

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	ERP (dBm)	Verdict
Band13	5	23205	1	#0	QPSK	22.45	-2.6	17.70	PASS
Band13	5	23205	1	#Mid	QPSK	22.53	-2.6	17.78	PASS
Band13	5	23205	1	#Max	QPSK	22.48	-2.6	17.73	PASS
Band13	5	23205	12	#0	QPSK	21.60	-2.6	16.85	PASS
Band13	5	23205	12	#Mid	QPSK	21.58	-2.6	16.83	PASS
Band13	5	23205	12	#Max	QPSK	21.63	-2.6	16.88	PASS
Band13	5	23205	25	#0	QPSK	21.58	-2.6	16.83	PASS
Band13	5	23205	1	#0	16QAM	21.75	-2.6	17.00	PASS
Band13	5	23205	1	#Mid	16QAM	21.84	-2.6	17.09	PASS
Band13	5	23205	1	#Max	16QAM	21.74	-2.6	16.99	PASS
Band13	5	23205	12	#0	16QAM	20.51	-2.6	15.76	PASS
Band13	5	23205	12	#Mid	16QAM	20.58	-2.6	15.83	PASS
Band13	5	23205	12	#Max	16QAM	20.65	-2.6	15.90	PASS
Band13	5	23205	25	#0	16QAM	20.51	-2.6	15.76	PASS
Band13	5	23230	1	#0	QPSK	22.52	-2.6	17.77	PASS
Band13	5	23230	1	#Mid	QPSK	22.65	-2.6	17.90	PASS
Band13	5	23230	1	#Max	QPSK	22.50	-2.6	17.75	PASS
Band13	5	23230	12	#0	QPSK	21.55	-2.6	16.80	PASS
Band13	5	23230	12	#Mid	QPSK	21.59	-2.6	16.84	PASS
Band13	5	23230	12	#Max	QPSK	21.58	-2.6	16.83	PASS
Band13	5	23230	25	#0	QPSK	21.57	-2.6	16.82	PASS
Band13	5	23230	1	#0	16QAM	21.80	-2.6	17.05	PASS
Band13	5	23230	1	#Mid	16QAM	22.16	-2.6	17.41	PASS
Band13	5	23230	1	#Max	16QAM	21.90	-2.6	17.15	PASS
Band13	5	23230	12	#0	16QAM	20.59	-2.6	15.84	PASS
Band13	5	23230	12	#Mid	16QAM	20.60	-2.6	15.85	PASS
Band13	5	23230	12	#Max	16QAM	20.56	-2.6	15.81	PASS
Band13	5	23230	25	#0	16QAM	20.57	-2.6	15.82	PASS
Band13	5	23255	1	#0	QPSK	22.58	-2.6	17.83	PASS
Band13	5	23255	1	#Mid	QPSK	22.62	-2.6	17.87	PASS
Band13	5	23255	1	#Max	QPSK	22.49	-2.6	17.74	PASS
Band13	5	23255	12	#0	QPSK	21.60	-2.6	16.85	PASS
Band13	5	23255	12	#Mid	QPSK	21.64	-2.6	16.89	PASS
Band13	5	23255	12	#Max	QPSK	21.60	-2.6	16.85	PASS
Band13	5	23255	25	#0	QPSK	21.61	-2.6	16.86	PASS
Band13	5	23255	1	#0	16QAM	21.92	-2.6	17.17	PASS
Band13	5	23255	1	#Mid	16QAM	21.85	-2.6	17.10	PASS
Band13	5	23255	1	#Max	16QAM	21.76	-2.6	17.01	PASS

Band13	5	23255	12	#0	16QAM	20.60	-2.6	15.85	PASS
Band13	5	23255	12	#Mid	16QAM	20.68	-2.6	15.93	PASS
Band13	5	23255	12	#Max	16QAM	20.58	-2.6	15.83	PASS
Band13	5	23255	25	#0	16QAM	20.61	-2.6	15.86	PASS
Band13	10	23230	1	#0	QPSK	22.56	-2.6	17.81	PASS
Band13	10	23230	1	#Mid	QPSK	22.62	-2.6	17.87	PASS
Band13	10	23230	1	#Max	QPSK	22.49	-2.6	17.74	PASS
Band13	10	23230	25	#0	QPSK	21.52	-2.6	16.77	PASS
Band13	10	23230	25	#Mid	QPSK	21.56	-2.6	16.81	PASS
Band13	10	23230	25	#Max	QPSK	21.64	-2.6	16.89	PASS
Band13	10	23230	50	#0	QPSK	21.54	-2.6	16.79	PASS
Band13	10	23230	1	#0	16QAM	21.85	-2.6	17.10	PASS
Band13	10	23230	1	#Mid	16QAM	21.85	-2.6	17.10	PASS
Band13	10	23230	1	#Max	16QAM	21.74	-2.6	16.99	PASS
Band13	10	23230	25	#0	16QAM	20.57	-2.6	15.82	PASS
Band13	10	23230	25	#Mid	16QAM	20.69	-2.6	15.94	PASS
Band13	10	23230	25	#Max	16QAM	20.58	-2.6	15.83	PASS
Band13	10	23230	50	#0	16QAM	20.56	-2.6	15.81	PASS

2 Frequency stability

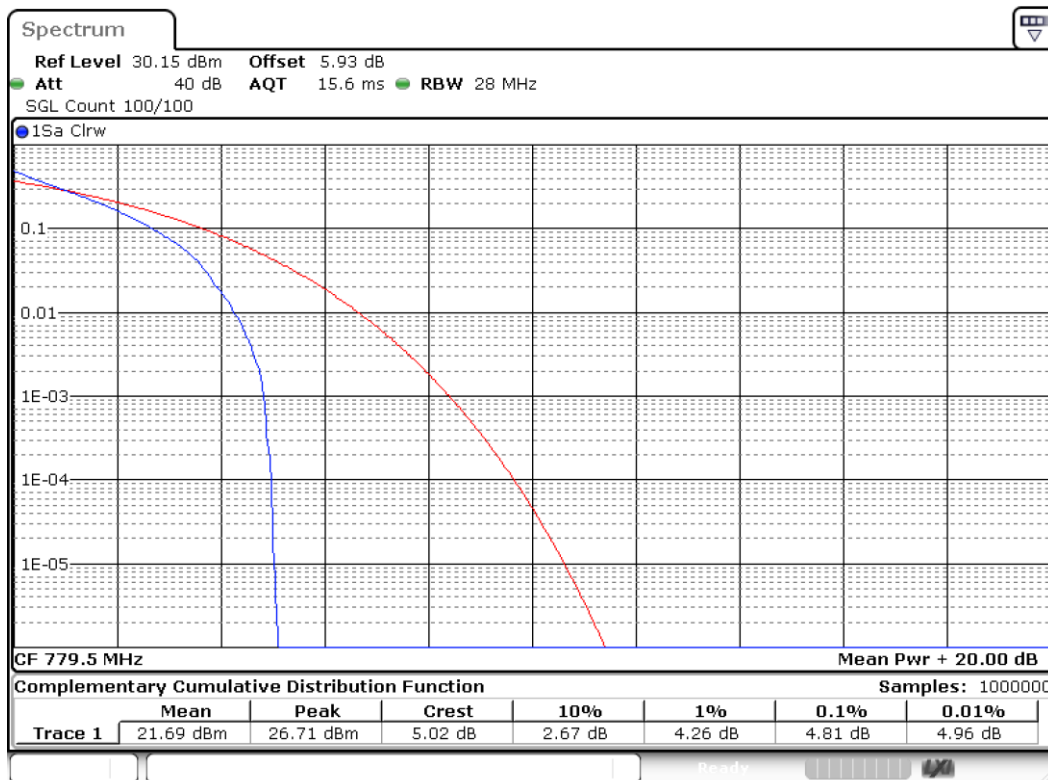
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band13	5	23205	6	#0	QPSK	VL	NT	1.30	0.002	±2.5	PASS
Band13	5	23205	6	#0	QPSK	VN	NT	2.20	0.003	±2.5	PASS
Band13	5	23205	6	#0	QPSK	VH	NT	1.60	0.002	±2.5	PASS
Band13	5	23205	6	#0	QPSK	NV	-30	2.20	0.003	±2.5	PASS
Band13	5	23205	6	#0	QPSK	NV	-20	1.30	0.002	±2.5	PASS
Band13	5	23205	6	#0	QPSK	NV	-10	2.60	0.004	±2.5	PASS
Band13	5	23205	6	#0	QPSK	NV	0	1.60	0.002	±2.5	PASS
Band13	5	23205	6	#0	QPSK	NV	10	2.60	0.004	±2.5	PASS
Band13	5	23205	6	#0	QPSK	NV	20	1.40	0.002	±2.5	PASS
Band13	5	23205	6	#0	16QAM	VL	NT	3.20	0.004	±2.5	PASS
Band13	5	23205	6	#0	16QAM	VN	NT	2.30	0.003	±2.5	PASS
Band13	5	23205	6	#0	16QAM	VH	NT	1.30	0.002	±2.5	PASS
Band13	5	23205	6	#0	16QAM	NV	-30	1.70	0.002	±2.5	PASS
Band13	5	23205	6	#0	16QAM	NV	-20	2.80	0.004	±2.5	PASS
Band13	5	23205	6	#0	16QAM	NV	-10	0.50	0.001	±2.5	PASS
Band13	5	23205	6	#0	16QAM	NV	0	1.10	0.002	±2.5	PASS
Band13	5	23205	6	#0	16QAM	NV	10	1.70	0.002	±2.5	PASS
Band13	5	23205	6	#0	16QAM	NV	20	3.20	0.004	±2.5	PASS
Band13	5	23230	6	#0	QPSK	VL	NT	8.80	0.012	±2.5	PASS
Band13	5	23230	6	#0	QPSK	VN	NT	7.10	0.010	±2.5	PASS

Band13	5	23230	6	#0	QPSK	VH	NT	6.80	0.010	±2.5	PASS
Band13	5	23230	6	#0	QPSK	NV	-30	5.60	0.008	±2.5	PASS
Band13	5	23230	6	#0	QPSK	NV	-20	6.00	0.008	±2.5	PASS
Band13	5	23230	6	#0	QPSK	NV	-10	5.70	0.008	±2.5	PASS
Band13	5	23230	6	#0	QPSK	NV	0	3.60	0.005	±2.5	PASS
Band13	5	23230	6	#0	QPSK	NV	10	4.90	0.007	±2.5	PASS
Band13	5	23230	6	#0	QPSK	NV	20	2.60	0.004	±2.5	PASS
Band13	5	23230	6	#0	16QAM	VL	NT	7.10	0.010	±2.5	PASS
Band13	5	23230	6	#0	16QAM	VN	NT	6.80	0.010	±2.5	PASS
Band13	5	23230	6	#0	16QAM	VH	NT	5.60	0.008	±2.5	PASS
Band13	5	23230	6	#0	16QAM	NV	-30	-1.40	-0.002	±2.5	PASS
Band13	5	23230	6	#0	16QAM	NV	-20	0.30	0.000	±2.5	PASS
Band13	5	23230	6	#0	16QAM	NV	-10	1.50	0.002	±2.5	PASS
Band13	5	23230	6	#0	16QAM	NV	0	0.60	0.001	±2.5	PASS
Band13	5	23230	6	#0	16QAM	NV	10	-1.50	-0.002	±2.5	PASS
Band13	5	23230	6	#0	16QAM	NV	20	1.40	0.002	±2.5	PASS
Band13	5	23255	6	#0	QPSK	VL	NT	-1.40	-0.002	±2.5	PASS
Band13	5	23255	6	#0	QPSK	VN	NT	0.30	0.000	±2.5	PASS
Band13	5	23255	6	#0	QPSK	VH	NT	1.50	0.002	±2.5	PASS
Band13	5	23255	6	#0	QPSK	NV	-30	0.60	0.001	±2.5	PASS
Band13	5	23255	6	#0	QPSK	NV	-20	-1.50	-0.002	±2.5	PASS
Band13	5	23255	6	#0	QPSK	NV	-10	1.30	0.002	±2.5	PASS
Band13	5	23255	6	#0	QPSK	NV	0	1.00	0.001	±2.5	PASS
Band13	5	23255	6	#0	QPSK	NV	10	1.90	0.002	±2.5	PASS
Band13	5	23255	6	#0	QPSK	NV	20	-0.80	-0.001	±2.5	PASS
Band13	5	23255	6	#0	16QAM	VL	NT	-19.10	-0.023	±2.5	PASS
Band13	5	23255	6	#0	16QAM	VN	NT	-17.50	-0.021	±2.5	PASS
Band13	5	23255	6	#0	16QAM	VH	NT	-13.70	-0.017	±2.5	PASS
Band13	5	23255	6	#0	16QAM	NV	-30	-14.50	-0.018	±2.5	PASS
Band13	5	23255	6	#0	16QAM	NV	-20	-9.80	-0.012	±2.5	PASS
Band13	5	23255	6	#0	16QAM	NV	-10	-9.90	-0.012	±2.5	PASS
Band13	5	23255	6	#0	16QAM	NV	0	-10.10	-0.012	±2.5	PASS
Band13	5	23255	6	#0	16QAM	NV	10	-8.10	-0.010	±2.5	PASS
Band13	5	23255	6	#0	16QAM	NV	20	-19.10	-0.023	±2.5	PASS

3 Peak-to-Average Ratio

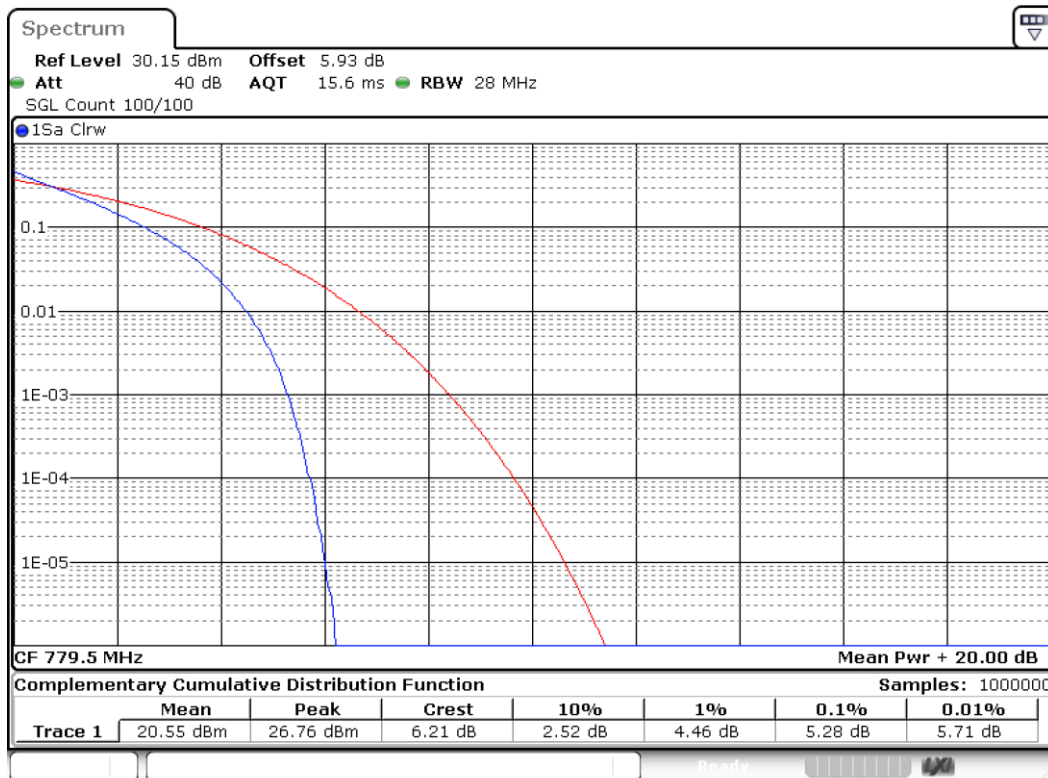
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band13	5	23205	1	#0	QPSK	4.81	13	PASS
Band13	5	23205	25	#0	QPSK	5.28	13	PASS
Band13	5	23205	1	#0	16QAM	5.68	13	PASS
Band13	5	23205	25	#0	16QAM	6.09	13	PASS
Band13	5	23230	1	#0	QPSK	4.81	13	PASS
Band13	5	23230	25	#0	QPSK	5.36	13	PASS
Band13	5	23230	1	#0	16QAM	5.51	13	PASS
Band13	5	23230	25	#0	16QAM	6.14	13	PASS
Band13	5	23255	1	#0	QPSK	4.87	13	PASS
Band13	5	23255	25	#0	QPSK	5.57	13	PASS
Band13	5	23255	1	#0	16QAM	5.68	13	PASS
Band13	5	23255	25	#0	16QAM	6.43	13	PASS
Band13	10	23230	1	#0	QPSK	4.81	13	PASS
Band13	10	23230	50	#0	QPSK	5.57	13	PASS
Band13	10	23230	1	#0	16QAM	5.59	13	PASS
Band13	10	23230	50	#0	16QAM	6.23	13	PASS

Band13 QPSK BW=5MHz Channel=23205 RB Size=1 Position=#0



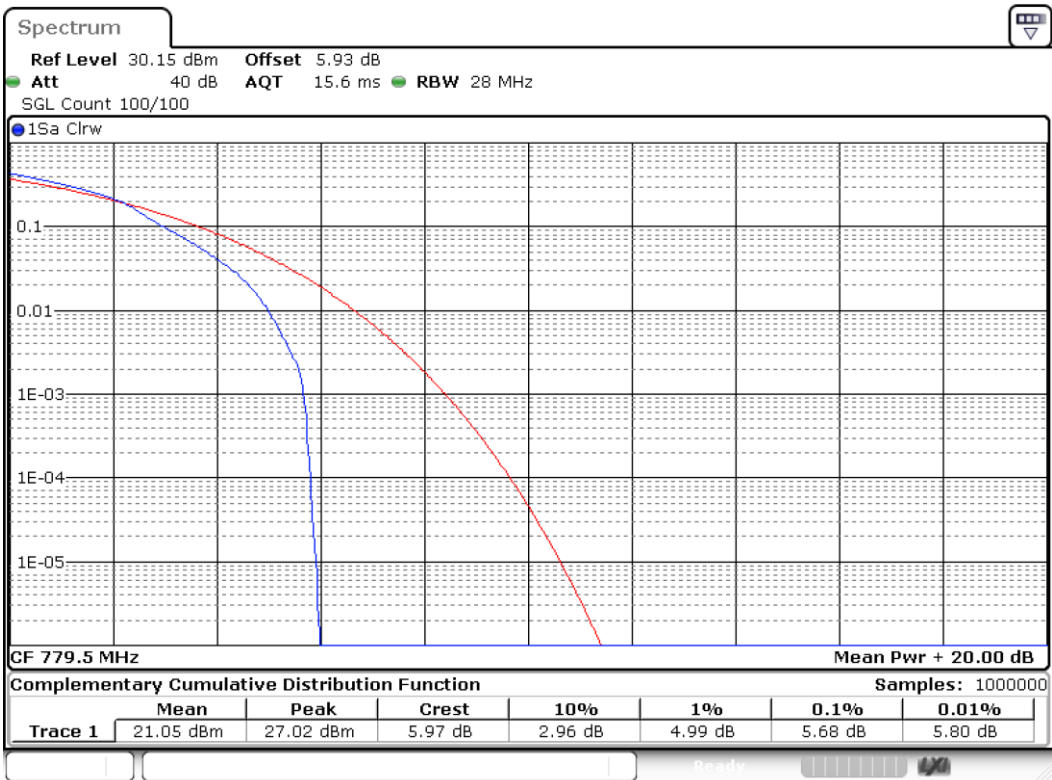
Date: 25.JUN.2024 22:08:23

Band13 QPSK BW=5MHz Channel=23205 RB Size=25 Position=#0



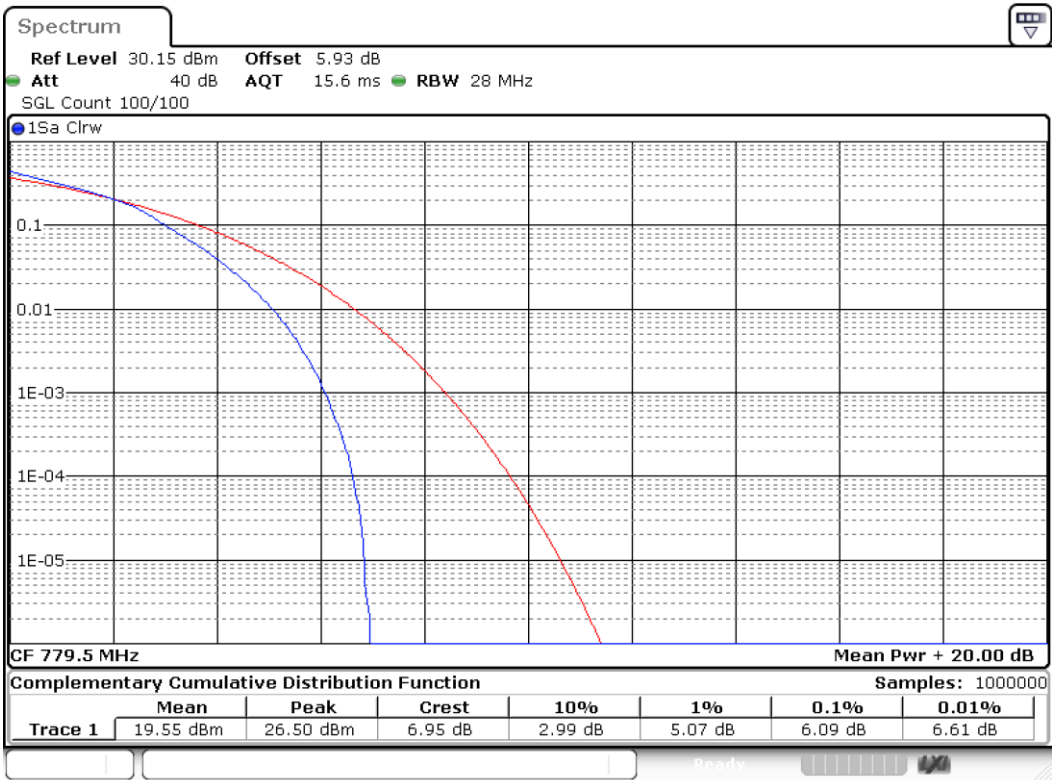
Date: 25.JUN.2024 22:08:30

Band13 16QAM BW=5MHz Channel=23205 RB Size=1 Position=#0



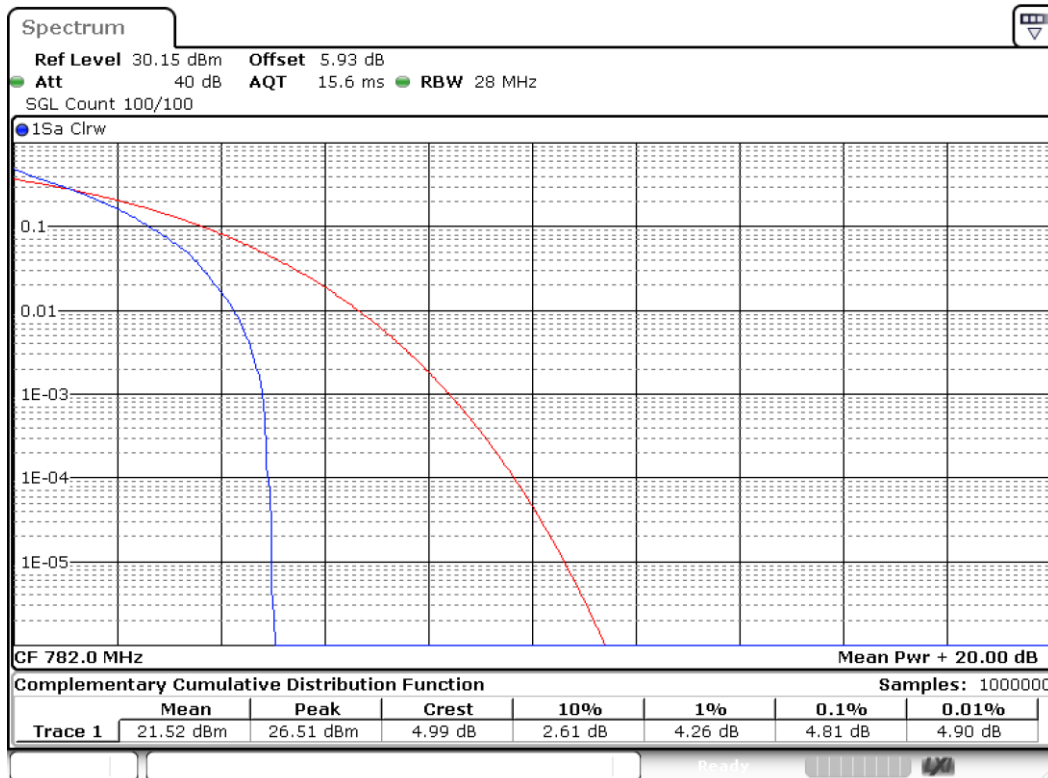
Date: 25.JUN.2024 22:08:37

Band13 16QAM BW=5MHz Channel=23205 RB Size=25 Position=#0



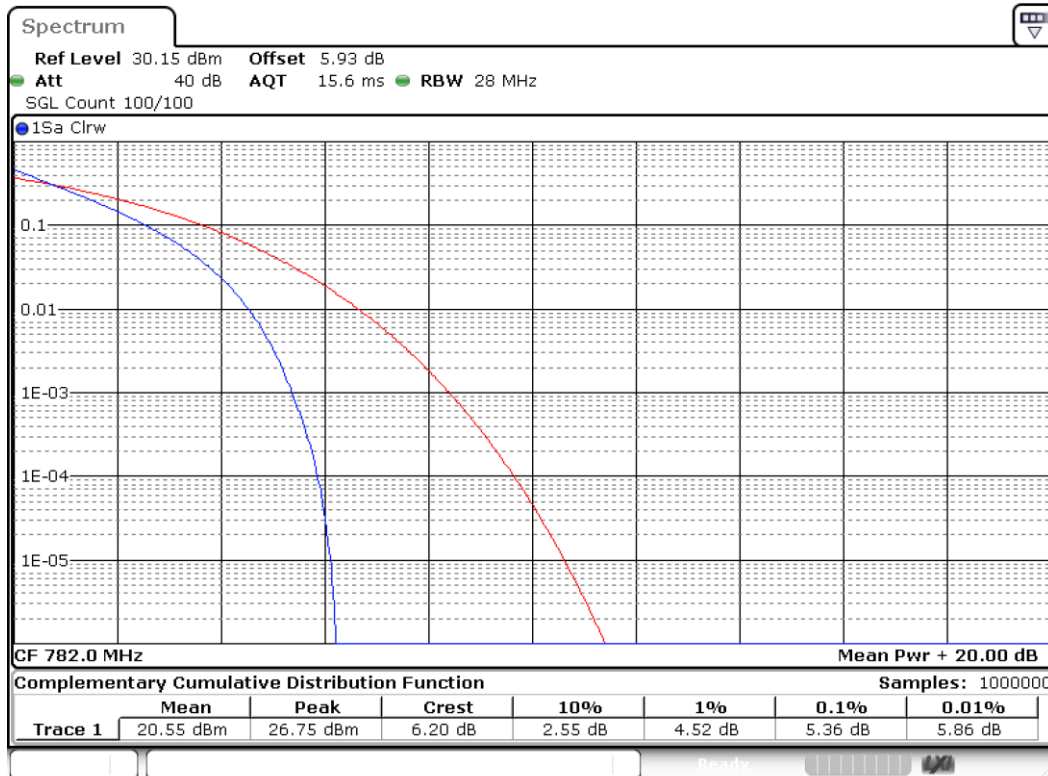
Date: 25.JUN.2024 22:08:44

Band13 QPSK BW=5MHz Channel=23230 RB Size=1 Position=#0



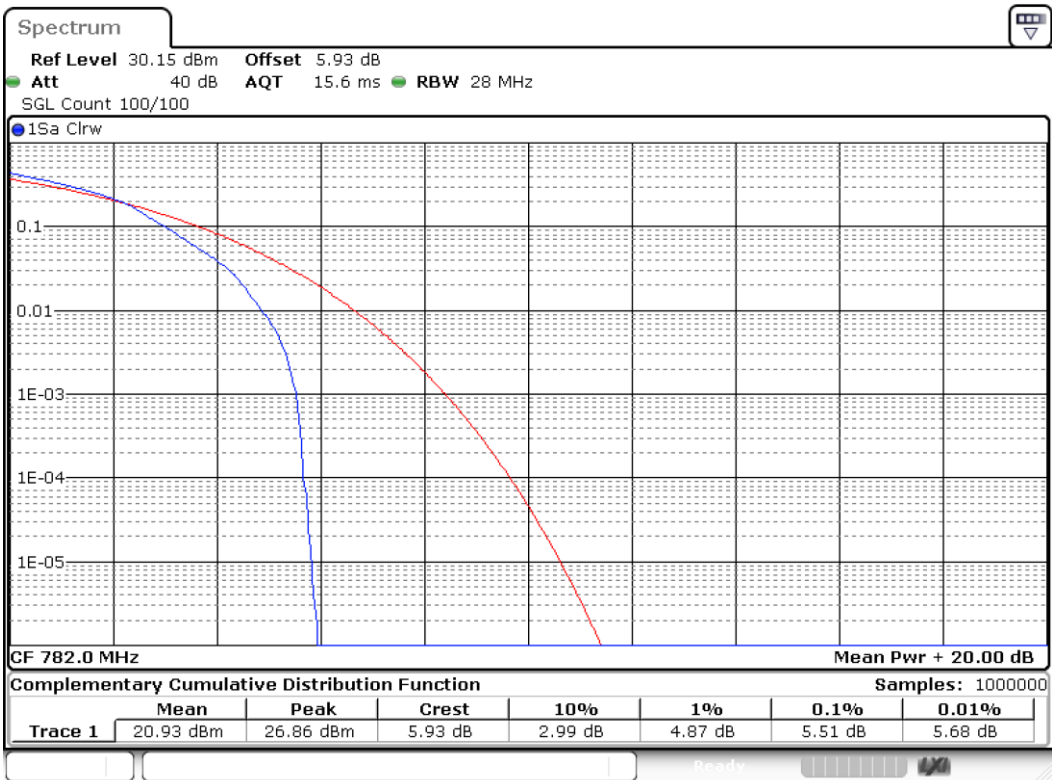
Date: 25.JUN.2024 22:08:51

Band13 QPSK BW=5MHz Channel=23230 RB Size=25 Position=#0



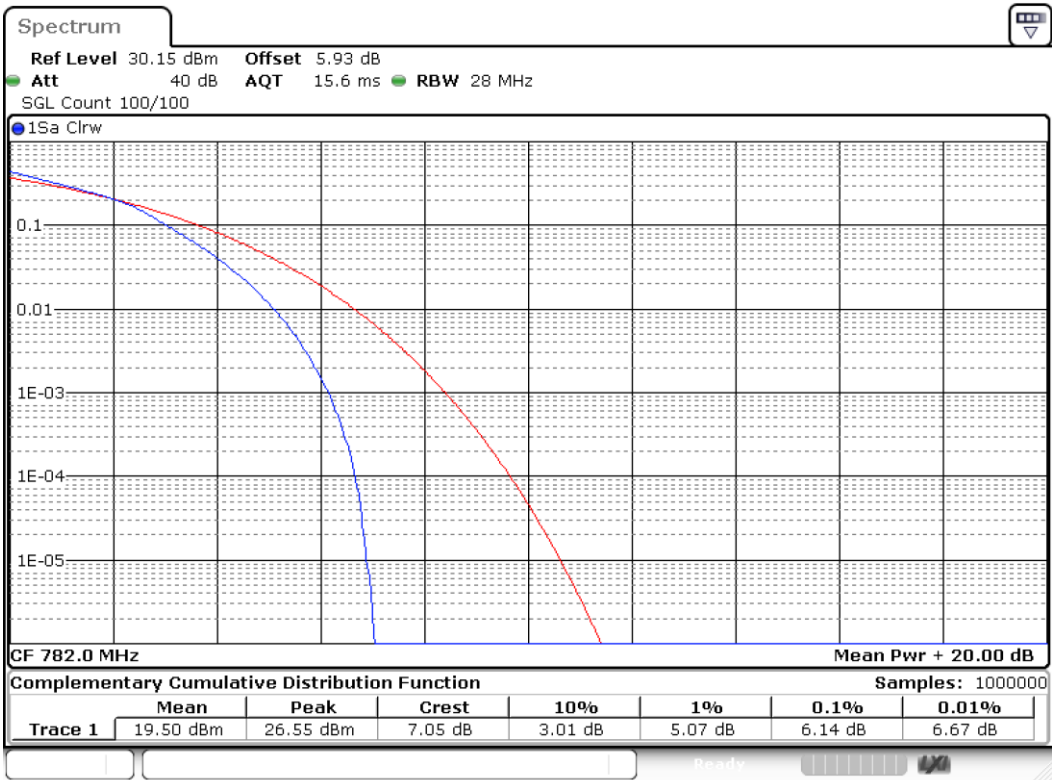
Date: 25.JUN.2024 22:08:57

Band13 16QAM BW=5MHz Channel=23230 RB Size=1 Position=#0



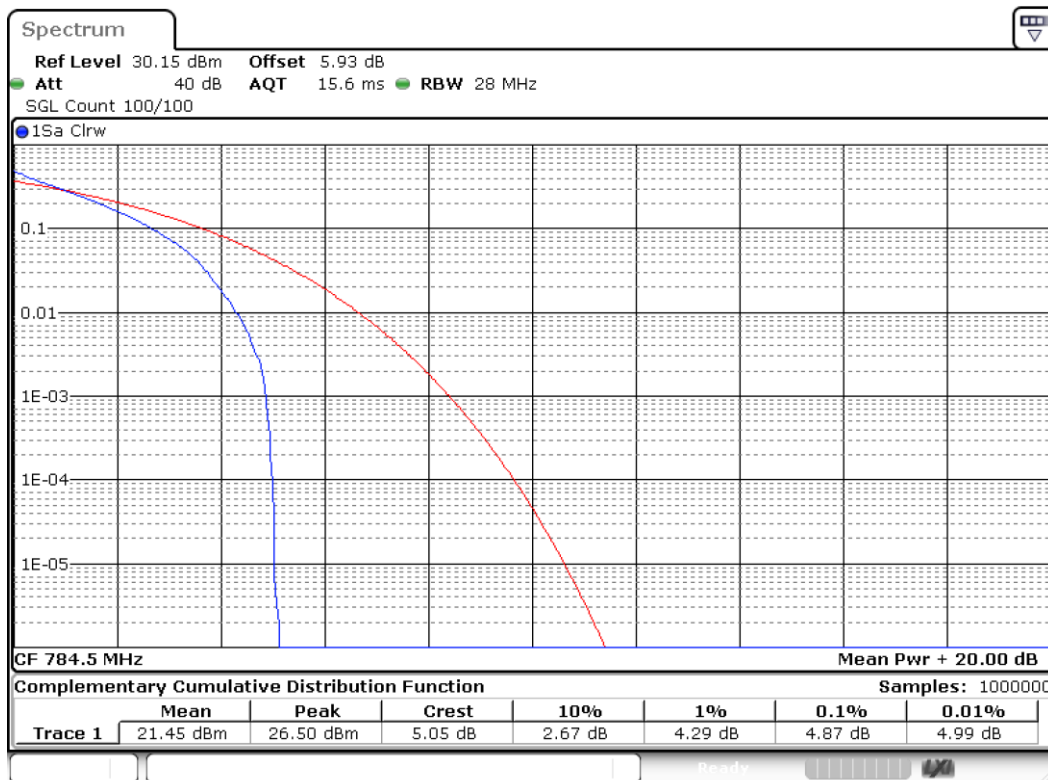
Date: 25.JUN.2024 22:09:04

Band13 16QAM BW=5MHz Channel=23230 RB Size=25 Position=#0



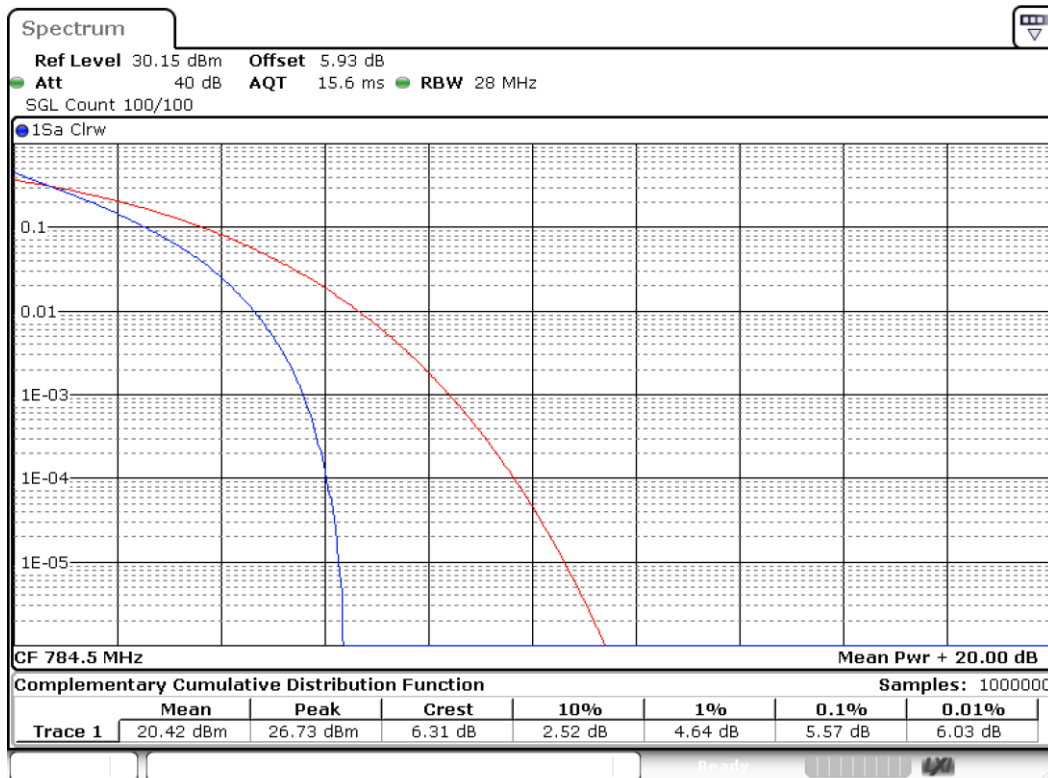
Date: 25.JUN.2024 22:09:11

Band13 QPSK BW=5MHz Channel=23255 RB Size=1 Position=#0



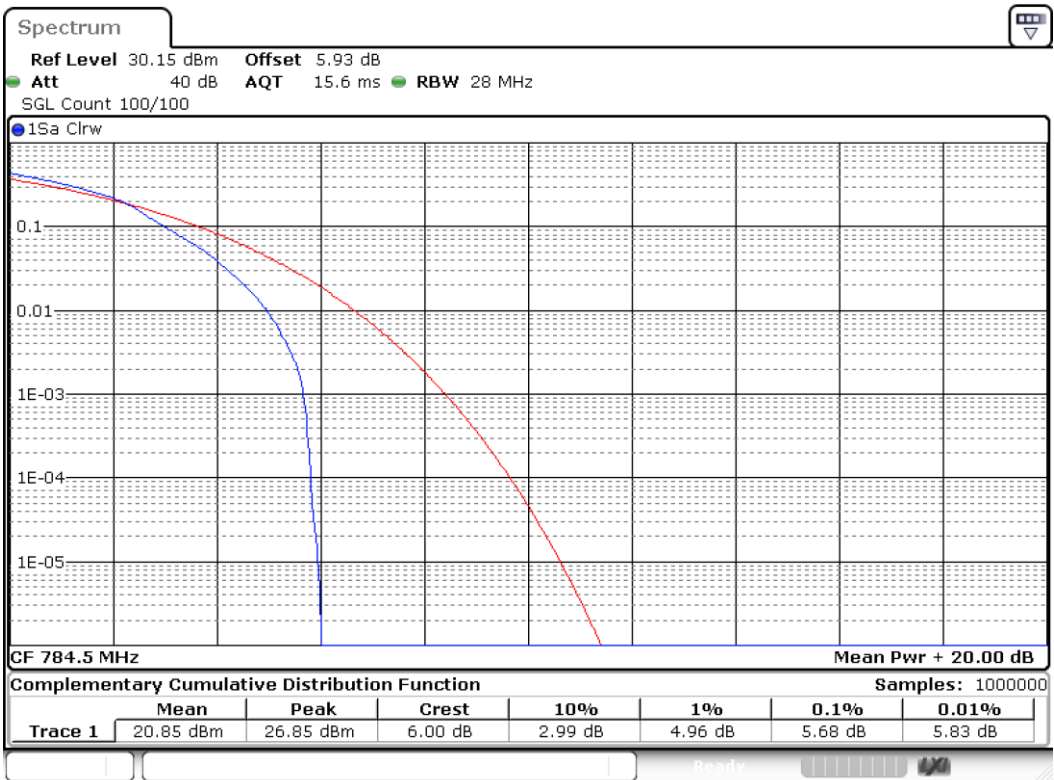
Date: 25.JUN.2024 22:09:18

Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0



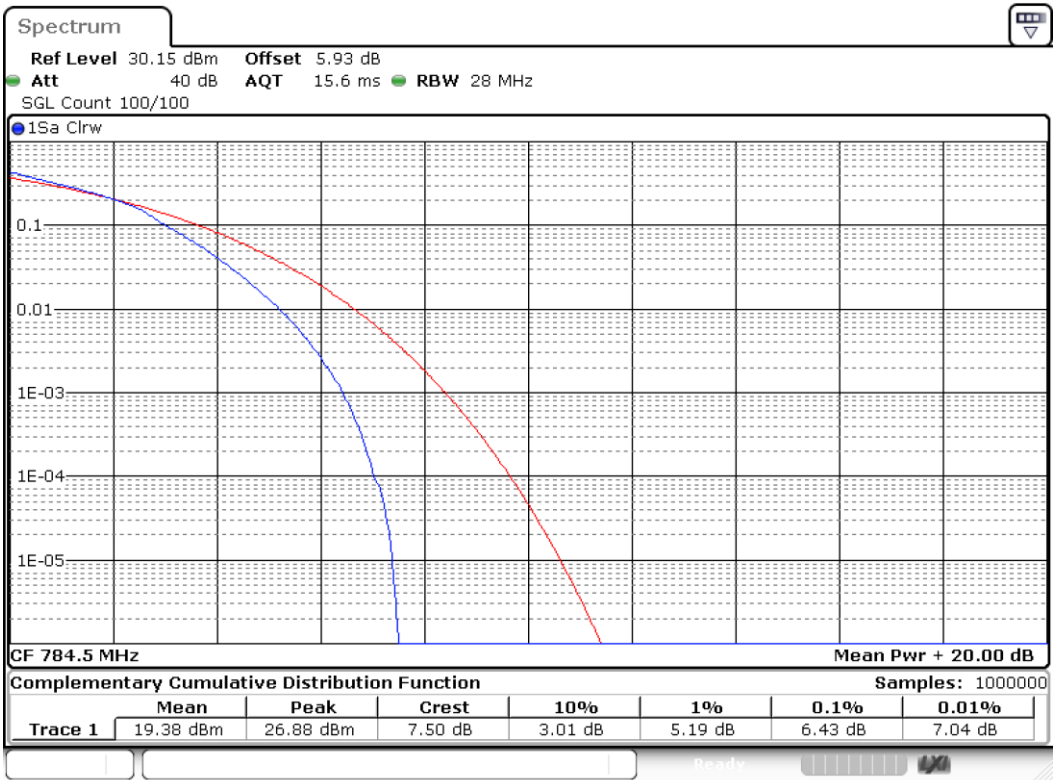
Date: 25.JUN.2024 22:09:25

Band13 16QAM BW=5MHz Channel=23255 RB Size=1 Position=#0



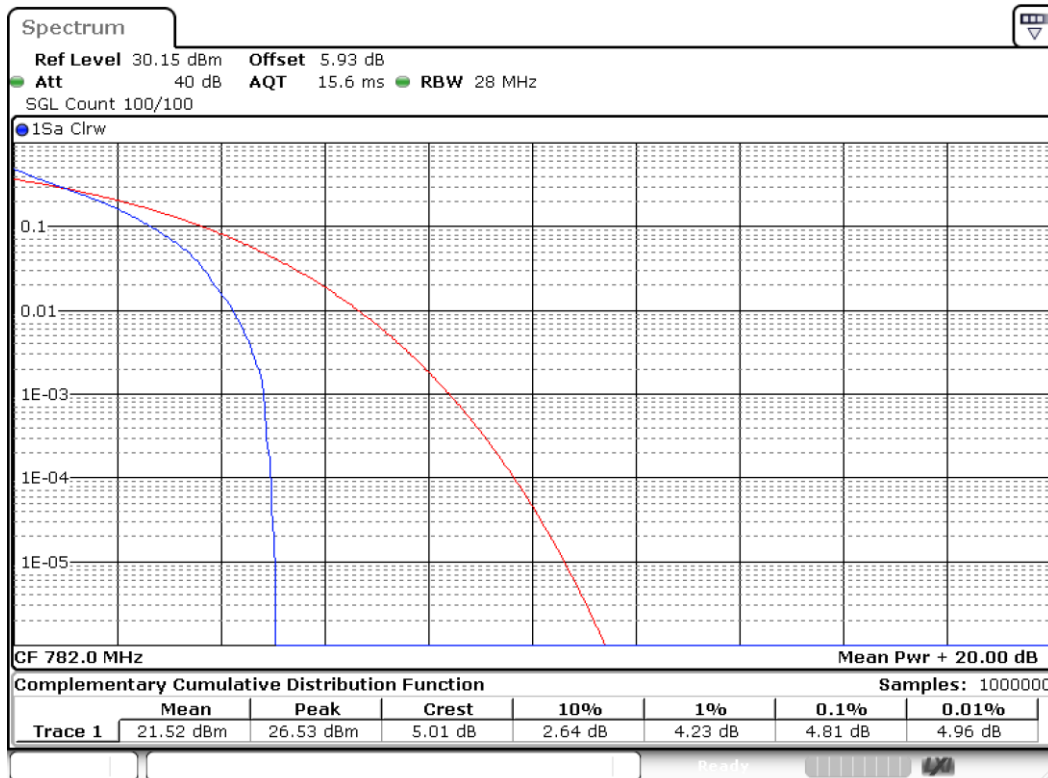
Date: 25.JUN.2024 22:09:31

Band13 16QAM BW=5MHz Channel=23255 RB Size=25 Position=#0



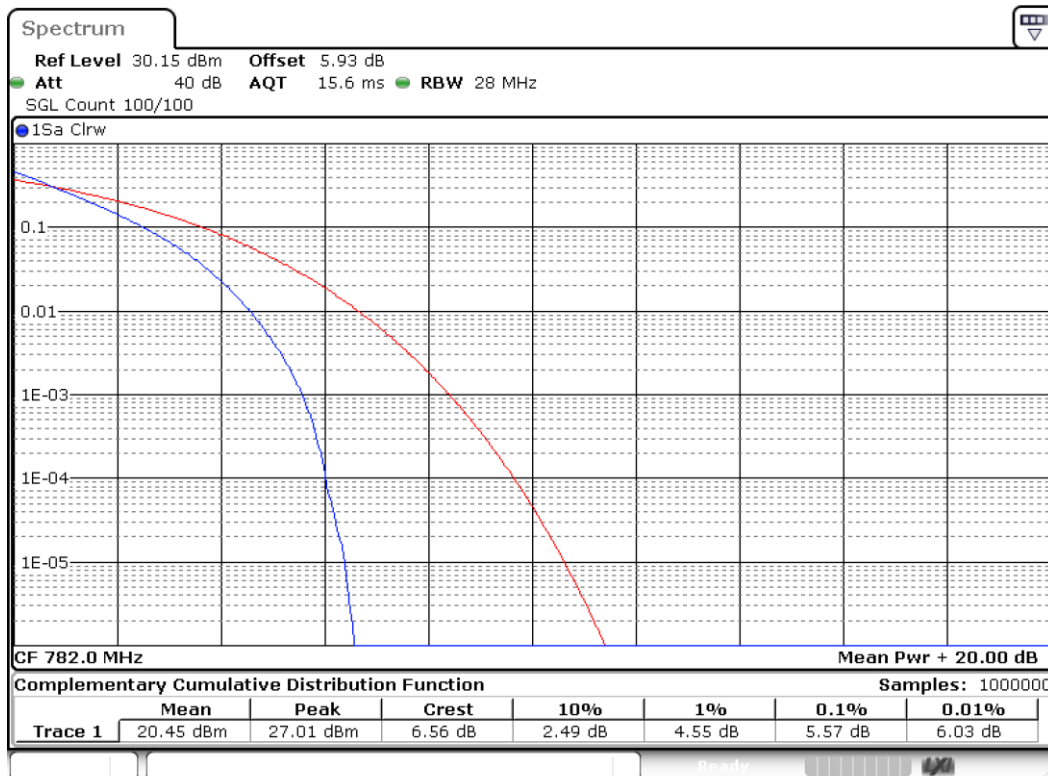
Date: 25.JUN.2024 22:09:38

Band13 QPSK BW=10MHz Channel=23230 RB Size=1 Position=#0



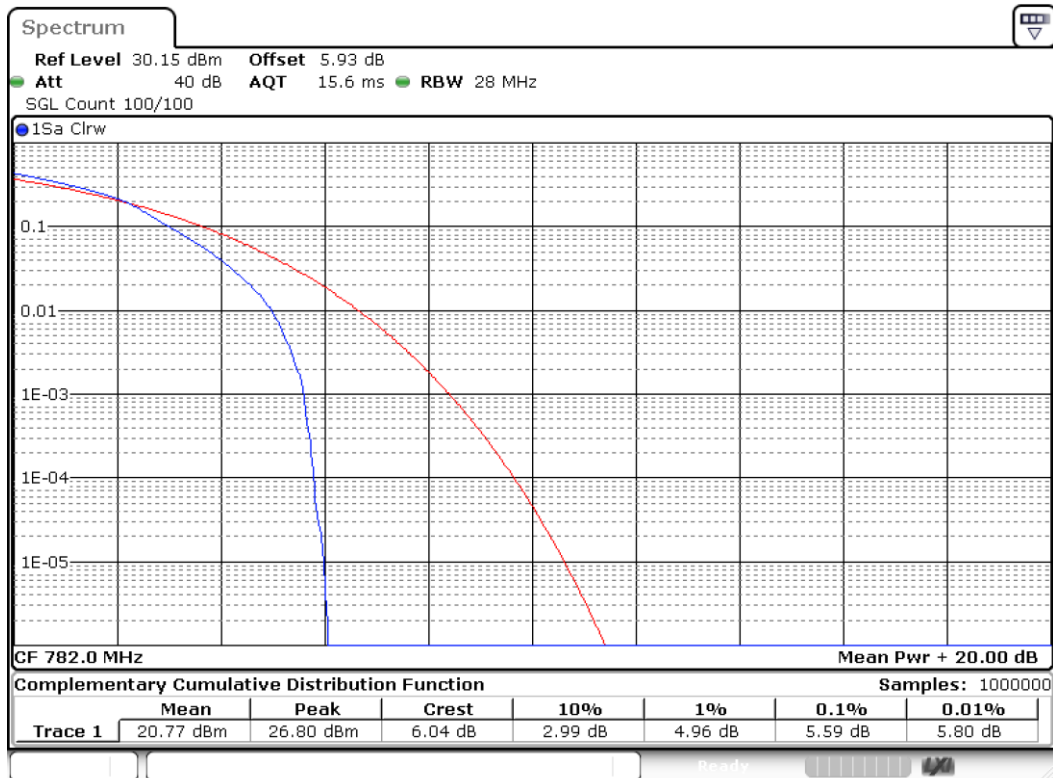
Date: 25.JUN.2024 22:09:46

Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0



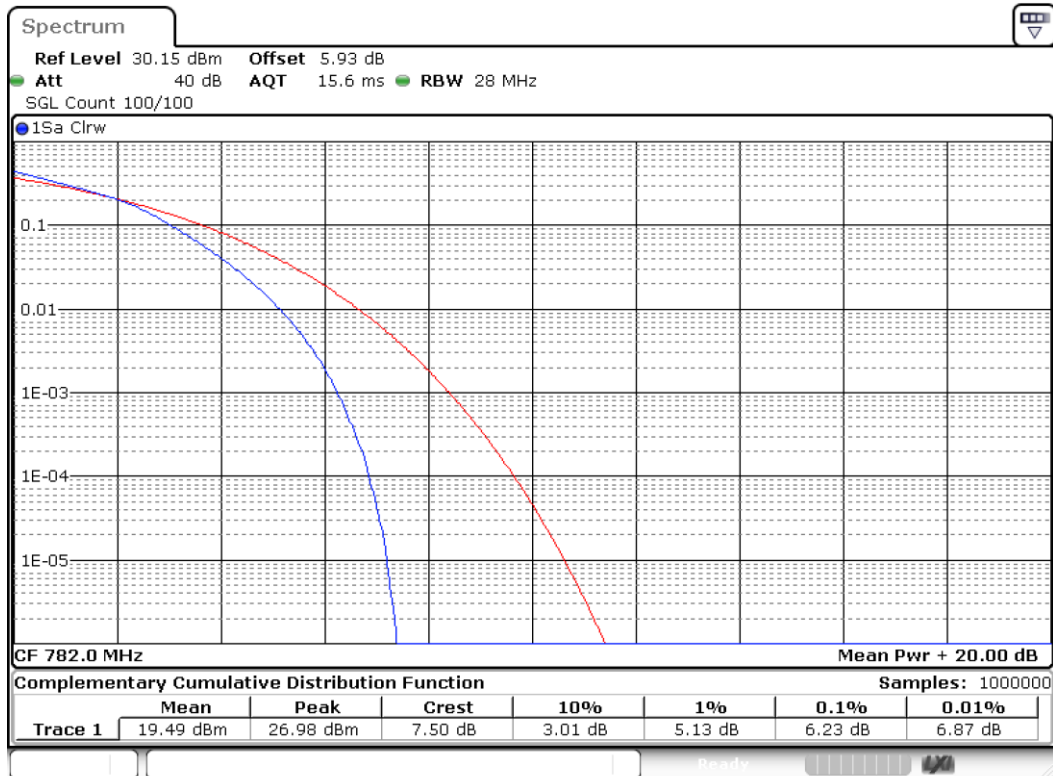
Date: 25.JUN.2024 22:09:52

Band13 16QAM BW=10MHz Channel=23230 RB Size=1 Position=#0



Date: 25.JUN.2024 22:09:59

Band13 16QAM BW=10MHz Channel=23230 RB Size=50 Position=#0

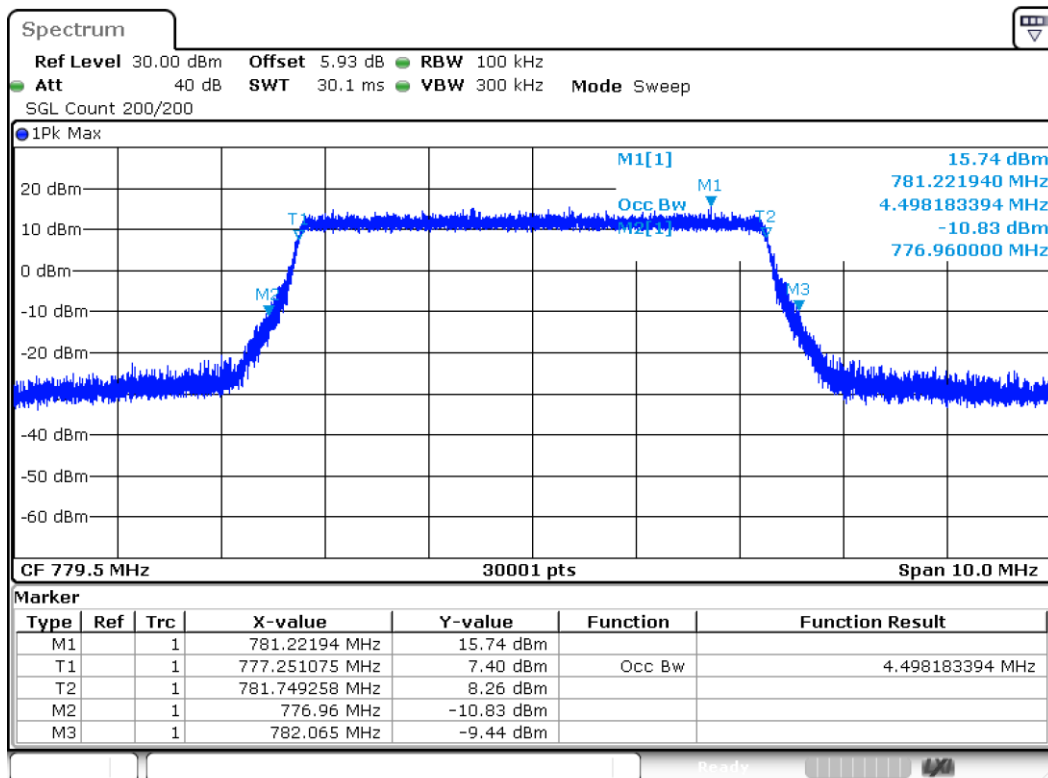


Date: 25.JUN.2024 22:10:06

4 Occupied bandwidth

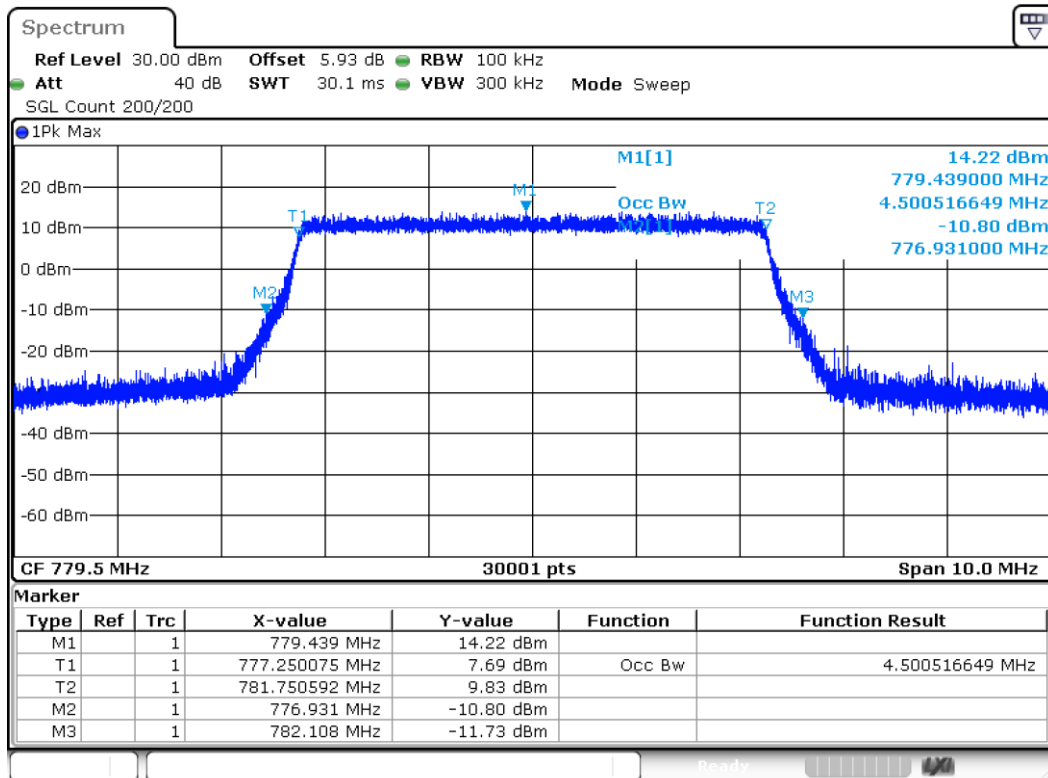
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band13	5	23205	25	#0	QPSK	4.498	5.105	PASS
Band13	5	23205	25	#0	16QAM	4.501	5.177	PASS
Band13	5	23230	25	#0	QPSK	4.506	5.152	PASS
Band13	5	23230	25	#0	16QAM	4.502	5.095	PASS
Band13	5	23255	25	#0	QPSK	4.507	5.154	PASS
Band13	5	23255	25	#0	16QAM	4.510	5.188	PASS
Band13	10	23230	50	#0	QPSK	8.979	10.089	PASS
Band13	10	23230	50	#0	16QAM	8.980	10.108	PASS

Band13 QPSK BW=5MHz Channel=23205 RB Size=25 Position=#0



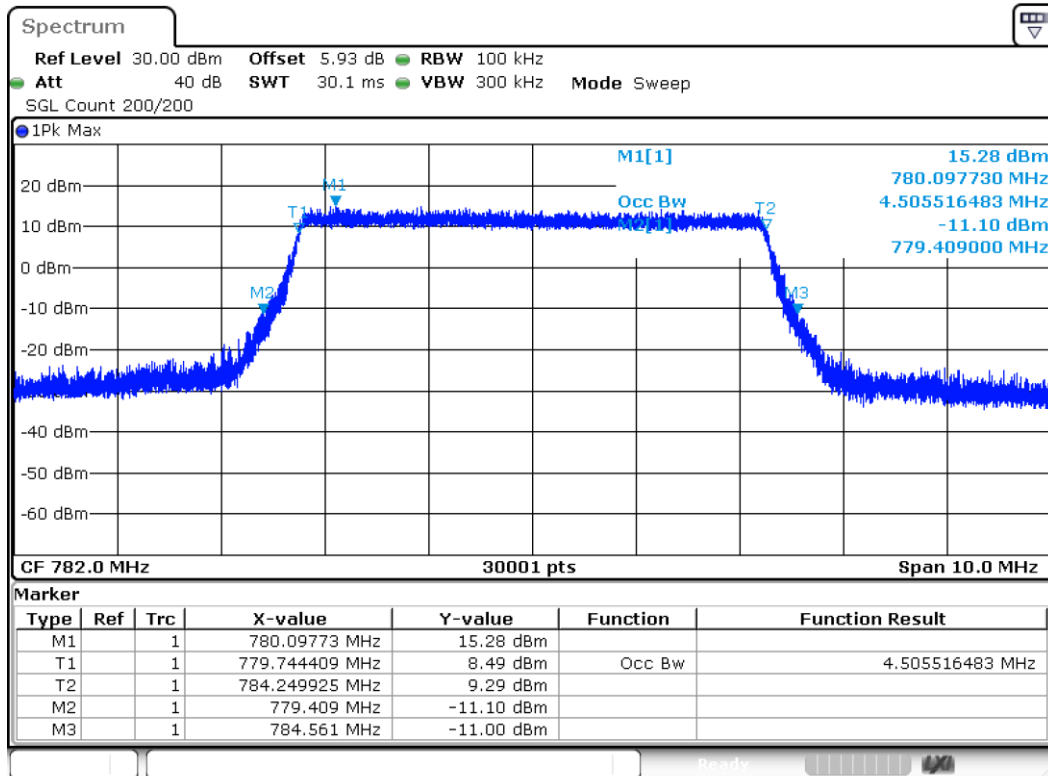
Date: 25.JUN.2024 22:10:31

Band13 16QAM BW=5MHz Channel=23205 RB Size=25 Position=#0



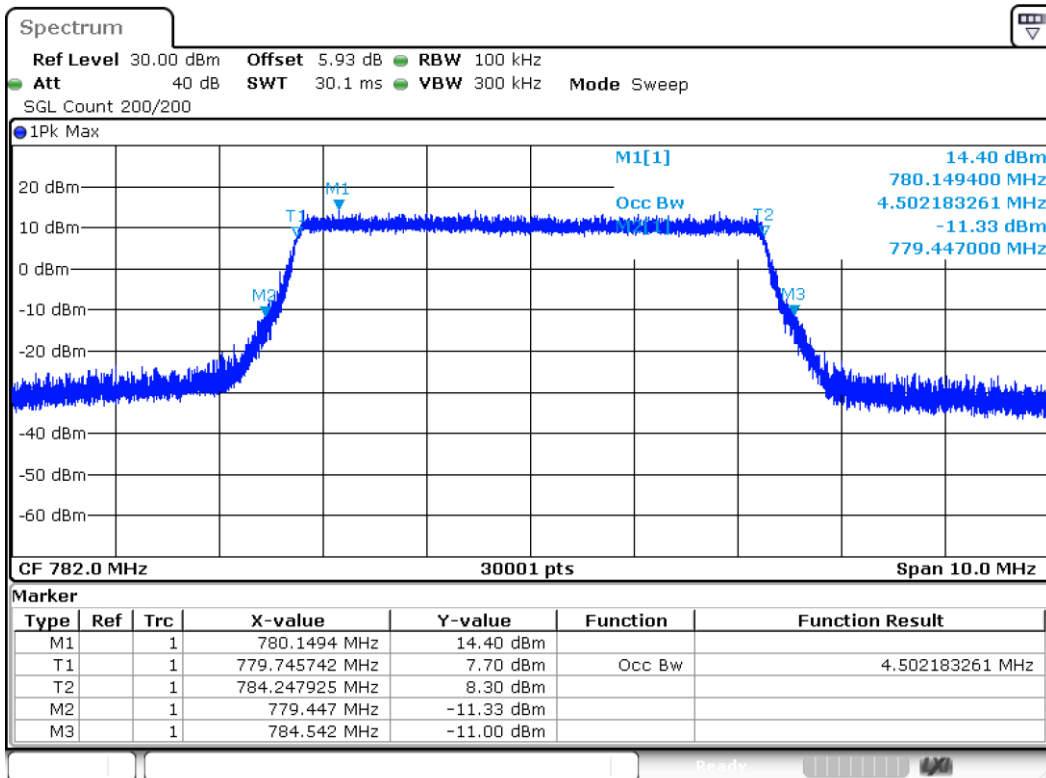
Date: 25.JUN.2024 22:10:48

Band13 QPSK BW=5MHz Channel=23230 RB Size=25 Position=#0



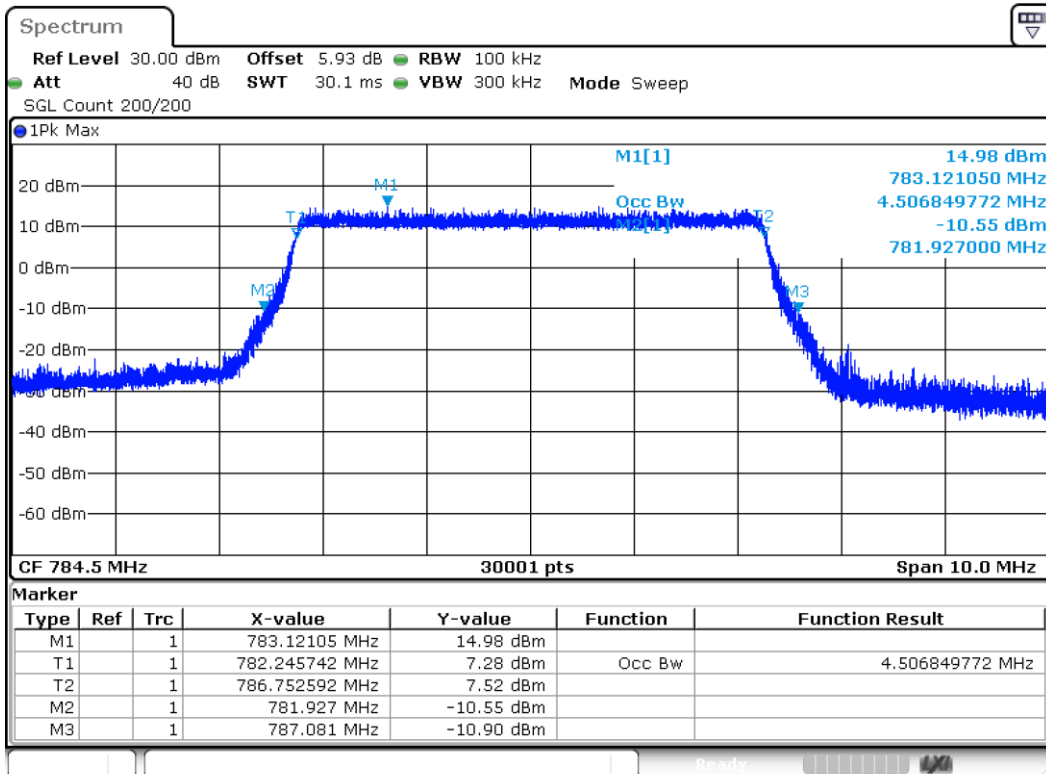
Date: 25.JUN.2024 22:11:06

Band13 16QAM BW=5MHz Channel=23230 RB Size=25 Position=#0



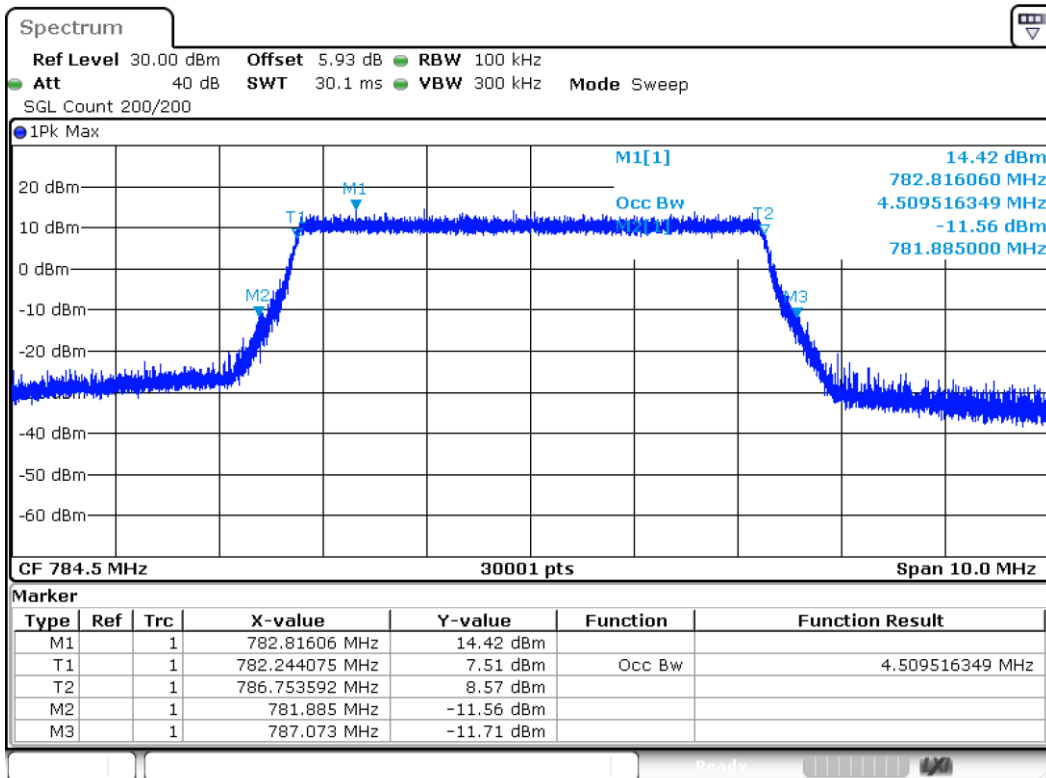
Date: 25.JUN.2024 22:11:23

Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0



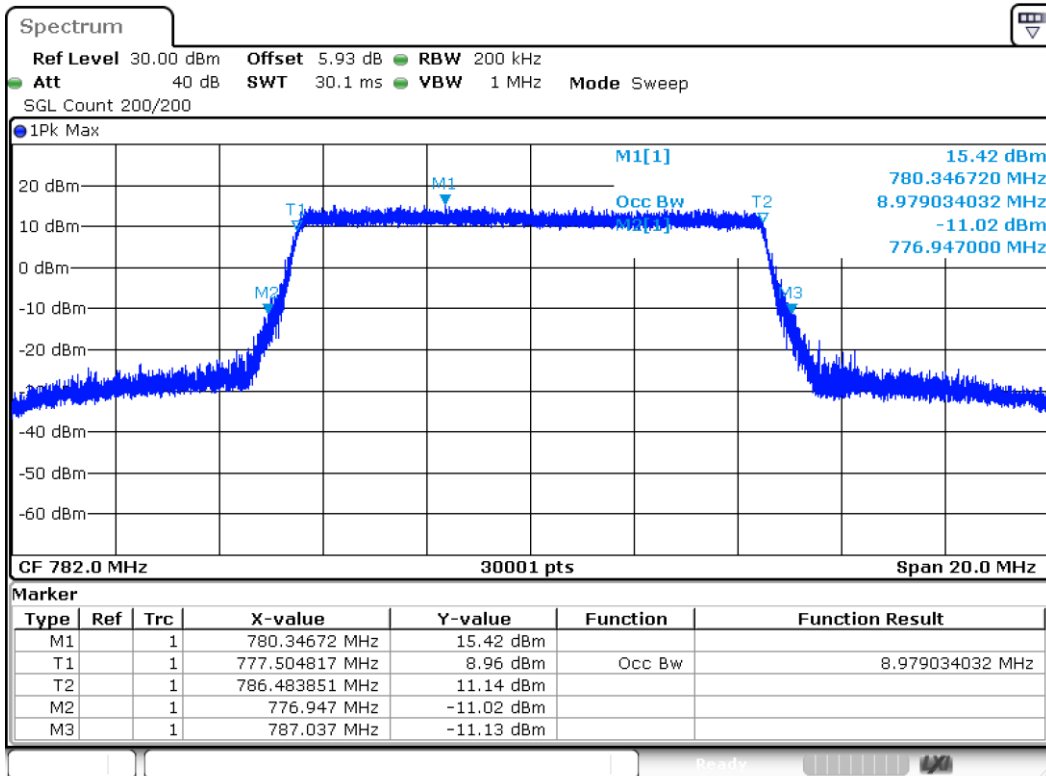
Date: 25.JUN.2024 22:11:40

Band13 16QAM BW=5MHz Channel=23255 RB Size=25 Position=#0



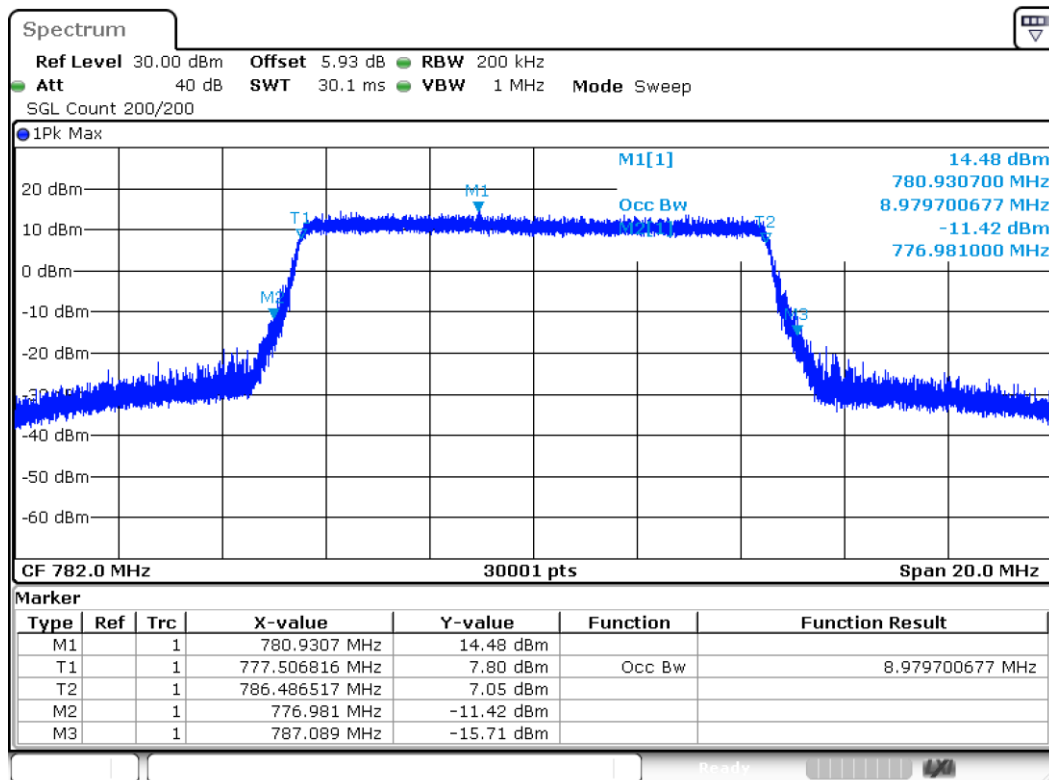
Date: 25.JUN.2024 22:11:57

Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0



Date: 25.JUN.2024 22:12:17

Band13 16QAM BW=10MHz Channel=23230 RB Size=50 Position=#0

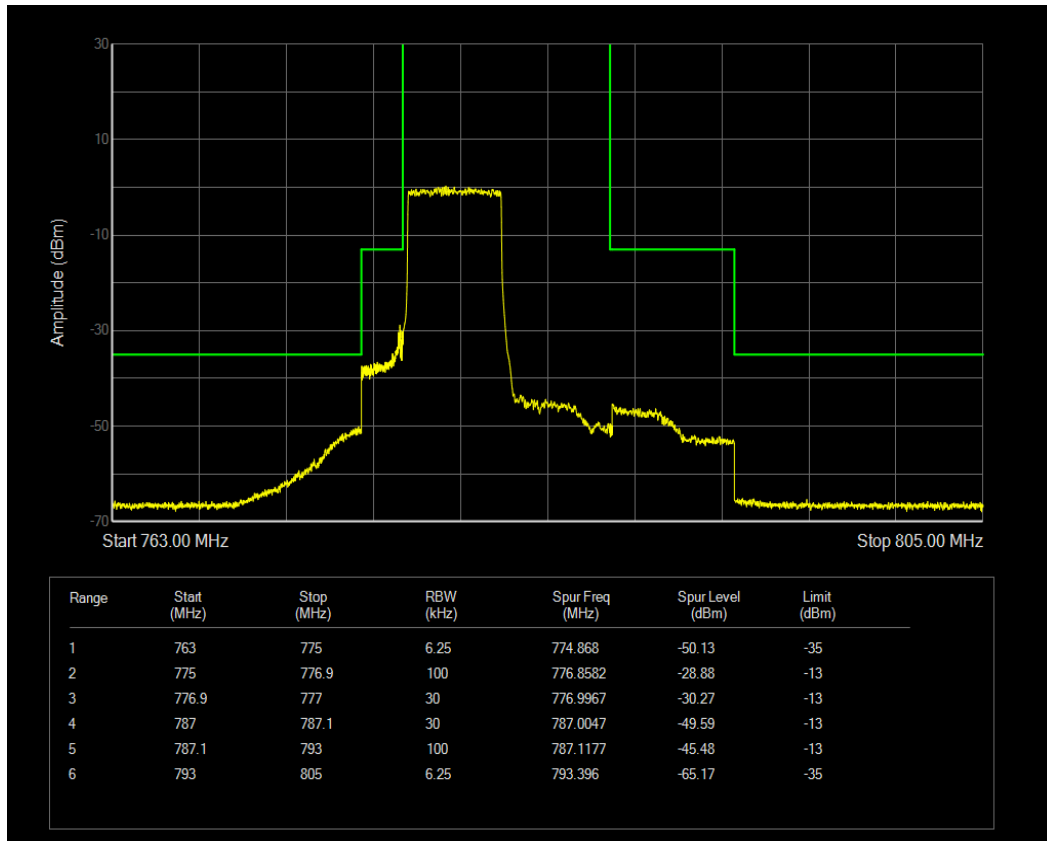


Date: 25.JUN.2024 22:12:35

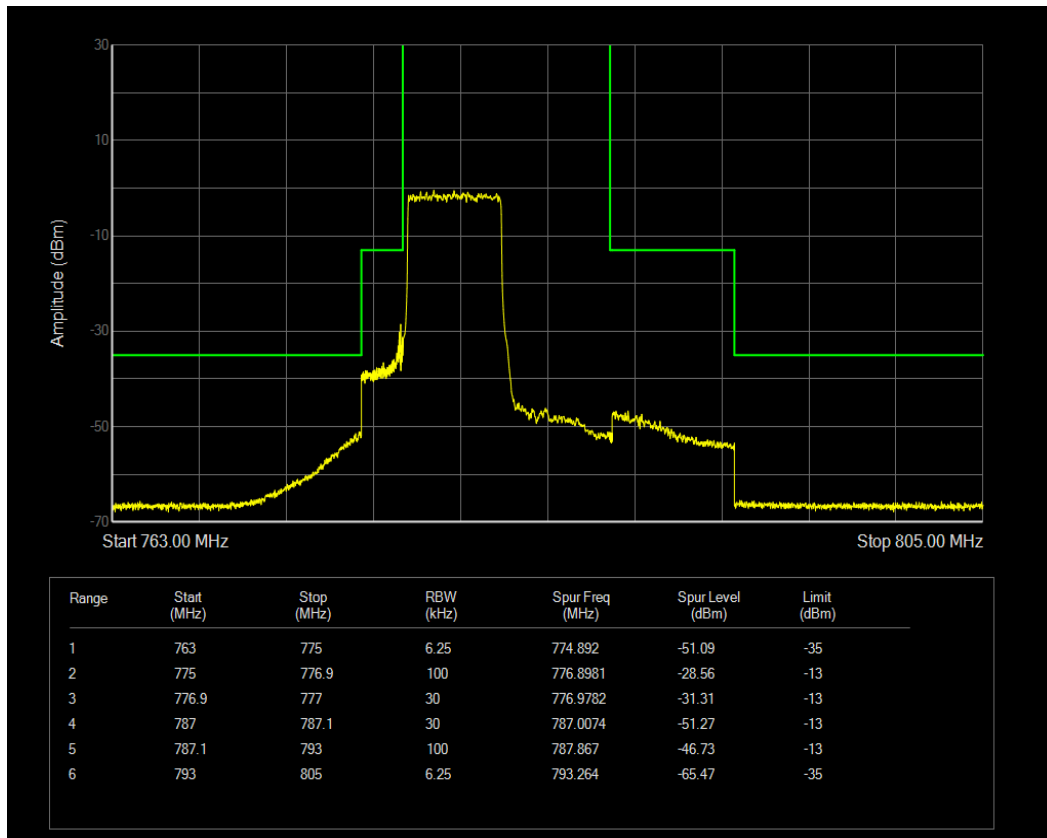
5 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band13	5	23205	25	#0	QPSK	774.87	-50.13	-35	PASS
Band13	5	23205	25	#0	16QAM	776.90	-28.56	-13	PASS
Band13	5	23255	25	#0	QPSK	787.15	-29.59	-13	PASS
Band13	5	23255	25	#0	16QAM	787.11	-30.95	-13	PASS
Band13	10	23230	50	#0	QPSK	774.66	-52.84	-35	PASS
Band13	10	23230	50	#0	16QAM	774.81	-54.21	-35	PASS

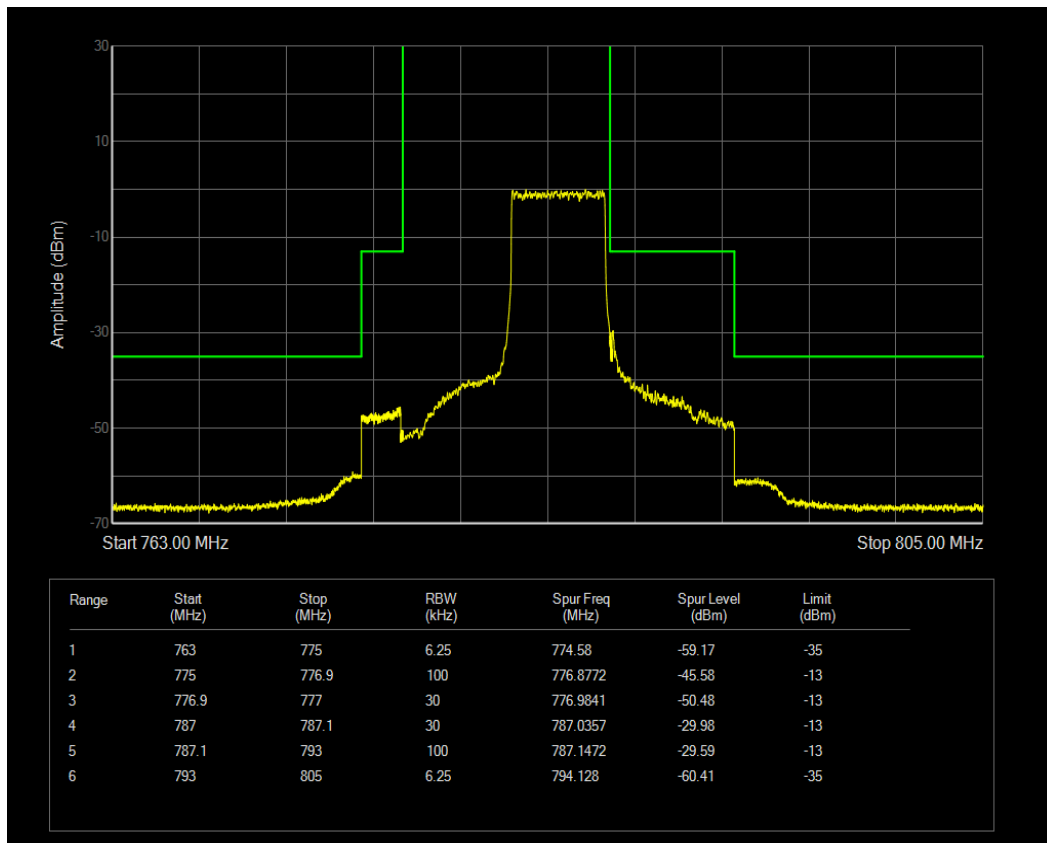
Band13 QPSK BW=5MHz Channel=23205 RB Size=25 Position=#0



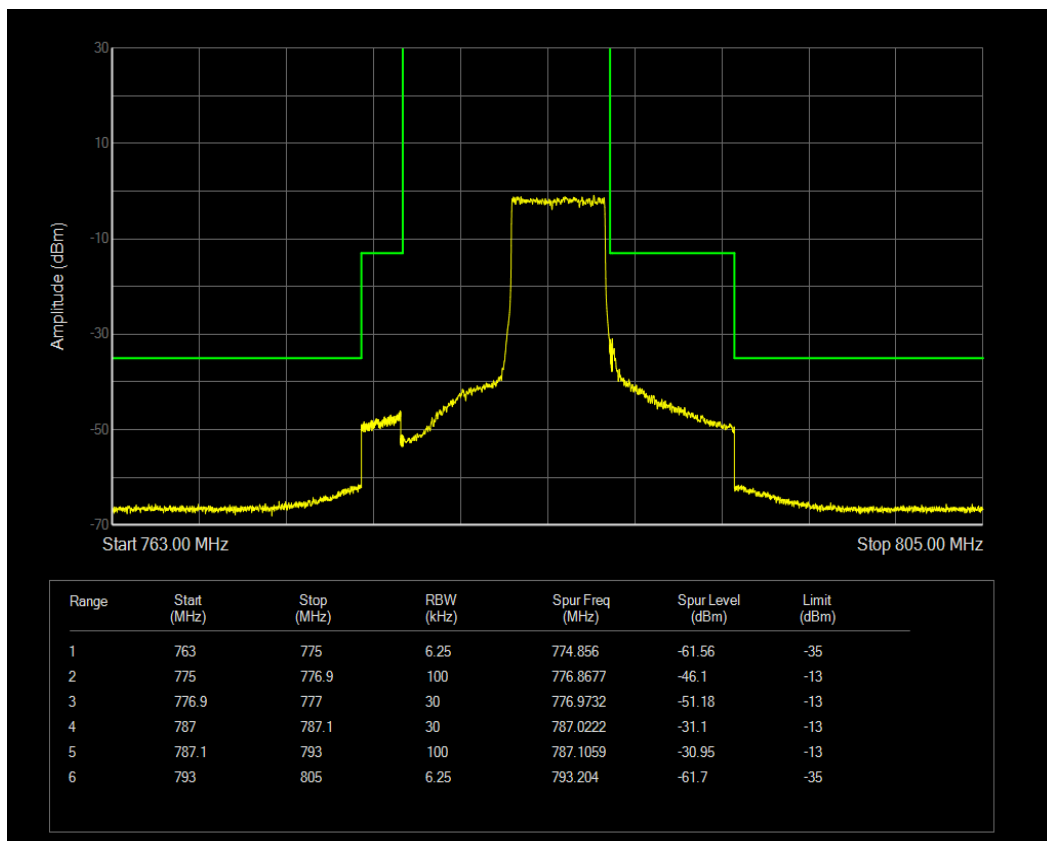
Band13 16QAM BW=5MHz Channel=23205 RB Size=25 Position=#0



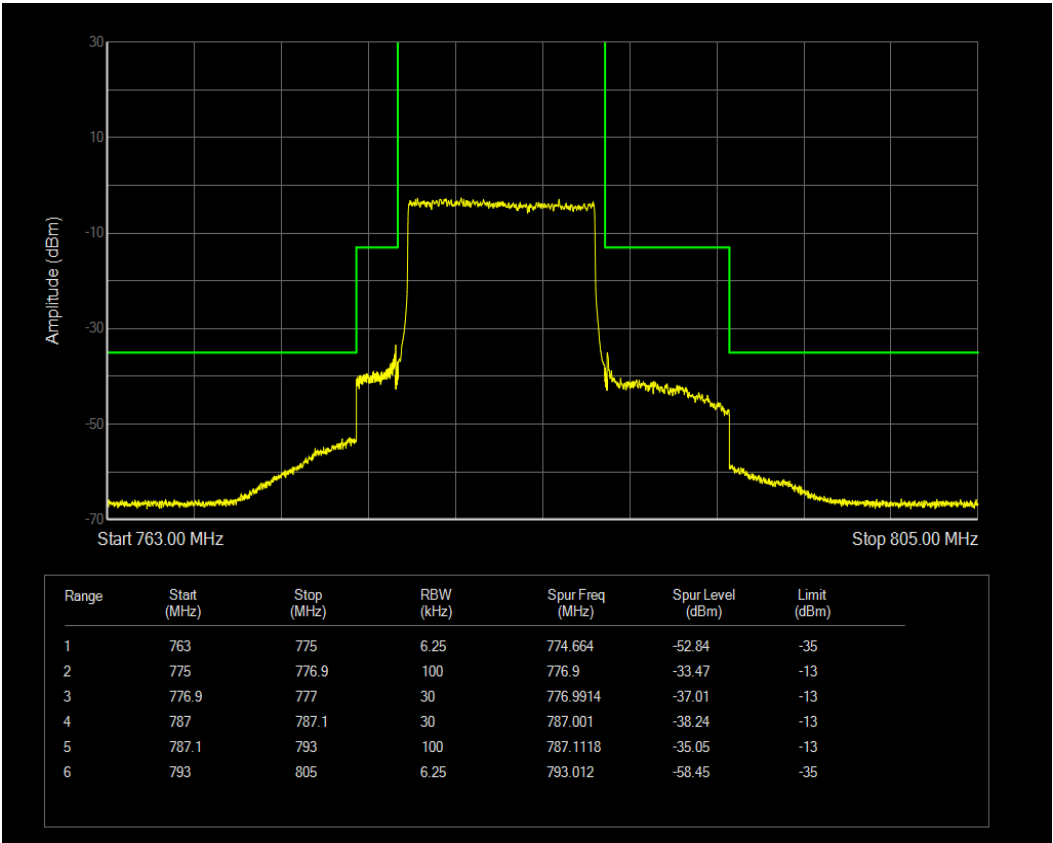
Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0



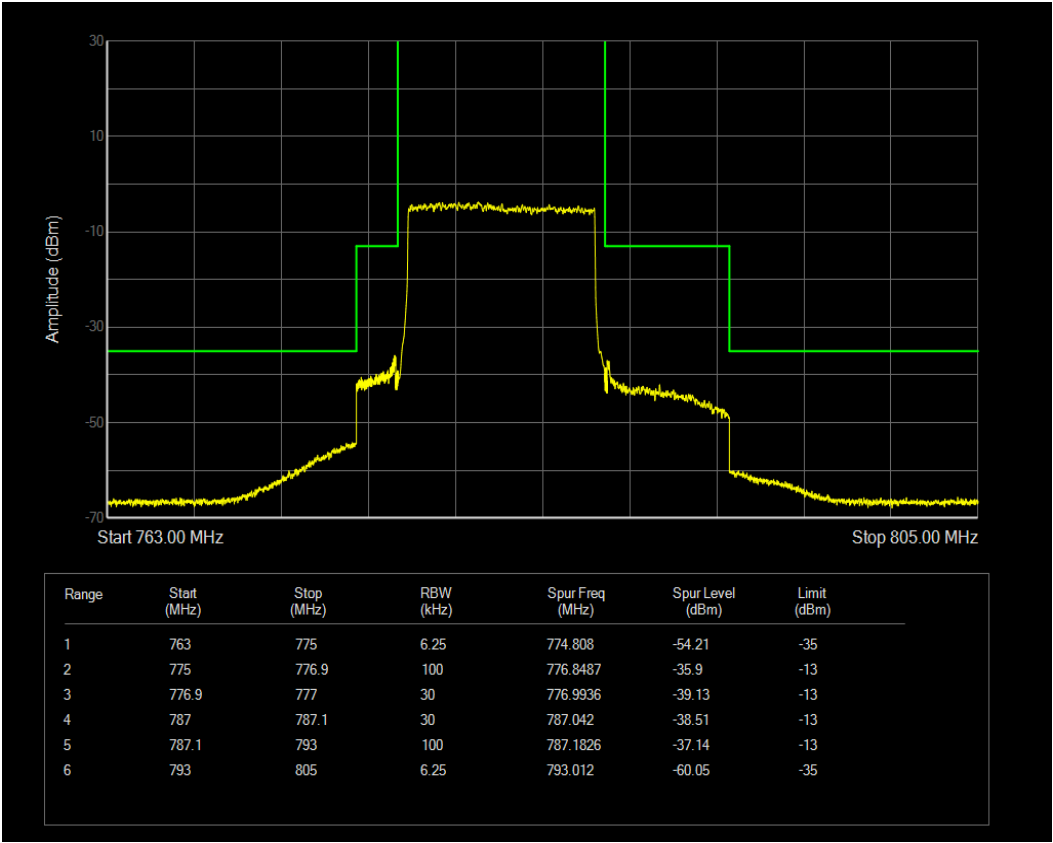
Band13 16QAM BW=5MHz Channel=23255 RB Size=25 Position=#0



Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0



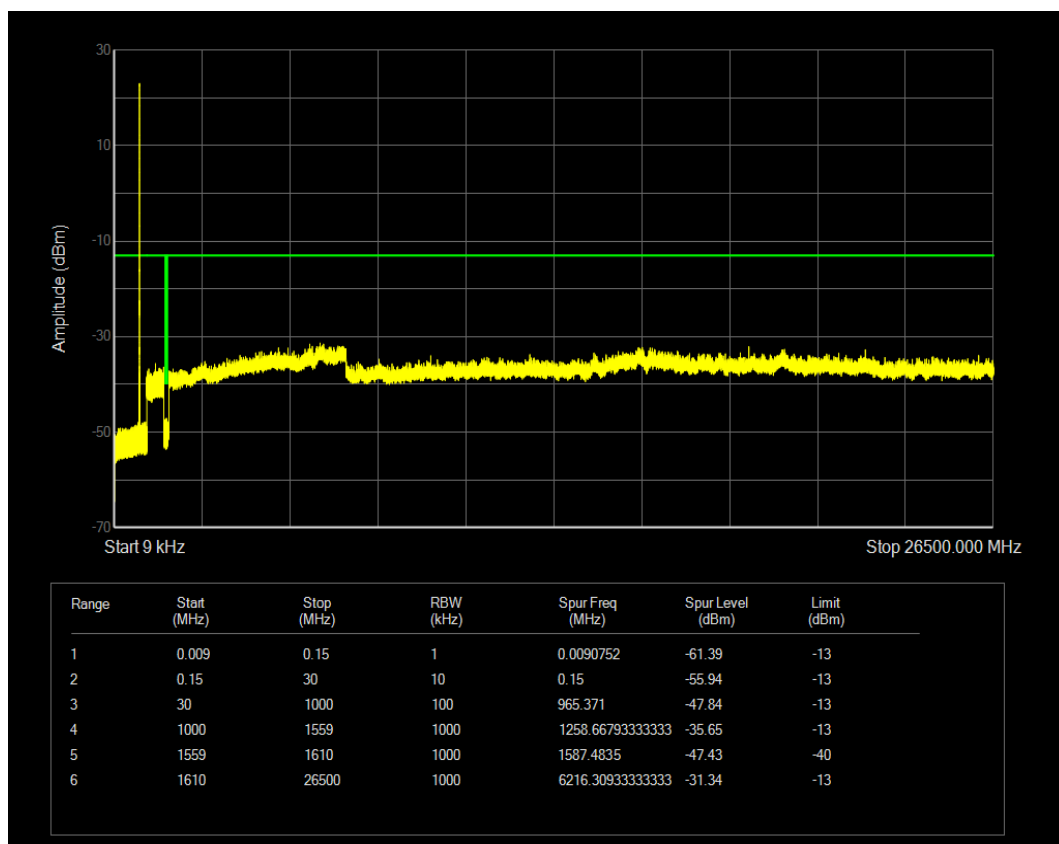
Band13 16QAM BW=10MHz Channel=23230 RB Size=50 Position=#0



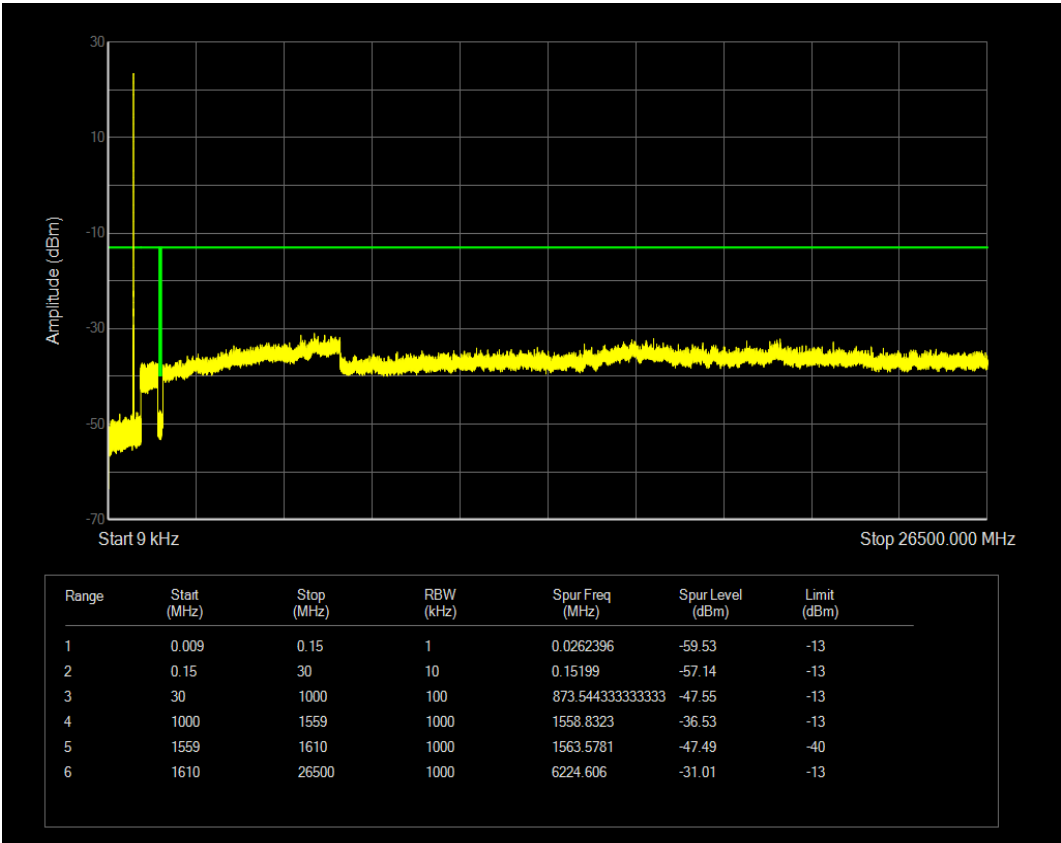
6 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band13	5	23205	1	#0	QPSK	1587.48	-47.43	-40	PASS
Band13	5	23205	1	#0	16QAM	1563.58	-47.49	-40	PASS
Band13	5	23230	1	#0	QPSK	1560.20	-47.87	-40	PASS
Band13	5	23230	1	#0	16QAM	1559.98	-47.04	-40	PASS
Band13	5	23255	1	#0	QPSK	1579.80	-47.01	-40	PASS
Band13	5	23255	1	#0	16QAM	1609.16	-47.99	-40	PASS
Band13	10	23230	1	#0	QPSK	1605.66	-47.27	-40	PASS
Band13	10	23230	1	#0	16QAM	1593.26	-47.56	-40	PASS

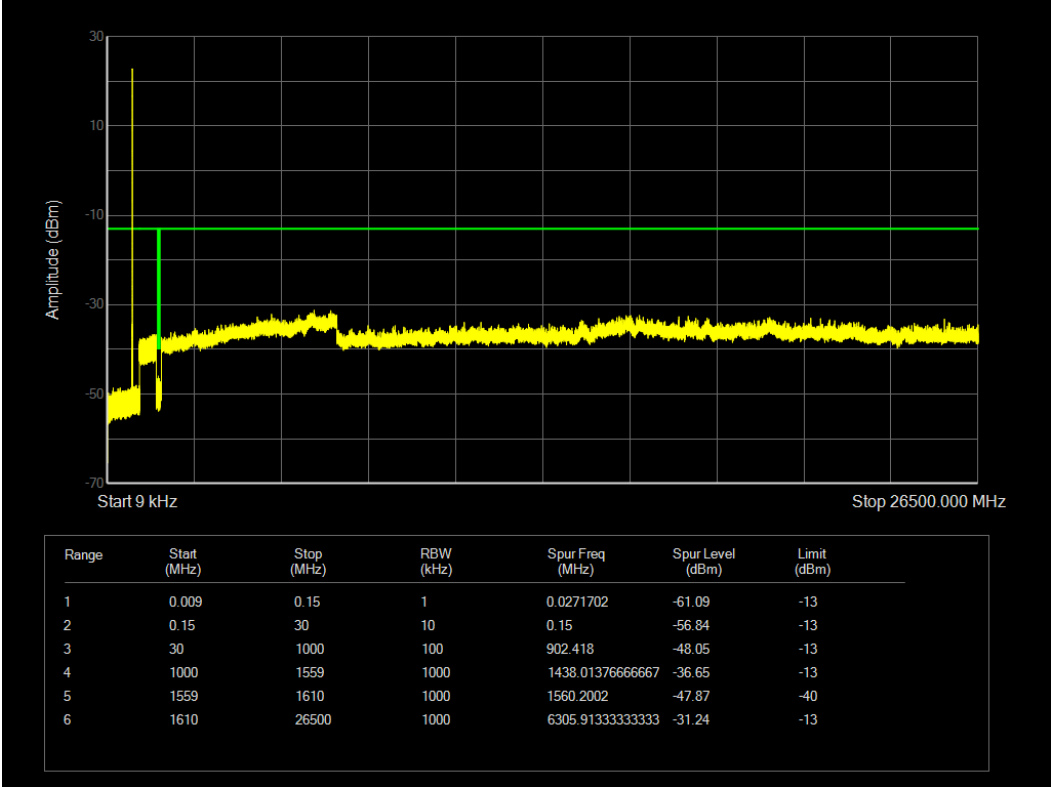
Band13 QPSK BW=5MHz Channel=23205 RB Size=1 Position=#0



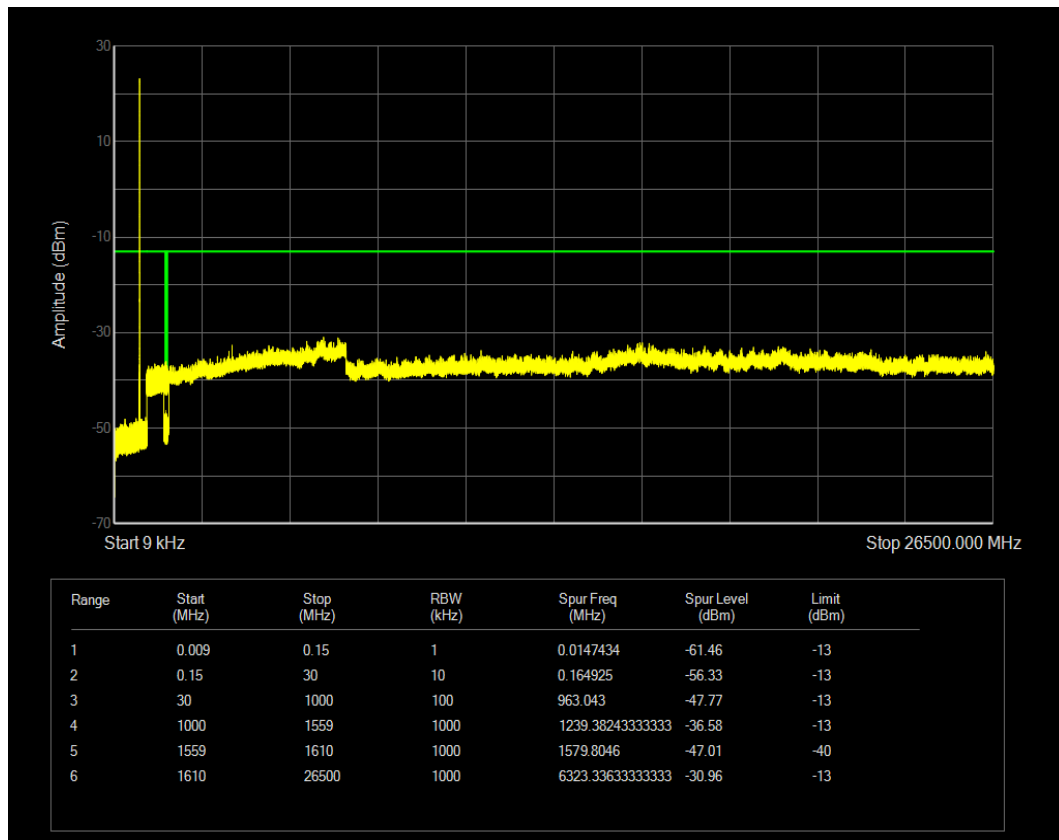
Band13 16QAM BW=5MHz Channel=23205 RB Size=1 Position=#0



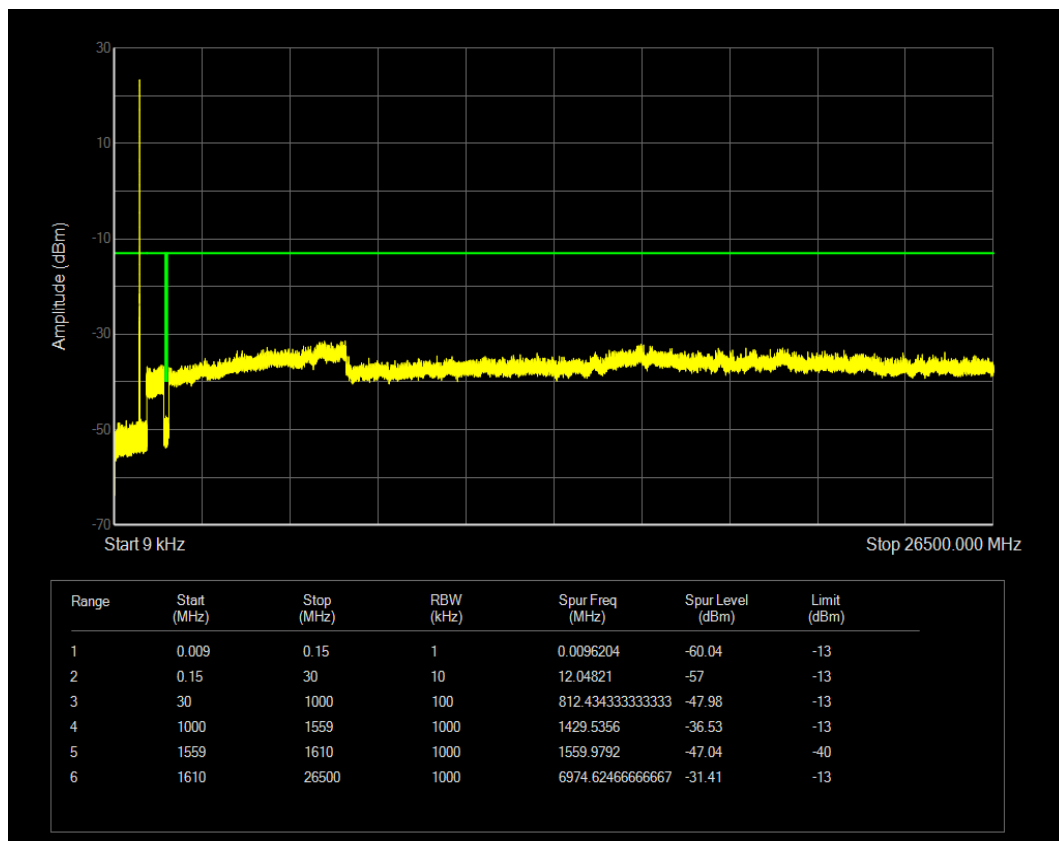
Band13 QPSK BW=5MHz Channel=23230 RB Size=1 Position=#0



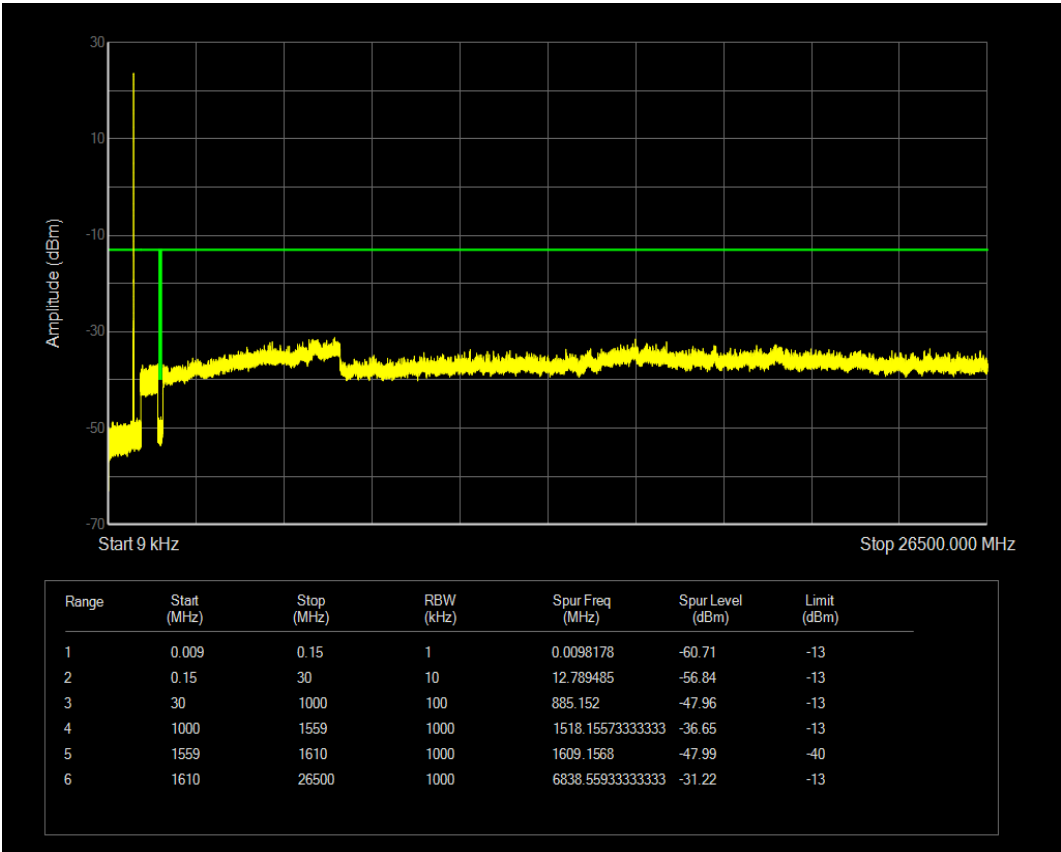
Band13 QPSK BW=5MHz Channel=23255 RB Size=1 Position=#0



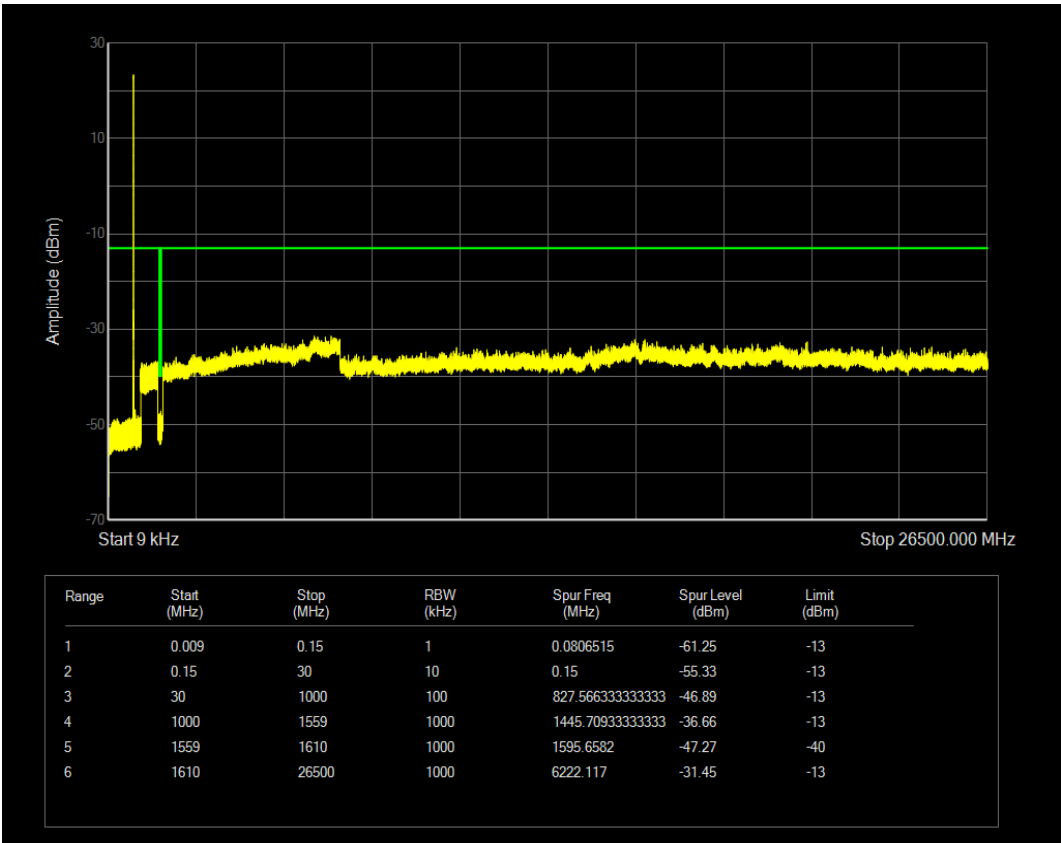
Band13 16QAM BW=5MHz Channel=23230 RB Size=1 Position=#0



Band13 16QAM BW=5MHz Channel=23255 RB Size=1 Position=#0



Band13 16QAM BW=10MHz Channel=23230 RB Size=1 Position=#0



Band13 QPSK BW=10MHz Channel=23230 RB Size=1 Position=#0

