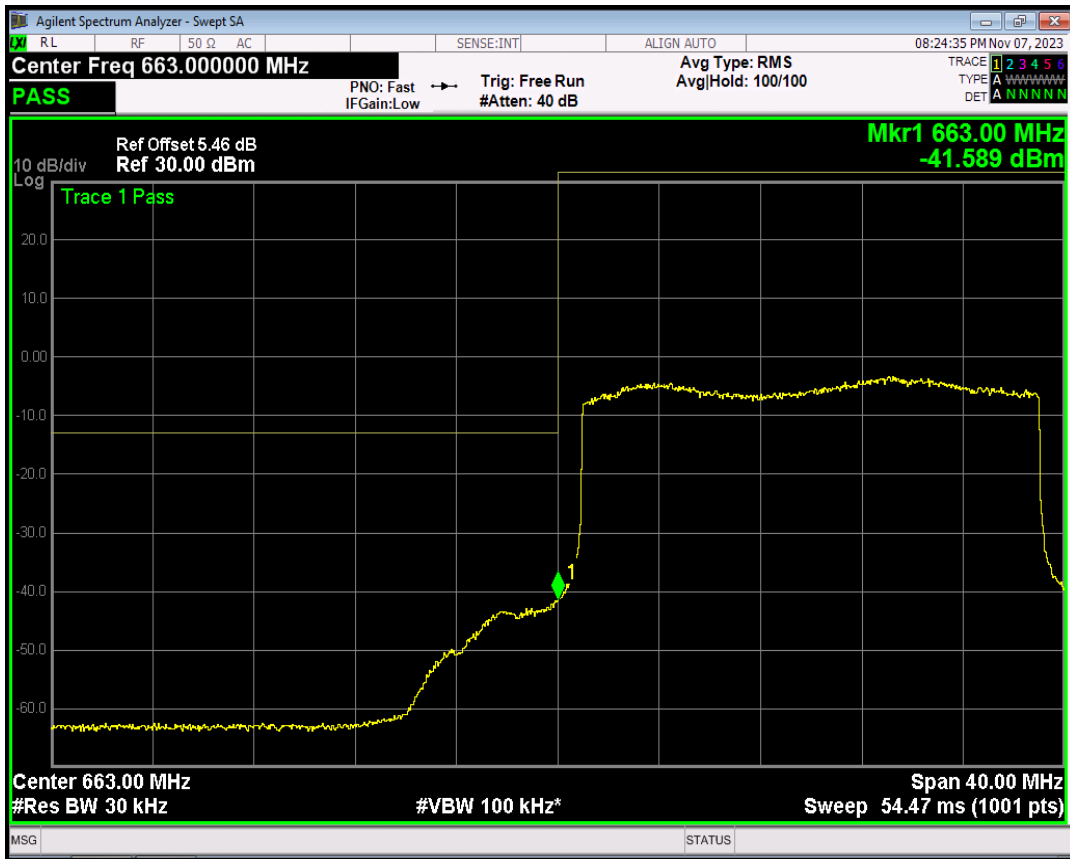
Band71 QPSK BW=15MHz Channel=133397 RB Size=75 Position=#0



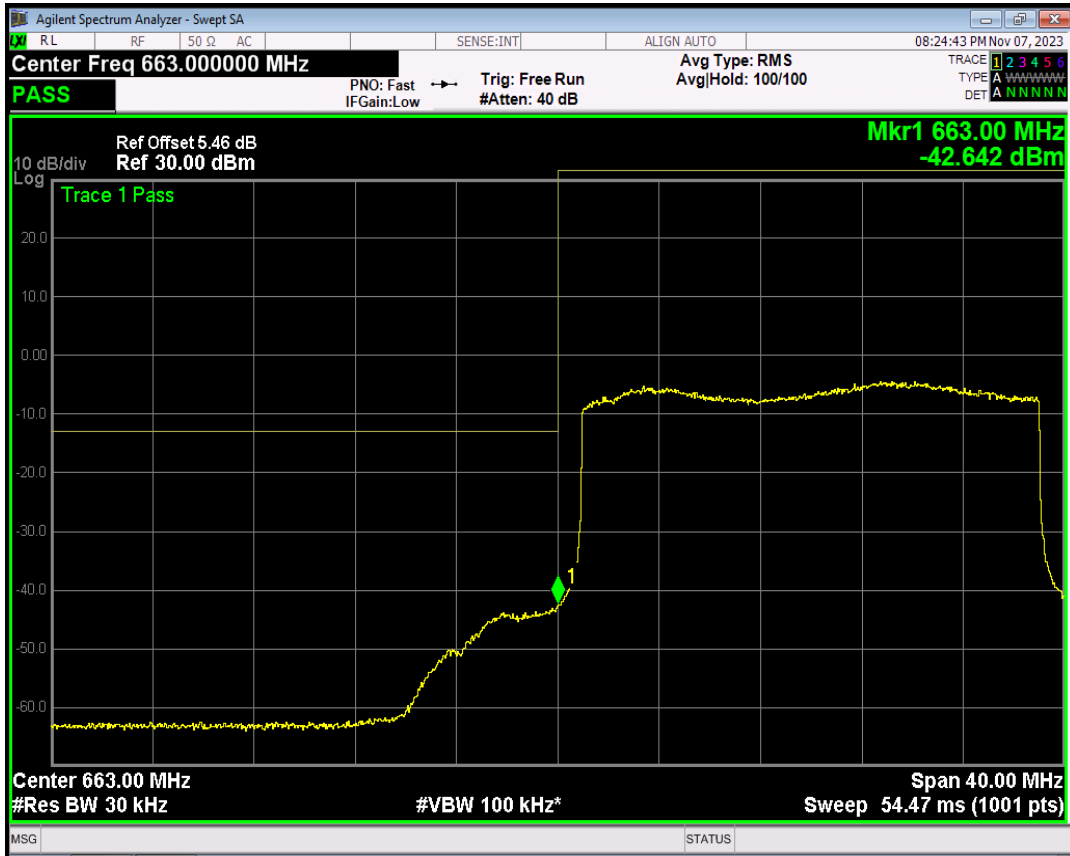
Band71 16QAM BW=15MHz Channel=133397 RB Size=75 Position=#0



Band71 QPSK BW=20MHz Channel=133222 RB Size=100 Position=#0



Band71 16QAM BW=20MHz Channel=133222 RB Size=100 Position=#0



Band71 QPSK BW=20MHz Channel=133372 RB Size=100 Position=#0



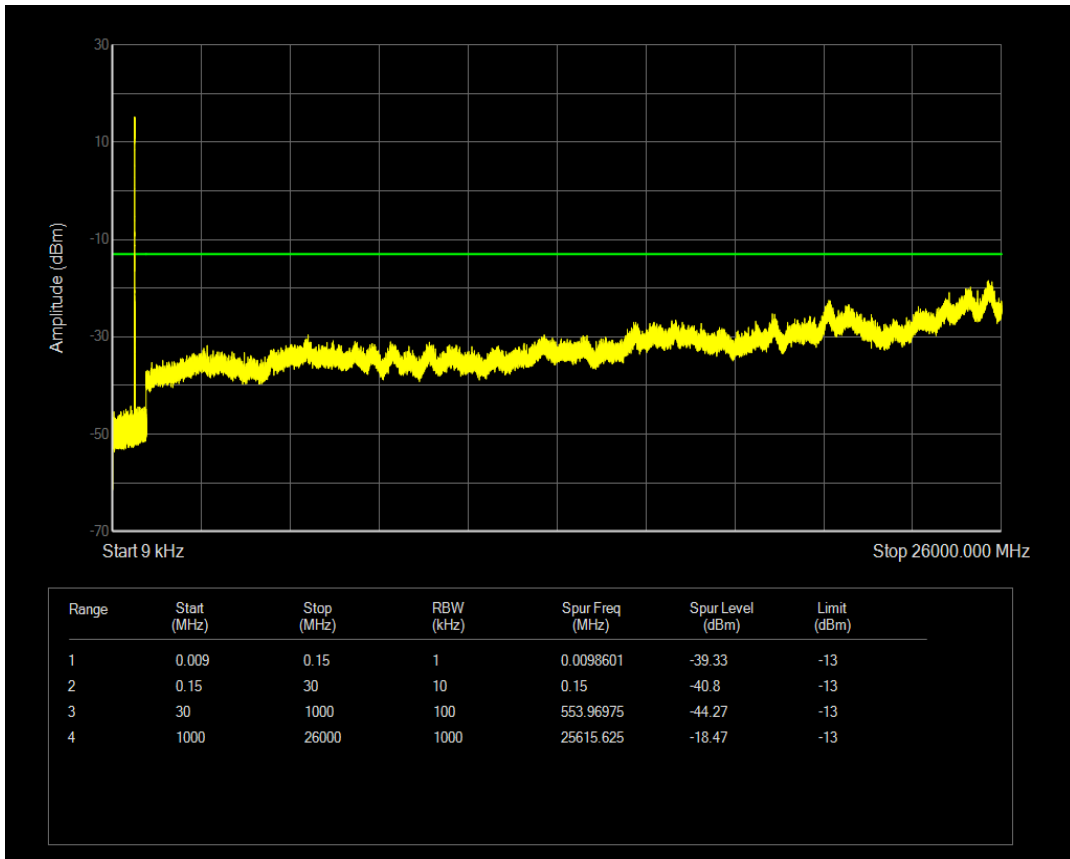
Band71 16QAM BW=20MHz Channel=133372 RB Size=100 Position=#0



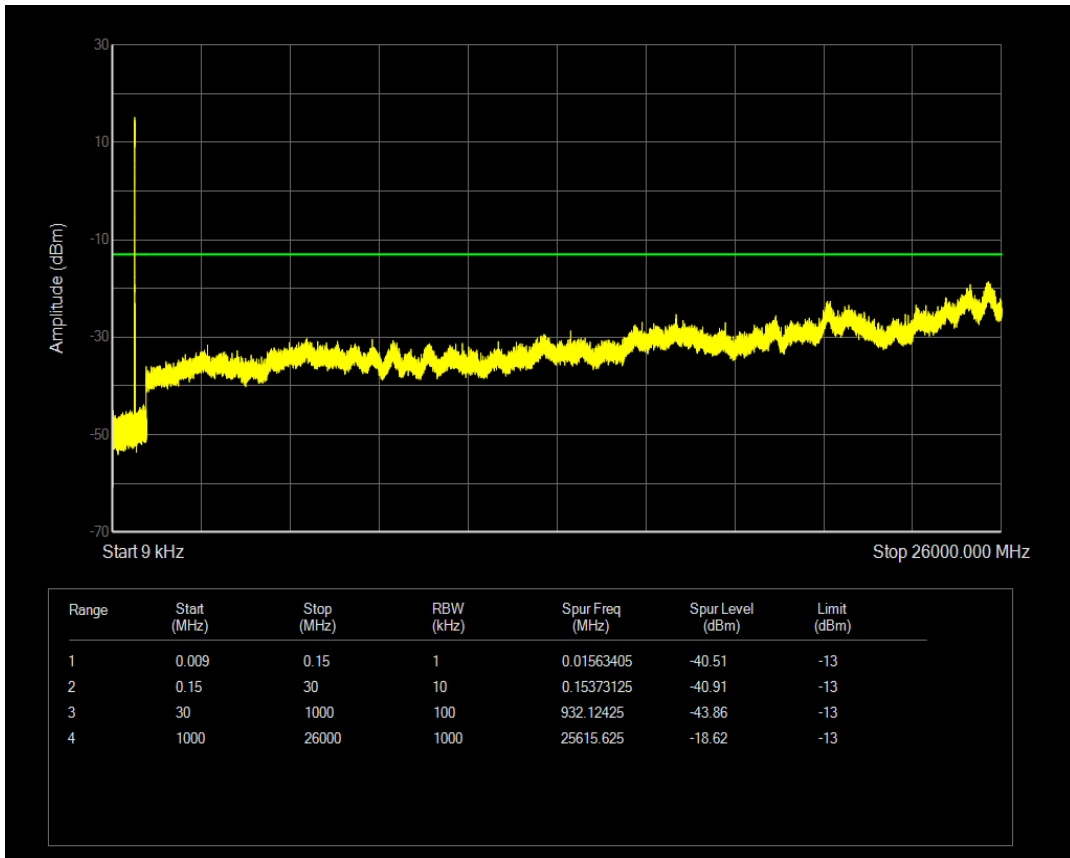
Appendix 6. Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band71	5	133147	25	#0	QPSK	25615.63	-18.47	-13	PASS
Band71	5	133147	25	#0	16QAM	25615.63	-18.62	-13	PASS
Band71	5	133297	25	#0	QPSK	25708.75	-17.44	-13	PASS
Band71	5	133297	25	#0	16QAM	25682.5	-18.31	-13	PASS
Band71	5	133447	25	#0	QPSK	25563.13	-18.93	-13	PASS
Band71	5	133447	25	#0	16QAM	25631.88	-18.44	-13	PASS
Band71	10	133172	50	#0	QPSK	25649.38	-17.73	-13	PASS
Band71	10	133172	50	#0	16QAM	25618.13	-18.82	-13	PASS
Band71	10	133297	50	#0	QPSK	25598.13	-18.72	-13	PASS
Band71	10	133297	50	#0	16QAM	25626.25	-18.05	-13	PASS
Band71	10	133422	50	#0	QPSK	25610	-17.62	-13	PASS
Band71	10	133422	50	#0	16QAM	25700.63	-18.82	-13	PASS
Band71	15	133197	75	#0	QPSK	24991.88	-18.39	-13	PASS
Band71	15	133197	75	#0	16QAM	25673.75	-18	-13	PASS
Band71	15	133297	75	#0	QPSK	25613.13	-17.98	-13	PASS
Band71	15	133297	75	#0	16QAM	25648.75	-17.54	-13	PASS
Band71	15	133397	75	#0	QPSK	25653.13	-18.32	-13	PASS
Band71	15	133397	75	#0	16QAM	25716.88	-18.54	-13	PASS
Band71	20	133222	100	#0	QPSK	25076.88	-17.98	-13	PASS
Band71	20	133222	100	#0	16QAM	25666.88	-18.42	-13	PASS
Band71	20	133297	100	#0	QPSK	25608.75	-17	-13	PASS
Band71	20	133297	100	#0	16QAM	25631.25	-18.23	-13	PASS
Band71	20	133372	100	#0	QPSK	25625.63	-18.62	-13	PASS
Band71	20	133372	100	#0	16QAM	25731.25	-18.25	-13	PASS

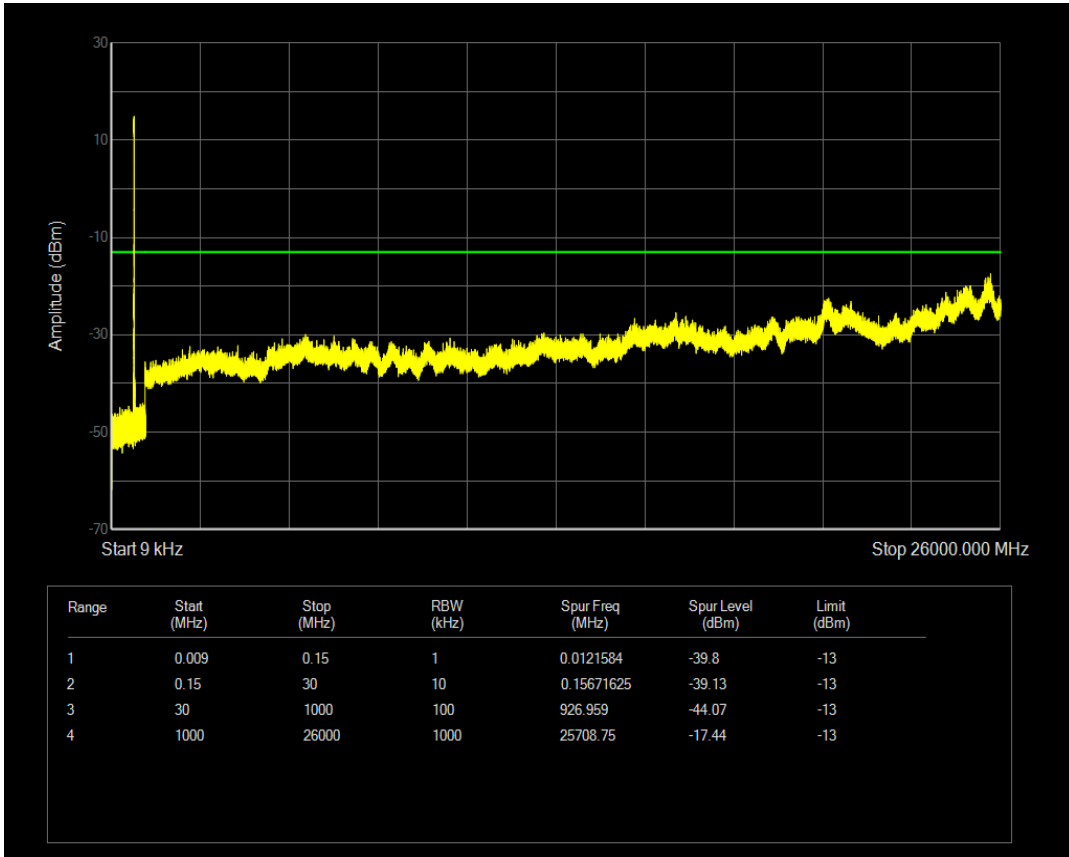
Band71 QPSK BW=5MHz Channel=133147 RB Size=25 Position=#0



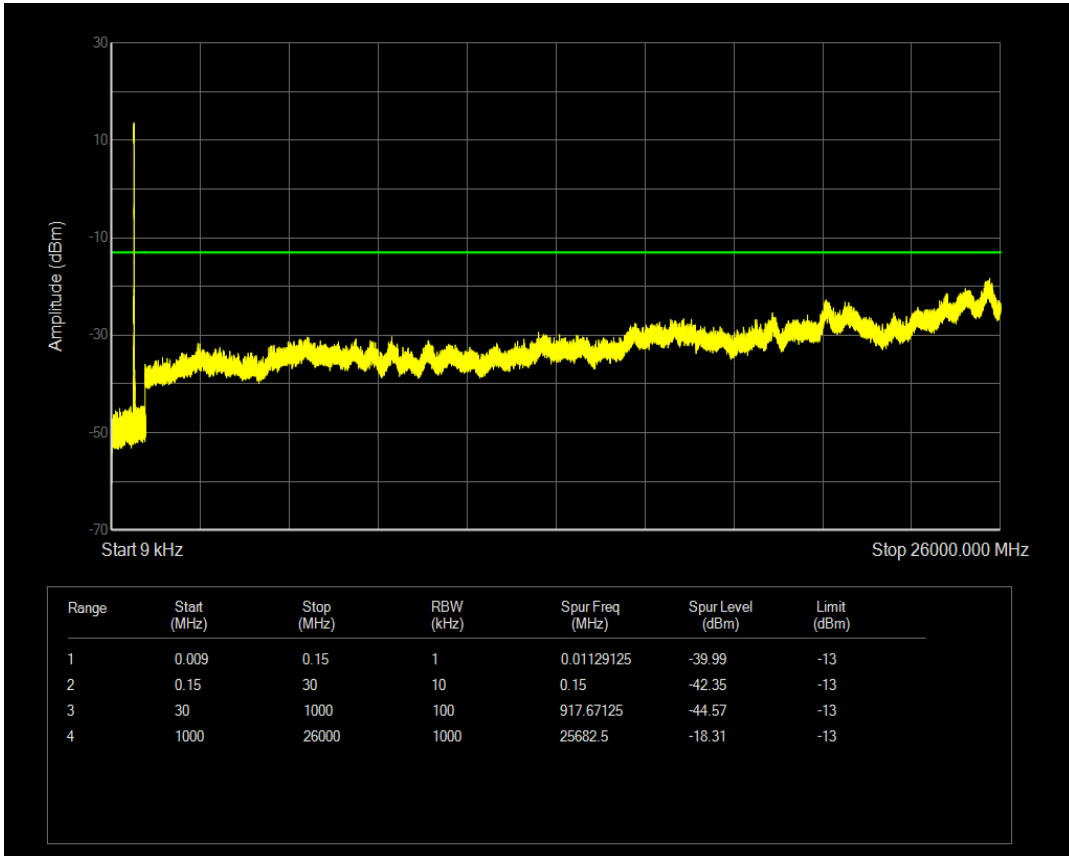
Band71 16QAM BW=5MHz Channel=133147 RB Size=25 Position=#0



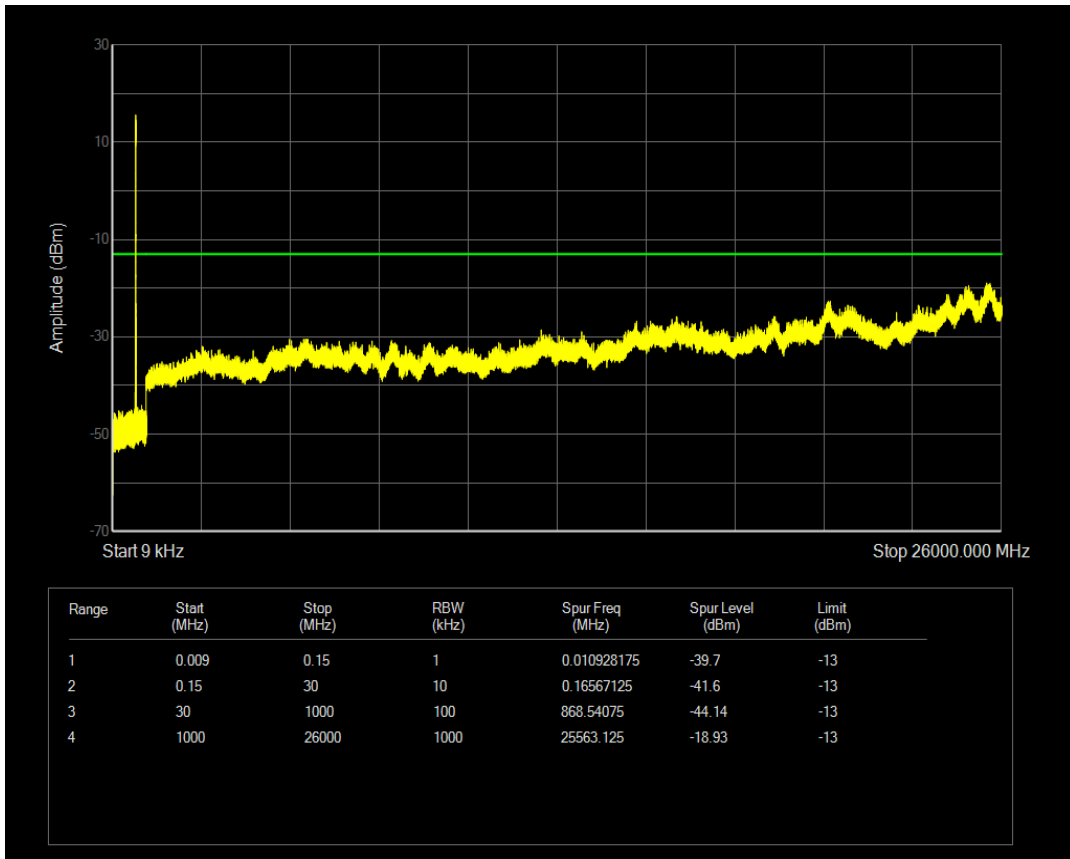
Band71 QPSK BW=5MHz Channel=133297 RB Size=25 Position=#0



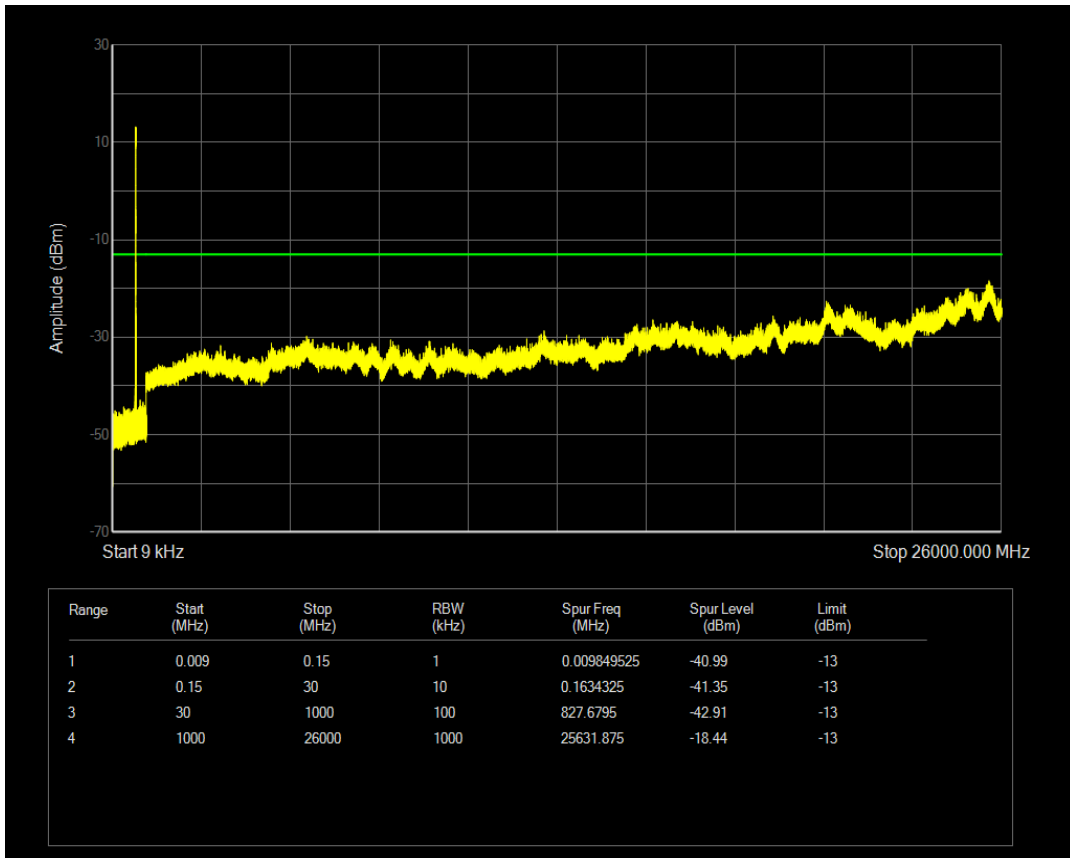
Band71 16QAM BW=5MHz Channel=133297 RB Size=25 Position=#0



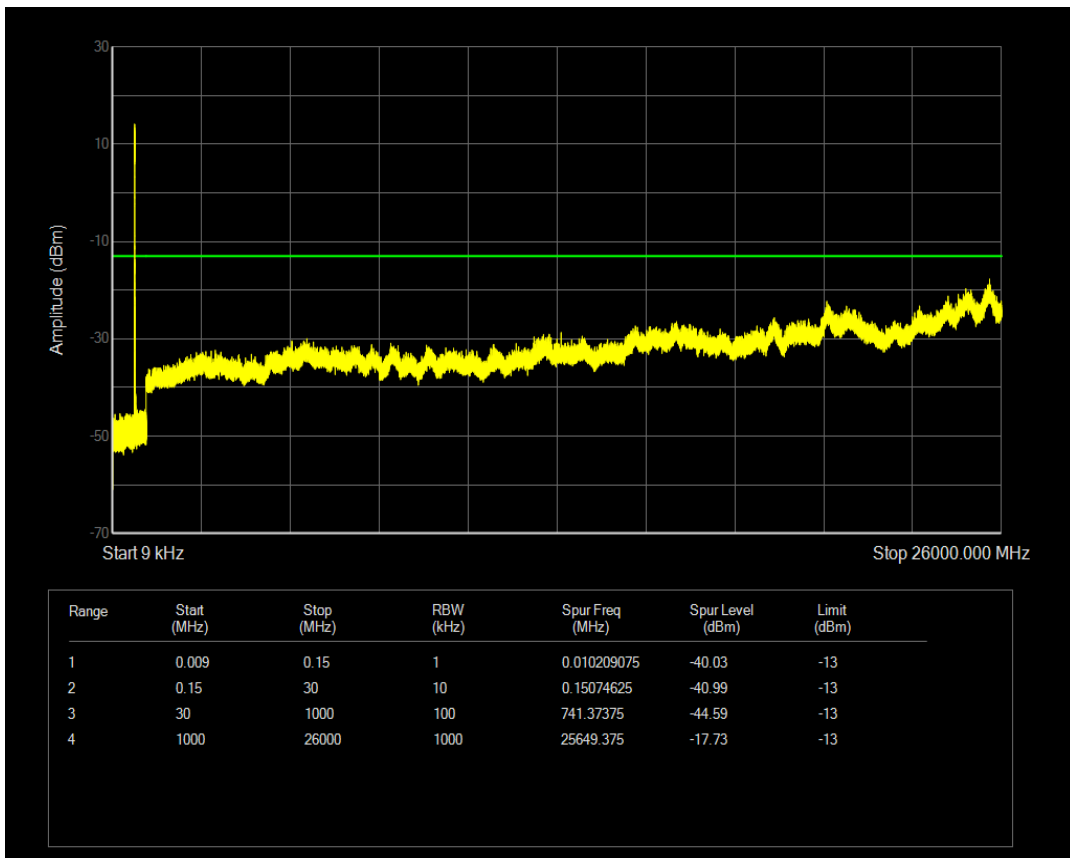
Band71 QPSK BW=5MHz Channel=133447 RB Size=25 Position=#0



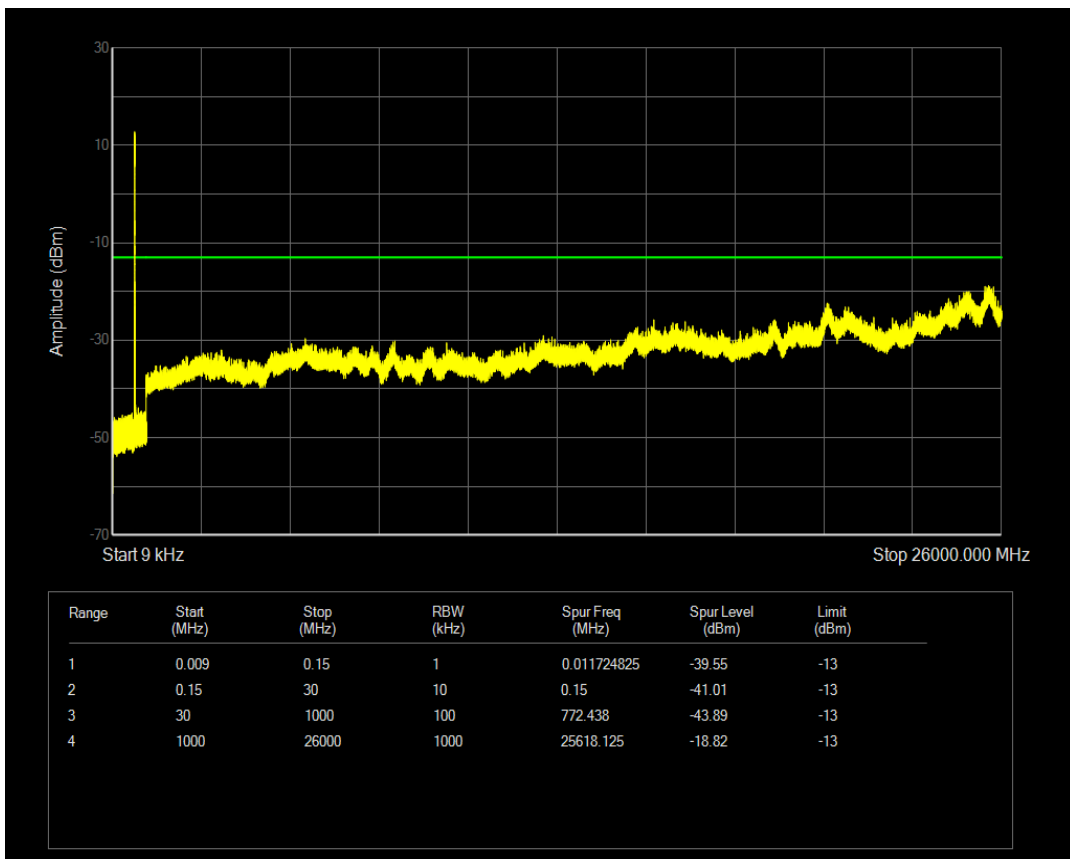
Band71 16QAM BW=5MHz Channel=133447 RB Size=25 Position=#0



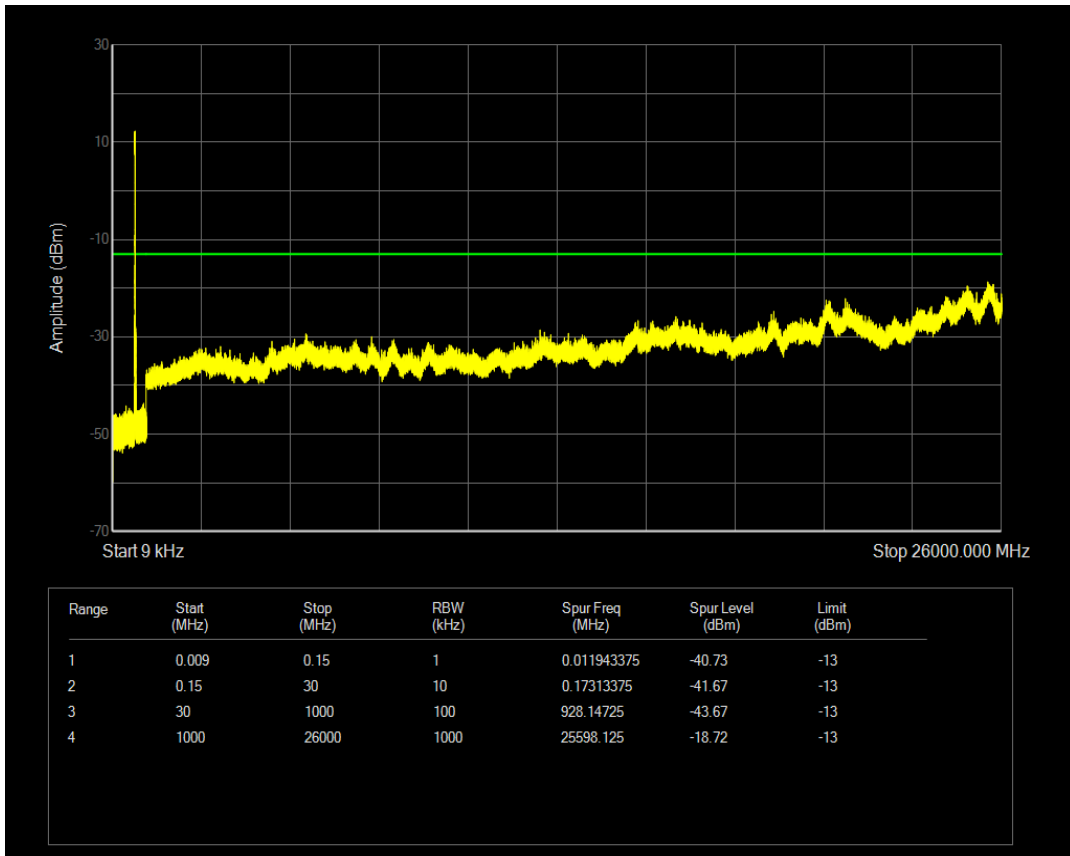
Band71 QPSK BW=10MHz Channel=133172 RB Size=50 Position=#0



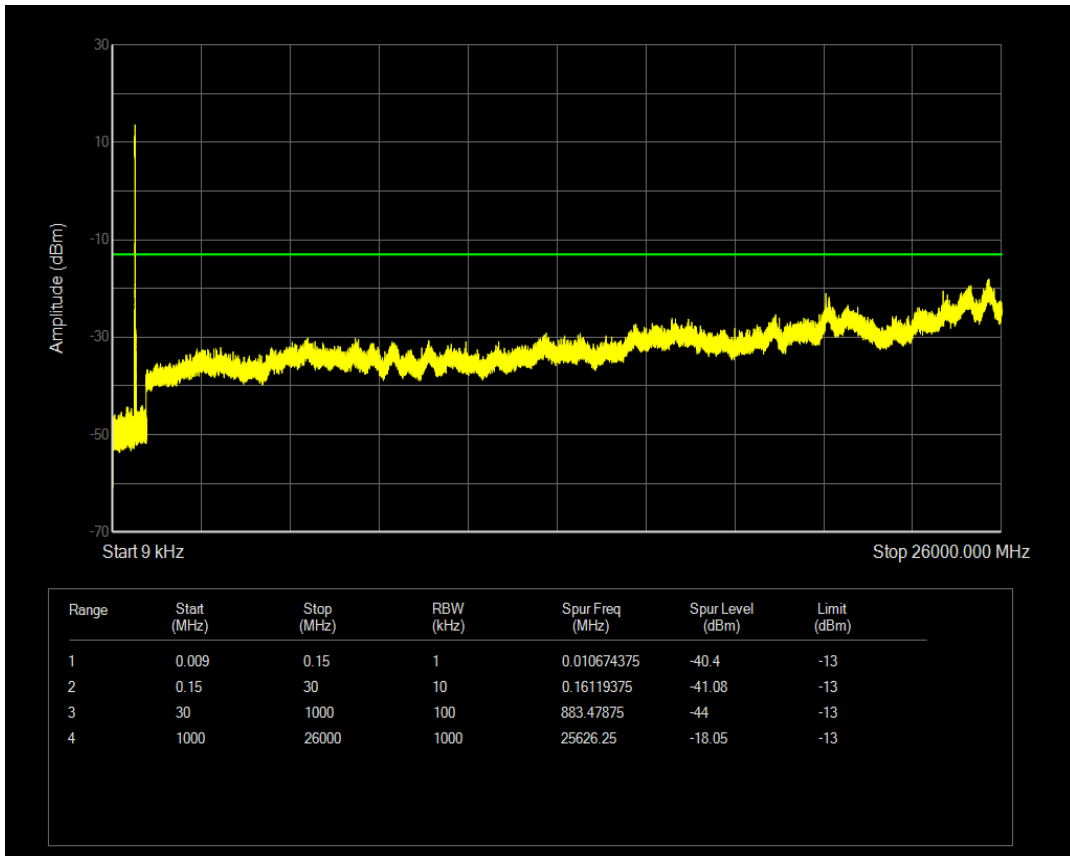
Band71 16QAM BW=10MHz Channel=133172 RB Size=50 Position=#0



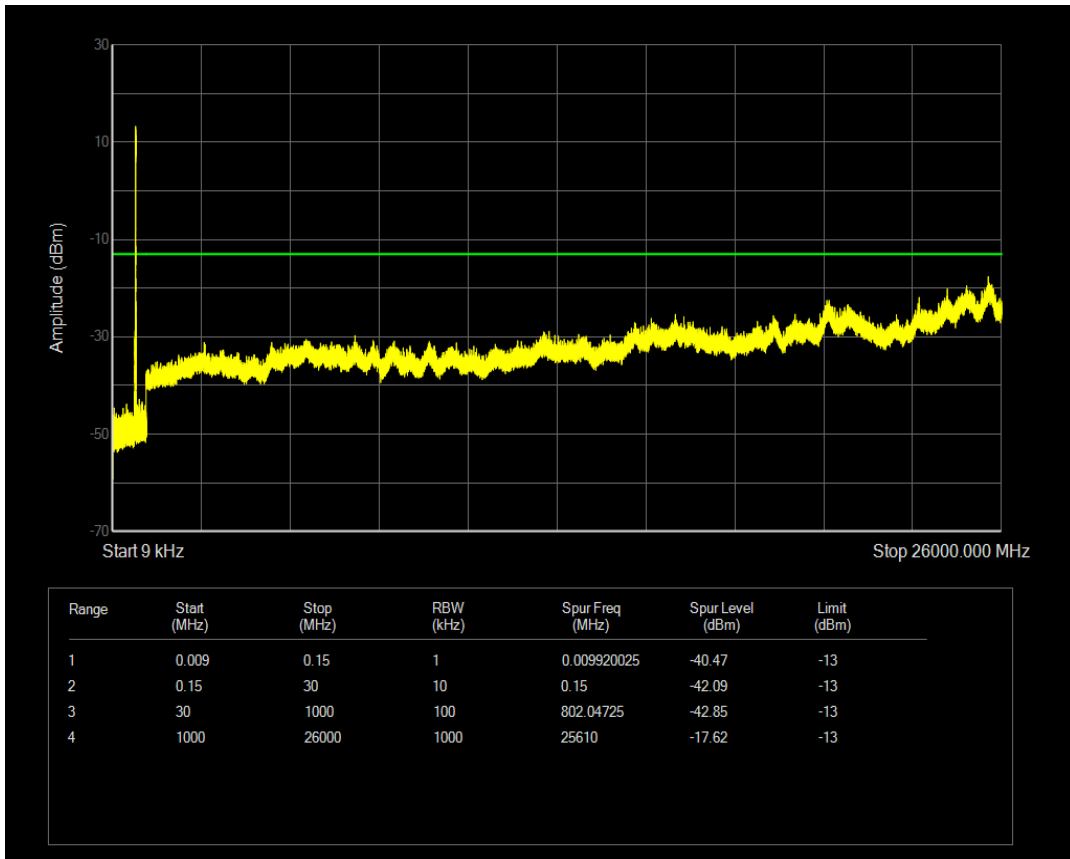
Band71 QPSK BW=10MHz Channel=133297 RB Size=50 Position=#0



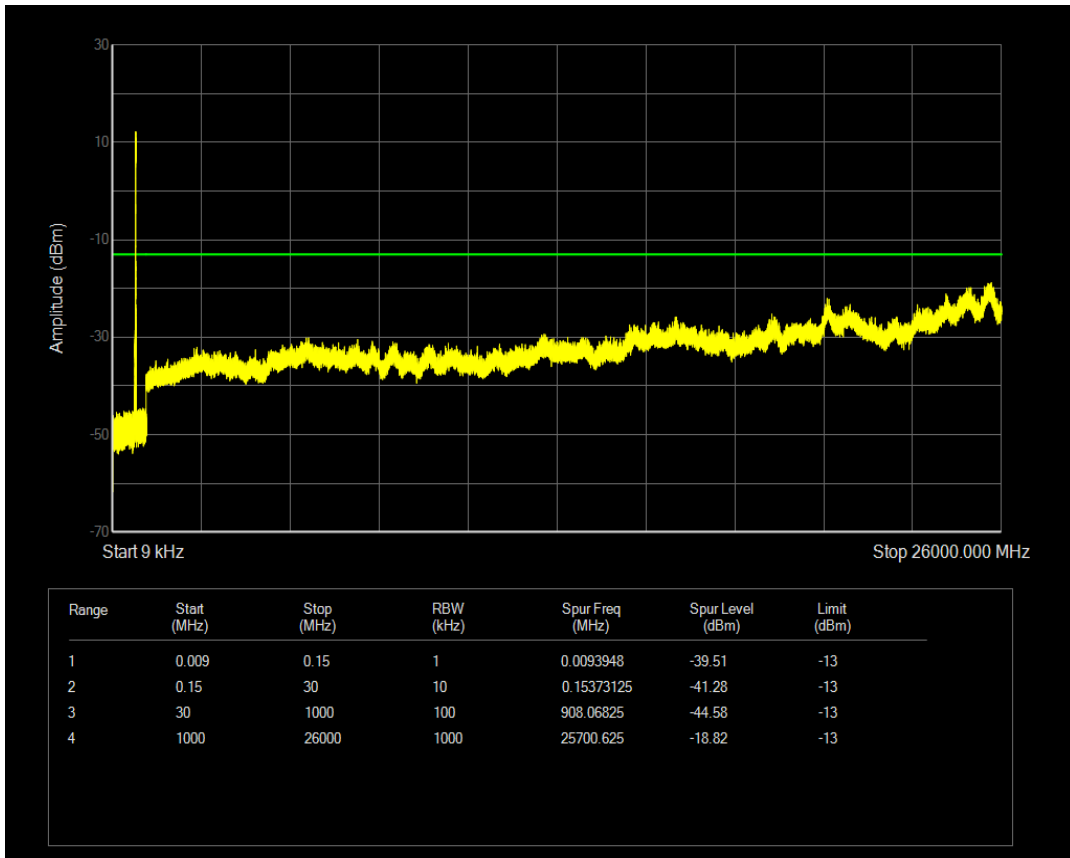
Band71 16QAM BW=10MHz Channel=133297 RB Size=50 Position=#0



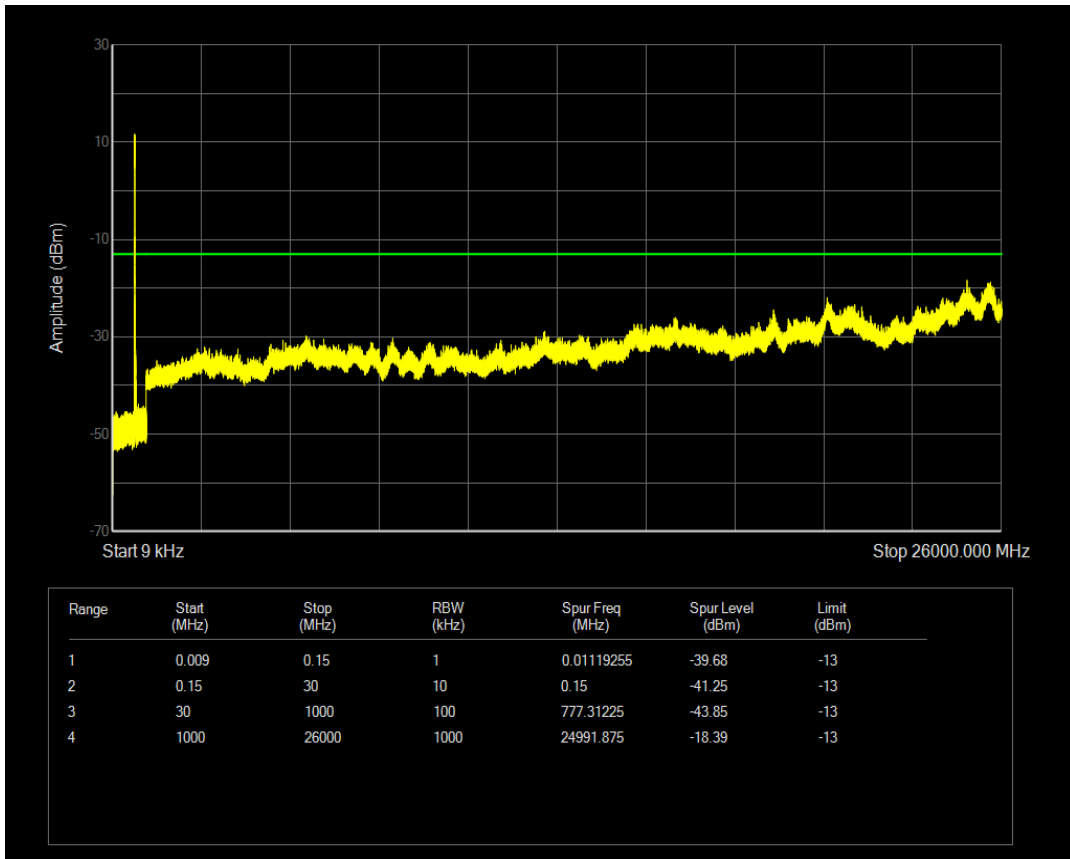
Band71 QPSK BW=10MHz Channel=133422 RB Size=50 Position=#0



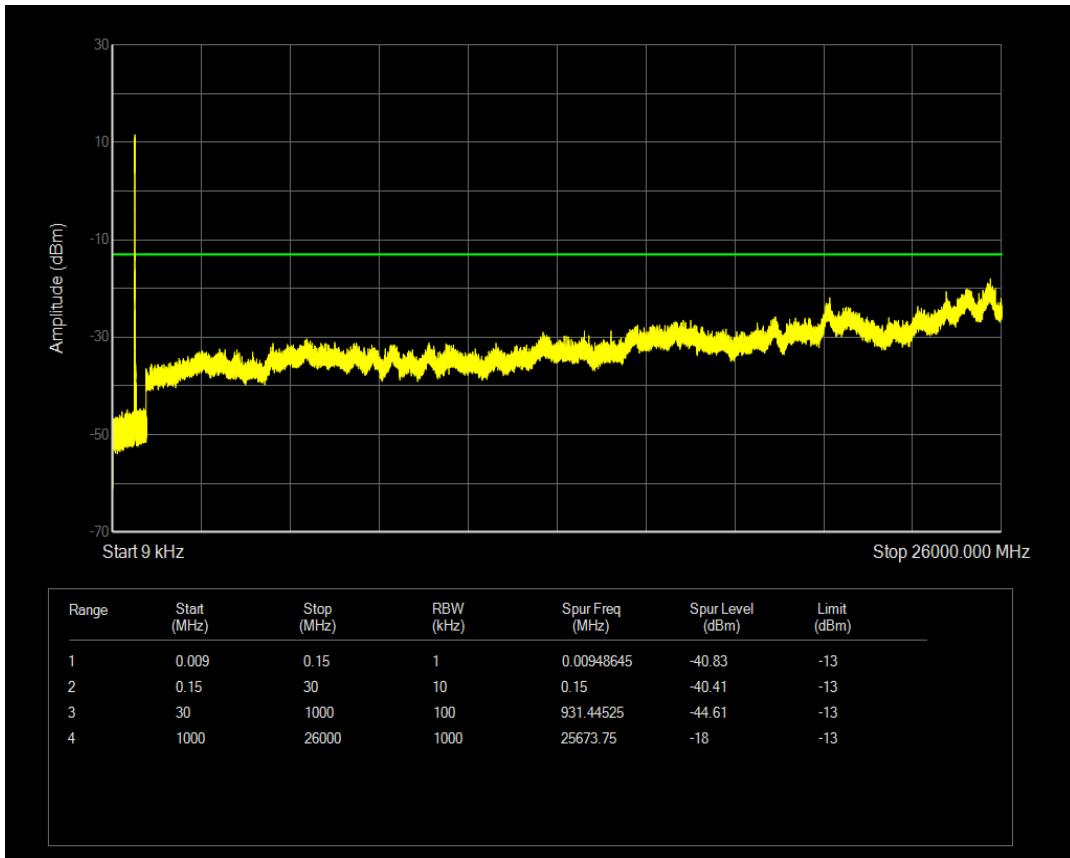
Band71 16QAM BW=10MHz Channel=133422 RB Size=50 Position=#0



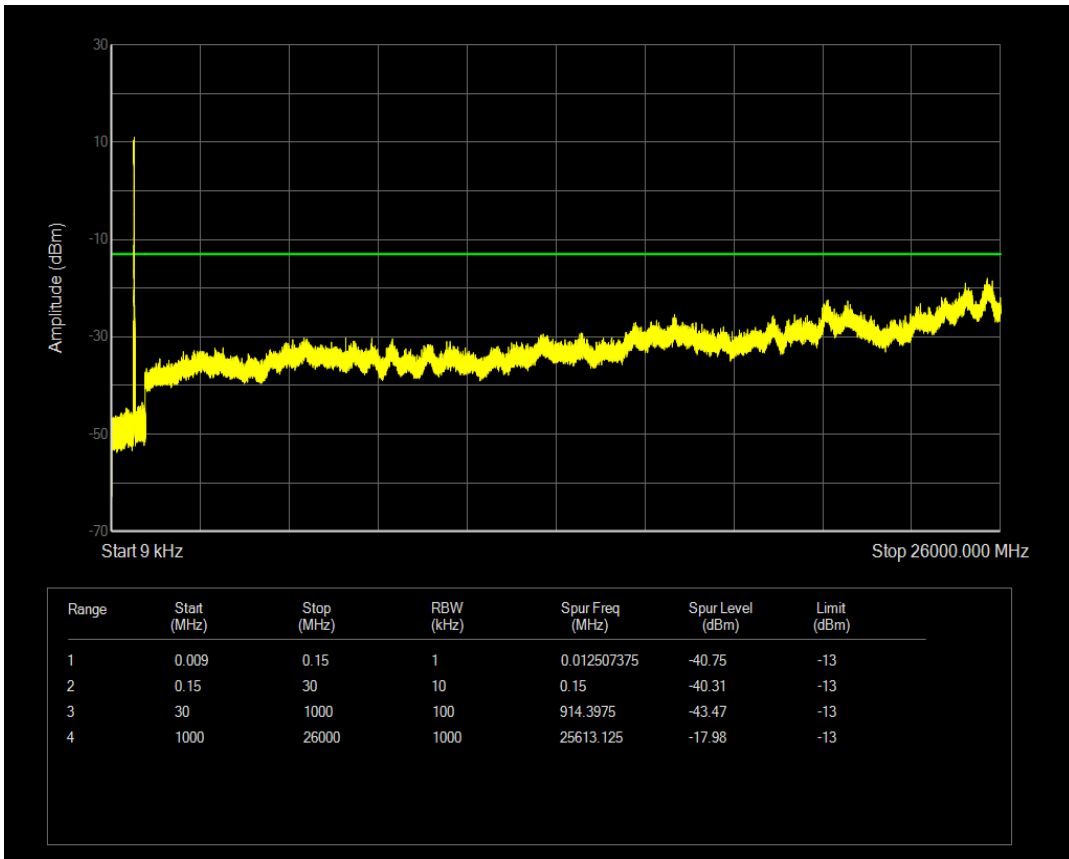
Band71 QPSK BW=15MHz Channel=133197 RB Size=75 Position=#0



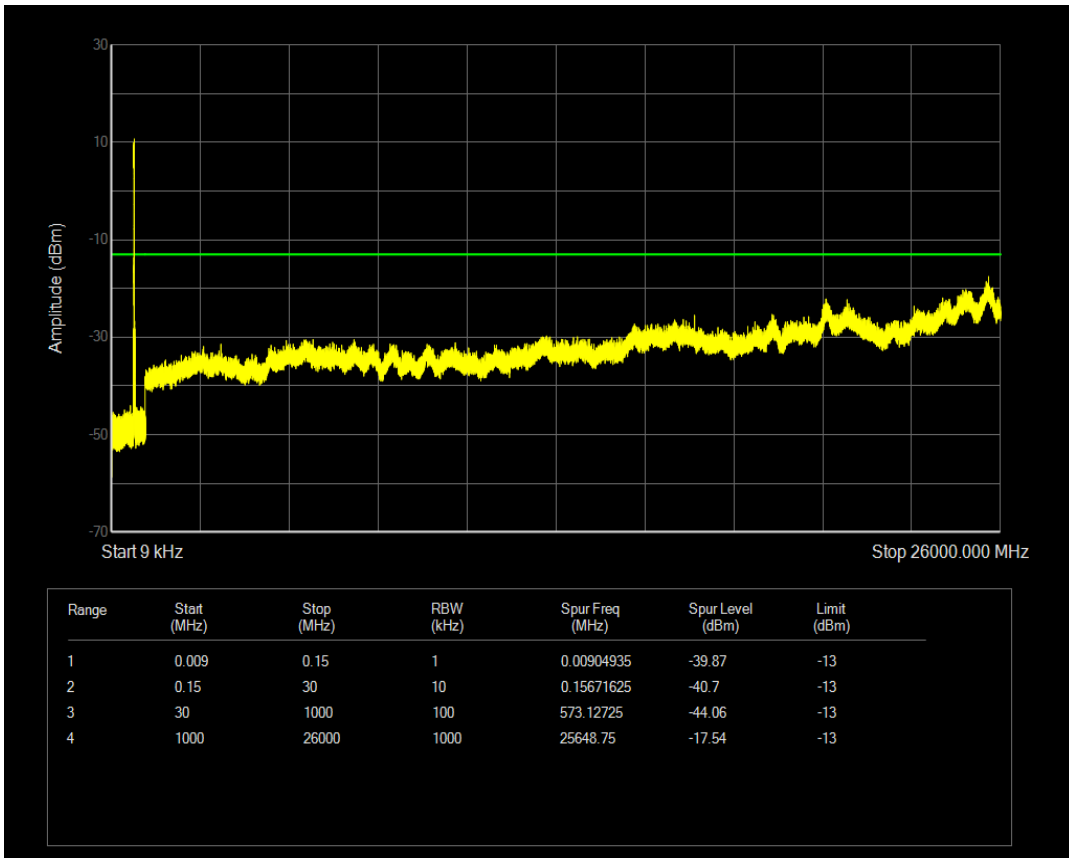
Band71 16QAM BW=15MHz Channel=133197 RB Size=75 Position=#0



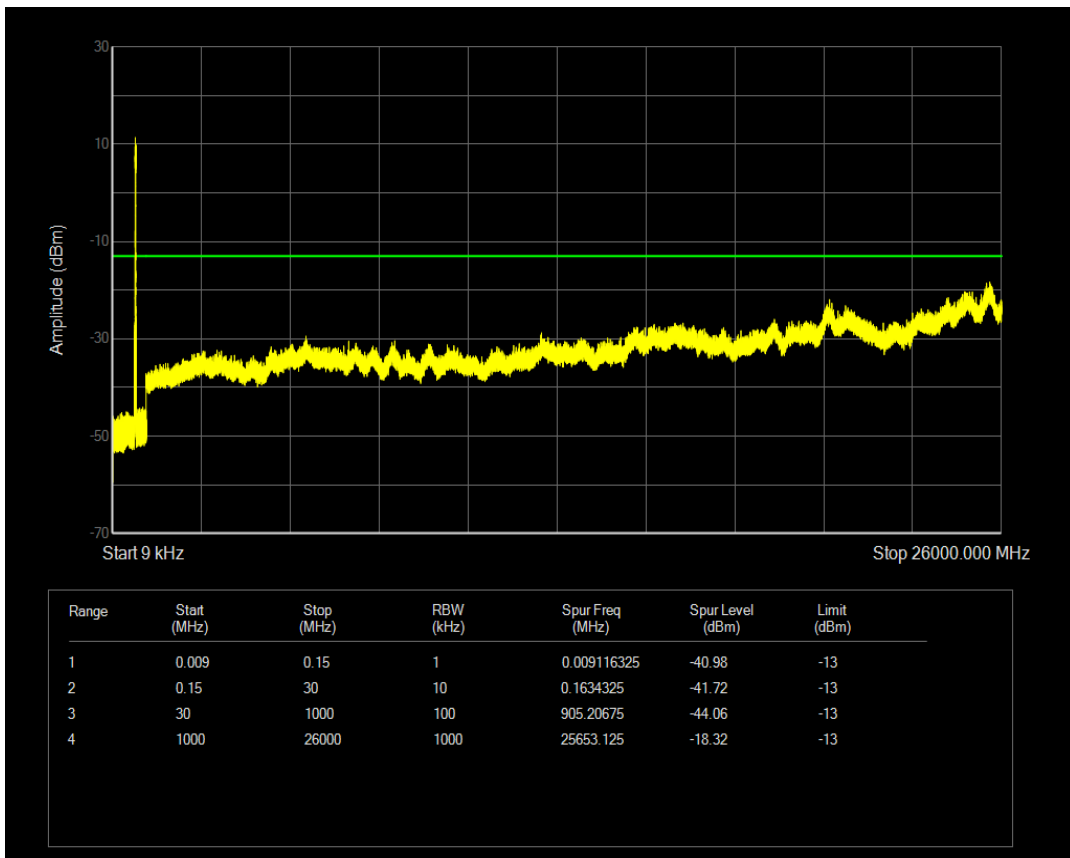
Band71 QPSK BW=15MHz Channel=133297 RB Size=75 Position=#0



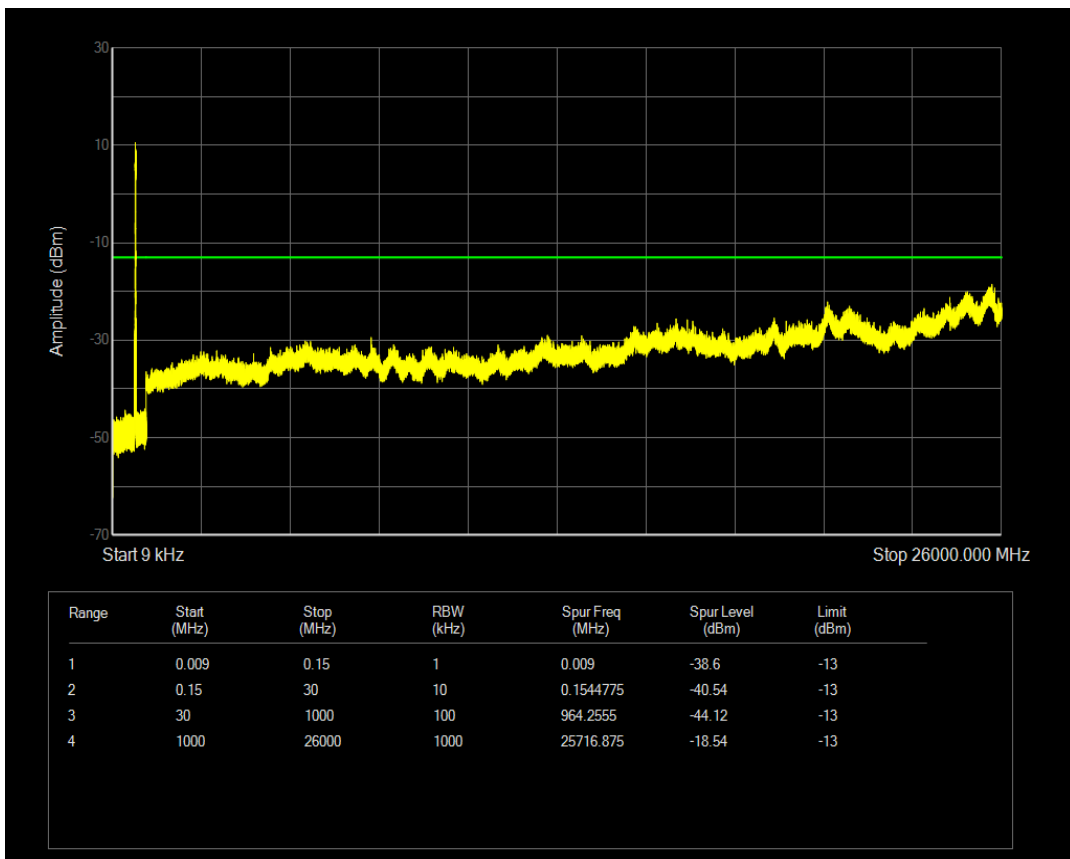
Band71 16QAM BW=15MHz Channel=133297 RB Size=75 Position=#0



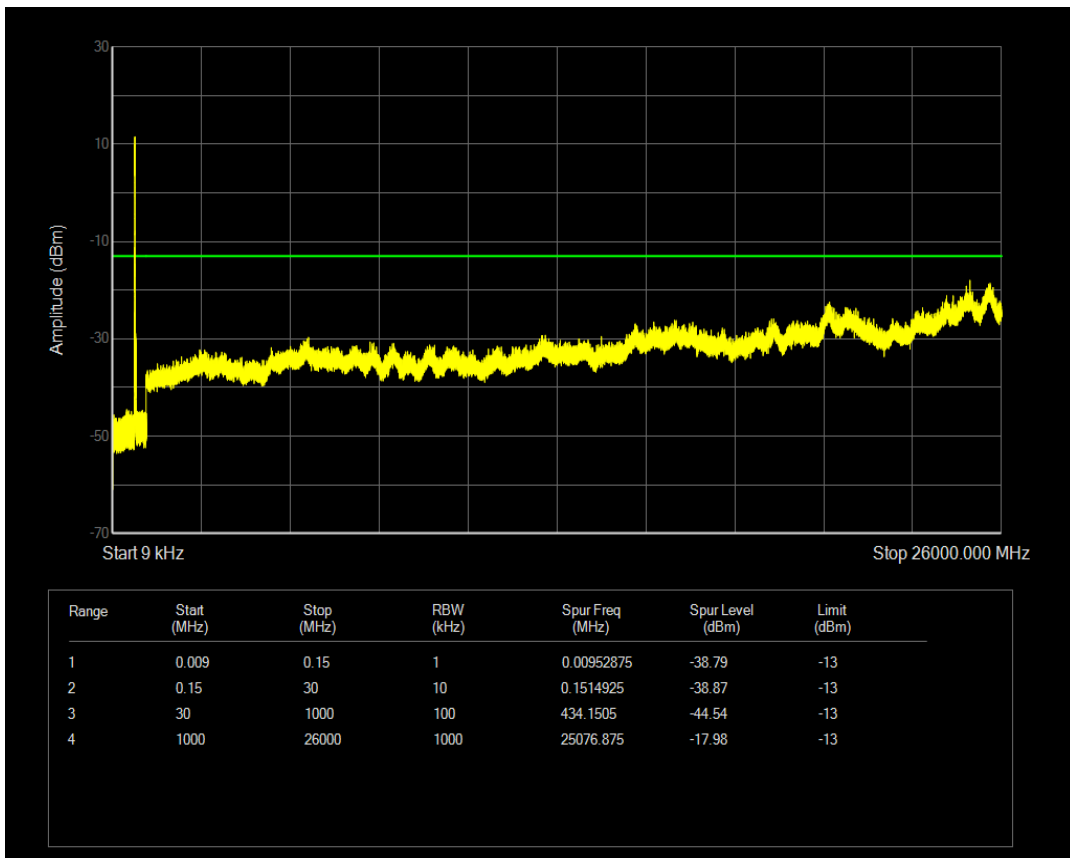
Band71 QPSK BW=15MHz Channel=133397 RB Size=75 Position=#0



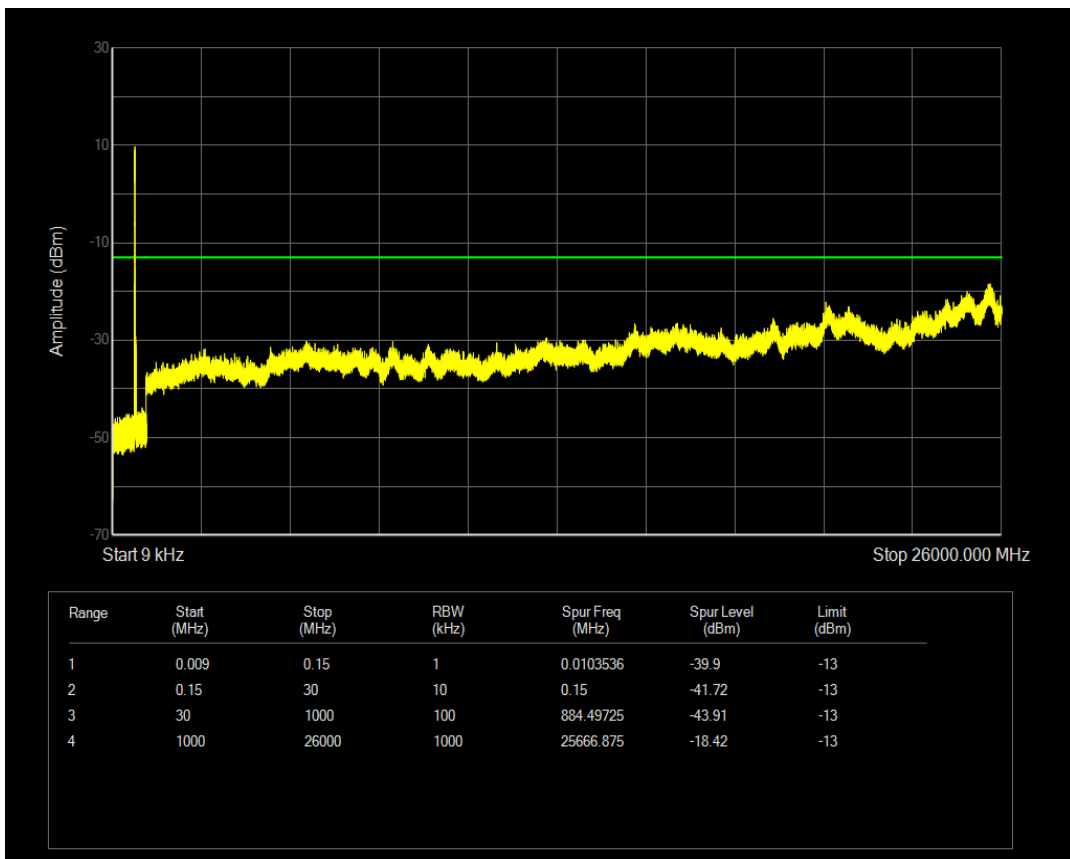
Band71 16QAM BW=15MHz Channel=133397 RB Size=75 Position=#0



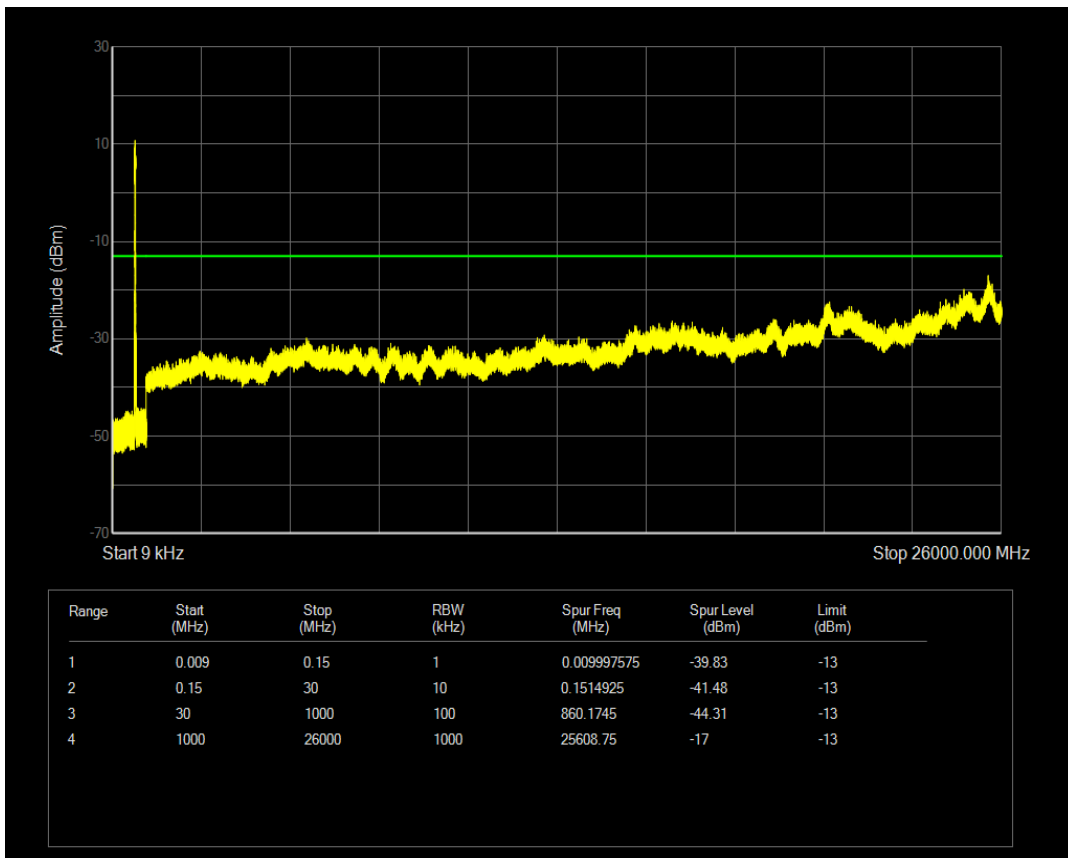
Band71 QPSK BW=20MHz Channel=133222 RB Size=100 Position=#0



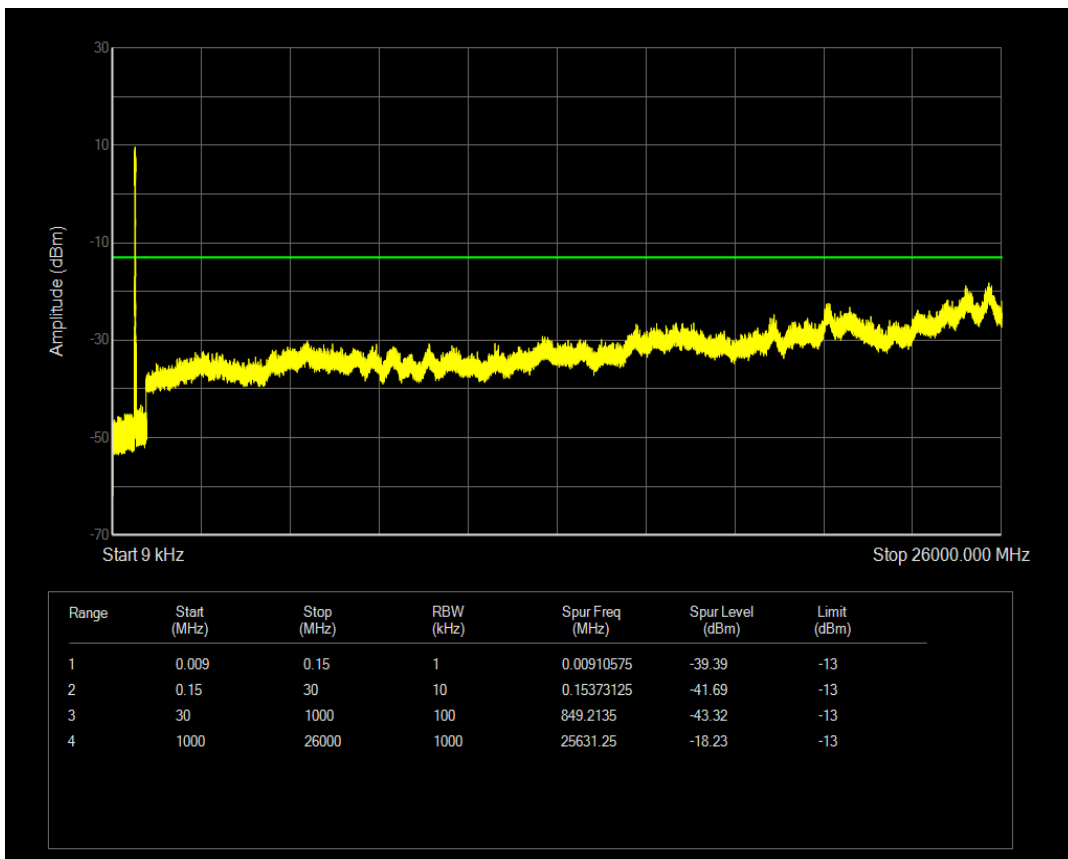
Band71 16QAM BW=20MHz Channel=133222 RB Size=100 Position=#0



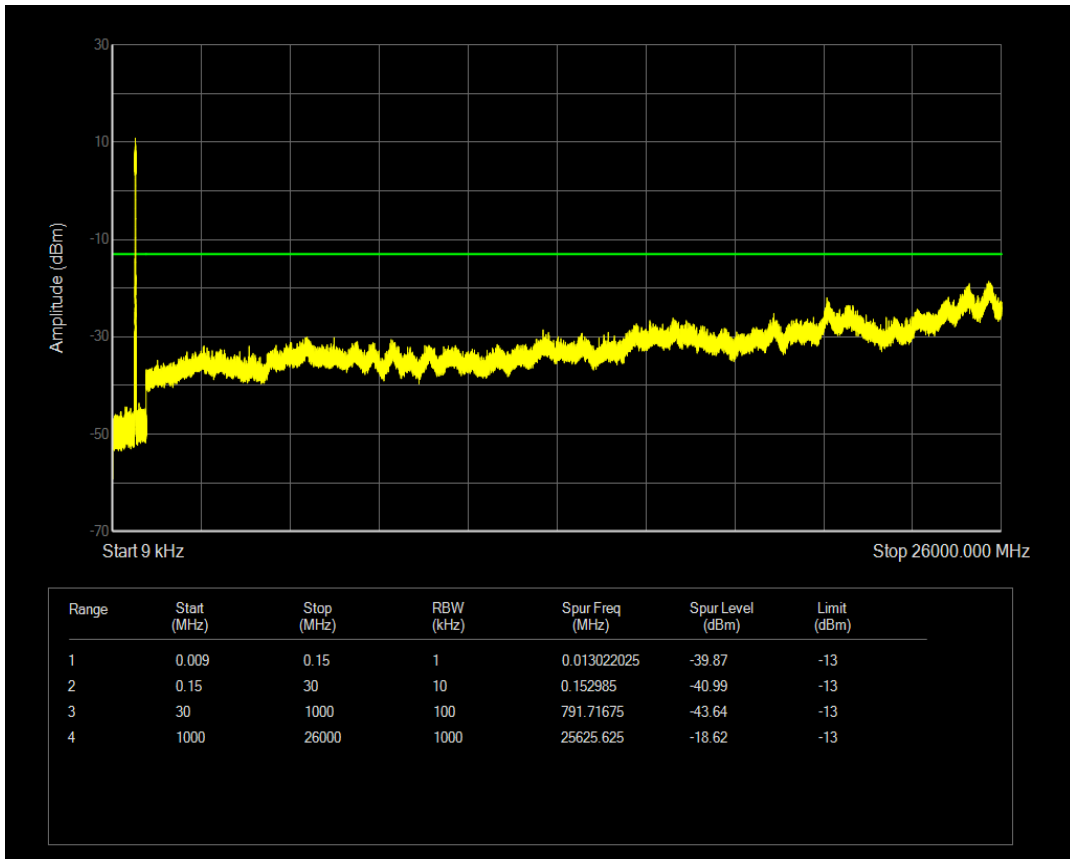
Band71 QPSK BW=20MHz Channel=133297 RB Size=100 Position=#0



Band71 16QAM BW=20MHz Channel=133297 RB Size=100 Position=#0



Band71 QPSK BW=20MHz Channel=133372 RB Size=100 Position=#0



Band71 16QAM BW=20MHz Channel=133372 RB Size=100 Position=#0

