

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	22.37	-1.81	18.41	PASS
Band17	5	23755	1	#Mid	QPSK	22.41	-1.81	18.45	PASS
Band17	5	23755	1	#Max	QPSK	22.40	-1.81	18.44	PASS
Band17	5	23755	12	#0	QPSK	21.42	-1.81	17.46	PASS
Band17	5	23755	12	#Mid	QPSK	21.46	-1.81	17.50	PASS
Band17	5	23755	12	#Max	QPSK	21.52	-1.81	17.56	PASS
Band17	5	23755	25	#0	QPSK	21.47	-1.81	17.51	PASS
Band17	5	23755	1	#0	QAM16	21.58	-1.81	17.62	PASS
Band17	5	23755	1	#Mid	QAM16	21.78	-1.81	17.82	PASS
Band17	5	23755	1	#Max	QAM16	21.65	-1.81	17.69	PASS
Band17	5	23755	12	#0	QAM16	20.44	-1.81	16.48	PASS
Band17	5	23755	12	#Mid	QAM16	20.48	-1.81	16.52	PASS
Band17	5	23755	12	#Max	QAM16	20.50	-1.81	16.54	PASS
Band17	5	23755	25	#0	QAM16	20.44	-1.81	16.48	PASS
Band17	5	23790	1	#0	QPSK	22.43	-1.81	18.47	PASS
Band17	5	23790	1	#Mid	QPSK	22.42	-1.81	18.46	PASS
Band17	5	23790	1	#Max	QPSK	22.25	-1.81	18.29	PASS
Band17	5	23790	12	#0	QPSK	21.33	-1.81	17.37	PASS
Band17	5	23790	12	#Mid	QPSK	21.47	-1.81	17.51	PASS
Band17	5	23790	12	#Max	QPSK	21.44	-1.81	17.48	PASS
Band17	5	23790	25	#0	QPSK	21.38	-1.81	17.42	PASS
Band17	5	23790	1	#0	QAM16	21.62	-1.81	17.66	PASS
Band17	5	23790	1	#Mid	QAM16	21.66	-1.81	17.70	PASS
Band17	5	23790	1	#Max	QAM16	21.58	-1.81	17.62	PASS
Band17	5	23790	12	#0	QAM16	20.32	-1.81	16.36	PASS
Band17	5	23790	12	#Mid	QAM16	20.47	-1.81	16.51	PASS
Band17	5	23790	12	#Max	QAM16	20.45	-1.81	16.49	PASS
Band17	5	23790	25	#0	QAM16	20.37	-1.81	16.41	PASS
Band17	5	23825	1	#0	QPSK	22.44	-1.81	18.48	PASS
Band17	5	23825	1	#Mid	QPSK	22.40	-1.81	18.44	PASS
Band17	5	23825	1	#Max	QPSK	22.37	-1.81	18.41	PASS
Band17	5	23825	12	#0	QPSK	21.55	-1.81	17.59	PASS
Band17	5	23825	12	#Mid	QPSK	21.43	-1.81	17.47	PASS
Band17	5	23825	12	#Max	QPSK	21.29	-1.81	17.33	PASS
Band17	5	23825	25	#0	QPSK	21.43	-1.81	17.47	PASS
Band17	5	23825	1	#0	QAM16	21.62	-1.81	17.66	PASS
Band17	5	23825	1	#Mid	QAM16	21.72	-1.81	17.76	PASS
Band17	5	23825	1	#Max	QAM16	21.68	-1.81	17.72	PASS

Band17	5	23825	12	#0	QAM16	20.54	-1.81	16.58	PASS
Band17	5	23825	12	#Mid	QAM16	20.43	-1.81	16.47	PASS
Band17	5	23825	12	#Max	QAM16	20.30	-1.81	16.34	PASS
Band17	5	23825	25	#0	QAM16	20.41	-1.81	16.45	PASS
Band17	10	23780	1	#0	QPSK	22.44	-1.81	18.48	PASS
Band17	10	23780	1	#Mid	QPSK	22.44	-1.81	18.48	PASS
Band17	10	23780	1	#Max	QPSK	22.28	-1.81	18.32	PASS
Band17	10	23780	25	#0	QPSK	21.36	-1.81	17.40	PASS
Band17	10	23780	25	#Mid	QPSK	21.46	-1.81	17.50	PASS
Band17	10	23780	25	#Max	QPSK	21.38	-1.81	17.42	PASS
Band17	10	23780	50	#0	QPSK	21.39	-1.81	17.43	PASS
Band17	10	23780	1	#0	QAM16	21.75	-1.81	17.79	PASS
Band17	10	23780	1	#Mid	QAM16	21.71	-1.81	17.75	PASS
Band17	10	23780	1	#Max	QAM16	21.60	-1.81	17.64	PASS
Band17	10	23780	25	#0	QAM16	20.36	-1.81	16.40	PASS
Band17	10	23780	25	#Mid	QAM16	20.45	-1.81	16.49	PASS
Band17	10	23780	25	#Max	QAM16	20.37	-1.81	16.41	PASS
Band17	10	23780	50	#0	QAM16	20.39	-1.81	16.43	PASS
Band17	10	23790	1	#0	QPSK	22.49	-1.81	18.53	PASS
Band17	10	23790	1	#Mid	QPSK	22.42	-1.81	18.46	PASS
Band17	10	23790	1	#Max	QPSK	22.32	-1.81	18.36	PASS
Band17	10	23790	25	#0	QPSK	21.30	-1.81	17.34	PASS
Band17	10	23790	25	#Mid	QPSK	21.41	-1.81	17.45	PASS
Band17	10	23790	25	#Max	QPSK	21.20	-1.81	17.24	PASS
Band17	10	23790	50	#0	QPSK	21.25	-1.81	17.29	PASS
Band17	10	23790	1	#0	QAM16	21.76	-1.81	17.80	PASS
Band17	10	23790	1	#Mid	QAM16	21.70	-1.81	17.74	PASS
Band17	10	23790	1	#Max	QAM16	21.63	-1.81	17.67	PASS
Band17	10	23790	25	#0	QAM16	20.30	-1.81	16.34	PASS
Band17	10	23790	25	#Mid	QAM16	20.39	-1.81	16.43	PASS
Band17	10	23790	25	#Max	QAM16	20.19	-1.81	16.23	PASS
Band17	10	23790	50	#0	QAM16	20.23	-1.81	16.27	PASS
Band17	10	23800	1	#0	QPSK	22.55	-1.81	18.59	PASS
Band17	10	23800	1	#Mid	QPSK	22.48	-1.81	18.52	PASS
Band17	10	23800	1	#Max	QPSK	22.38	-1.81	18.42	PASS
Band17	10	23800	25	#0	QPSK	21.34	-1.81	17.38	PASS
Band17	10	23800	25	#Mid	QPSK	21.45	-1.81	17.49	PASS
Band17	10	23800	25	#Max	QPSK	21.13	-1.81	17.17	PASS
Band17	10	23800	50	#0	QPSK	21.24	-1.81	17.28	PASS
Band17	10	23800	1	#0	QAM16	21.90	-1.81	17.94	PASS
Band17	10	23800	1	#Mid	QAM16	21.73	-1.81	17.77	PASS
Band17	10	23800	1	#Max	QAM16	21.67	-1.81	17.71	PASS

Band17	10	23800	25	#0	QAM16	20.34	-1.81	16.38	PASS
Band17	10	23800	25	#Mid	QAM16	20.44	-1.81	16.48	PASS
Band17	10	23800	25	#Max	QAM16	20.13	-1.81	16.17	PASS
Band17	10	23800	50	#0	QAM16	20.23	-1.81	16.27	PASS

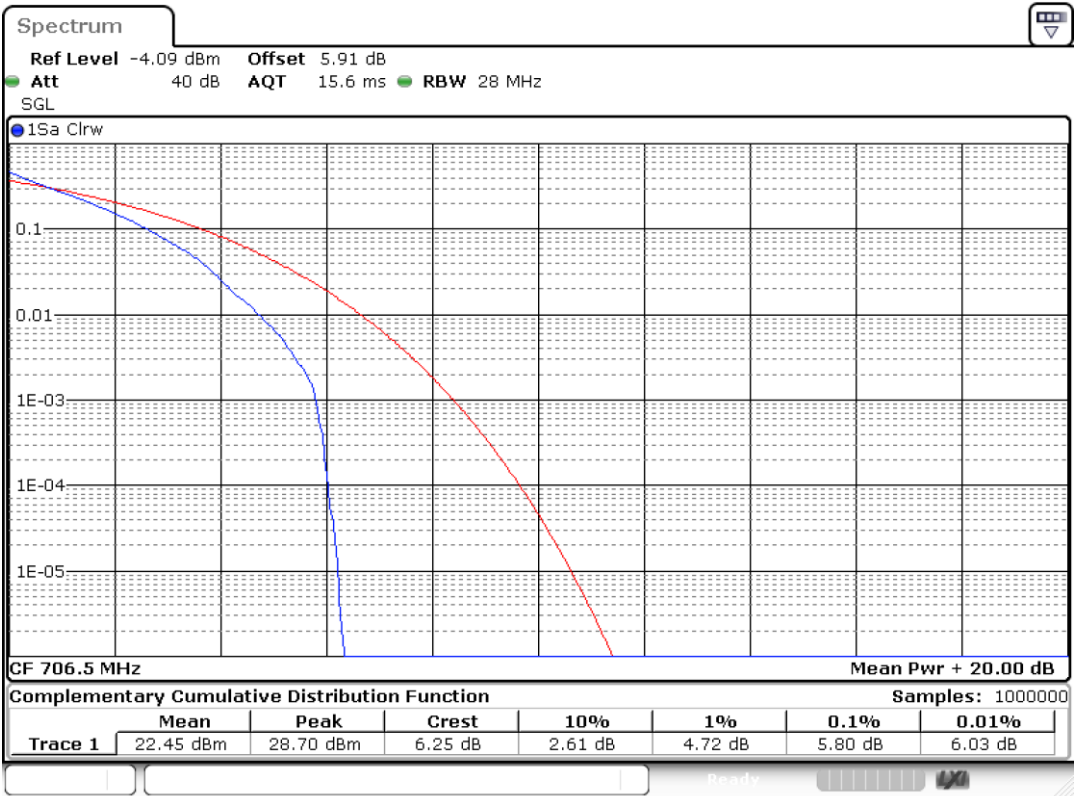
2 Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band17	5	23755	25	#0	QPSK	0.00	0.000	-2.5	2.5	PASS
Band17	5	23755	25	#0	QAM16	0.00	0.000	-2.5	2.5	PASS
Band17	5	23790	25	#0	QPSK	0.00	0.000	-2.5	2.5	PASS
Band17	5	23790	25	#0	QAM16	0.00	0.000	-2.5	2.5	PASS
Band17	5	23825	25	#0	QPSK	0.00	0.000	-2.5	2.5	PASS
Band17	5	23825	25	#0	QAM16	0.00	0.000	-2.5	2.5	PASS

3 Peak-to-Average Ratio

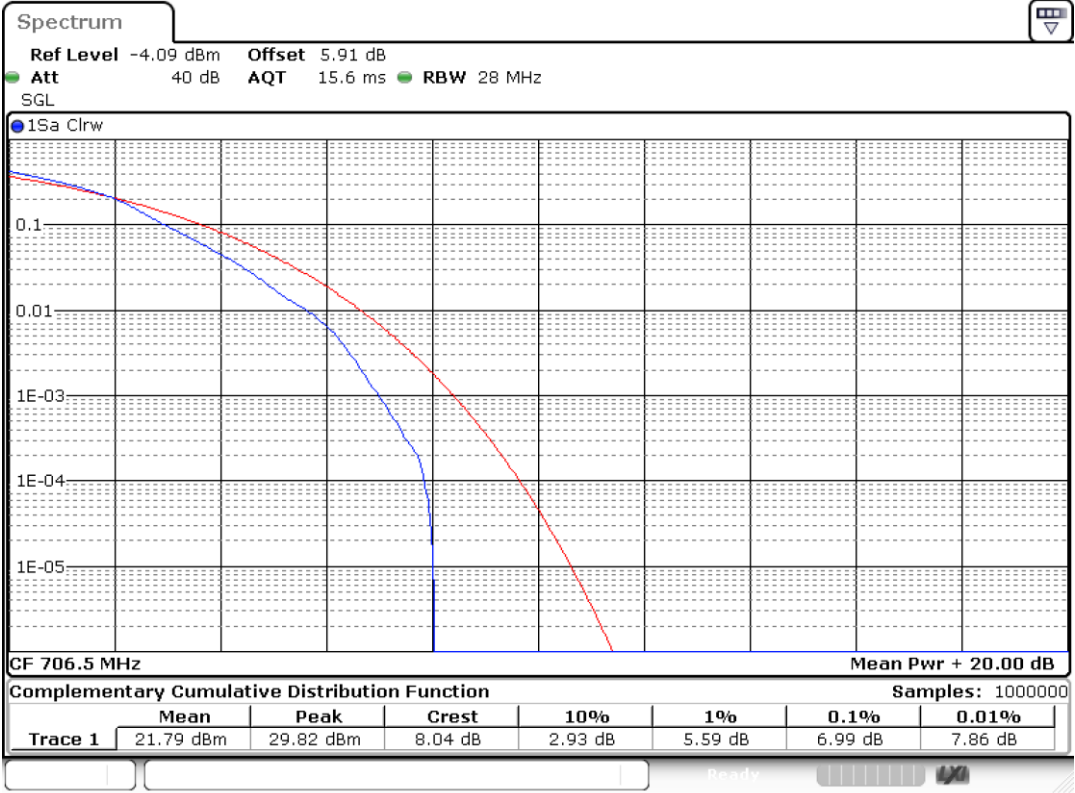
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band17	5	23755	1	#0	QPSK	5.80	13	PASS
Band17	5	23755	1	#0	QAM16	6.99	13	PASS
Band17	5	23790	1	#0	QPSK	5.57	13	PASS
Band17	5	23790	1	#0	QAM16	6.70	13	PASS
Band17	5	23825	1	#0	QPSK	4.70	13	PASS
Band17	5	23825	1	#0	QAM16	5.62	13	PASS
Band17	10	23780	1	#0	QPSK	5.83	13	PASS
Band17	10	23780	1	#0	QAM16	7.13	13	PASS
Band17	10	23790	1	#0	QPSK	5.83	13	PASS
Band17	10	23790	1	#0	QAM16	6.96	13	PASS
Band17	10	23800	1	#0	QPSK	5.80	13	PASS
Band17	10	23800	1	#0	QAM16	7.07	13	PASS

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



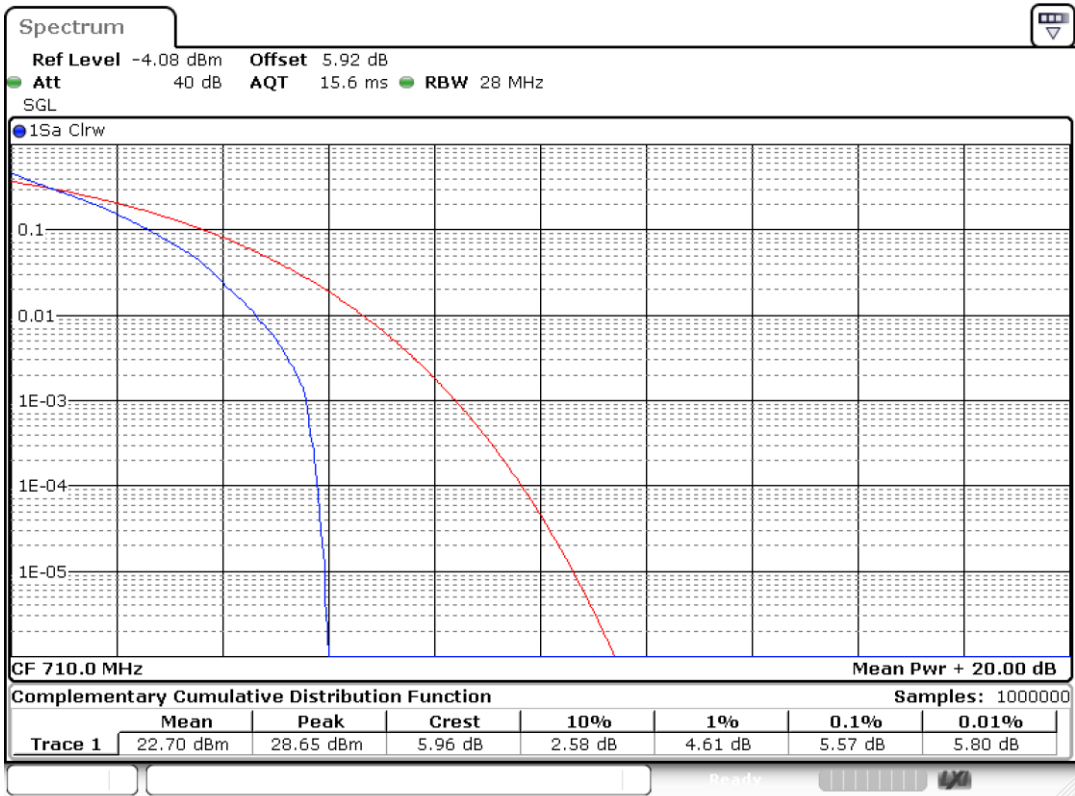
Date: 27.NOV.2024 13:00:55

Band17 QAM16 BW=5MHz Channel=23755 RB Size=1 Position=#0



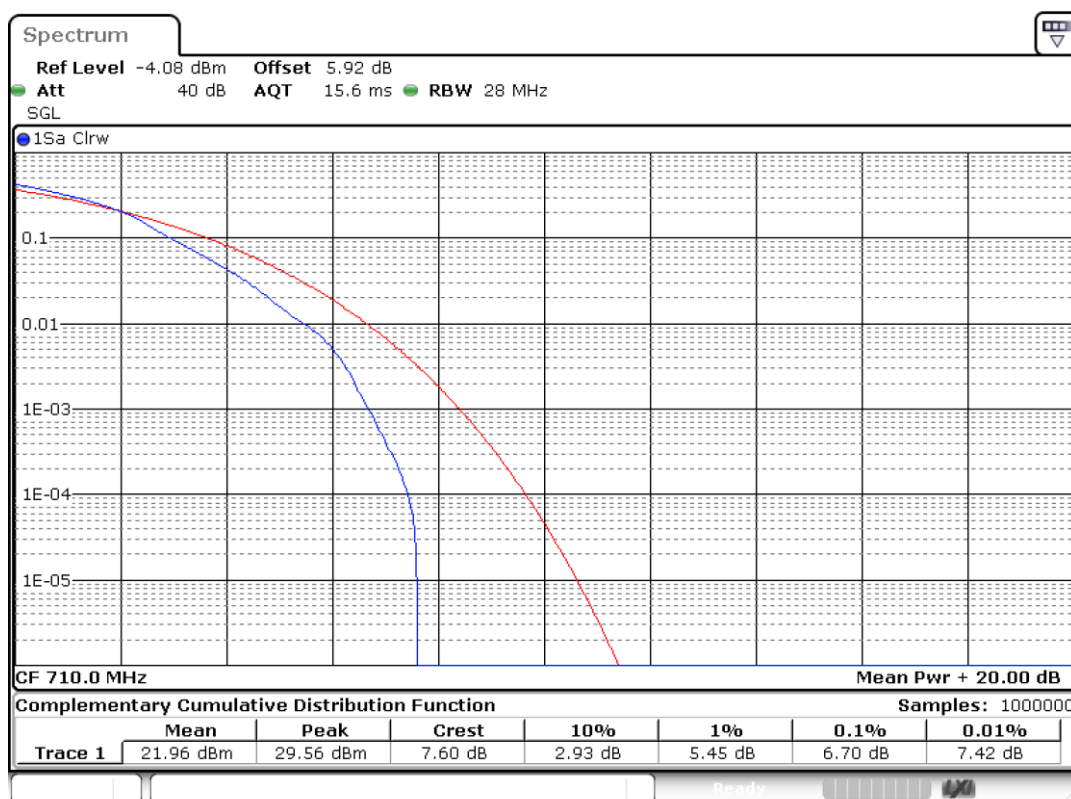
Date: 27.NOV.2024 13:01:00

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



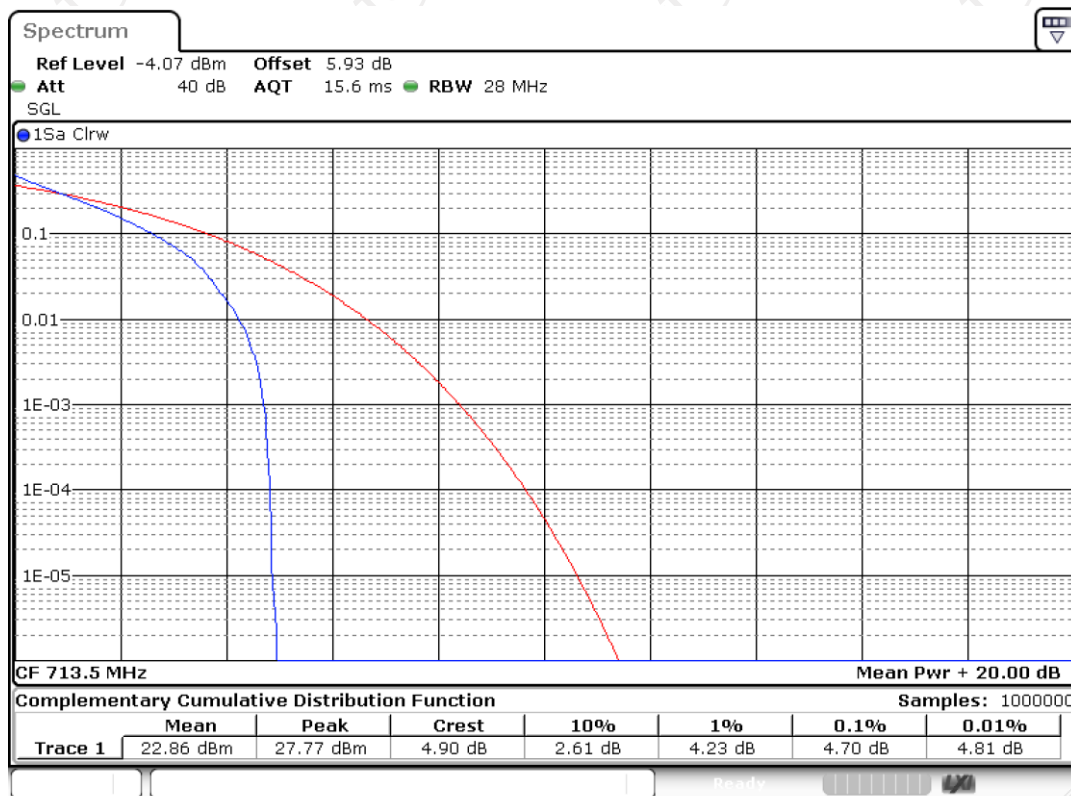
Date: 27.NOV.2024 13:01:05

Band17 QAM16 BW=5MHz Channel=23790 RB Size=1 Position=#0



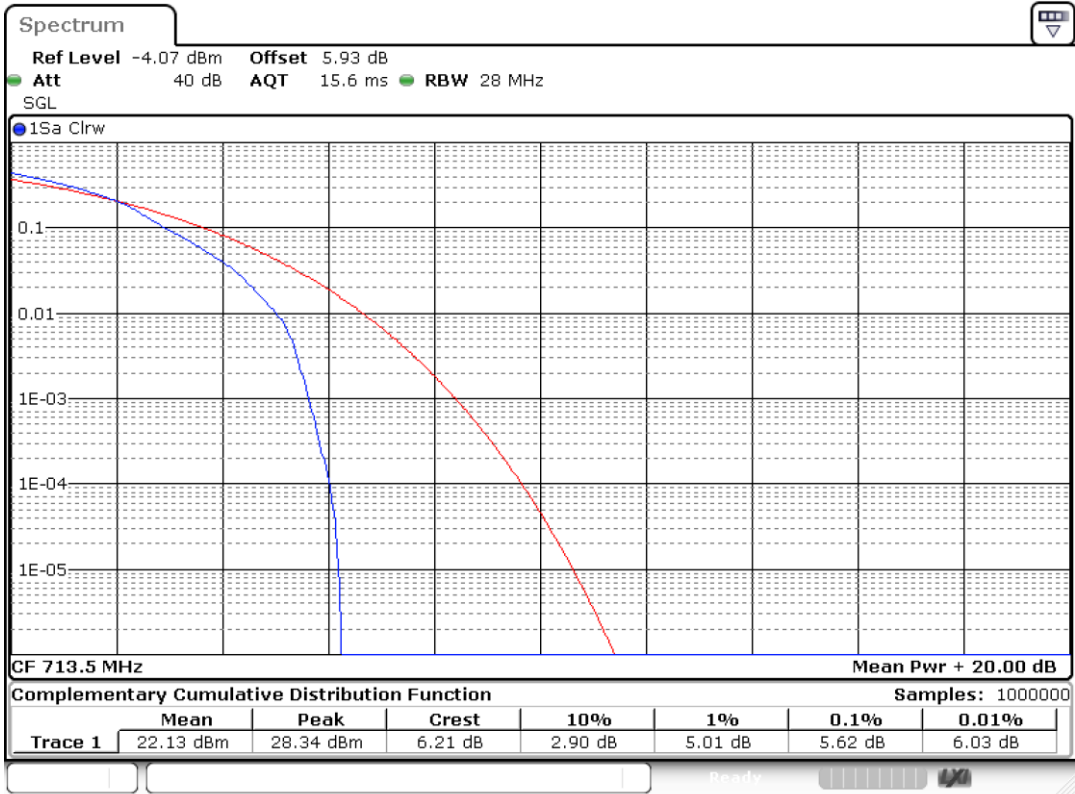
Date: 27.NOV.2024 13:01:09

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



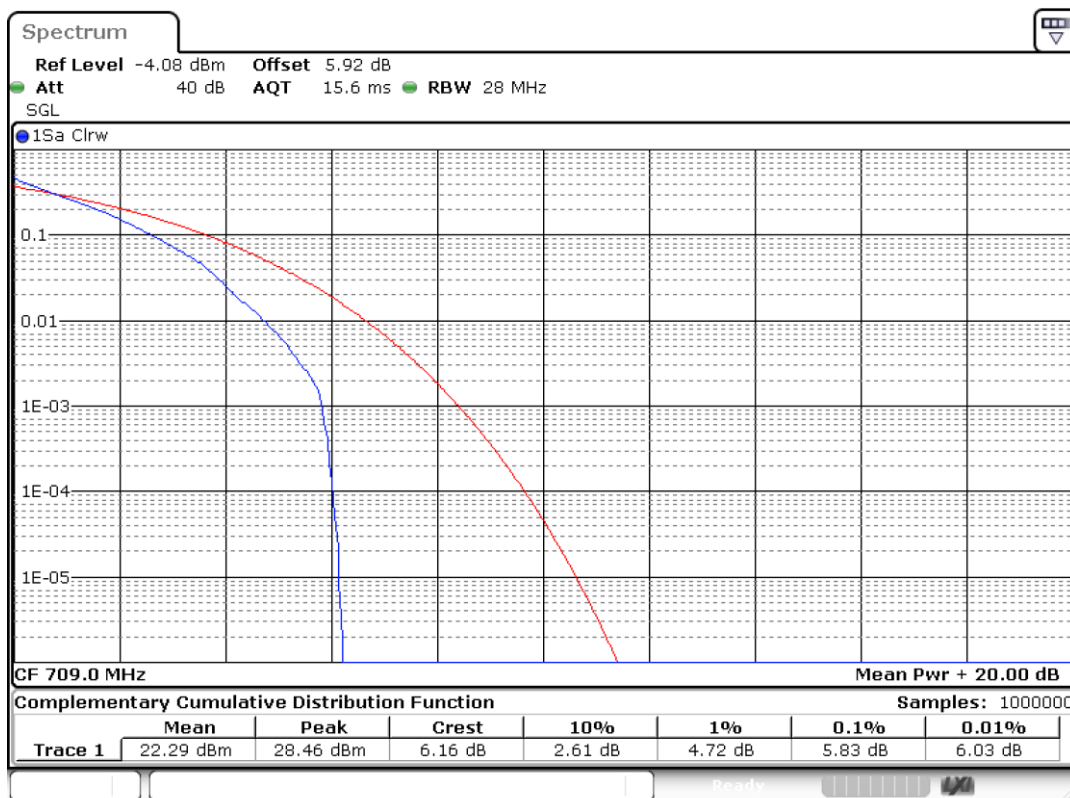
Date: 27.NOV.2024 13:01:14

Band17 QAM16 BW=5MHz Channel=23825 RB Size=1 Position=#0



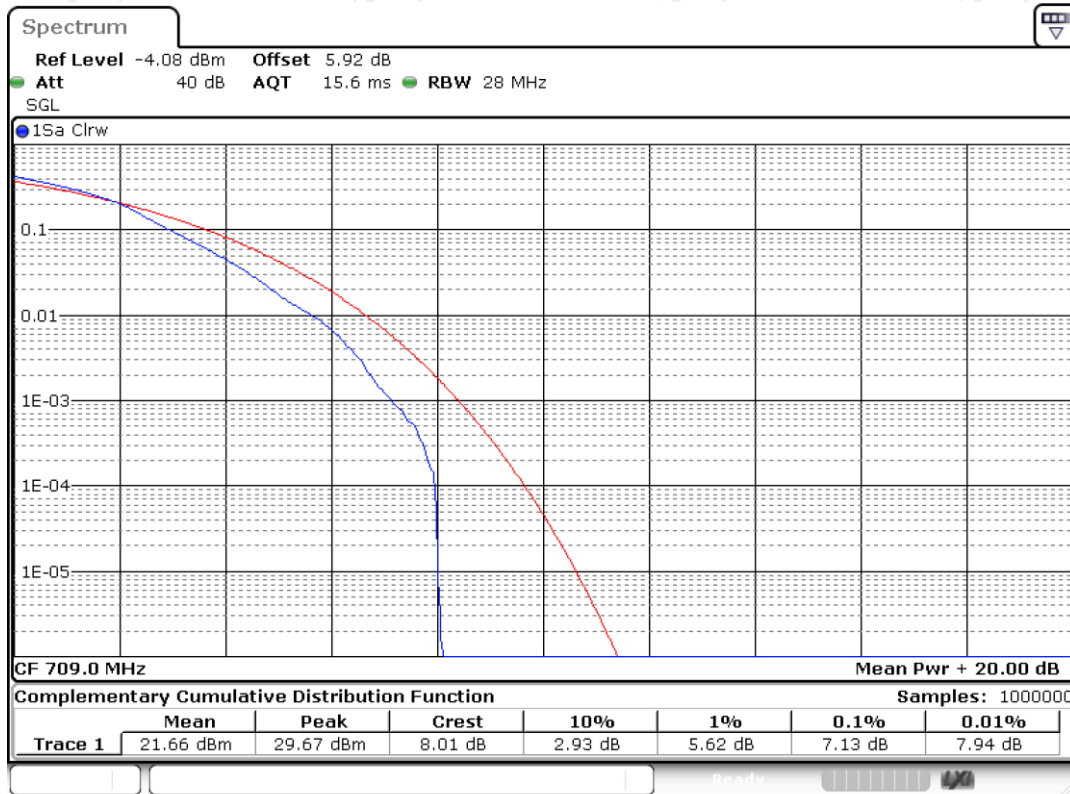
Date: 27.NOV.2024 13:01:18

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



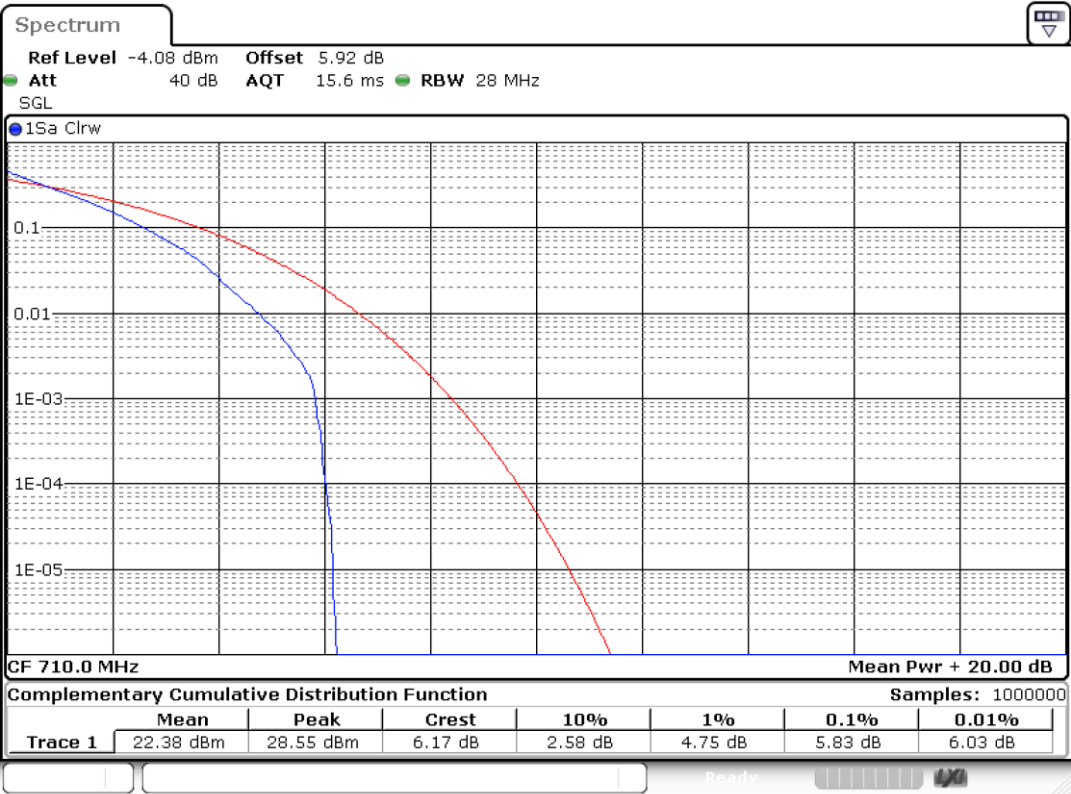
Date: 27.NOV.2024 13:01:23

Band17 QAM16 BW=10MHz Channel=23780 RB Size=1 Position=#0



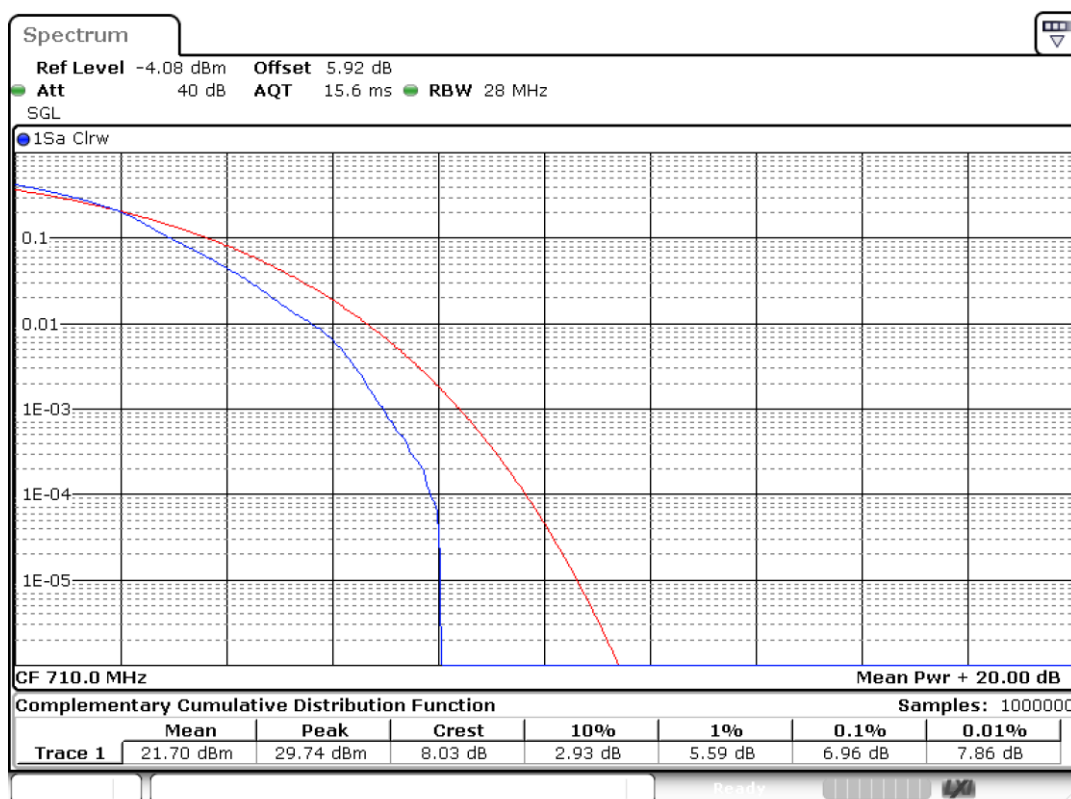
Date: 27.NOV.2024 13:01:28

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



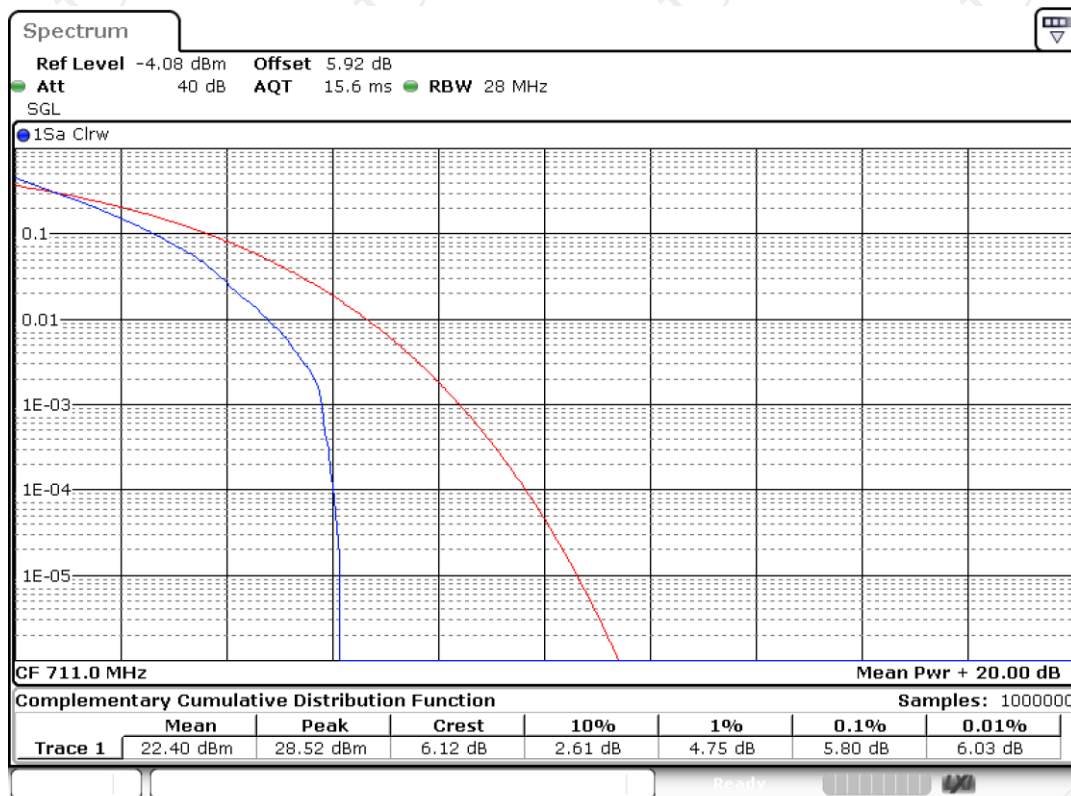
Date: 27.NOV.2024 13:01:33

Band17 QAM16 BW=10MHz Channel=23790 RB Size=1 Position=#0



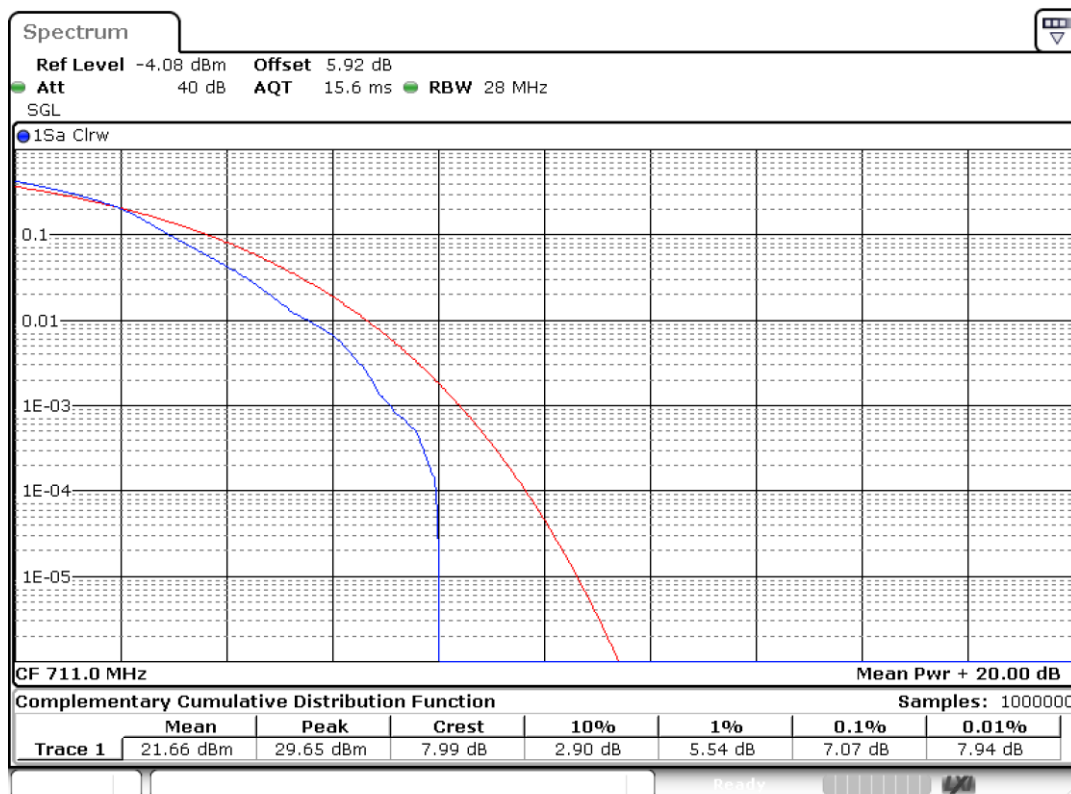
Date: 27.NOV.2024 13:01:37

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



Date: 27.NOV.2024 13:01:42

Band17 QAM16 BW=10MHz Channel=23800 RB Size=1 Position=#0

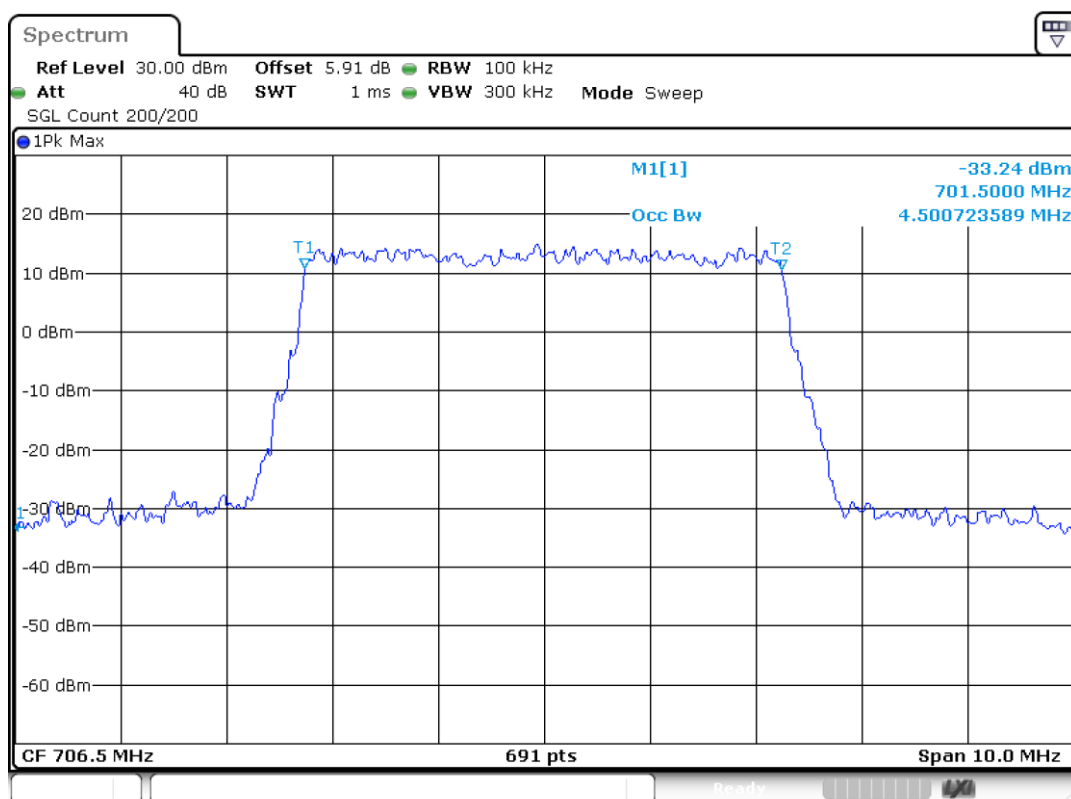


Date: 27.NOV.2024 13:01:46

4 Occupied bandwidth

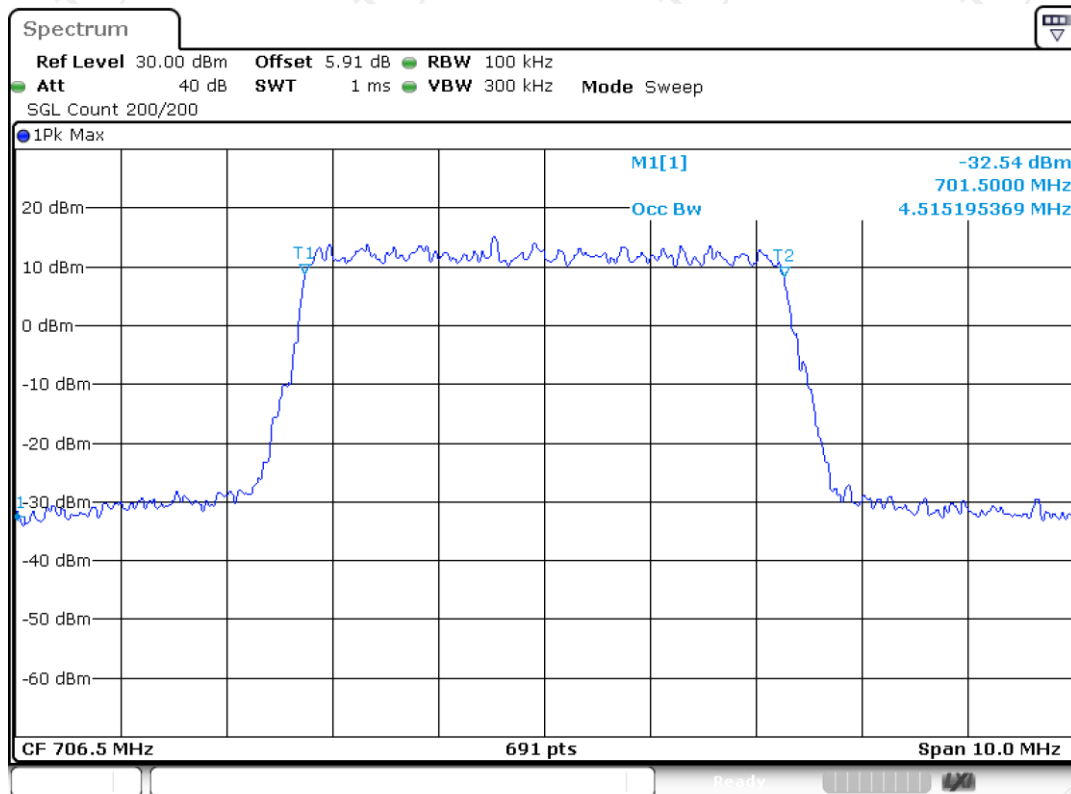
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band17	5	23755	25	#0	QPSK	4.501	5.029	PASS
Band17	5	23755	25	#0	QAM16	4.515	5.000	PASS
Band17	5	23790	25	#0	QPSK	4.501	4.971	PASS
Band17	5	23790	25	#0	QAM16	4.501	4.971	PASS
Band17	5	23825	25	#0	QPSK	4.486	4.928	PASS
Band17	5	23825	25	#0	QAM16	4.486	4.928	PASS
Band17	10	23780	50	#0	QPSK	9.001	9.855	PASS
Band17	10	23780	50	#0	QAM16	9.001	9.652	PASS
Band17	10	23790	50	#0	QPSK	8.973	9.623	PASS
Band17	10	23790	50	#0	QAM16	8.973	9.652	PASS
Band17	10	23800	50	#0	QPSK	8.973	9.739	PASS
Band17	10	23800	50	#0	QAM16	8.973	9.710	PASS

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



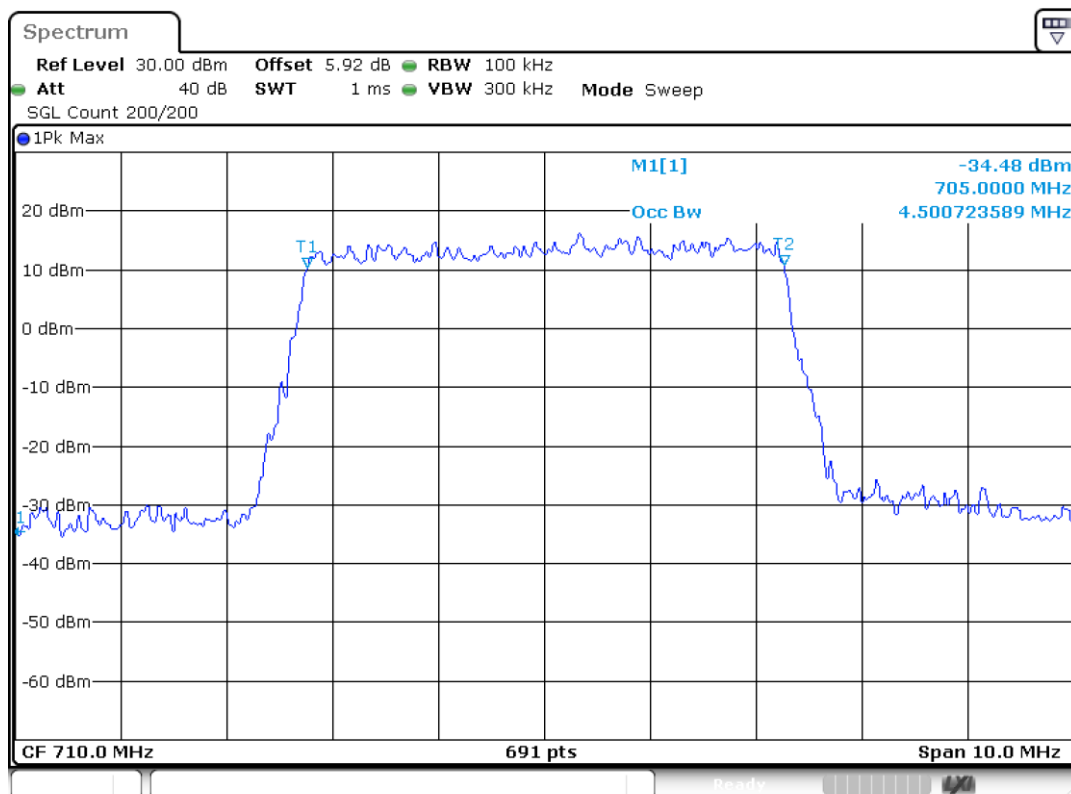
Date: 27.NOV.2024 13:02:04

Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



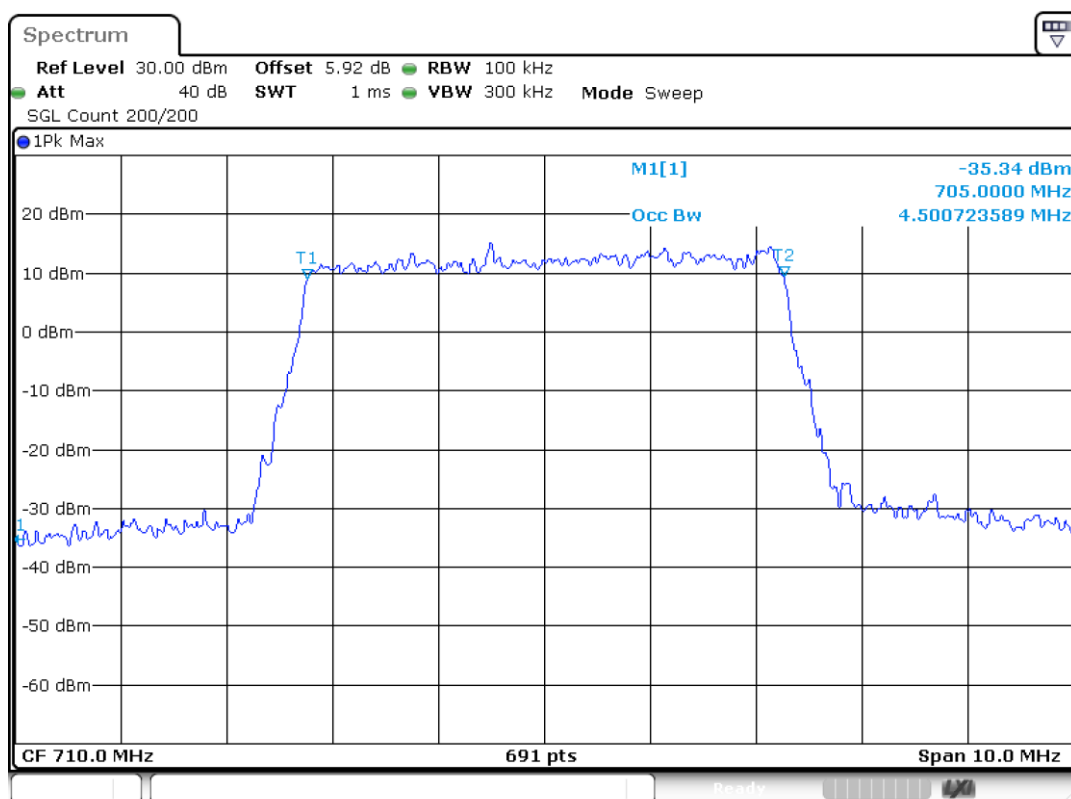
Date: 27.NOV.2024 13:02:09

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



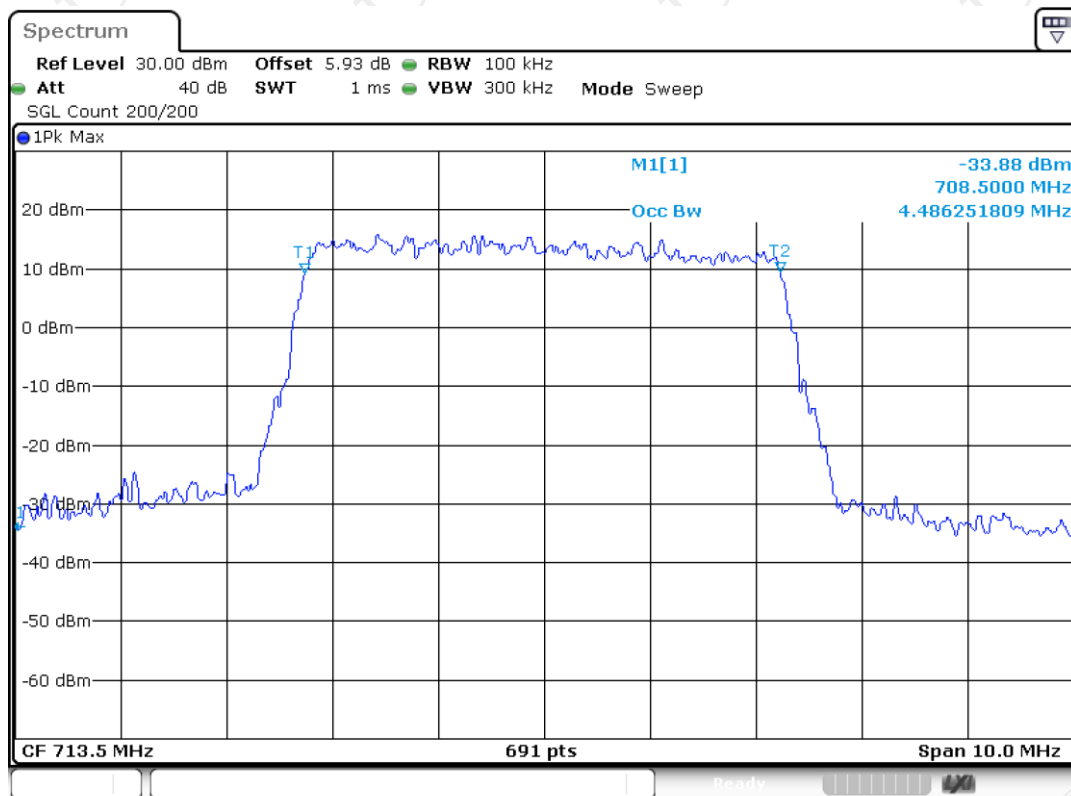
Date: 27.NOV.2024 13:02:15

Band17 QAM16 BW=5MHz Channel=23790 RB Size=25 Position=#0



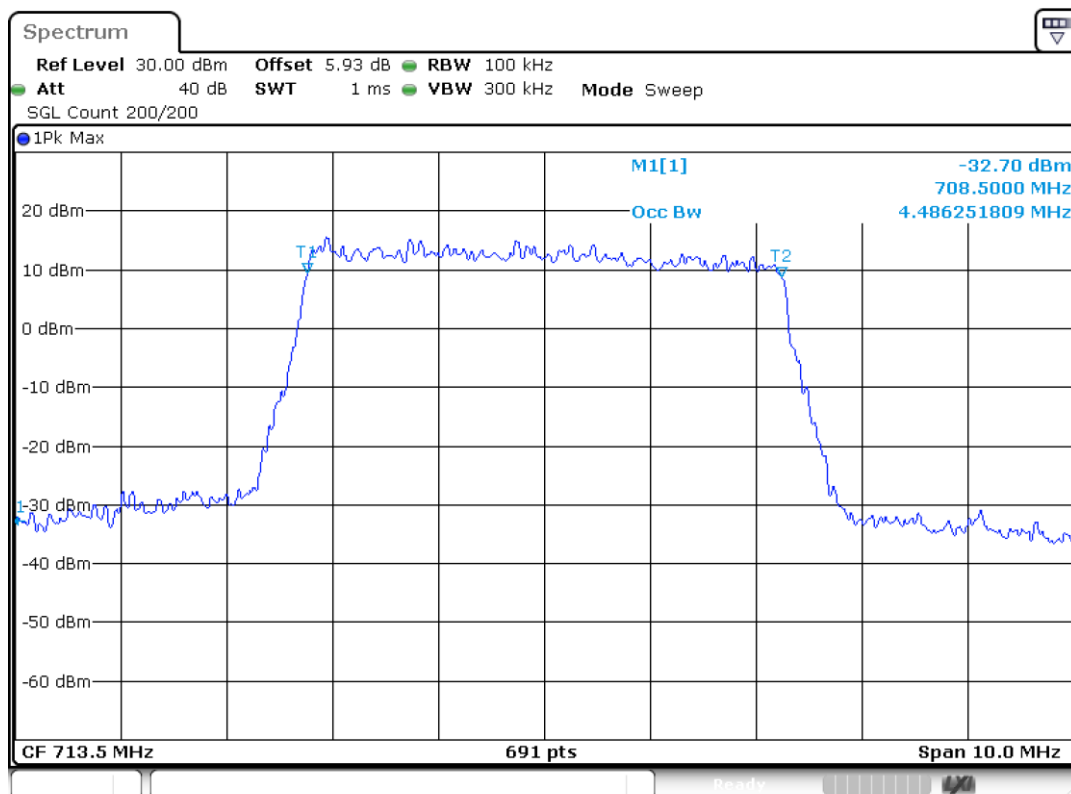
Date: 27.NOV.2024 13:02:20

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



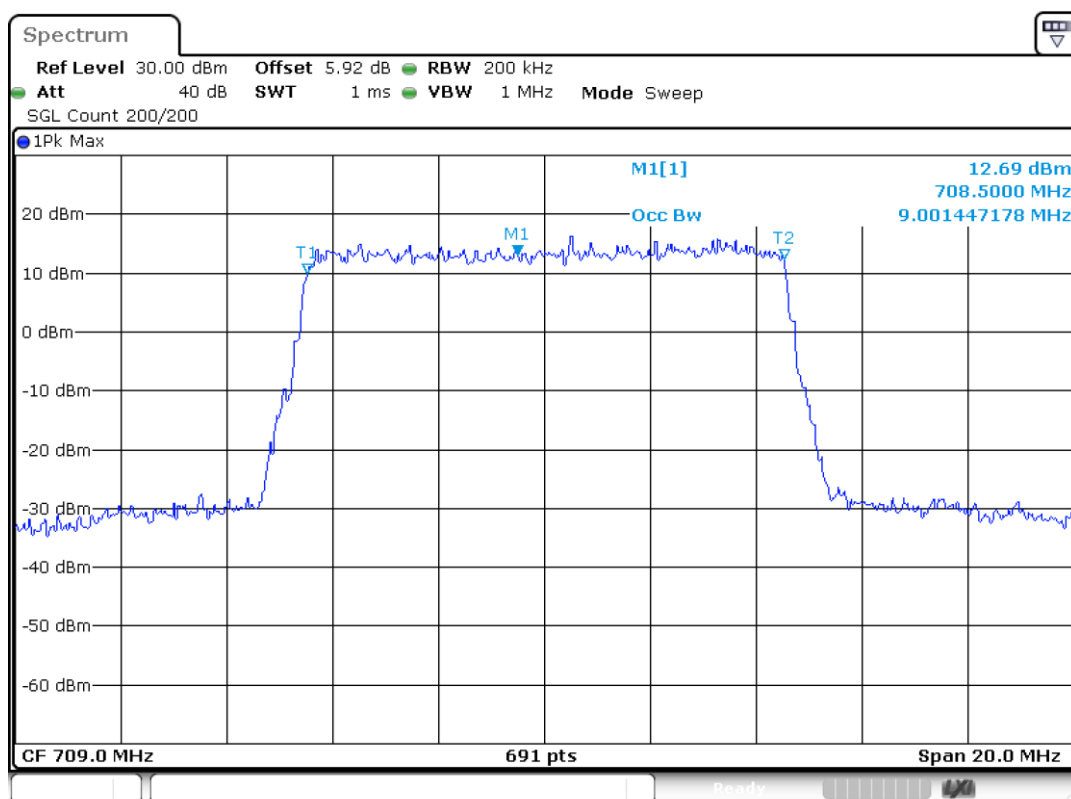
Date: 27.NOV.2024 13:02:25

Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0



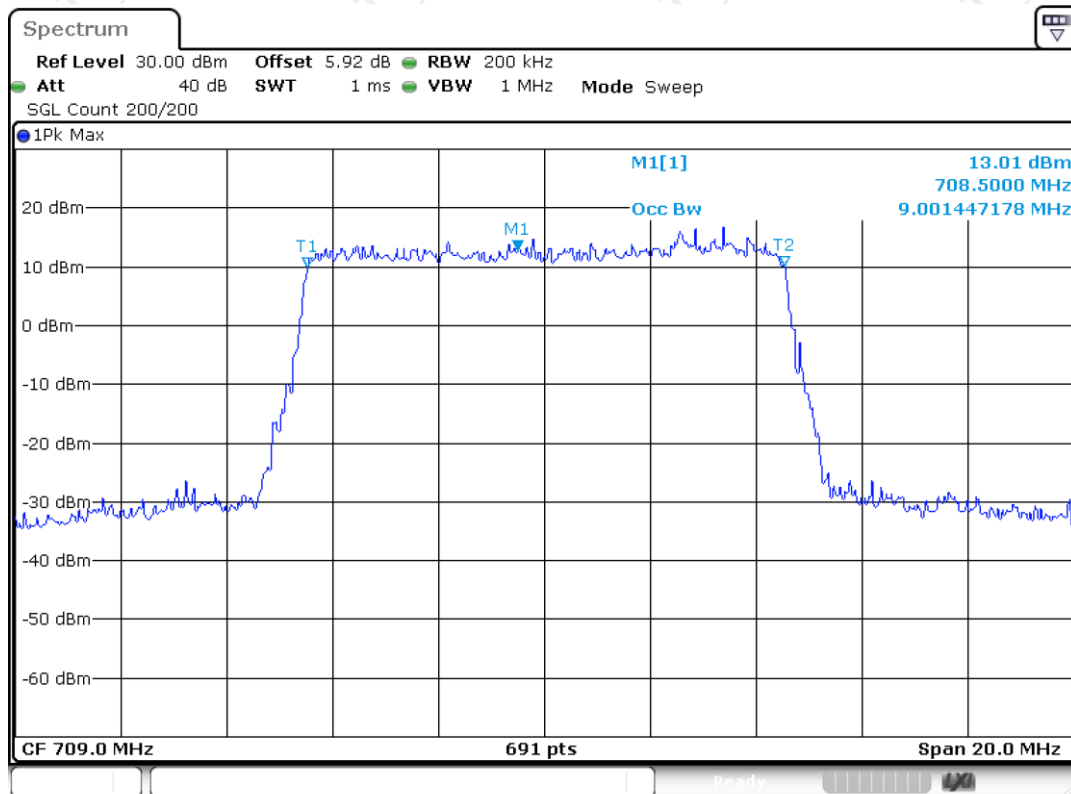
Date: 27.NOV.2024 13:02:29

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



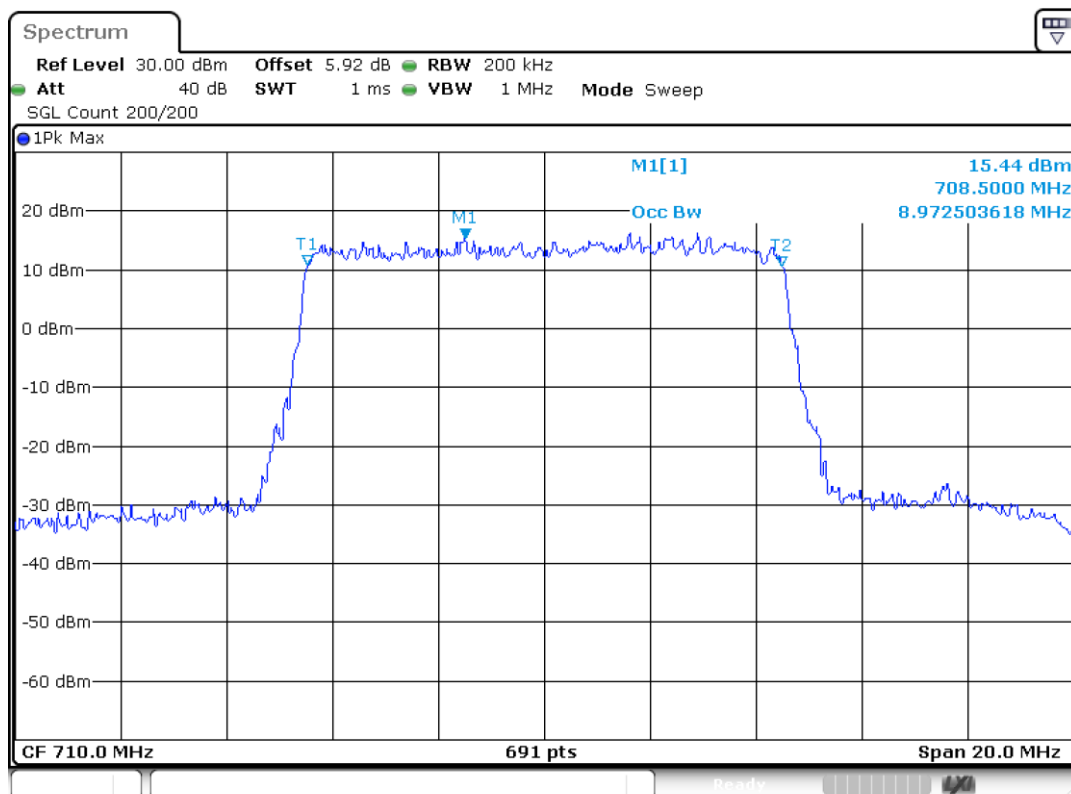
Date: 27.NOV.2024 13:02:36

Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



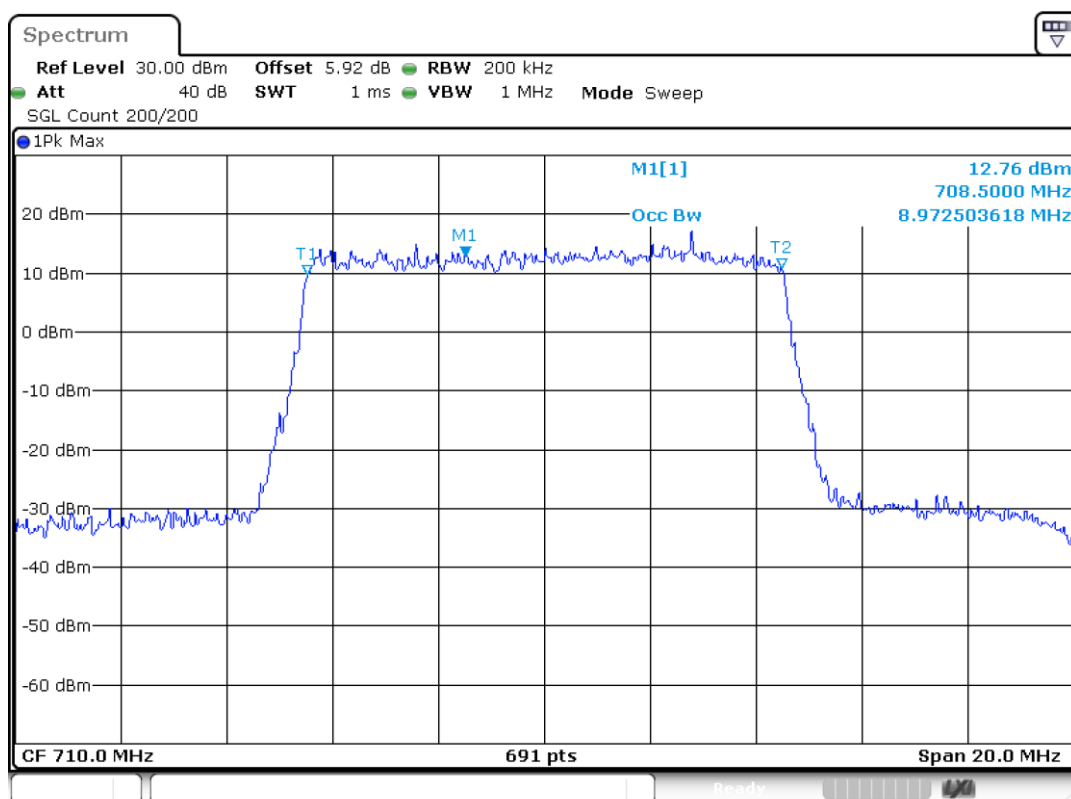
Date: 27.NOV.2024 13:02:42

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



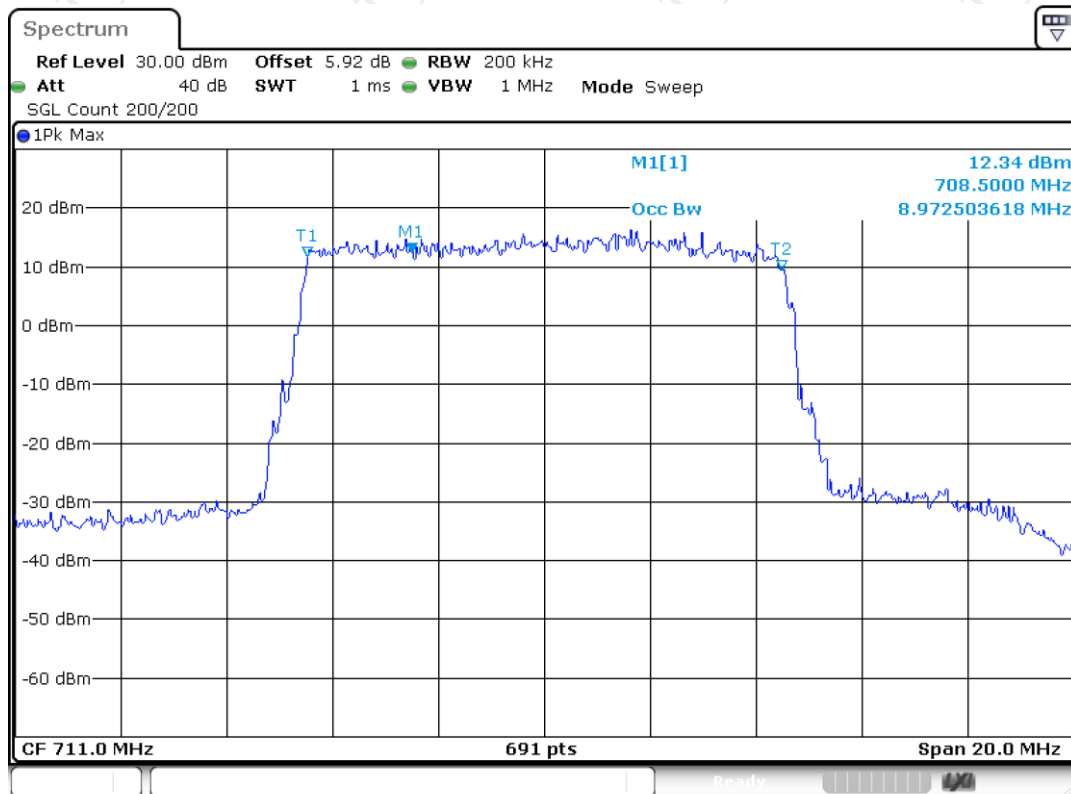
Date: 27.NOV.2024 13:02:49

Band17 QAM16 BW=10MHz Channel=23790 RB Size=50 Position=#0



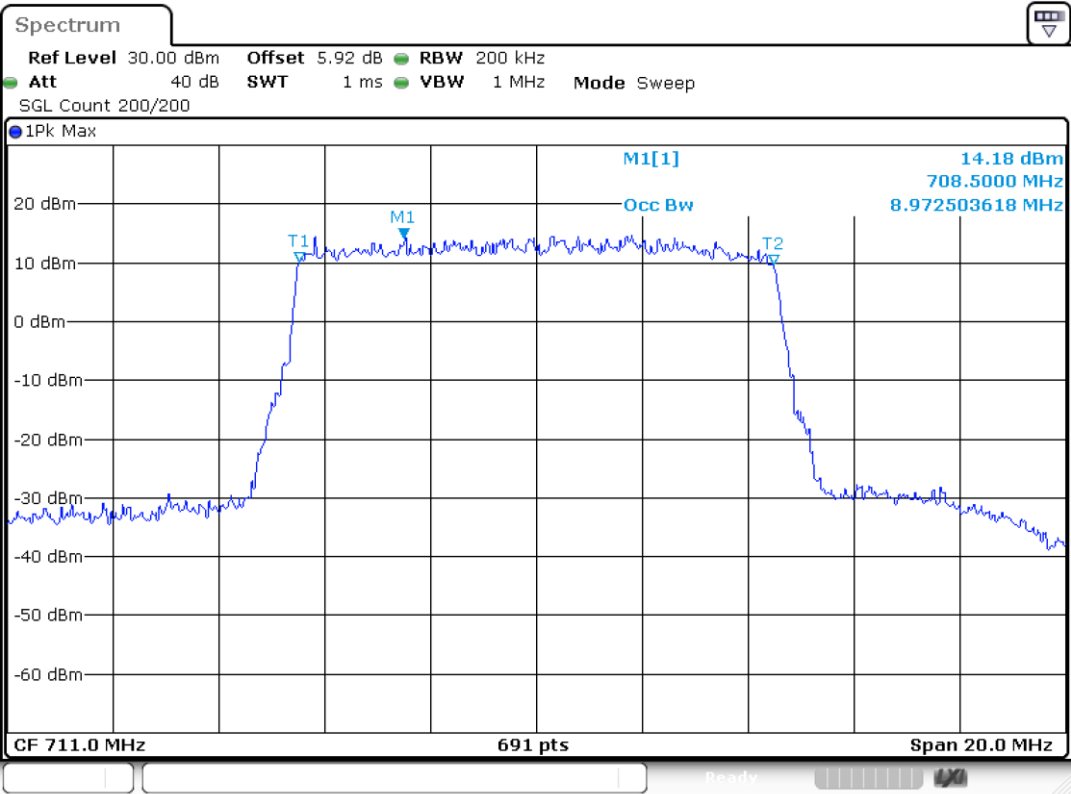
Date: 27.NOV.2024 13:02:54

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



Date: 27.NOV.2024 13:03:01

Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0

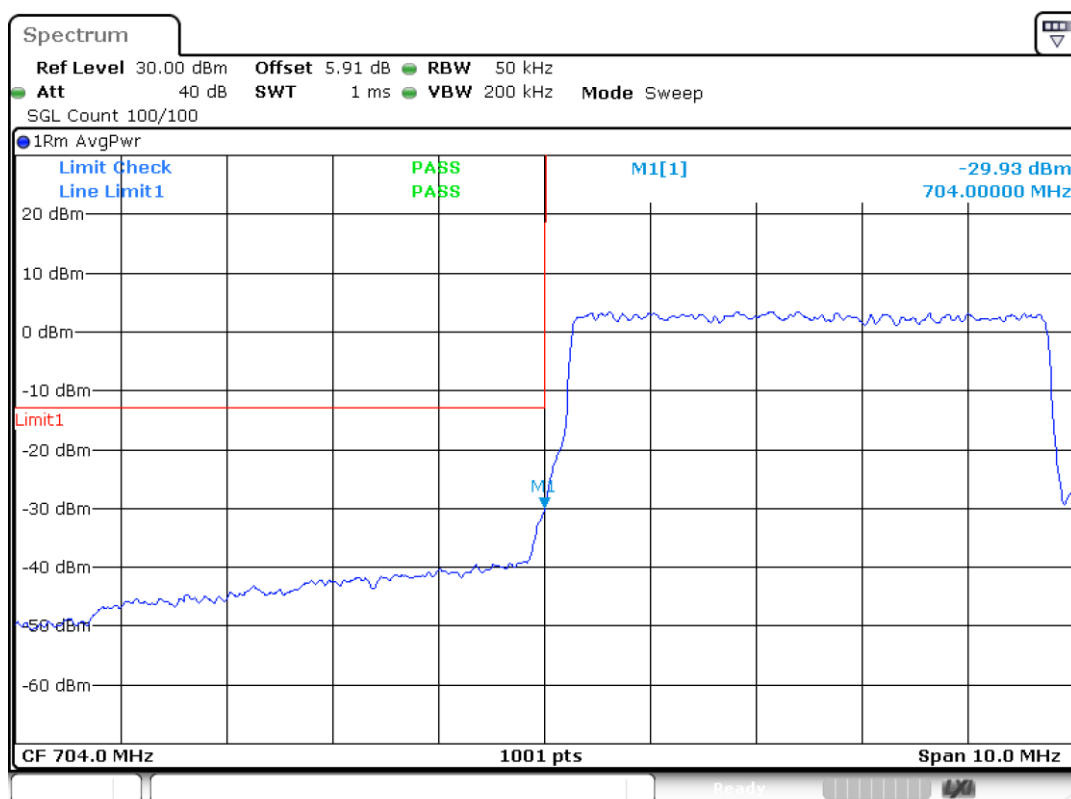


Date: 27.NOV.2024 13:03:07

5 Band edge

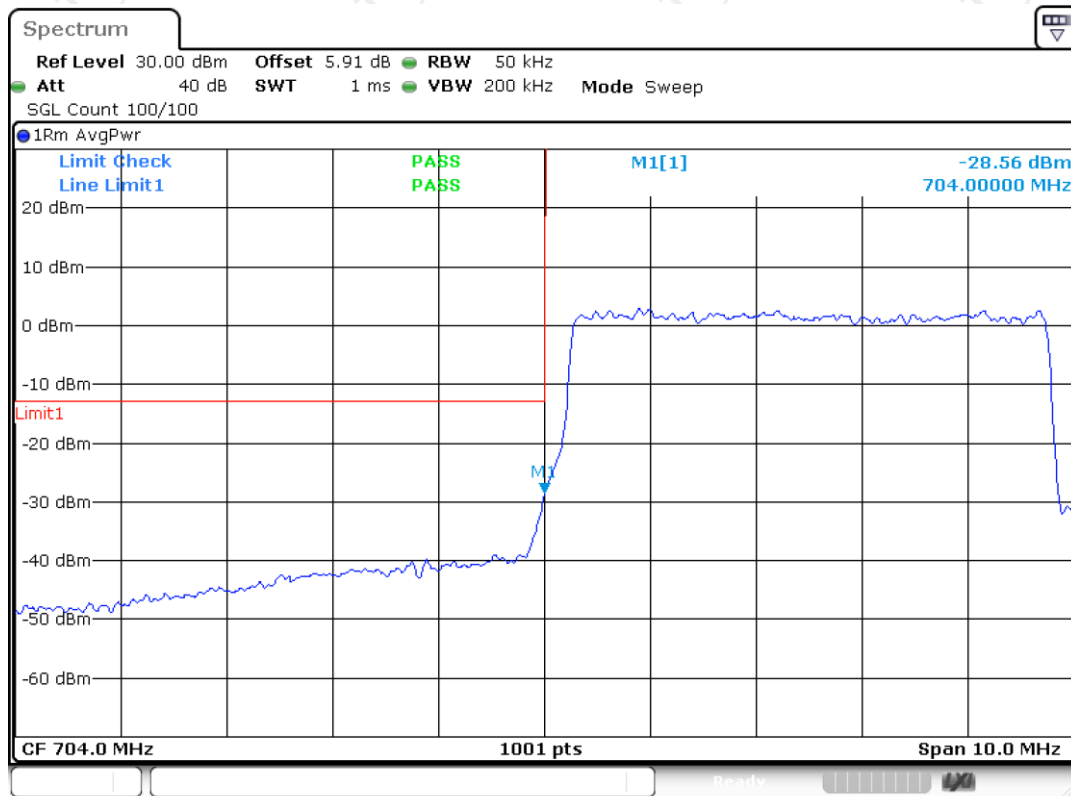
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band17	5	23755	25	#0	QPSK	704.00	-29.93	-13	PASS
Band17	5	23755	25	#0	QAM16	704.00	-28.56	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-30.02	-13	PASS
Band17	5	23825	25	#0	QAM16	716.00	-31.59	-13	PASS
Band17	10	23780	50	#0	QPSK	703.98	-33.86	-13	PASS
Band17	10	23780	50	#0	QAM16	704.00	-34.03	-13	PASS
Band17	10	23800	50	#0	QPSK	716.00	-33.13	-13	PASS
Band17	10	23800	50	#0	QAM16	716.00	-35.41	-13	PASS

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



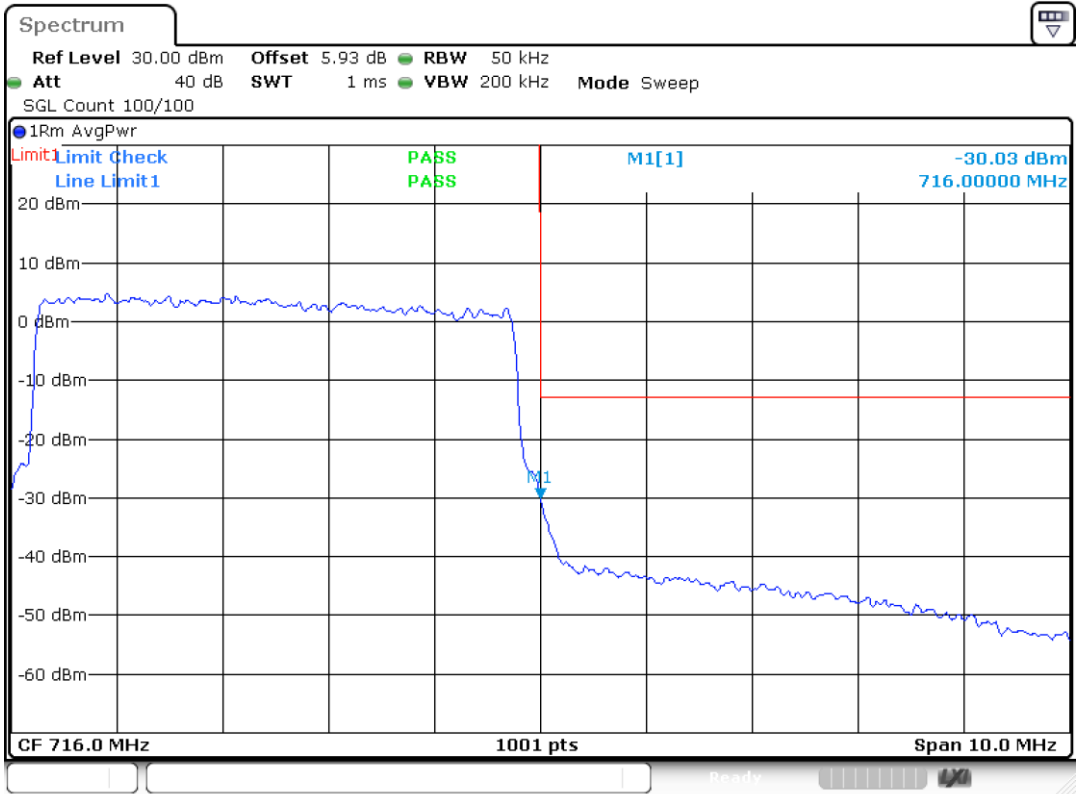
Date: 27.NOV.2024 13:03:24

Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



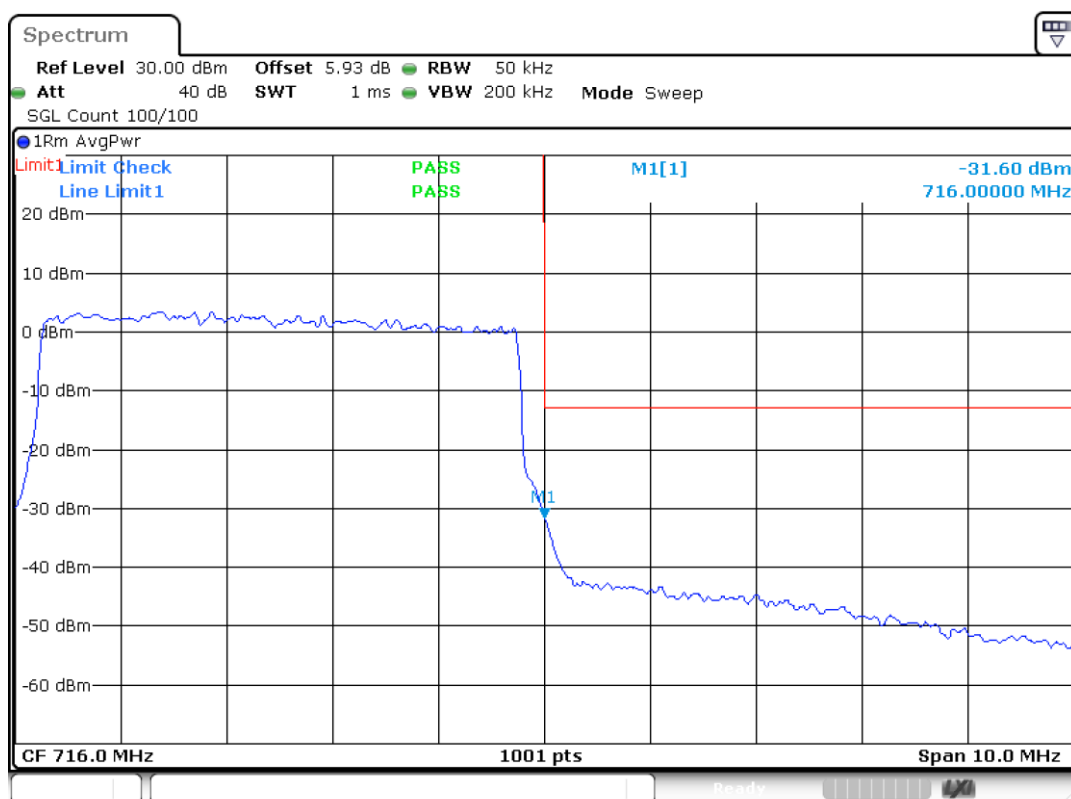
Date: 27.NOV.2024 13:03:28

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



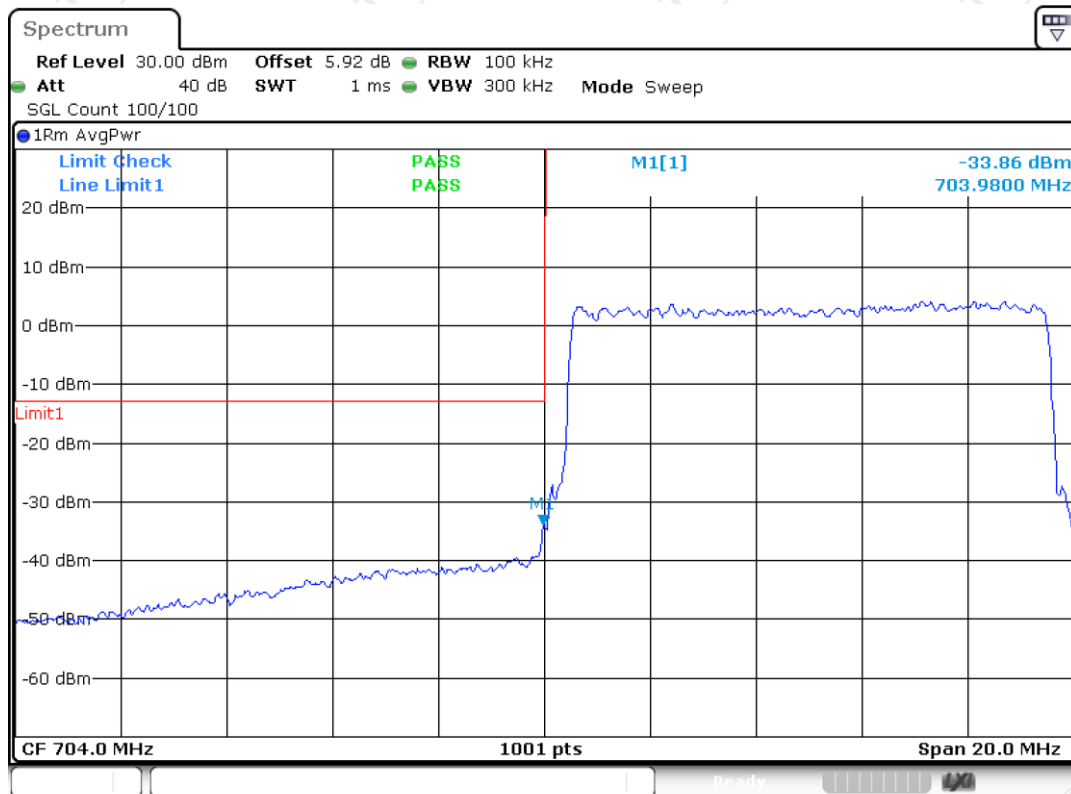
Date: 27.NOV.2024 13:03:33

Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0



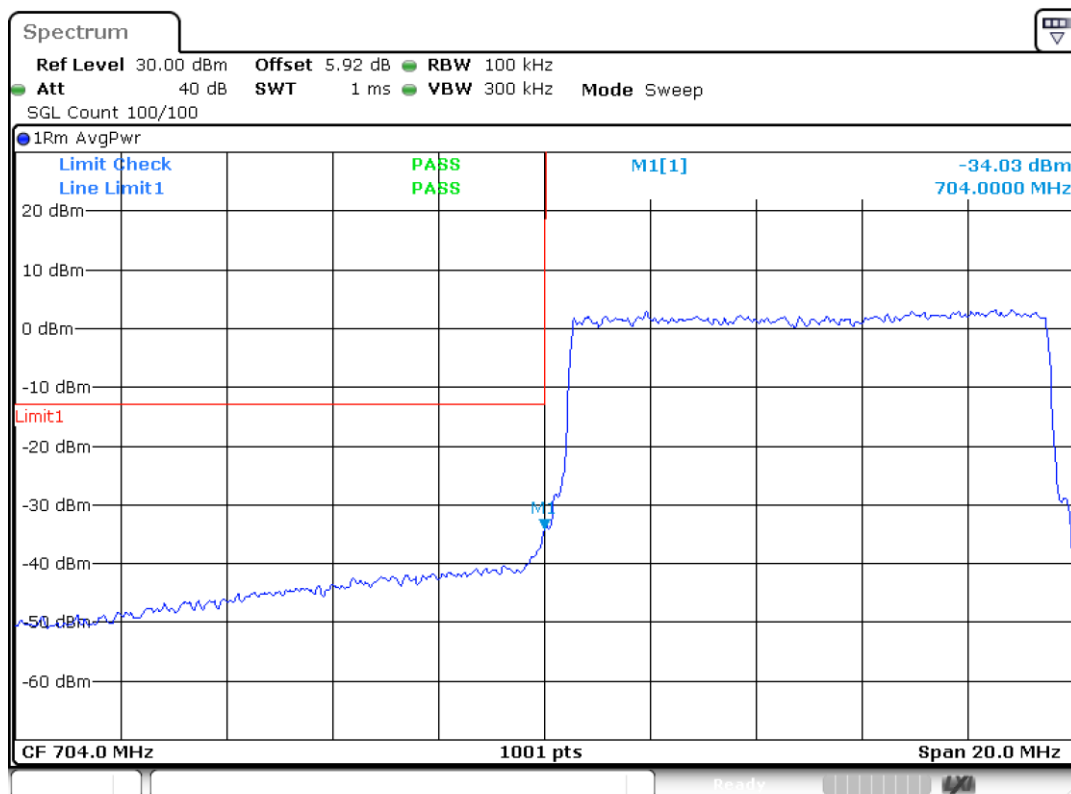
Date: 27.NOV.2024 13:03:38

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



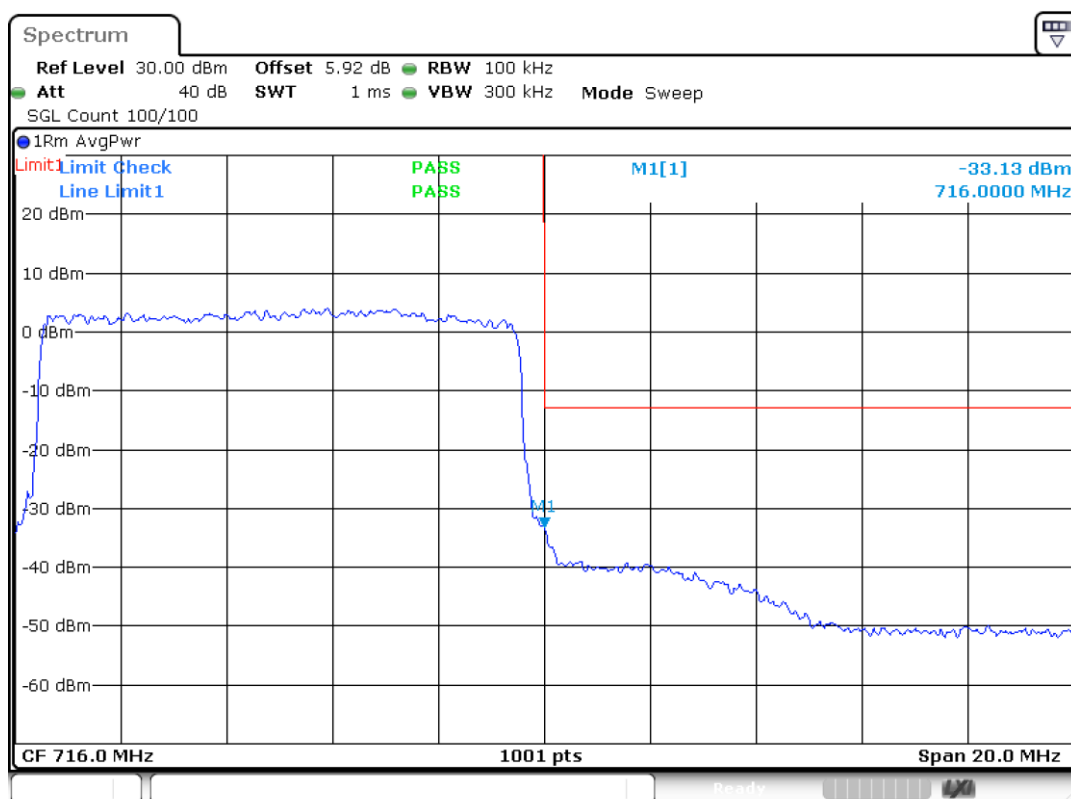
Date: 27.NOV.2024 13:03:44

Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



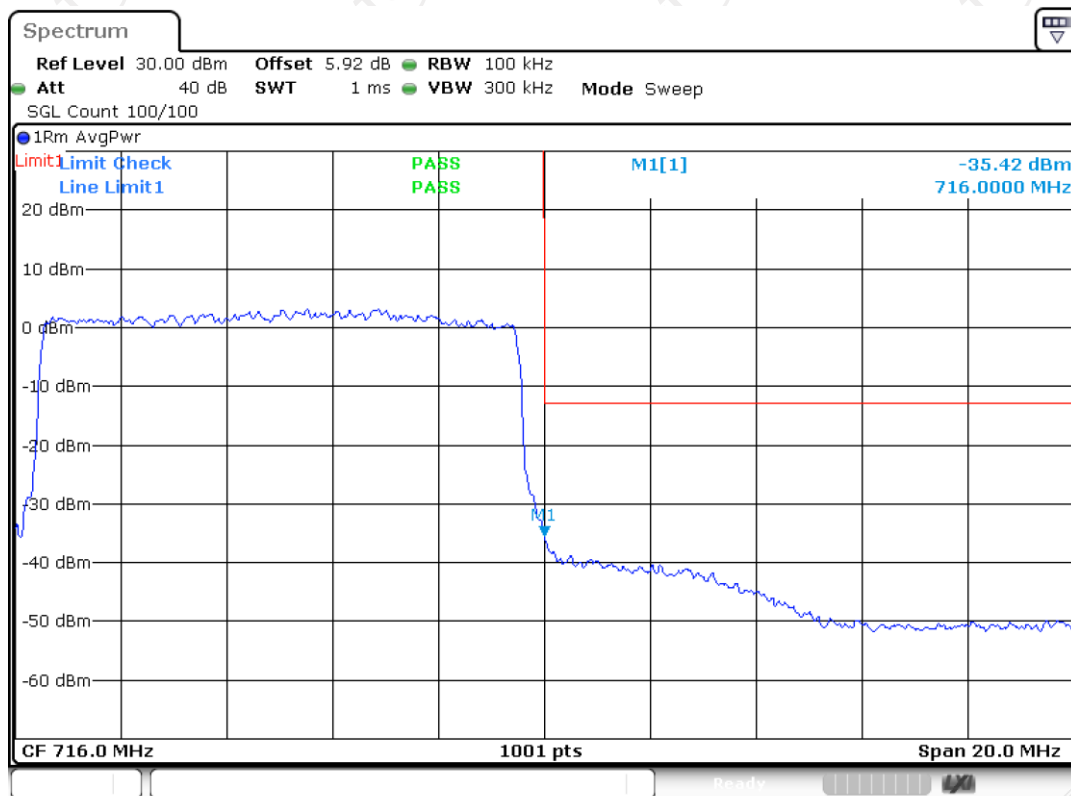
Date: 27.NOV.2024 13:03:49

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



Date: 27.NOV.2024 13:03:54

Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0

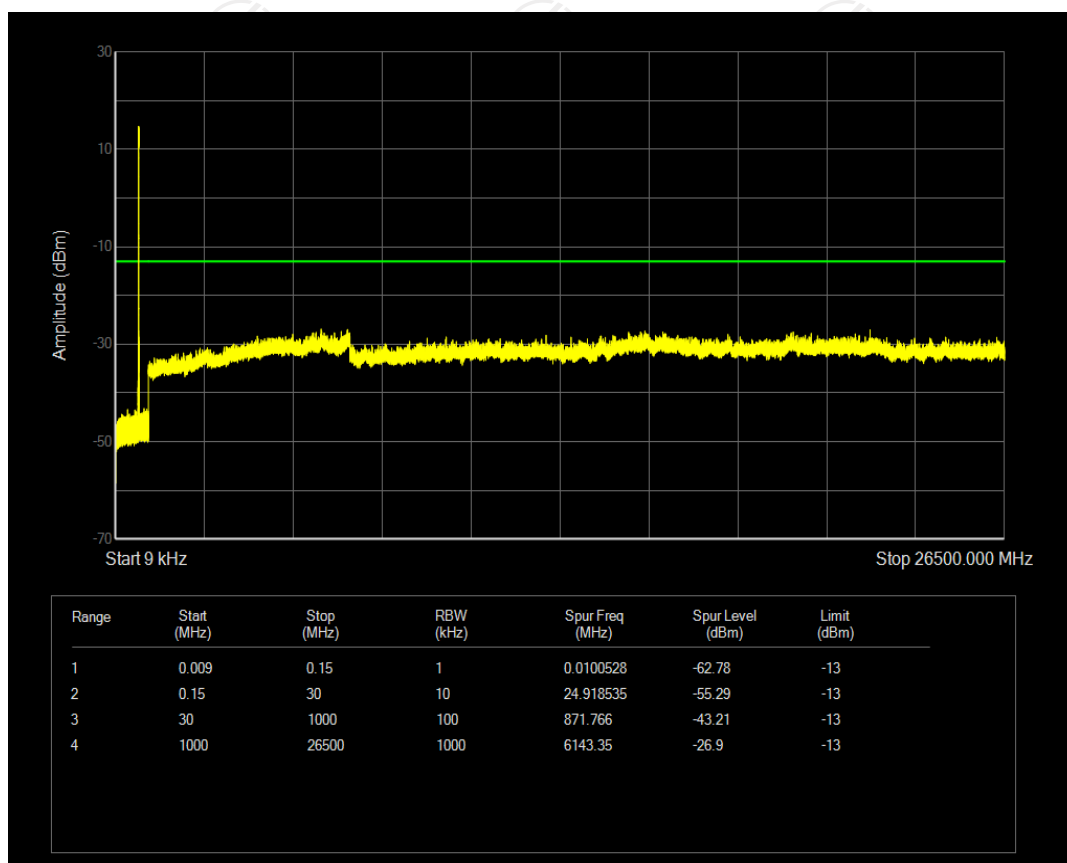


Date: 27.NOV.2024 13:03:59

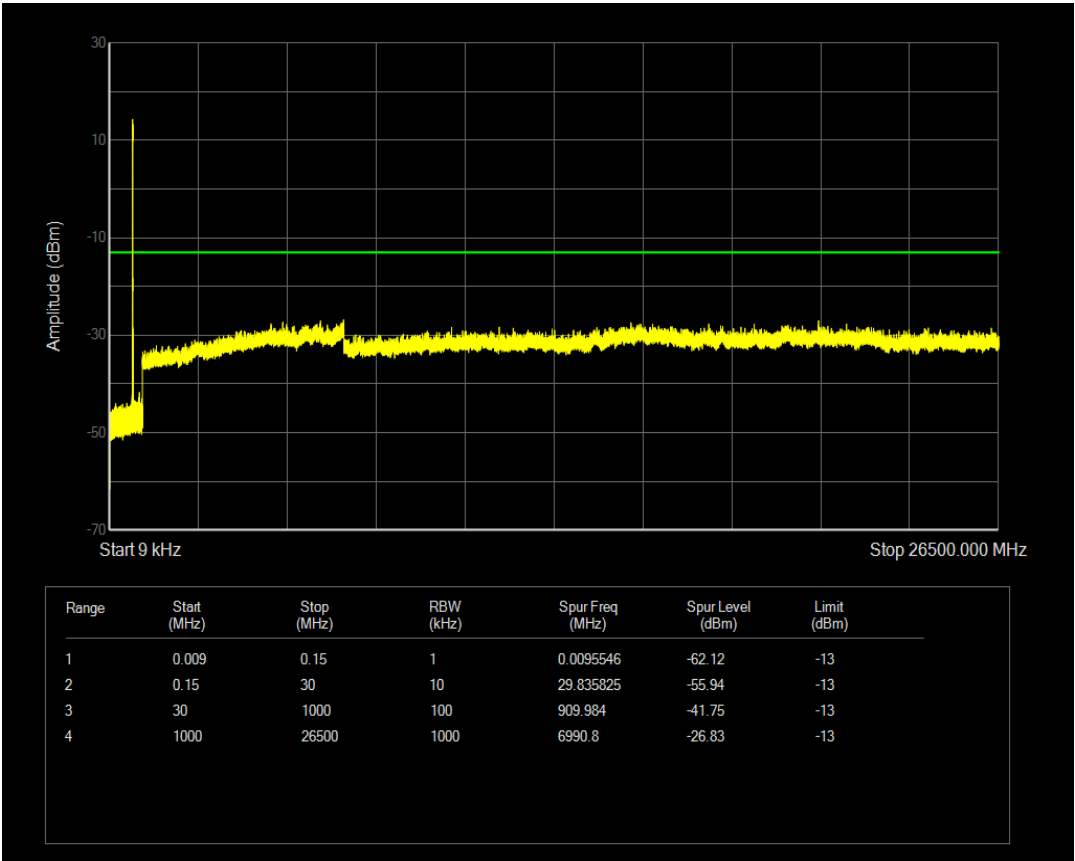
6 Out-of-band emissions

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	6143.35	-26.90	-13	PASS
Band17	5	23755	25	#0	QAM16	6990.80	-26.83	-13	PASS
Band17	5	23790	25	#0	QPSK	6128.05	-27.13	-13	PASS
Band17	5	23790	25	#0	QAM16	15814.65	-26.28	-13	PASS
Band17	5	23825	25	#0	QPSK	6944.05	-26.58	-13	PASS
Band17	5	23825	25	#0	QAM16	6967.00	-26.40	-13	PASS
Band17	10	23780	50	#0	QPSK	6914.30	-26.66	-13	PASS
Band17	10	23780	50	#0	QAM16	5873.05	-27.09	-13	PASS
Band17	10	23790	50	#0	QPSK	6980.60	-26.63	-13	PASS
Band17	10	23790	50	#0	QAM16	15986.35	-26.86	-13	PASS
Band17	10	23800	50	#0	QPSK	15535.85	-27.23	-13	PASS
Band17	10	23800	50	#0	QAM16	6967.85	-26.28	-13	PASS

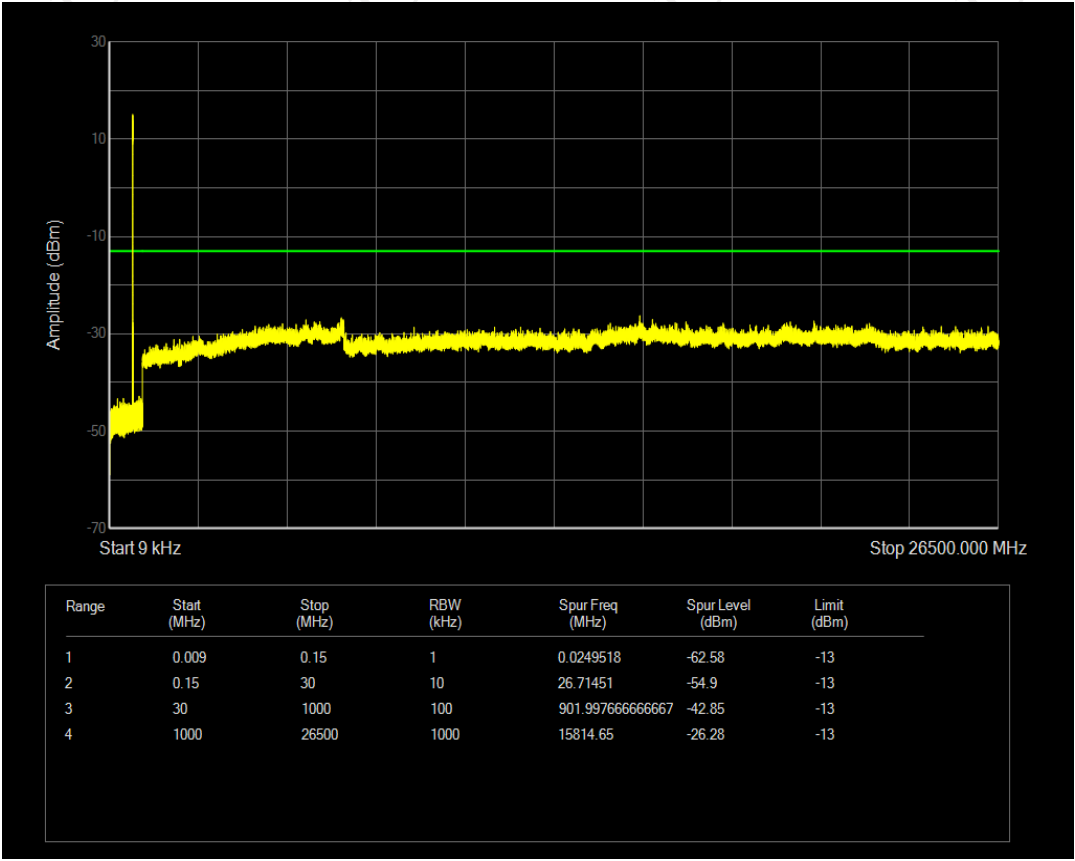
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



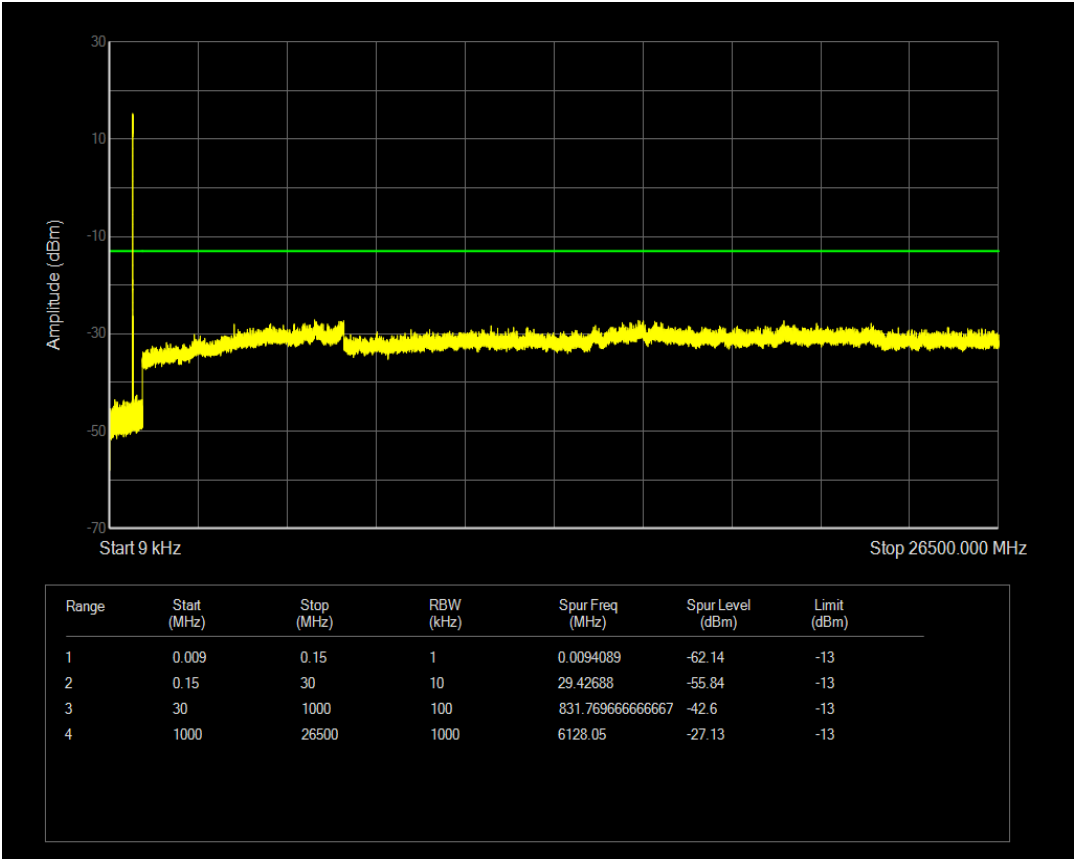
Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



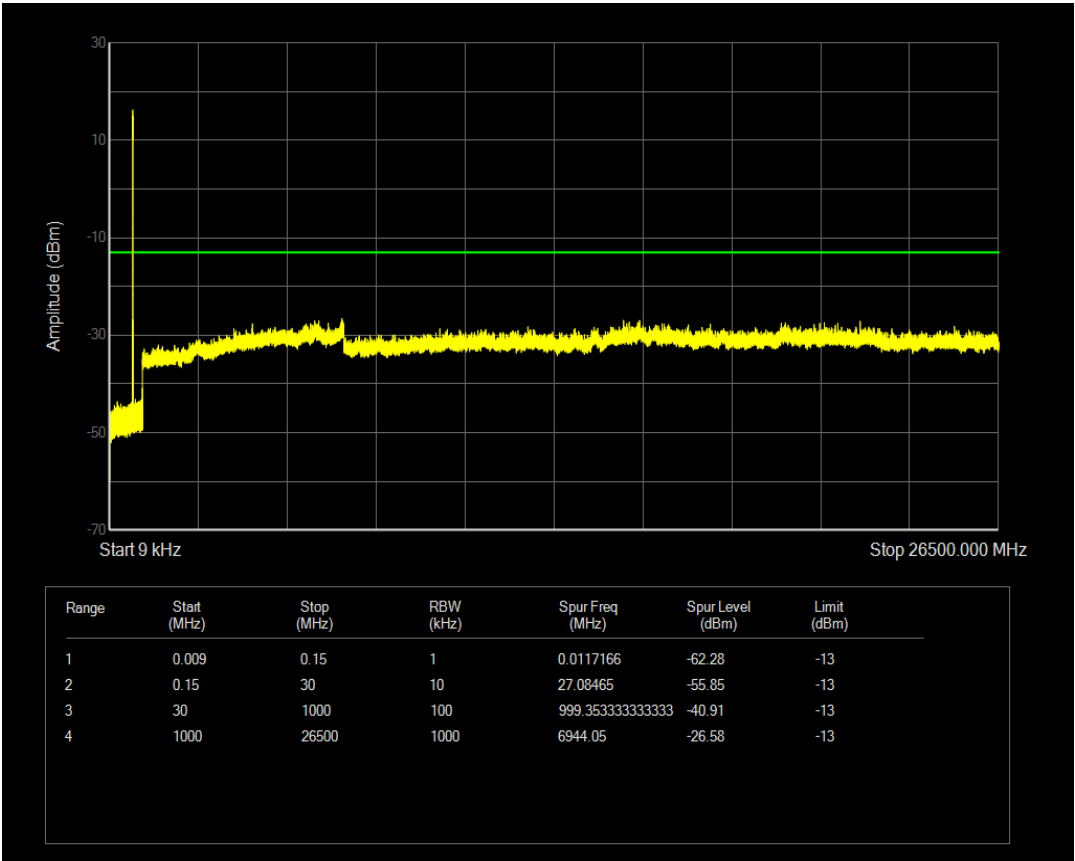
Band17 QAM16 BW=5MHz Channel=23790 RB Size=25 Position=#0



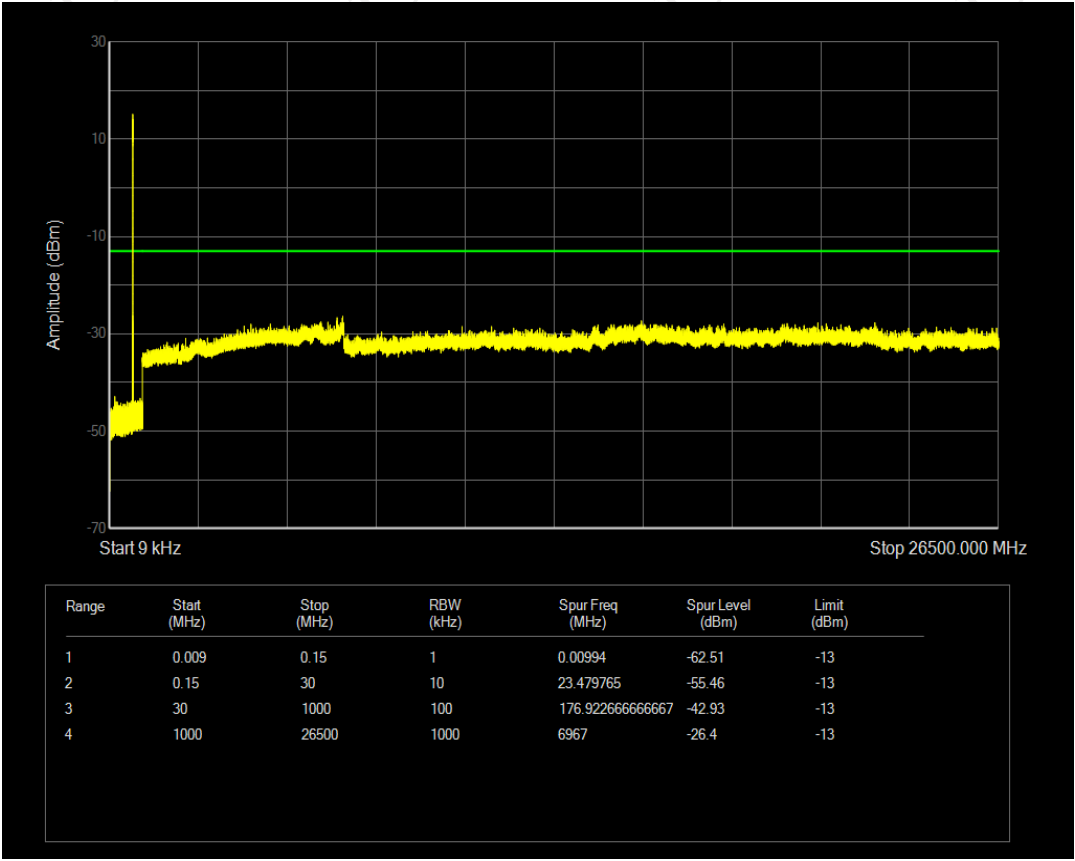
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



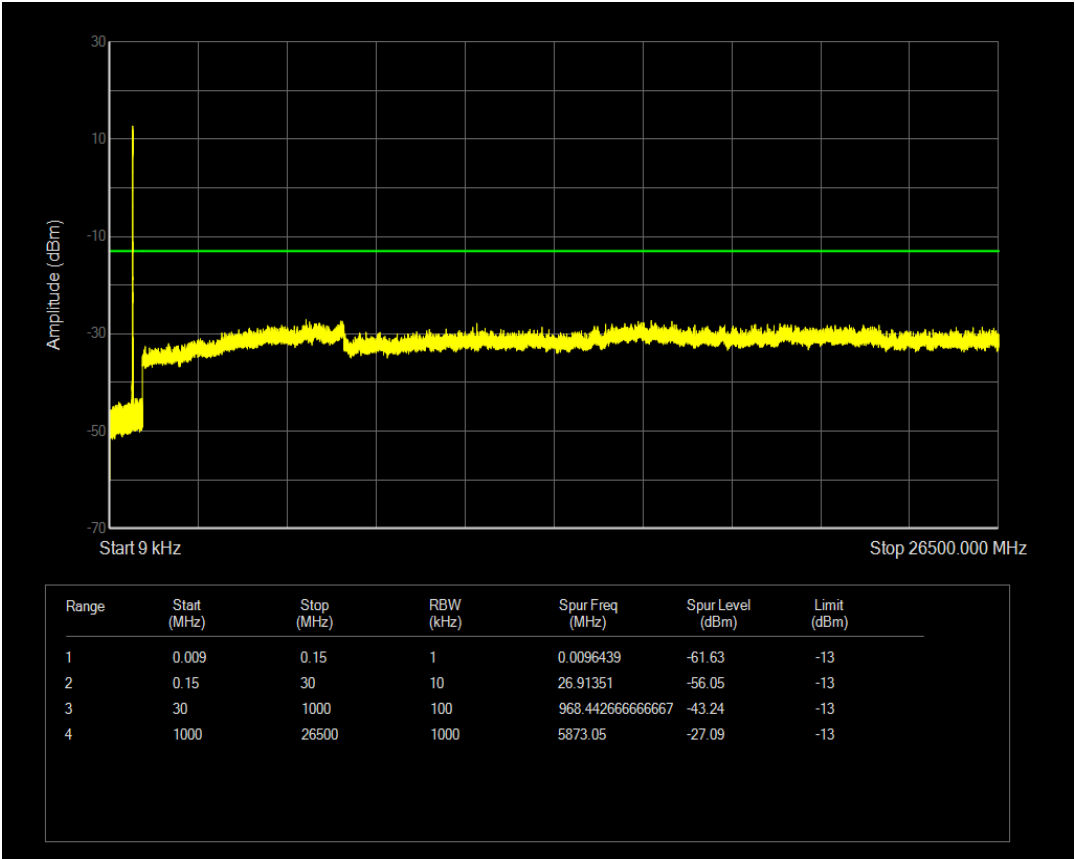
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



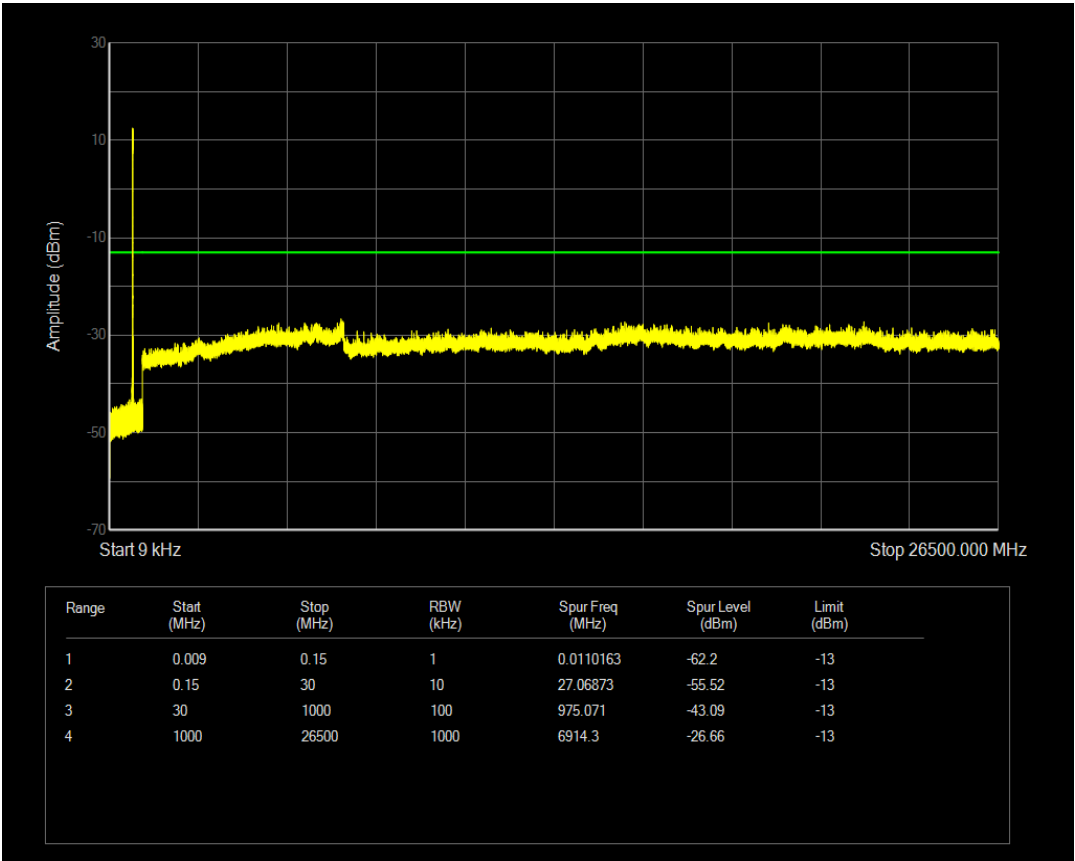
Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0



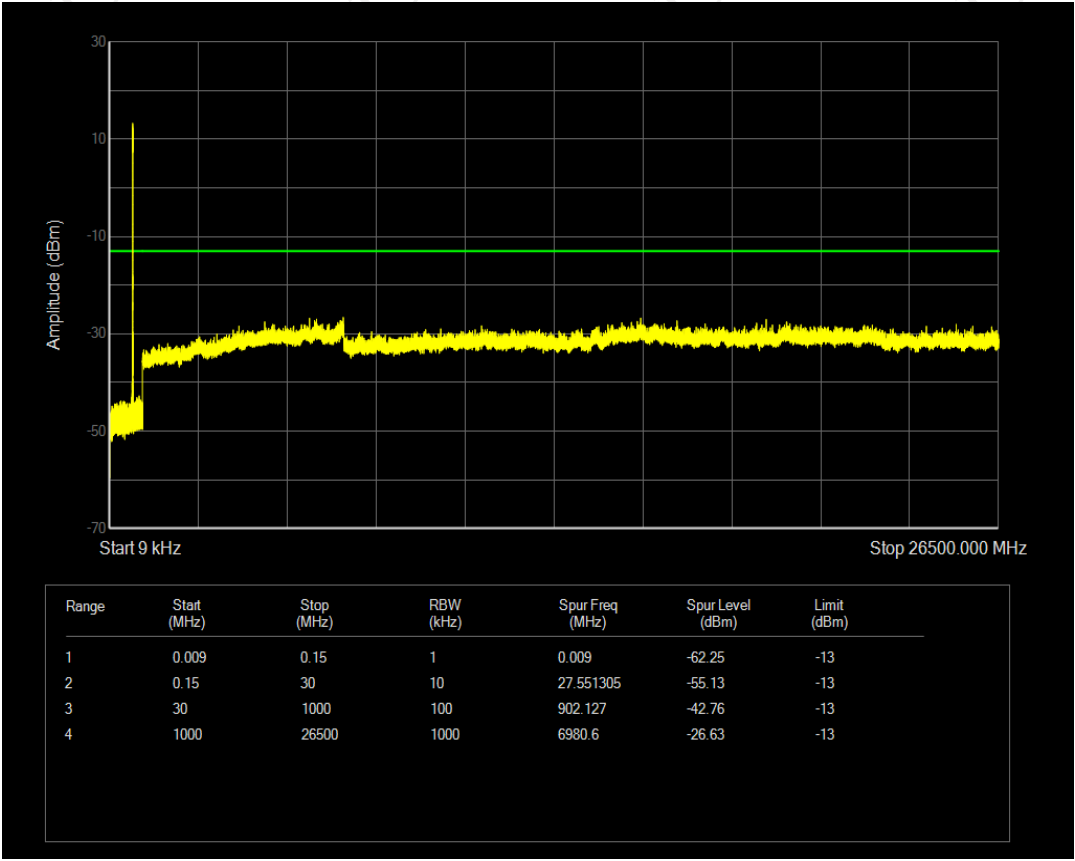
Band17 QAM16 BW=10MHz Channel=23780 RB Size=50 Position=#0



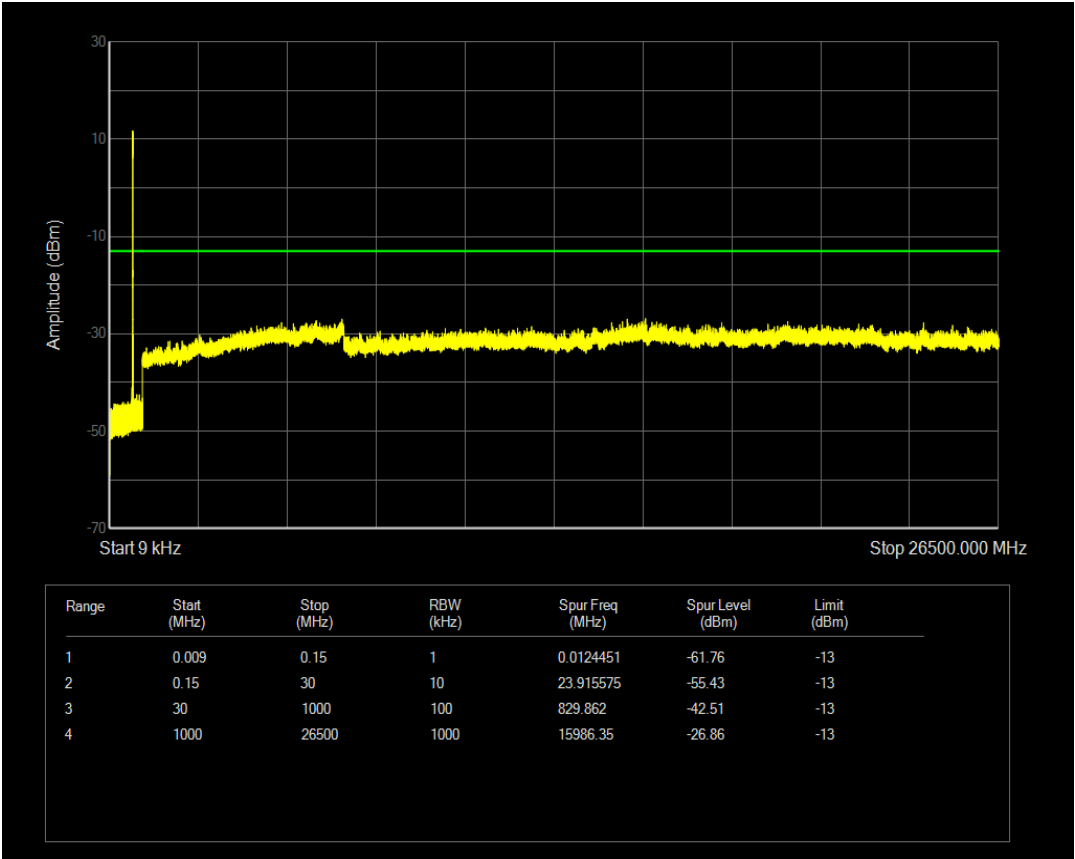
Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0



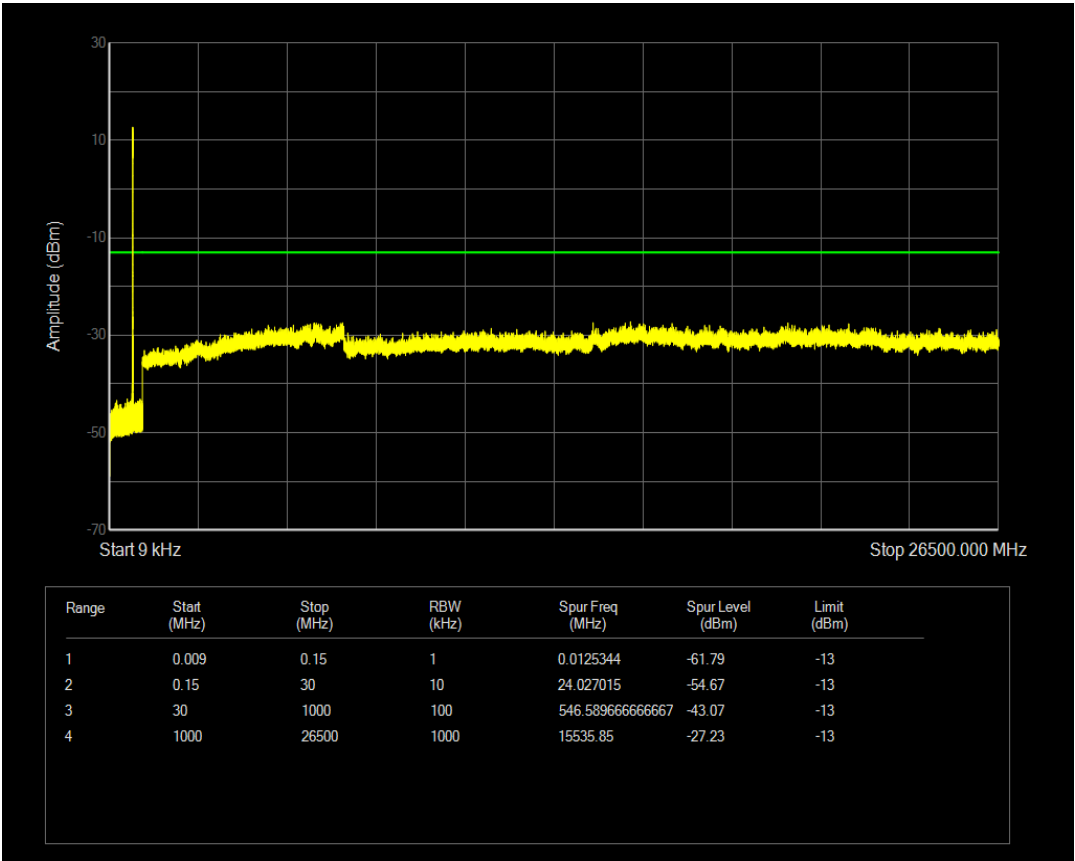
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



Band17 QAM16 BW=10MHz Channel=23790 RB Size=50 Position=#0



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



Band17 QAM16 BW=10MHz Channel=23800 RB Size=50 Position=#0

