

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	35
6 Out-of-band emissions	48

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limt (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	22.26	-4	18.26	30.00	Pass
Band4	1.4	19957	1	#Mid	QPSK	22.44	-4	18.44	30.00	Pass
Band4	1.4	19957	1	#Max	QPSK	22.29	-4	18.29	30.00	Pass
Band4	1.4	19957	3	#0	QPSK	22.45	-4	18.45	30.00	Pass
Band4	1.4	19957	3	#Mid	QPSK	22.42	-4	18.42	30.00	Pass
Band4	1.4	19957	3	#Max	QPSK	22.43	-4	18.43	30.00	Pass
Band4	1.4	19957	6	#0	QPSK	21.4	-4	17.40	30.00	Pass
Band4	1.4	19957	1	#0	QAM16	21.54	-4	17.54	30.00	Pass
Band4	1.4	19957	1	#Mid	QAM16	21.68	-4	17.68	30.00	Pass
Band4	1.4	19957	1	#Max	QAM16	21.56	-4	17.56	30.00	Pass
Band4	1.4	19957	3	#0	QAM16	21.63	-4	17.63	30.00	Pass
Band4	1.4	19957	3	#Mid	QAM16	21.68	-4	17.68	30.00	Pass
Band4	1.4	19957	3	#Max	QAM16	21.66	-4	17.66	30.00	Pass
Band4	1.4	19957	6	#0	QAM16	20.59	-4	16.59	30.00	Pass
Band4	1.4	20175	1	#0	QPSK	22.37	-4	18.37	30.00	Pass
Band4	1.4	20175	1	#Mid	QPSK	22.54	-4	18.54	30.00	Pass
Band4	1.4	20175	1	#Max	QPSK	22.41	-4	18.41	30.00	Pass
Band4	1.4	20175	3	#0	QPSK	22.41	-4	18.41	30.00	Pass
Band4	1.4	20175	3	#Mid	QPSK	22.45	-4	18.45	30.00	Pass
Band4	1.4	20175	3	#Max	QPSK	22.42	-4	18.42	30.00	Pass
Band4	1.4	20175	6	#0	QPSK	21.39	-4	17.39	30.00	Pass
Band4	1.4	20175	1	#0	QAM16	21.16	-4	17.16	30.00	Pass
Band4	1.4	20175	1	#Mid	QAM16	21.35	-4	17.35	30.00	Pass
Band4	1.4	20175	1	#Max	QAM16	21.21	-4	17.21	30.00	Pass
Band4	1.4	20175	3	#0	QAM16	21.49	-4	17.49	30.00	Pass
Band4	1.4	20175	3	#Mid	QAM16	21.52	-4	17.52	30.00	Pass
Band4	1.4	20175	3	#Max	QAM16	21.53	-4	17.53	30.00	Pass
Band4	1.4	20175	6	#0	QAM16	20.63	-4	16.63	30.00	Pass
Band4	1.4	20393	1	#0	QPSK	22.48	-4	18.48	30.00	Pass
Band4	1.4	20393	1	#Mid	QPSK	22.71	-4	18.71	30.00	Pass
Band4	1.4	20393	1	#Max	QPSK	22.52	-4	18.52	30.00	Pass
Band4	1.4	20393	3	#0	QPSK	22.63	-4	18.63	30.00	Pass
Band4	1.4	20393	3	#Mid	QPSK	22.61	-4	18.61	30.00	Pass
Band4	1.4	20393	3	#Max	QPSK	22.58	-4	18.58	30.00	Pass
Band4	1.4	20393	6	#0	QPSK	21.56	-4	17.56	30.00	Pass
Band4	1.4	20393	1	#0	QAM16	21.71	-4	17.71	30.00	Pass
Band4	1.4	20393	1	#Mid	QAM16	21.82	-4	17.82	30.00	Pass

Band4	1.4	20393	1	#Max	QAM16	21.74	-4	17.74	30.00	Pass
Band4	1.4	20393	3	#0	QAM16	21.81	-4	17.81	30.00	Pass
Band4	1.4	20393	3	#Mid	QAM16	21.87	-4	17.87	30.00	Pass
Band4	1.4	20393	3	#Max	QAM16	21.83	-4	17.83	30.00	Pass
Band4	1.4	20393	6	#0	QAM16	20.78	-4	16.78	30.00	Pass
Band4	3	19965	1	#0	QPSK	22.39	-4	18.39	30.00	Pass
Band4	3	19965	1	#Mid	QPSK	22.74	-4	18.74	30.00	Pass
Band4	3	19965	1	#Max	QPSK	22.45	-4	18.45	30.00	Pass
Band4	3	19965	8	#0	QPSK	21.35	-4	17.35	30.00	Pass
Band4	3	19965	8	#Mid	QPSK	21.38	-4	17.38	30.00	Pass
Band4	3	19965	8	#Max	QPSK	21.36	-4	17.36	30.00	Pass
Band4	3	19965	15	#0	QPSK	21.37	-4	17.37	30.00	Pass
Band4	3	19965	1	#0	QAM16	21.29	-4	17.29	30.00	Pass
Band4	3	19965	1	#Mid	QAM16	21.61	-4	17.61	30.00	Pass
Band4	3	19965	1	#Max	QAM16	21.2	-4	17.20	30.00	Pass
Band4	3	19965	8	#0	QAM16	20.39	-4	16.39	30.00	Pass
Band4	3	19965	8	#Mid	QAM16	20.41	-4	16.41	30.00	Pass
Band4	3	19965	8	#Max	QAM16	20.42	-4	16.42	30.00	Pass
Band4	3	19965	15	#0	QAM16	20.45	-4	16.45	30.00	Pass
Band4	3	20175	1	#0	QPSK	22.33	-4	18.33	30.00	Pass
Band4	3	20175	1	#Mid	QPSK	22.72	-4	18.72	30.00	Pass
Band4	3	20175	1	#Max	QPSK	22.3	-4	18.30	30.00	Pass
Band4	3	20175	8	#0	QPSK	21.38	-4	17.38	30.00	Pass
Band4	3	20175	8	#Mid	QPSK	21.41	-4	17.41	30.00	Pass
Band4	3	20175	8	#Max	QPSK	21.36	-4	17.36	30.00	Pass
Band4	3	20175	15	#0	QPSK	21.32	-4	17.32	30.00	Pass
Band4	3	20175	1	#0	QAM16	21.79	-4	17.79	30.00	Pass
Band4	3	20175	1	#Mid	QAM16	21.94	-4	17.94	30.00	Pass
Band4	3	20175	1	#Max	QAM16	21.74	-4	17.74	30.00	Pass
Band4	3	20175	8	#0	QAM16	20.46	-4	16.46	30.00	Pass
Band4	3	20175	8	#Mid	QAM16	20.47	-4	16.47	30.00	Pass
Band4	3	20175	8	#Max	QAM16	20.42	-4	16.42	30.00	Pass
Band4	3	20175	15	#0	QAM16	20.44	-4	16.44	30.00	Pass
Band4	3	20385	1	#0	QPSK	22.5	-4	18.50	30.00	Pass
Band4	3	20385	1	#Mid	QPSK	22.86	-4	18.86	30.00	Pass
Band4	3	20385	1	#Max	QPSK	22.55	-4	18.55	30.00	Pass
Band4	3	20385	8	#0	QPSK	21.51	-4	17.51	30.00	Pass
Band4	3	20385	8	#Mid	QPSK	21.58	-4	17.58	30.00	Pass
Band4	3	20385	8	#Max	QPSK	21.59	-4	17.59	30.00	Pass
Band4	3	20385	15	#0	QPSK	21.51	-4	17.51	30.00	Pass
Band4	3	20385	1	#0	QAM16	21.7	-4	17.70	30.00	Pass
Band4	3	20385	1	#Mid	QAM16	22.06	-4	18.06	30.00	Pass
Band4	3	20385	1	#Max	QAM16	21.76	-4	17.76	30.00	Pass
Band4	3	20385	8	#0	QAM16	20.59	-4	16.59	30.00	Pass

Band4	3	20385	8	#Mid	QAM16	20.64	-4	16.64	30.00	Pass
Band4	3	20385	8	#Max	QAM16	20.61	-4	16.61	30.00	Pass
Band4	3	20385	15	#0	QAM16	20.5	-4	16.50	30.00	Pass
Band4	5	19975	1	#0	QPSK	22.29	-4	18.29	30.00	Pass
Band4	5	19975	1	#Mid	QPSK	22.66	-4	18.66	30.00	Pass
Band4	5	19975	1	#Max	QPSK	22.28	-4	18.28	30.00	Pass
Band4	5	19975	12	#0	QPSK	21.33	-4	17.33	30.00	Pass
Band4	5	19975	12	#Mid	QPSK	21.44	-4	17.44	30.00	Pass
Band4	5	19975	12	#Max	QPSK	21.37	-4	17.37	30.00	Pass
Band4	5	19975	25	#0	QPSK	21.35	-4	17.35	30.00	Pass
Band4	5	19975	1	#0	QAM16	21.81	-4	17.81	30.00	Pass
Band4	5	19975	1	#Mid	QAM16	22.22	-4	18.22	30.00	Pass
Band4	5	19975	1	#Max	QAM16	21.78	-4	17.78	30.00	Pass
Band4	5	19975	12	#0	QAM16	20.34	-4	16.34	30.00	Pass
Band4	5	19975	12	#Mid	QAM16	20.44	-4	16.44	30.00	Pass
Band4	5	19975	12	#Max	QAM16	20.39	-4	16.39	30.00	Pass
Band4	5	19975	25	#0	QAM16	20.4	-4	16.40	30.00	Pass
Band4	5	20175	1	#0	QPSK	22.29	-4	18.29	30.00	Pass
Band4	5	20175	1	#Mid	QPSK	22.61	-4	18.61	30.00	Pass
Band4	5	20175	1	#Max	QPSK	22.24	-4	18.24	30.00	Pass
Band4	5	20175	12	#0	QPSK	21.35	-4	17.35	30.00	Pass
Band4	5	20175	12	#Mid	QPSK	21.4	-4	17.40	30.00	Pass
Band4	5	20175	12	#Max	QPSK	21.31	-4	17.31	30.00	Pass
Band4	5	20175	25	#0	QPSK	21.38	-4	17.38	30.00	Pass
Band4	5	20175	1	#0	QAM16	21.61	-4	17.61	30.00	Pass
Band4	5	20175	1	#Mid	QAM16	21.96	-4	17.96	30.00	Pass
Band4	5	20175	1	#Max	QAM16	21.59	-4	17.59	30.00	Pass
Band4	5	20175	12	#0	QAM16	20.36	-4	16.36	30.00	Pass
Band4	5	20175	12	#Mid	QAM16	20.38	-4	16.38	30.00	Pass
Band4	5	20175	12	#Max	QAM16	20.32	-4	16.32	30.00	Pass
Band4	5	20175	25	#0	QAM16	20.41	-4	16.41	30.00	Pass
Band4	5	20375	1	#0	QPSK	22.34	-4	18.34	30.00	Pass
Band4	5	20375	1	#Mid	QPSK	22.79	-4	18.79	30.00	Pass
Band4	5	20375	1	#Max	QPSK	22.38	-4	18.38	30.00	Pass
Band4	5	20375	12	#0	QPSK	21.45	-4	17.45	30.00	Pass
Band4	5	20375	12	#Mid	QPSK	21.57	-4	17.57	30.00	Pass
Band4	5	20375	12	#Max	QPSK	21.52	-4	17.52	30.00	Pass
Band4	5	20375	25	#0	QPSK	21.54	-4	17.54	30.00	Pass
Band4	5	20375	1	#0	QAM16	21.68	-4	17.68	30.00	Pass
Band4	5	20375	1	#Mid	QAM16	22.21	-4	18.21	30.00	Pass
Band4	5	20375	1	#Max	QAM16	21.74	-4	17.74	30.00	Pass
Band4	5	20375	12	#0	QAM16	20.55	-4	16.55	30.00	Pass
Band4	5	20375	12	#Mid	QAM16	20.62	-4	16.62	30.00	Pass
Band4	5	20375	12	#Max	QAM16	20.63	-4	16.63	30.00	Pass

Band4	5	20375	25	#0	QAM16	20.54	-4	16.54	30.00	Pass
Band4	10	20000	1	#0	QPSK	22.34	-4	18.34	30.00	Pass
Band4	10	20000	1	#Mid	QPSK	22.46	-4	18.46	30.00	Pass
Band4	10	20000	1	#Max	QPSK	22.36	-4	18.36	30.00	Pass
Band4	10	20000	25	#0	QPSK	21.36	-4	17.36	30.00	Pass
Band4	10	20000	25	#Mid	QPSK	21.35	-4	17.35	30.00	Pass
Band4	10	20000	25	#Max	QPSK	21.45	-4	17.45	30.00	Pass
Band4	10	20000	50	#0	QPSK	21.37	-4	17.37	30.00	Pass
Band4	10	20000	1	#0	QAM16	21.79	-4	17.79	30.00	Pass
Band4	10	20000	1	#Mid	QAM16	21.86	-4	17.86	30.00	Pass
Band4	10	20000	1	#Max	QAM16	21.78	-4	17.78	30.00	Pass
Band4	10	20000	25	#0	QAM16	20.45	-4	16.45	30.00	Pass
Band4	10	20000	25	#Mid	QAM16	20.47	-4	16.47	30.00	Pass
Band4	10	20000	25	#Max	QAM16	20.54	-4	16.54	30.00	Pass
Band4	10	20000	50	#0	QAM16	20.42	-4	16.42	30.00	Pass
Band4	10	20175	1	#0	QPSK	22.36	-4	18.36	30.00	Pass
Band4	10	20175	1	#Mid	QPSK	22.45	-4	18.45	30.00	Pass
Band4	10	20175	1	#Max	QPSK	22.29	-4	18.29	30.00	Pass
Band4	10	20175	25	#0	QPSK	21.45	-4	17.45	30.00	Pass
Band4	10	20175	25	#Mid	QPSK	21.37	-4	17.37	30.00	Pass
Band4	10	20175	25	#Max	QPSK	21.32	-4	17.32	30.00	Pass
Band4	10	20175	50	#0	QPSK	21.36	-4	17.36	30.00	Pass
Band4	10	20175	1	#0	QAM16	21.57	-4	17.57	30.00	Pass
Band4	10	20175	1	#Mid	QAM16	21.65	-4	17.65	30.00	Pass
Band4	10	20175	1	#Max	QAM16	21.47	-4	17.47	30.00	Pass
Band4	10	20175	25	#0	QAM16	20.46	-4	16.46	30.00	Pass
Band4	10	20175	25	#Mid	QAM16	20.38	-4	16.38	30.00	Pass
Band4	10	20175	25	#Max	QAM16	20.37	-4	16.37	30.00	Pass
Band4	10	20175	50	#0	QAM16	20.45	-4	16.45	30.00	Pass
Band4	10	20350	1	#0	QPSK	22.51	-4	18.51	30.00	Pass
Band4	10	20350	1	#Mid	QPSK	22.68	-4	18.68	30.00	Pass
Band4	10	20350	1	#Max	QPSK	22.62	-4	18.62	30.00	Pass
Band4	10	20350	25	#0	QPSK	21.45	-4	17.45	30.00	Pass
Band4	10	20350	25	#Mid	QPSK	21.46	-4	17.46	30.00	Pass
Band4	10	20350	25	#Max	QPSK	21.54	-4	17.54	30.00	Pass
Band4	10	20350	50	#0	QPSK	21.5	-4	17.50	30.00	Pass
Band4	10	20350	1	#0	QAM16	21.25	-4	17.25	30.00	Pass
Band4	10	20350	1	#Mid	QAM16	21.42	-4	17.42	30.00	Pass
Band4	10	20350	1	#Max	QAM16	21.35	-4	17.35	30.00	Pass
Band4	10	20350	25	#0	QAM16	20.51	-4	16.51	30.00	Pass
Band4	10	20350	25	#Mid	QAM16	20.51	-4	16.51	30.00	Pass
Band4	10	20350	25	#Max	QAM16	20.59	-4	16.59	30.00	Pass
Band4	10	20350	50	#0	QAM16	20.52	-4	16.52	30.00	Pass
Band4	15	20025	1	#0	QPSK	22.31	-4	18.31	30.00	Pass

Band4	15	20025	1	#Mid	QPSK	22.68	-4	18.68	30.00	Pass
Band4	15	20025	1	#Max	QPSK	22.32	-4	18.32	30.00	Pass
Band4	15	20025	36	#0	QPSK	21.35	-4	17.35	30.00	Pass
Band4	15	20025	36	#Mid	QPSK	21.46	-4	17.46	30.00	Pass
Band4	15	20025	36	#Max	QPSK	21.48	-4	17.48	30.00	Pass
Band4	15	20025	75	#0	QPSK	21.47	-4	17.47	30.00	Pass
Band4	15	20025	1	#0	QAM16	21.73	-4	17.73	30.00	Pass
Band4	15	20025	1	#Mid	QAM16	22.13	-4	18.13	30.00	Pass
Band4	15	20025	1	#Max	QAM16	21.7	-4	17.70	30.00	Pass
Band4	15	20025	36	#0	QAM16	20.43	-4	16.43	30.00	Pass
Band4	15	20025	36	#Mid	QAM16	20.53	-4	16.53	30.00	Pass
Band4	15	20025	36	#Max	QAM16	20.54	-4	16.54	30.00	Pass
Band4	15	20025	75	#0	QAM16	20.5	-4	16.50	30.00	Pass
Band4	15	20175	1	#0	QPSK	22.35	-4	18.35	30.00	Pass
Band4	15	20175	1	#Mid	QPSK	22.6	-4	18.60	30.00	Pass
Band4	15	20175	1	#Max	QPSK	22.19	-4	18.19	30.00	Pass
Band4	15	20175	36	#0	QPSK	21.51	-4	17.51	30.00	Pass
Band4	15	20175	36	#Mid	QPSK	21.44	-4	17.44	30.00	Pass
Band4	15	20175	36	#Max	QPSK	21.34	-4	17.34	30.00	Pass
Band4	15	20175	75	#0	QPSK	21.43	-4	17.43	30.00	Pass
Band4	15	20175	1	#0	QAM16	21.56	-4	17.56	30.00	Pass
Band4	15	20175	1	#Mid	QAM16	21.79	-4	17.79	30.00	Pass
Band4	15	20175	1	#Max	QAM16	21.38	-4	17.38	30.00	Pass
Band4	15	20175	36	#0	QAM16	20.56	-4	16.56	30.00	Pass
Band4	15	20175	36	#Mid	QAM16	20.5	-4	16.50	30.00	Pass
Band4	15	20175	36	#Max	QAM16	20.45	-4	16.45	30.00	Pass
Band4	15	20175	75	#0	QAM16	20.45	-4	16.45	30.00	Pass
Band4	15	20325	1	#0	QPSK	22.33	-4	18.33	30.00	Pass
Band4	15	20325	1	#Mid	QPSK	22.73	-4	18.73	30.00	Pass
Band4	15	20325	1	#Max	QPSK	22.48	-4	18.48	30.00	Pass
Band4	15	20325	36	#0	QPSK	21.51	-4	17.51	30.00	Pass
Band4	15	20325	36	#Mid	QPSK	21.54	-4	17.54	30.00	Pass
Band4	15	20325	36	#Max	QPSK	21.6	-4	17.60	30.00	Pass
Band4	15	20325	75	#0	QPSK	21.57	-4	17.57	30.00	Pass
Band4	15	20325	1	#0	QAM16	21.55	-4	17.55	30.00	Pass
Band4	15	20325	1	#Mid	QAM16	21.9	-4	17.90	30.00	Pass
Band4	15	20325	1	#Max	QAM16	21.64	-4	17.64	30.00	Pass
Band4	15	20325	36	#0	QAM16	20.6	-4	16.60	30.00	Pass
Band4	15	20325	36	#Mid	QAM16	20.62	-4	16.62	30.00	Pass
Band4	15	20325	36	#Max	QAM16	20.67	-4	16.67	30.00	Pass
Band4	15	20325	75	#0	QAM16	20.54	-4	16.54	30.00	Pass
Band4	20	20050	1	#0	QPSK	22.2	-4	18.20	30.00	Pass
Band4	20	20050	1	#Mid	QPSK	22.55	-4	18.55	30.00	Pass
Band4	20	20050	1	#Max	QPSK	22.12	-4	18.12	30.00	Pass

Band4	20	20050	50	#0	QPSK	21.3	-4	17.30	30.00	Pass
Band4	20	20050	50	#Mid	QPSK	21.4	-4	17.40	30.00	Pass
Band4	20	20050	50	#Max	QPSK	21.39	-4	17.39	30.00	Pass
Band4	20	20050	100	#0	QPSK	21.37	-4	17.37	30.00	Pass
Band4	20	20050	1	#0	QAM16	21.52	-4	17.52	30.00	Pass
Band4	20	20050	1	#Mid	QAM16	21.84	-4	17.84	30.00	Pass
Band4	20	20050	1	#Max	QAM16	21.43	-4	17.43	30.00	Pass
Band4	20	20050	50	#0	QAM16	20.44	-4	16.44	30.00	Pass
Band4	20	20050	50	#Mid	QAM16	20.52	-4	16.52	30.00	Pass
Band4	20	20050	50	#Max	QAM16	20.48	-4	16.48	30.00	Pass
Band4	20	20050	100	#0	QAM16	20.41	-4	16.41	30.00	Pass
Band4	20	20175	1	#0	QPSK	22.29	-4	18.29	30.00	Pass
Band4	20	20175	1	#Mid	QPSK	22.61	-4	18.61	30.00	Pass
Band4	20	20175	1	#Max	QPSK	22.14	-4	18.14	30.00	Pass
Band4	20	20175	50	#0	QPSK	21.45	-4	17.45	30.00	Pass
Band4	20	20175	50	#Mid	QPSK	21.34	-4	17.34	30.00	Pass
Band4	20	20175	50	#Max	QPSK	21.25	-4	17.25	30.00	Pass
Band4	20	20175	100	#0	QPSK	21.34	-4	17.34	30.00	Pass
Band4	20	20175	1	#0	QAM16	21.48	-4	17.48	30.00	Pass
Band4	20	20175	1	#Mid	QAM16	21.71	-4	17.71	30.00	Pass
Band4	20	20175	1	#Max	QAM16	21.31	-4	17.31	30.00	Pass
Band4	20	20175	50	#0	QAM16	20.54	-4	16.54	30.00	Pass
Band4	20	20175	50	#Mid	QAM16	20.43	-4	16.43	30.00	Pass
Band4	20	20175	50	#Max	QAM16	20.31	-4	16.31	30.00	Pass
Band4	20	20175	100	#0	QAM16	20.39	-4	16.39	30.00	Pass
Band4	20	20300	1	#0	QPSK	22.3	-4	18.30	30.00	Pass
Band4	20	20300	1	#Mid	QPSK	22.62	-4	18.62	30.00	Pass
Band4	20	20300	1	#Max	QPSK	22.33	-4	18.33	30.00	Pass
Band4	20	20300	50	#0	QPSK	21.45	-4	17.45	30.00	Pass
Band4	20	20300	50	#Mid	QPSK	21.45	-4	17.45	30.00	Pass
Band4	20	20300	50	#Max	QPSK	21.49	-4	17.49	30.00	Pass
Band4	20	20300	100	#0	QPSK	21.49	-4	17.49	30.00	Pass
Band4	20	20300	1	#0	QAM16	21.52	-4	17.52	30.00	Pass
Band4	20	20300	1	#Mid	QAM16	21.76	-4	17.76	30.00	Pass
Band4	20	20300	1	#Max	QAM16	21.54	-4	17.54	30.00	Pass
Band4	20	20300	50	#0	QAM16	20.55	-4	16.55	30.00	Pass
Band4	20	20300	50	#Mid	QAM16	20.54	-4	16.54	30.00	Pass
Band4	20	20300	50	#Max	QAM16	20.58	-4	16.58	30.00	Pass
Band4	20	20300	100	#0	QAM16	20.53	-4	16.53	30.00	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	-6.17	-0.004	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	-6.13	-0.004	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	-5.35	-0.003	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	-5.09	-0.003	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	-2.67	-0.002	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	-7.83	-0.004	-2.5	2.5	PASS

Note: (Voltage: 3.85V, Temperature: 25°C) only reflect the worst mode.

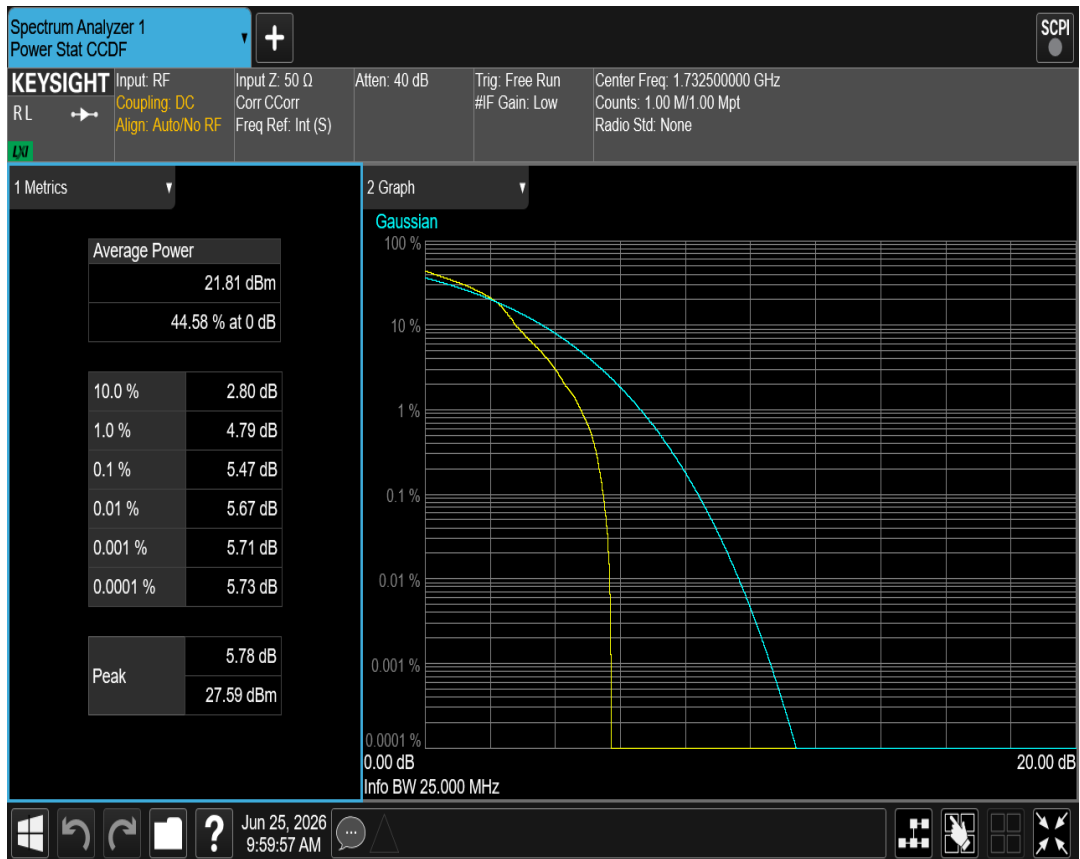
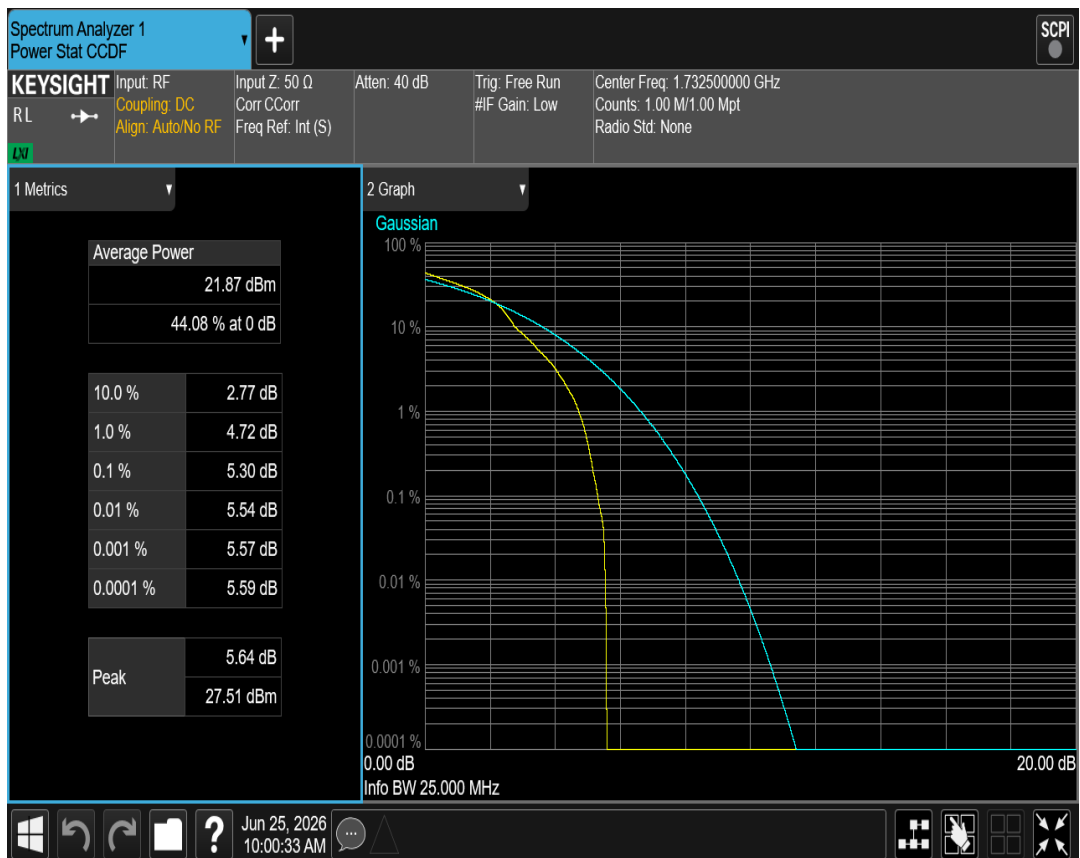
3 Peak-to-Average Ratio

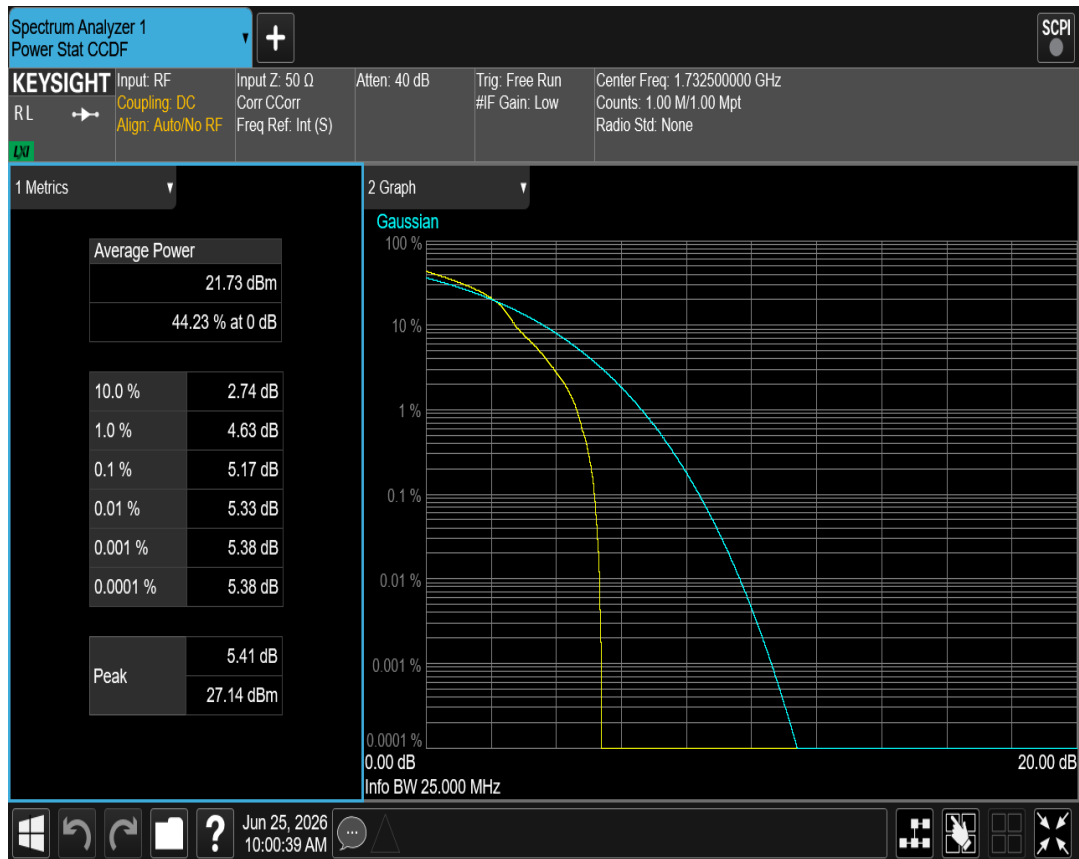
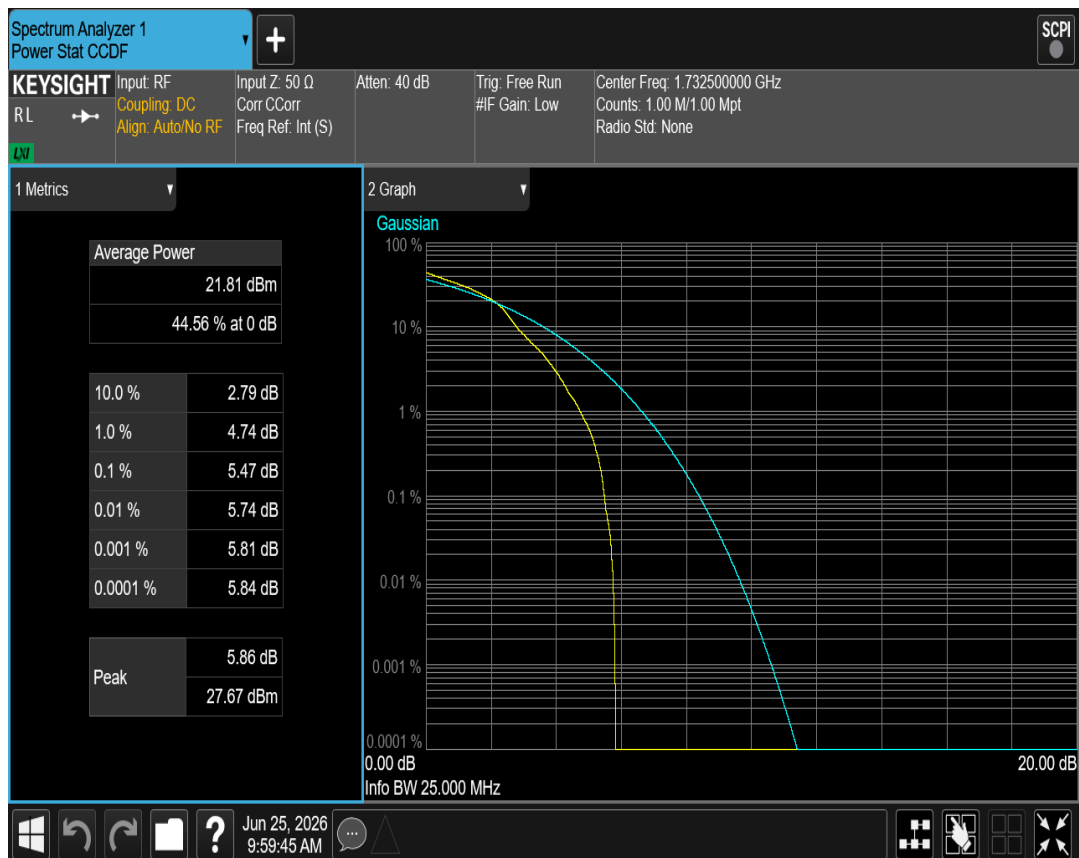
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QPSK	4.74	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.59	13	PASS
Band4	3	20175	1	#0	QPSK	4.64	13	PASS
Band4	3	20175	1	#0	QAM16	5.47	13	PASS
Band4	5	20175	1	#0	QPSK	4.81	13	PASS
Band4	5	20175	1	#0	QAM16	5.45	13	PASS
Band4	10	20175	1	#0	QPSK	4.53	13	PASS
Band4	10	20175	1	#0	QAM16	5.47	13	PASS
Band4	15	20175	1	#0	QPSK	4.65	13	PASS
Band4	15	20175	1	#0	QAM16	5.30	13	PASS
Band4	20	20175	1	#0	QPSK	4.59	13	PASS
Band4	20	20175	1	#0	QAM16	5.17	13	PASS

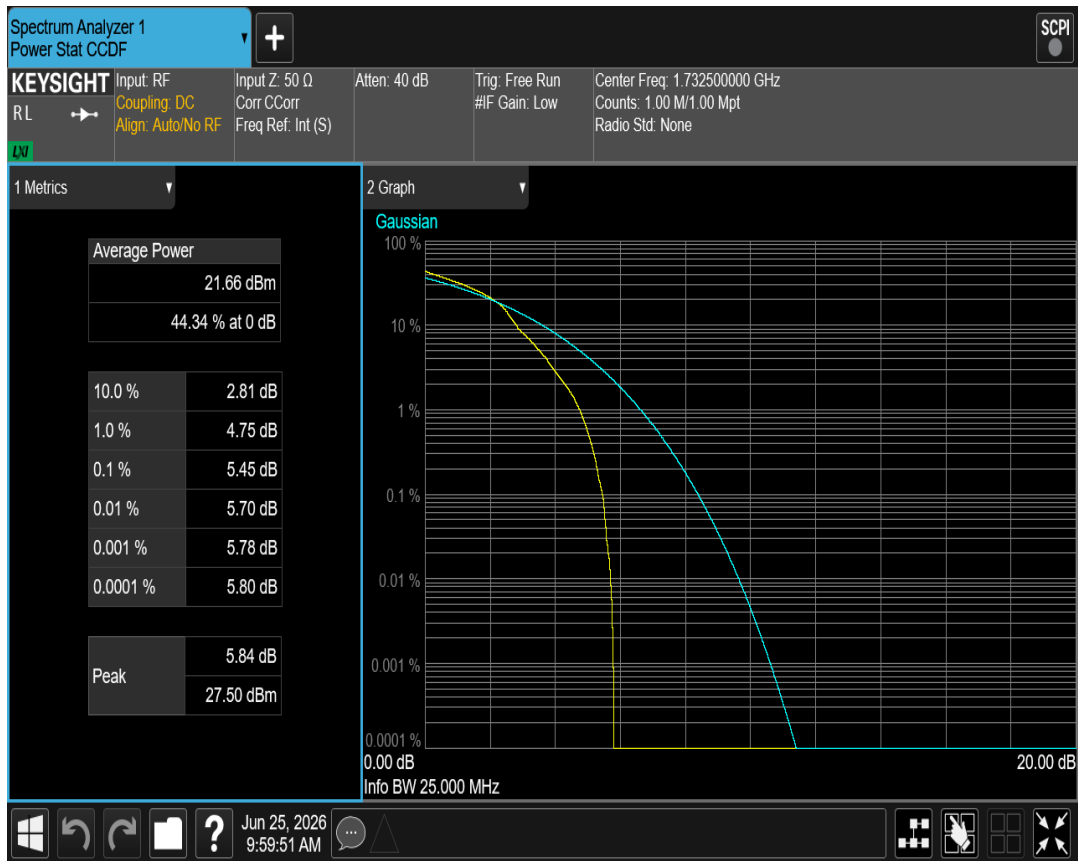
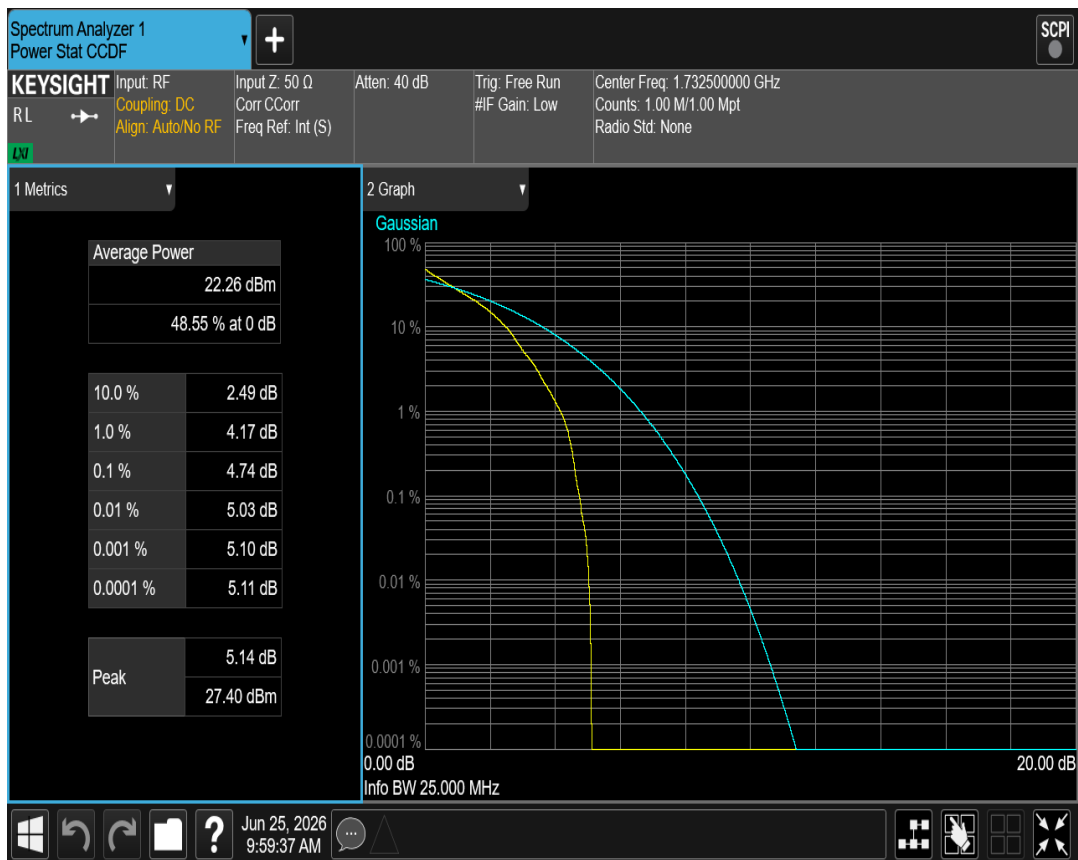
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0

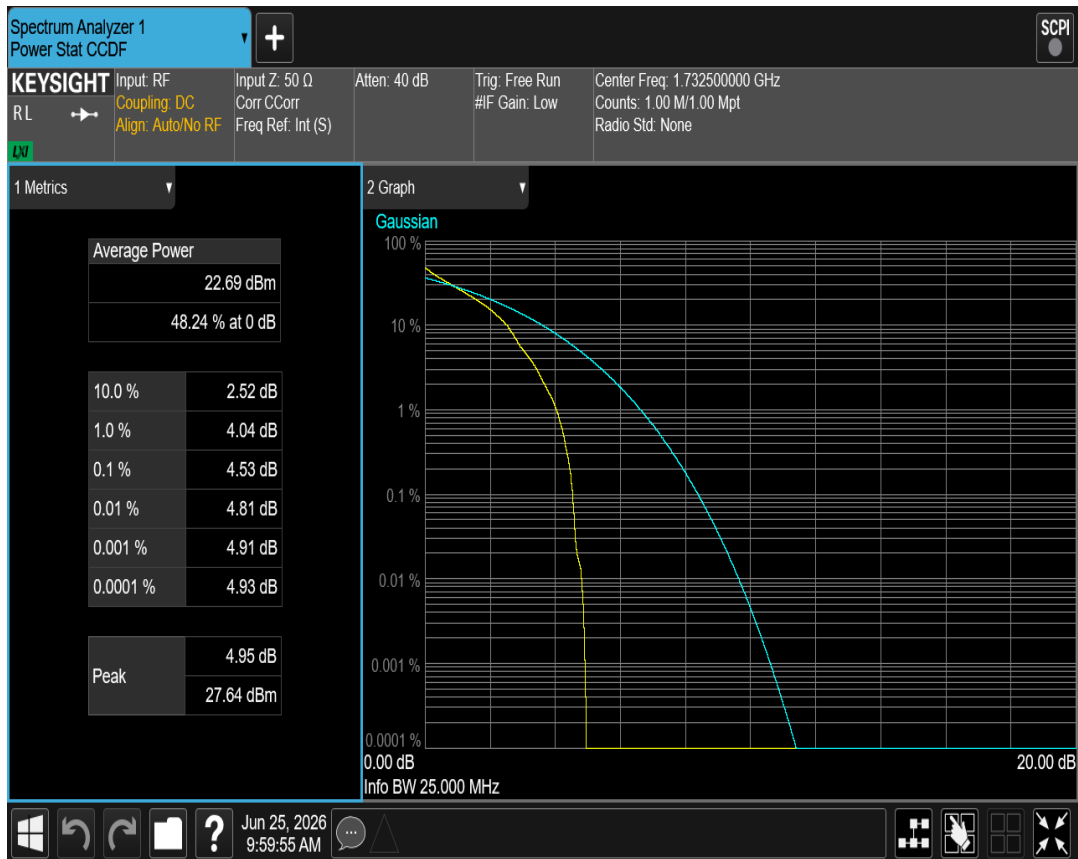
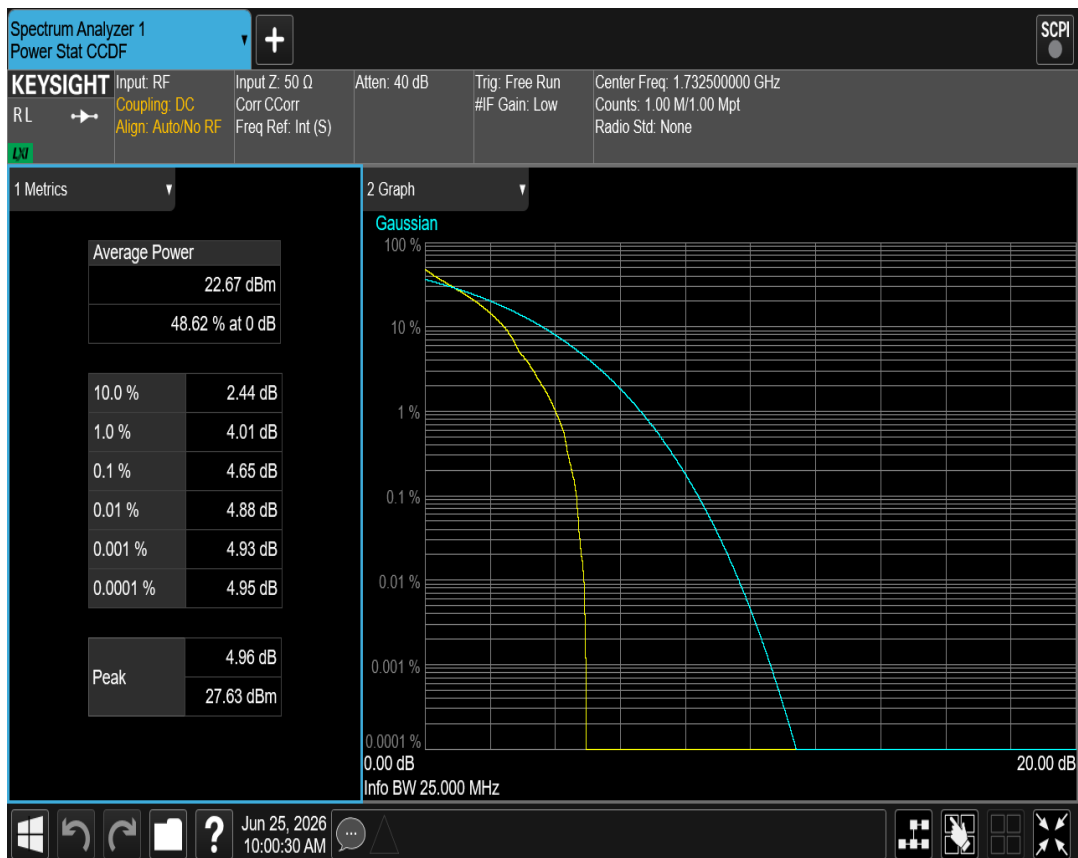


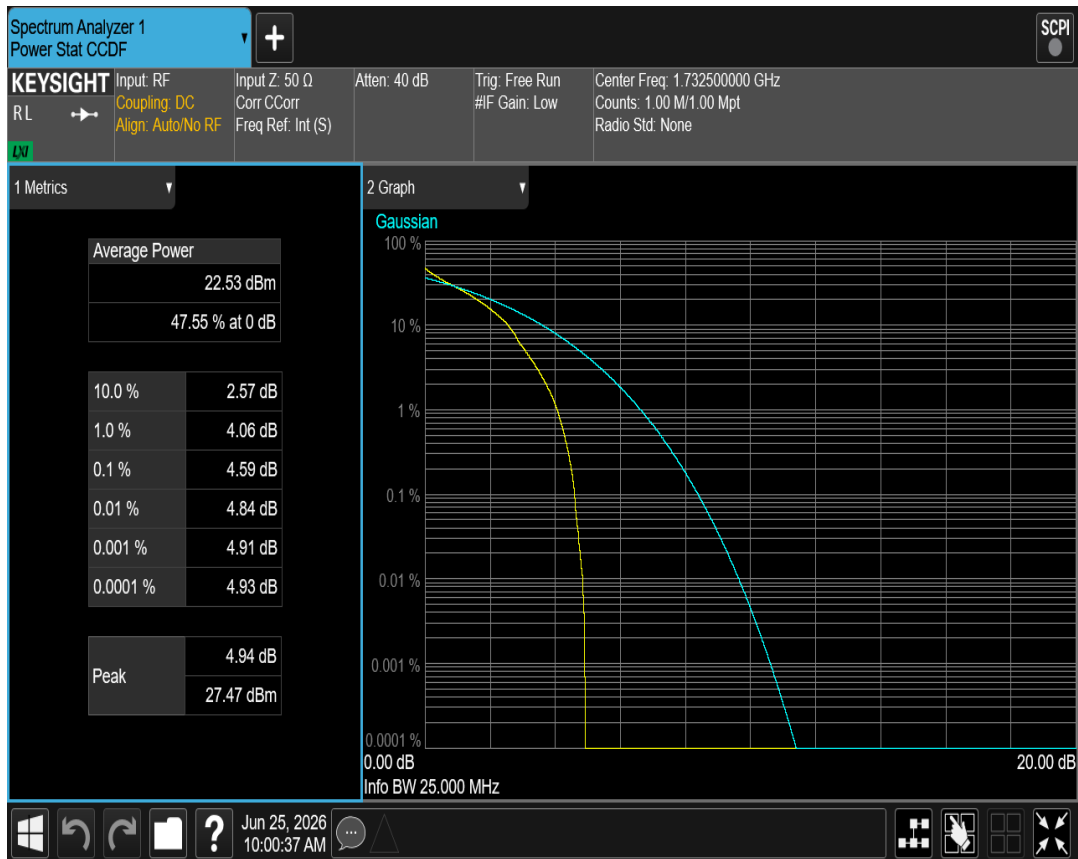
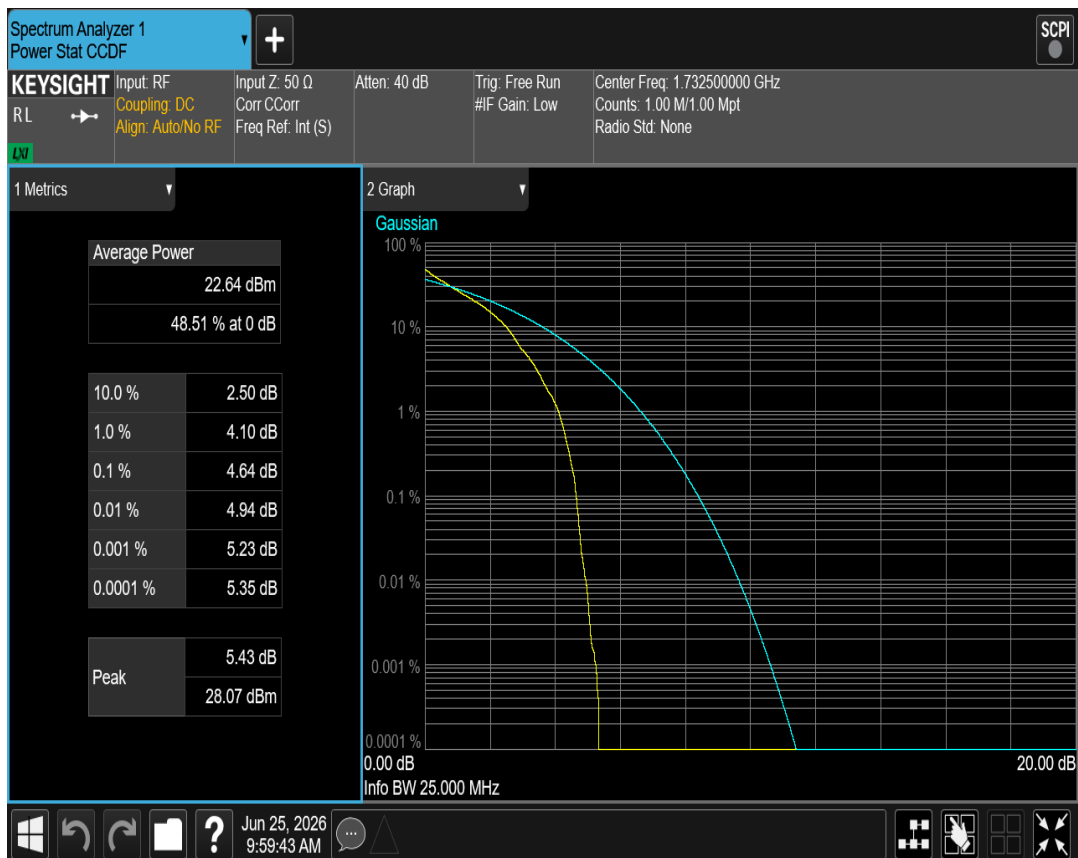
Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0

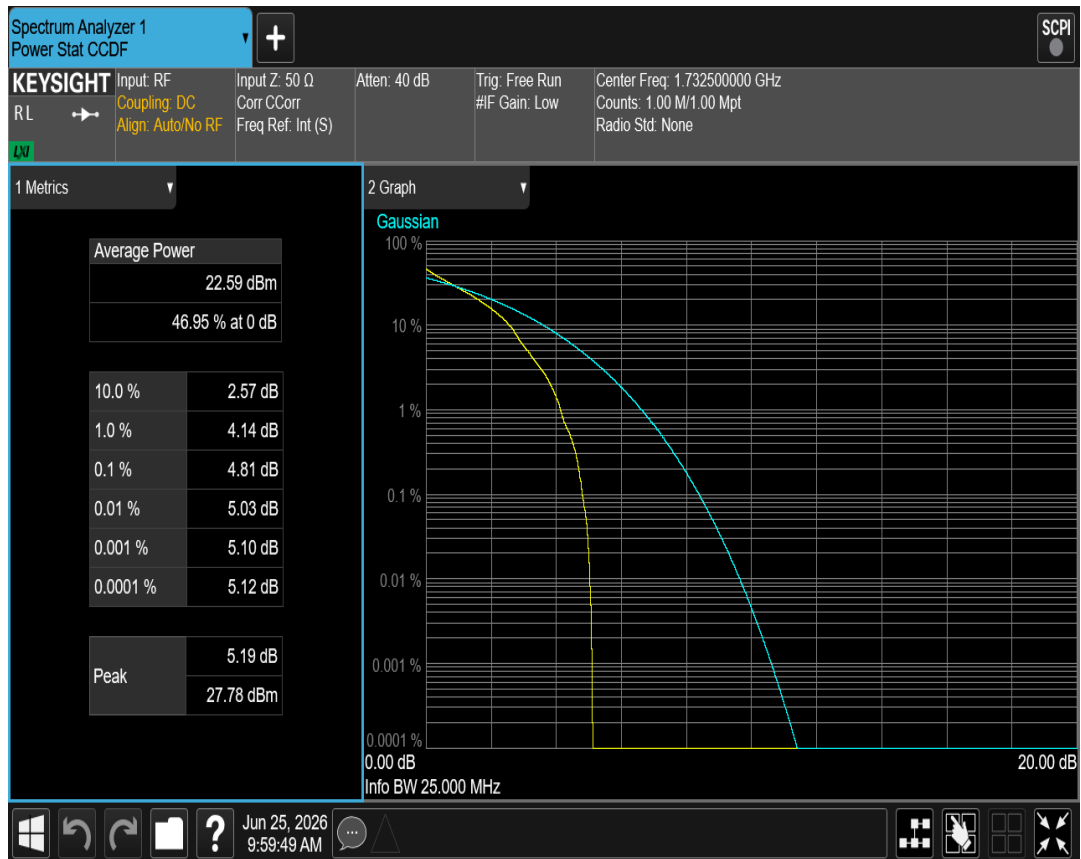
**Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0****Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0**

**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**

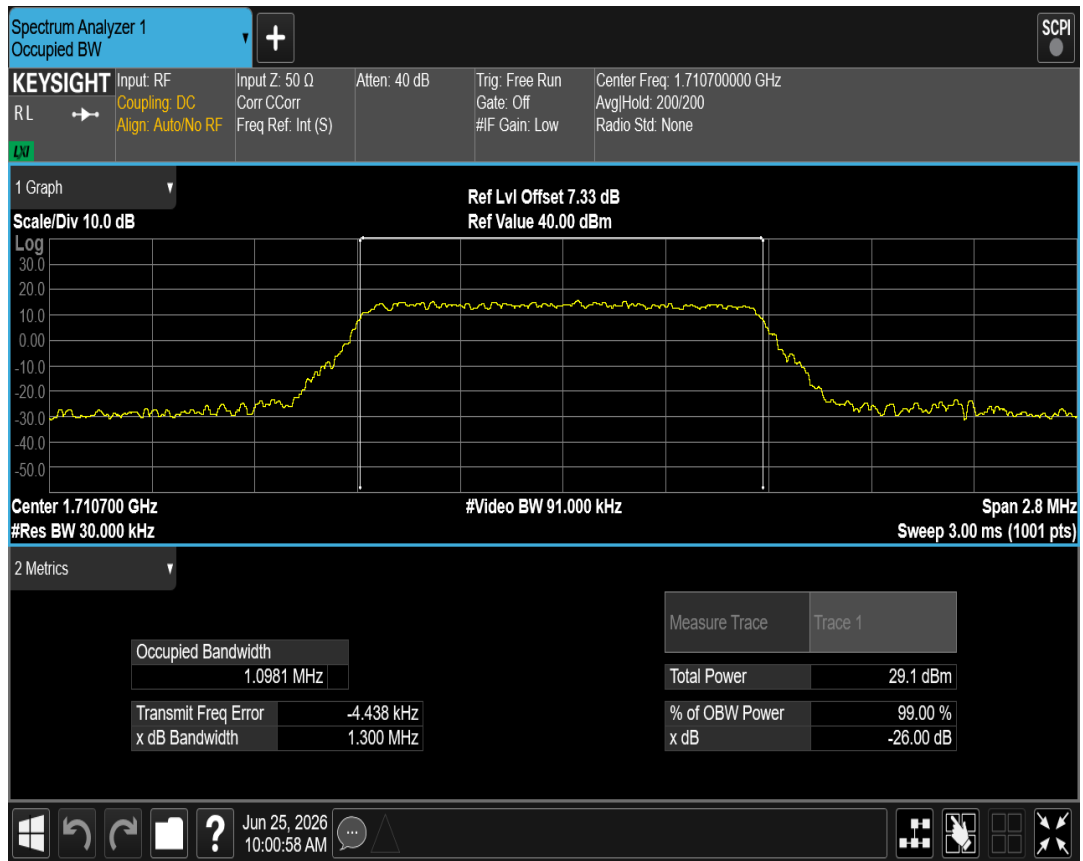
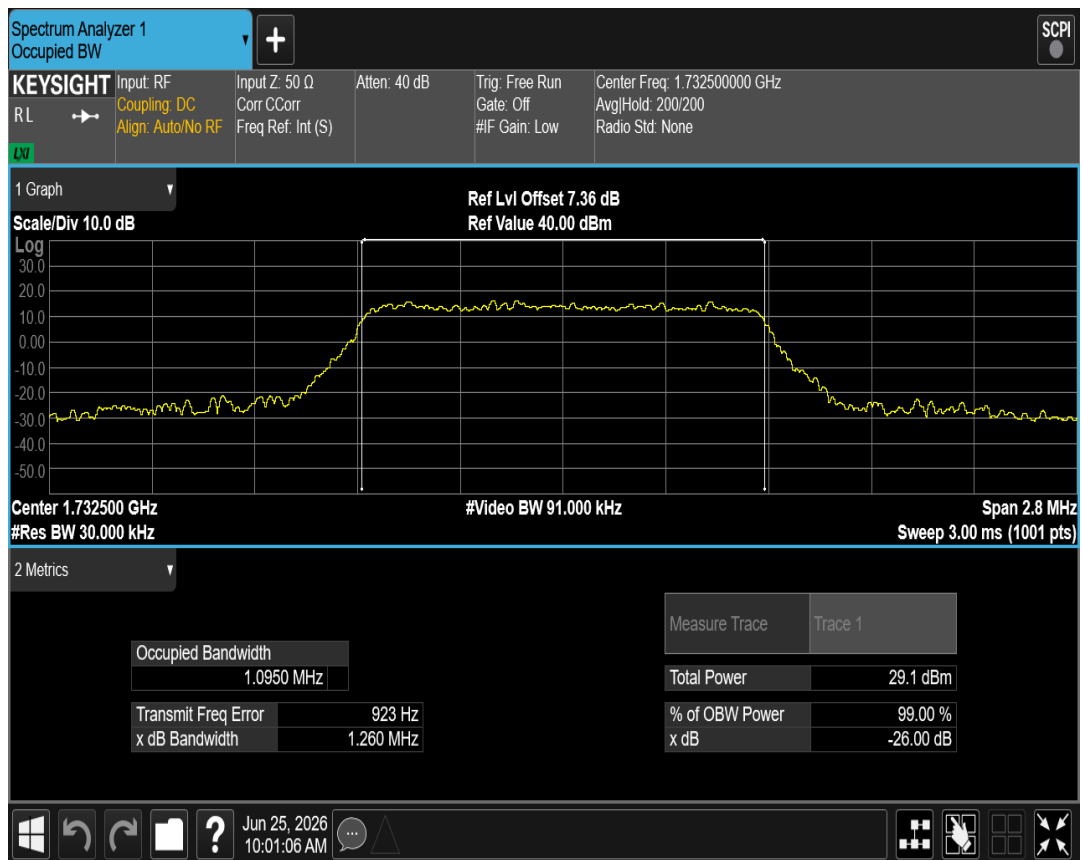
**Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0****Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0**

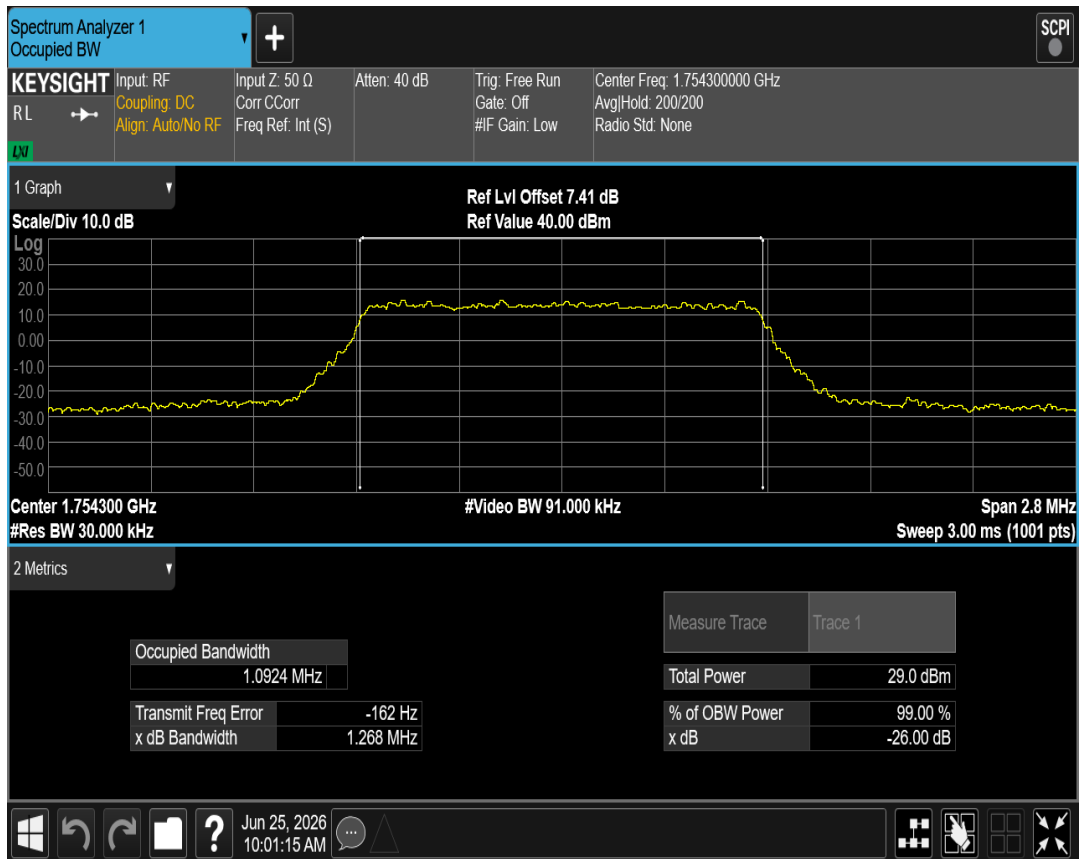


4 Occupied bandwidth

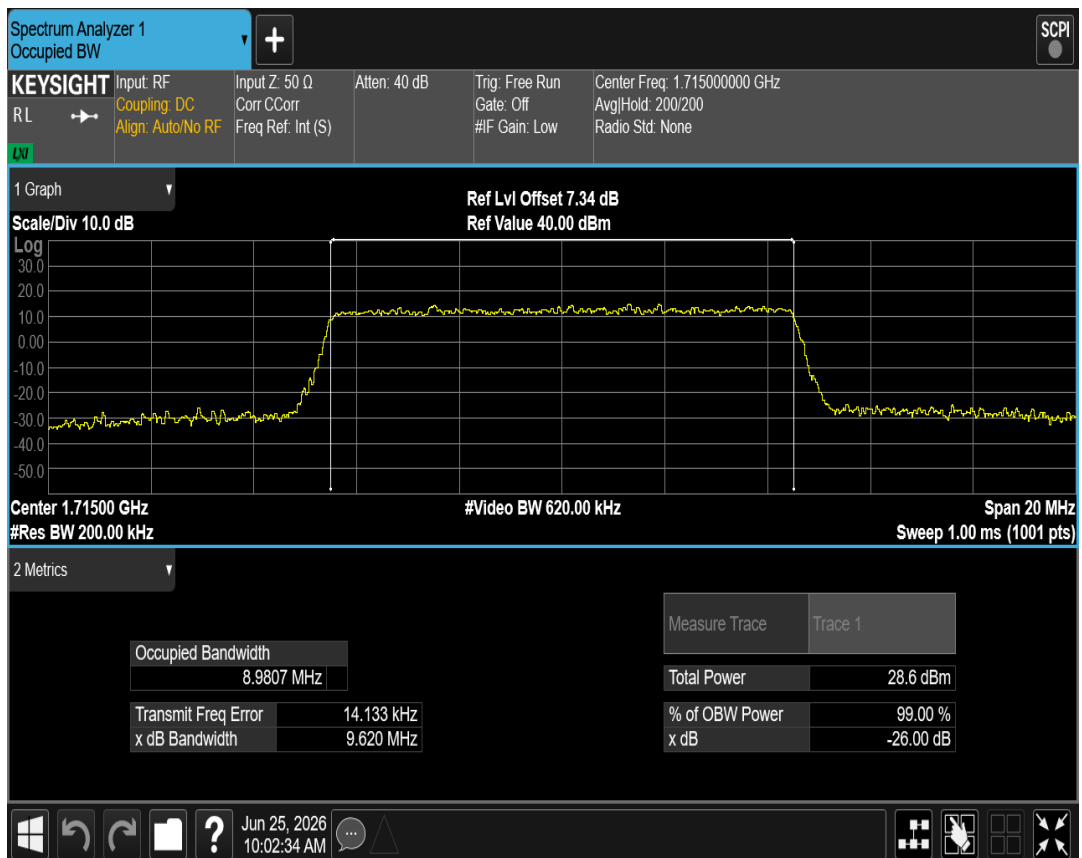
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.090	1.267	PASS
Band4	1.4	19957	6	#0	QAM16	1.098	1.300	PASS
Band4	1.4	20175	6	#0	QPSK	1.093	1.274	PASS
Band4	1.4	20175	6	#0	QAM16	1.095	1.260	PASS
Band4	1.4	20393	6	#0	QPSK	1.092	1.314	PASS
Band4	1.4	20393	6	#0	QAM16	1.092	1.268	PASS
Band4	3	19965	15	#0	QPSK	2.692	2.942	PASS
Band4	3	19965	15	#0	QAM16	2.685	2.893	PASS
Band4	3	20175	15	#0	QPSK	2.689	2.915	PASS
Band4	3	20175	15	#0	QAM16	2.691	2.921	PASS
Band4	3	20385	15	#0	QPSK	2.698	2.908	PASS
Band4	3	20385	15	#0	QAM16	2.680	2.938	PASS
Band4	5	19975	25	#0	QPSK	4.531	4.918	PASS
Band4	5	19975	25	#0	QAM16	4.504	4.889	PASS
Band4	5	20175	25	#0	QPSK	4.513	4.905	PASS
Band4	5	20175	25	#0	QAM16	4.516	4.926	PASS
Band4	5	20375	25	#0	QPSK	4.511	4.910	PASS
Band4	5	20375	25	#0	QAM16	4.513	4.921	PASS
Band4	10	20000	50	#0	QPSK	8.963	9.684	PASS
Band4	10	20000	50	#0	QAM16	8.981	9.620	PASS
Band4	10	20175	50	#0	QPSK	8.985	9.755	PASS
Band4	10	20175	50	#0	QAM16	8.980	9.670	PASS
Band4	10	20350	50	#0	QPSK	8.993	9.758	PASS
Band4	10	20350	50	#0	QAM16	9.007	9.680	PASS
Band4	15	20025	75	#0	QPSK	13.496	14.445	PASS
Band4	15	20025	75	#0	QAM16	13.472	14.496	PASS
Band4	15	20175	75	#0	QPSK	13.446	14.474	PASS
Band4	15	20175	75	#0	QAM16	13.462	14.607	PASS
Band4	15	20325	75	#0	QPSK	13.464	14.618	PASS
Band4	15	20325	75	#0	QAM16	13.438	14.490	PASS
Band4	20	20050	100	#0	QPSK	17.958	19.210	PASS
Band4	20	20050	100	#0	QAM16	17.906	19.220	PASS
Band4	20	20175	100	#0	QPSK	17.943	19.415	PASS
Band4	20	20175	100	#0	QAM16	17.967	19.349	PASS
Band4	20	20300	100	#0	QPSK	17.959	19.332	PASS
Band4	20	20300	100	#0	QAM16	17.957	19.213	PASS

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

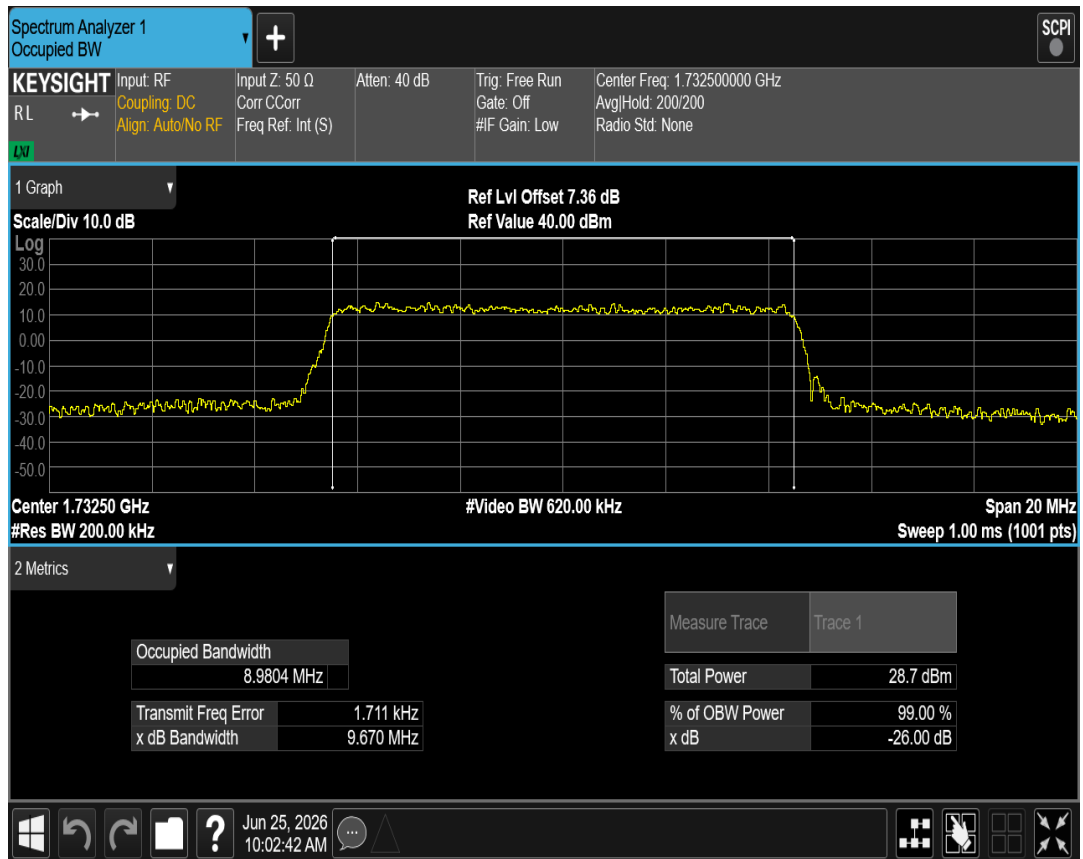
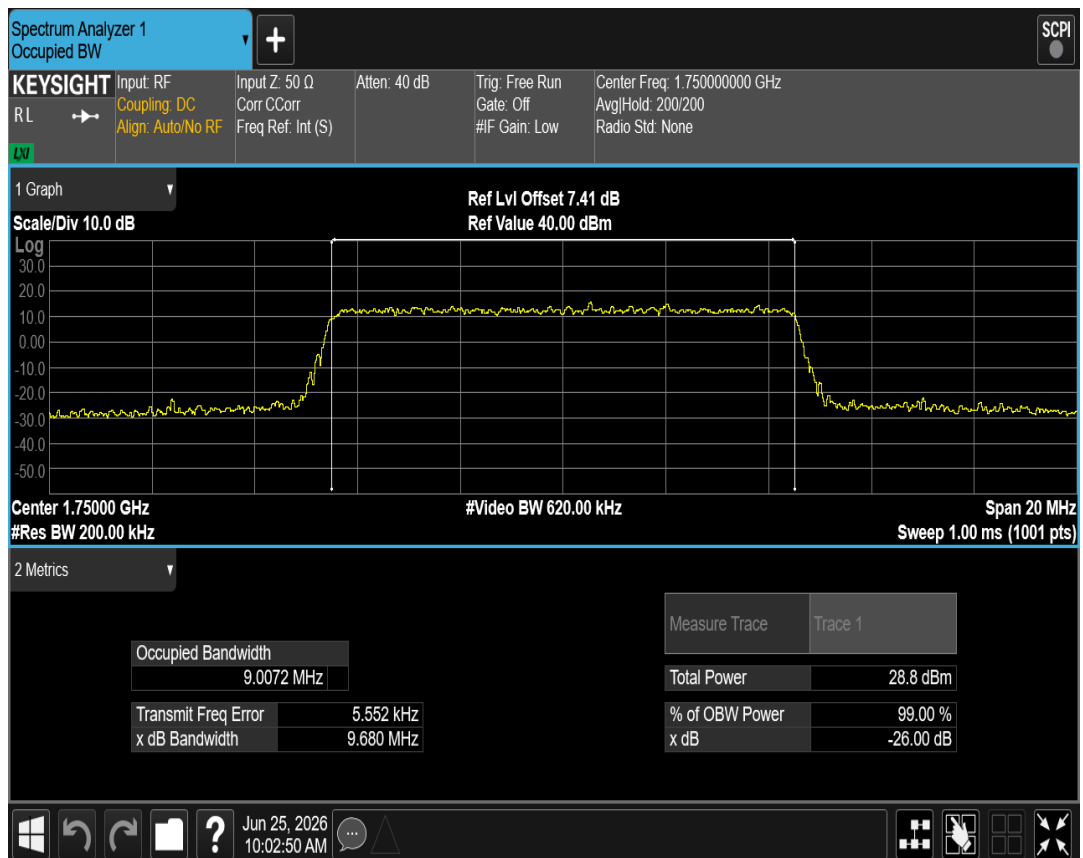
**Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0****Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0**

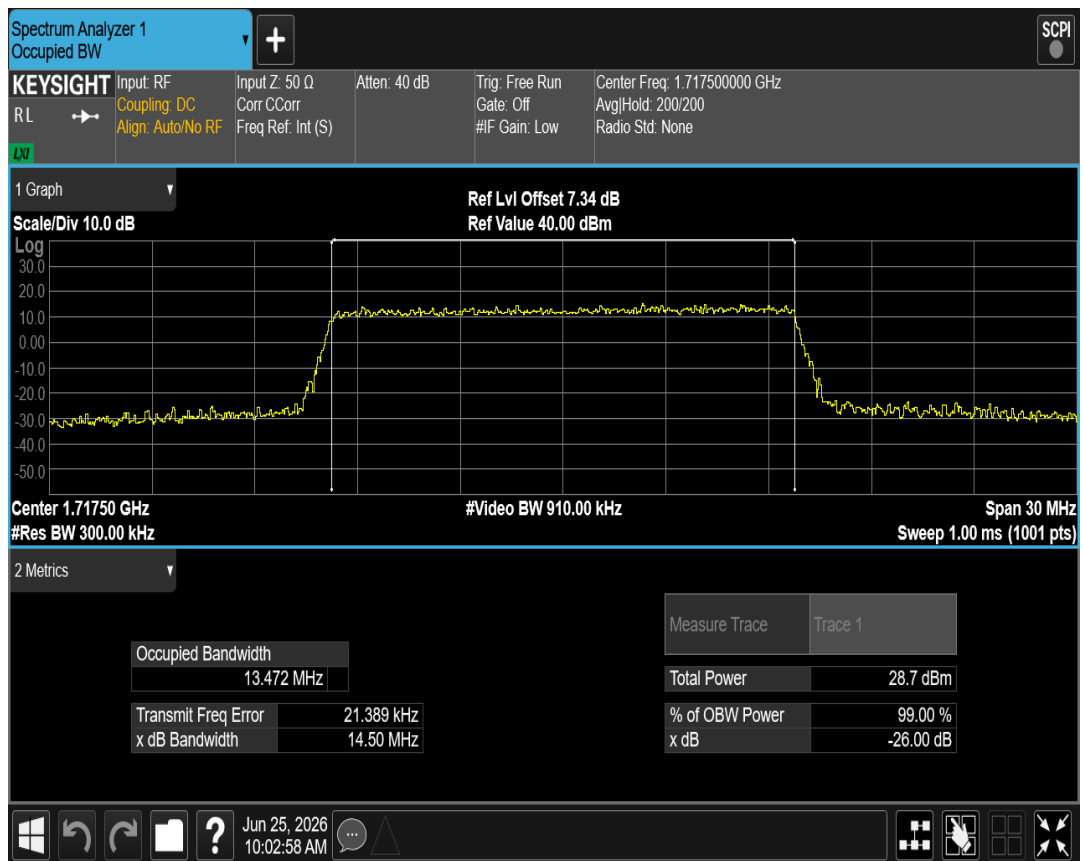


Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0

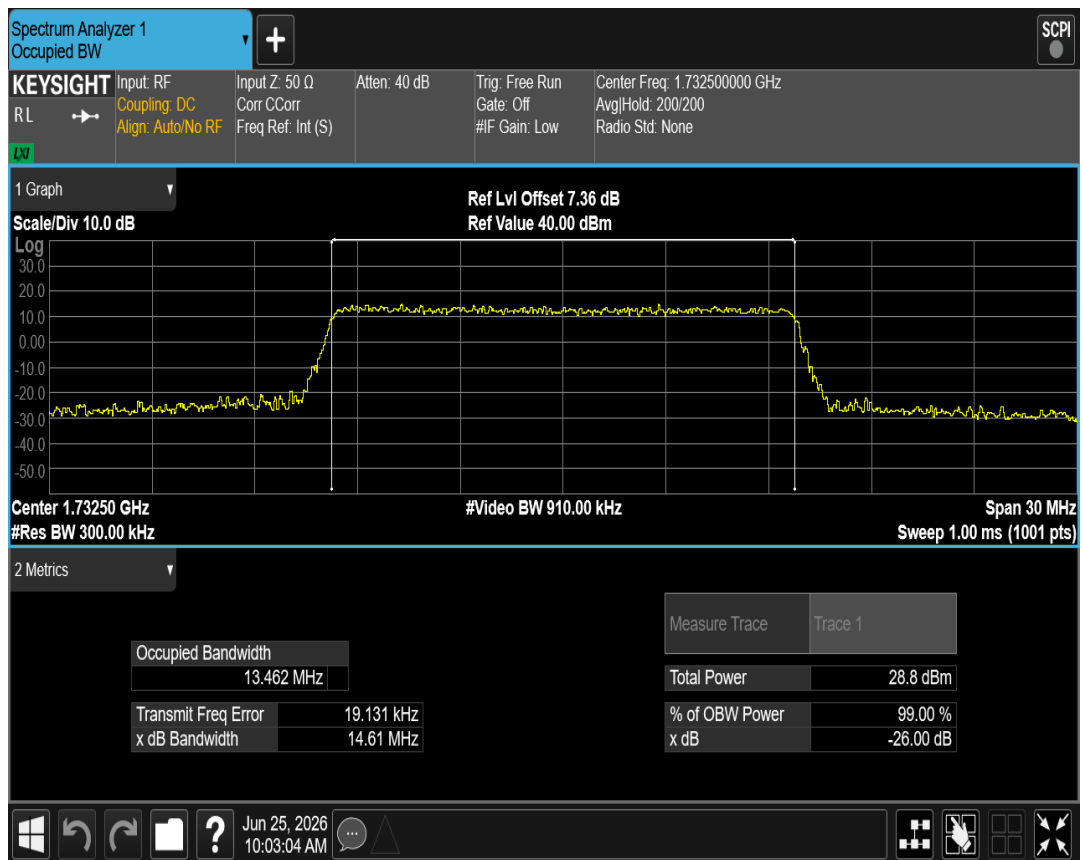


Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0

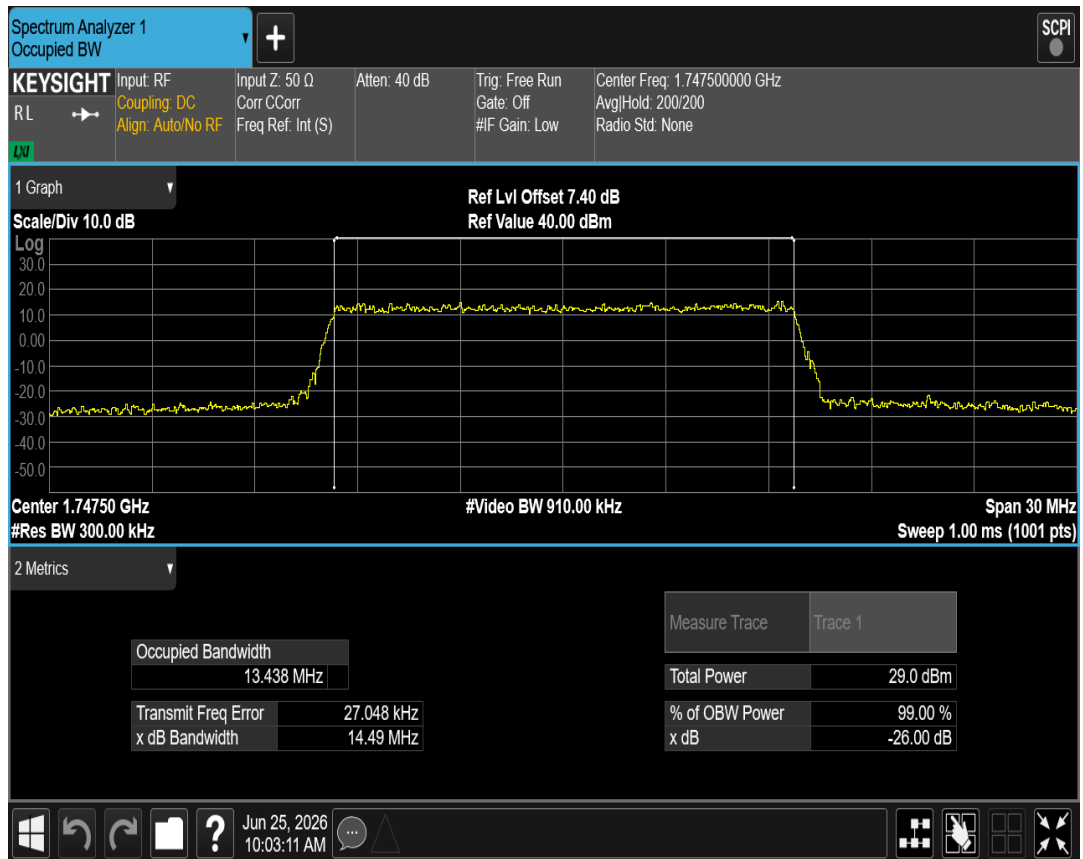
**Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0****Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0**



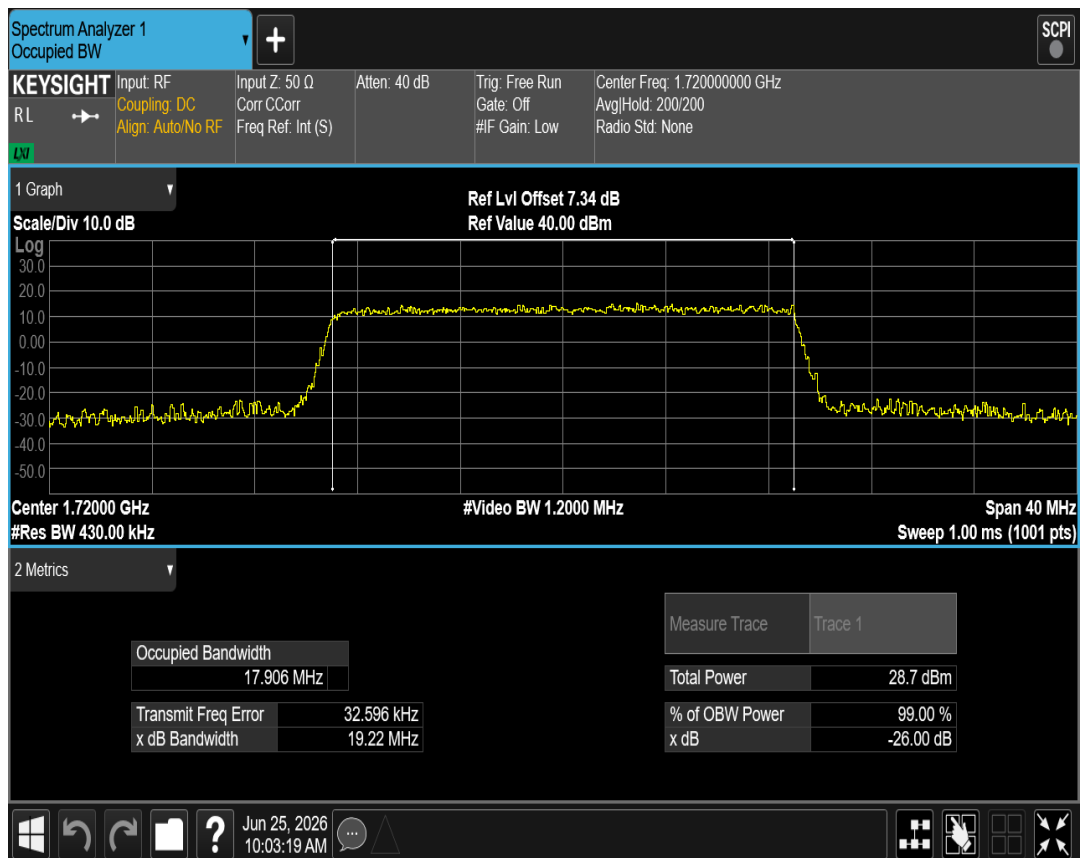
Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0



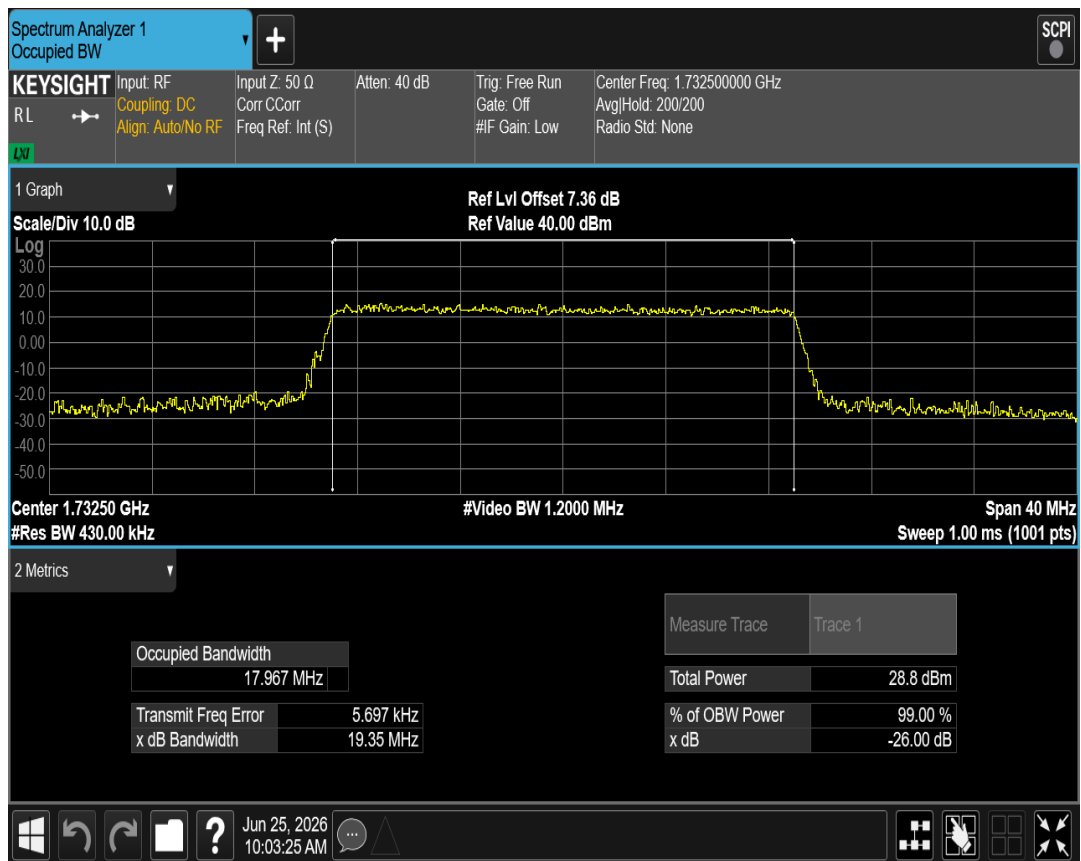
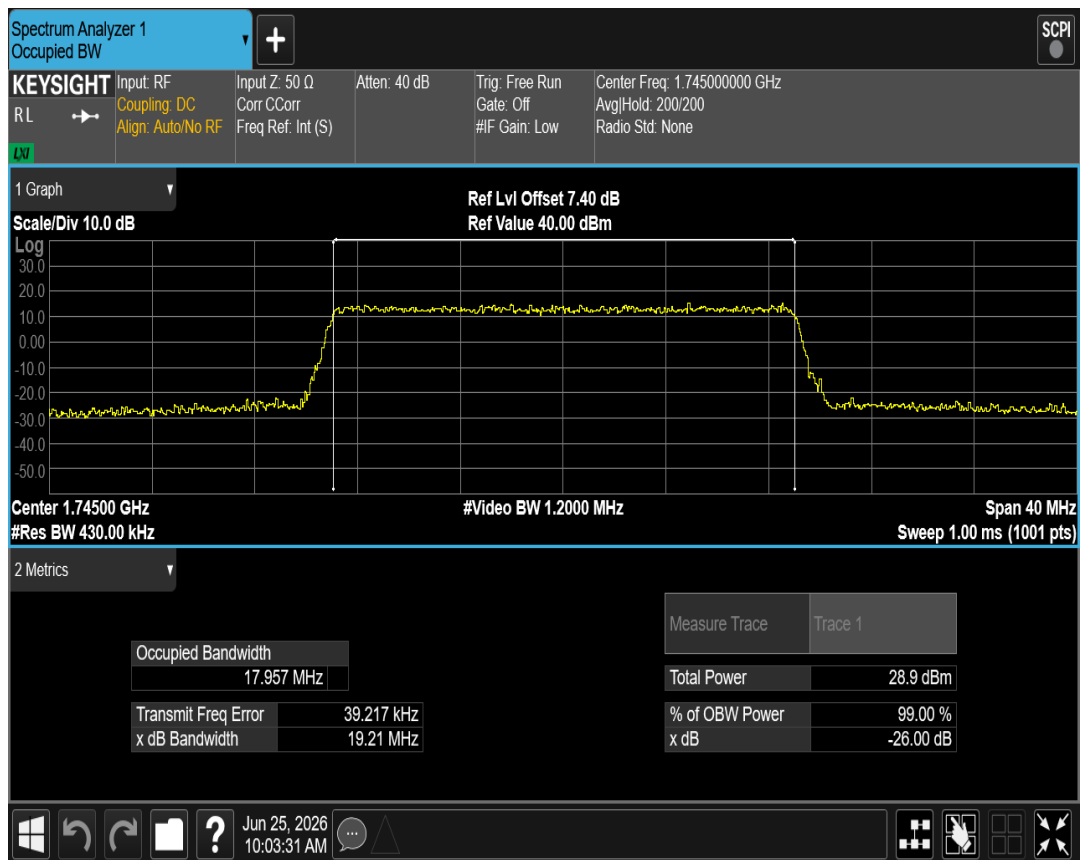
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0

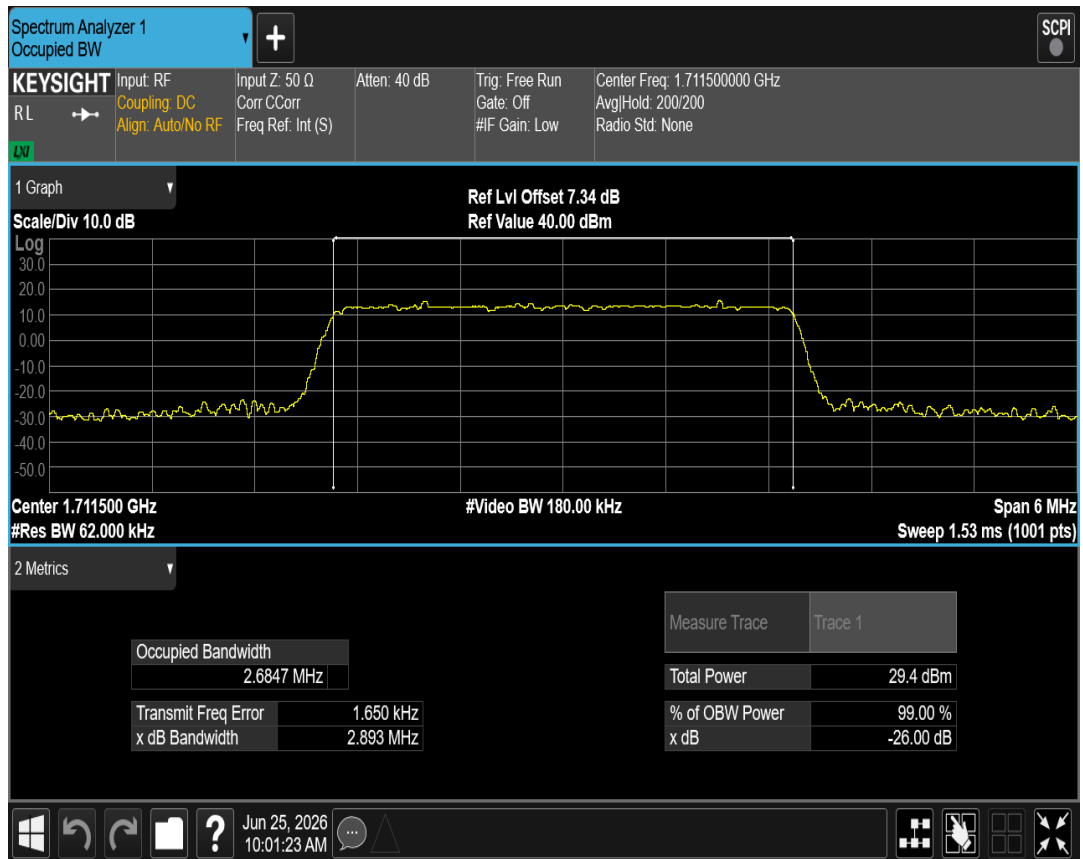
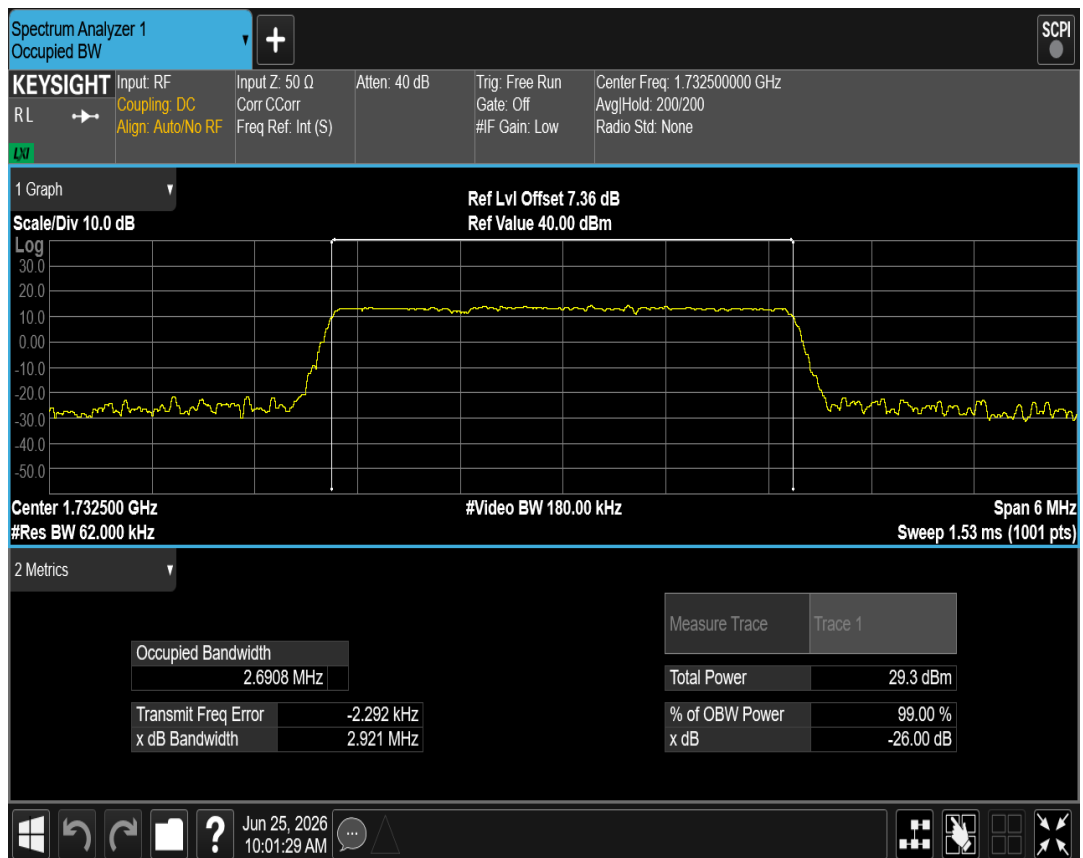


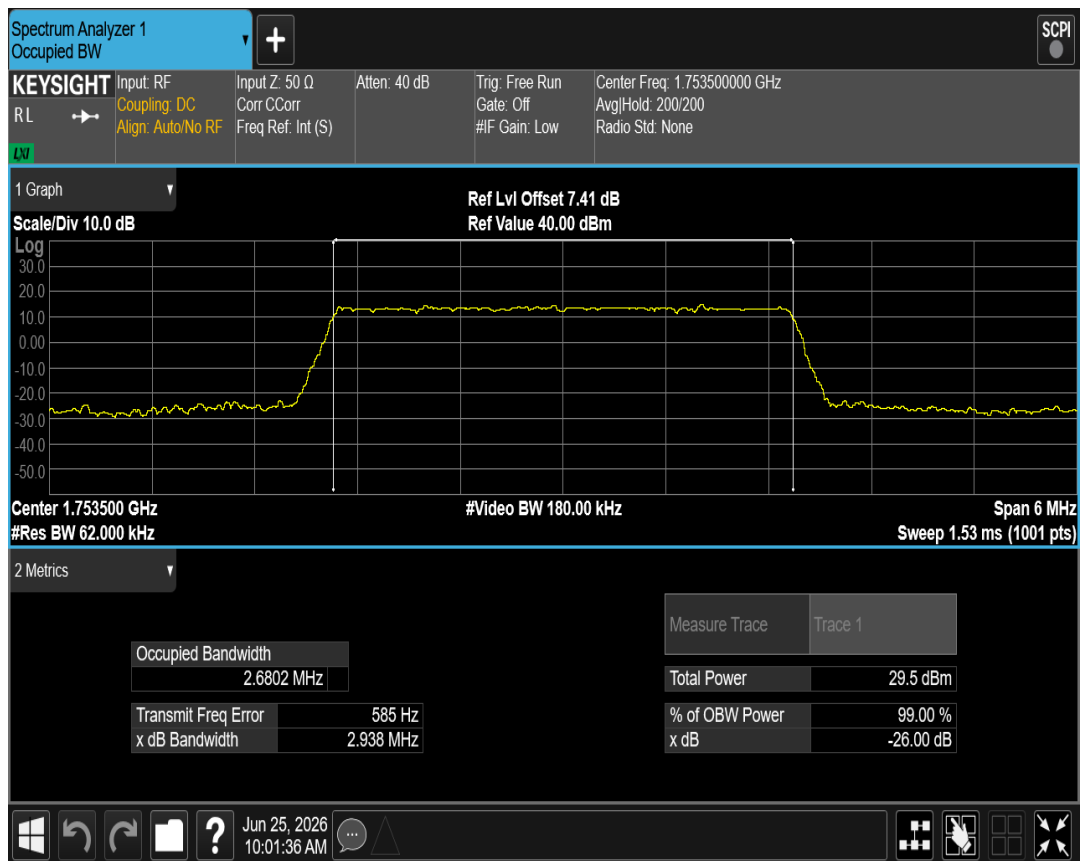
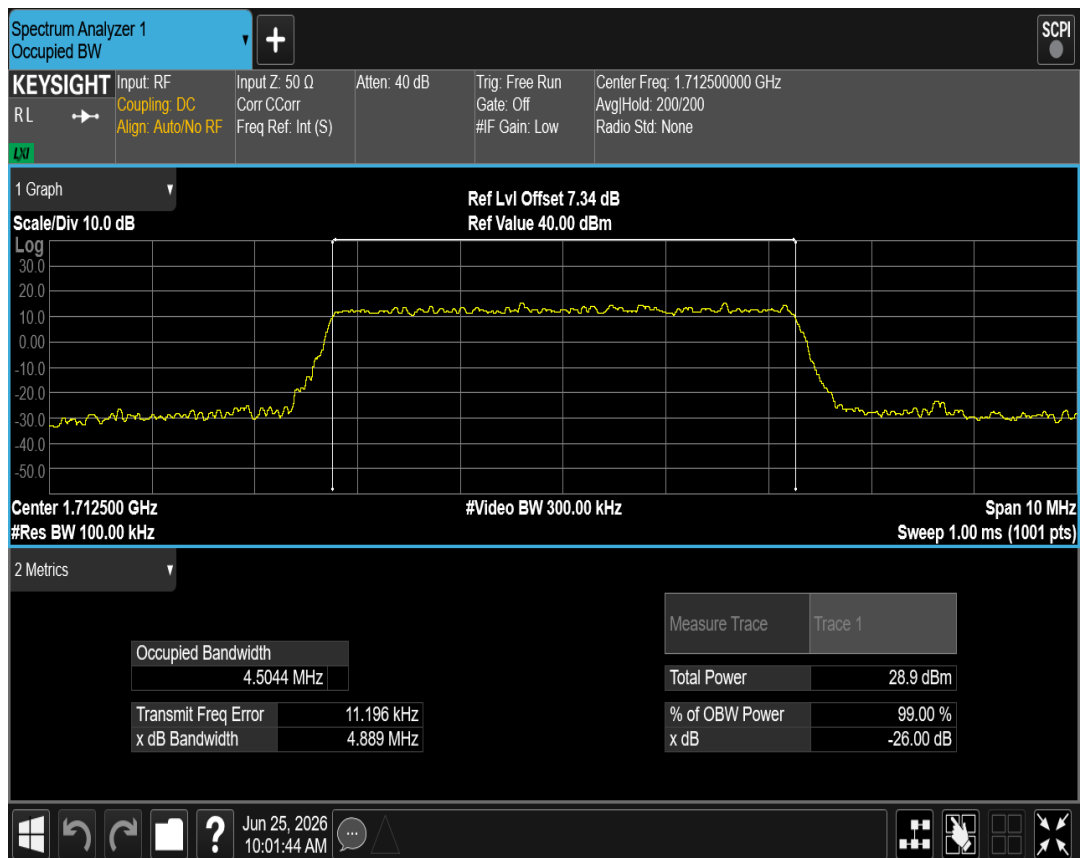
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0

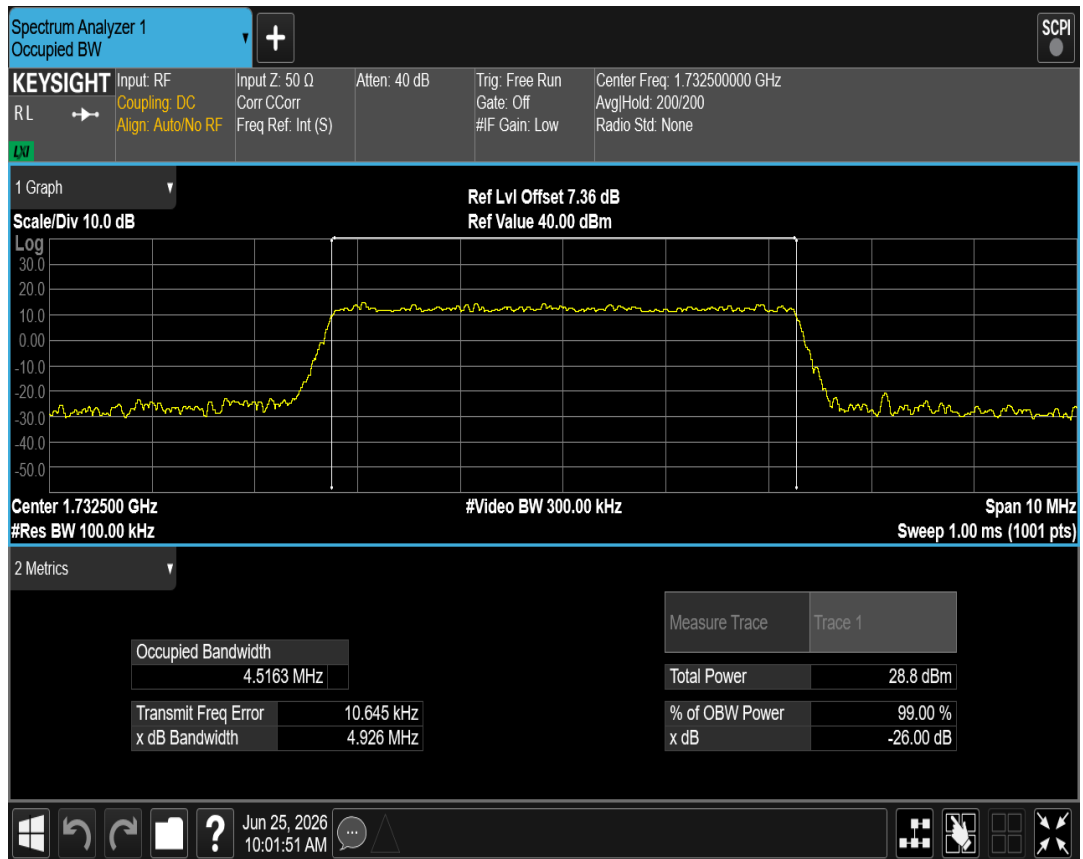
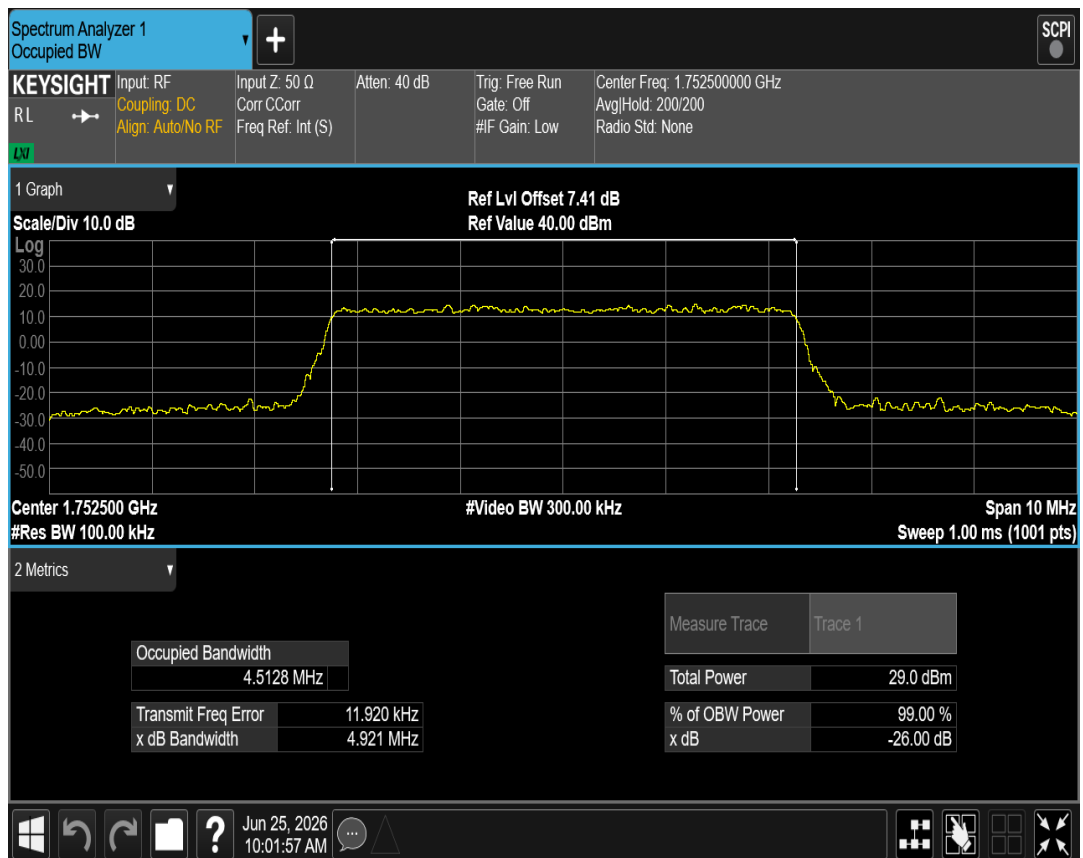


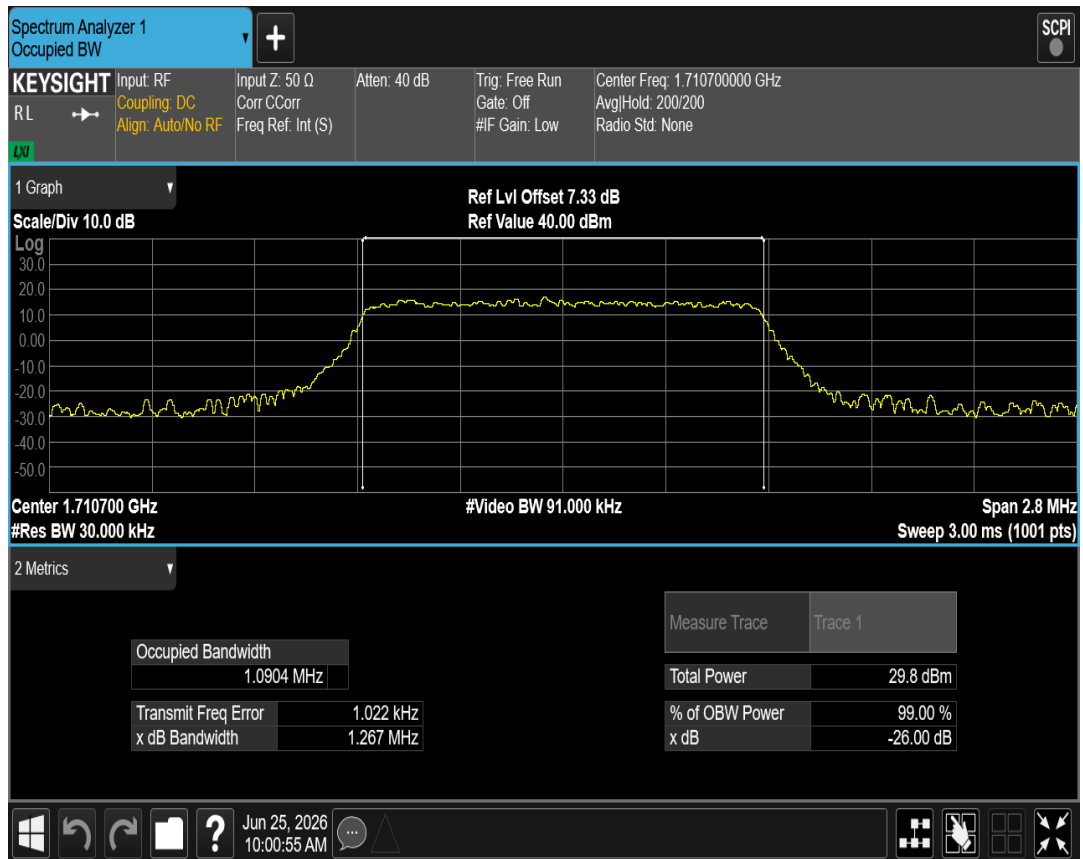
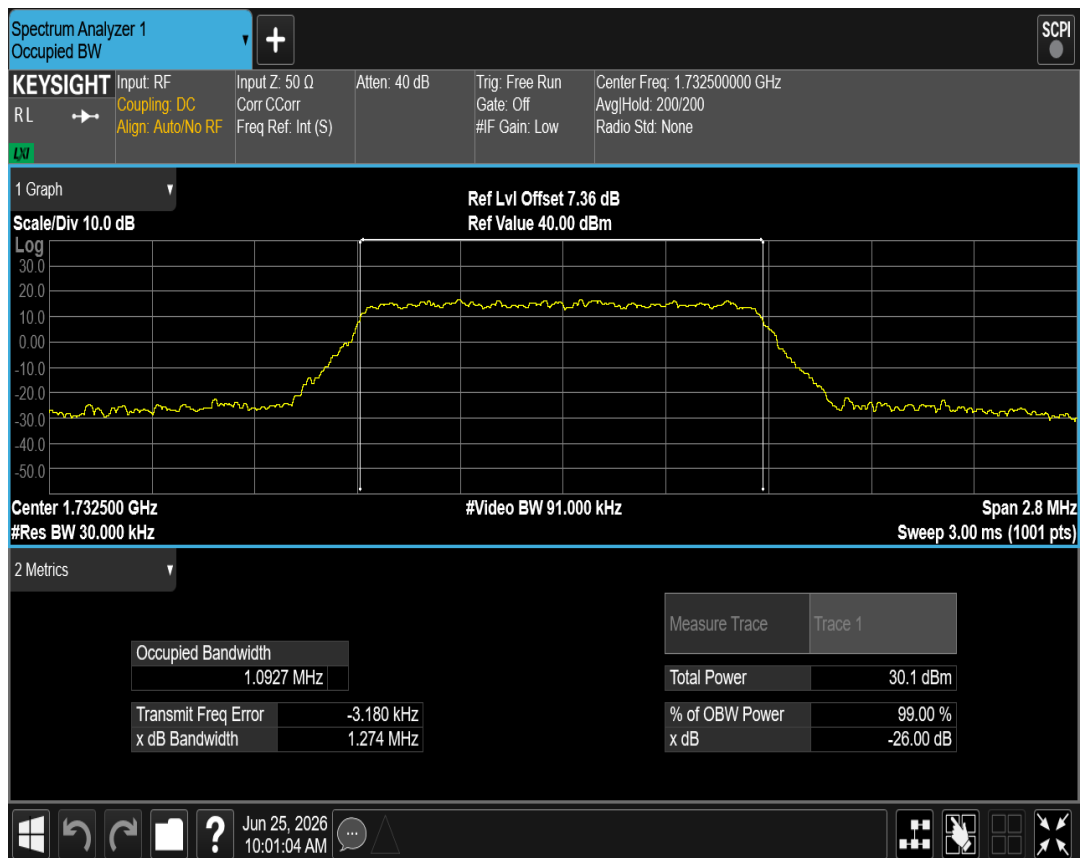
Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0

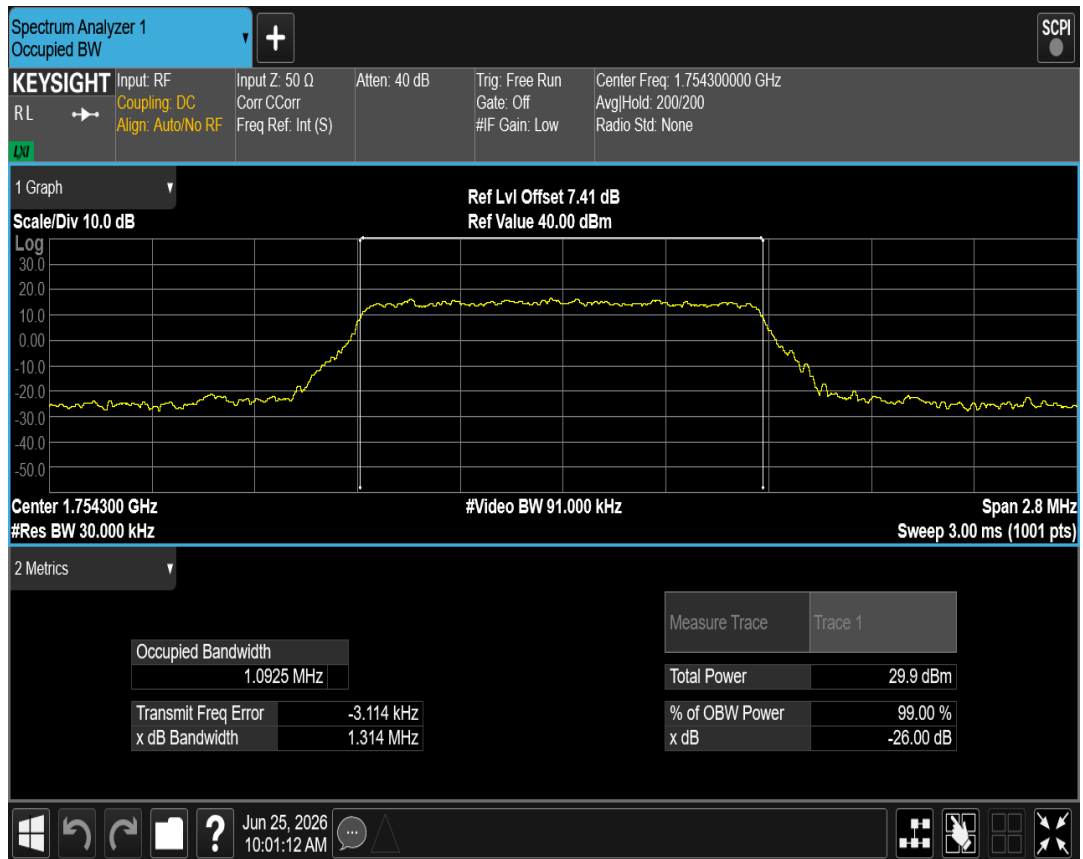
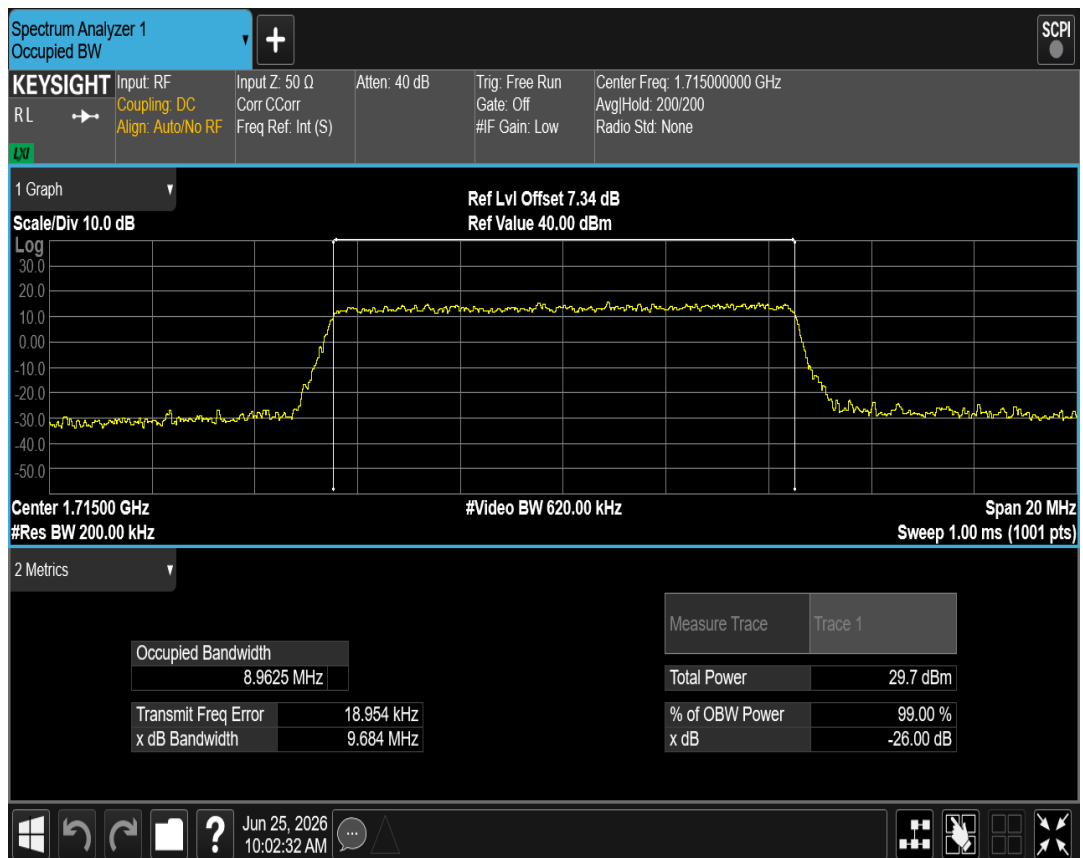
**Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0****Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0**

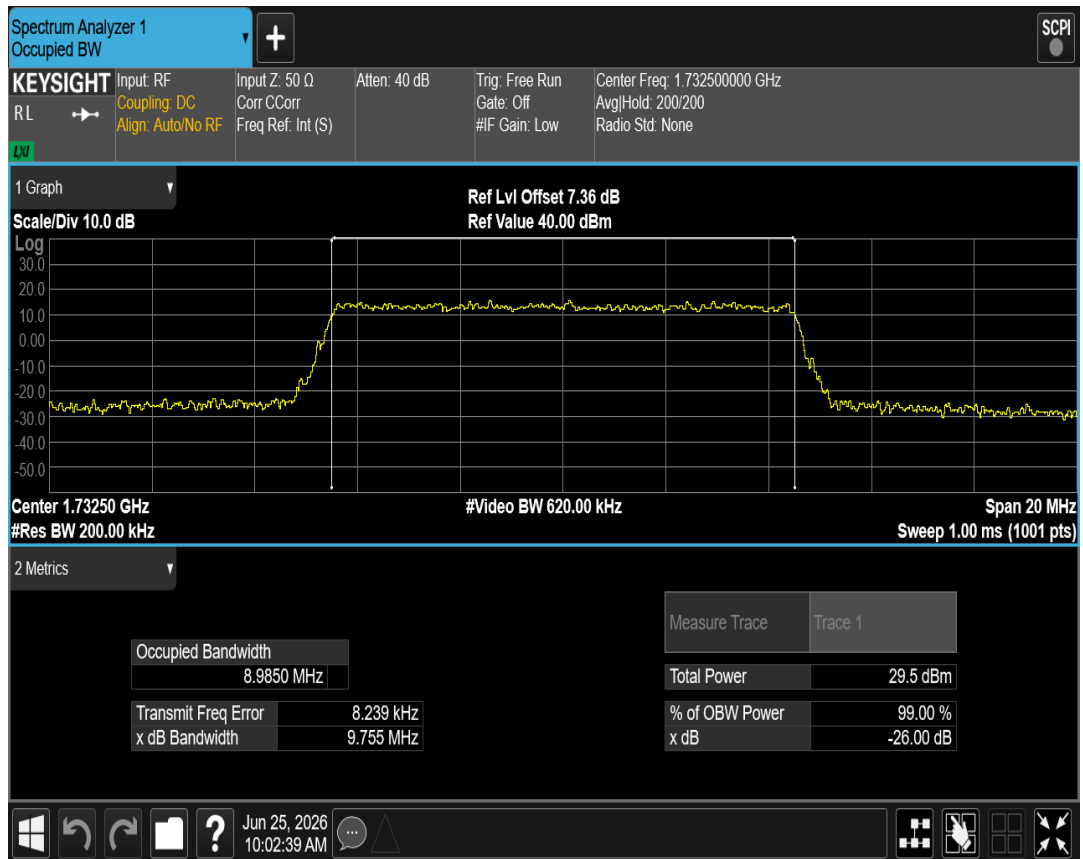
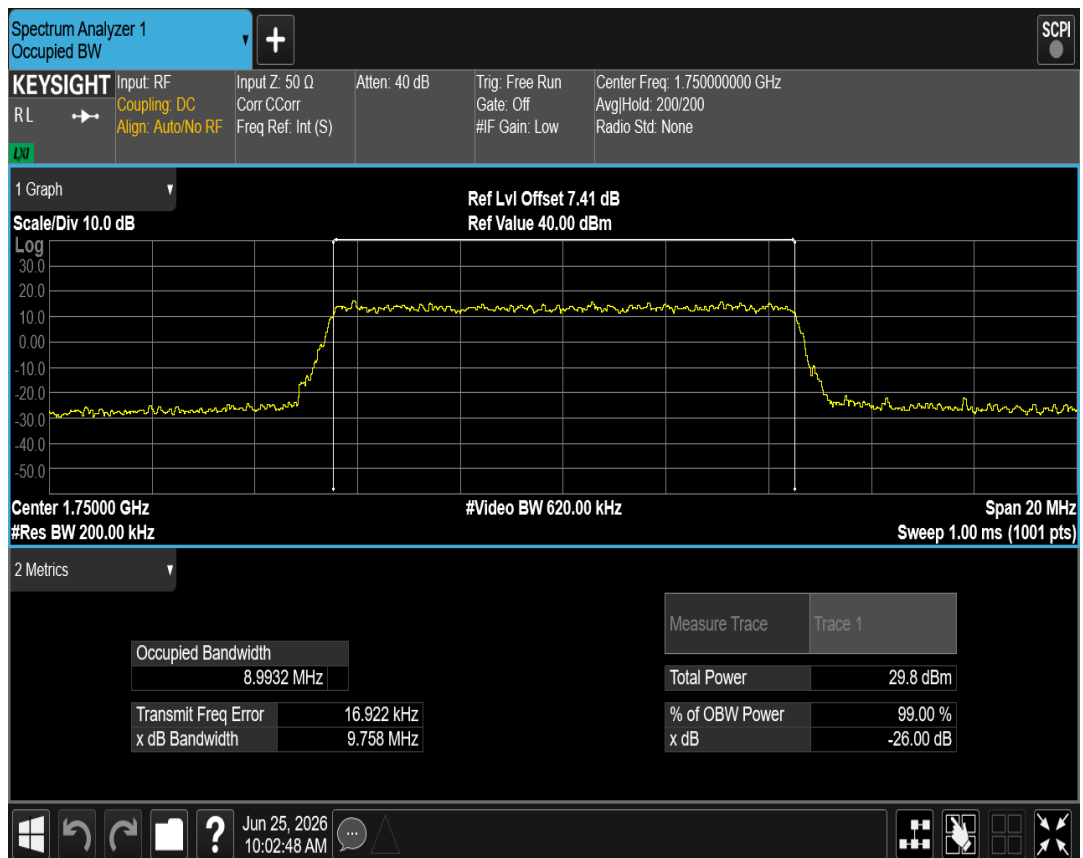
**Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0****Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0**

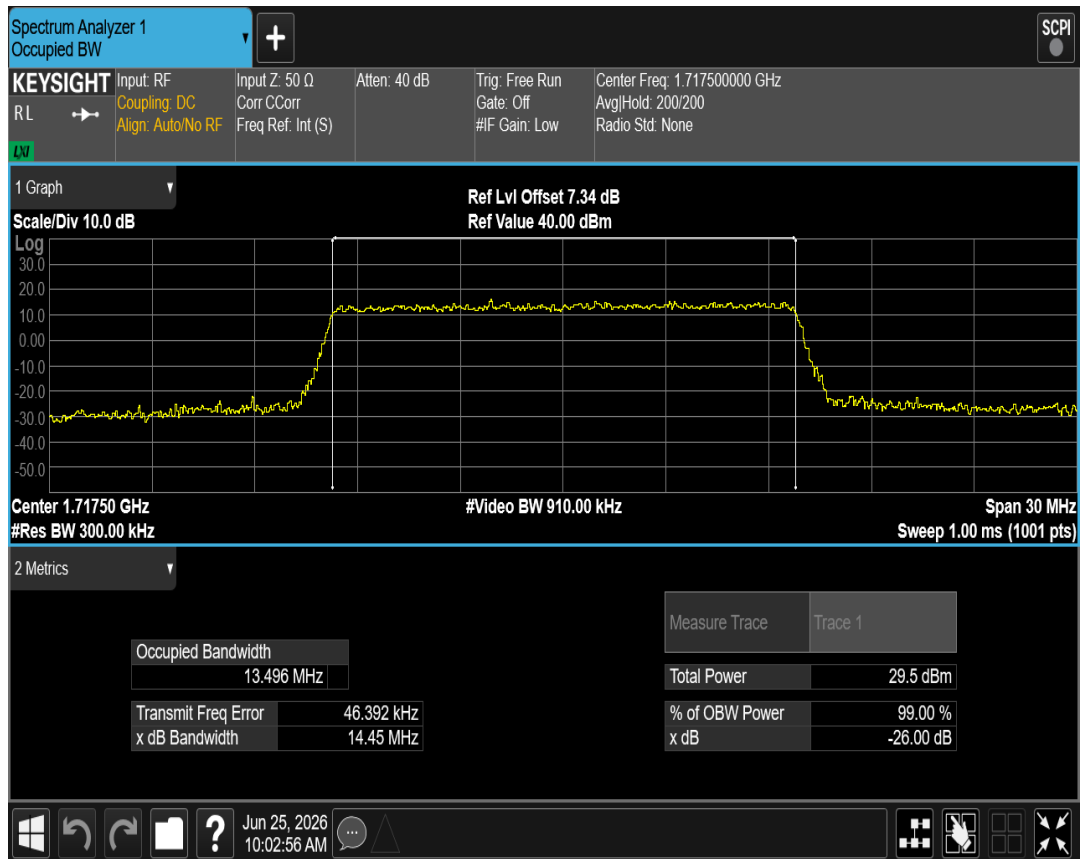
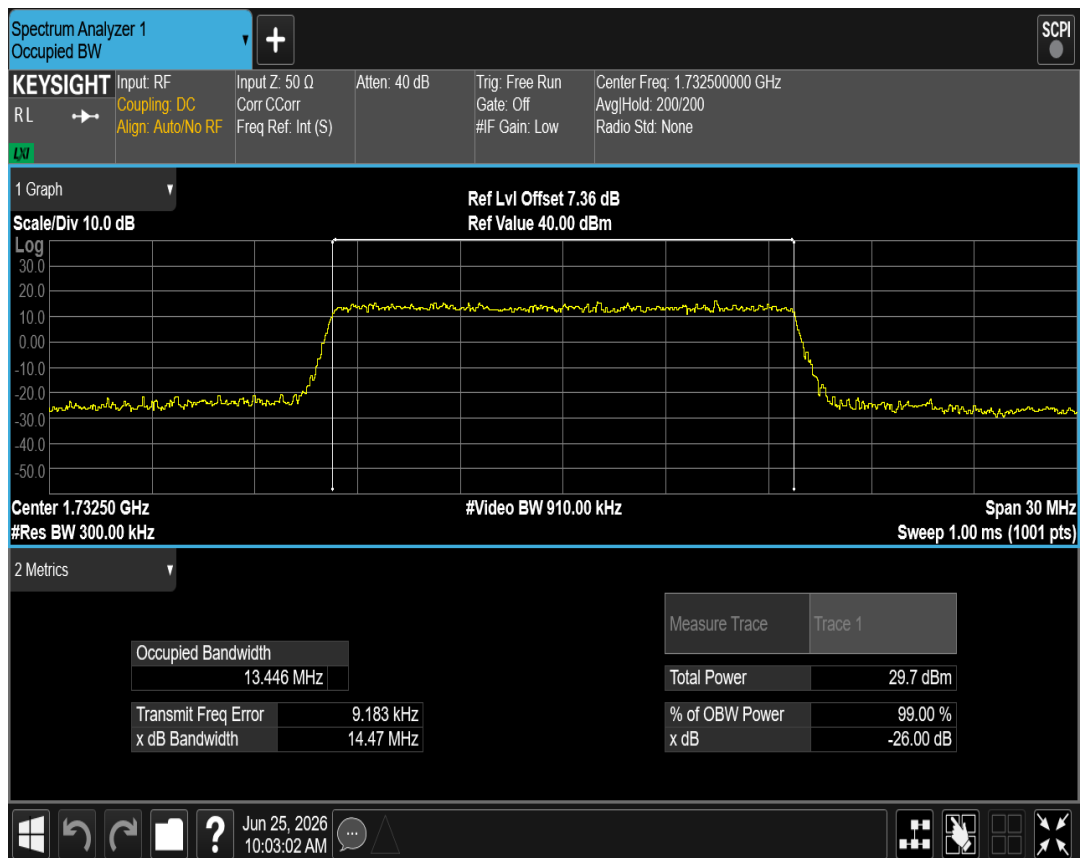
**Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0****Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0**

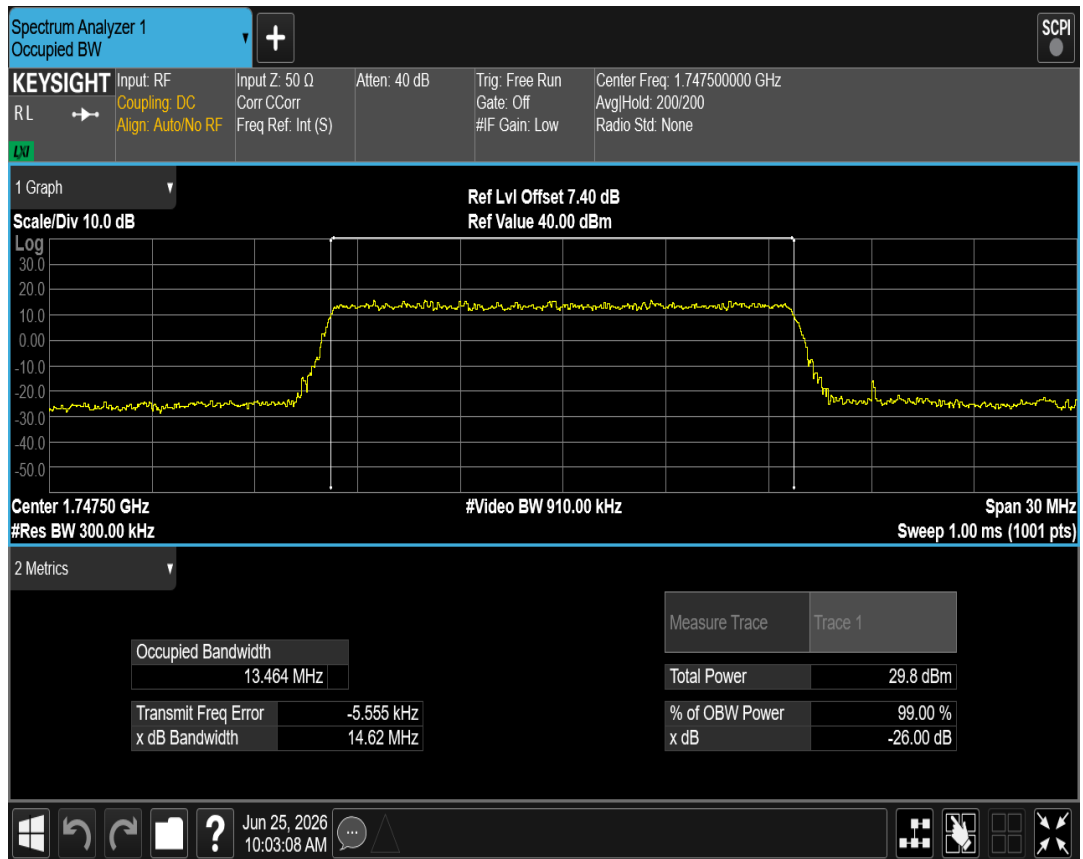
**Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0****Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0**

**Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0****Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0**

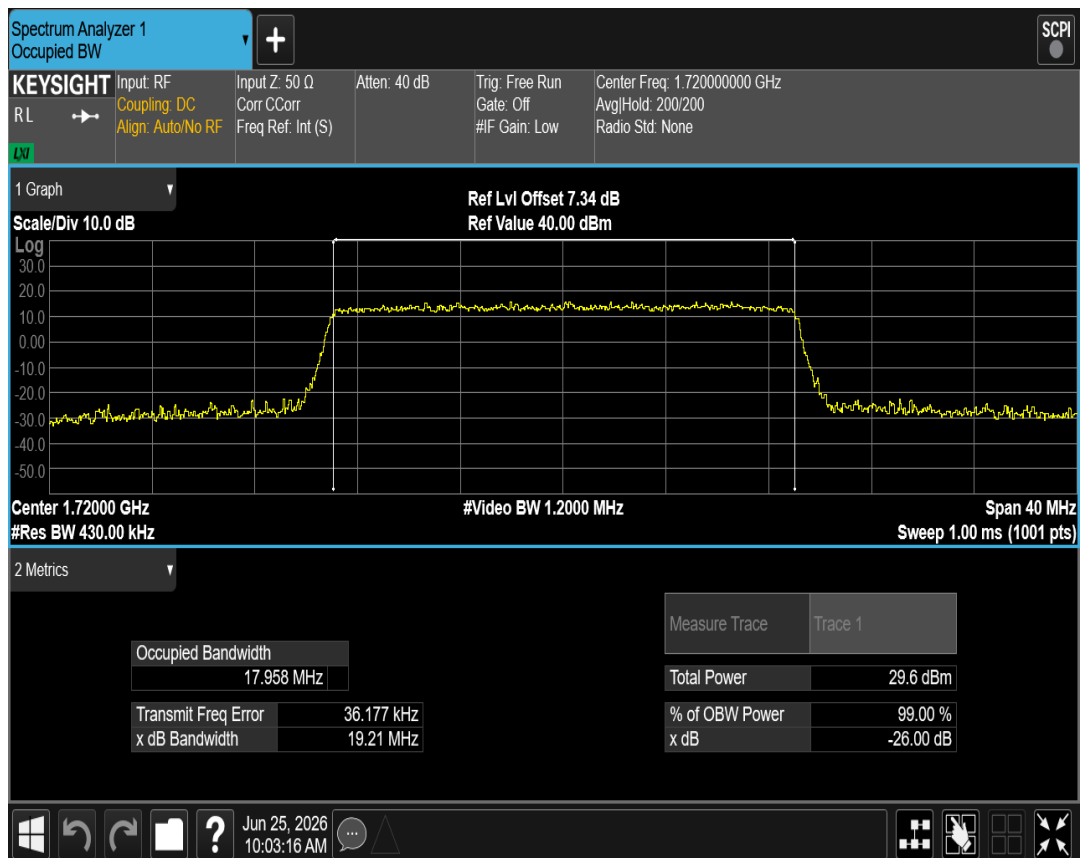
**Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0****Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0**

**Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0****Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0**

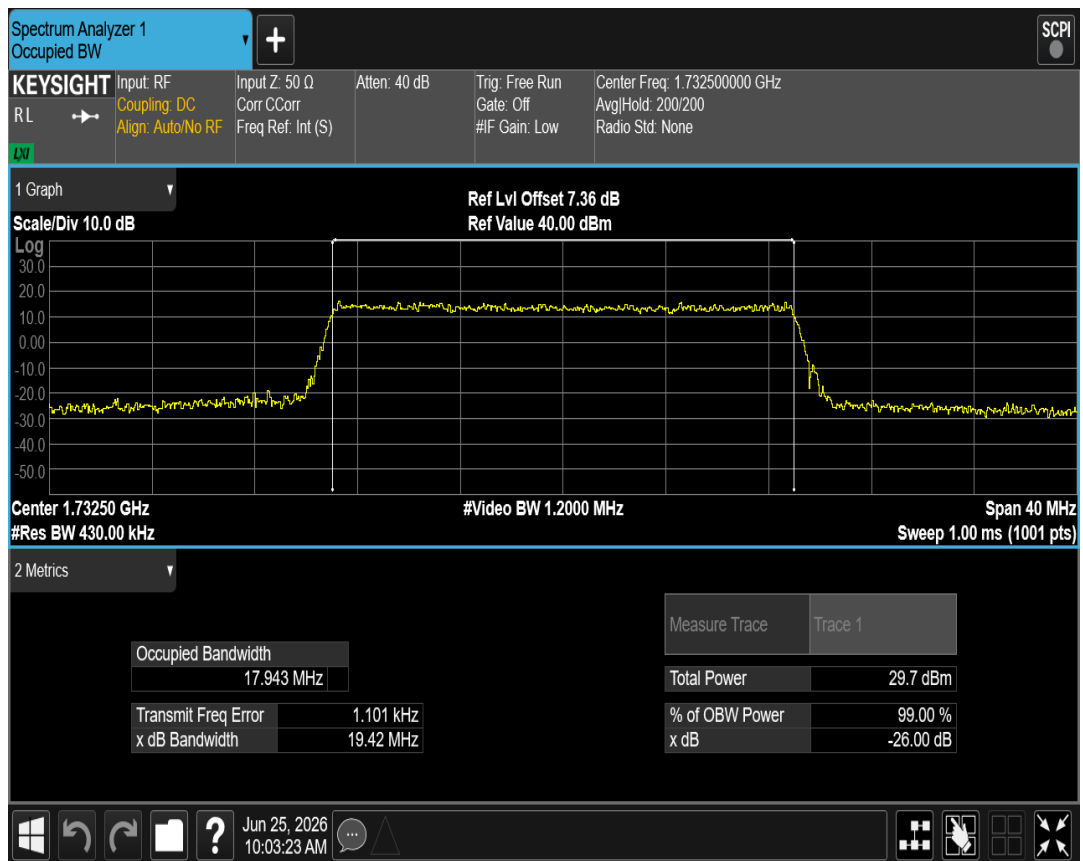
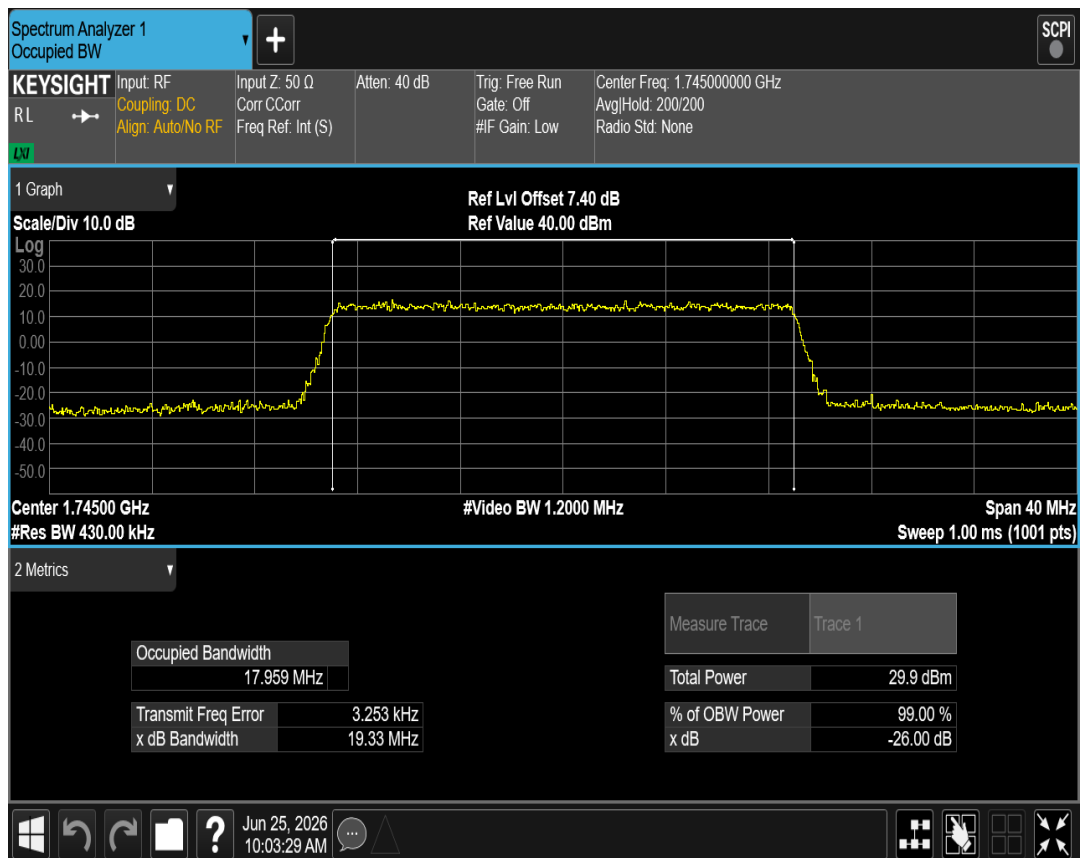
**Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0****Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0**

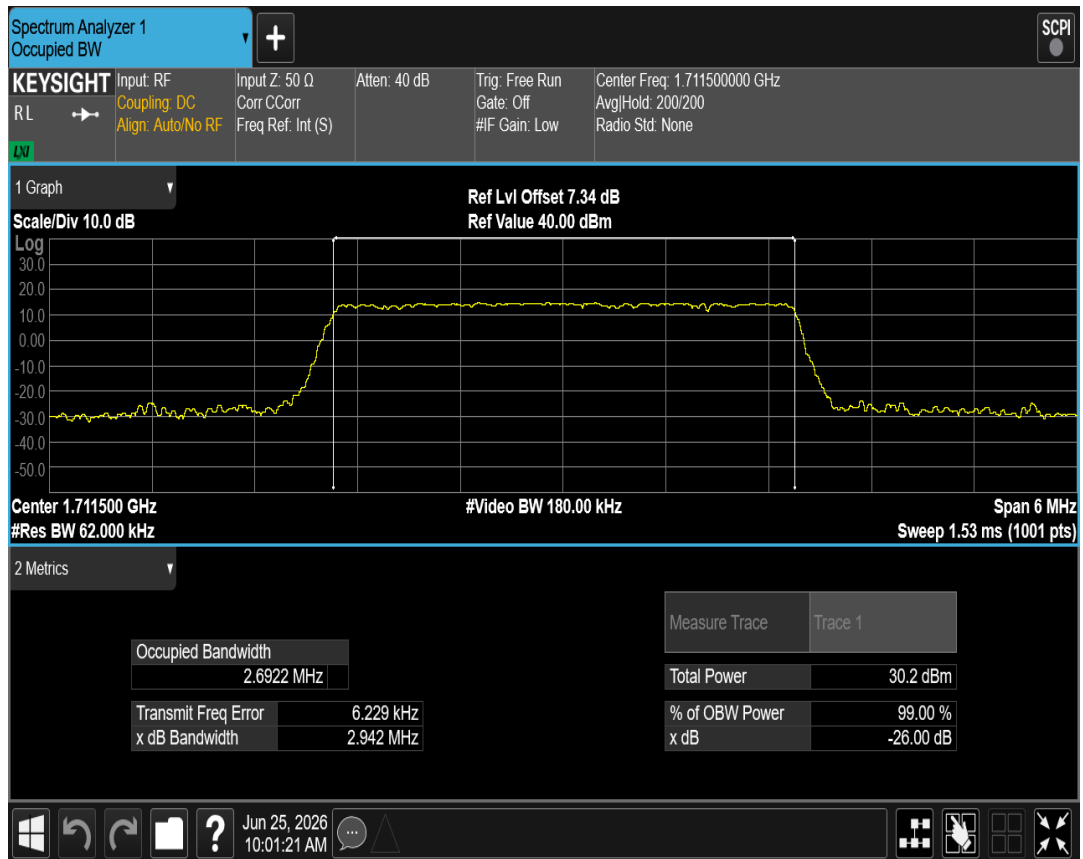
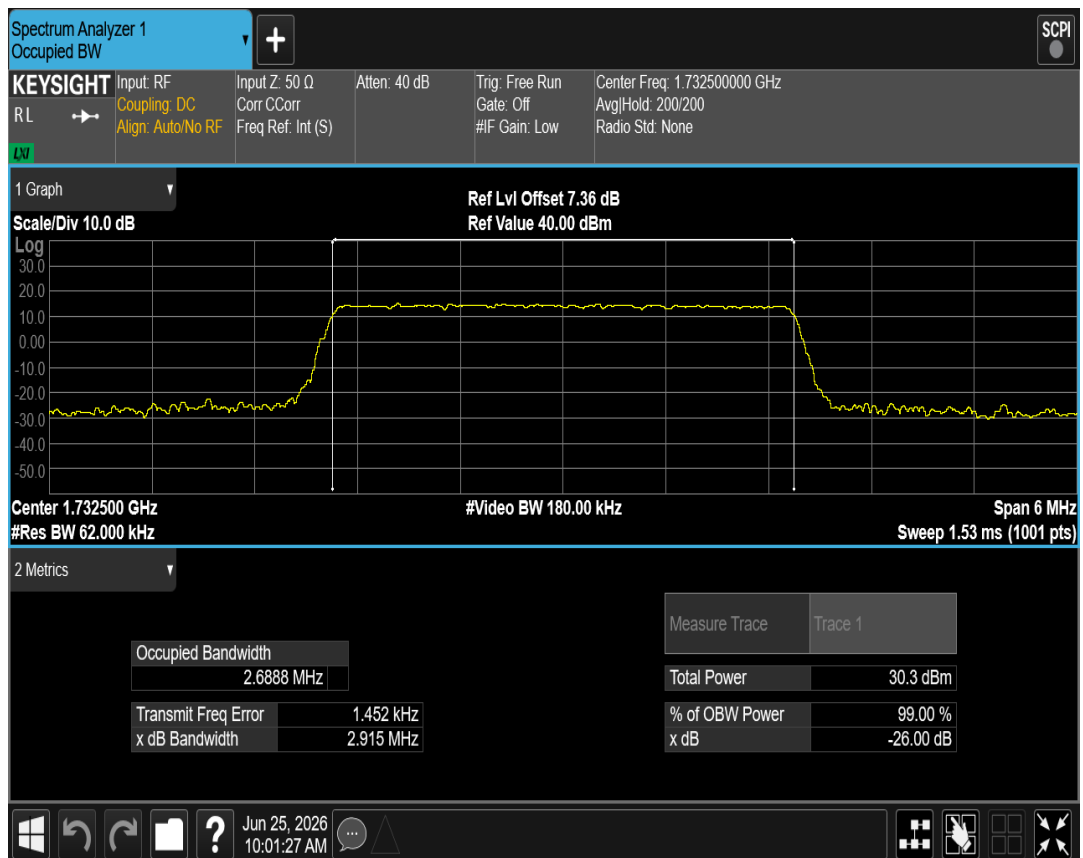


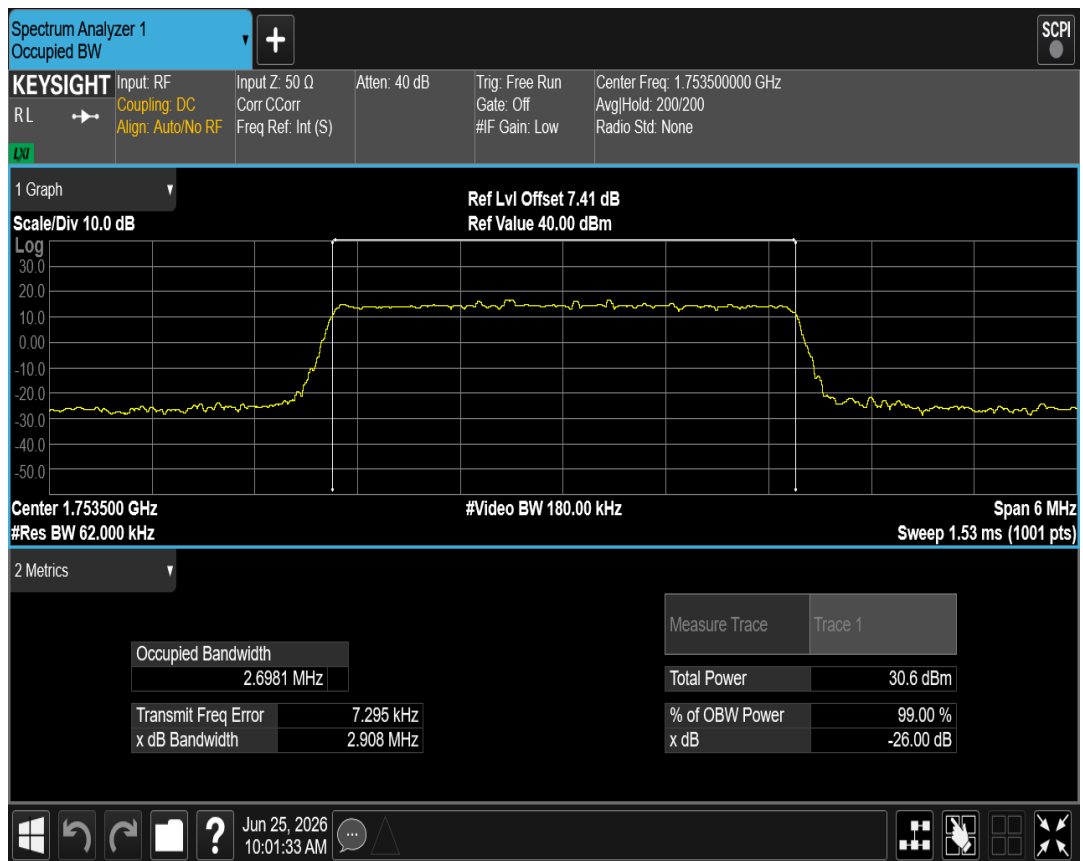
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



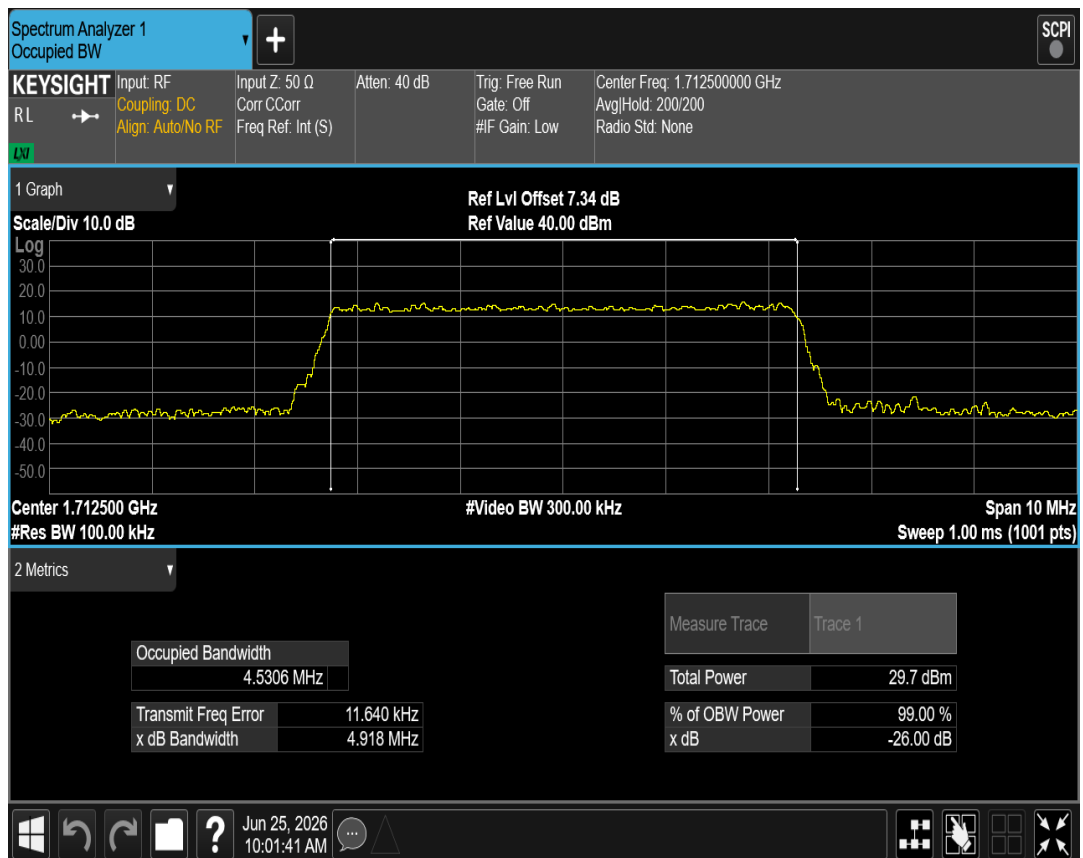
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0

**Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0****Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0**

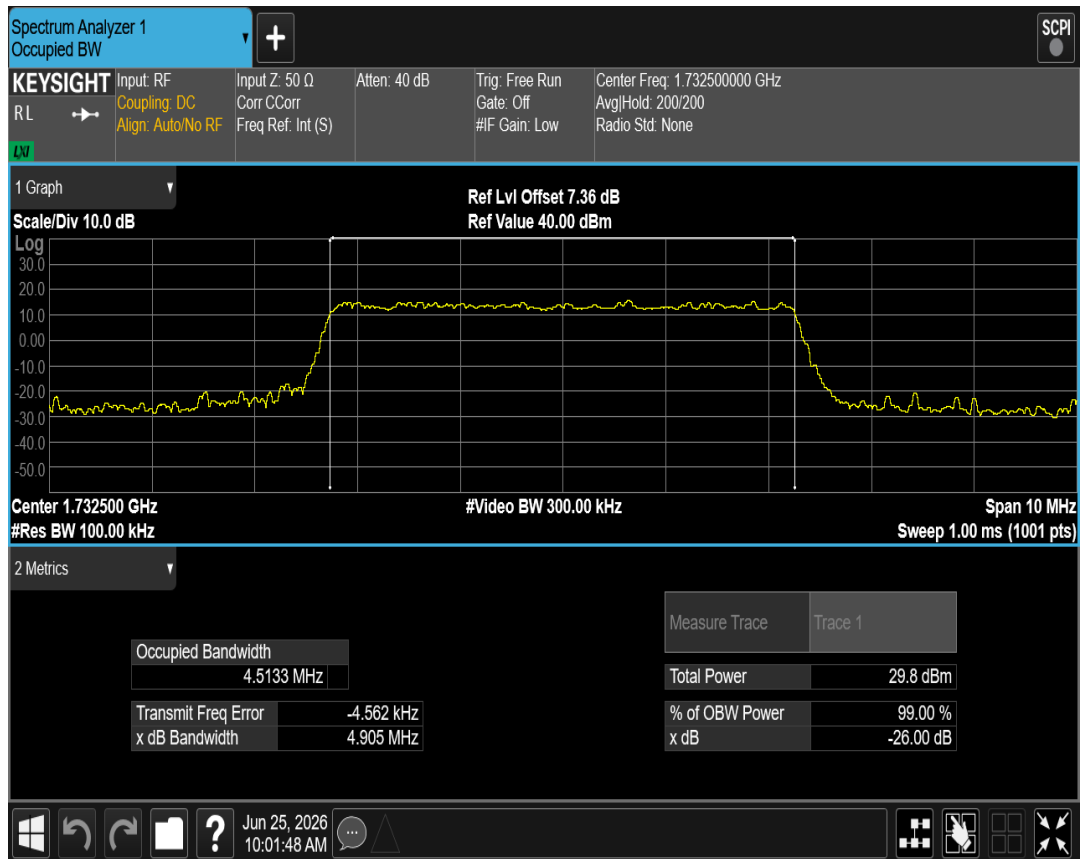
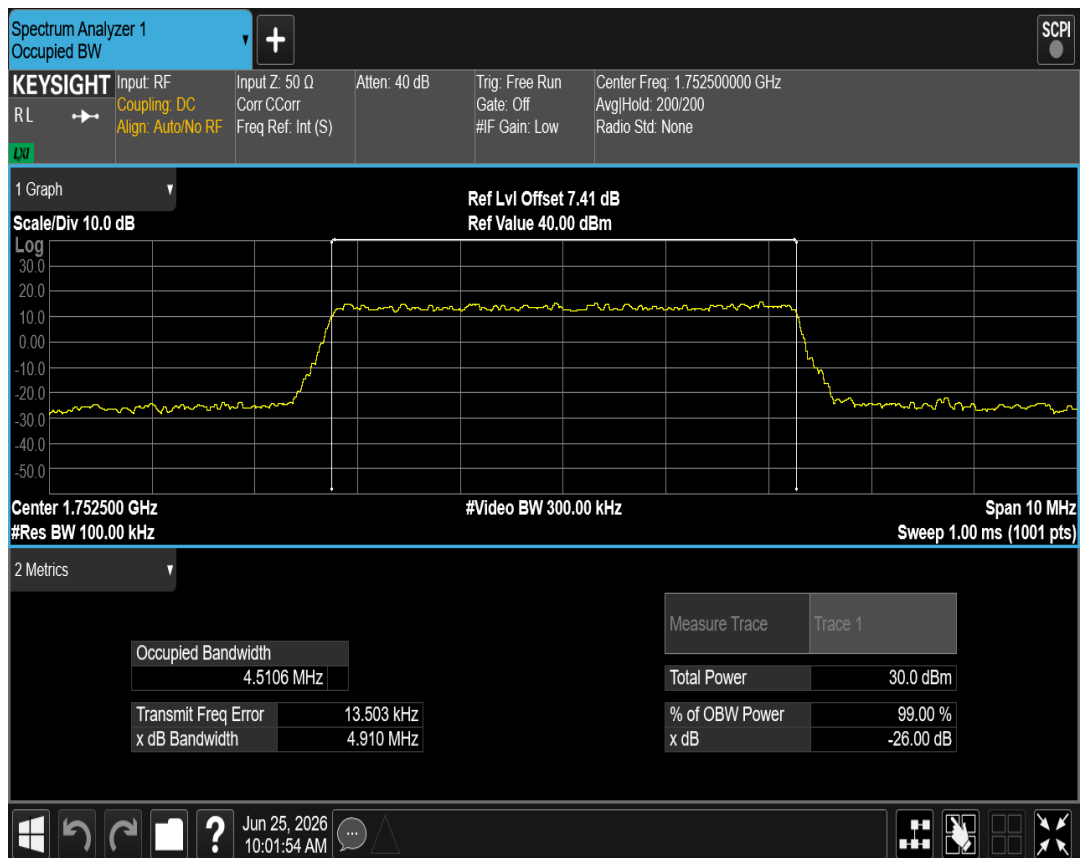
**Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0****Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0**



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



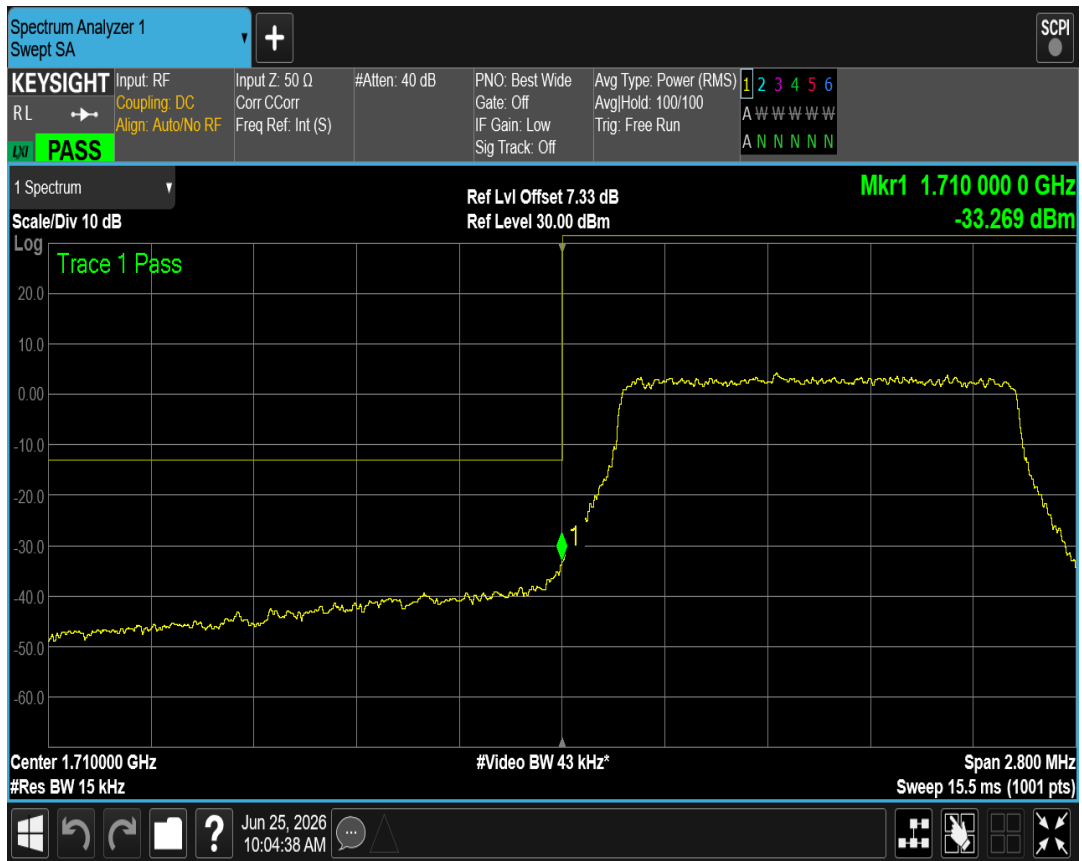
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0

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

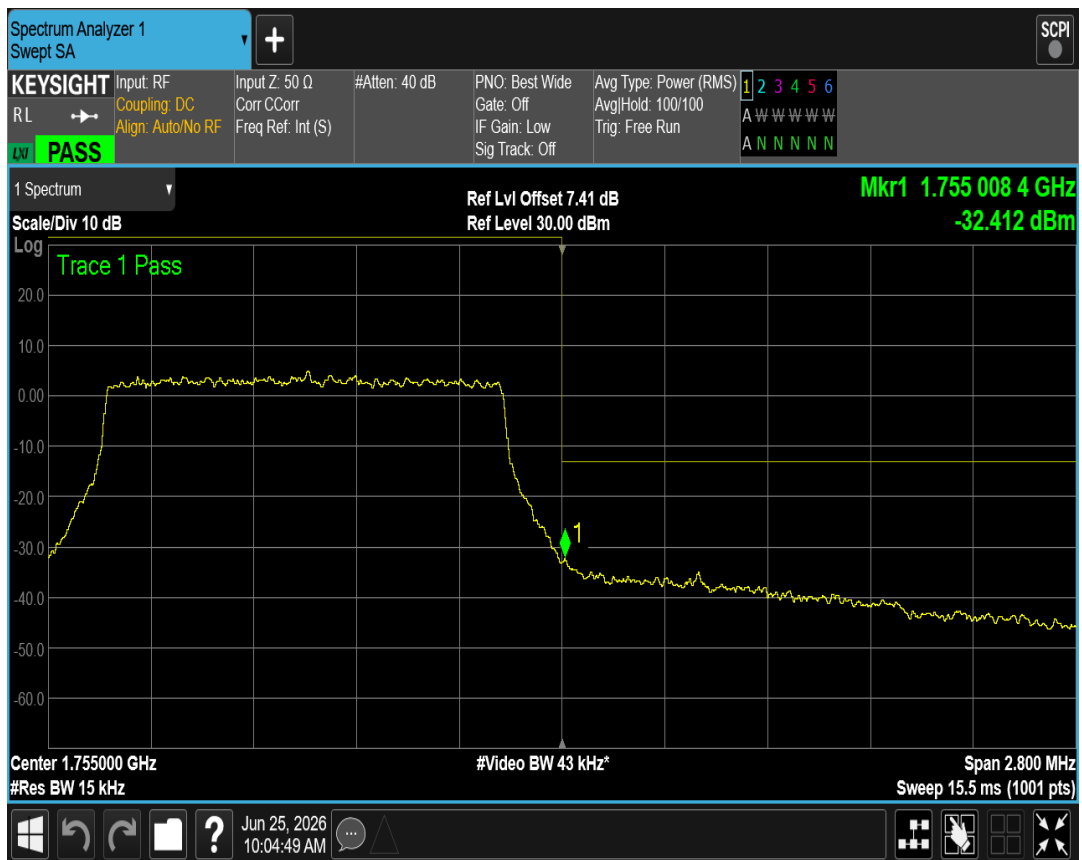
5 Band edge

<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	1710.00	-33.04	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1710.00	-33.26	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-32.12	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.01	-32.41	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-33.93	-13	PASS
Band4	3	19965	15	#0	QAM16	1709.99	-36.31	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-34.03	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.00	-33.48	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-33.79	-13	PASS
Band4	5	19975	25	#0	QAM16	1710.00	-32.69	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-32.63	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.02	-32.81	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-35.91	-13	PASS
Band4	10	20000	50	#0	QAM16	1710.00	-37.65	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.04	-34.11	-13	PASS
Band4	10	20350	50	#0	QAM16	1755.06	-35.08	-13	PASS
Band4	15	20025	75	#0	QPSK	1710.00	-37.87	-13	PASS
Band4	15	20025	75	#0	QAM16	1709.94	-38.01	-13	PASS
Band4	15	20325	75	#0	QPSK	1757.70	-34.39	-13	PASS
Band4	15	20325	75	#0	QAM16	1757.37	-35.42	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.96	-39.46	-13	PASS
Band4	20	20050	100	#0	QAM16	1709.76	-39.66	-13	PASS
Band4	20	20300	100	#0	QPSK	1760.08	-34.01	-13	PASS
Band4	20	20300	100	#0	QAM16	1755.20	-35.80	-13	PASS

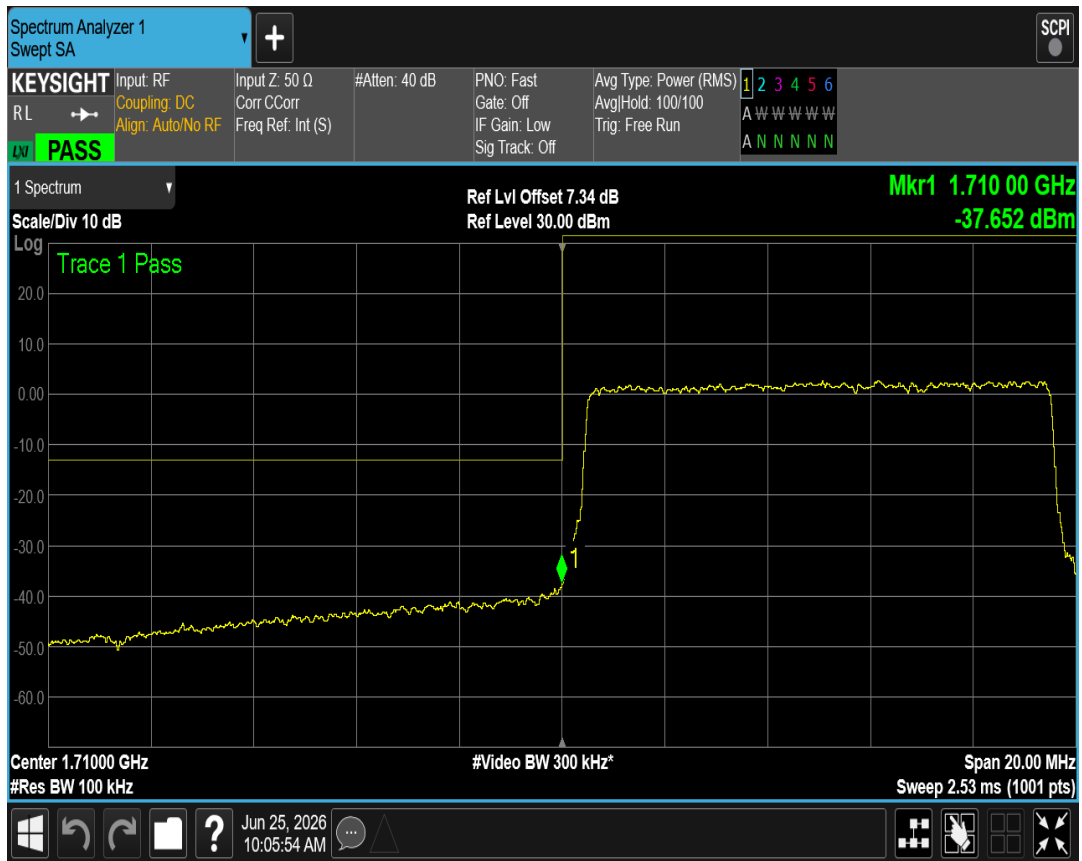
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



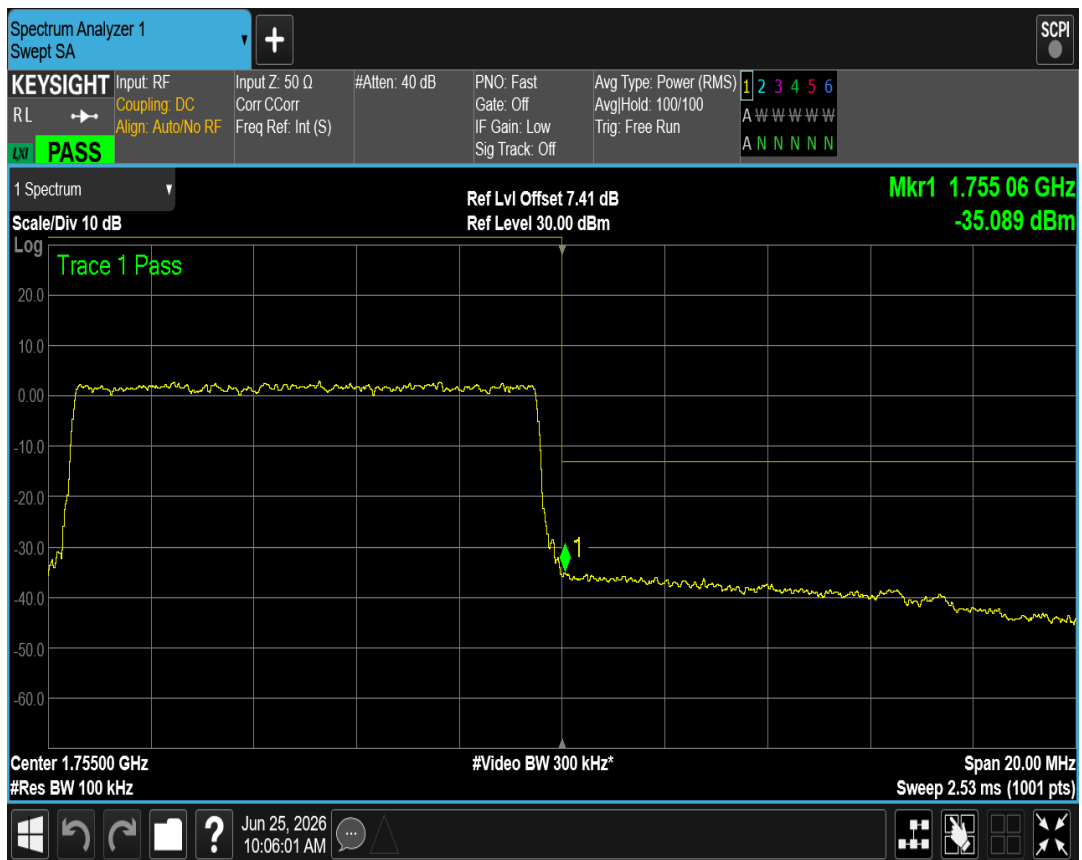
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



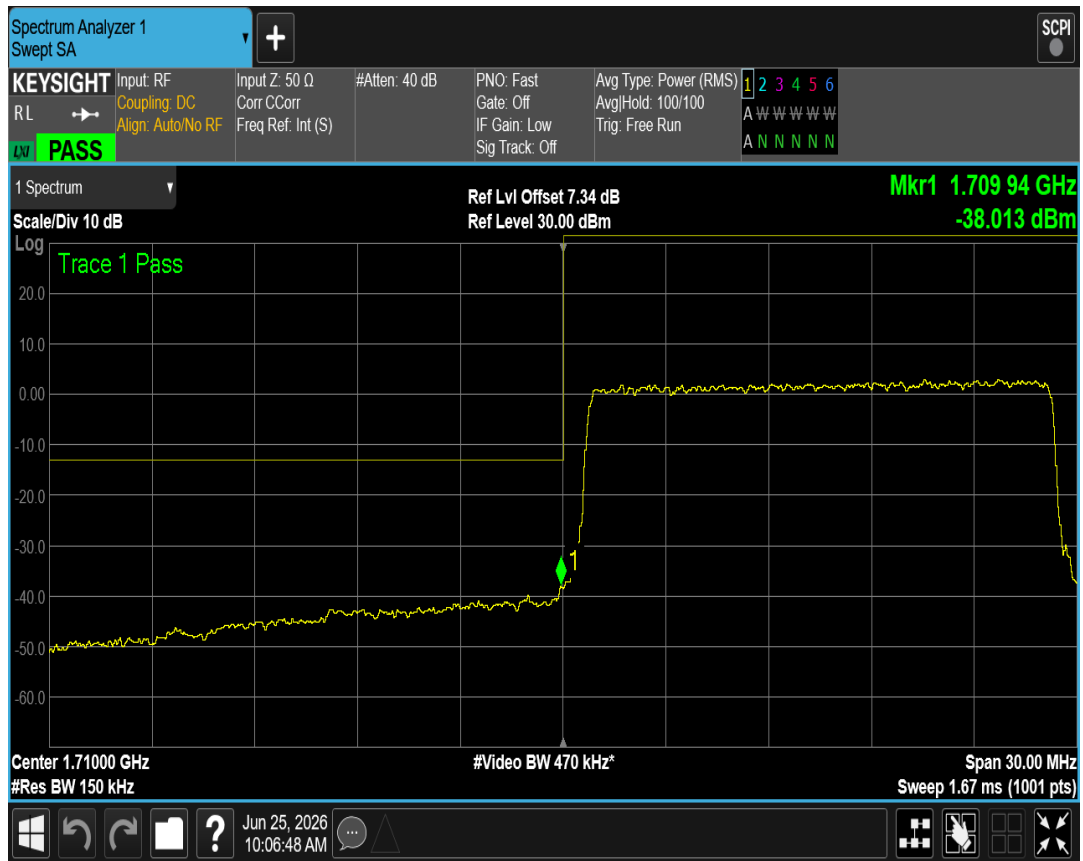
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



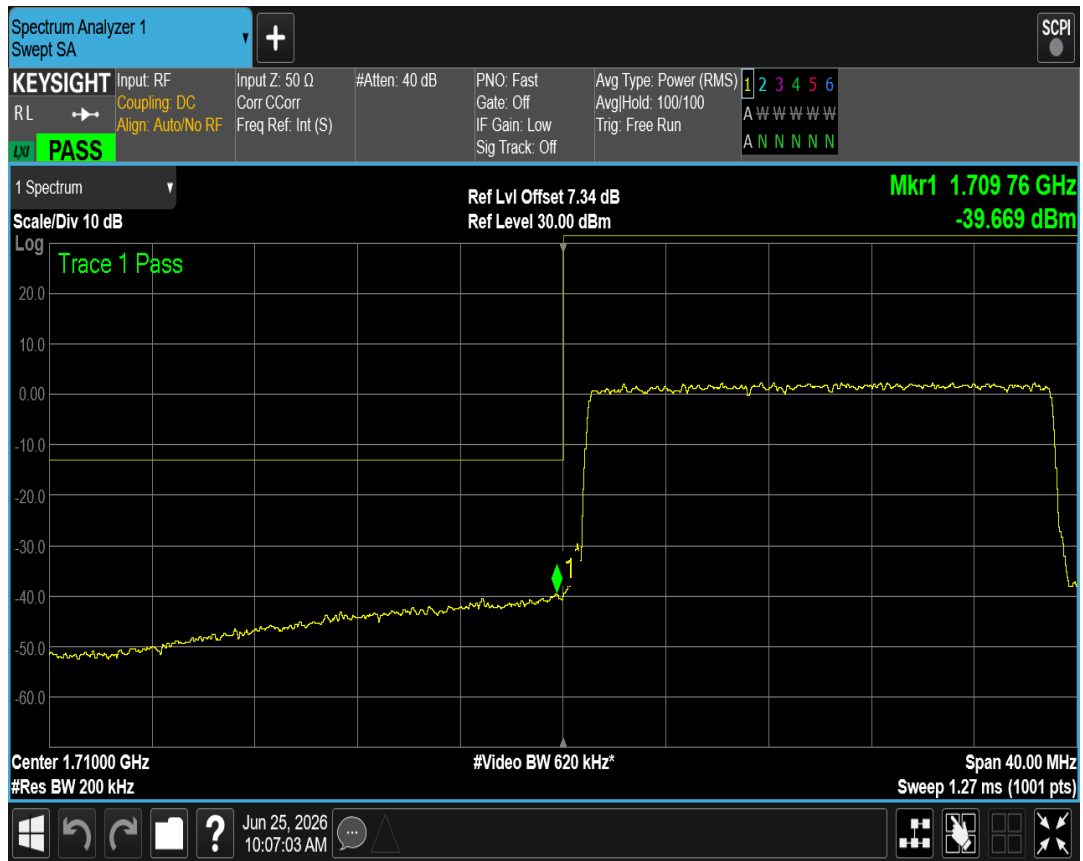
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



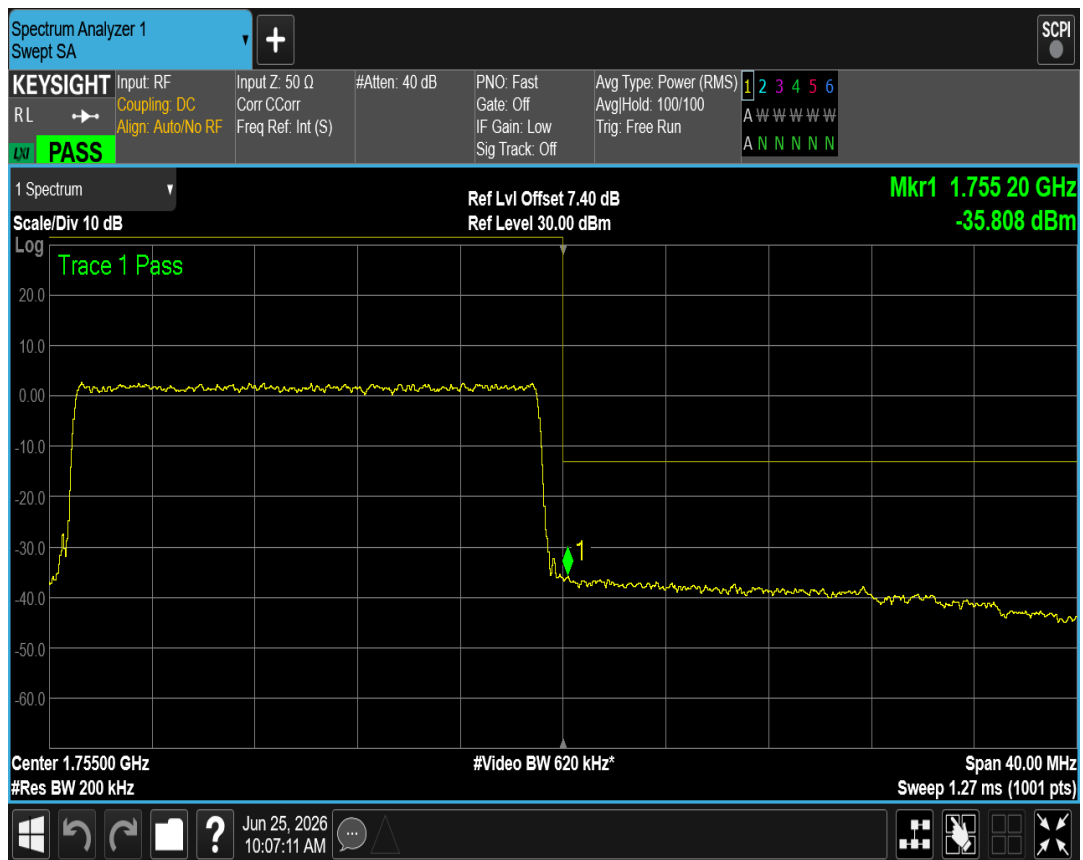
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



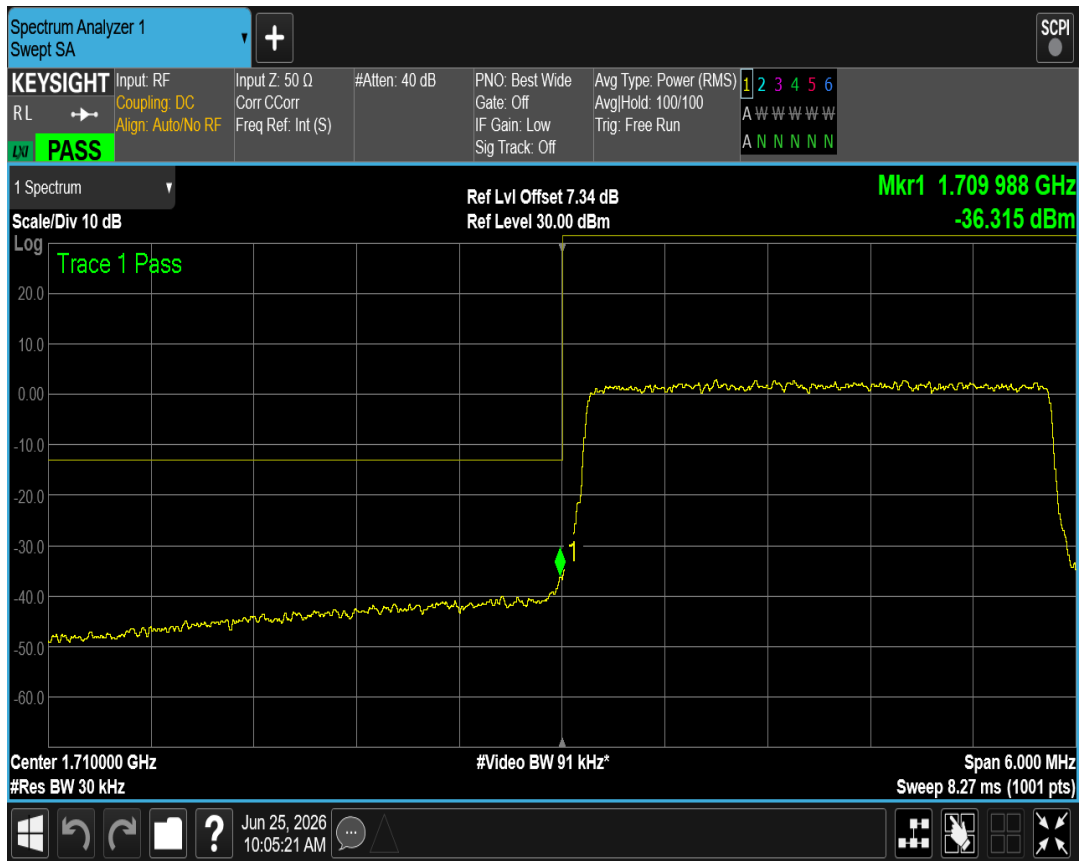
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



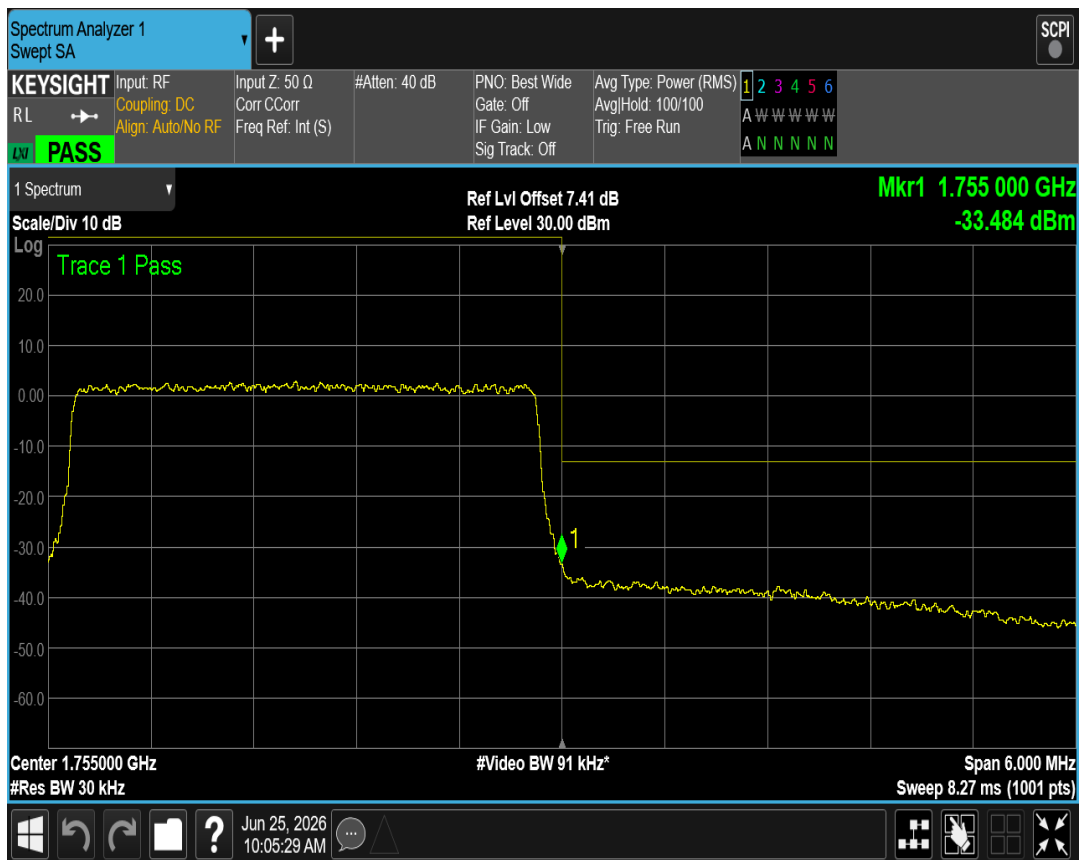
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



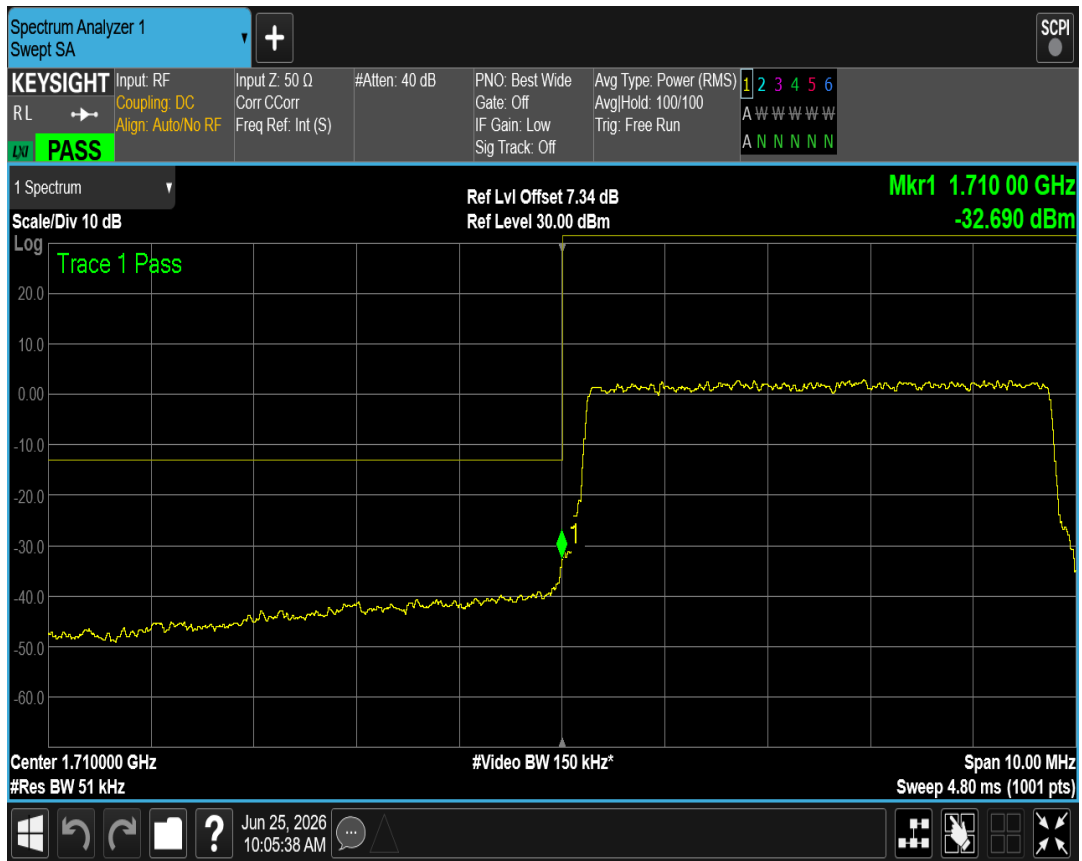
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



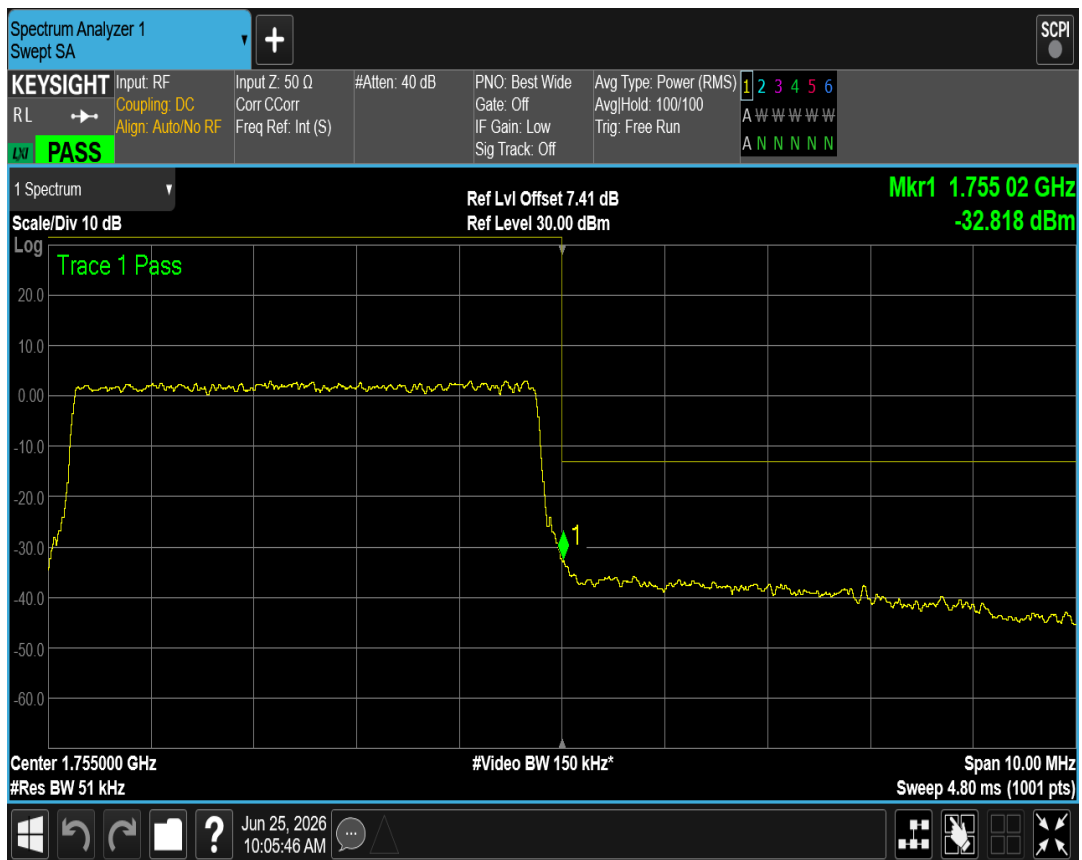
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



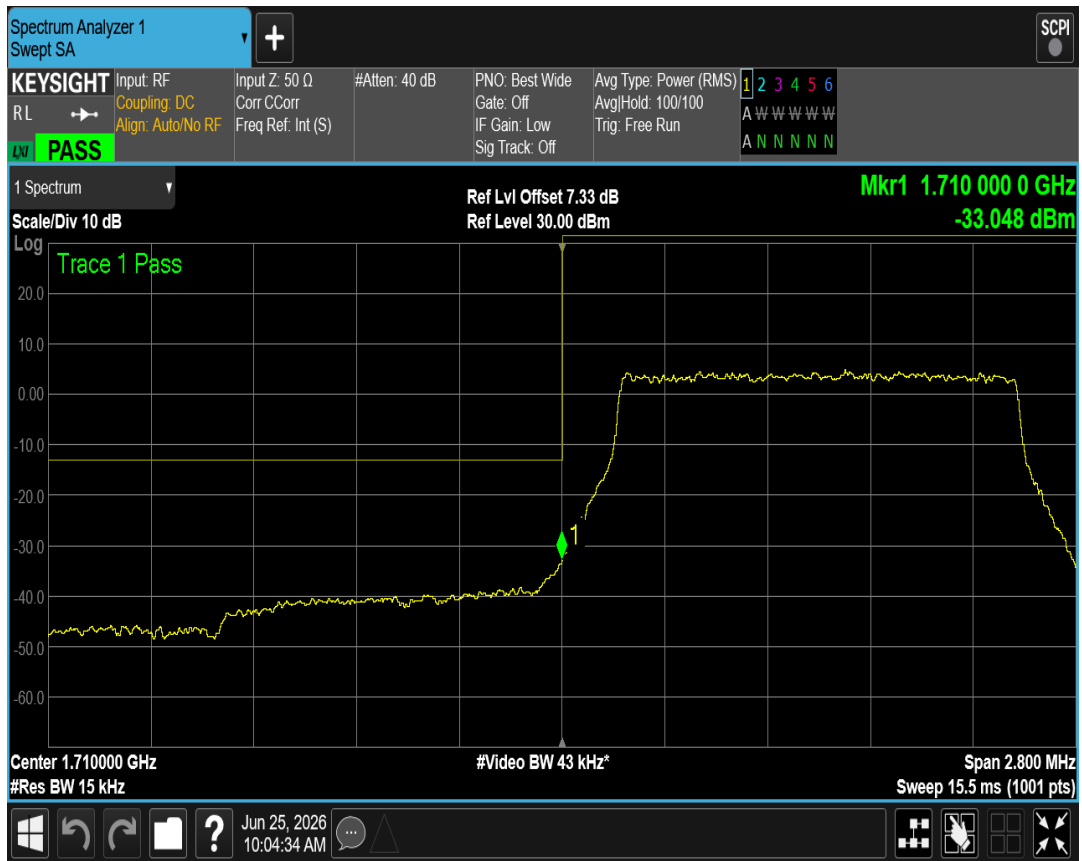
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



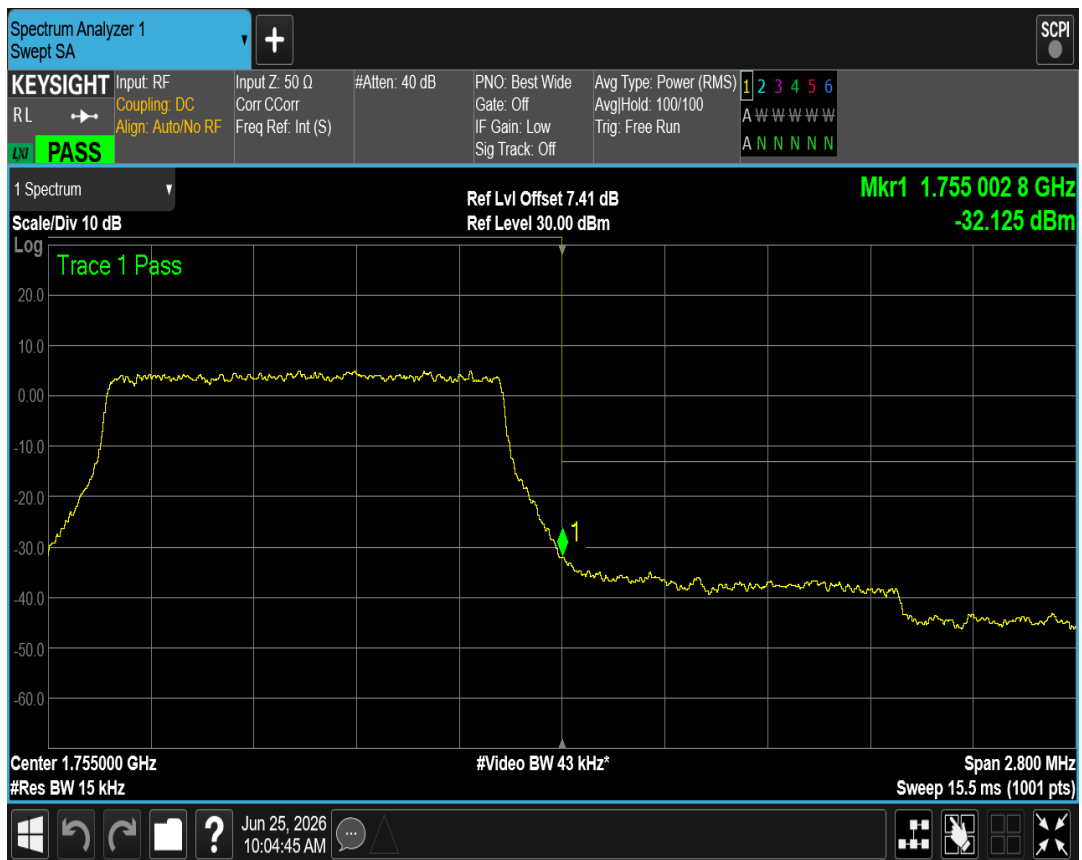
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



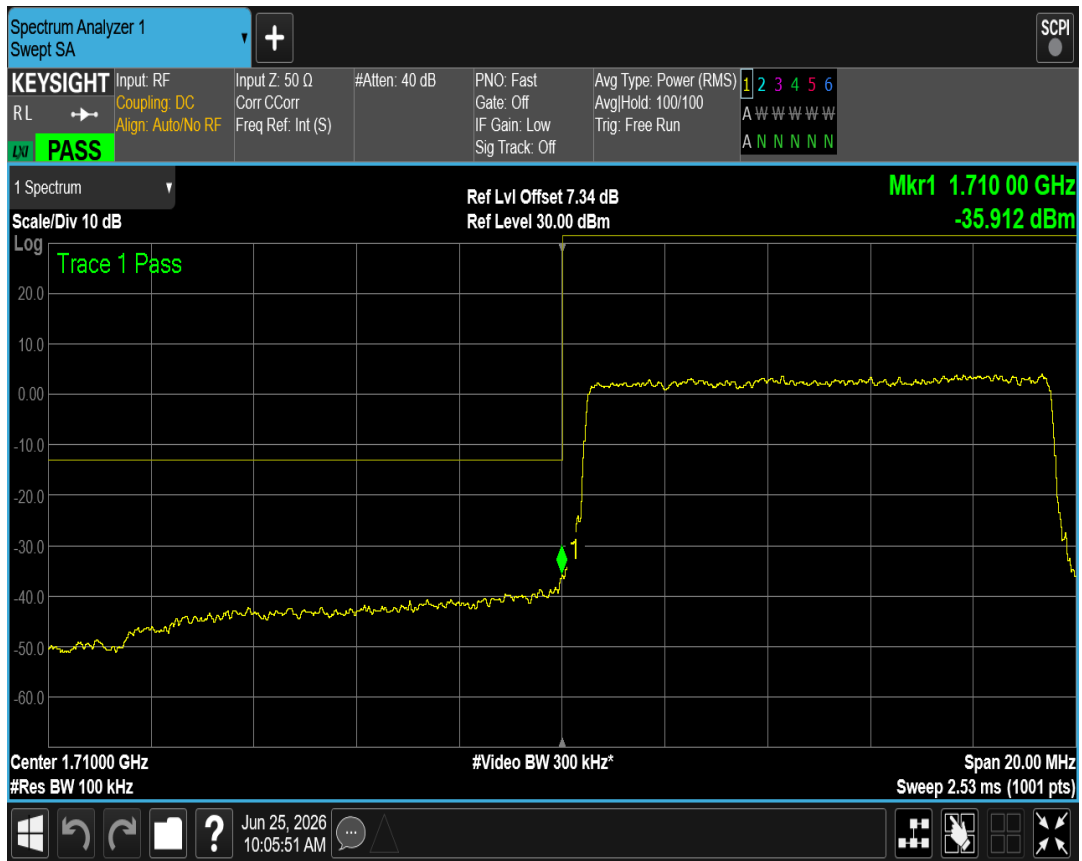
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



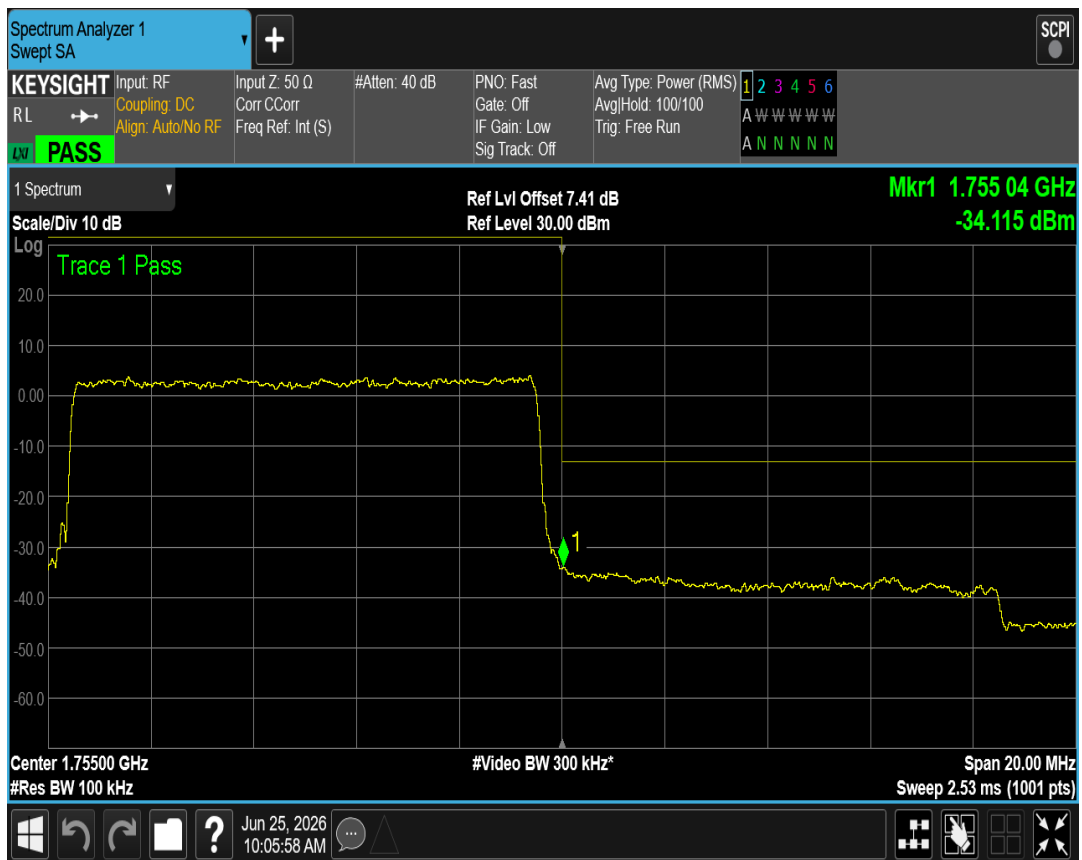
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



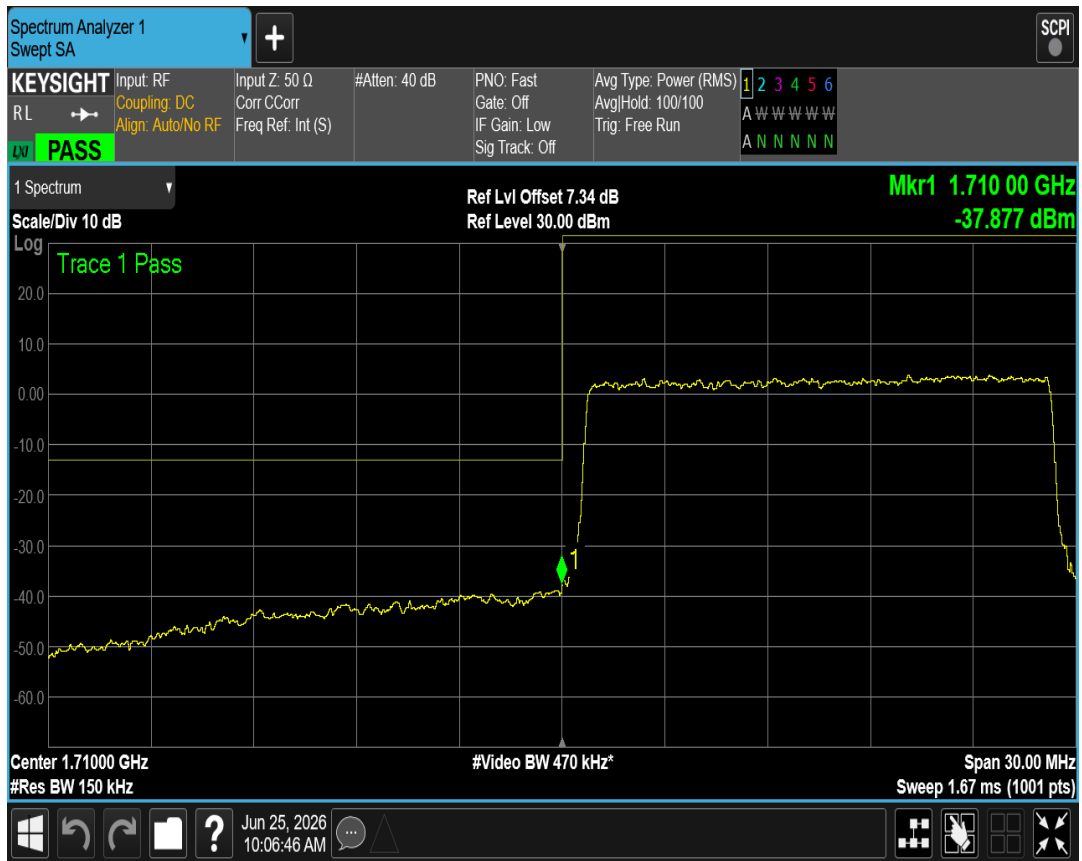
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



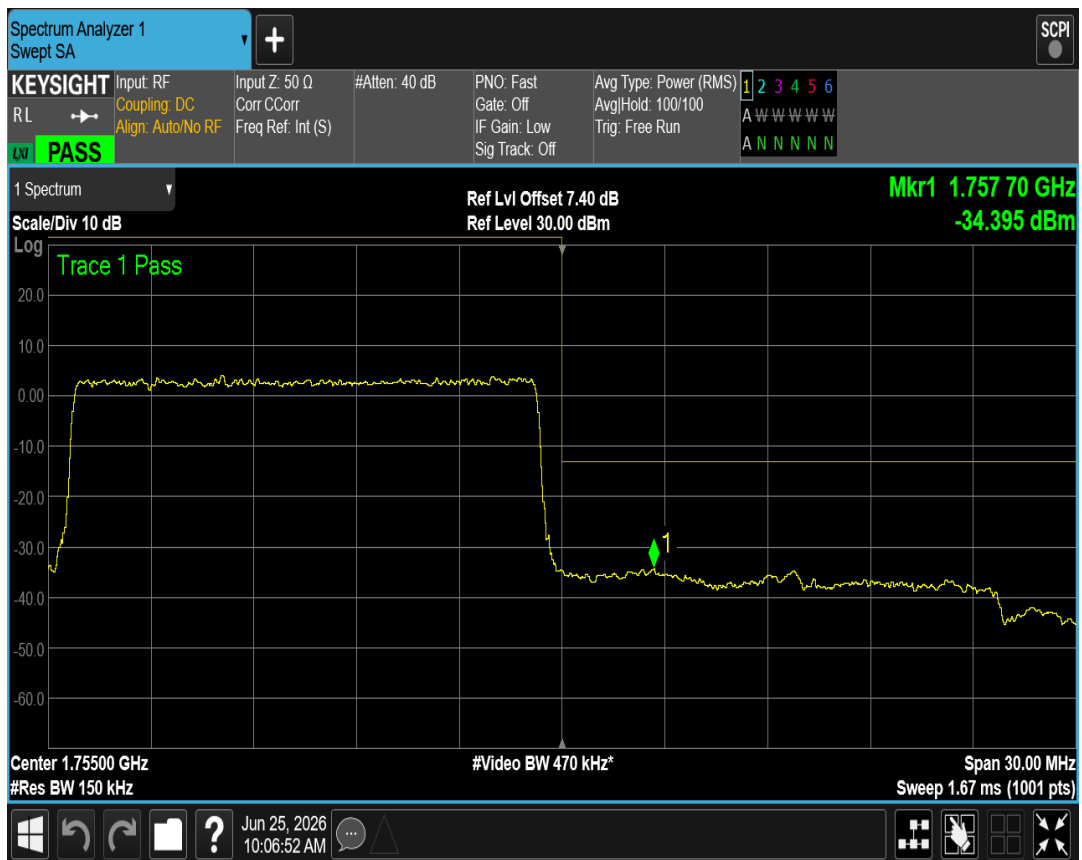
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



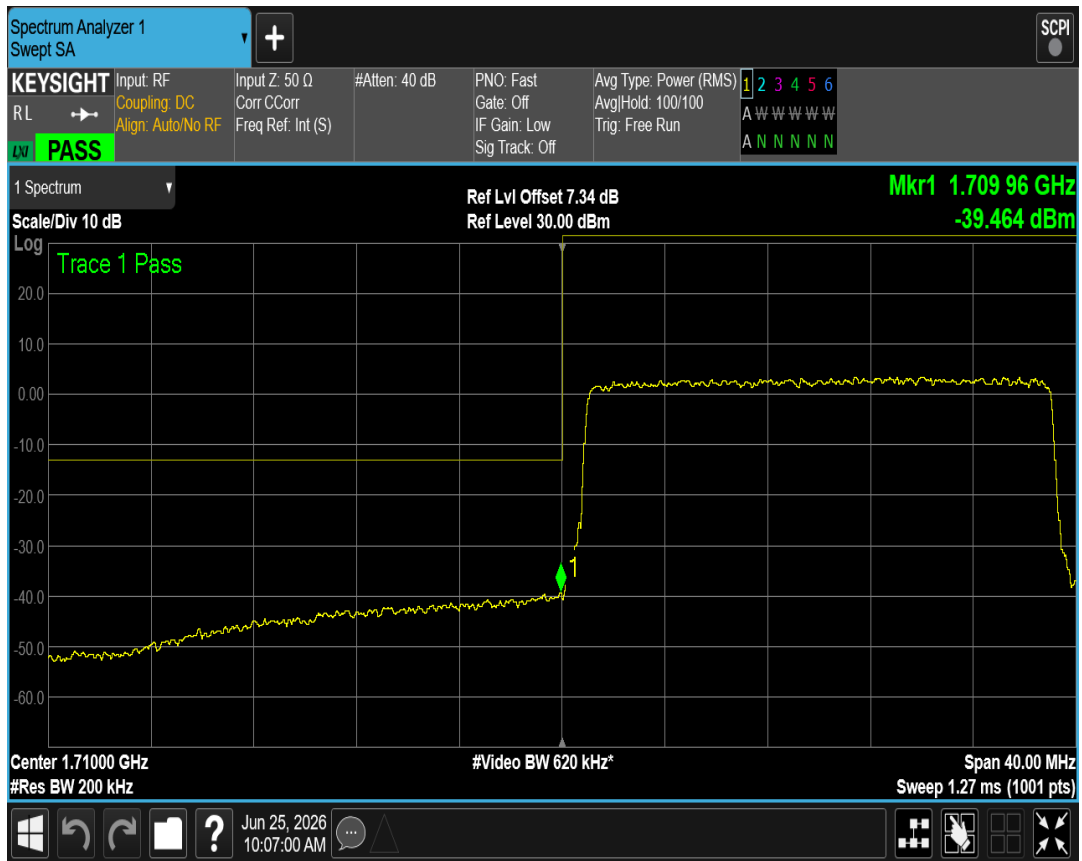
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



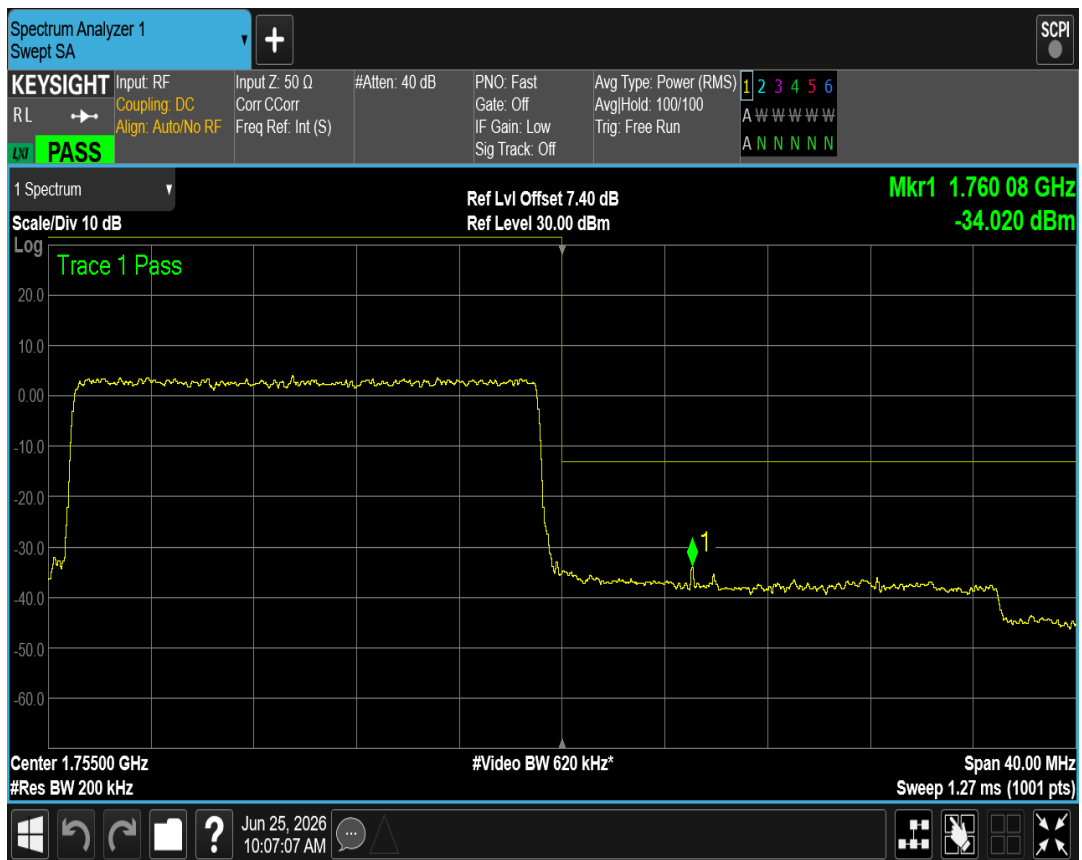
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



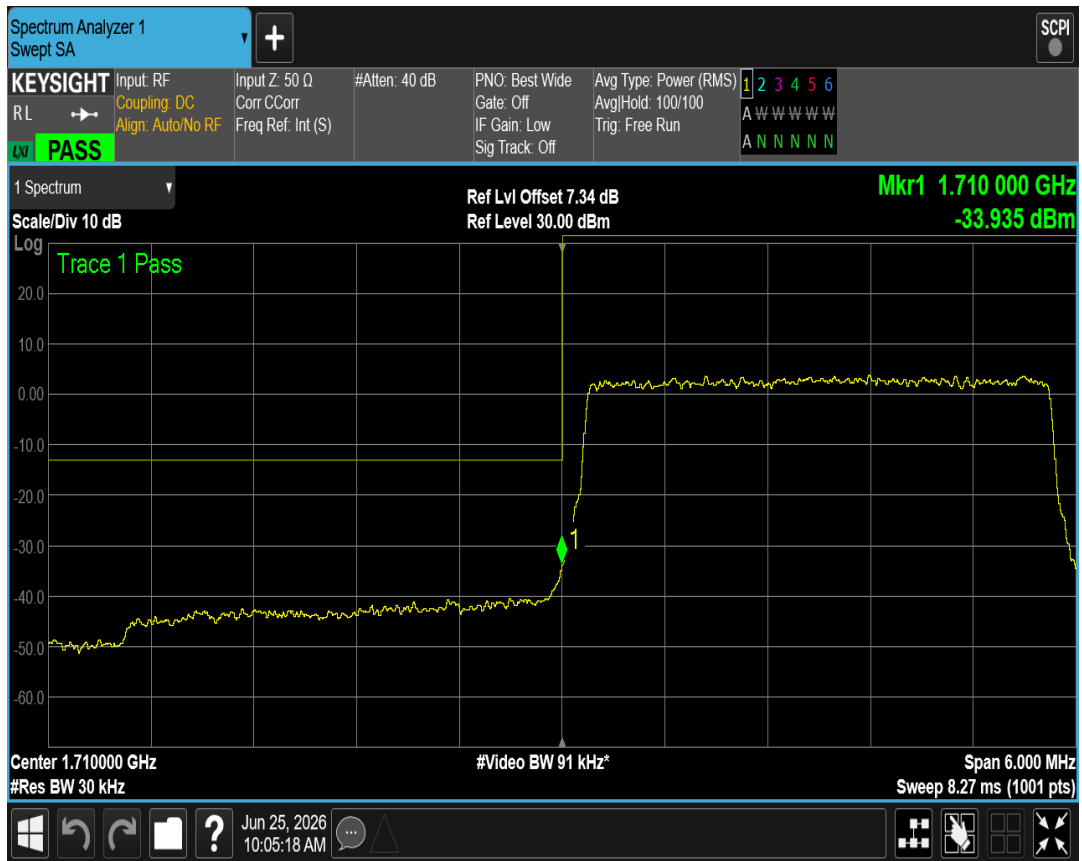
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



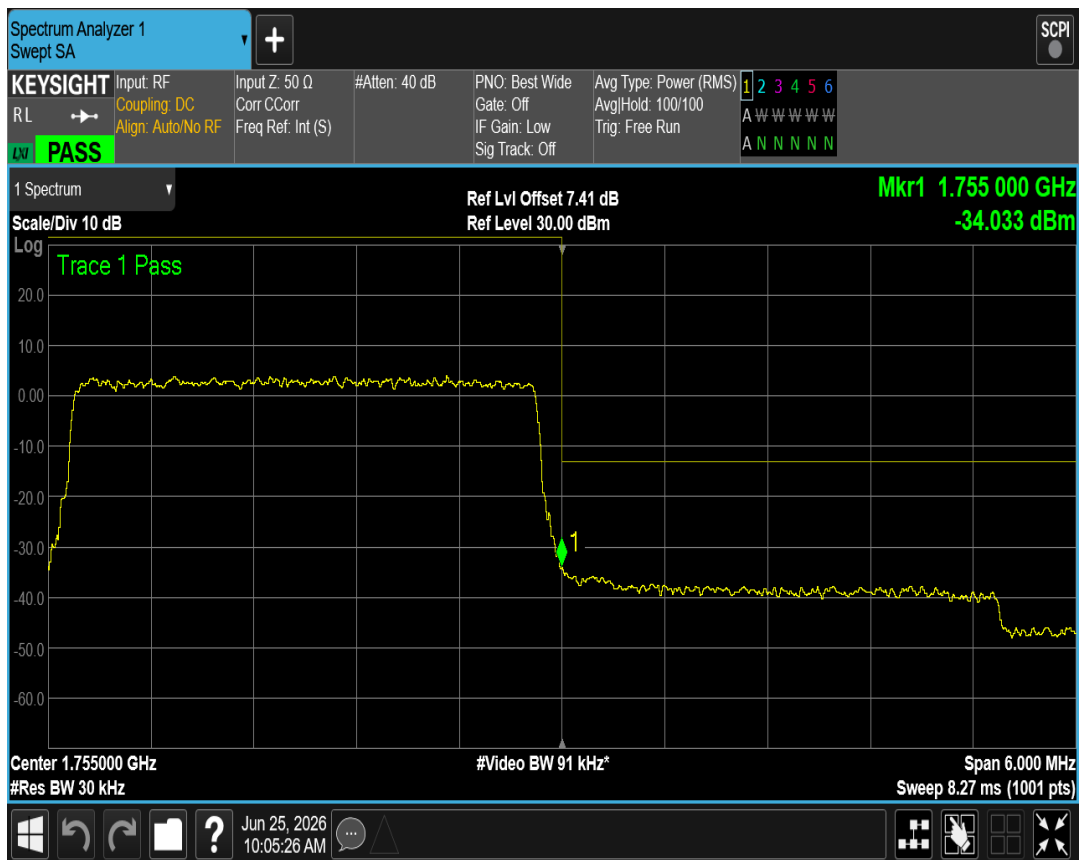
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



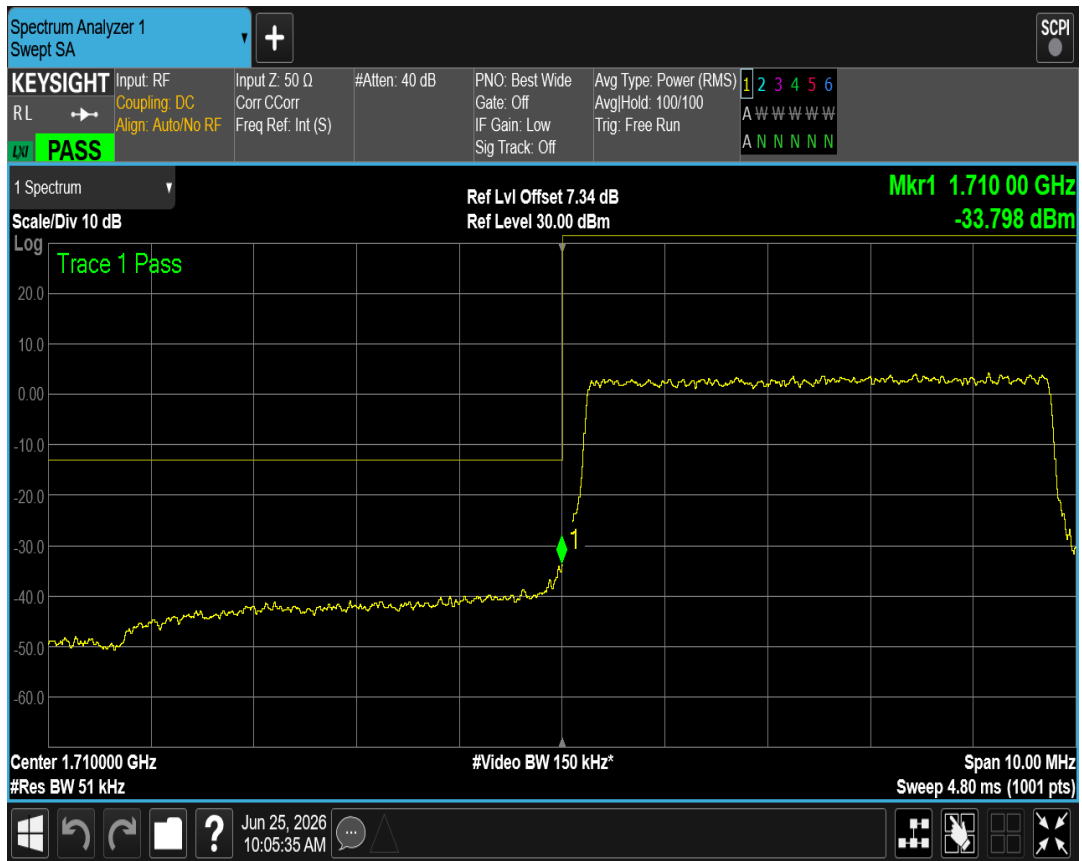
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



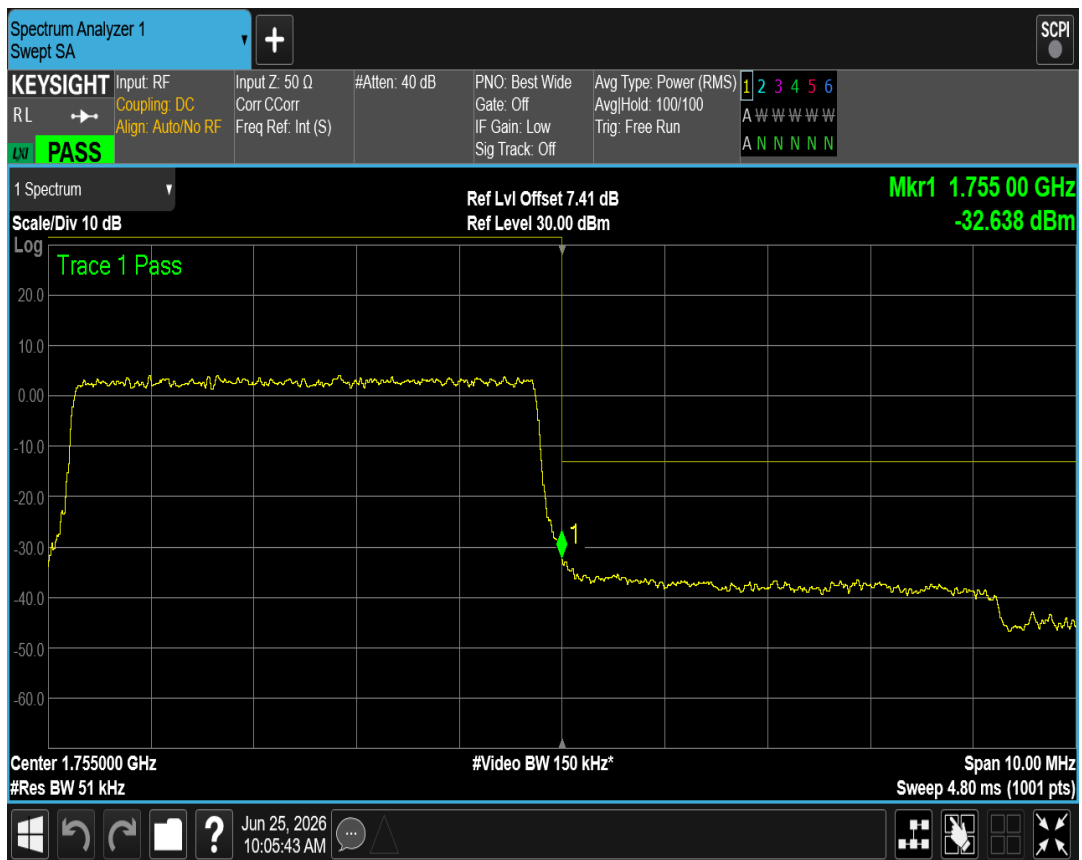
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



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



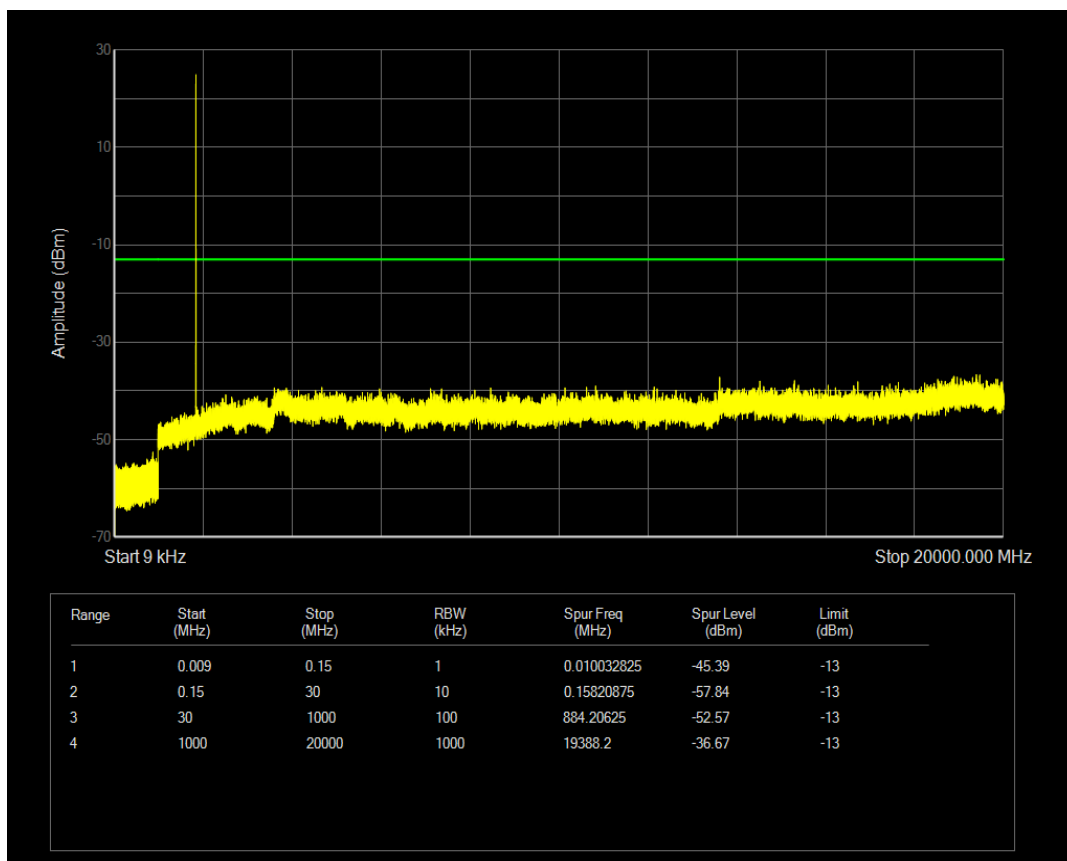
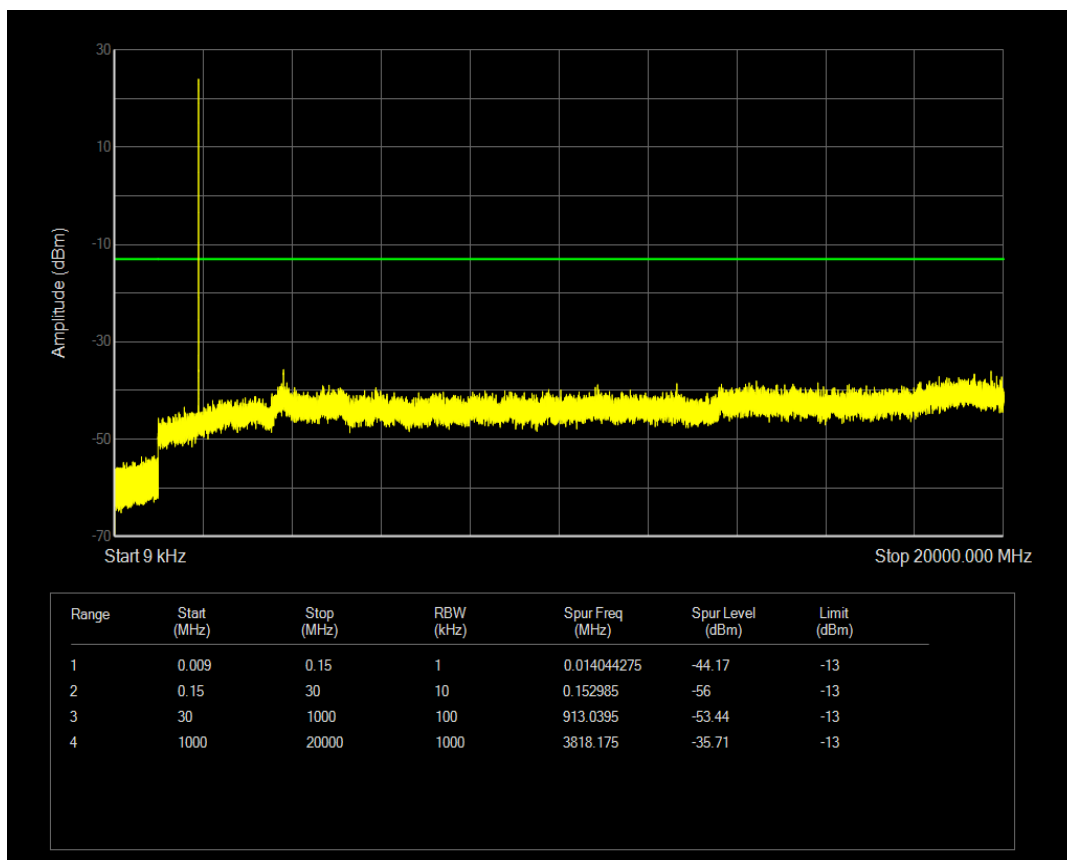
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0

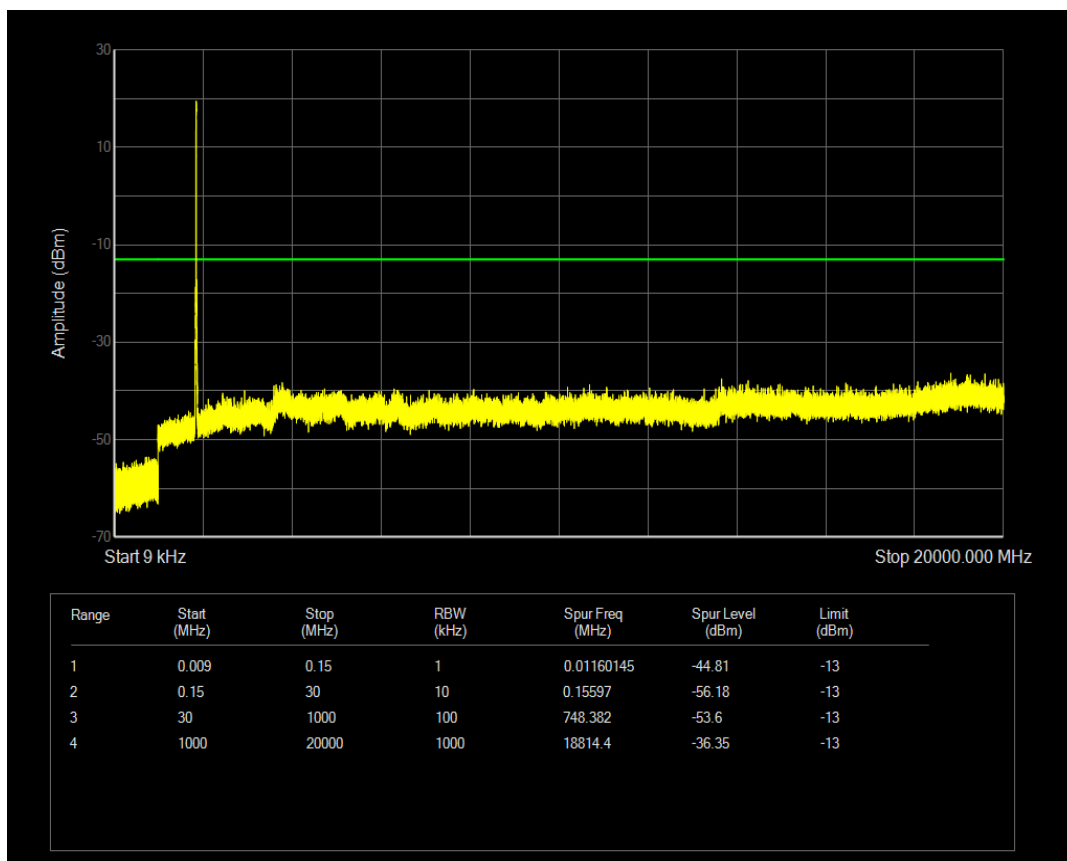
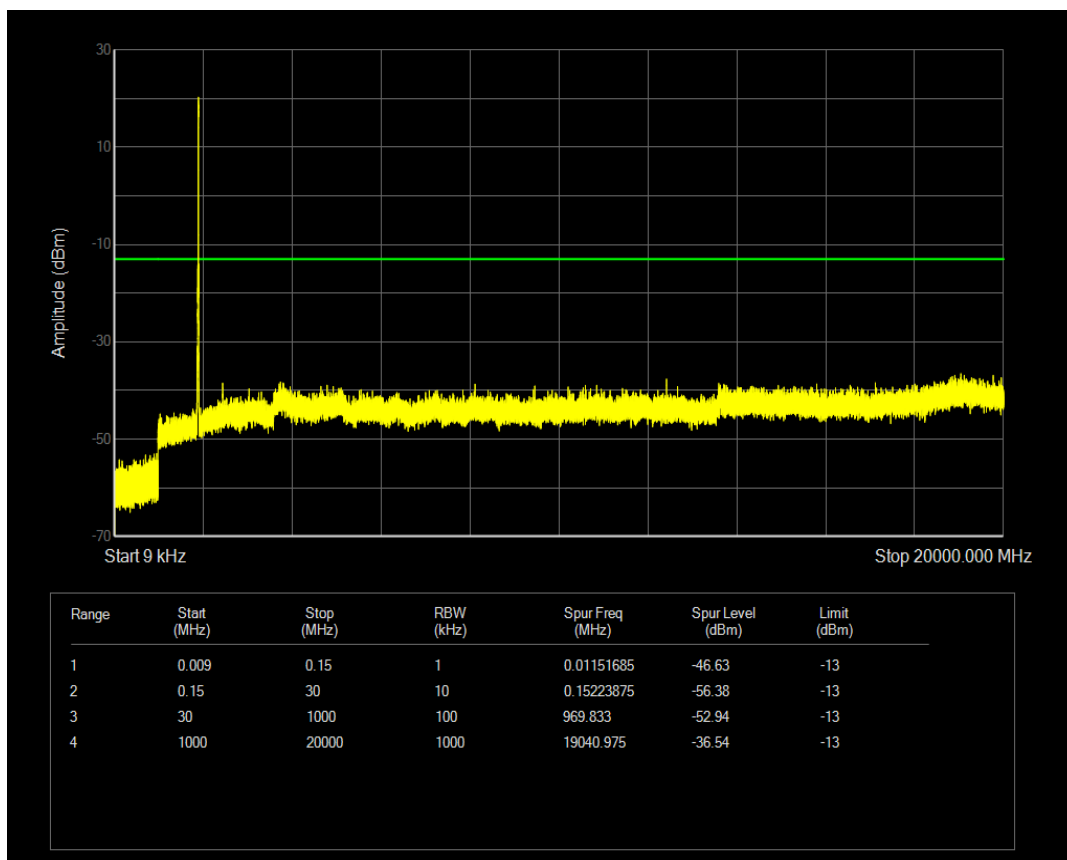


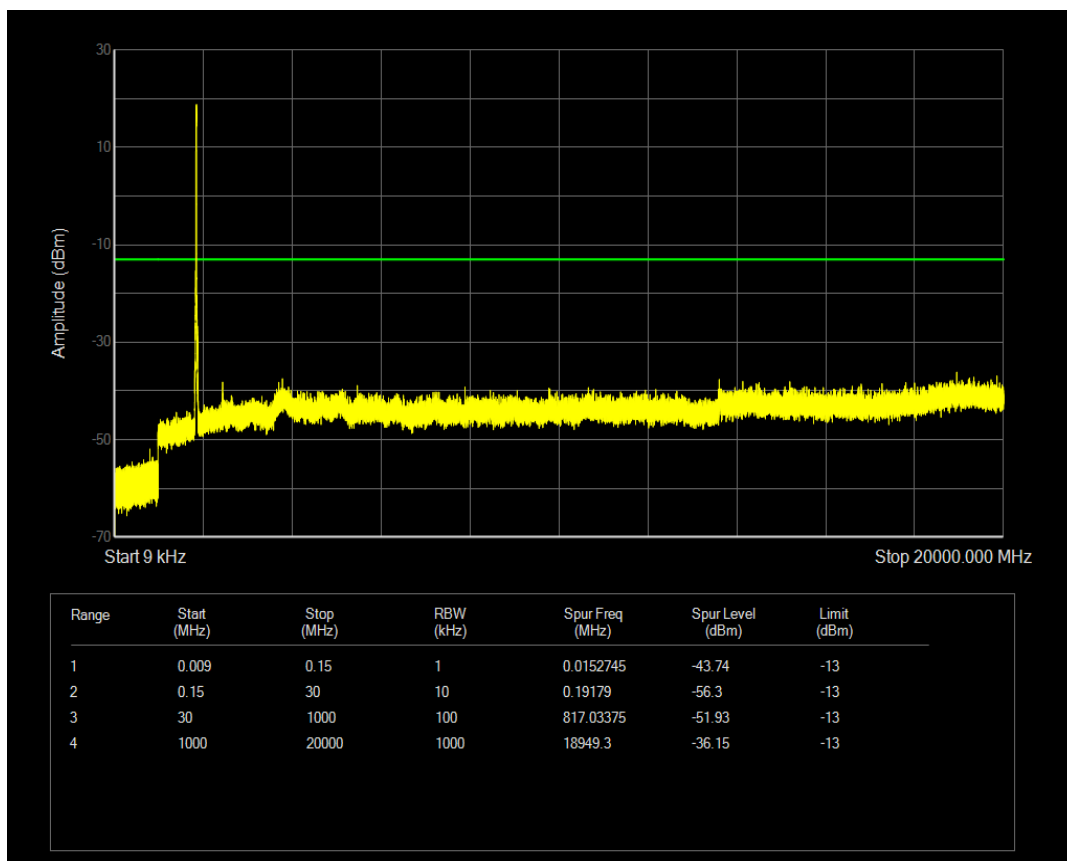
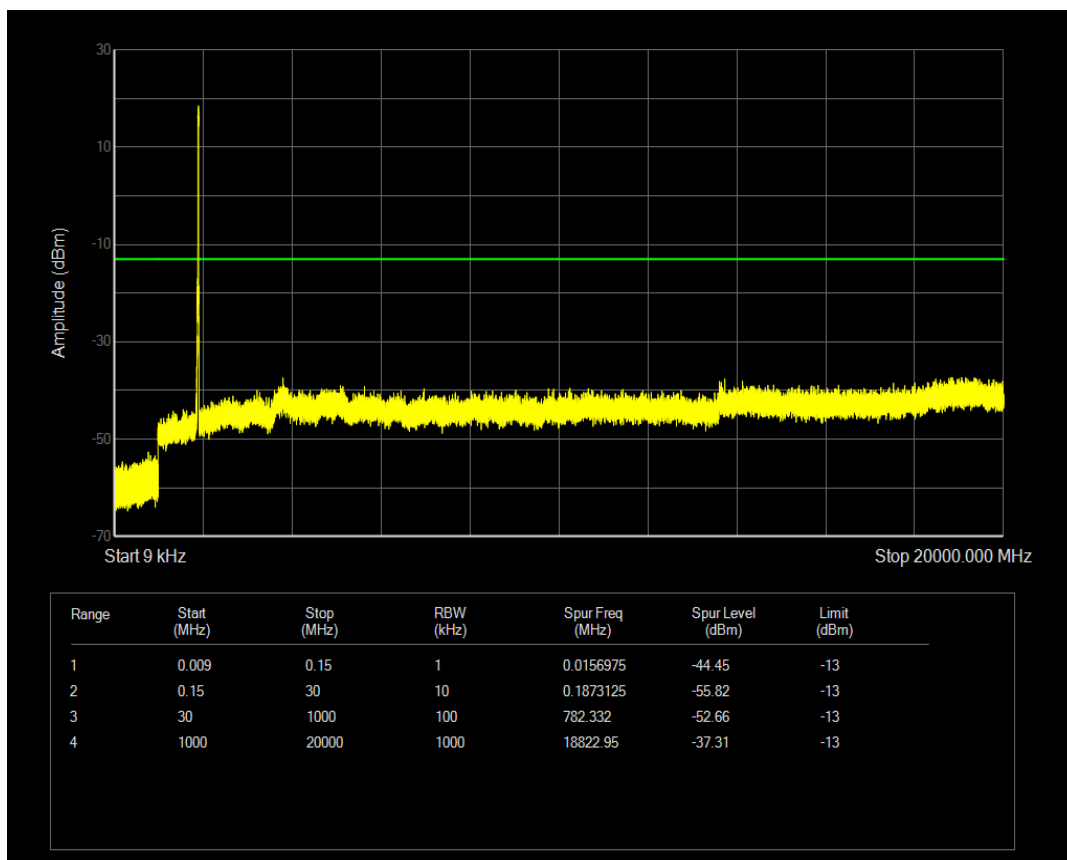
6 Out-of-band emissions

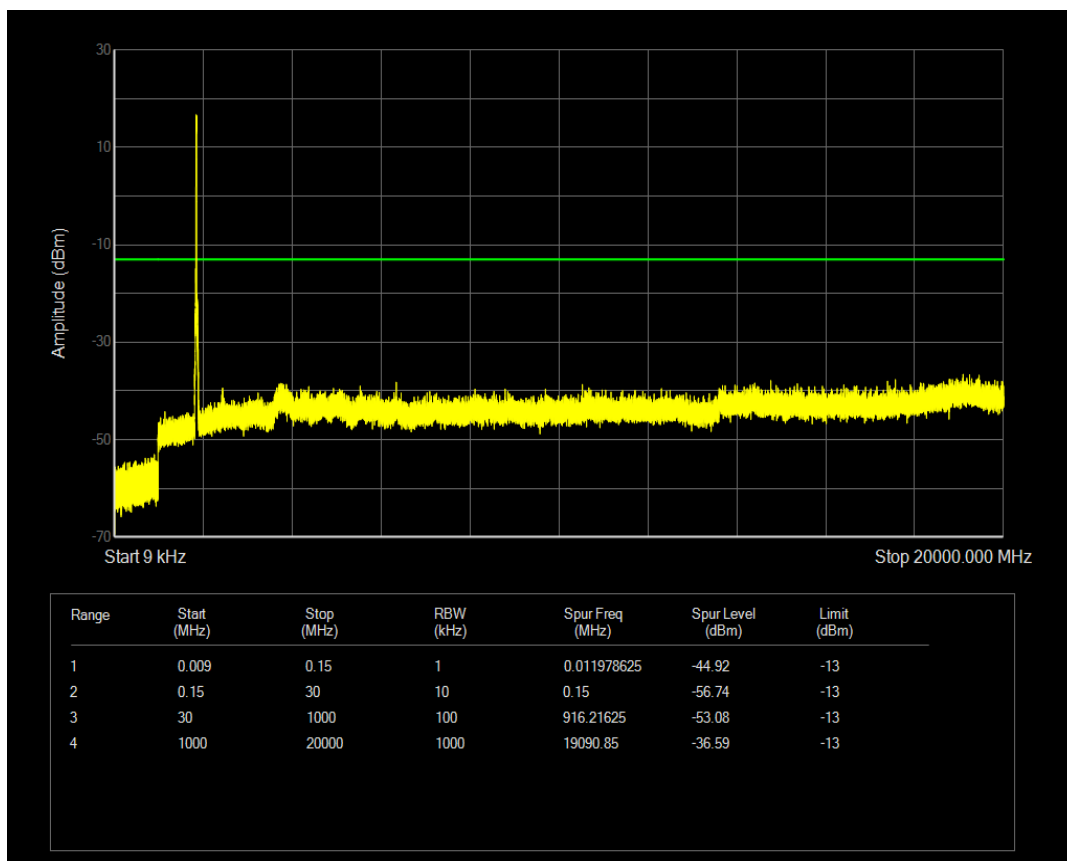
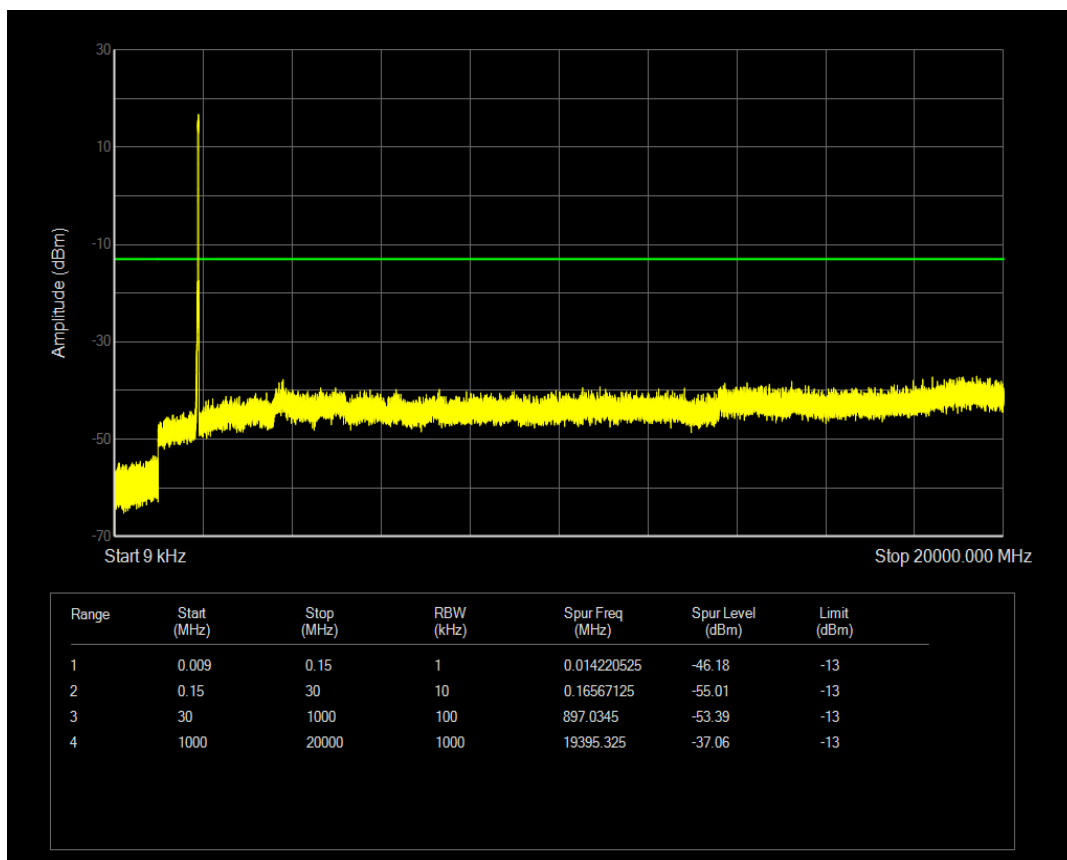
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band2	1.4	18607	6	#0	QPSK	18906.55	-36.30	-13	PASS
Band2	1.4	18607	6	#0	QAM16	19388.20	-36.67	-13	PASS
Band2	1.4	19193	6	#0	QPSK	3818.18	-36.16	-13	PASS
Band2	1.4	19193	6	#0	QAM16	3818.18	-35.71	-13	PASS
Band2	3	18615	15	#0	QPSK	19092.28	-35.54	-13	PASS
Band2	3	18615	15	#0	QAM16	19071.85	-36.04	-13	PASS
Band2	3	19185	15	#0	QPSK	19797.18	-36.04	-13	PASS
Band2	3	19185	15	#0	QAM16	18829.13	-36.37	-13	PASS
Band2	5	18625	25	#0	QPSK	19214.83	-36.65	-13	PASS
Band2	5	18625	25	#0	QAM16	19301.75	-36.13	-13	PASS
Band2	5	19175	25	#0	QPSK	18764.53	-36.54	-13	PASS
Band2	5	19175	25	#0	QAM16	2450.18	-35.53	-13	PASS
Band2	10	18650	50	#0	QPSK	19531.18	-36.08	-13	PASS
Band2	10	18650	50	#0	QAM16	18814.40	-36.35	-13	PASS
Band2	10	19150	50	#0	QPSK	19082.78	-36.78	-13	PASS
Band2	10	19150	50	#0	QAM16	19040.98	-36.54	-13	PASS
Band2	15	18675	75	#0	QPSK	19530.70	-35.78	-13	PASS
Band2	15	18675	75	#0	QAM16	18949.30	-36.15	-13	PASS
Band2	15	19125	75	#0	QPSK	19134.08	-35.79	-13	PASS
Band2	15	19125	75	#0	QAM16	18822.95	-37.31	-13	PASS
Band2	20	18700	100	#0	QPSK	18912.73	-36.65	-13	PASS
Band2	20	18700	100	#0	QAM16	19090.85	-36.59	-13	PASS
Band2	20	19100	100	#0	QPSK	19685.08	-35.90	-13	PASS
Band2	20	19100	100	#0	QAM16	19395.33	-37.06	-13	PASS

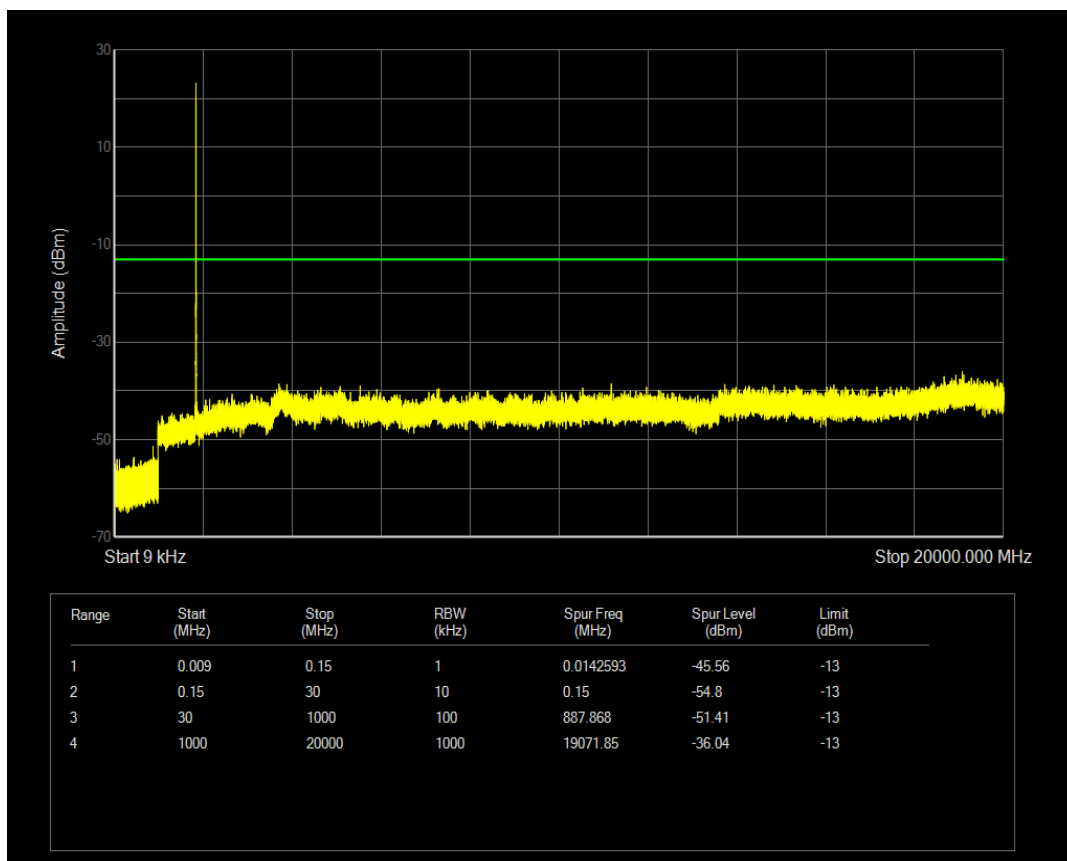
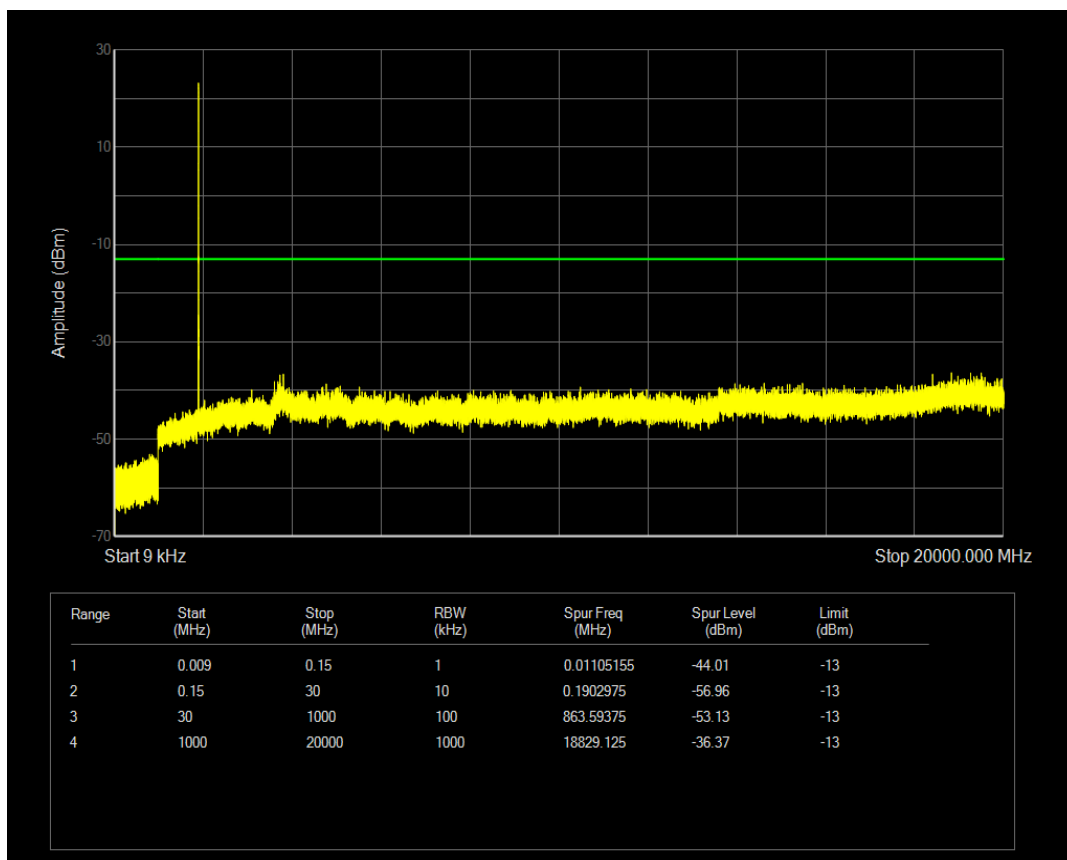
Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0

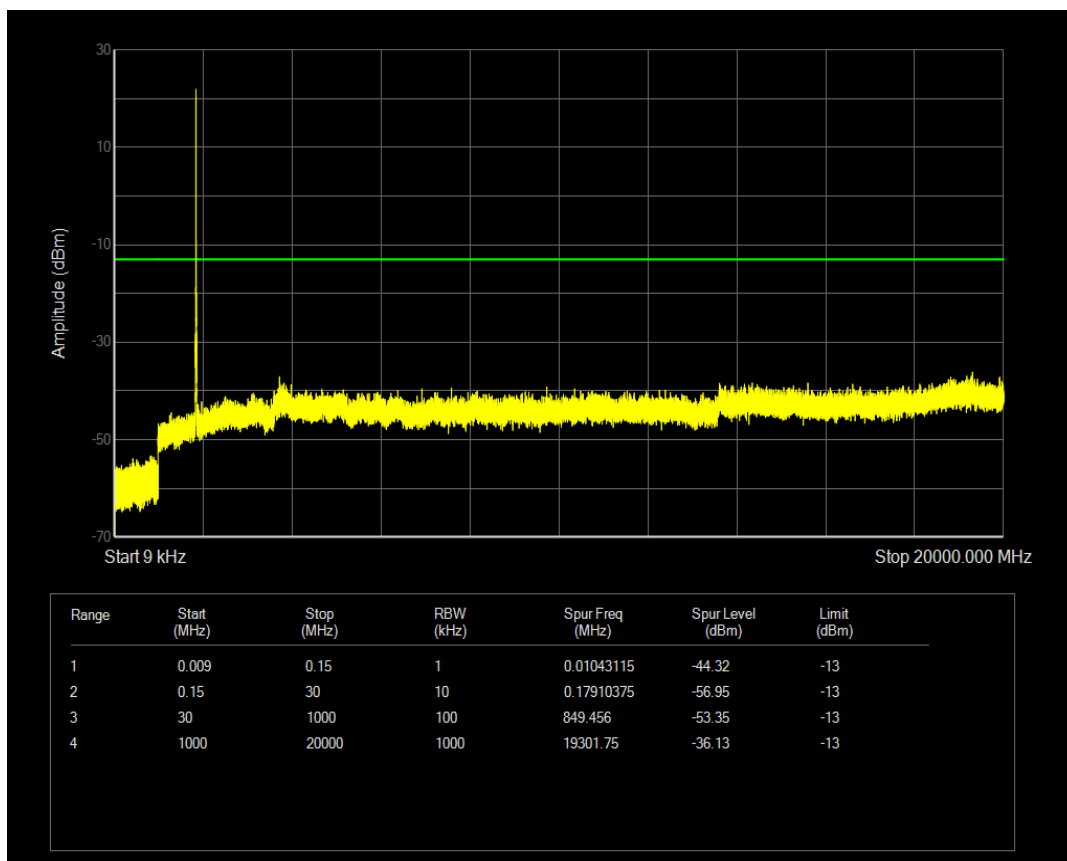
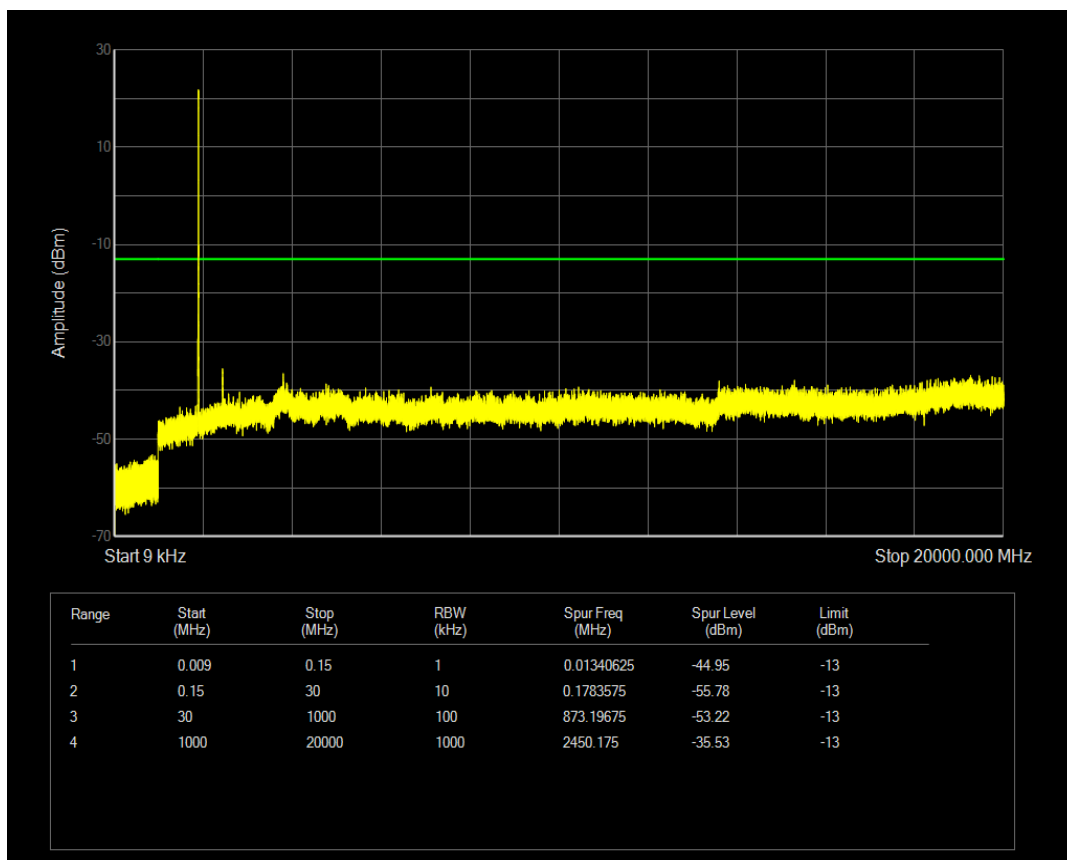
**Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0****Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0**

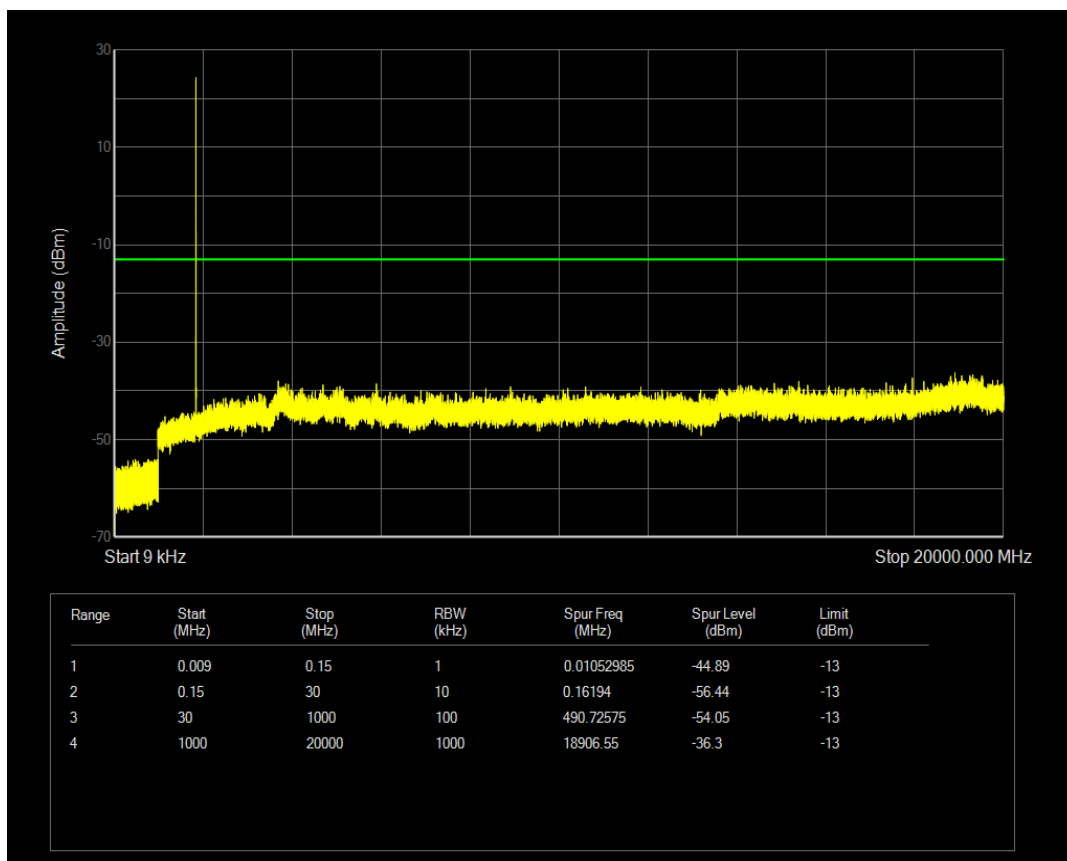
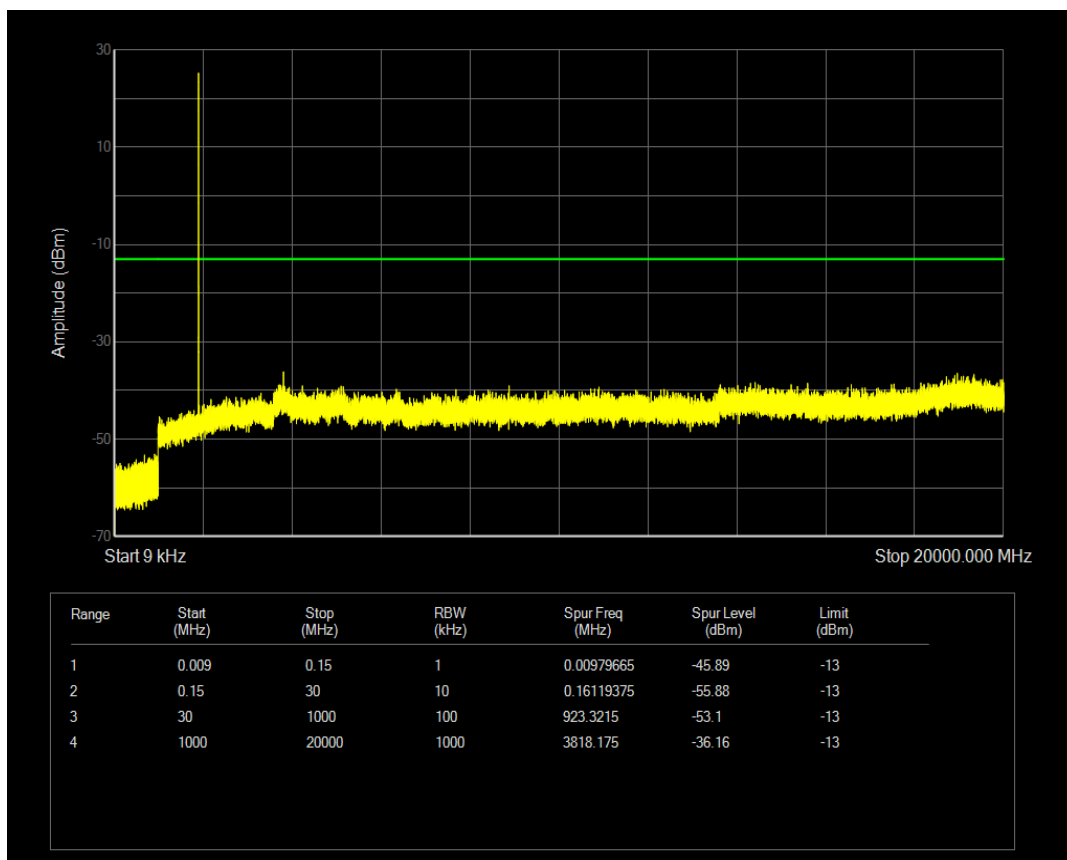
**Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0****Band2 QAM16 BW=15MHz Channel=18675 RB Size=75 Position=#0**

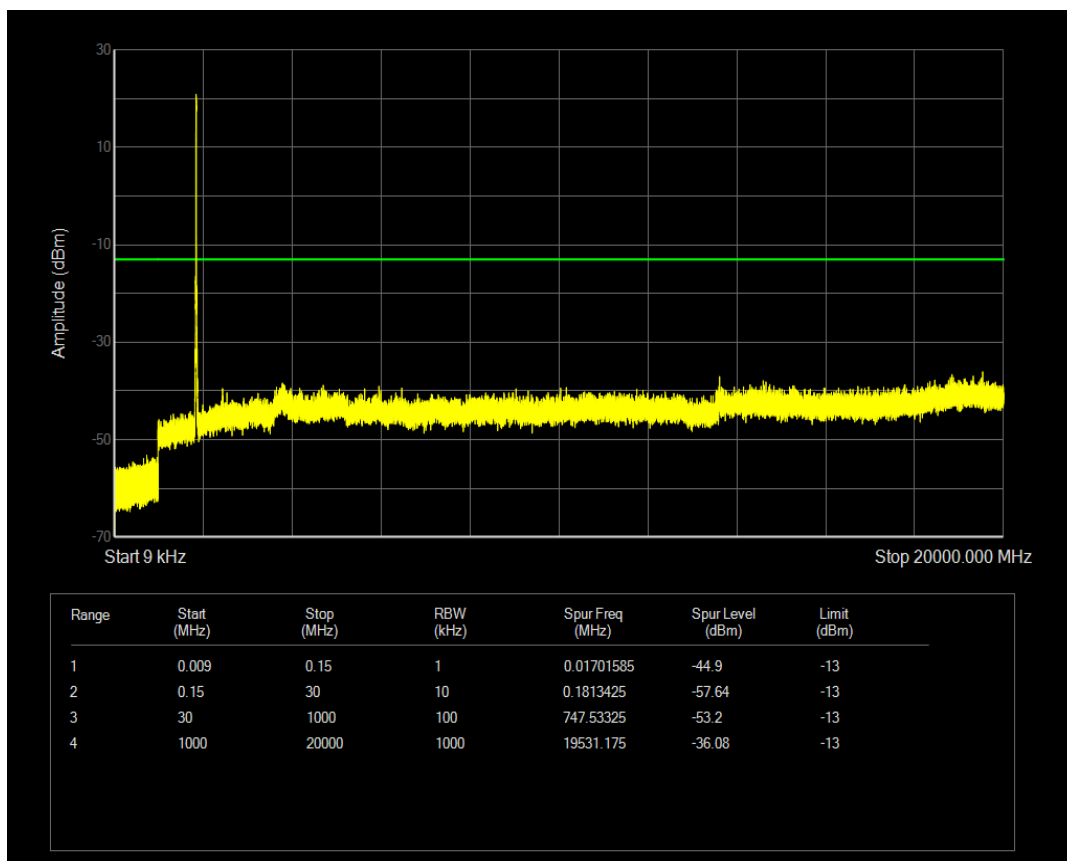
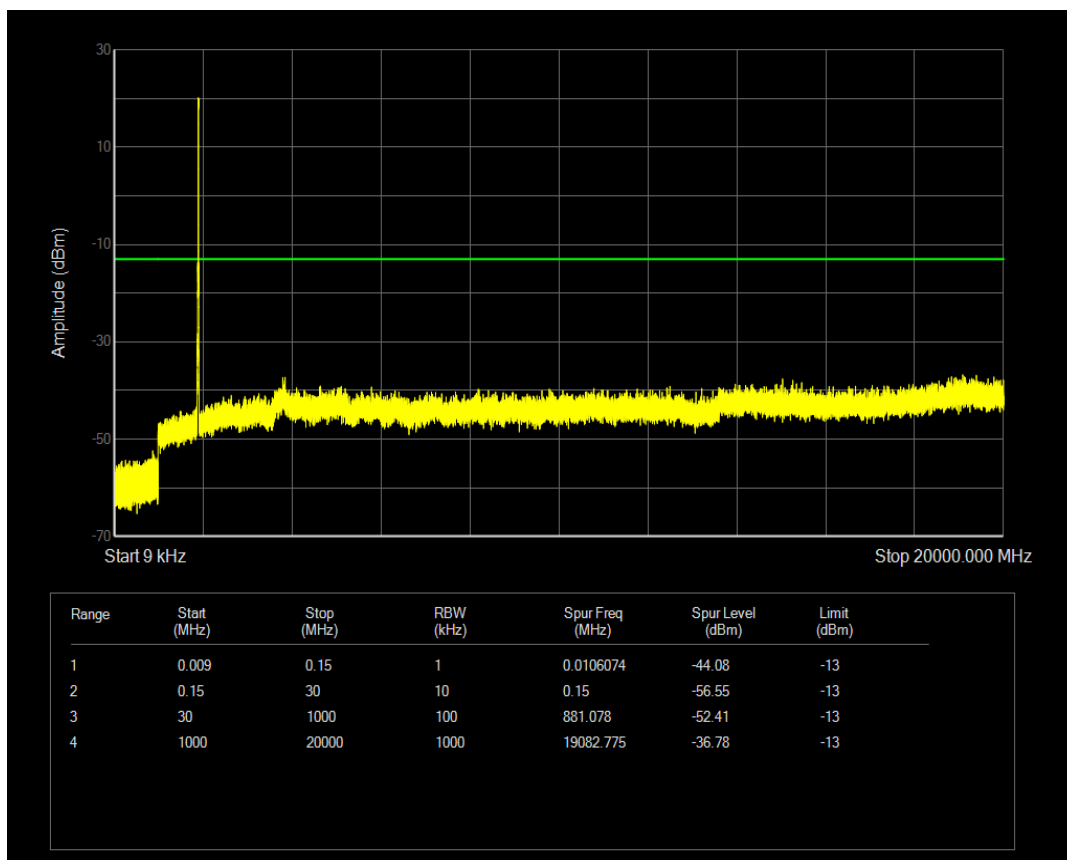
**Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0****Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0**

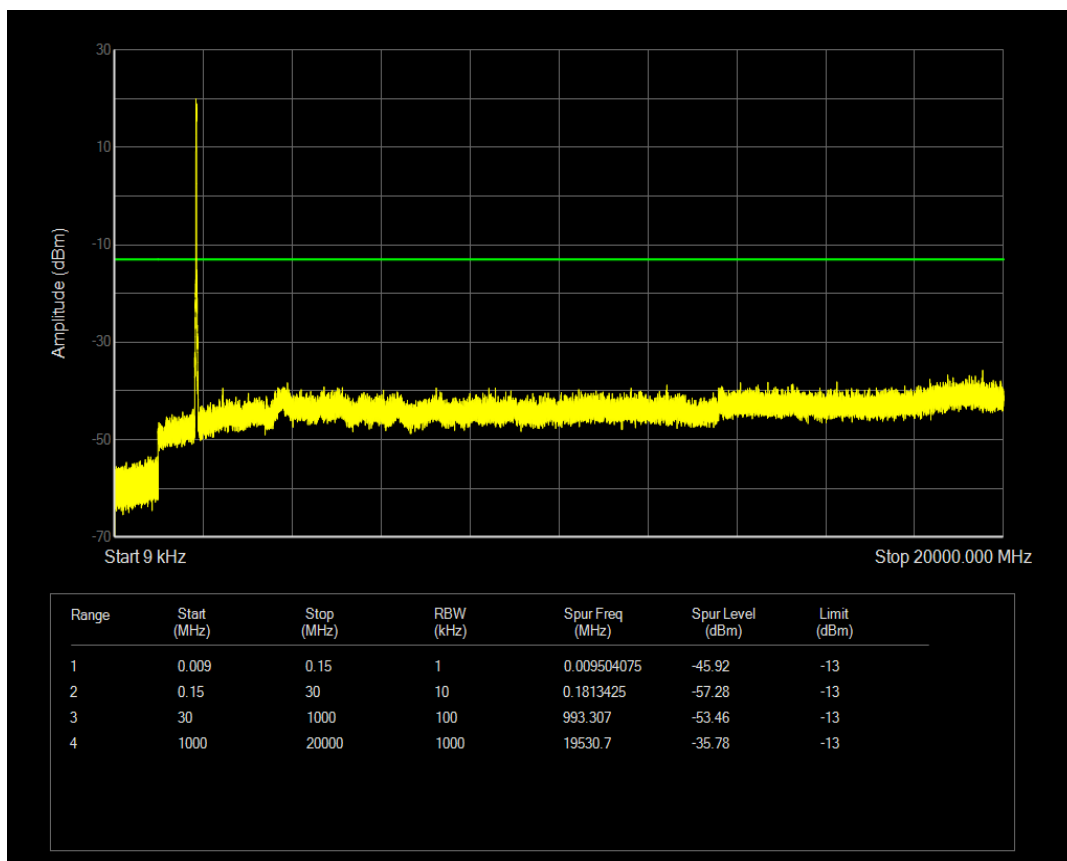
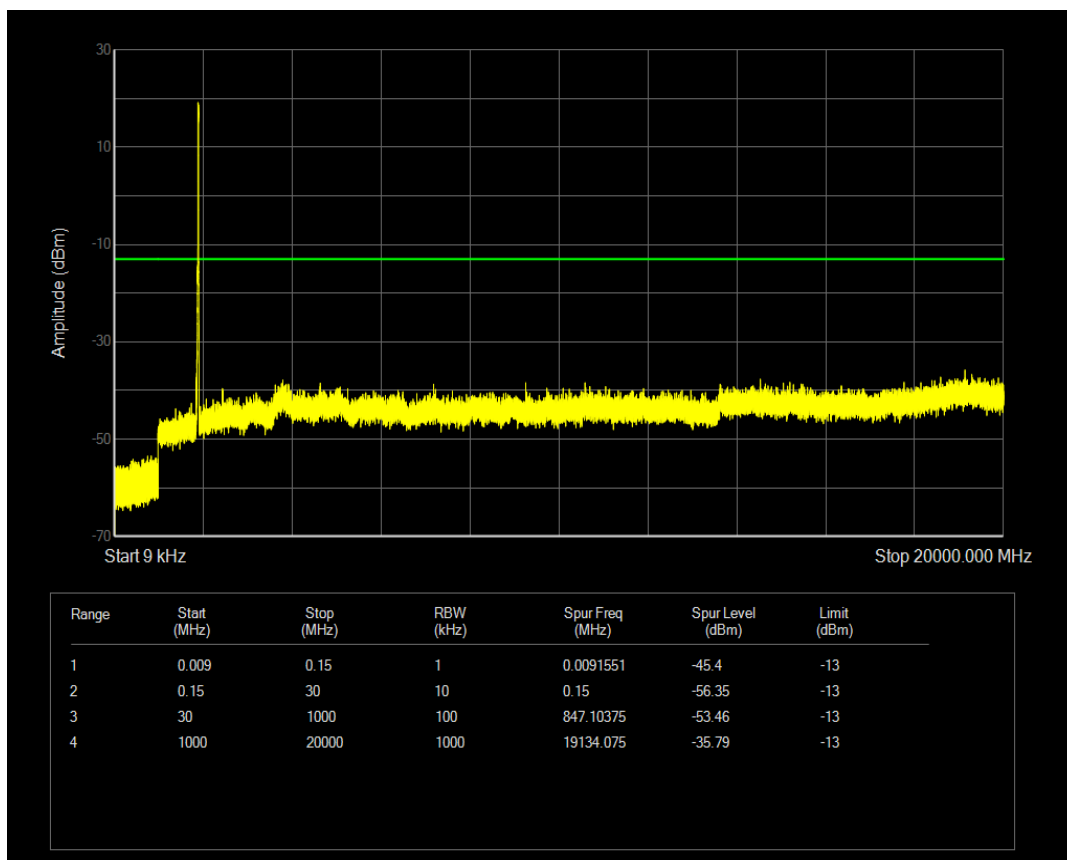
**Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0****Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0**

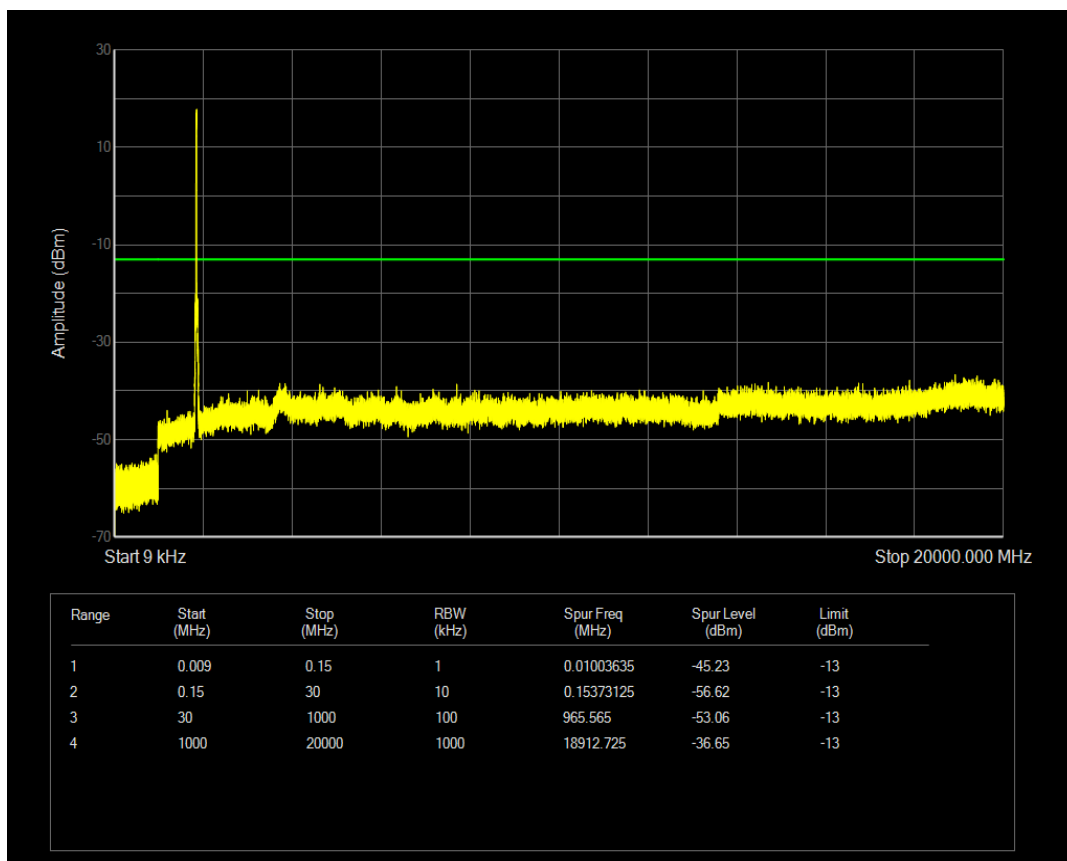
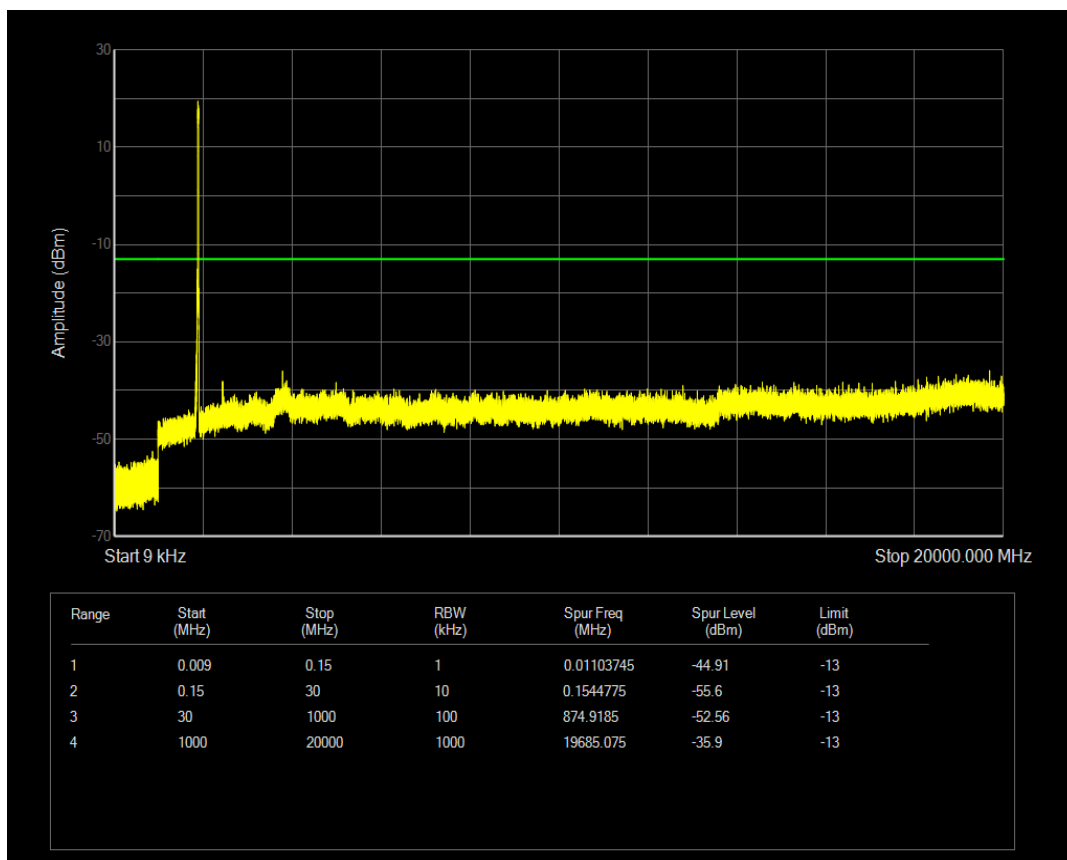
**Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0****Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0**

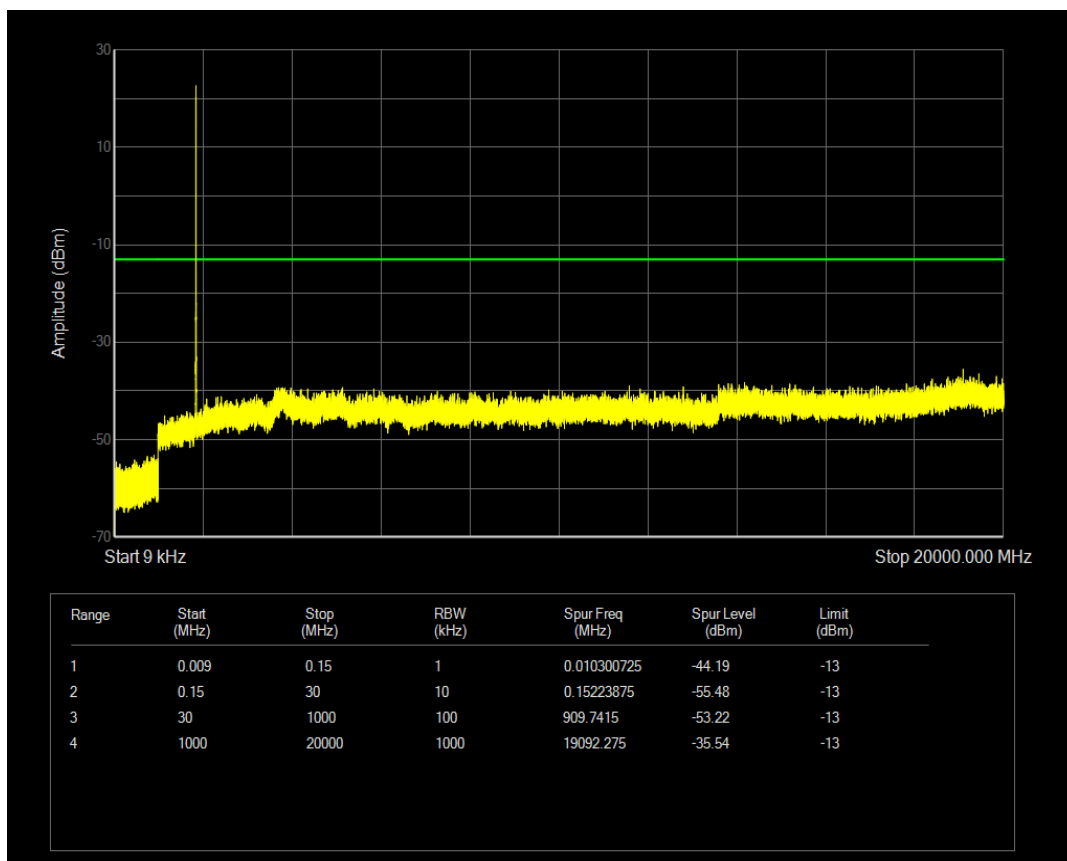
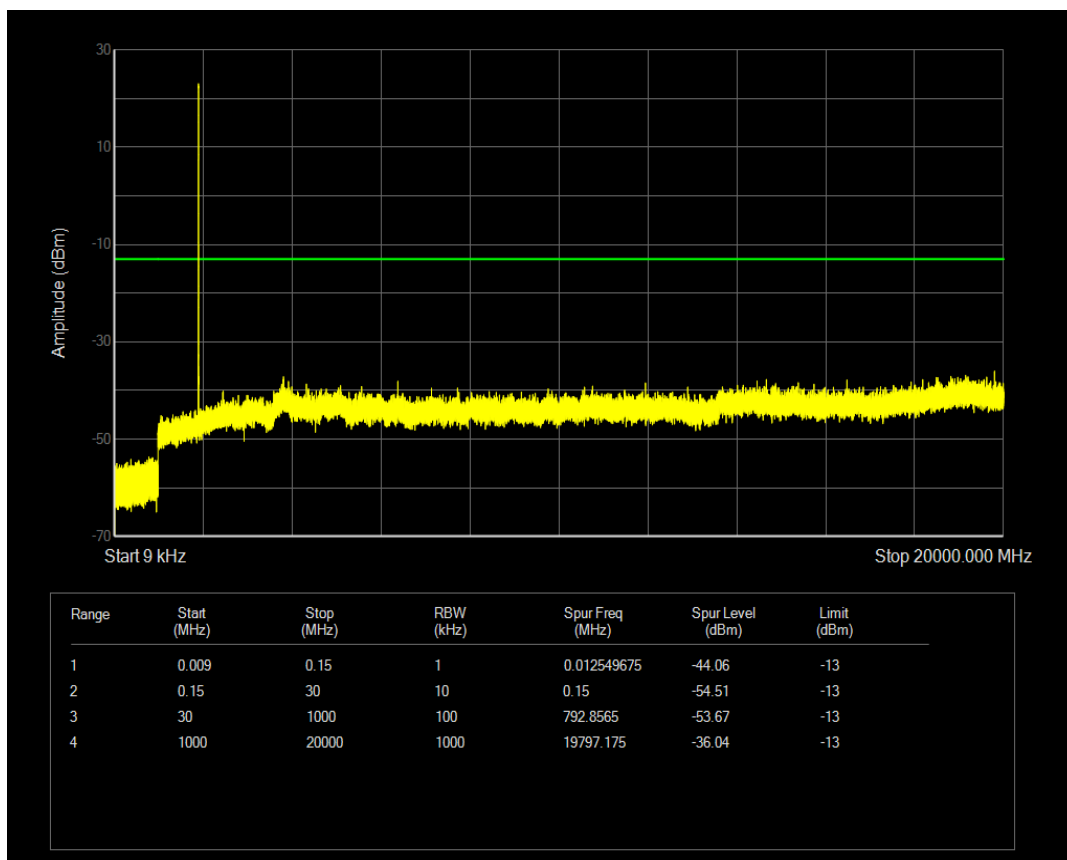
**Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0****Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0**

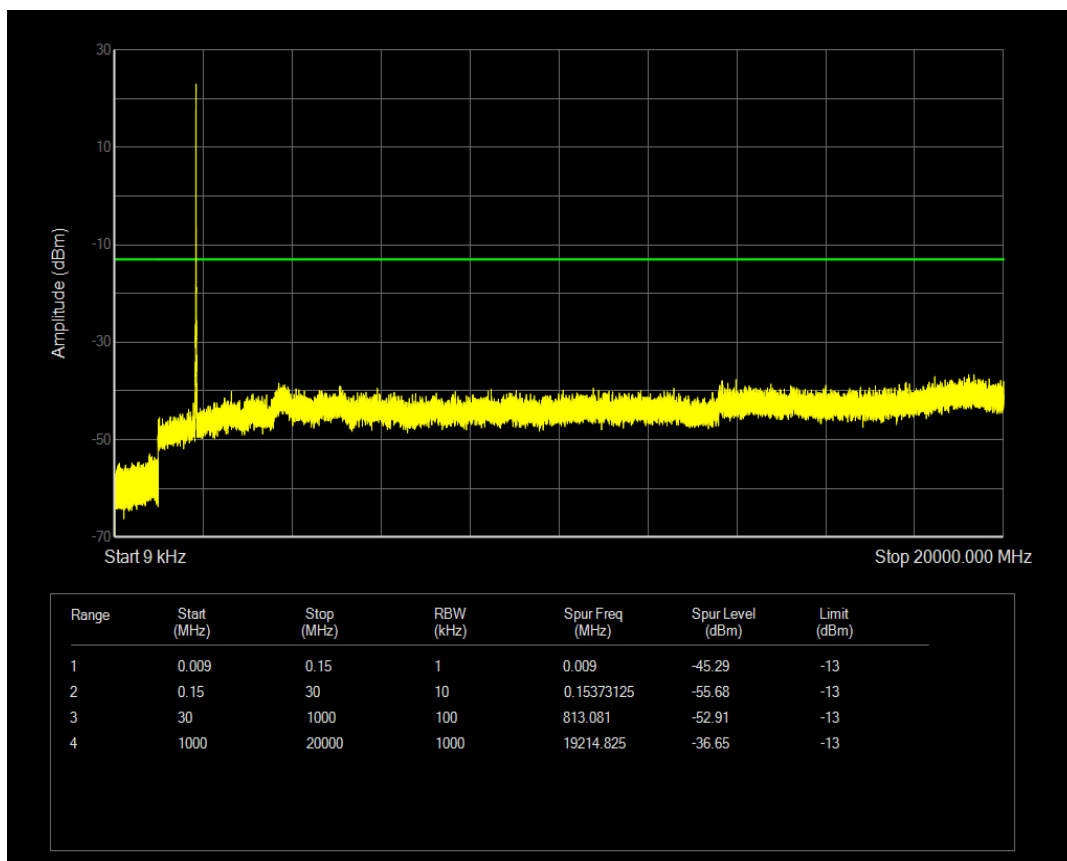
**Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0****Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0**

**Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0****Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0**

**Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0****Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0**

**Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0****Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0**

**Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0****Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0**



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

