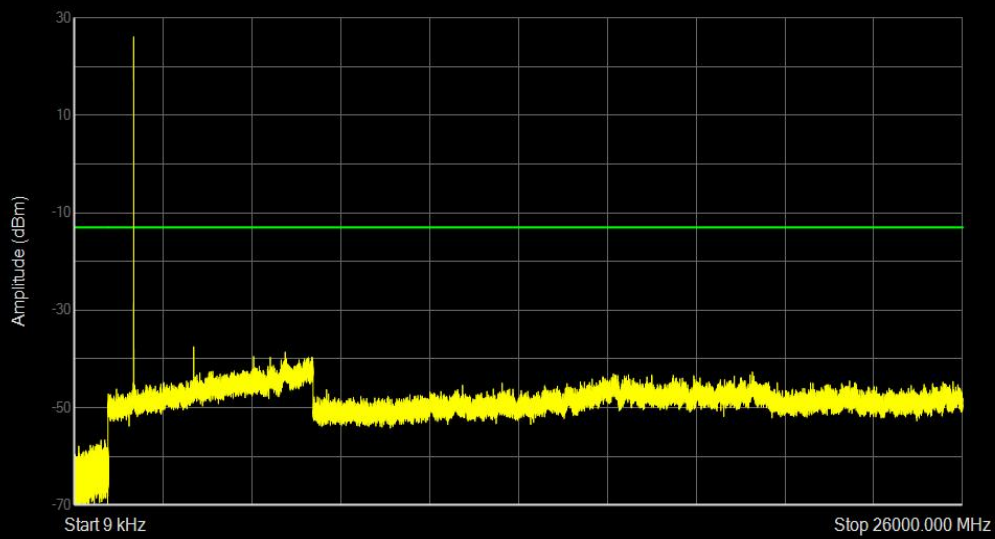
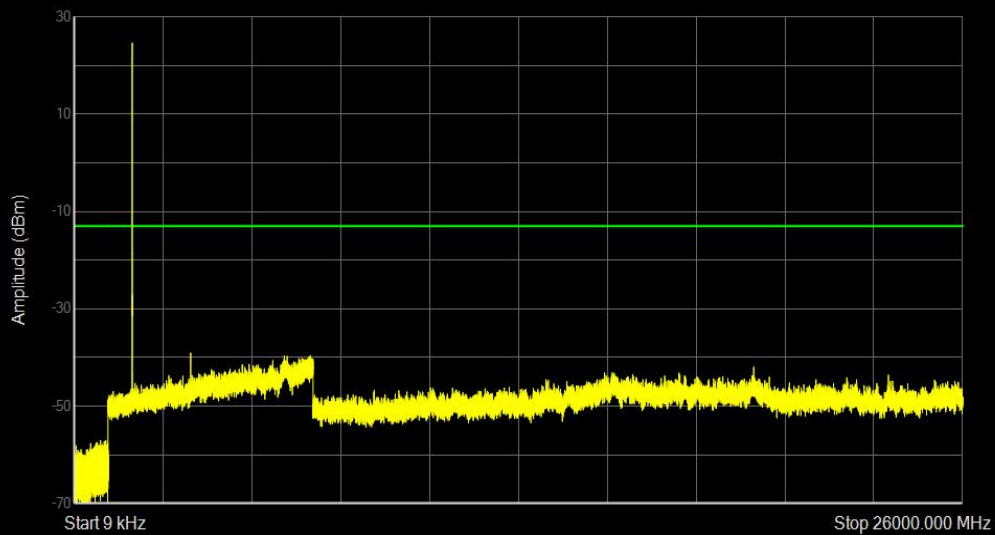


Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=1 Position=#0



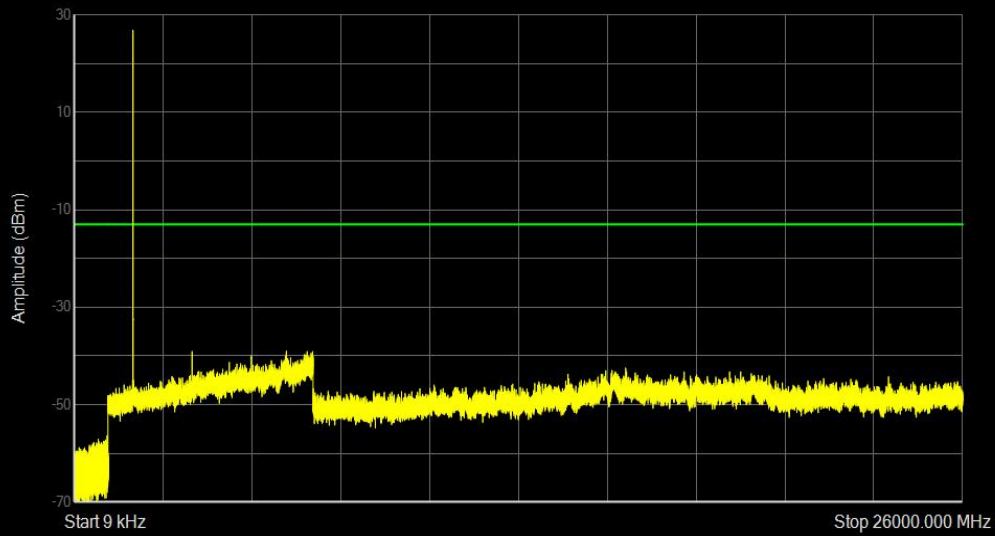
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0415428	-61.77	-13
2	0.15	30	10	0.15398	-59.59	-13
3	30	1000	100	909.143333333333	-56.64	-13
4	1000	26000	1000	3507.5	-37.51	-13

Band4 QAM16 BW=3MHz Channel=19965 RB Size=1 Position=#0



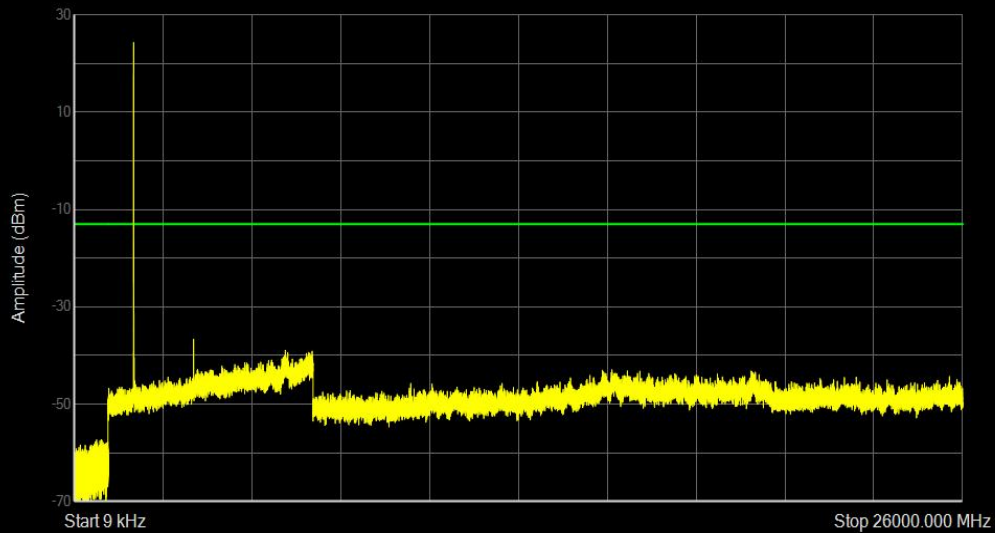
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0424969	-62.32	-13
2	0.15	30	10	0.154975	-59.61	-13
3	30	1000	100	940.086333333333	-57.04	-13
4	1000	26000	1000	3420	-39.09	-13

Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



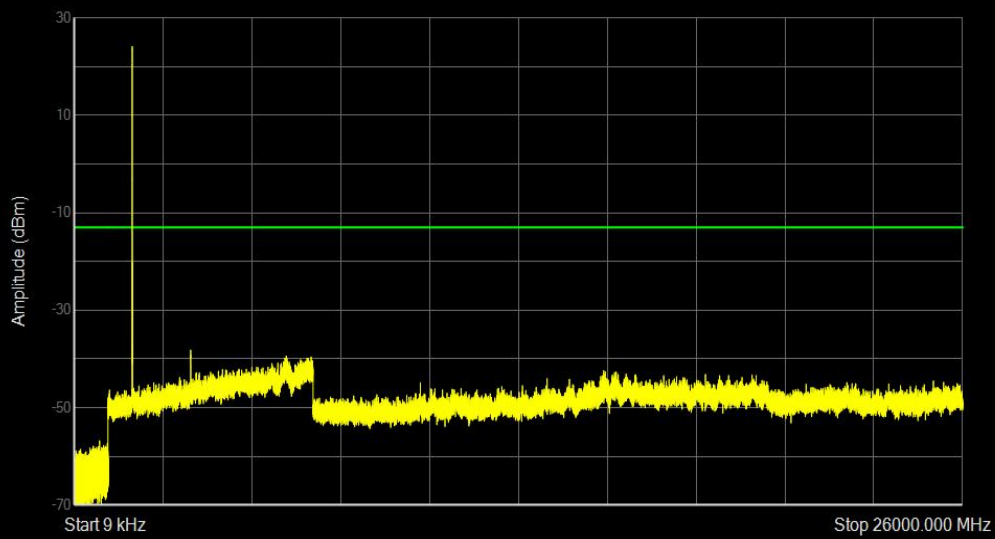
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0781276	-61.58	-13
2	0.15	30	10	0.15	-60.97	-13
3	30	1000	100	976.849333333333	-56.38	-13
4	1000	26000	1000	6219.16666666667	-39.03	-13

Band4 QAM16 BW=3MHz Channel=20385 RB Size=1 Position=#0



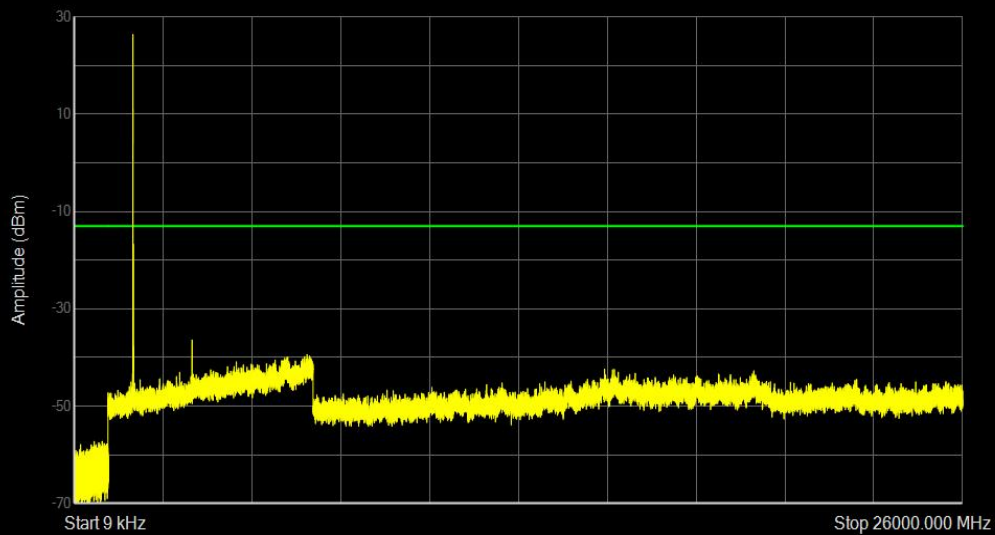
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0482027	-62.4	-13
2	0.15	30	10	0.158955	-62.02	-13
3	30	1000	100	805.03	-57.29	-13
4	1000	26000	1000	3504.16666666667	-36.67	-13

Band4 QAM16 BW=5MHz Channel=19975 RB Size=1 Position=#0



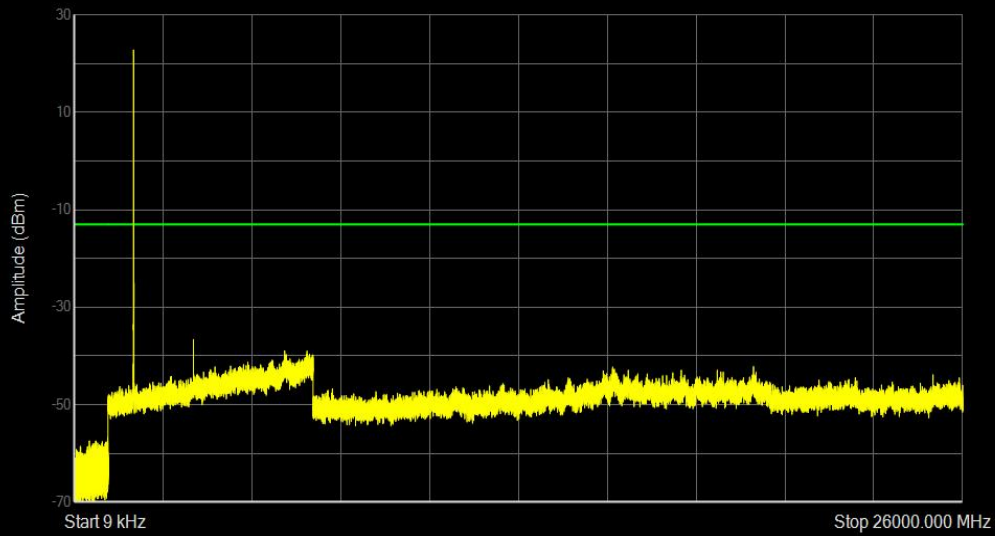
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0840355	-63.42	-13
2	0.15	30	10	0.15	-61.27	-13
3	30	1000	100	755.754	-56.8	-13
4	1000	26000	1000	3419.1666666667	-38.18	-13

Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



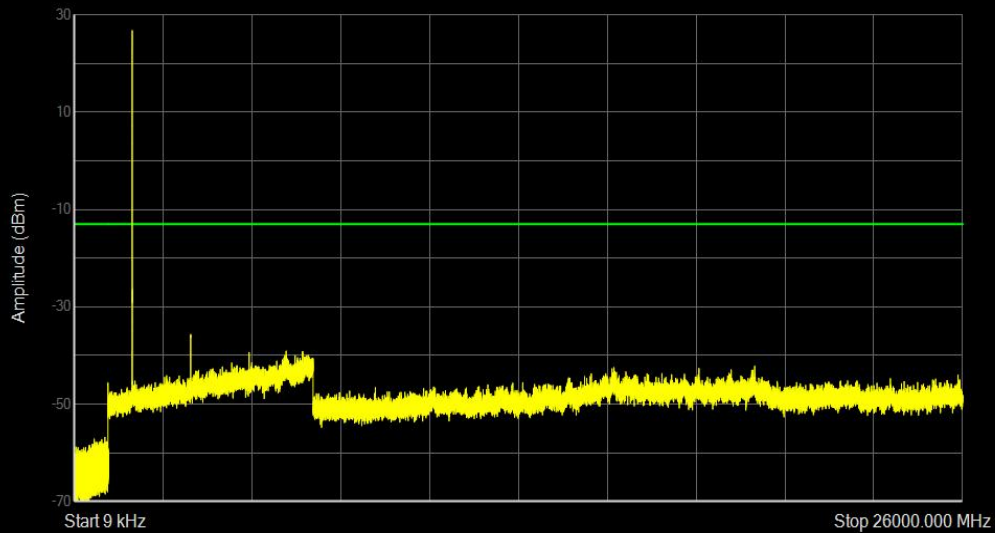
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0798431	-62.82	-13
2	0.15	30	10	0.15	-62.27	-13
3	30	1000	100	596.60933333333	-57.23	-13
4	1000	26000	1000	3460.8333333333	-36.41	-13

Band4 QAM16 BW=5MHz Channel=20375 RB Size=1 Position=#0



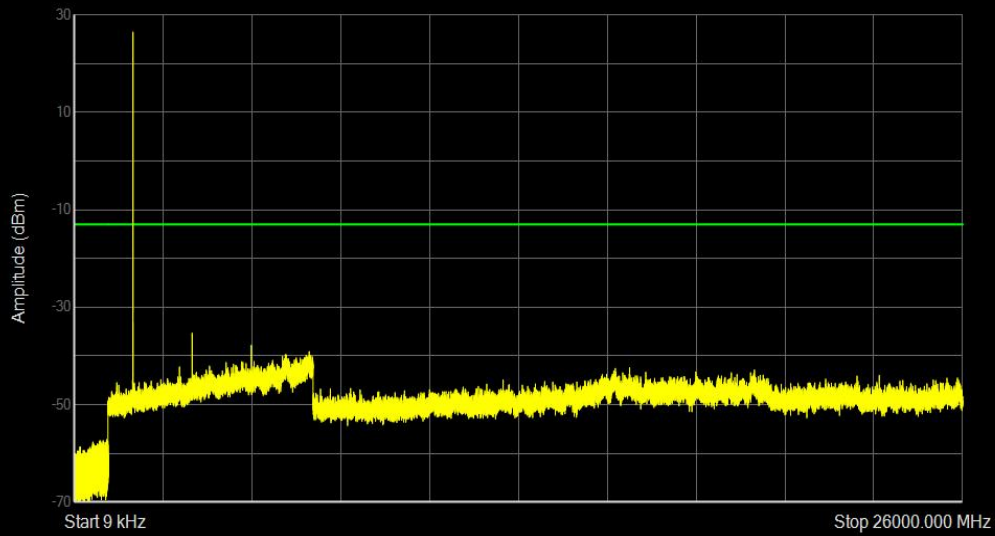
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0583312	-64.83	-13
2	0.15	30	10	0.15	-62.21	-13
3	30	1000	100	990.946666666667	-56.76	-13
4	1000	26000	1000	3500.83333333333	-36.62	-13

Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



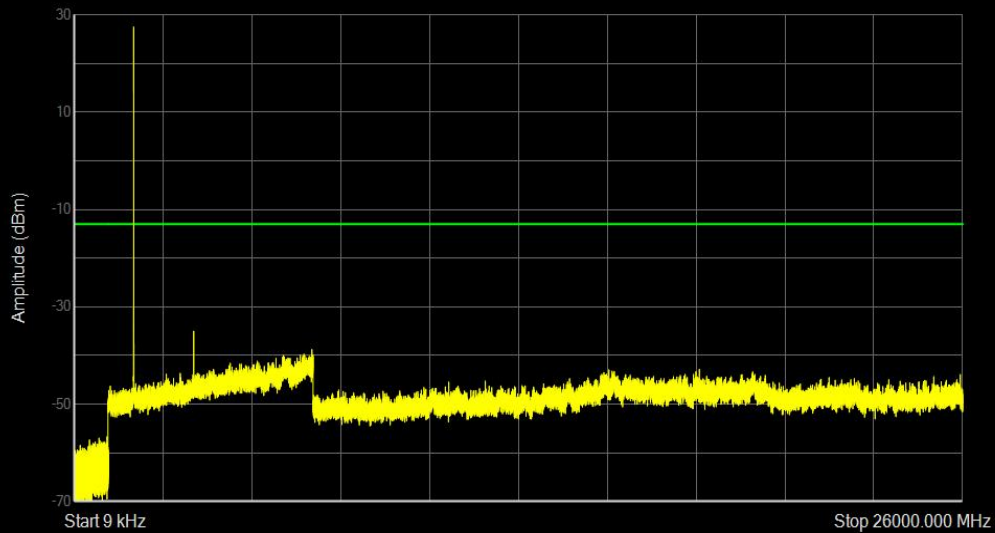
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.106619	-62.43	-13
2	0.15	30	10	0.15398	-58.37	-13
3	30	1000	100	912.603	-56.82	-13
4	1000	26000	1000	3420.83333333333	-35.68	-13

Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



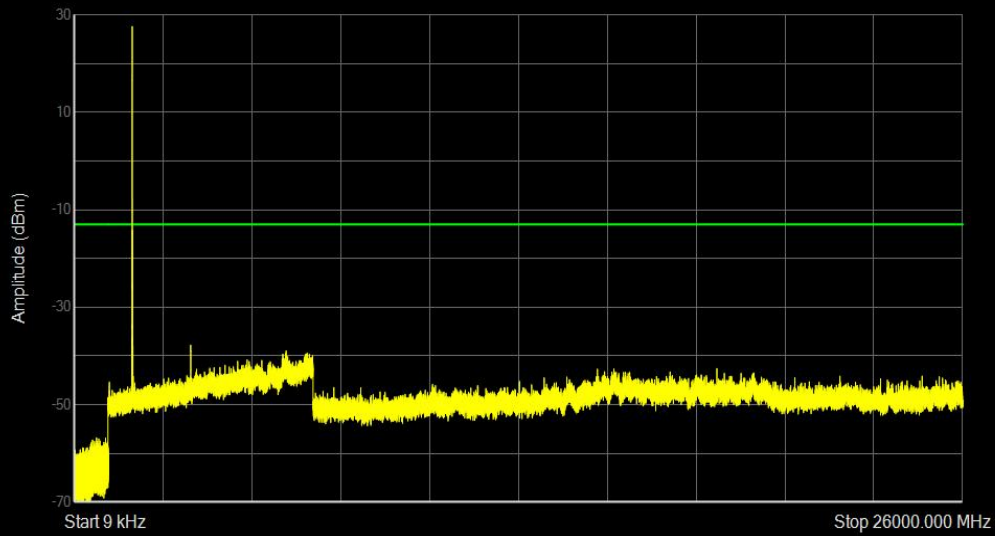
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1003868	-62.04	-13
2	0.15	30	10	0.15	-61.96	-13
3	30	1000	100	959.874333333333	-57.19	-13
4	1000	26000	1000	3463.33333333333	-35.33	-13

Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



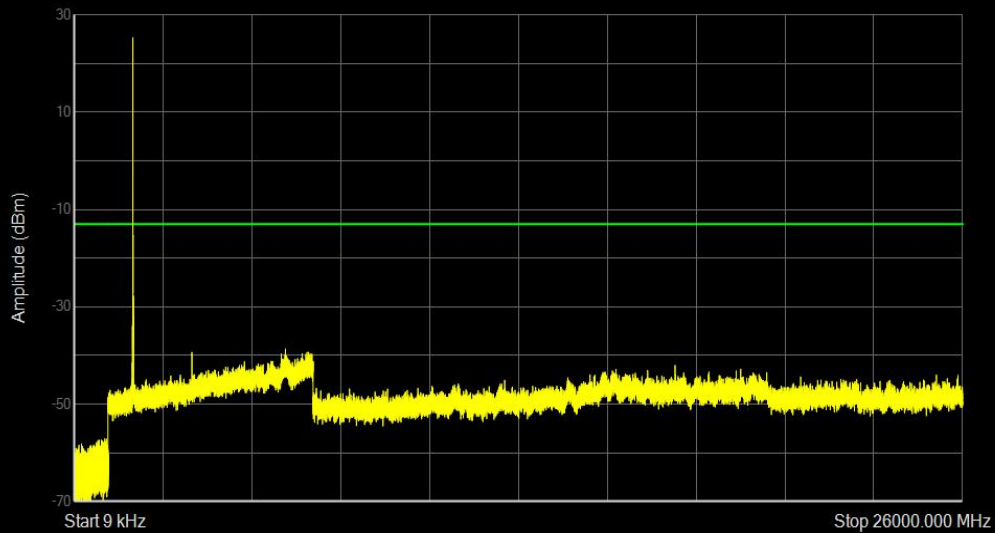
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0922793	-62.56	-13
2	0.15	30	10	0.154975	-59.35	-13
3	30	1000	100	973.583666666667	-56.71	-13
4	1000	26000	1000	3507.5	-35	-13

Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



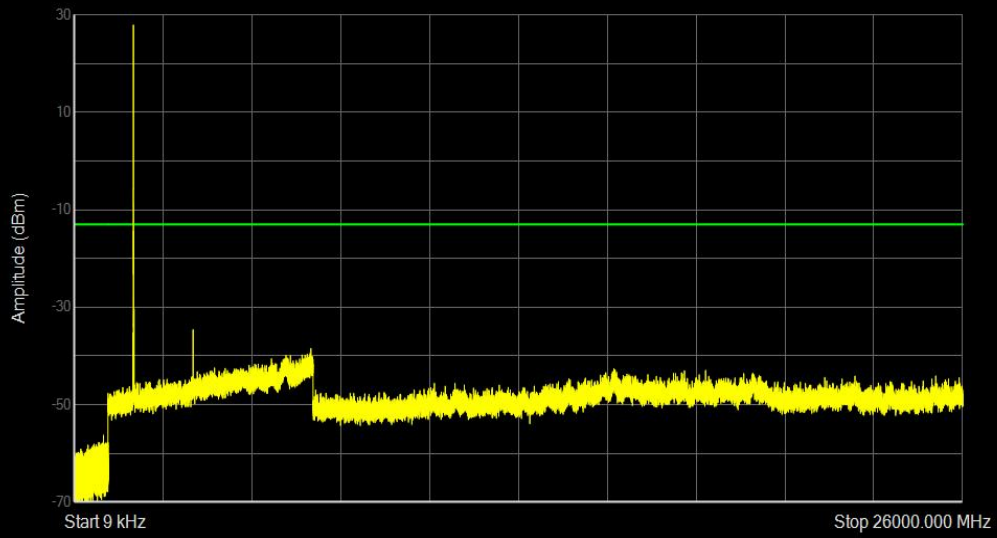
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0878566	-61.4	-13
2	0.15	30	10	0.160945	-59	-13
3	30	1000	100	665.35	-56.81	-13
4	1000	26000	1000	3420	-37.79	-13

Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



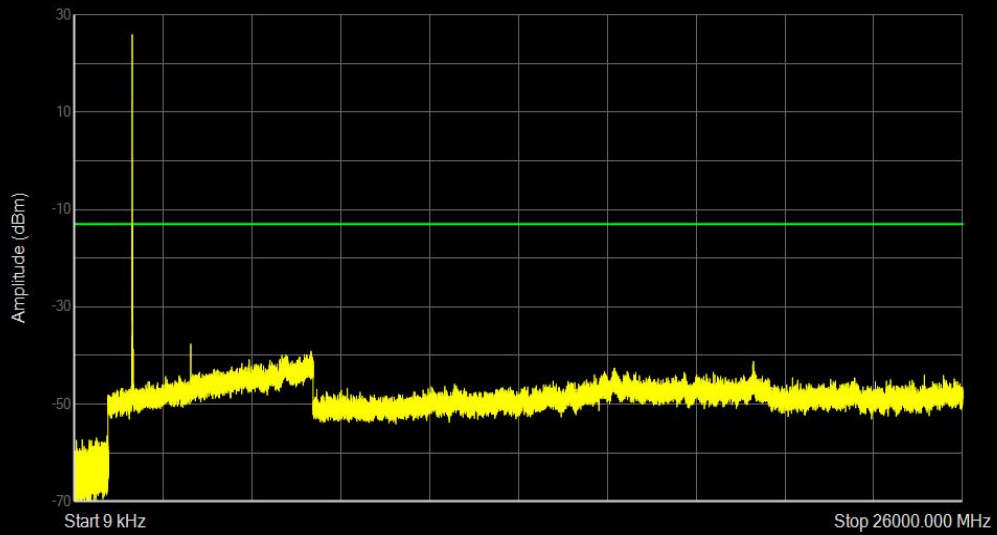
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0718343	-62.14	-13
2	0.15	30	10	0.162935	-63.47	-13
3	30	1000	100	906.653666666667	-57.12	-13
4	1000	26000	1000	6192.5	-38.66	-13

Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



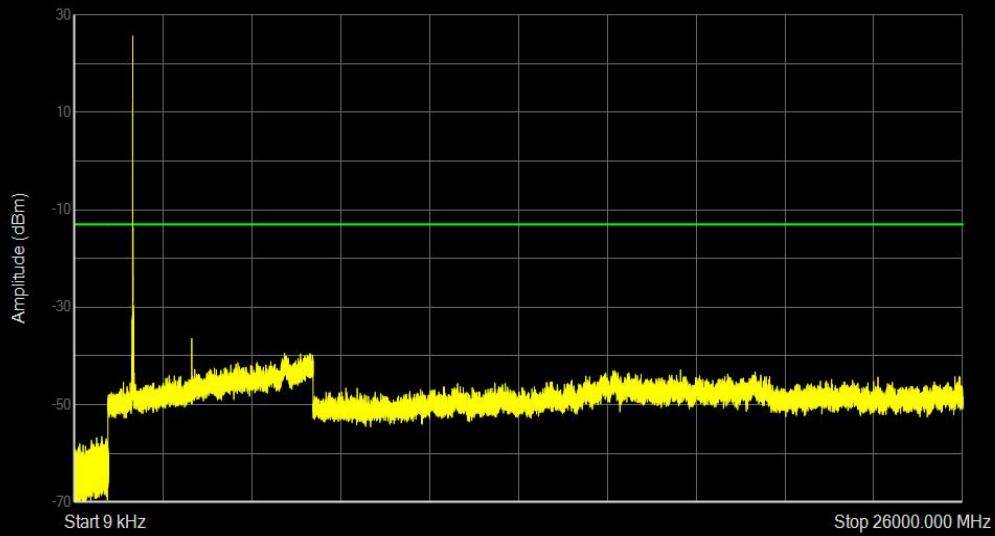
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.091532	-62.45	-13
2	0.15	30	10	0.15398	-58.66	-13
3	30	1000	100	869.632	-56.29	-13
4	1000	26000	1000	3490.8333333333	-34.6	-13

Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



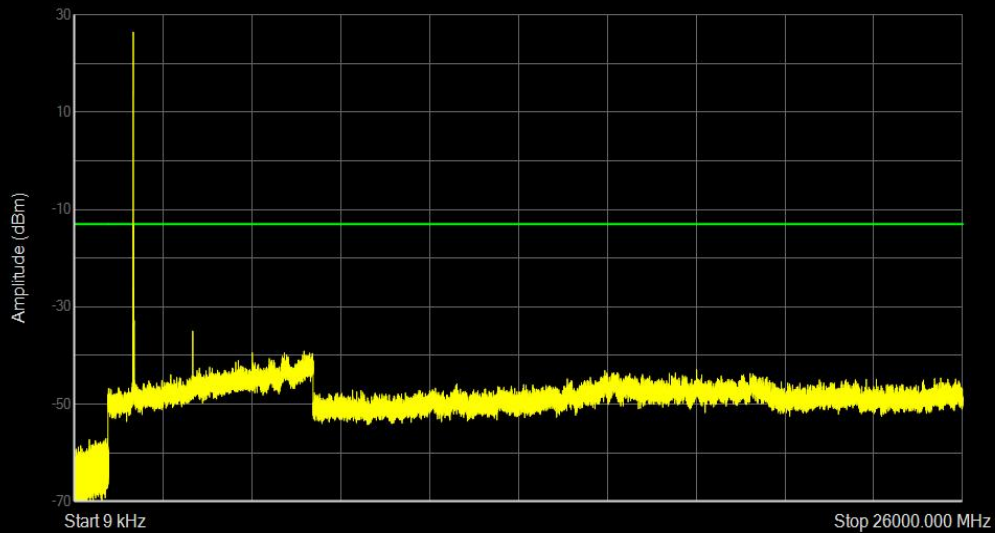
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0597553	-63.29	-13
2	0.15	30	10	0.15	-59.71	-13
3	30	1000	100	977.69	-56.48	-13
4	1000	26000	1000	3421.6666666667	-37.63	-13

Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



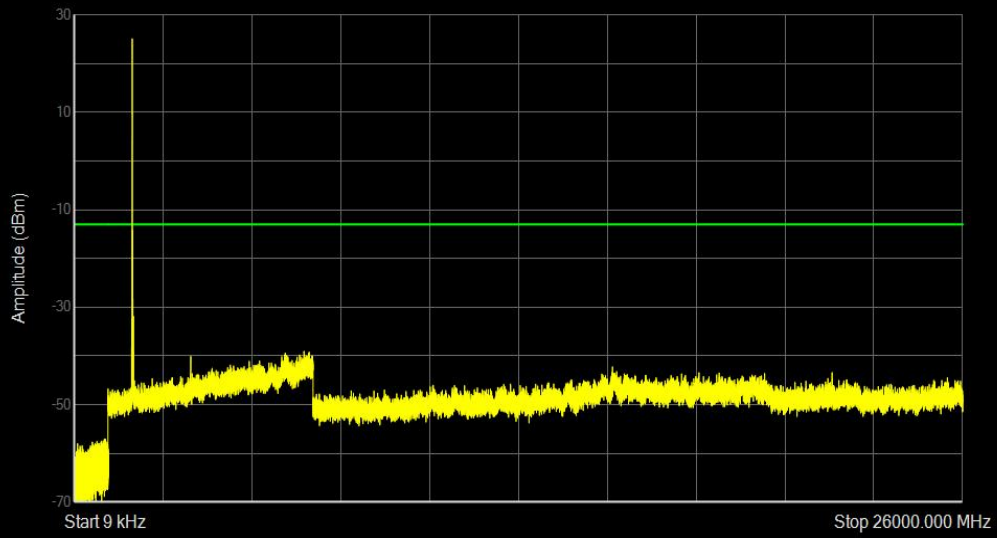
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1003257	-61.81	-13
2	0.15	30	10	0.15	-59.27	-13
3	30	1000	100	822.005	-56.56	-13
4	1000	26000	1000	3451.6666666667	-36.41	-13

Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



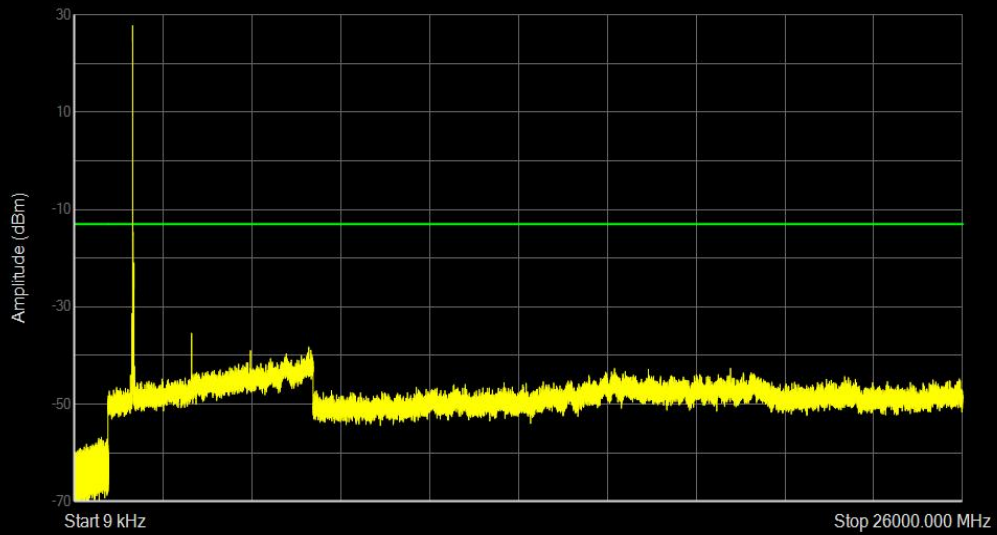
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0448469	-62.99	-13
2	0.15	30	10	0.15199	-56.87	-13
3	30	1000	100	984.31833333333	-57.09	-13
4	1000	26000	1000	3481.6666666667	-35	-13

Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



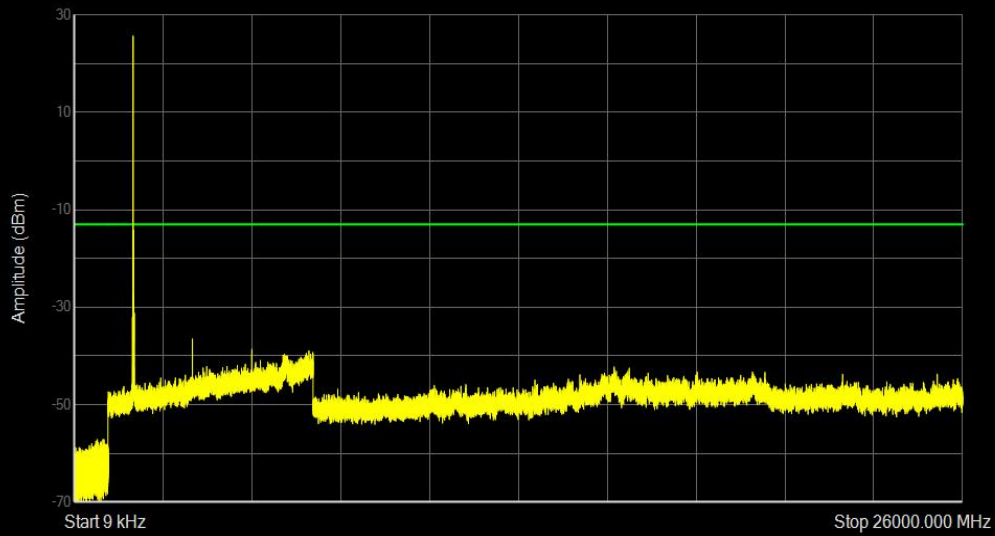
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0880352	-61.67	-13
2	0.15	30	10	0.15	-59.59	-13
3	30	1000	100	896.436333333333	-57.05	-13
4	1000	26000	1000	6735	-39.07	-13

Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



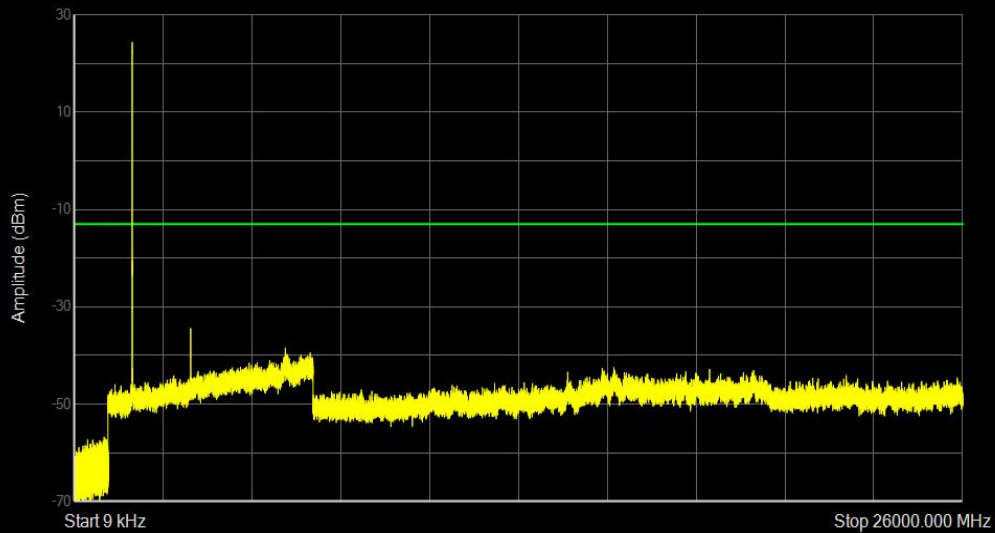
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.087819	-62.67	-13
2	0.15	30	10	0.16592	-59.61	-13
3	30	1000	100	809.944666666667	-56.81	-13
4	1000	26000	1000	3446.66666666667	-35.43	-13

Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



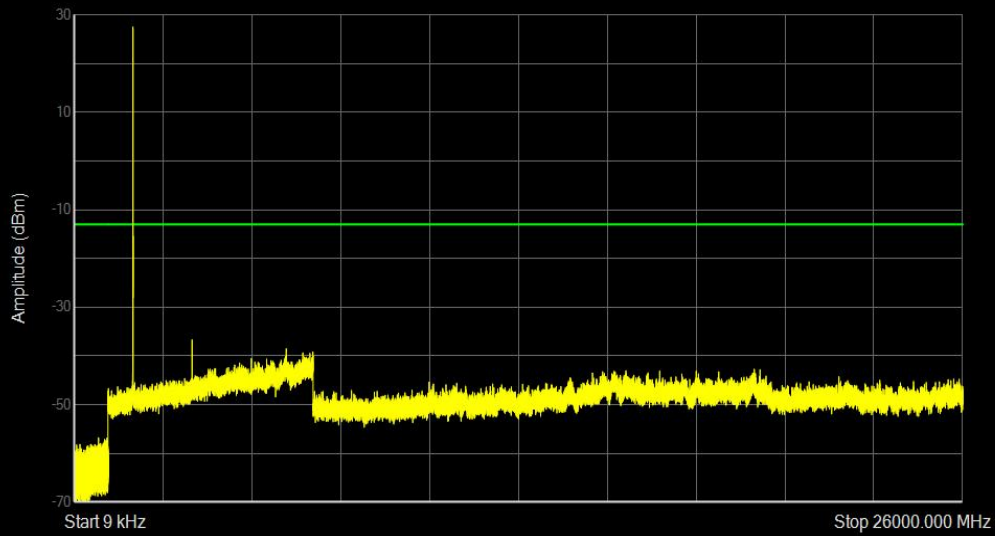
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0876639	-62.51	-13
2	0.15	30	10	0.15199	-58.25	-13
3	30	1000	100	853.821	-57.15	-13
4	1000	26000	1000	3471.6666666667	-36.52	-13

Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



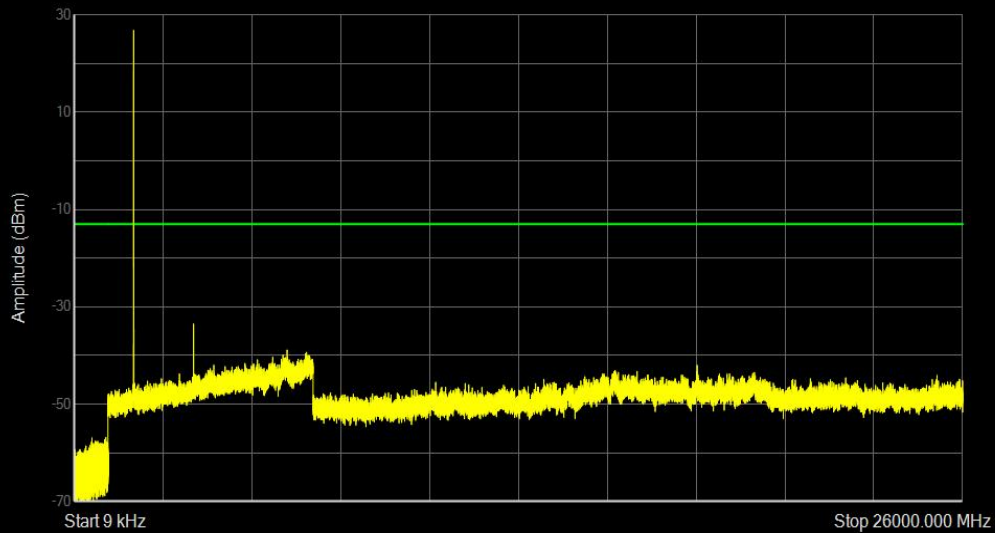
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0898776	-63.4	-13
2	0.15	30	10	0.162935	-60.02	-13
3	30	1000	100	888.547	-56.77	-13
4	1000	26000	1000	3419.1666666667	-34.45	-13

Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



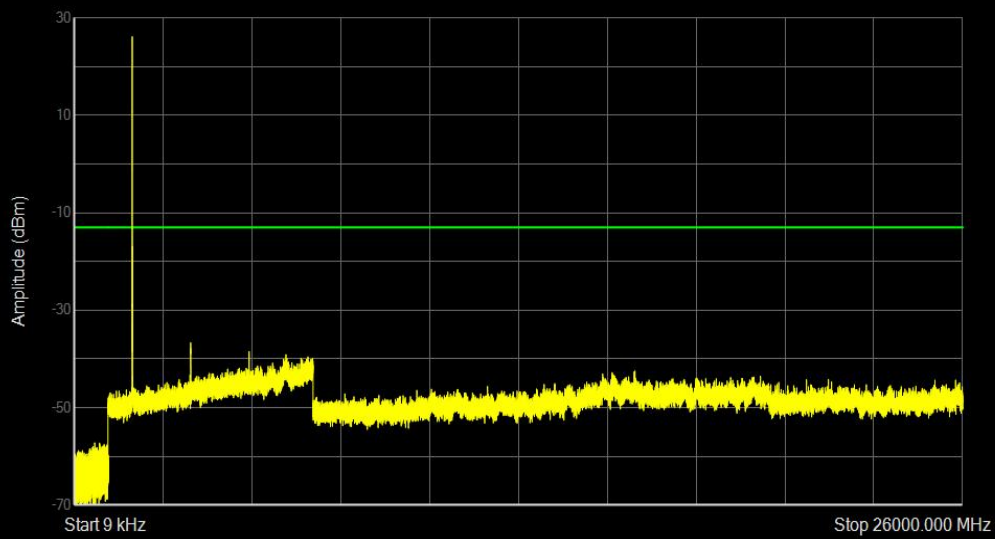
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0719142	-61.19	-13
2	0.15	30	10	0.15	-57.48	-13
3	30	1000	100	725.845666666667	-56.81	-13
4	1000	26000	1000	3462.5	-36.69	-13

Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



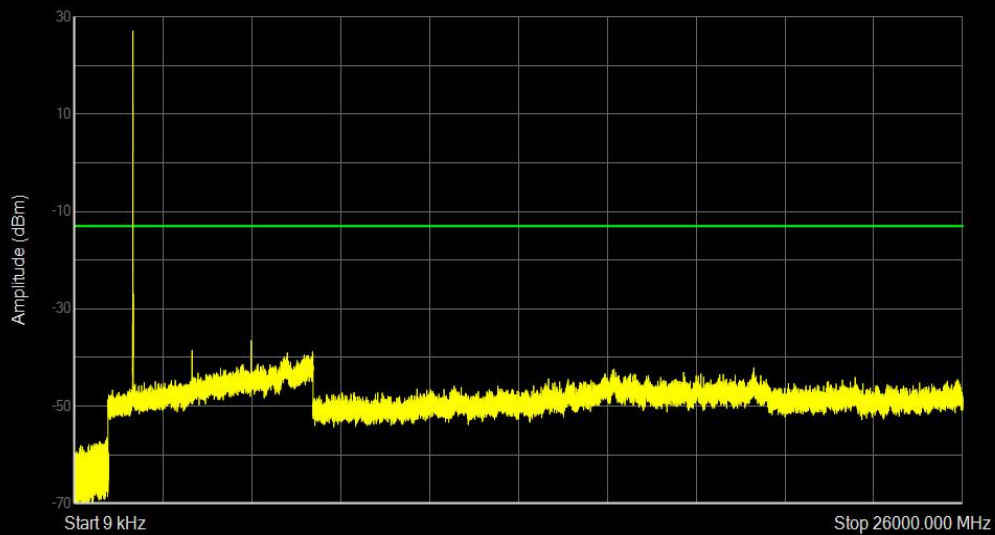
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0869354	-63.38	-13
2	0.15	30	10	0.150995	-61.81	-13
3	30	1000	100	940.248	-56.82	-13
4	1000	26000	1000	3504.16666666667	-33.52	-13

Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



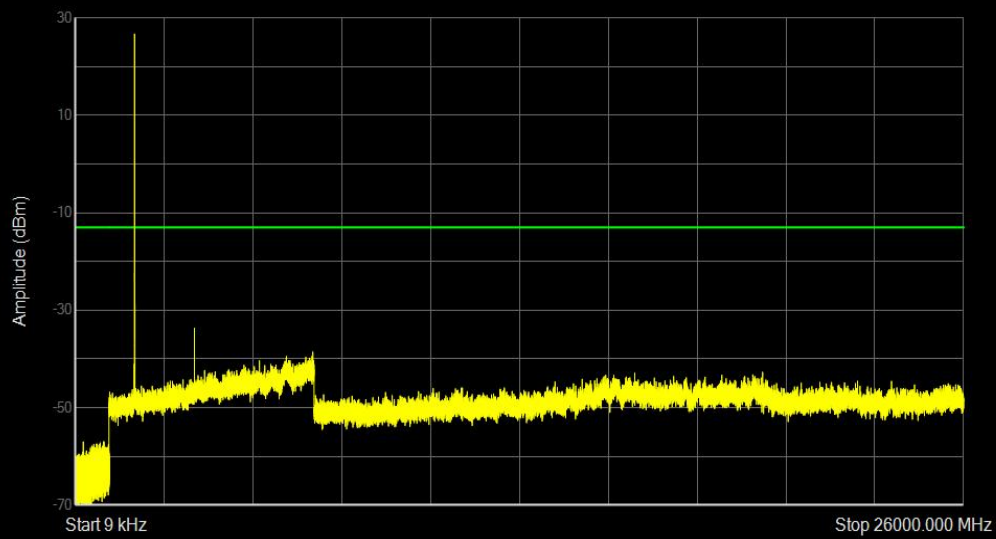
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0907095	-62.75	-13
2	0.15	30	10	0.15	-56.86	-13
3	30	1000	100	614.295666666667	-57.24	-13
4	1000	26000	1000	3420.83333333333	-36.69	-13

Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0779114	-63.54	-13
2	0.15	30	10	0.16592	-59.5	-13
3	30	1000	100	967.634333333333	-56.5	-13
4	1000	26000	1000	5190.83333333333	-36.55	-13

Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.102248	-62.24	-13
2	0.15	30	10	0.15	-56.47	-13
3	30	1000	100	848.777	-56.96	-13
4	1000	26000	1000	3500.8333333333	-33.7	-13

LTE Band 5

01 Conducted output power

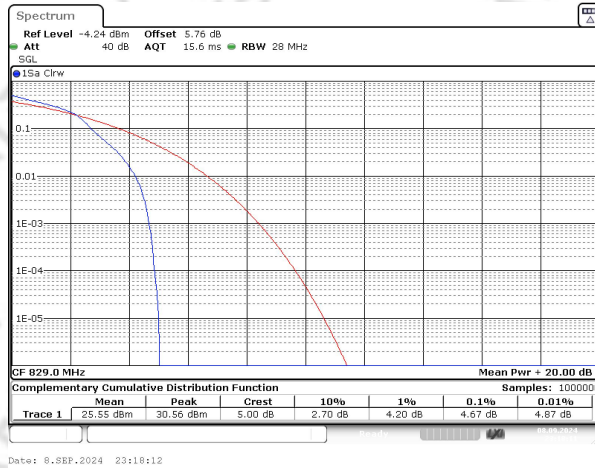
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	Verdict
Band5	1.4	20407	1	#0	QAM16	20.18	0.21	18.24	38	20.39	PASS
Band5	1.4	20525	1	#0	QAM16	20.60	0.21	18.66	38	20.81	PASS
Band5	1.4	20643	1	#0	QAM16	19.77	0.21	17.83	38	19.98	PASS
Band5	3	20415	1	#0	QAM16	20.88	0.21	18.94	38	21.09	PASS
Band5	3	20525	1	#0	QAM16	20.06	0.21	18.12	38	20.27	PASS
Band5	3	20635	1	#0	QAM16	19.90	0.21	17.96	38	20.11	PASS
Band5	5	20425	1	#0	QAM16	20.74	0.21	18.8	38	20.95	PASS
Band5	5	20525	1	#0	QAM16	20.06	0.21	18.12	38	20.27	PASS
Band5	5	20625	1	#0	QAM16	20.01	0.21	18.07	38	20.22	PASS
Band5	10	20450	1	#0	QAM16	20.55	0.21	18.61	38	20.76	PASS
Band5	10	20525	1	#0	QAM16	21.57	0.21	19.63	38	21.78	PASS
Band5	10	20600	1	#0	QAM16	21.70	0.21	19.76	38	21.91	PASS
Band5	1.4	20407	1	#0	QPSK	21.31	0.21	19.37	38	21.52	PASS
Band5	1.4	20525	1	#0	QPSK	21.60	0.21	19.66	38	21.81	PASS
Band5	1.4	20643	1	#0	QPSK	21.14	0.21	19.2	38	21.35	PASS
Band5	10	20450	1	#0	QPSK	21.34	0.21	19.4	38	21.55	PASS
Band5	10	20525	1	#0	QPSK	21.56	0.21	19.62	38	21.77	PASS
Band5	10	20600	1	#0	QPSK	21.50	0.21	19.56	38	21.71	PASS
Band5	3	20415	1	#0	QPSK	21.50	0.21	19.56	38	21.71	PASS
Band5	3	20525	1	#0	QPSK	21.36	0.21	19.42	38	21.57	PASS
Band5	3	20635	1	#0	QPSK	21.14	0.21	19.2	38	21.35	PASS
Band5	5	20425	1	#0	QPSK	21.20	0.21	19.26	38	21.41	PASS
Band5	5	20525	1	#0	QPSK	21.20	0.21	19.26	38	21.41	PASS
Band5	5	20625	1	#0	QPSK	21.31	0.21	19.37	38	21.52	PASS

02 Frequency stability

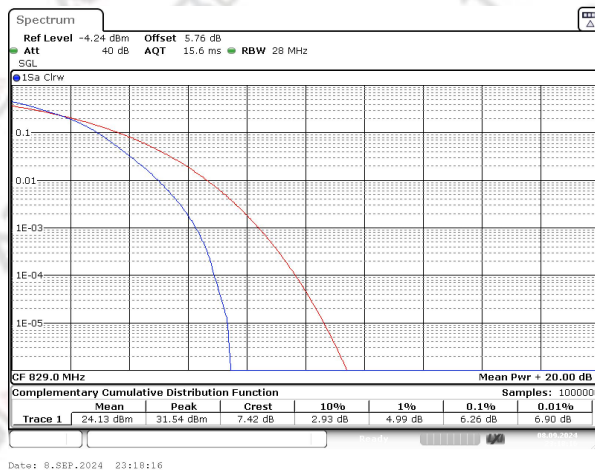
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Limit (MHz)	Verdict
Band5	1.4	20407	6	#0	QAM16	-0.97	-0.001	±2.5	PASS
Band5	1.4	20525	6	#0	QAM16	-0.42	-0.001	±2.5	PASS
Band5	1.4	20643	6	#0	QAM16	-1.31	-0.002	±2.5	PASS
Band5	3	20415	15	#0	QAM16	-0.50	-0.001	±2.5	PASS
Band5	3	20525	15	#0	QAM16	0.36	0.000	±2.5	PASS
Band5	3	20635	15	#0	QAM16	-1.54	-0.002	±2.5	PASS
Band5	5	20425	25	#0	QAM16	-1.78	-0.002	±2.5	PASS
Band5	5	20525	25	#0	QAM16	-0.54	-0.001	±2.5	PASS
Band5	5	20625	25	#0	QAM16	0.46	0.001	±2.5	PASS
Band5	10	20450	50	#0	QAM16	0.37	0.000	±2.5	PASS
Band5	10	20525	50	#0	QAM16	-0.84	-0.001	±2.5	PASS
Band5	10	20600	50	#0	QAM16	0.36	0.000	±2.5	PASS
Band5	1.4	20407	6	#0	QPSK	-1.08	-0.001	±2.5	PASS
Band5	1.4	20525	6	#0	QPSK	-1.00	-0.001	±2.5	PASS
Band5	1.4	20643	6	#0	QPSK	0.21	0.000	±2.5	PASS
Band5	3	20415	15	#0	QPSK	-1.48	-0.002	±2.5	PASS
Band5	3	20525	15	#0	QPSK	-0.09	0.000	±2.5	PASS
Band5	3	20635	15	#0	QPSK	-1.60	-0.002	±2.5	PASS
Band5	5	20425	25	#0	QPSK	-2.15	-0.003	±2.5	PASS
Band5	5	20525	25	#0	QPSK	1.29	0.002	±2.5	PASS
Band5	5	20625	25	#0	QPSK	-0.02	0.000	±2.5	PASS
Band5	10	20450	50	#0	QPSK	-0.86	-0.001	±2.5	PASS
Band5	10	20525	50	#0	QPSK	-0.54	-0.001	±2.5	PASS
Band5	10	20600	50	#0	QPSK	0.38	0.000	±2.5	PASS

03 Peak-to-Average Ratio

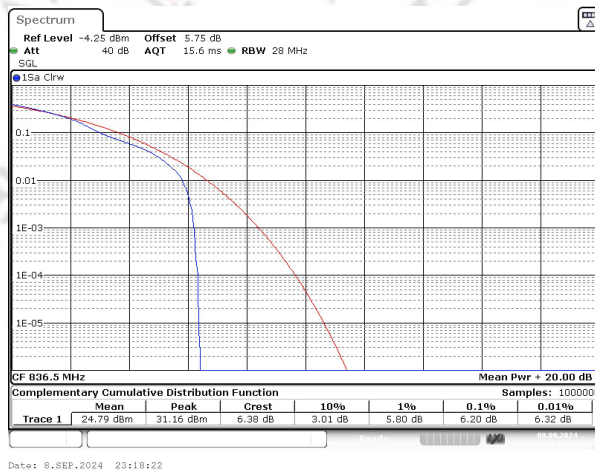
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band5	10	20450	1	#0	QAM16	4.67	13	PASS
Band5	10	20450	50	#0	QAM16	6.26	13	PASS
Band5	10	20525	1	#0	QAM16	6.20	13	PASS
Band5	10	20525	50	#0	QAM16	5.33	13	PASS
Band5	10	20600	1	#0	QAM16	2.84	13	PASS
Band5	10	20600	50	#0	QAM16	4.75	13	PASS
Band5	10	20450	1	#0	QPSK	4.52	13	PASS
Band5	10	20450	50	#0	QPSK	4.64	13	PASS
Band5	10	20525	1	#0	QPSK	4.70	13	PASS
Band5	10	20525	50	#0	QPSK	5.04	13	PASS
Band5	10	20600	1	#0	QPSK	4.46	13	PASS
Band5	10	20600	50	#0	QPSK	4.61	13	PASS



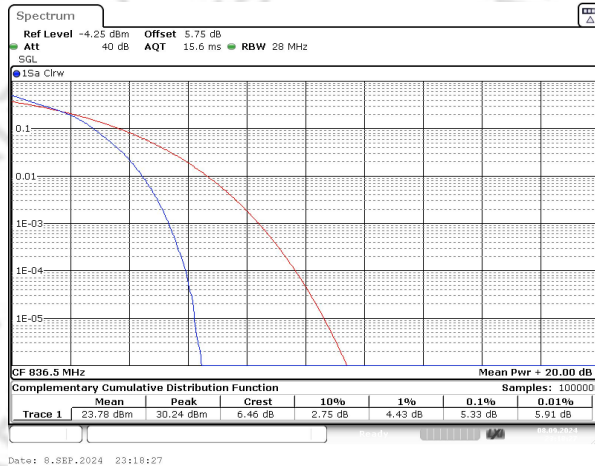
Band5 QAM16 BW=10MHz Channel=20450 RB Size=1 Position=#0 NVNT



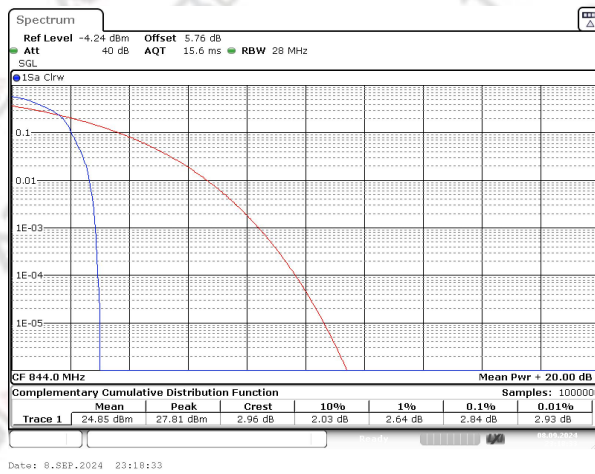
Band5 QAM16 BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT



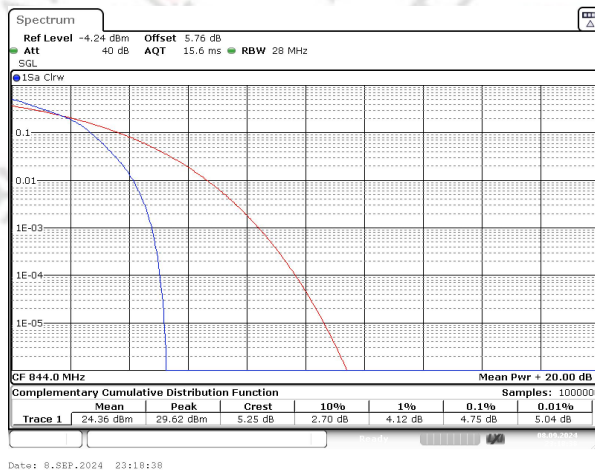
Band5 QAM16 BW=10MHz Channel=20525 RB Size=1 Position=#0 NVNT



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



Band5 QAM16 BW=10MHz Channel=20600 RB Size=1 Position=#0 NVNT



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