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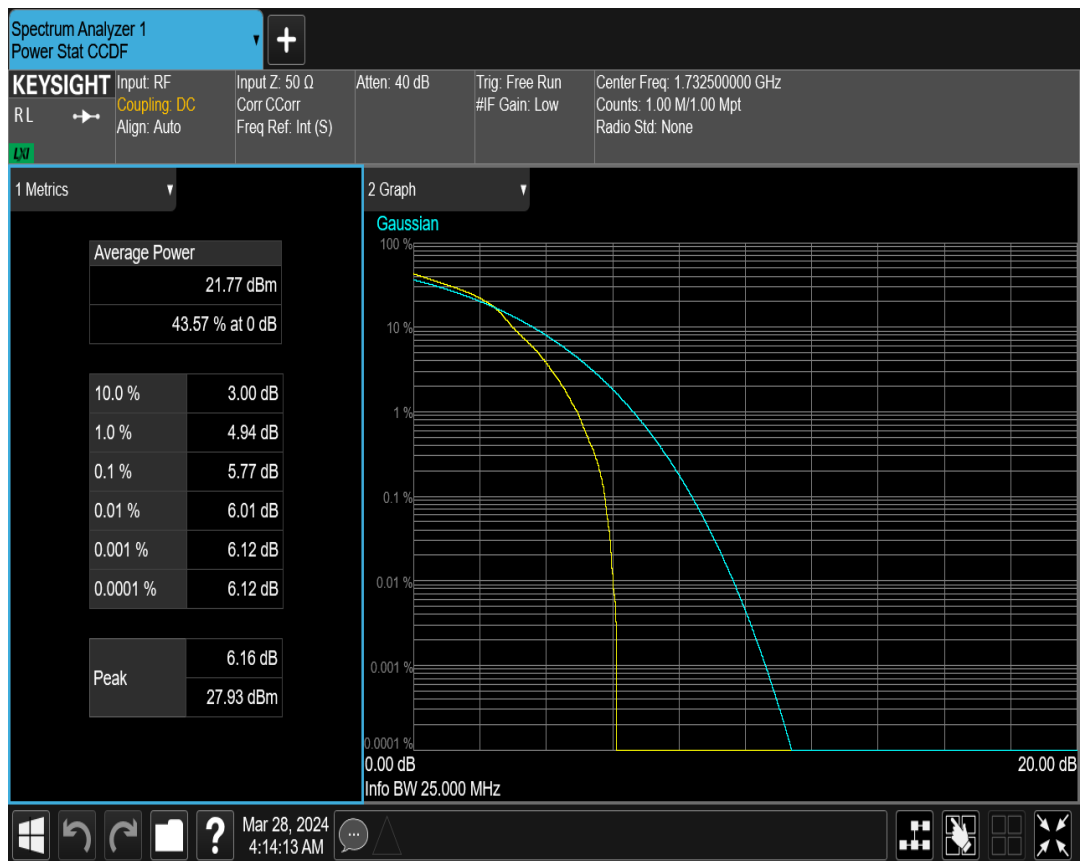
1 Frequency stability (Voltage:3.45V, Temperature:-10°C) Worst data.

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band4	20	20050	100	#0	QPSK	12.27	0.007	-2.5	2.5	PASS
Band4	20	20050	100	#0	16QAM	8.84	0.005	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	9.05	0.005	-2.5	2.5	PASS
Band4	20	20175	100	#0	16QAM	19.02	0.011	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	15.59	0.009	-2.5	2.5	PASS
Band4	20	20300	100	#0	16QAM	21.87	0.013	-2.5	2.5	PASS

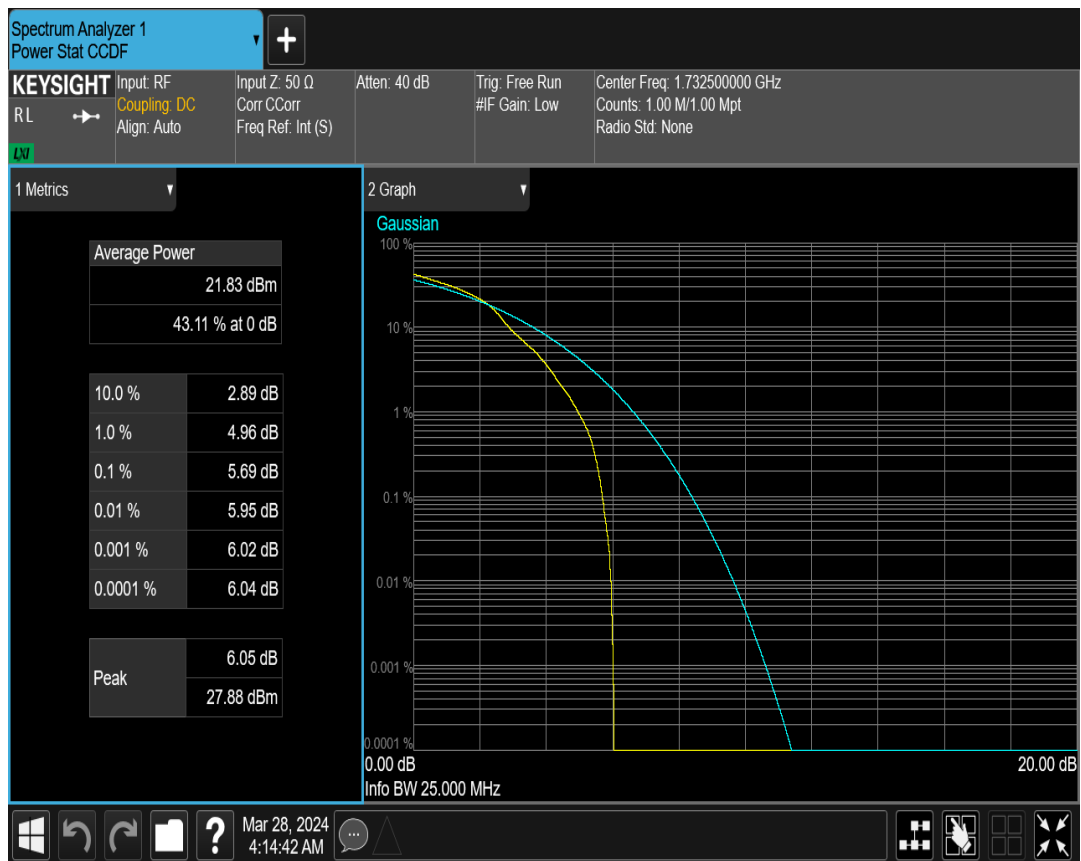
2 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QPSK	5.15	13	PASS
Band4	1.4	20175	1	#0	16QAM	5.77	13	PASS
Band4	3	20175	1	#0	QPSK	5.11	13	PASS
Band4	3	20175	1	#0	16QAM	5.94	13	PASS
Band4	5	20175	1	#0	QPSK	5.30	13	PASS
Band4	5	20175	1	#0	16QAM	5.88	13	PASS
Band4	10	20175	1	#0	QPSK	5.07	13	PASS
Band4	10	20175	1	#0	16QAM	5.69	13	PASS
Band4	15	20175	1	#0	QPSK	5.03	13	PASS
Band4	15	20175	1	#0	16QAM	5.66	13	PASS
Band4	20	20175	1	#0	QPSK	4.86	13	PASS
Band4	20	20175	1	#0	16QAM	5.51	13	PASS

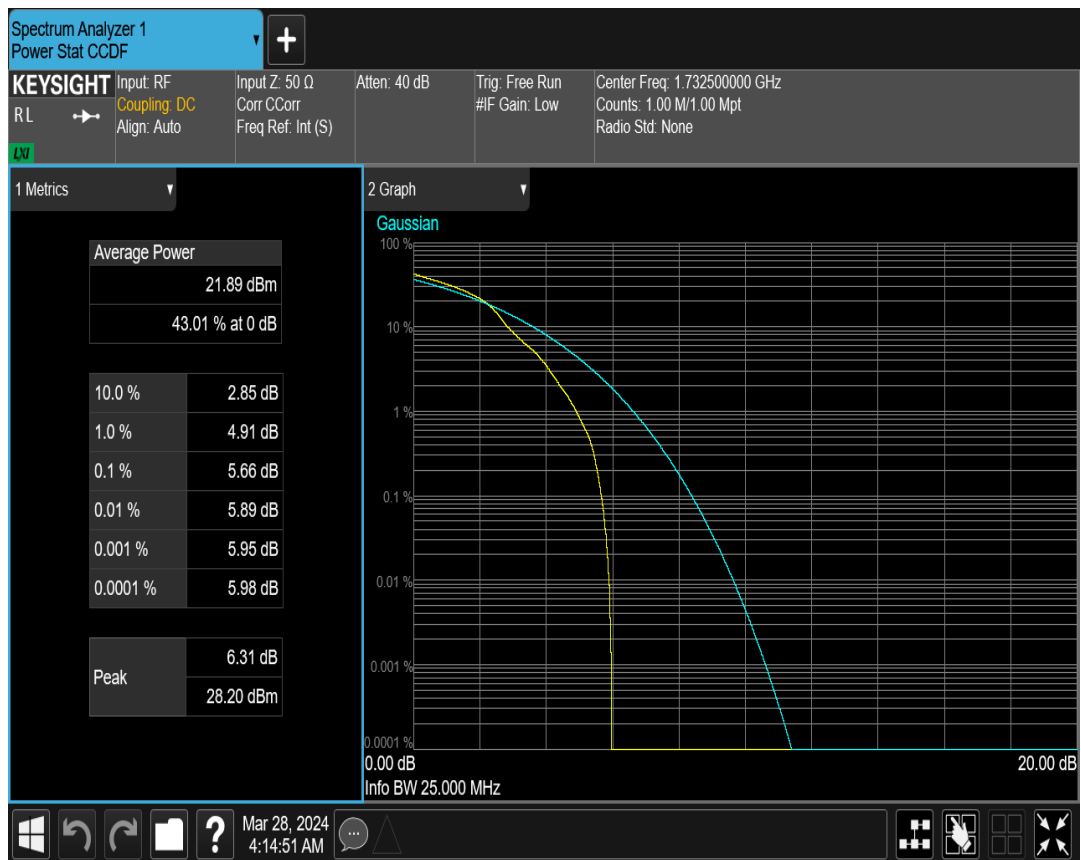
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



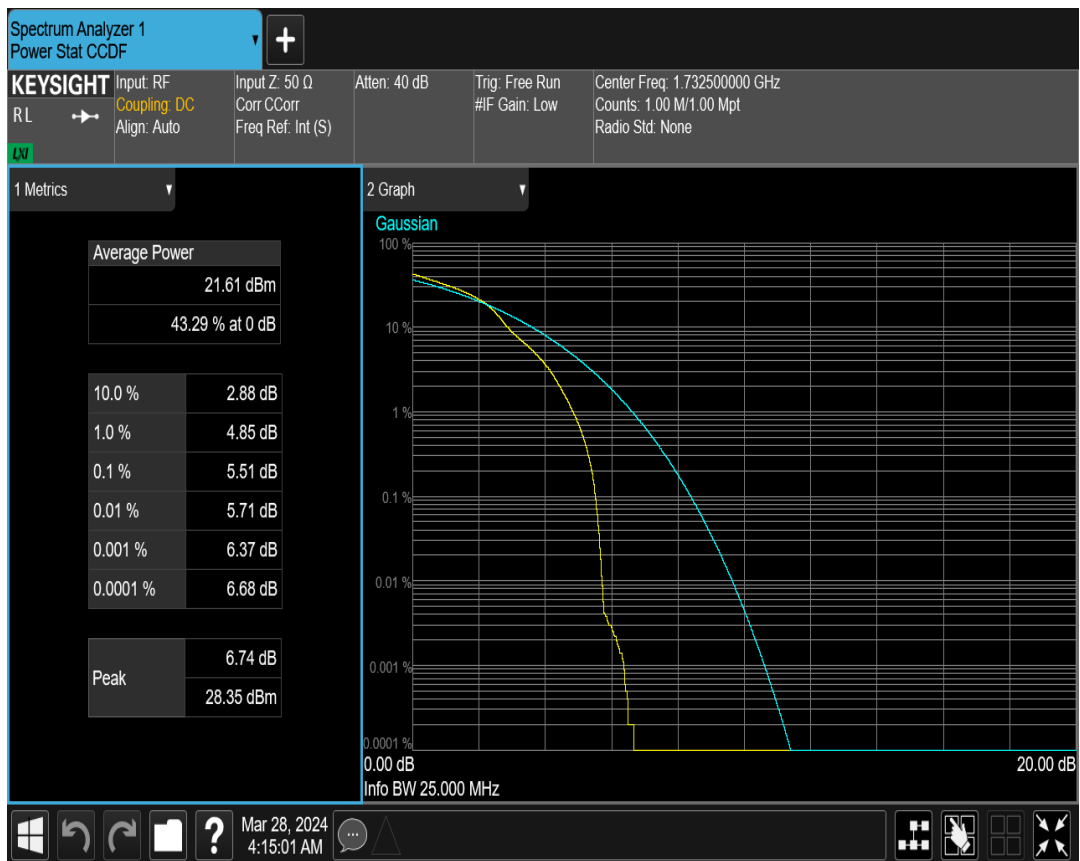
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



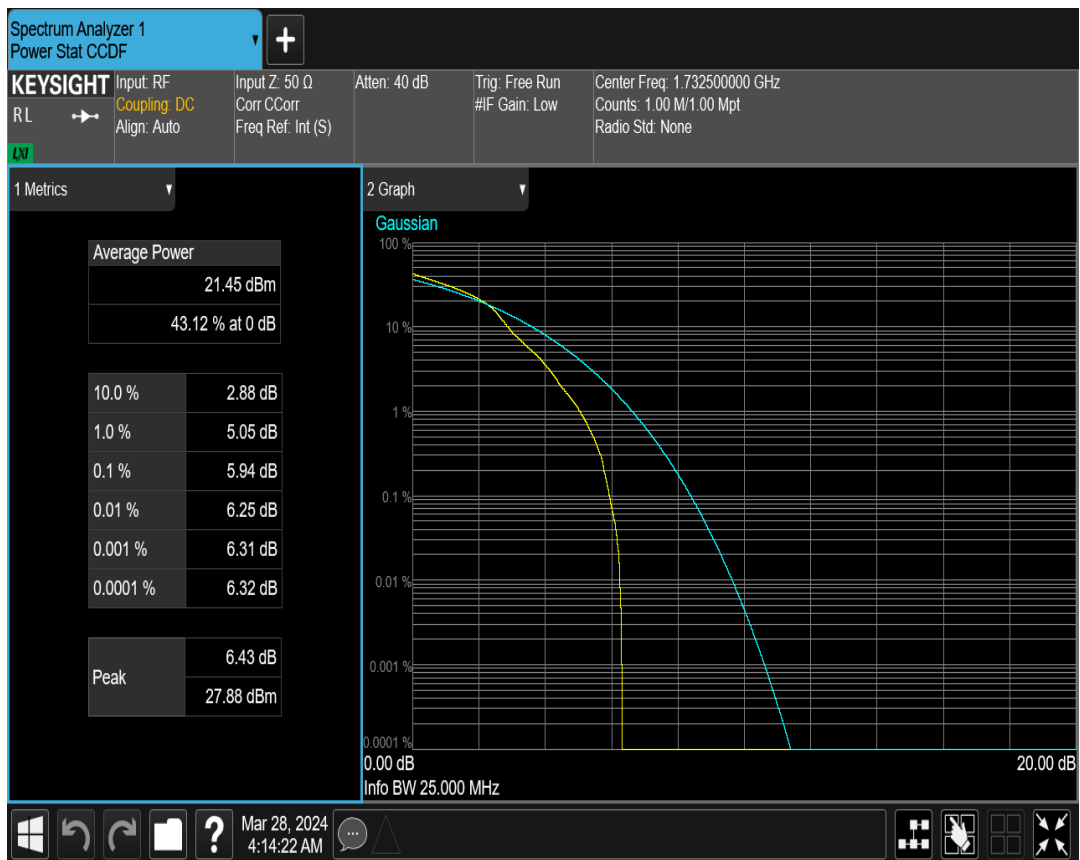
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



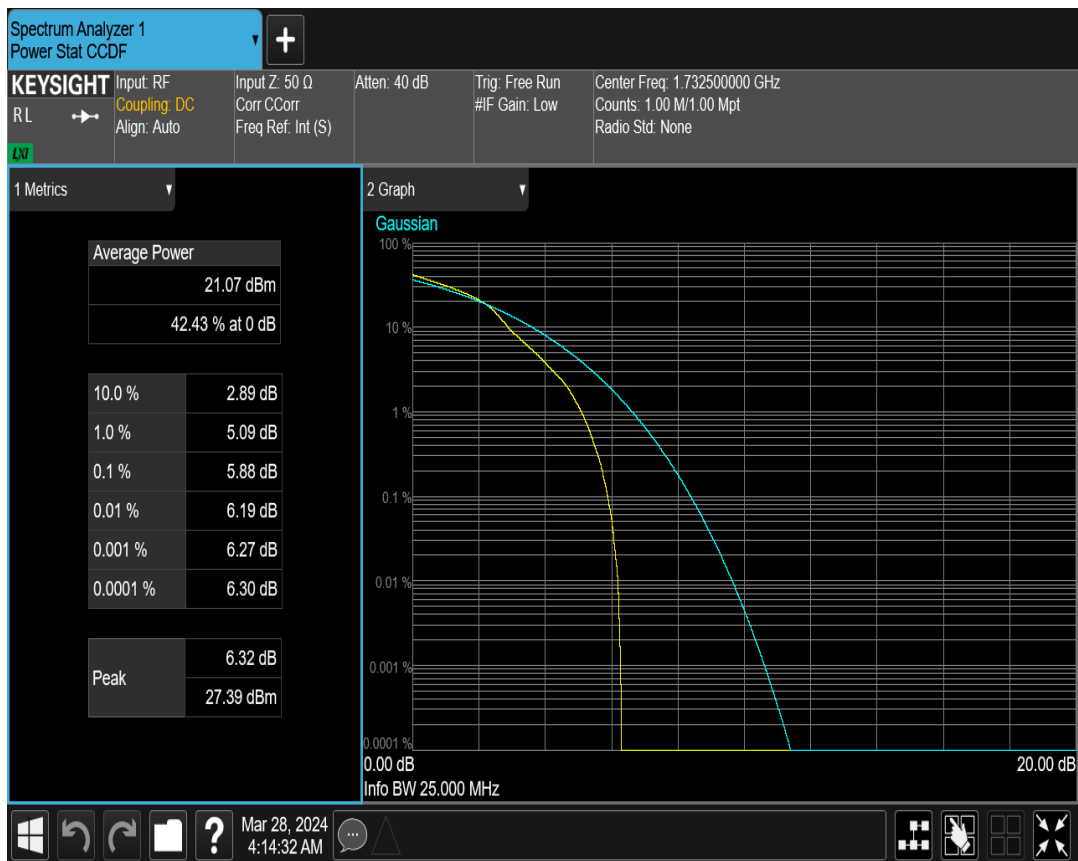
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



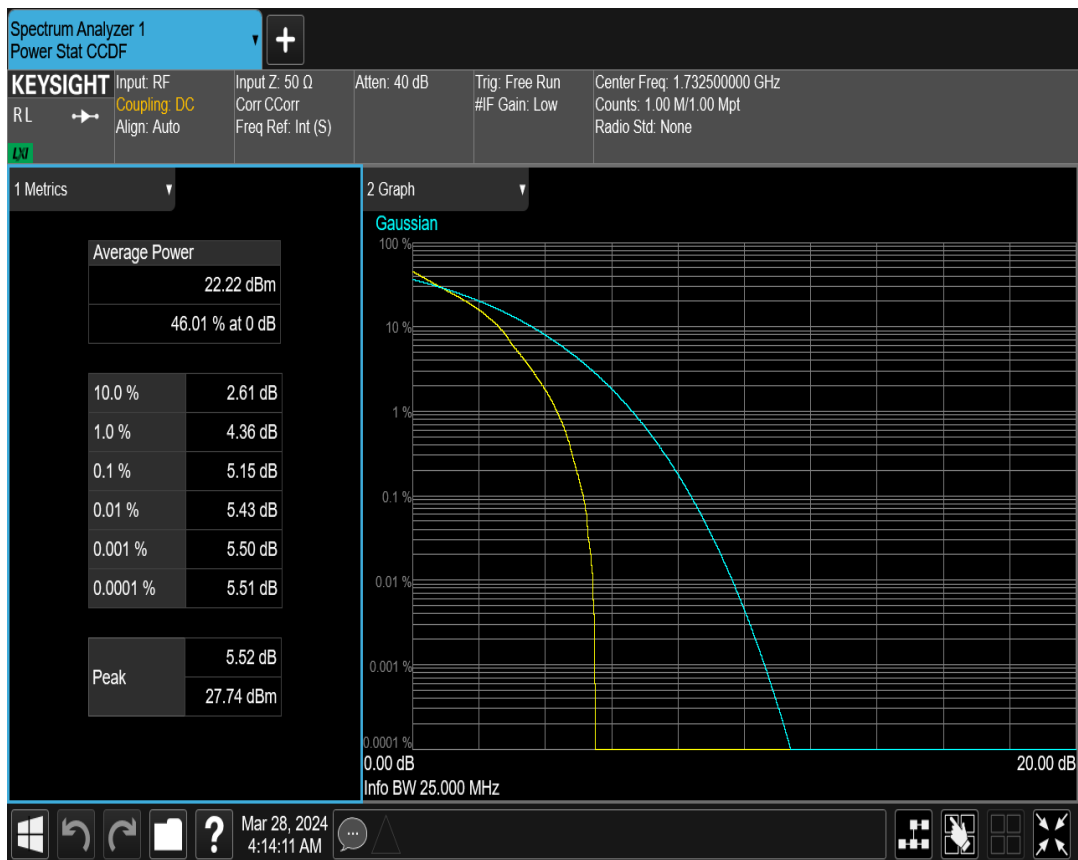
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



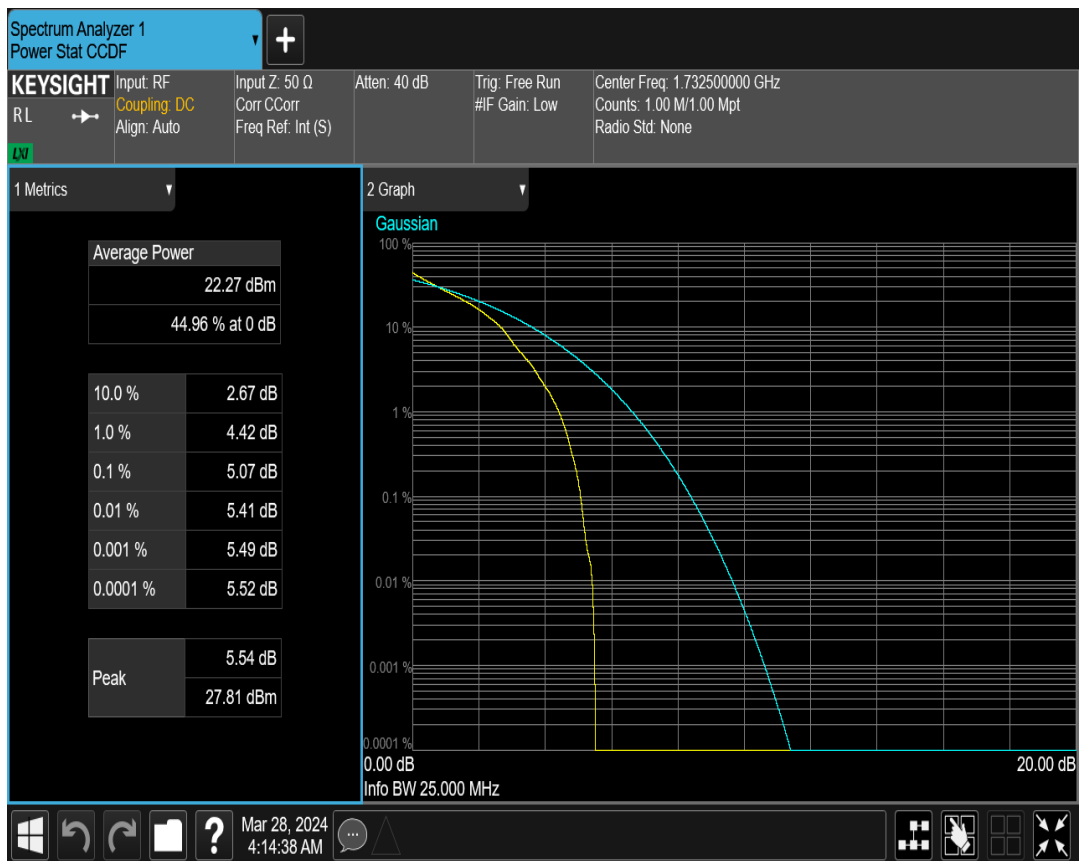
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



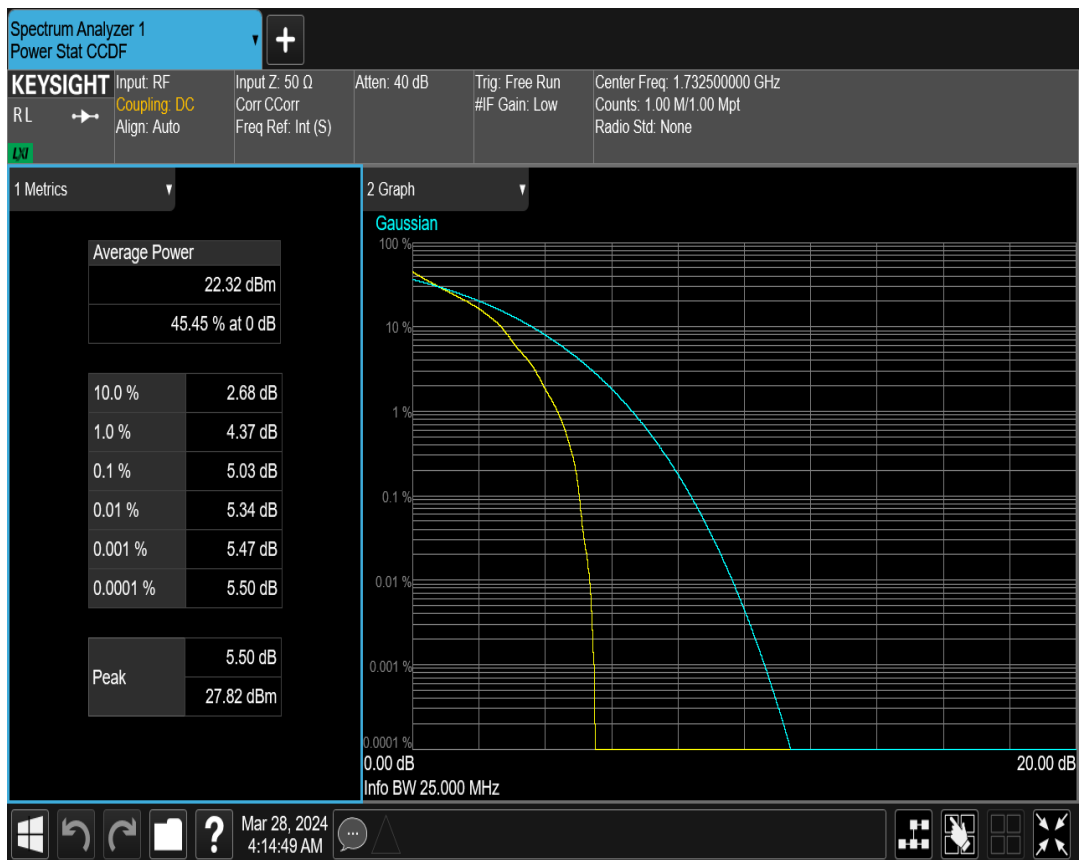
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



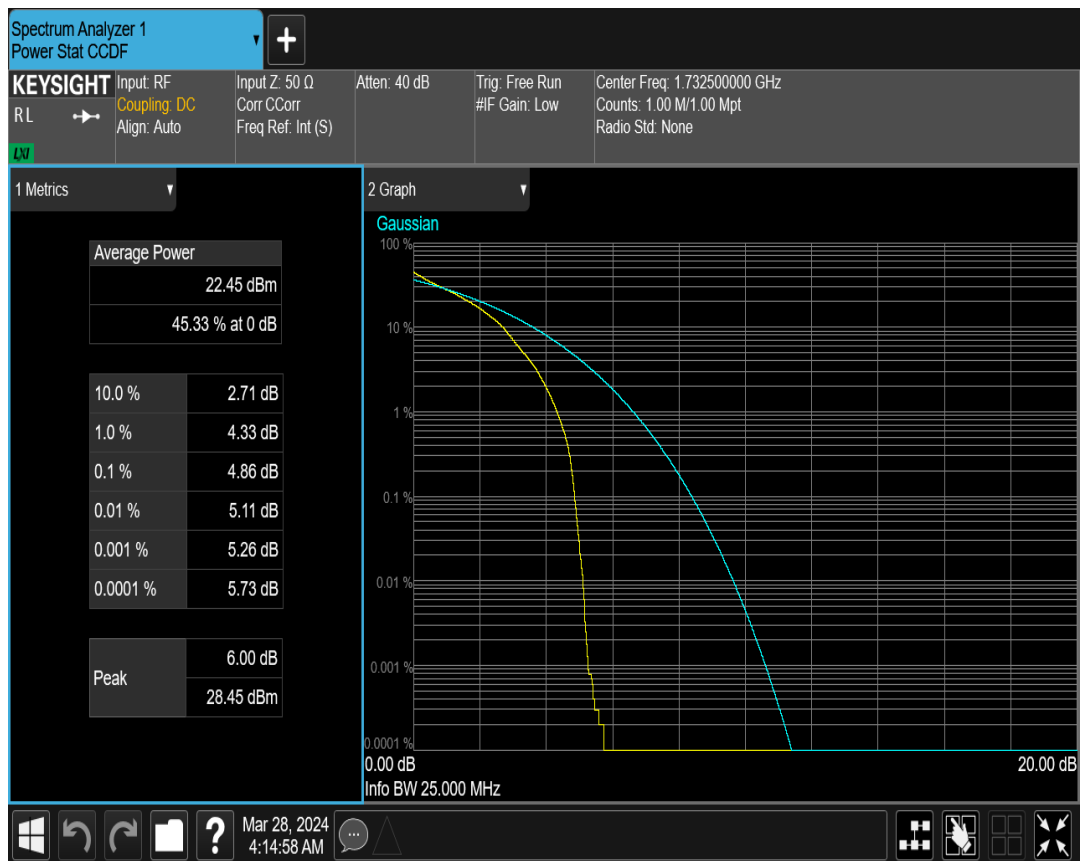
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



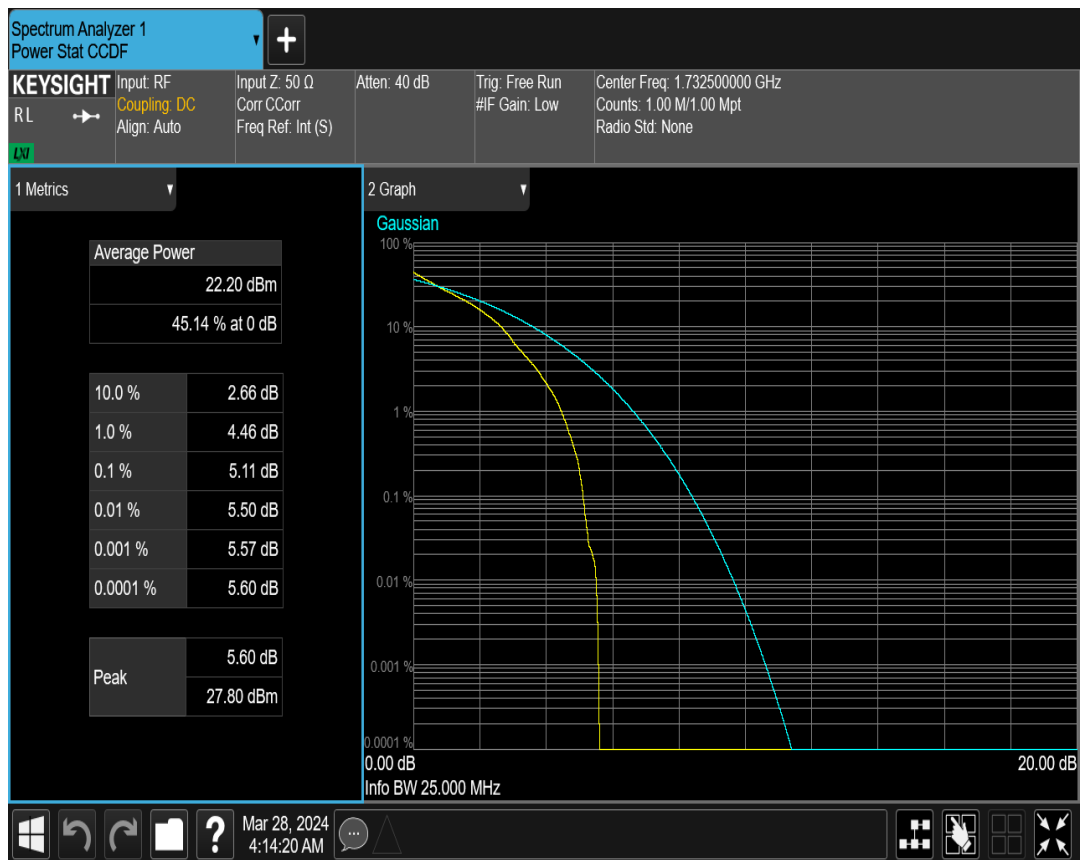
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



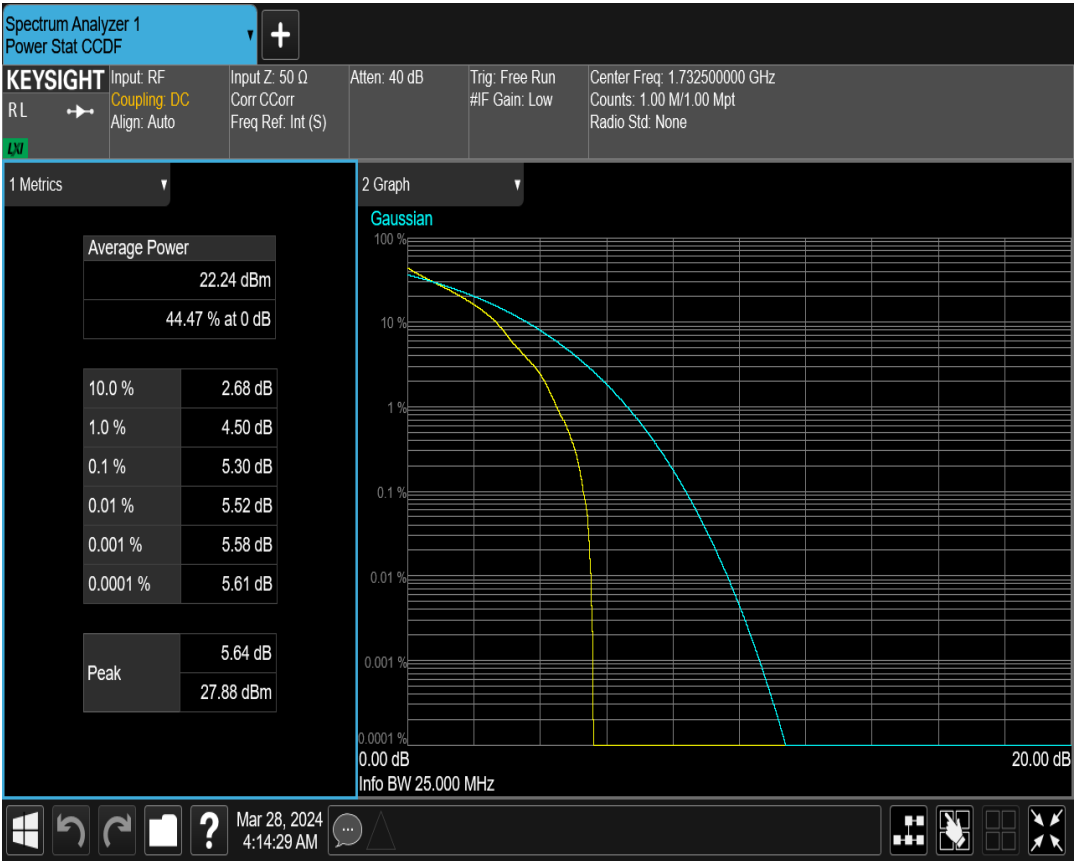
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



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



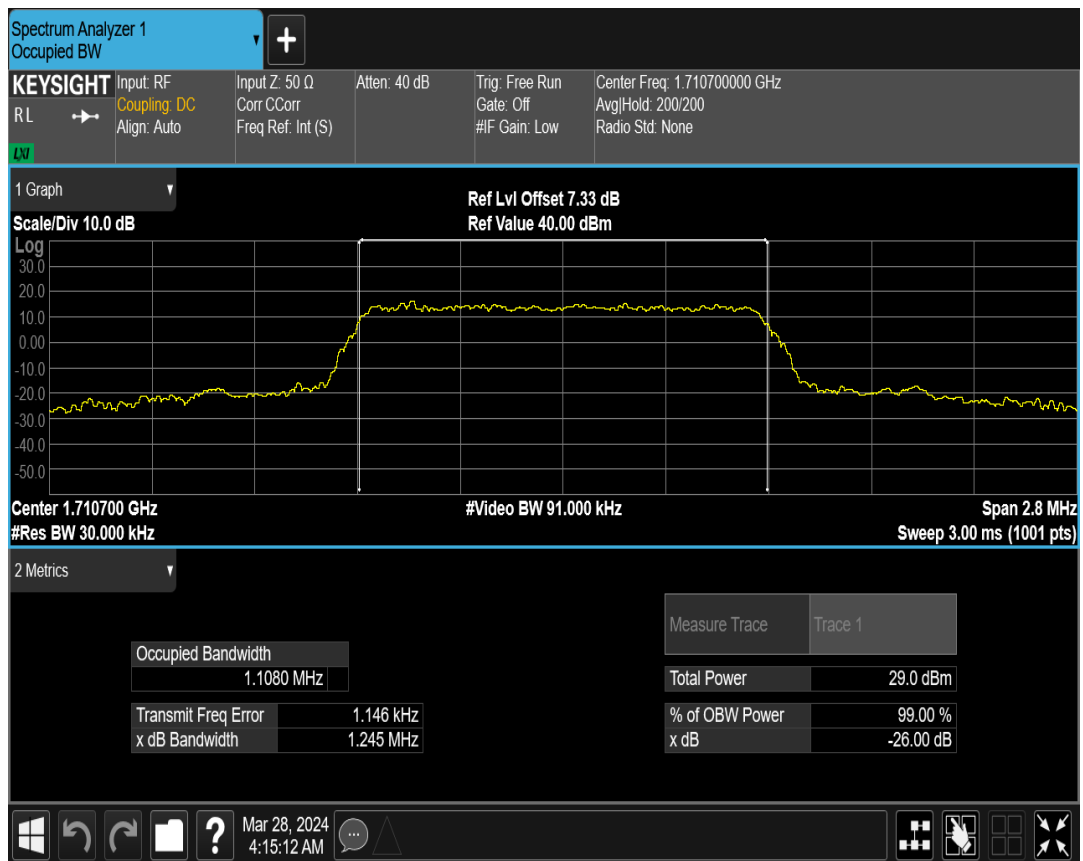
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



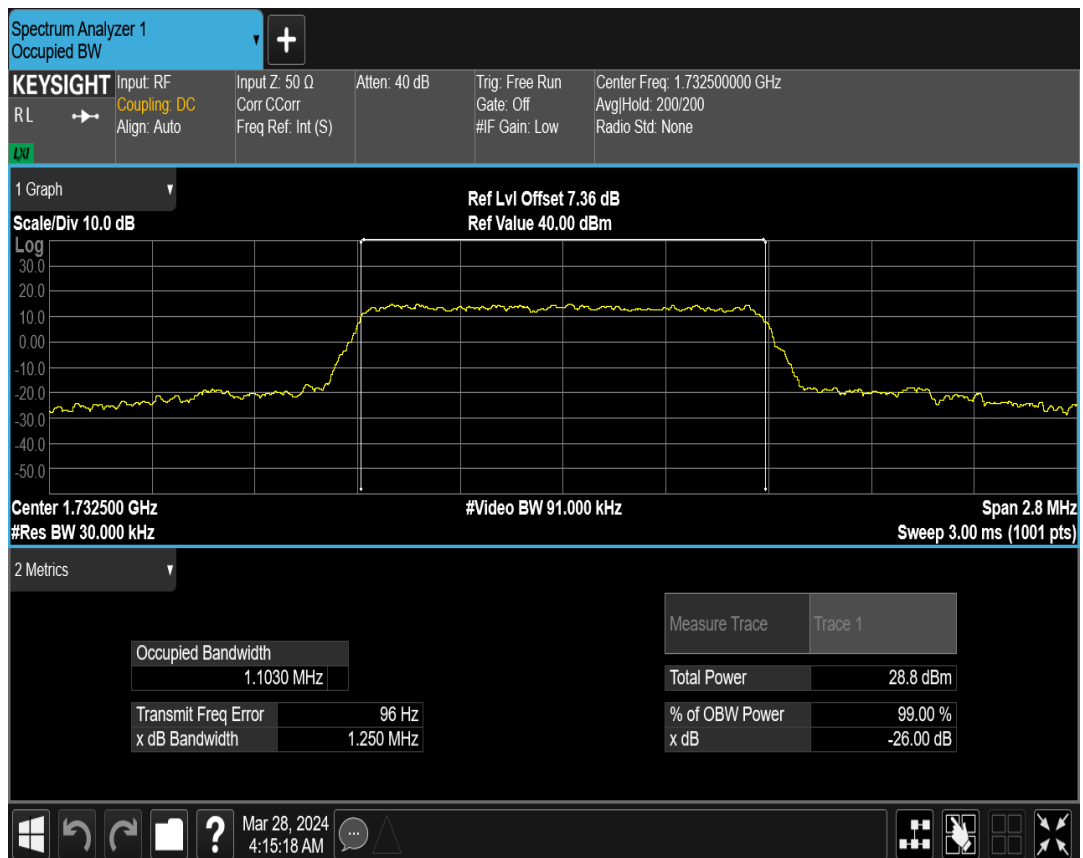
3 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.097	1.248	PASS
Band4	1.4	19957	6	#0	16QAM	1.108	1.245	PASS
Band4	1.4	20175	6	#0	QPSK	1.101	1.245	PASS
Band4	1.4	20175	6	#0	16QAM	1.103	1.250	PASS
Band4	1.4	20393	6	#0	QPSK	1.099	1.246	PASS
Band4	1.4	20393	6	#0	16QAM	1.098	1.249	PASS
Band4	3	19965	15	#0	QPSK	2.715	3.057	PASS
Band4	3	19965	15	#0	16QAM	2.703	3.049	PASS
Band4	3	20175	15	#0	QPSK	2.709	3.035	PASS
Band4	3	20175	15	#0	16QAM	2.704	3.045	PASS
Band4	3	20385	15	#0	QPSK	2.715	3.017	PASS
Band4	3	20385	15	#0	16QAM	2.705	3.049	PASS
Band4	5	19975	25	#0	QPSK	4.509	4.955	PASS
Band4	5	19975	25	#0	16QAM	4.522	5.002	PASS
Band4	5	20175	25	#0	QPSK	4.516	4.984	PASS
Band4	5	20175	25	#0	16QAM	4.500	4.981	PASS
Band4	5	20375	25	#0	QPSK	4.506	4.916	PASS
Band4	5	20375	25	#0	16QAM	4.517	4.982	PASS
Band4	10	20000	50	#0	QPSK	9.000	9.888	PASS
Band4	10	20000	50	#0	16QAM	9.005	9.834	PASS
Band4	10	20175	50	#0	QPSK	8.982	9.877	PASS
Band4	10	20175	50	#0	16QAM	8.985	9.792	PASS
Band4	10	20350	50	#0	QPSK	9.029	9.903	PASS
Band4	10	20350	50	#0	16QAM	9.002	9.816	PASS
Band4	15	20025	75	#0	QPSK	13.461	14.778	PASS
Band4	15	20025	75	#0	16QAM	13.461	14.939	PASS
Band4	15	20175	75	#0	QPSK	13.448	14.713	PASS
Band4	15	20175	75	#0	16QAM	13.529	14.813	PASS
Band4	15	20325	75	#0	QPSK	13.484	15.062	PASS
Band4	15	20325	75	#0	16QAM	13.477	14.611	PASS
Band4	20	20050	100	#0	QPSK	18.012	19.562	PASS
Band4	20	20050	100	#0	16QAM	17.978	19.583	PASS
Band4	20	20175	100	#0	QPSK	17.953	19.608	PASS
Band4	20	20175	100	#0	16QAM	18.006	19.522	PASS
Band4	20	20300	100	#0	QPSK	18.013	19.703	PASS
Band4	20	20300	100	#0	16QAM	18.030	19.606	PASS

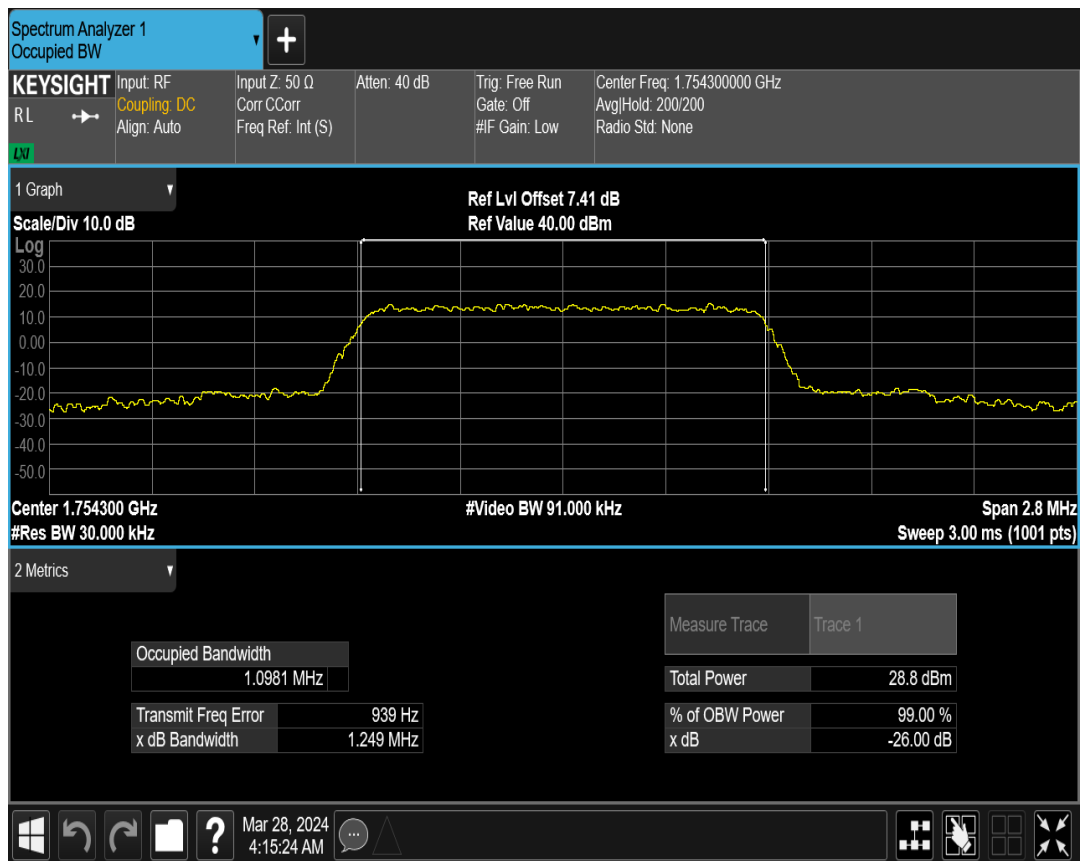
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



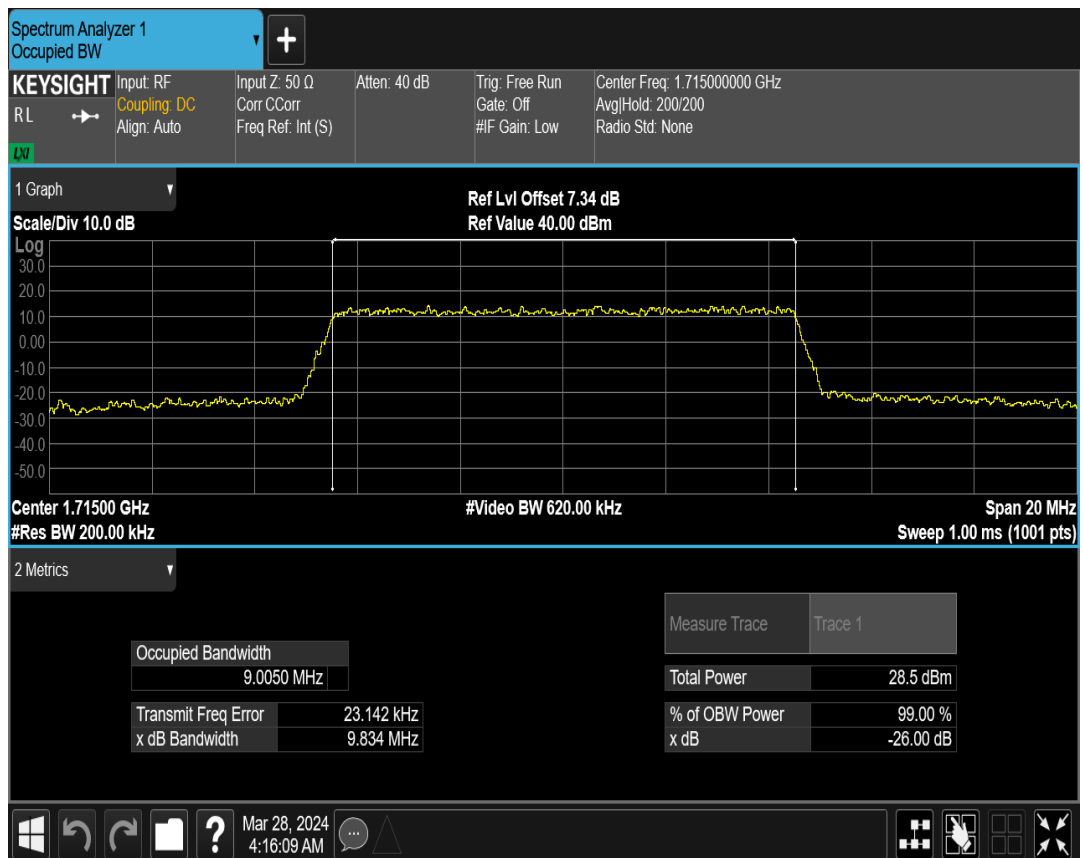
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



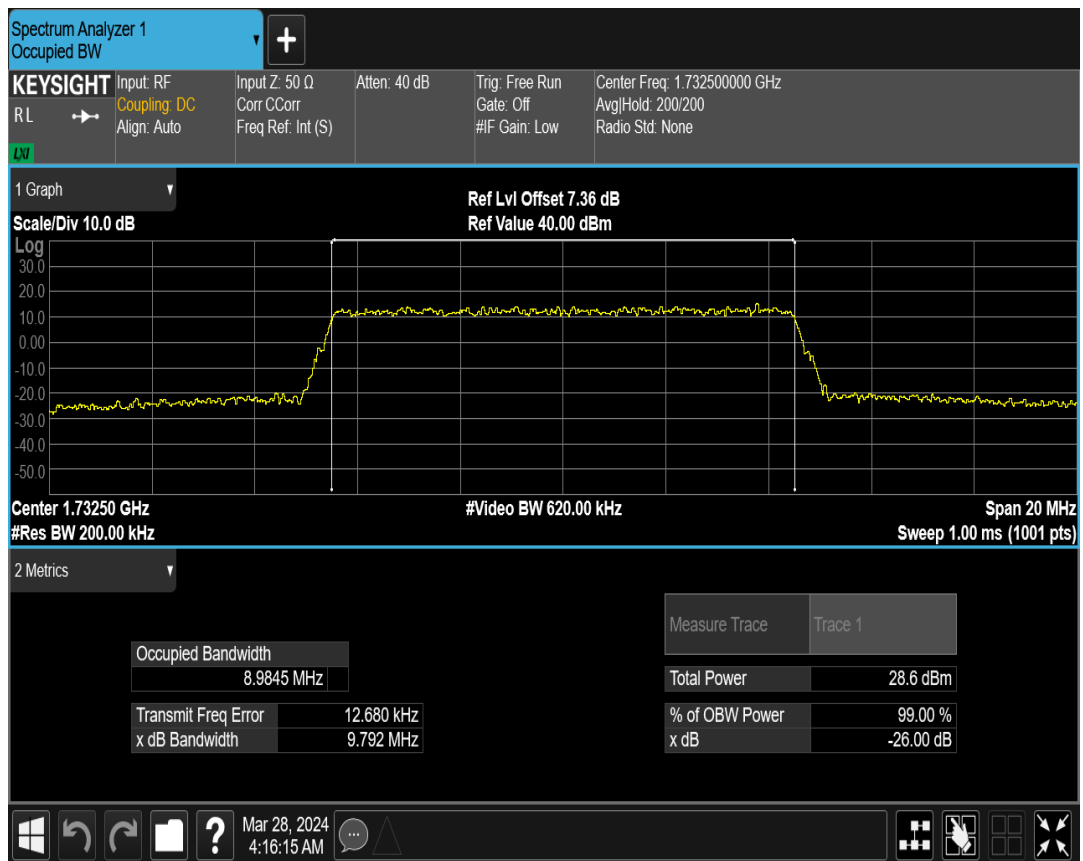
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



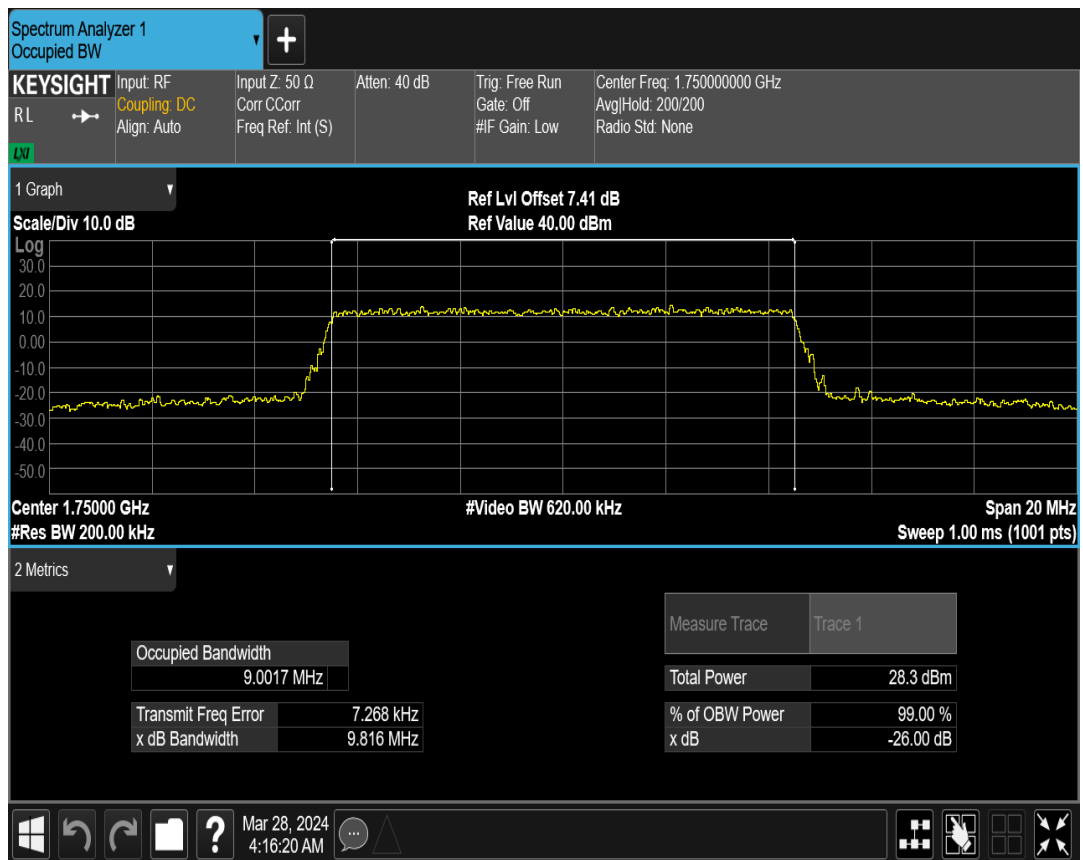
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



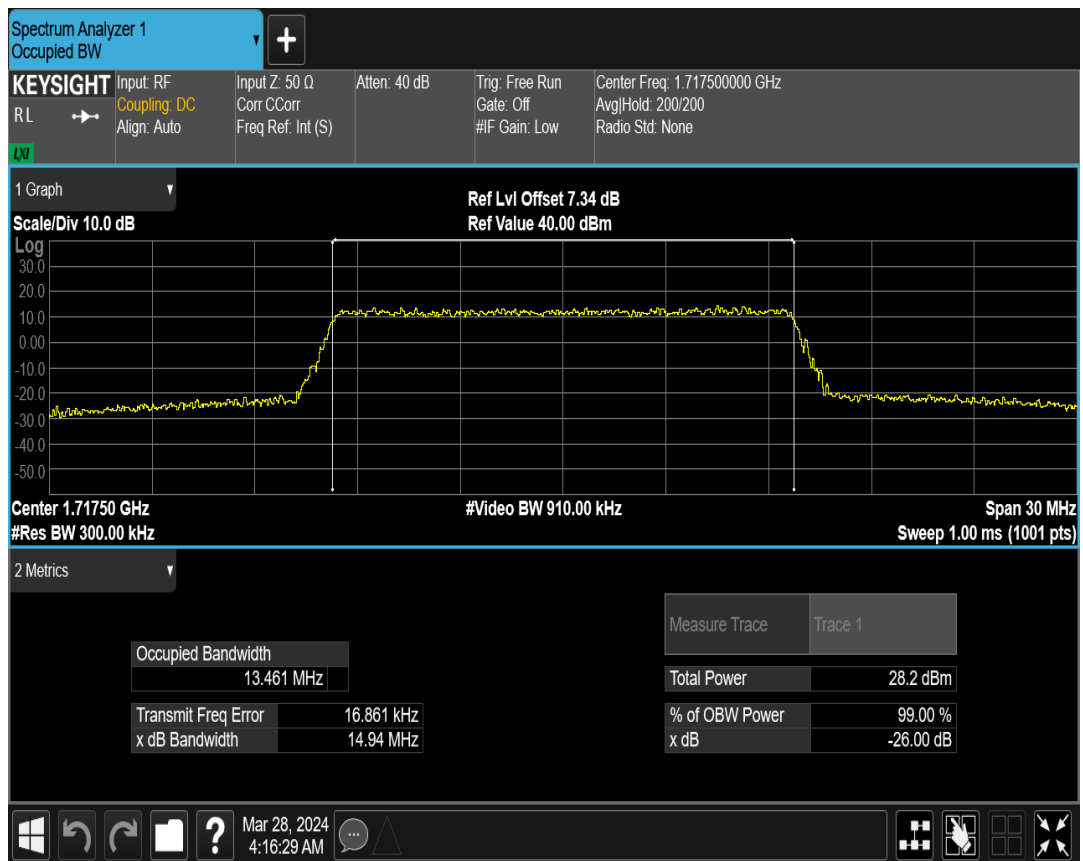
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



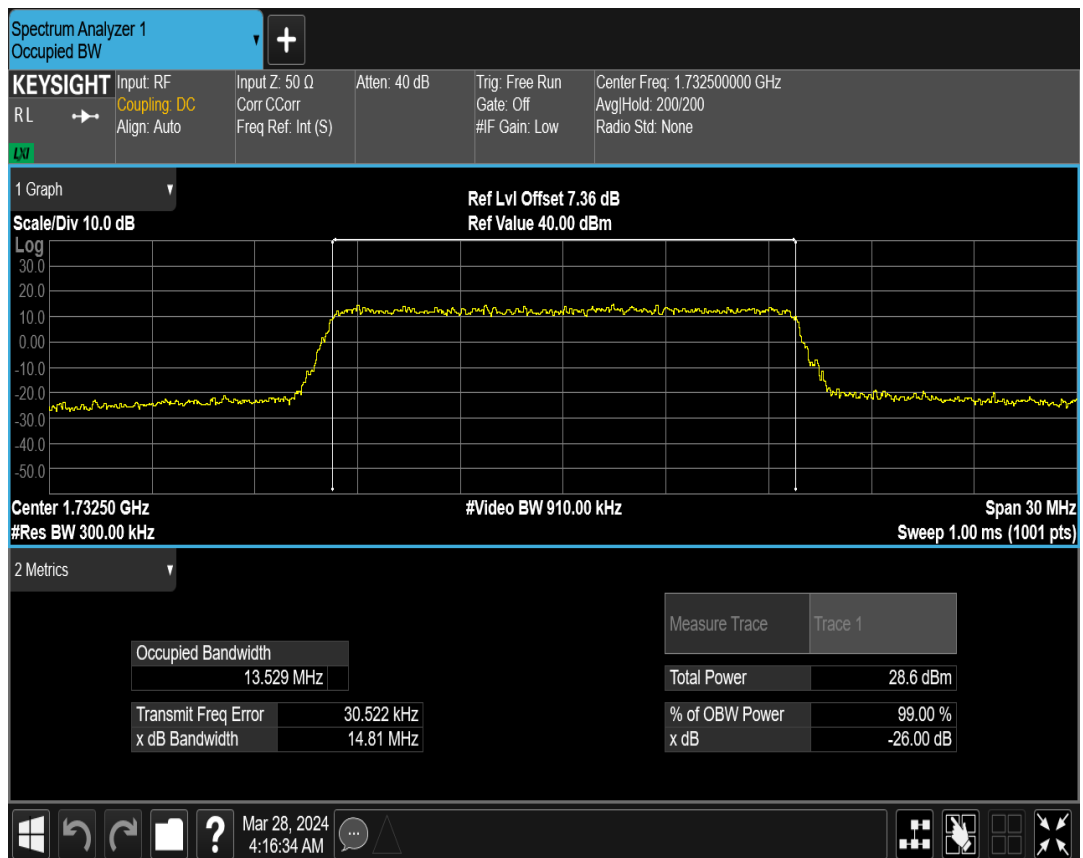
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



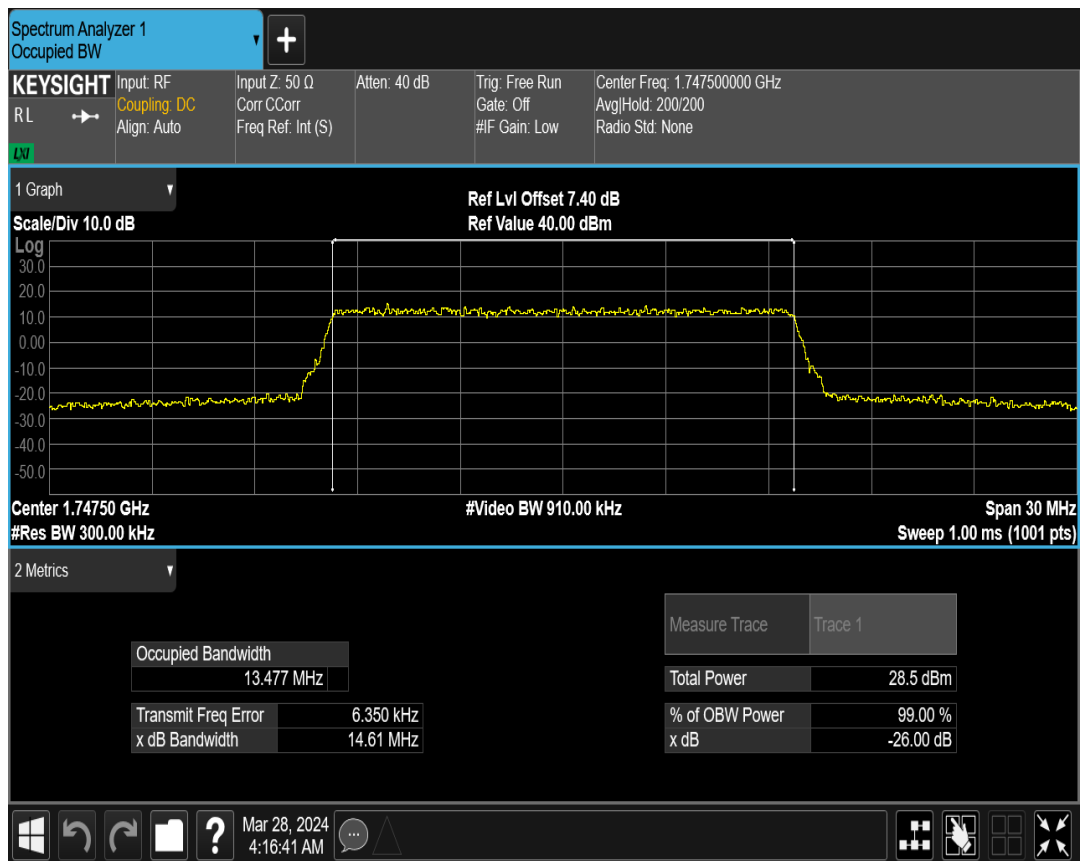
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



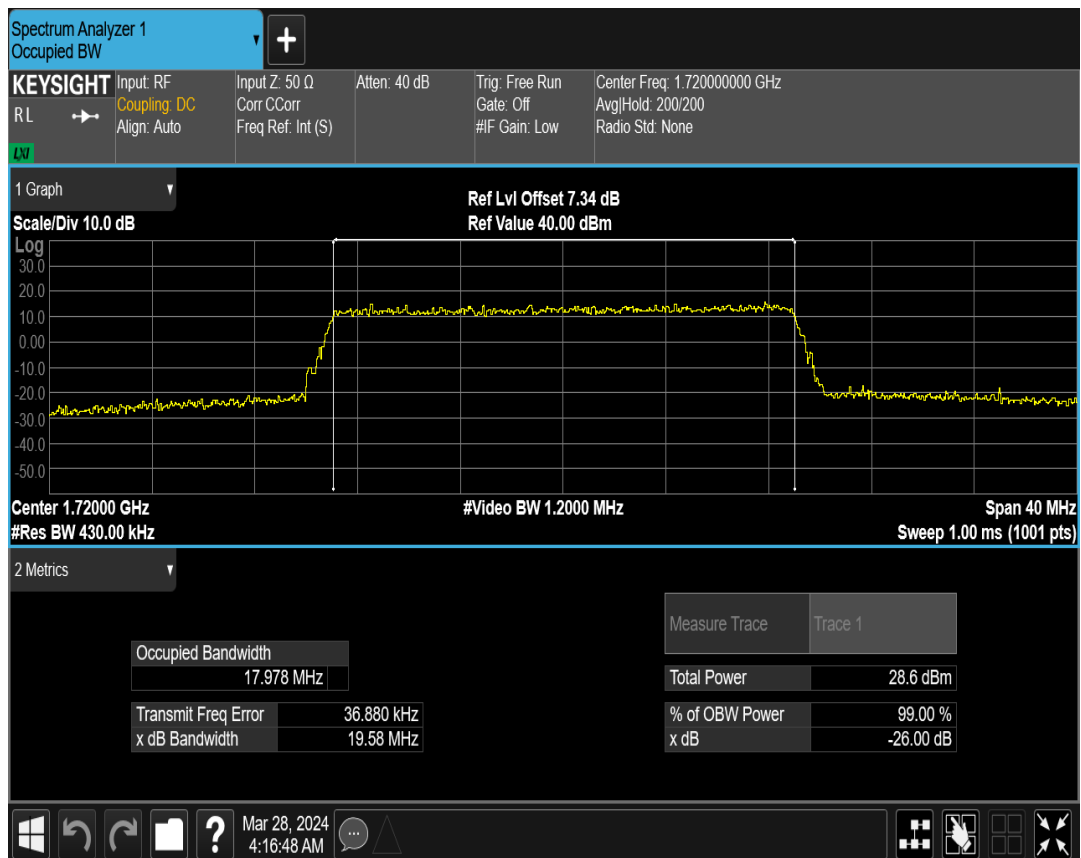
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



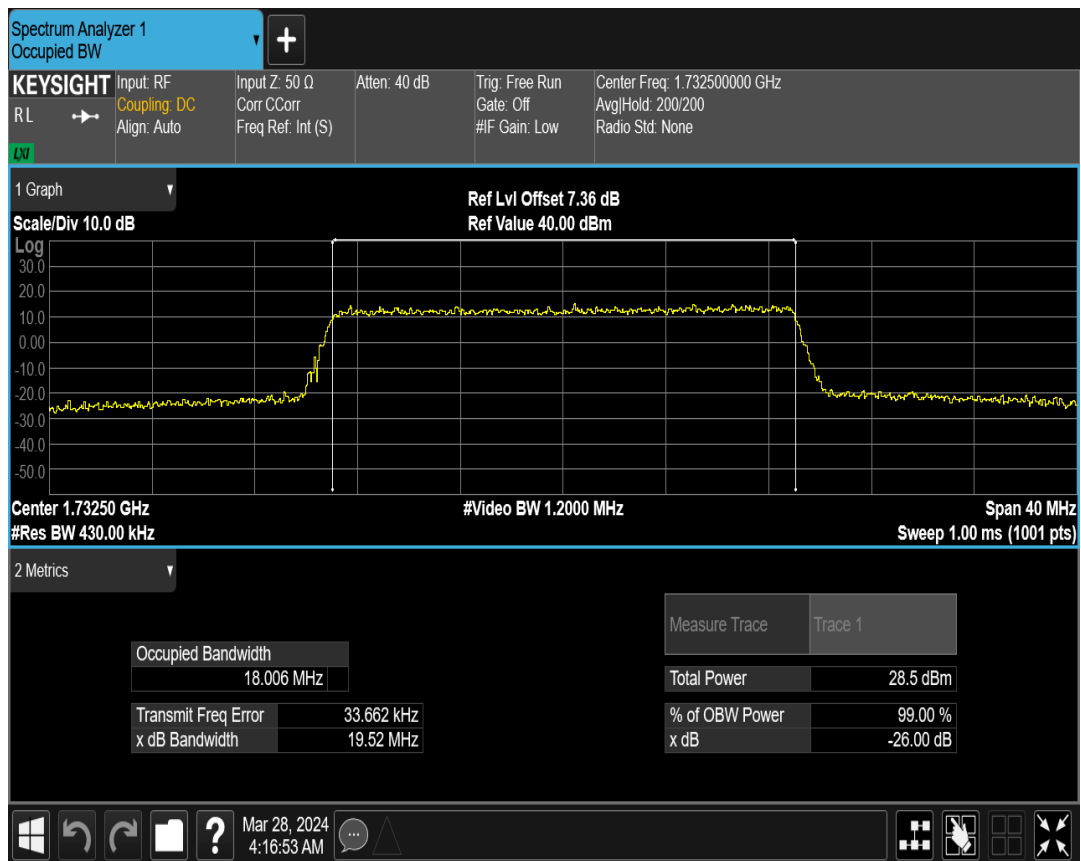
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



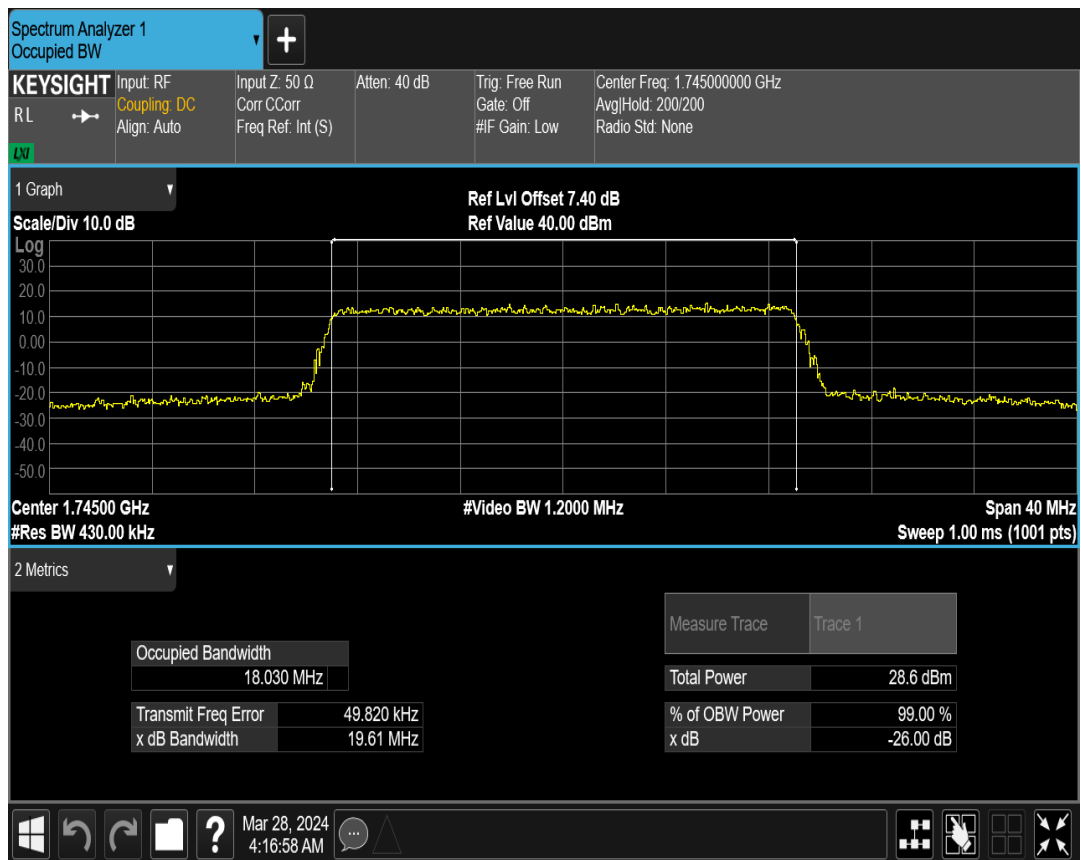
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



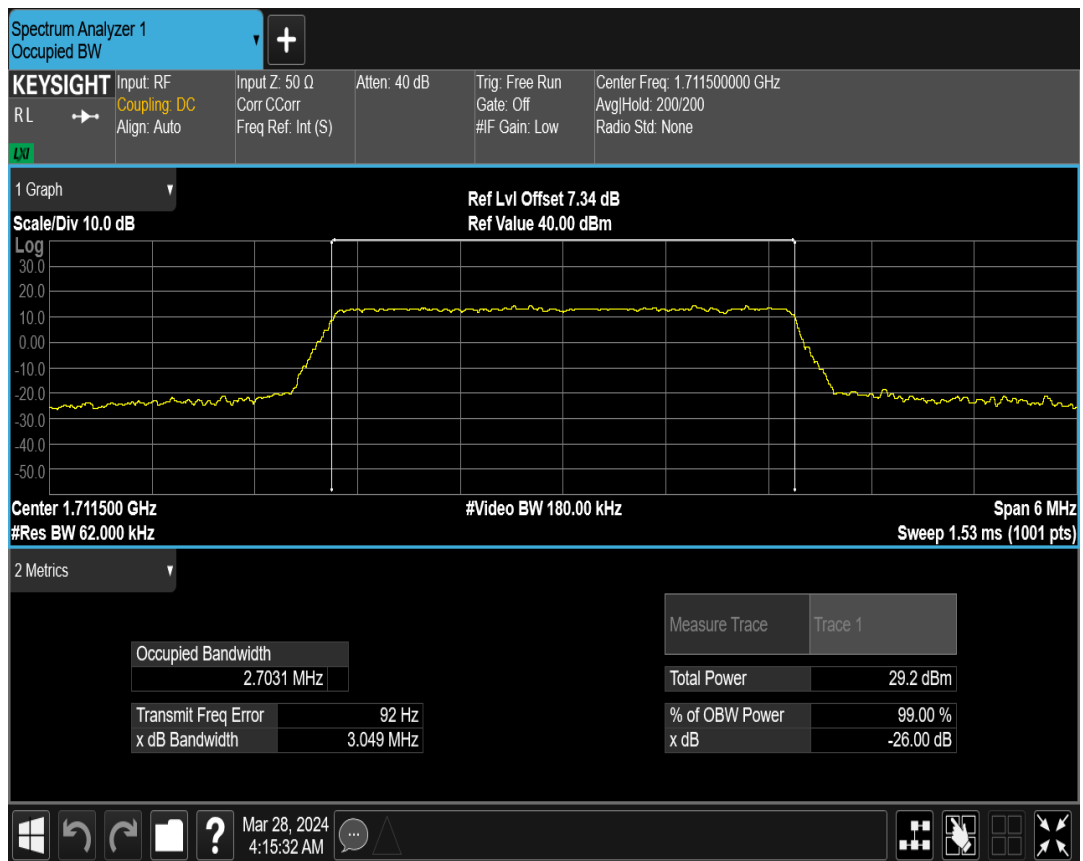
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



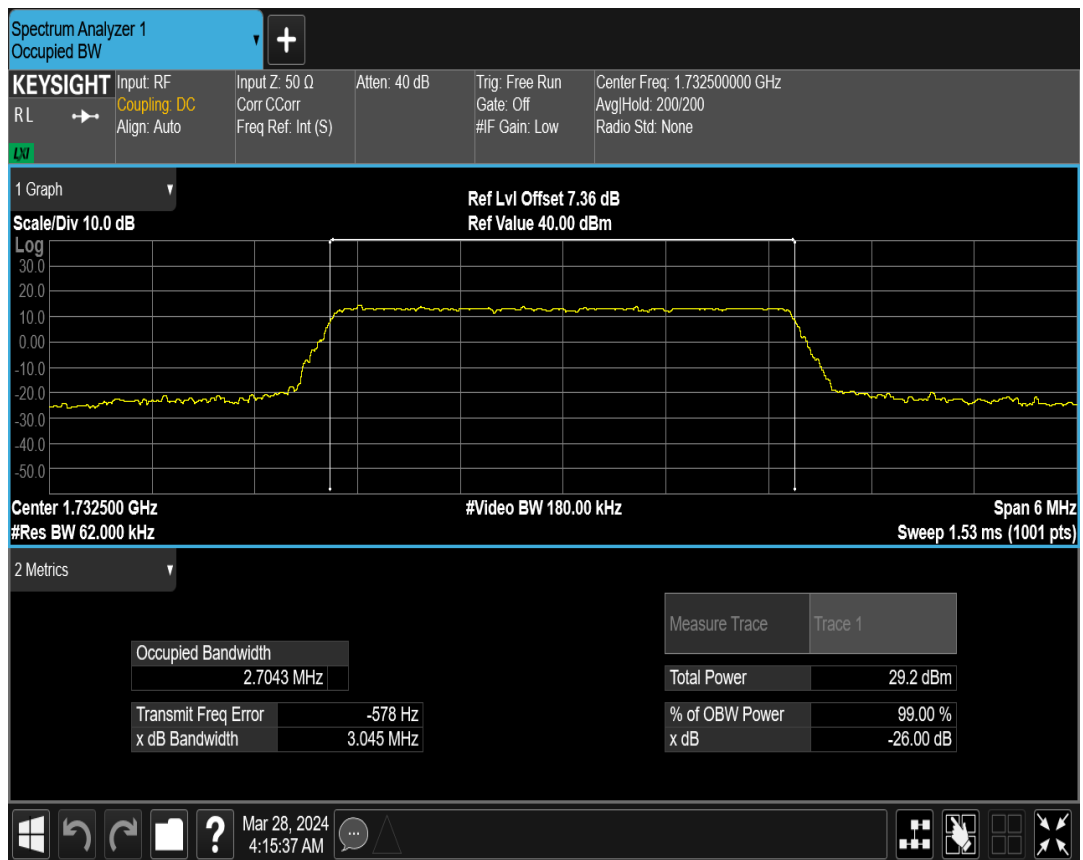
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



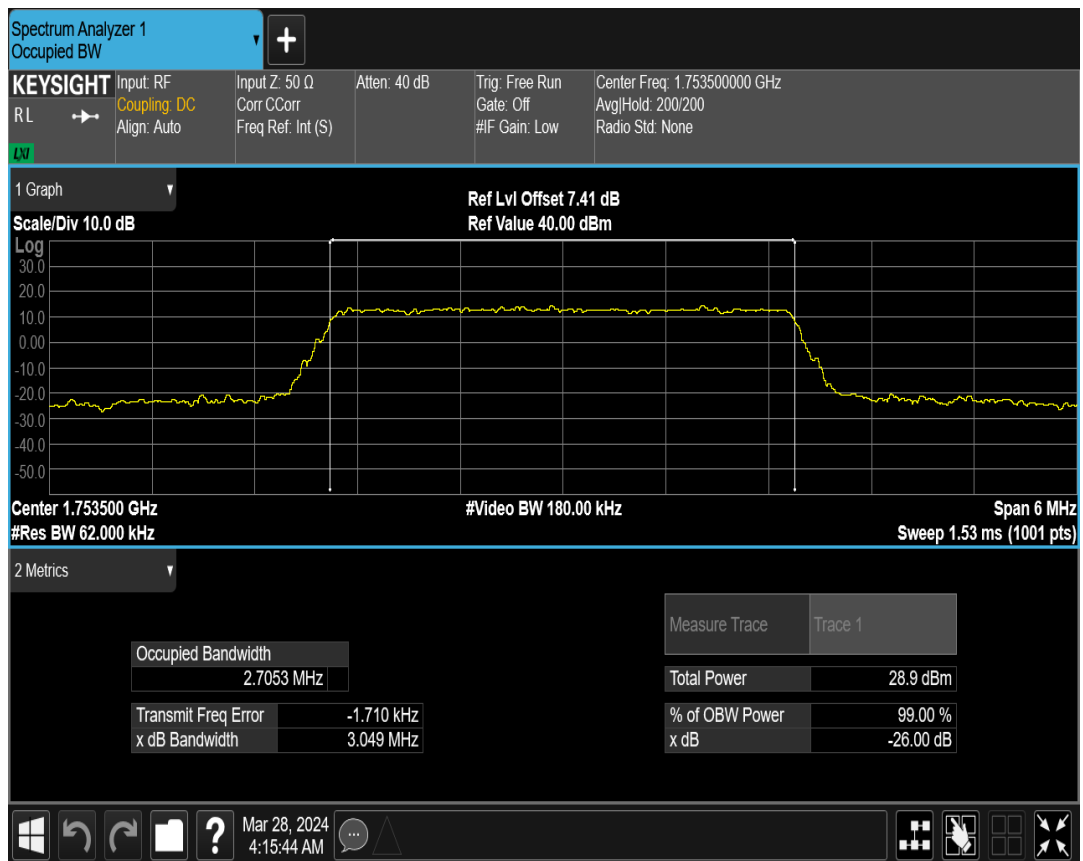
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



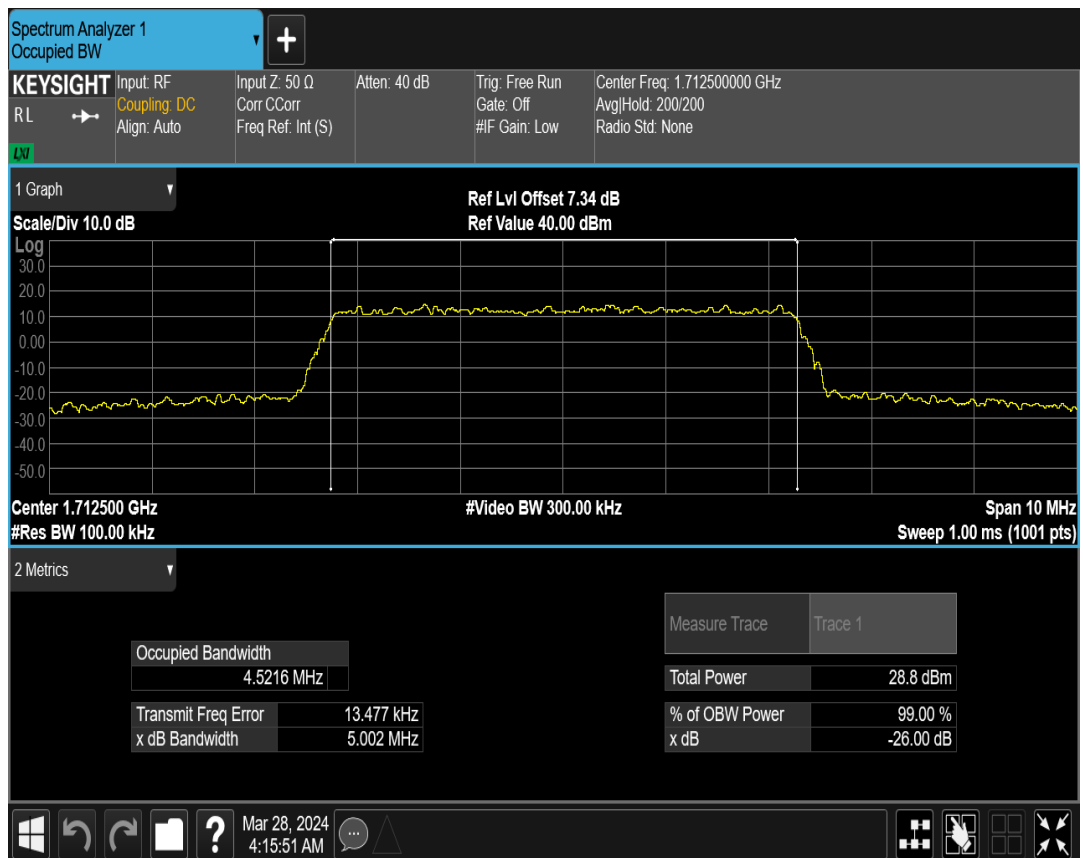
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



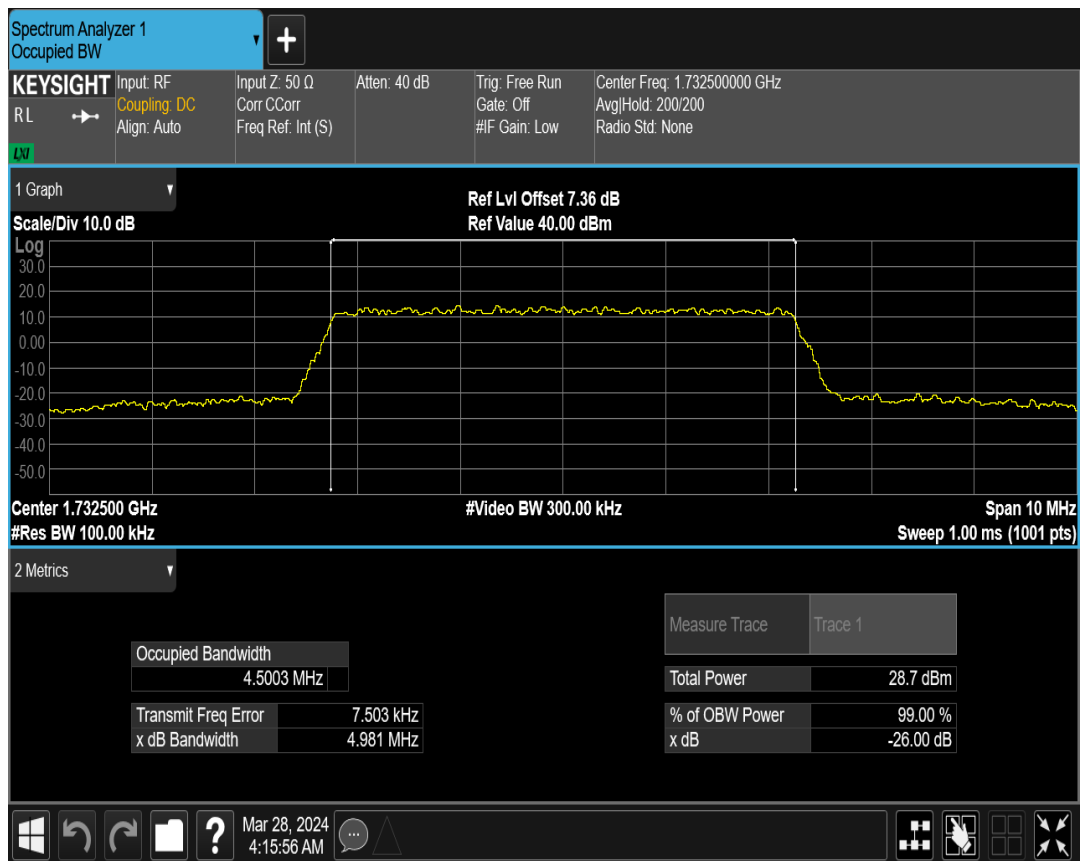
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



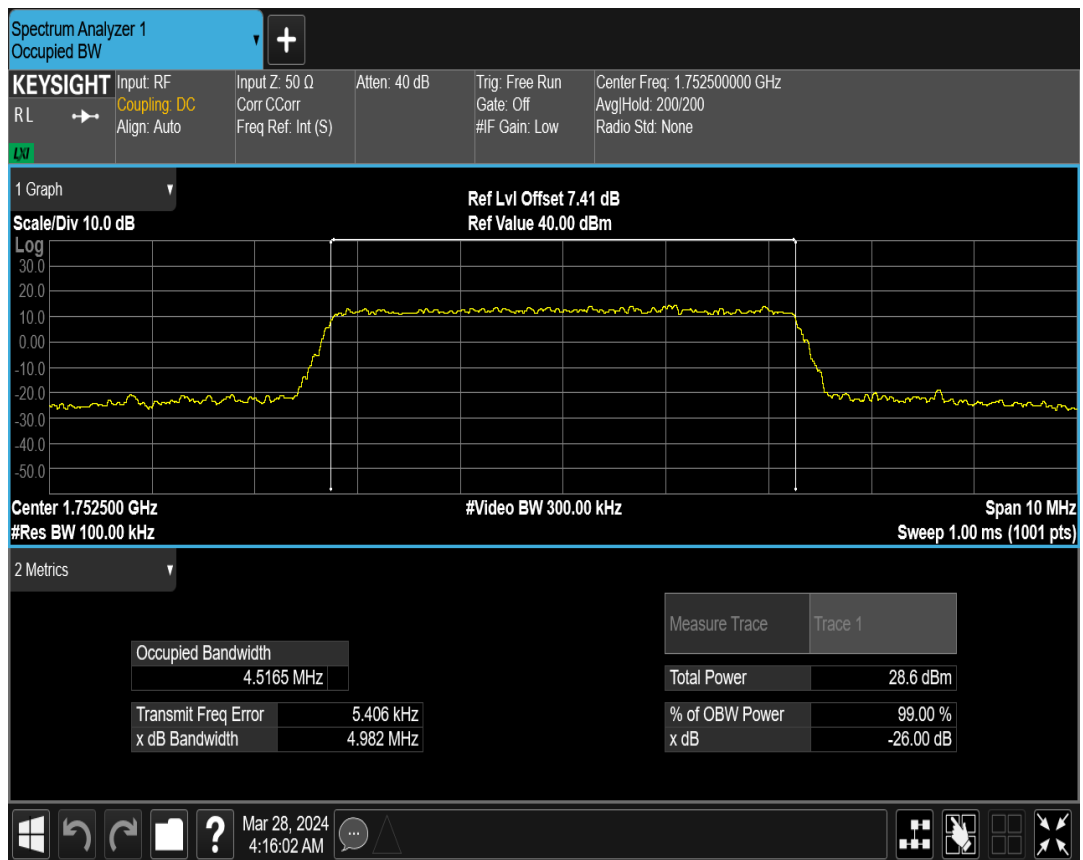
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



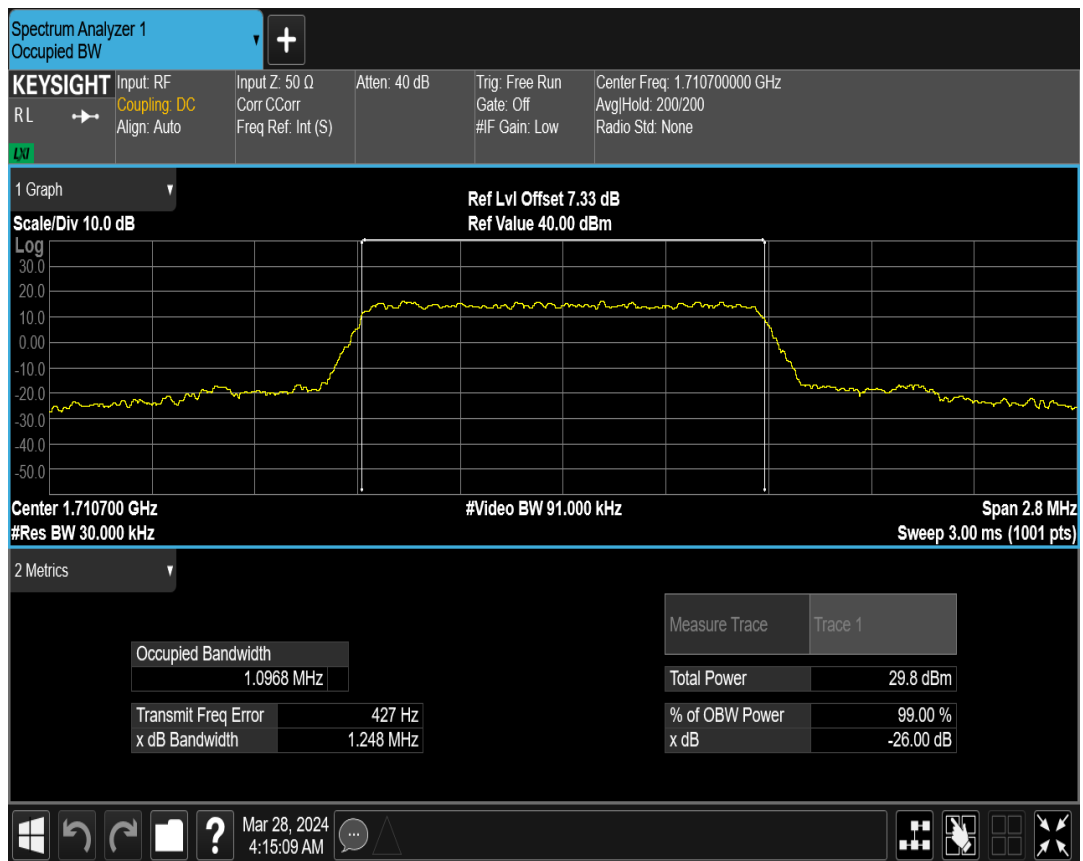
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



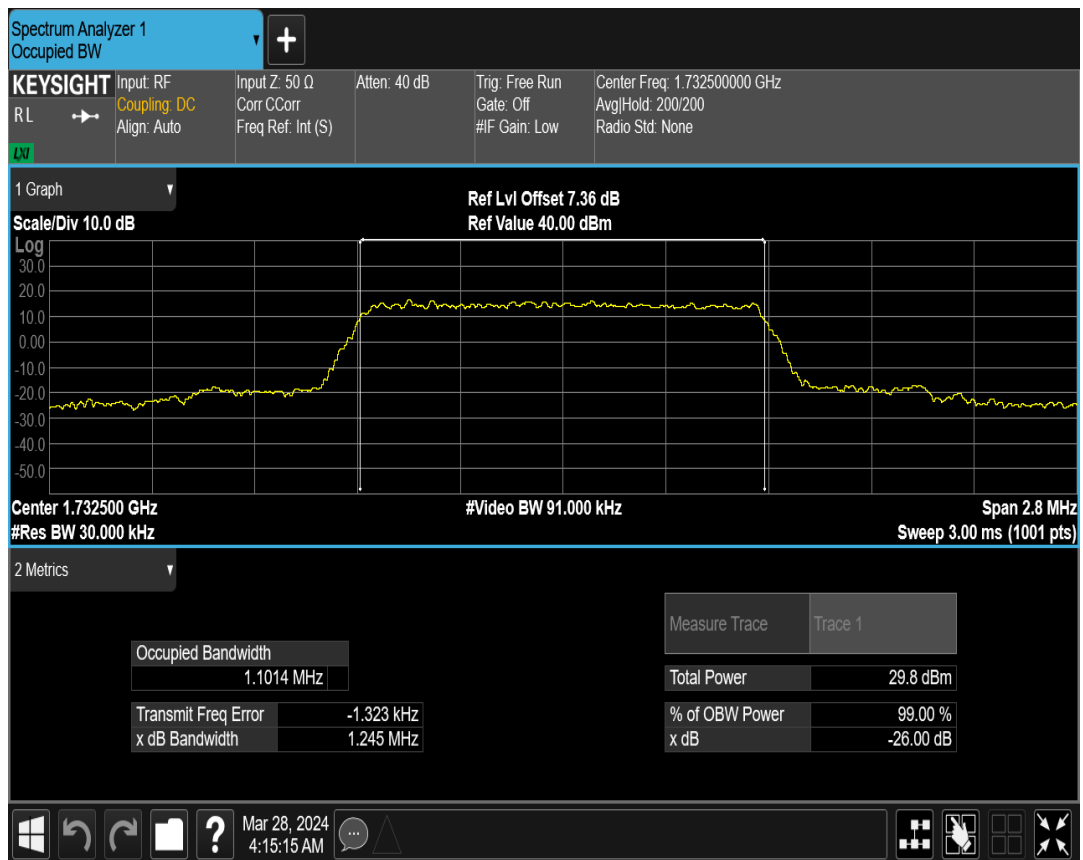
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



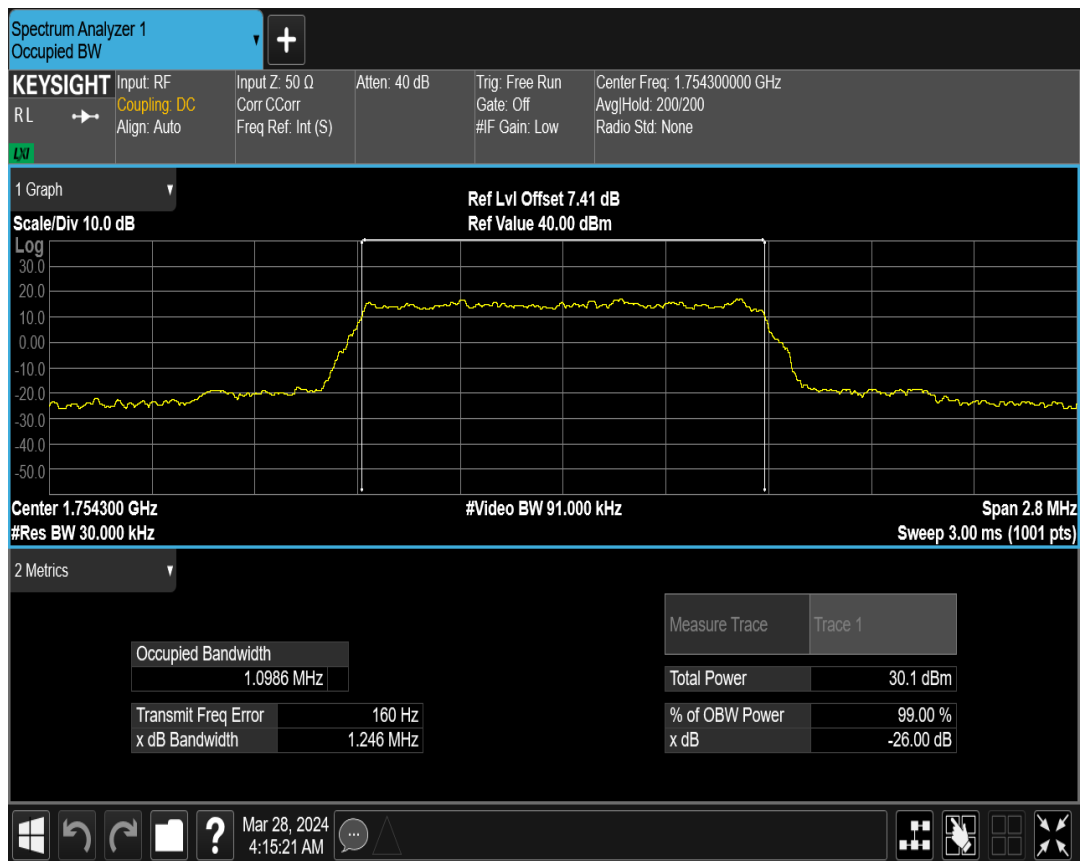
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



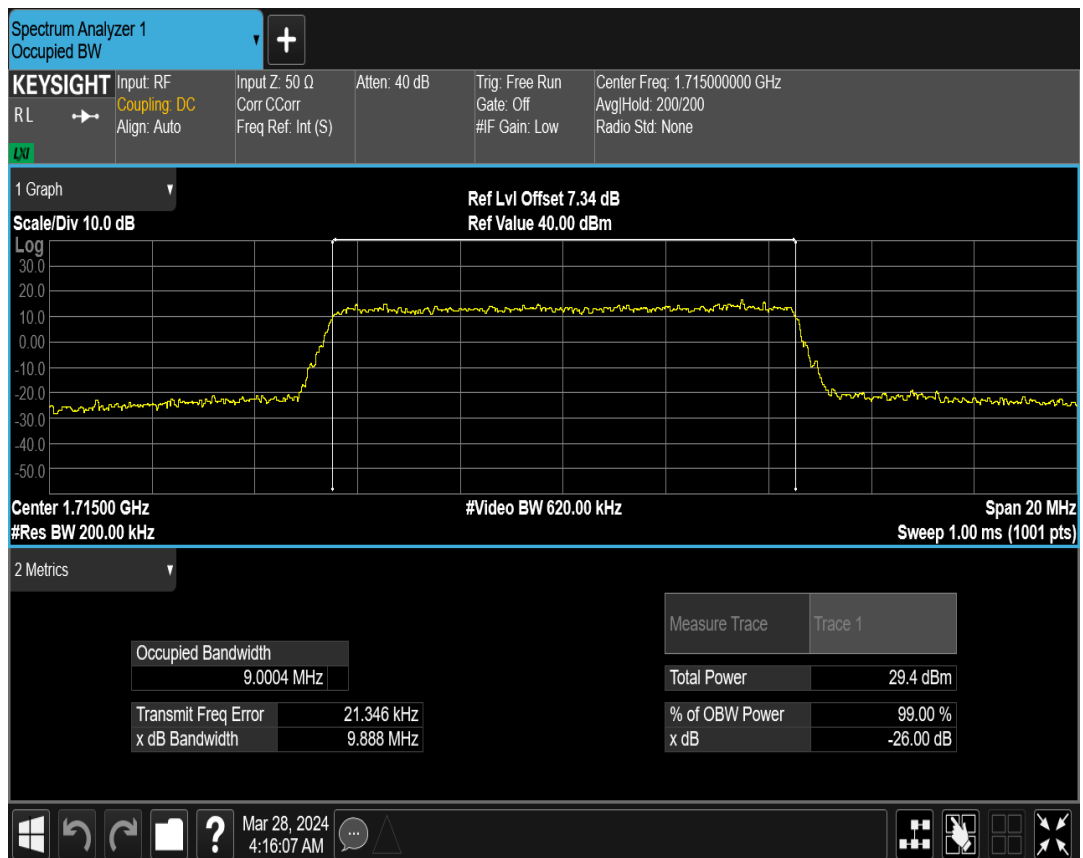
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



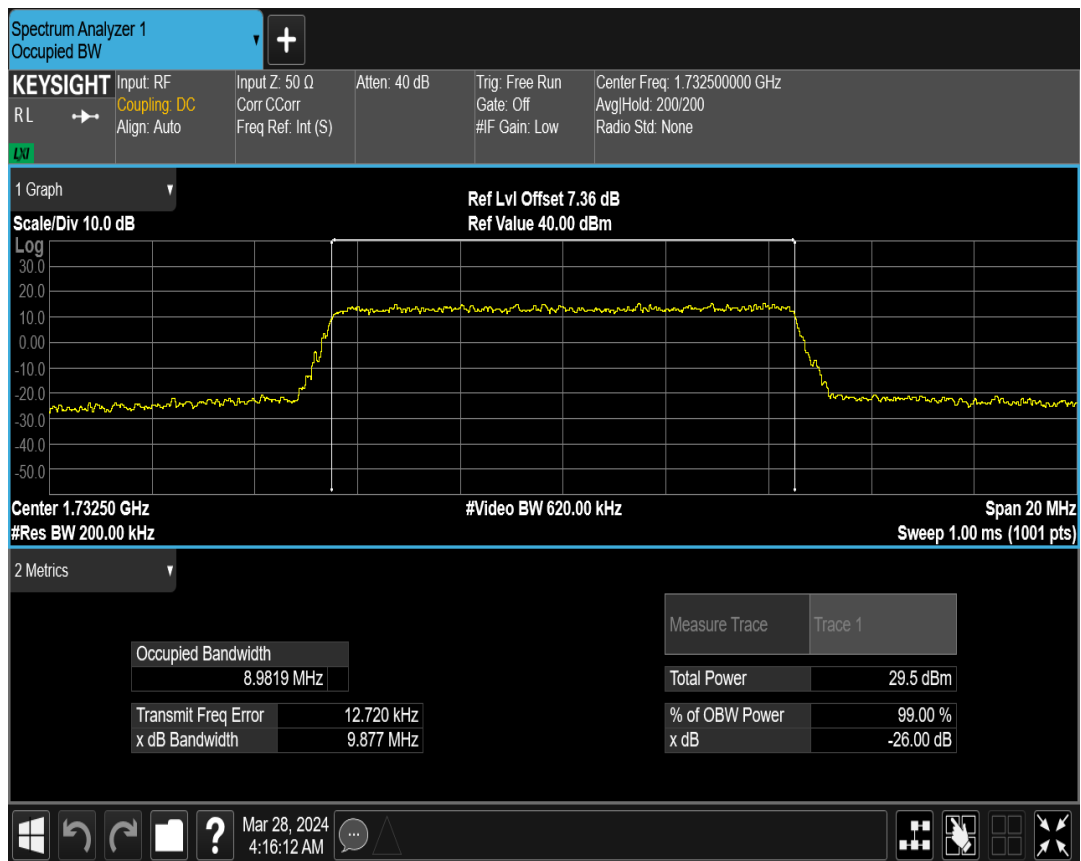
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



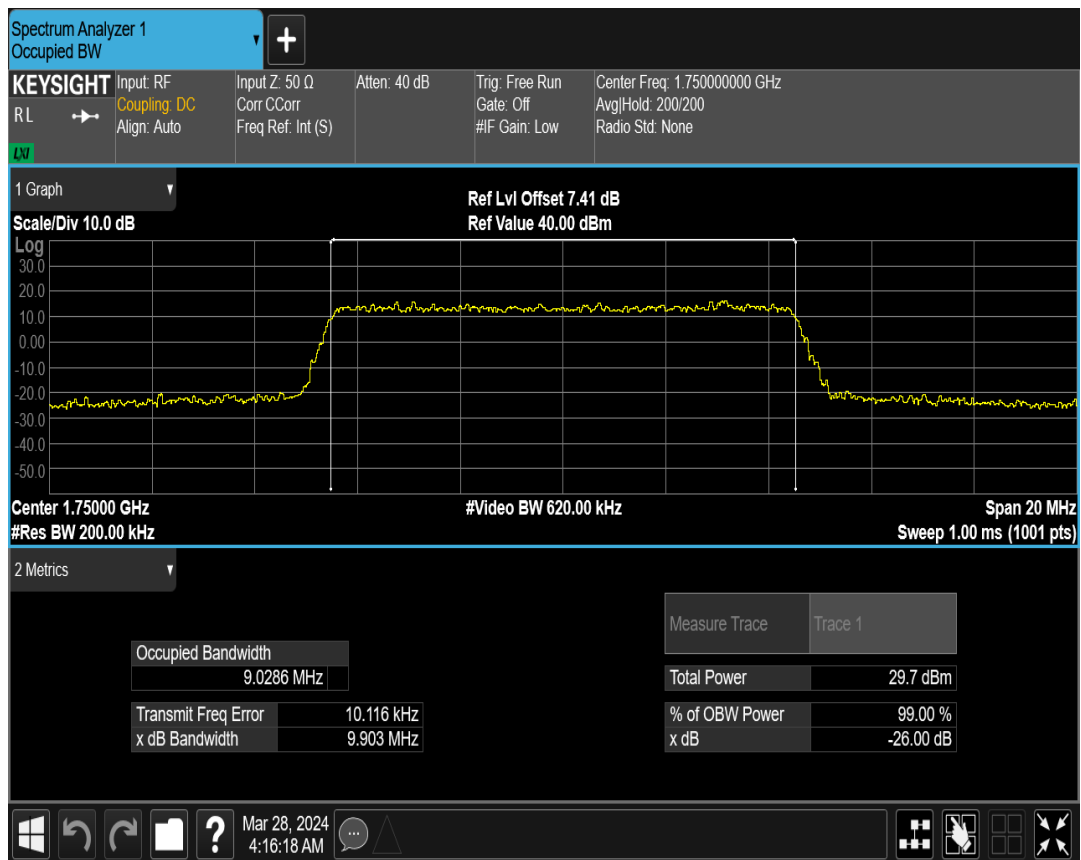
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



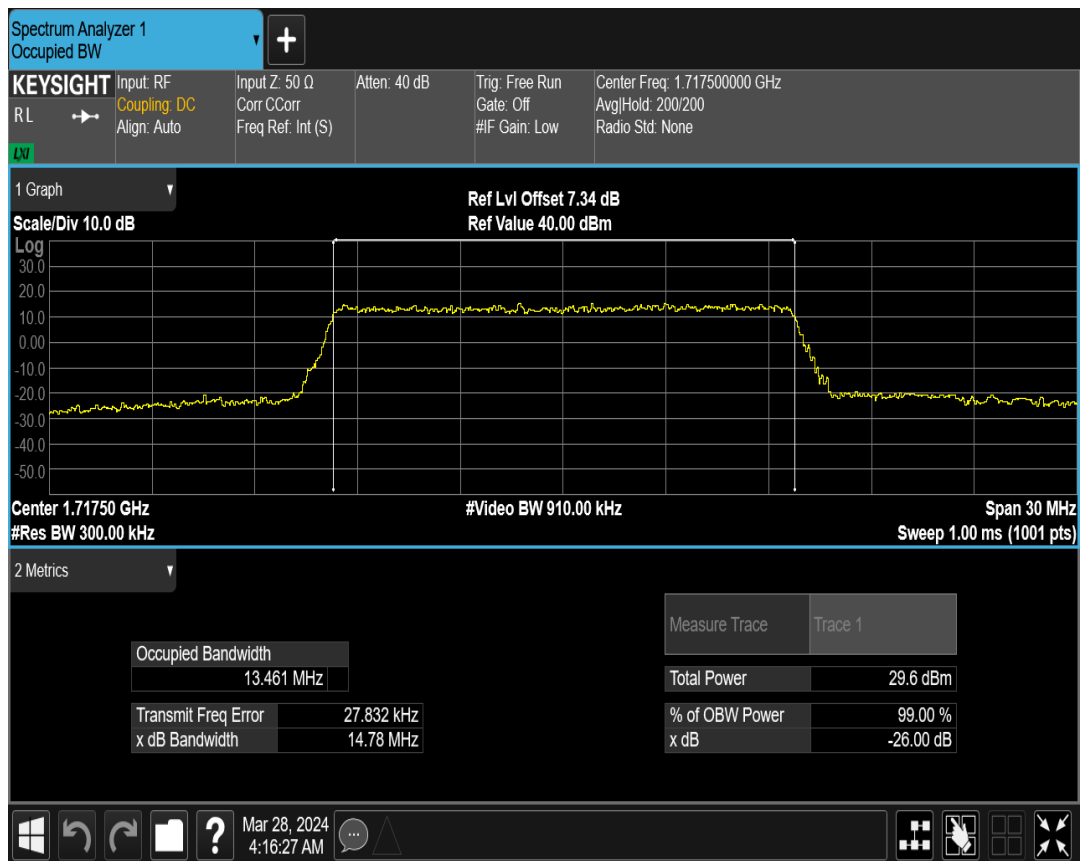
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



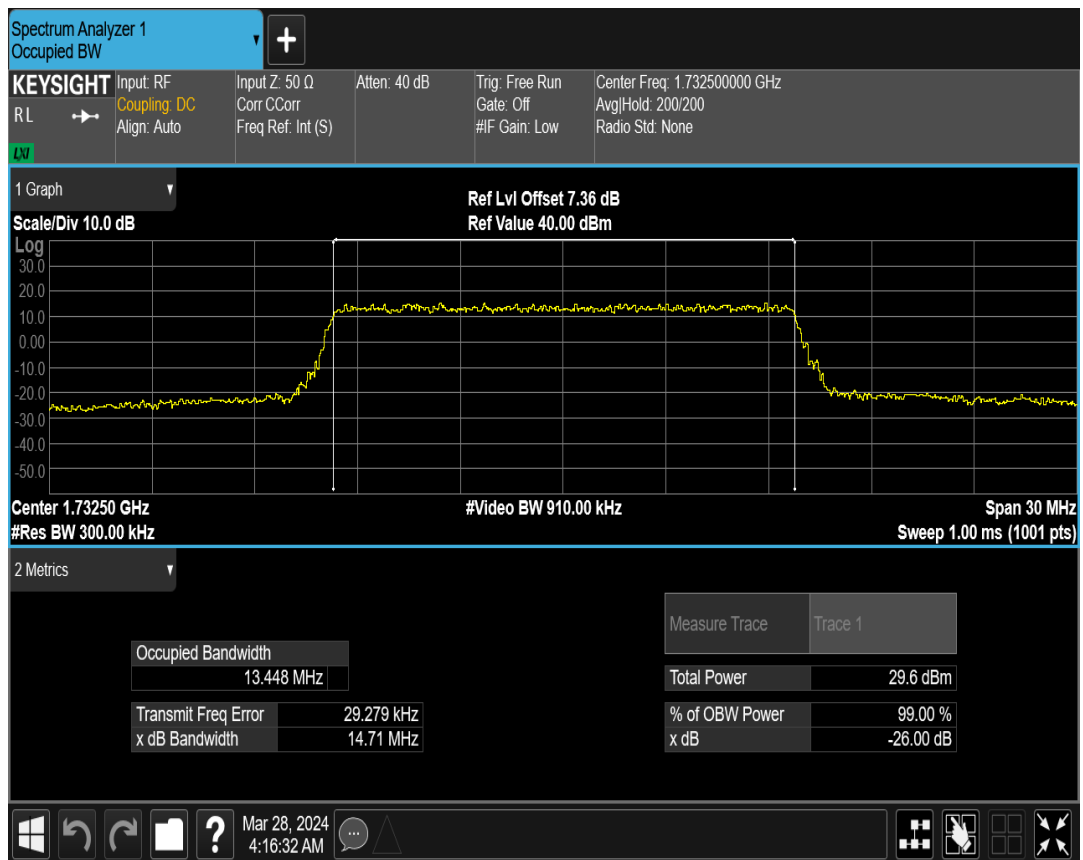
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



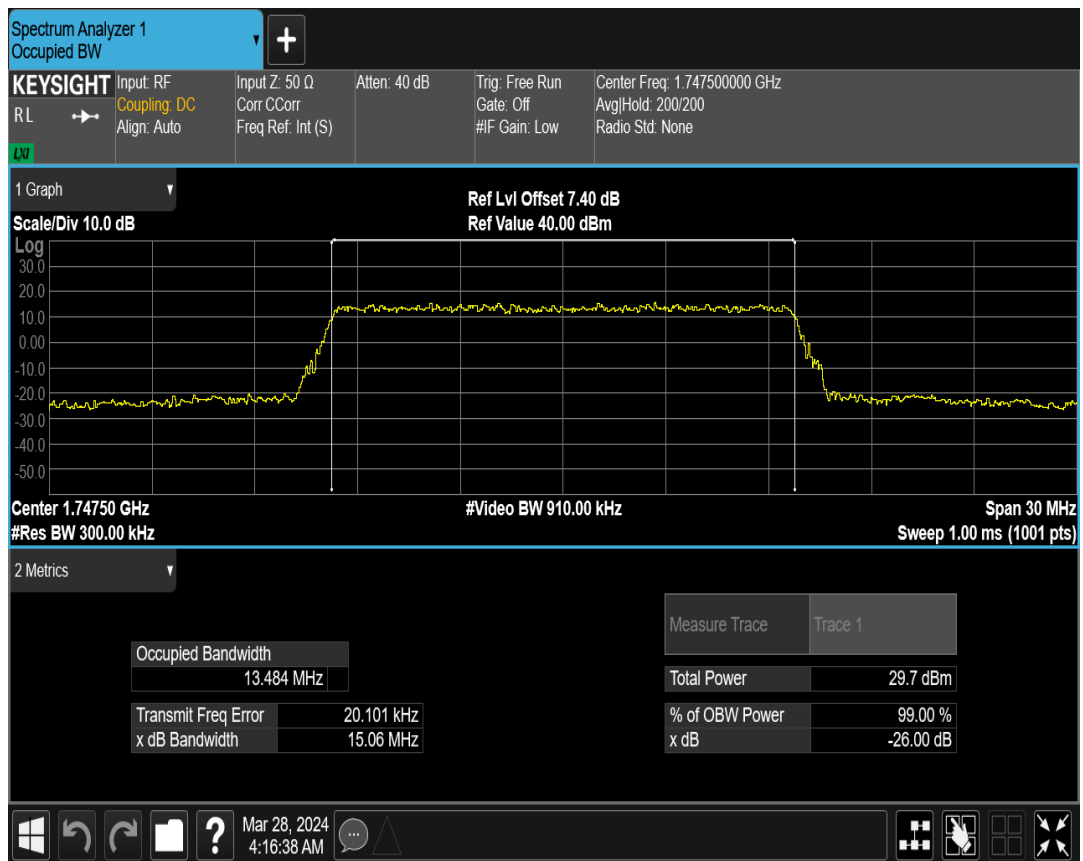
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



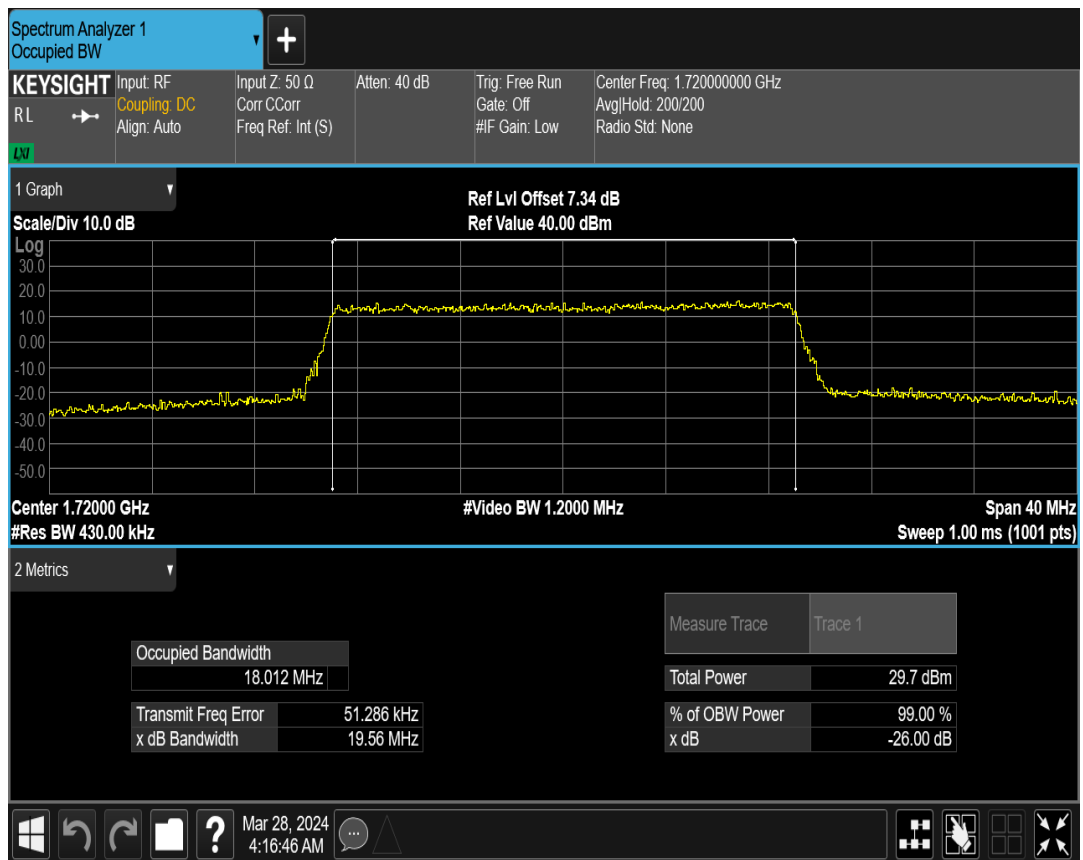
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



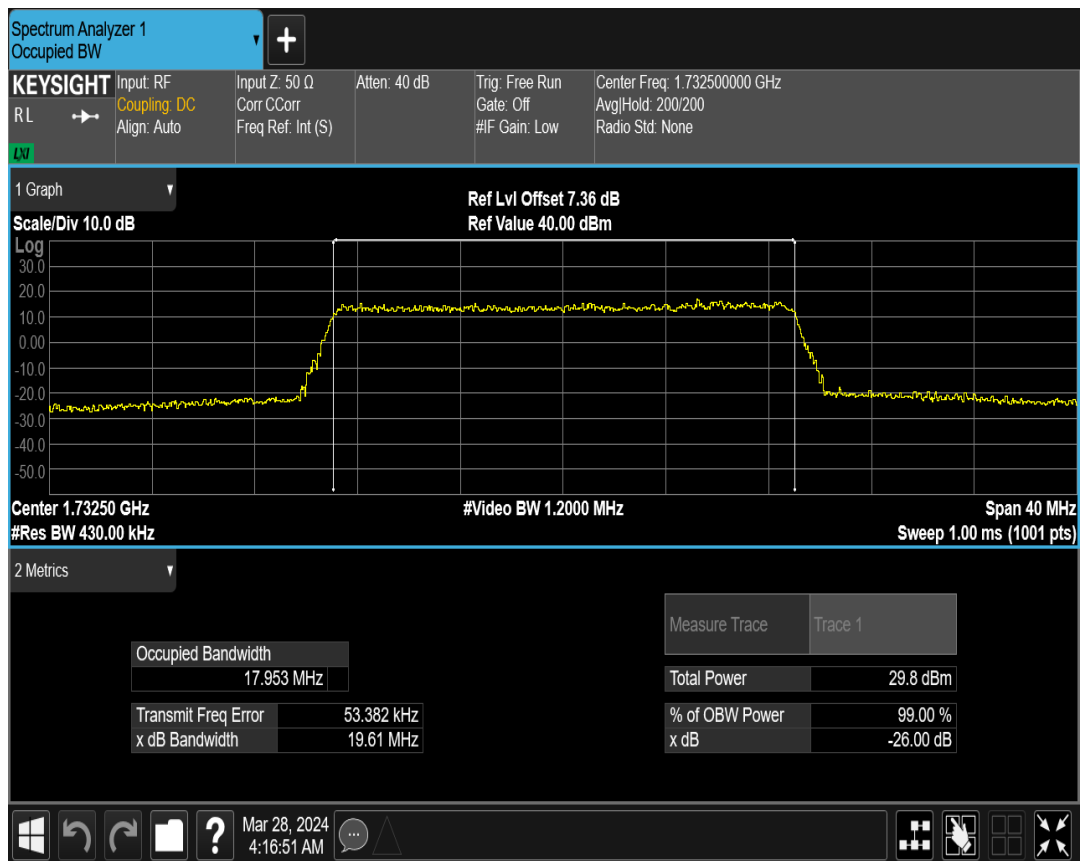
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



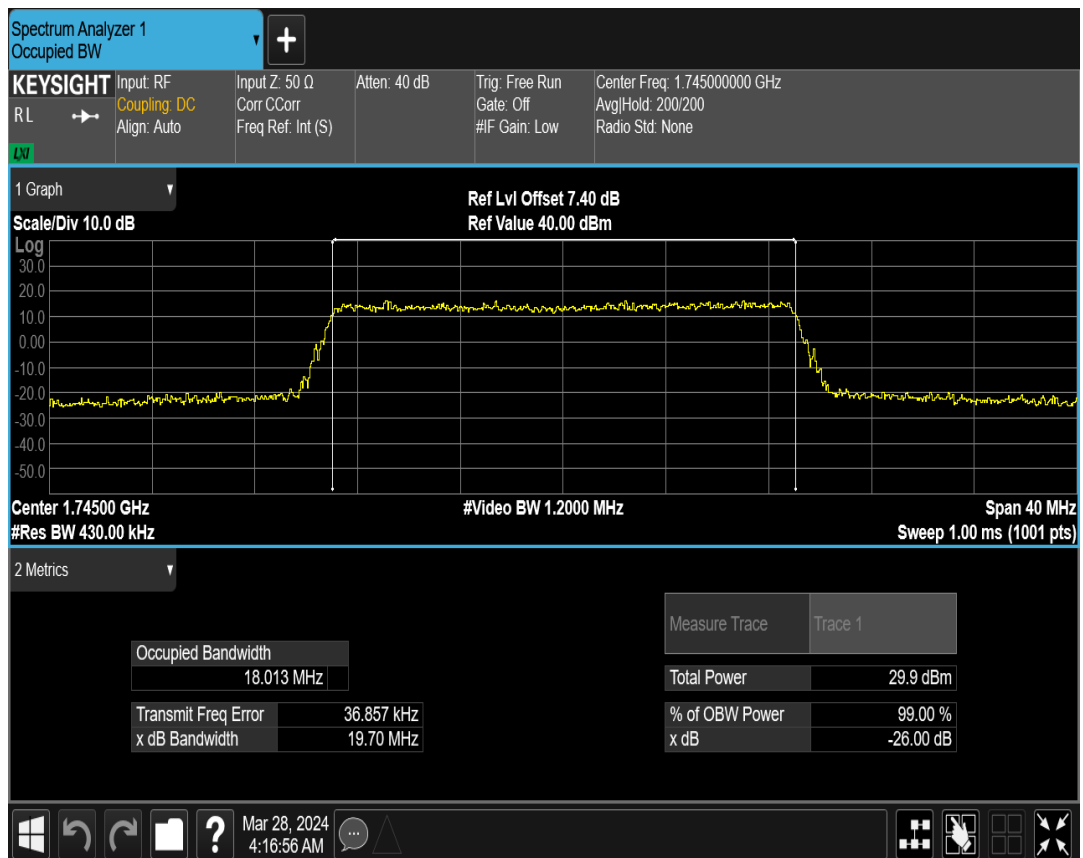
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



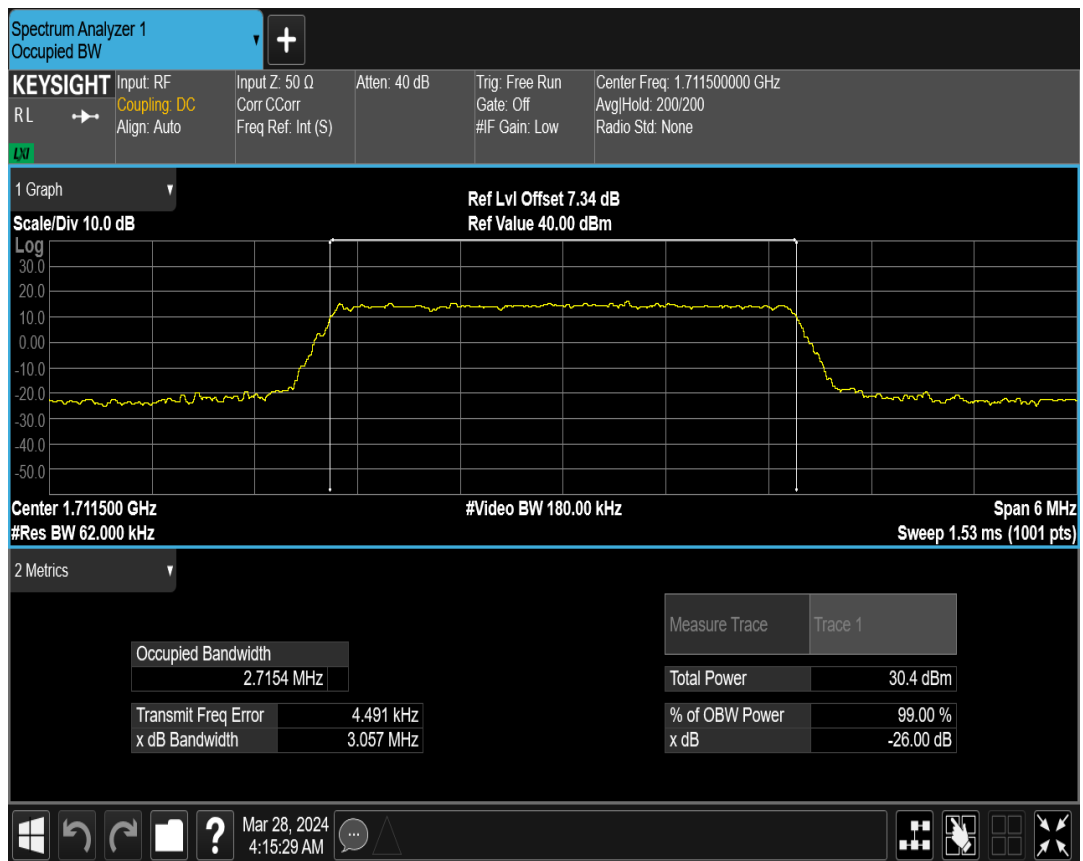
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



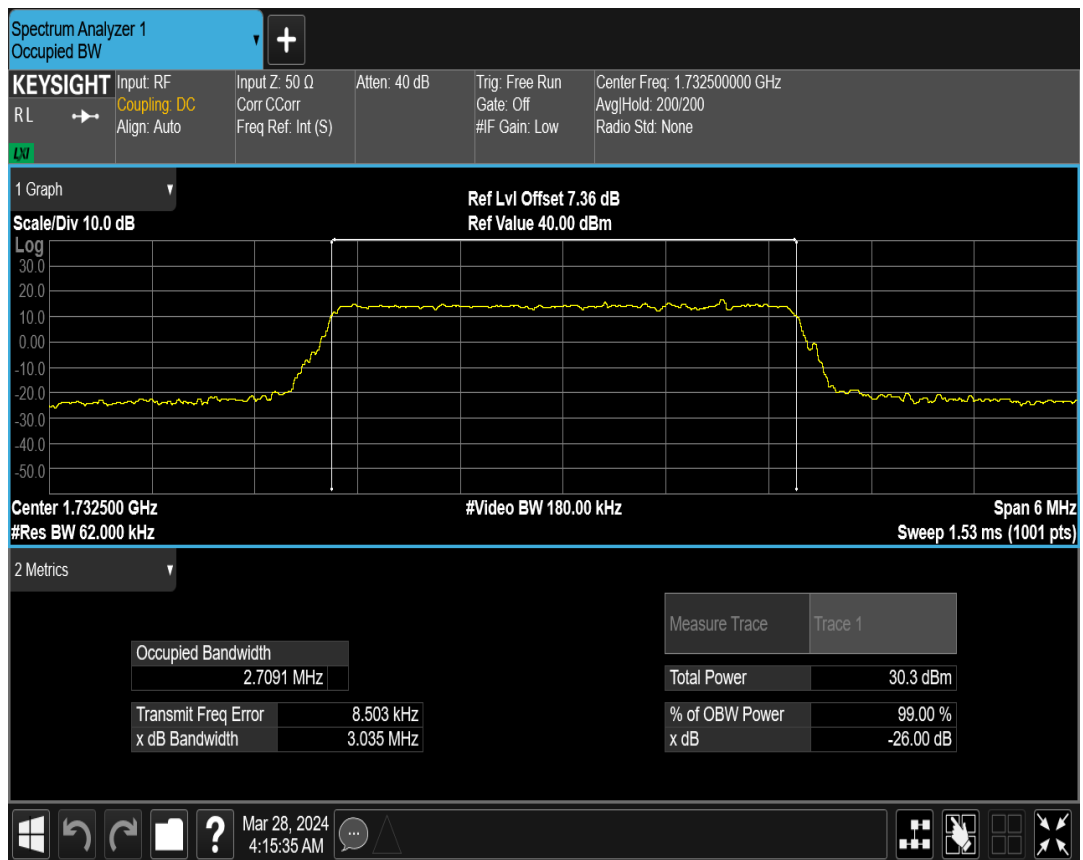
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



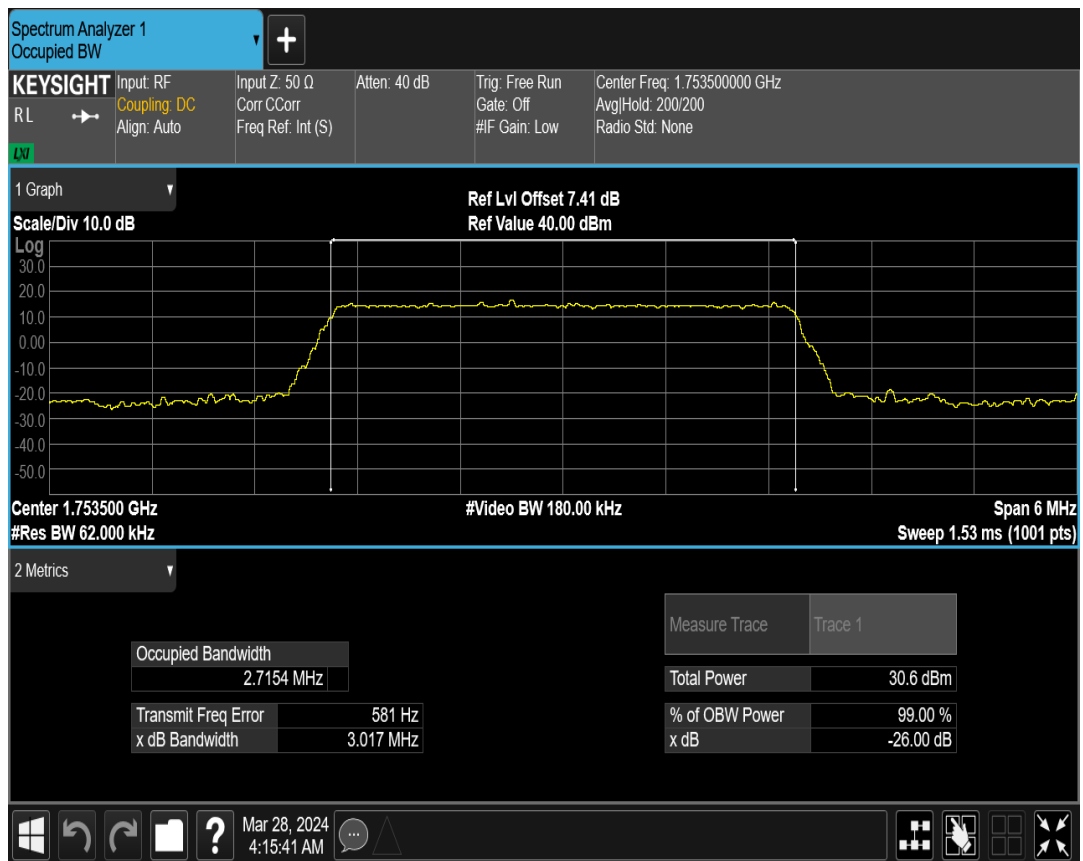
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



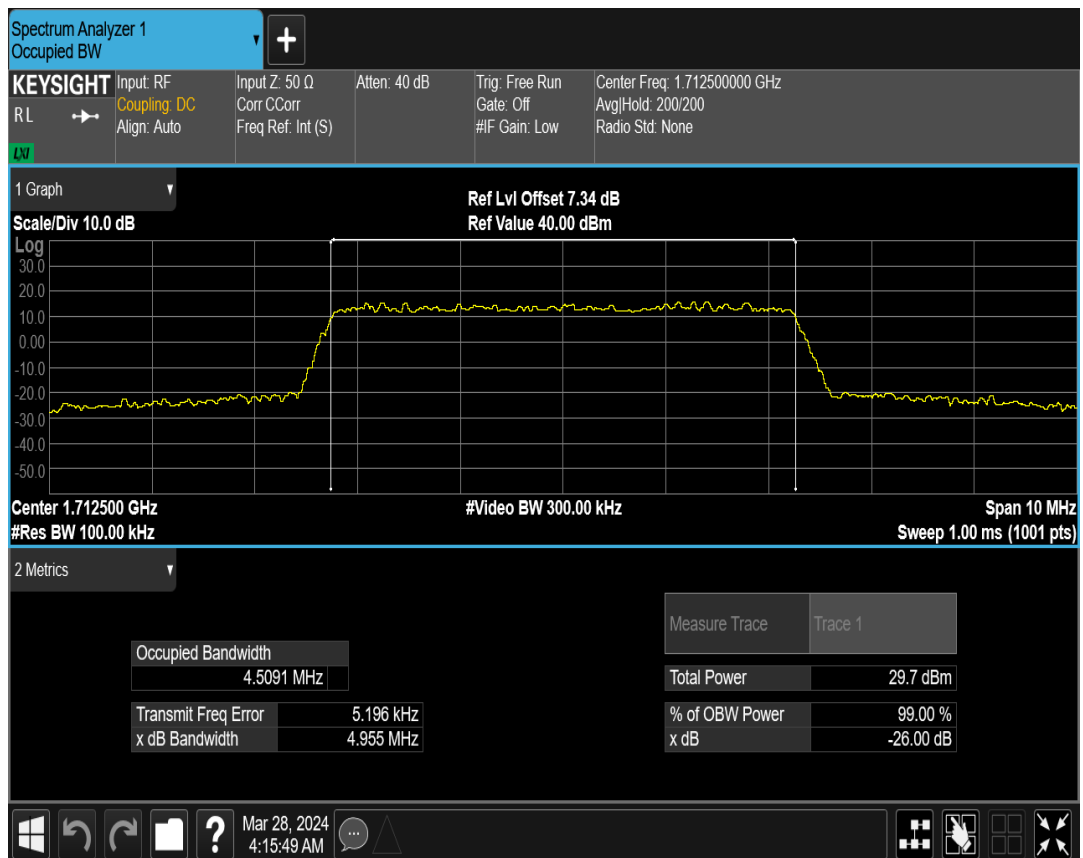
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



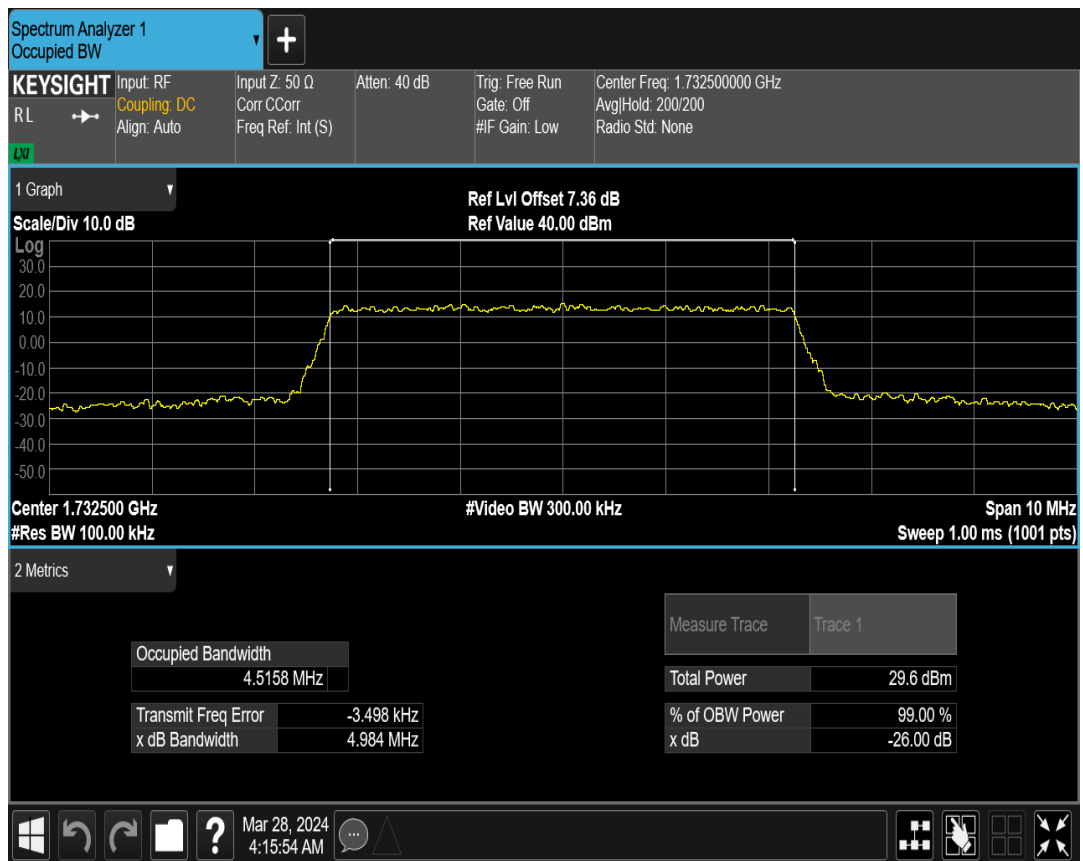
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



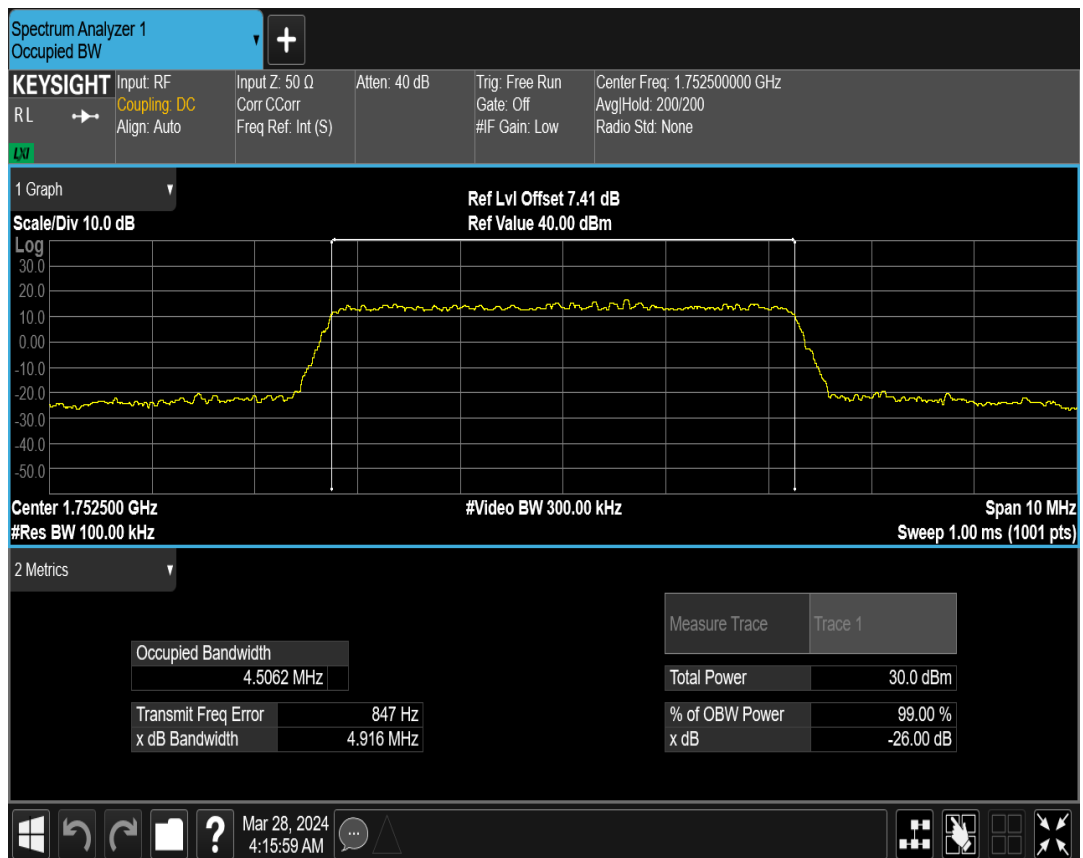
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



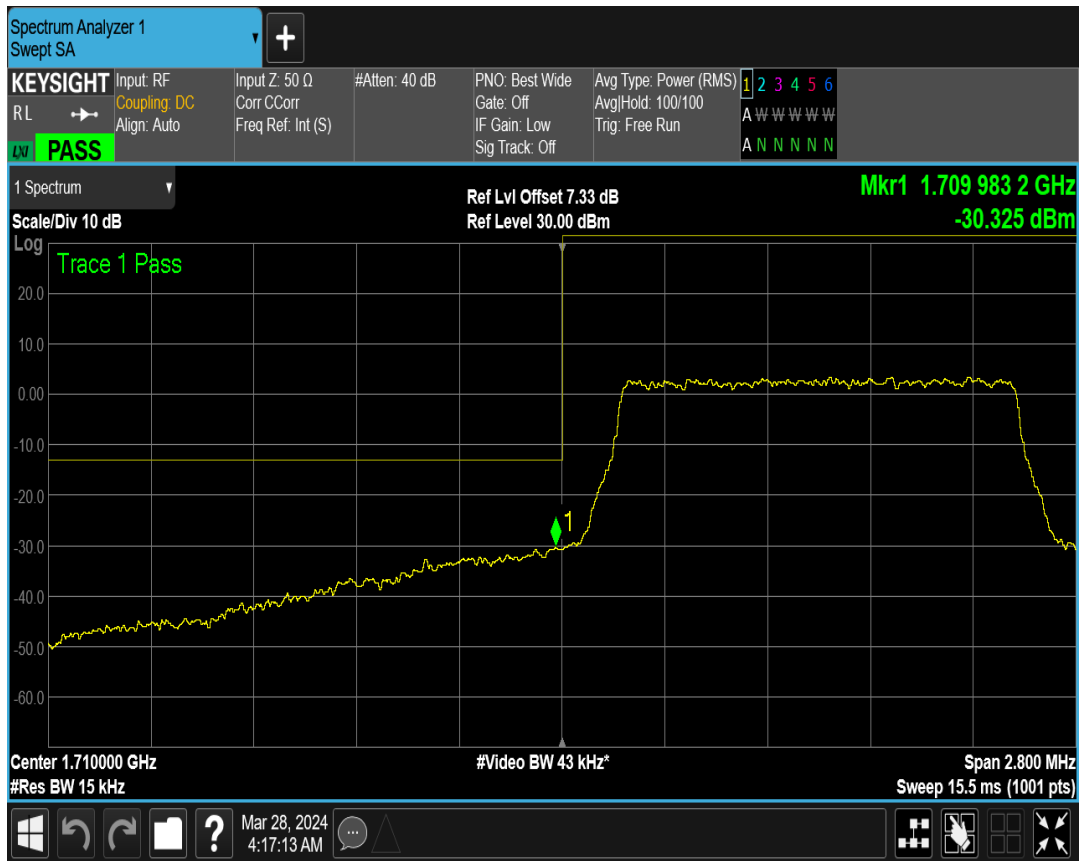
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



4 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	1709.98	-28.76	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1709.98	-30.32	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.03	-30.01	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.00	-30.46	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-25.02	-13	PASS
Band4	3	19965	15	#0	16QAM	1710.00	-25.90	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-26.51	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.00	-25.35	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-29.47	-13	PASS
Band4	5	19975	25	#0	16QAM	1710.00	-30.56	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.02	-29.69	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.00	-30.34	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-32.14	-13	PASS
Band4	10	20000	50	#0	16QAM	1709.98	-32.42	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-30.87	-13	PASS
Band4	10	20350	50	#0	16QAM	1755.00	-31.02	-13	PASS
Band4	15	20025	75	#0	QPSK	1707.30	-32.21	-13	PASS
Band4	15	20025	75	#0	16QAM	1709.73	-32.52	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.06	-31.01	-13	PASS
Band4	15	20325	75	#0	16QAM	1755.06	-30.90	-13	PASS
Band4	20	20050	100	#0	QPSK	1710.00	-31.40	-13	PASS
Band4	20	20050	100	#0	16QAM	1710.00	-32.87	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.00	-31.29	-13	PASS
Band4	20	20300	100	#0	16QAM	1755.04	-31.10	-13	PASS

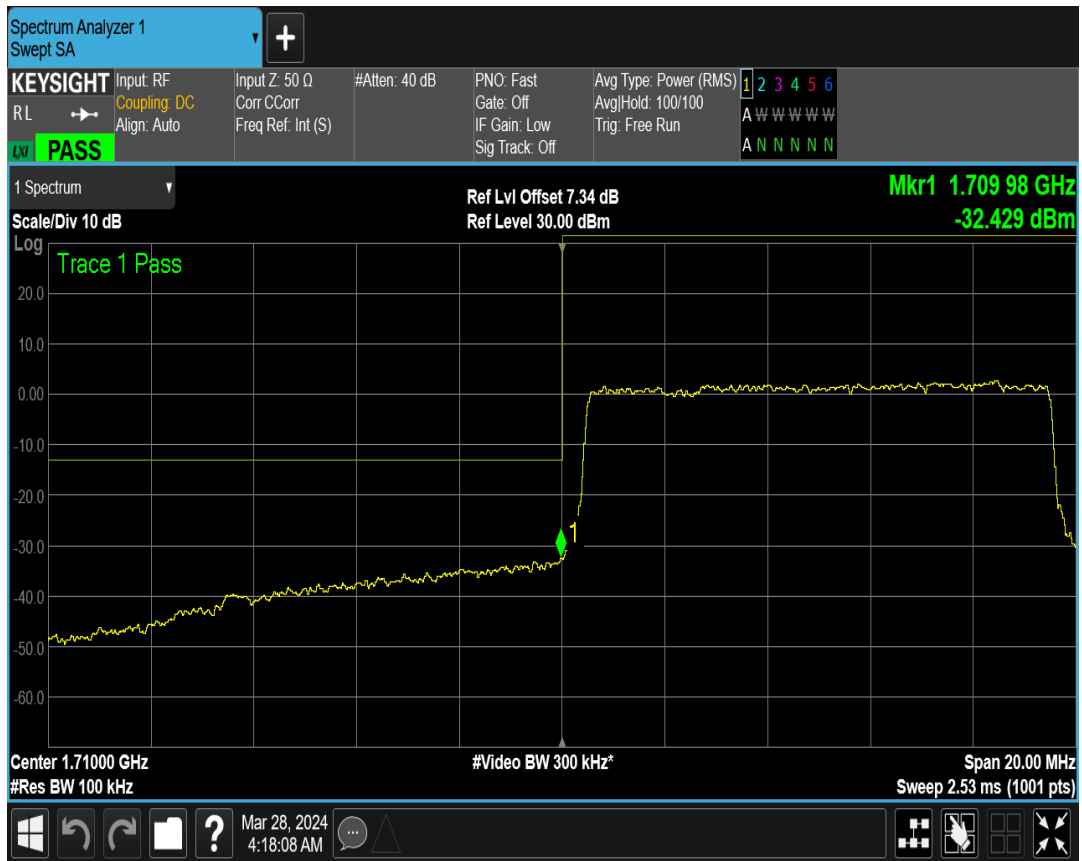
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



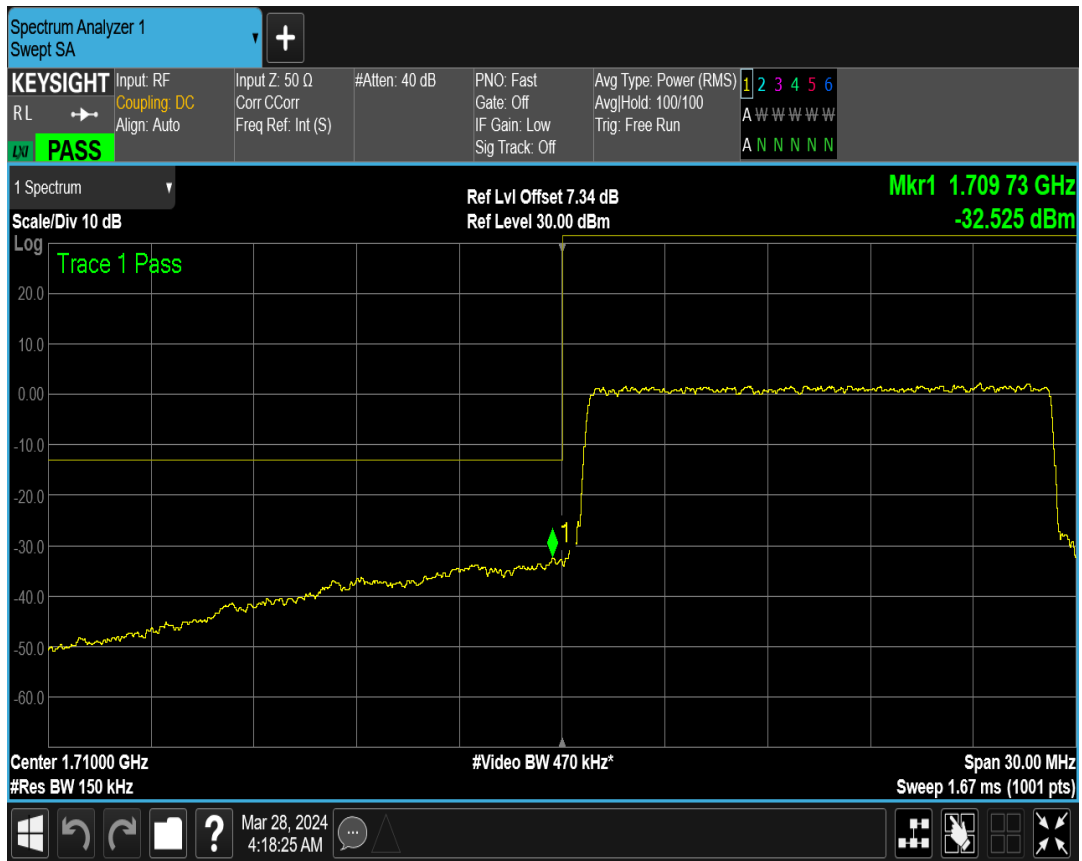
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



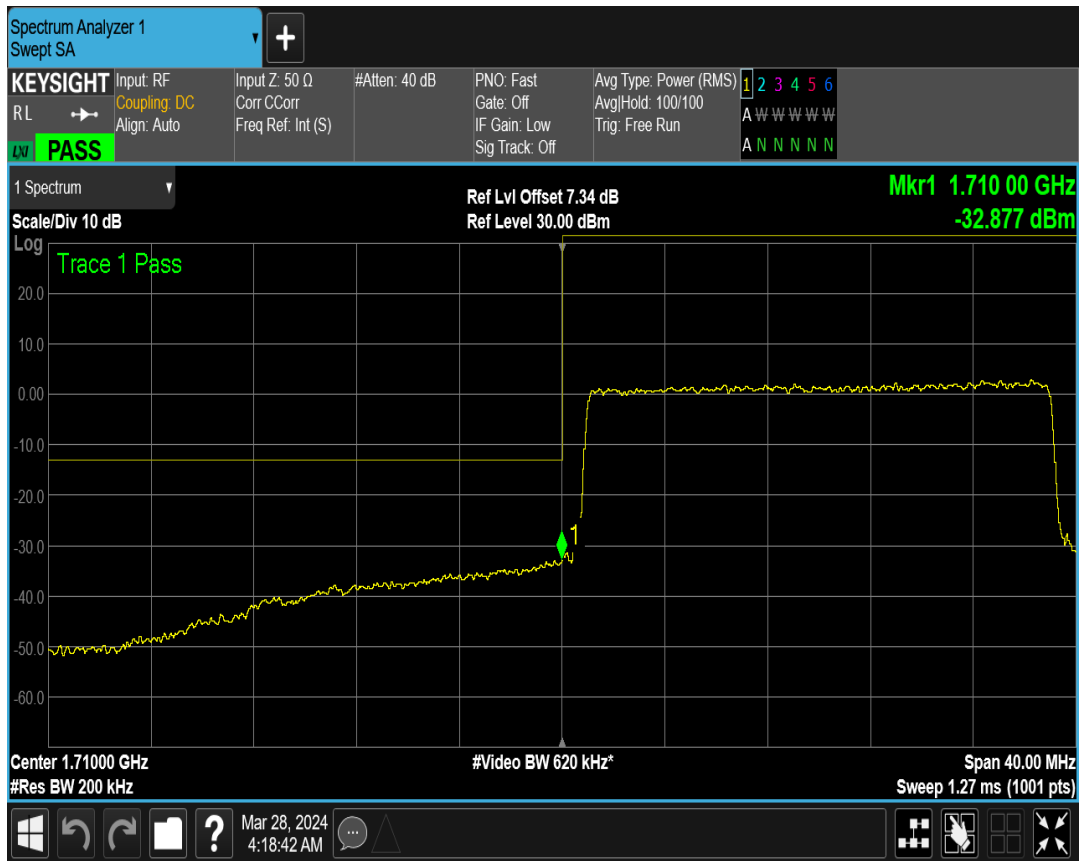
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



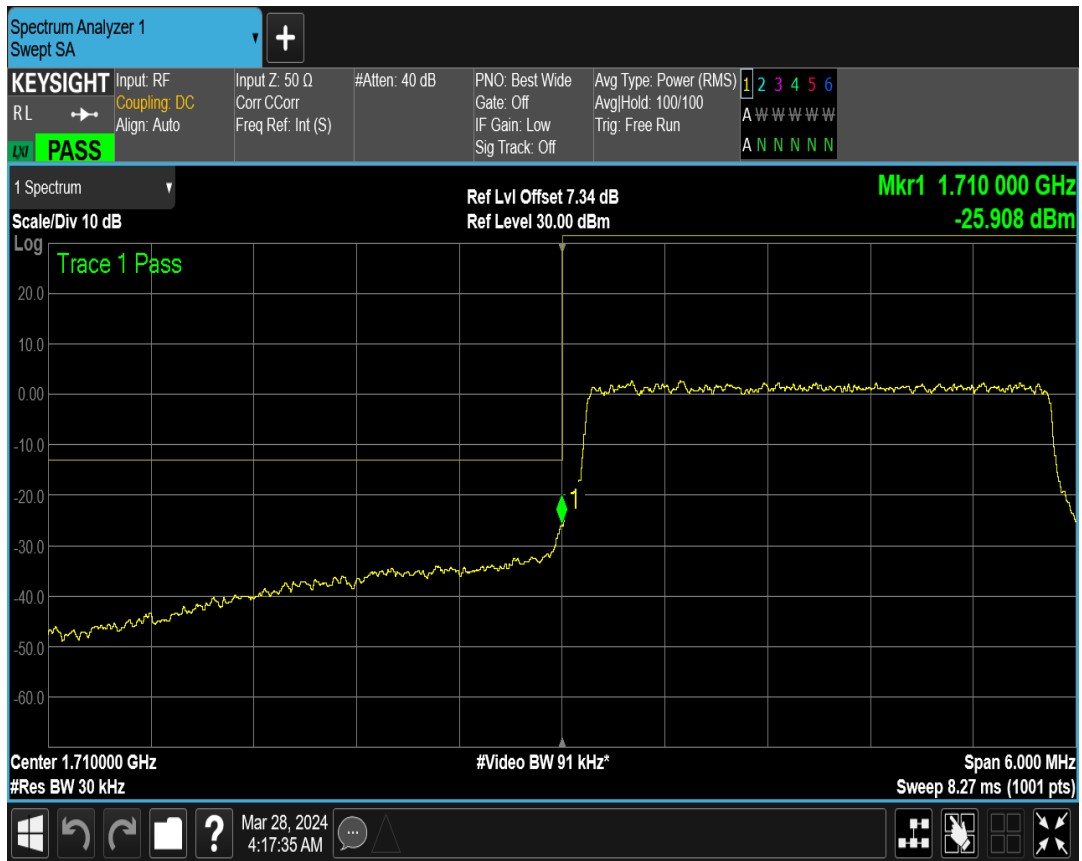
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



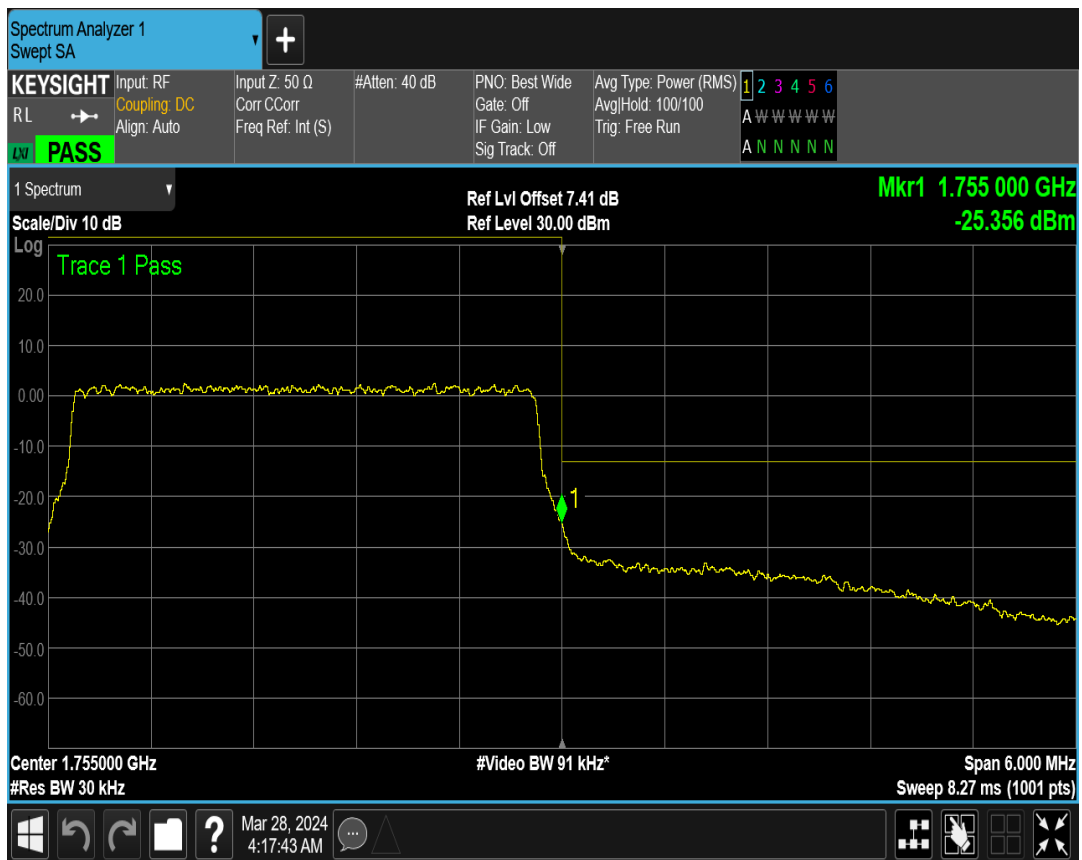
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



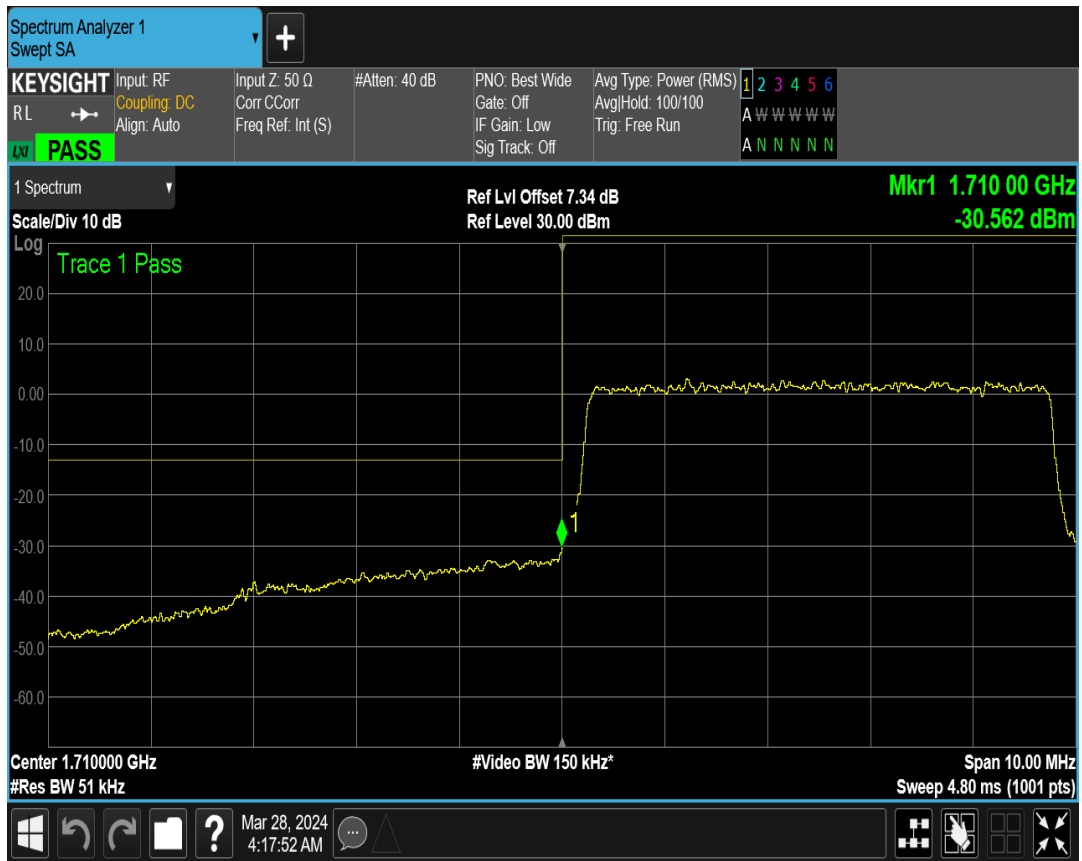
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



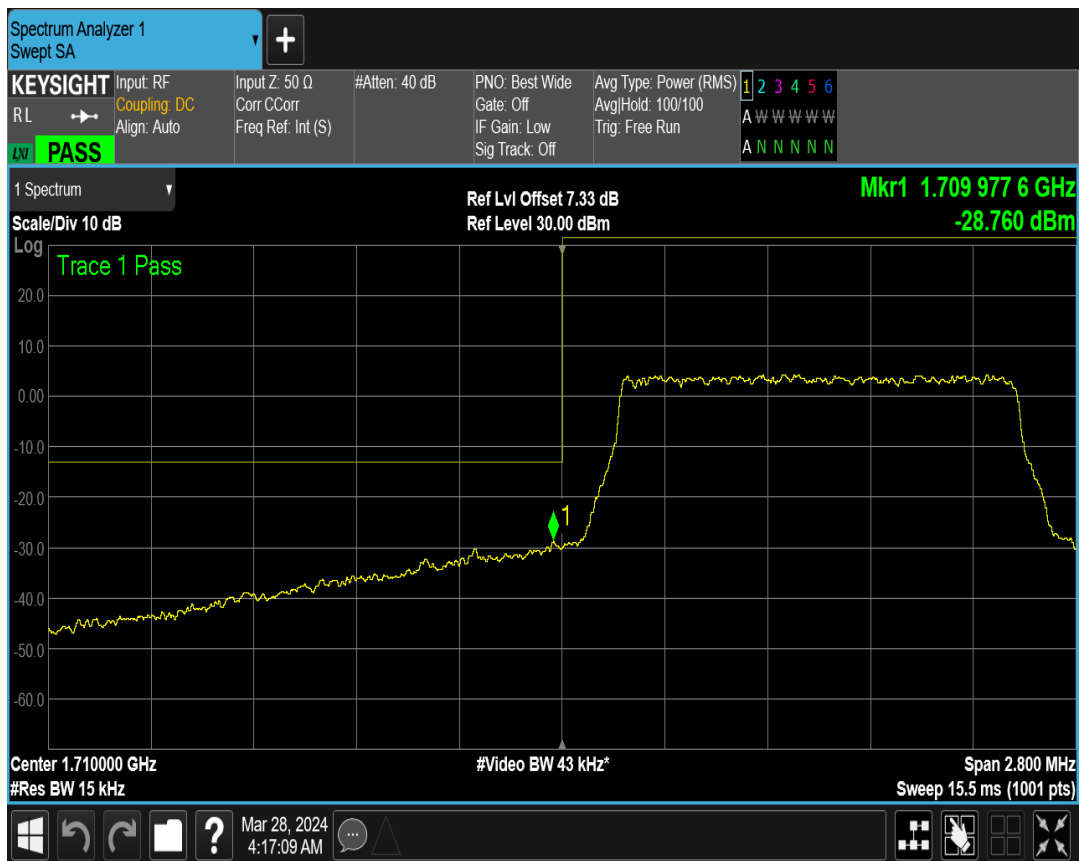
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



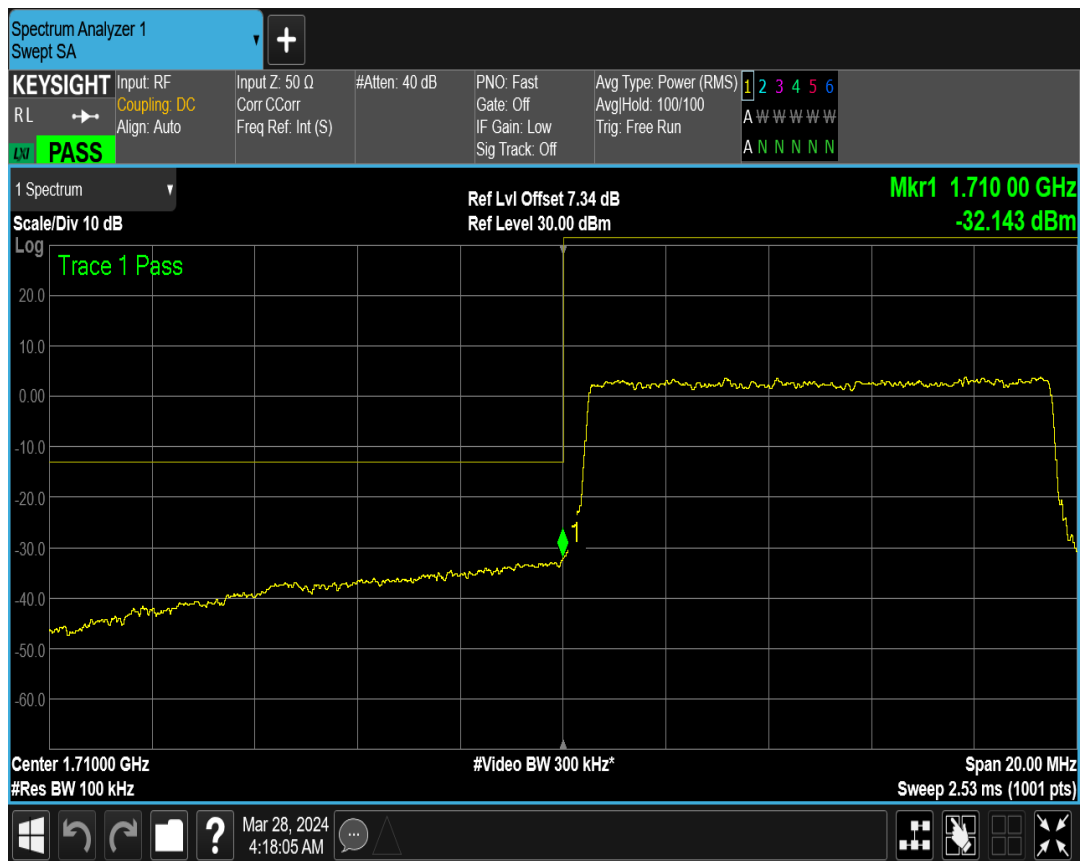
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



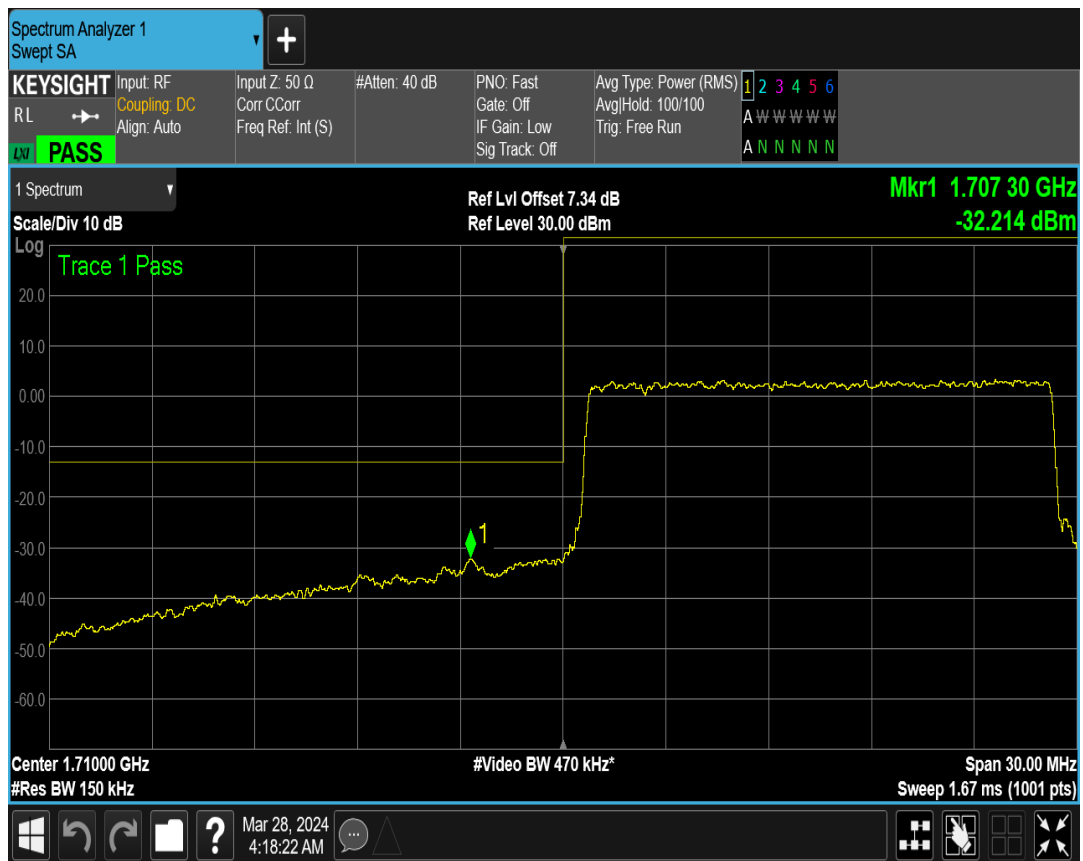
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



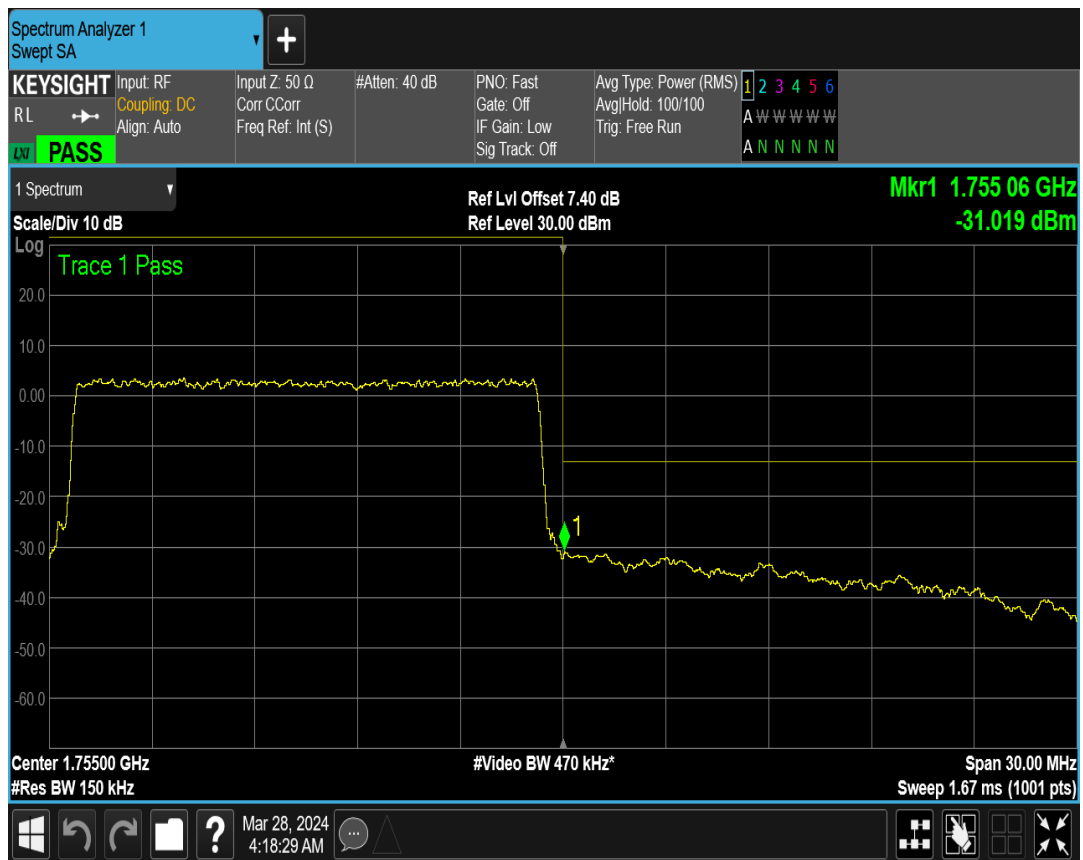
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



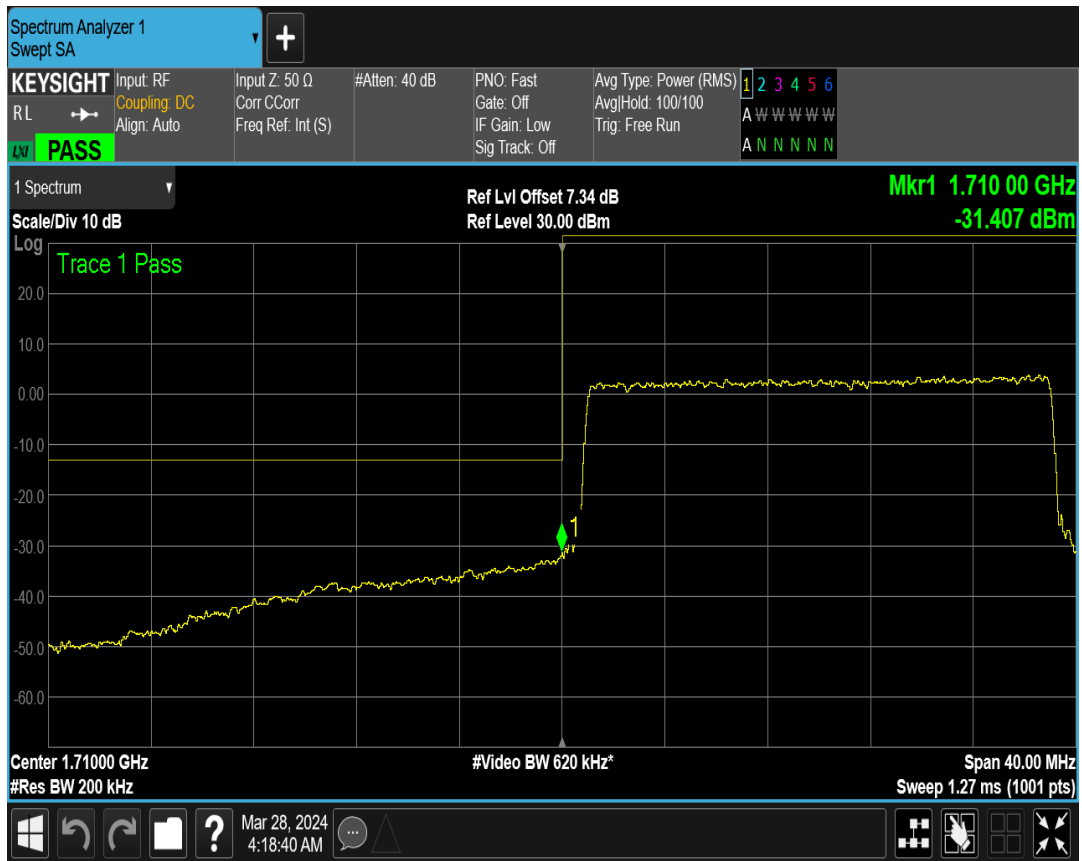
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



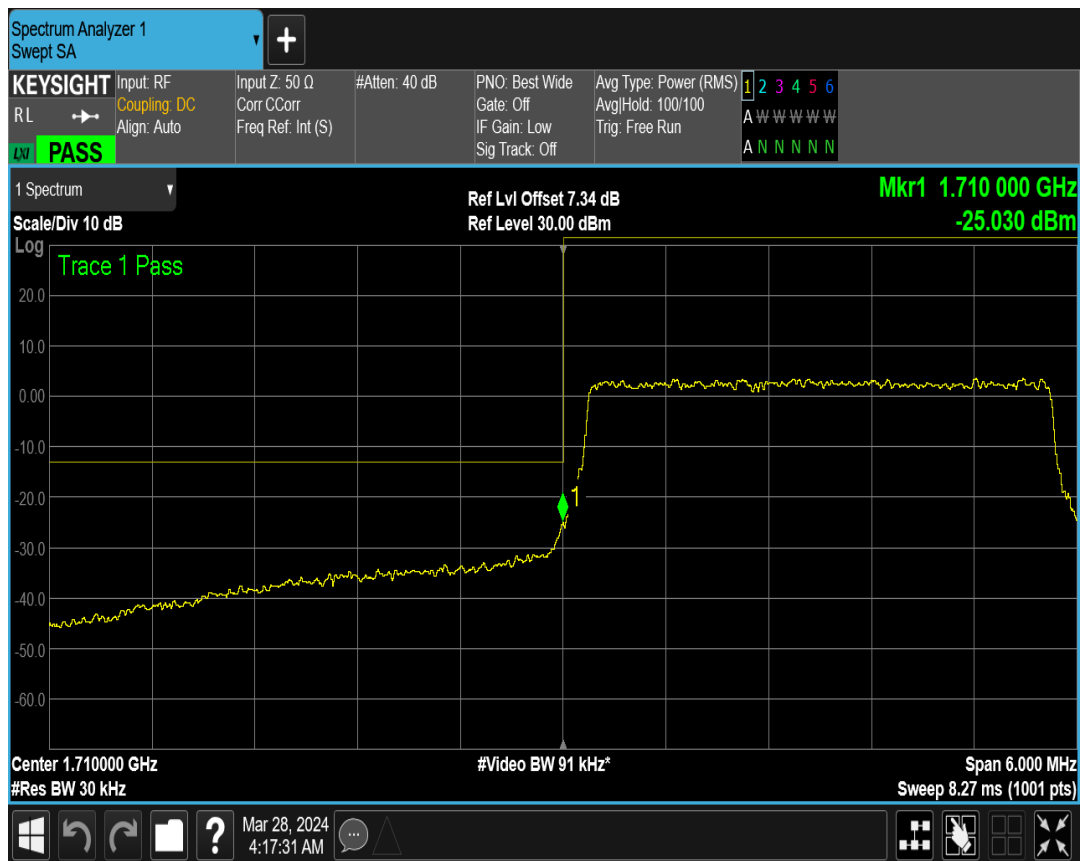
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



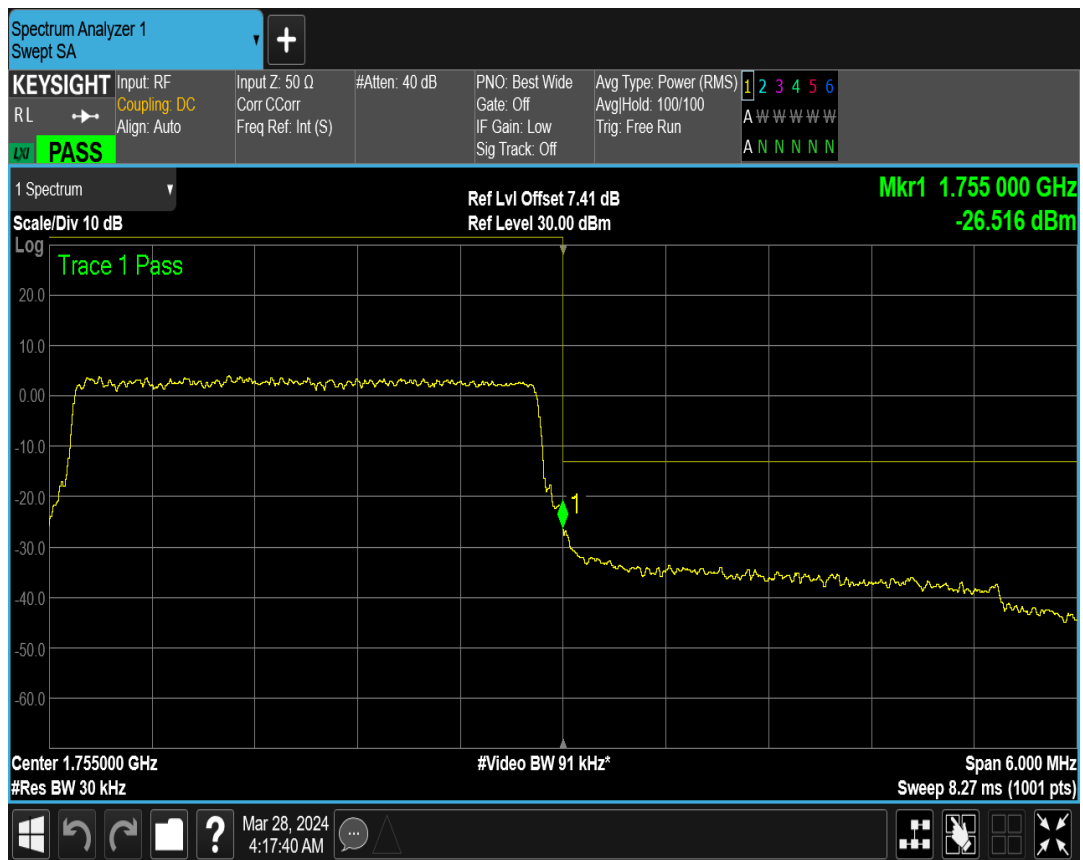
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



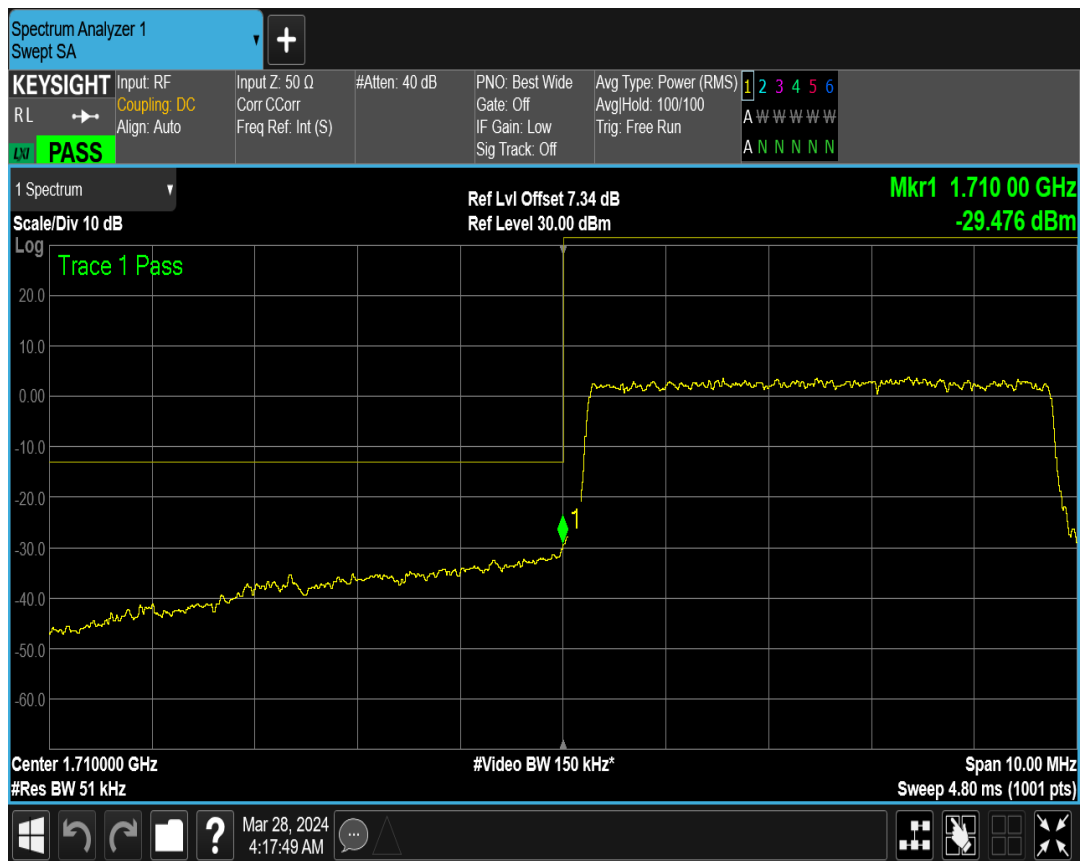
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



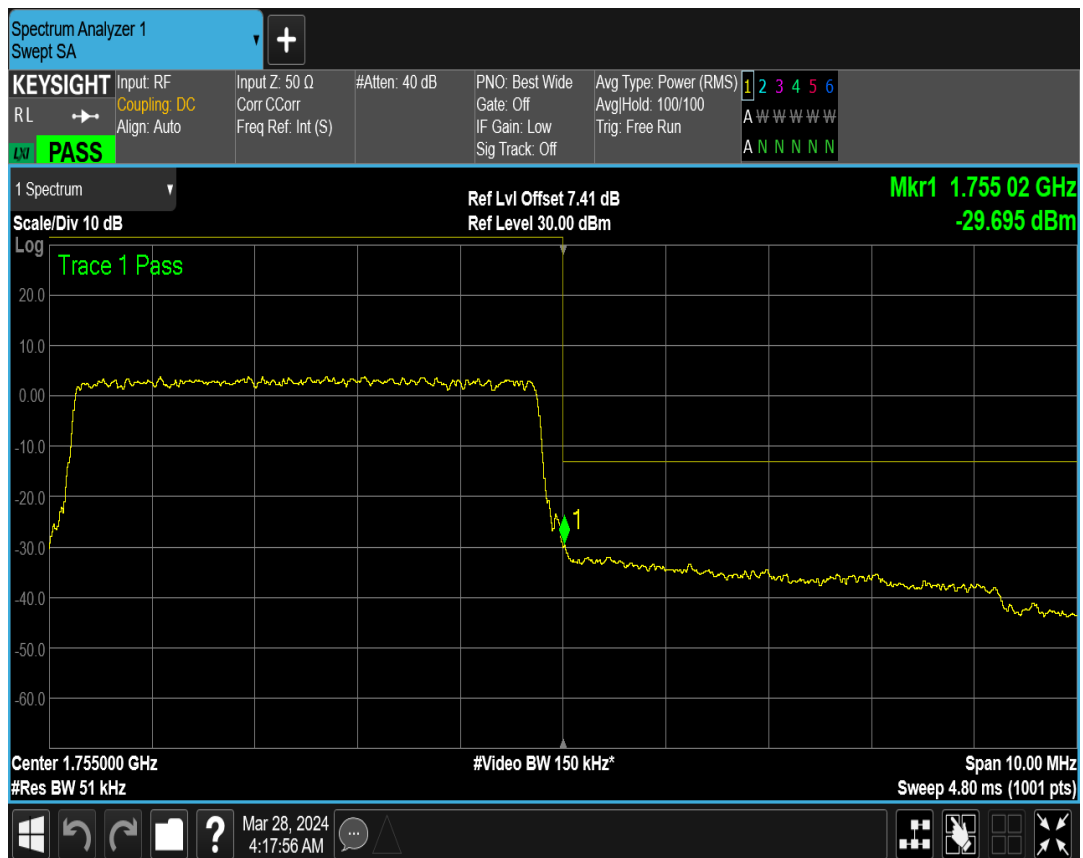
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



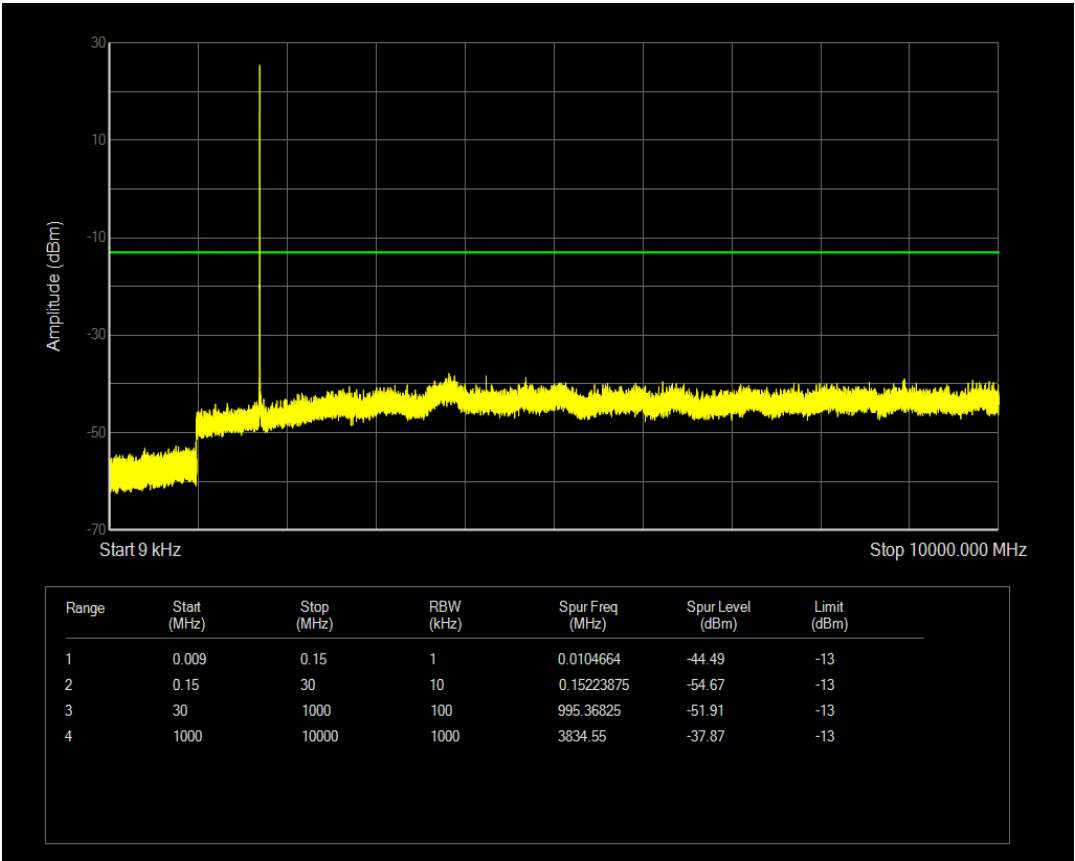
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



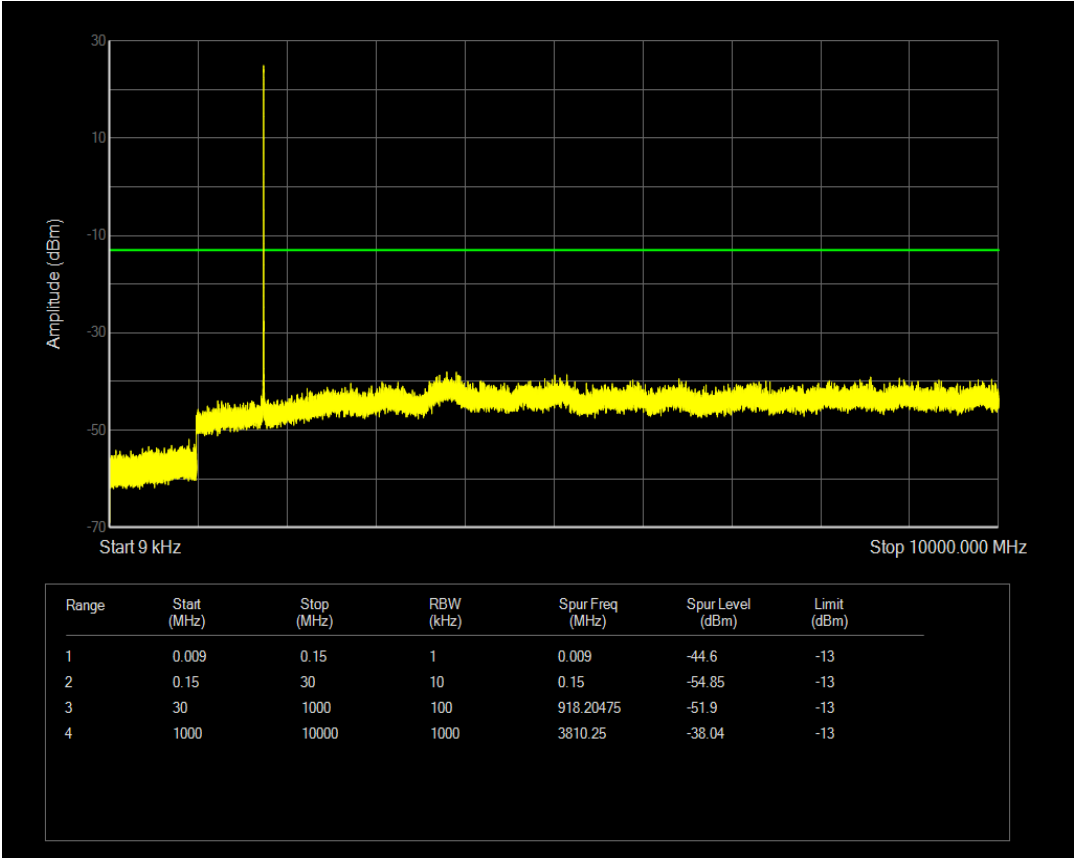
5 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	3808.23	-38.23	-13	PASS
Band4	1.4	19957	6	#0	16QAM	3834.55	-37.87	-13	PASS
Band4	1.4	20393	6	#0	QPSK	3805.53	-38.35	-13	PASS
Band4	1.4	20393	6	#0	16QAM	3810.25	-38.04	-13	PASS
Band4	3	19965	15	#0	QPSK	3722.28	-38.09	-13	PASS
Band4	3	19965	15	#0	16QAM	3648.93	-38.55	-13	PASS
Band4	3	20385	15	#0	QPSK	1767.03	-37.78	-13	PASS
Band4	3	20385	15	#0	16QAM	3742.30	-37.70	-13	PASS
Band4	5	19975	25	#0	QPSK	3781.23	-38.24	-13	PASS
Band4	5	19975	25	#0	16QAM	3747.03	-38.18	-13	PASS
Band4	5	20375	25	#0	QPSK	3829.15	-38.42	-13	PASS
Band4	5	20375	25	#0	16QAM	3740.73	-37.60	-13	PASS
Band4	10	20000	50	#0	QPSK	9822.70	-38.19	-13	PASS
Band4	10	20000	50	#0	16QAM	3851.43	-38.69	-13	PASS
Band4	10	20350	50	#0	QPSK	3872.58	-37.33	-13	PASS
Band4	10	20350	50	#0	16QAM	3823.98	-37.83	-13	PASS
Band4	15	20025	75	#0	QPSK	5042.80	-38.34	-13	PASS
Band4	15	20025	75	#0	16QAM	3760.53	-38.59	-13	PASS
Band4	15	20325	75	#0	QPSK	3889.90	-37.67	-13	PASS
Band4	15	20325	75	#0	16QAM	3753.78	-37.42	-13	PASS
Band4	20	20050	100	#0	QPSK	5947.98	-38.04	-13	PASS
Band4	20	20050	100	#0	16QAM	3918.03	-38.51	-13	PASS
Band4	20	20300	100	#0	QPSK	5026.38	-38.73	-13	PASS
Band4	20	20300	100	#0	16QAM	3781.90	-38.99	-13	PASS

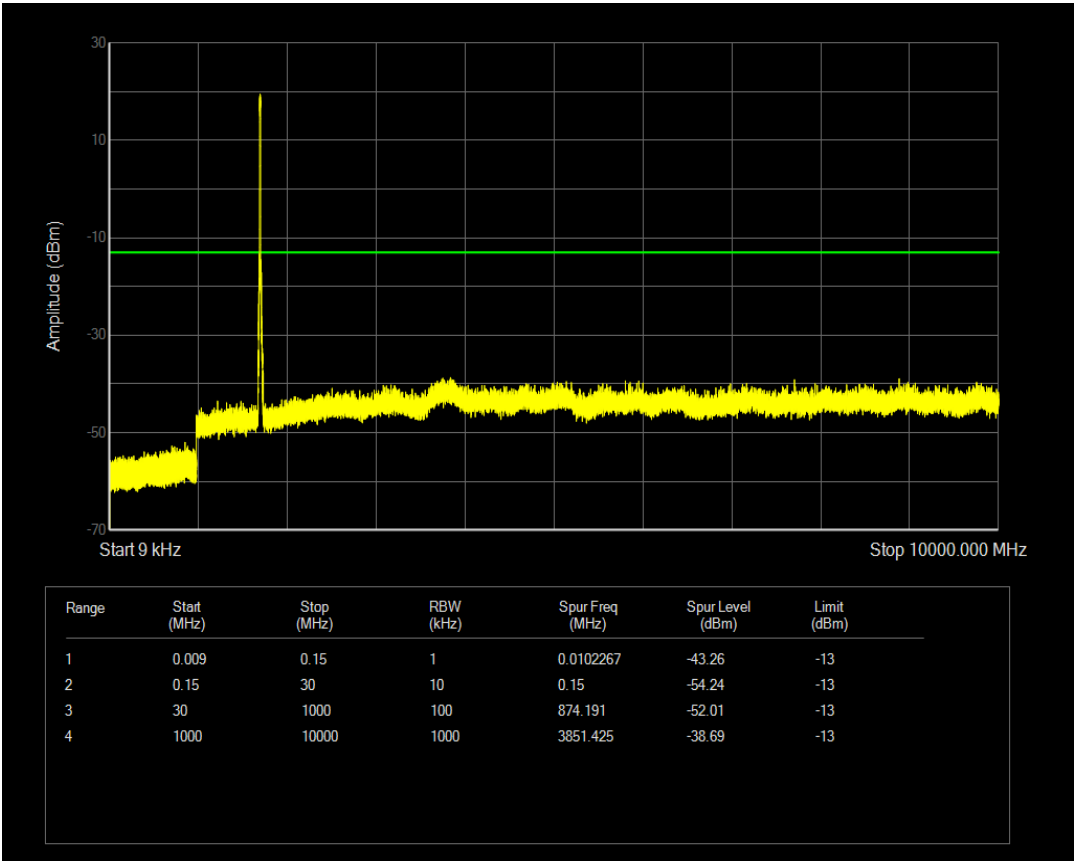
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



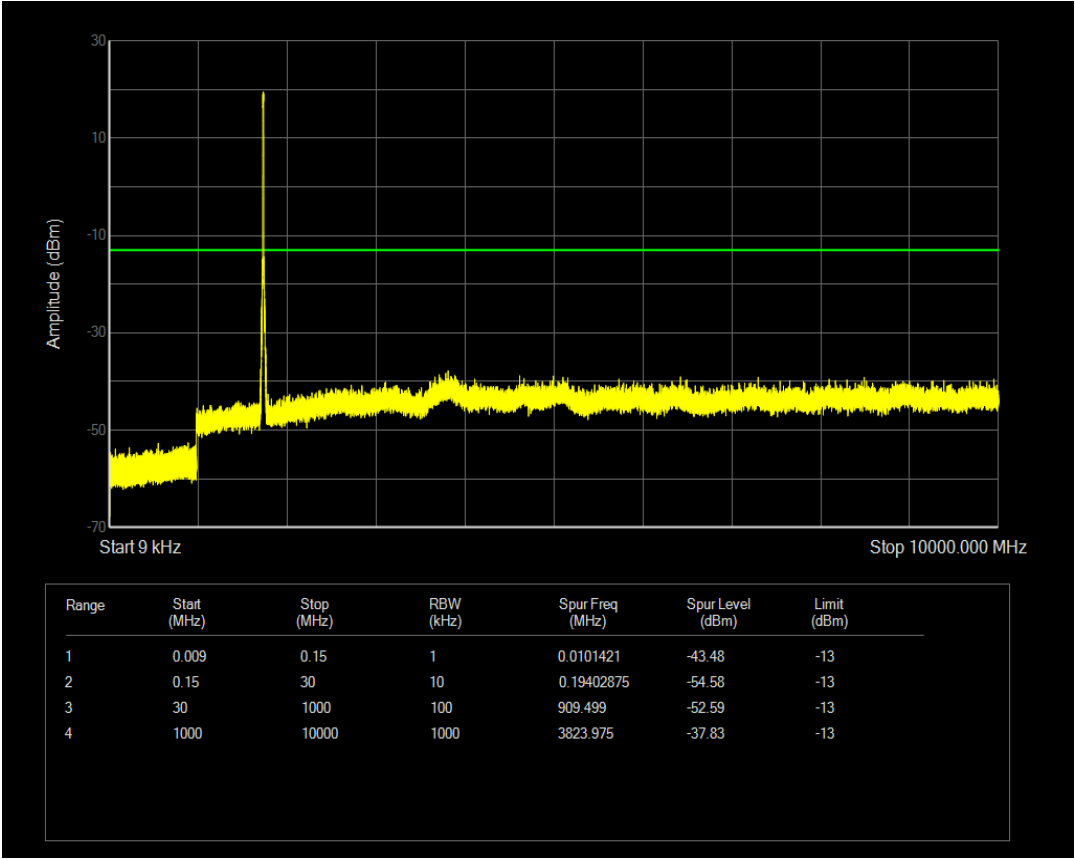
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



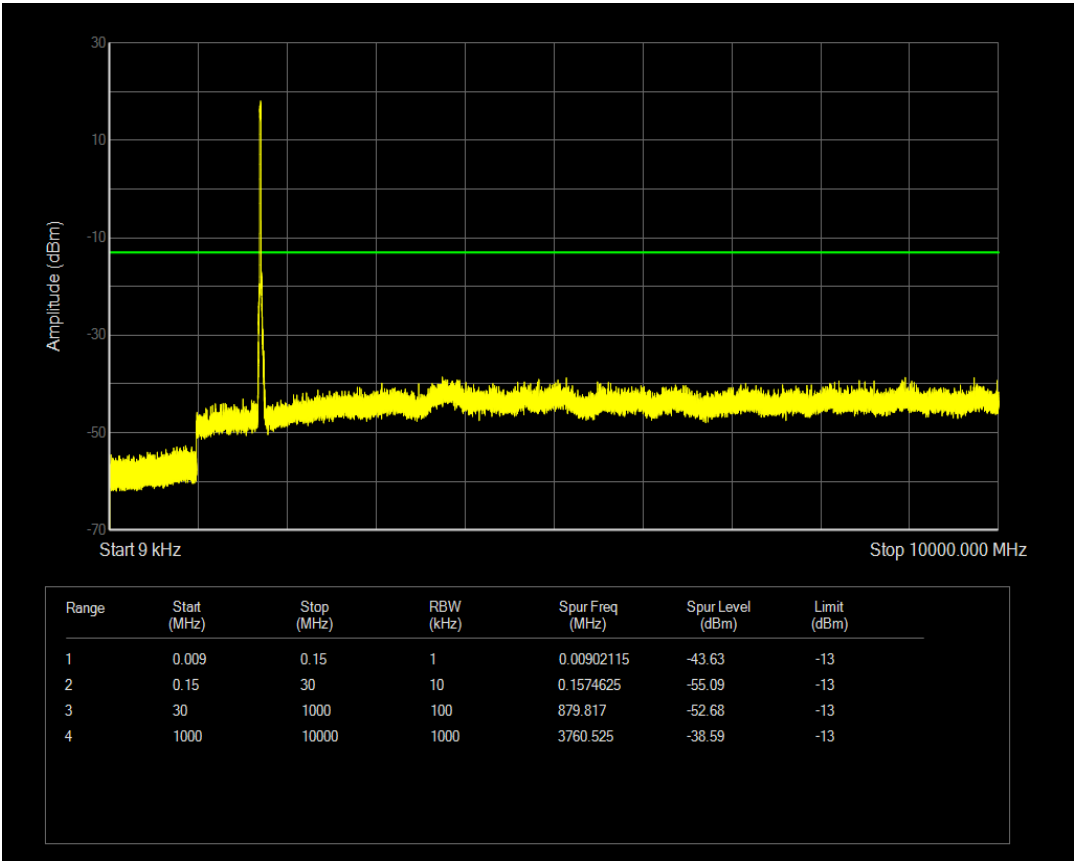
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



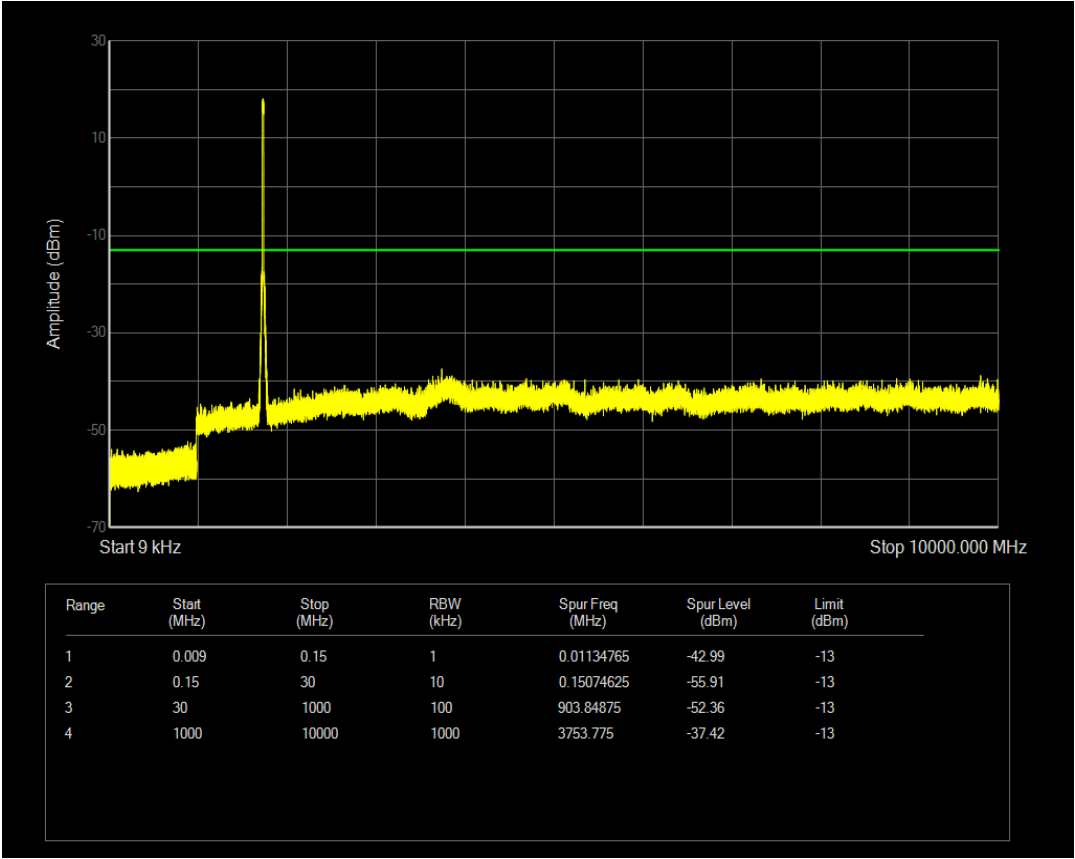
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



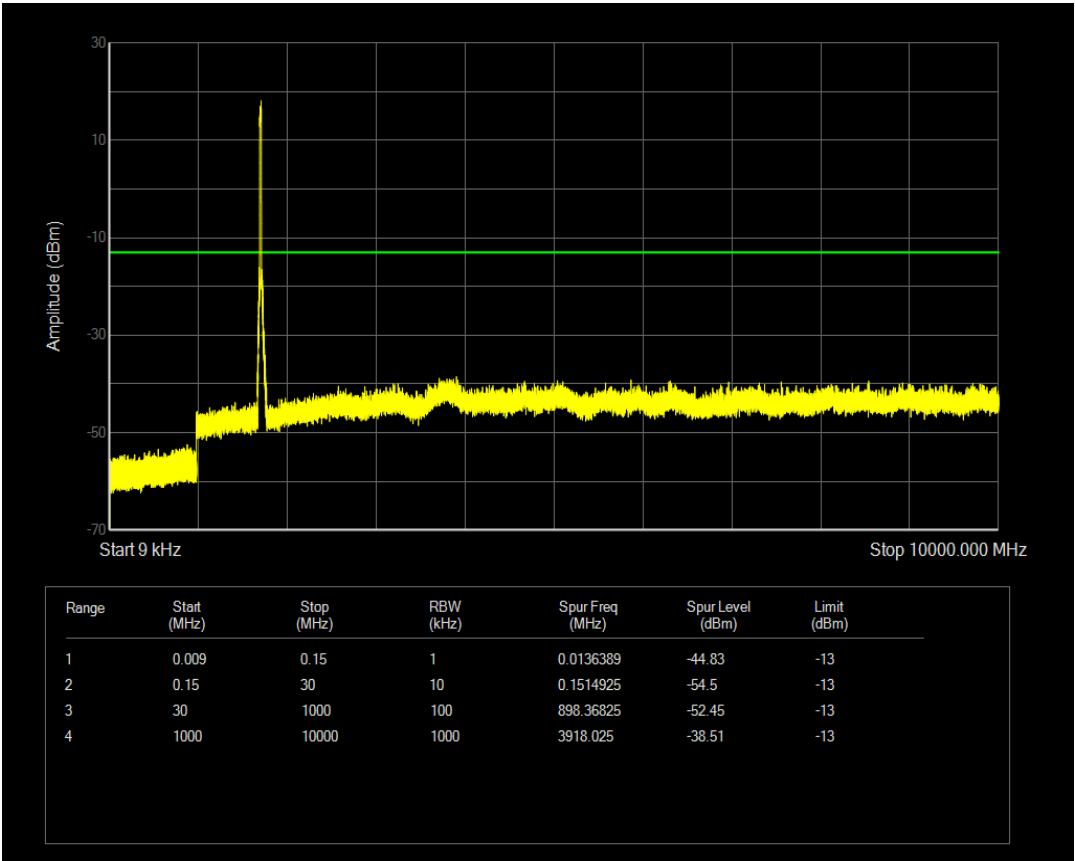
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



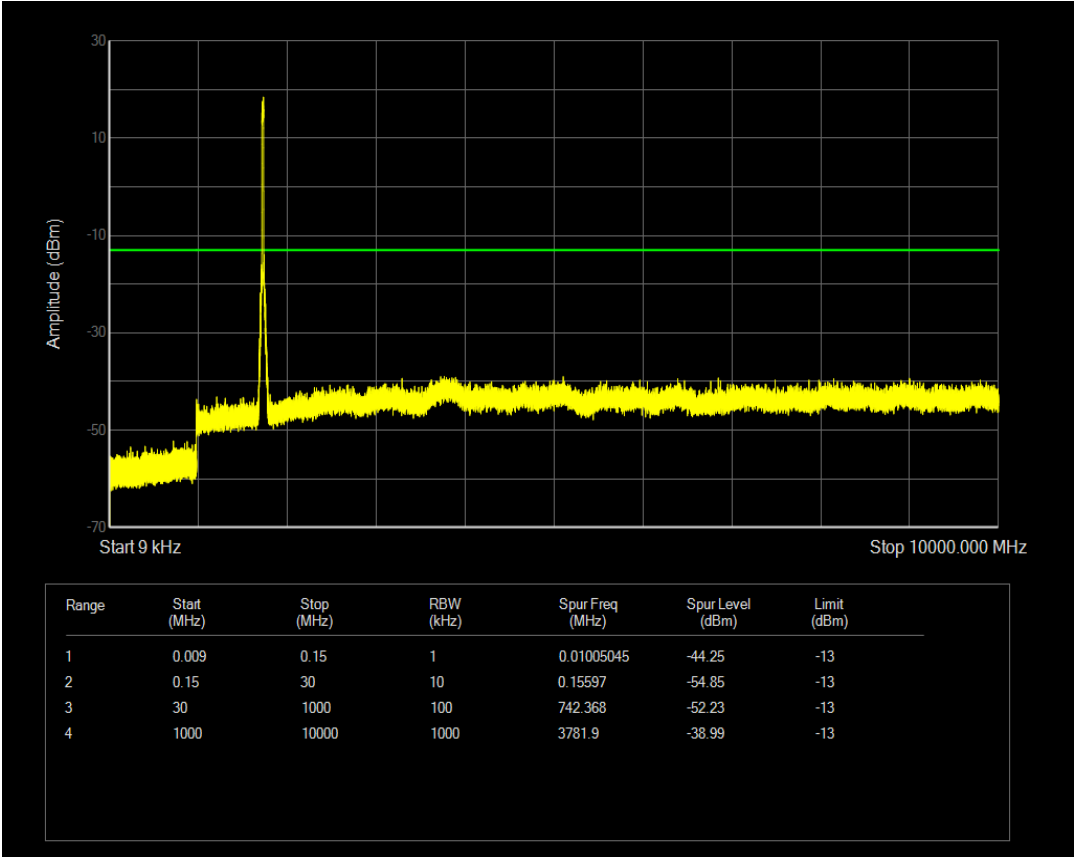
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



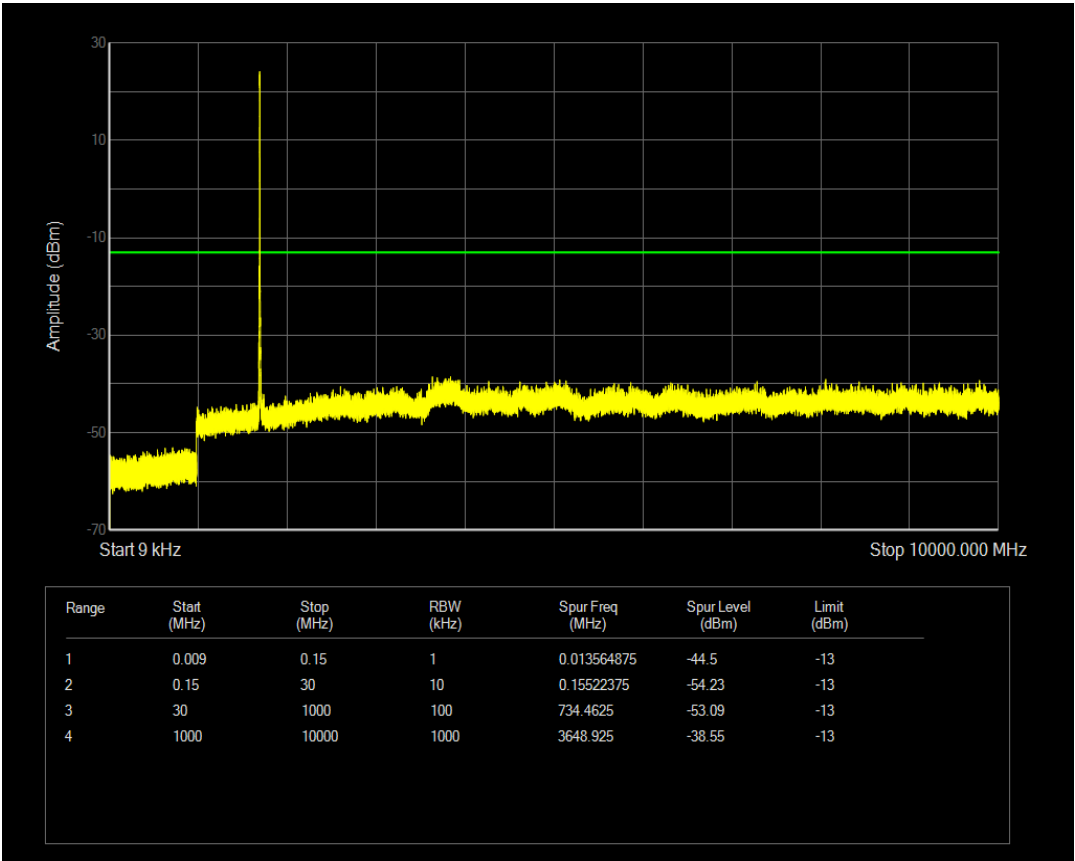
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



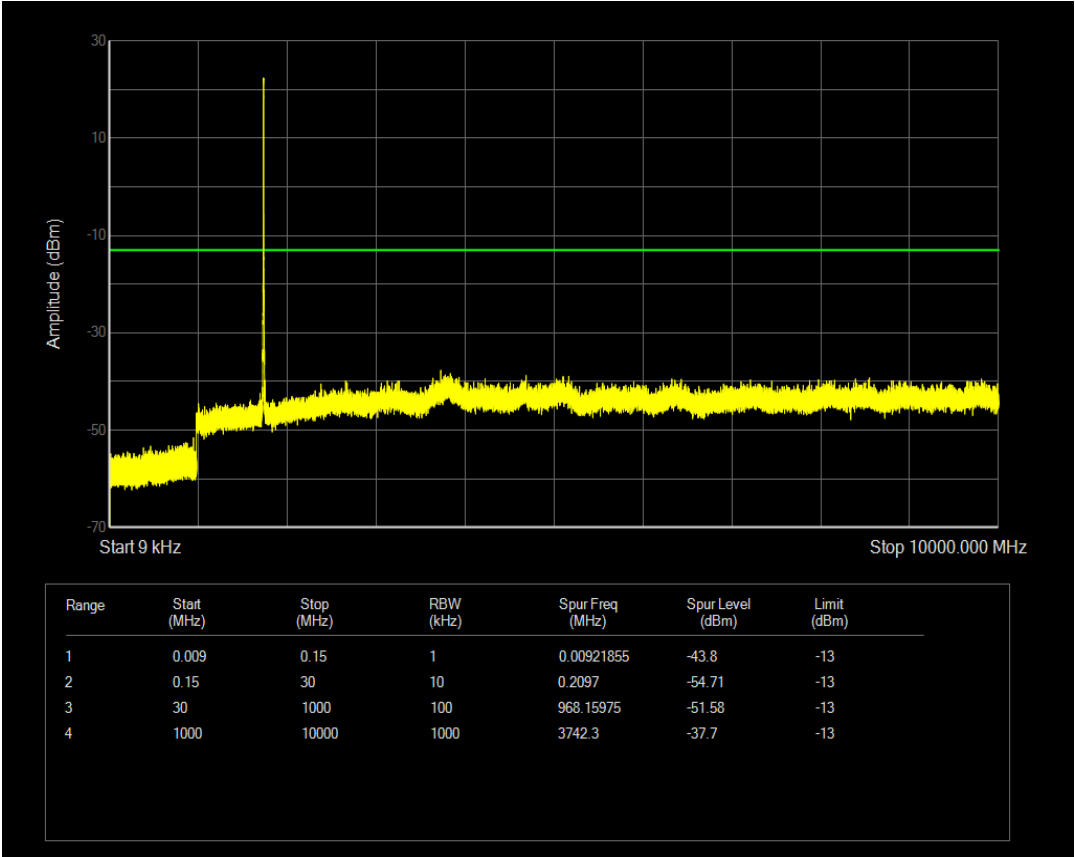
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



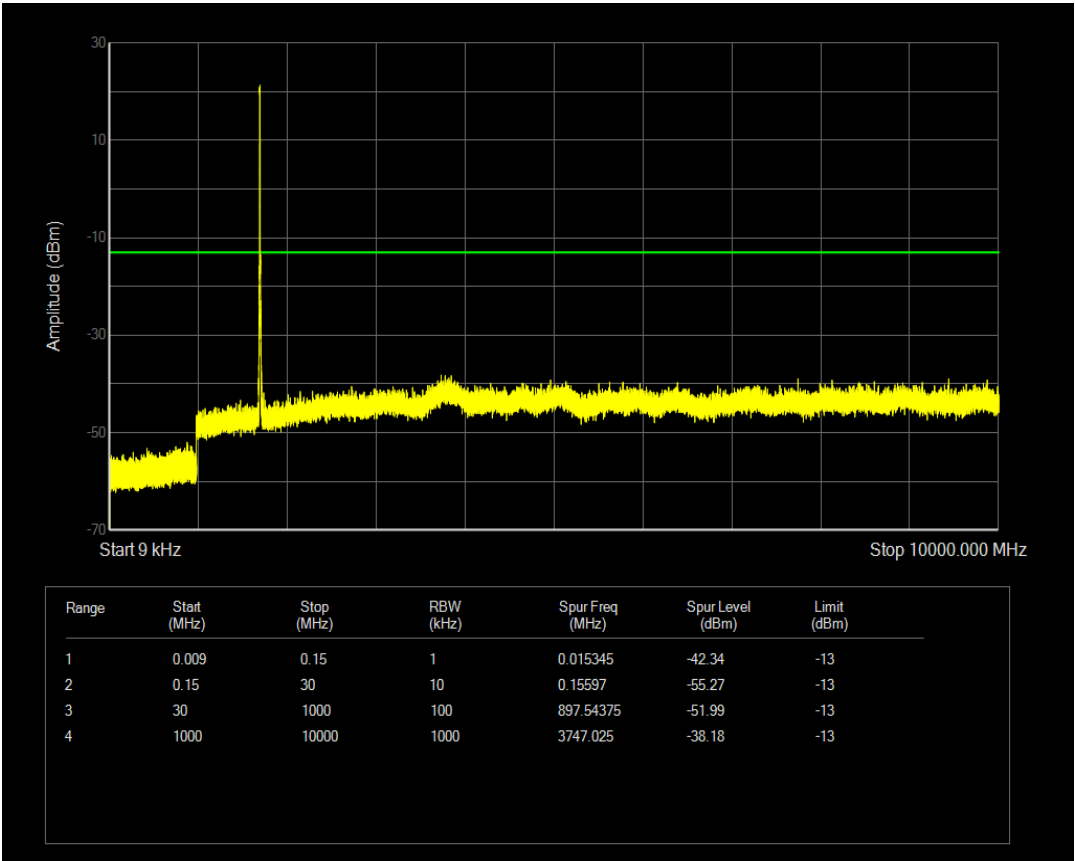
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



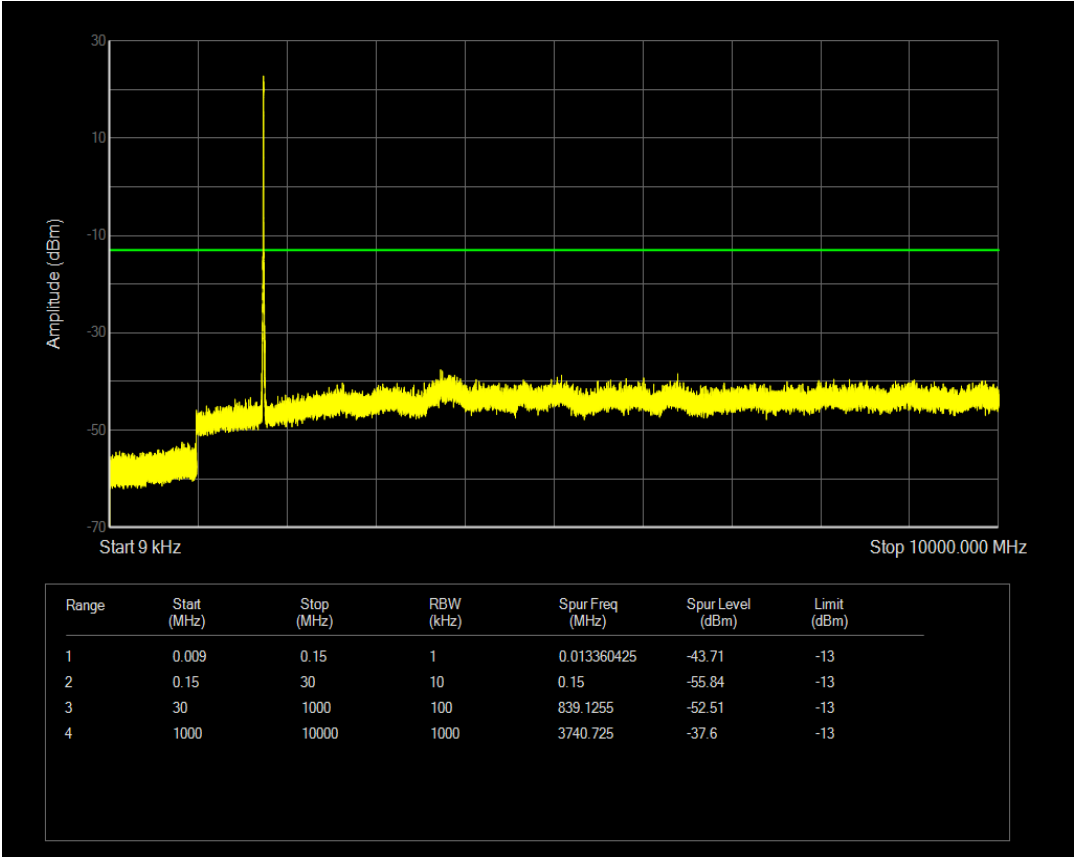
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



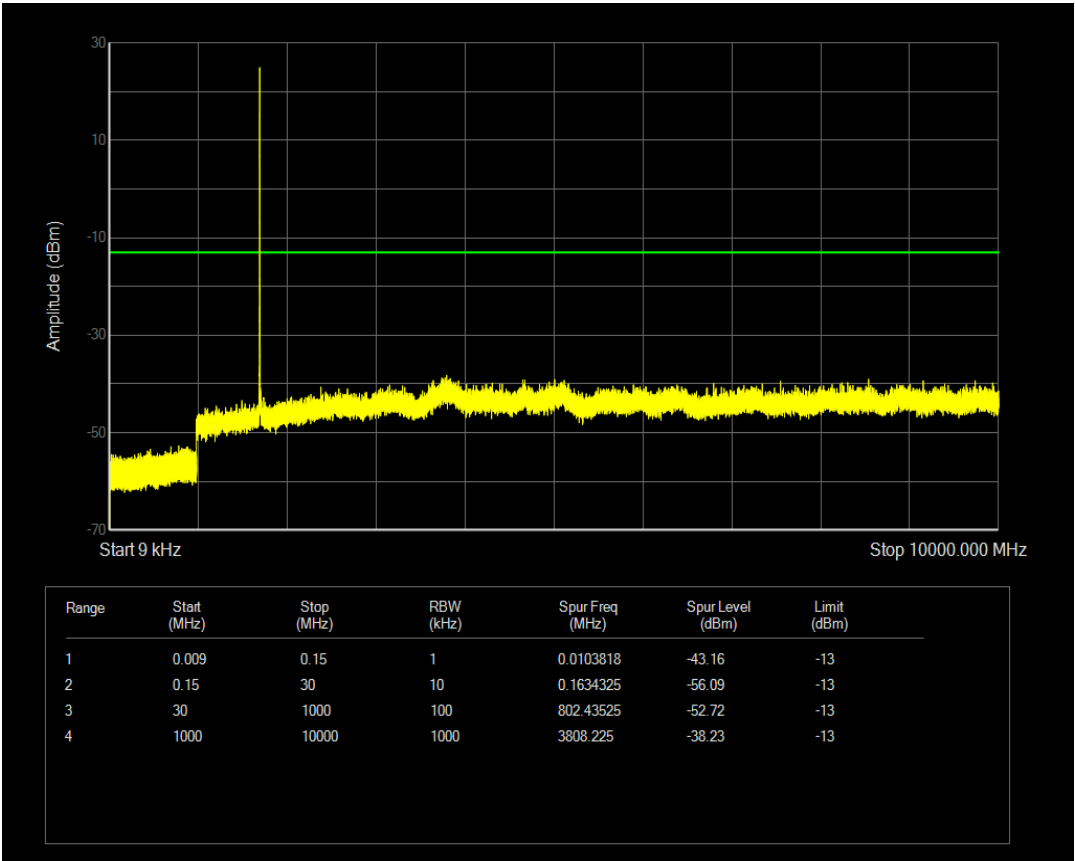
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



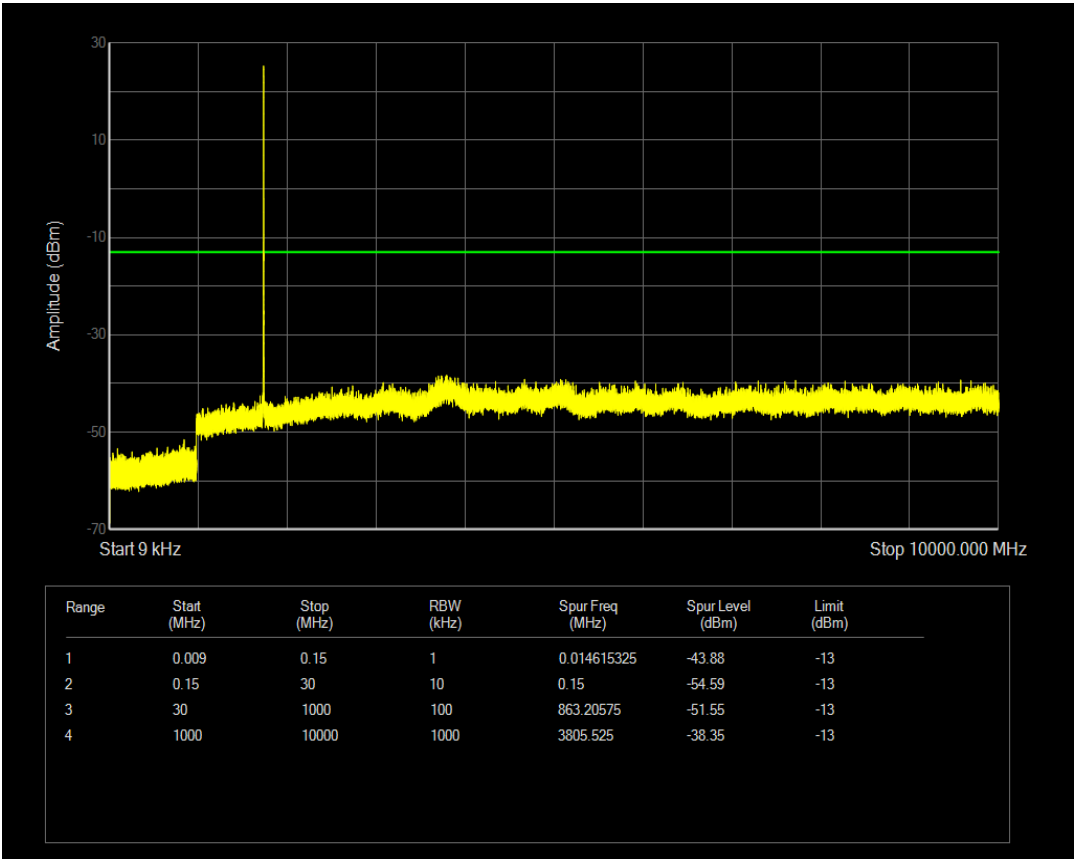
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



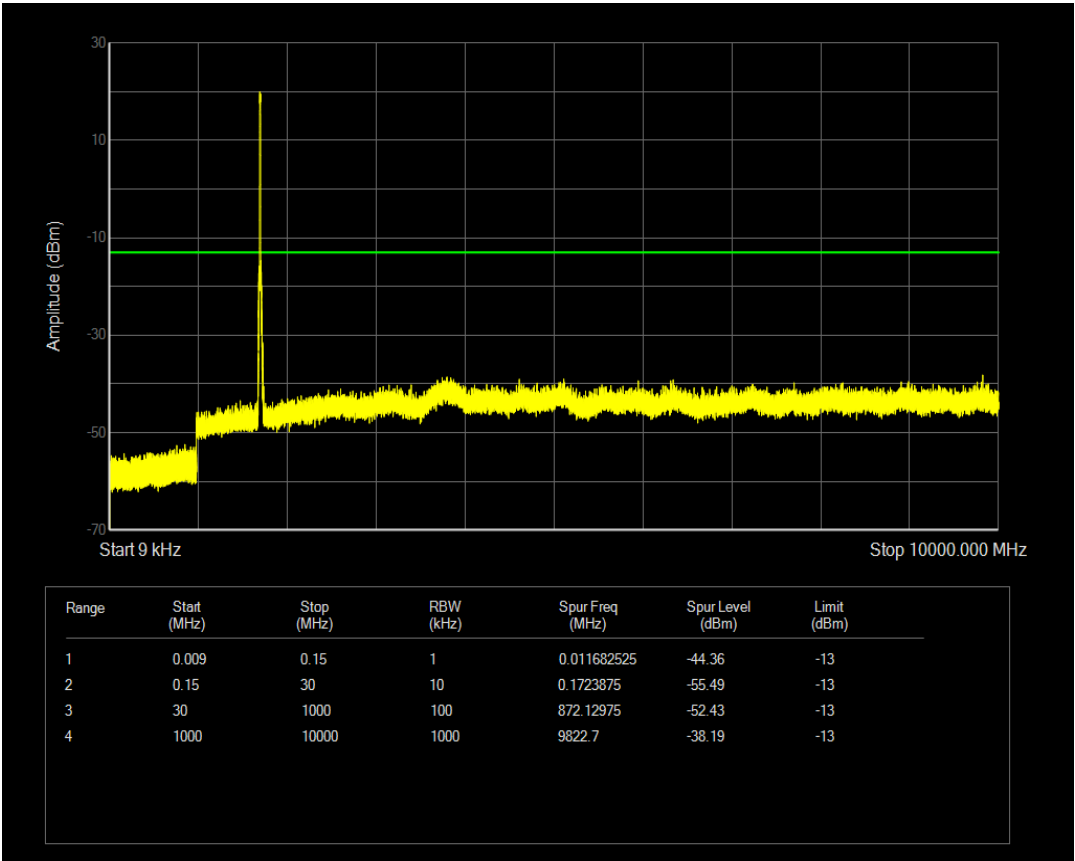
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



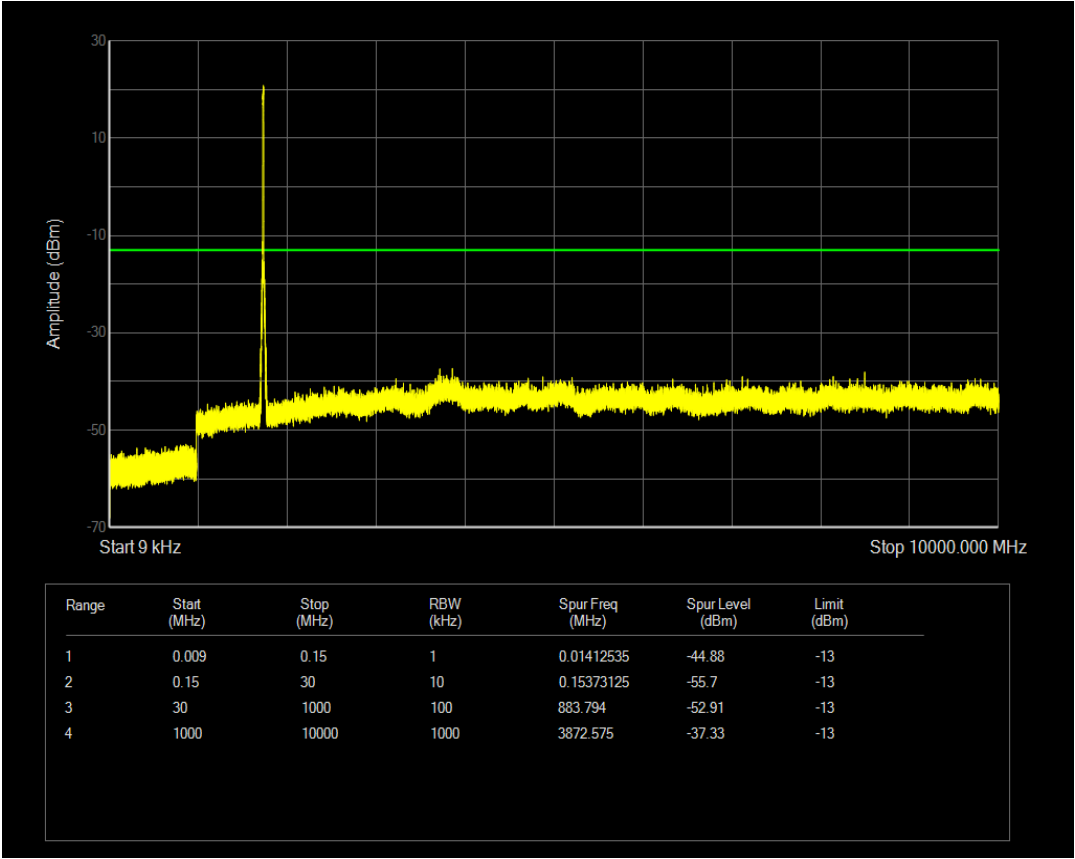
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



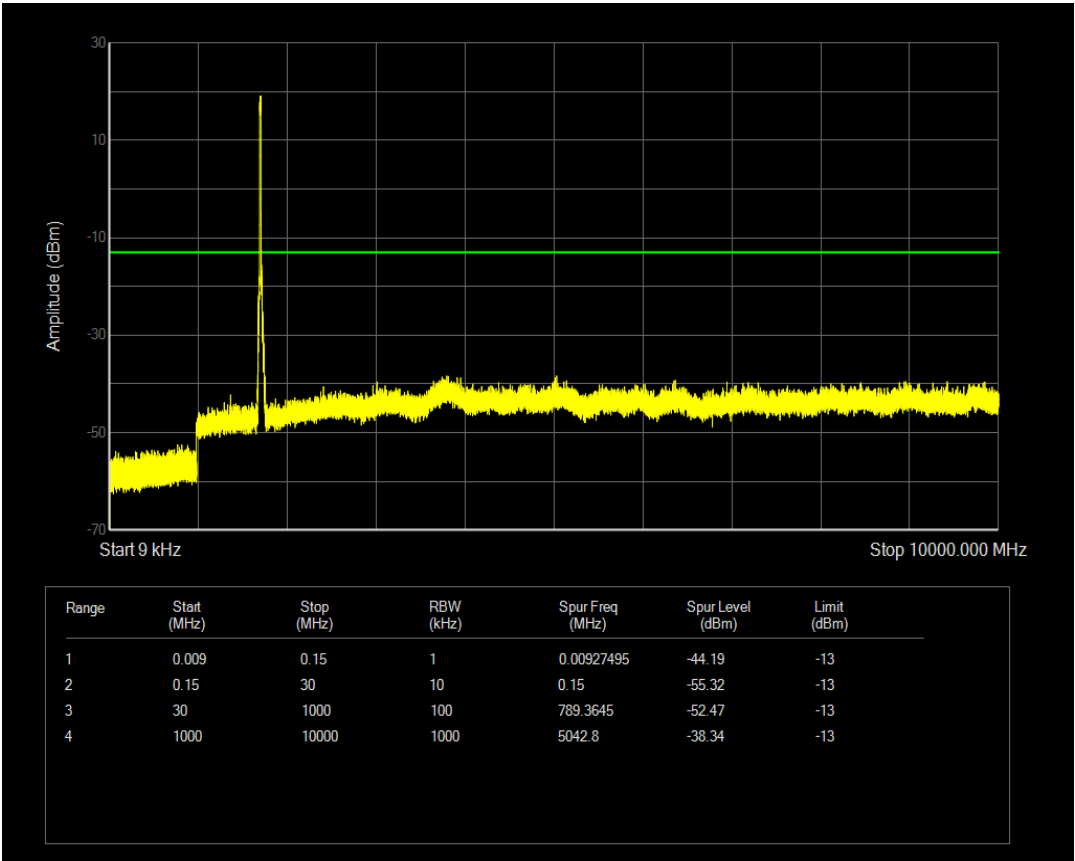
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



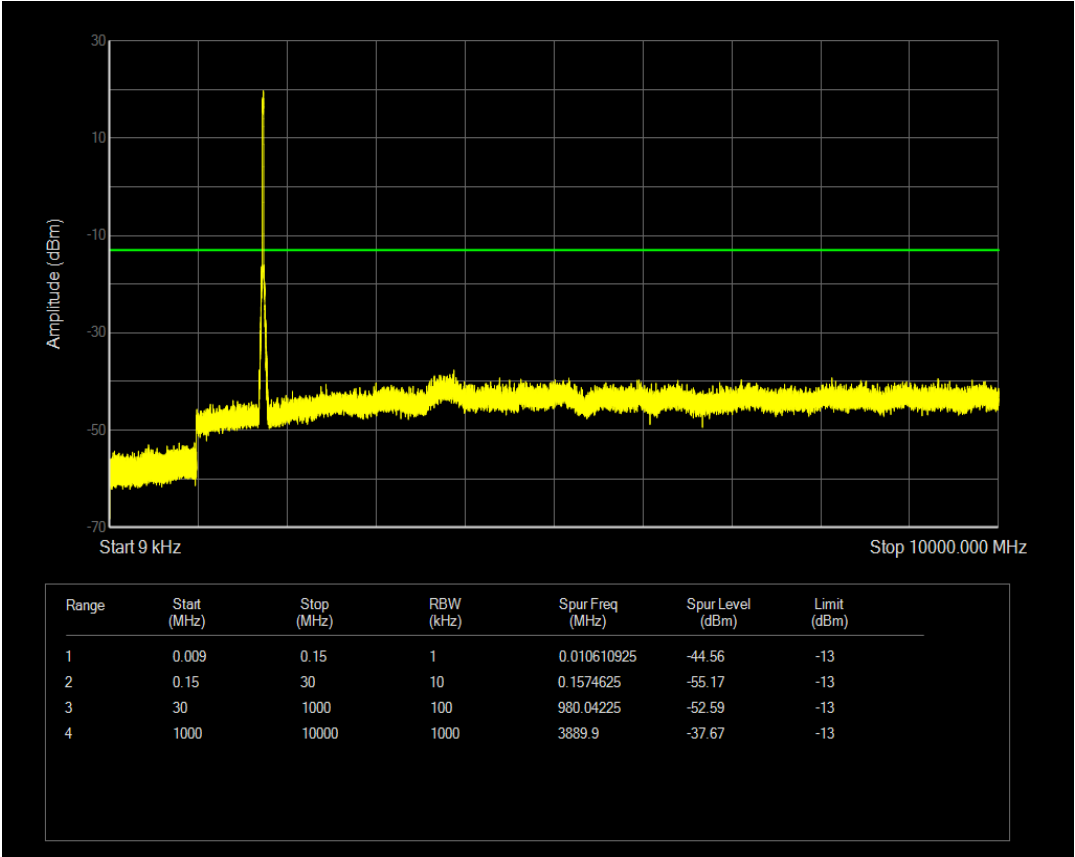
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



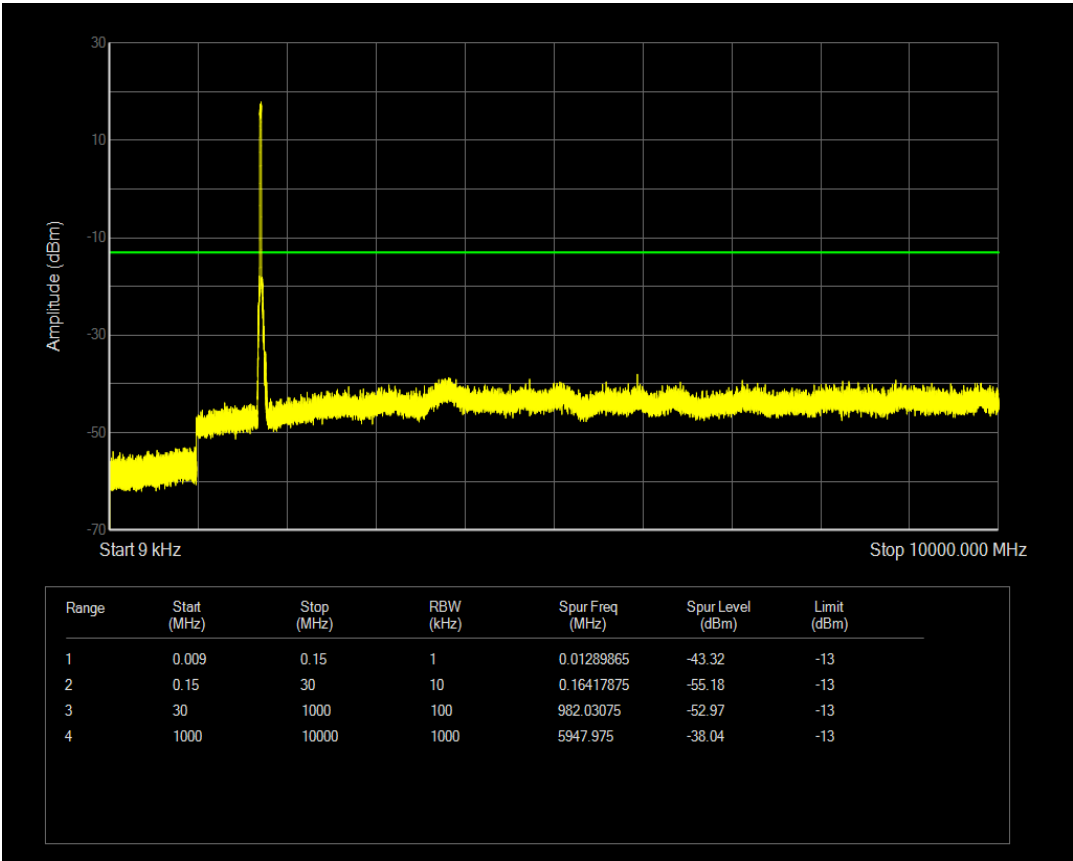
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



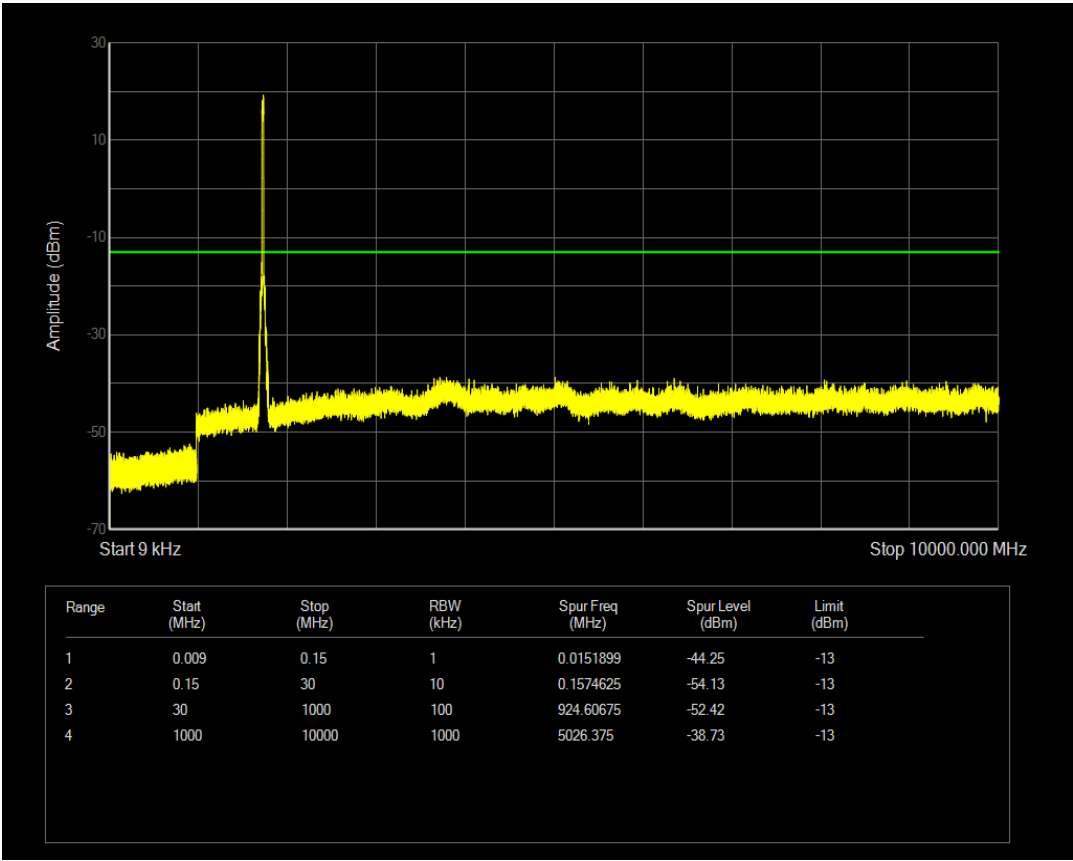
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



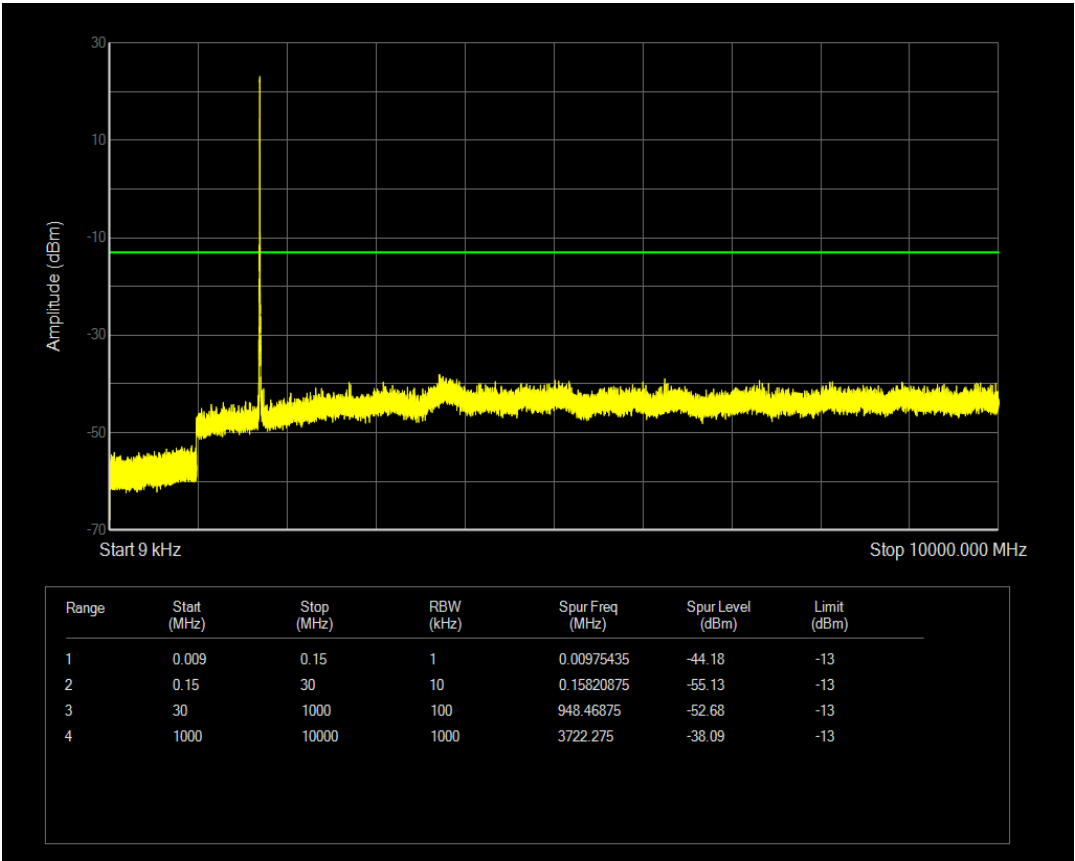
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



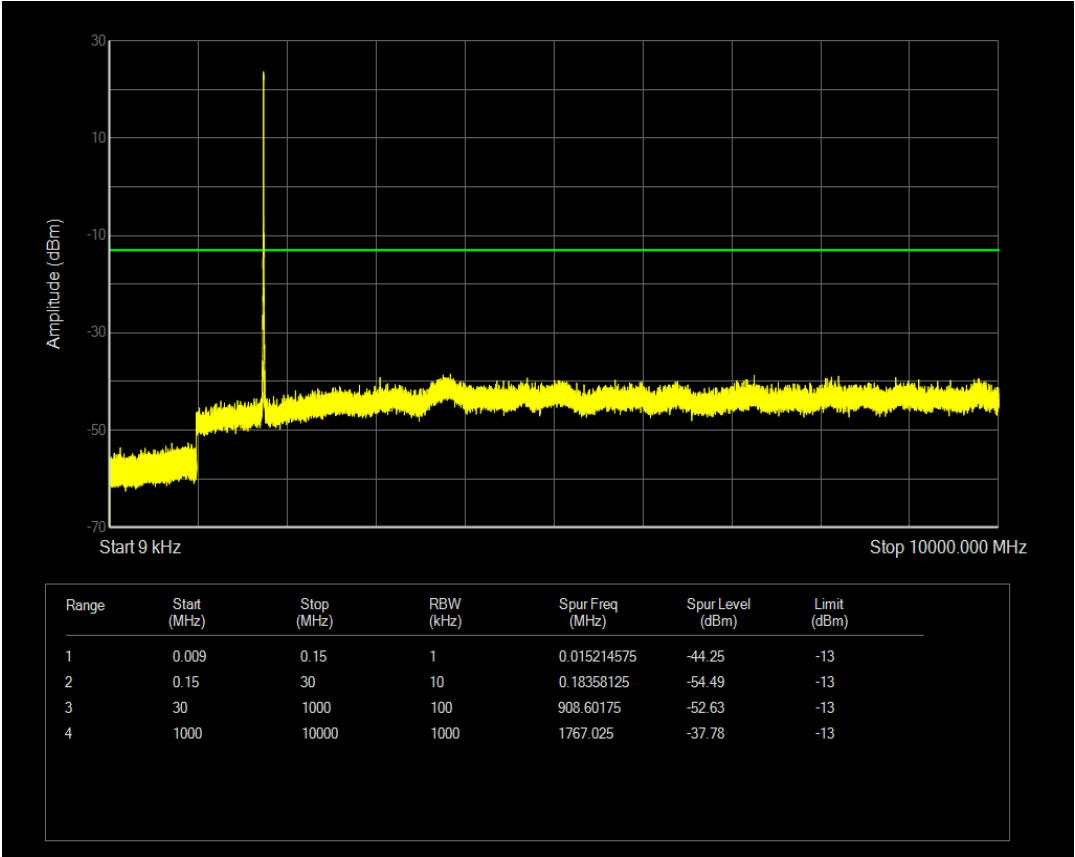
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



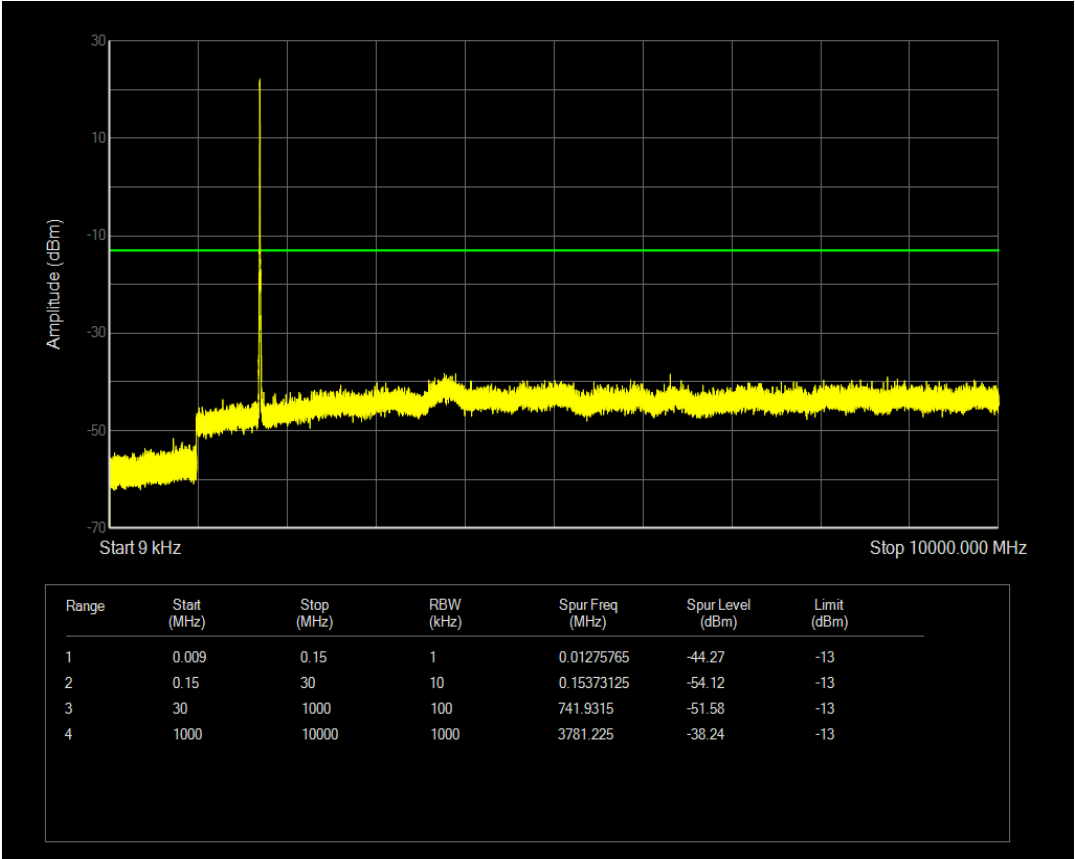
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0

