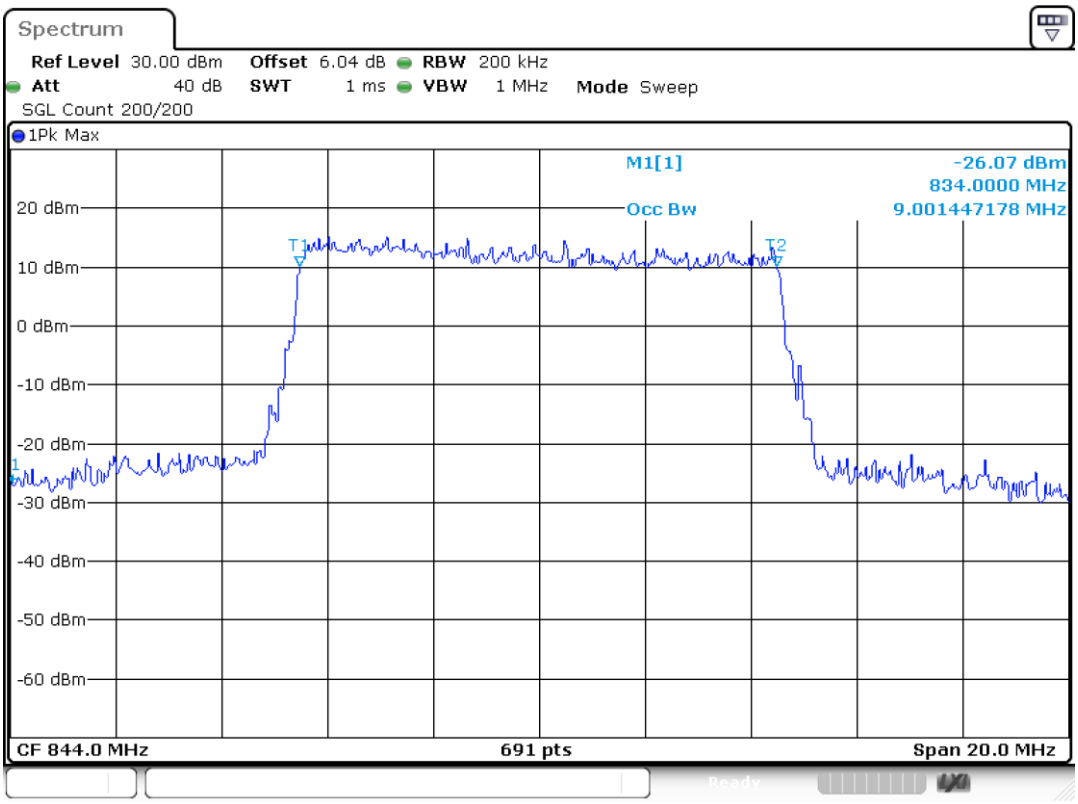
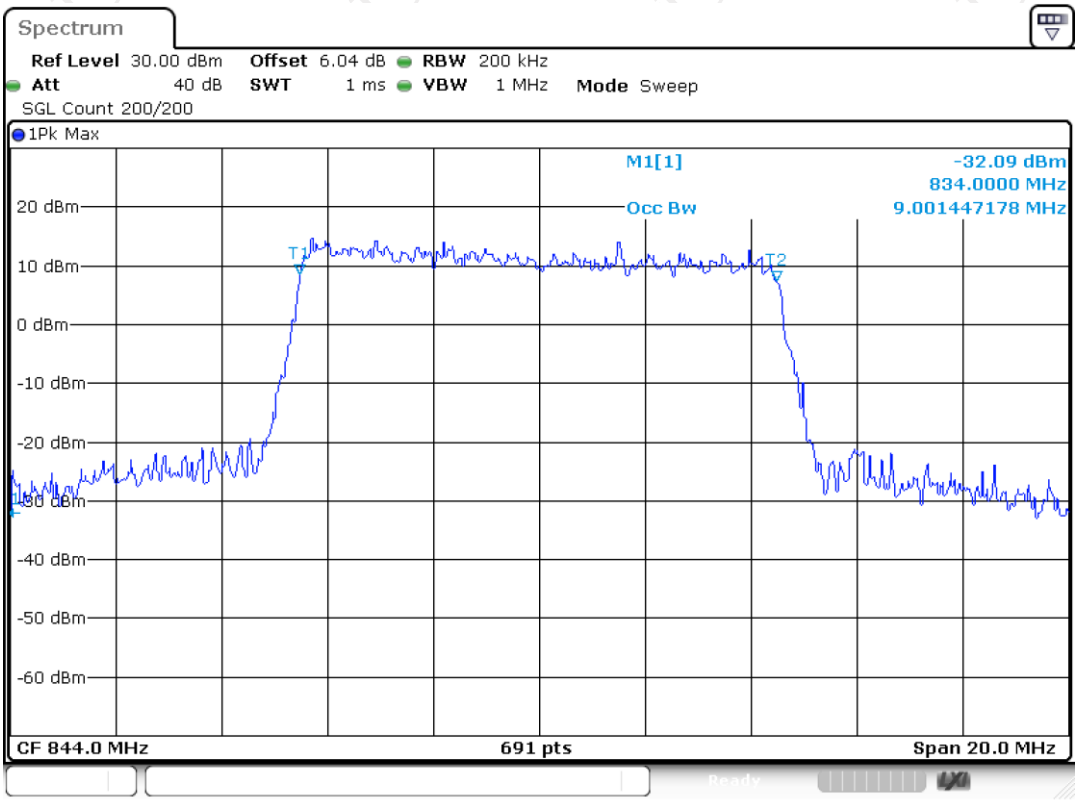


Date: 27.NOV.2024 08:57:50

Band5 QAM16 BW=10MHz Channel=20600 RB Size=50 Position=#0

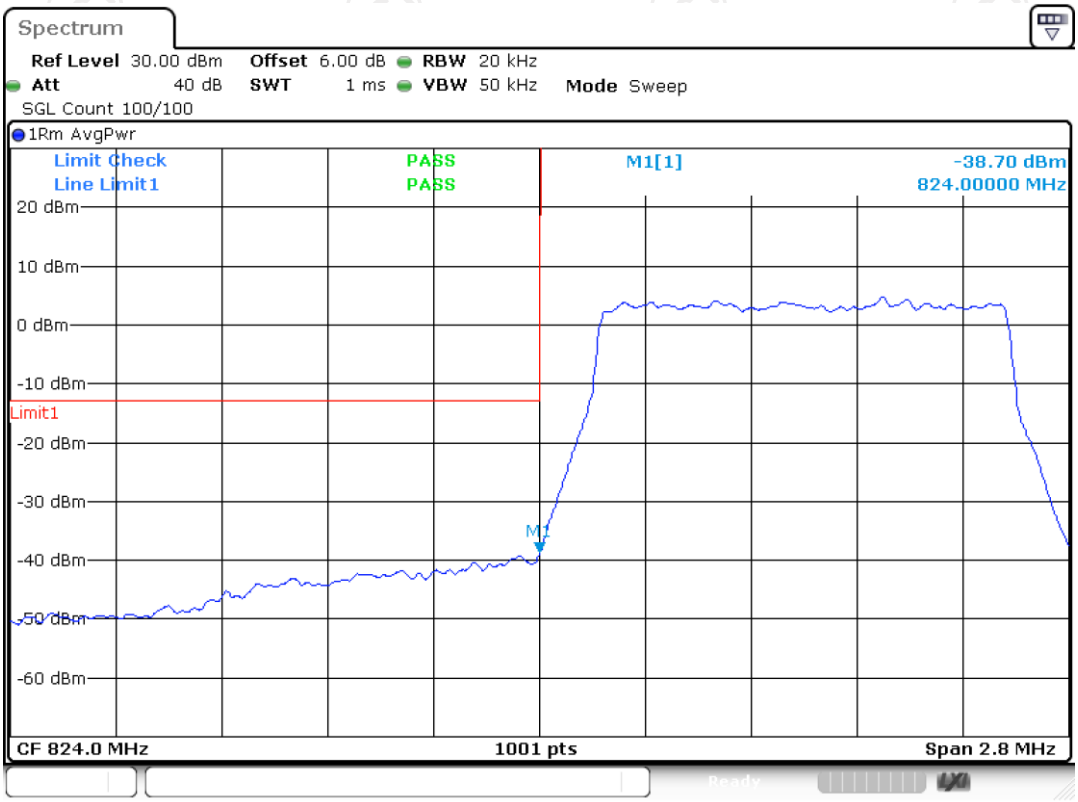


Date: 27.NOV.2024 08:57:55

5 Band edge

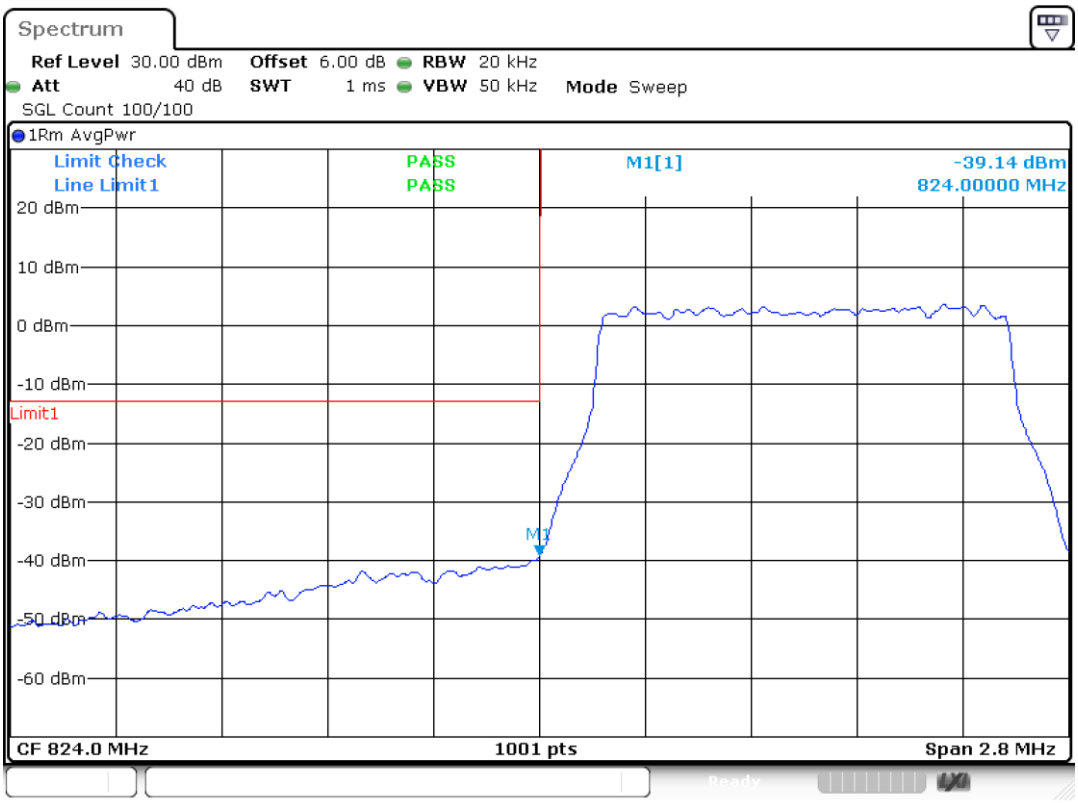
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	824.00	-38.70	-13	PASS
Band5	1.4	20407	6	#0	QAM16	824.00	-39.14	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.18	-21.79	-13	PASS
Band5	1.4	20643	6	#0	QAM16	849.00	-24.62	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-34.74	-13	PASS
Band5	3	20415	15	#0	QAM16	824.00	-34.76	-13	PASS
Band5	3	20635	15	#0	QPSK	849.20	-24.04	-13	PASS
Band5	3	20635	15	#0	QAM16	849.02	-26.54	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-33.22	-13	PASS
Band5	5	20425	25	#0	QAM16	824.00	-33.20	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-26.54	-13	PASS
Band5	5	20625	25	#0	QAM16	849.00	-29.17	-13	PASS
Band5	10	20450	50	#0	QPSK	823.98	-33.70	-13	PASS
Band5	10	20450	50	#0	QAM16	824.00	-35.93	-13	PASS
Band5	10	20600	50	#0	QPSK	849.04	-33.09	-13	PASS
Band5	10	20600	50	#0	QAM16	849.00	-35.54	-13	PASS

Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



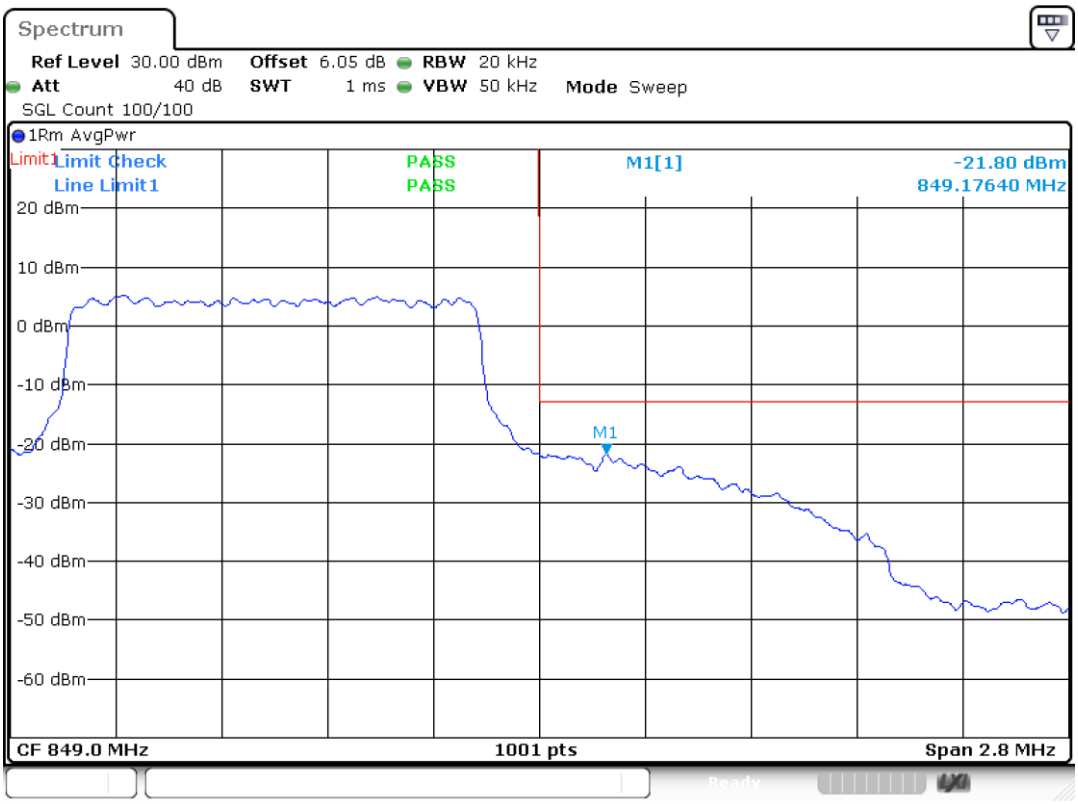
Date: 27.NOV.2024 08:58:12

Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=6 Position=#0



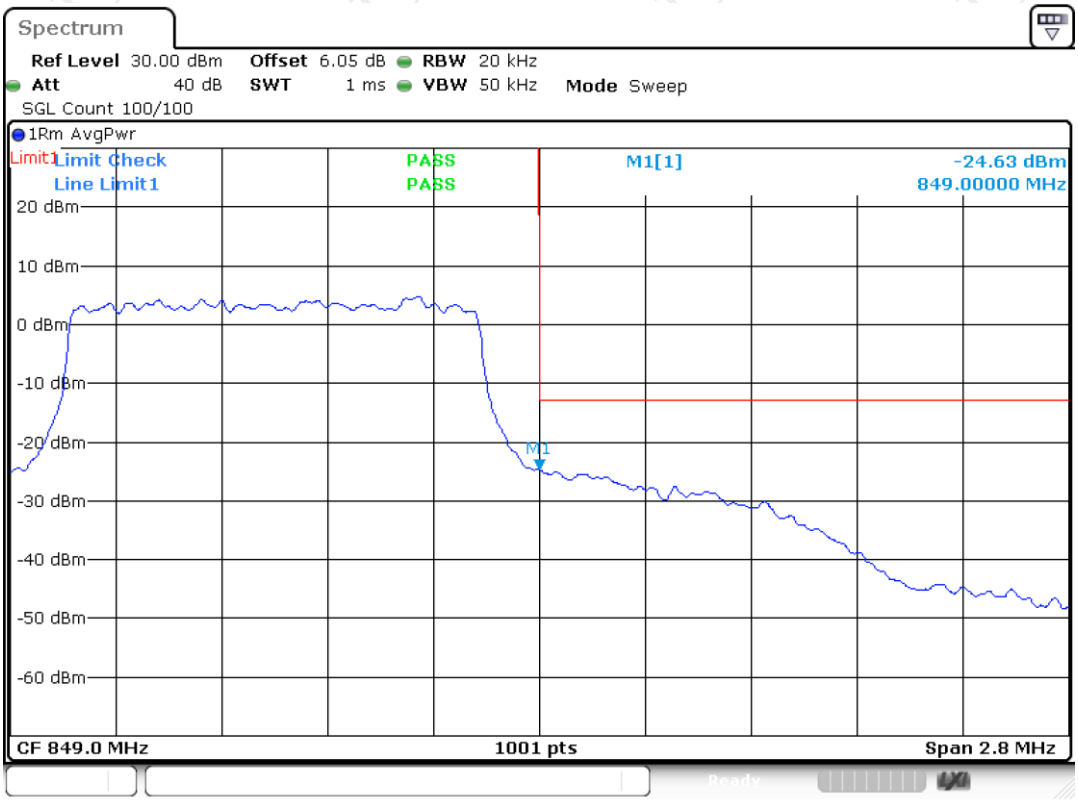
Date: 27.NOV.2024 08:58:17

Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



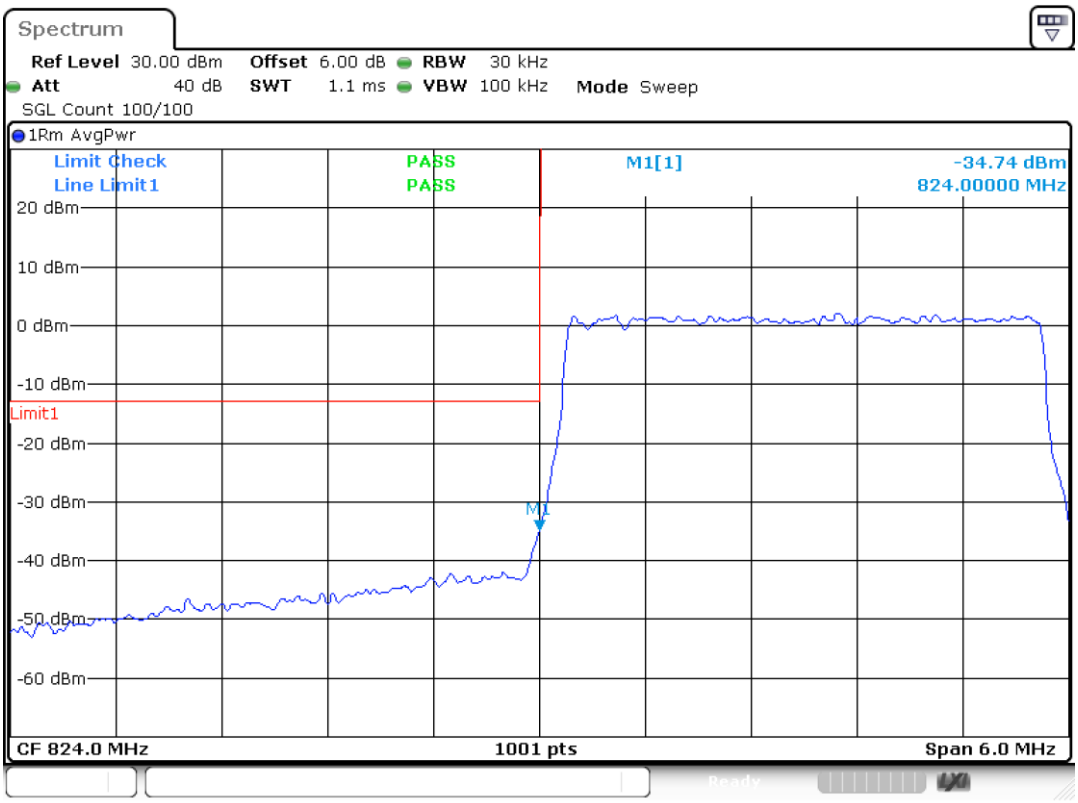
Date: 27.NOV.2024 08:58:21

Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=6 Position=#0



Date: 27.NOV.2024 08:58:26

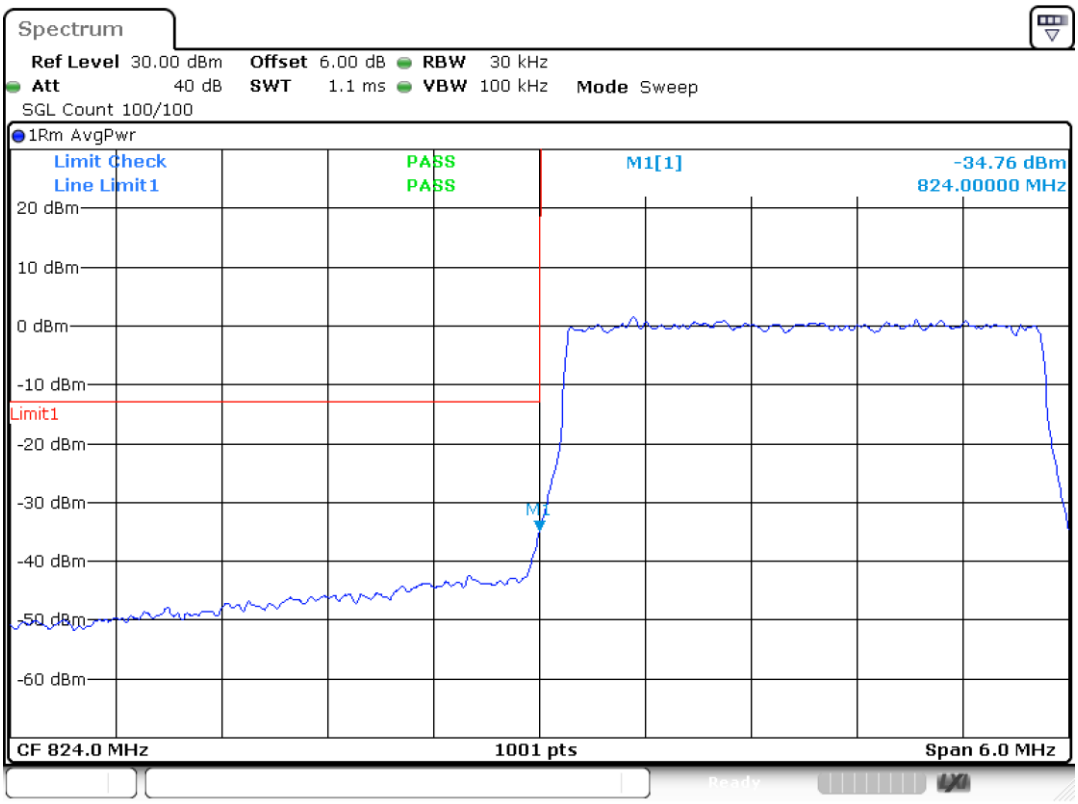
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



Date: 27.NOV.2024 08:58:32

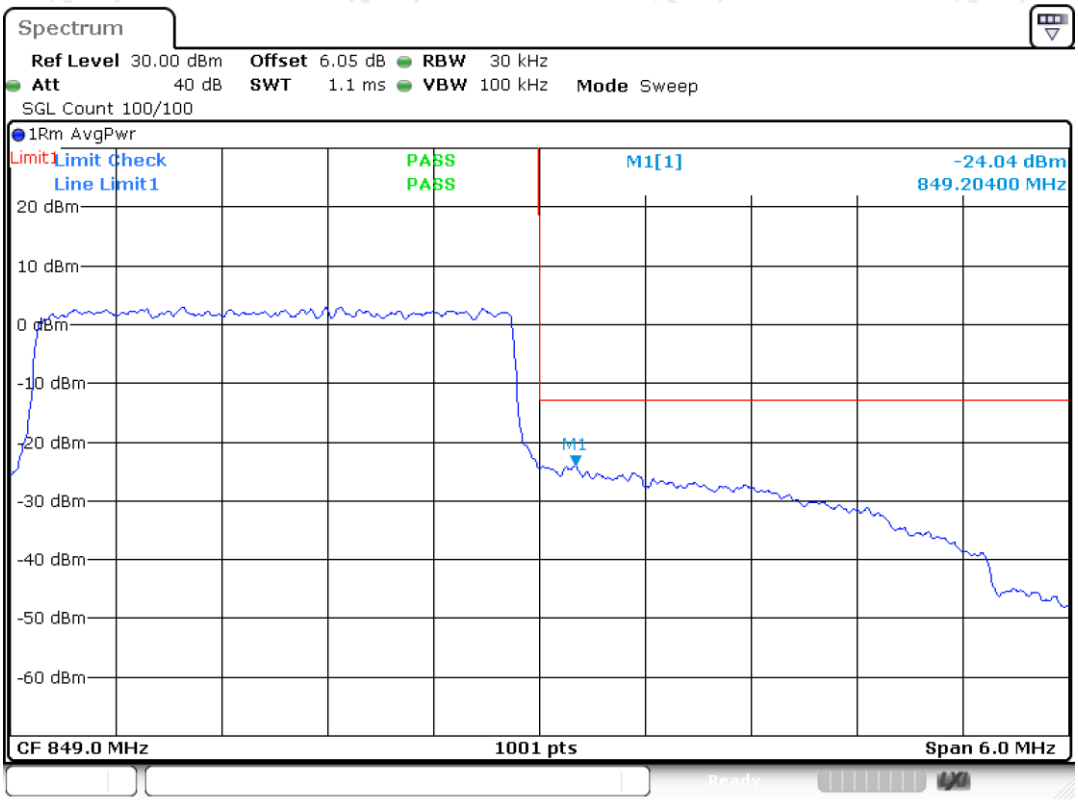
Band5 QAM16 BW=3MHz Channel=20415 RB Size=15 Position=#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



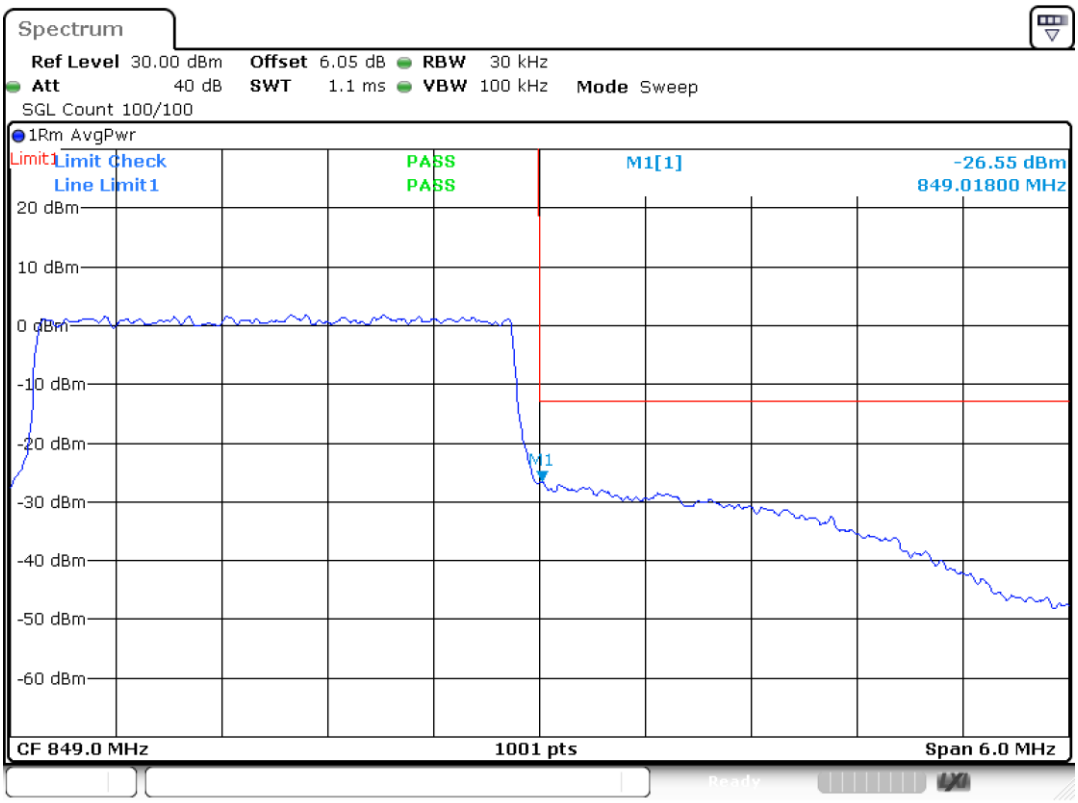
Date: 27.NOV.2024 08:58:36

Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



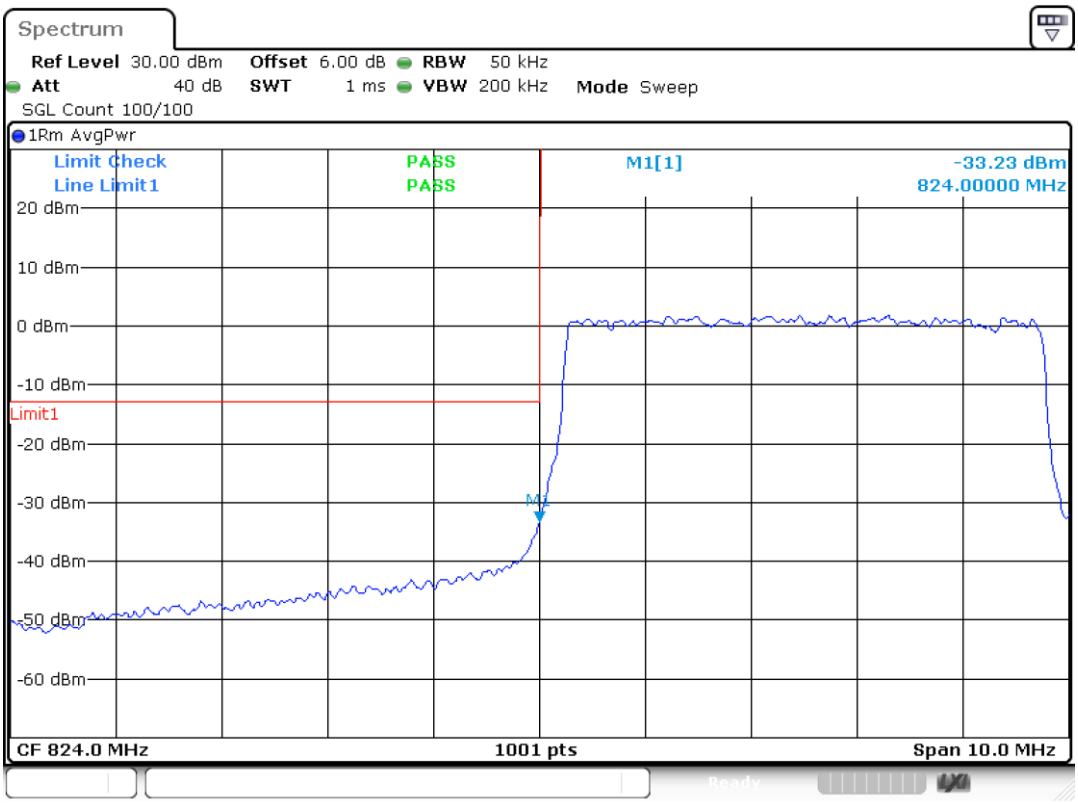
Date: 27.NOV.2024 08:58:41

Band5 QAM16 BW=3MHz Channel=20635 RB Size=15 Position=#0



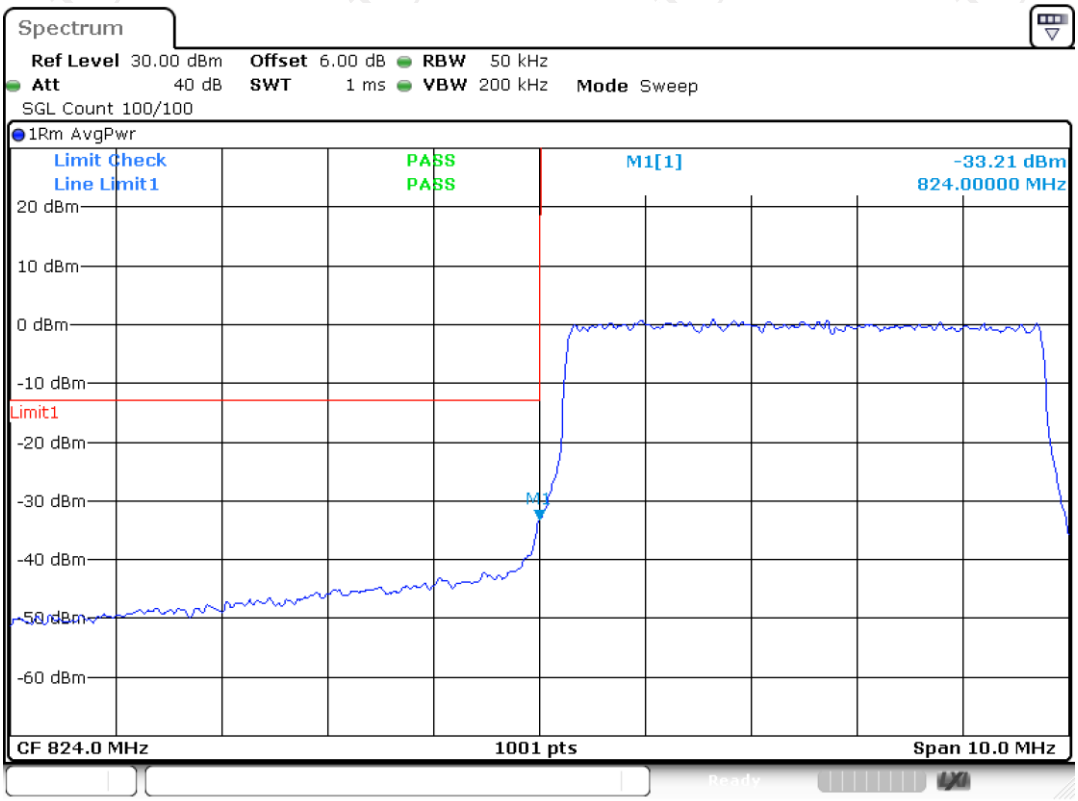
Date: 27.NOV.2024 08:58:46

Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



Date: 27.NOV.2024 08:58:51

Band5 QAM16 BW=5MHz Channel=20425 RB Size=25 Position=#0



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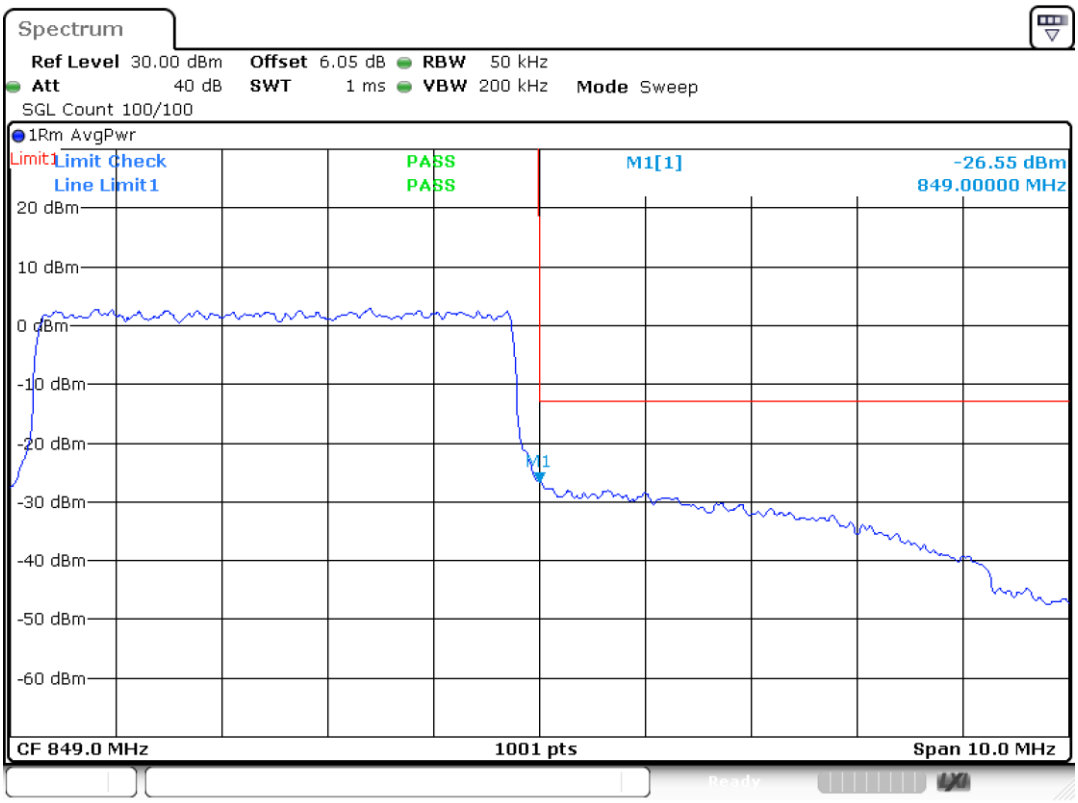
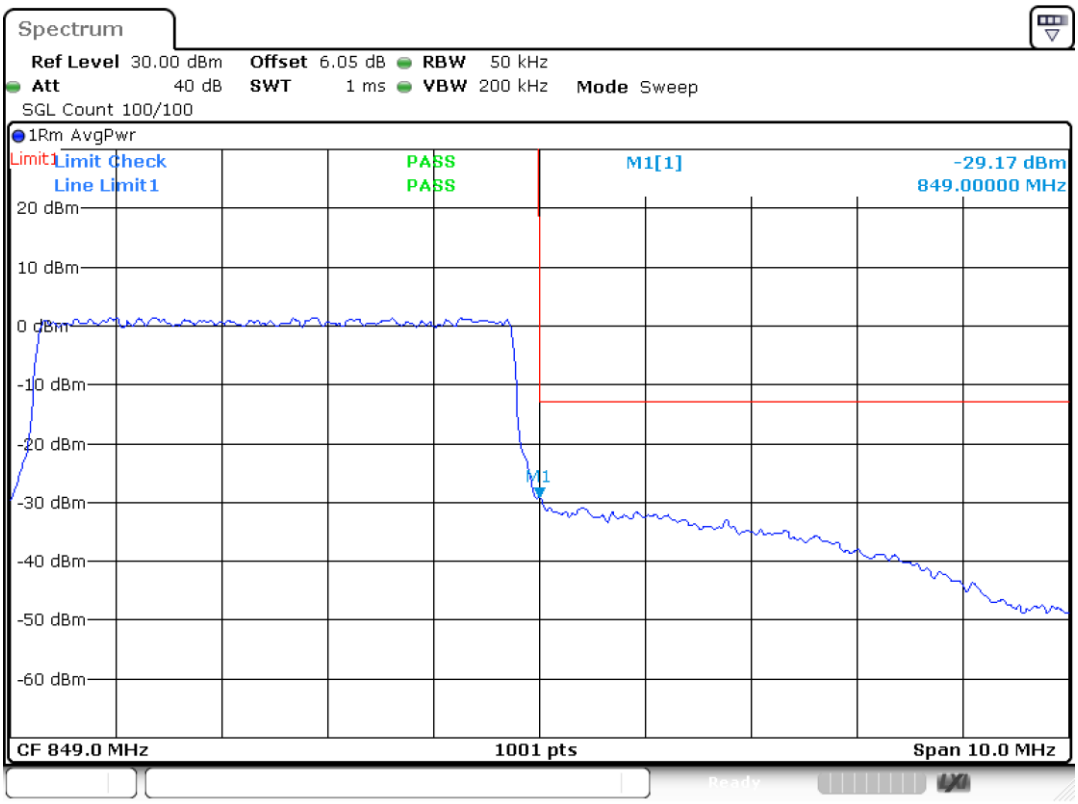
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0

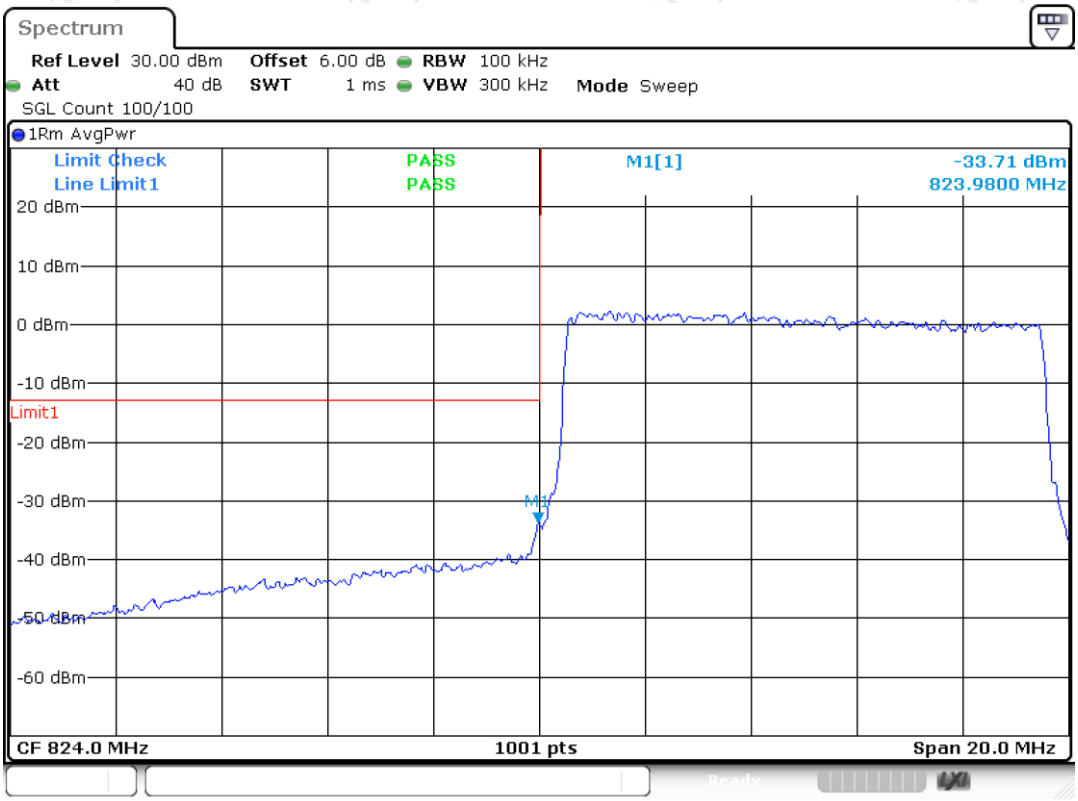


Band5 QAM16 BW=5MHz Channel=20625 RB Size=25 Position=#0



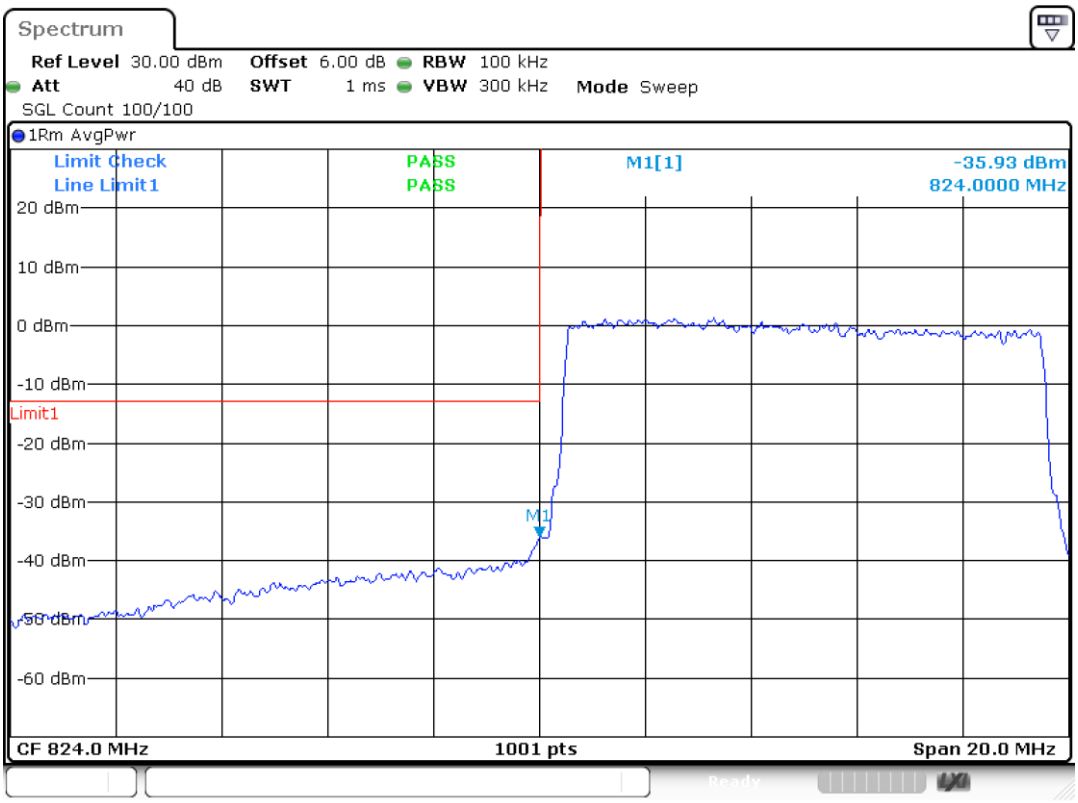
Date: 27.NOV.2024 08:59:05

Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



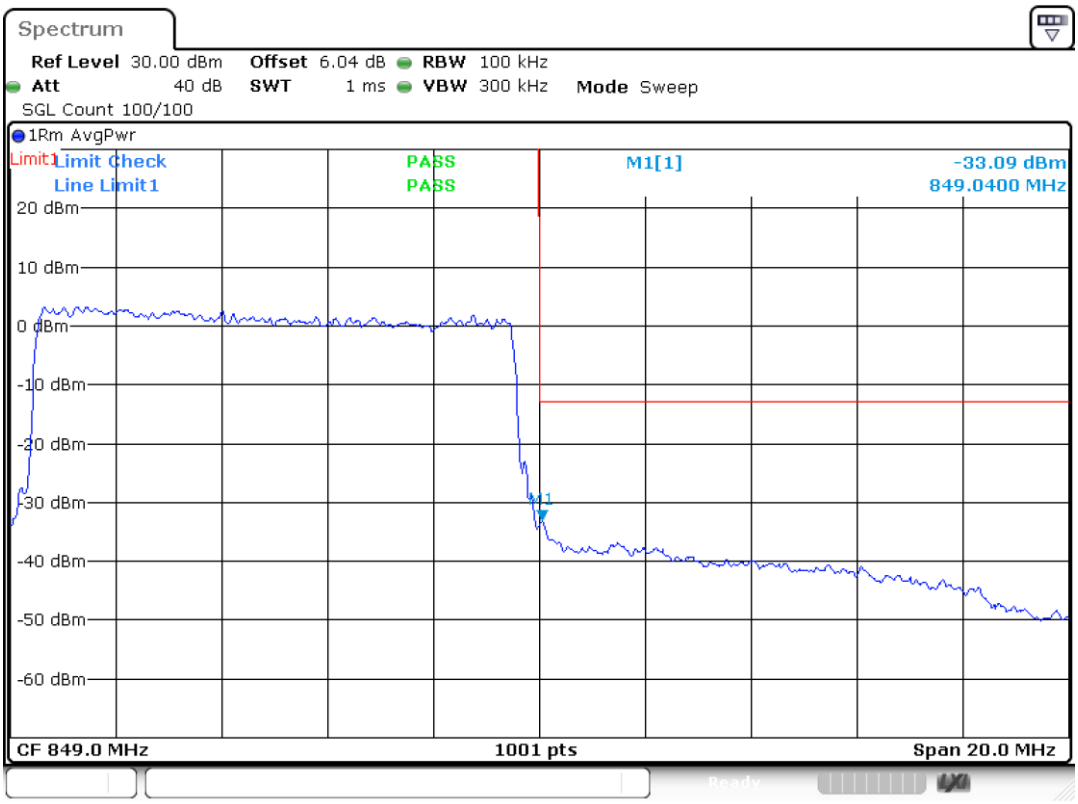
Date: 27.NOV.2024 08:59:11

Band5 QAM16 BW=10MHz Channel=20450 RB Size=50 Position=#0



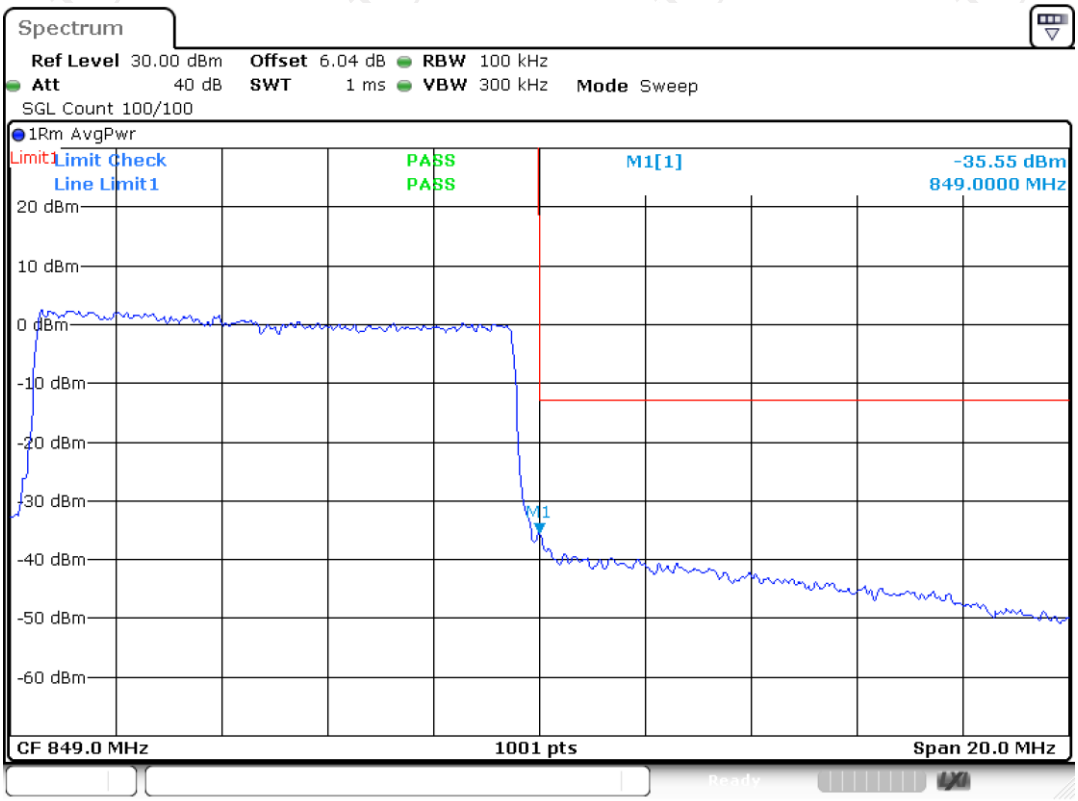
Date: 27.NOV.2024 08:59:16

Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



Date: 27.NOV.2024 08:59:21

Band5 QAM16 BW=10MHz Channel=20600 RB Size=50 Position=#0

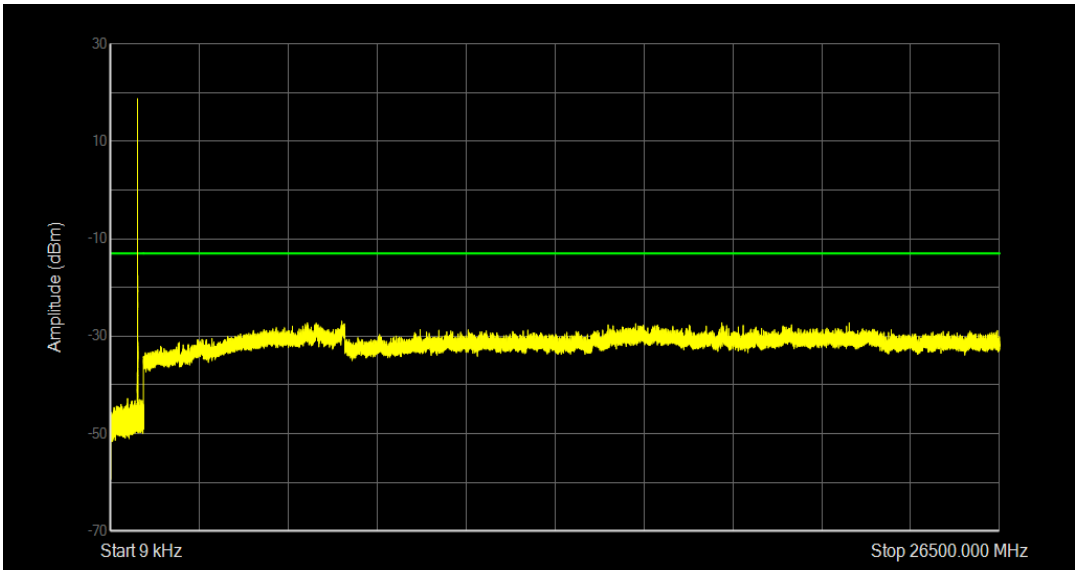


Date: 27.NOV.2024 08:59:26

6 Out-of-band emissions

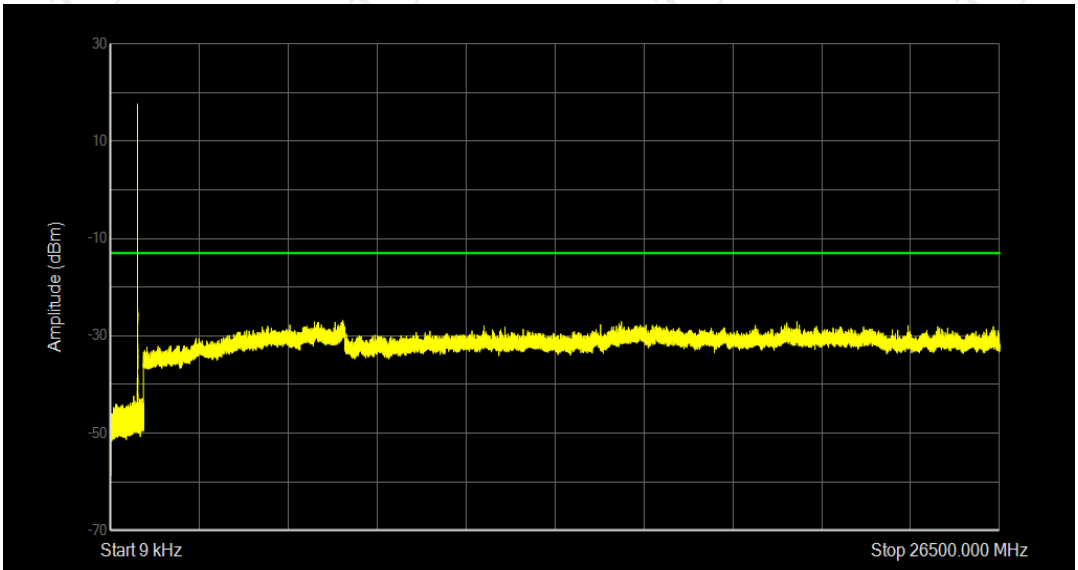
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	6907.50	-26.92	-13	PASS
Band5	1.4	20407	6	#0	QAM16	6940.65	-26.88	-13	PASS
Band5	1.4	20525	6	#0	QPSK	6129.75	-26.45	-13	PASS
Band5	1.4	20525	6	#0	QAM16	6948.30	-27.10	-13	PASS
Band5	1.4	20643	6	#0	QPSK	854.86	-24.69	-13	PASS
Band5	1.4	20643	6	#0	QAM16	15794.25	-26.31	-13	PASS
Band5	3	20415	15	#0	QPSK	6161.20	-26.63	-13	PASS
Band5	3	20415	15	#0	QAM16	6236.85	-26.43	-13	PASS
Band5	3	20525	15	#0	QPSK	16139.35	-26.80	-13	PASS
Band5	3	20525	15	#0	QAM16	6142.50	-26.80	-13	PASS
Band5	3	20635	15	#0	QPSK	6964.45	-26.54	-13	PASS
Band5	3	20635	15	#0	QAM16	6158.65	-26.20	-13	PASS
Band5	5	20425	25	#0	QPSK	6185.00	-26.68	-13	PASS
Band5	5	20425	25	#0	QAM16	6906.65	-25.65	-13	PASS
Band5	5	20525	25	#0	QPSK	6311.65	-26.73	-13	PASS
Band5	5	20525	25	#0	QAM16	6184.15	-26.96	-13	PASS
Band5	5	20625	25	#0	QPSK	6188.40	-26.81	-13	PASS
Band5	5	20625	25	#0	QAM16	6949.15	-26.56	-13	PASS
Band5	10	20450	50	#0	QPSK	6855.65	-26.69	-13	PASS
Band5	10	20450	50	#0	QAM16	6915.15	-26.58	-13	PASS
Band5	10	20525	50	#0	QPSK	6176.50	-26.61	-13	PASS
Band5	10	20525	50	#0	QAM16	15839.30	-26.59	-13	PASS
Band5	10	20600	50	#0	QPSK	6936.40	-26.48	-13	PASS
Band5	10	20600	50	#0	QAM16	6972.10	-26.00	-13	PASS

Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



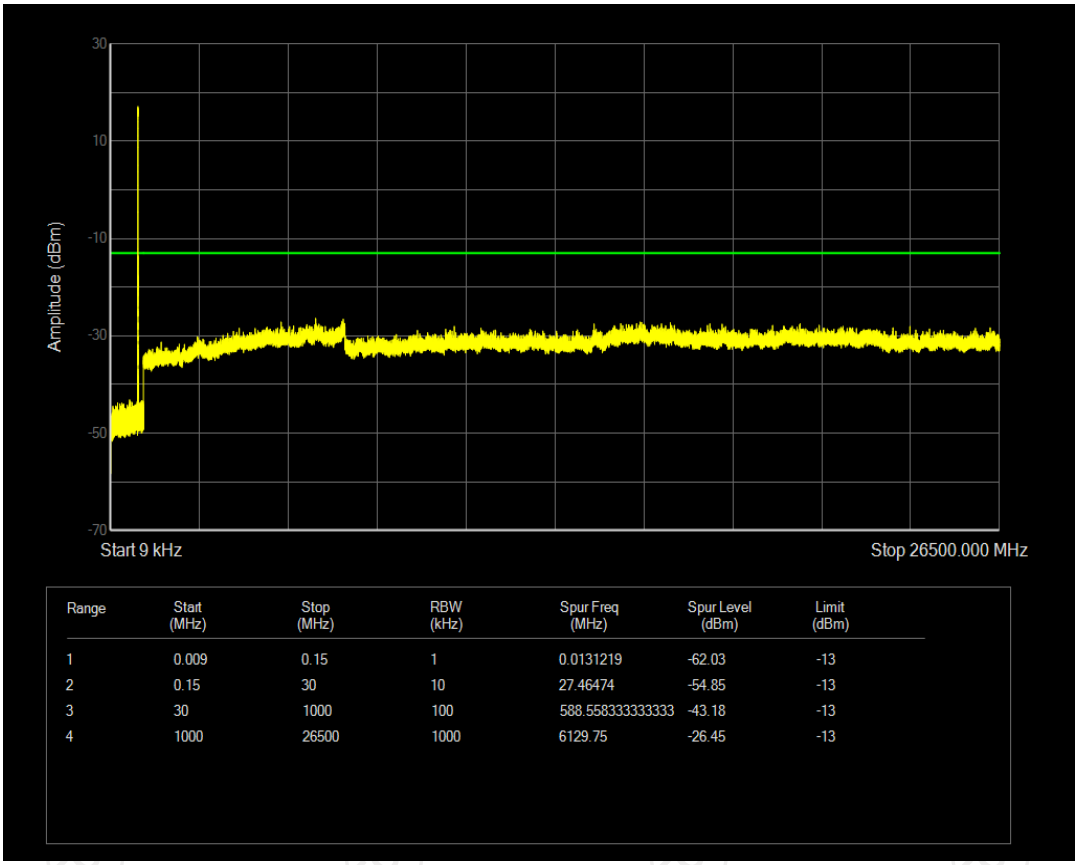
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0099635	-60.73	-13
2	0.15	30	10	26.966245	-55.44	-13
3	30	1000	100	526.381333333333	-42.79	-13
4	1000	26500	1000	6907.5	-26.92	-13

Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=6 Position=#0



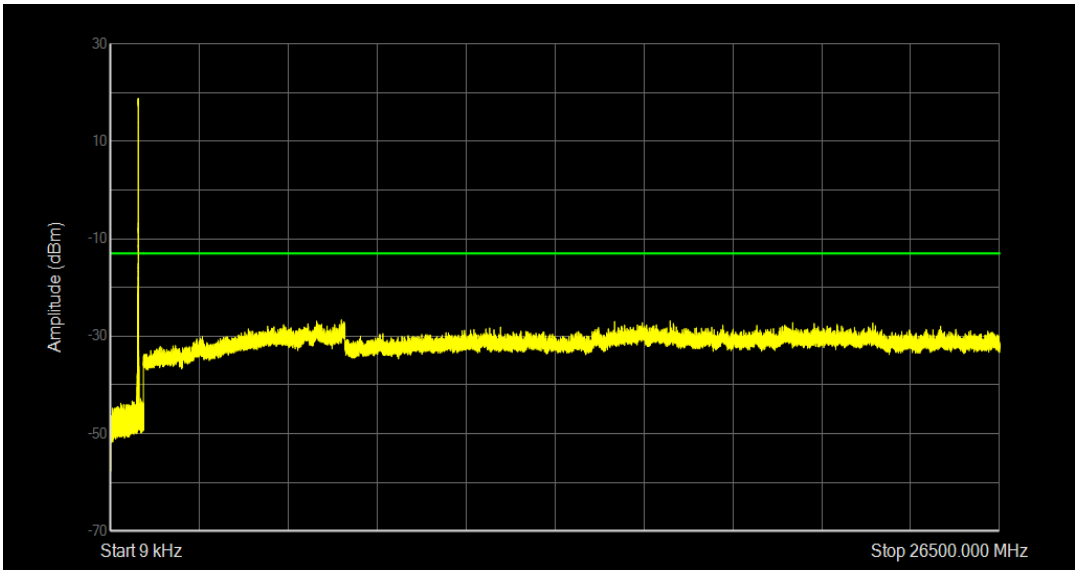
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0103301	-62.47	-13
2	0.15	30	10	23.84891	-55	-13
3	30	1000	100	708.935333333333	-42.39	-13
4	1000	26500	1000	6940.65	-26.88	-13

Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



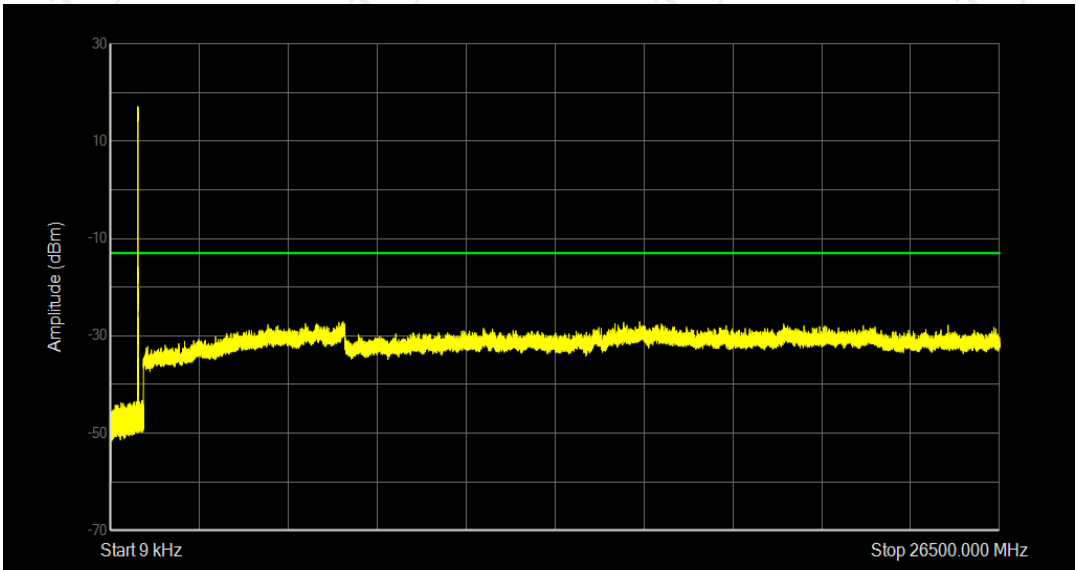
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0131219	-62.03	-13
2	0.15	30	10	27.46474	-54.85	-13
3	30	1000	100	588.558333333333	-43.18	-13
4	1000	26500	1000	6129.75	-26.45	-13

Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



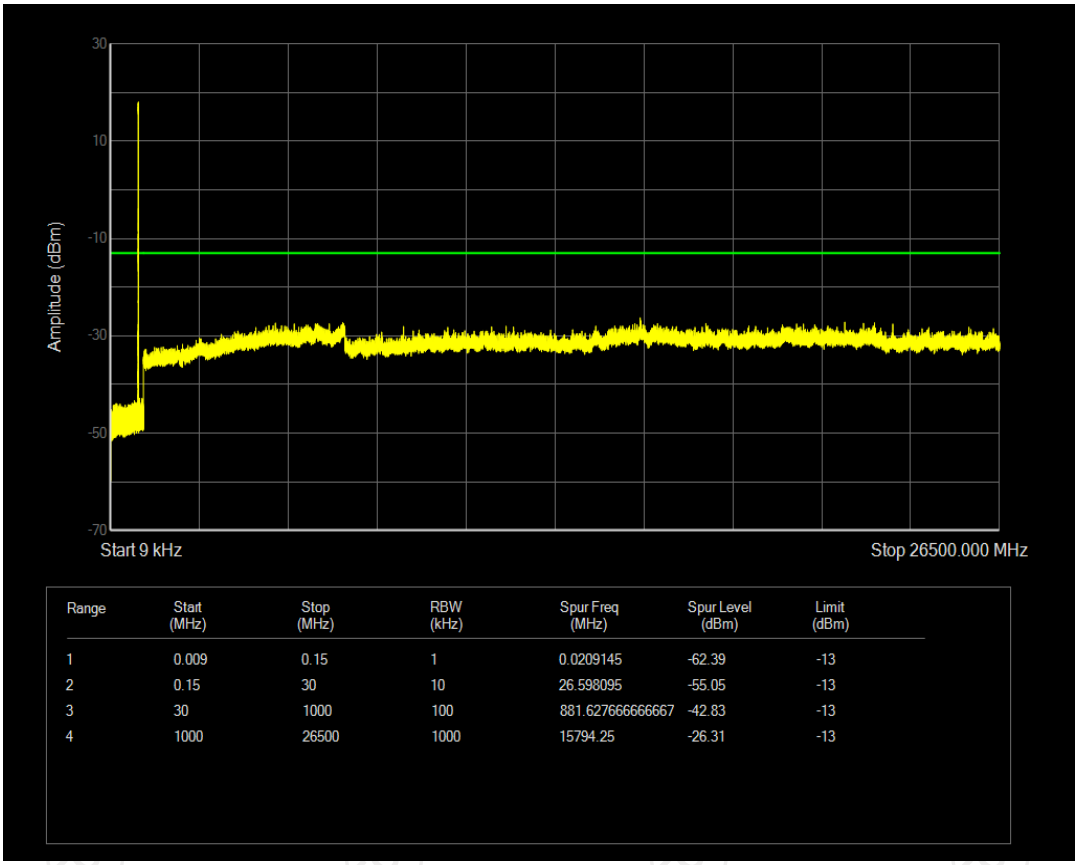
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0103019	-61.72	-13
2	0.15	30	10	29.99204	-55.92	-13
3	30	1000	100	854.855666666667	-24.69	-13
4	1000	26500	1000	6897.3	-26.65	-13

Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=6 Position=#0



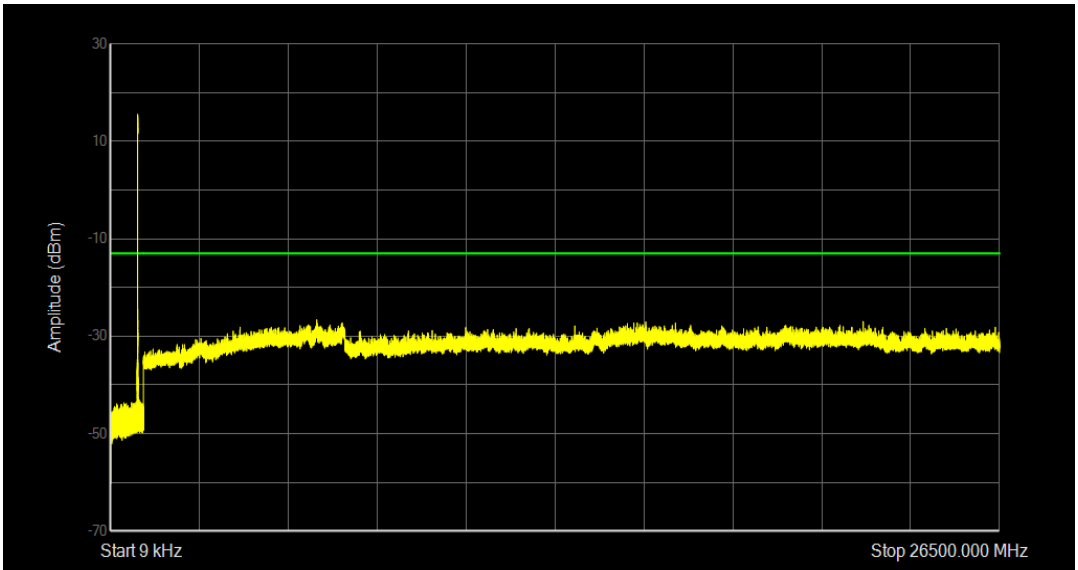
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-61.97	-13
2	0.15	30	10	29.96219	-54.83	-13
3	30	1000	100	968.863	-43.26	-13
4	1000	26500	1000	6948.3	-27.1	-13

Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=6 Position=#0



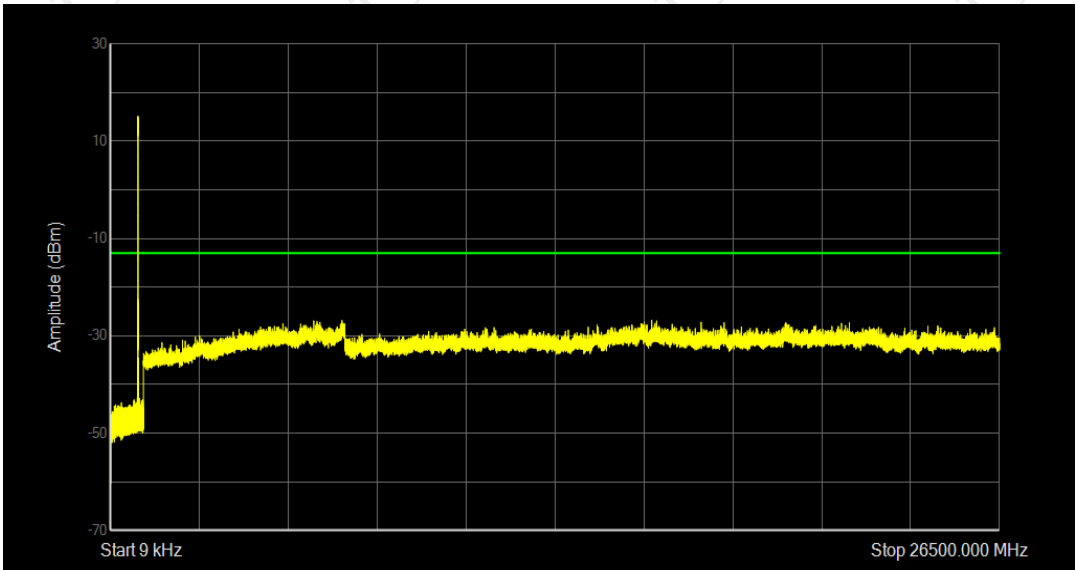
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0209145	-62.39	-13
2	0.15	30	10	26.598095	-55.05	-13
3	30	1000	100	881.627666666667	-42.83	-13
4	1000	26500	1000	15794.25	-26.31	-13

Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



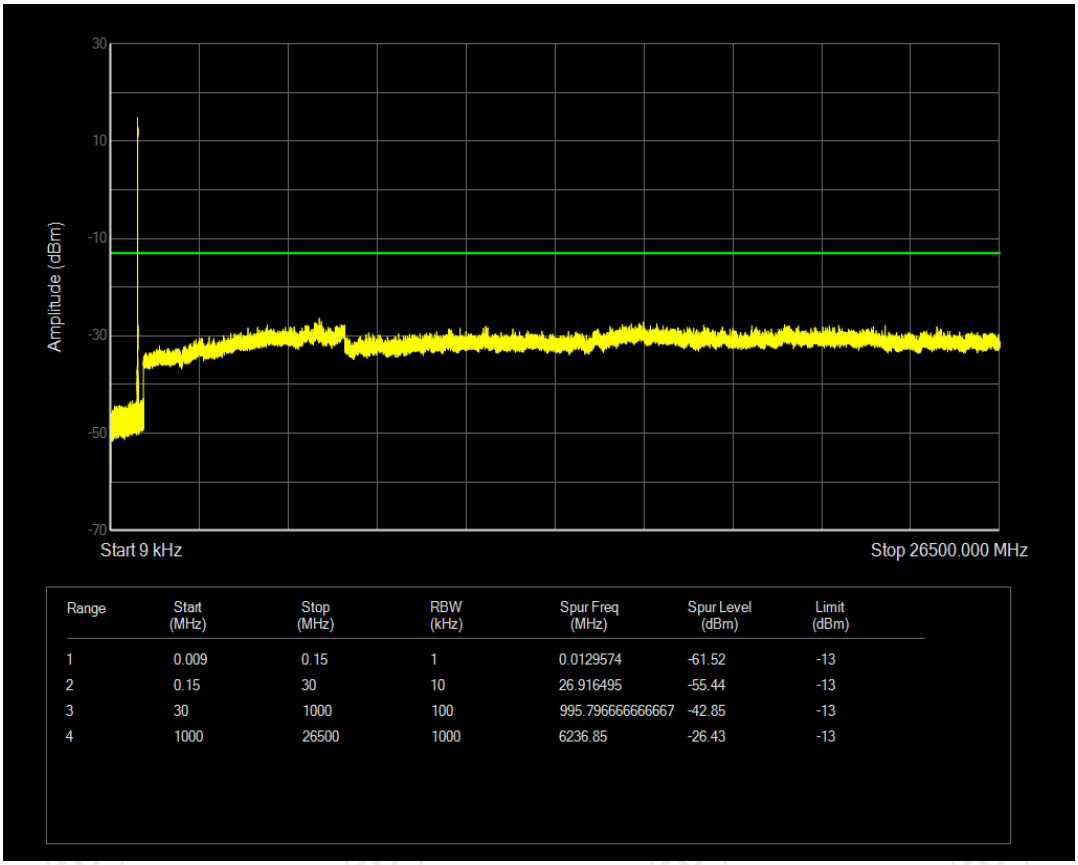
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100058	-60.34	-13
2	0.15	30	10	27.298575	-54.72	-13
3	30	1000	100	874.320333333333	-43.08	-13
4	1000	26500	1000	6161.2	-26.63	-13

Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



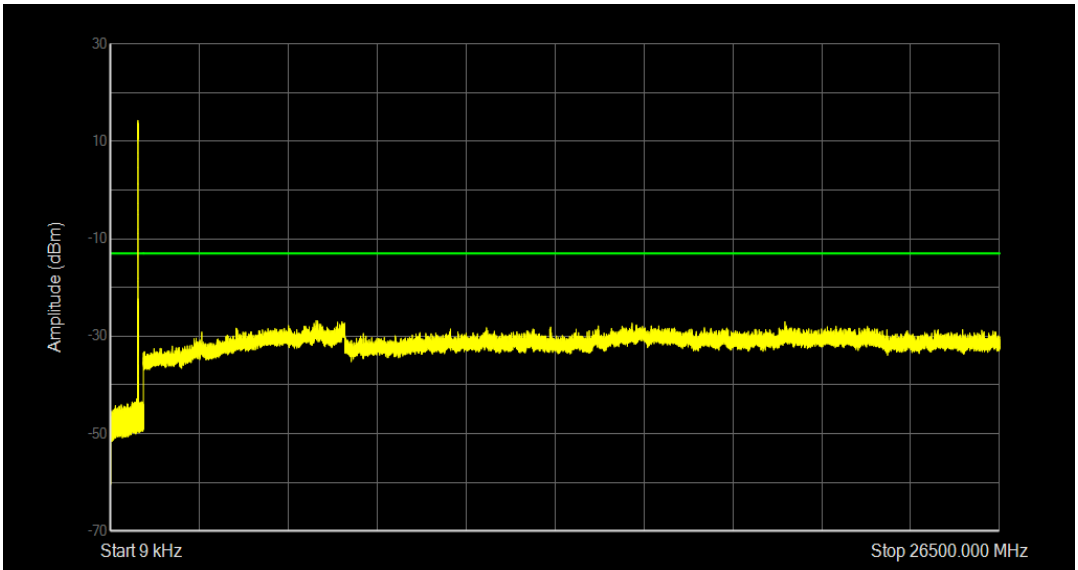
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0104993	-62.83	-13
2	0.15	30	10	24.301635	-55.18	-13
3	30	1000	100	883.050333333333	-42.89	-13
4	1000	26500	1000	16139.35	-26.8	-13

Band5 QAM16 BW=3MHz Channel=20415 RB Size=15 Position=#0



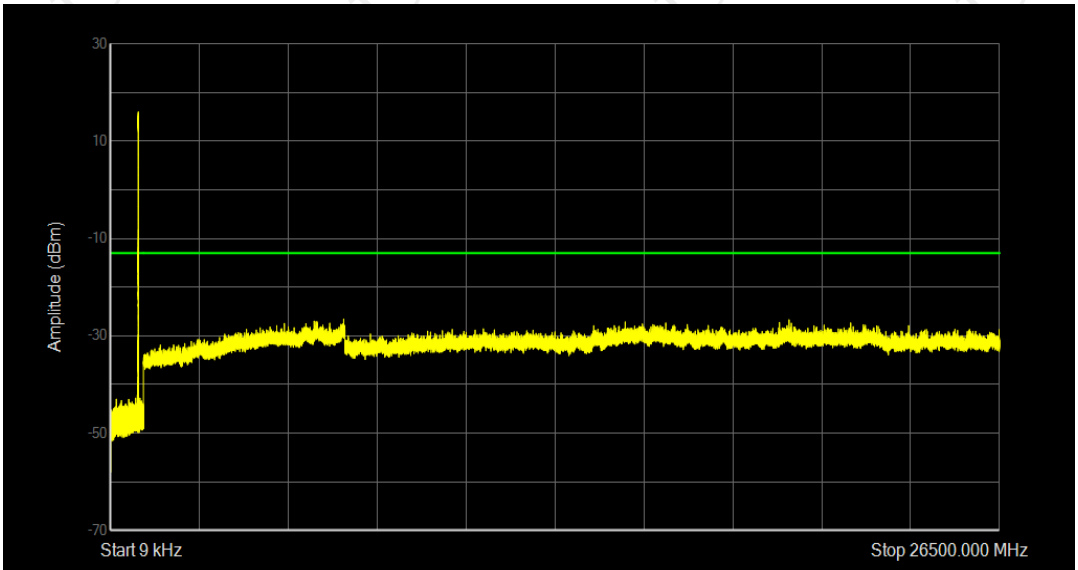
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0129574	-61.52	-13
2	0.15	30	10	26.916495	-55.44	-13
3	30	1000	100	995.796666666667	-42.85	-13
4	1000	26500	1000	6236.85	-26.43	-13

Band5 QAM16 BW=3MHz Channel=20525 RB Size=15 Position=#0



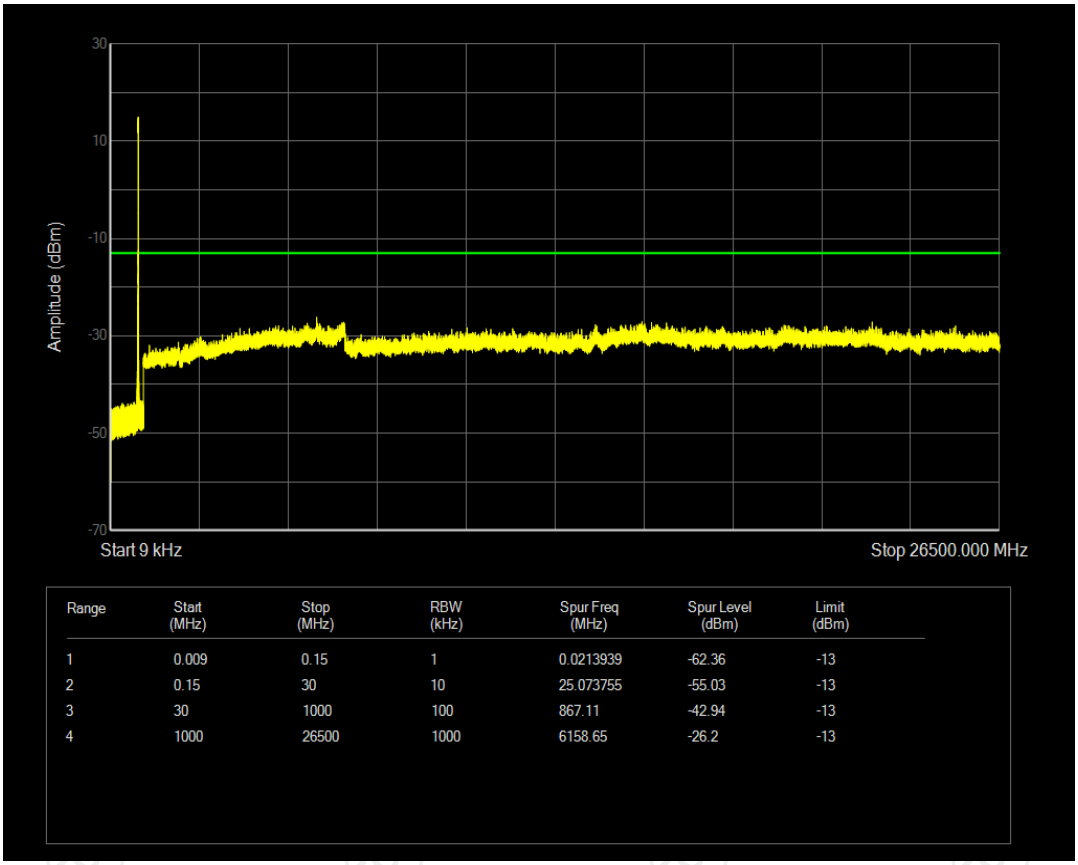
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0116226	-62.05	-13
2	0.15	30	10	27.099575	-55.15	-13
3	30	1000	100	795.556333333333	-42.86	-13
4	1000	26500	1000	6142.5	-26.8	-13

Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



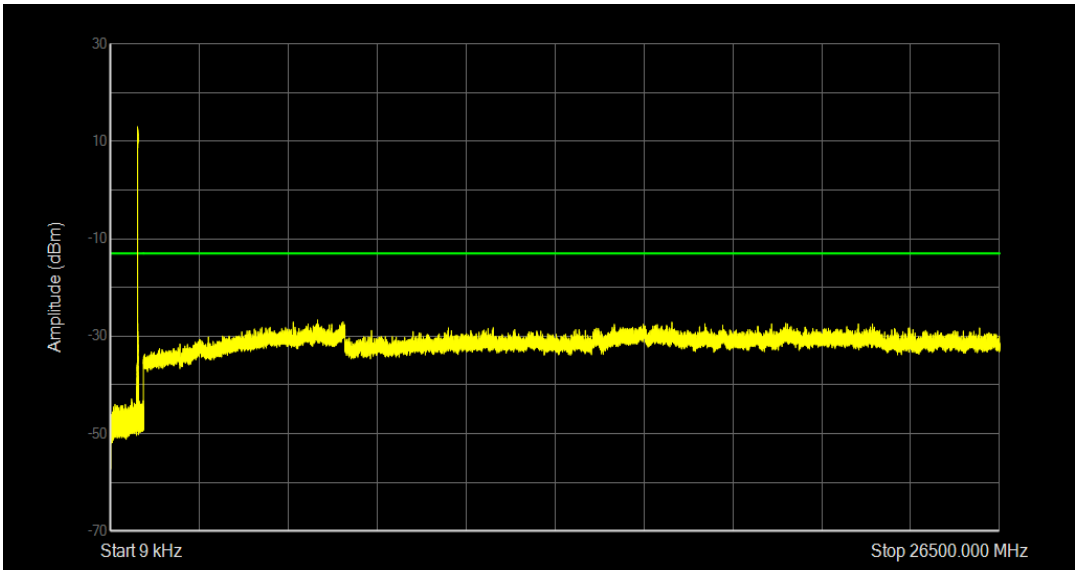
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010551	-62.98	-13
2	0.15	30	10	26.20109	-55.69	-13
3	30	1000	100	767.491	-42.8	-13
4	1000	26500	1000	6964.45	-26.54	-13

Band5 QAM16 BW=3MHz Channel=20635 RB Size=15 Position=#0



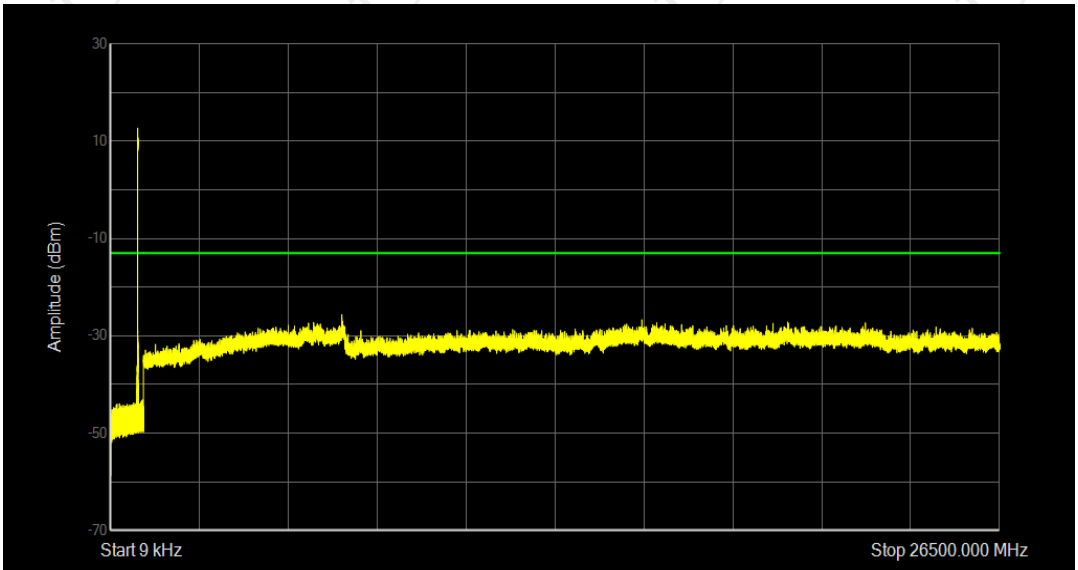
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0213939	-62.36	-13
2	0.15	30	10	25.073755	-55.03	-13
3	30	1000	100	867.11	-42.94	-13
4	1000	26500	1000	6158.65	-26.2	-13

Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



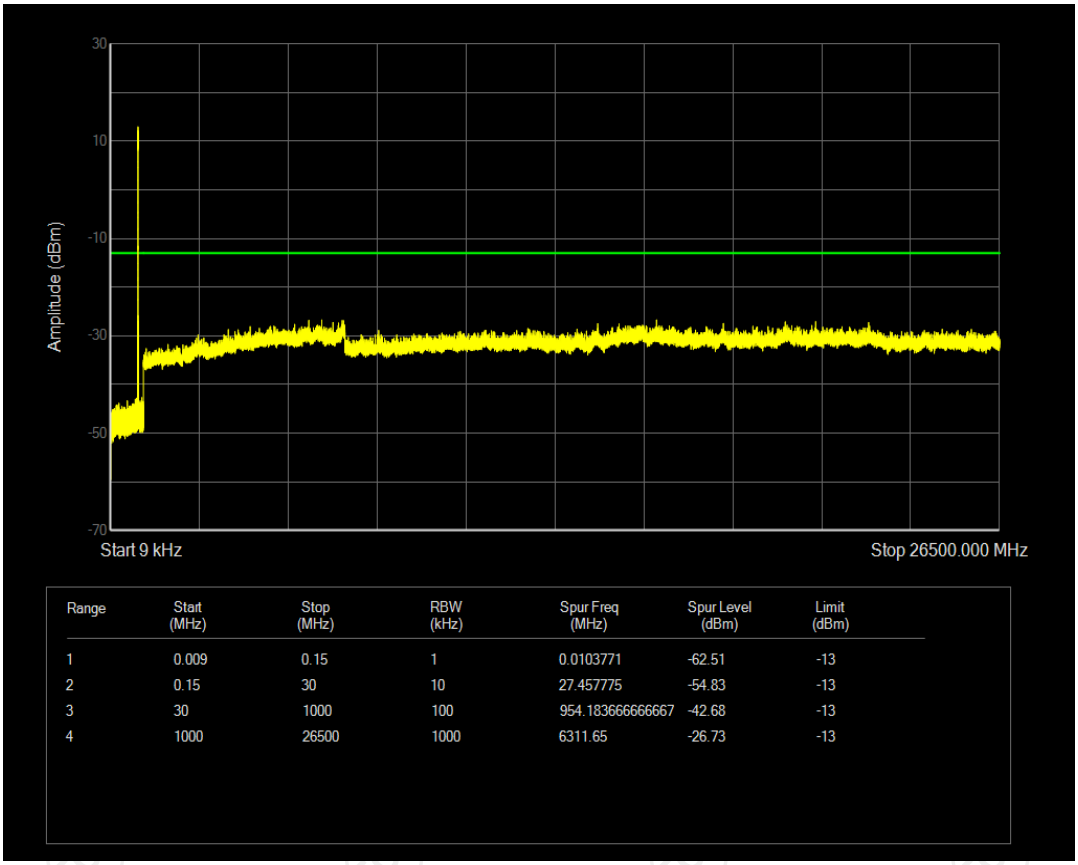
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0105181	-62.19	-13
2	0.15	30	10	25.322505	-55.49	-13
3	30	1000	100	646.984666666667	-42.93	-13
4	1000	26500	1000	6185	-26.68	-13

Band5 QAM16 BW=5MHz Channel=20425 RB Size=25 Position=#0



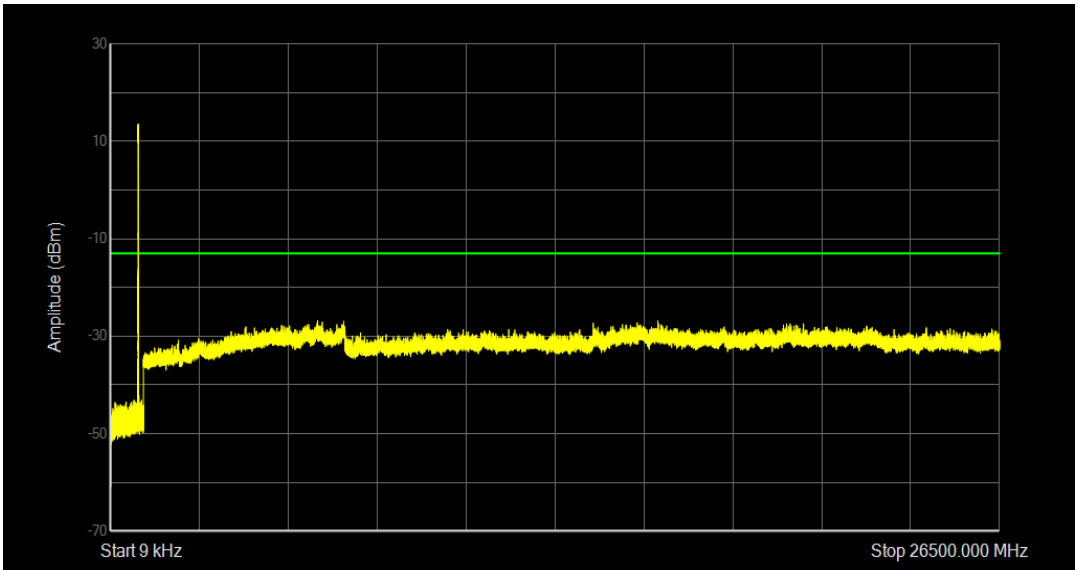
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0159372	-63.37	-13
2	0.15	30	10	22.058905	-54.96	-13
3	30	1000	100	975.426666666667	-43.1	-13
4	1000	26500	1000	6906.65	-25.65	-13

Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



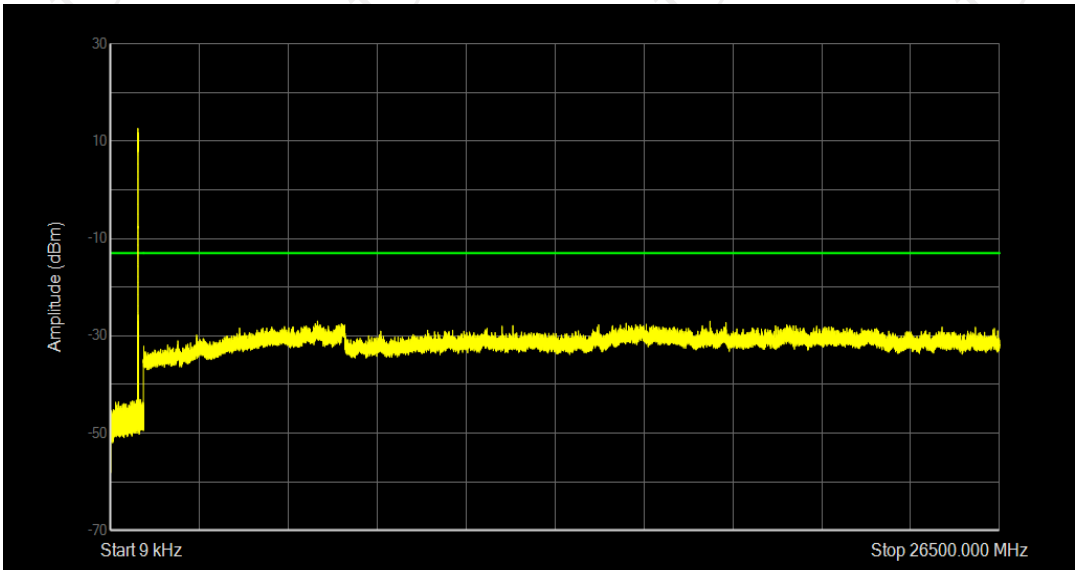
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0103771	-62.51	-13
2	0.15	30	10	27.457775	-54.83	-13
3	30	1000	100	954.183666666667	-42.68	-13
4	1000	26500	1000	6311.65	-26.73	-13

Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



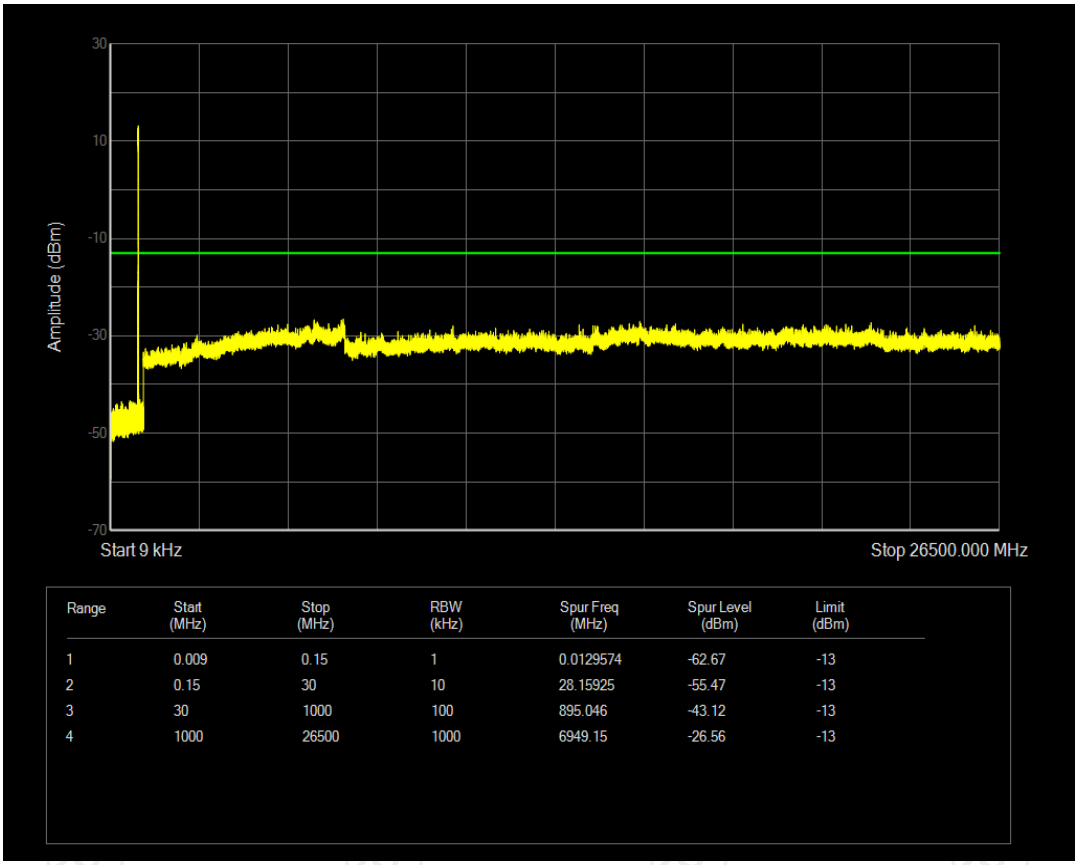
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0144708	-62.66	-13
2	0.15	30	10	29.84876	-54.62	-13
3	30	1000	100	945.259666666667	-43.13	-13
4	1000	26500	1000	6188.4	-26.81	-13

Band5 QAM16 BW=5MHz Channel=20525 RB Size=25 Position=#0



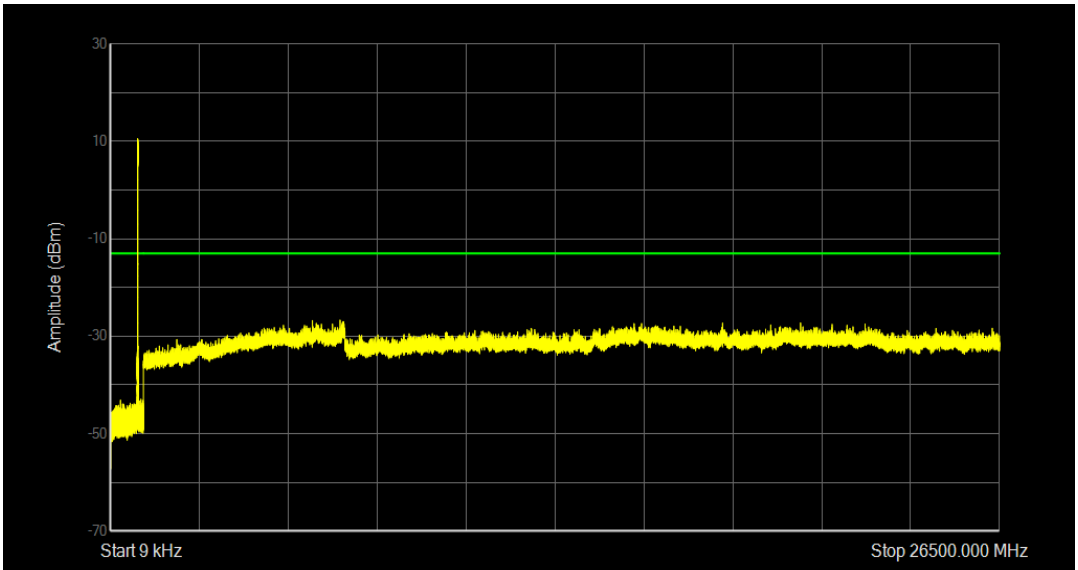
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0126613	-60.78	-13
2	0.15	30	10	21.47882	-55.65	-13
3	30	1000	100	901.448	-43.06	-13
4	1000	26500	1000	6184.15	-26.96	-13

Band5 QAM16 BW=5MHz Channel=20625 RB Size=25 Position=#0



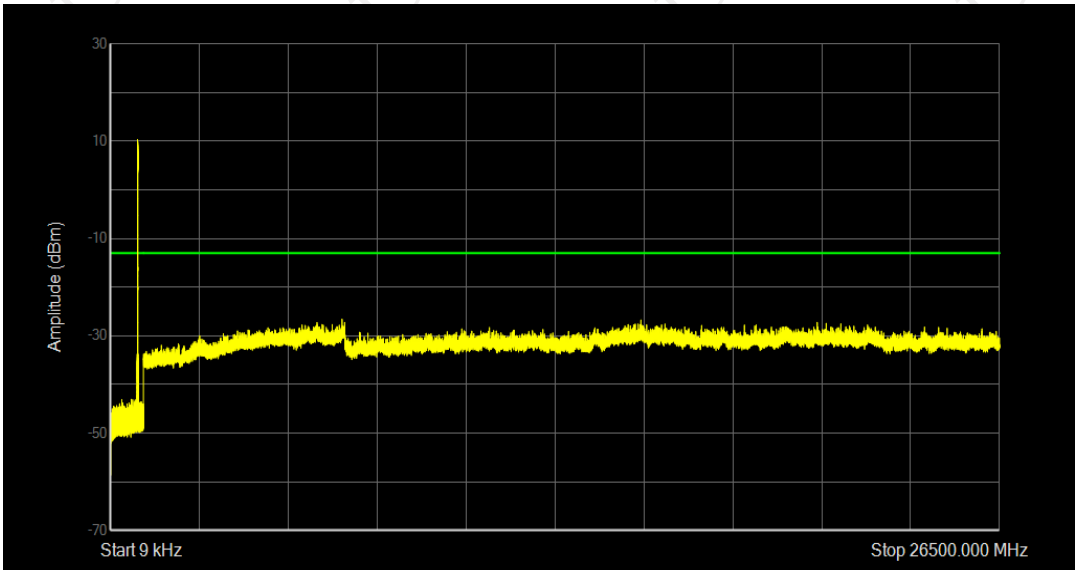
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0129574	-62.67	-13
2	0.15	30	10	28.15925	-55.47	-13
3	30	1000	100	895.046	-43.12	-13
4	1000	26500	1000	6949.15	-26.56	-13

Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



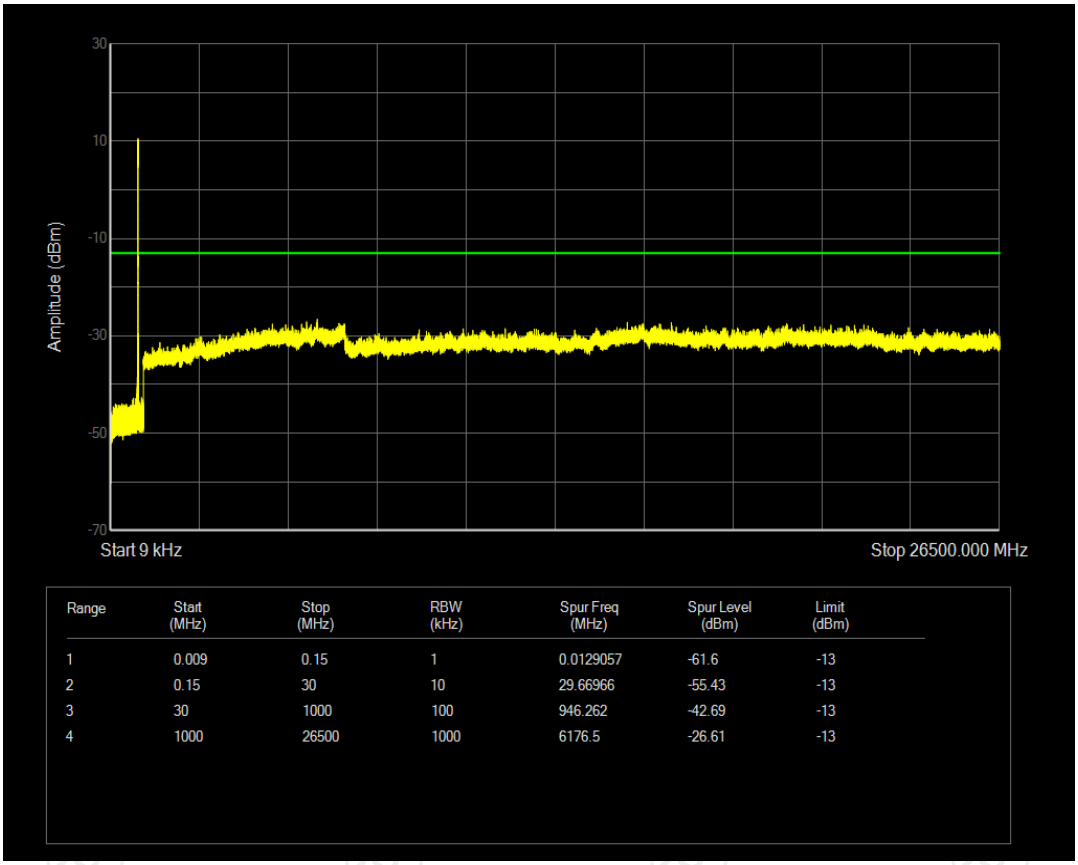
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0140713	-62.34	-13
2	0.15	30	10	29.577125	-55.98	-13
3	30	1000	100	925.698	-42.96	-13
4	1000	26500	1000	6855.65	-26.69	-13

Band5 QAM16 BW=10MHz Channel=20450 RB Size=50 Position=#0



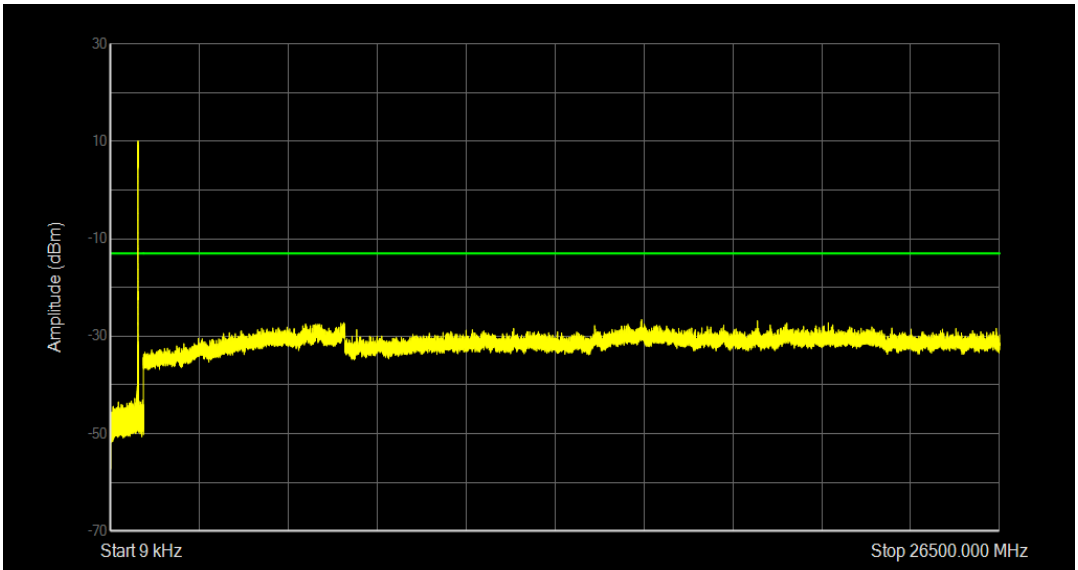
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010363	-62.39	-13
2	0.15	30	10	27.7513	-55.31	-13
3	30	1000	100	640.194666666667	-43.04	-13
4	1000	26500	1000	6915.15	-26.58	-13

Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



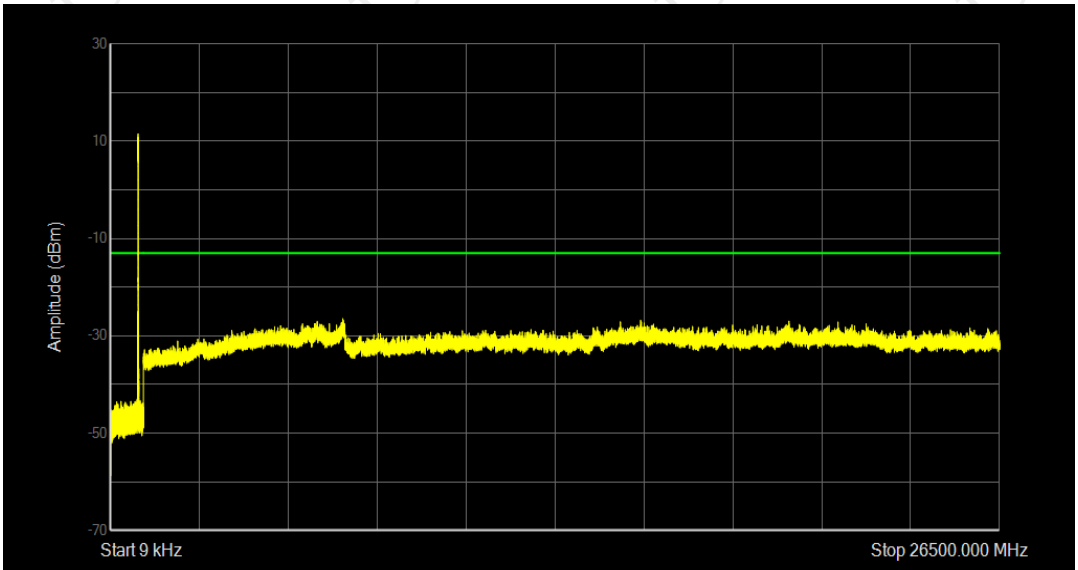
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0129057	-61.6	-13
2	0.15	30	10	29.66966	-55.43	-13
3	30	1000	100	946.262	-42.69	-13
4	1000	26500	1000	6176.5	-26.61	-13

Band5 QAM16 BW=10MHz Channel=20525 RB Size=50 Position=#0



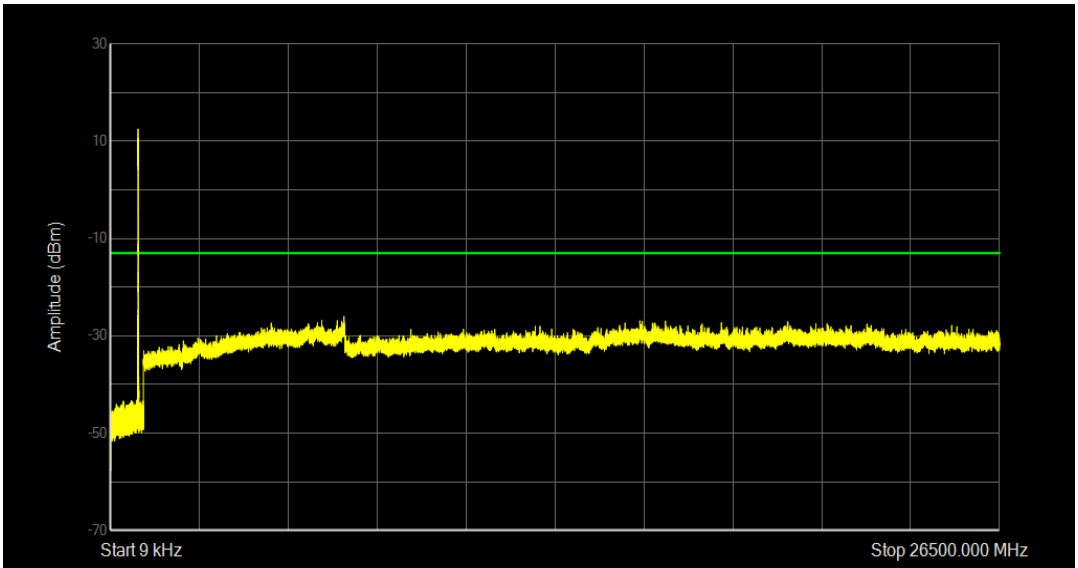
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-62.36	-13
2	0.15	30	10	23.937465	-55.49	-13
3	30	1000	100	743.273333333333	-42.76	-13
4	1000	26500	1000	15839.3	-26.59	-13

Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013042	-62.62	-13
2	0.15	30	10	27.64782	-55.15	-13
3	30	1000	100	901.383333333333	-43.35	-13
4	1000	26500	1000	6936.4	-26.48	-13

Band5 QAM16 BW=10MHz Channel=20600 RB Size=50 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094136	-62.25	-13
2	0.15	30	10	24.118555	-55.25	-13
3	30	1000	100	636.347	-43.34	-13
4	1000	26500	1000	6972.1	-26	-13