

TABLE OF CONTENTS

1 Conducted output power	2
2 Frequency stability	8
3 Peak-to-Average Ratio	9
4 Occupied bandwidth	16
5 Band edge	31
6 Out-of-band emissions	41

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted output power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	20.71	-7.31	13.4	30	PASS
Band4	1.4	19957	1	#Mid	QPSK	21.47	-7.31	14.16	30	PASS
Band4	1.4	19957	1	#Max	QPSK	20.97	-7.31	13.66	30	PASS
Band4	1.4	19957	3	#0	QPSK	21.13	-7.31	13.82	30	PASS
Band4	1.4	19957	3	#Mid	QPSK	21.34	-7.31	14.03	30	PASS
Band4	1.4	19957	3	#Max	QPSK	21.2	-7.31	13.89	30	PASS
Band4	1.4	19957	6	#0	QPSK	20.31	-7.31	13	30	PASS
Band4	1.4	19957	1	#0	QAM16	19.6	-7.31	12.29	30	PASS
Band4	1.4	19957	1	#Mid	QAM16	20.33	-7.31	13.02	30	PASS
Band4	1.4	19957	1	#Max	QAM16	19.76	-7.31	12.45	30	PASS
Band4	1.4	19957	3	#0	QAM16	20.33	-7.31	13.02	30	PASS
Band4	1.4	19957	3	#Mid	QAM16	20.55	-7.31	13.24	30	PASS
Band4	1.4	19957	3	#Max	QAM16	20.56	-7.31	13.25	30	PASS
Band4	1.4	19957	6	#0	QAM16	19.64	-7.31	12.33	30	PASS
Band4	1.4	20175	1	#0	QPSK	20.84	-7.31	13.53	30	PASS
Band4	1.4	20175	1	#Mid	QPSK	21.37	-7.31	14.06	30	PASS
Band4	1.4	20175	1	#Max	QPSK	20.67	-7.31	13.36	30	PASS
Band4	1.4	20175	3	#0	QPSK	21.03	-7.31	13.72	30	PASS
Band4	1.4	20175	3	#Mid	QPSK	21.2	-7.31	13.89	30	PASS
Band4	1.4	20175	3	#Max	QPSK	20.97	-7.31	13.66	30	PASS
Band4	1.4	20175	6	#0	QPSK	20.21	-7.31	12.9	30	PASS
Band4	1.4	20175	1	#0	QAM16	19.97	-7.31	12.66	30	PASS
Band4	1.4	20175	1	#Mid	QAM16	20.54	-7.31	13.23	30	PASS
Band4	1.4	20175	1	#Max	QAM16	19.87	-7.31	12.56	30	PASS
Band4	1.4	20175	3	#0	QAM16	20.37	-7.31	13.06	30	PASS
Band4	1.4	20175	3	#Mid	QAM16	20.54	-7.31	13.23	30	PASS
Band4	1.4	20175	3	#Max	QAM16	20.3	-7.31	12.99	30	PASS
Band4	1.4	20175	6	#0	QAM16	19.47	-7.31	12.16	30	PASS
Band4	1.4	20393	1	#0	QPSK	21.76	-7.31	14.45	30	PASS
Band4	1.4	20393	1	#Mid	QPSK	22.34	-7.31	15.03	30	PASS
Band4	1.4	20393	1	#Max	QPSK	21.63	-7.31	14.32	30	PASS
Band4	1.4	20393	3	#0	QPSK	22.23	-7.31	14.92	30	PASS
Band4	1.4	20393	3	#Mid	QPSK	22.38	-7.31	15.07	30	PASS
Band4	1.4	20393	3	#Max	QPSK	22.22	-7.31	14.91	30	PASS
Band4	1.4	20393	6	#0	QPSK	21.38	-7.31	14.07	30	PASS
Band4	1.4	20393	1	#0	QAM16	20.86	-7.31	13.55	30	PASS
Band4	1.4	20393	1	#Mid	QAM16	21.49	-7.31	14.18	30	PASS

Band4	1.4	20393	1	#Max	QAM16	20.73	-7.31	13.42	30	PASS
Band4	1.4	20393	3	#0	QAM16	21.55	-7.31	14.24	30	PASS
Band4	1.4	20393	3	#Mid	QAM16	21.71	-7.31	14.4	30	PASS
Band4	1.4	20393	3	#Max	QAM16	21.49	-7.31	14.18	30	PASS
Band4	1.4	20393	6	#0	QAM16	20.56	-7.31	13.25	30	PASS
Band4	3	19965	1	#0	QPSK	20.28	-7.31	12.97	30	PASS
Band4	3	19965	1	#Mid	QPSK	22.17	-7.31	14.86	30	PASS
Band4	3	19965	1	#Max	QPSK	21.11	-7.31	13.8	30	PASS
Band4	3	19965	8	#0	QPSK	20.7	-7.31	13.39	30	PASS
Band4	3	19965	8	#Mid	QPSK	21.02	-7.31	13.71	30	PASS
Band4	3	19965	8	#Max	QPSK	20.91	-7.31	13.6	30	PASS
Band4	3	19965	15	#0	QPSK	20.76	-7.31	13.45	30	PASS
Band4	3	19965	1	#0	QAM16	19.44	-7.31	12.13	30	PASS
Band4	3	19965	1	#Mid	QAM16	21.13	-7.31	13.82	30	PASS
Band4	3	19965	1	#Max	QAM16	19.95	-7.31	12.64	30	PASS
Band4	3	19965	8	#0	QAM16	19.75	-7.31	12.44	30	PASS
Band4	3	19965	8	#Mid	QAM16	20.12	-7.31	12.81	30	PASS
Band4	3	19965	8	#Max	QAM16	20.02	-7.31	12.71	30	PASS
Band4	3	19965	15	#0	QAM16	19.95	-7.31	12.64	30	PASS
Band4	3	20175	1	#0	QPSK	20.67	-7.31	13.36	30	PASS
Band4	3	20175	1	#Mid	QPSK	21.77	-7.31	14.46	30	PASS
Band4	3	20175	1	#Max	QPSK	20.29	-7.31	12.98	30	PASS
Band4	3	20175	8	#0	QPSK	20.65	-7.31	13.34	30	PASS
Band4	3	20175	8	#Mid	QPSK	20.8	-7.31	13.49	30	PASS
Band4	3	20175	8	#Max	QPSK	20.49	-7.31	13.18	30	PASS
Band4	3	20175	15	#0	QPSK	20.51	-7.31	13.2	30	PASS
Band4	3	20175	1	#0	QAM16	20.12	-7.31	12.81	30	PASS
Band4	3	20175	1	#Mid	QAM16	21.26	-7.31	13.95	30	PASS
Band4	3	20175	1	#Max	QAM16	19.77	-7.31	12.46	30	PASS
Band4	3	20175	8	#0	QAM16	19.87	-7.31	12.56	30	PASS
Band4	3	20175	8	#Mid	QAM16	20.01	-7.31	12.7	30	PASS
Band4	3	20175	8	#Max	QAM16	19.68	-7.31	12.37	30	PASS
Band4	3	20175	15	#0	QAM16	19.75	-7.31	12.44	30	PASS
Band4	3	20385	1	#0	QPSK	21.46	-7.31	14.15	30	PASS
Band4	3	20385	1	#Mid	QPSK	22.76	-7.31	15.45	30	PASS
Band4	3	20385	1	#Max	QPSK	21.29	-7.31	13.98	30	PASS
Band4	3	20385	8	#0	QPSK	21.56	-7.31	14.25	30	PASS
Band4	3	20385	8	#Mid	QPSK	21.78	-7.31	14.47	30	PASS
Band4	3	20385	8	#Max	QPSK	21.52	-7.31	14.21	30	PASS
Band4	3	20385	15	#0	QPSK	21.54	-7.31	14.23	30	PASS
Band4	3	20385	1	#0	QAM16	20.67	-7.31	13.36	30	PASS
Band4	3	20385	1	#Mid	QAM16	22.05	-7.31	14.74	30	PASS
Band4	3	20385	1	#Max	QAM16	20.55	-7.31	13.24	30	PASS
Band4	3	20385	8	#0	QAM16	20.64	-7.31	13.33	30	PASS

Band4	3	20385	8	#Mid	QAM16	20.83	-7.31	13.52	30	PASS
Band4	3	20385	8	#Max	QAM16	20.53	-7.31	13.22	30	PASS
Band4	3	20385	15	#0	QAM16	20.52	-7.31	13.21	30	PASS
Band4	5	19975	1	#0	QPSK	20.44	-7.31	13.13	30	PASS
Band4	5	19975	1	#Mid	QPSK	21.74	-7.31	14.43	30	PASS
Band4	5	19975	1	#Max	QPSK	21.3	-7.31	13.99	30	PASS
Band4	5	19975	12	#0	QPSK	20.69	-7.31	13.38	30	PASS
Band4	5	19975	12	#Mid	QPSK	20.95	-7.31	13.64	30	PASS
Band4	5	19975	12	#Max	QPSK	21.18	-7.31	13.87	30	PASS
Band4	5	19975	25	#0	QPSK	20.93	-7.31	13.62	30	PASS
Band4	5	19975	1	#0	QAM16	20.01	-7.31	12.7	30	PASS
Band4	5	19975	1	#Mid	QAM16	21.3	-7.31	13.99	30	PASS
Band4	5	19975	1	#Max	QAM16	20.78	-7.31	13.47	30	PASS
Band4	5	19975	12	#0	QAM16	19.76	-7.31	12.45	30	PASS
Band4	5	19975	12	#Mid	QAM16	20.04	-7.31	12.73	30	PASS
Band4	5	19975	12	#Max	QAM16	20.25	-7.31	12.94	30	PASS
Band4	5	19975	25	#0	QAM16	19.99	-7.31	12.68	30	PASS
Band4	5	20175	1	#0	QPSK	20.69	-7.31	13.38	30	PASS
Band4	5	20175	1	#Mid	QPSK	21.12	-7.31	13.81	30	PASS
Band4	5	20175	1	#Max	QPSK	20.12	-7.31	12.81	30	PASS
Band4	5	20175	12	#0	QPSK	20.53	-7.31	13.22	30	PASS
Band4	5	20175	12	#Mid	QPSK	20.39	-7.31	13.08	30	PASS
Band4	5	20175	12	#Max	QPSK	20.22	-7.31	12.91	30	PASS
Band4	5	20175	25	#0	QPSK	20.36	-7.31	13.05	30	PASS
Band4	5	20175	1	#0	QAM16	20.01	-7.31	12.7	30	PASS
Band4	5	20175	1	#Mid	QAM16	20.52	-7.31	13.21	30	PASS
Band4	5	20175	1	#Max	QAM16	19.63	-7.31	12.32	30	PASS
Band4	5	20175	12	#0	QAM16	19.73	-7.31	12.42	30	PASS
Band4	5	20175	12	#Mid	QAM16	19.61	-7.31	12.3	30	PASS
Band4	5	20175	12	#Max	QAM16	19.45	-7.31	12.14	30	PASS
Band4	5	20175	25	#0	QAM16	19.63	-7.31	12.32	30	PASS
Band4	5	20375	1	#0	QPSK	21.2	-7.31	13.89	30	PASS
Band4	5	20375	1	#Mid	QPSK	22.16	-7.31	14.85	30	PASS
Band4	5	20375	1	#Max	QPSK	21.29	-7.31	13.98	30	PASS
Band4	5	20375	12	#0	QPSK	21.43	-7.31	14.12	30	PASS
Band4	5	20375	12	#Mid	QPSK	21.51	-7.31	14.2	30	PASS
Band4	5	20375	12	#Max	QPSK	21.48	-7.31	14.17	30	PASS
Band4	5	20375	25	#0	QPSK	21.46	-7.31	14.15	30	PASS
Band4	5	20375	1	#0	QAM16	20.88	-7.31	13.57	30	PASS
Band4	5	20375	1	#Mid	QAM16	21.59	-7.31	14.28	30	PASS
Band4	5	20375	1	#Max	QAM16	20.69	-7.31	13.38	30	PASS
Band4	5	20375	12	#0	QAM16	20.52	-7.31	13.21	30	PASS
Band4	5	20375	12	#Mid	QAM16	20.6	-7.31	13.29	30	PASS
Band4	5	20375	12	#Max	QAM16	20.54	-7.31	13.23	30	PASS

Band4	5	20375	25	#0	QAM16	20.46	-7.31	13.15	30	PASS
Band4	10	20000	1	#0	QPSK	20.15	-7.31	12.84	30	PASS
Band4	10	20000	1	#Mid	QPSK	22.09	-7.31	14.78	30	PASS
Band4	10	20000	1	#Max	QPSK	20.99	-7.31	13.68	30	PASS
Band4	10	20000	25	#0	QPSK	20.87	-7.31	13.56	30	PASS
Band4	10	20000	25	#Mid	QPSK	21.38	-7.31	14.07	30	PASS
Band4	10	20000	25	#Max	QPSK	21.42	-7.31	14.11	30	PASS
Band4	10	20000	50	#0	QPSK	21.2	-7.31	13.89	30	PASS
Band4	10	20000	1	#0	QAM16	19.78	-7.31	12.47	30	PASS
Band4	10	20000	1	#Mid	QAM16	21.65	-7.31	14.34	30	PASS
Band4	10	20000	1	#Max	QAM16	20.54	-7.31	13.23	30	PASS
Band4	10	20000	25	#0	QAM16	20.06	-7.31	12.75	30	PASS
Band4	10	20000	25	#Mid	QAM16	20.46	-7.31	13.15	30	PASS
Band4	10	20000	25	#Max	QAM16	20.49	-7.31	13.18	30	PASS
Band4	10	20175	1	#0	QPSK	21.05	-7.31	13.74	30	PASS
Band4	10	20175	1	#Mid	QPSK	21.21	-7.31	13.9	30	PASS
Band4	10	20175	1	#Max	QPSK	19.9	-7.31	12.59	30	PASS
Band4	10	20175	25	#0	QPSK	20.74	-7.31	13.43	30	PASS
Band4	10	20175	25	#Mid	QPSK	20.47	-7.31	13.16	30	PASS
Band4	10	20175	25	#Max	QPSK	20.17	-7.31	12.86	30	PASS
Band4	10	20175	50	#0	QPSK	20.45	-7.31	13.14	30	PASS
Band4	10	20175	1	#0	QAM16	20.18	-7.31	12.87	30	PASS
Band4	10	20175	1	#Mid	QAM16	20.46	-7.31	13.15	30	PASS
Band4	10	20175	1	#Max	QAM16	19.13	-7.31	11.82	30	PASS
Band4	10	20175	25	#0	QAM16	19.86	-7.31	12.55	30	PASS
Band4	10	20175	25	#Mid	QAM16	19.62	-7.31	12.31	30	PASS
Band4	10	20175	25	#Max	QAM16	19.32	-7.31	12.01	30	PASS
Band4	10	20350	1	#0	QPSK	20.46	-7.31	13.15	30	PASS
Band4	10	20350	1	#Mid	QPSK	22.29	-7.31	14.98	30	PASS
Band4	10	20350	1	#Max	QPSK	21.49	-7.31	14.18	30	PASS
Band4	10	20350	25	#0	QPSK	21.09	-7.31	13.78	30	PASS
Band4	10	20350	25	#Mid	QPSK	21.48	-7.31	14.17	30	PASS
Band4	10	20350	25	#Max	QPSK	21.58	-7.31	14.27	30	PASS
Band4	10	20350	50	#0	QPSK	21.36	-7.31	14.05	30	PASS
Band4	10	20350	1	#0	QAM16	19.5	-7.31	12.19	30	PASS
Band4	10	20350	1	#Mid	QAM16	21.22	-7.31	13.91	30	PASS
Band4	10	20350	1	#Max	QAM16	20.32	-7.31	13.01	30	PASS
Band4	10	20350	25	#0	QAM16	20.19	-7.31	12.88	30	PASS
Band4	10	20350	25	#Mid	QAM16	20.57	-7.31	13.26	30	PASS
Band4	10	20350	25	#Max	QAM16	20.66	-7.31	13.35	30	PASS
Band4	15	20025	1	#0	QPSK	20.59	-7.31	13.28	30	PASS
Band4	15	20025	1	#Mid	QPSK	21.98	-7.31	14.67	30	PASS
Band4	15	20025	1	#Max	QPSK	20.21	-7.31	12.9	30	PASS
Band4	15	20025	36	#0	QPSK	20.85	-7.31	13.54	30	PASS

Band4	15	20025	36	#Mid	QPSK	21.19	-7.31	13.88	30	PASS
Band4	15	20025	36	#Max	QPSK	20.63	-7.31	13.32	30	PASS
Band4	15	20025	75	#0	QPSK	20.77	-7.31	13.46	30	PASS
Band4	15	20025	1	#0	QAM16	20.06	-7.31	12.75	30	PASS
Band4	15	20025	1	#Mid	QAM16	21.4	-7.31	14.09	30	PASS
Band4	15	20025	1	#Max	QAM16	19.68	-7.31	12.37	30	PASS
Band4	15	20025	36	#0	QAM16	19.94	-7.31	12.63	30	PASS
Band4	15	20025	36	#Mid	QAM16	20.28	-7.31	12.97	30	PASS
Band4	15	20025	36	#Max	QAM16	19.68	-7.31	12.37	30	PASS
Band4	15	20175	1	#0	QPSK	22.46	-7.31	15.15	30	PASS
Band4	15	20175	1	#Mid	QPSK	21.52	-7.31	14.21	30	PASS
Band4	15	20175	1	#Max	QPSK	20.68	-7.31	13.37	30	PASS
Band4	15	20175	36	#0	QPSK	21.17	-7.31	13.86	30	PASS
Band4	15	20175	36	#Mid	QPSK	20.83	-7.31	13.52	30	PASS
Band4	15	20175	36	#Max	QPSK	20.34	-7.31	13.03	30	PASS
Band4	15	20175	75	#0	QPSK	20.74	-7.31	13.43	30	PASS
Band4	15	20175	1	#0	QAM16	21.38	-7.31	14.07	30	PASS
Band4	15	20175	1	#Mid	QAM16	20.54	-7.31	13.23	30	PASS
Band4	15	20175	1	#Max	QAM16	19.77	-7.31	12.46	30	PASS
Band4	15	20175	36	#0	QAM16	20.18	-7.31	12.87	30	PASS
Band4	15	20175	36	#Mid	QAM16	19.79	-7.31	12.48	30	PASS
Band4	15	20175	36	#Max	QAM16	19.31	-7.31	12	30	PASS
Band4	15	20325	1	#0	QPSK	20.89	-7.31	13.58	30	PASS
Band4	15	20325	1	#Mid	QPSK	22.26	-7.31	14.95	30	PASS
Band4	15	20325	1	#Max	QPSK	22.29	-7.31	14.98	30	PASS
Band4	15	20325	36	#0	QPSK	20.84	-7.31	13.53	30	PASS
Band4	15	20325	36	#Mid	QPSK	21.52	-7.31	14.21	30	PASS
Band4	15	20325	36	#Max	QPSK	21.79	-7.31	14.48	30	PASS
Band4	15	20325	75	#0	QPSK	21.34	-7.31	14.03	30	PASS
Band4	15	20325	1	#0	QAM16	19.99	-7.31	12.68	30	PASS
Band4	15	20325	1	#Mid	QAM16	21.36	-7.31	14.05	30	PASS
Band4	15	20325	1	#Max	QAM16	21.4	-7.31	14.09	30	PASS
Band4	15	20325	36	#0	QAM16	19.83	-7.31	12.52	30	PASS
Band4	15	20325	36	#Mid	QAM16	20.51	-7.31	13.2	30	PASS
Band4	15	20325	36	#Max	QAM16	20.78	-7.31	13.47	30	PASS
Band4	20	20050	1	#0	QPSK	20.49	-7.31	13.18	30	PASS
Band4	20	20050	1	#Mid	QPSK	22.3	-7.31	14.99	30	PASS
Band4	20	20050	1	#Max	QPSK	19.06	-7.31	11.75	30	PASS
Band4	20	20050	50	#0	QPSK	21.07	-7.31	13.76	30	PASS
Band4	20	20050	50	#Mid	QPSK	21.09	-7.31	13.78	30	PASS
Band4	20	20050	50	#Max	QPSK	19.97	-7.31	12.66	30	PASS
Band4	20	20050	100	#0	QPSK	20.59	-7.31	13.28	30	PASS
Band4	20	20050	1	#0	QAM16	19.76	-7.31	12.45	30	PASS
Band4	20	20050	1	#Mid	QAM16	21.51	-7.31	14.2	30	PASS

Band4	20	20050	1	#Max	QAM16	18.3	-7.31	10.99	30	PASS
Band4	20	20050	50	#0	QAM16	20.11	-7.31	12.8	30	PASS
Band4	20	20050	50	#Mid	QAM16	20.15	-7.31	12.84	30	PASS
Band4	20	20050	50	#Max	QAM16	19.02	-7.31	11.71	30	PASS
Band4	20	20175	1	#0	QPSK	22.44	-7.31	15.13	30	PASS
Band4	20	20175	1	#Mid	QPSK	21.67	-7.31	14.36	30	PASS
Band4	20	20175	1	#Max	QPSK	20.37	-7.31	13.06	30	PASS
Band4	20	20175	50	#0	QPSK	21.26	-7.31	13.95	30	PASS
Band4	20	20175	50	#Mid	QPSK	20.79	-7.31	13.48	30	PASS
Band4	20	20175	50	#Max	QPSK	20.22	-7.31	12.91	30	PASS
Band4	20	20175	100	#0	QPSK	20.74	-7.31	13.43	30	PASS
Band4	20	20175	1	#0	QAM16	21.58	-7.31	14.27	30	PASS
Band4	20	20175	1	#Mid	QAM16	20.73	-7.31	13.42	30	PASS
Band4	20	20175	1	#Max	QAM16	19.62	-7.31	12.31	30	PASS
Band4	20	20175	50	#0	QAM16	20.31	-7.31	13	30	PASS
Band4	20	20175	50	#Mid	QAM16	19.82	-7.31	12.51	30	PASS
Band4	20	20175	50	#Max	QAM16	19.25	-7.31	11.94	30	PASS
Band4	20	20300	1	#0	QPSK	20.56	-7.31	13.25	30	PASS
Band4	20	20300	1	#Mid	QPSK	22.11	-7.31	14.8	30	PASS
Band4	20	20300	1	#Max	QPSK	22.02	-7.31	14.71	30	PASS
Band4	20	20300	50	#0	QPSK	20.55	-7.31	13.24	30	PASS
Band4	20	20300	50	#Mid	QPSK	21.34	-7.31	14.03	30	PASS
Band4	20	20300	50	#Max	QPSK	21.68	-7.31	14.37	30	PASS
Band4	20	20300	100	#0	QPSK	21.15	-7.31	13.84	30	PASS
Band4	20	20300	1	#0	QAM16	19.72	-7.31	12.41	30	PASS
Band4	20	20300	1	#Mid	QAM16	21.33	-7.31	14.02	30	PASS
Band4	20	20300	1	#Max	QAM16	21.28	-7.31	13.97	30	PASS
Band4	20	20300	50	#0	QAM16	19.63	-7.31	12.32	30	PASS
Band4	20	20300	50	#Mid	QAM16	20.35	-7.31	13.04	30	PASS
Band4	20	20300	50	#Max	QAM16	20.69	-7.31	13.38	30	PASS

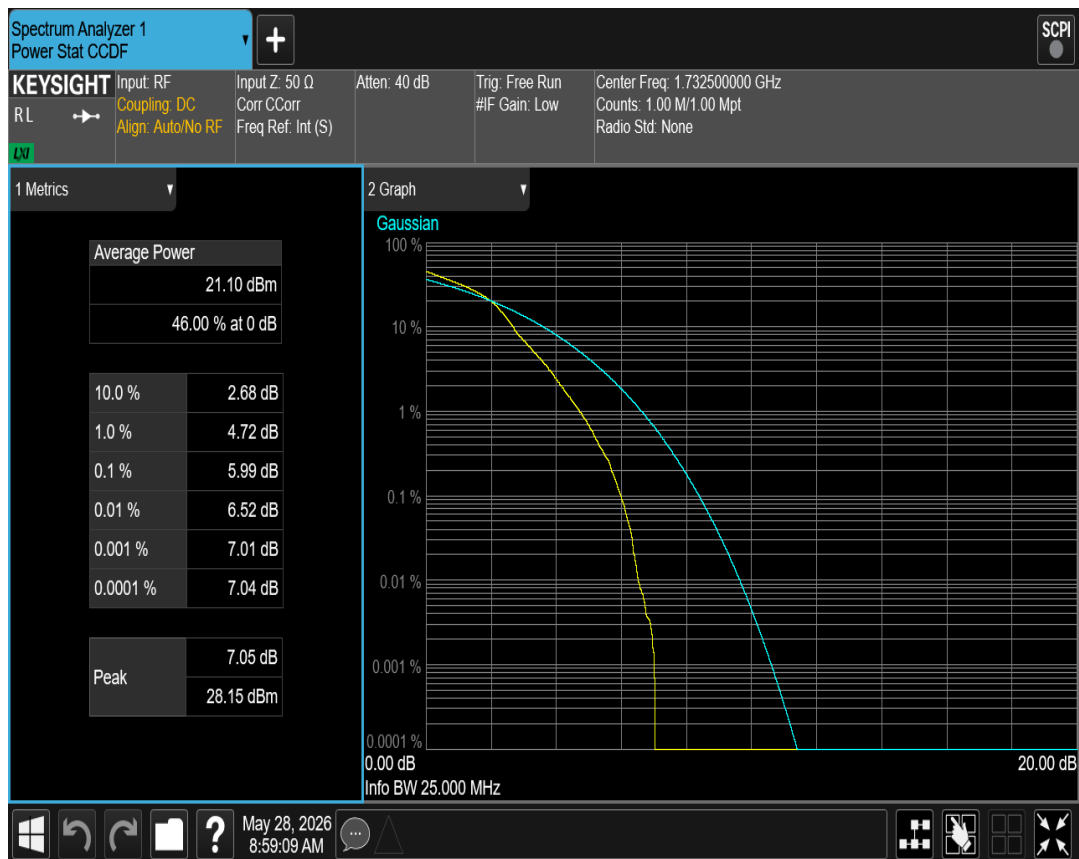
2 Frequency stability

<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result(Hz)</i>	<i>Result (ppm)</i>	<i>Low Limit (ppm)</i>	<i>high Limit (ppm)</i>	<i>Verdict</i>
Band4	20	20050	100	#0	QPSK	-5.76	-0.00335	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	-7.82	-0.00451	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	5.83	0.00334	-2.5	2.5	PASS

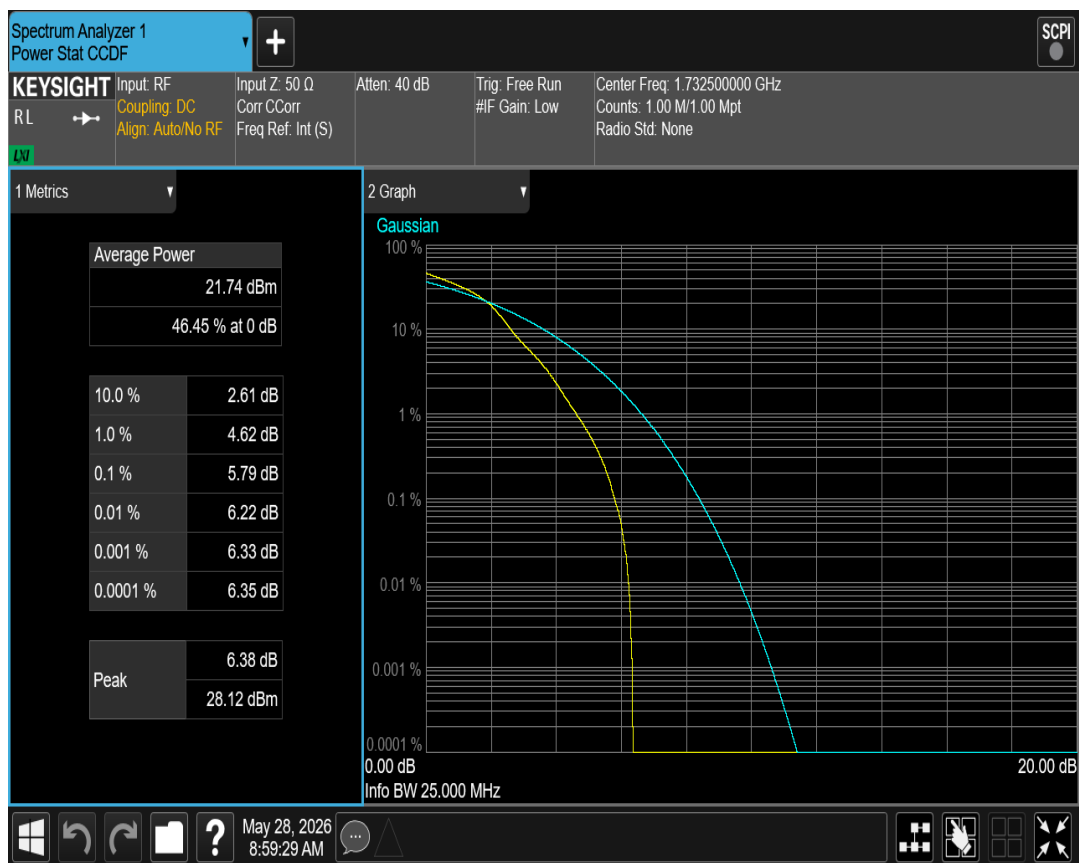
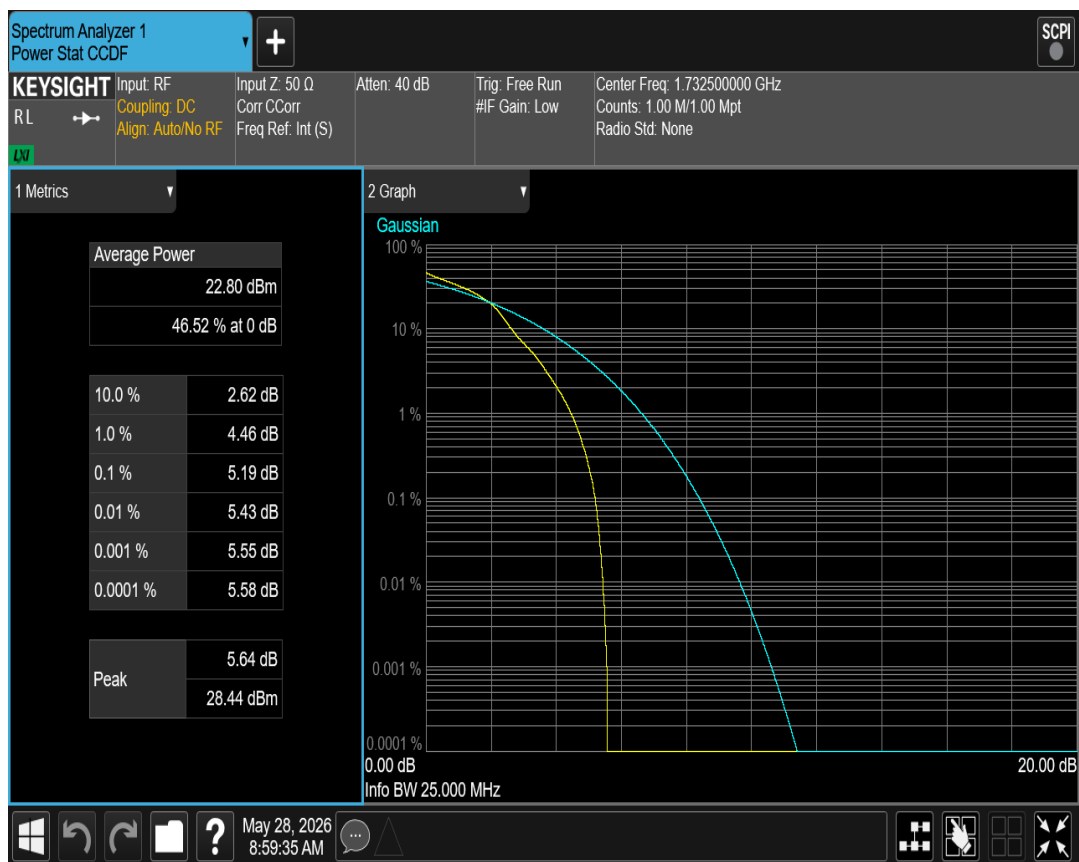
3 Peak-to-Average Ratio

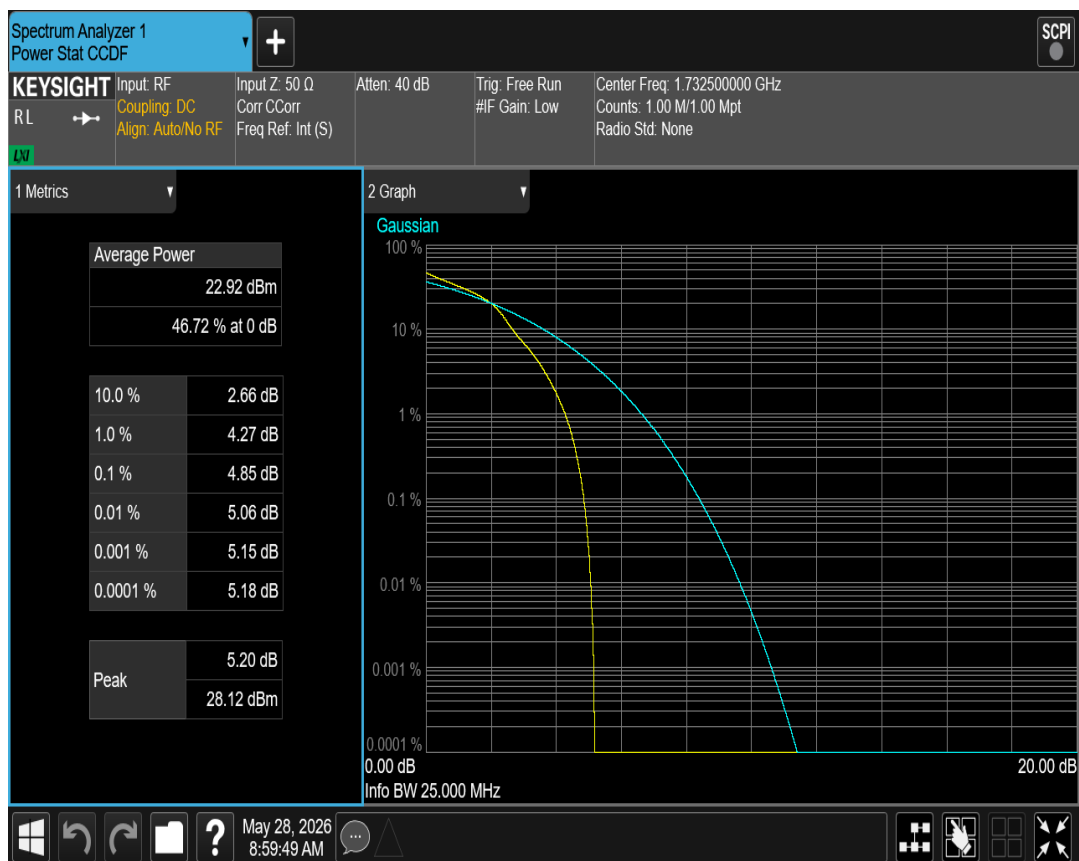
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QPSK	5.13	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.99	13	PASS
Band4	3	20175	1	#0	QPSK	5.18	13	PASS
Band4	3	20175	1	#0	QAM16	6.03	13	PASS
Band4	5	20175	1	#0	QPSK	5.34	13	PASS
Band4	5	20175	1	#0	QAM16	5.61	13	PASS
Band4	10	20175	1	#0	QPSK	4.94	13	PASS
Band4	10	20175	1	#0	QAM16	5.79	13	PASS
Band4	15	20175	1	#0	QPSK	4.36	13	PASS
Band4	15	20175	1	#0	QAM16	5.19	13	PASS
Band4	20	20175	1	#0	QPSK	4.08	13	PASS
Band4	20	20175	1	#0	QAM16	4.85	13	PASS

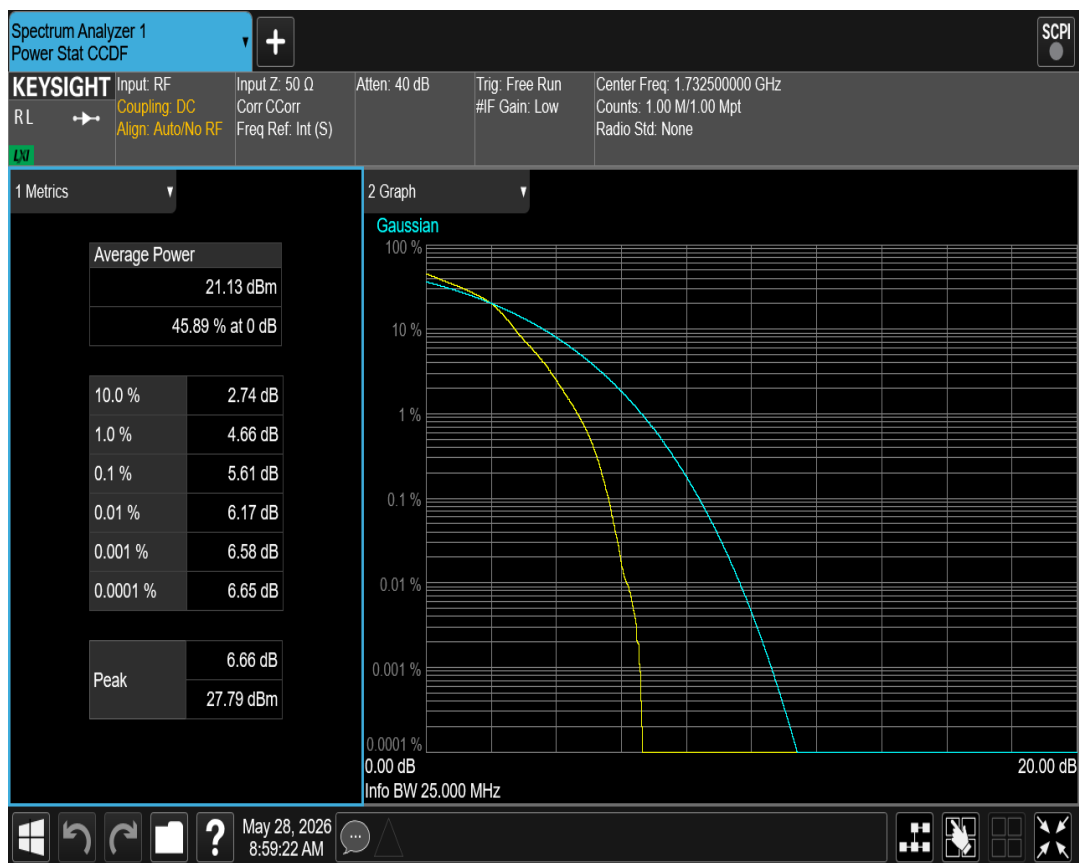
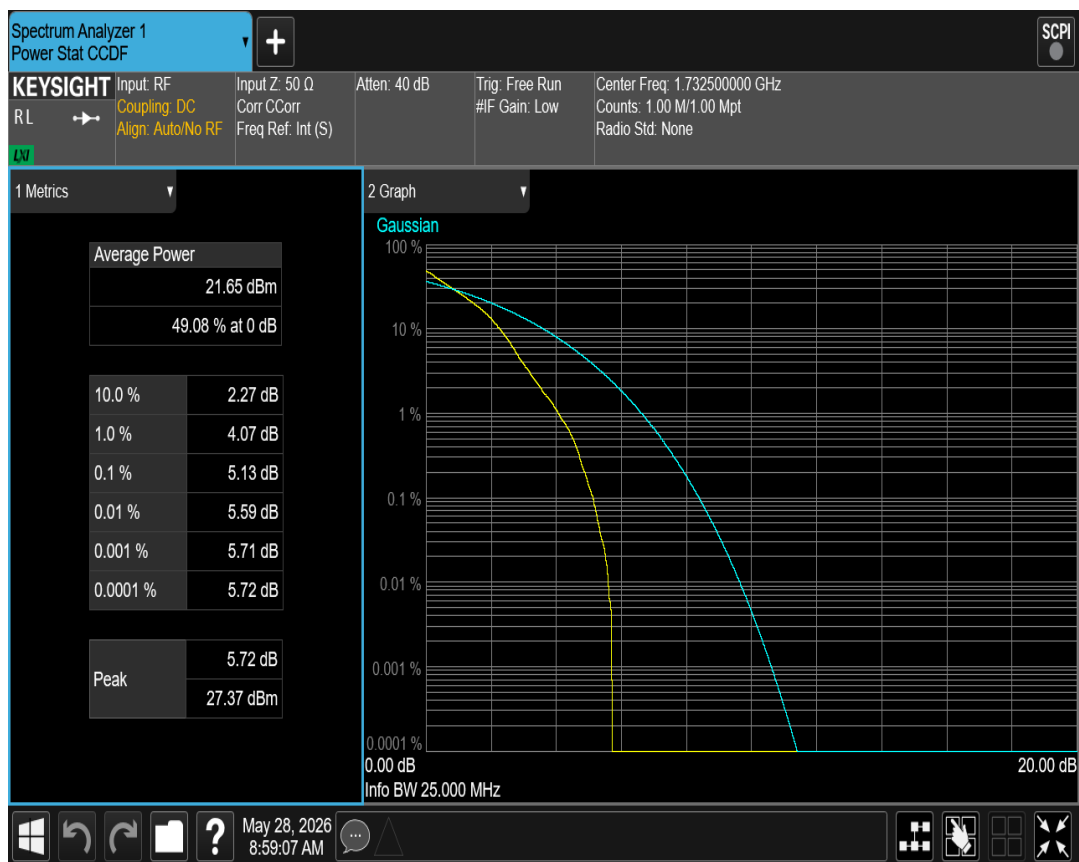
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0

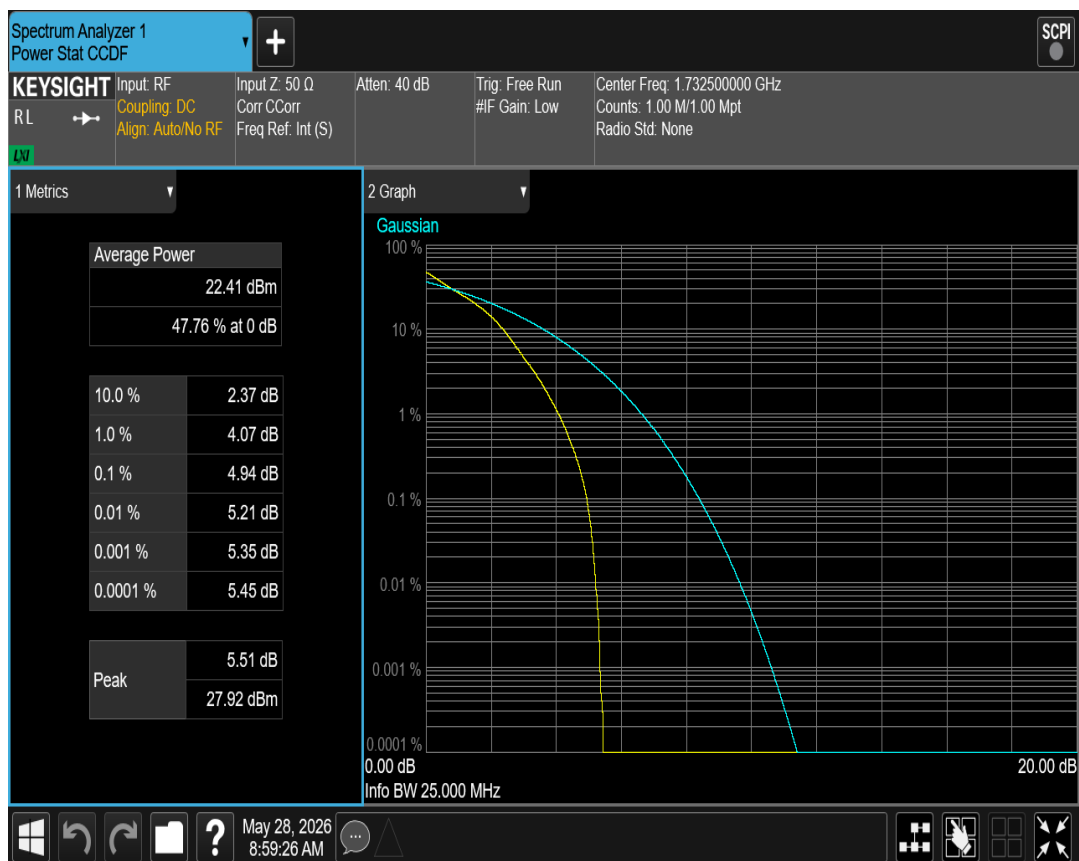


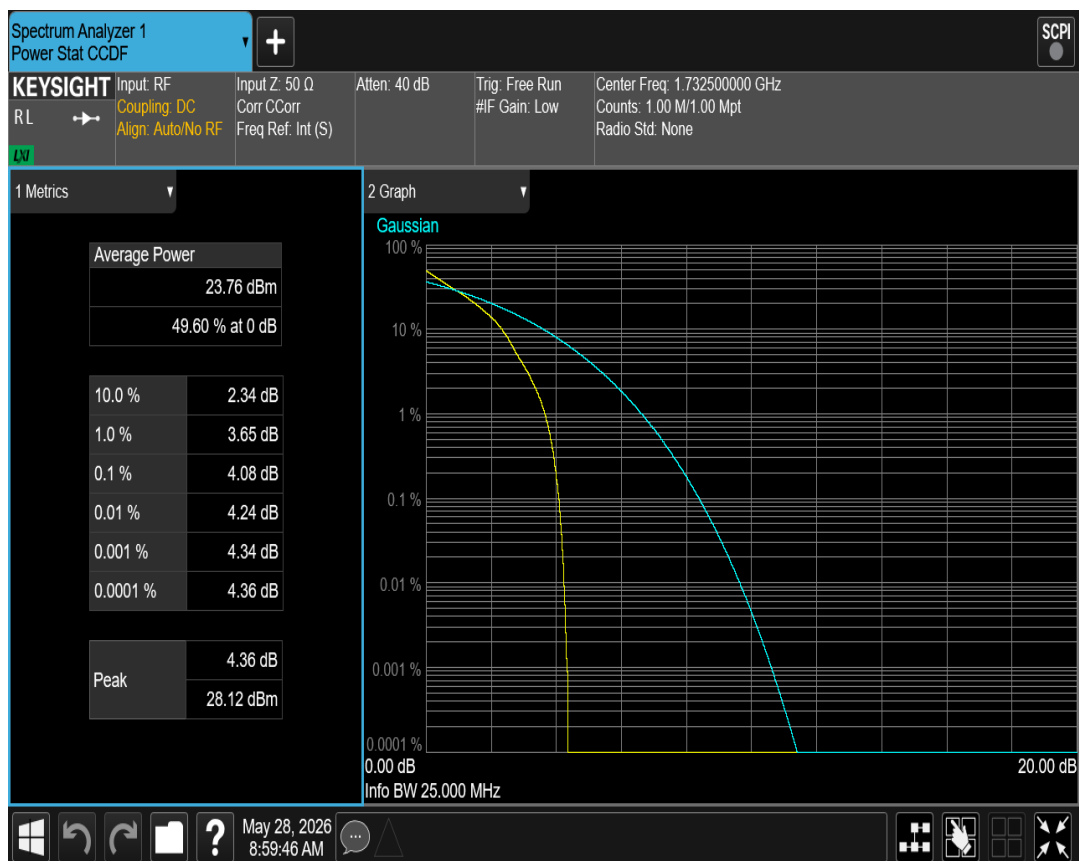
Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0

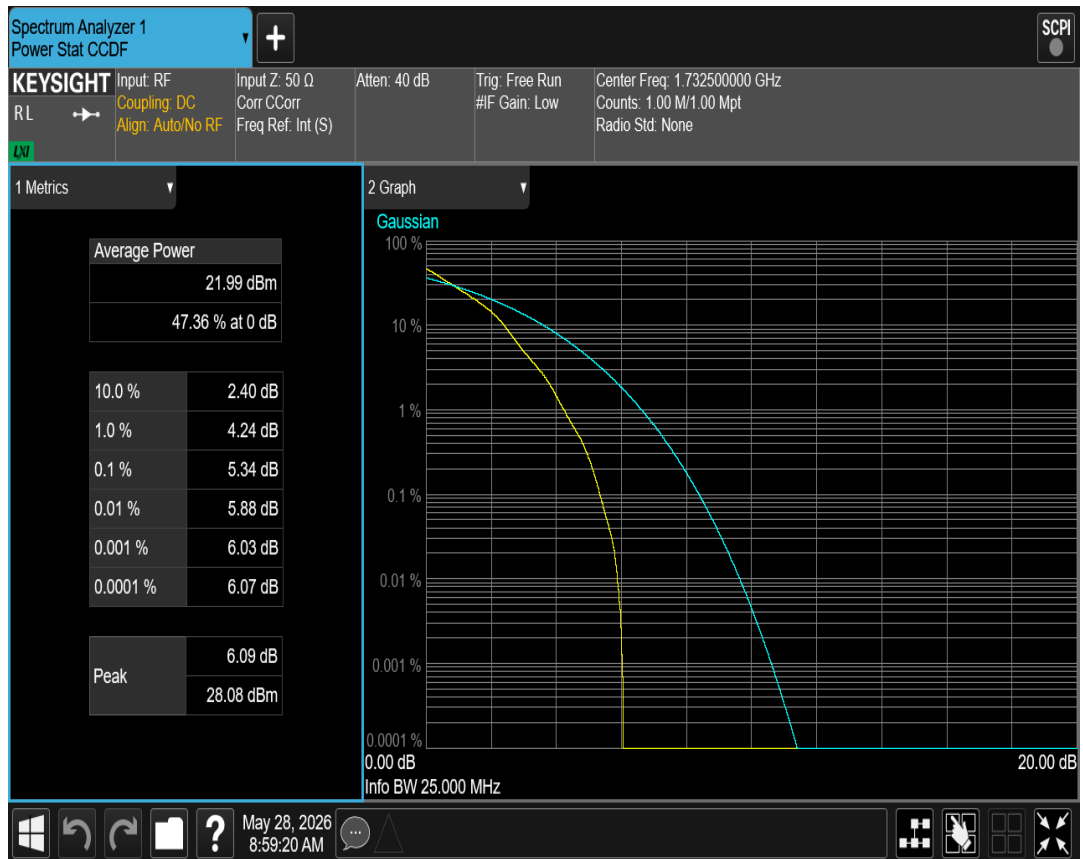
**Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0****Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0**

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

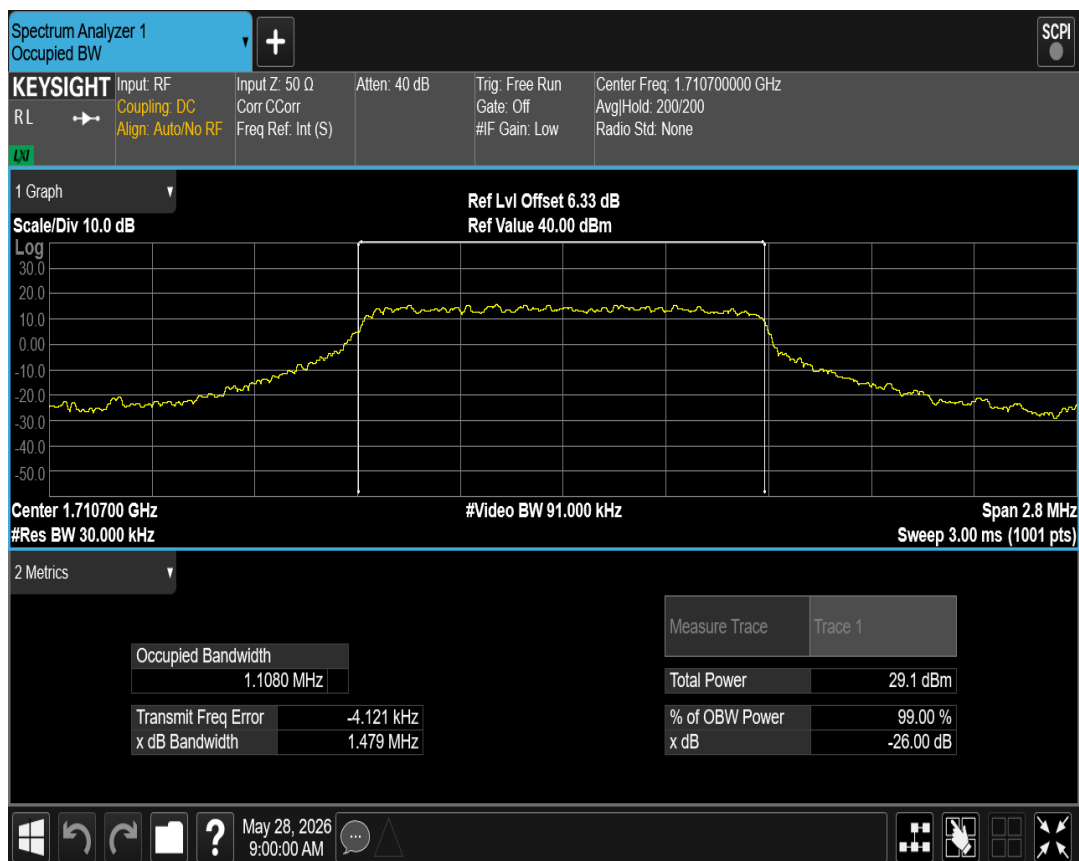
**Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0****Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0**



4 Occupied bandwidth

<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>99% OBW (MHz)</i>	<i>-26dB EBW (MHz)</i>	<i>Verdict</i>
Band4	1.4	19957	6	#0	QPSK	1.094	1.425	PASS
Band4	1.4	19957	6	#0	QAM16	1.108	1.479	PASS
Band4	1.4	20175	6	#0	QPSK	1.099	1.403	PASS
Band4	1.4	20175	6	#0	QAM16	1.104	1.483	PASS
Band4	1.4	20393	6	#0	QPSK	1.098	1.476	PASS
Band4	1.4	20393	6	#0	QAM16	1.094	1.447	PASS
Band4	3	19965	15	#0	QPSK	2.684	3.137	PASS
Band4	3	19965	15	#0	QAM16	2.682	3.203	PASS
Band4	3	20175	15	#0	QPSK	2.699	3.179	PASS
Band4	3	20175	15	#0	QAM16	2.693	3.095	PASS
Band4	3	20385	15	#0	QPSK	2.680	3.222	PASS
Band4	3	20385	15	#0	QAM16	2.696	3.288	PASS
Band4	5	19975	25	#0	QPSK	4.503	5.036	PASS
Band4	5	19975	25	#0	QAM16	4.475	5.036	PASS
Band4	5	20175	25	#0	QPSK	4.491	5.068	PASS
Band4	5	20175	25	#0	QAM16	4.488	5.060	PASS
Band4	5	20375	25	#0	QPSK	4.477	5.091	PASS
Band4	5	20375	25	#0	QAM16	4.505	5.020	PASS
Band4	10	20000	50	#0	QPSK	8.924	9.641	PASS
Band4	10	20175	50	#0	QPSK	8.930	9.647	PASS
Band4	10	20350	50	#0	QPSK	8.912	9.650	PASS
Band4	15	20025	75	#0	QPSK	13.445	15.604	PASS
Band4	15	20175	75	#0	QPSK	13.573	16.743	PASS
Band4	15	20325	75	#0	QPSK	13.518	15.784	PASS
Band4	20	20050	100	#0	QPSK	17.892	20.282	PASS
Band4	20	20175	100	#0	QPSK	18.050	20.371	PASS
Band4	20	20300	100	#0	QPSK	17.953	20.585	PASS

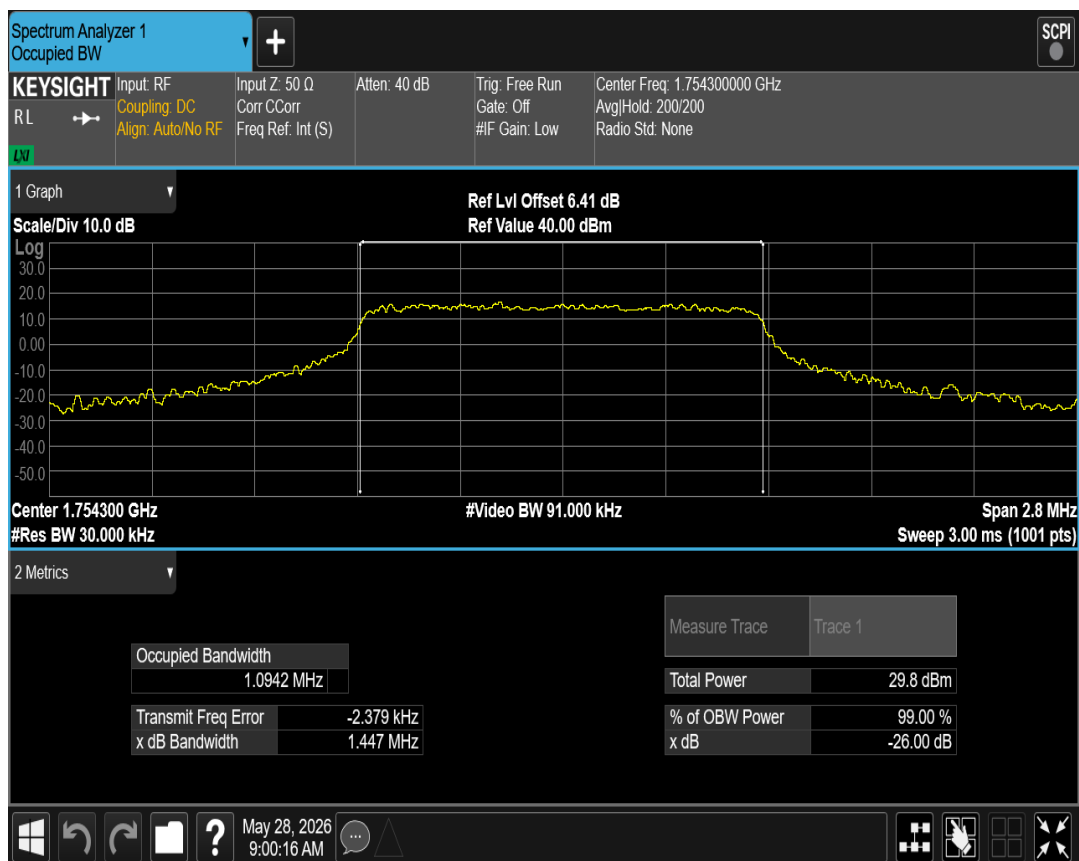
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



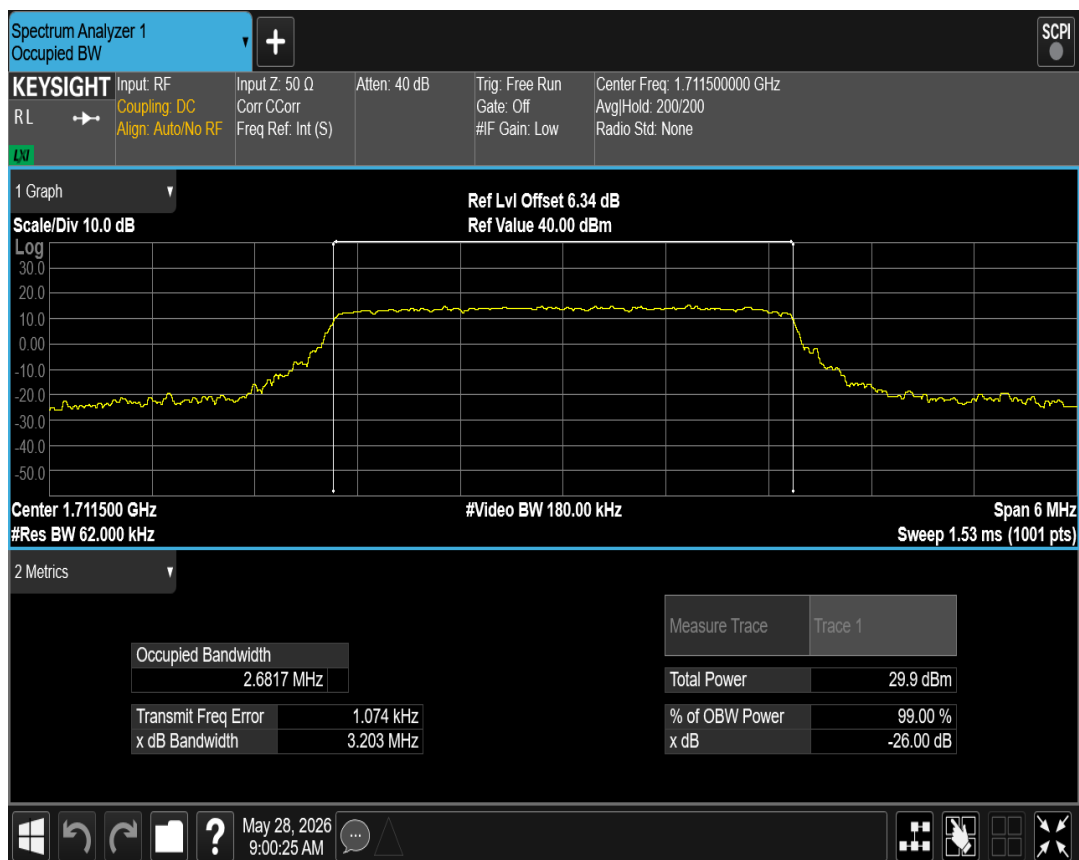
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



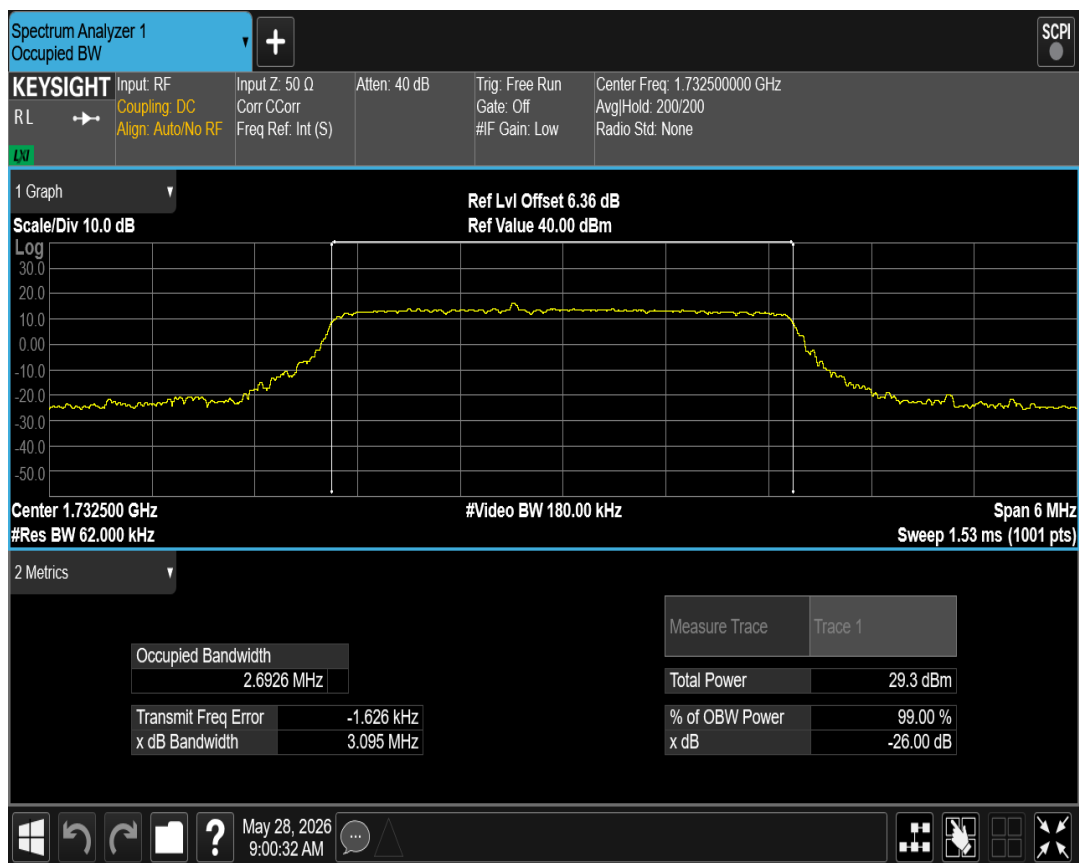
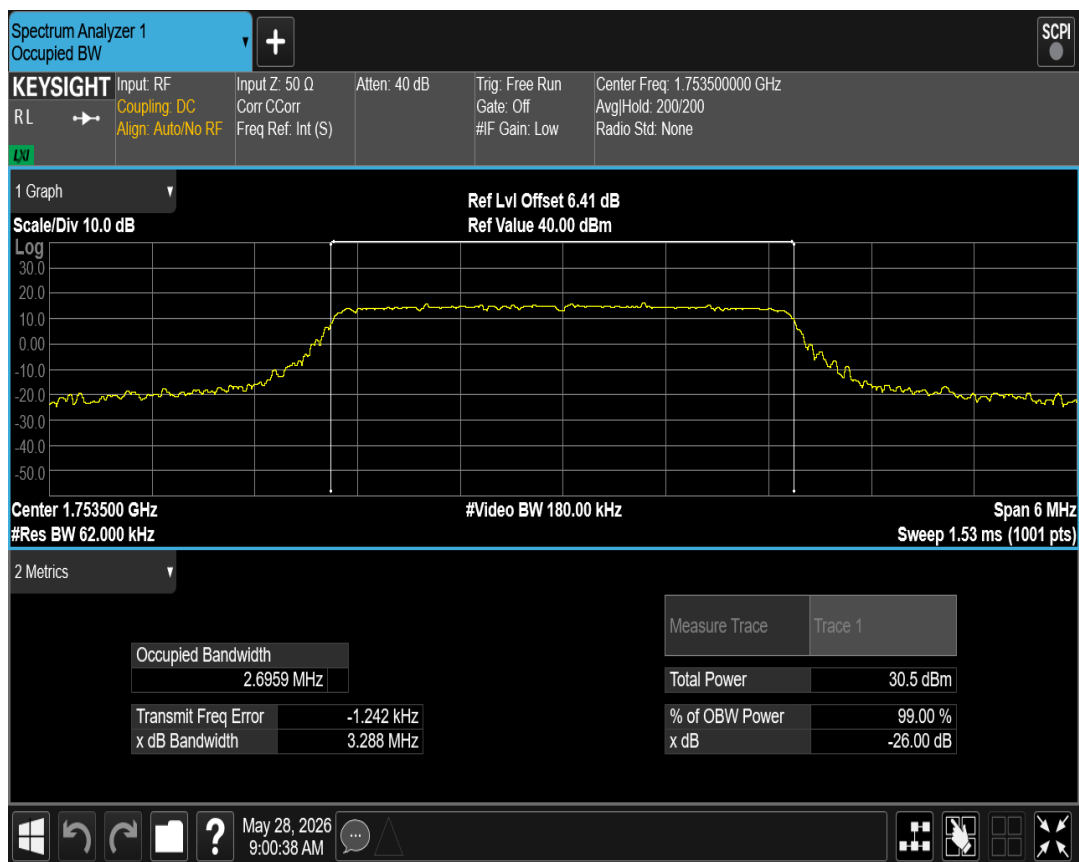
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0

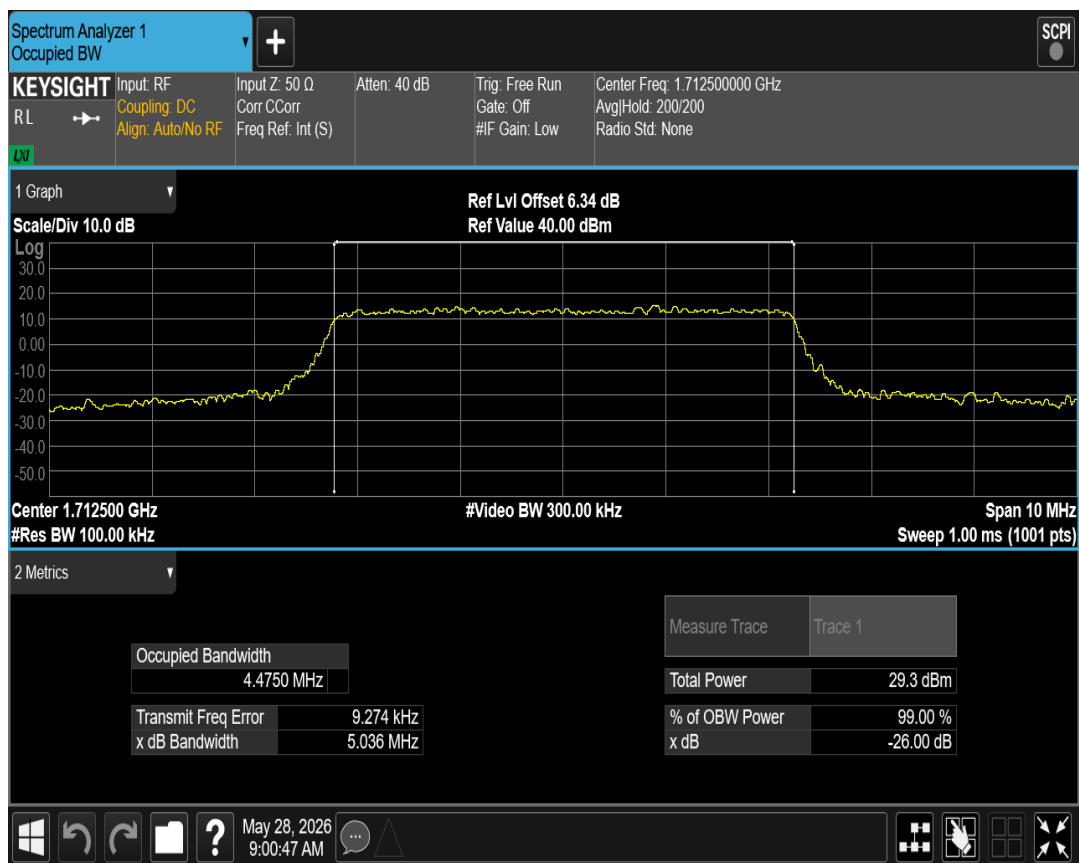


Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0

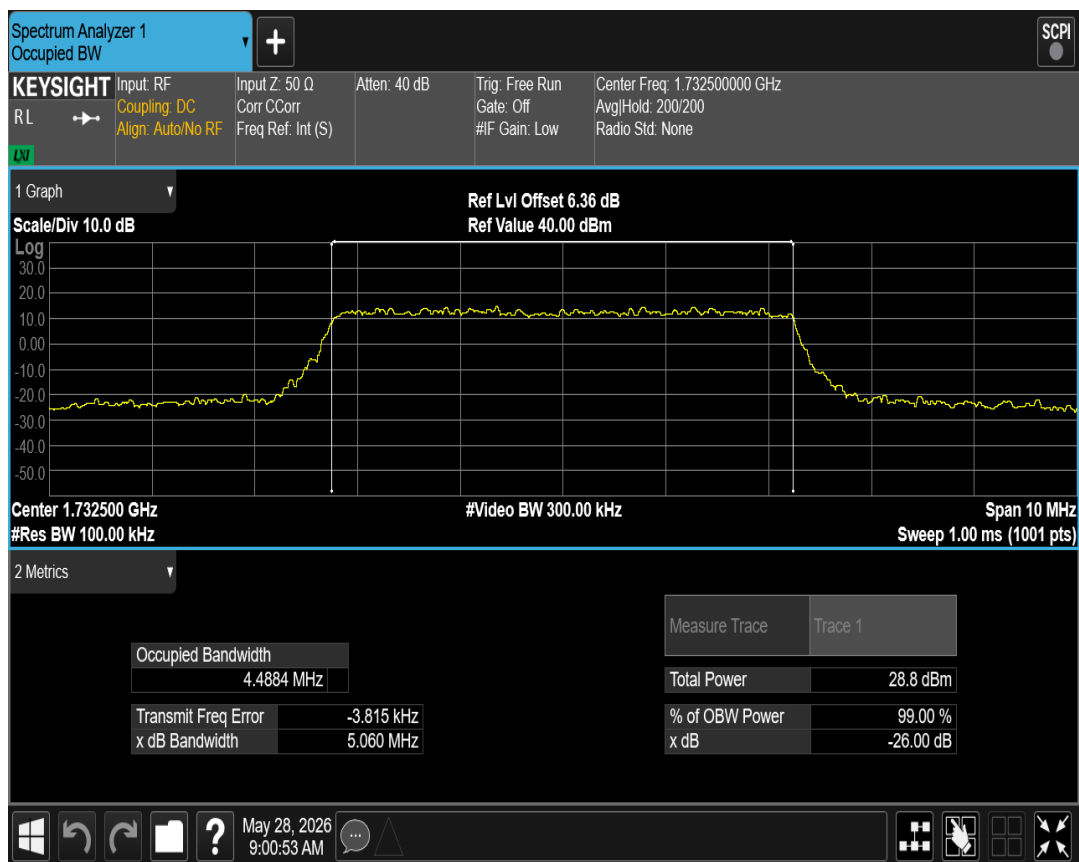


Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0

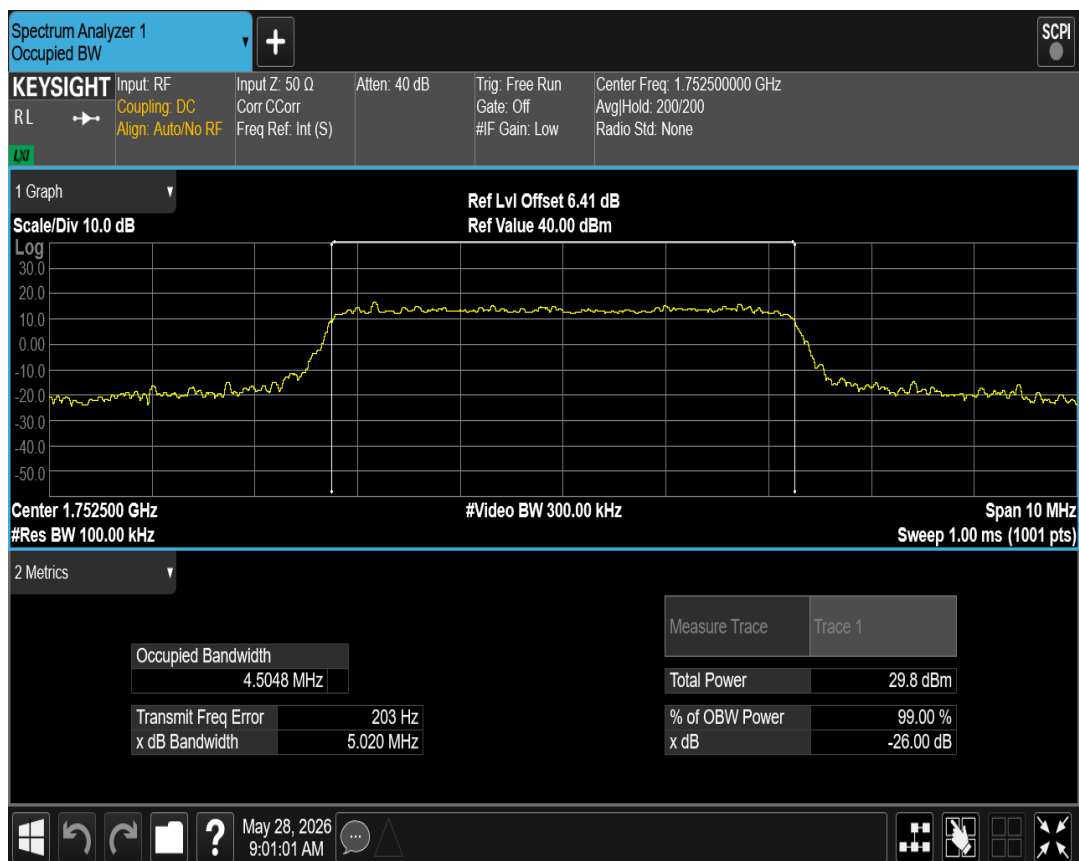
**Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0****Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0**



Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



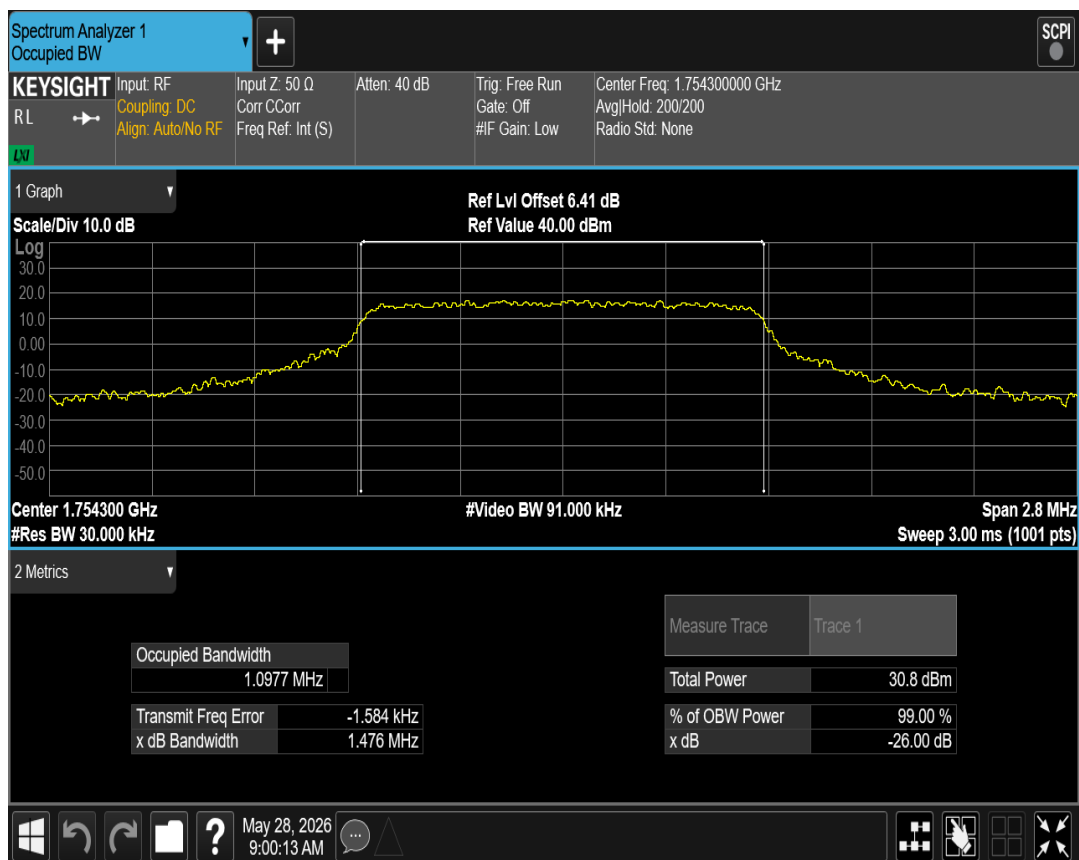
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



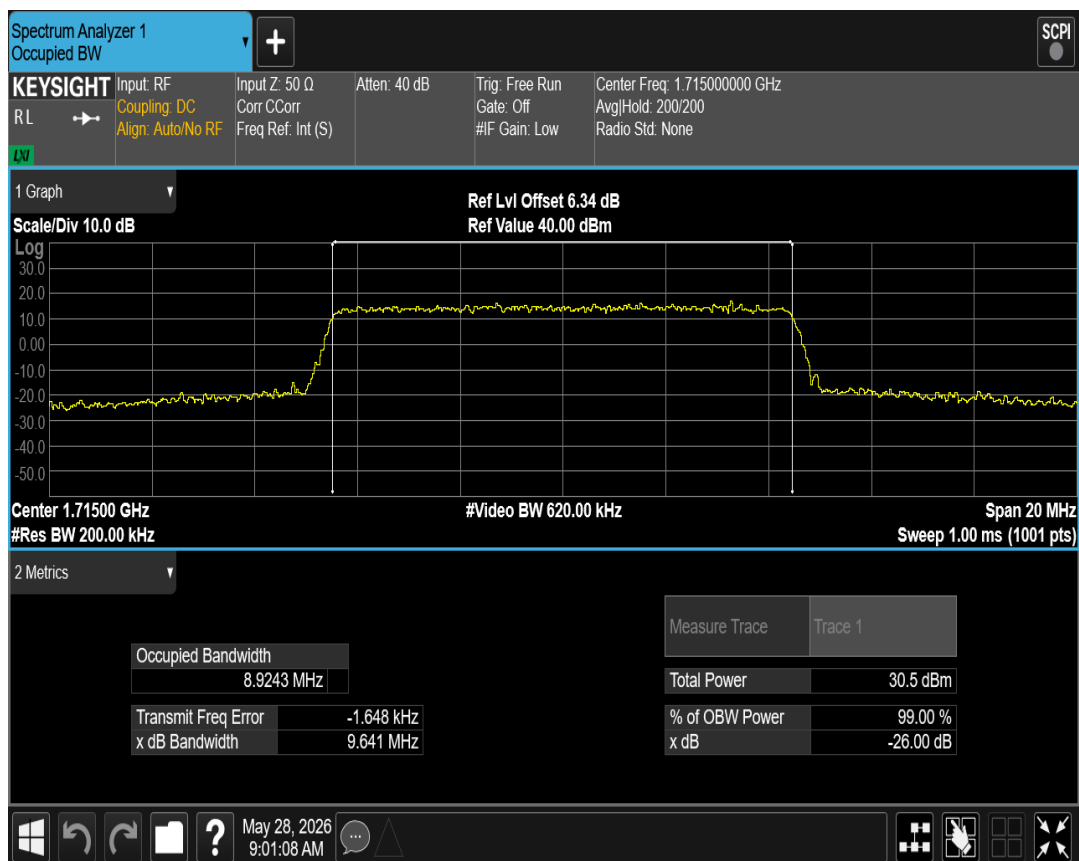
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



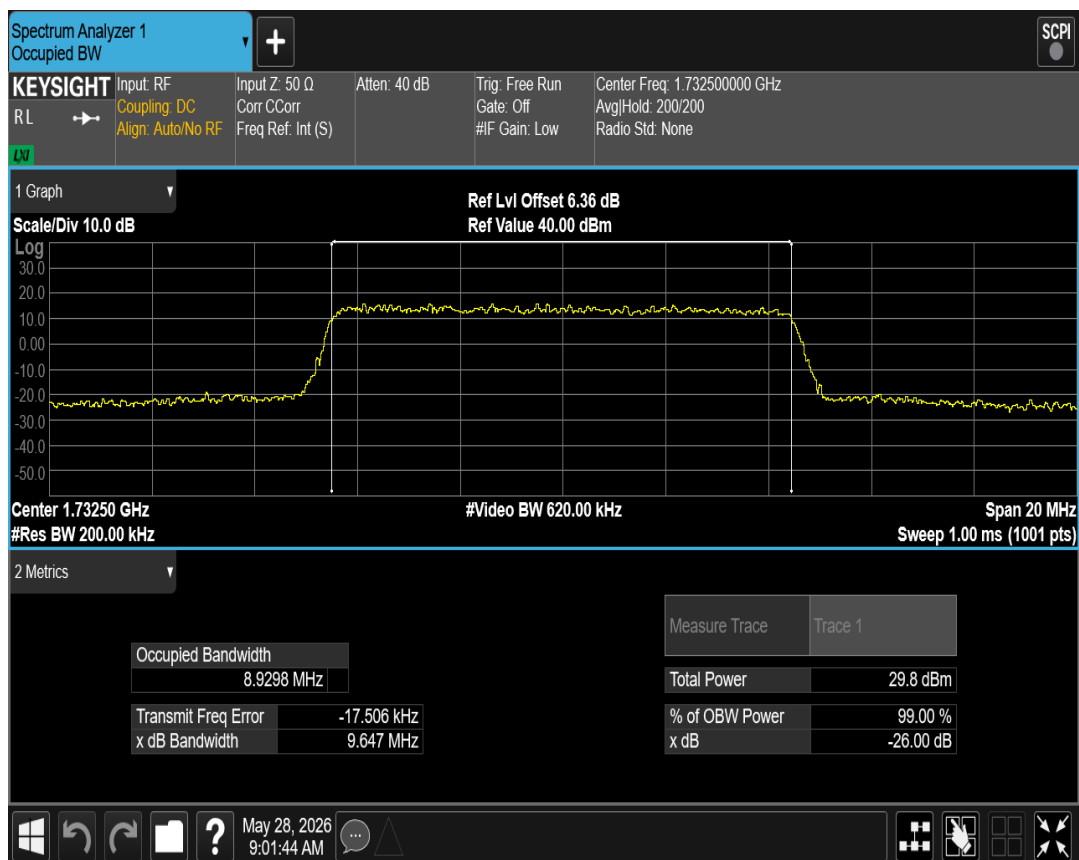
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



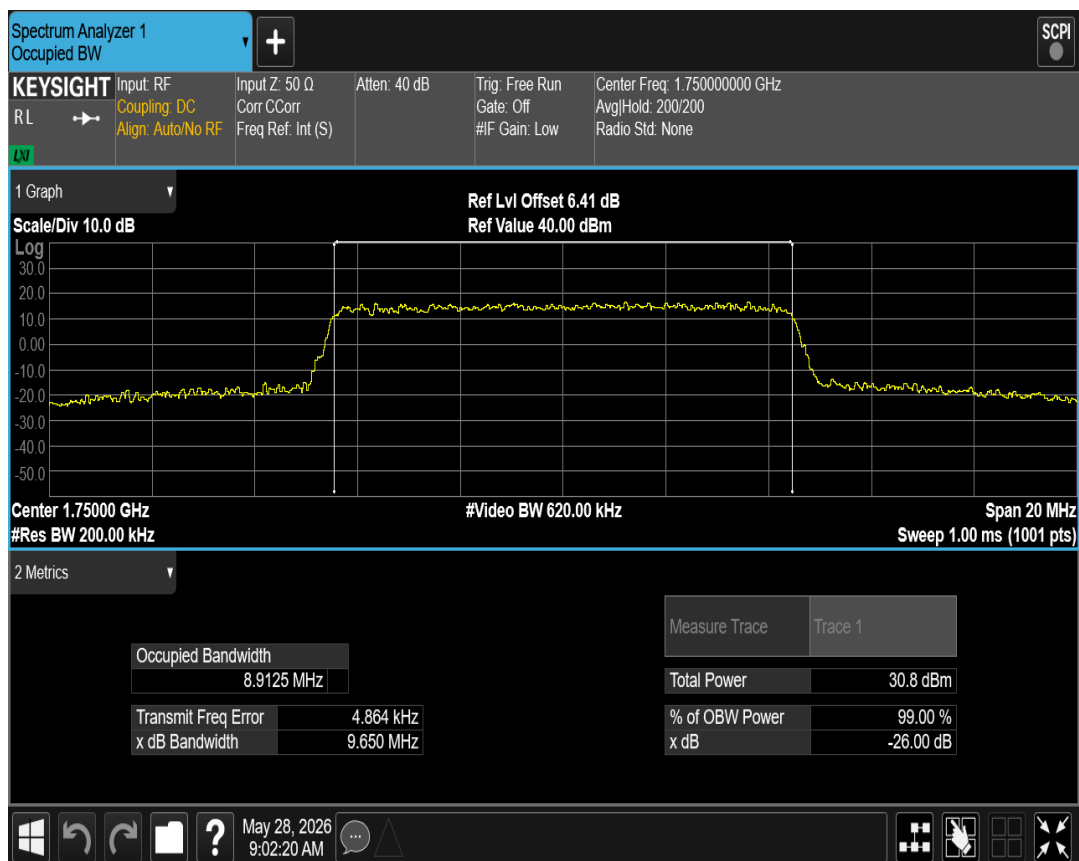
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



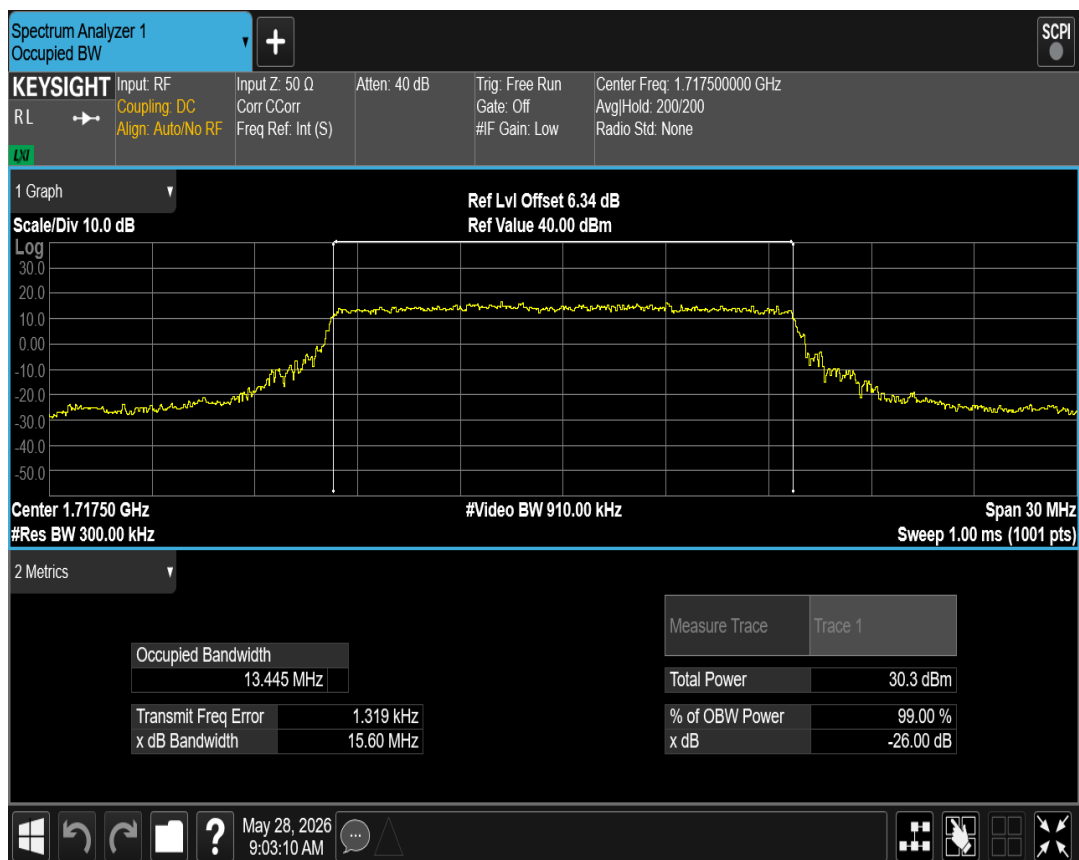
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



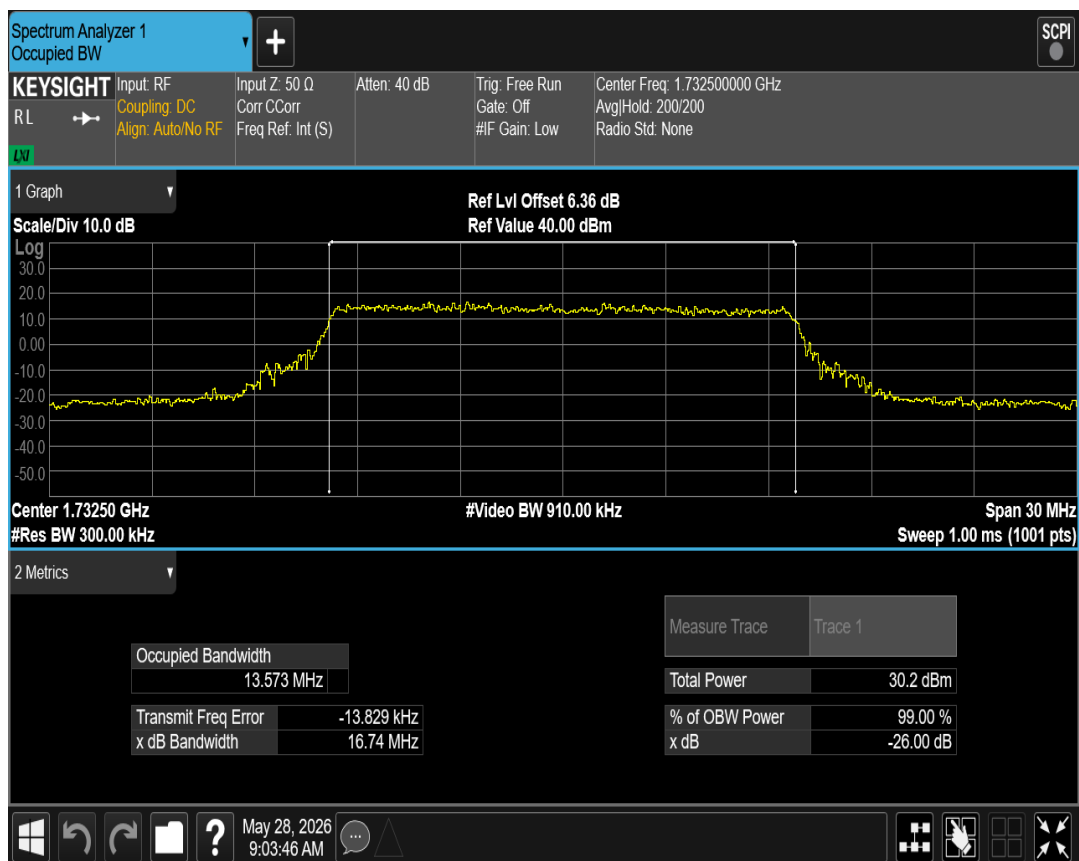
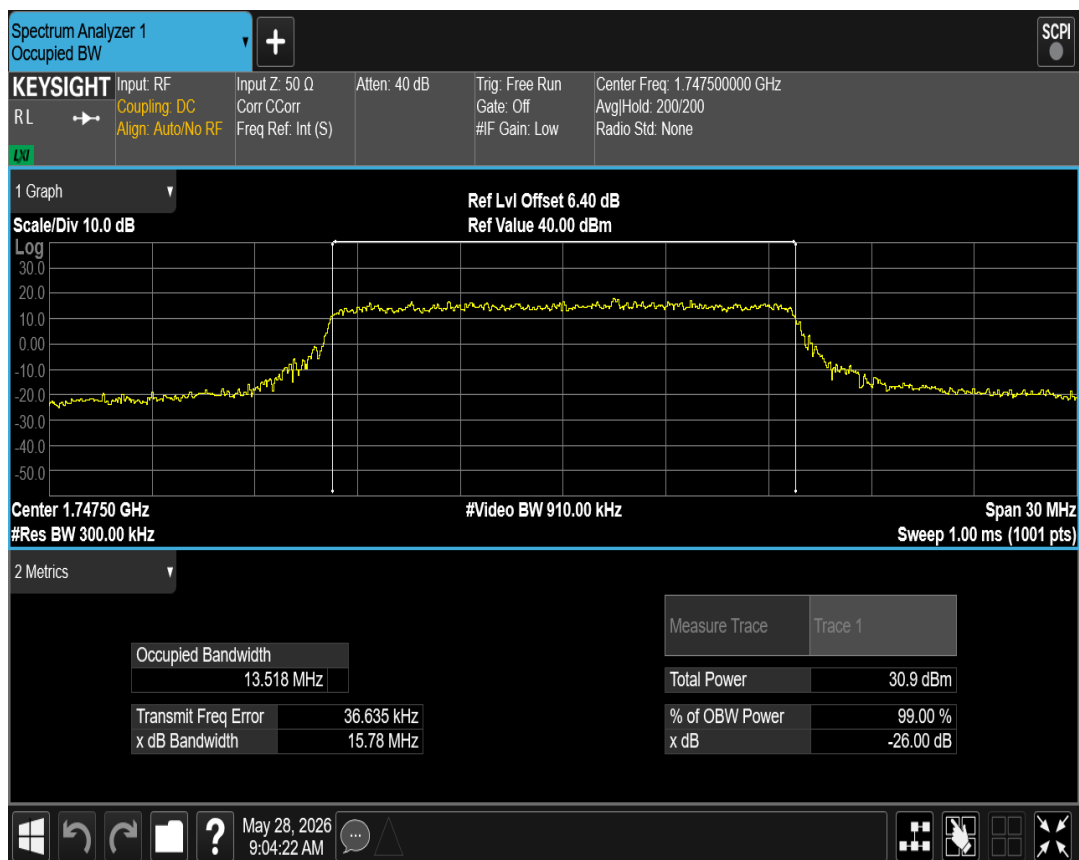
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0

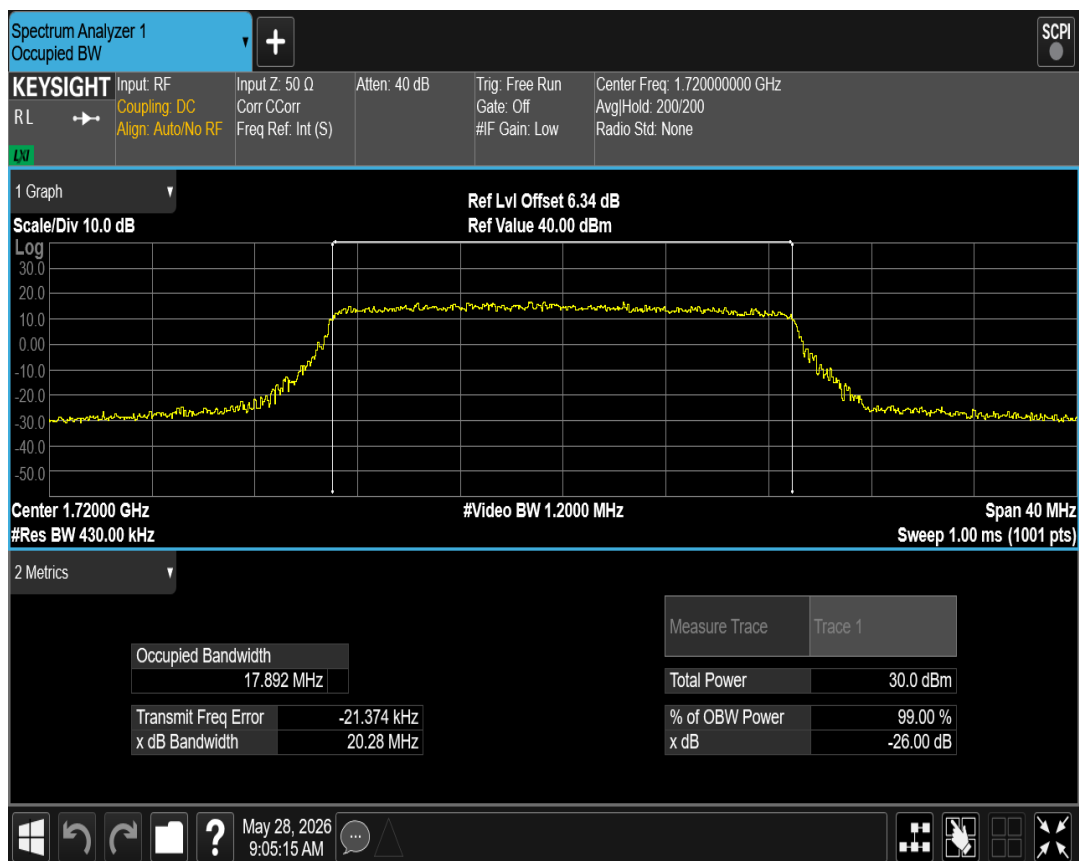


Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0

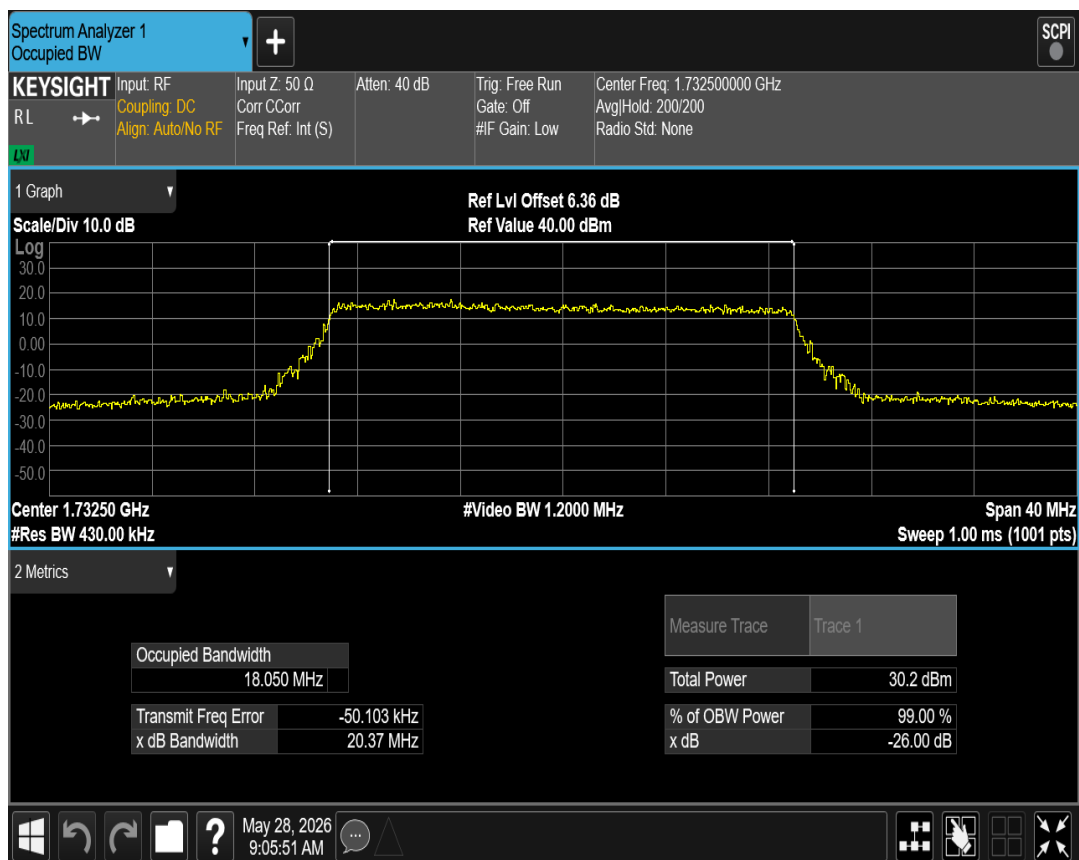


Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0

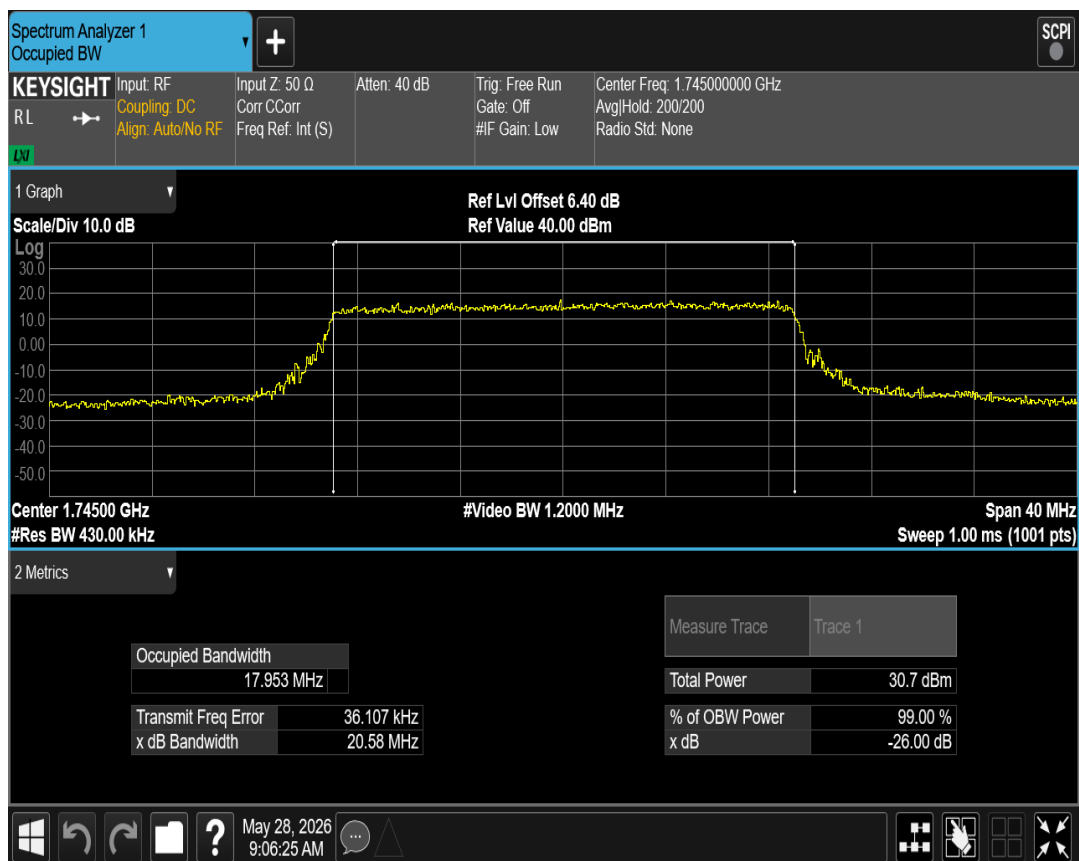
**Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0****Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0**



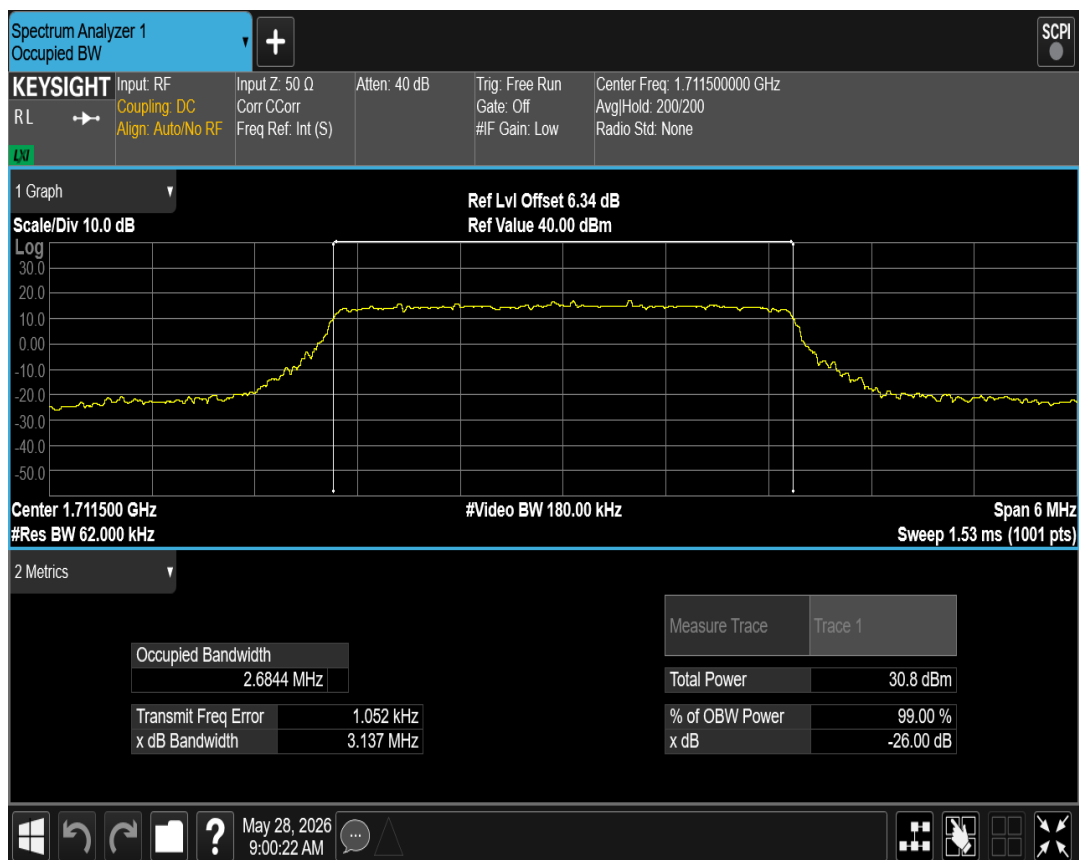
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



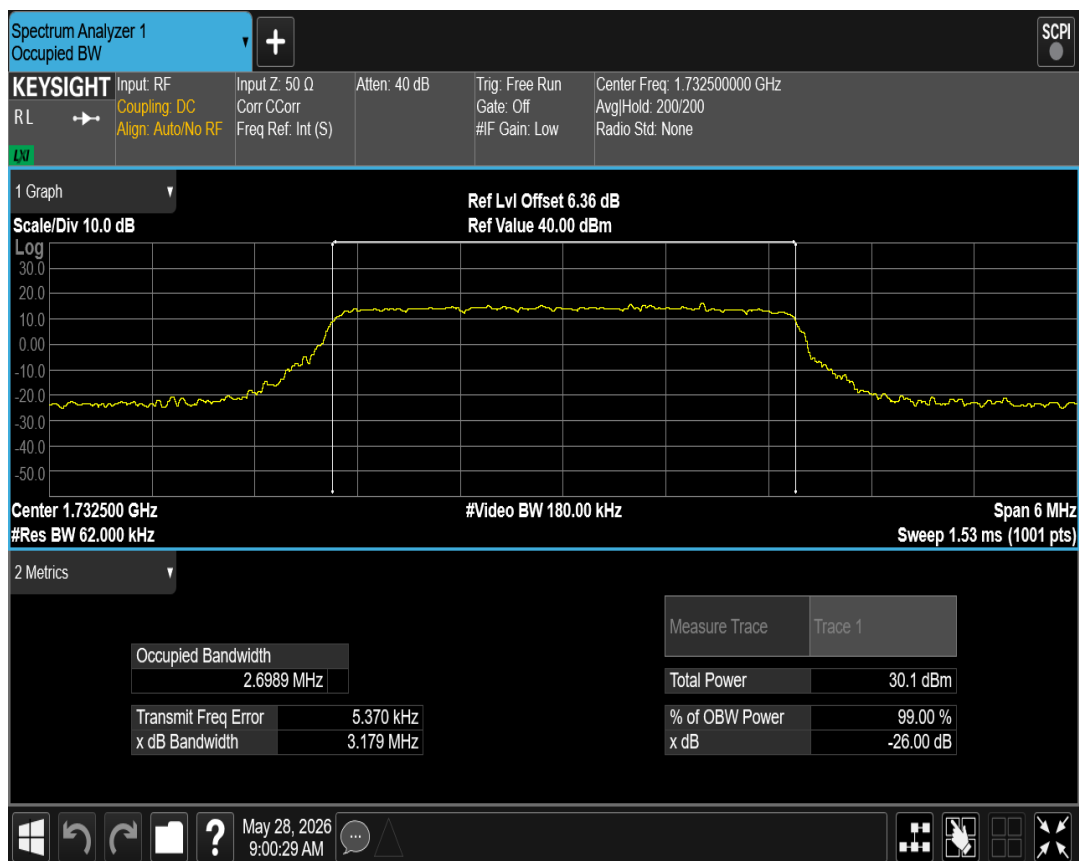
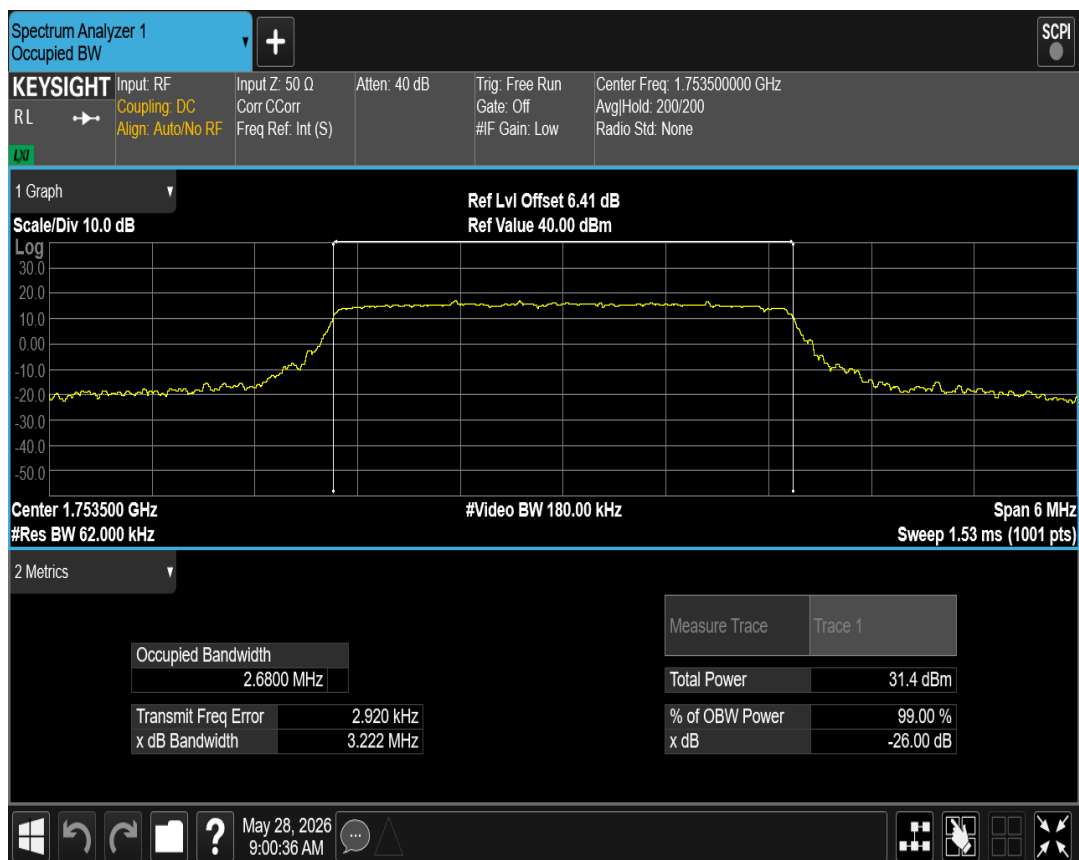
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0

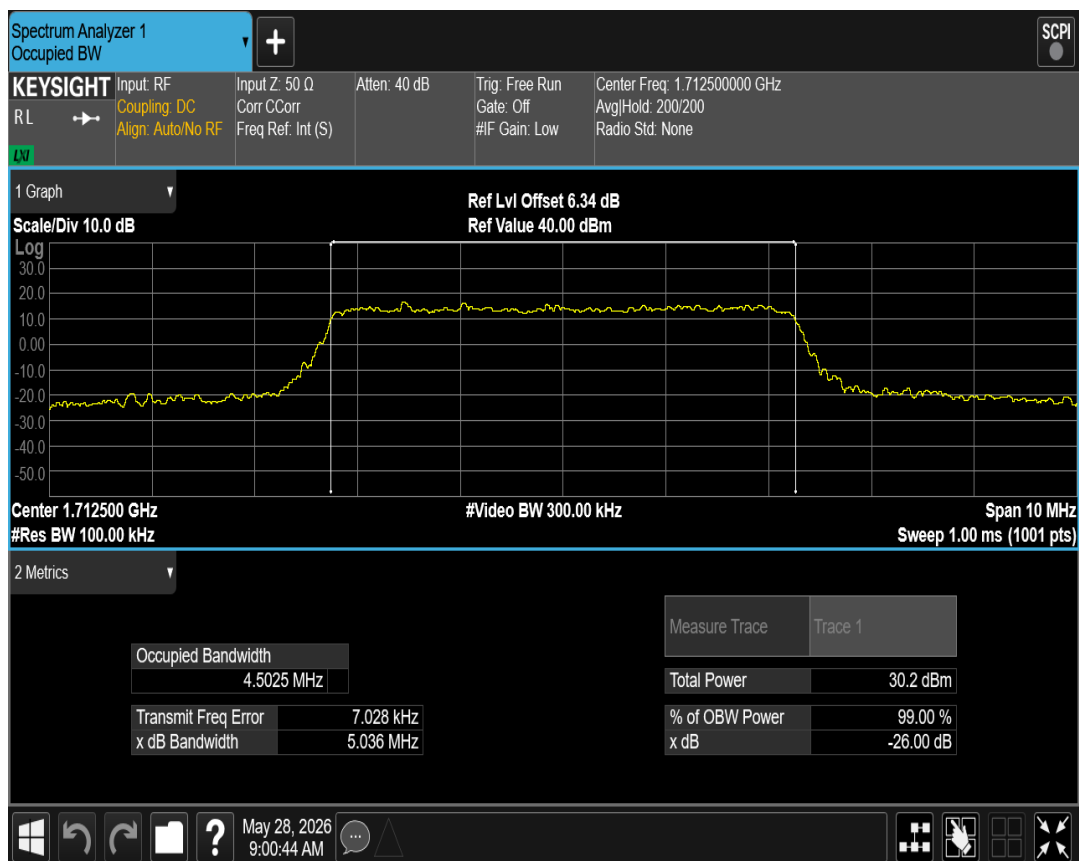


Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0

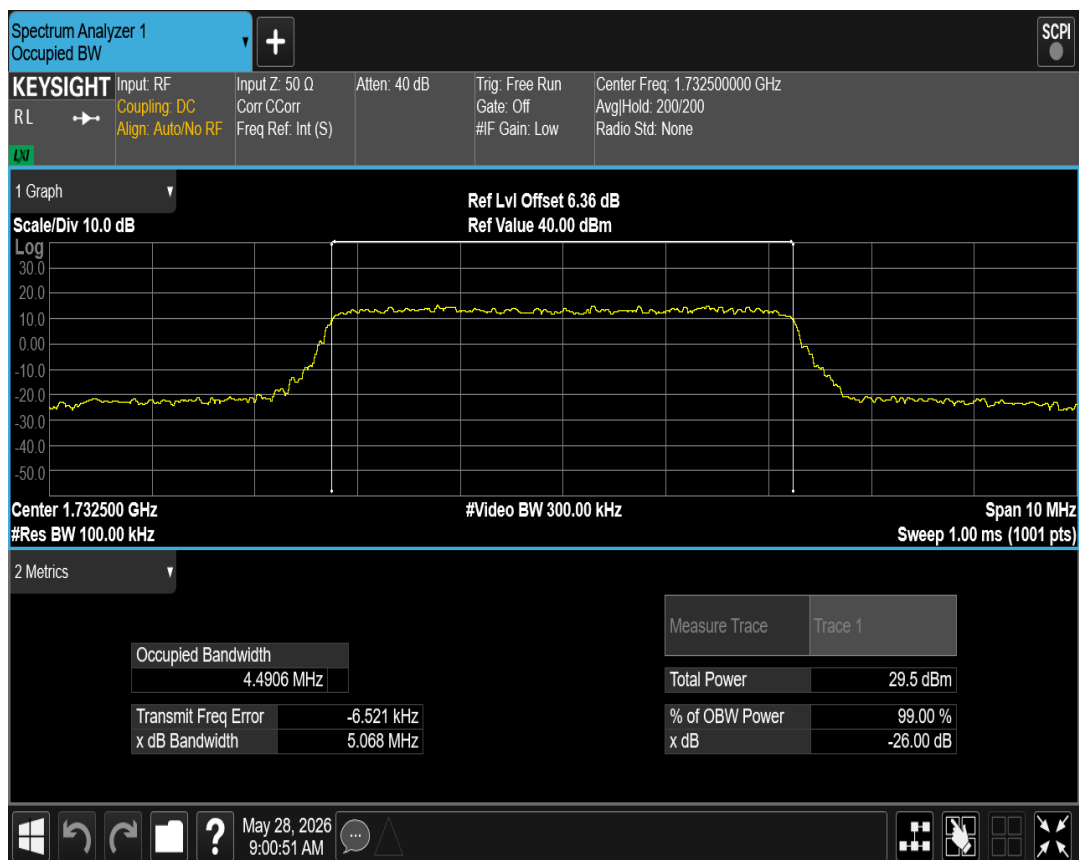


Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0

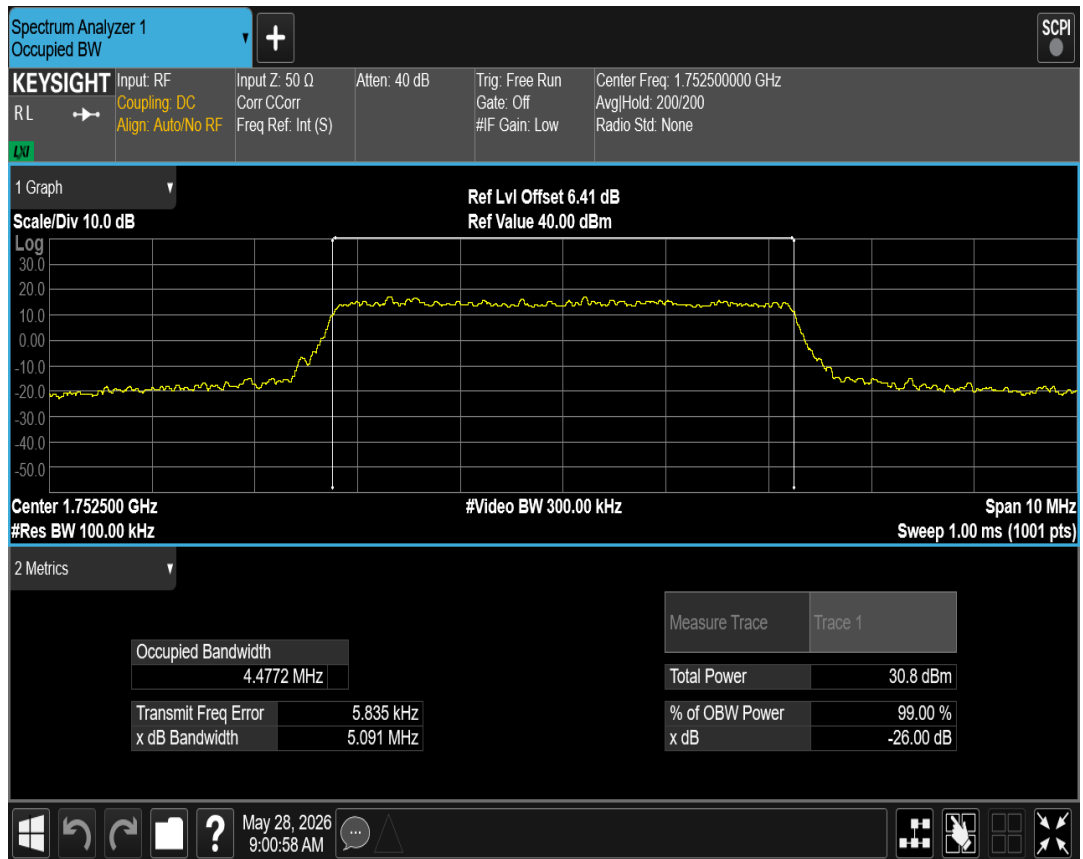
**Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0****Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0**



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



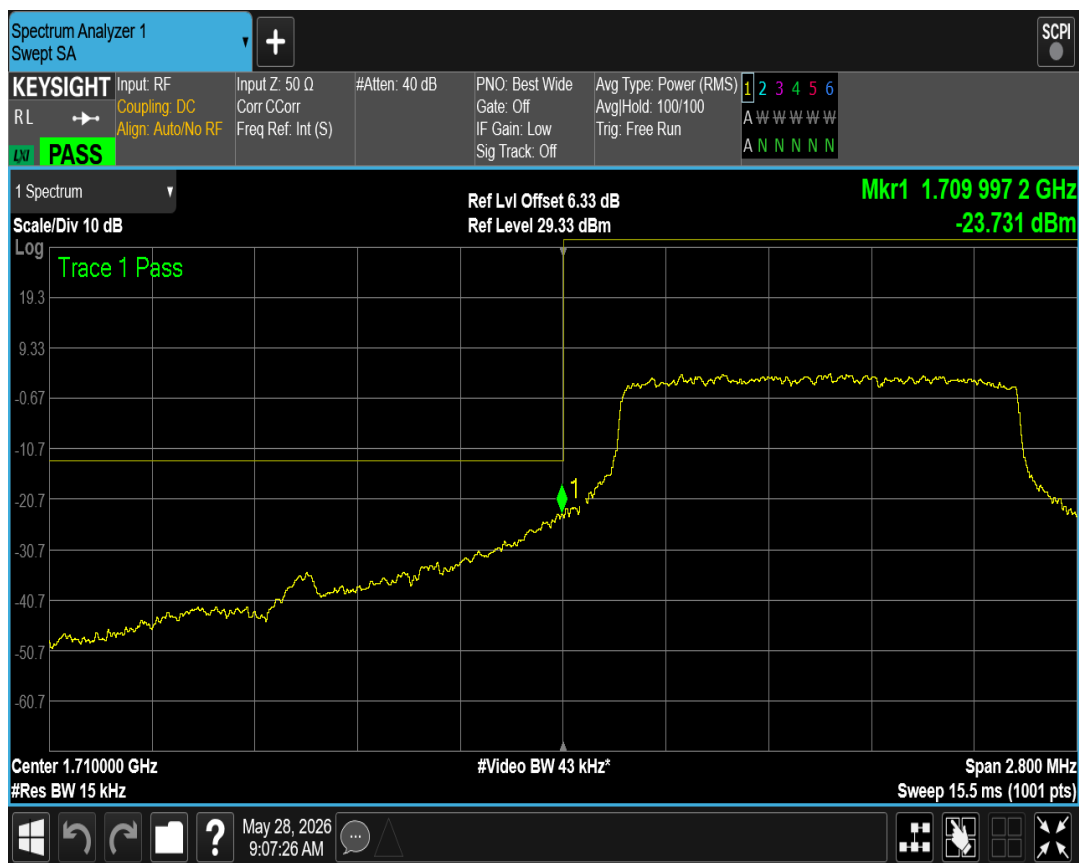
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



5 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	1710.00	-22.95	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1710.00	-23.73	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-21.29	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.02	-23.50	-13	PASS
Band4	3	19965	15	#0	QPSK	1709.98	-22.26	-13	PASS
Band4	3	19965	15	#0	QAM16	1710.00	-23.24	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.02	-21.73	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.00	-23.31	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-24.90	-13	PASS
Band4	5	19975	25	#0	QAM16	1709.99	-26.76	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.03	-23.92	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.02	-25.14	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.78	-30.25	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.16	-26.69	-13	PASS
Band4	15	20025	75	#0	QPSK	1710.00	-26.48	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.09	-24.80	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.52	-30.77	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.00	-25.49	-13	PASS

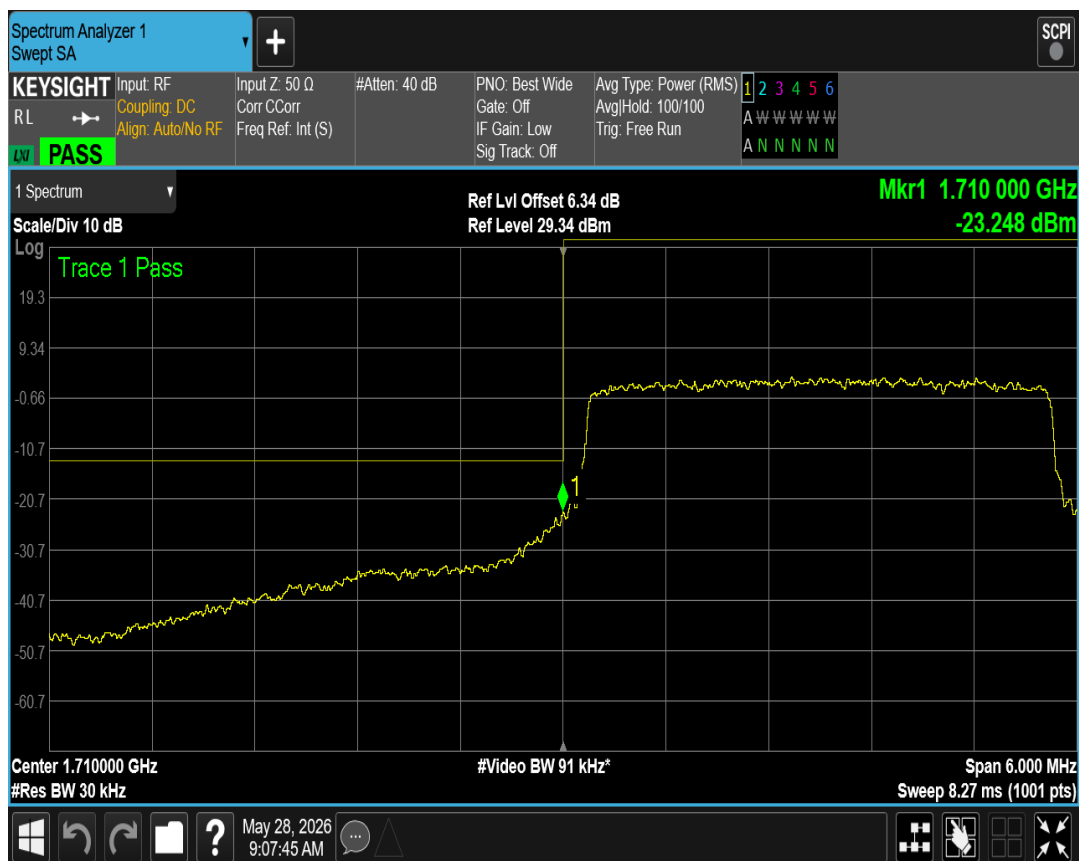
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



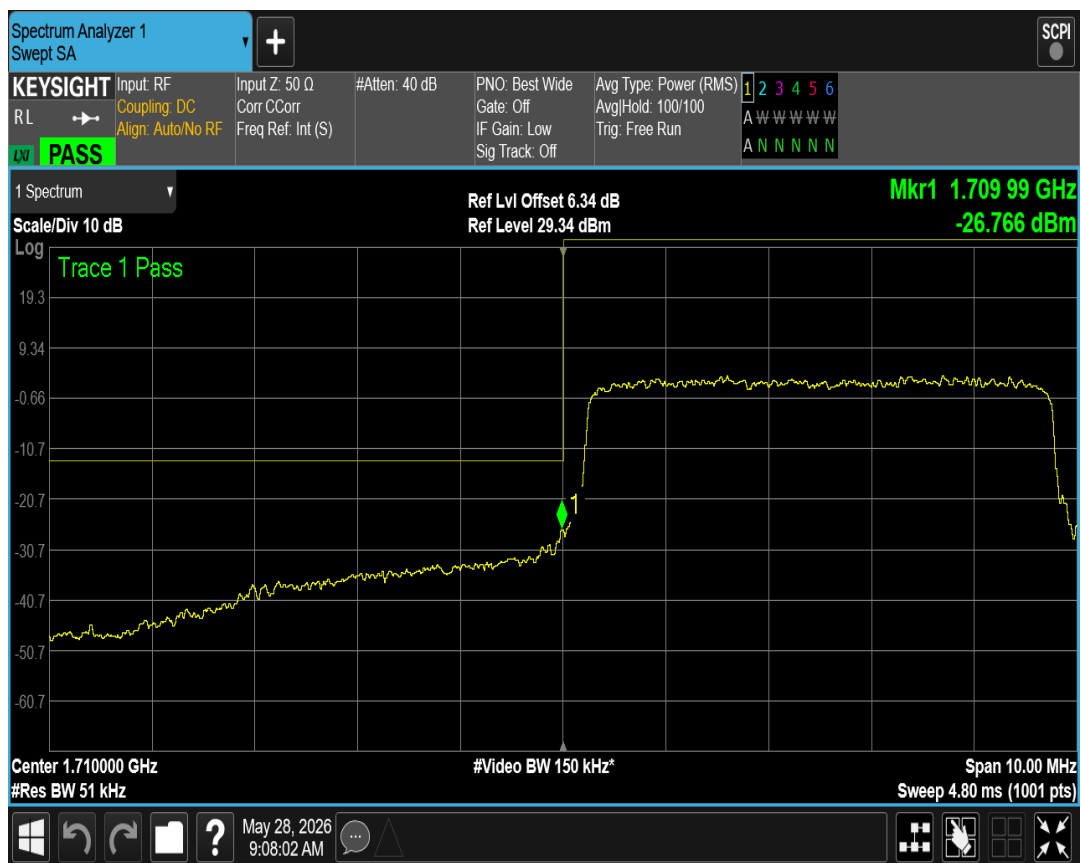
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



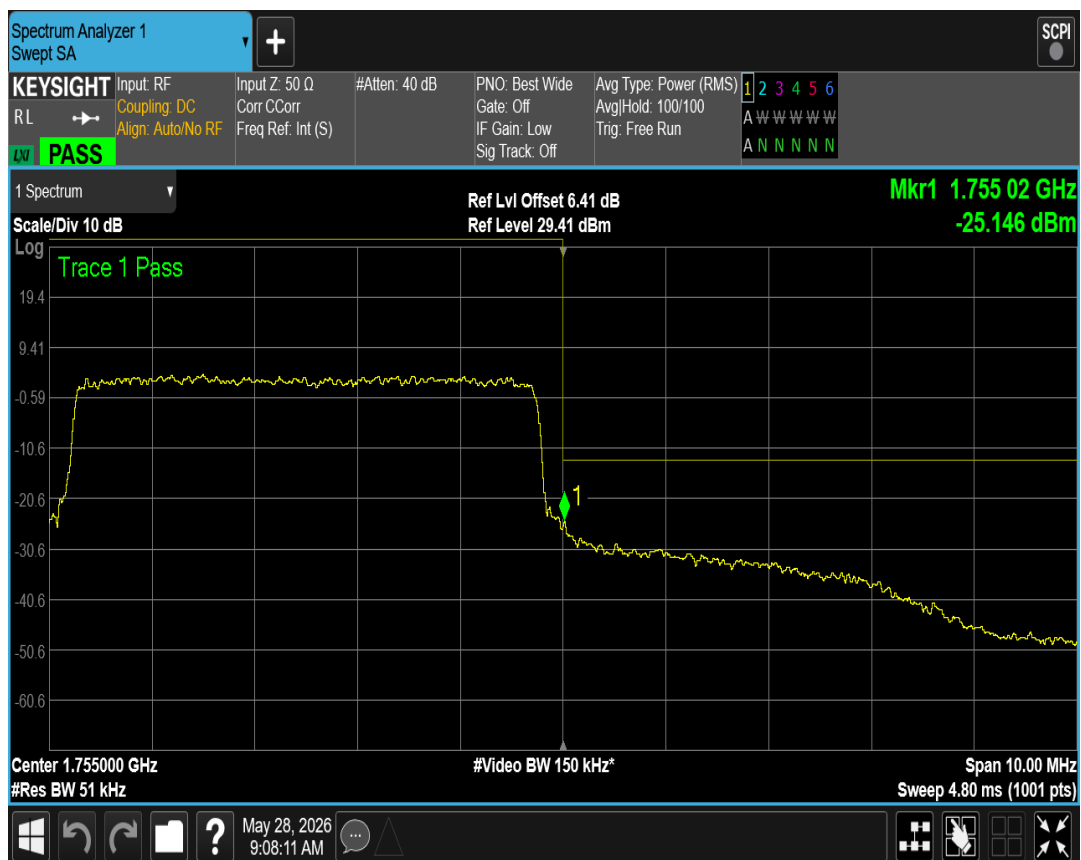
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



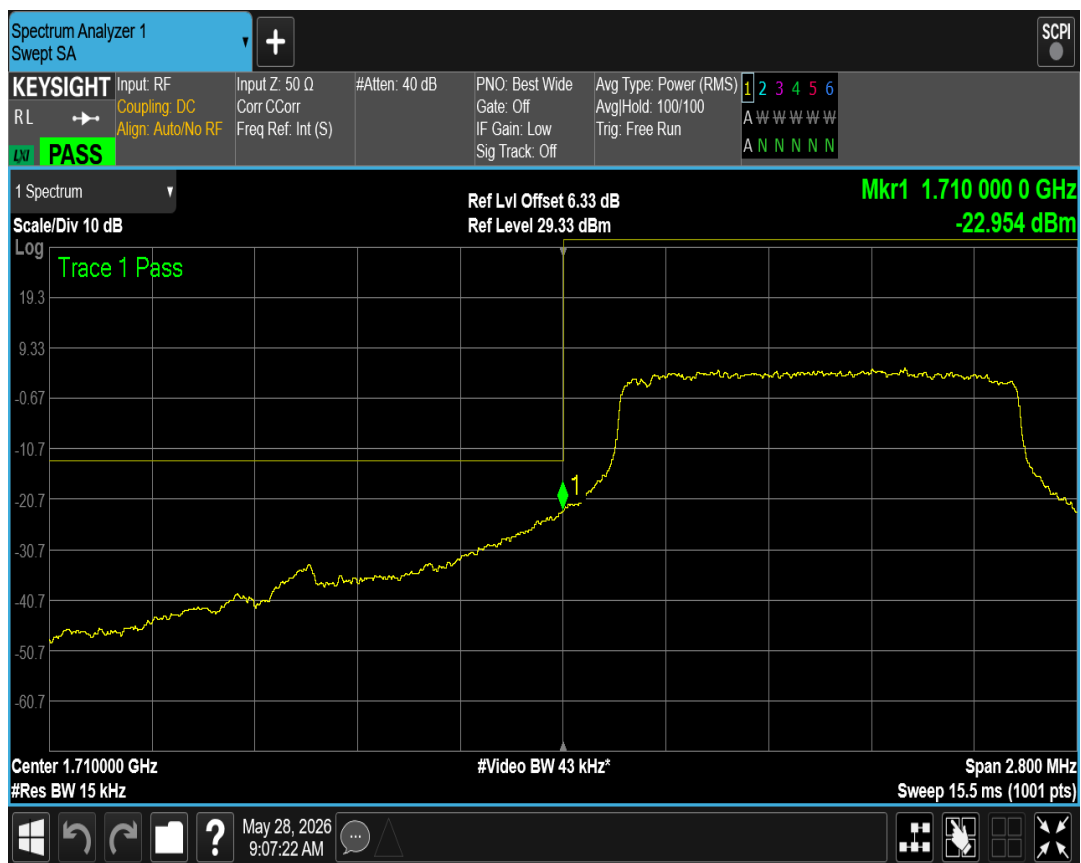
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



Band4 QAM16 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



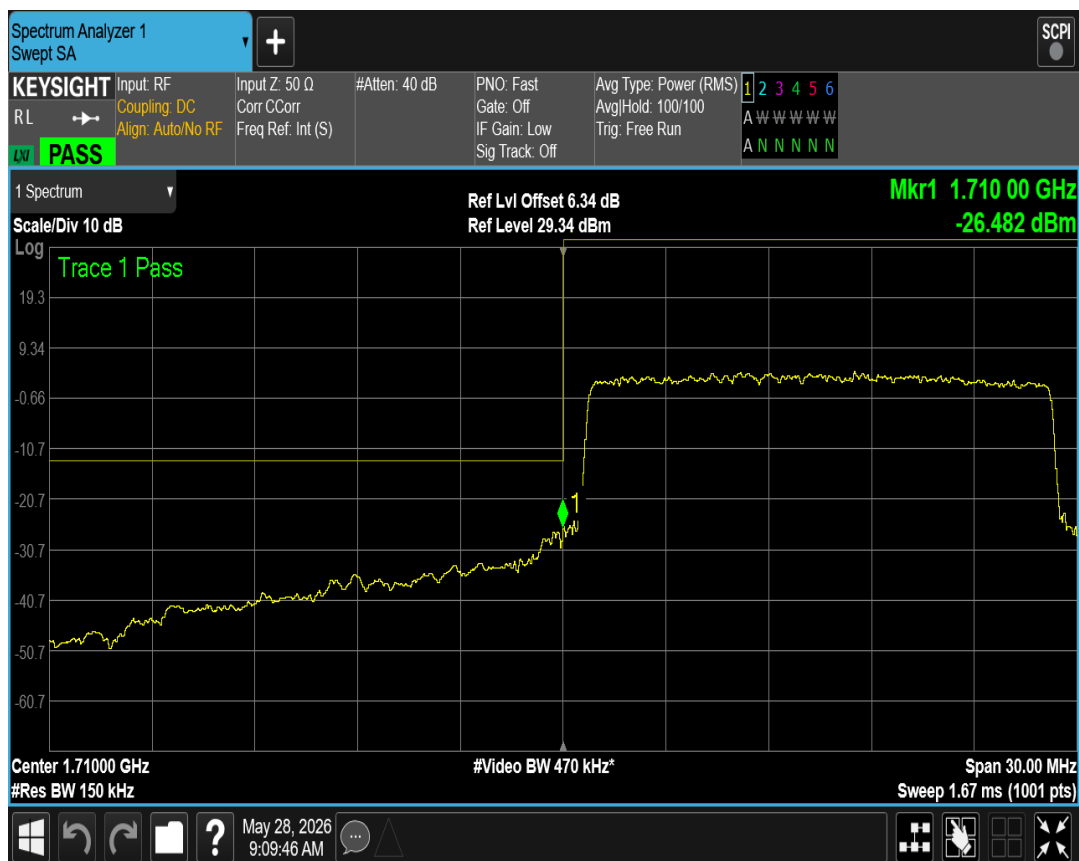
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



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



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



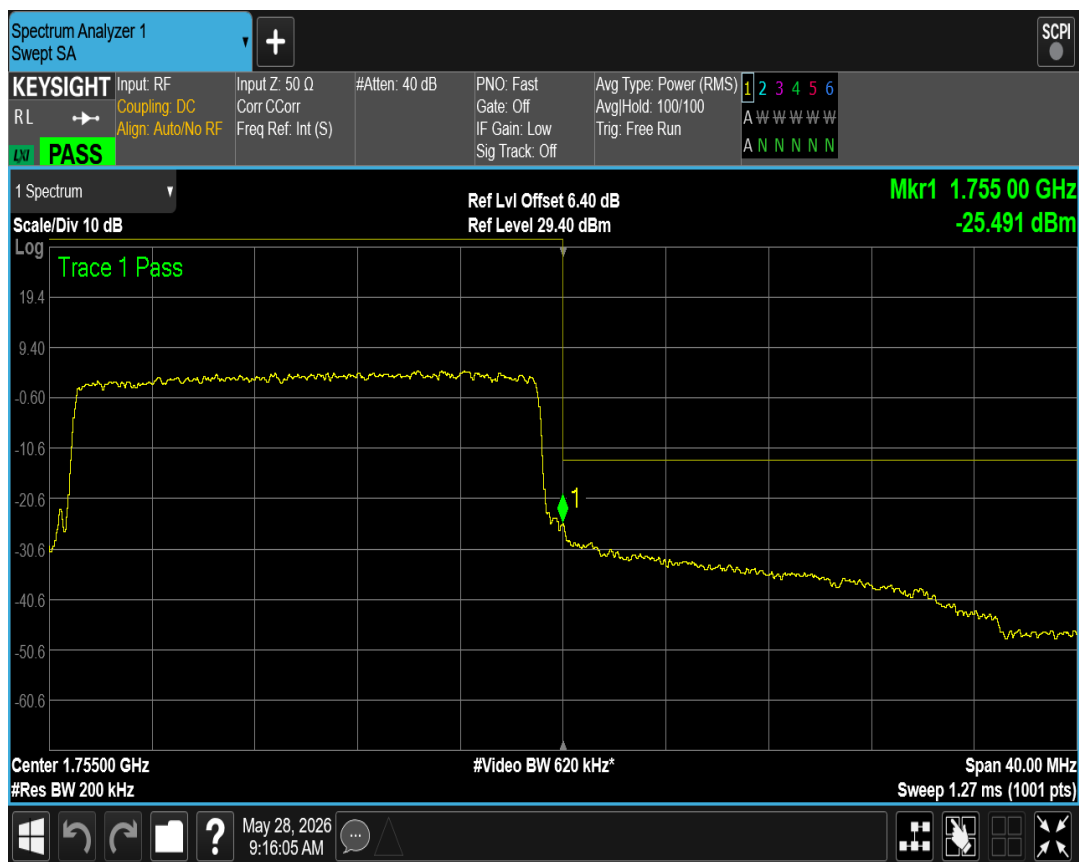
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



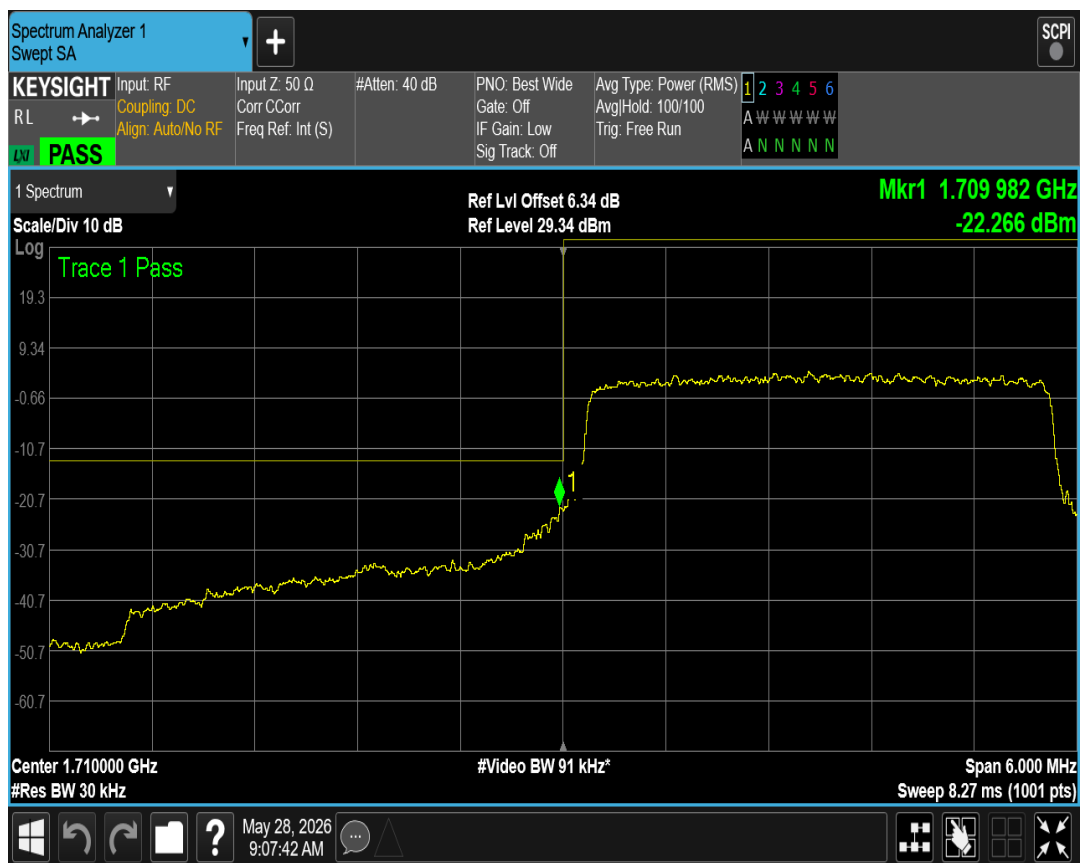
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



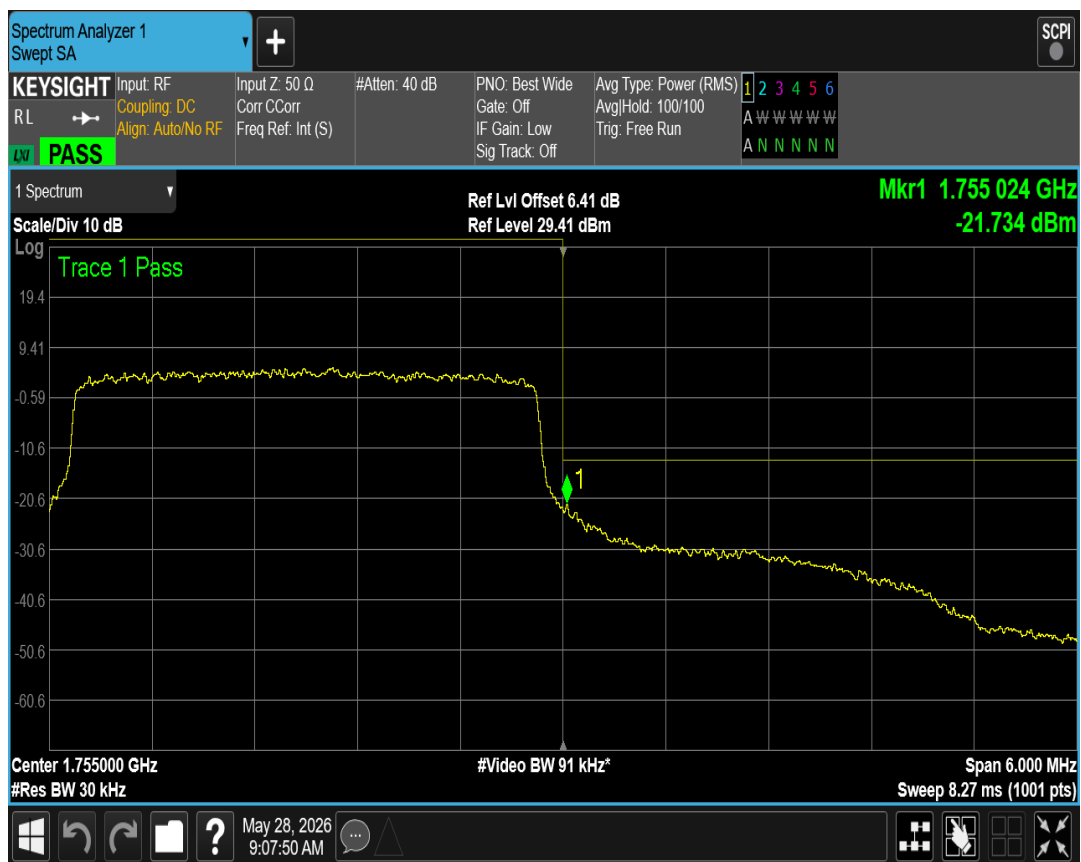
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



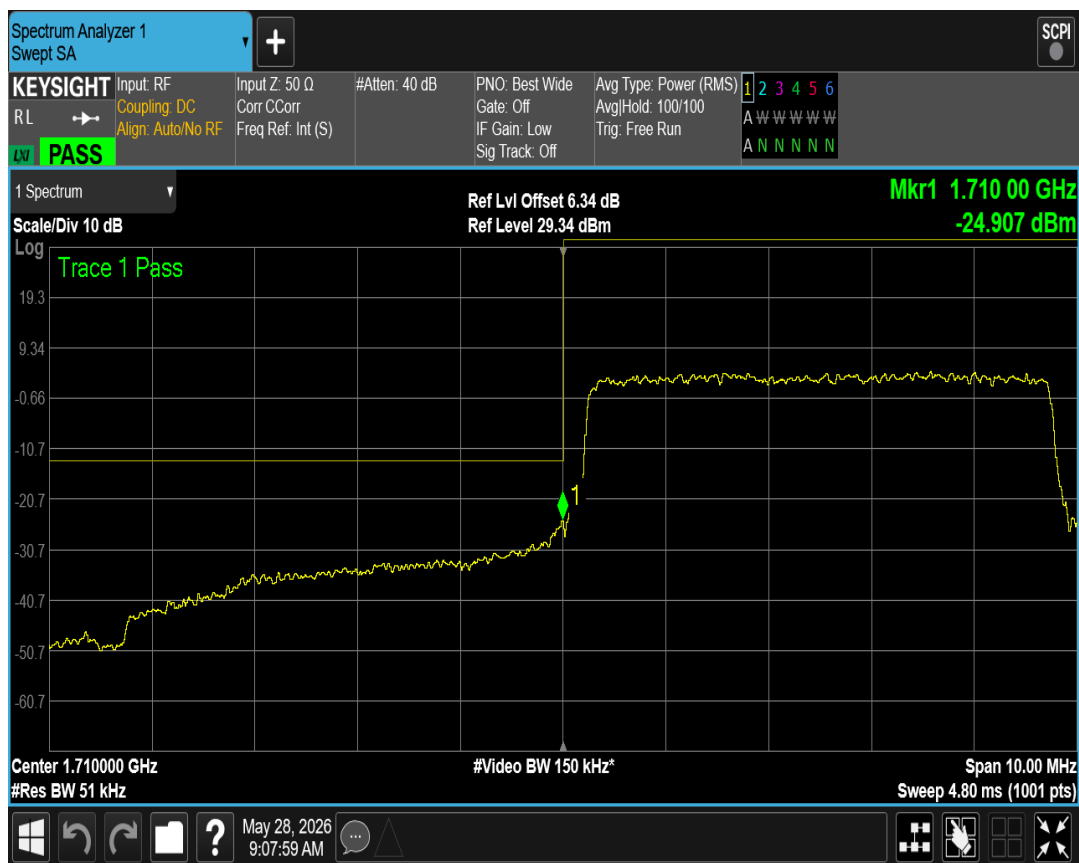
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



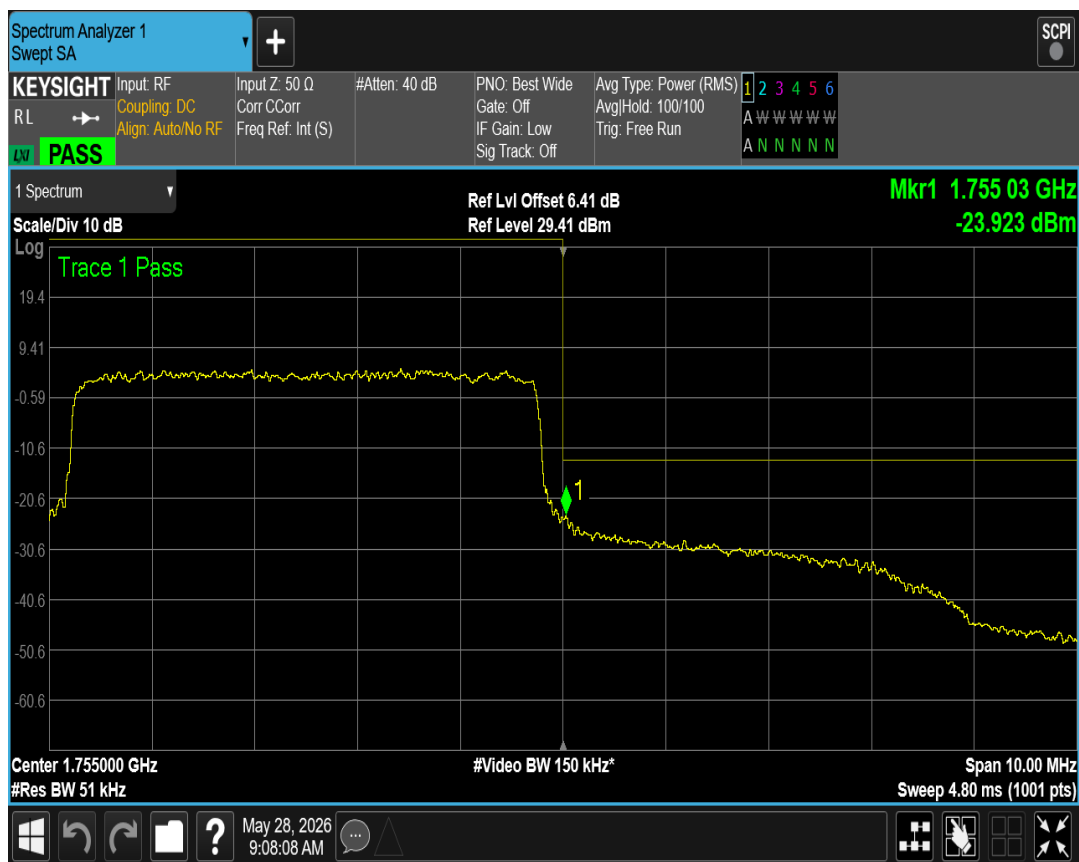
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



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



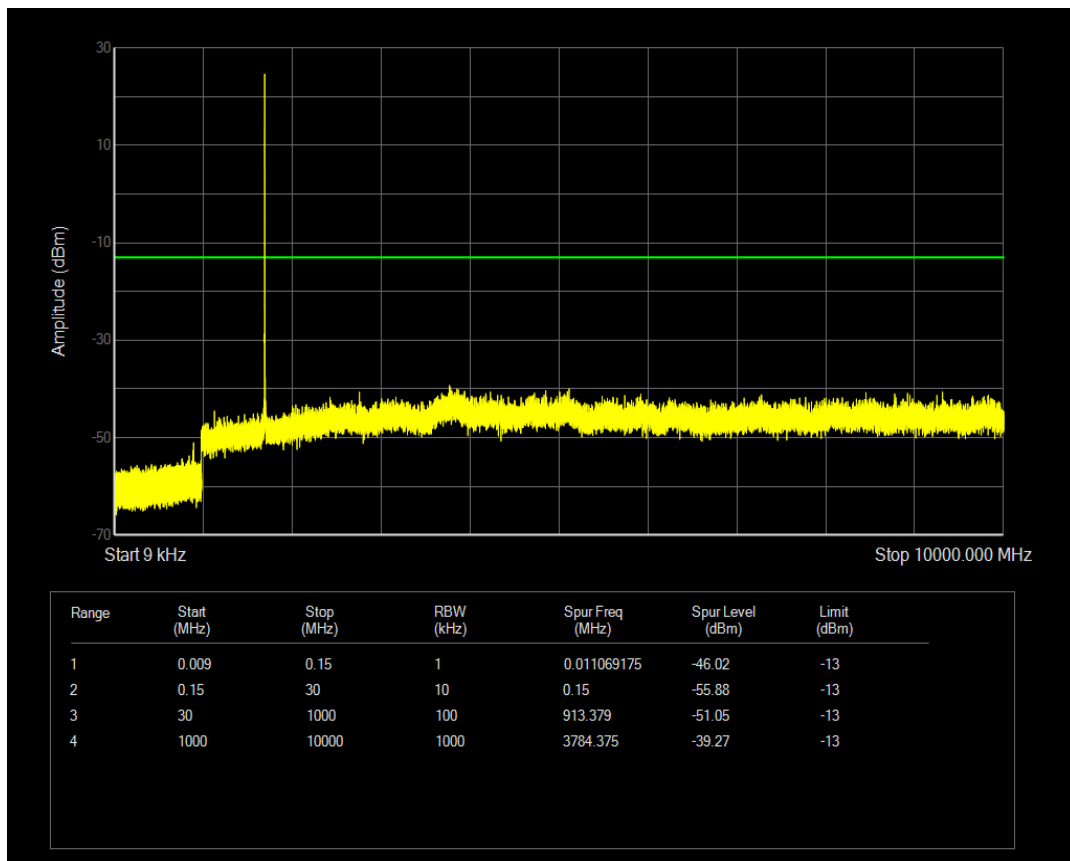
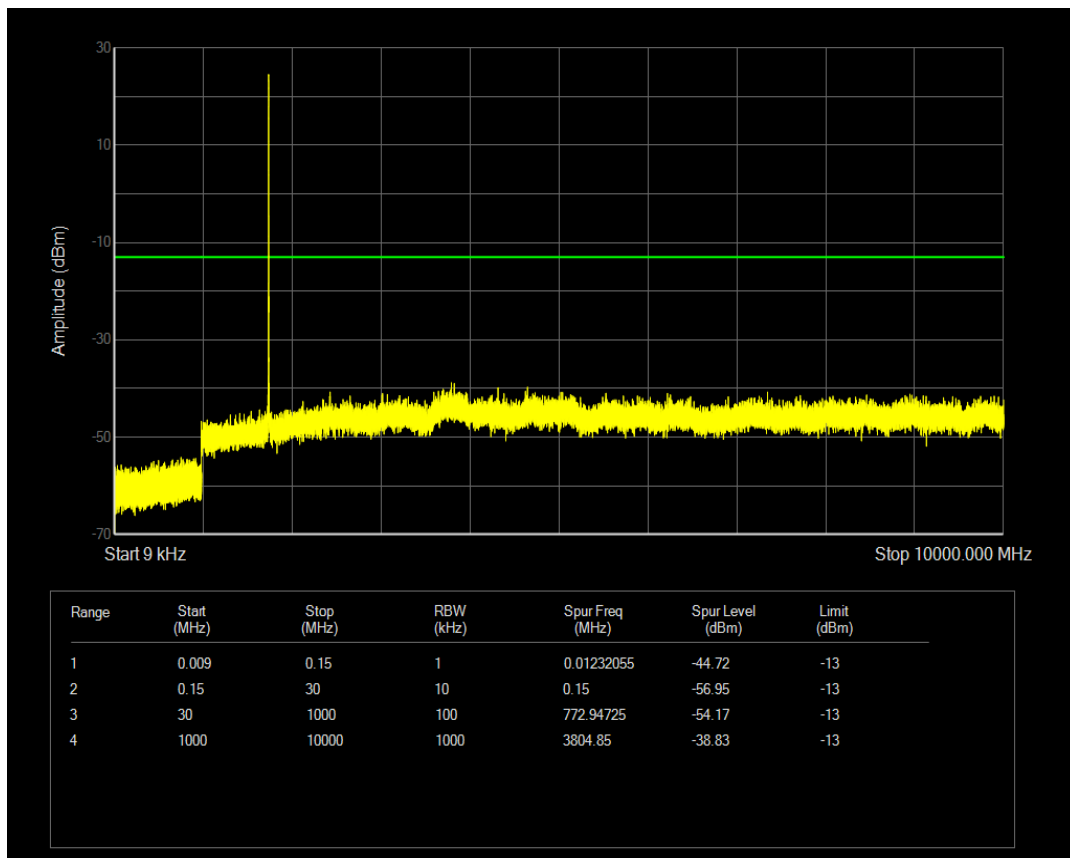
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0

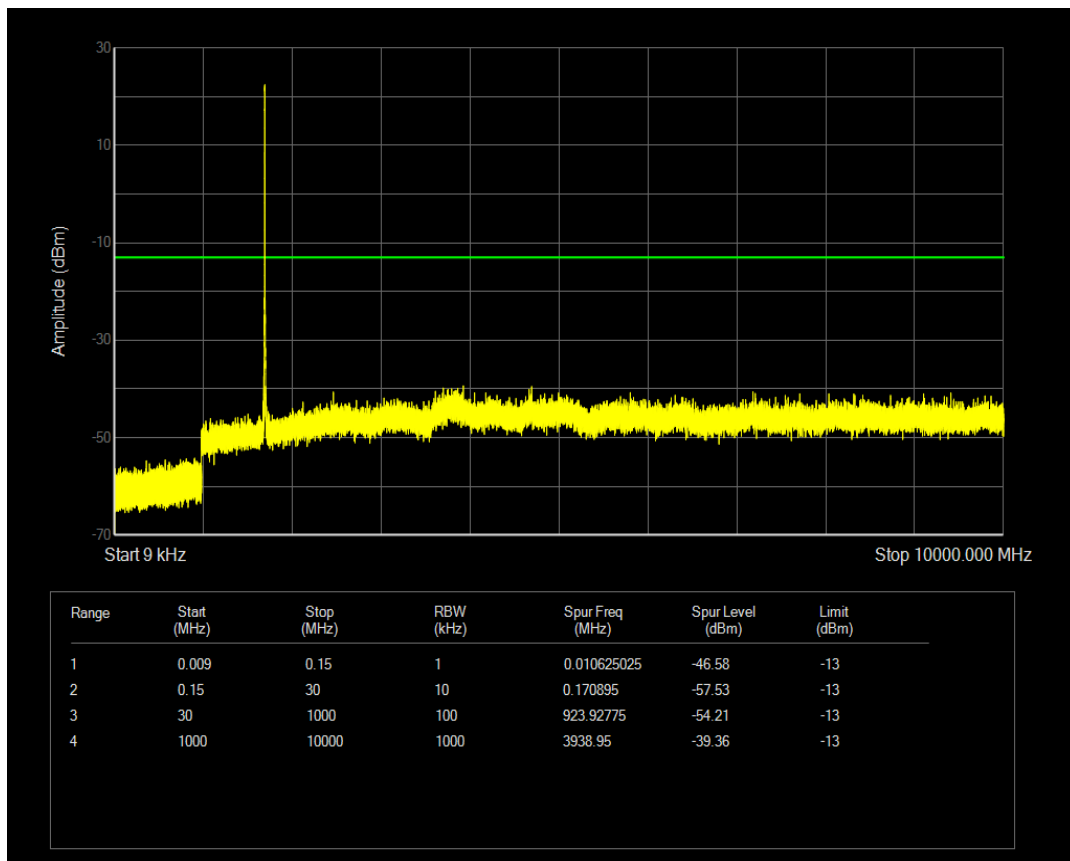
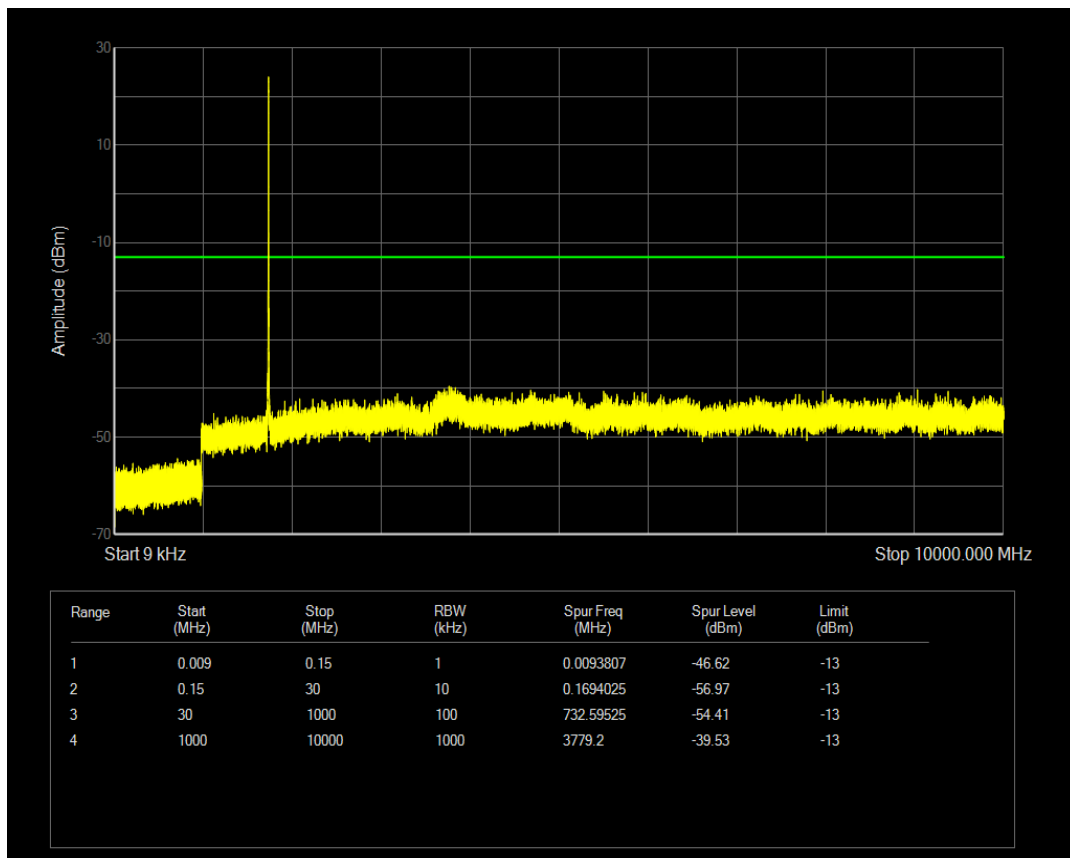


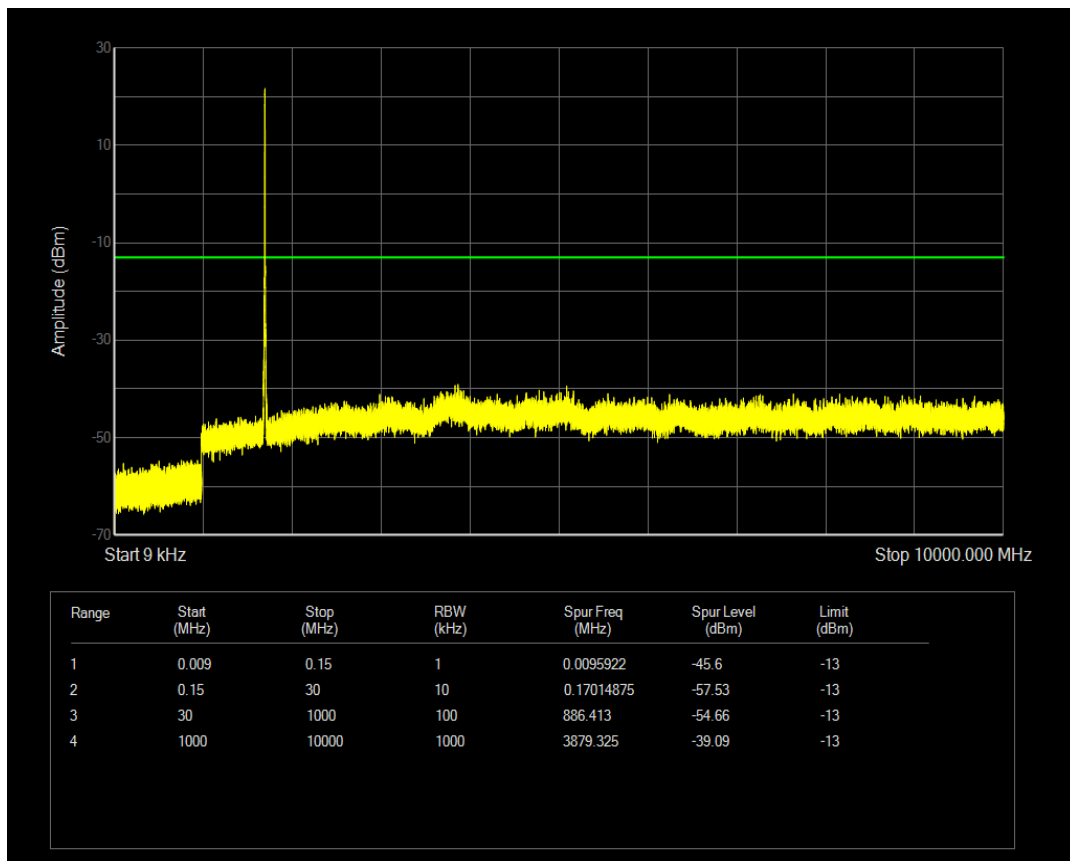
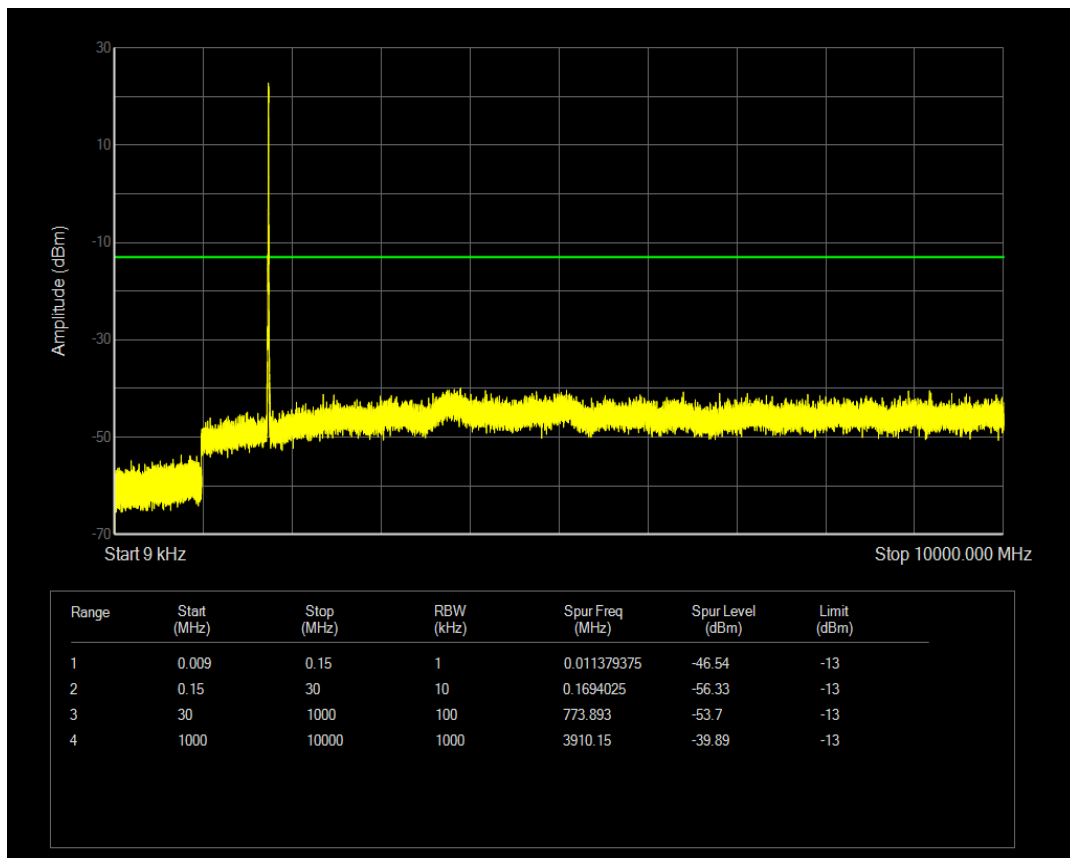
6 Out-of-band emissions

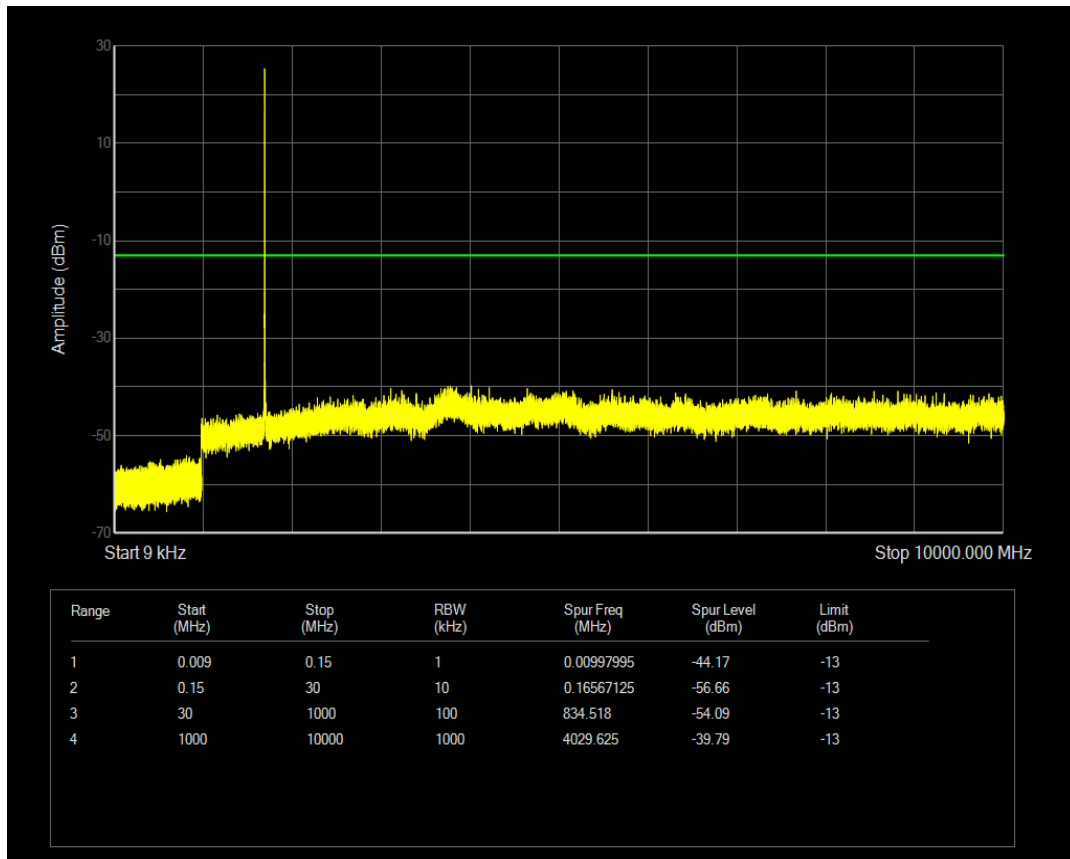
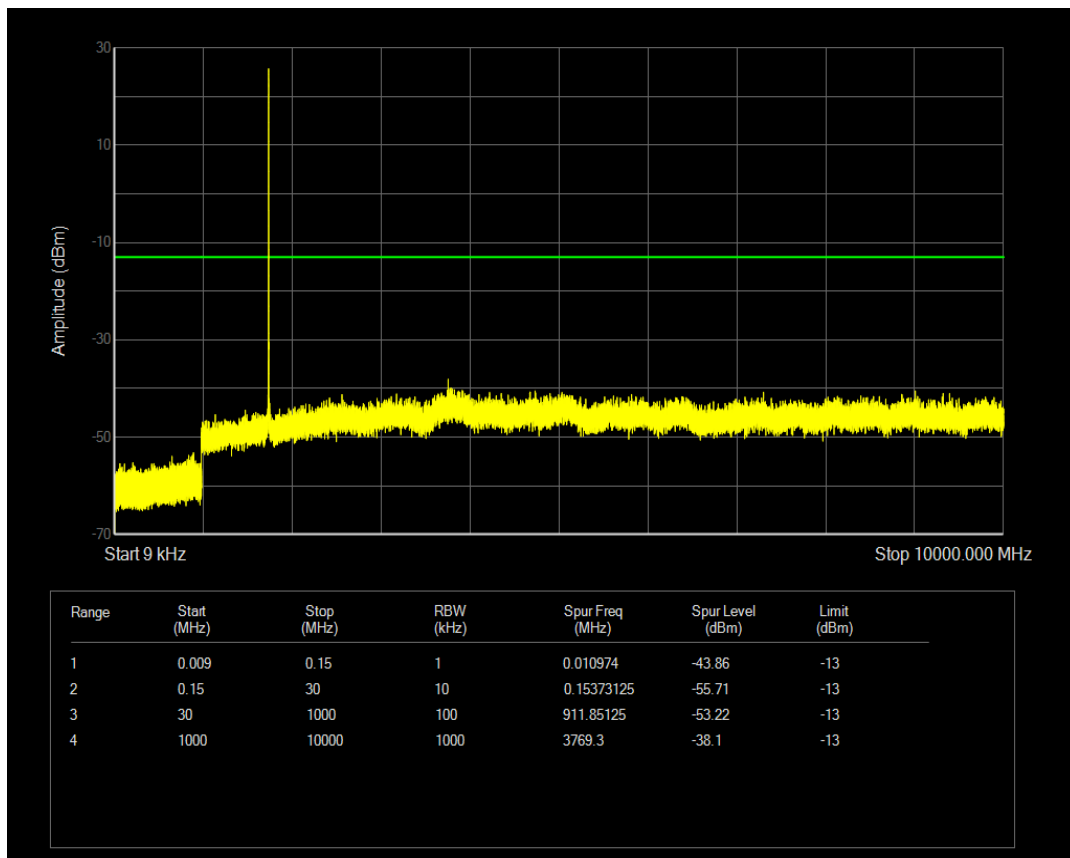
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band4	1.4	19957	6	#0	QPSK	4029.63	-39.79	-13	PASS
Band4	1.4	19957	6	#0	QAM16	3784.38	-39.27	-13	PASS
Band4	1.4	20393	6	#0	QPSK	3769.30	-38.10	-13	PASS
Band4	1.4	20393	6	#0	QAM16	3804.85	-38.83	-13	PASS
Band4	3	19965	15	#0	QPSK	3779.88	-39.01	-13	PASS
Band4	3	19965	15	#0	QAM16	3938.95	-39.36	-13	PASS
Band4	3	20385	15	#0	QPSK	3921.85	-39.58	-13	PASS
Band4	3	20385	15	#0	QAM16	3779.20	-39.53	-13	PASS
Band4	5	19975	25	#0	QPSK	5119.53	-39.70	-13	PASS
Band4	5	19975	25	#0	QAM16	3879.33	-39.09	-13	PASS
Band4	5	20375	25	#0	QPSK	3803.05	-39.65	-13	PASS
Band4	5	20375	25	#0	QAM16	3910.15	-39.89	-13	PASS
Band4	10	20000	50	#0	QPSK	3817.68	-38.93	-13	PASS
Band4	10	20350	50	#0	QPSK	3781.68	-39.41	-13	PASS
Band4	15	20025	75	#0	QPSK	3871.90	-39.67	-13	PASS
Band4	15	20325	75	#0	QPSK	4012.53	-39.73	-13	PASS
Band4	20	20050	100	#0	QPSK	3803.95	-39.79	-13	PASS
Band4	20	20300	100	#0	QPSK	3730.38	-38.62	-13	PASS

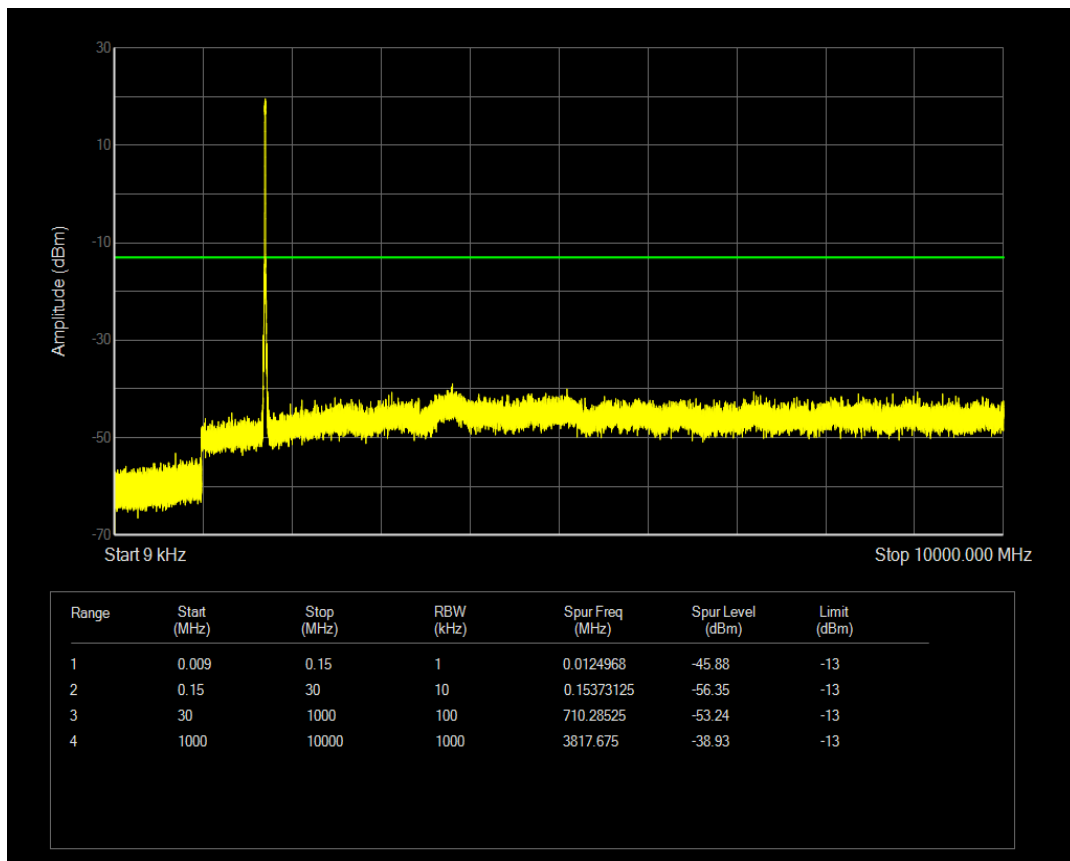
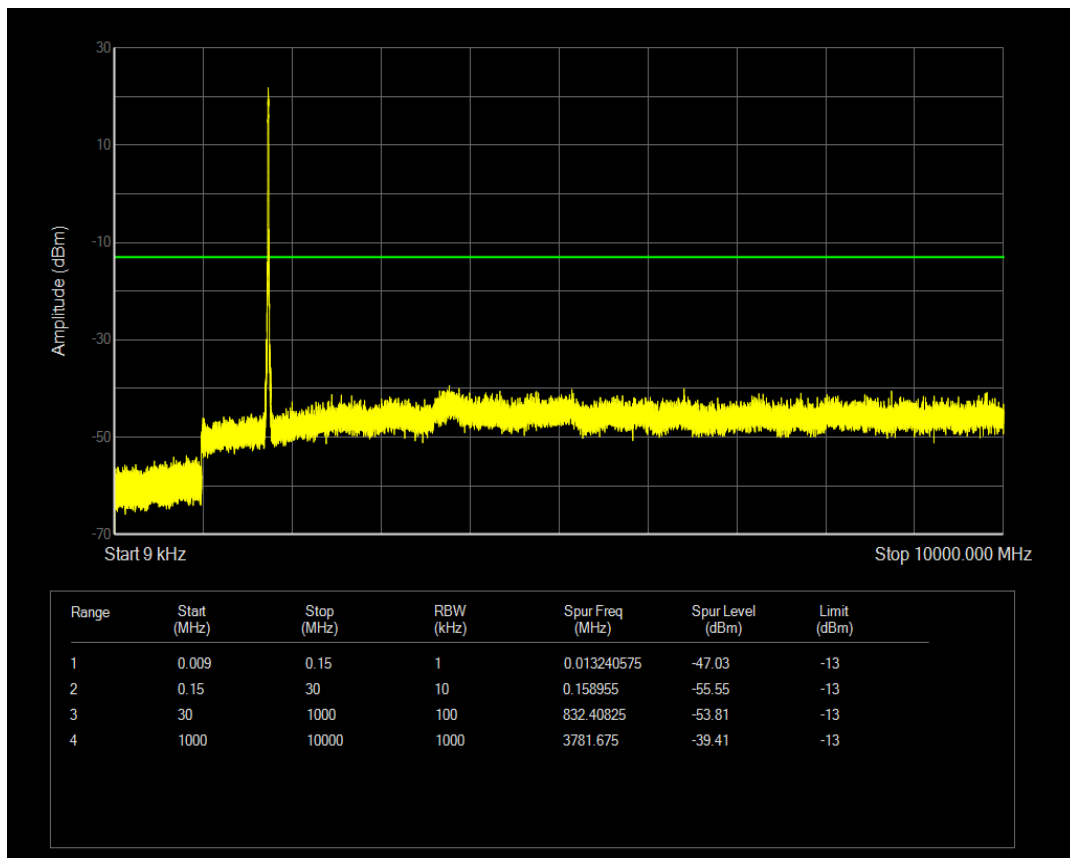
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0

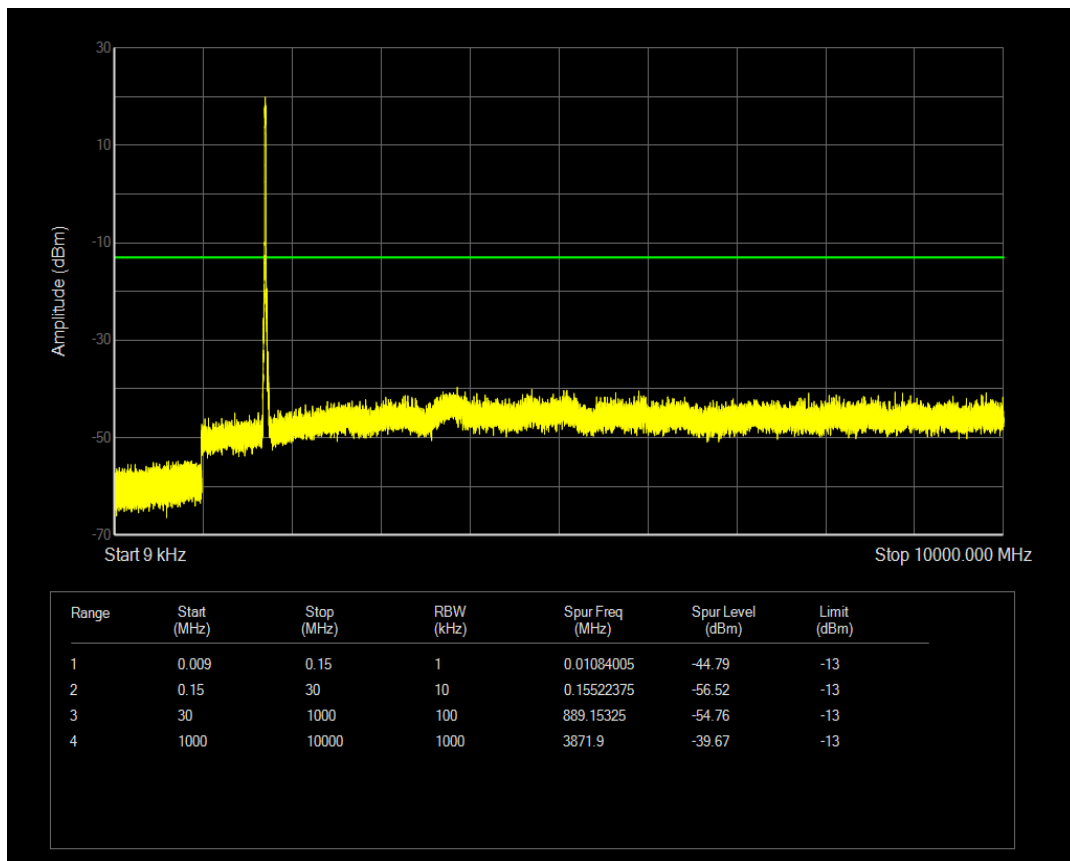
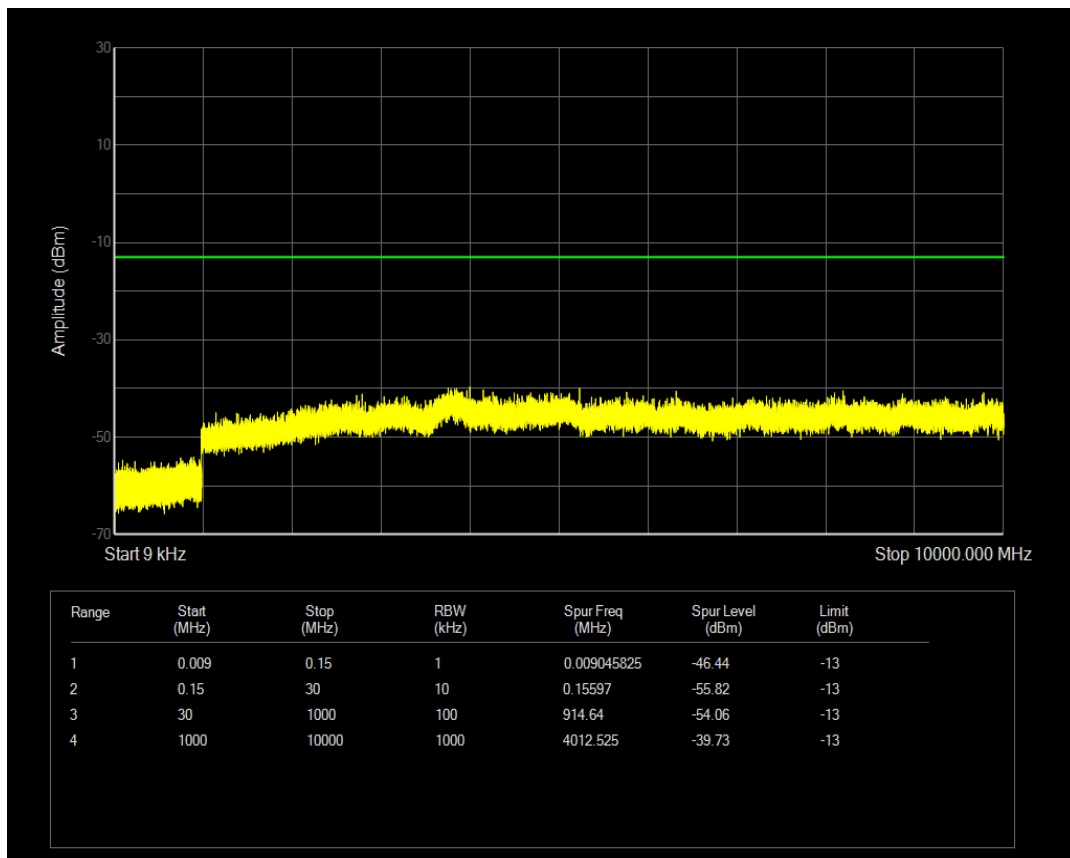
**Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0****Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0**

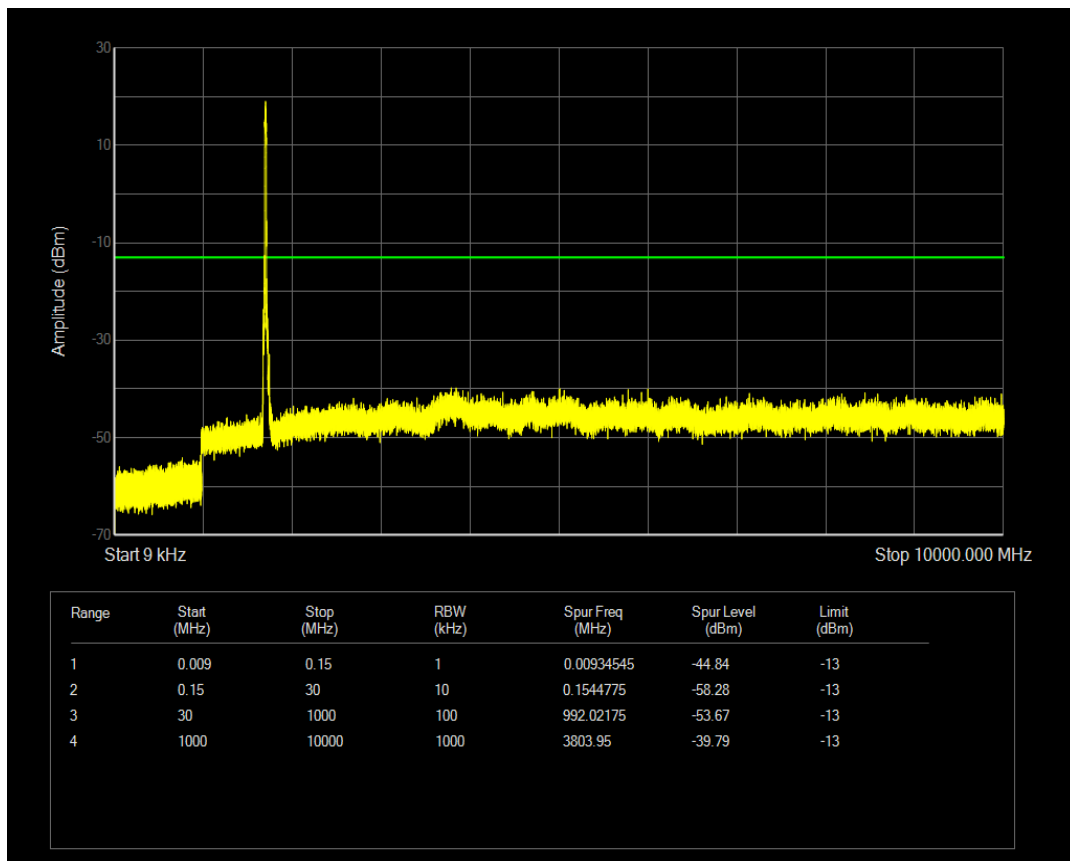
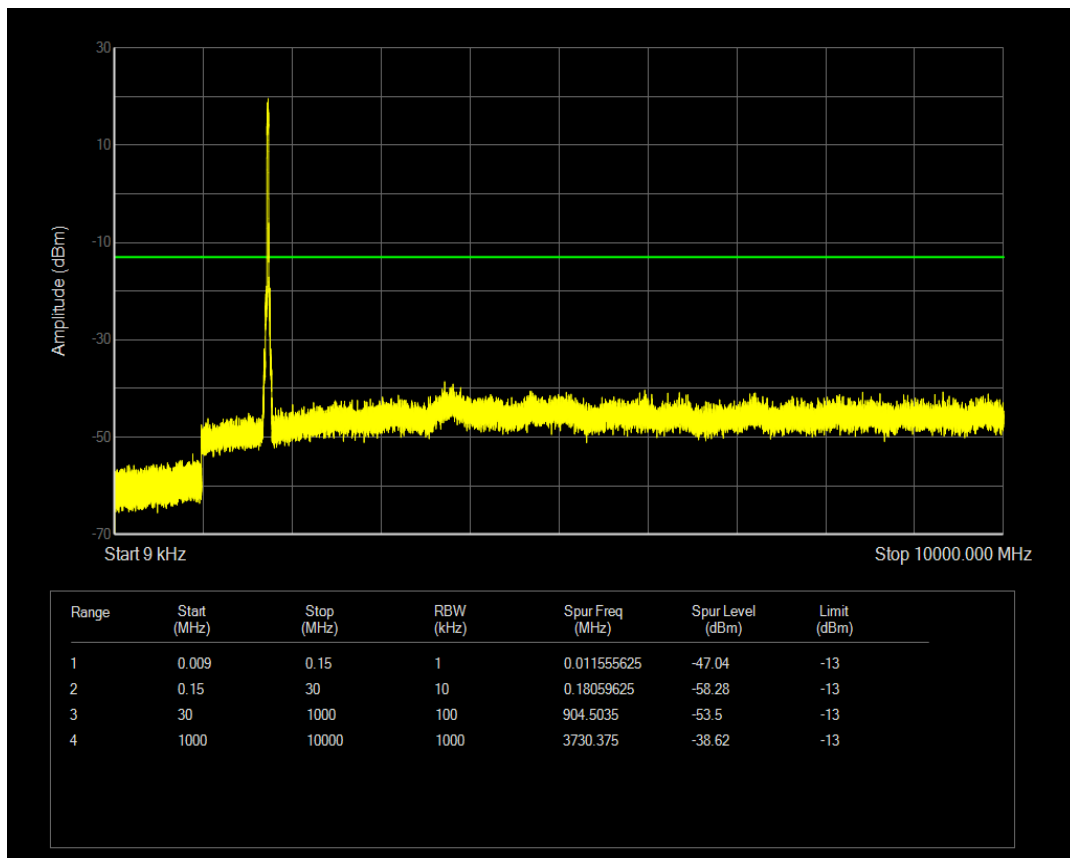
**Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0****Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0**

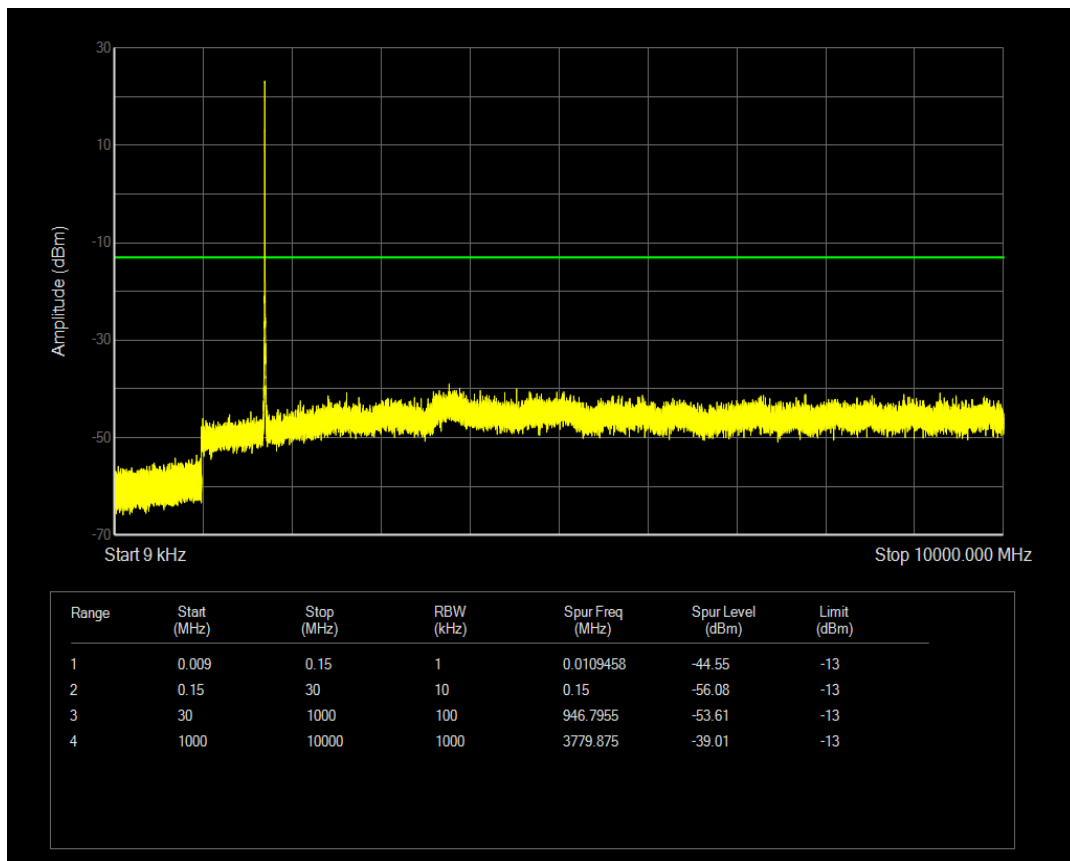
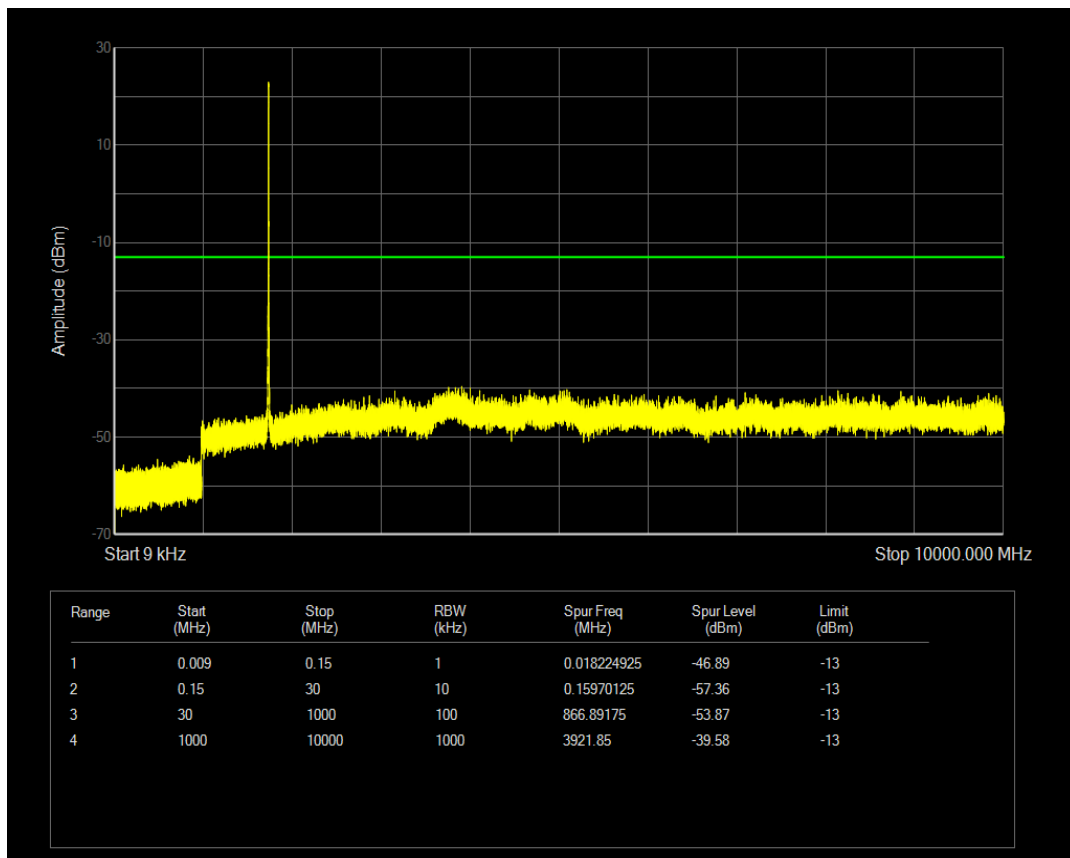
**Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0****Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0**

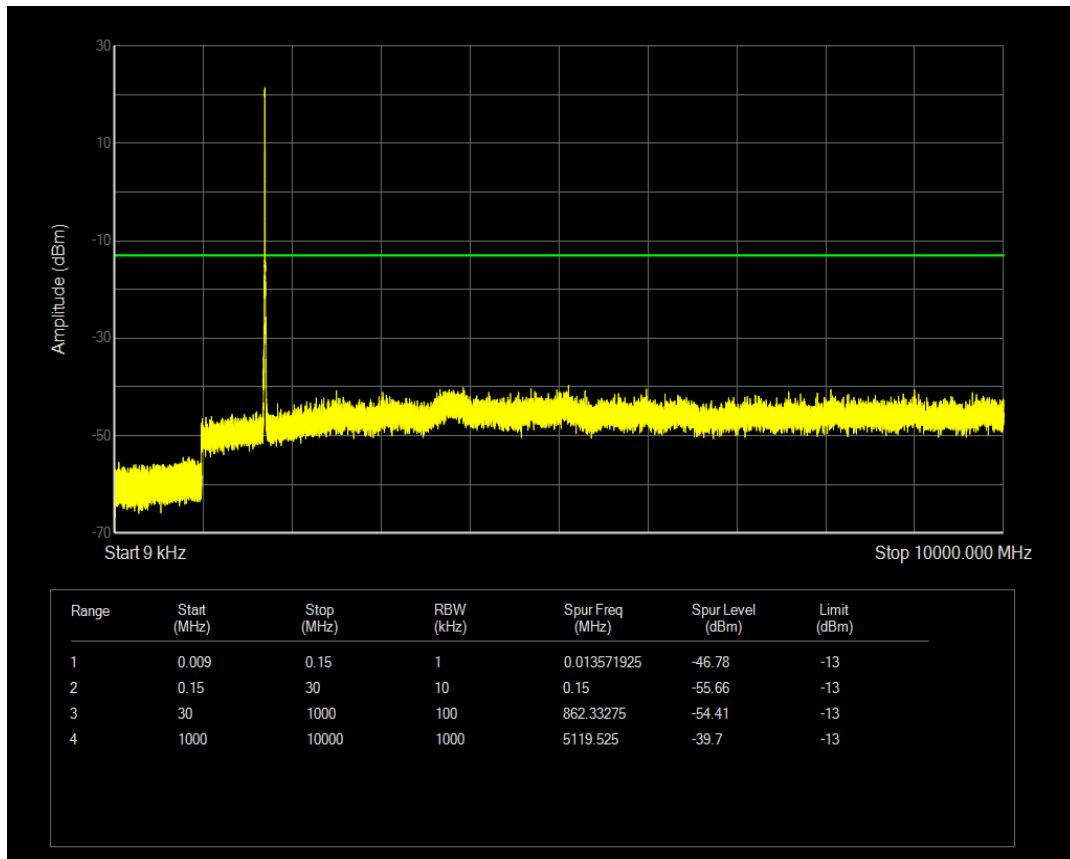
**Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0****Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0**

**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**