

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band13	5	23205	1	#0	QPSK	23.05	-0.13	20.77	PASS
Band13	5	23205	1	#Mid	QPSK	23.05	-0.13	20.77	PASS
Band13	5	23205	1	#Max	QPSK	23.02	-0.13	20.74	PASS
Band13	5	23205	12	#0	QPSK	21.99	-0.13	19.71	PASS
Band13	5	23205	12	#Mid	QPSK	22.10	-0.13	19.82	PASS
Band13	5	23205	12	#Max	QPSK	22.11	-0.13	19.83	PASS
Band13	5	23205	25	#0	QPSK	22.33	-0.13	20.05	PASS
Band13	5	23205	1	#0	16QAM	22.29	-0.13	20.01	PASS
Band13	5	23205	1	#Mid	16QAM	22.42	-0.13	20.14	PASS
Band13	5	23205	1	#Max	16QAM	22.20	-0.13	19.92	PASS
Band13	5	23205	12	#0	16QAM	21.48	-0.13	19.20	PASS
Band13	5	23205	12	#Mid	16QAM	21.24	-0.13	18.96	PASS
Band13	5	23205	12	#Max	16QAM	21.13	-0.13	18.85	PASS
Band13	5	23205	25	#0	16QAM	21.07	-0.13	18.79	PASS
Band13	5	23230	1	#0	QPSK	23.08	-0.13	20.80	PASS
Band13	5	23230	1	#Mid	QPSK	23.08	-0.13	20.80	PASS
Band13	5	23230	1	#Max	QPSK	23.09	-0.13	20.81	PASS
Band13	5	23230	12	#0	QPSK	22.22	-0.13	19.94	PASS
Band13	5	23230	12	#Mid	QPSK	22.17	-0.13	19.89	PASS
Band13	5	23230	12	#Max	QPSK	22.22	-0.13	19.94	PASS
Band13	5	23230	25	#0	QPSK	22.27	-0.13	19.99	PASS
Band13	5	23230	1	#0	16QAM	22.49	-0.13	20.21	PASS
Band13	5	23230	1	#Mid	16QAM	22.44	-0.13	20.16	PASS
Band13	5	23230	1	#Max	16QAM	22.35	-0.13	20.07	PASS
Band13	5	23230	12	#0	16QAM	21.18	-0.13	18.90	PASS
Band13	5	23230	12	#Mid	16QAM	21.15	-0.13	18.87	PASS
Band13	5	23230	12	#Max	16QAM	21.27	-0.13	18.99	PASS
Band13	5	23230	25	#0	16QAM	21.25	-0.13	18.97	PASS
Band13	5	23255	1	#0	QPSK	23.05	-0.13	20.77	PASS
Band13	5	23255	1	#Mid	QPSK	23.22	-0.13	20.94	PASS
Band13	5	23255	1	#Max	QPSK	22.99	-0.13	20.71	PASS
Band13	5	23255	12	#0	QPSK	22.32	-0.13	20.04	PASS
Band13	5	23255	12	#Mid	QPSK	22.33	-0.13	20.05	PASS
Band13	5	23255	12	#Max	QPSK	22.22	-0.13	19.94	PASS
Band13	5	23255	25	#0	QPSK	22.29	-0.13	20.01	PASS
Band13	5	23255	1	#0	16QAM	22.44	-0.13	20.16	PASS
Band13	5	23255	1	#Mid	16QAM	22.44	-0.13	20.16	PASS
Band13	5	23255	1	#Max	16QAM	22.30	-0.13	20.02	PASS
Band13	5	23255	12	#0	16QAM	21.29	-0.13	19.01	PASS

Band13	5	23255	12	#Mid	16QAM	21.40	-0.13	19.12	PASS
Band13	5	23255	12	#Max	16QAM	21.24	-0.13	18.96	PASS
Band13	5	23255	25	#0	16QAM	21.27	-0.13	18.99	PASS
Band13	10	23230	1	#0	QPSK	23.46	-0.13	21.18	PASS
Band13	10	23230	1	#Mid	QPSK	23.19	-0.13	20.91	PASS
Band13	10	23230	1	#Max	QPSK	22.97	-0.13	20.69	PASS
Band13	10	23230	25	#0	QPSK	22.21	-0.13	19.93	PASS
Band13	10	23230	25	#Mid	QPSK	22.28	-0.13	20.00	PASS
Band13	10	23230	25	#Max	QPSK	22.23	-0.13	19.95	PASS
Band13	10	23230	50	#0	QPSK	22.34	-0.13	20.06	PASS
Band13	10	23230	1	#0	16QAM	22.65	-0.13	20.37	PASS
Band13	10	23230	1	#Mid	16QAM	22.40	-0.13	20.12	PASS
Band13	10	23230	1	#Max	16QAM	22.06	-0.13	19.78	PASS
Band13	10	23230	25	#0	16QAM	21.15	-0.13	18.87	PASS
Band13	10	23230	25	#Mid	16QAM	21.16	-0.13	18.88	PASS
Band13	10	23230	25	#Max	16QAM	21.21	-0.13	18.93	PASS
Band13	10	23230	50	#0	16QAM	21.23	-0.13	18.95	PASS

2 Frequency stability

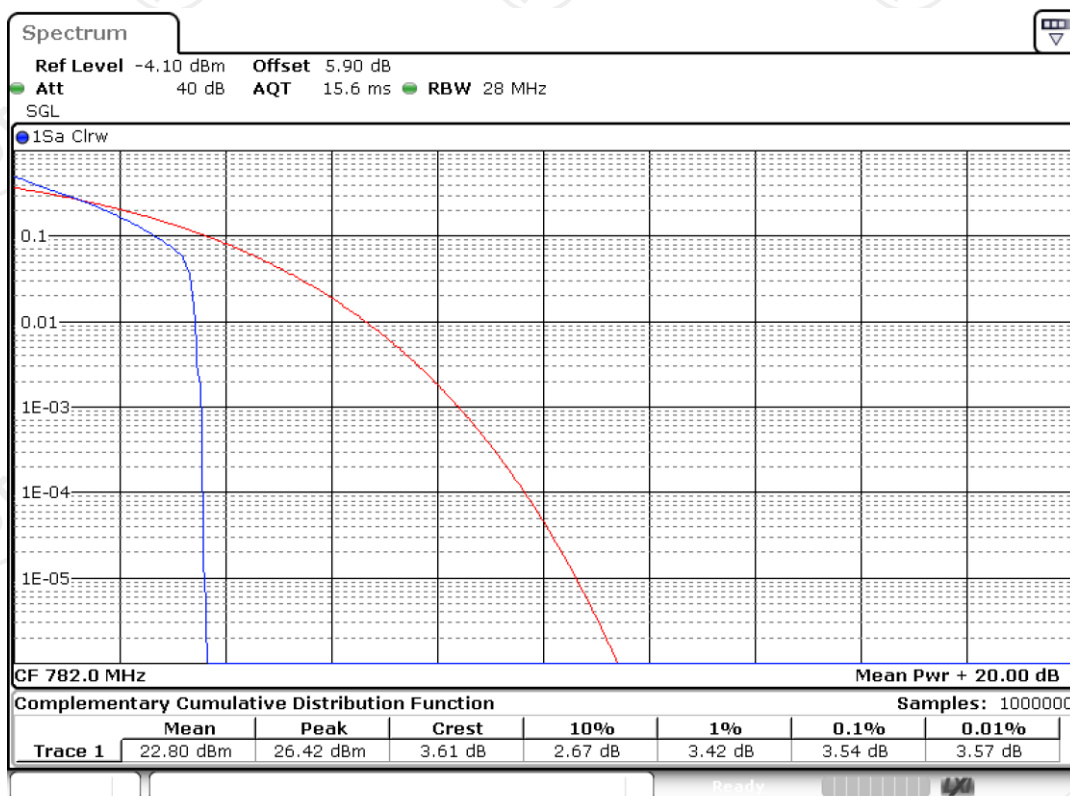
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band13	5	23205	25	#0	QPSK	VL	NT	-3.50	-0.004	±2.5	PASS
Band13	5	23205	25	#0	QPSK	VN	NT	-2.40	-0.003	±2.5	PASS
Band13	5	23205	25	#0	QPSK	VH	NT	-2.00	-0.003	±2.5	PASS
Band13	5	23205	25	#0	QPSK	NV	-30	-3.40	-0.004	±2.5	PASS
Band13	5	23205	25	#0	QPSK	NV	-20	-3.20	-0.004	±2.5	PASS
Band13	5	23205	25	#0	QPSK	NV	-10	0.30	0.000	±2.5	PASS
Band13	5	23205	25	#0	QPSK	NV	0	-1.50	-0.002	±2.5	PASS
Band13	5	23205	25	#0	QPSK	NV	10	-0.90	-0.001	±2.5	PASS
Band13	5	23205	25	#0	QPSK	NV	20	0.10	0.000	±2.5	PASS
Band13	5	23205	25	#0	16QAM	VL	NT	-1.80	-0.002	±2.5	PASS
Band13	5	23205	25	#0	16QAM	VN	NT	-2.70	-0.003	±2.5	PASS
Band13	5	23205	25	#0	16QAM	VH	NT	-4.30	-0.006	±2.5	PASS
Band13	5	23205	25	#0	16QAM	NV	-30	-0.90	-0.001	±2.5	PASS
Band13	5	23205	25	#0	16QAM	NV	-20	-1.20	-0.002	±2.5	PASS
Band13	5	23205	25	#0	16QAM	NV	-10	-1.30	-0.002	±2.5	PASS
Band13	5	23205	25	#0	16QAM	NV	0	-2.20	-0.003	±2.5	PASS
Band13	5	23205	25	#0	16QAM	NV	10	-0.90	-0.001	±2.5	PASS
Band13	5	23205	25	#0	16QAM	NV	20	-0.70	-0.001	±2.5	PASS
Band13	5	23230	25	#0	QPSK	VL	NT	-1.60	-0.002	±2.5	PASS
Band13	5	23230	25	#0	QPSK	VN	NT	-1.60	-0.002	±2.5	PASS
Band13	5	23230	25	#0	QPSK	VH	NT	-0.20	0.000	±2.5	PASS
Band13	5	23230	25	#0	QPSK	NV	-30	1.70	0.002	±2.5	PASS
Band13	5	23230	25	#0	QPSK	NV	-20	1.00	0.001	±2.5	PASS
Band13	5	23230	25	#0	QPSK	NV	-10	1.40	0.002	±2.5	PASS
Band13	5	23230	25	#0	QPSK	NV	0	-2.40	-0.003	±2.5	PASS
Band13	5	23230	25	#0	QPSK	NV	10	-2.40	-0.003	±2.5	PASS
Band13	5	23230	25	#0	QPSK	NV	20	-2.30	-0.003	±2.5	PASS
Band13	5	23230	25	#0	16QAM	VL	NT	-2.50	-0.003	±2.5	PASS
Band13	5	23230	25	#0	16QAM	VN	NT	-0.80	-0.001	±2.5	PASS
Band13	5	23230	25	#0	16QAM	VH	NT	-1.20	-0.002	±2.5	PASS
Band13	5	23230	25	#0	16QAM	NV	-30	1.60	0.002	±2.5	PASS
Band13	5	23230	25	#0	16QAM	NV	-20	-0.20	0.000	±2.5	PASS
Band13	5	23230	25	#0	16QAM	NV	-10	0.00	0.000	±2.5	PASS
Band13	5	23230	25	#0	16QAM	NV	0	-0.30	0.000	±2.5	PASS
Band13	5	23230	25	#0	16QAM	NV	10	1.40	0.002	±2.5	PASS
Band13	5	23230	25	#0	16QAM	NV	20	-2.50	-0.003	±2.5	PASS
Band13	5	23255	25	#0	QPSK	VL	NT	1.10	0.001	±2.5	PASS
Band13	5	23255	25	#0	QPSK	VN	NT	0.80	0.001	±2.5	PASS
Band13	5	23255	25	#0	QPSK	VH	NT	-0.60	-0.001	±2.5	PASS

Band13	5	23255	25	#0	QPSK	NV	-30	-2.70	-0.003	±2.5	PASS
Band13	5	23255	25	#0	QPSK	NV	-20	1.30	0.002	±2.5	PASS
Band13	5	23255	25	#0	QPSK	NV	-10	0.80	0.001	±2.5	PASS
Band13	5	23255	25	#0	QPSK	NV	0	-2.20	-0.003	±2.5	PASS
Band13	5	23255	25	#0	QPSK	NV	10	-2.30	-0.003	±2.5	PASS
Band13	5	23255	25	#0	QPSK	NV	20	-2.40	-0.003	±2.5	PASS
Band13	5	23255	25	#0	16QAM	VL	NT	1.60	0.002	±2.5	PASS
Band13	5	23255	25	#0	16QAM	VN	NT	1.40	0.002	±2.5	PASS
Band13	5	23255	25	#0	16QAM	VH	NT	0.30	0.000	±2.5	PASS
Band13	5	23255	25	#0	16QAM	NV	-30	0.10	0.000	±2.5	PASS
Band13	5	23255	25	#0	16QAM	NV	-20	-2.80	-0.004	±2.5	PASS
Band13	5	23255	25	#0	16QAM	NV	-10	-1.10	-0.001	±2.5	PASS
Band13	5	23255	25	#0	16QAM	NV	0	-2.40	-0.003	±2.5	PASS
Band13	5	23255	25	#0	16QAM	NV	10	1.70	0.002	±2.5	PASS
Band13	5	23255	25	#0	16QAM	NV	20	-1.20	-0.002	±2.5	PASS

3 Peak-to-Average Ratio

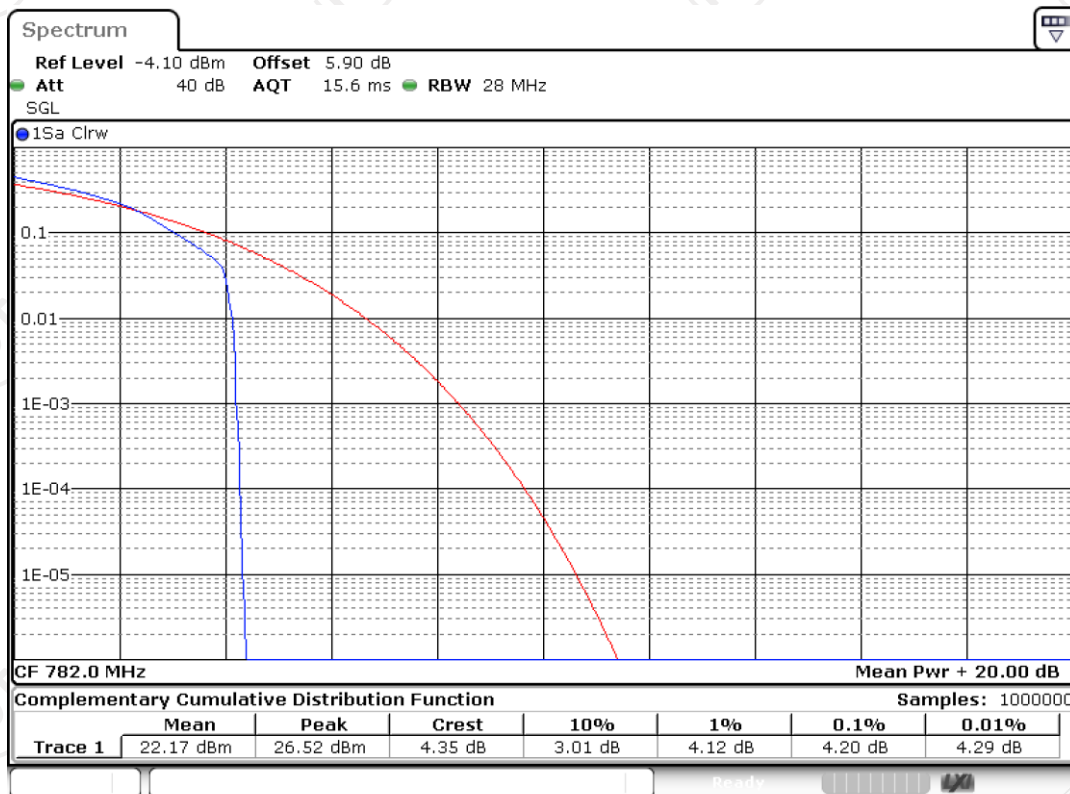
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band13	5	23205	1	#0	QPSK	3.48	13	PASS
Band13	5	23205	1	#0	16QAM	4.26	13	PASS
Band13	5	23230	1	#0	QPSK	3.54	13	PASS
Band13	5	23230	1	#0	16QAM	4.20	13	PASS
Band13	5	23255	1	#0	QPSK	3.62	13	PASS
Band13	5	23255	1	#0	16QAM	4.29	13	PASS
Band13	10	23230	1	#0	QPSK	3.65	13	PASS
Band13	10	23230	1	#0	16QAM	4.32	13	PASS

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



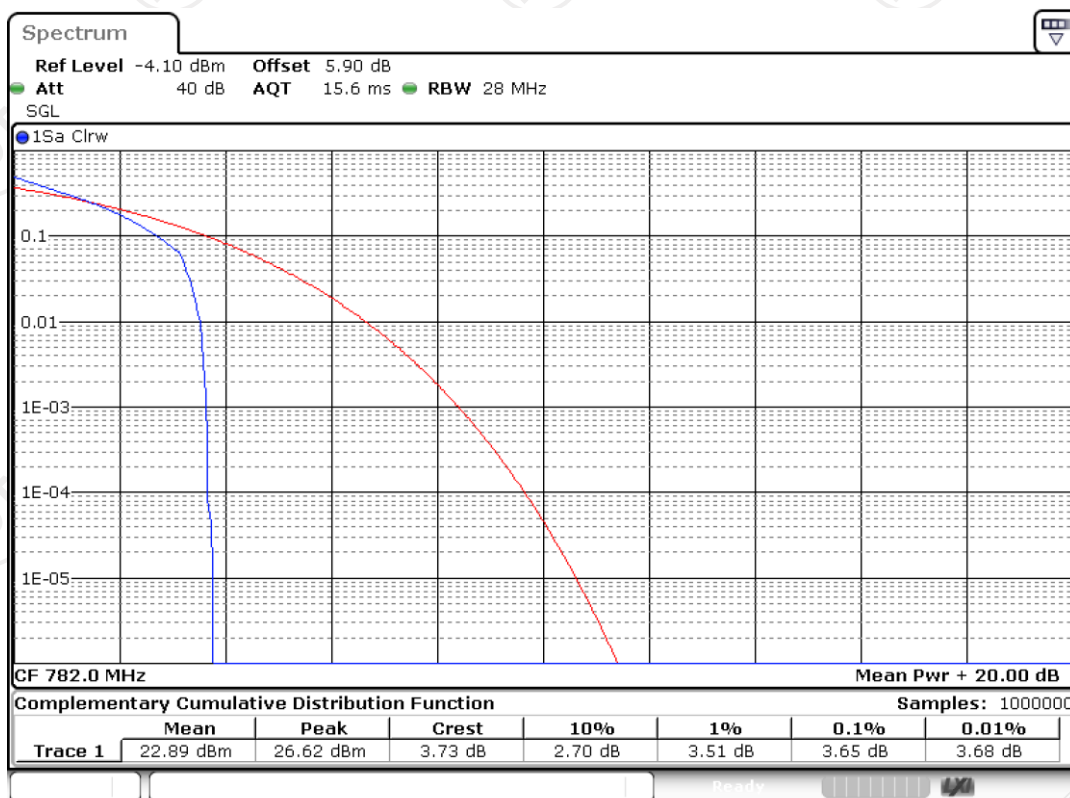
Date: 9.JUN.2023 12:43:48

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



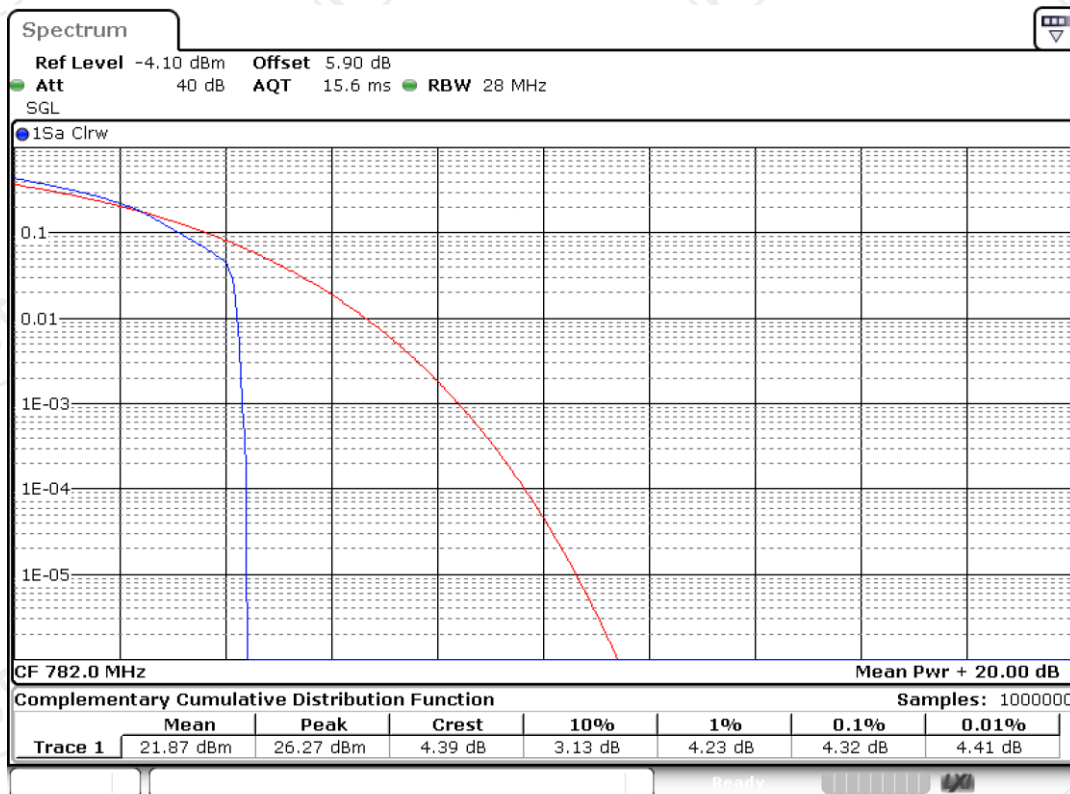
Date: 9.JUN.2023 12:43:52

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



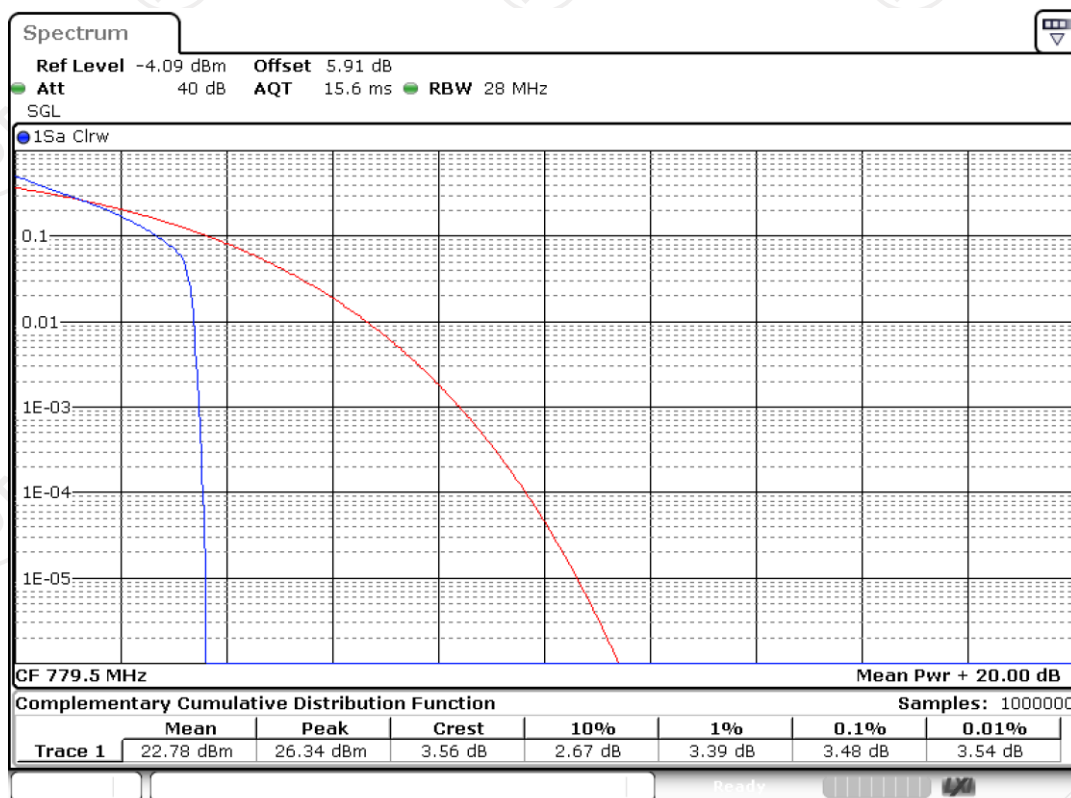
Date: 9.JUN.2023 12:44:07

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



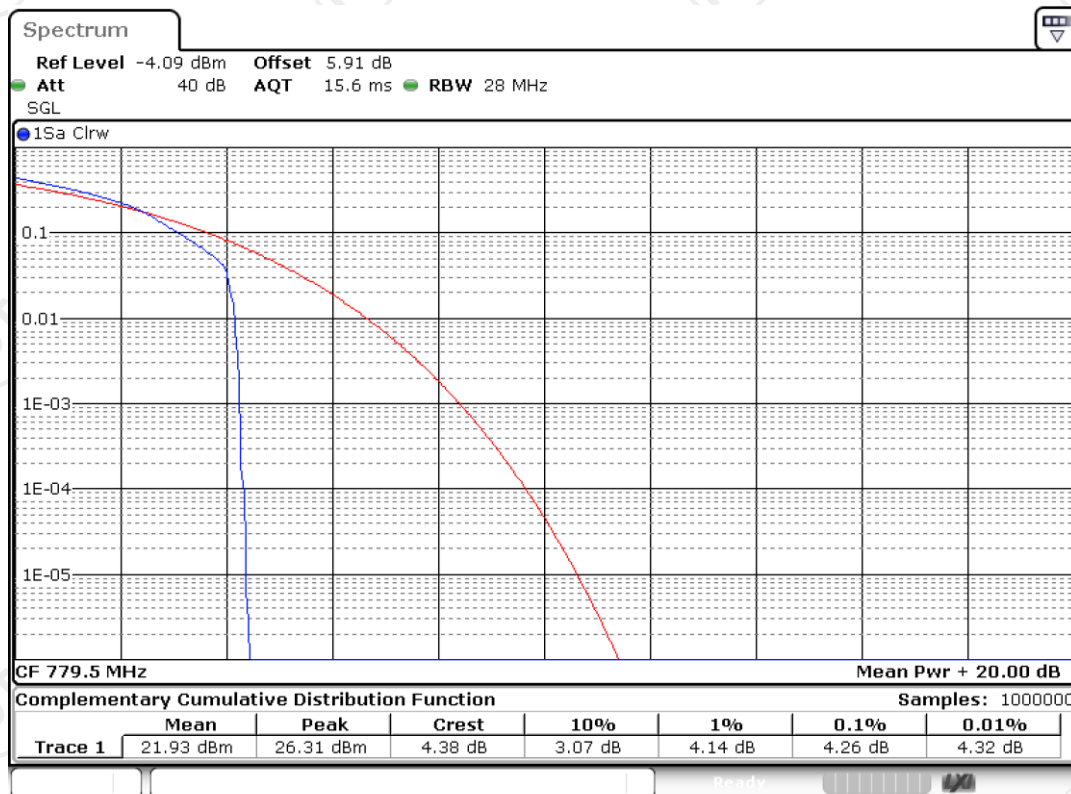
Date: 9.JUN.2023 12:44:11

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



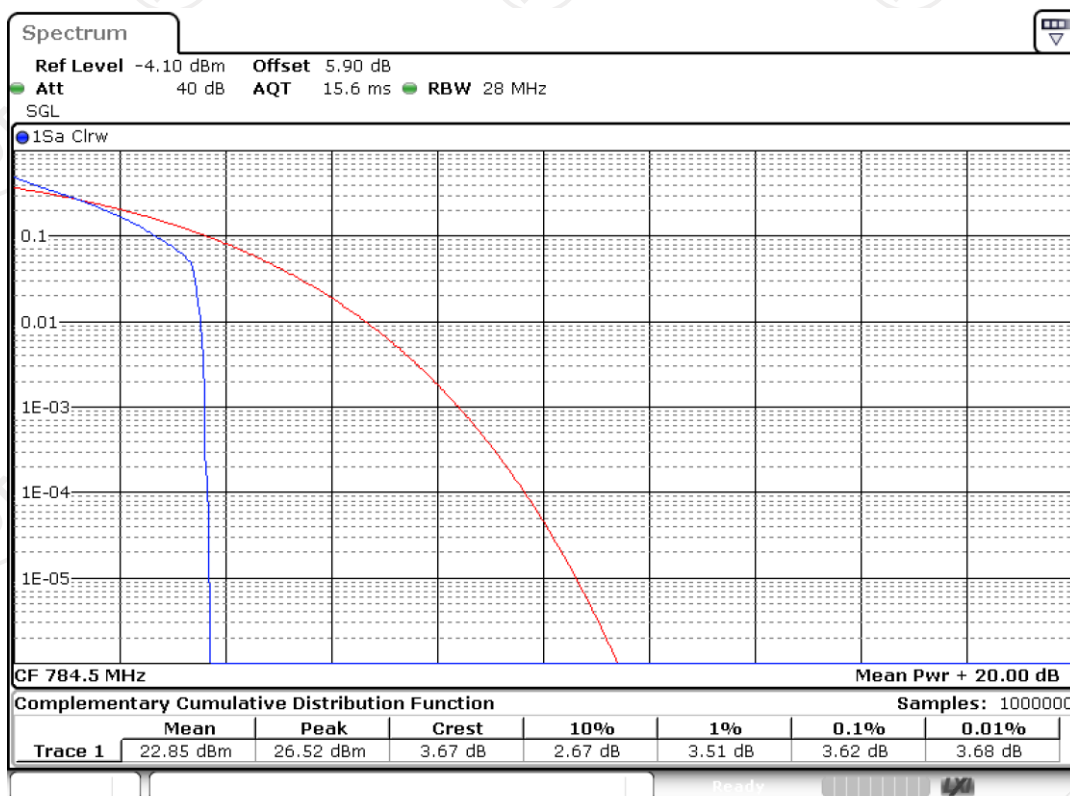
Date: 9.JUN.2023 12:43:38

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



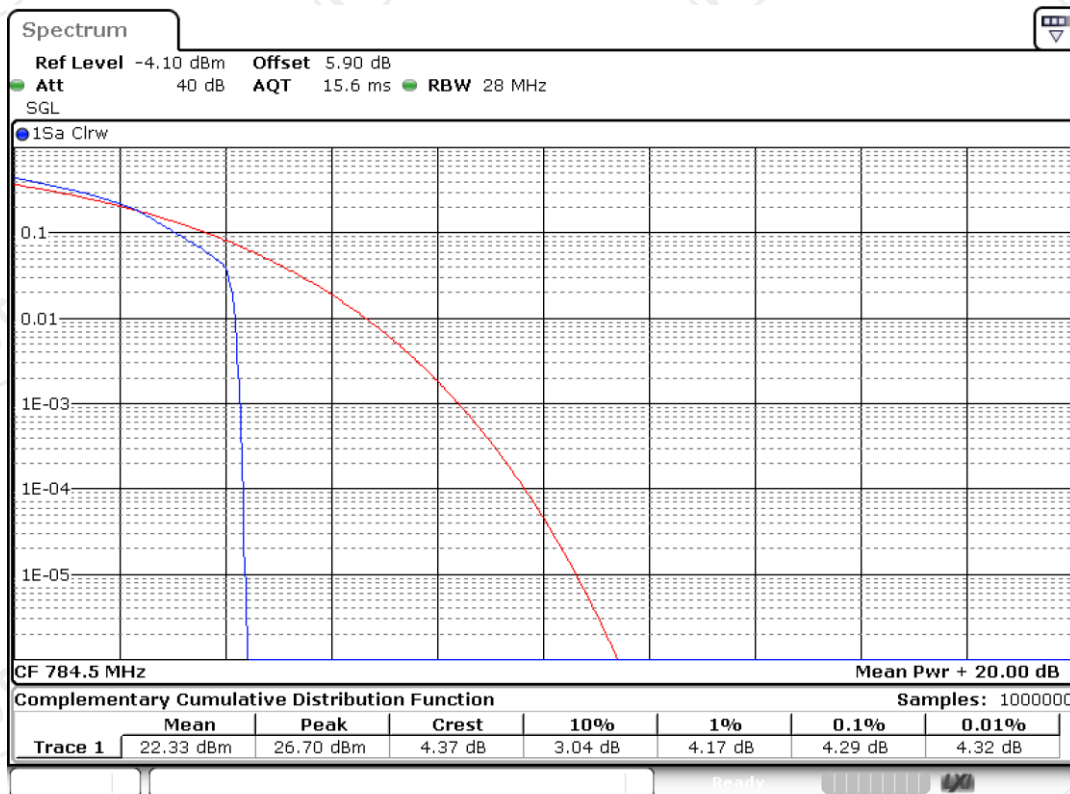
Date: 9.JUN.2023 12:43:43

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



Date: 9.JUN.2023 12:43:57

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

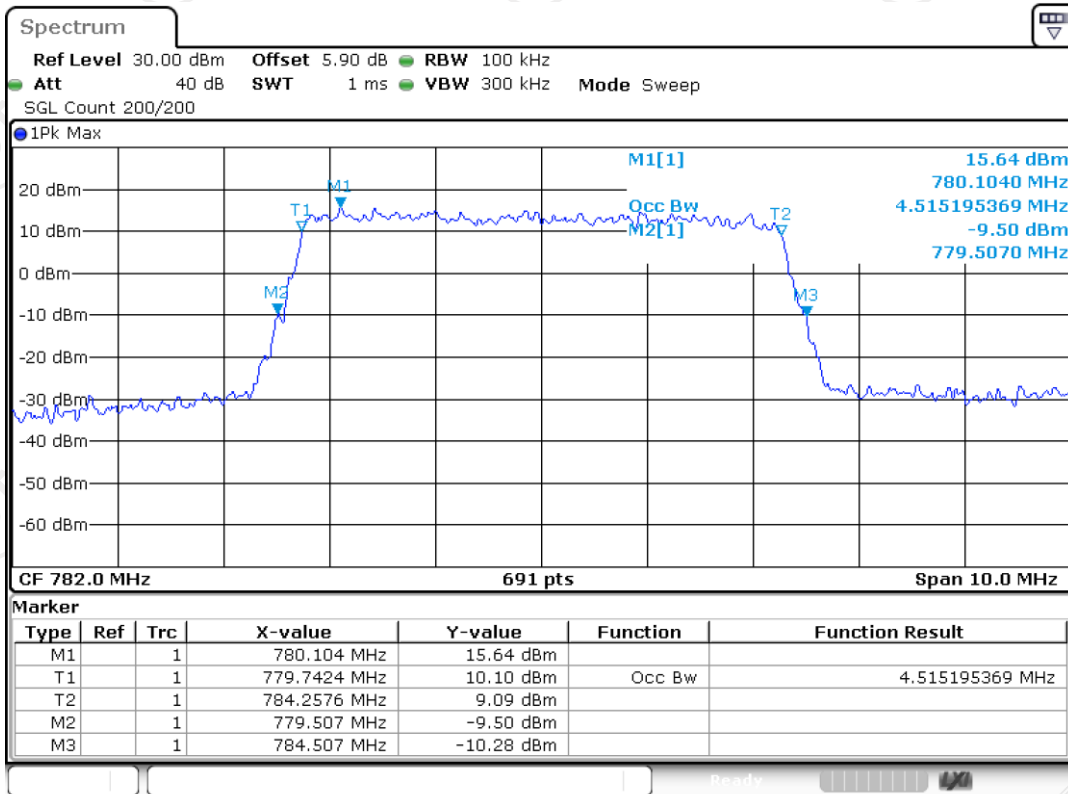


Date: 9.JUN.2023 12:44:01

4 Occupied bandwidth

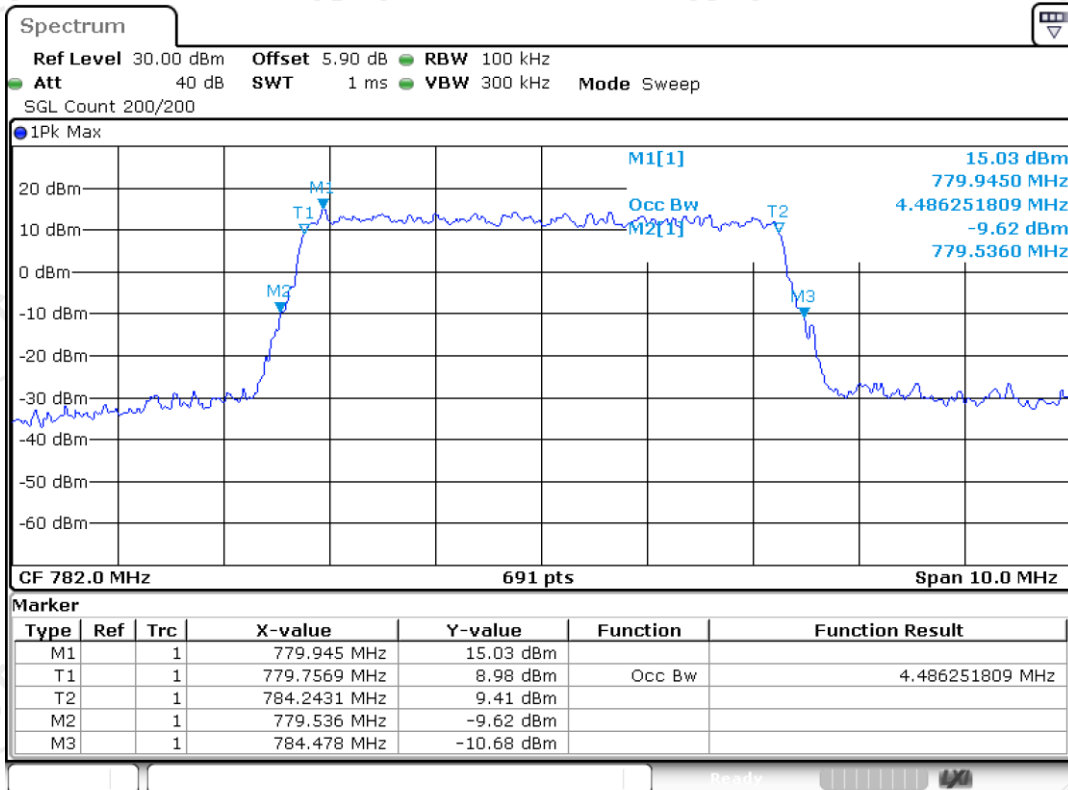
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band13	5	23205	25	#0	QPSK	4.486	4.913	PASS
Band13	5	23205	25	#0	16QAM	4.501	4.870	PASS
Band13	5	23230	25	#0	QPSK	4.515	5.000	PASS
Band13	5	23230	25	#0	16QAM	4.486	4.942	PASS
Band13	5	23255	25	#0	QPSK	4.515	5.043	PASS
Band13	5	23255	25	#0	16QAM	4.515	4.971	PASS
Band13	10	23230	50	#0	QPSK	8.973	9.855	PASS
Band13	10	23230	50	#0	16QAM	8.944	9.710	PASS

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



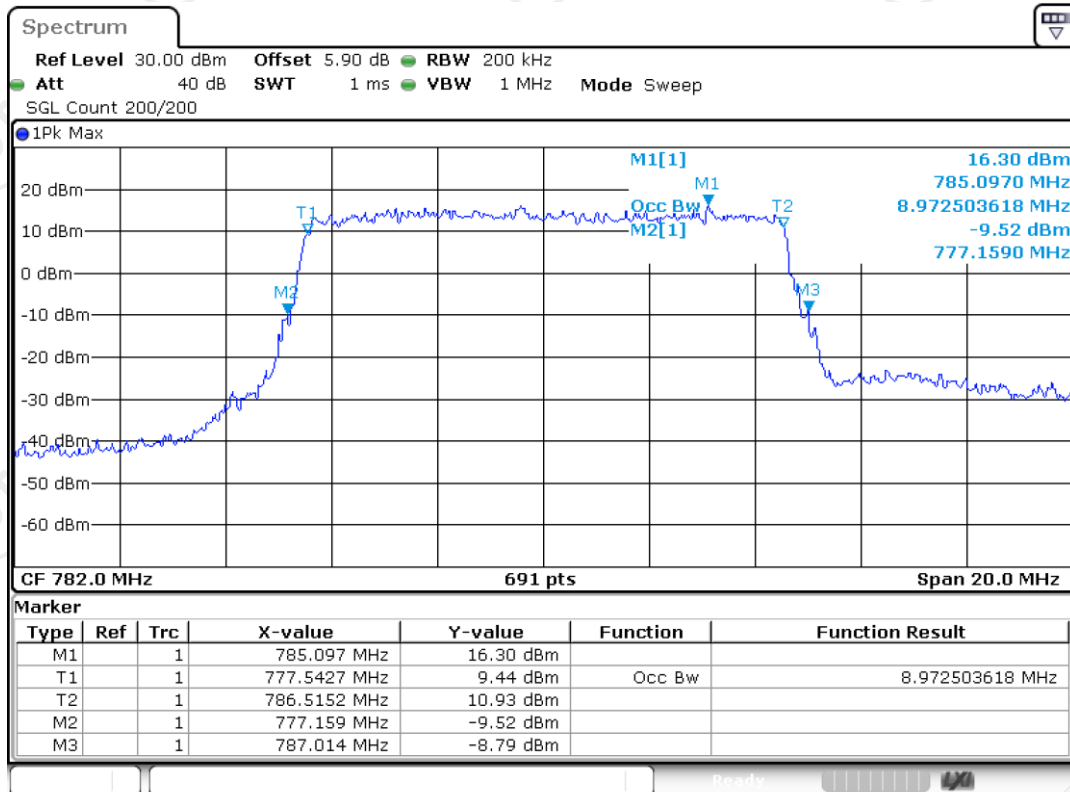
Date: 9.JUN.2023 12:44:38

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



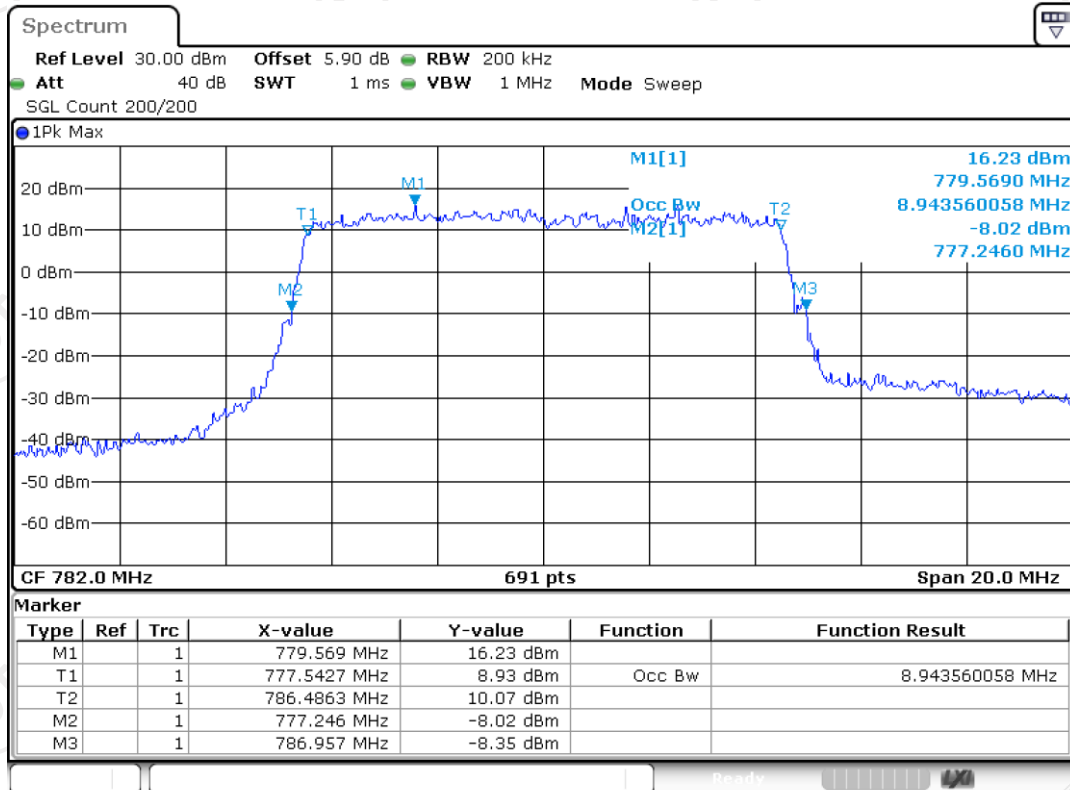
Date: 9.JUN.2023 12:44:44

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



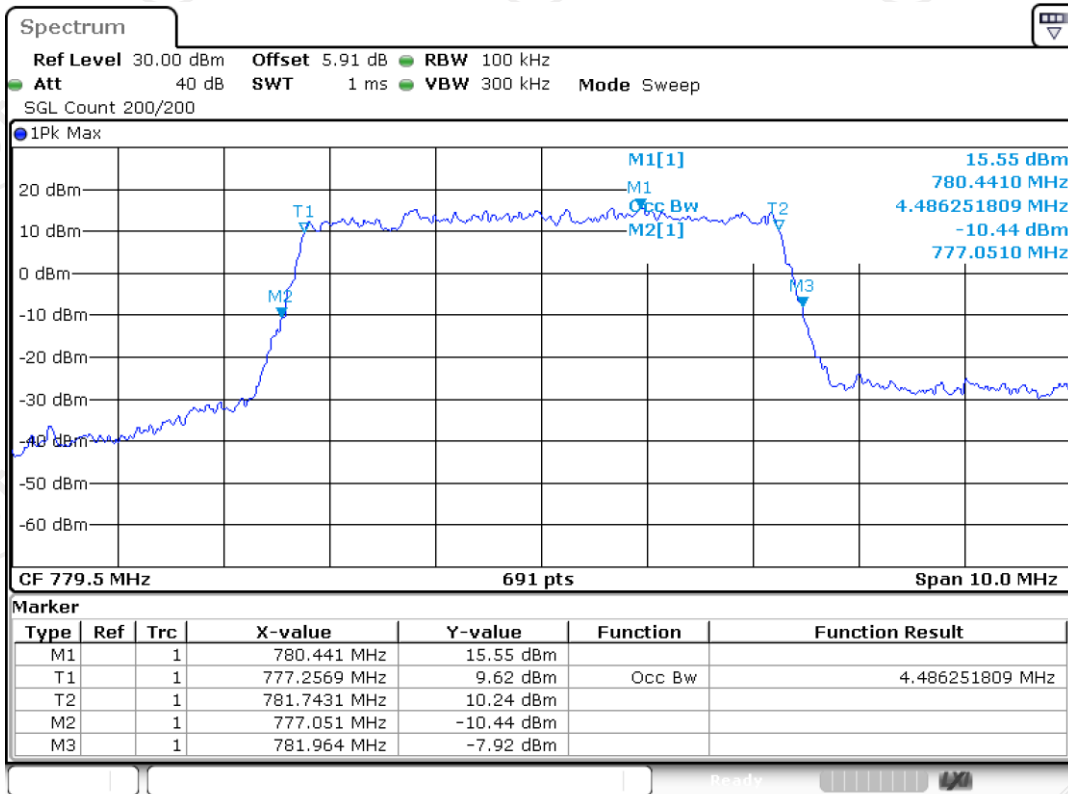
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Band13 16QAM BW=10MHz Channel=23230 RB Size=50 Position=#0



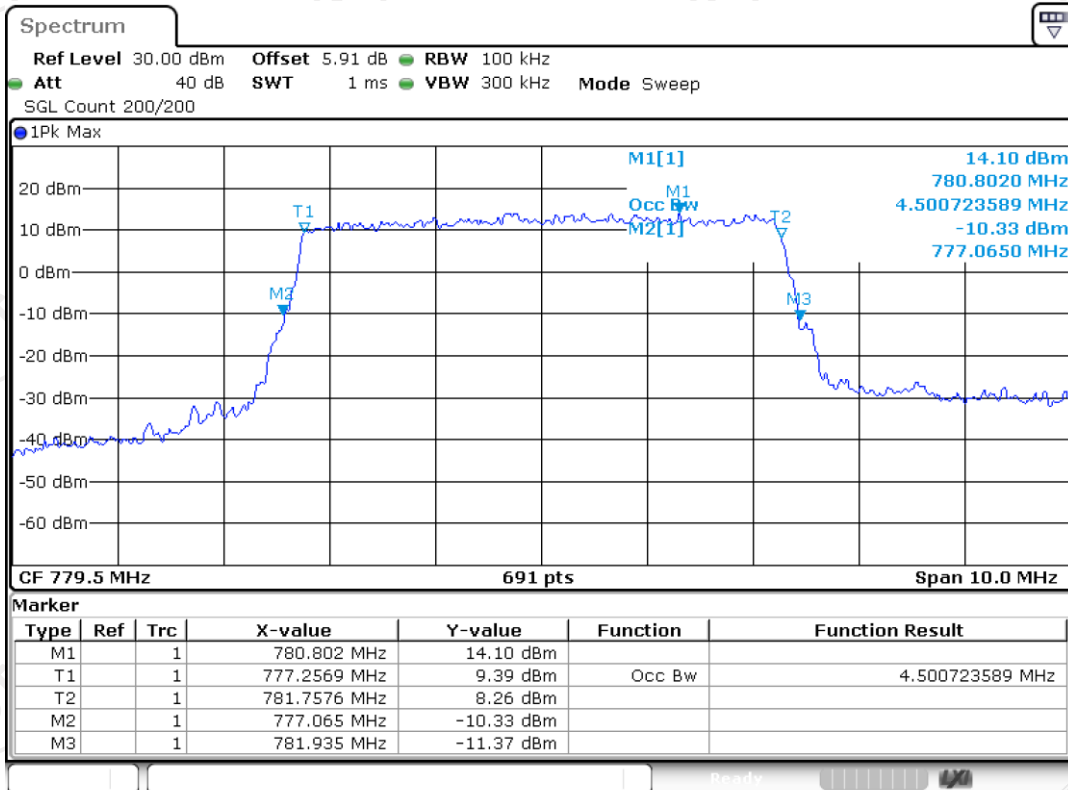
Date: 9.JUN.2023 12:45:08

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



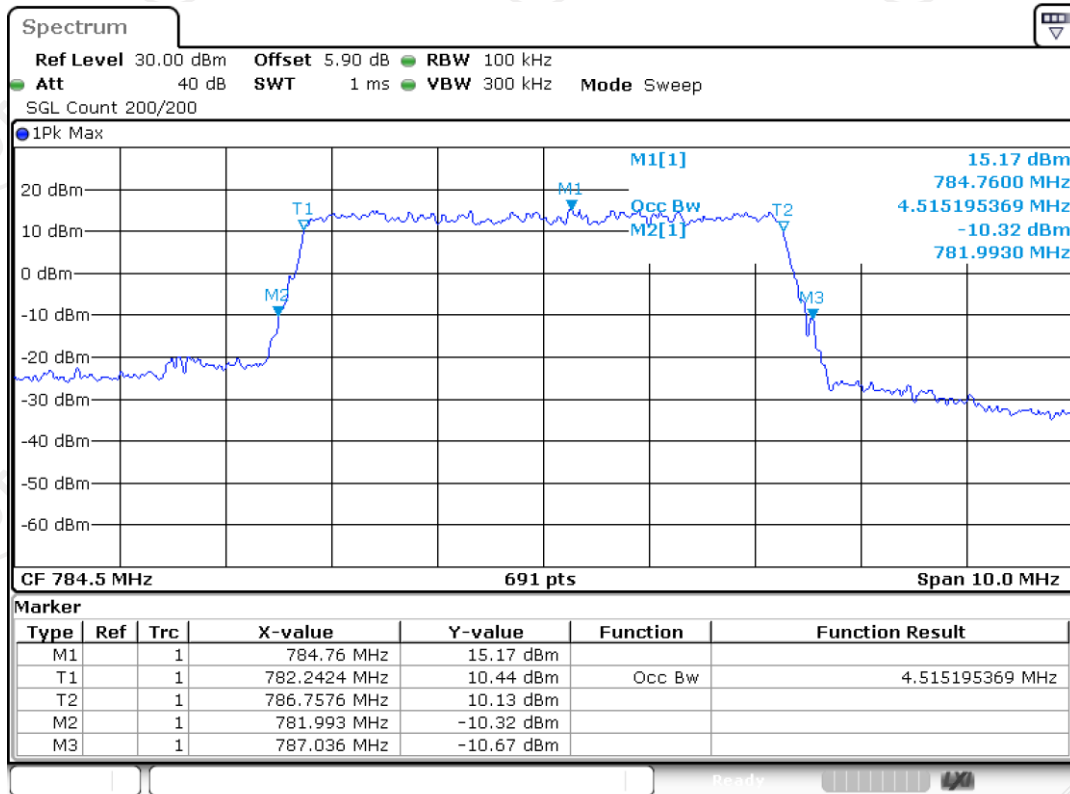
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Band13 16QAM BW=5MHz Channel=23205 RB Size=25 Position=#0



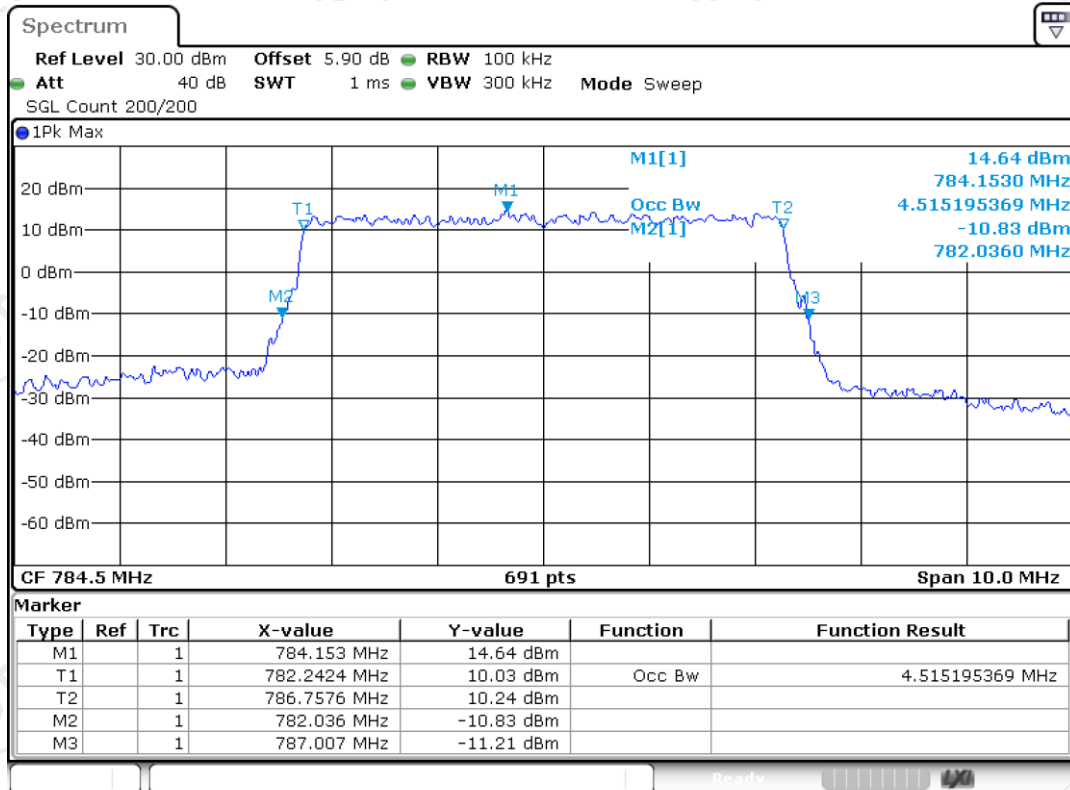
Date: 9.JUN.2023 12:44:33

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



Date: 9.JUN.2023 12:44:49

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

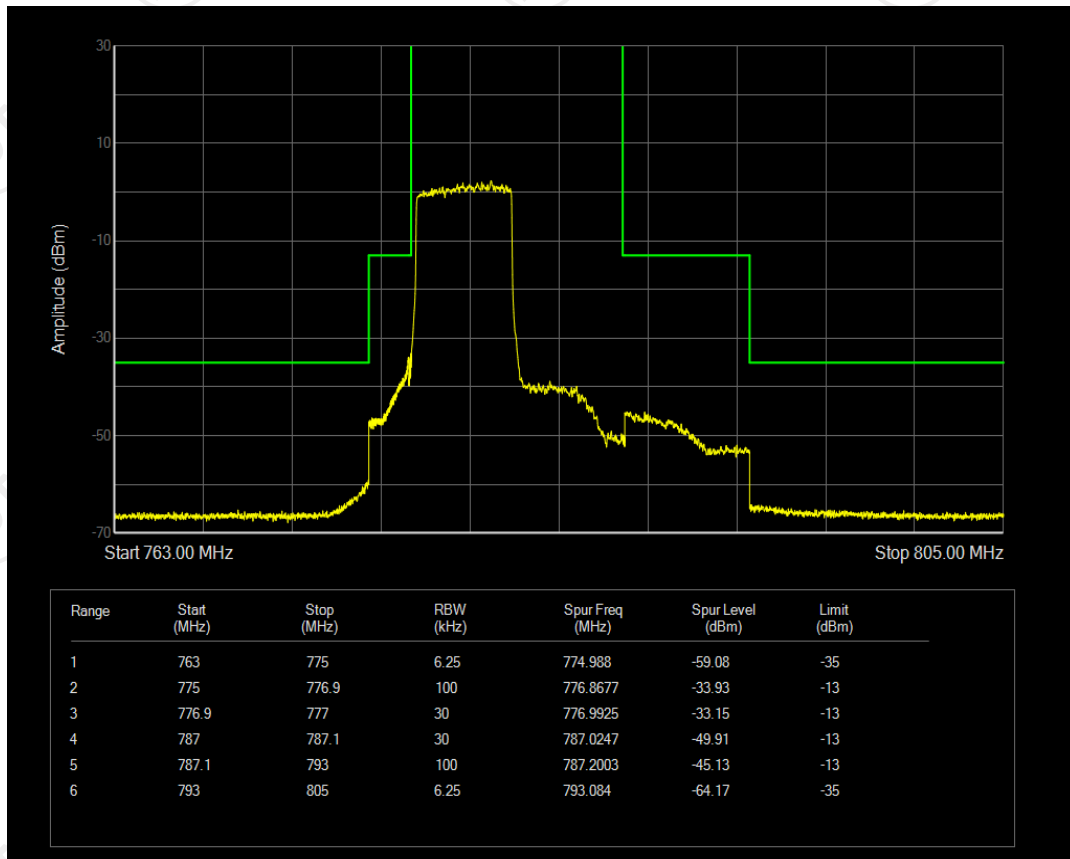


Date: 9.JUN.2023 12:44:55

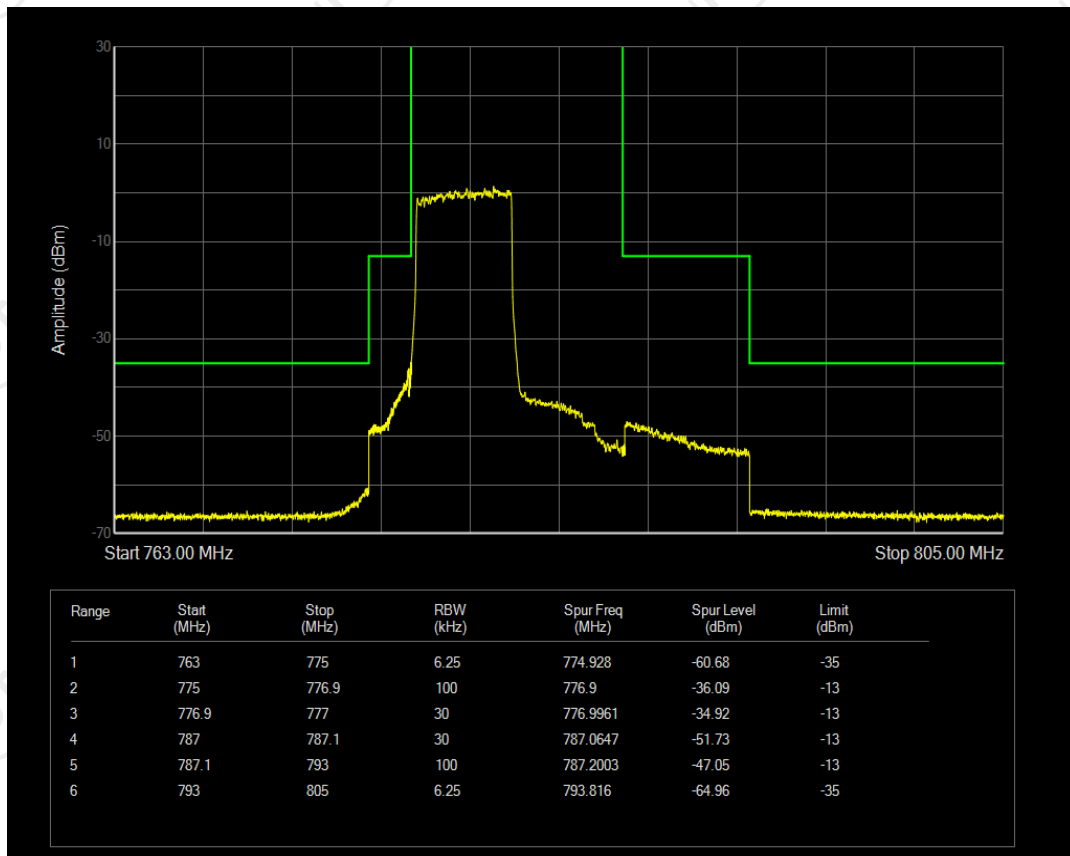
5 Band edge

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	776.99	-33.15	-13	PASS
Band13	5	23205	25	#0	16QAM	777.00	-34.92	-13	PASS
Band13	5	23255	25	#0	QPSK	787.00	-30.06	-13	PASS
Band13	5	23255	25	#0	16QAM	787.00	-31.48	-13	PASS
Band13	10	23230	50	#0	QPSK	793.24	-52.92	-35	PASS
Band13	10	23230	50	#0	16QAM	793.05	-54.69	-35	PASS

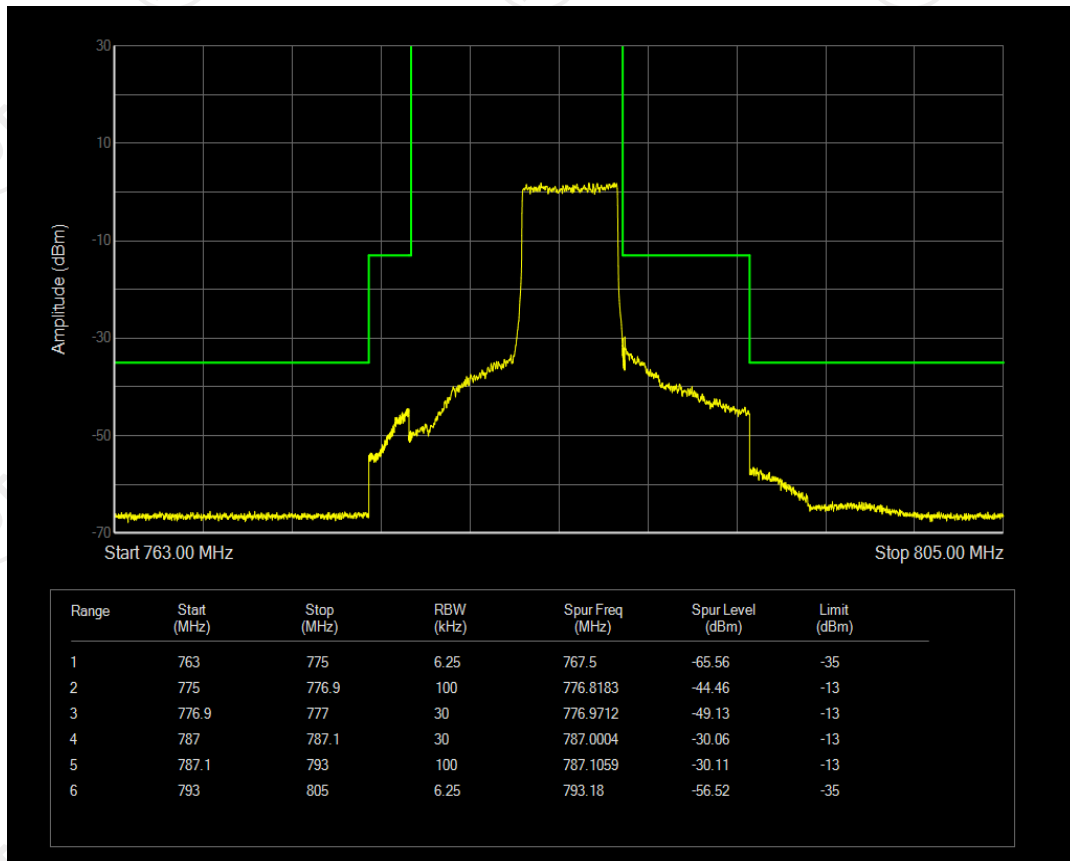
Band13 QPSK BW=5MHz Channel=23205 RB Size=25 Position=#0



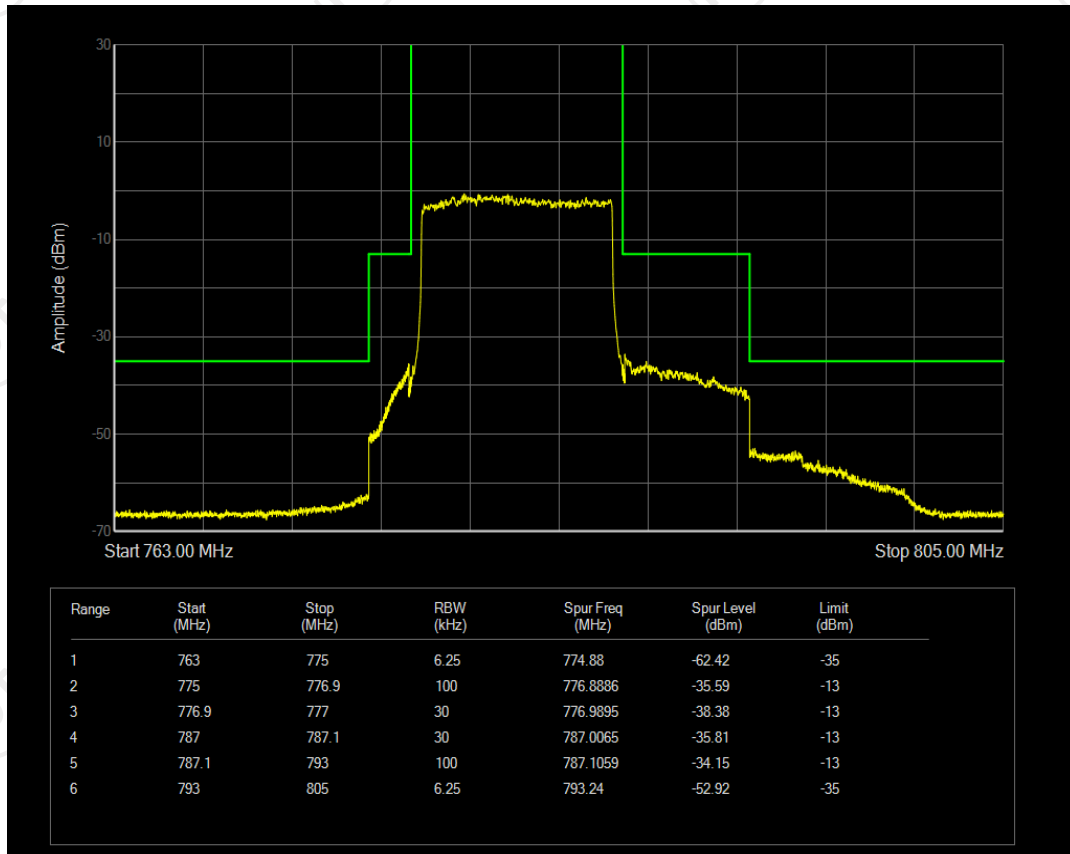
Band13 16QAM BW=5MHz Channel=23205 RB Size=25 Position=#0



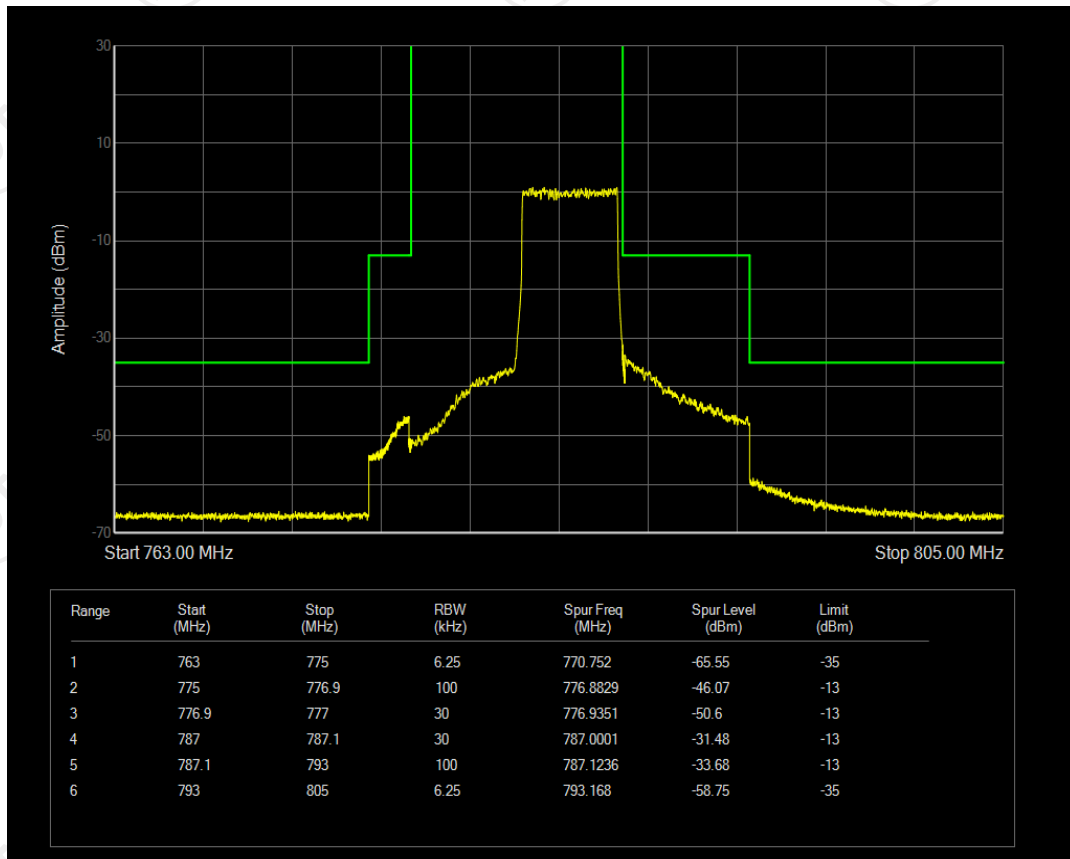
Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0



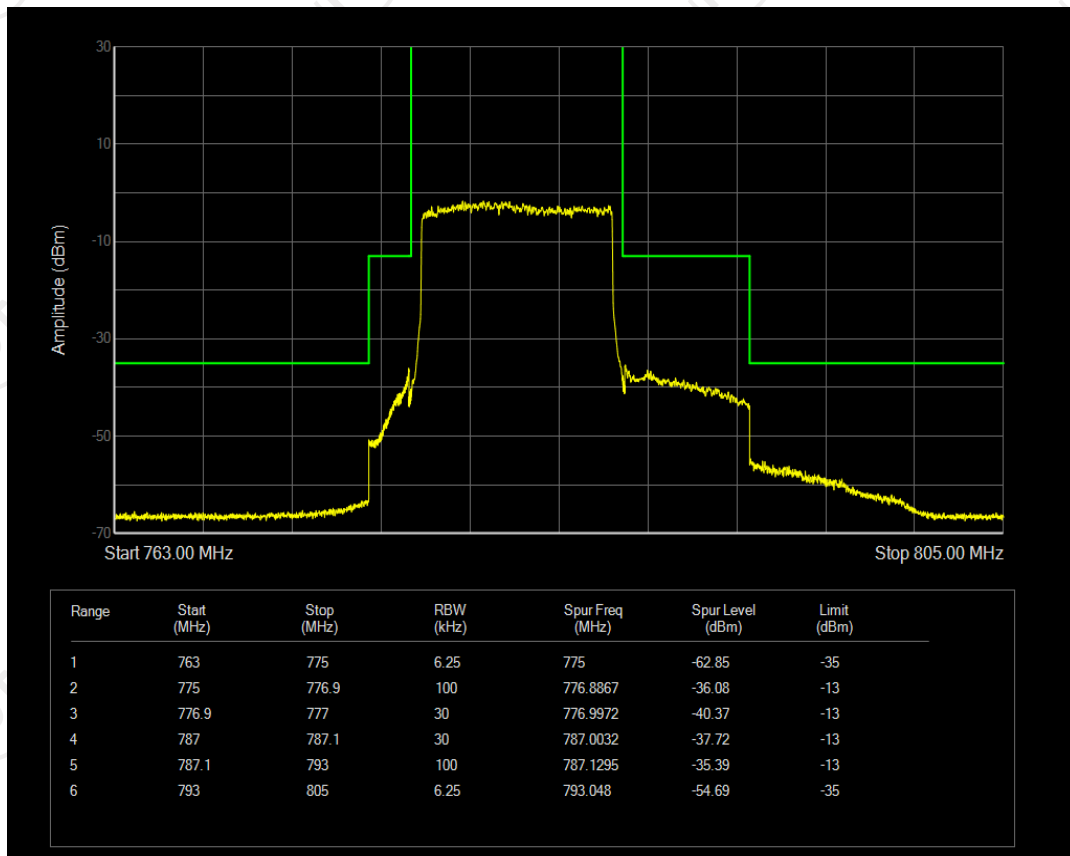
Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0



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



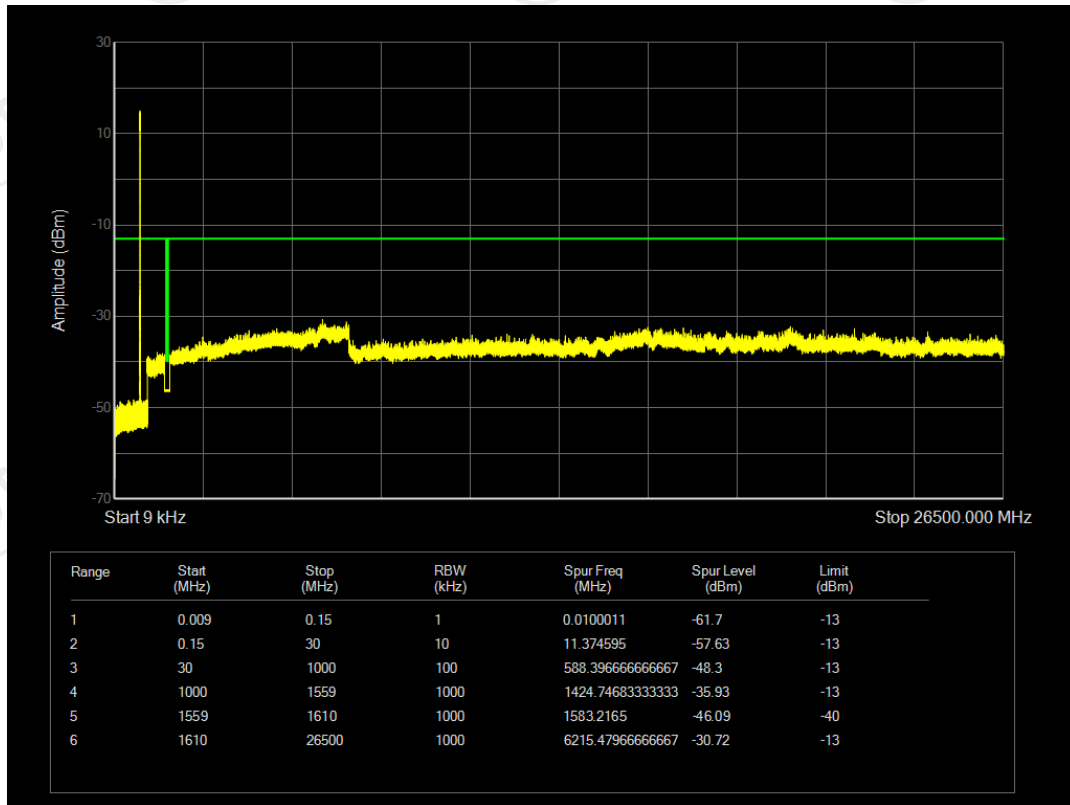
Band13 16QAM BW=10MHz Channel=23230 RB Size=50 Position=#0



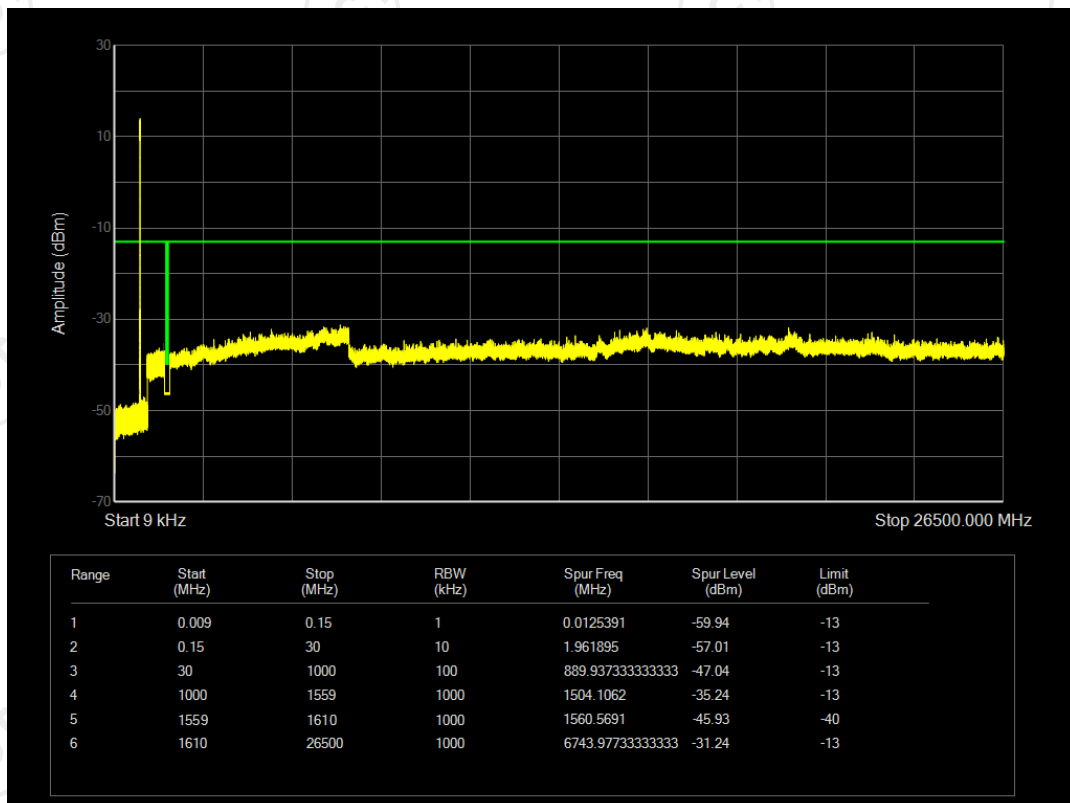
6 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band13	5	23205	25	#0	QPSK	1583.22	-46.09	-40	PASS
Band13	5	23205	25	#0	16QAM	1560.57	-45.93	-40	PASS
Band13	5	23255	25	#0	QPSK	1574.43	-46.36	-40	PASS
Band13	5	23255	25	#0	16QAM	1574.98	-46.29	-40	PASS
Band13	10	23230	50	#0	QPSK	1566.21	-45.90	-40	PASS
Band13	10	23230	50	#0	16QAM	1575.38	-45.87	-40	PASS

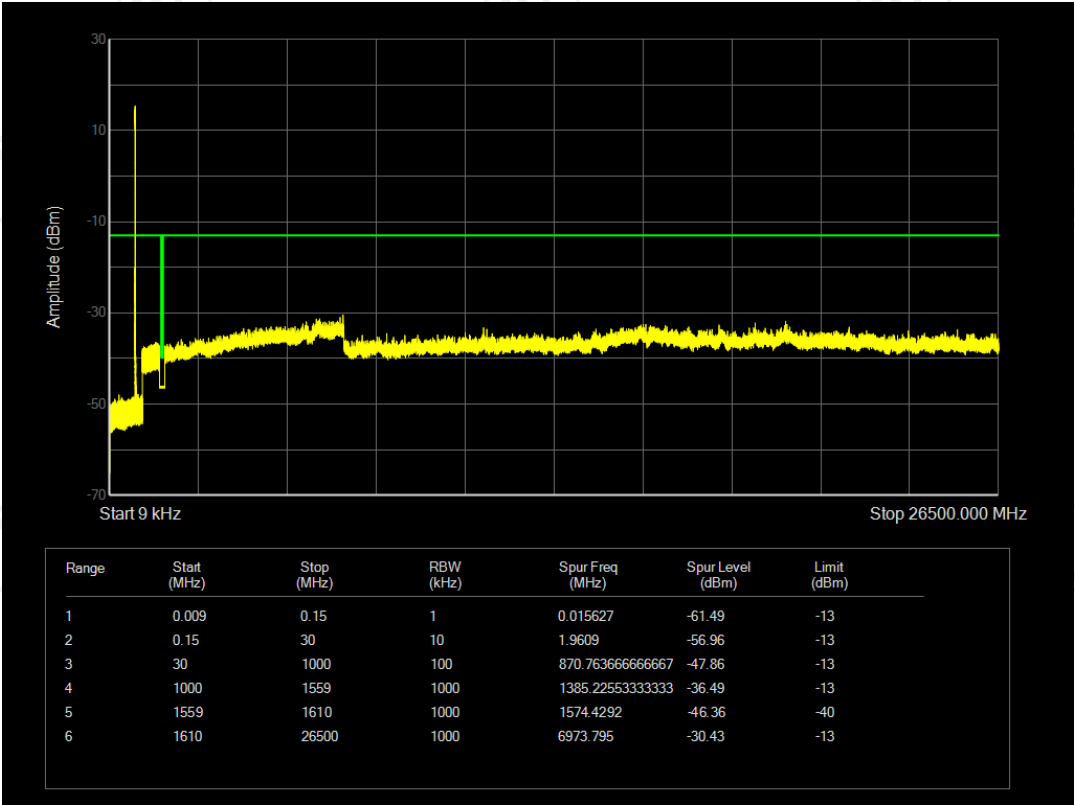
Band13 QPSK BW=5MHz Channel=23205 RB Size=25 Position=#0



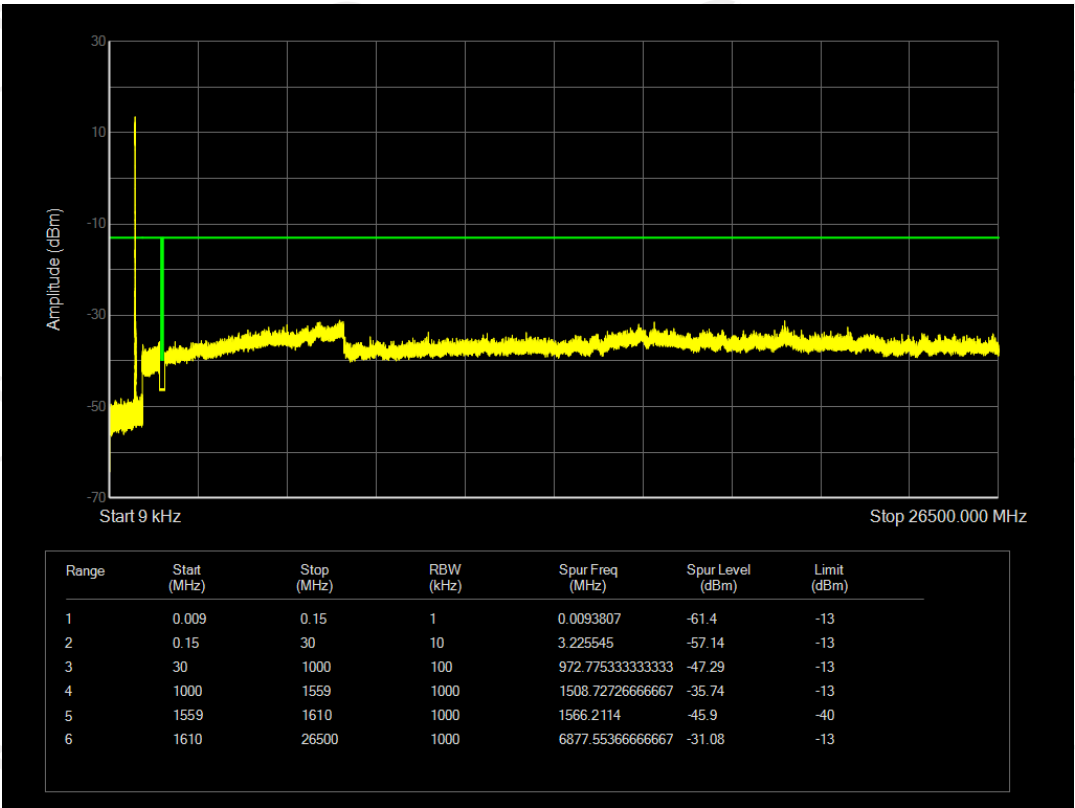
Band13 16QAM BW=5MHz Channel=23205 RB Size=25 Position=#0



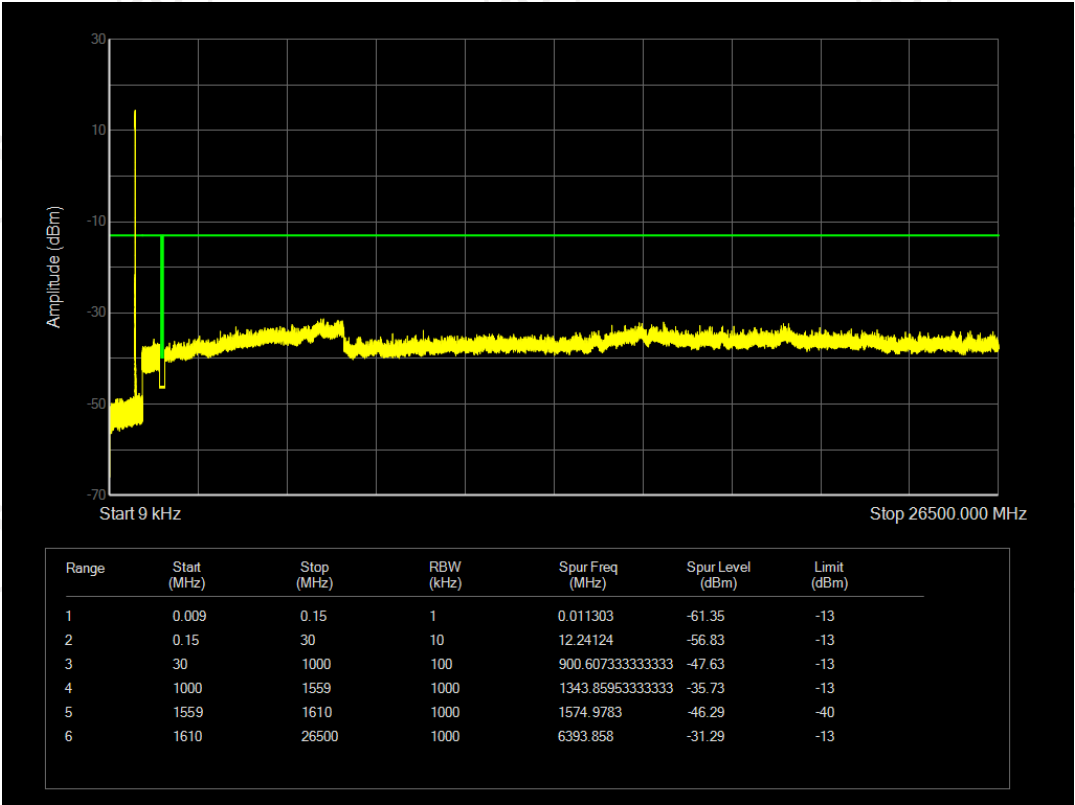
Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0



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



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



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

