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### 1 Transmitter Radiated 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	24.03	-3.83	20.20	30.00	Pass
Band4	1.4	19957	1	#Mid	QPSK	24.02	-3.83	20.19	30.00	Pass
Band4	1.4	19957	1	#Max	QPSK	23.98	-3.83	20.15	30.00	Pass
Band4	1.4	19957	3	#0	QPSK	24.05	-3.83	20.22	30.00	Pass
Band4	1.4	19957	3	#Mid	QPSK	24.02	-3.83	20.19	30.00	Pass
Band4	1.4	19957	3	#Max	QPSK	24.03	-3.83	20.20	30.00	Pass
Band4	1.4	19957	6	#0	QPSK	23.04	-3.83	19.21	30.00	Pass
Band4	1.4	19957	1	#0	QAM16	23.28	-3.83	19.45	30.00	Pass
Band4	1.4	19957	1	#Mid	QAM16	23.3	-3.83	19.47	30.00	Pass
Band4	1.4	19957	1	#Max	QAM16	23.29	-3.83	19.46	30.00	Pass
Band4	1.4	19957	3	#0	QAM16	23.24	-3.83	19.41	30.00	Pass
Band4	1.4	19957	3	#Mid	QAM16	23.26	-3.83	19.43	30.00	Pass
Band4	1.4	19957	3	#Max	QAM16	23.24	-3.83	19.41	30.00	Pass
Band4	1.4	19957	6	#0	QAM16	22.23	-3.83	18.40	30.00	Pass
Band4	1.4	20175	1	#0	QPSK	24.24	-3.83	20.41	30.00	Pass
Band4	1.4	20175	1	#Mid	QPSK	24.28	-3.83	20.45	30.00	Pass
Band4	1.4	20175	1	#Max	QPSK	24.23	-3.83	20.40	30.00	Pass
Band4	1.4	20175	3	#0	QPSK	24.2	-3.83	20.37	30.00	Pass
Band4	1.4	20175	3	#Mid	QPSK	24.23	-3.83	20.40	30.00	Pass
Band4	1.4	20175	3	#Max	QPSK	24.17	-3.83	20.34	30.00	Pass
Band4	1.4	20175	6	#0	QPSK	23.22	-3.83	19.39	30.00	Pass
Band4	1.4	20175	1	#0	QAM16	23.17	-3.83	19.34	30.00	Pass
Band4	1.4	20175	1	#Mid	QAM16	23.18	-3.83	19.35	30.00	Pass
Band4	1.4	20175	1	#Max	QAM16	23.15	-3.83	19.32	30.00	Pass
Band4	1.4	20175	3	#0	QAM16	23.36	-3.83	19.53	30.00	Pass
Band4	1.4	20175	3	#Mid	QAM16	23.37	-3.83	19.54	30.00	Pass
Band4	1.4	20175	3	#Max	QAM16	23.34	-3.83	19.51	30.00	Pass
Band4	1.4	20175	6	#0	QAM16	22.36	-3.83	18.53	30.00	Pass
Band4	1.4	20393	1	#0	QPSK	24.63	-3.83	20.80	30.00	Pass
Band4	1.4	20393	1	#Mid	QPSK	24.66	-3.83	20.83	30.00	Pass
Band4	1.4	20393	1	#Max	QPSK	24.65	-3.83	20.82	30.00	Pass
Band4	1.4	20393	3	#0	QPSK	24.59	-3.83	20.76	30.00	Pass
Band4	1.4	20393	3	#Mid	QPSK	24.59	-3.83	20.76	30.00	Pass
Band4	1.4	20393	3	#Max	QPSK	24.61	-3.83	20.78	30.00	Pass
Band4	1.4	20393	6	#0	QPSK	23.65	-3.83	19.82	30.00	Pass
Band4	1.4	20393	1	#0	QAM16	23.82	-3.83	19.99	30.00	Pass
Band4	1.4	20393	1	#Mid	QAM16	23.85	-3.83	20.02	30.00	Pass
Band4	1.4	20393	1	#Max	QAM16	23.82	-3.83	19.99	30.00	Pass
Band4	1.4	20393	3	#0	QAM16	23.86	-3.83	20.03	30.00	Pass

Band4	1.4	20393	3	#Mid	QAM16	23.86	-3.83	20.03	30.00	Pass
Band4	1.4	20393	3	#Max	QAM16	23.83	-3.83	20.00	30.00	Pass
Band4	1.4	20393	6	#0	QAM16	22.8	-3.83	18.97	30.00	Pass
Band4	3	19965	1	#0	QPSK	24.11	-3.83	20.28	30.00	Pass
Band4	3	19965	1	#Mid	QPSK	24.16	-3.83	20.33	30.00	Pass
Band4	3	19965	1	#Max	QPSK	24.1	-3.83	20.27	30.00	Pass
Band4	3	19965	8	#0	QPSK	23.05	-3.83	19.22	30.00	Pass
Band4	3	19965	8	#Mid	QPSK	23.04	-3.83	19.21	30.00	Pass
Band4	3	19965	8	#Max	QPSK	23.06	-3.83	19.23	30.00	Pass
Band4	3	19965	15	#0	QPSK	23.08	-3.83	19.25	30.00	Pass
Band4	3	19965	1	#0	QAM16	23.49	-3.83	19.66	30.00	Pass
Band4	3	19965	1	#Mid	QAM16	23.55	-3.83	19.72	30.00	Pass
Band4	3	19965	1	#Max	QAM16	23.56	-3.83	19.73	30.00	Pass
Band4	3	19965	8	#0	QAM16	22.13	-3.83	18.30	30.00	Pass
Band4	3	19965	8	#Mid	QAM16	22.14	-3.83	18.31	30.00	Pass
Band4	3	19965	8	#Max	QAM16	22.19	-3.83	18.36	30.00	Pass
Band4	3	19965	15	#0	QAM16	22.11	-3.83	18.28	30.00	Pass
Band4	3	20175	1	#0	QPSK	24.18	-3.83	20.35	30.00	Pass
Band4	3	20175	1	#Mid	QPSK	24.18	-3.83	20.35	30.00	Pass
Band4	3	20175	1	#Max	QPSK	24.17	-3.83	20.34	30.00	Pass
Band4	3	20175	8	#0	QPSK	23.24	-3.83	19.41	30.00	Pass
Band4	3	20175	8	#Mid	QPSK	23.16	-3.83	19.33	30.00	Pass
Band4	3	20175	8	#Max	QPSK	23.2	-3.83	19.37	30.00	Pass
Band4	3	20175	15	#0	QPSK	23.2	-3.83	19.37	30.00	Pass
Band4	3	20175	1	#0	QAM16	23.49	-3.83	19.66	30.00	Pass
Band4	3	20175	1	#Mid	QAM16	23.5	-3.83	19.67	30.00	Pass
Band4	3	20175	1	#Max	QAM16	23.42	-3.83	19.59	30.00	Pass
Band4	3	20175	8	#0	QAM16	22.26	-3.83	18.43	30.00	Pass
Band4	3	20175	8	#Mid	QAM16	22.21	-3.83	18.38	30.00	Pass
Band4	3	20175	8	#Max	QAM16	22.15	-3.83	18.32	30.00	Pass
Band4	3	20175	15	#0	QAM16	22.15	-3.83	18.32	30.00	Pass
Band4	3	20385	1	#0	QPSK	24.66	-3.83	20.83	30.00	Pass
Band4	3	20385	1	#Mid	QPSK	24.71	-3.83	20.88	30.00	Pass
Band4	3	20385	1	#Max	QPSK	24.69	-3.83	20.86	30.00	Pass
Band4	3	20385	8	#0	QPSK	23.6	-3.83	19.77	30.00	Pass
Band4	3	20385	8	#Mid	QPSK	23.6	-3.83	19.77	30.00	Pass
Band4	3	20385	8	#Max	QPSK	23.64	-3.83	19.81	30.00	Pass
Band4	3	20385	15	#0	QPSK	23.67	-3.83	19.84	30.00	Pass
Band4	3	20385	1	#0	QAM16	23.58	-3.83	19.75	30.00	Pass
Band4	3	20385	1	#Mid	QAM16	23.62	-3.83	19.79	30.00	Pass
Band4	3	20385	1	#Max	QAM16	23.61	-3.83	19.78	30.00	Pass
Band4	3	20385	8	#0	QAM16	22.69	-3.83	18.86	30.00	Pass
Band4	3	20385	8	#Mid	QAM16	22.63	-3.83	18.80	30.00	Pass
Band4	3	20385	8	#Max	QAM16	22.61	-3.83	18.78	30.00	Pass

Band4	3	20385	15	#0	QAM16	22.73	-3.83	18.90	30.00	Pass
Band4	5	19975	1	#0	QPSK	24.16	-3.83	20.33	30.00	Pass
Band4	5	19975	1	#Mid	QPSK	24.23	-3.83	20.40	30.00	Pass
Band4	5	19975	1	#Max	QPSK	24.32	-3.83	20.49	30.00	Pass
Band4	5	19975	12	#0	QPSK	23.06	-3.83	19.23	30.00	Pass
Band4	5	19975	12	#Mid	QPSK	23.11	-3.83	19.28	30.00	Pass
Band4	5	19975	12	#Max	QPSK	23.12	-3.83	19.29	30.00	Pass
Band4	5	19975	25	#0	QPSK	23.1	-3.83	19.27	30.00	Pass
Band4	5	19975	1	#0	QAM16	23.61	-3.83	19.78	30.00	Pass
Band4	5	19975	1	#Mid	QAM16	23.62	-3.83	19.79	30.00	Pass
Band4	5	19975	1	#Max	QAM16	23.69	-3.83	19.86	30.00	Pass
Band4	5	19975	12	#0	QAM16	22.04	-3.83	18.21	30.00	Pass
Band4	5	19975	12	#Mid	QAM16	22.05	-3.83	18.22	30.00	Pass
Band4	5	19975	12	#Max	QAM16	22.1	-3.83	18.27	30.00	Pass
Band4	5	19975	25	#0	QAM16	22.09	-3.83	18.26	30.00	Pass
Band4	5	20175	1	#0	QPSK	24.37	-3.83	20.54	30.00	Pass
Band4	5	20175	1	#Mid	QPSK	24.34	-3.83	20.51	30.00	Pass
Band4	5	20175	1	#Max	QPSK	24.36	-3.83	20.53	30.00	Pass
Band4	5	20175	12	#0	QPSK	23.21	-3.83	19.38	30.00	Pass
Band4	5	20175	12	#Mid	QPSK	23.23	-3.83	19.40	30.00	Pass
Band4	5	20175	12	#Max	QPSK	23.18	-3.83	19.35	30.00	Pass
Band4	5	20175	25	#0	QPSK	23.23	-3.83	19.40	30.00	Pass
Band4	5	20175	1	#0	QAM16	23.78	-3.83	19.95	30.00	Pass
Band4	5	20175	1	#Mid	QAM16	23.73	-3.83	19.90	30.00	Pass
Band4	5	20175	1	#Max	QAM16	23.69	-3.83	19.86	30.00	Pass
Band4	5	20175	12	#0	QAM16	22.16	-3.83	18.33	30.00	Pass
Band4	5	20175	12	#Mid	QAM16	22.13	-3.83	18.30	30.00	Pass
Band4	5	20175	12	#Max	QAM16	22.08	-3.83	18.25	30.00	Pass
Band4	5	20175	25	#0	QAM16	22.23	-3.83	18.40	30.00	Pass
Band4	5	20375	1	#0	QPSK	24.6	-3.83	20.77	30.00	Pass
Band4	5	20375	1	#Mid	QPSK	24.63	-3.83	20.80	30.00	Pass
Band4	5	20375	1	#Max	QPSK	24.68	-3.83	20.85	30.00	Pass
Band4	5	20375	12	#0	QPSK	23.61	-3.83	19.78	30.00	Pass
Band4	5	20375	12	#Mid	QPSK	23.67	-3.83	19.84	30.00	Pass
Band4	5	20375	12	#Max	QPSK	23.63	-3.83	19.80	30.00	Pass
Band4	5	20375	25	#0	QPSK	23.67	-3.83	19.84	30.00	Pass
Band4	5	20375	1	#0	QAM16	23.97	-3.83	20.14	30.00	Pass
Band4	5	20375	1	#Mid	QAM16	24.01	-3.83	20.18	30.00	Pass
Band4	5	20375	1	#Max	QAM16	24.02	-3.83	20.19	30.00	Pass
Band4	5	20375	12	#0	QAM16	22.68	-3.83	18.85	30.00	Pass
Band4	5	20375	12	#Mid	QAM16	22.68	-3.83	18.85	30.00	Pass
Band4	5	20375	12	#Max	QAM16	22.65	-3.83	18.82	30.00	Pass
Band4	5	20375	25	#0	QAM16	22.62	-3.83	18.79	30.00	Pass
Band4	10	20000	1	#0	QPSK	24.12	-3.83	20.29	30.00	Pass

Band4	10	20000	1	#Mid	QPSK	24.3	-3.83	20.47	30.00	Pass
Band4	10	20000	1	#Max	QPSK	24.34	-3.83	20.51	30.00	Pass
Band4	10	20000	25	#0	QPSK	23.11	-3.83	19.28	30.00	Pass
Band4	10	20000	25	#Mid	QPSK	23.2	-3.83	19.37	30.00	Pass
Band4	10	20000	25	#Max	QPSK	23.3	-3.83	19.47	30.00	Pass
Band4	10	20000	50	#0	QPSK	23.22	-3.83	19.39	30.00	Pass
Band4	10	20000	1	#0	QAM16	23.55	-3.83	19.72	30.00	Pass
Band4	10	20000	1	#Mid	QAM16	23.69	-3.83	19.86	30.00	Pass
Band4	10	20000	1	#Max	QAM16	23.78	-3.83	19.95	30.00	Pass
Band4	10	20000	25	#0	QAM16	22.13	-3.83	18.30	30.00	Pass
Band4	10	20000	25	#Mid	QAM16	22.23	-3.83	18.40	30.00	Pass
Band4	10	20000	25	#Max	QAM16	22.29	-3.83	18.46	30.00	Pass
Band4	10	20000	50	#0	QAM16	22.19	-3.83	18.36	30.00	Pass
Band4	10	20175	1	#0	QPSK	24.28	-3.83	20.45	30.00	Pass
Band4	10	20175	1	#Mid	QPSK	24.26	-3.83	20.43	30.00	Pass
Band4	10	20175	1	#Max	QPSK	24.2	-3.83	20.37	30.00	Pass
Band4	10	20175	25	#0	QPSK	23.29	-3.83	19.46	30.00	Pass
Band4	10	20175	25	#Mid	QPSK	23.24	-3.83	19.41	30.00	Pass
Band4	10	20175	25	#Max	QPSK	23.19	-3.83	19.36	30.00	Pass
Band4	10	20175	50	#0	QPSK	23.26	-3.83	19.43	30.00	Pass
Band4	10	20175	1	#0	QAM16	23.49	-3.83	19.66	30.00	Pass
Band4	10	20175	1	#Mid	QAM16	23.52	-3.83	19.69	30.00	Pass
Band4	10	20175	1	#Max	QAM16	23.42	-3.83	19.59	30.00	Pass
Band4	10	20175	25	#0	QAM16	22.28	-3.83	18.45	30.00	Pass
Band4	10	20175	25	#Mid	QAM16	22.2	-3.83	18.37	30.00	Pass
Band4	10	20175	25	#Max	QAM16	22.18	-3.83	18.35	30.00	Pass
Band4	10	20175	50	#0	QAM16	22.25	-3.83	18.42	30.00	Pass
Band4	10	20350	1	#0	QPSK	24.52	-3.83	20.69	30.00	Pass
Band4	10	20350	1	#Mid	QPSK	24.7	-3.83	20.87	30.00	Pass
Band4	10	20350	1	#Max	QPSK	24.74	-3.83	20.91	30.00	Pass
Band4	10	20350	25	#0	QPSK	23.52	-3.83	19.69	30.00	Pass
Band4	10	20350	25	#Mid	QPSK	23.6	-3.83	19.77	30.00	Pass
Band4	10	20350	25	#Max	QPSK	23.63	-3.83	19.80	30.00	Pass
Band4	10	20350	50	#0	QPSK	23.59	-3.83	19.76	30.00	Pass
Band4	10	20350	1	#0	QAM16	23.44	-3.83	19.61	30.00	Pass
Band4	10	20350	1	#Mid	QAM16	23.5	-3.83	19.67	30.00	Pass
Band4	10	20350	1	#Max	QAM16	23.61	-3.83	19.78	30.00	Pass
Band4	10	20350	25	#0	QAM16	22.54	-3.83	18.71	30.00	Pass
Band4	10	20350	25	#Mid	QAM16	22.58	-3.83	18.75	30.00	Pass
Band4	10	20350	25	#Max	QAM16	22.62	-3.83	18.79	30.00	Pass
Band4	10	20350	50	#0	QAM16	22.56	-3.83	18.73	30.00	Pass
Band4	15	20025	1	#0	QPSK	24.12	-3.83	20.29	30.00	Pass
Band4	15	20025	1	#Mid	QPSK	24.39	-3.83	20.56	30.00	Pass
Band4	15	20025	1	#Max	QPSK	24.34	-3.83	20.51	30.00	Pass

Band4	15	20025	36	#0	QPSK	23.12	-3.83	19.29	30.00	Pass
Band4	15	20025	36	#Mid	QPSK	23.25	-3.83	19.42	30.00	Pass
Band4	15	20025	36	#Max	QPSK	23.3	-3.83	19.47	30.00	Pass
Band4	15	20025	75	#0	QPSK	23.26	-3.83	19.43	30.00	Pass
Band4	15	20025	1	#0	QAM16	23.58	-3.83	19.75	30.00	Pass
Band4	15	20025	1	#Mid	QAM16	23.77	-3.83	19.94	30.00	Pass
Band4	15	20025	1	#Max	QAM16	23.81	-3.83	19.98	30.00	Pass
Band4	15	20025	36	#0	QAM16	22.2	-3.83	18.37	30.00	Pass
Band4	15	20025	36	#Mid	QAM16	22.29	-3.83	18.46	30.00	Pass
Band4	15	20025	36	#Max	QAM16	22.28	-3.83	18.45	30.00	Pass
Band4	15	20025	75	#0	QAM16	22.25	-3.83	18.42	30.00	Pass
Band4	15	20175	1	#0	QPSK	24.21	-3.83	20.38	30.00	Pass
Band4	15	20175	1	#Mid	QPSK	24.22	-3.83	20.39	30.00	Pass
Band4	15	20175	1	#Max	QPSK	24.19	-3.83	20.36	30.00	Pass
Band4	15	20175	36	#0	QPSK	23.25	-3.83	19.42	30.00	Pass
Band4	15	20175	36	#Mid	QPSK	23.24	-3.83	19.41	30.00	Pass
Band4	15	20175	36	#Max	QPSK	23.21	-3.83	19.38	30.00	Pass
Band4	15	20175	75	#0	QPSK	23.26	-3.83	19.43	30.00	Pass
Band4	15	20175	1	#0	QAM16	23.48	-3.83	19.65	30.00	Pass
Band4	15	20175	1	#Mid	QAM16	23.56	-3.83	19.73	30.00	Pass
Band4	15	20175	1	#Max	QAM16	23.44	-3.83	19.61	30.00	Pass
Band4	15	20175	36	#0	QAM16	22.26	-3.83	18.43	30.00	Pass
Band4	15	20175	36	#Mid	QAM16	22.28	-3.83	18.45	30.00	Pass
Band4	15	20175	36	#Max	QAM16	22.26	-3.83	18.43	30.00	Pass
Band4	15	20175	75	#0	QAM16	22.2	-3.83	18.37	30.00	Pass
Band4	15	20325	1	#0	QPSK	24.46	-3.83	20.63	30.00	Pass
Band4	15	20325	1	#Mid	QPSK	24.68	-3.83	20.85	30.00	Pass
Band4	15	20325	1	#Max	QPSK	24.76	-3.83	20.93	30.00	Pass
Band4	15	20325	36	#0	QPSK	23.44	-3.83	19.61	30.00	Pass
Band4	15	20325	36	#Mid	QPSK	23.56	-3.83	19.73	30.00	Pass
Band4	15	20325	36	#Max	QPSK	23.63	-3.83	19.80	30.00	Pass
Band4	15	20325	75	#0	QPSK	23.57	-3.83	19.74	30.00	Pass
Band4	15	20325	1	#0	QAM16	23.46	-3.83	19.63	30.00	Pass
Band4	15	20325	1	#Mid	QAM16	23.73	-3.83	19.90	30.00	Pass
Band4	15	20325	1	#Max	QAM16	23.77	-3.83	19.94	30.00	Pass
Band4	15	20325	36	#0	QAM16	22.41	-3.83	18.58	30.00	Pass
Band4	15	20325	36	#Mid	QAM16	22.51	-3.83	18.68	30.00	Pass
Band4	15	20325	36	#Max	QAM16	22.59	-3.83	18.76	30.00	Pass
Band4	15	20325	75	#0	QAM16	22.57	-3.83	18.74	30.00	Pass
Band4	20	20050	1	#0	QPSK	24.17	-3.83	20.34	30.00	Pass
Band4	20	20050	1	#Mid	QPSK	24.41	-3.83	20.58	30.00	Pass
Band4	20	20050	1	#Max	QPSK	24.41	-3.83	20.58	30.00	Pass
Band4	20	20050	50	#0	QPSK	23.29	-3.83	19.46	30.00	Pass
Band4	20	20050	50	#Mid	QPSK	23.31	-3.83	19.48	30.00	Pass

Band4	20	20050	50	#Max	QPSK	23.3	-3.83	19.47	30.00	Pass
Band4	20	20050	100	#0	QPSK	23.27	-3.83	19.44	30.00	Pass
Band4	20	20050	1	#0	QAM16	23.59	-3.83	19.76	30.00	Pass
Band4	20	20050	1	#Mid	QAM16	23.84	-3.83	20.01	30.00	Pass
Band4	20	20050	1	#Max	QAM16	23.81	-3.83	19.98	30.00	Pass
Band4	20	20050	50	#0	QAM16	22.29	-3.83	18.46	30.00	Pass
Band4	20	20050	50	#Mid	QAM16	22.32	-3.83	18.49	30.00	Pass
Band4	20	20050	50	#Max	QAM16	22.32	-3.83	18.49	30.00	Pass
Band4	20	20050	100	#0	QAM16	22.27	-3.83	18.44	30.00	Pass
Band4	20	20175	1	#0	QPSK	24.41	-3.83	20.58	30.00	Pass
Band4	20	20175	1	#Mid	QPSK	24.4	-3.83	20.57	30.00	Pass
Band4	20	20175	1	#Max	QPSK	24.41	-3.83	20.58	30.00	Pass
Band4	20	20175	50	#0	QPSK	23.34	-3.83	19.51	30.00	Pass
Band4	20	20175	50	#Mid	QPSK	23.3	-3.83	19.47	30.00	Pass
Band4	20	20175	50	#Max	QPSK	23.29	-3.83	19.46	30.00	Pass
Band4	20	20175	100	#0	QPSK	23.28	-3.83	19.45	30.00	Pass
Band4	20	20175	1	#0	QAM16	23.62	-3.83	19.79	30.00	Pass
Band4	20	20175	1	#Mid	QAM16	23.58	-3.83	19.75	30.00	Pass
Band4	20	20175	1	#Max	QAM16	23.63	-3.83	19.80	30.00	Pass
Band4	20	20175	50	#0	QAM16	22.27	-3.83	18.44	30.00	Pass
Band4	20	20175	50	#Mid	QAM16	22.26	-3.83	18.43	30.00	Pass
Band4	20	20175	50	#Max	QAM16	22.24	-3.83	18.41	30.00	Pass
Band4	20	20175	100	#0	QAM16	22.25	-3.83	18.42	30.00	Pass
Band4	20	20300	1	#0	QPSK	24.18	-3.83	20.35	30.00	Pass
Band4	20	20300	1	#Mid	QPSK	24.45	-3.83	20.62	30.00	Pass
Band4	20	20300	1	#Max	QPSK	24.59	-3.83	20.76	30.00	Pass
Band4	20	20300	50	#0	QPSK	23.41	-3.83	19.58	30.00	Pass
Band4	20	20300	50	#Mid	QPSK	23.54	-3.83	19.71	30.00	Pass
Band4	20	20300	50	#Max	QPSK	23.61	-3.83	19.78	30.00	Pass
Band4	20	20300	100	#0	QPSK	23.5	-3.83	19.67	30.00	Pass
Band4	20	20300	1	#0	QAM16	23.57	-3.83	19.74	30.00	Pass
Band4	20	20300	1	#Mid	QAM16	23.8	-3.83	19.97	30.00	Pass
Band4	20	20300	1	#Max	QAM16	23.99	-3.83	20.16	30.00	Pass
Band4	20	20300	50	#0	QAM16	22.39	-3.83	18.56	30.00	Pass
Band4	20	20300	50	#Mid	QAM16	22.55	-3.83	18.72	30.00	Pass
Band4	20	20300	50	#Max	QAM16	22.61	-3.83	18.78	30.00	Pass
Band4	20	20300	100	#0	QAM16	22.5	-3.83	18.67	30.00	Pass

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

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band4	20	20050	100	#0	QPSK	-2.46	-0.001	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	0.40	0.000	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	-1.98	-0.001	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	-1.94	-0.001	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	3.41	0.002	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	2.88	0.002	-2.5	2.5	PASS

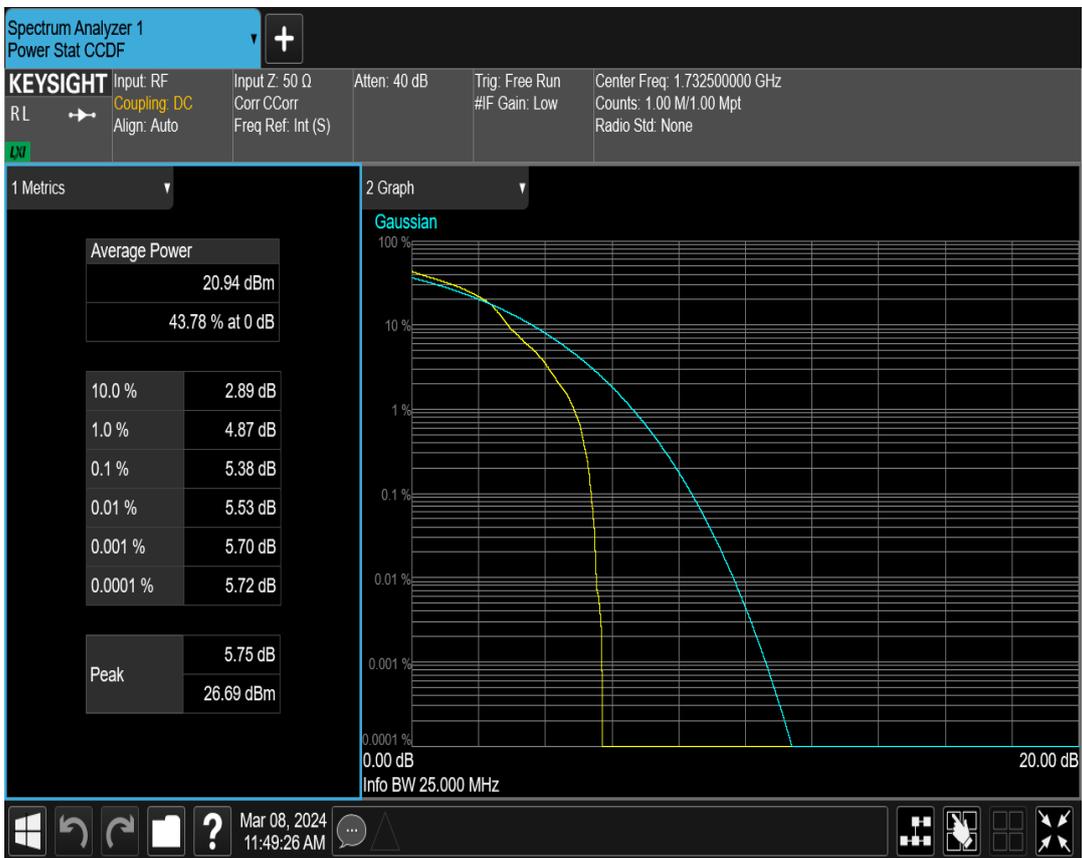
**3 Peak-to-Average Ratios**

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QPSK	4.52	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.51	13	PASS
Band4	3	20175	1	#0	QPSK	4.55	13	PASS
Band4	3	20175	1	#0	QAM16	5.52	13	PASS
Band4	5	20175	1	#0	QPSK	4.55	13	PASS
Band4	5	20175	1	#0	QAM16	5.22	13	PASS
Band4	10	20175	1	#0	QPSK	4.42	13	PASS
Band4	10	20175	1	#0	QAM16	5.38	13	PASS
Band4	15	20175	1	#0	QPSK	4.41	13	PASS
Band4	15	20175	1	#0	QAM16	5.32	13	PASS
Band4	20	20175	1	#0	QPSK	4.25	13	PASS
Band4	20	20175	1	#0	QAM16	4.99	13	PASS

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



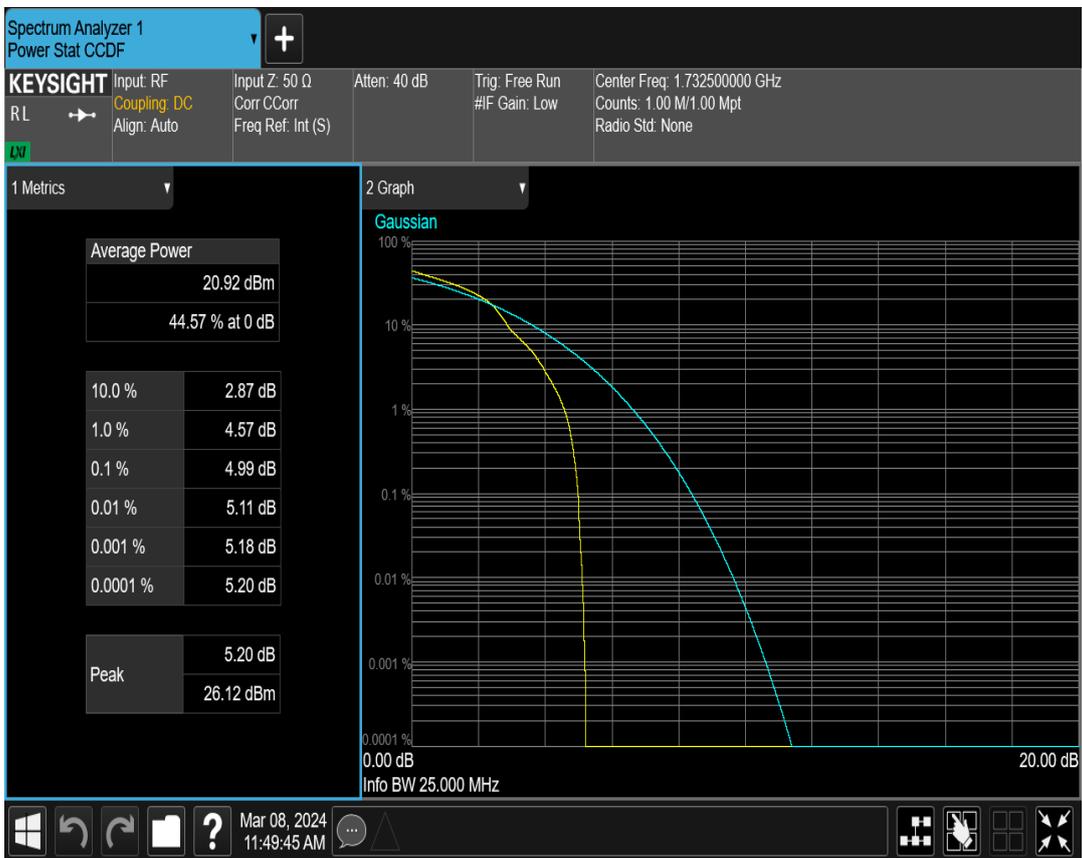
Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0



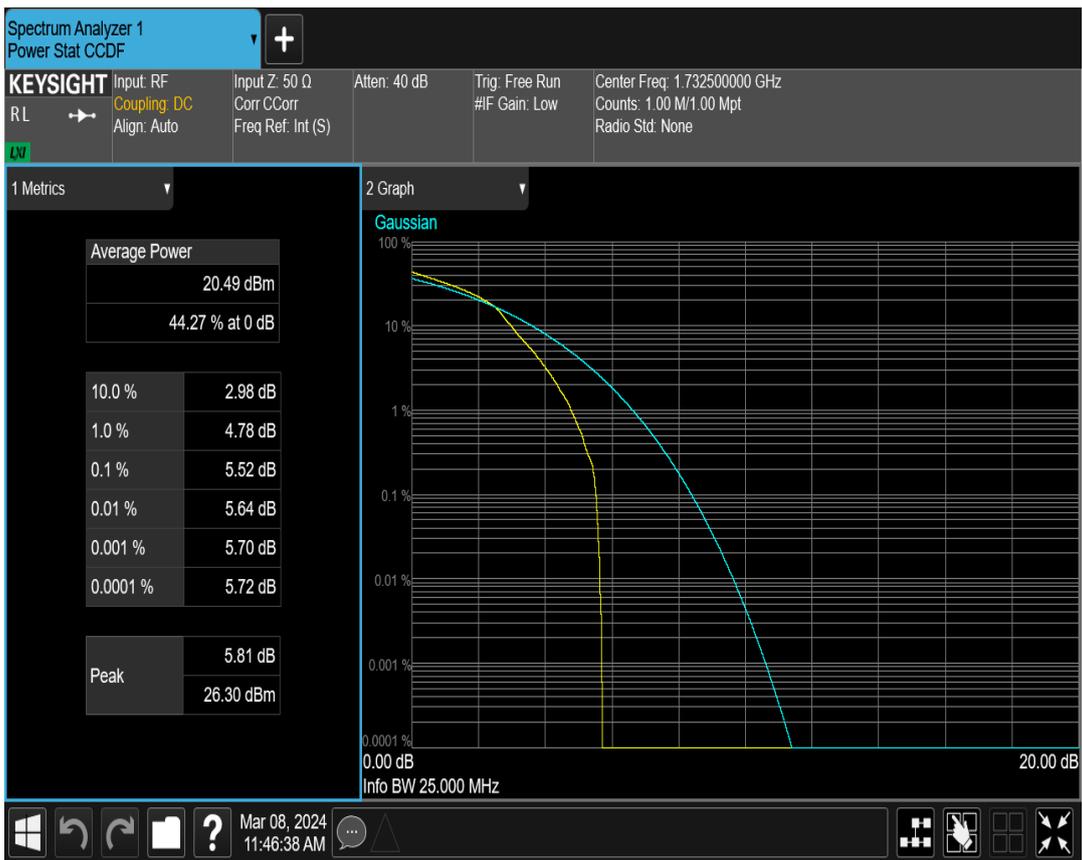
Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0



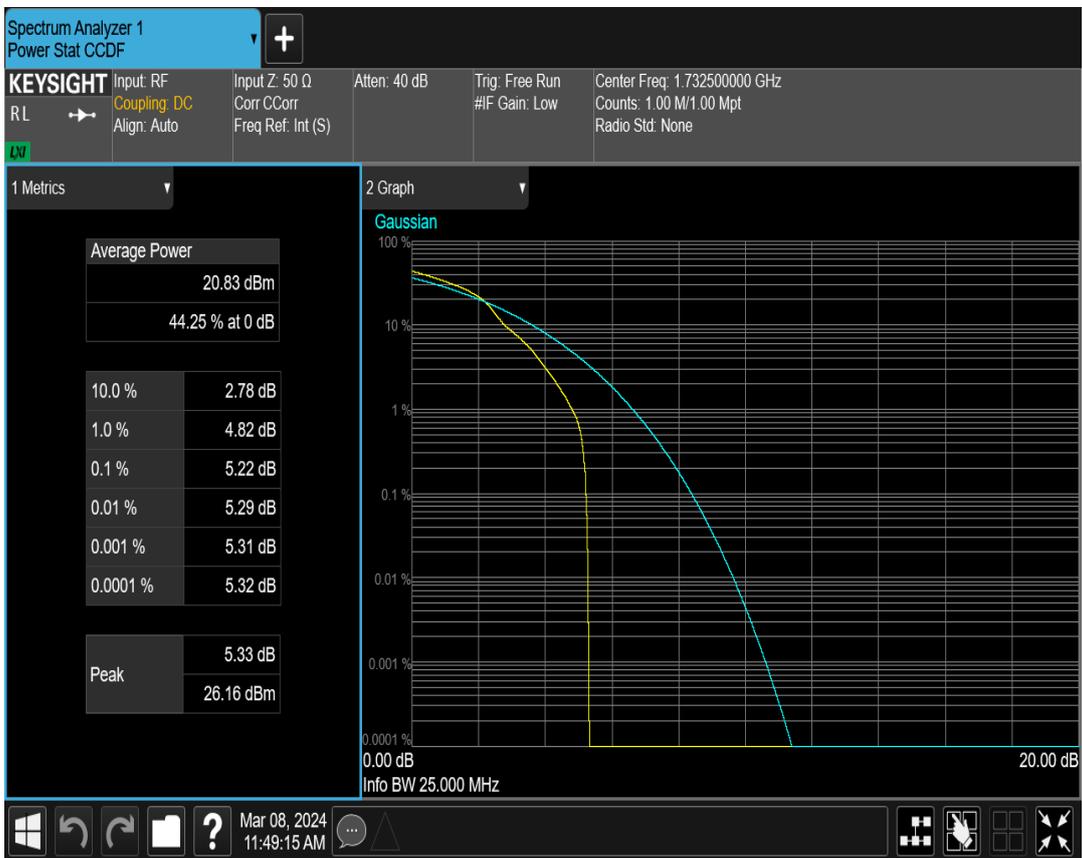
Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0



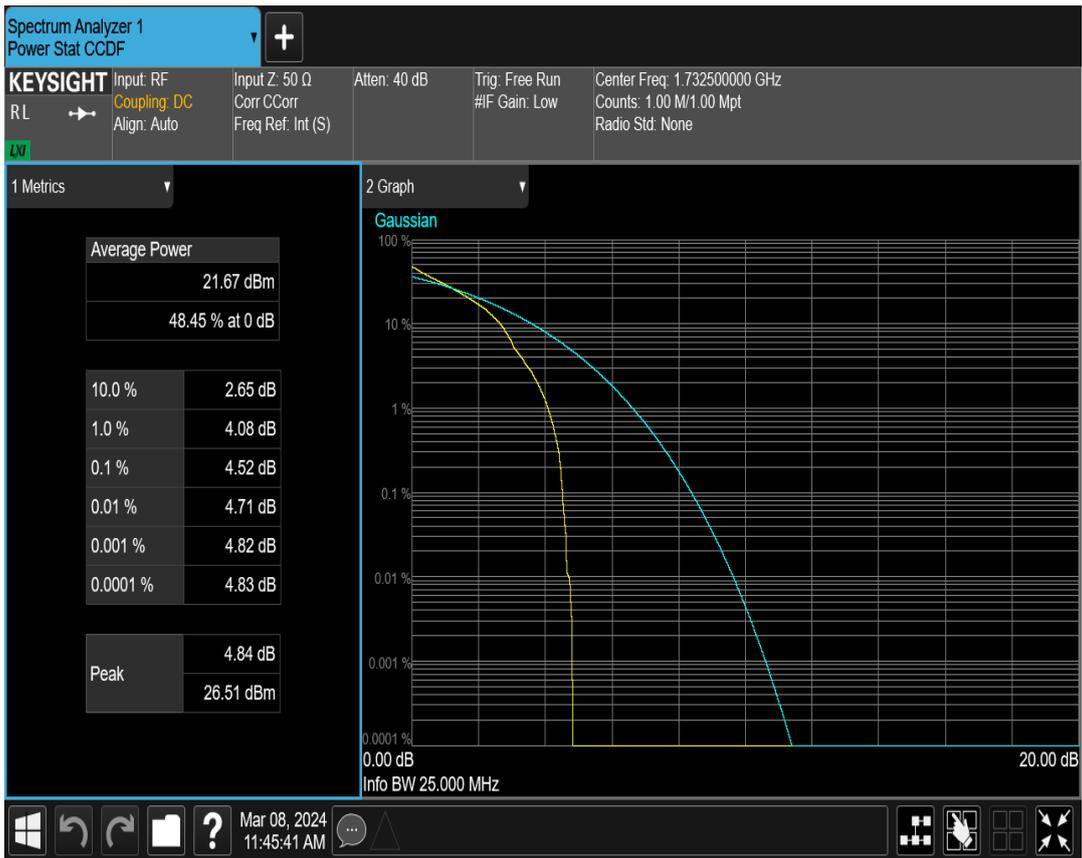
Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



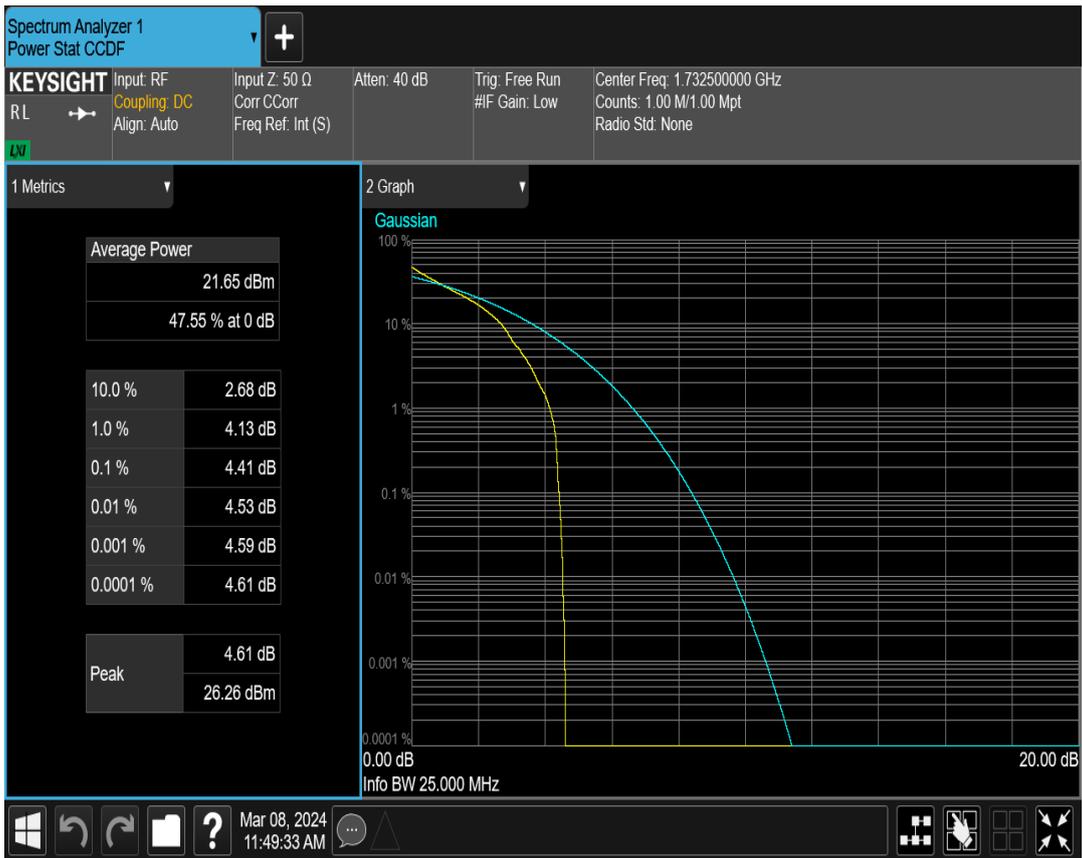
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



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



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



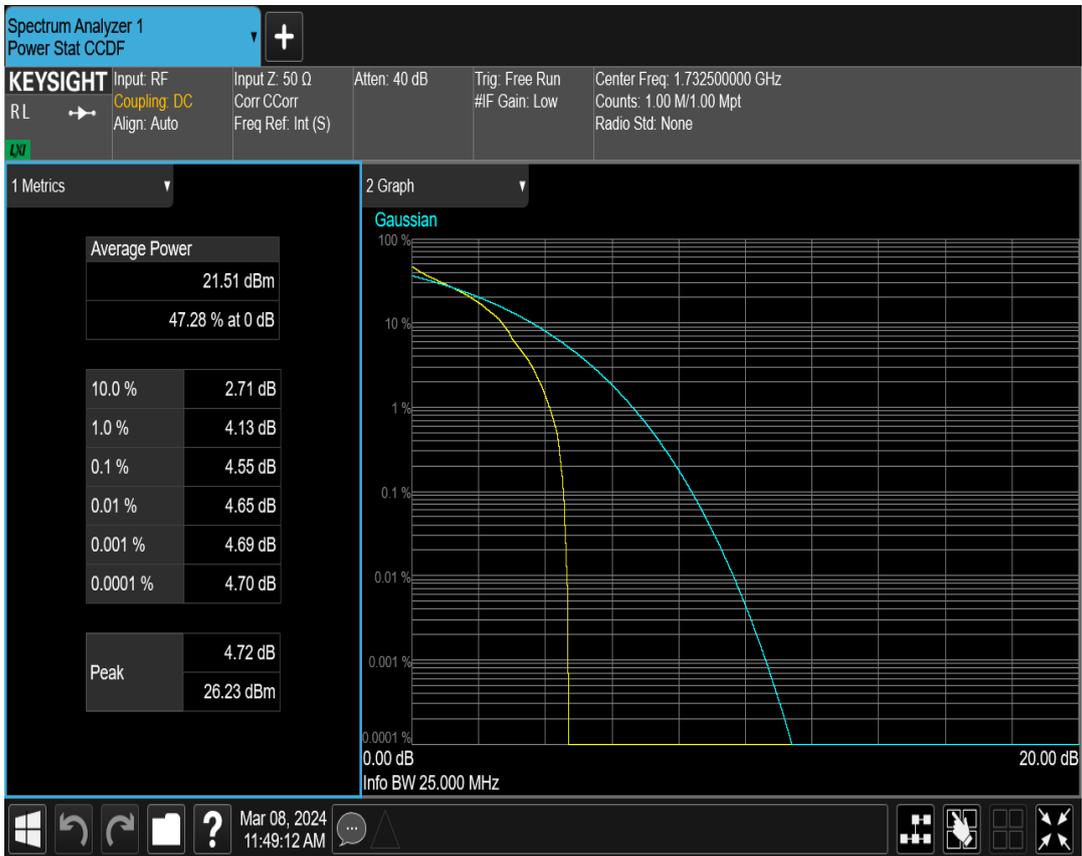
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Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



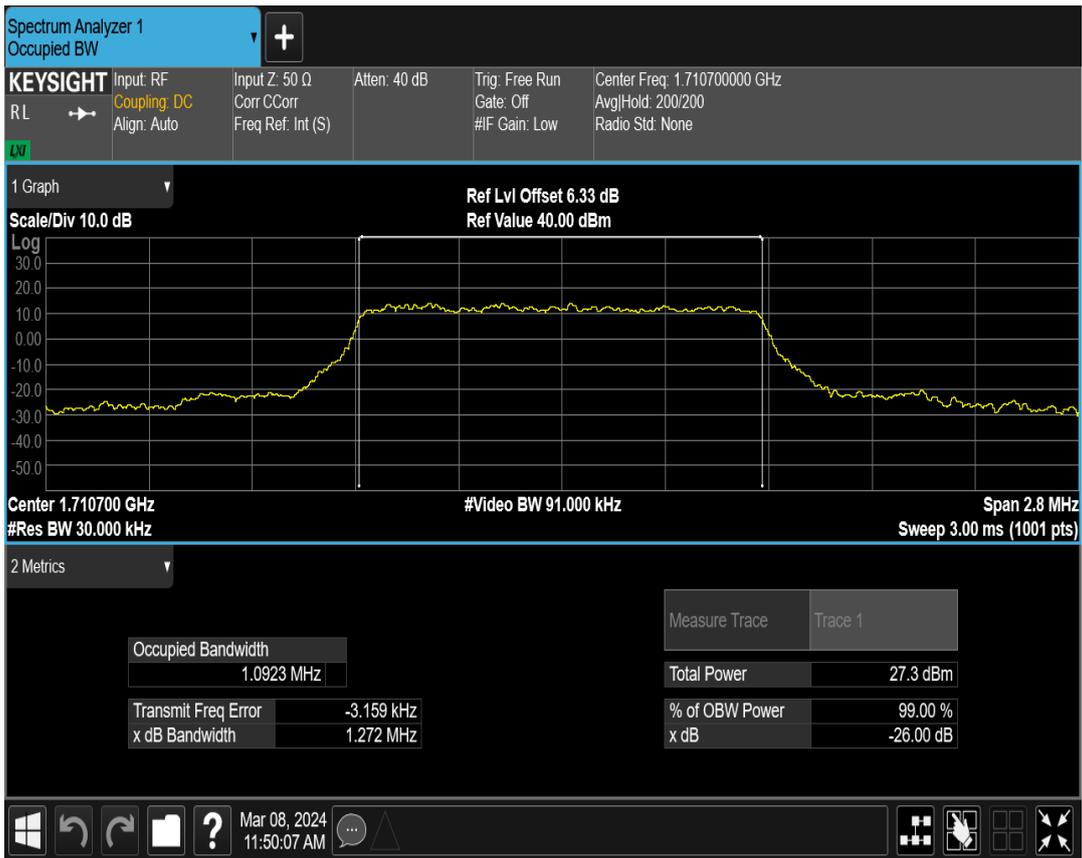
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



### 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	1.299	PASS
Band4	1.4	19957	6	#0	QAM16	1.092	1.272	PASS
Band4	1.4	20175	6	#0	QPSK	1.094	1.272	PASS
Band4	1.4	20175	6	#0	QAM16	1.099	1.281	PASS
Band4	1.4	20393	6	#0	QPSK	1.092	1.288	PASS
Band4	1.4	20393	6	#0	QAM16	1.096	1.294	PASS
Band4	3	19965	15	#0	QPSK	2.703	2.941	PASS
Band4	3	19965	15	#0	QAM16	2.704	2.931	PASS
Band4	3	20175	15	#0	QPSK	2.699	2.920	PASS
Band4	3	20175	15	#0	QAM16	2.706	2.945	PASS
Band4	3	20385	15	#0	QPSK	2.699	2.954	PASS
Band4	3	20385	15	#0	QAM16	2.695	2.963	PASS
Band4	5	19975	25	#0	QPSK	4.516	4.867	PASS
Band4	5	19975	25	#0	QAM16	4.508	4.924	PASS
Band4	5	20175	25	#0	QPSK	4.508	4.899	PASS
Band4	5	20175	25	#0	QAM16	4.516	4.923	PASS
Band4	5	20375	25	#0	QPSK	4.512	4.896	PASS
Band4	5	20375	25	#0	QAM16	4.519	5.008	PASS
Band4	10	20000	50	#0	QPSK	8.994	9.725	PASS
Band4	10	20000	50	#0	QAM16	9.008	9.711	PASS
Band4	10	20175	50	#0	QPSK	8.979	9.701	PASS
Band4	10	20175	50	#0	QAM16	9.005	9.715	PASS
Band4	10	20350	50	#0	QPSK	8.988	9.707	PASS
Band4	10	20350	50	#0	QAM16	9.011	9.791	PASS
Band4	15	20025	75	#0	QPSK	13.437	14.495	PASS
Band4	15	20025	75	#0	QAM16	13.459	14.499	PASS
Band4	15	20175	75	#0	QPSK	13.454	14.476	PASS
Band4	15	20175	75	#0	QAM16	13.465	14.521	PASS
Band4	15	20325	75	#0	QPSK	13.482	14.714	PASS
Band4	15	20325	75	#0	QAM16	13.472	14.498	PASS
Band4	20	20050	100	#0	QPSK	17.942	19.384	PASS
Band4	20	20050	100	#0	QAM16	17.899	19.398	PASS
Band4	20	20175	100	#0	QPSK	17.945	19.265	PASS
Band4	20	20175	100	#0	QAM16	17.994	19.455	PASS
Band4	20	20300	100	#0	QPSK	17.988	19.321	PASS
Band4	20	20300	100	#0	QAM16	17.944	19.264	PASS

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



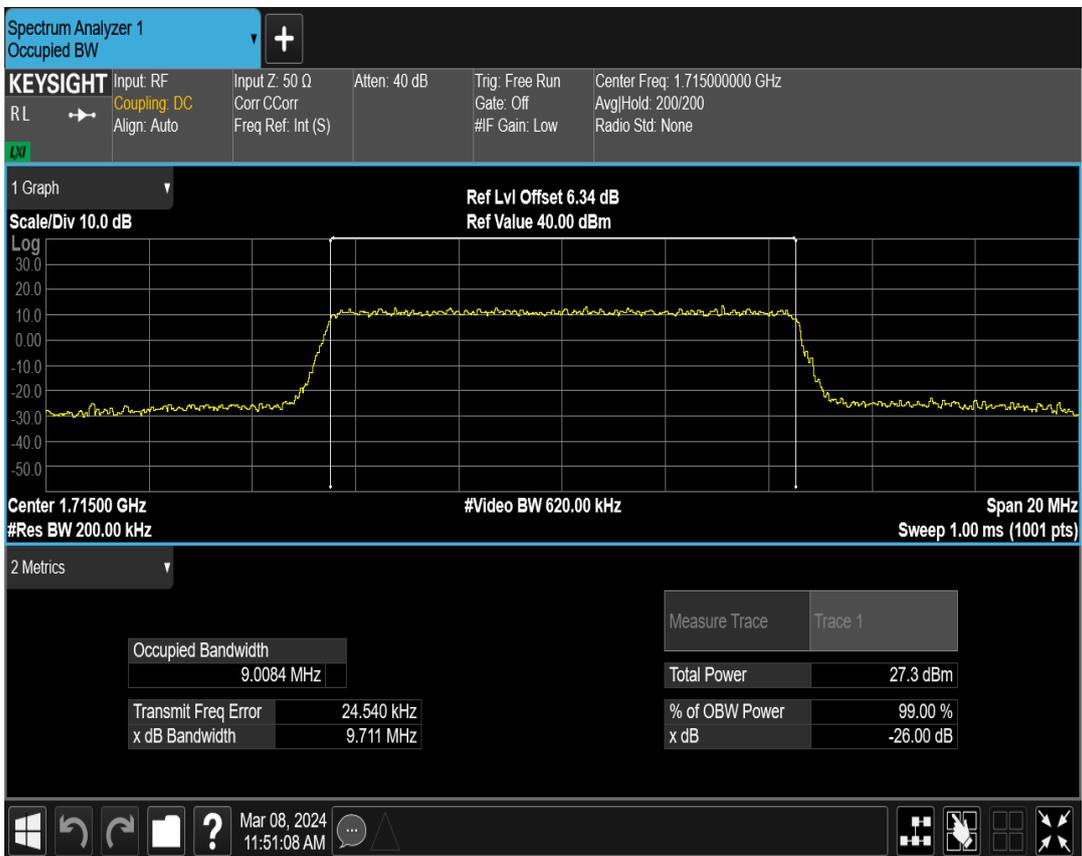
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



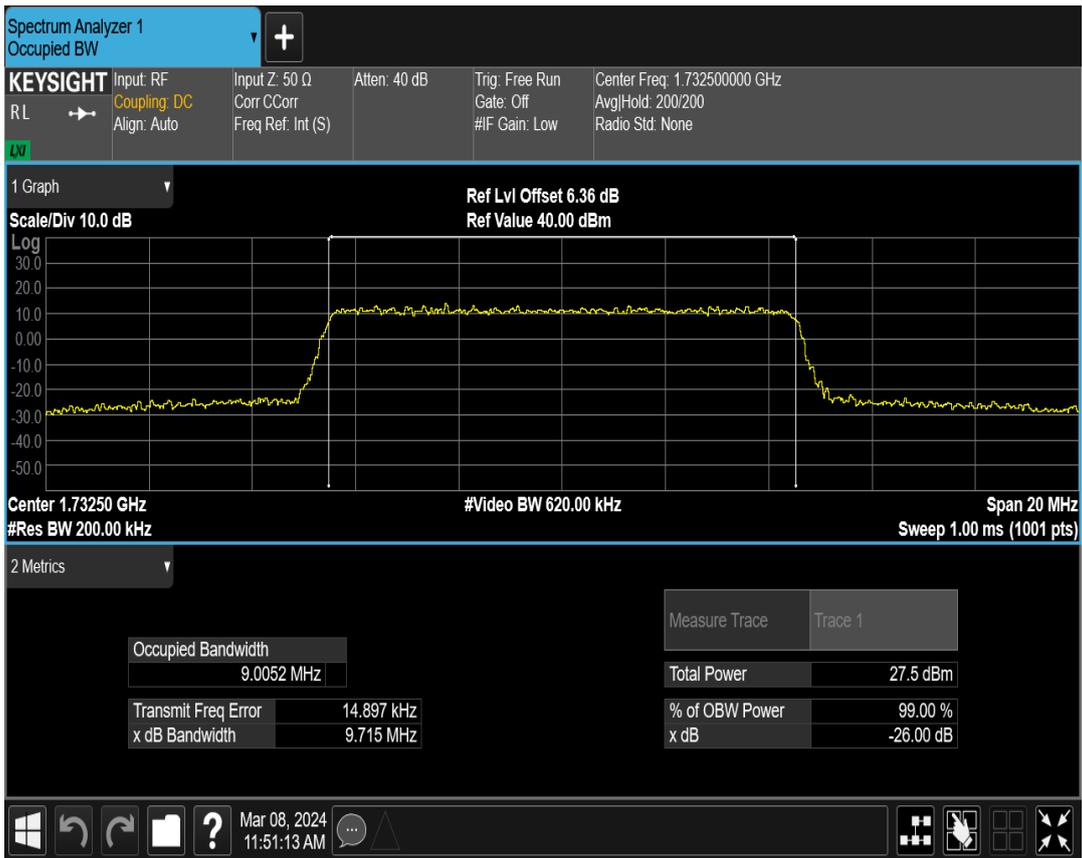
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



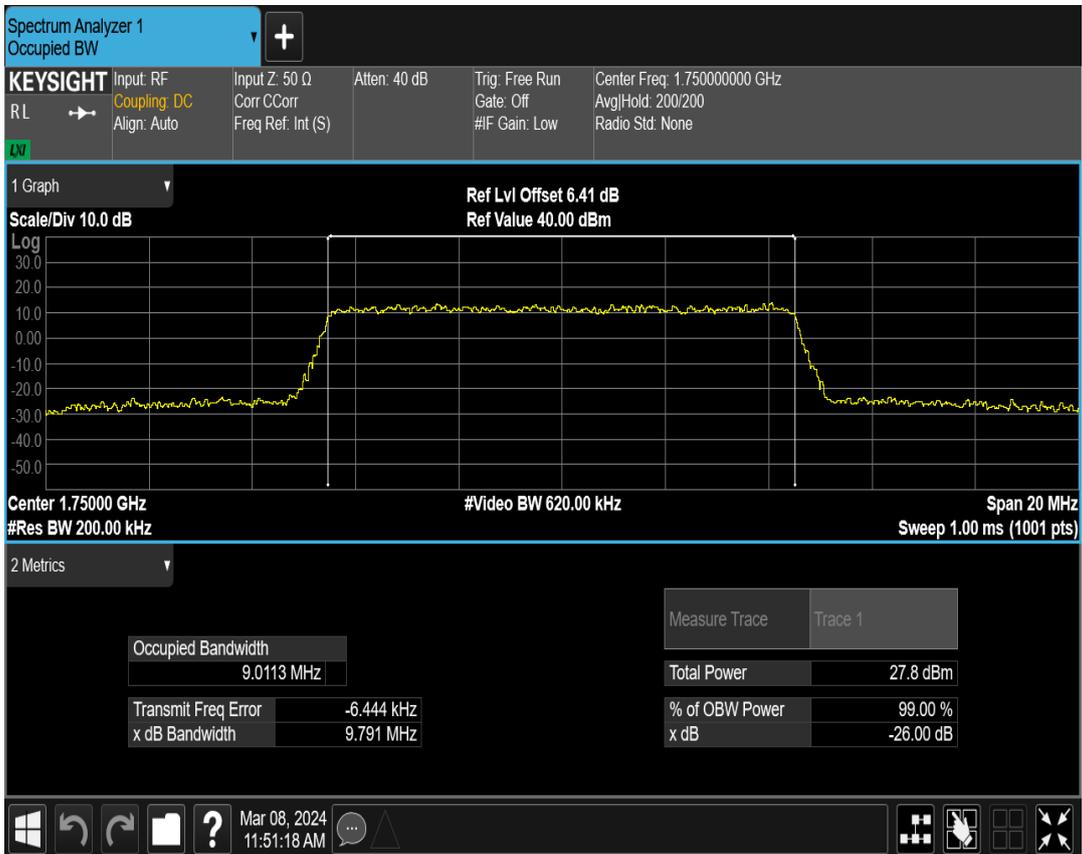
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



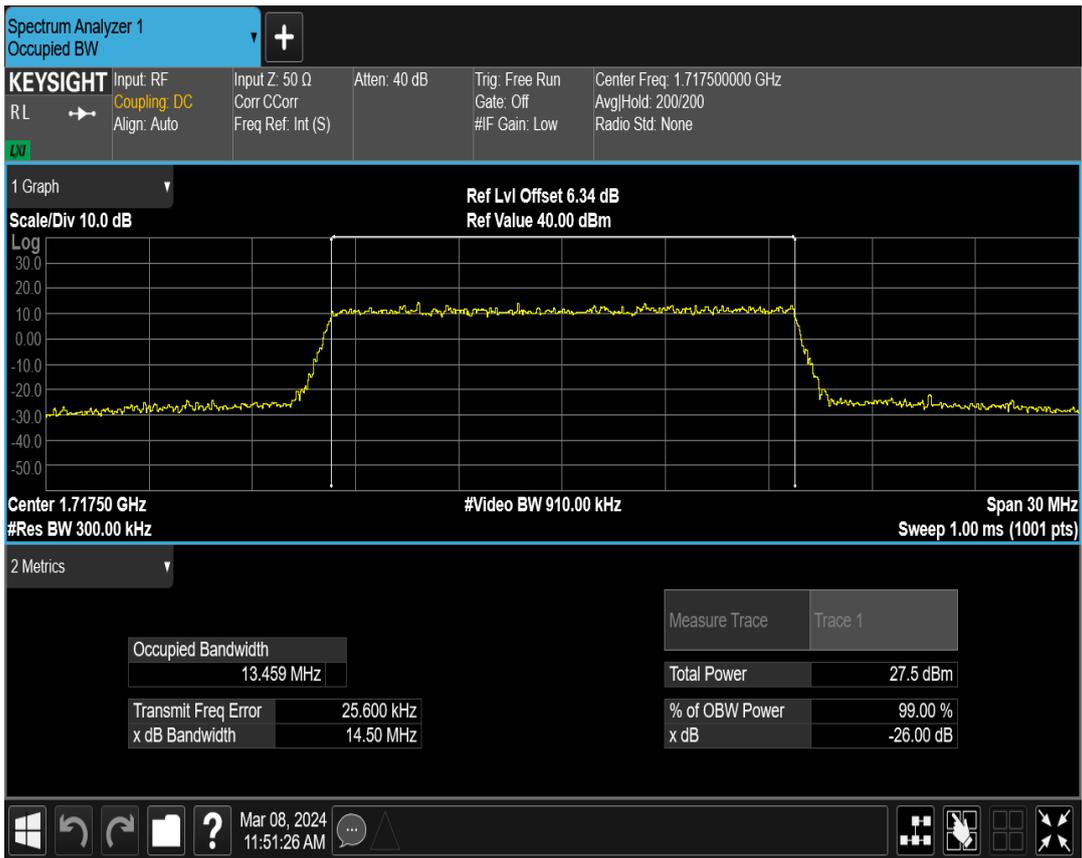
Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0



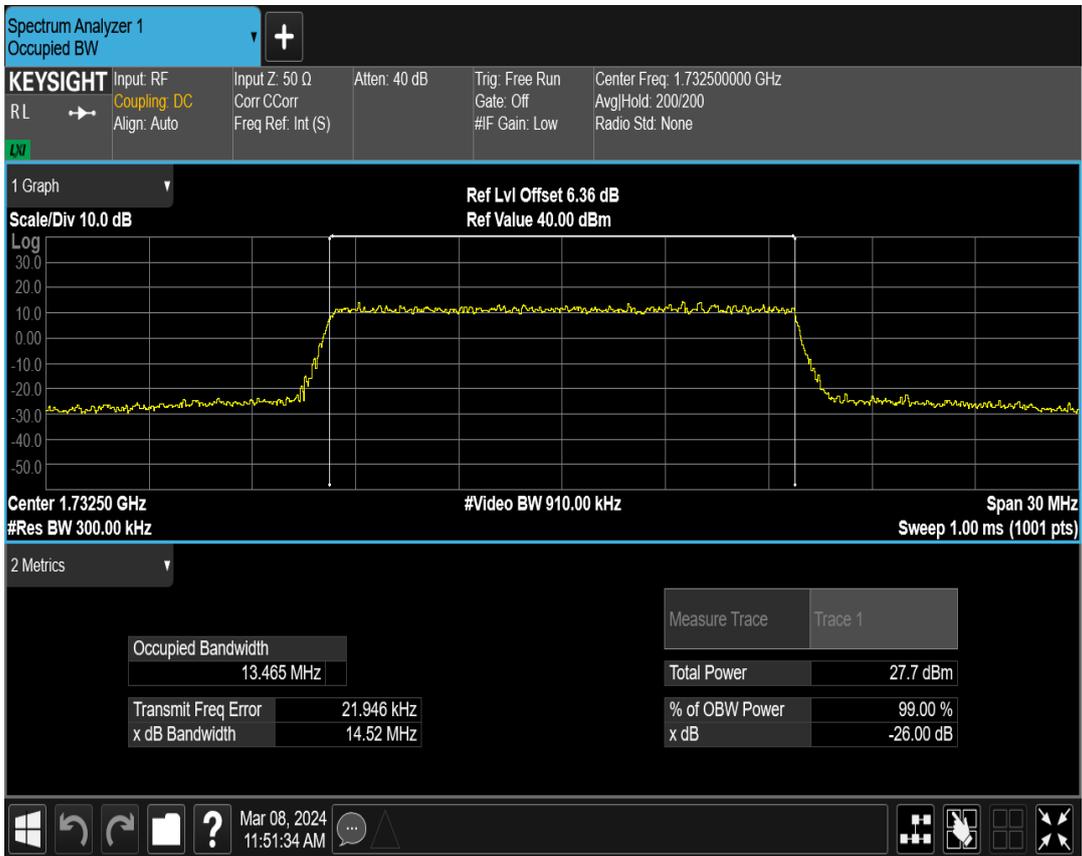
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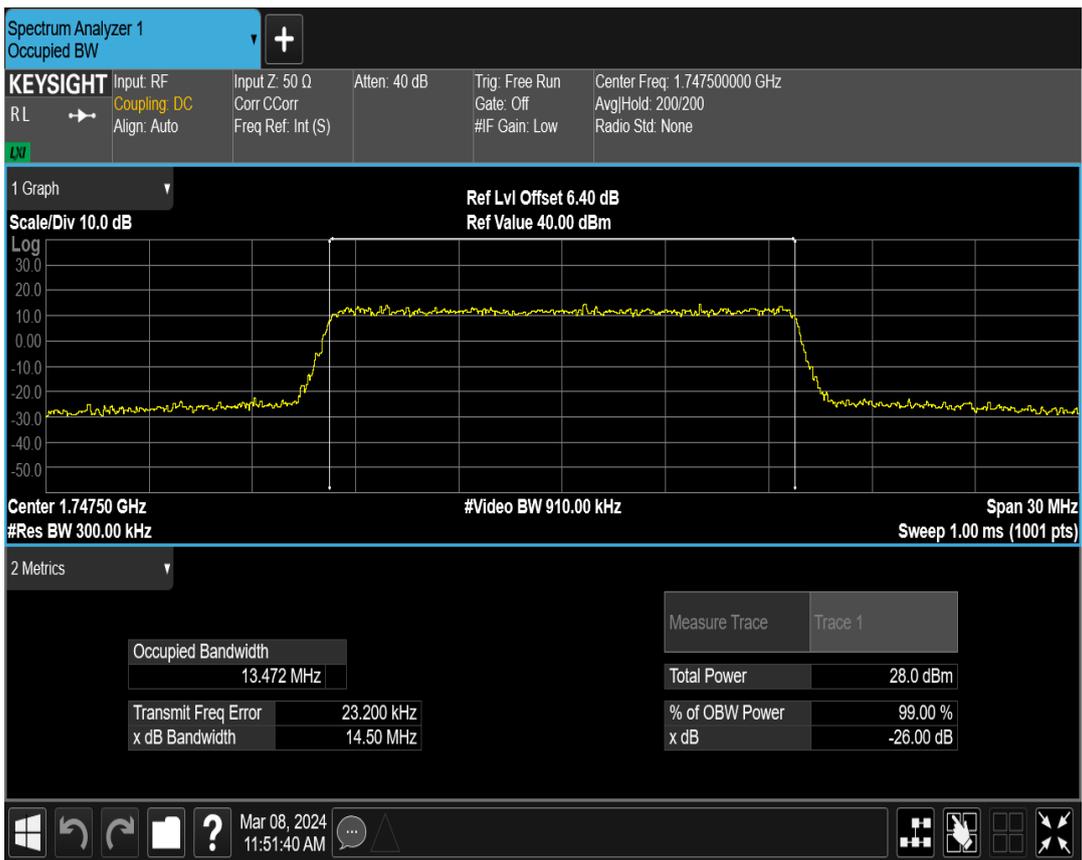
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



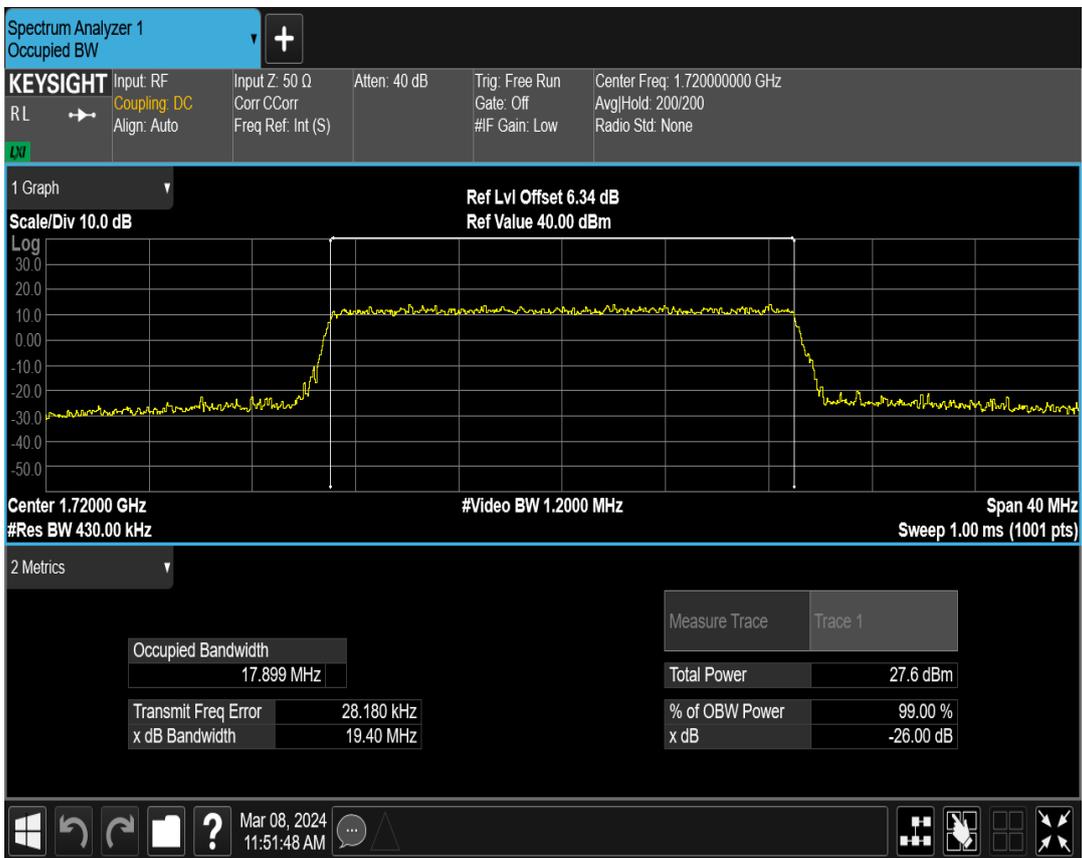
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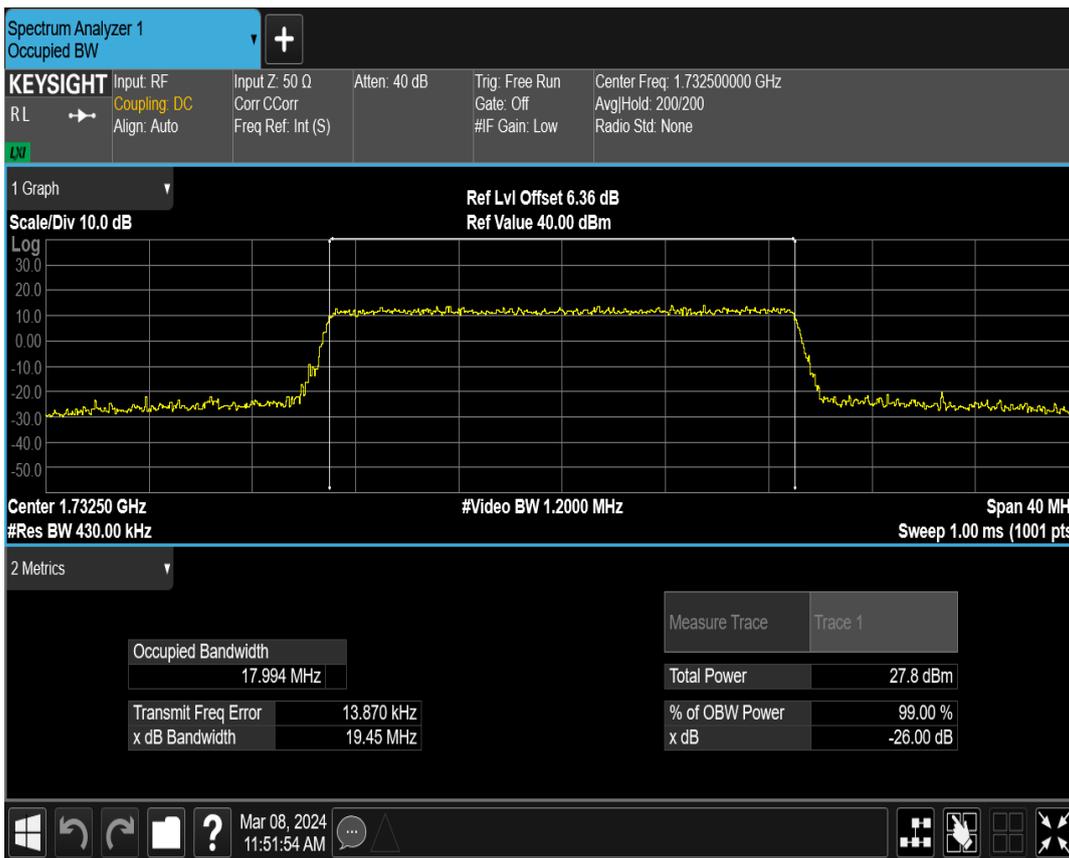
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



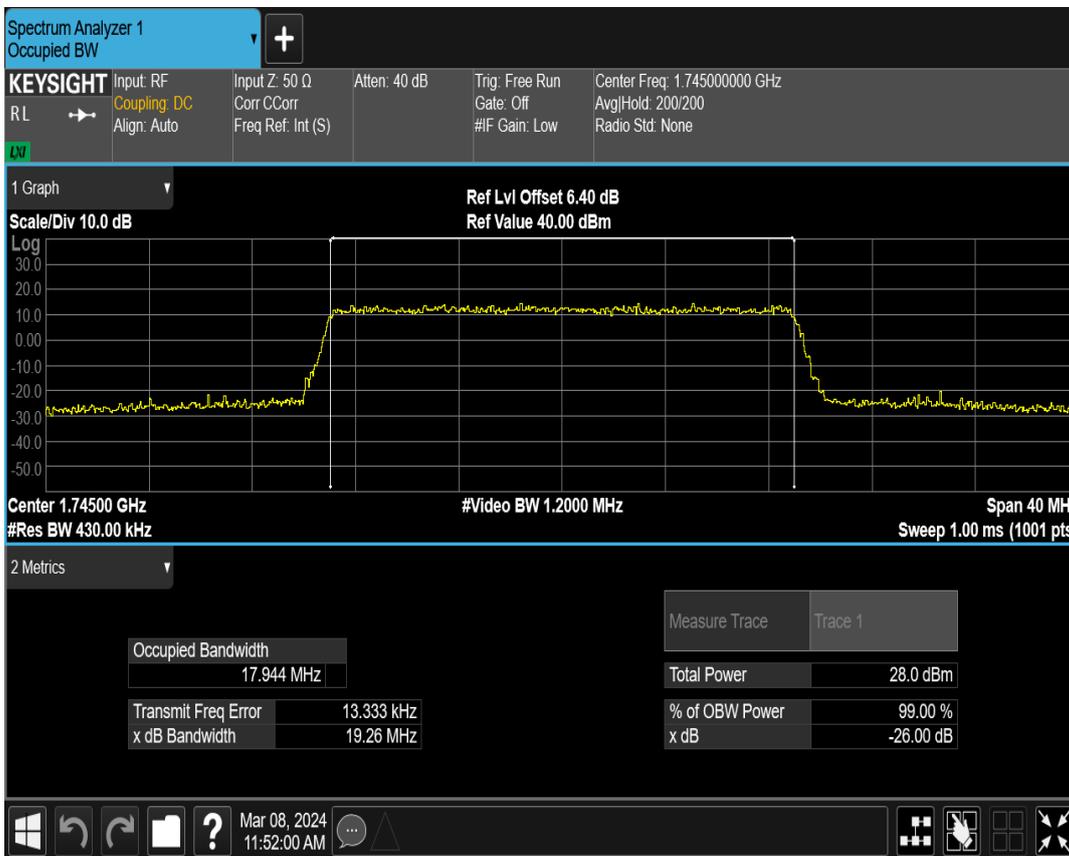
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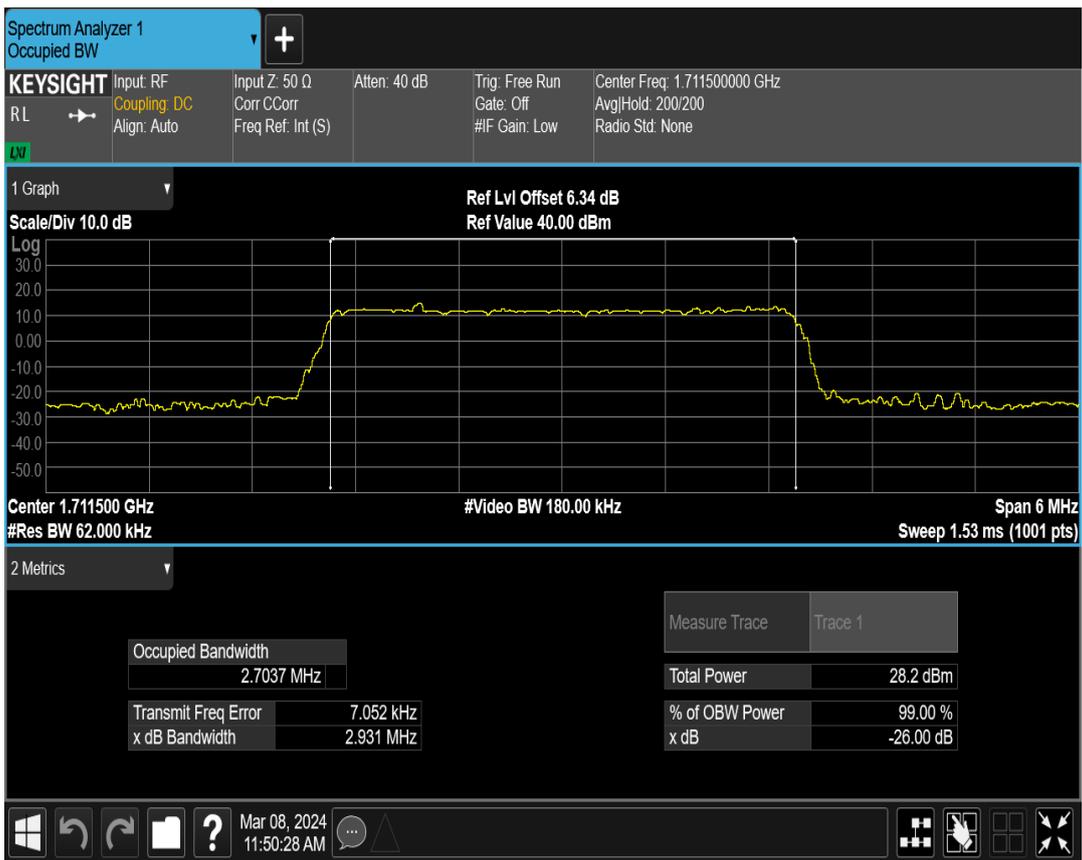
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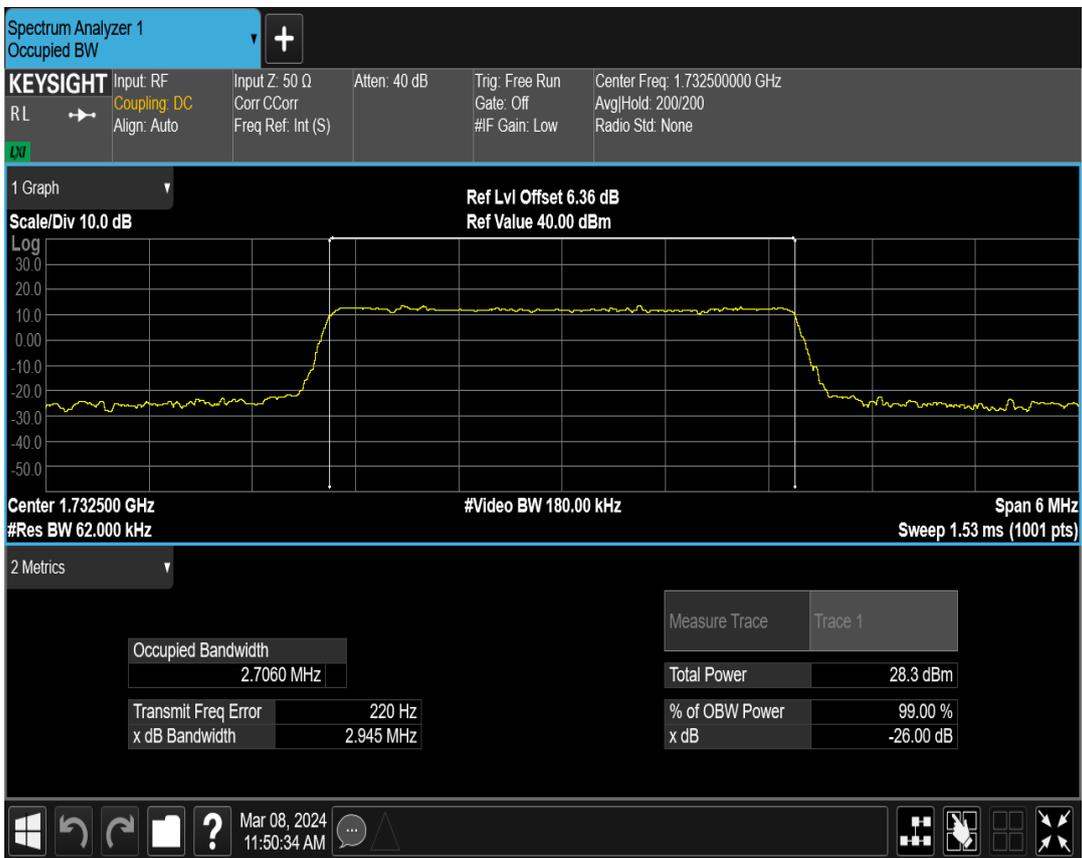
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



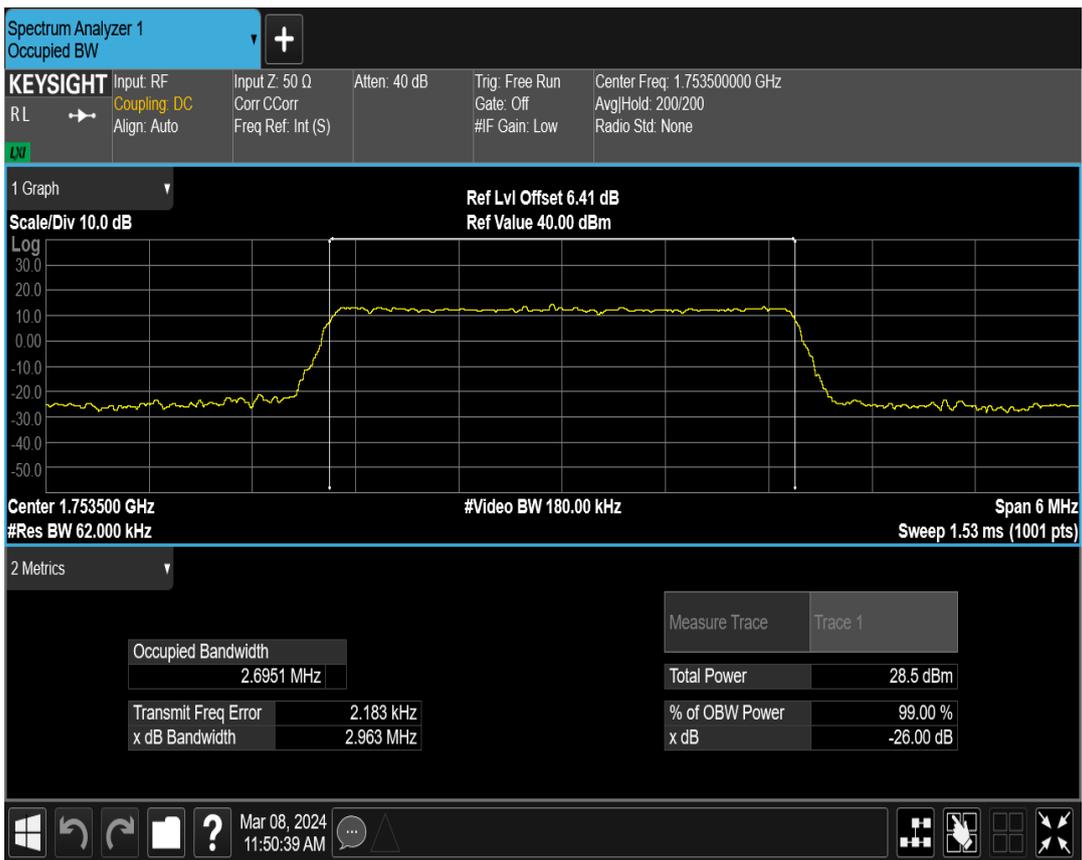
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



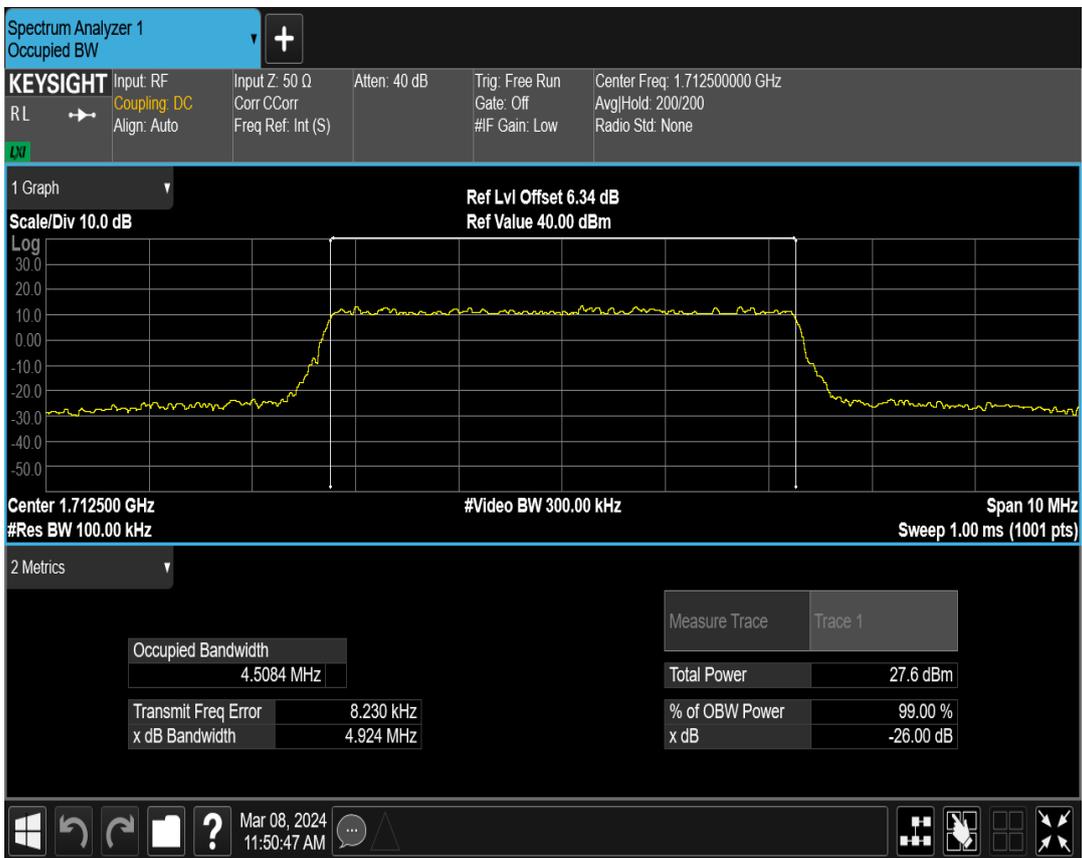
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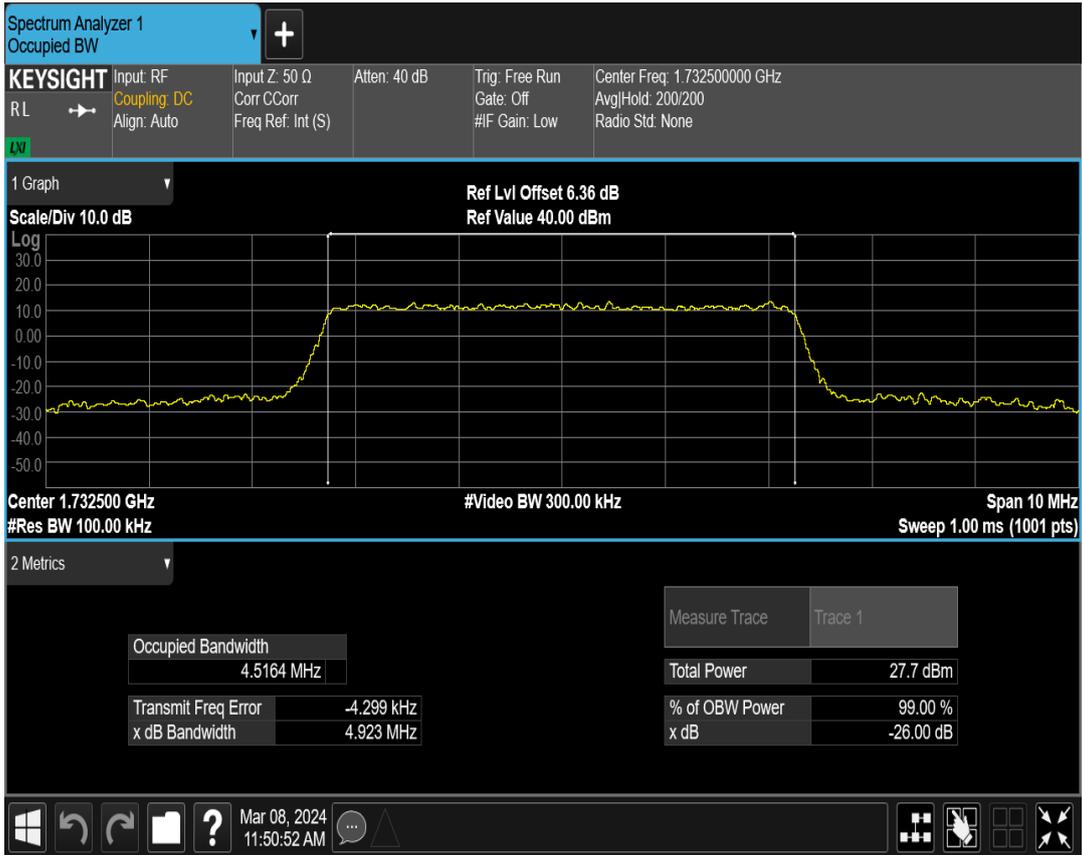
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



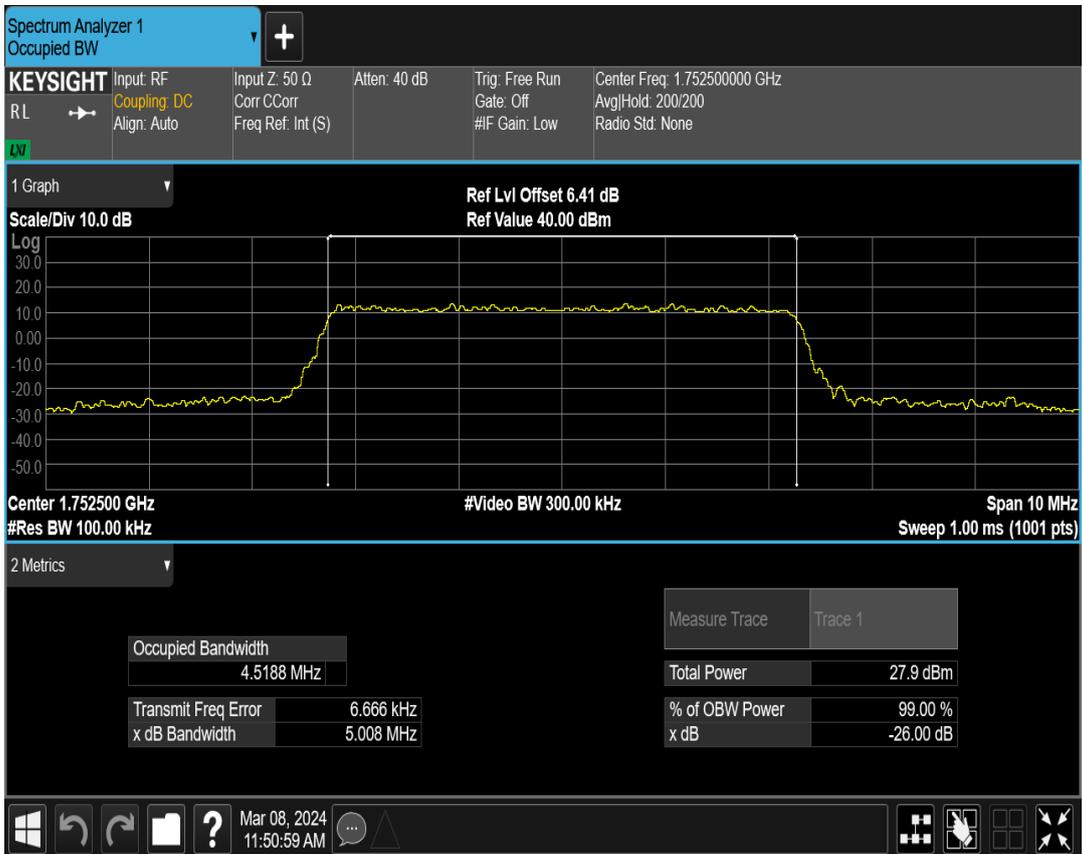
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



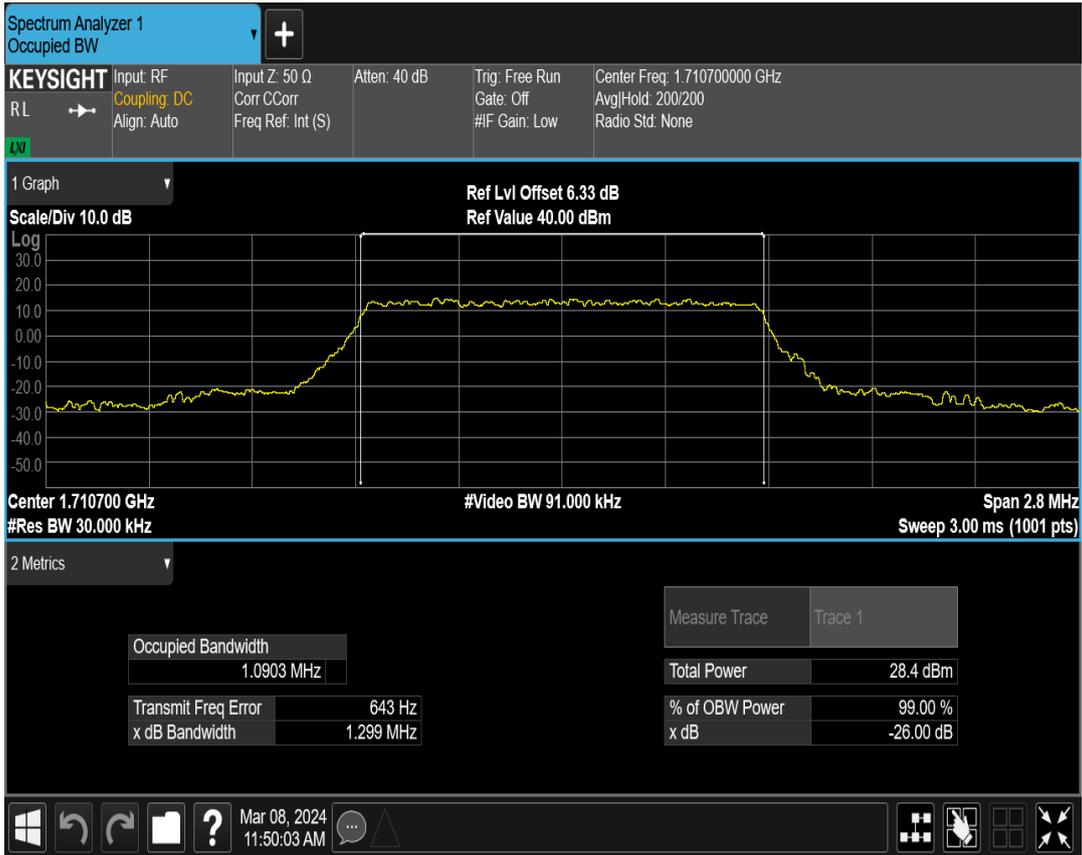
Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



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



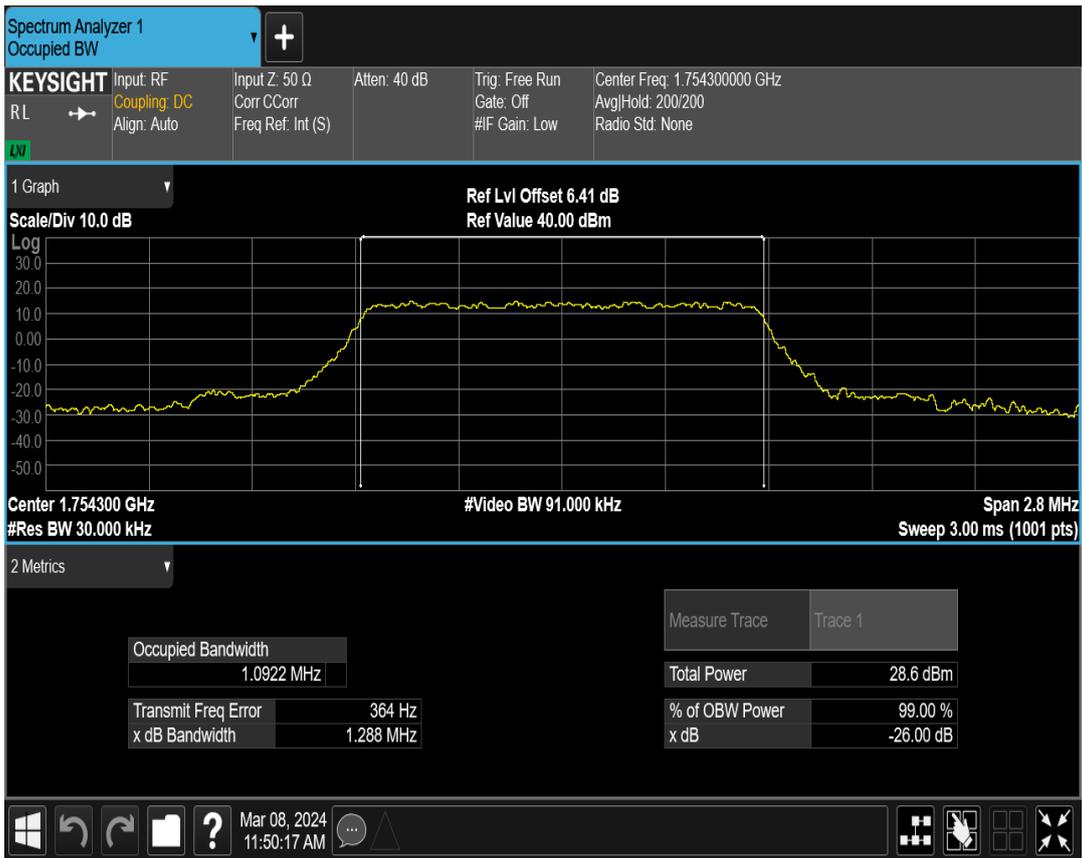
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



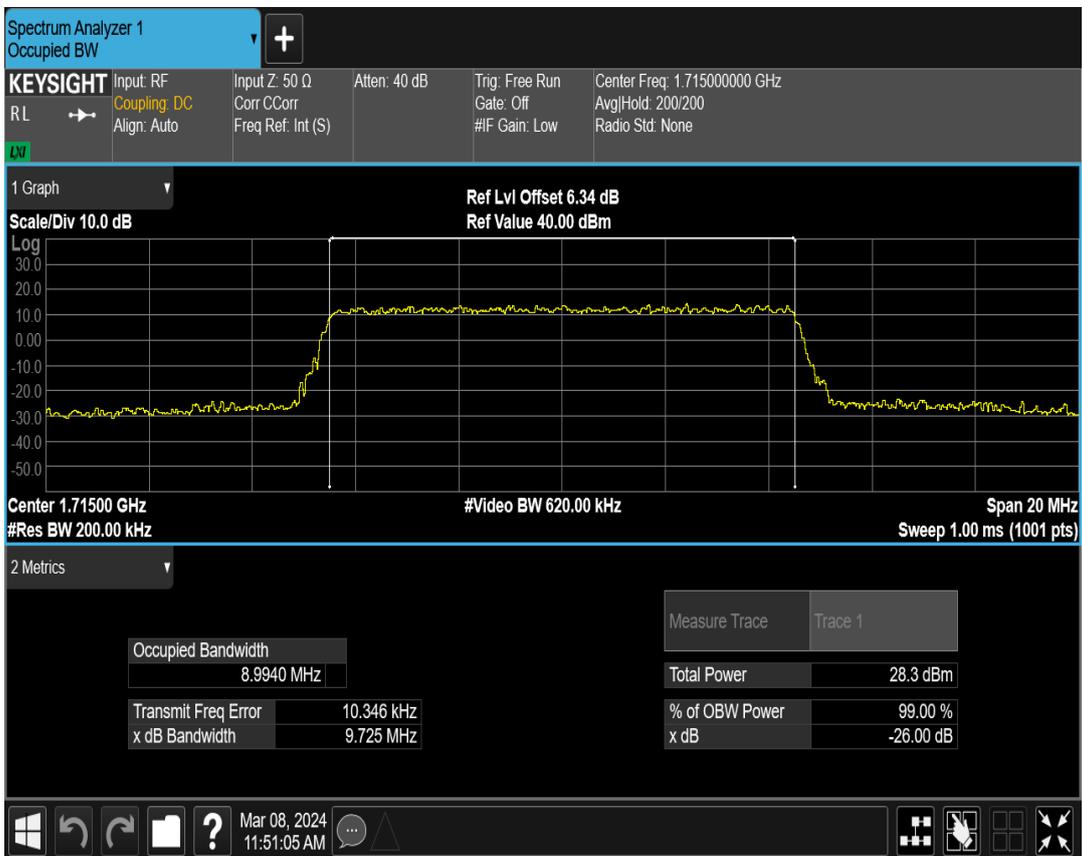
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



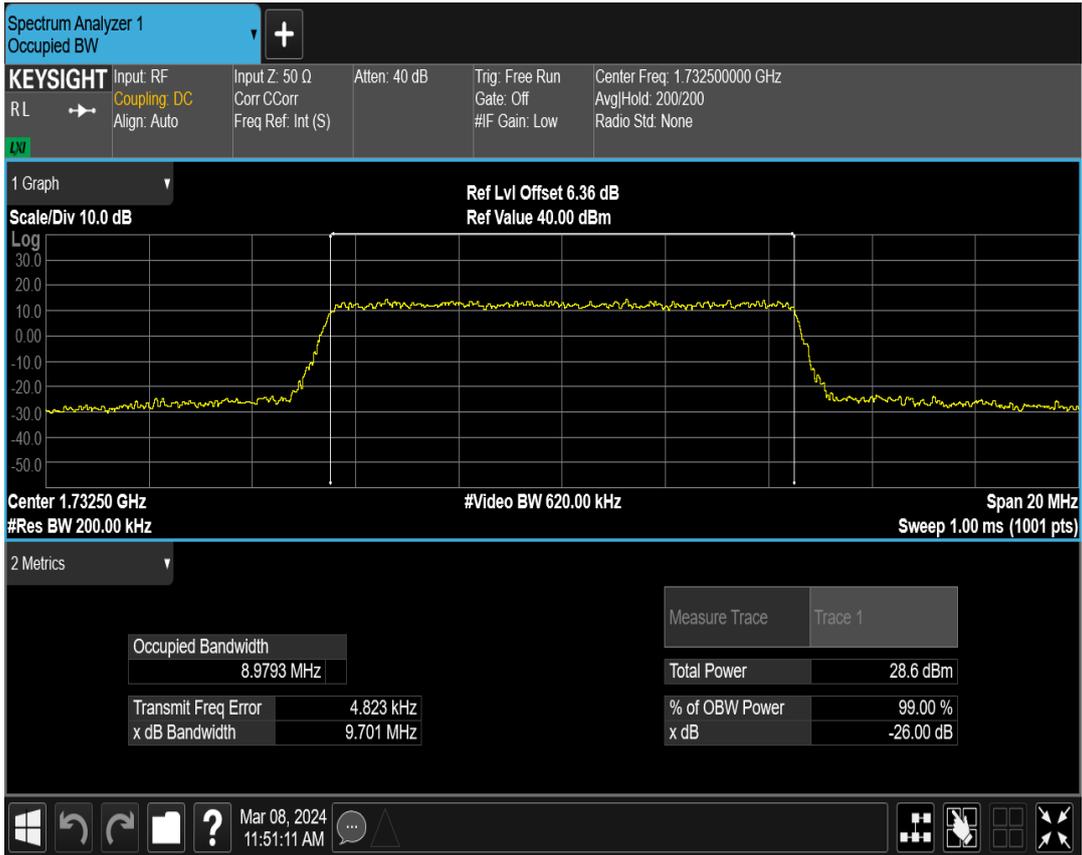
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



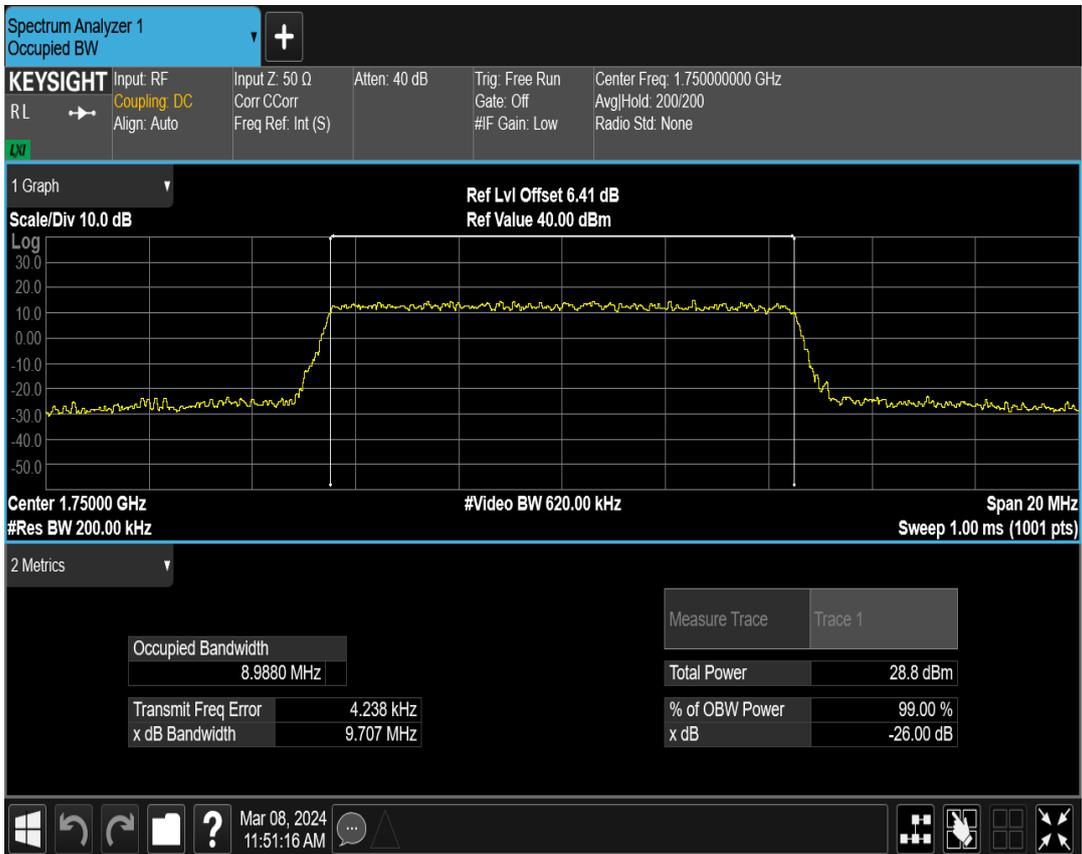
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



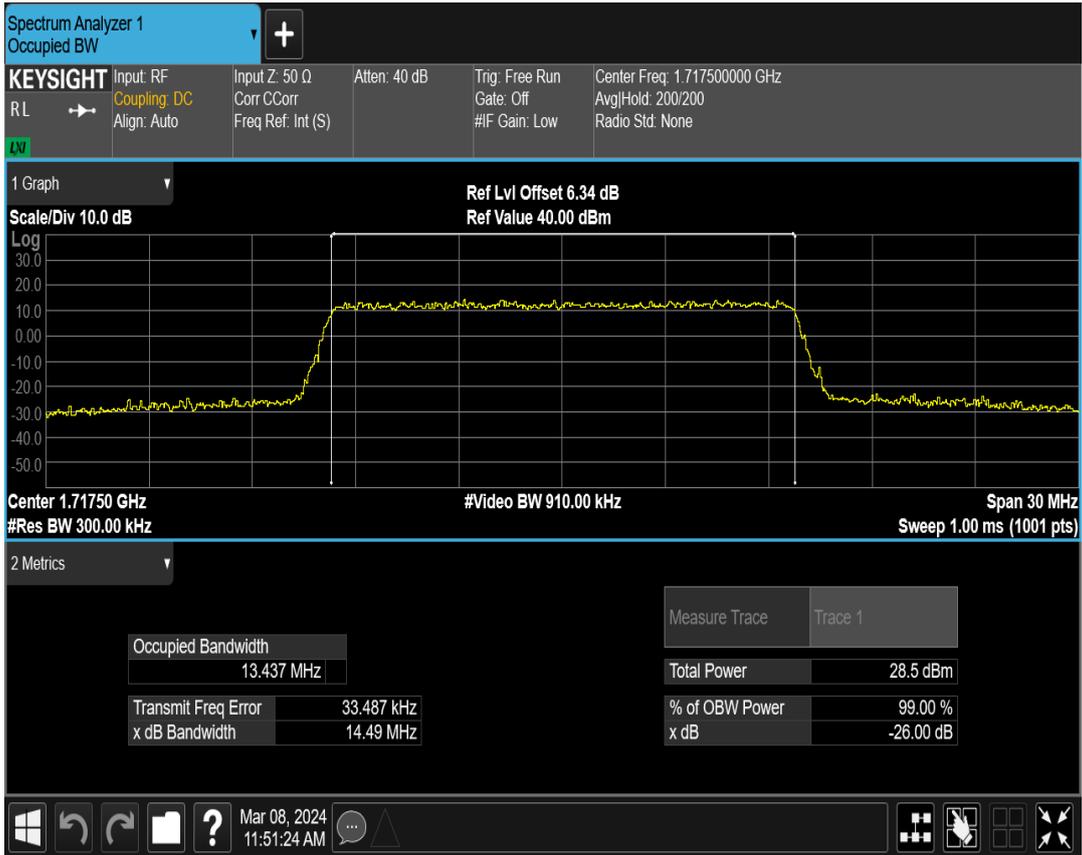
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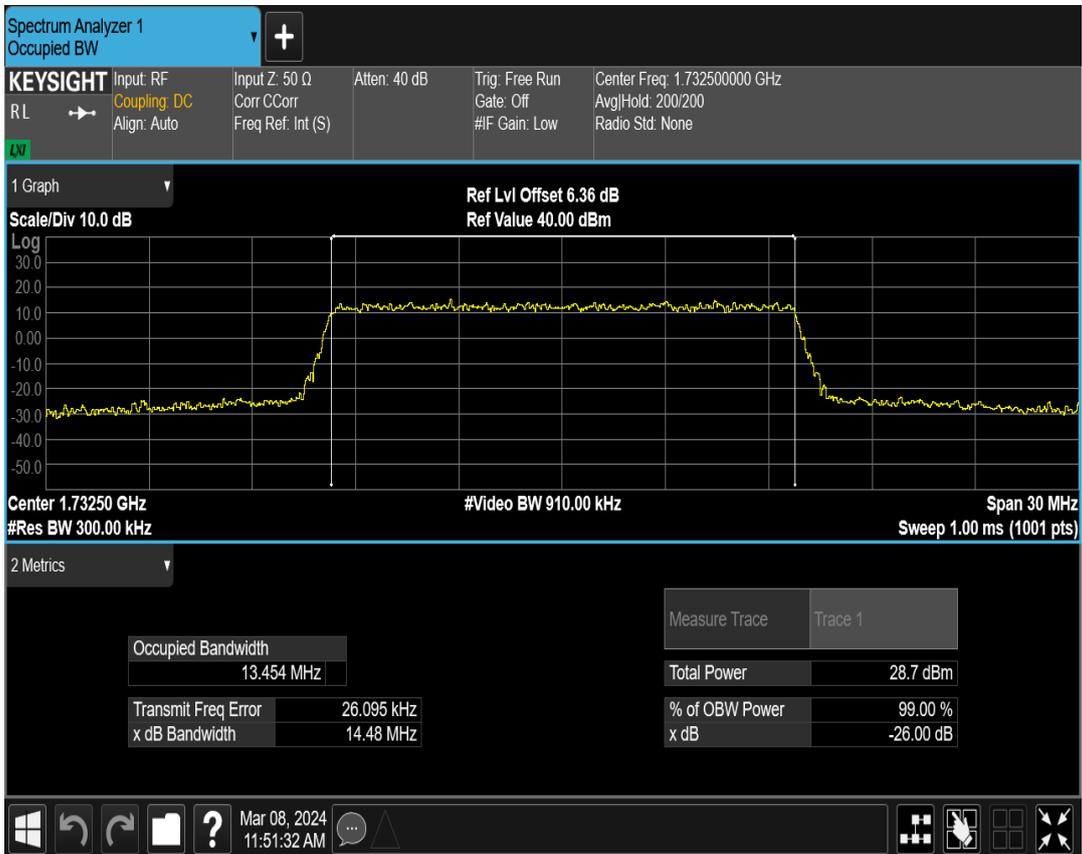
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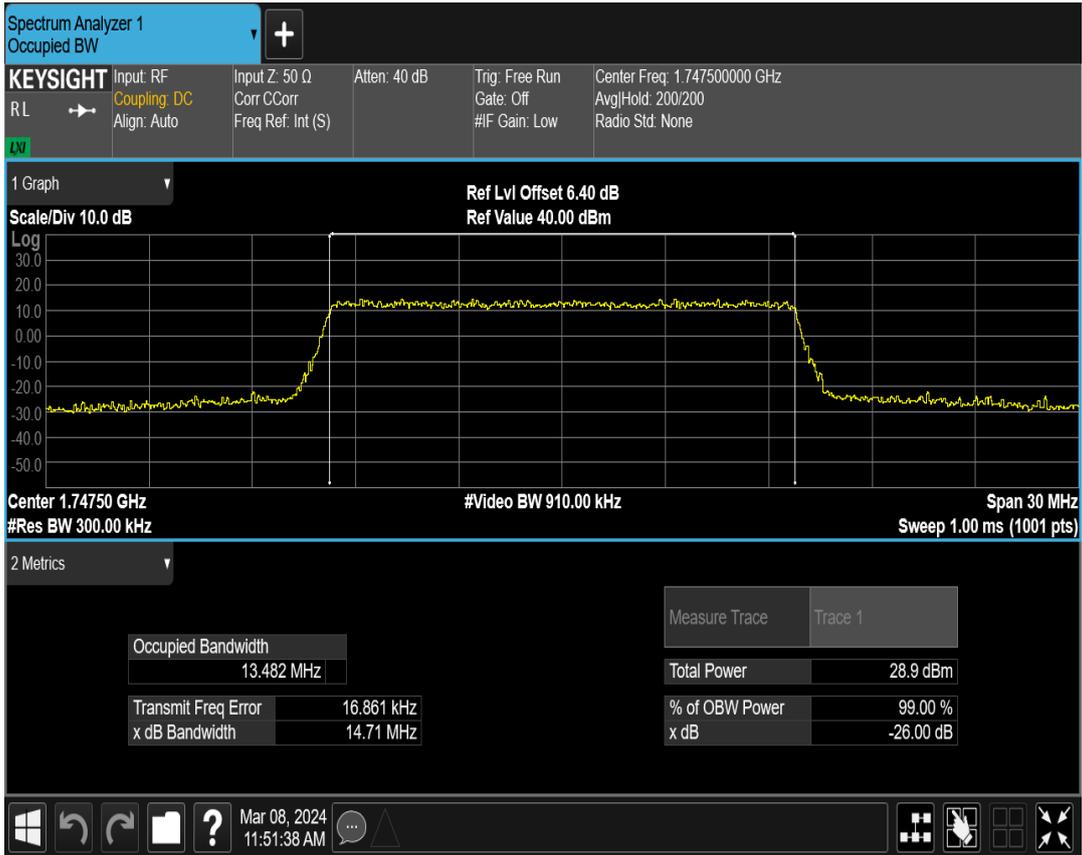
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



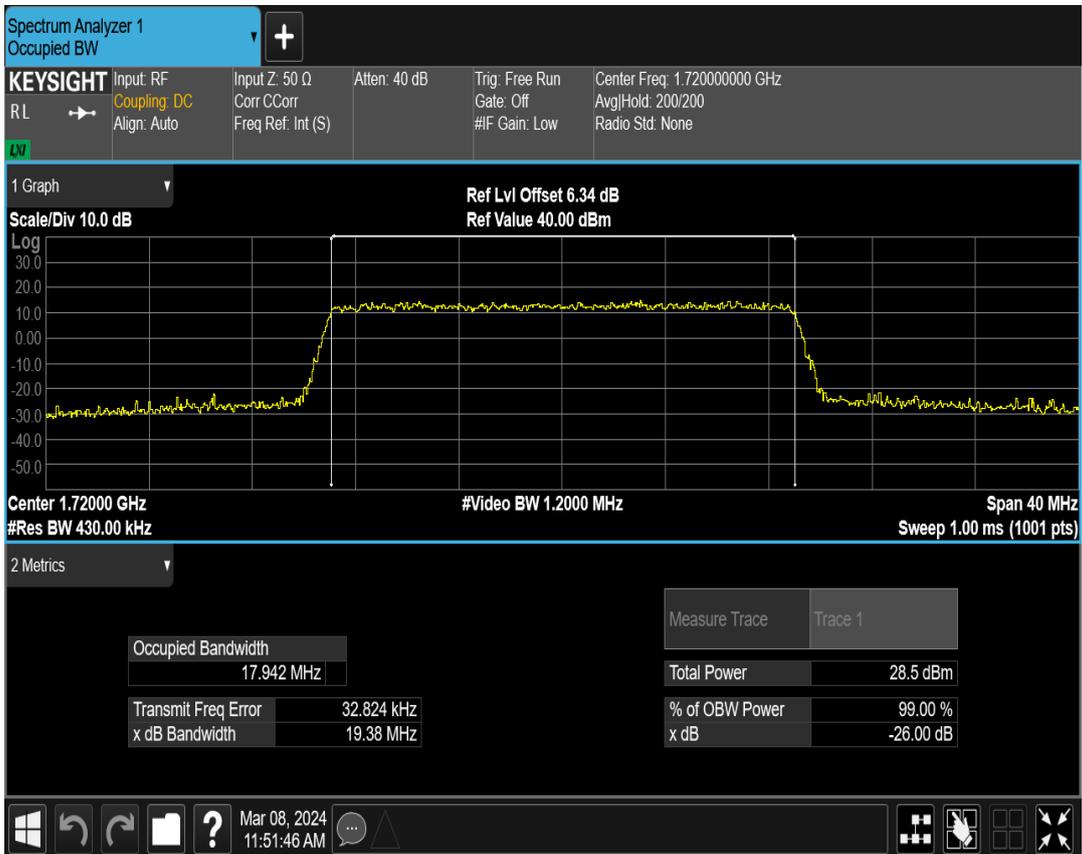
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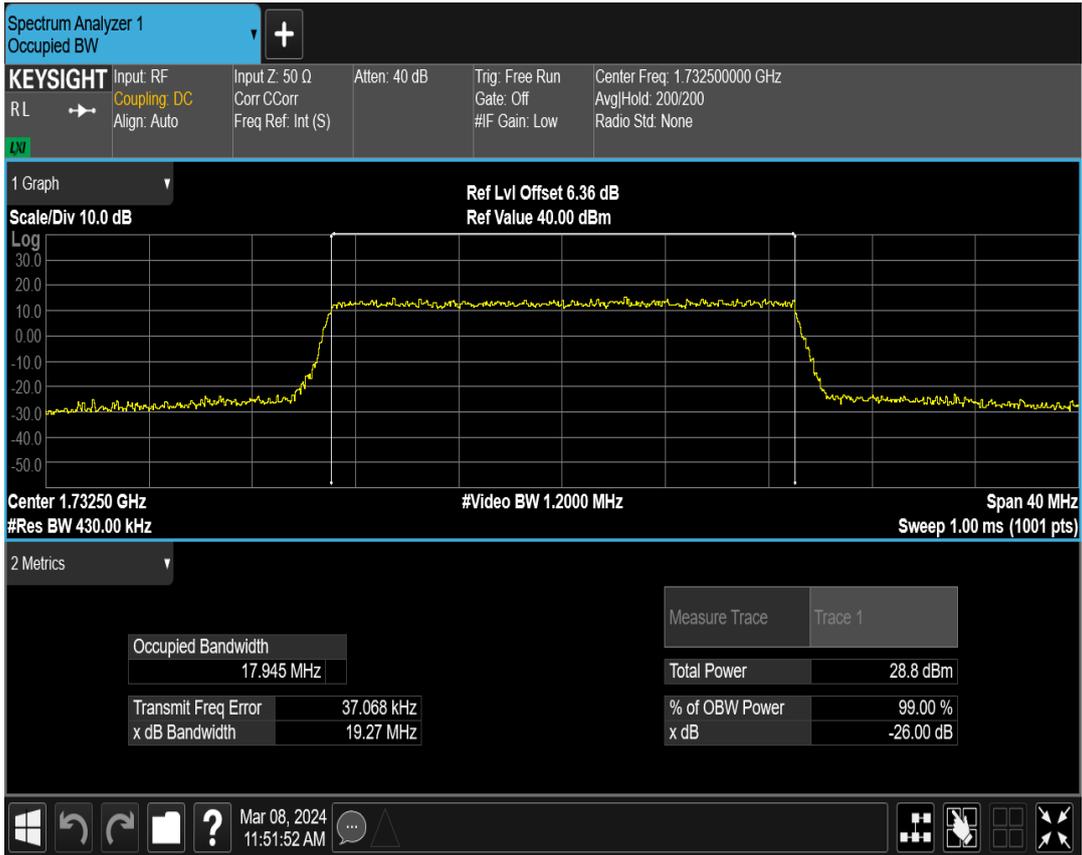
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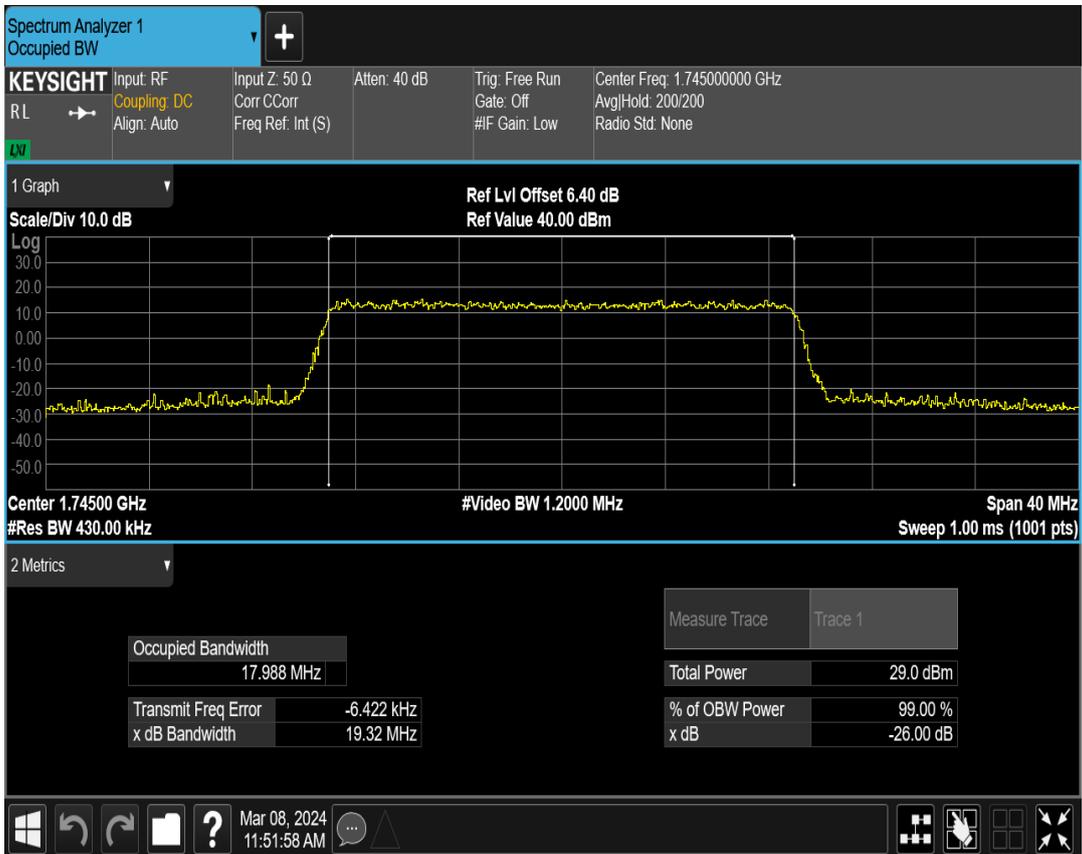
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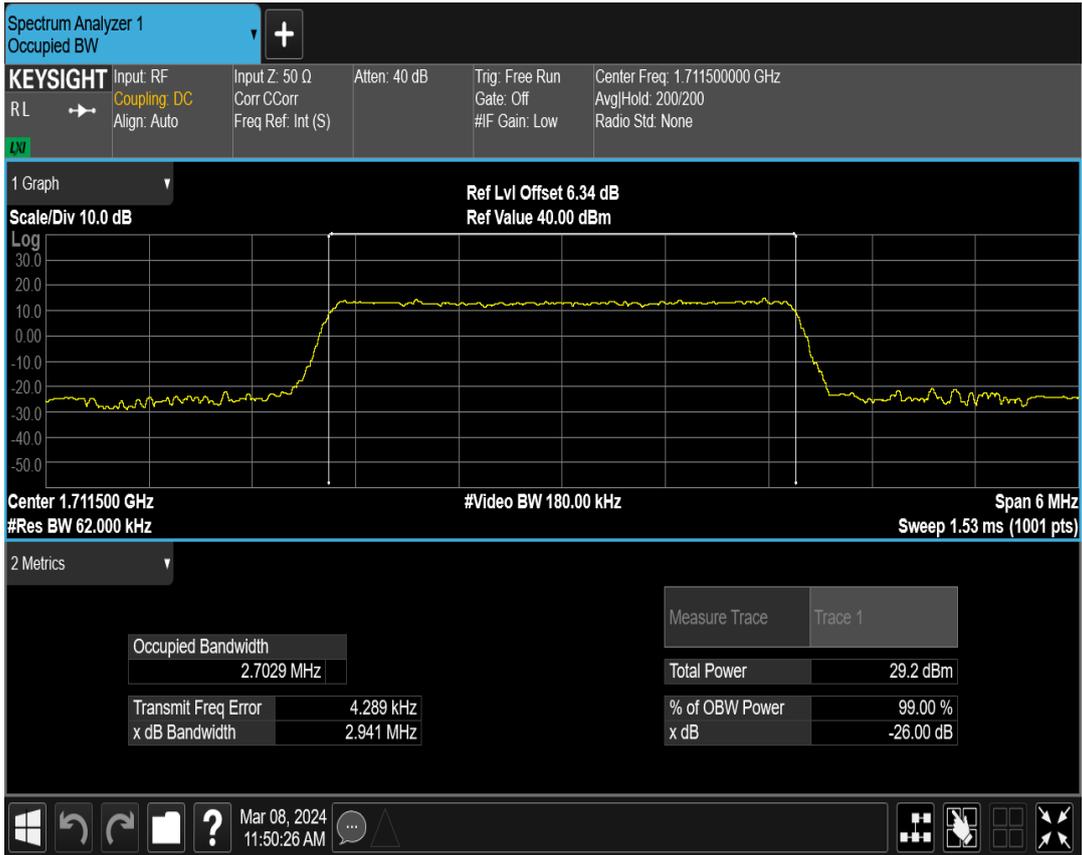
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Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



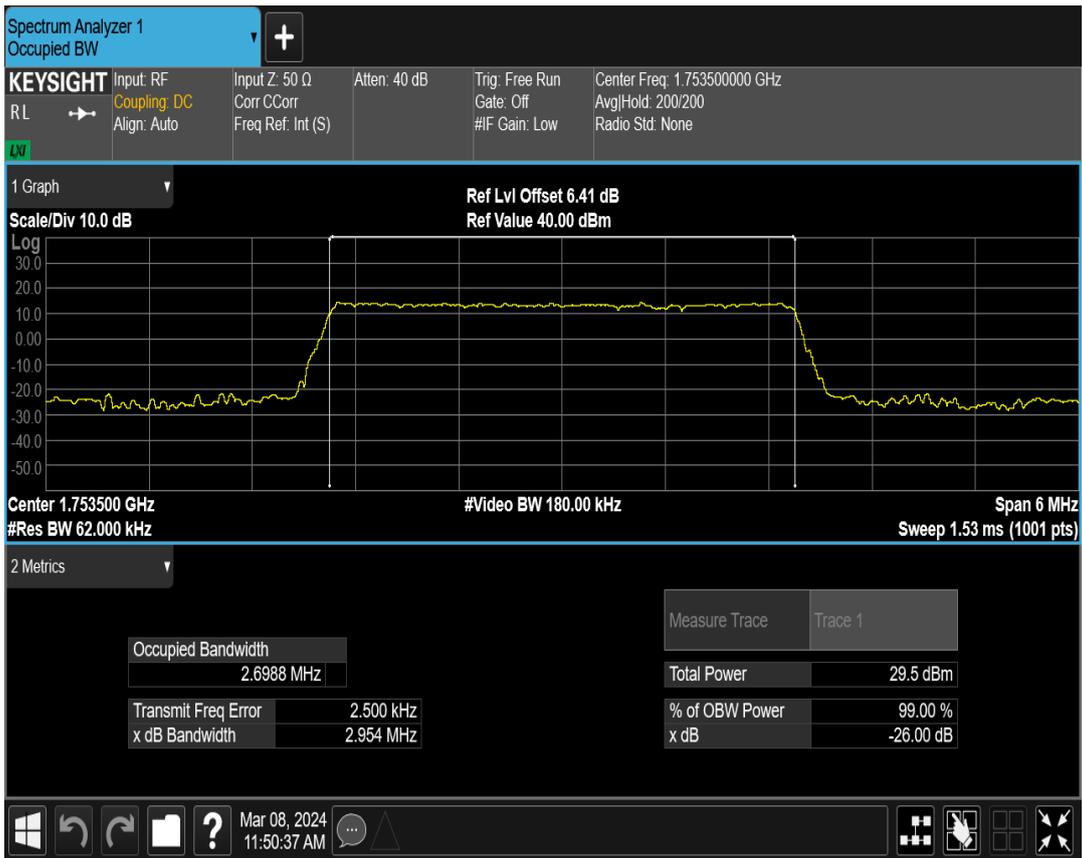
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



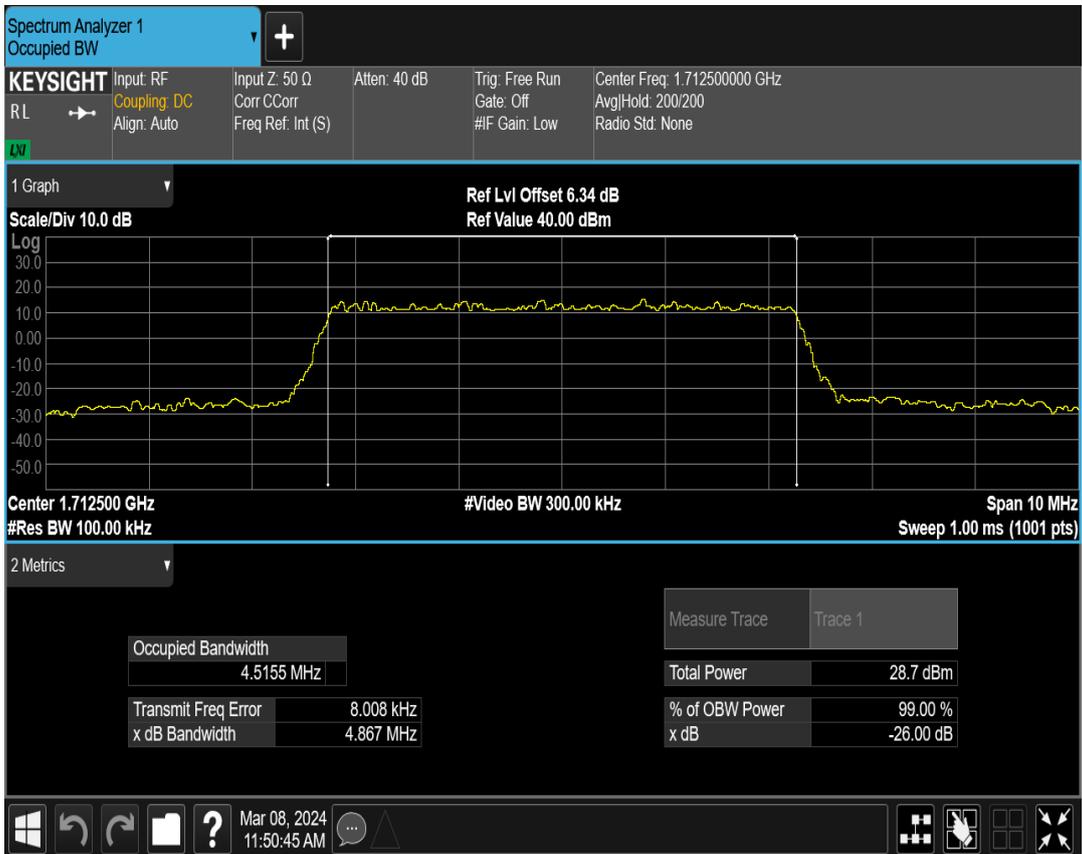
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



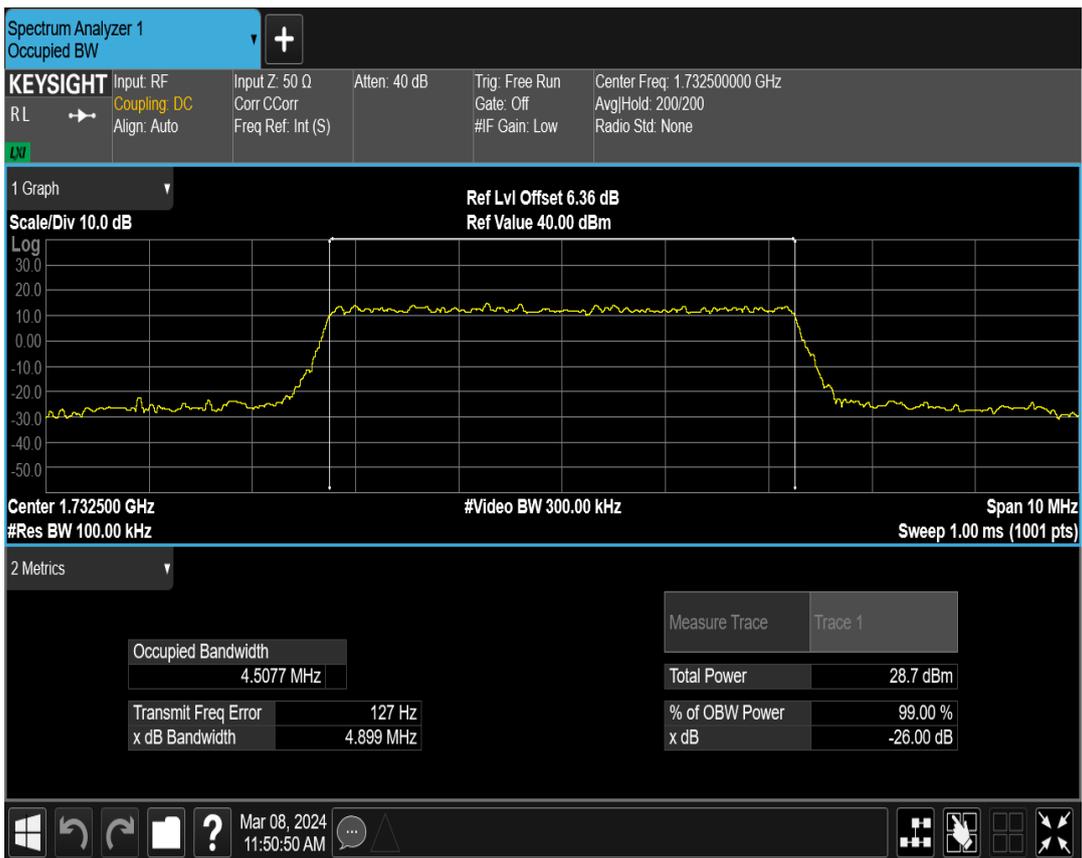
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



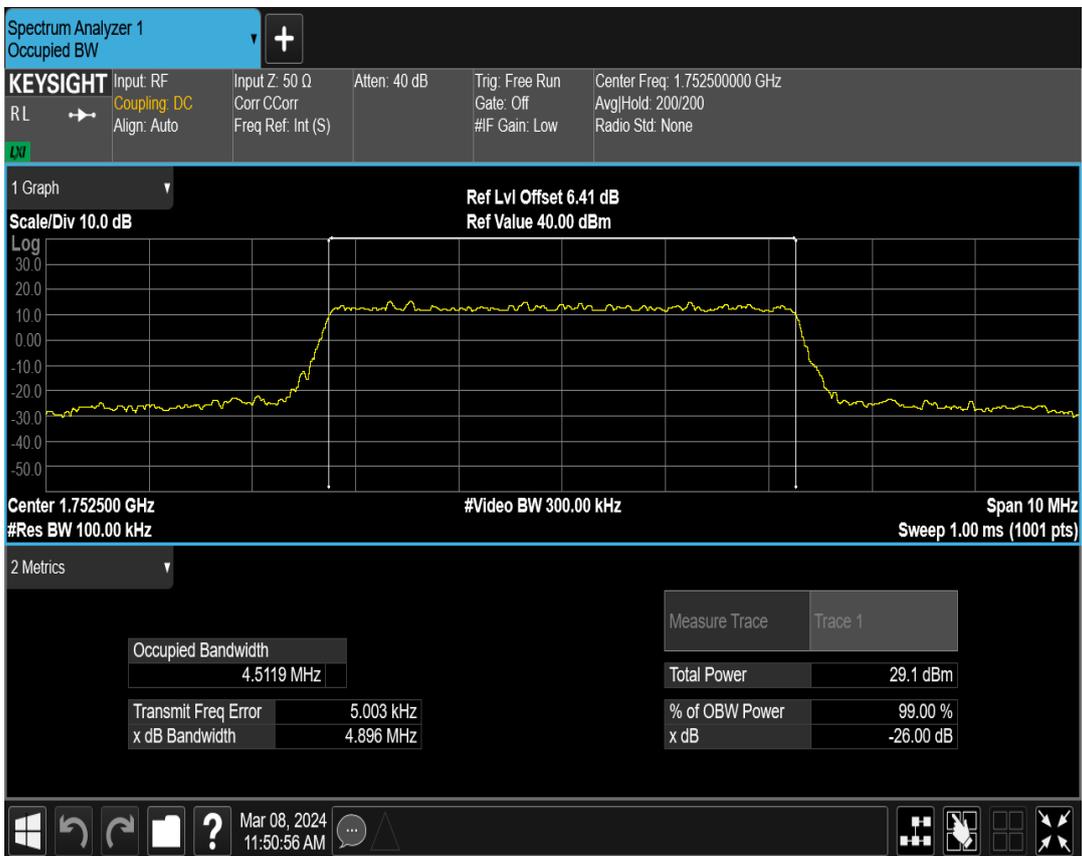
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



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



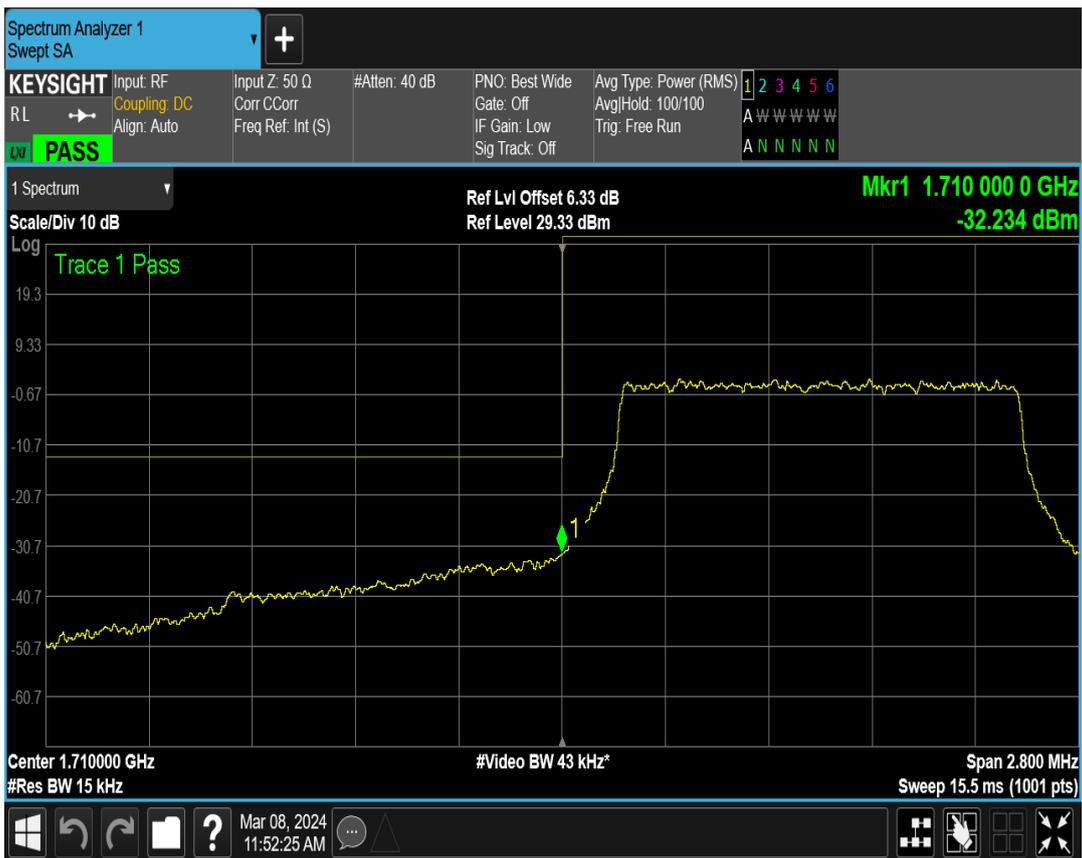
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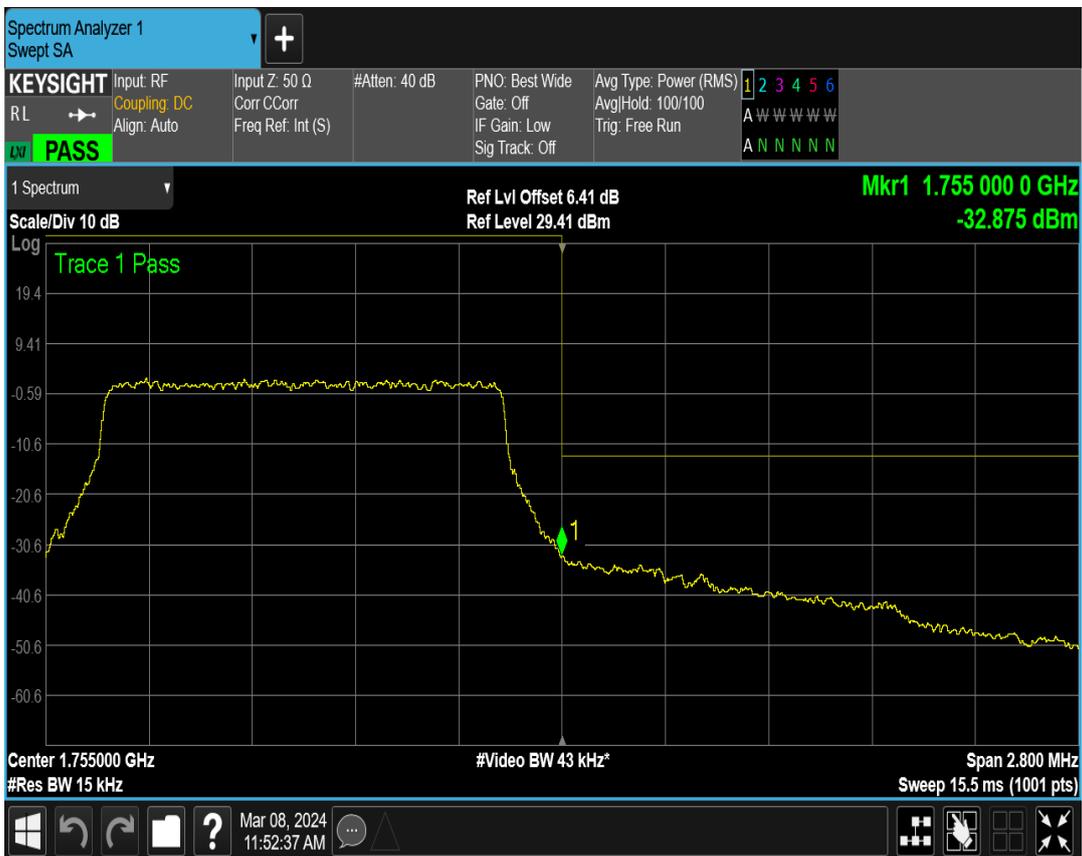
### 5 Band edge

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	-31.85	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1710.00	-32.23	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.01	-31.50	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.00	-32.87	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-31.68	-13	PASS
Band4	3	19965	15	#0	QAM16	1710.00	-32.83	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-32.33	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.00	-33.04	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-32.58	-13	PASS
Band4	5	19975	25	#0	QAM16	1710.00	-31.64	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-31.32	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.00	-32.19	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-35.67	-13	PASS
Band4	10	20000	50	#0	QAM16	1709.90	-35.04	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-32.90	-13	PASS
Band4	10	20350	50	#0	QAM16	1755.10	-34.28	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.91	-35.60	-13	PASS
Band4	15	20025	75	#0	QAM16	1710.00	-35.21	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.60	-33.71	-13	PASS
Band4	15	20325	75	#0	QAM16	1755.00	-34.01	-13	PASS
Band4	20	20050	100	#0	QPSK	1710.00	-36.54	-13	PASS
Band4	20	20050	100	#0	QAM16	1709.92	-35.44	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.16	-34.11	-13	PASS
Band4	20	20300	100	#0	QAM16	1755.16	-34.42	-13	PASS

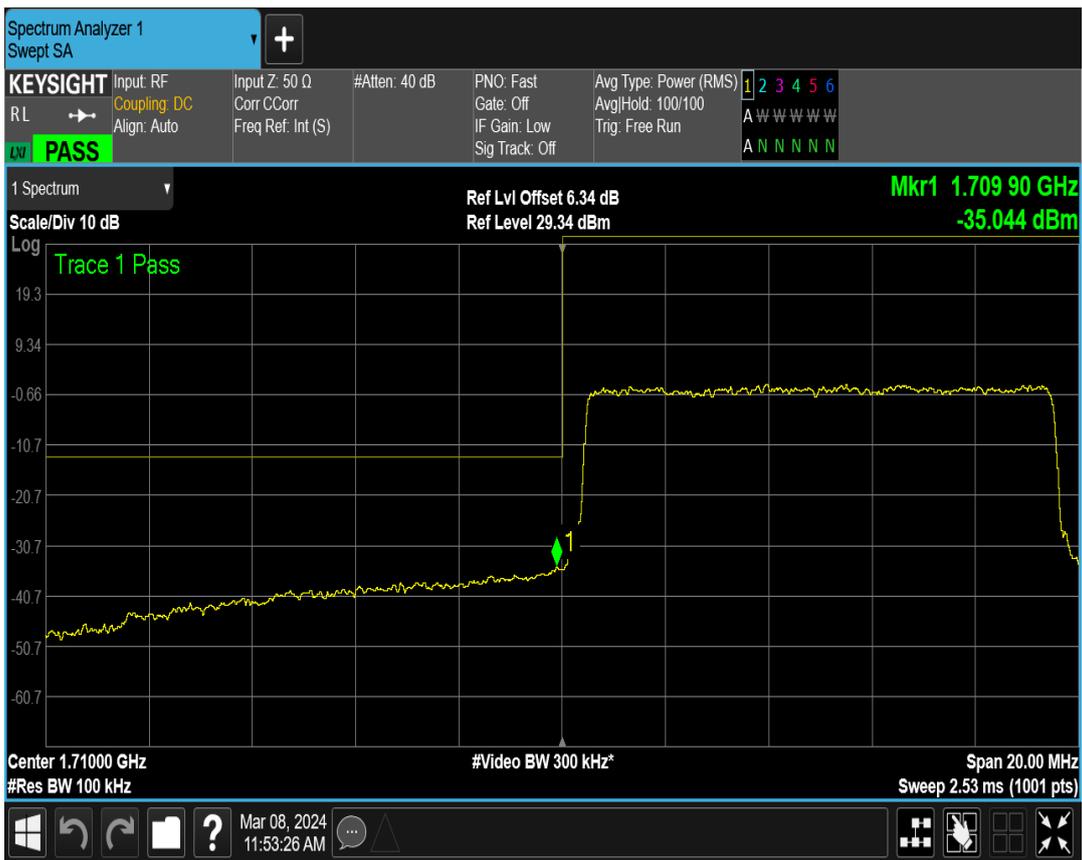
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



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



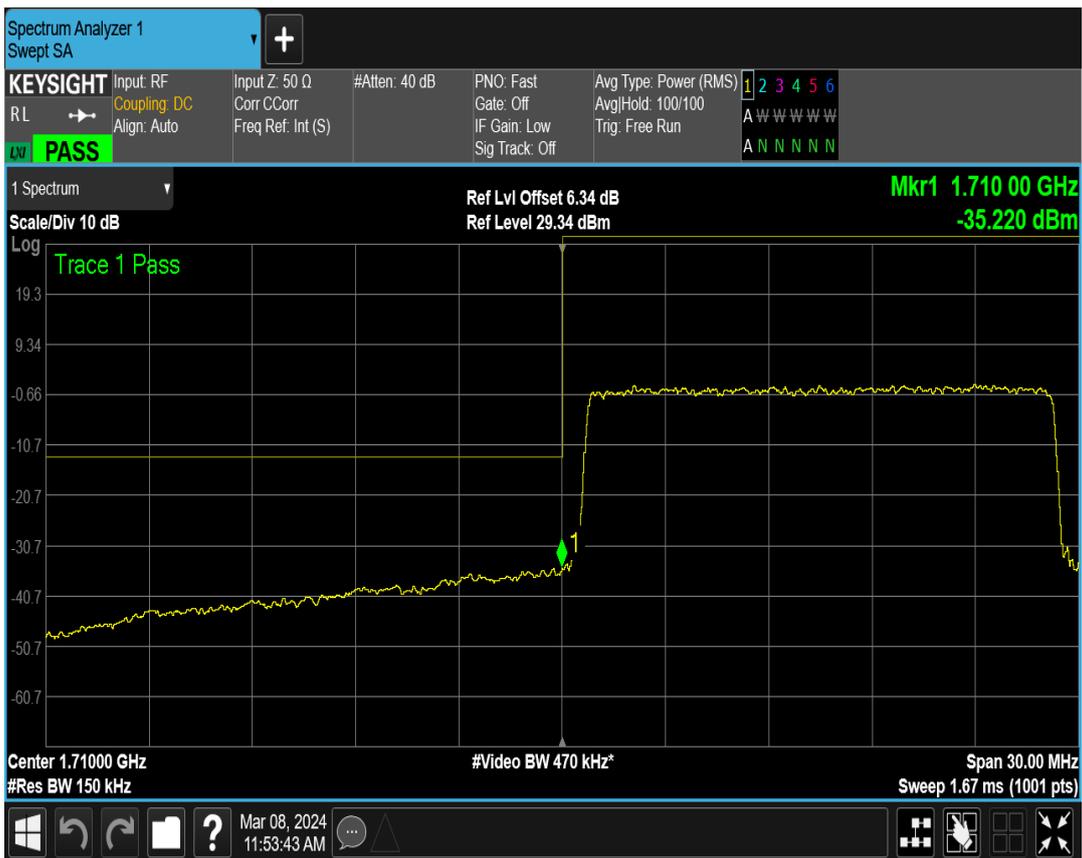
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Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



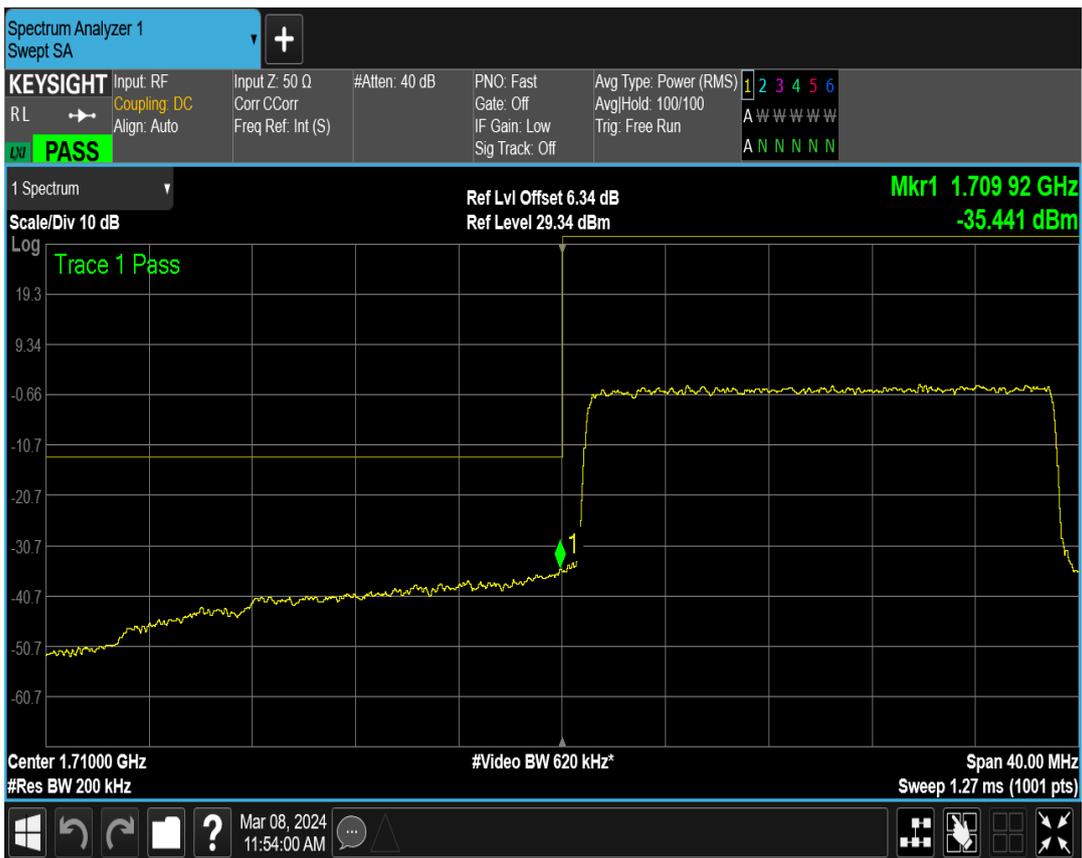
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



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



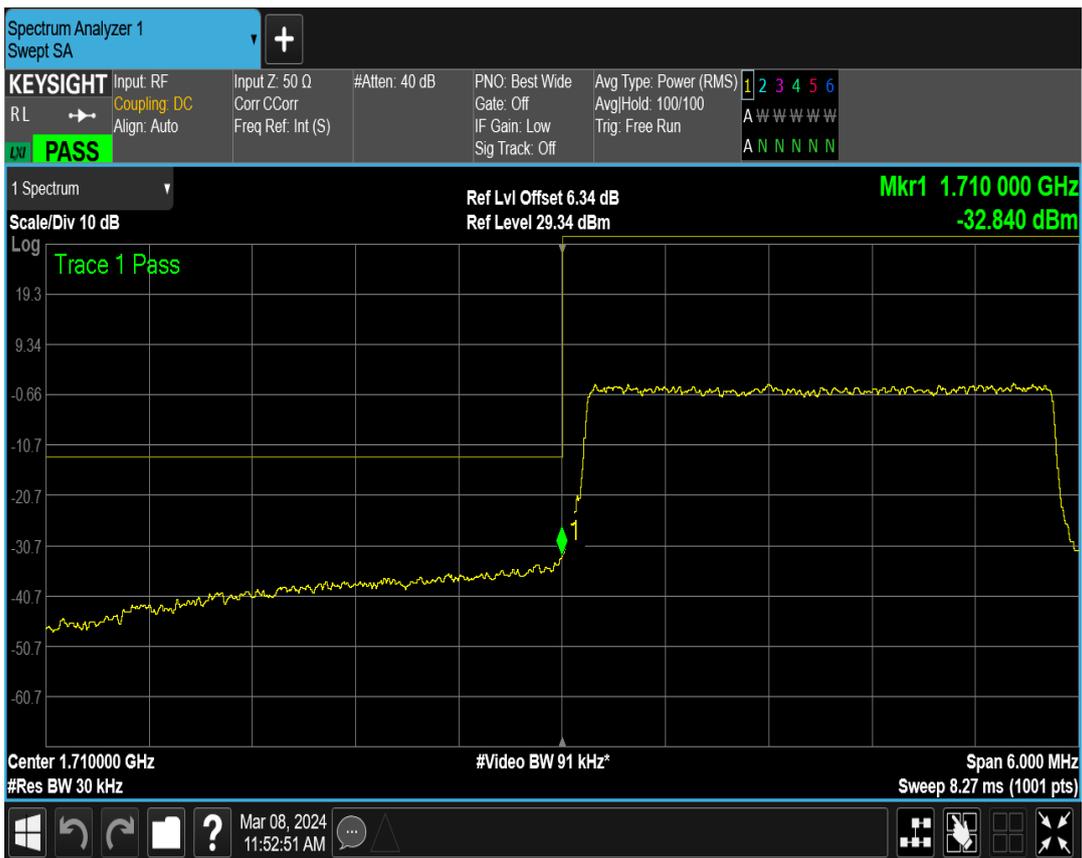
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Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



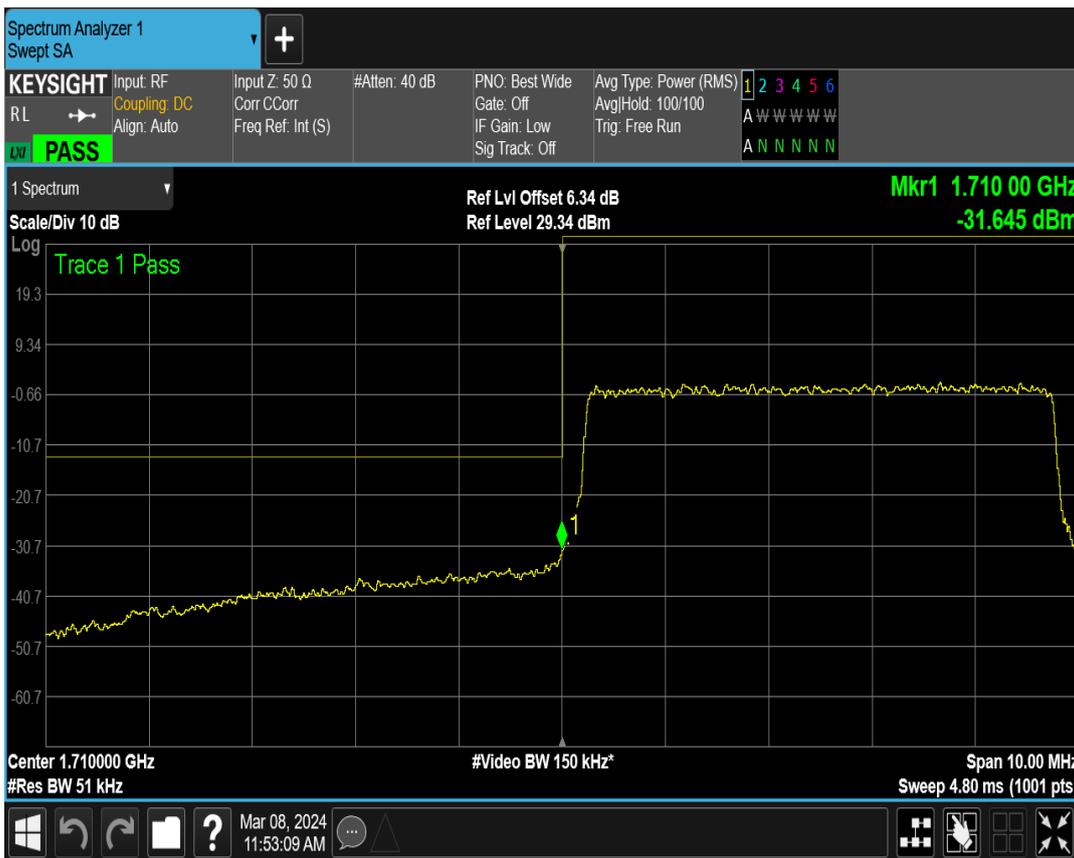
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



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



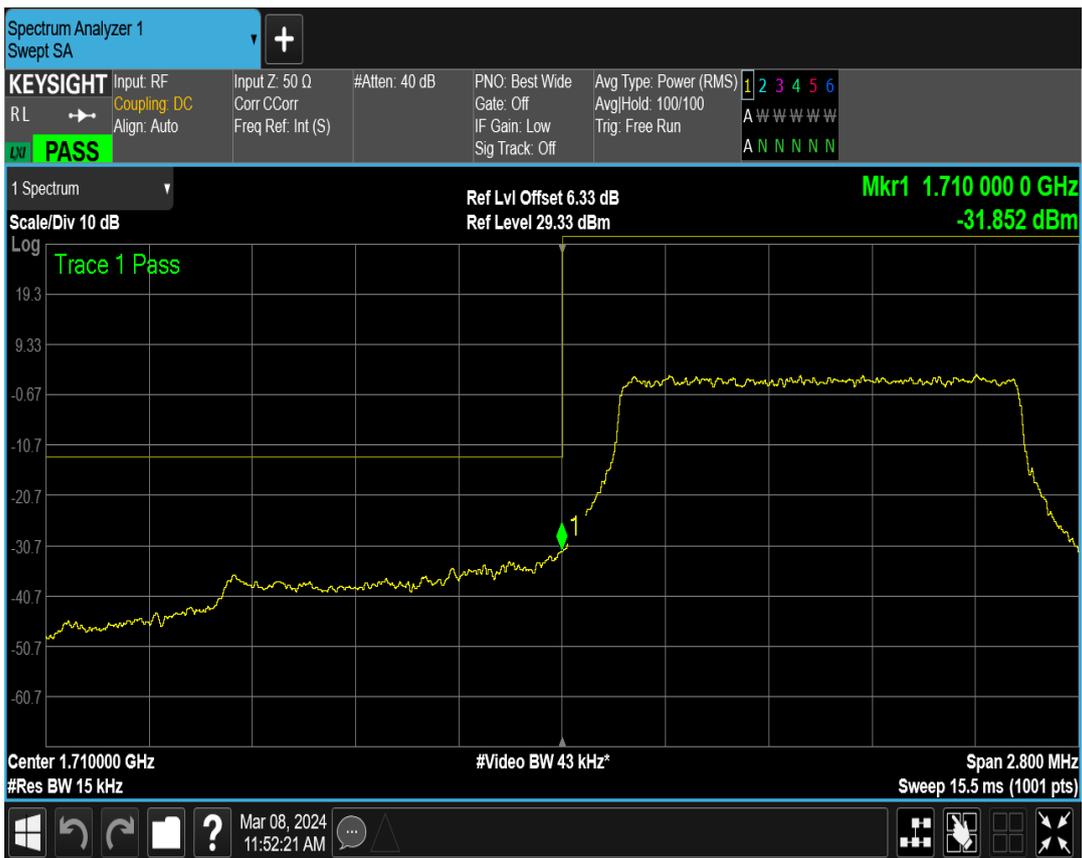
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



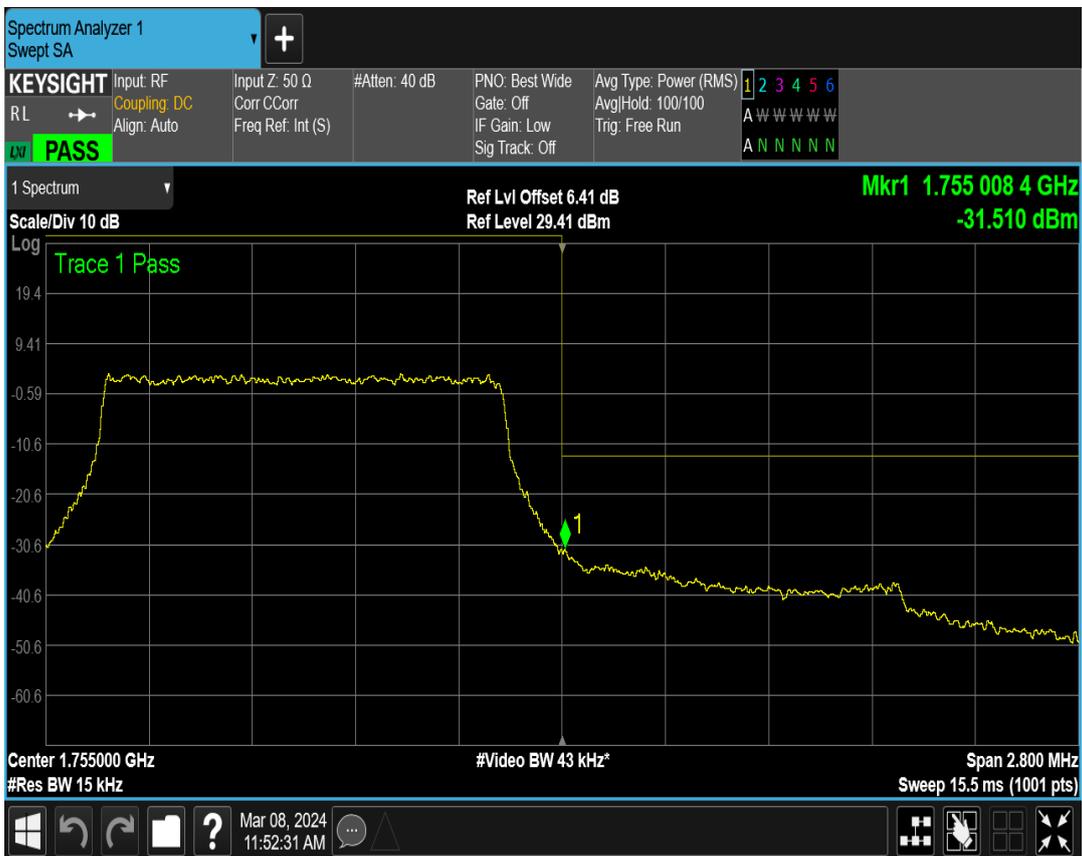
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



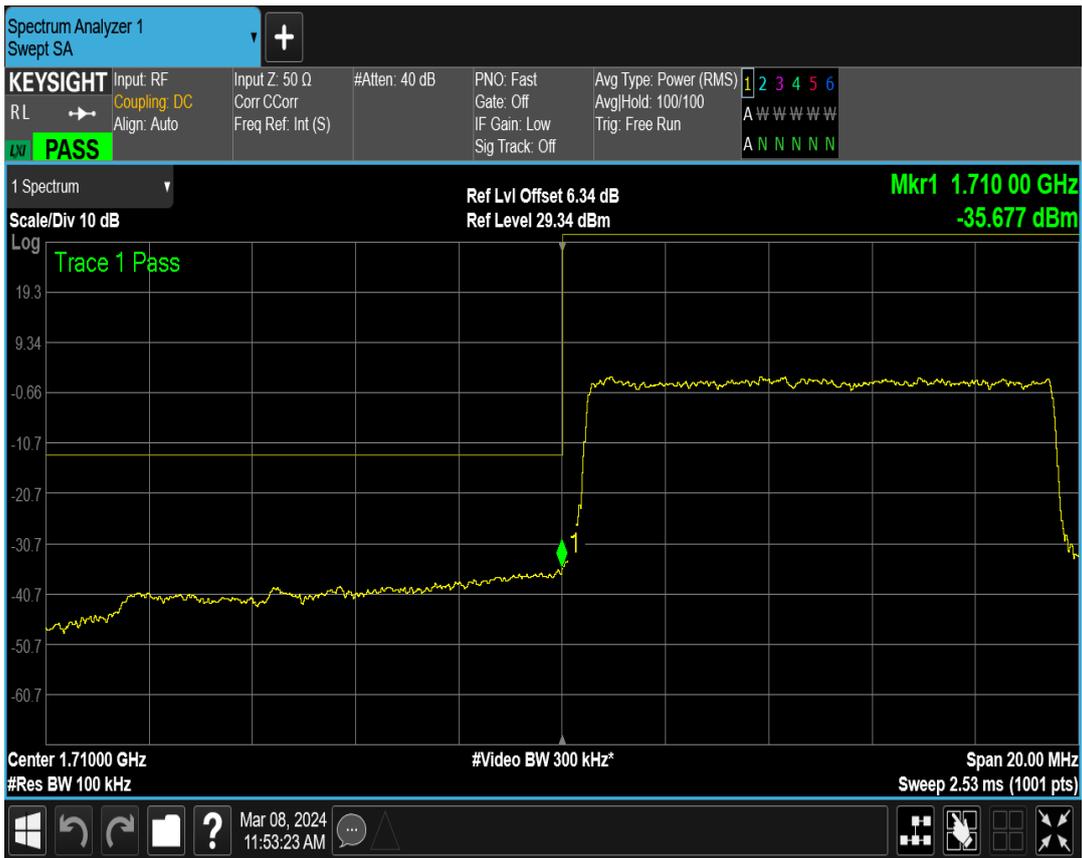
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



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



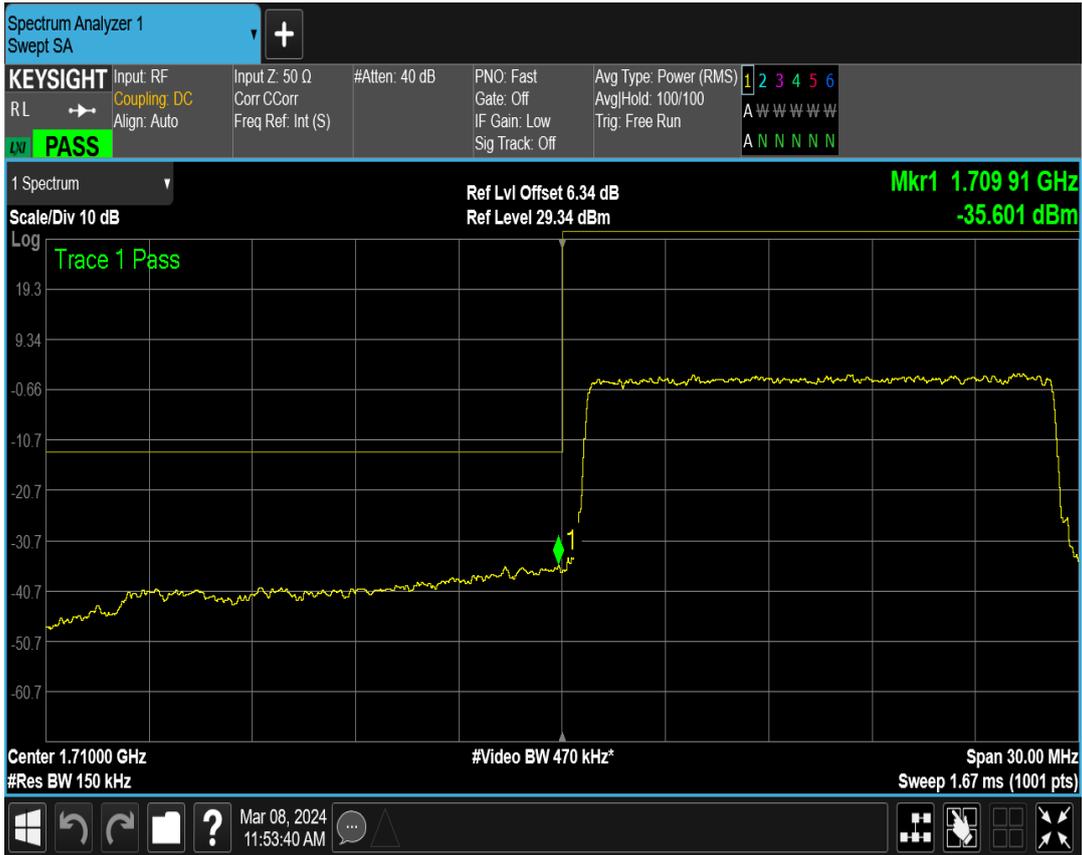
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Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



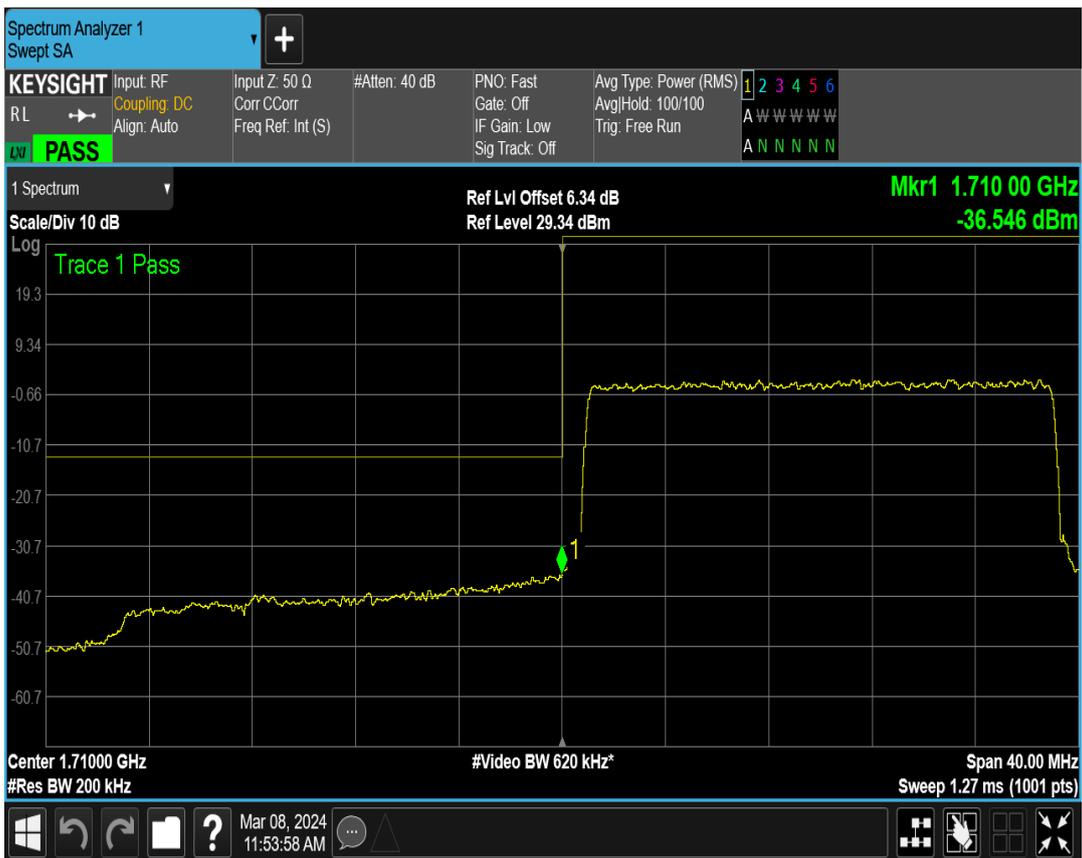
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



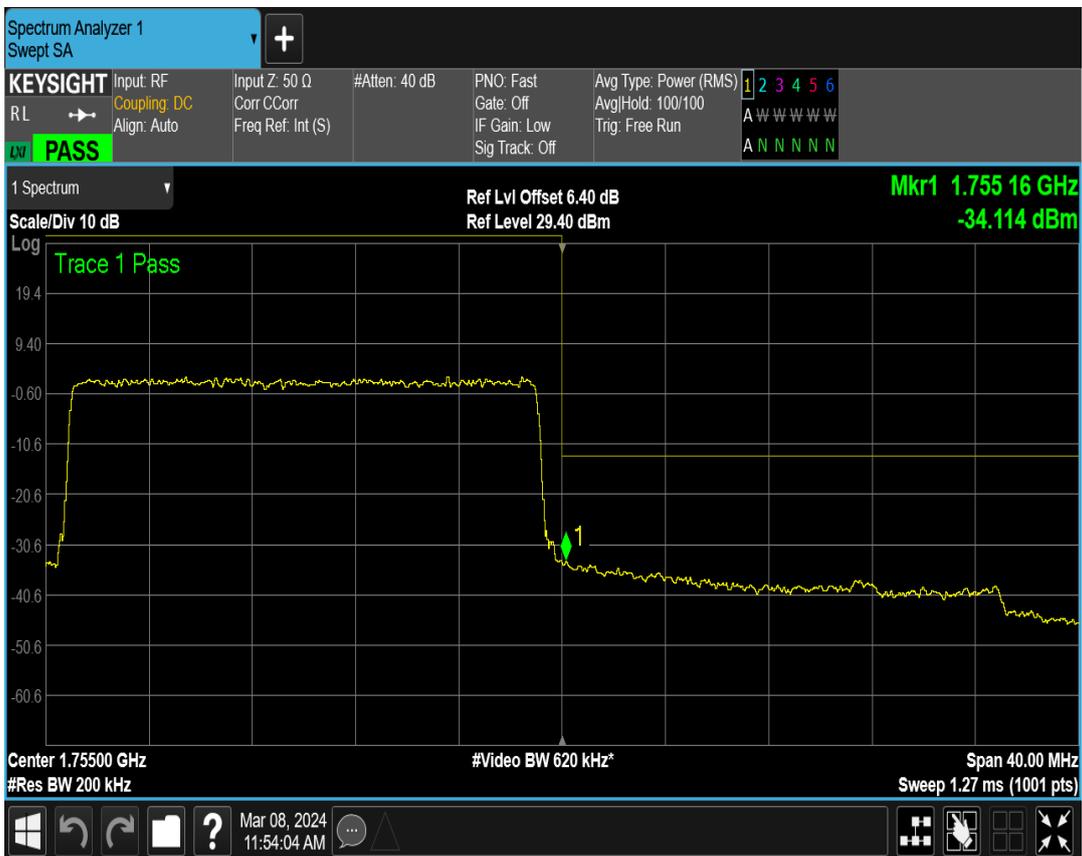
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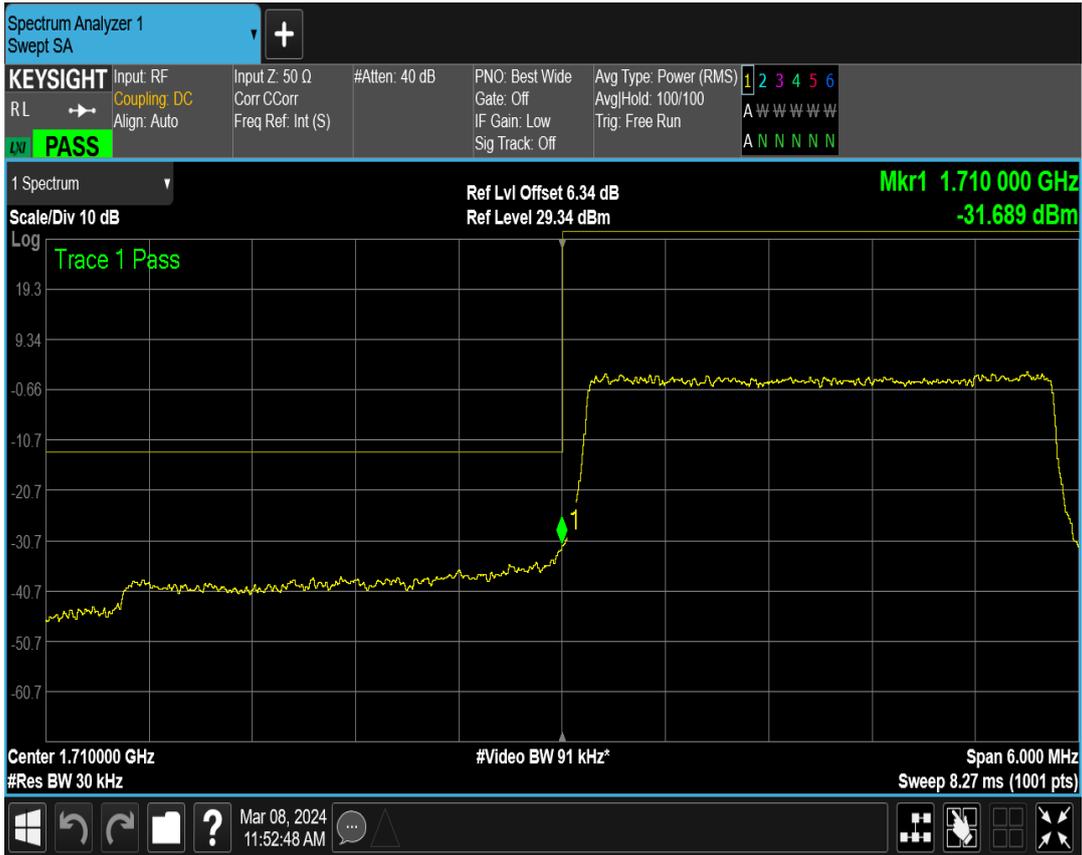
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



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



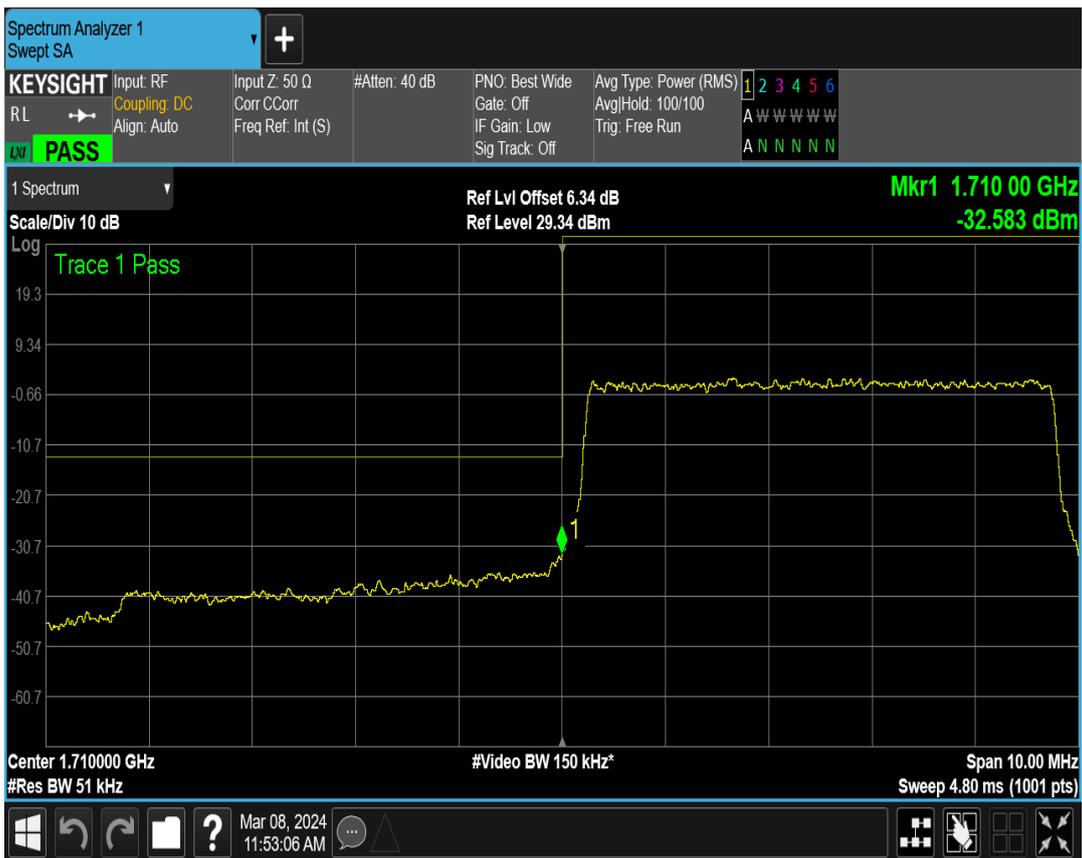
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



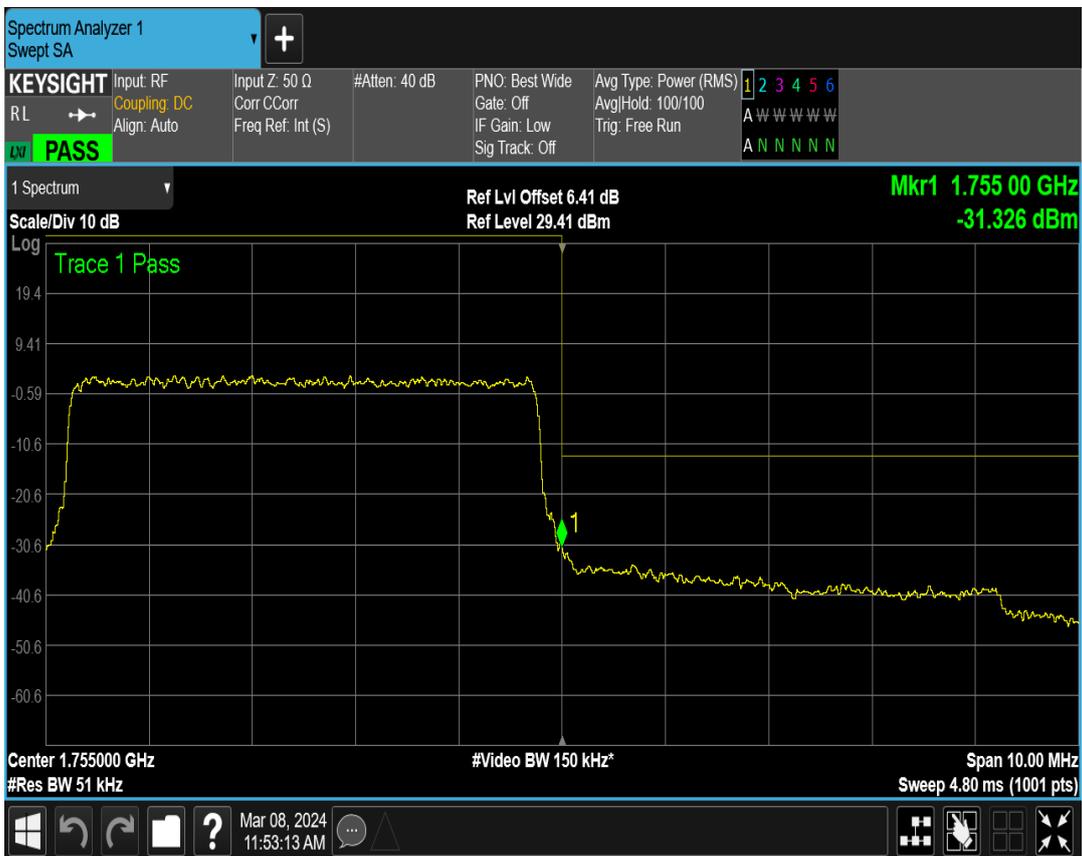
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



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



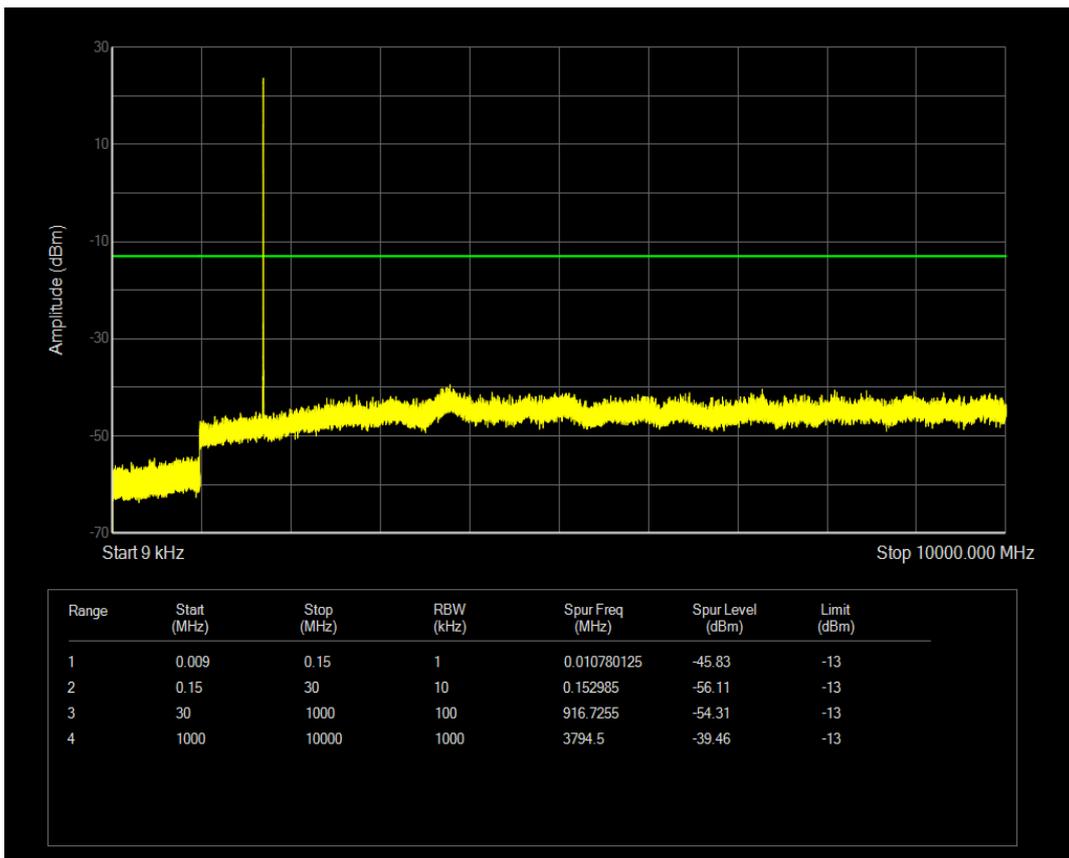
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



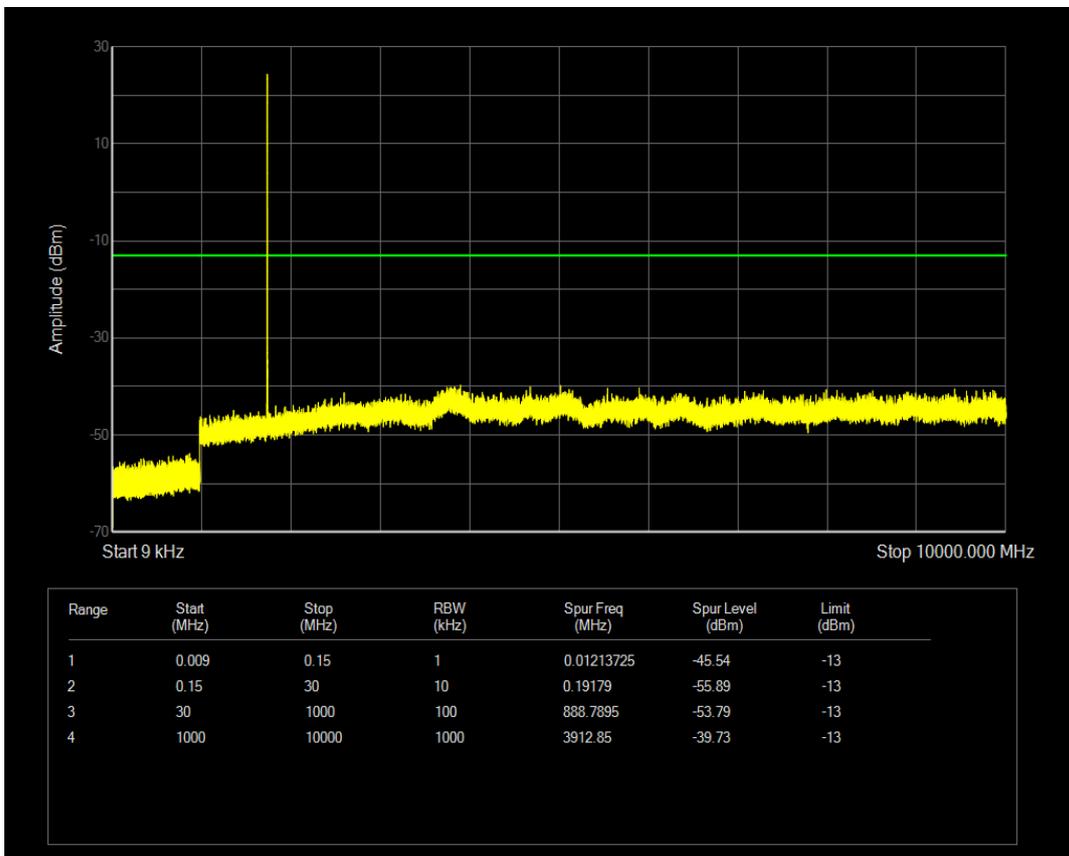
**6 Out-of-band emissions**

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	3810.25	-39.95	-13	PASS
Band4	1.4	19957	6	#0	QAM16	3794.50	-39.46	-13	PASS
Band4	1.4	20393	6	#0	QPSK	3835.23	-39.25	-13	PASS
Band4	1.4	20393	6	#0	QAM16	3912.85	-39.73	-13	PASS
Band4	3	19965	15	#0	QPSK	3759.40	-37.94	-13	PASS
Band4	3	19965	15	#0	QAM16	5060.35	-40.08	-13	PASS
Band4	3	20385	15	#0	QPSK	3844.90	-39.07	-13	PASS
Band4	3	20385	15	#0	QAM16	3798.78	-39.30	-13	PASS
Band4	5	19975	25	#0	QPSK	4936.15	-39.12	-13	PASS
Band4	5	19975	25	#0	QAM16	3706.53	-39.07	-13	PASS
Band4	5	20375	25	#0	QPSK	3838.38	-39.19	-13	PASS
Band4	5	20375	25	#0	QAM16	3768.18	-39.07	-13	PASS
Band4	10	20000	50	#0	QPSK	3693.03	-39.34	-13	PASS
Band4	10	20000	50	#0	QAM16	3785.28	-39.75	-13	PASS
Band4	10	20350	50	#0	QPSK	3767.95	-39.07	-13	PASS
Band4	10	20350	50	#0	QAM16	7982.88	-39.58	-13	PASS
Band4	15	20025	75	#0	QPSK	3852.78	-39.89	-13	PASS
Band4	15	20025	75	#0	QAM16	3801.25	-39.62	-13	PASS
Band4	15	20325	75	#0	QPSK	3809.13	-39.49	-13	PASS
Band4	15	20325	75	#0	QAM16	3789.78	-40.04	-13	PASS
Band4	20	20050	100	#0	QPSK	3825.33	-39.72	-13	PASS
Band4	20	20050	100	#0	QAM16	3785.50	-39.21	-13	PASS
Band4	20	20300	100	#0	QPSK	3846.70	-39.40	-13	PASS
Band4	20	20300	100	#0	QAM16	3760.75	-39.16	-13	PASS

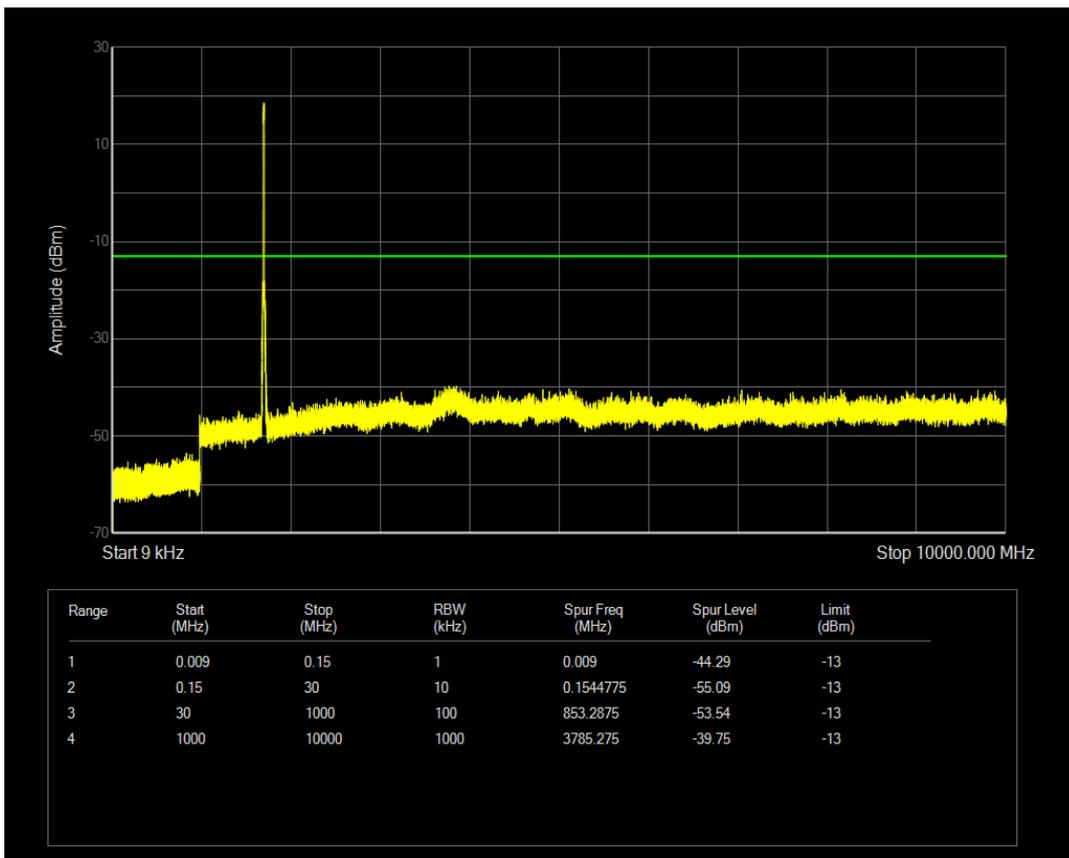
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



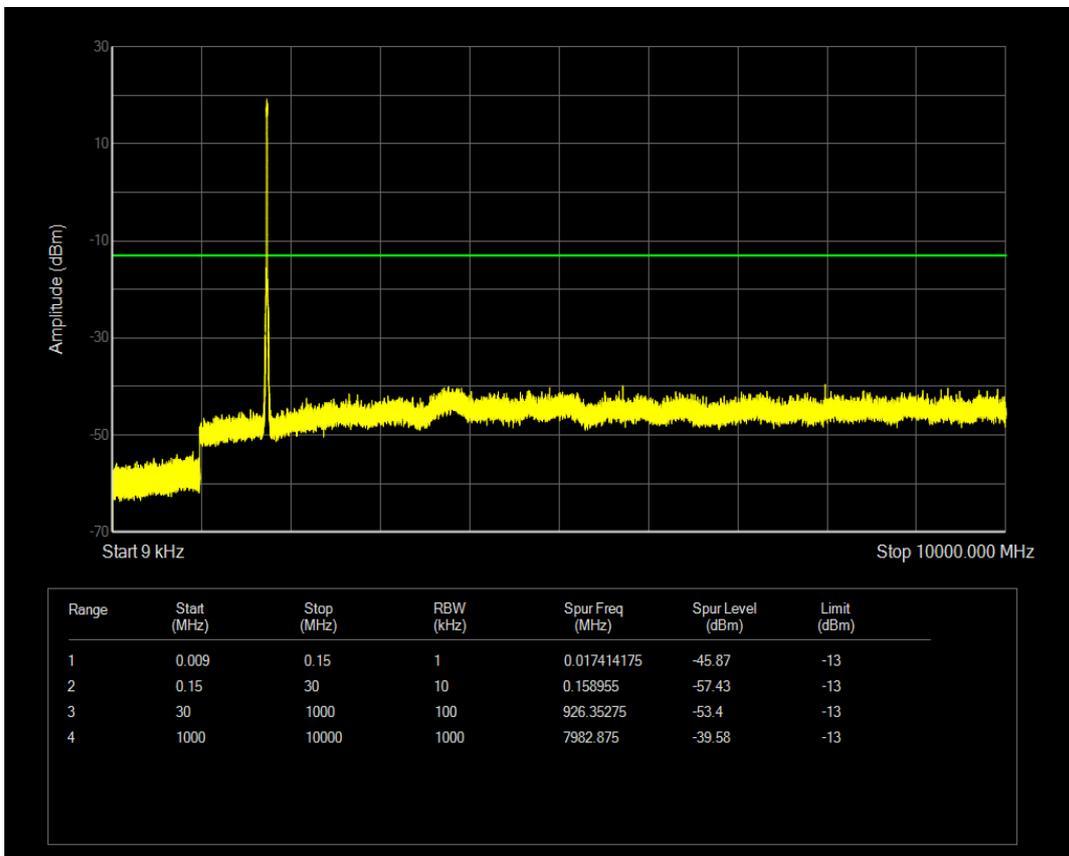
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



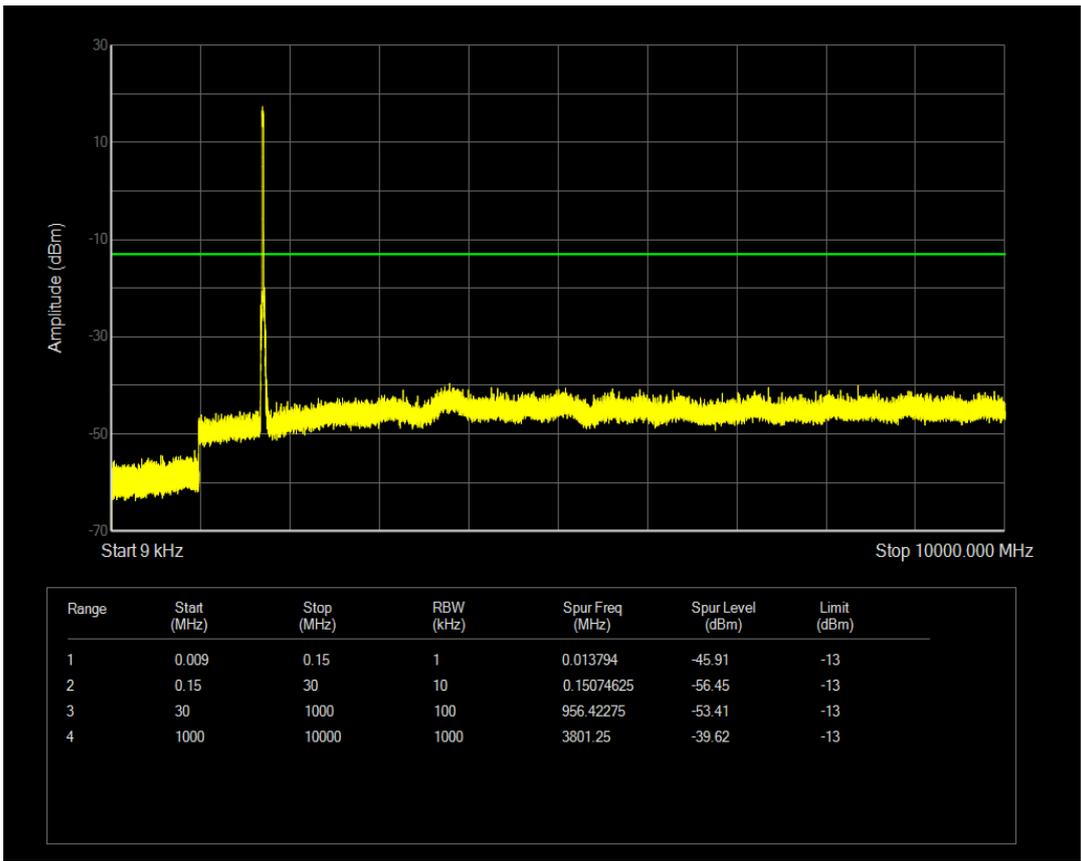
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



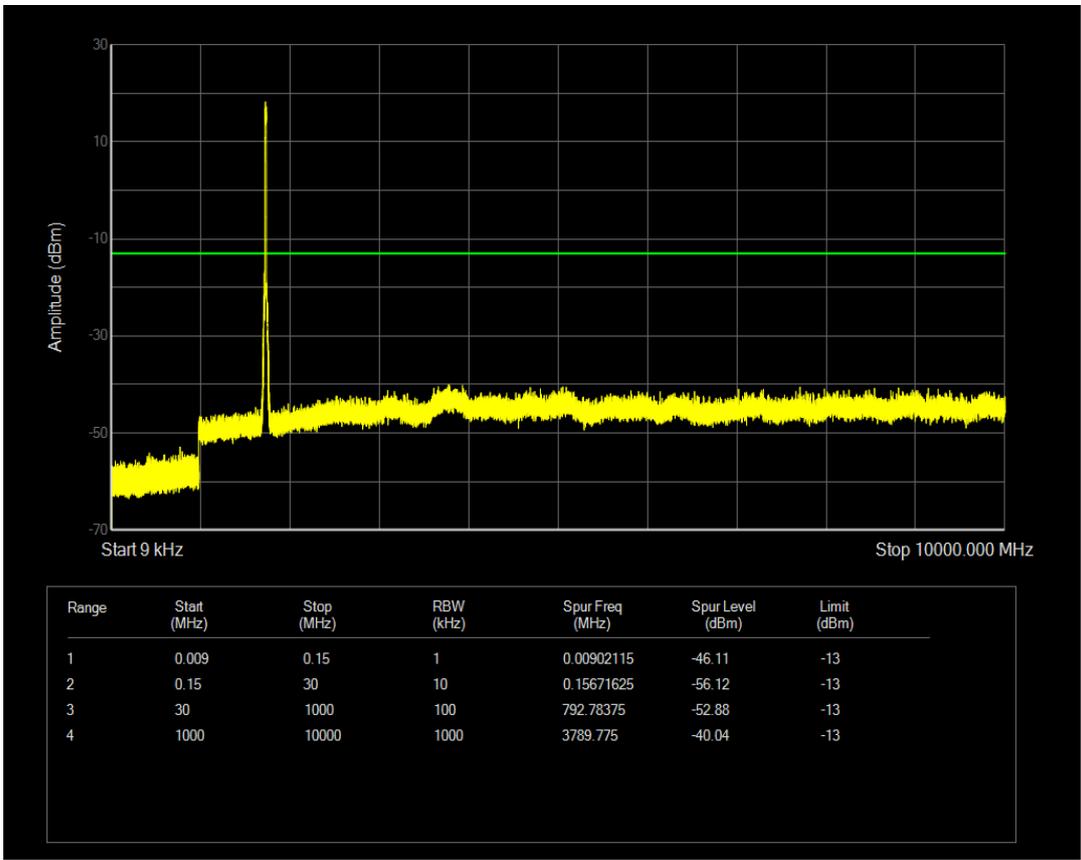
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



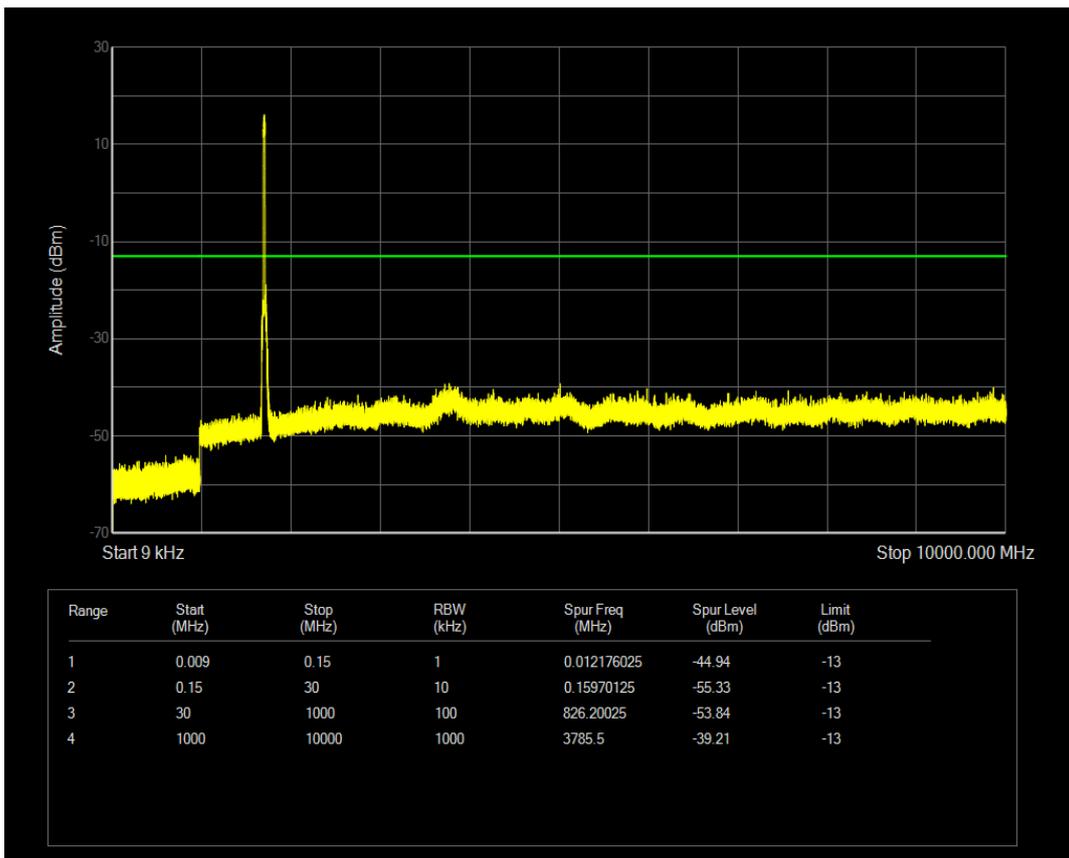
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



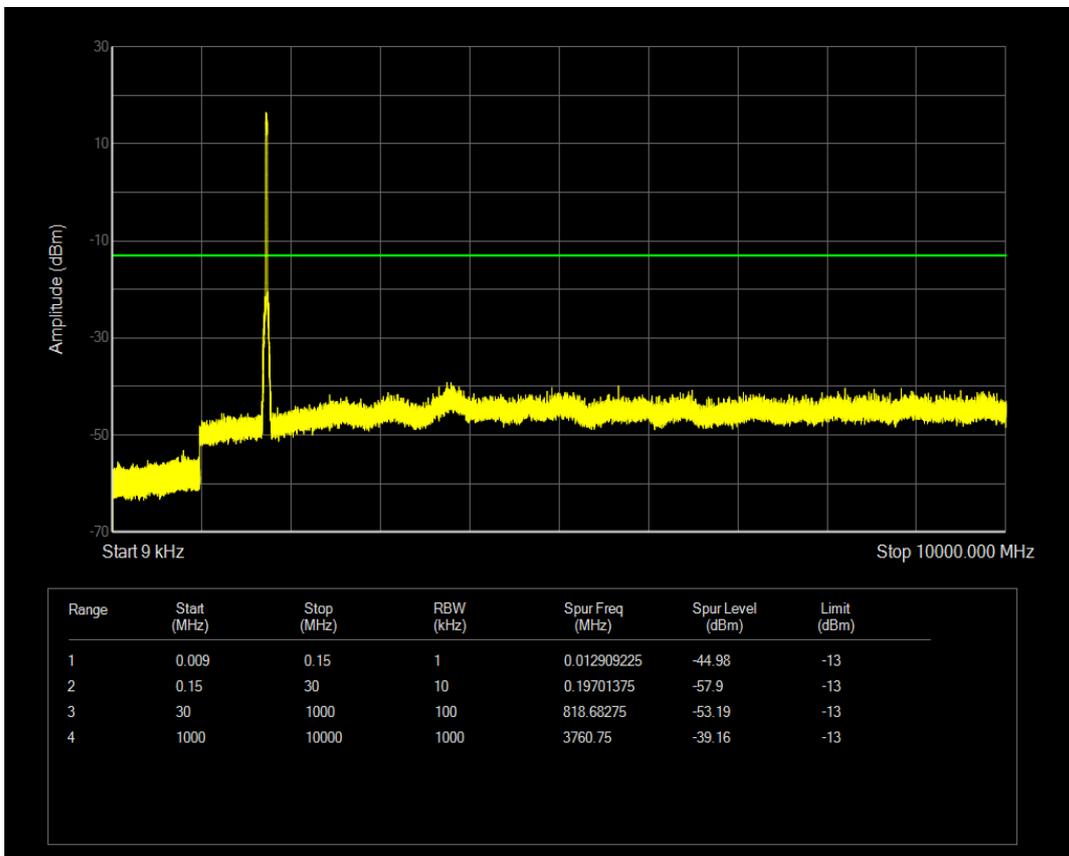
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



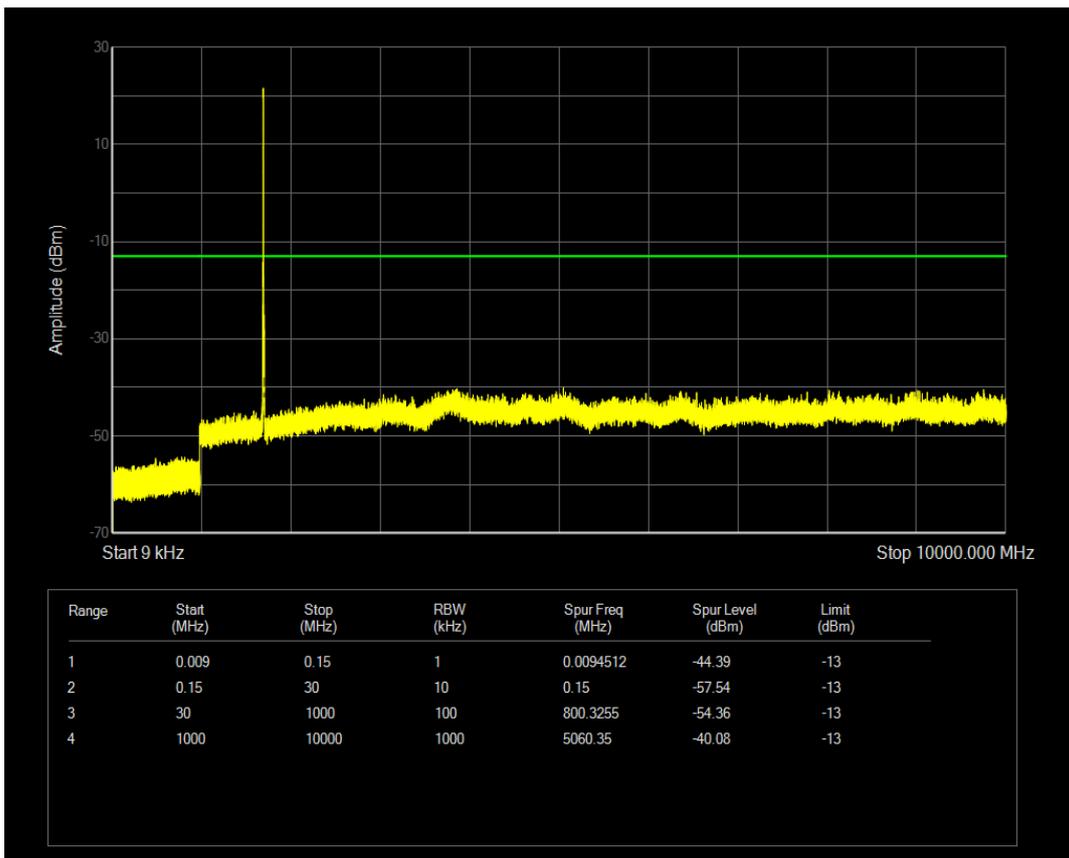
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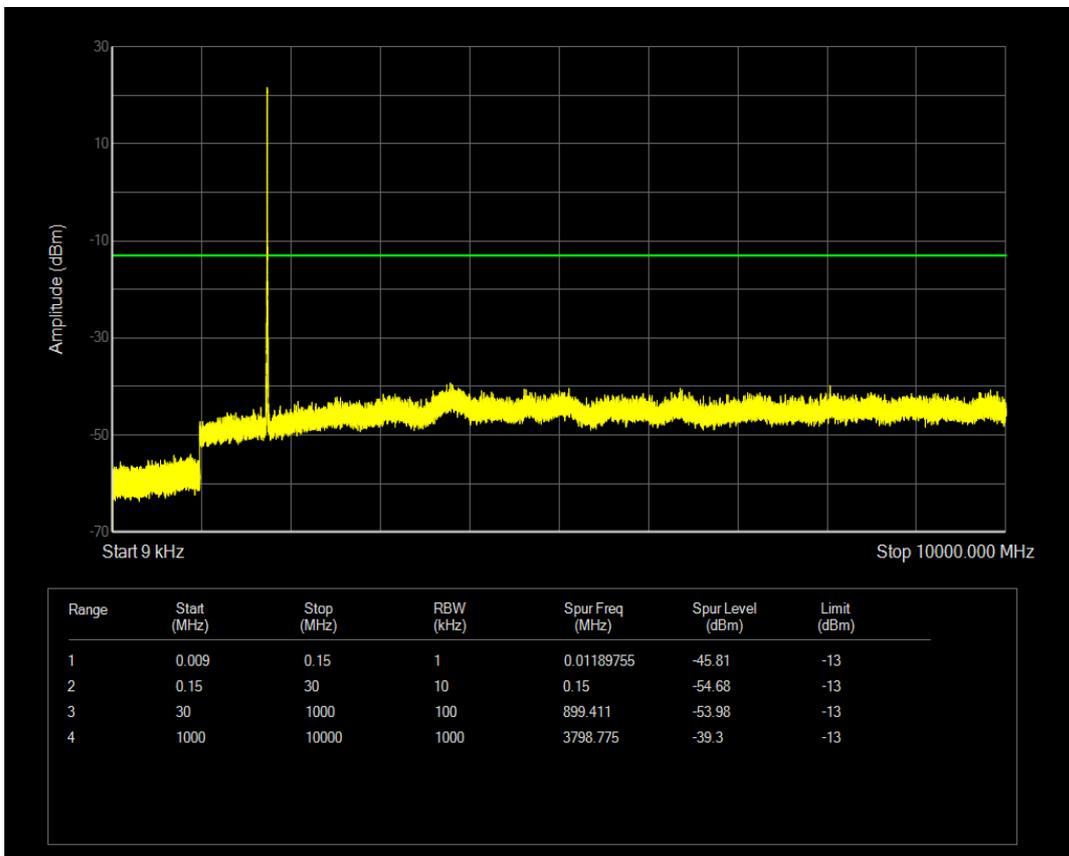
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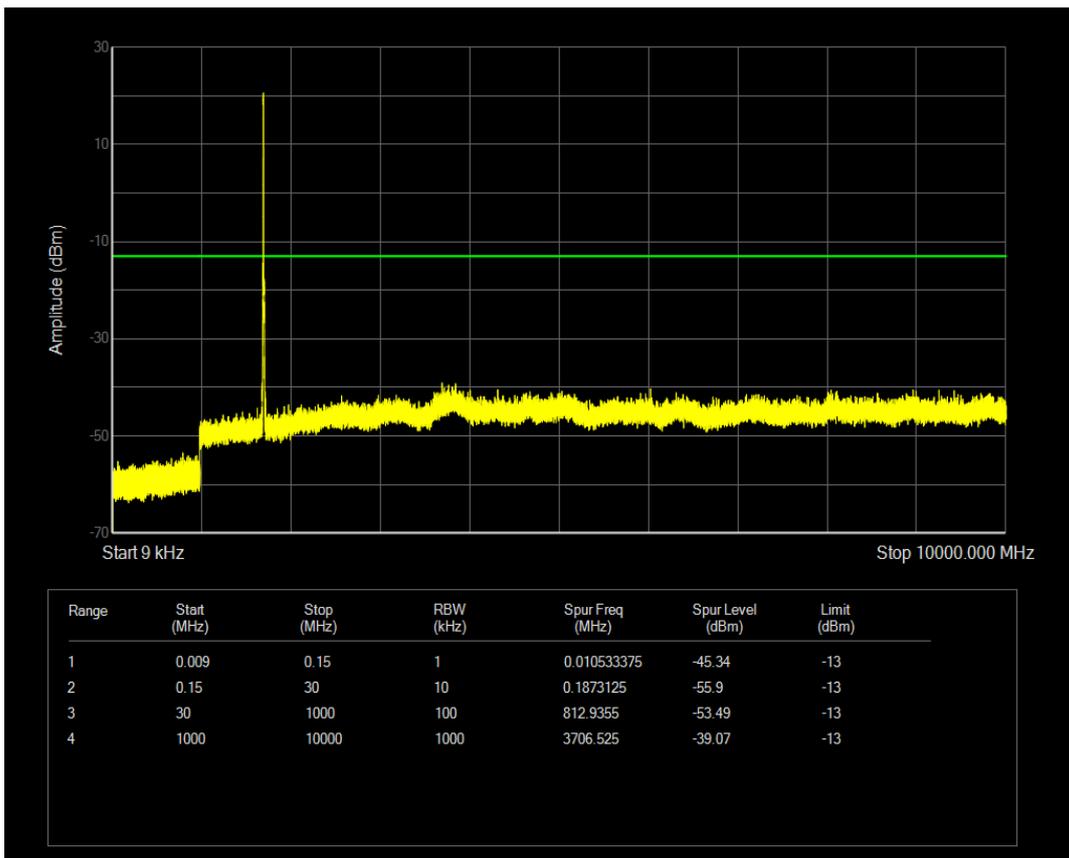
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



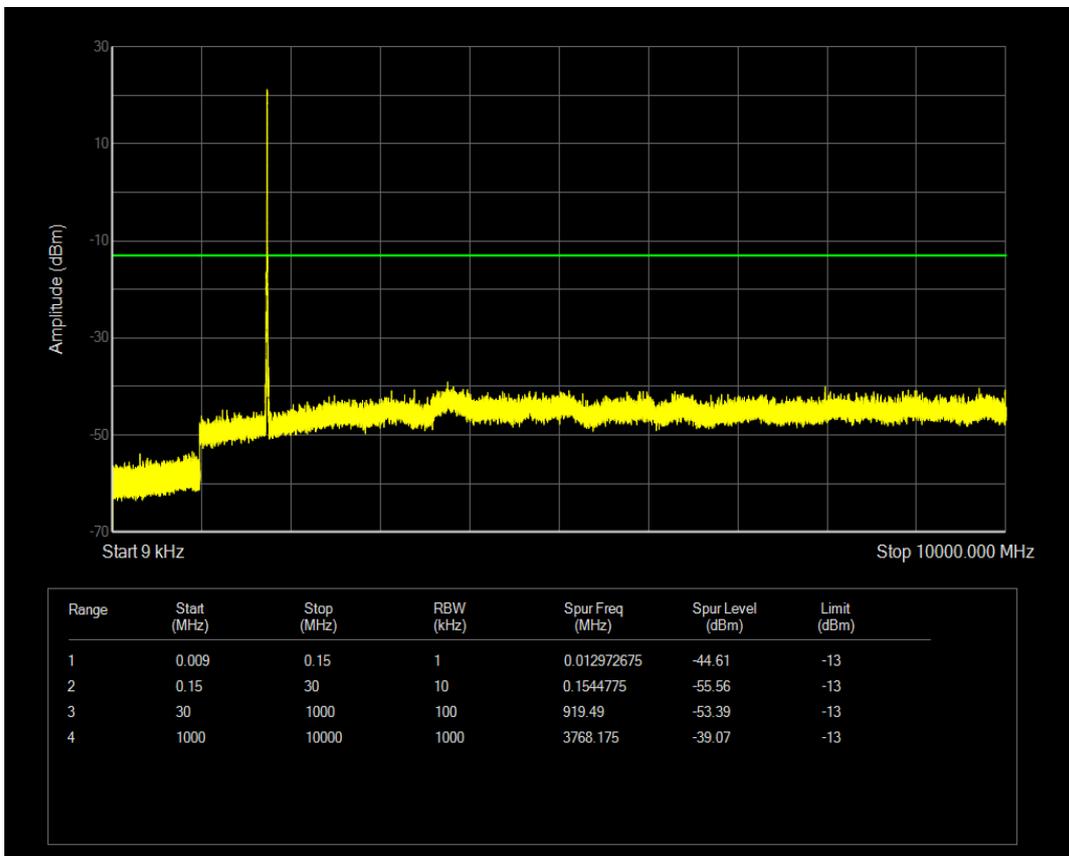
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



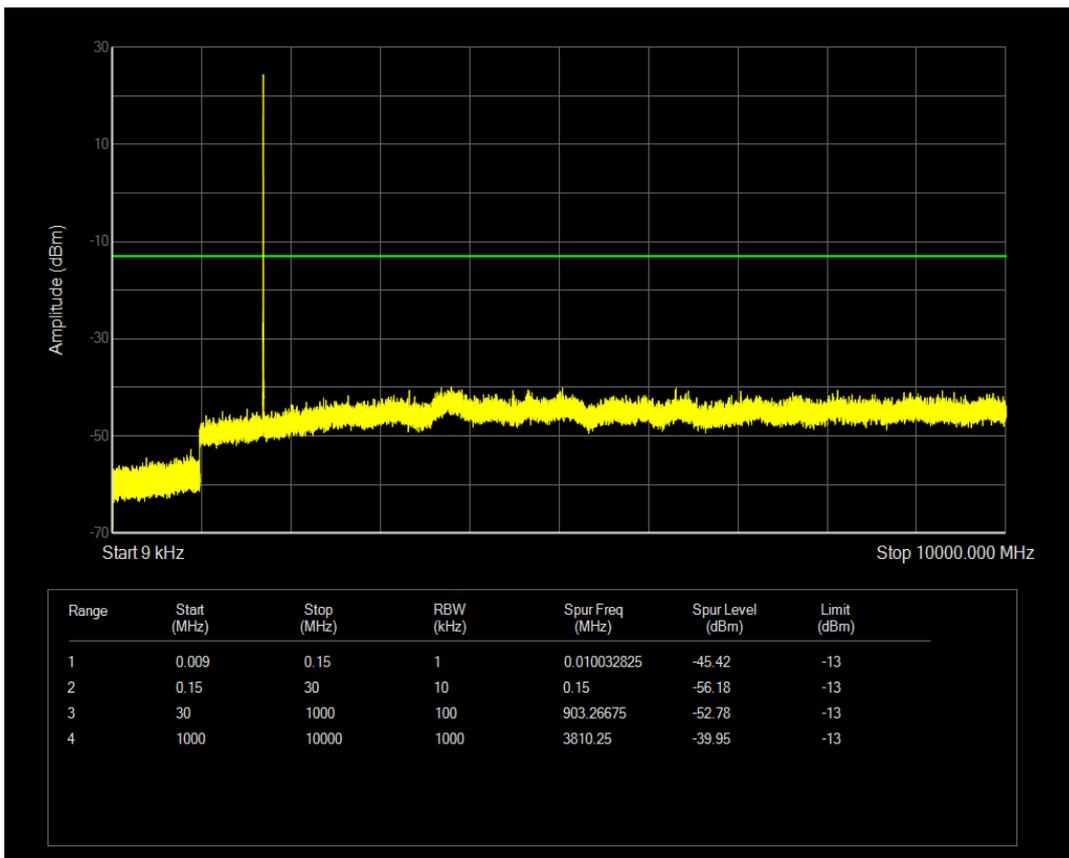
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



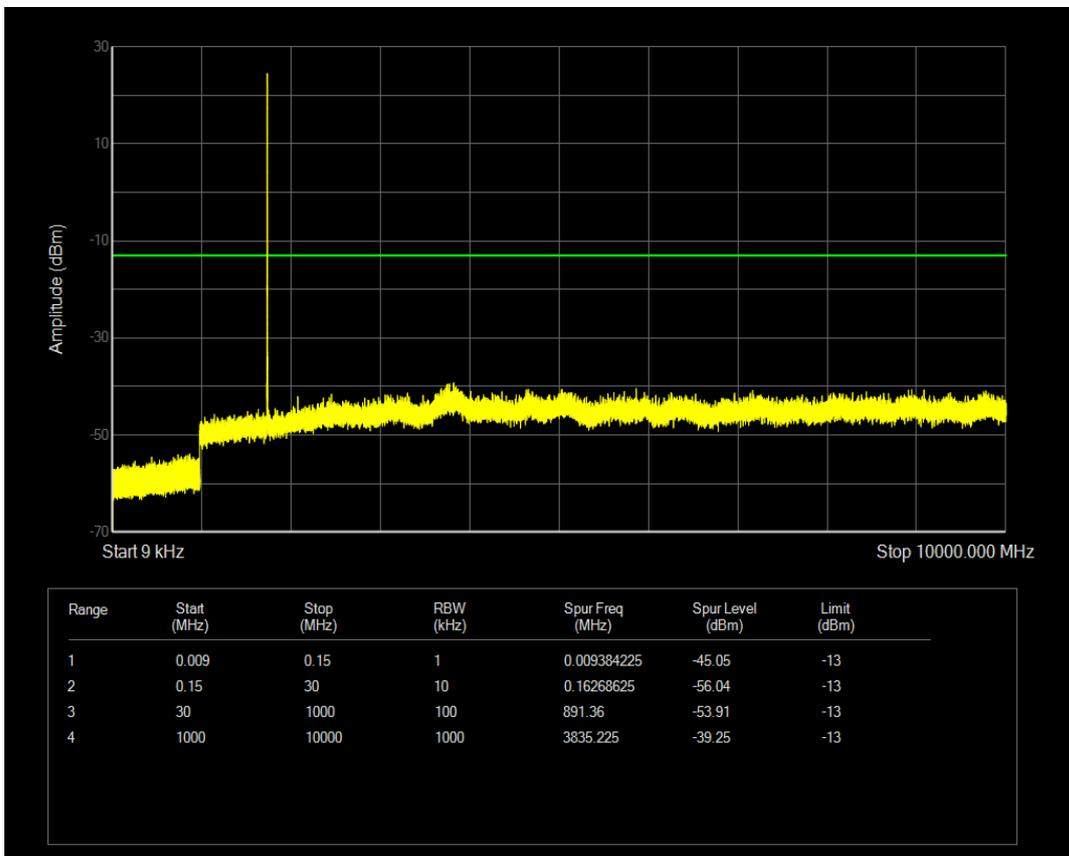
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



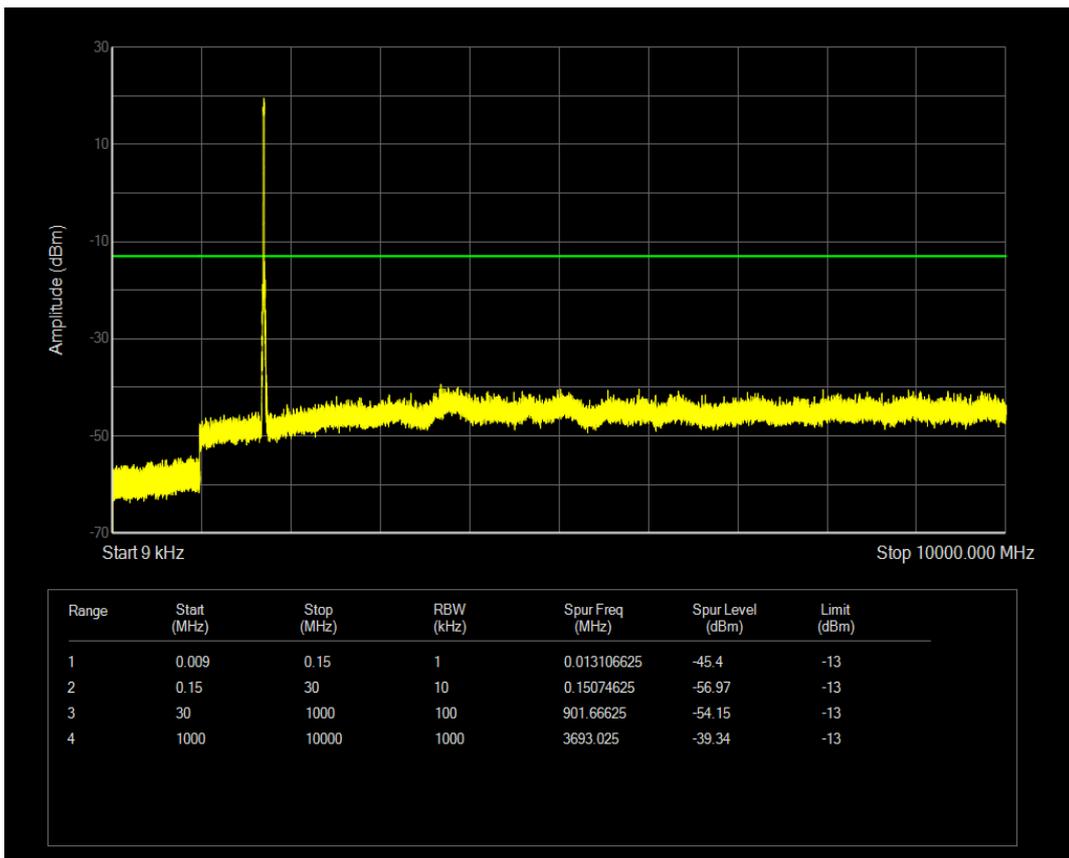
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



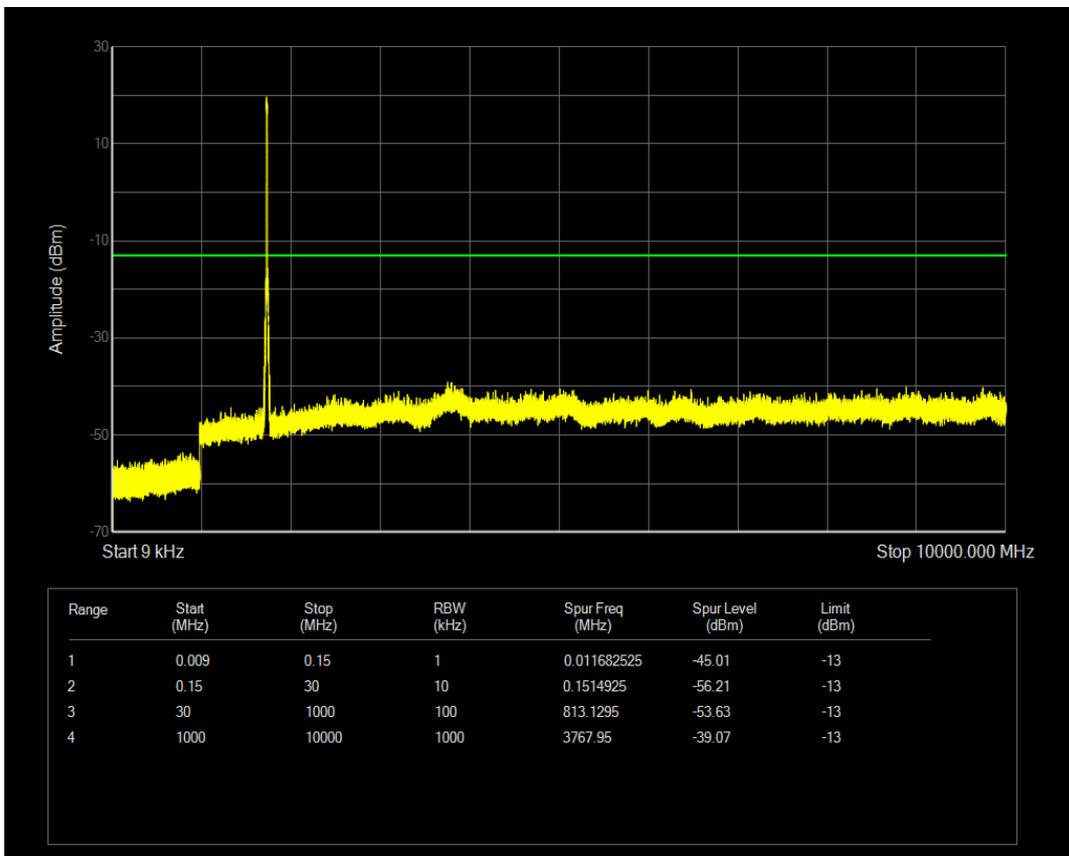
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



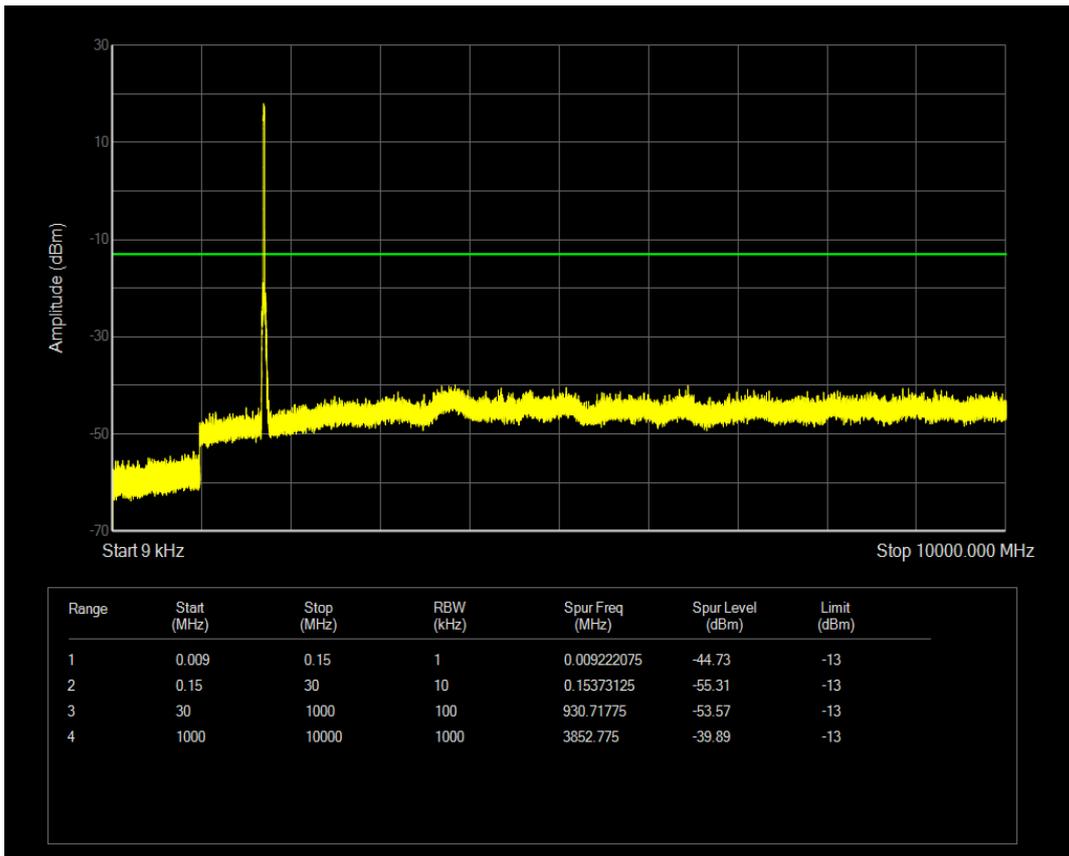
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



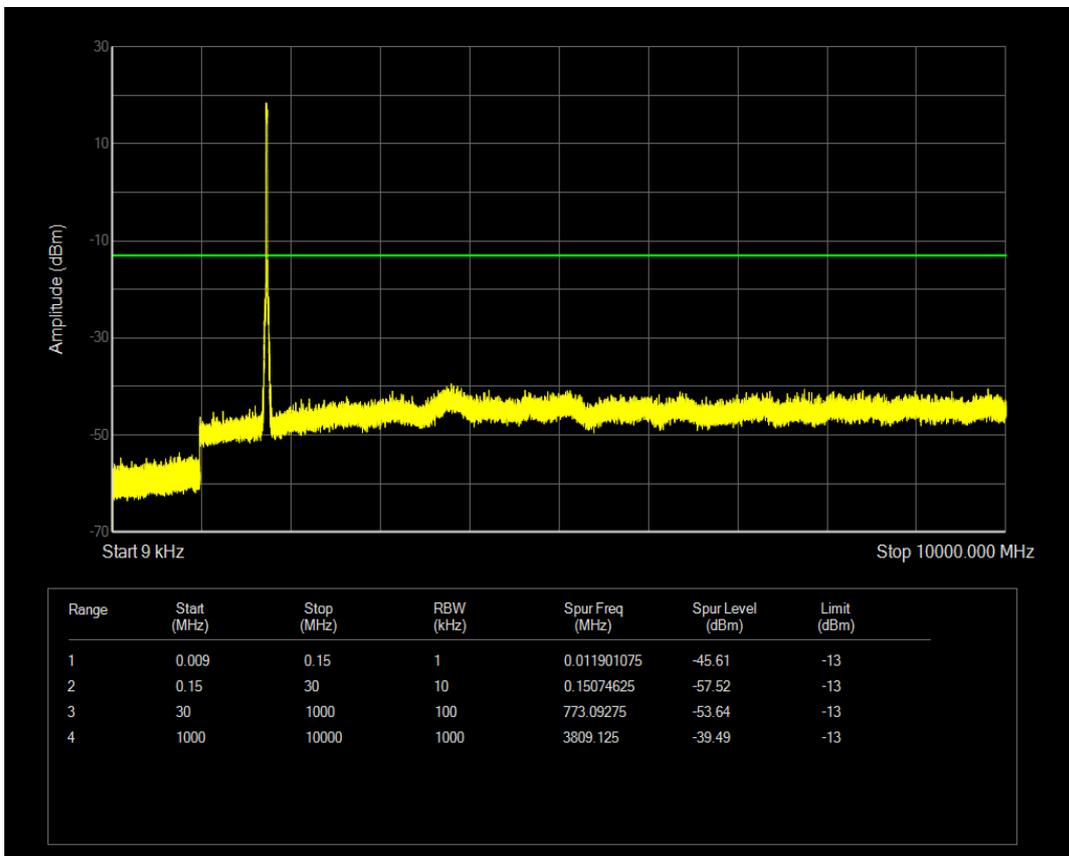
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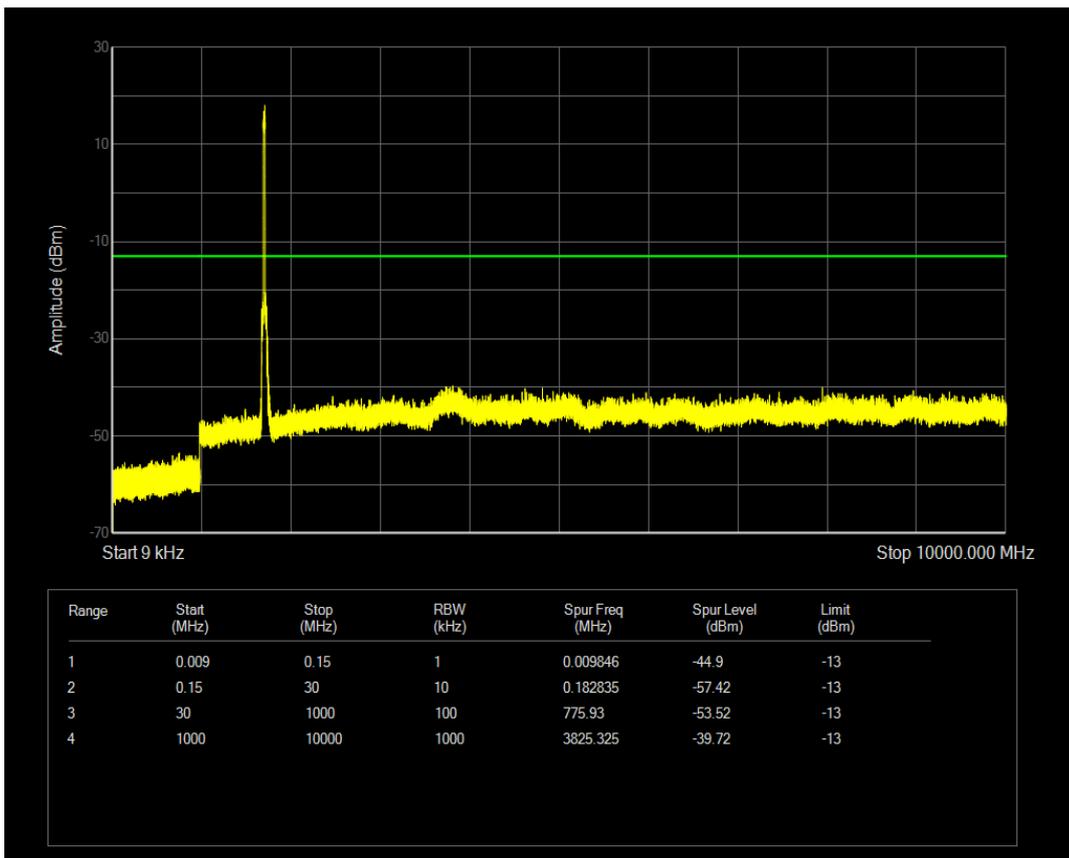
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



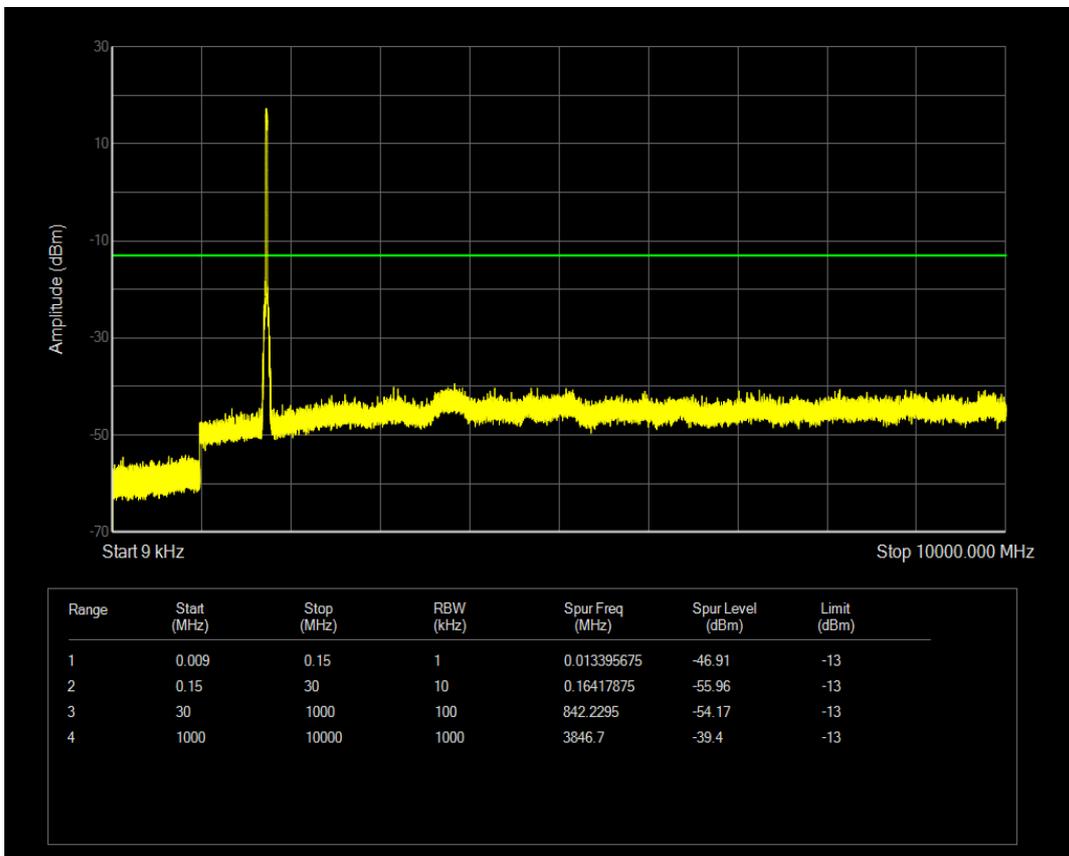
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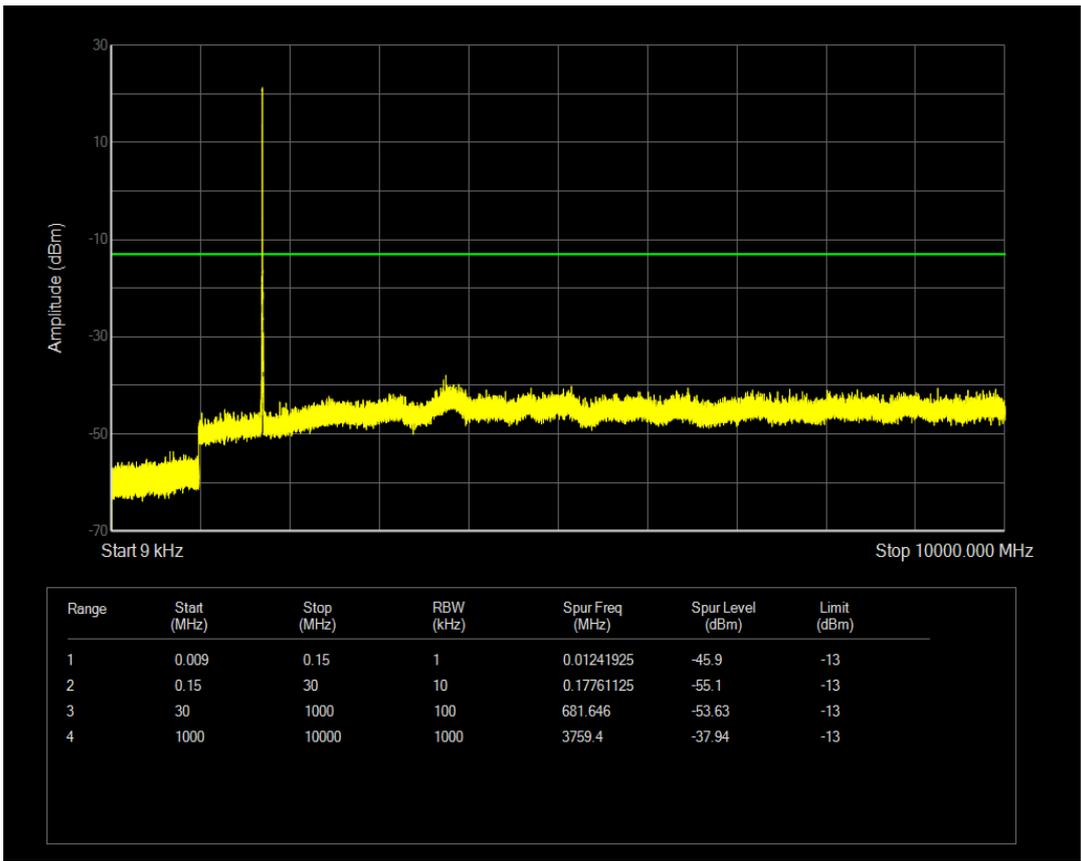
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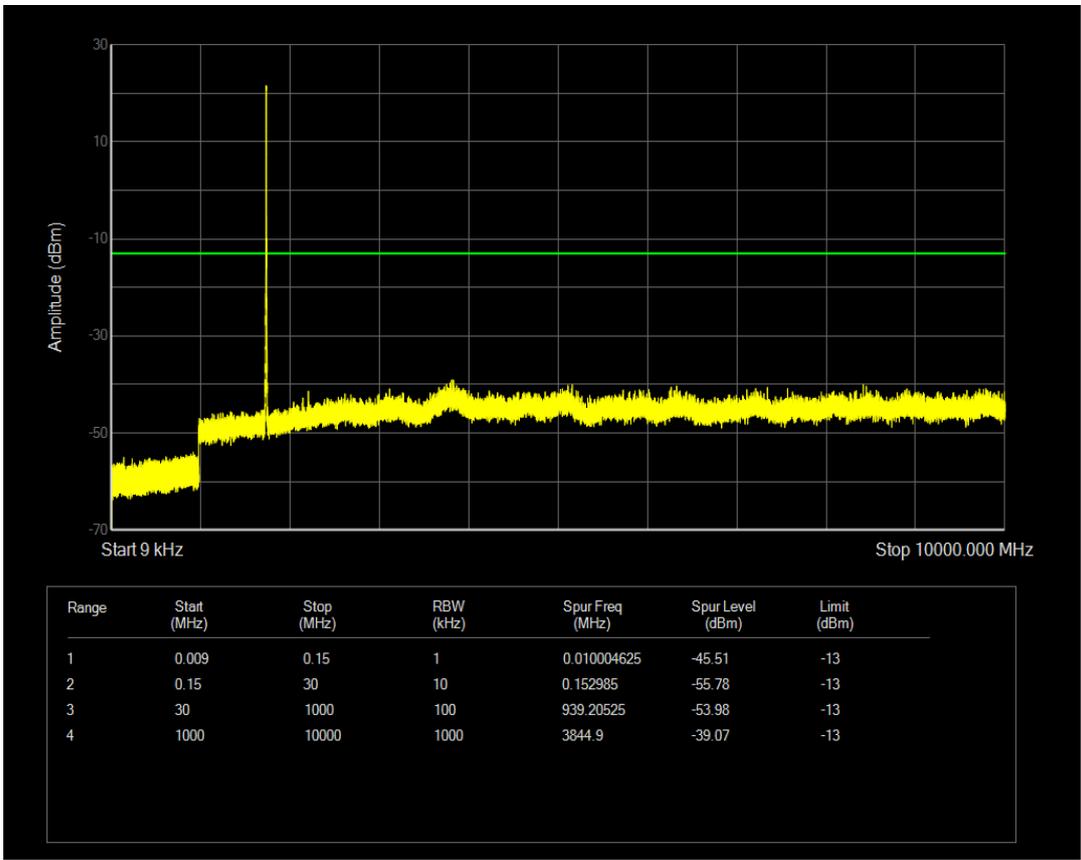
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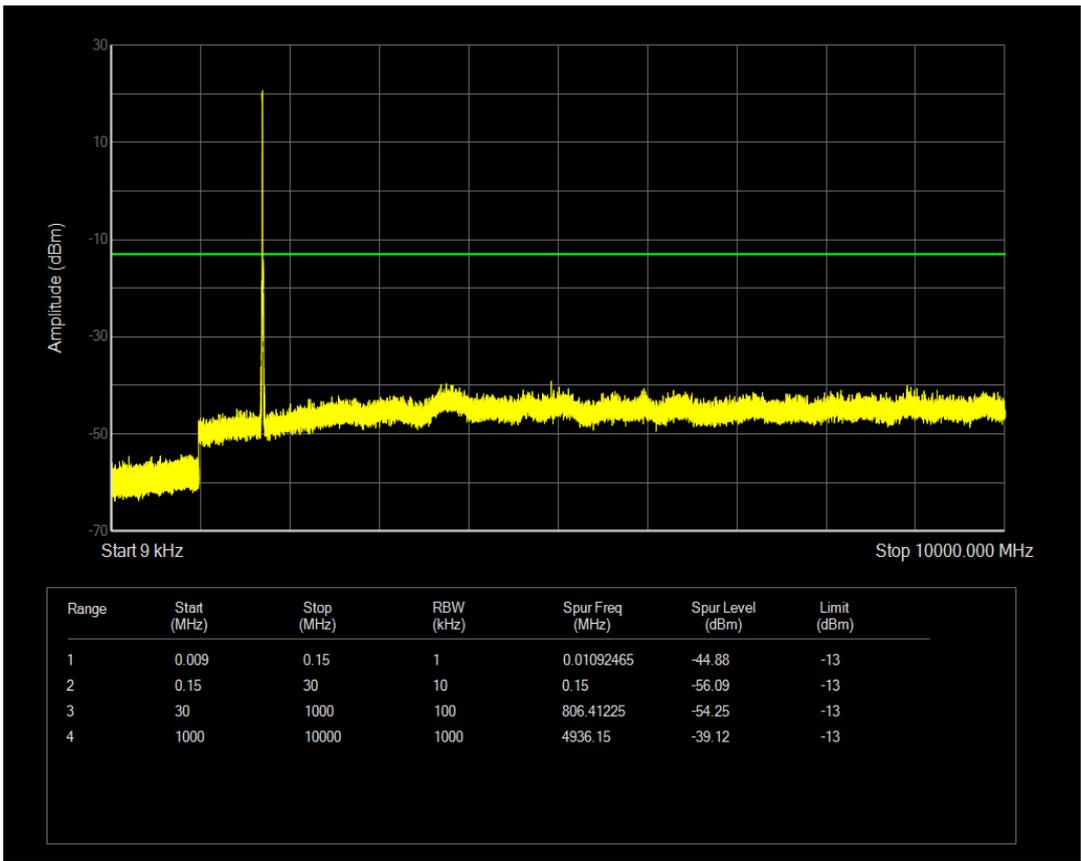
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



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

