

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	Verdict
Band13	5	23205	1	#0	QPSK	24.16	0.46	22.47	34.77	PASS
Band13	5	23205	1	#Mid	QPSK	24.30	0.46	22.61	34.77	PASS
Band13	5	23205	1	#Max	QPSK	24.11	0.46	22.42	34.77	PASS
Band13	5	23205	12	#0	QPSK	23.40	0.46	21.71	34.77	PASS
Band13	5	23205	12	#Mid	QPSK	23.39	0.46	21.70	34.77	PASS
Band13	5	23205	12	#Max	QPSK	23.37	0.46	21.68	34.77	PASS
Band13	5	23205	25	#0	QPSK	23.39	0.46	21.70	34.77	PASS
Band13	5	23205	1	#0	16QAM	23.36	0.46	21.67	34.77	PASS
Band13	5	23205	1	#Mid	16QAM	23.53	0.46	21.84	34.77	PASS
Band13	5	23205	1	#Max	16QAM	23.33	0.46	21.64	34.77	PASS
Band13	5	23205	12	#0	16QAM	22.40	0.46	20.71	34.77	PASS
Band13	5	23205	12	#Mid	16QAM	22.36	0.46	20.67	34.77	PASS
Band13	5	23205	12	#Max	16QAM	22.34	0.46	20.65	34.77	PASS
Band13	5	23205	25	#0	16QAM	22.42	0.46	20.73	34.77	PASS
Band13	5	23230	1	#0	QPSK	24.19	0.46	22.50	34.77	PASS
Band13	5	23230	1	#Mid	QPSK	24.24	0.46	22.55	34.77	PASS
Band13	5	23230	1	#Max	QPSK	24.07	0.46	22.38	34.77	PASS
Band13	5	23230	12	#0	QPSK	23.20	0.46	21.51	34.77	PASS
Band13	5	23230	12	#Mid	QPSK	23.37	0.46	21.68	34.77	PASS
Band13	5	23230	12	#Max	QPSK	23.51	0.46	21.82	34.77	PASS
Band13	5	23230	25	#0	QPSK	23.41	0.46	21.72	34.77	PASS
Band13	5	23230	1	#0	16QAM	23.53	0.46	21.84	34.77	PASS
Band13	5	23230	1	#Mid	16QAM	23.32	0.46	21.63	34.77	PASS
Band13	5	23230	1	#Max	16QAM	23.05	0.46	21.36	34.77	PASS
Band13	5	23230	12	#0	16QAM	22.19	0.46	20.50	34.77	PASS
Band13	5	23230	12	#Mid	16QAM	22.31	0.46	20.62	34.77	PASS
Band13	5	23230	12	#Max	16QAM	22.44	0.46	20.75	34.77	PASS
Band13	5	23230	25	#0	16QAM	22.39	0.46	20.70	34.77	PASS
Band13	5	23255	1	#0	QPSK	24.15	0.46	22.46	34.77	PASS
Band13	5	23255	1	#Mid	QPSK	24.17	0.46	22.48	34.77	PASS
Band13	5	23255	1	#Max	QPSK	24.05	0.46	22.36	34.77	PASS
Band13	5	23255	12	#0	QPSK	23.01	0.46	21.32	34.77	PASS
Band13	5	23255	12	#Mid	QPSK	23.28	0.46	21.59	34.77	PASS
Band13	5	23255	12	#Max	QPSK	23.16	0.46	21.47	34.77	PASS
Band13	5	23255	25	#0	QPSK	23.11	0.46	21.42	34.77	PASS
Band13	5	23255	1	#0	16QAM	23.22	0.46	21.53	34.77	PASS
Band13	5	23255	1	#Mid	16QAM	23.19	0.46	21.50	34.77	PASS
Band13	5	23255	1	#Max	16QAM	23.12	0.46	21.43	34.77	PASS
Band13	5	23255	12	#0	16QAM	21.90	0.46	20.21	34.77	PASS

Band13	5	23255	12	#Mid	16QAM	22.12	0.46	20.43	34.77	PASS
Band13	5	23255	12	#Max	16QAM	22.03	0.46	20.34	34.77	PASS
Band13	5	23255	25	#0	16QAM	22.01	0.46	20.32	34.77	PASS
Band13	10	23230	1	#0	QPSK	24.26	0.46	22.57	34.77	PASS
Band13	10	23230	1	#Mid	QPSK	24.35	0.46	22.66	34.77	PASS
Band13	10	23230	1	#Max	QPSK	24.13	0.46	22.44	34.77	PASS
Band13	10	23230	25	#0	QPSK	23.33	0.46	21.64	34.77	PASS
Band13	10	23230	25	#Mid	QPSK	23.45	0.46	21.76	34.77	PASS
Band13	10	23230	25	#Max	QPSK	23.52	0.46	21.83	34.77	PASS
Band13	10	23230	50	#0	QPSK	23.47	0.46	21.78	34.77	PASS
Band13	10	23230	1	#0	16QAM	23.42	0.46	21.73	34.77	PASS
Band13	10	23230	1	#Mid	16QAM	23.52	0.46	21.83	34.77	PASS
Band13	10	23230	1	#Max	16QAM	23.23	0.46	21.54	34.77	PASS
Band13	10	23230	25	#0	16QAM	22.38	0.46	20.69	34.77	PASS
Band13	10	23230	25	#Mid	16QAM	22.41	0.46	20.72	34.77	PASS
Band13	10	23230	25	#Max	16QAM	22.43	0.46	20.74	34.77	PASS
Band13	10	23230	50	#0	16QAM	22.42	0.46	20.73	34.77	PASS

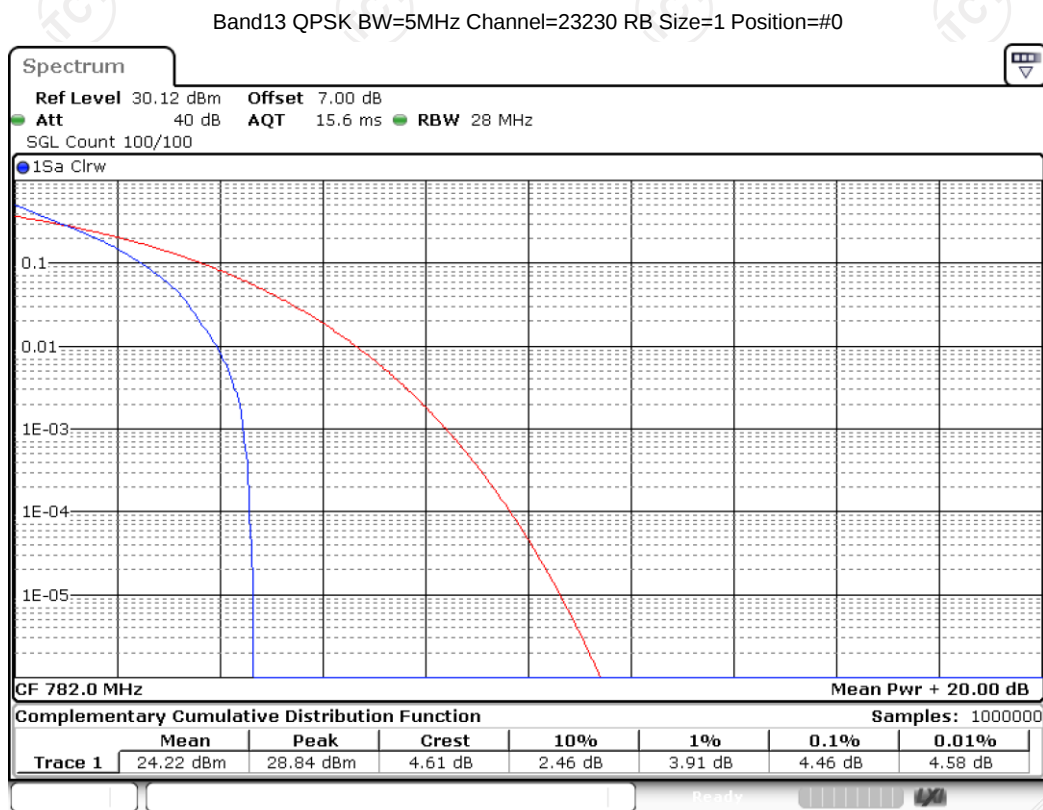
2 Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band13	5	23205	25	#0	QPSK	0.00	0.000	-2.5	2.5	PASS
Band13	5	23205	25	#0	16QAM	0.00	0.000	-2.5	2.5	PASS
Band13	5	23230	25	#0	QPSK	0.00	0.000	-2.5	2.5	PASS
Band13	5	23230	25	#0	16QAM	0.00	0.000	-2.5	2.5	PASS
Band13	5	23255	25	#0	QPSK	0.00	0.000	-2.5	2.5	PASS
Band13	5	23255	25	#0	16QAM	0.00	0.000	-2.5	2.5	PASS
Band13	10	23230	50	#0	QPSK	0.00	0.000	-2.5	2.5	PASS
Band13	10	23230	50	#0	16QAM	0.00	0.000	-2.5	2.5	PASS

3 Peak-to-Average Ratio

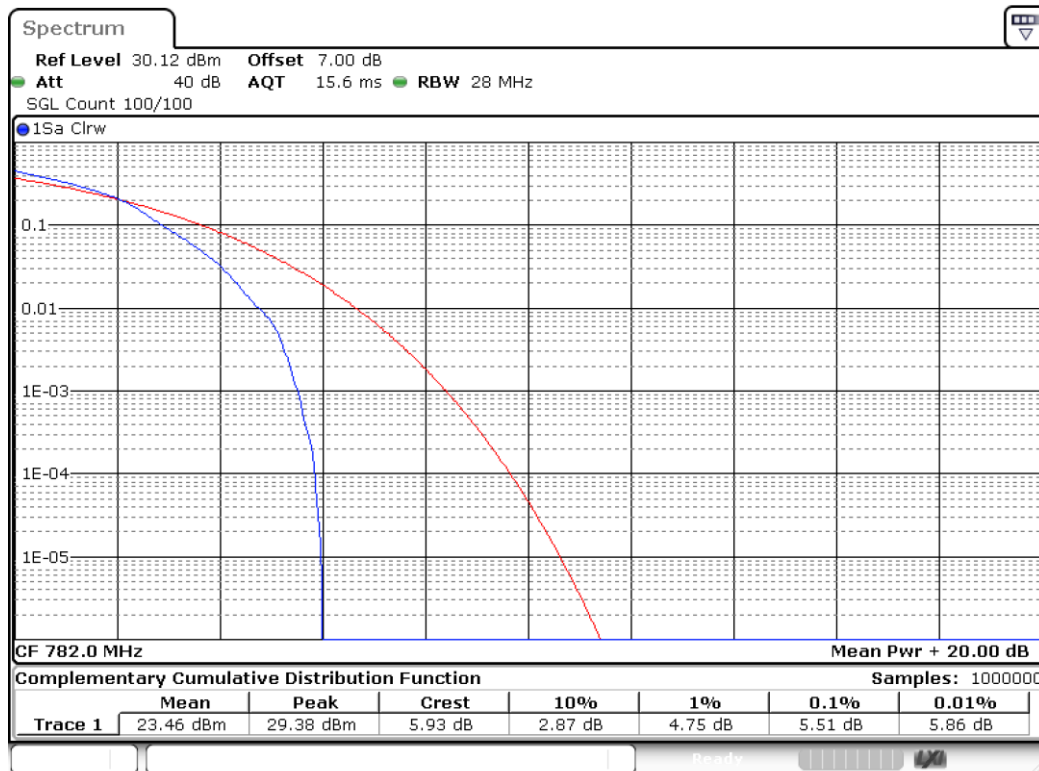
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band13	5	23205	1	#0	QPSK	4.14	13	PASS
Band13	5	23205	25	#0	QPSK	4.67	13	PASS
Band13	5	23205	1	#0	16QAM	5.16	13	PASS
Band13	5	23205	25	#0	16QAM	5.65	13	PASS
Band13	5	23230	1	#0	QPSK	4.46	13	PASS
Band13	5	23230	25	#0	QPSK	3.91	13	PASS
Band13	5	23230	1	#0	16QAM	5.51	13	PASS
Band13	5	23230	25	#0	16QAM	4.75	13	PASS
Band13	5	23255	1	#0	QPSK	2.90	13	PASS
Band13	5	23255	25	#0	QPSK	3.77	13	PASS

Band13	5	23255	1	#0	16QAM	3.91	13	PASS
Band13	5	23255	25	#0	16QAM	4.61	13	PASS
Band13	10	23230	1	#0	QPSK	4.55	13	PASS
Band13	10	23230	50	#0	QPSK	4.41	13	PASS
Band13	10	23230	1	#0	16QAM	5.39	13	PASS
Band13	10	23230	50	#0	16QAM	5.07	13	PASS



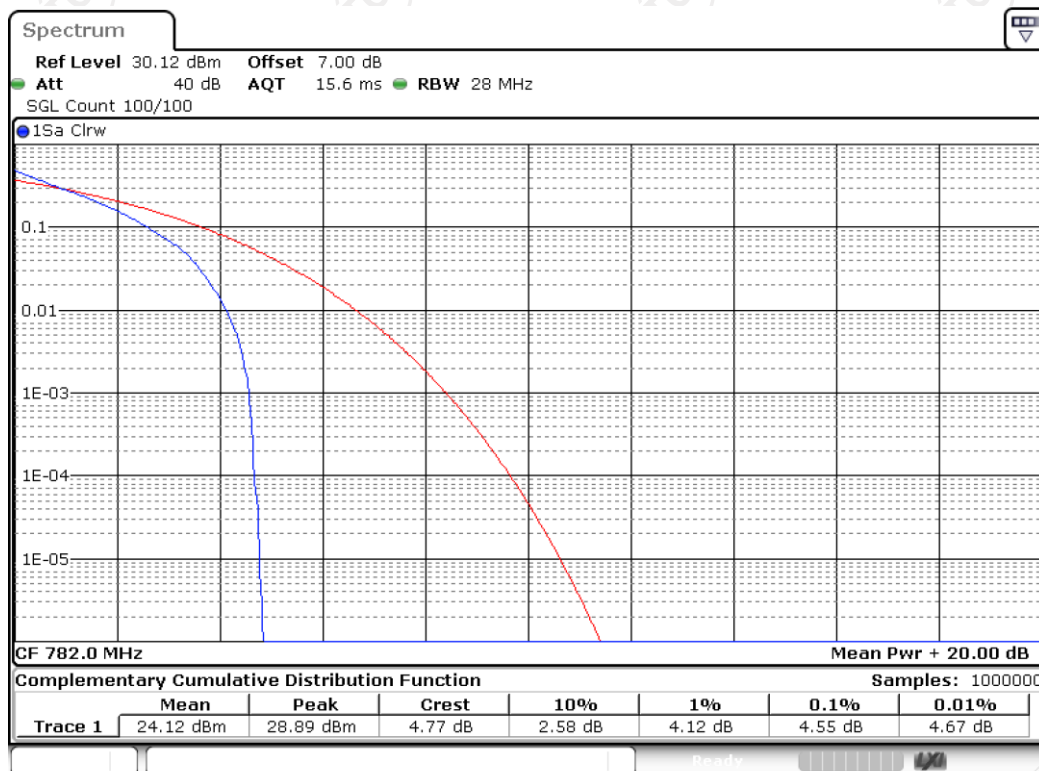
Date: 19.OCT.2022 09:38:00

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



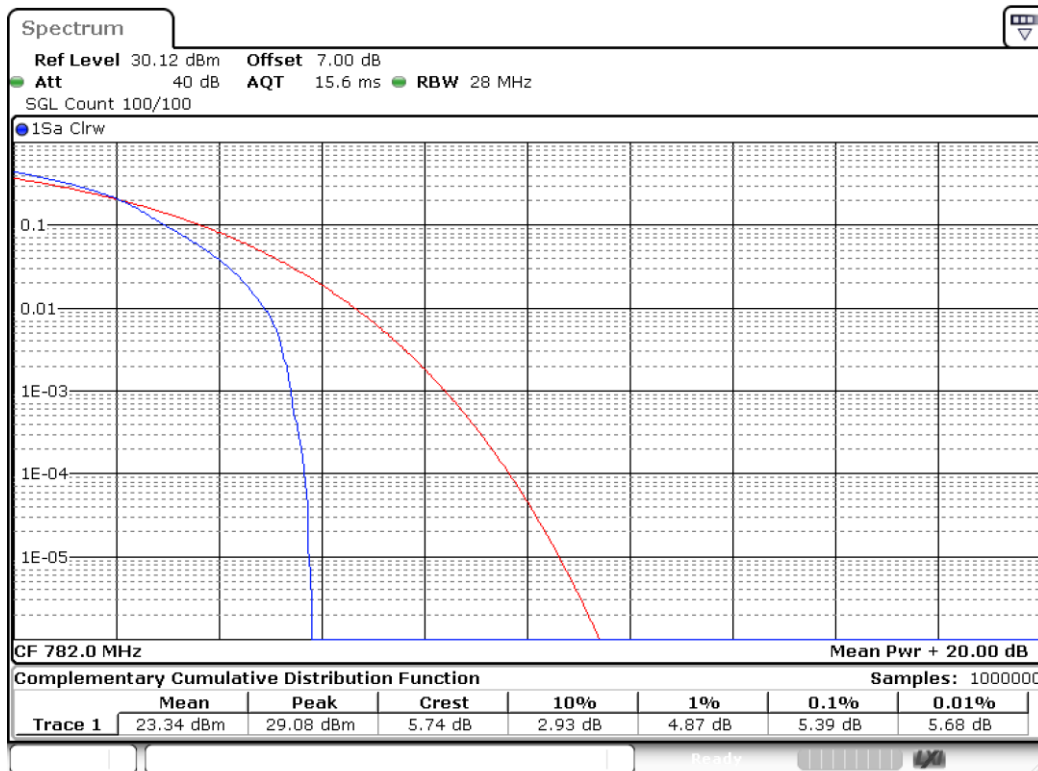
Date: 19.OCT.2022 09:38:14

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



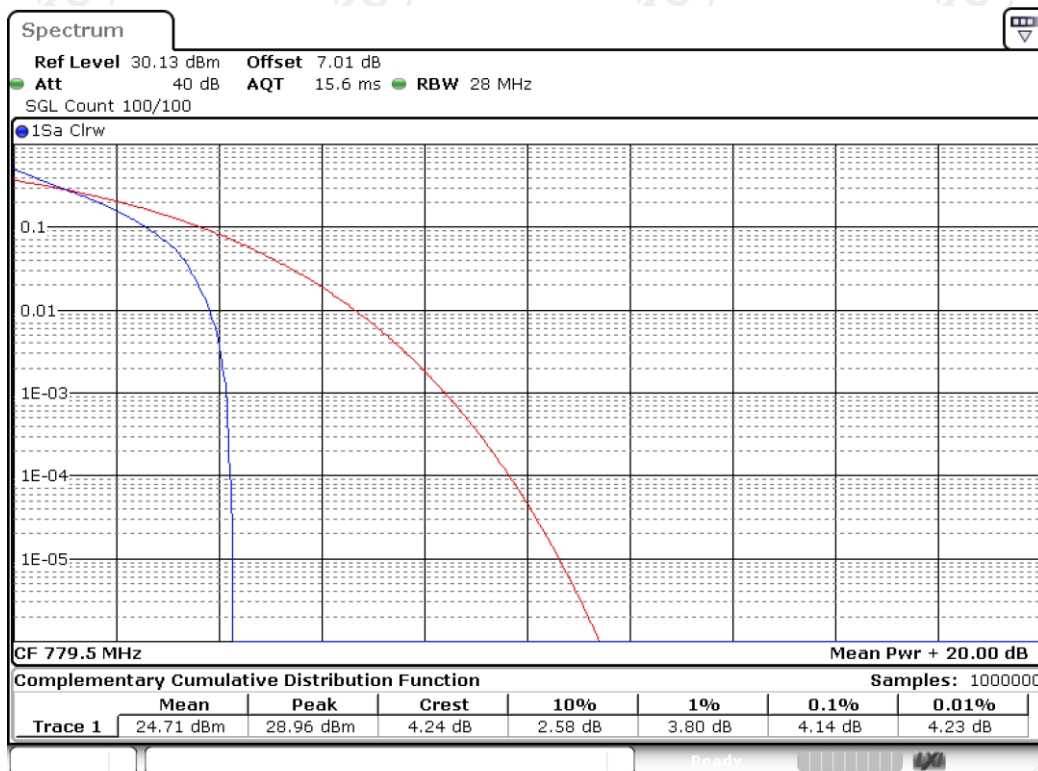
Date: 19.OCT.2022 09:38:55

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



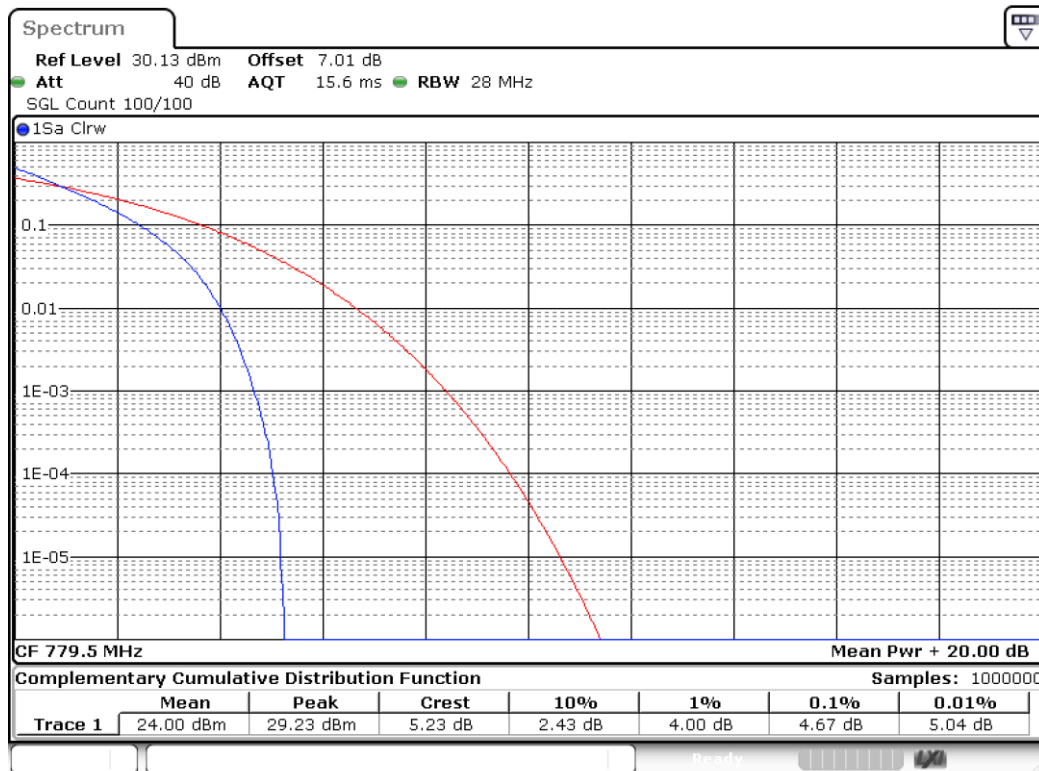
Date: 19.OCT.2022 09:39:09

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



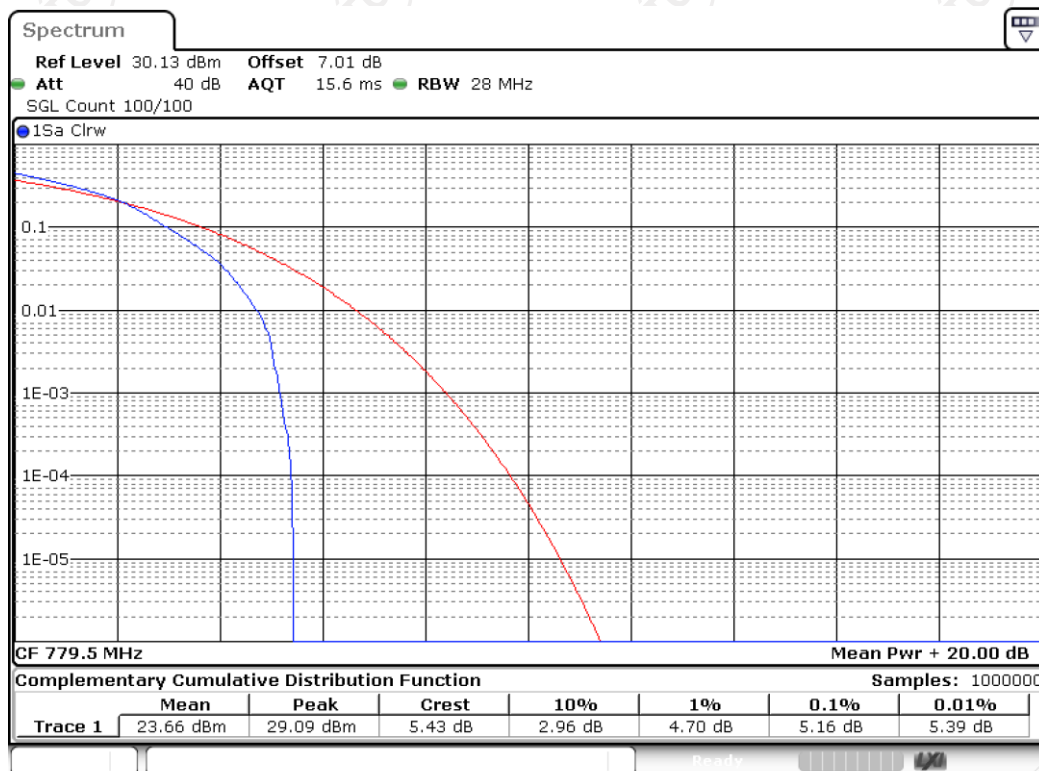
Date: 19.OCT.2022 09:37:33

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



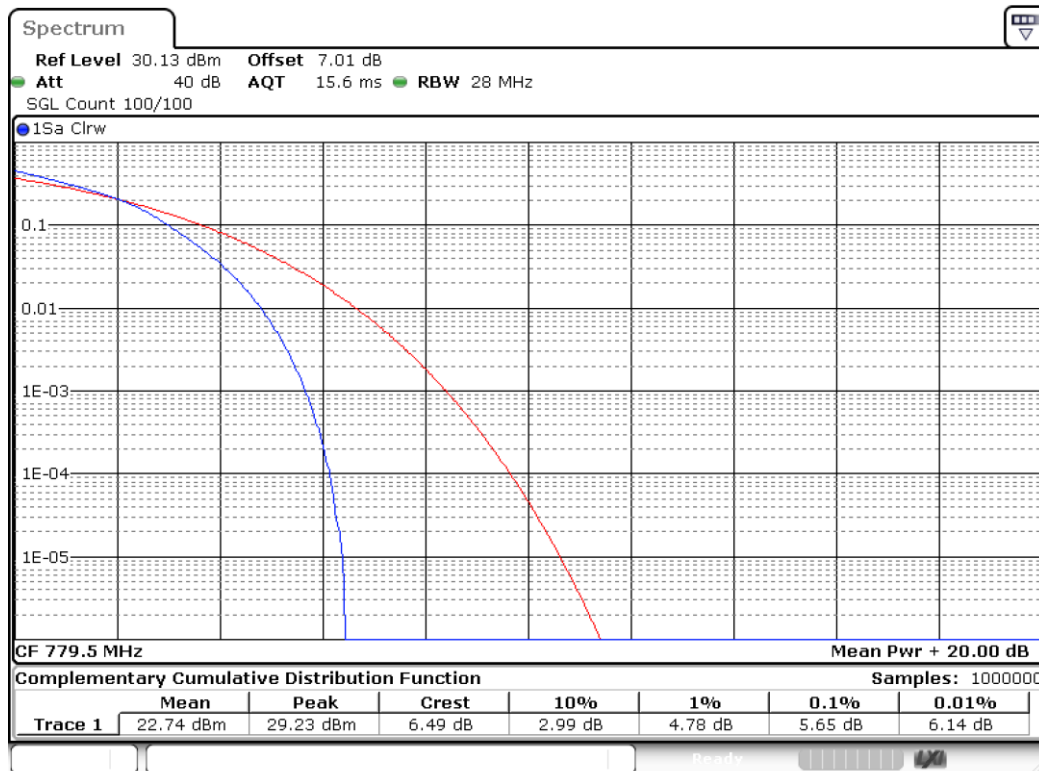
Date: 19.OCT.2022 09:37:40

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



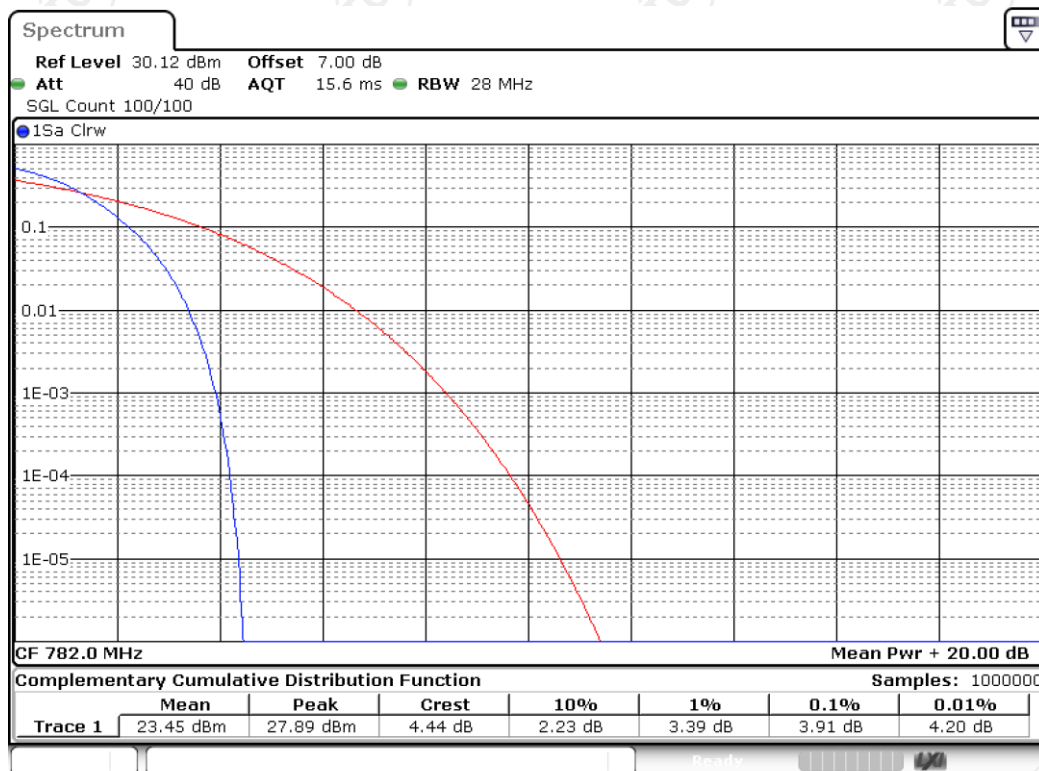
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Band13 16QAM BW=5MHz Channel=23205 RB Size=25 Position=#0



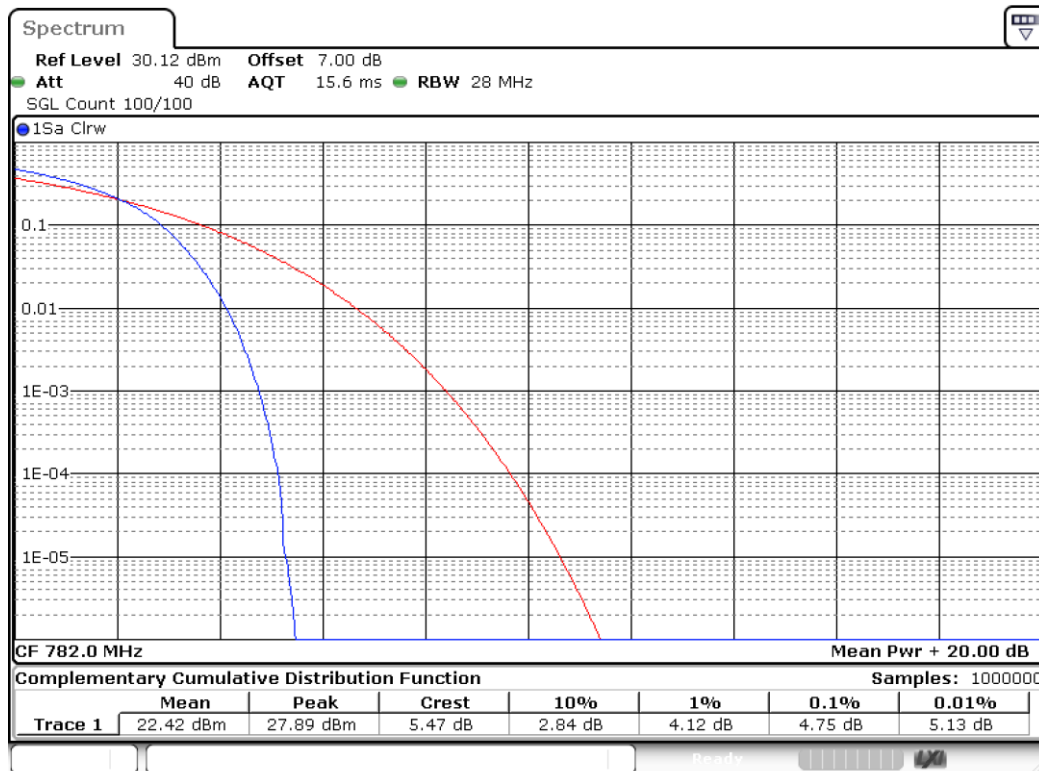
Date: 19.OCT.2022 09:37:53

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



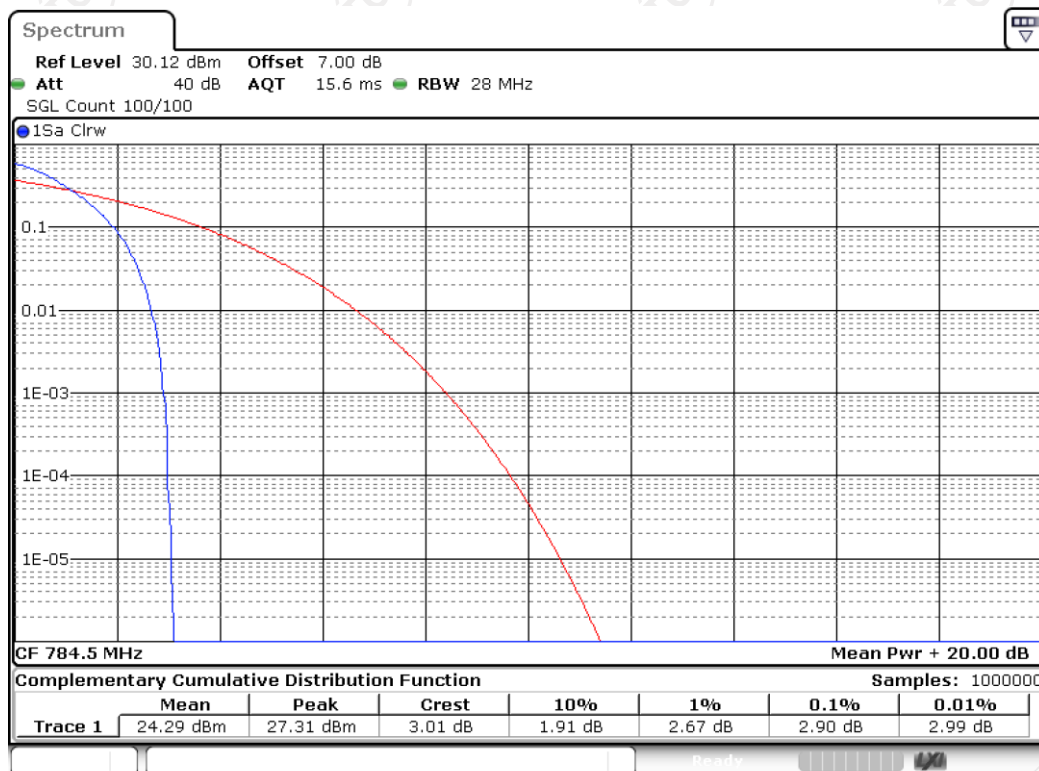
Date: 19.OCT.2022 09:38:07

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



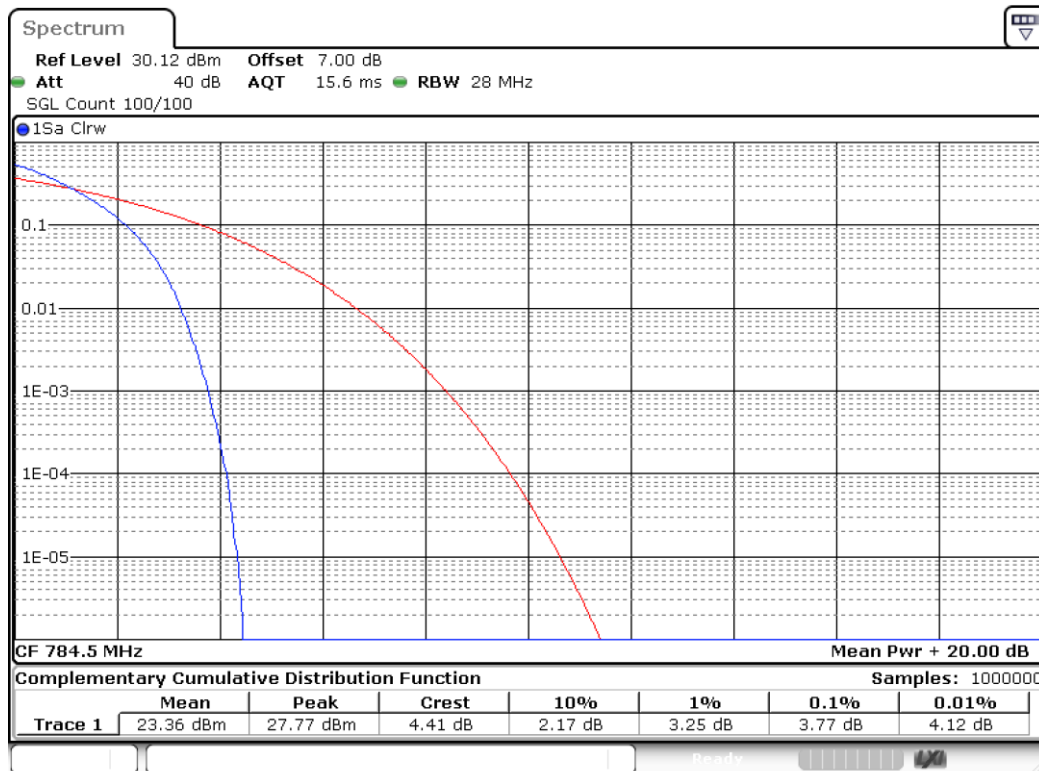
Date: 19.OCT.2022 09:38:21

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



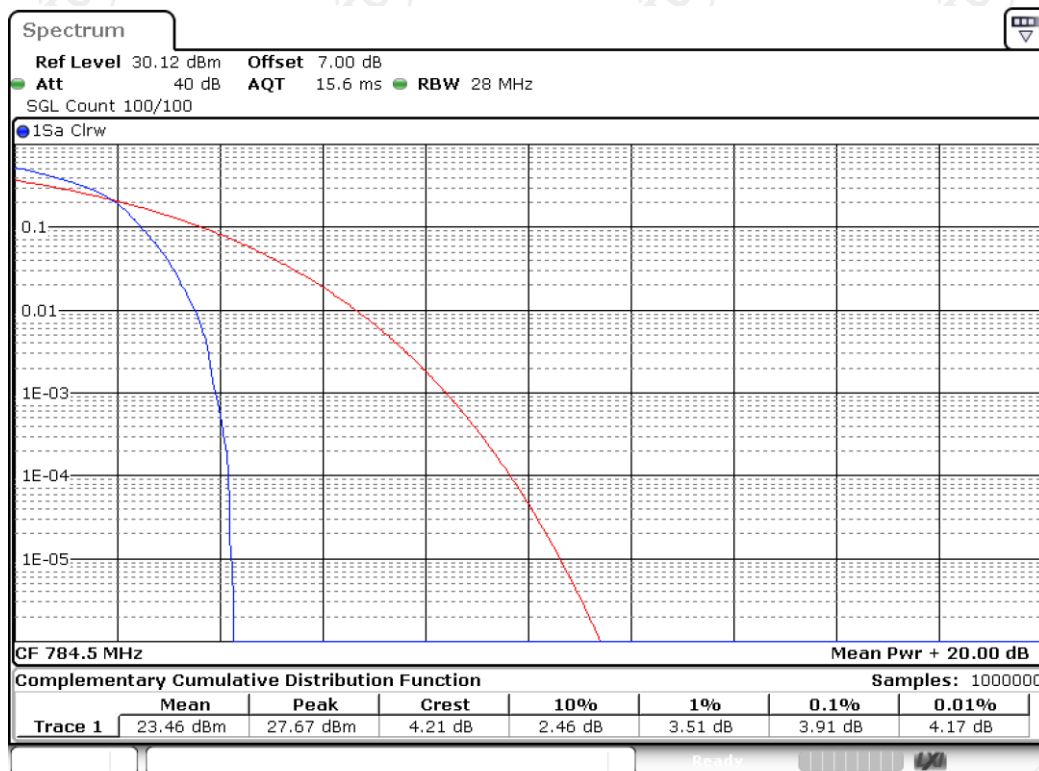
Date: 19.OCT.2022 09:38:28

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



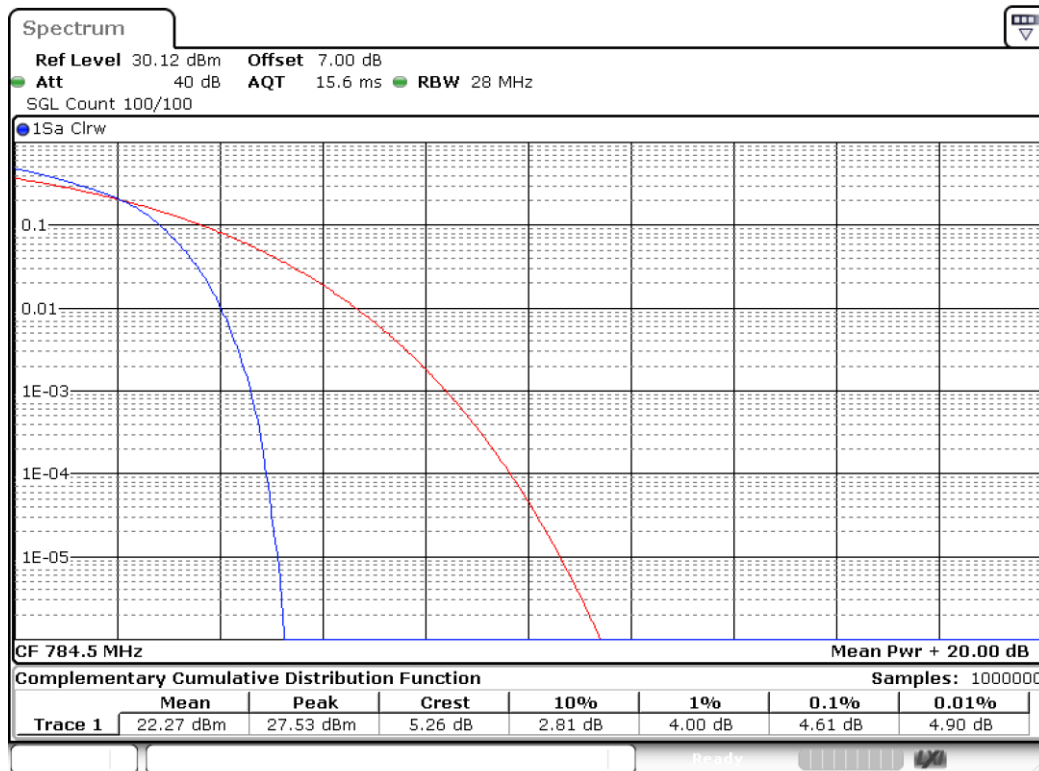
Date: 19.OCT.2022 09:38:34

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



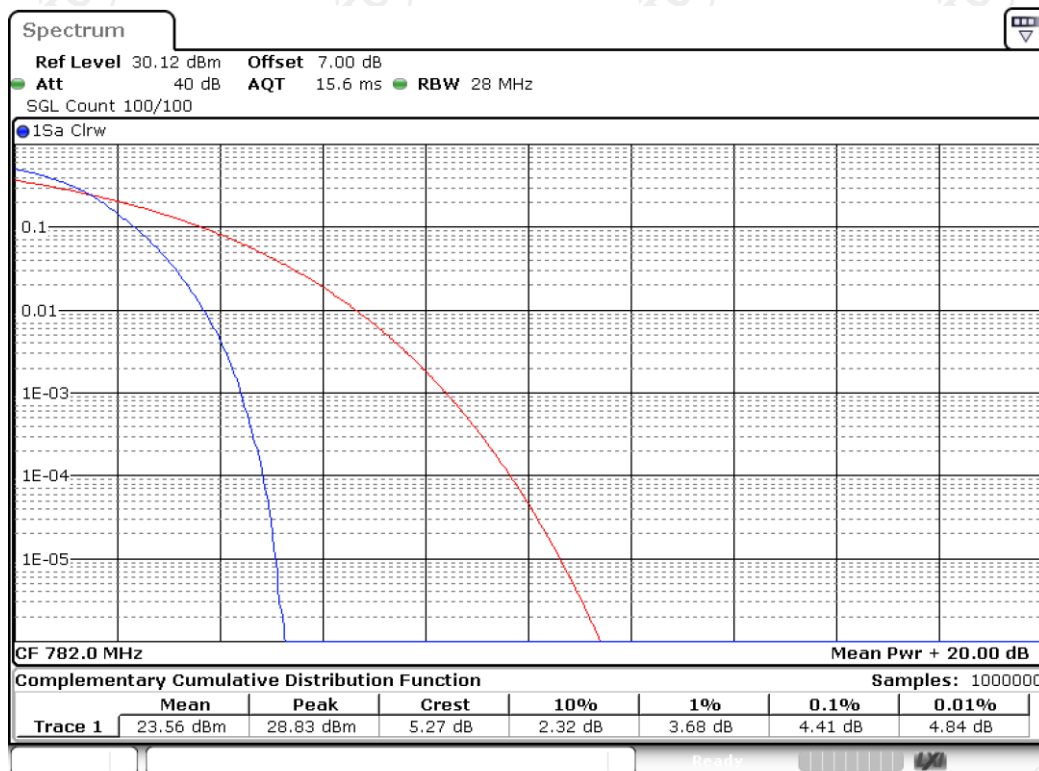
Date: 19.OCT.2022 09:38:41

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



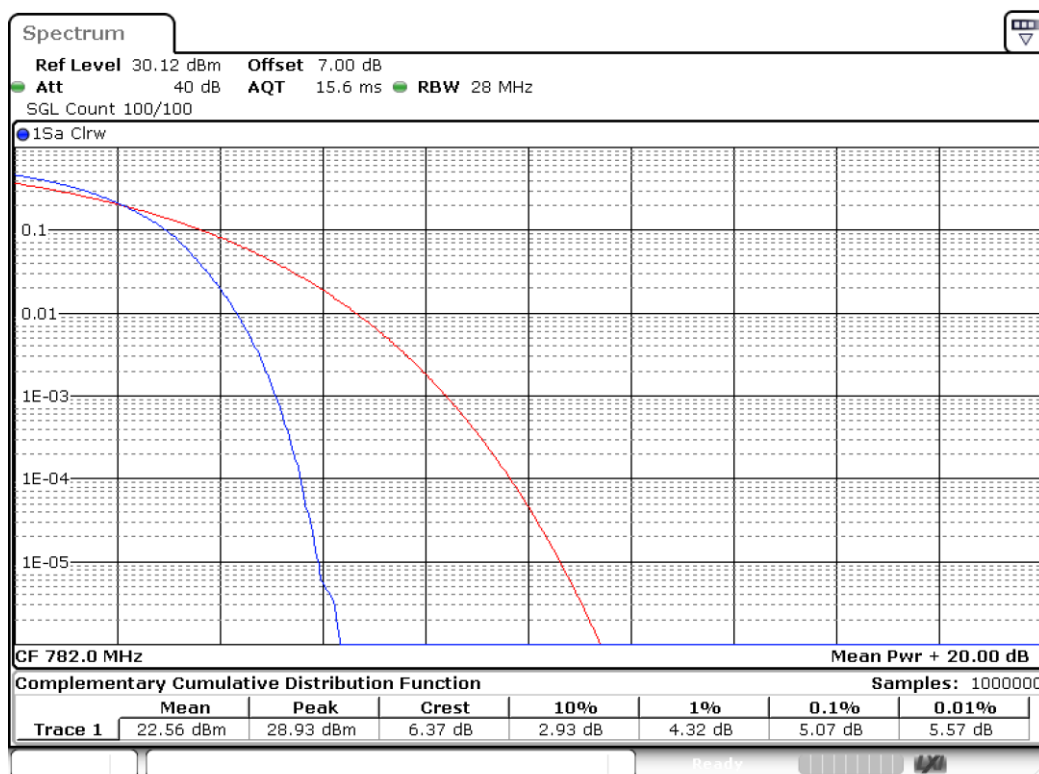
Date: 19.OCT.2022 09:38:48

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



Date: 19.OCT.2022 09:39:02

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

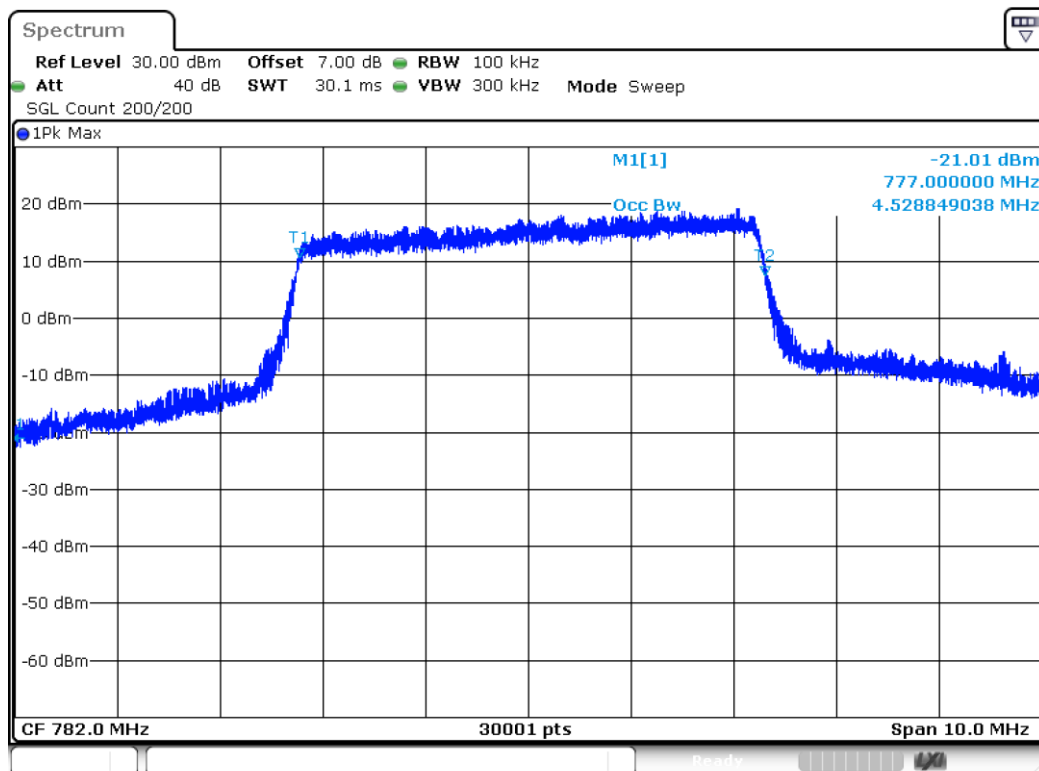


Date: 19.OCT.2022 09:39:16

4 Occupied bandwidth

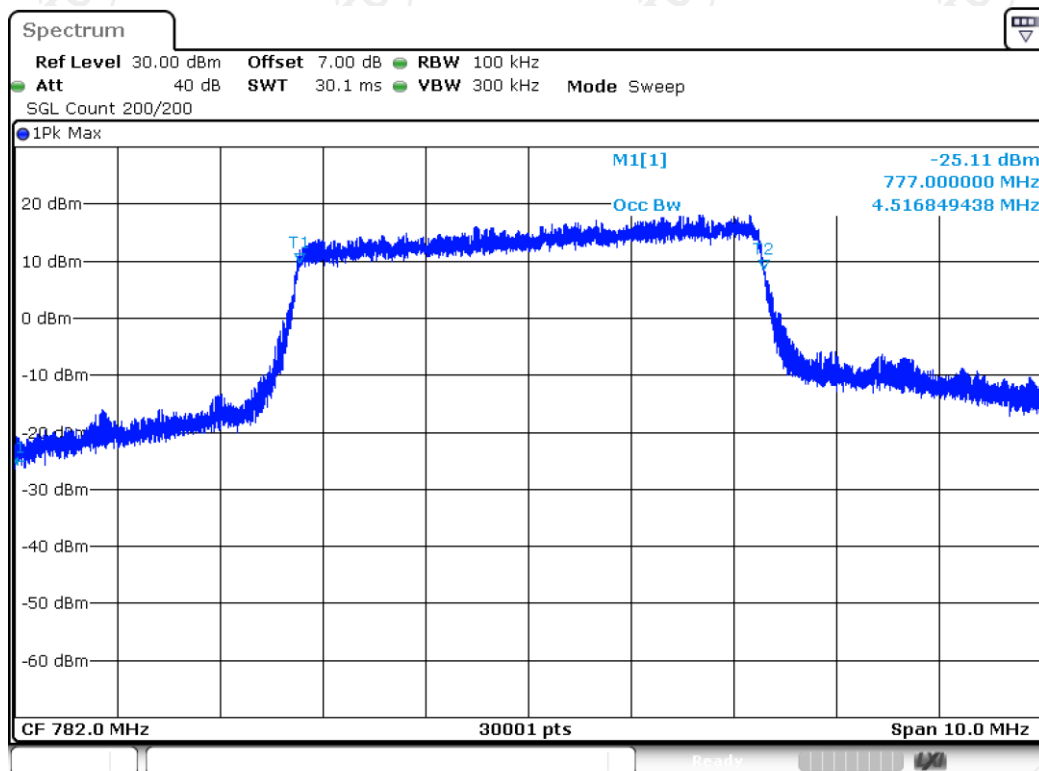
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band13	5	23205	25	#0	QPSK	4.527	5.273	PASS
Band13	5	23205	25	#0	16QAM	4.519	5.232	PASS
Band13	5	23230	25	#0	QPSK	4.529	7.209	PASS
Band13	5	23230	25	#0	16QAM	4.517	6.230	PASS
Band13	5	23255	25	#0	QPSK	4.490	5.228	PASS
Band13	5	23255	25	#0	16QAM	4.485	5.142	PASS
Band13	10	23230	50	#0	QPSK	9.004	10.199	PASS
Band13	10	23230	50	#0	16QAM	8.976	9.974	PASS

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



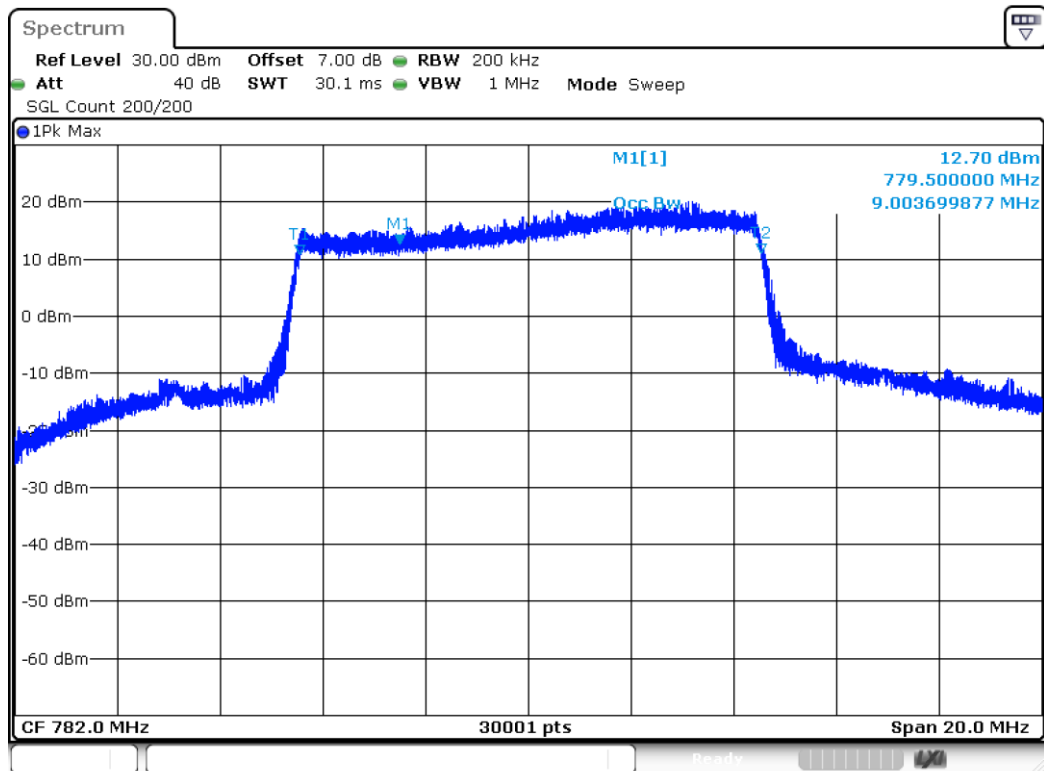
Date: 19.OCT.2022 09:40:19

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



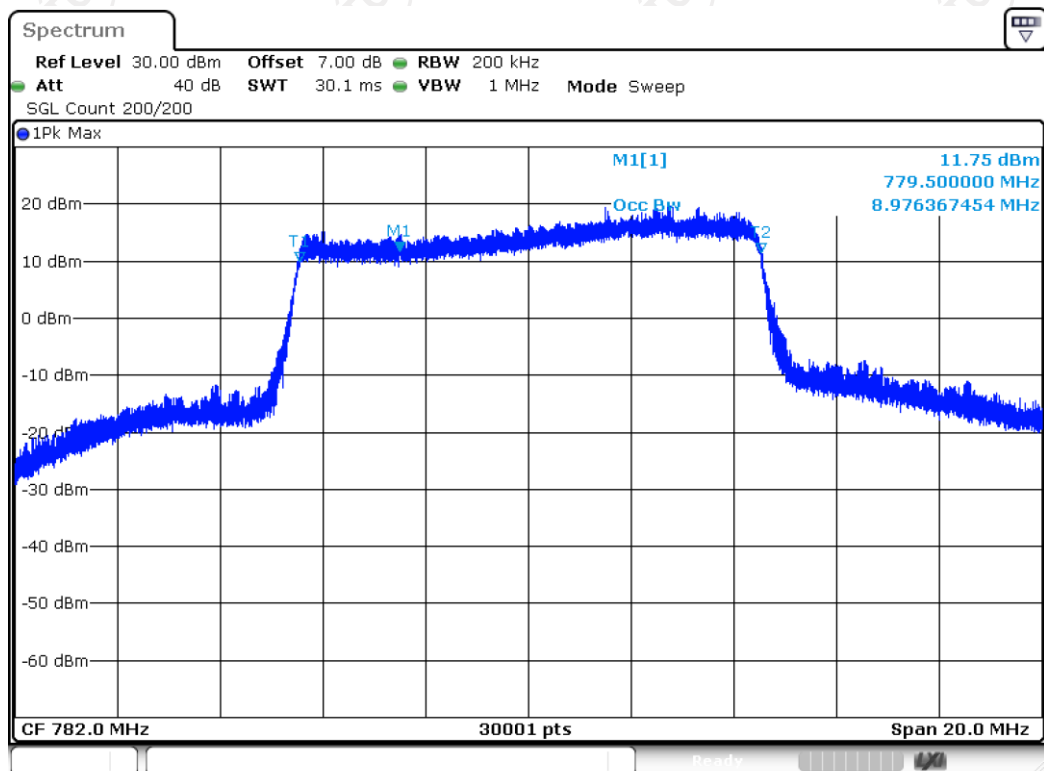
Date: 19.OCT.2022 09:40:36

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



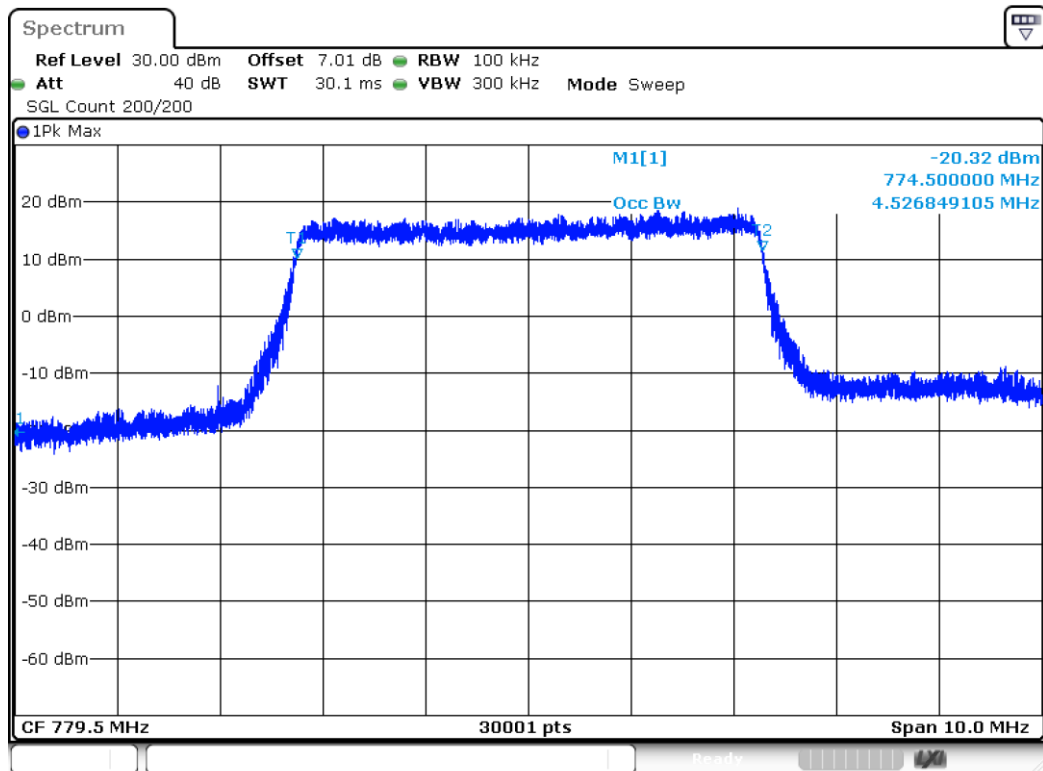
Date: 19.OCT.2022 09:41:28

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



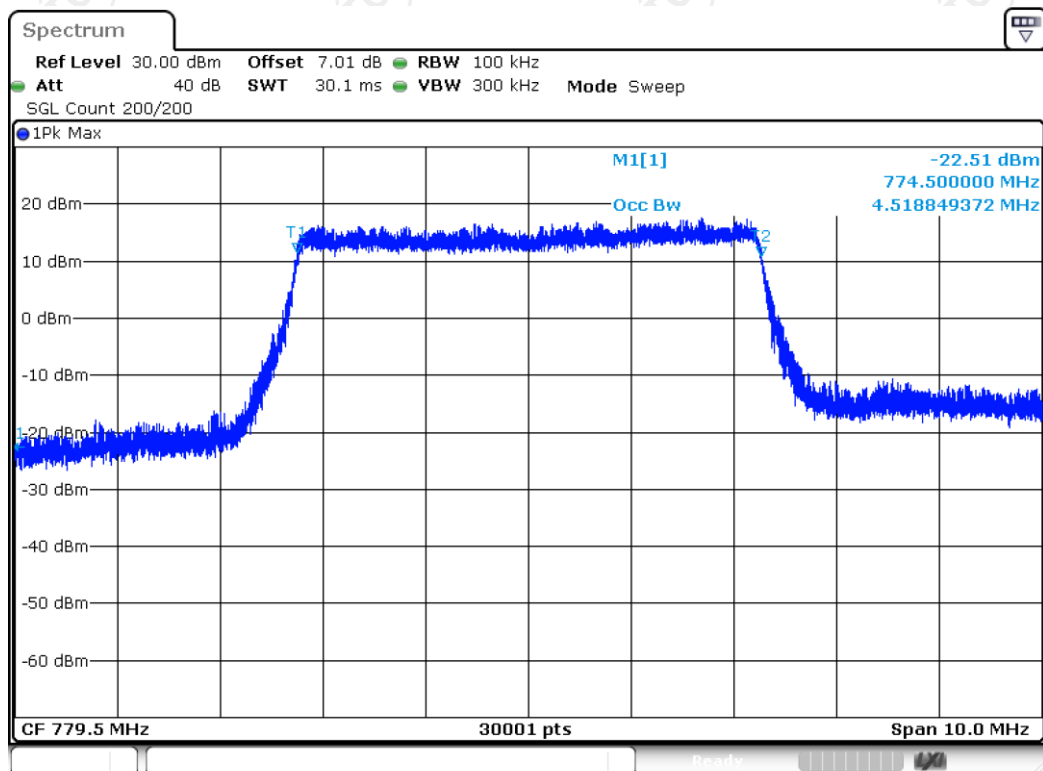
Date: 19.OCT.2022 09:41:46

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



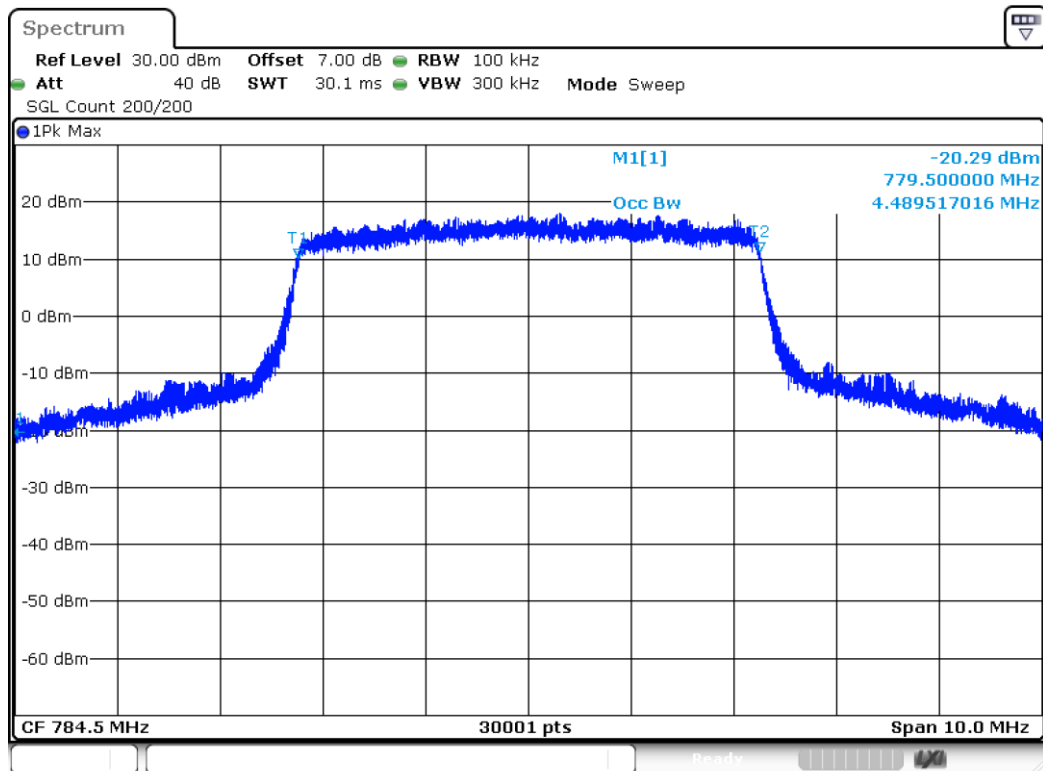
Date: 19.OCT.2022 09:39:45

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

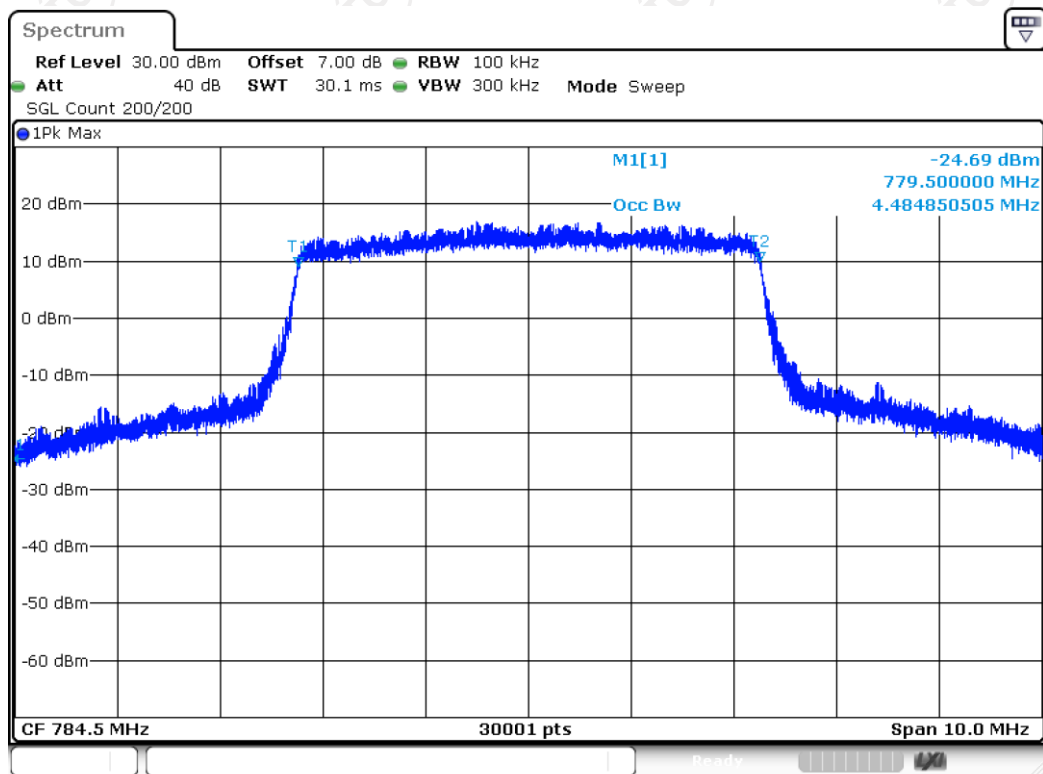


Date: 19.OCT.2022 09:40:02

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



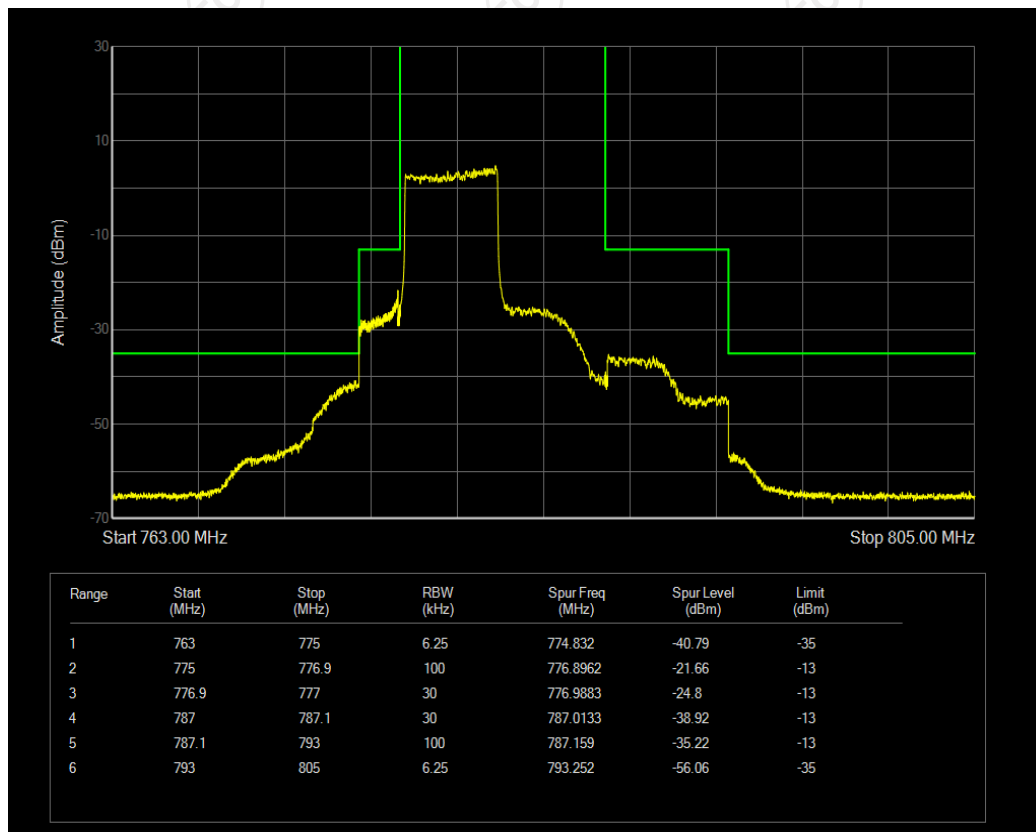
Band13 16QAM BW=5MHz Channel=23255 RB Size=25 Position=#0



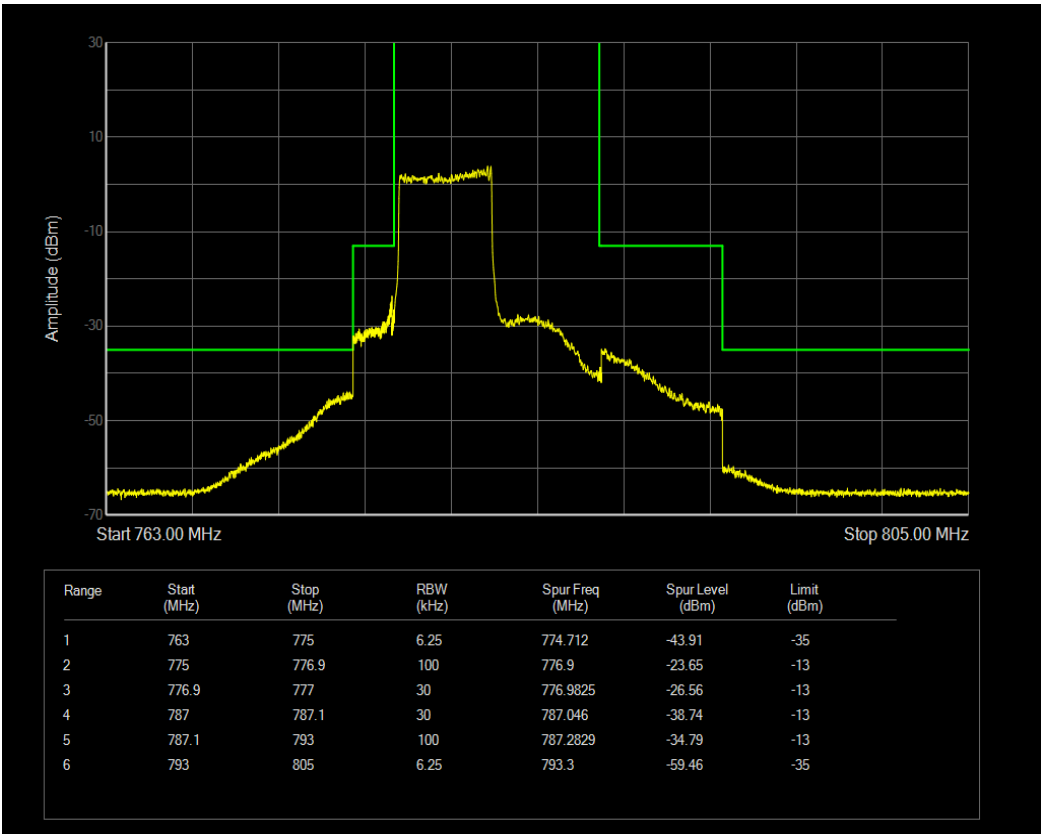
5 Band edge

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	774.83	-40.79	-35	PASS
Band13	5	23205	25	#0	16QAM	774.71	-43.91	-35	PASS
Band13	5	23255	25	#0	QPSK	787.11	-18.98	-13	PASS
Band13	5	23255	25	#0	16QAM	787.17	-21.84	-13	PASS
Band13	10	23230	50	#0	QPSK	774.90	-37.10	-35	PASS
Band13	10	23230	50	#0	16QAM	774.75	-40.84	-35	PASS

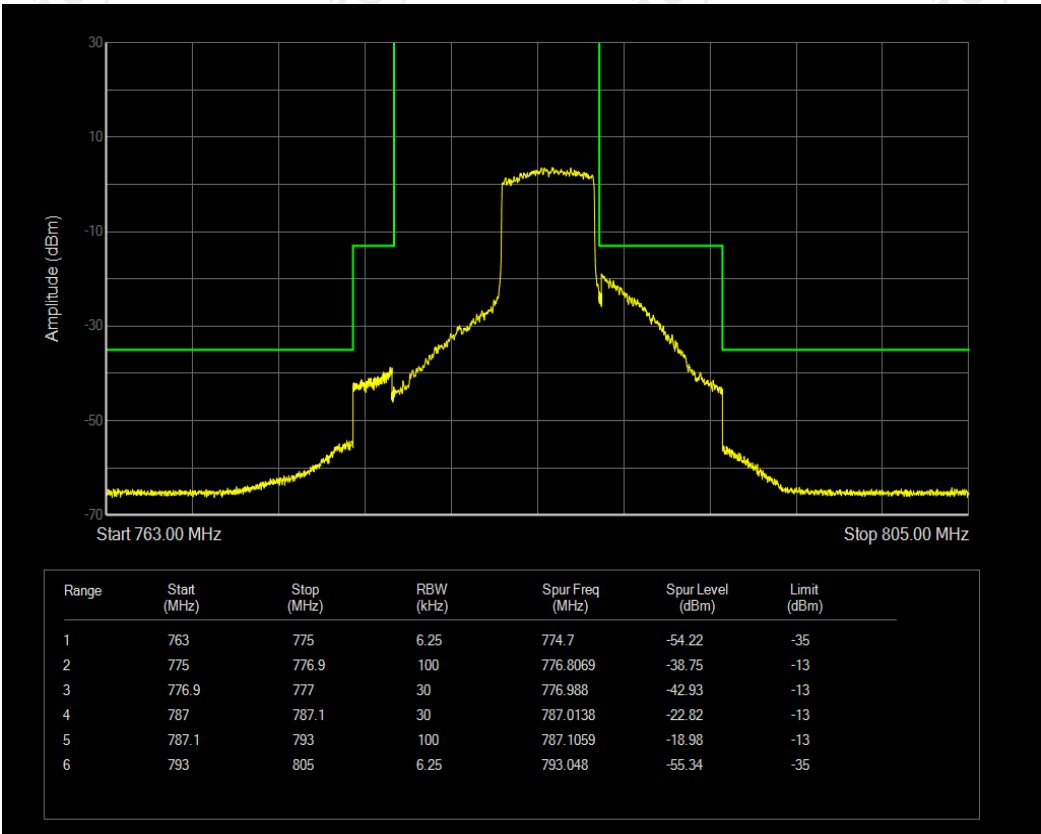
Band13 QPSK BW=5MHz Channel=23205 RB Size=25 Position=#0



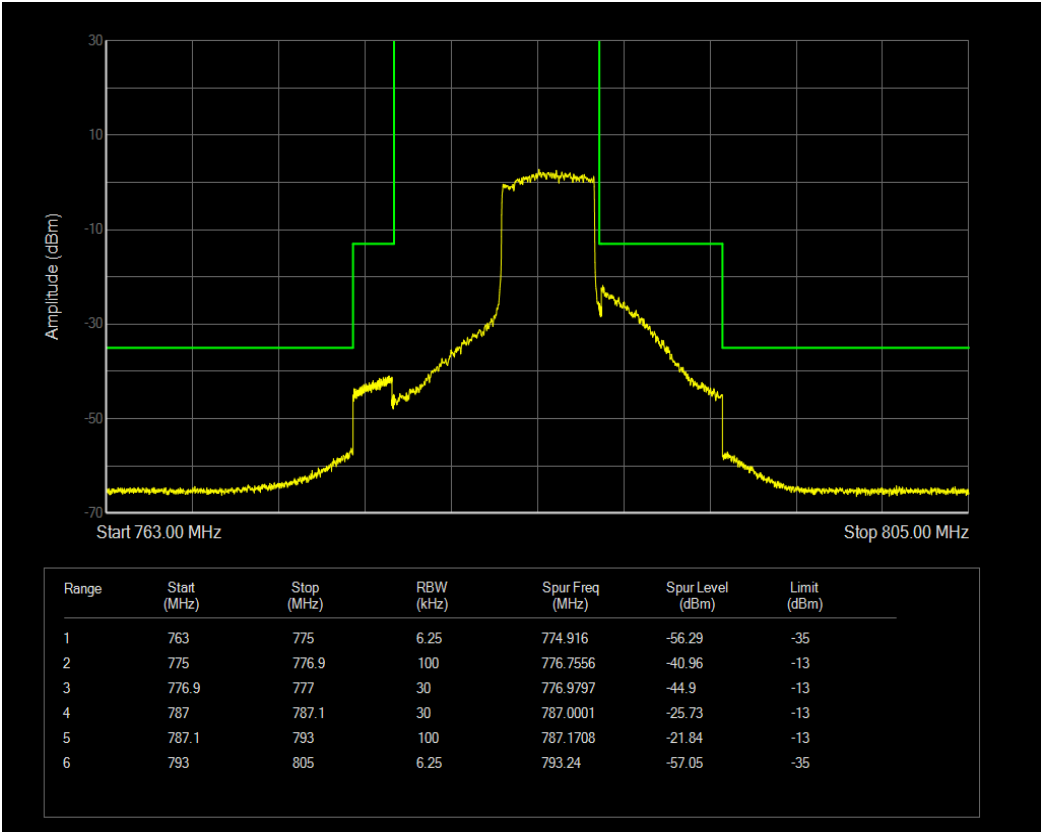
Band13 16QAM BW=5MHz Channel=23205 RB Size=25 Position=#0



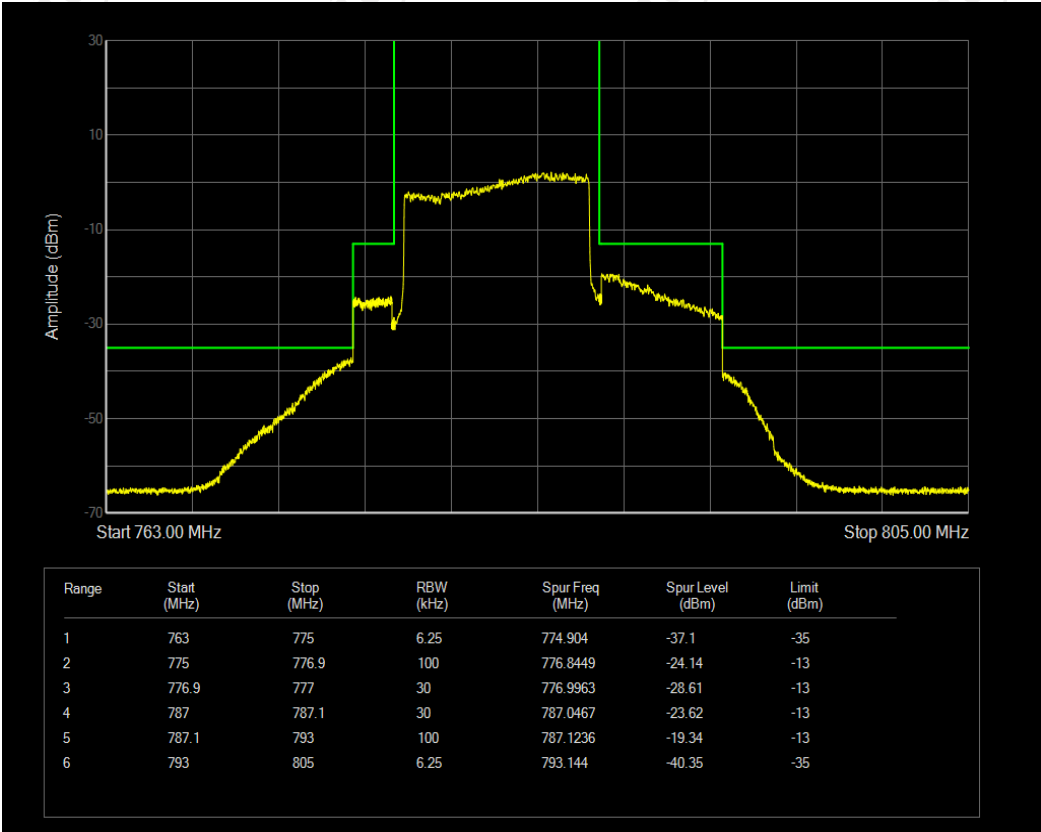
Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0



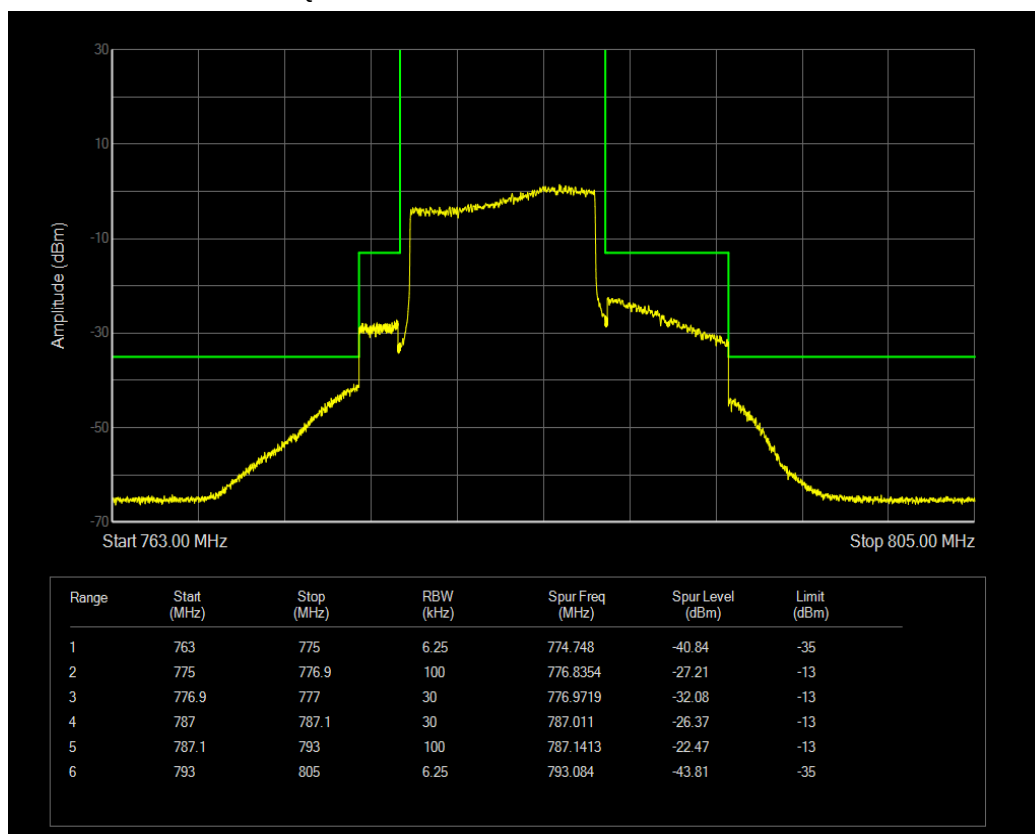
Band13 16QAM BW=5MHz Channel=23255 RB Size=25 Position=#0



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



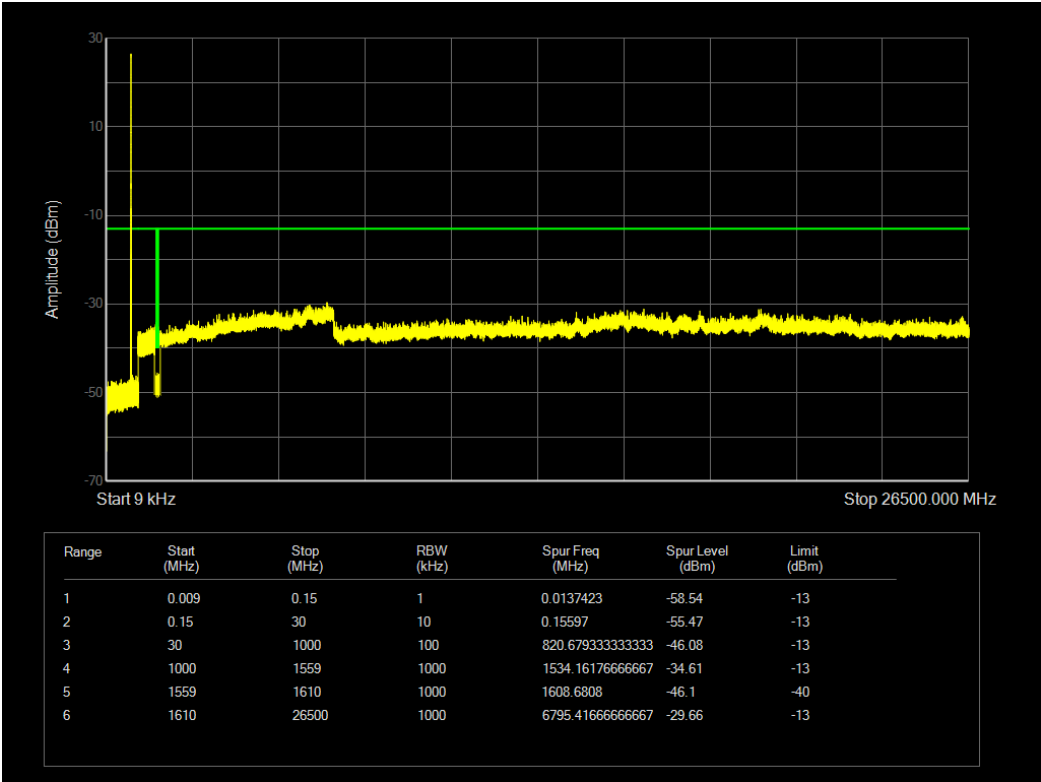
Band13 16QAM BW=10MHz Channel=23230 RB Size=50 Position=#0



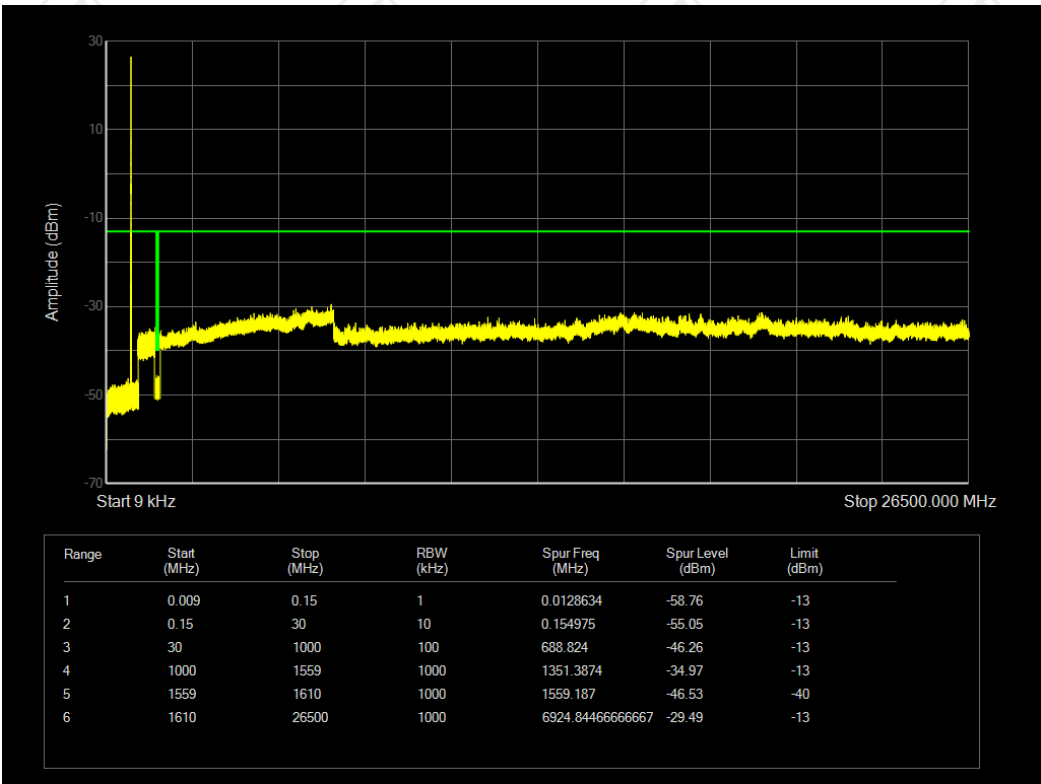
6 Out-of-band emissions

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	1608.68	-46.10	-40	PASS
Band13	5	23205	1	#0	16QAM	1559.19	-46.53	-40	PASS
Band13	5	23230	1	#0	QPSK	1559.98	-46.31	-40	PASS
Band13	5	23230	1	#0	16QAM	1559.89	-46.13	-40	PASS
Band13	5	23255	1	#0	QPSK	1564.46	-46.43	-40	PASS
Band13	5	23255	1	#0	16QAM	1606.10	-46.93	-40	PASS
Band13	10	23230	1	#0	QPSK	1604.98	-46.65	-40	PASS
Band13	10	23230	1	#0	16QAM	1565.48	-46.35	-40	PASS

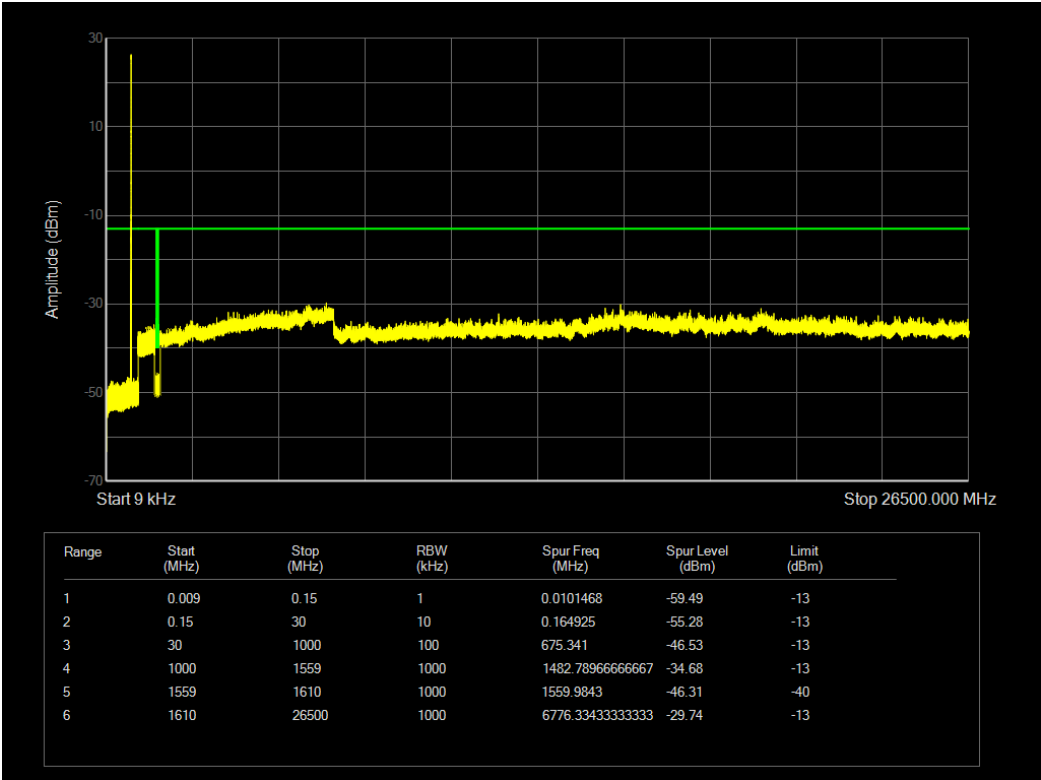
Band13 QPSK BW=5MHz Channel=23205 RB Size=1 Position=#0



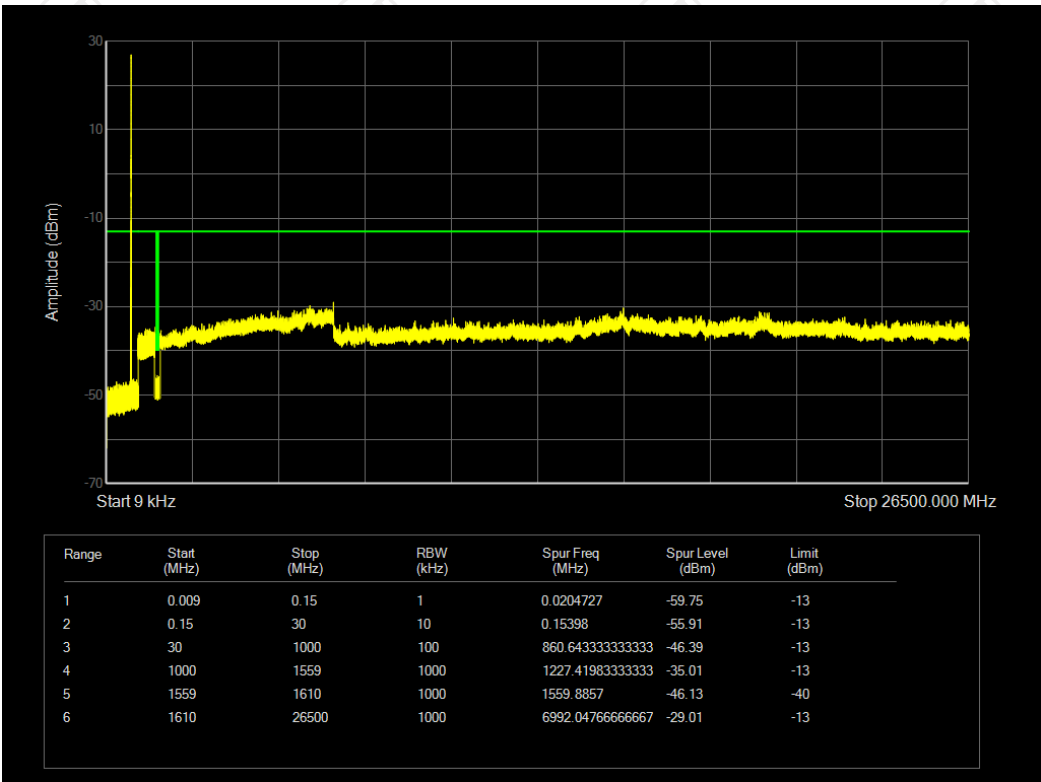
Band13 16QAM BW=5MHz Channel=23205 RB Size=1 Position=#0



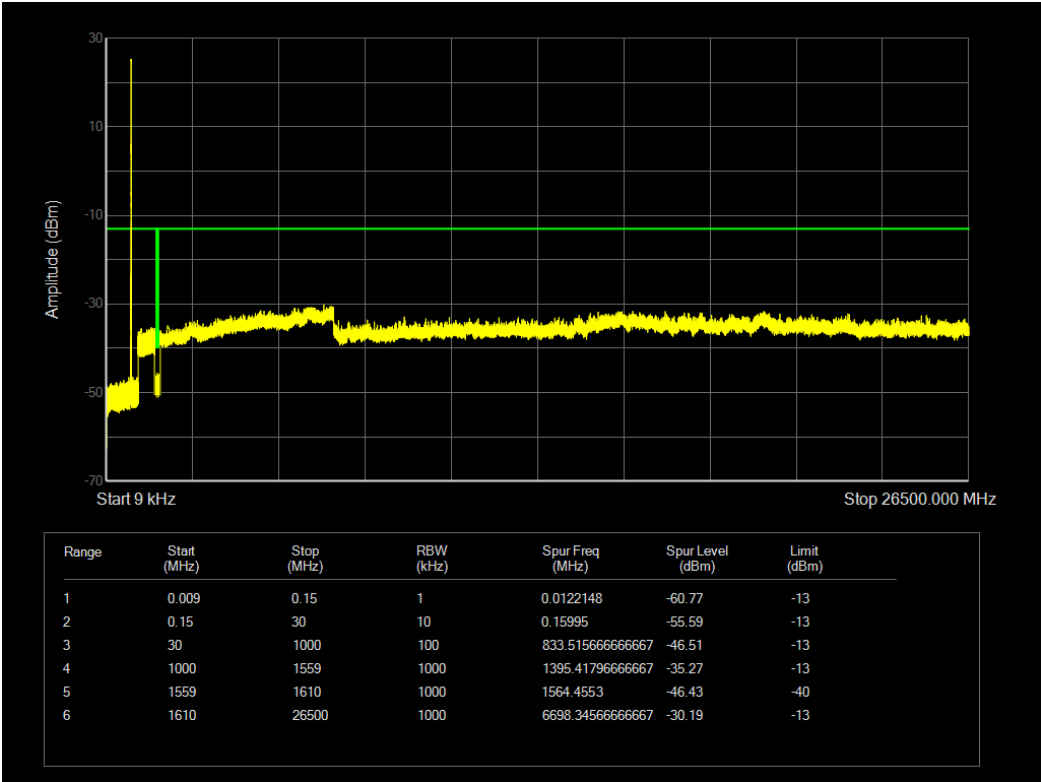
Band13 QPSK BW=5MHz Channel=23230 RB Size=1 Position=#0



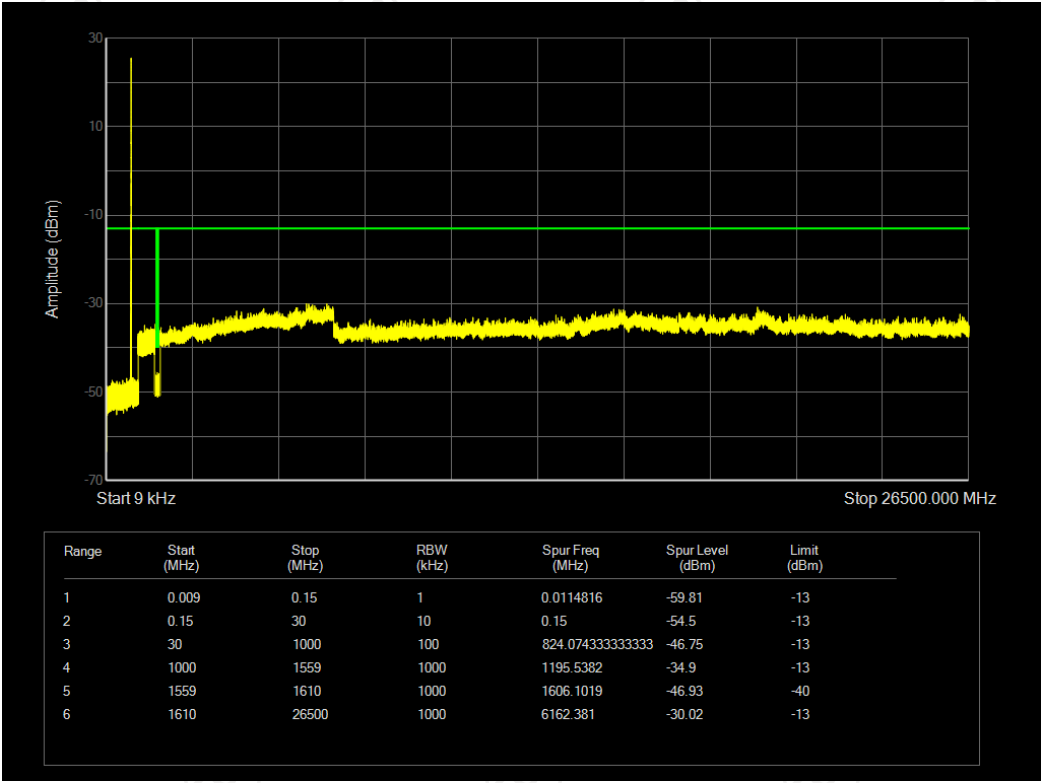
Band13 16QAM BW=5MHz Channel=23230 RB Size=1 Position=#0



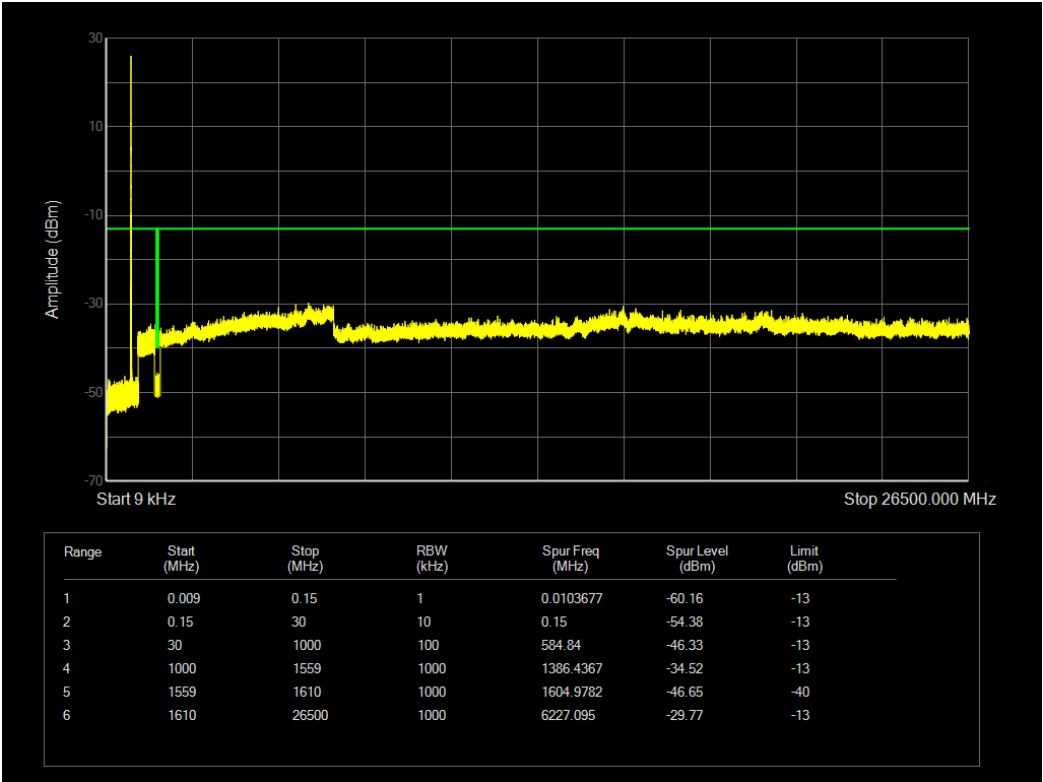
Band13 QPSK BW=5MHz Channel=23255 RB Size=1 Position=#0



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



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



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

