

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	23.17	-0.91	20.11	PASS
Band17	5	23755	1	#Mid	QPSK	23.36	-0.91	20.30	PASS
Band17	5	23755	1	#Max	QPSK	23.21	-0.91	20.15	PASS
Band17	5	23755	12	#0	QPSK	22.22	-0.91	19.16	PASS
Band17	5	23755	12	#Mid	QPSK	22.30	-0.91	19.24	PASS
Band17	5	23755	12	#Max	QPSK	22.36	-0.91	19.30	PASS
Band17	5	23755	25	#0	QPSK	22.29	-0.91	19.23	PASS
Band17	5	23755	1	#0	16QAM	22.44	-0.91	19.38	PASS
Band17	5	23755	1	#Mid	16QAM	22.60	-0.91	19.54	PASS
Band17	5	23755	1	#Max	16QAM	22.53	-0.91	19.47	PASS
Band17	5	23755	12	#0	16QAM	21.20	-0.91	18.14	PASS
Band17	5	23755	12	#Mid	16QAM	21.31	-0.91	18.25	PASS
Band17	5	23755	12	#Max	16QAM	21.31	-0.91	18.25	PASS
Band17	5	23755	25	#0	16QAM	21.27	-0.91	18.21	PASS
Band17	5	23790	1	#0	QPSK	23.25	-0.91	20.19	PASS
Band17	5	23790	1	#Mid	QPSK	23.35	-0.91	20.29	PASS
Band17	5	23790	1	#Max	QPSK	23.31	-0.91	20.25	PASS
Band17	5	23790	12	#0	QPSK	22.23	-0.91	19.17	PASS
Band17	5	23790	12	#Mid	QPSK	22.37	-0.91	19.31	PASS
Band17	5	23790	12	#Max	QPSK	22.29	-0.91	19.23	PASS
Band17	5	23790	25	#0	QPSK	22.28	-0.91	19.22	PASS
Band17	5	23790	1	#0	16QAM	22.57	-0.91	19.51	PASS
Band17	5	23790	1	#Mid	16QAM	22.66	-0.91	19.60	PASS
Band17	5	23790	1	#Max	16QAM	22.55	-0.91	19.49	PASS
Band17	5	23790	12	#0	16QAM	21.23	-0.91	18.17	PASS
Band17	5	23790	12	#Mid	16QAM	21.36	-0.91	18.30	PASS
Band17	5	23790	12	#Max	16QAM	21.28	-0.91	18.22	PASS
Band17	5	23790	25	#0	16QAM	21.30	-0.91	18.24	PASS
Band17	5	23825	1	#0	QPSK	23.25	-0.91	20.19	PASS
Band17	5	23825	1	#Mid	QPSK	23.46	-0.91	20.40	PASS
Band17	5	23825	1	#Max	QPSK	23.25	-0.91	20.19	PASS
Band17	5	23825	12	#0	QPSK	22.41	-0.91	19.35	PASS
Band17	5	23825	12	#Mid	QPSK	22.43	-0.91	19.37	PASS
Band17	5	23825	12	#Max	QPSK	22.30	-0.91	19.24	PASS
Band17	5	23825	25	#0	QPSK	22.37	-0.91	19.31	PASS
Band17	5	23825	1	#0	16QAM	22.56	-0.91	19.50	PASS
Band17	5	23825	1	#Mid	16QAM	22.77	-0.91	19.71	PASS
Band17	5	23825	1	#Max	16QAM	22.41	-0.91	19.35	PASS

Band17	5	23825	12	#0	16QAM	21.40	-0.91	18.34	PASS
Band17	5	23825	12	#Mid	16QAM	21.43	-0.91	18.37	PASS
Band17	5	23825	12	#Max	16QAM	21.32	-0.91	18.26	PASS
Band17	5	23825	25	#0	16QAM	21.38	-0.91	18.32	PASS
Band17	10	23780	1	#0	QPSK	23.27	-0.91	20.21	PASS
Band17	10	23780	1	#Mid	QPSK	23.37	-0.91	20.31	PASS
Band17	10	23780	1	#Max	QPSK	23.36	-0.91	20.30	PASS
Band17	10	23780	25	#0	QPSK	22.16	-0.91	19.10	PASS
Band17	10	23780	25	#Mid	QPSK	22.38	-0.91	19.32	PASS
Band17	10	23780	25	#Max	QPSK	22.27	-0.91	19.21	PASS
Band17	10	23780	50	#0	QPSK	22.26	-0.91	19.20	PASS
Band17	10	23780	1	#0	16QAM	22.60	-0.91	19.54	PASS
Band17	10	23780	1	#Mid	16QAM	22.68	-0.91	19.62	PASS
Band17	10	23780	1	#Max	16QAM	22.55	-0.91	19.49	PASS
Band17	10	23780	25	#0	16QAM	21.20	-0.91	18.14	PASS
Band17	10	23780	25	#Mid	16QAM	21.38	-0.91	18.32	PASS
Band17	10	23780	25	#Max	16QAM	21.31	-0.91	18.25	PASS
Band17	10	23780	50	#0	16QAM	21.23	-0.91	18.17	PASS
Band17	10	23790	1	#0	QPSK	23.32	-0.91	20.26	PASS
Band17	10	23790	1	#Mid	QPSK	23.39	-0.91	20.33	PASS
Band17	10	23790	1	#Max	QPSK	23.41	-0.91	20.35	PASS
Band17	10	23790	25	#0	QPSK	22.18	-0.91	19.12	PASS
Band17	10	23790	25	#Mid	QPSK	22.37	-0.91	19.31	PASS
Band17	10	23790	25	#Max	QPSK	22.19	-0.91	19.13	PASS
Band17	10	23790	50	#0	QPSK	22.20	-0.91	19.14	PASS
Band17	10	23790	1	#0	16QAM	22.53	-0.91	19.47	PASS
Band17	10	23790	1	#Mid	16QAM	22.71	-0.91	19.65	PASS
Band17	10	23790	1	#Max	16QAM	22.60	-0.91	19.54	PASS
Band17	10	23790	25	#0	16QAM	21.20	-0.91	18.14	PASS
Band17	10	23790	25	#Mid	16QAM	21.37	-0.91	18.31	PASS
Band17	10	23790	25	#Max	16QAM	21.23	-0.91	18.17	PASS
Band17	10	23790	50	#0	16QAM	21.18	-0.91	18.12	PASS
Band17	10	23800	1	#0	QPSK	23.34	-0.91	20.28	PASS
Band17	10	23800	1	#Mid	QPSK	23.39	-0.91	20.33	PASS
Band17	10	23800	1	#Max	QPSK	23.33	-0.91	20.27	PASS
Band17	10	23800	25	#0	QPSK	22.18	-0.91	19.12	PASS
Band17	10	23800	25	#Mid	QPSK	22.35	-0.91	19.29	PASS
Band17	10	23800	25	#Max	QPSK	22.15	-0.91	19.09	PASS
Band17	10	23800	50	#0	QPSK	22.22	-0.91	19.16	PASS
Band17	10	23800	1	#0	16QAM	22.54	-0.91	19.48	PASS
Band17	10	23800	1	#Mid	16QAM	22.61	-0.91	19.55	PASS
Band17	10	23800	1	#Max	16QAM	22.64	-0.91	19.58	PASS

Band17	10	23800	25	#0	16QAM	21.18	-0.91	18.12	PASS
Band17	10	23800	25	#Mid	16QAM	21.36	-0.91	18.30	PASS
Band17	10	23800	25	#Max	16QAM	21.18	-0.91	18.12	PASS
Band17	10	23800	50	#0	16QAM	21.19	-0.91	18.13	PASS

2 Frequency stability

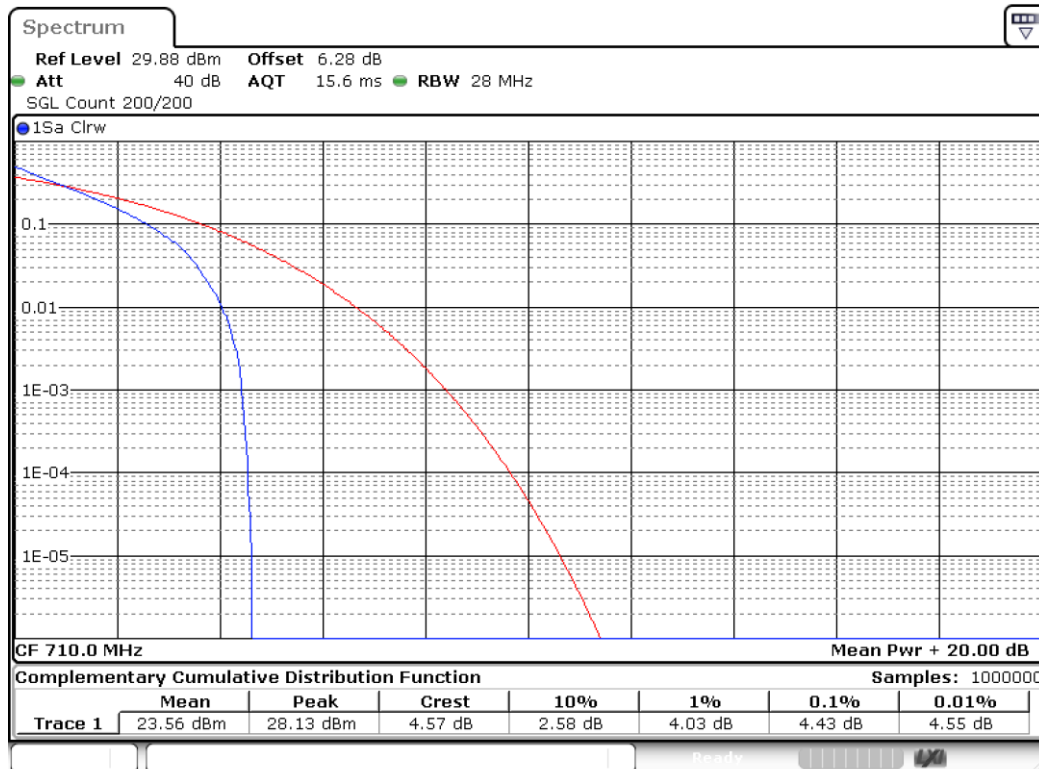
Band	Voltage [Vdc]	Temperature (°C)	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band17	VL	NT	10	23780	50	#0	QPSK	6.85	0.009696	±2.5	PASS
Band17	VN	NT	10	23780	50	#0	QPSK	-24.50	-0.034678	±2.5	PASS
Band17	VH	NT	10	23780	50	#0	QPSK	33.02	0.046737	±2.5	PASS
Band17	VL	NT	10	23790	50	#0	QPSK	-17.93	-0.025254	±2.5	PASS
Band17	VN	NT	10	23790	50	#0	QPSK	-14.39	-0.020268	±2.5	PASS
Band17	VH	NT	10	23790	50	#0	QPSK	-37.98	-0.053493	±2.5	PASS
Band17	VL	NT	10	23800	50	#0	QPSK	16.94	0.023742	±2.5	PASS
Band17	VN	NT	10	23800	50	#0	QPSK	3.12	0.004373	±2.5	PASS
Band17	VH	NT	10	23800	50	#0	QPSK	26.76	0.037505	±2.5	PASS
Band17	VL	NT	10	23780	50	#0	16QAM	17.81	0.025209	±2.5	PASS
Band17	VN	NT	10	23780	50	#0	16QAM	23.28	0.032951	±2.5	PASS
Band17	VH	NT	10	23780	50	#0	16QAM	13.99	0.019802	±2.5	PASS
Band17	VL	NT	10	23790	50	#0	16QAM	-27.27	-0.038408	±2.5	PASS
Band17	VN	NT	10	23790	50	#0	16QAM	-47.73	-0.067225	±2.5	PASS
Band17	VH	NT	10	23790	50	#0	16QAM	3.64	0.005127	±2.5	PASS
Band17	VL	NT	10	23800	50	#0	16QAM	24.76	0.034702	±2.5	PASS
Band17	VN	NT	10	23800	50	#0	16QAM	41.80	0.058584	±2.5	PASS
Band17	VH	NT	10	23800	50	#0	16QAM	6.98	0.009783	±2.5	PASS
Band17	NV	-30	10	23780	50	#0	QPSK	11.74	0.016617	±2.5	PASS
Band17	NV	-20	10	23780	50	#0	QPSK	34.11	0.048280	±2.5	PASS
Band17	NV	0	10	23780	50	#0	QPSK	34.78	0.049229	±2.5	PASS
Band17	NV	10	10	23780	50	#0	QPSK	36.75	0.052017	±2.5	PASS
Band17	NV	20	10	23780	50	#0	QPSK	26.90	0.038075	±2.5	PASS
Band17	NV	-30	10	23790	50	#0	QPSK	-43.16	-0.060789	±2.5	PASS
Band17	NV	-20	10	23790	50	#0	QPSK	-35.40	-0.049859	±2.5	PASS
Band17	NV	0	10	23790	50	#0	QPSK	-14.59	-0.020549	±2.5	PASS
Band17	NV	10	10	23790	50	#0	QPSK	-44.62	-0.062845	±2.5	PASS
Band17	NV	20	10	23790	50	#0	QPSK	-23.16	-0.032620	±2.5	PASS
Band17	NV	-30	10	23800	50	#0	QPSK	15.12	0.021191	±2.5	PASS
Band17	NV	-20	10	23800	50	#0	QPSK	40.07	0.056160	±2.5	PASS
Band17	NV	0	10	23800	50	#0	QPSK	5.44	0.007624	±2.5	PASS
Band17	NV	10	10	23800	50	#0	QPSK	20.23	0.028353	±2.5	PASS
Band17	NV	20	10	23800	50	#0	QPSK	31.85	0.044639	±2.5	PASS

Band17	NV	-30	10	23780	50	#0	16QAM	18.35	0.025973	±2.5	PASS
Band17	NV	-20	10	23780	50	#0	16QAM	25.56	0.036178	±2.5	PASS
Band17	NV	0	10	23780	50	#0	16QAM	33.49	0.047403	±2.5	PASS
Band17	NV	10	10	23780	50	#0	16QAM	40.66	0.057551	±2.5	PASS
Band17	NV	20	10	23780	50	#0	16QAM	50.48	0.071451	±2.5	PASS
Band17	NV	-30	10	23790	50	#0	16QAM	-20.78	-0.029268	±2.5	PASS
Band17	NV	-20	10	23790	50	#0	16QAM	-39.02	-0.054958	±2.5	PASS
Band17	NV	0	10	23790	50	#0	16QAM	-9.56	-0.013465	±2.5	PASS
Band17	NV	10	10	23790	50	#0	16QAM	-24.92	-0.035099	±2.5	PASS
Band17	NV	20	10	23790	50	#0	16QAM	-39.92	-0.056225	±2.5	PASS
Band17	NV	-30	10	23800	50	#0	16QAM	-8.08	-0.011324	±2.5	PASS
Band17	NV	-20	10	23800	50	#0	16QAM	-16.70	-0.023406	±2.5	PASS
Band17	NV	0	10	23800	50	#0	16QAM	-24.56	-0.034422	±2.5	PASS
Band17	NV	10	10	23800	50	#0	16QAM	-31.36	-0.043952	±2.5	PASS
Band17	NV	20	10	23800	50	#0	16QAM	-37.82	-0.053006	±2.5	PASS

3 Peak-to-Average Ratio

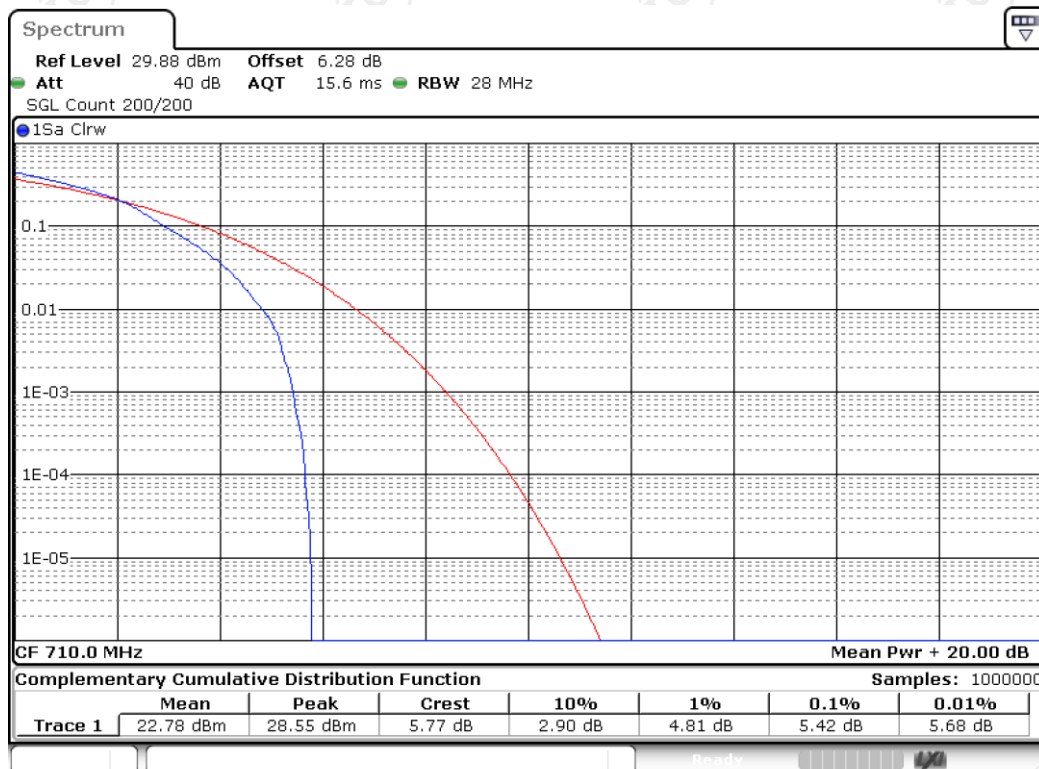
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band17	5	23755	1	#0	QPSK	4.90	13	PASS
Band17	5	23755	1	#0	16QAM	5.91	13	PASS
Band17	5	23790	1	#0	QPSK	4.43	13	PASS
Band17	5	23790	1	#0	16QAM	5.42	13	PASS
Band17	5	23825	1	#0	QPSK	4.67	13	PASS
Band17	5	23825	1	#0	16QAM	5.65	13	PASS
Band17	10	23780	1	#0	QPSK	4.81	13	PASS
Band17	10	23780	1	#0	16QAM	5.80	13	PASS
Band17	10	23790	1	#0	QPSK	4.61	13	PASS
Band17	10	23790	1	#0	16QAM	5.65	13	PASS
Band17	10	23800	1	#0	QPSK	4.49	13	PASS
Band17	10	23800	1	#0	16QAM	5.45	13	PASS

Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0



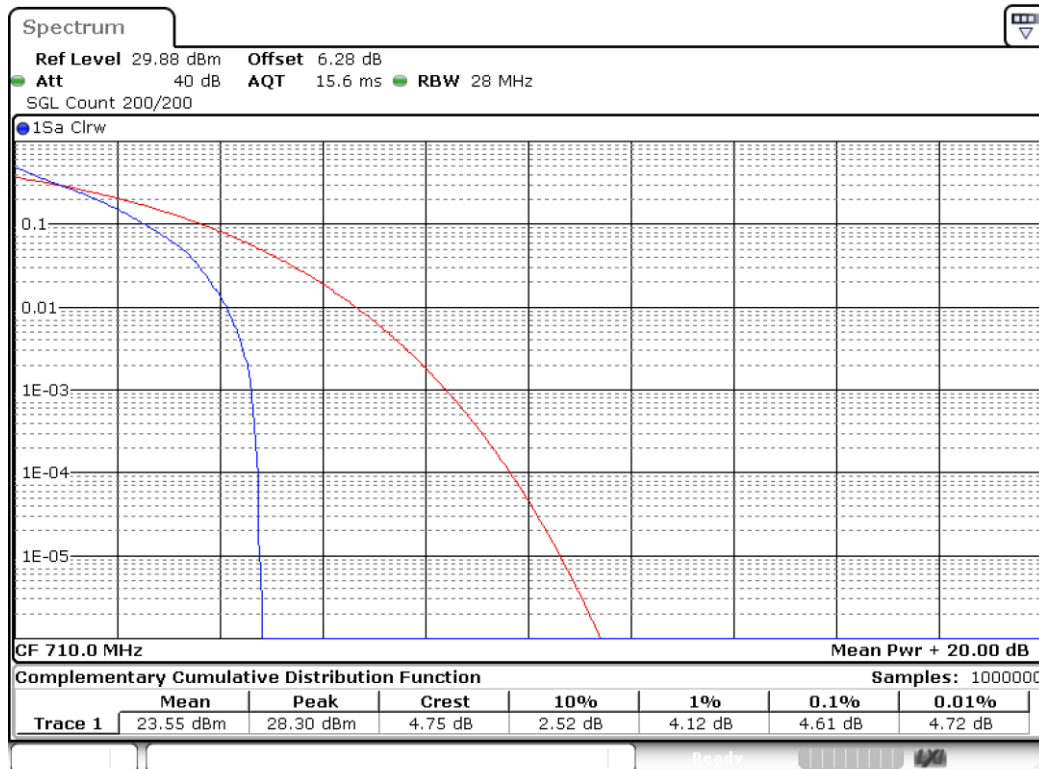
Date: 7.JUN.2023 11:20:07

Band17 16QAM BW=5MHz Channel=23790 RB Size=1 Position=#0



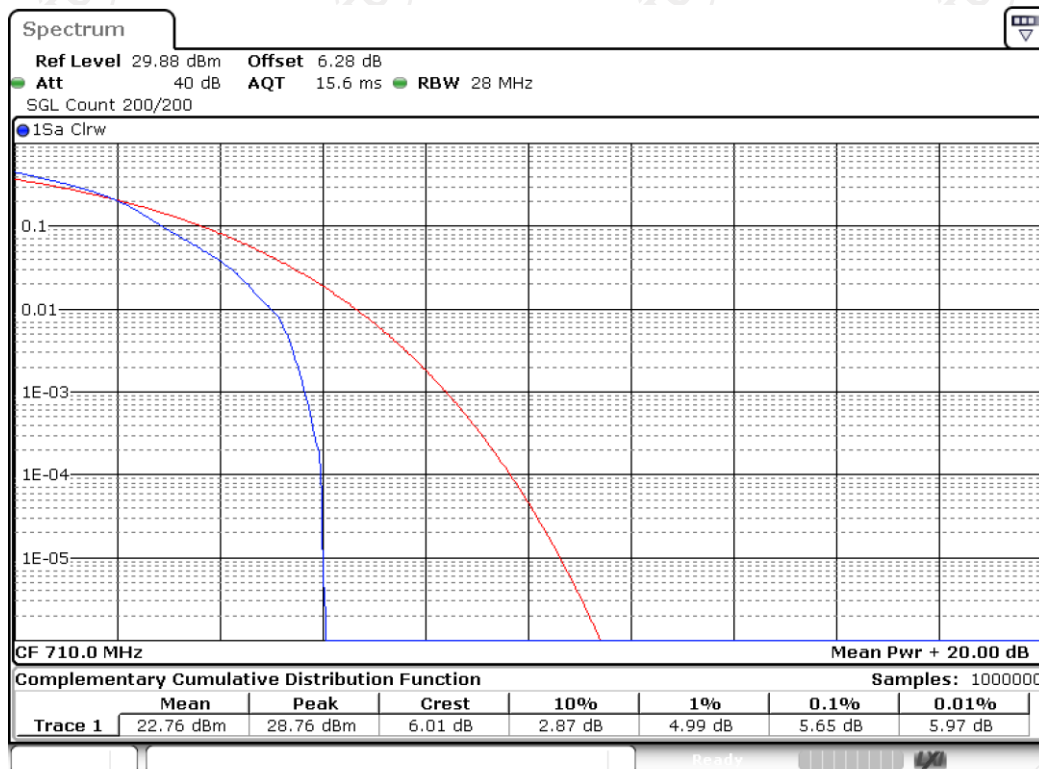
Date: 7.JUN.2023 11:20:35

Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0



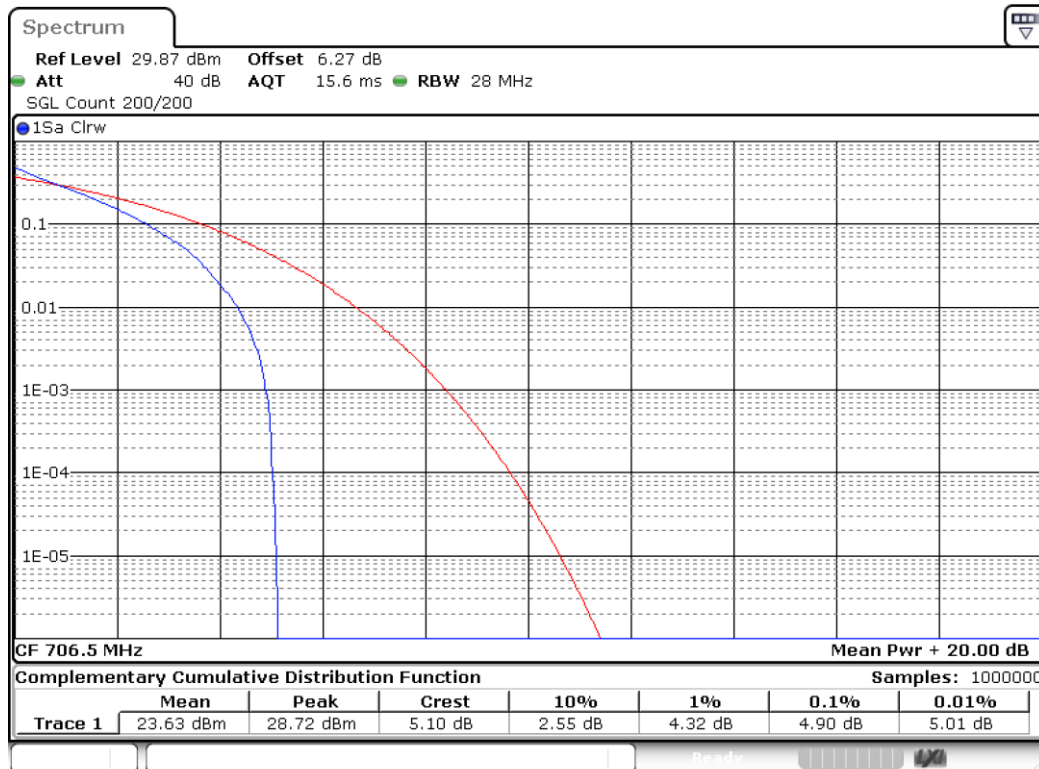
Date: 7.JUN.2023 11:22:53

Band17 16QAM BW=10MHz Channel=23790 RB Size=1 Position=#0



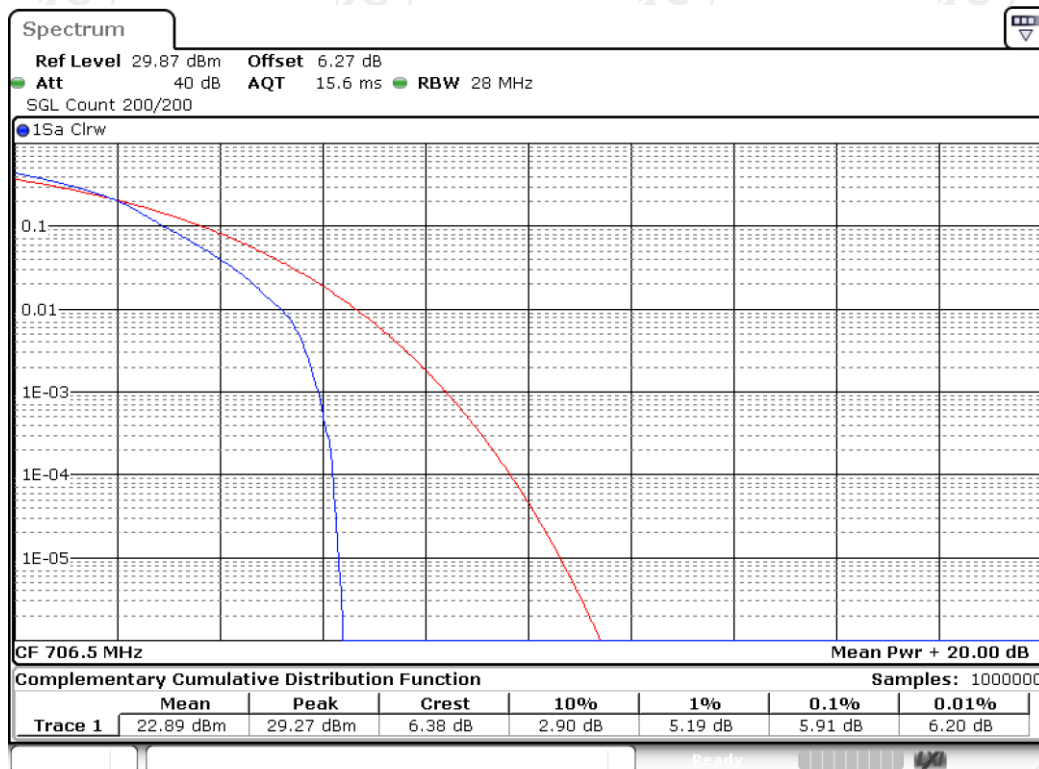
Date: 7.JUN.2023 11:23:21

Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#0



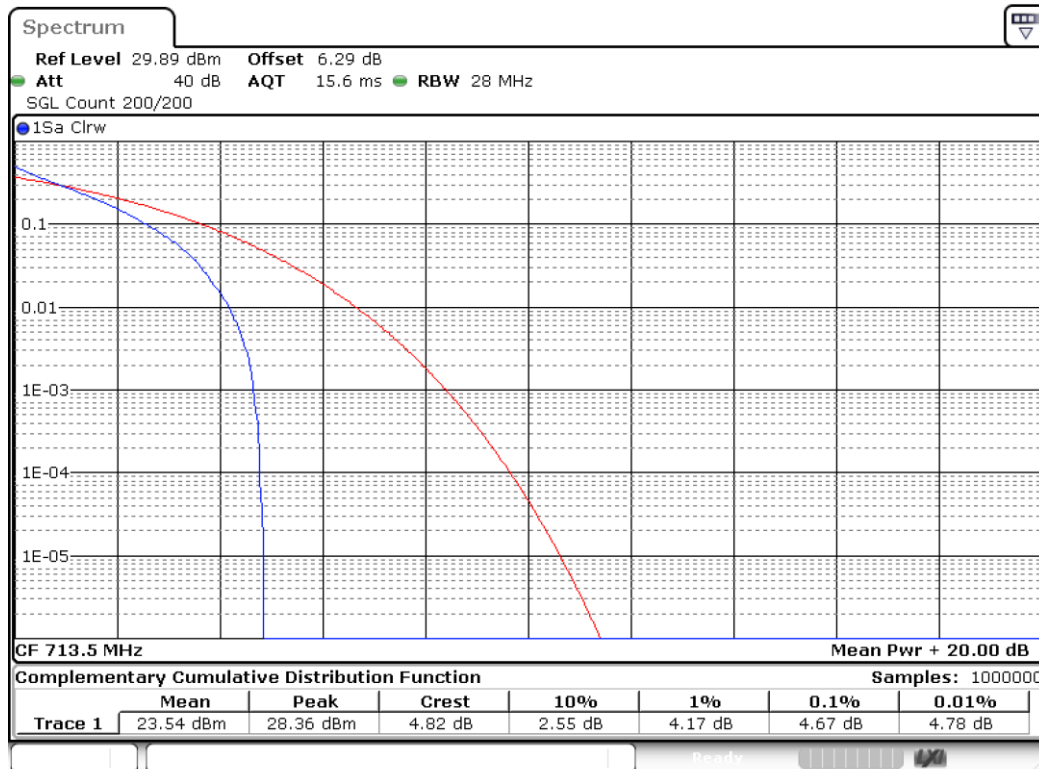
Date: 7.JUN.2023 11:19:13

Band17 16QAM BW=5MHz Channel=23755 RB Size=1 Position=#0



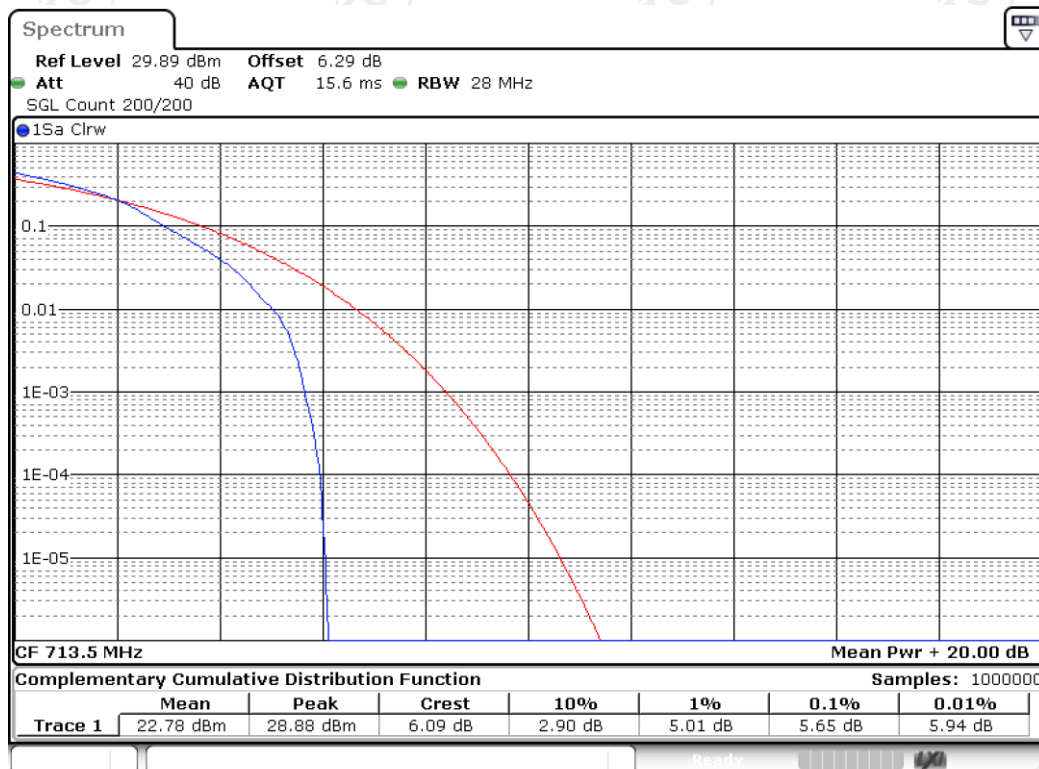
Date: 7.JUN.2023 11:19:40

Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0



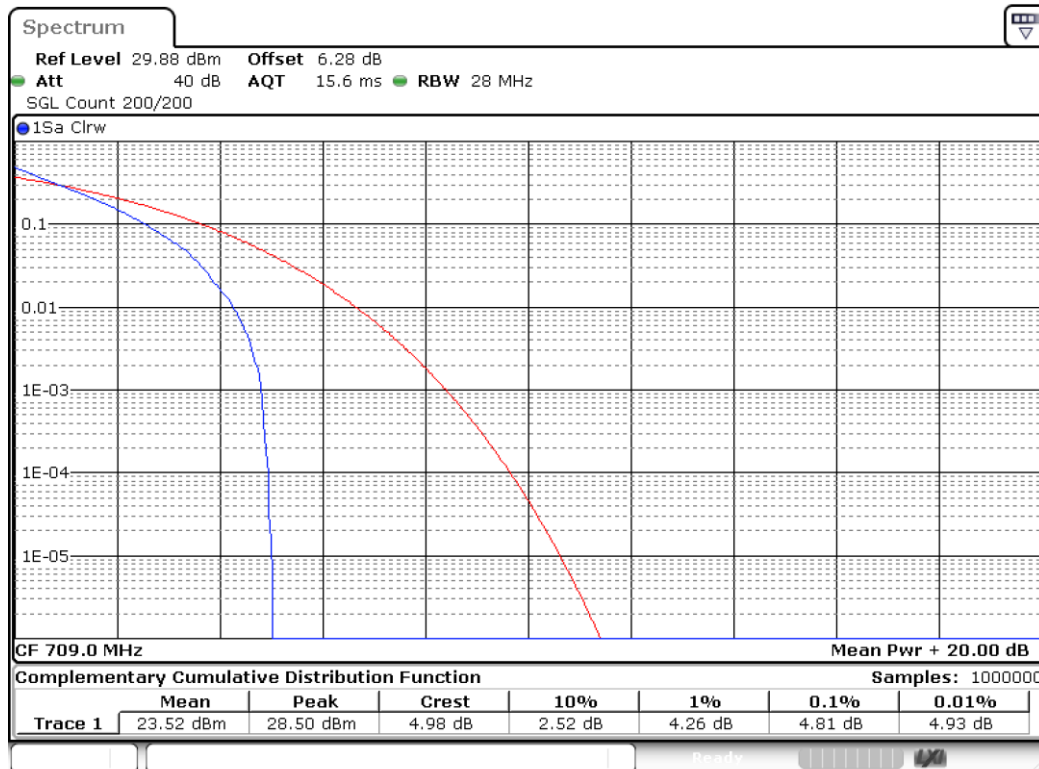
Date: 7.JUN.2023 11:21:03

Band17 16QAM BW=5MHz Channel=23825 RB Size=1 Position=#0



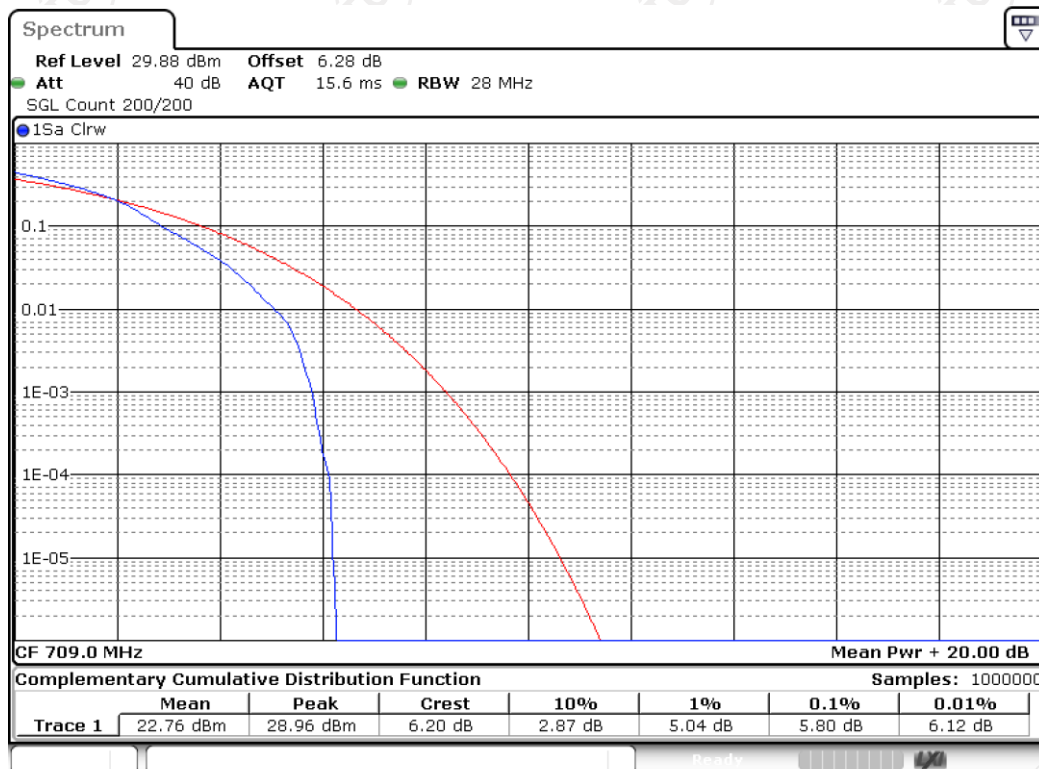
Date: 7.JUN.2023 11:21:30

Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0



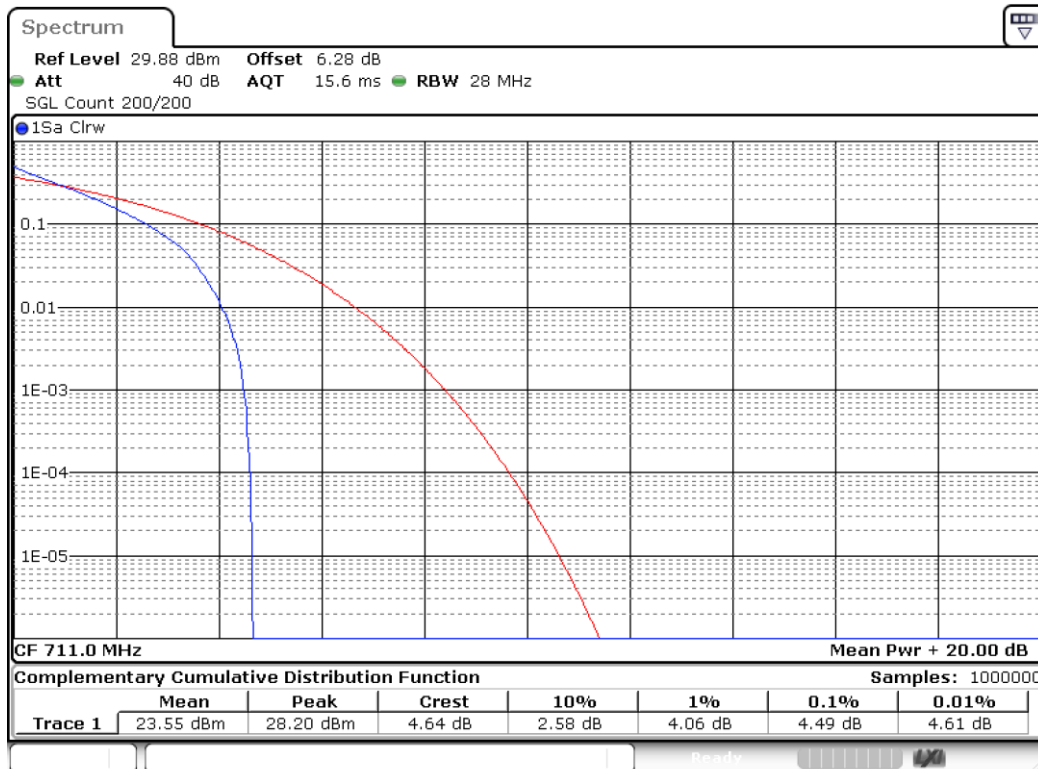
Date: 7.JUN.2023 11:21:58

Band17 16QAM BW=10MHz Channel=23780 RB Size=1 Position=#0



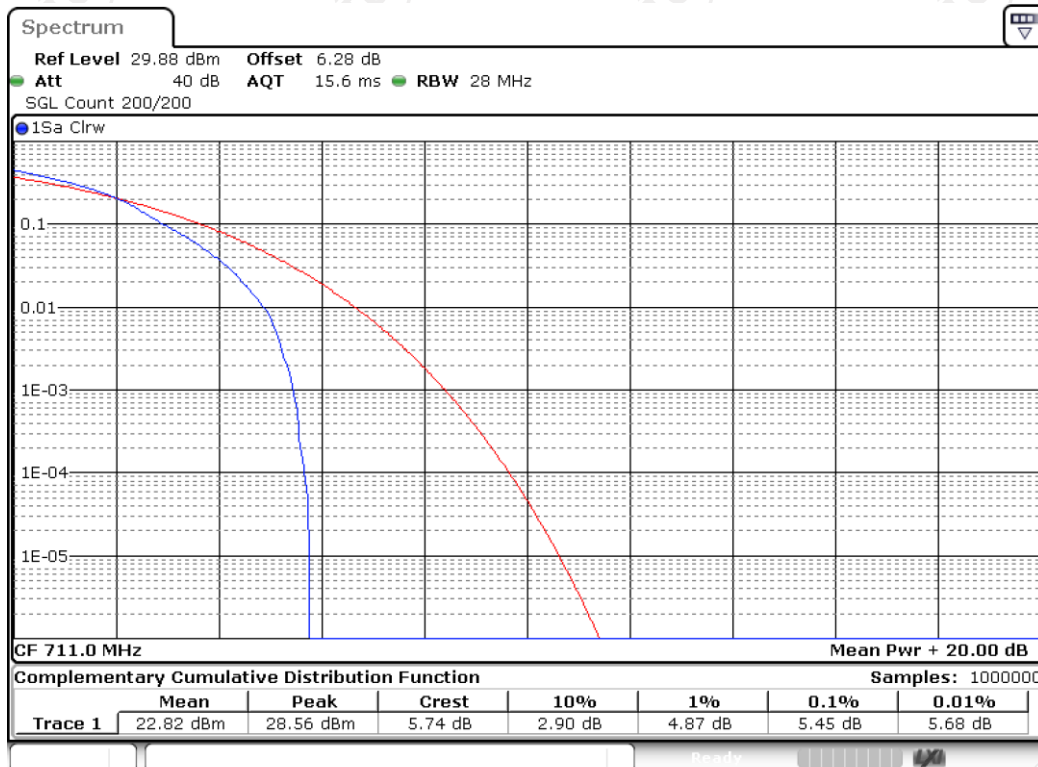
Date: 7.JUN.2023 11:22:26

Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0



Date: 7.JUN.2023 11:23:48

Band17 16QAM BW=10MHz Channel=23800 RB Size=1 Position=#0

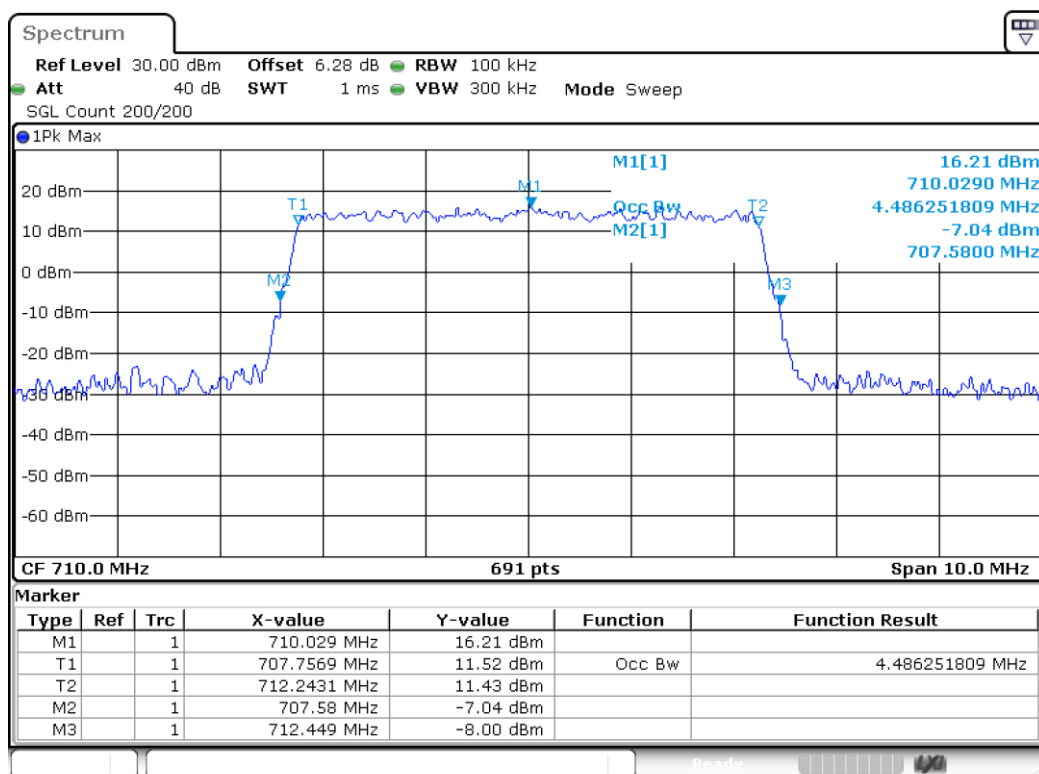


Date: 7.JUN.2023 11:24:16

4 Occupied bandwidth

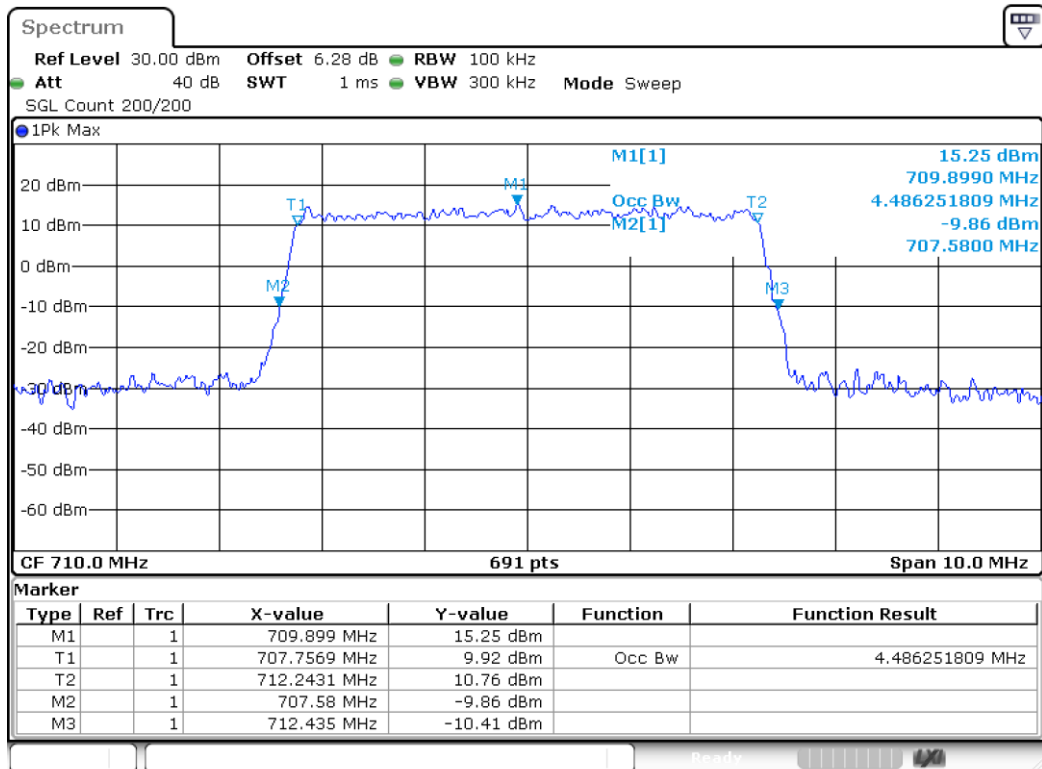
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band17	5	23755	25	#0	QPSK	4.501	4.855	PASS
Band17	5	23755	25	#0	16QAM	4.472	4.826	PASS
Band17	5	23790	25	#0	QPSK	4.486	4.870	PASS
Band17	5	23790	25	#0	16QAM	4.486	4.855	PASS
Band17	5	23825	25	#0	QPSK	4.501	4.841	PASS
Band17	5	23825	25	#0	16QAM	4.486	4.884	PASS
Band17	10	23780	50	#0	QPSK	8.944	9.594	PASS
Band17	10	23780	50	#0	16QAM	8.944	9.594	PASS
Band17	10	23790	50	#0	QPSK	8.944	9.565	PASS
Band17	10	23790	50	#0	16QAM	8.944	9.594	PASS
Band17	10	23800	50	#0	QPSK	8.944	9.623	PASS
Band17	10	23800	50	#0	16QAM	8.944	9.710	PASS

Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



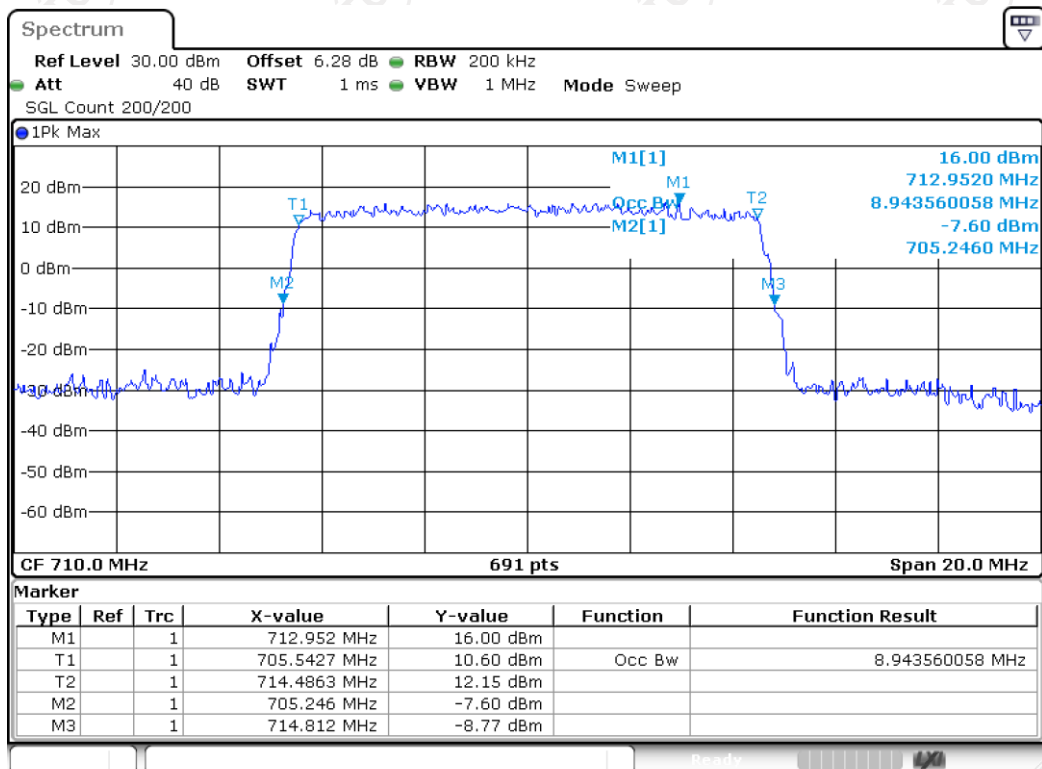
Date: 7.JUN.2023 11:24:46

Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



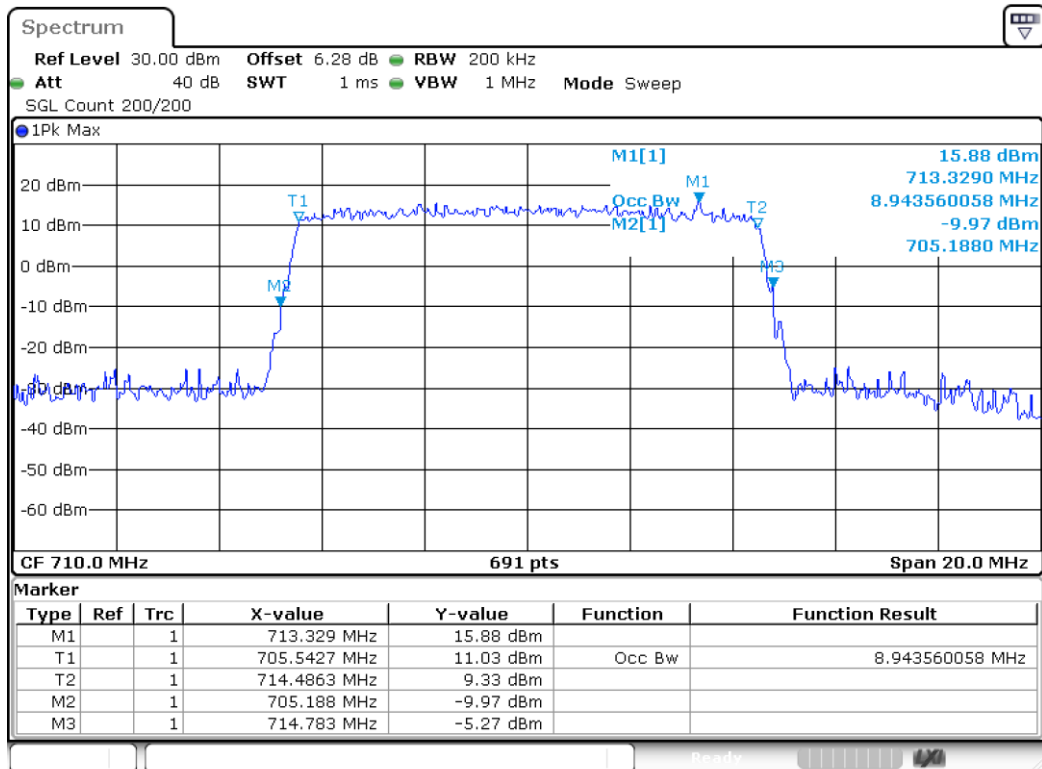
Date: 7.JUN.2023 11:24:52

Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



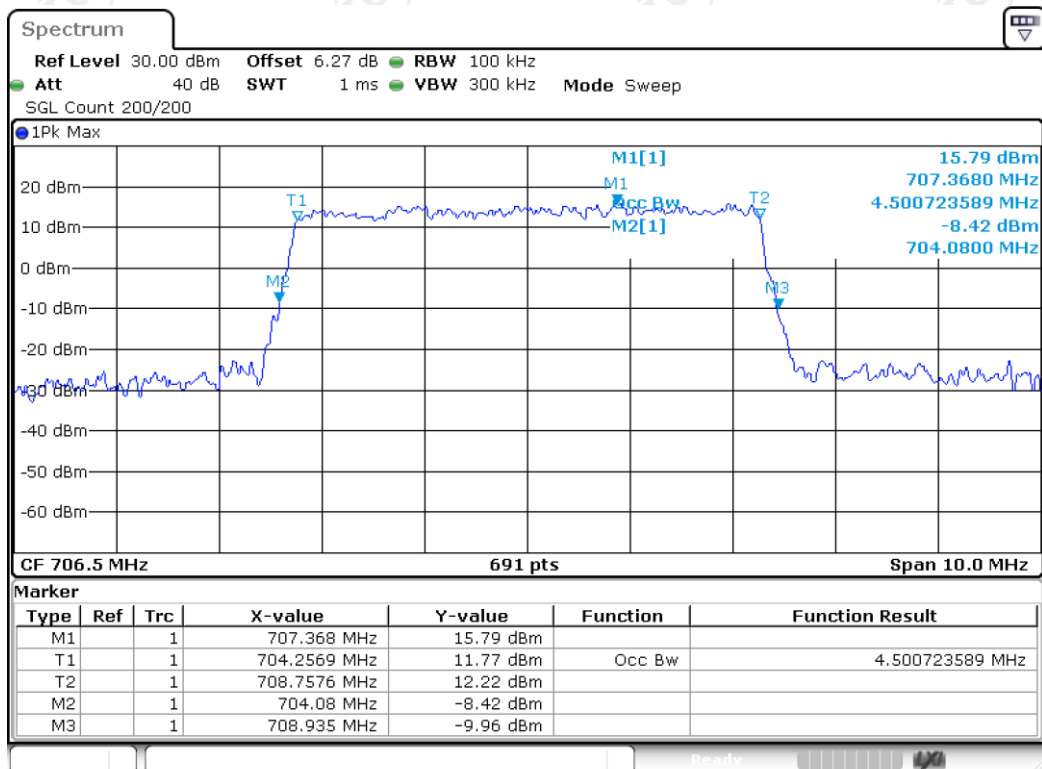
Date: 7.JUN.2023 11:25:23

Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



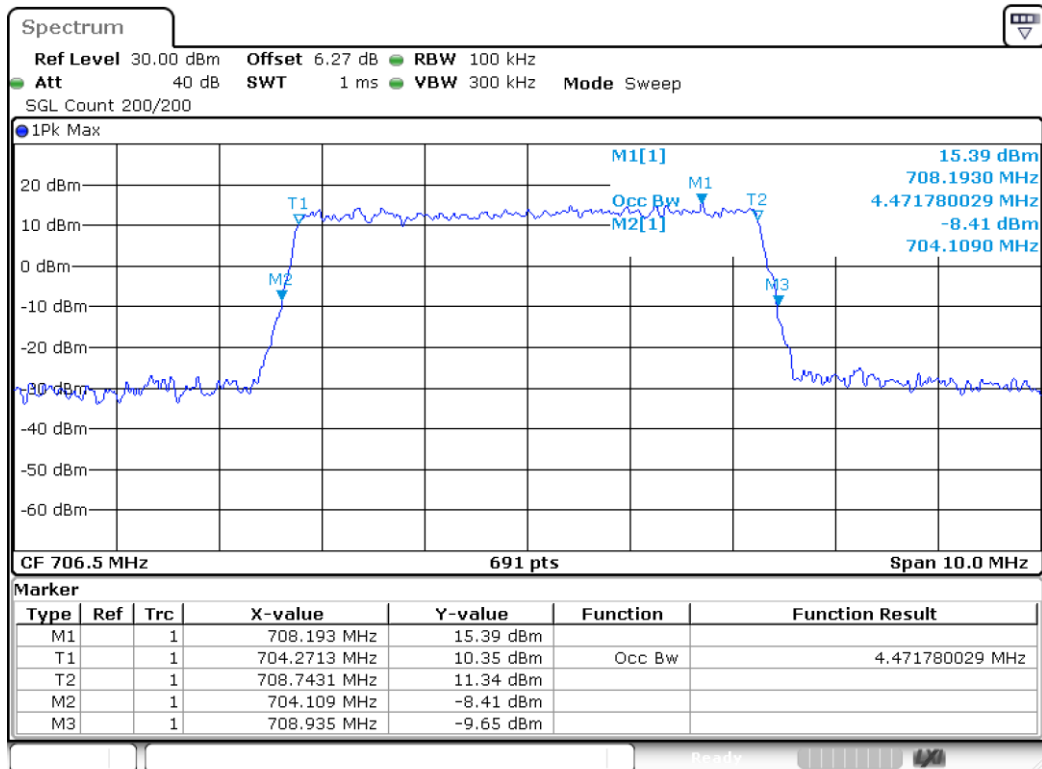
Date: 7.JUN.2023 11:25:30

Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



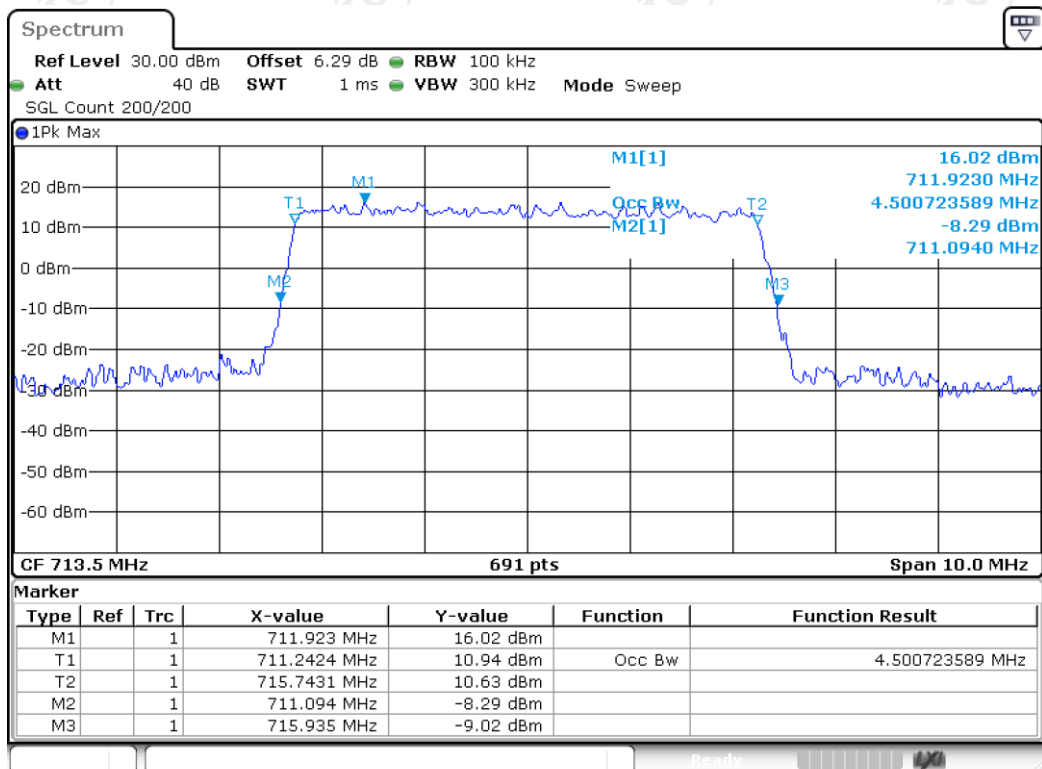
Date: 7.JUN.2023 11:24:34

Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



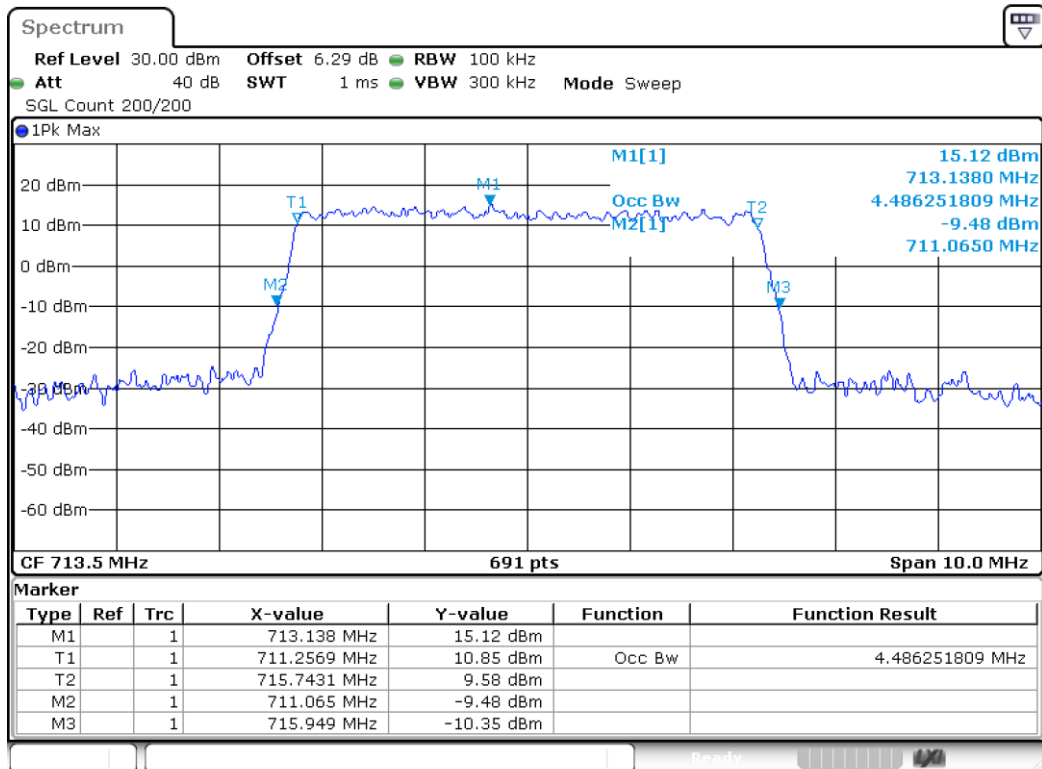
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Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



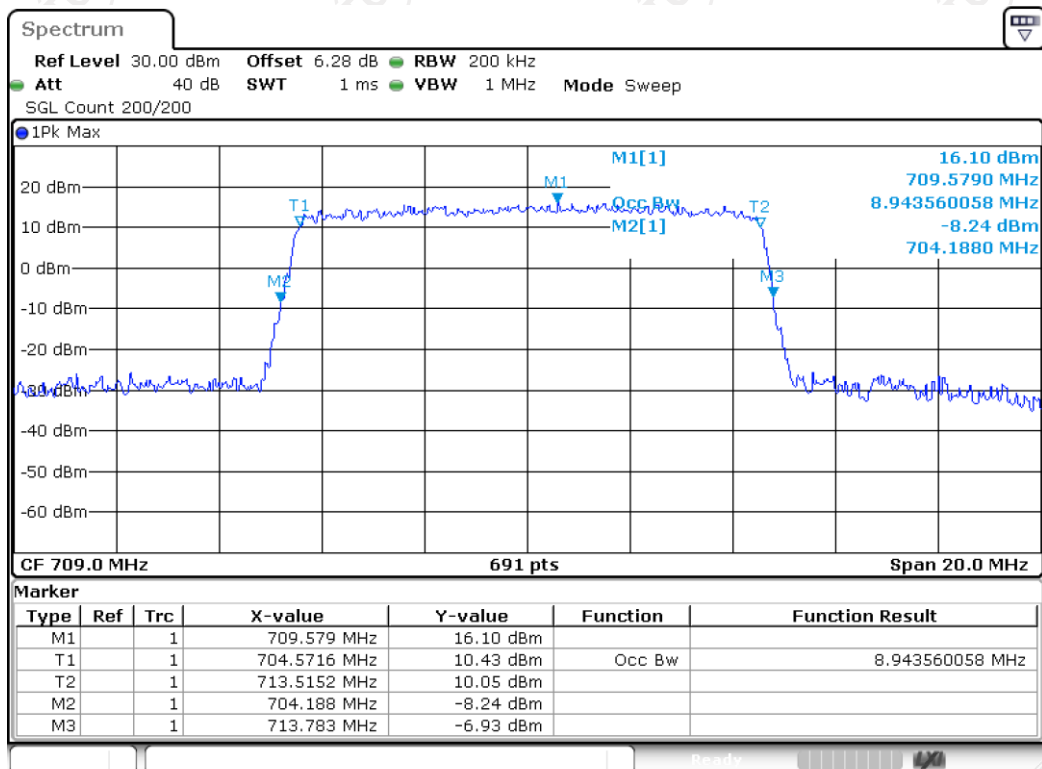
Date: 7.JUN.2023 11:24:57

Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0



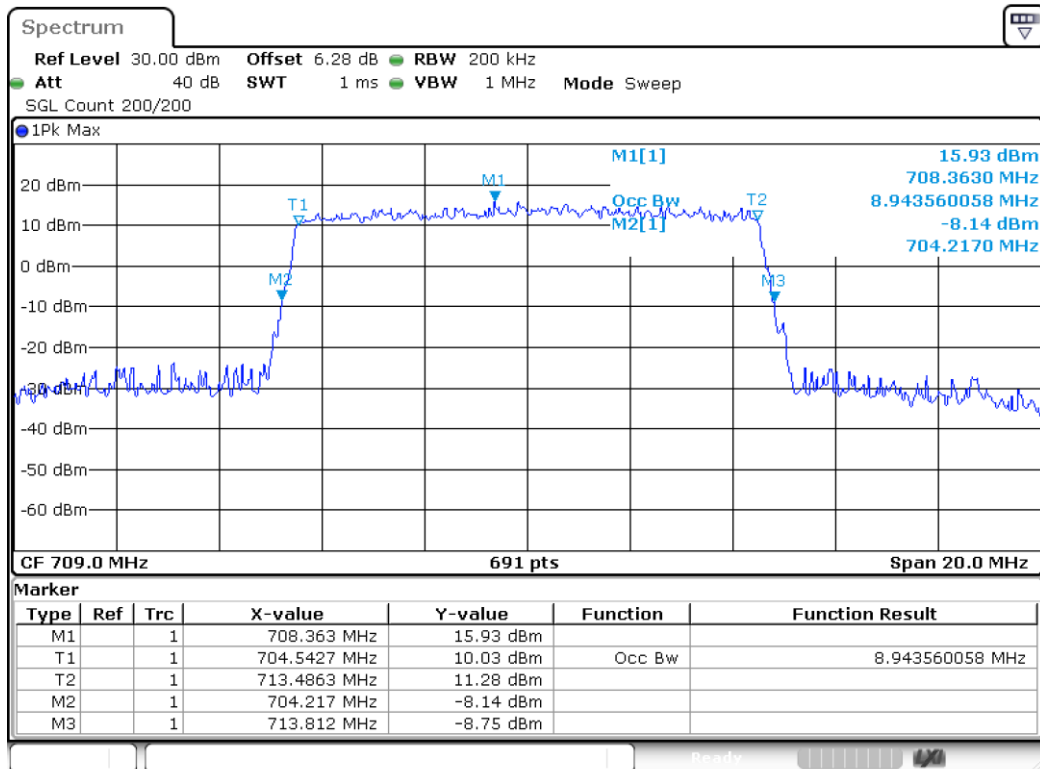
Date: 7.JUN.2023 11:25:02

Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



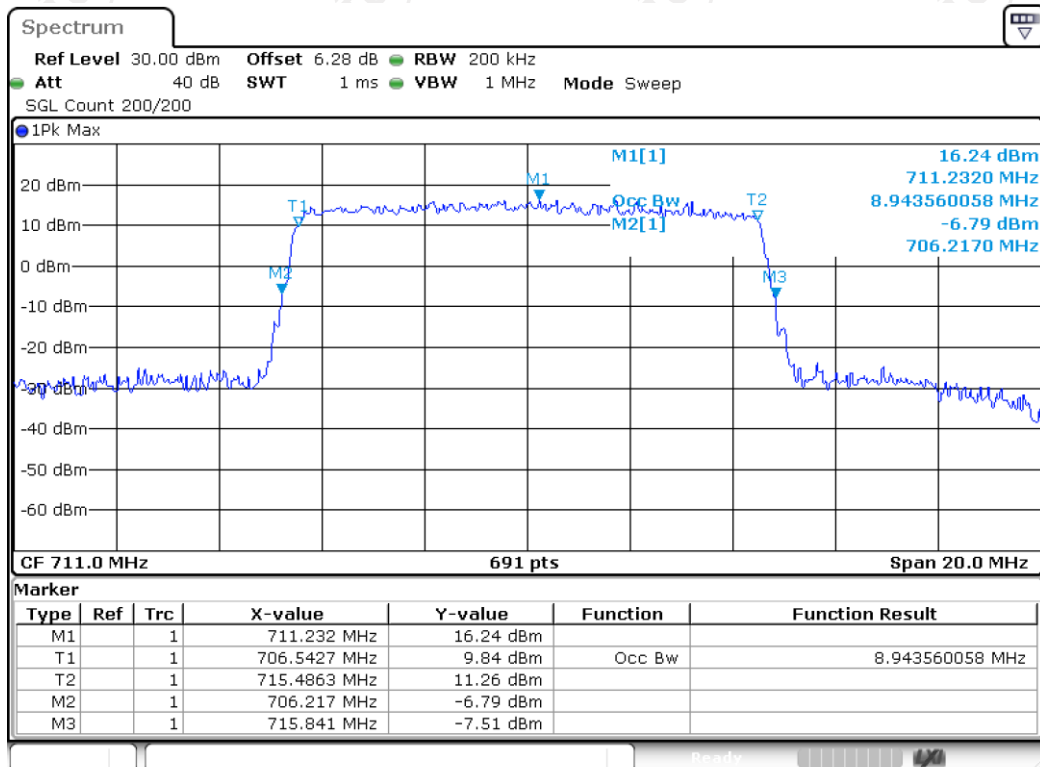
Date: 7.JUN.2023 11:25:10

Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0



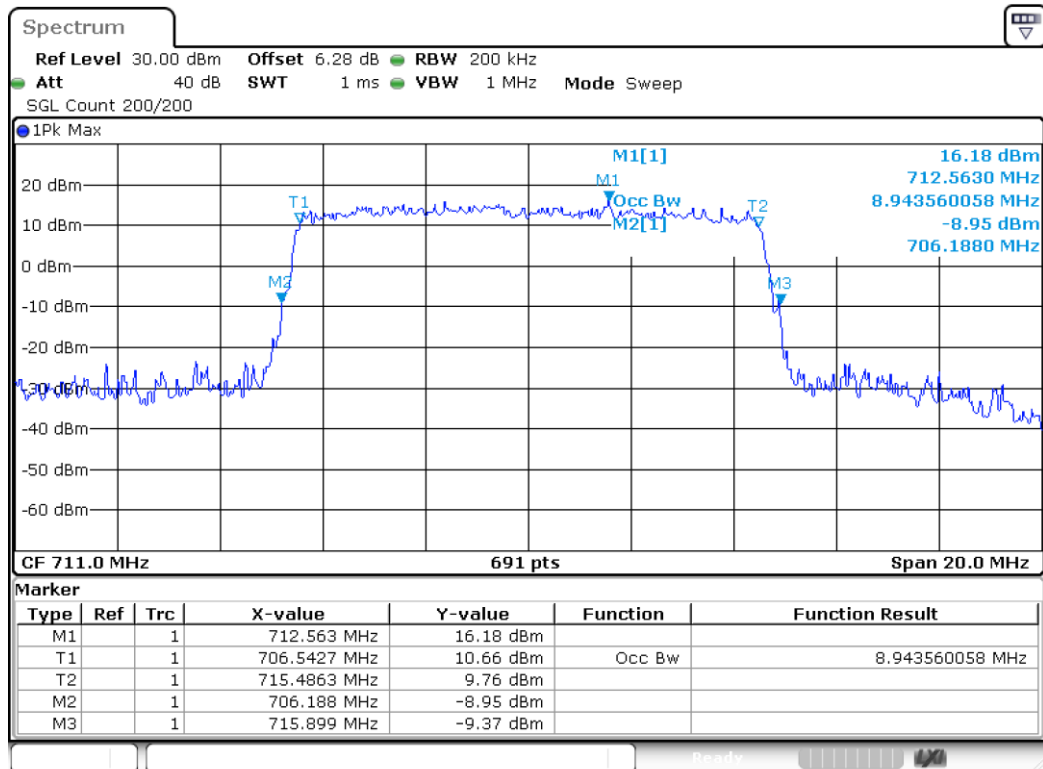
Date: 7.JUN.2023 11:25:16

Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



Date: 7.JUN.2023 11:25:37

Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0

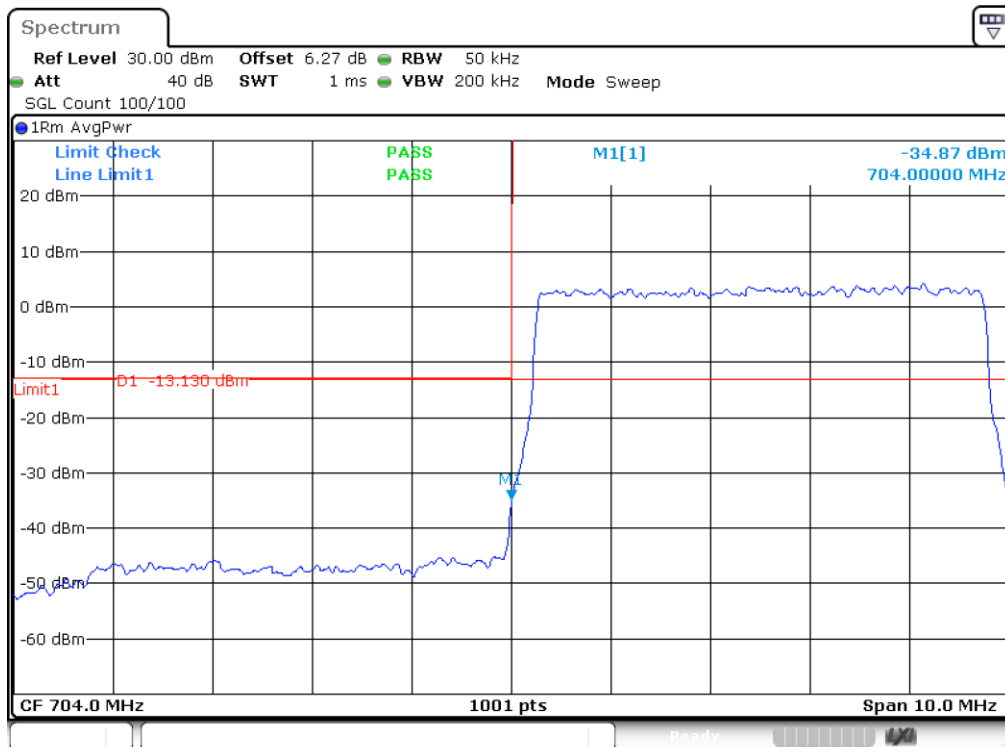


Date: 7.JUN.2023 11:25:43

5 Band edge

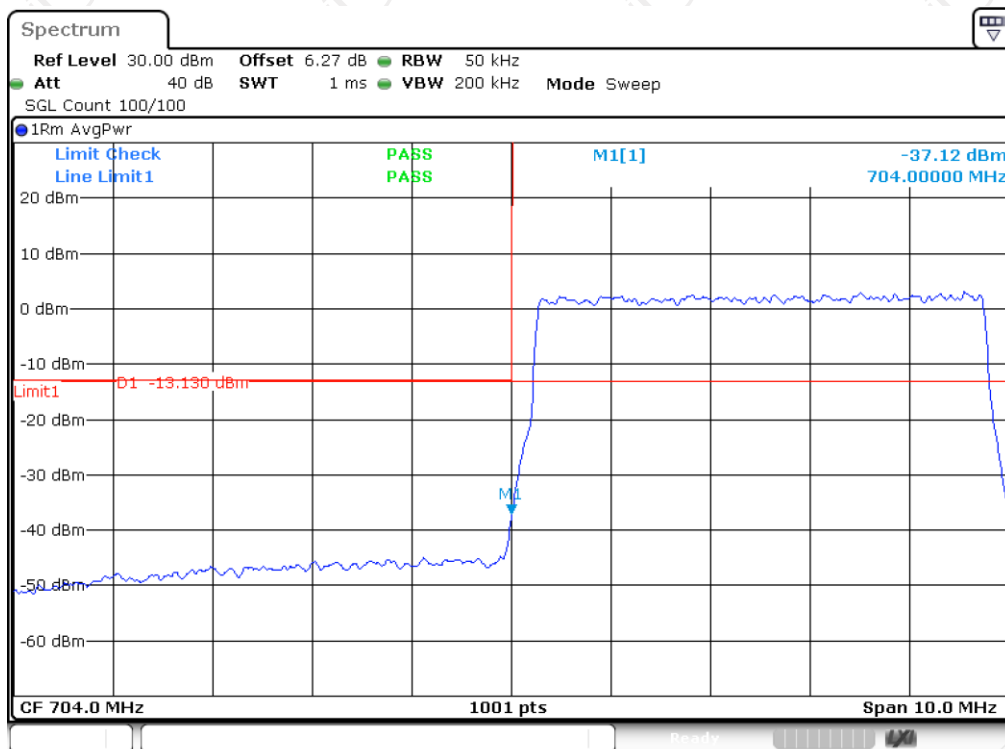
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band17	5	23755	25	#0	QPSK	704.00	-34.86	-13	PASS
Band17	5	23755	25	#0	16QAM	704.00	-37.11	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-36.80	-13	PASS
Band17	5	23825	25	#0	16QAM	716.00	-39.32	-13	PASS
Band17	10	23780	50	#0	QPSK	704.00	-40.92	-13	PASS
Band17	10	23780	50	#0	16QAM	704.00	-42.05	-13	PASS
Band17	10	23800	50	#0	QPSK	716.00	-43.96	-13	PASS
Band17	10	23800	50	#0	16QAM	716.00	-43.30	-13	PASS

Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



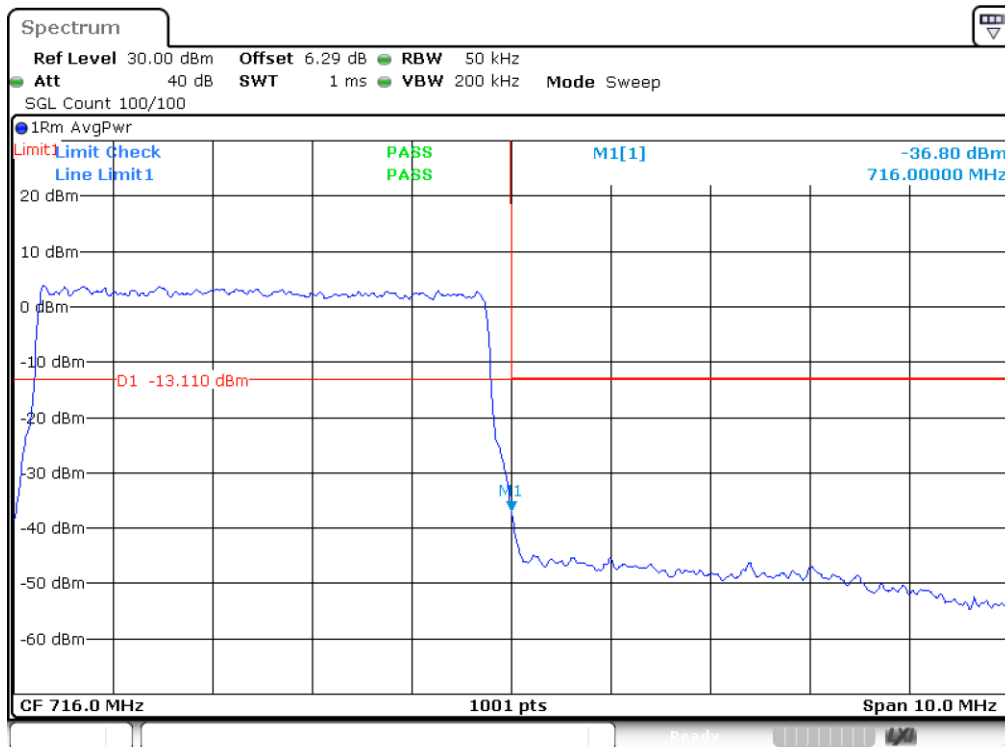
Date: 19.MAY.2023 11:59:58

Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



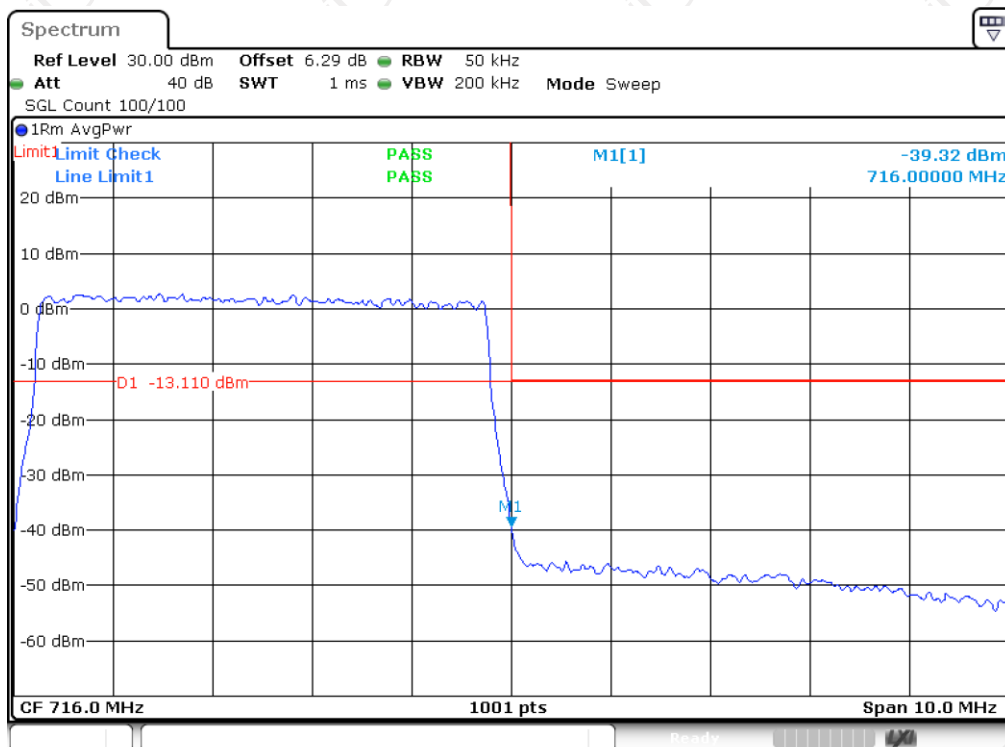
Date: 19.MAY.2023 12:00:03

Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



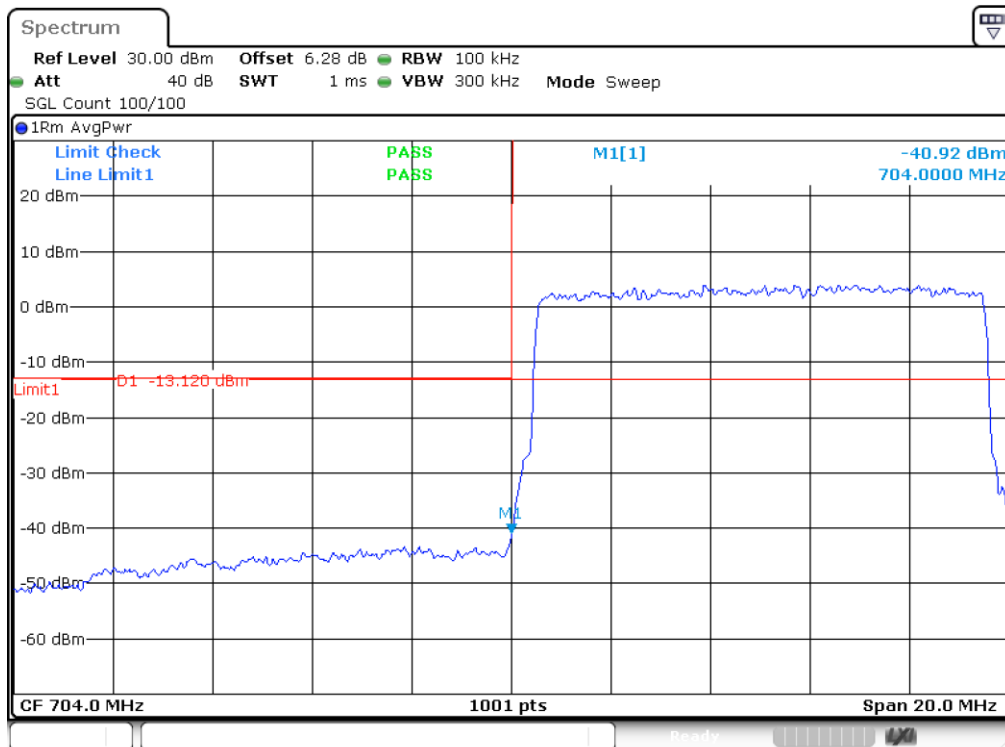
Date: 19.MAY.2023 12:00:08

Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0



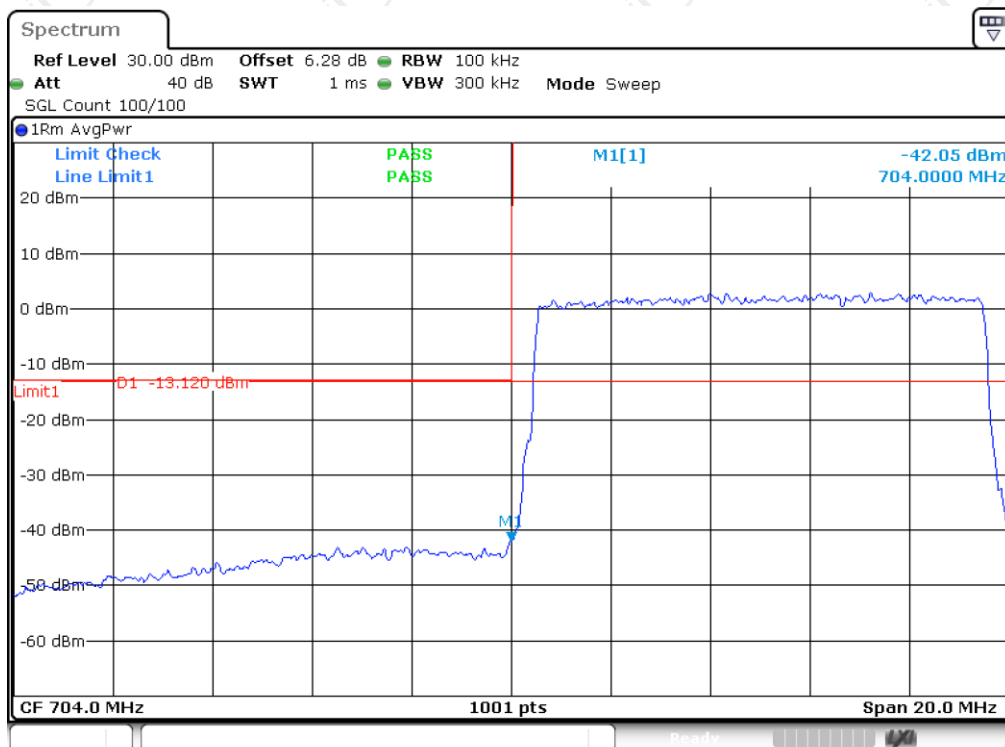
Date: 19.MAY.2023 12:00:13

Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



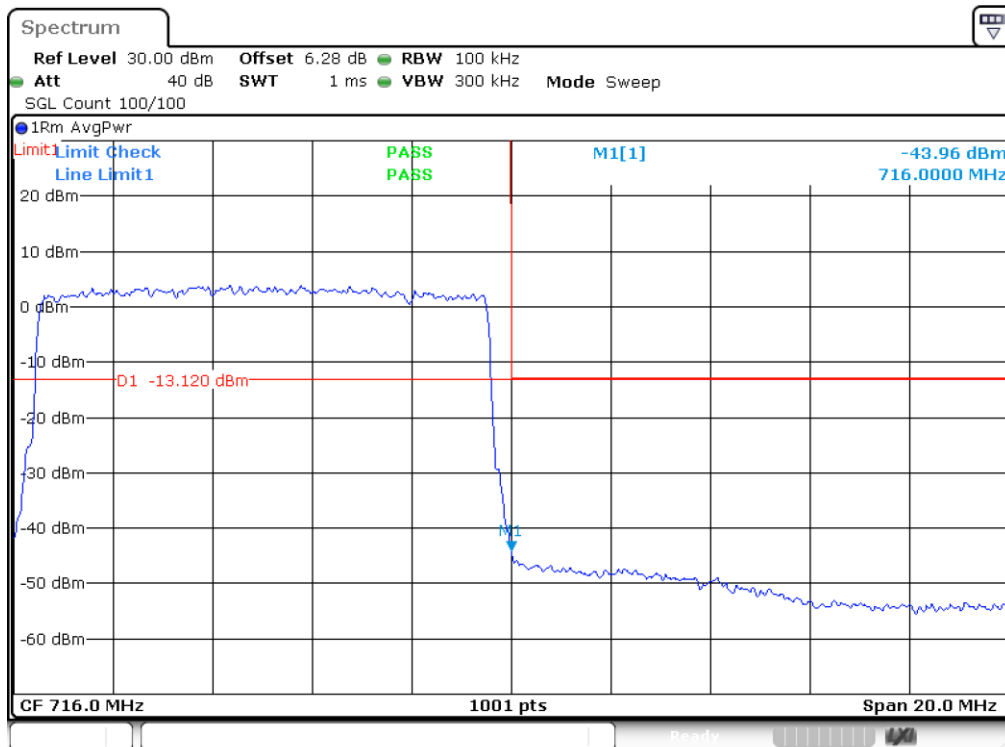
Date: 19.MAY.2023 12:00:19

Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0



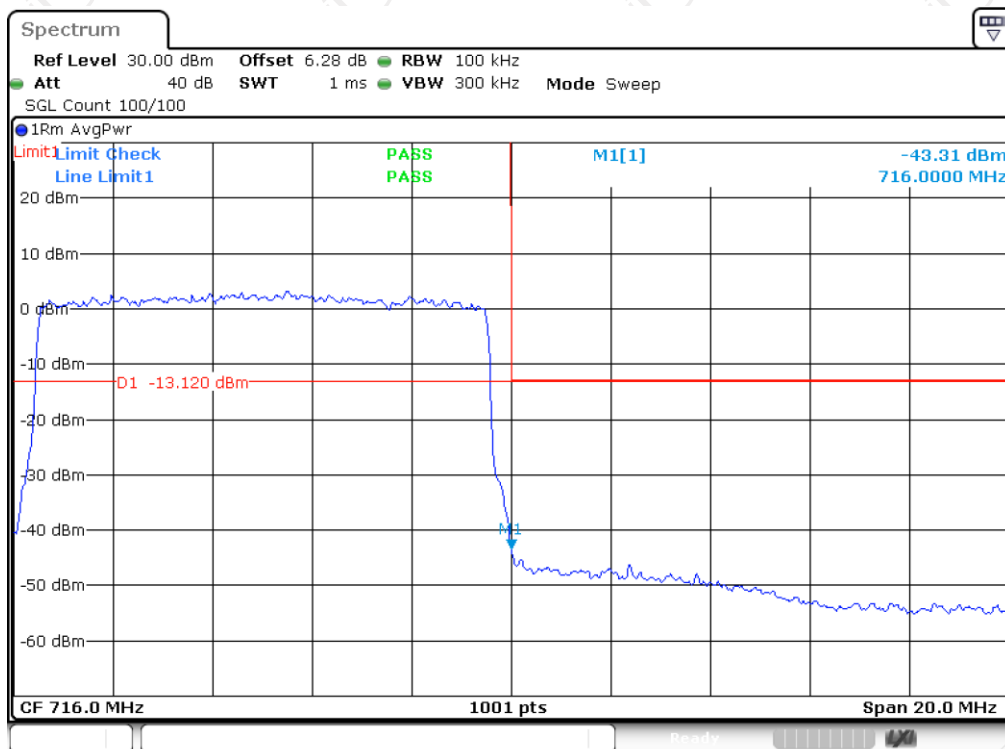
Date: 19.MAY.2023 12:00:24

Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



Date: 19.MAY.2023 12:00:29

Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0

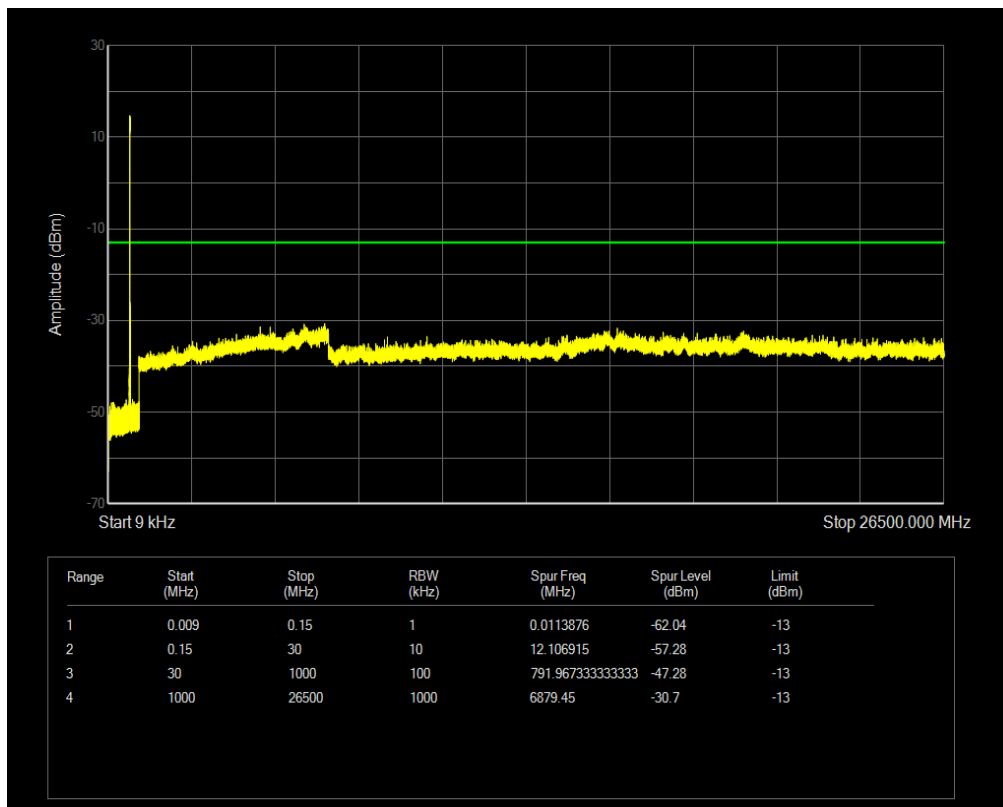


Date: 19.MAY.2023 12:00:34

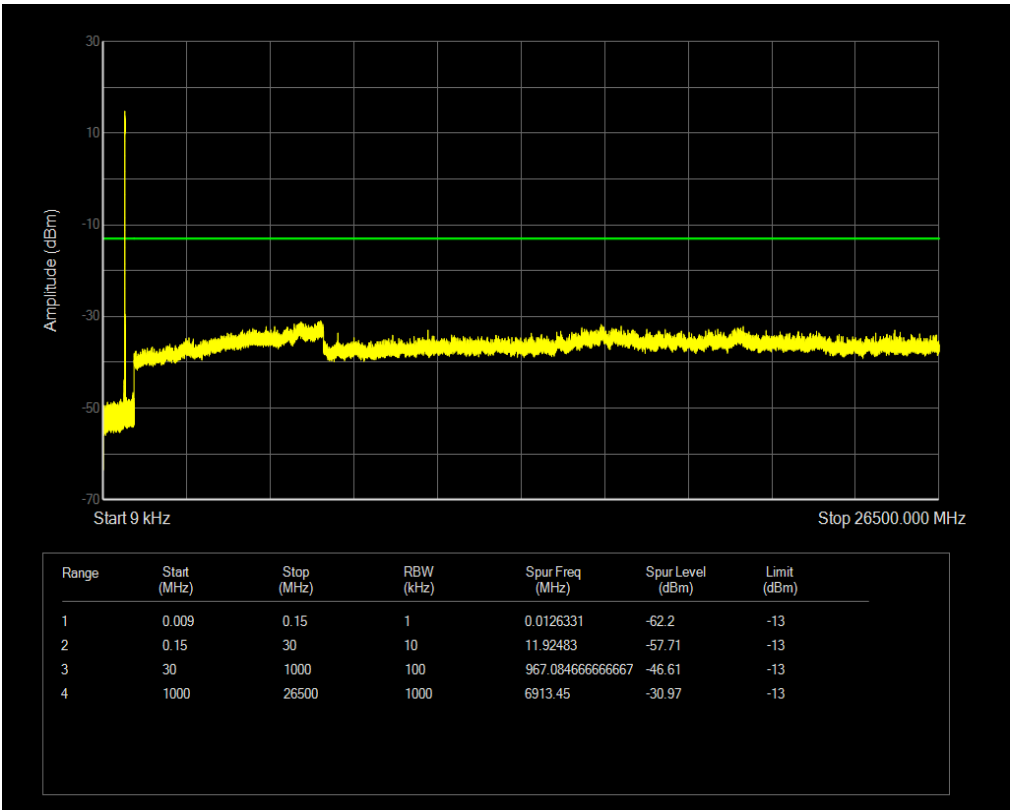
6 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band17	5	23755	25	#0	QPSK	6879.45	-30.70	-13	PASS
Band17	5	23755	25	#0	16QAM	6913.45	-30.97	-13	PASS
Band17	5	23825	25	#0	QPSK	6519.05	-30.47	-13	PASS
Band17	5	23825	25	#0	16QAM	6899.00	-30.79	-13	PASS
Band17	10	23780	50	#0	QPSK	6724.75	-30.06	-13	PASS
Band17	10	23780	50	#0	16QAM	6921.10	-30.79	-13	PASS
Band17	10	23800	50	#0	QPSK	6838.65	-31.38	-13	PASS
Band17	10	23800	50	#0	16QAM	6769.80	-30.76	-13	PASS

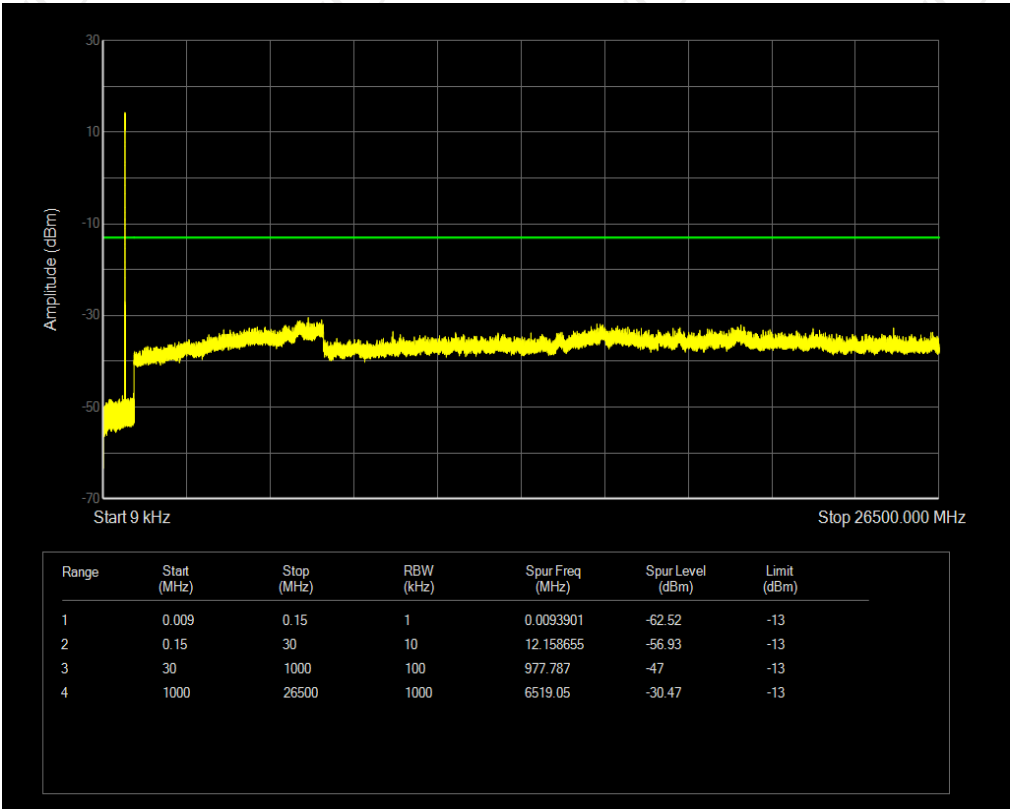
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



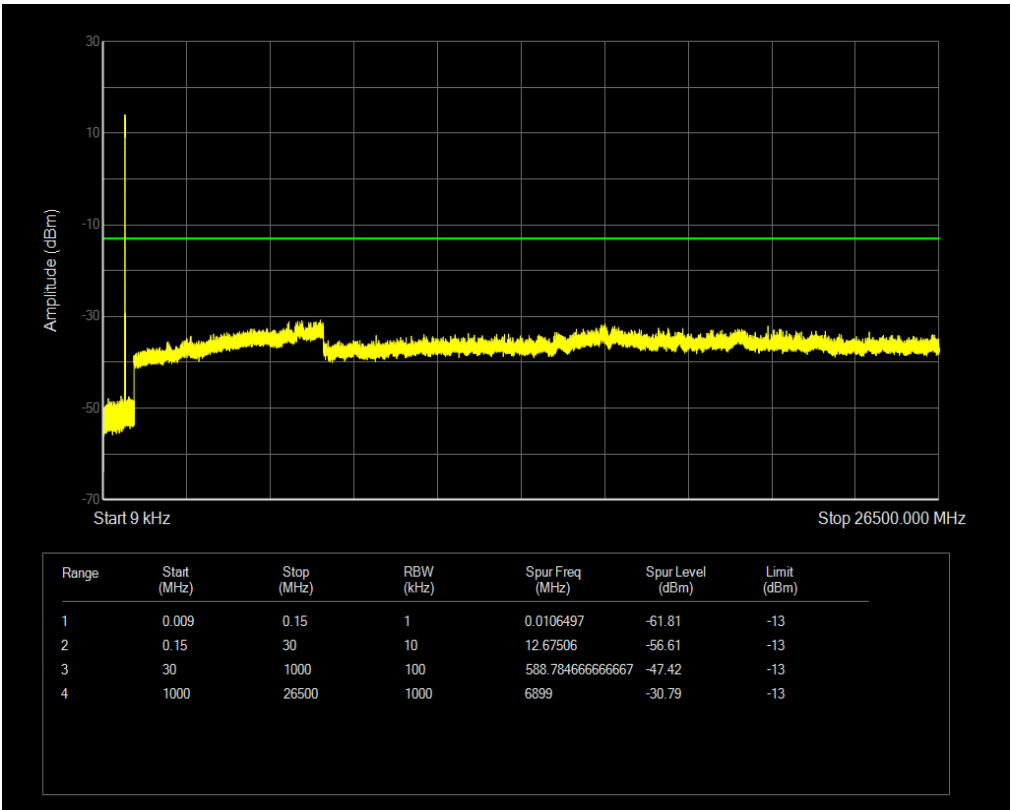
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



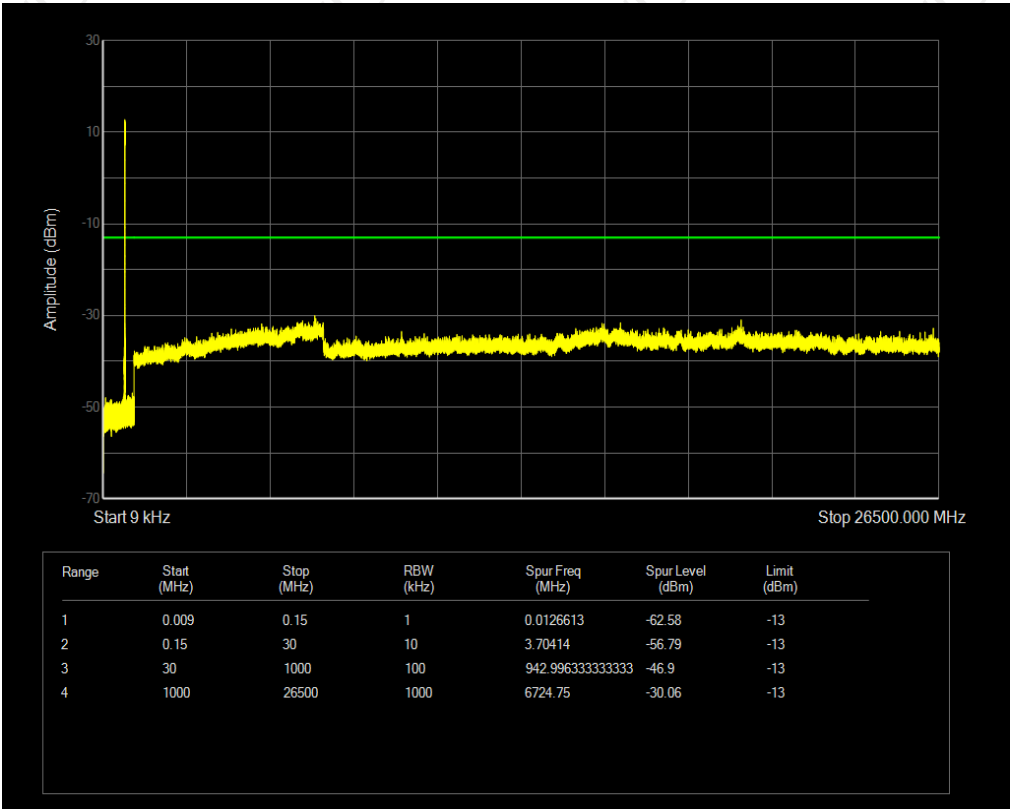
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



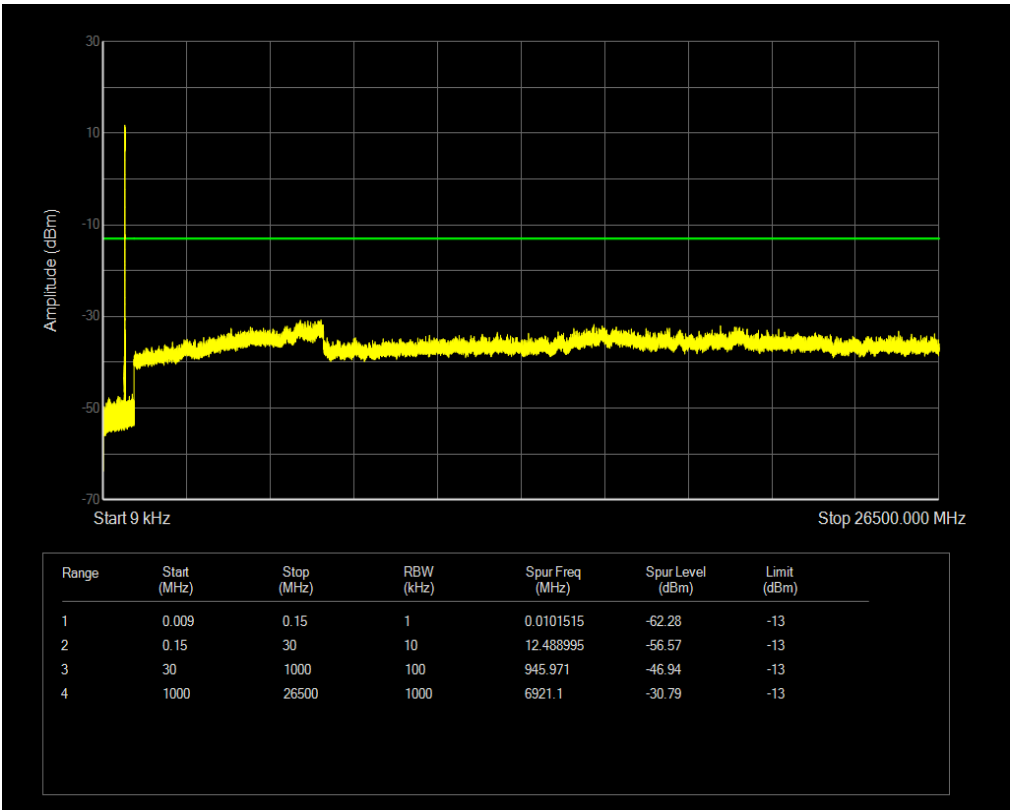
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0



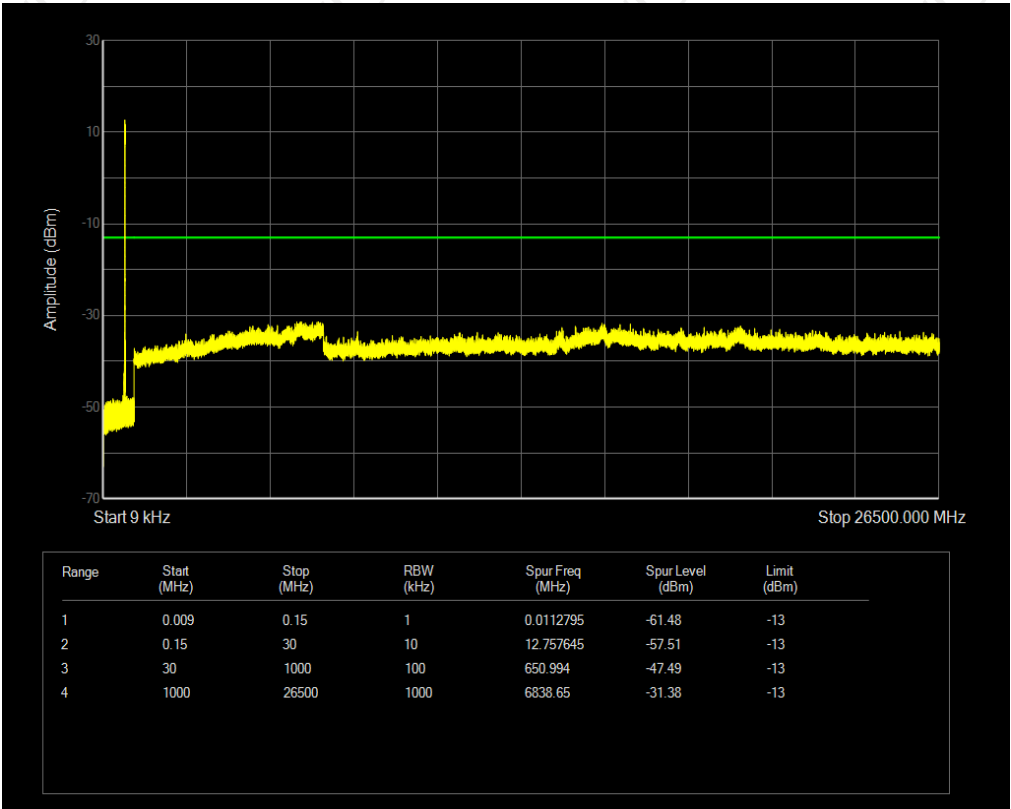
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0



Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0



Band17 16QAM BW=10MHz Channel=23800 RB Size=50 Position=#0

