

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	ERP (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	22.16	-5.88	14.13	PASS
Band17	5	23755	1	#Mid	QPSK	22.42	-5.88	14.39	PASS
Band17	5	23755	1	#Max	QPSK	22.28	-5.88	14.25	PASS
Band17	5	23755	12	#0	QPSK	21.32	-5.88	13.29	PASS
Band17	5	23755	12	#Mid	QPSK	21.35	-5.88	13.32	PASS
Band17	5	23755	12	#Max	QPSK	21.36	-5.88	13.33	PASS
Band17	5	23755	25	#0	QPSK	21.31	-5.88	13.28	PASS
Band17	5	23755	1	#0	16QAM	21.68	-5.88	13.65	PASS
Band17	5	23755	1	#Mid	16QAM	21.97	-5.88	13.94	PASS
Band17	5	23755	1	#Max	16QAM	21.41	-5.88	13.38	PASS
Band17	5	23755	12	#0	16QAM	20.34	-5.88	12.31	PASS
Band17	5	23755	12	#Mid	16QAM	20.39	-5.88	12.36	PASS
Band17	5	23755	12	#Max	16QAM	20.45	-5.88	12.42	PASS
Band17	5	23755	25	#0	16QAM	20.39	-5.88	12.36	PASS
Band17	5	23790	1	#0	QPSK	22.18	-5.88	14.15	PASS
Band17	5	23790	1	#Mid	QPSK	22.48	-5.88	14.45	PASS
Band17	5	23790	1	#Max	QPSK	22.35	-5.88	14.32	PASS
Band17	5	23790	12	#0	QPSK	21.37	-5.88	13.34	PASS
Band17	5	23790	12	#Mid	QPSK	21.32	-5.88	13.29	PASS
Band17	5	23790	12	#Max	QPSK	21.31	-5.88	13.28	PASS
Band17	5	23790	25	#0	QPSK	21.28	-5.88	13.25	PASS
Band17	5	23790	1	#0	16QAM	21.42	-5.88	13.39	PASS
Band17	5	23790	1	#Mid	16QAM	21.80	-5.88	13.77	PASS
Band17	5	23790	1	#Max	16QAM	21.66	-5.88	13.63	PASS
Band17	5	23790	12	#0	16QAM	20.39	-5.88	12.36	PASS
Band17	5	23790	12	#Mid	16QAM	20.43	-5.88	12.40	PASS
Band17	5	23790	12	#Max	16QAM	20.36	-5.88	12.33	PASS
Band17	5	23790	25	#0	16QAM	20.32	-5.88	12.29	PASS
Band17	5	23825	1	#0	QPSK	22.36	-5.88	14.33	PASS
Band17	5	23825	1	#Mid	QPSK	22.39	-5.88	14.36	PASS
Band17	5	23825	1	#Max	QPSK	22.23	-5.88	14.20	PASS
Band17	5	23825	12	#0	QPSK	21.31	-5.88	13.28	PASS
Band17	5	23825	12	#Mid	QPSK	21.34	-5.88	13.31	PASS
Band17	5	23825	12	#Max	QPSK	21.33	-5.88	13.30	PASS
Band17	5	23825	25	#0	QPSK	21.22	-5.88	13.19	PASS
Band17	5	23825	1	#0	16QAM	21.67	-5.88	13.64	PASS
Band17	5	23825	1	#Mid	16QAM	21.76	-5.88	13.73	PASS
Band17	5	23825	1	#Max	16QAM	21.66	-5.88	13.63	PASS

Band17	5	23825	12	#0	16QAM	20.32	-5.88	12.29	PASS
Band17	5	23825	12	#Mid	16QAM	20.44	-5.88	12.41	PASS
Band17	5	23825	12	#Max	16QAM	20.44	-5.88	12.41	PASS
Band17	5	23825	25	#0	16QAM	20.26	-5.88	12.23	PASS
Band17	10	23780	1	#0	QPSK	22.20	-5.88	14.17	PASS
Band17	10	23780	1	#Mid	QPSK	22.11	-5.88	14.08	PASS
Band17	10	23780	1	#Max	QPSK	22.32	-5.88	14.29	PASS
Band17	10	23780	25	#0	QPSK	21.33	-5.88	13.30	PASS
Band17	10	23780	25	#Mid	QPSK	21.40	-5.88	13.37	PASS
Band17	10	23780	25	#Max	QPSK	21.33	-5.88	13.30	PASS
Band17	10	23780	50	#0	QPSK	21.33	-5.88	13.30	PASS
Band17	10	23780	1	#0	16QAM	21.48	-5.88	13.45	PASS
Band17	10	23780	1	#Mid	16QAM	21.55	-5.88	13.52	PASS
Band17	10	23780	1	#Max	16QAM	21.56	-5.88	13.53	PASS
Band17	10	23780	25	#0	16QAM	20.34	-5.88	12.31	PASS
Band17	10	23780	25	#Mid	16QAM	20.45	-5.88	12.42	PASS
Band17	10	23780	25	#Max	16QAM	20.39	-5.88	12.36	PASS
Band17	10	23780	50	#0	16QAM	20.55	-5.88	12.52	PASS
Band17	10	23790	1	#0	QPSK	22.30	-5.88	14.27	PASS
Band17	10	23790	1	#Mid	QPSK	22.23	-5.88	14.20	PASS
Band17	10	23790	1	#Max	QPSK	22.32	-5.88	14.29	PASS
Band17	10	23790	25	#0	QPSK	21.36	-5.88	13.33	PASS
Band17	10	23790	25	#Mid	QPSK	21.25	-5.88	13.22	PASS
Band17	10	23790	25	#Max	QPSK	21.38	-5.88	13.35	PASS
Band17	10	23790	50	#0	QPSK	21.23	-5.88	13.20	PASS
Band17	10	23790	1	#0	16QAM	21.69	-5.88	13.66	PASS
Band17	10	23790	1	#Mid	16QAM	21.63	-5.88	13.60	PASS
Band17	10	23790	1	#Max	16QAM	21.62	-5.88	13.59	PASS
Band17	10	23790	25	#0	16QAM	20.48	-5.88	12.45	PASS
Band17	10	23790	25	#Mid	16QAM	20.32	-5.88	12.29	PASS
Band17	10	23790	25	#Max	16QAM	20.45	-5.88	12.42	PASS
Band17	10	23790	50	#0	16QAM	20.39	-5.88	12.36	PASS
Band17	10	23800	1	#0	QPSK	22.44	-5.88	14.41	PASS
Band17	10	23800	1	#Mid	QPSK	22.28	-5.88	14.25	PASS
Band17	10	23800	1	#Max	QPSK	22.29	-5.88	14.26	PASS
Band17	10	23800	25	#0	QPSK	21.41	-5.88	13.38	PASS
Band17	10	23800	25	#Mid	QPSK	21.26	-5.88	13.23	PASS
Band17	10	23800	25	#Max	QPSK	21.40	-5.88	13.37	PASS
Band17	10	23800	50	#0	QPSK	21.31	-5.88	13.28	PASS
Band17	10	23800	1	#0	16QAM	21.68	-5.88	13.65	PASS
Band17	10	23800	1	#Mid	16QAM	21.61	-5.88	13.58	PASS
Band17	10	23800	1	#Max	16QAM	21.44	-5.88	13.41	PASS

Band17	10	23800	25	#0	16QAM	20.39	-5.88	12.36	PASS
Band17	10	23800	25	#Mid	16QAM	20.38	-5.88	12.35	PASS
Band17	10	23800	25	#Max	16QAM	20.32	-5.88	12.29	PASS
Band17	10	23800	50	#0	16QAM	20.38	-5.88	12.35	PASS

2 Frequency stability

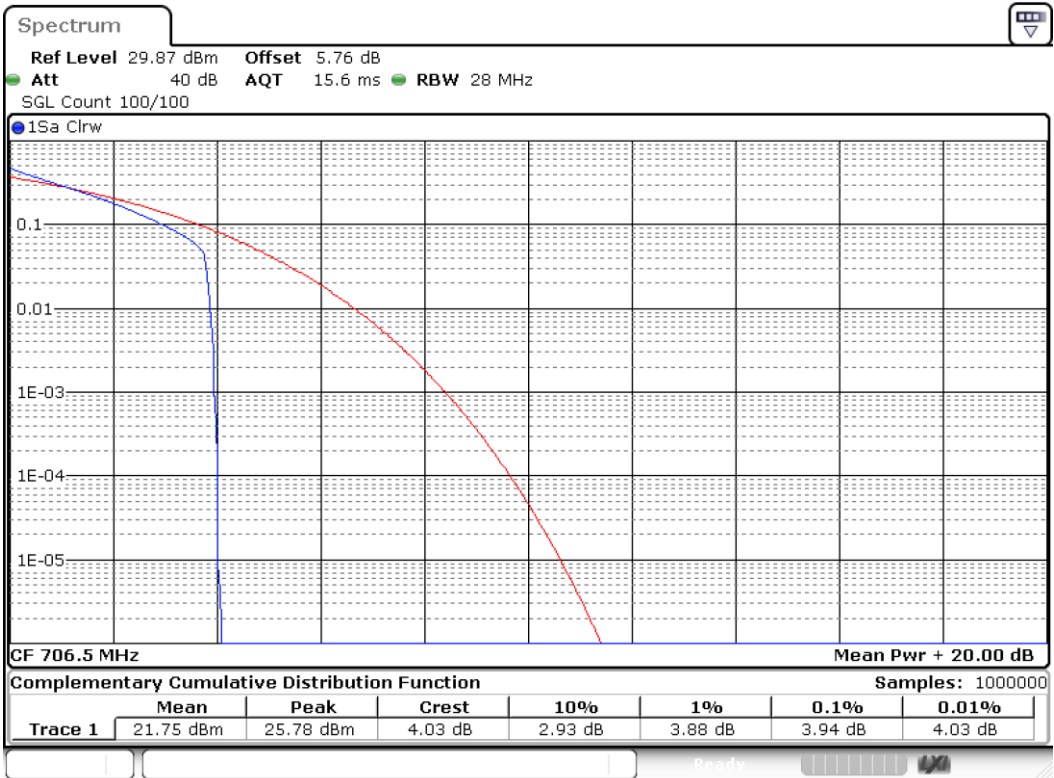
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band17	5	23755	25	#0	QPSK	VL	NT	-0.30	0.000	±2.5	PASS
Band17	5	23755	25	#0	QPSK	VN	NT	1.30	0.002	±2.5	PASS
Band17	5	23755	25	#0	QPSK	VH	NT	1.40	0.002	±2.5	PASS
Band17	5	23755	25	#0	QPSK	NV	-30	-0.50	-0.001	±2.5	PASS
Band17	5	23755	25	#0	QPSK	NV	-20	1.30	0.002	±2.5	PASS
Band17	5	23755	25	#0	QPSK	NV	-10	-0.40	-0.001	±2.5	PASS
Band17	5	23755	25	#0	QPSK	NV	0	-1.20	-0.002	±2.5	PASS
Band17	5	23755	25	#0	QPSK	NV	10	-0.10	0.000	±2.5	PASS
Band17	5	23755	25	#0	QPSK	NV	20	1.50	0.002	±2.5	PASS
Band17	5	23755	25	#0	16QAM	VL	NT	1.80	0.003	±2.5	PASS
Band17	5	23755	25	#0	16QAM	VN	NT	0.90	0.001	±2.5	PASS
Band17	5	23755	25	#0	16QAM	VH	NT	-0.30	0.000	±2.5	PASS
Band17	5	23755	25	#0	16QAM	NV	-30	-0.90	-0.001	±2.5	PASS
Band17	5	23755	25	#0	16QAM	NV	-20	0.70	0.001	±2.5	PASS
Band17	5	23755	25	#0	16QAM	NV	-10	0.70	0.001	±2.5	PASS
Band17	5	23755	25	#0	16QAM	NV	0	1.50	0.002	±2.5	PASS
Band17	5	23755	25	#0	16QAM	NV	10	-0.90	-0.001	±2.5	PASS
Band17	5	23755	25	#0	16QAM	NV	20	0.80	0.001	±2.5	PASS
Band17	5	23790	25	#0	QPSK	VL	NT	1.20	0.002	±2.5	PASS
Band17	5	23790	25	#0	QPSK	VN	NT	-1.90	-0.003	±2.5	PASS
Band17	5	23790	25	#0	QPSK	VH	NT	0.90	0.001	±2.5	PASS
Band17	5	23790	25	#0	QPSK	NV	-30	-0.30	0.000	±2.5	PASS
Band17	5	23790	25	#0	QPSK	NV	-20	0.10	0.000	±2.5	PASS
Band17	5	23790	25	#0	QPSK	NV	-10	-0.40	-0.001	±2.5	PASS
Band17	5	23790	25	#0	QPSK	NV	0	-1.00	-0.001	±2.5	PASS
Band17	5	23790	25	#0	QPSK	NV	10	0.30	0.000	±2.5	PASS
Band17	5	23790	25	#0	QPSK	NV	20	1.50	0.002	±2.5	PASS
Band17	5	23790	25	#0	16QAM	VL	NT	0.70	0.001	±2.5	PASS
Band17	5	23790	25	#0	16QAM	VN	NT	-1.00	-0.001	±2.5	PASS
Band17	5	23790	25	#0	16QAM	VH	NT	0.90	0.001	±2.5	PASS
Band17	5	23790	25	#0	16QAM	NV	-30	0.00	0.000	±2.5	PASS
Band17	5	23790	25	#0	16QAM	NV	-20	1.30	0.002	±2.5	PASS
Band17	5	23790	25	#0	16QAM	NV	-10	-0.40	-0.001	±2.5	PASS
Band17	5	23790	25	#0	16QAM	NV	0	2.20	0.003	±2.5	PASS

Band17	5	23790	25	#0	16QAM	NV	10	1.10	0.002	±2.5	PASS
Band17	5	23790	25	#0	16QAM	NV	20	0.90	0.001	±2.5	PASS
Band17	5	23825	25	#0	QPSK	VL	NT	0.20	0.000	±2.5	PASS
Band17	5	23825	25	#0	QPSK	VN	NT	0.50	0.001	±2.5	PASS
Band17	5	23825	25	#0	QPSK	VH	NT	0.50	0.001	±2.5	PASS
Band17	5	23825	25	#0	QPSK	NV	-30	-0.40	-0.001	±2.5	PASS
Band17	5	23825	25	#0	QPSK	NV	-20	0.20	0.000	±2.5	PASS
Band17	5	23825	25	#0	QPSK	NV	-10	-0.60	-0.001	±2.5	PASS
Band17	5	23825	25	#0	QPSK	NV	0	-2.10	-0.003	±2.5	PASS
Band17	5	23825	25	#0	QPSK	NV	10	-0.30	0.000	±2.5	PASS
Band17	5	23825	25	#0	QPSK	NV	20	-0.70	-0.001	±2.5	PASS
Band17	5	23825	25	#0	16QAM	VL	NT	-1.30	-0.002	±2.5	PASS
Band17	5	23825	25	#0	16QAM	VN	NT	0.40	0.001	±2.5	PASS
Band17	5	23825	25	#0	16QAM	VH	NT	0.40	0.001	±2.5	PASS
Band17	5	23825	25	#0	16QAM	NV	-30	1.70	0.002	±2.5	PASS
Band17	5	23825	25	#0	16QAM	NV	-20	0.20	0.000	±2.5	PASS
Band17	5	23825	25	#0	16QAM	NV	-10	0.70	0.001	±2.5	PASS
Band17	5	23825	25	#0	16QAM	NV	0	-0.10	0.000	±2.5	PASS
Band17	5	23825	25	#0	16QAM	NV	10	-0.70	-0.001	±2.5	PASS
Band17	5	23825	25	#0	16QAM	NV	20	-0.20	0.000	±2.5	PASS

3 Peak-to-Average Ratio

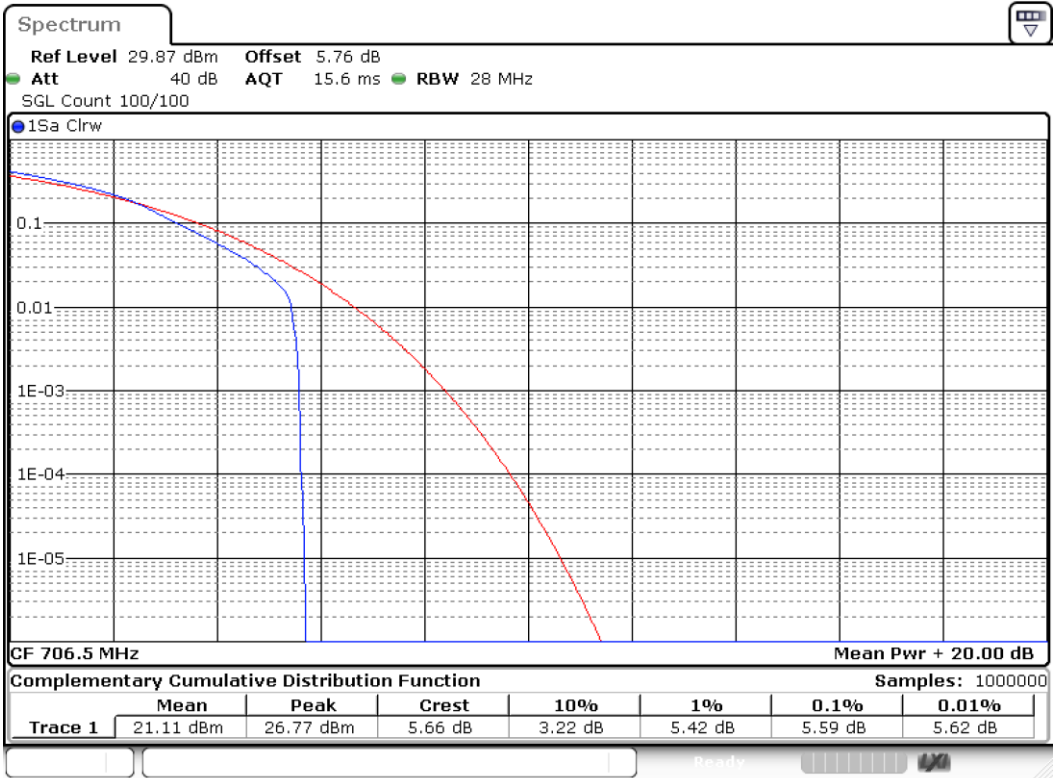
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band17	5	23755	1	#0	QPSK	3.94	13	PASS
Band17	5	23755	1	#0	16QAM	5.59	13	PASS
Band17	5	23790	1	#0	QPSK	3.77	13	PASS
Band17	5	23790	1	#0	16QAM	4.99	13	PASS
Band17	5	23825	1	#0	QPSK	4.06	13	PASS
Band17	5	23825	1	#0	16QAM	5.83	13	PASS
Band17	10	23780	1	#0	QPSK	3.94	13	PASS
Band17	10	23780	1	#0	16QAM	5.45	13	PASS
Band17	10	23790	1	#0	QPSK	3.77	13	PASS
Band17	10	23790	1	#0	16QAM	5.28	13	PASS
Band17	10	23800	1	#0	QPSK	3.62	13	PASS
Band17	10	23800	1	#0	16QAM	5.04	13	PASS

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



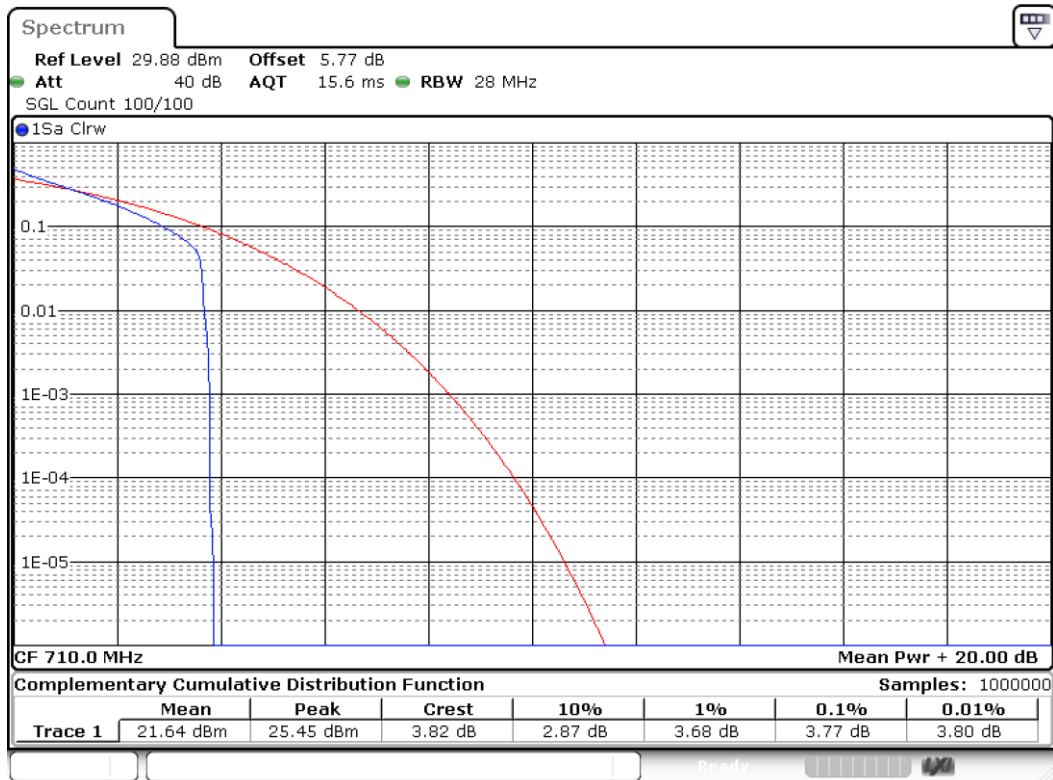
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Band17 16QAM BW=5MHz Channel=23755 RB Size=1 Position=#0



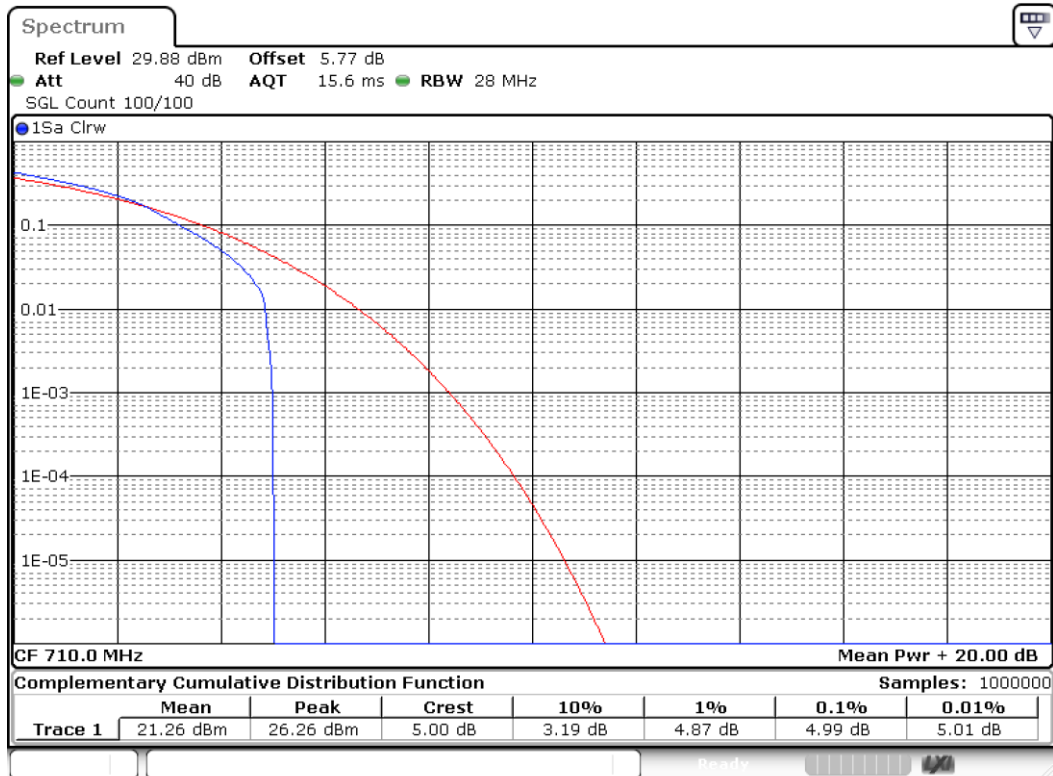
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Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0



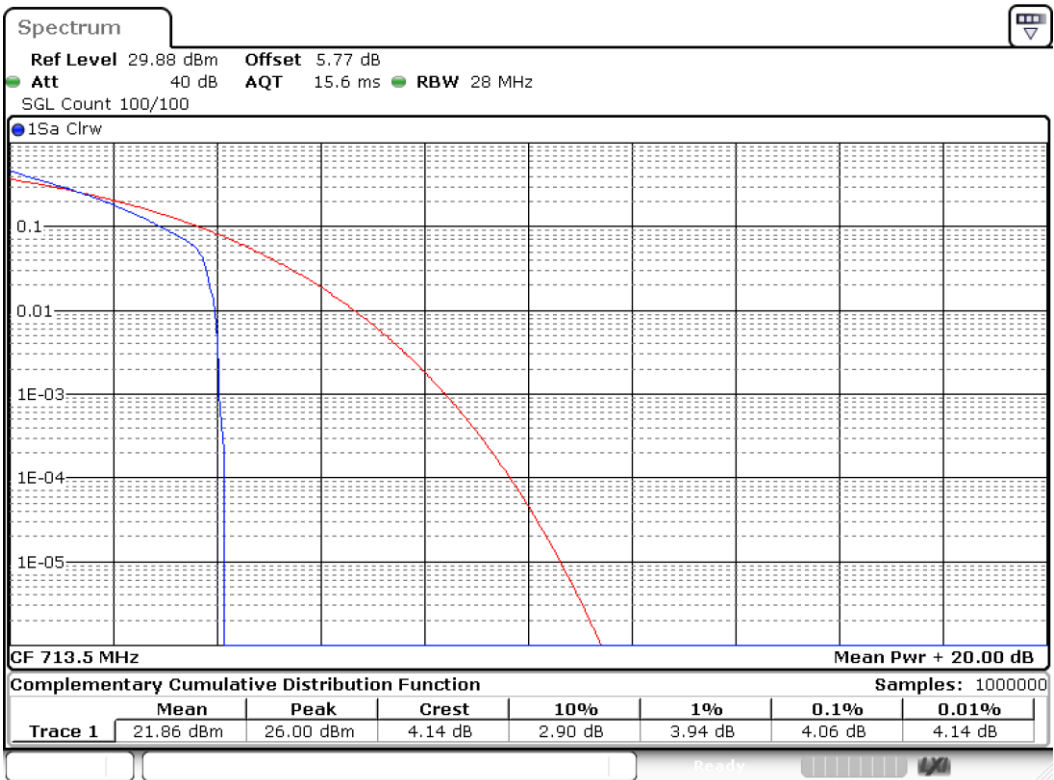
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Band17 16QAM BW=5MHz Channel=23790 RB Size=1 Position=#0



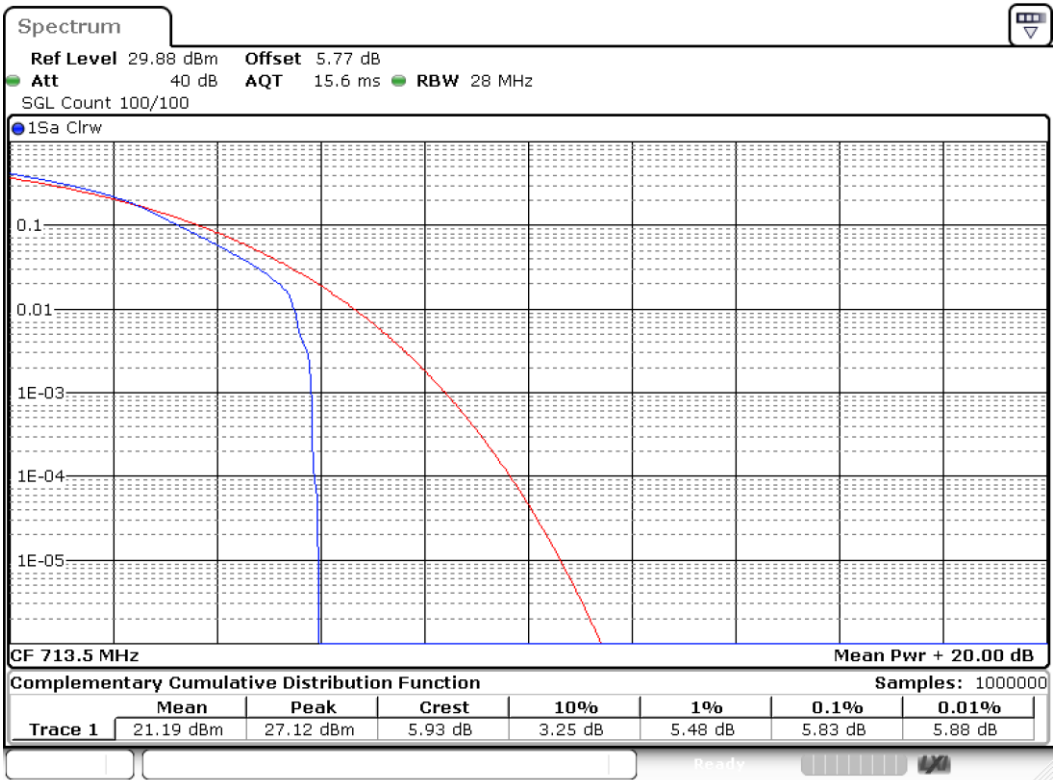
Date: 25.JUN.2024 10:46:25

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



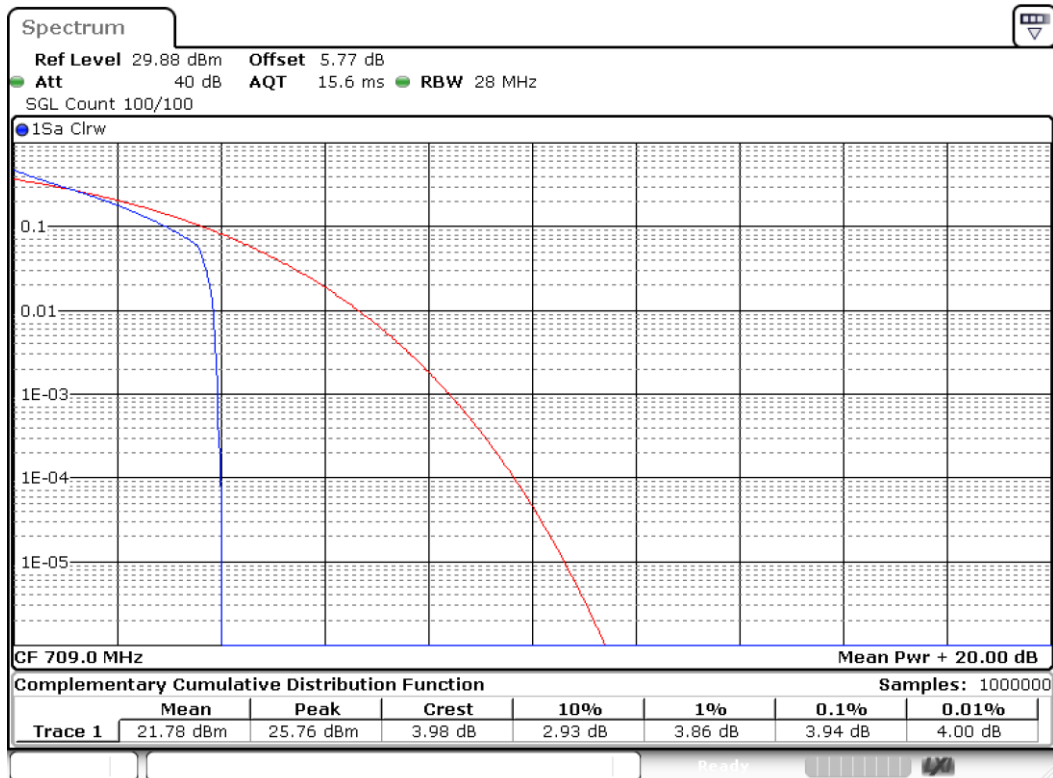
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Band17 16QAM BW=5MHz Channel=23825 RB Size=1 Position=#0



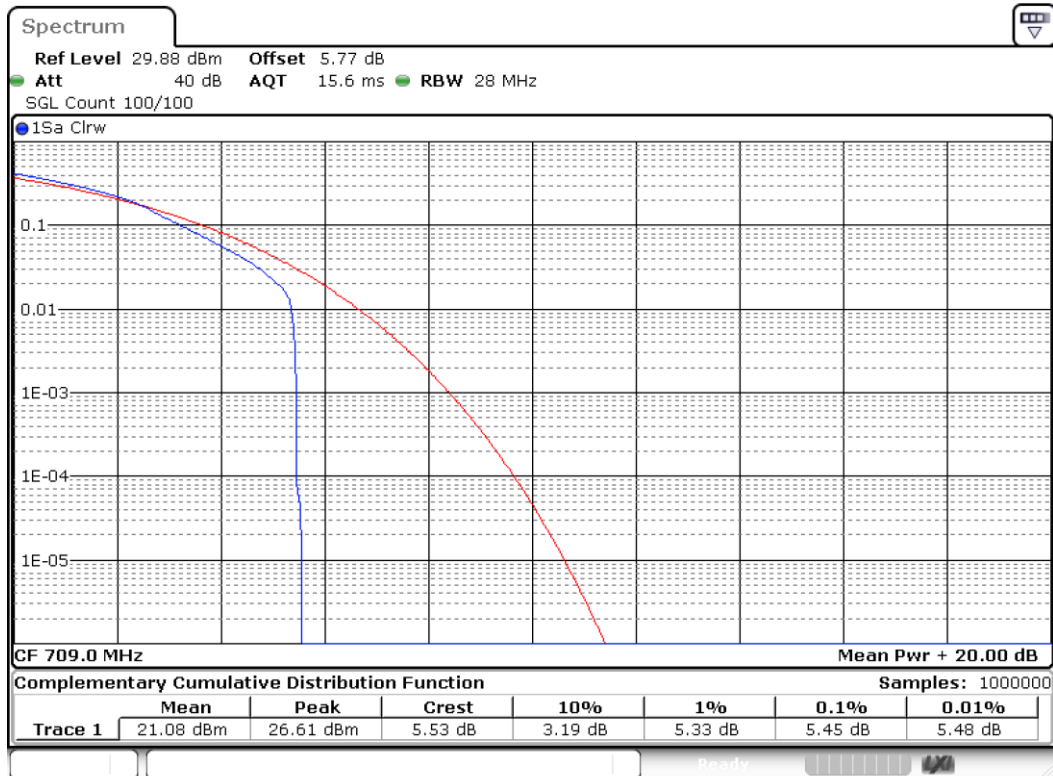
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Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0



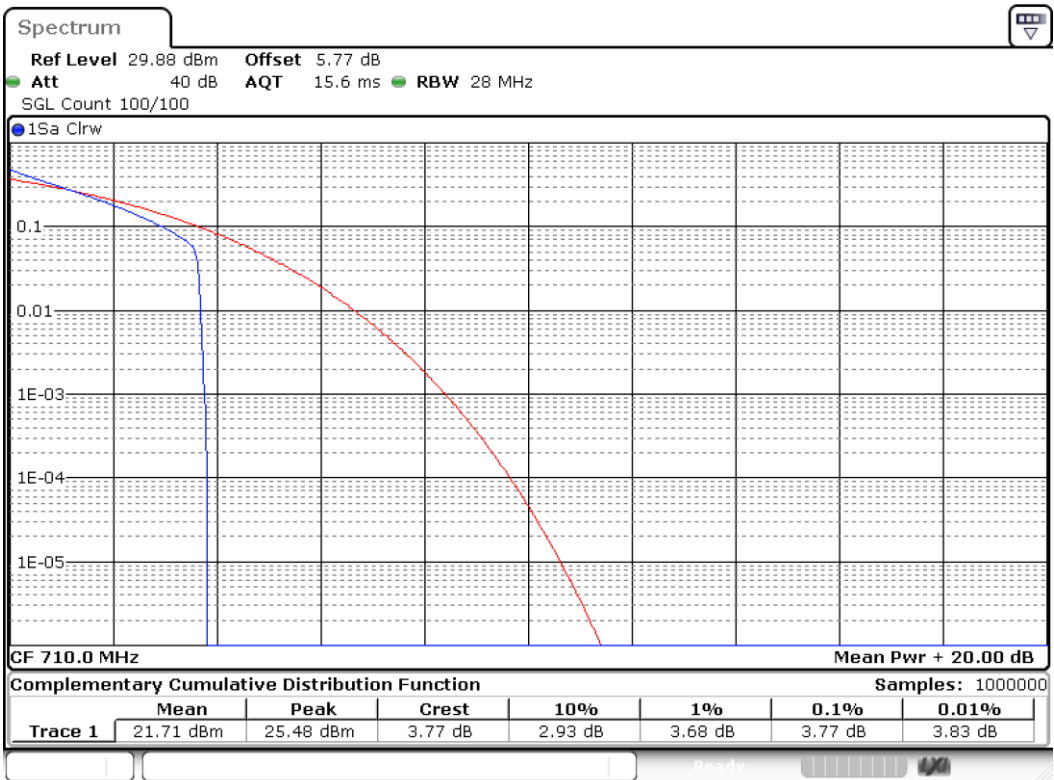
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Band17 16QAM BW=10MHz Channel=23780 RB Size=1 Position=#0



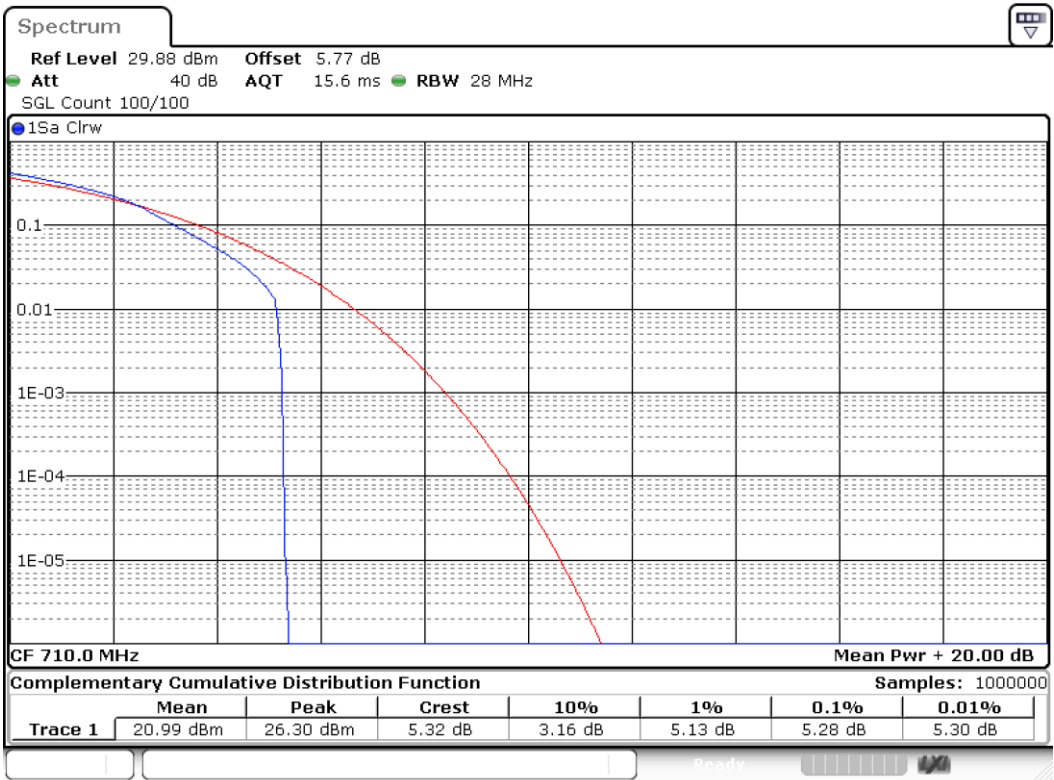
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Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0



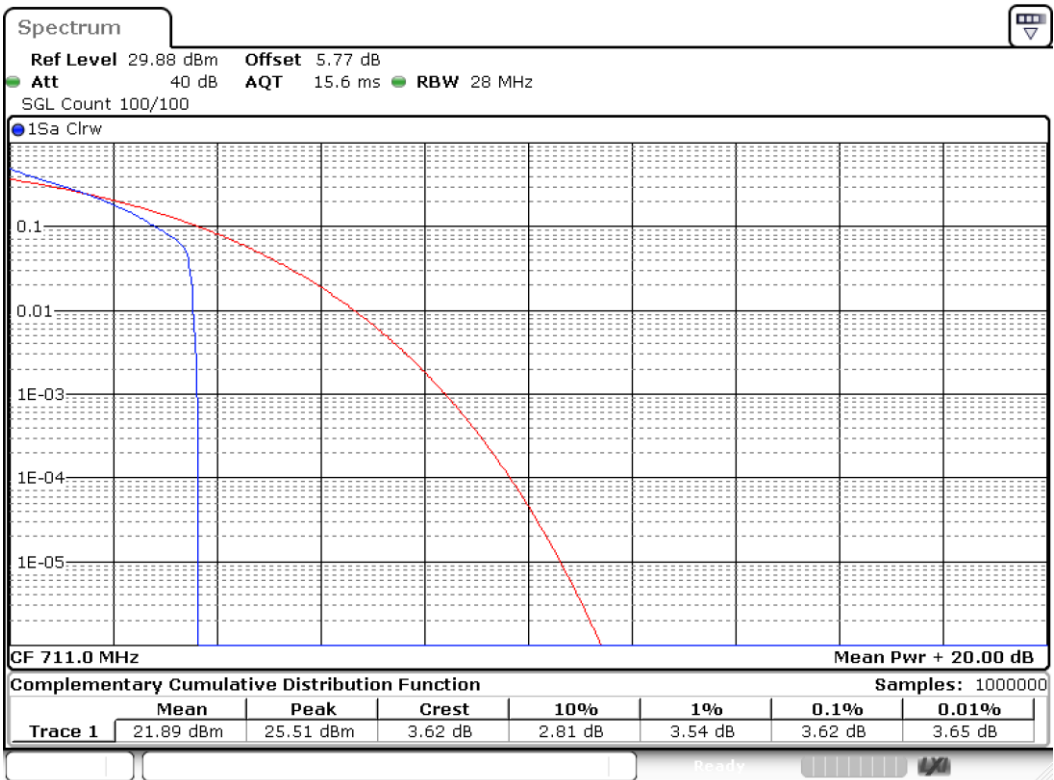
Date: 25.JUN.2024 10:47:00

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



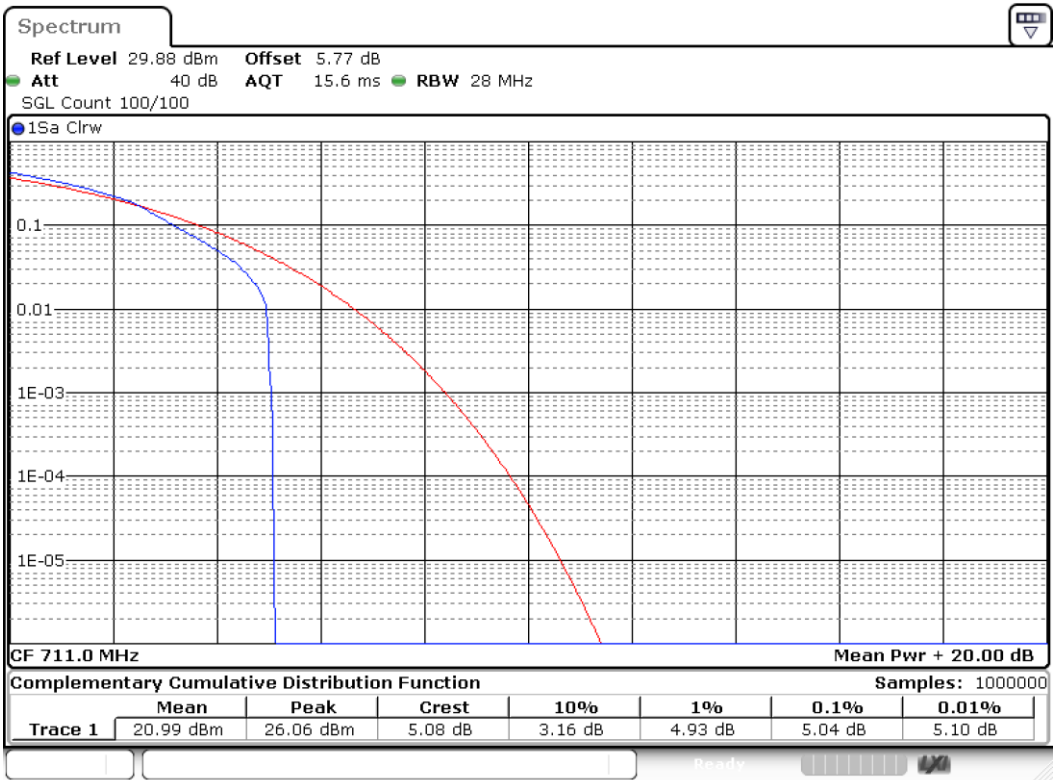
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Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0



Date: 25.JUN.2024 10:47:14

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

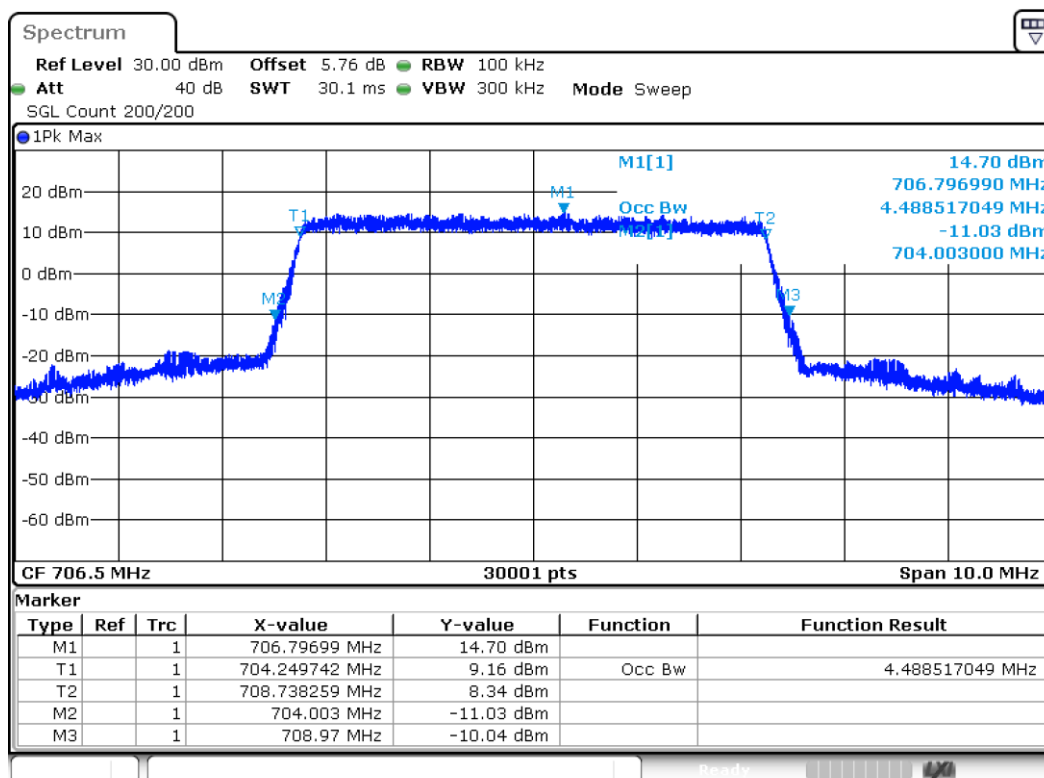


Date: 25.JUN.2024 10:47:20

4 Occupied bandwidth

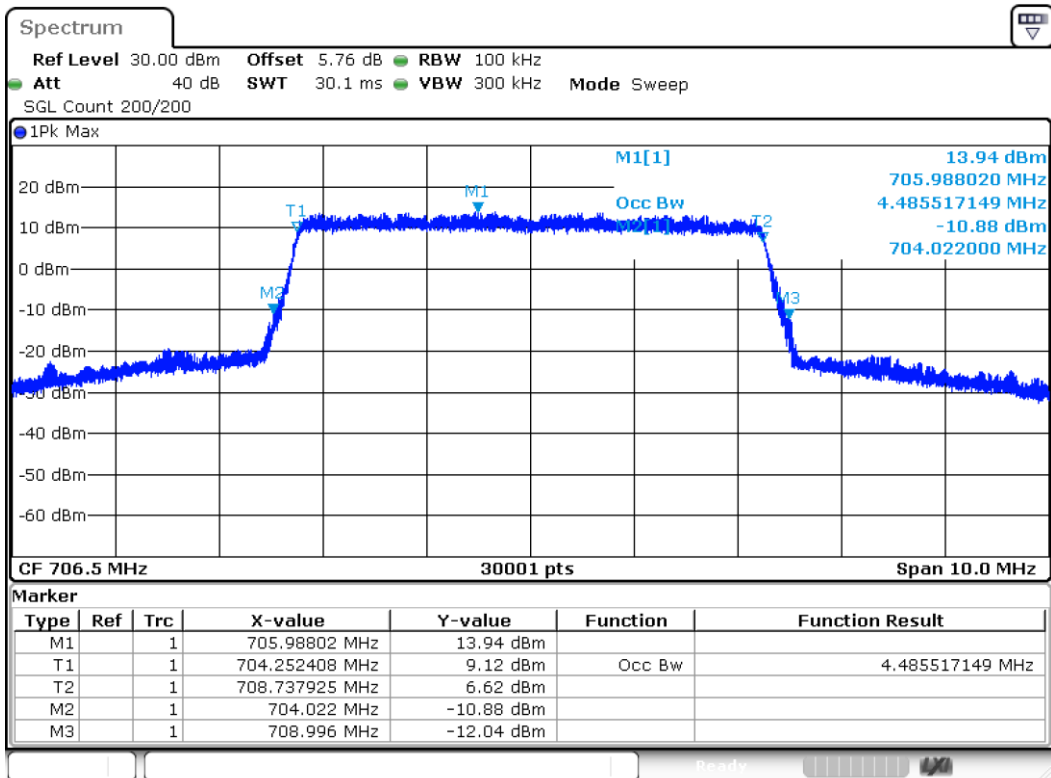
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band17	5	23755	25	#0	QPSK	4.489	4.967	PASS
Band17	5	23755	25	#0	16QAM	4.486	4.974	PASS
Band17	5	23790	25	#0	QPSK	4.505	5.000	PASS
Band17	5	23790	25	#0	16QAM	4.501	5.000	PASS
Band17	5	23825	25	#0	QPSK	4.488	4.995	PASS
Band17	5	23825	25	#0	16QAM	4.492	4.972	PASS
Band17	10	23780	50	#0	QPSK	8.988	9.817	PASS
Band17	10	23780	50	#0	16QAM	8.970	9.775	PASS
Band17	10	23790	50	#0	QPSK	8.993	9.823	PASS
Band17	10	23790	50	#0	16QAM	8.972	9.791	PASS
Band17	10	23800	50	#0	QPSK	8.993	9.821	PASS
Band17	10	23800	50	#0	16QAM	8.975	9.734	PASS

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



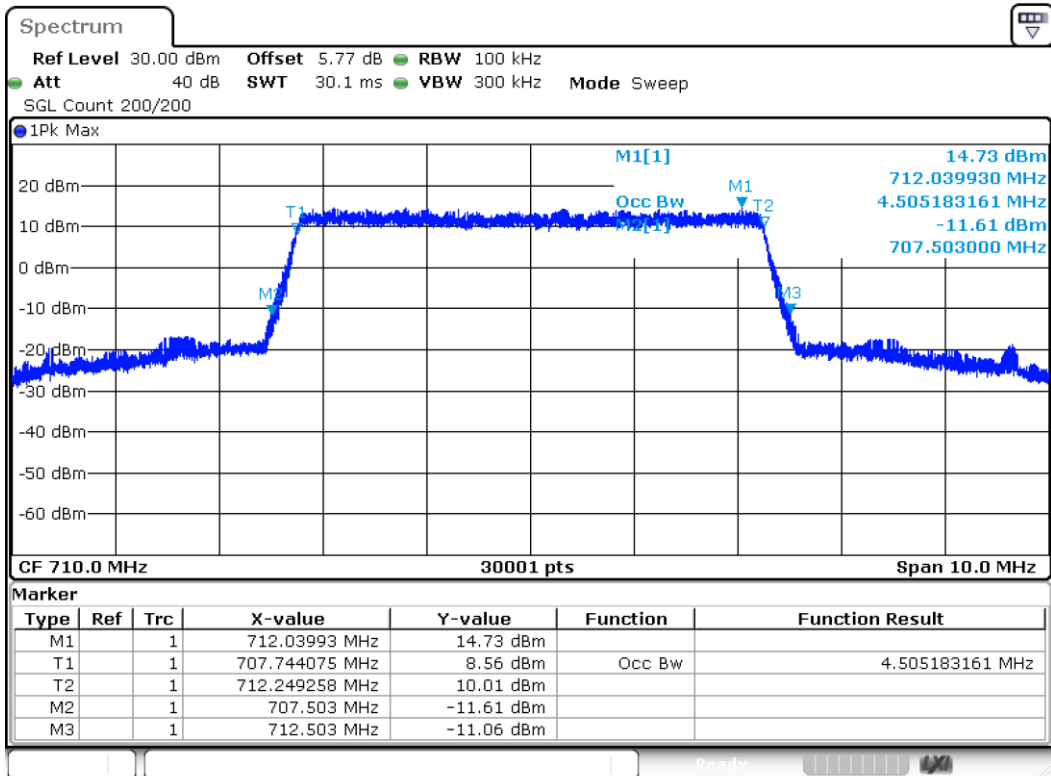
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Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



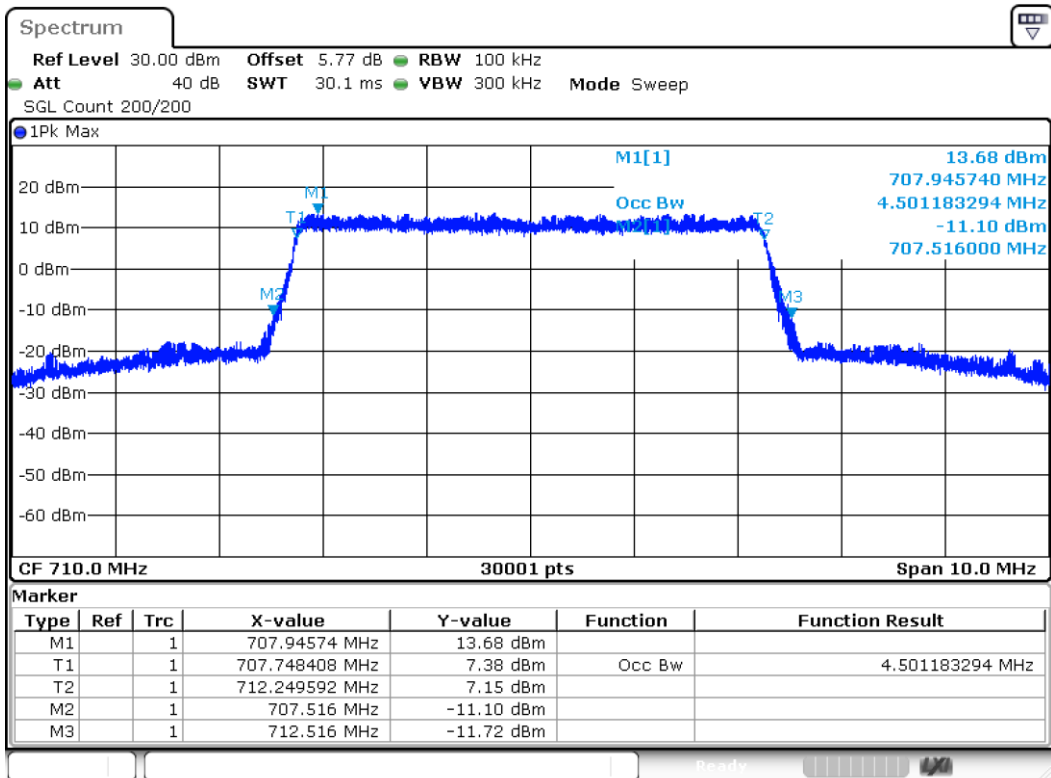
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Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



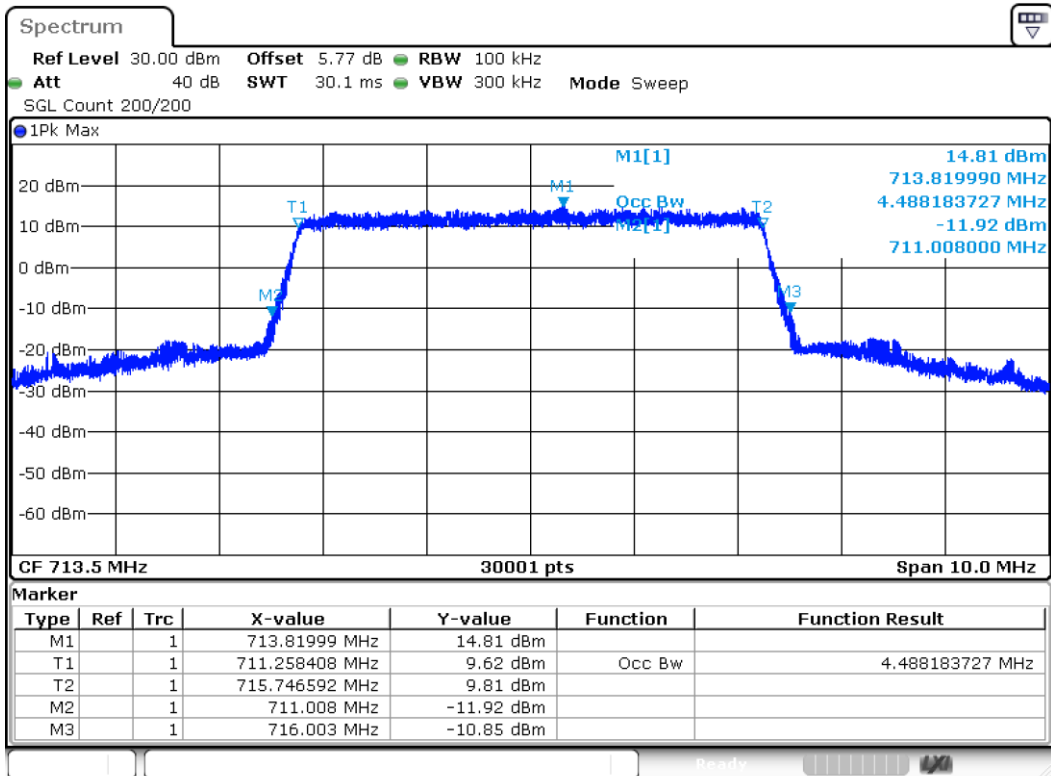
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Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



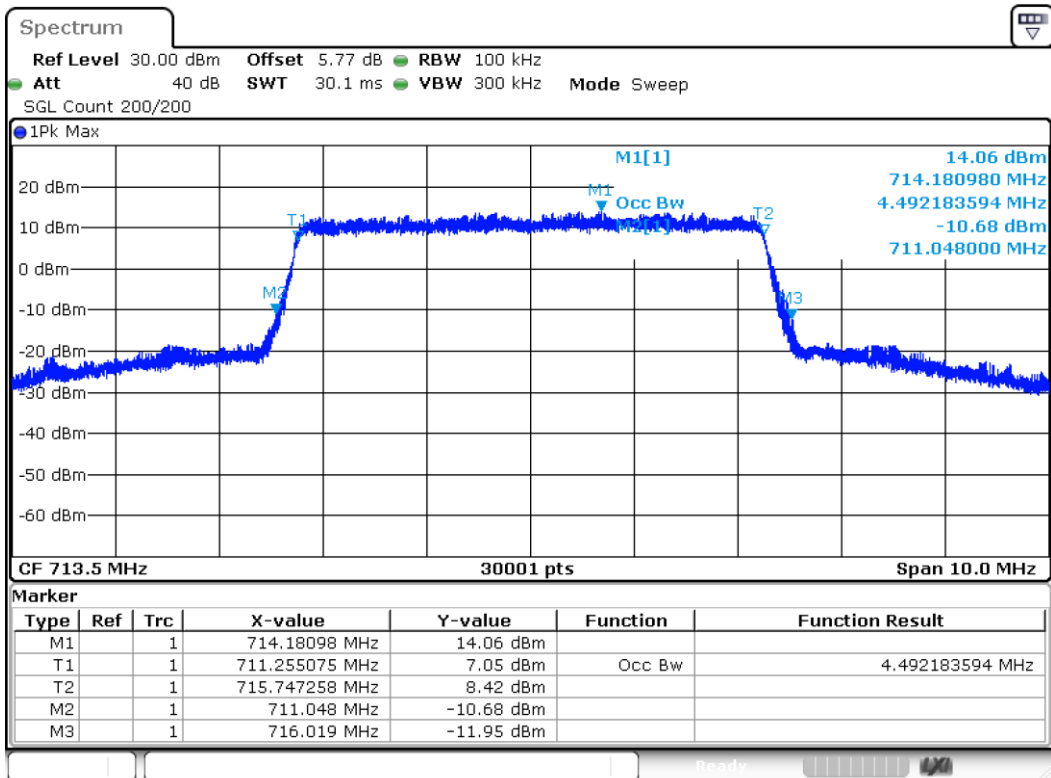
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Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



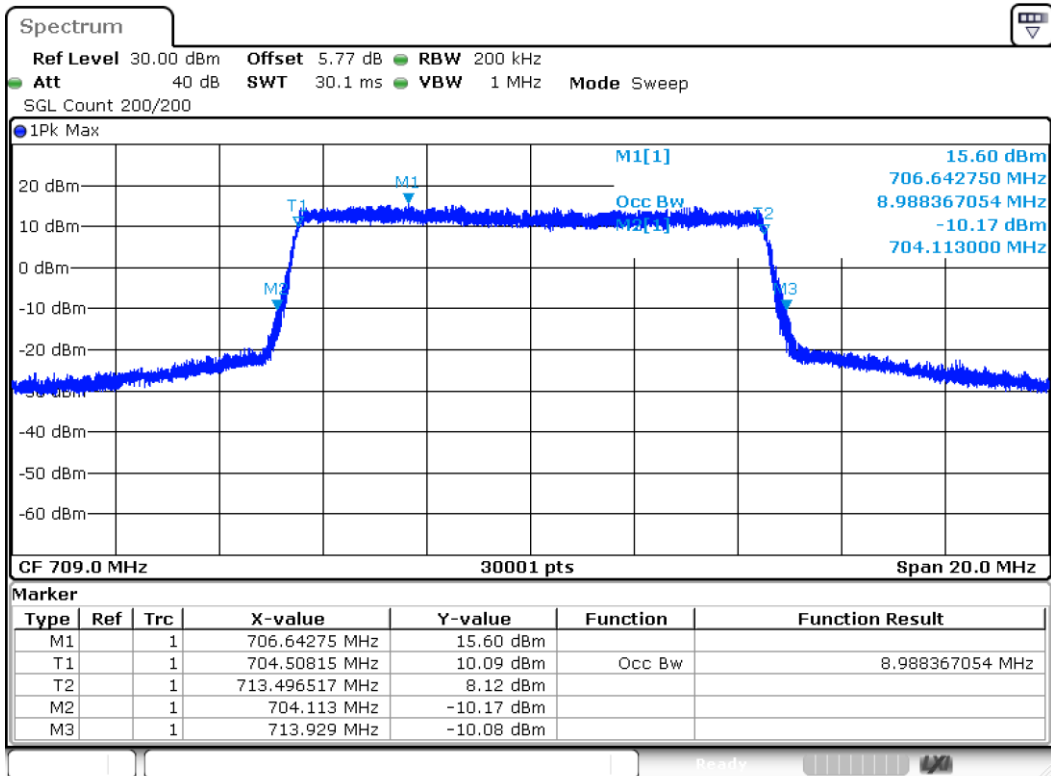
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Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0



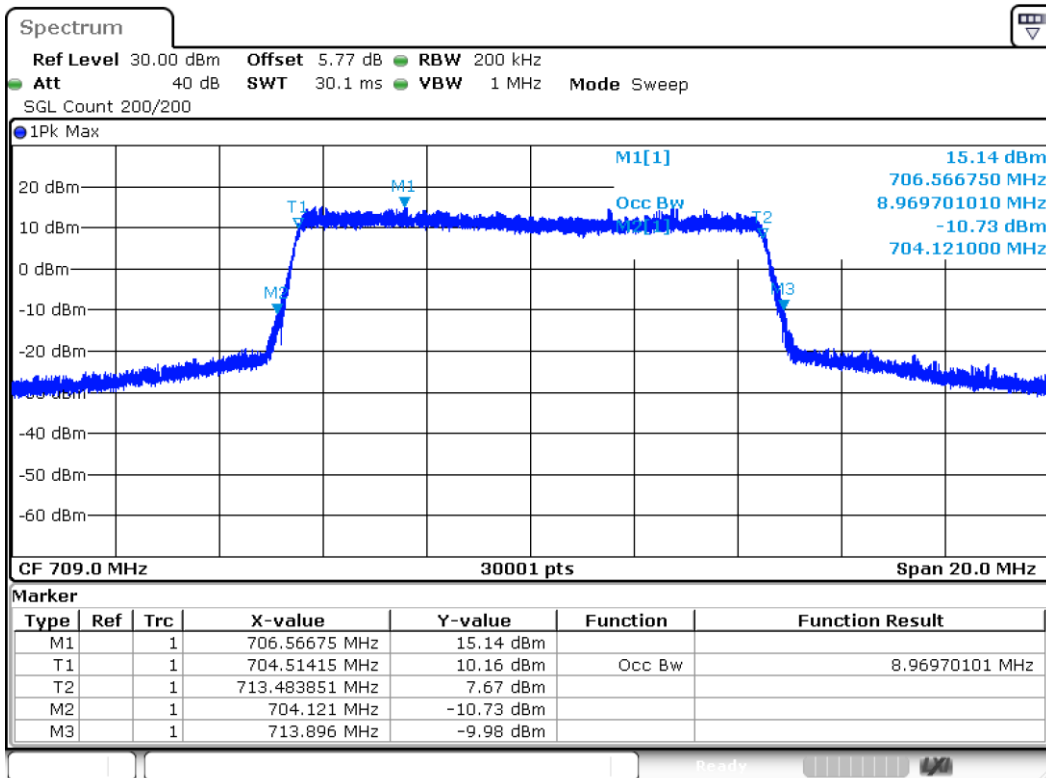
Date: 25.JUN.2024 10:49:15

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



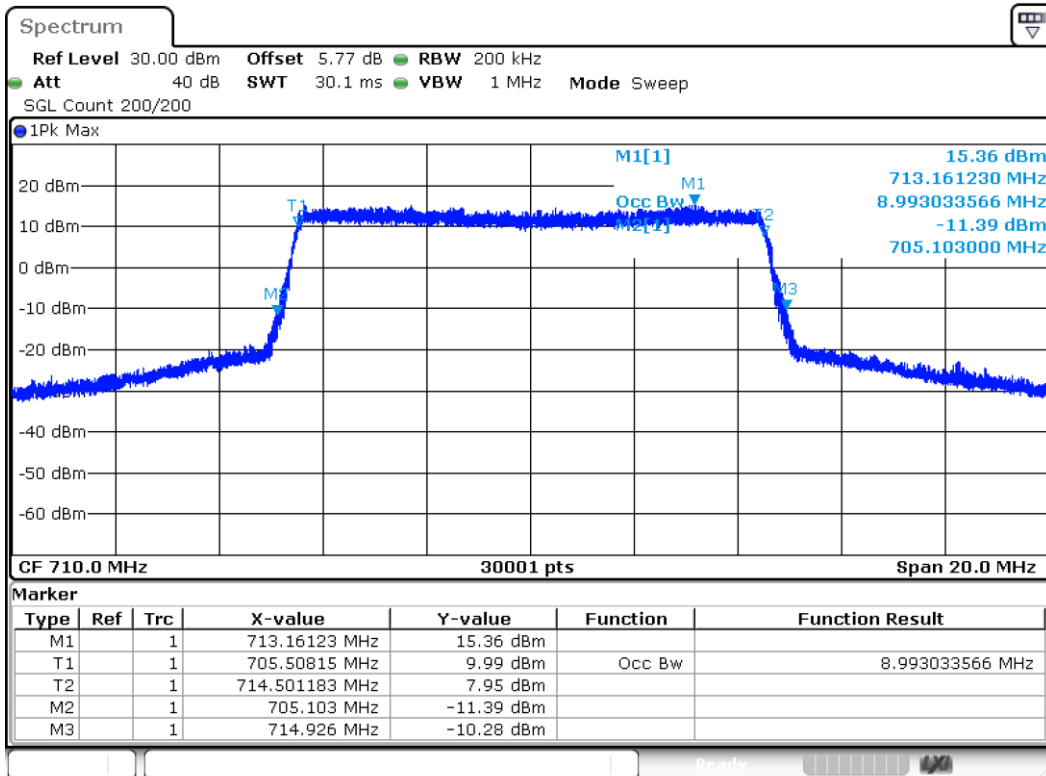
Date: 25.JUN.2024 10:49:35

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



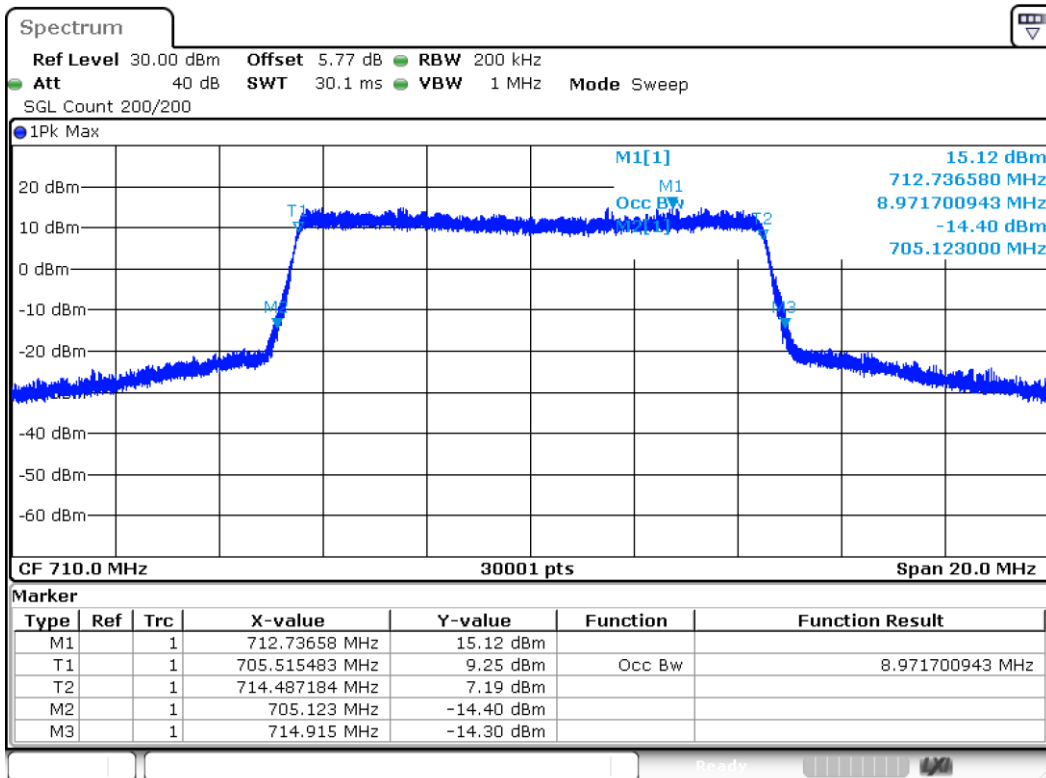
Date: 25.JUN.2024 10:49:53

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



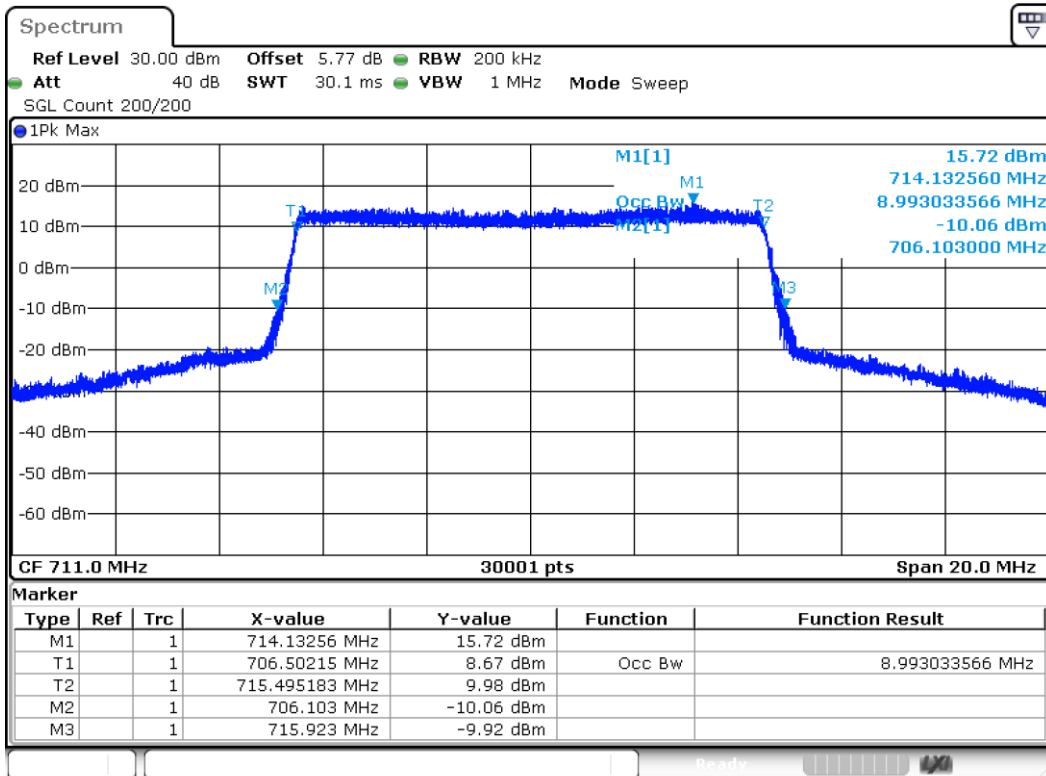
Date: 25.JUN.2024 10:50:12

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



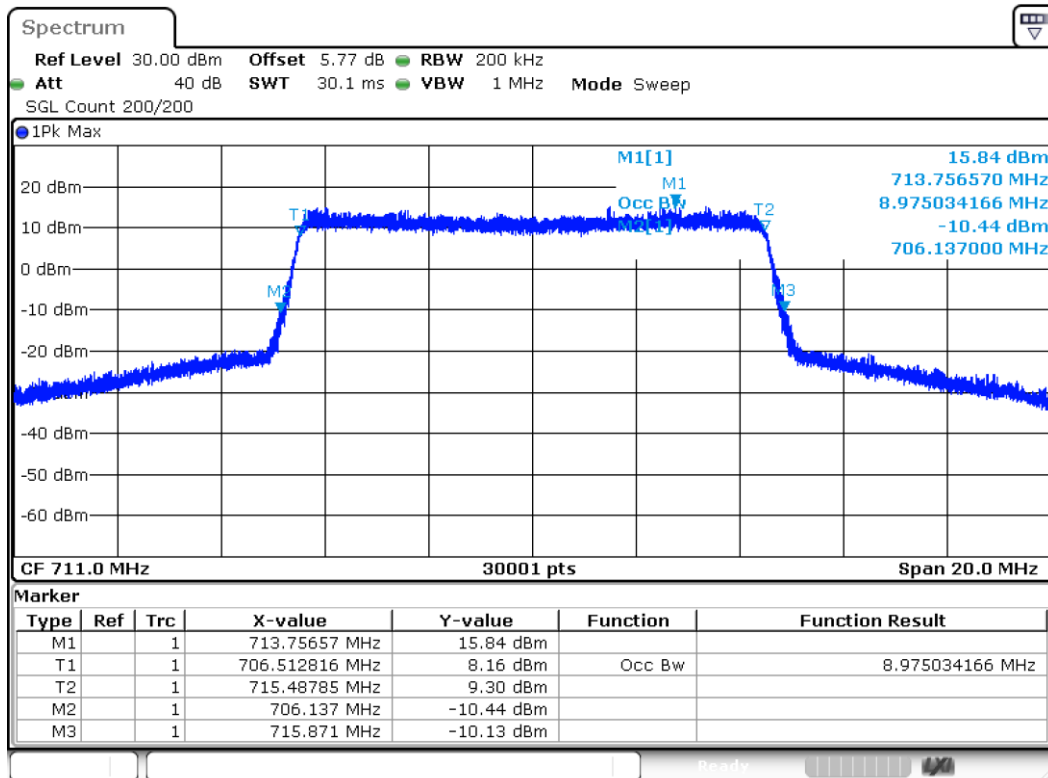
Date: 25.JUN.2024 10:50:30

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



Date: 25.JUN.2024 10:50:49

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

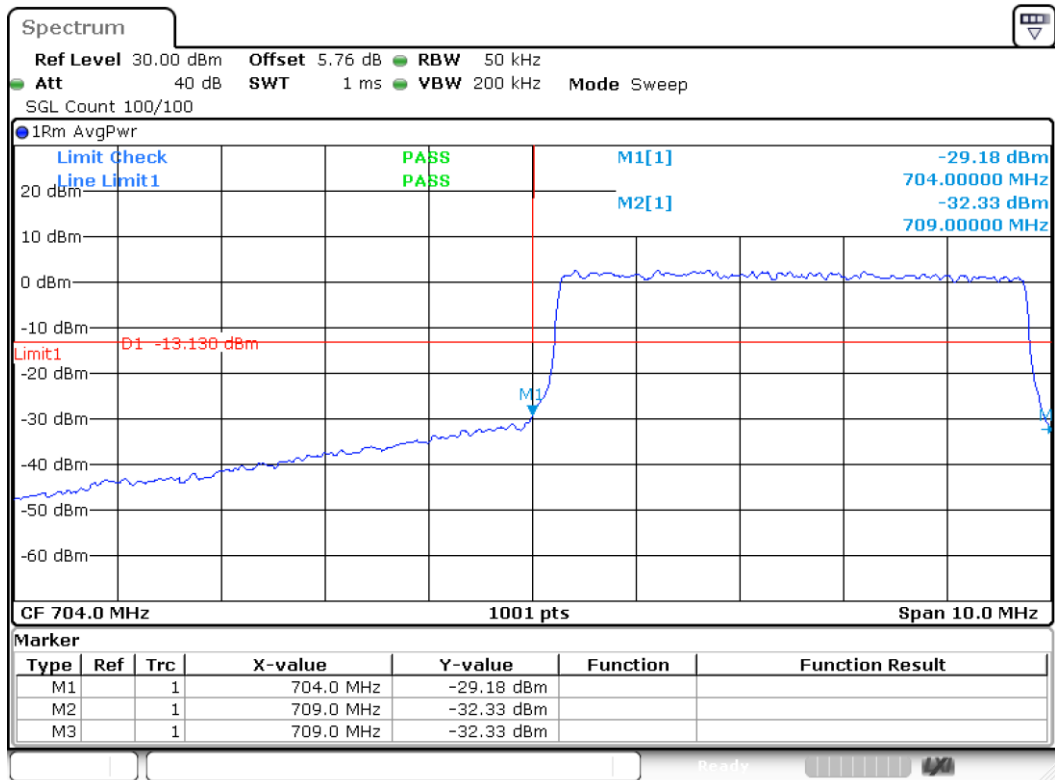


Date: 25.JUN.2024 10:51:07

5 Band edge

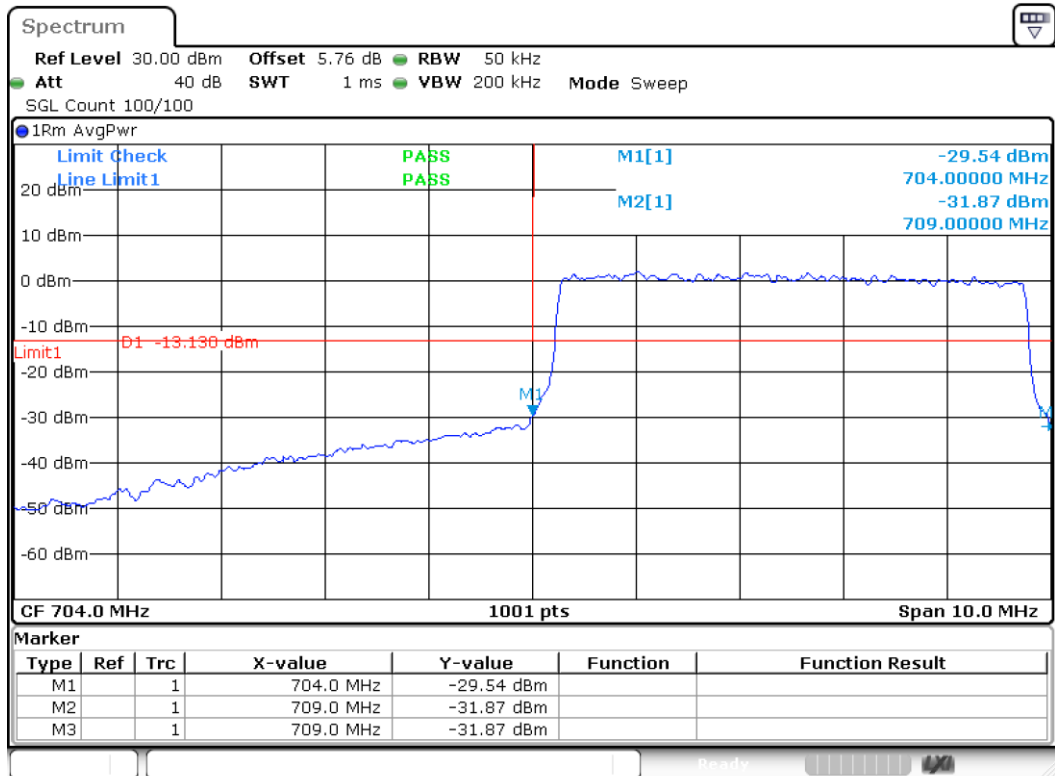
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band17	5	23755	25	#0	QPSK	704.00	-29.17	-13	PASS
Band17	5	23755	25	#0	16QAM	704.00	-29.53	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-28.57	-13	PASS
Band17	5	23825	25	#0	16QAM	716.00	-30.29	-13	PASS
Band17	10	23780	50	#0	QPSK	703.56	-31.88	-13	PASS
Band17	10	23780	50	#0	16QAM	703.96	-31.56	-13	PASS
Band17	10	23800	50	#0	QPSK	716.00	-30.07	-13	PASS
Band17	10	23800	50	#0	16QAM	716.06	-30.96	-13	PASS

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



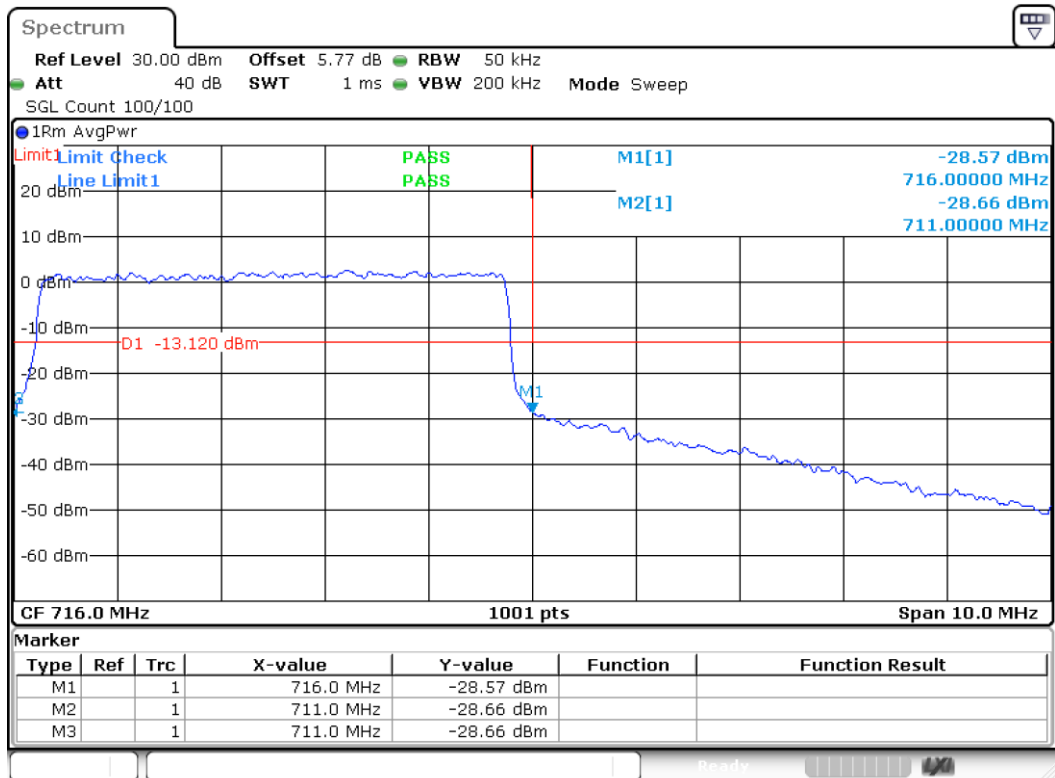
Date: 25.JUN.2024 10:51:22

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



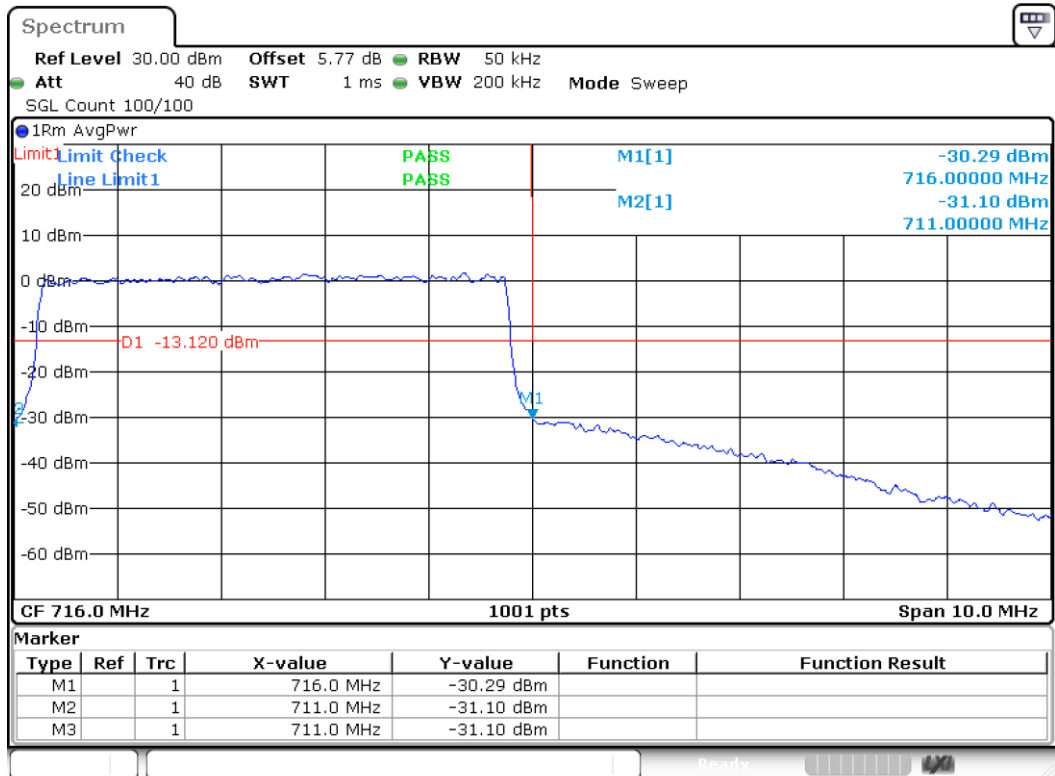
Date: 25.JUN.2024 10:51:27

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



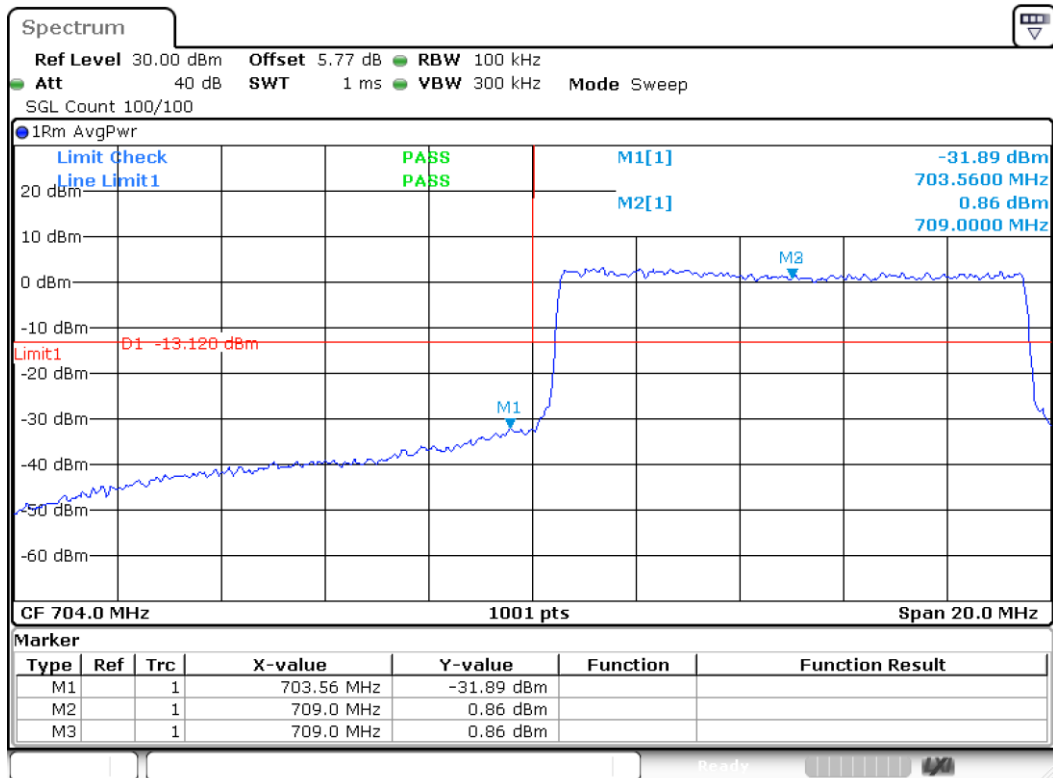
Date: 25.JUN.2024 10:51:32

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



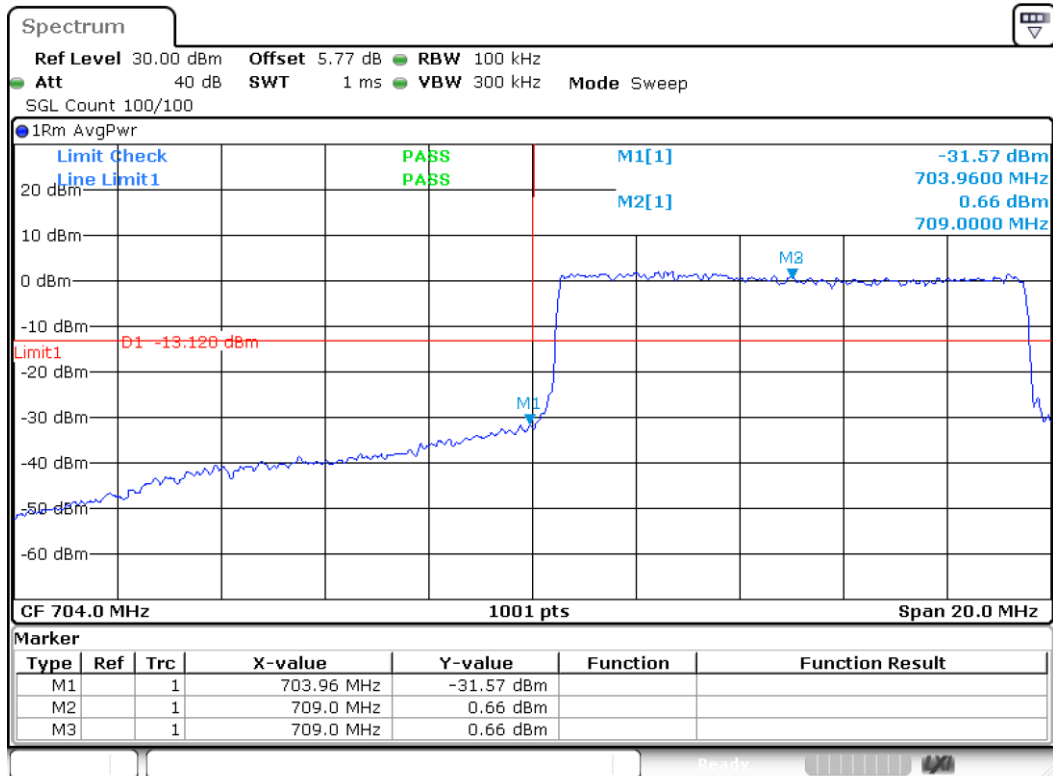
Date: 25.JUN.2024 10:51:37

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



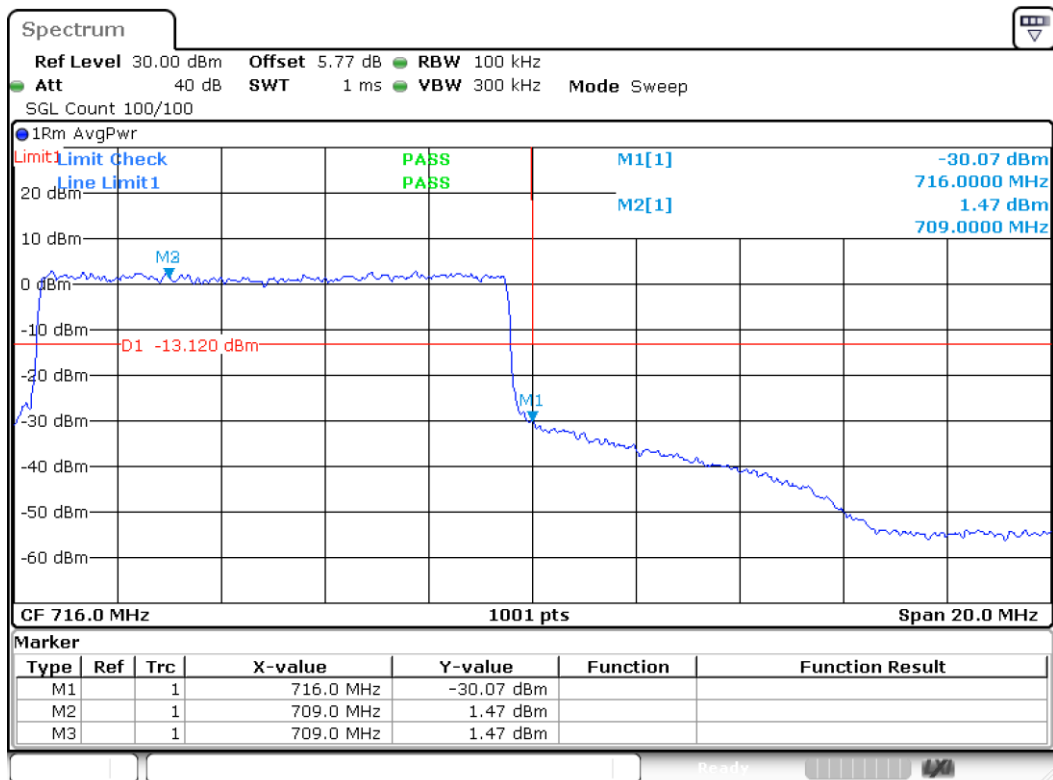
Date: 25.JUN.2024 10:51:43

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



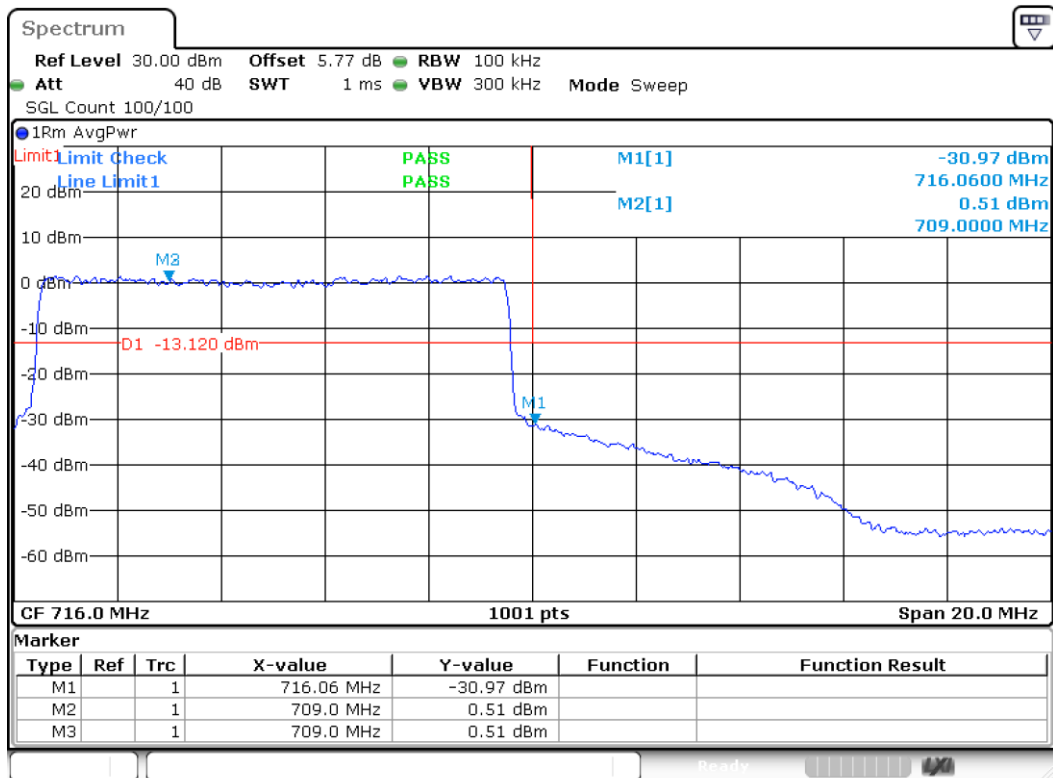
Date: 25.JUN.2024 10:51:48

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



Date: 25.JUN.2024 10:51:53

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

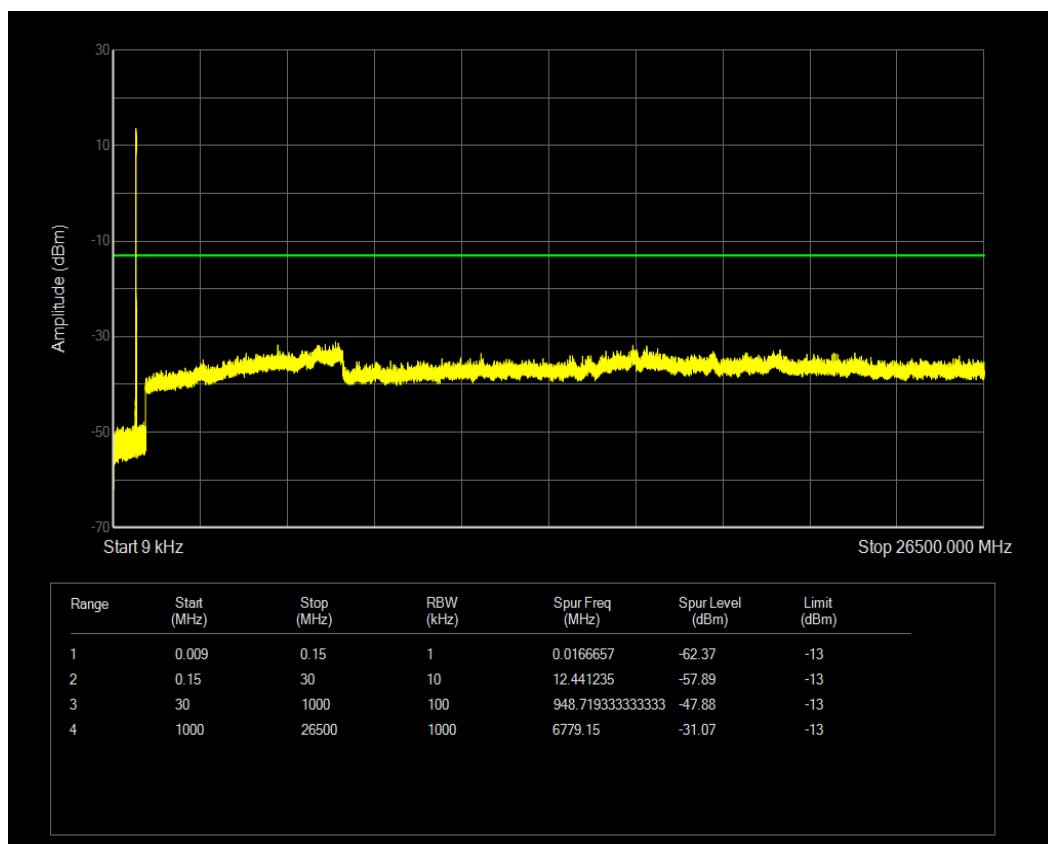


Date: 25.JUN.2024 10:51:59

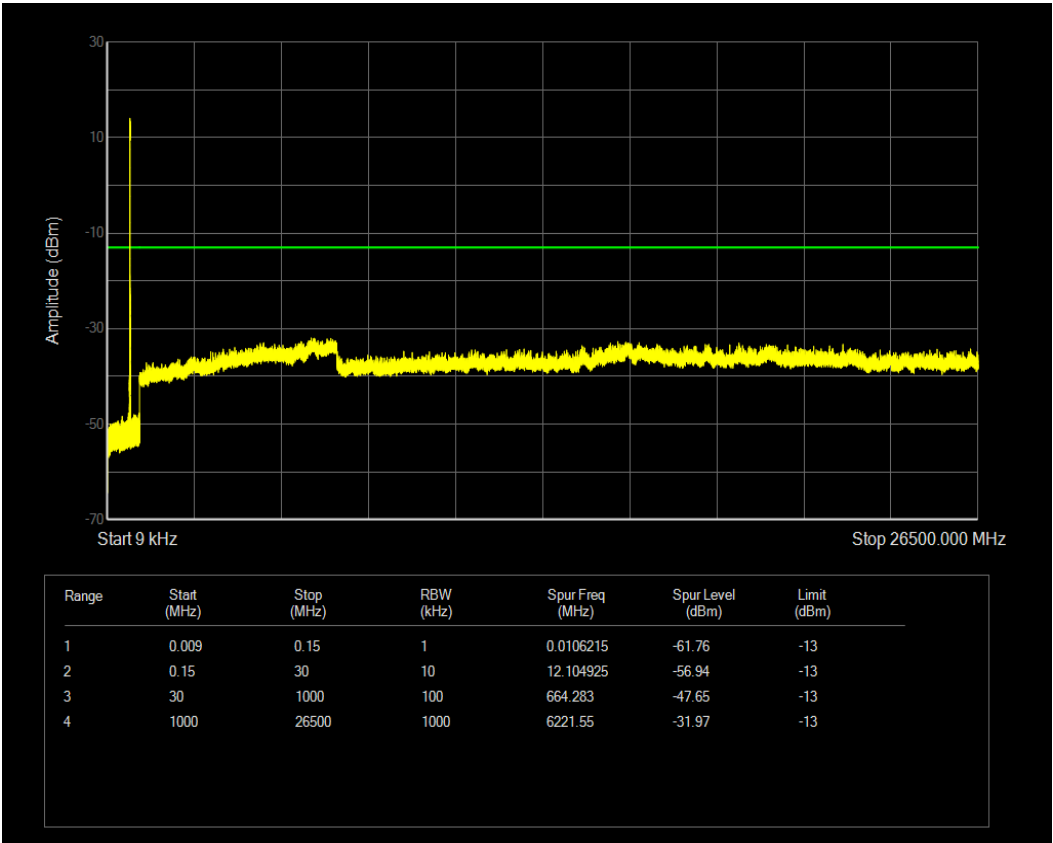
6 Out-of-band emissions

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	6221.55	-31.97	-13	PASS
Band17	5	23755	25	#0	16QAM	6779.15	-31.07	-13	PASS
Band17	5	23825	25	#0	QPSK	6883.70	-31.48	-13	PASS
Band17	5	23825	25	#0	16QAM	6863.30	-31.12	-13	PASS
Band17	10	23780	50	#0	QPSK	6268.30	-30.41	-13	PASS
Band17	10	23780	50	#0	16QAM	6270.00	-31.36	-13	PASS
Band17	10	23800	50	#0	QPSK	6849.70	-30.89	-13	PASS
Band17	10	23800	50	#0	16QAM	6780.00	-31.04	-13	PASS

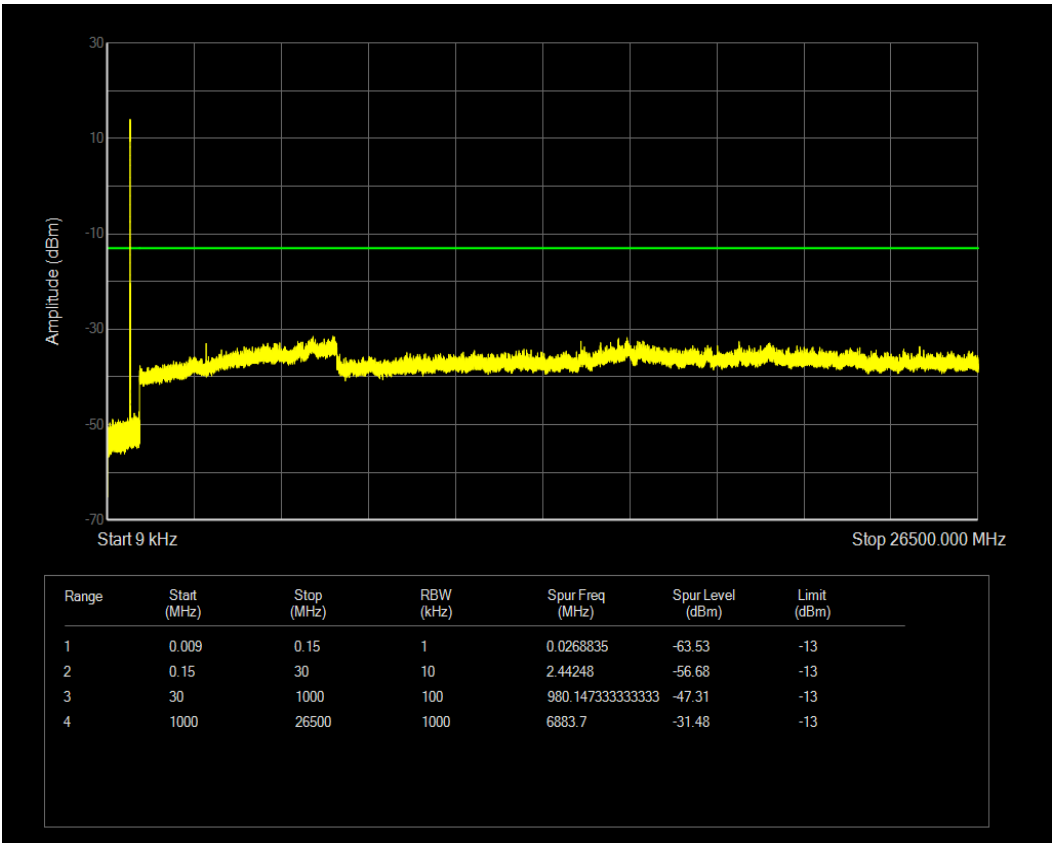
Band17 16QAM BW=5MHz Channel=23755 RB Size=25 Position=#0



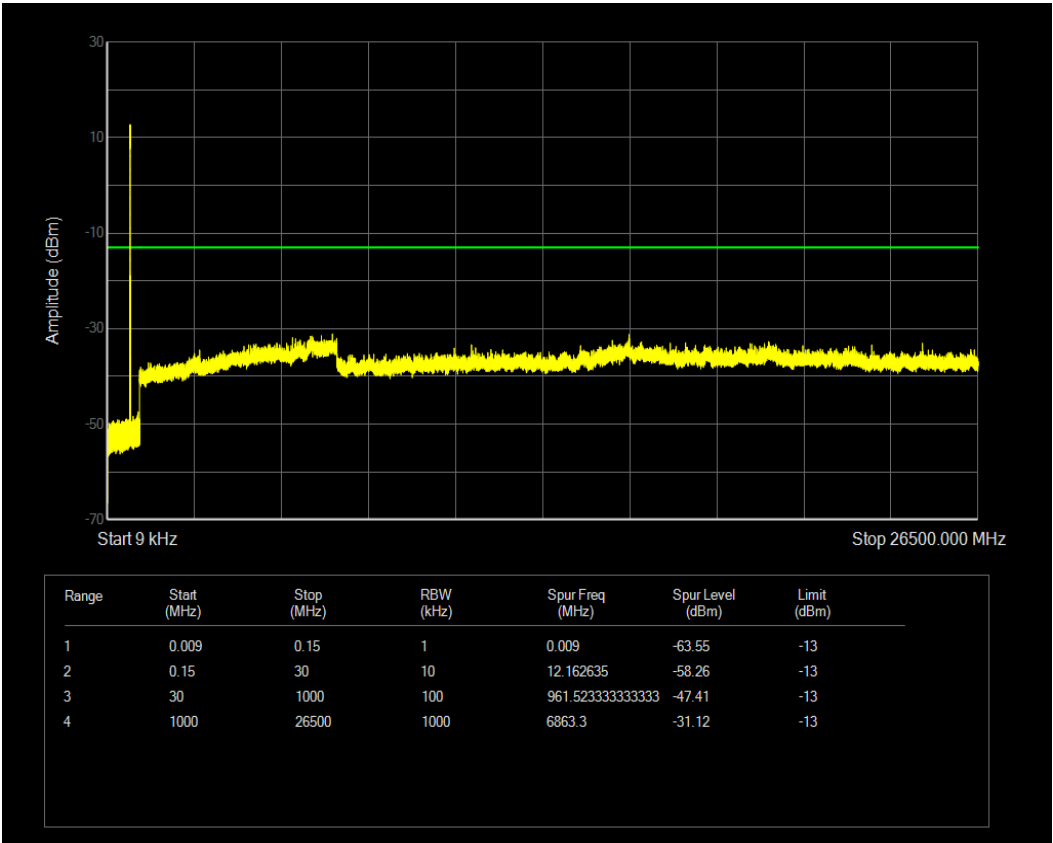
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



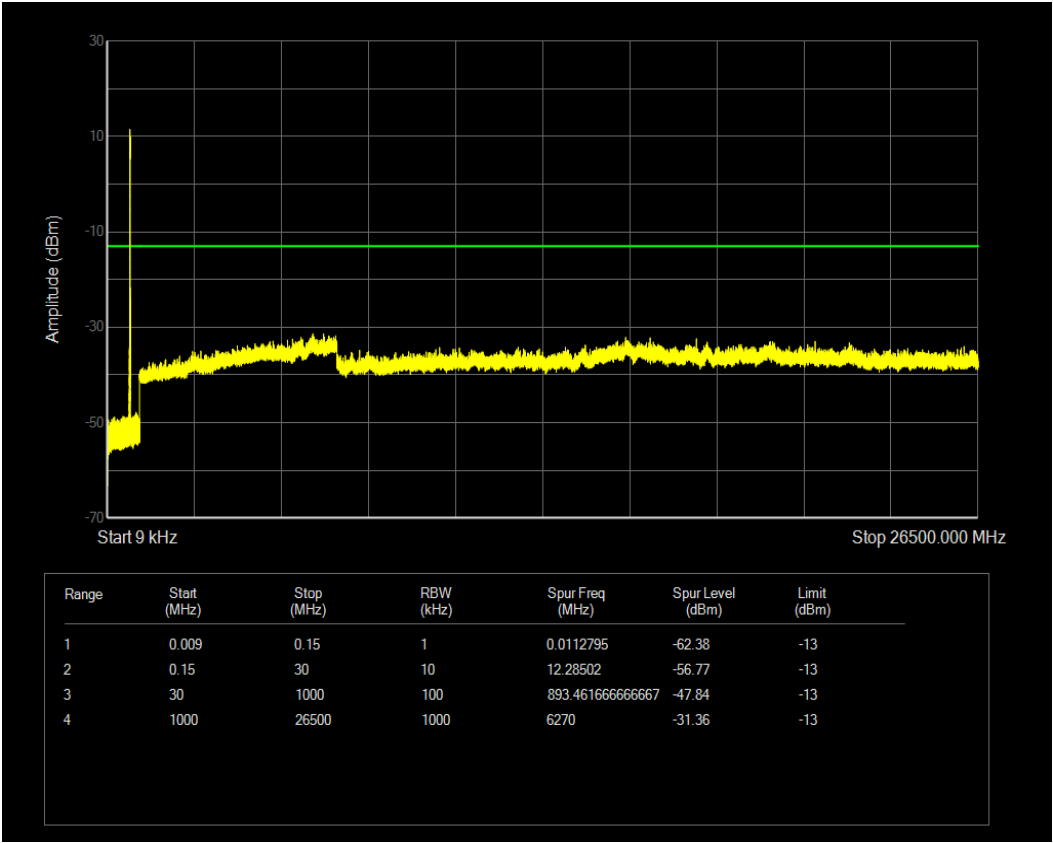
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



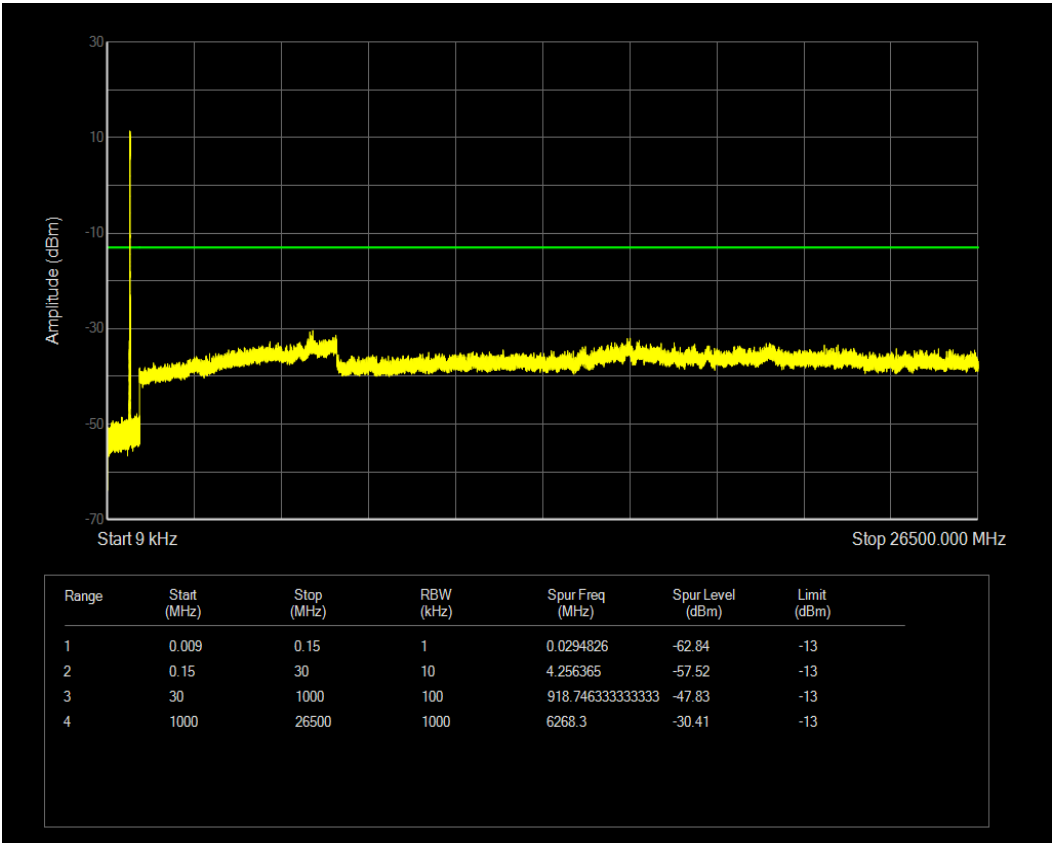
Band17 16QAM BW=5MHz Channel=23825 RB Size=25 Position=#0



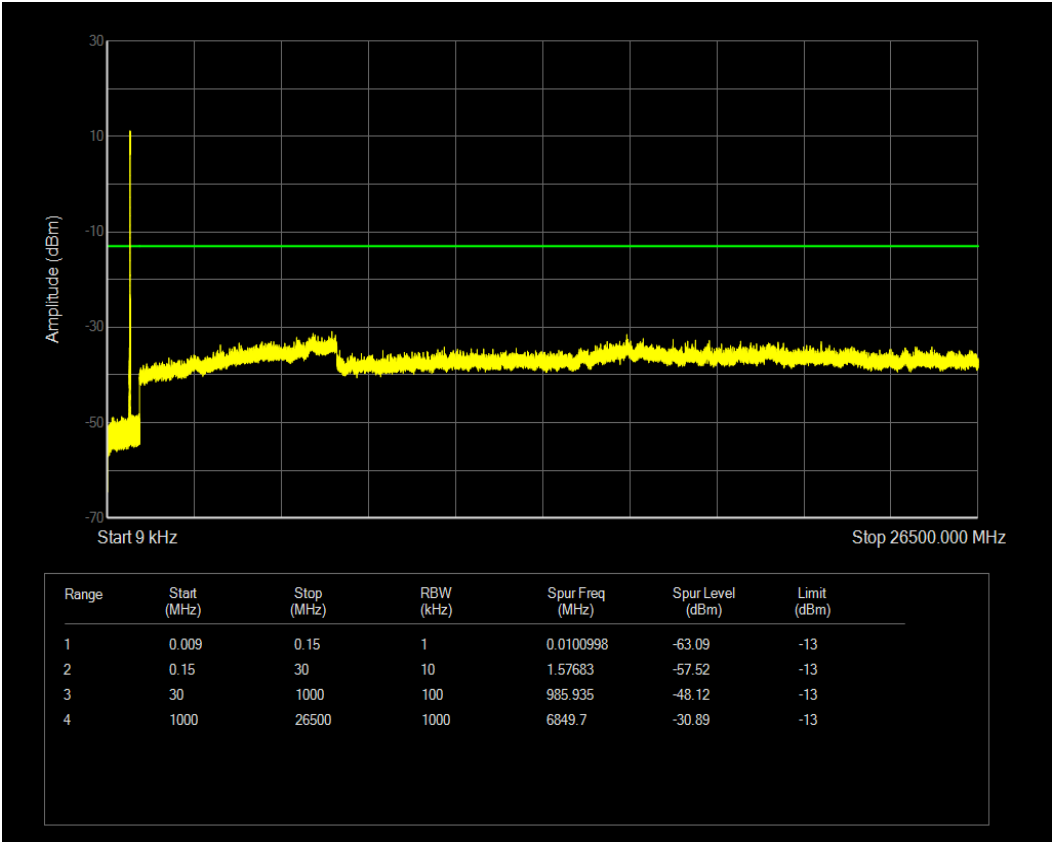
Band17 16QAM BW=10MHz Channel=23780 RB Size=50 Position=#0



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

