

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	EIRP Limit (mW)	Verdict
Band4	1.4	19957	1	#0	QPSK	23.78	1000	PASS
Band4	1.4	19957	1	#Mid	QPSK	23.89	1000	PASS
Band4	1.4	19957	1	#Max	QPSK	23.82	1000	PASS
Band4	1.4	19957	3	#0	QPSK	23.78	1000	PASS
Band4	1.4	19957	3	#Max	QPSK	23.70	1000	PASS
Band4	1.4	19957	6	#0	QPSK	22.73	1000	PASS
Band4	1.4	19957	1	#0	QAM16	22.78	1000	PASS
Band4	1.4	19957	1	#Mid	QAM16	22.75	1000	PASS
Band4	1.4	19957	1	#Max	QAM16	22.70	1000	PASS
Band4	1.4	19957	3	#0	QAM16	22.63	1000	PASS
Band4	1.4	19957	3	#Max	QAM16	22.54	1000	PASS
Band4	1.4	19957	6	#0	QAM16	21.61	1000	PASS
Band4	1.4	20175	1	#0	QPSK	23.52	1000	PASS
Band4	1.4	20175	1	#Mid	QPSK	23.68	1000	PASS
Band4	1.4	20175	1	#Max	QPSK	23.54	1000	PASS
Band4	1.4	20175	3	#0	QPSK	23.29	1000	PASS
Band4	1.4	20175	3	#Max	QPSK	23.36	1000	PASS
Band4	1.4	20175	6	#0	QPSK	22.22	1000	PASS
Band4	1.4	20175	1	#0	QAM16	22.26	1000	PASS
Band4	1.4	20175	1	#Mid	QAM16	22.42	1000	PASS
Band4	1.4	20175	1	#Max	QAM16	22.18	1000	PASS
Band4	1.4	20175	3	#0	QAM16	22.16	1000	PASS
Band4	1.4	20175	3	#Max	QAM16	22.24	1000	PASS
Band4	1.4	20175	6	#0	QAM16	21.22	1000	PASS
Band4	1.4	20393	1	#0	QPSK	23.20	1000	PASS
Band4	1.4	20393	1	#Mid	QPSK	23.32	1000	PASS
Band4	1.4	20393	1	#Max	QPSK	23.27	1000	PASS
Band4	1.4	20393	3	#0	QPSK	23.21	1000	PASS
Band4	1.4	20393	3	#Max	QPSK	23.22	1000	PASS
Band4	1.4	20393	6	#0	QPSK	22.25	1000	PASS
Band4	1.4	20393	1	#0	QAM16	22.19	1000	PASS
Band4	1.4	20393	1	#Mid	QAM16	22.27	1000	PASS
Band4	1.4	20393	1	#Max	QAM16	22.22	1000	PASS
Band4	1.4	20393	3	#0	QAM16	22.24	1000	PASS
Band4	1.4	20393	3	#Max	QAM16	22.24	1000	PASS
Band4	1.4	20393	6	#0	QAM16	22.06	1000	PASS
Band4	3	19965	1	#0	QPSK	23.68	1000	PASS
Band4	3	19965	1	#Mid	QPSK	23.64	1000	PASS
Band4	3	19965	1	#Max	QPSK	23.69	1000	PASS
Band4	3	19965	8	#0	QPSK	22.68	1000	PASS
Band4	3	19965	8	#Max	QPSK	22.69	1000	PASS
Band4	3	19965	15	#0	QPSK	22.61	1000	PASS

Band4	3	19965	1	#0	QAM16	22.71	1000	PASS
Band4	3	19965	1	#Mid	QAM16	22.53	1000	PASS
Band4	3	19965	1	#Max	QAM16	22.50	1000	PASS
Band4	3	19965	8	#0	QAM16	21.73	1000	PASS
Band4	3	19965	8	#Max	QAM16	21.71	1000	PASS
Band4	3	19965	15	#0	QAM16	21.75	1000	PASS
Band4	3	20175	1	#0	QPSK	23.56	1000	PASS
Band4	3	20175	1	#Mid	QPSK	23.64	1000	PASS
Band4	3	20175	1	#Max	QPSK	23.68	1000	PASS
Band4	3	20175	8	#0	QPSK	22.44	1000	PASS
Band4	3	20175	8	#Max	QPSK	22.55	1000	PASS
Band4	3	20175	15	#0	QPSK	22.47	1000	PASS
Band4	3	20175	1	#0	QAM16	22.44	1000	PASS
Band4	3	20175	1	#Mid	QAM16	22.54	1000	PASS
Band4	3	20175	1	#Max	QAM16	22.54	1000	PASS
Band4	3	20175	8	#0	QAM16	21.52	1000	PASS
Band4	3	20175	8	#Max	QAM16	21.62	1000	PASS
Band4	3	20175	15	#0	QAM16	21.52	1000	PASS
Band4	3	20385	1	#0	QPSK	23.38	1000	PASS
Band4	3	20385	1	#Mid	QPSK	23.44	1000	PASS
Band4	3	20385	1	#Max	QPSK	23.60	1000	PASS
Band4	3	20385	8	#0	QPSK	22.53	1000	PASS
Band4	3	20385	8	#Max	QPSK	22.48	1000	PASS
Band4	3	20385	15	#0	QPSK	22.47	1000	PASS
Band4	3	20385	1	#0	QAM16	22.21	1000	PASS
Band4	3	20385	1	#Mid	QAM16	22.34	1000	PASS
Band4	3	20385	1	#Max	QAM16	22.34	1000	PASS
Band4	3	20385	8	#0	QAM16	21.41	1000	PASS
Band4	3	20385	8	#Max	QAM16	21.42	1000	PASS
Band4	3	20385	15	#0	QAM16	21.45	1000	PASS
Band4	5	19975	1	#0	QPSK	23.54	1000	PASS
Band4	5	19975	1	#Mid	QPSK	23.58	1000	PASS
Band4	5	19975	1	#Max	QPSK	23.54	1000	PASS
Band4	5	19975	12	#0	QPSK	22.46	1000	PASS
Band4	5	19975	12	#Max	QPSK	22.47	1000	PASS
Band4	5	19975	25	#0	QPSK	22.47	1000	PASS
Band4	5	19975	1	#0	QAM16	22.35	1000	PASS
Band4	5	19975	1	#Mid	QAM16	22.46	1000	PASS
Band4	5	19975	1	#Max	QAM16	22.45	1000	PASS
Band4	5	19975	12	#0	QAM16	21.51	1000	PASS
Band4	5	19975	12	#Max	QAM16	21.52	1000	PASS
Band4	5	19975	25	#0	QAM16	21.54	1000	PASS
Band4	5	20175	1	#0	QPSK	23.33	1000	PASS
Band4	5	20175	1	#Mid	QPSK	23.34	1000	PASS

Band4	5	20175	1	#Max	QPSK	23.23	1000	PASS
Band4	5	20175	12	#0	QPSK	22.14	1000	PASS
Band4	5	20175	12	#Max	QPSK	22.27	1000	PASS
Band4	5	20175	25	#0	QPSK	22.22	1000	PASS
Band4	5	20175	1	#0	QAM16	22.01	1000	PASS
Band4	5	20175	1	#Mid	QAM16	22.20	1000	PASS
Band4	5	20175	1	#Max	QAM16	22.28	1000	PASS
Band4	5	20175	12	#0	QAM16	21.13	1000	PASS
Band4	5	20175	12	#Max	QAM16	21.21	1000	PASS
Band4	5	20175	25	#0	QAM16	21.18	1000	PASS
Band4	5	20375	1	#0	QPSK	23.29	1000	PASS
Band4	5	20375	1	#Mid	QPSK	23.24	1000	PASS
Band4	5	20375	1	#Max	QPSK	23.33	1000	PASS
Band4	5	20375	12	#0	QPSK	22.17	1000	PASS
Band4	5	20375	12	#Max	QPSK	22.19	1000	PASS
Band4	5	20375	25	#0	QPSK	22.23	1000	PASS
Band4	5	20375	1	#0	QAM16	22.24	1000	PASS
Band4	5	20375	1	#Mid	QAM16	22.38	1000	PASS
Band4	5	20375	1	#Max	QAM16	22.38	1000	PASS
Band4	5	20375	12	#0	QAM16	21.15	1000	PASS
Band4	5	20375	12	#Max	QAM16	21.26	1000	PASS
Band4	5	20375	25	#0	QAM16	21.20	1000	PASS
Band4	10	20000	1	#0	QPSK	23.56	1000	PASS
Band4	10	20000	1	#Mid	QPSK	23.51	1000	PASS
Band4	10	20000	1	#Max	QPSK	23.29	1000	PASS
Band4	10	20000	25	#0	QPSK	22.34	1000	PASS
Band4	10	20000	25	#Max	QPSK	22.27	1000	PASS
Band4	10	20000	50	#0	QPSK	22.30	1000	PASS
Band4	10	20000	1	#0	QAM16	22.26	1000	PASS
Band4	10	20000	1	#Mid	QAM16	22.28	1000	PASS
Band4	10	20000	1	#Max	QAM16	22.05	1000	PASS
Band4	10	20000	25	#0	QAM16	21.25	1000	PASS
Band4	10	20000	25	#Max	QAM16	21.13	1000	PASS
Band4	10	20000	50	#0	QAM16	21.25	1000	PASS
Band4	10	20175	1	#0	QPSK	23.28	1000	PASS
Band4	10	20175	1	#Mid	QPSK	23.26	1000	PASS
Band4	10	20175	1	#Max	QPSK	23.22	1000	PASS
Band4	10	20175	25	#0	QPSK	22.09	1000	PASS
Band4	10	20175	25	#Max	QPSK	22.12	1000	PASS
Band4	10	20175	50	#0	QPSK	22.07	1000	PASS
Band4	10	20175	1	#0	QAM16	22.02	1000	PASS
Band4	10	20175	1	#Mid	QAM16	22.06	1000	PASS
Band4	10	20175	1	#Max	QAM16	22.13	1000	PASS
Band4	10	20175	25	#0	QAM16	21.11	1000	PASS

Band4	10	20175	25	#Max	QAM16	21.13	1000	PASS
Band4	10	20175	50	#0	QAM16	21.08	1000	PASS
Band4	10	20350	1	#0	QPSK	23.37	1000	PASS
Band4	10	20350	1	#Mid	QPSK	23.29	1000	PASS
Band4	10	20350	1	#Max	QPSK	23.36	1000	PASS
Band4	10	20350	25	#0	QPSK	22.12	1000	PASS
Band4	10	20350	25	#Max	QPSK	22.15	1000	PASS
Band4	10	20350	50	#0	QPSK	22.18	1000	PASS
Band4	10	20350	1	#0	QAM16	22.13	1000	PASS
Band4	10	20350	1	#Mid	QAM16	22.23	1000	PASS
Band4	10	20350	1	#Max	QAM16	22.10	1000	PASS
Band4	10	20350	25	#0	QAM16	21.02	1000	PASS
Band4	10	20350	25	#Max	QAM16	21.03	1000	PASS
Band4	10	20350	50	#0	QAM16	21.07	1000	PASS
Band4	15	20025	1	#0	QPSK	23.45	1000	PASS
Band4	15	20025	1	#Mid	QPSK	23.16	1000	PASS
Band4	15	20025	1	#Max	QPSK	23.30	1000	PASS
Band4	15	20025	36	#0	QPSK	22.21	1000	PASS
Band4	15	20025	36	#Max	QPSK	22.11	1000	PASS
Band4	15	20025	75	#0	QPSK	22.16	1000	PASS
Band4	15	20025	1	#0	QAM16	22.14	1000	PASS
Band4	15	20025	1	#Mid	QAM16	21.87	1000	PASS
Band4	15	20025	1	#Max	QAM16	22.02	1000	PASS
Band4	15	20025	36	#0	QAM16	21.02	1000	PASS
Band4	15	20025	36	#Max	QAM16	21.02	1000	PASS
Band4	15	20025	75	#0	QAM16	21.07	1000	PASS
Band4	15	20175	1	#0	QPSK	22.91	1000	PASS
Band4	15	20175	1	#Mid	QPSK	22.84	1000	PASS
Band4	15	20175	1	#Max	QPSK	23.02	1000	PASS
Band4	15	20175	36	#0	QPSK	21.94	1000	PASS
Band4	15	20175	36	#Max	QPSK	22.05	1000	PASS
Band4	15	20175	75	#0	QPSK	21.99	1000	PASS
Band4	15	20175	1	#0	QAM16	21.91	1000	PASS
Band4	15	20175	1	#Mid	QAM16	21.69	1000	PASS
Band4	15	20175	1	#Max	QAM16	22.03	1000	PASS
Band4	15	20175	36	#0	QAM16	20.88	1000	PASS
Band4	15	20175	36	#Max	QAM16	21.03	1000	PASS
Band4	15	20175	75	#0	QAM16	20.92	1000	PASS
Band4	15	20325	1	#0	QPSK	23.12	1000	PASS
Band4	15	20325	1	#Mid	QPSK	22.94	1000	PASS
Band4	15	20325	1	#Max	QPSK	22.89	1000	PASS
Band4	15	20325	36	#0	QPSK	22.04	1000	PASS
Band4	15	20325	36	#Max	QPSK	22.02	1000	PASS
Band4	15	20325	75	#0	QPSK	22.06	1000	PASS

Band4	15	20325	1	#0	QAM16	21.89	1000	PASS
Band4	15	20325	1	#Mid	QAM16	21.92	1000	PASS
Band4	15	20325	1	#Max	QAM16	21.82	1000	PASS
Band4	15	20325	36	#0	QAM16	20.94	1000	PASS
Band4	15	20325	36	#Max	QAM16	20.90	1000	PASS
Band4	15	20325	75	#0	QAM16	20.90	1000	PASS
Band4	20	20050	1	#0	QPSK	23.39	1000	PASS
Band4	20	20050	1	#Mid	QPSK	23.24	1000	PASS
Band4	20	20050	1	#Max	QPSK	23.21	1000	PASS
Band4	20	20050	50	#0	QPSK	22.15	1000	PASS
Band4	20	20050	50	#Max	QPSK	22.22	1000	PASS
Band4	20	20050	100	#0	QPSK	22.22	1000	PASS
Band4	20	20050	1	#0	QAM16	22.19	1000	PASS
Band4	20	20050	1	#Mid	QAM16	22.06	1000	PASS
Band4	20	20050	1	#Max	QAM16	22.06	1000	PASS
Band4	20	20050	50	#0	QAM16	21.03	1000	PASS
Band4	20	20050	50	#Max	QAM16	21.11	1000	PASS
Band4	20	20050	100	#0	QAM16	21.09	1000	PASS
Band4	20	20175	1	#0	QPSK	23.10	1000	PASS
Band4	20	20175	1	#Mid	QPSK	22.98	1000	PASS
Band4	20	20175	1	#Max	QPSK	23.08	1000	PASS
Band4	20	20175	50	#0	QPSK	21.98	1000	PASS
Band4	20	20175	50	#Max	QPSK	22.00	1000	PASS
Band4	20	20175	100	#0	QPSK	21.95	1000	PASS
Band4	20	20175	1	#0	QAM16	22.03	1000	PASS
Band4	20	20175	1	#Mid	QAM16	22.15	1000	PASS
Band4	20	20175	1	#Max	QAM16	22.04	1000	PASS
Band4	20	20175	50	#0	QAM16	20.91	1000	PASS
Band4	20	20175	50	#Max	QAM16	21.02	1000	PASS
Band4	20	20175	100	#0	QAM16	20.93	1000	PASS
Band4	20	20300	1	#0	QPSK	23.43	1000	PASS
Band4	20	20300	1	#Mid	QPSK	23.20	1000	PASS
Band4	20	20300	1	#Max	QPSK	23.13	1000	PASS
Band4	20	20300	50	#0	QPSK	22.09	1000	PASS
Band4	20	20300	50	#Max	QPSK	22.05	1000	PASS
Band4	20	20300	100	#0	QPSK	21.99	1000	PASS
Band4	20	20300	1	#0	QAM16	22.05	1000	PASS
Band4	20	20300	1	#Mid	QAM16	21.91	1000	PASS
Band4	20	20300	1	#Max	QAM16	21.70	1000	PASS
Band4	20	20300	50	#0	QAM16	21.07	1000	PASS
Band4	20	20300	50	#Max	QAM16	20.94	1000	PASS
Band4	20	20300	100	#0	QAM16	20.95	1000	PASS

2 Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band4	20	20050	100	#0	QPSK	VL	NT	1.37	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	VN	NT	1.18	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	VH	NT	1.14	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	50	1.27	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	40	1.33	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	30	1.25	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	20	0.98	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	10	0.97	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	0	1.10	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-10	1.58	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-20	1.98	0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-30	1.27	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	VL	NT	1.35	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	VN	NT	1.85	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	VH	NT	1.51	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	50	1.17	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	40	1.00	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	30	1.25	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	20	0.94	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	10	1.73	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	0	1.13	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-10	1.50	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-20	1.84	0.001	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-30	1.13	0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VL	NT	0.47	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VN	NT	0.97	0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VH	NT	-0.02	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	50	0.62	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	40	0.67	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	30	-0.64	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	20	0.04	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	10	-0.31	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	0	-0.12	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-10	0.37	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-20	0.64	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-30	0.21	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	VL	NT	0.10	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	VN	NT	0.62	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	VH	NT	0.24	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	50	0.04	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	40	0.05	0.000	±2.5	PASS

Band4	20	20175	100	#0	QAM16	NV	30	0.32	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	20	0.32	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	10	-0.14	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	0	0.10	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-10	0.32	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-20	0.21	0.000	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-30	0.84	0.000	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VL	NT	-3.01	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VN	NT	-2.90	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VH	NT	-3.23	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	50	-3.27	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	40	-2.70	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	30	-3.08	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	20	-3.01	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	10	-2.50	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	0	-2.97	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-10	-3.49	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-20	-2.98	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-30	-2.96	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	VL	NT	-2.93	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	VN	NT	-2.66	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	VH	NT	-3.06	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	50	-3.37	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	40	-3.66	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	30	-2.57	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	20	-3.53	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	10	-3.44	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	0	-2.60	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-10	-2.91	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-20	-3.01	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-30	-2.50	-0.001	±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	4.09	13	PASS
Band4	1.4	20175	1	#0	QAM16	4.98	13	PASS
Band4	3	20175	1	#0	QPSK	3.85	13	PASS
Band4	3	20175	1	#0	QAM16	4.88	13	PASS
Band4	5	20175	1	#0	QPSK	3.83	13	PASS
Band4	5	20175	1	#0	QAM16	4.86	13	PASS
Band4	10	20175	1	#0	QPSK	3.61	13	PASS
Band4	10	20175	1	#0	QAM16	4.74	13	PASS
Band4	15	20175	1	#0	QPSK	3.55	13	PASS
Band4	15	20175	1	#0	QAM16	4.62	13	PASS
Band4	20	20175	1	#0	QPSK	3.55	13	PASS
Band4	20	20175	1	#0	QAM16	4.48	13	PASS

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



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



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



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



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



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



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



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



Band4 QPSK BW=15MHz 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



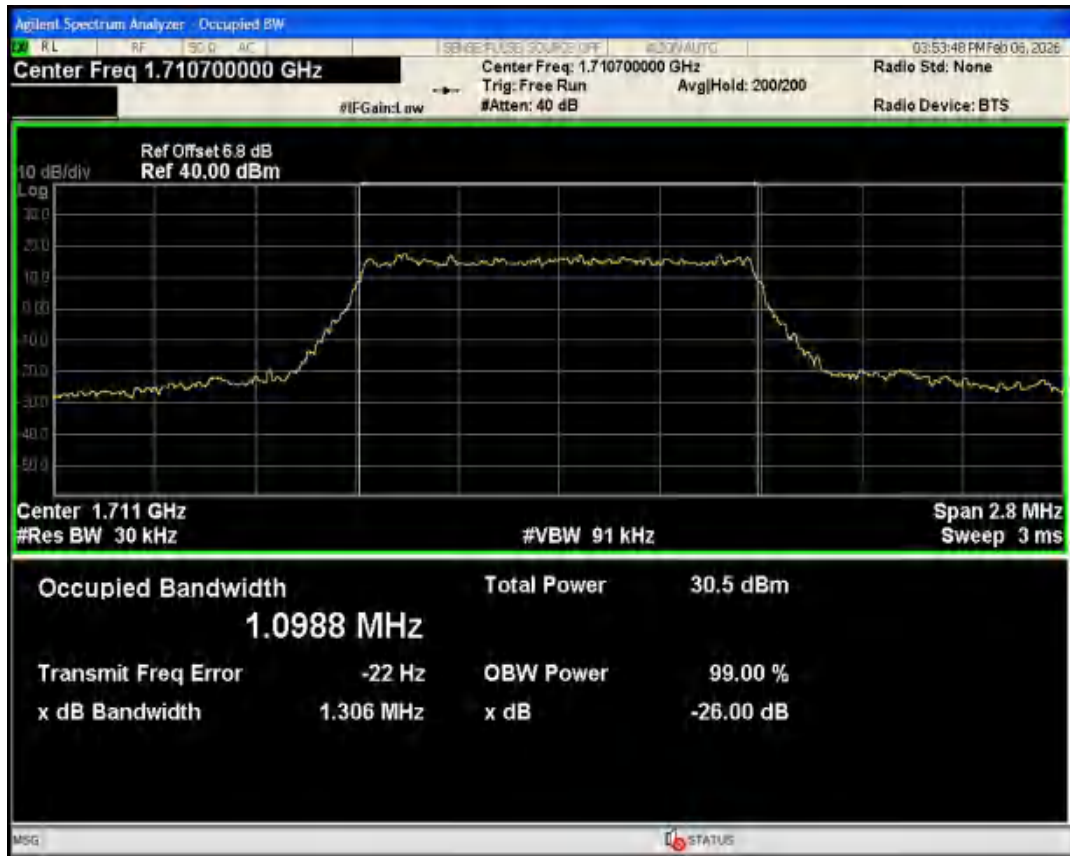
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



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	1.093	1.273	PASS
Band4	1.4	19957	6	#0	QAM16	1.099	1.306	PASS
Band4	1.4	20175	6	#0	QPSK	1.098	1.297	PASS
Band4	1.4	20175	6	#0	QAM16	1.103	1.289	PASS
Band4	1.4	20393	6	#0	QPSK	1.091	1.276	PASS
Band4	1.4	20393	6	#0	QAM16	1.093	1.299	PASS
Band4	3	19965	15	#0	QPSK	2.699	2.964	PASS
Band4	3	19965	15	#0	QAM16	2.690	3.006	PASS
Band4	3	20175	15	#0	QPSK	2.713	2.952	PASS
Band4	3	20175	15	#0	QAM16	2.707	2.986	PASS
Band4	3	20385	15	#0	QPSK	2.707	2.995	PASS
Band4	3	20385	15	#0	QAM16	2.701	2.991	PASS
Band4	5	19975	25	#0	QPSK	4.507	4.955	PASS
Band4	5	19975	25	#0	QAM16	4.511	4.920	PASS
Band4	5	20175	25	#0	QPSK	4.502	5.002	PASS
Band4	5	20175	25	#0	QAM16	4.516	5.002	PASS
Band4	5	20375	25	#0	QPSK	4.543	5.000	PASS
Band4	5	20375	25	#0	QAM16	4.500	4.976	PASS
Band4	10	20000	50	#0	QPSK	8.962	9.843	PASS
Band4	10	20000	50	#0	QAM16	8.959	9.787	PASS
Band4	10	20175	50	#0	QPSK	8.988	9.860	PASS
Band4	10	20175	50	#0	QAM16	8.960	9.823	PASS
Band4	10	20350	50	#0	QPSK	8.975	9.744	PASS
Band4	10	20350	50	#0	QAM16	8.979	9.910	PASS
Band4	15	20025	75	#0	QPSK	13.403	14.473	PASS
Band4	15	20025	75	#0	QAM16	13.410	14.591	PASS
Band4	15	20175	75	#0	QPSK	13.450	14.677	PASS
Band4	15	20175	75	#0	QAM16	13.412	14.582	PASS
Band4	15	20325	75	#0	QPSK	13.415	14.495	PASS
Band4	15	20325	75	#0	QAM16	13.422	14.451	PASS
Band4	20	20050	100	#0	QPSK	17.934	19.477	PASS
Band4	20	20050	100	#0	QAM16	17.891	19.301	PASS
Band4	20	20175	100	#0	QPSK	17.929	19.402	PASS
Band4	20	20175	100	#0	QAM16	17.930	19.351	PASS
Band4	20	20300	100	#0	QPSK	17.904	19.476	PASS
Band4	20	20300	100	#0	QAM16	17.919	19.334	PASS

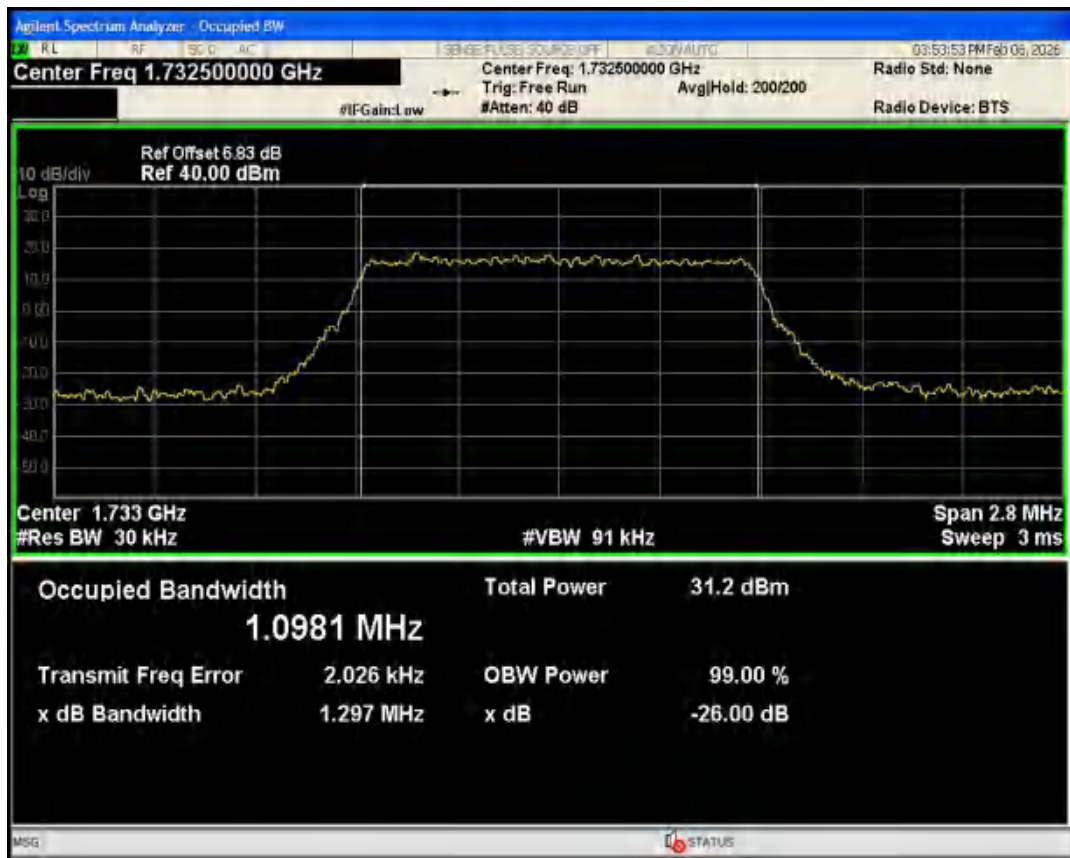
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



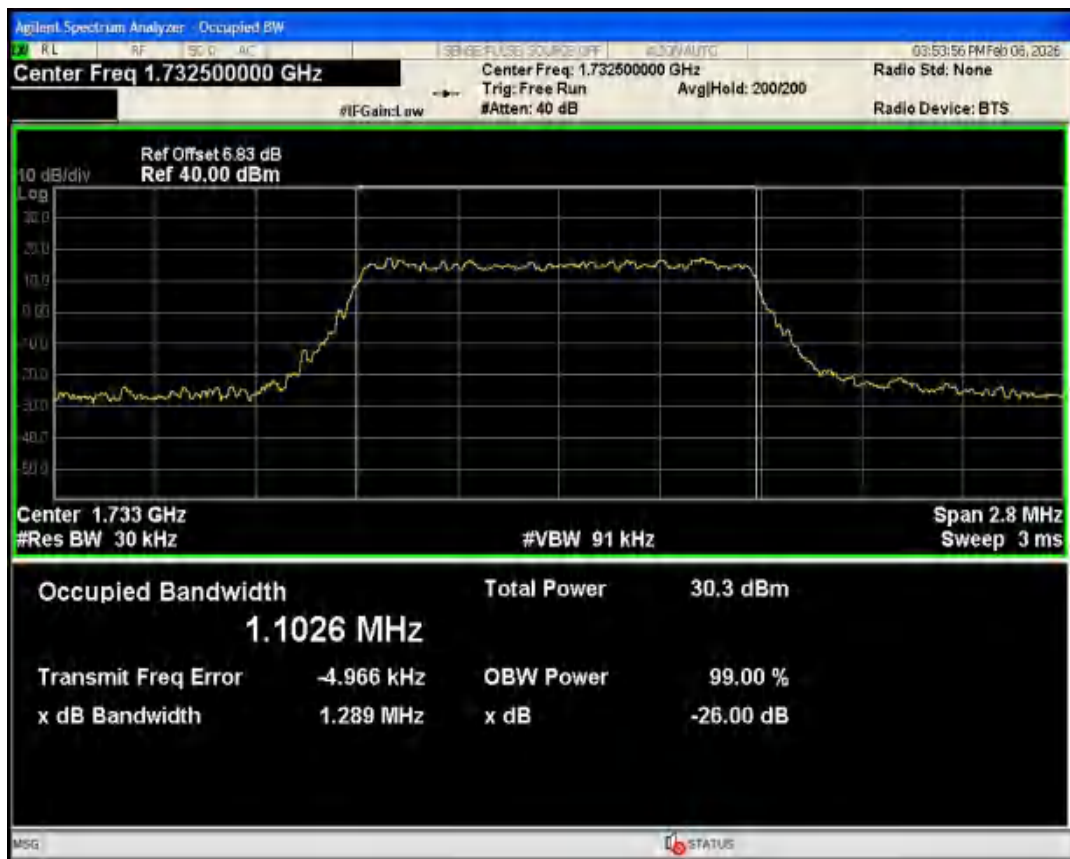
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



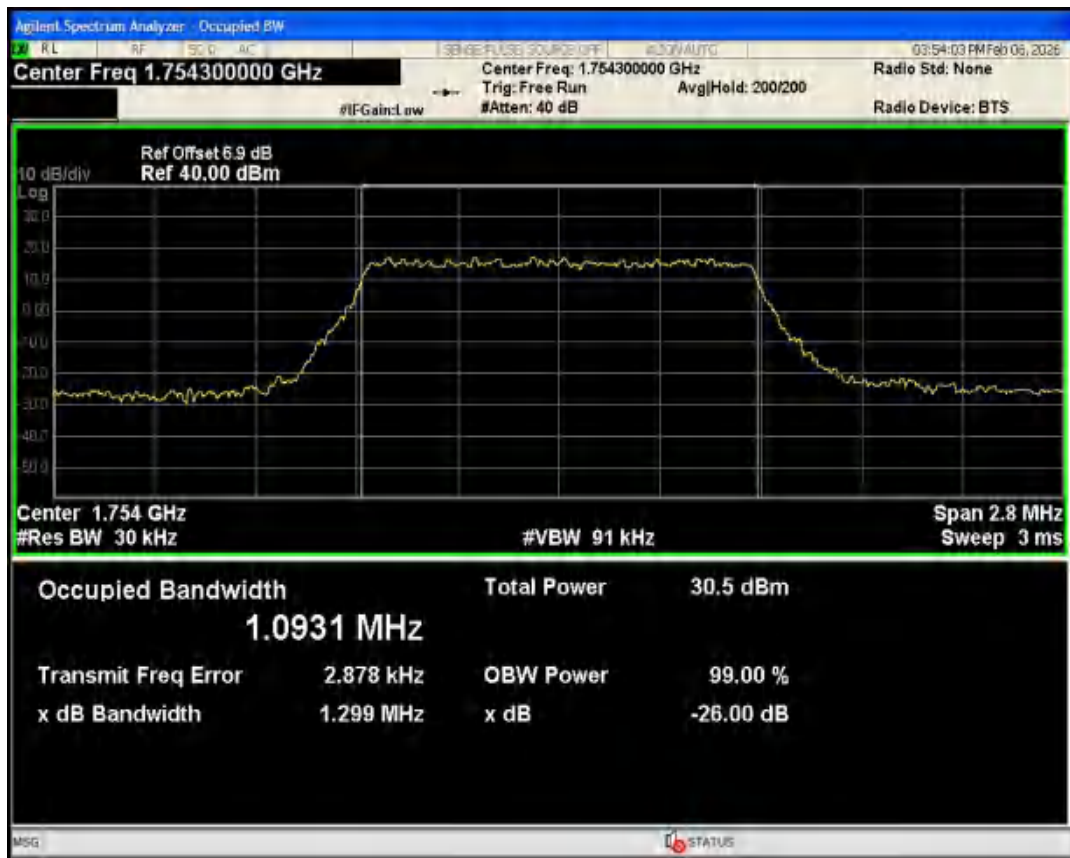
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



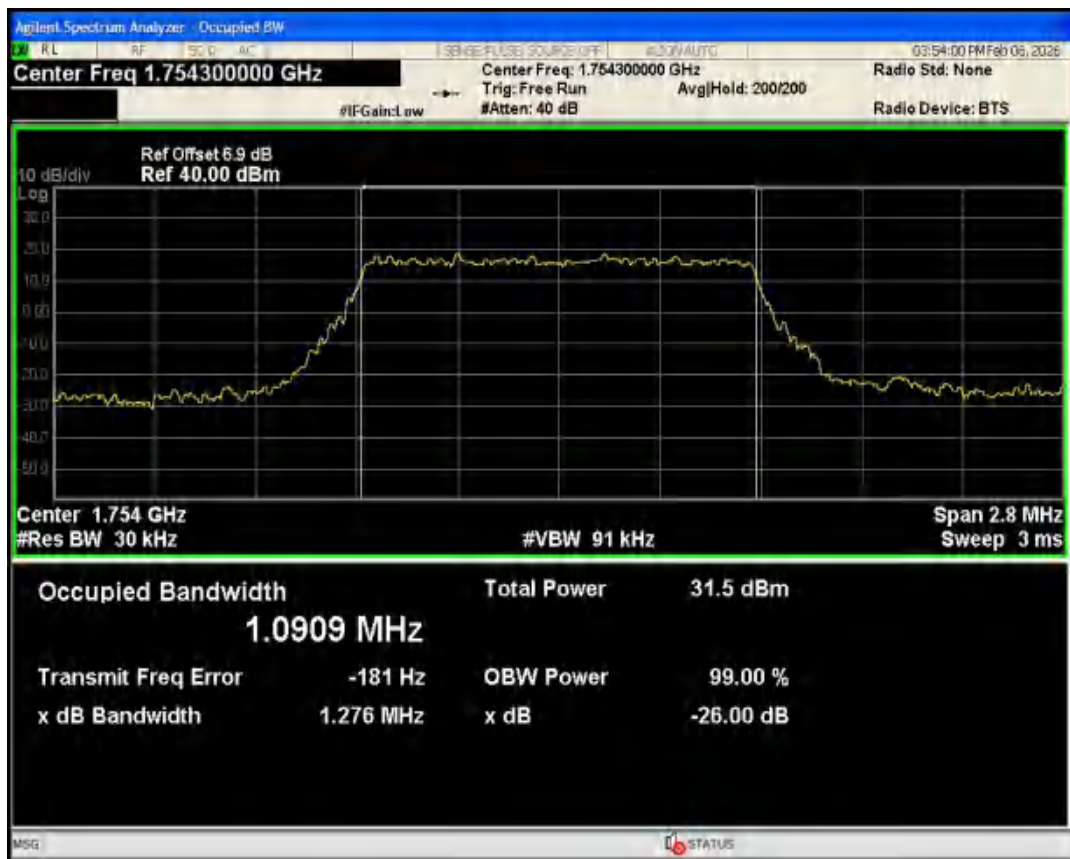
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



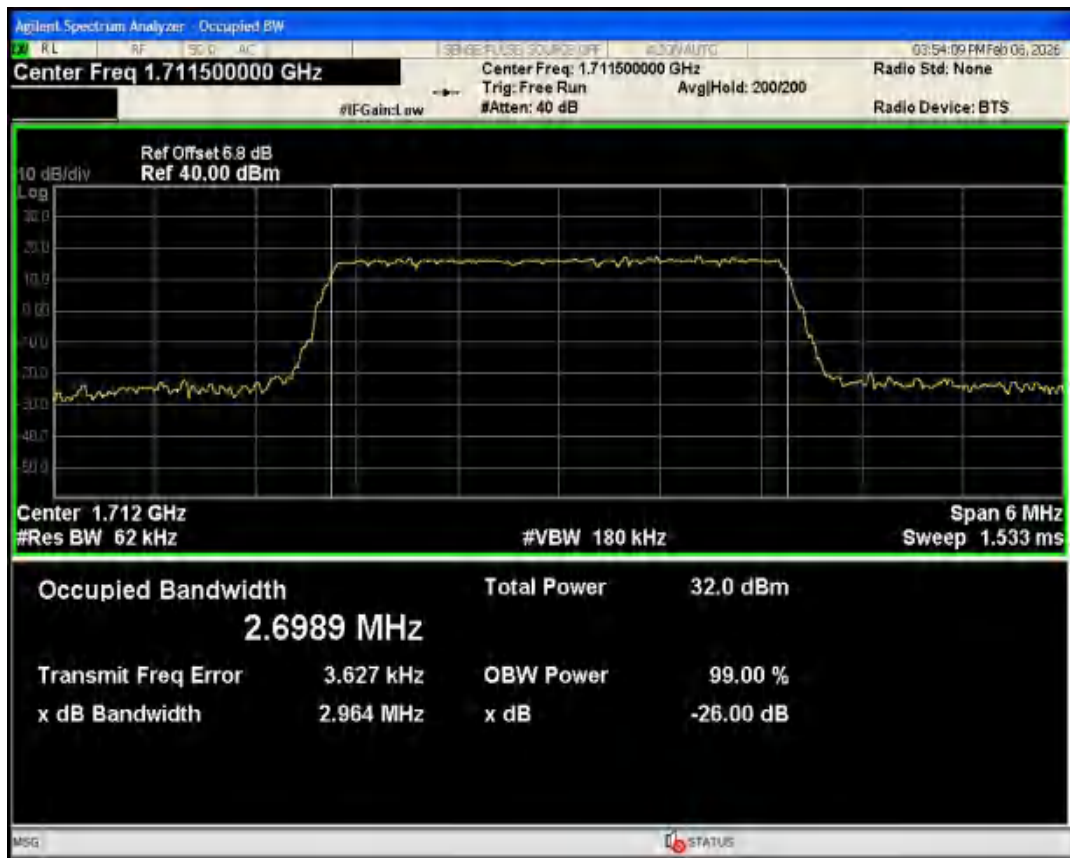
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



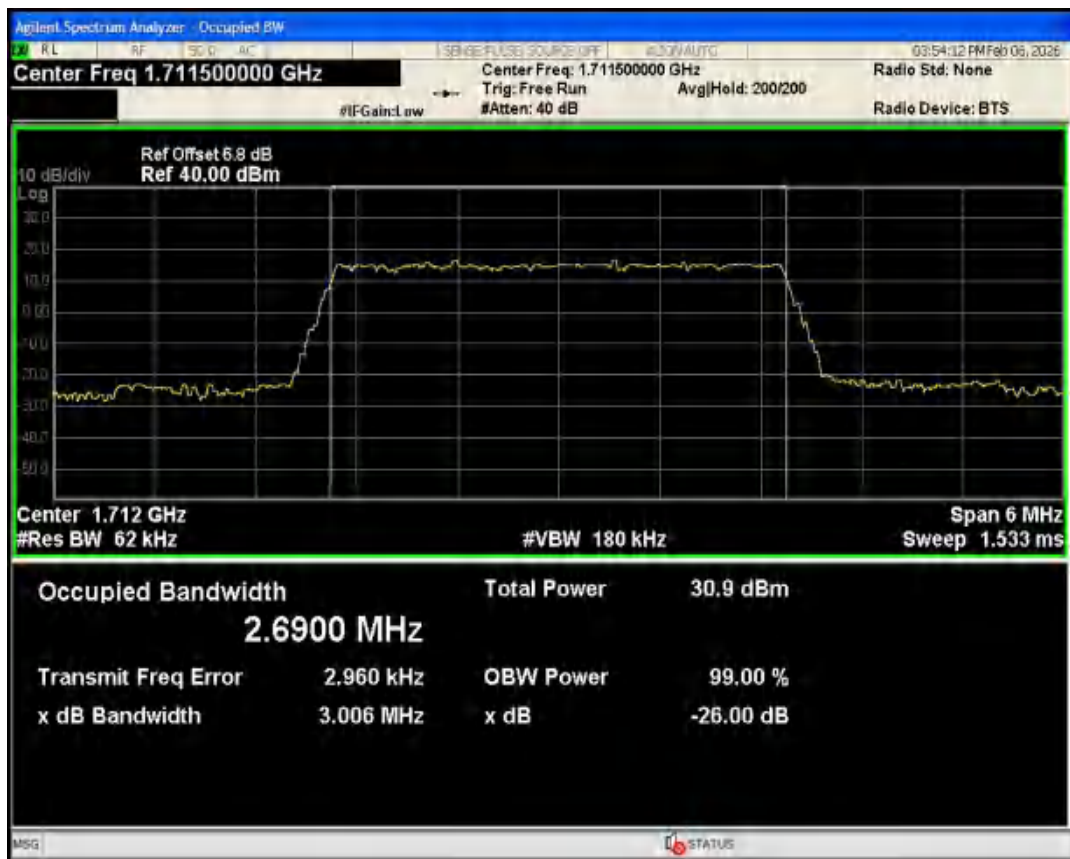
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



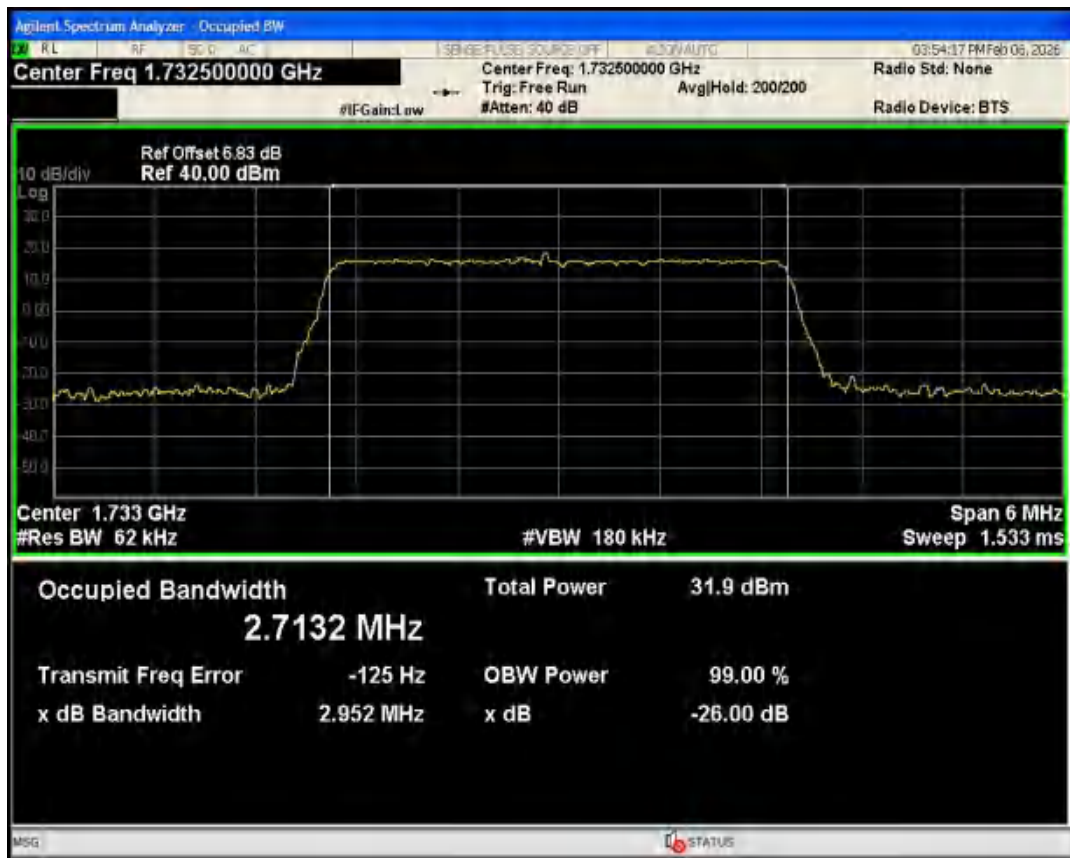
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



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



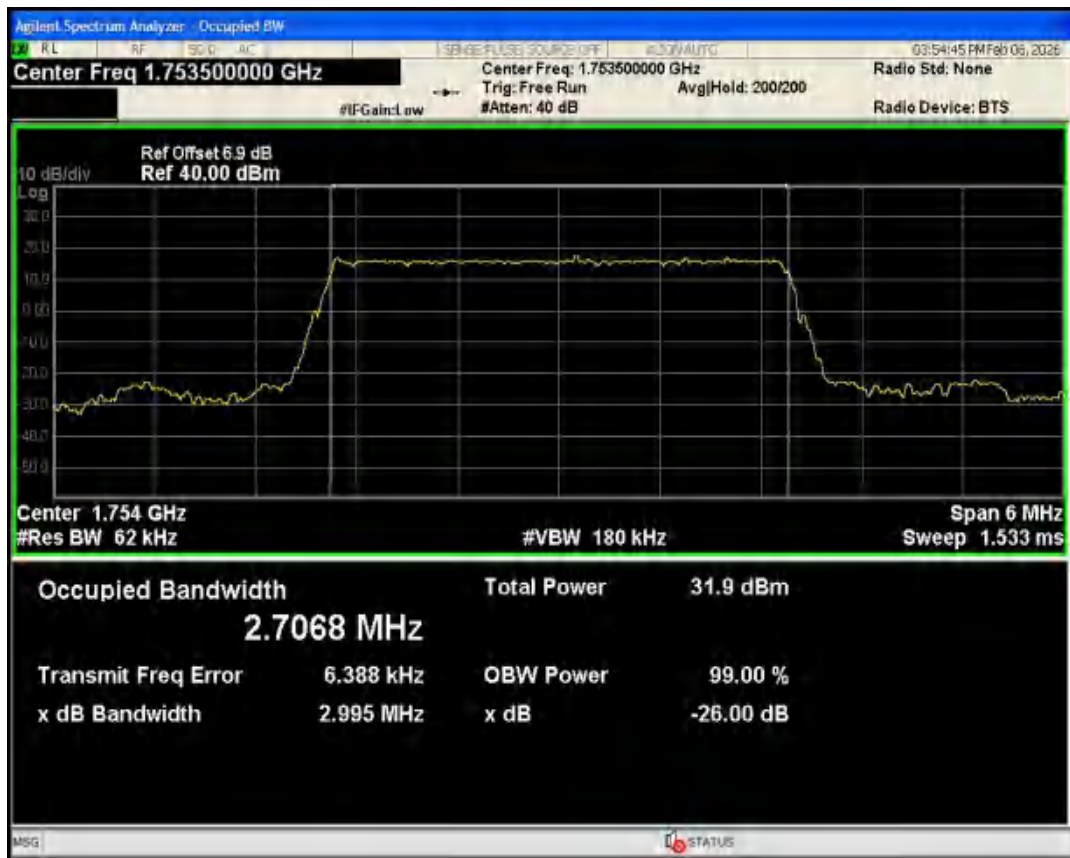
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



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



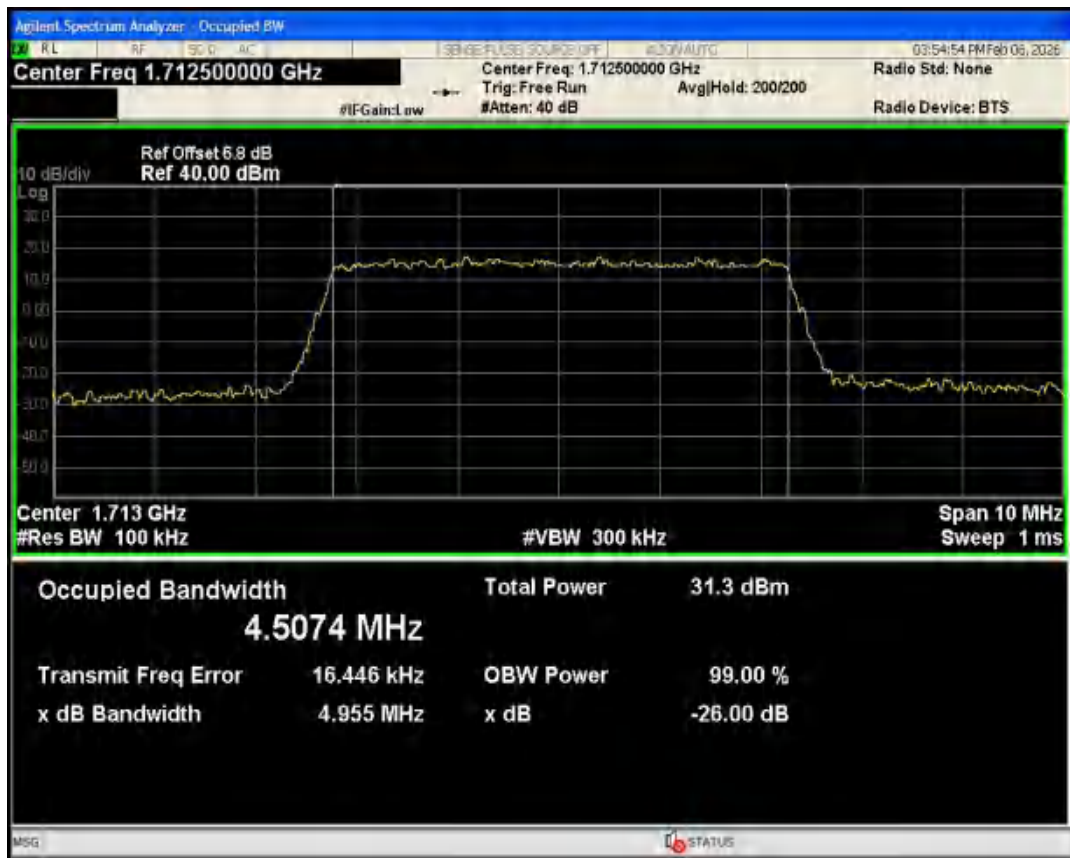
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



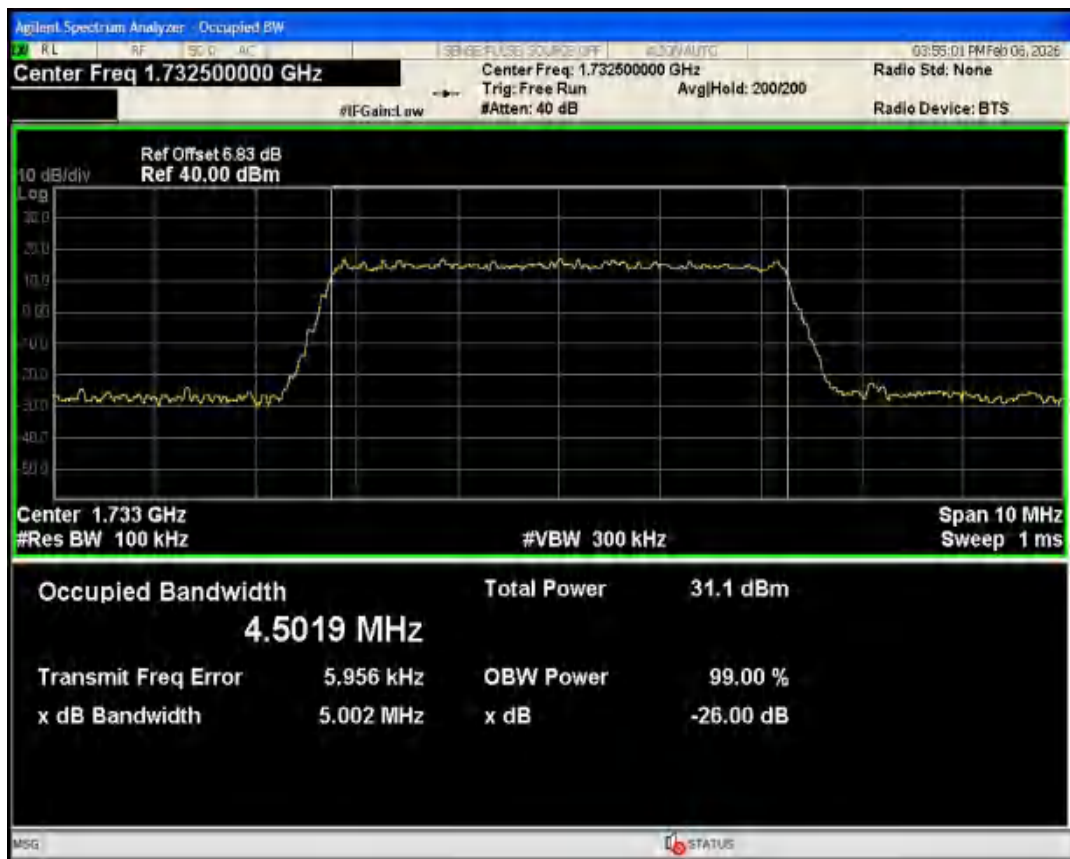
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



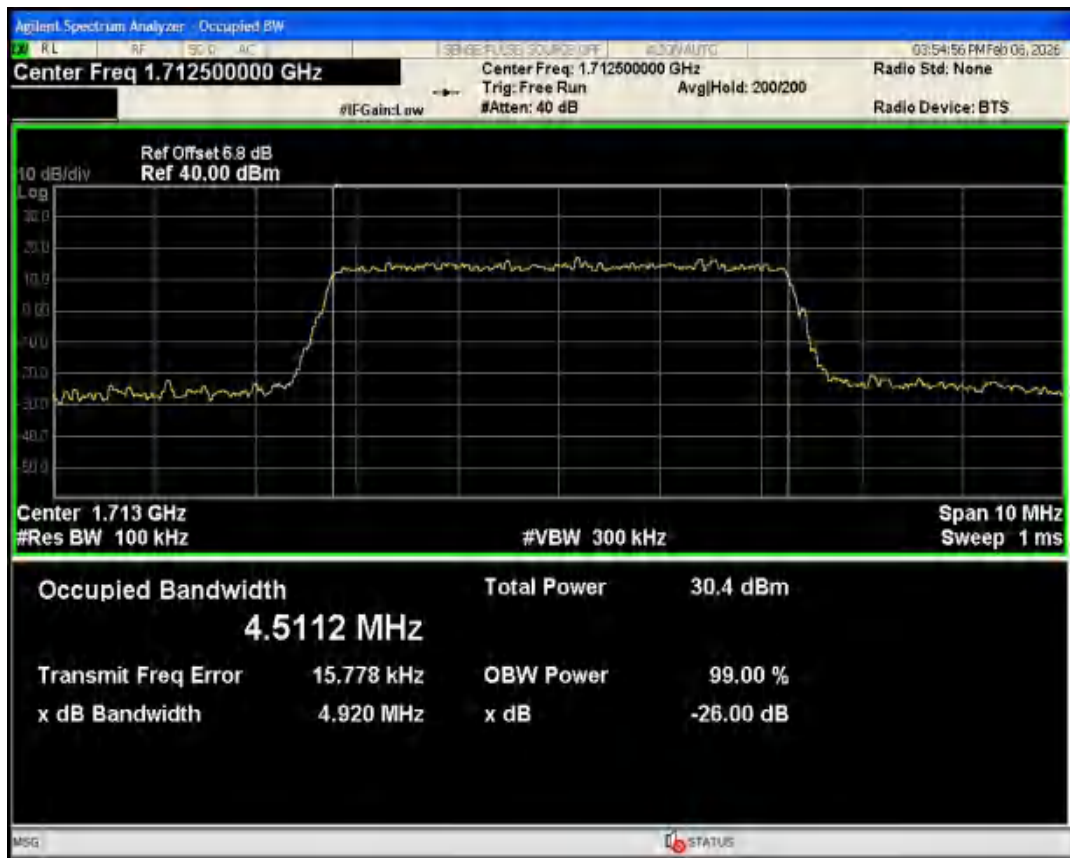
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



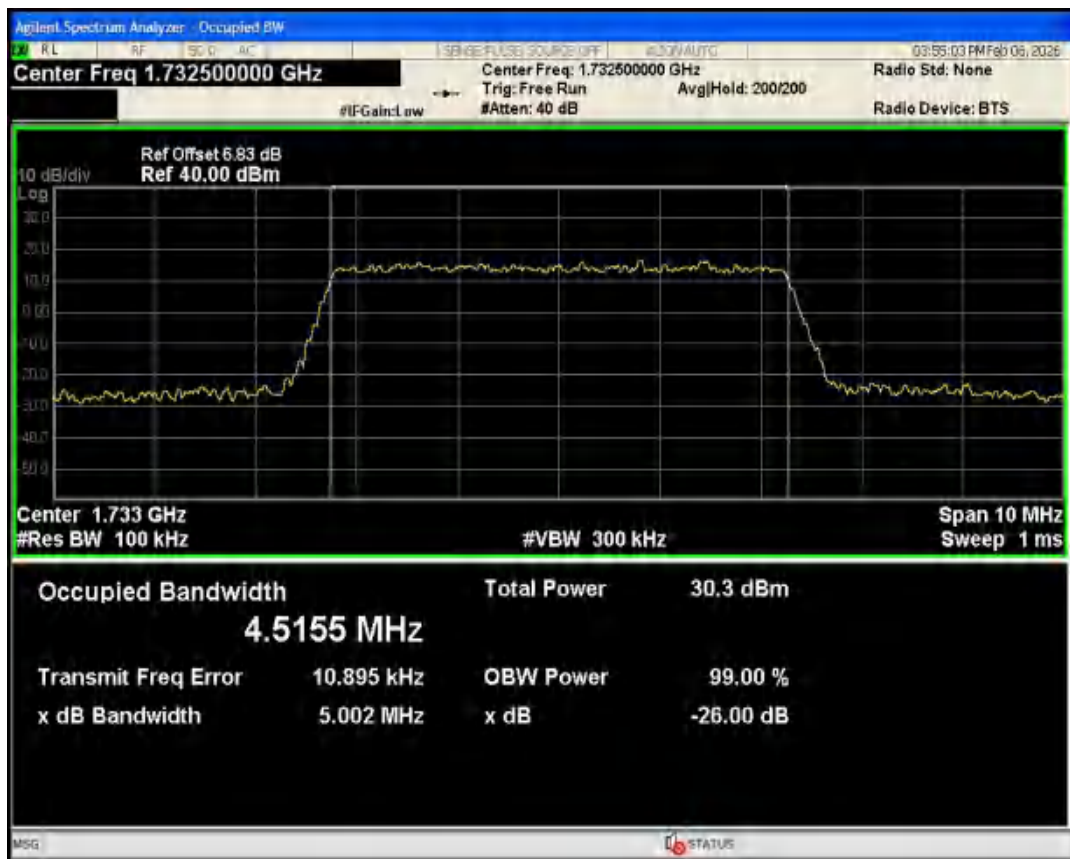
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



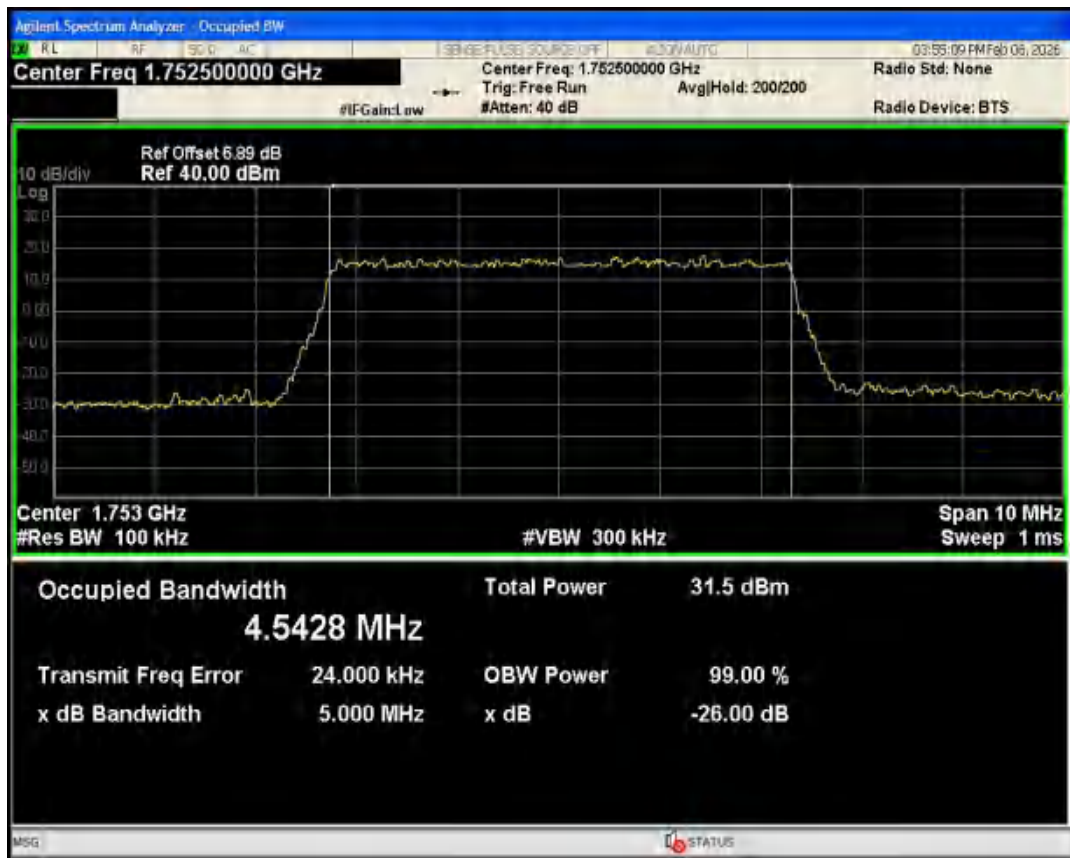
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



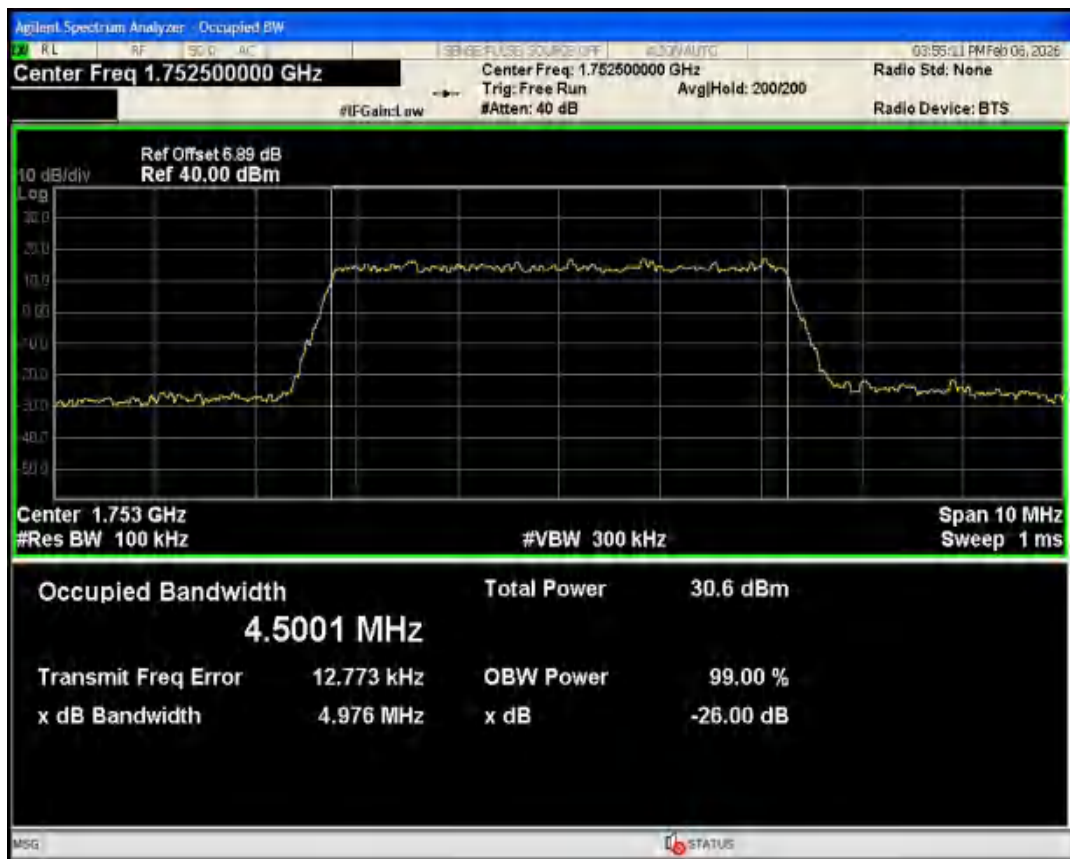
Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



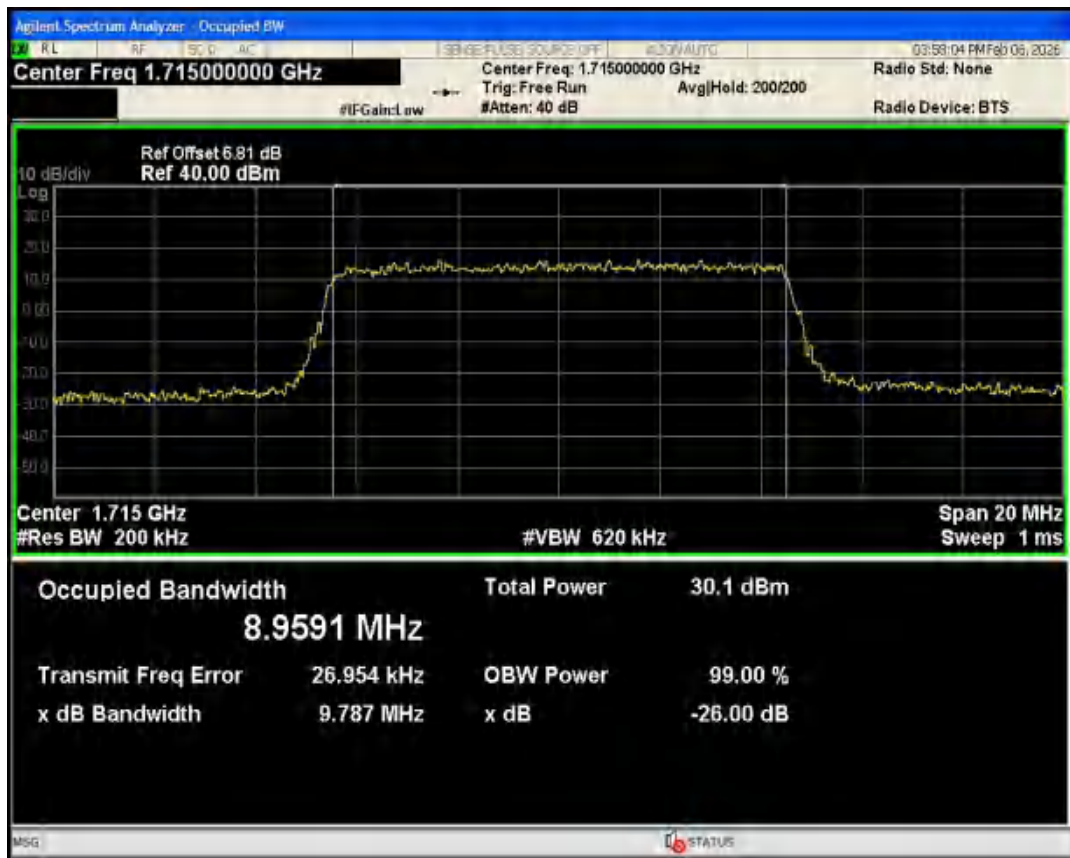
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



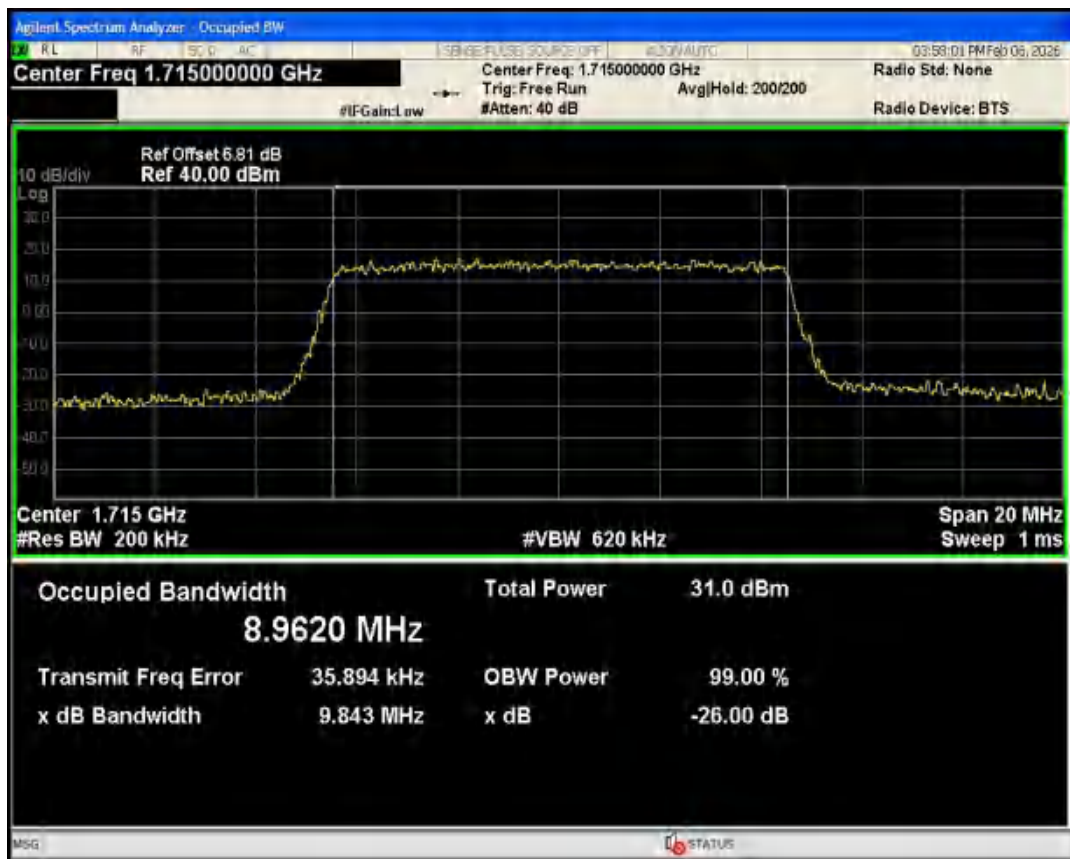
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



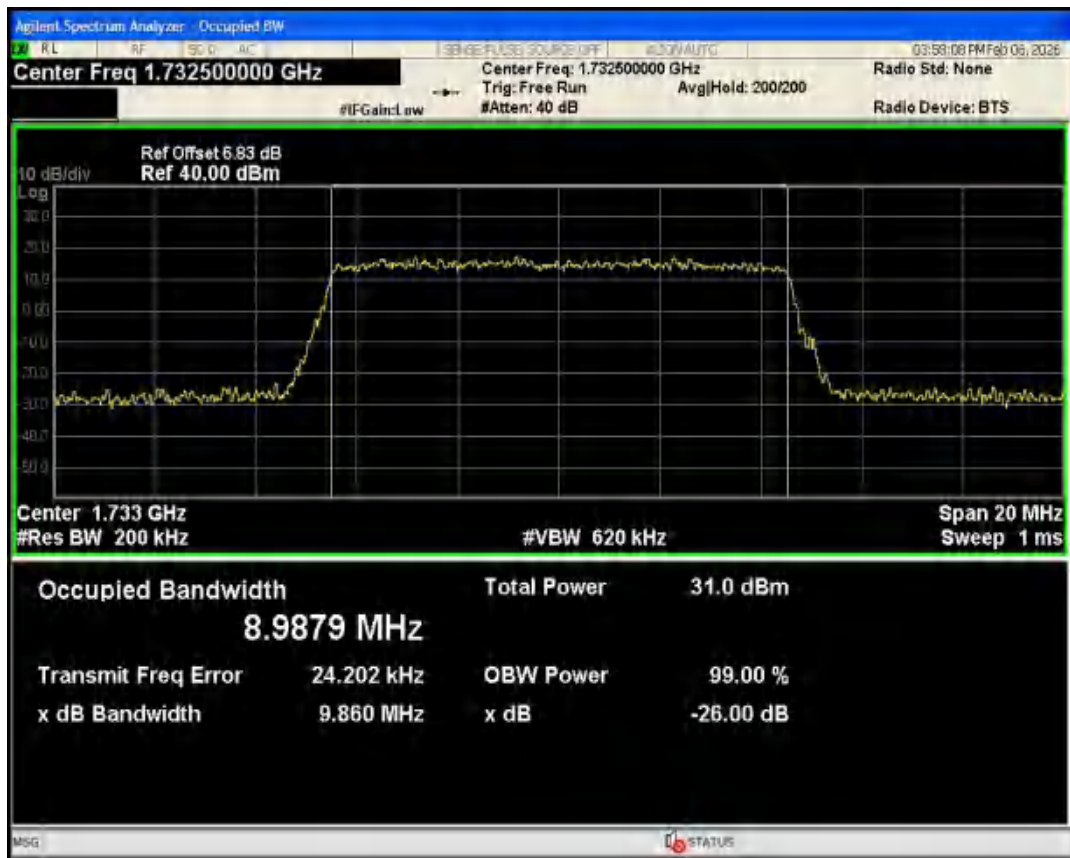
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



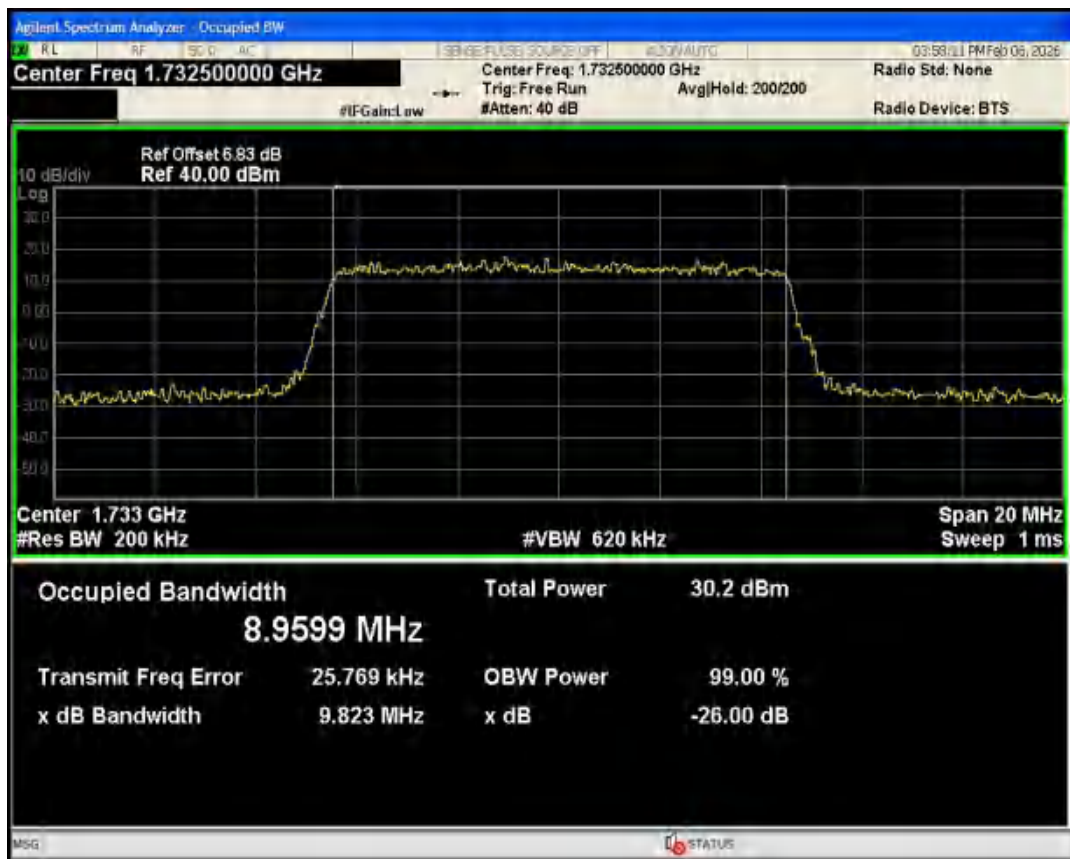
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



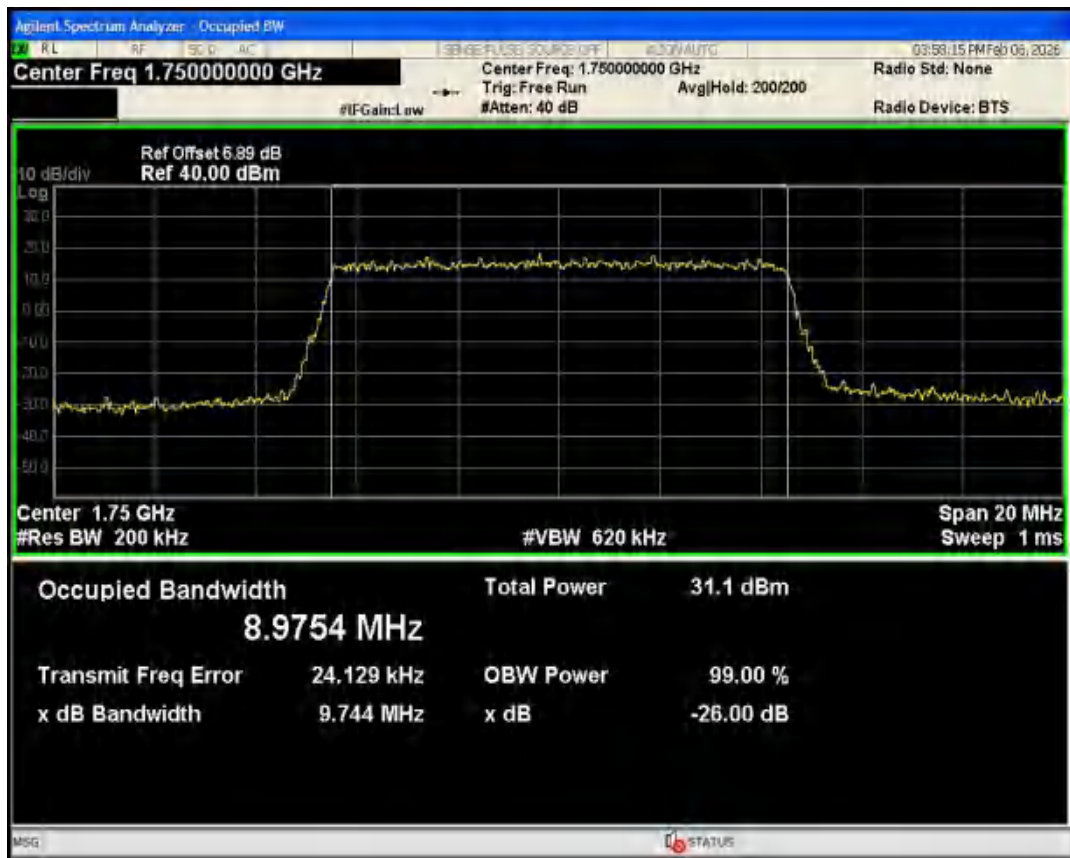
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



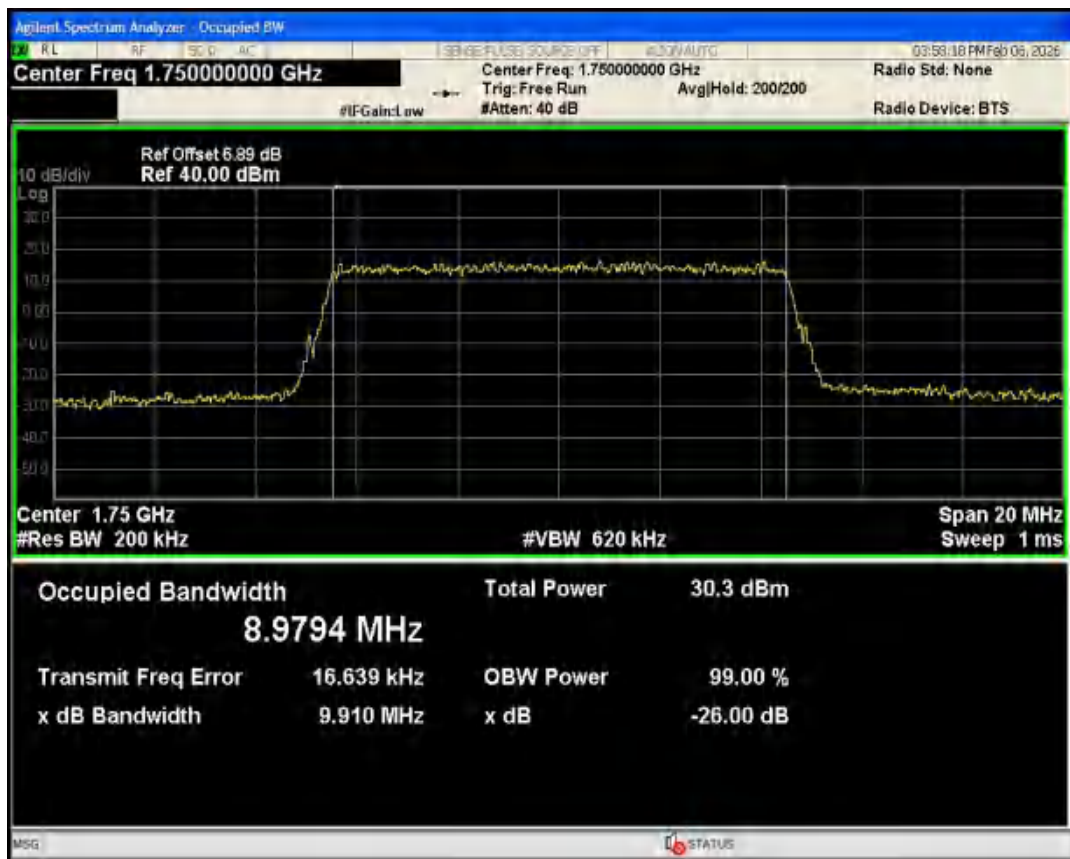
Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0



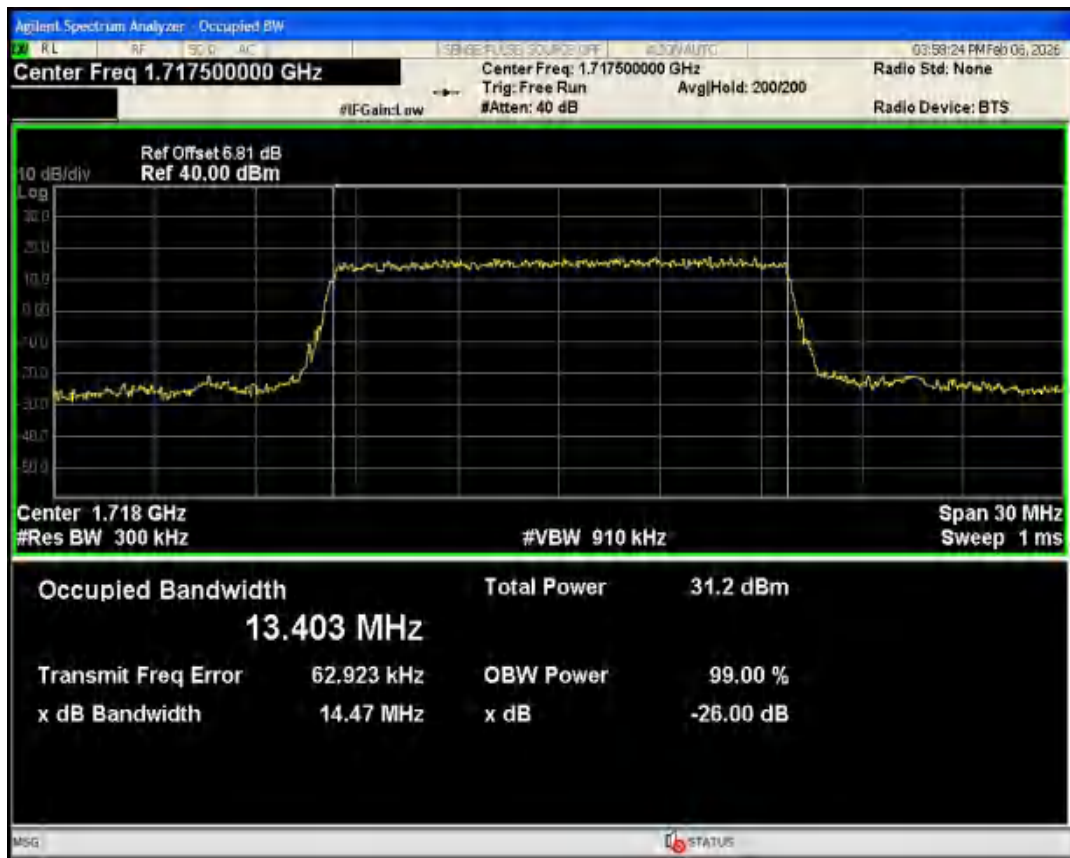
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



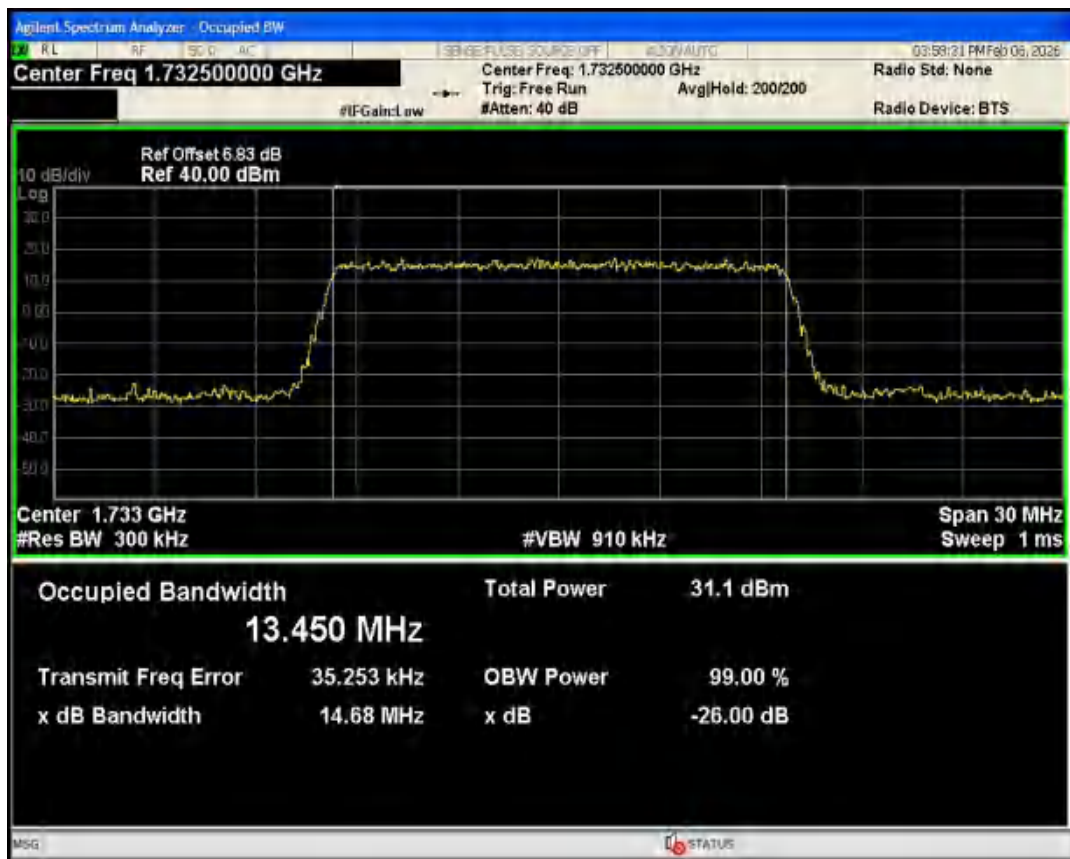
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



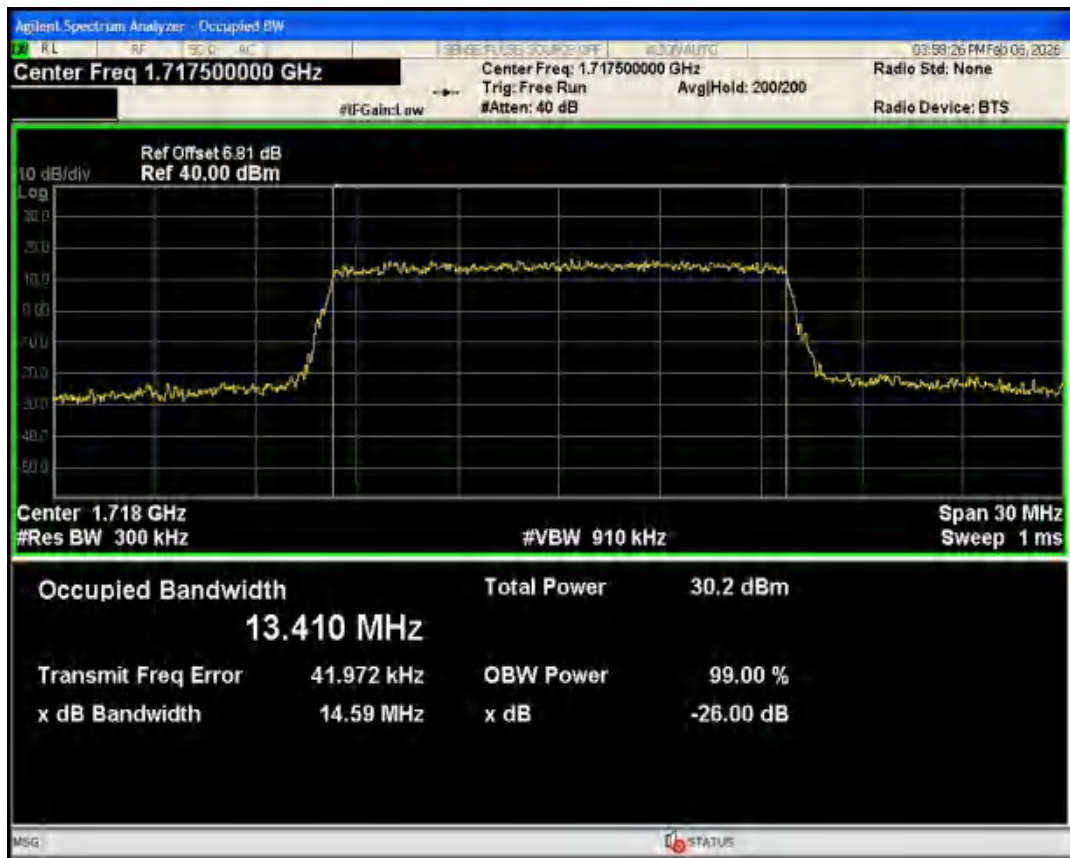
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



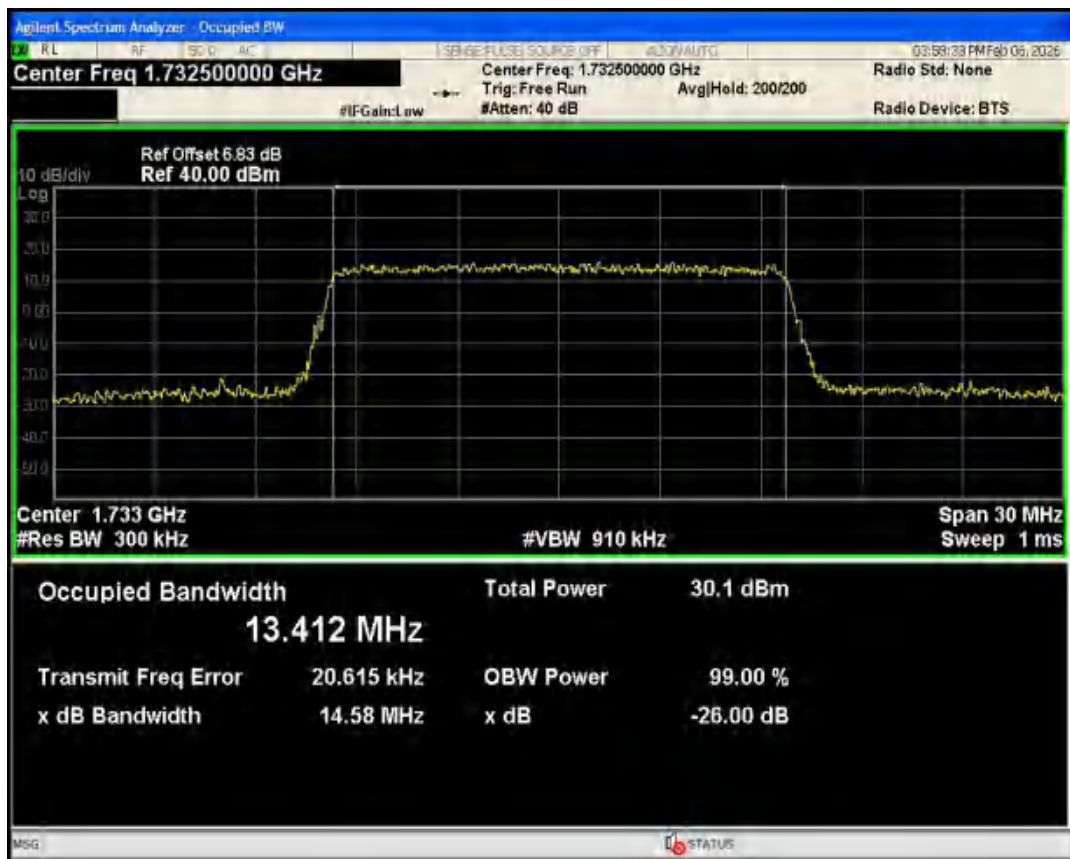
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



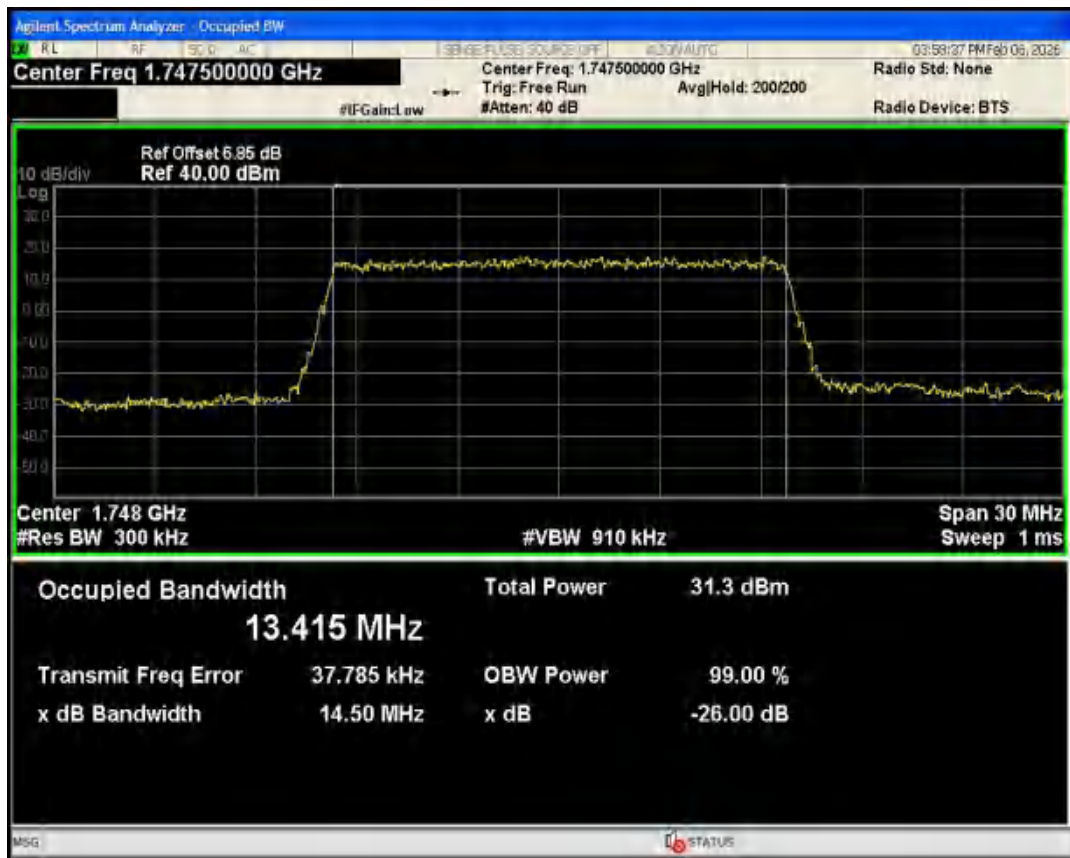
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



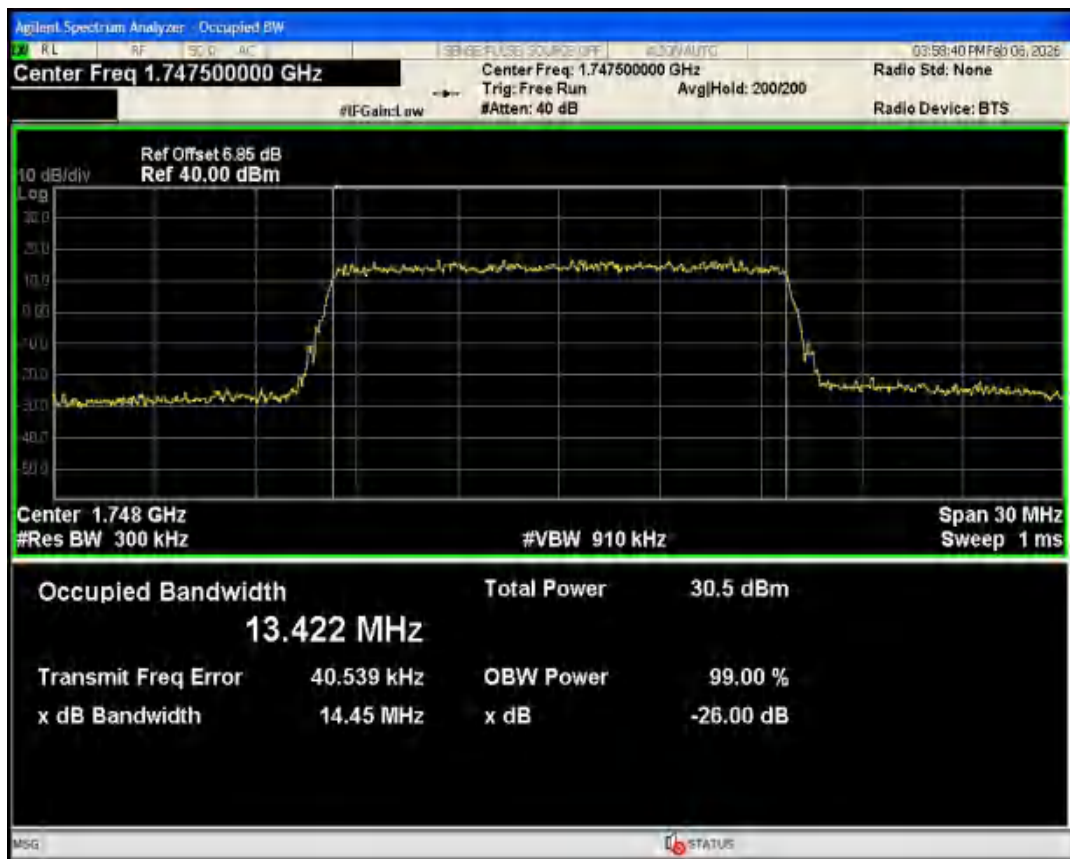
Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0



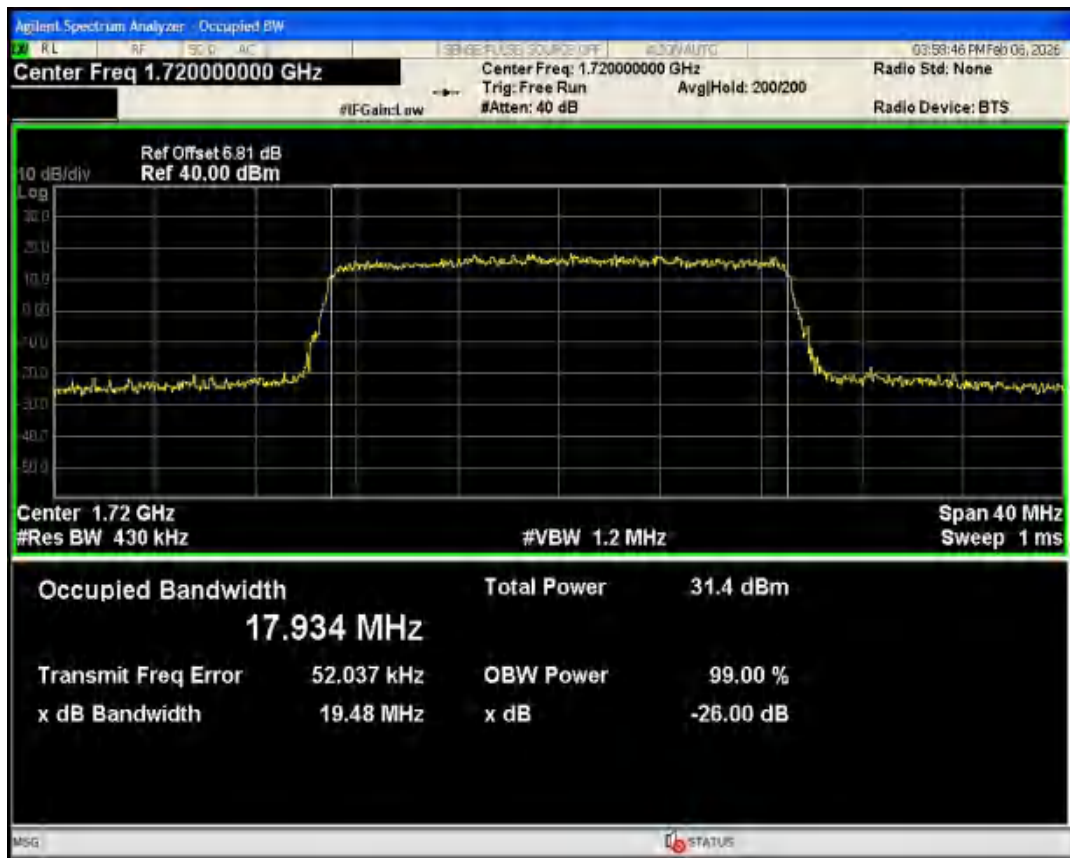
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



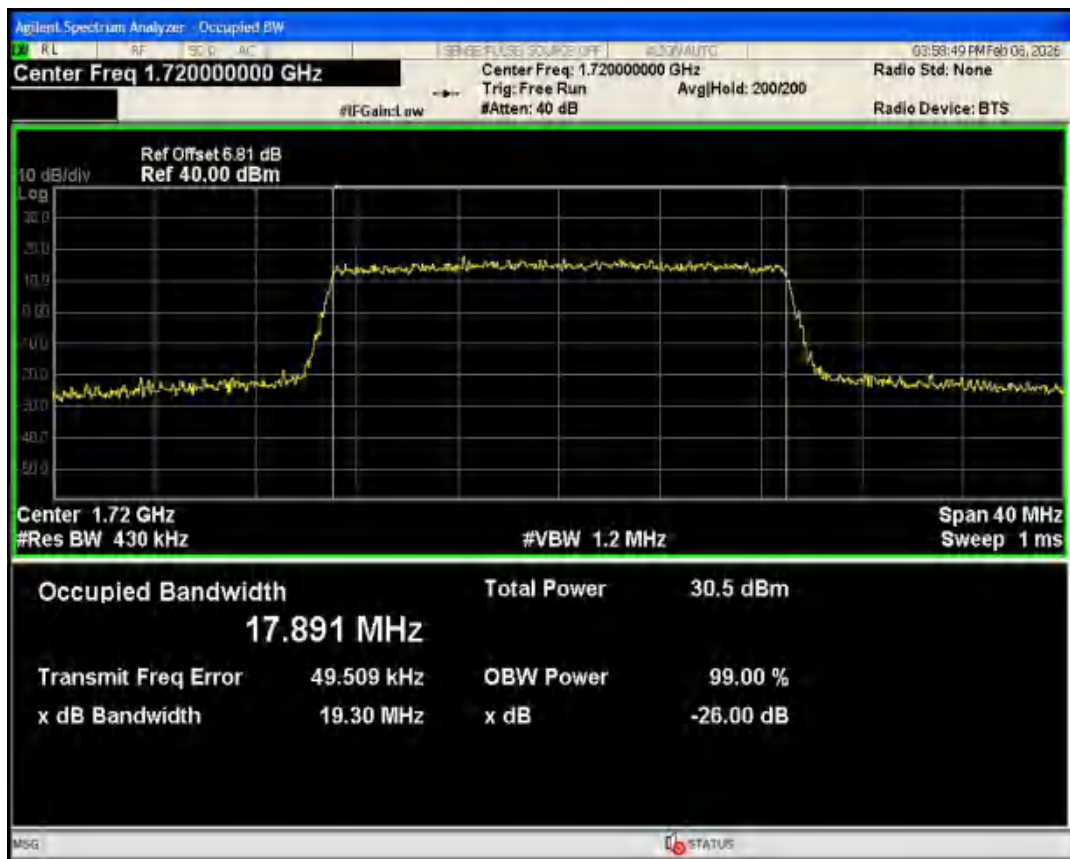
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



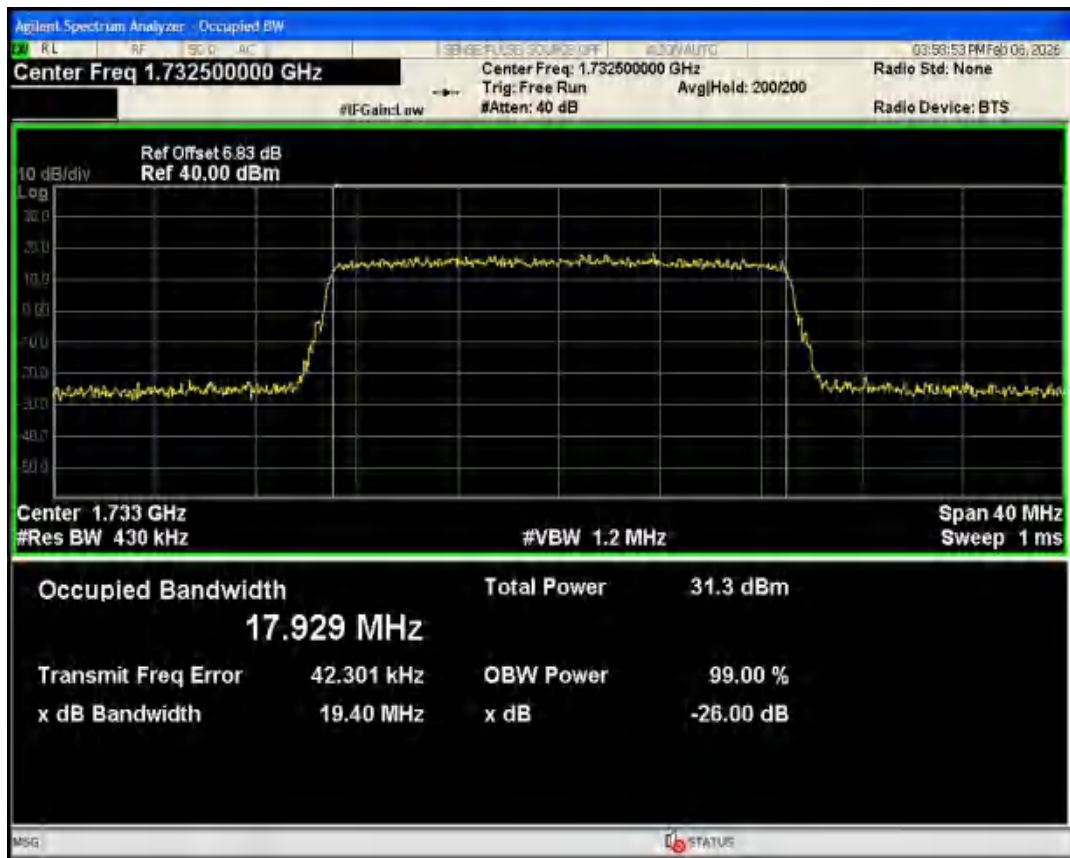
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



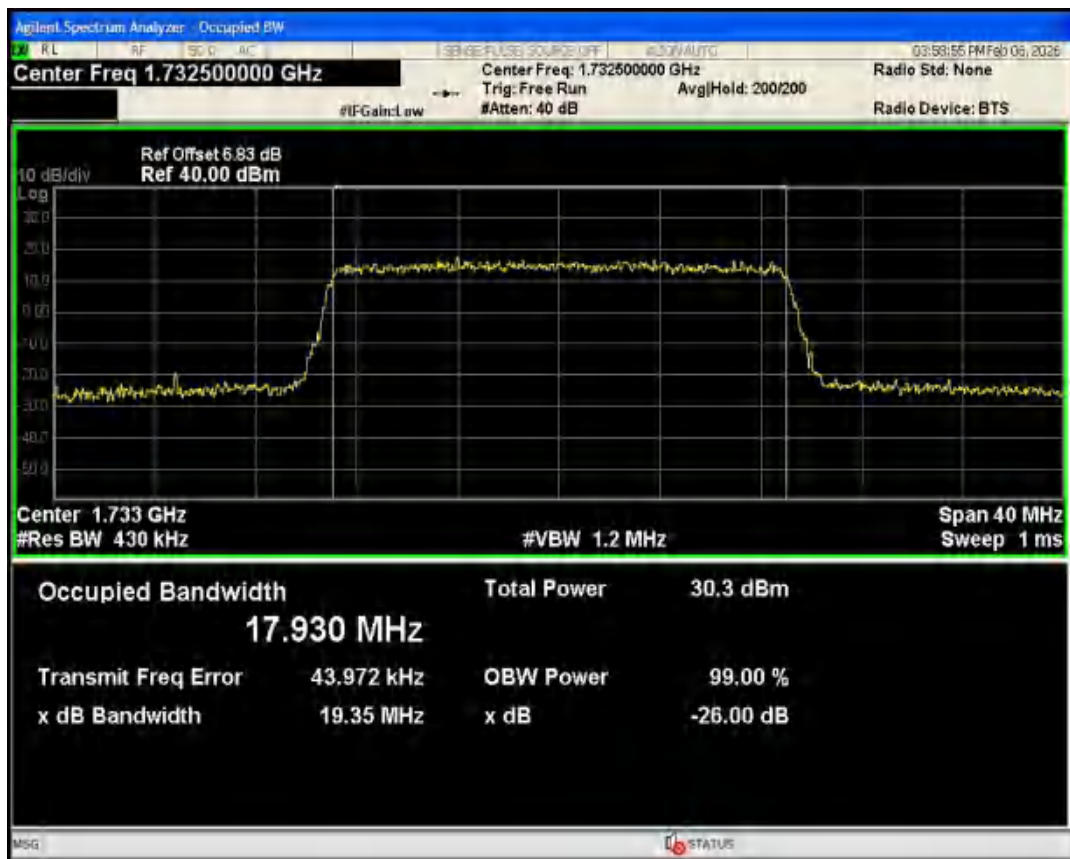
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



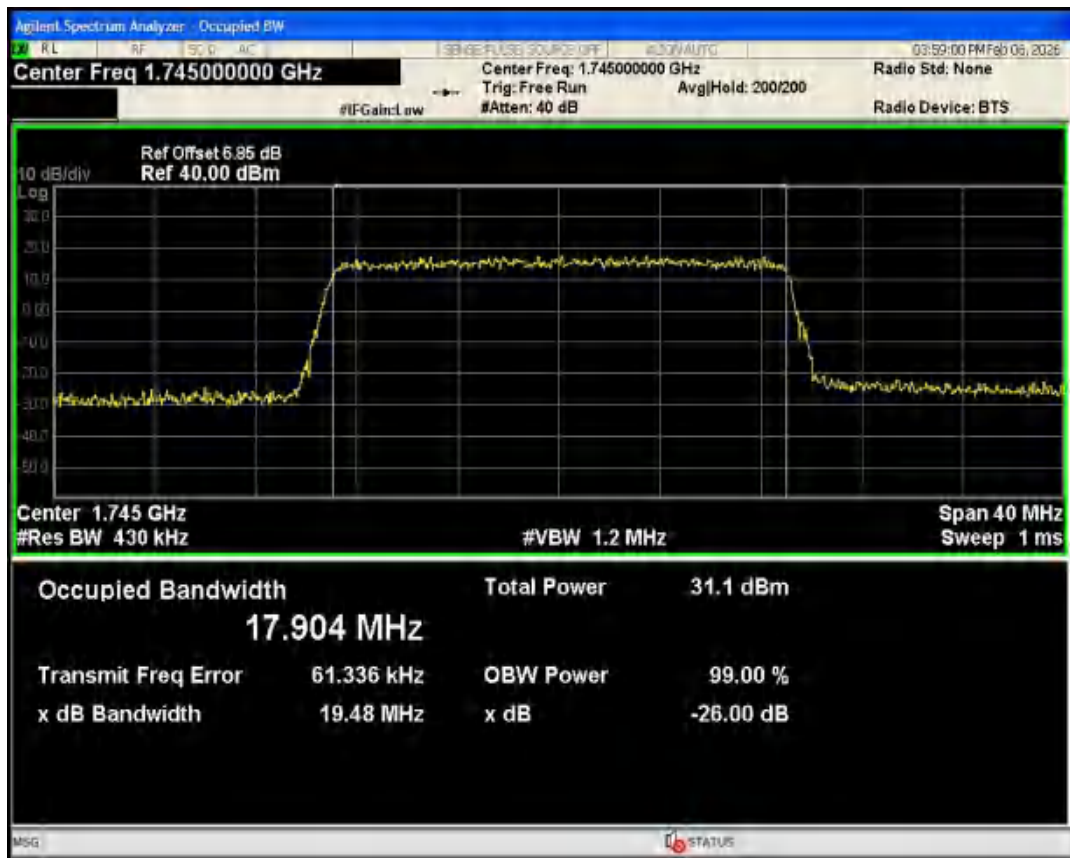
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



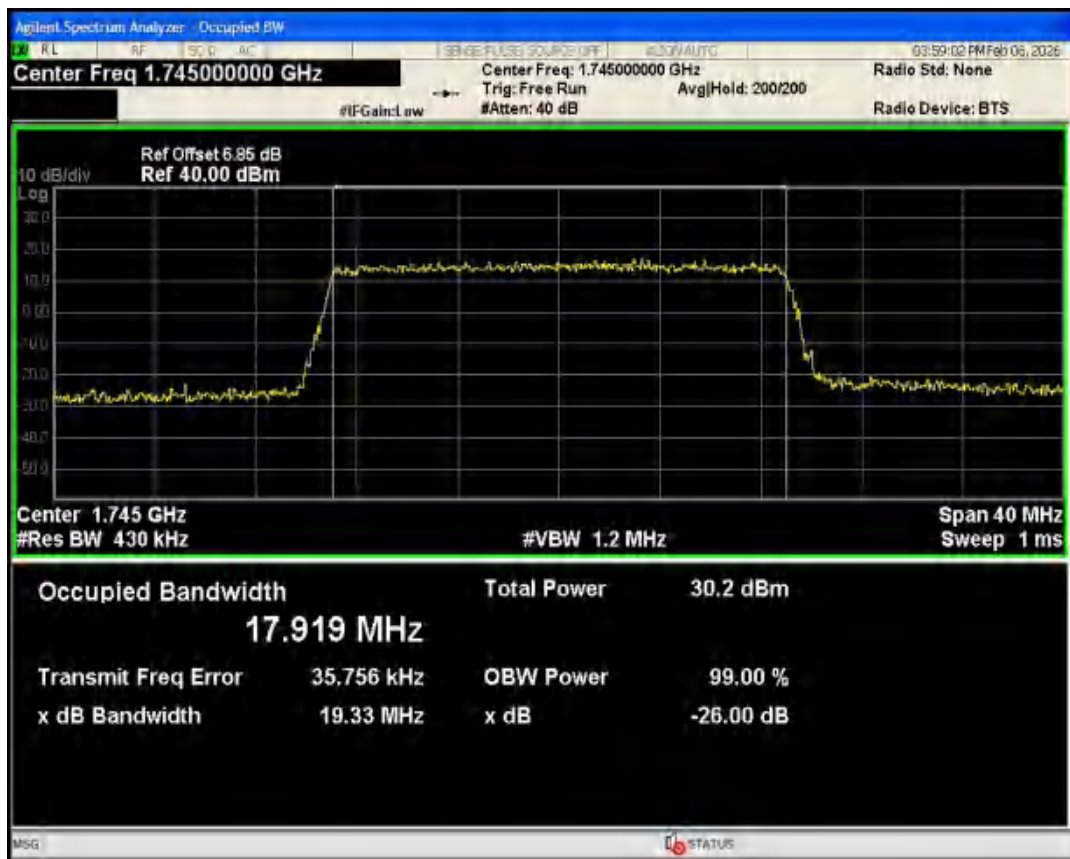
Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0



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



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



5 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	1710.00	-29.50	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1710.00	-29.64	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-28.46	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.00	-30.13	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-27.73	-13	PASS
Band4	3	19965	15	#0	QAM16	1710.00	-28.01	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-27.04	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.00	-28.15	-13	PASS
Band4	5	19975	25	#0	QPSK	1709.98	-28.69	-13	PASS
Band4	5	19975	25	#0	QAM16	1710.00	-29.52	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-28.76	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.00	-26.86	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.98	-31.64	-13	PASS
Band4	10	20000	50	#0	QAM16	1710.00	-31.02	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-30.46	-13	PASS
Band4	10	20350	50	#0	QAM16	1755.02	-31.16	-13	PASS
Band4	15	20025	75	#0	QPSK	1710.00	-31.90	-13	PASS
Band4	15	20025	75	#0	QAM16	1710.00	-33.61	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.00	-32.07	-13	PASS
Band4	15	20325	75	#0	QAM16	1755.09	-33.02	-13	PASS
Band4	20	20050	100	#0	QPSK	1710.00	-33.11	-13	PASS
Band4	20	20050	100	#0	QAM16	1709.80	-33.65	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.00	-31.87	-13	PASS
Band4	20	20300	100	#0	QAM16	1755.00	-32.83	-13	PASS

Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 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 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



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



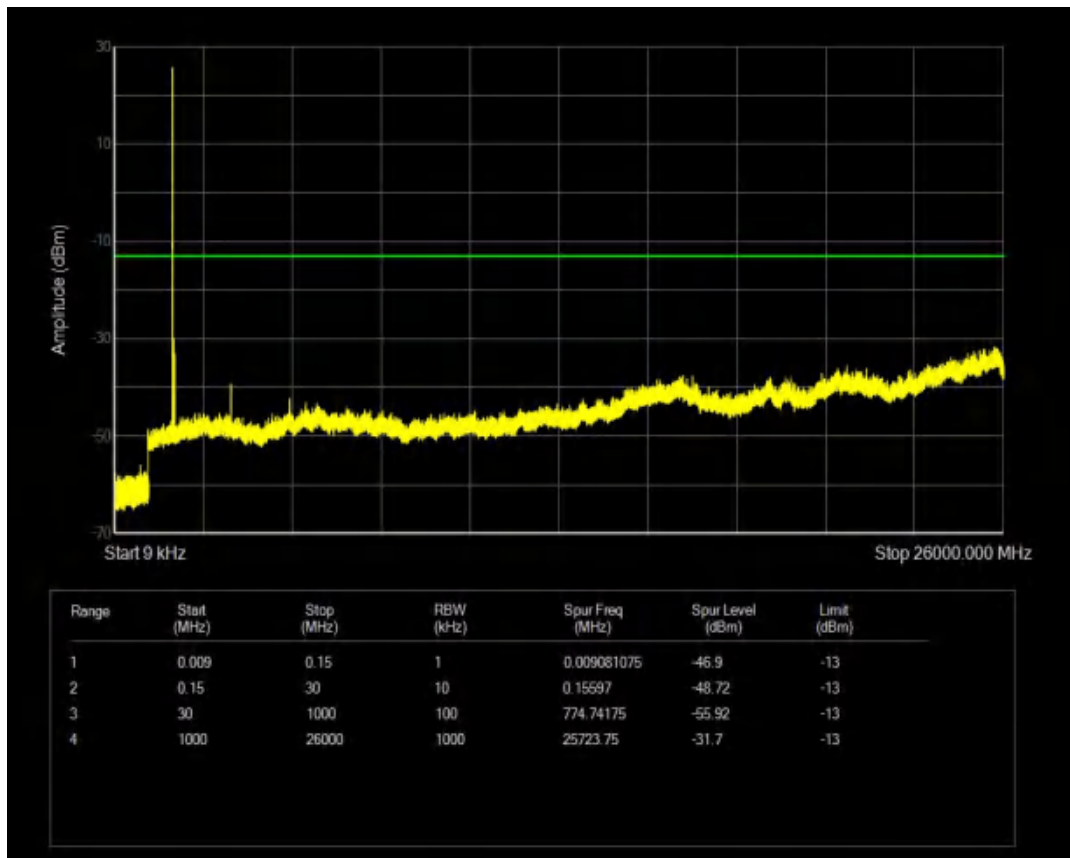
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



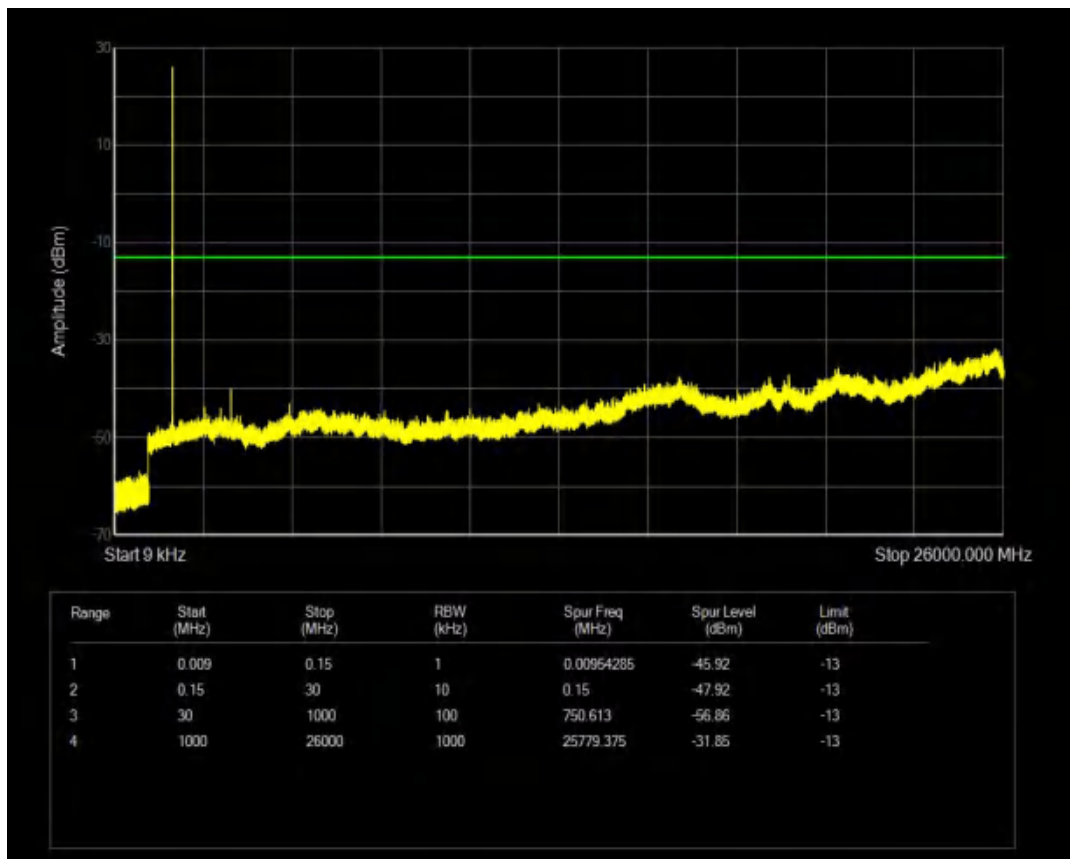
6 Out-of-band emissions

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	25723.75	-31.70	-13	PASS
Band4	1.4	19957	6	#0	QAM16	25779.38	-31.85	-13	PASS
Band4	1.4	20393	6	#0	QPSK	25741.25	-31.89	-13	PASS
Band4	1.4	20393	6	#0	QAM16	25746.25	-31.23	-13	PASS
Band4	3	19965	15	#0	QPSK	25832.50	-30.71	-13	PASS
Band4	3	19965	15	#0	QAM16	25405.63	-30.92	-13	PASS
Band4	3	20385	15	#0	QPSK	25802.50	-30.53	-13	PASS
Band4	3	20385	15	#0	QAM16	25602.50	-31.40	-13	PASS
Band4	5	19975	25	#0	QPSK	25788.75	-31.49	-13	PASS
Band4	5	19975	25	#0	QAM16	25647.50	-31.32	-13	PASS
Band4	5	20375	25	#0	QPSK	25808.75	-31.46	-13	PASS
Band4	5	20375	25	#0	QAM16	25666.88	-31.33	-13	PASS
Band4	10	20000	50	#0	QPSK	25125.63	-31.91	-13	PASS
Band4	10	20000	50	#0	QAM16	25785.63	-31.68	-13	PASS
Band4	10	20350	50	#0	QPSK	25765.63	-31.52	-13	PASS
Band4	10	20350	50	#0	QAM16	25751.88	-31.63	-13	PASS
Band4	15	20025	75	#0	QPSK	25401.25	-30.90	-13	PASS
Band4	15	20025	75	#0	QAM16	25821.88	-31.99	-13	PASS
Band4	15	20325	75	#0	QPSK	25731.88	-31.73	-13	PASS
Band4	15	20325	75	#0	QAM16	25768.75	-30.98	-13	PASS
Band4	20	20050	100	#0	QPSK	25783.13	-31.50	-13	PASS
Band4	20	20050	100	#0	QAM16	25748.75	-31.17	-13	PASS
Band4	20	20300	100	#0	QPSK	25779.38	-31.28	-13	PASS
Band4	20	20300	100	#0	QAM16	25666.88	-31.74	-13	PASS

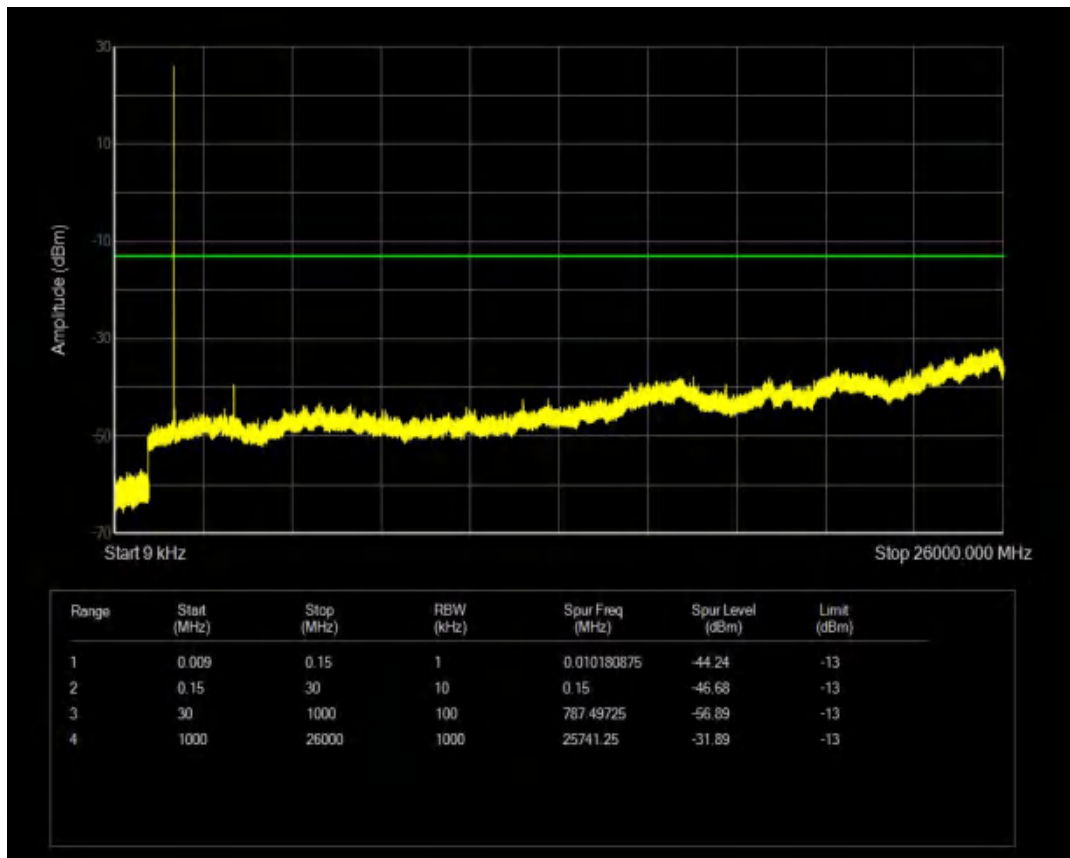
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



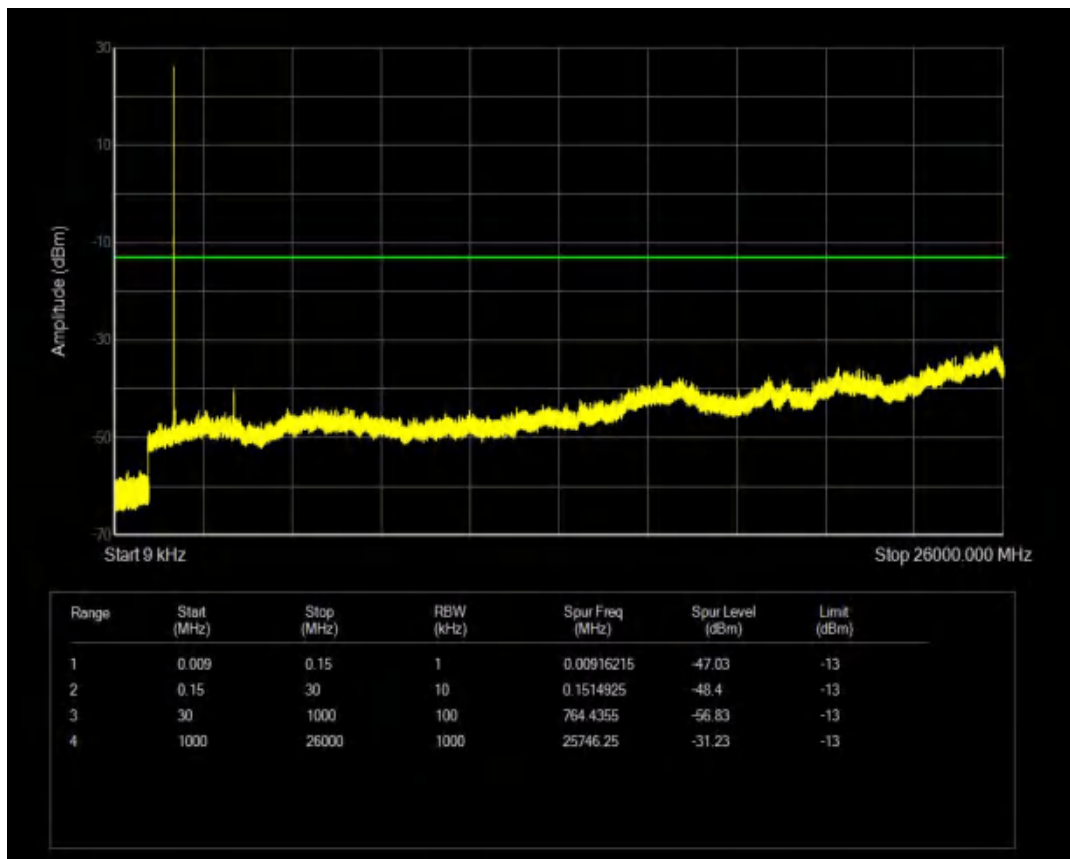
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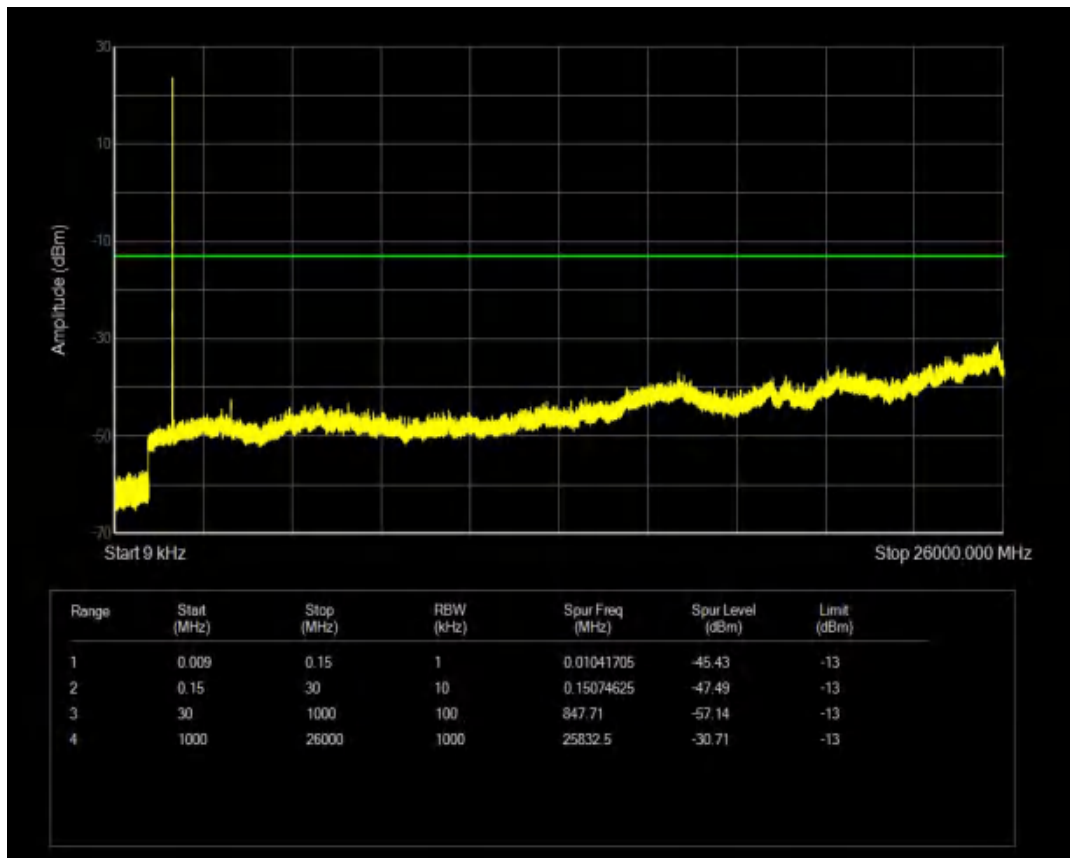
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



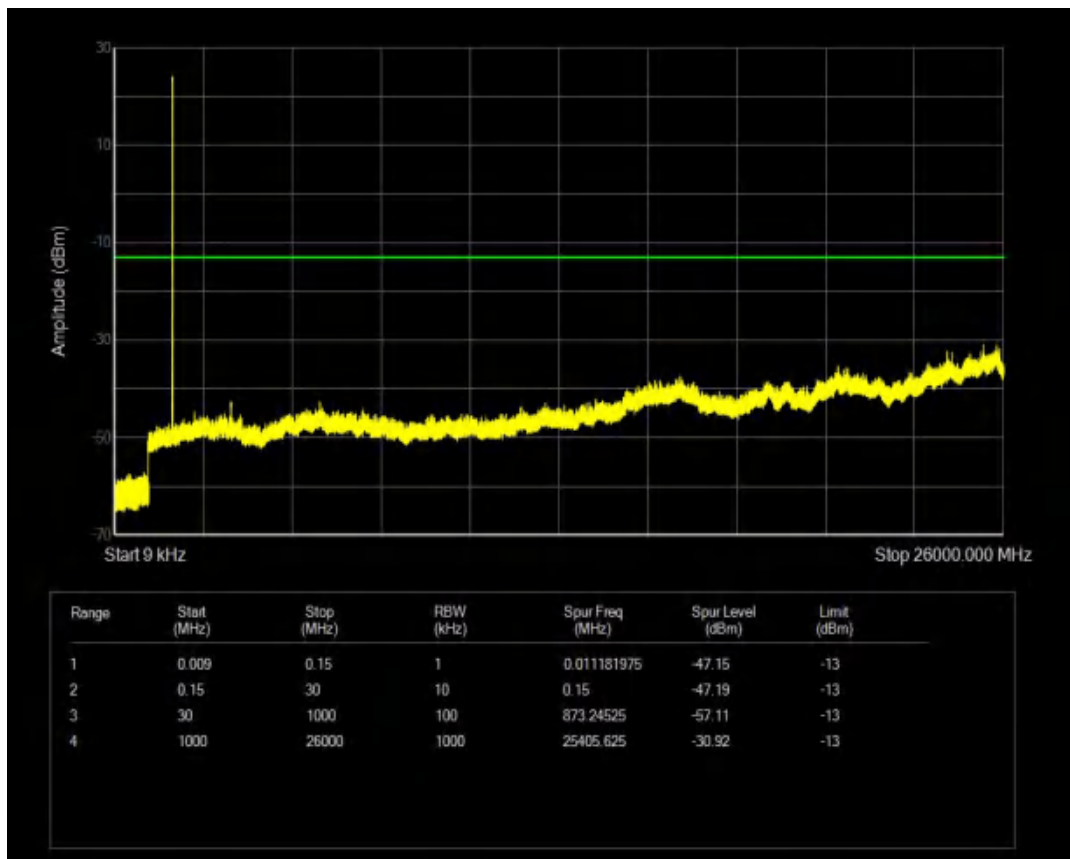
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



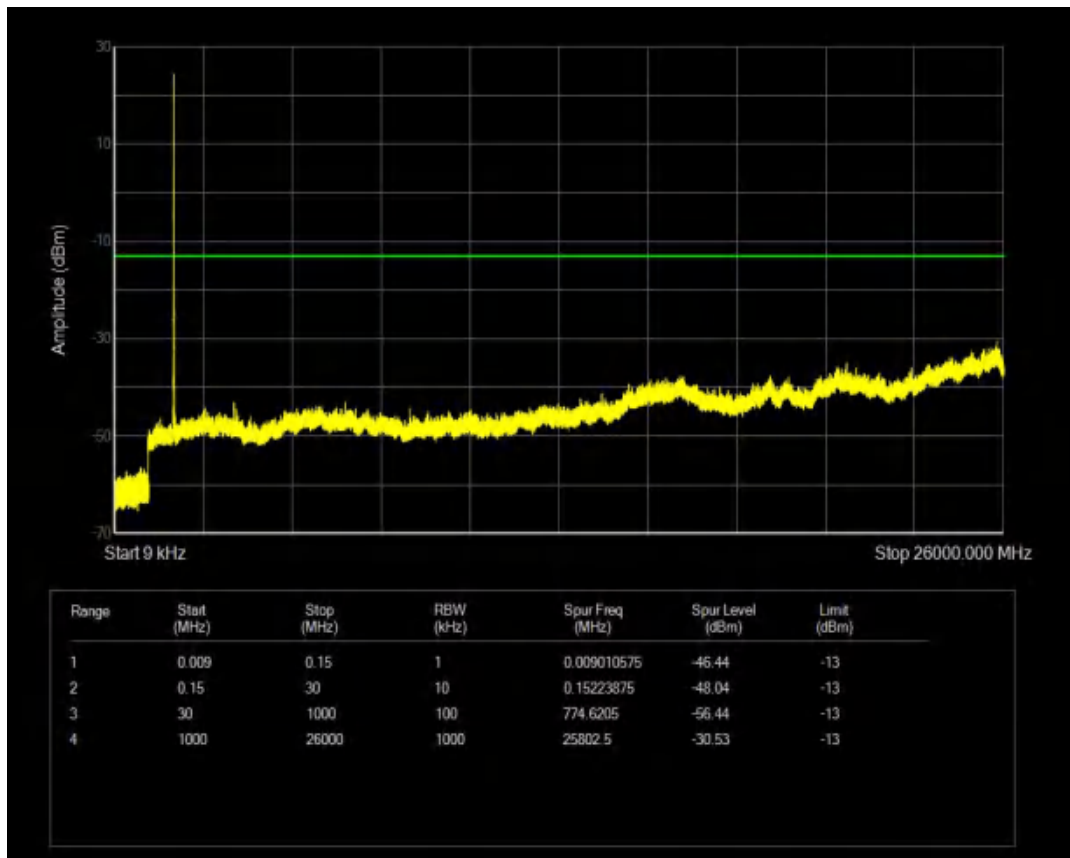
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



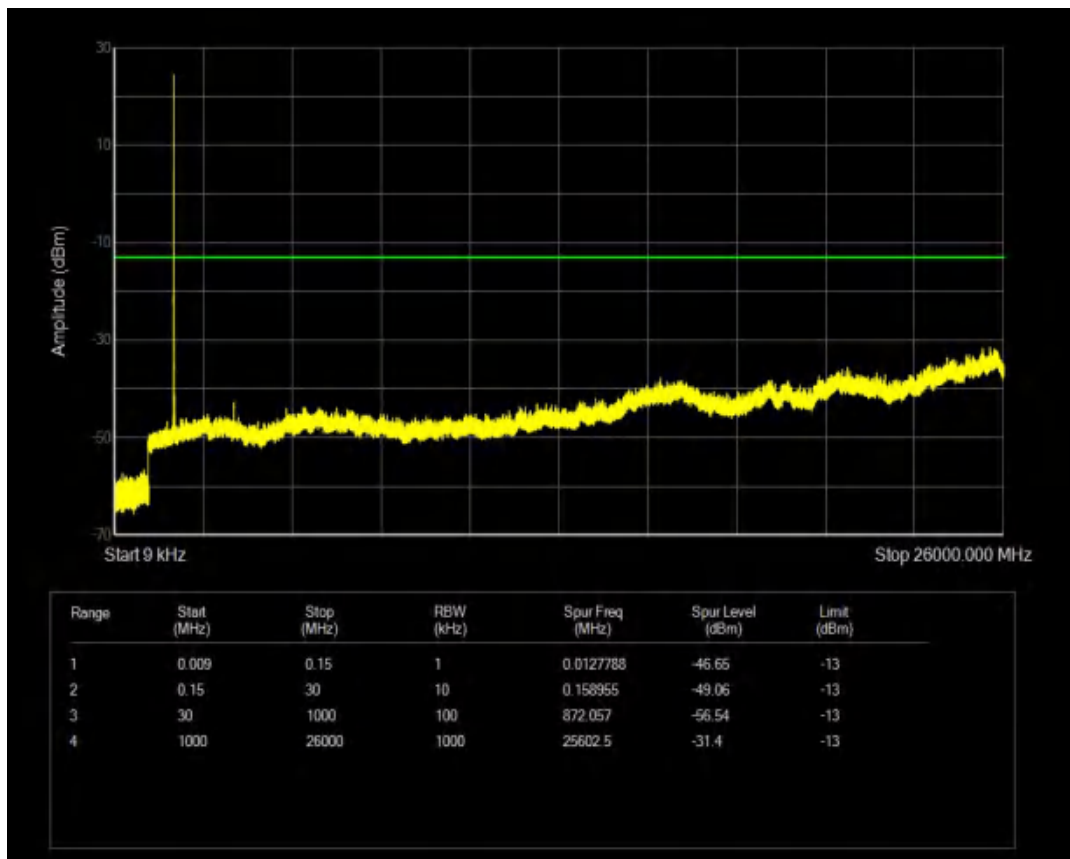
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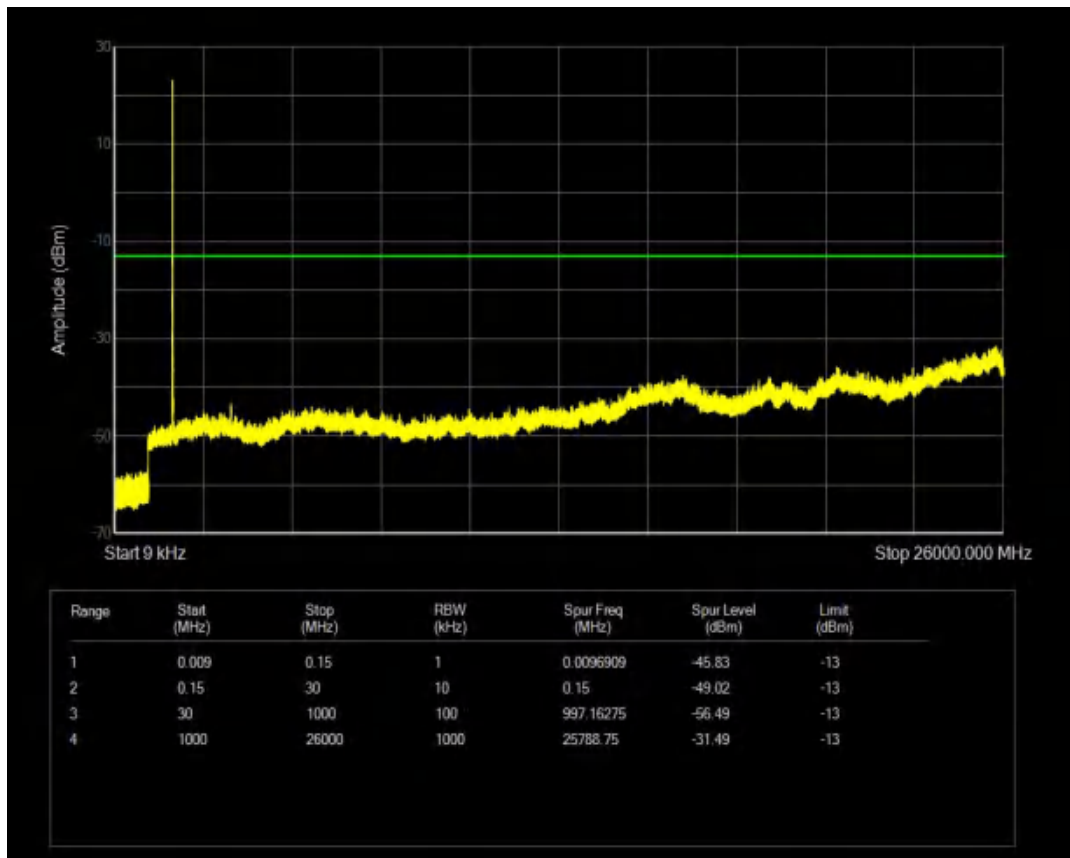
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



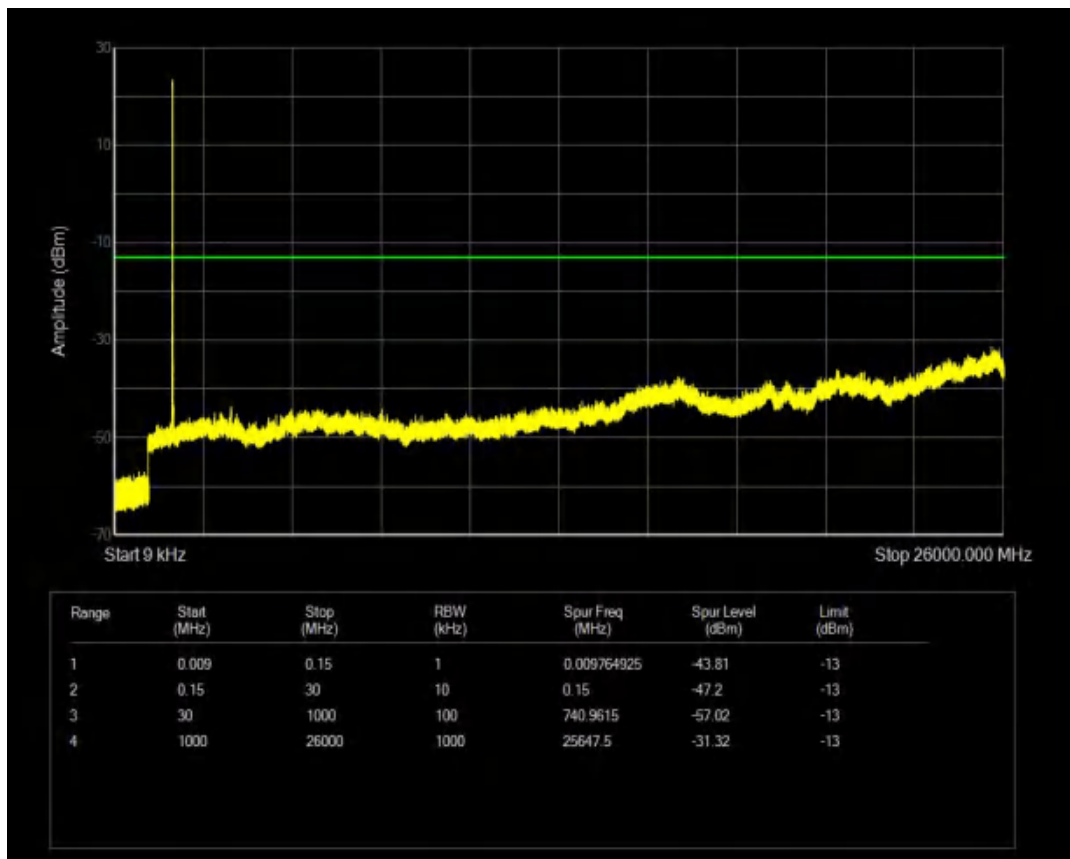
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



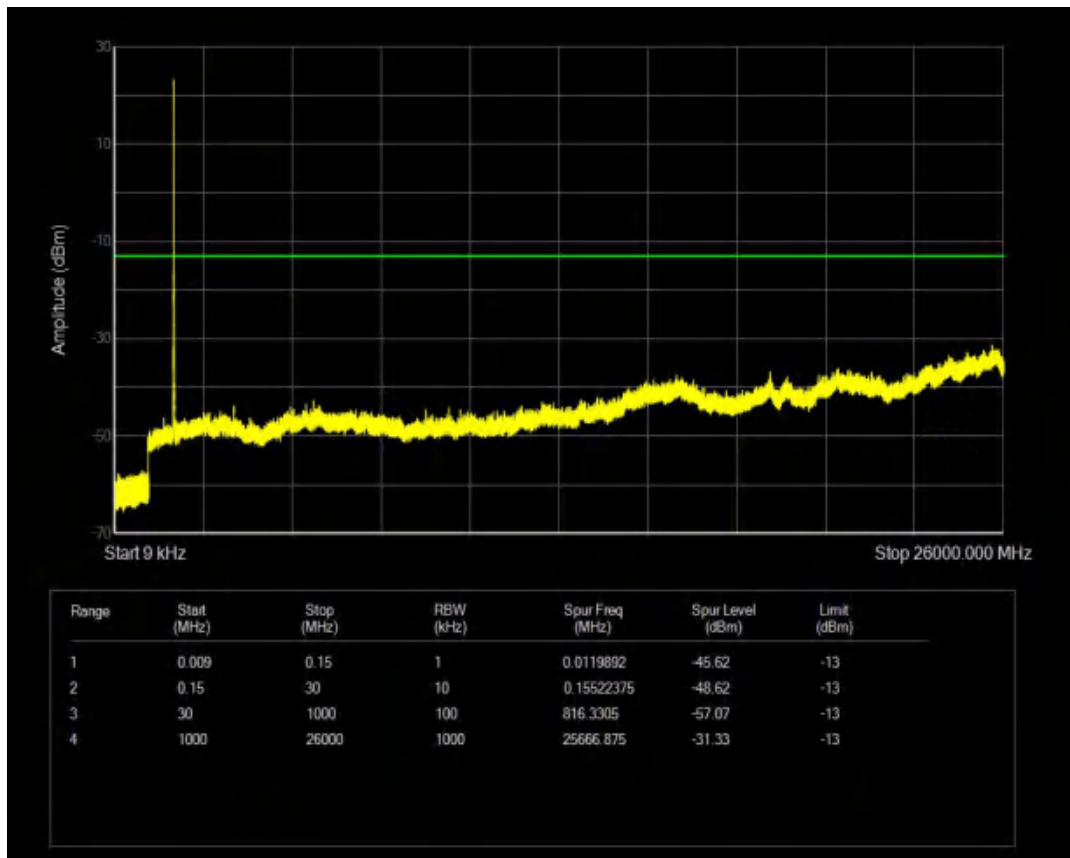
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



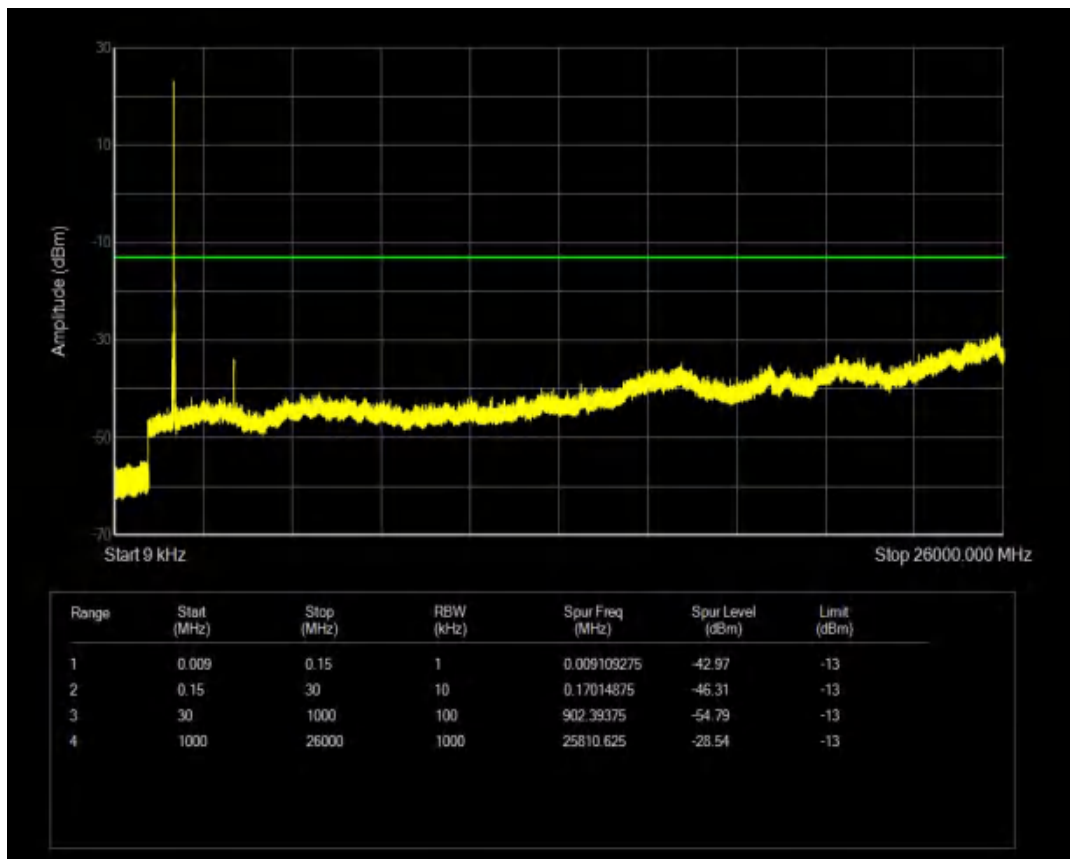
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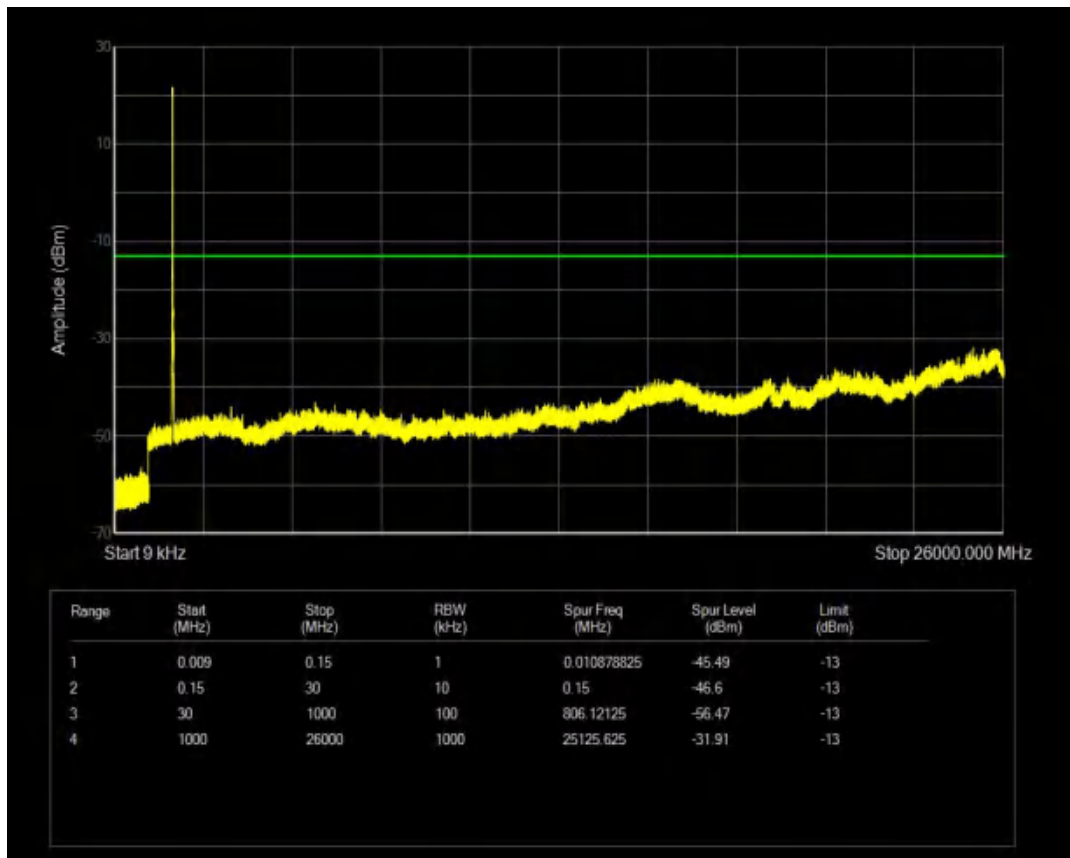
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



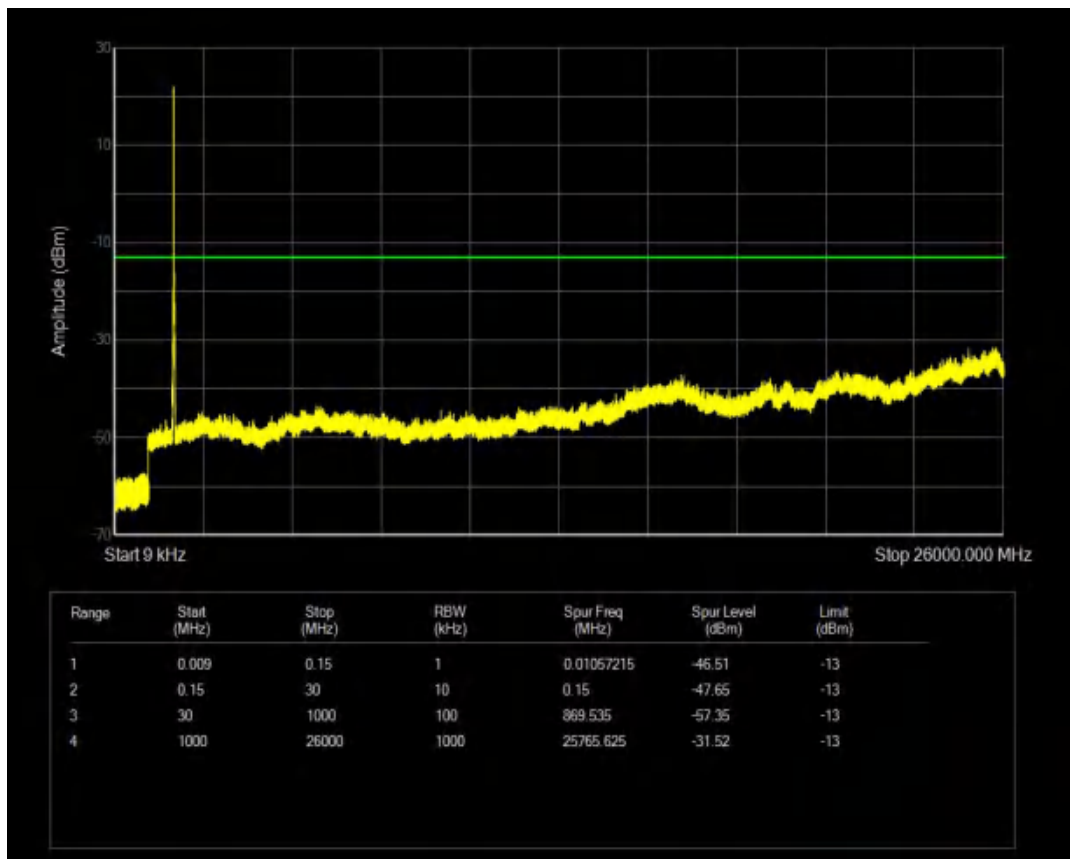
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



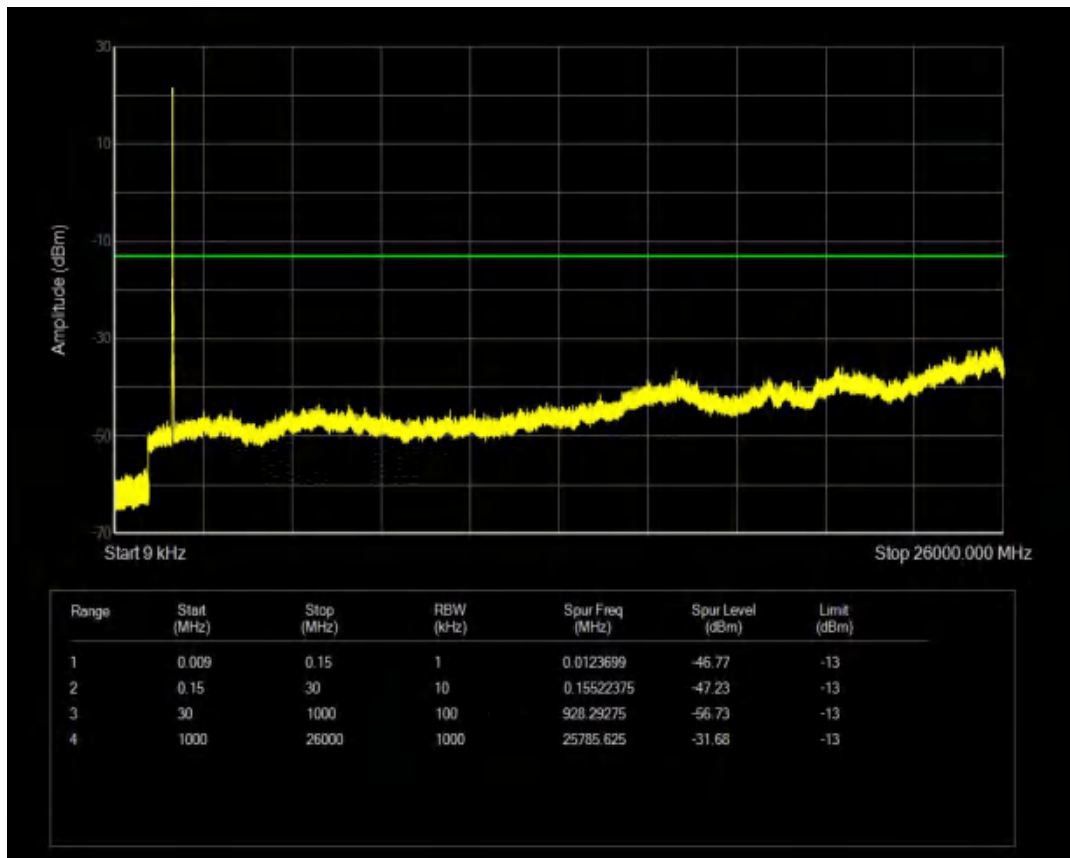
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



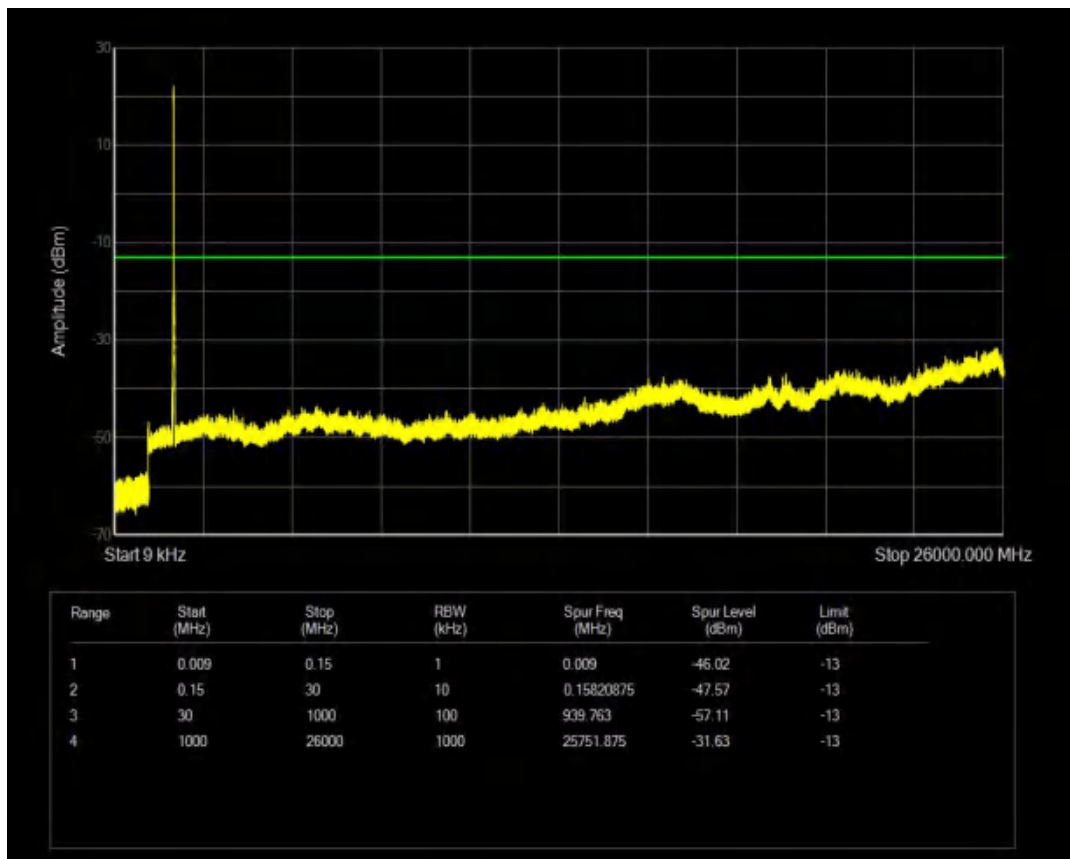
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



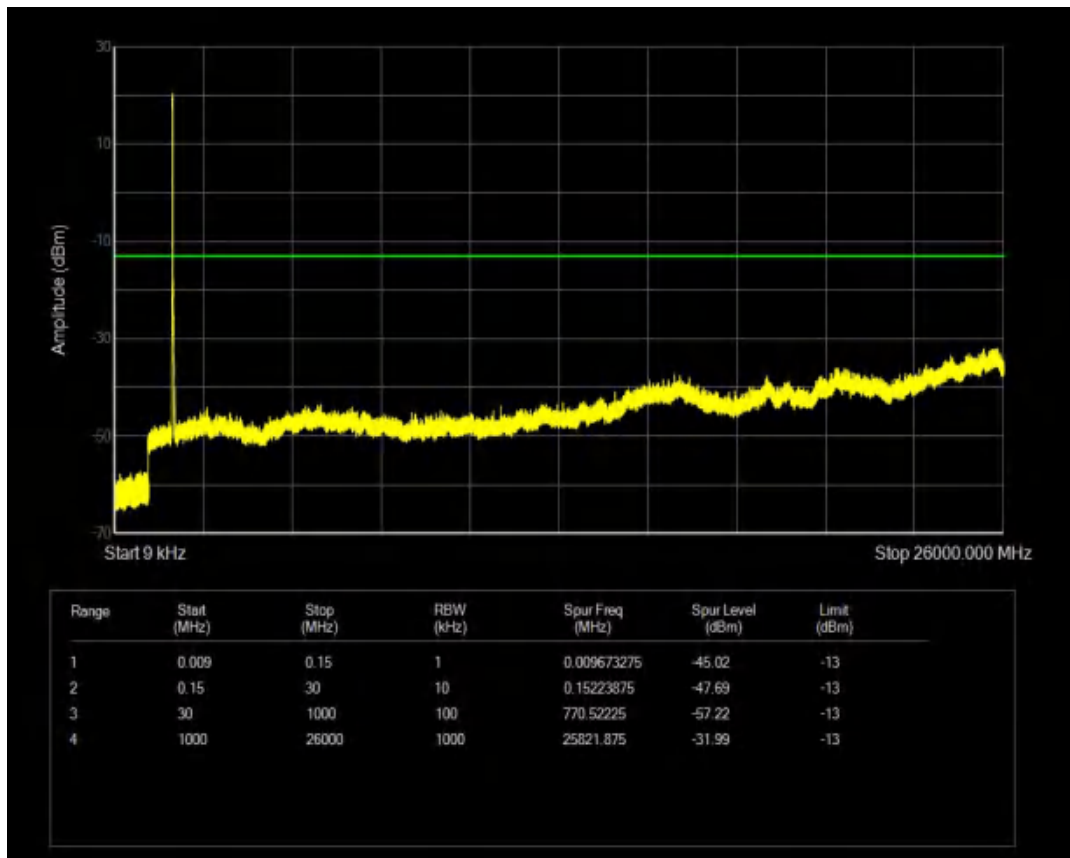
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



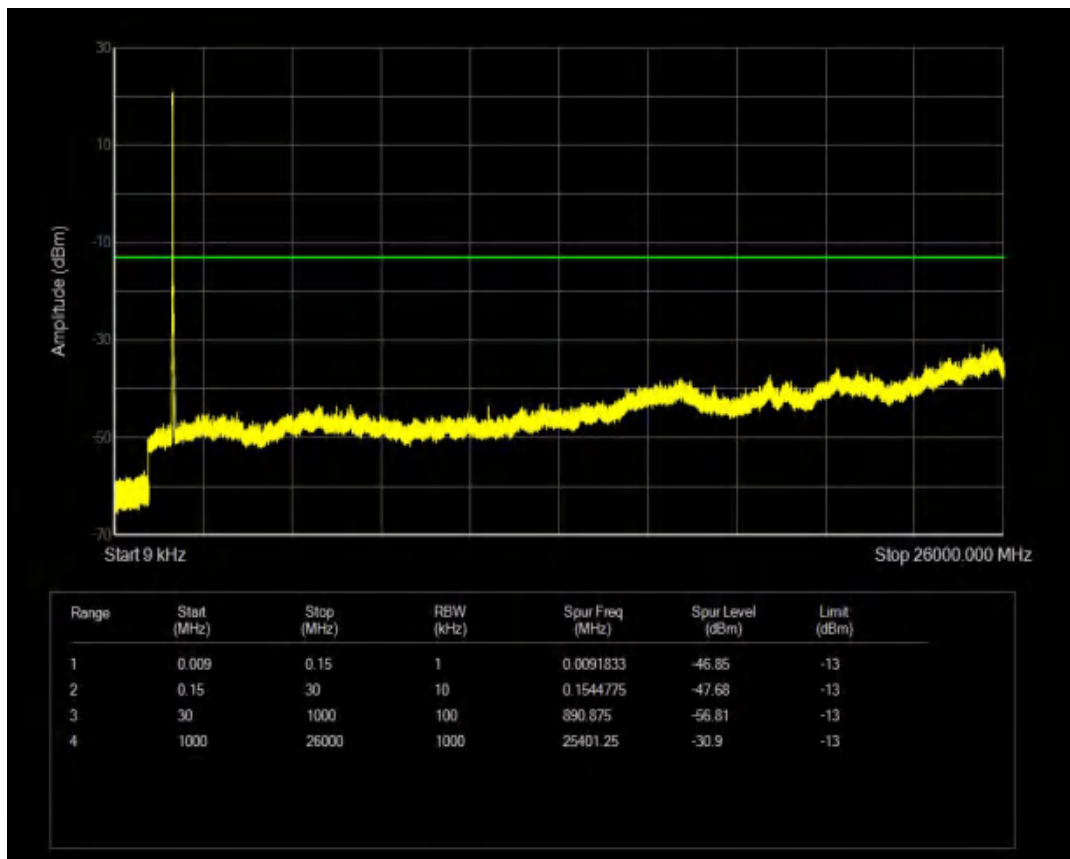
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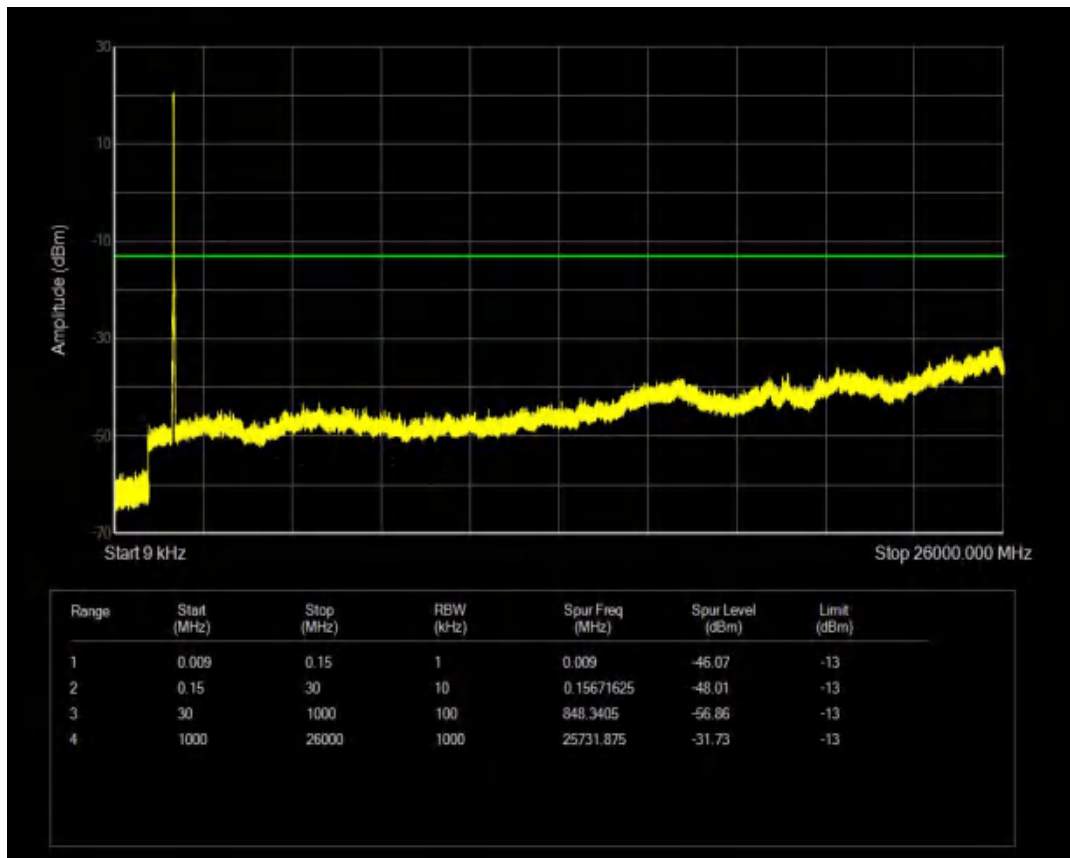
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



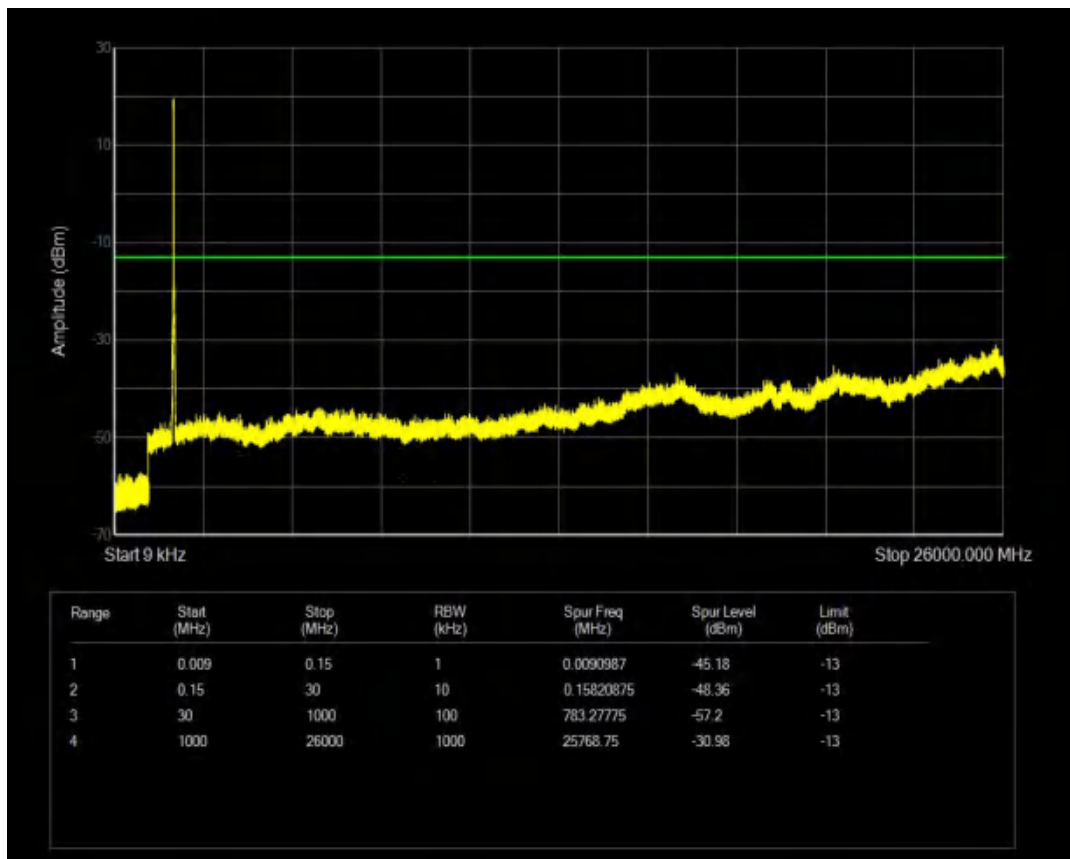
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



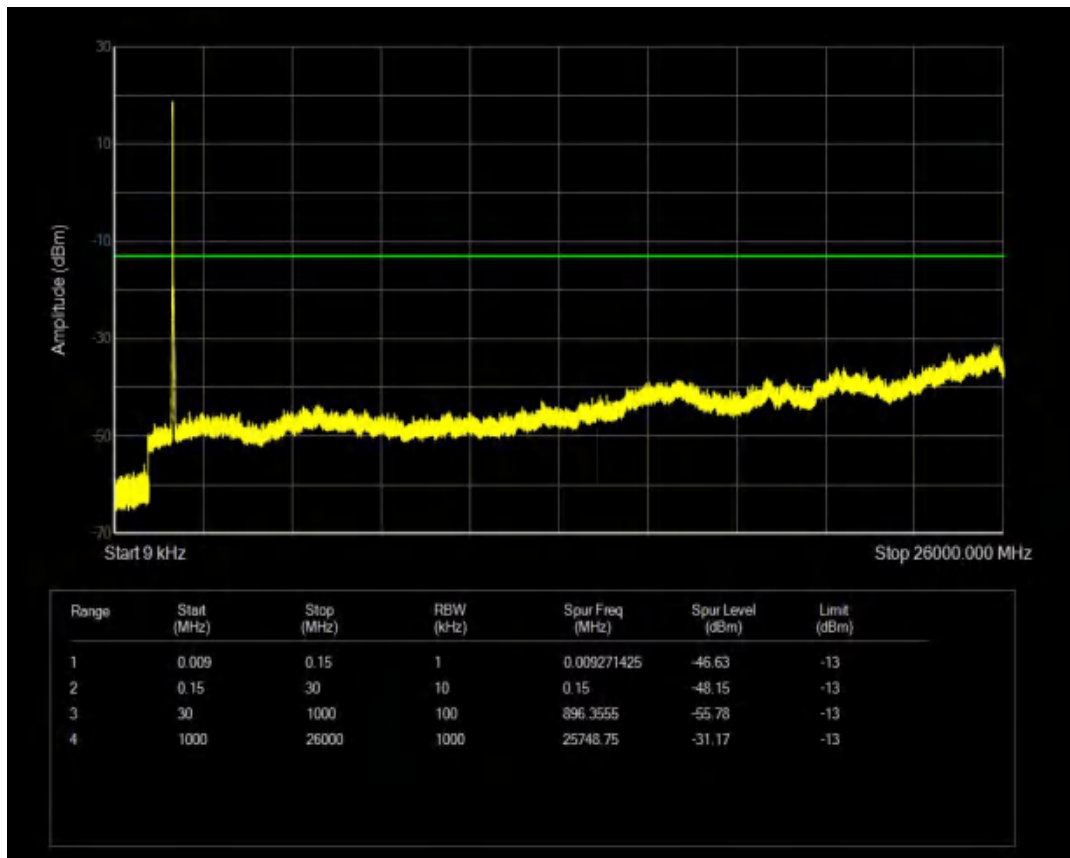
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



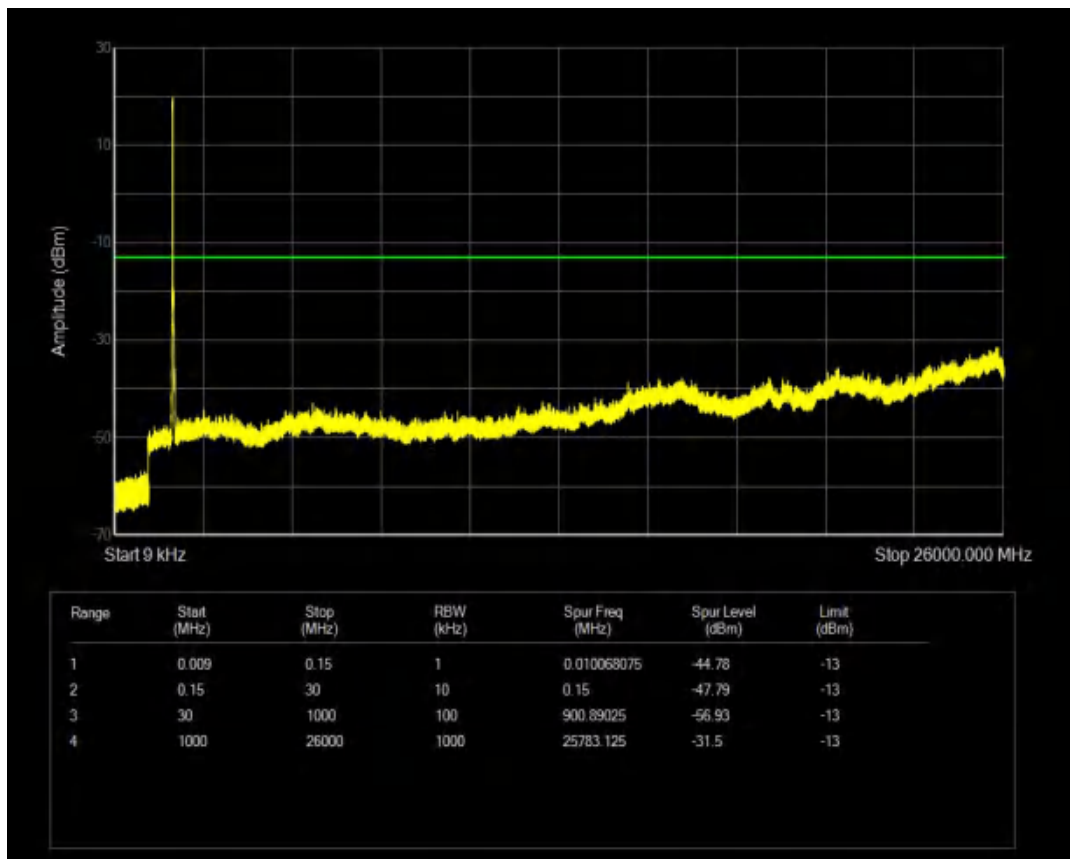
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



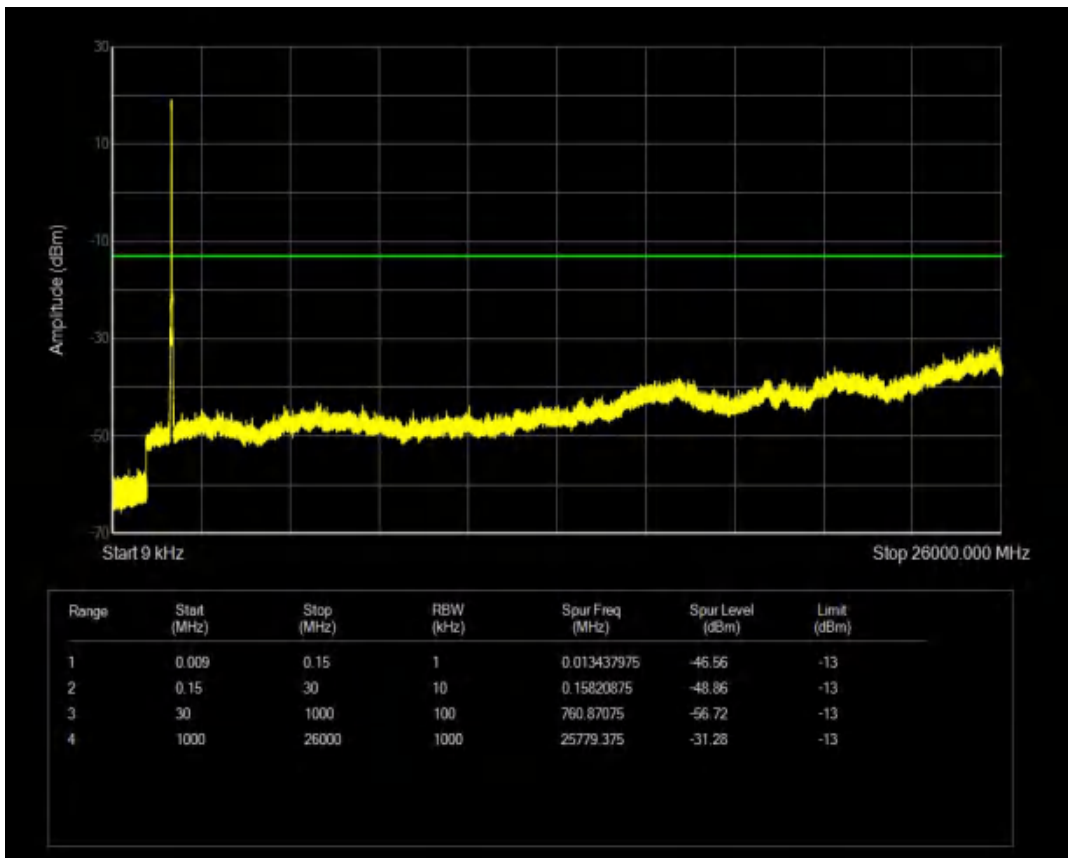
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



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



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



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

