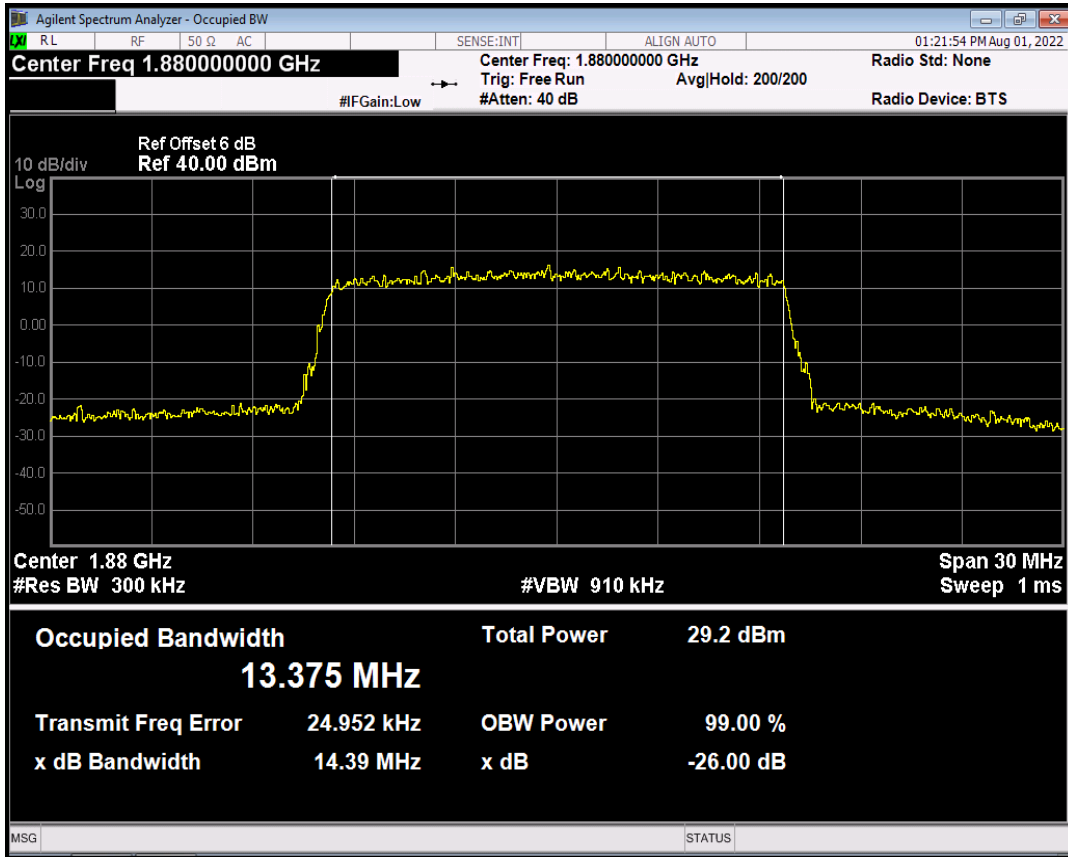
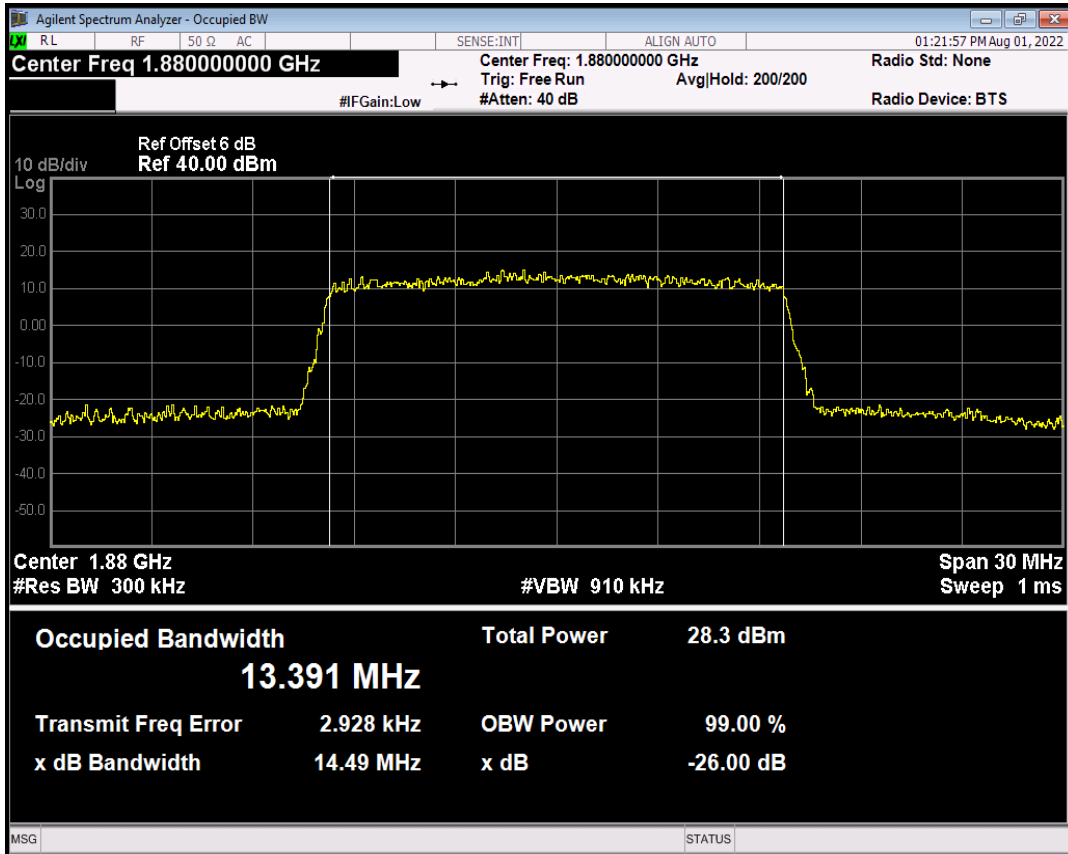


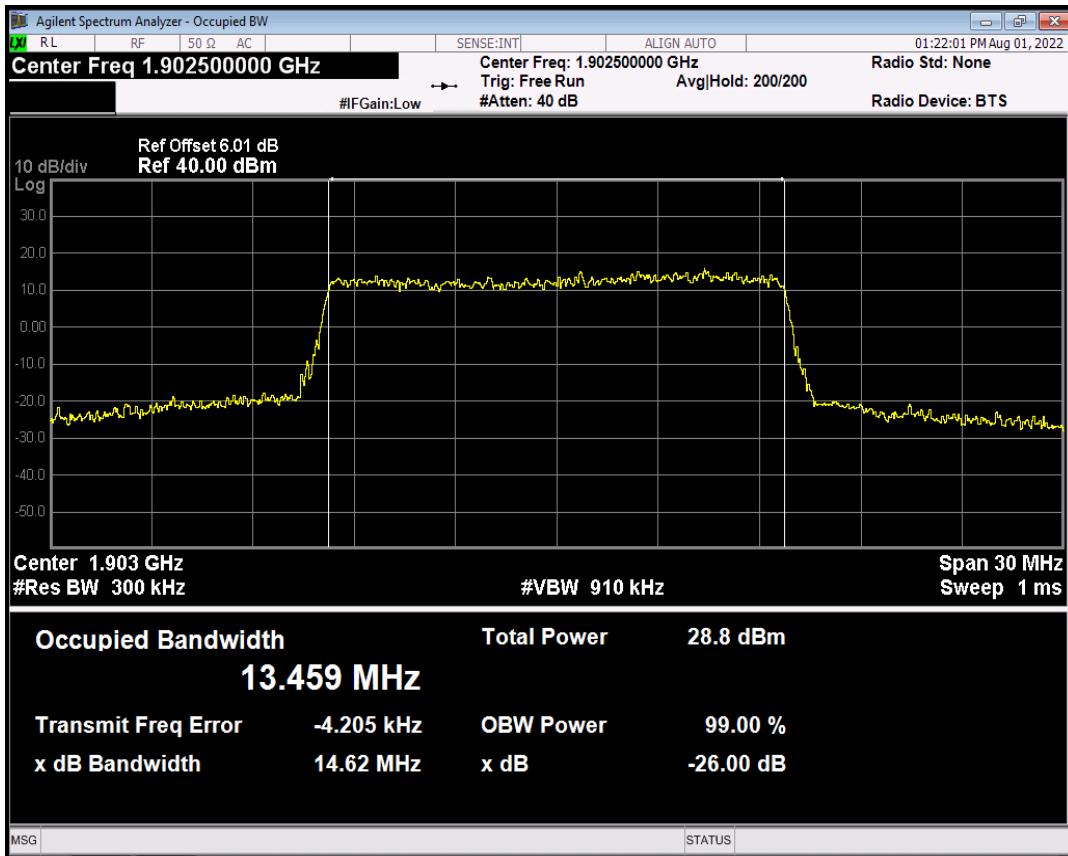
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



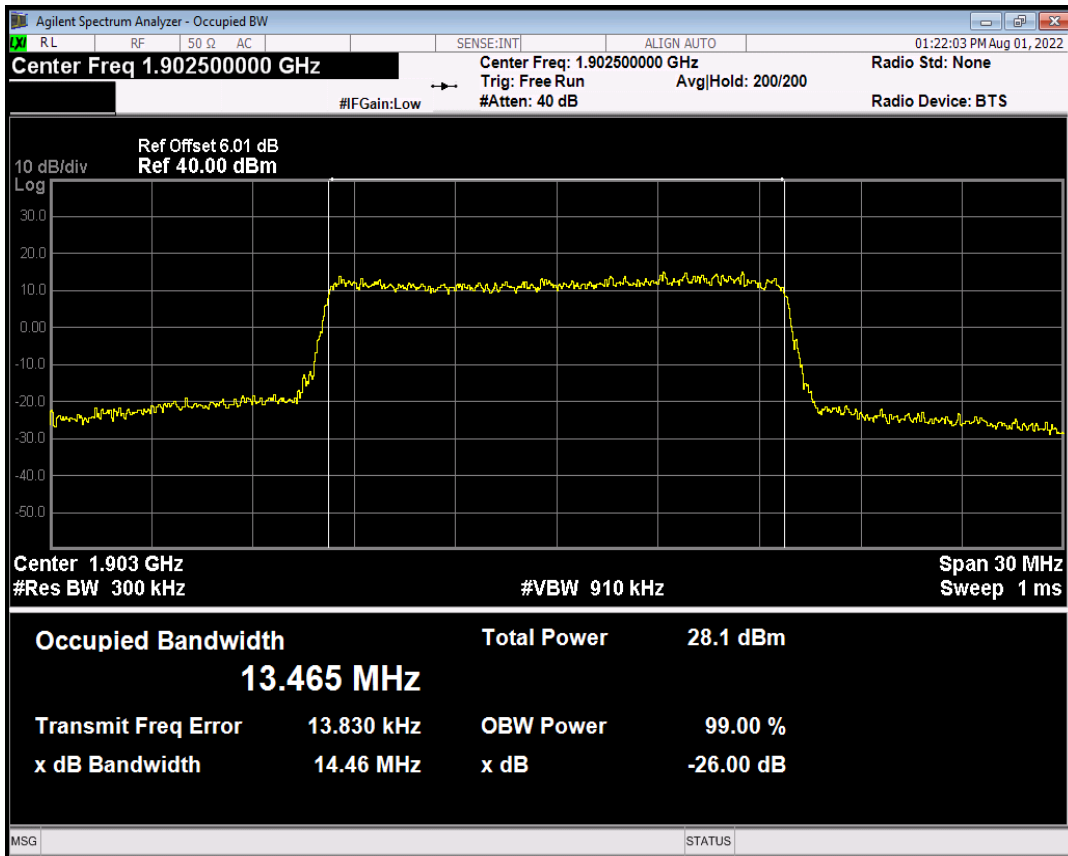
Band2 QAM16 BW=15MHz Channel=18900 RB Size=75 Position=#0



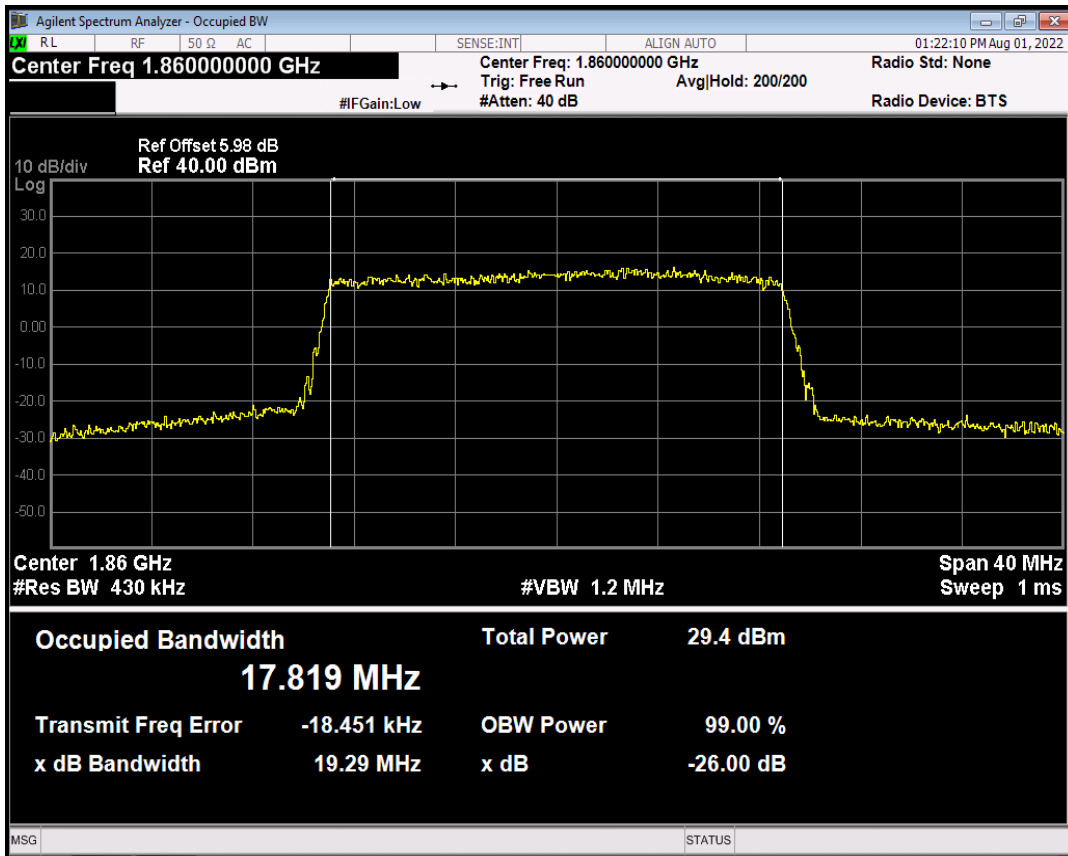
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



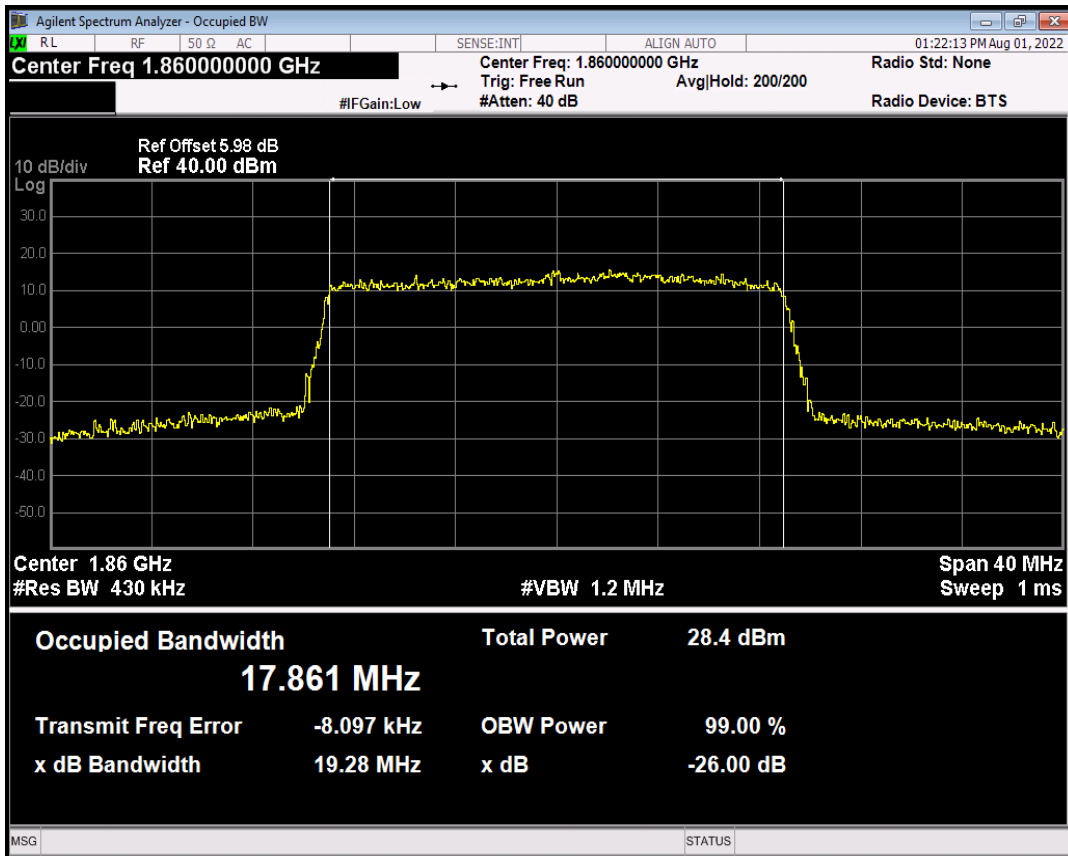
Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0



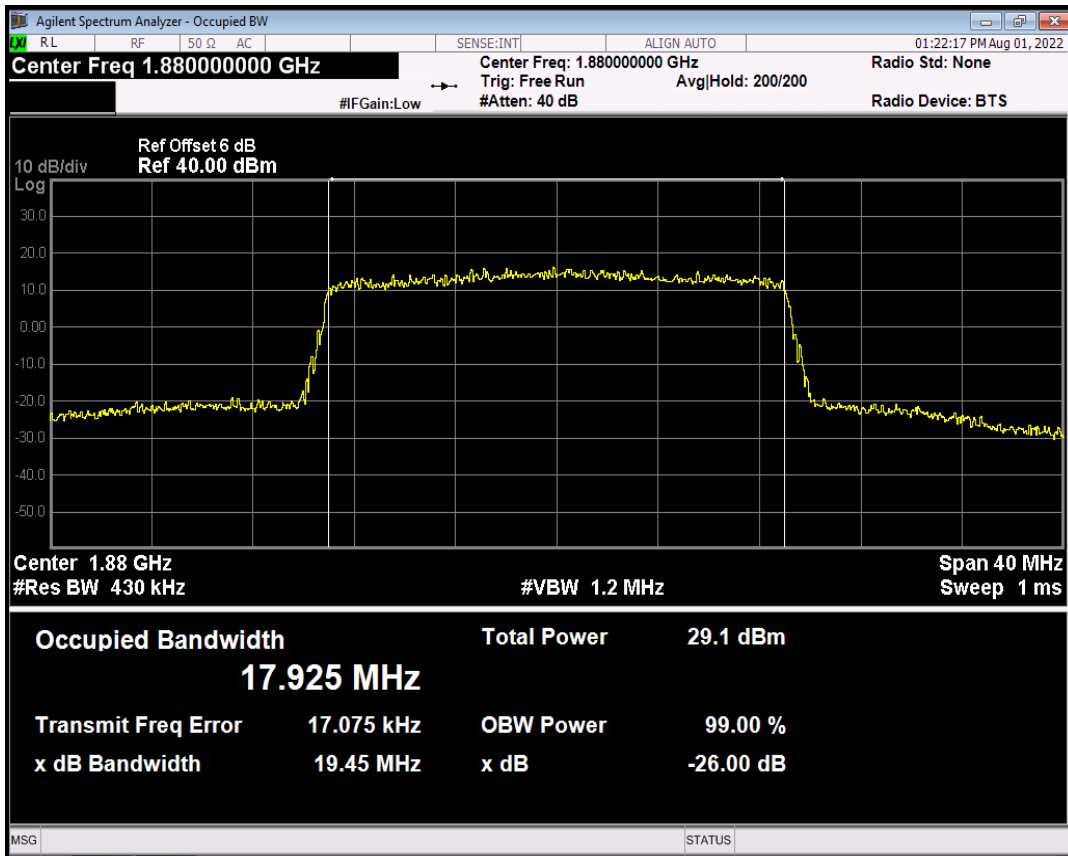
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



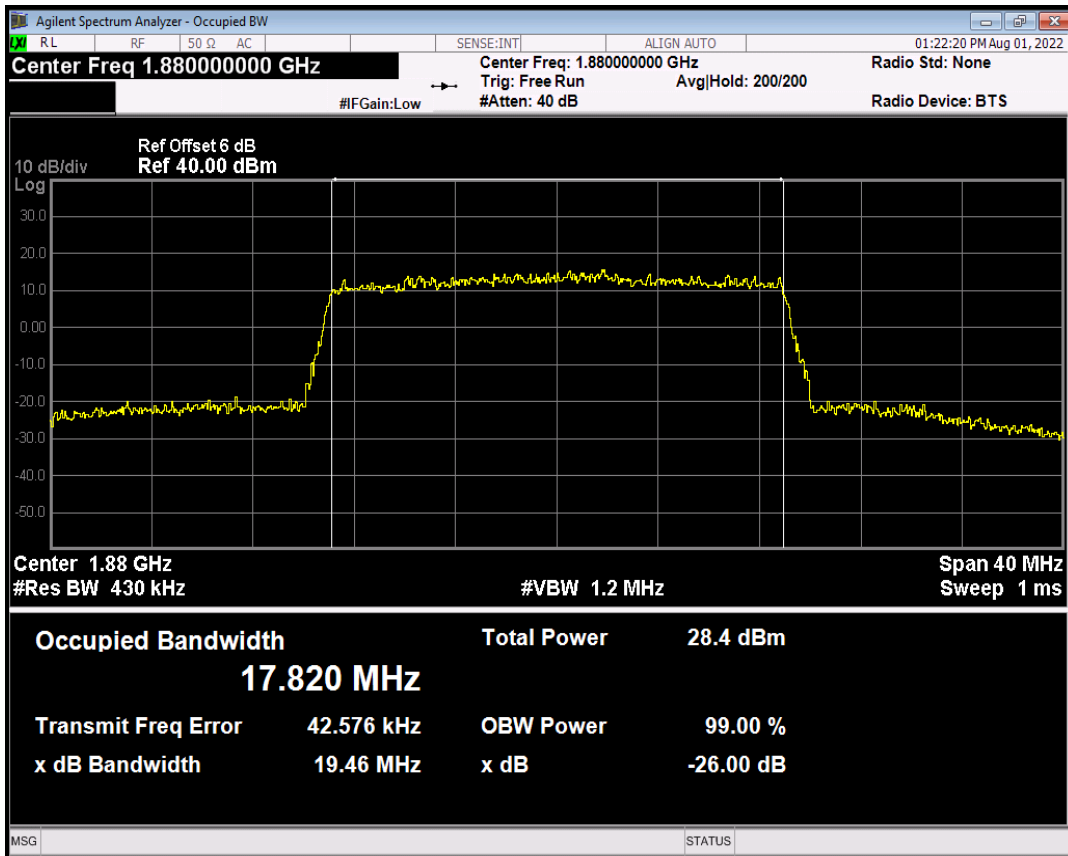
Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0



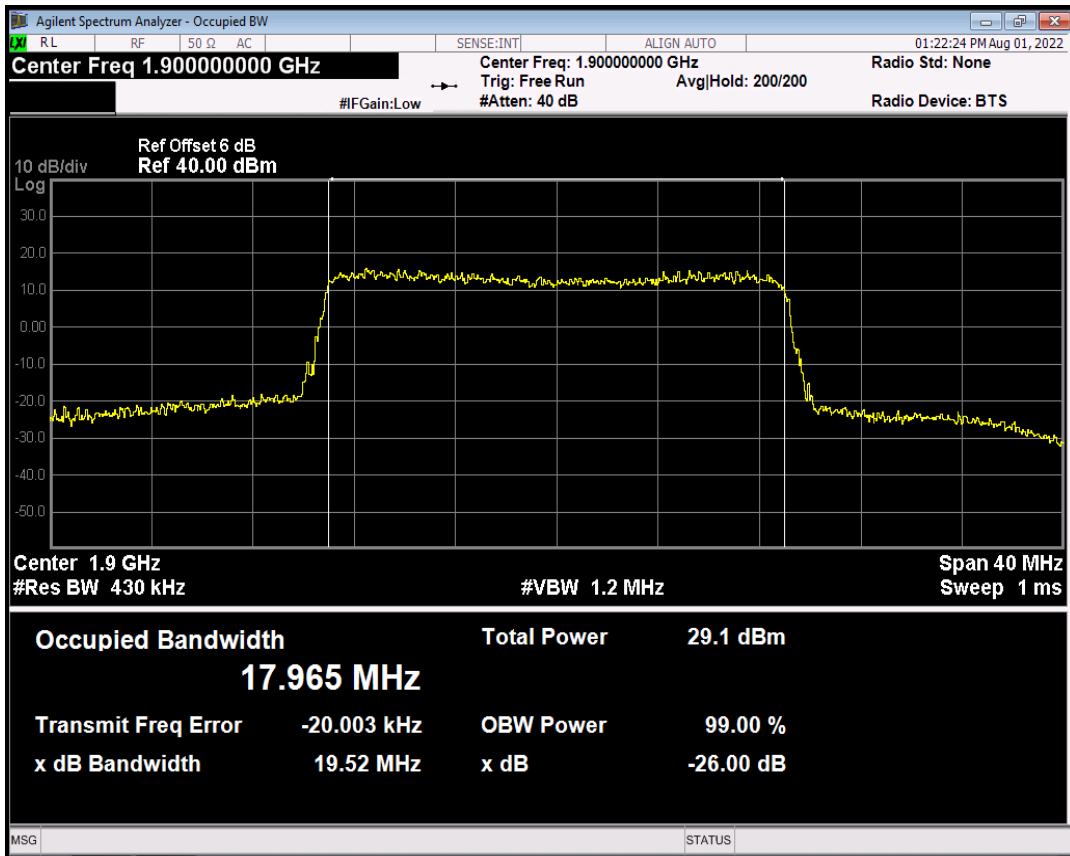
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



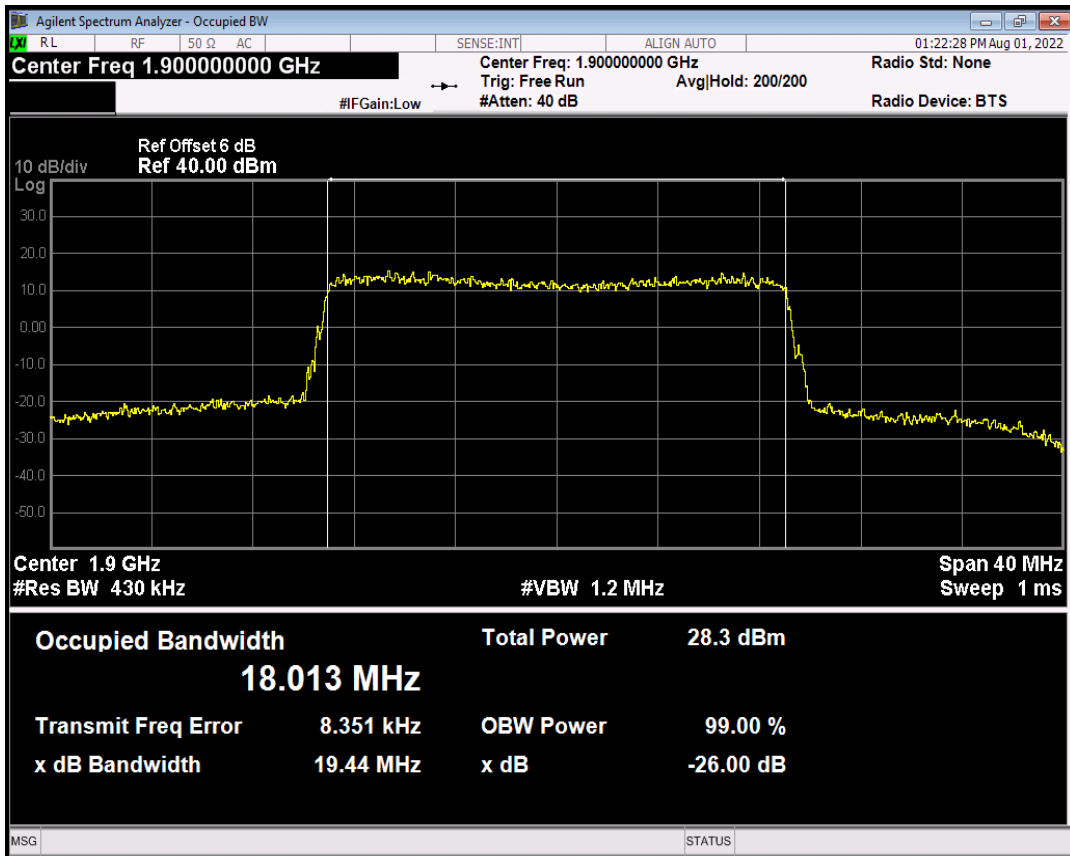
Band2 QAM16 BW=20MHz Channel=18900 RB Size=100 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0



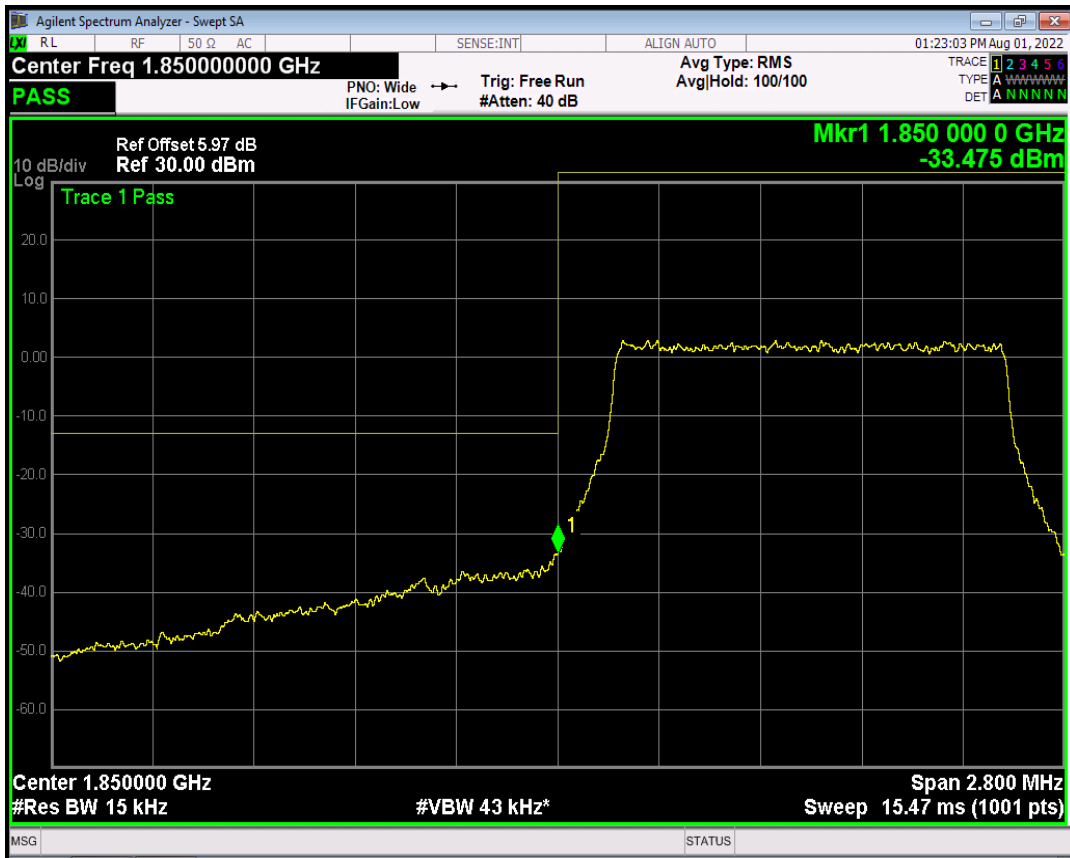
## Appendix5. Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	1850.00	-32.59	-13	PASS
Band2	1.4	18607	6	#0	QAM16	1850.00	-33.47	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-33.87	-13	PASS
Band2	1.4	19193	6	#0	QAM16	1910.00	-35.31	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-29.01	-13	PASS
Band2	3	18615	15	#0	QAM16	1850.00	-30.30	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.00	-32.28	-13	PASS
Band2	3	19185	15	#0	QAM16	1910.00	-33.41	-13	PASS
Band2	5	18625	25	#0	QPSK	1849.99	-30.91	-13	PASS
Band2	5	18625	25	#0	QAM16	1849.99	-30.57	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-32.70	-13	PASS
Band2	5	19175	25	#0	QAM16	1910.01	-32.22	-13	PASS
Band2	10	18650	50	#0	QPSK	1850.00	-31.78	-13	PASS
Band2	10	18650	50	#0	QAM16	1849.94	-32.86	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.04	-32.32	-13	PASS
Band2	10	19150	50	#0	QAM16	1910.00	-33.75	-13	PASS
Band2	15	18675	75	#0	QPSK	1850.00	-32.46	-13	PASS
Band2	15	18675	75	#0	QAM16	1849.94	-33.74	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.57	-29.70	-13	PASS
Band2	15	19125	75	#0	QAM16	1910.84	-32.01	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.12	-33.33	-13	PASS
Band2	20	18700	100	#0	QAM16	1849.96	-33.50	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.00	-32.79	-13	PASS
Band2	20	19100	100	#0	QAM16	1910.08	-33.92	-13	PASS

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0

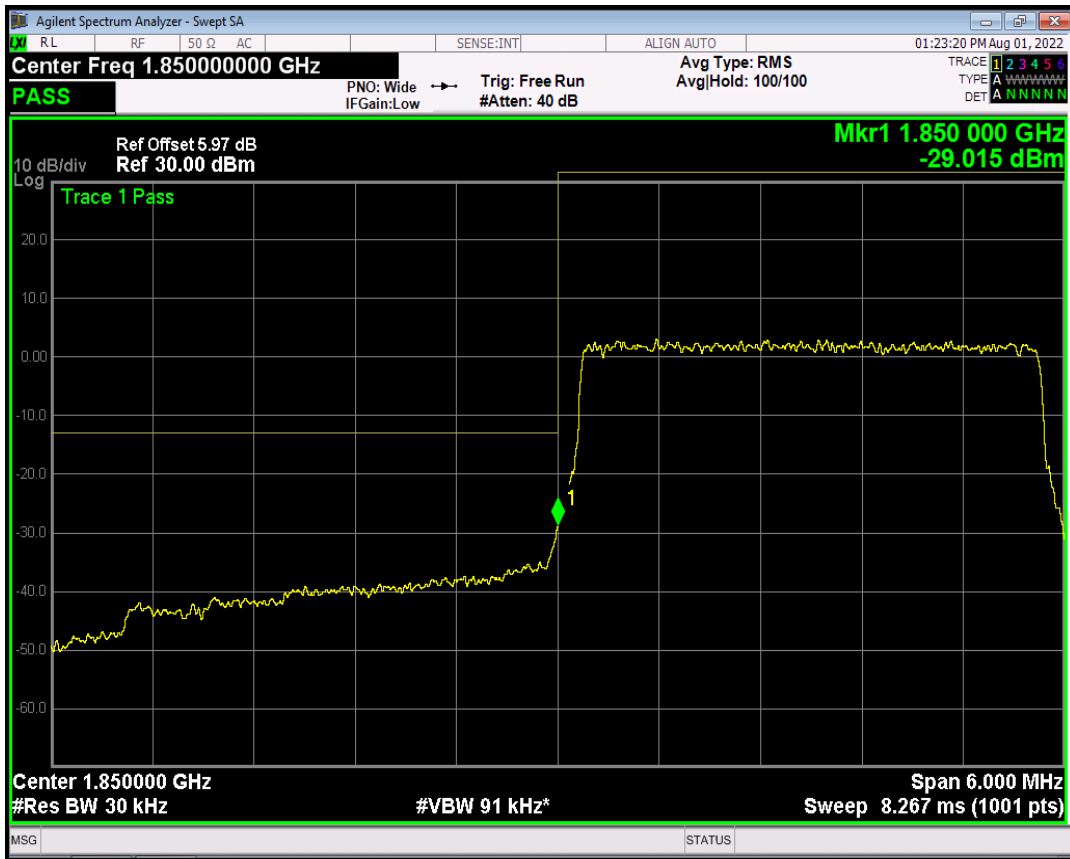


Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0

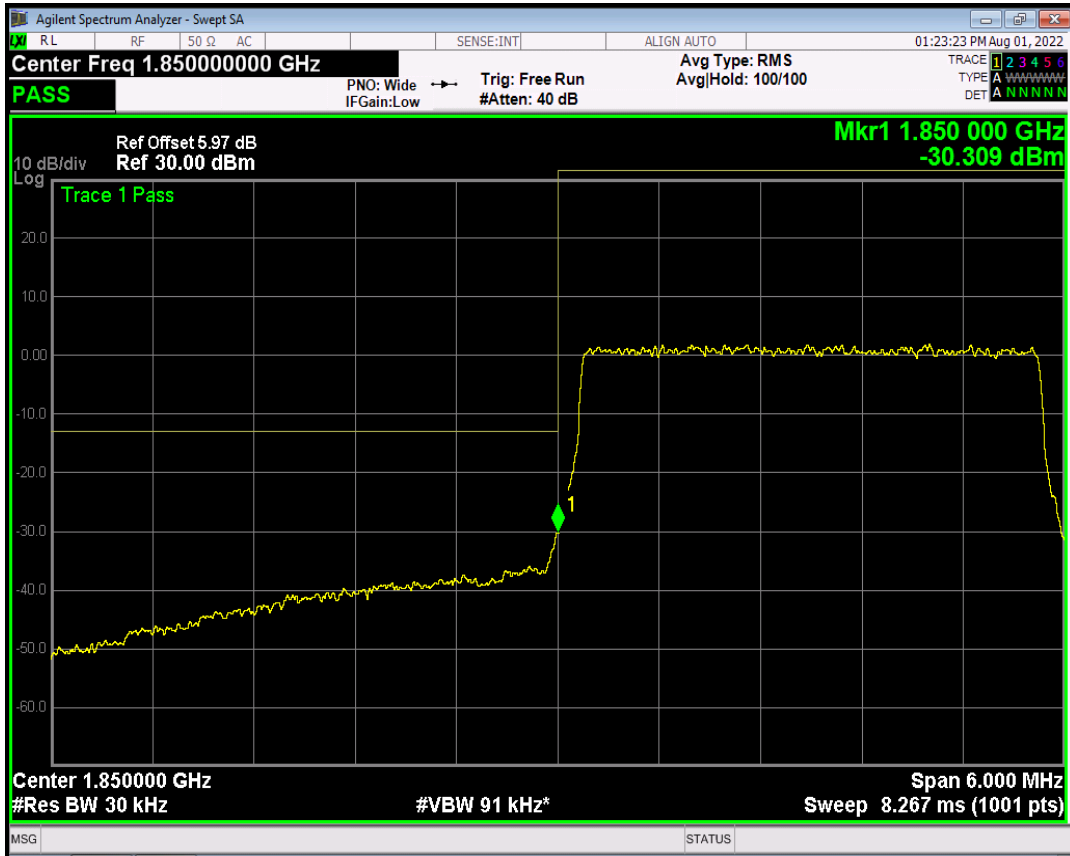




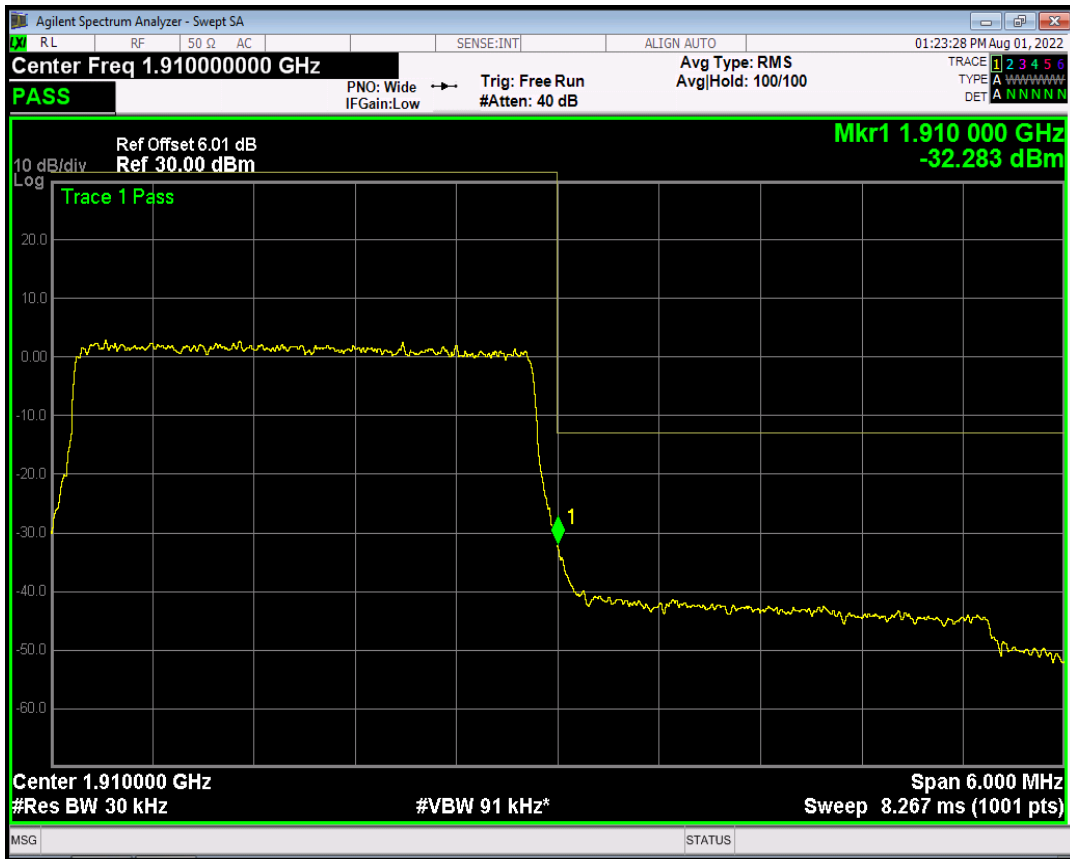
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



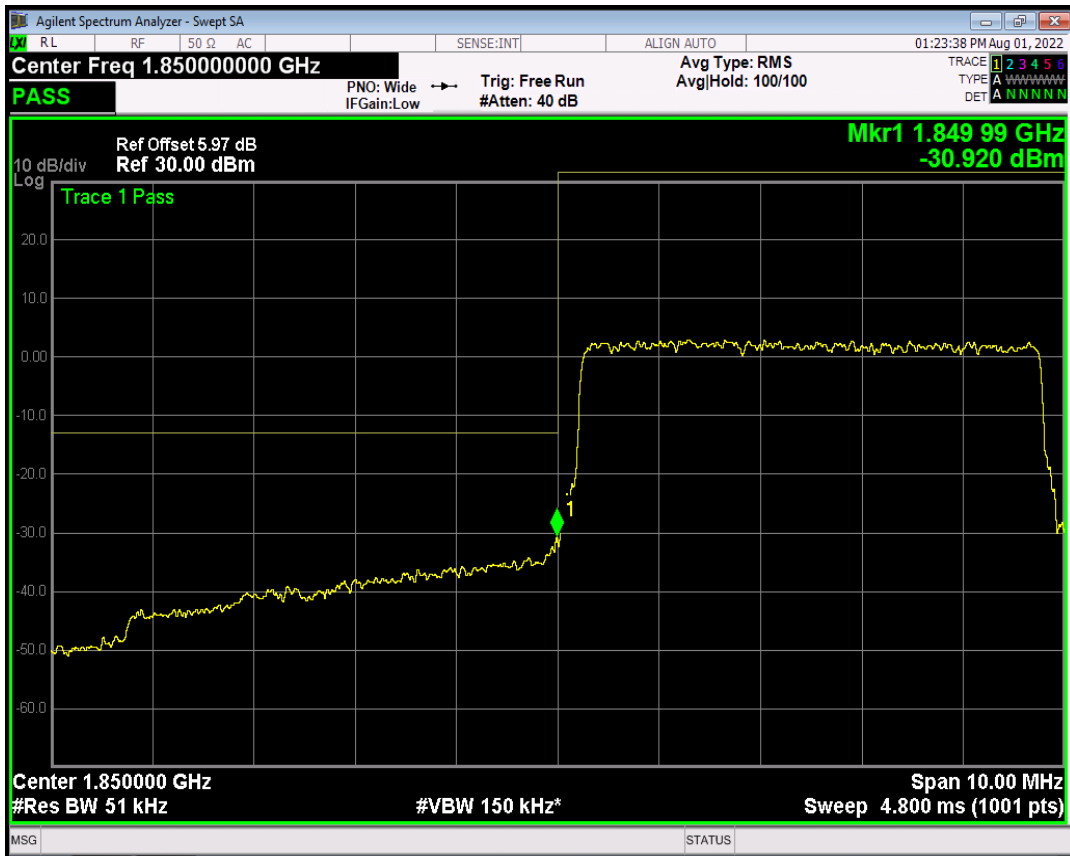
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



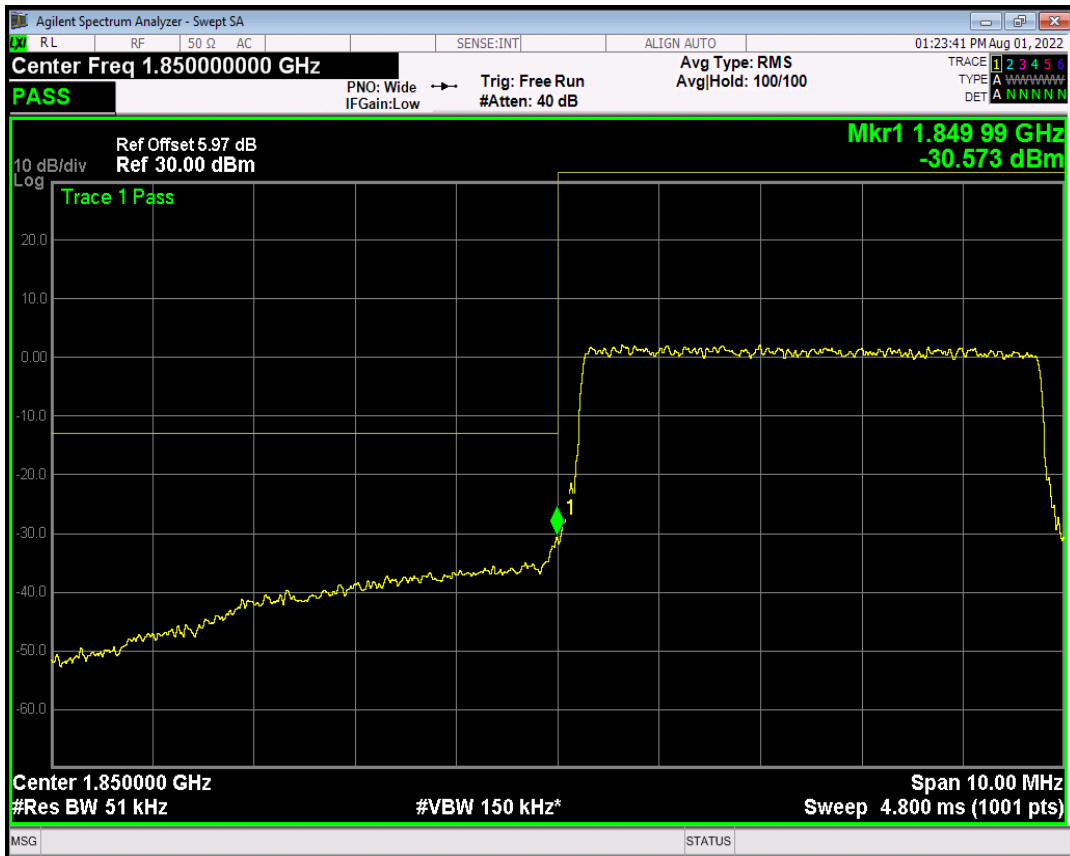
Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



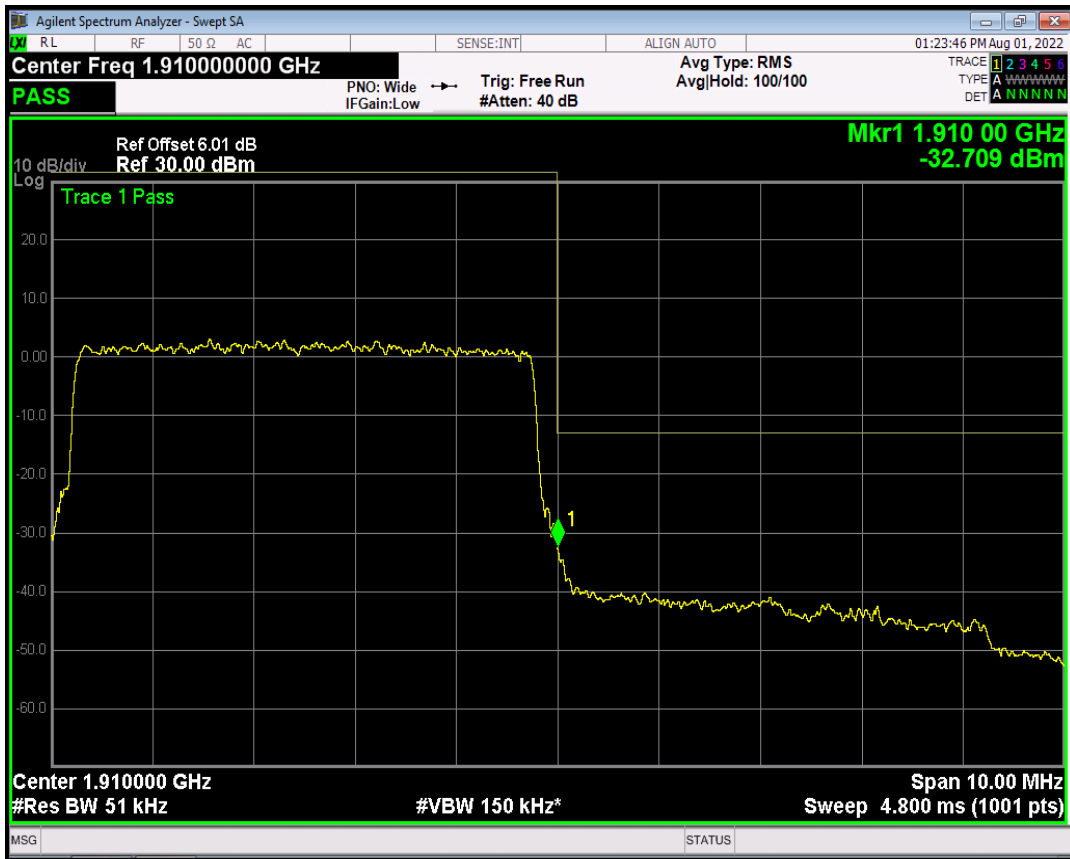
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



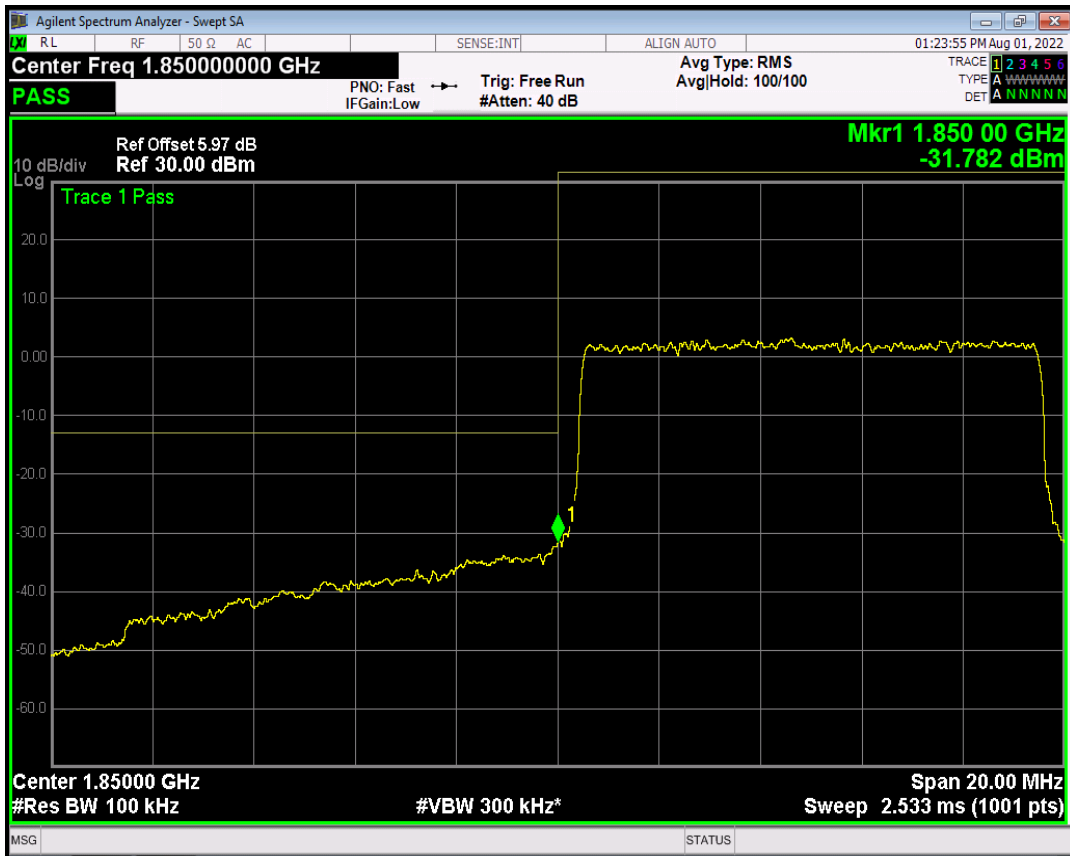
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



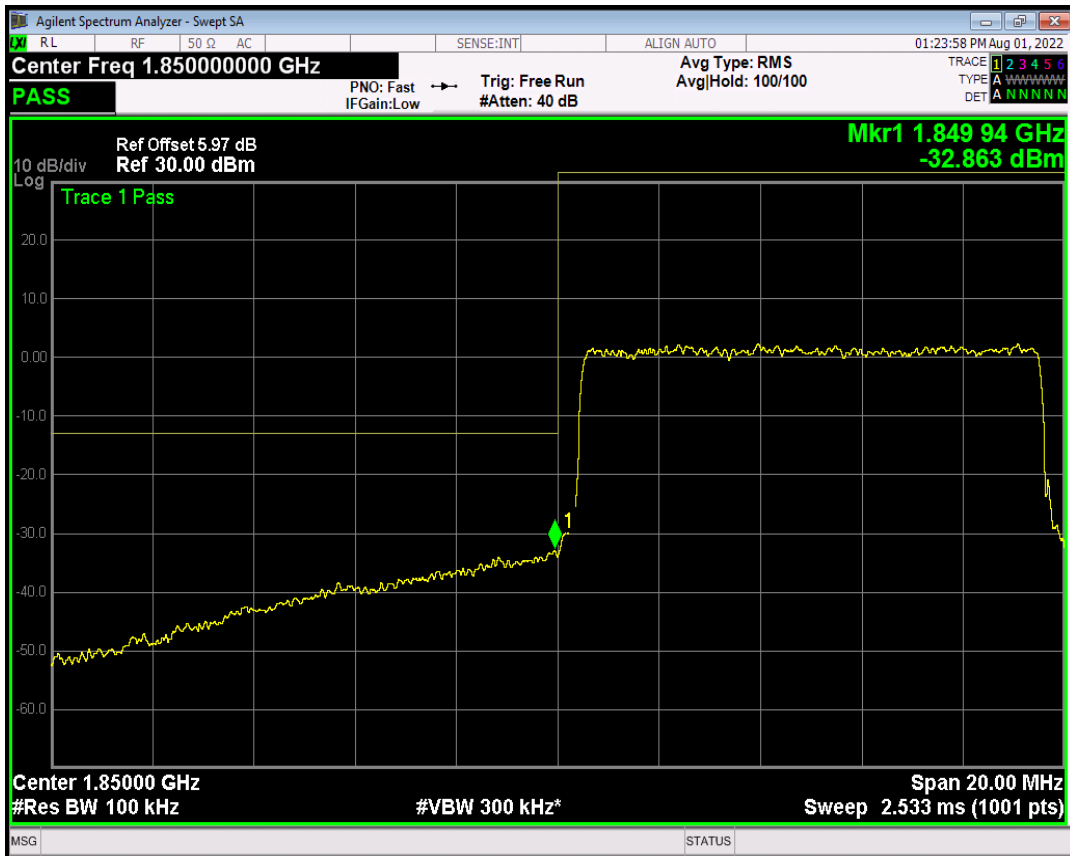
Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0



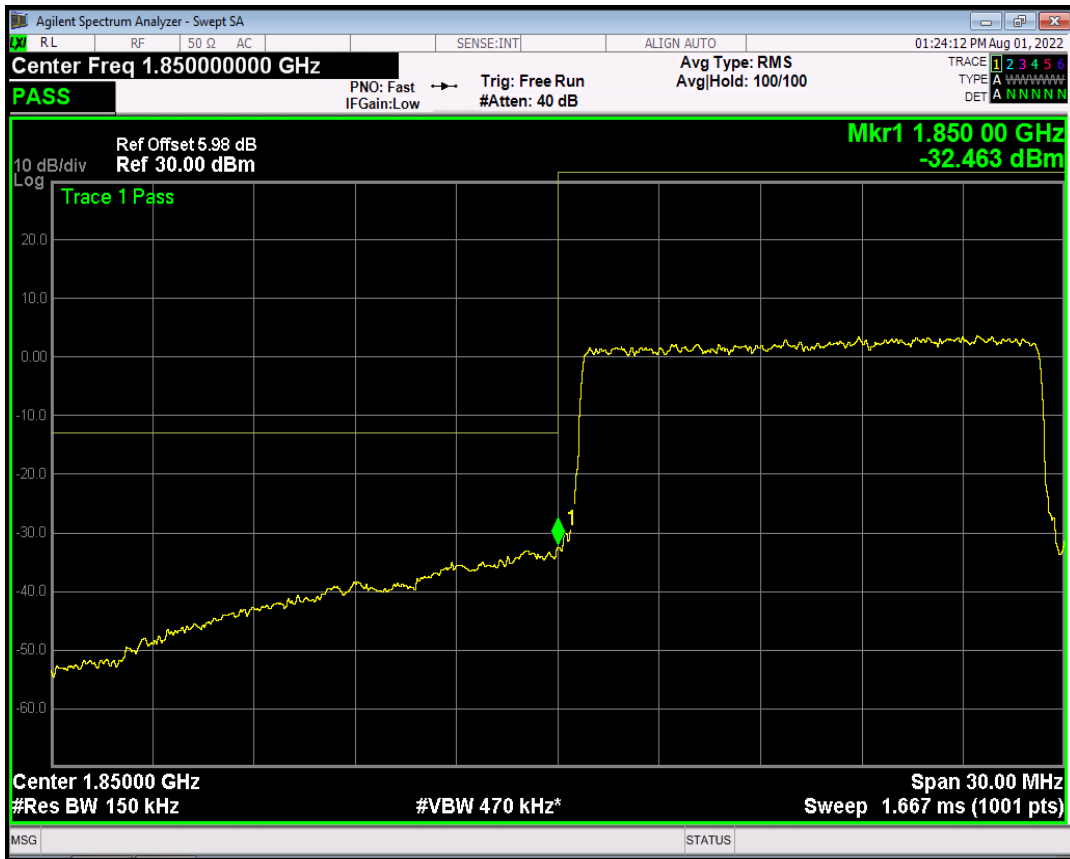
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



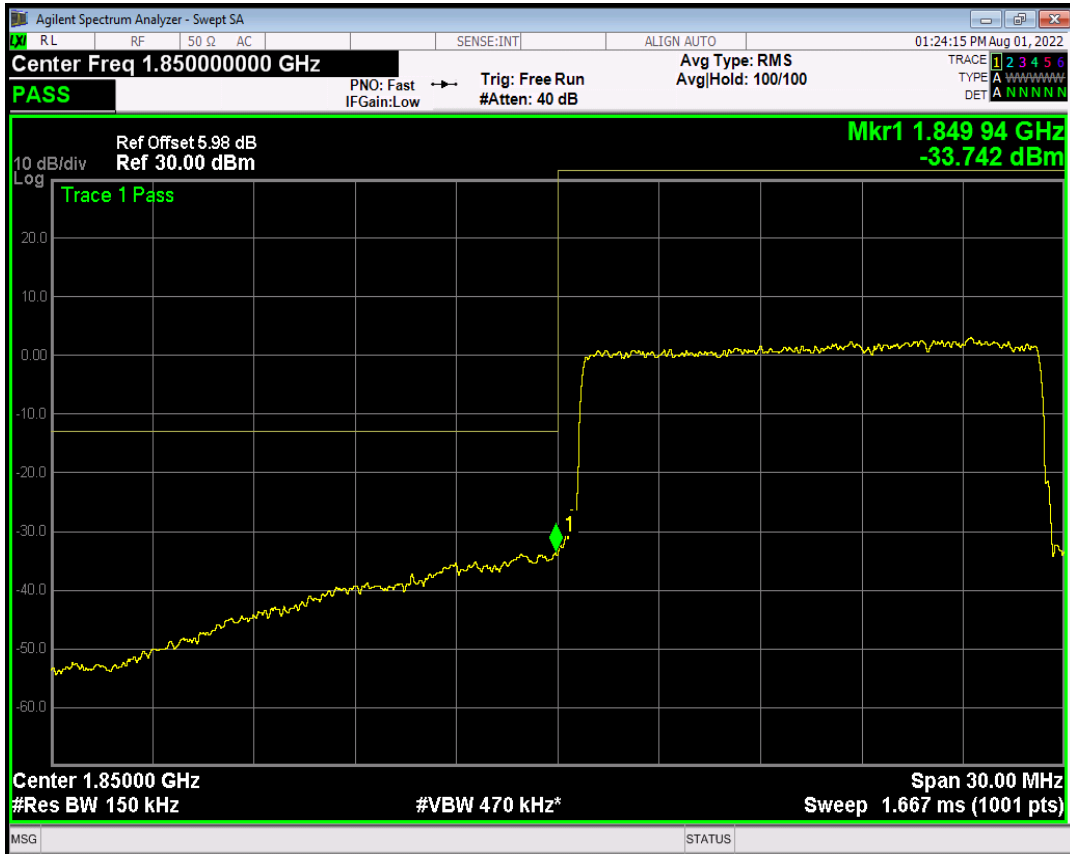
Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0



Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



Band2 QAM16 BW=15MHz Channel=18675 RB Size=75 Position=#0



Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0

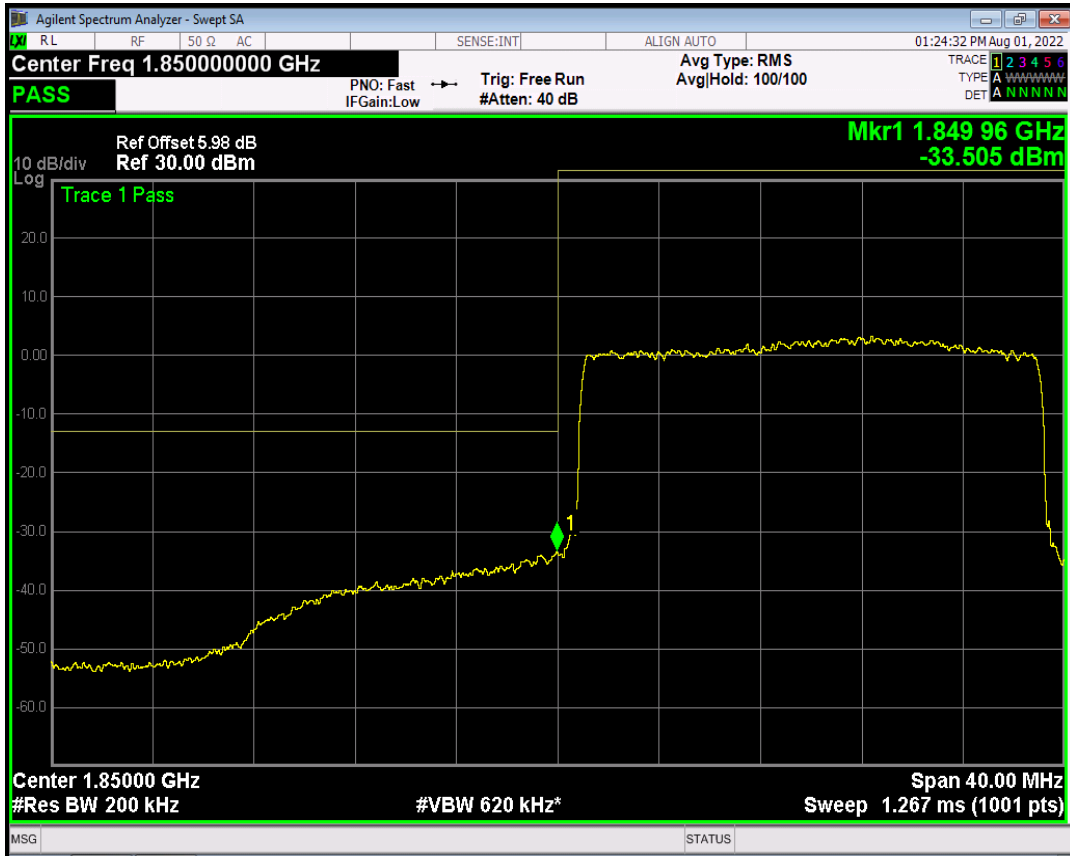




Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



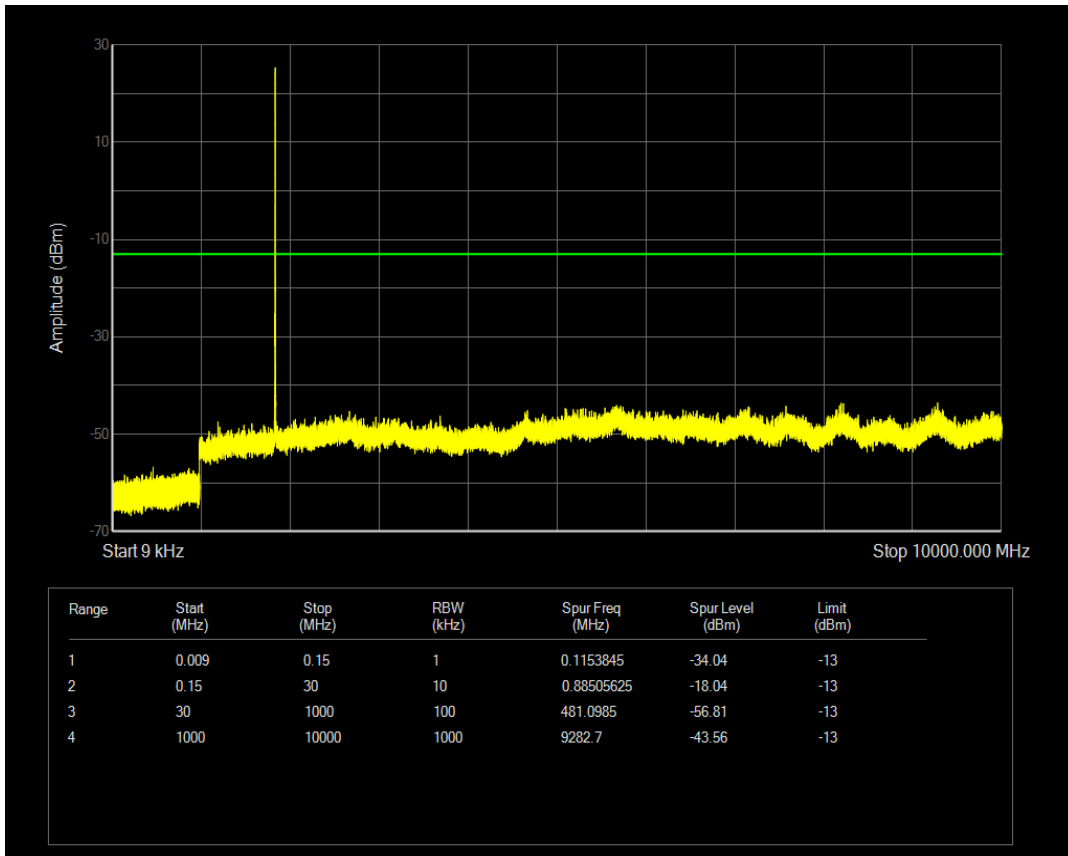
Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0



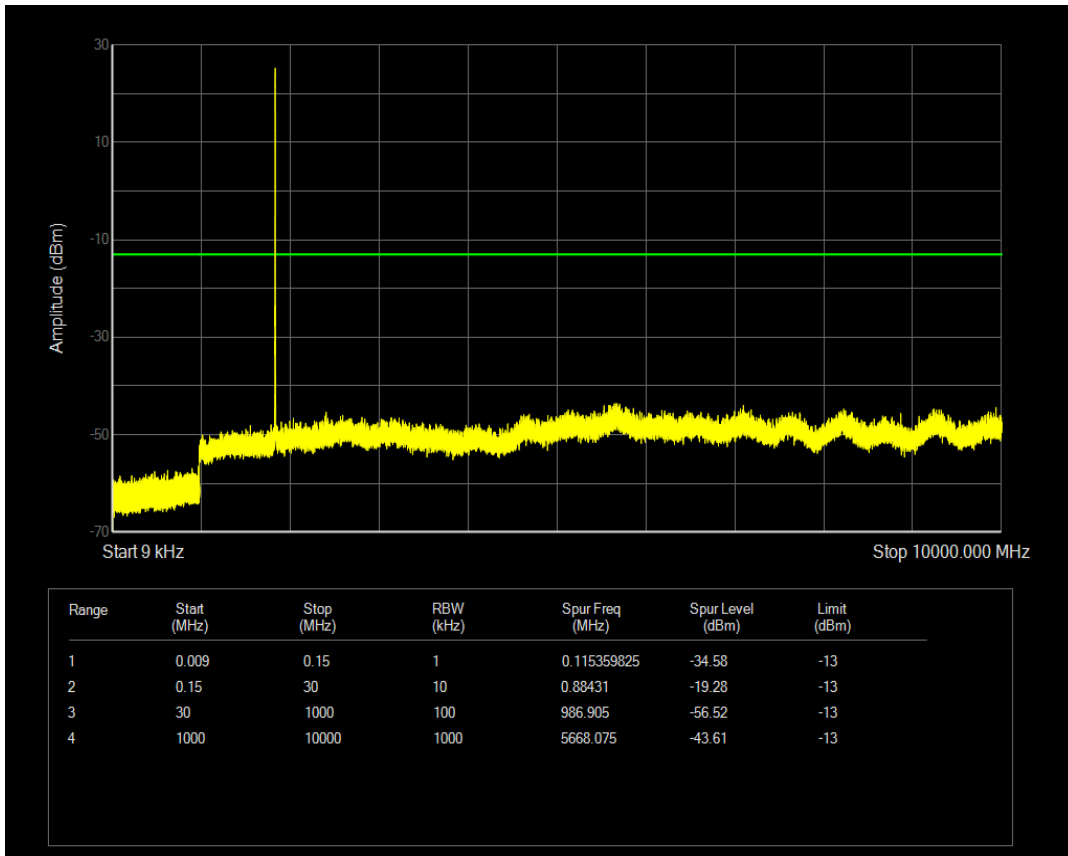
**APPENDIX6. OUT-OF-BAND EMISSIONS**

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	0.89	-18.04	-13	PASS
Band2	1.4	18607	6	#0	QAM16	0.88	-19.28	-13	PASS
Band2	1.4	18900	6	#0	QPSK	0.96	-19.51	-13	PASS
Band2	1.4	18900	6	#0	QAM16	0.96	-18.85	-13	PASS
Band2	1.4	19193	6	#0	QPSK	0.96	-18.67	-13	PASS
Band2	1.4	19193	6	#0	QAM16	0.96	-17.34	-13	PASS
Band2	3	18615	15	#0	QPSK	0.96	-17.12	-13	PASS
Band2	3	18615	15	#0	QAM16	0.96	-16.99	-13	PASS
Band2	3	18900	15	#0	QPSK	0.96	-16.76	-13	PASS
Band2	3	18900	15	#0	QAM16	0.96	-16.75	-13	PASS
Band2	3	19185	15	#0	QPSK	0.96	-16.89	-13	PASS
Band2	3	19185	15	#0	QAM16	0.96	-17.14	-13	PASS
Band2	5	18625	25	#0	QPSK	0.96	-17.48	-13	PASS
Band2	5	18625	25	#0	QAM16	0.96	-17.94	-13	PASS
Band2	5	18900	25	#0	QPSK	0.96	-18.14	-13	PASS
Band2	5	18900	25	#0	QAM16	0.96	-18.77	-13	PASS
Band2	5	19175	25	#0	QPSK	0.96	-18.84	-13	PASS
Band2	5	19175	25	#0	QAM16	0.96	-19.41	-13	PASS
Band2	10	18650	50	#0	QPSK	0.96	-19.64	-13	PASS
Band2	10	18650	50	#0	QAM16	0.96	-20.05	-13	PASS
Band2	10	18900	50	#0	QPSK	0.96	-20.70	-13	PASS
Band2	10	18900	50	#0	QAM16	0.96	-20.68	-13	PASS
Band2	10	19150	50	#0	QPSK	0.96	-21.05	-13	PASS
Band2	10	19150	50	#0	QAM16	0.96	-21.49	-13	PASS
Band2	15	18675	75	#0	QPSK	0.96	-21.45	-13	PASS
Band2	15	18675	75	#0	QAM16	0.96	-21.49	-13	PASS
Band2	15	18900	75	#0	QPSK	0.96	-21.51	-13	PASS
Band2	15	18900	75	#0	QAM16	0.96	-21.71	-13	PASS
Band2	15	19125	75	#0	QPSK	0.96	-21.76	-13	PASS
Band2	15	19125	75	#0	QAM16	0.96	-21.80	-13	PASS
Band2	20	18700	100	#0	QPSK	0.96	-22.00	-13	PASS
Band2	20	18700	100	#0	QAM16	0.96	-21.75	-13	PASS
Band2	20	18900	100	#0	QPSK	0.96	-22.12	-13	PASS
Band2	20	18900	100	#0	QAM16	0.96	-22.45	-13	PASS
Band2	20	19100	100	#0	QPSK	0.96	-22.34	-13	PASS
Band2	20	19100	100	#0	QAM16	0.96	-22.61	-13	PASS

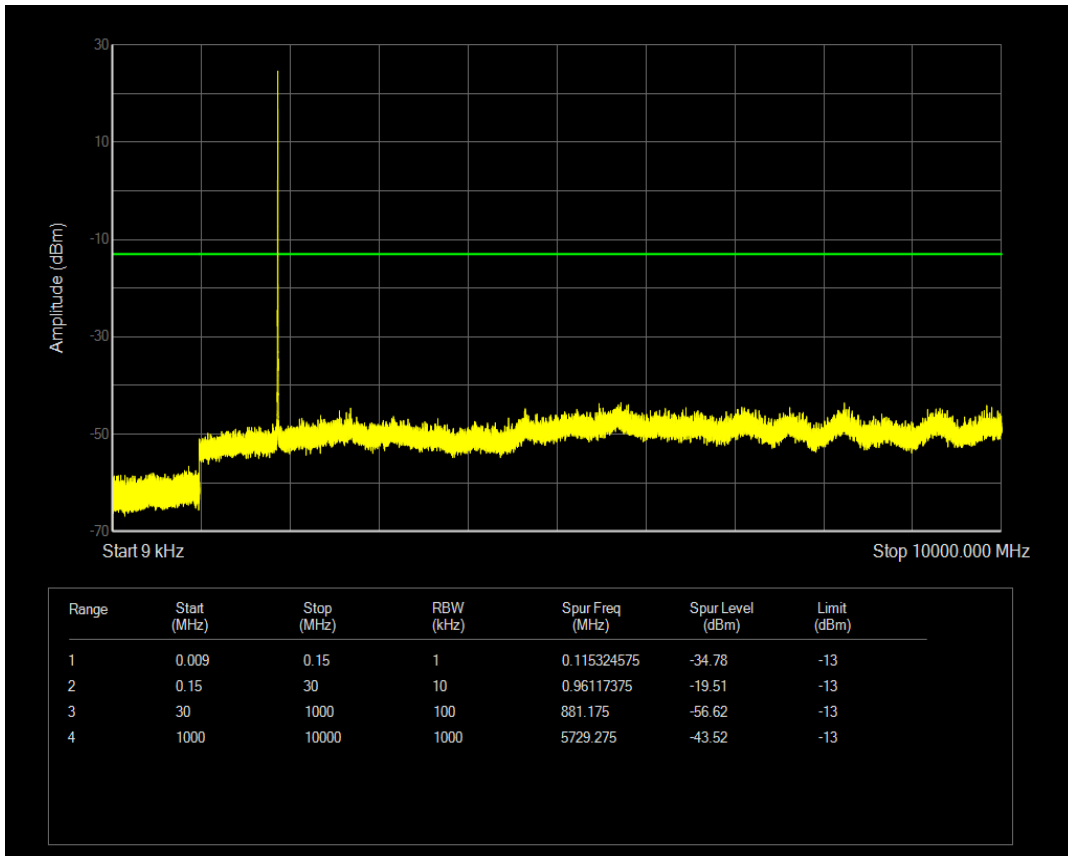
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



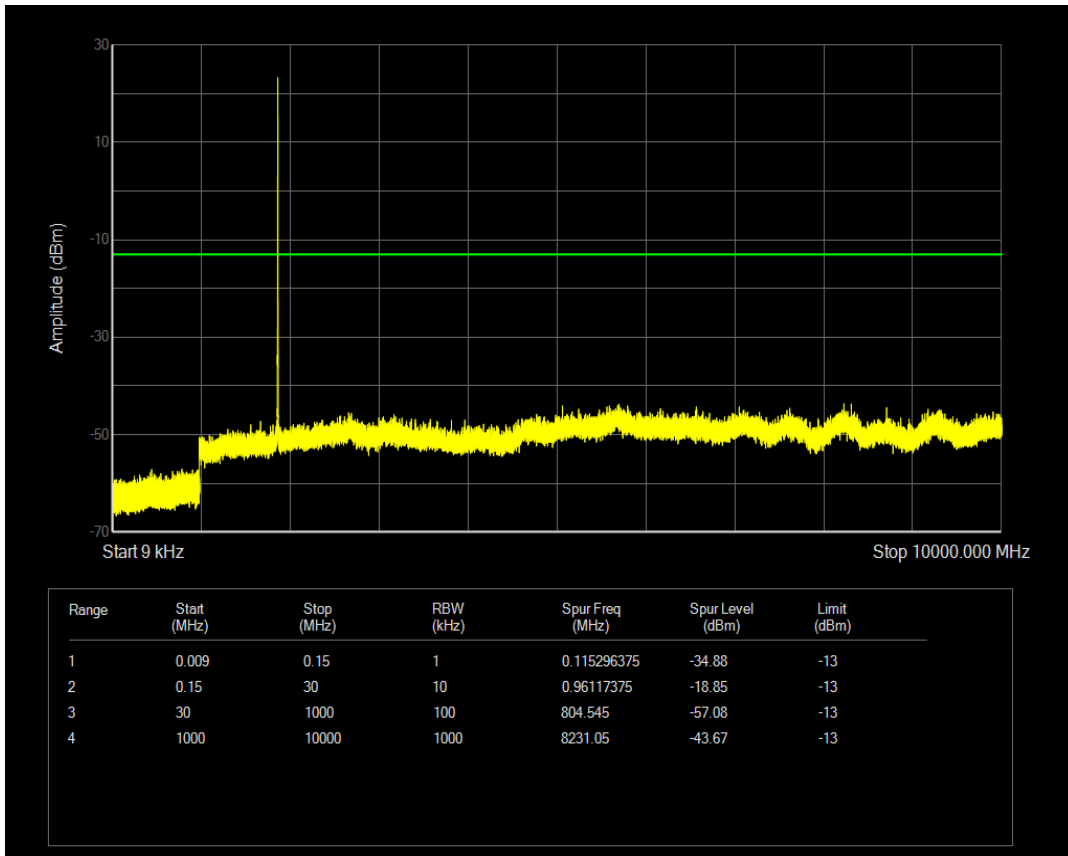
Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



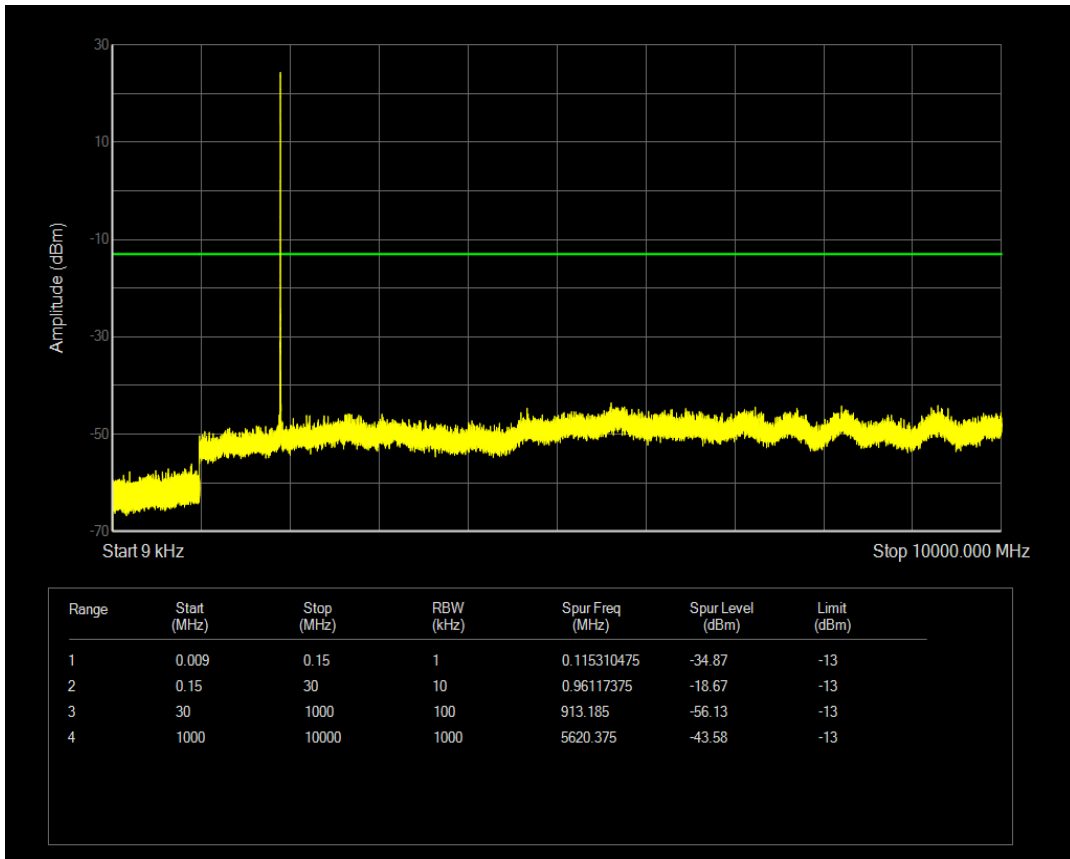
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



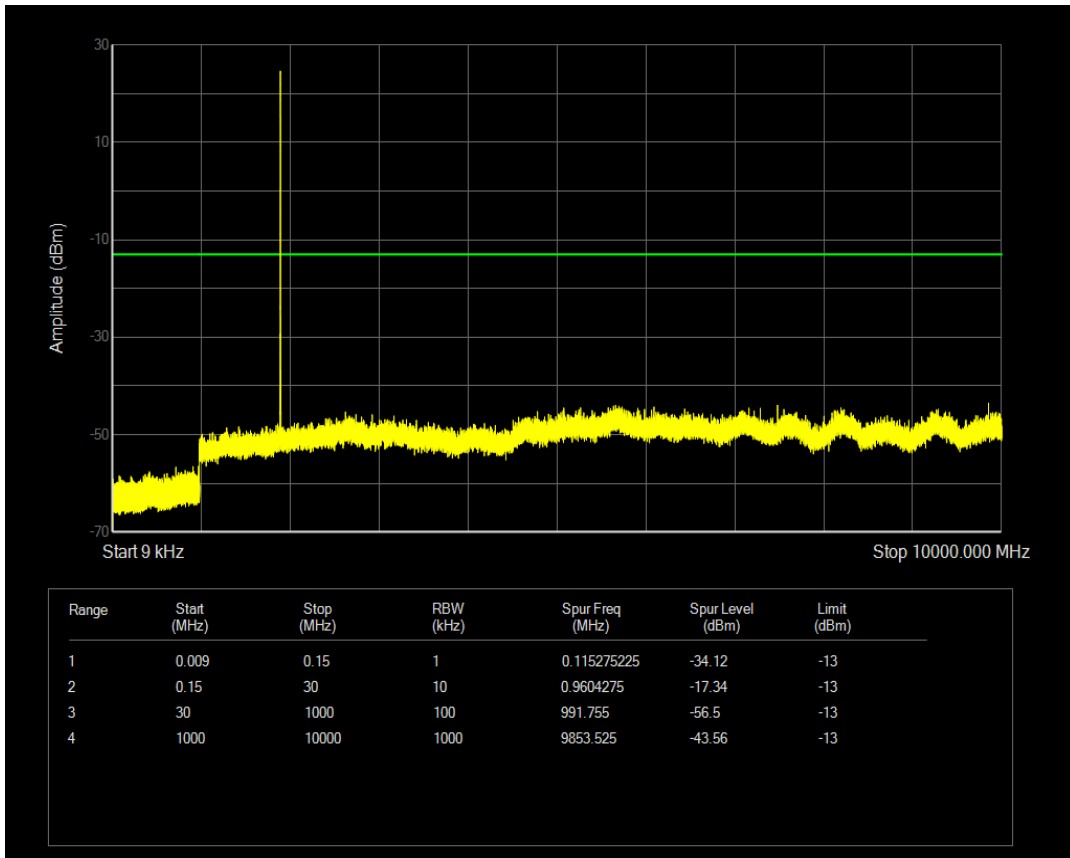
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0



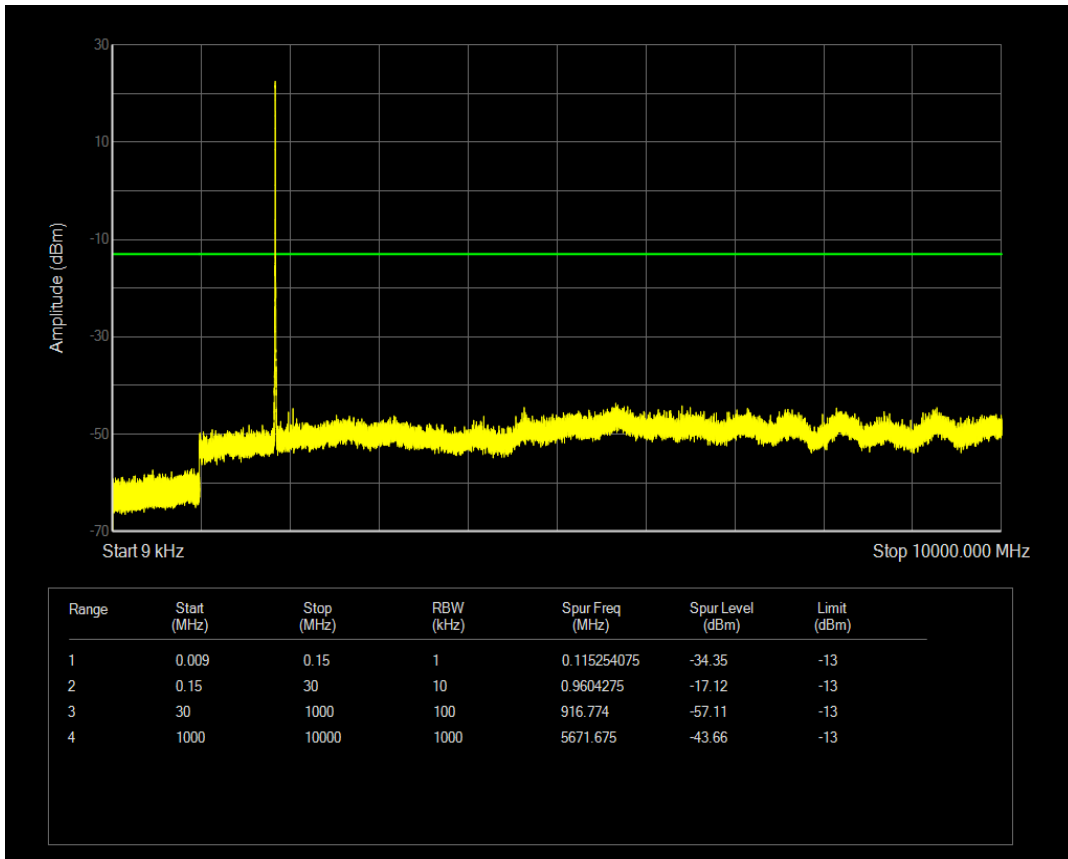
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



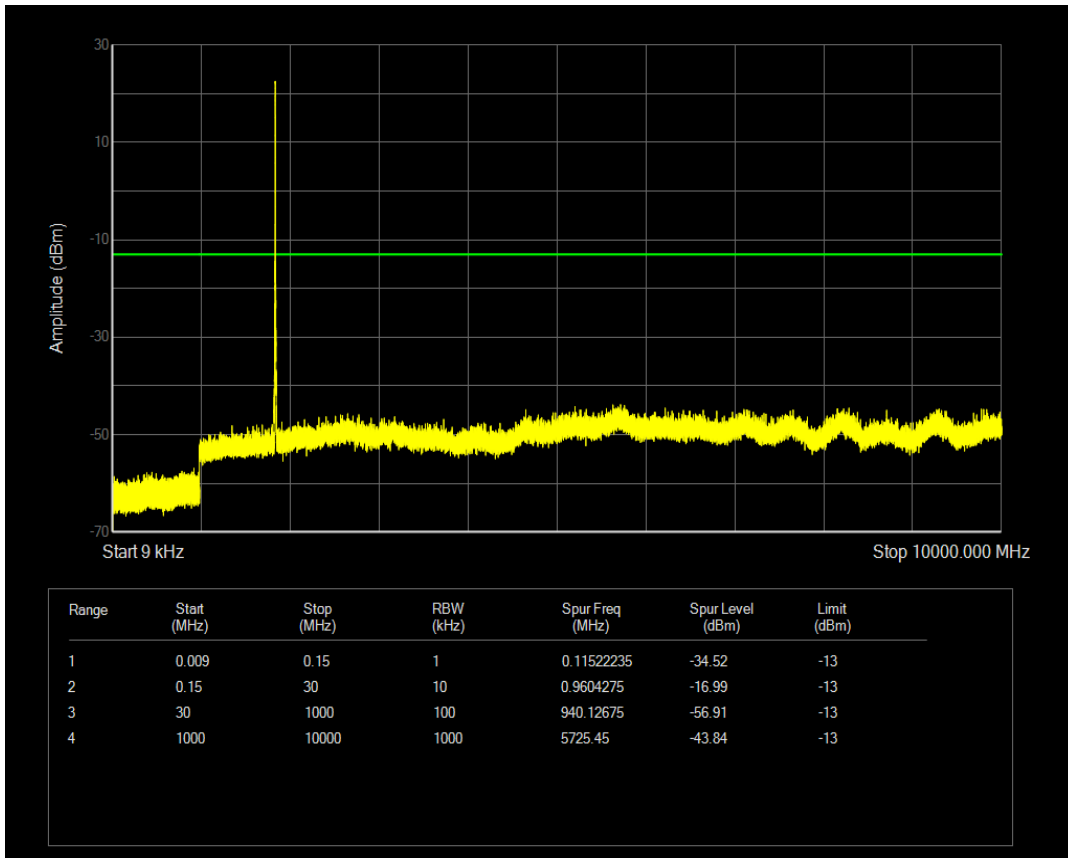
Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



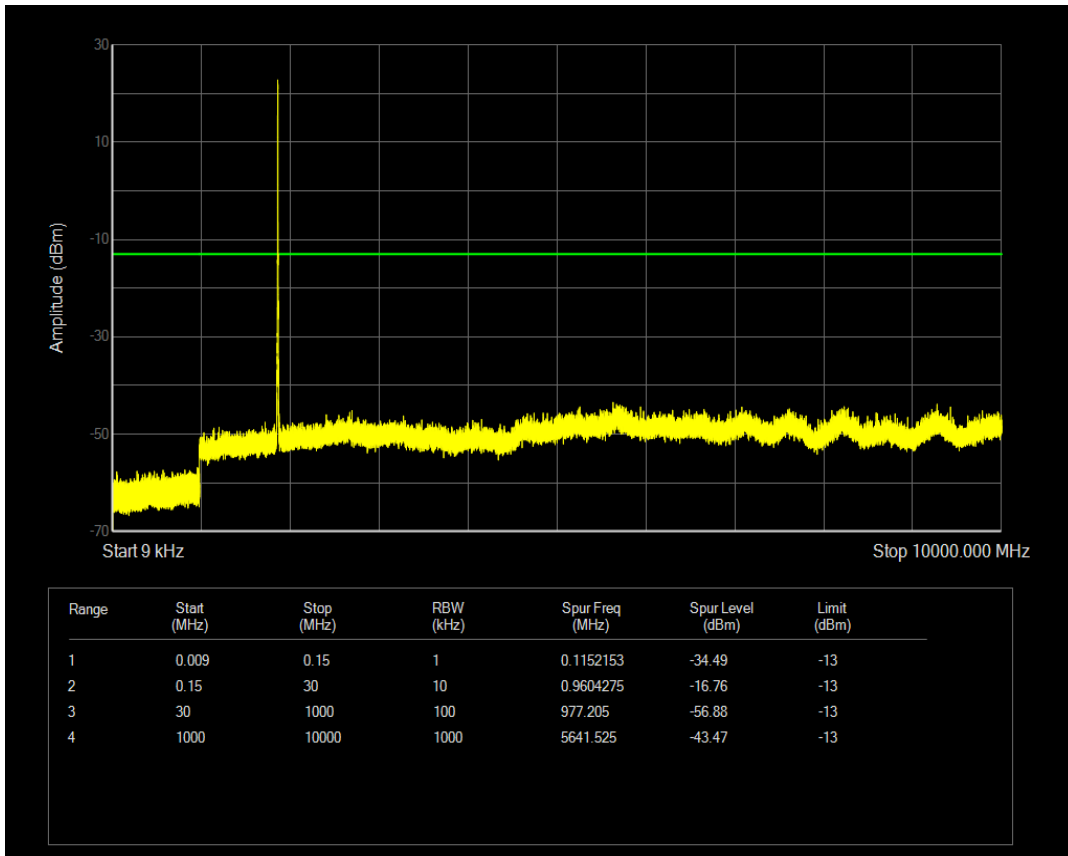
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



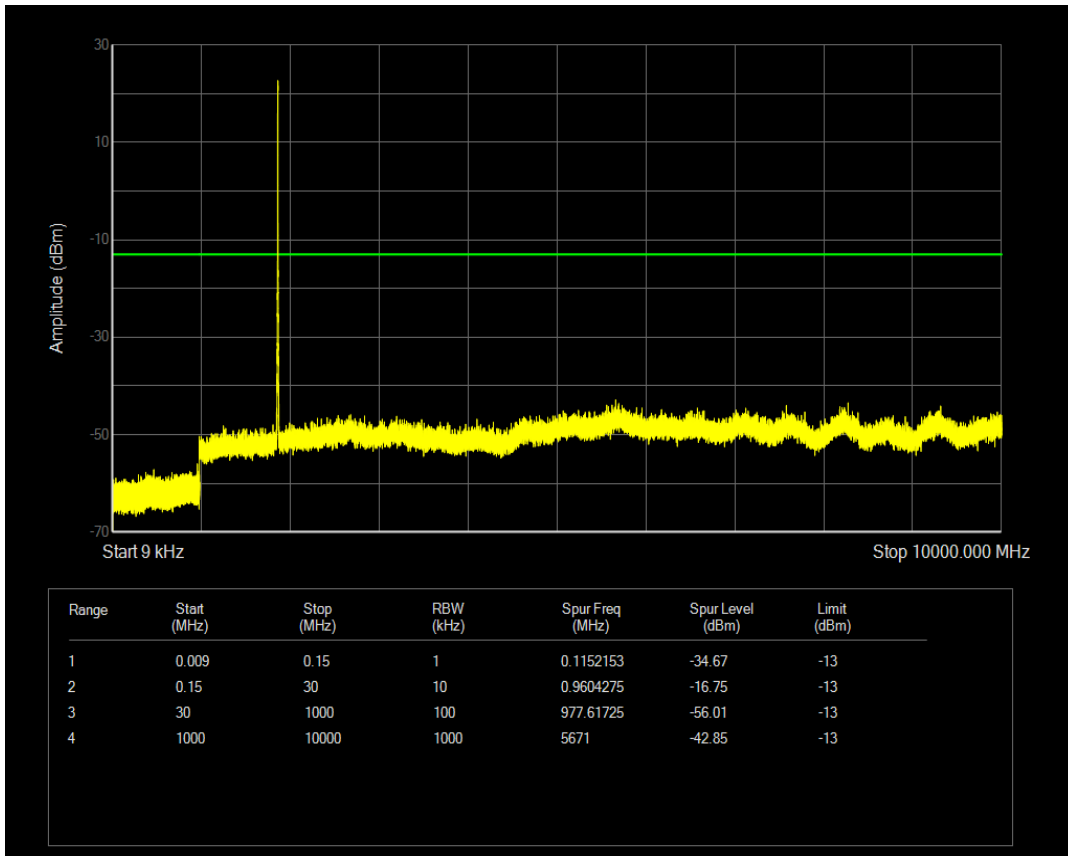
Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0

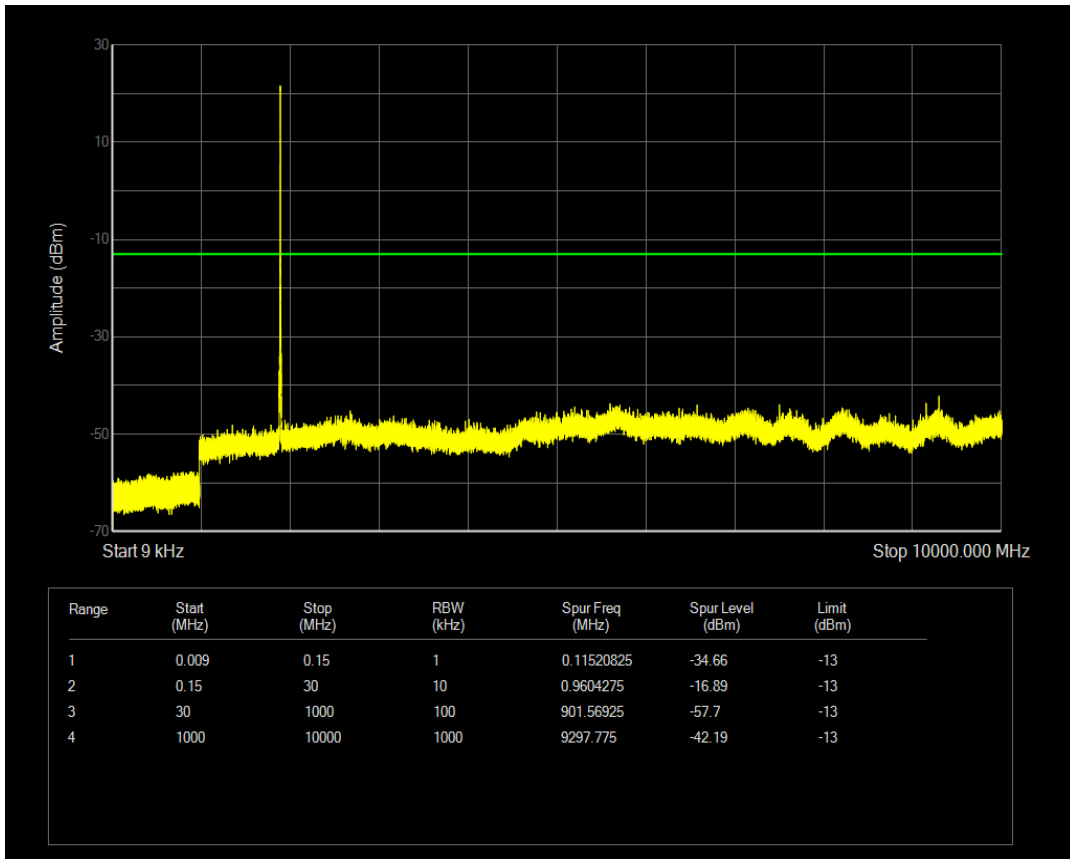


Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0

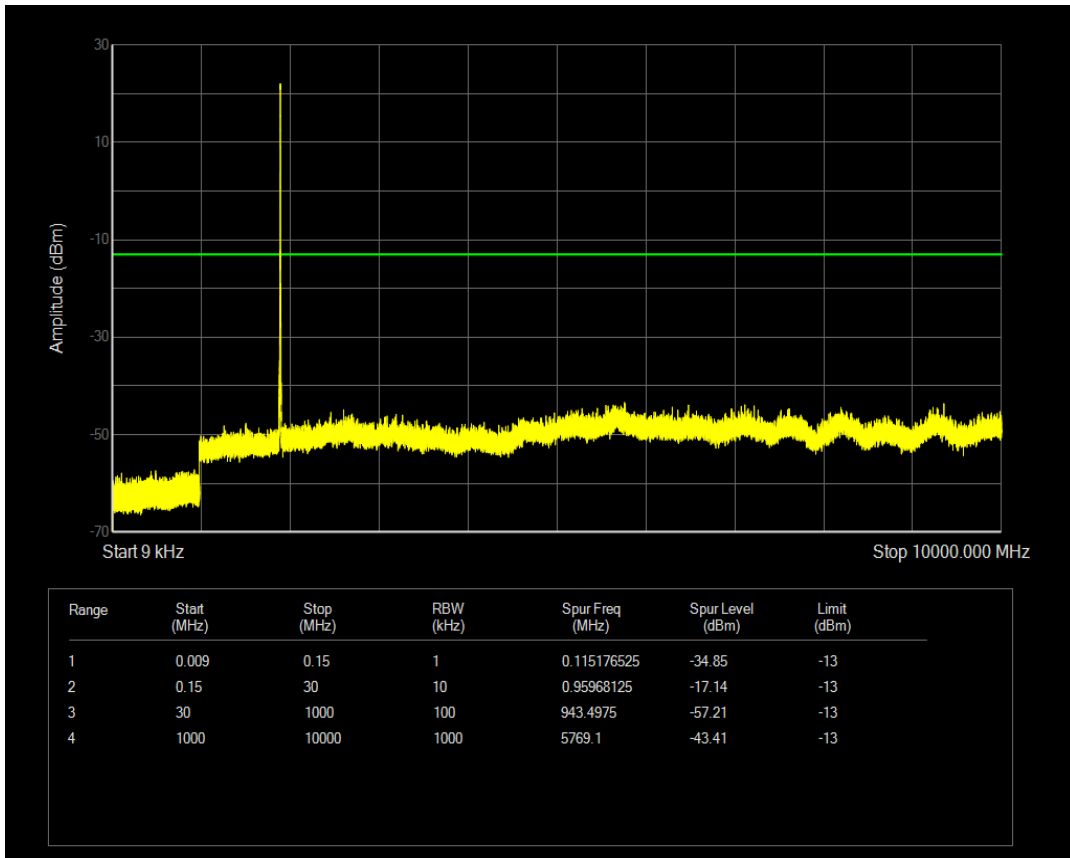




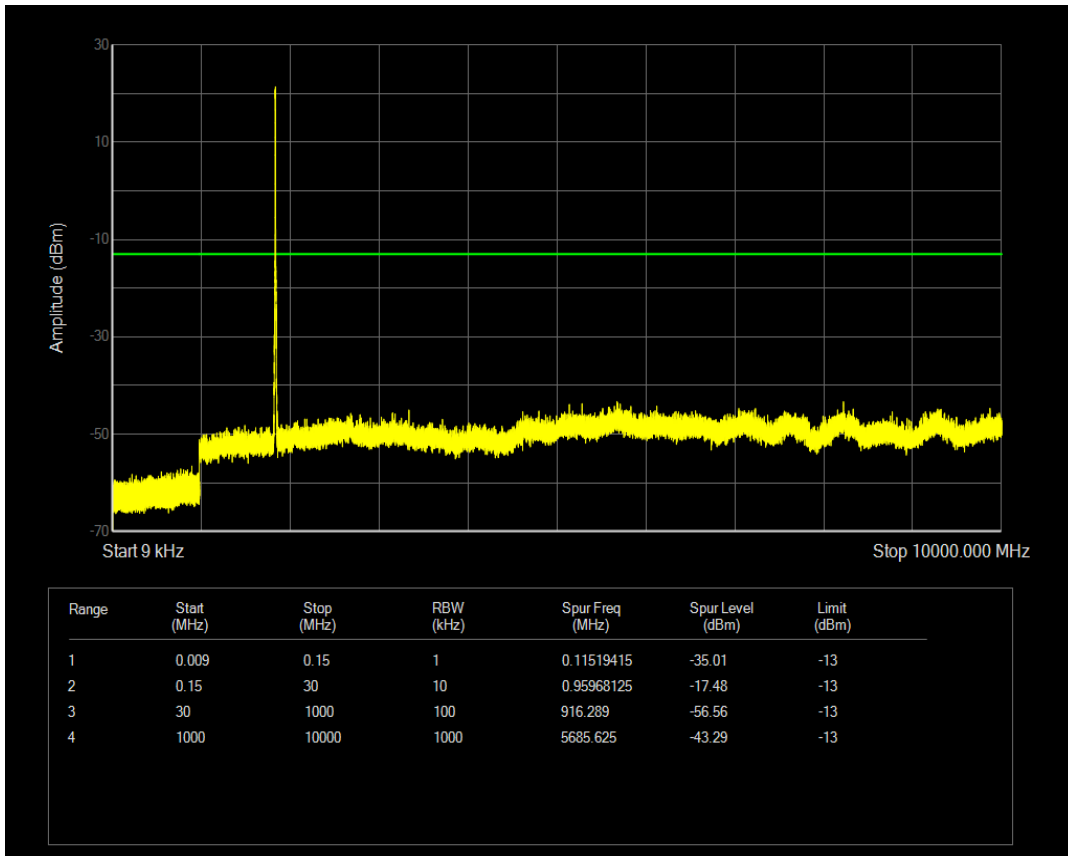
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



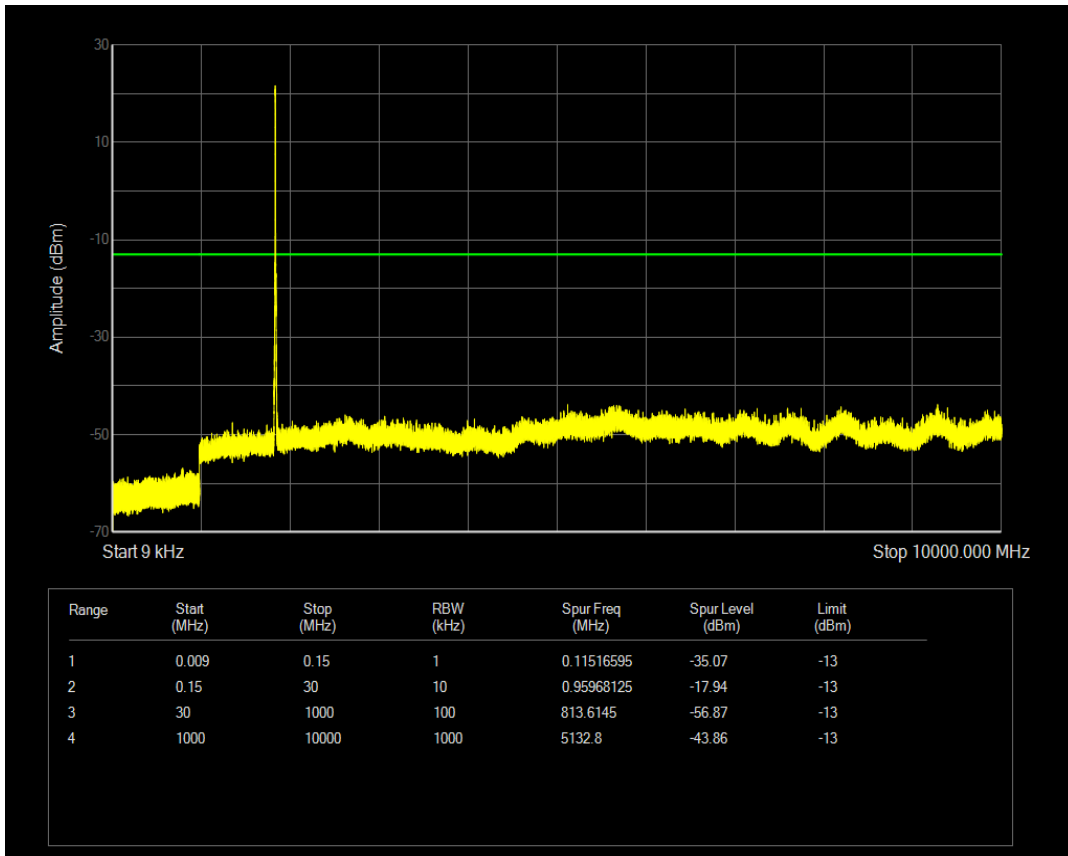
Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



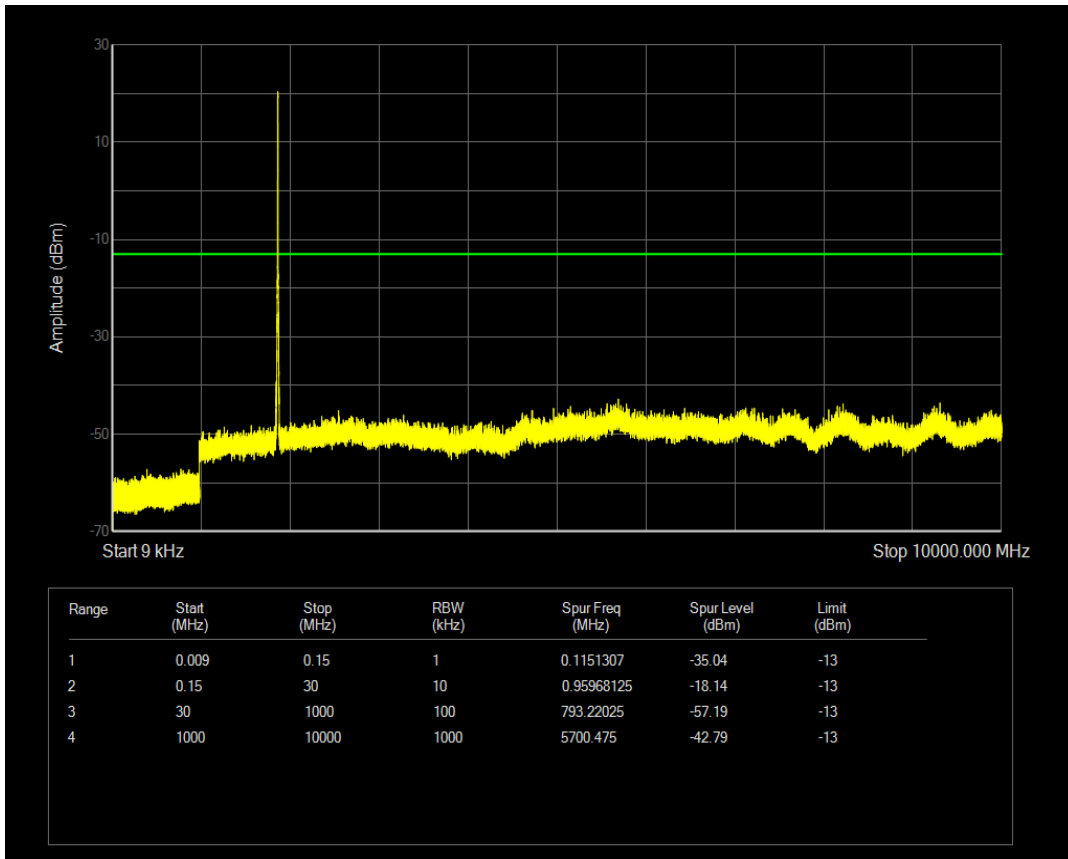
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



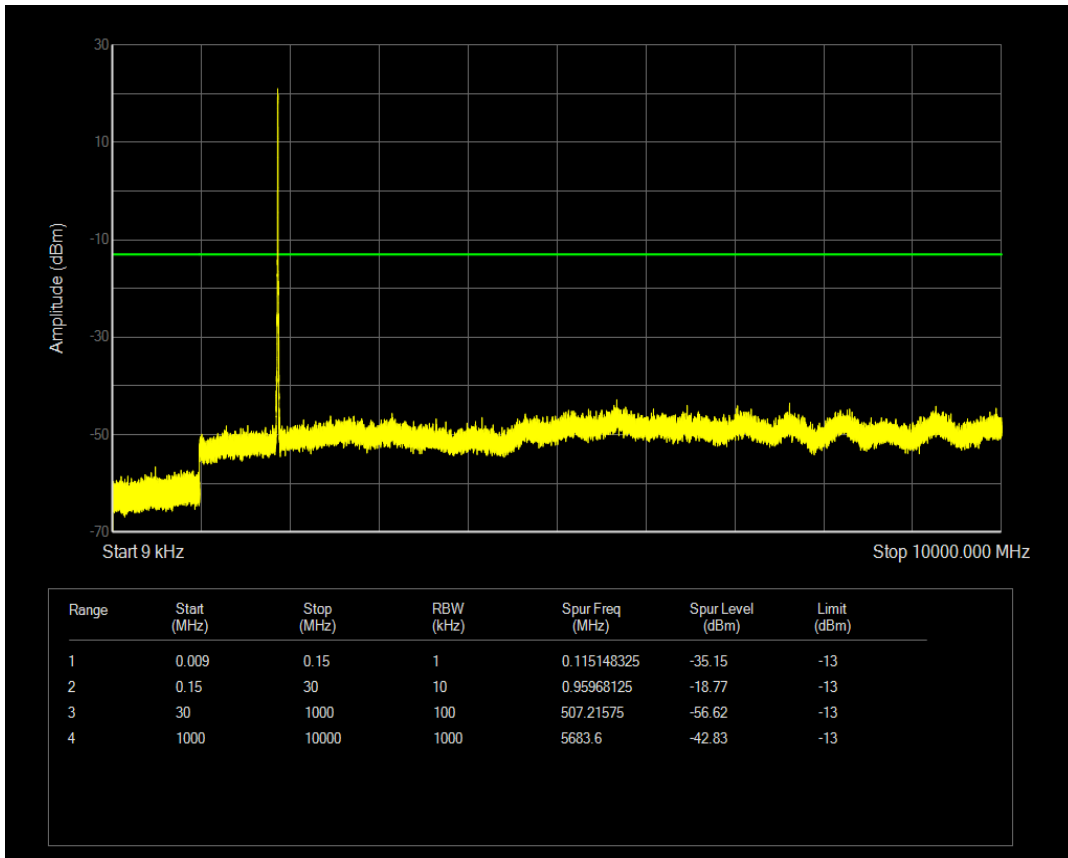
Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



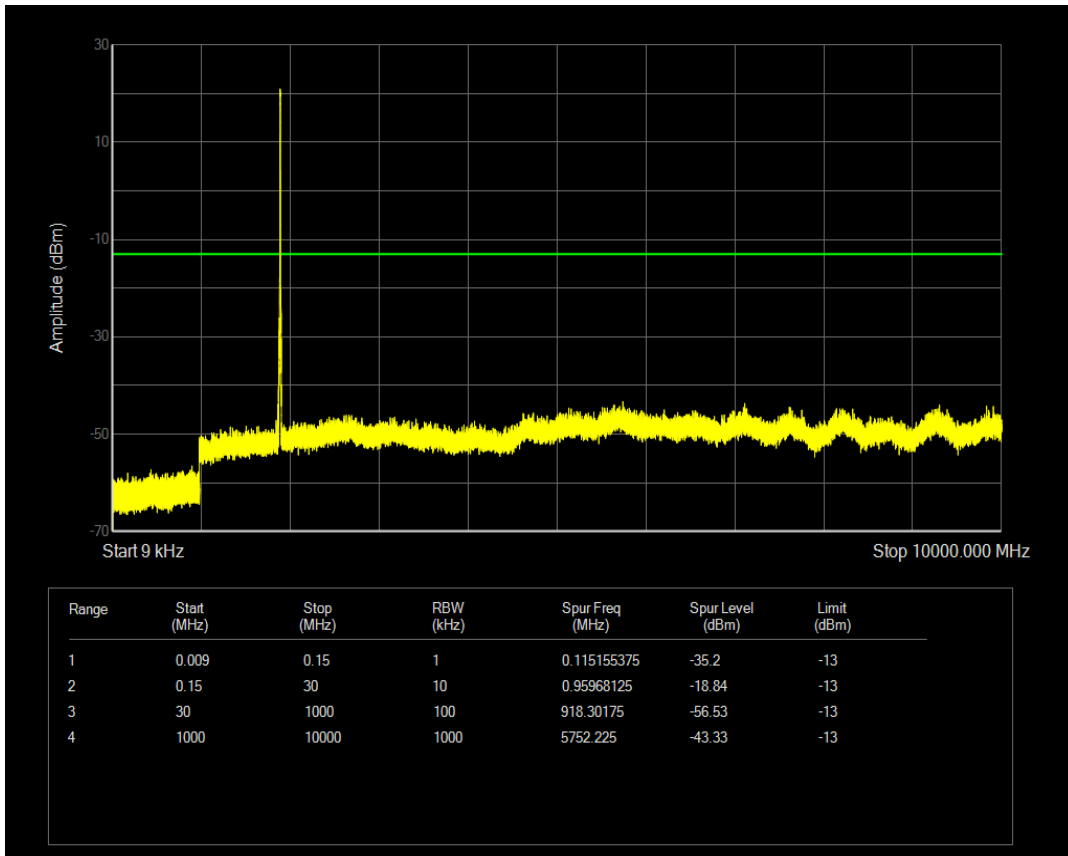
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



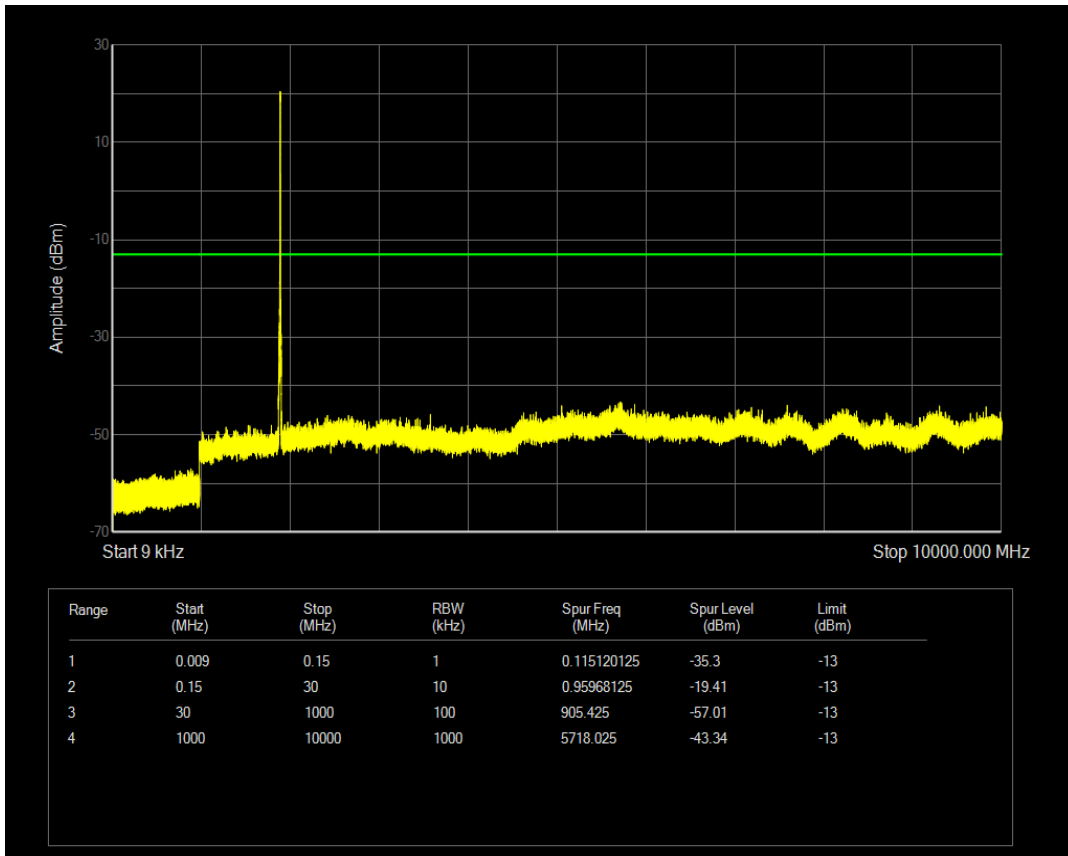
Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0



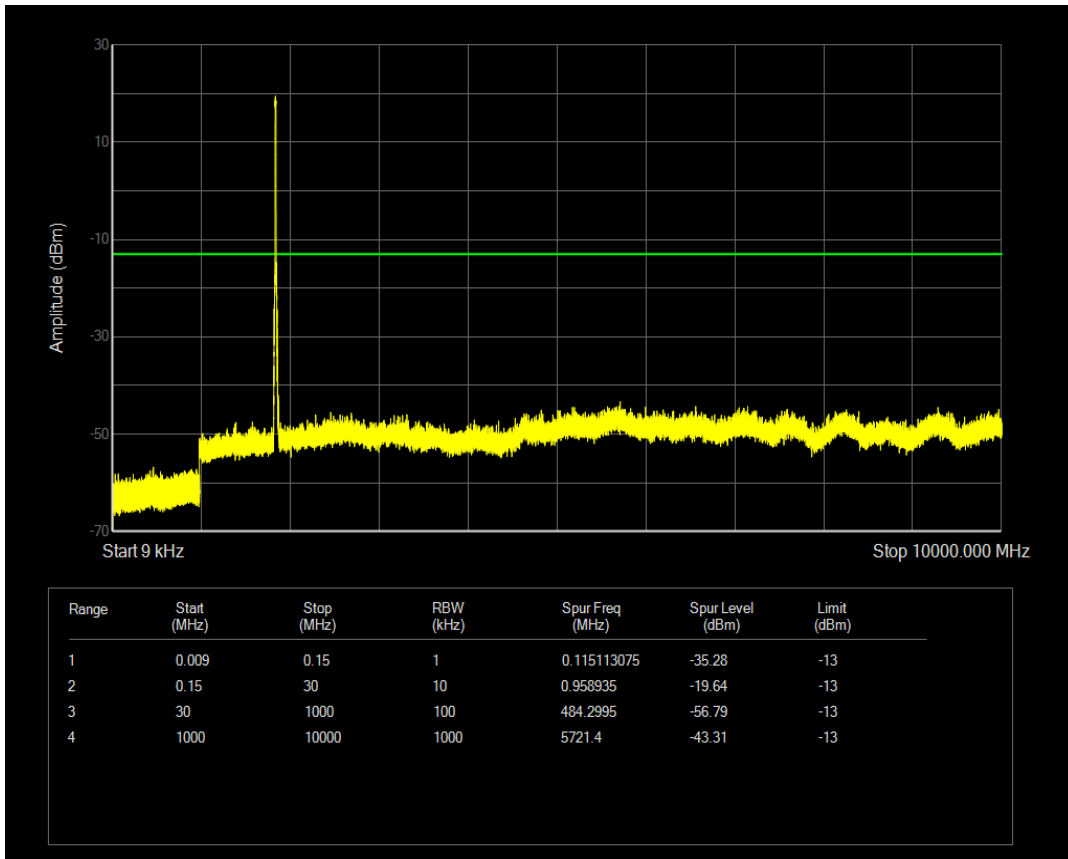
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



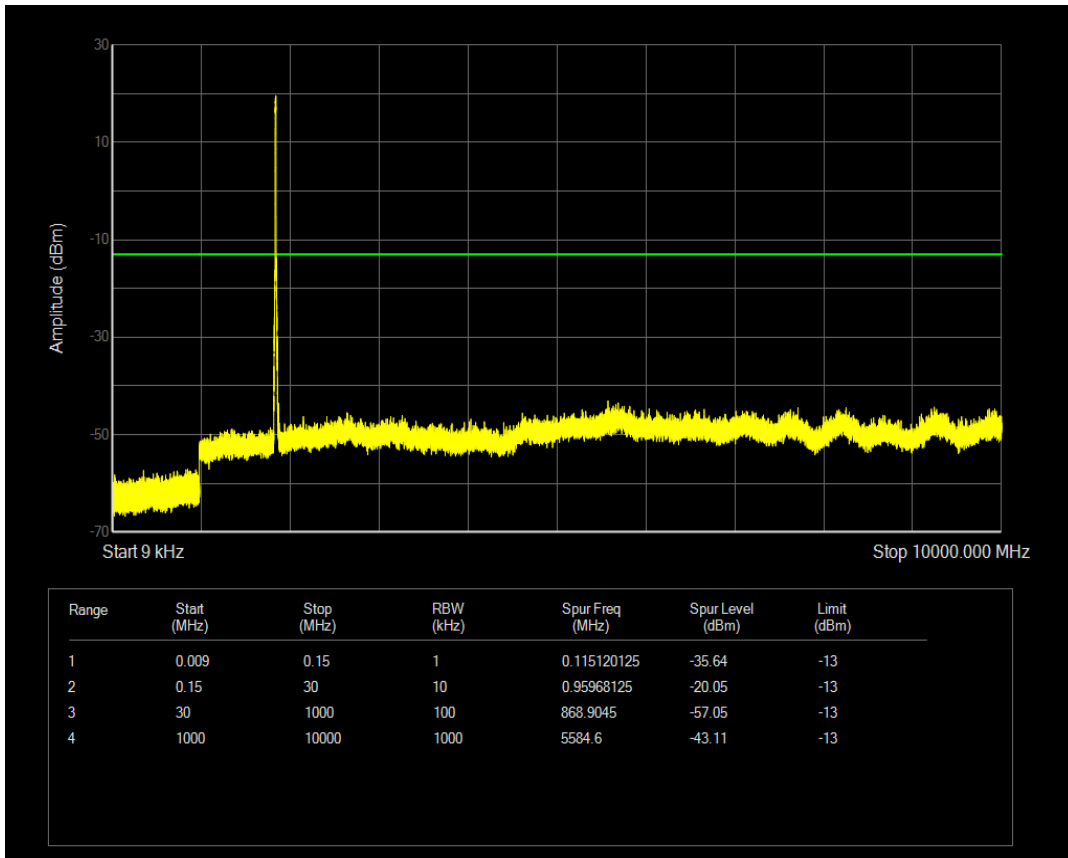
Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



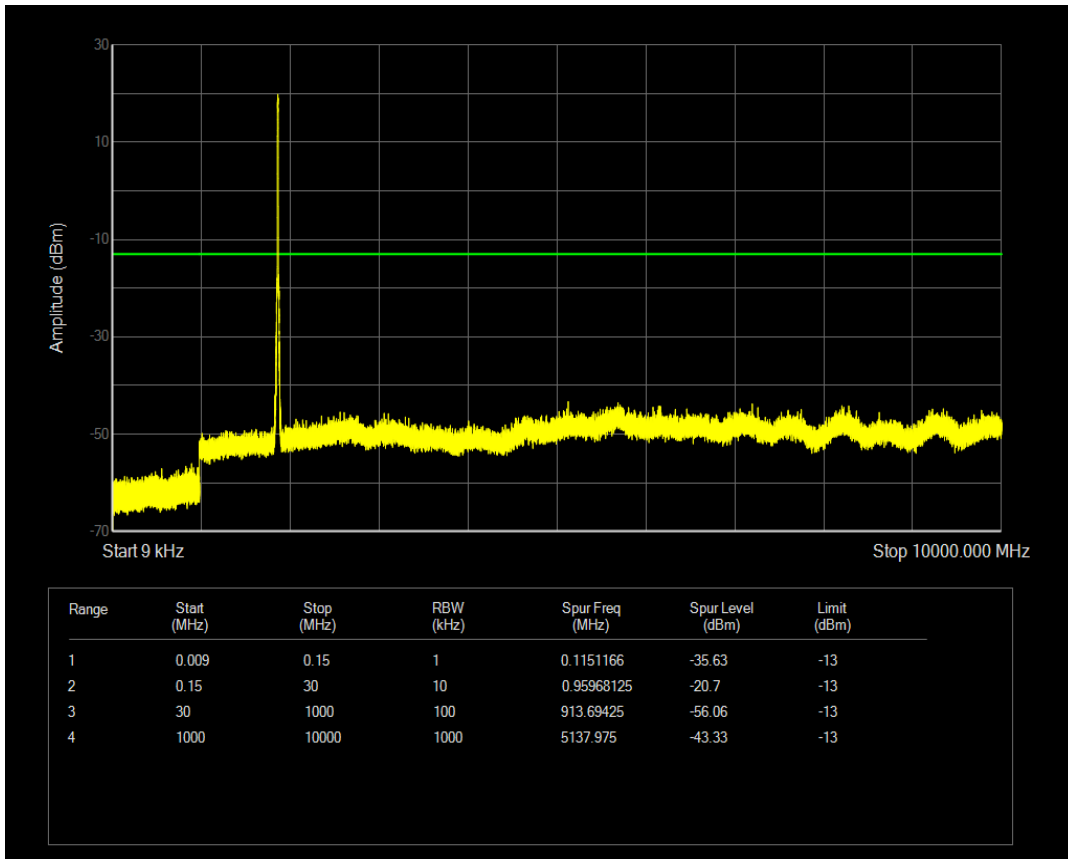
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



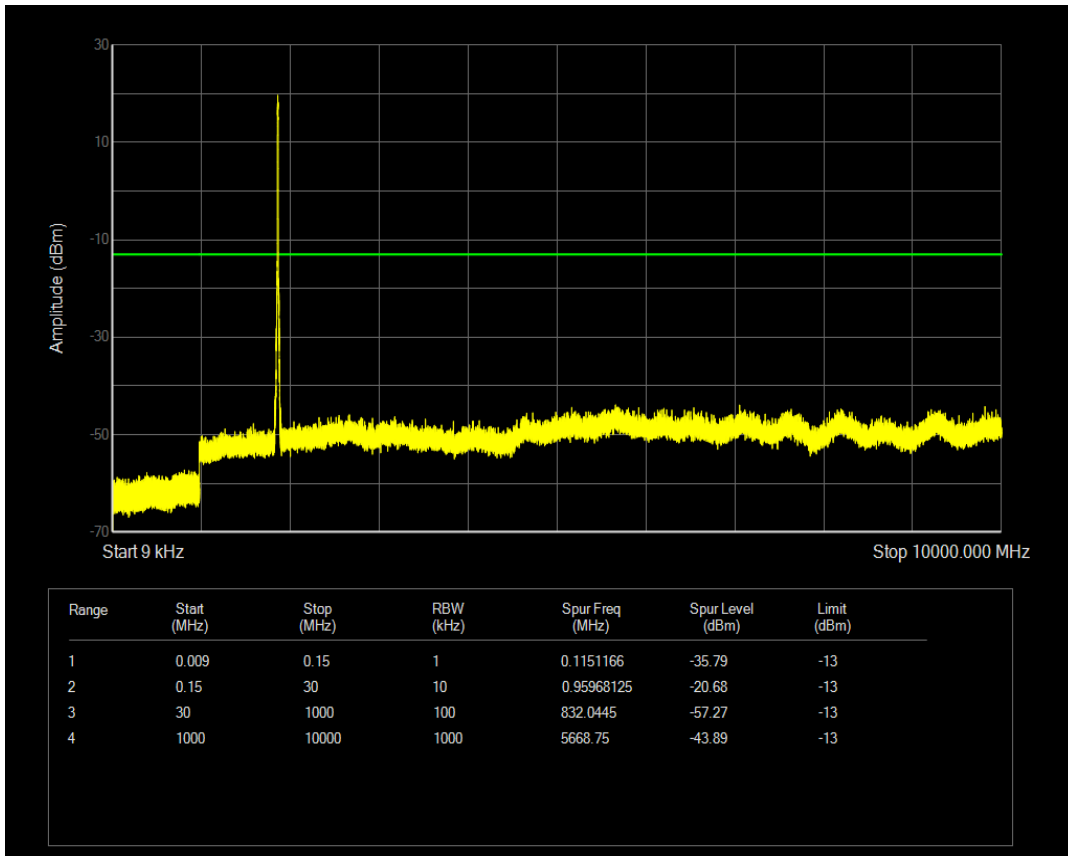
Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0



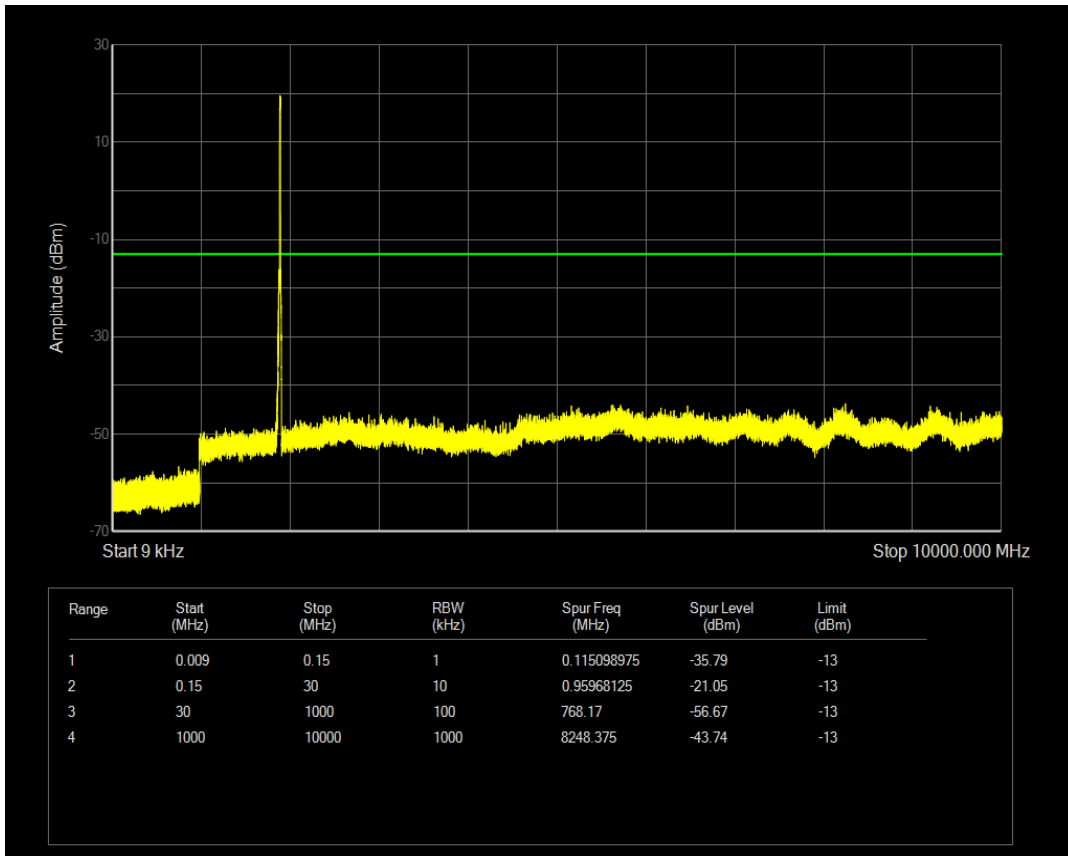
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



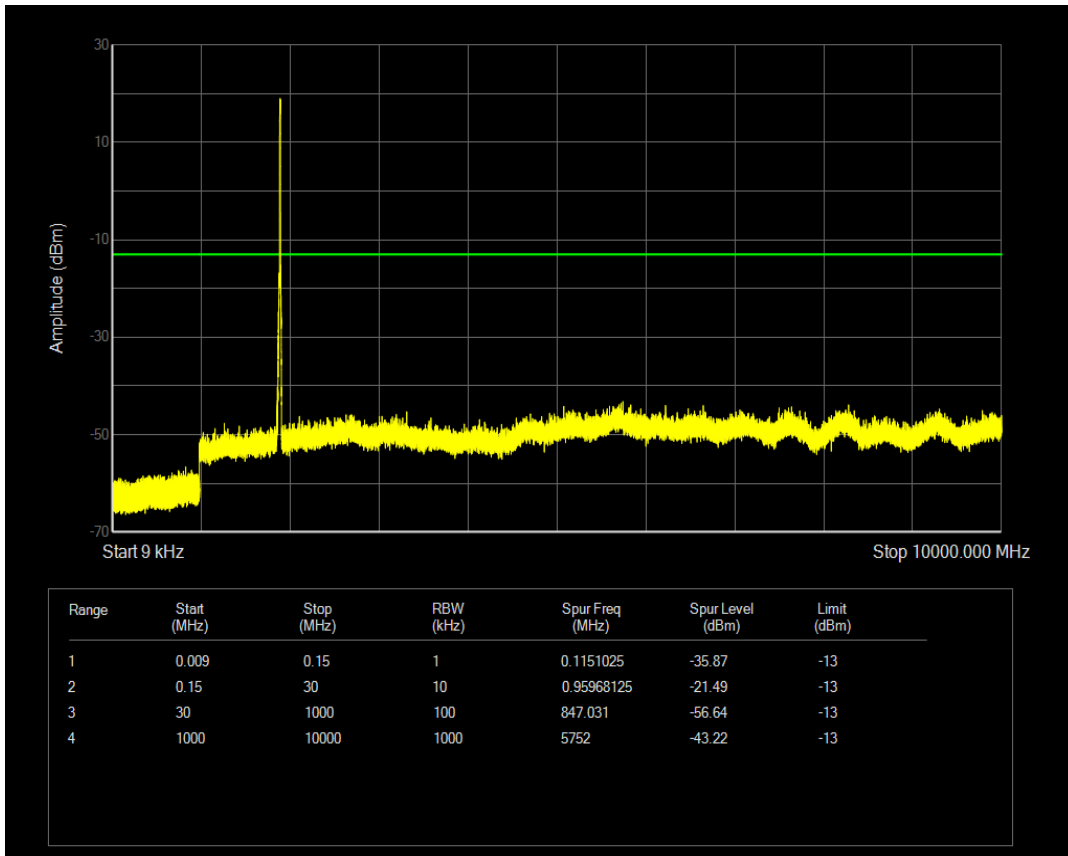
Band2 QAM16 BW=10MHz Channel=18900 RB Size=50 Position=#0



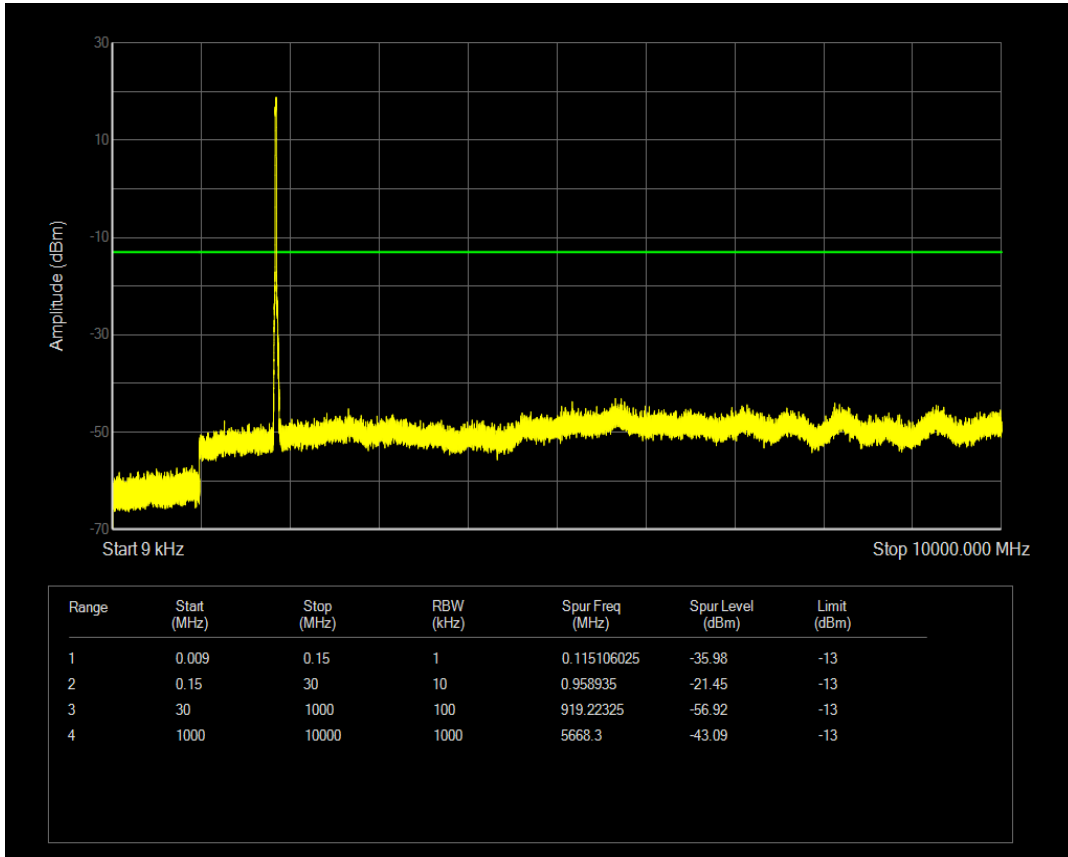
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



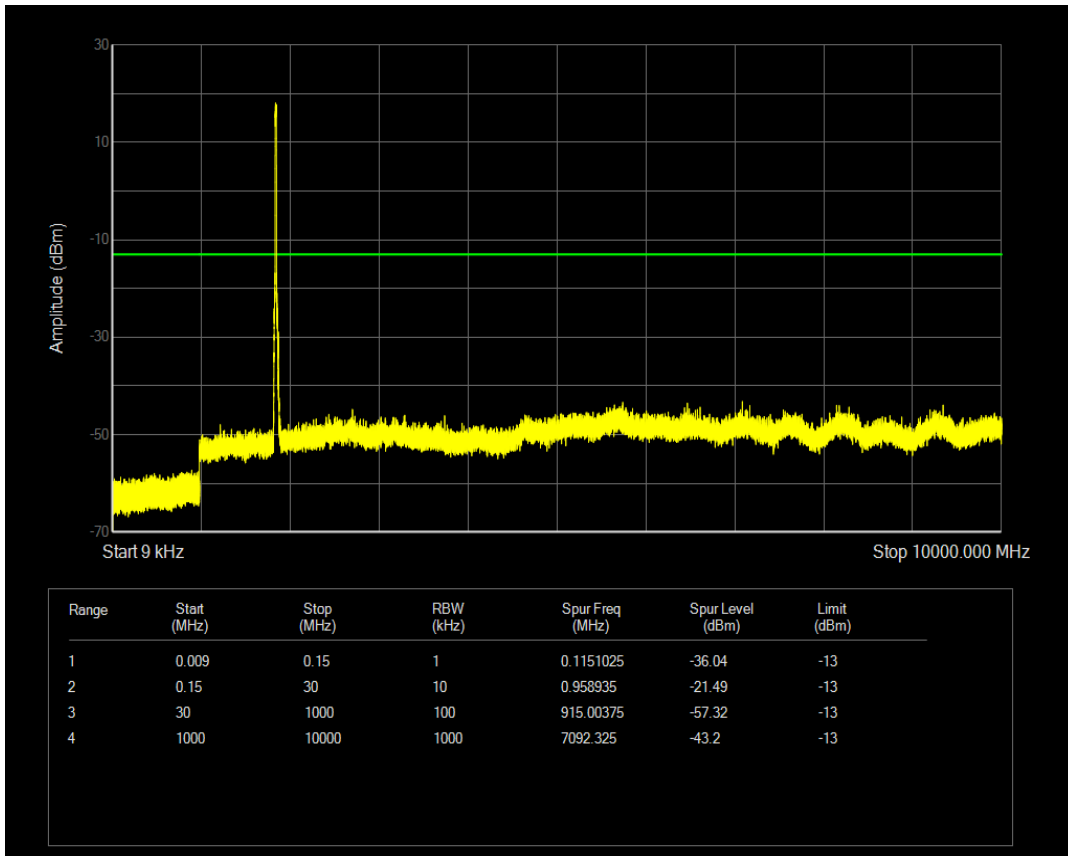
Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0



Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0

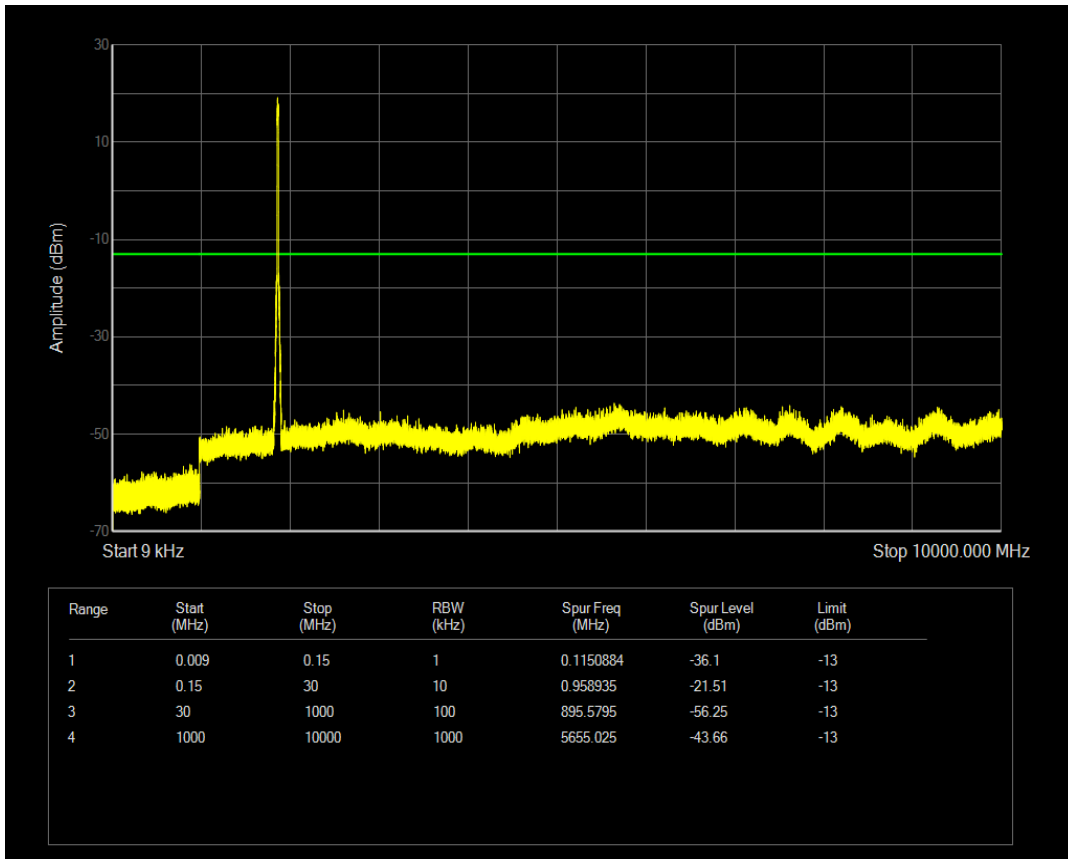


Band2 QAM16 BW=15MHz Channel=18675 RB Size=75 Position=#0

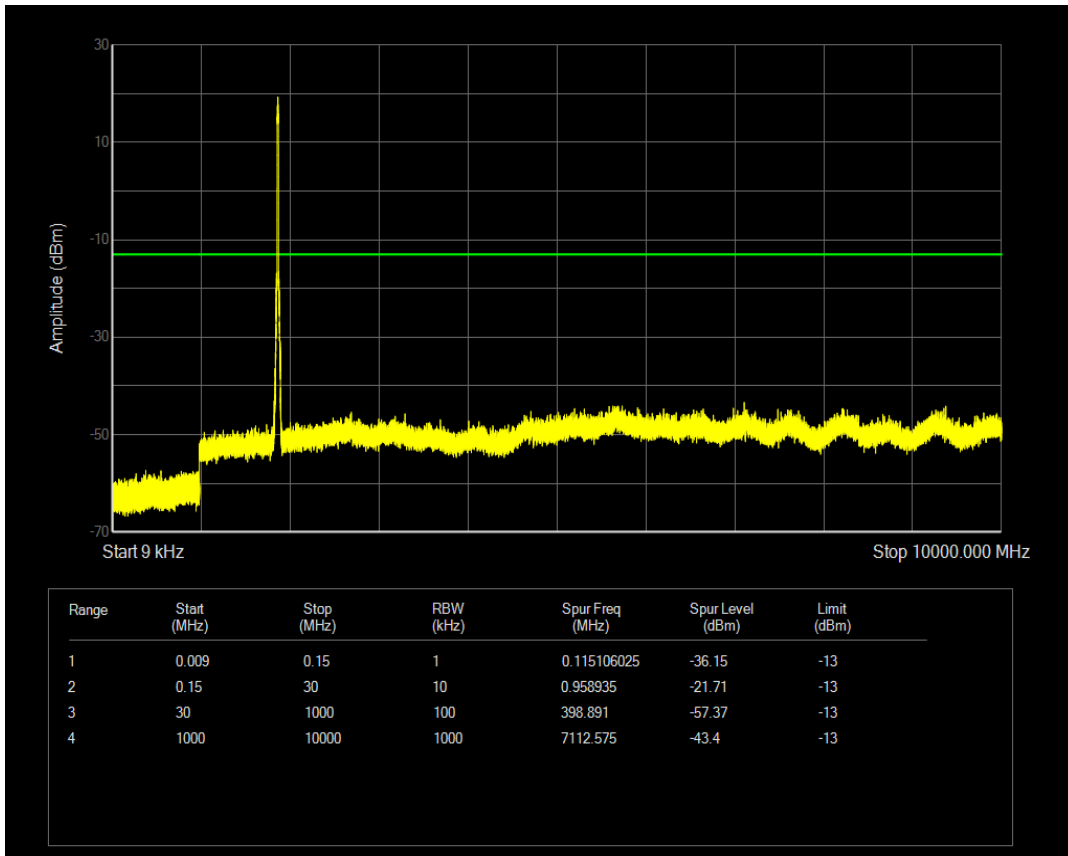




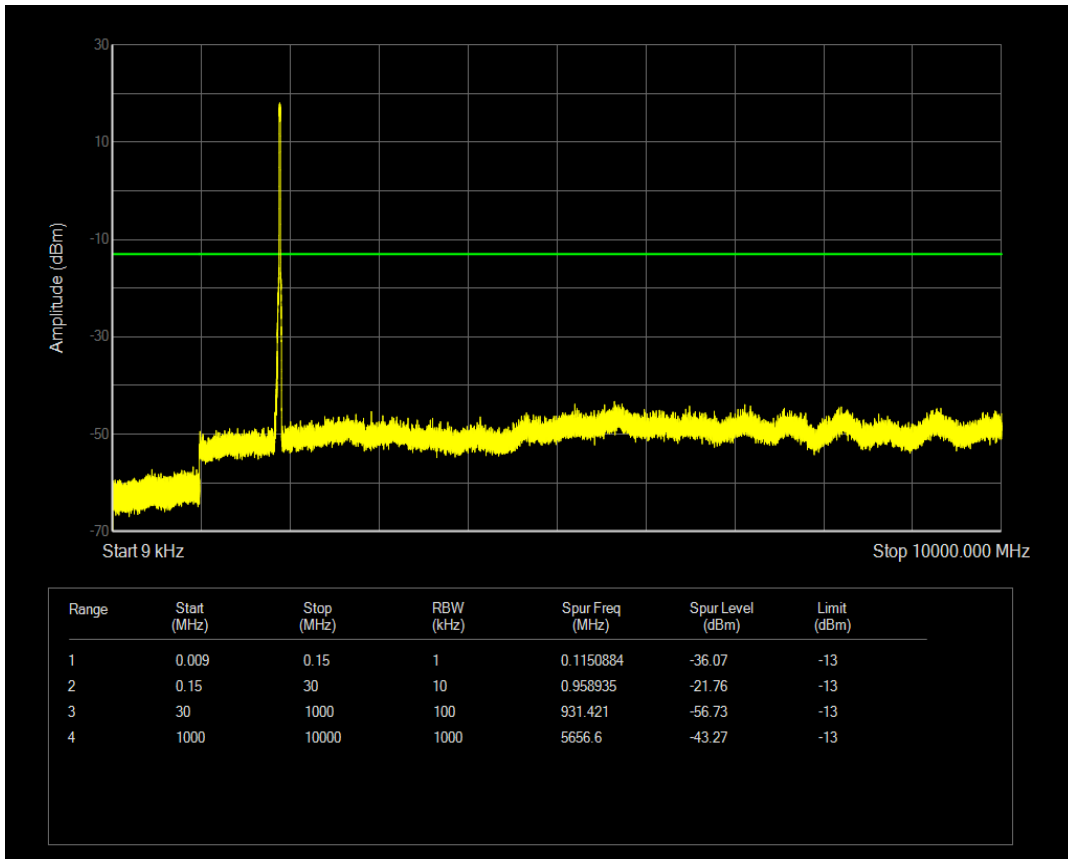
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



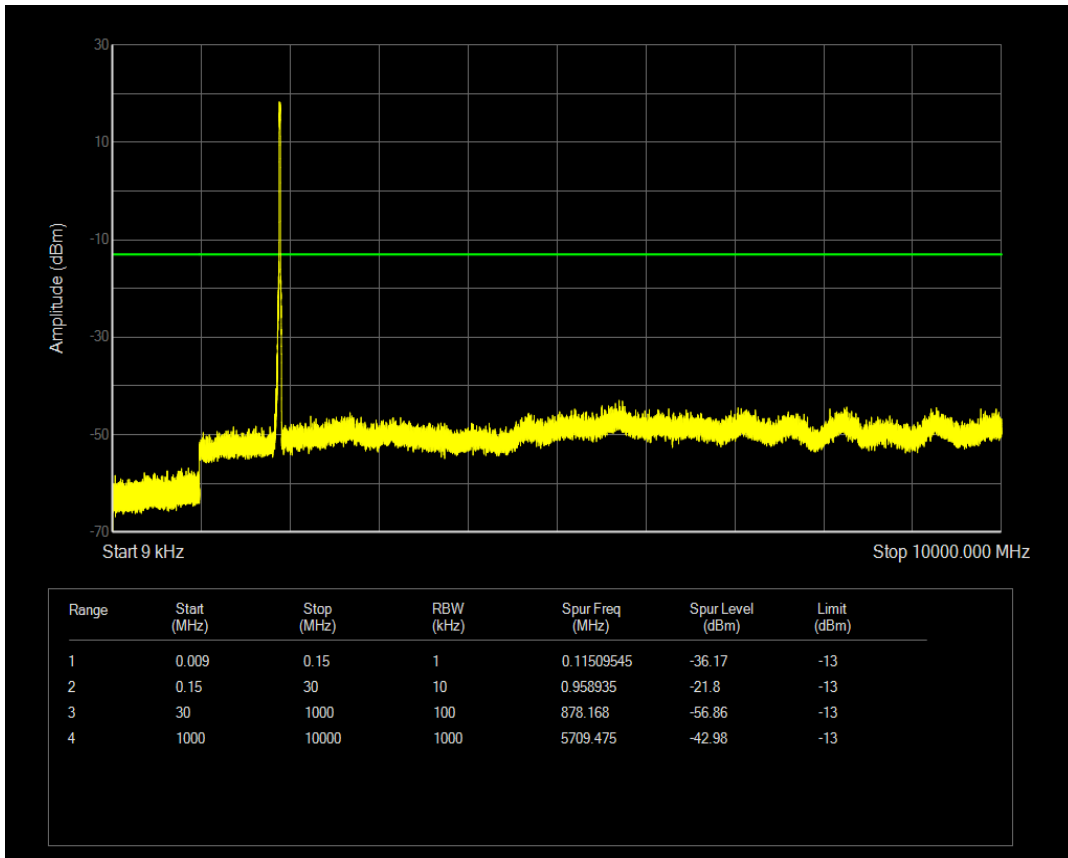
Band2 QAM16 BW=15MHz Channel=18900 RB Size=75 Position=#0



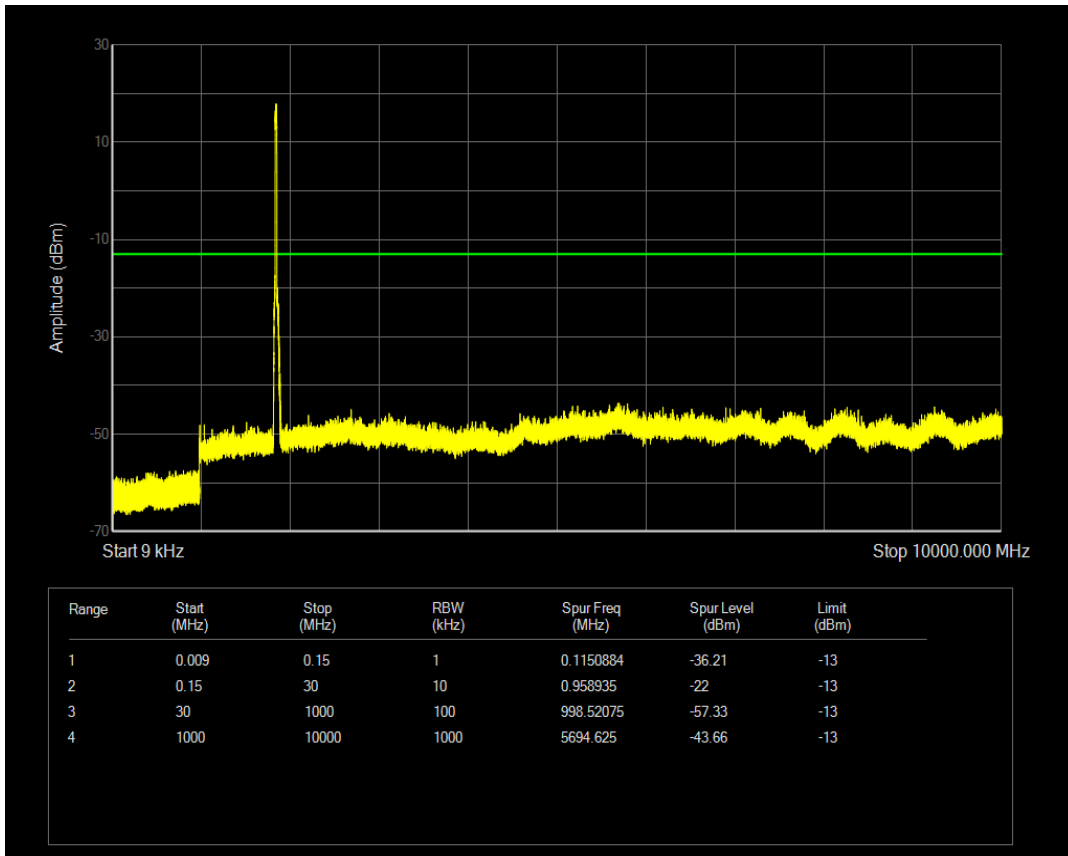
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



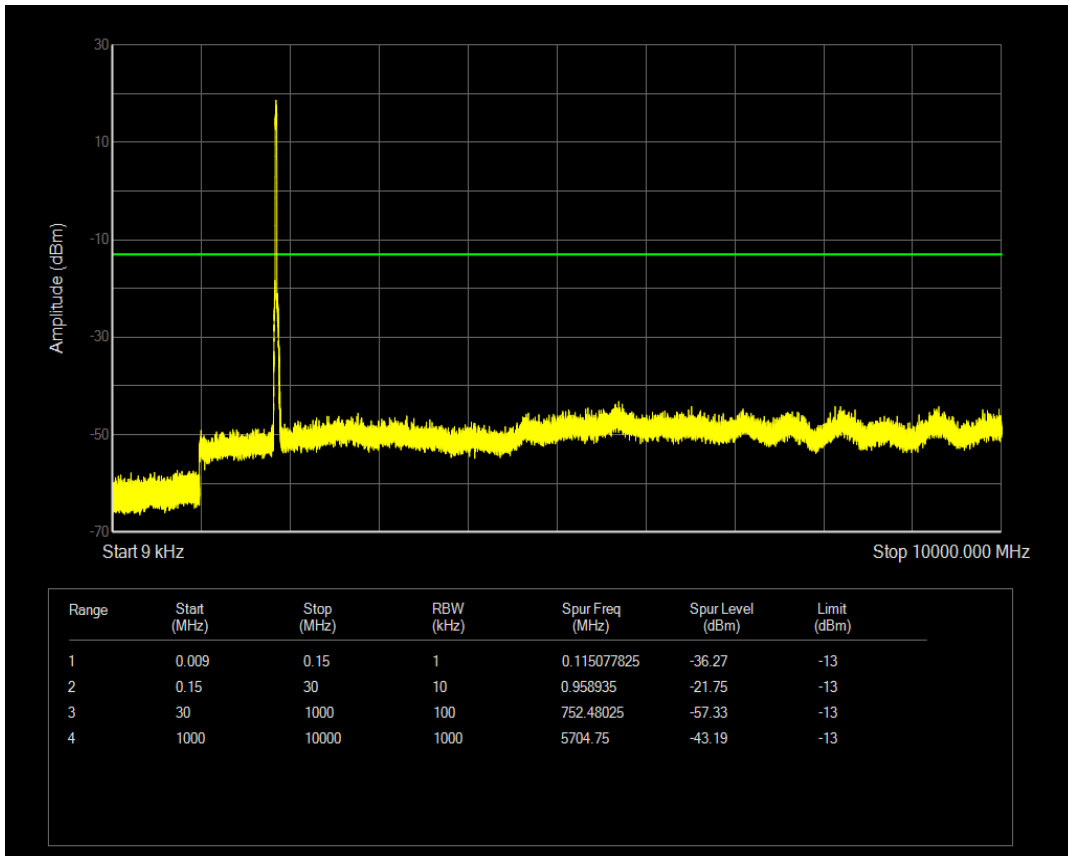
Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0



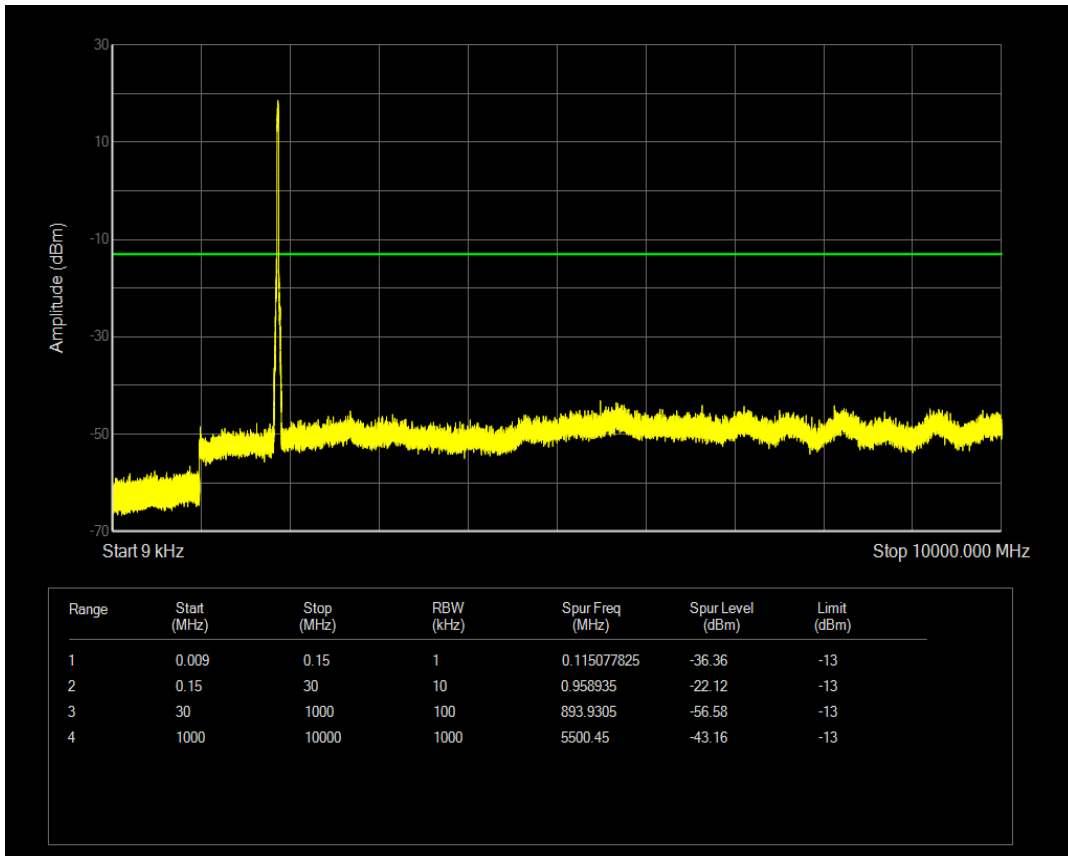
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



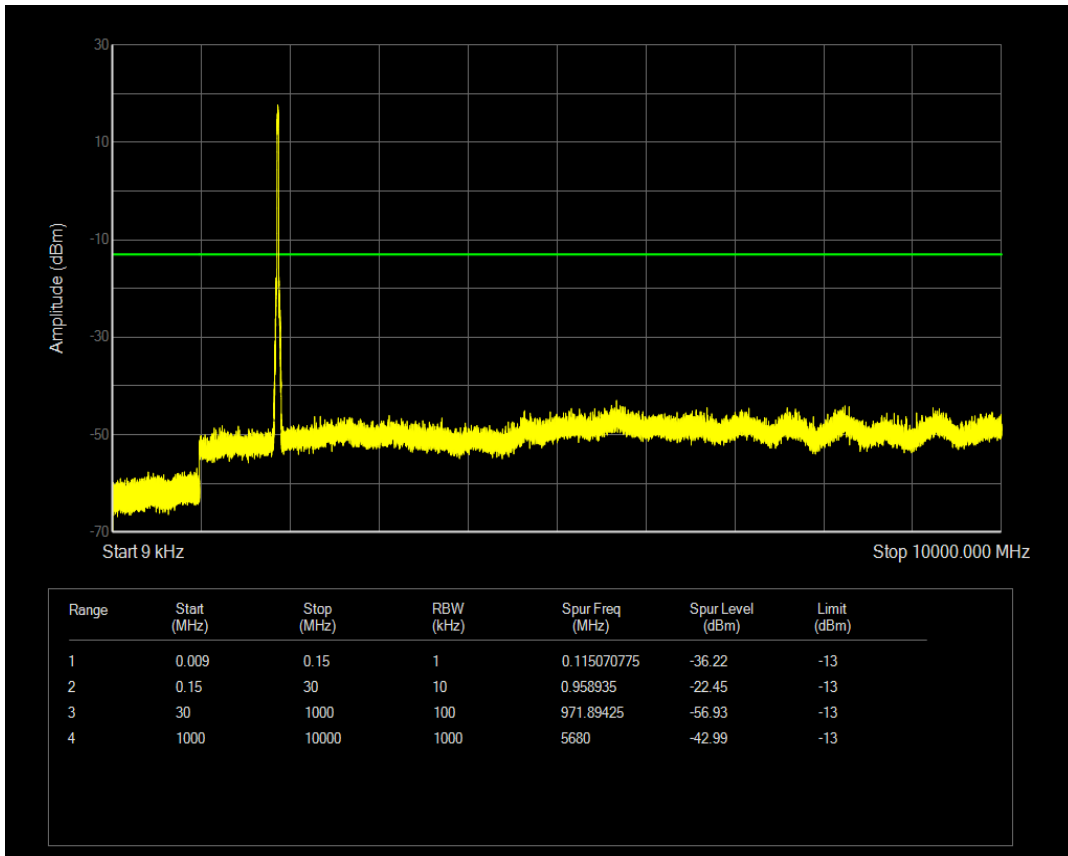
Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0



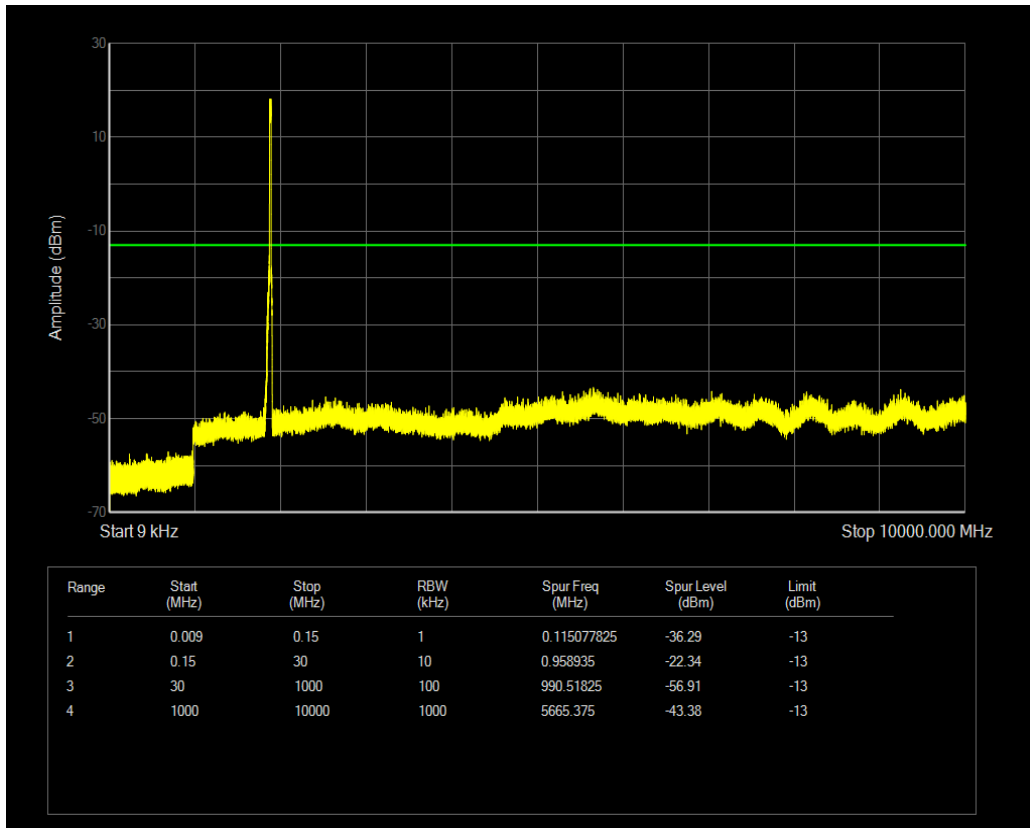
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



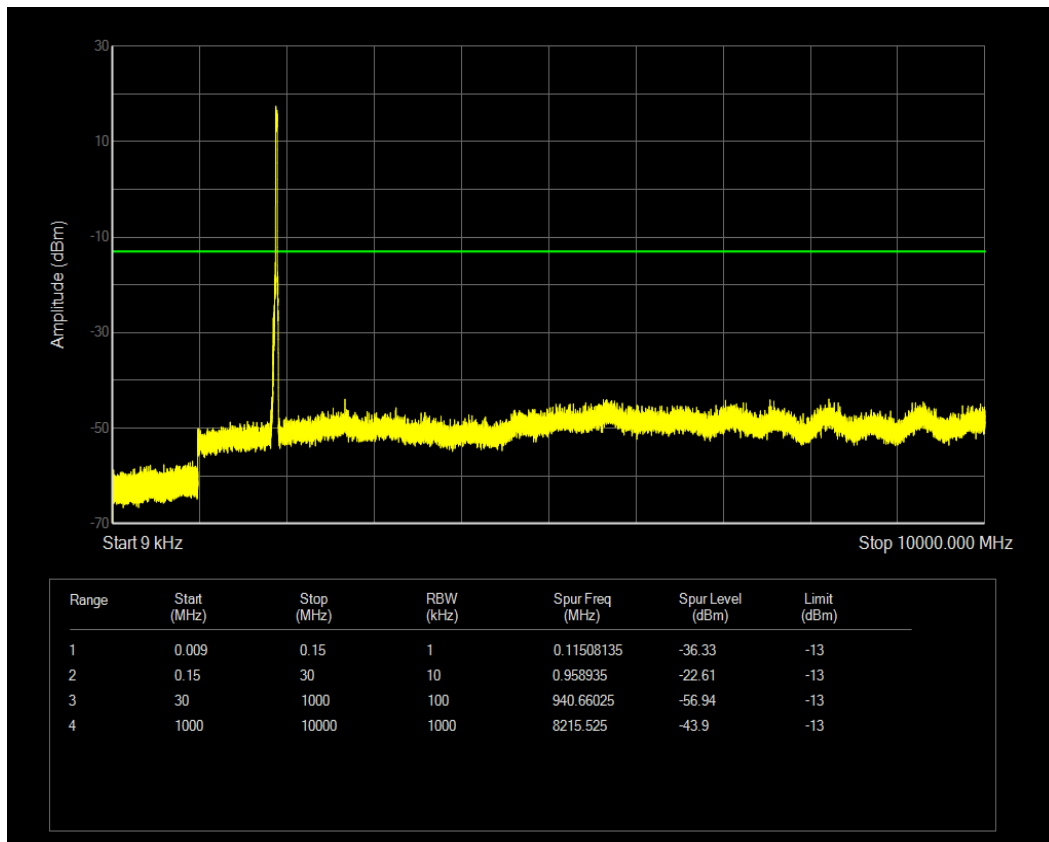
Band2 QAM16 BW=20MHz Channel=18900 RB Size=100 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0



\*\*\*\*\* END \*\*\*\*\*

## Appendix1. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band 2	1.4	18607	6	#0	QPSK	NV	-30	-1.24	-0.001	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	-20	-1.65	-0.001	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	0	-2.05	-0.001	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	10	-1.46	-0.001	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	20	-2.79	-0.002	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QAM16	NV	-30	-2.90	-0.002	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QAM16	NV	-20	-2.22	-0.001	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QAM16	NV	0	-1.65	-0.001	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QAM16	NV	10	-1.82	-0.001	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QAM16	NV	20	-1.22	-0.001	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	-30	-1.86	-0.001	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	-20	-3.12	-0.002	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	0	0.06	0.000	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	10	-2.79	-0.001	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	20	-3.00	-0.002	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QAM16	NV	-30	-1.67	-0.001	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QAM16	NV	-20	-3.66	-0.002	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QAM16	NV	0	-2.09	-0.001	-2.5	2.5	PASS

Band 2	1.4	18900	6	#0	QAM16	NV	10	-2.46	-0.00 1	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QAM16	NV	20	-2.30	-0.00 1	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	-30	0.24	0.000	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	-20	0.33	0.000	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	0	1.90	0.001	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	10	0.31	0.000	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	20	1.59	0.001	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QAM16	NV	-30	0.64	0.000	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QAM16	NV	-20	-1.32	-0.00 1	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QAM16	NV	0	0.01	0.000	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QAM16	NV	10	0.44	0.000	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QAM16	NV	20	-1.27	-0.00 1	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	-30	-1.97	-0.00 1	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	-20	-3.09	-0.00 2	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	0	-1.33	-0.00 1	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	10	-1.66	-0.00 1	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	20	-2.55	-0.00 1	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QAM16	NV	-30	-0.23	0.000	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QAM16	NV	-20	-1.89	-0.00 1	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QAM16	NV	0	-1.17	-0.00 1	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QAM16	NV	10	-1.70	-0.00 1	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QAM16	NV	20	-2.06	-0.00 1	-2.5	2.5	PASS

Band 2	3	18900	15	#0	QPSK	NV	-30	-3.65	-0.00 2	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	-20	-4.65	-0.00 2	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	0	-3.96	-0.00 2	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	10	-3.55	-0.00 2	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	20	-1.92	-0.00 1	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QAM16	NV	-30	-2.75	-0.00 1	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QAM16	NV	-20	-2.09	-0.00 1	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QAM16	NV	0	-3.12	-0.00 2	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QAM16	NV	10	-2.96	-0.00 2	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QAM16	NV	20	-3.69	-0.00 2	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	-30	1.66	0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	-20	-1.19	-0.00 1	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	0	0.09	0.000	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	10	2.37	0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	20	1.50	0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QAM16	NV	-30	0.70	0.000	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QAM16	NV	-20	2.03	0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QAM16	NV	0	0.13	0.000	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QAM16	NV	10	1.20	0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QAM16	NV	20	1.52	0.001	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	-30	-2.49	-0.00 1	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	-20	-1.82	-0.00 1	-2.5	2.5	PASS



Band 2	5	18625	25	#0	QPSK	NV	0	-2.20	-0.00 1	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	10	-2.35	-0.00 1	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	20	-1.19	-0.00 1	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QAM16	NV	-30	-1.10	-0.00 1	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QAM16	NV	-20	-0.94	-0.00 1	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QAM16	NV	0	-0.46	0.000	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QAM16	NV	10	-1.72	-0.00 1	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QAM16	NV	20	-0.10	0.000	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	-30	-3.50	-0.00 2	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	-20	-3.38	-0.00 2	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	0	-3.48	-0.00 2	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	10	-2.10	-0.00 1	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	20	-4.08	-0.00 2	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QAM16	NV	-30	-2.07	-0.00 1	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QAM16	NV	-20	-4.41	-0.00 2	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QAM16	NV	0	-3.32	-0.00 2	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QAM16	NV	10	-3.10	-0.00 2	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QAM16	NV	20	-3.68	-0.00 2	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	-30	0.36	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	-20	-0.37	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	0	-0.36	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	10	0.33	0.000	-2.5	2.5	PASS

Band 2	5	19175	25	#0	QPSK	NV	20	-0.27	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QAM16	NV	-30	2.02	0.001	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QAM16	NV	-20	0.86	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QAM16	NV	0	2.39	0.001	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QAM16	NV	10	0.70	0.000	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QAM16	NV	20	1.10	0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	-30	-1.52	-0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	-20	-1.79	-0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	0	-1.96	-0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	10	-1.44	-0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	20	-0.50	0.000	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QAM16	NV	-30	-1.19	-0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QAM16	NV	-20	-1.92	-0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QAM16	NV	0	-1.70	-0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QAM16	NV	10	-1.99	-0.001	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QAM16	NV	20	-1.95	-0.001	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	-30	-3.66	-0.002	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	-20	-3.95	-0.002	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	0	-2.88	-0.002	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	10	-1.60	-0.001	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	20	-2.09	-0.001	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QAM16	NV	-30	-2.49	-0.001	-2.5	2.5	PASS

Band 2	10	18900	50	#0	QAM16	NV	-20	-2.43	-0.00 1	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QAM16	NV	0	-3.62	-0.00 2	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QAM16	NV	10	-4.03	-0.00 2	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QAM16	NV	20	-4.02	-0.00 2	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	-30	0.70	0.000	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	-20	1.56	0.001	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	0	0.83	0.000	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	10	2.07	0.001	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	20	1.17	0.001	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QAM16	NV	-30	1.70	0.001	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QAM16	NV	-20	1.06	0.001	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QAM16	NV	0	0.92	0.000	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QAM16	NV	10	1.30	0.001	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QAM16	NV	20	3.02	0.002	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	-30	-3.28	-0.00 2	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	-20	-2.95	-0.00 2	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	0	-2.07	-0.00 1	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	10	-1.73	-0.00 1	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	20	-2.79	-0.00 2	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QAM16	NV	-30	-2.90	-0.00 2	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QAM16	NV	-20	-2.16	-0.00 1	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QAM16	NV	0	-1.89	-0.00 1	-2.5	2.5	PASS

Band 2	15	18675	75	#0	QAM16	NV	10	-2.37	-0.00 1	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QAM16	NV	20	-5.04	-0.00 3	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	-30	-2.95	-0.00 2	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	-20	-1.79	-0.00 1	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	0	-2.53	-0.00 1	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	10	-2.07	-0.00 1	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	20	-2.95	-0.00 2	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QAM16	NV	-30	-1.82	-0.00 1	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QAM16	NV	-20	-1.95	-0.00 1	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QAM16	NV	0	-2.47	-0.00 1	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QAM16	NV	10	-4.32	-0.00 2	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QAM16	NV	20	-3.29	-0.00 2	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	-30	-1.72	-0.00 1	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	-20	-3.60	-0.00 2	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	0	-2.83	-0.00 1	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	10	-2.06	-0.00 1	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	20	-2.69	-0.00 1	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QAM16	NV	-30	-2.88	-0.00 2	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QAM16	NV	-20	-2.70	-0.00 1	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QAM16	NV	0	-3.09	-0.00 2	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QAM16	NV	10	-3.16	-0.00 2	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QAM16	NV	20	-4.39	-0.00 2	-2.5	2.5	PASS

Band 2	20	18700	100	#0	QPSK	NV	-30	-0.80	0.000	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	-20	-0.24	0.000	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	0	1.60	0.001	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	10	0.66	0.000	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	20	-0.36	0.000	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QAM16	NV	-30	0.00	0.000	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QAM16	NV	-20	-0.04	0.000	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QAM16	NV	0	2.00	0.001	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QAM16	NV	10	1.52	0.001	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QAM16	NV	20	0.63	0.000	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	-30	-3.58	-0.002	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	-20	-2.62	-0.001	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	0	-2.19	-0.001	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	10	-3.16	-0.002	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	20	-2.56	-0.001	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QAM16	NV	-30	-3.09	-0.002	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QAM16	NV	-20	-2.56	-0.001	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QAM16	NV	0	-3.16	-0.002	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QAM16	NV	10	-2.66	-0.001	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QAM16	NV	20	-0.64	0.000	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	-30	-2.72	-0.001	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	-20	-1.99	-0.001	-2.5	2.5	PASS

Band 2	20	19100	100	#0	QPSK	NV	0	-0.96	-0.00 1	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	10	-1.92	-0.00 1	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	20	-0.76	0.000	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QAM16	NV	-30	-2.82	-0.00 1	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QAM16	NV	-20	-1.89	-0.00 1	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QAM16	NV	0	-2.02	-0.00 1	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QAM16	NV	10	-2.29	-0.00 1	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QAM16	NV	20	-2.59	-0.00 1	-2.5	2.5	PASS

**\*\*\*\*\* END \*\*\*\*\***

