

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	21.97	-0.25	19.57	PASS
Band17	5	23755	1	#Mid	QPSK	22.98	-0.25	20.58	PASS
Band17	5	23755	1	#Max	QPSK	22.77	-0.25	20.37	PASS
Band17	5	23755	12	#0	QPSK	21.64	-0.25	19.24	PASS
Band17	5	23755	12	#Mid	QPSK	21.81	-0.25	19.41	PASS
Band17	5	23755	12	#Max	QPSK	21.74	-0.25	19.34	PASS
Band17	5	23755	25	#0	QPSK	21.76	-0.25	19.36	PASS
Band17	5	23755	1	#0	16QAM	21.77	-0.25	19.37	PASS
Band17	5	23755	1	#Mid	16QAM	22.00	-0.25	19.60	PASS
Band17	5	23755	1	#Max	16QAM	21.95	-0.25	19.55	PASS
Band17	5	23755	12	#0	16QAM	20.70	-0.25	18.30	PASS
Band17	5	23755	12	#Mid	16QAM	20.74	-0.25	18.34	PASS
Band17	5	23755	12	#Max	16QAM	20.81	-0.25	18.41	PASS
Band17	5	23755	25	#0	16QAM	20.70	-0.25	18.30	PASS
Band17	5	23790	1	#0	QPSK	22.70	-0.25	20.30	PASS
Band17	5	23790	1	#Mid	QPSK	22.83	-0.25	20.43	PASS
Band17	5	23790	1	#Max	QPSK	22.63	-0.25	20.23	PASS
Band17	5	23790	12	#0	QPSK	21.91	-0.25	19.51	PASS
Band17	5	23790	12	#Mid	QPSK	21.92	-0.25	19.52	PASS
Band17	5	23790	12	#Max	QPSK	21.82	-0.25	19.42	PASS
Band17	5	23790	25	#0	QPSK	21.88	-0.25	19.48	PASS
Band17	5	23790	1	#0	16QAM	22.03	-0.25	19.63	PASS
Band17	5	23790	1	#Mid	16QAM	22.18	-0.25	19.78	PASS
Band17	5	23790	1	#Max	16QAM	22.23	-0.25	19.83	PASS
Band17	5	23790	12	#0	16QAM	20.96	-0.25	18.56	PASS
Band17	5	23790	12	#Mid	16QAM	20.99	-0.25	18.59	PASS
Band17	5	23790	12	#Max	16QAM	20.85	-0.25	18.45	PASS
Band17	5	23790	25	#0	16QAM	20.91	-0.25	18.51	PASS
Band17	5	23825	1	#0	QPSK	22.76	-0.25	20.36	PASS
Band17	5	23825	1	#Mid	QPSK	22.70	-0.25	20.30	PASS
Band17	5	23825	1	#Max	QPSK	22.90	-0.25	20.50	PASS
Band17	5	23825	12	#0	QPSK	22.06	-0.25	19.66	PASS
Band17	5	23825	12	#Mid	QPSK	22.03	-0.25	19.63	PASS
Band17	5	23825	12	#Max	QPSK	22.05	-0.25	19.65	PASS
Band17	5	23825	25	#0	QPSK	22.00	-0.25	19.60	PASS
Band17	5	23825	1	#0	16QAM	22.31	-0.25	19.91	PASS
Band17	5	23825	1	#Mid	16QAM	22.38	-0.25	19.98	PASS
Band17	5	23825	1	#Max	16QAM	22.41	-0.25	20.01	PASS
Band17	5	23825	12	#0	16QAM	21.20	-0.25	18.80	PASS

Band17	5	23825	12	#Mid	16QAM	20.99	-0.25	18.59	PASS
Band17	5	23825	12	#Max	16QAM	21.10	-0.25	18.70	PASS
Band17	5	23825	25	#0	16QAM	20.97	-0.25	18.57	PASS
Band17	10	23780	1	#0	QPSK	22.37	-0.25	19.97	PASS
Band17	10	23780	1	#Mid	QPSK	23.64	-0.25	21.24	PASS
Band17	10	23780	1	#Max	QPSK	22.20	-0.25	19.80	PASS
Band17	10	23780	25	#0	QPSK	21.91	-0.25	19.51	PASS
Band17	10	23780	25	#Mid	QPSK	22.06	-0.25	19.66	PASS
Band17	10	23780	25	#Max	QPSK	21.87	-0.25	19.47	PASS
Band17	10	23780	50	#0	QPSK	21.90	-0.25	19.50	PASS
Band17	10	23780	1	#0	16QAM	21.65	-0.25	19.25	PASS
Band17	10	23780	1	#Mid	16QAM	23.11	-0.25	20.71	PASS
Band17	10	23780	1	#Max	16QAM	21.68	-0.25	19.28	PASS
Band17	10	23780	25	#0	16QAM	20.88	-0.25	18.48	PASS
Band17	10	23780	25	#Mid	16QAM	20.91	-0.25	18.51	PASS
Band17	10	23780	25	#Max	16QAM	20.83	-0.25	18.43	PASS
Band17	10	23780	50	#0	16QAM	20.85	-0.25	18.45	PASS
Band17	10	23790	1	#0	QPSK	22.28	-0.25	19.88	PASS
Band17	10	23790	1	#Mid	QPSK	23.61	-0.25	21.21	PASS
Band17	10	23790	1	#Max	QPSK	22.29	-0.25	19.89	PASS
Band17	10	23790	25	#0	QPSK	22.03	-0.25	19.63	PASS
Band17	10	23790	25	#Mid	QPSK	21.98	-0.25	19.58	PASS
Band17	10	23790	25	#Max	QPSK	21.83	-0.25	19.43	PASS
Band17	10	23790	50	#0	QPSK	21.91	-0.25	19.51	PASS
Band17	10	23790	1	#0	16QAM	21.71	-0.25	19.31	PASS
Band17	10	23790	1	#Mid	16QAM	23.01	-0.25	20.61	PASS
Band17	10	23790	1	#Max	16QAM	21.70	-0.25	19.30	PASS
Band17	10	23790	25	#0	16QAM	20.88	-0.25	18.48	PASS
Band17	10	23790	25	#Mid	16QAM	20.92	-0.25	18.52	PASS
Band17	10	23790	25	#Max	16QAM	20.77	-0.25	18.37	PASS
Band17	10	23790	50	#0	16QAM	20.86	-0.25	18.46	PASS
Band17	10	23800	1	#0	QPSK	22.73	-0.25	20.33	PASS
Band17	10	23800	1	#Mid	QPSK	23.50	-0.25	21.10	PASS
Band17	10	23800	1	#Max	QPSK	21.92	-0.25	19.52	PASS
Band17	10	23800	25	#0	QPSK	22.18	-0.25	19.78	PASS
Band17	10	23800	25	#Mid	QPSK	21.98	-0.25	19.58	PASS
Band17	10	23800	25	#Max	QPSK	21.83	-0.25	19.43	PASS
Band17	10	23800	50	#0	QPSK	21.90	-0.25	19.50	PASS
Band17	10	23800	1	#0	16QAM	22.25	-0.25	19.85	PASS
Band17	10	23800	1	#Mid	16QAM	22.97	-0.25	20.57	PASS
Band17	10	23800	1	#Max	16QAM	21.54	-0.25	19.14	PASS
Band17	10	23800	25	#0	16QAM	21.14	-0.25	18.74	PASS
Band17	10	23800	25	#Mid	16QAM	21.05	-0.25	18.65	PASS

Band17	10	23800	25	#Max	16QAM	20.98	-0.25	18.58	PASS
Band17	10	23800	50	#0	16QAM	20.85	-0.25	18.45	PASS

2 Frequency stability

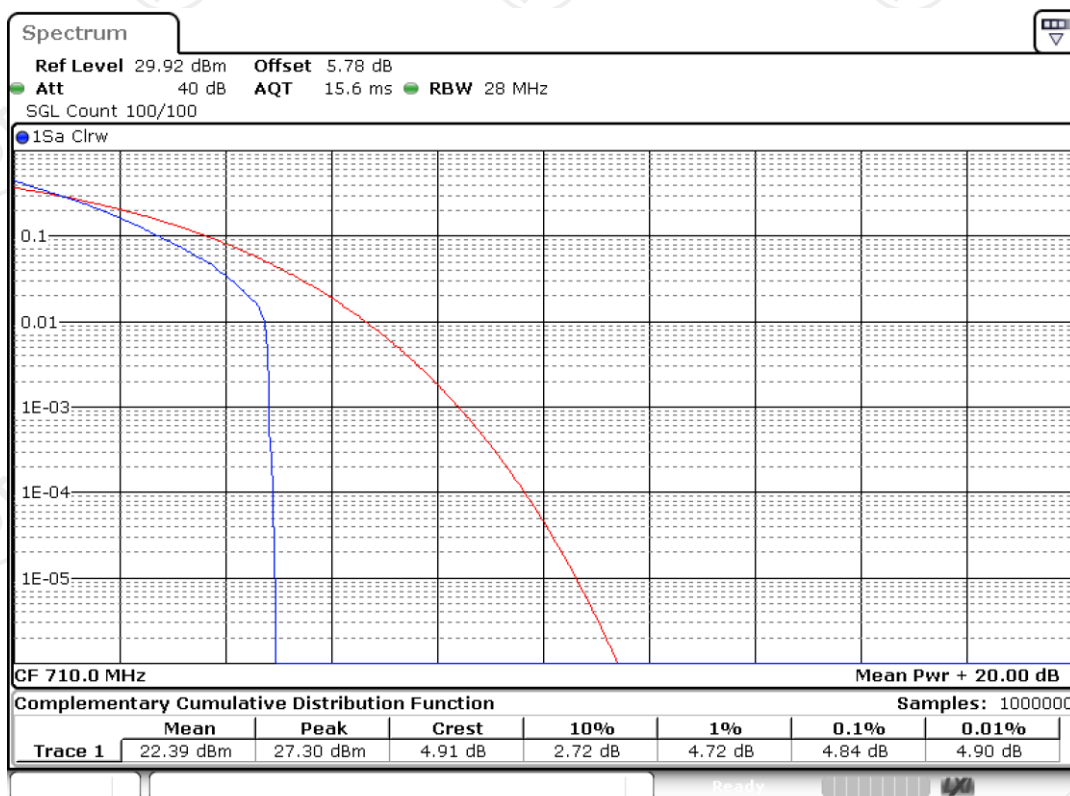
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band17	5	23755	25	#0	QPSK	VL	NT	-1.00	-0.001	±2.5	PASS
Band17	5	23755	25	#0	QPSK	VN	NT	-2.30	-0.003	±2.5	PASS
Band17	5	23755	25	#0	QPSK	VH	NT	-2.50	-0.004	±2.5	PASS
Band17	5	23755	25	#0	QPSK	NV	-30	-3.80	-0.005	±2.5	PASS
Band17	5	23755	25	#0	QPSK	NV	-20	-2.20	-0.003	±2.5	PASS
Band17	5	23755	25	#0	QPSK	NV	-10	-3.30	-0.005	±2.5	PASS
Band17	5	23755	25	#0	QPSK	NV	0	-0.60	-0.001	±2.5	PASS
Band17	5	23755	25	#0	QPSK	NV	10	-1.80	-0.003	±2.5	PASS
Band17	5	23755	25	#0	QPSK	NV	20	-2.20	-0.003	±2.5	PASS
Band17	5	23755	25	#0	16QAM	VL	NT	-2.20	-0.003	±2.5	PASS
Band17	5	23755	25	#0	16QAM	VN	NT	-2.30	-0.003	±2.5	PASS
Band17	5	23755	25	#0	16QAM	VH	NT	-2.30	-0.003	±2.5	PASS
Band17	5	23755	25	#0	16QAM	NV	-30	-1.70	-0.002	±2.5	PASS
Band17	5	23755	25	#0	16QAM	NV	-20	-2.10	-0.003	±2.5	PASS
Band17	5	23755	25	#0	16QAM	NV	-10	-3.00	-0.004	±2.5	PASS
Band17	5	23755	25	#0	16QAM	NV	0	-2.00	-0.003	±2.5	PASS
Band17	5	23755	25	#0	16QAM	NV	10	-2.00	-0.003	±2.5	PASS
Band17	5	23755	25	#0	16QAM	NV	20	-2.00	-0.003	±2.5	PASS
Band17	5	23790	25	#0	QPSK	VL	NT	0.20	0.000	±2.5	PASS
Band17	5	23790	25	#0	QPSK	VN	NT	0.40	0.001	±2.5	PASS
Band17	5	23790	25	#0	QPSK	VH	NT	0.10	0.000	±2.5	PASS
Band17	5	23790	25	#0	QPSK	NV	-30	0.10	0.000	±2.5	PASS
Band17	5	23790	25	#0	QPSK	NV	-20	0.00	0.000	±2.5	PASS
Band17	5	23790	25	#0	QPSK	NV	-10	0.10	0.000	±2.5	PASS
Band17	5	23790	25	#0	QPSK	NV	0	0.10	0.000	±2.5	PASS
Band17	5	23790	25	#0	QPSK	NV	10	-0.50	-0.001	±2.5	PASS
Band17	5	23790	25	#0	QPSK	NV	20	-0.10	0.000	±2.5	PASS
Band17	5	23790	25	#0	16QAM	VL	NT	-0.10	0.000	±2.5	PASS
Band17	5	23790	25	#0	16QAM	VN	NT	-0.50	-0.001	±2.5	PASS
Band17	5	23790	25	#0	16QAM	VH	NT	-0.30	0.000	±2.5	PASS
Band17	5	23790	25	#0	16QAM	NV	-30	-0.60	-0.001	±2.5	PASS
Band17	5	23790	25	#0	16QAM	NV	-20	-0.40	-0.001	±2.5	PASS
Band17	5	23790	25	#0	16QAM	NV	-10	0.70	0.001	±2.5	PASS
Band17	5	23790	25	#0	16QAM	NV	0	-0.30	0.000	±2.5	PASS
Band17	5	23790	25	#0	16QAM	NV	10	0.20	0.000	±2.5	PASS
Band17	5	23790	25	#0	16QAM	NV	20	0.20	0.000	±2.5	PASS
Band17	5	23825	25	#0	QPSK	VL	NT	-2.20	-0.003	±2.5	PASS
Band17	5	23825	25	#0	QPSK	VN	NT	-2.10	-0.003	±2.5	PASS
Band17	5	23825	25	#0	QPSK	VH	NT	-2.40	-0.003	±2.5	PASS

Band17	5	23825	25	#0	QPSK	NV	-30	-2.20	-0.003	±2.5	PASS
Band17	5	23825	25	#0	QPSK	NV	-20	-2.20	-0.003	±2.5	PASS
Band17	5	23825	25	#0	QPSK	NV	-10	-2.40	-0.003	±2.5	PASS
Band17	5	23825	25	#0	QPSK	NV	0	-0.80	-0.001	±2.5	PASS
Band17	5	23825	25	#0	QPSK	NV	10	-0.20	0.000	±2.5	PASS
Band17	5	23825	25	#0	QPSK	NV	20	-0.40	-0.001	±2.5	PASS
Band17	5	23825	25	#0	16QAM	VL	NT	-0.70	-0.001	±2.5	PASS
Band17	5	23825	25	#0	16QAM	VN	NT	0.00	0.000	±2.5	PASS
Band17	5	23825	25	#0	16QAM	VH	NT	-0.80	-0.001	±2.5	PASS
Band17	5	23825	25	#0	16QAM	NV	-30	-0.60	-0.001	±2.5	PASS
Band17	5	23825	25	#0	16QAM	NV	-20	-2.90	-0.004	±2.5	PASS
Band17	5	23825	25	#0	16QAM	NV	-10	-2.20	-0.003	±2.5	PASS
Band17	5	23825	25	#0	16QAM	NV	0	-2.60	-0.004	±2.5	PASS
Band17	5	23825	25	#0	16QAM	NV	10	-2.20	-0.003	±2.5	PASS
Band17	5	23825	25	#0	16QAM	NV	20	-1.90	-0.003	±2.5	PASS

3 Peak-to-Average Ratio

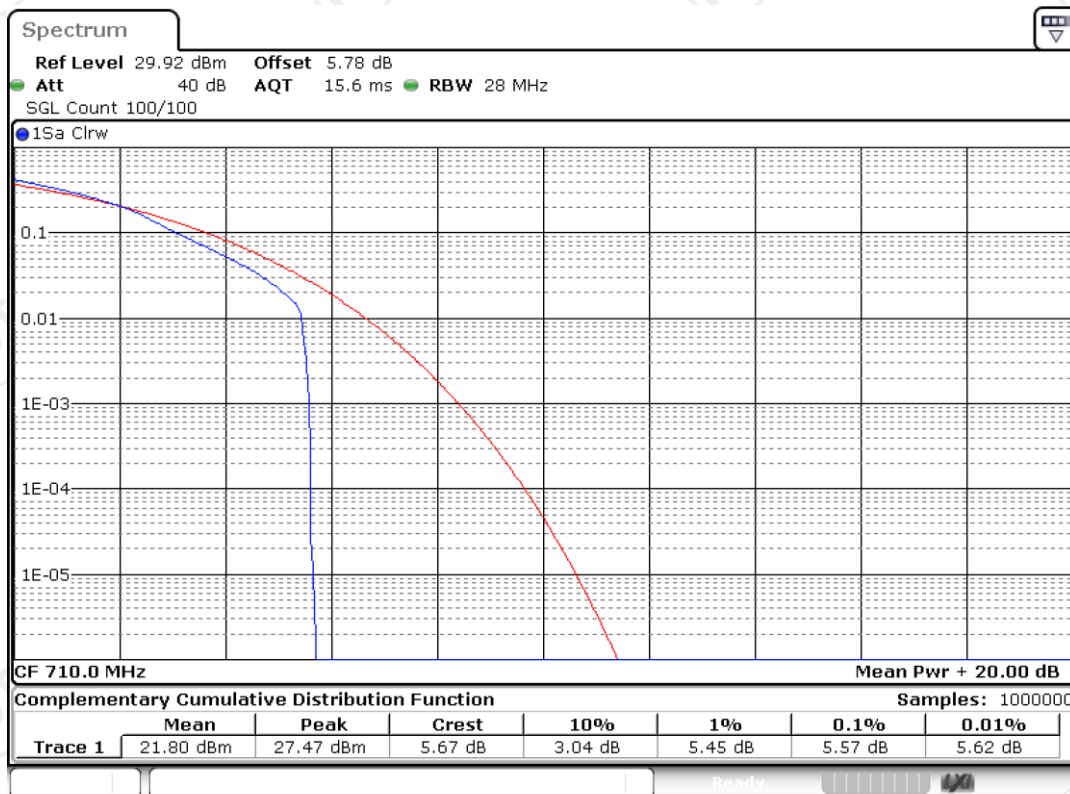
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band17	5	23755	1	#0	QPSK	5.01	13	PASS
Band17	5	23755	1	#0	16QAM	5.74	13	PASS
Band17	5	23790	1	#0	QPSK	4.84	13	PASS
Band17	5	23790	1	#0	16QAM	5.57	13	PASS
Band17	5	23825	1	#0	QPSK	4.55	13	PASS
Band17	5	23825	1	#0	16QAM	5.28	13	PASS
Band17	10	23780	1	#0	QPSK	5.01	13	PASS
Band17	10	23780	1	#0	16QAM	5.74	13	PASS
Band17	10	23790	1	#0	QPSK	5.01	13	PASS
Band17	10	23790	1	#0	16QAM	5.74	13	PASS
Band17	10	23800	1	#0	QPSK	4.93	13	PASS
Band17	10	23800	1	#0	16QAM	5.74	13	PASS

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



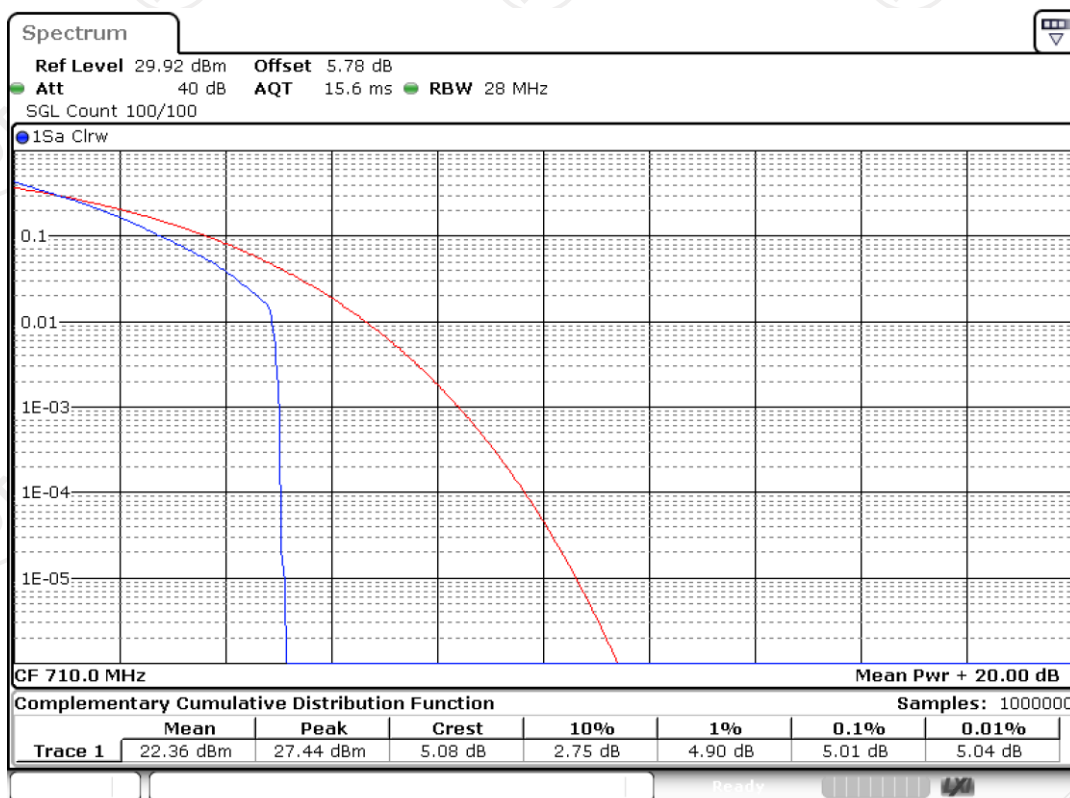
Date: 9.JUN.2023 13:13:36

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



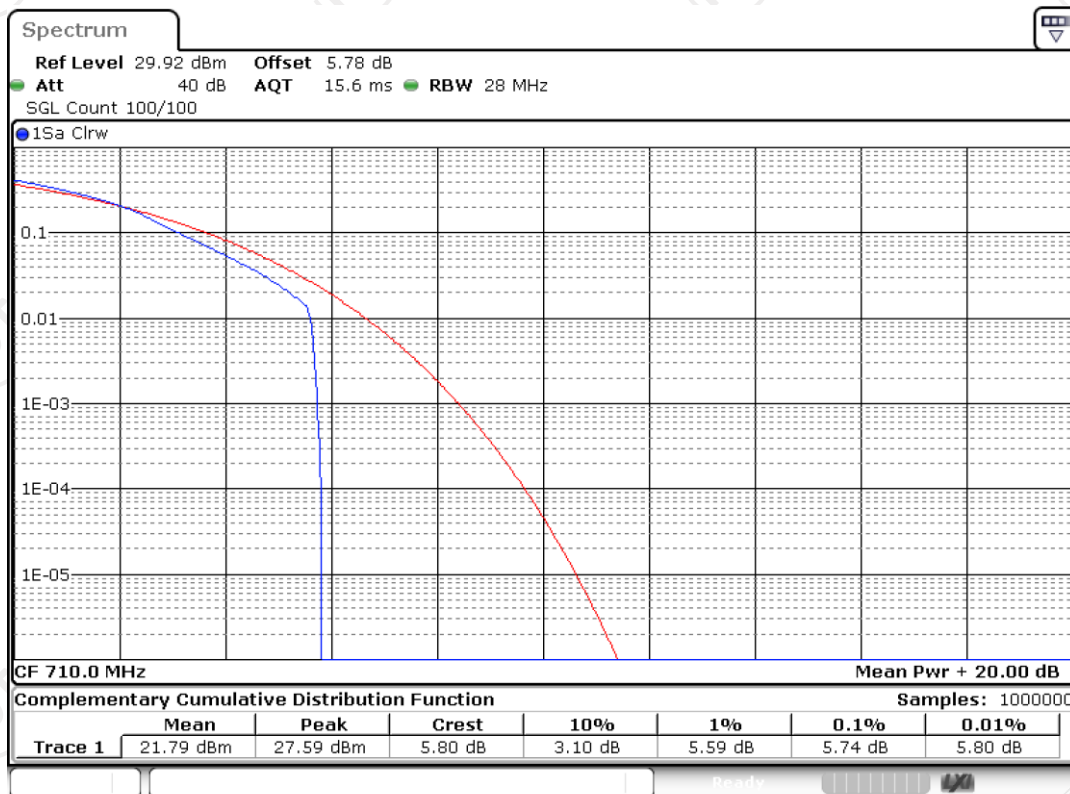
Date: 9.JUN.2023 13:13:43

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



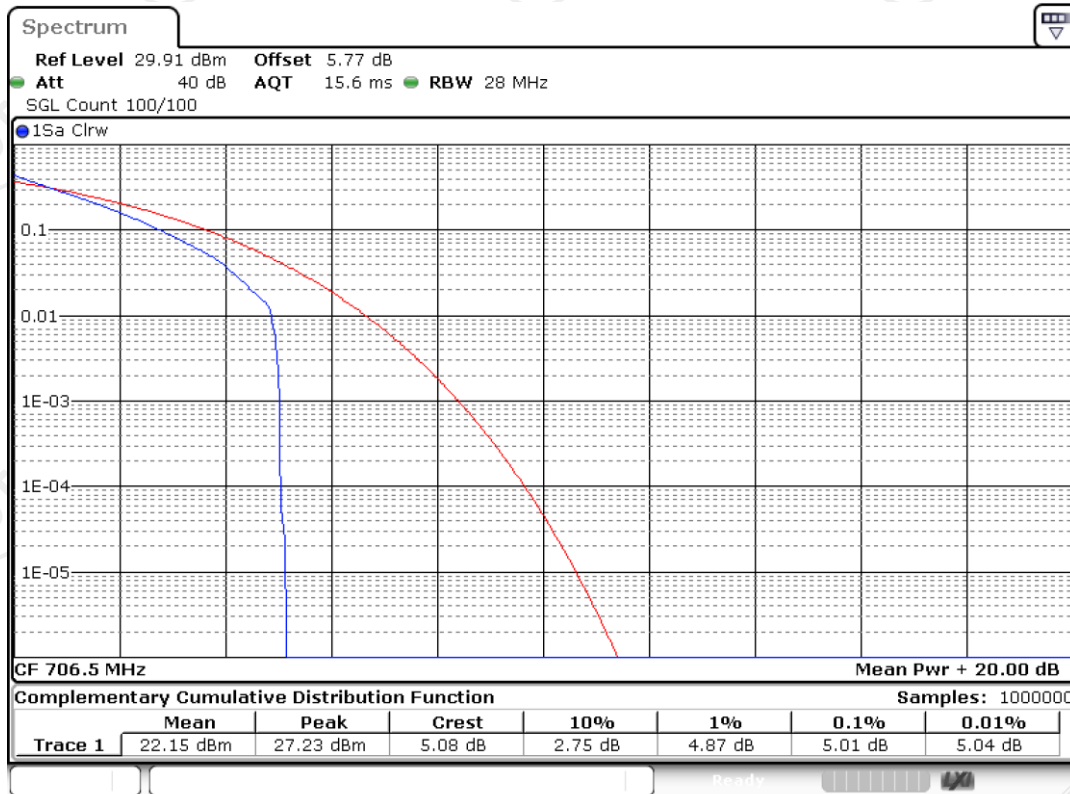
Date: 9.JUN.2023 13:14:18

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



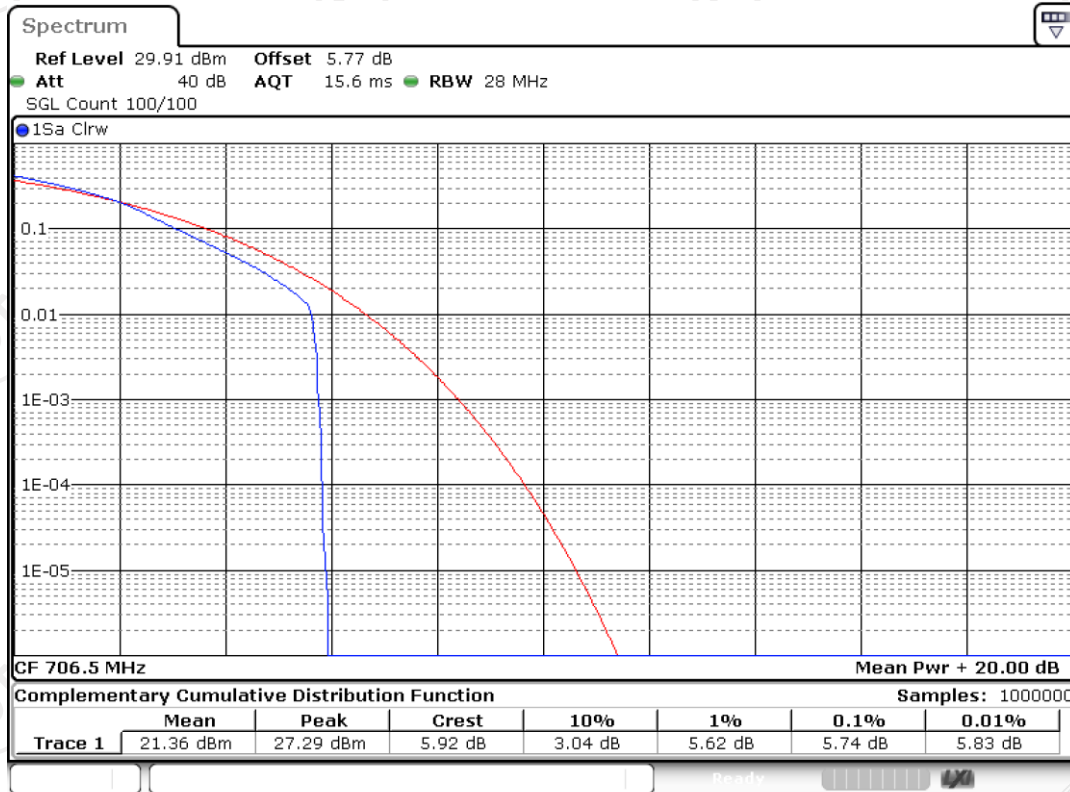
Date: 9.JUN.2023 13:14:25

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



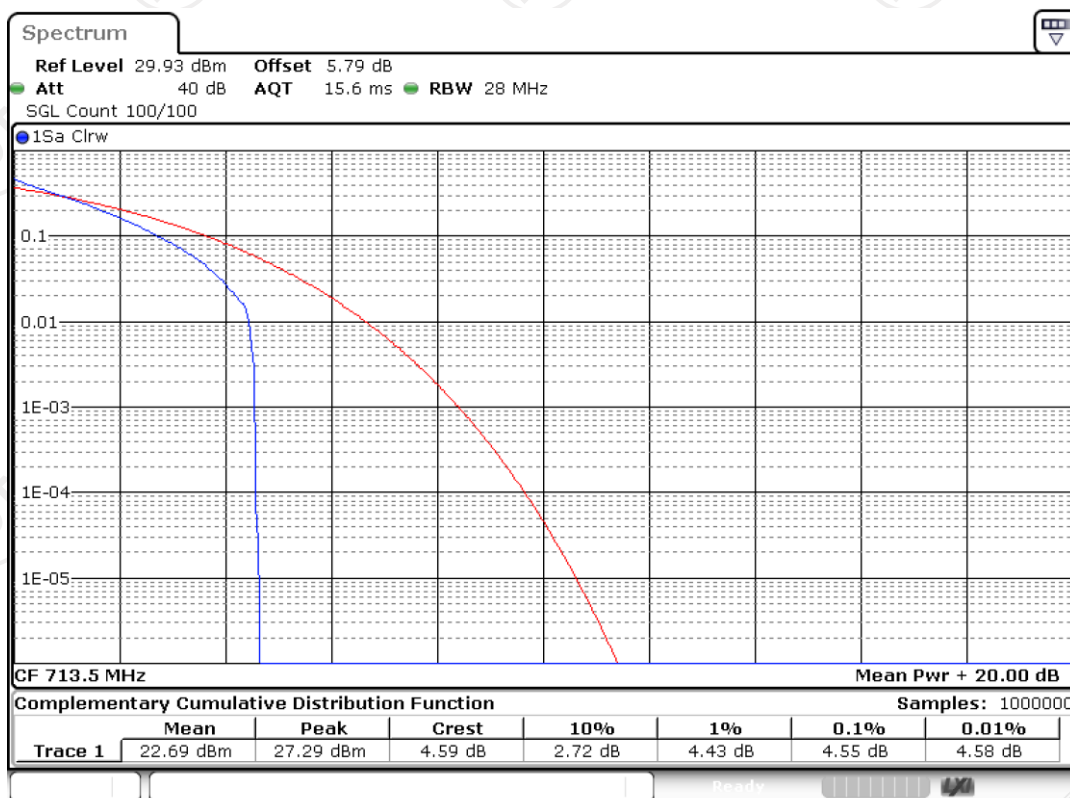
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Band17 16QAM BW=5MHz Channel=23755 RB Size=1 Position=#0



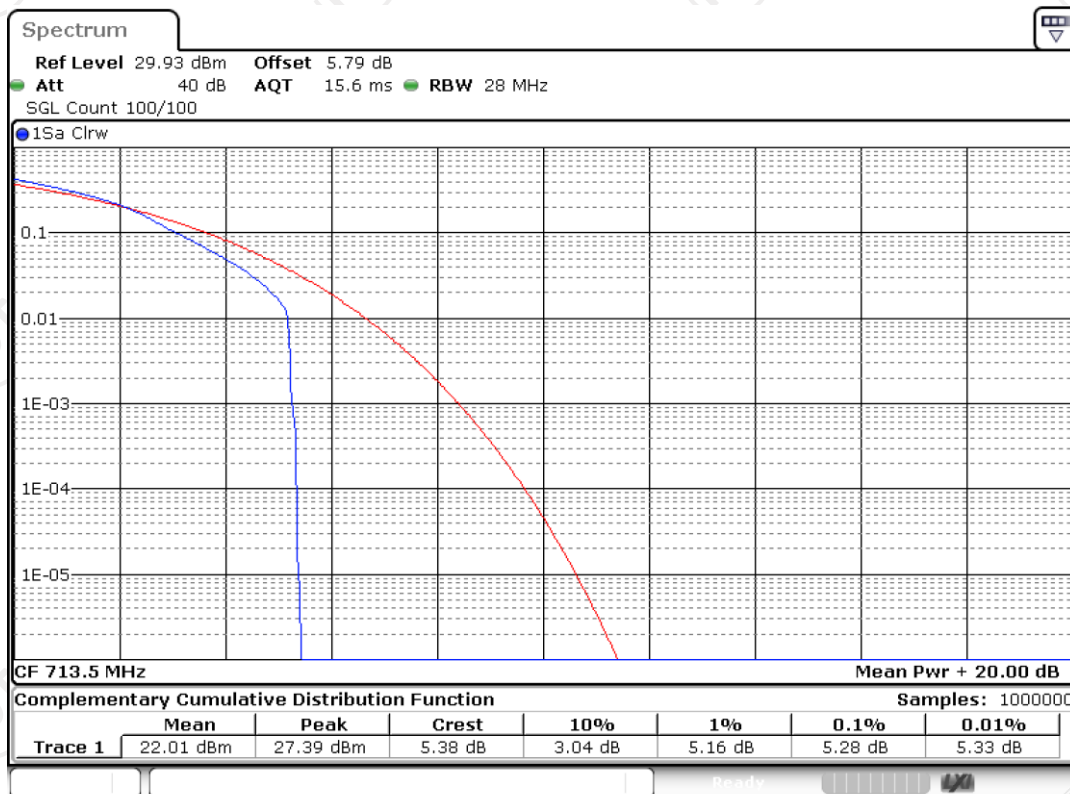
Date: 9.JUN.2023 13:13:29

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



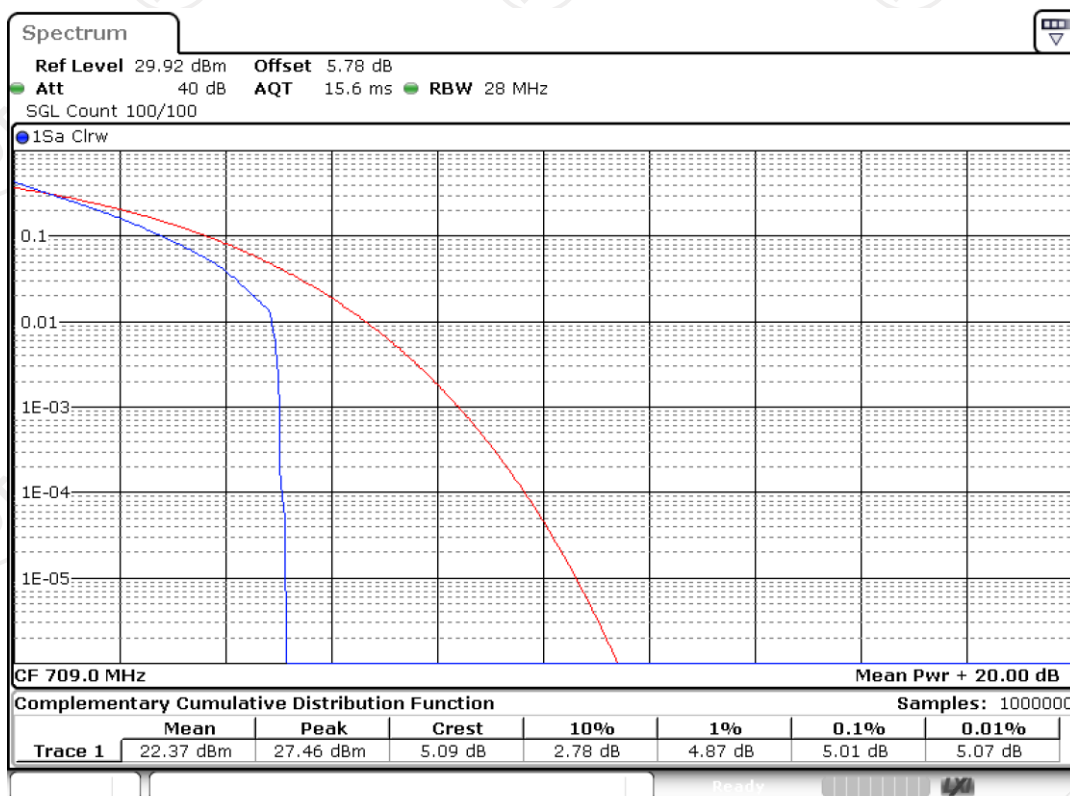
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Band17 16QAM BW=5MHz Channel=23825 RB Size=1 Position=#0



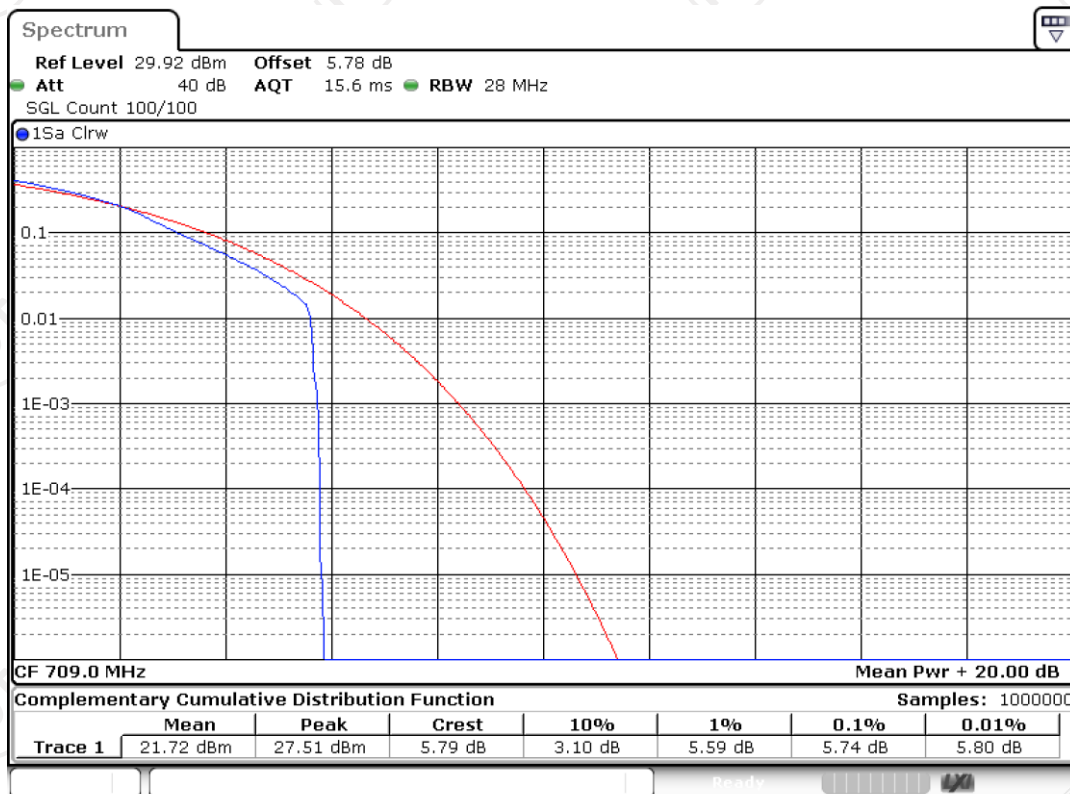
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Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0



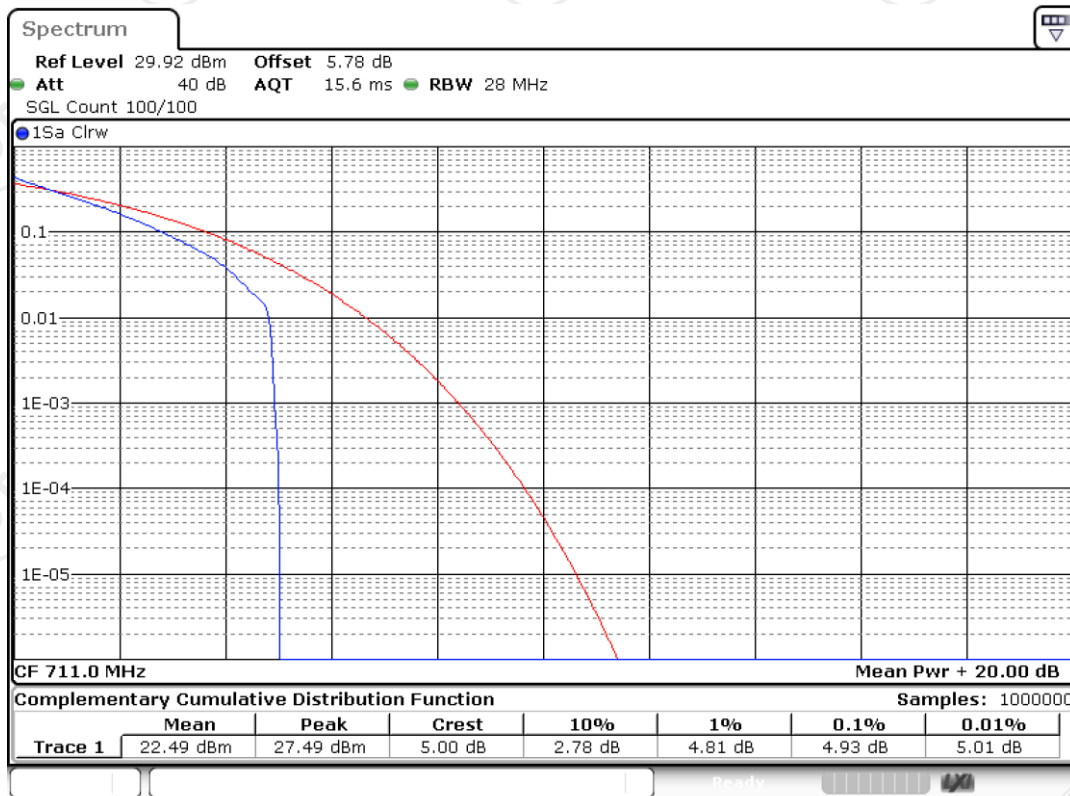
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Band17 16QAM BW=10MHz Channel=23780 RB Size=1 Position=#0



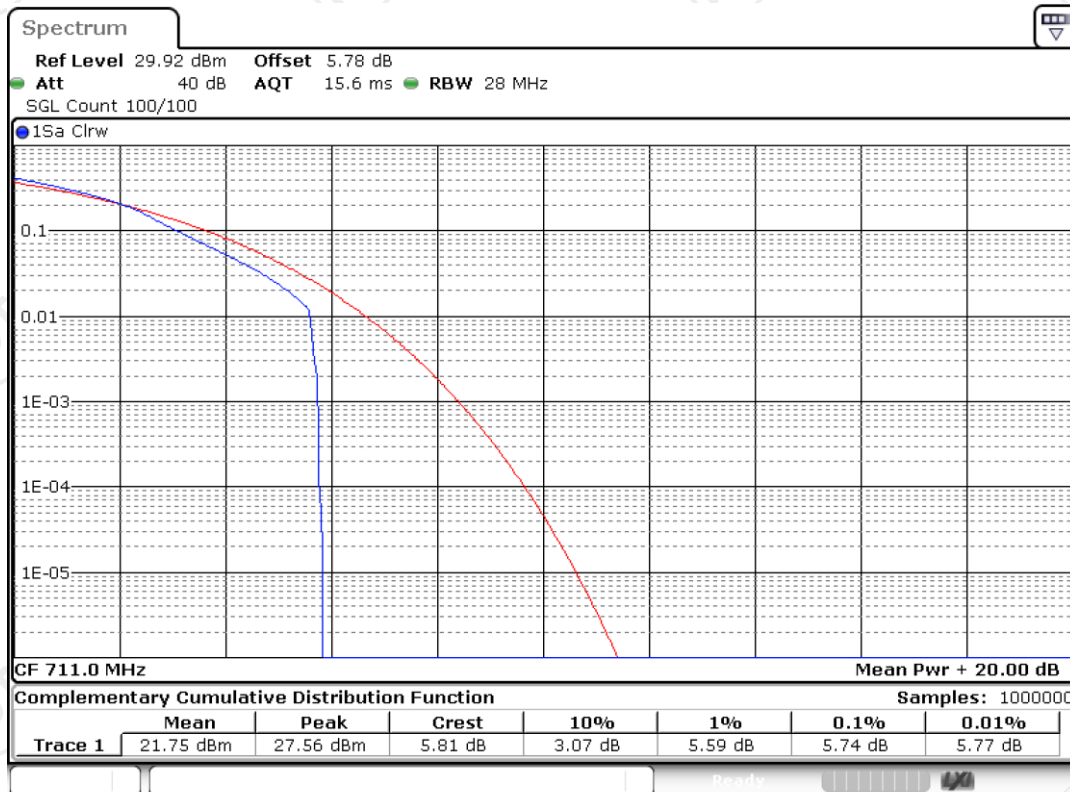
Date: 9.JUN.2023 13:14:11

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



Date: 9.JUN.2023 13:14:32

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

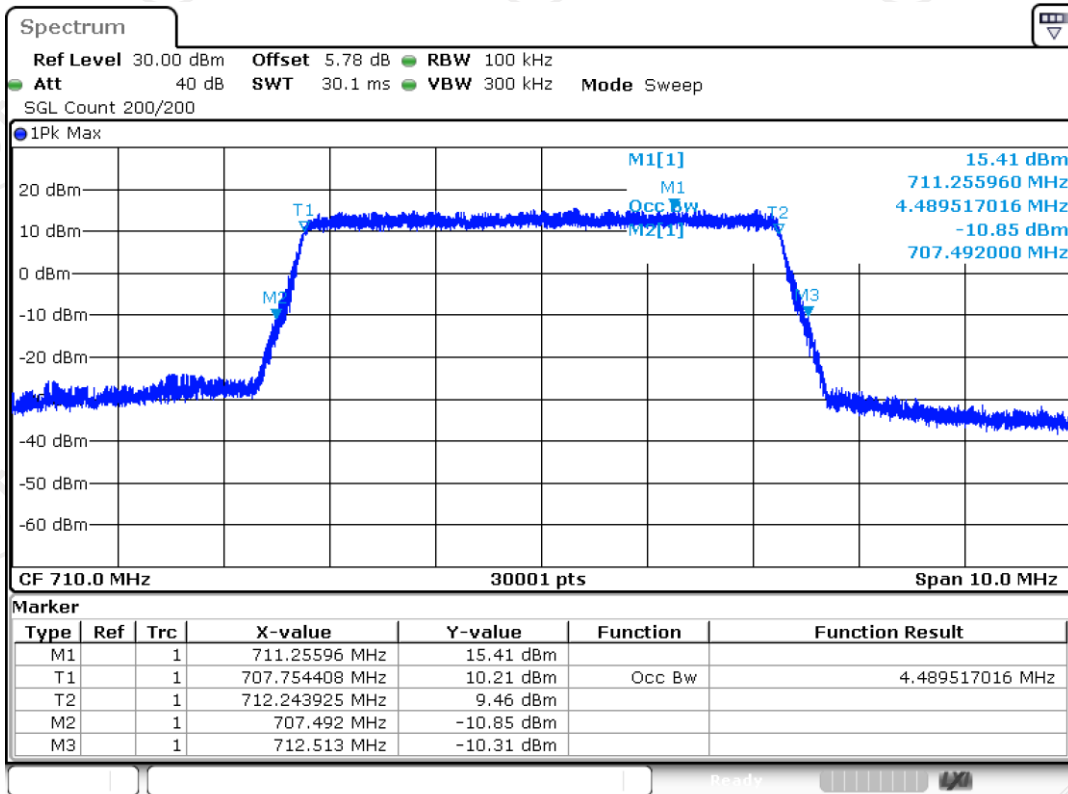


Date: 9.JUN.2023 13:14:39

4 Occupied bandwidth

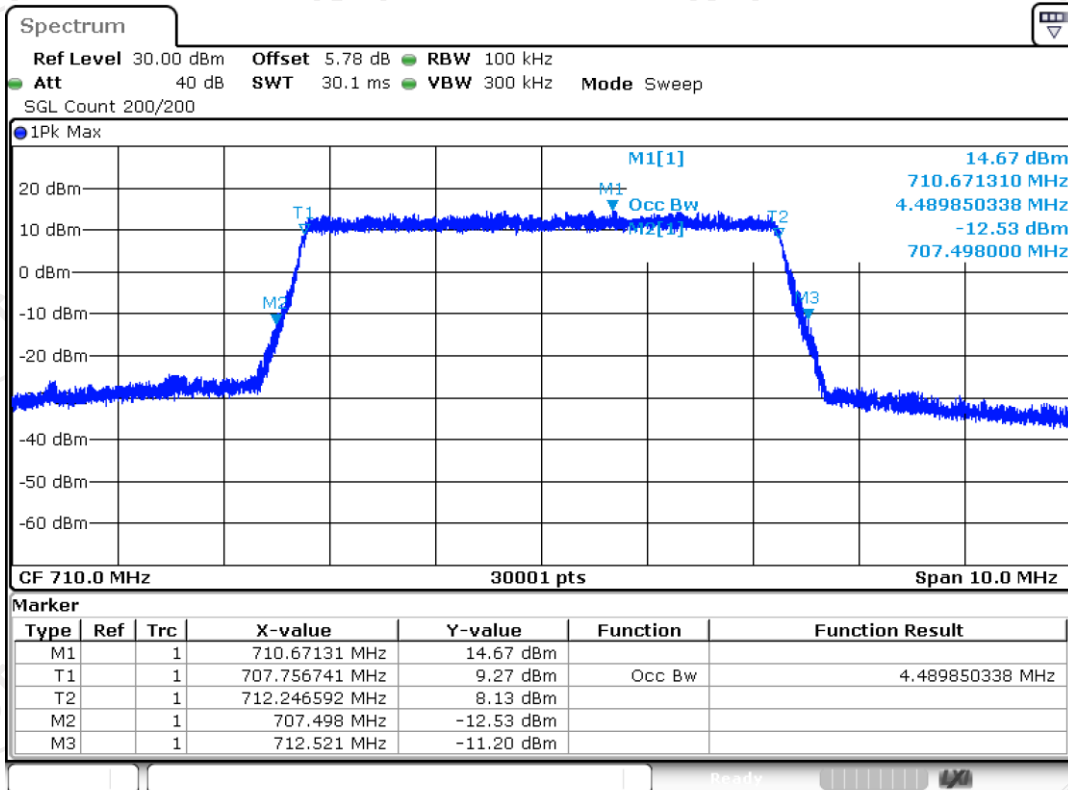
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band17	5	23755	25	#0	QPSK	4.494	5.046	PASS
Band17	5	23755	25	#0	16QAM	4.494	5.035	PASS
Band17	5	23790	25	#0	QPSK	4.490	5.021	PASS
Band17	5	23790	25	#0	16QAM	4.490	5.023	PASS
Band17	5	23825	25	#0	QPSK	4.493	5.025	PASS
Band17	5	23825	25	#0	16QAM	4.495	5.033	PASS
Band17	10	23780	50	#0	QPSK	8.956	9.871	PASS
Band17	10	23780	50	#0	16QAM	8.945	9.833	PASS
Band17	10	23790	50	#0	QPSK	8.958	9.884	PASS
Band17	10	23790	50	#0	16QAM	8.937	9.777	PASS
Band17	10	23800	50	#0	QPSK	8.960	9.872	PASS
Band17	10	23800	50	#0	16QAM	8.940	9.837	PASS

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



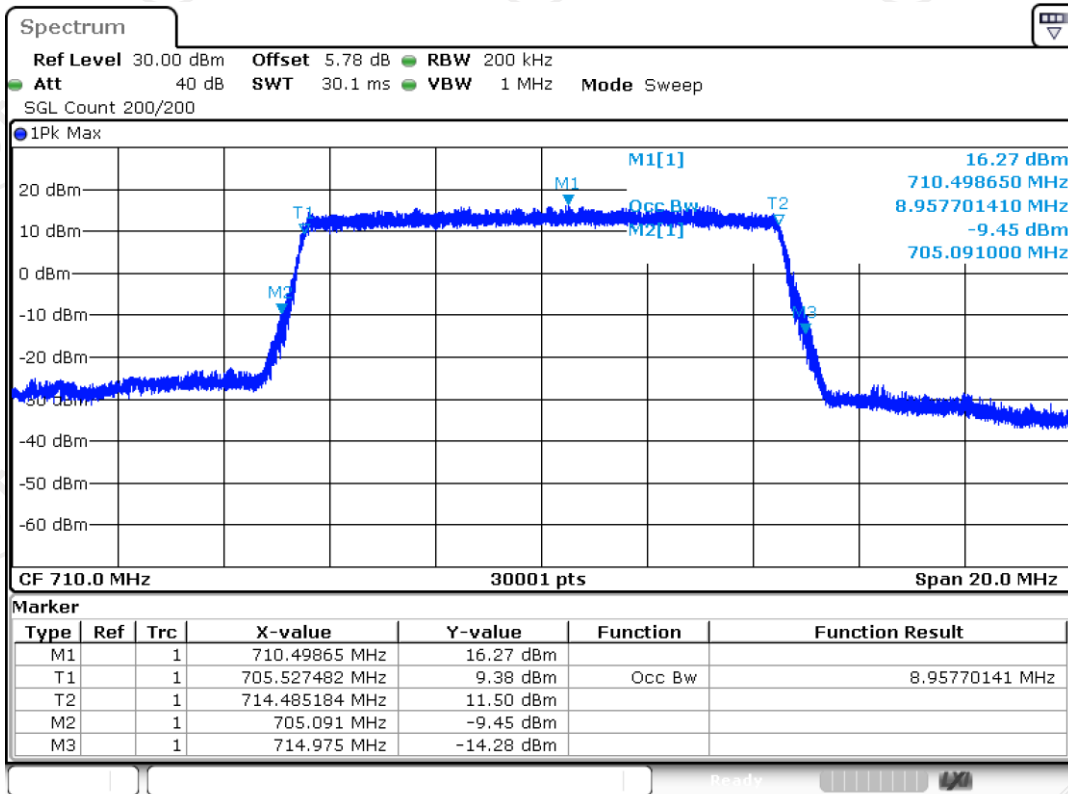
Date: 9.JUN.2023 13:15:43

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



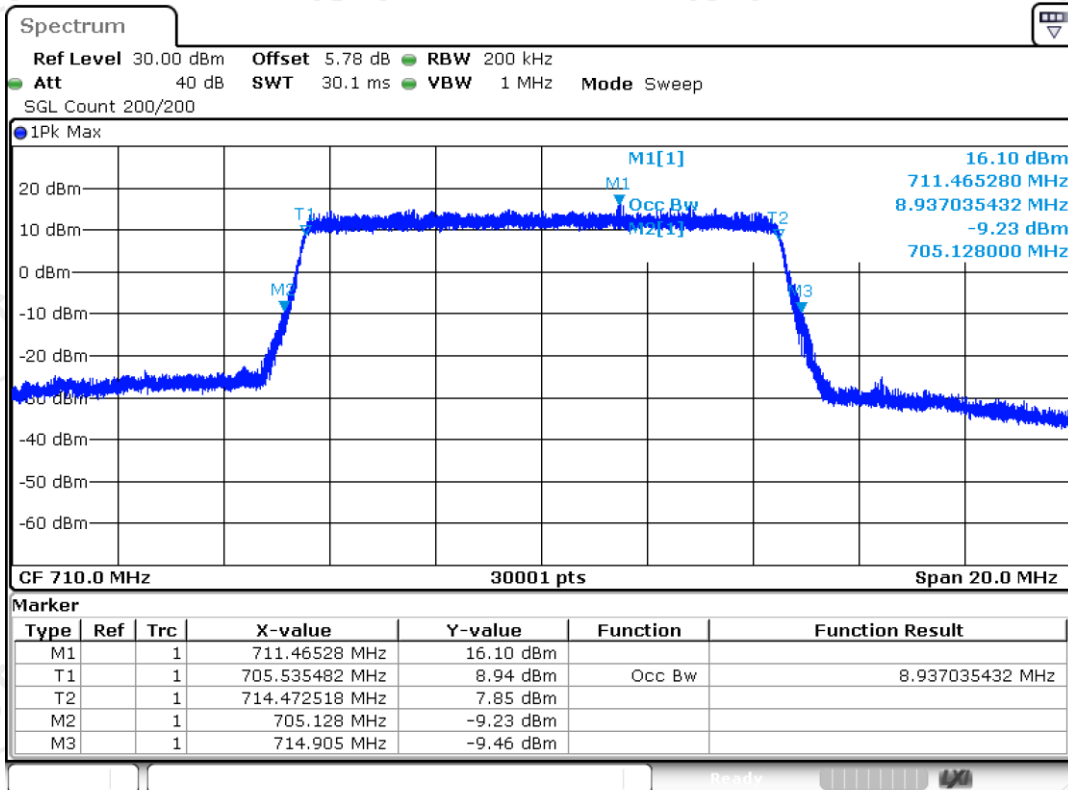
Date: 9.JUN.2023 13:16:00

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



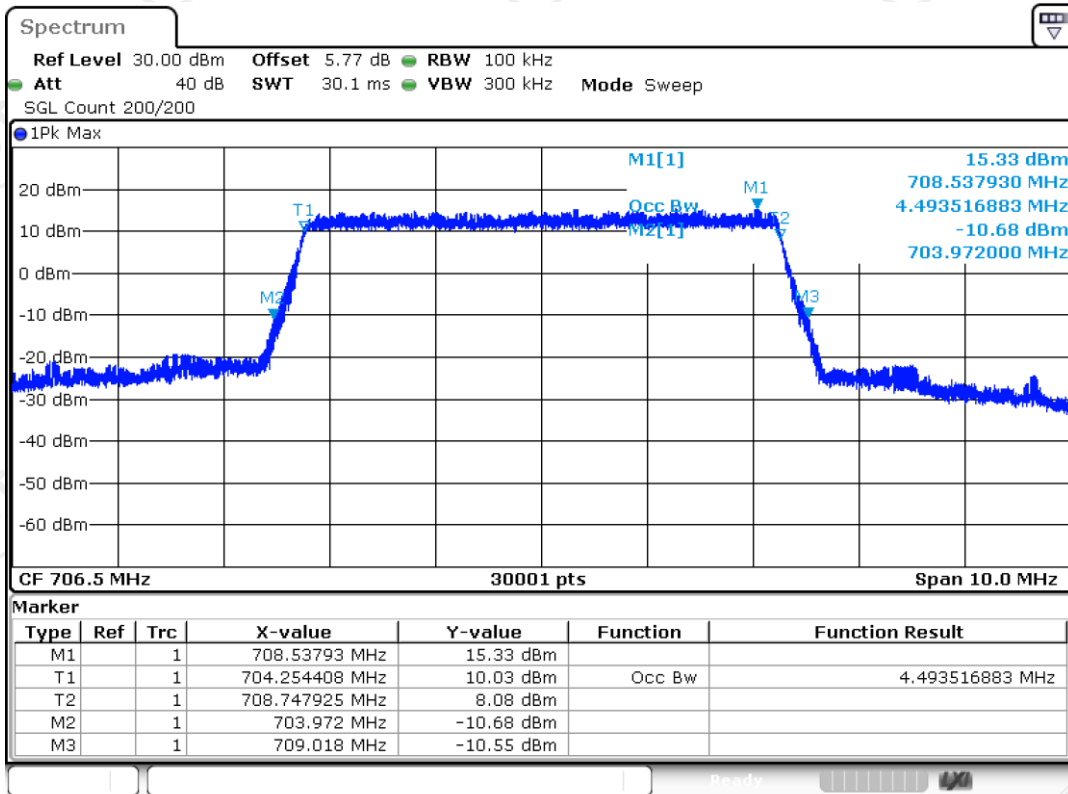
Date: 9.JUN.2023 13:17:31

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



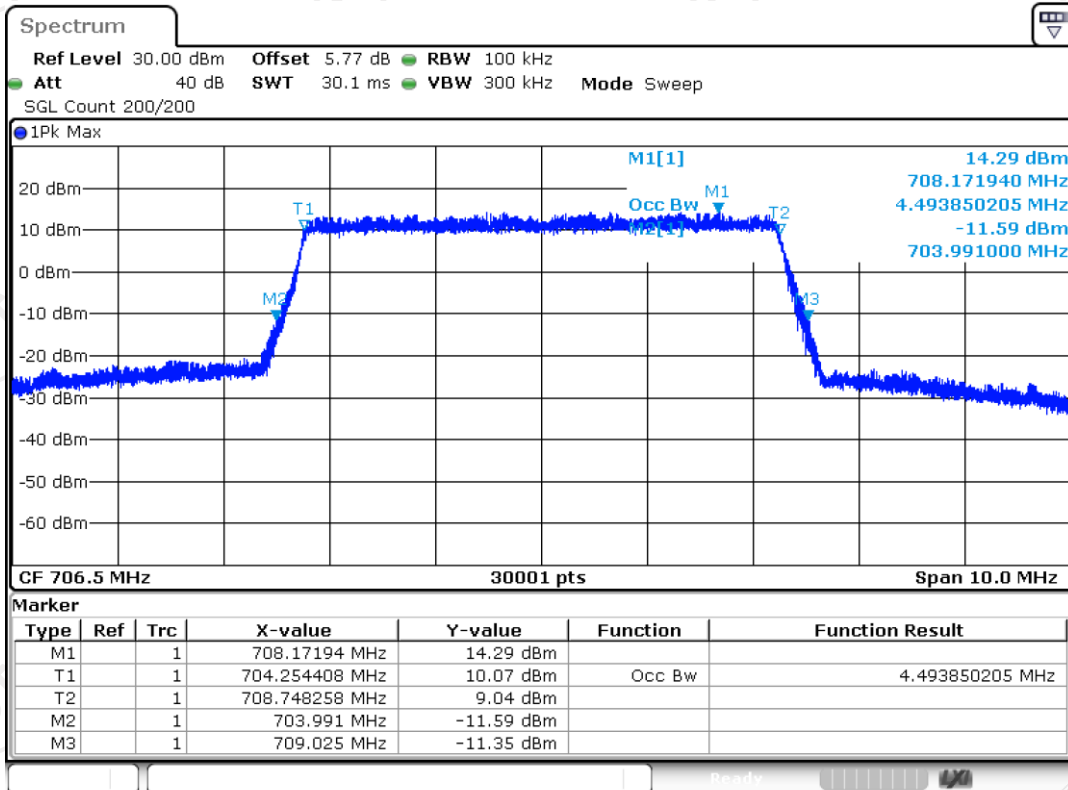
Date: 9.JUN.2023 13:17:49

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



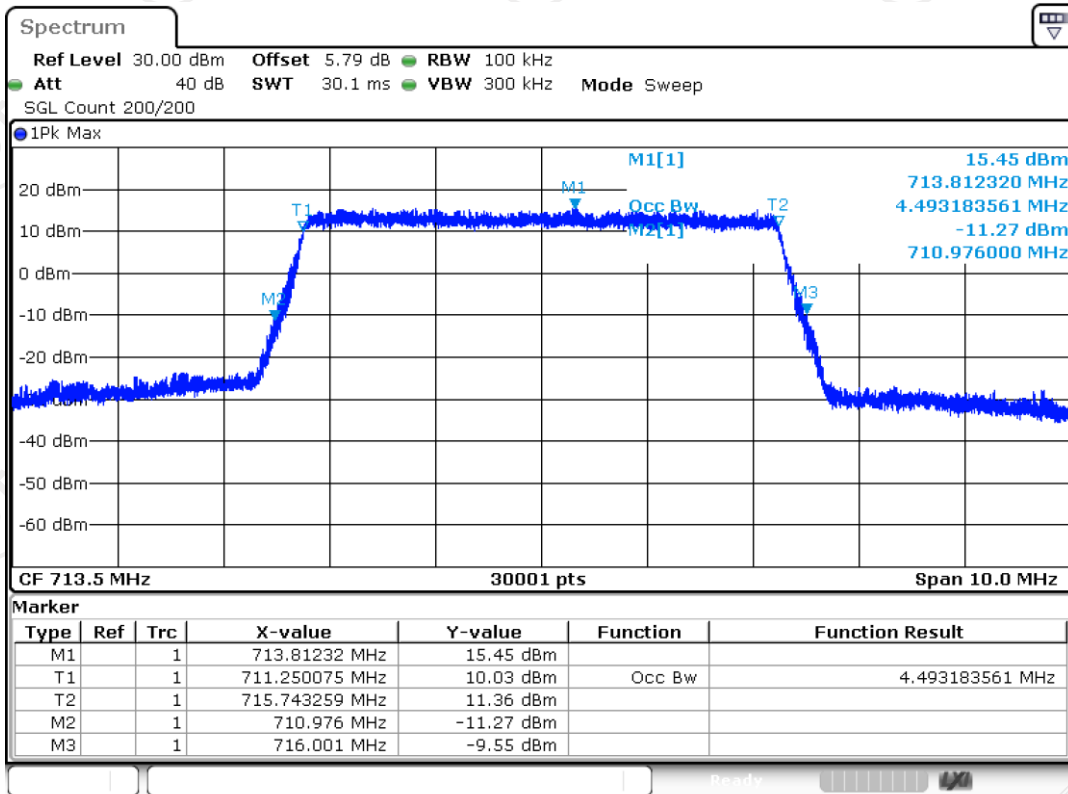
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Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



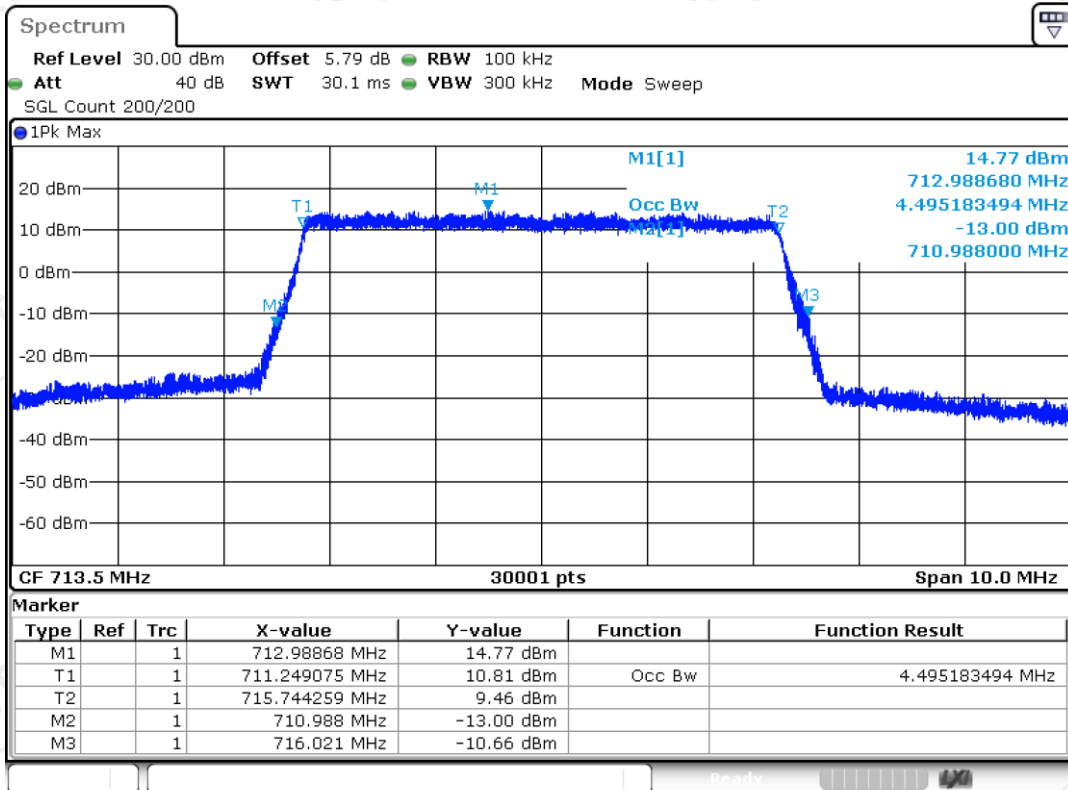
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Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



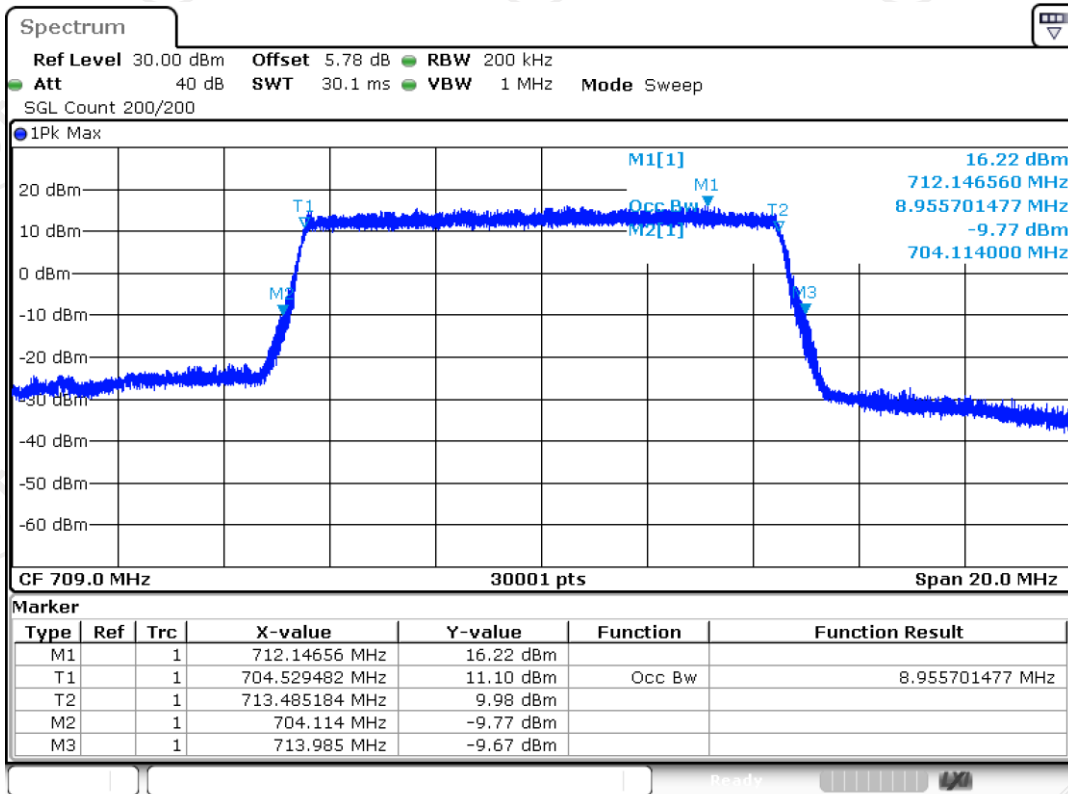
Date: 9.JUN.2023 13:16:18

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



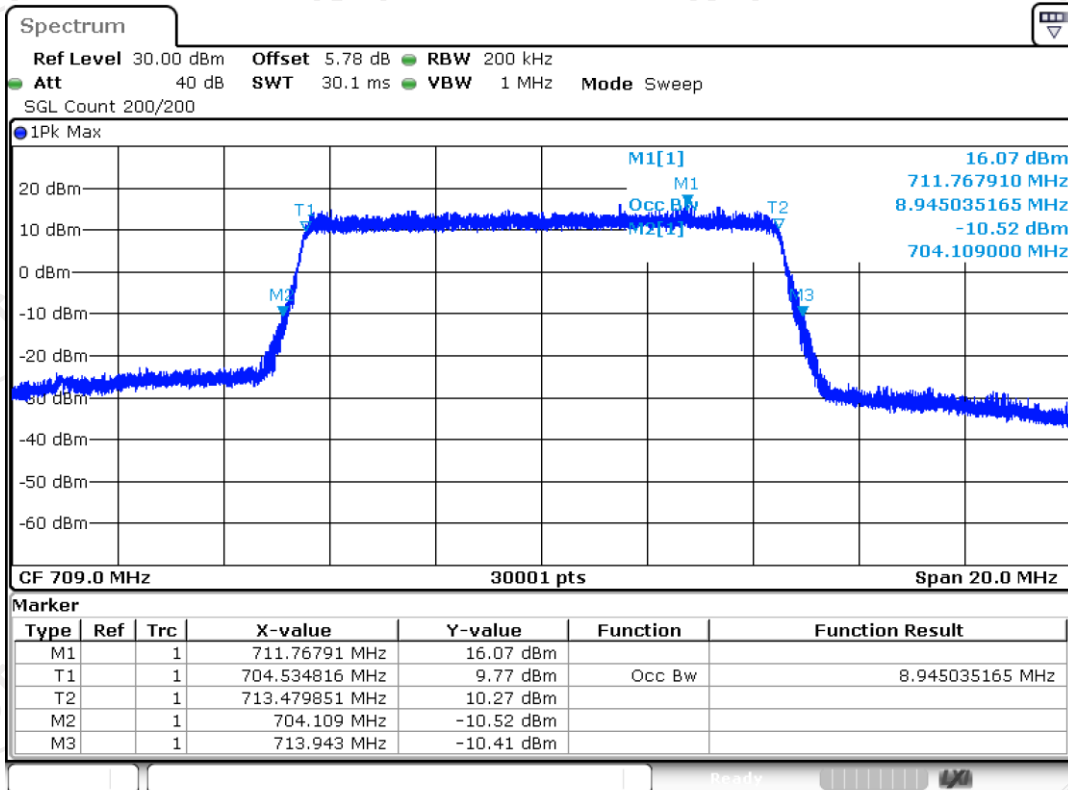
Date: 9.JUN.2023 13:16:35

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



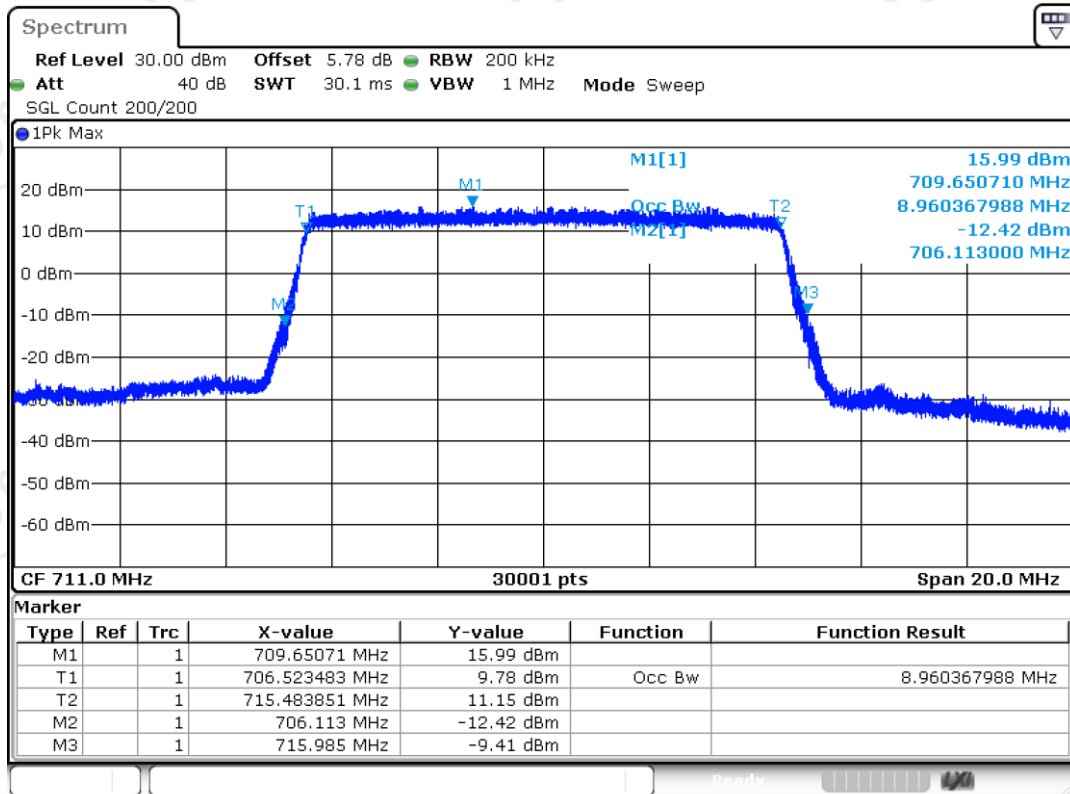
Date: 9.JUN.2023 13:16:54

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



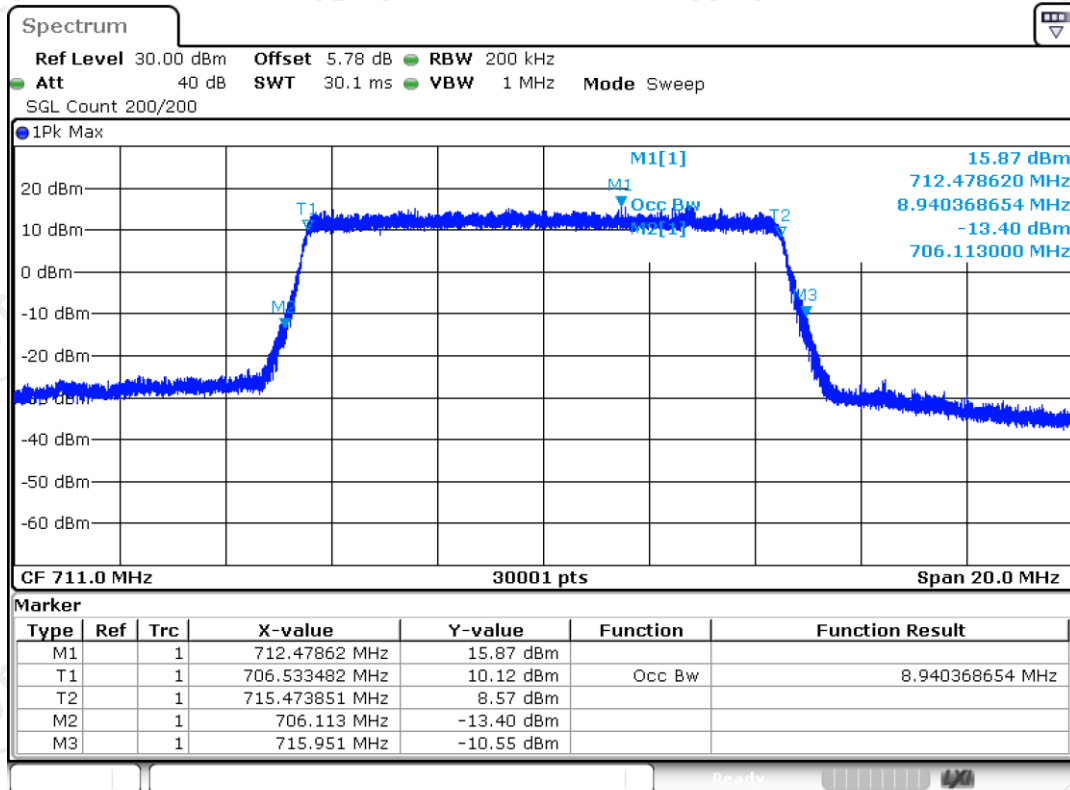
Date: 9.JUN.2023 13:17:12

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



Date: 9.JUN.2023 13:18:08

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

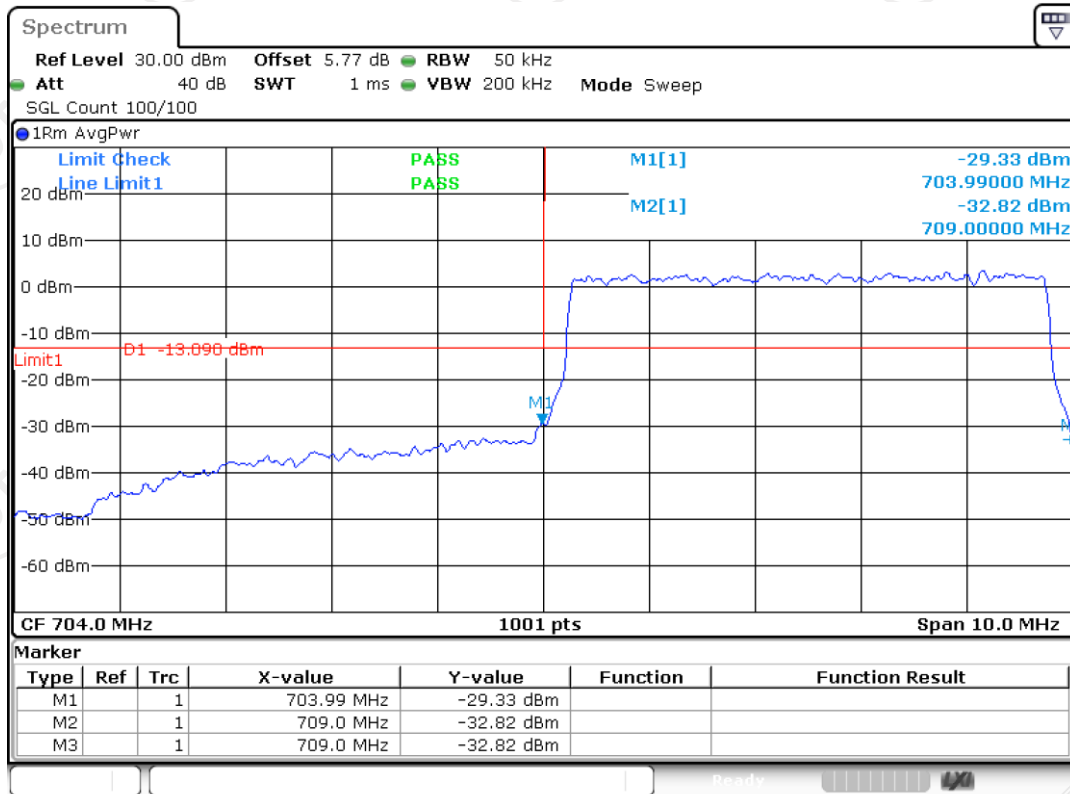


Date: 9.JUN.2023 13:18:26

5 Band edge

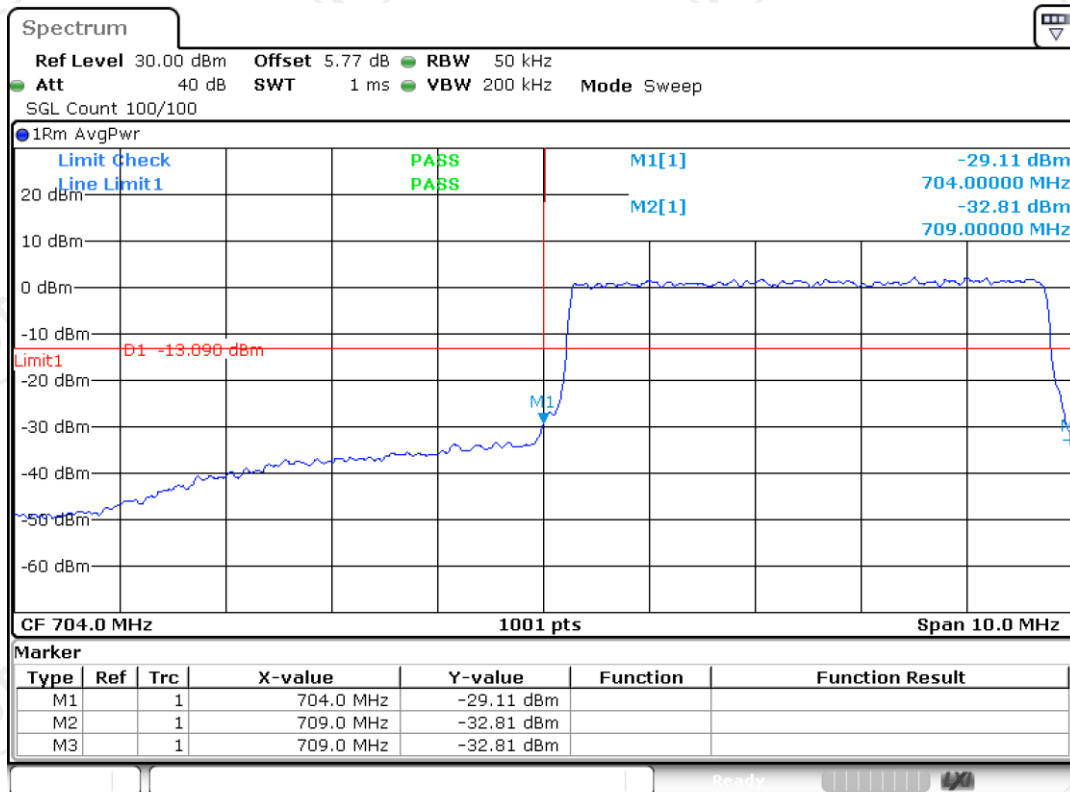
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band17	5	23755	25	#0	QPSK	703.99	-29.32	-13	PASS
Band17	5	23755	25	#0	16QAM	704.00	-29.10	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-29.50	-13	PASS
Band17	5	23825	25	#0	16QAM	716.00	-33.94	-13	PASS
Band17	10	23780	50	#0	QPSK	704.00	-32.93	-13	PASS
Band17	10	23780	50	#0	16QAM	704.00	-33.19	-13	PASS
Band17	10	23800	50	#0	QPSK	716.00	-34.28	-13	PASS
Band17	10	23800	50	#0	16QAM	716.00	-33.71	-13	PASS

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



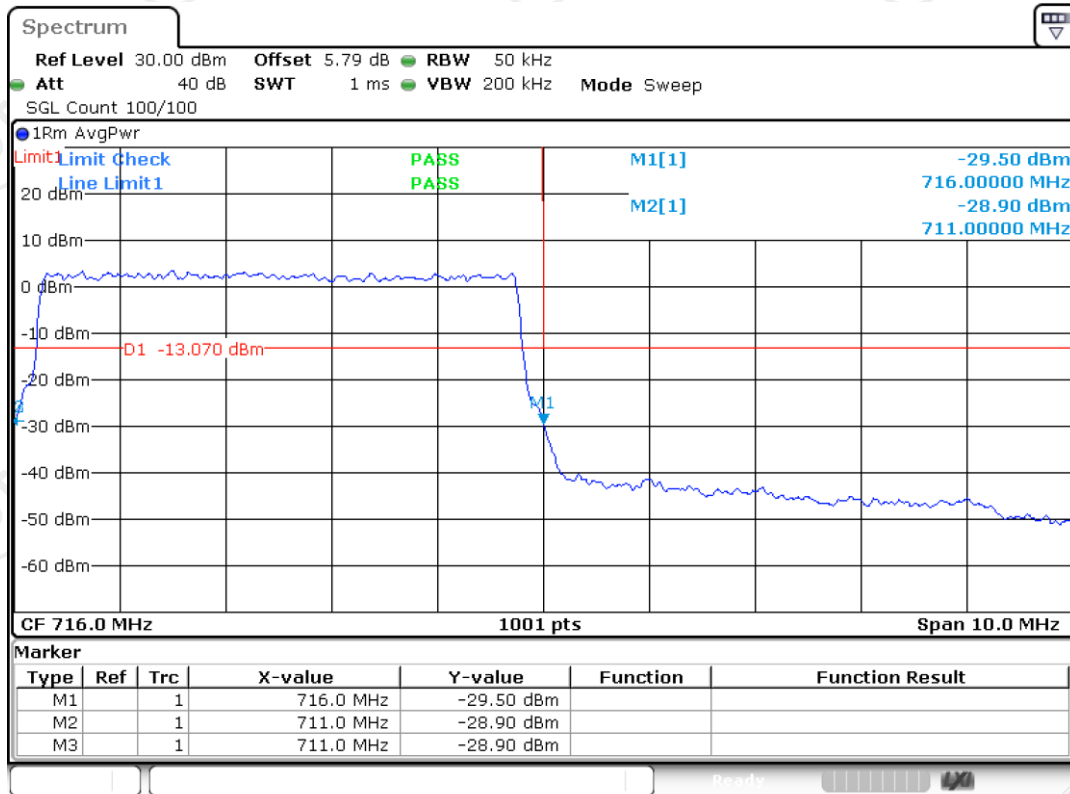
Date: 9.JUN.2023 13:18:42

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



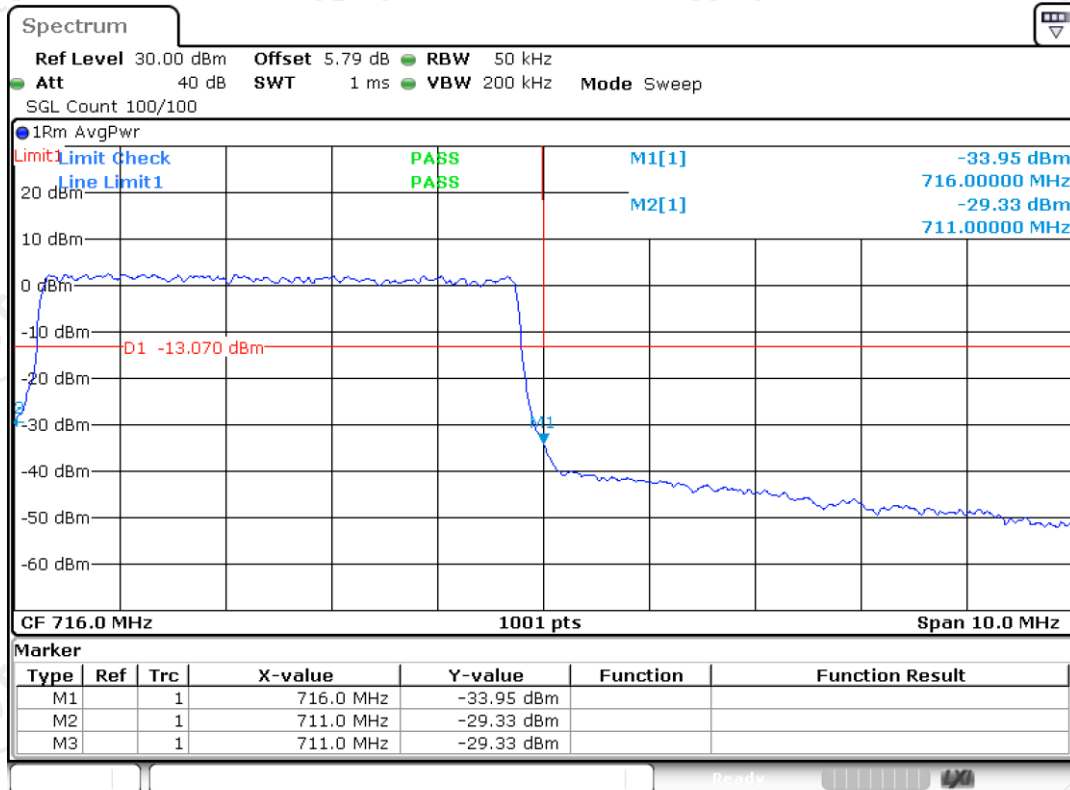
Date: 9.JUN.2023 13:18:46

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



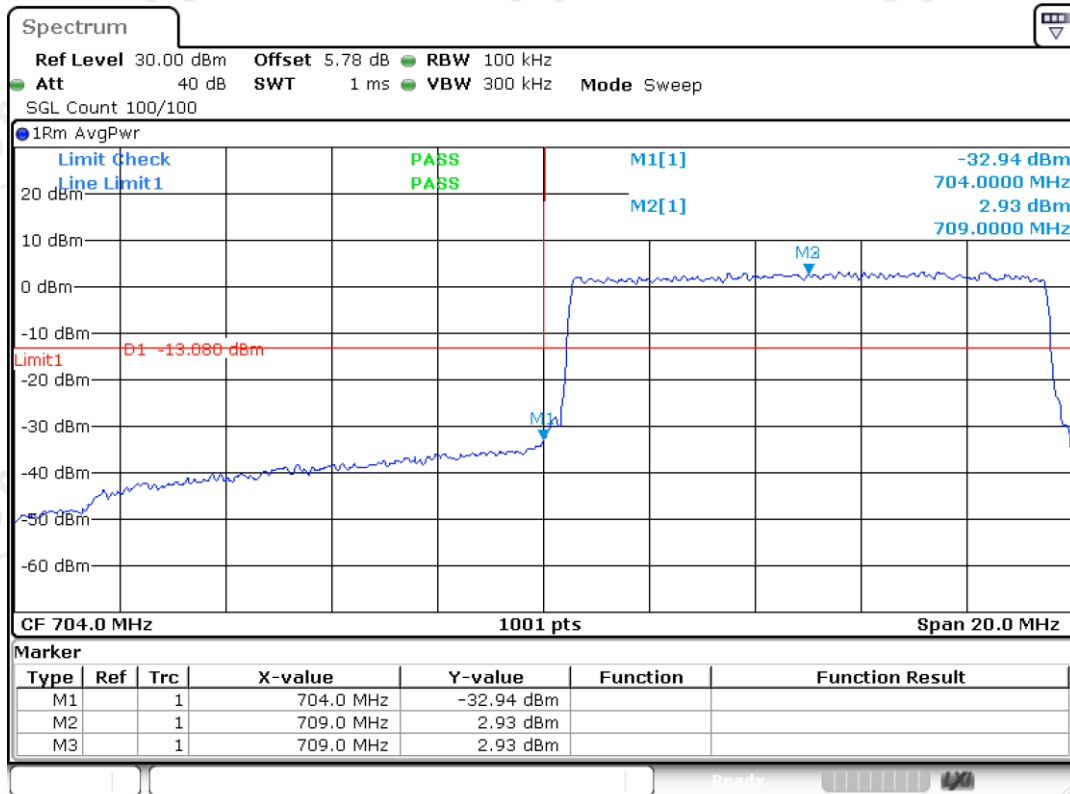
Date: 9.JUN.2023 13:18:51

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



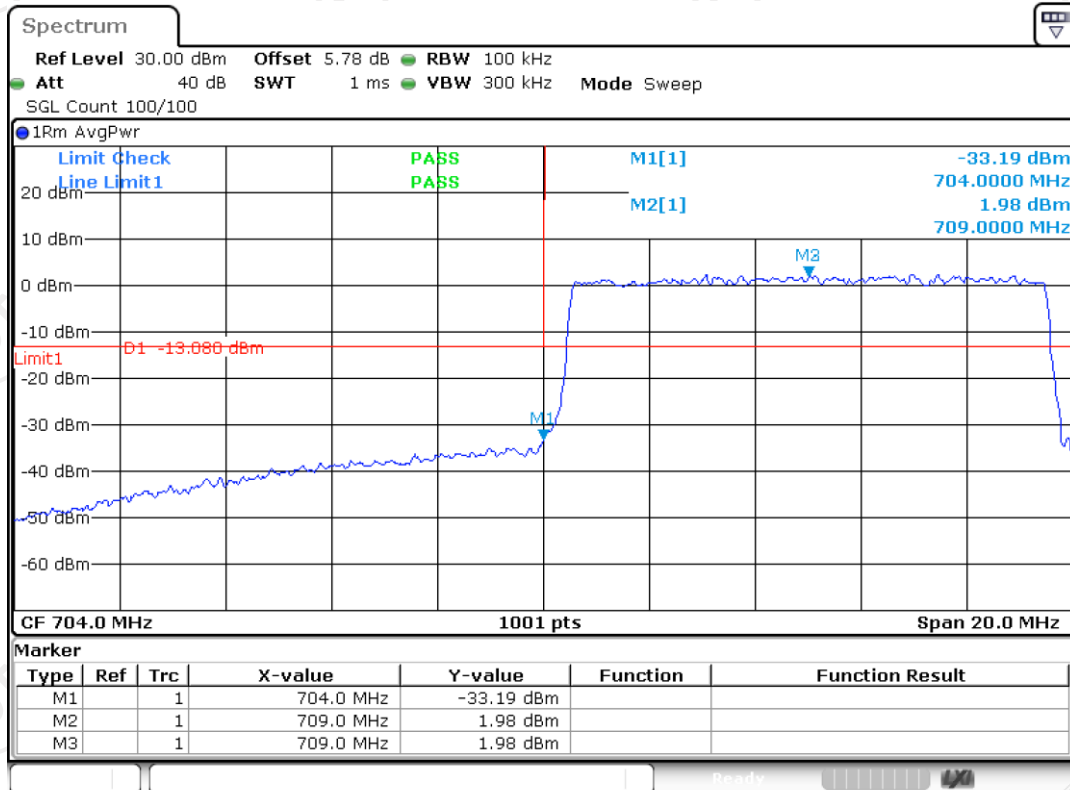
Date: 9.JUN.2023 13:18:56

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



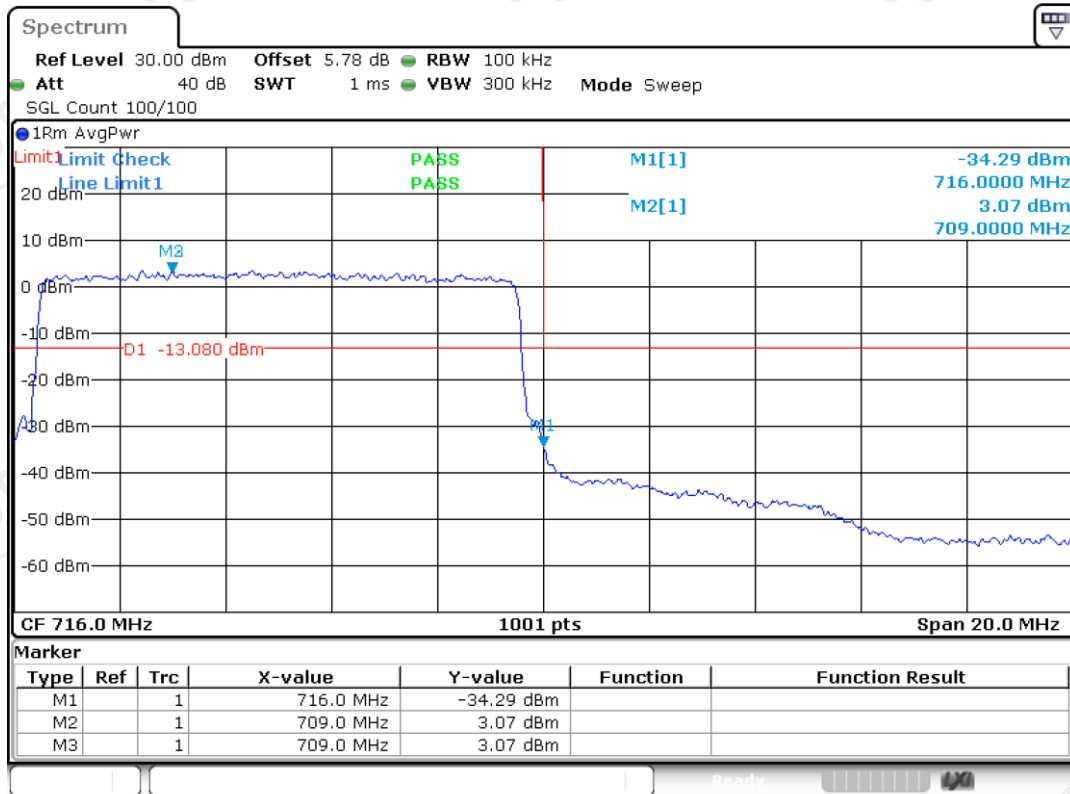
Date: 9.JUN.2023 13:19:02

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



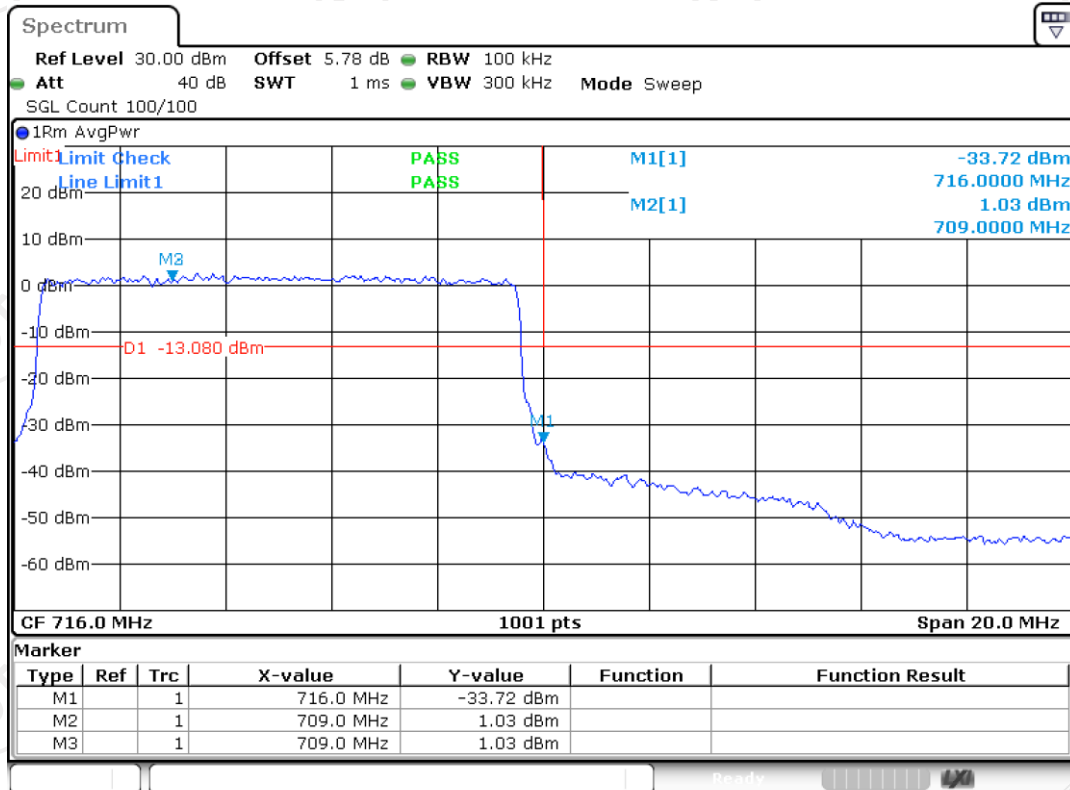
Date: 9.JUN.2023 13:19:08

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



Date: 9.JUN.2023 13:19:13

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

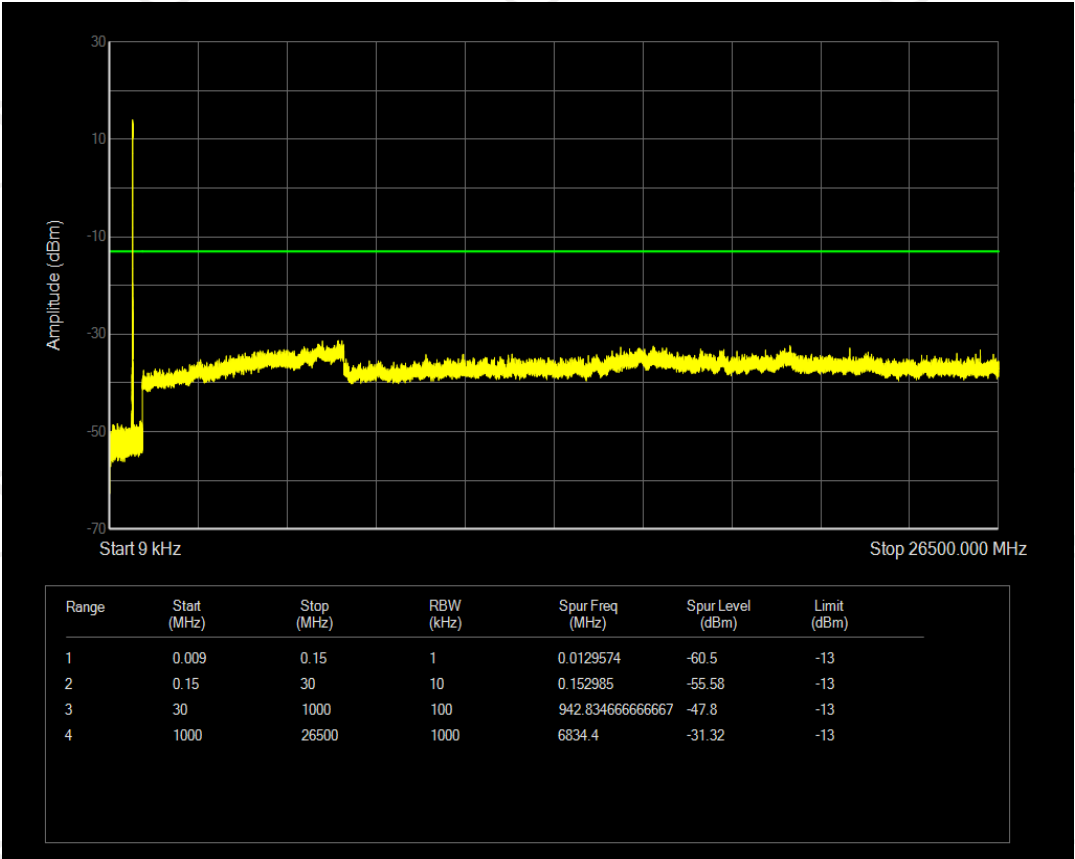


Date: 9.JUN.2023 13:19:18

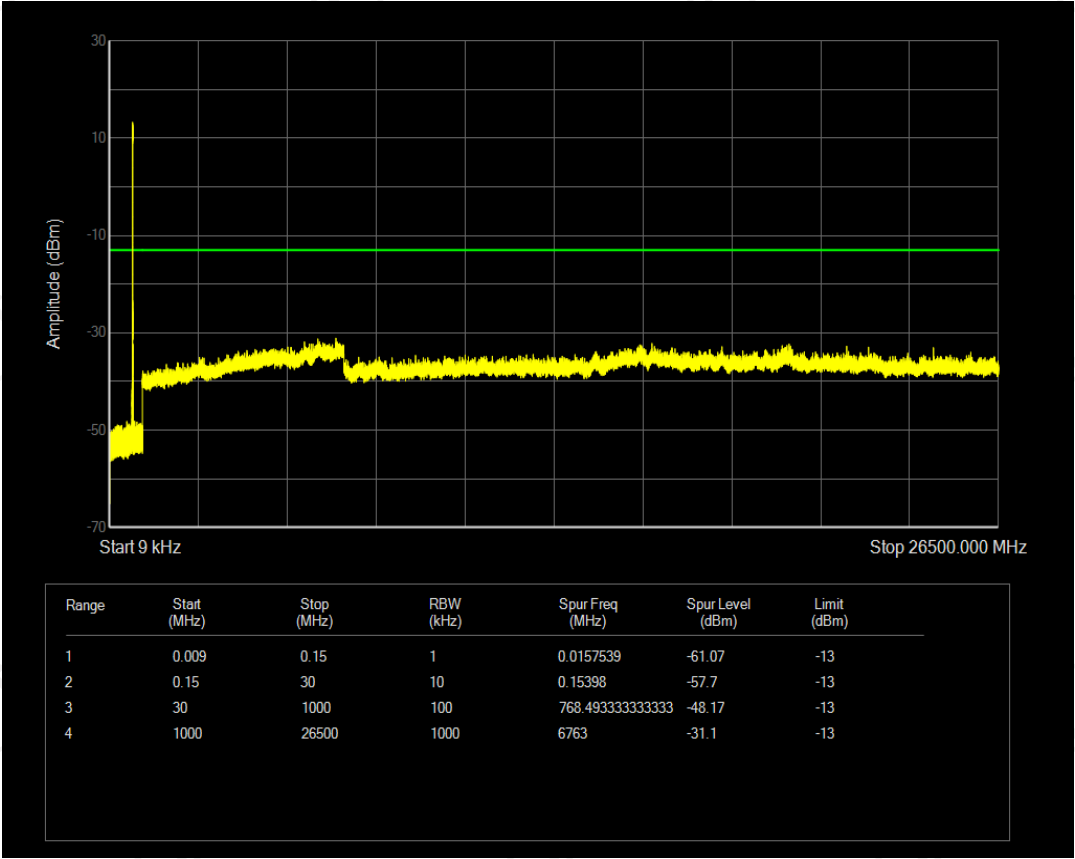
6 Out-of-band emissions

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	6834.40	-31.32	-13	PASS
Band17	5	23755	25	#0	16QAM	6763.00	-31.10	-13	PASS
Band17	5	23825	25	#0	QPSK	6956.80	-30.95	-13	PASS
Band17	5	23825	25	#0	16QAM	6307.40	-31.10	-13	PASS
Band17	10	23780	50	#0	QPSK	6746.85	-31.28	-13	PASS
Band17	10	23780	50	#0	16QAM	6519.05	-31.74	-13	PASS
Band17	10	23800	50	#0	QPSK	6876.90	-30.80	-13	PASS
Band17	10	23800	50	#0	16QAM	6301.45	-31.21	-13	PASS

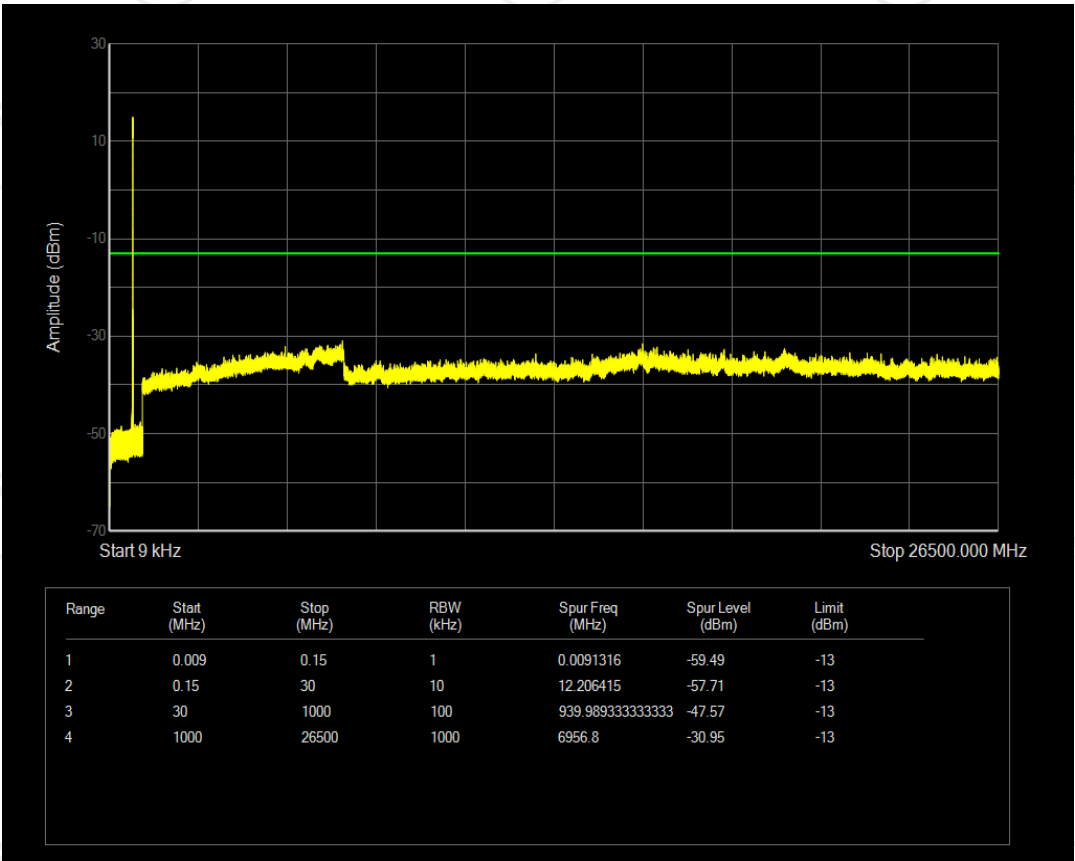
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



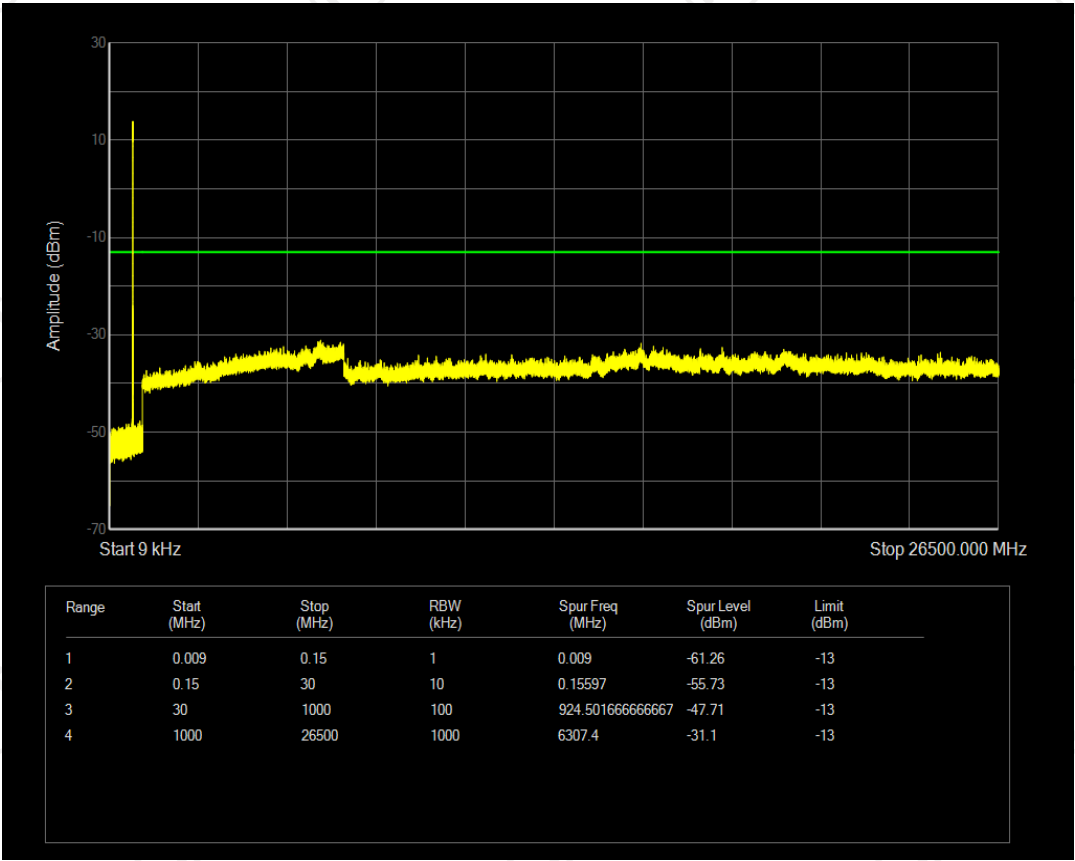
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



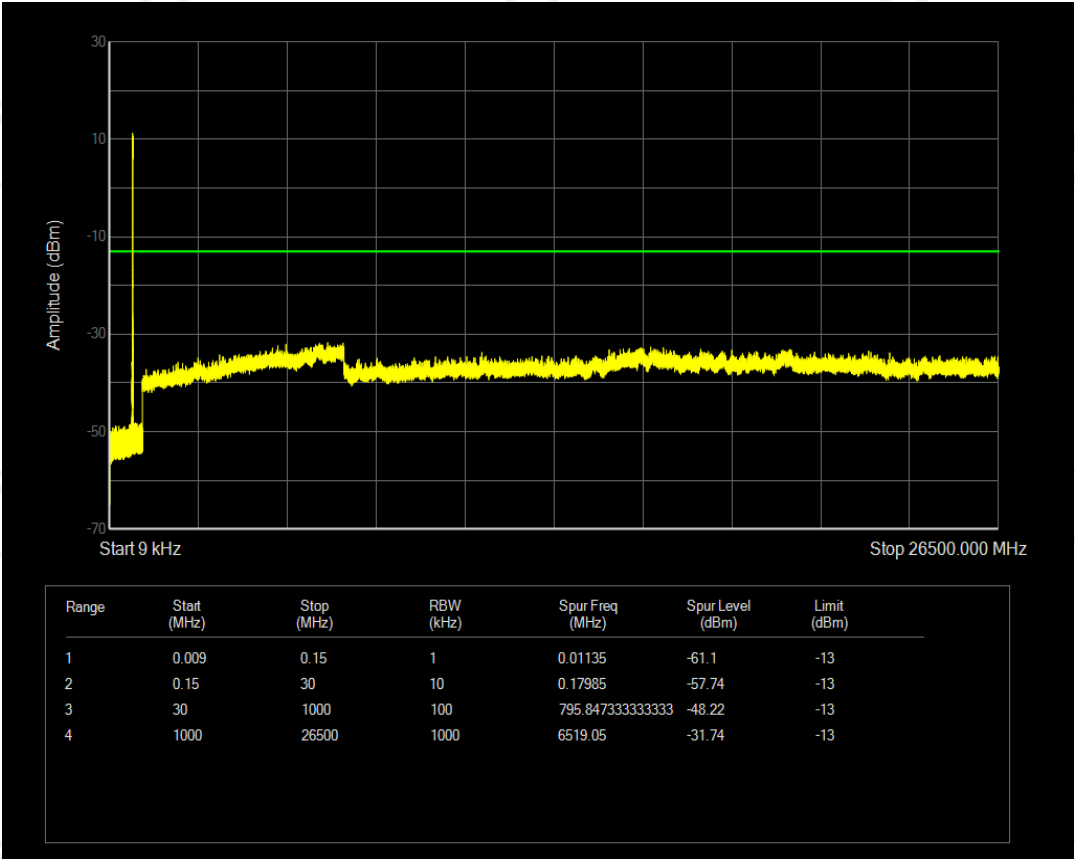
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



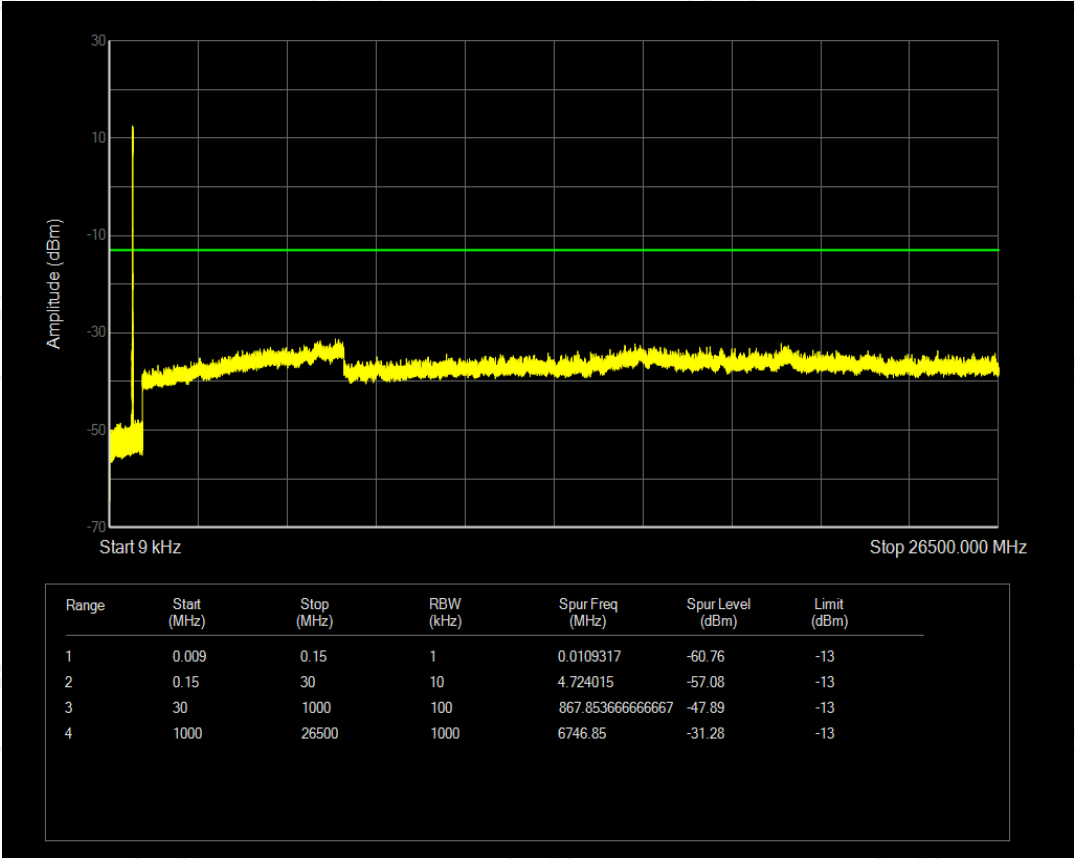
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0



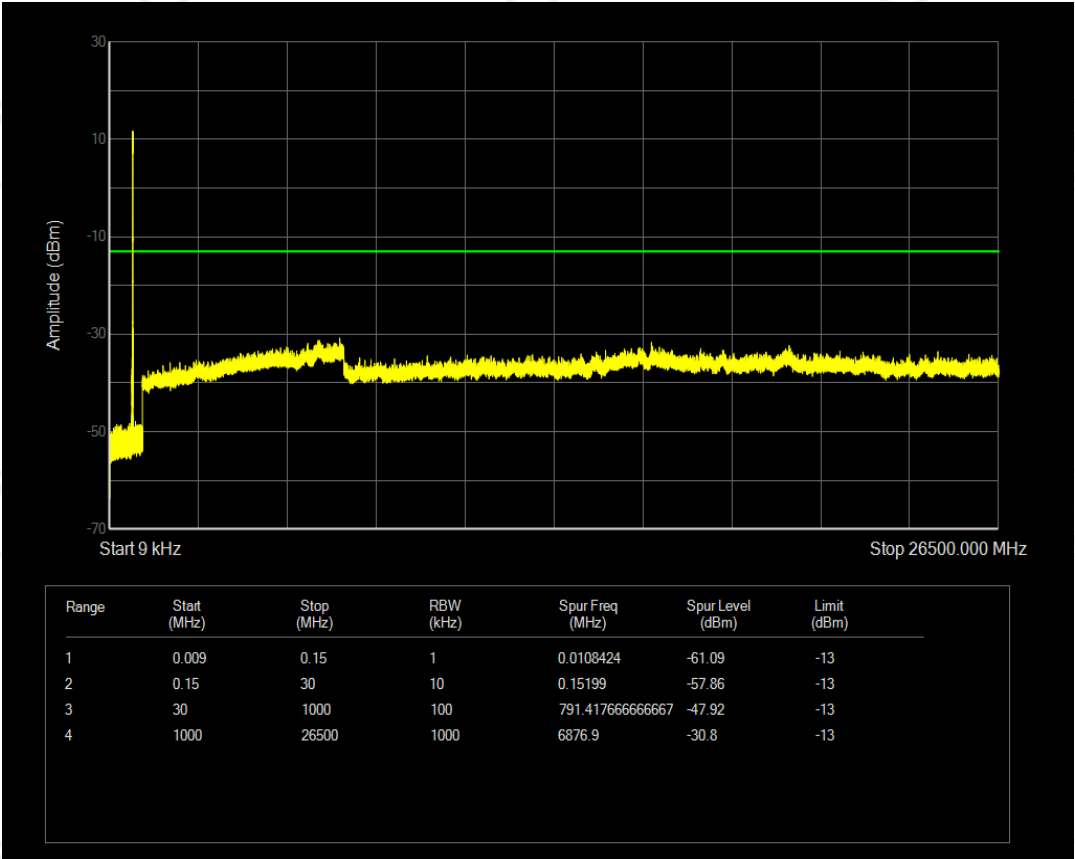
Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0



Band17 QPSK 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

