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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	24.44	-1.7	22.74	30.00	PASS
Band4	1.4	19957	1	#Mid	QPSK	24.52	-1.7	22.82	30.00	PASS
Band4	1.4	19957	1	#Max	QPSK	24.44	-1.7	22.74	30.00	PASS
Band4	1.4	19957	3	#0	QPSK	24.47	-1.7	22.77	30.00	PASS
Band4	1.4	19957	3	#Mid	QPSK	24.45	-1.7	22.75	30.00	PASS
Band4	1.4	19957	3	#Max	QPSK	24.45	-1.7	22.75	30.00	PASS
Band4	1.4	19957	6	#0	QPSK	23.50	-1.7	21.8	30.00	PASS
Band4	1.4	19957	1	#0	QAM16	23.70	-1.7	22	30.00	PASS
Band4	1.4	19957	1	#Mid	QAM16	23.77	-1.7	22.07	30.00	PASS
Band4	1.4	19957	1	#Max	QAM16	23.72	-1.7	22.02	30.00	PASS
Band4	1.4	19957	3	#0	QAM16	23.60	-1.7	21.9	30.00	PASS
Band4	1.4	19957	3	#Mid	QAM16	23.60	-1.7	21.9	30.00	PASS
Band4	1.4	19957	3	#Max	QAM16	23.65	-1.7	21.95	30.00	PASS
Band4	1.4	19957	6	#0	QAM16	22.56	-1.7	20.86	30.00	PASS
Band4	1.4	20175	1	#0	QPSK	24.32	-1.7	22.62	30.00	PASS
Band4	1.4	20175	1	#Mid	QPSK	24.38	-1.7	22.68	30.00	PASS
Band4	1.4	20175	1	#Max	QPSK	24.37	-1.7	22.67	30.00	PASS
Band4	1.4	20175	3	#0	QPSK	24.42	-1.7	22.72	30.00	PASS
Band4	1.4	20175	3	#Mid	QPSK	24.42	-1.7	22.72	30.00	PASS
Band4	1.4	20175	3	#Max	QPSK	24.43	-1.7	22.73	30.00	PASS
Band4	1.4	20175	6	#0	QPSK	23.40	-1.7	21.7	30.00	PASS
Band4	1.4	20175	1	#0	QAM16	23.66	-1.7	21.96	30.00	PASS
Band4	1.4	20175	1	#Mid	QAM16	23.79	-1.7	22.09	30.00	PASS
Band4	1.4	20175	1	#Max	QAM16	23.68	-1.7	21.98	30.00	PASS
Band4	1.4	20175	3	#0	QAM16	23.48	-1.7	21.78	30.00	PASS
Band4	1.4	20175	3	#Mid	QAM16	23.50	-1.7	21.8	30.00	PASS
Band4	1.4	20175	3	#Max	QAM16	23.48	-1.7	21.78	30.00	PASS
Band4	1.4	20175	6	#0	QAM16	22.52	-1.7	20.82	30.00	PASS
Band4	1.4	20393	1	#0	QPSK	24.39	-1.7	22.69	30.00	PASS
Band4	1.4	20393	1	#Mid	QPSK	24.41	-1.7	22.71	30.00	PASS
Band4	1.4	20393	1	#Max	QPSK	24.35	-1.7	22.65	30.00	PASS
Band4	1.4	20393	3	#0	QPSK	24.40	-1.7	22.7	30.00	PASS
Band4	1.4	20393	3	#Mid	QPSK	24.42	-1.7	22.72	30.00	PASS
Band4	1.4	20393	3	#Max	QPSK	24.40	-1.7	22.7	30.00	PASS
Band4	1.4	20393	6	#0	QPSK	23.44	-1.7	21.74	30.00	PASS
Band4	1.4	20393	1	#0	QAM16	23.69	-1.7	21.99	30.00	PASS
Band4	1.4	20393	1	#Mid	QAM16	23.75	-1.7	22.05	30.00	PASS

Band4	1.4	20393	1	#Max	QAM16	23.62	-1.7	21.92	30.00	PASS
Band4	1.4	20393	3	#0	QAM16	23.53	-1.7	21.83	30.00	PASS
Band4	1.4	20393	3	#Mid	QAM16	23.53	-1.7	21.83	30.00	PASS
Band4	1.4	20393	3	#Max	QAM16	23.51	-1.7	21.81	30.00	PASS
Band4	1.4	20393	6	#0	QAM16	22.47	-1.7	20.77	30.00	PASS
Band4	3	19965	1	#0	QPSK	24.39	-1.7	22.69	30.00	PASS
Band4	3	19965	1	#Mid	QPSK	24.43	-1.7	22.73	30.00	PASS
Band4	3	19965	1	#Max	QPSK	24.41	-1.7	22.71	30.00	PASS
Band4	3	19965	8	#0	QPSK	23.47	-1.7	21.77	30.00	PASS
Band4	3	19965	8	#Mid	QPSK	23.53	-1.7	21.83	30.00	PASS
Band4	3	19965	8	#Max	QPSK	23.52	-1.7	21.82	30.00	PASS
Band4	3	19965	15	#0	QPSK	23.48	-1.7	21.78	30.00	PASS
Band4	3	19965	1	#0	QAM16	23.78	-1.7	22.08	30.00	PASS
Band4	3	19965	1	#Mid	QAM16	23.81	-1.7	22.11	30.00	PASS
Band4	3	19965	1	#Max	QAM16	23.66	-1.7	21.96	30.00	PASS
Band4	3	19965	8	#0	QAM16	22.62	-1.7	20.92	30.00	PASS
Band4	3	19965	8	#Mid	QAM16	22.57	-1.7	20.87	30.00	PASS
Band4	3	19965	8	#Max	QAM16	22.58	-1.7	20.88	30.00	PASS
Band4	3	19965	15	#0	QAM16	22.55	-1.7	20.85	30.00	PASS
Band4	3	20175	1	#0	QPSK	24.31	-1.7	22.61	30.00	PASS
Band4	3	20175	1	#Mid	QPSK	24.44	-1.7	22.74	30.00	PASS
Band4	3	20175	1	#Max	QPSK	24.36	-1.7	22.66	30.00	PASS
Band4	3	20175	8	#0	QPSK	23.42	-1.7	21.72	30.00	PASS
Band4	3	20175	8	#Mid	QPSK	23.51	-1.7	21.81	30.00	PASS
Band4	3	20175	8	#Max	QPSK	23.48	-1.7	21.78	30.00	PASS
Band4	3	20175	15	#0	QPSK	23.46	-1.7	21.76	30.00	PASS
Band4	3	20175	1	#0	QAM16	23.60	-1.7	21.9	30.00	PASS
Band4	3	20175	1	#Mid	QAM16	23.72	-1.7	22.02	30.00	PASS
Band4	3	20175	1	#Max	QAM16	23.60	-1.7	21.9	30.00	PASS
Band4	3	20175	8	#0	QAM16	22.55	-1.7	20.85	30.00	PASS
Band4	3	20175	8	#Mid	QAM16	22.54	-1.7	20.84	30.00	PASS
Band4	3	20175	8	#Max	QAM16	22.51	-1.7	20.81	30.00	PASS
Band4	3	20175	15	#0	QAM16	22.47	-1.7	20.77	30.00	PASS
Band4	3	20385	1	#0	QPSK	24.34	-1.7	22.64	30.00	PASS
Band4	3	20385	1	#Mid	QPSK	24.44	-1.7	22.74	30.00	PASS
Band4	3	20385	1	#Max	QPSK	24.35	-1.7	22.65	30.00	PASS
Band4	3	20385	8	#0	QPSK	23.46	-1.7	21.76	30.00	PASS
Band4	3	20385	8	#Mid	QPSK	23.47	-1.7	21.77	30.00	PASS
Band4	3	20385	8	#Max	QPSK	23.45	-1.7	21.75	30.00	PASS
Band4	3	20385	15	#0	QPSK	23.45	-1.7	21.75	30.00	PASS
Band4	3	20385	1	#0	QAM16	23.67	-1.7	21.97	30.00	PASS
Band4	3	20385	1	#Mid	QAM16	23.69	-1.7	21.99	30.00	PASS
Band4	3	20385	1	#Max	QAM16	23.69	-1.7	21.99	30.00	PASS
Band4	3	20385	8	#0	QAM16	22.55	-1.7	20.85	30.00	PASS

Band4	3	20385	8	#Mid	QAM16	22.57	-1.7	20.87	30.00	PASS
Band4	3	20385	8	#Max	QAM16	22.51	-1.7	20.81	30.00	PASS
Band4	3	20385	15	#0	QAM16	22.52	-1.7	20.82	30.00	PASS
Band4	5	19975	1	#0	QPSK	24.45	-1.7	22.75	30.00	PASS
Band4	5	19975	1	#Mid	QPSK	24.53	-1.7	22.83	30.00	PASS
Band4	5	19975	1	#Max	QPSK	24.51	-1.7	22.81	30.00	PASS
Band4	5	19975	12	#0	QPSK	23.53	-1.7	21.83	30.00	PASS
Band4	5	19975	12	#Mid	QPSK	23.57	-1.7	21.87	30.00	PASS
Band4	5	19975	12	#Max	QPSK	23.52	-1.7	21.82	30.00	PASS
Band4	5	19975	25	#0	QPSK	23.51	-1.7	21.81	30.00	PASS
Band4	5	19975	1	#0	QAM16	23.87	-1.7	22.17	30.00	PASS
Band4	5	19975	1	#Mid	QAM16	23.92	-1.7	22.22	30.00	PASS
Band4	5	19975	1	#Max	QAM16	23.93	-1.7	22.23	30.00	PASS
Band4	5	19975	12	#0	QAM16	22.57	-1.7	20.87	30.00	PASS
Band4	5	19975	12	#Mid	QAM16	22.62	-1.7	20.92	30.00	PASS
Band4	5	19975	12	#Max	QAM16	22.60	-1.7	20.9	30.00	PASS
Band4	5	19975	25	#0	QAM16	22.51	-1.7	20.81	30.00	PASS
Band4	5	20175	1	#0	QPSK	24.43	-1.7	22.73	30.00	PASS
Band4	5	20175	1	#Mid	QPSK	24.41	-1.7	22.71	30.00	PASS
Band4	5	20175	1	#Max	QPSK	24.39	-1.7	22.69	30.00	PASS
Band4	5	20175	12	#0	QPSK	23.49	-1.7	21.79	30.00	PASS
Band4	5	20175	12	#Mid	QPSK	23.52	-1.7	21.82	30.00	PASS
Band4	5	20175	12	#Max	QPSK	23.47	-1.7	21.77	30.00	PASS
Band4	5	20175	25	#0	QPSK	23.49	-1.7	21.79	30.00	PASS
Band4	5	20175	1	#0	QAM16	23.89	-1.7	22.19	30.00	PASS
Band4	5	20175	1	#Mid	QAM16	23.96	-1.7	22.26	30.00	PASS
Band4	5	20175	1	#Max	QAM16	23.87	-1.7	22.17	30.00	PASS
Band4	5	20175	12	#0	QAM16	22.58	-1.7	20.88	30.00	PASS
Band4	5	20175	12	#Mid	QAM16	22.55	-1.7	20.85	30.00	PASS
Band4	5	20175	12	#Max	QAM16	22.50	-1.7	20.8	30.00	PASS
Band4	5	20175	25	#0	QAM16	22.36	-1.7	20.66	30.00	PASS
Band4	5	20375	1	#0	QPSK	24.41	-1.7	22.71	30.00	PASS
Band4	5	20375	1	#Mid	QPSK	24.53	-1.7	22.83	30.00	PASS
Band4	5	20375	1	#Max	QPSK	24.45	-1.7	22.75	30.00	PASS
Band4	5	20375	12	#0	QPSK	23.52	-1.7	21.82	30.00	PASS
Band4	5	20375	12	#Mid	QPSK	23.50	-1.7	21.8	30.00	PASS
Band4	5	20375	12	#Max	QPSK	23.48	-1.7	21.78	30.00	PASS
Band4	5	20375	25	#0	QPSK	23.47	-1.7	21.77	30.00	PASS
Band4	5	20375	1	#0	QAM16	23.78	-1.7	22.08	30.00	PASS
Band4	5	20375	1	#Mid	QAM16	24.00	-1.7	22.3	30.00	PASS
Band4	5	20375	1	#Max	QAM16	23.83	-1.7	22.13	30.00	PASS
Band4	5	20375	12	#0	QAM16	22.54	-1.7	20.84	30.00	PASS
Band4	5	20375	12	#Mid	QAM16	22.55	-1.7	20.85	30.00	PASS
Band4	5	20375	12	#Max	QAM16	22.52	-1.7	20.82	30.00	PASS

Band4	5	20375	25	#0	QAM16	22.50	-1.7	20.8	30.00	PASS
Band4	10	20000	1	#0	QPSK	24.51	-1.7	22.81	30.00	PASS
Band4	10	20000	1	#Mid	QPSK	24.52	-1.7	22.82	30.00	PASS
Band4	10	20000	1	#Max	QPSK	24.54	-1.7	22.84	30.00	PASS
Band4	10	20000	25	#0	QPSK	23.56	-1.7	21.86	30.00	PASS
Band4	10	20000	25	#Mid	QPSK	23.55	-1.7	21.85	30.00	PASS
Band4	10	20000	25	#Max	QPSK	23.56	-1.7	21.86	30.00	PASS
Band4	10	20000	50	#0	QPSK	23.59	-1.7	21.89	30.00	PASS
Band4	10	20000	1	#0	QAM16	23.81	-1.7	22.11	30.00	PASS
Band4	10	20000	1	#Mid	QAM16	23.79	-1.7	22.09	30.00	PASS
Band4	10	20000	1	#Max	QAM16	23.69	-1.7	21.99	30.00	PASS
Band4	10	20000	25	#0	QAM16	22.54	-1.7	20.84	30.00	PASS
Band4	10	20000	25	#Mid	QAM16	22.58	-1.7	20.88	30.00	PASS
Band4	10	20000	25	#Max	QAM16	22.58	-1.7	20.88	30.00	PASS
Band4	10	20175	1	#0	QPSK	24.37	-1.7	22.67	30.00	PASS
Band4	10	20175	1	#Mid	QPSK	24.40	-1.7	22.7	30.00	PASS
Band4	10	20175	1	#Max	QPSK	24.34	-1.7	22.64	30.00	PASS
Band4	10	20175	25	#0	QPSK	23.49	-1.7	21.79	30.00	PASS
Band4	10	20175	25	#Mid	QPSK	23.51	-1.7	21.81	30.00	PASS
Band4	10	20175	25	#Max	QPSK	23.49	-1.7	21.79	30.00	PASS
Band4	10	20175	50	#0	QPSK	23.48	-1.7	21.78	30.00	PASS
Band4	10	20175	1	#0	QAM16	23.70	-1.7	22	30.00	PASS
Band4	10	20175	1	#Mid	QAM16	23.87	-1.7	22.17	30.00	PASS
Band4	10	20175	1	#Max	QAM16	23.76	-1.7	22.06	30.00	PASS
Band4	10	20175	25	#0	QAM16	22.49	-1.7	20.79	30.00	PASS
Band4	10	20175	25	#Mid	QAM16	22.55	-1.7	20.85	30.00	PASS
Band4	10	20175	25	#Max	QAM16	22.52	-1.7	20.82	30.00	PASS
Band4	10	20350	1	#0	QPSK	24.41	-1.7	22.71	30.00	PASS
Band4	10	20350	1	#Mid	QPSK	24.49	-1.7	22.79	30.00	PASS
Band4	10	20350	1	#Max	QPSK	24.40	-1.7	22.7	30.00	PASS
Band4	10	20350	25	#0	QPSK	23.48	-1.7	21.78	30.00	PASS
Band4	10	20350	25	#Mid	QPSK	23.54	-1.7	21.84	30.00	PASS
Band4	10	20350	25	#Max	QPSK	23.52	-1.7	21.82	30.00	PASS
Band4	10	20350	50	#0	QPSK	23.44	-1.7	21.74	30.00	PASS
Band4	10	20350	1	#0	QAM16	23.76	-1.7	22.06	30.00	PASS
Band4	10	20350	1	#Mid	QAM16	23.75	-1.7	22.05	30.00	PASS
Band4	10	20350	1	#Max	QAM16	23.69	-1.7	21.99	30.00	PASS
Band4	10	20350	25	#0	QAM16	22.40	-1.7	20.7	30.00	PASS
Band4	10	20350	25	#Mid	QAM16	22.52	-1.7	20.82	30.00	PASS
Band4	10	20350	25	#Max	QAM16	22.50	-1.7	20.8	30.00	PASS
Band4	15	20025	1	#0	QPSK	24.39	-1.7	22.69	30.00	PASS
Band4	15	20025	1	#Mid	QPSK	24.33	-1.7	22.63	30.00	PASS
Band4	15	20025	1	#Max	QPSK	24.35	-1.7	22.65	30.00	PASS
Band4	15	20025	36	#0	QPSK	23.45	-1.7	21.75	30.00	PASS

Band4	15	20025	36	#Mid	QPSK	23.41	-1.7	21.71	30.00	PASS
Band4	15	20025	36	#Max	QPSK	23.31	-1.7	21.61	30.00	PASS
Band4	15	20025	75	#0	QPSK	23.36	-1.7	21.66	30.00	PASS
Band4	15	20025	1	#0	QAM16	23.68	-1.7	21.98	30.00	PASS
Band4	15	20025	1	#Mid	QAM16	23.70	-1.7	22	30.00	PASS
Band4	15	20025	1	#Max	QAM16	23.64	-1.7	21.94	30.00	PASS
Band4	15	20025	36	#0	QAM16	22.43	-1.7	20.73	30.00	PASS
Band4	15	20025	36	#Mid	QAM16	22.45	-1.7	20.75	30.00	PASS
Band4	15	20025	36	#Max	QAM16	22.37	-1.7	20.67	30.00	PASS
Band4	15	20175	1	#0	QPSK	24.25	-1.7	22.55	30.00	PASS
Band4	15	20175	1	#Mid	QPSK	24.18	-1.7	22.48	30.00	PASS
Band4	15	20175	1	#Max	QPSK	24.20	-1.7	22.5	30.00	PASS
Band4	15	20175	36	#0	QPSK	23.39	-1.7	21.69	30.00	PASS
Band4	15	20175	36	#Mid	QPSK	23.35	-1.7	21.65	30.00	PASS
Band4	15	20175	36	#Max	QPSK	23.33	-1.7	21.63	30.00	PASS
Band4	15	20175	75	#0	QPSK	23.37	-1.7	21.67	30.00	PASS
Band4	15	20175	1	#0	QAM16	23.59	-1.7	21.89	30.00	PASS
Band4	15	20175	1	#Mid	QAM16	23.59	-1.7	21.89	30.00	PASS
Band4	15	20175	1	#Max	QAM16	23.59	-1.7	21.89	30.00	PASS
Band4	15	20175	36	#0	QAM16	22.38	-1.7	20.68	30.00	PASS
Band4	15	20175	36	#Mid	QAM16	22.39	-1.7	20.69	30.00	PASS
Band4	15	20175	36	#Max	QAM16	22.34	-1.7	20.64	30.00	PASS
Band4	15	20325	1	#0	QPSK	24.32	-1.7	22.62	30.00	PASS
Band4	15	20325	1	#Mid	QPSK	24.25	-1.7	22.55	30.00	PASS
Band4	15	20325	1	#Max	QPSK	24.26	-1.7	22.56	30.00	PASS
Band4	15	20325	36	#0	QPSK	23.34	-1.7	21.64	30.00	PASS
Band4	15	20325	36	#Mid	QPSK	23.31	-1.7	21.61	30.00	PASS
Band4	15	20325	36	#Max	QPSK	23.39	-1.7	21.69	30.00	PASS
Band4	15	20325	75	#0	QPSK	23.34	-1.7	21.64	30.00	PASS
Band4	15	20325	1	#0	QAM16	23.59	-1.7	21.89	30.00	PASS
Band4	15	20325	1	#Mid	QAM16	23.68	-1.7	21.98	30.00	PASS
Band4	15	20325	1	#Max	QAM16	-15.91	-1.7	-17.61	30.00	PASS
Band4	15	20325	36	#0	QAM16	22.36	-1.7	20.66	30.00	PASS
Band4	15	20325	36	#Mid	QAM16	22.33	-1.7	20.63	30.00	PASS
Band4	15	20325	36	#Max	QAM16	22.41	-1.7	20.71	30.00	PASS
Band4	20	20050	1	#0	QPSK	24.29	-1.7	22.59	30.00	PASS
Band4	20	20050	1	#Mid	QPSK	24.24	-1.7	22.54	30.00	PASS
Band4	20	20050	1	#Max	QPSK	24.24	-1.7	22.54	30.00	PASS
Band4	20	20050	50	#0	QPSK	23.42	-1.7	21.72	30.00	PASS
Band4	20	20050	50	#Mid	QPSK	23.32	-1.7	21.62	30.00	PASS
Band4	20	20050	50	#Max	QPSK	23.32	-1.7	21.62	30.00	PASS
Band4	20	20050	100	#0	QPSK	23.29	-1.7	21.59	30.00	PASS
Band4	20	20050	1	#0	QAM16	23.80	-1.7	22.1	30.00	PASS
Band4	20	20050	1	#Mid	QAM16	23.72	-1.7	22.02	30.00	PASS

Band4	20	20050	1	#Max	QAM16	23.66	-1.7	21.96	30.00	PASS
Band4	20	20050	50	#0	QAM16	22.42	-1.7	20.72	30.00	PASS
Band4	20	20050	50	#Mid	QAM16	22.36	-1.7	20.66	30.00	PASS
Band4	20	20050	50	#Max	QAM16	22.33	-1.7	20.63	30.00	PASS
Band4	20	20175	1	#0	QPSK	24.40	-1.7	22.7	30.00	PASS
Band4	20	20175	1	#Mid	QPSK	24.30	-1.7	22.6	30.00	PASS
Band4	20	20175	1	#Max	QPSK	24.31	-1.7	22.61	30.00	PASS
Band4	20	20175	50	#0	QPSK	23.36	-1.7	21.66	30.00	PASS
Band4	20	20175	50	#Mid	QPSK	23.37	-1.7	21.67	30.00	PASS
Band4	20	20175	50	#Max	QPSK	23.31	-1.7	21.61	30.00	PASS
Band4	20	20175	100	#0	QPSK	23.35	-1.7	21.65	30.00	PASS
Band4	20	20175	1	#0	QAM16	23.73	-1.7	22.03	30.00	PASS
Band4	20	20175	1	#Mid	QAM16	23.67	-1.7	21.97	30.00	PASS
Band4	20	20175	1	#Max	QAM16	23.57	-1.7	21.87	30.00	PASS
Band4	20	20175	50	#0	QAM16	22.40	-1.7	20.7	30.00	PASS
Band4	20	20175	50	#Mid	QAM16	22.40	-1.7	20.7	30.00	PASS
Band4	20	20175	50	#Max	QAM16	22.35	-1.7	20.65	30.00	PASS
Band4	20	20300	1	#0	QPSK	24.35	-1.7	22.65	30.00	PASS
Band4	20	20300	1	#Mid	QPSK	24.35	-1.7	22.65	30.00	PASS
Band4	20	20300	1	#Max	QPSK	24.30	-1.7	22.6	30.00	PASS
Band4	20	20300	50	#0	QPSK	23.36	-1.7	21.66	30.00	PASS
Band4	20	20300	50	#Mid	QPSK	23.42	-1.7	21.72	30.00	PASS
Band4	20	20300	50	#Max	QPSK	23.35	-1.7	21.65	30.00	PASS
Band4	20	20300	100	#0	QPSK	23.40	-1.7	21.7	30.00	PASS
Band4	20	20300	1	#0	QAM16	23.75	-1.7	22.05	30.00	PASS
Band4	20	20300	1	#Mid	QAM16	23.55	-1.7	21.85	30.00	PASS
Band4	20	20300	1	#Max	QAM16	23.61	-1.7	21.91	30.00	PASS
Band4	20	20300	50	#0	QAM16	23.55	-1.7	21.85	30.00	PASS
Band4	20	20300	50	#Mid	QAM16	22.91	-1.7	21.21	30.00	PASS
Band4	20	20300	50	#Max	QAM16	22.99	-1.7	21.29	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	-4.22	-0.002	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	-3.44	-0.002	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	-3.29	-0.002	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	2.16	0.001	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	-2.63	-0.002	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	1.77	0.001	-2.5	2.5	PASS

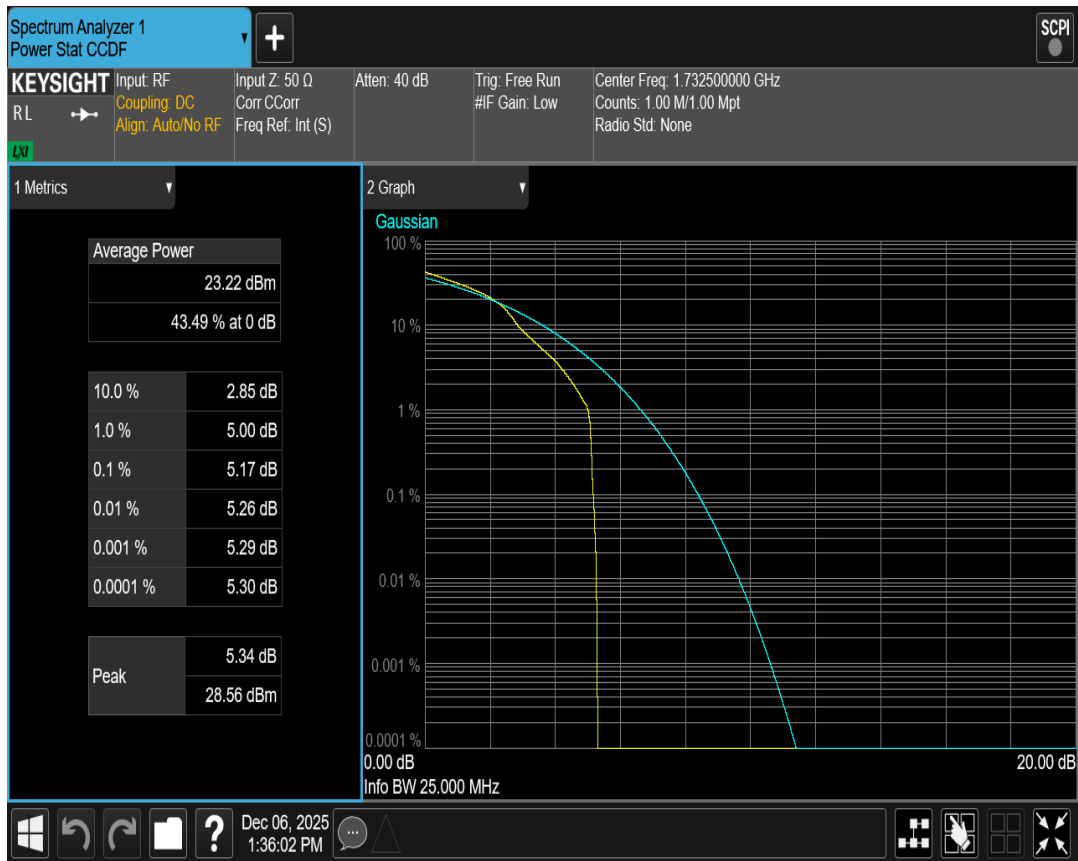
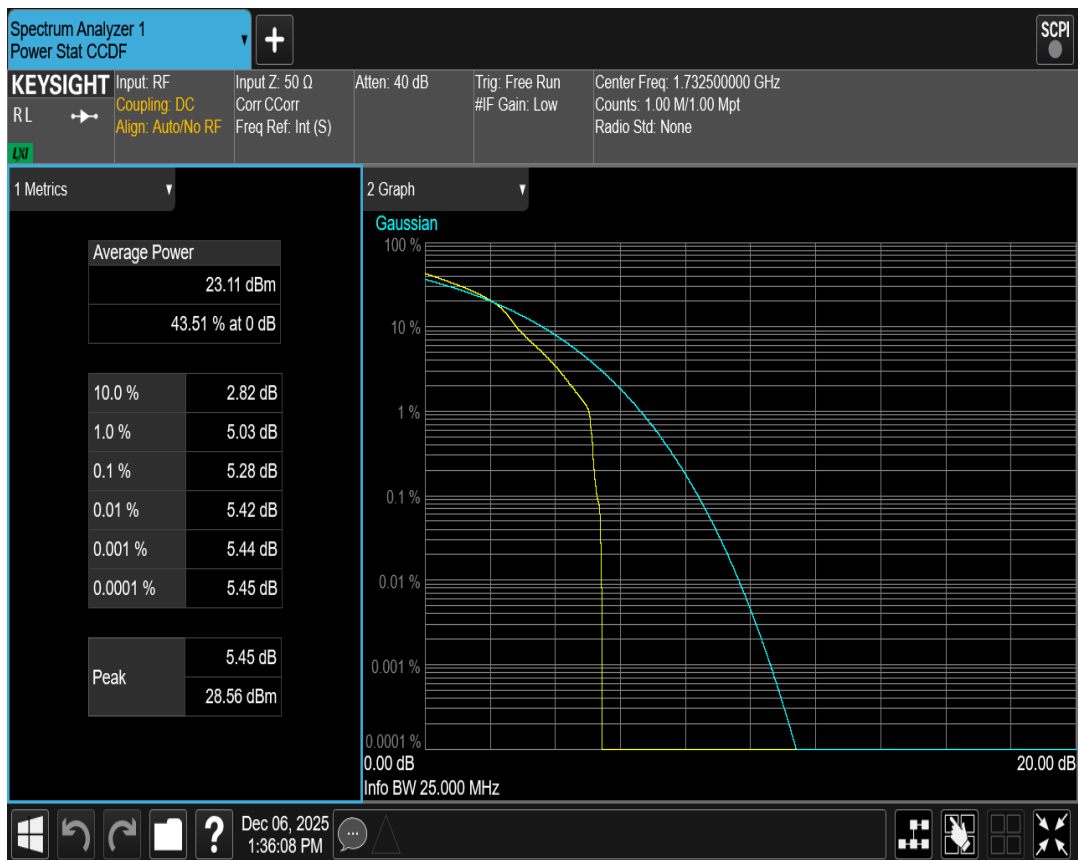
3 Peak-to-Average Ratio

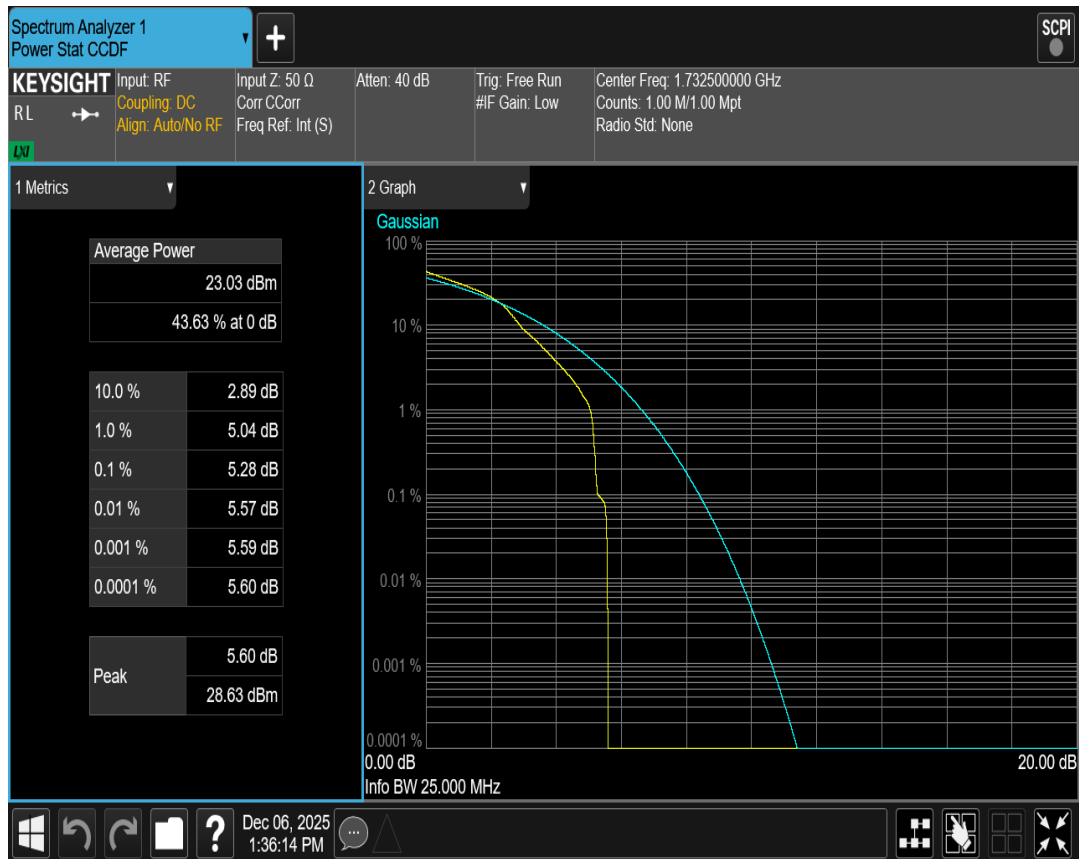
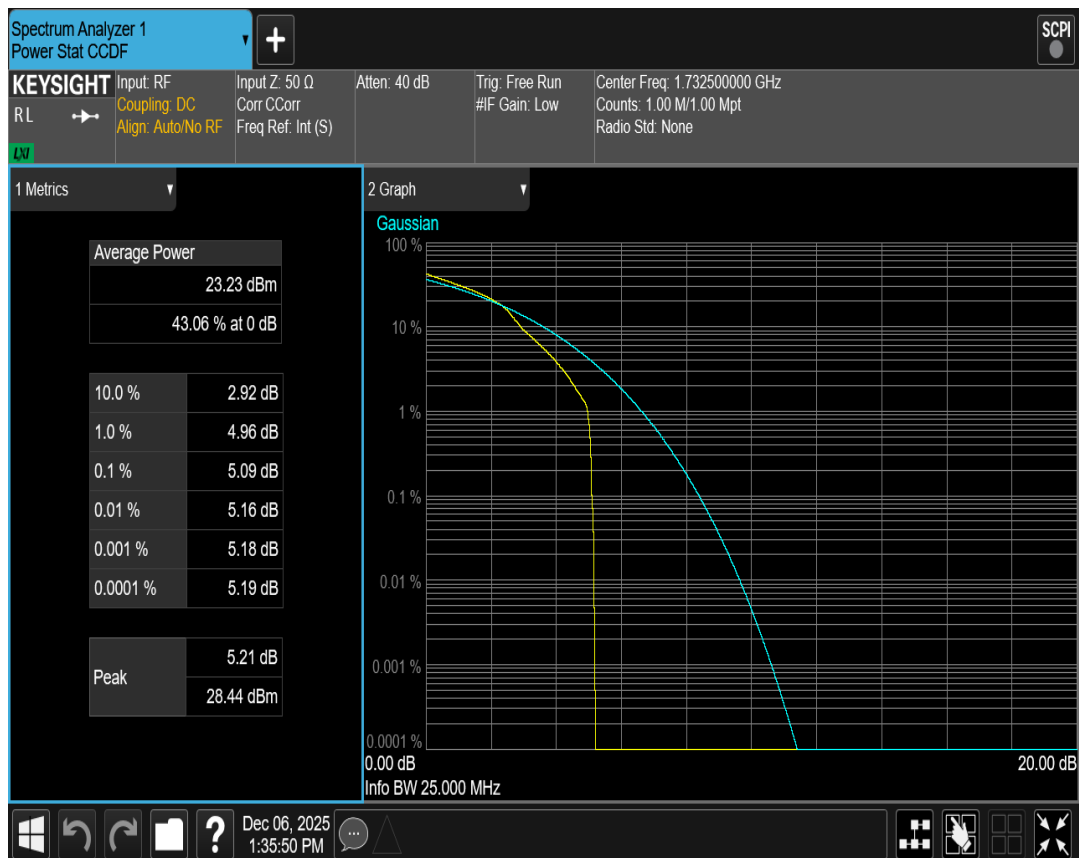
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QPSK	4.19	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.08	13	PASS
Band4	3	20175	1	#0	QPSK	4.18	13	PASS
Band4	3	20175	1	#0	QAM16	5.09	13	PASS
Band4	5	20175	1	#0	QPSK	4.23	13	PASS
Band4	5	20175	1	#0	QAM16	5.11	13	PASS
Band4	10	20175	1	#0	QPSK	4.23	13	PASS
Band4	10	20175	1	#0	QAM16	5.17	13	PASS
Band4	15	20175	1	#0	QPSK	4.48	13	PASS
Band4	15	20175	1	#0	QAM16	5.28	13	PASS
Band4	20	20175	1	#0	QPSK	4.30	13	PASS
Band4	20	20175	1	#0	QAM16	5.28	13	PASS

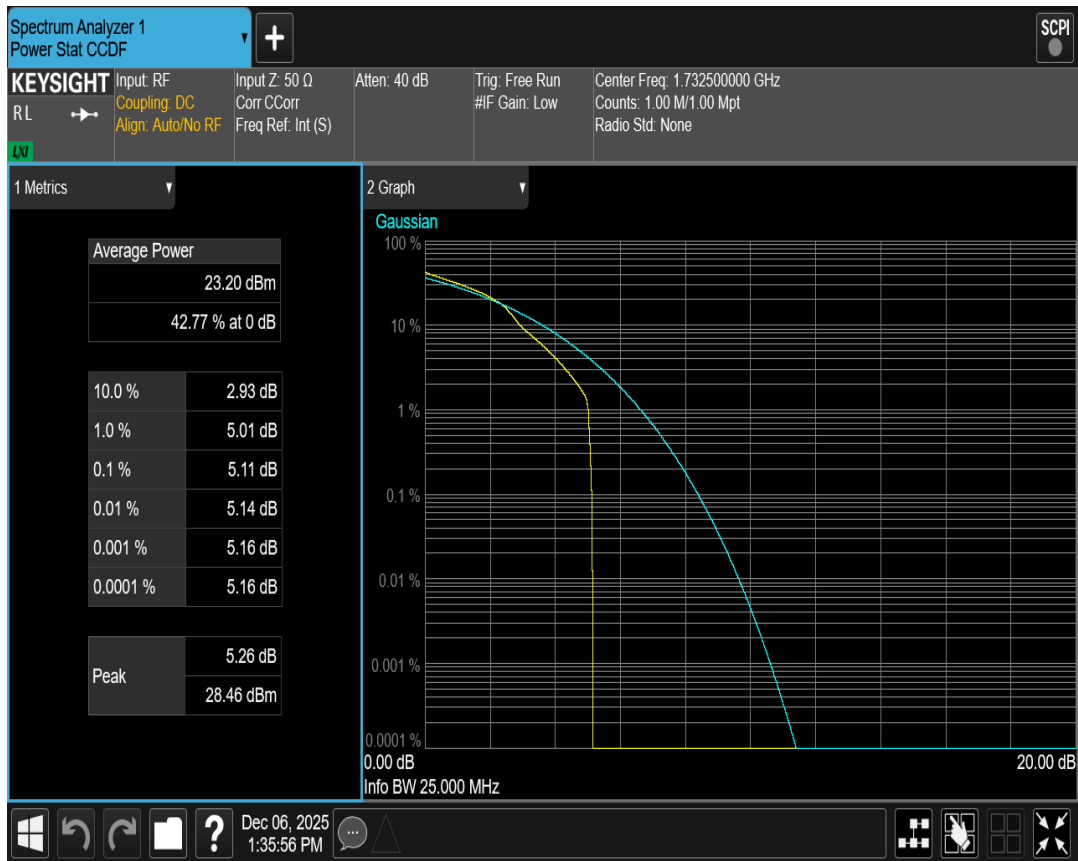
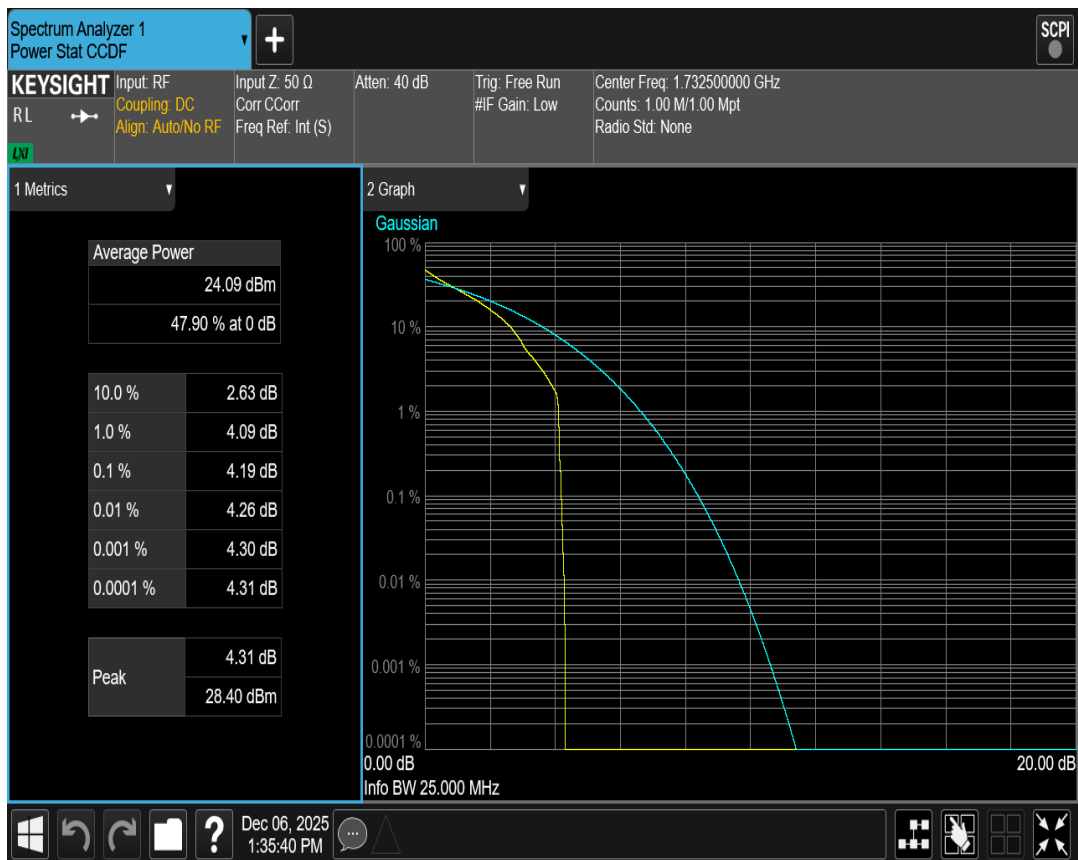
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0

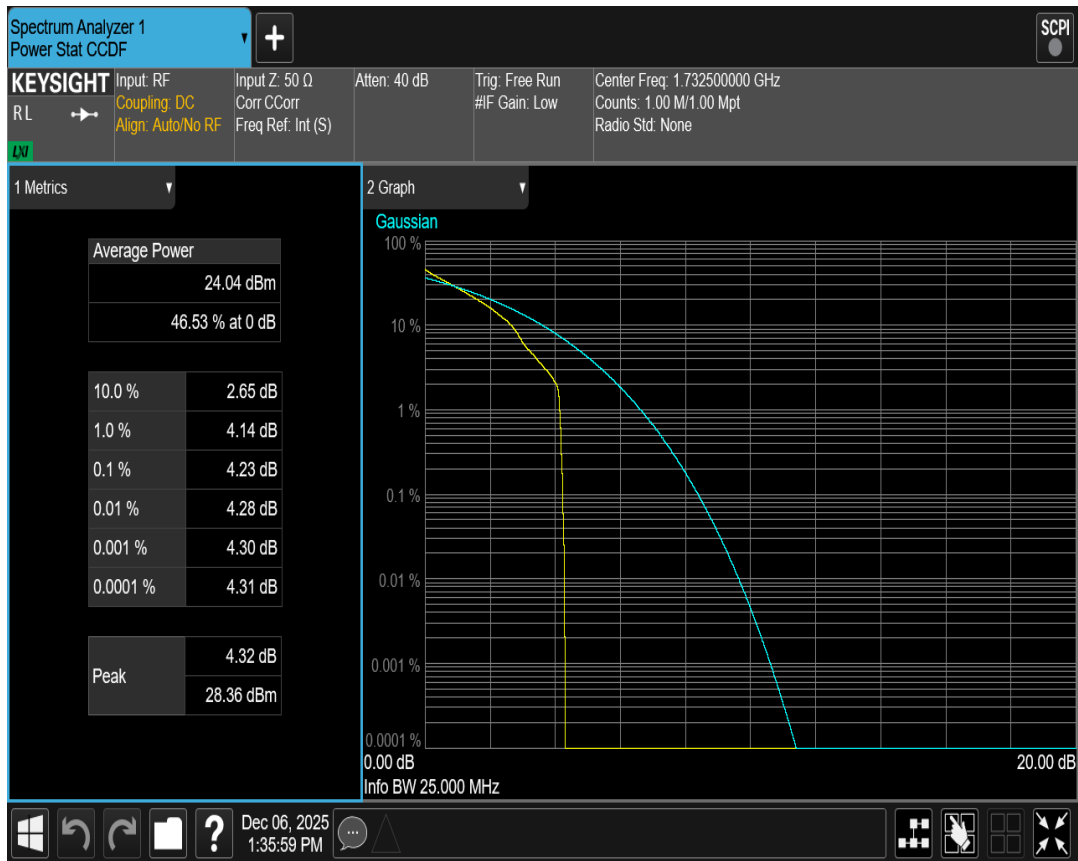
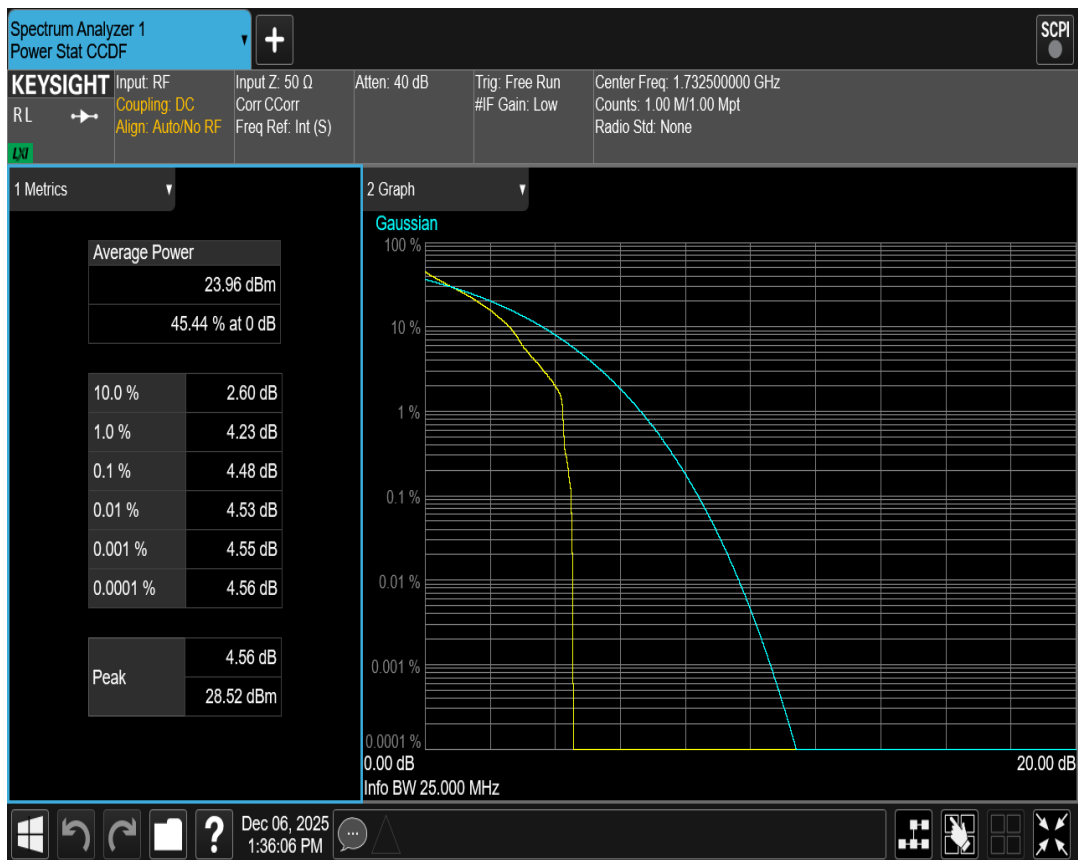


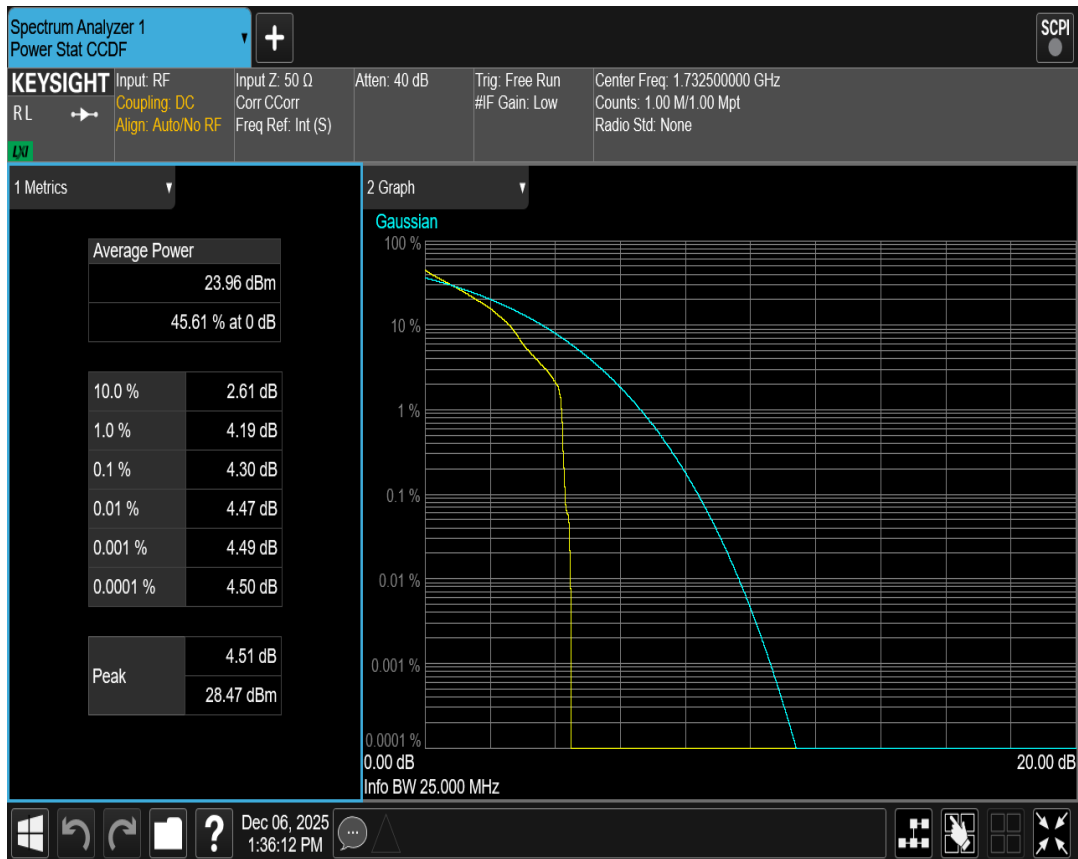
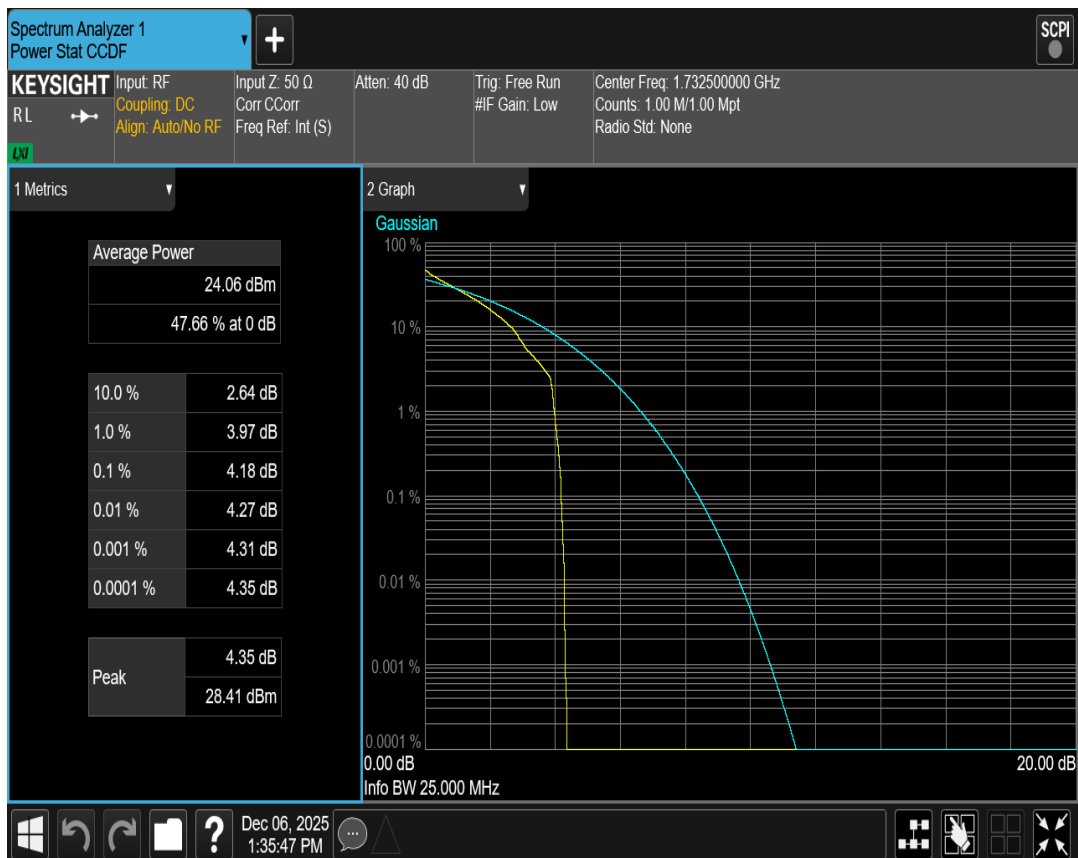
Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0

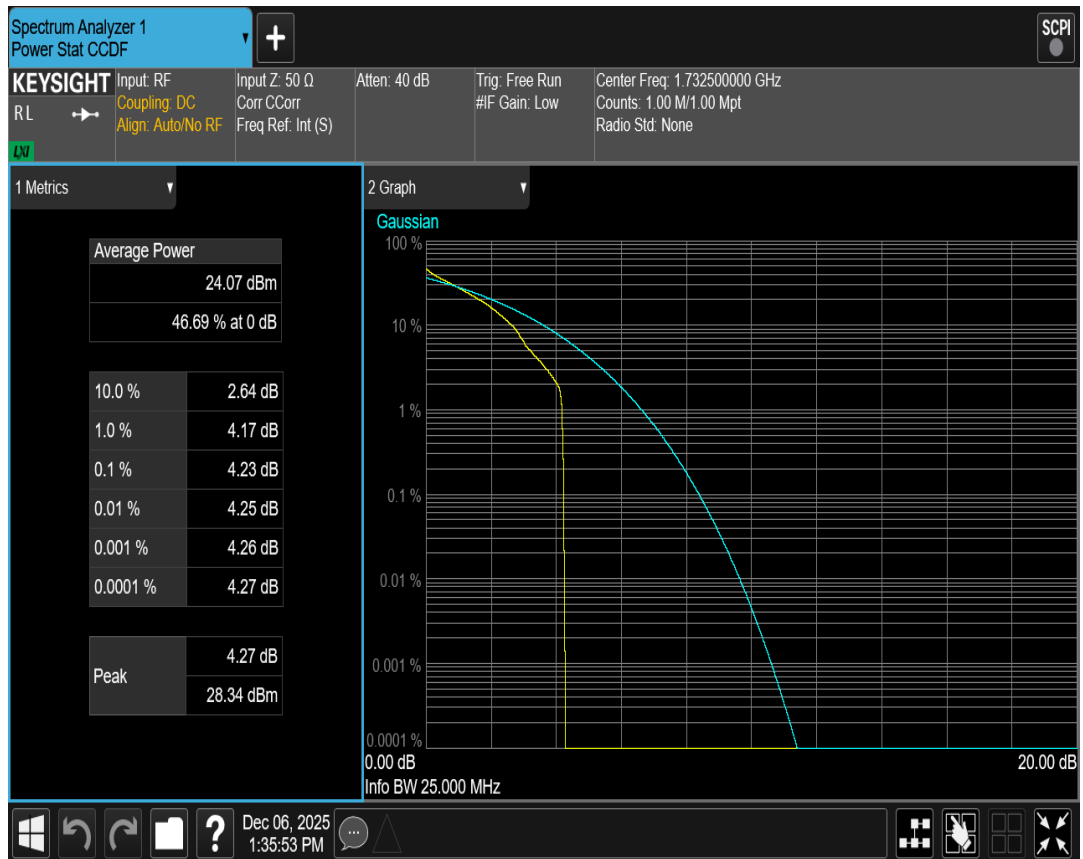
**Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0****Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0**

**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**

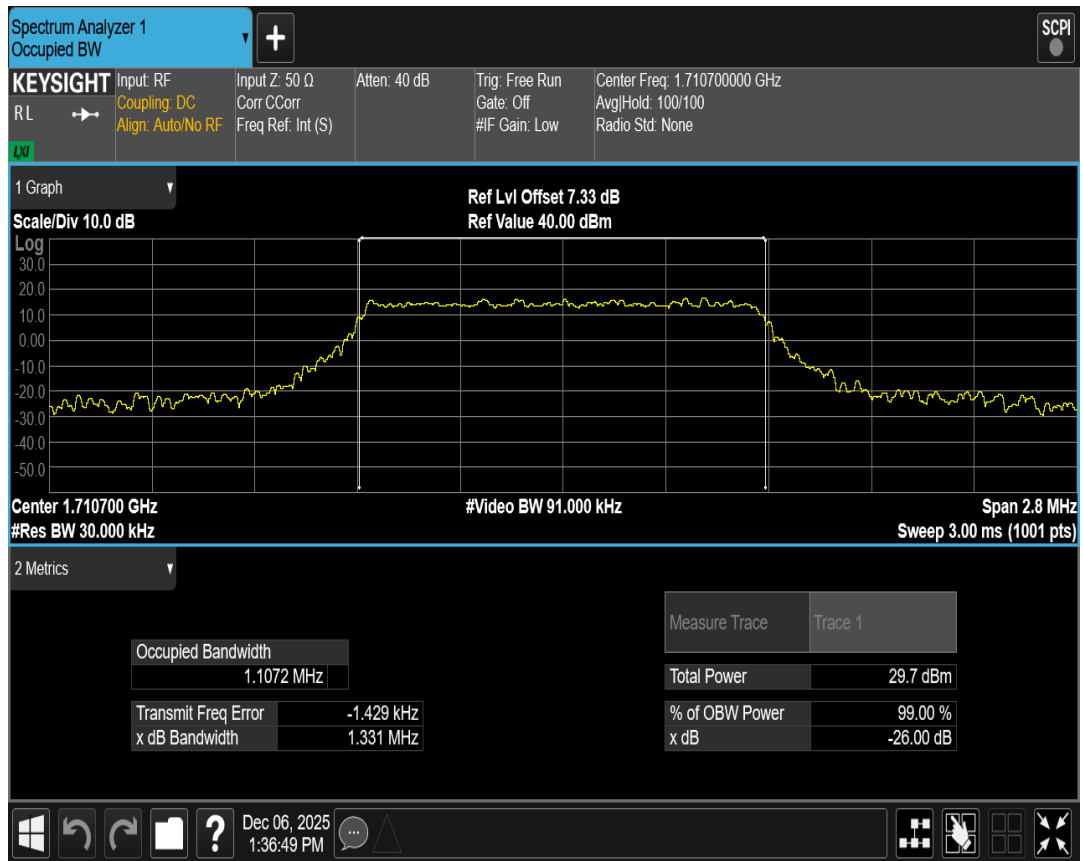
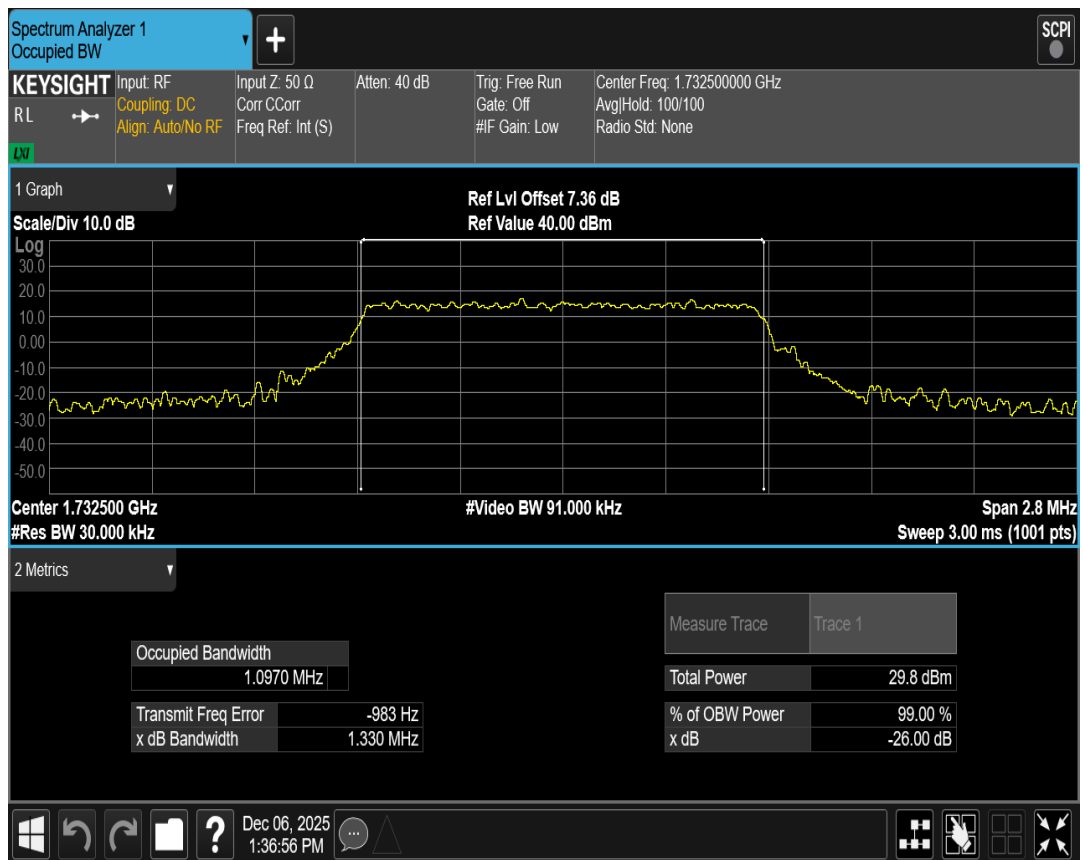
**Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0****Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0**

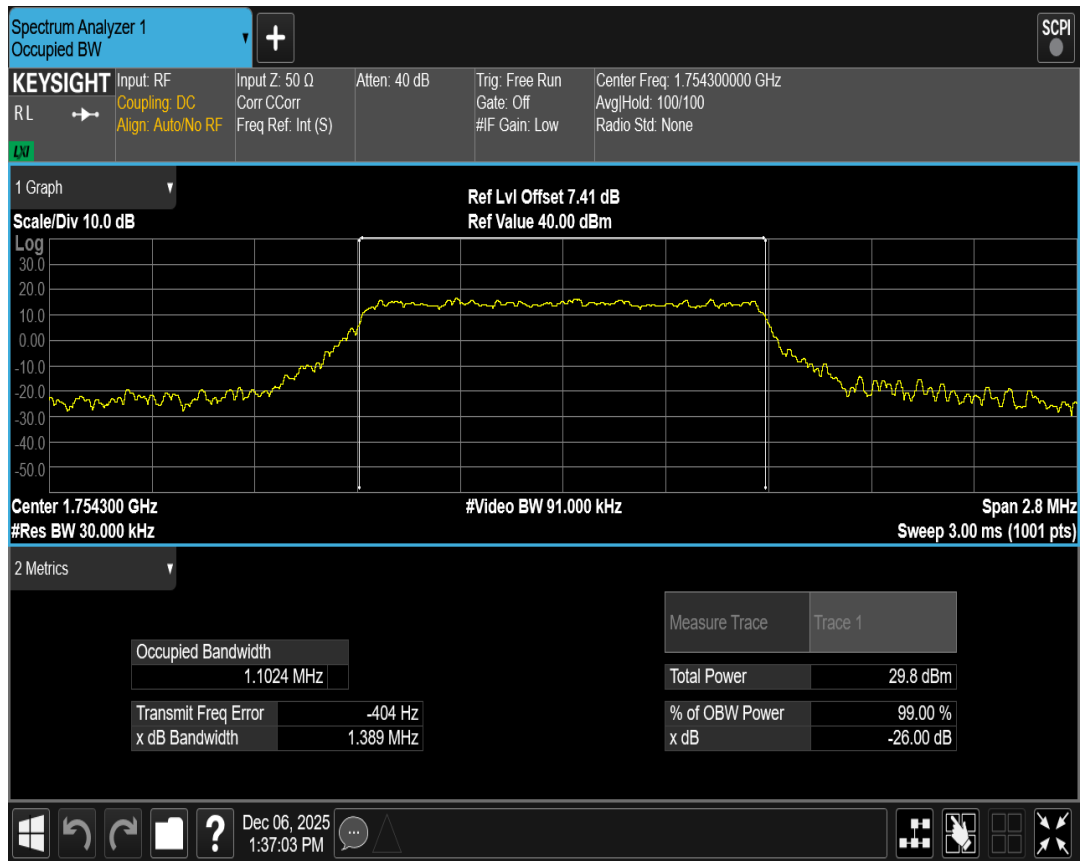


4 Occupied bandwidth

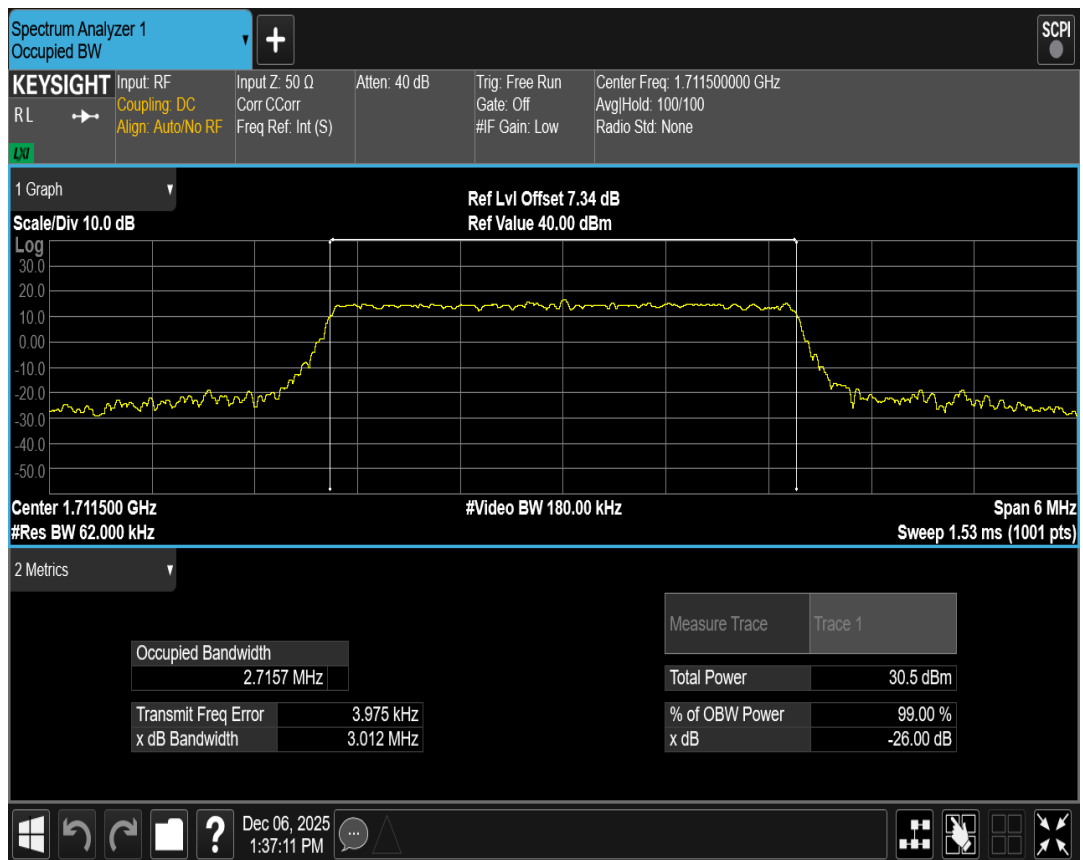
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.101	1.362	PASS
Band4	1.4	19957	6	#0	QAM16	1.107	1.331	PASS
Band4	1.4	20175	6	#0	QPSK	1.100	1.353	PASS
Band4	1.4	20175	6	#0	QAM16	1.097	1.330	PASS
Band4	1.4	20393	6	#0	QPSK	1.106	1.326	PASS
Band4	1.4	20393	6	#0	QAM16	1.102	1.389	PASS
Band4	3	19965	15	#0	QPSK	2.698	2.942	PASS
Band4	3	19965	15	#0	QAM16	2.716	3.012	PASS
Band4	3	20175	15	#0	QPSK	2.706	3.019	PASS
Band4	3	20175	15	#0	QAM16	2.702	3.020	PASS
Band4	3	20385	15	#0	QPSK	2.691	3.014	PASS
Band4	3	20385	15	#0	QAM16	2.707	3.073	PASS
Band4	5	19975	25	#0	QPSK	4.520	5.077	PASS
Band4	5	19975	25	#0	QAM16	4.511	5.043	PASS
Band4	5	20175	25	#0	QPSK	4.506	5.063	PASS
Band4	5	20175	25	#0	QAM16	4.528	5.101	PASS
Band4	5	20375	25	#0	QPSK	4.543	5.093	PASS
Band4	5	20375	25	#0	QAM16	4.520	5.143	PASS
Band4	10	20000	50	#0	QPSK	9.002	9.887	PASS
Band4	10	20175	50	#0	QPSK	8.999	10.073	PASS
Band4	10	20350	50	#0	QPSK	9.001	9.931	PASS
Band4	15	20025	75	#0	QPSK	13.485	14.668	PASS
Band4	15	20175	75	#0	QPSK	13.450	14.816	PASS
Band4	15	20325	75	#0	QPSK	13.465	14.843	PASS
Band4	20	20050	100	#0	QPSK	18.030	19.653	PASS
Band4	20	20175	100	#0	QPSK	18.002	19.563	PASS
Band4	20	20300	100	#0	QPSK	17.960	19.601	PASS

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

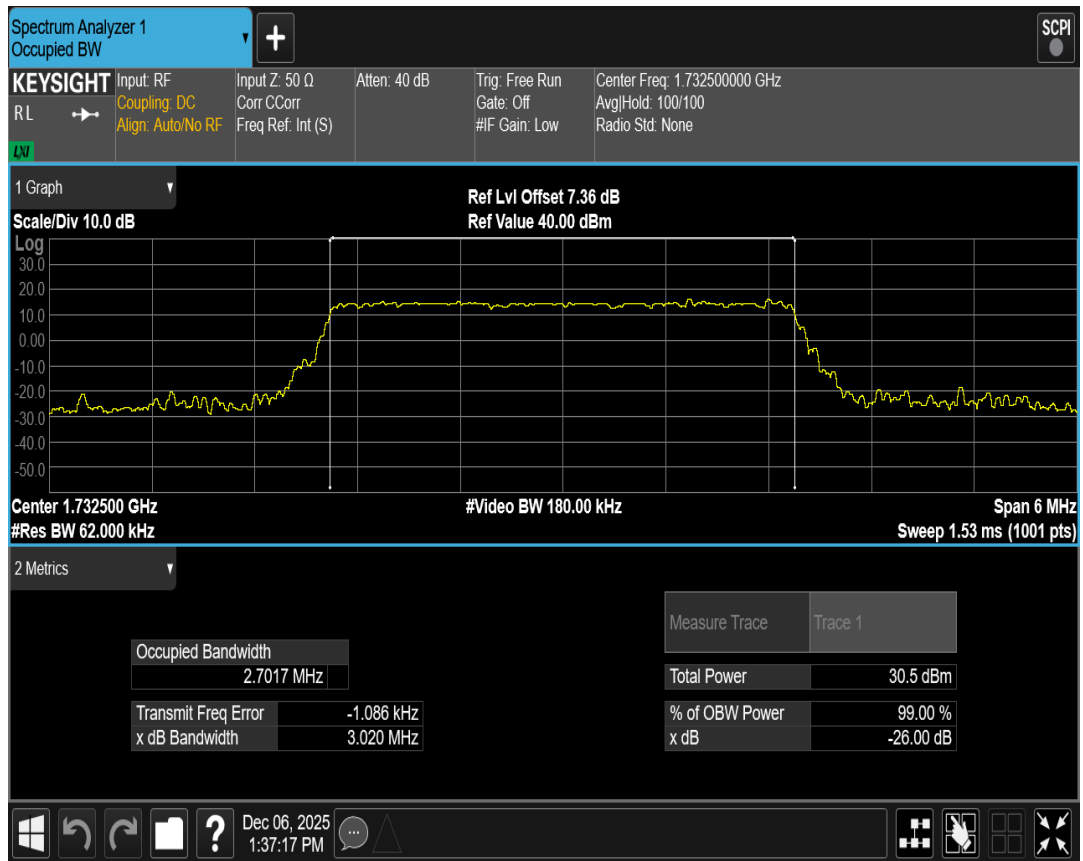
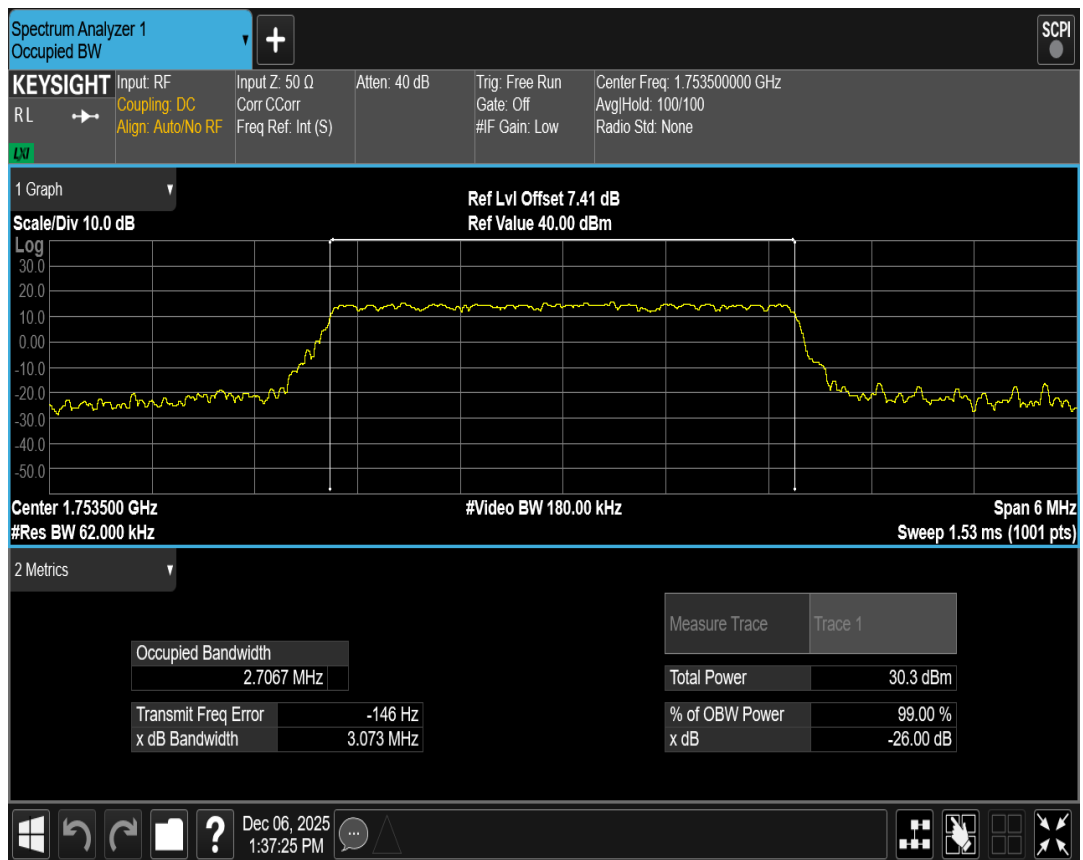
**Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0****Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0**

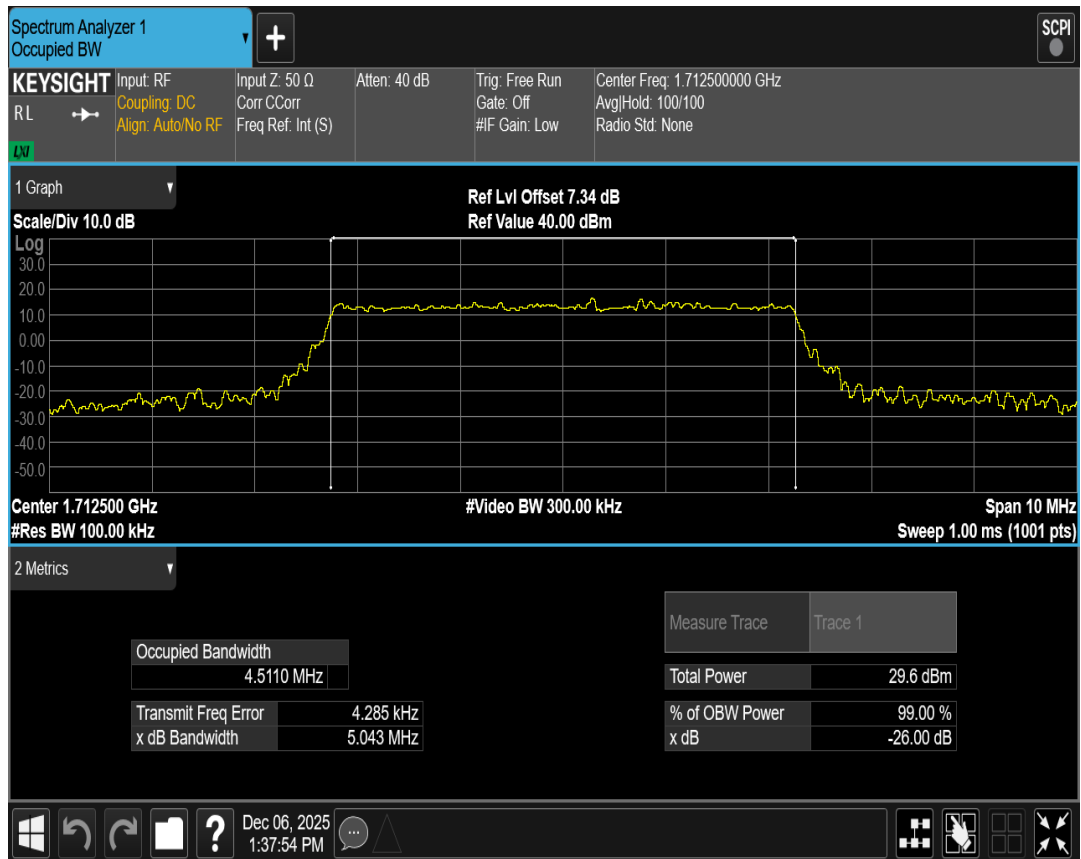
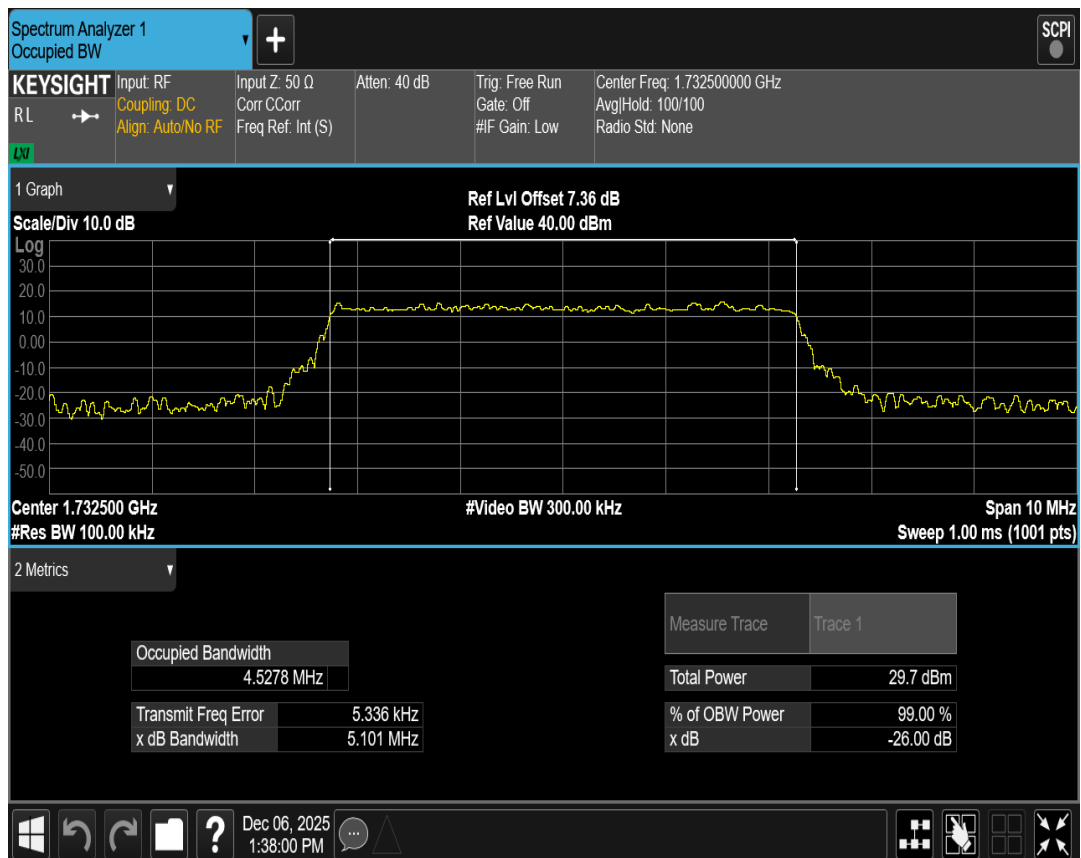


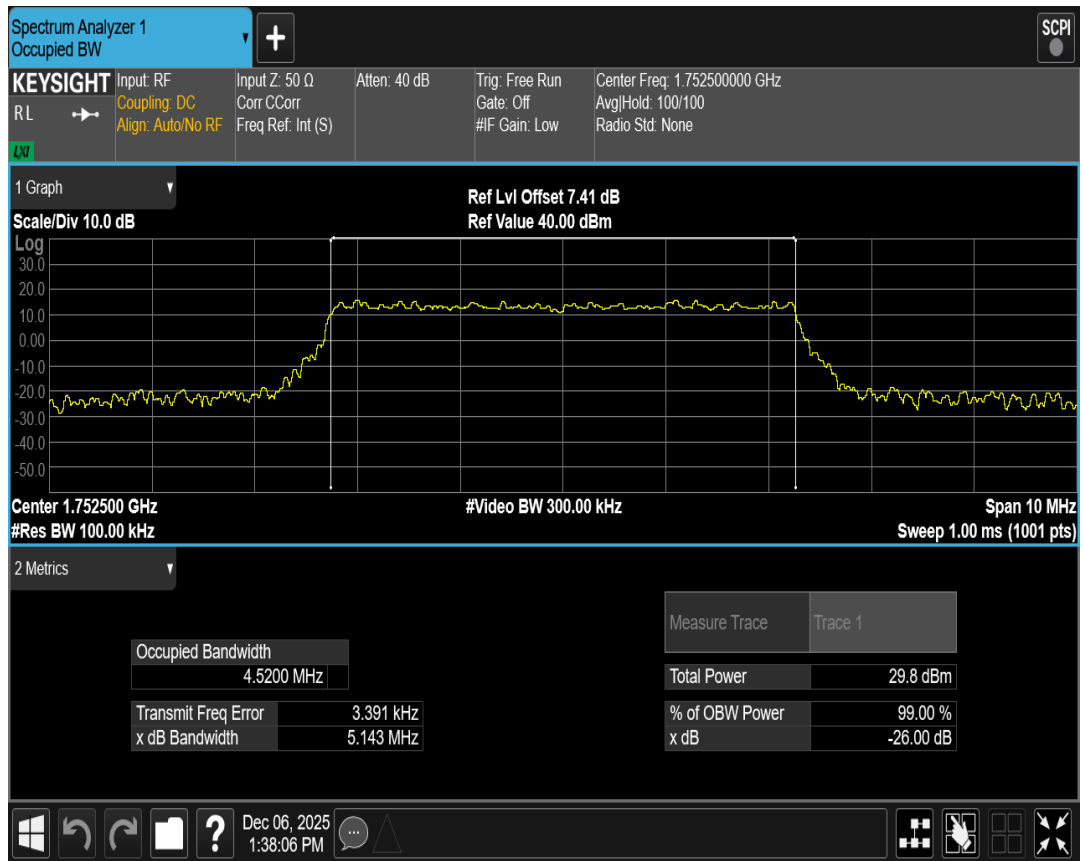
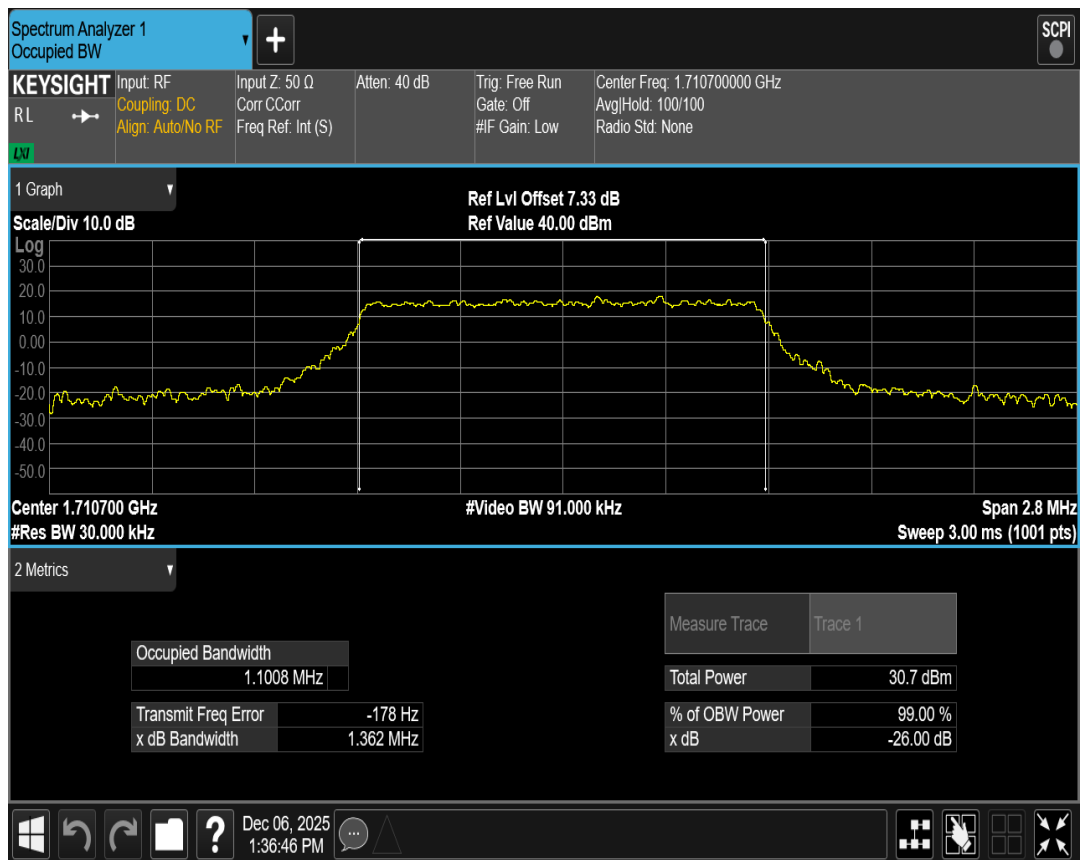
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0

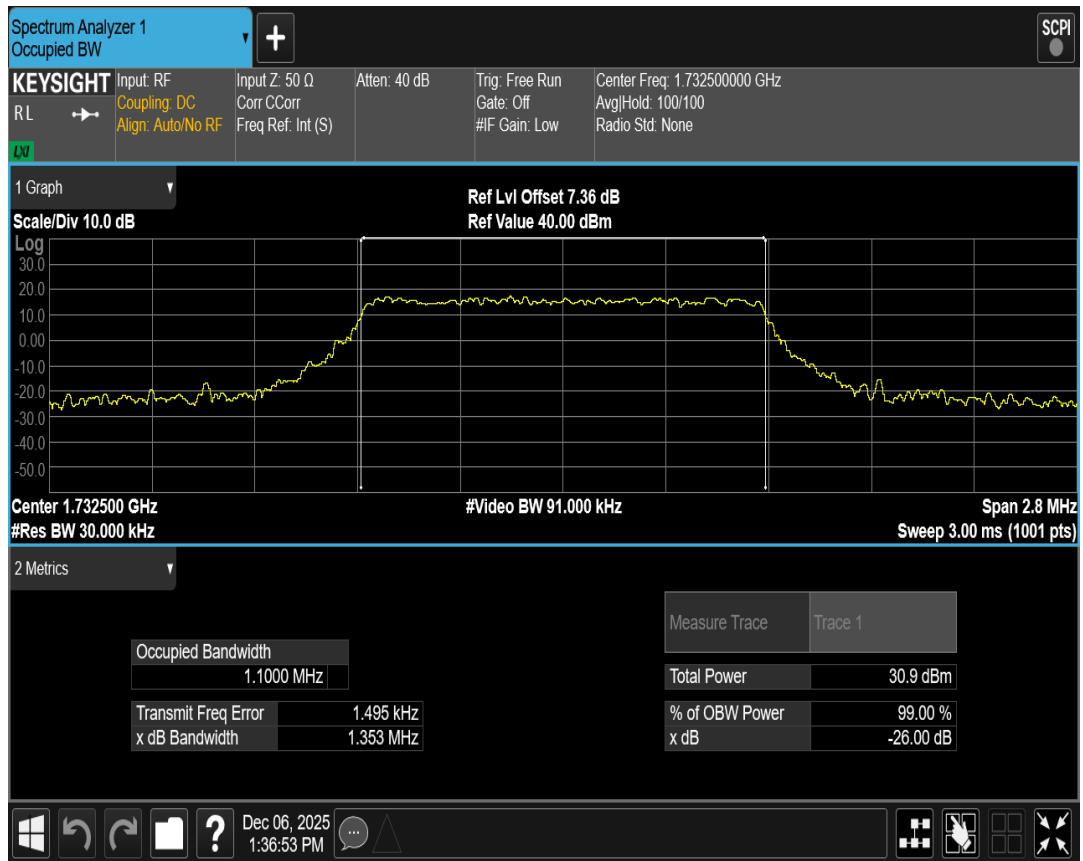
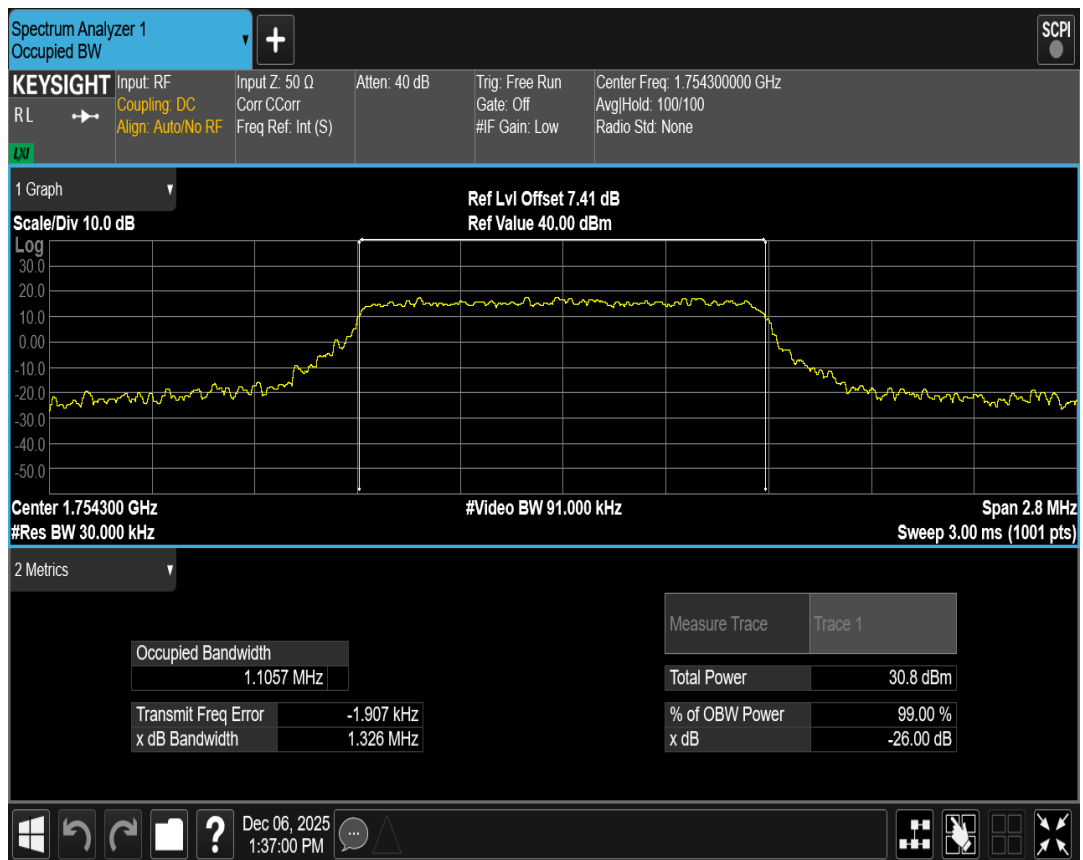


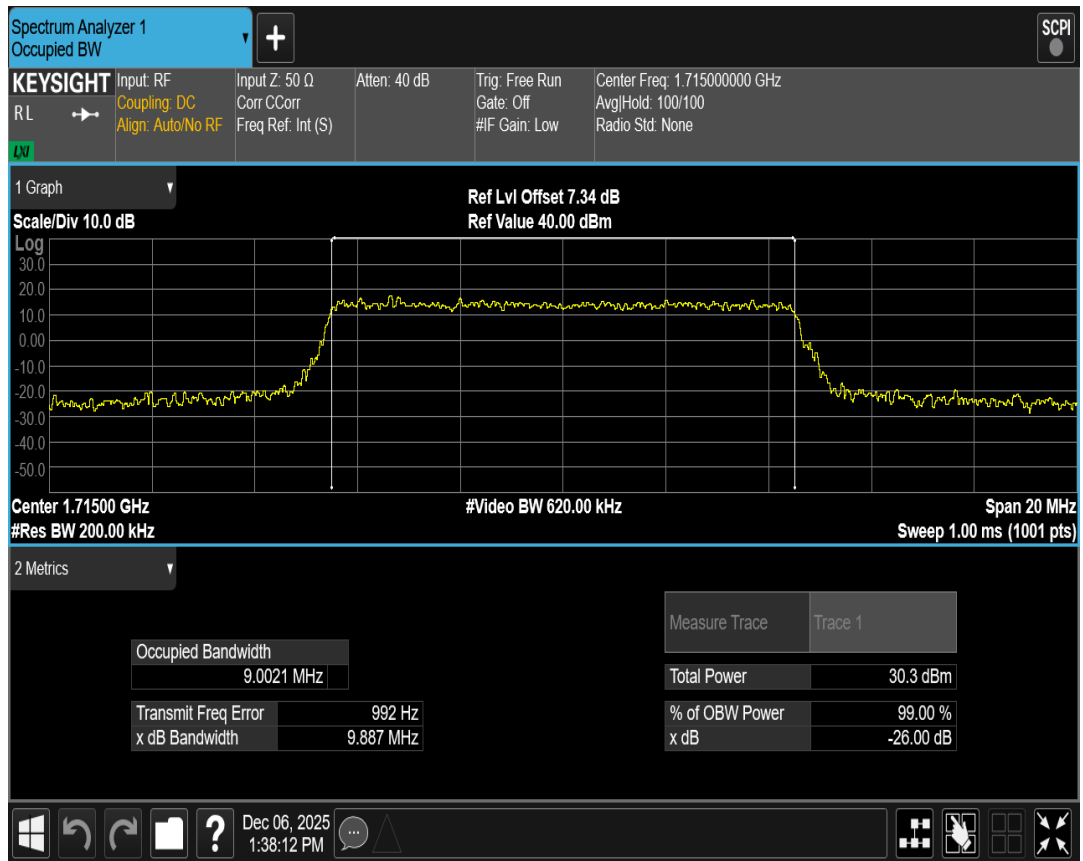
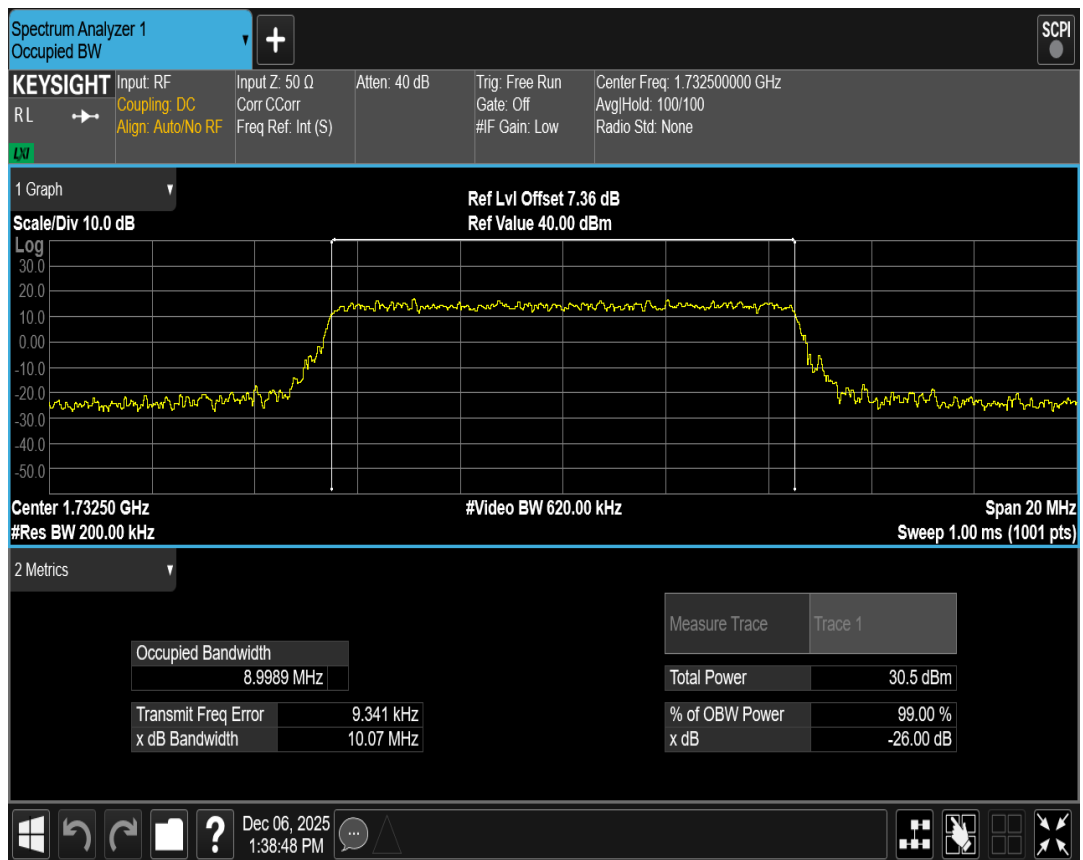
Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0

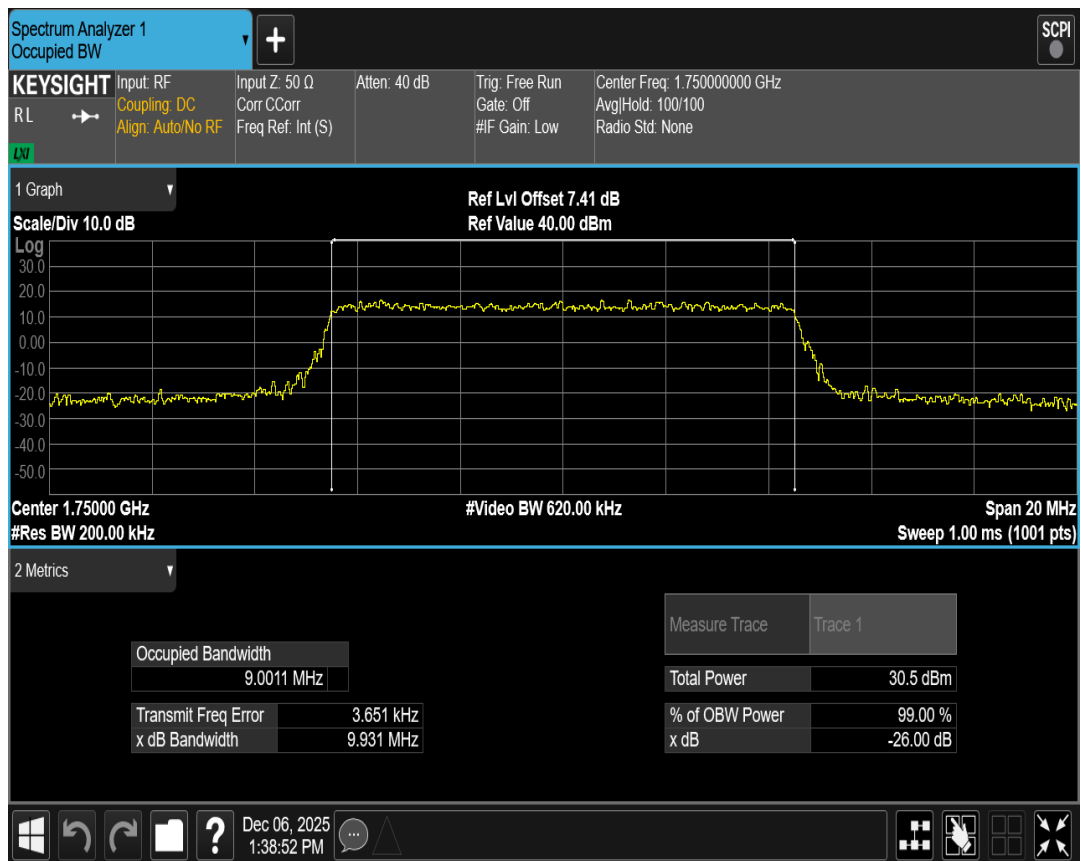
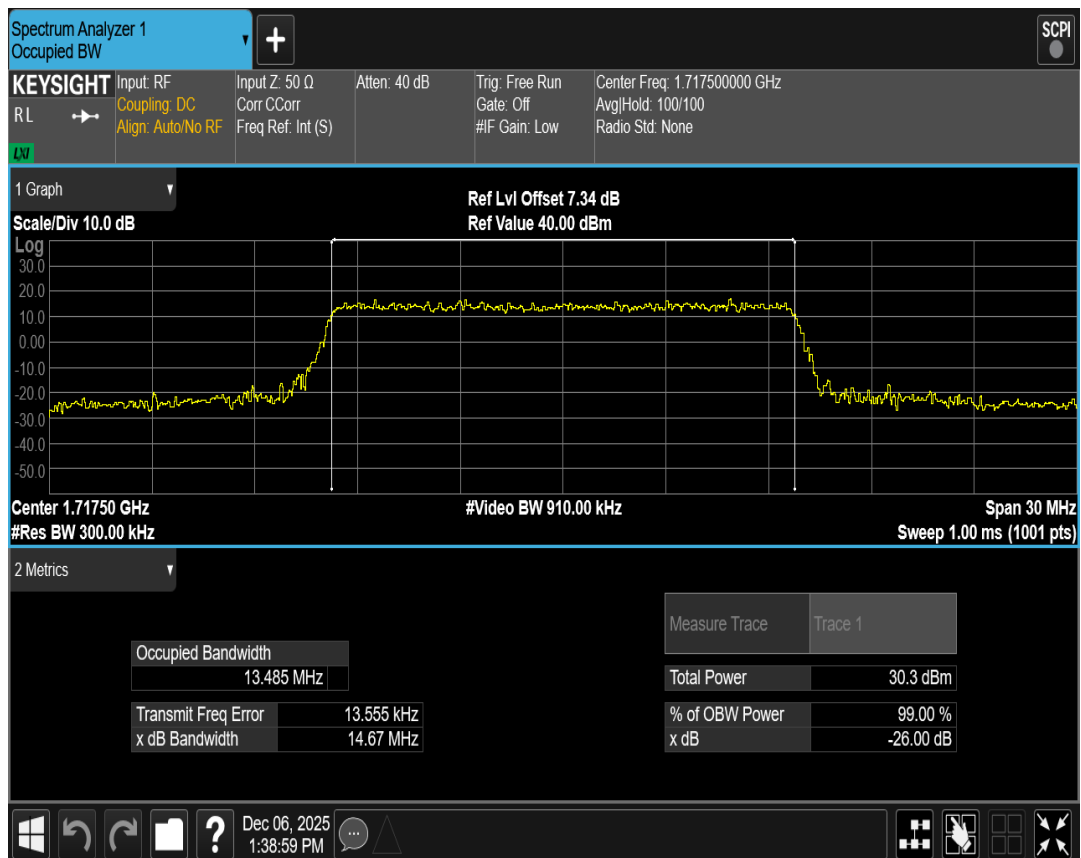
**Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0****Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0**

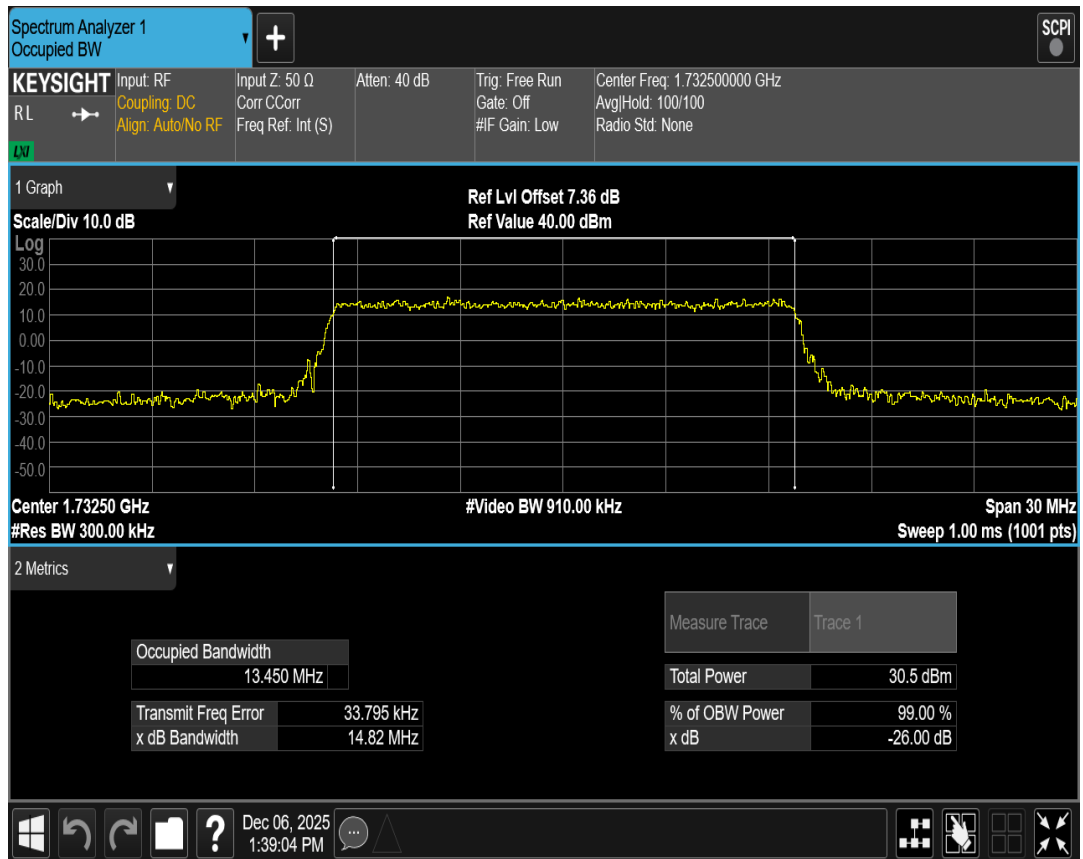
**Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0****Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0**

**Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0****Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0**

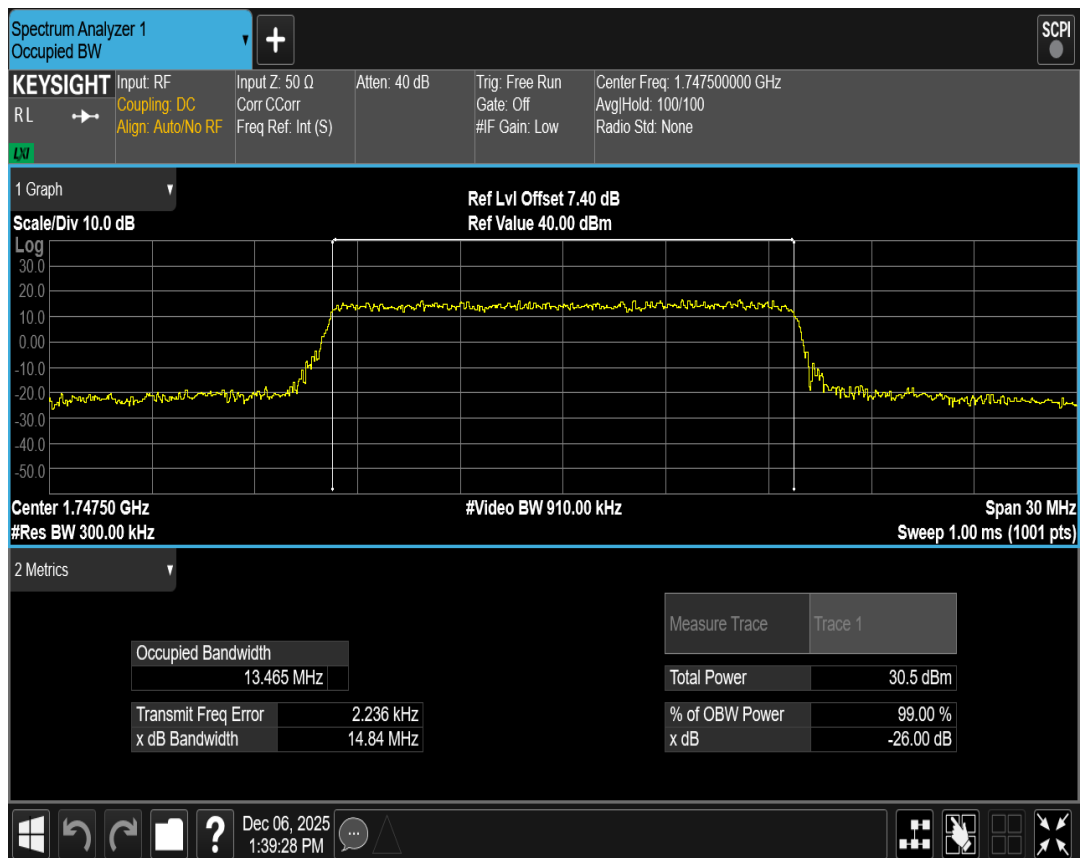
**Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0****Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0**

**Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0****Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0**

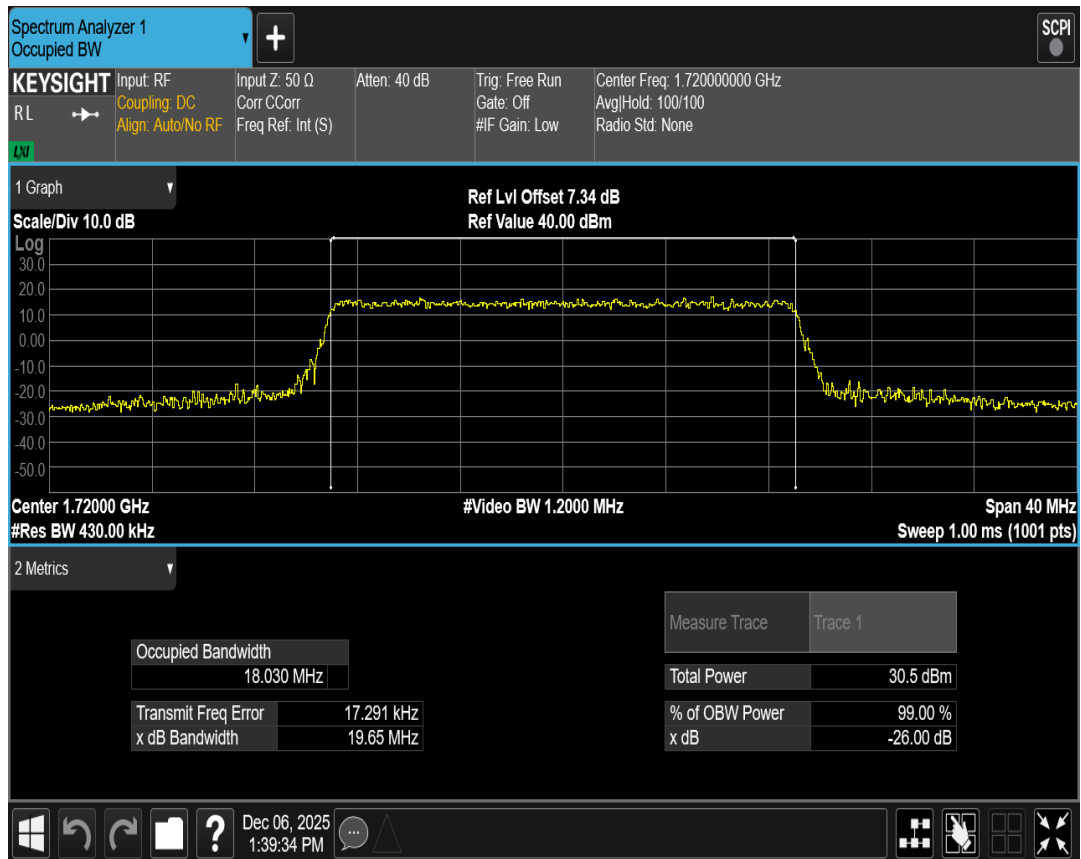
**Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0****Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0**



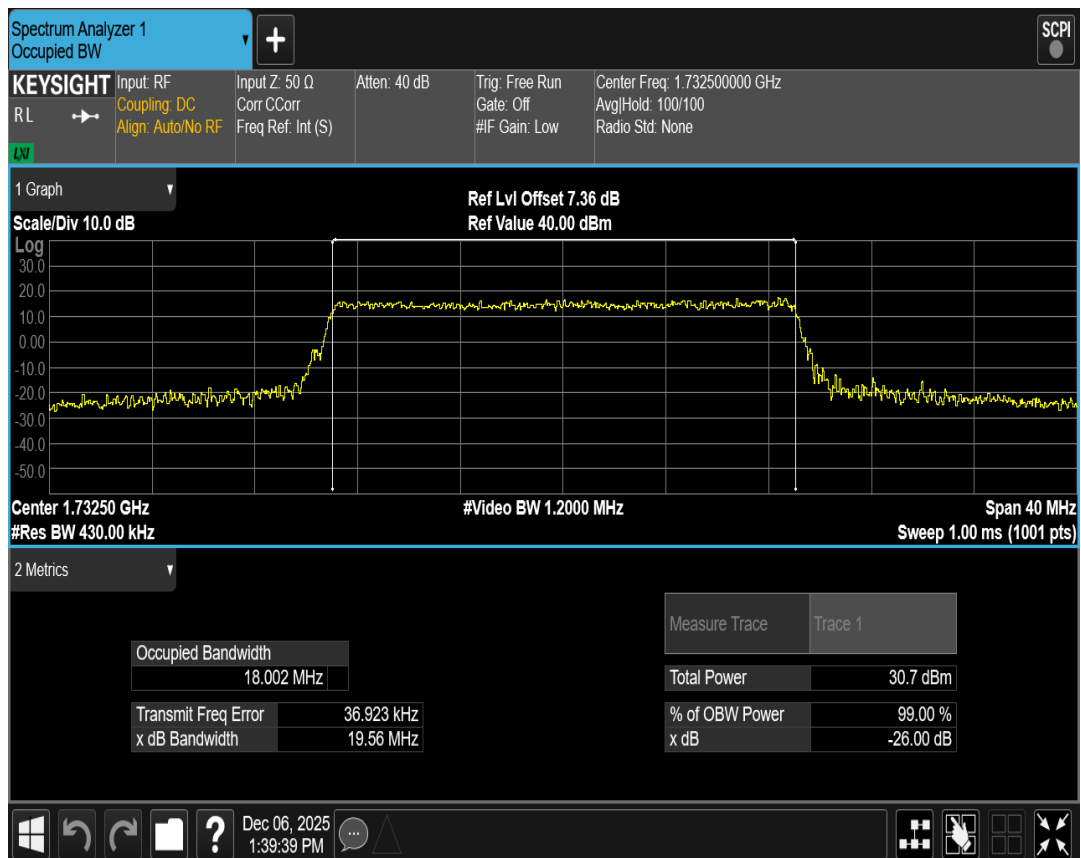
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



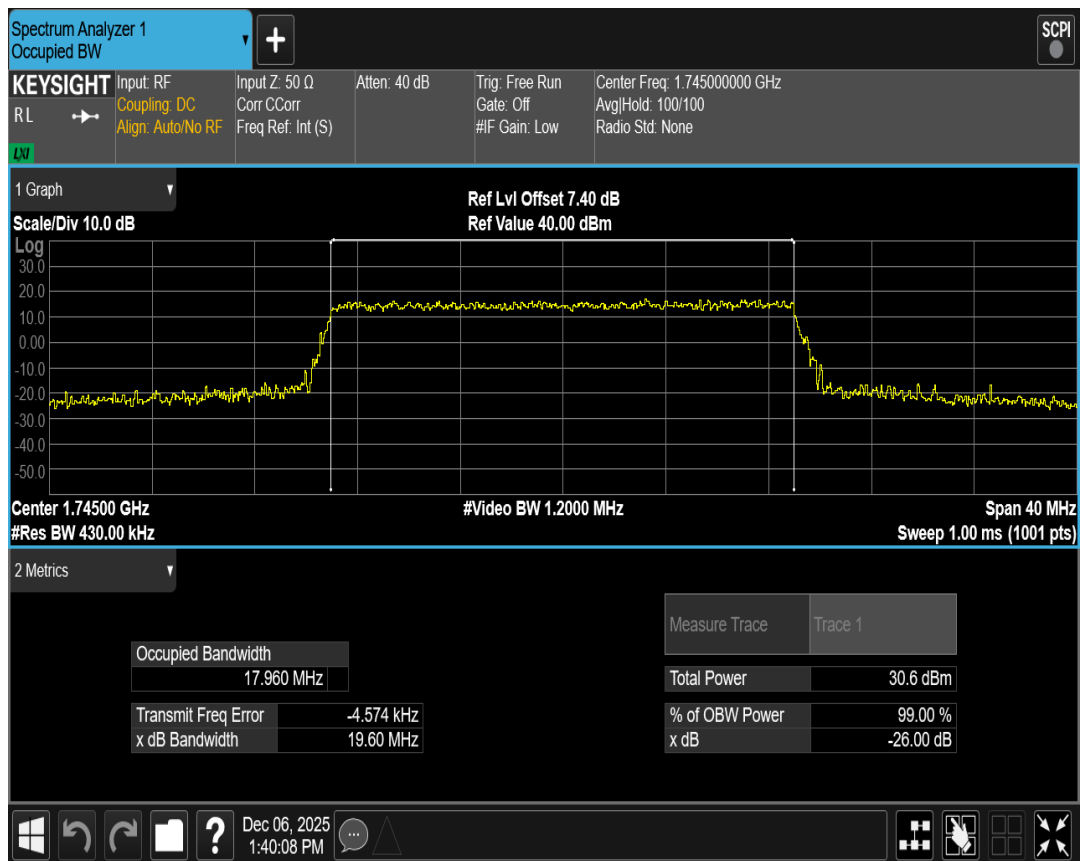
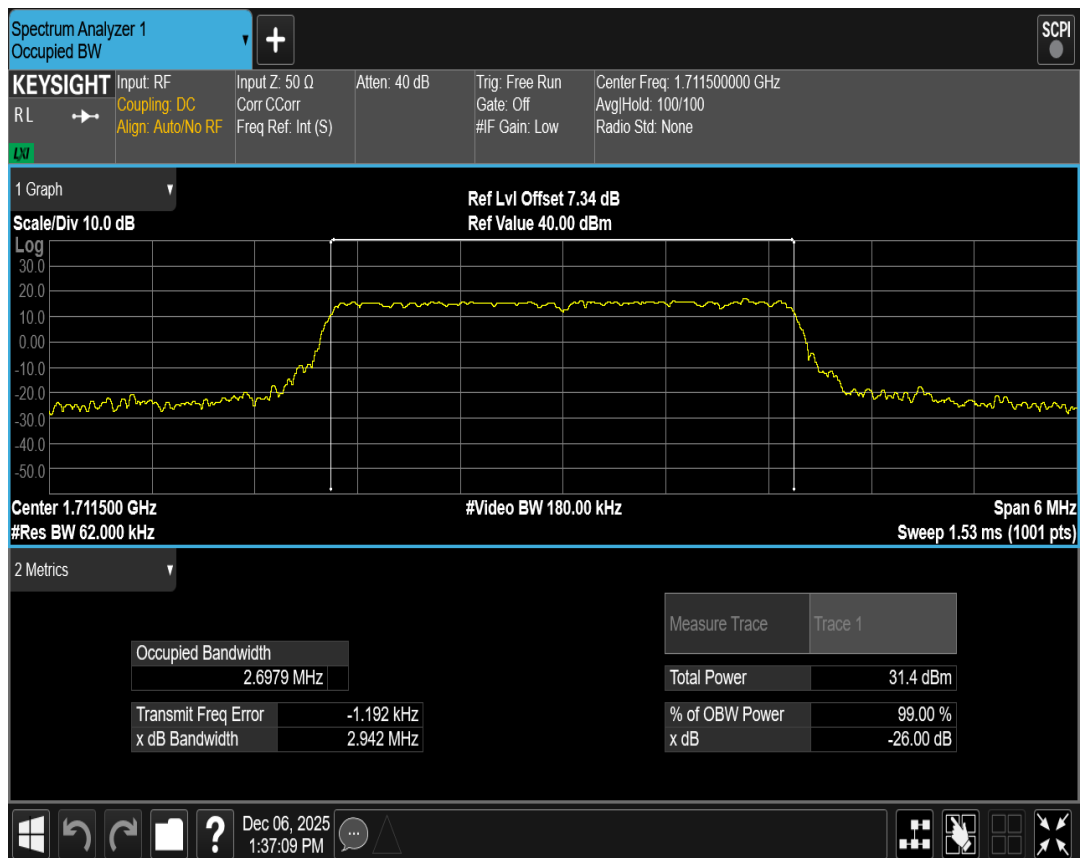
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0

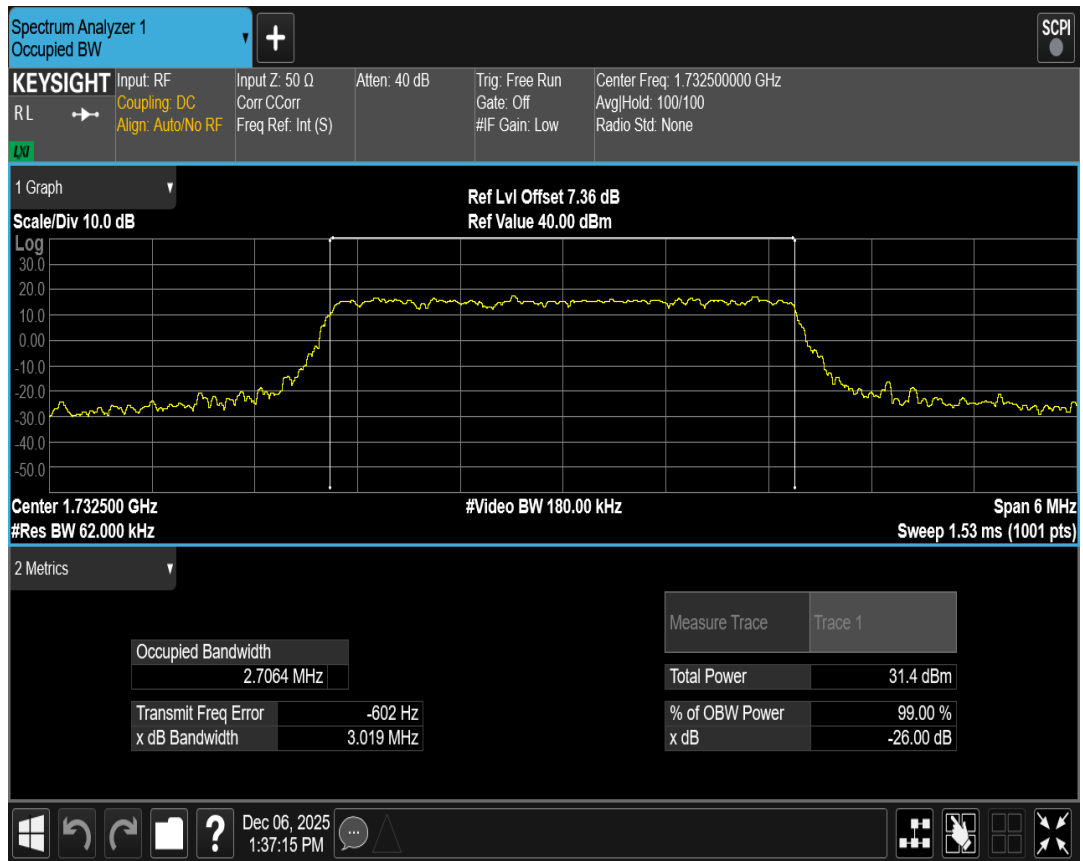
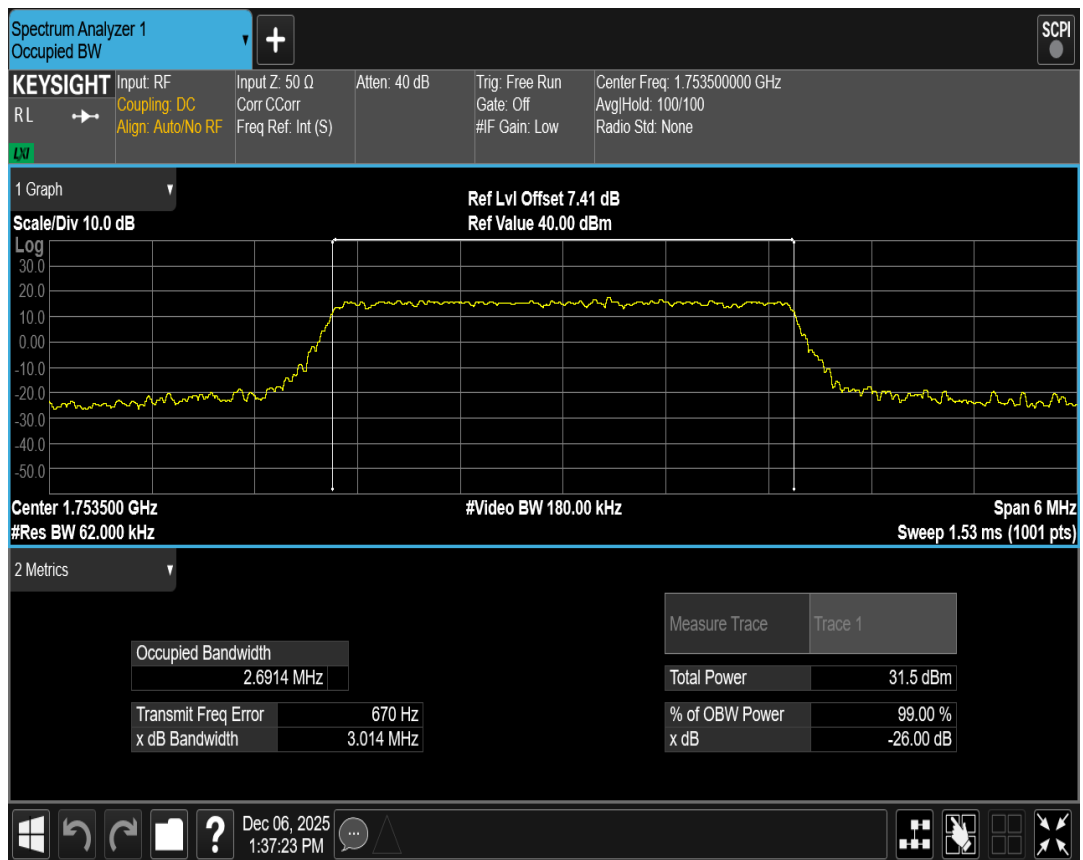


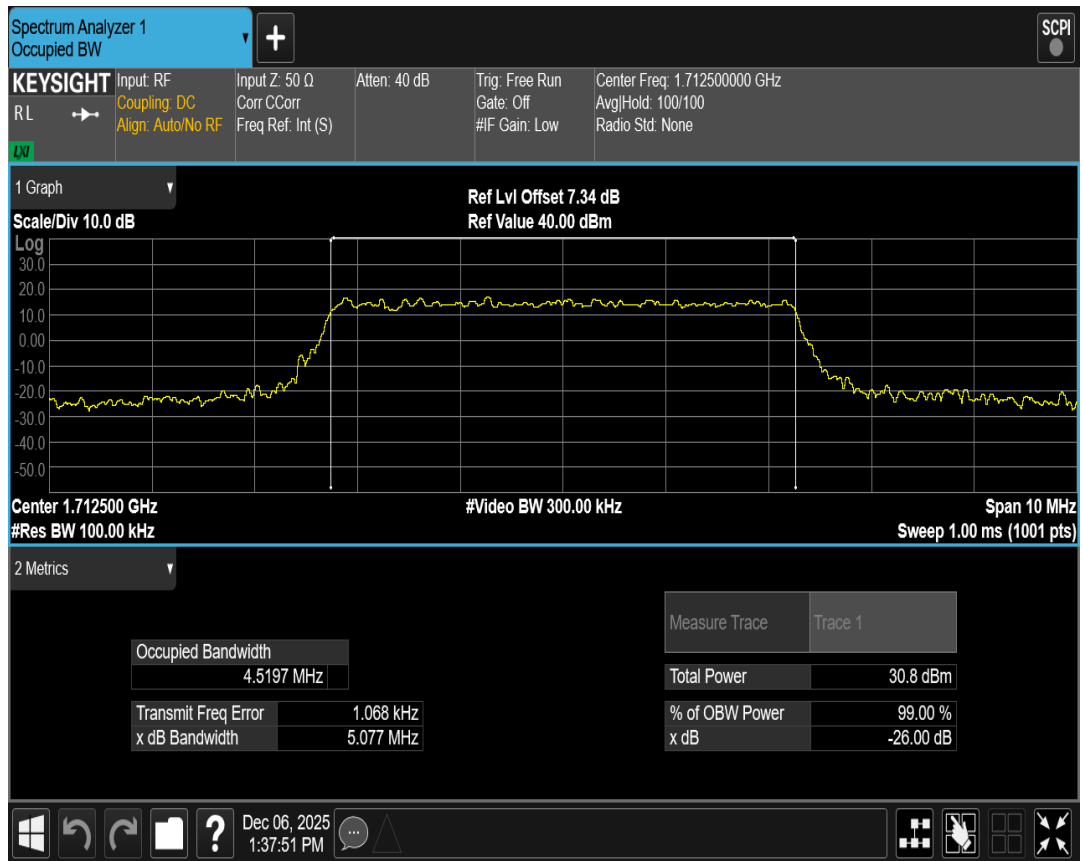
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



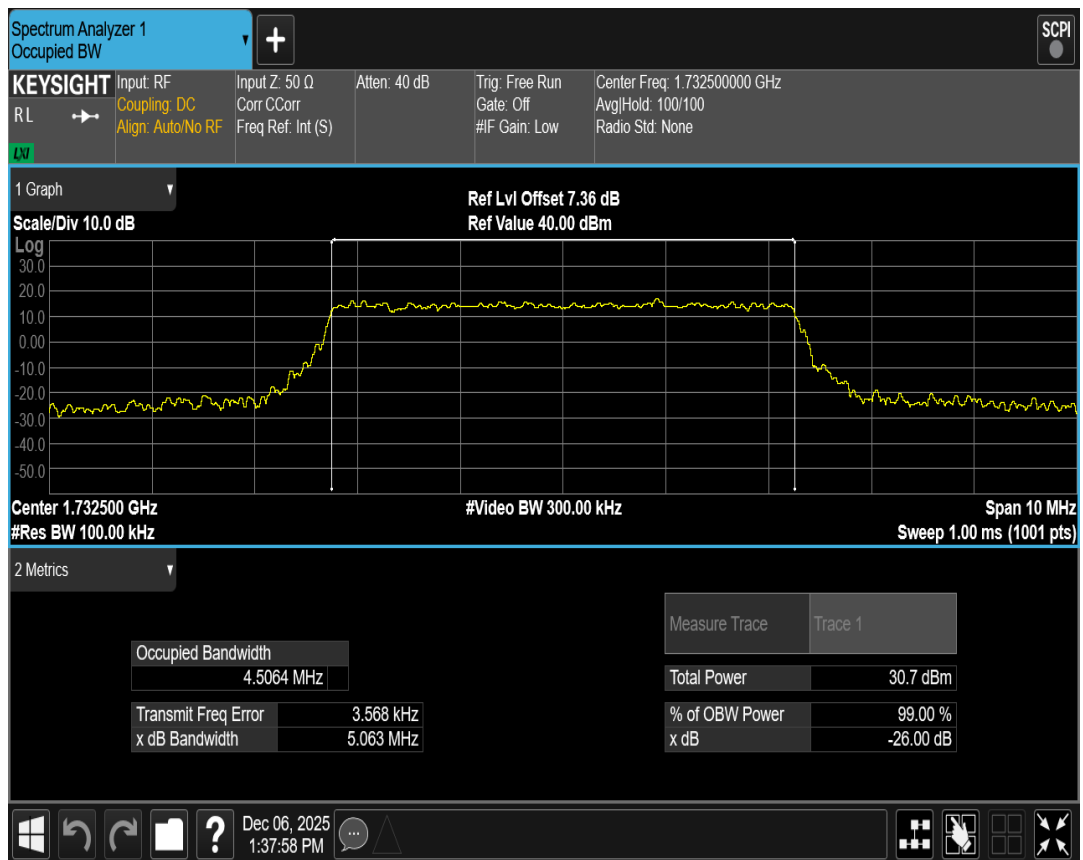
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0

**Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0****Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0**

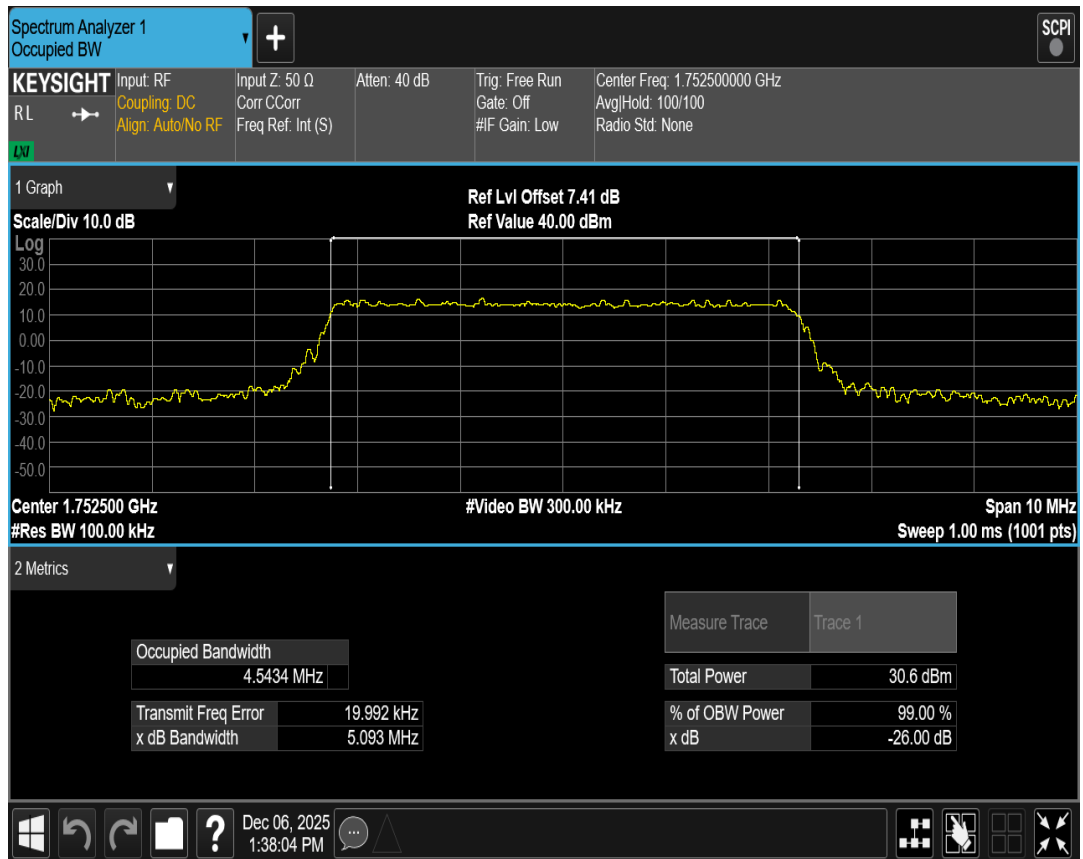
**Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0****Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0**



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



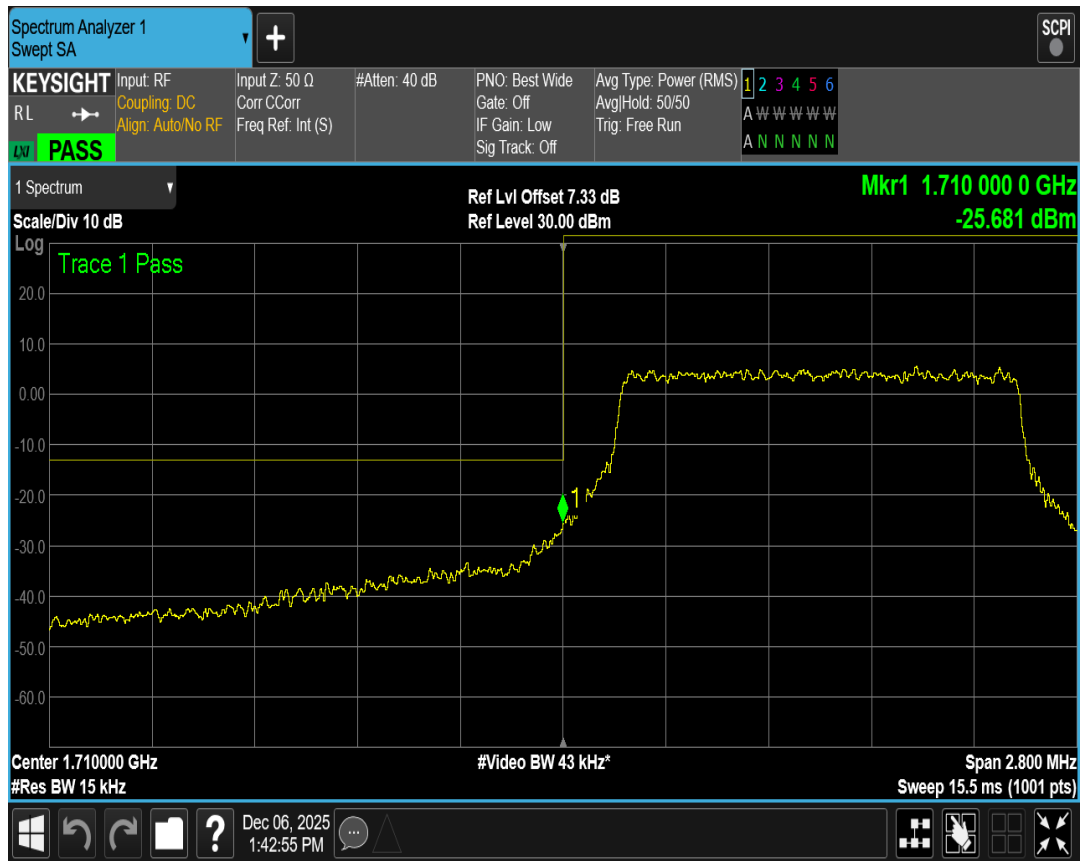
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



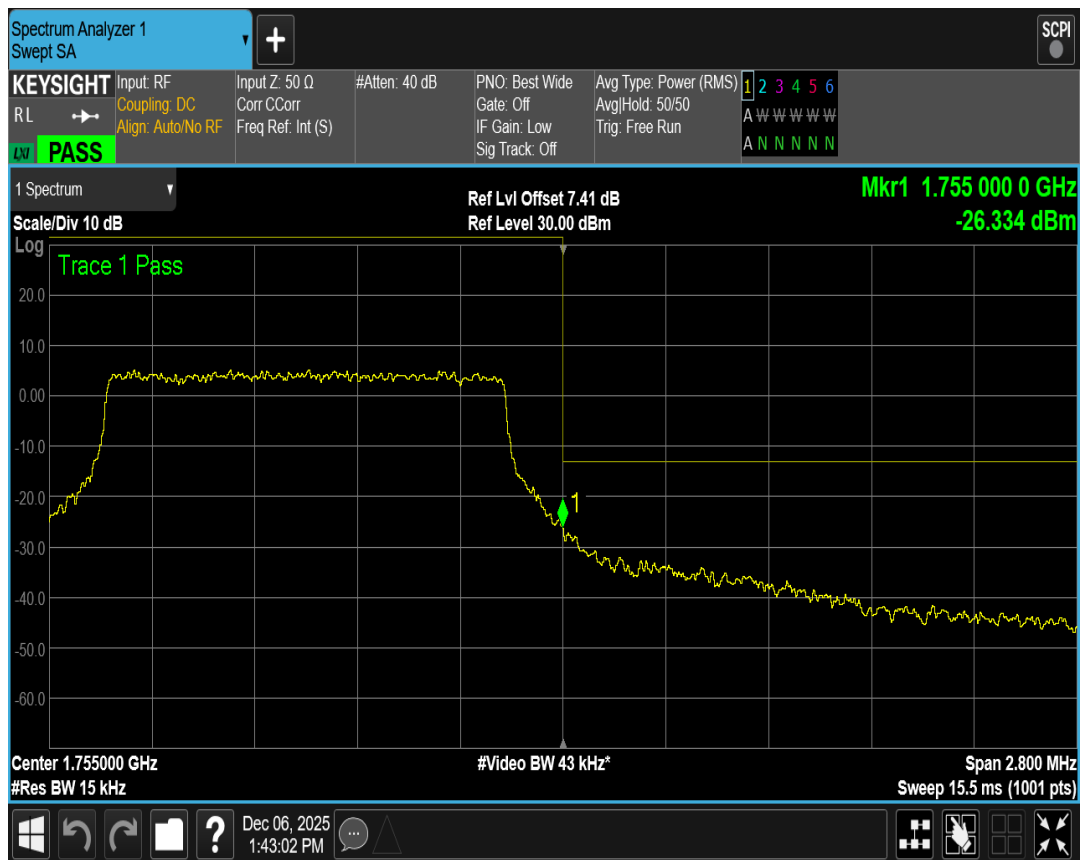
5 Band edge

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	1709.98	-25.84	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1710.00	-25.68	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.01	-26.20	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.00	-26.33	-13	PASS
Band4	3	19965	15	#0	QPSK	1709.99	-23.76	-13	PASS
Band4	3	19965	15	#0	QAM16	1710.00	-23.34	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.02	-24.88	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.02	-24.25	-13	PASS
Band4	5	19975	25	#0	QPSK	1709.96	-26.75	-13	PASS
Band4	5	19975	25	#0	QAM16	1710.00	-24.48	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.01	-25.99	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.00	-26.25	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-29.53	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.06	-29.27	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.82	-31.62	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.15	-29.99	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.96	-32.92	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.00	-31.01	-13	PASS

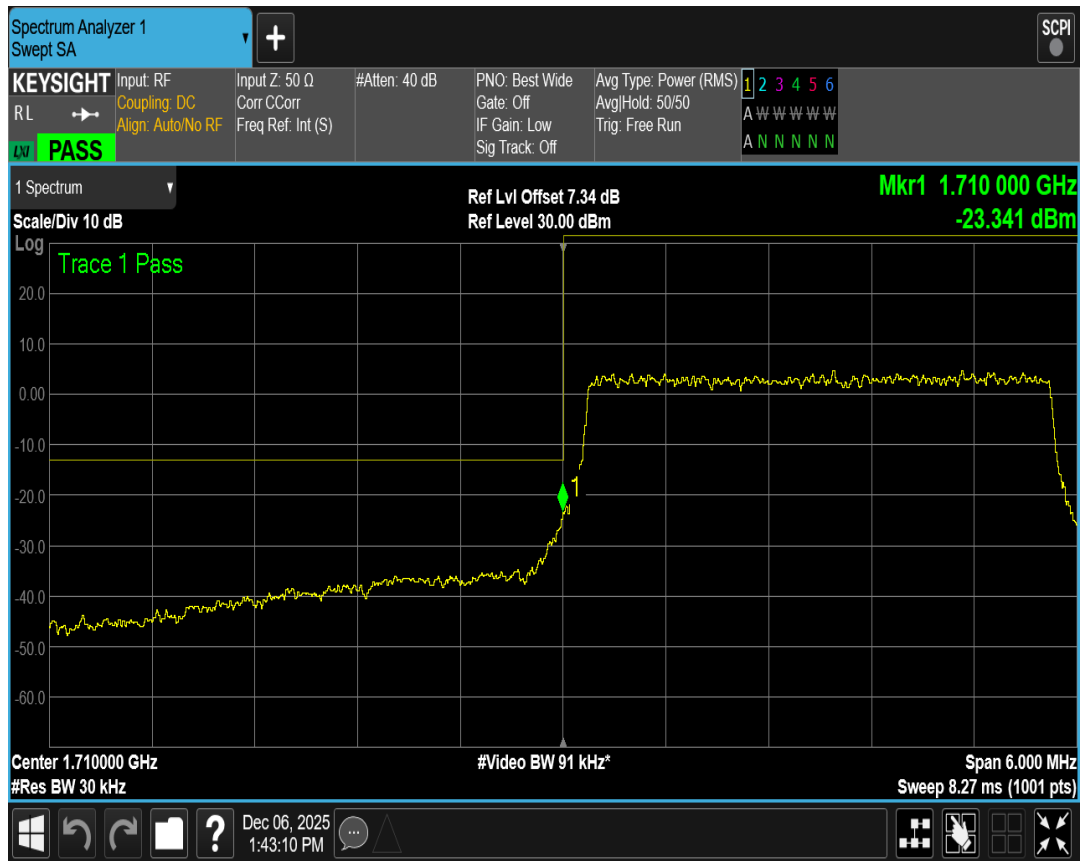
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



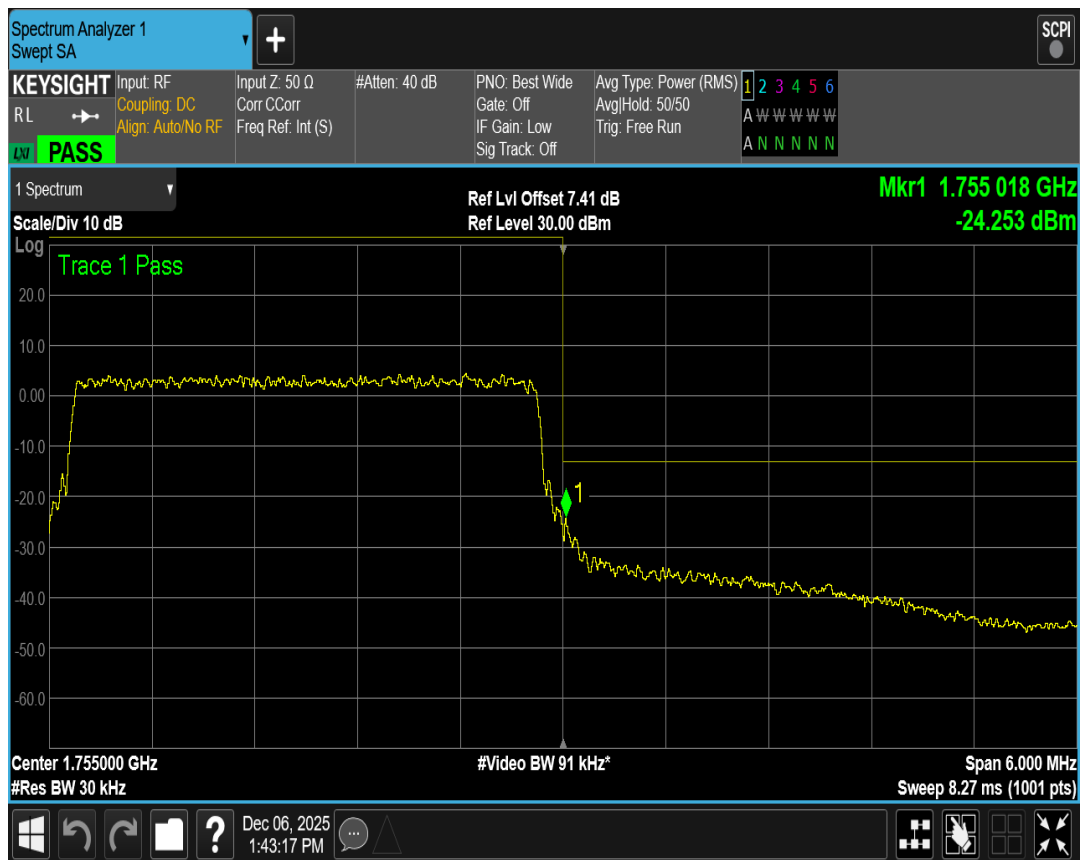
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



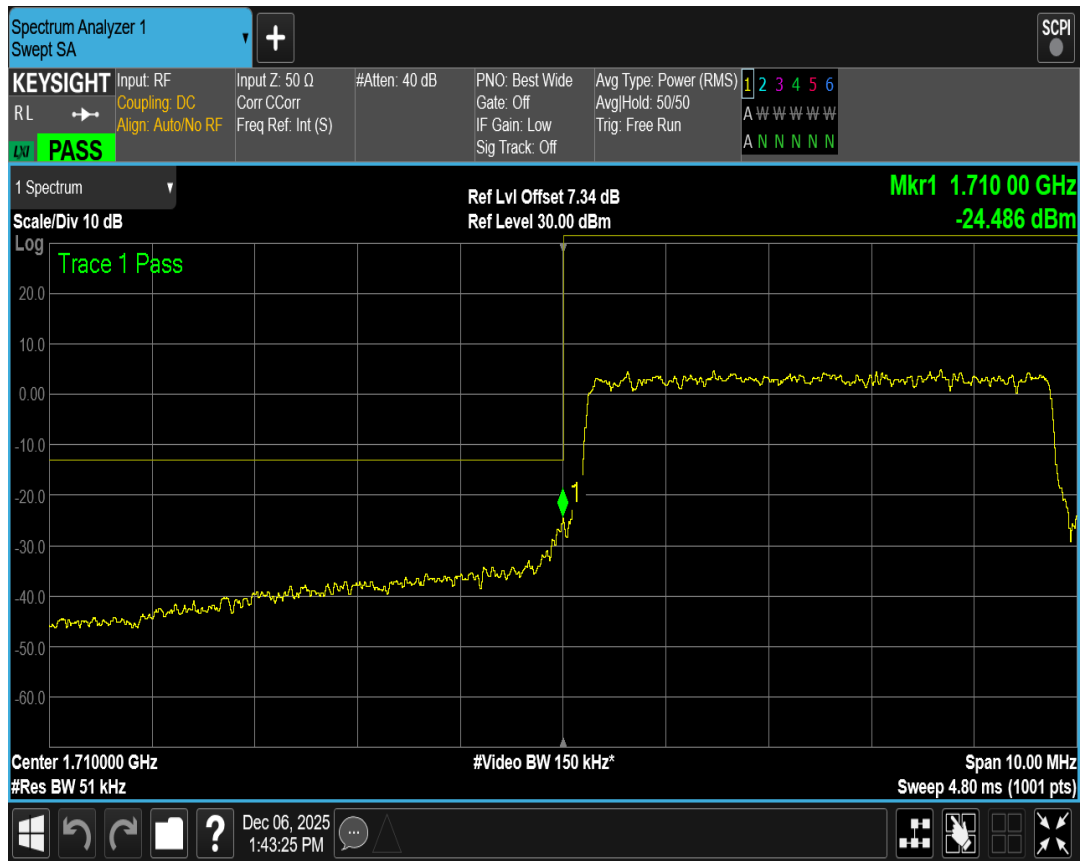
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



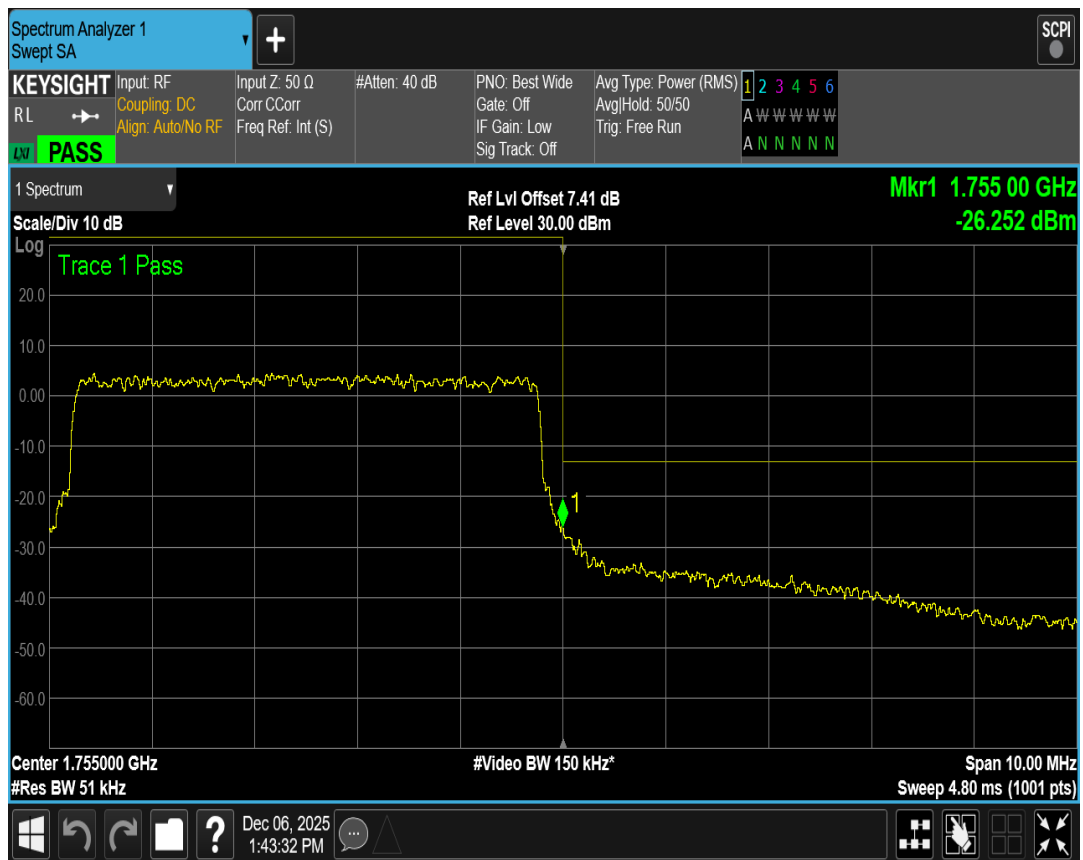
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



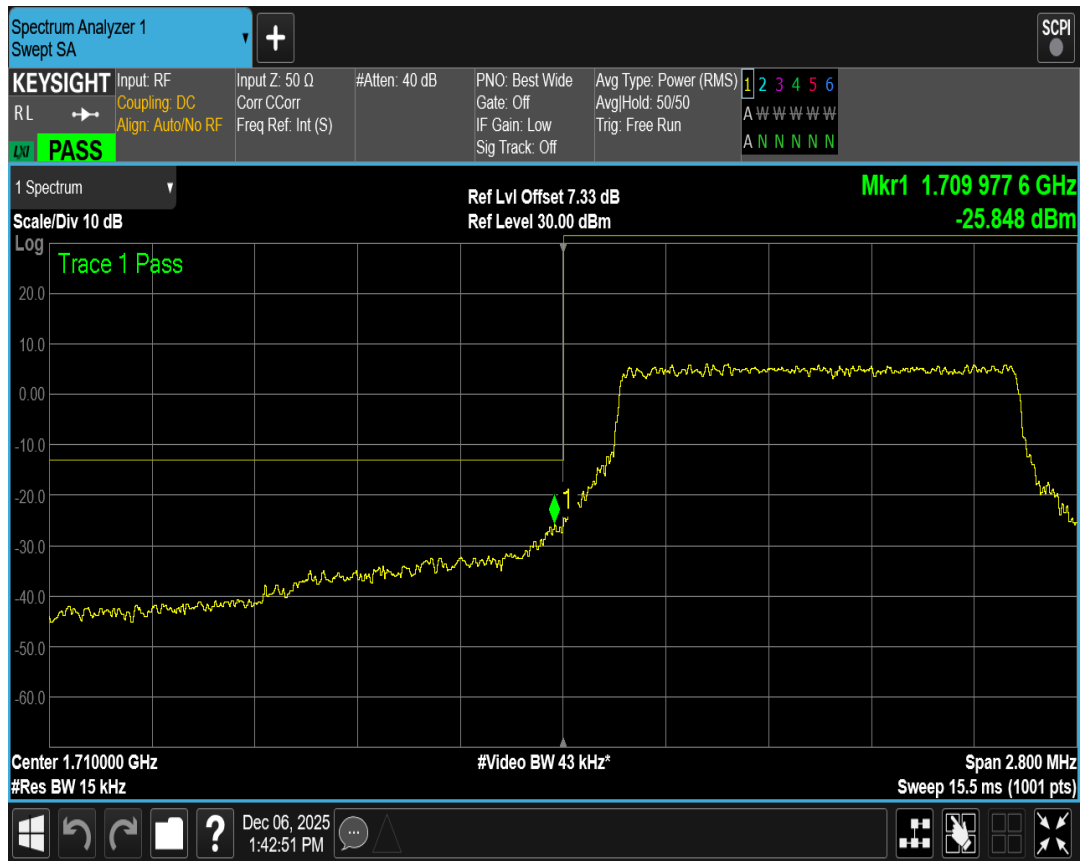
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



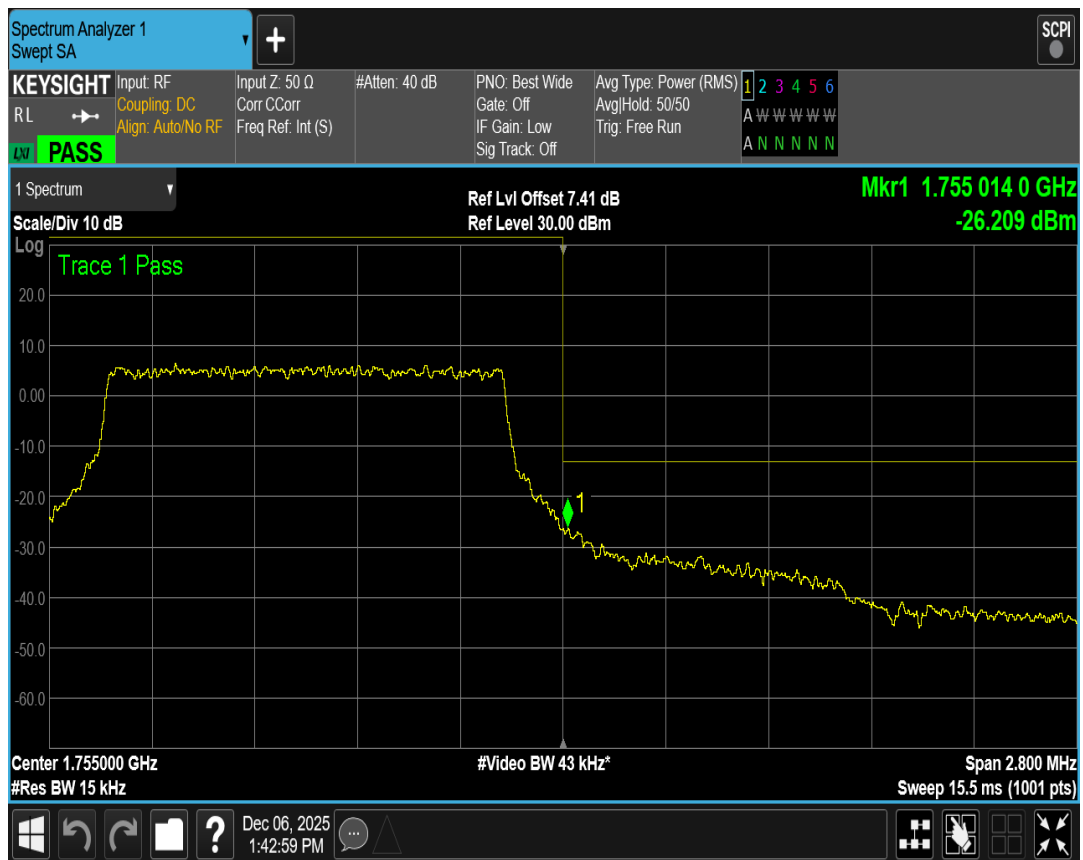
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



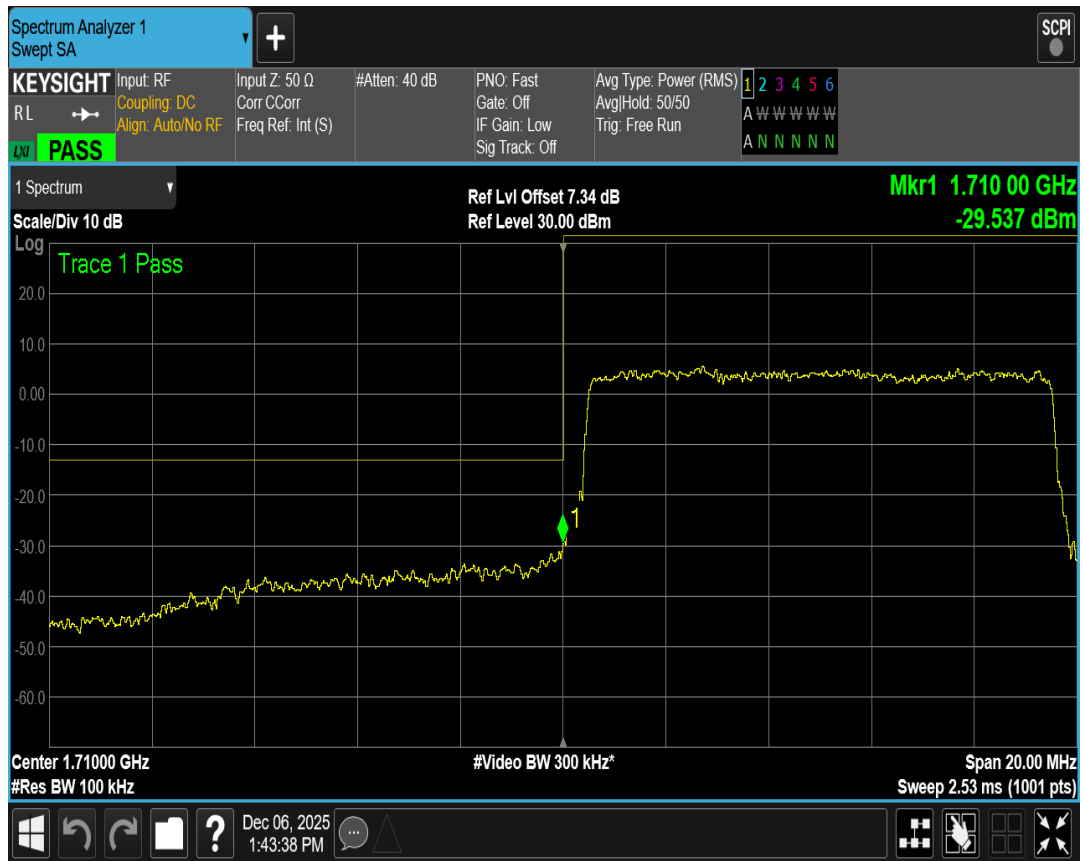
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



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



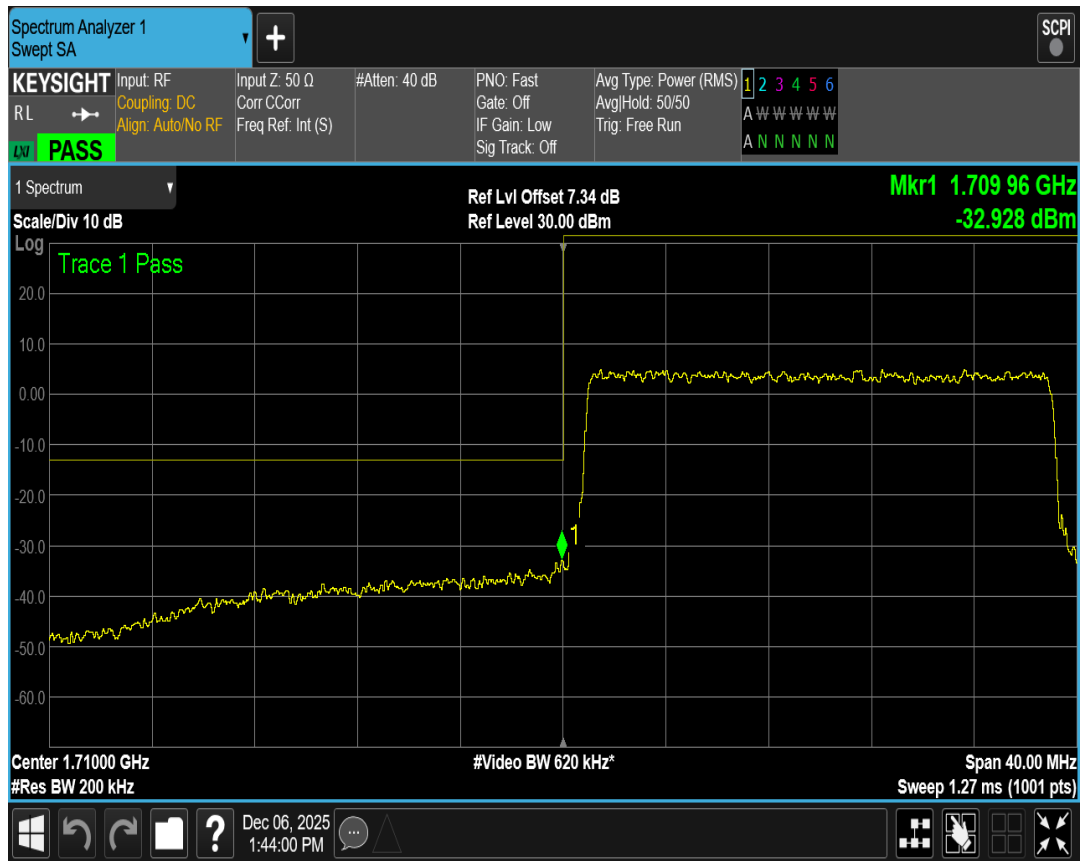
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



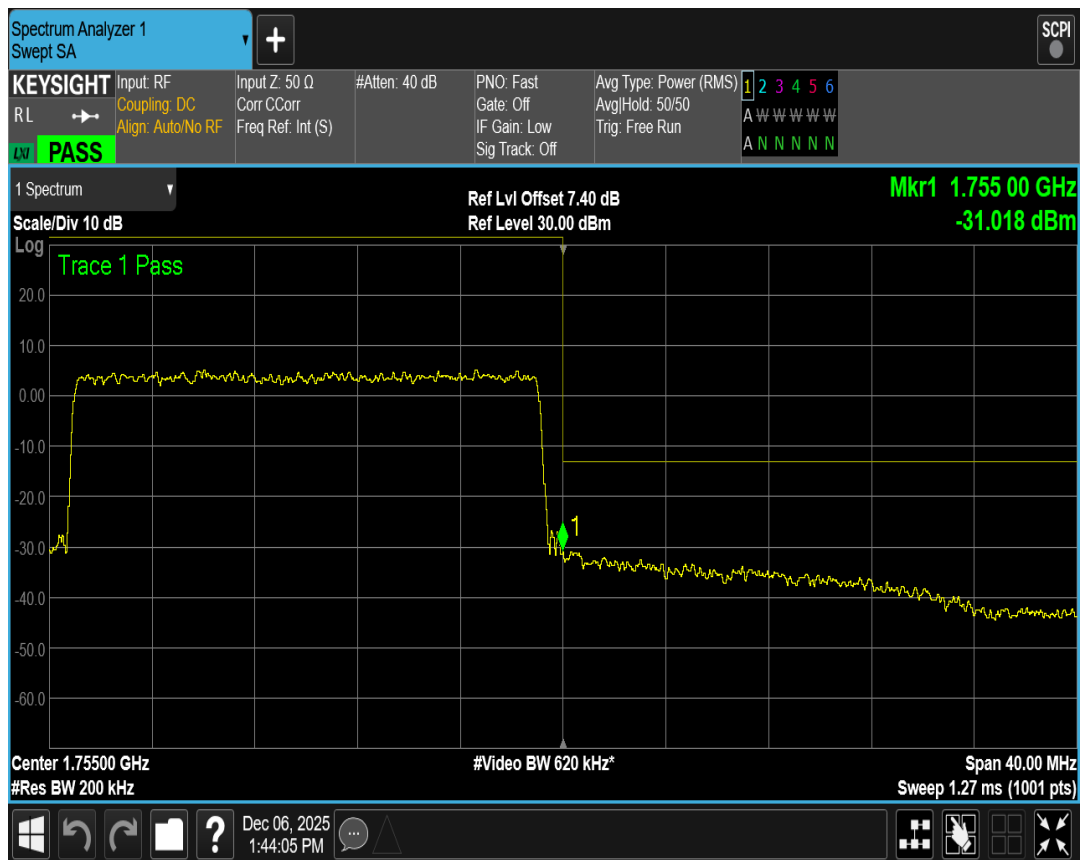
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



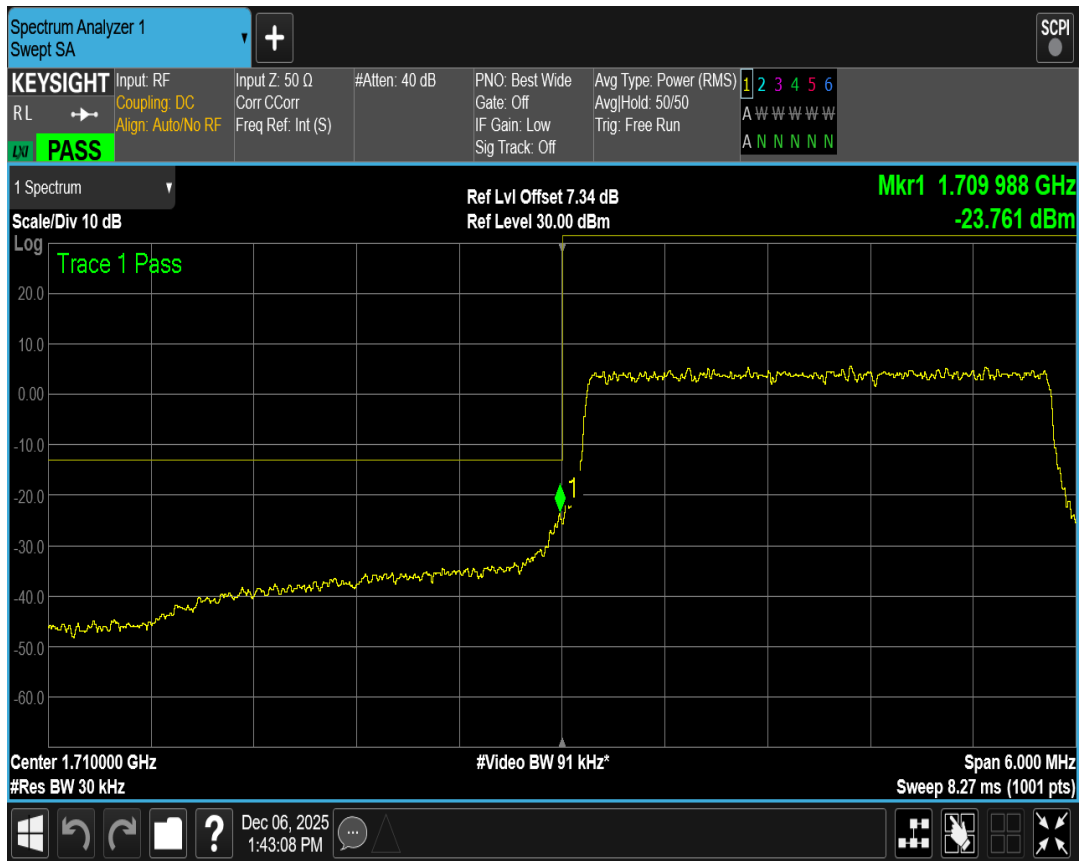
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



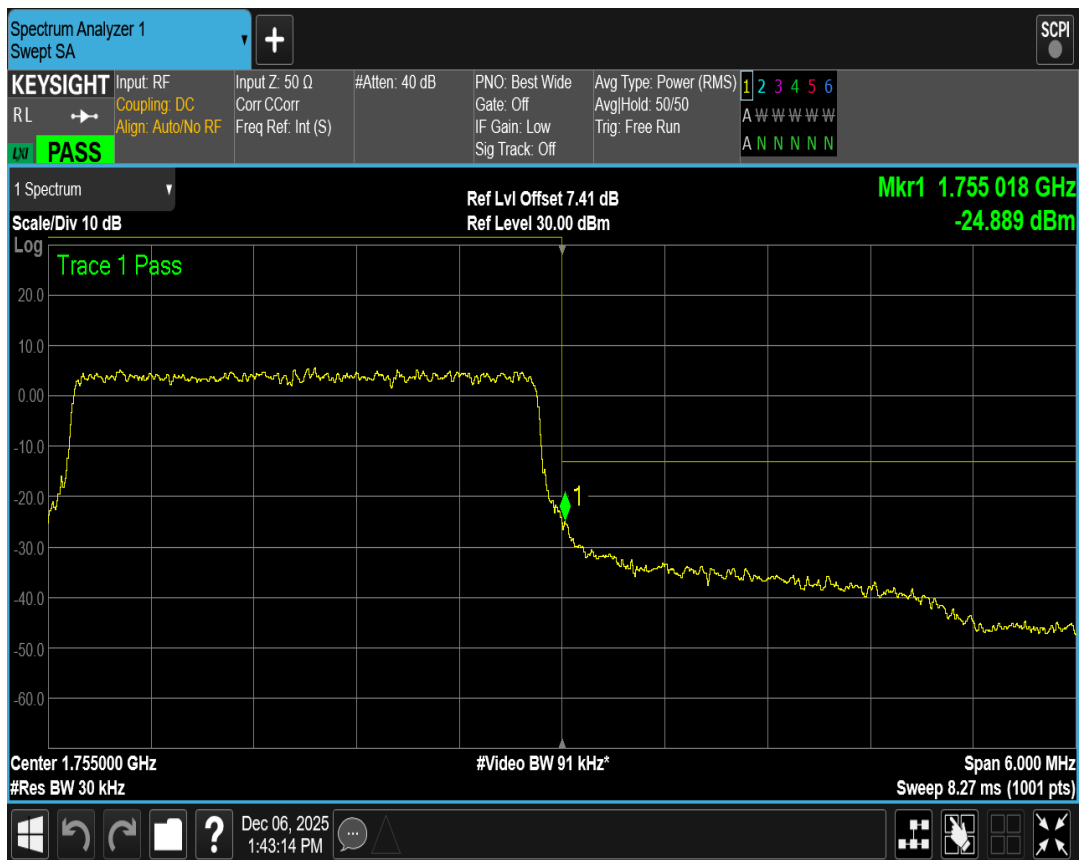
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



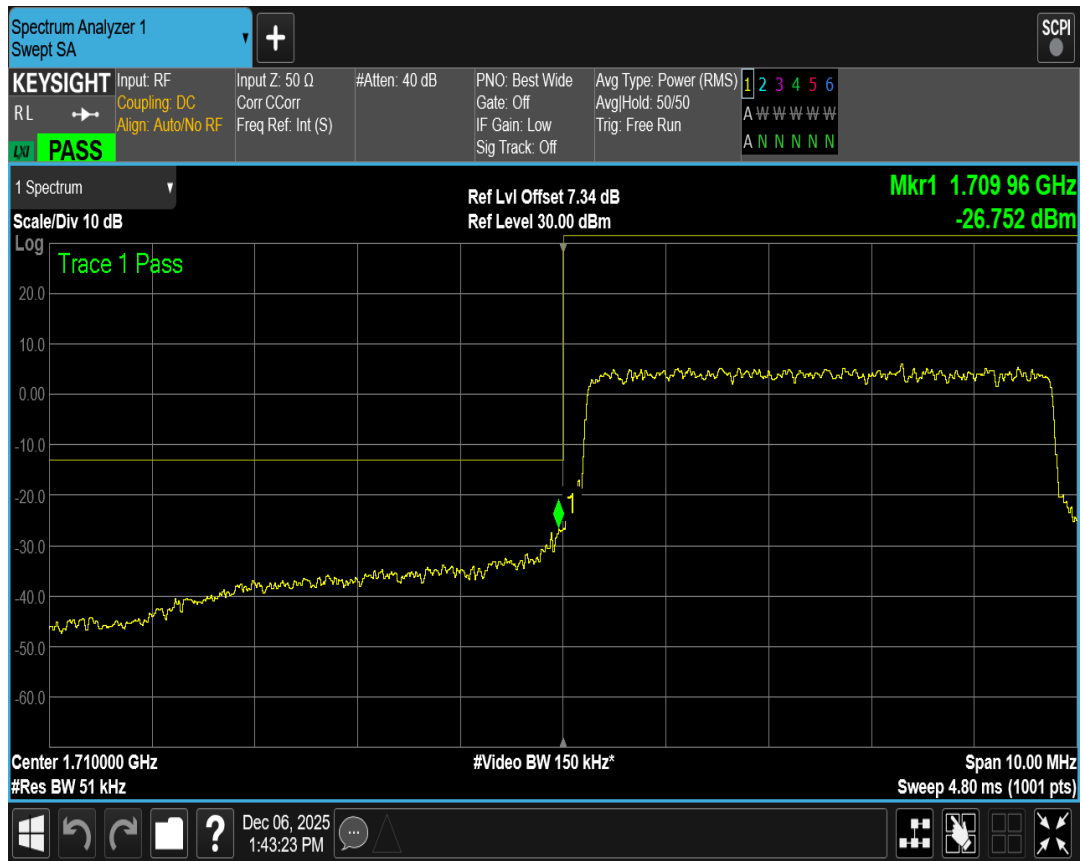
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



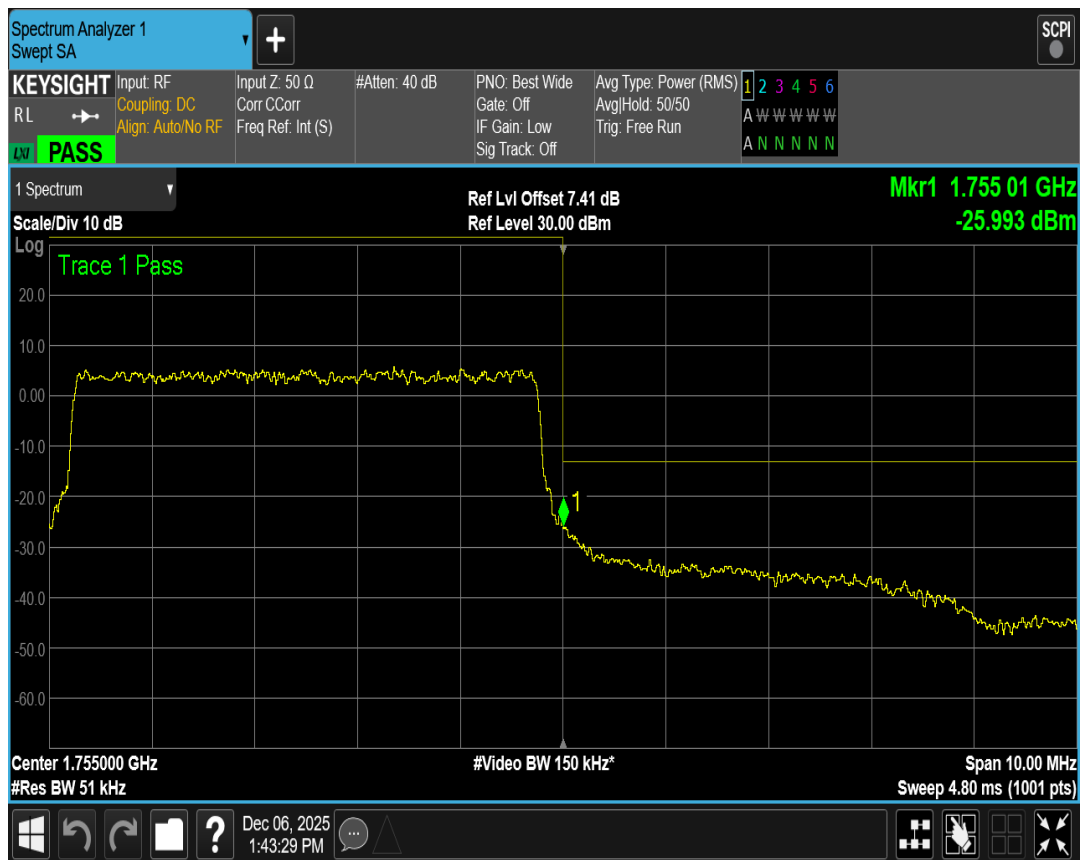
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



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



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

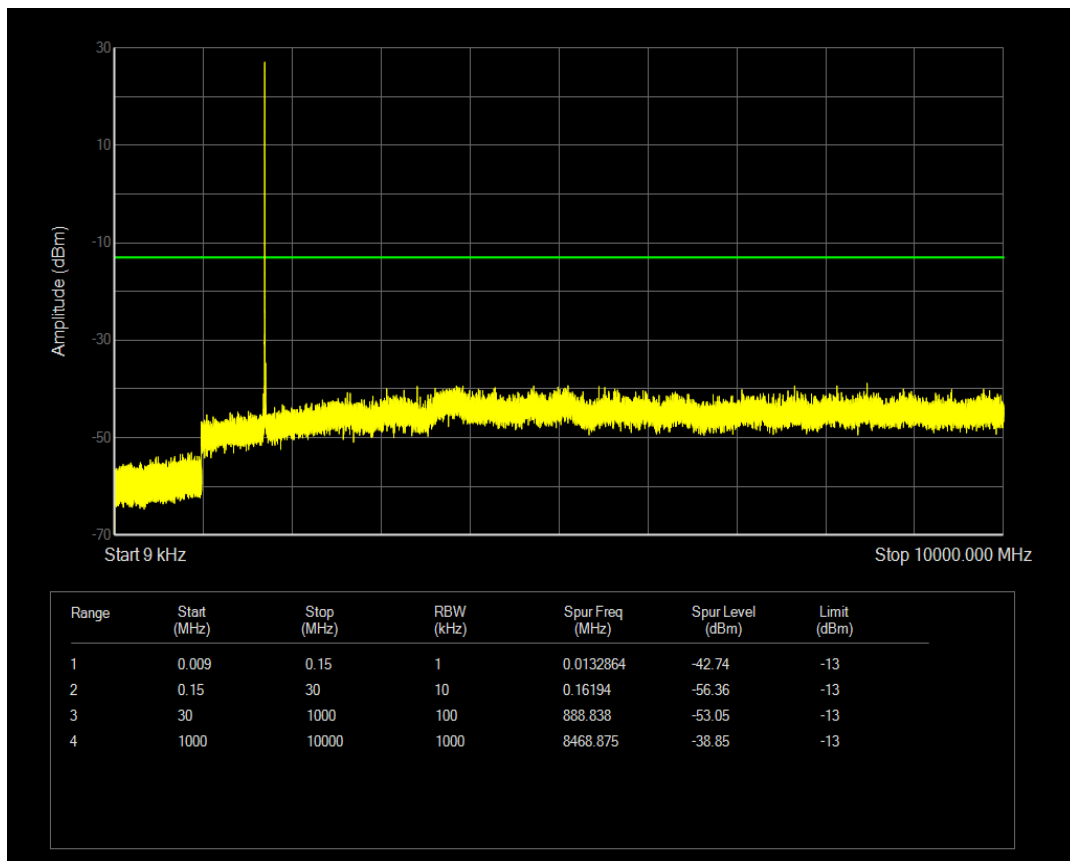
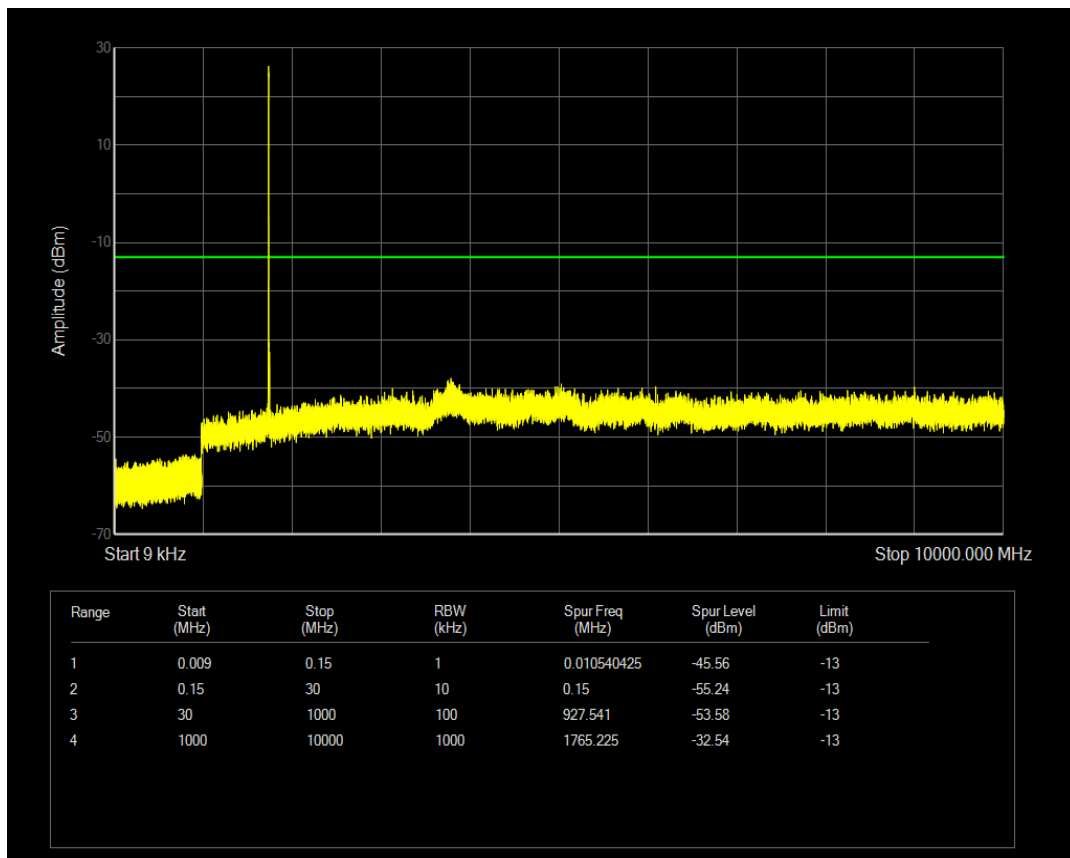


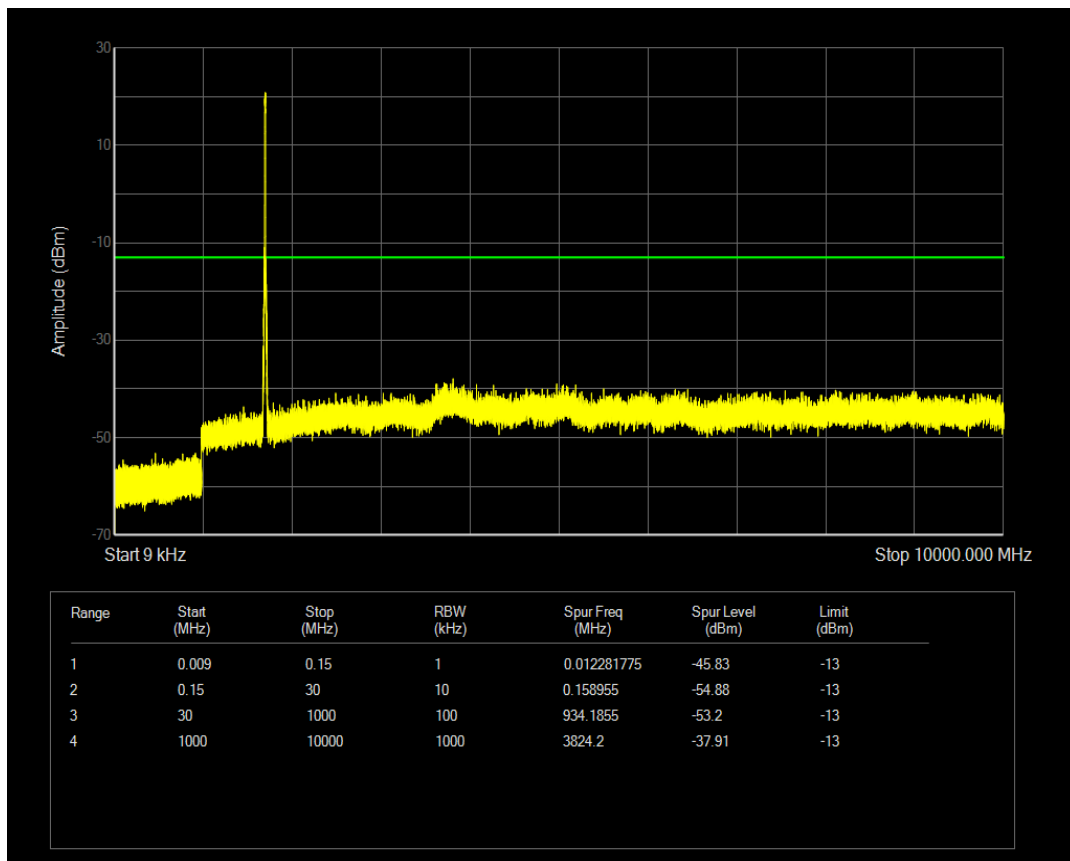
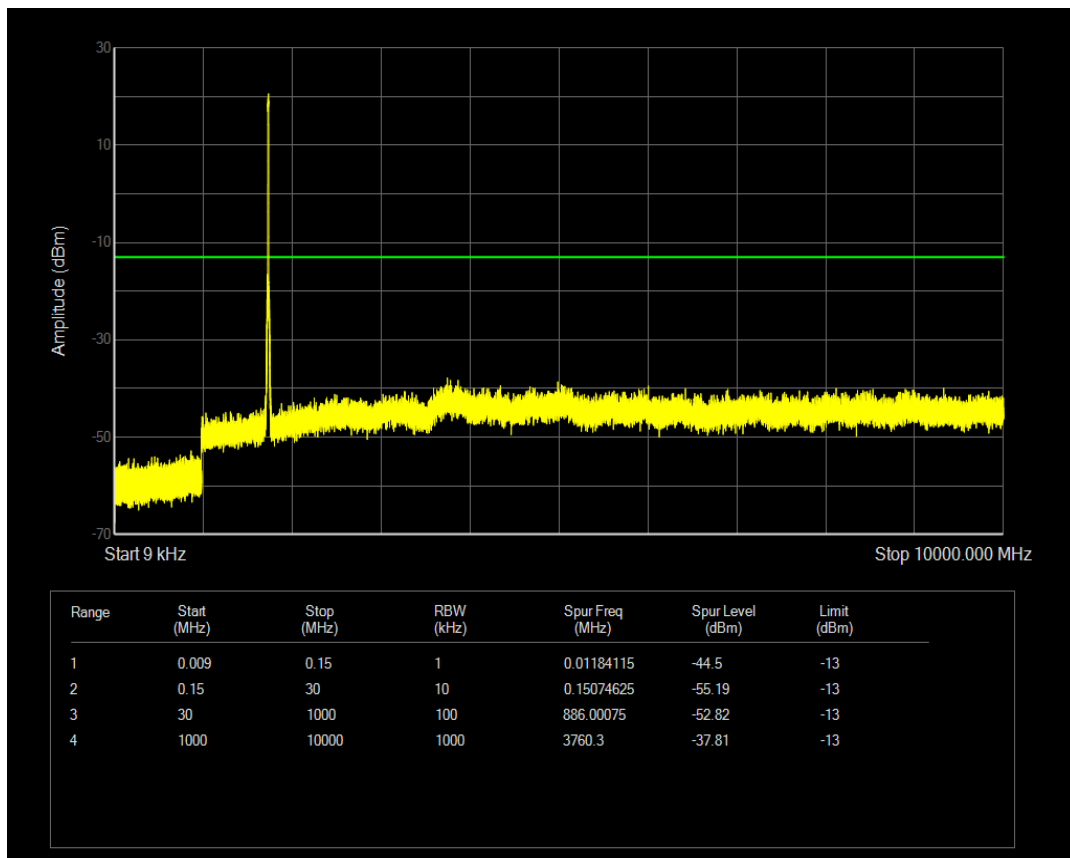
6 Out-of-band emissions

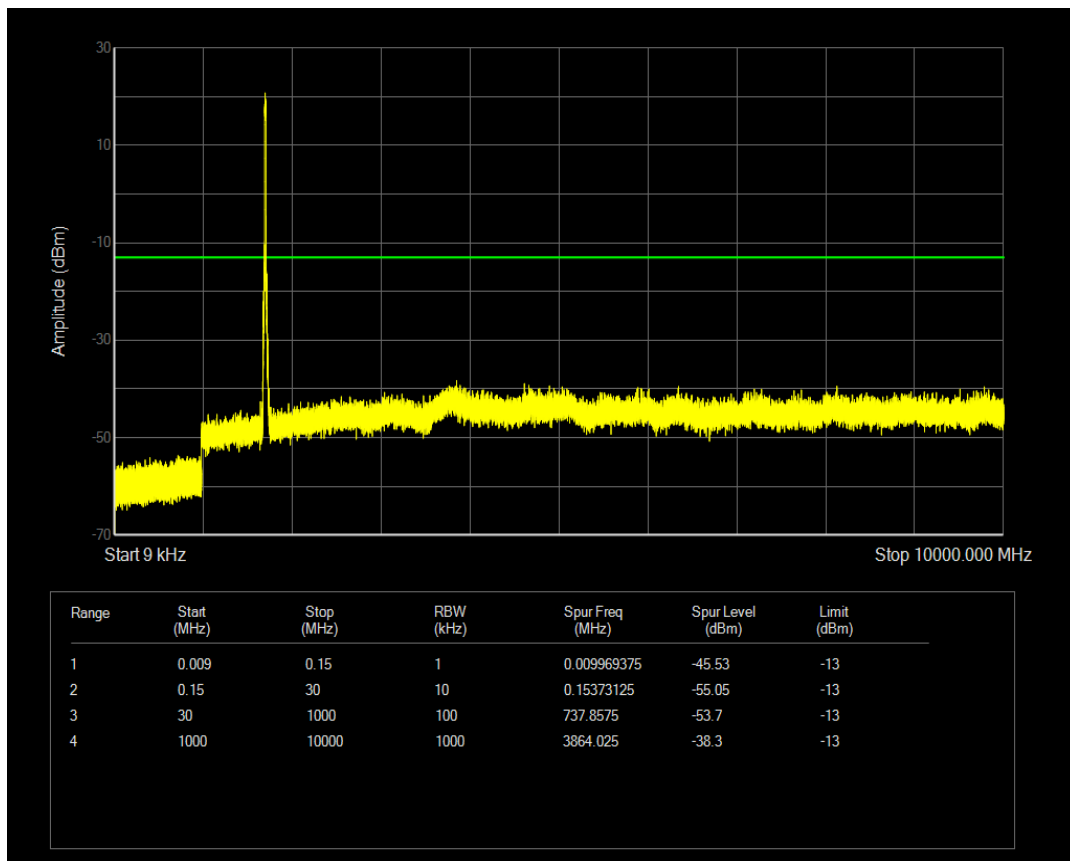
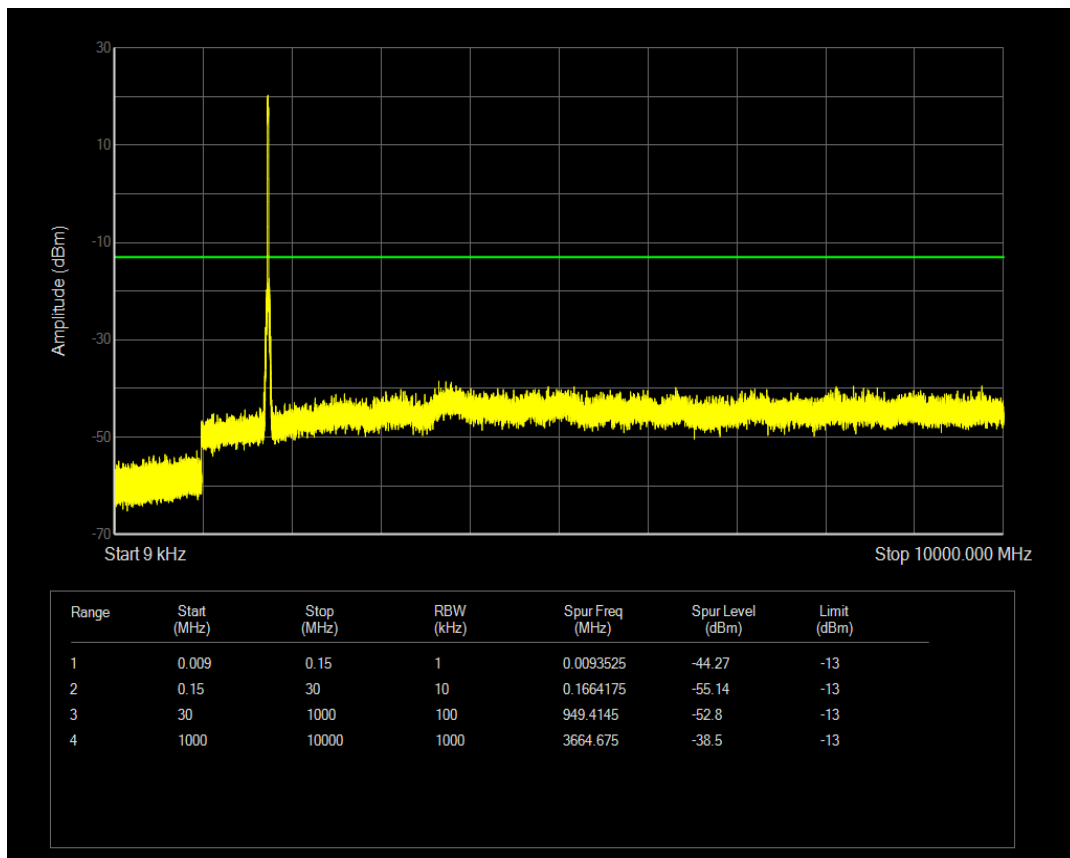
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	4712.28	-37.77	-13	PASS
Band4	1.4	19957	6	#0	QAM16	8468.88	-38.85	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1760.73	-36.81	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1765.23	-32.54	-13	PASS
Band4	3	19965	15	#0	QPSK	3869.20	-38.08	-13	PASS
Band4	3	19965	15	#0	QAM16	3816.55	-38.31	-13	PASS
Band4	3	20385	15	#0	QPSK	3863.35	-38.28	-13	PASS
Band4	3	20385	15	#0	QAM16	7362.33	-38.83	-13	PASS
Band4	5	19975	25	#0	QPSK	3801.25	-38.09	-13	PASS
Band4	5	19975	25	#0	QAM16	3952.90	-38.49	-13	PASS
Band4	5	20375	25	#0	QPSK	3806.43	-38.55	-13	PASS
Band4	5	20375	25	#0	QAM16	4850.43	-38.64	-13	PASS
Band4	10	20000	50	#0	QPSK	3809.13	-38.28	-13	PASS
Band4	10	20000	50	#0	QAM16	3824.20	-37.91	-13	PASS
Band4	10	20350	50	#0	QPSK	3832.75	-38.93	-13	PASS
Band4	10	20350	50	#0	QAM16	3760.30	-37.81	-13	PASS
Band4	15	20025	75	#0	QPSK	3799.45	-38.64	-13	PASS
Band4	15	20025	75	#0	QAM16	3864.03	-38.30	-13	PASS
Band4	15	20325	75	#0	QPSK	3631.15	-38.33	-13	PASS
Band4	15	20325	75	#0	QAM16	3664.68	-38.50	-13	PASS
Band4	20	20050	100	#0	QPSK	3846.70	-38.51	-13	PASS
Band4	20	20050	100	#0	QAM16	3706.75	-38.66	-13	PASS
Band4	20	20300	100	#0	QPSK	3876.40	-38.04	-13	PASS
Band4	20	20300	100	#0	QAM16	3805.08	-38.49	-13	PASS

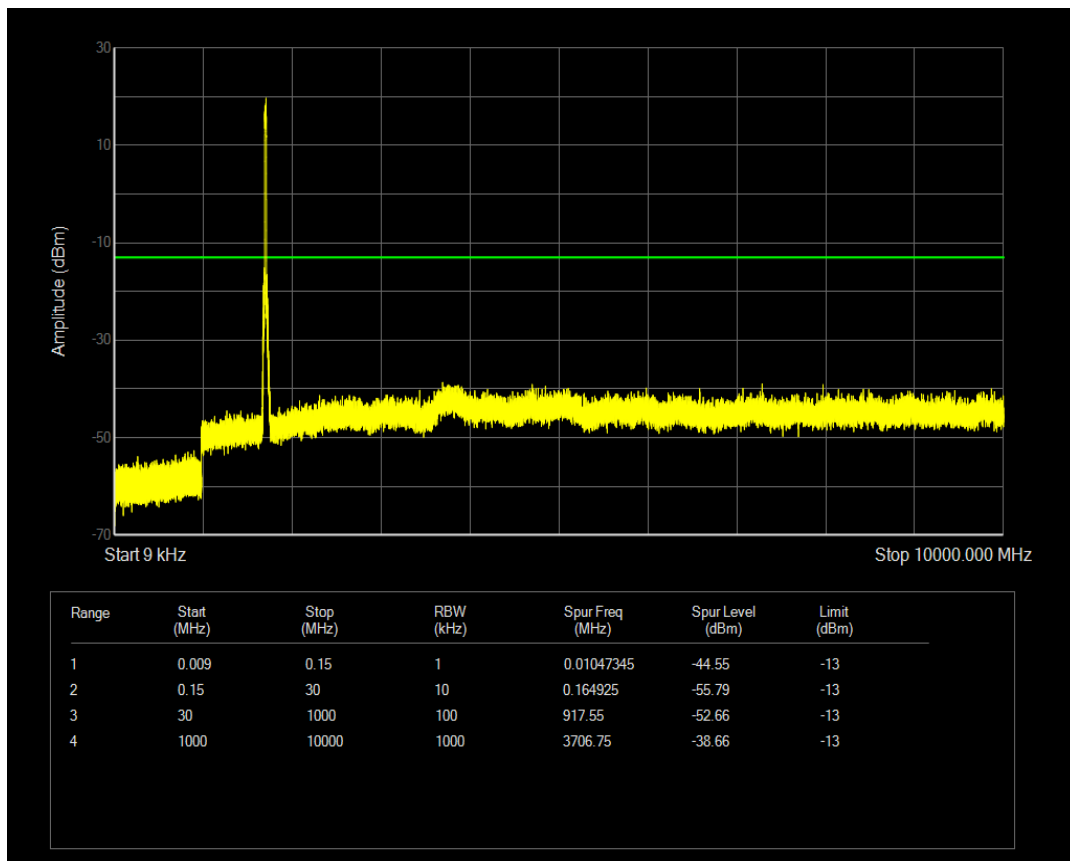
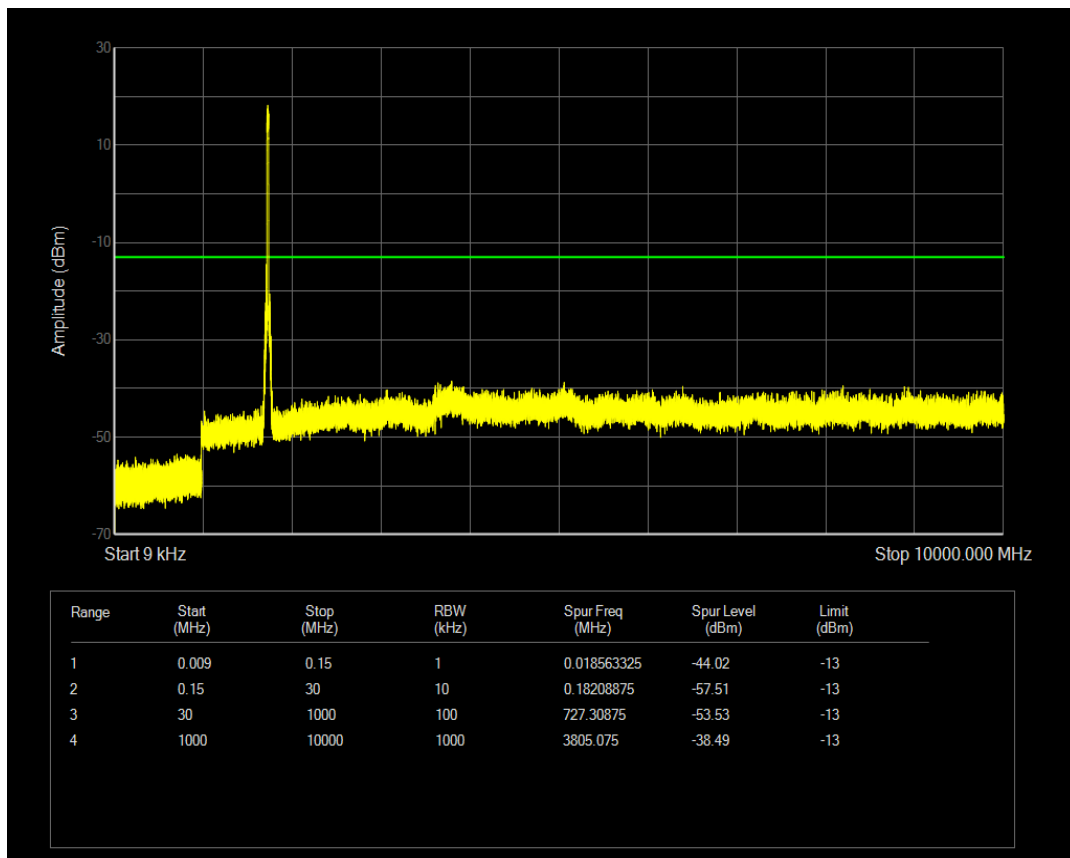
NOTE: out of band emissions above 10G is considered as background noise, so it is not reflected in the report

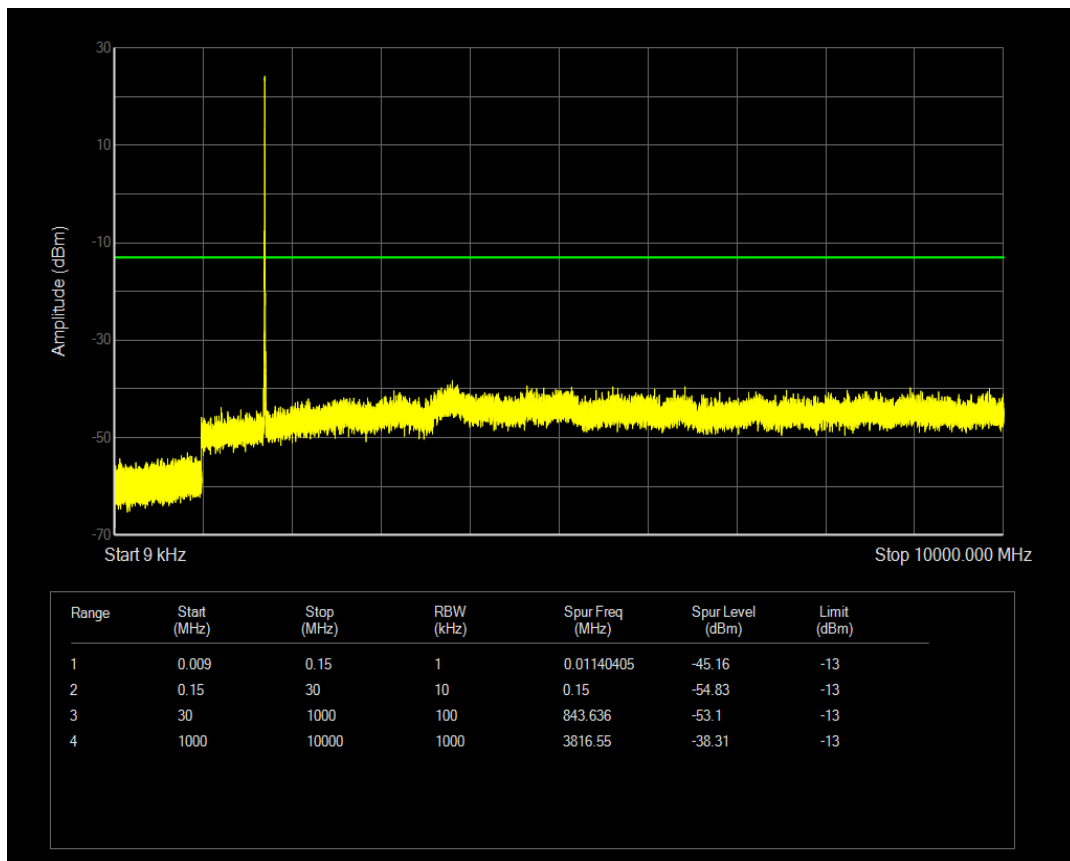
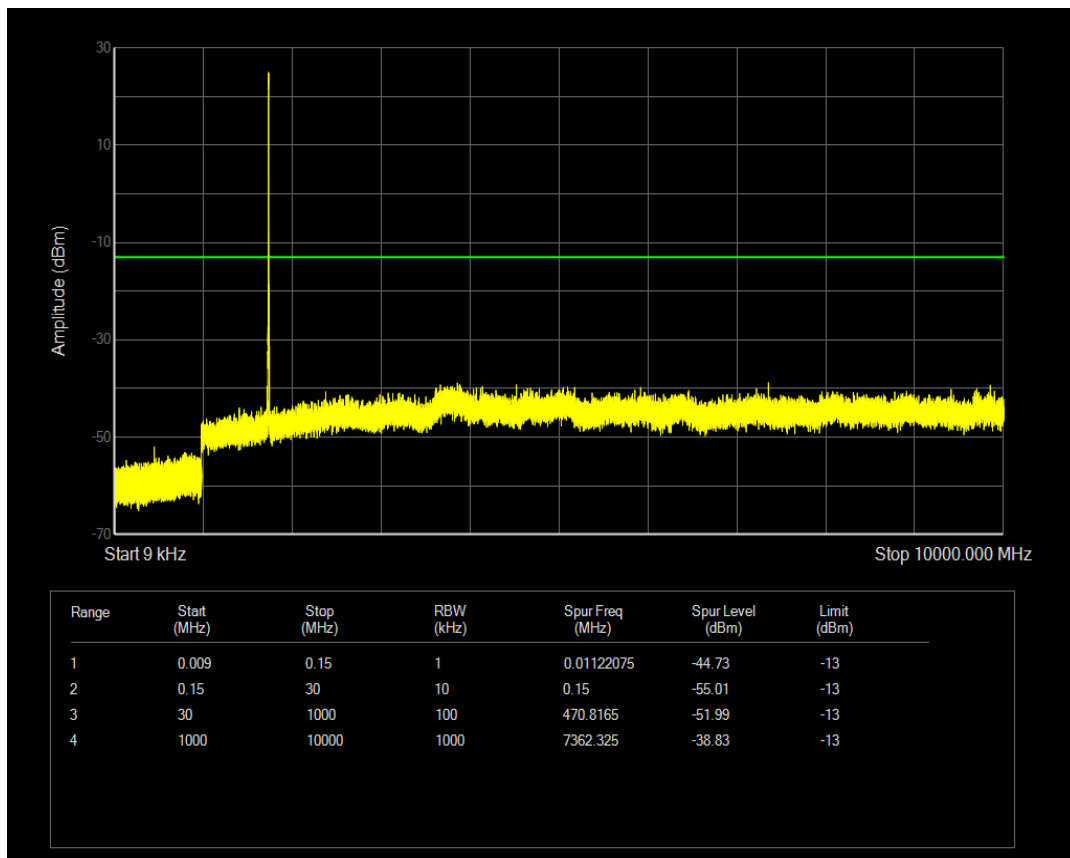
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0

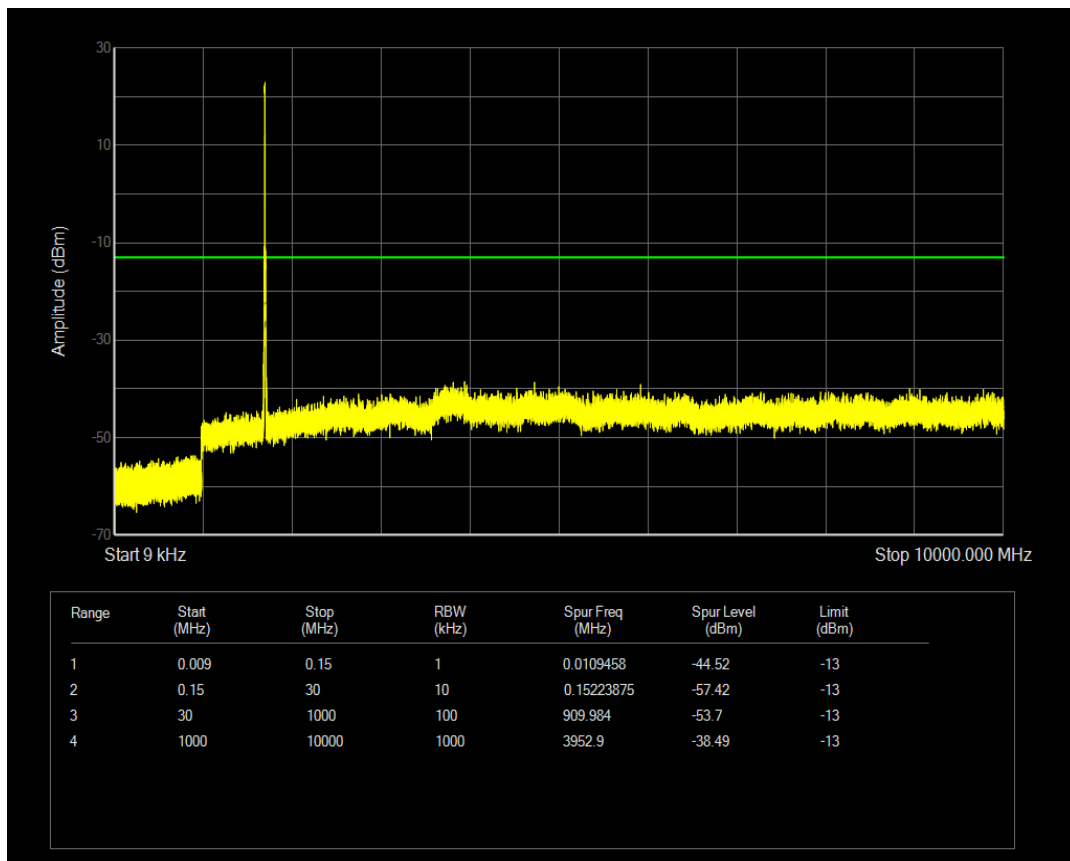
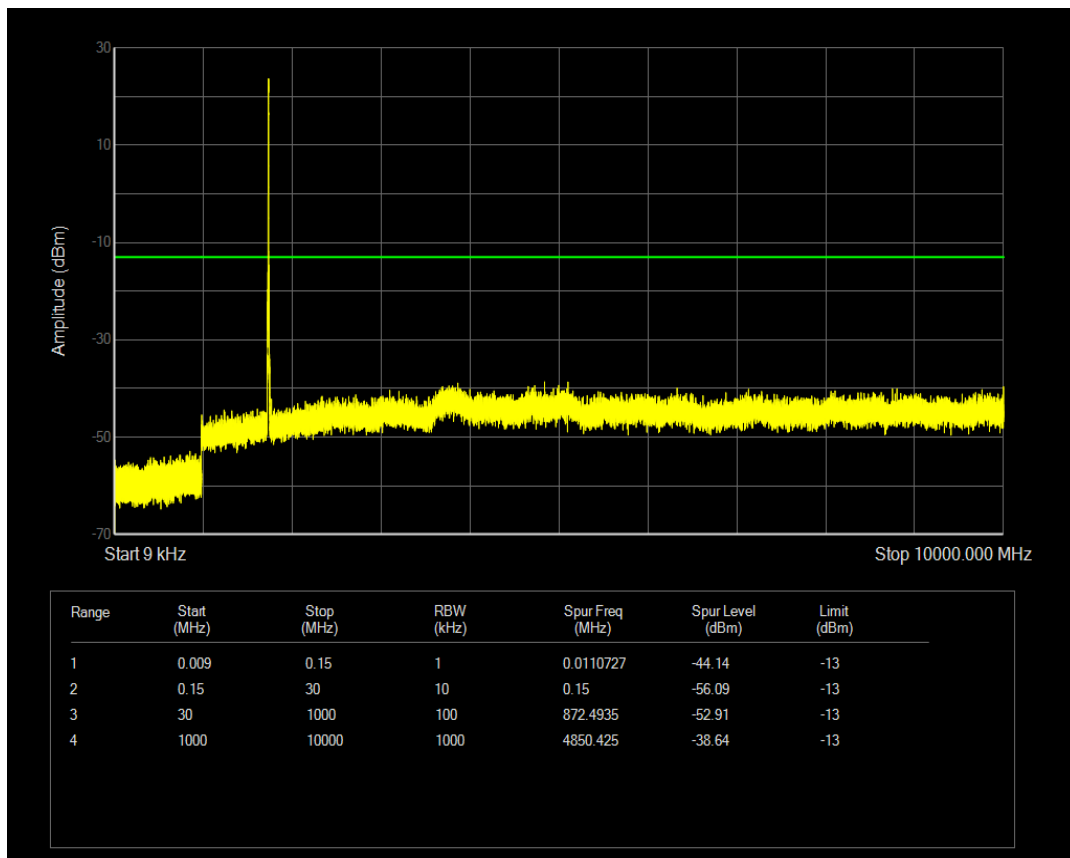
**Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0****Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0**

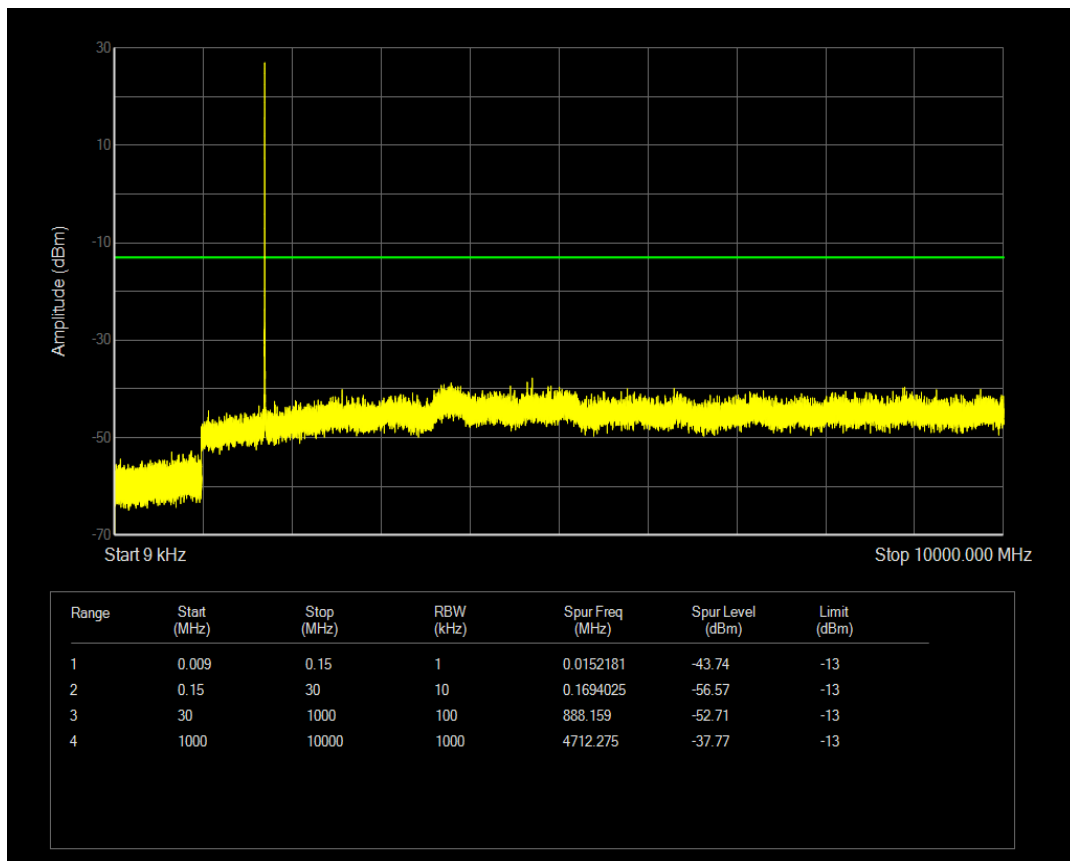
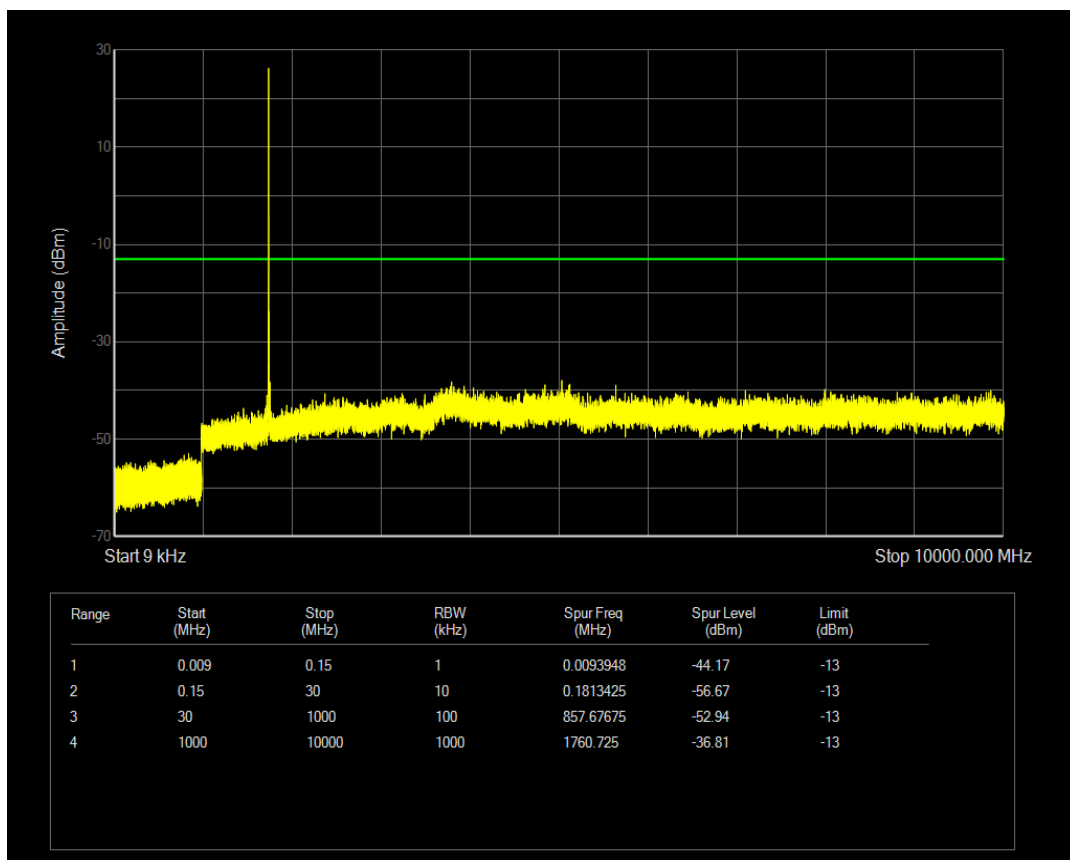
**Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0****Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0**

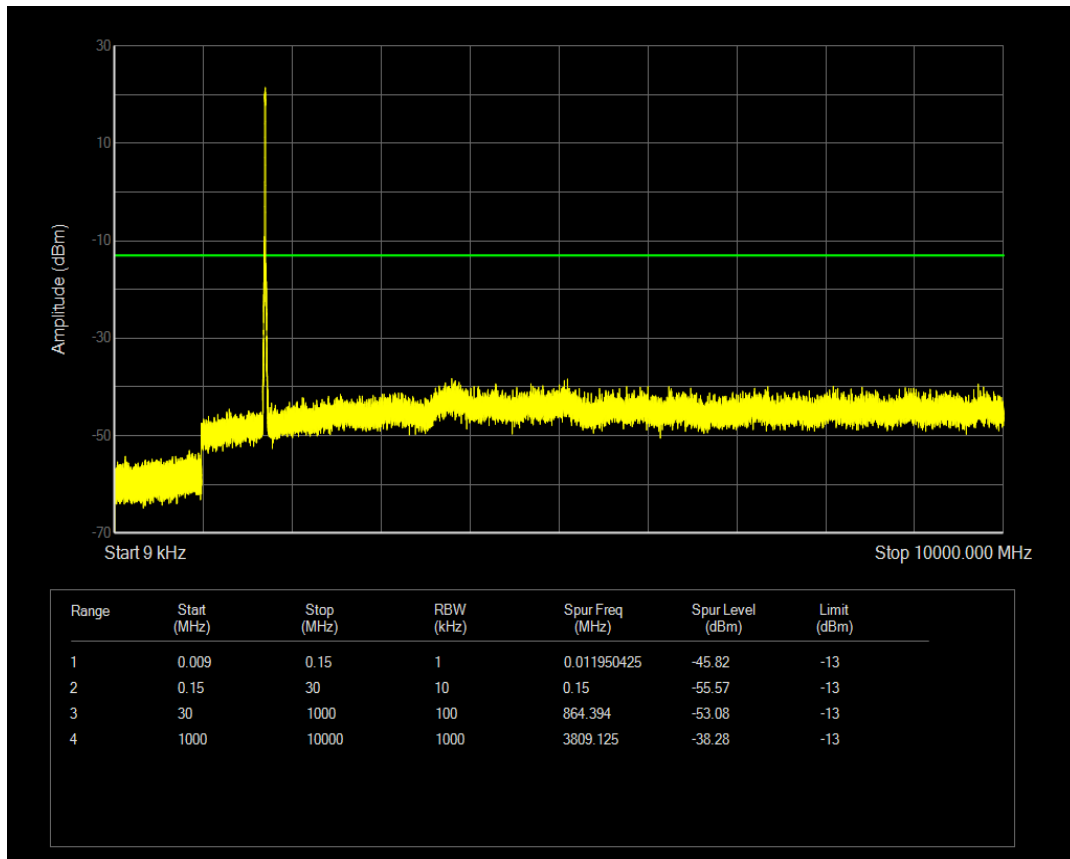
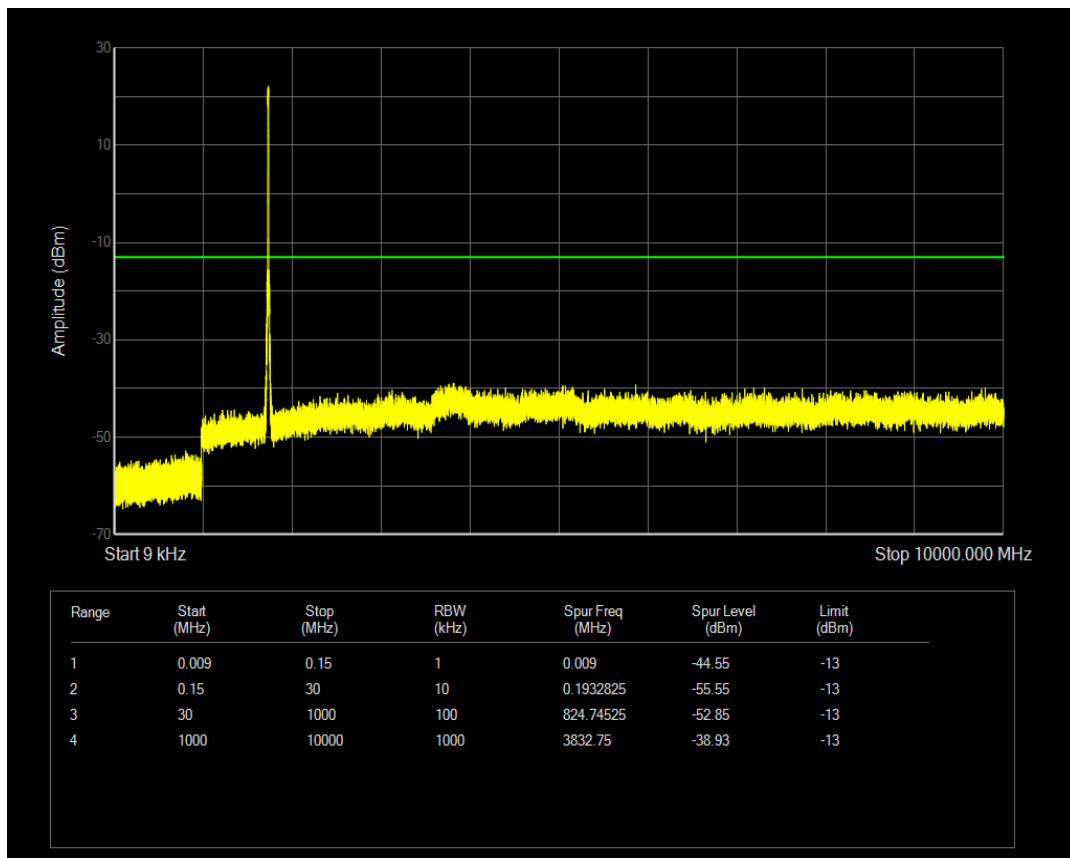
**Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0****Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0**

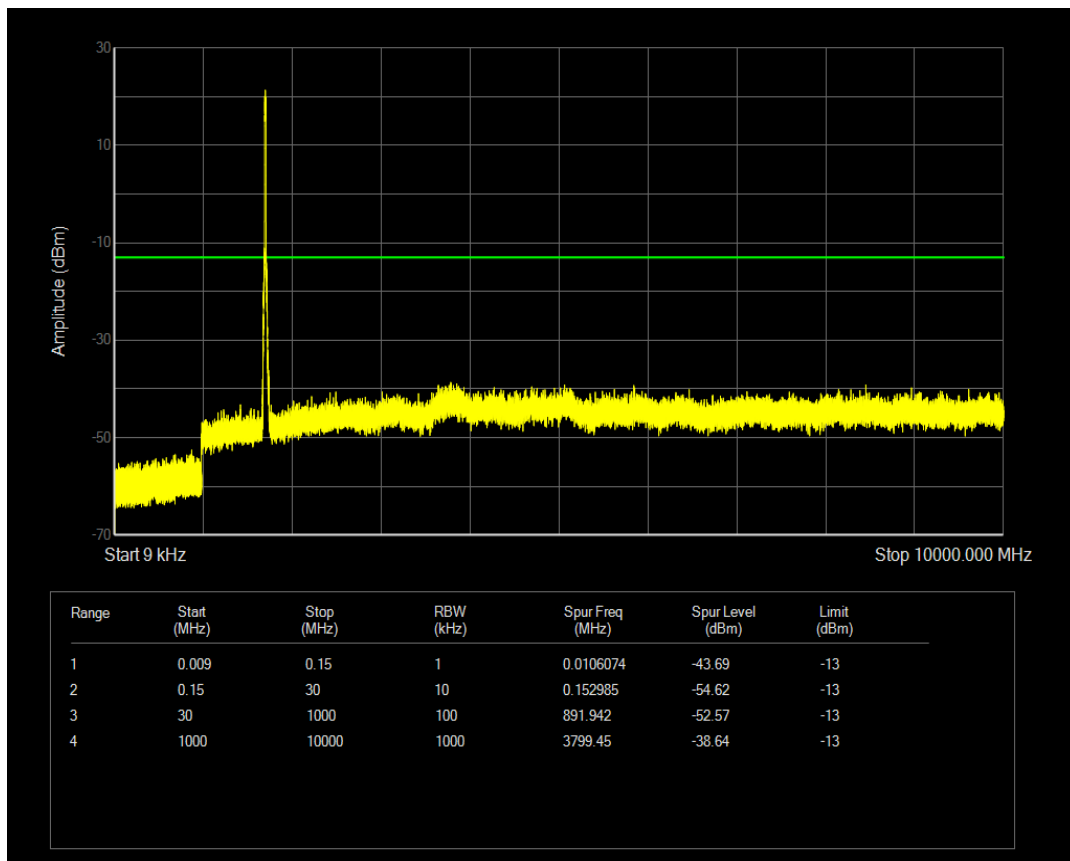
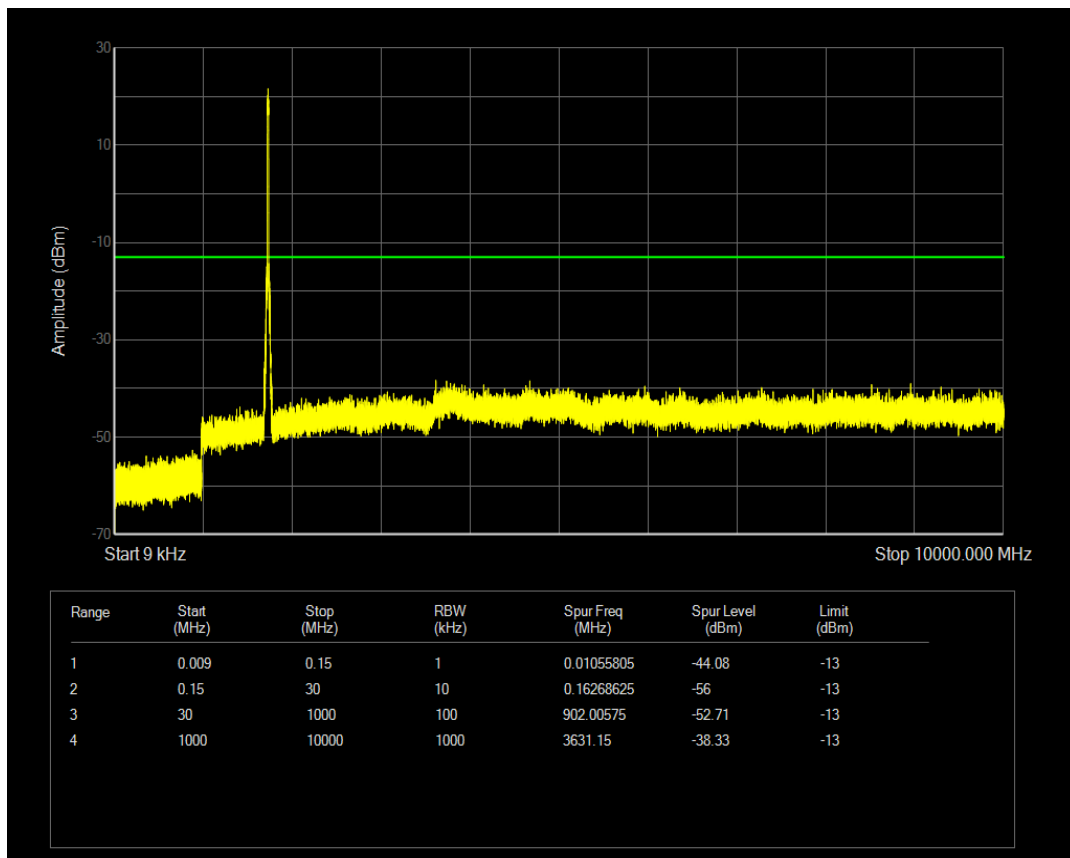
**Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0****Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0**

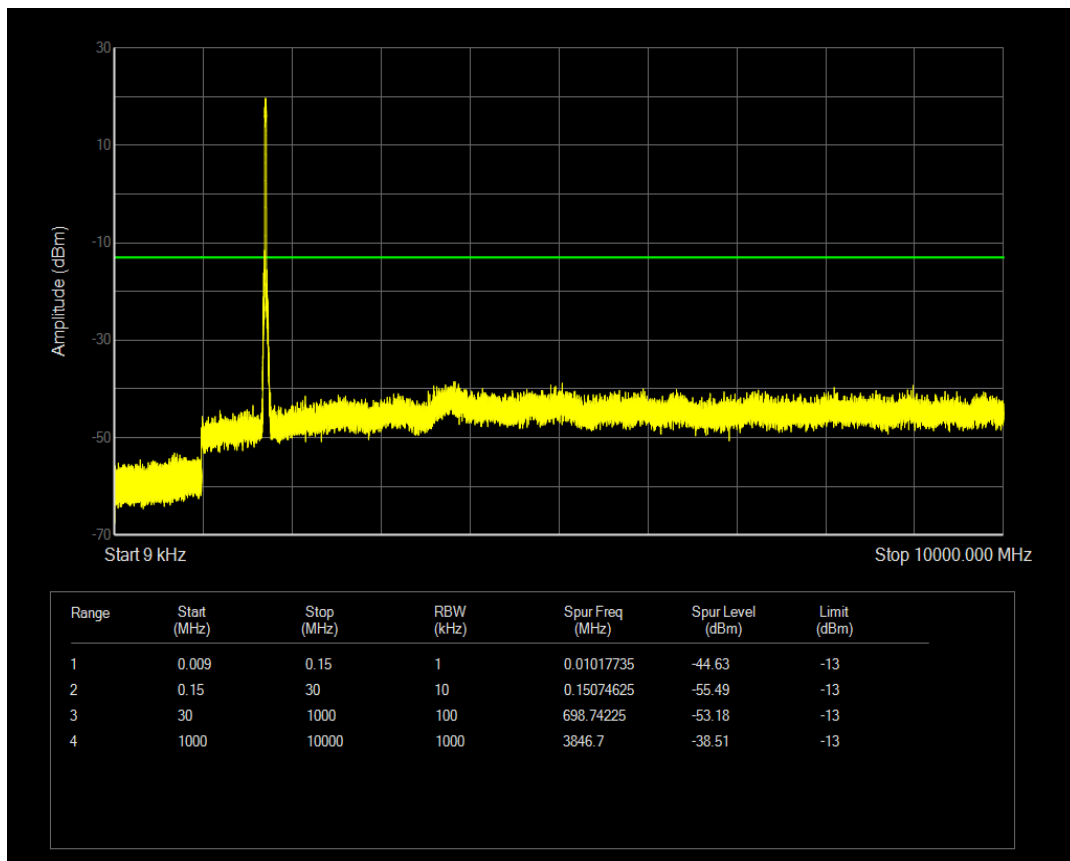
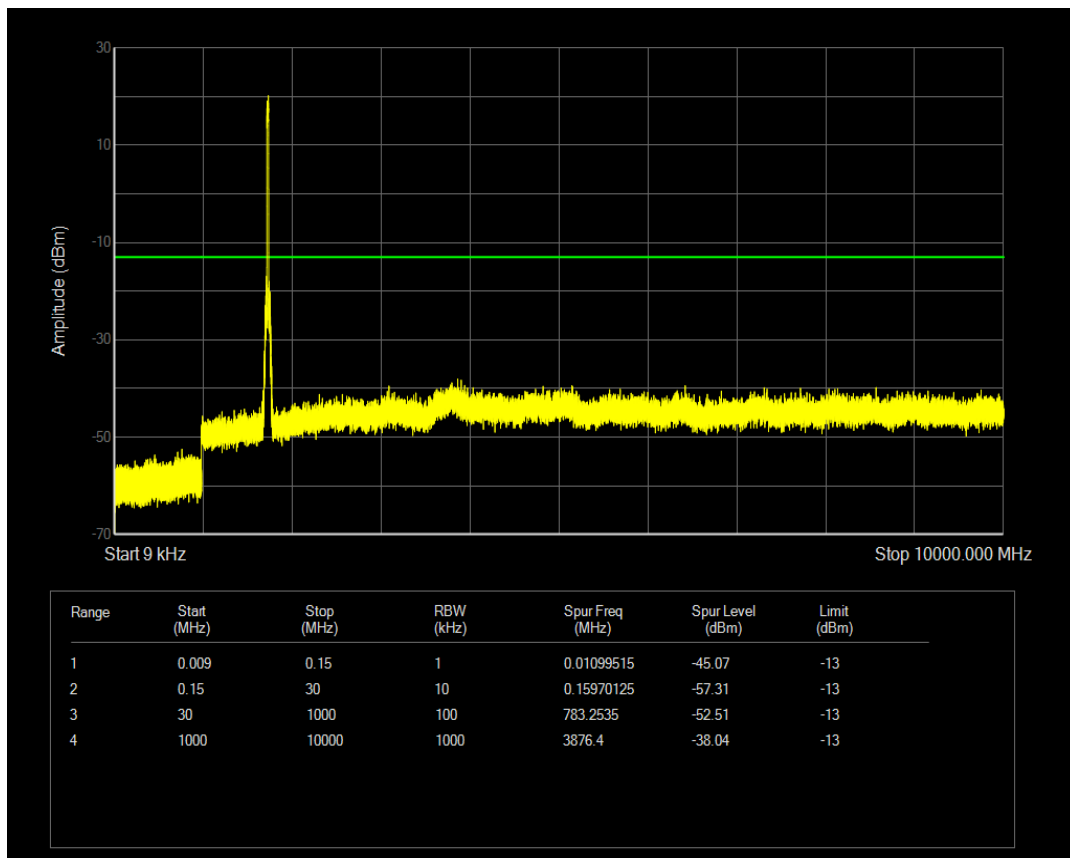
**Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0****Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0**

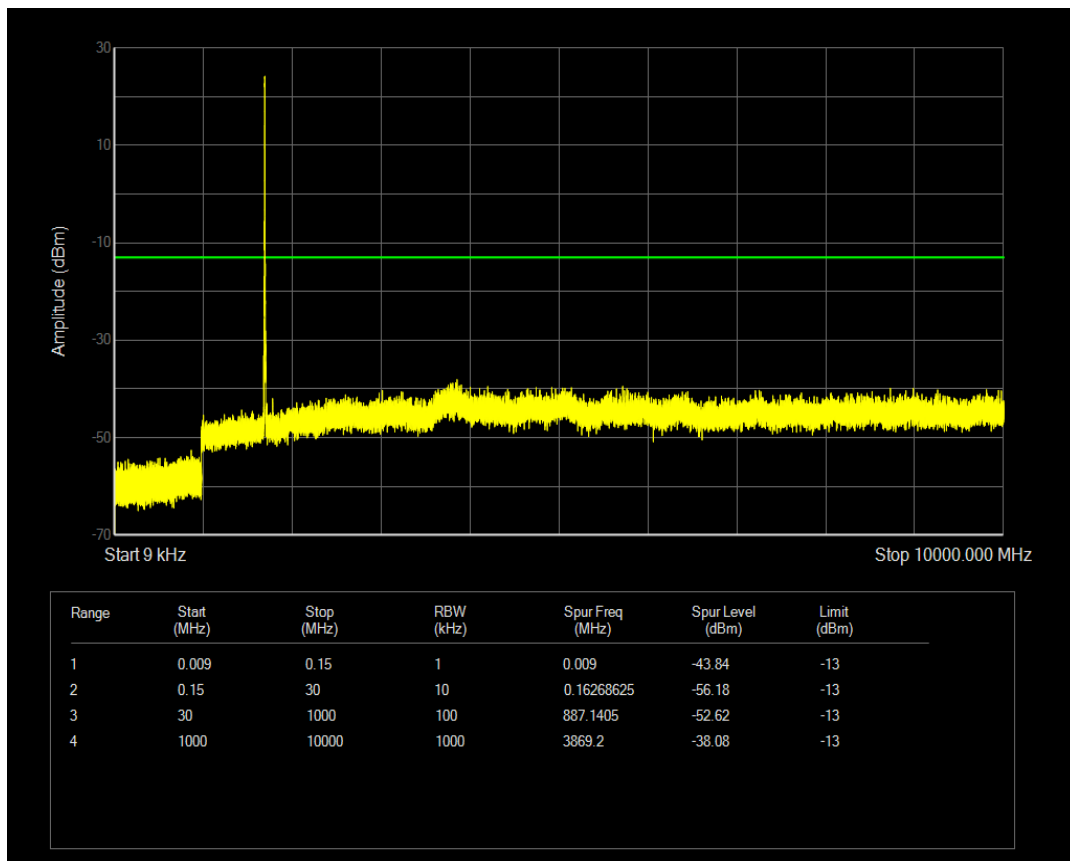
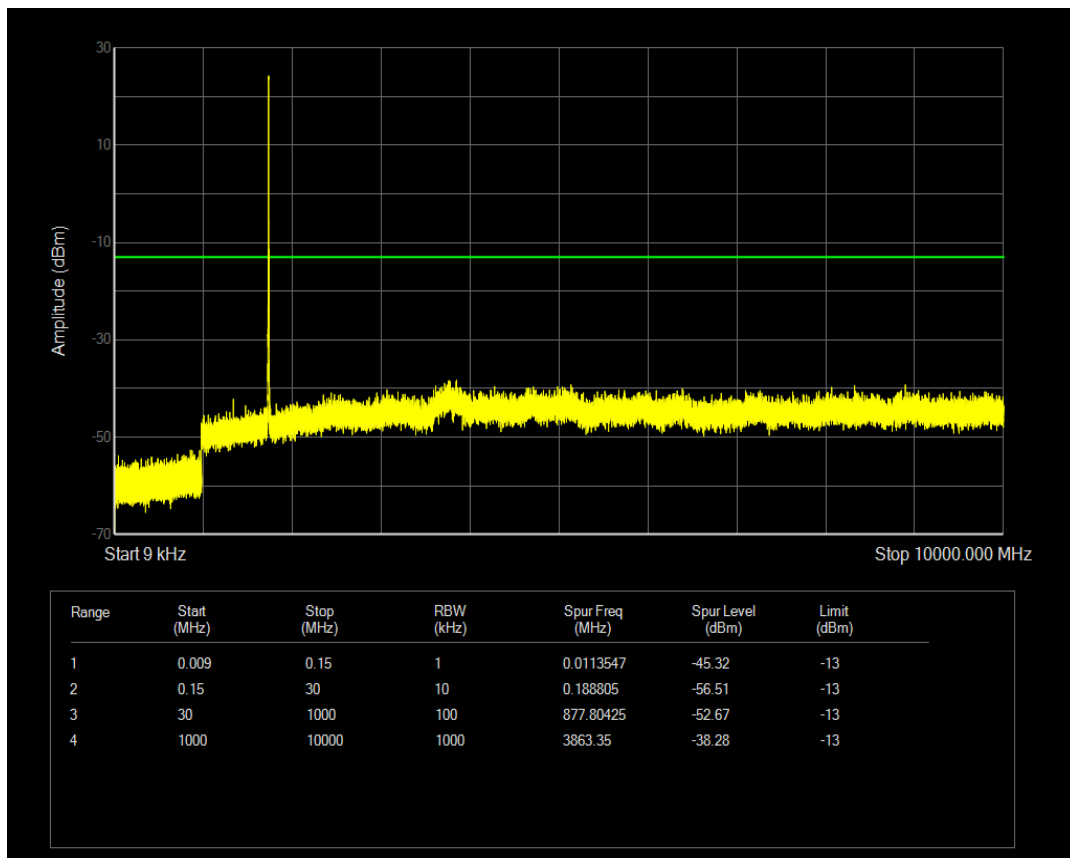
**Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0****Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0**

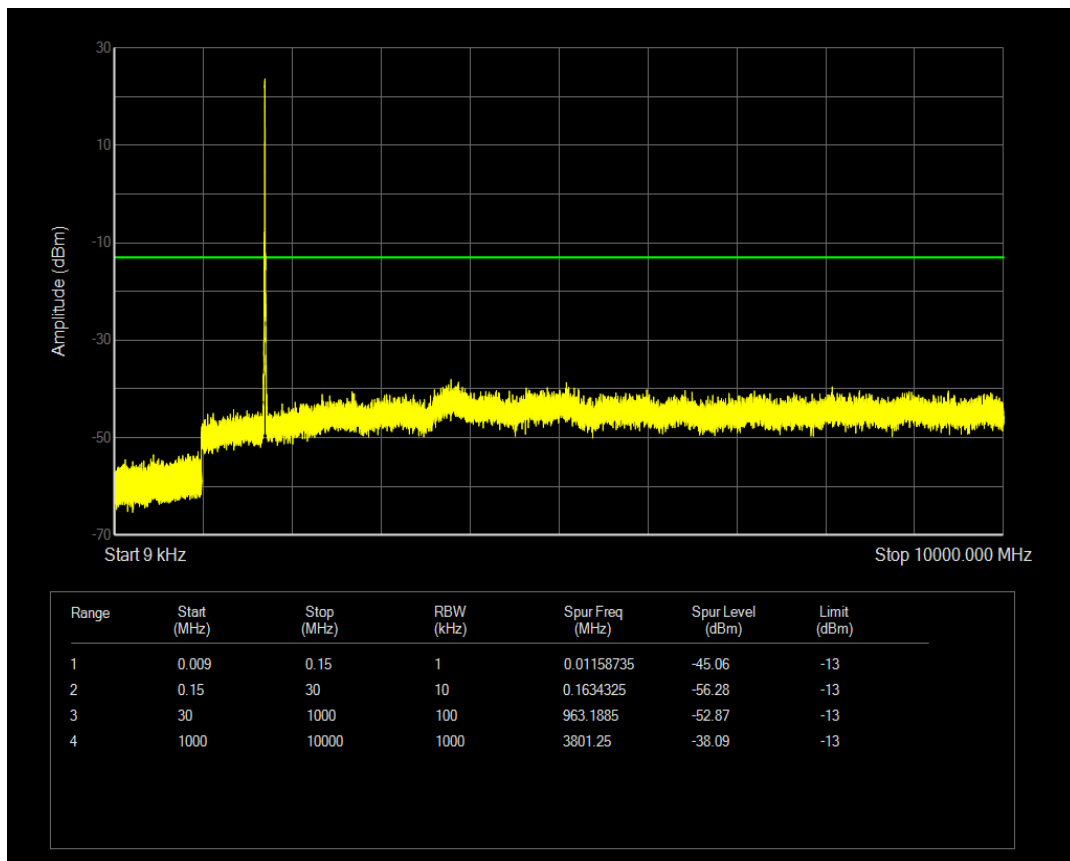
**Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0****Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0**

**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

