

Appendix for Test Report

FCC ID: 2ATWZ-S0

Product Name: Real-Time Multisensor

Model No: S0

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Conducted output power (EIRP)

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
Band66	1.4	131979	1	#0	QPSK	21.88	0.17	22.05	160.32	1000	PASS
Band66	1.4	131979	1	#Mid	QPSK	21.98	0.17	22.15	164.06	1000	PASS
Band66	1.4	131979	1	#Max	QPSK	21.92	0.17	22.09	161.81	1000	PASS
Band66	1.4	131979	3	#0	QPSK	21.99	0.17	22.16	164.44	1000	PASS
Band66	1.4	131979	3	#Mid	QPSK	22.01	0.17	22.18	165.2	1000	PASS
Band66	1.4	131979	3	#Max	QPSK	21.98	0.17	22.15	164.06	1000	PASS
Band66	1.4	131979	6	#0	QPSK	21	0.17	21.17	130.92	1000	PASS
Band66	1.4	132322	1	#0	QPSK	22.4	0.17	22.57	180.72	1000	PASS
Band66	1.4	132322	1	#Mid	QPSK	22.72	0.17	22.89	194.54	1000	PASS
Band66	1.4	132322	1	#Max	QPSK	22.61	0.17	22.78	189.67	1000	PASS
Band66	1.4	132322	3	#0	QPSK	22.61	0.17	22.78	189.67	1000	PASS
Band66	1.4	132322	3	#Mid	QPSK	22.65	0.17	22.82	191.43	1000	PASS
Band66	1.4	132322	3	#Max	QPSK	22.64	0.17	22.81	190.99	1000	PASS
Band66	1.4	132322	6	#0	QPSK	21.68	0.17	21.85	153.11	1000	PASS
Band66	1.4	132665	1	#0	QPSK	22.77	0.17	22.94	196.79	1000	PASS
Band66	1.4	132665	1	#Mid	QPSK	22.89	0.17	23.06	202.3	1000	PASS
Band66	1.4	132665	1	#Max	QPSK	22.77	0.17	22.94	196.79	1000	PASS
Band66	1.4	132665	3	#0	QPSK	22.9	0.17	23.07	202.77	1000	PASS
Band66	1.4	132665	3	#Mid	QPSK	22.9	0.17	23.07	202.77	1000	PASS
Band66	1.4	132665	3	#Max	QPSK	22.88	0.17	23.05	201.84	1000	PASS
Band66	1.4	132665	6	#0	QPSK	21.95	0.17	22.12	162.93	1000	PASS
Band66	1.4	131979	1	#0	16QAM	21.73	0	21.73	148.94	1000	PASS
Band66	1.4	131979	1	#Mid	16QAM	21.88	0	21.88	154.17	1000	PASS
Band66	1.4	131979	1	#Max	16QAM	21.84	0	21.84	152.76	1000	PASS
Band66	1.4	131979	3	#0	16QAM	21.73	0	21.73	148.94	1000	PASS
Band66	1.4	131979	3	#Mid	16QAM	21.72	0	21.72	148.59	1000	PASS
Band66	1.4	131979	3	#Max	16QAM	21.72	0	21.72	148.59	1000	PASS
Band66	1.4	131979	6	#0	16QAM	21.14	0	21.14	130.02	1000	PASS
Band66	1.4	132322	1	#0	16QAM	21.25	0	21.25	133.35	1000	PASS
Band66	1.4	132322	1	#Mid	16QAM	21.26	0	21.26	133.66	1000	PASS
Band66	1.4	132322	1	#Max	16QAM	21.24	0	21.24	133.05	1000	PASS
Band66	1.4	132322	3	#0	16QAM	21.62	0	21.62	145.21	1000	PASS
Band66	1.4	132322	3	#Mid	16QAM	21.63	0	21.63	145.55	1000	PASS
Band66	1.4	132322	3	#Max	16QAM	21.62	0	21.62	145.21	1000	PASS
Band66	1.4	132322	6	#0	16QAM	20.49	0	20.49	111.94	1000	PASS
Band66	1.4	132665	1	#0	16QAM	21.64	0	21.64	145.88	1000	PASS
Band66	1.4	132665	1	#Mid	16QAM	21.71	0	21.71	148.25	1000	PASS
Band66	1.4	132665	1	#Max	16QAM	21.53	0	21.53	142.23	1000	PASS

Band66	1.4	132665	3	#0	16QAM	21.67	0	21.67	146.89	1000	PASS
Band66	1.4	132665	3	#Mid	16QAM	21.62	0	21.62	145.21	1000	PASS
Band66	1.4	132665	3	#Max	16QAM	21.54	0	21.54	142.56	1000	PASS
Band66	1.4	132665	6	#0	16QAM	20.74	0	20.74	118.58	1000	PASS
Band66	3	131987	1	#0	QPSK	22.18	0.17	22.35	171.79	1000	PASS
Band66	3	131987	1	#Mid	QPSK	22.26	0.17	22.43	174.98	1000	PASS
Band66	3	131987	1	#Max	QPSK	22.2	0.17	22.37	172.58	1000	PASS
Band66	3	131987	8	#0	QPSK	21.42	0.17	21.59	144.21	1000	PASS
Band66	3	131987	8	#Mid	QPSK	21.48	0.17	21.65	146.22	1000	PASS
Band66	3	131987	8	#Max	QPSK	21.47	0.17	21.64	145.88	1000	PASS
Band66	3	131987	15	#0	QPSK	21.44	0.17	21.61	144.88	1000	PASS
Band66	3	132322	1	#0	QPSK	22.37	0.17	22.54	179.47	1000	PASS
Band66	3	132322	1	#Mid	QPSK	22.45	0.17	22.62	182.81	1000	PASS
Band66	3	132322	1	#Max	QPSK	22.43	0.17	22.6	181.97	1000	PASS
Band66	3	132322	8	#0	QPSK	21.54	0.17	21.71	148.25	1000	PASS
Band66	3	132322	8	#Mid	QPSK	21.65	0.17	21.82	152.05	1000	PASS
Band66	3	132322	8	#Max	QPSK	21.64	0.17	21.81	151.71	1000	PASS
Band66	3	132322	15	#0	QPSK	21.59	0.17	21.76	149.97	1000	PASS
Band66	3	132657	1	#0	QPSK	22.67	0.17	22.84	192.31	1000	PASS
Band66	3	132657	1	#Mid	QPSK	22.81	0.17	22.98	198.61	1000	PASS
Band66	3	132657	1	#Max	QPSK	22.8	0.17	22.97	198.15	1000	PASS
Band66	3	132657	8	#0	QPSK	21.83	0.17	22	158.49	1000	PASS
Band66	3	132657	8	#Mid	QPSK	21.89	0.17	22.06	160.69	1000	PASS
Band66	3	132657	8	#Max	QPSK	21.83	0.17	22	158.49	1000	PASS
Band66	3	132657	15	#0	QPSK	21.84	0.17	22.01	158.85	1000	PASS
Band66	3	131987	1	#0	16QAM	21.97	0	21.97	157.4	1000	PASS
Band66	3	131987	1	#Mid	16QAM	22.31	0	22.31	170.22	1000	PASS
Band66	3	131987	1	#Max	16QAM	22.15	0	22.15	164.06	1000	PASS
Band66	3	131987	8	#0	16QAM	20.85	0	20.85	121.62	1000	PASS
Band66	3	131987	8	#Mid	16QAM	20.95	0	20.95	124.45	1000	PASS
Band66	3	131987	8	#Max	16QAM	20.93	0	20.93	123.88	1000	PASS
Band66	3	131987	15	#0	16QAM	20.91	0	20.91	123.31	1000	PASS
Band66	3	132322	1	#0	16QAM	21.1	0	21.1	128.82	1000	PASS
Band66	3	132322	1	#Mid	16QAM	21.27	0	21.27	133.97	1000	PASS
Band66	3	132322	1	#Max	16QAM	21.13	0	21.13	129.72	1000	PASS
Band66	3	132322	8	#0	16QAM	20.49	0	20.49	111.94	1000	PASS
Band66	3	132322	8	#Mid	16QAM	20.57	0	20.57	114.02	1000	PASS
Band66	3	132322	8	#Max	16QAM	20.52	0	20.52	112.72	1000	PASS
Band66	3	132322	15	#0	16QAM	20.33	0	20.33	107.89	1000	PASS
Band66	3	132657	1	#0	16QAM	21.94	0	21.94	156.31	1000	PASS
Band66	3	132657	1	#Mid	16QAM	21.86	0	21.86	153.46	1000	PASS
Band66	3	132657	1	#Max	16QAM	21.41	0	21.41	138.36	1000	PASS
Band66	3	132657	8	#0	16QAM	21	0	21	125.89	1000	PASS

Band66	3	132657	8	#Mid	16QAM	20.94	0	20.94	124.17	1000	PASS
Band66	3	132657	8	#Max	16QAM	20.77	0	20.77	119.4	1000	PASS
Band66	3	132657	15	#0	16QAM	20.96	0	20.96	124.74	1000	PASS
Band66	5	131997	1	#0	QPSK	22.49	0.17	22.66	184.5	1000	PASS
Band66	5	131997	1	#Mid	QPSK	22.58	0.17	22.75	188.36	1000	PASS
Band66	5	131997	1	#Max	QPSK	22.48	0.17	22.65	184.08	1000	PASS
Band66	5	131997	12	#0	QPSK	21.47	0.17	21.64	145.88	1000	PASS
Band66	5	131997	12	#Mid	QPSK	21.56	0.17	21.73	148.94	1000	PASS
Band66	5	131997	12	#Max	QPSK	21.56	0.17	21.73	148.94	1000	PASS
Band66	5	131997	25	#0	QPSK	21.53	0.17	21.7	147.91	1000	PASS
Band66	5	132322	1	#0	QPSK	22.62	0.17	22.79	190.11	1000	PASS
Band66	5	132322	1	#Mid	QPSK	22.73	0.17	22.9	194.98	1000	PASS
Band66	5	132322	1	#Max	QPSK	22.74	0.17	22.91	195.43	1000	PASS
Band66	5	132322	12	#0	QPSK	21.61	0.17	21.78	150.66	1000	PASS
Band66	5	132322	12	#Mid	QPSK	21.71	0.17	21.88	154.17	1000	PASS
Band66	5	132322	12	#Max	QPSK	21.69	0.17	21.86	153.46	1000	PASS
Band66	5	132322	25	#0	QPSK	21.69	0.17	21.86	153.46	1000	PASS
Band66	5	132647	1	#0	QPSK	22.76	0.17	22.93	196.34	1000	PASS
Band66	5	132647	1	#Mid	QPSK	22.85	0.17	23.02	200.45	1000	PASS
Band66	5	132647	1	#Max	QPSK	22.83	0.17	23	199.53	1000	PASS
Band66	5	132647	12	#0	QPSK	21.86	0.17	22.03	159.59	1000	PASS
Band66	5	132647	12	#Mid	QPSK	21.93	0.17	22.1	162.18	1000	PASS
Band66	5	132647	12	#Max	QPSK	21.83	0.17	22	158.49	1000	PASS
Band66	5	132647	25	#0	QPSK	21.86	0.17	22.03	159.59	1000	PASS
Band66	5	131997	1	#0	16QAM	22.31	0	22.31	170.22	1000	PASS
Band66	5	131997	1	#Mid	16QAM	22.39	0	22.39	173.38	1000	PASS
Band66	5	131997	1	#Max	16QAM	22.55	0	22.55	179.89	1000	PASS
Band66	5	131997	12	#0	16QAM	21.06	0	21.06	127.64	1000	PASS
Band66	5	131997	12	#Mid	16QAM	21.05	0	21.05	127.35	1000	PASS
Band66	5	131997	12	#Max	16QAM	21.13	0	21.13	129.72	1000	PASS
Band66	5	131997	25	#0	16QAM	21.17	0	21.17	130.92	1000	PASS
Band66	5	132322	1	#0	16QAM	21.7	0	21.7	147.91	1000	PASS
Band66	5	132322	1	#Mid	16QAM	21.59	0	21.59	144.21	1000	PASS
Band66	5	132322	1	#Max	16QAM	21.84	0	21.84	152.76	1000	PASS
Band66	5	132322	12	#0	16QAM	20.54	0	20.54	113.24	1000	PASS
Band66	5	132322	12	#Mid	16QAM	20.55	0	20.55	113.5	1000	PASS
Band66	5	132322	12	#Max	16QAM	20.61	0	20.61	115.08	1000	PASS
Band66	5	132322	25	#0	16QAM	20.63	0	20.63	115.61	1000	PASS
Band66	5	132647	1	#0	16QAM	22.9	0	22.9	194.98	1000	PASS
Band66	5	132647	1	#Mid	16QAM	22.51	0	22.51	178.24	1000	PASS
Band66	5	132647	1	#Max	16QAM	22.19	0	22.19	165.58	1000	PASS
Band66	5	132647	12	#0	16QAM	21.41	0	21.41	138.36	1000	PASS
Band66	5	132647	12	#Mid	16QAM	21.22	0	21.22	132.43	1000	PASS

Band66	5	132647	12	#Max	16QAM	21.03	0	21.03	126.77	1000	PASS
Band66	5	132647	25	#0	16QAM	21.23	0	21.23	132.74	1000	PASS
Band66	10	132022	1	#0	QPSK	22.5	0.17	22.67	184.93	1000	PASS
Band66	10	132022	1	#Mid	QPSK	22.59	0.17	22.76	188.8	1000	PASS
Band66	10	132022	1	#Max	QPSK	22.55	0.17	22.72	187.07	1000	PASS
Band66	10	132022	25	#0	QPSK	21.43	0.17	21.6	144.54	1000	PASS
Band66	10	132022	25	#Mid	QPSK	21.6	0.17	21.77	150.31	1000	PASS
Band66	10	132022	25	#Max	QPSK	21.6	0.17	21.77	150.31	1000	PASS
Band66	10	132022	50	#0	QPSK	21.56	0.17	21.73	148.94	1000	PASS
Band66	10	132322	1	#0	QPSK	22.62	0.17	22.79	190.11	1000	PASS
Band66	10	132322	1	#Mid	QPSK	22.74	0.17	22.91	195.43	1000	PASS
Band66	10	132322	1	#Max	QPSK	22.82	0.17	22.99	199.07	1000	PASS
Band66	10	132322	25	#0	QPSK	21.58	0.17	21.75	149.62	1000	PASS
Band66	10	132322	25	#Mid	QPSK	21.72	0.17	21.89	154.53	1000	PASS
Band66	10	132322	25	#Max	QPSK	21.73	0.17	21.9	154.88	1000	PASS
Band66	10	132322	50	#0	QPSK	21.7	0.17	21.87	153.82	1000	PASS
Band66	10	132622	1	#0	QPSK	22.86	0.17	23.03	200.91	1000	PASS
Band66	10	132622	1	#Mid	QPSK	22.99	0.17	23.16	207.01	1000	PASS
Band66	10	132622	1	#Max	QPSK	23.05	0.17	23.22	209.89	1000	PASS
Band66	10	132622	25	#0	QPSK	21.78	0.17	21.95	156.68	1000	PASS
Band66	10	132622	25	#Mid	QPSK	21.87	0.17	22.04	159.96	1000	PASS
Band66	10	132622	25	#Max	QPSK	21.75	0.17	21.92	155.6	1000	PASS
Band66	10	132622	50	#0	QPSK	21.79	0.17	21.96	157.04	1000	PASS
Band66	10	132022	1	#0	16QAM	22.51	0	22.51	178.24	1000	PASS
Band66	10	132022	1	#Mid	16QAM	22.49	0	22.49	177.42	1000	PASS
Band66	10	132022	1	#Max	16QAM	22.72	0	22.72	187.07	1000	PASS
Band66	10	132022	25	#0	16QAM	21.27	0	21.27	133.97	1000	PASS
Band66	10	132022	25	#Mid	16QAM	21.27	0	21.27	133.97	1000	PASS
Band66	10	132022	25	#Max	16QAM	21.38	0	21.38	137.4	1000	PASS
Band66	10	132322	1	#0	16QAM	21.51	0	21.51	141.58	1000	PASS
Band66	10	132322	1	#Mid	16QAM	21.37	0	21.37	137.09	1000	PASS
Band66	10	132322	1	#Max	16QAM	21.57	0	21.57	143.55	1000	PASS
Band66	10	132322	25	#0	16QAM	20.56	0	20.56	113.76	1000	PASS
Band66	10	132322	25	#Mid	16QAM	20.57	0	20.57	114.02	1000	PASS
Band66	10	132322	25	#Max	16QAM	20.65	0	20.65	116.14	1000	PASS
Band66	10	132622	1	#0	16QAM	22.52	0	22.52	178.65	1000	PASS
Band66	10	132622	1	#Mid	16QAM	22.38	0	22.38	172.98	1000	PASS
Band66	10	132622	1	#Max	16QAM	21.77	0	21.77	150.31	1000	PASS
Band66	10	132622	25	#0	16QAM	21.64	0	21.64	145.88	1000	PASS
Band66	10	132622	25	#Mid	16QAM	21.53	0	21.53	142.23	1000	PASS
Band66	10	132622	25	#Max	16QAM	21.32	0	21.32	135.52	1000	PASS
Band66	15	132047	1	#0	QPSK	22.42	0.17	22.59	181.55	1000	PASS
Band66	15	132047	1	#Mid	QPSK	22.55	0.17	22.72	187.07	1000	PASS

Band66	15	132047	1	#Max	QPSK	22.42	0.17	22.59	181.55	1000	PASS
Band66	15	132047	36	#0	QPSK	21.43	0.17	21.6	144.54	1000	PASS
Band66	15	132047	36	#Mid	QPSK	21.57	0.17	21.74	149.28	1000	PASS
Band66	15	132047	36	#Max	QPSK	21.56	0.17	21.73	148.94	1000	PASS
Band66	15	132047	75	#0	QPSK	21.56	0.17	21.73	148.94	1000	PASS
Band66	15	132322	1	#0	QPSK	22.49	0.17	22.66	184.5	1000	PASS
Band66	15	132322	1	#Mid	QPSK	22.69	0.17	22.86	193.2	1000	PASS
Band66	15	132322	1	#Max	QPSK	22.73	0.17	22.9	194.98	1000	PASS
Band66	15	132322	36	#0	QPSK	21.69	0.17	21.86	153.46	1000	PASS
Band66	15	132322	36	#Mid	QPSK	21.8	0.17	21.97	157.4	1000	PASS
Band66	15	132322	36	#Max	QPSK	21.81	0.17	21.98	157.76	1000	PASS
Band66	15	132322	75	#0	QPSK	21.81	0.17	21.98	157.76	1000	PASS
Band66	15	132597	1	#0	QPSK	22.79	0.17	22.96	197.7	1000	PASS
Band66	15	132597	1	#Mid	QPSK	22.95	0.17	23.12	205.12	1000	PASS
Band66	15	132597	1	#Max	QPSK	22.98	0.17	23.15	206.54	1000	PASS
Band66	15	132597	36	#0	QPSK	21.81	0.17	21.98	157.76	1000	PASS
Band66	15	132597	36	#Mid	QPSK	21.93	0.17	22.1	162.18	1000	PASS
Band66	15	132597	36	#Max	QPSK	21.9	0.17	22.07	161.06	1000	PASS
Band66	15	132597	75	#0	QPSK	21.9	0.17	22.07	161.06	1000	PASS
Band66	15	132047	1	#0	16QAM	22.31	0	22.31	170.22	1000	PASS
Band66	15	132047	1	#Mid	16QAM	22.52	0	22.52	178.65	1000	PASS
Band66	15	132047	1	#Max	16QAM	22.46	0	22.46	176.2	1000	PASS
Band66	20	132072	1	#0	QPSK	22.35	0.17	22.52	178.65	1000	PASS
Band66	20	132072	1	#Mid	QPSK	22.64	0.17	22.81	190.99	1000	PASS
Band66	20	132072	1	#Max	QPSK	22.36	0.17	22.53	179.06	1000	PASS
Band66	20	132072	50	#0	QPSK	21.41	0.17	21.58	143.88	1000	PASS
Band66	20	132072	50	#Mid	QPSK	21.58	0.17	21.75	149.62	1000	PASS
Band66	20	132072	50	#Max	QPSK	21.53	0.17	21.7	147.91	1000	PASS
Band66	20	132072	100	#0	QPSK	21.47	0.17	21.64	145.88	1000	PASS
Band66	20	132322	1	#0	QPSK	22.46	0.17	22.63	183.23	1000	PASS
Band66	20	132322	1	#Mid	QPSK	22.85	0.17	23.02	200.45	1000	PASS
Band66	20	132322	1	#Max	QPSK	22.74	0.17	22.91	195.43	1000	PASS
Band66	20	132322	50	#0	QPSK	21.6	0.17	21.77	150.31	1000	PASS
Band66	20	132322	50	#Mid	QPSK	21.79	0.17	21.96	157.04	1000	PASS
Band66	20	132322	50	#Max	QPSK	21.79	0.17	21.96	157.04	1000	PASS
Band66	20	132322	100	#0	QPSK	21.69	0.17	21.86	153.46	1000	PASS
Band66	20	132572	1	#0	QPSK	22.64	0.17	22.81	190.99	1000	PASS
Band66	20	132572	1	#Mid	QPSK	22.89	0.17	23.06	202.3	1000	PASS
Band66	20	132572	1	#Max	QPSK	22.84	0.17	23.01	199.99	1000	PASS
Band66	20	132572	50	#0	QPSK	21.8	0.17	21.97	157.4	1000	PASS
Band66	20	132572	50	#Mid	QPSK	21.88	0.17	22.05	160.32	1000	PASS
Band66	20	132572	50	#Max	QPSK	21.76	0.17	21.93	155.96	1000	PASS
Band66	20	132572	100	#0	QPSK	21.8	0.17	21.97	157.4	1000	PASS

Band66	15	132322	1	#0	16QAM	21.34	0	21.34	136.14	1000	PASS
Band66	15	132322	1	#Mid	16QAM	21.4	0	21.4	138.04	1000	PASS
Band66	15	132322	1	#Max	16QAM	21.46	0	21.46	139.96	1000	PASS
Band66	15	132597	1	#0	16QAM	22.35	0	22.35	171.79	1000	PASS
Band66	15	132597	1	#Mid	16QAM	22.73	0	22.73	187.5	1000	PASS
Band66	15	132597	1	#Max	16QAM	21.79	0	21.79	151.01	1000	PASS
Band66	20	132072	1	#0	16QAM	22.25	0	22.25	167.88	1000	PASS
Band66	20	132072	1	#Mid	16QAM	22.37	0	22.37	172.58	1000	PASS
Band66	20	132072	1	#Max	16QAM	22.21	0	22.21	166.34	1000	PASS
Band66	20	132322	1	#0	16QAM	21.55	0	21.55	142.89	1000	PASS
Band66	20	132322	1	#Mid	16QAM	21.41	0	21.41	138.36	1000	PASS
Band66	20	132322	1	#Max	16QAM	21.57	0	21.57	143.55	1000	PASS
Band66	20	132572	1	#0	16QAM	22.16	0	22.16	164.44	1000	PASS
Band66	20	132572	1	#Mid	16QAM	22.61	0	22.61	182.39	1000	PASS
Band66	20	132572	1	#Max	16QAM	21.82	0	21.82	152.05	1000	PASS

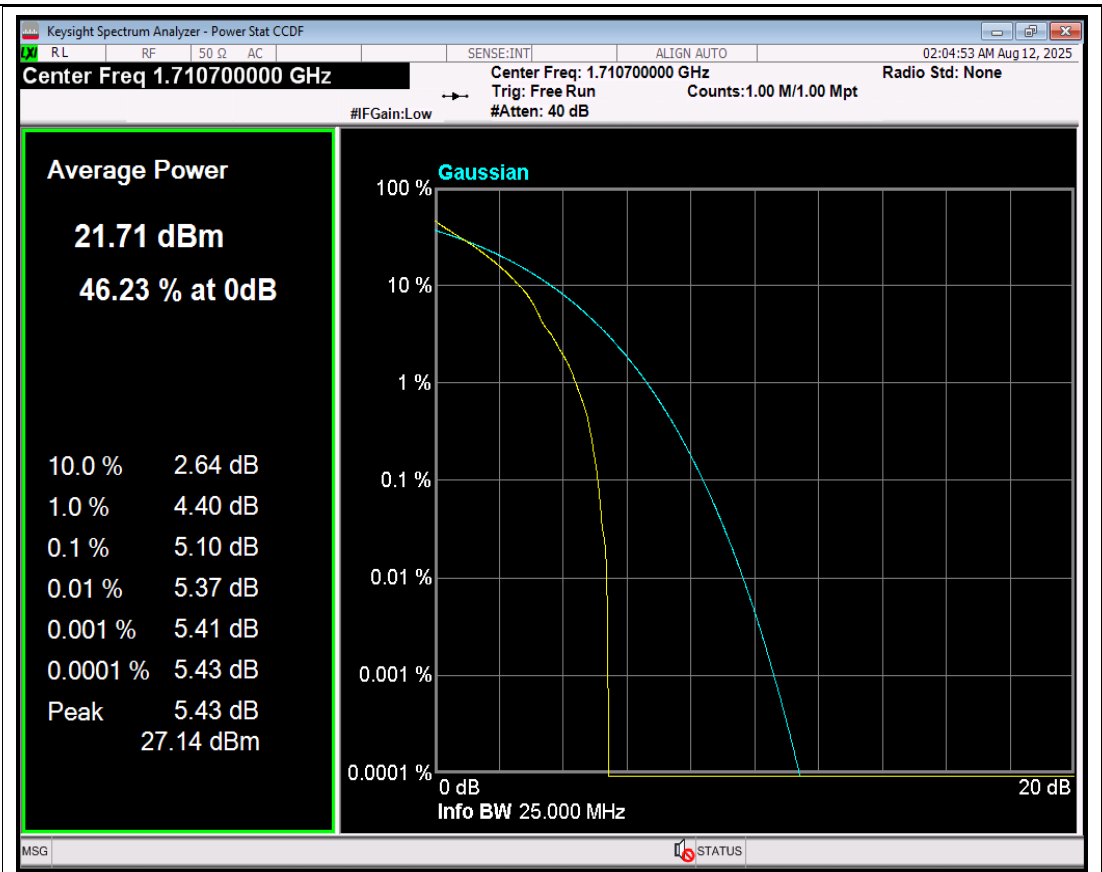
Note: EIRP = Power + Gain

Frequency stability

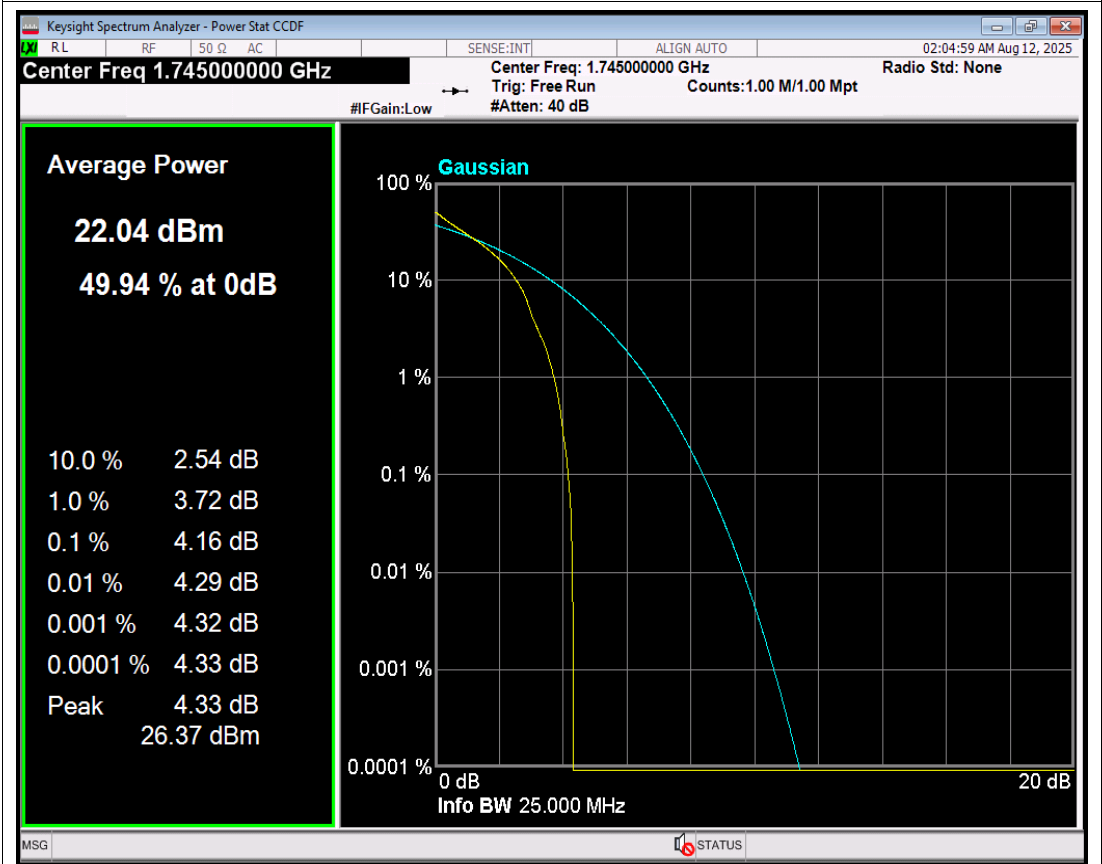
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result(Hz)</i>	<i>Result (ppm)</i>	<i>Low Limit (ppm)</i>	<i>high Limit (ppm)</i>	<i>Verdict</i>
Band66	20	132072	100	#0	QPSK	-2.62	-0.002	-2.5	2.5	PASS
Band66	20	132322	100	#0	QPSK	-1.22	-0.001	-2.5	2.5	PASS
Band66	20	132572	100	#0	QPSK	-3.91	-0.002	-2.5	2.5	PASS

Peak-to-Average Ratio

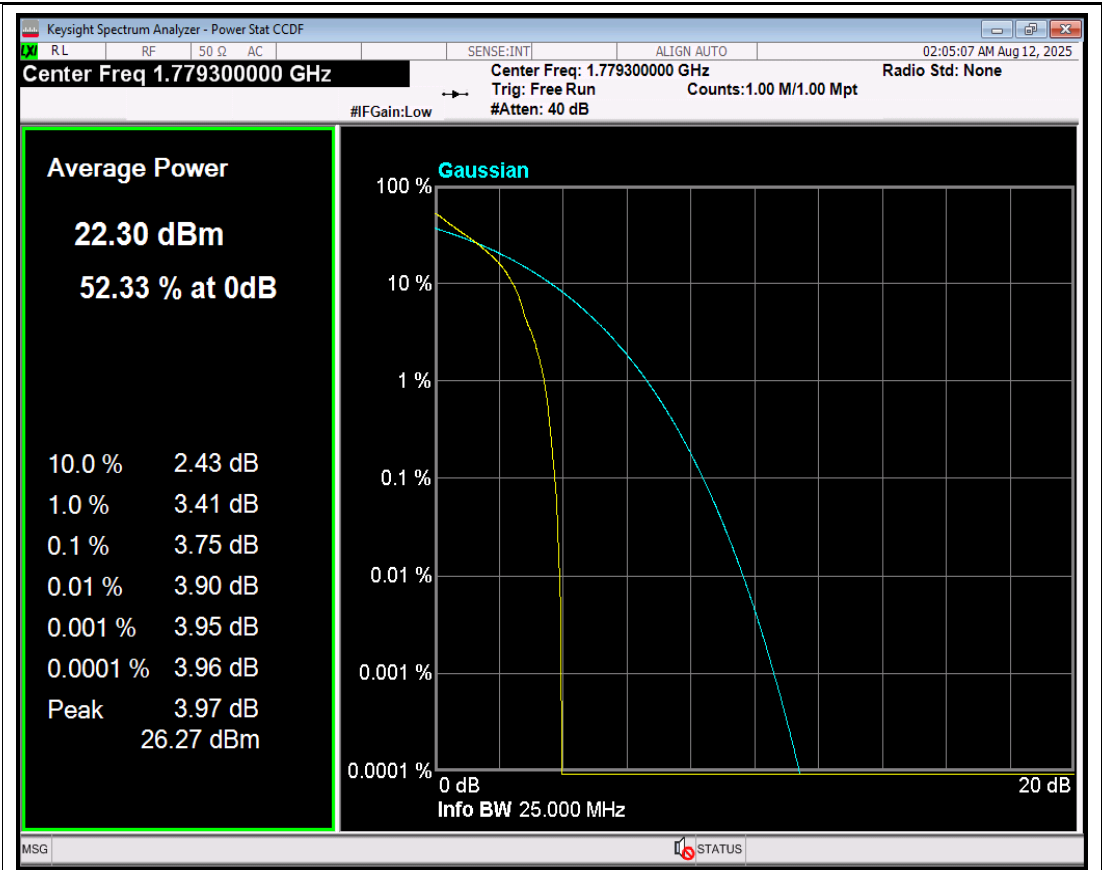
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band66	1.4	131979	1	#0	QPSK	5.1	13	PASS
Band66	1.4	132322	1	#0	QPSK	4.16	13	PASS
Band66	1.4	132665	1	#0	QPSK	3.75	13	PASS
Band66	1.4	131979	1	#0	16QAM	5.78	13	PASS
Band66	1.4	132322	1	#0	16QAM	6.15	13	PASS
Band66	1.4	132665	1	#0	16QAM	5.54	13	PASS
Band66	3	131987	1	#0	QPSK	5.28	13	PASS
Band66	3	132322	1	#0	QPSK	4.1	13	PASS
Band66	3	132657	1	#0	QPSK	3.84	13	PASS
Band66	3	131987	1	#0	16QAM	5.94	13	PASS
Band66	3	132322	1	#0	16QAM	5.99	13	PASS
Band66	3	132657	1	#0	16QAM	5.57	13	PASS
Band66	5	131997	1	#0	QPSK	5.38	13	PASS
Band66	5	132322	1	#0	QPSK	3.75	13	PASS
Band66	5	132647	1	#0	QPSK	3.98	13	PASS
Band66	5	131997	1	#0	16QAM	5.71	13	PASS
Band66	5	132322	1	#0	16QAM	5.92	13	PASS
Band66	5	132647	1	#0	16QAM	5.18	13	PASS
Band66	10	132022	1	#0	QPSK	5.07	13	PASS
Band66	10	132322	1	#0	QPSK	3.6	13	PASS
Band66	10	132622	1	#0	QPSK	4.42	13	PASS
Band66	10	132022	1	#0	16QAM	5.58	13	PASS
Band66	10	132322	1	#0	16QAM	5.48	13	PASS
Band66	10	132622	1	#0	16QAM	5.33	13	PASS
Band66	15	132047	1	#0	QPSK	5.16	13	PASS
Band66	15	132322	1	#0	QPSK	3.46	13	PASS
Band66	15	132597	1	#0	QPSK	5.04	13	PASS
Band66	15	132047	1	#0	16QAM	5.69	13	PASS
Band66	15	132322	1	#0	16QAM	5.82	13	PASS
Band66	15	132597	1	#0	16QAM	5.97	13	PASS
Band66	20	132072	1	#0	QPSK	5.07	13	PASS
Band66	20	132322	1	#0	QPSK	3.48	13	PASS
Band66	20	132572	1	#0	QPSK	5.18	13	PASS
Band66	20	132072	1	#0	16QAM	5.5	13	PASS
Band66	20	132322	1	#0	16QAM	5.43	13	PASS
Band66	20	132572	1	#0	16QAM	5.99	13	PASS



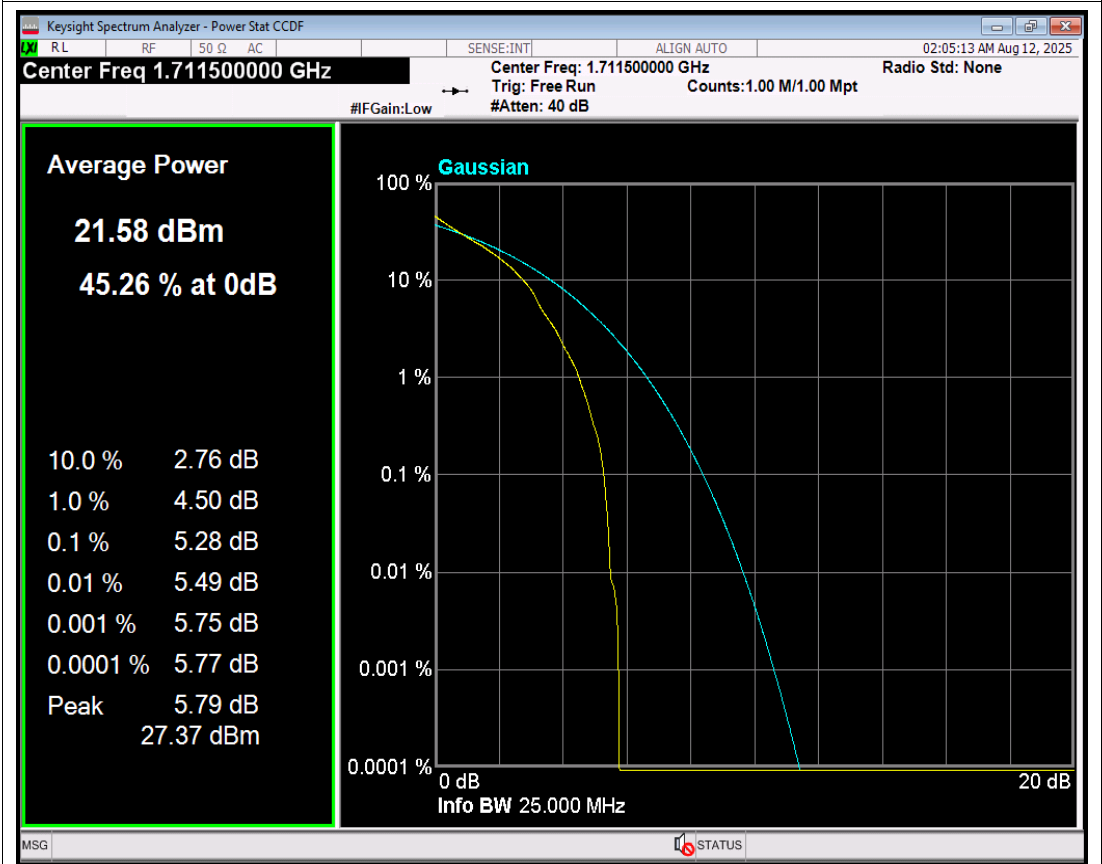
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#0



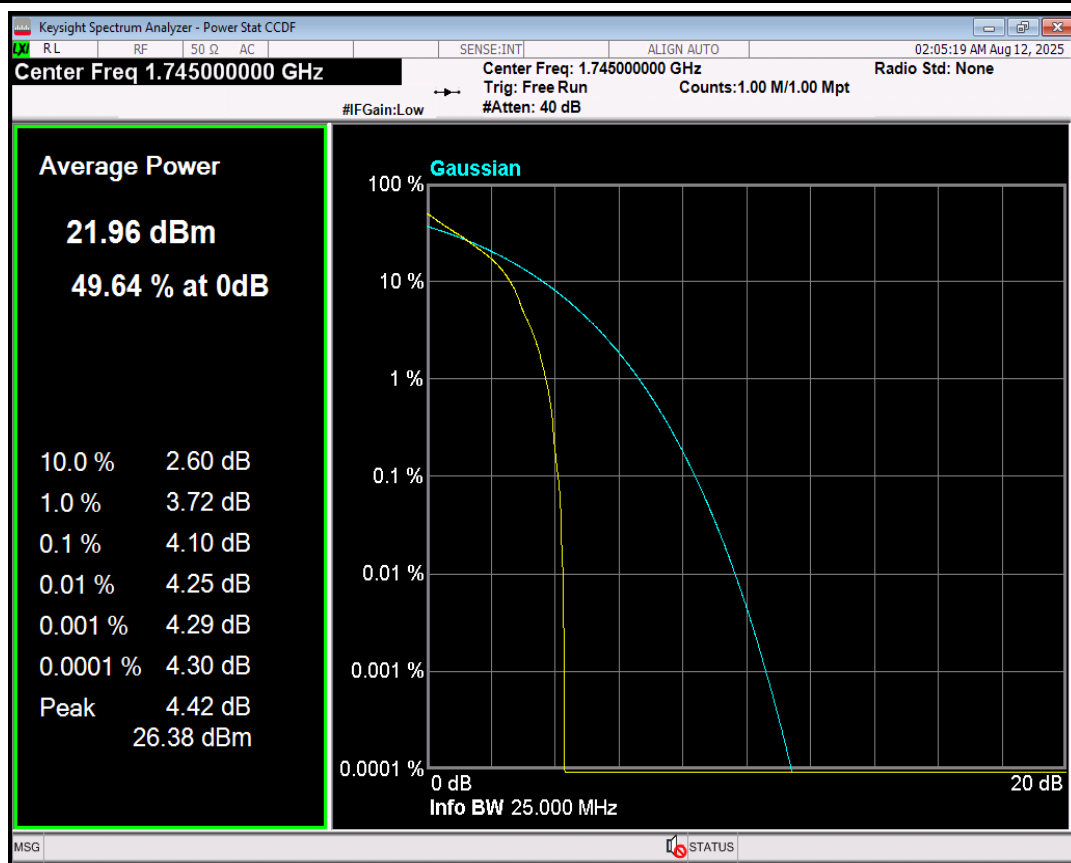
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0



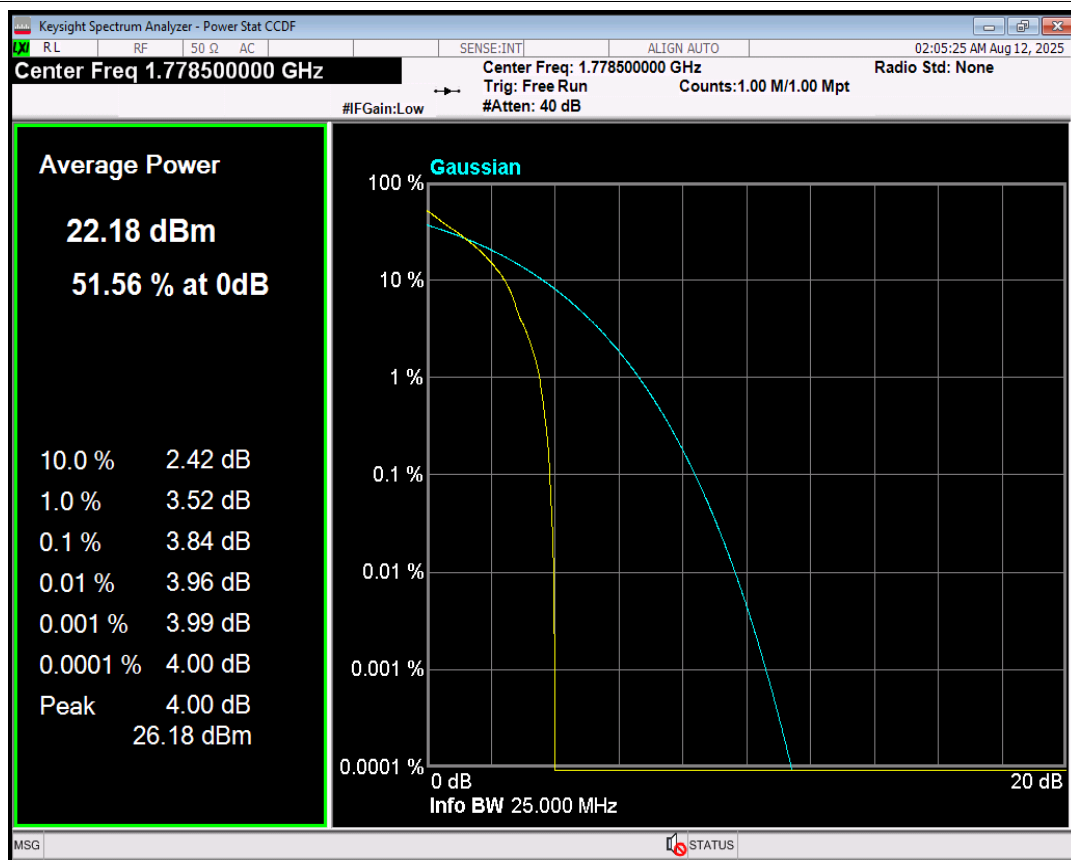
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#0



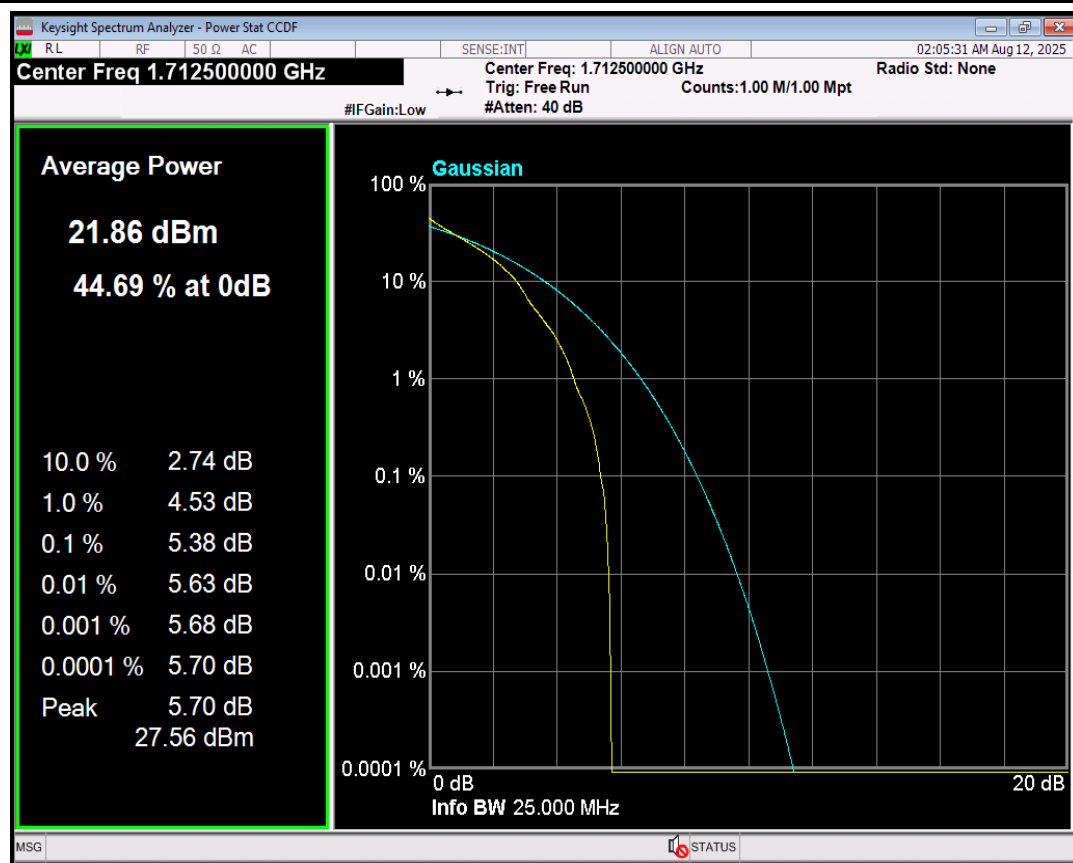
Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0



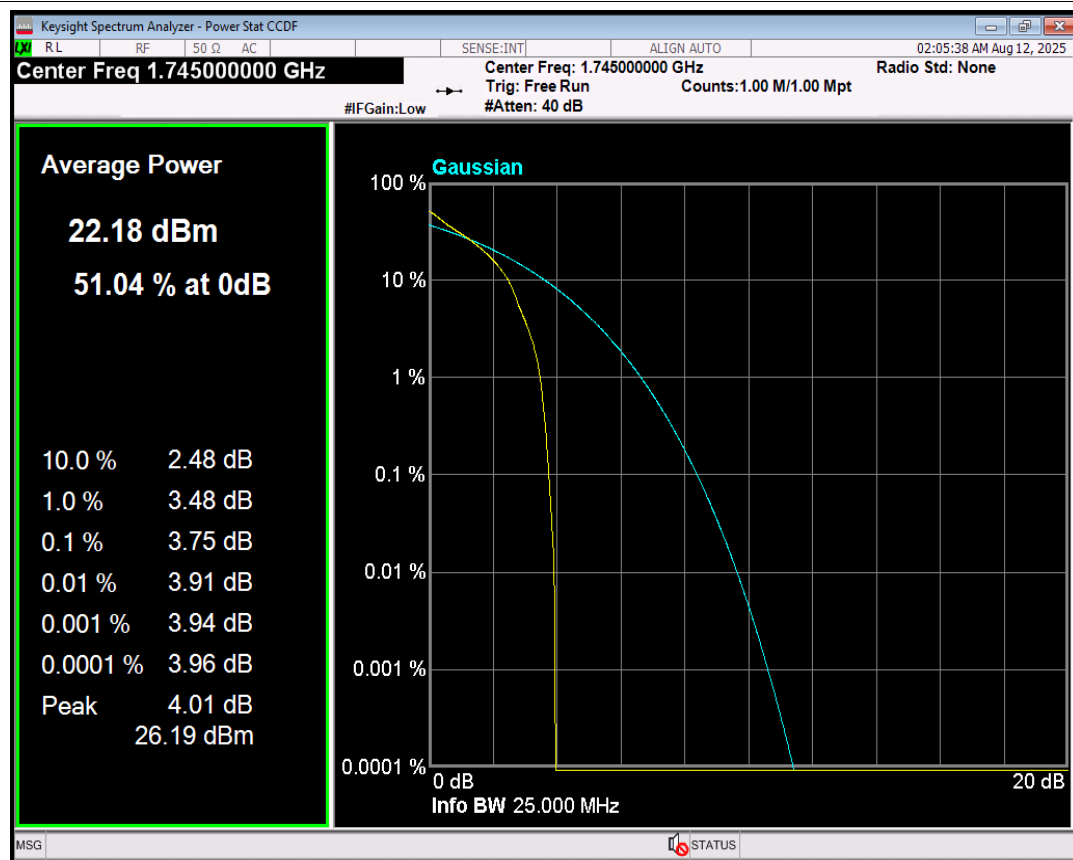
Band66 QPSK BW=3MHz Channel=132322 RB Size=1 Position=#0



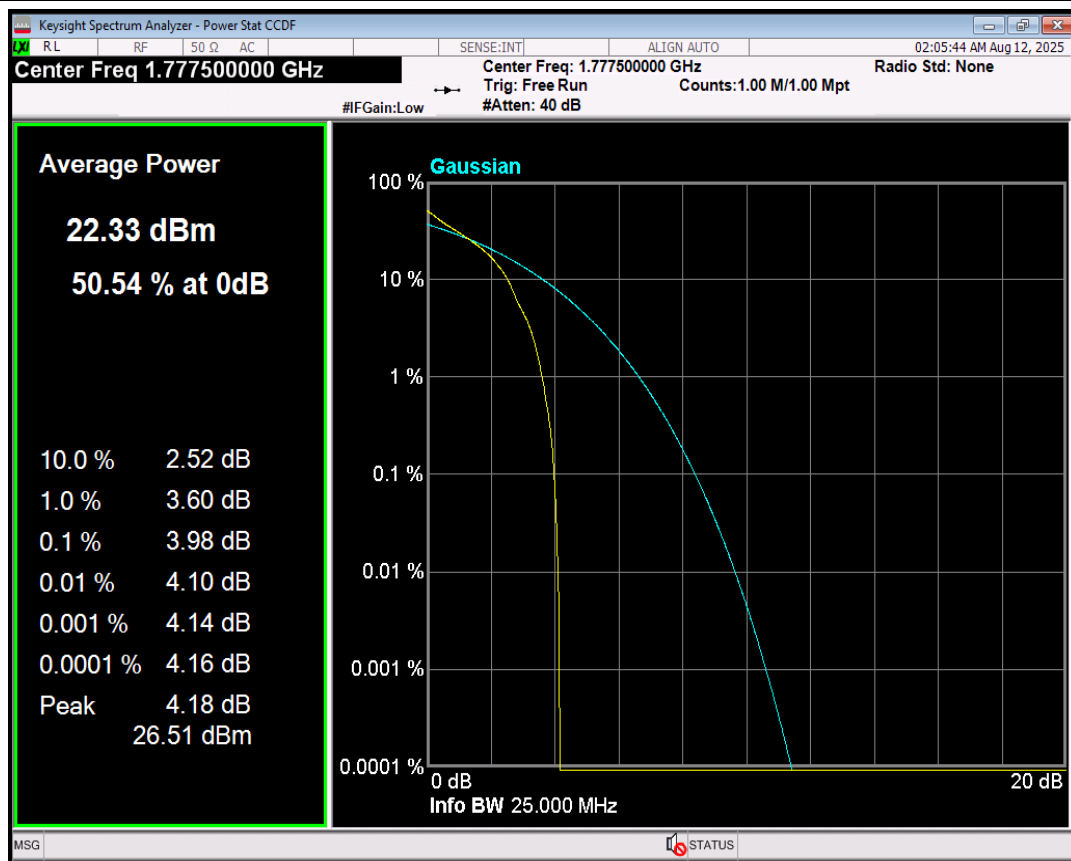
Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#0



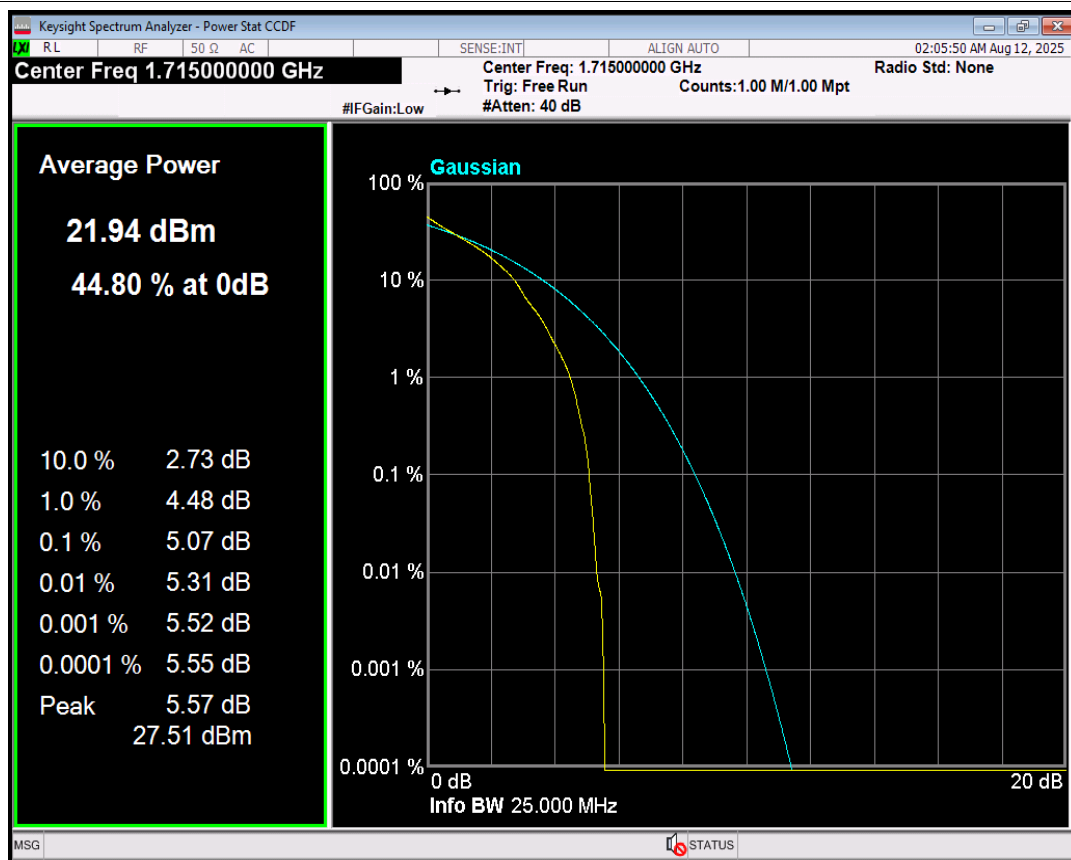
Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0



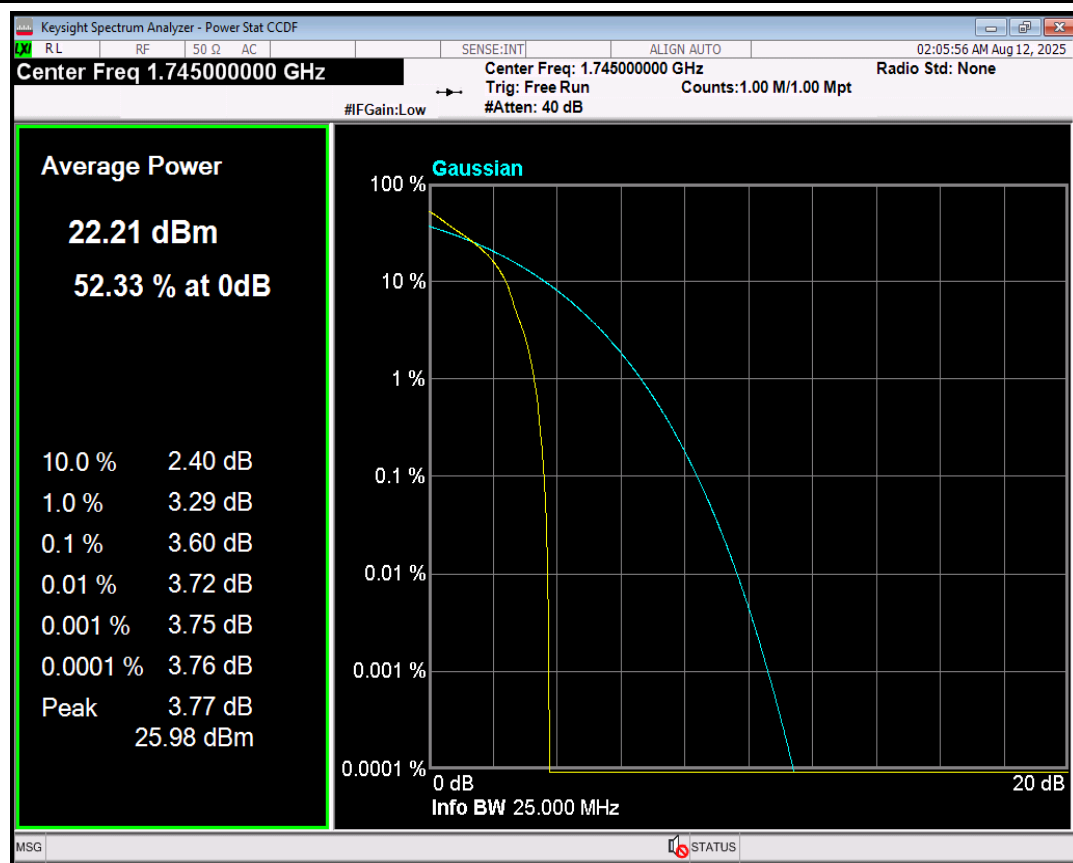
Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0



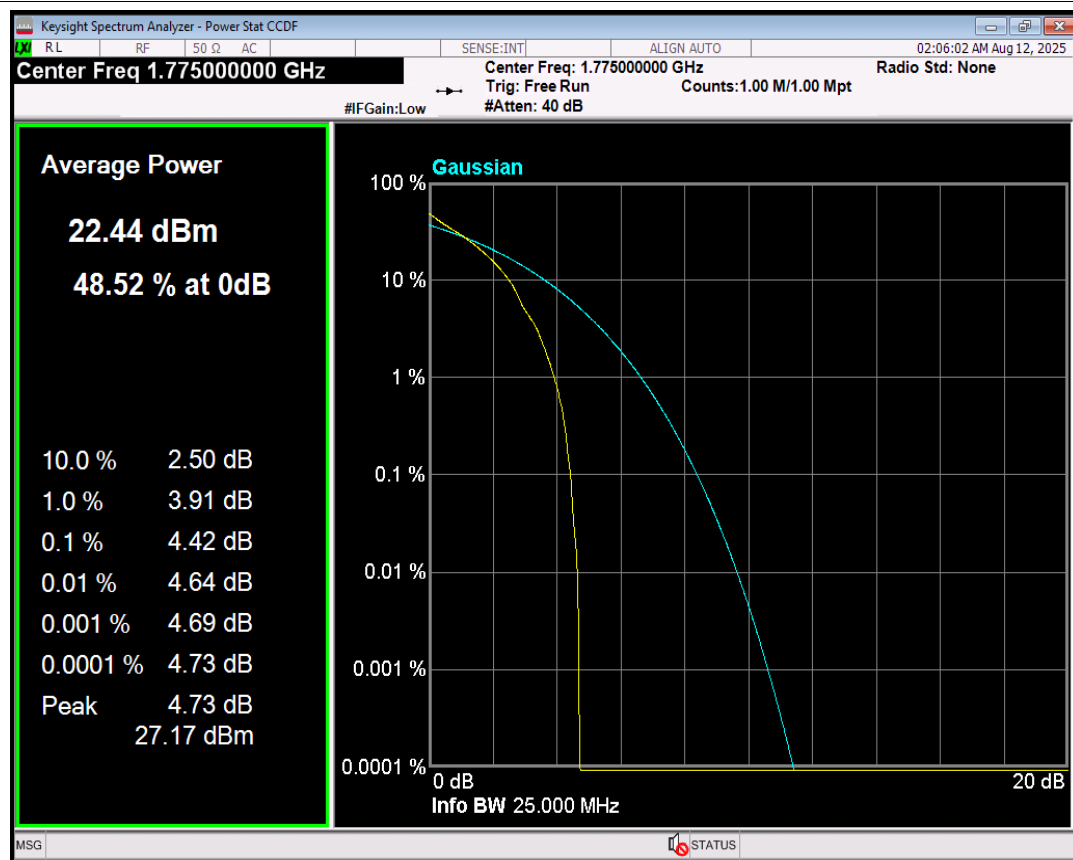
Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#0



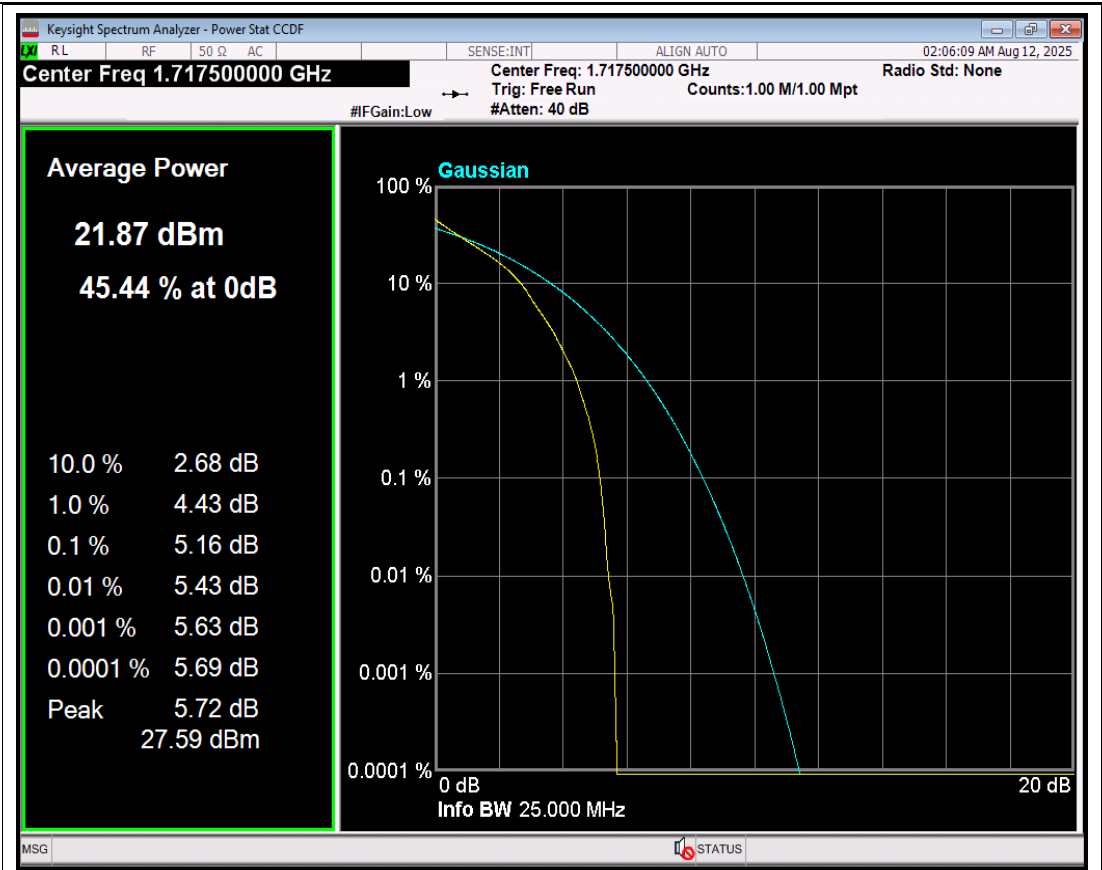
Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0



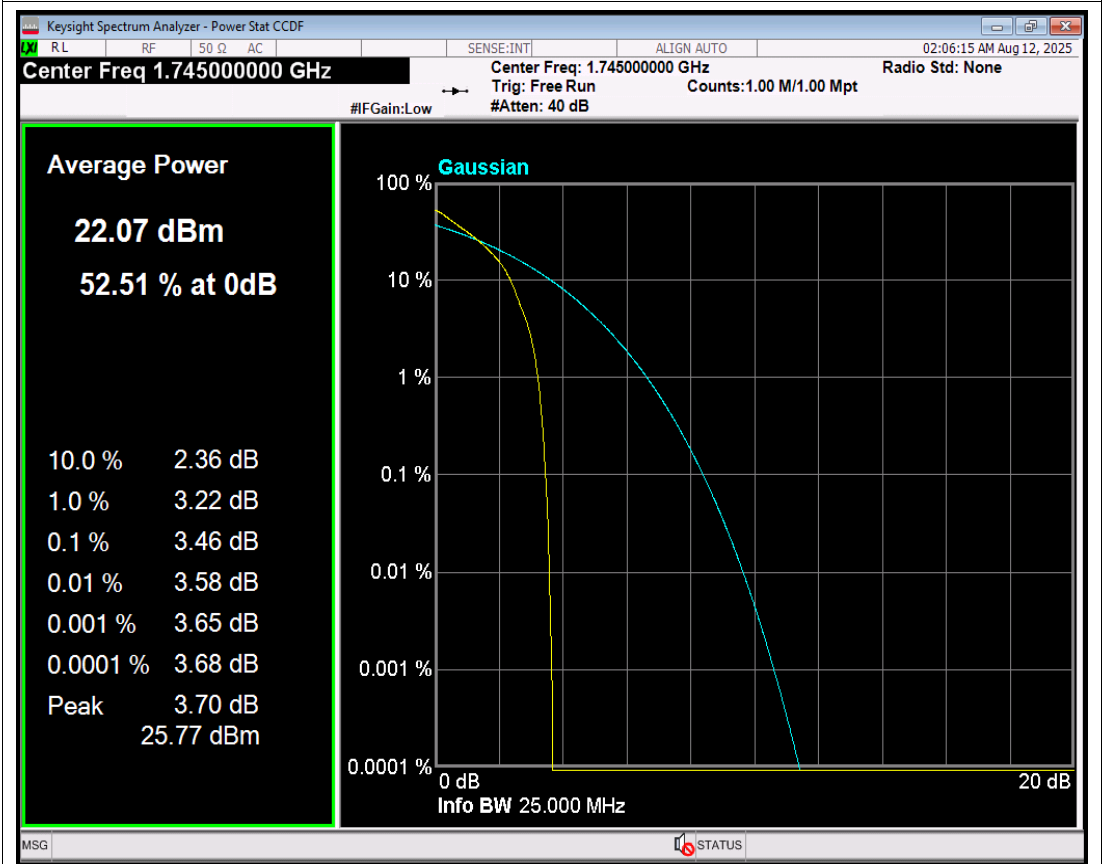
Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0



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



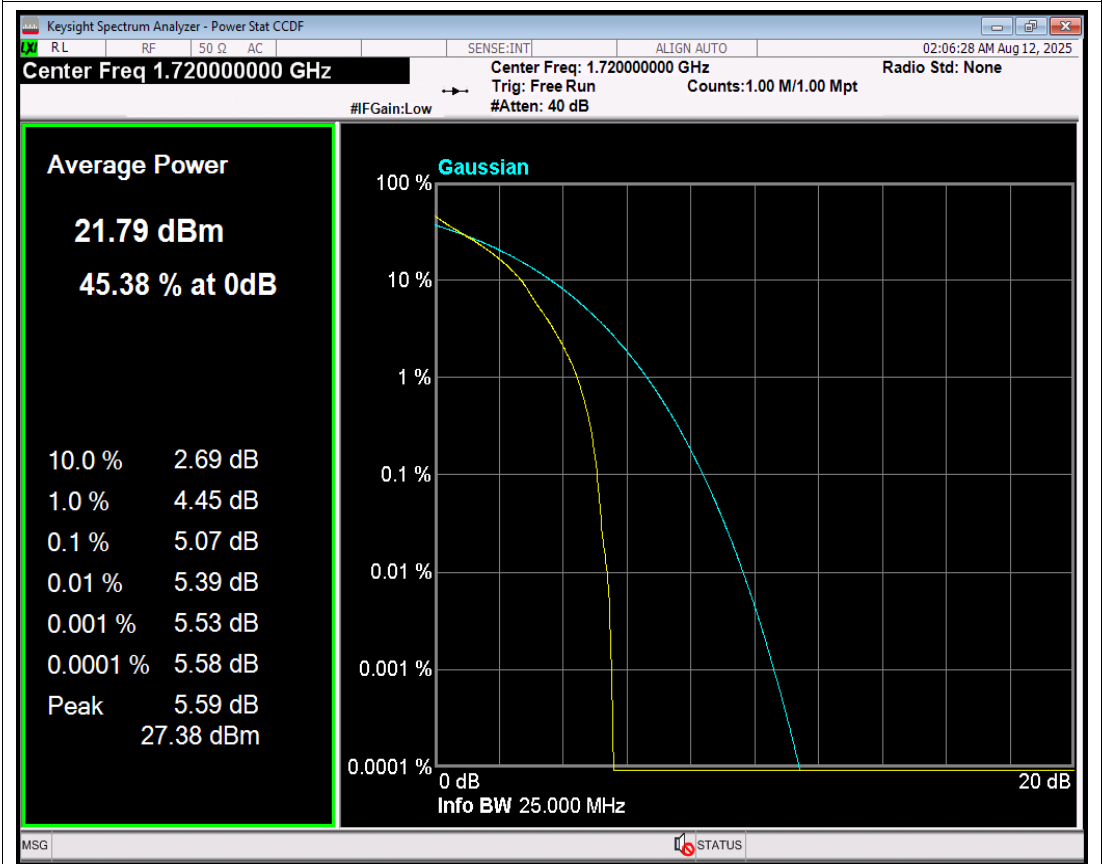
Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0



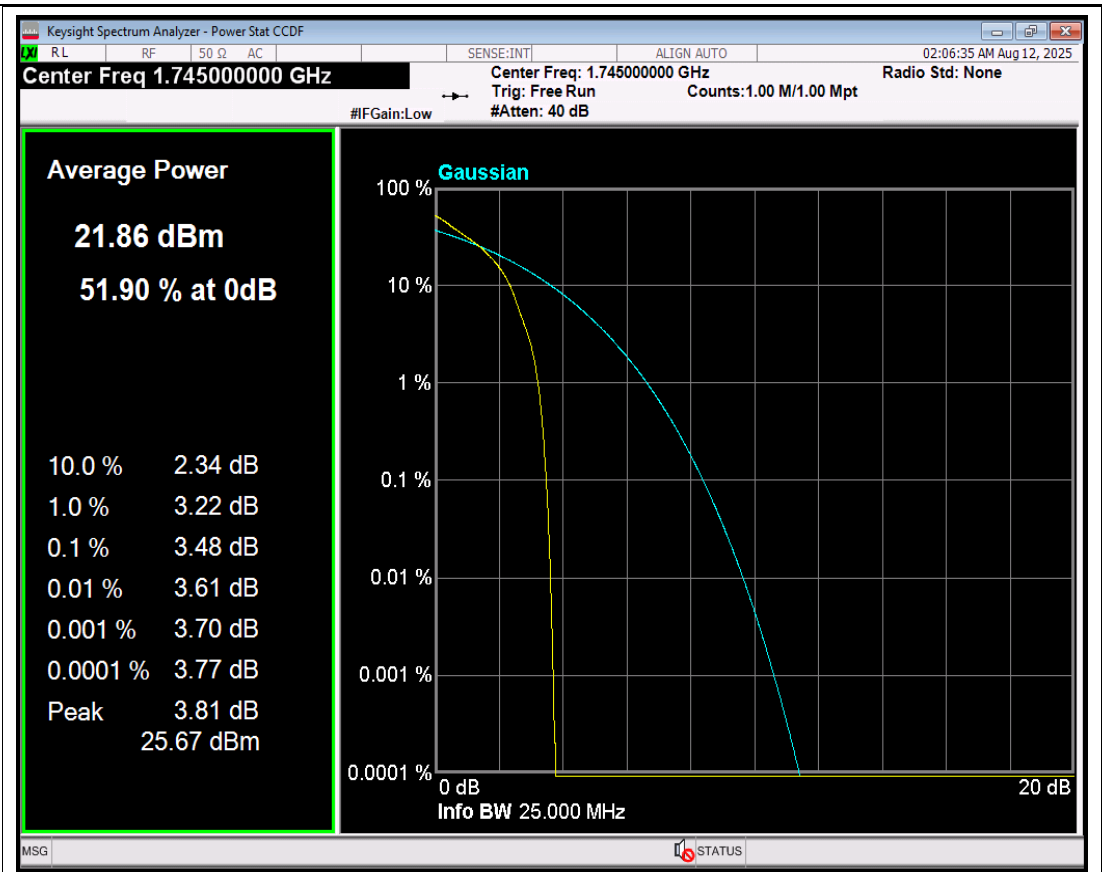
Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0



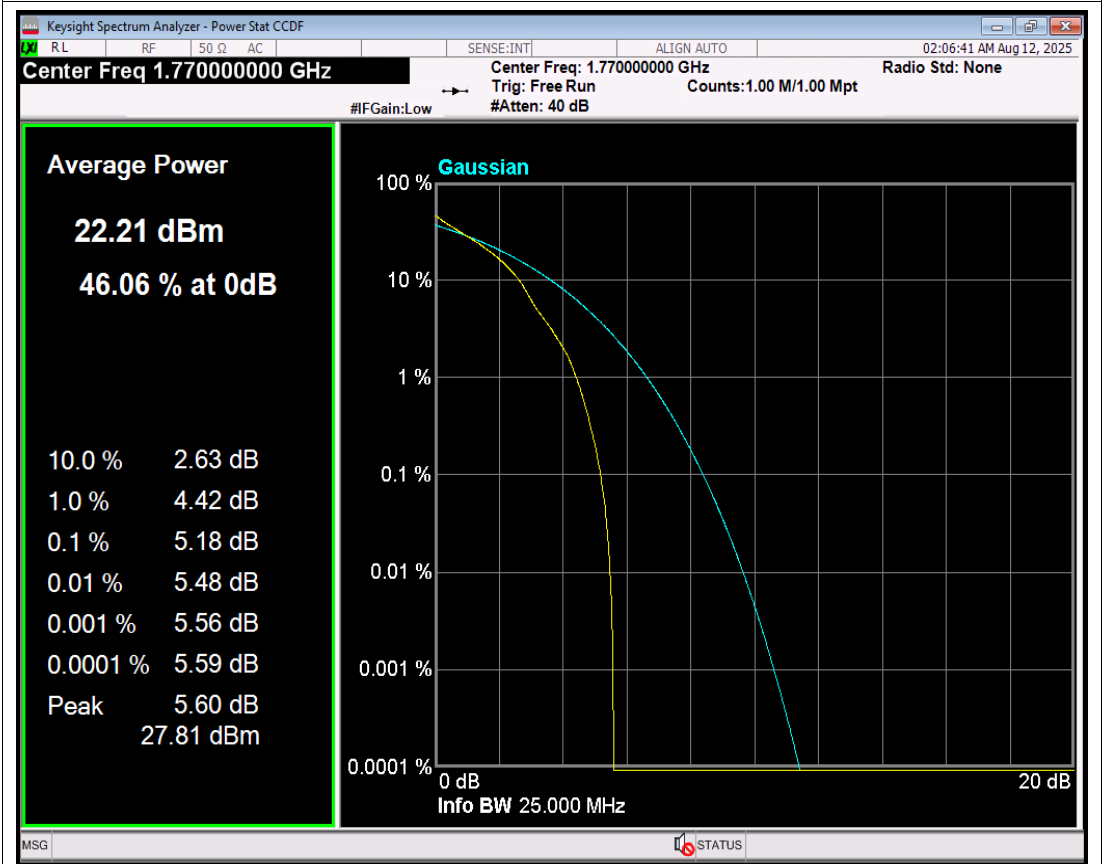
Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0



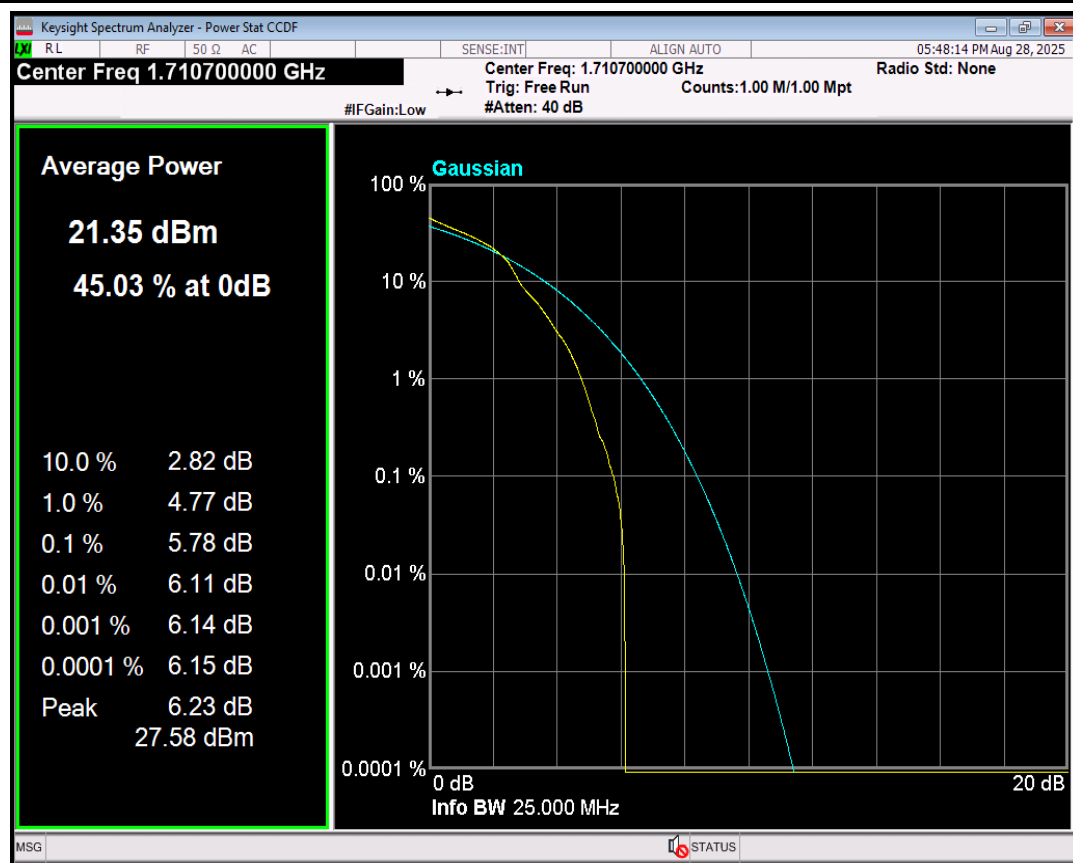
Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0



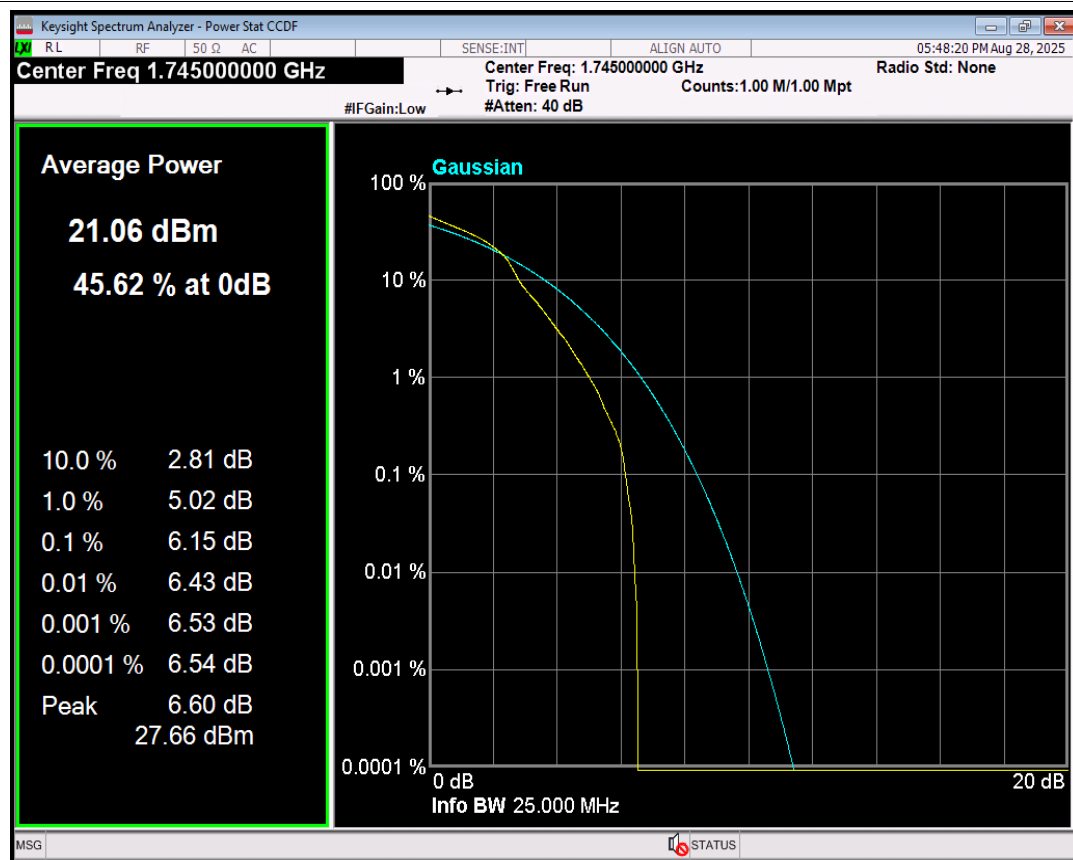
Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0



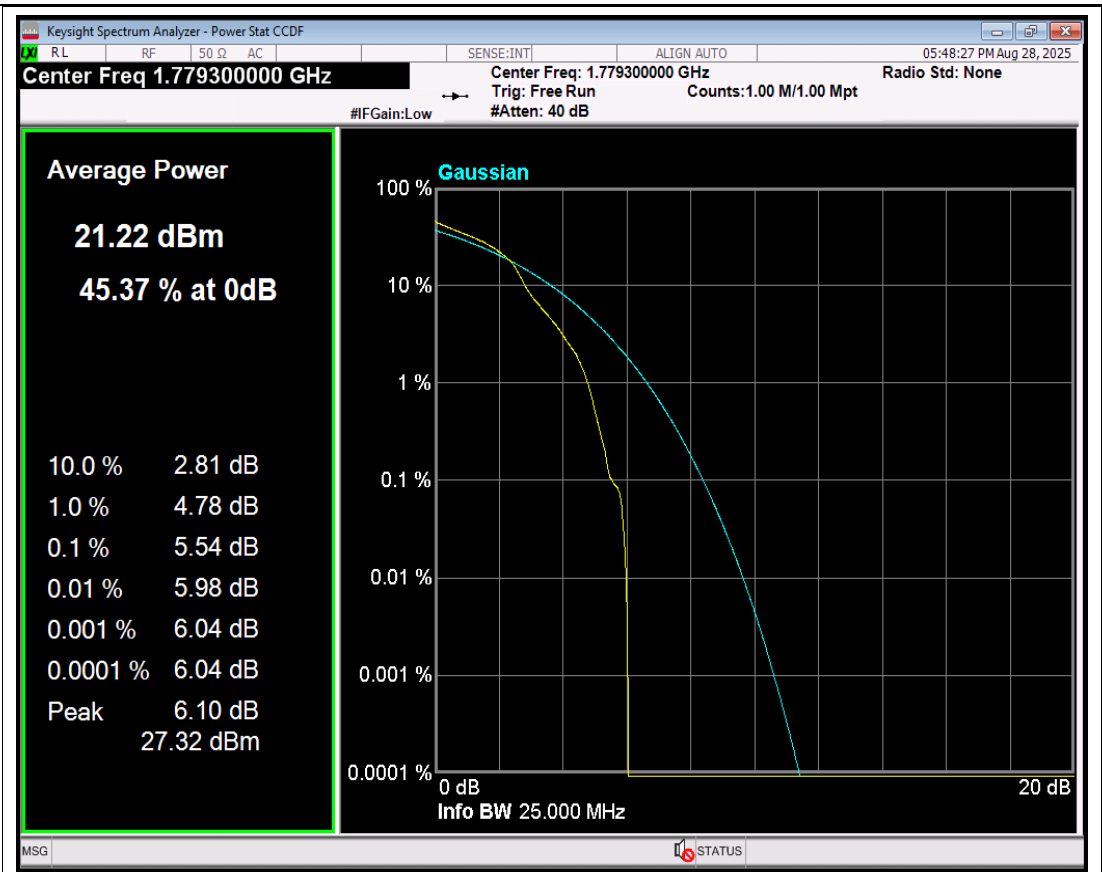
Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0



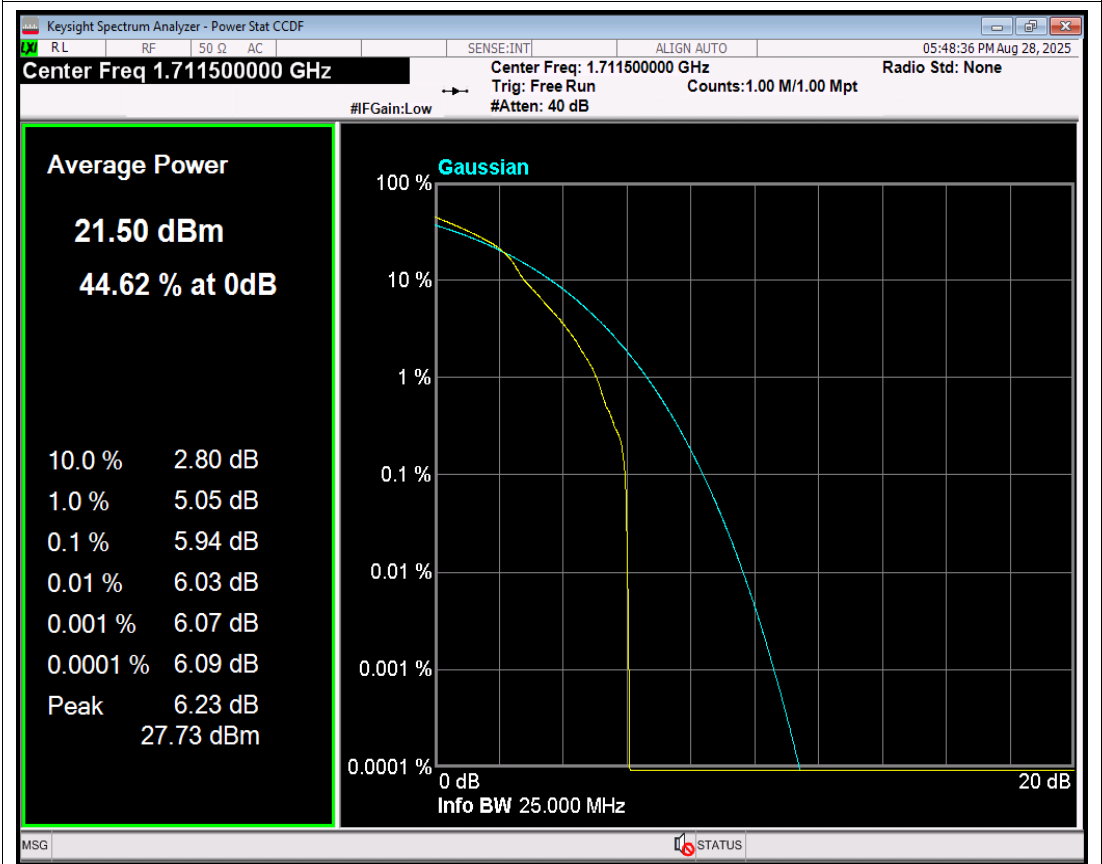
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=1 Position=#0



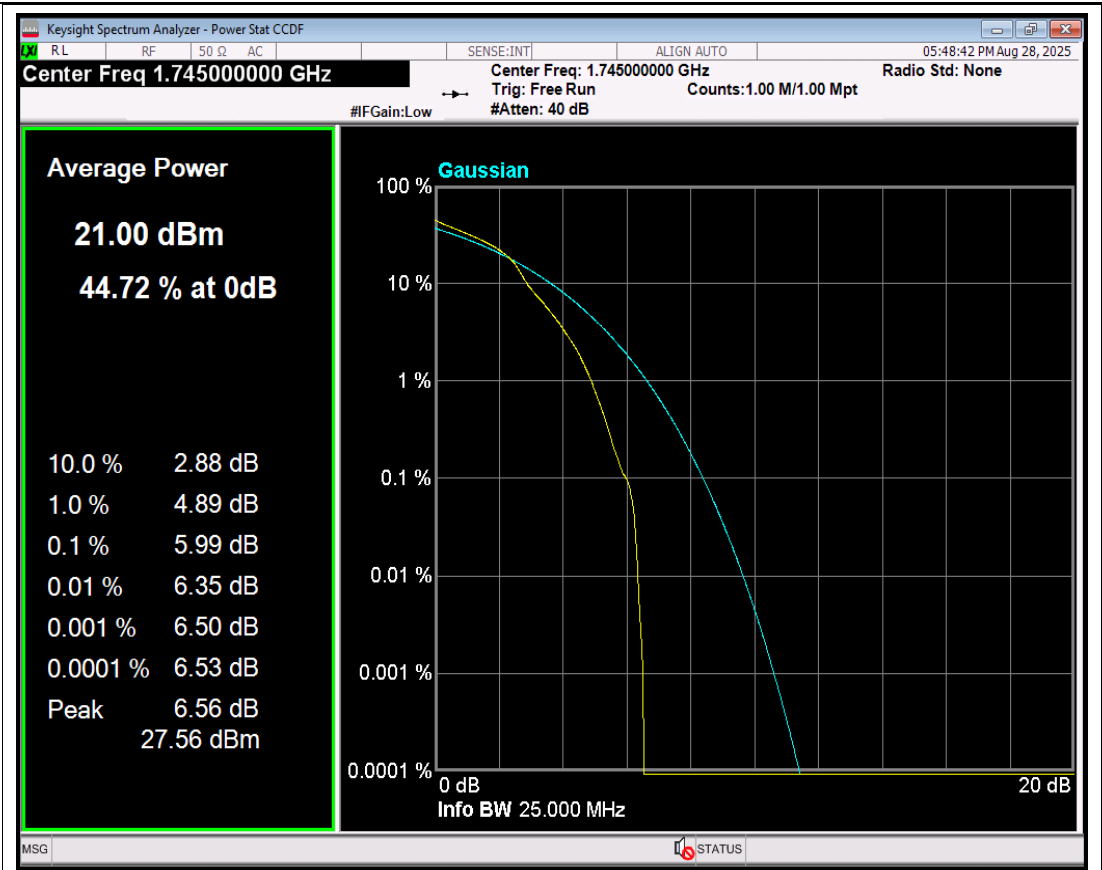
Band66 16QAM BW=1.4MHz Channel=132322 RB Size=1 Position=#0



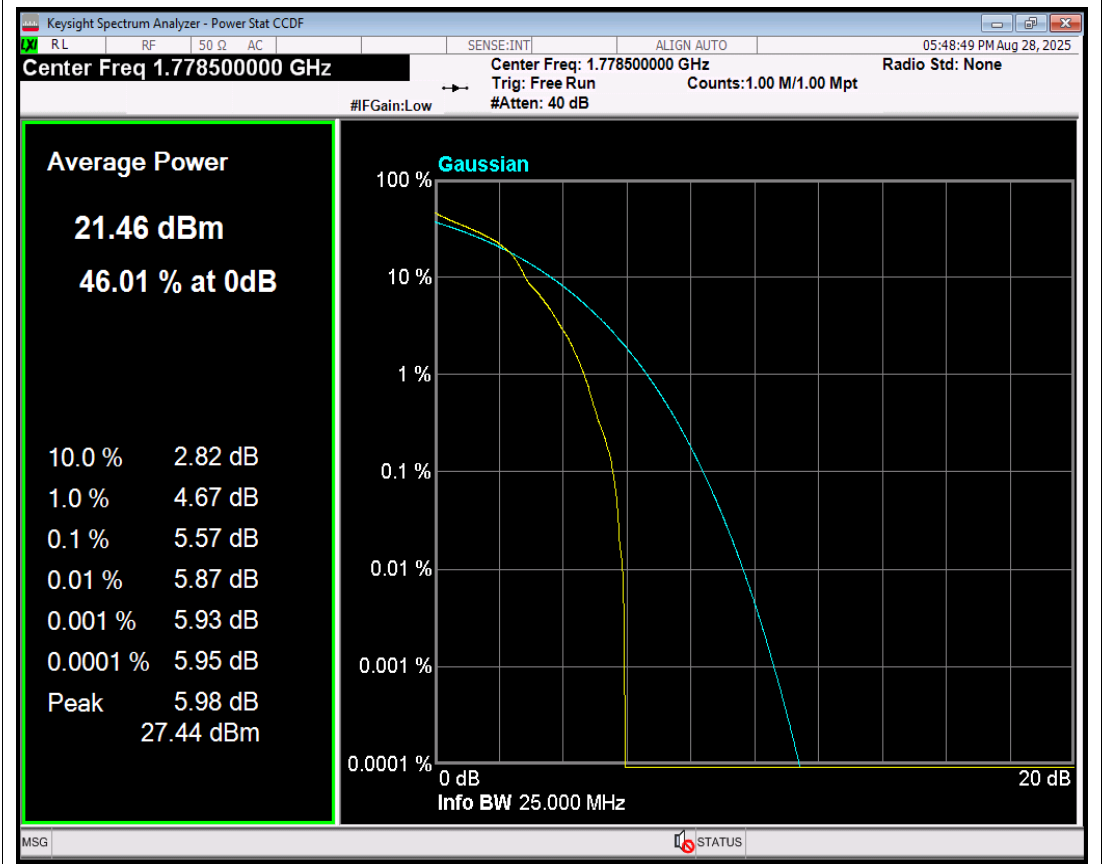
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=1 Position=#0



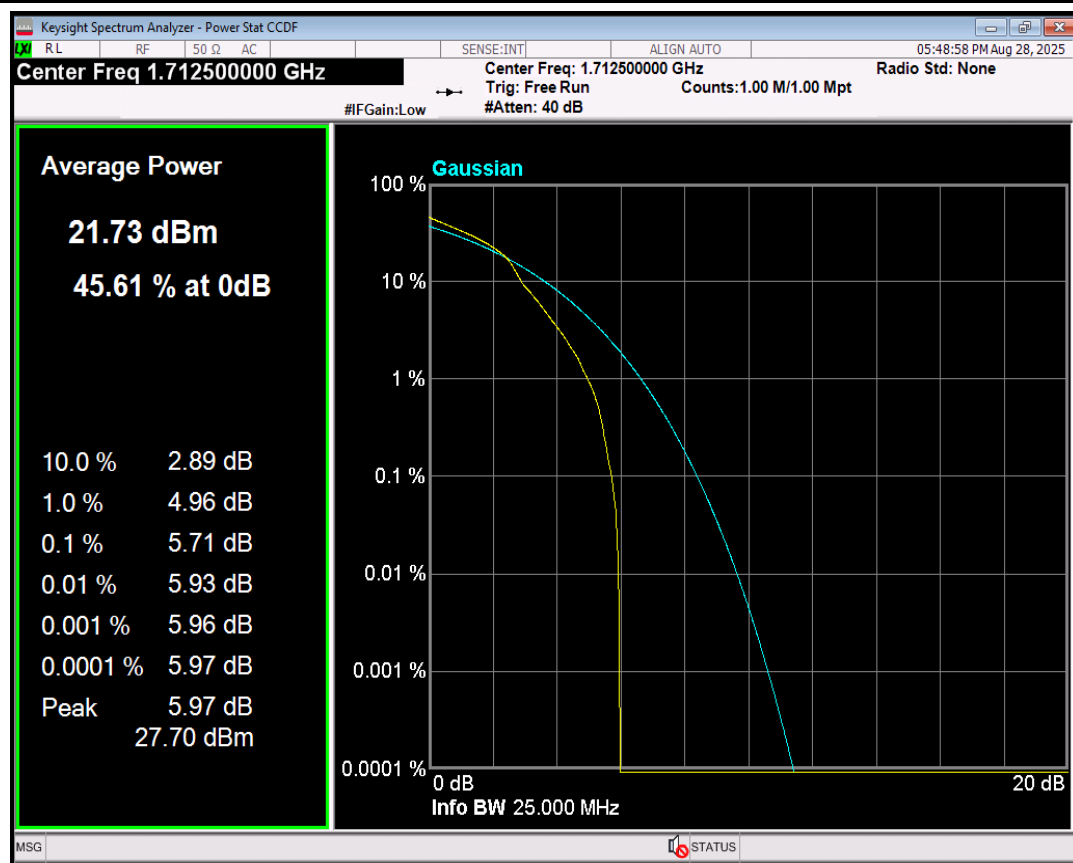
Band66 16QAM BW=3MHz Channel=131987 RB Size=1 Position=#0



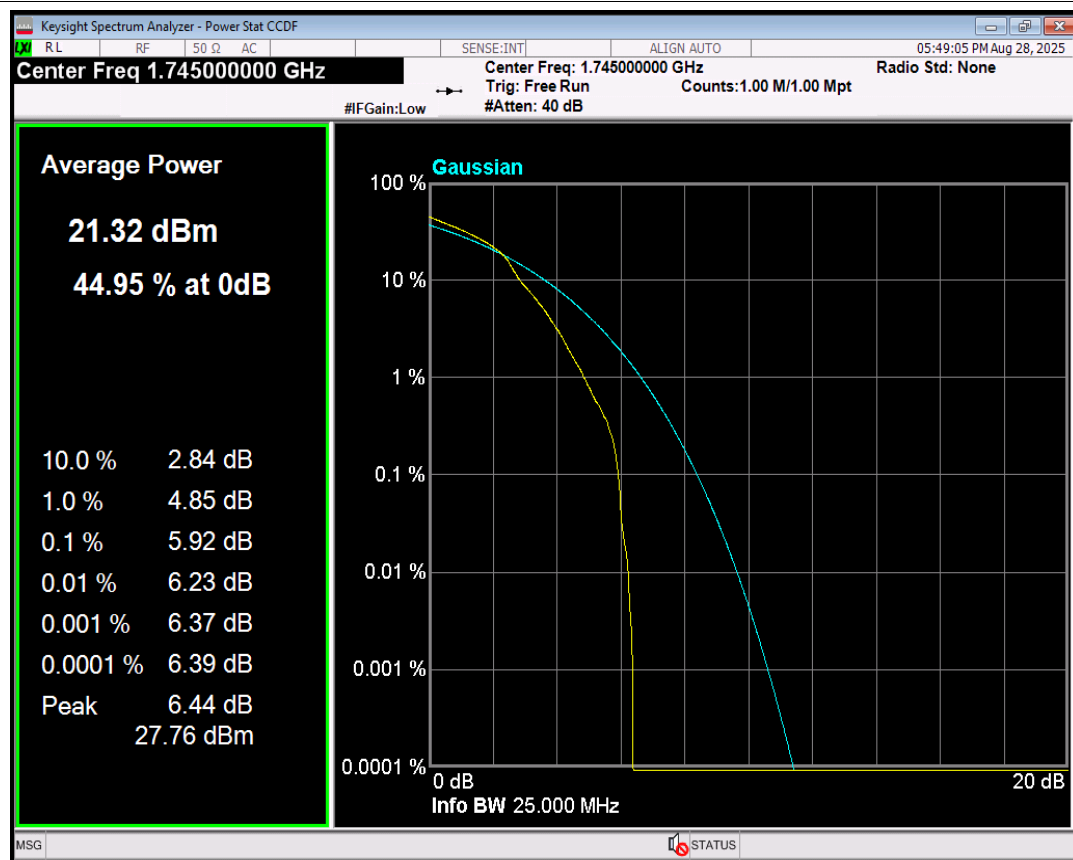
Band66 16QAM BW=3MHz Channel=132322 RB Size=1 Position=#0



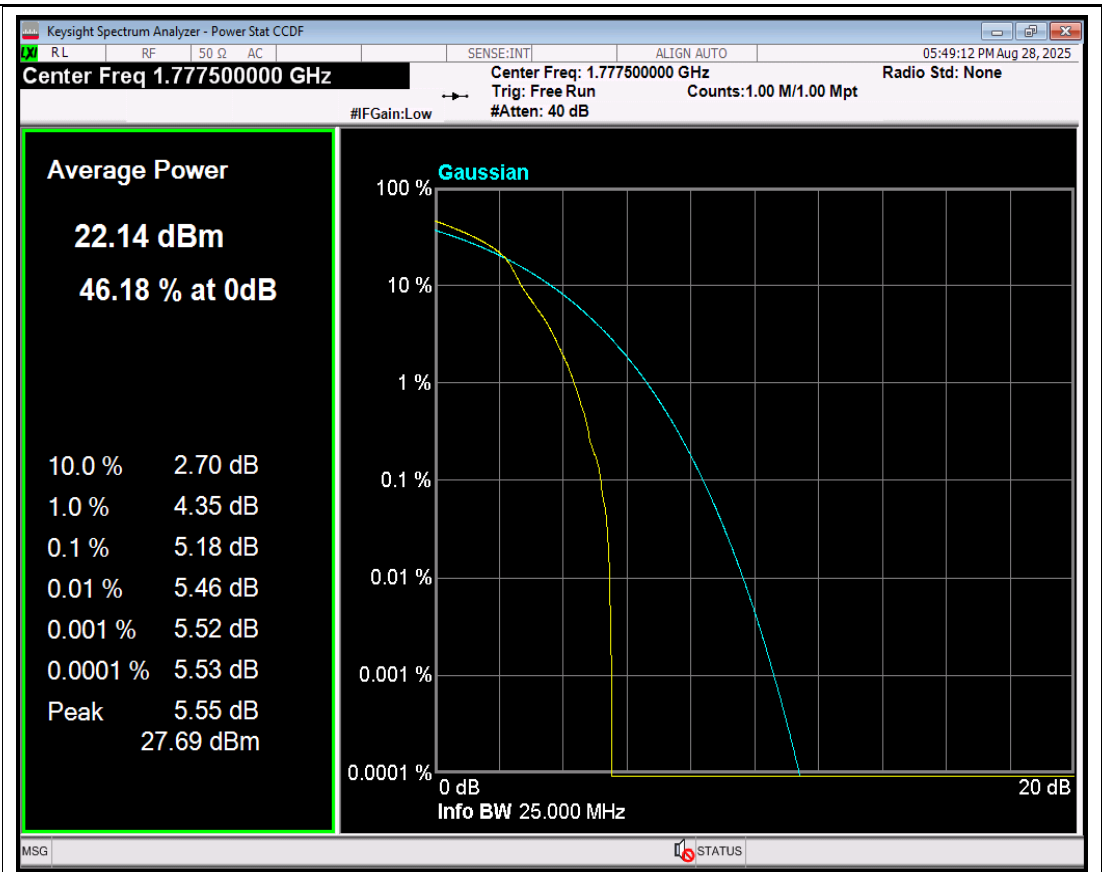
Band66 16QAM BW=3MHz Channel=132657 RB Size=1 Position=#0



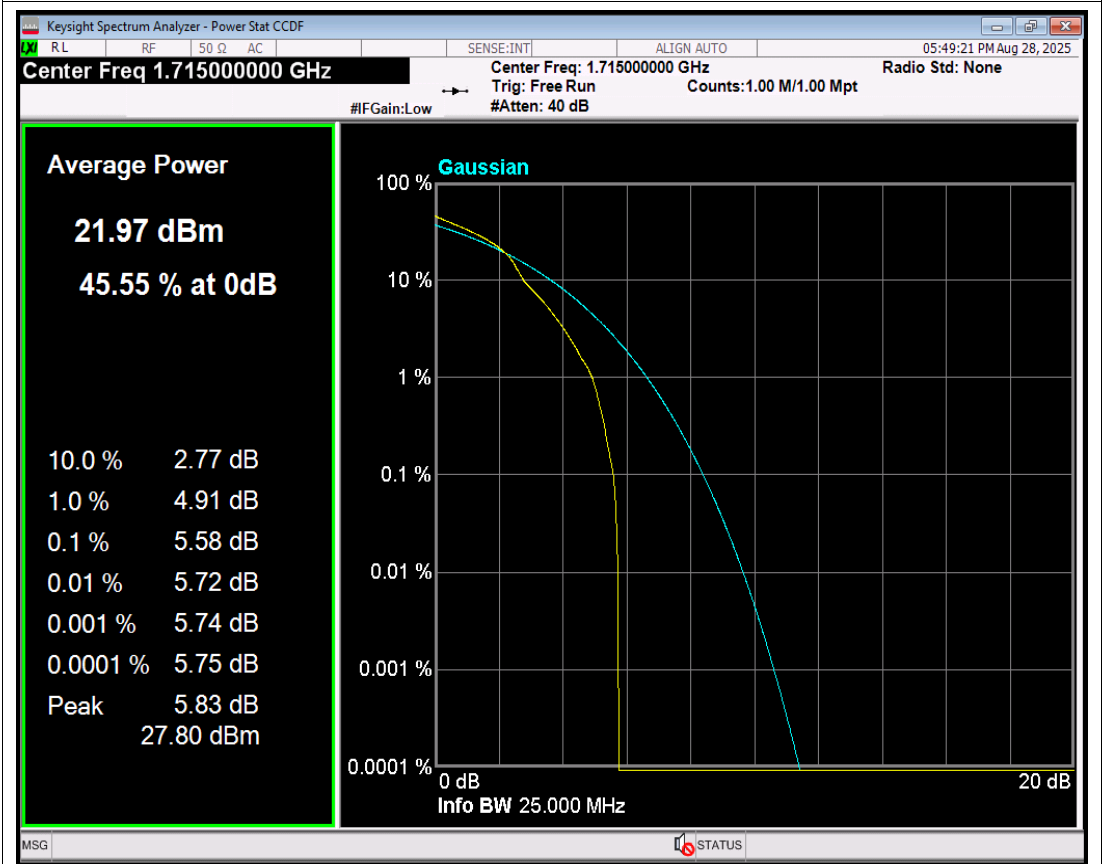
Band66 16QAM BW=5MHz Channel=131997 RB Size=1 Position=#0



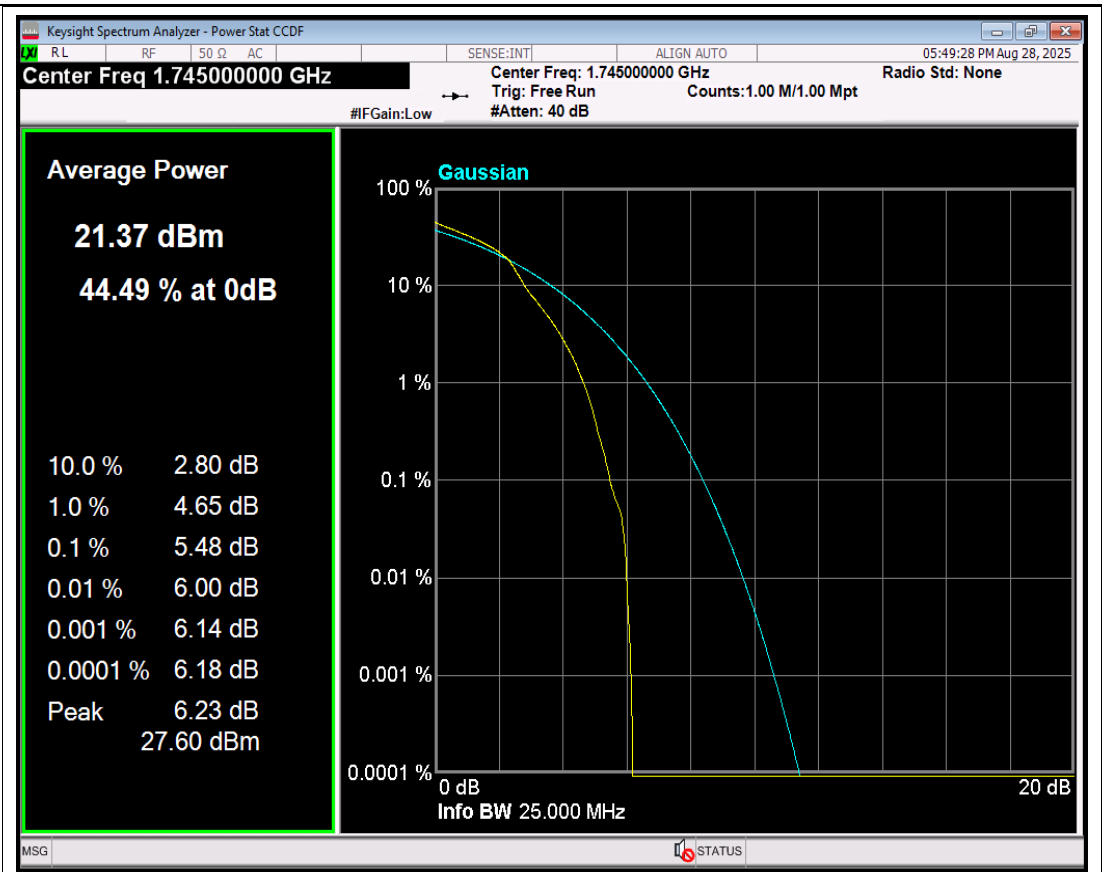
Band66 16QAM BW=5MHz Channel=132322 RB Size=1 Position=#0



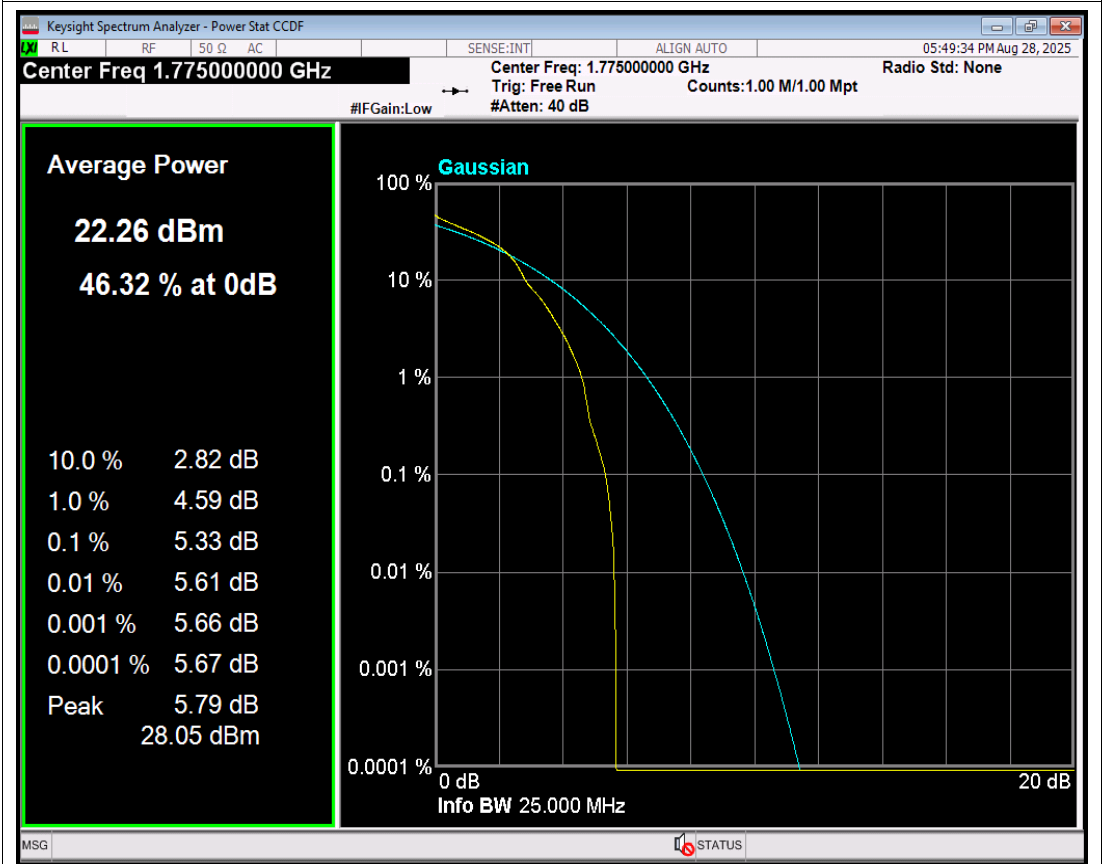
Band66 16QAM BW=5MHz Channel=132647 RB Size=1 Position=#0



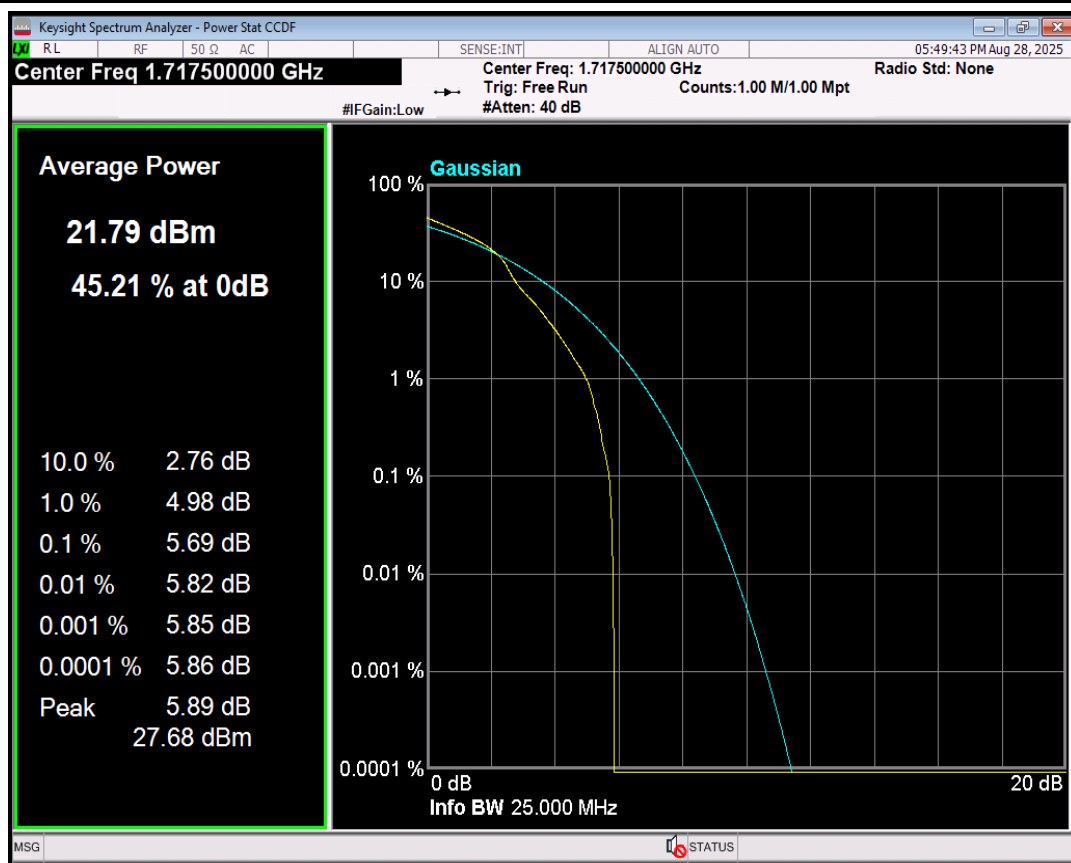
Band66 16QAM BW=10MHz Channel=132022 RB Size=1 Position=#0



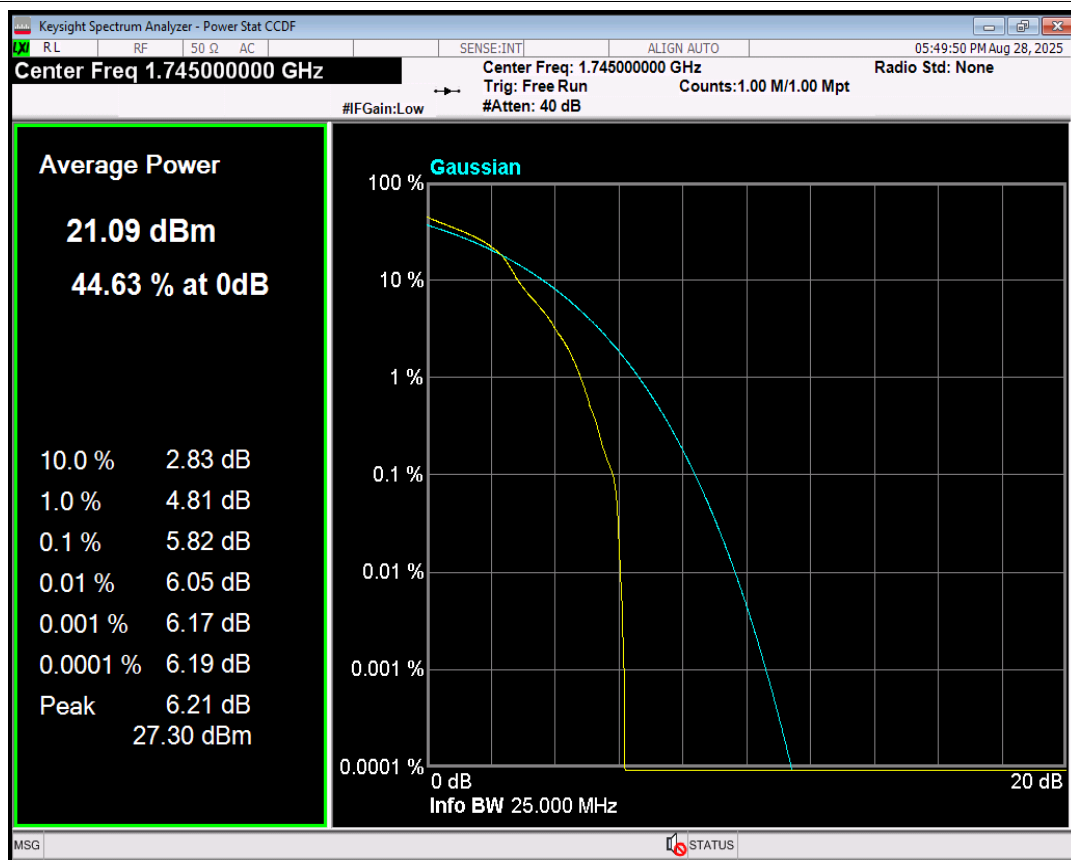
Band66 16QAM BW=10MHz Channel=132322 RB Size=1 Position=#0



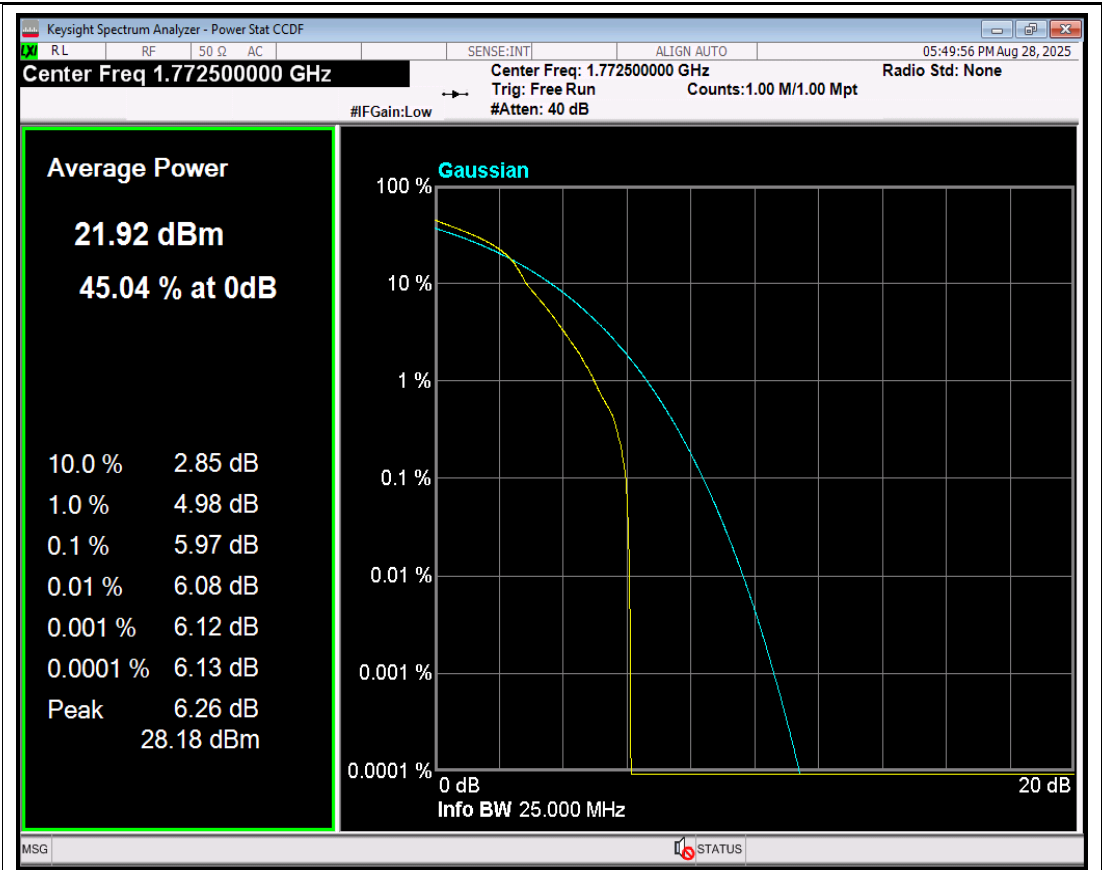
Band66 16QAM BW=10MHz Channel=132622 RB Size=1 Position=#0



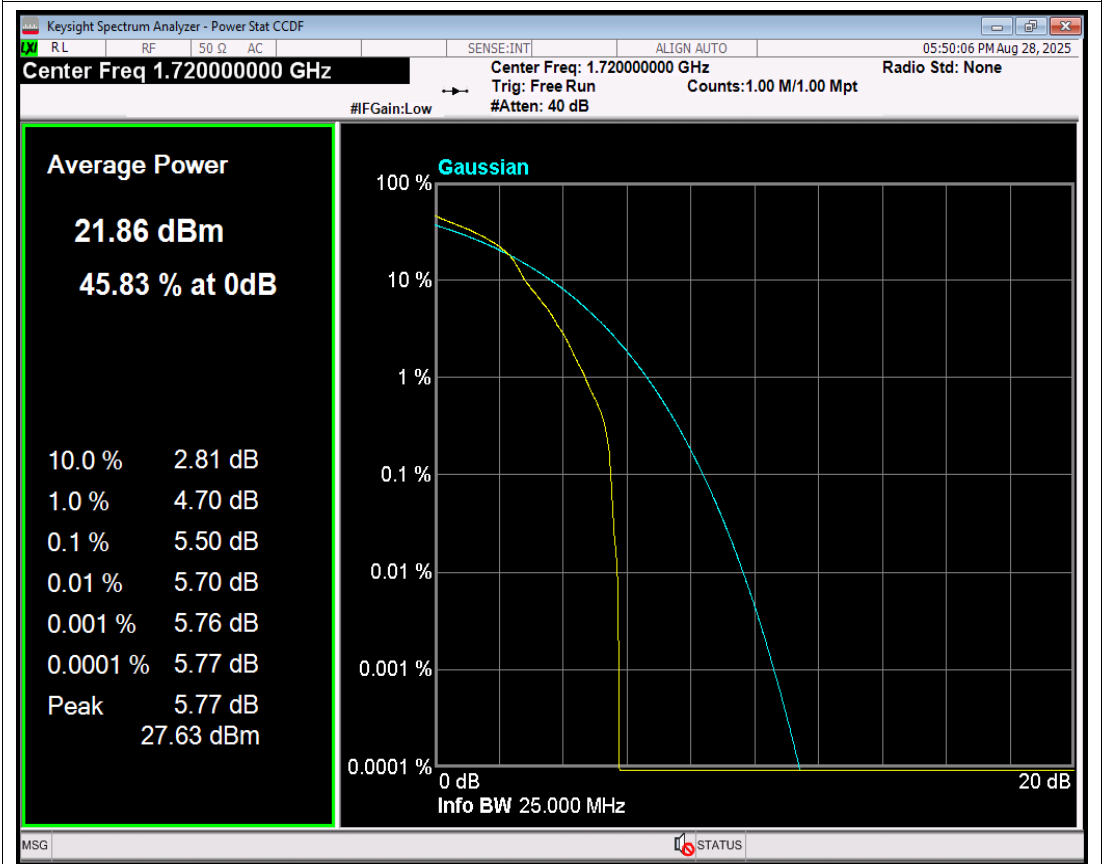
Band66 16QAM BW=15MHz Channel=132047 RB Size=1 Position=#0



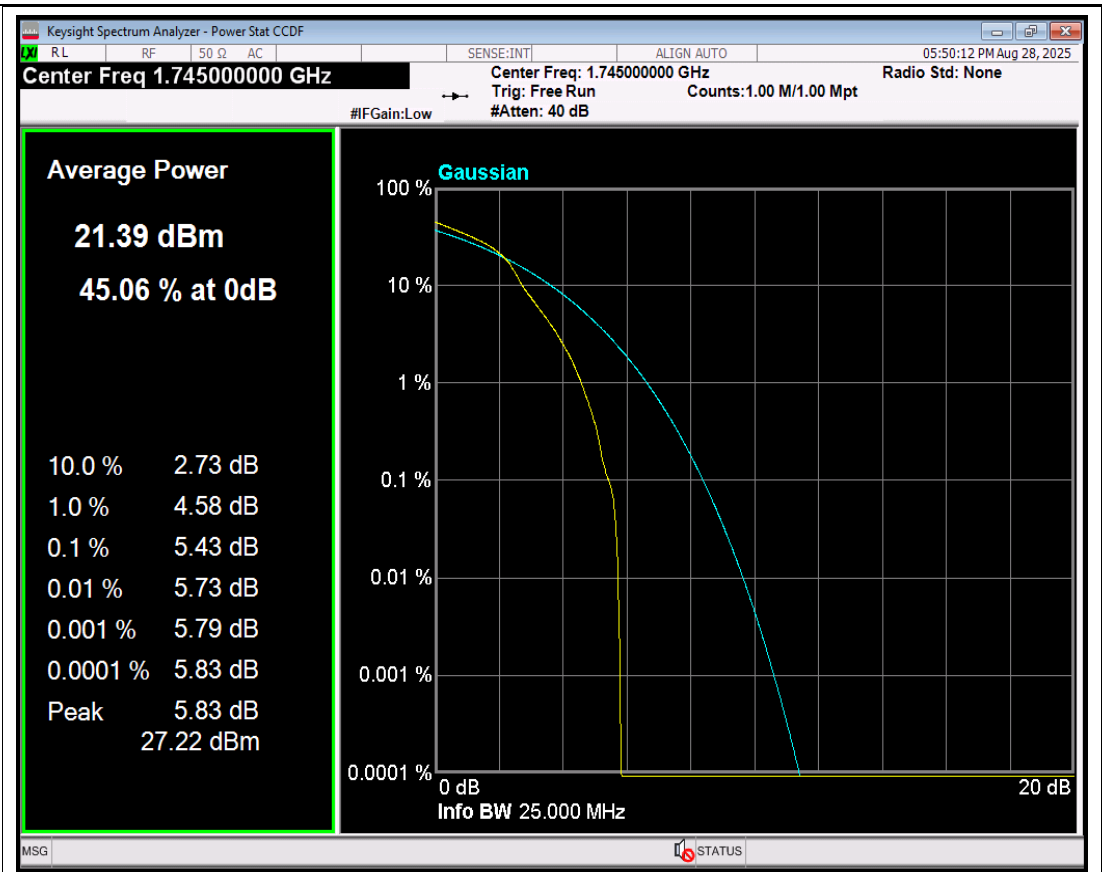
Band66 16QAM BW=15MHz Channel=132322 RB Size=1 Position=#0



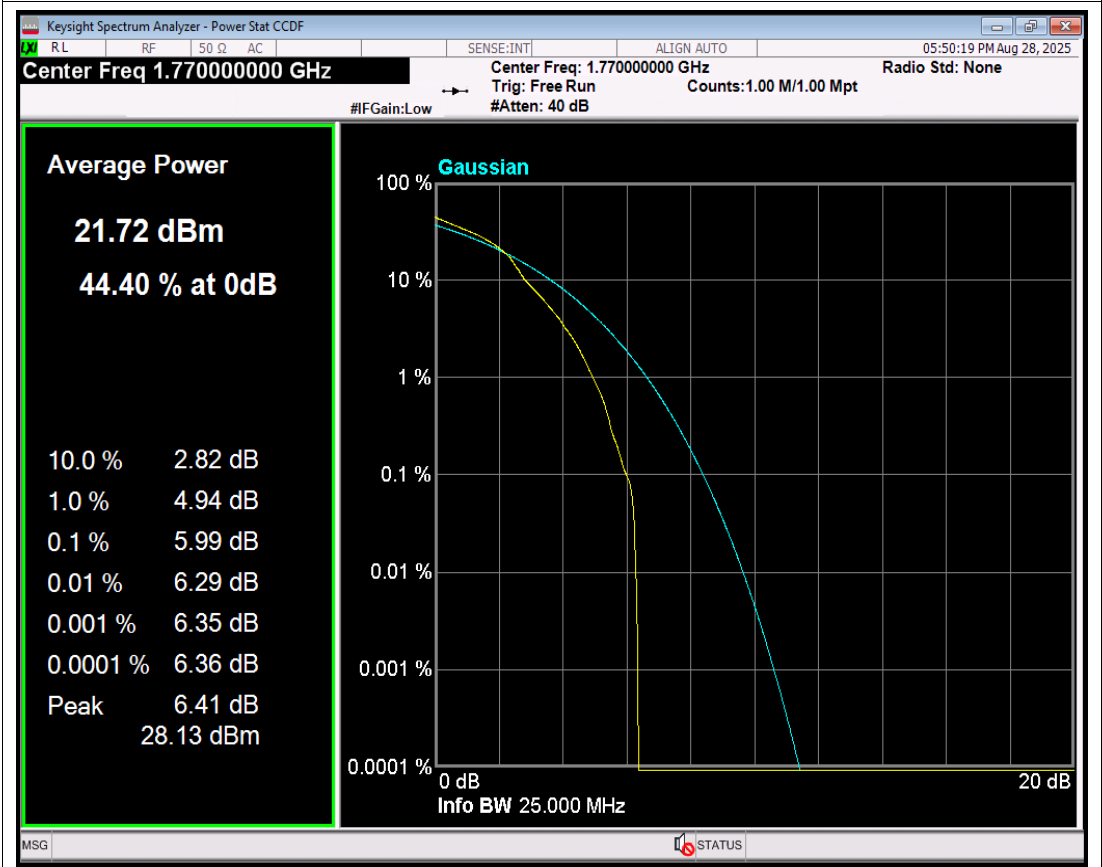
Band66 16QAM BW=15MHz Channel=132597 RB Size=1 Position=#0



Band66 16QAM BW=20MHz Channel=132072 RB Size=1 Position=#0



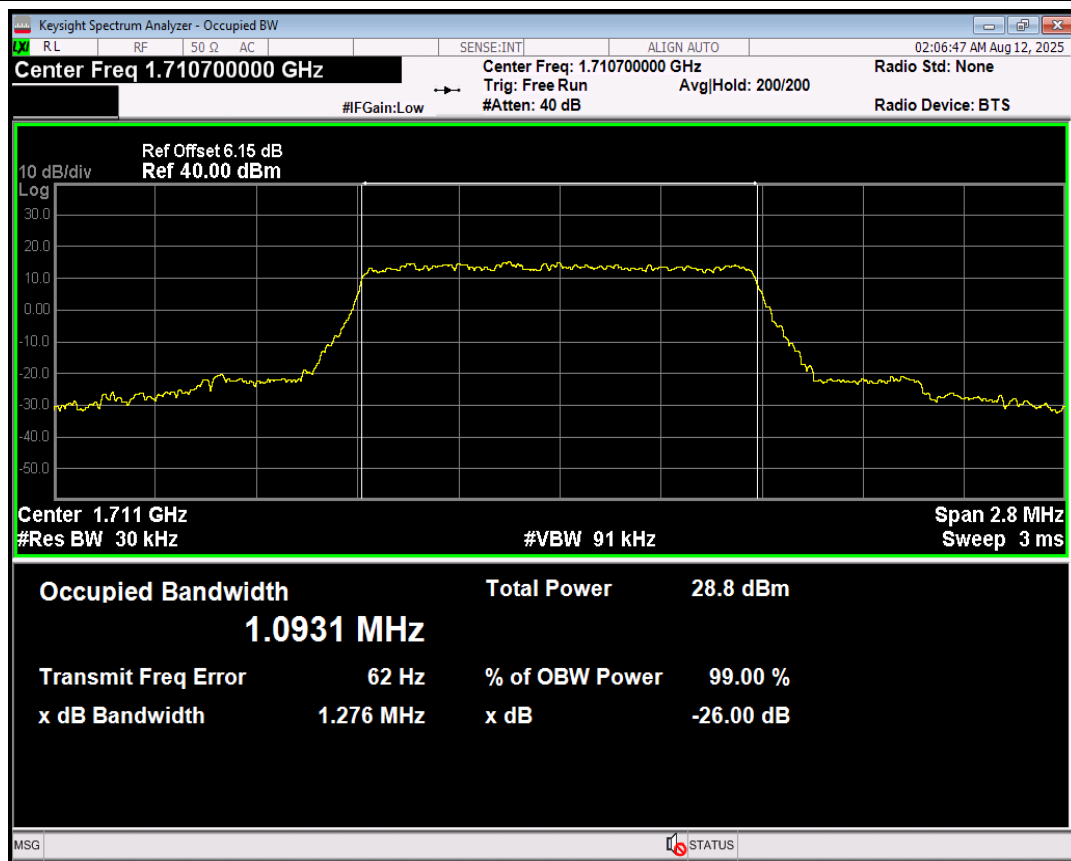
Band66 16QAM BW=20MHz Channel=132322 RB Size=1 Position=#0



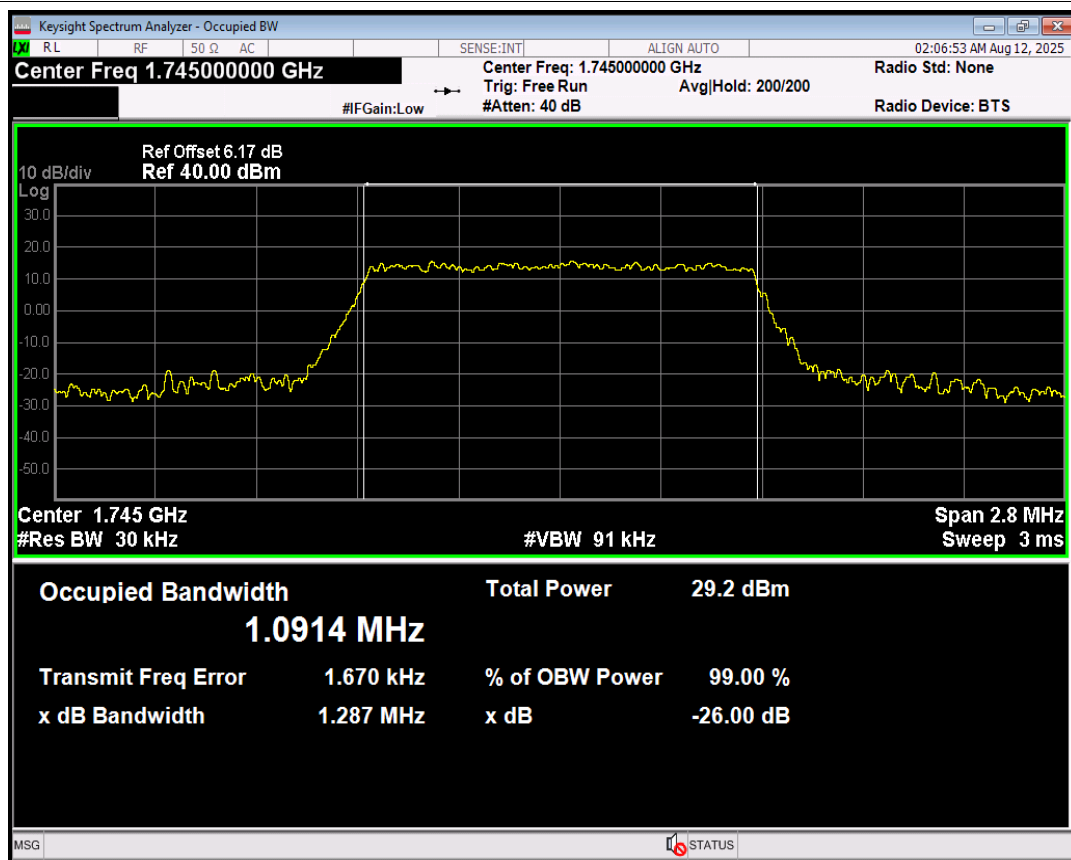
Band66 16QAM BW=20MHz Channel=132572 RB Size=1 Position=#0

Occupied bandwidth

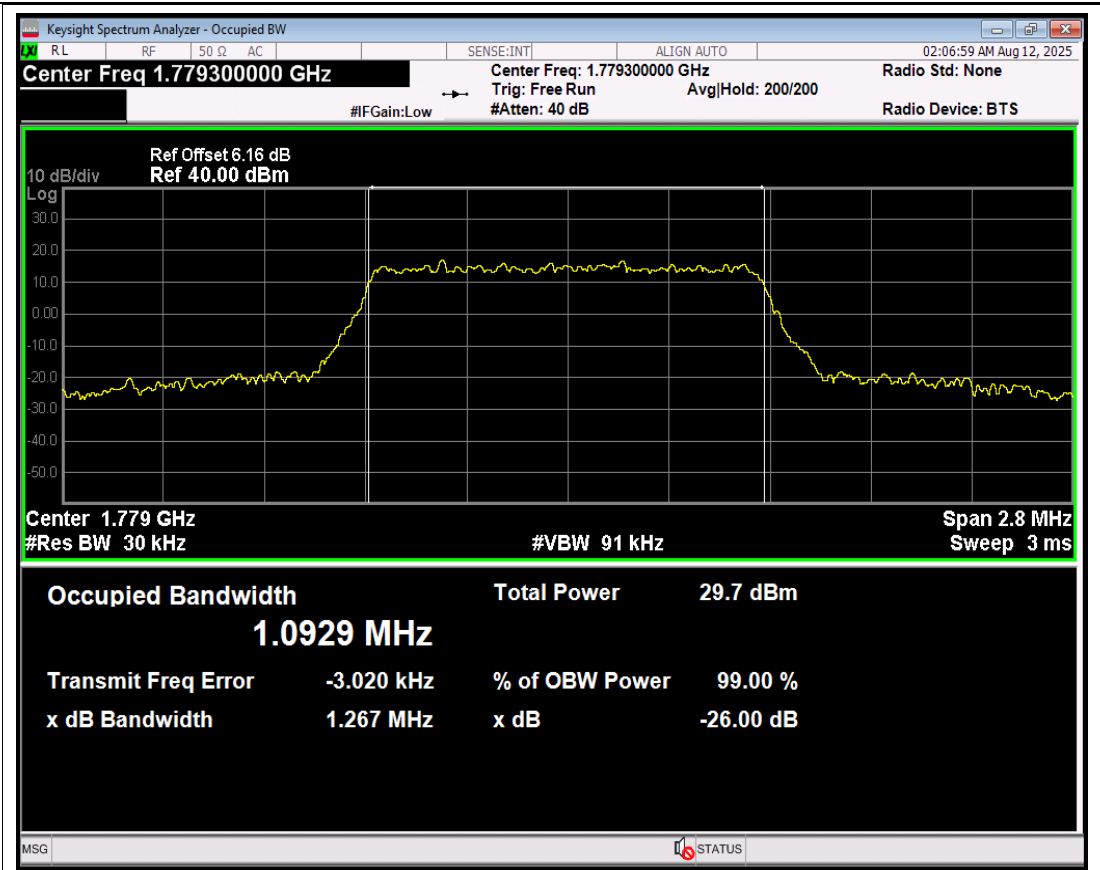
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>99% OBW (MHz)</i>	<i>-26dB EBW (MHz)</i>	<i>Verdict</i>
Band66	1.4	131979	6	#0	QPSK	1.093	1.276	PASS
Band66	1.4	132322	6	#0	QPSK	1.091	1.287	PASS
Band66	1.4	132665	6	#0	QPSK	1.093	1.267	PASS
Band66	1.4	131979	6	#0	16QAM	1.102	1.321	PASS
Band66	1.4	132322	6	#0	16QAM	1.097	1.341	PASS
Band66	1.4	132665	6	#0	16QAM	1.097	1.338	PASS
Band66	3	131987	15	#0	QPSK	2.693	2.962	PASS
Band66	3	132322	15	#0	QPSK	2.677	3	PASS
Band66	3	132657	15	#0	QPSK	2.686	2.962	PASS
Band66	3	131987	15	#0	16QAM	2.694	3.102	PASS
Band66	3	132322	15	#0	16QAM	2.701	3.147	PASS
Band66	3	132657	15	#0	16QAM	2.696	3.138	PASS
Band66	5	131997	25	#0	QPSK	4.512	4.934	PASS
Band66	5	132322	25	#0	QPSK	4.506	4.916	PASS
Band66	5	132647	25	#0	QPSK	4.506	4.89	PASS
Band66	5	131997	25	#0	16QAM	4.514	5.363	PASS
Band66	5	132322	25	#0	16QAM	4.526	5.507	PASS
Band66	5	132647	25	#0	16QAM	4.544	5.4	PASS
Band66	10	132022	50	#0	QPSK	9.004	9.662	PASS
Band66	10	132322	50	#0	QPSK	8.98	9.713	PASS
Band66	10	132622	50	#0	QPSK	8.98	9.627	PASS
Band66	15	132047	75	#0	QPSK	13.454	14.606	PASS
Band66	15	132322	75	#0	QPSK	13.442	14.441	PASS
Band66	15	132597	75	#0	QPSK	13.442	14.486	PASS
Band66	20	132072	100	#0	QPSK	17.949	19.257	PASS
Band66	20	132322	100	#0	QPSK	17.968	19.363	PASS
Band66	20	132572	100	#0	QPSK	17.9	19.225	PASS



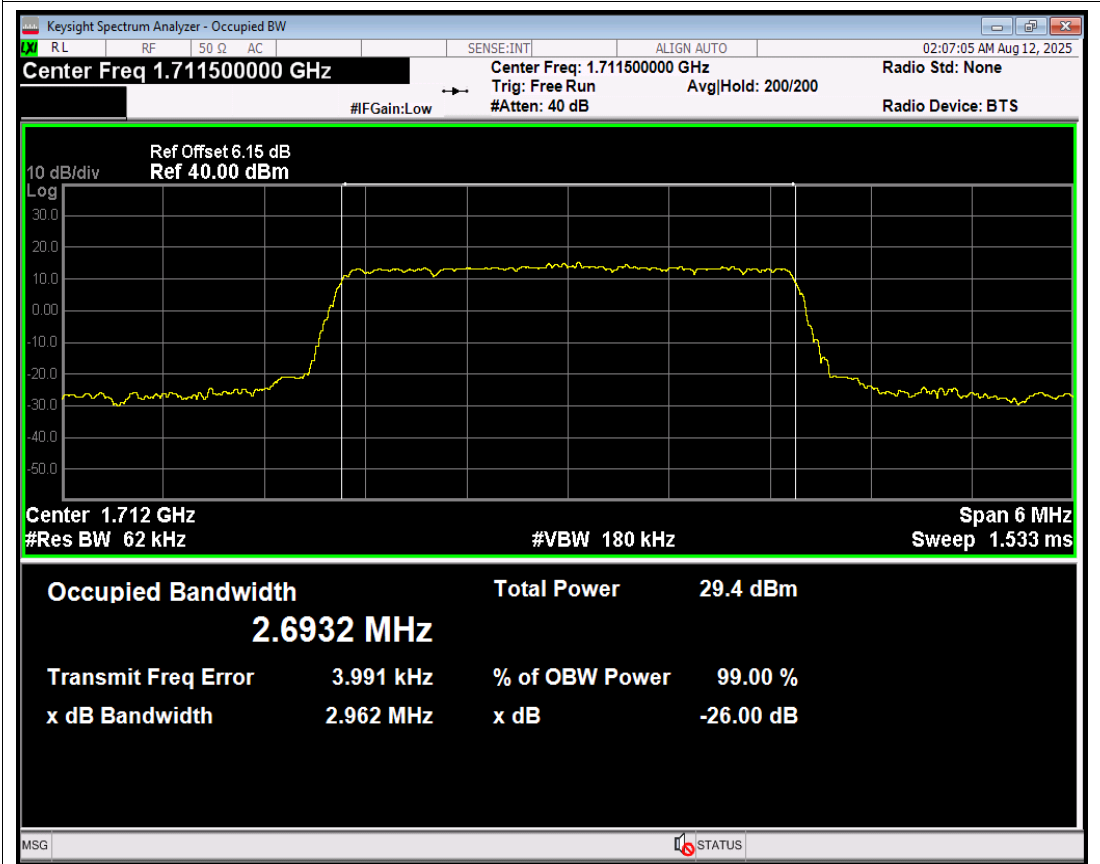
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



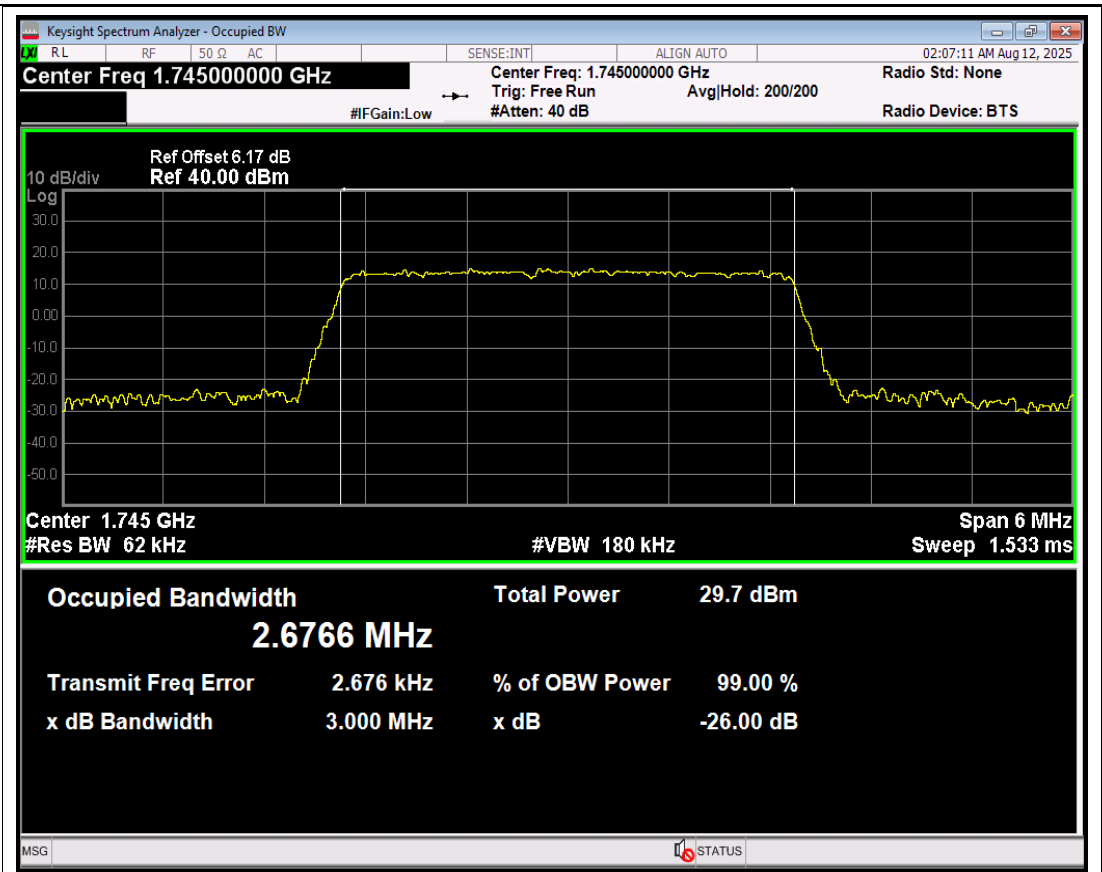
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



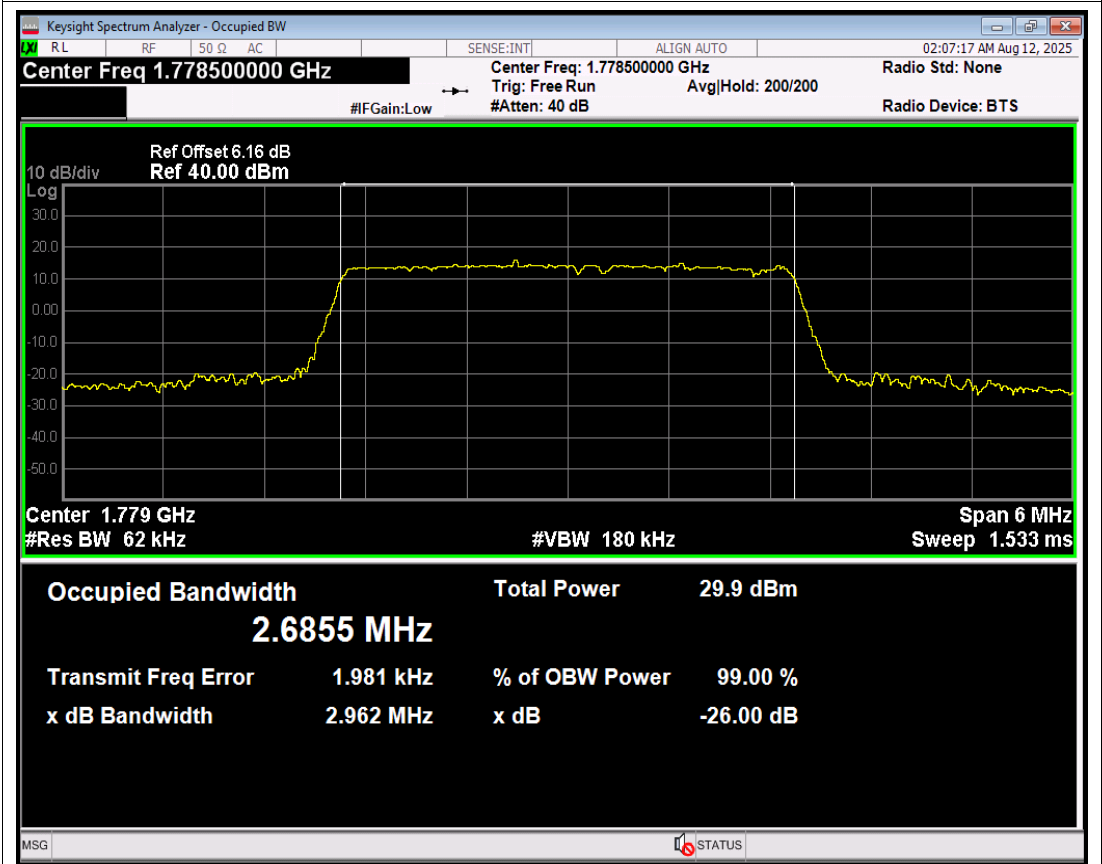
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



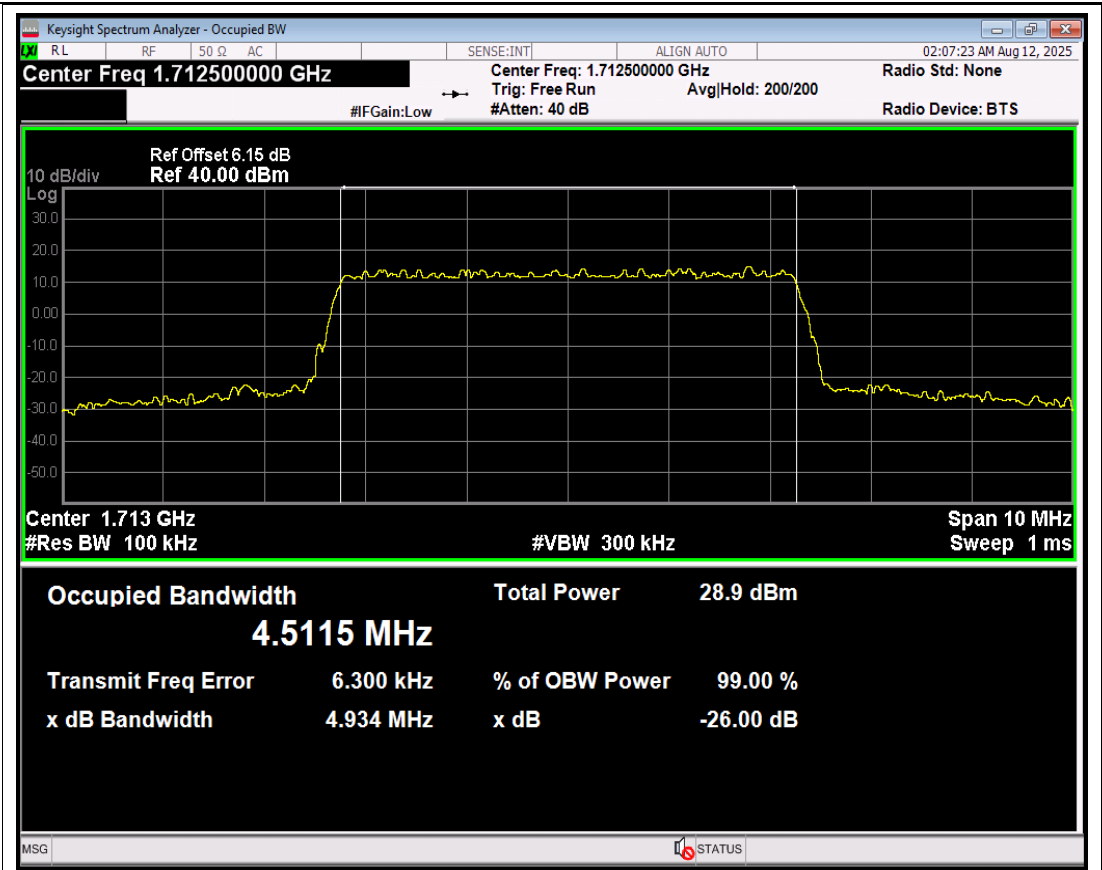
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



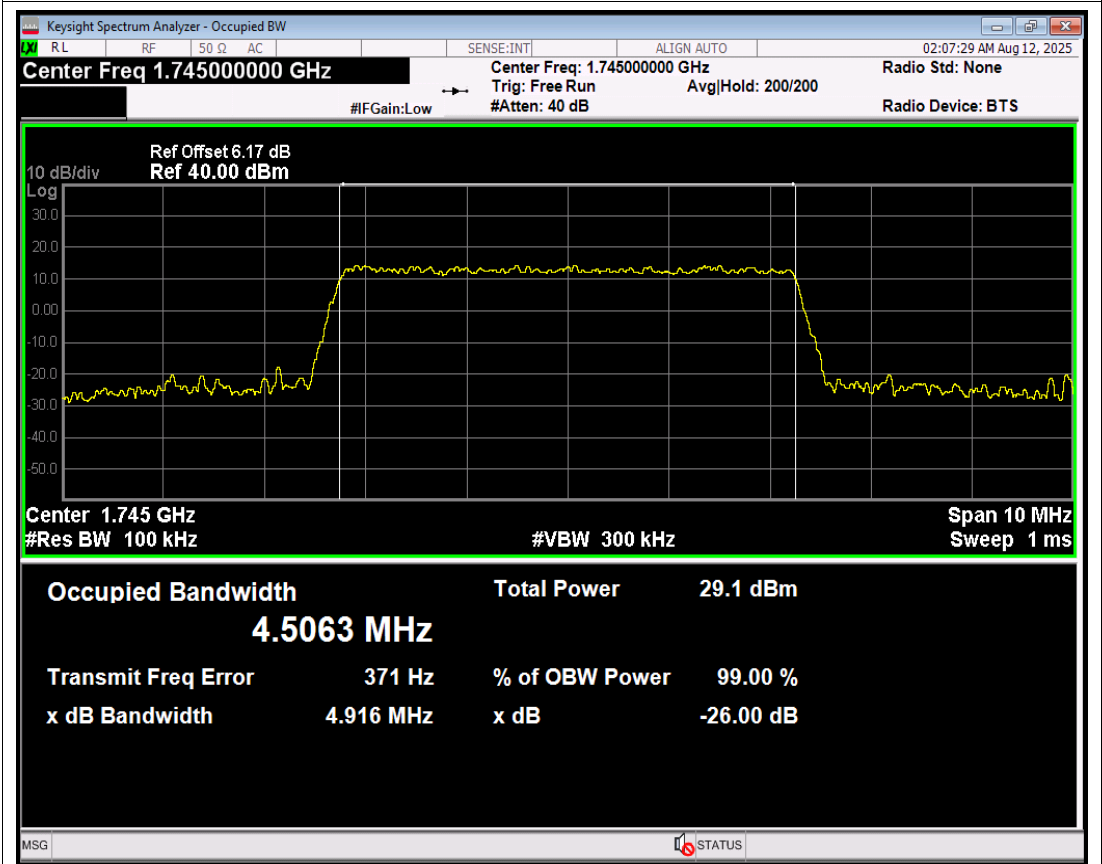
Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



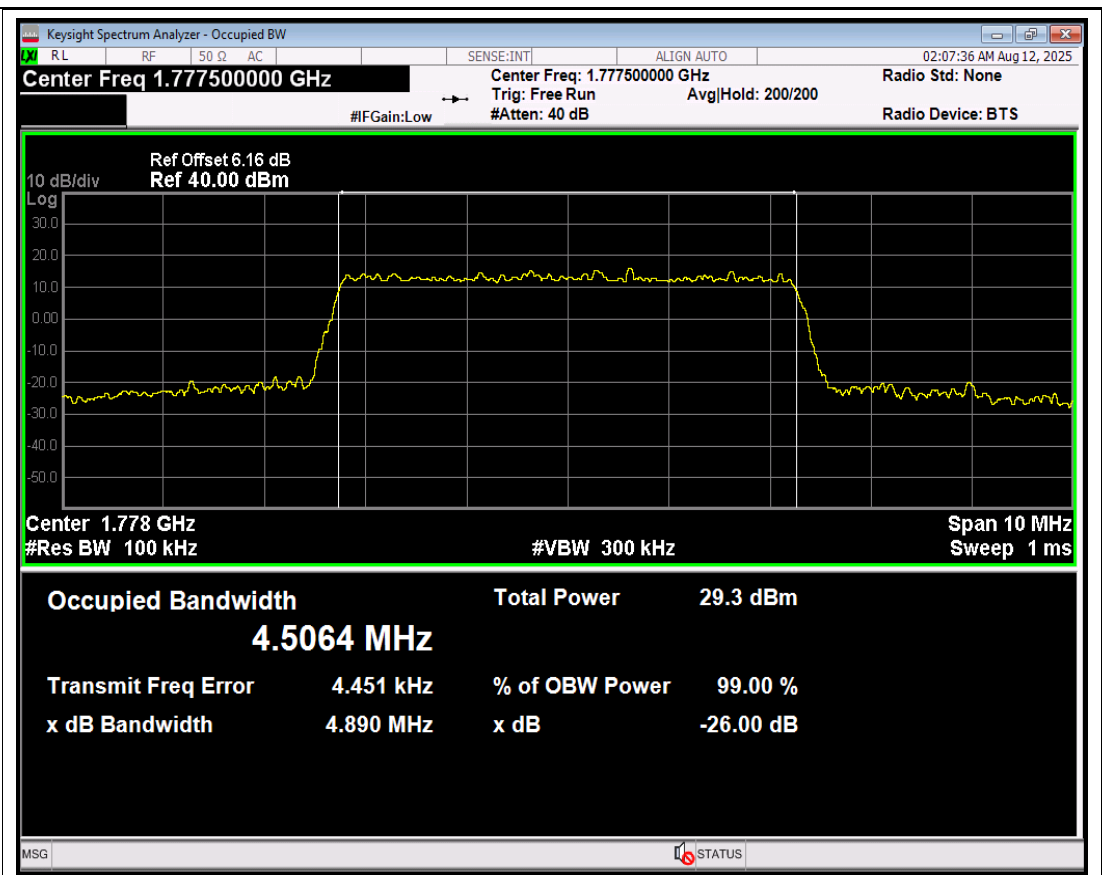
Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



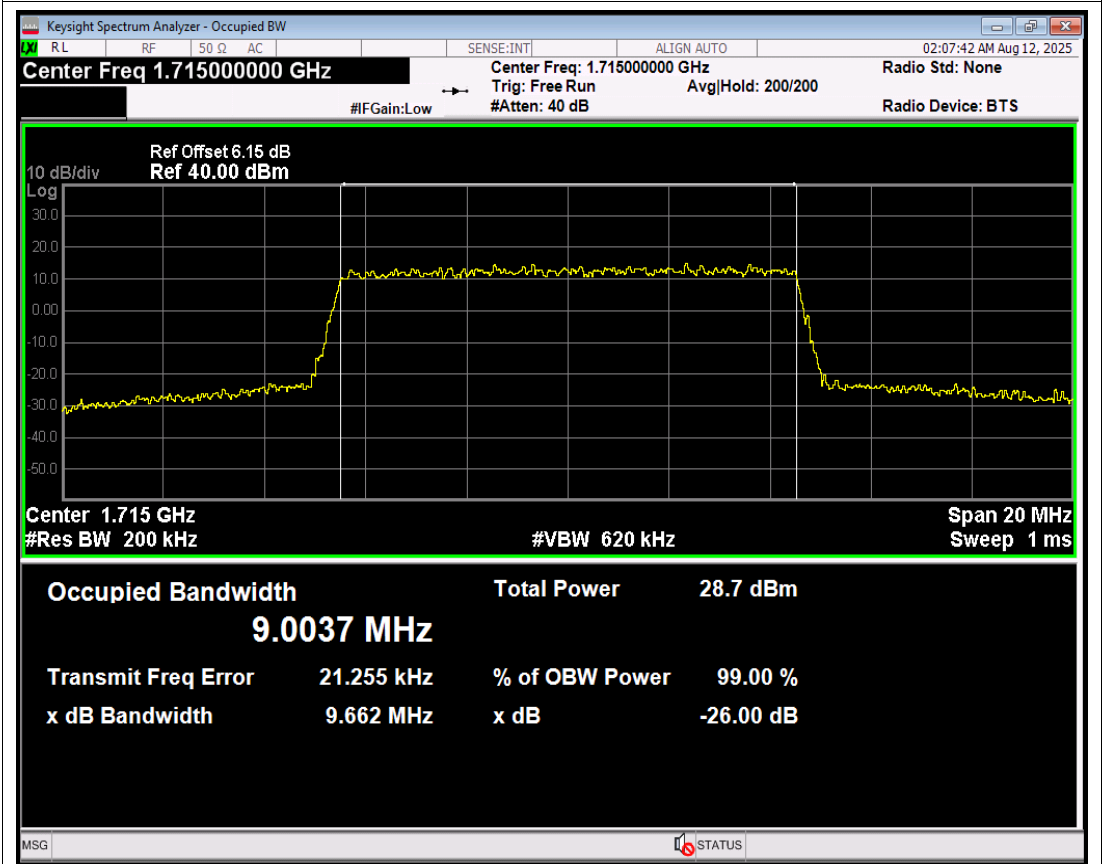
Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



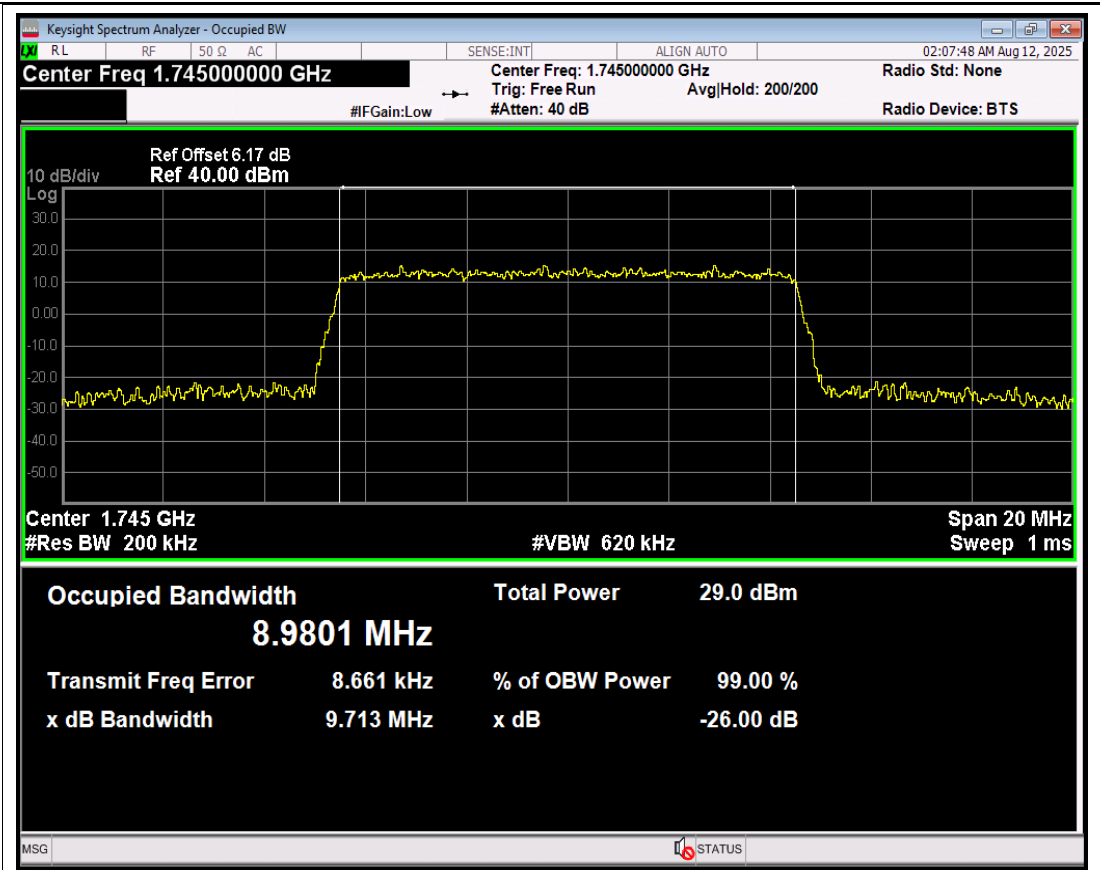
Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



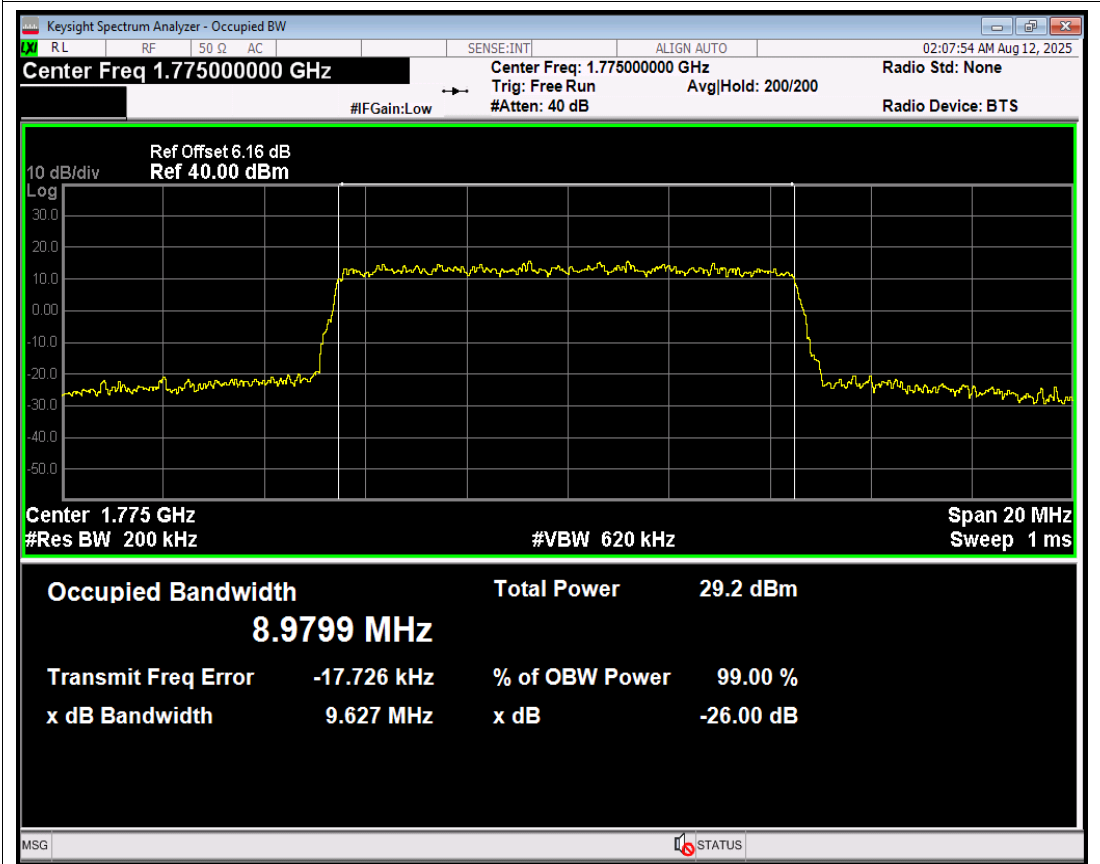
Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0



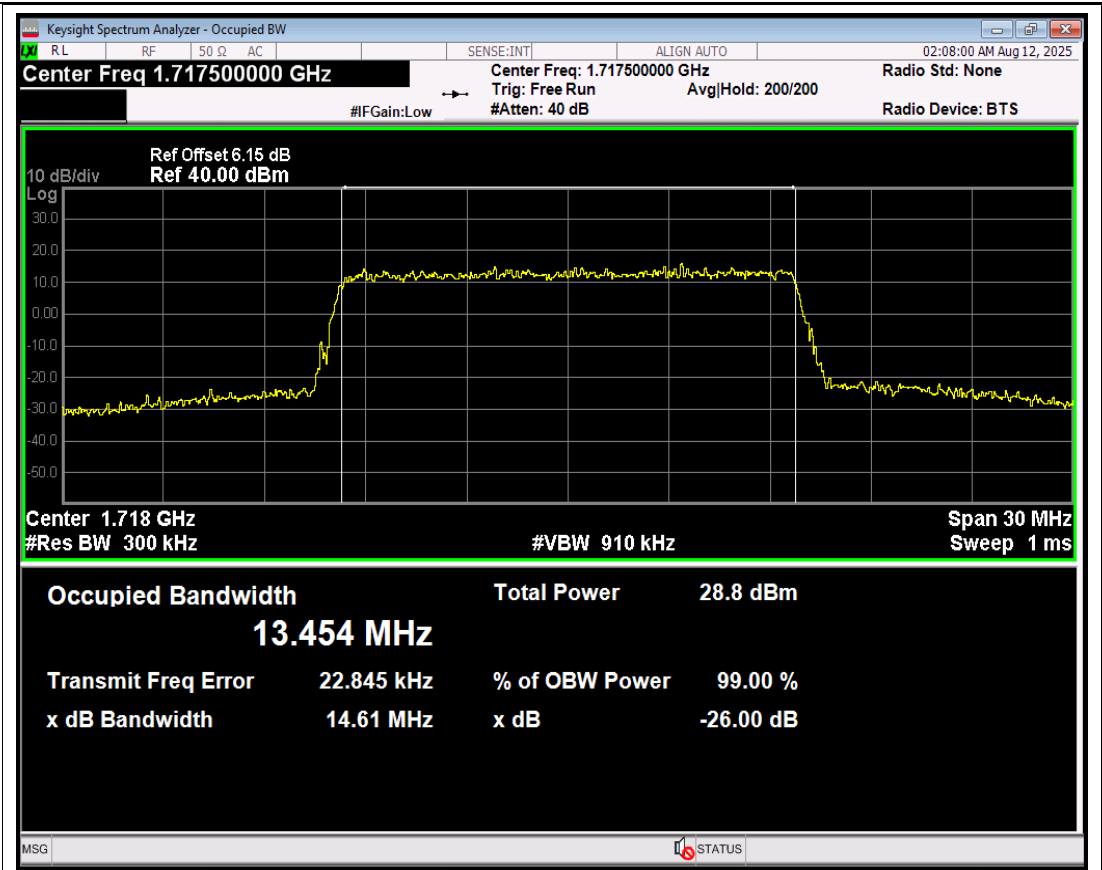
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



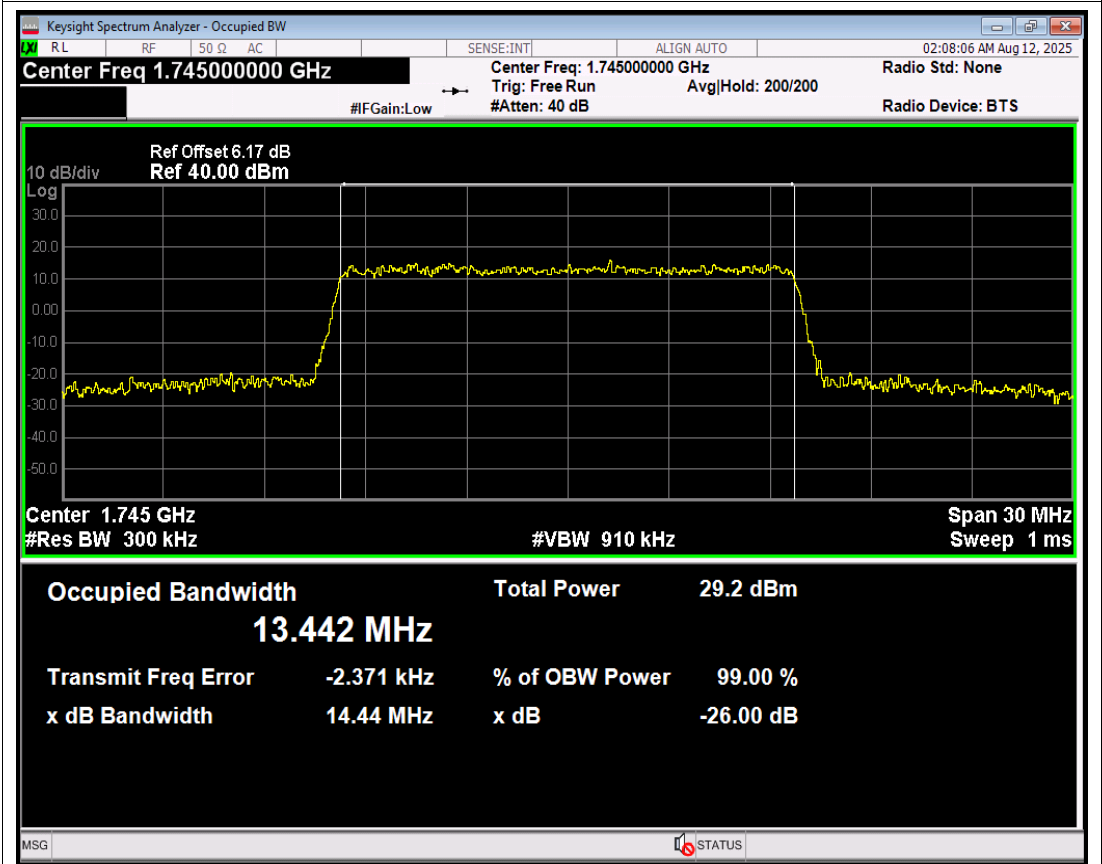
Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0



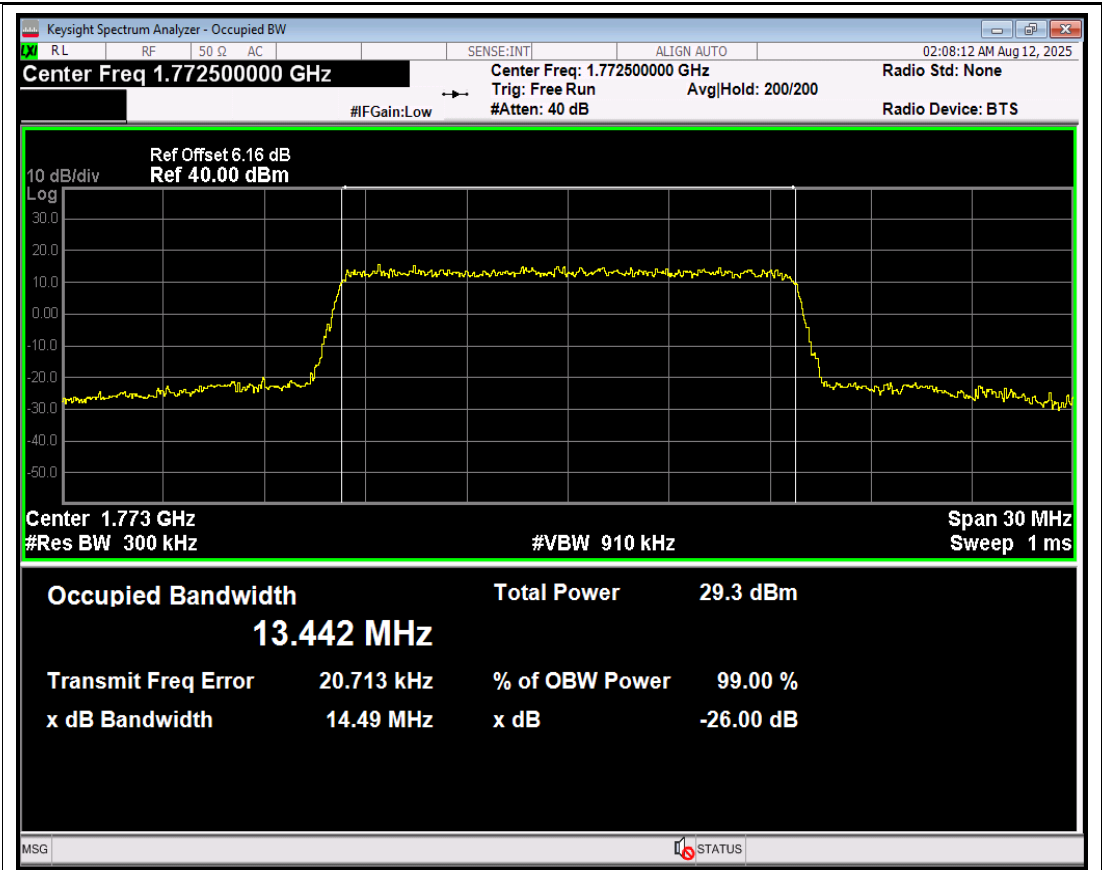
Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0



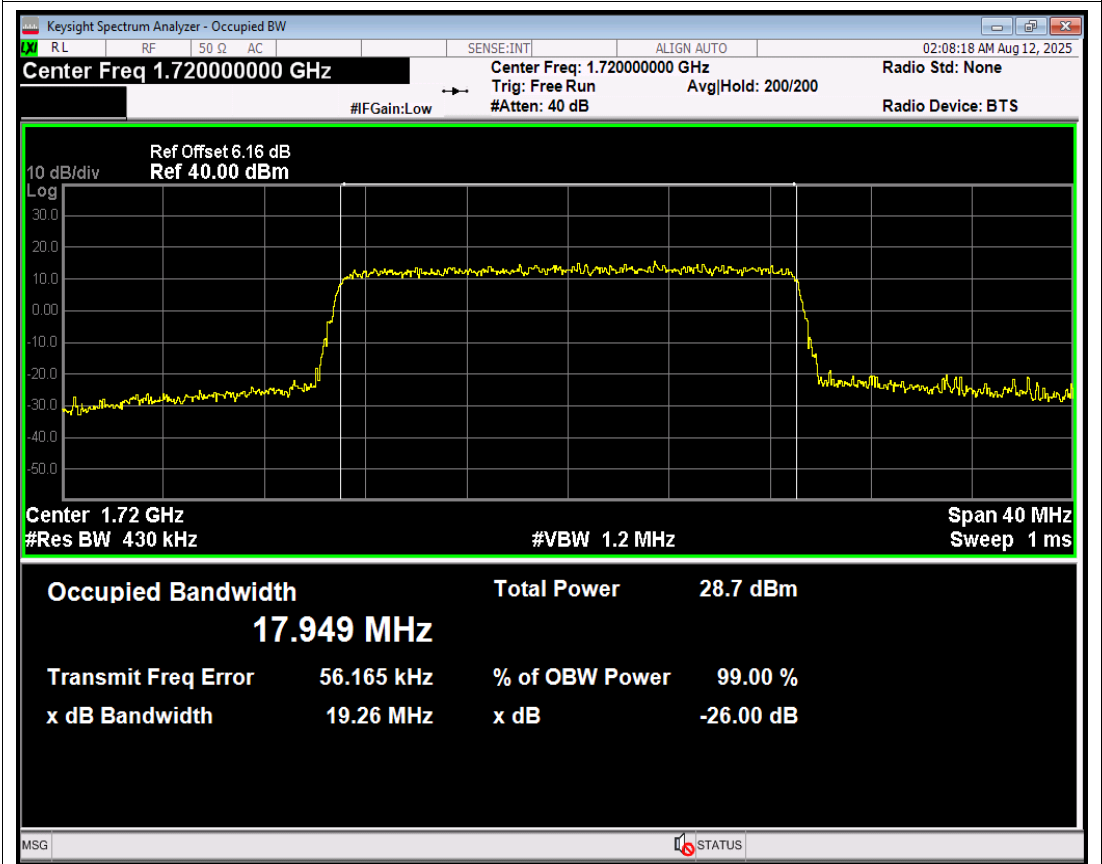
Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



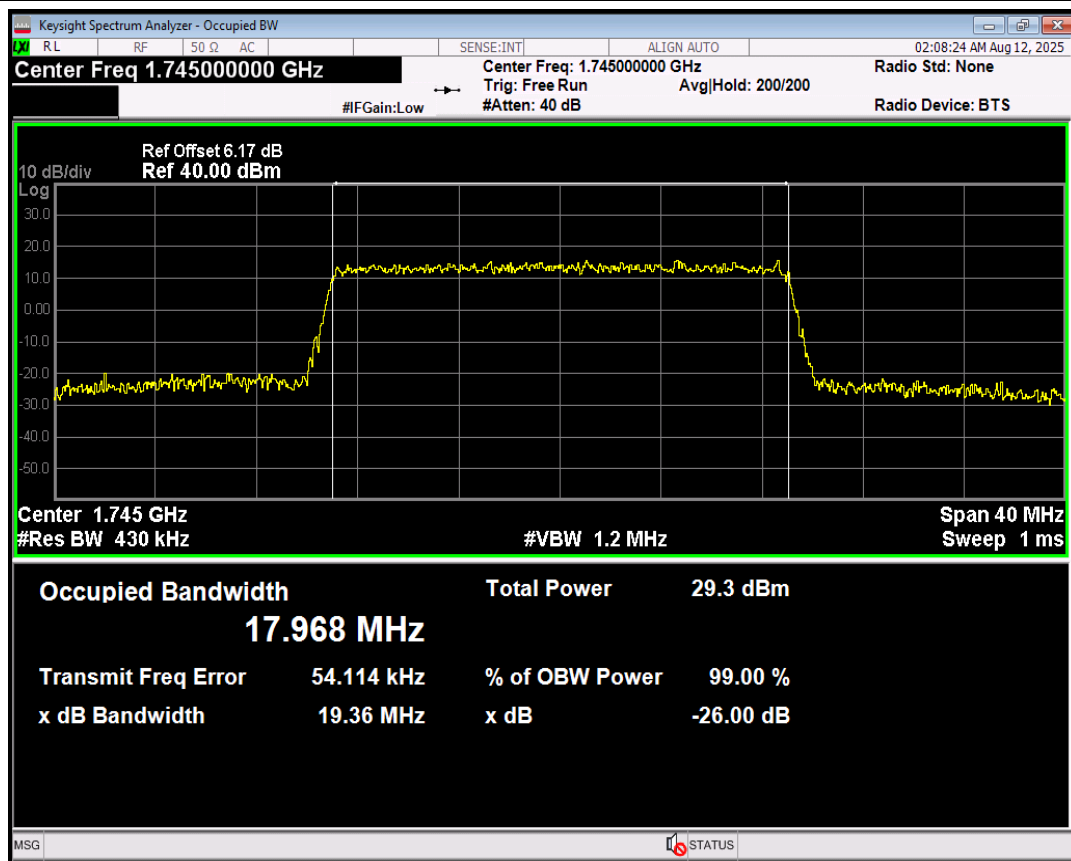
Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0



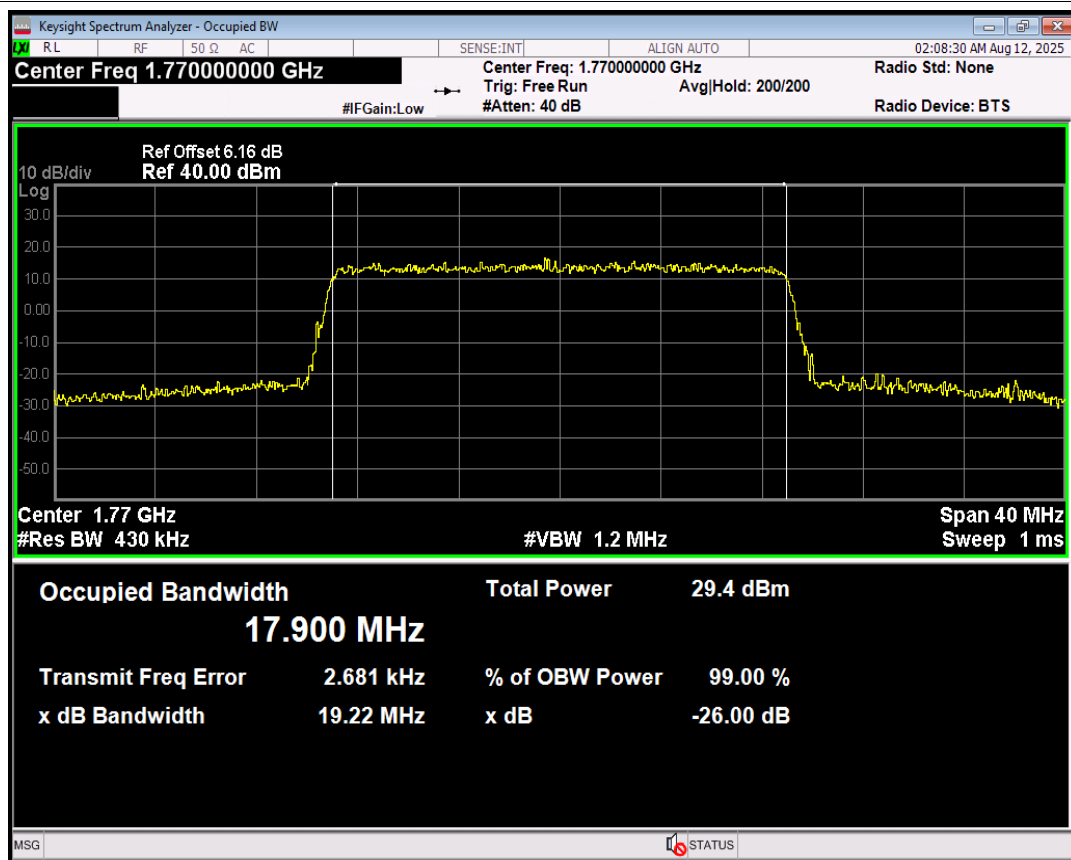
Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0



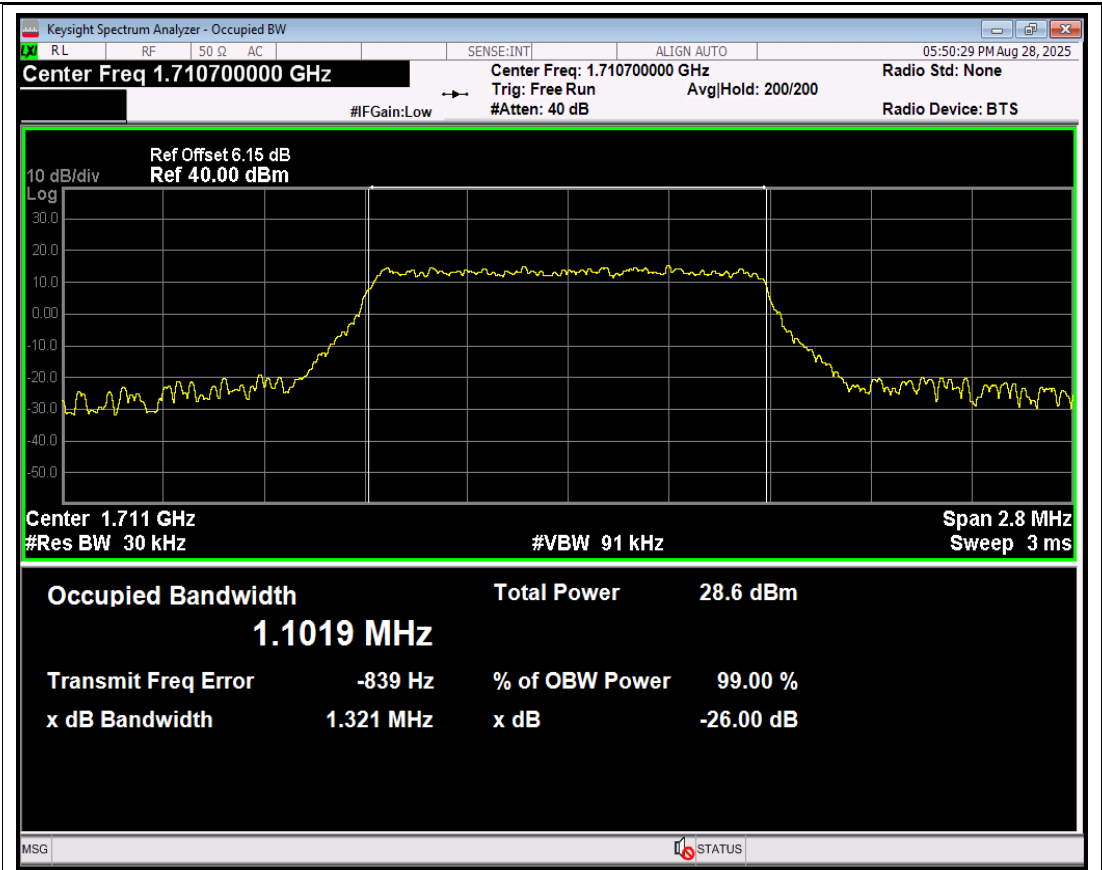
Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0



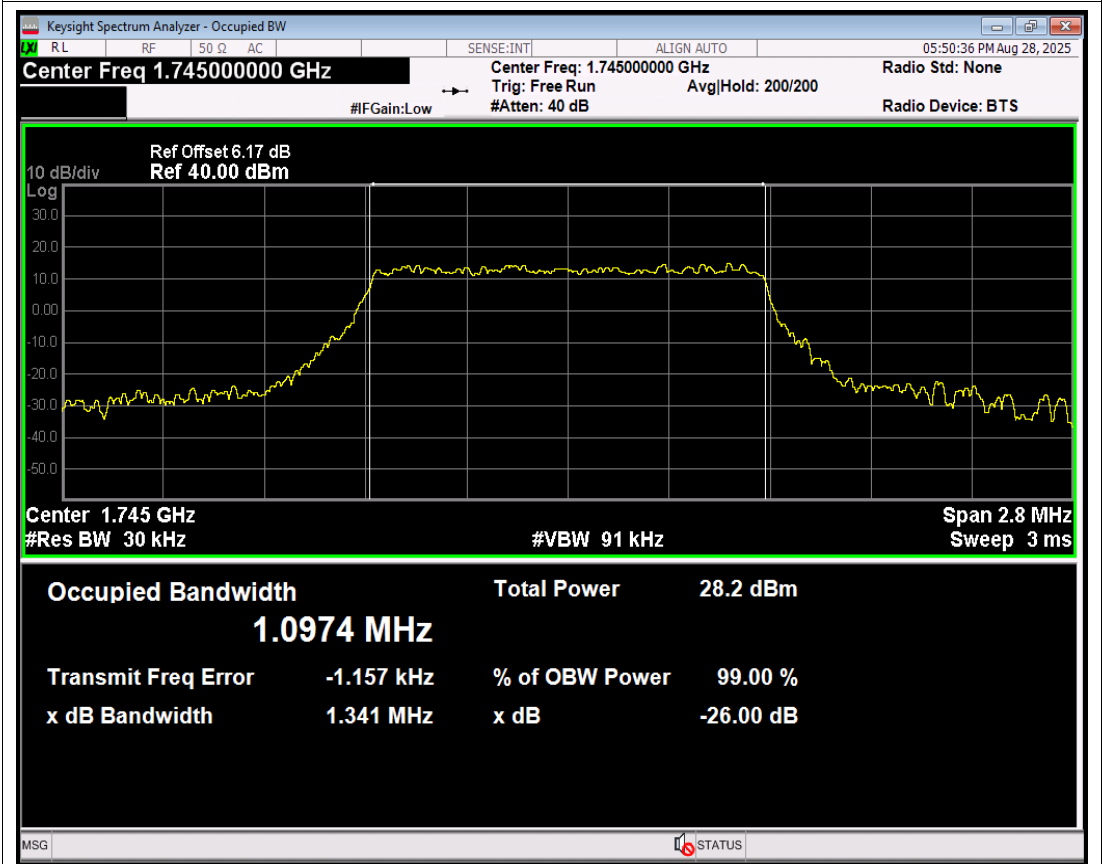
Band66 QPSK BW=20MHz Channel=132322 RB Size=100 Position=#0



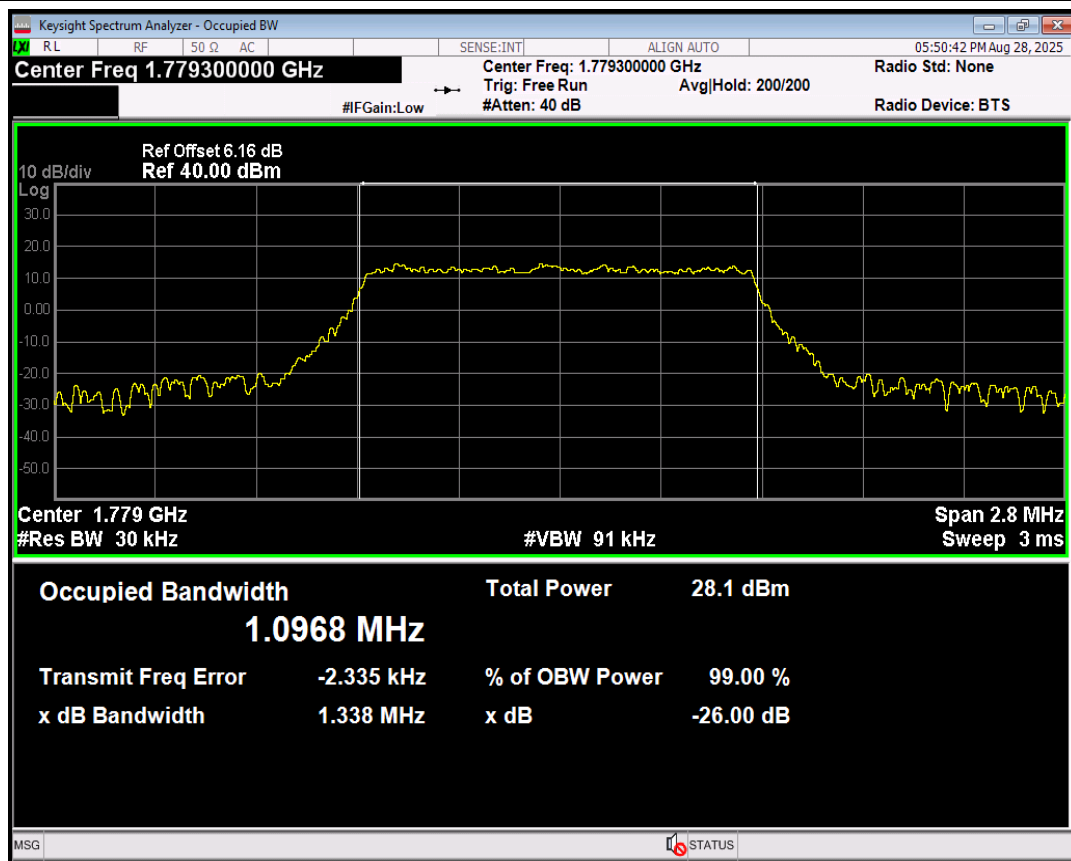
Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



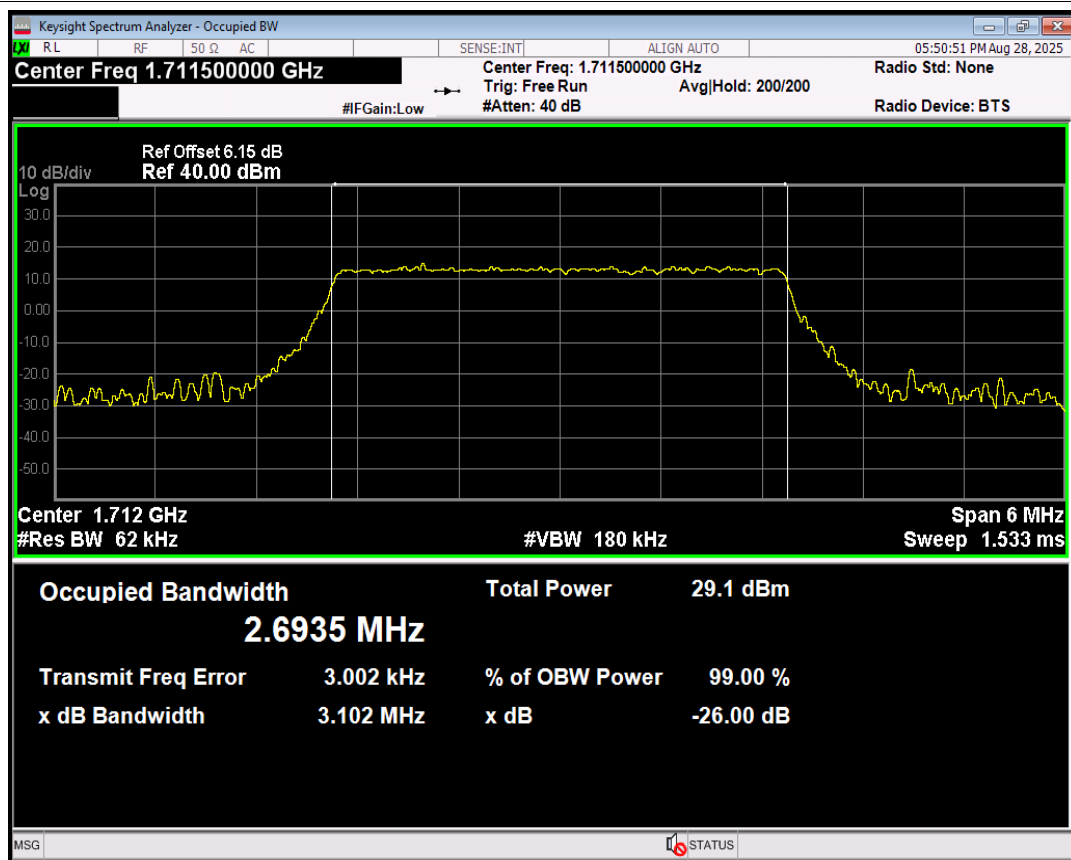
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0



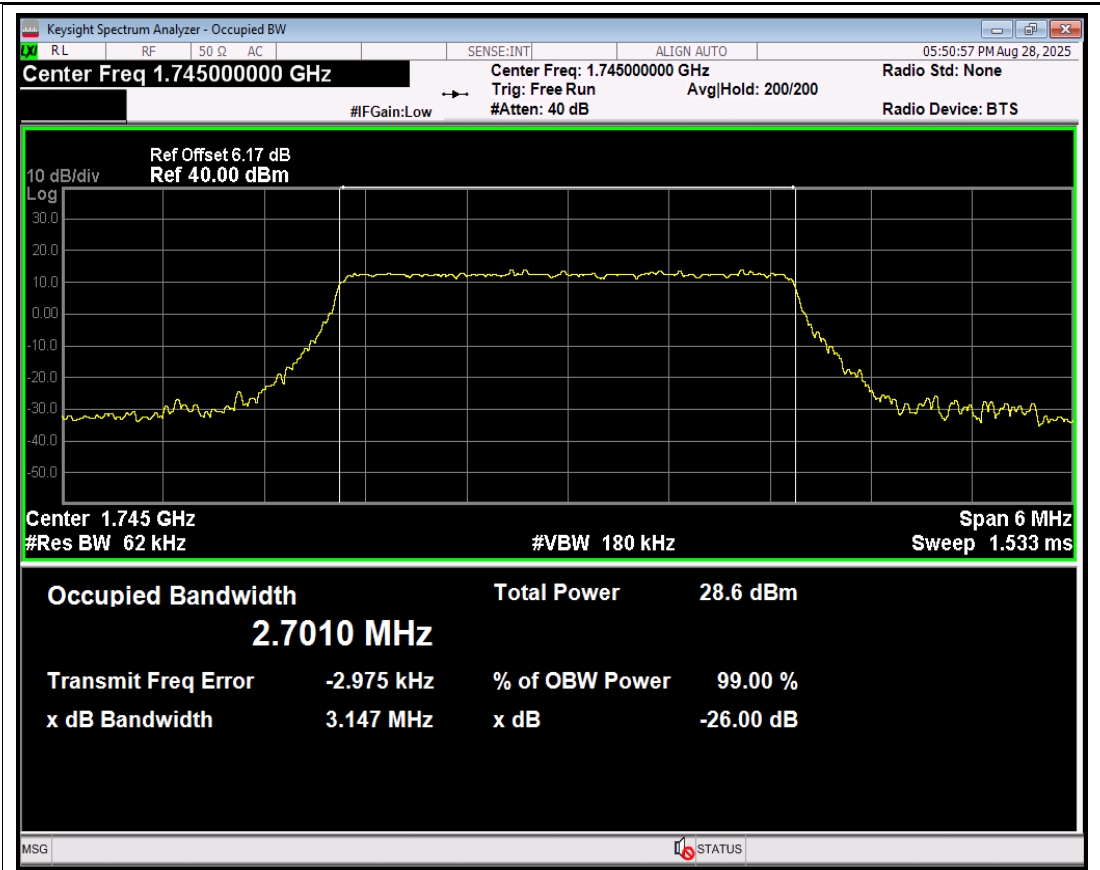
Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0



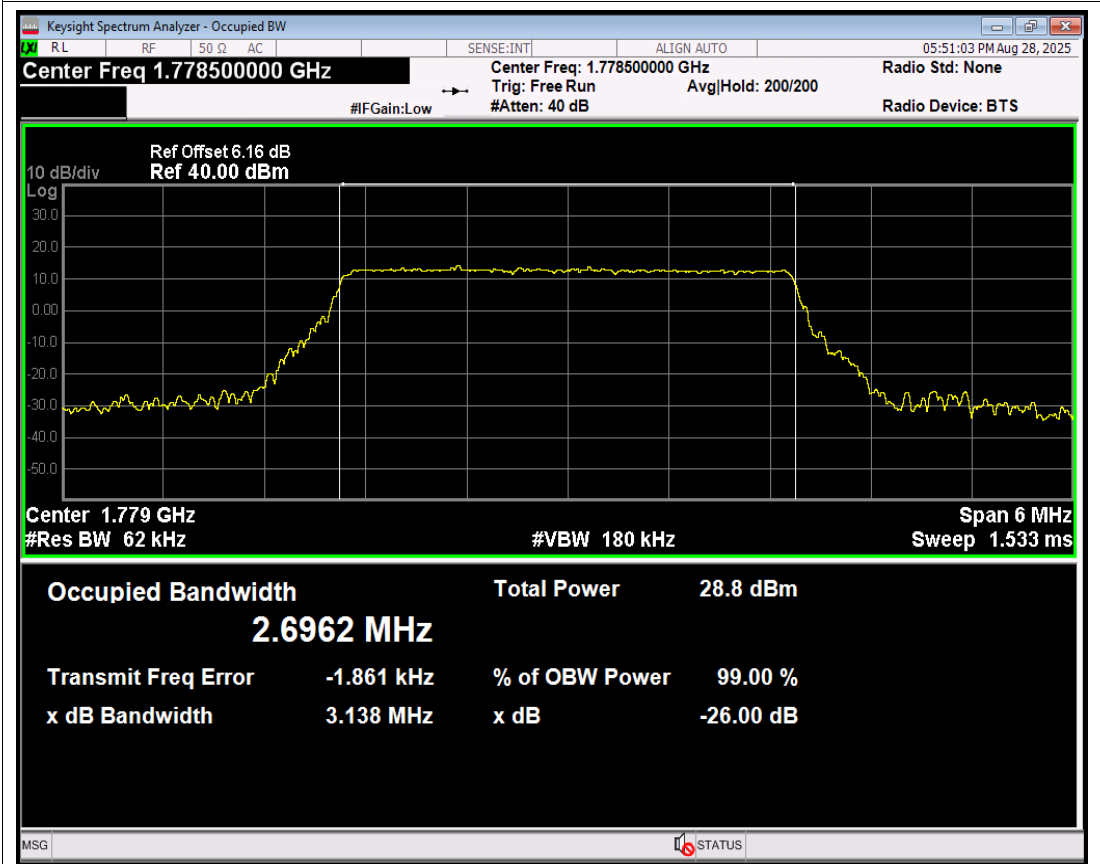
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0



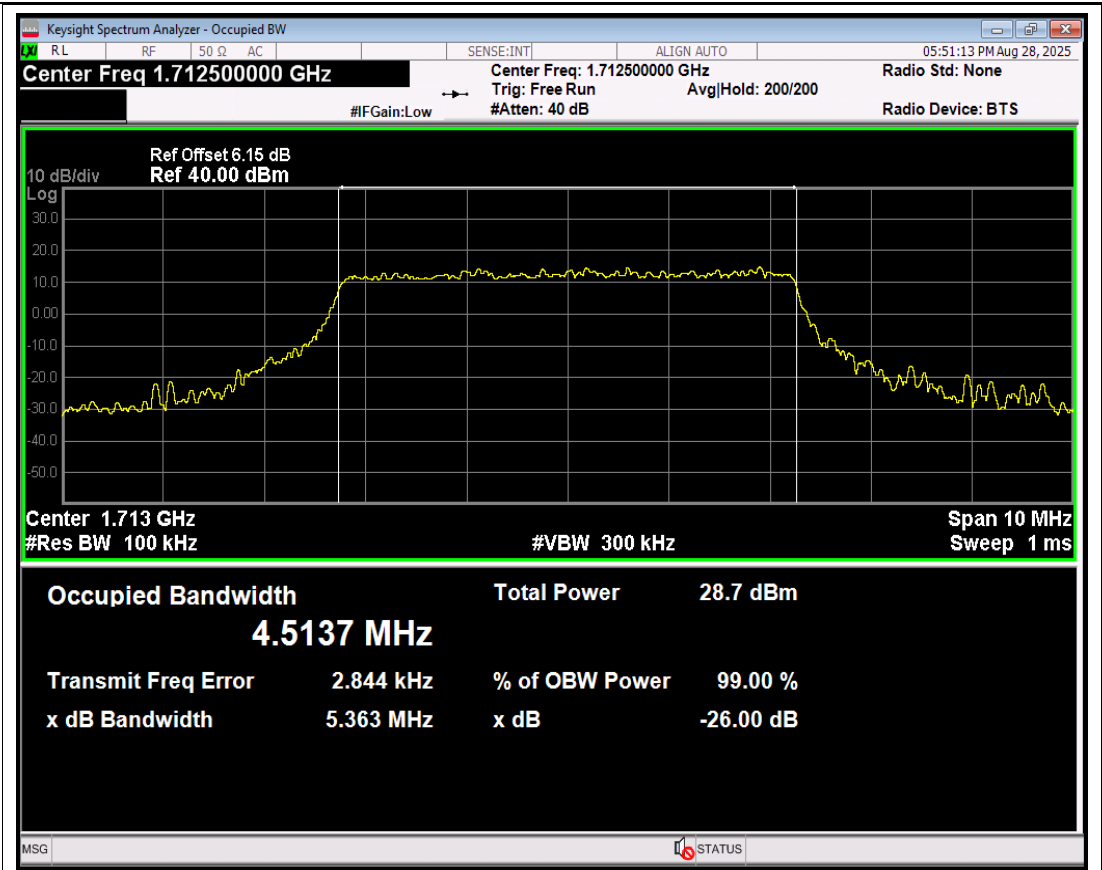
Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0



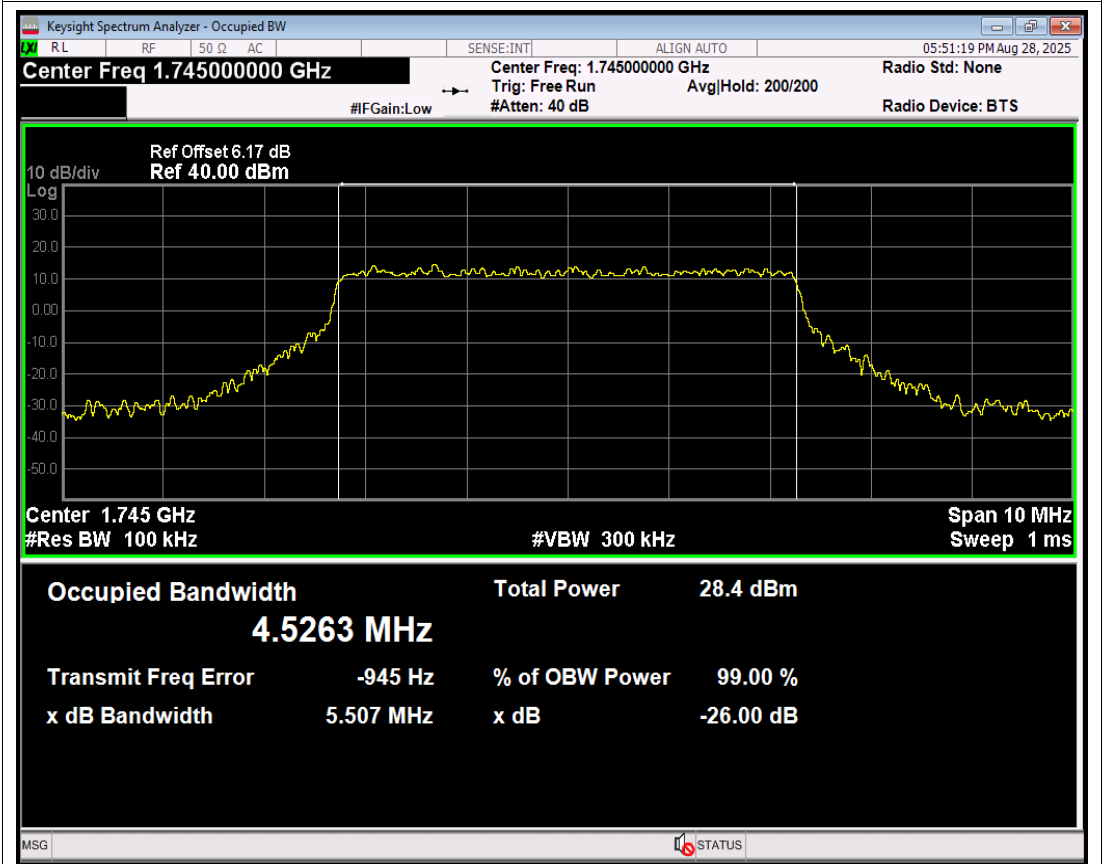
Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0



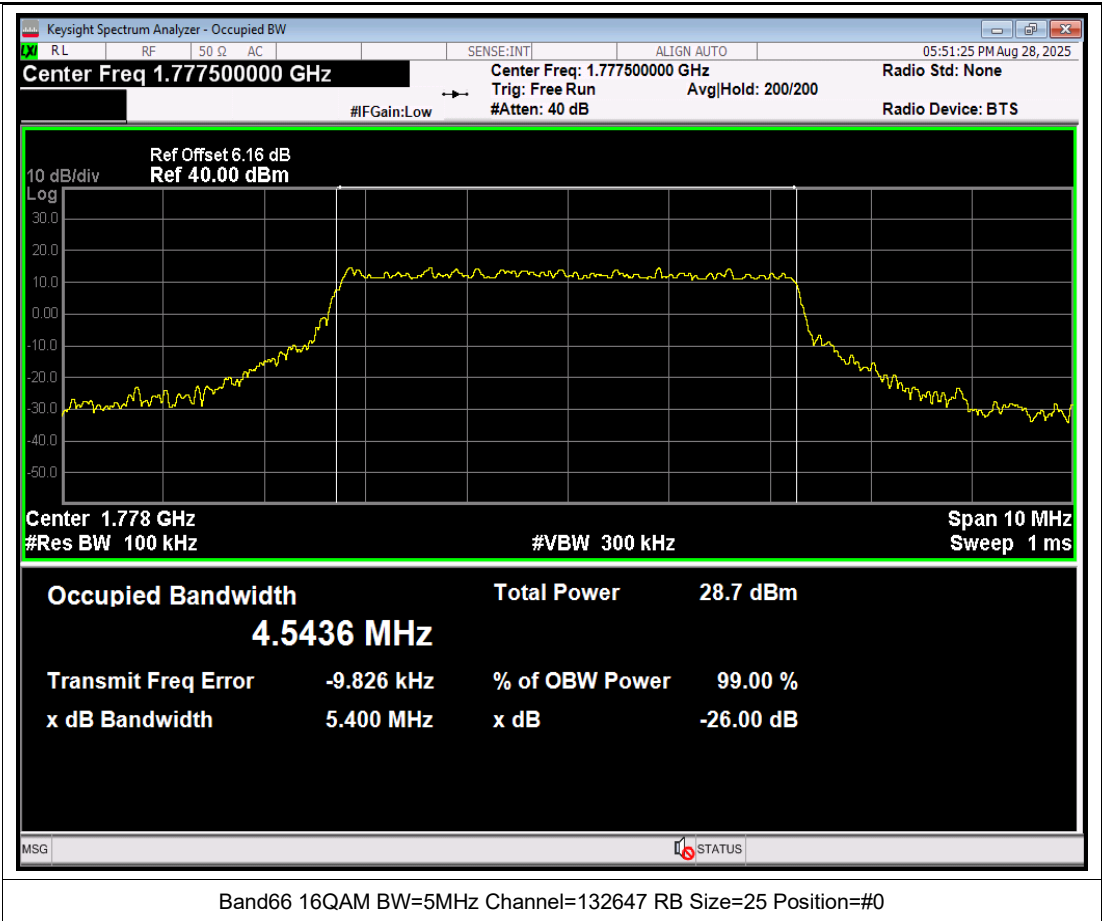
Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0



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

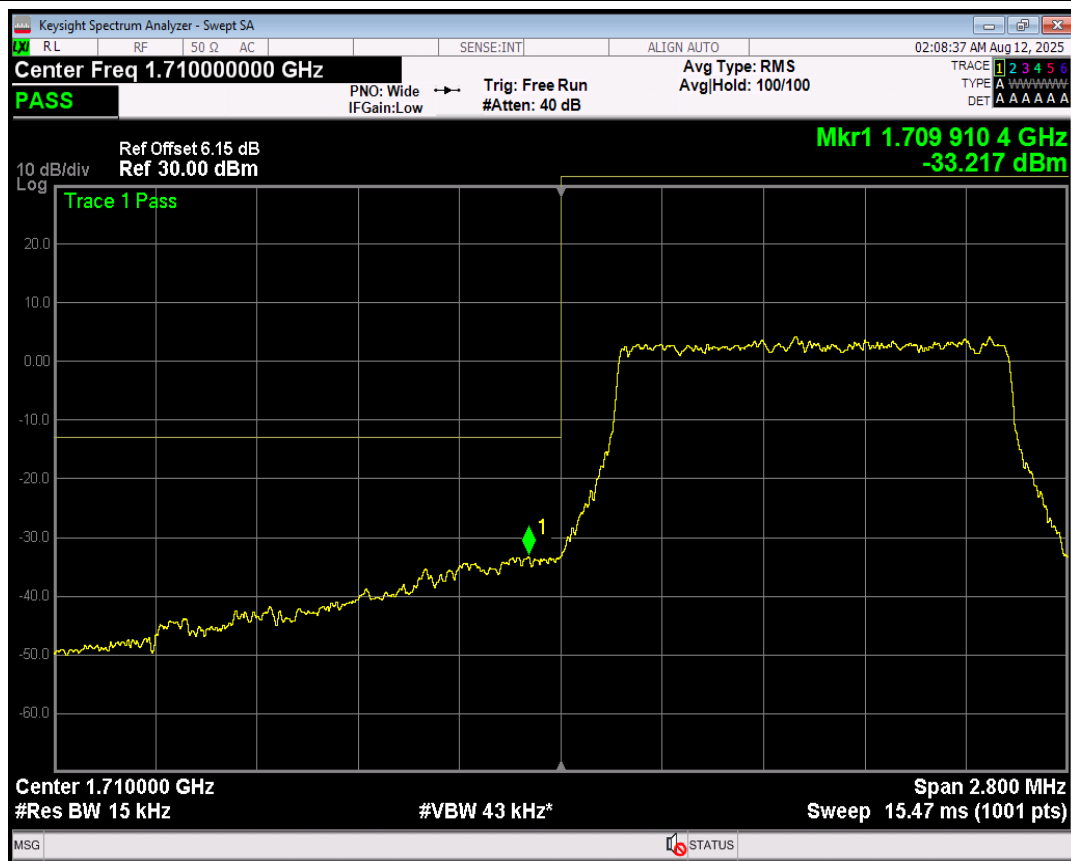


Band66 16QAM BW=5MHz Channel=132322 RB Size=25 Position=#0



Band edge

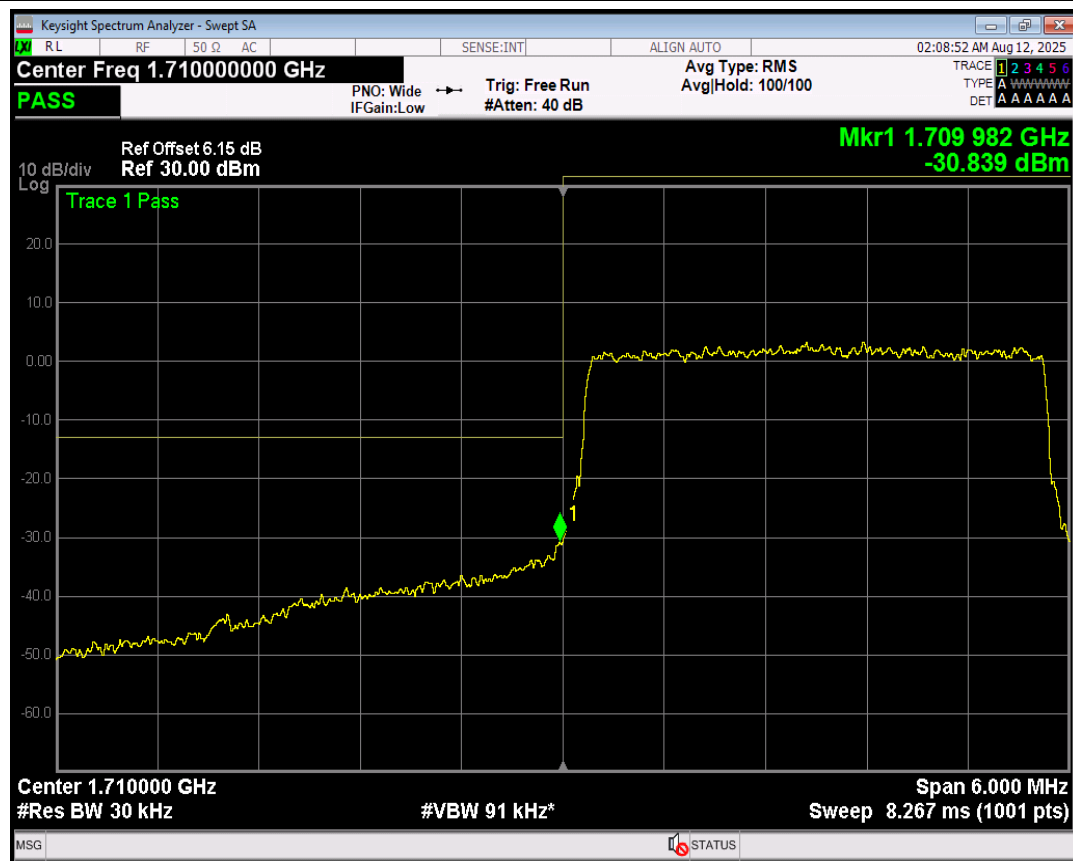
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band66	1.4	131979	6	#0	QPSK	1709.91	-33.21	-13	PASS
Band66	1.4	132665	6	#0	QPSK	1780	-31.05	-13	PASS
Band66	1.4	131979	6	#0	16QAM	1710	-29.99	-13	PASS
Band66	1.4	132665	6	#0	16QAM	1780.01	-29.49	-13	PASS
Band66	3	131987	15	#0	QPSK	1709.98	-30.83	-13	PASS
Band66	3	132657	15	#0	QPSK	1780	-29	-13	PASS
Band66	3	131987	15	#0	16QAM	1710	-25.76	-13	PASS
Band66	3	132657	15	#0	16QAM	1780.01	-25.61	-13	PASS
Band66	5	131997	25	#0	QPSK	1710	-32.87	-13	PASS
Band66	5	132647	25	#0	QPSK	1780	-31.61	-13	PASS
Band66	5	131997	25	#0	16QAM	1709.94	-25.93	-13	PASS
Band66	5	132647	25	#0	16QAM	1780	-26.57	-13	PASS
Band66	10	132022	50	#0	QPSK	1710	-34.43	-13	PASS
Band66	10	132622	50	#0	QPSK	1780	-33.55	-13	PASS
Band66	15	132047	75	#0	QPSK	1709.01	-34.39	-13	PASS
Band66	15	132597	75	#0	QPSK	1780.3	-32.72	-13	PASS
Band66	20	132072	100	#0	QPSK	1709.92	-35.11	-13	PASS
Band66	20	132572	100	#0	QPSK	1780	-33.86	-13	PASS



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



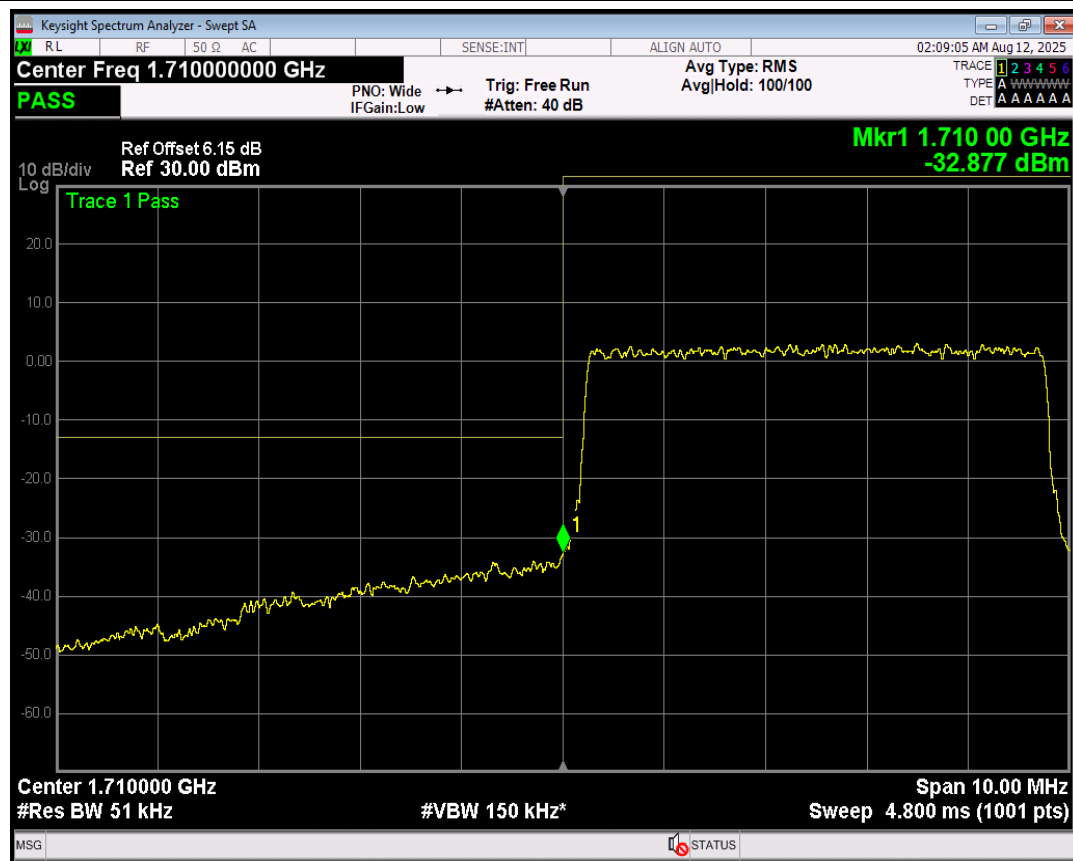
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



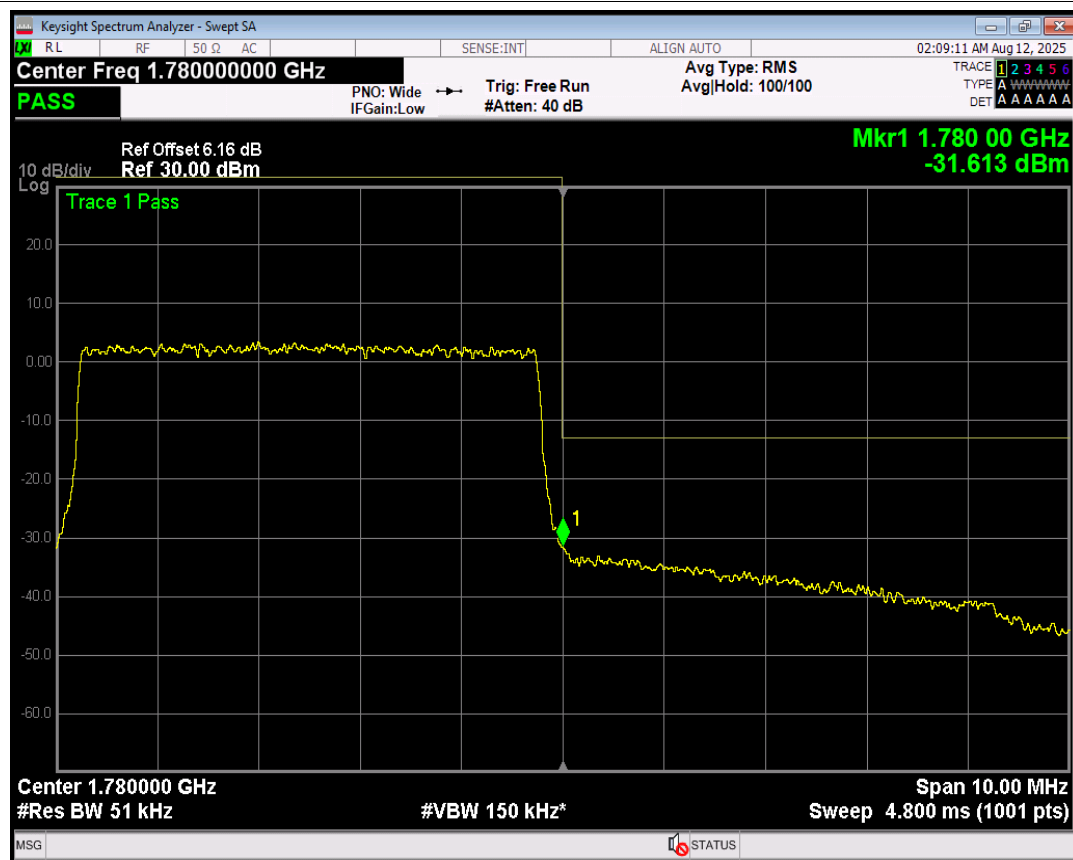
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



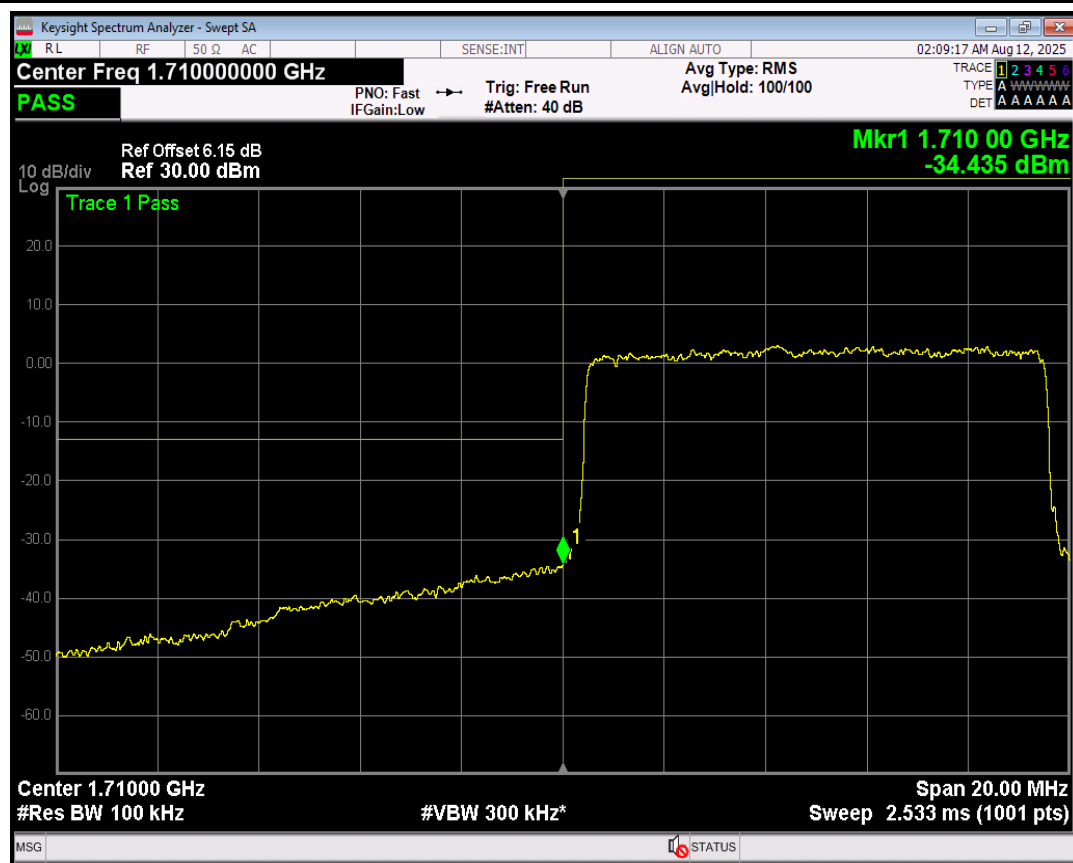
Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



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



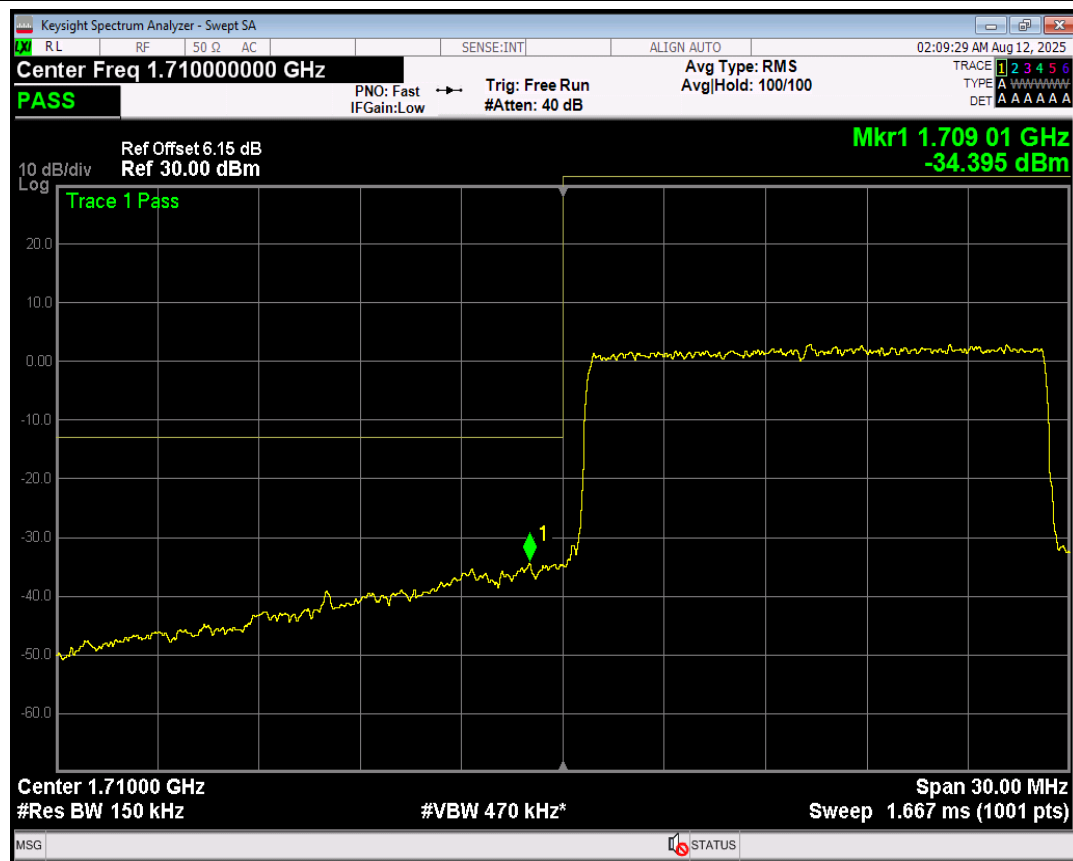
Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0



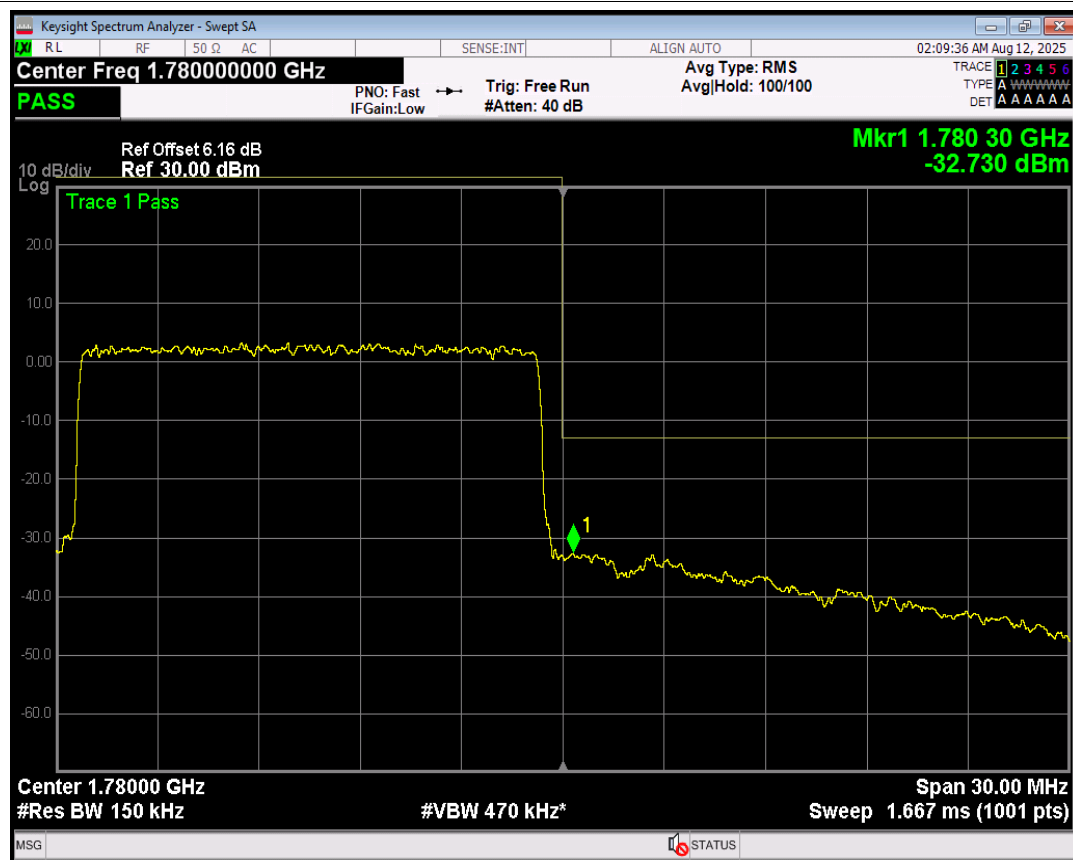
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



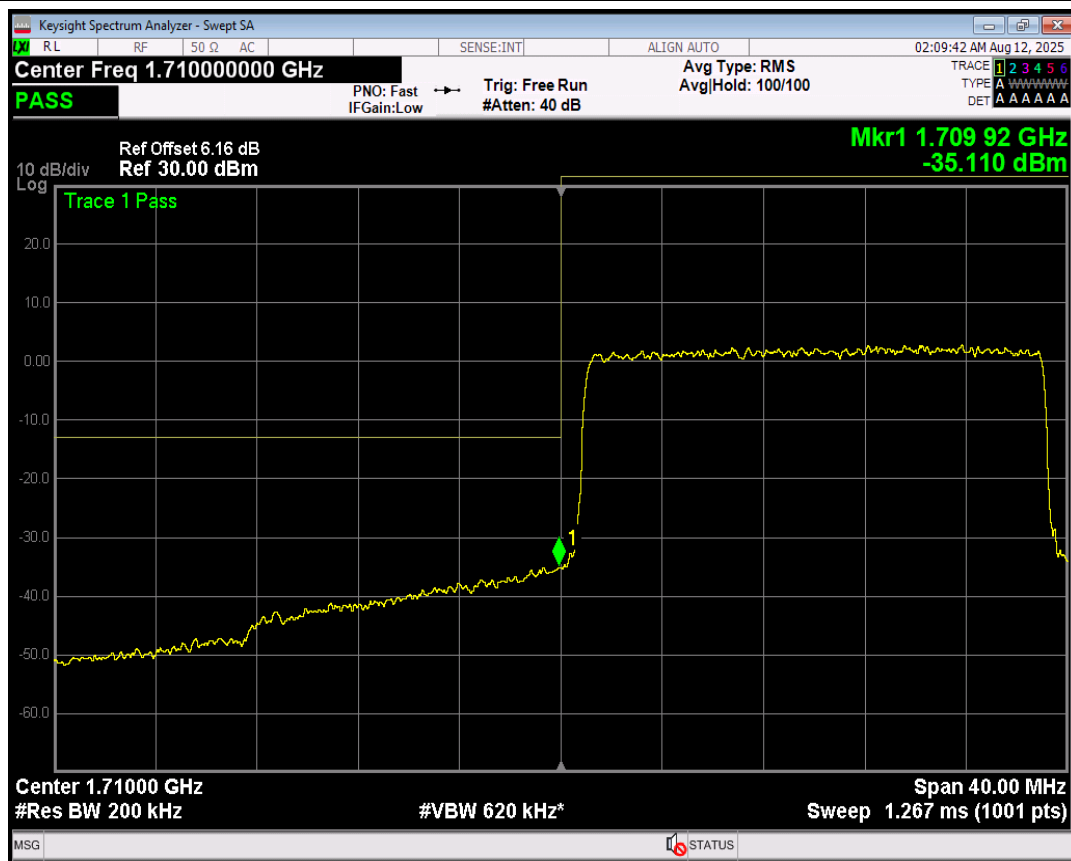
Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0



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



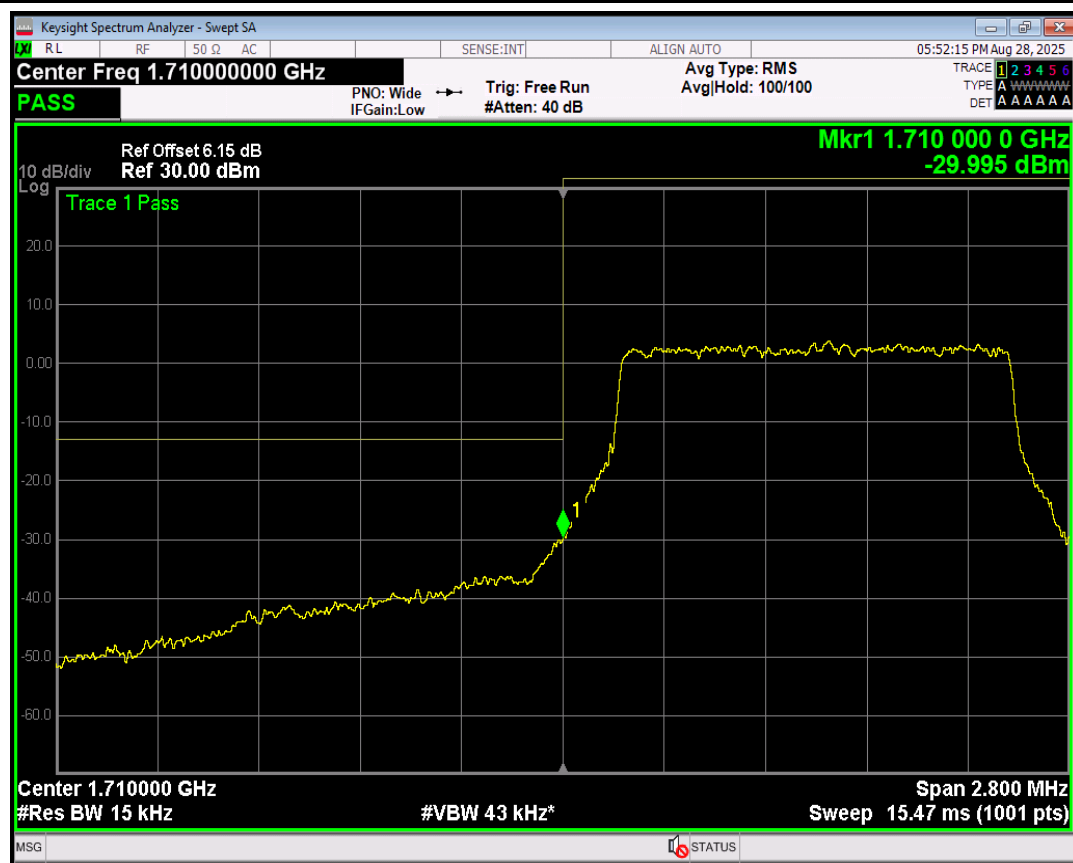
Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0



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



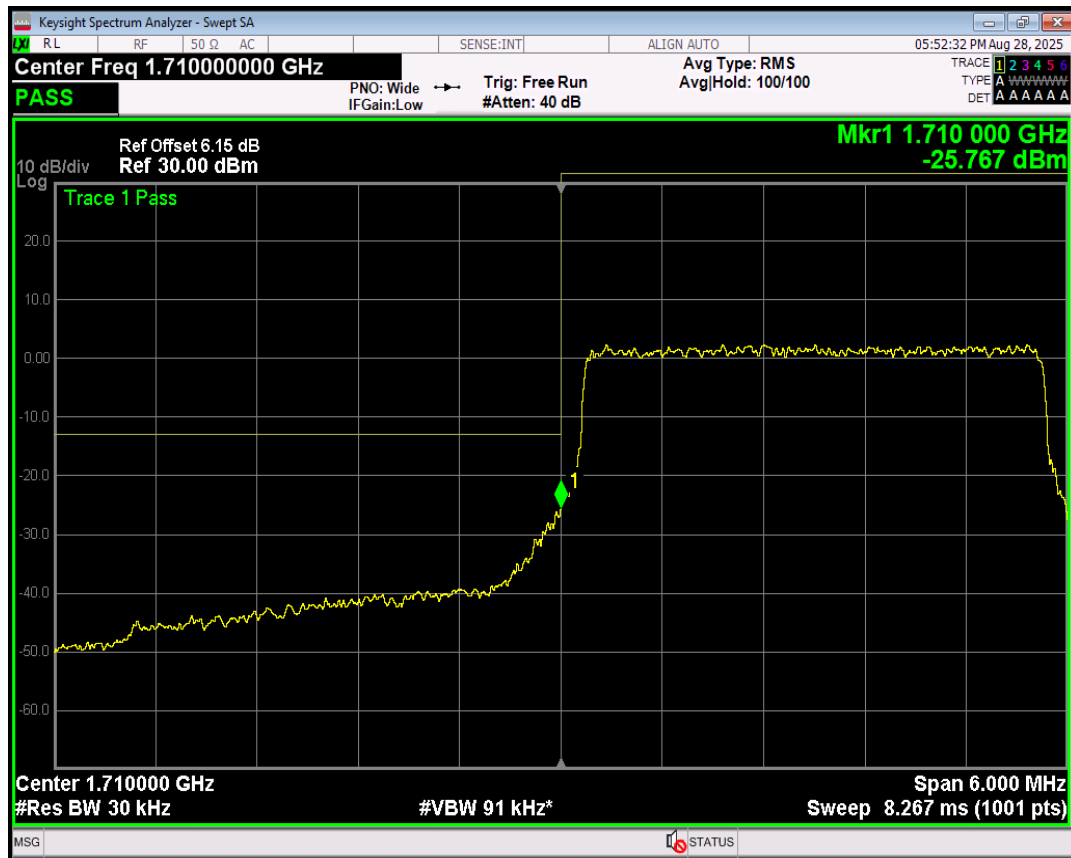
Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



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



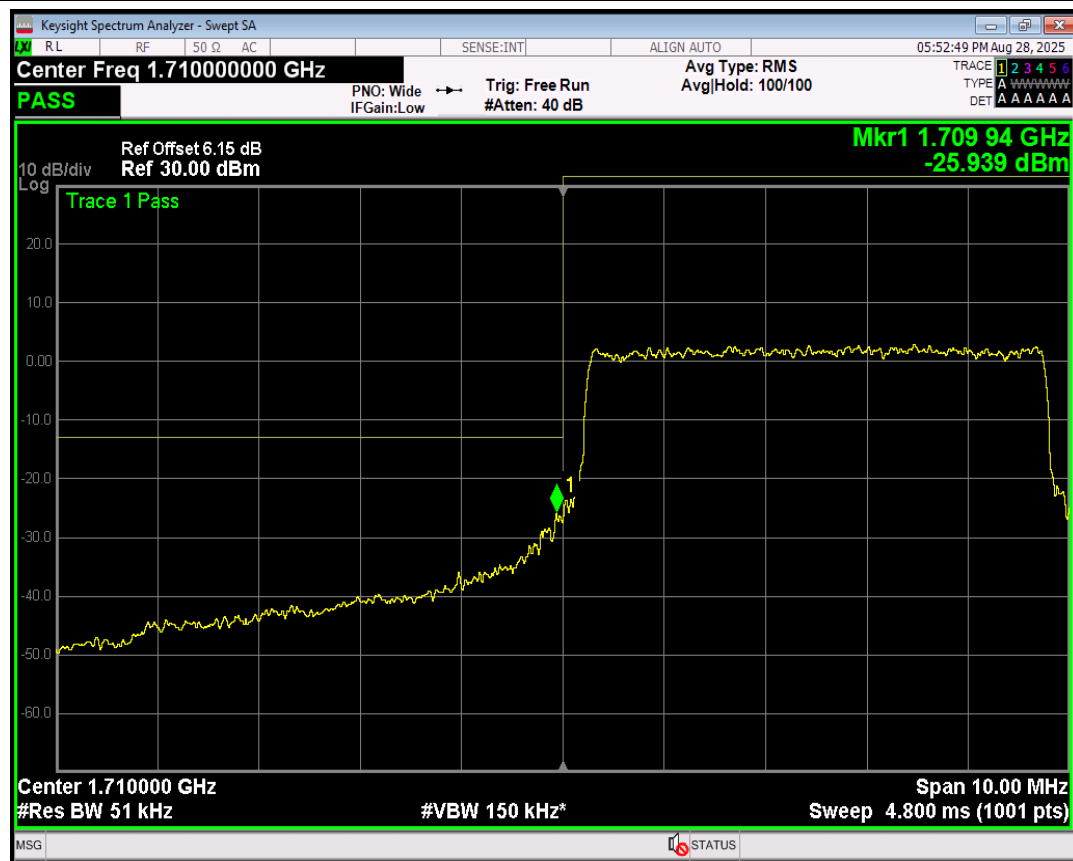
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0



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



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



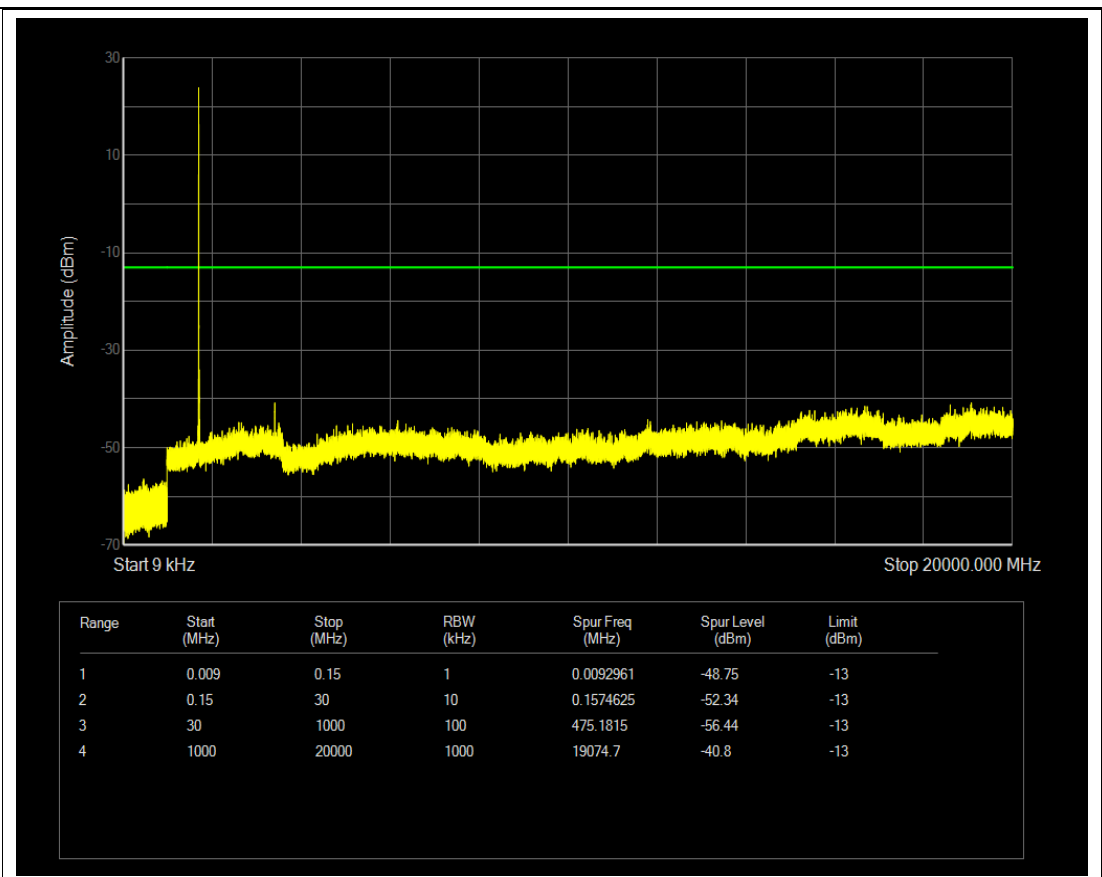
Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0



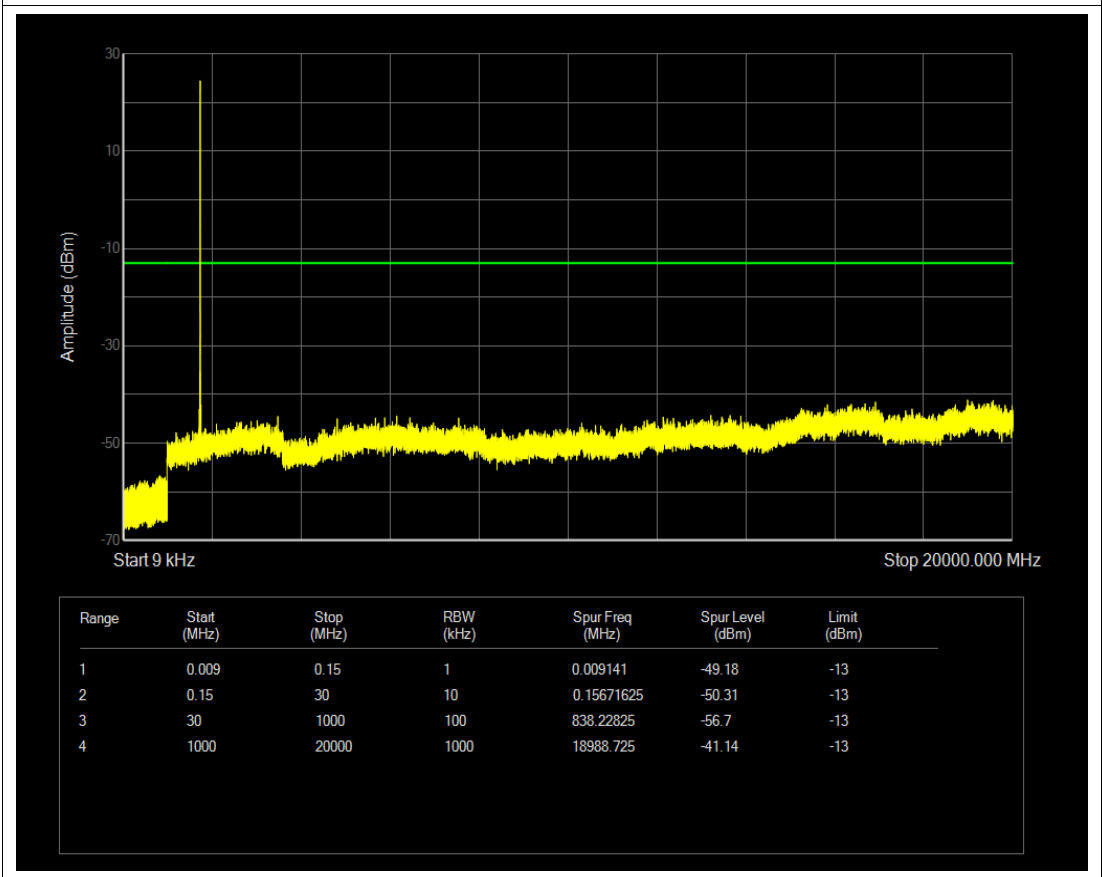
Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0

Out-of-band emissions

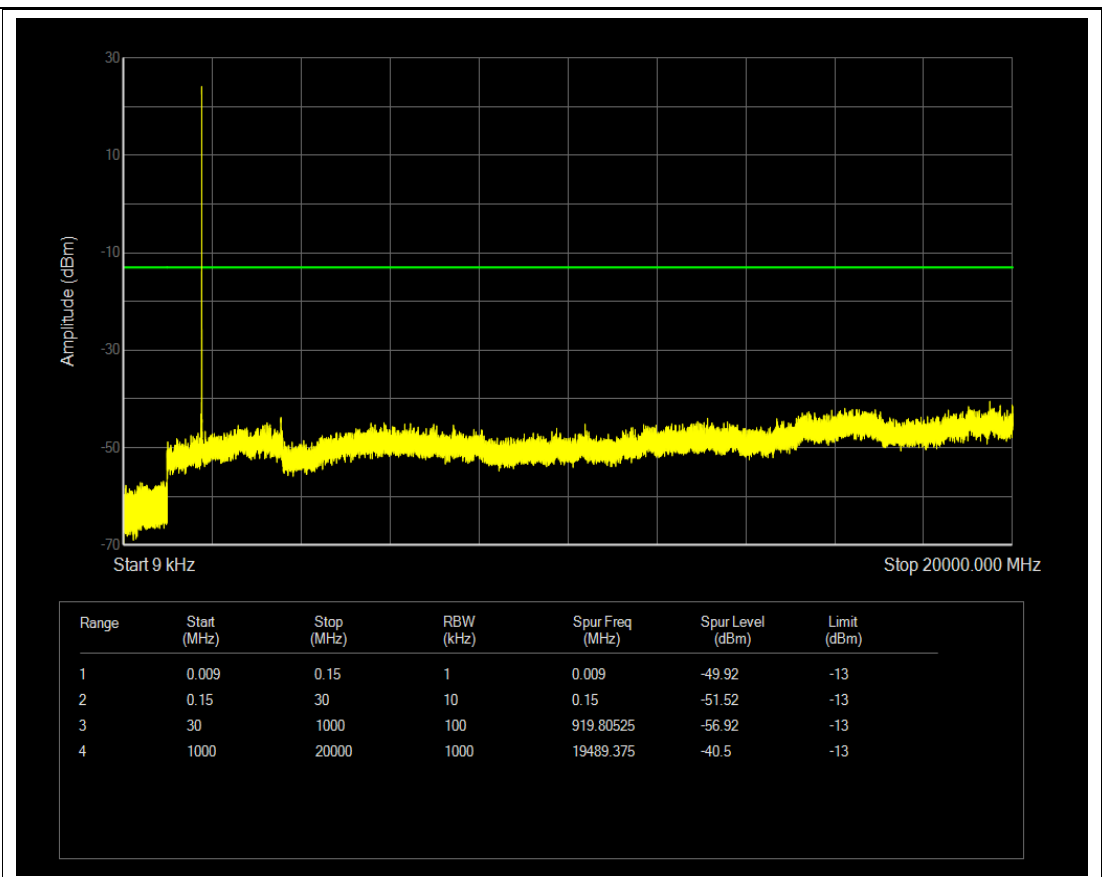
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band66	1.4	131979	6	#0	QPSK	19074.7	-40.8	-13	PASS
Band66	1.4	132322	6	#0	QPSK	18988.73	-41.14	-13	PASS
Band66	1.4	132665	6	#0	QPSK	19489.38	-40.5	-13	PASS
Band66	1.4	131979	6	#0	16QAM	19581.05	-40.82	-13	PASS
Band66	1.4	132322	6	#0	16QAM	3489.95	-36.09	-13	PASS
Band66	1.4	132665	6	#0	16QAM	3559.3	-35.34	-13	PASS
Band66	3	131987	15	#0	QPSK	15330.75	-40.97	-13	PASS
Band66	3	132322	15	#0	QPSK	19572.98	-40.87	-13	PASS
Band66	3	132657	15	#0	QPSK	19351.63	-40.45	-13	PASS
Band66	3	131987	15	#0	16QAM	19069.95	-40.67	-13	PASS
Band66	3	132322	15	#0	16QAM	3489	-38.35	-13	PASS
Band66	3	132657	15	#0	16QAM	3557.4	-36.68	-13	PASS
Band66	5	131997	25	#0	QPSK	19065.68	-41.8	-13	PASS
Band66	5	132322	25	#0	QPSK	16388.58	-41.12	-13	PASS
Band66	5	132647	25	#0	QPSK	19547.33	-40.1	-13	PASS
Band66	5	131997	25	#0	16QAM	19039.08	-40.82	-13	PASS
Band66	5	132322	25	#0	16QAM	3489.95	-39.52	-13	PASS
Band66	5	132647	25	#0	16QAM	3554.55	-39.27	-13	PASS
Band66	10	132022	50	#0	QPSK	19040.5	-41.12	-13	PASS
Band66	10	132322	50	#0	QPSK	19714.05	-40.49	-13	PASS
Band66	10	132622	50	#0	QPSK	18749.33	-41.39	-13	PASS
Band66	15	132047	75	#0	QPSK	19539.73	-40.76	-13	PASS
Band66	15	132322	75	#0	QPSK	18927.93	-40.85	-13	PASS
Band66	15	132597	75	#0	QPSK	19025.78	-40.44	-13	PASS
Band66	20	132072	100	#0	QPSK	18967.35	-40.76	-13	PASS
Band66	20	132322	100	#0	QPSK	19619.05	-41.5	-13	PASS
Band66	20	132572	100	#0	QPSK	19045.73	-40.71	-13	PASS



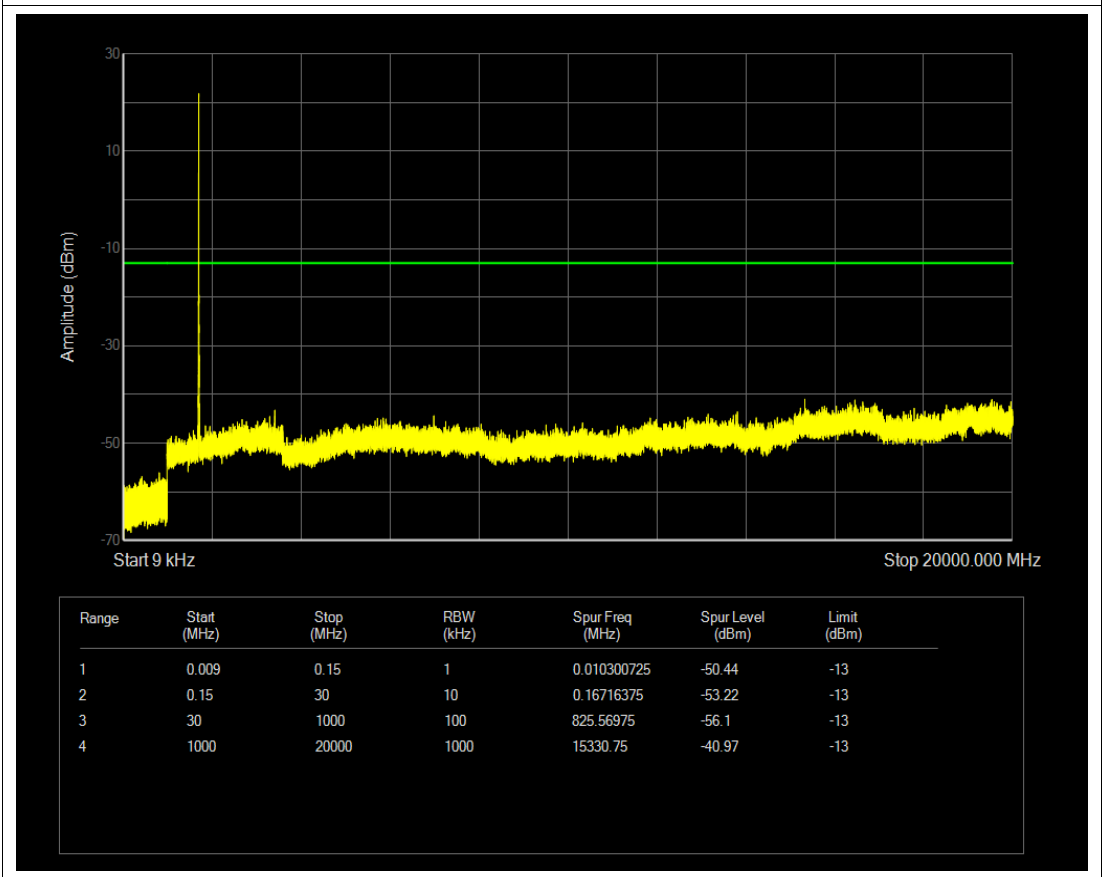
Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



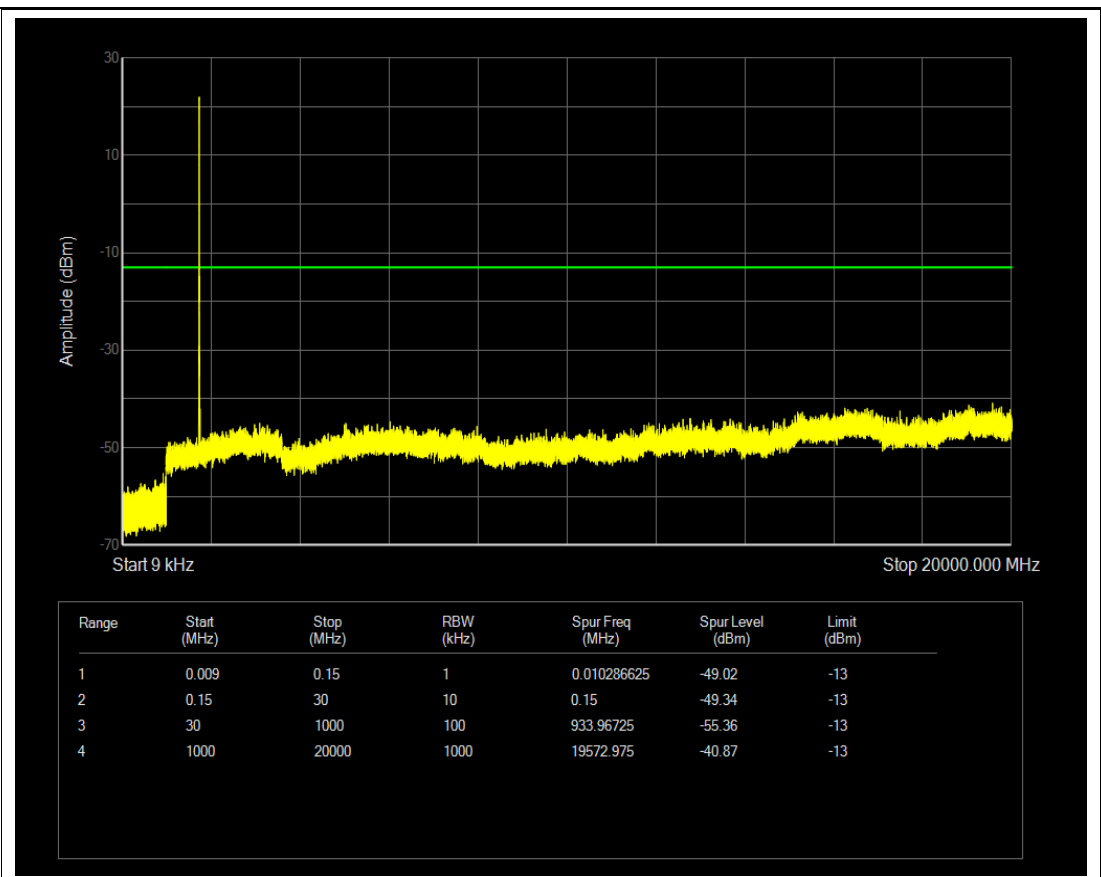
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



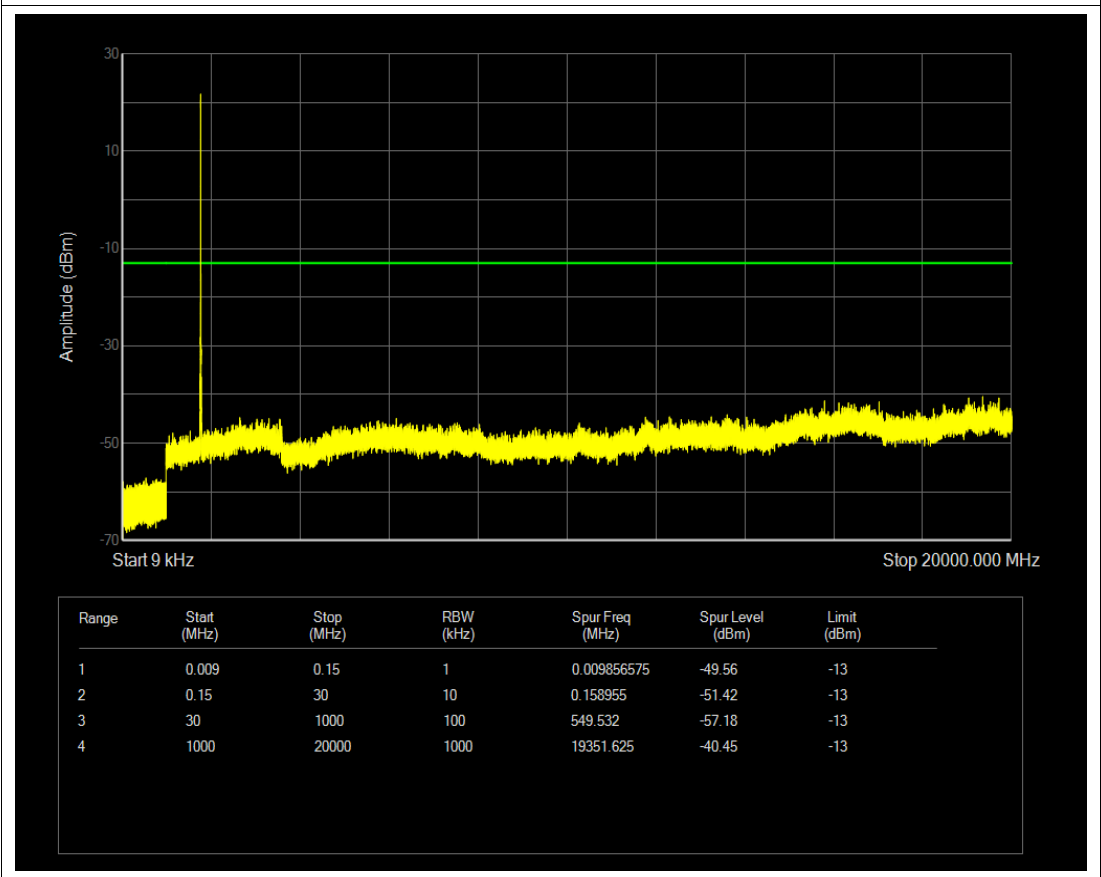
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



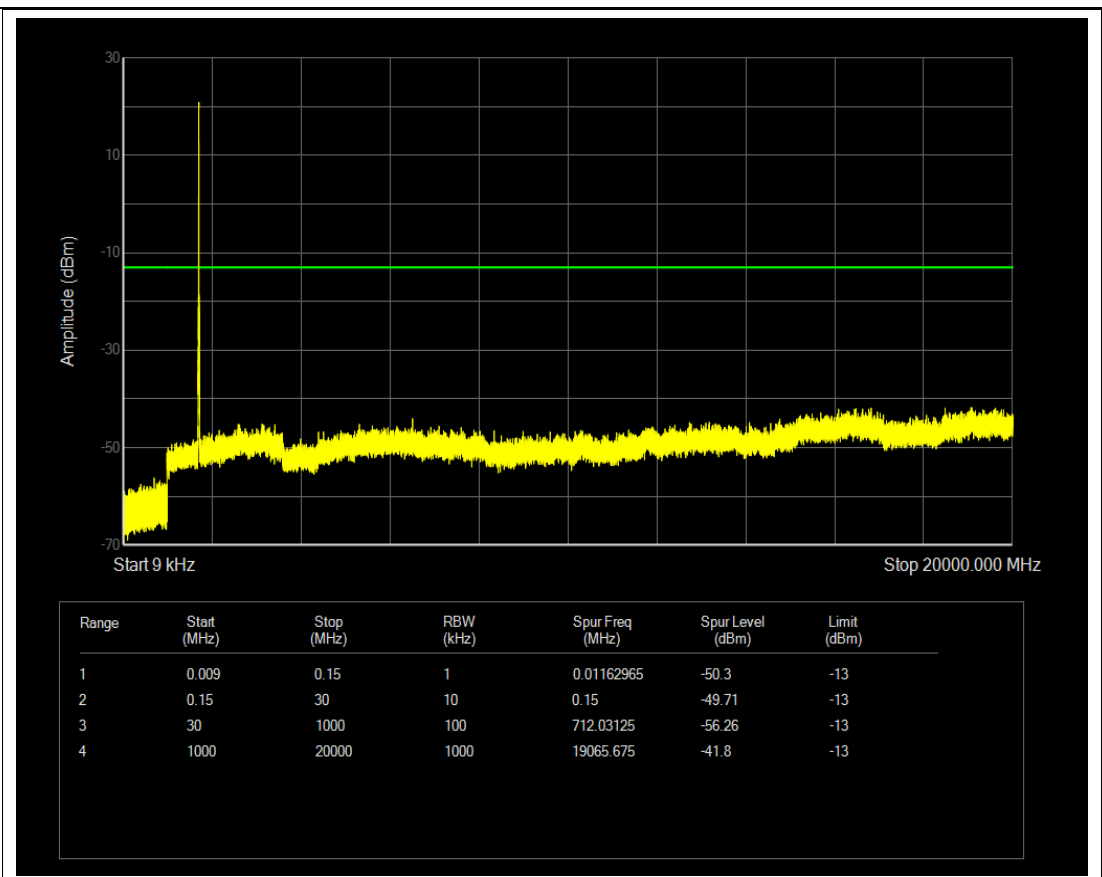
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



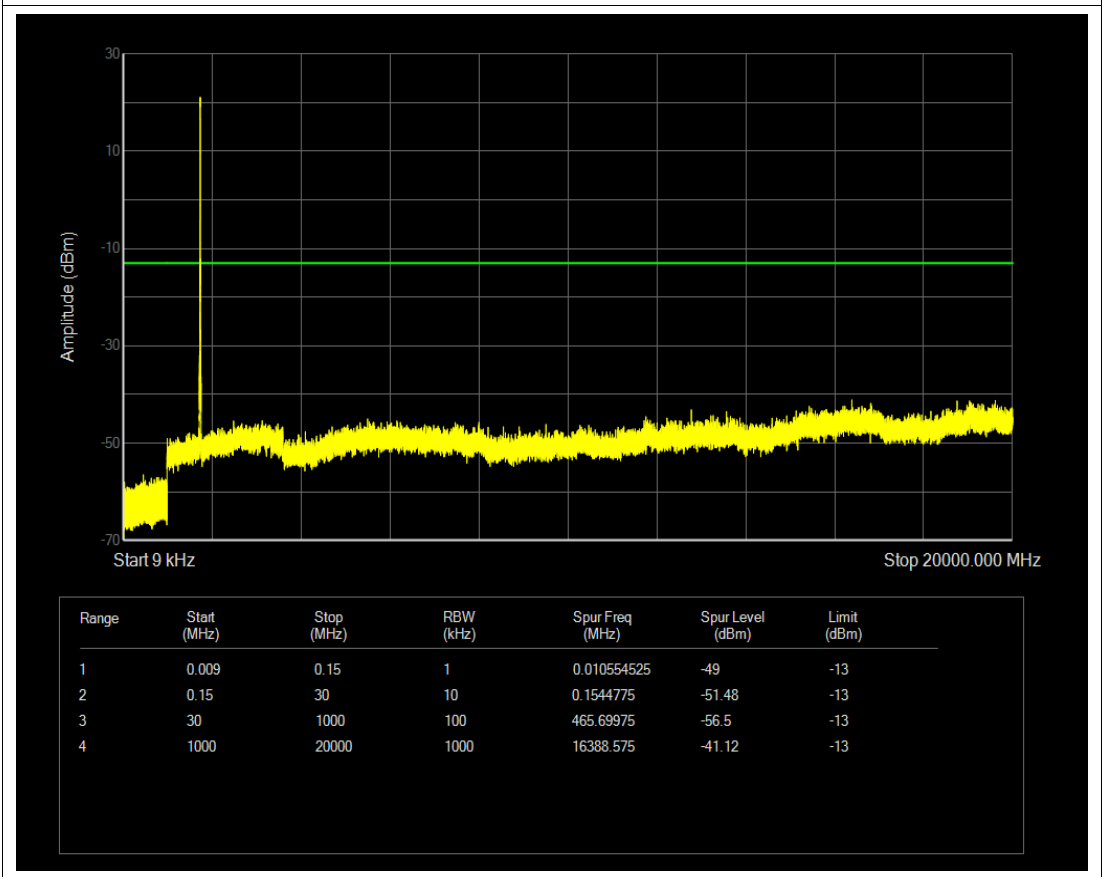
Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



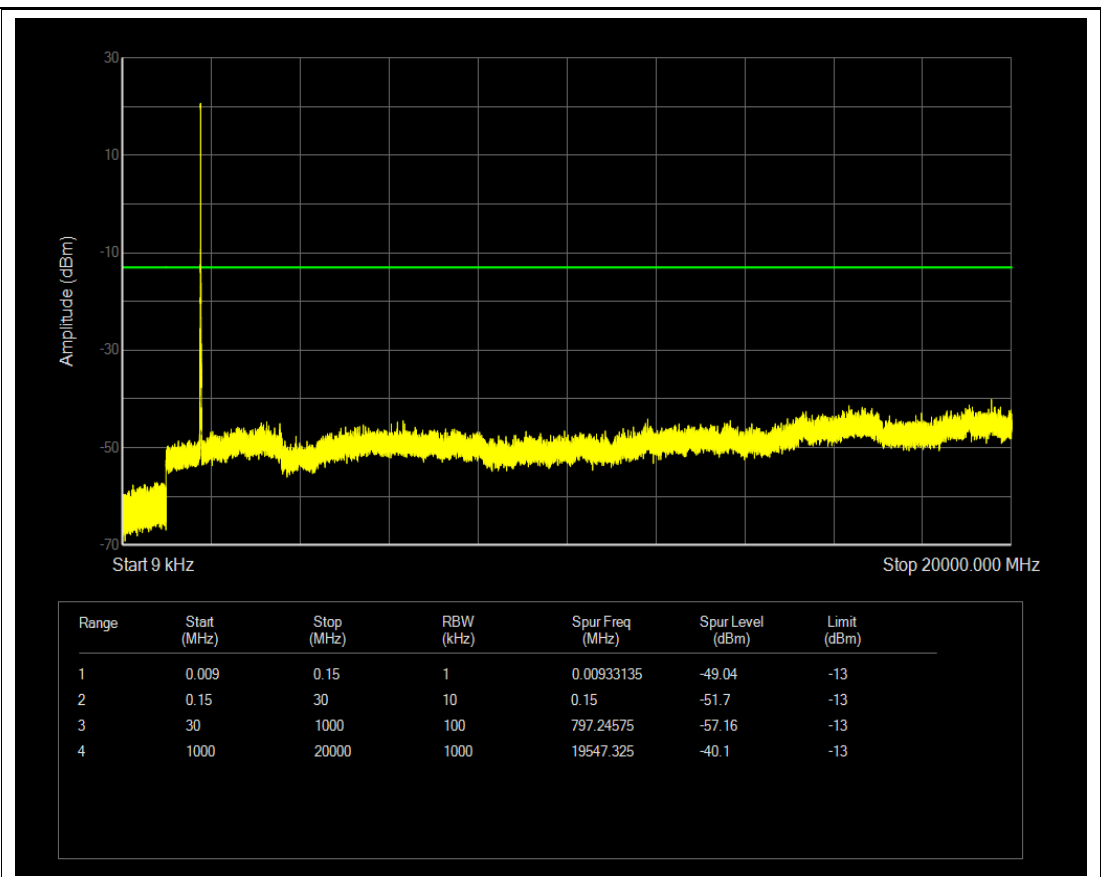
Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



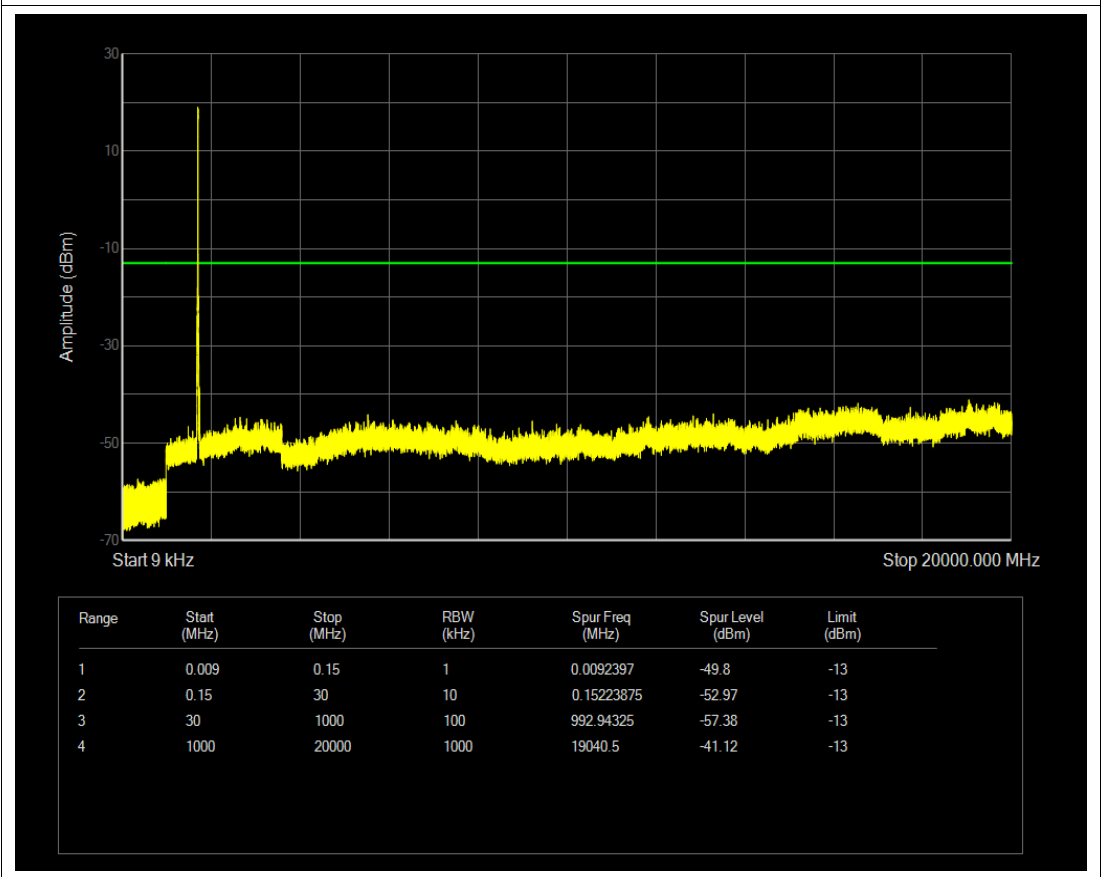
Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0



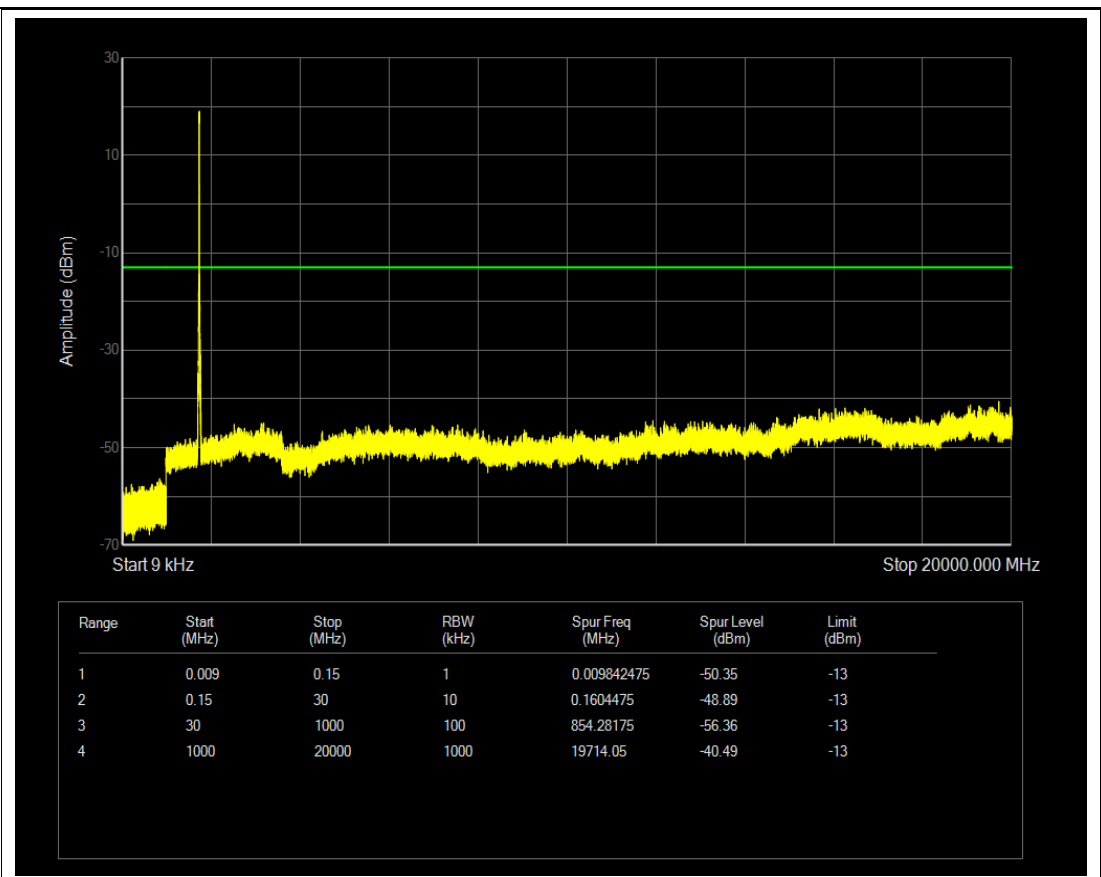
Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



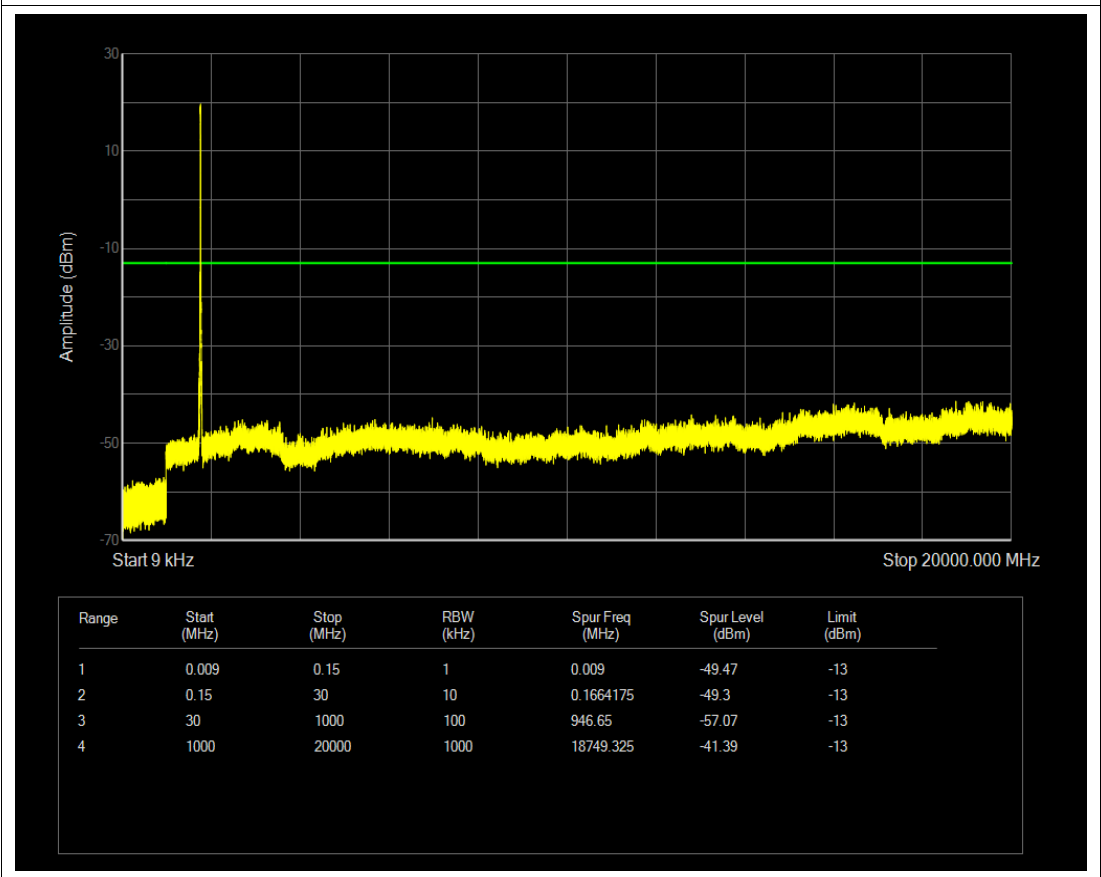
Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0



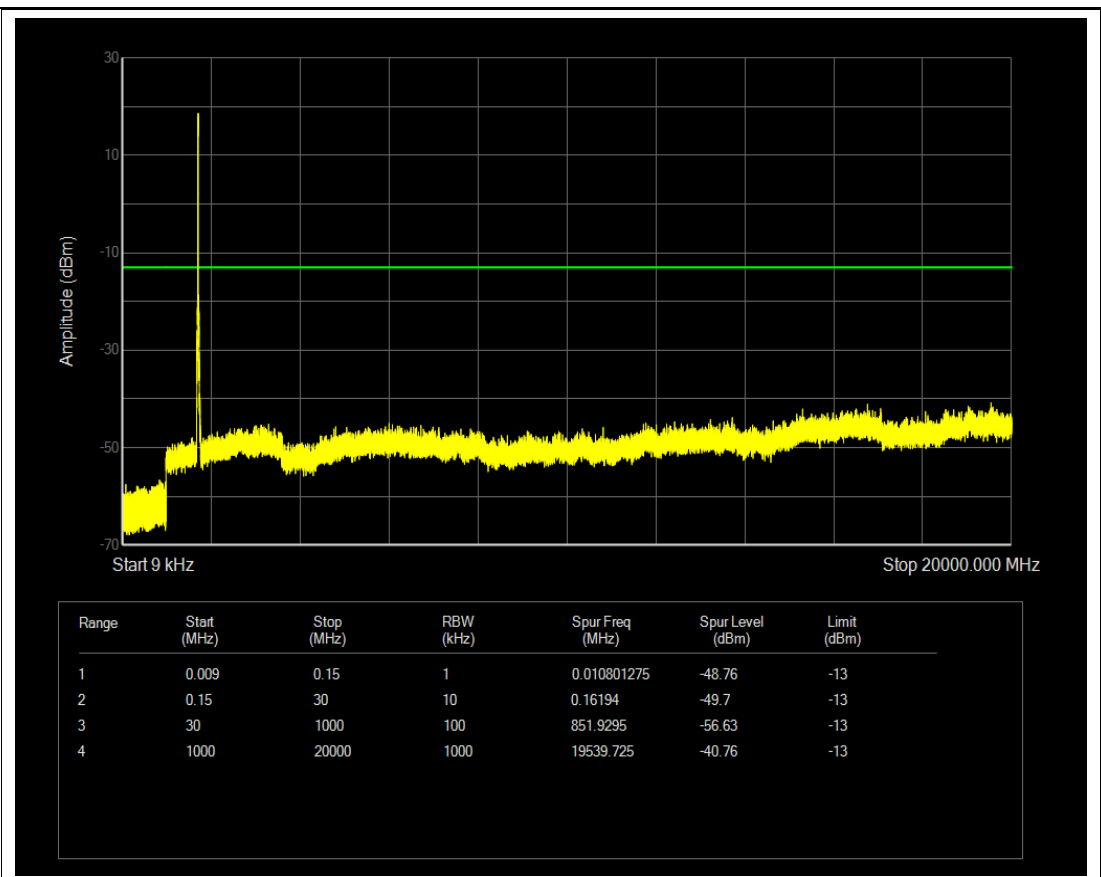
Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0



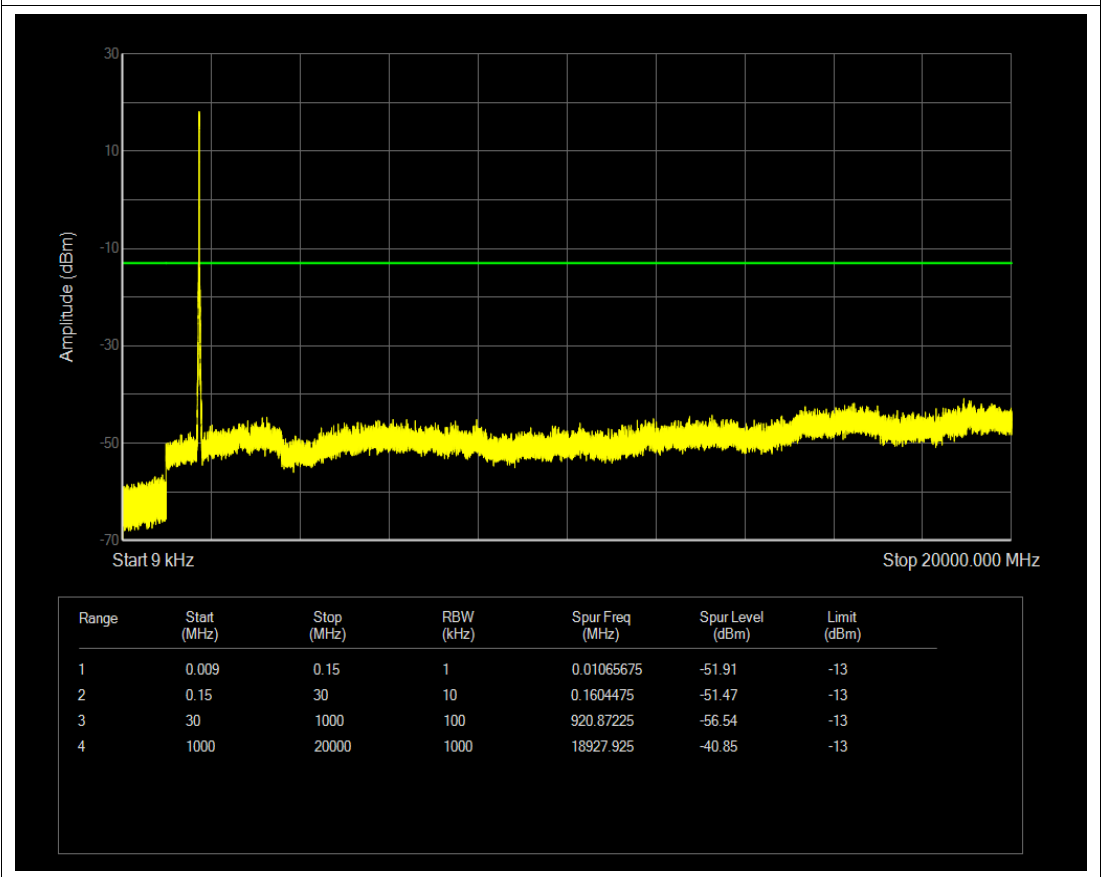
Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0



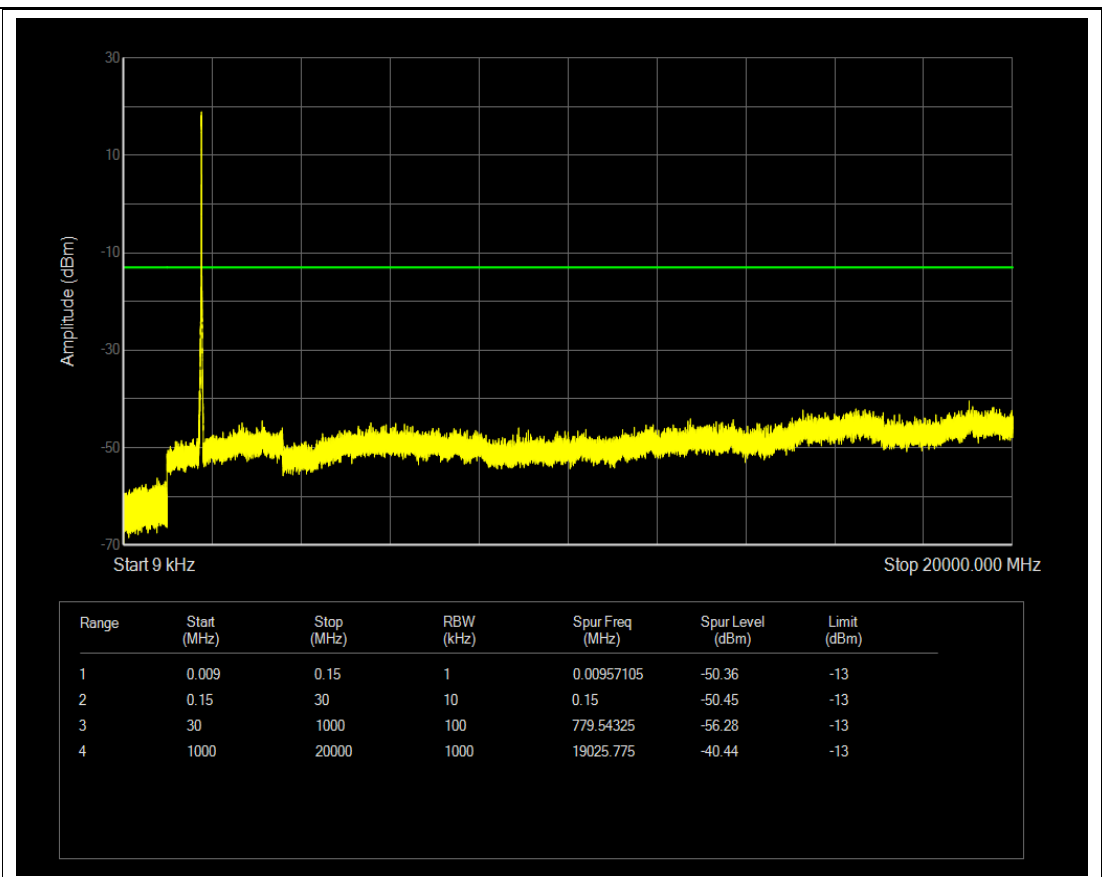
Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0



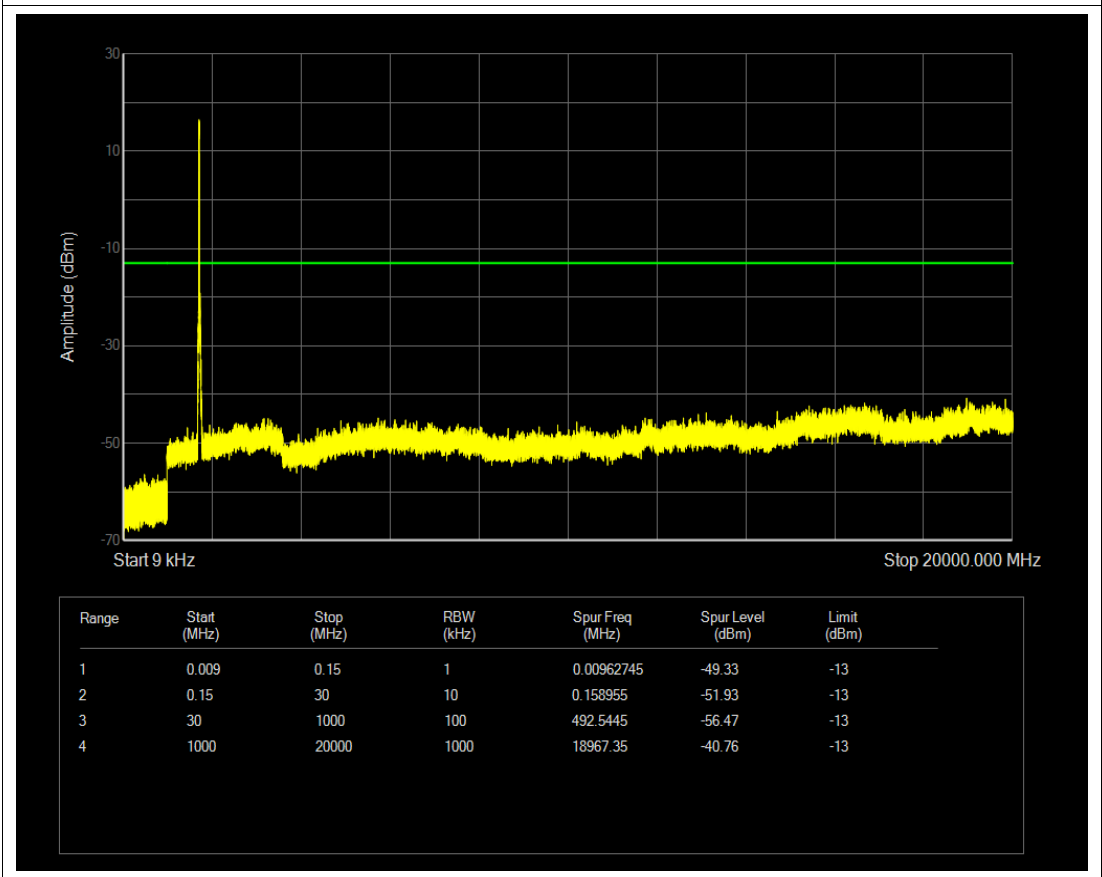
Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0



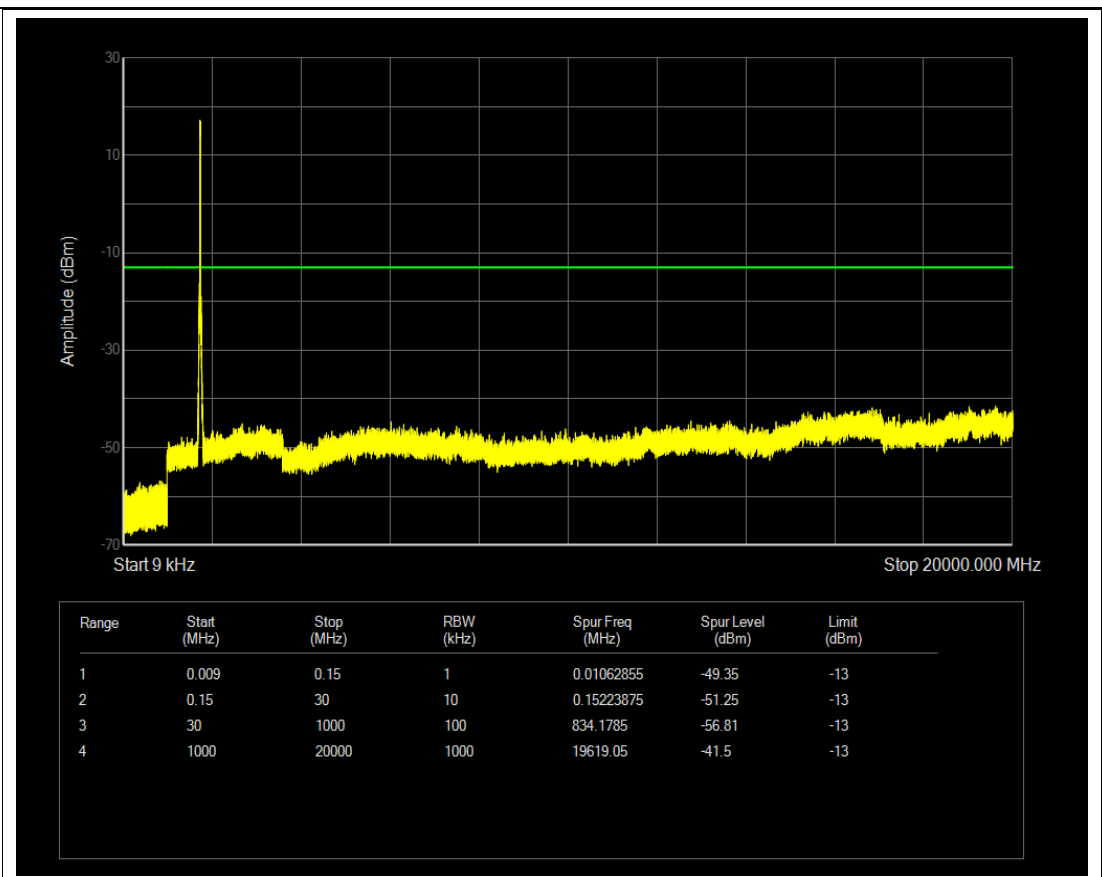
Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0



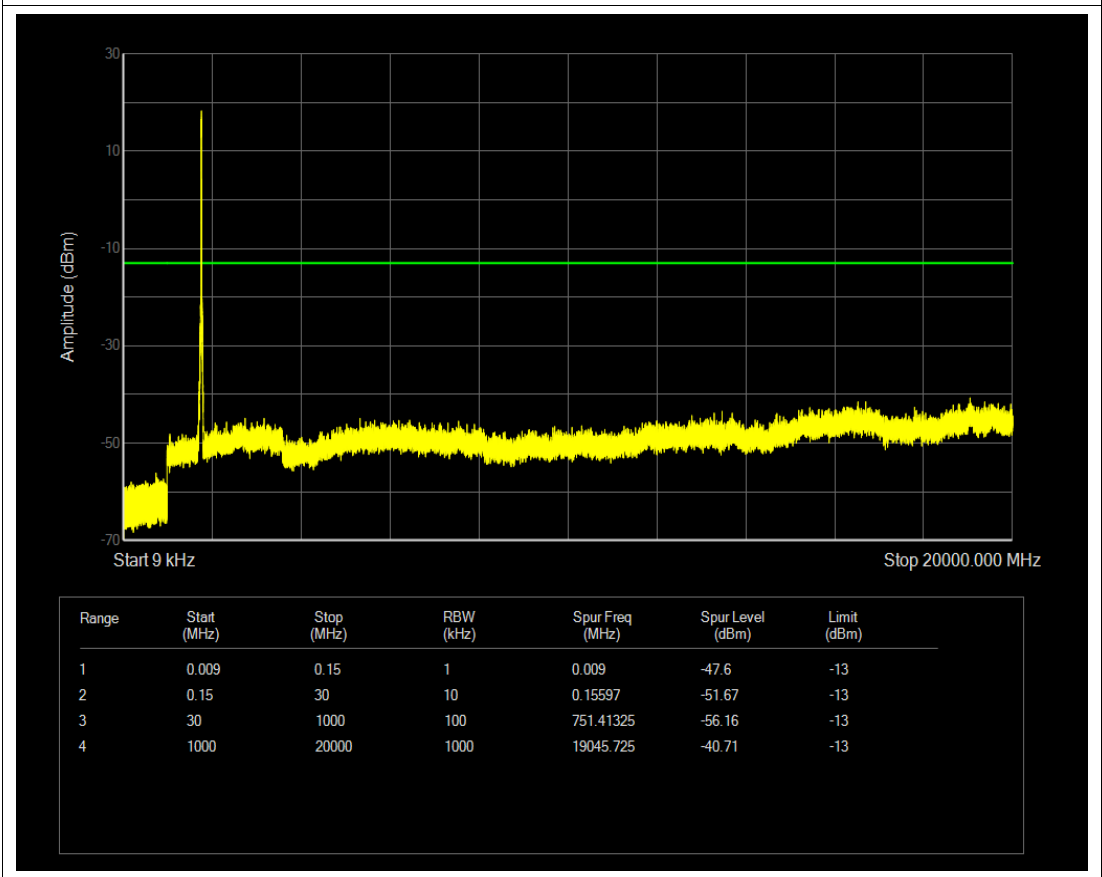
Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0



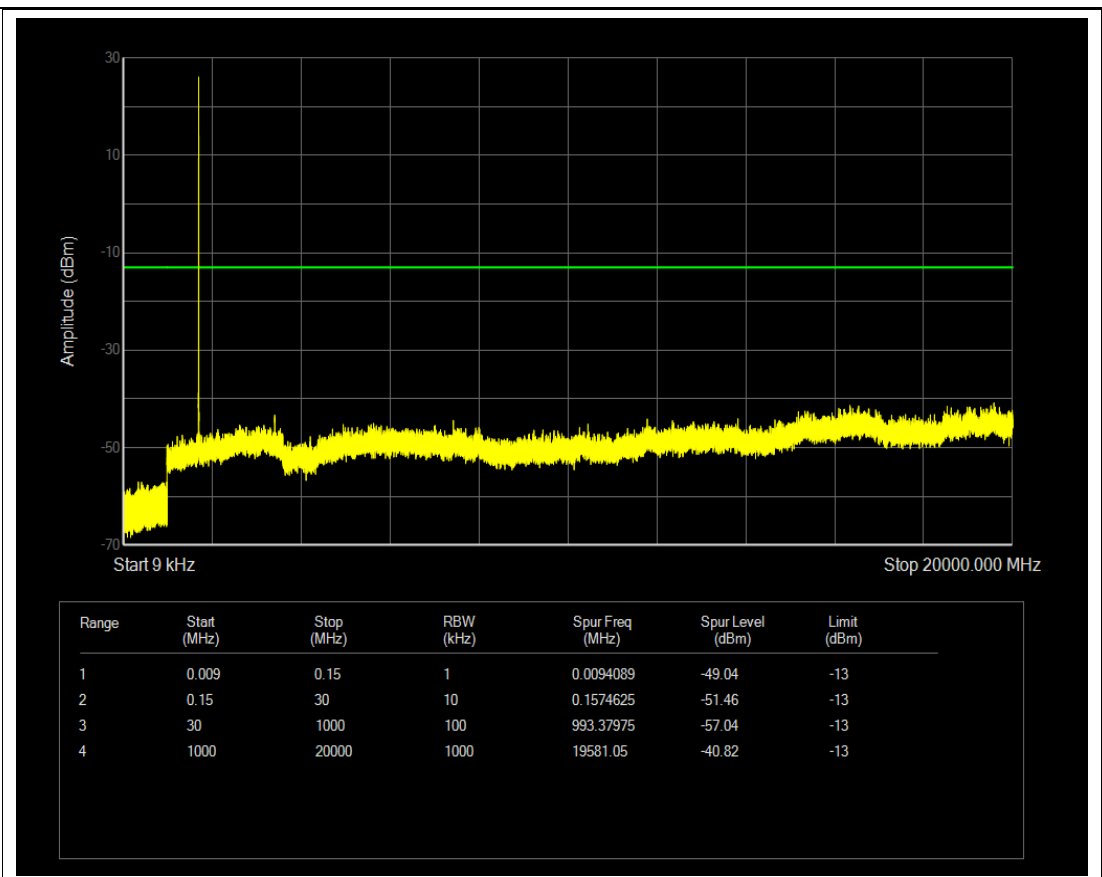
Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0



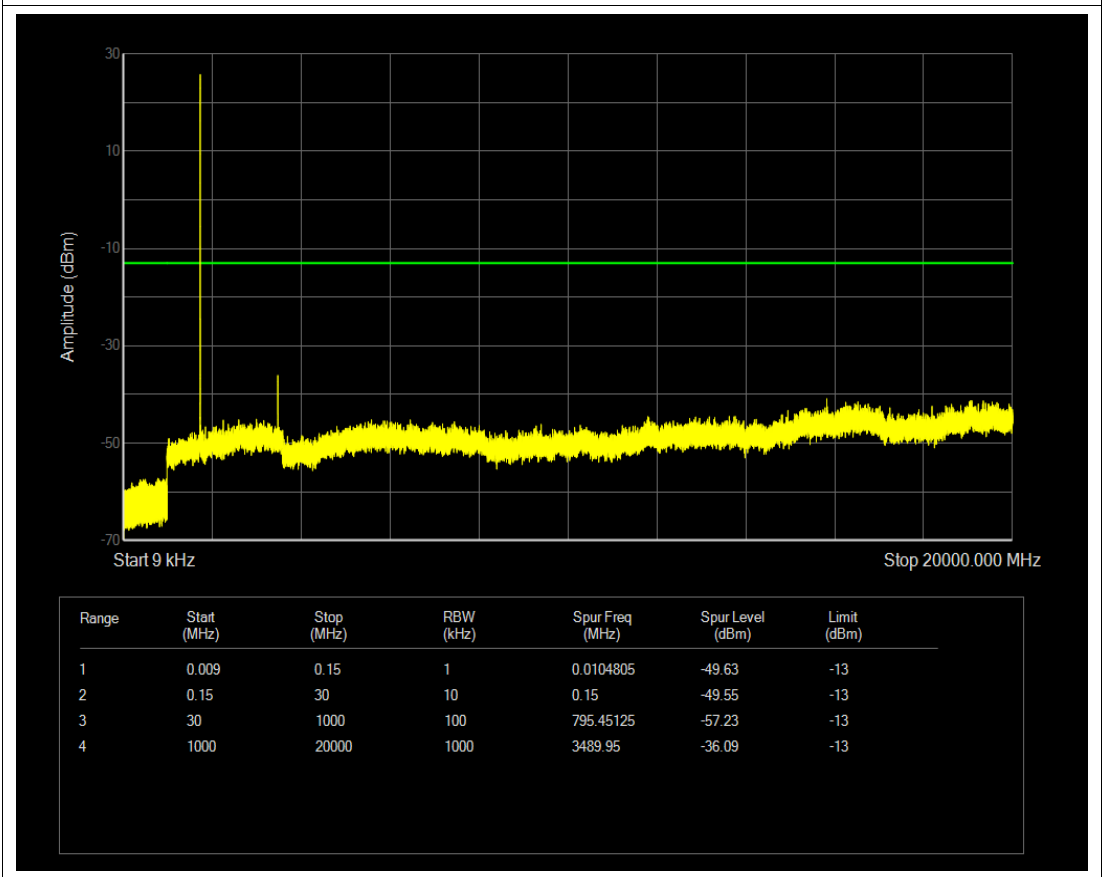
Band66 QPSK BW=20MHz Channel=132322 RB Size=100 Position=#0



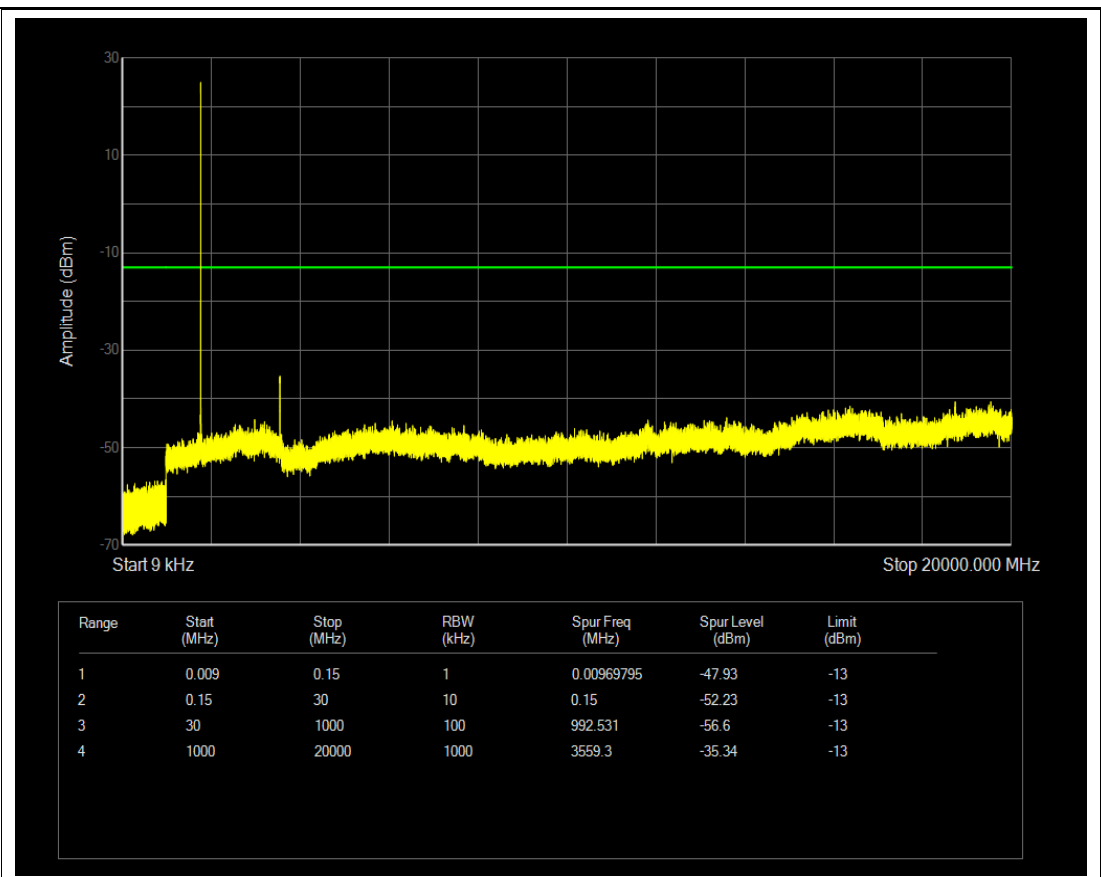
Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



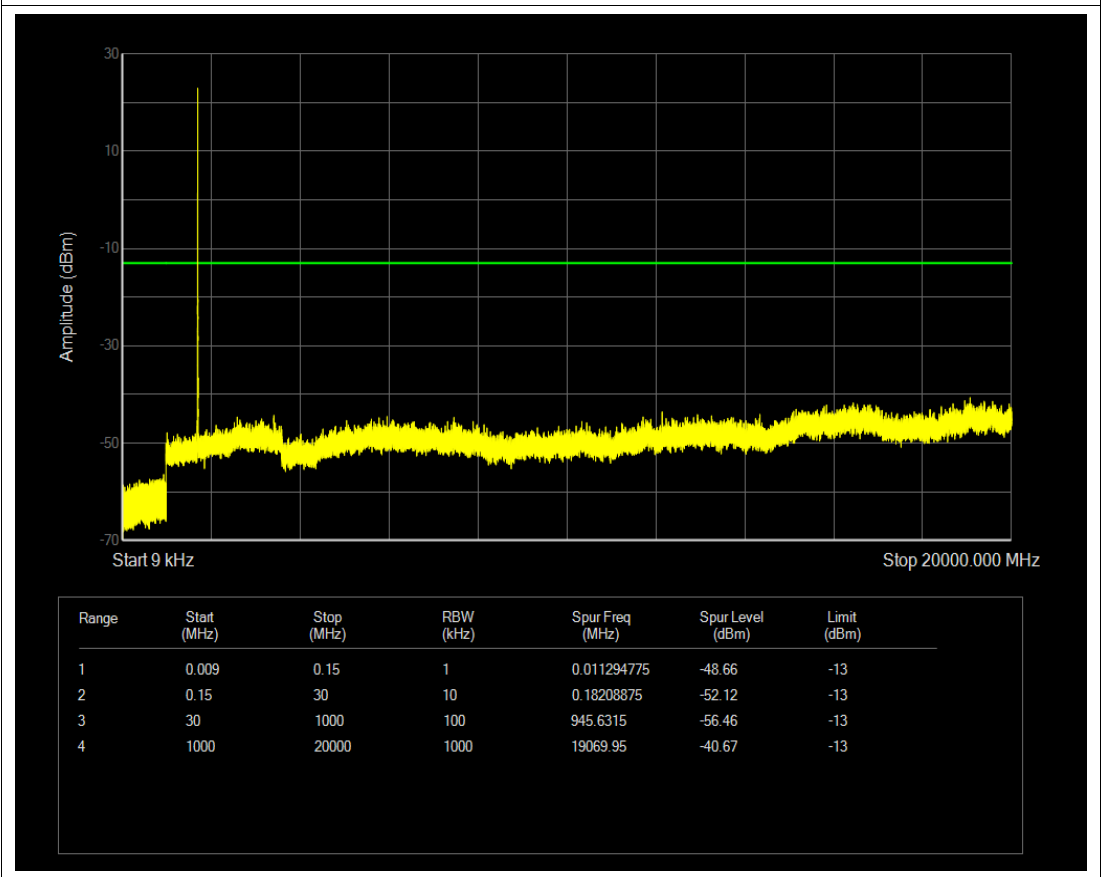
Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0



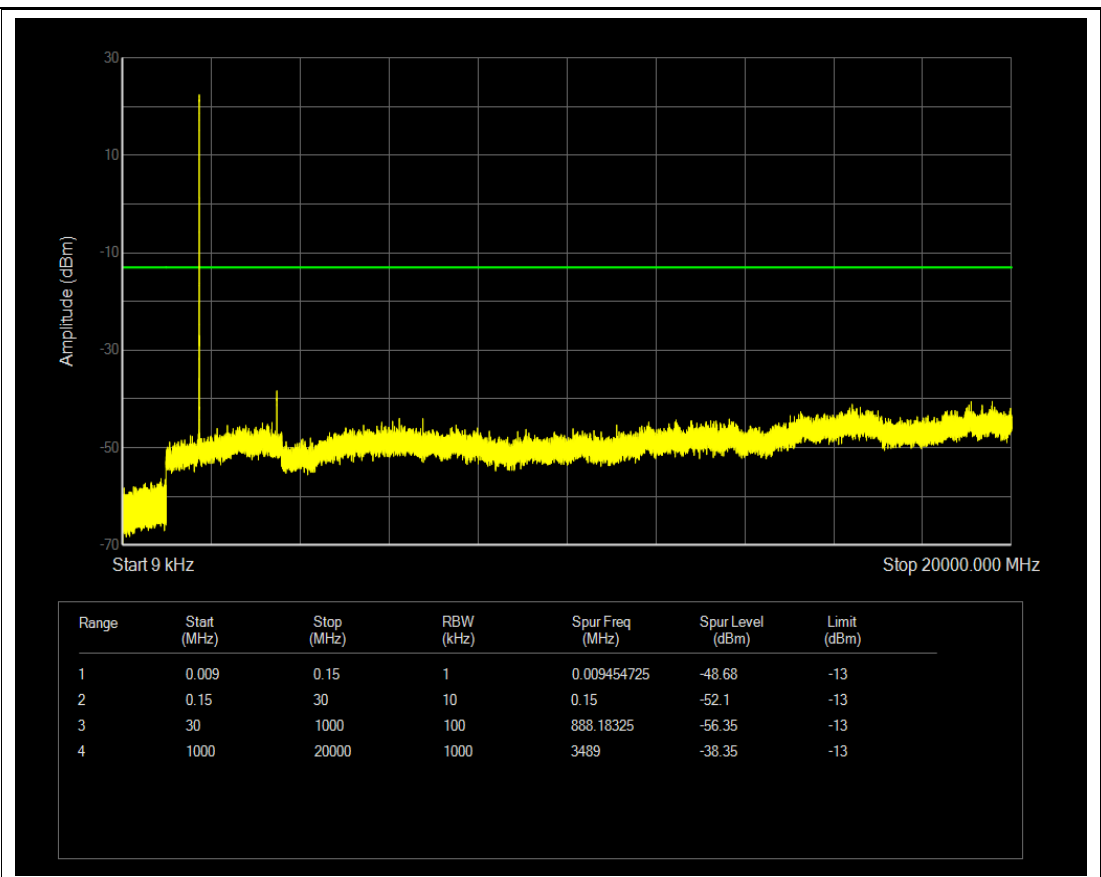
Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0



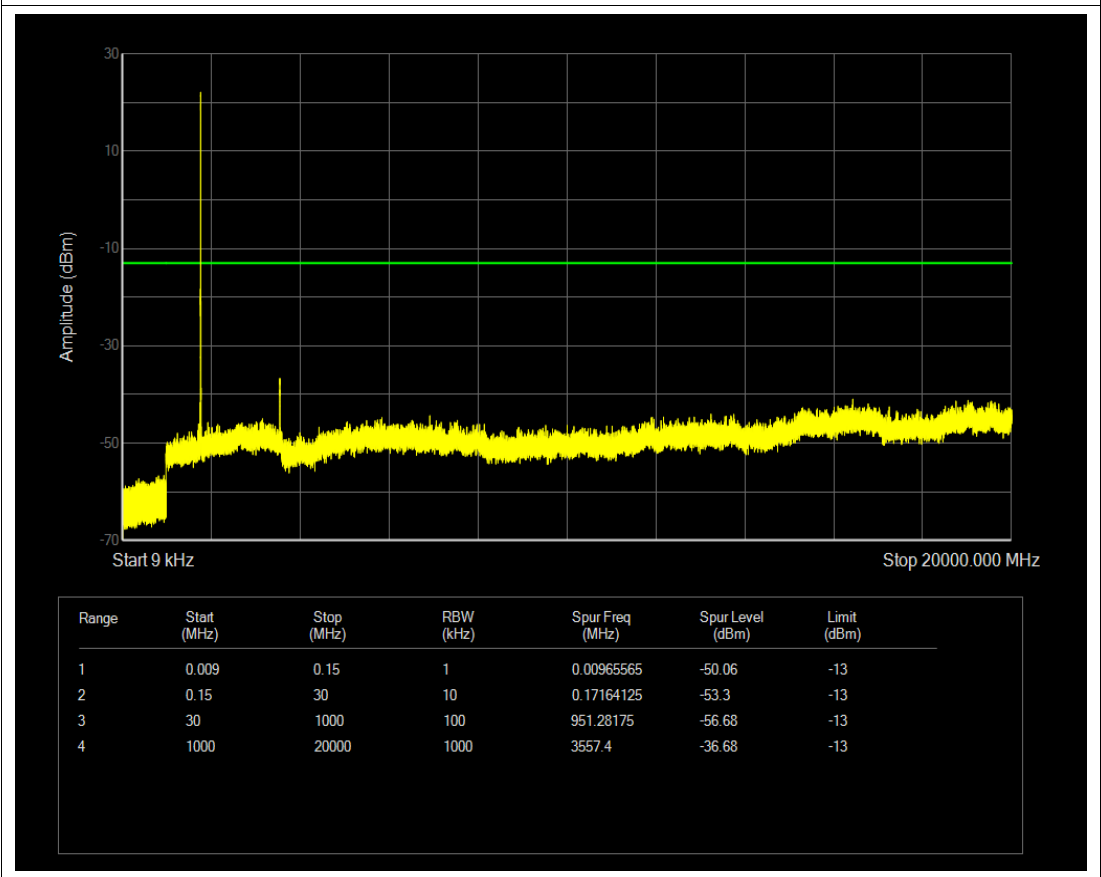
Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0



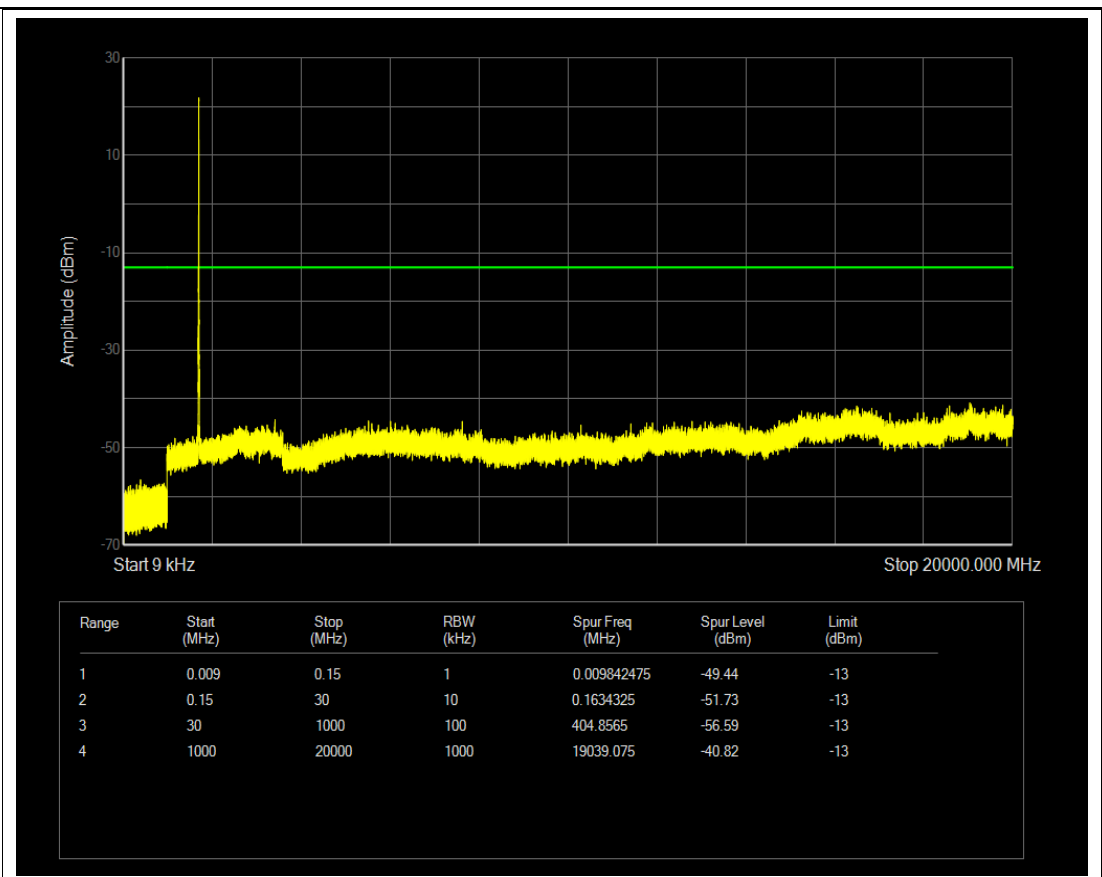
Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0



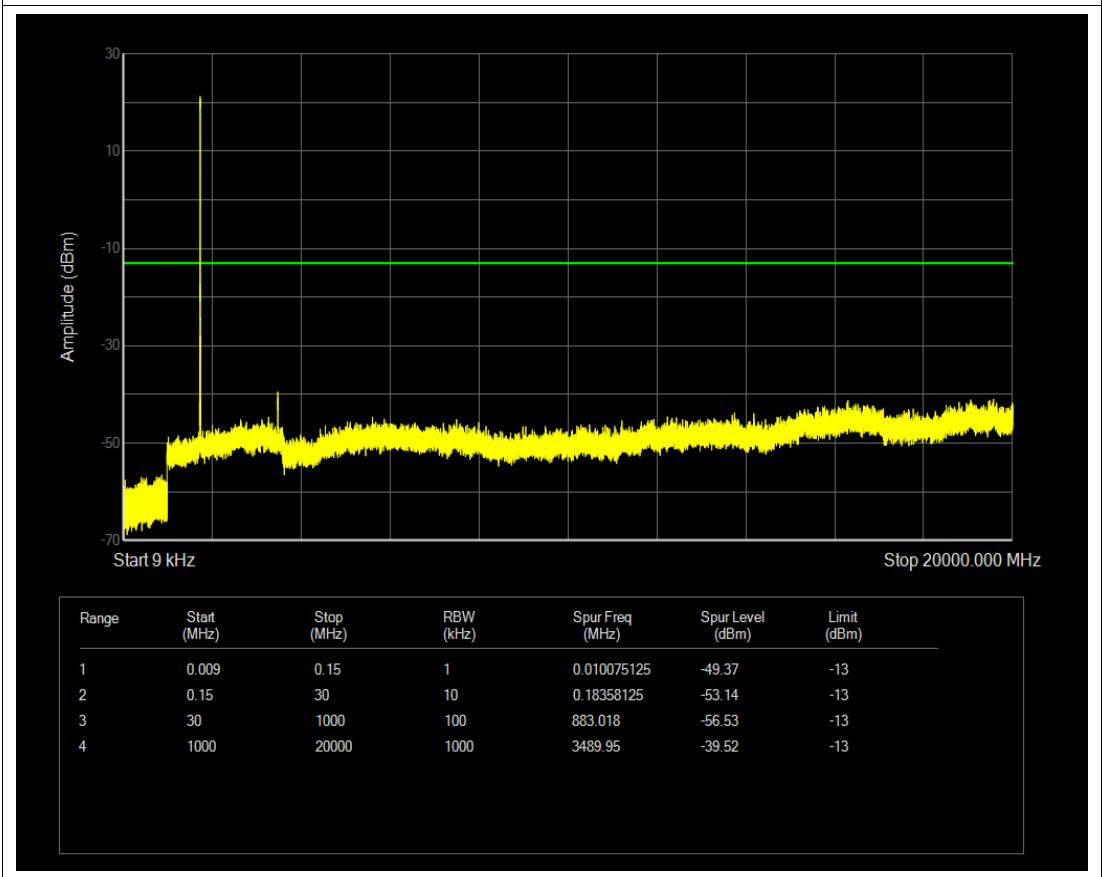
Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0



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



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



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

