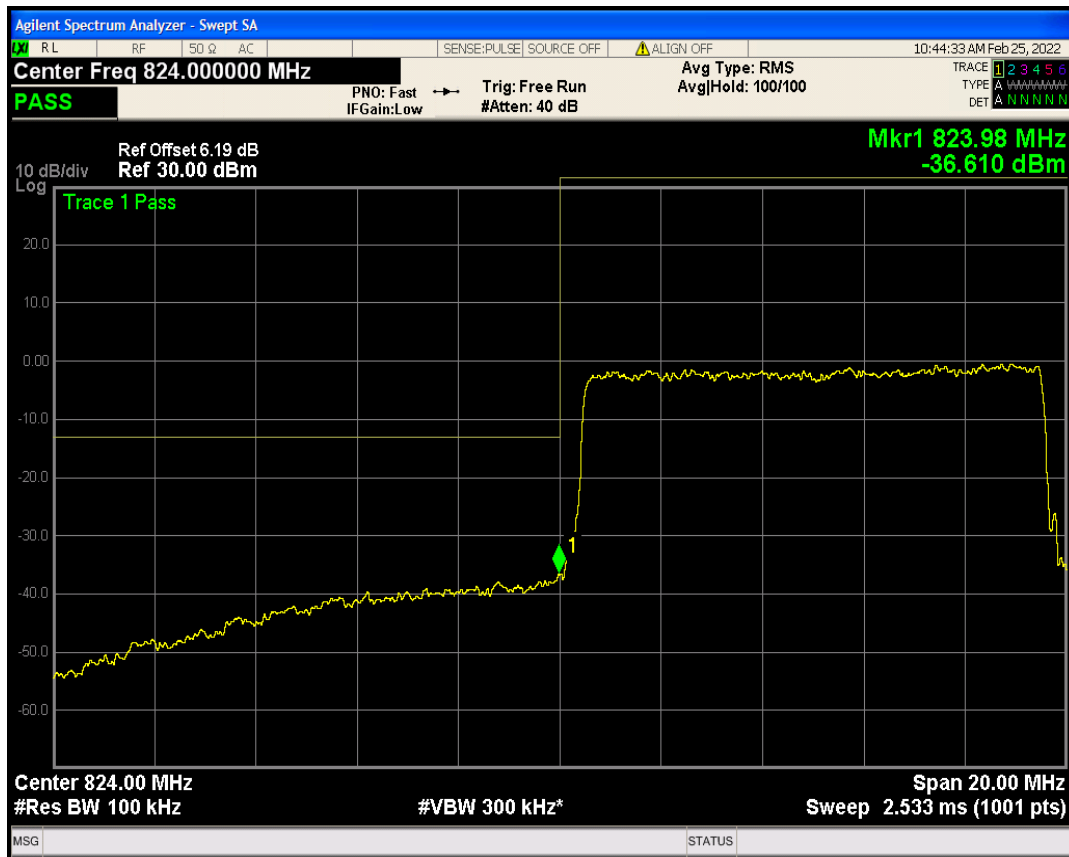
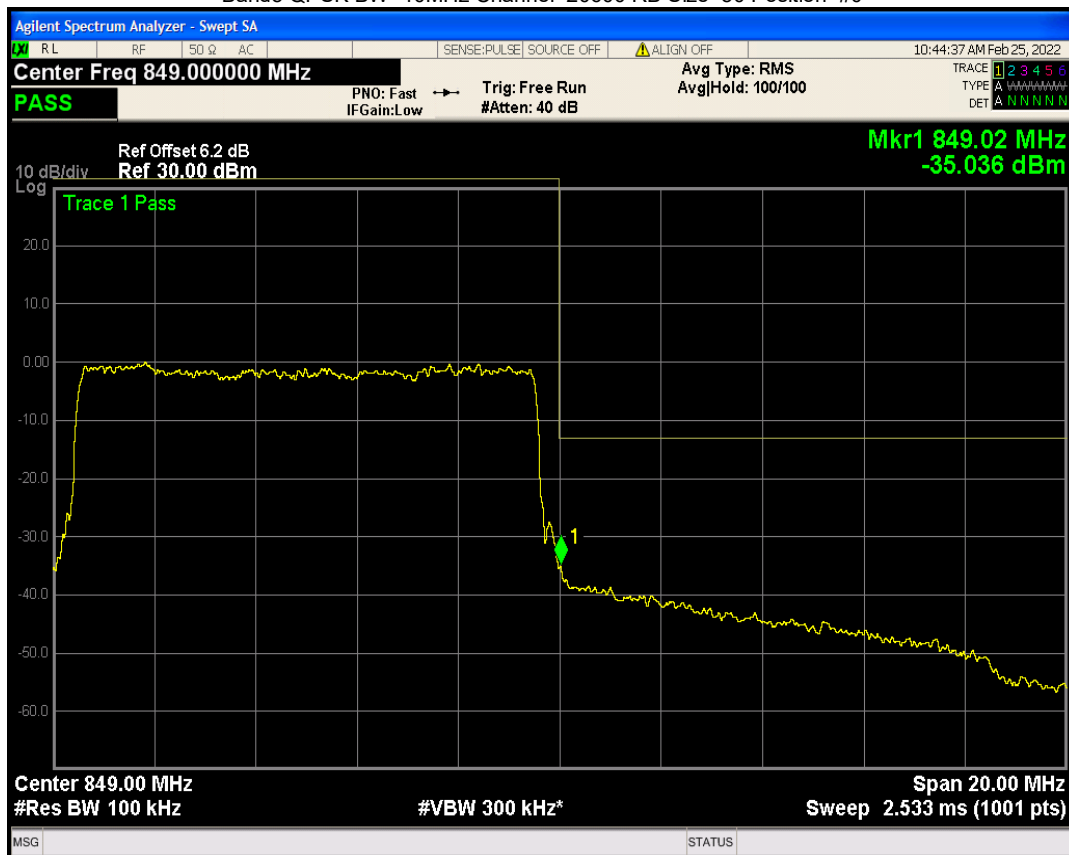
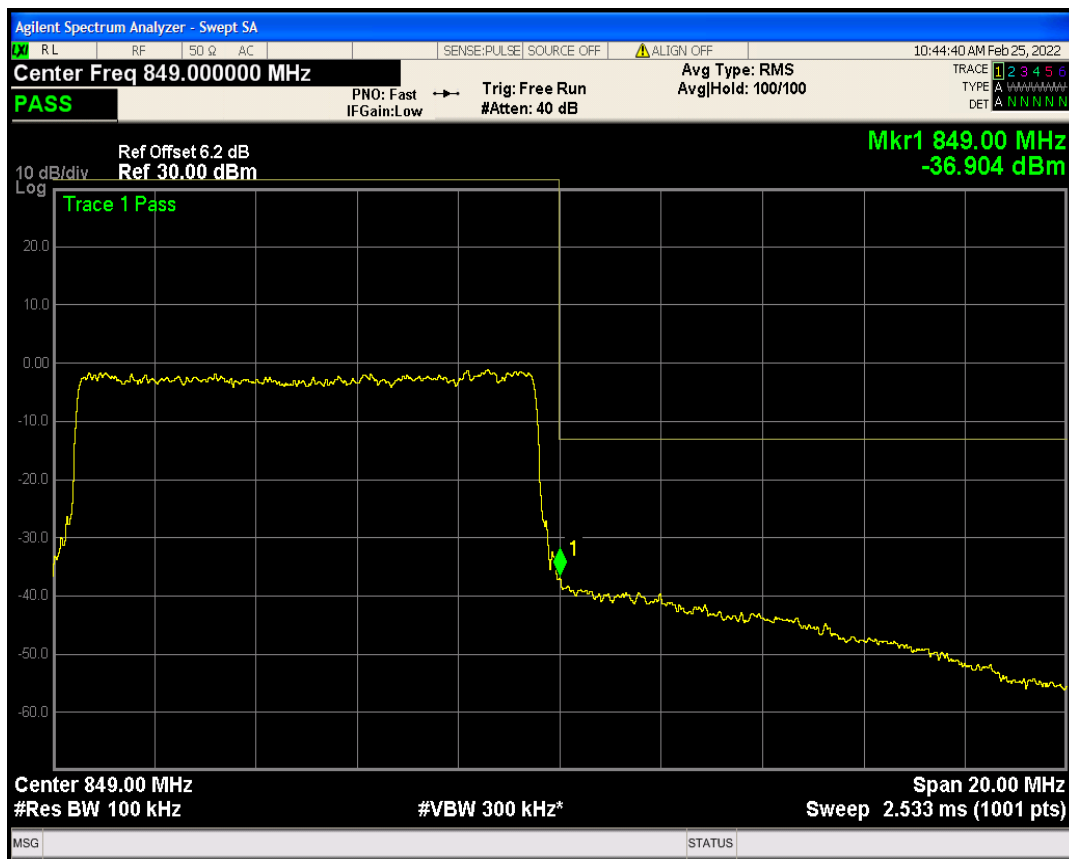




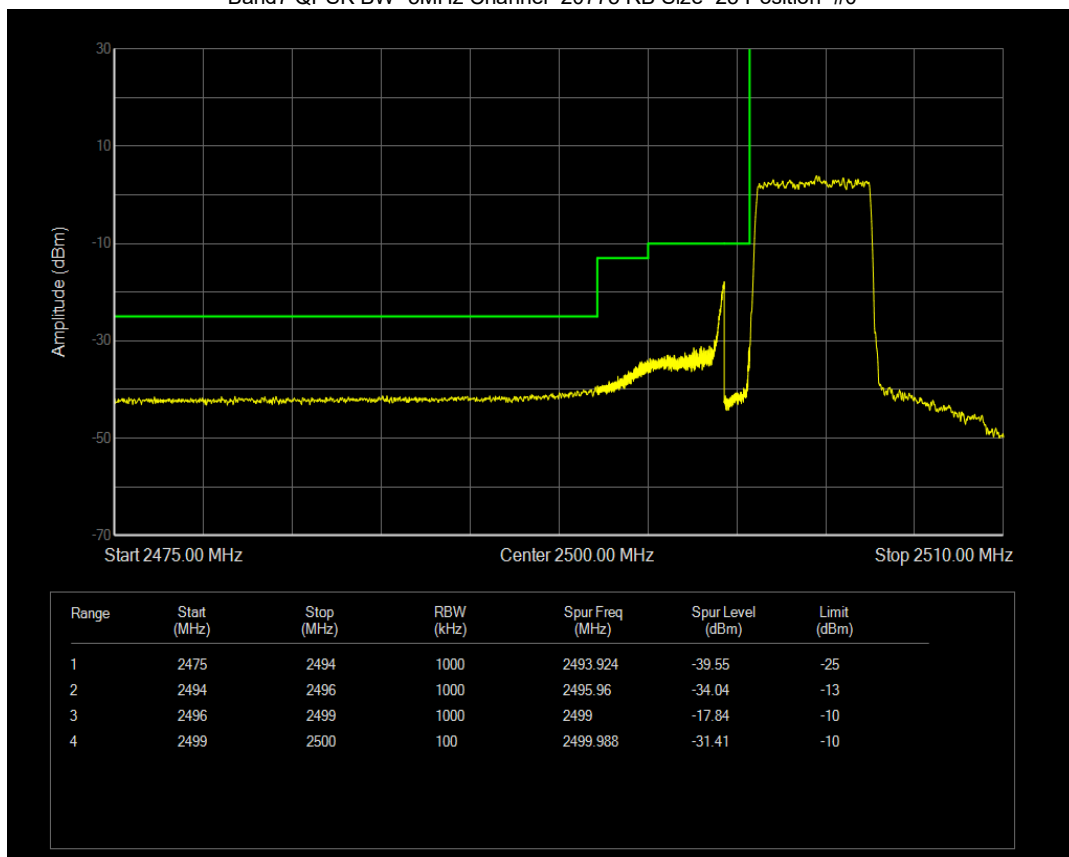
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



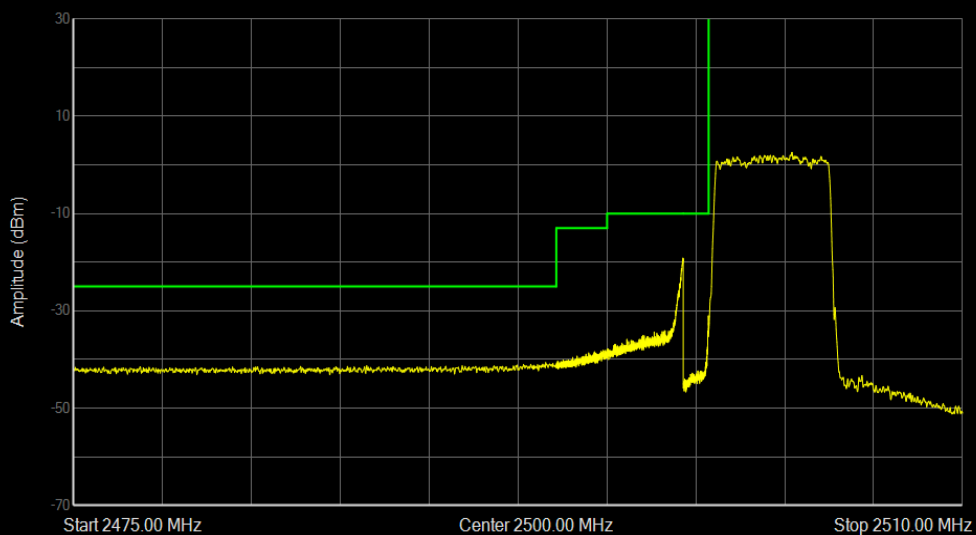
Band5 QAM16 BW=10MHz Channel=20600 RB Size=50 Position=#0



Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2493.582	-40.62	-25
2	2494	2496	1000	2495.938	-38.14	-13
3	2496	2499	1000	2498.988	-19.17	-10
4	2499	2500	100	2499.989	-31.02	-10

Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.001	-30.47	-10
2	2571	2575	1000	2571.004	-17.73	-10
3	2575	2576	1000	2575.031	-37.35	-13
4	2576	2595	1000	2576.285	-39.22	-25

Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0



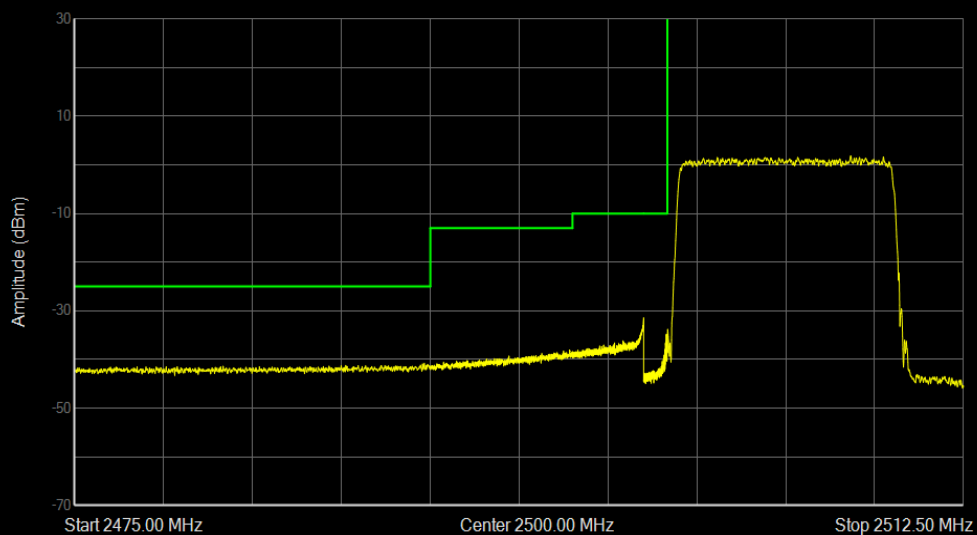
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.038	-33.28	-10
2	2571	2575	1000	2571.008	-19.2	-10
3	2575	2576	1000	2575.068	-38.45	-13
4	2576	2595	1000	2576.228	-39.92	-25

Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2489.835	-40.16	-25
2	2490	2496	1000	2495.856	-37.25	-13
3	2496	2499	1000	2499	-30.86	-10
4	2499	2500	200	2499.975	-32.72	-10

Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490	1000	2489.745	-40.8	-25
2	2490	2496	1000	2495.874	-38.04	-13
3	2496	2499	1000	2499	-31.45	-10
4	2499	2500	200	2499.997	-34.85	-10

Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.004	-31.67	-10
2	2571	2575	1000	2571.004	-29.24	-10
3	2575	2580	1000	2577.045	-36.05	-13
4	2580	2595	1000	2580.105	-39.94	-25

Band7 QAM16 BW=10MHz Channel=21400 RB Size=50 Position=#0



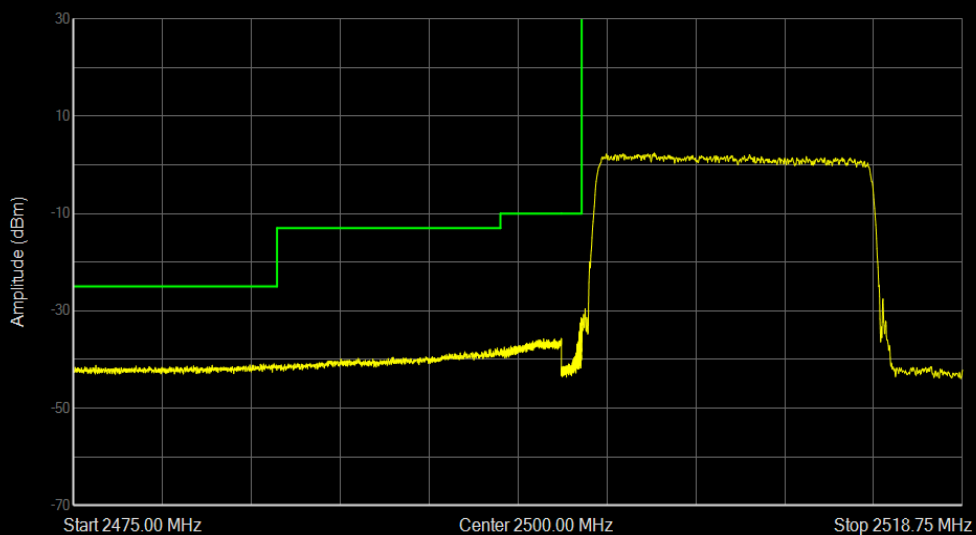
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.009	-32.84	-10
2	2571	2575	1000	2571.016	-30.16	-10
3	2575	2580	1000	2575.05	-36.42	-13
4	2580	2595	1000	2581.125	-40.25	-25

Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.62	-40.39	-25
2	2485	2496	1000	2494.735	-37.27	-13
3	2496	2499	1000	2498.601	-34.76	-10
4	2499	2500	300	2499.901	-30.78	-10

Band7 QAM16 BW=15MHz Channel=20825 RB Size=75 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.85	-40.88	-25
2	2485	2496	1000	2495.846	-37.65	-13
3	2496	2499	1000	2499	-35.67	-10
4	2499	2500	300	2499.974	-31.41	-10

Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.113	-31.11	-10
2	2571	2575	1000	2571.008	-33.58	-10
3	2575	2585	1000	2575.13	-36.21	-13
4	2585	2595	1000	2585.41	-39.51	-25

Band7 QAM16 BW=15MHz Channel=21375 RB Size=75 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.006	-30.93	-10
2	2571	2575	1000	2571.06	-33.73	-10
3	2575	2585	1000	2575.09	-36.94	-13
4	2585	2595	1000	2586.84	-40.2	-25

Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2479.835	-41.28	-25
2	2480	2496	1000	2495.456	-38.18	-13
3	2496	2499	1000	2498.892	-35.74	-10
4	2499	2500	430	2499.939	-33.64	-10

Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



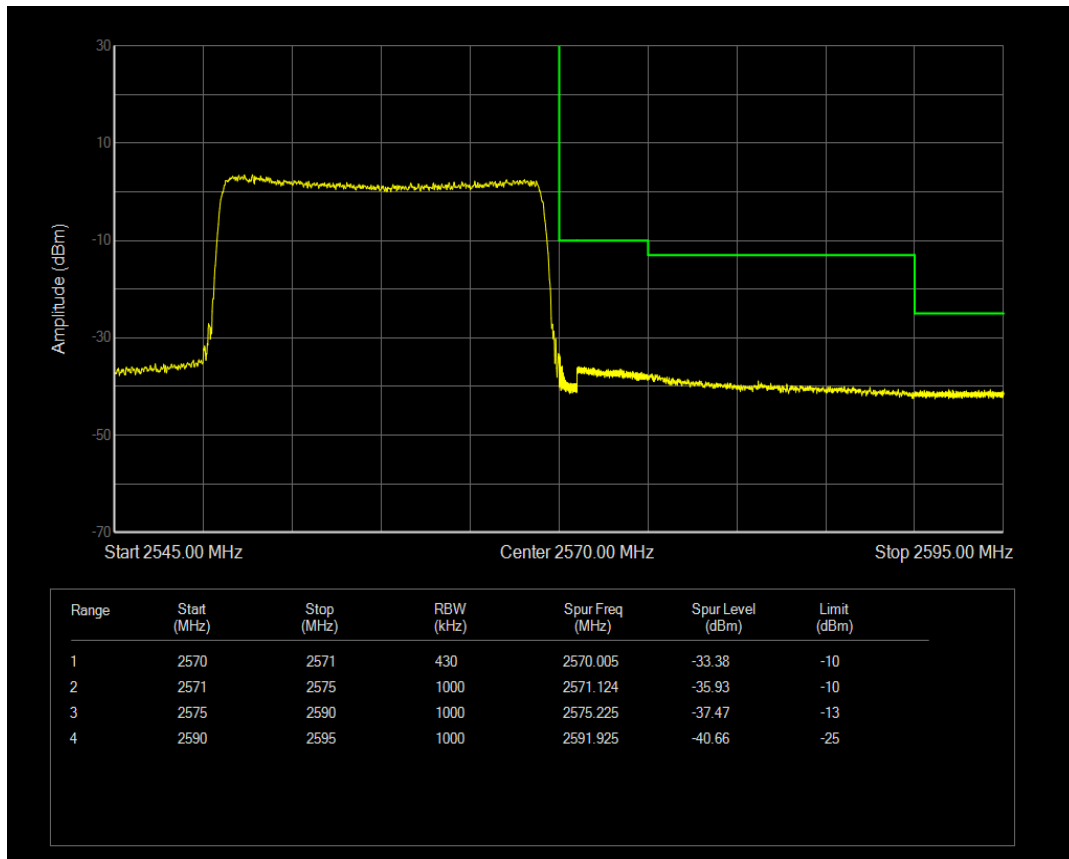
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2480	1000	2475.925	-41.2	-25
2	2480	2496	1000	2496	-37.24	-13
3	2496	2499	1000	2498.952	-35.8	-10
4	2499	2500	430	2499.977	-34.24	-10

Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.005	-32.52	-10
2	2571	2575	1000	2571.428	-32.98	-10
3	2575	2590	1000	2575.99	-37.8	-13
4	2590	2595	1000	2593.19	-40.77	-25

Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0

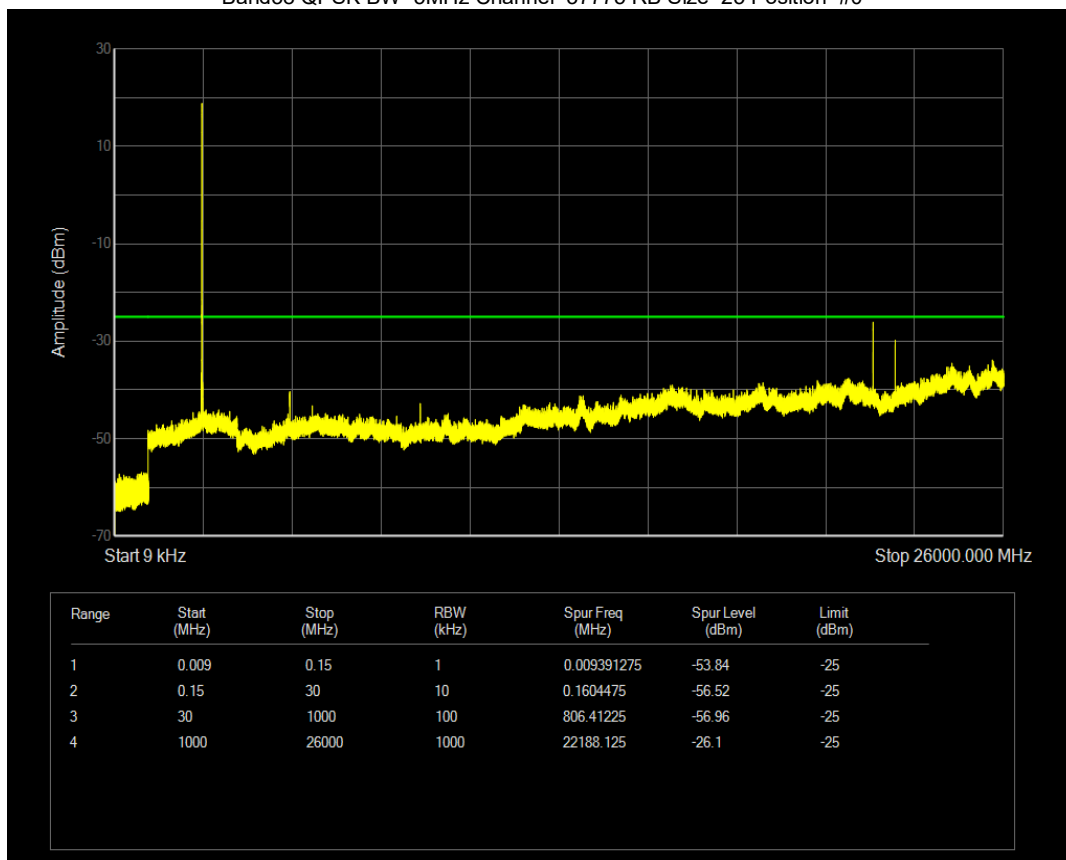


Appendix E: Conducted Spurious Emission

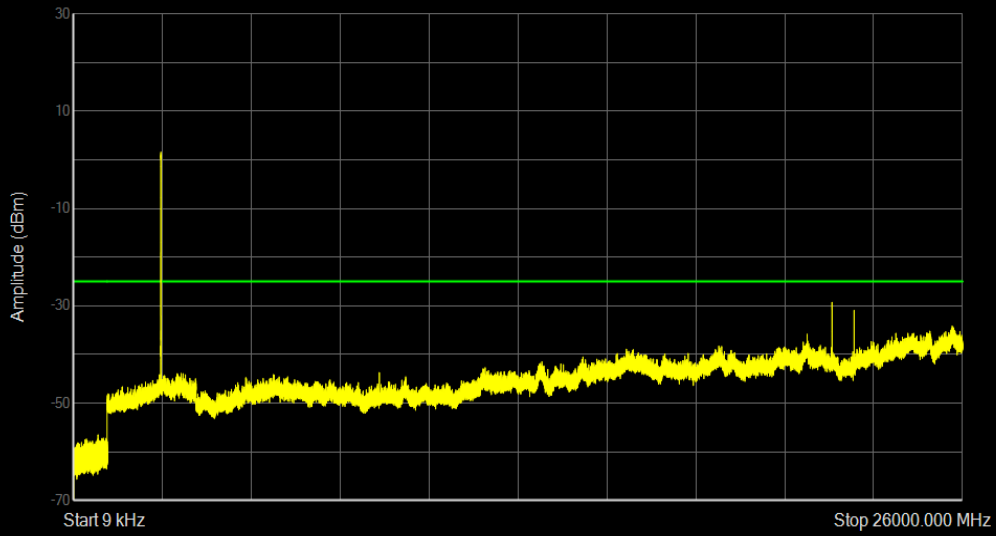
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band38	5	37775	25	#0	QPSK	22188.13	-26.10	-25	PASS
Band38	5	37775	25	#0	QAM16	22186.25	-29.28	-25	PASS
Band38	5	38225	25	#0	QPSK	22184.38	-29.72	-25	PASS
Band38	5	38225	25	#0	QAM16	22182.50	-31.89	-25	PASS
Band38	10	37800	50	#0	QPSK	22181.25	-32.29	-25	PASS
Band38	10	38200	50	#0	QPSK	22178.13	-30.42	-25	PASS
Band38	15	37825	75	#0	QPSK	22176.25	-29.86	-25	PASS
Band38	15	38175	75	#0	QPSK	22176.25	-29.95	-25	PASS
Band38	20	37850	100	#0	QPSK	22820.00	-30.97	-25	PASS
Band38	20	38150	100	#0	QPSK	22173.13	-30.28	-25	PASS
Band40a	5	38725	25	#0	QPSK	22771.88	-27.90	-40	FAIL
Band40a	5	38725	25	#0	QAM16	22740.00	-28.77	-40	FAIL
Band40a	5	38775	25	#0	QPSK	22723.13	-31.57	-40	FAIL
Band40a	5	38775	25	#0	QAM16	22712.50	-32.21	-40	FAIL
Band40a	10	38750	50	#0	QPSK	22706.25	-32.29	-40	FAIL
Band40b	5	39175	25	#0	QPSK	22700.00	-34.27	-40	FAIL
Band40b	5	39175	25	#0	QAM16	22695.00	-33.11	-40	FAIL
Band40b	5	39225	25	#0	QPSK	22693.75	-31.39	-40	FAIL
Band40b	5	39225	25	#0	QAM16	25769.38	-34.08	-40	FAIL
Band40b	10	39200	50	#0	QPSK	25790.00	-34.34	-40	FAIL
Band41(2555-2655)	5	40265	25	#0	QPSK	2465.00	-30.71	-25	PASS
Band41(2555-2655)	5	40265	25	#0	QAM16	2534.38	-32.38	-25	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	24459.38	-34.31	-25	PASS
Band41(2555-2655)	5	41215	25	#0	QAM16	24951.25	-34.61	-25	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	25706.25	-33.84	-25	PASS
Band41(2555-2655)	10	40290	50	#0	QAM16	2437.50	-31.28	-25	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	25700.00	-34.79	-25	PASS
Band41(2555-2655)	10	41190	50	#0	QAM16	25734.38	-34.09	-25	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	25708.13	-34.60	-25	PASS
Band41(2555-2655)	15	40315	75	#0	QAM16	25761.88	-34.26	-25	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	2453.13	-30.92	-25	PASS
Band41(2555-2655)	15	41165	75	#0	QAM16	25687.50	-34.56	-25	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	25701.88	-34.96	-25	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	24636.25	-34.74	-25	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	2459.38	-30.31	-25	PASS

Band41(2555-2655)	20	41140	100	#0	QAM16	25698.13	-33.81	-25	PASS
Band5	1.4	20407	6	#0	QPSK	25751.88	-35.98	-13	PASS
Band5	1.4	20407	6	#0	QAM16	25763.13	-36.26	-13	PASS
Band5	1.4	20643	6	#0	QPSK	24478.13	-35.81	-13	PASS
Band5	1.4	20643	6	#0	QAM16	25713.75	-35.03	-13	PASS
Band5	3	20415	15	#0	QPSK	25658.13	-35.34	-13	PASS
Band5	3	20415	15	#0	QAM16	25701.88	-34.71	-13	PASS
Band5	3	20635	15	#0	QPSK	25752.50	-35.88	-13	PASS
Band5	3	20635	15	#0	QAM16	25748.13	-35.39	-13	PASS
Band5	5	20425	25	#0	QPSK	25683.13	-35.41	-13	PASS
Band5	5	20425	25	#0	QAM16	25693.75	-36.08	-13	PASS
Band5	5	20625	25	#0	QPSK	24588.13	-36.08	-13	PASS
Band5	5	20625	25	#0	QAM16	25800.00	-36.05	-13	PASS
Band5	10	20450	50	#0	QPSK	25762.50	-36.18	-13	PASS
Band5	10	20450	50	#0	QAM16	25722.50	-35.85	-13	PASS
Band5	10	20600	50	#0	QPSK	25767.50	-35.94	-13	PASS
Band5	10	20600	50	#0	QAM16	25686.25	-35.30	-13	PASS
Band7	5	20775	25	#0	QPSK	25723.13	-34.00	-25	PASS
Band7	5	20775	25	#0	QAM16	25735.63	-34.90	-25	PASS
Band7	5	21425	25	#0	QPSK	25753.13	-34.76	-25	PASS
Band7	5	21425	25	#0	QAM16	25726.25	-33.66	-25	PASS
Band7	10	20800	50	#0	QPSK	25718.75	-34.32	-25	PASS
Band7	10	20800	50	#0	QAM16	25719.38	-34.36	-25	PASS
Band7	10	21400	50	#0	QPSK	24579.38	-34.48	-25	PASS
Band7	10	21400	50	#0	QAM16	25716.88	-33.77	-25	PASS
Band7	15	20825	75	#0	QPSK	25685.63	-35.10	-25	PASS
Band7	15	20825	75	#0	QAM16	25698.13	-34.72	-25	PASS
Band7	15	21375	75	#0	QPSK	25729.38	-33.93	-25	PASS
Band7	15	21375	75	#0	QAM16	25691.25	-33.41	-25	PASS
Band7	20	20850	100	#0	QPSK	25695.00	-34.94	-25	PASS
Band7	20	20850	100	#0	QAM16	25684.38	-34.67	-25	PASS
Band7	20	21350	100	#0	QPSK	25433.13	-34.59	-25	PASS
Band7	20	21350	100	#0	QAM16	25683.75	-33.61	-25	PASS

Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0

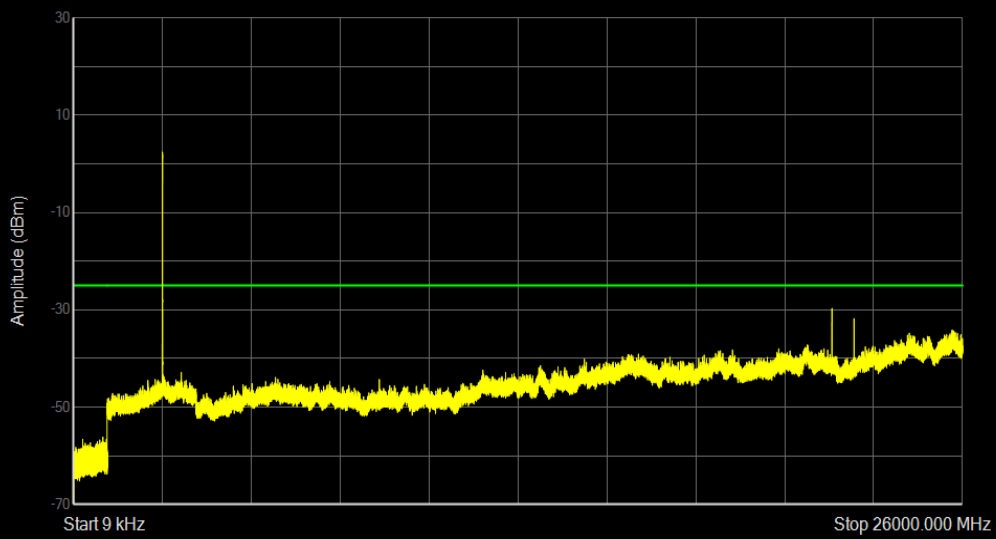


Band38 QAM16 BW=5MHz Channel=37775 RB Size=25 Position=#0



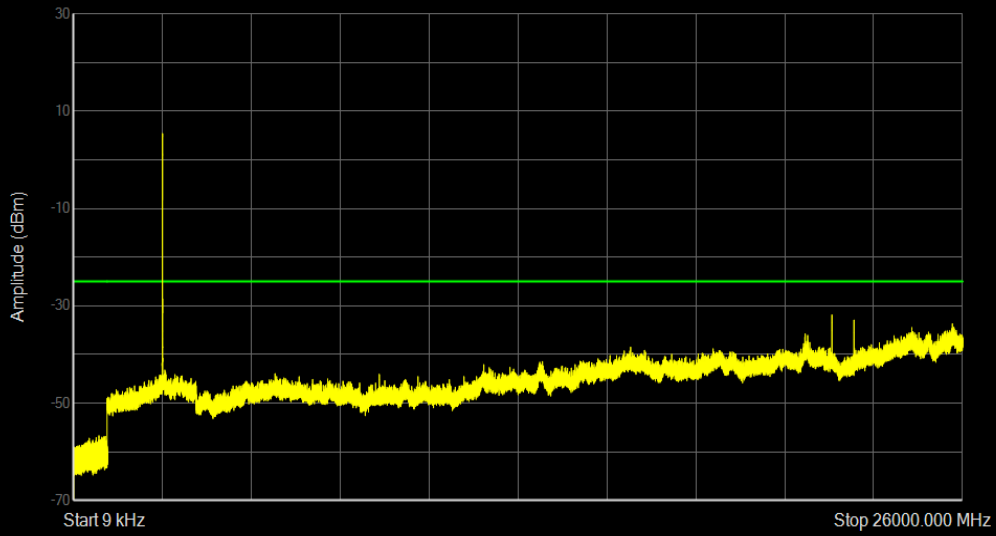
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00906345	-54.68	-25
2	0.15	30	10	0.1574625	-54.7	-25
3	30	1000	100	736.16	-56.52	-25
4	1000	26000	1000	22186.25	-29.28	-25

Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0



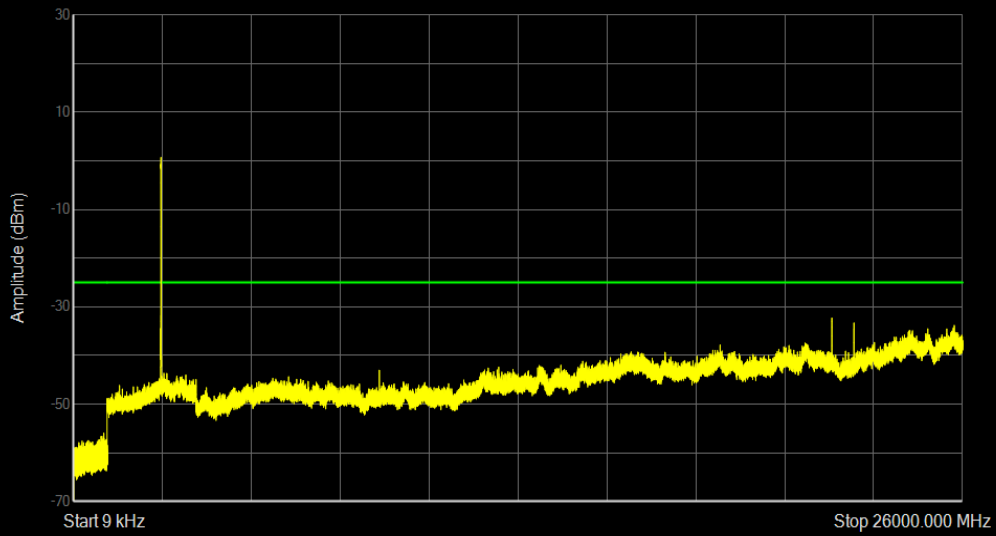
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011999775	-54.01	-25
2	0.15	30	10	0.15671625	-56.56	-25
3	30	1000	100	877.392	-56.14	-25
4	1000	26000	1000	22184.375	-29.72	-25

Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0



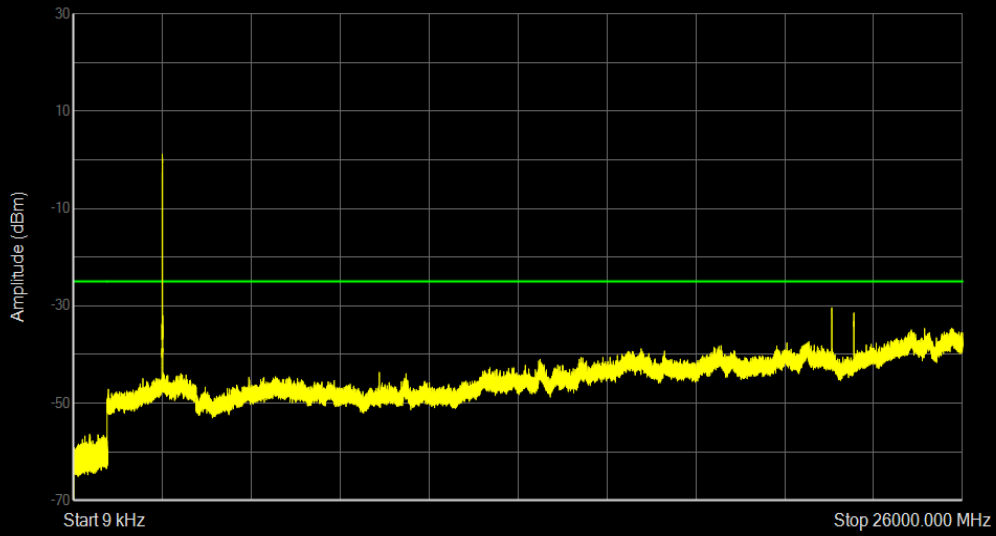
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00911985	-53.99	-25
2	0.15	30	10	0.15	-57.48	-25
3	30	1000	100	762.0105	-56.69	-25
4	1000	26000	1000	22182.5	-31.89	-25

Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0



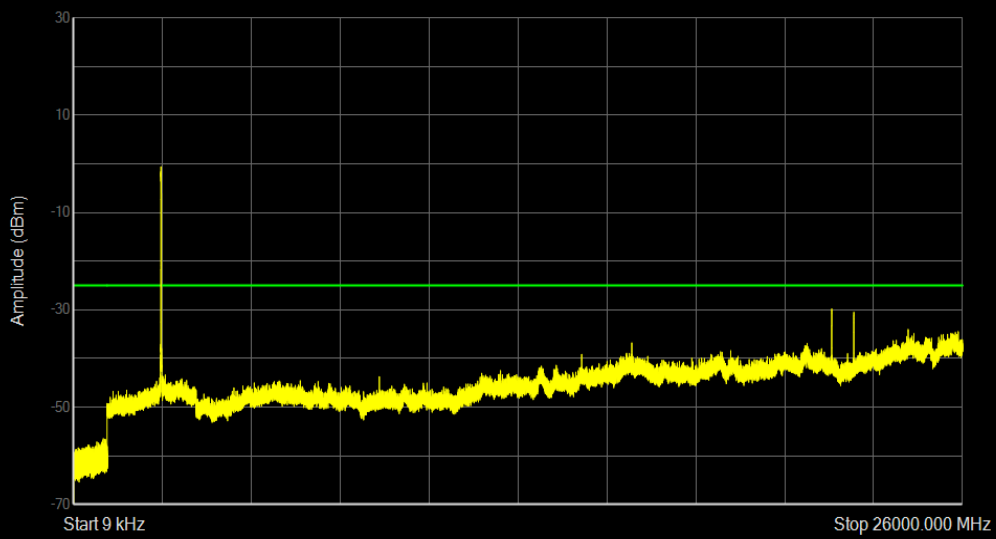
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01174245	-54.68	-25
2	0.15	30	10	0.15671625	-56.74	-25
3	30	1000	100	905.231	-55.95	-25
4	1000	26000	1000	22181.25	-32.29	-25

Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0



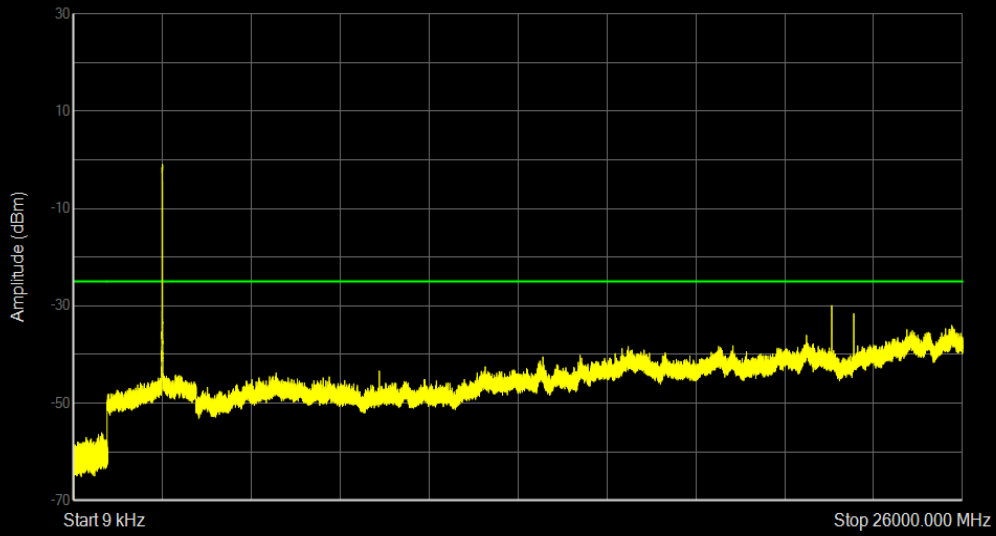
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009250275	-54.5	-25
2	0.15	30	10	0.15671625	-56.6	-25
3	30	1000	100	491.7685	-56.42	-25
4	1000	26000	1000	22178.125	-30.42	-25

Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0



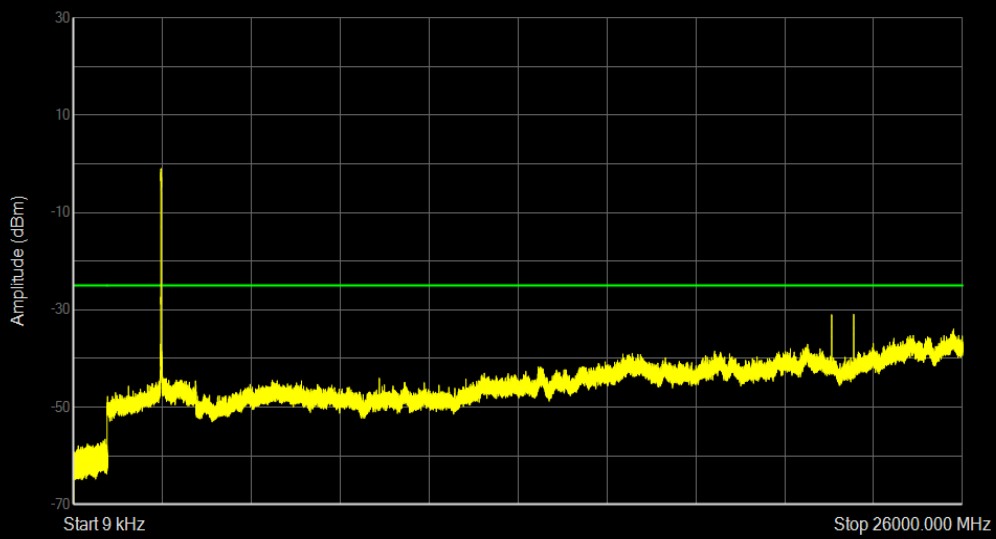
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009222075	-55.99	-25
2	0.15	30	10	0.152985	-55.17	-25
3	30	1000	100	890.26875	-56.47	-25
4	1000	26000	1000	22176.25	-29.86	-25

Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0



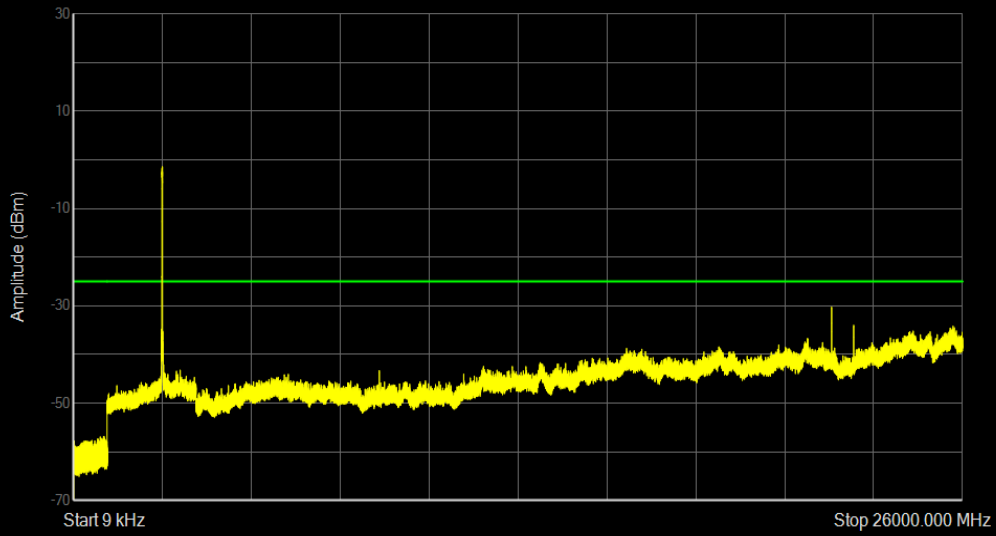
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100716	-53.8	-25
2	0.15	30	10	0.1514925	-56.78	-25
3	30	1000	100	842.8115	-56.07	-25
4	1000	26000	1000	22176.25	-29.95	-25

Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0



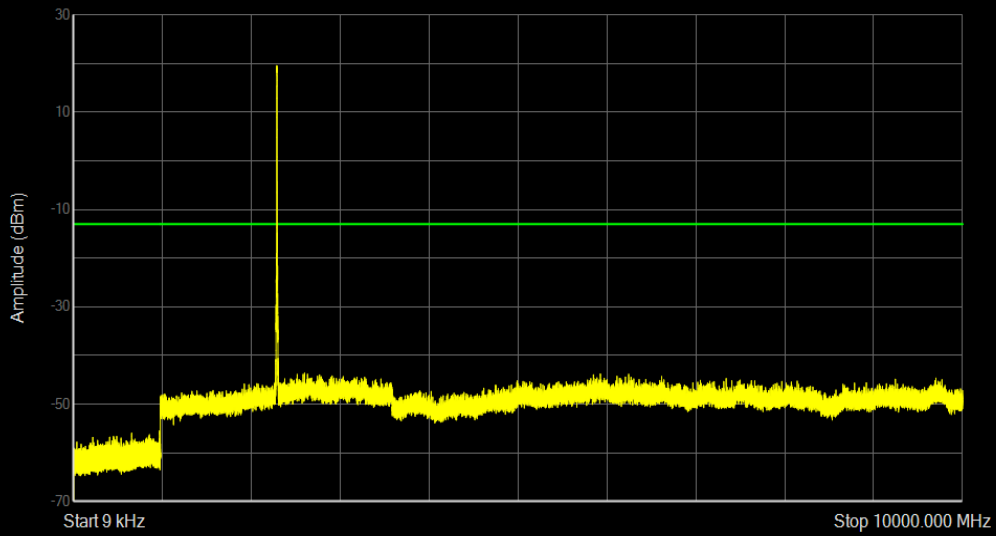
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0099447	-52.31	-25
2	0.15	30	10	0.15970125	-56.81	-25
3	30	1000	100	942.673	-56.59	-25
4	1000	26000	1000	22820	-30.97	-25

Band38 QPSK BW=20MHz Channel=38150 RB Size=100 Position=#0



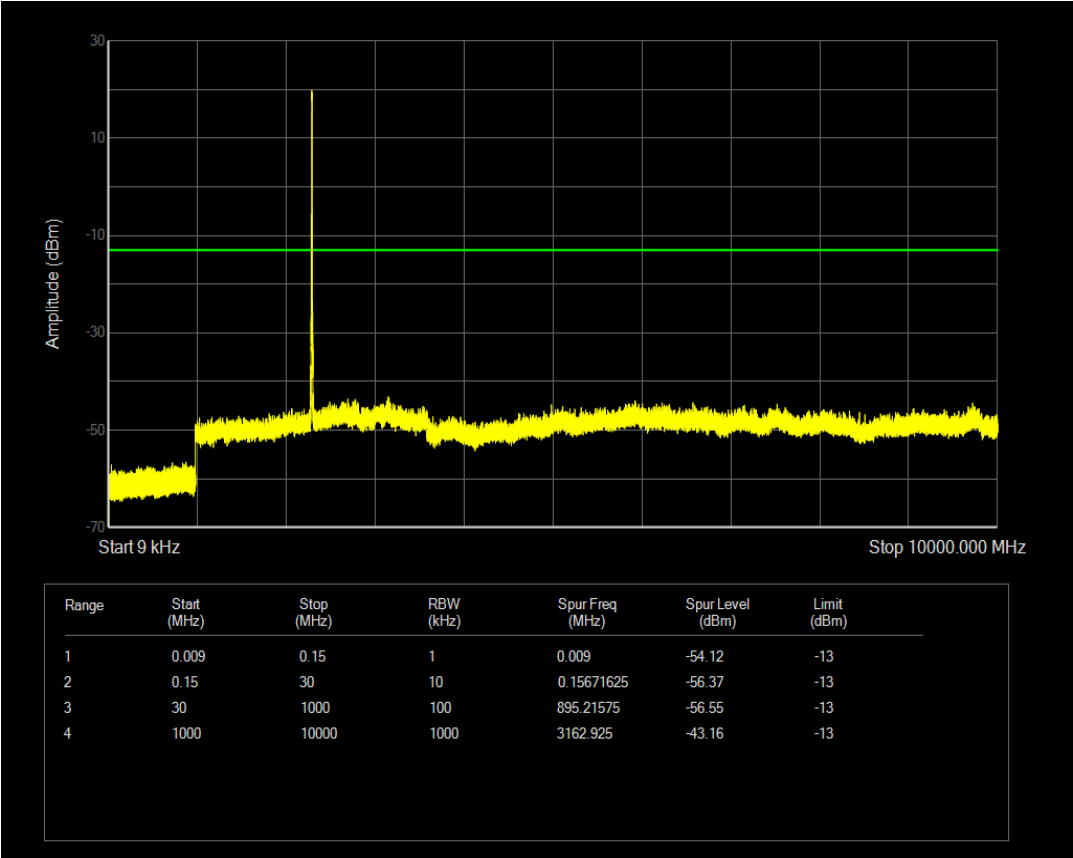
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01065675	-54.33	-25
2	0.15	30	10	0.1514925	-55.04	-25
3	30	1000	100	897.7135	-56.85	-25
4	1000	26000	1000	22173.125	-30.28	-25

Band40a QPSK BW=5MHz Channel=38725 RB Size=25 Position=#0

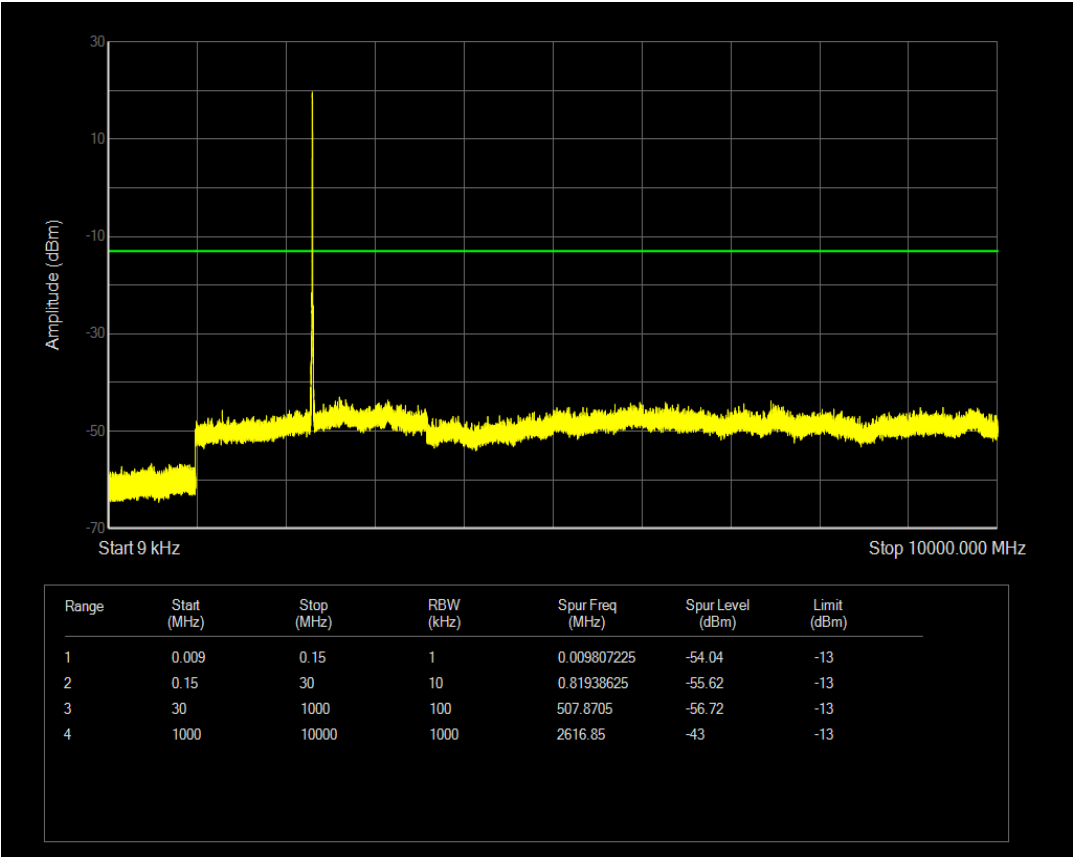


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0097614	-53.86	-13
2	0.15	30	10	0.15	-55.52	-13
3	30	1000	100	991.755	-55.48	-13
4	1000	10000	1000	2617.075	-43.62	-13

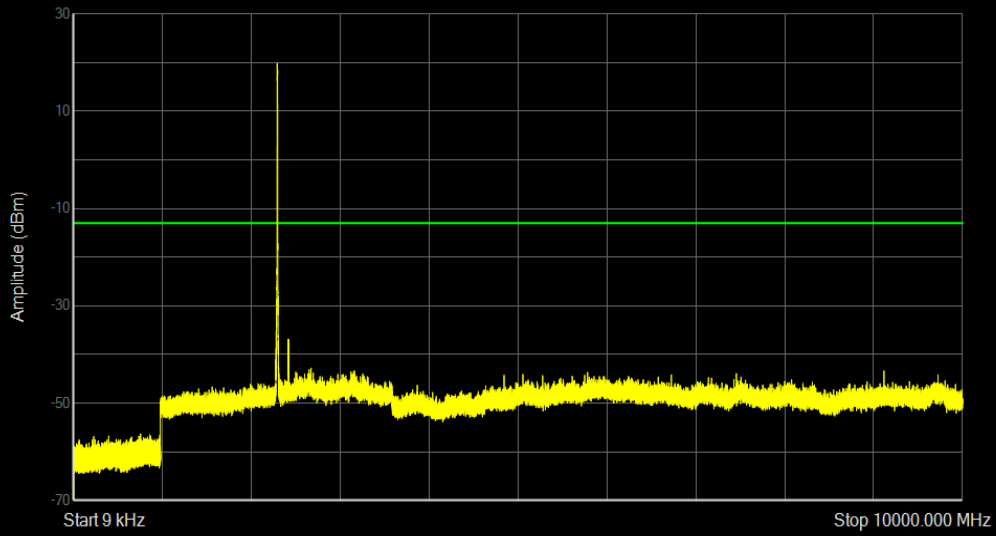
Band40a QAM16 BW=5MHz Channel=38725 RB Size=25 Position=#0



Band40a QPSK BW=5MHz Channel=38775 RB Size=25 Position=#0

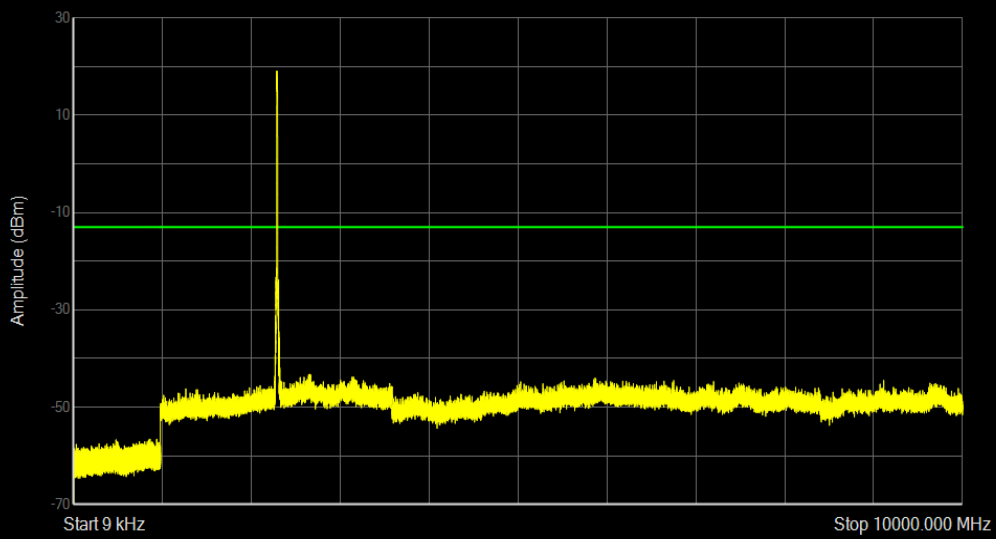


Band40a QAM16 BW=5MHz Channel=38775 RB Size=25 Position=#0



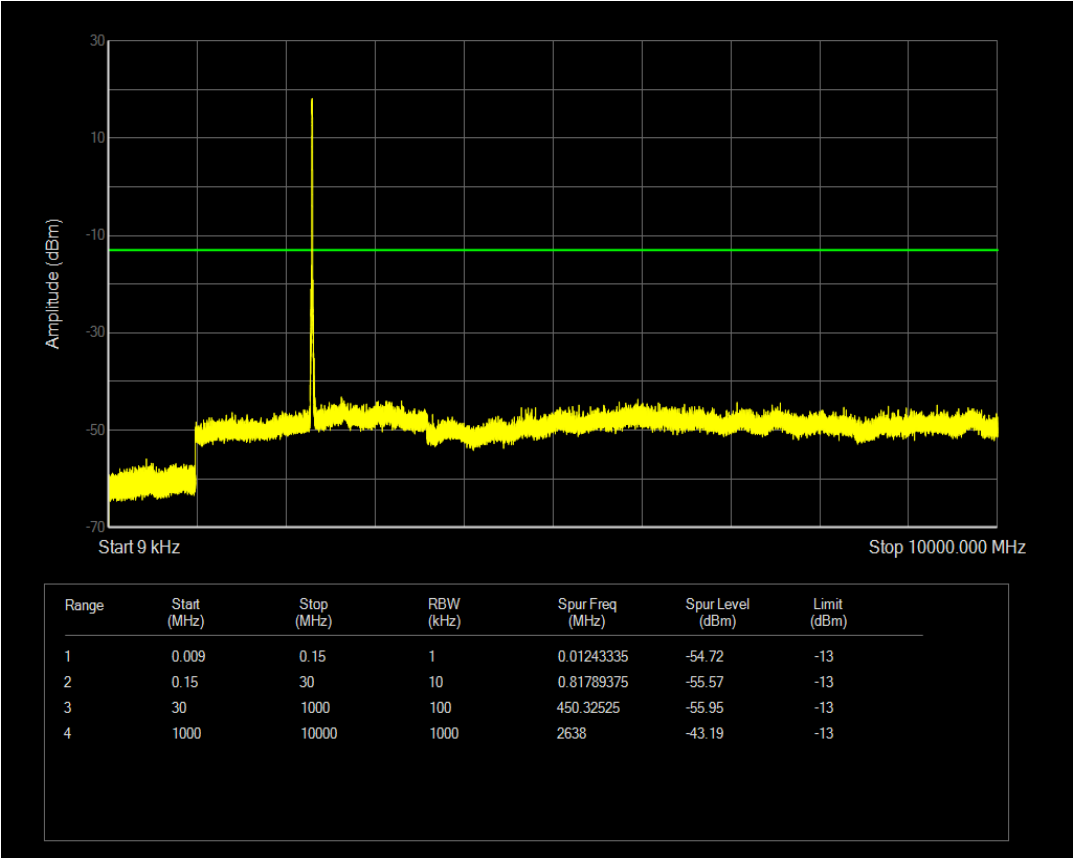
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010039875	-54.94	-13
2	0.15	30	10	0.17014875	-54.81	-13
3	30	1000	100	778.2095	-56.33	-13
4	1000	10000	1000	2436.625	-36.83	-13

Band40a QPSK BW=10MHz Channel=38750 RB Size=50 Position=#0

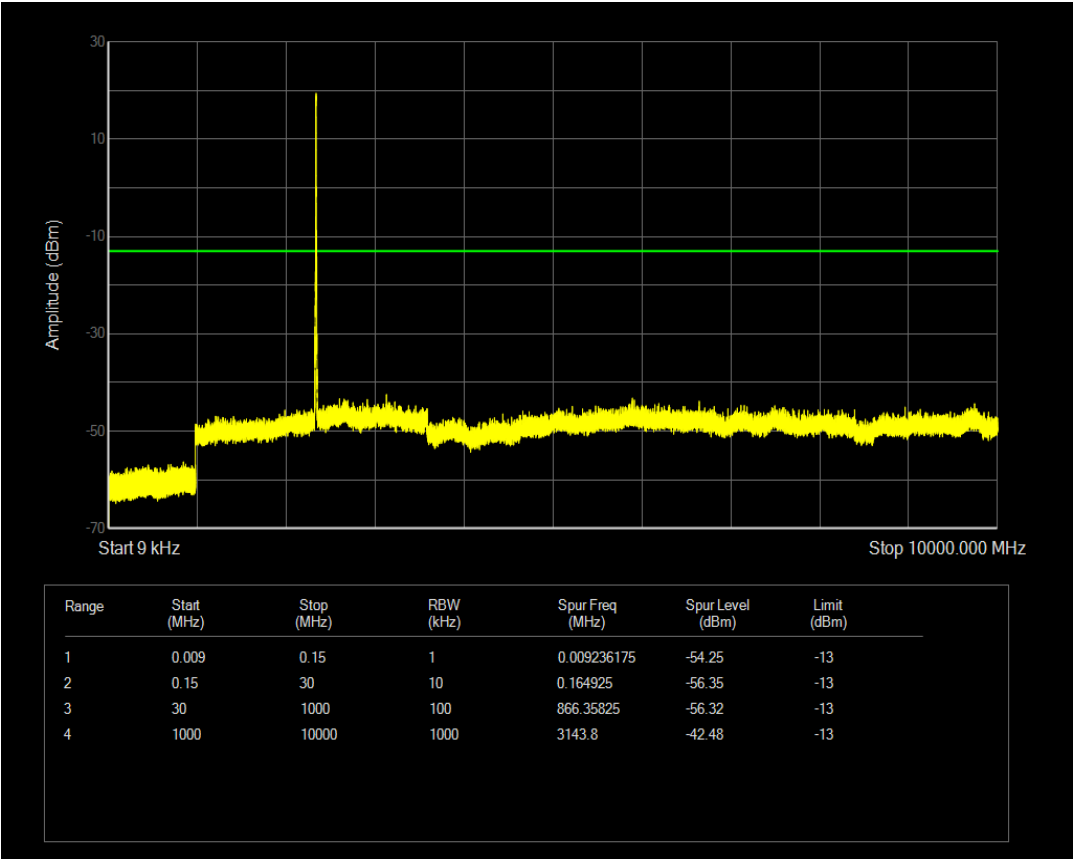


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-54.88	-13
2	0.15	30	10	0.8171475	-55.4	-13
3	30	1000	100	885.32175	-56.59	-13
4	1000	10000	1000	2676.475	-43.23	-13

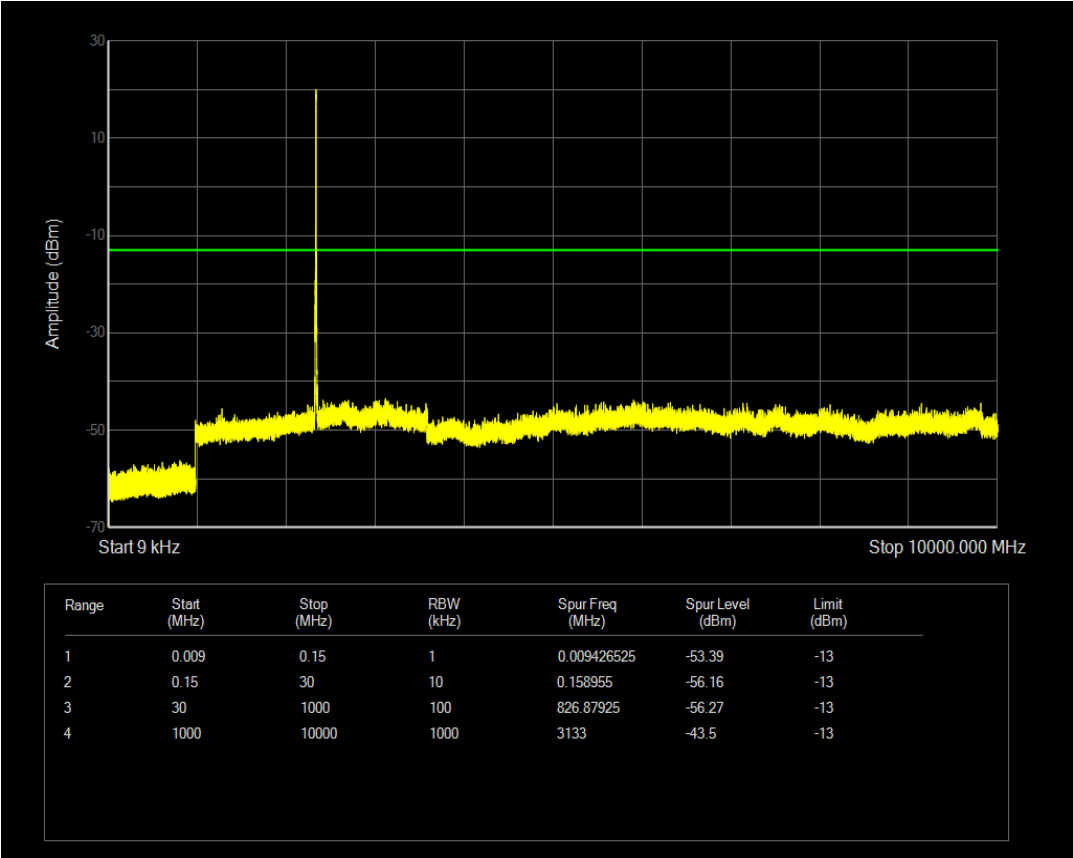
Band40a QAM16 BW=10MHz Channel=38750 RB Size=50 Position=#0



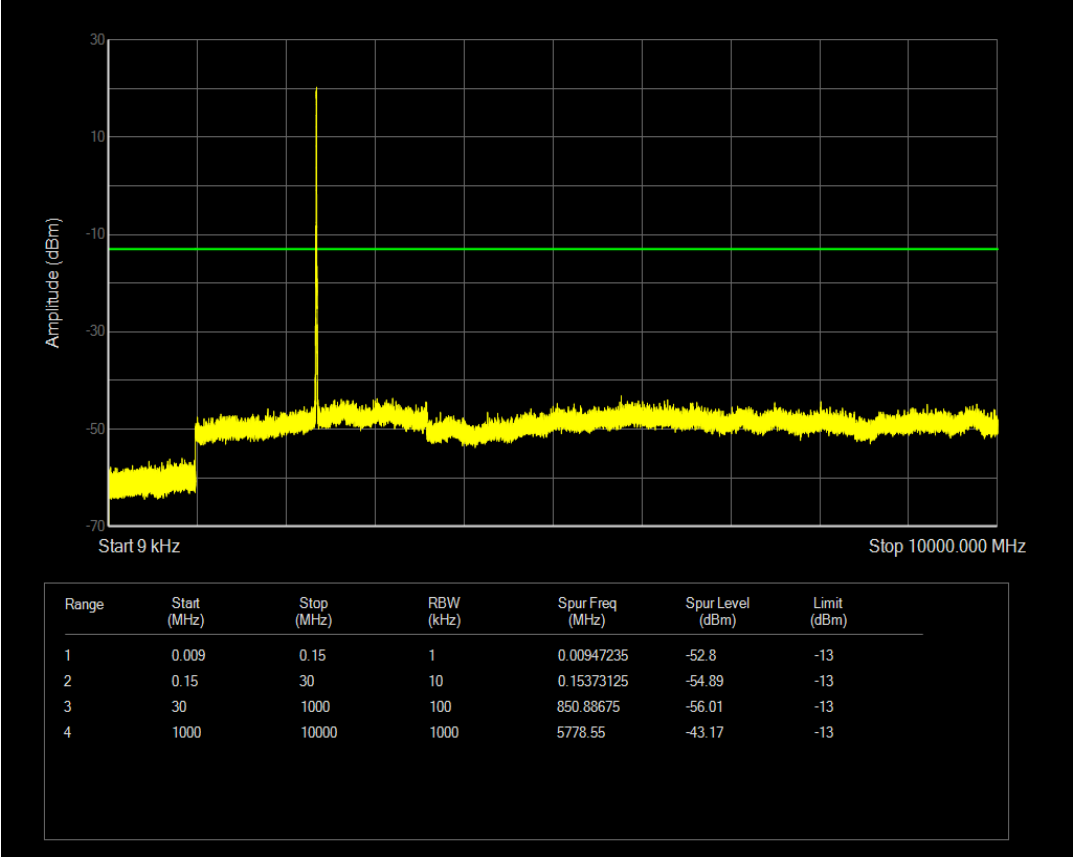
Band40b QPSK BW=5MHz Channel=39175 RB Size=25 Position=#0



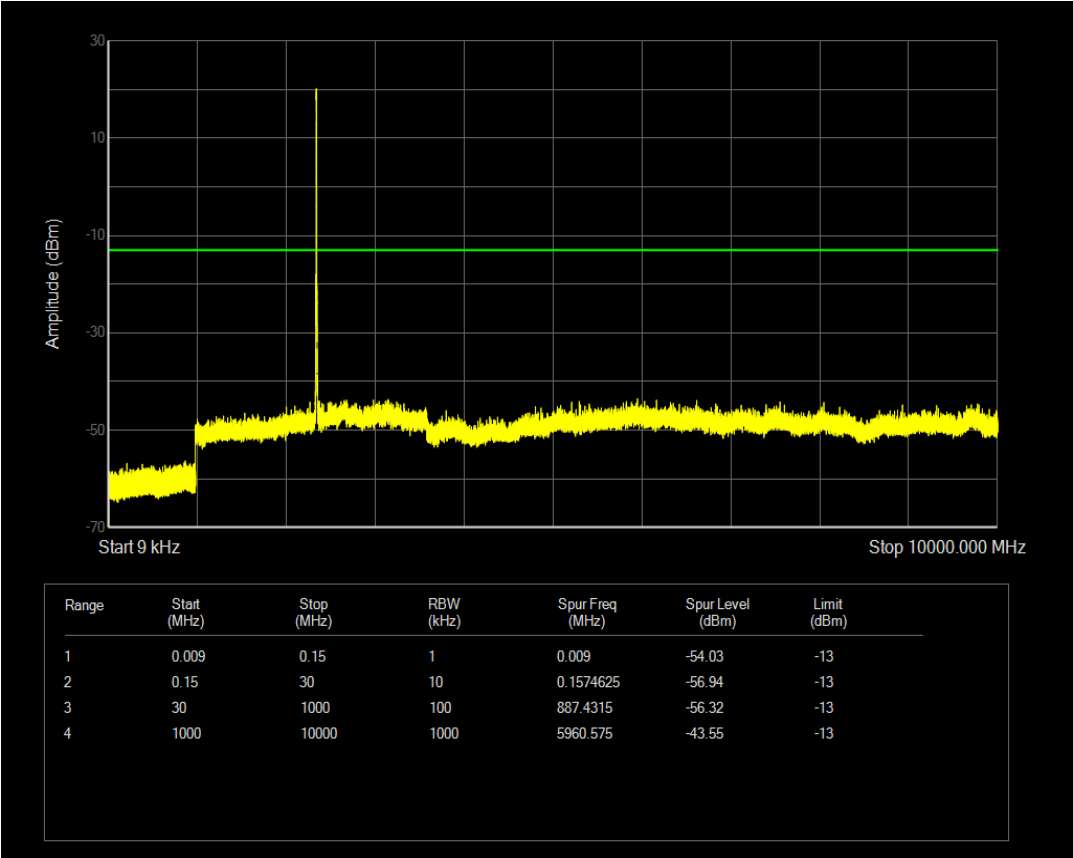
Band40b QAM16 BW=5MHz Channel=39175 RB Size=25 Position=#0



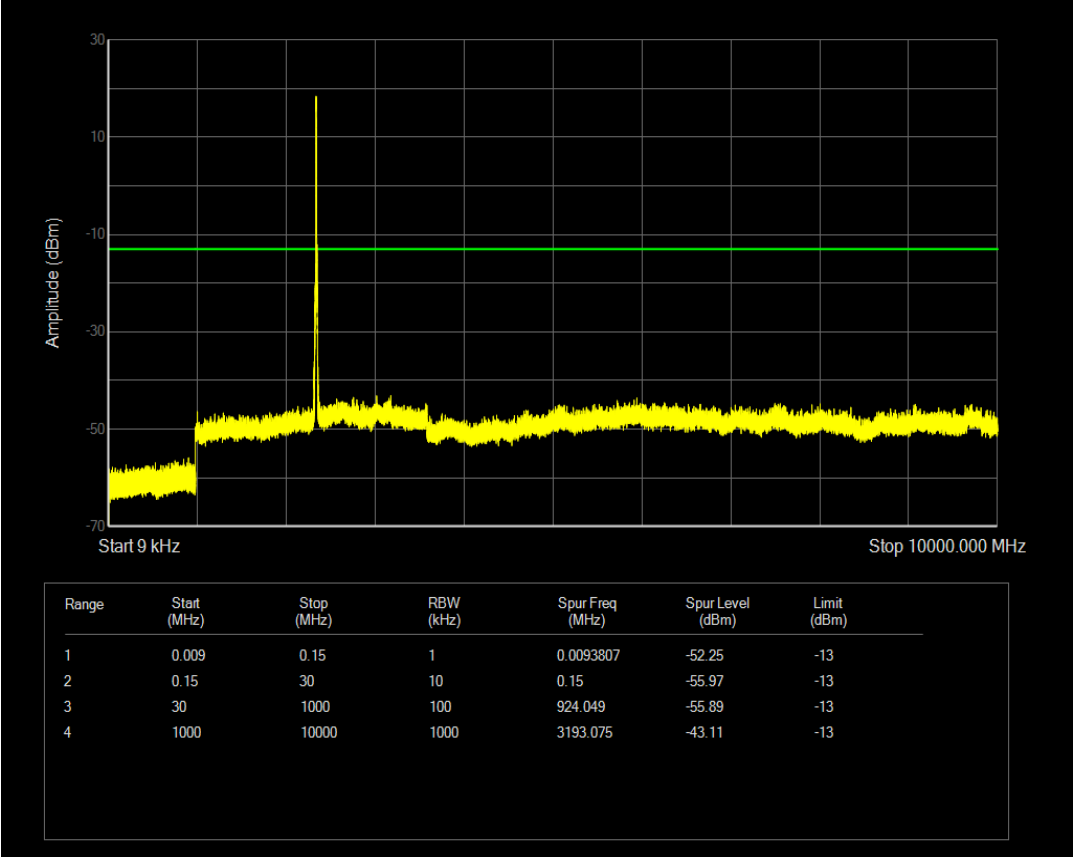
Band40b QPSK BW=5MHz Channel=39225 RB Size=25 Position=#0



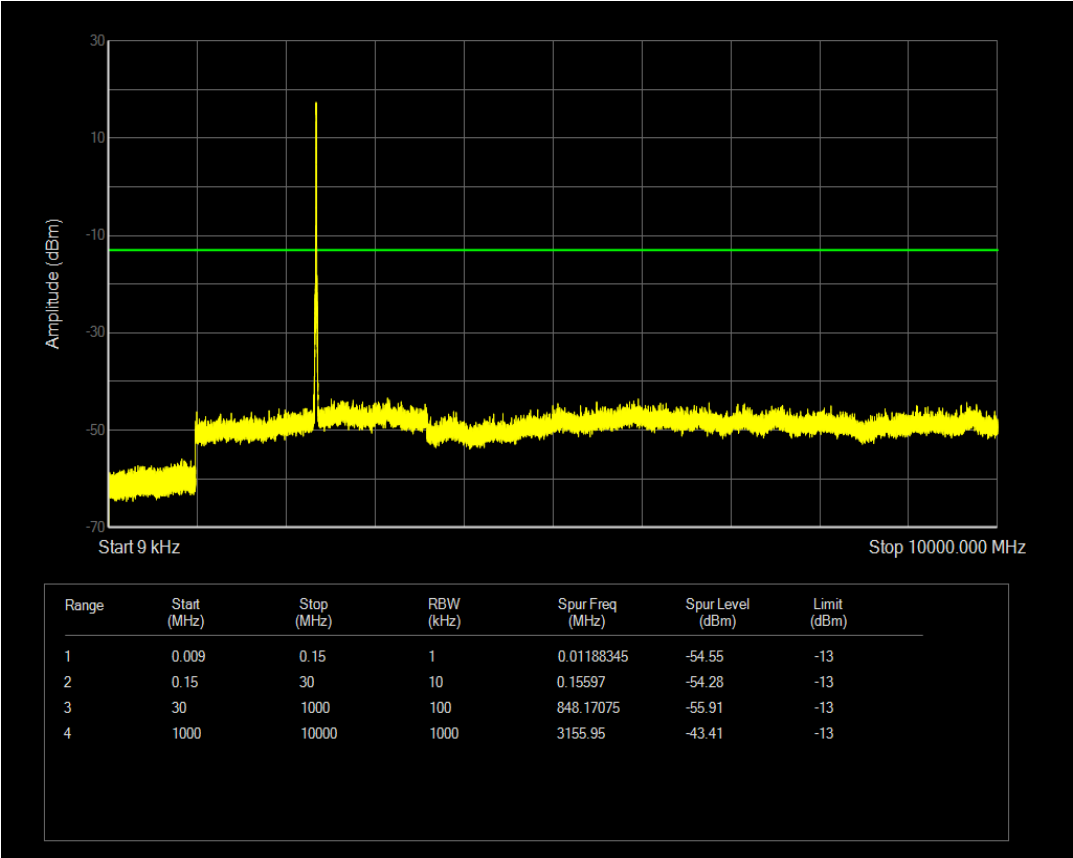
Band40b QAM16 BW=5MHz Channel=39225 RB Size=25 Position=#0



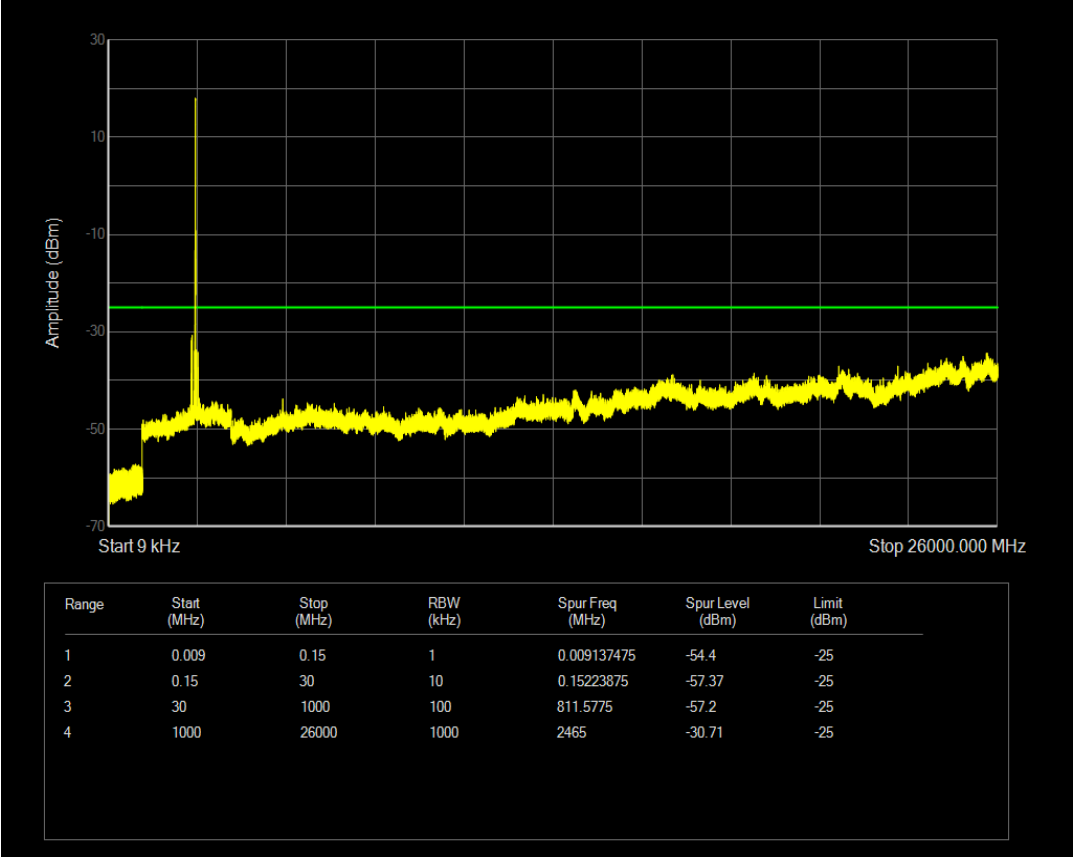
Band40b QPSK BW=10MHz Channel=39200 RB Size=50 Position=#0



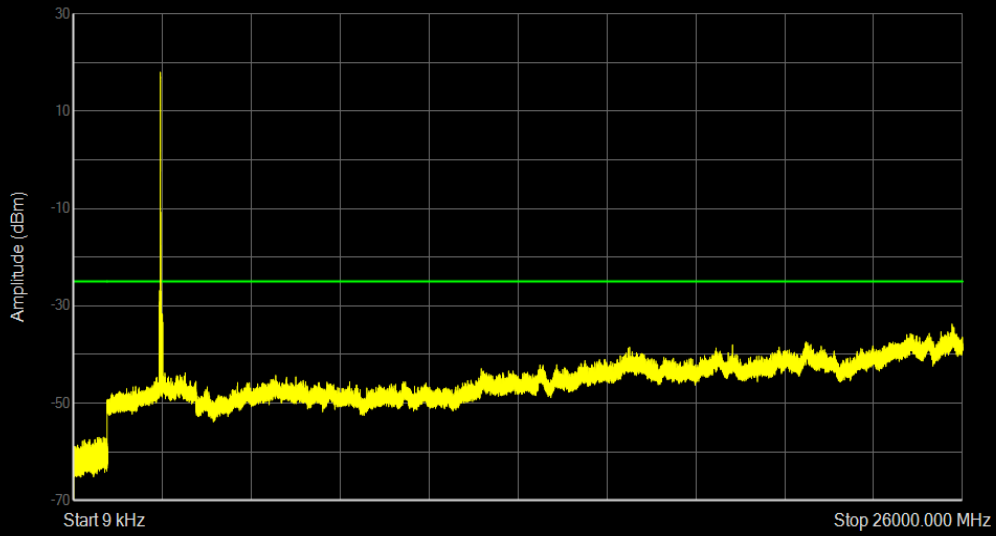
Band40b QAM16 BW=10MHz Channel=39200 RB Size=50 Position=#0



Band41(2555-2655) QPSK BW=5MHz Channel=40265 RB Size=25 Position=#0

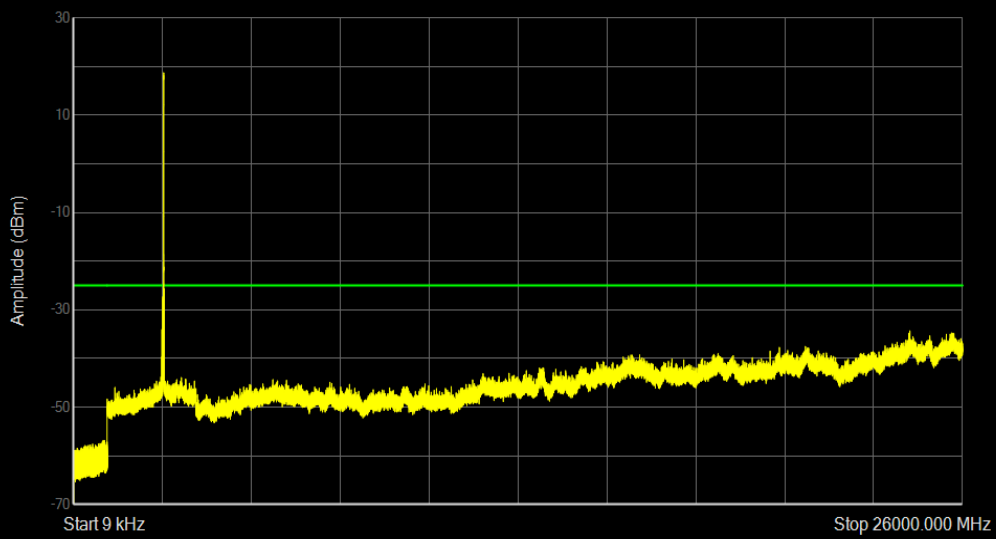


Band41(2555-2655) QAM16 BW=5MHz Channel=40265 RB Size=25 Position=#0



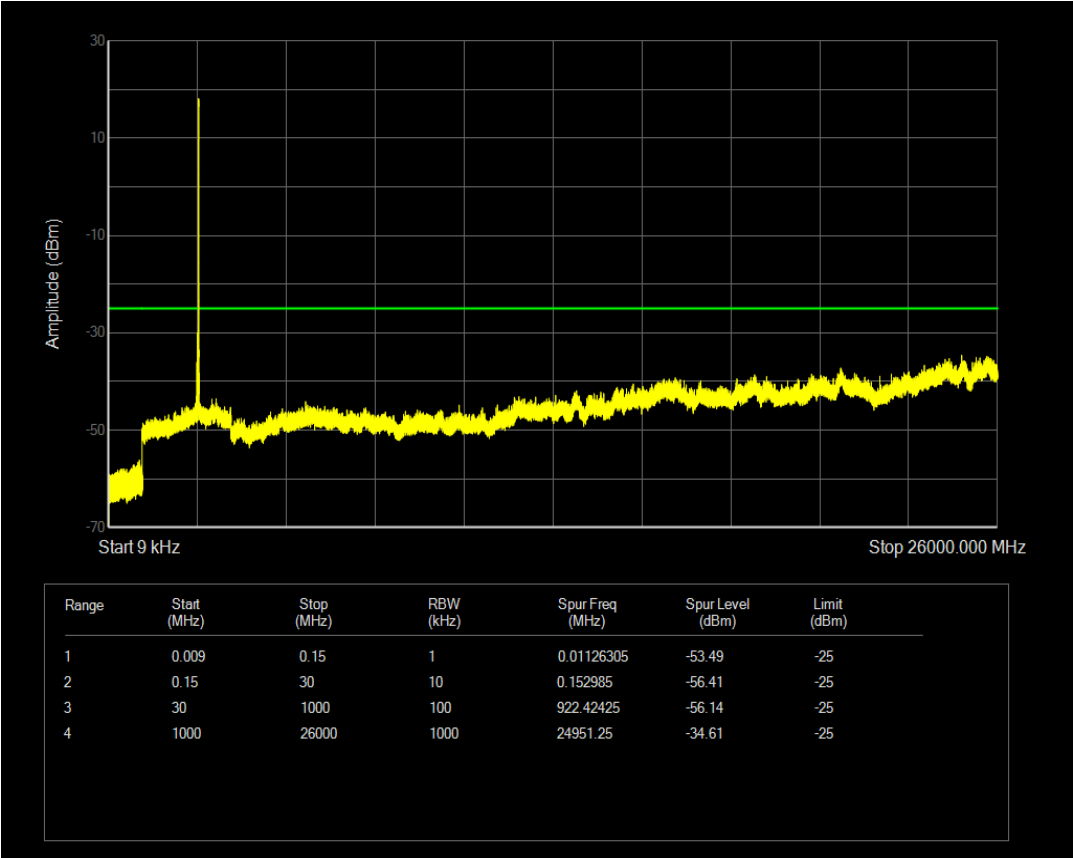
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096627	-54	-25
2	0.15	30	10	0.15	-57.96	-25
3	30	1000	100	891.38425	-57	-25
4	1000	26000	1000	2534.375	-32.38	-25

Band41(2555-2655) QPSK BW=5MHz Channel=41215 RB Size=25 Position=#0

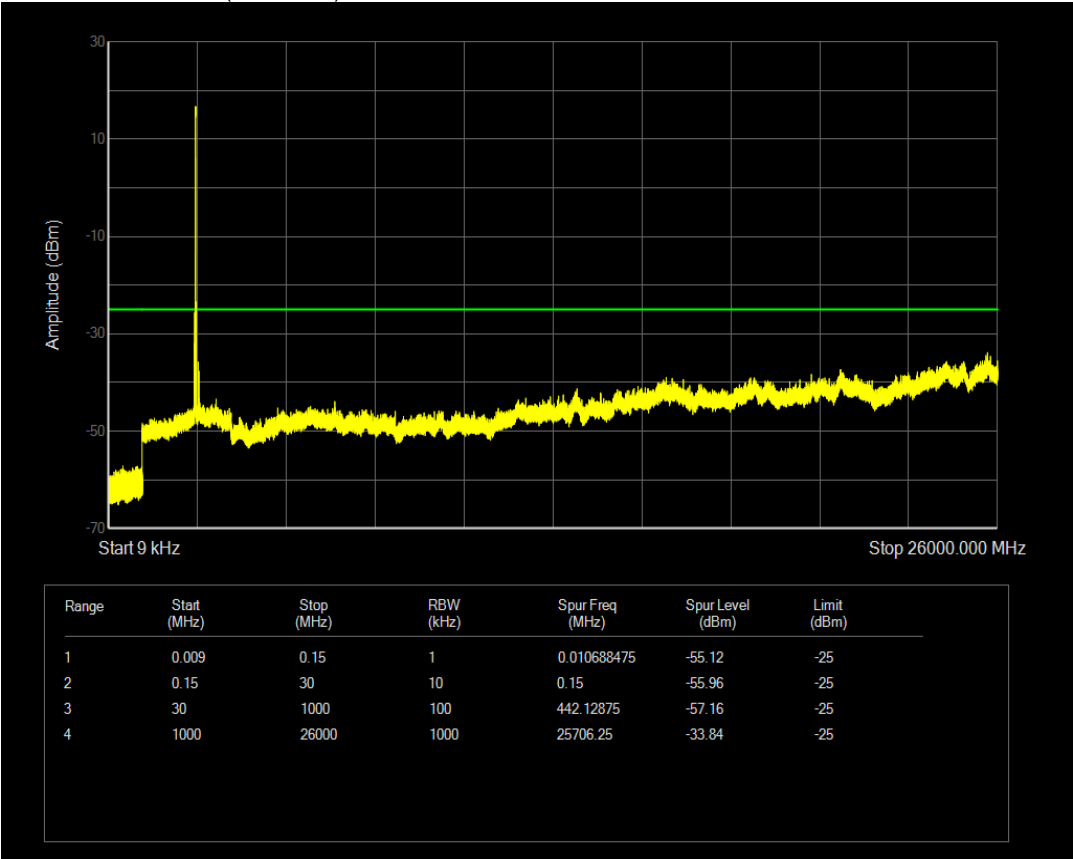


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-53.5	-25
2	0.15	30	10	0.1514925	-57.56	-25
3	30	1000	100	928.38975	-56.86	-25
4	1000	26000	1000	24459.375	-34.31	-25

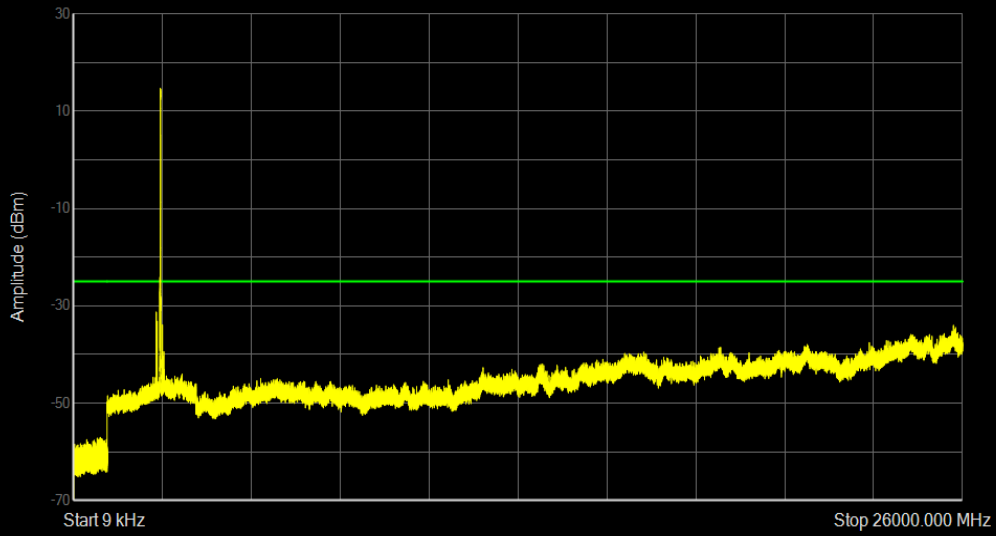
Band41(2555-2655) QAM16 BW=5MHz Channel=41215 RB Size=25 Position=#0



Band41(2555-2655) QPSK BW=10MHz Channel=40290 RB Size=50 Position=#0

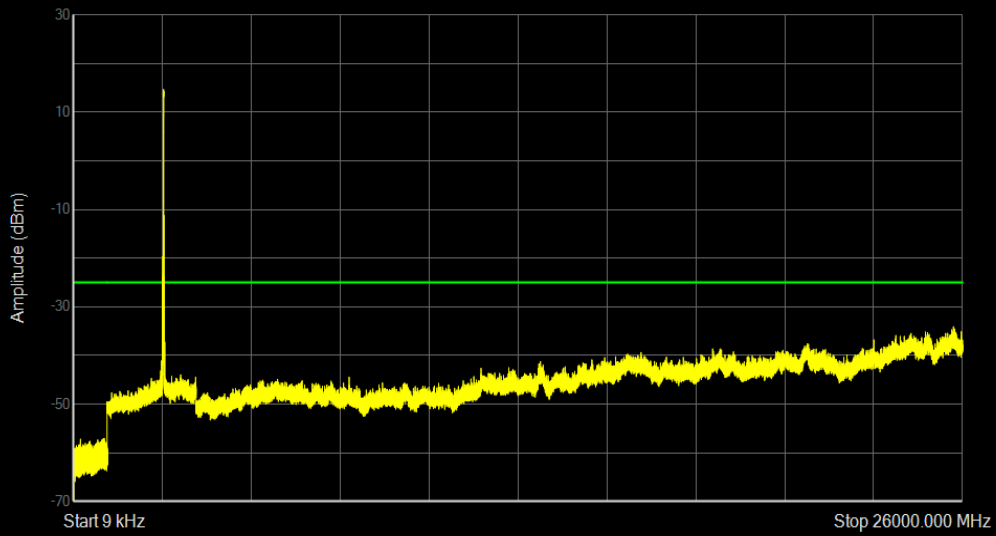


Band41(2555-2655) QAM16 BW=10MHz Channel=40290 RB Size=50 Position=#0



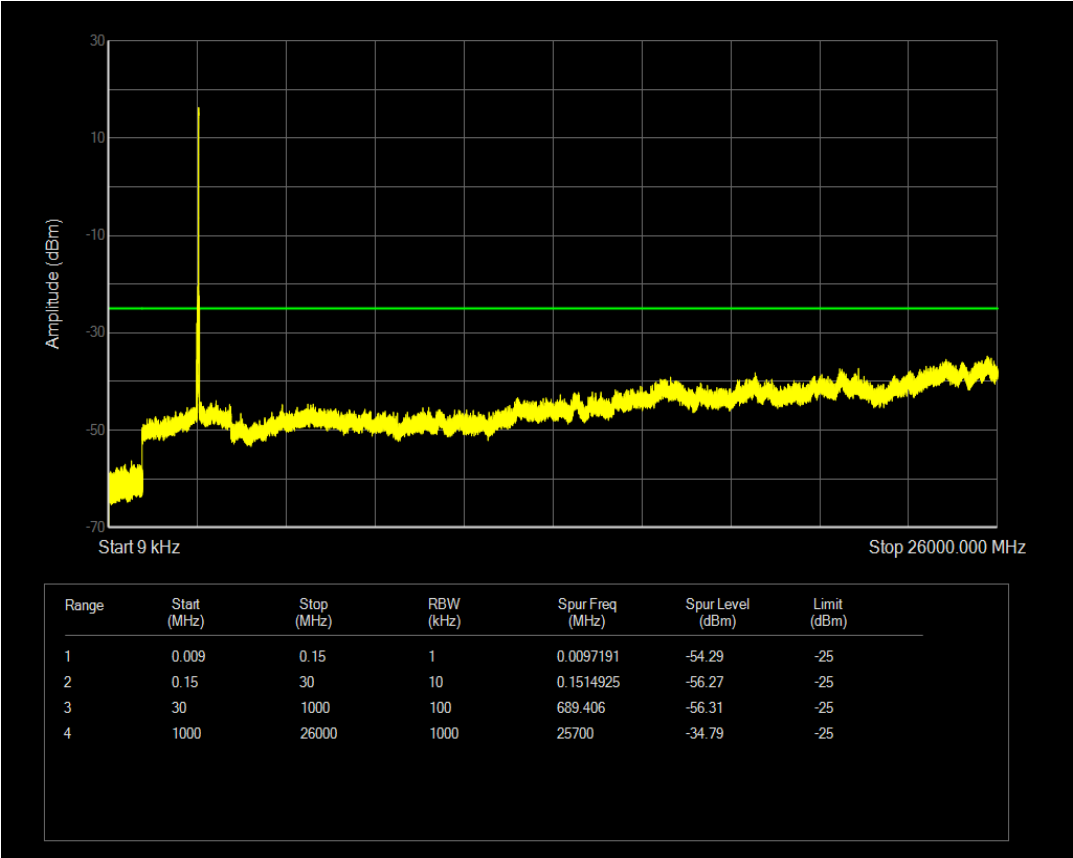
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009243225	-54.72	-25
2	0.15	30	10	0.16119375	-55.91	-25
3	30	1000	100	803.89025	-57.04	-25
4	1000	26000	1000	2437.5	-31.28	-25

Band41(2555-2655) QAM16 BW=10MHz Channel=41190 RB Size=50 Position=#0

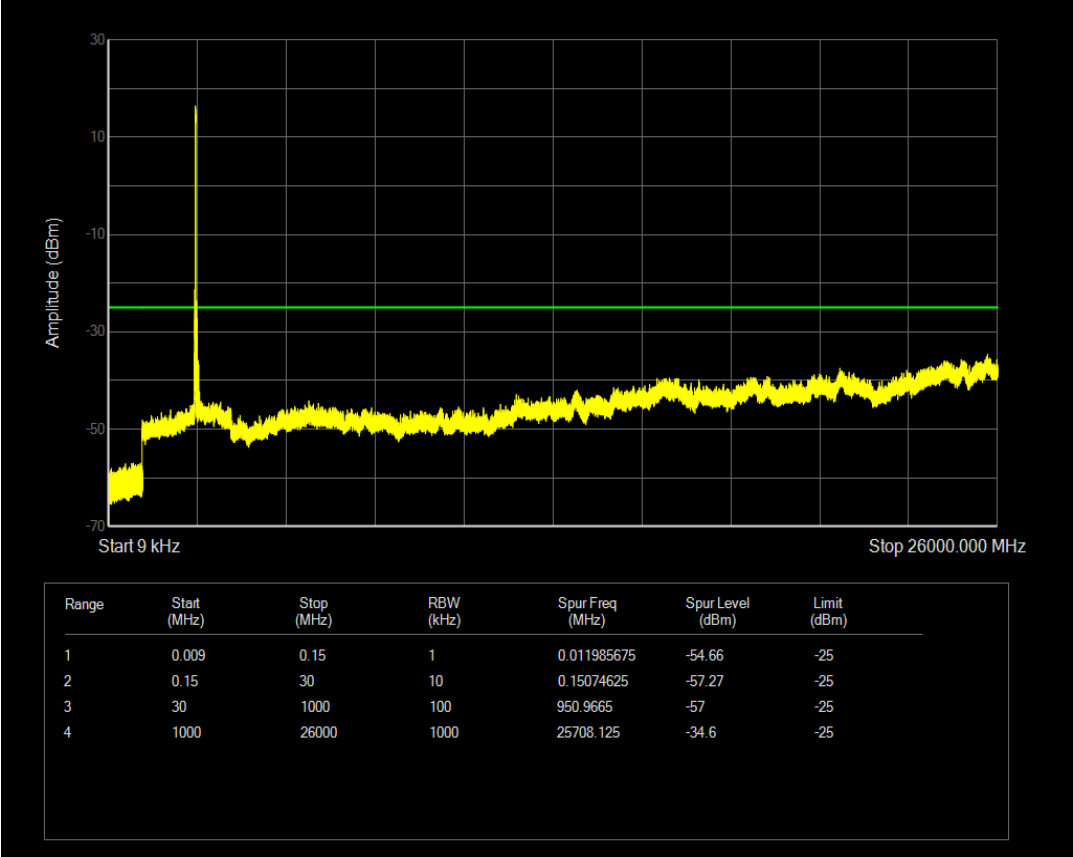


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009976425	-52.47	-25
2	0.15	30	10	0.15	-56.45	-25
3	30	1000	100	895.94325	-57.05	-25
4	1000	26000	1000	25734.375	-34.09	-25

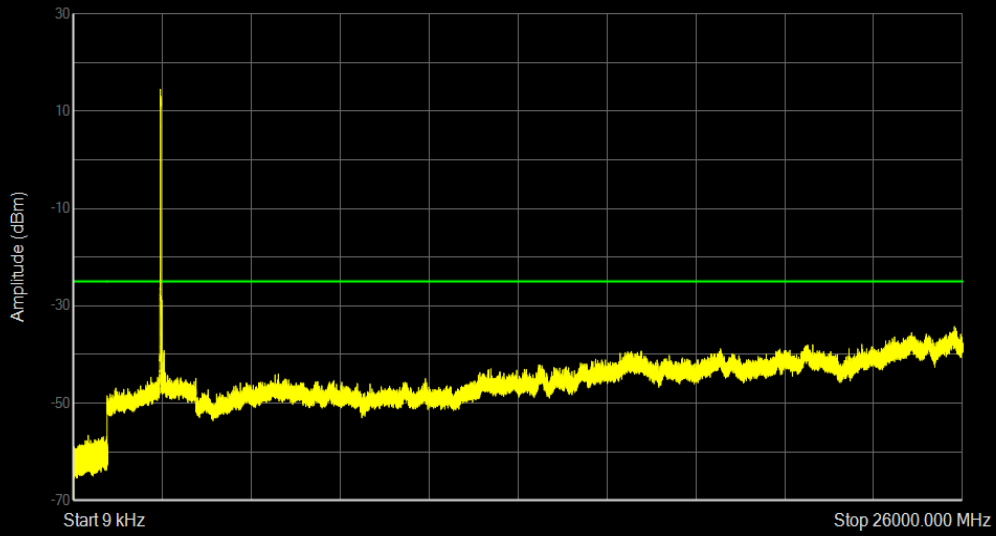
Band41(2555-2655) QPSK BW=10MHz Channel=41190 RB Size=50 Position=#0



Band41(2555-2655) QPSK BW=15MHz Channel=40315 RB Size=75 Position=#0

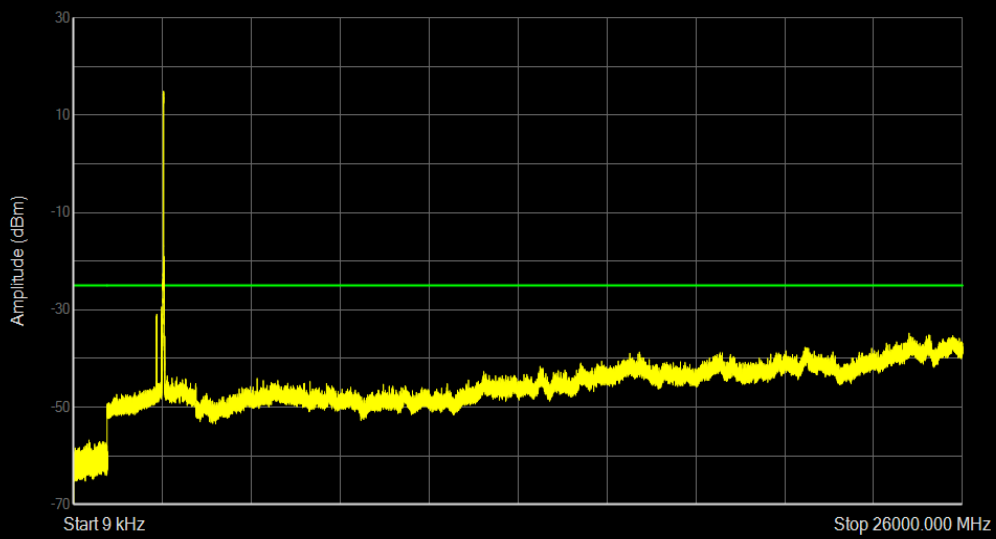


Band41(2555-2655) QAM16 BW=15MHz Channel=40315 RB Size=75 Position=#0



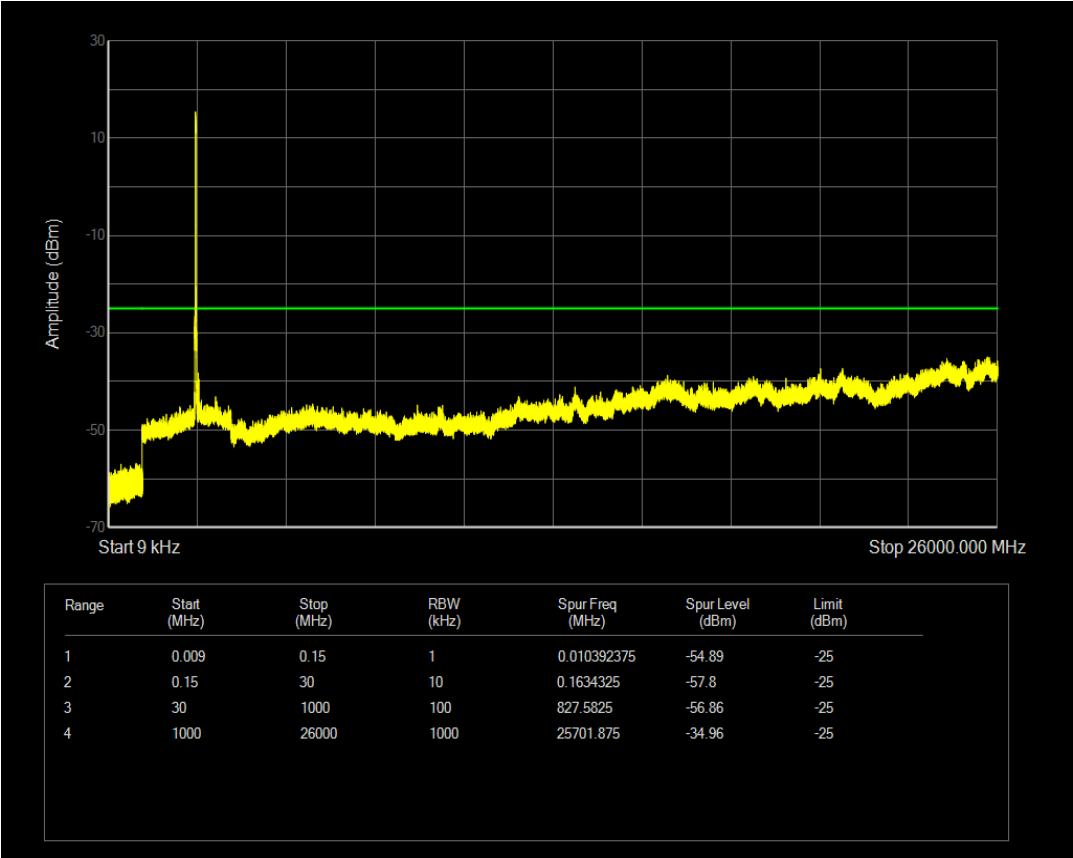
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-55.17	-25
2	0.15	30	10	0.15820875	-56.79	-25
3	30	1000	100	449.88875	-56.65	-25
4	1000	26000	1000	25761.875	-34.26	-25

Band41(2555-2655) QPSK BW=15MHz Channel=41165 RB Size=75 Position=#0

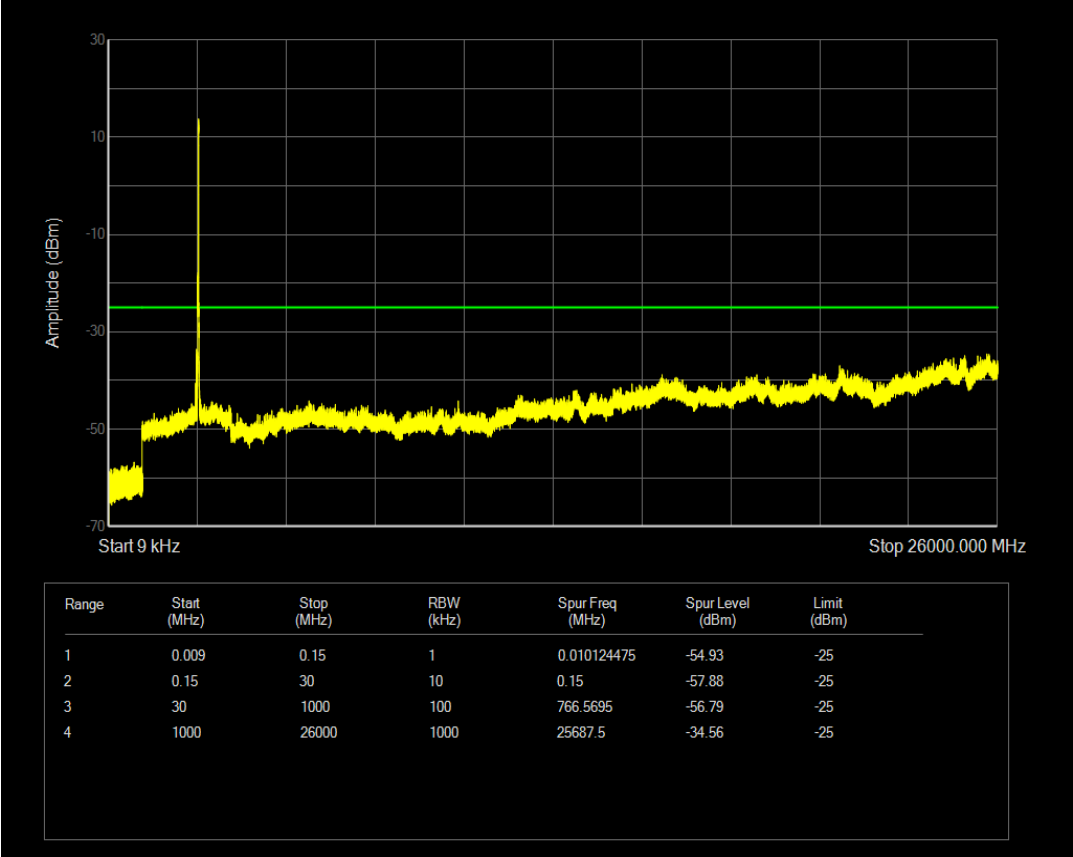


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-54.56	-25
2	0.15	30	10	0.16119375	-57.36	-25
3	30	1000	100	470.64675	-56.77	-25
4	1000	26000	1000	2453.125	-30.92	-25

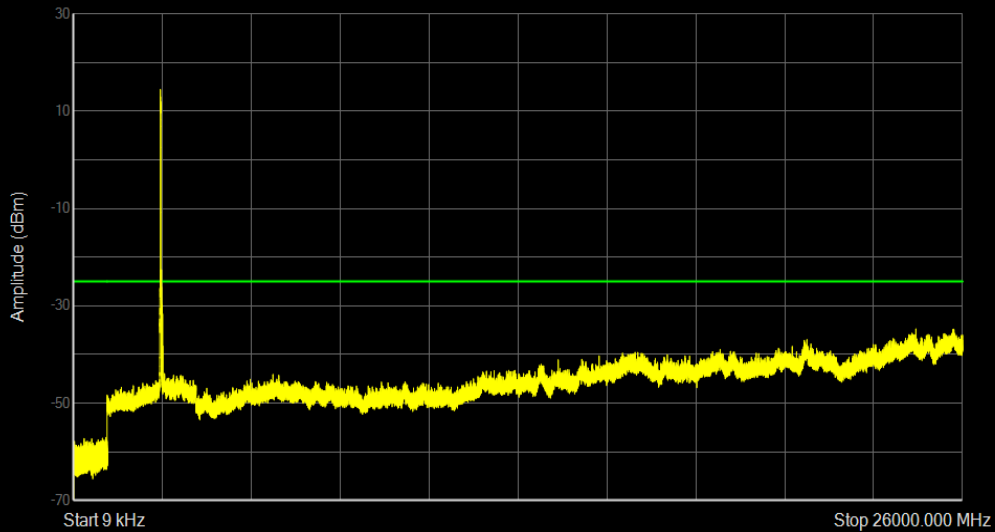
Band41(2555-2655) QPSK BW=20MHz Channel=40340 RB Size=100 Position=#0



Band41(2555-2655) QAM16 BW=15MHz Channel=41165 RB Size=75 Position=#0

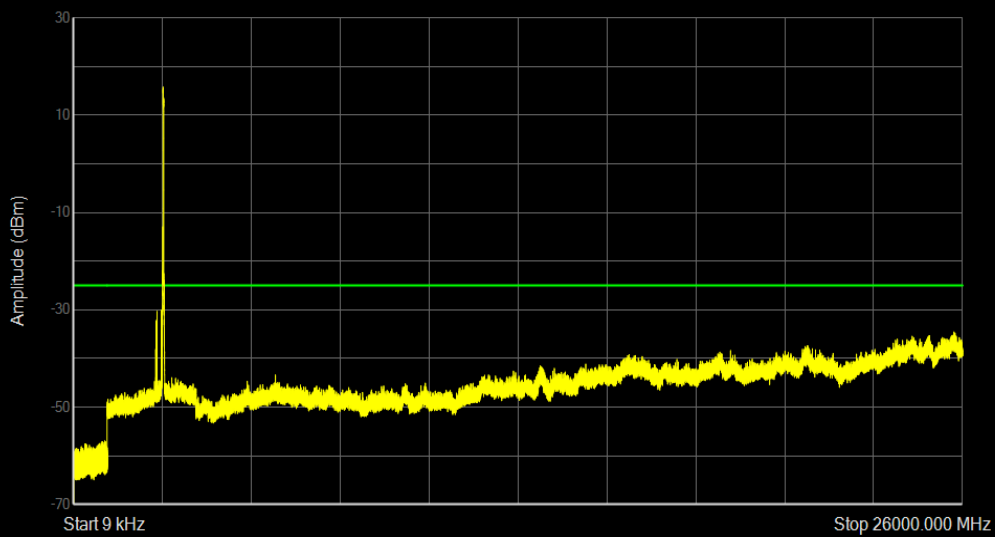


Band41(2555-2655) QAM16 BW=20MHz Channel=40340 RB Size=100 Position=#0



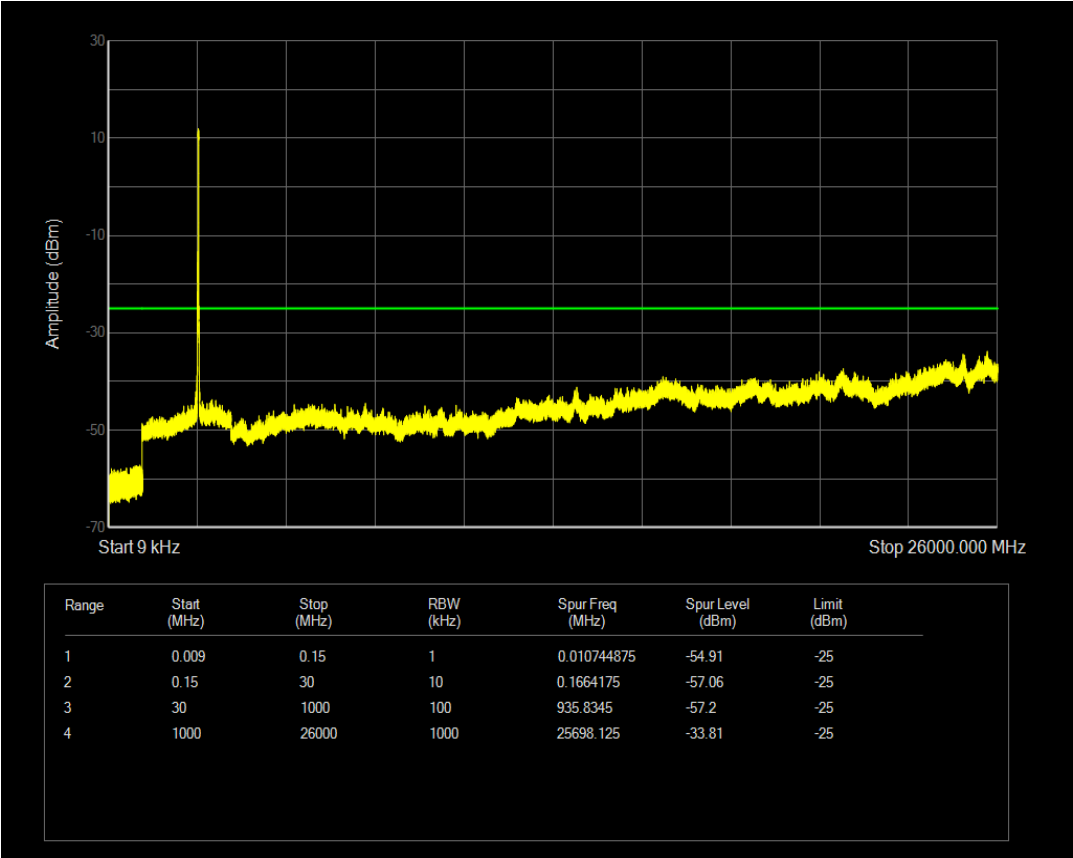
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00910575	-53.8	-25
2	0.15	30	10	0.1544775	-55.99	-25
3	30	1000	100	966.07425	-57.05	-25
4	1000	26000	1000	24636.25	-34.74	-25

Band41(2555-2655) QPSK BW=20MHz Channel=41140 RB Size=100 Position=#0

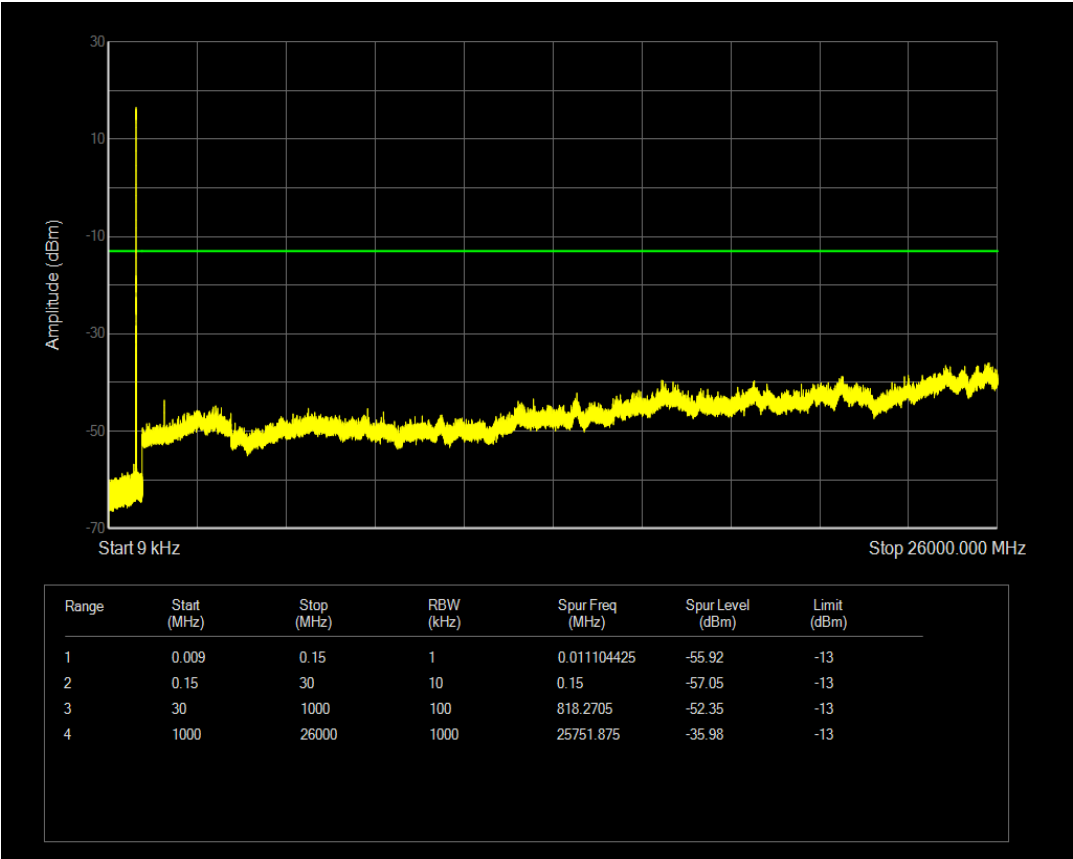


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0106497	-53.9	-25
2	0.15	30	10	0.15	-57.17	-25
3	30	1000	100	931.421	-56.94	-25
4	1000	26000	1000	2459.375	-30.31	-25

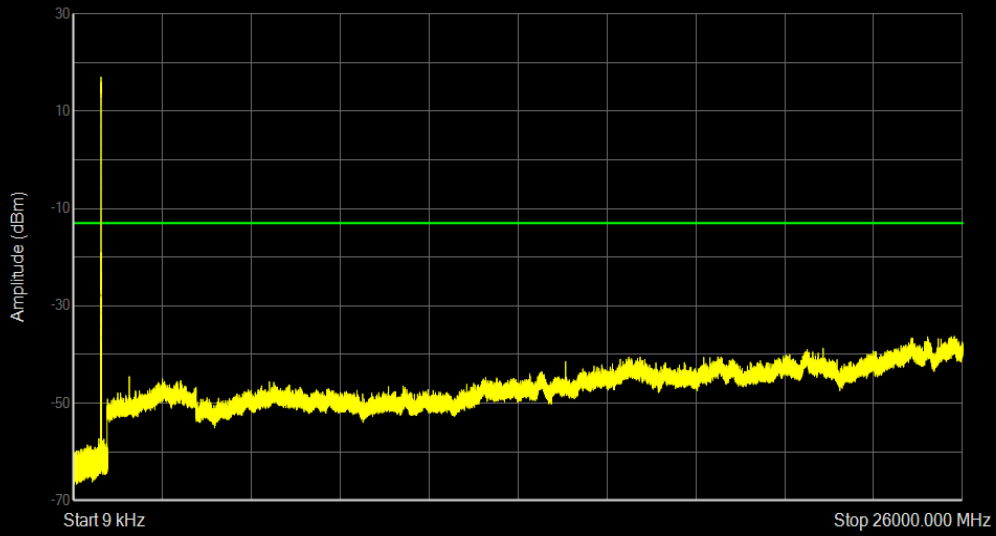
Band41(2555-2655) QAM16 BW=20MHz Channel=41140 RB Size=100 Position=#0



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

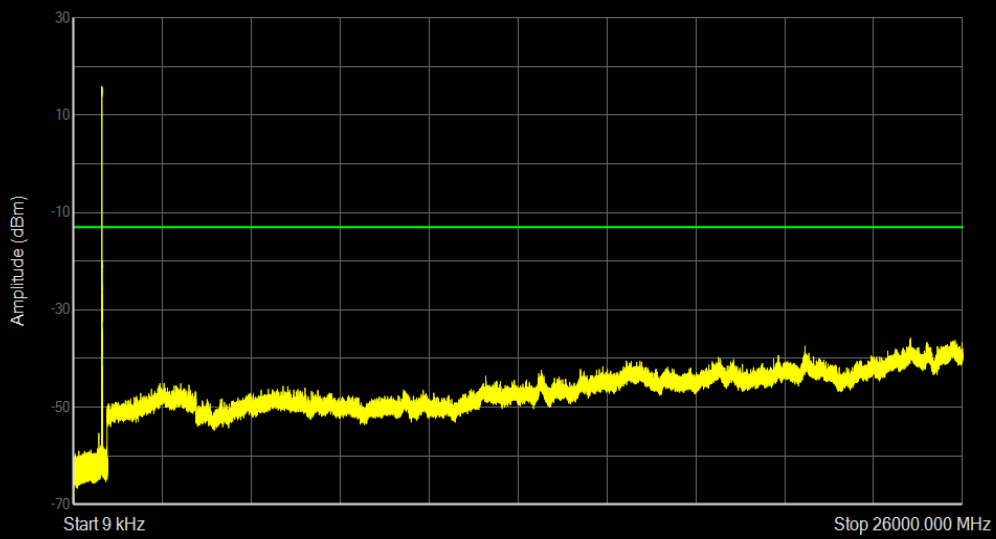


Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=6 Position=#0



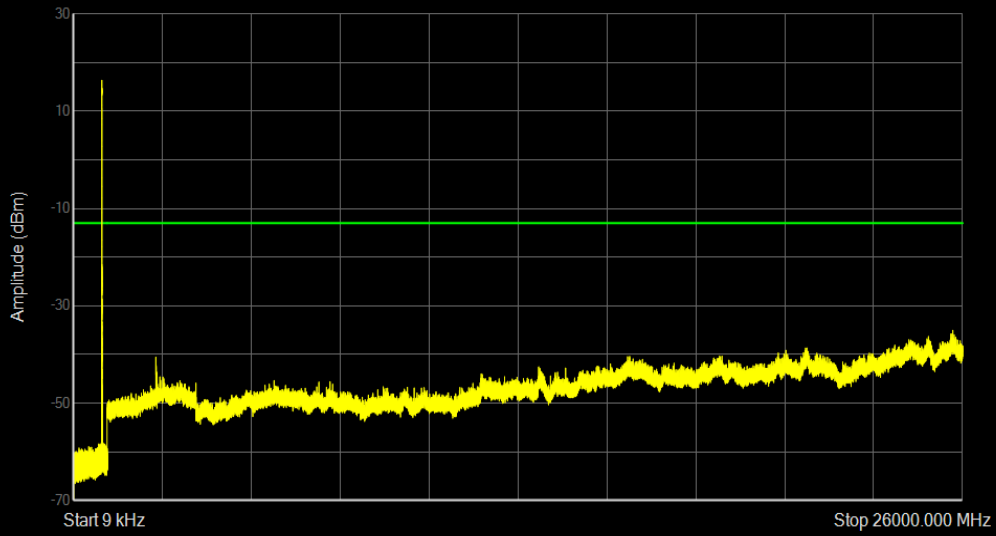
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009334875	-55.3	-13
2	0.15	30	10	0.15597	-58.8	-13
3	30	1000	100	818.1735	-56.65	-13
4	1000	26000	1000	25763.125	-36.26	-13

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



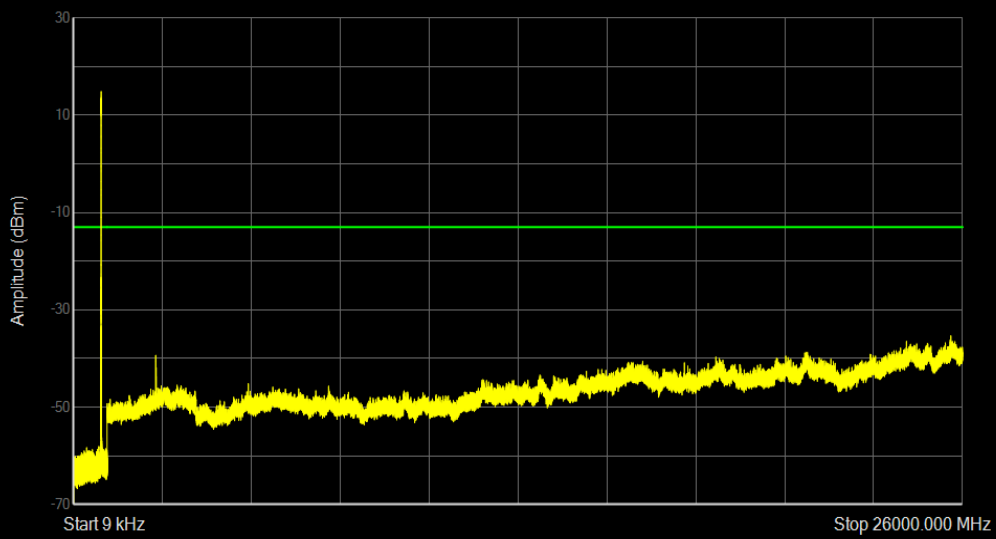
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010025775	-57.26	-13
2	0.15	30	10	0.15	-56.41	-13
3	30	1000	100	855.68825	-51.41	-13
4	1000	26000	1000	24478.125	-35.81	-13

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



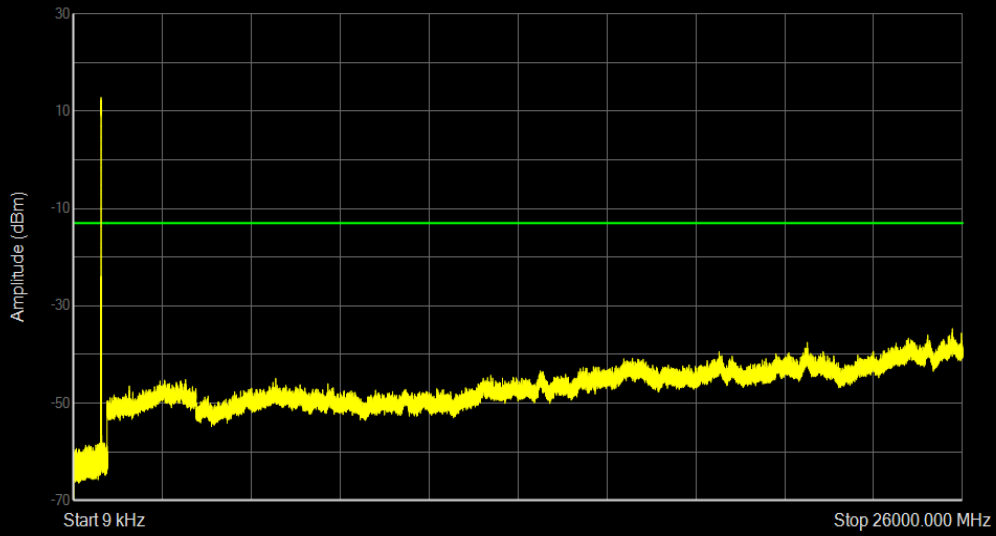
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00968385	-56.34	-13
2	0.15	30	10	0.1574625	-59.04	-13
3	30	1000	100	854.6455	-53.61	-13
4	1000	26000	1000	25713.75	-35.03	-13

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



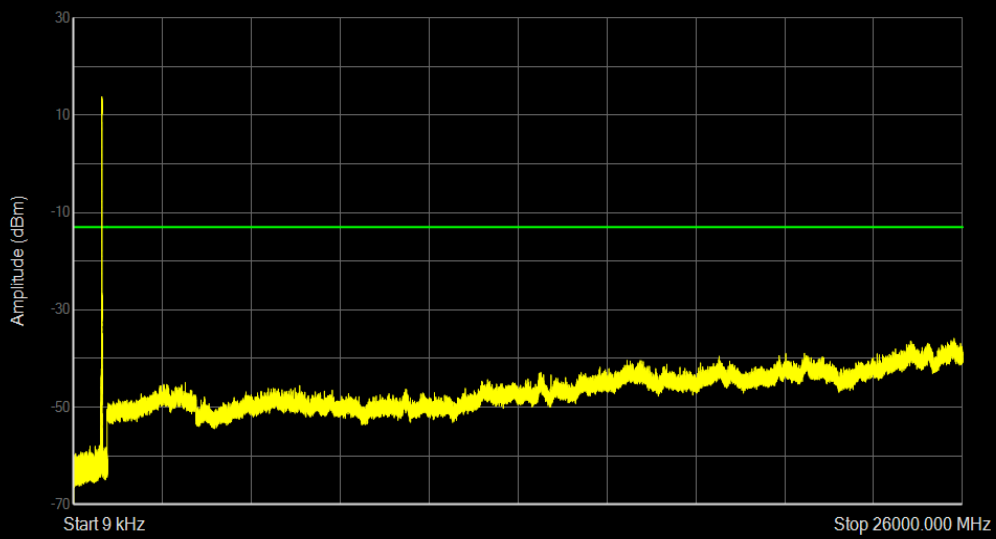
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-55.5	-13
2	0.15	30	10	0.15	-59.03	-13
3	30	1000	100	759.80375	-58.08	-13
4	1000	26000	1000	25658.125	-35.34	-13

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



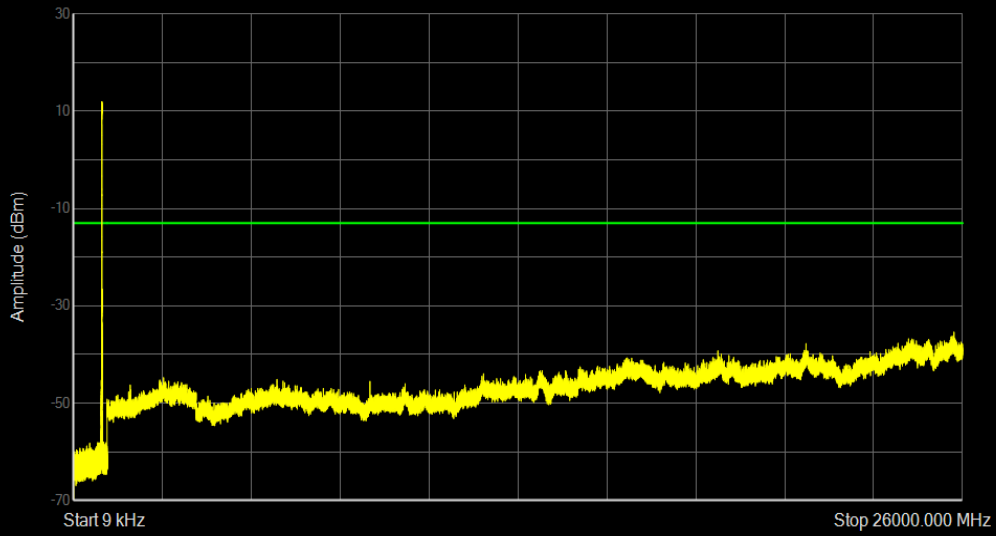
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0097755	-55.9	-13
2	0.15	30	10	0.158955	-58.3	-13
3	30	1000	100	888.838	-58.17	-13
4	1000	26000	1000	25701.875	-34.71	-13

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



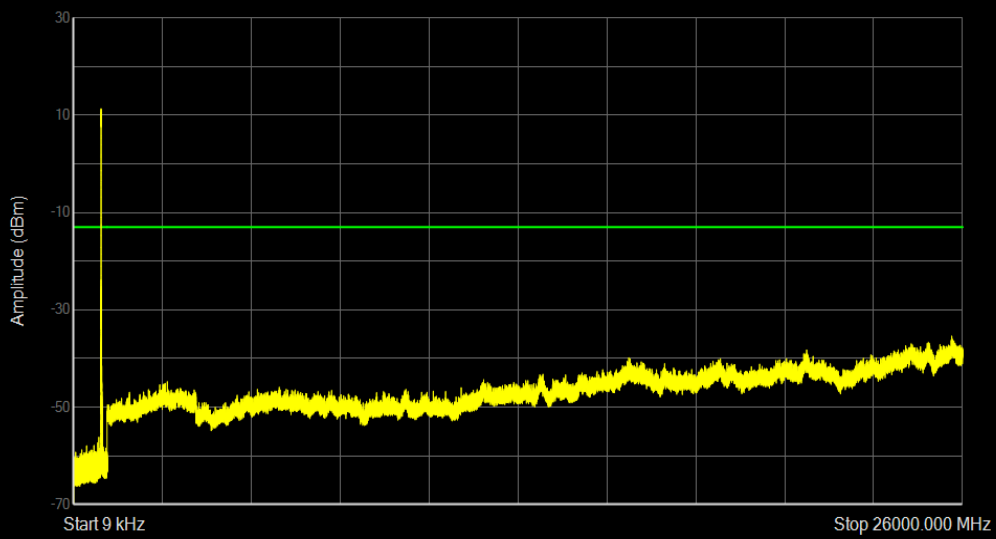
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-55.84	-13
2	0.15	30	10	0.158955	-58.89	-13
3	30	1000	100	775.51775	-57.91	-13
4	1000	26000	1000	25752.5	-35.88	-13

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



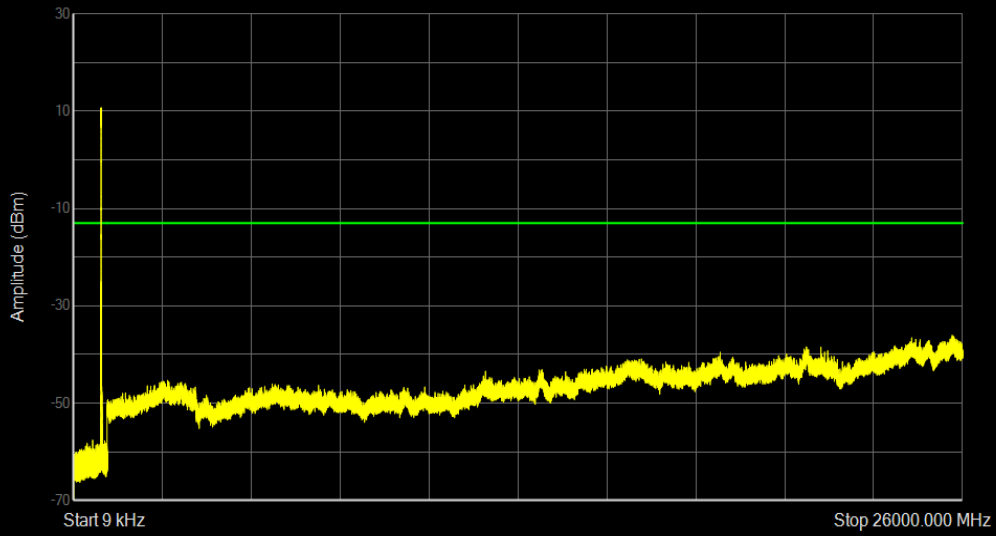
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011971575	-55.98	-13
2	0.15	30	10	0.1544775	-57.44	-13
3	30	1000	100	896.986	-58.01	-13
4	1000	26000	1000	25748.125	-35.39	-13

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



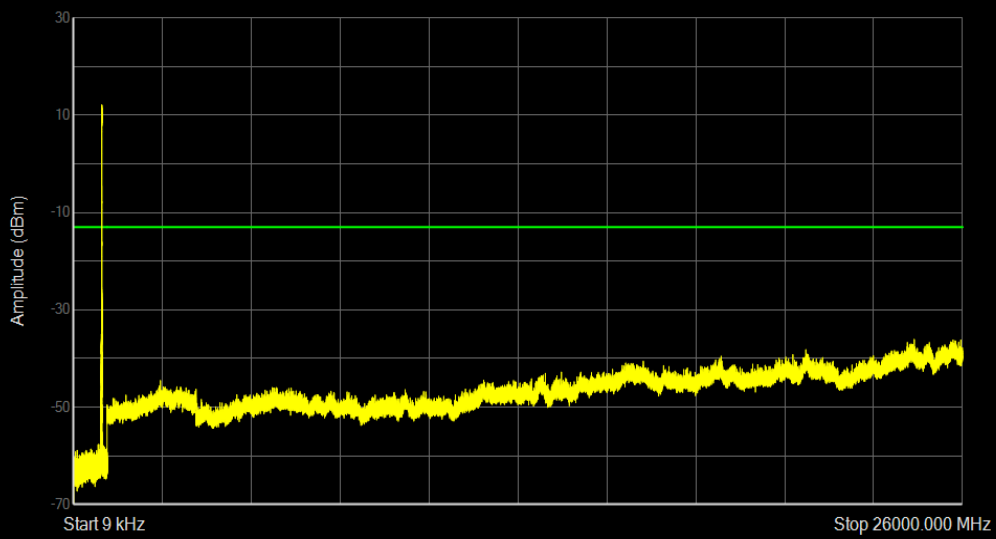
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009863625	-56.13	-13
2	0.15	30	10	0.1574625	-57.16	-13
3	30	1000	100	759.85225	-56.22	-13
4	1000	26000	1000	25683.125	-35.41	-13

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



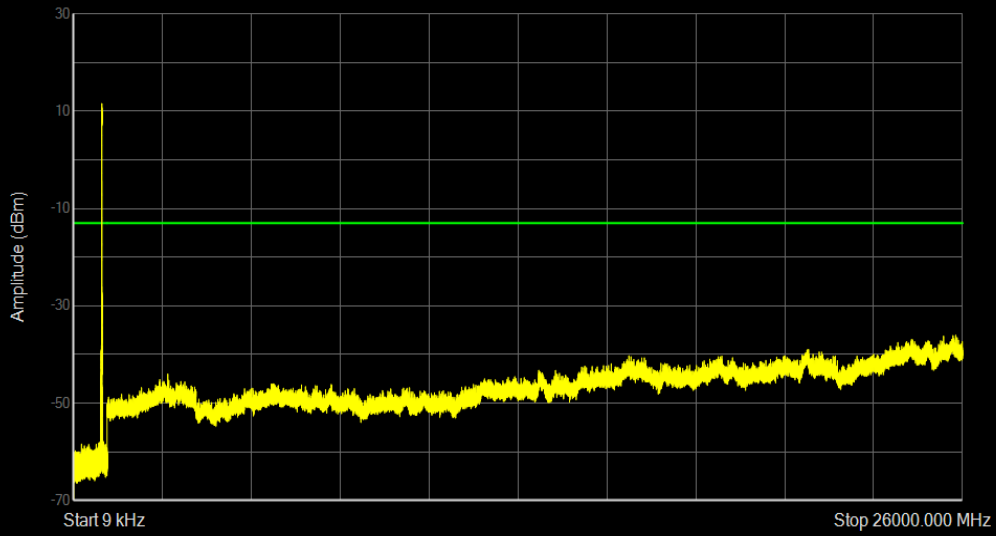
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094371	-55.53	-13
2	0.15	30	10	0.15373125	-57.71	-13
3	30	1000	100	578.46225	-57.63	-13
4	1000	26000	1000	25693.75	-36.08	-13

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



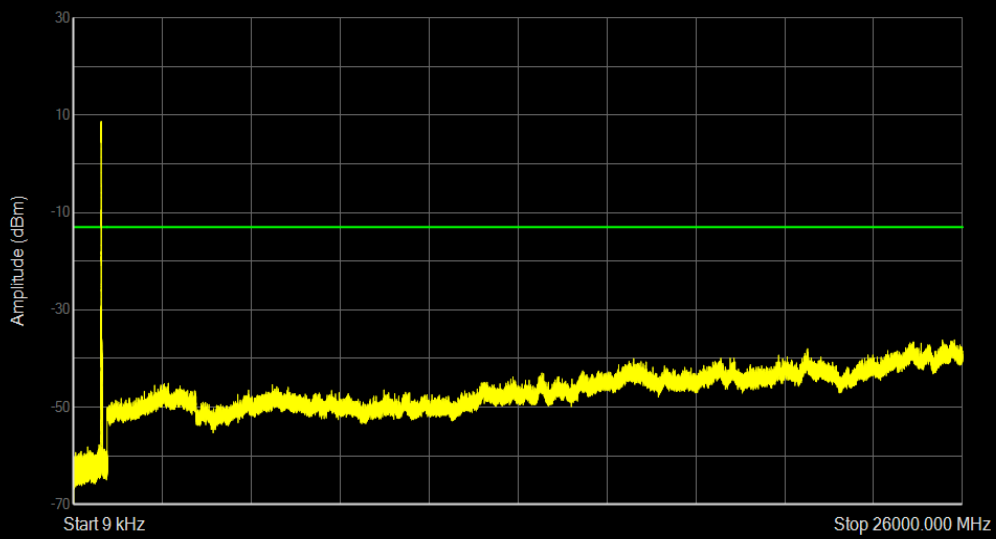
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00940185	-56.84	-13
2	0.15	30	10	0.152985	-58.36	-13
3	30	1000	100	741.27675	-57.68	-13
4	1000	26000	1000	24588.125	-36.08	-13

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



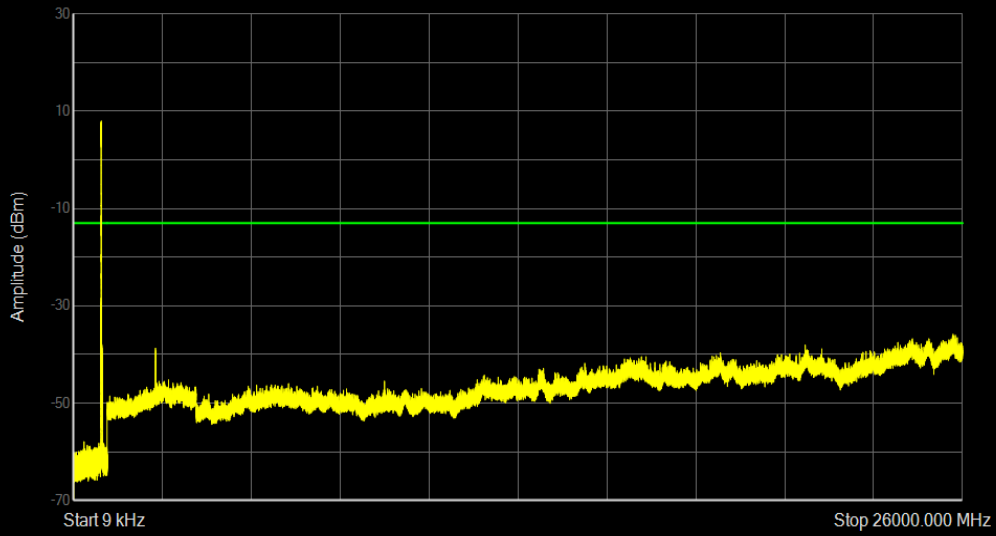
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00910575	-56.08	-13
2	0.15	30	10	0.1544775	-59.13	-13
3	30	1000	100	875.67025	-57.83	-13
4	1000	26000	1000	25800	-36.05	-13

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



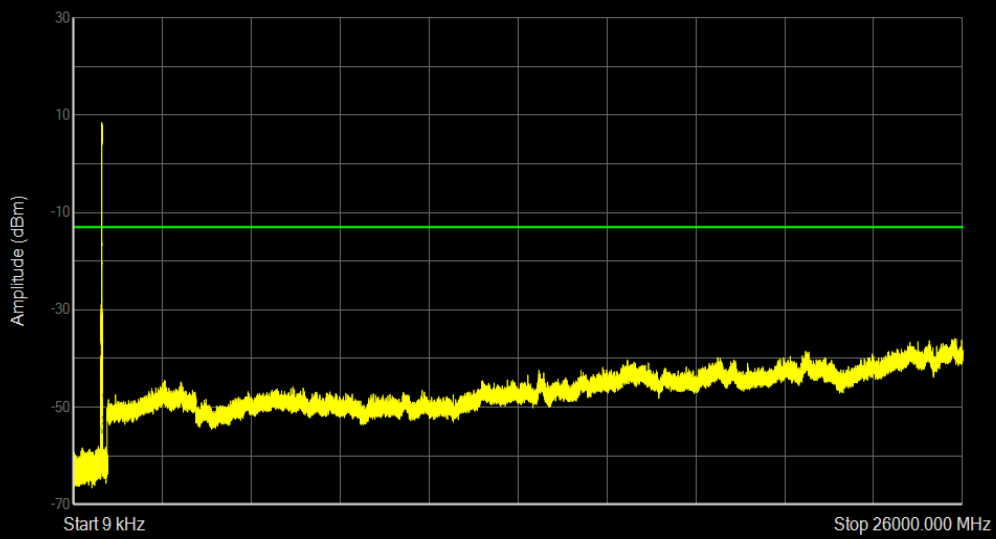
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00926085	-55.09	-13
2	0.15	30	10	0.15	-58.11	-13
3	30	1000	100	766.6665	-57.74	-13
4	1000	26000	1000	25762.5	-36.18	-13

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



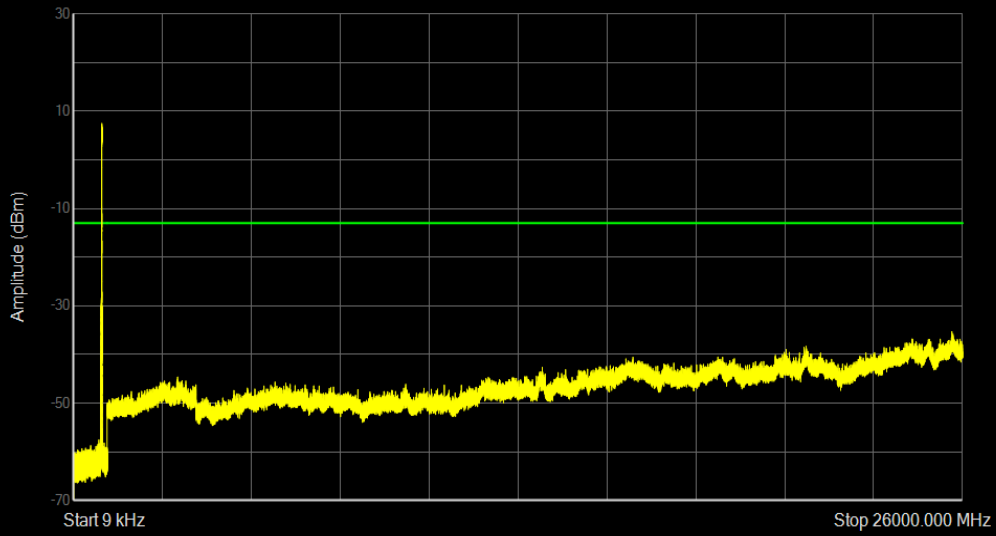
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009250275	-55.97	-13
2	0.15	30	10	0.15	-58.62	-13
3	30	1000	100	327.8385	-57.94	-13
4	1000	26000	1000	25722.5	-35.85	-13

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



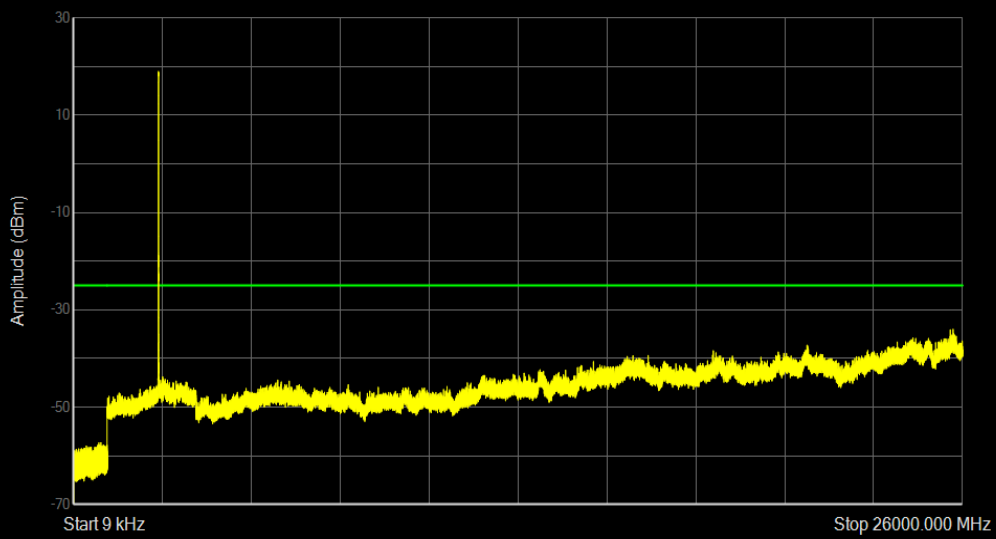
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010209075	-55.82	-13
2	0.15	30	10	0.15820875	-57.56	-13
3	30	1000	100	744.28375	-58.13	-13
4	1000	26000	1000	25767.5	-35.94	-13

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



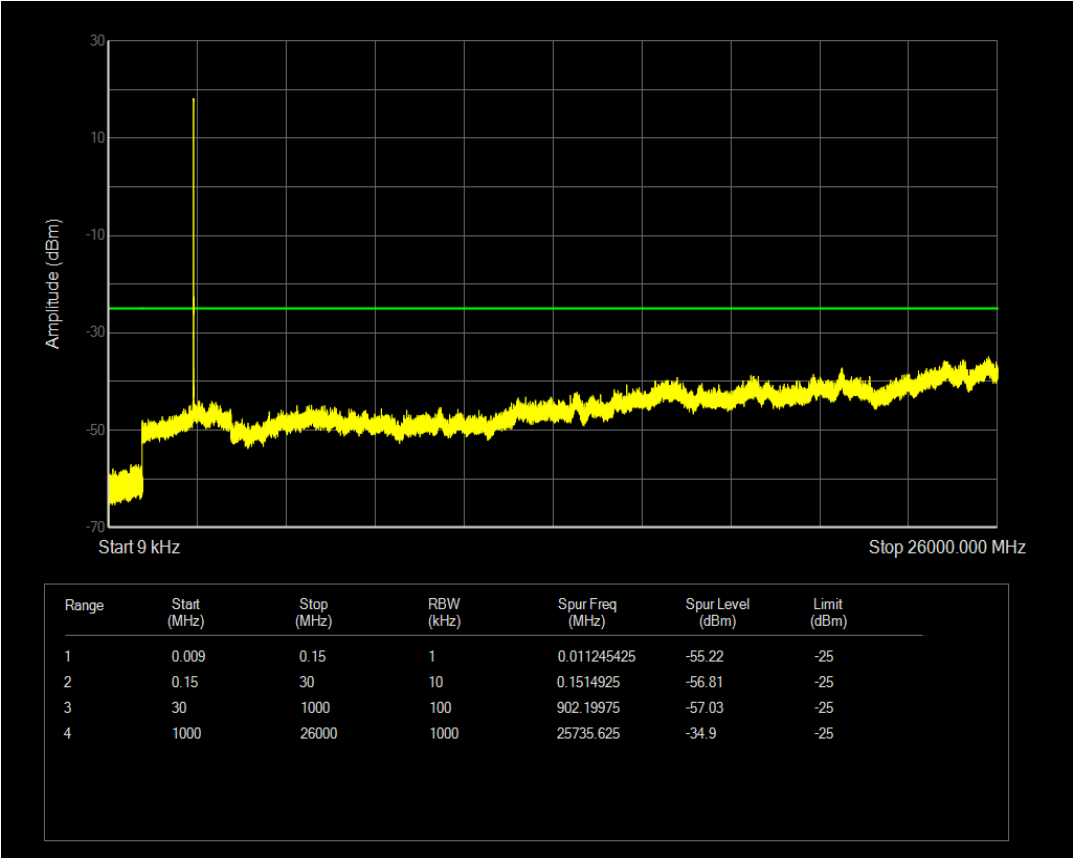
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-54.27	-13
2	0.15	30	10	0.15223875	-59.2	-13
3	30	1000	100	759.80375	-57.6	-13
4	1000	26000	1000	25686.25	-35.3	-13

Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0

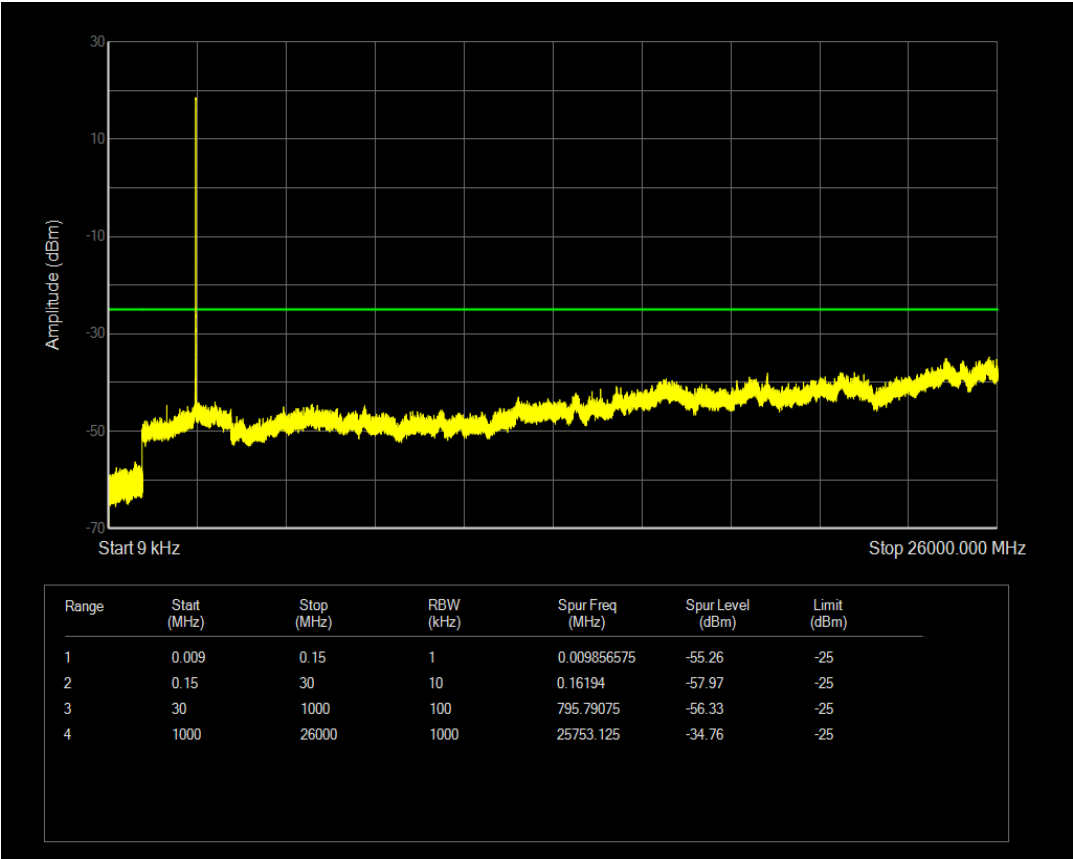


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094512	-55.33	-25
2	0.15	30	10	0.15373125	-55.67	-25
3	30	1000	100	820.3075	-57.31	-25
4	1000	26000	1000	25723.125	-34	-25

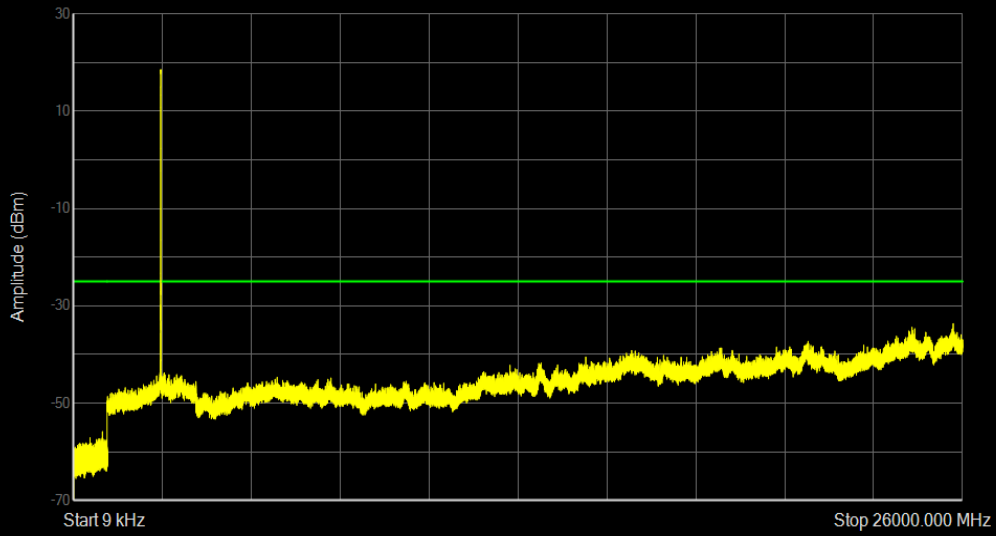
Band7 QAM16 BW=5MHz Channel=20775 RB Size=25 Position=#0



Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0

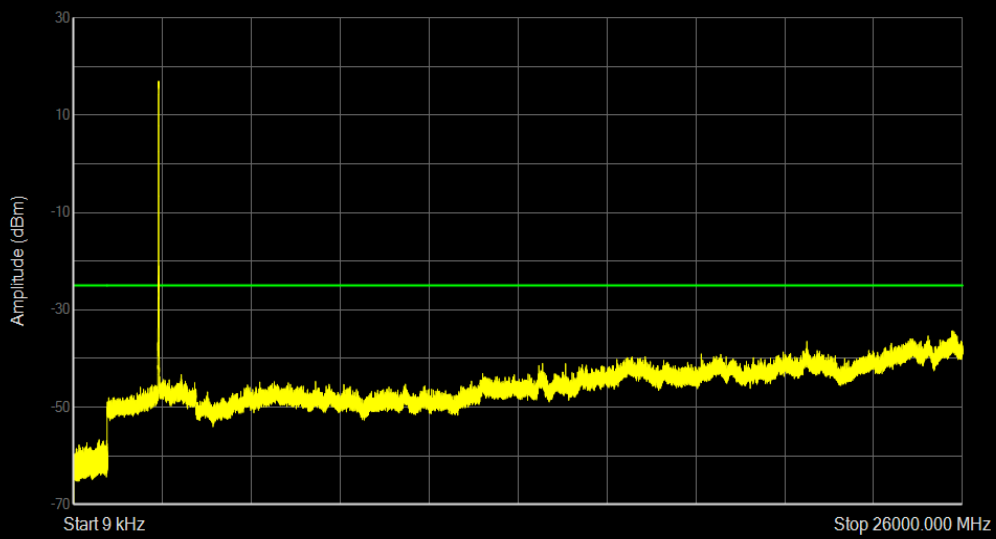


Band7 QAM16 BW=5MHz Channel=21425 RB Size=25 Position=#0



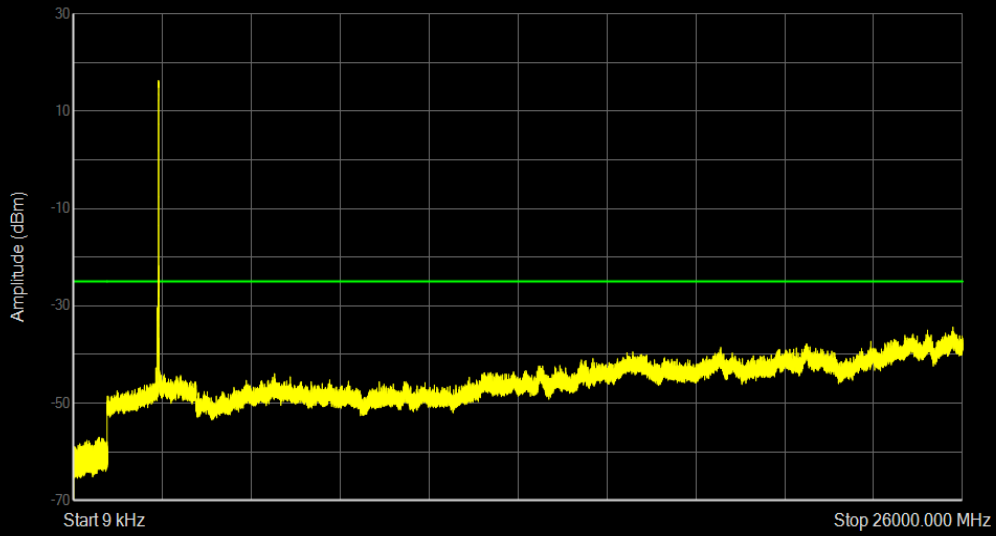
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009179775	-54	-25
2	0.15	30	10	0.152985	-55.99	-25
3	30	1000	100	865.00025	-55.85	-25
4	1000	26000	1000	25726.25	-33.66	-25

Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



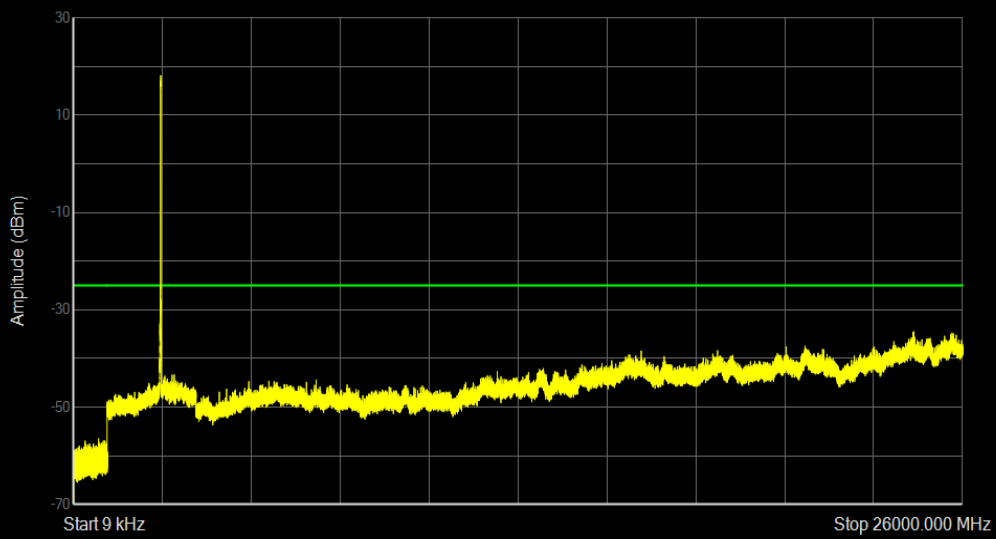
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009426525	-54.1	-25
2	0.15	30	10	0.15074625	-56.92	-25
3	30	1000	100	768.558	-56.7	-25
4	1000	26000	1000	25718.75	-34.32	-25

Band7 QAM16 BW=10MHz Channel=20800 RB Size=50 Position=#0



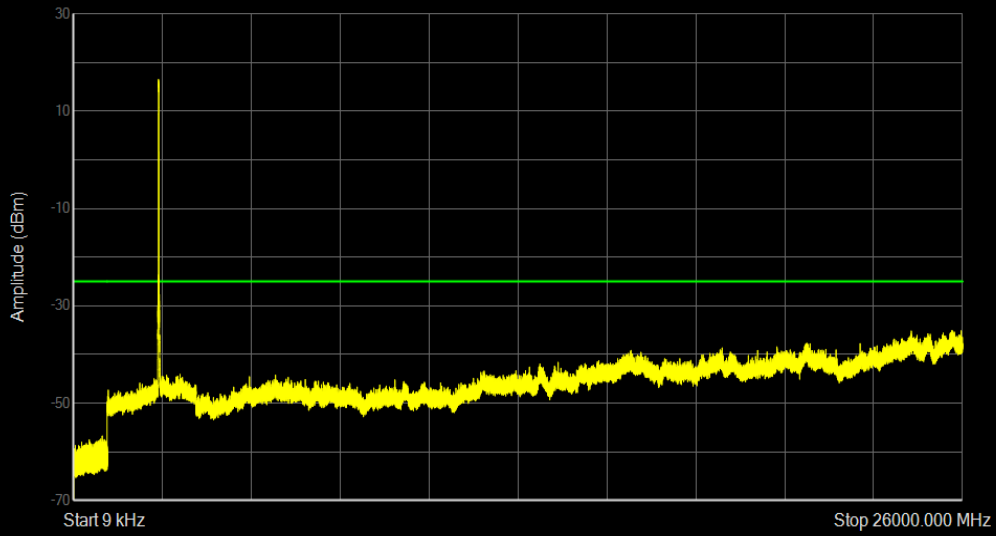
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009426525	-53.58	-25
2	0.15	30	10	0.15	-56.14	-25
3	30	1000	100	777.45775	-57.02	-25
4	1000	26000	1000	25719.375	-34.36	-25

Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



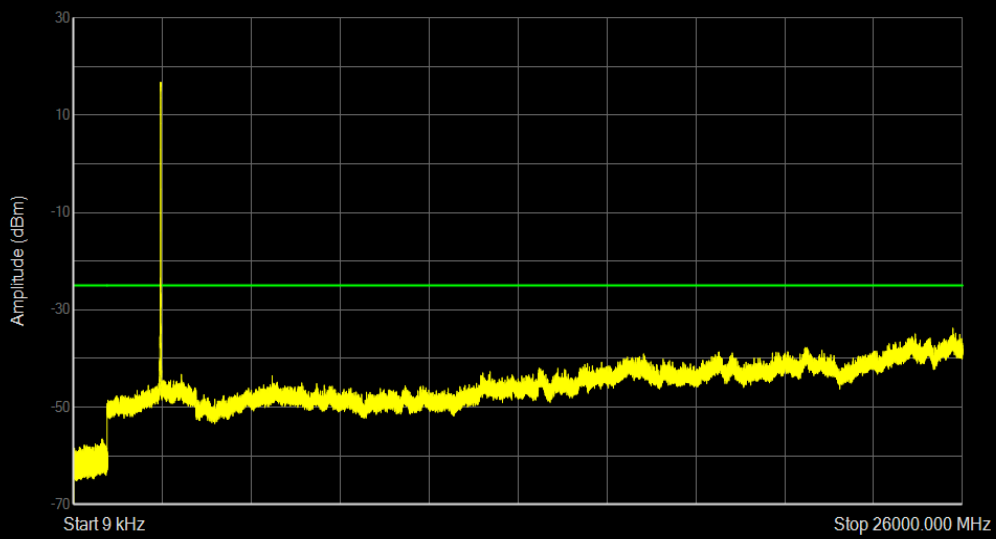
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013684725	-54.52	-25
2	0.15	30	10	0.1604475	-57.08	-25
3	30	1000	100	751.3405	-56.49	-25
4	1000	26000	1000	24579.375	-34.48	-25

Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



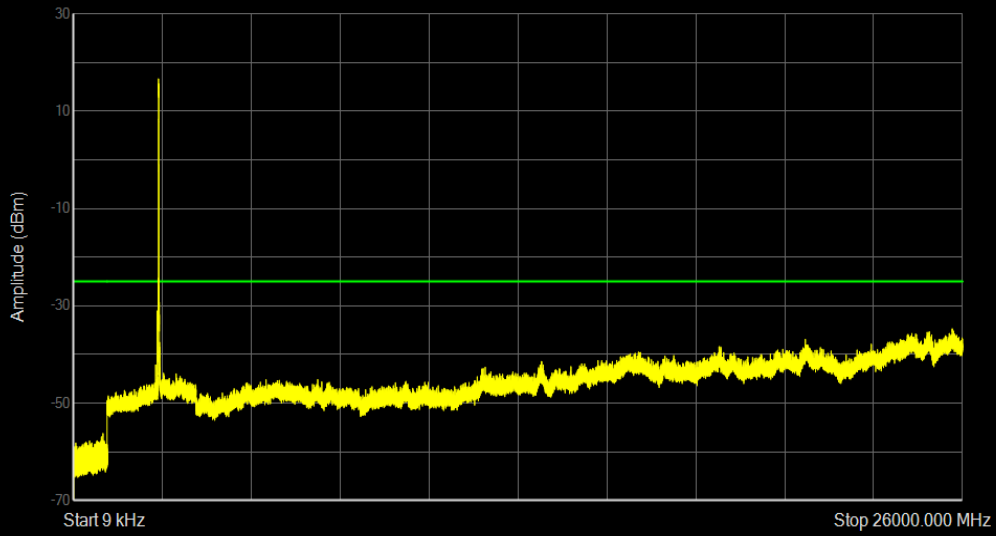
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009532275	-54.11	-25
2	0.15	30	10	0.15671625	-56.45	-25
3	30	1000	100	858.74375	-56.76	-25
4	1000	26000	1000	25685.625	-35.1	-25

Band7 QAM16 BW=10MHz Channel=21400 RB Size=50 Position=#0



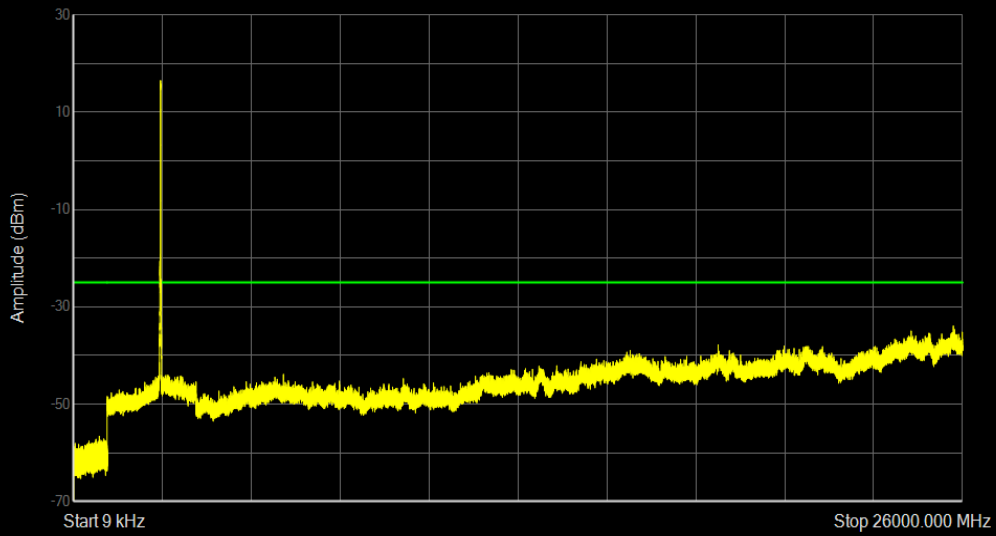
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0093384	-55.02	-25
2	0.15	30	10	0.15820875	-57.02	-25
3	30	1000	100	856.27025	-56.54	-25
4	1000	26000	1000	25716.875	-33.77	-25

Band7 QAM16 BW=15MHz Channel=20825 RB Size=75 Position=#0



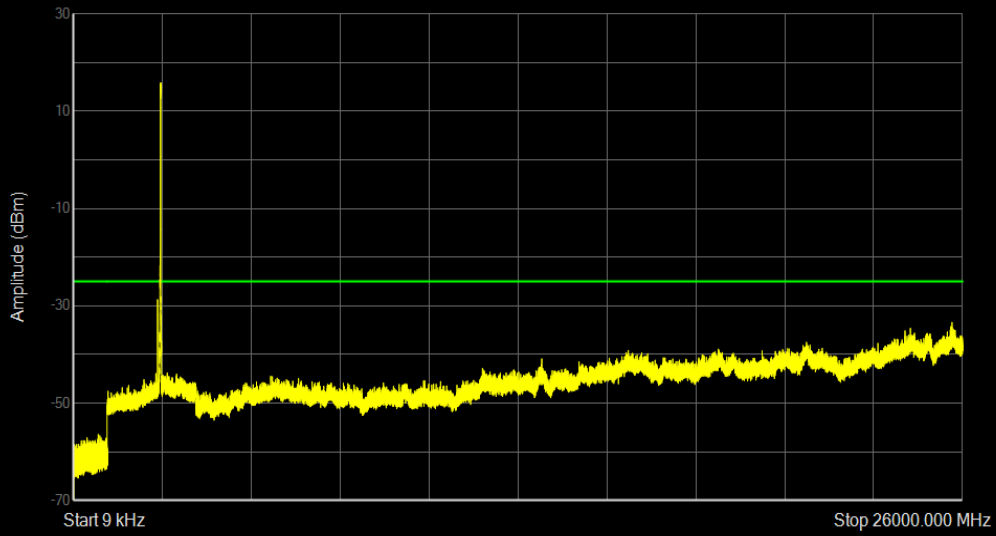
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009588675	-54.92	-25
2	0.15	30	10	0.15820875	-56.9	-25
3	30	1000	100	880.0595	-56.23	-25
4	1000	26000	1000	25698.125	-34.72	-25

Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



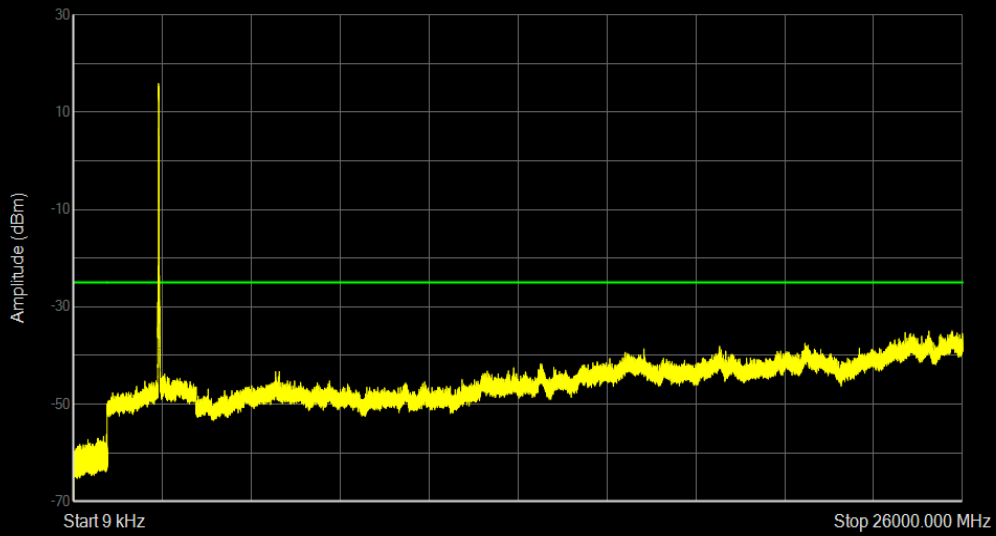
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092115	-53.31	-25
2	0.15	30	10	0.16119375	-56.66	-25
3	30	1000	100	772.60775	-56.61	-25
4	1000	26000	1000	25729.375	-33.93	-25

Band7 QAM16 BW=15MHz Channel=21375 RB Size=75 Position=#0



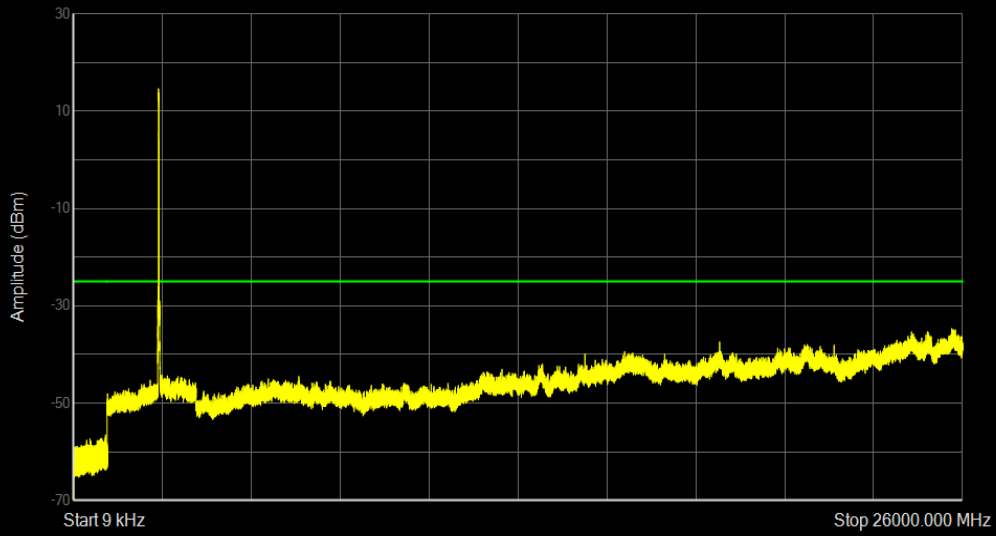
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009017625	-54.06	-25
2	0.15	30	10	0.15373125	-57.49	-25
3	30	1000	100	743.26525	-56.45	-25
4	1000	26000	1000	25691.25	-33.41	-25

Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



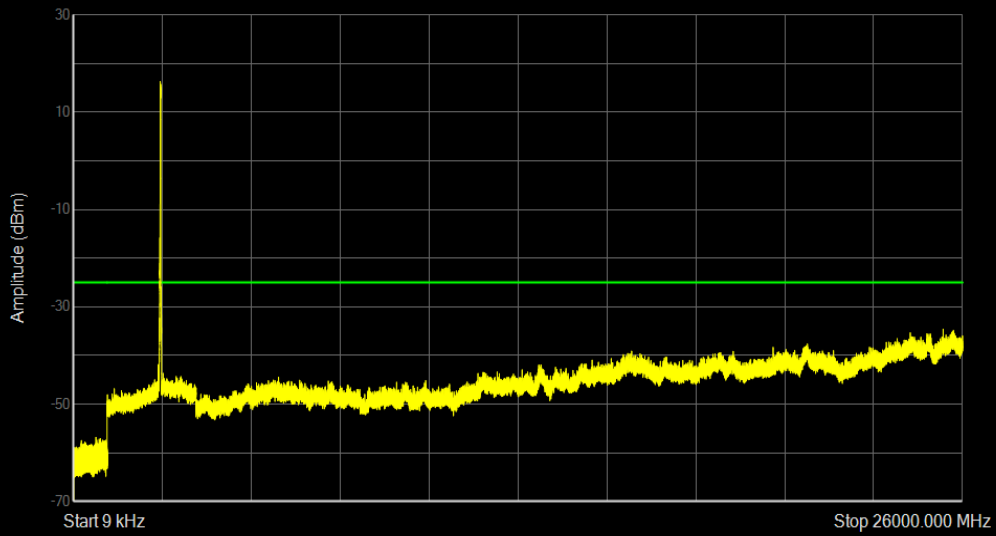
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096486	-54.88	-25
2	0.15	30	10	0.15970125	-58.17	-25
3	30	1000	100	983.1705	-56.24	-25
4	1000	26000	1000	25695	-34.94	-25

Band7 QAM16 BW=20MHz Channel=20850 RB Size=100 Position=#0



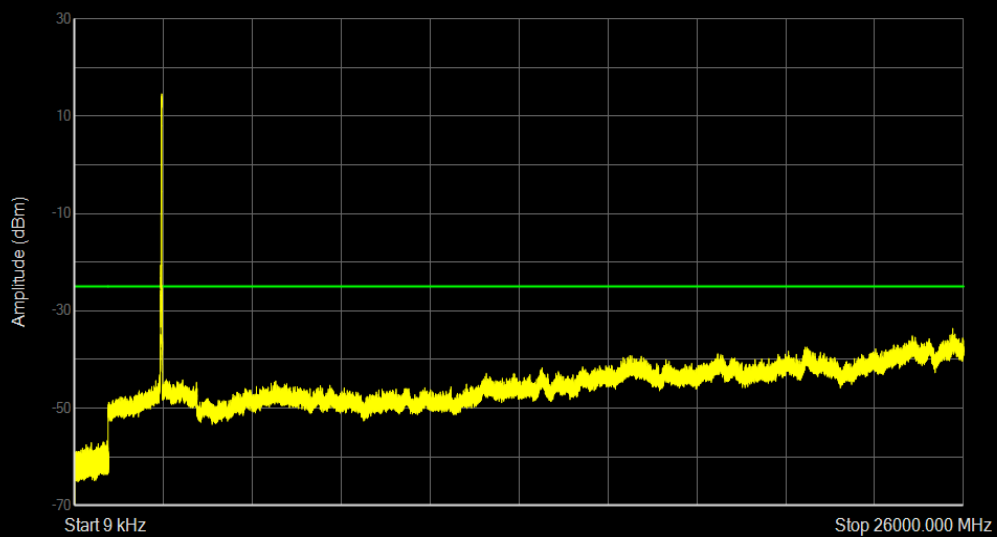
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094653	-54.77	-25
2	0.15	30	10	0.15373125	-56.93	-25
3	30	1000	100	955.98625	-56.56	-25
4	1000	26000	1000	25684.375	-34.67	-25

Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011435775	-53.44	-25
2	0.15	30	10	0.158955	-57.34	-25
3	30	1000	100	673.013	-56.85	-25
4	1000	26000	1000	25433.125	-34.59	-25

Band7 QAM16 BW=20MHz Channel=21350 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096486	-54.19	-25
2	0.15	30	10	0.164925	-57.63	-25
3	30	1000	100	975.04675	-56.75	-25
4	1000	26000	1000	25683.75	-33.61	-25

Appendix F: Frequency Stability

Band 5

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.79	-0.000958	± 2.5	PASS
		VN	TN	4.56	0.005529	± 2.5	PASS
		VH	TN	-0.45	-0.000546	± 2.5	PASS
	MCH	VL	TN	0.93	0.001112	± 2.5	PASS
		VN	TN	4.87	0.005822	± 2.5	PASS
		VH	TN	0.3	0.000359	± 2.5	PASS
	HCH	VL	TN	2.07	0.002440	± 2.5	PASS
		VN	TN	0.73	0.000861	± 2.5	PASS
		VH	TN	2.26	0.002664	± 2.5	PASS
16QAM	LCH	VL	TN	0.42	0.000509	± 2.5	PASS
		VN	TN	-0.25	-0.000303	± 2.5	PASS
		VH	TN	3.46	0.004195	± 2.5	PASS
	MCH	VL	TN	1.43	0.001710	± 2.5	PASS
		VN	TN	-1.33	-0.001590	± 2.5	PASS
		VH	TN	-0.99	-0.001184	± 2.5	PASS
	HCH	VL	TN	3.47	0.004091	± 2.5	PASS
		VN	TN	2.37	0.002794	± 2.5	PASS
		VH	TN	4.3	0.005069	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.15	0.003820	± 2.5	PASS
		VN	-20	0.31	0.000376	± 2.5	PASS
		VN	-10	2.23	0.002704	± 2.5	PASS
		VN	0	1.53	0.001855	± 2.5	PASS
		VN	10	2.98	0.003613	± 2.5	PASS
		VN	20	4.44	0.005384	± 2.5	PASS
		VN	30	1.63	0.001976	± 2.5	PASS
		VN	40	4.27	0.005178	± 2.5	PASS
		VN	50	2.51	0.003044	± 2.5	PASS
	MCH	VN	-30	-1.1	-0.001315	± 2.5	PASS
		VN	-20	3.82	0.004567	± 2.5	PASS
		VN	-10	-0.8	-0.000956	± 2.5	PASS
		VN	0	4.11	0.004913	± 2.5	PASS
		VN	10	4.14	0.004949	± 2.5	PASS
		VN	20	4.13	0.004937	± 2.5	PASS
		VN	30	-0.81	-0.000968	± 2.5	PASS
		VN	40	-1.19	-0.001423	± 2.5	PASS
		VN	50	4.55	0.005439	± 2.5	PASS
	HCH	VN	-30	2.79	0.003289	± 2.5	PASS
		VN	-20	-0.81	-0.000955	± 2.5	PASS
VN		-10	-1.34	-0.001580	± 2.5	PASS	
VN		0	-1.31	-0.001544	± 2.5	PASS	

16QAM		VN	10	4.83	0.005694	± 2.5	PASS
		VN	20	0.36	0.000424	± 2.5	PASS
		VN	30	4.24	0.004998	± 2.5	PASS
		VN	40	4.8	0.005658	± 2.5	PASS
		VN	50	4.1	0.004833	± 2.5	PASS
	LCH	VN	-30	-0.07	-0.000085	± 2.5	PASS
		VN	-20	0.5	0.000606	± 2.5	PASS
		VN	-10	-0.66	-0.000800	± 2.5	PASS
		VN	0	2.99	0.003626	± 2.5	PASS
		VN	10	3.84	0.004656	± 2.5	PASS
		VN	20	4.82	0.005845	± 2.5	PASS
		VN	30	-1.81	-0.002195	± 2.5	PASS
		VN	40	4.34	0.005263	± 2.5	PASS
		VN	50	0.83	0.001006	± 2.5	PASS
	MCH	VN	-30	0.31	0.000365	± 2.5	PASS
		VN	-20	3.53	0.004161	± 2.5	PASS
		VN	-10	4.93	0.005812	± 2.5	PASS
		VN	0	0.92	0.001085	± 2.5	PASS
		VN	10	4	0.004715	± 2.5	PASS
		VN	20	-0.65	-0.000766	± 2.5	PASS
		VN	30	2.22	0.002617	± 2.5	PASS
		VN	40	0.91	0.001073	± 2.5	PASS
		VN	50	2.21	0.002605	± 2.5	PASS
	HCH	VN	-30	3.06	0.003607	± 2.5	PASS
		VN	-20	3.29	0.003878	± 2.5	PASS
		VN	-10	-0.44	-0.000519	± 2.5	PASS
		VN	0	1.99	0.002346	± 2.5	PASS
		VN	10	2.57	0.003030	± 2.5	PASS
		VN	20	0.7	0.000825	± 2.5	PASS
		VN	30	0.7	0.000825	± 2.5	PASS
		VN	40	-1.63	-0.001921	± 2.5	PASS
		VN	50	4.39	0.005175	± 2.5	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	0.44	0.000533	± 2.5	PASS
		VN	TN	4.49	0.005439	± 2.5	PASS
		VH	TN	-1.39	-0.001684	± 2.5	PASS
	MCH	VL	TN	2.71	0.003240	± 2.5	PASS
		VN	TN	-0.23	-0.000275	± 2.5	PASS
		VH	TN	1.77	0.002116	± 2.5	PASS
	HCH	VL	TN	4.82	0.005687	± 2.5	PASS
		VN	TN	-0.63	-0.000743	± 2.5	PASS
		VH	TN	3.96	0.004673	± 2.5	PASS
16QAM		VL	TN	1.83	0.002217	± 2.5	PASS
		VN	TN	0.37	0.000448	± 2.5	PASS

	LCH	VH	TN	-1.07	-0.001296	± 2.5	PASS
	MCH	VL	TN	0.56	0.000669	± 2.5	PASS
		VN	TN	4.68	0.005595	± 2.5	PASS
		VH	TN	-1.43	-0.001710	± 2.5	PASS
	HCH	VL	TN	2.99	0.003528	± 2.5	PASS
		VN	TN	1.57	0.001853	± 2.5	PASS
		VH	TN	1.45	0.001711	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.91	0.004737	± 2.5	PASS
		VN	-20	2.81	0.003404	± 2.5	PASS
		VN	-10	4.03	0.004882	± 2.5	PASS
		VN	0	3.31	0.004010	± 2.5	PASS
		VN	10	-0.14	-0.000170	± 2.5	PASS
		VN	20	-0.59	-0.000715	± 2.5	PASS
		VN	30	4.47	0.005415	± 2.5	PASS
		VN	40	1.81	0.002193	± 2.5	PASS
		VN	50	3.92	0.004749	± 2.5	PASS
	MCH	VN	-30	1.12	0.001339	± 2.5	PASS
		VN	-20	1.26	0.001506	± 2.5	PASS
		VN	-10	4.24	0.005069	± 2.5	PASS
		VN	0	4.13	0.004937	± 2.5	PASS
		VN	10	1.39	0.001662	± 2.5	PASS
		VN	20	-1.65	-0.001973	± 2.5	PASS
		VN	30	0.59	0.000705	± 2.5	PASS
		VN	40	4.64	0.005547	± 2.5	PASS
		VN	50	3.37	0.004029	± 2.5	PASS
	HCH	VN	-30	2.38	0.002808	± 2.5	PASS
		VN	-20	0.64	0.000755	± 2.5	PASS
		VN	-10	-0.83	-0.000979	± 2.5	PASS
		VN	0	2.74	0.003233	± 2.5	PASS
		VN	10	-0.76	-0.000897	± 2.5	PASS
		VN	20	2.37	0.002796	± 2.5	PASS
		VN	30	4.32	0.005097	± 2.5	PASS
		VN	40	-1.07	-0.001263	± 2.5	PASS
		VN	50	3.3	0.003894	± 2.5	PASS
16QAM	LCH	VN	-30	4.67	0.005583	± 2.5	PASS
		VN	-20	1.42	0.001698	± 2.5	PASS
		VN	-10	2.26	0.002702	± 2.5	PASS
		VN	0	0.15	0.000179	± 2.5	PASS
		VN	10	2.9	0.003467	± 2.5	PASS
		VN	20	2.7	0.003228	± 2.5	PASS
		VN	30	0.54	0.000646	± 2.5	PASS
		VN	40	1.1	0.001315	± 2.5	PASS
		VN	50	4.04	0.004830	± 2.5	PASS
	MCH	VN	-30	-0.24	-0.000283	± 2.5	PASS
		VN	-20	1.38	0.001628	± 2.5	PASS
		VN	-10	4.49	0.005298	± 2.5	PASS
		VN	0	-1.46	-0.001723	± 2.5	PASS
		VN	10	2.17	0.002560	± 2.5	PASS

	HCH	VN	20	-1.51	-0.001782	± 2.5	PASS
		VN	30	-0.55	-0.000649	± 2.5	PASS
		VN	40	2.63	0.003103	± 2.5	PASS
		VN	50	4.44	0.005239	± 2.5	PASS
		VN	-30	0.55	0.000649	± 2.5	PASS
		VN	-20	-1.12	-0.001322	± 2.5	PASS
		VN	-10	1.97	0.002324	± 2.5	PASS
		VN	0	-1.58	-0.001864	± 2.5	PASS
		VN	10	4.77	0.005628	± 2.5	PASS
		VN	20	4.35	0.005133	± 2.5	PASS
		VN	30	0.63	0.000743	± 2.5	PASS
		VN	40	1.15	0.001357	± 2.5	PASS
		VN	50	-1.58	-0.001864	± 2.5	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	4.15	0.005021	± 2.5	PASS
		VN	TN	-0.94	-0.001137	± 2.5	PASS
		VH	TN	0.14	0.000169	± 2.5	PASS
	MCH	VL	TN	-1.83	-0.002188	± 2.5	PASS
		VN	TN	2.83	0.003383	± 2.5	PASS
		VH	TN	-0.92	-0.001100	± 2.5	PASS
	HCH	VL	TN	-1.74	-0.002056	± 2.5	PASS
		VN	TN	2.43	0.002871	± 2.5	PASS
		VH	TN	4.01	0.004737	± 2.5	PASS
16QAM	LCH	VL	TN	-0.18	-0.000218	± 2.5	PASS
		VN	TN	2.17	0.002626	± 2.5	PASS
		VH	TN	3.62	0.004380	± 2.5	PASS
	MCH	VL	TN	4.85	0.005798	± 2.5	PASS
		VN	TN	2.58	0.003084	± 2.5	PASS
		VH	TN	1.97	0.002355	± 2.5	PASS
	HCH	VL	TN	-1.95	-0.002304	± 2.5	PASS
		VN	TN	1.87	0.002209	± 2.5	PASS
		VH	TN	-0.14	-0.000165	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.5	0.000605	± 2.5	PASS
		VN	-20	-1.84	-0.002226	± 2.5	PASS
		VN	-10	4.28	0.005178	± 2.5	PASS
		VN	0	3.94	0.004767	± 2.5	PASS
		VN	10	-1.77	-0.002142	± 2.5	PASS
		VN	20	1.46	0.001766	± 2.5	PASS
		VN	30	0.55	0.000665	± 2.5	PASS
		VN	40	-1.26	-0.001525	± 2.5	PASS
		VN	50	0.69	0.000835	± 2.5	PASS
	MCH	VN	-30	0.82	0.000980	± 2.5	PASS
		VN	-20	0.06	0.000072	± 2.5	PASS

		VN	-10	0.27	0.000323	± 2.5	PASS
		VN	0	0.65	0.000777	± 2.5	PASS
		VN	10	1.86	0.002224	± 2.5	PASS
		VN	20	2.51	0.003001	± 2.5	PASS
		VN	30	1.23	0.001470	± 2.5	PASS
		VN	40	3.33	0.003981	± 2.5	PASS
		VN	50	4.71	0.005631	± 2.5	PASS
	HCH	VN	-30	1.21	0.001429	± 2.5	PASS
		VN	-20	-1.14	-0.001347	± 2.5	PASS
		VN	-10	2.14	0.002528	± 2.5	PASS
		VN	0	0.52	0.000614	± 2.5	PASS
		VN	10	3.7	0.004371	± 2.5	PASS
		VN	20	1.41	0.001666	± 2.5	PASS
		VN	30	1.57	0.001855	± 2.5	PASS
		VN	40	0.98	0.001158	± 2.5	PASS
		VN	50	2	0.002363	± 2.5	PASS
16QAM	LCH	VN	-30	-0.95	-0.001136	± 2.5	PASS
		VN	-20	1.75	0.002092	± 2.5	PASS
		VN	-10	3.64	0.004351	± 2.5	PASS
		VN	0	3.63	0.004340	± 2.5	PASS
		VN	10	2.92	0.003491	± 2.5	PASS
		VN	20	-1.73	-0.002068	± 2.5	PASS
		VN	30	0.3	0.000359	± 2.5	PASS
		VN	40	0.59	0.000705	± 2.5	PASS
		VN	50	3.91	0.004674	± 2.5	PASS
	MCH	VN	-30	1.18	0.001394	± 2.5	PASS
		VN	-20	-0.16	-0.000189	± 2.5	PASS
		VN	-10	1.85	0.002185	± 2.5	PASS
		VN	0	2.52	0.002977	± 2.5	PASS
		VN	10	3.7	0.004371	± 2.5	PASS
		VN	20	4.91	0.005800	± 2.5	PASS
		VN	30	2.56	0.003024	± 2.5	PASS
		VN	40	1.79	0.002115	± 2.5	PASS
		VN	50	-0.68	-0.000803	± 2.5	PASS
	HCH	VN	-30	2.4	0.002835	± 2.5	PASS
		VN	-20	2.18	0.002575	± 2.5	PASS
		VN	-10	3.96	0.004678	± 2.5	PASS
		VN	0	-1.7	-0.002008	± 2.5	PASS
		VN	10	-0.88	-0.001040	± 2.5	PASS
		VN	20	-1.91	-0.002256	± 2.5	PASS
		VN	30	-0.26	-0.000307	± 2.5	PASS
		VN	40	-1.65	-0.001949	± 2.5	PASS
		VN	50	-0.74	-0.000874	± 2.5	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK		VL	TN	3.09	0.003727	± 2.5	PASS
		VN	TN	0.26	0.000314	± 2.5	PASS

	LCH	VH	TN	1.87	0.002256	± 2.5	PASS	
	MCH	VL	TN	3.44	0.004112	± 2.5	PASS	
		VN	TN	-0.72	-0.000861	± 2.5	PASS	
		VH	TN	2.16	0.002582	± 2.5	PASS	
	HCH	VL	TN	-1.59	-0.001884	± 2.5	PASS	
		VN	TN	0.09	0.000107	± 2.5	PASS	
		VH	TN	1.92	0.002275	± 2.5	PASS	
	16QAM	LCH	VL	TN	-0.36	-0.000434	± 2.5	PASS
			VN	TN	2.81	0.003390	± 2.5	PASS
VH			TN	-1.96	-0.002364	± 2.5	PASS	
MCH		VL	TN	0.54	0.000646	± 2.5	PASS	
		VN	TN	4.58	0.005475	± 2.5	PASS	
		VH	TN	-0.38	-0.000454	± 2.5	PASS	
HCH		VL	TN	-0.65	-0.000770	± 2.5	PASS	
		VN	TN	0.06	0.000071	± 2.5	PASS	
		VH	TN	2.32	0.002749	± 2.5	PASS	
Temperature								
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict	
QPSK	LCH	VN	-30	1.03	0.001242	± 2.5	PASS	
		VN	-20	0.15	0.000181	± 2.5	PASS	
		VN	-10	-0.18	-0.000217	± 2.5	PASS	
		VN	0	-1.16	-0.001399	± 2.5	PASS	
		VN	10	0.93	0.001122	± 2.5	PASS	
		VN	20	2.43	0.002931	± 2.5	PASS	
		VN	30	3.11	0.003752	± 2.5	PASS	
		VN	40	3.24	0.003908	± 2.5	PASS	
		VN	50	-1	-0.001206	± 2.5	PASS	
	MCH	VN	-30	1.42	0.001698	± 2.5	PASS	
		VN	-20	2.43	0.002905	± 2.5	PASS	
		VN	-10	4.66	0.005571	± 2.5	PASS	
		VN	0	3.24	0.003873	± 2.5	PASS	
		VN	10	3.38	0.004041	± 2.5	PASS	
		VN	20	-1.85	-0.002212	± 2.5	PASS	
		VN	30	0.42	0.000502	± 2.5	PASS	
		VN	40	1.03	0.001231	± 2.5	PASS	
		VN	50	0.56	0.000669	± 2.5	PASS	
	HCH	VN	-30	-0.49	-0.000581	± 2.5	PASS	
		VN	-20	4.79	0.005675	± 2.5	PASS	
		VN	-10	3.78	0.004479	± 2.5	PASS	
		VN	0	3.02	0.003578	± 2.5	PASS	
		VN	10	1.11	0.001315	± 2.5	PASS	
		VN	20	0.52	0.000616	± 2.5	PASS	
		VN	30	2.84	0.003365	± 2.5	PASS	
		VN	40	2.74	0.003246	± 2.5	PASS	
		VN	50	1.27	0.001505	± 2.5	PASS	
16QAM	LCH	VN	-30	-1.76	-0.002104	± 2.5	PASS	
		VN	-20	-1.92	-0.002295	± 2.5	PASS	
		VN	-10	1.3	0.001554	± 2.5	PASS	
		VN	0	4.36	0.005212	± 2.5	PASS	
		VN	10	2.16	0.002582	± 2.5	PASS	

	MCH	VN	20	0.82	0.000980	± 2.5	PASS
		VN	30	3.83	0.004579	± 2.5	PASS
		VN	40	1.44	0.001721	± 2.5	PASS
		VN	50	-1.84	-0.002200	± 2.5	PASS
		VN	-30	3.33	0.003945	± 2.5	PASS
		VN	-20	2.23	0.002642	± 2.5	PASS
		VN	-10	0.82	0.000972	± 2.5	PASS
		VN	0	3.22	0.003815	± 2.5	PASS
		VN	10	-1.76	-0.002085	± 2.5	PASS
		VN	20	4.1	0.004858	± 2.5	PASS
		VN	30	0.83	0.000983	± 2.5	PASS
		VN	40	-0.03	-0.000036	± 2.5	PASS
	HCH	VN	50	0.58	0.000687	± 2.5	PASS
		VN	-30	4.13	0.004893	± 2.5	PASS
		VN	-20	3.09	0.003661	± 2.5	PASS
		VN	-10	-1.7	-0.002014	± 2.5	PASS
		VN	0	0.65	0.000770	± 2.5	PASS
		VN	10	4.02	0.004763	± 2.5	PASS
		VN	20	-1.96	-0.002322	± 2.5	PASS
		VN	30	-1.76	-0.002085	± 2.5	PASS
		VN	40	-1.71	-0.002026	± 2.5	PASS
		VN	50	2.85	0.003377	± 2.5	PASS

Band 7

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	4.42	0.002388	± 2.5	PASS
		VN	TN	-0.6	-0.000324	± 2.5	PASS
		VH	TN	-1.09	-0.000589	± 2.5	PASS
	MCH	VL	TN	4.74	0.002518	± 2.5	PASS
		VN	TN	0.77	0.000409	± 2.5	PASS
		VH	TN	-0.94	-0.000499	± 2.5	PASS
	HCH	VL	TN	3.09	0.001614	± 2.5	PASS
		VN	TN	4.89	0.002554	± 2.5	PASS
		VH	TN	2.78	0.001452	± 2.5	PASS
16QAM	LCH	VL	TN	-1.83	-0.000989	± 2.5	PASS
		VN	TN	1.67	0.000902	± 2.5	PASS
		VH	TN	-1.66	-0.000897	± 2.5	PASS
	MCH	VL	TN	4.26	0.002263	± 2.5	PASS
		VN	TN	-0.49	-0.000260	± 2.5	PASS
		VH	TN	4.24	0.002252	± 2.5	PASS
	HCH	VL	TN	-0.96	-0.000503	± 2.5	PASS
		VN	TN	-0.5	-0.000262	± 2.5	PASS
		VH	TN	3.92	0.002053	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

QPSK	LCH	VN	-30	-1.63	-0.000881	± 2.5	PASS
		VN	-20	2.09	0.001129	± 2.5	PASS
		VN	-10	-1.18	-0.000638	± 2.5	PASS
		VN	0	0.22	0.000119	± 2.5	PASS
		VN	10	1.48	0.000800	± 2.5	PASS
		VN	20	-1.97	-0.001064	± 2.5	PASS
		VN	30	2.22	0.001200	± 2.5	PASS
		VN	40	3.81	0.002059	± 2.5	PASS
		VN	50	2.12	0.001146	± 2.5	PASS
	MCH	VN	-30	0.11	0.000058	± 2.5	PASS
		VN	-20	-0.07	-0.000037	± 2.5	PASS
		VN	-10	-1.67	-0.000887	± 2.5	PASS
		VN	0	4.6	0.002444	± 2.5	PASS
		VN	10	3.65	0.001939	± 2.5	PASS
		VN	20	3.33	0.001769	± 2.5	PASS
		VN	30	4.13	0.002194	± 2.5	PASS
		VN	40	0.64	0.000340	± 2.5	PASS
		VN	50	4.36	0.002316	± 2.5	PASS
	HCH	VN	-30	1.93	0.001008	± 2.5	PASS
		VN	-20	0.88	0.000460	± 2.5	PASS
		VN	-10	1.14	0.000596	± 2.5	PASS
		VN	0	1.16	0.000606	± 2.5	PASS
		VN	10	-1.21	-0.000632	± 2.5	PASS
		VN	20	1.91	0.000998	± 2.5	PASS
		VN	30	1.09	0.000569	± 2.5	PASS
		VN	40	0.68	0.000355	± 2.5	PASS
		VN	50	-0.38	-0.000199	± 2.5	PASS
16QAM	LCH	VN	-30	2.87	0.001551	± 2.5	PASS
		VN	-20	3.77	0.002037	± 2.5	PASS
		VN	-10	-0.35	-0.000189	± 2.5	PASS
		VN	0	0.6	0.000324	± 2.5	PASS
		VN	10	0.62	0.000335	± 2.5	PASS
		VN	20	0.13	0.000070	± 2.5	PASS
		VN	30	1.9	0.001027	± 2.5	PASS
		VN	40	1.48	0.000800	± 2.5	PASS
		VN	50	-0.78	-0.000421	± 2.5	PASS
	MCH	VN	-30	-0.74	-0.000393	± 2.5	PASS
		VN	-20	-0.87	-0.000462	± 2.5	PASS
		VN	-10	3.44	0.001827	± 2.5	PASS
		VN	0	3.37	0.001790	± 2.5	PASS
		VN	10	-1.76	-0.000935	± 2.5	PASS
		VN	20	0.54	0.000287	± 2.5	PASS
		VN	30	1.11	0.000590	± 2.5	PASS
		VN	40	3.99	0.002120	± 2.5	PASS
		VN	50	3.51	0.001865	± 2.5	PASS
	HCH	VN	-30	4.53	0.002366	± 2.5	PASS
		VN	-20	2.36	0.001233	± 2.5	PASS
		VN	-10	-1.97	-0.001029	± 2.5	PASS
		VN	0	3.25	0.001698	± 2.5	PASS
		VN	10	4.67	0.002440	± 2.5	PASS
		VN	20	-1.49	-0.000778	± 2.5	PASS

		VN	30	3.21	0.001677	± 2.5	PASS
		VN	40	4.98	0.002601	± 2.5	PASS
		VN	50	-0.47	-0.000246	± 2.5	PASS

Channel Bandwidth: 3.0 MHz

Channel Bandwidth: 3.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	4.05	0.002187	± 2.5	PASS
		VN	TN	4.24	0.002290	± 2.5	PASS
		VH	TN	3.71	0.002004	± 2.5	PASS
	MCH	VL	TN	1.45	0.000770	± 2.5	PASS
		VN	TN	3.29	0.001748	± 2.5	PASS
		VH	TN	2.11	0.001121	± 2.5	PASS
	HCH	VL	TN	-1.6	-0.000836	± 2.5	PASS
		VN	TN	4.14	0.002164	± 2.5	PASS
		VH	TN	0.53	0.000277	± 2.5	PASS
16QAM	LCH	VL	TN	0.94	0.000508	± 2.5	PASS
		VN	TN	1.72	0.000929	± 2.5	PASS
		VH	TN	-0.79	-0.000427	± 2.5	PASS
	MCH	VL	TN	-0.11	-0.000058	± 2.5	PASS
		VN	TN	1.79	0.000951	± 2.5	PASS
		VH	TN	3.57	0.001896	± 2.5	PASS
	HCH	VL	TN	1.94	0.001014	± 2.5	PASS
		VN	TN	-0.98	-0.000512	± 2.5	PASS
		VH	TN	-1.32	-0.000690	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.88	0.001555	± 2.5	PASS
		VN	-20	-1.85	-0.000999	± 2.5	PASS
		VN	-10	-0.57	-0.000308	± 2.5	PASS
		VN	0	4.95	0.002674	± 2.5	PASS
		VN	10	4.81	0.002598	± 2.5	PASS
		VN	20	1	0.000540	± 2.5	PASS
		VN	30	1.79	0.000967	± 2.5	PASS
		VN	40	4.24	0.002290	± 2.5	PASS
		VN	50	0.29	0.000157	± 2.5	PASS
	MCH	VN	-30	4.04	0.002146	± 2.5	PASS
		VN	-20	0.8	0.000425	± 2.5	PASS
		VN	-10	-0.88	-0.000467	± 2.5	PASS
		VN	0	4.01	0.002130	± 2.5	PASS
		VN	10	0.13	0.000069	± 2.5	PASS
		VN	20	0.82	0.000436	± 2.5	PASS
		VN	30	3.21	0.001705	± 2.5	PASS
		VN	40	-1.75	-0.000930	± 2.5	PASS
		VN	50	0.03	0.000016	± 2.5	PASS
	HCH	VN	-30	3.97	0.002075	± 2.5	PASS
		VN	-20	1.35	0.000706	± 2.5	PASS
		VN	-10	-1.5	-0.000784	± 2.5	PASS

		VN	0	-0.11	-0.000057	± 2.5	PASS
		VN	10	2.01	0.001050	± 2.5	PASS
		VN	20	-0.85	-0.000444	± 2.5	PASS
		VN	30	0.34	0.000178	± 2.5	PASS
		VN	40	2.5	0.001307	± 2.5	PASS
		VN	50	0.94	0.000491	± 2.5	PASS
16QAM	LCH	VN	-30	4.59	0.002479	± 2.5	PASS
		VN	-20	3.24	0.001750	± 2.5	PASS
		VN	-10	2.46	0.001329	± 2.5	PASS
		VN	0	3.37	0.001820	± 2.5	PASS
		VN	10	0.5	0.000270	± 2.5	PASS
		VN	20	3.52	0.001901	± 2.5	PASS
		VN	30	0.87	0.000470	± 2.5	PASS
		VN	40	3.07	0.001658	± 2.5	PASS
		VN	50	1.05	0.000567	± 2.5	PASS
	MCH	VN	-30	1.49	0.000792	± 2.5	PASS
		VN	-20	1.88	0.000999	± 2.5	PASS
		VN	-10	-0.55	-0.000292	± 2.5	PASS
		VN	0	3.84	0.002040	± 2.5	PASS
		VN	10	2.57	0.001365	± 2.5	PASS
		VN	20	3.42	0.001817	± 2.5	PASS
		VN	30	1.47	0.000781	± 2.5	PASS
		VN	40	0.02	0.000011	± 2.5	PASS
		VN	50	3.66	0.001944	± 2.5	PASS
	HCH	VN	-30	-0.88	-0.000460	± 2.5	PASS
		VN	-20	4.96	0.002592	± 2.5	PASS
		VN	-10	1.74	0.000909	± 2.5	PASS
		VN	0	1.9	0.000993	± 2.5	PASS
		VN	10	-0.94	-0.000491	± 2.5	PASS
		VN	20	-0.13	-0.000068	± 2.5	PASS
		VN	30	2.5	0.001307	± 2.5	PASS
		VN	40	3.68	0.001923	± 2.5	PASS
		VN	50	-0.88	-0.000460	± 2.5	PASS

Channel Bandwidth: 5.0 MHz

Channel Bandwidth: 5.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	0.83	0.000448	± 2.5	PASS
		VN	TN	1.73	0.000934	± 2.5	PASS
		VH	TN	2.05	0.001107	± 2.5	PASS
	MCH	VL	TN	0.42	0.000223	± 2.5	PASS
		VN	TN	4.62	0.002454	± 2.5	PASS
		VH	TN	1.74	0.000924	± 2.5	PASS
	HCH	VL	TN	0.3	0.000157	± 2.5	PASS
		VN	TN	-0.59	-0.000308	± 2.5	PASS
		VH	TN	0.69	0.000361	± 2.5	PASS
16QAM	LCH	VL	TN	3.31	0.001787	± 2.5	PASS
		VN	TN	0.6	0.000324	± 2.5	PASS
		VH	TN	0.96	0.000518	± 2.5	PASS

	MCH	VL	TN	-0.3	-0.000159	± 2.5	PASS
		VN	TN	-1.1	-0.000584	± 2.5	PASS
		VH	TN	0.93	0.000494	± 2.5	PASS
	HCH	VL	TN	4.43	0.002316	± 2.5	PASS
		VN	TN	1.33	0.000695	± 2.5	PASS
		VH	TN	0.9	0.000471	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.86	0.002084	± 2.5	PASS
		VN	-20	-0.97	-0.000524	± 2.5	PASS
		VN	-10	-1.13	-0.000610	± 2.5	PASS
		VN	0	-1.9	-0.001026	± 2.5	PASS
		VN	10	3.77	0.002035	± 2.5	PASS
		VN	20	3.34	0.001803	± 2.5	PASS
		VN	30	4.18	0.002256	± 2.5	PASS
		VN	40	2.41	0.001301	± 2.5	PASS
		VN	50	1.54	0.000831	± 2.5	PASS
	MCH	VN	-30	-1.43	-0.000760	± 2.5	PASS
		VN	-20	2.27	0.001206	± 2.5	PASS
		VN	-10	4.2	0.002231	± 2.5	PASS
		VN	0	4.14	0.002199	± 2.5	PASS
		VN	10	1.38	0.000733	± 2.5	PASS
		VN	20	-1.03	-0.000547	± 2.5	PASS
		VN	30	0.84	0.000446	± 2.5	PASS
		VN	40	-1.7	-0.000903	± 2.5	PASS
		VN	50	1.61	0.000855	± 2.5	PASS
	HCH	VN	-30	3.51	0.001835	± 2.5	PASS
		VN	-20	4.2	0.002196	± 2.5	PASS
		VN	-10	1.24	0.000648	± 2.5	PASS
		VN	0	-0.05	-0.000026	± 2.5	PASS
		VN	10	4.93	0.002578	± 2.5	PASS
		VN	20	-0.48	-0.000251	± 2.5	PASS
		VN	30	-0.46	-0.000241	± 2.5	PASS
		VN	40	3.39	0.001773	± 2.5	PASS
		VN	50	4.81	0.002515	± 2.5	PASS
16QAM	LCH	VN	-30	2.27	0.001225	± 2.5	PASS
		VN	-20	-0.47	-0.000254	± 2.5	PASS
		VN	-10	1.71	0.000923	± 2.5	PASS
		VN	0	2.64	0.001425	± 2.5	PASS
		VN	10	2.97	0.001603	± 2.5	PASS
		VN	20	-0.44	-0.000238	± 2.5	PASS
		VN	30	0.11	0.000059	± 2.5	PASS
		VN	40	4.34	0.002343	± 2.5	PASS
		VN	50	-1.3	-0.000702	± 2.5	PASS
	MCH	VN	-30	-0.7	-0.000372	± 2.5	PASS
		VN	-20	1.31	0.000696	± 2.5	PASS
		VN	-10	3.96	0.002104	± 2.5	PASS
		VN	0	-1.59	-0.000845	± 2.5	PASS
		VN	10	1.26	0.000669	± 2.5	PASS
		VN	20	3.01	0.001599	± 2.5	PASS

	HCH	VN	30	-0.63	-0.000335	± 2.5	PASS
		VN	40	2.79	0.001482	± 2.5	PASS
		VN	50	1.46	0.000776	± 2.5	PASS
		VN	-30	-1.6	-0.000837	± 2.5	PASS
		VN	-20	4.6	0.002405	± 2.5	PASS
		VN	-10	2.4	0.001255	± 2.5	PASS
		VN	0	4.27	0.002233	± 2.5	PASS
		VN	10	2.94	0.001537	± 2.5	PASS
		VN	20	-1.5	-0.000784	± 2.5	PASS
		VN	30	1.88	0.000983	± 2.5	PASS
		VN	40	3.22	0.001684	± 2.5	PASS
		VN	50	3.35	0.001752	± 2.5	PASS

Channel Bandwidth: 10.0 MHz

Channel Bandwidth: 10.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	1.69	0.000911	± 2.5	PASS
		VN	TN	4.63	0.002496	± 2.5	PASS
		VH	TN	4.91	0.002647	± 2.5	PASS
	MCH	VL	TN	3.33	0.001769	± 2.5	PASS
		VN	TN	4.16	0.002210	± 2.5	PASS
		VH	TN	3.41	0.001811	± 2.5	PASS
	HCH	VL	TN	4.48	0.002346	± 2.5	PASS
		VN	TN	1.67	0.000874	± 2.5	PASS
		VH	TN	-0.36	-0.000188	± 2.5	PASS
16QAM	LCH	VL	TN	-0.83	-0.000447	± 2.5	PASS
		VN	TN	-0.2	-0.000108	± 2.5	PASS
		VH	TN	0.96	0.000518	± 2.5	PASS
	MCH	VL	TN	0.33	0.000175	± 2.5	PASS
		VN	TN	4.51	0.002396	± 2.5	PASS
		VH	TN	2.92	0.001551	± 2.5	PASS
	HCH	VL	TN	3.73	0.001953	± 2.5	PASS
		VN	TN	0.88	0.000461	± 2.5	PASS
		VH	TN	0.92	0.000482	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.07	-0.000577	± 2.5	PASS
		VN	-20	2.47	0.001332	± 2.5	PASS
		VN	-10	2.73	0.001472	± 2.5	PASS
		VN	0	-1.85	-0.000997	± 2.5	PASS
		VN	10	-0.08	-0.000043	± 2.5	PASS
		VN	20	1.93	0.001040	± 2.5	PASS
		VN	30	-0.05	-0.000027	± 2.5	PASS
		VN	40	-0.62	-0.000334	± 2.5	PASS
		VN	50	3.75	0.002022	± 2.5	PASS
	MCH	VN	-30	2.68	0.001424	± 2.5	PASS
		VN	-20	4.75	0.002523	± 2.5	PASS
		VN	-10	3.99	0.002120	± 2.5	PASS

16QAM		VN	0	2.77	0.001471	± 2.5	PASS
		VN	10	4.78	0.002539	± 2.5	PASS
		VN	20	-1.25	-0.000664	± 2.5	PASS
		VN	30	4.12	0.002189	± 2.5	PASS
		VN	40	-0.7	-0.000372	± 2.5	PASS
		VN	50	3.84	0.002040	± 2.5	PASS
	HCH	VN	-30	2.78	0.001455	± 2.5	PASS
		VN	-20	4.76	0.002492	± 2.5	PASS
		VN	-10	2.59	0.001356	± 2.5	PASS
		VN	0	-0.47	-0.000246	± 2.5	PASS
		VN	10	-0.67	-0.000351	± 2.5	PASS
		VN	20	3.82	0.002000	± 2.5	PASS
	LCH	VN	30	4.53	0.002372	± 2.5	PASS
		VN	40	-0.84	-0.000440	± 2.5	PASS
		VN	50	1.49	0.000780	± 2.5	PASS
		VN	-30	1.14	0.000615	± 2.5	PASS
		VN	-20	0.08	0.000043	± 2.5	PASS
		VN	-10	-0.57	-0.000307	± 2.5	PASS
	MCH	VN	0	1.15	0.000620	± 2.5	PASS
		VN	10	-0.51	-0.000275	± 2.5	PASS
		VN	20	1.95	0.001051	± 2.5	PASS
		VN	30	0.98	0.000528	± 2.5	PASS
		VN	40	-1.21	-0.000652	± 2.5	PASS
		VN	50	-0.07	-0.000038	± 2.5	PASS
	HCH	VN	-30	1.77	0.000940	± 2.5	PASS
		VN	-20	-0.29	-0.000154	± 2.5	PASS
		VN	-10	-1.86	-0.000988	± 2.5	PASS
		VN	0	3.84	0.002040	± 2.5	PASS
		VN	10	0.54	0.000287	± 2.5	PASS
		VN	20	2.35	0.001248	± 2.5	PASS
		VN	30	1.01	0.000537	± 2.5	PASS
		VN	40	0.42	0.000223	± 2.5	PASS
		VN	50	-1.91	-0.001015	± 2.5	PASS
	HCH	VN	-30	2.64	0.001382	± 2.5	PASS
		VN	-20	3.03	0.001586	± 2.5	PASS
		VN	-10	2.95	0.001545	± 2.5	PASS
	LCH	VN	0	-0.56	-0.000293	± 2.5	PASS
		VN	10	1.33	0.000696	± 2.5	PASS
		VN	20	2.42	0.001267	± 2.5	PASS
		VN	30	-1.04	-0.000545	± 2.5	PASS
		VN	40	1.13	0.000592	± 2.5	PASS
		VN	50	-1.63	-0.000853	± 2.5	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.98	0.001604	± 2.5	PASS
		VN	TN	4.06	0.002186	± 2.5	PASS
		VH	TN	4.9	0.002638	± 2.5	PASS

	MCH	VL	TN	3.42	0.001817	± 2.5	PASS	
		VN	TN	-1.15	-0.000611	± 2.5	PASS	
		VH	TN	0.6	0.000319	± 2.5	PASS	
	HCH	VL	TN	-0.77	-0.000404	± 2.5	PASS	
		VN	TN	1.58	0.000828	± 2.5	PASS	
		VH	TN	-1.32	-0.000692	± 2.5	PASS	
	16QAM	LCH	VL	TN	1.46	0.000786	± 2.5	PASS
			VN	TN	2.78	0.001497	± 2.5	PASS
			VH	TN	4.28	0.002304	± 2.5	PASS
MCH		VL	TN	2.47	0.001312	± 2.5	PASS	
		VN	TN	-0.34	-0.000181	± 2.5	PASS	
		VH	TN	-1.39	-0.000738	± 2.5	PASS	
HCH		VL	TN	-0.05	-0.000026	± 2.5	PASS	
		VN	TN	3.11	0.001630	± 2.5	PASS	
		VH	TN	1.47	0.000771	± 2.5	PASS	
Temperature								
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict	
QPSK	LCH	VN	-30	-1.86	-0.001001	± 2.5	PASS	
		VN	-20	-1.17	-0.000630	± 2.5	PASS	
		VN	-10	4.01	0.002159	± 2.5	PASS	
		VN	0	0.7	0.000377	± 2.5	PASS	
		VN	10	2.52	0.001357	± 2.5	PASS	
		VN	20	0.57	0.000307	± 2.5	PASS	
		VN	30	3.52	0.001895	± 2.5	PASS	
		VN	40	1.97	0.001061	± 2.5	PASS	
		VN	50	-1.07	-0.000576	± 2.5	PASS	
	MCH	VN	-30	1.09	0.000579	± 2.5	PASS	
		VN	-20	-0.46	-0.000244	± 2.5	PASS	
		VN	-10	4.58	0.002433	± 2.5	PASS	
		VN	0	2.86	0.001519	± 2.5	PASS	
		VN	10	-0.19	-0.000101	± 2.5	PASS	
		VN	20	0.49	0.000260	± 2.5	PASS	
		VN	30	-0.04	-0.000021	± 2.5	PASS	
		VN	40	-0.75	-0.000398	± 2.5	PASS	
		VN	50	3.51	0.001865	± 2.5	PASS	
	HCH	VN	-30	3.79	0.001987	± 2.5	PASS	
		VN	-20	1.69	0.000886	± 2.5	PASS	
		VN	-10	2.89	0.001515	± 2.5	PASS	
		VN	0	4.36	0.002286	± 2.5	PASS	
		VN	10	1.92	0.001007	± 2.5	PASS	
		VN	20	-0.51	-0.000267	± 2.5	PASS	
		VN	30	2.14	0.001122	± 2.5	PASS	
		VN	40	2.48	0.001300	± 2.5	PASS	
		VN	50	-0.55	-0.000288	± 2.5	PASS	
16QAM	LCH	VN	-30	3.38	0.001820	± 2.5	PASS	
		VN	-20	4.34	0.002336	± 2.5	PASS	
		VN	-10	4.84	0.002606	± 2.5	PASS	
		VN	0	0.44	0.000237	± 2.5	PASS	
		VN	10	2.04	0.001098	± 2.5	PASS	
		VN	20	2.17	0.001168	± 2.5	PASS	

		VN	30	3.08	0.001658	± 2.5	PASS
		VN	40	0.03	0.000016	± 2.5	PASS
		VN	50	4.74	0.002552	± 2.5	PASS
	MCH	VN	-30	3.33	0.001769	± 2.5	PASS
		VN	-20	0.41	0.000218	± 2.5	PASS
		VN	-10	2.74	0.001456	± 2.5	PASS
		VN	0	4.63	0.002459	± 2.5	PASS
		VN	10	0.08	0.000042	± 2.5	PASS
		VN	20	4.73	0.002513	± 2.5	PASS
		VN	30	-1.63	-0.000866	± 2.5	PASS
		VN	40	1.75	0.000930	± 2.5	PASS
		VN	50	4.41	0.002343	± 2.5	PASS
	HCH	VN	-30	3.5	0.001835	± 2.5	PASS
		VN	-20	0.35	0.000183	± 2.5	PASS
		VN	-10	-1.52	-0.000797	± 2.5	PASS
		VN	0	-1.8	-0.000944	± 2.5	PASS
		VN	10	-1.15	-0.000603	± 2.5	PASS
		VN	20	4.49	0.002354	± 2.5	PASS
		VN	30	2.5	0.001311	± 2.5	PASS
		VN	40	-0.2	-0.000105	± 2.5	PASS
		VN	50	2.81	0.001473	± 2.5	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	0.88	0.000473	± 2.5	PASS
		VN	TN	0.02	0.000011	± 2.5	PASS
		VH	TN	2.12	0.001140	± 2.5	PASS
	MCH	VL	TN	2.23	0.001185	± 2.5	PASS
		VN	TN	0.48	0.000255	± 2.5	PASS
		VH	TN	4.26	0.002263	± 2.5	PASS
	HCH	VL	TN	4.9	0.002572	± 2.5	PASS
		VN	TN	-1.46	-0.000766	± 2.5	PASS
		VH	TN	-1.95	-0.001024	± 2.5	PASS
16QAM	LCH	VL	TN	3.76	0.002022	± 2.5	PASS
		VN	TN	-0.62	-0.000333	± 2.5	PASS
		VH	TN	3.59	0.001930	± 2.5	PASS
	MCH	VL	TN	4.93	0.002619	± 2.5	PASS
		VN	TN	2.55	0.001355	± 2.5	PASS
		VH	TN	0.36	0.000191	± 2.5	PASS
	HCH	VL	TN	0.08	0.000042	± 2.5	PASS
		VN	TN	-0.34	-0.000178	± 2.5	PASS
		VH	TN	0.12	0.000063	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	3.58	0.001925	± 2.5	PASS
		VN	-20	3	0.001613	± 2.5	PASS
		VN	-10	4.93	0.002651	± 2.5	PASS

		VN	0	2.08	0.001118	± 2.5	PASS
		VN	10	-0.79	-0.000425	± 2.5	PASS
		VN	20	4.57	0.002457	± 2.5	PASS
		VN	30	-1.05	-0.000565	± 2.5	PASS
		VN	40	-0.79	-0.000425	± 2.5	PASS
		VN	50	-0.73	-0.000392	± 2.5	PASS
	MCH	VN	-30	-0.13	-0.000069	± 2.5	PASS
		VN	-20	1.61	0.000856	± 2.5	PASS
		VN	-10	4.55	0.002420	± 2.5	PASS
		VN	0	2.97	0.001580	± 2.5	PASS
		VN	10	1.9	0.001011	± 2.5	PASS
		VN	20	3.05	0.001622	± 2.5	PASS
		VN	30	-0.13	-0.000069	± 2.5	PASS
		VN	40	1.61	0.000856	± 2.5	PASS
		VN	50	4.55	0.002420	± 2.5	PASS
	HCH	VN	-30	4.46	0.002341	± 2.5	PASS
		VN	-20	2.79	0.001465	± 2.5	PASS
		VN	-10	-1.34	-0.000703	± 2.5	PASS
		VN	0	3.39	0.001780	± 2.5	PASS
		VN	10	0.21	0.000110	± 2.5	PASS
		VN	20	2.38	0.001249	± 2.5	PASS
		VN	30	3.58	0.001879	± 2.5	PASS
		VN	40	2.84	0.001491	± 2.5	PASS
16QAM	LCH	VN	50	3.53	0.001853	± 2.5	PASS
		VN	-30	2.32	0.001247	± 2.5	PASS
		VN	-20	-1.83	-0.000984	± 2.5	PASS
		VN	-10	1.85	0.000995	± 2.5	PASS
		VN	0	4.5	0.002419	± 2.5	PASS
		VN	10	-1.17	-0.000629	± 2.5	PASS
		VN	20	-0.73	-0.000392	± 2.5	PASS
		VN	30	-0.42	-0.000226	± 2.5	PASS
	MCH	VN	40	4.95	0.002661	± 2.5	PASS
		VN	50	0.88	0.000473	± 2.5	PASS
		VN	-30	1.25	0.000664	± 2.5	PASS
		VN	-20	2.91	0.001546	± 2.5	PASS
		VN	-10	4.43	0.002353	± 2.5	PASS
		VN	0	4.38	0.002327	± 2.5	PASS
		VN	10	2.13	0.001131	± 2.5	PASS
		VN	20	1.38	0.000733	± 2.5	PASS
	HCH	VN	30	0.14	0.000074	± 2.5	PASS
		VN	40	-1.05	-0.000558	± 2.5	PASS
		VN	50	-0.6	-0.000319	± 2.5	PASS
		VN	-30	-1.96	-0.001029	± 2.5	PASS
		VN	-20	0.37	0.000194	± 2.5	PASS
		VN	-10	-1.15	-0.000604	± 2.5	PASS
		VN	0	-1.85	-0.000971	± 2.5	PASS
		VN	10	4.16	0.002184	± 2.5	PASS
		VN	20	4.81	0.002525	± 2.5	PASS
		VN	30	2.53	0.001328	± 2.5	PASS
		VN	40	3.04	0.001596	± 2.5	PASS
		VN	50	4.5	0.002362	± 2.5	PASS

Band 38
Channel Bandwidth: 5 MHz

Channel Bandwidth: 5.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	3.99	0.005702	± 2.5	PASS
		VN	TN	2.93	0.004188	± 2.5	PASS
		VH	TN	1.16	0.001658	± 2.5	PASS
	MCH	VL	TN	3.32	0.004693	± 2.5	PASS
		VN	TN	4.23	0.005979	± 2.5	PASS
		VH	TN	-1.54	-0.002177	± 2.5	PASS
	HCH	VL	TN	0.84	0.001174	± 2.5	PASS
		VN	TN	2.3	0.003215	± 2.5	PASS
		VH	TN	1.76	0.002461	± 2.5	PASS
16QAM	LCH	VL	TN	1.1	0.001572	± 2.5	PASS
		VN	TN	0.64	0.000915	± 2.5	PASS
		VH	TN	-1.76	-0.002515	± 2.5	PASS
	MCH	VL	TN	-1.71	-0.002417	± 2.5	PASS
		VN	TN	1.78	0.002516	± 2.5	PASS
		VH	TN	-1.1	-0.001555	± 2.5	PASS
	HCH	VL	TN	0	0.000000	± 2.5	PASS
		VN	TN	-0.84	-0.001174	± 2.5	PASS
		VH	TN	-1.31	-0.001831	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.45	-0.002072	± 2.5	PASS
		VN	-20	-1.48	-0.002115	± 2.5	PASS
		VN	-10	0.49	0.000700	± 2.5	PASS
		VN	0	0.3	0.000429	± 2.5	PASS
		VN	10	2.04	0.002916	± 2.5	PASS
		VN	20	4.15	0.005931	± 2.5	PASS
		VN	30	1.48	0.002115	± 2.5	PASS
		VN	40	-0.52	-0.000743	± 2.5	PASS
		VN	50	1.09	0.001558	± 2.5	PASS
	MCH	VN	-30	0.64	0.000905	± 2.5	PASS
		VN	-20	1.84	0.002601	± 2.5	PASS
		VN	-10	-0.19	-0.000269	± 2.5	PASS
		VN	0	2.44	0.003449	± 2.5	PASS
		VN	10	-1.92	-0.002714	± 2.5	PASS
		VN	20	0.44	0.000622	± 2.5	PASS
		VN	30	-0.46	-0.000650	± 2.5	PASS
		VN	40	2.29	0.003237	± 2.5	PASS
		VN	50	1.22	0.001724	± 2.5	PASS
	HCH	VN	-30	0.31	0.000433	± 2.5	PASS
		VN	-20	0.9	0.001258	± 2.5	PASS
		VN	-10	-1.63	-0.002279	± 2.5	PASS
		VN	0	3.62	0.005061	± 2.5	PASS
		VN	10	2.39	0.003341	± 2.5	PASS

16QAM		VN	20	0.79	0.001104	± 2.5	PASS
		VN	30	1.21	0.001692	± 2.5	PASS
		VN	40	3.88	0.005424	± 2.5	PASS
		VN	50	-1.31	-0.001831	± 2.5	PASS
	LCH	VN	-30	2.67	0.003816	± 2.5	PASS
		VN	-20	0.95	0.001358	± 2.5	PASS
		VN	-10	0.71	0.001015	± 2.5	PASS
		VN	0	-0.05	-0.000071	± 2.5	PASS
		VN	10	-1.64	-0.002344	± 2.5	PASS
		VN	20	0.26	0.000372	± 2.5	PASS
		VN	30	0	0.000000	± 2.5	PASS
		VN	40	-0.99	-0.001415	± 2.5	PASS
		VN	50	4.08	0.005831	± 2.5	PASS
	MCH	VN	-30	-0.01	-0.000014	± 2.5	PASS
		VN	-20	-1.87	-0.002643	± 2.5	PASS
		VN	-10	2.75	0.003887	± 2.5	PASS
		VN	0	3.25	0.004594	± 2.5	PASS
		VN	10	-0.07	-0.000099	± 2.5	PASS
		VN	20	3.11	0.004396	± 2.5	PASS
		VN	30	-1.04	-0.001470	± 2.5	PASS
		VN	40	2.55	0.003604	± 2.5	PASS
		VN	50	1.9	0.002686	± 2.5	PASS
	HCH	VN	-30	3.54	0.004949	± 2.5	PASS
		VN	-20	0.47	0.000657	± 2.5	PASS
		VN	-10	1.99	0.002782	± 2.5	PASS
		VN	0	2.25	0.003146	± 2.5	PASS
		VN	10	1.06	0.001482	± 2.5	PASS
		VN	20	-1.8	-0.002516	± 2.5	PASS
		VN	30	-0.52	-0.000727	± 2.5	PASS
		VN	40	-0.68	-0.000951	± 2.5	PASS
		VN	50	0.19	0.000266	± 2.5	PASS

Channel Bandwidth: 10MHz

Channel Bandwidth: 10MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.37	-0.000528	± 2.5	PASS
		VN	TN	3.26	0.004654	± 2.5	PASS
		VH	TN	4.07	0.005810	± 2.5	PASS
	MCH	VL	TN	3.5	0.004947	± 2.5	PASS
		VN	TN	0.12	0.000170	± 2.5	PASS
		VH	TN	4.02	0.005682	± 2.5	PASS
	HCH	VL	TN	0.71	0.000994	± 2.5	PASS
		VN	TN	1.67	0.002337	± 2.5	PASS
		VH	TN	4.24	0.005934	± 2.5	PASS
16QAM	LCH	VL	TN	0.89	0.001271	± 2.5	PASS
		VN	TN	4.71	0.006724	± 2.5	PASS
		VH	TN	1.71	0.002441	± 2.5	PASS
		VL	TN	-0.55	-0.000777	± 2.5	PASS
		VN	TN	1.76	0.002488	± 2.5	PASS

	MCH	VH	TN	1.53	0.002163	± 2.5	PASS
	HCH	VL	TN	4.63	0.006480	± 2.5	PASS
		VN	TN	3.22	0.004507	± 2.5	PASS
		VH	TN	0.43	0.000602	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.9	0.001285	± 2.5	PASS
		VN	-20	-0.97	-0.001385	± 2.5	PASS
		VN	-10	3.98	0.005682	± 2.5	PASS
		VN	0	2.6	0.003712	± 2.5	PASS
		VN	10	-0.48	-0.000685	± 2.5	PASS
		VN	20	-1.96	-0.002798	± 2.5	PASS
		VN	30	0.15	0.000214	± 2.5	PASS
		VN	40	2.28	0.003255	± 2.5	PASS
		VN	50	3.68	0.005253	± 2.5	PASS
	MCH	VN	-30	4.22	0.005965	± 2.5	PASS
		VN	-20	3.77	0.005329	± 2.5	PASS
		VN	-10	1.53	0.002163	± 2.5	PASS
		VN	0	3.29	0.004650	± 2.5	PASS
		VN	10	2.73	0.003859	± 2.5	PASS
		VN	20	1.91	0.002700	± 2.5	PASS
		VN	30	4.69	0.006629	± 2.5	PASS
		VN	40	-1.07	-0.001512	± 2.5	PASS
		VN	50	4.5	0.006360	± 2.5	PASS
	HCH	VN	-30	4.8	0.006718	± 2.5	PASS
		VN	-20	0.7	0.000980	± 2.5	PASS
		VN	-10	-1.92	-0.002687	± 2.5	PASS
		VN	0	3.35	0.004689	± 2.5	PASS
		VN	10	1.16	0.001624	± 2.5	PASS
		VN	20	0.2	0.000280	± 2.5	PASS
		VN	30	-1.04	-0.001456	± 2.5	PASS
		VN	40	-0.2	-0.000280	± 2.5	PASS
		VN	50	4.31	0.006032	± 2.5	PASS
16QAM	LCH	VN	-30	3.86	0.005510	± 2.5	PASS
		VN	-20	-0.48	-0.000685	± 2.5	PASS
		VN	-10	4.57	0.006524	± 2.5	PASS
		VN	0	2.14	0.003055	± 2.5	PASS
		VN	10	0.83	0.001185	± 2.5	PASS
		VN	20	3.17	0.004525	± 2.5	PASS
		VN	30	1.3	0.001856	± 2.5	PASS
		VN	40	3.79	0.005410	± 2.5	PASS
		VN	50	2.59	0.003697	± 2.5	PASS
	MCH	VN	-30	0.86	0.001216	± 2.5	PASS
		VN	-20	0.55	0.000777	± 2.5	PASS
		VN	-10	0	0.000000	± 2.5	PASS
		VN	0	-0.36	-0.000509	± 2.5	PASS
		VN	10	0.64	0.000905	± 2.5	PASS
		VN	20	4.68	0.006615	± 2.5	PASS
		VN	30	0.78	0.001102	± 2.5	PASS
		VN	40	-0.33	-0.000466	± 2.5	PASS

	HCH	VN	50	0.67	0.000947	± 2.5	PASS
		VN	-30	3.11	0.004353	± 2.5	PASS
		VN	-20	1.12	0.001568	± 2.5	PASS
		VN	-10	-0.95	-0.001330	± 2.5	PASS
		VN	0	4.47	0.006256	± 2.5	PASS
		VN	10	2.59	0.003625	± 2.5	PASS
		VN	20	-1.76	-0.002463	± 2.5	PASS
		VN	30	-0.97	-0.001358	± 2.5	PASS
		VN	40	0.81	0.001134	± 2.5	PASS
		VN	50	3.86	0.005510	± 2.5	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.25	0.003207	± 2.5	PASS
		VN	TN	0.68	0.000969	± 2.5	PASS
		VH	TN	1.77	0.002523	± 2.5	PASS
	MCH	VL	TN	-0.96	-0.001357	± 2.5	PASS
		VN	TN	-1.21	-0.001710	± 2.5	PASS
		VH	TN	0.76	0.001074	± 2.5	PASS
	HCH	VL	TN	1.47	0.002060	± 2.5	PASS
		VN	TN	1.84	0.002579	± 2.5	PASS
		VH	TN	-1.16	-0.001626	± 2.5	PASS
16QAM	LCH	VL	TN	0.35	0.000499	± 2.5	PASS
		VN	TN	-1.32	-0.001882	± 2.5	PASS
		VH	TN	0.54	0.000770	± 2.5	PASS
	MCH	VL	TN	4.81	0.006799	± 2.5	PASS
		VN	TN	-0.63	-0.000890	± 2.5	PASS
		VH	TN	3.87	0.005470	± 2.5	PASS
	HCH	VL	TN	3.52	0.004933	± 2.5	PASS
		VN	TN	3.75	0.005256	± 2.5	PASS
		VH	TN	3.14	0.004401	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.25	-0.000356	± 2.5	PASS
		VN	-20	4.45	0.006344	± 2.5	PASS
		VN	-10	3.35	0.004775	± 2.5	PASS
		VN	0	4.14	0.005902	± 2.5	PASS
		VN	10	0.51	0.000727	± 2.5	PASS
		VN	20	4.95	0.007056	± 2.5	PASS
		VN	30	4.71	0.006714	± 2.5	PASS
		VN	40	-0.4	-0.000570	± 2.5	PASS
		VN	50	-1.77	-0.002523	± 2.5	PASS
	MCH	VN	-30	1.79	0.002530	± 2.5	PASS
		VN	-20	-1.26	-0.001781	± 2.5	PASS
		VN	-10	-0.66	-0.000933	± 2.5	PASS
		VN	0	-0.45	-0.000636	± 2.5	PASS
		VN	10	1.9	0.002686	± 2.5	PASS

16QAM	HCH	VN	20	0.52	0.000735	± 2.5	PASS
		VN	30	3.97	0.005611	± 2.5	PASS
		VN	40	-1.95	-0.002756	± 2.5	PASS
		VN	50	-1.57	-0.002219	± 2.5	PASS
		VN	-30	-1.2	-0.001682	± 2.5	PASS
		VN	-20	3.09	0.004331	± 2.5	PASS
		VN	-10	4.47	0.006265	± 2.5	PASS
		VN	0	-1.53	-0.002144	± 2.5	PASS
		VN	10	3.54	0.004961	± 2.5	PASS
		VN	20	-1.56	-0.002186	± 2.5	PASS
		VN	30	0.43	0.000603	± 2.5	PASS
		VN	40	3.15	0.004415	± 2.5	PASS
		VN	50	0.38	0.000533	± 2.5	PASS
	LCH	VN	-30	-1.51	-0.002153	± 2.5	PASS
		VN	-20	2.92	0.004163	± 2.5	PASS
		VN	-10	-1.51	-0.002153	± 2.5	PASS
		VN	0	3.28	0.004676	± 2.5	PASS
		VN	10	0.77	0.001098	± 2.5	PASS
		VN	20	-0.91	-0.001297	± 2.5	PASS
		VN	30	0.39	0.000556	± 2.5	PASS
		VN	40	1.72	0.002452	± 2.5	PASS
		VN	50	4.79	0.006828	± 2.5	PASS
	MCH	VN	-30	-1.51	-0.002134	± 2.5	PASS
		VN	-20	-0.45	-0.000636	± 2.5	PASS
		VN	-10	-0.62	-0.000876	± 2.5	PASS
		VN	0	-1.42	-0.002007	± 2.5	PASS
		VN	10	1.34	0.001894	± 2.5	PASS
		VN	20	-0.08	-0.000113	± 2.5	PASS
		VN	30	1.12	0.001583	± 2.5	PASS
		VN	40	4.94	0.006982	± 2.5	PASS
		VN	50	3.37	0.004763	± 2.5	PASS
	HCH	VN	-30	4.37	0.006125	± 2.5	PASS
		VN	-20	-0.49	-0.000687	± 2.5	PASS
		VN	-10	1.09	0.001528	± 2.5	PASS
		VN	0	-0.18	-0.000252	± 2.5	PASS
		VN	10	-1.75	-0.002453	± 2.5	PASS
		VN	20	2.1	0.002943	± 2.5	PASS
		VN	30	0.7	0.000981	± 2.5	PASS
		VN	40	2.36	0.003308	± 2.5	PASS
		VN	50	-0.68	-0.000953	± 2.5	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	0.4	0.000568	± 2.5	PASS
		VN	TN	1.48	0.002102	± 2.5	PASS
		VH	TN	-0.75	-0.001065	± 2.5	PASS
		VL	TN	-1.08	-0.001527	± 2.5	PASS
		VN	TN	-0.89	-0.001258	± 2.5	PASS

16QAM	MCH	VH	TN	1.14	0.001611	± 2.5	PASS
	HCH	VL	TN	-1.69	-0.002377	± 2.5	PASS
		VN	TN	2.21	0.003108	± 2.5	PASS
		VH	TN	1.72	0.002419	± 2.5	PASS
	LCH	VL	TN	3.75	0.005327	± 2.5	PASS
		VN	TN	-1.24	-0.001761	± 2.5	PASS
		VH	TN	-0.97	-0.001378	± 2.5	PASS
	MCH	VL	TN	0.05	0.000071	± 2.5	PASS
		VN	TN	-0.41	-0.000580	± 2.5	PASS
VH		TN	-1.79	-0.002530	± 2.5	PASS	
HCH	VL	TN	3.67	0.005162	± 2.5	PASS	
	VN	TN	-0.15	-0.000211	± 2.5	PASS	
	VH	TN	3.07	0.004318	± 2.5	PASS	
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.82	0.004006	± 2.5	PASS
		VN	-20	-1.24	-0.001761	± 2.5	PASS
		VN	-10	4.44	0.006307	± 2.5	PASS
		VN	0	2.95	0.004190	± 2.5	PASS
		VN	10	3.27	0.004645	± 2.5	PASS
		VN	20	3.08	0.004375	± 2.5	PASS
		VN	30	4.44	0.006307	± 2.5	PASS
		VN	40	-0.86	-0.001222	± 2.5	PASS
		VN	50	0.97	0.001378	± 2.5	PASS
	MCH	VN	-30	2.47	0.003491	± 2.5	PASS
		VN	-20	-1.9	-0.002686	± 2.5	PASS
		VN	-10	0.77	0.001088	± 2.5	PASS
		VN	0	-1.85	-0.002615	± 2.5	PASS
		VN	10	2.57	0.003633	± 2.5	PASS
		VN	20	2.53	0.003576	± 2.5	PASS
		VN	30	0.48	0.000678	± 2.5	PASS
		VN	40	-1.1	-0.001555	± 2.5	PASS
		VN	50	-1.82	-0.002572	± 2.5	PASS
	HCH	VN	-30	-1.98	-0.002785	± 2.5	PASS
		VN	-20	0.69	0.000970	± 2.5	PASS
		VN	-10	3.18	0.004473	± 2.5	PASS
		VN	0	-0.37	-0.000520	± 2.5	PASS
		VN	10	4.01	0.005640	± 2.5	PASS
		VN	20	4.73	0.006653	± 2.5	PASS
		VN	30	2.13	0.002996	± 2.5	PASS
		VN	40	0.64	0.000900	± 2.5	PASS
		VN	50	-0.54	-0.000759	± 2.5	PASS
16QAM	LCH	VN	-30	4.01	0.005696	± 2.5	PASS
		VN	-20	-1.89	-0.002685	± 2.5	PASS
		VN	-10	-0.74	-0.001051	± 2.5	PASS
		VN	0	4.72	0.006705	± 2.5	PASS
		VN	10	1.78	0.002528	± 2.5	PASS
		VN	20	4.39	0.006236	± 2.5	PASS
		VN	30	2.22	0.003153	± 2.5	PASS
		VN	40	-0.17	-0.000241	± 2.5	PASS

	MCH	VN	50	2.07	0.002940	± 2.5	PASS
		VN	-30	4.64	0.006558	± 2.5	PASS
		VN	-20	-1.47	-0.002078	± 2.5	PASS
		VN	-10	-0.5	-0.000707	± 2.5	PASS
		VN	0	3.25	0.004594	± 2.5	PASS
		VN	10	1.64	0.002318	± 2.5	PASS
		VN	20	2.84	0.004014	± 2.5	PASS
		VN	30	1.15	0.001625	± 2.5	PASS
		VN	40	1.4	0.001979	± 2.5	PASS
		VN	50	-1.16	-0.001640	± 2.5	PASS
	HCH	VN	-30	0.54	0.000759	± 2.5	PASS
		VN	-20	-0.39	-0.000549	± 2.5	PASS
		VN	-10	3.82	0.005373	± 2.5	PASS
		VN	0	2.31	0.003249	± 2.5	PASS
		VN	10	0.02	0.000028	± 2.5	PASS
		VN	20	1.72	0.002419	± 2.5	PASS
		VN	30	0.49	0.000689	± 2.5	PASS
		VN	40	2.11	0.002968	± 2.5	PASS
		VN	50	0.48	0.000675	± 2.5	PASS

Band 40 a

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	3.99	0.005702	± 2.5	PASS
		VN	TN	2.93	0.004188	± 2.5	PASS
		VH	TN	1.16	0.001658	± 2.5	PASS
	MCH	VL	TN	3.32	0.004693	± 2.5	PASS
		VN	TN	4.23	0.005979	± 2.5	PASS
		VH	TN	-1.54	-0.002177	± 2.5	PASS
	HCH	VL	TN	0.84	0.001174	± 2.5	PASS
		VN	TN	2.3	0.003215	± 2.5	PASS
		VH	TN	1.76	0.002461	± 2.5	PASS
16QAM	LCH	VL	TN	1.1	0.001572	± 2.5	PASS
		VN	TN	0.64	0.000915	± 2.5	PASS
		VH	TN	-1.76	-0.002515	± 2.5	PASS
	MCH	VL	TN	-1.71	-0.002417	± 2.5	PASS
		VN	TN	1.78	0.002516	± 2.5	PASS
		VH	TN	-1.1	-0.001555	± 2.5	PASS
	HCH	VL	TN	0	0.000000	± 2.5	PASS
		VN	TN	-0.84	-0.001174	± 2.5	PASS
		VH	TN	-1.31	-0.001831	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.45	-0.002072	± 2.5	PASS
		VN	-20	-1.48	-0.002115	± 2.5	PASS
		VN	-10	0.49	0.000700	± 2.5	PASS
		VN	0	0.3	0.000429	± 2.5	PASS

		VN	10	2.04	0.002916	± 2.5	PASS
		VN	20	4.15	0.005931	± 2.5	PASS
		VN	30	1.48	0.002115	± 2.5	PASS
		VN	40	-0.52	-0.000743	± 2.5	PASS
		VN	50	1.09	0.001558	± 2.5	PASS
	MCH	VN	-30	0.64	0.000905	± 2.5	PASS
		VN	-20	1.84	0.002601	± 2.5	PASS
		VN	-10	-0.19	-0.000269	± 2.5	PASS
		VN	0	2.44	0.003449	± 2.5	PASS
		VN	10	-1.92	-0.002714	± 2.5	PASS
		VN	20	0.44	0.000622	± 2.5	PASS
		VN	30	-0.46	-0.000650	± 2.5	PASS
		VN	40	2.29	0.003237	± 2.5	PASS
		VN	50	1.22	0.001724	± 2.5	PASS
	HCH	VN	-30	0.31	0.000433	± 2.5	PASS
		VN	-20	0.9	0.001258	± 2.5	PASS
		VN	-10	-1.63	-0.002279	± 2.5	PASS
		VN	0	3.62	0.005061	± 2.5	PASS
		VN	10	2.39	0.003341	± 2.5	PASS
		VN	20	0.79	0.001104	± 2.5	PASS
		VN	30	1.21	0.001692	± 2.5	PASS
		VN	40	3.88	0.005424	± 2.5	PASS
		VN	50	-1.31	-0.001831	± 2.5	PASS
16QAM	LCH	VN	-30	2.67	0.003816	± 2.5	PASS
		VN	-20	0.95	0.001358	± 2.5	PASS
		VN	-10	0.71	0.001015	± 2.5	PASS
		VN	0	-0.05	-0.000071	± 2.5	PASS
		VN	10	-1.64	-0.002344	± 2.5	PASS
		VN	20	0.26	0.000372	± 2.5	PASS
		VN	30	0	0.000000	± 2.5	PASS
		VN	40	-0.99	-0.001415	± 2.5	PASS
		VN	50	4.08	0.005831	± 2.5	PASS
	MCH	VN	-30	-0.01	-0.000014	± 2.5	PASS
		VN	-20	-1.87	-0.002643	± 2.5	PASS
		VN	-10	2.75	0.003887	± 2.5	PASS
		VN	0	3.25	0.004594	± 2.5	PASS
		VN	10	-0.07	-0.000099	± 2.5	PASS
		VN	20	3.11	0.004396	± 2.5	PASS
		VN	30	-1.04	-0.001470	± 2.5	PASS
		VN	40	2.55	0.003604	± 2.5	PASS
		VN	50	1.9	0.002686	± 2.5	PASS
	HCH	VN	-30	3.54	0.004949	± 2.5	PASS
		VN	-20	0.47	0.000657	± 2.5	PASS
		VN	-10	1.99	0.002782	± 2.5	PASS
		VN	0	2.25	0.003146	± 2.5	PASS
		VN	10	1.06	0.001482	± 2.5	PASS
		VN	20	-1.8	-0.002516	± 2.5	PASS
		VN	30	-0.52	-0.000727	± 2.5	PASS
		VN	40	-0.68	-0.000951	± 2.5	PASS
		VN	50	0.19	0.000266	± 2.5	PASS

Channel Bandwidth: 10MHz

Channel Bandwidth: 10MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.37	-0.000528	± 2.5	PASS
		VN	TN	3.26	0.004654	± 2.5	PASS
		VH	TN	4.07	0.005810	± 2.5	PASS
	MCH	VL	TN	3.5	0.004947	± 2.5	PASS
		VN	TN	0.12	0.000170	± 2.5	PASS
		VH	TN	4.02	0.005682	± 2.5	PASS
	HCH	VL	TN	0.71	0.000994	± 2.5	PASS
		VN	TN	1.67	0.002337	± 2.5	PASS
		VH	TN	4.24	0.005934	± 2.5	PASS
16QAM	LCH	VL	TN	0.89	0.001271	± 2.5	PASS
		VN	TN	4.71	0.006724	± 2.5	PASS
		VH	TN	1.71	0.002441	± 2.5	PASS
	MCH	VL	TN	-0.55	-0.000777	± 2.5	PASS
		VN	TN	1.76	0.002488	± 2.5	PASS
		VH	TN	1.53	0.002163	± 2.5	PASS
	HCH	VL	TN	4.63	0.006480	± 2.5	PASS
		VN	TN	3.22	0.004507	± 2.5	PASS
		VH	TN	0.43	0.000602	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.9	0.001285	± 2.5	PASS
		VN	-20	-0.97	-0.001385	± 2.5	PASS
		VN	-10	3.98	0.005682	± 2.5	PASS
		VN	0	2.6	0.003712	± 2.5	PASS
		VN	10	-0.48	-0.000685	± 2.5	PASS
		VN	20	-1.96	-0.002798	± 2.5	PASS
		VN	30	0.15	0.000214	± 2.5	PASS
		VN	40	2.28	0.003255	± 2.5	PASS
		VN	50	3.68	0.005253	± 2.5	PASS
	MCH	VN	-30	4.22	0.005965	± 2.5	PASS
		VN	-20	3.77	0.005329	± 2.5	PASS
		VN	-10	1.53	0.002163	± 2.5	PASS
		VN	0	3.29	0.004650	± 2.5	PASS
		VN	10	2.73	0.003859	± 2.5	PASS
		VN	20	1.91	0.002700	± 2.5	PASS
		VN	30	4.69	0.006629	± 2.5	PASS
		VN	40	-1.07	-0.001512	± 2.5	PASS
		VN	50	4.5	0.006360	± 2.5	PASS
	HCH	VN	-30	4.8	0.006718	± 2.5	PASS
		VN	-20	0.7	0.000980	± 2.5	PASS
		VN	-10	-1.92	-0.002687	± 2.5	PASS
		VN	0	3.35	0.004689	± 2.5	PASS
		VN	10	1.16	0.001624	± 2.5	PASS
		VN	20	0.2	0.000280	± 2.5	PASS
VN		30	-1.04	-0.001456	± 2.5	PASS	
VN		40	-0.2	-0.000280	± 2.5	PASS	

16QAM	LCH	VN	50	4.31	0.006032	± 2.5	PASS
		VN	-30	3.86	0.005510	± 2.5	PASS
		VN	-20	-0.48	-0.000685	± 2.5	PASS
		VN	-10	4.57	0.006524	± 2.5	PASS
		VN	0	2.14	0.003055	± 2.5	PASS
		VN	10	0.83	0.001185	± 2.5	PASS
		VN	20	3.17	0.004525	± 2.5	PASS
		VN	30	1.3	0.001856	± 2.5	PASS
		VN	40	3.79	0.005410	± 2.5	PASS
		VN	50	2.59	0.003697	± 2.5	PASS
	MCH	VN	-30	0.86	0.001216	± 2.5	PASS
		VN	-20	0.55	0.000777	± 2.5	PASS
		VN	-10	0	0.000000	± 2.5	PASS
		VN	0	-0.36	-0.000509	± 2.5	PASS
		VN	10	0.64	0.000905	± 2.5	PASS
		VN	20	4.68	0.006615	± 2.5	PASS
		VN	30	0.78	0.001102	± 2.5	PASS
		VN	40	-0.33	-0.000466	± 2.5	PASS
		VN	50	0.67	0.000947	± 2.5	PASS
	HCH	VN	-30	3.11	0.004353	± 2.5	PASS
		VN	-20	1.12	0.001568	± 2.5	PASS
		VN	-10	-0.95	-0.001330	± 2.5	PASS
		VN	0	4.47	0.006256	± 2.5	PASS
		VN	10	2.59	0.003625	± 2.5	PASS
		VN	20	-1.76	-0.002463	± 2.5	PASS
		VN	30	-0.97	-0.001358	± 2.5	PASS
		VN	40	0.81	0.001134	± 2.5	PASS
		VN	50	3.86	0.005510	± 2.5	PASS

Band 40 b

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.25	0.003207	± 2.5	PASS
		VN	TN	0.68	0.000969	± 2.5	PASS
		VH	TN	1.77	0.002523	± 2.5	PASS
	MCH	VL	TN	-0.96	-0.001357	± 2.5	PASS
		VN	TN	-1.21	-0.001710	± 2.5	PASS
		VH	TN	0.76	0.001074	± 2.5	PASS
	HCH	VL	TN	1.47	0.002060	± 2.5	PASS
		VN	TN	1.84	0.002579	± 2.5	PASS
		VH	TN	-1.16	-0.001626	± 2.5	PASS
16QAM	LCH	VL	TN	0.35	0.000499	± 2.5	PASS
		VN	TN	-1.32	-0.001882	± 2.5	PASS
		VH	TN	0.54	0.000770	± 2.5	PASS
	MCH	VL	TN	4.81	0.006799	± 2.5	PASS
		VN	TN	-0.63	-0.000890	± 2.5	PASS
		VH	TN	3.87	0.005470	± 2.5	PASS

	HCH	VL	TN	3.52	0.004933	± 2.5	PASS
		VN	TN	3.75	0.005256	± 2.5	PASS
		VH	TN	3.14	0.004401	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.25	-0.000356	± 2.5	PASS
		VN	-20	4.45	0.006344	± 2.5	PASS
		VN	-10	3.35	0.004775	± 2.5	PASS
		VN	0	4.14	0.005902	± 2.5	PASS
		VN	10	0.51	0.000727	± 2.5	PASS
		VN	20	4.95	0.007056	± 2.5	PASS
		VN	30	4.71	0.006714	± 2.5	PASS
		VN	40	-0.4	-0.000570	± 2.5	PASS
		VN	50	-1.77	-0.002523	± 2.5	PASS
	MCH	VN	-30	1.79	0.002530	± 2.5	PASS
		VN	-20	-1.26	-0.001781	± 2.5	PASS
		VN	-10	-0.66	-0.000933	± 2.5	PASS
		VN	0	-0.45	-0.000636	± 2.5	PASS
		VN	10	1.9	0.002686	± 2.5	PASS
		VN	20	0.52	0.000735	± 2.5	PASS
		VN	30	3.97	0.005611	± 2.5	PASS
		VN	40	-1.95	-0.002756	± 2.5	PASS
		VN	50	-1.57	-0.002219	± 2.5	PASS
	HCH	VN	-30	-1.2	-0.001682	± 2.5	PASS
		VN	-20	3.09	0.004331	± 2.5	PASS
		VN	-10	4.47	0.006265	± 2.5	PASS
		VN	0	-1.53	-0.002144	± 2.5	PASS
		VN	10	3.54	0.004961	± 2.5	PASS
		VN	20	-1.56	-0.002186	± 2.5	PASS
		VN	30	0.43	0.000603	± 2.5	PASS
		VN	40	3.15	0.004415	± 2.5	PASS
		VN	50	0.38	0.000533	± 2.5	PASS
16QAM	LCH	VN	-30	-1.51	-0.002153	± 2.5	PASS
		VN	-20	2.92	0.004163	± 2.5	PASS
		VN	-10	-1.51	-0.002153	± 2.5	PASS
		VN	0	3.28	0.004676	± 2.5	PASS
		VN	10	0.77	0.001098	± 2.5	PASS
		VN	20	-0.91	-0.001297	± 2.5	PASS
		VN	30	0.39	0.000556	± 2.5	PASS
		VN	40	1.72	0.002452	± 2.5	PASS
		VN	50	4.79	0.006828	± 2.5	PASS
	MCH	VN	-30	-1.51	-0.002134	± 2.5	PASS
		VN	-20	-0.45	-0.000636	± 2.5	PASS
		VN	-10	-0.62	-0.000876	± 2.5	PASS
		VN	0	-1.42	-0.002007	± 2.5	PASS
		VN	10	1.34	0.001894	± 2.5	PASS
		VN	20	-0.08	-0.000113	± 2.5	PASS
		VN	30	1.12	0.001583	± 2.5	PASS
		VN	40	4.94	0.006982	± 2.5	PASS
		VN	50	3.37	0.004763	± 2.5	PASS

	HCH	VN	-30	4.37	0.006125	± 2.5	PASS
		VN	-20	-0.49	-0.000687	± 2.5	PASS
		VN	-10	1.09	0.001528	± 2.5	PASS
		VN	0	-0.18	-0.000252	± 2.5	PASS
		VN	10	-1.75	-0.002453	± 2.5	PASS
		VN	20	2.1	0.002943	± 2.5	PASS
		VN	30	0.7	0.000981	± 2.5	PASS
		VN	40	2.36	0.003308	± 2.5	PASS
		VN	50	-0.68	-0.000953	± 2.5	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	0.4	0.000568	± 2.5	PASS
		VN	TN	1.48	0.002102	± 2.5	PASS
		VH	TN	-0.75	-0.001065	± 2.5	PASS
	MCH	VL	TN	-1.08	-0.001527	± 2.5	PASS
		VN	TN	-0.89	-0.001258	± 2.5	PASS
		VH	TN	1.14	0.001611	± 2.5	PASS
	HCH	VL	TN	-1.69	-0.002377	± 2.5	PASS
		VN	TN	2.21	0.003108	± 2.5	PASS
		VH	TN	1.72	0.002419	± 2.5	PASS
16QAM	LCH	VL	TN	3.75	0.005327	± 2.5	PASS
		VN	TN	-1.24	-0.001761	± 2.5	PASS
		VH	TN	-0.97	-0.001378	± 2.5	PASS
	MCH	VL	TN	0.05	0.000071	± 2.5	PASS
		VN	TN	-0.41	-0.000580	± 2.5	PASS
		VH	TN	-1.79	-0.002530	± 2.5	PASS
	HCH	VL	TN	3.67	0.005162	± 2.5	PASS
		VN	TN	-0.15	-0.000211	± 2.5	PASS
		VH	TN	3.07	0.004318	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	2.82	0.004006	± 2.5	PASS
		VN	-20	-1.24	-0.001761	± 2.5	PASS
		VN	-10	4.44	0.006307	± 2.5	PASS
		VN	0	2.95	0.004190	± 2.5	PASS
		VN	10	3.27	0.004645	± 2.5	PASS
		VN	20	3.08	0.004375	± 2.5	PASS
		VN	30	4.44	0.006307	± 2.5	PASS
		VN	40	-0.86	-0.001222	± 2.5	PASS
		VN	50	0.97	0.001378	± 2.5	PASS
	MCH	VN	-30	2.47	0.003491	± 2.5	PASS
		VN	-20	-1.9	-0.002686	± 2.5	PASS
		VN	-10	0.77	0.001088	± 2.5	PASS
		VN	0	-1.85	-0.002615	± 2.5	PASS
		VN	10	2.57	0.003633	± 2.5	PASS
		VN	20	2.53	0.003576	± 2.5	PASS

16QAM	HCH	VN	30	0.48	0.000678	± 2.5	PASS
		VN	40	-1.1	-0.001555	± 2.5	PASS
		VN	50	-1.82	-0.002572	± 2.5	PASS
		VN	-30	-1.98	-0.002785	± 2.5	PASS
		VN	-20	0.69	0.000970	± 2.5	PASS
		VN	-10	3.18	0.004473	± 2.5	PASS
		VN	0	-0.37	-0.000520	± 2.5	PASS
		VN	10	4.01	0.005640	± 2.5	PASS
		VN	20	4.73	0.006653	± 2.5	PASS
		VN	30	2.13	0.002996	± 2.5	PASS
		VN	40	0.64	0.000900	± 2.5	PASS
		VN	50	-0.54	-0.000759	± 2.5	PASS
	LCH	VN	-30	4.01	0.005696	± 2.5	PASS
		VN	-20	-1.89	-0.002685	± 2.5	PASS
		VN	-10	-0.74	-0.001051	± 2.5	PASS
		VN	0	4.72	0.006705	± 2.5	PASS
		VN	10	1.78	0.002528	± 2.5	PASS
		VN	20	4.39	0.006236	± 2.5	PASS
		VN	30	2.22	0.003153	± 2.5	PASS
		VN	40	-0.17	-0.000241	± 2.5	PASS
		VN	50	2.07	0.002940	± 2.5	PASS
	MCH	VN	-30	4.64	0.006558	± 2.5	PASS
		VN	-20	-1.47	-0.002078	± 2.5	PASS
		VN	-10	-0.5	-0.000707	± 2.5	PASS
		VN	0	3.25	0.004594	± 2.5	PASS
		VN	10	1.64	0.002318	± 2.5	PASS
		VN	20	2.84	0.004014	± 2.5	PASS
		VN	30	1.15	0.001625	± 2.5	PASS
		VN	40	1.4	0.001979	± 2.5	PASS
	HCH	VN	50	-1.16	-0.001640	± 2.5	PASS
		VN	-30	0.54	0.000759	± 2.5	PASS
		VN	-20	-0.39	-0.000549	± 2.5	PASS
		VN	-10	3.82	0.005373	± 2.5	PASS
		VN	0	2.31	0.003249	± 2.5	PASS
		VN	10	0.02	0.000028	± 2.5	PASS
		VN	20	1.72	0.002419	± 2.5	PASS
		VN	30	0.49	0.000689	± 2.5	PASS
		VN	40	2.11	0.002968	± 2.5	PASS
		VN	50	0.48	0.000675	± 2.5	PASS

Band 41
Channel Bandwidth: 5 MHz

Channel Bandwidth: 5.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	3.99	0.005702	± 2.5	PASS
		VN	TN	2.93	0.004188	± 2.5	PASS
		VH	TN	1.16	0.001658	± 2.5	PASS
		VL	TN	3.32	0.004693	± 2.5	PASS
		VN	TN	4.23	0.005979	± 2.5	PASS

	MCH	VH	TN	-1.54	-0.002177	± 2.5	PASS
	HCH	VL	TN	0.84	0.001174	± 2.5	PASS
		VN	TN	2.3	0.003215	± 2.5	PASS
		VH	TN	1.76	0.002461	± 2.5	PASS
16QAM	LCH	VL	TN	1.1	0.001572	± 2.5	PASS
		VN	TN	0.64	0.000915	± 2.5	PASS
		VH	TN	-1.76	-0.002515	± 2.5	PASS
	MCH	VL	TN	-1.71	-0.002417	± 2.5	PASS
		VN	TN	1.78	0.002516	± 2.5	PASS
		VH	TN	-1.1	-0.001555	± 2.5	PASS
	HCH	VL	TN	0	0.000000	± 2.5	PASS
		VN	TN	-0.84	-0.001174	± 2.5	PASS
VH		TN	-1.31	-0.001831	± 2.5	PASS	
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-1.45	-0.002072	± 2.5	PASS
		VN	-20	-1.48	-0.002115	± 2.5	PASS
		VN	-10	0.49	0.000700	± 2.5	PASS
		VN	0	0.3	0.000429	± 2.5	PASS
		VN	10	2.04	0.002916	± 2.5	PASS
		VN	20	4.15	0.005931	± 2.5	PASS
		VN	30	1.48	0.002115	± 2.5	PASS
		VN	40	-0.52	-0.000743	± 2.5	PASS
		VN	50	1.09	0.001558	± 2.5	PASS
	MCH	VN	-30	0.64	0.000905	± 2.5	PASS
		VN	-20	1.84	0.002601	± 2.5	PASS
		VN	-10	-0.19	-0.000269	± 2.5	PASS
		VN	0	2.44	0.003449	± 2.5	PASS
		VN	10	-1.92	-0.002714	± 2.5	PASS
		VN	20	0.44	0.000622	± 2.5	PASS
		VN	30	-0.46	-0.000650	± 2.5	PASS
		VN	40	2.29	0.003237	± 2.5	PASS
		VN	50	1.22	0.001724	± 2.5	PASS
	HCH	VN	-30	0.31	0.000433	± 2.5	PASS
		VN	-20	0.9	0.001258	± 2.5	PASS
		VN	-10	-1.63	-0.002279	± 2.5	PASS
		VN	0	3.62	0.005061	± 2.5	PASS
		VN	10	2.39	0.003341	± 2.5	PASS
		VN	20	0.79	0.001104	± 2.5	PASS
		VN	30	1.21	0.001692	± 2.5	PASS
		VN	40	3.88	0.005424	± 2.5	PASS
		VN	50	-1.31	-0.001831	± 2.5	PASS
16QAM	LCH	VN	-30	2.67	0.003816	± 2.5	PASS
		VN	-20	0.95	0.001358	± 2.5	PASS
		VN	-10	0.71	0.001015	± 2.5	PASS
		VN	0	-0.05	-0.000071	± 2.5	PASS
		VN	10	-1.64	-0.002344	± 2.5	PASS
		VN	20	0.26	0.000372	± 2.5	PASS
		VN	30	0	0.000000	± 2.5	PASS
		VN	40	-0.99	-0.001415	± 2.5	PASS

	MCH	VN	50	4.08	0.005831	± 2.5	PASS
		VN	-30	-0.01	-0.000014	± 2.5	PASS
		VN	-20	-1.87	-0.002643	± 2.5	PASS
		VN	-10	2.75	0.003887	± 2.5	PASS
		VN	0	3.25	0.004594	± 2.5	PASS
		VN	10	-0.07	-0.000099	± 2.5	PASS
		VN	20	3.11	0.004396	± 2.5	PASS
		VN	30	-1.04	-0.001470	± 2.5	PASS
		VN	40	2.55	0.003604	± 2.5	PASS
		VN	50	1.9	0.002686	± 2.5	PASS
	HCH	VN	-30	3.54	0.004949	± 2.5	PASS
		VN	-20	0.47	0.000657	± 2.5	PASS
		VN	-10	1.99	0.002782	± 2.5	PASS
		VN	0	2.25	0.003146	± 2.5	PASS
		VN	10	1.06	0.001482	± 2.5	PASS
		VN	20	-1.8	-0.002516	± 2.5	PASS
		VN	30	-0.52	-0.000727	± 2.5	PASS
		VN	40	-0.68	-0.000951	± 2.5	PASS
		VN	50	0.19	0.000266	± 2.5	PASS

Channel Bandwidth: 10MHz

Channel Bandwidth: 10MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	-0.37	-0.000528	± 2.5	PASS
		VN	TN	3.26	0.004654	± 2.5	PASS
		VH	TN	4.07	0.005810	± 2.5	PASS
	MCH	VL	TN	3.5	0.004947	± 2.5	PASS
		VN	TN	0.12	0.000170	± 2.5	PASS
		VH	TN	4.02	0.005682	± 2.5	PASS
	HCH	VL	TN	0.71	0.000994	± 2.5	PASS
		VN	TN	1.67	0.002337	± 2.5	PASS
		VH	TN	4.24	0.005934	± 2.5	PASS
16QAM	LCH	VL	TN	0.89	0.001271	± 2.5	PASS
		VN	TN	4.71	0.006724	± 2.5	PASS
		VH	TN	1.71	0.002441	± 2.5	PASS
	MCH	VL	TN	-0.55	-0.000777	± 2.5	PASS
		VN	TN	1.76	0.002488	± 2.5	PASS
		VH	TN	1.53	0.002163	± 2.5	PASS
	HCH	VL	TN	4.63	0.006480	± 2.5	PASS
		VN	TN	3.22	0.004507	± 2.5	PASS
		VH	TN	0.43	0.000602	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	0.9	0.001285	± 2.5	PASS
		VN	-20	-0.97	-0.001385	± 2.5	PASS
		VN	-10	3.98	0.005682	± 2.5	PASS
		VN	0	2.6	0.003712	± 2.5	PASS
		VN	10	-0.48	-0.000685	± 2.5	PASS

			VN	20	-1.96	-0.002798	± 2.5	PASS
			VN	30	0.15	0.000214	± 2.5	PASS
			VN	40	2.28	0.003255	± 2.5	PASS
			VN	50	3.68	0.005253	± 2.5	PASS
		MCH	VN	-30	4.22	0.005965	± 2.5	PASS
			VN	-20	3.77	0.005329	± 2.5	PASS
			VN	-10	1.53	0.002163	± 2.5	PASS
			VN	0	3.29	0.004650	± 2.5	PASS
			VN	10	2.73	0.003859	± 2.5	PASS
			VN	20	1.91	0.002700	± 2.5	PASS
			VN	30	4.69	0.006629	± 2.5	PASS
			VN	40	-1.07	-0.001512	± 2.5	PASS
			VN	50	4.5	0.006360	± 2.5	PASS
		HCH	VN	-30	4.8	0.006718	± 2.5	PASS
			VN	-20	0.7	0.000980	± 2.5	PASS
			VN	-10	-1.92	-0.002687	± 2.5	PASS
			VN	0	3.35	0.004689	± 2.5	PASS
			VN	10	1.16	0.001624	± 2.5	PASS
			VN	20	0.2	0.000280	± 2.5	PASS
			VN	30	-1.04	-0.001456	± 2.5	PASS
			VN	40	-0.2	-0.000280	± 2.5	PASS
			VN	50	4.31	0.006032	± 2.5	PASS
16QAM	LCH		VN	-30	3.86	0.005510	± 2.5	PASS
			VN	-20	-0.48	-0.000685	± 2.5	PASS
			VN	-10	4.57	0.006524	± 2.5	PASS
			VN	0	2.14	0.003055	± 2.5	PASS
			VN	10	0.83	0.001185	± 2.5	PASS
			VN	20	3.17	0.004525	± 2.5	PASS
			VN	30	1.3	0.001856	± 2.5	PASS
			VN	40	3.79	0.005410	± 2.5	PASS
		MCH	VN	50	2.59	0.003697	± 2.5	PASS
			VN	-30	0.86	0.001216	± 2.5	PASS
			VN	-20	0.55	0.000777	± 2.5	PASS
			VN	-10	0	0.000000	± 2.5	PASS
			VN	0	-0.36	-0.000509	± 2.5	PASS
			VN	10	0.64	0.000905	± 2.5	PASS
			VN	20	4.68	0.006615	± 2.5	PASS
			VN	30	0.78	0.001102	± 2.5	PASS
			VN	40	-0.33	-0.000466	± 2.5	PASS
			VN	50	0.67	0.000947	± 2.5	PASS
	HCH		VN	-30	3.11	0.004353	± 2.5	PASS
			VN	-20	1.12	0.001568	± 2.5	PASS
			VN	-10	-0.95	-0.001330	± 2.5	PASS
			VN	0	4.47	0.006256	± 2.5	PASS
			VN	10	2.59	0.003625	± 2.5	PASS
			VN	20	-1.76	-0.002463	± 2.5	PASS
			VN	30	-0.97	-0.001358	± 2.5	PASS
			VN	40	0.81	0.001134	± 2.5	PASS
			VN	50	3.86	0.005510	± 2.5	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	2.25	0.003207	± 2.5	PASS
		VN	TN	0.68	0.000969	± 2.5	PASS
		VH	TN	1.77	0.002523	± 2.5	PASS
	MCH	VL	TN	-0.96	-0.001357	± 2.5	PASS
		VN	TN	-1.21	-0.001710	± 2.5	PASS
		VH	TN	0.76	0.001074	± 2.5	PASS
	HCH	VL	TN	1.47	0.002060	± 2.5	PASS
		VN	TN	1.84	0.002579	± 2.5	PASS
		VH	TN	-1.16	-0.001626	± 2.5	PASS
16QAM	LCH	VL	TN	0.35	0.000499	± 2.5	PASS
		VN	TN	-1.32	-0.001882	± 2.5	PASS
		VH	TN	0.54	0.000770	± 2.5	PASS
	MCH	VL	TN	4.81	0.006799	± 2.5	PASS
		VN	TN	-0.63	-0.000890	± 2.5	PASS
		VH	TN	3.87	0.005470	± 2.5	PASS
	HCH	VL	TN	3.52	0.004933	± 2.5	PASS
		VN	TN	3.75	0.005256	± 2.5	PASS
		VH	TN	3.14	0.004401	± 2.5	PASS
Temperature							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VN	-30	-0.25	-0.000356	± 2.5	PASS
		VN	-20	4.45	0.006344	± 2.5	PASS
		VN	-10	3.35	0.004775	± 2.5	PASS
		VN	0	4.14	0.005902	± 2.5	PASS
		VN	10	0.51	0.000727	± 2.5	PASS
		VN	20	4.95	0.007056	± 2.5	PASS
		VN	30	4.71	0.006714	± 2.5	PASS
		VN	40	-0.4	-0.000570	± 2.5	PASS
		VN	50	-1.77	-0.002523	± 2.5	PASS
	MCH	VN	-30	1.79	0.002530	± 2.5	PASS
		VN	-20	-1.26	-0.001781	± 2.5	PASS
		VN	-10	-0.66	-0.000933	± 2.5	PASS
		VN	0	-0.45	-0.000636	± 2.5	PASS
		VN	10	1.9	0.002686	± 2.5	PASS
		VN	20	0.52	0.000735	± 2.5	PASS
		VN	30	3.97	0.005611	± 2.5	PASS
		VN	40	-1.95	-0.002756	± 2.5	PASS
		VN	50	-1.57	-0.002219	± 2.5	PASS
	HCH	VN	-30	-1.2	-0.001682	± 2.5	PASS
		VN	-20	3.09	0.004331	± 2.5	PASS
		VN	-10	4.47	0.006265	± 2.5	PASS
		VN	0	-1.53	-0.002144	± 2.5	PASS
		VN	10	3.54	0.004961	± 2.5	PASS
		VN	20	-1.56	-0.002186	± 2.5	PASS
		VN	30	0.43	0.000603	± 2.5	PASS
		VN	40	3.15	0.004415	± 2.5	PASS
		VN	50	0.38	0.000533	± 2.5	PASS

16QAM	LCH	VN	-30	-1.51	-0.002153	± 2.5	PASS
		VN	-20	2.92	0.004163	± 2.5	PASS
		VN	-10	-1.51	-0.002153	± 2.5	PASS
		VN	0	3.28	0.004676	± 2.5	PASS
		VN	10	0.77	0.001098	± 2.5	PASS
		VN	20	-0.91	-0.001297	± 2.5	PASS
		VN	30	0.39	0.000556	± 2.5	PASS
		VN	40	1.72	0.002452	± 2.5	PASS
	MCH	VN	50	4.79	0.006828	± 2.5	PASS
		VN	-30	-1.51	-0.002134	± 2.5	PASS
		VN	-20	-0.45	-0.000636	± 2.5	PASS
		VN	-10	-0.62	-0.000876	± 2.5	PASS
		VN	0	-1.42	-0.002007	± 2.5	PASS
		VN	10	1.34	0.001894	± 2.5	PASS
		VN	20	-0.08	-0.000113	± 2.5	PASS
		VN	30	1.12	0.001583	± 2.5	PASS
	HCH	VN	40	4.94	0.006982	± 2.5	PASS
		VN	50	3.37	0.004763	± 2.5	PASS
		VN	-30	4.37	0.006125	± 2.5	PASS
		VN	-20	-0.49	-0.000687	± 2.5	PASS
		VN	-10	1.09	0.001528	± 2.5	PASS
		VN	0	-0.18	-0.000252	± 2.5	PASS
		VN	10	-1.75	-0.002453	± 2.5	PASS
		VN	20	2.1	0.002943	± 2.5	PASS
		VN	30	0.7	0.000981	± 2.5	PASS
		VN	40	2.36	0.003308	± 2.5	PASS
		VN	50	-0.68	-0.000953	± 2.5	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20.0MHz							
Voltage							
Modulation	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
QPSK	LCH	VL	TN	0.4	0.000568	± 2.5	PASS
		VN	TN	1.48	0.002102	± 2.5	PASS
		VH	TN	-0.75	-0.001065	± 2.5	PASS
	MCH	VL	TN	-1.08	-0.001527	± 2.5	PASS
		VN	TN	-0.89	-0.001258	± 2.5	PASS
		VH	TN	1.14	0.001611	± 2.5	PASS
	HCH	VL	TN	-1.69	-0.002377	± 2.5	PASS
		VN	TN	2.21	0.003108	± 2.5	PASS
		VH	TN	1.72	0.002419	± 2.5	PASS
16QAM	LCH	VL	TN	3.75	0.005327	± 2.5	PASS
		VN	TN	-1.24	-0.001761	± 2.5	PASS
		VH	TN	-0.97	-0.001378	± 2.5	PASS
	MCH	VL	TN	0.05	0.000071	± 2.5	PASS
		VN	TN	-0.41	-0.000580	± 2.5	PASS
		VH	TN	-1.79	-0.002530	± 2.5	PASS
	HCH	VL	TN	3.67	0.005162	± 2.5	PASS
		VN	TN	-0.15	-0.000211	± 2.5	PASS
		VH	TN	3.07	0.004318	± 2.5	PASS

Modulation	Channel	Voltage [Vdc]	Temperature				Verdict
			Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
QPSK	LCH	VN	-30	2.82	0.004006	± 2.5	PASS
		VN	-20	-1.24	-0.001761	± 2.5	PASS
		VN	-10	4.44	0.006307	± 2.5	PASS
		VN	0	2.95	0.004190	± 2.5	PASS
		VN	10	3.27	0.004645	± 2.5	PASS
		VN	20	3.08	0.004375	± 2.5	PASS
		VN	30	4.44	0.006307	± 2.5	PASS
		VN	40	-0.86	-0.001222	± 2.5	PASS
		VN	50	0.97	0.001378	± 2.5	PASS
	MCH	VN	-30	2.47	0.003491	± 2.5	PASS
		VN	-20	-1.9	-0.002686	± 2.5	PASS
		VN	-10	0.77	0.001088	± 2.5	PASS
		VN	0	-1.85	-0.002615	± 2.5	PASS
		VN	10	2.57	0.003633	± 2.5	PASS
		VN	20	2.53	0.003576	± 2.5	PASS
		VN	30	0.48	0.000678	± 2.5	PASS
		VN	40	-1.1	-0.001555	± 2.5	PASS
		VN	50	-1.82	-0.002572	± 2.5	PASS
	HCH	VN	-30	-1.98	-0.002785	± 2.5	PASS
		VN	-20	0.69	0.000970	± 2.5	PASS
		VN	-10	3.18	0.004473	± 2.5	PASS
		VN	0	-0.37	-0.000520	± 2.5	PASS
		VN	10	4.01	0.005640	± 2.5	PASS
		VN	20	4.73	0.006653	± 2.5	PASS
		VN	30	2.13	0.002996	± 2.5	PASS
		VN	40	0.64	0.000900	± 2.5	PASS
		VN	50	-0.54	-0.000759	± 2.5	PASS
16QAM	LCH	VN	-30	4.01	0.005696	± 2.5	PASS
		VN	-20	-1.89	-0.002685	± 2.5	PASS
		VN	-10	-0.74	-0.001051	± 2.5	PASS
		VN	0	4.72	0.006705	± 2.5	PASS
		VN	10	1.78	0.002528	± 2.5	PASS
		VN	20	4.39	0.006236	± 2.5	PASS
		VN	30	2.22	0.003153	± 2.5	PASS
		VN	40	-0.17	-0.000241	± 2.5	PASS
		VN	50	2.07	0.002940	± 2.5	PASS
	MCH	VN	-30	4.64	0.006558	± 2.5	PASS
		VN	-20	-1.47	-0.002078	± 2.5	PASS
		VN	-10	-0.5	-0.000707	± 2.5	PASS
		VN	0	3.25	0.004594	± 2.5	PASS
		VN	10	1.64	0.002318	± 2.5	PASS
		VN	20	2.84	0.004014	± 2.5	PASS
		VN	30	1.15	0.001625	± 2.5	PASS
		VN	40	1.4	0.001979	± 2.5	PASS
		VN	50	-1.16	-0.001640	± 2.5	PASS
	HCH	VN	-30	0.54	0.000759	± 2.5	PASS
		VN	-20	-0.39	-0.000549	± 2.5	PASS
		VN	-10	3.82	0.005373	± 2.5	PASS

		VN	0	2.31	0.003249	± 2.5	PASS
		VN	10	0.02	0.000028	± 2.5	PASS
		VN	20	1.72	0.002419	± 2.5	PASS
		VN	30	0.49	0.000689	± 2.5	PASS
		VN	40	2.11	0.002968	± 2.5	PASS
		VN	50	0.48	0.000675	± 2.5	PASS

