

LTE Band 7 Test Data

Table of Contents

1. Effective (Isotropic) Radiated Power Output Data	2
Test Result	2
2. Peak-to-Average Ratio(CCDF)	7
Test Result	7
3. 26dB Bandwidth and Occupied Bandwidth	9
Test Result	9
4. Band Edge	18
Test Result	18
5. Conducted Spurious Emission	53
Test Result	53
6. Frequency Stability	62
Test Result	62

1. Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.74	-1.1	21.64	33.01	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.65	-1.1	21.55	33.01	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.11	-1.1	22.01	33.01	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.96	-1.1	21.86	33.01	PASS
Band7	5MHz	QPSK	20775	12RB#6	23.01	-1.1	21.91	33.01	PASS
Band7	5MHz	QPSK	20775	12RB#13	23.06	-1.1	21.96	33.01	PASS
Band7	5MHz	QPSK	20775	25RB#0	23.49	-1.1	22.39	33.01	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.32	-1.1	22.22	33.01	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.95	-1.1	21.85	33.01	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.85	-1.1	21.75	33.01	PASS
Band7	5MHz	QPSK	21100	12RB#0	23.24	-1.1	22.14	33.01	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.77	-1.1	21.67	33.01	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.62	-1.1	21.52	33.01	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.78	-1.1	21.68	33.01	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.27	-1.1	22.17	33.01	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.32	-1.1	22.22	33.01	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.32	-1.1	22.22	33.01	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.94	-1.1	21.84	33.01	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.68	-1.1	21.58	33.01	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.78	-1.1	21.68	33.01	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.52	-1.1	21.42	33.01	PASS
Band7	5MHz	16QAM	20775	1RB#0	23.31	-1.1	22.21	33.01	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.58	-1.1	21.48	33.01	PASS
Band7	5MHz	16QAM	20775	1RB#24	23.23	-1.1	22.13	33.01	PASS
Band7	5MHz	16QAM	20775	12RB#0	23.26	-1.1	22.16	33.01	PASS
Band7	5MHz	16QAM	20775	12RB#6	23.42	-1.1	22.32	33.01	PASS
Band7	5MHz	16QAM	20775	12RB#13	22.92	-1.1	21.82	33.01	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.55	-1.1	21.45	33.01	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.84	-1.1	21.74	33.01	PASS
Band7	5MHz	16QAM	21100	1RB#12	23.06	-1.1	21.96	33.01	PASS
Band7	5MHz	16QAM	21100	1RB#24	23.05	-1.1	21.95	33.01	PASS
Band7	5MHz	16QAM	21100	12RB#0	23.07	-1.1	21.97	33.01	PASS
Band7	5MHz	16QAM	21100	12RB#6	23.34	-1.1	22.24	33.01	PASS

Band7	5MHz	16QAM	21100	12RB#13	23.23	-1.1	22.13	33.01	PASS
Band7	5MHz	16QAM	21100	25RB#0	23.33	-1.1	22.23	33.01	PASS
Band7	5MHz	16QAM	21425	1RB#0	23.43	-1.1	22.33	33.01	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.62	-1.1	21.52	33.01	PASS
Band7	5MHz	16QAM	21425	1RB#24	23.27	-1.1	22.17	33.01	PASS
Band7	5MHz	16QAM	21425	12RB#0	22.69	-1.1	21.59	33.01	PASS
Band7	5MHz	16QAM	21425	12RB#6	22.51	-1.1	21.41	33.01	PASS
Band7	5MHz	16QAM	21425	12RB#13	23.05	-1.1	21.95	33.01	PASS
Band7	5MHz	16QAM	21425	25RB#0	23.30	-1.1	22.20	33.01	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.09	-1.1	21.99	33.01	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.45	-1.1	22.35	33.01	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.52	-1.1	21.42	33.01	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.56	-1.1	21.46	33.01	PASS
Band7	10MHz	QPSK	20800	25RB#12	23.16	-1.1	22.06	33.01	PASS
Band7	10MHz	QPSK	20800	25RB#25	23.09	-1.1	21.99	33.01	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.56	-1.1	21.46	33.01	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.82	-1.1	21.72	33.01	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.88	-1.1	21.78	33.01	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.87	-1.1	21.77	33.01	PASS
Band7	10MHz	QPSK	21100	25RB#0	23.23	-1.1	22.13	33.01	PASS
Band7	10MHz	QPSK	21100	25RB#12	23.33	-1.1	22.23	33.01	PASS
Band7	10MHz	QPSK	21100	25RB#25	23.22	-1.1	22.12	33.01	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.51	-1.1	21.41	33.01	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.00	-1.1	21.90	33.01	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.67	-1.1	21.57	33.01	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.67	-1.1	21.57	33.01	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.81	-1.1	21.71	33.01	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.54	-1.1	21.44	33.01	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.95	-1.1	21.85	33.01	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.87	-1.1	21.77	33.01	PASS
Band7	10MHz	16QAM	20800	1RB#0	23.42	-1.1	22.32	33.01	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.84	-1.1	21.74	33.01	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.95	-1.1	21.85	33.01	PASS
Band7	10MHz	16QAM	20800	25RB#0	23.37	-1.1	22.27	33.01	PASS
Band7	10MHz	16QAM	20800	25RB#12	23.01	-1.1	21.91	33.01	PASS
Band7	10MHz	16QAM	20800	25RB#25	22.84	-1.1	21.74	33.01	PASS
Band7	10MHz	16QAM	20800	50RB#0	22.82	-1.1	21.72	33.01	PASS

Band7	10MHz	16QAM	21100	1RB#0	22.90	-1.1	21.80	33.01	PASS
Band7	10MHz	16QAM	21100	1RB#24	23.36	-1.1	22.26	33.01	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.85	-1.1	21.75	33.01	PASS
Band7	10MHz	16QAM	21100	25RB#0	22.52	-1.1	21.42	33.01	PASS
Band7	10MHz	16QAM	21100	25RB#12	22.64	-1.1	21.54	33.01	PASS
Band7	10MHz	16QAM	21100	25RB#25	22.89	-1.1	21.79	33.01	PASS
Band7	10MHz	16QAM	21100	50RB#0	22.64	-1.1	21.54	33.01	PASS
Band7	10MHz	16QAM	21400	1RB#0	23.24	-1.1	22.14	33.01	PASS
Band7	10MHz	16QAM	21400	1RB#24	23.43	-1.1	22.33	33.01	PASS
Band7	10MHz	16QAM	21400	1RB#49	23.31	-1.1	22.21	33.01	PASS
Band7	10MHz	16QAM	21400	25RB#0	22.61	-1.1	21.51	33.01	PASS
Band7	10MHz	16QAM	21400	25RB#12	23.12	-1.1	22.02	33.01	PASS
Band7	10MHz	16QAM	21400	25RB#25	22.99	-1.1	21.89	33.01	PASS
Band7	10MHz	16QAM	21400	50RB#0	23.38	-1.1	22.28	33.01	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.20	-1.1	22.10	33.01	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.08	-1.1	21.98	33.01	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.61	-1.1	21.51	33.01	PASS
Band7	15MHz	QPSK	20825	38RB#0	23.40	-1.1	22.30	33.01	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.71	-1.1	21.61	33.01	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.95	-1.1	21.85	33.01	PASS
Band7	15MHz	QPSK	20825	75RB#0	23.33	-1.1	22.23	33.01	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.76	-1.1	21.66	33.01	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.10	-1.1	22.00	33.01	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.61	-1.1	21.51	33.01	PASS
Band7	15MHz	QPSK	21100	38RB#0	23.37	-1.1	22.27	33.01	PASS
Band7	15MHz	QPSK	21100	38RB#18	23.21	-1.1	22.11	33.01	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.62	-1.1	21.52	33.01	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.76	-1.1	21.66	33.01	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.07	-1.1	21.97	33.01	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.43	-1.1	22.33	33.01	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.73	-1.1	21.63	33.01	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.62	-1.1	21.52	33.01	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.80	-1.1	21.70	33.01	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.85	-1.1	21.75	33.01	PASS
Band7	15MHz	QPSK	21375	75RB#0	23.13	-1.1	22.03	33.01	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.95	-1.1	21.85	33.01	PASS
Band7	15MHz	16QAM	20825	1RB#38	23.33	-1.1	22.23	33.01	PASS

Band7	15MHz	16QAM	20825	1RB#74	23.42	-1.1	22.32	33.01	PASS
Band7	15MHz	16QAM	20825	38RB#0	23.42	-1.1	22.32	33.01	PASS
Band7	15MHz	16QAM	20825	38RB#18	23.24	-1.1	22.14	33.01	PASS
Band7	15MHz	16QAM	20825	38RB#37	23.21	-1.1	22.11	33.01	PASS
Band7	15MHz	16QAM	20825	75RB#0	22.95	-1.1	21.85	33.01	PASS
Band7	15MHz	16QAM	21100	1RB#0	23.04	-1.1	21.94	33.01	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.81	-1.1	21.71	33.01	PASS
Band7	15MHz	16QAM	21100	1RB#74	23.37	-1.1	22.27	33.01	PASS
Band7	15MHz	16QAM	21100	38RB#0	23.08	-1.1	21.98	33.01	PASS
Band7	15MHz	16QAM	21100	38RB#18	22.72	-1.1	21.62	33.01	PASS
Band7	15MHz	16QAM	21100	38RB#37	23.08	-1.1	21.98	33.01	PASS
Band7	15MHz	16QAM	21100	75RB#0	22.58	-1.1	21.48	33.01	PASS
Band7	15MHz	16QAM	21375	1RB#0	23.05	-1.1	21.95	33.01	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.40	-1.1	22.30	33.01	PASS
Band7	15MHz	16QAM	21375	1RB#74	23.24	-1.1	22.14	33.01	PASS
Band7	15MHz	16QAM	21375	38RB#0	23.50	-1.1	22.40	33.01	PASS
Band7	15MHz	16QAM	21375	38RB#18	22.83	-1.1	21.73	33.01	PASS
Band7	15MHz	16QAM	21375	38RB#37	23.02	-1.1	21.92	33.01	PASS
Band7	15MHz	16QAM	21375	75RB#0	22.92	-1.1	21.82	33.01	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.23	-1.1	22.13	33.01	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.39	-1.1	22.29	33.01	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.79	-1.1	21.69	33.01	PASS
Band7	20MHz	QPSK	20850	50RB#0	23.03	-1.1	21.93	33.01	PASS
Band7	20MHz	QPSK	20850	50RB#25	23.09	-1.1	21.99	33.01	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.57	-1.1	21.47	33.01	PASS
Band7	20MHz	QPSK	20850	100RB#0	23.39	-1.1	22.29	33.01	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.10	-1.1	22.00	33.01	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.57	-1.1	21.47	33.01	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.95	-1.1	21.85	33.01	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.80	-1.1	21.70	33.01	PASS
Band7	20MHz	QPSK	21100	50RB#25	23.18	-1.1	22.08	33.01	PASS
Band7	20MHz	QPSK	21100	50RB#50	23.33	-1.1	22.23	33.01	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.72	-1.1	21.62	33.01	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.83	-1.1	22.73	33.01	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.86	-1.1	21.76	33.01	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.61	-1.1	21.51	33.01	PASS
Band7	20MHz	QPSK	21350	50RB#0	23.36	-1.1	22.26	33.01	PASS

Band7	20MHz	QPSK	21350	50RB#25	23.19	-1.1	22.09	33.01	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.62	-1.1	21.52	33.01	PASS
Band7	20MHz	QPSK	21350	100RB#0	23.20	-1.1	22.10	33.01	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.70	-1.1	21.60	33.01	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.68	-1.1	21.58	33.01	PASS
Band7	20MHz	16QAM	20850	1RB#99	23.20	-1.1	22.10	33.01	PASS
Band7	20MHz	16QAM	20850	50RB#0	23.04	-1.1	21.94	33.01	PASS
Band7	20MHz	16QAM	20850	50RB#25	23.04	-1.1	21.94	33.01	PASS
Band7	20MHz	16QAM	20850	50RB#50	23.03	-1.1	21.93	33.01	PASS
Band7	20MHz	16QAM	20850	100RB#0	23.28	-1.1	22.18	33.01	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.78	-1.1	21.68	33.01	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.97	-1.1	21.87	33.01	PASS
Band7	20MHz	16QAM	21100	1RB#99	23.46	-1.1	22.36	33.01	PASS
Band7	20MHz	16QAM	21100	50RB#0	23.16	-1.1	22.06	33.01	PASS
Band7	20MHz	16QAM	21100	50RB#25	22.93	-1.1	21.83	33.01	PASS
Band7	20MHz	16QAM	21100	50RB#50	23.19	-1.1	22.09	33.01	PASS
Band7	20MHz	16QAM	21100	100RB#0	22.64	-1.1	21.54	33.01	PASS
Band7	20MHz	16QAM	21350	1RB#0	23.63	-1.1	22.53	33.01	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.58	-1.1	21.48	33.01	PASS
Band7	20MHz	16QAM	21350	1RB#99	23.11	-1.1	22.01	33.01	PASS
Band7	20MHz	16QAM	21350	50RB#0	22.94	-1.1	21.84	33.01	PASS
Band7	20MHz	16QAM	21350	50RB#25	22.82	-1.1	21.72	33.01	PASS
Band7	20MHz	16QAM	21350	50RB#50	22.74	-1.1	21.64	33.01	PASS
Band7	20MHz	16QAM	21350	100RB#0	22.52	-1.1	21.42	33.01	PASS

EIRP = Conducted Power + ANT Gain

2. Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	5.10	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.91	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.36	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.35	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.62	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.64	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.27	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.10	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	5.16	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.99	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.07	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.81	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.57	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	6.37	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.68	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	7.00	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	5.28	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	6.02	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.99	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.70	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	5.62	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	6.39	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.29	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.35	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	5.70	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	6.33	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.48	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.40	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.71	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.49	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.82	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.99	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	5.94	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.31	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.69	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.81	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	6.30	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.63	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	6.88	13	PASS

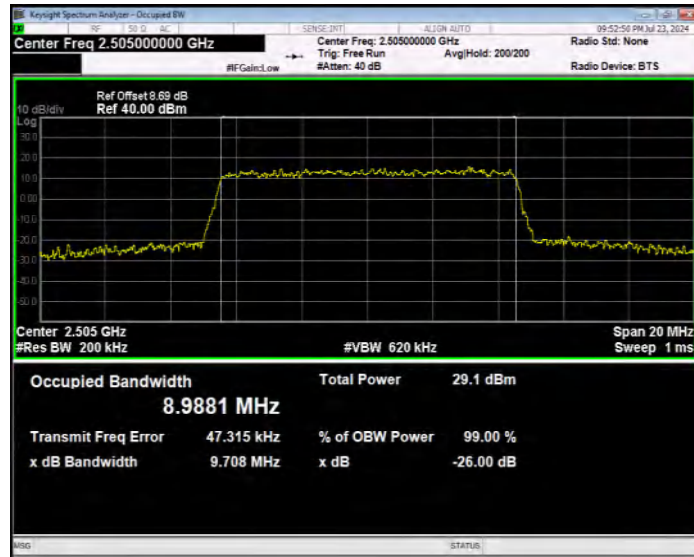
Band7	20MHz	16QAM	20850	100RB#0	6.74	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	6.93	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	6.56	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	6.63	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	7.16	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	6.54	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	6.44	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	6.83	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	7.44	13	PASS

3. 26dB Bandwidth and Occupied Bandwidth

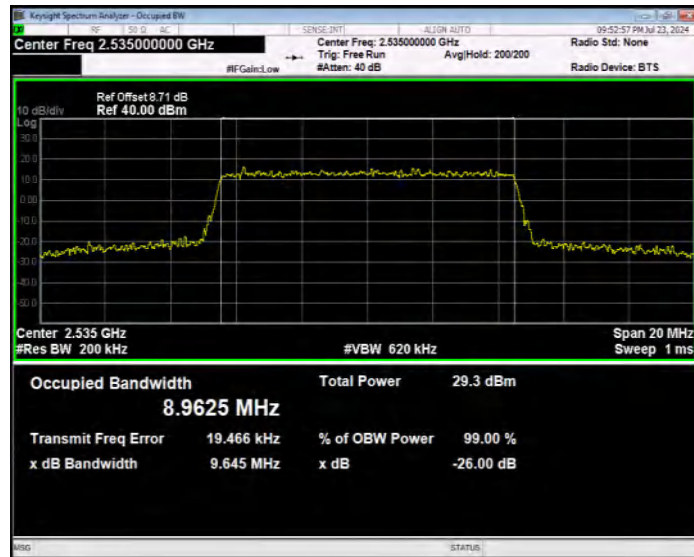
Test Result

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band7	5	20775	25	#0	QPSK	4.504	4.902	PASS
Band7	5	20775	25	#0	16QAM	4.507	4.887	PASS
Band7	5	21100	25	#0	QPSK	4.519	4.918	PASS
Band7	5	21100	25	#0	16QAM	4.507	4.904	PASS
Band7	5	21425	25	#0	QPSK	4.517	4.884	PASS
Band7	5	21425	25	#0	16QAM	4.515	4.910	PASS
Band7	10	20800	50	#0	QPSK	8.988	9.752	PASS
Band7	10	20800	50	#0	16QAM	8.988	9.708	PASS
Band7	10	21100	50	#0	QPSK	8.972	9.695	PASS
Band7	10	21100	50	#0	16QAM	8.963	9.645	PASS
Band7	10	21400	50	#0	QPSK	8.989	9.706	PASS
Band7	10	21400	50	#0	16QAM	8.975	9.697	PASS
Band7	15	20825	75	#0	QPSK	13.443	14.520	PASS
Band7	15	20825	75	#0	16QAM	13.417	14.393	PASS
Band7	15	21100	75	#0	QPSK	13.464	14.581	PASS
Band7	15	21100	75	#0	16QAM	13.428	14.334	PASS
Band7	15	21375	75	#0	QPSK	13.432	14.527	PASS
Band7	15	21375	75	#0	16QAM	13.459	14.506	PASS
Band7	20	20850	100	#0	QPSK	17.943	19.288	PASS
Band7	20	20850	100	#0	16QAM	17.909	19.301	PASS
Band7	20	21100	100	#0	QPSK	17.945	19.217	PASS
Band7	20	21100	100	#0	16QAM	17.979	19.258	PASS
Band7	20	21350	100	#0	QPSK	17.922	19.352	PASS
Band7	20	21350	100	#0	16QAM	17.907	19.167	PASS

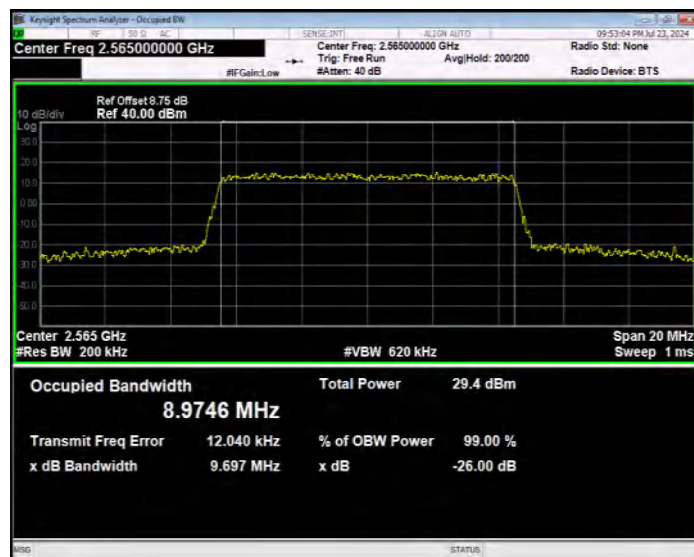
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



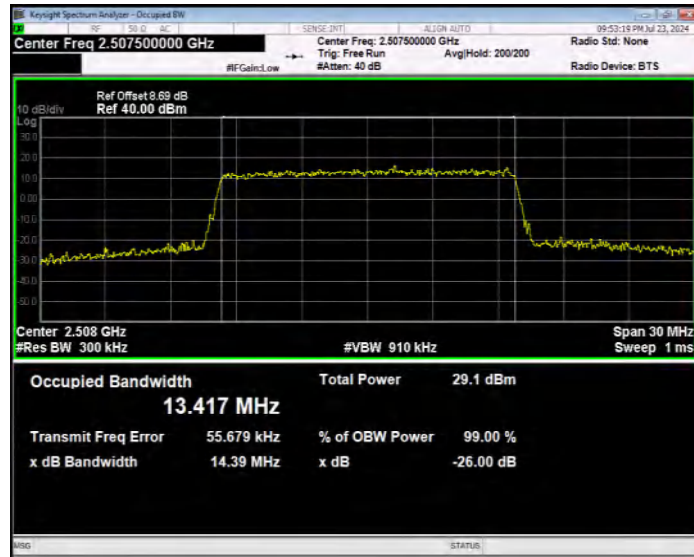
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



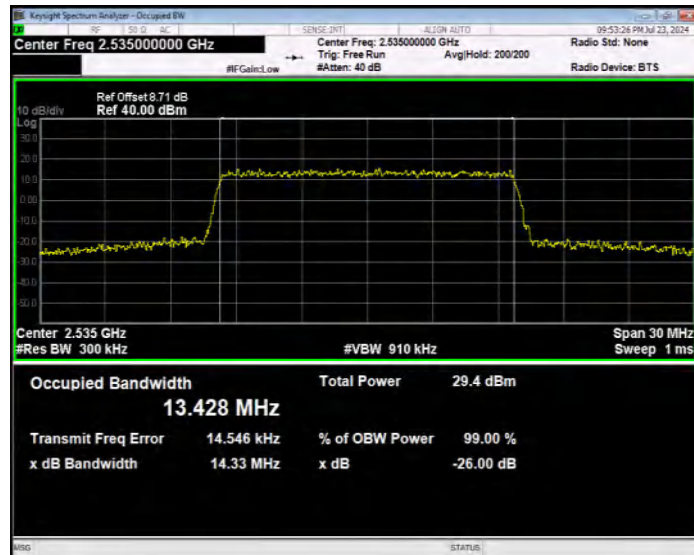
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



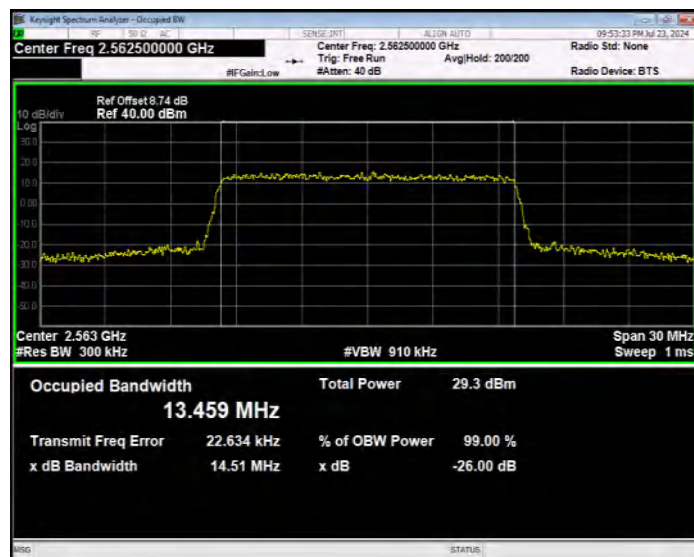
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



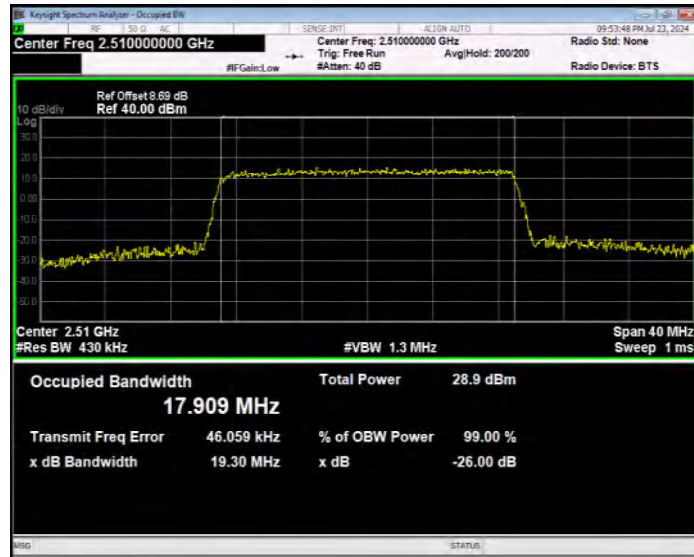
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



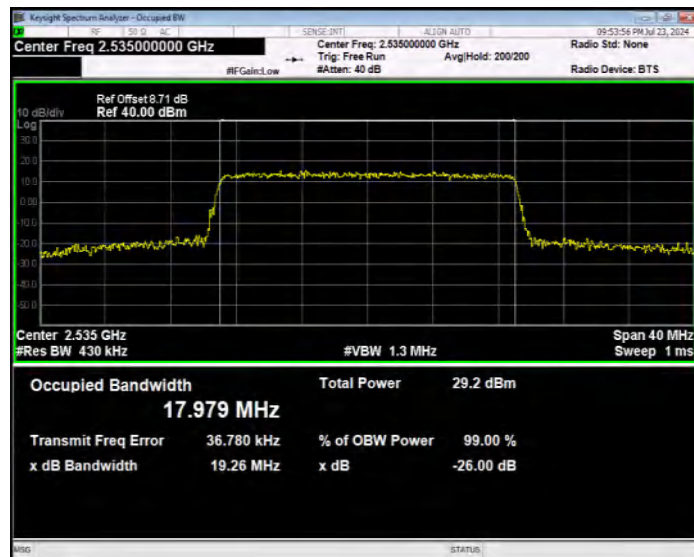
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



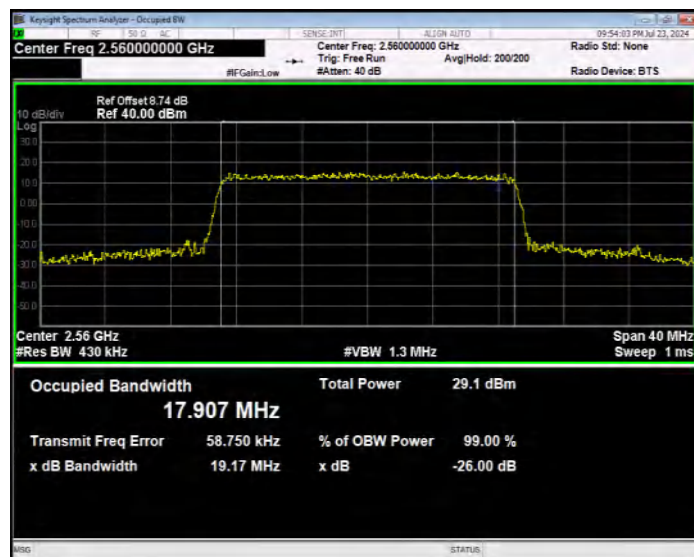
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



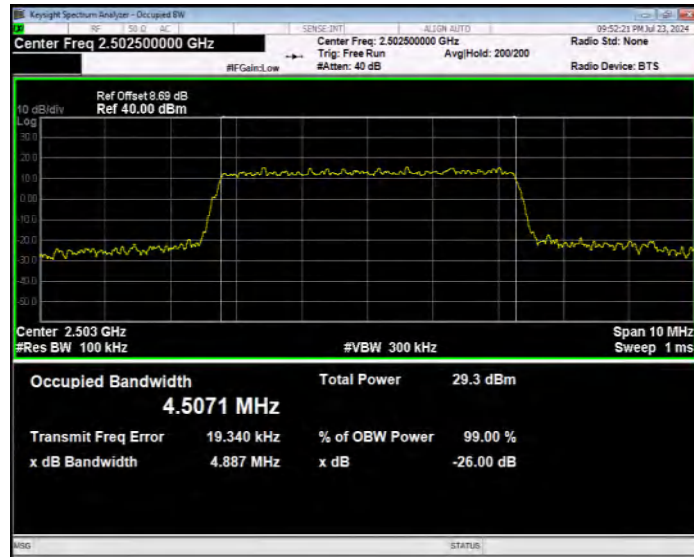
Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



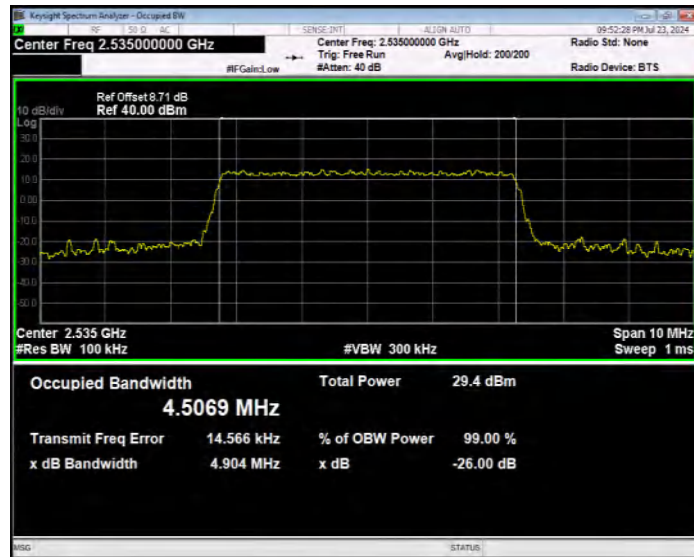
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0



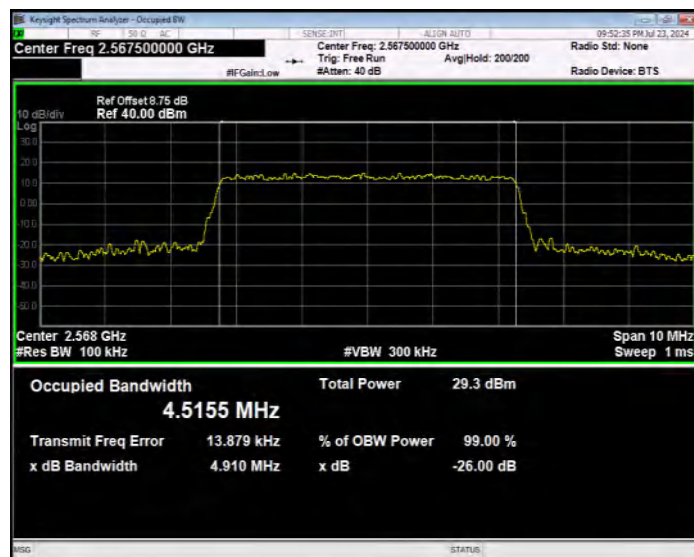
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



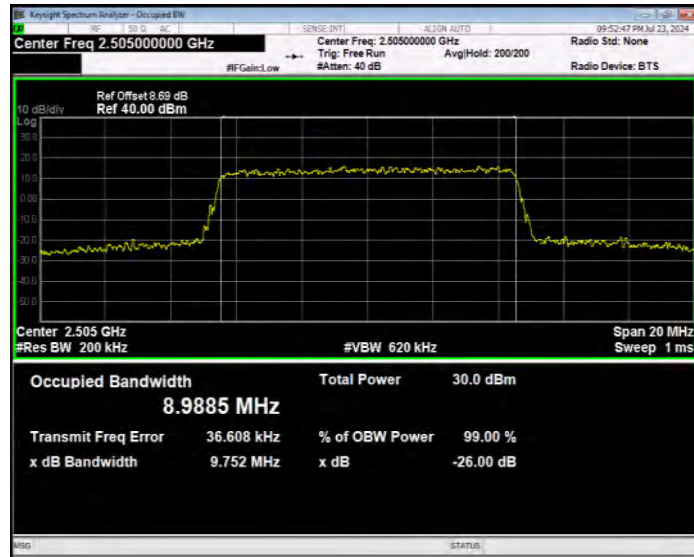
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



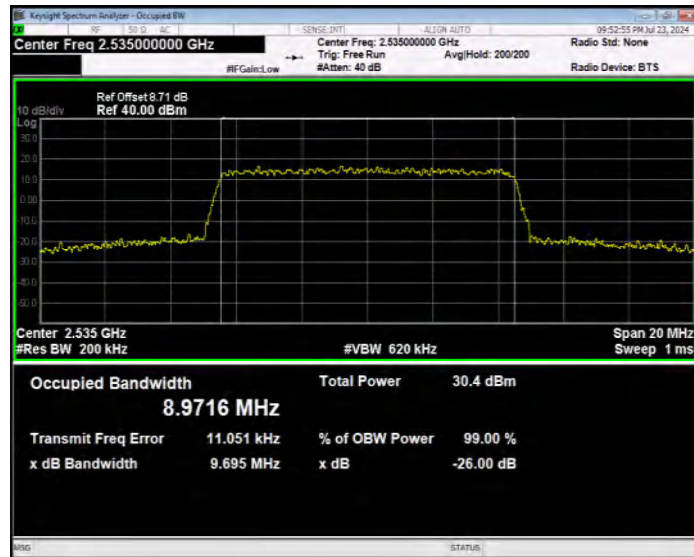
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



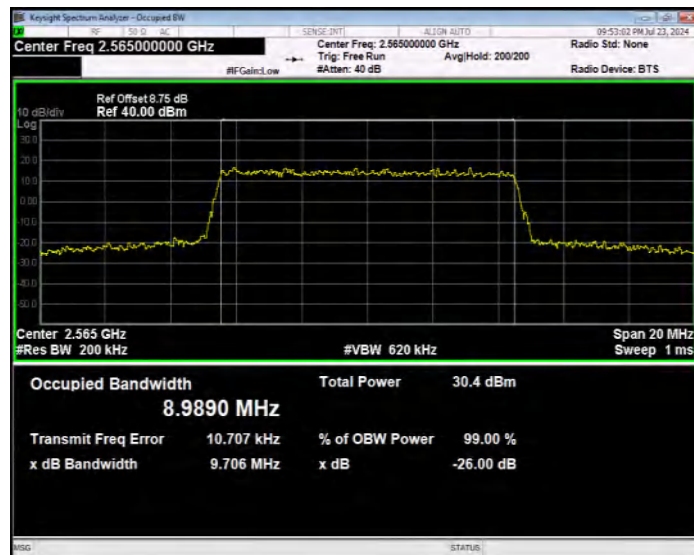
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



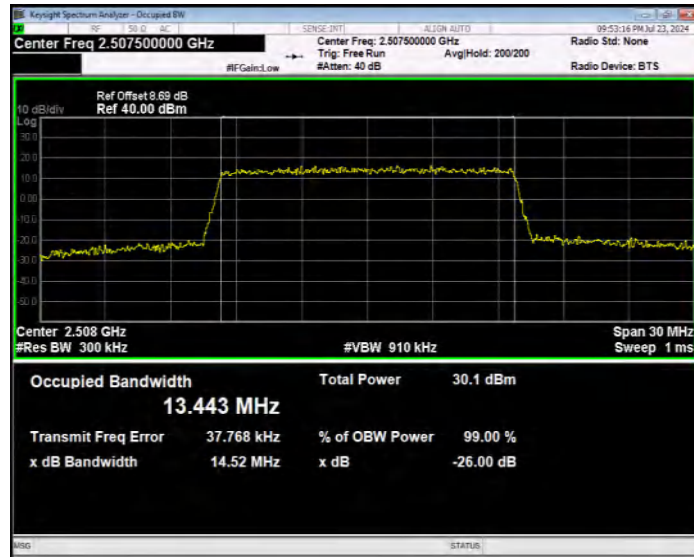
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



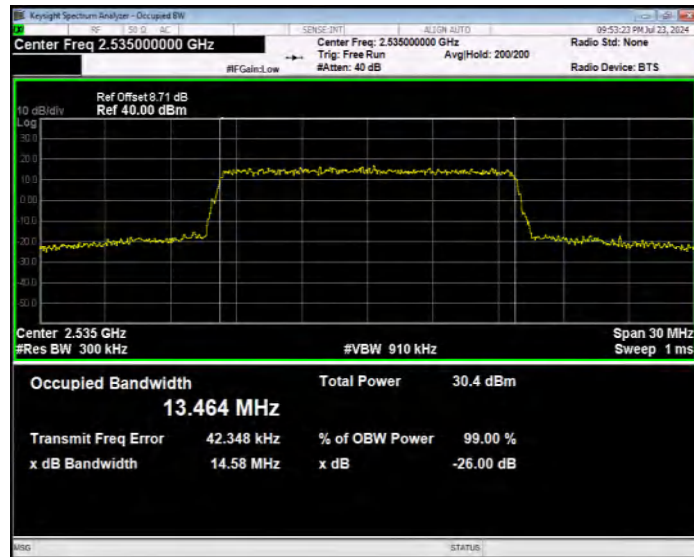
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



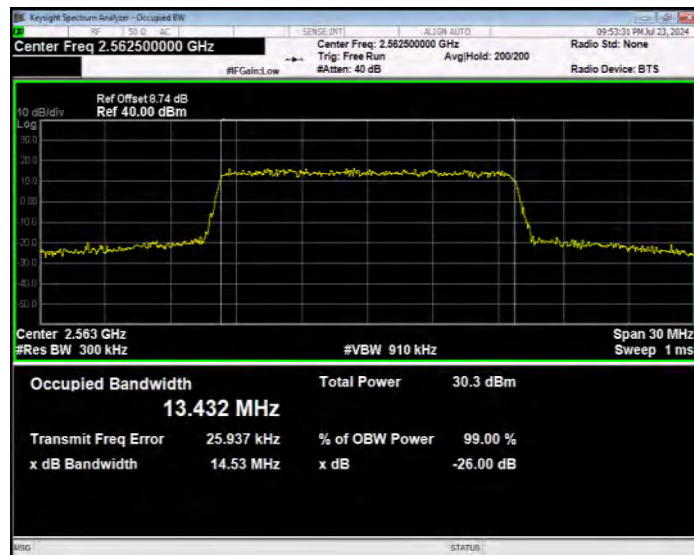
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



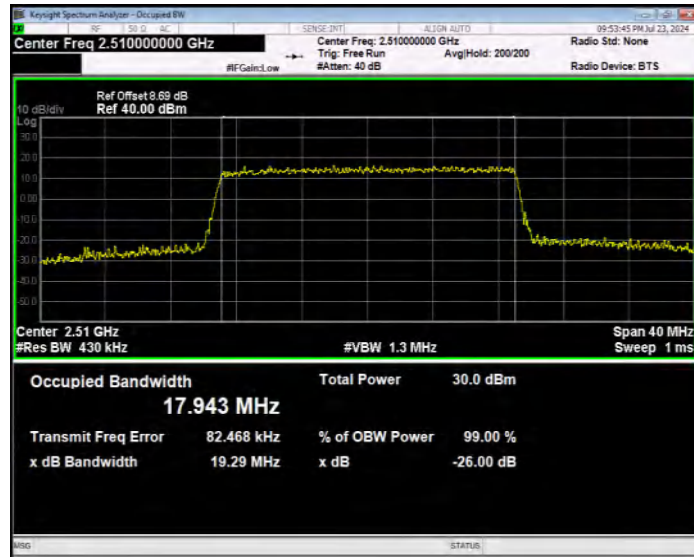
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



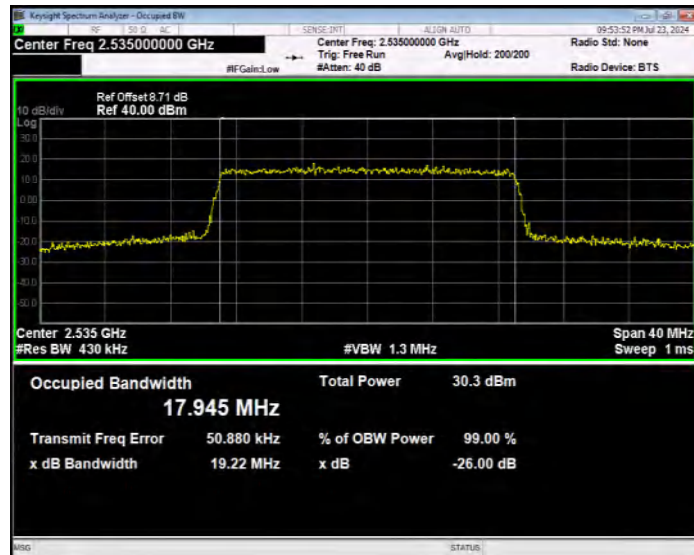
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



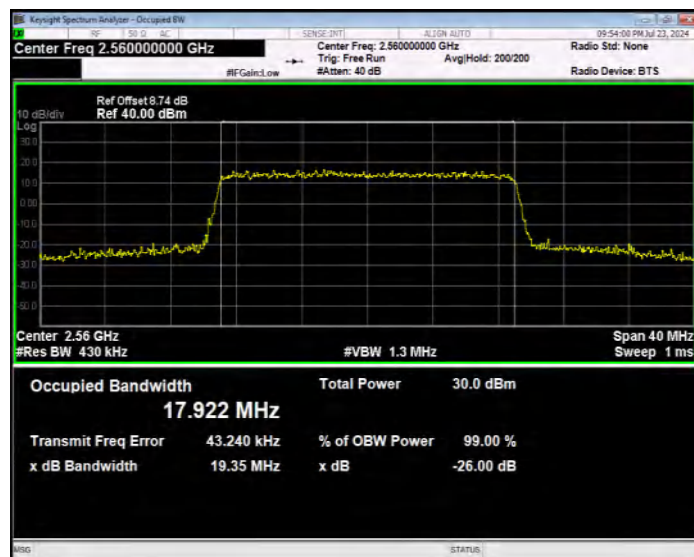
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



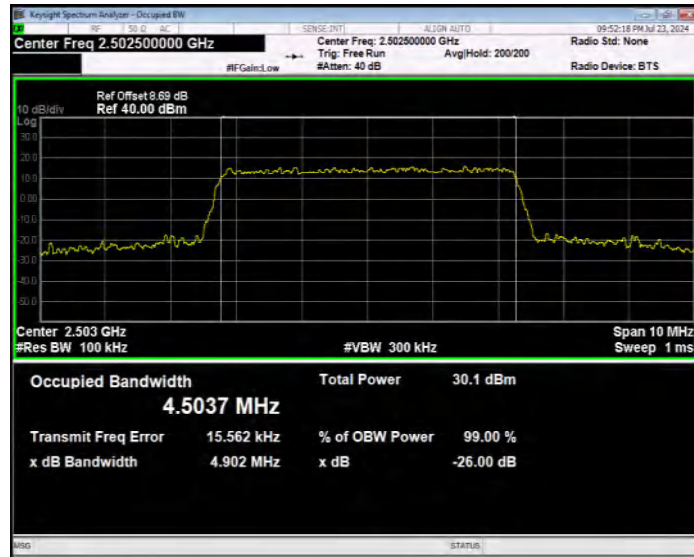
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



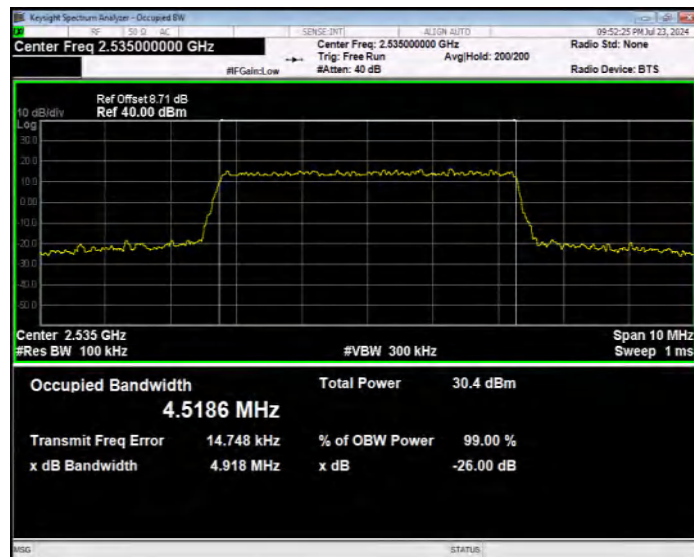
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



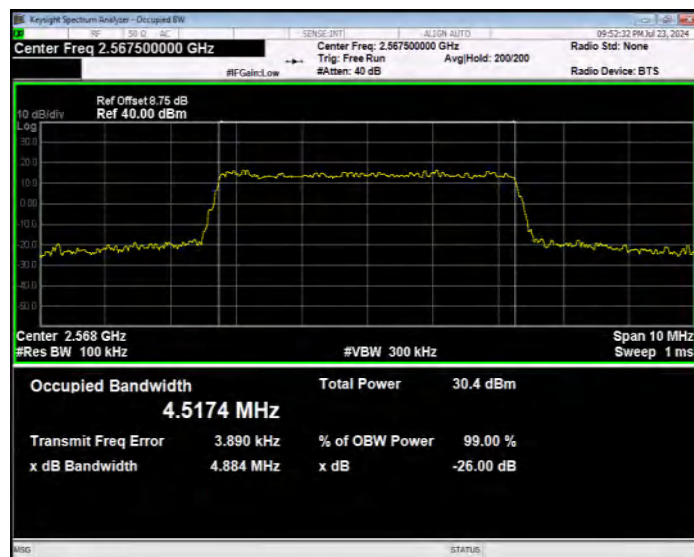
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



4. Band Edge

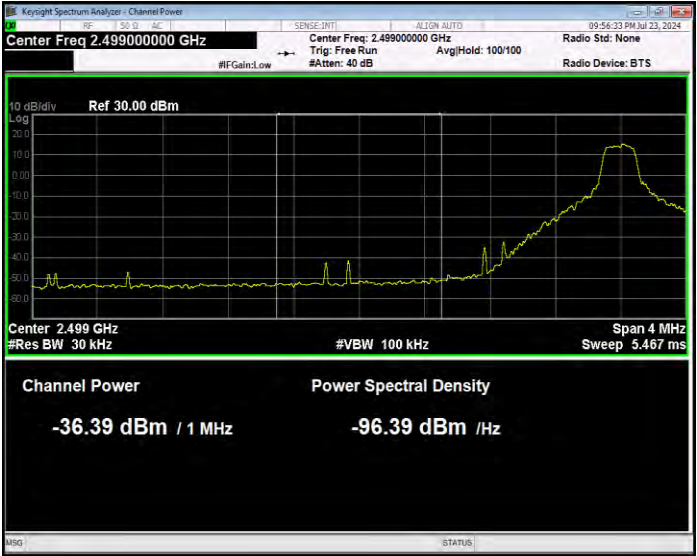
Test Result

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	2500.00	-15.76	-10	PASS
Band7	5	20775	1	#0	QPSK	2499.00	-35.00	-13	PASS
Band7	5	20775	1	#Max	QPSK	2498.67	-23.55	-10	PASS
Band7	5	20775	1	#Max	QPSK	2499.00	-38.49	-13	PASS
Band7	5	20775	25	#0	QPSK	2498.65	-20.31	-10	PASS
Band7	5	20775	25	#0	QPSK	2499.00	-21.54	-13	PASS
Band7	5	20775	1	#0	16QAM	2499.97	-19.03	-10	PASS
Band7	5	20775	1	#0	16QAM	2499.00	-35.67	-13	PASS
Band7	5	20775	1	#Max	16QAM	2492.94	-40.56	-25	PASS
Band7	5	20775	1	#Max	16QAM	2499.00	-38.60	-13	PASS
Band7	5	20775	25	#0	16QAM	2498.94	-22.45	-10	PASS
Band7	5	20775	25	#0	16QAM	2499.00	-24.05	-13	PASS
Band7	5	21425	1	#0	QPSK	2576.29	-40.03	-25	PASS
Band7	5	21425	1	#0	QPSK	2571.00	-37.73	-13	PASS
Band7	5	21425	1	#Max	QPSK	2570.00	-19.06	-10	PASS
Band7	5	21425	1	#Max	QPSK	2571.00	-34.17	-13	PASS
Band7	5	21425	25	#0	QPSK	2571.02	-18.23	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.00	-19.59	-13	PASS
Band7	5	21425	1	#0	16QAM	2576.87	-40.13	-25	PASS
Band7	5	21425	1	#0	16QAM	2571.00	-37.77	-13	PASS
Band7	5	21425	1	#Max	16QAM	2570.01	-17.96	-10	PASS
Band7	5	21425	1	#Max	16QAM	2571.00	-35.01	-13	PASS
Band7	5	21425	25	#0	16QAM	2571.08	-20.81	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.00	-22.19	-13	PASS
Band7	10	20800	1	#0	QPSK	2499.89	-16.61	-10	PASS
Band7	10	20800	1	#0	QPSK	2499.00	-35.21	-13	PASS
Band7	10	20800	1	#Max	QPSK	2487.90	-40.59	-25	PASS
Band7	10	20800	1	#Max	QPSK	2499.00	-39.94	-13	PASS
Band7	10	20800	50	#0	QPSK	2498.90	-21.15	-10	PASS
Band7	10	20800	50	#0	QPSK	2499.00	-23.66	-13	PASS
Band7	10	20800	1	#0	16QAM	2498.59	-17.24	-10	PASS
Band7	10	20800	1	#0	16QAM	2499.00	-36.39	-13	PASS
Band7	10	20800	1	#Max	16QAM	2489.28	-39.38	-25	PASS
Band7	10	20800	1	#Max	16QAM	2499.00	-40.00	-13	PASS
Band7	10	20800	50	#0	16QAM	2489.58	-39.39	-25	PASS
Band7	10	20800	50	#0	16QAM	2499.00	-26.21	-13	PASS
Band7	10	21400	1	#0	QPSK	2581.50	-40.09	-25	PASS
Band7	10	21400	1	#0	QPSK	2571.00	-39.26	-13	PASS
Band7	10	21400	1	#Max	QPSK	2570.01	-17.47	-10	PASS

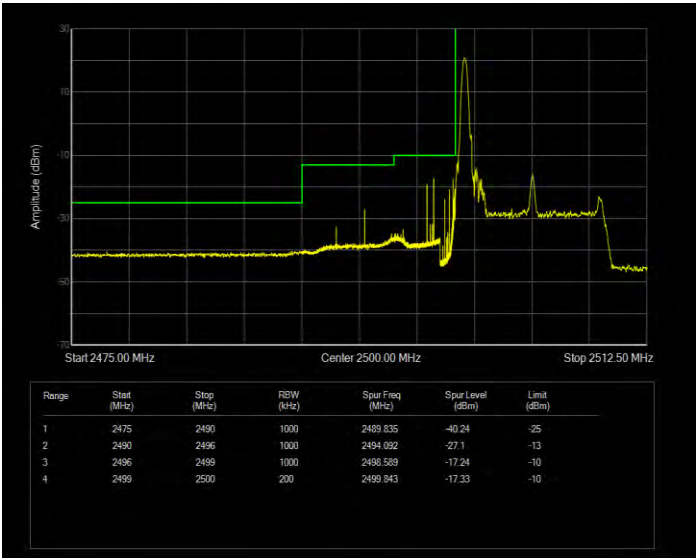
Band7	10	21400	1	#Max	QPSK	2571.00	-35.73	-13	PASS
Band7	10	21400	50	#0	QPSK	2571.14	-20.33	-10	PASS
Band7	10	21400	50	#0	QPSK	2571.00	-21.54	-13	PASS
Band7	10	21400	1	#0	16QAM	2581.08	-39.72	-25	PASS
Band7	10	21400	1	#0	16QAM	2571.00	-39.52	-13	PASS
Band7	10	21400	1	#Max	16QAM	2570.02	-17.81	-10	PASS
Band7	10	21400	1	#Max	16QAM	2571.00	-36.57	-13	PASS
Band7	10	21400	50	#0	16QAM	2571.24	-23.18	-10	PASS
Band7	10	21400	50	#0	16QAM	2571.00	-24.29	-13	PASS
Band7	15	20825	1	#0	QPSK	2499.98	-19.25	-10	PASS
Band7	15	20825	1	#0	QPSK	2499.00	-35.34	-13	PASS
Band7	15	20825	1	#Max	QPSK	2482.63	-40.56	-25	PASS
Band7	15	20825	1	#Max	QPSK	2499.00	-40.51	-13	PASS
Band7	15	20825	75	#0	QPSK	2498.95	-23.61	-10	PASS
Band7	15	20825	75	#0	QPSK	2499.00	-24.49	-13	PASS
Band7	15	20825	1	#0	16QAM	2499.97	-19.35	-10	PASS
Band7	15	20825	1	#0	16QAM	2499.00	-36.42	-13	PASS
Band7	15	20825	1	#Max	16QAM	2484.97	-40.63	-25	PASS
Band7	15	20825	1	#Max	16QAM	2499.00	-40.71	-13	PASS
Band7	15	20825	75	#0	16QAM	2484.98	-40.13	-25	PASS
Band7	15	20825	75	#0	16QAM	2499.00	-28.03	-13	PASS
Band7	15	21375	1	#0	QPSK	2590.56	-39.96	-25	PASS
Band7	15	21375	1	#0	QPSK	2571.00	-39.96	-13	PASS
Band7	15	21375	1	#Max	QPSK	2570.00	-18.36	-10	PASS
Band7	15	21375	1	#Max	QPSK	2571.00	-34.92	-13	PASS
Band7	15	21375	75	#0	QPSK	2571.05	-21.09	-10	PASS
Band7	15	21375	75	#0	QPSK	2571.00	-21.58	-13	PASS
Band7	15	21375	1	#0	16QAM	2585.23	-39.58	-25	PASS
Band7	15	21375	1	#0	16QAM	2571.00	-40.16	-13	PASS
Band7	15	21375	1	#Max	16QAM	2570.02	-19.63	-10	PASS
Band7	15	21375	1	#Max	16QAM	2571.00	-36.28	-13	PASS
Band7	15	21375	75	#0	16QAM	2571.07	-23.70	-10	PASS
Band7	15	21375	75	#0	16QAM	2571.00	-25.27	-13	PASS
Band7	20	20850	1	#0	QPSK	2499.97	-19.92	-10	PASS
Band7	20	20850	1	#0	QPSK	2499.00	-37.18	-13	PASS
Band7	20	20850	1	#Max	QPSK	2478.60	-40.70	-25	PASS
Band7	20	20850	1	#Max	QPSK	2499.00	-40.81	-13	PASS
Band7	20	20850	100	#0	QPSK	2479.94	-40.43	-25	PASS
Band7	20	20850	100	#0	QPSK	2499.00	-29.18	-13	PASS
Band7	20	20850	1	#0	16QAM	2499.96	-19.98	-10	PASS
Band7	20	20850	1	#0	16QAM	2499.00	-38.32	-13	PASS
Band7	20	20850	1	#Max	16QAM	2478.61	-40.69	-25	PASS
Band7	20	20850	1	#Max	16QAM	2499.00	-40.85	-13	PASS
Band7	20	20850	100	#0	16QAM	2475.83	-40.71	-25	PASS

Band7	20	20850	100	#0	16QAM	2499.00	-31.81	-13	PASS
Band7	20	21350	1	#0	QPSK	2593.45	-40.12	-25	PASS
Band7	20	21350	1	#0	QPSK	2571.00	-40.08	-13	PASS
Band7	20	21350	1	#Max	QPSK	2570.01	-18.86	-10	PASS
Band7	20	21350	1	#Max	QPSK	2571.00	-36.26	-13	PASS
Band7	20	21350	100	#0	QPSK	2575.54	-27.69	-13	PASS
Band7	20	21350	100	#0	QPSK	2571.00	-26.12	-13	PASS
Band7	20	21350	1	#0	16QAM	2593.10	-40.27	-25	PASS
Band7	20	21350	1	#0	16QAM	2571.00	-40.25	-13	PASS
Band7	20	21350	1	#Max	16QAM	2570.05	-20.04	-10	PASS
Band7	20	21350	1	#Max	16QAM	2571.00	-37.46	-13	PASS
Band7	20	21350	100	#0	16QAM	2590.40	-39.79	-25	PASS
Band7	20	21350	100	#0	16QAM	2571.00	-28.78	-13	PASS

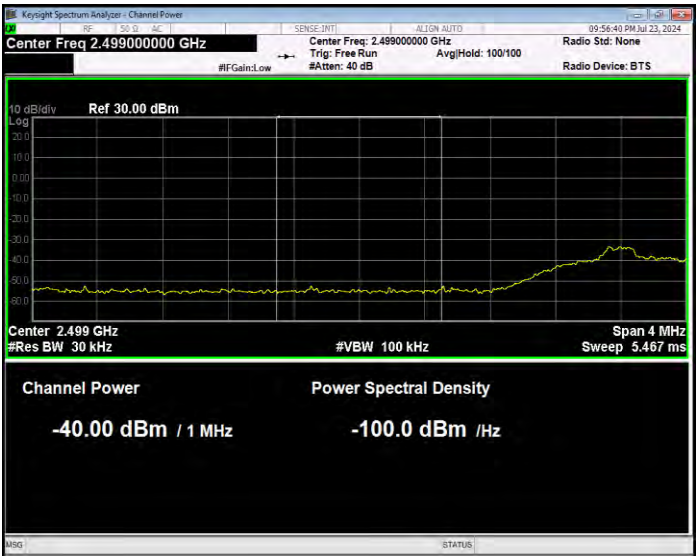
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0 Extended



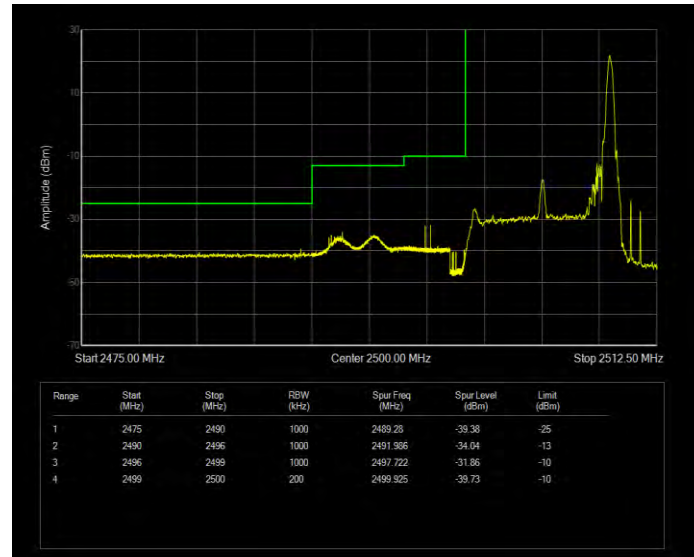
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0 Normal



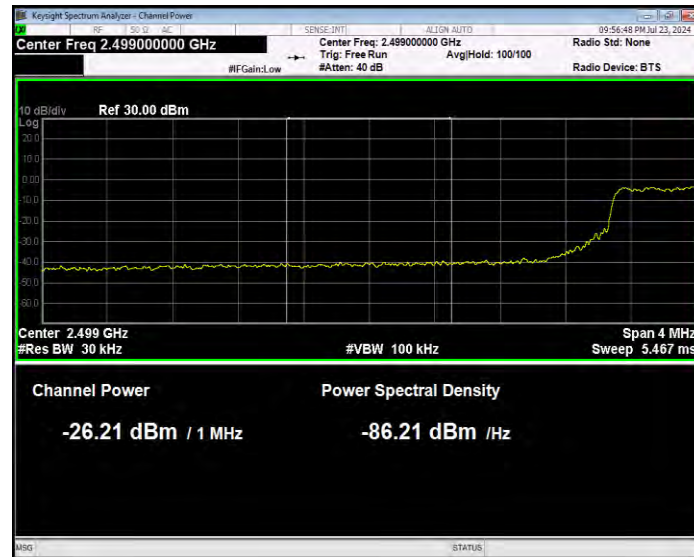
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#Max Extended



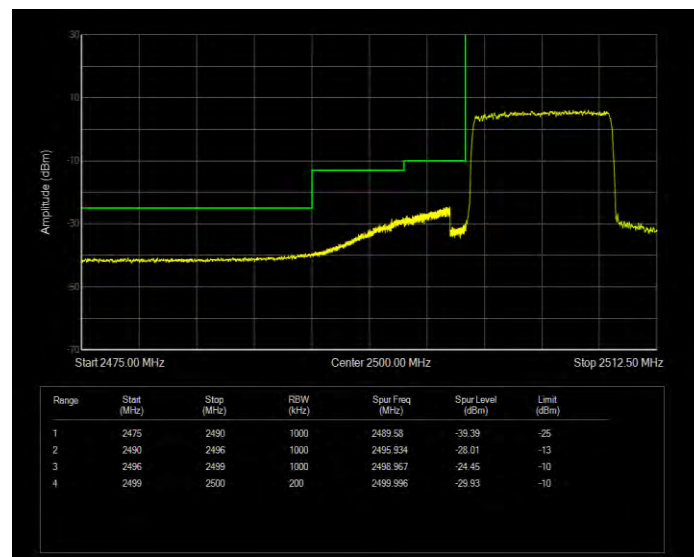
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#Max Normal



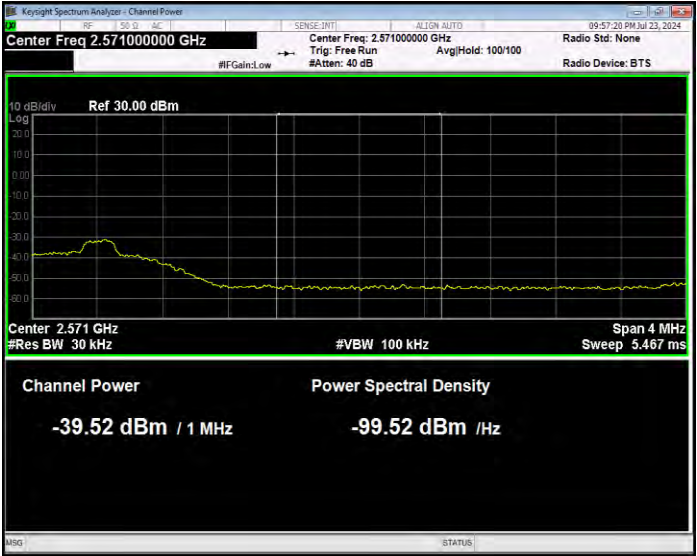
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 Extended



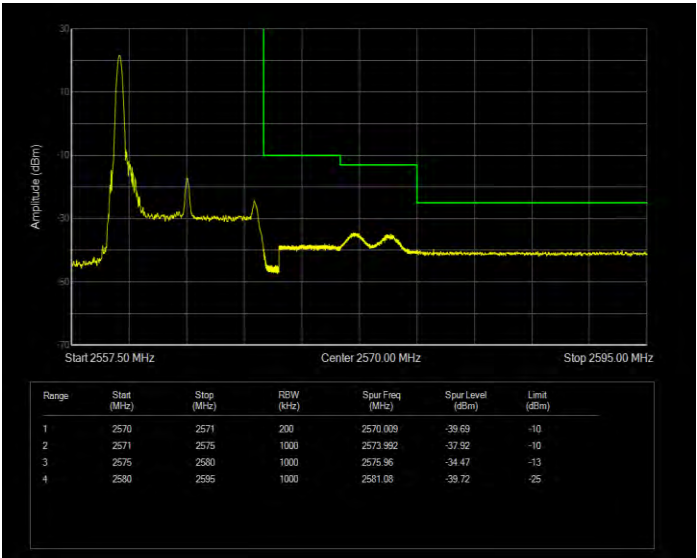
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0 Normal



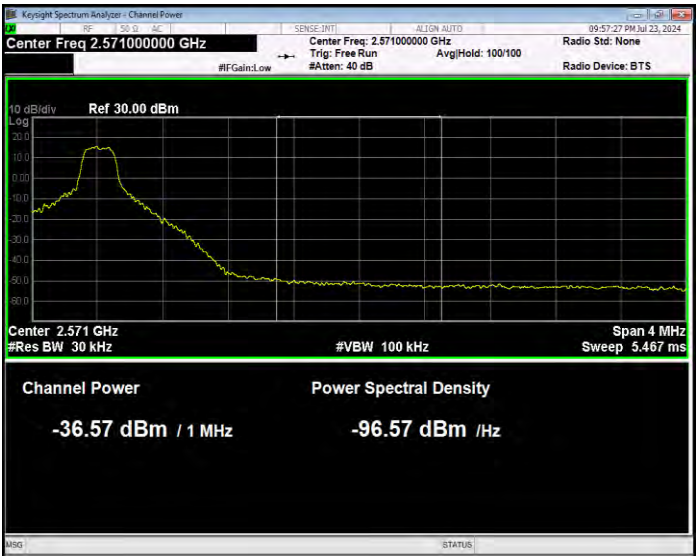
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0 Extended



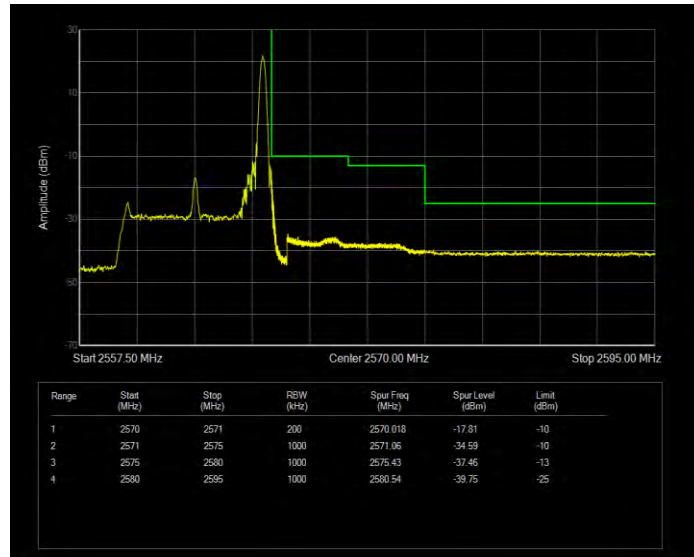
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0 Normal



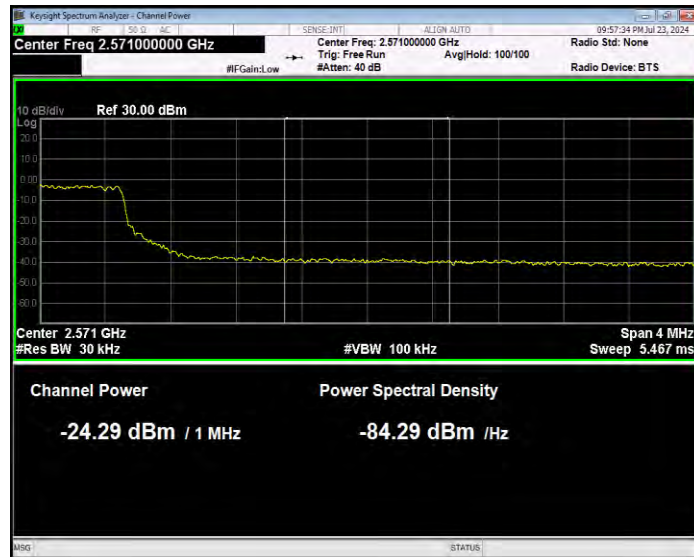
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#Max Extended



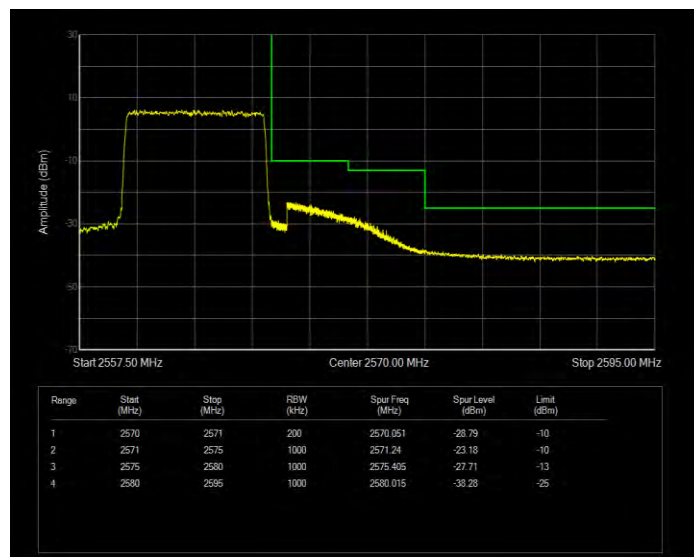
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#Max Normal



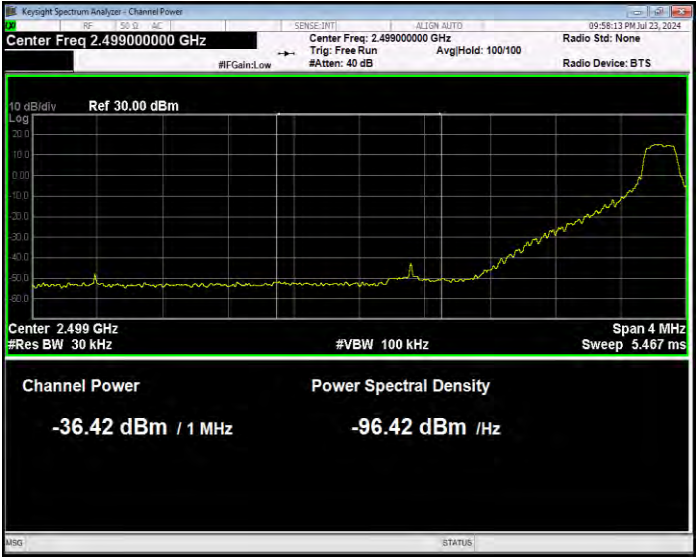
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 Extended



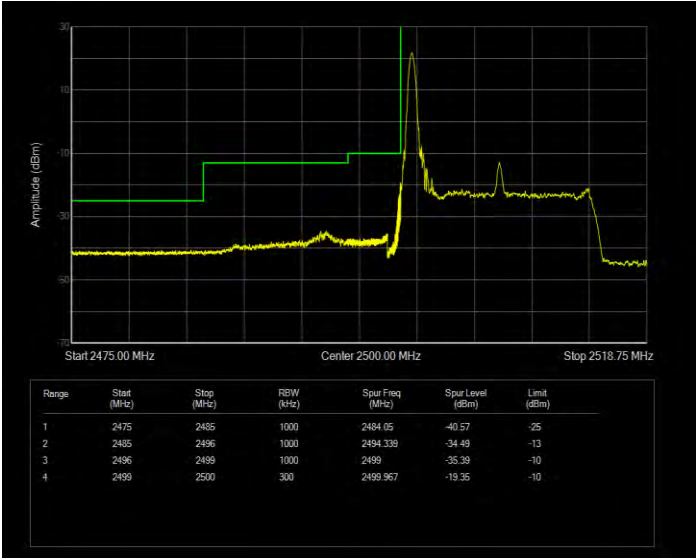
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0 Normal



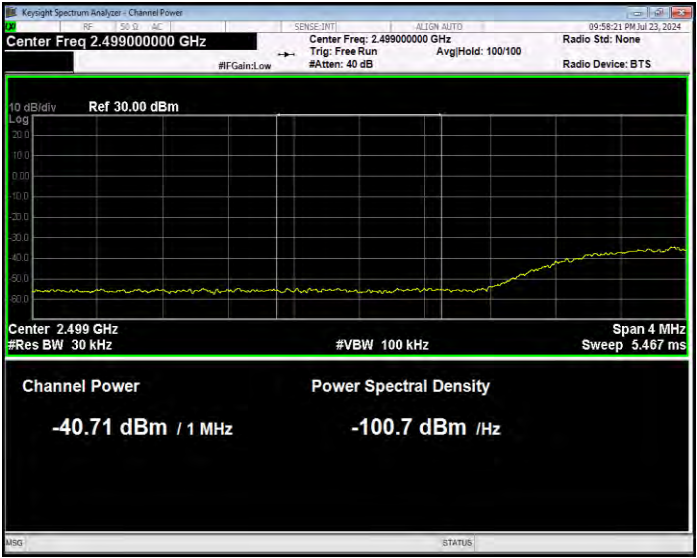
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0 Extended



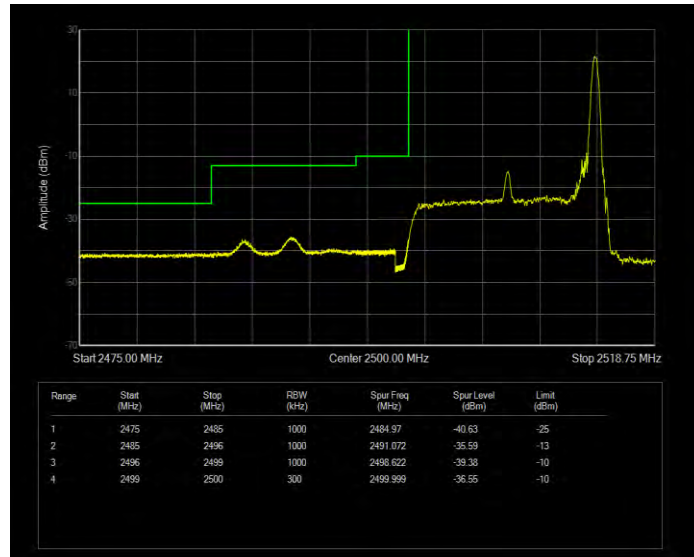
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0 Normal



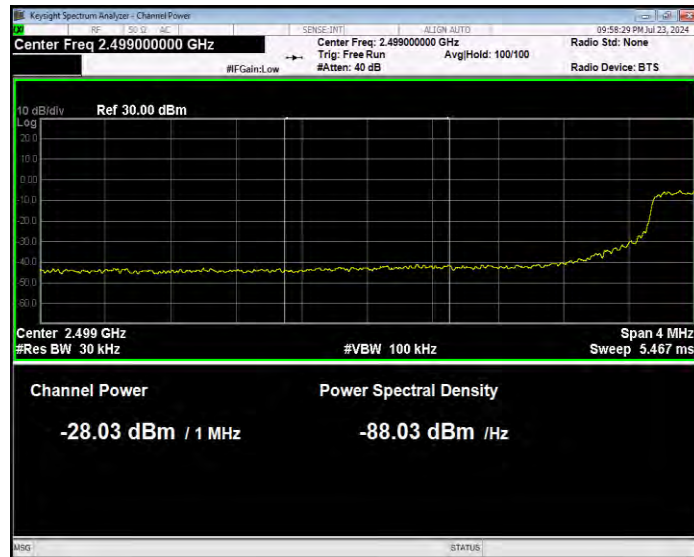
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#Max Extended



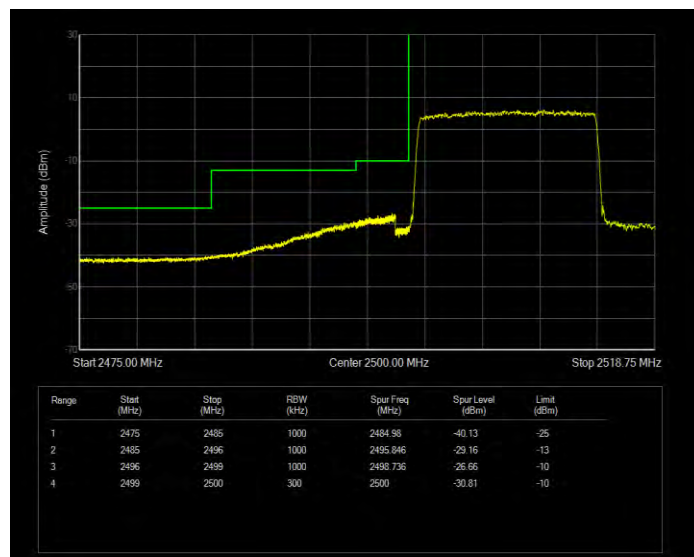
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#Max Normal



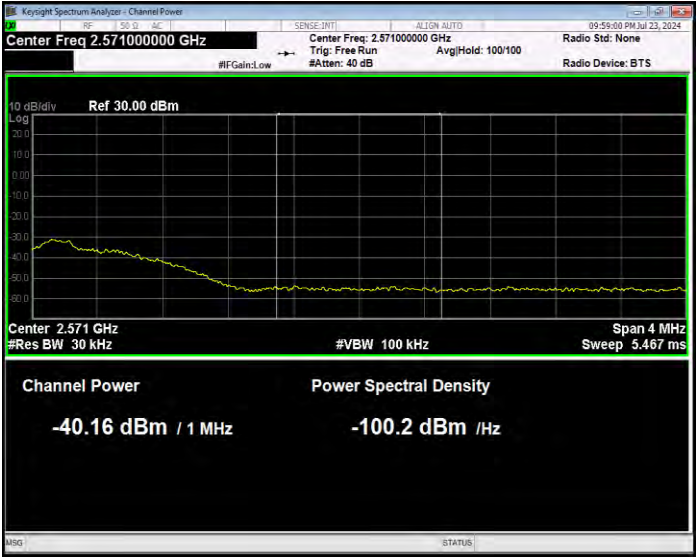
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0 Extended



Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0 Normal



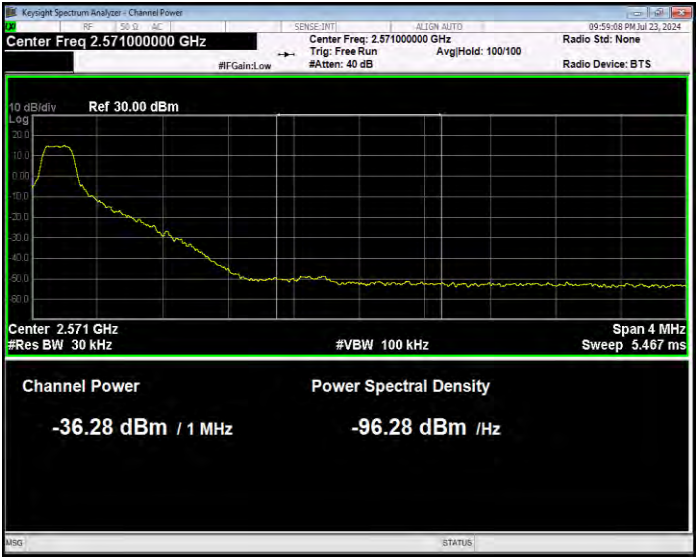
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0 Extended



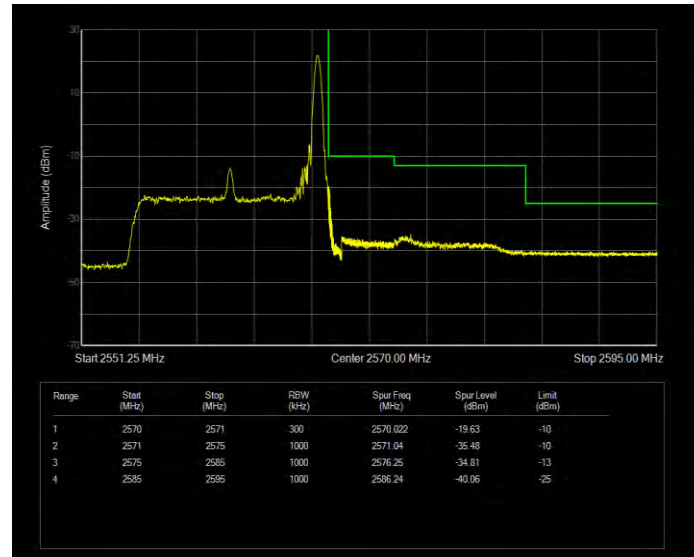
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0 Normal



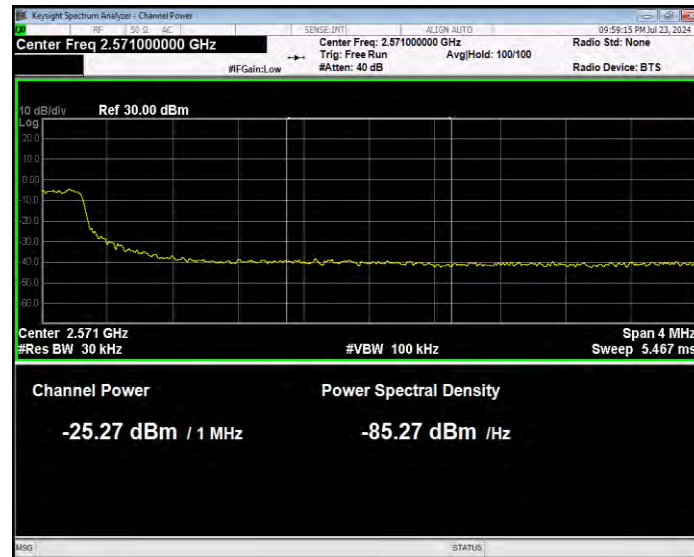
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#Max Extended



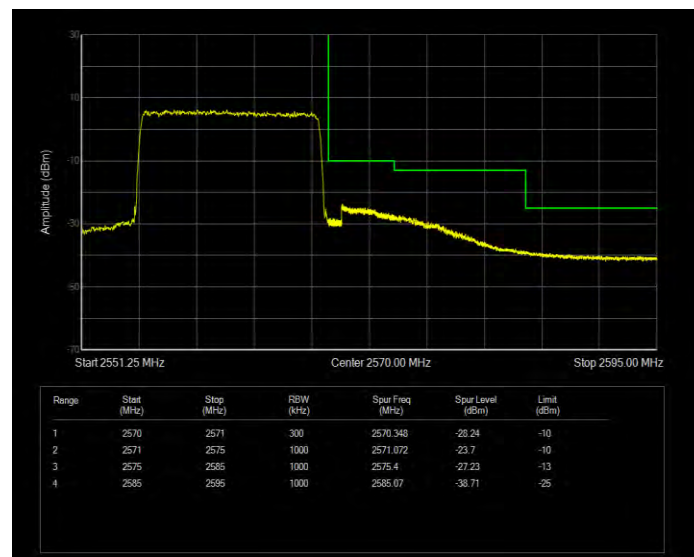
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#Max Normal



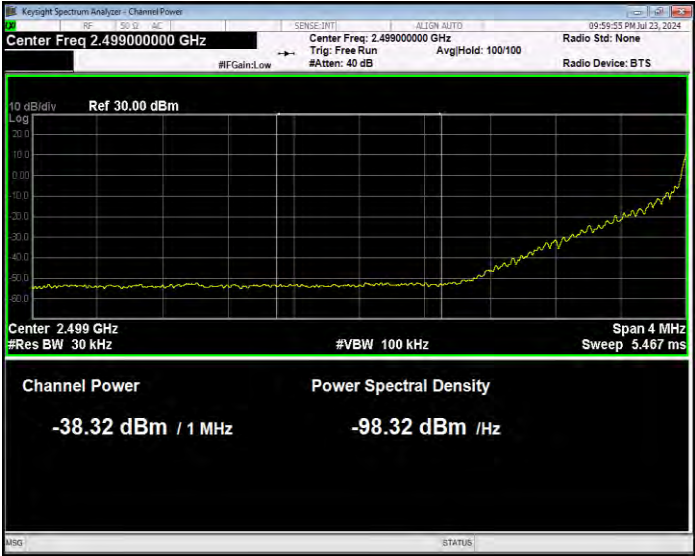
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 Extended



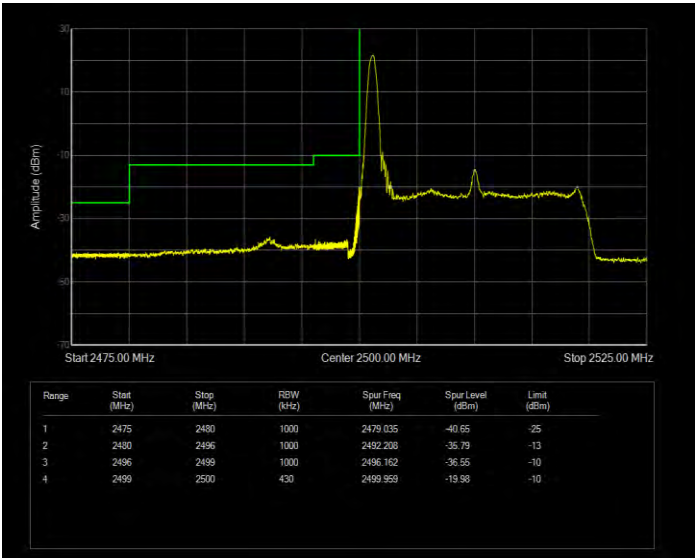
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0 Normal



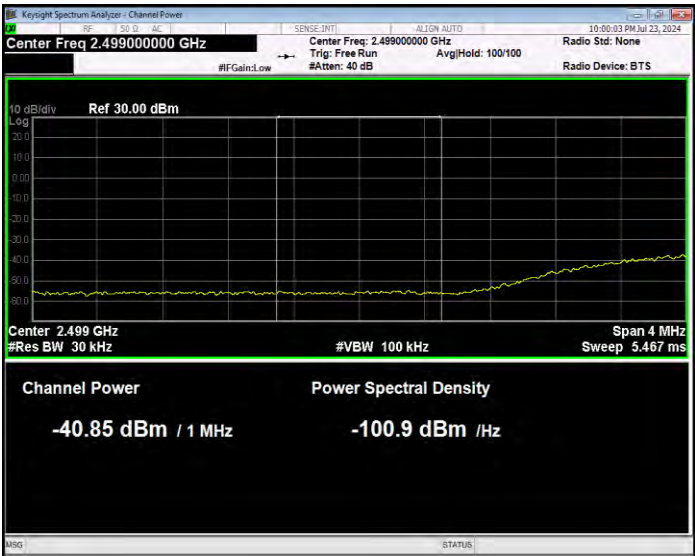
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0 Extended



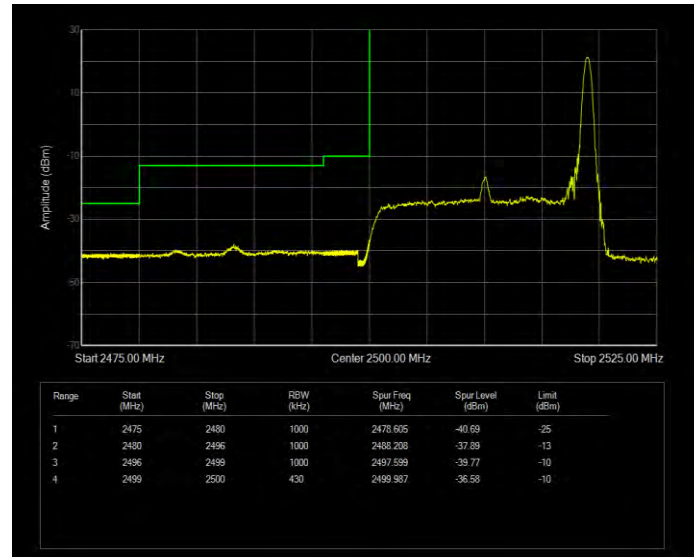
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0 Normal



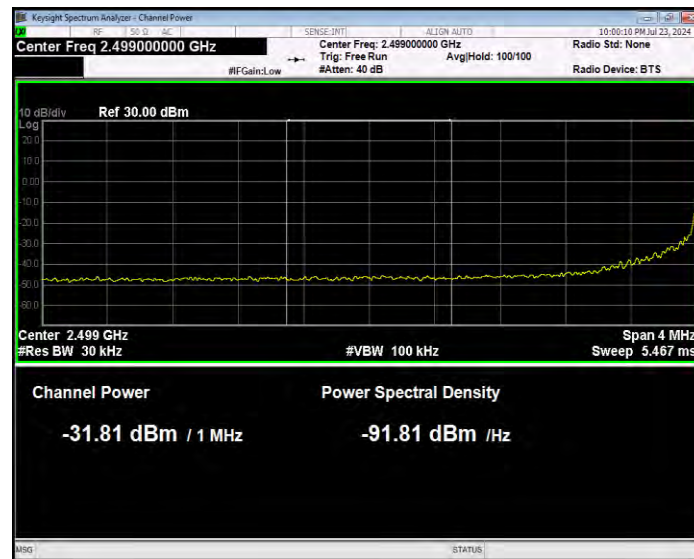
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#Max Extended



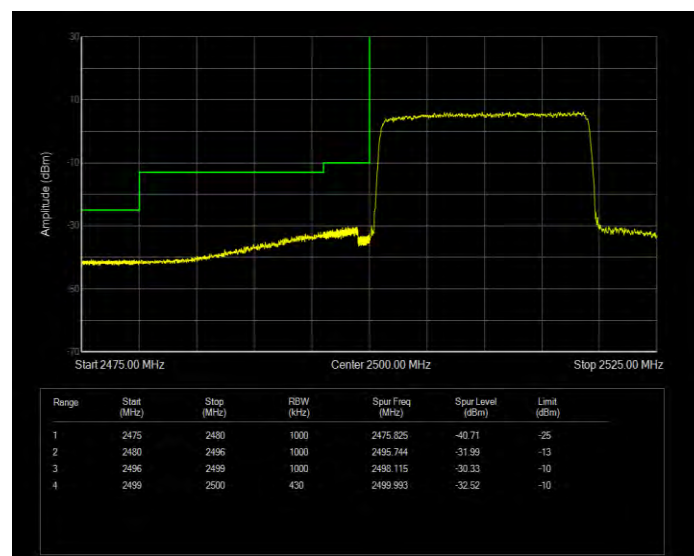
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#Max Normal



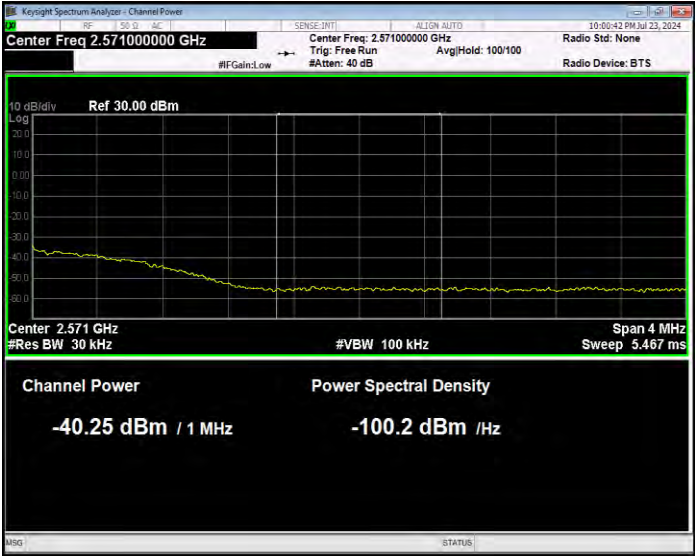
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0 Extended



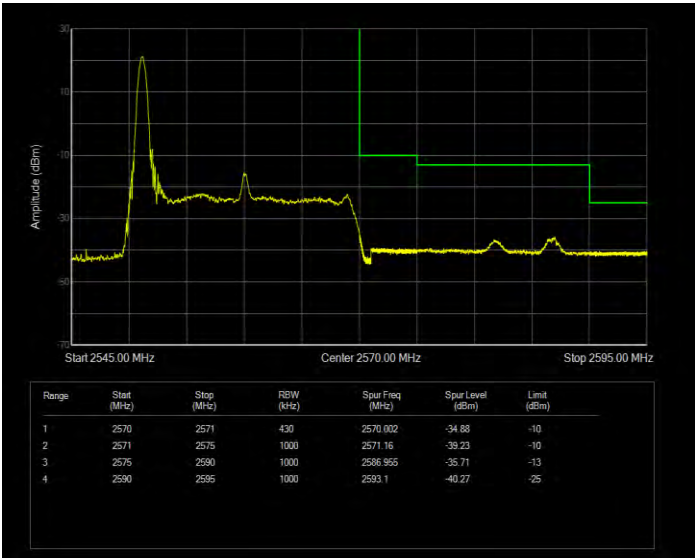
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0 Normal



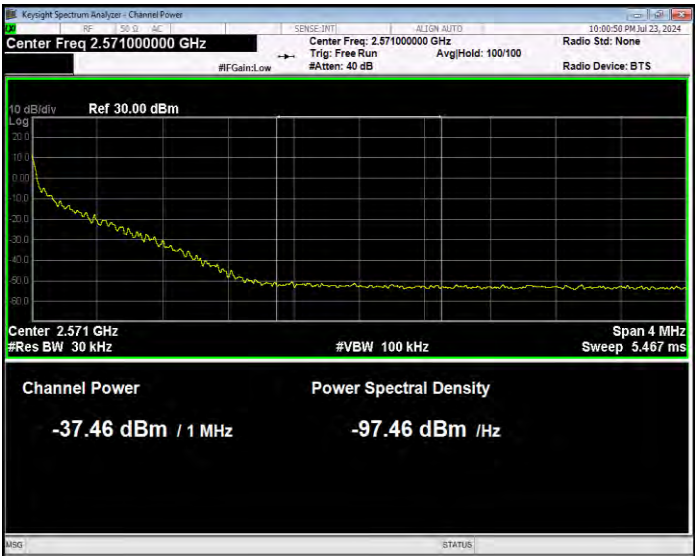
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0 Extended



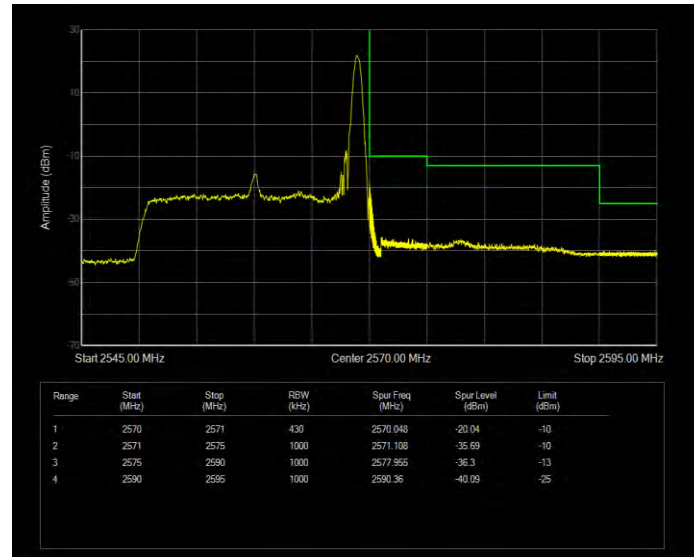
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0 Normal



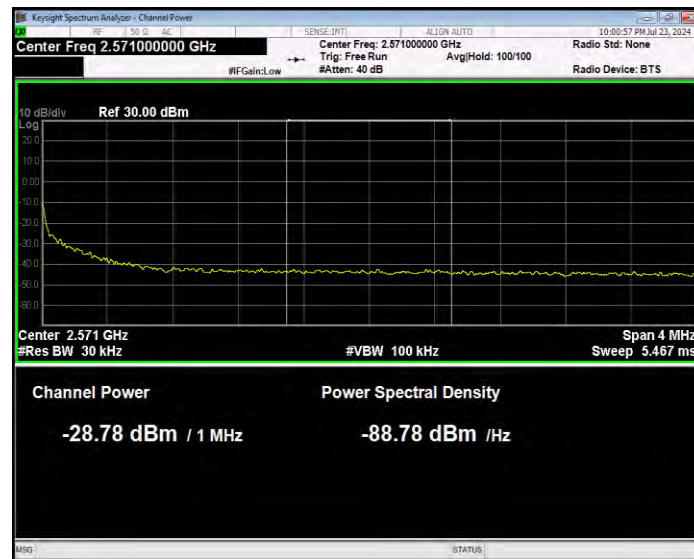
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#Max Extended



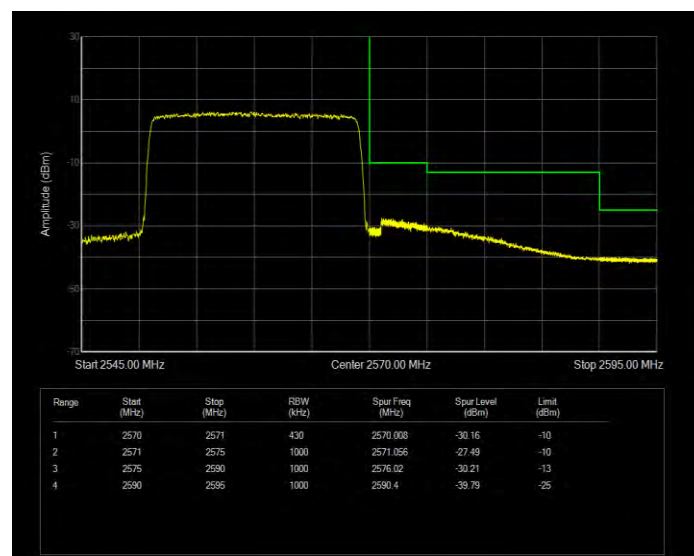
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#Max Normal



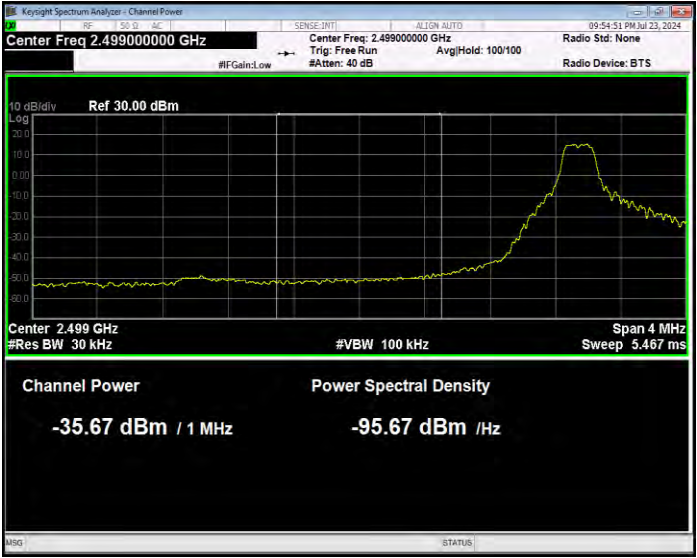
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0 Extended



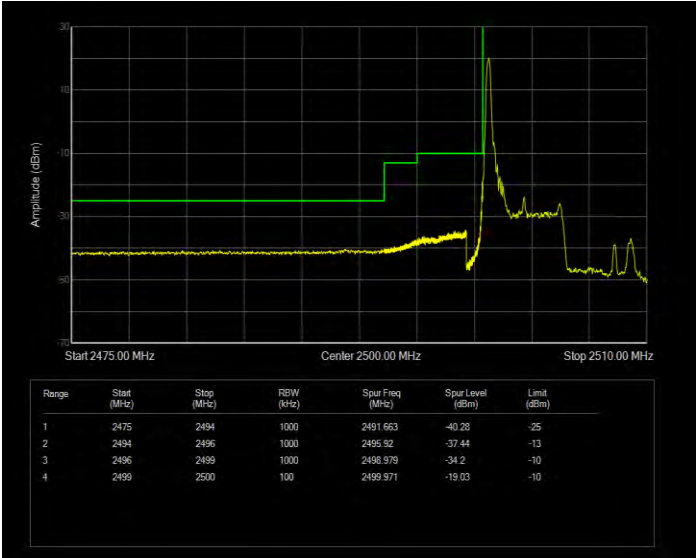
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0 Normal



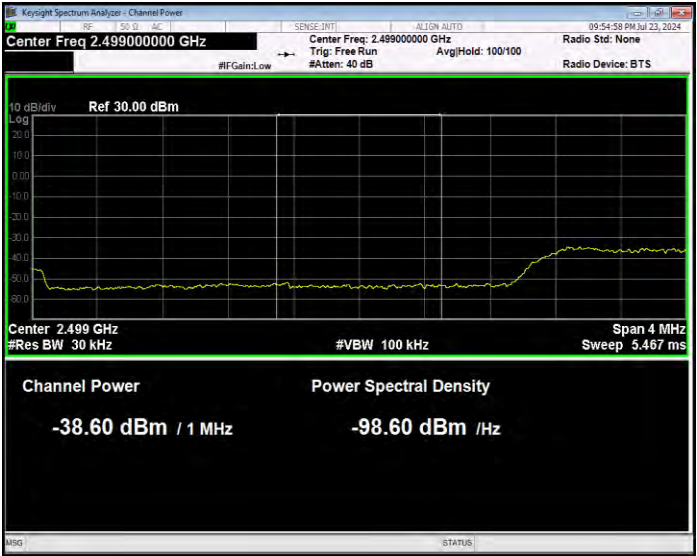
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0 Extended



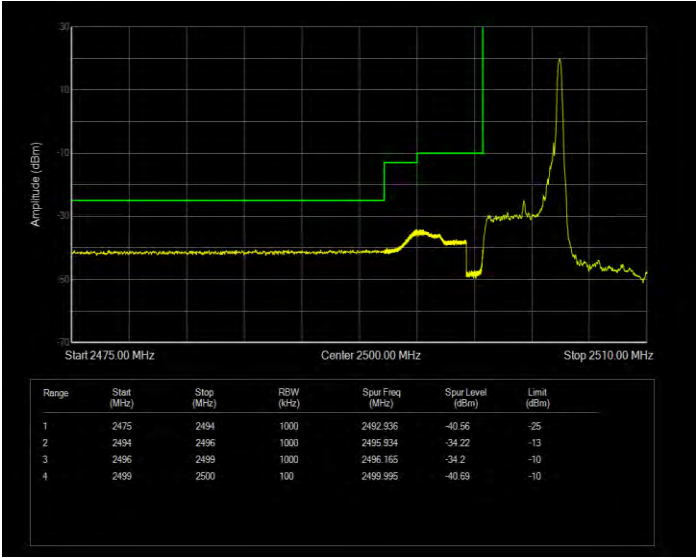
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0 Normal



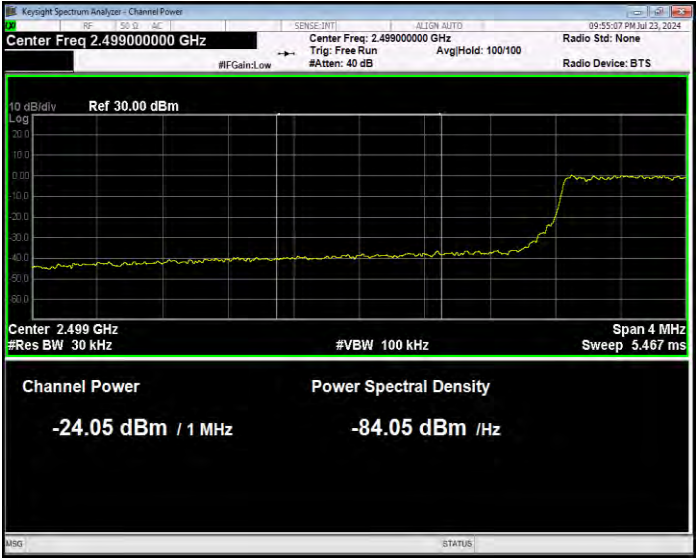
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#Max Extended



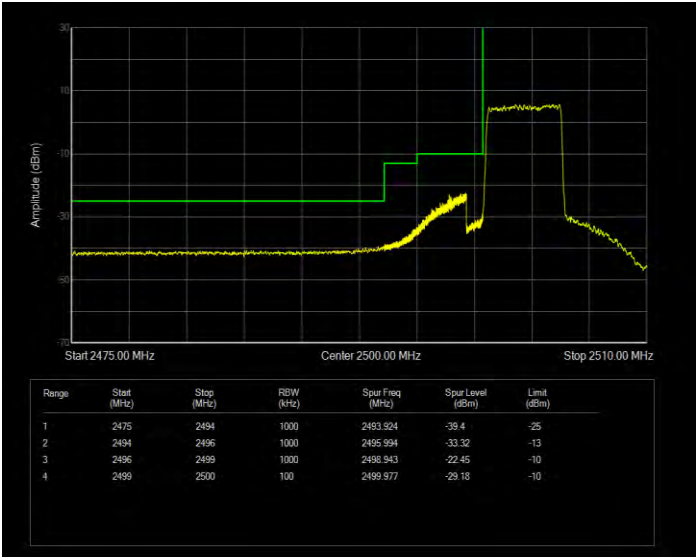
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#Max Normal



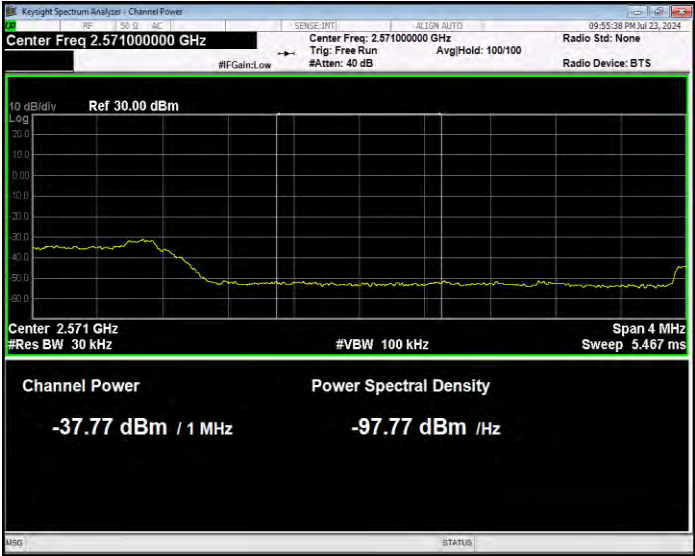
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0 Extended



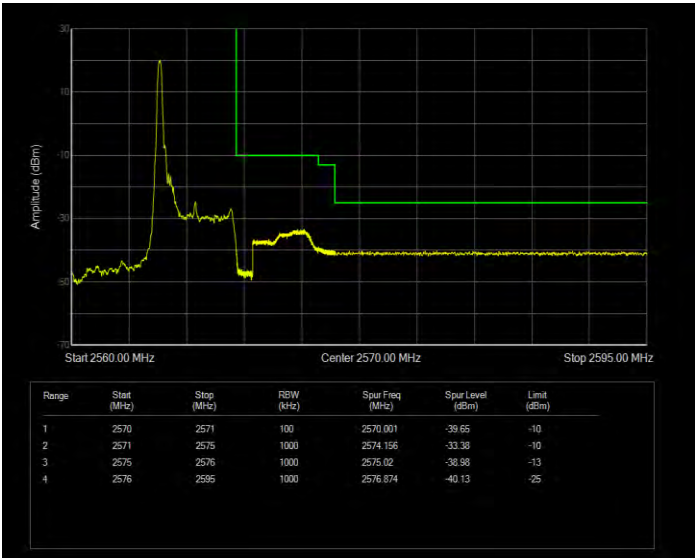
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0 Normal



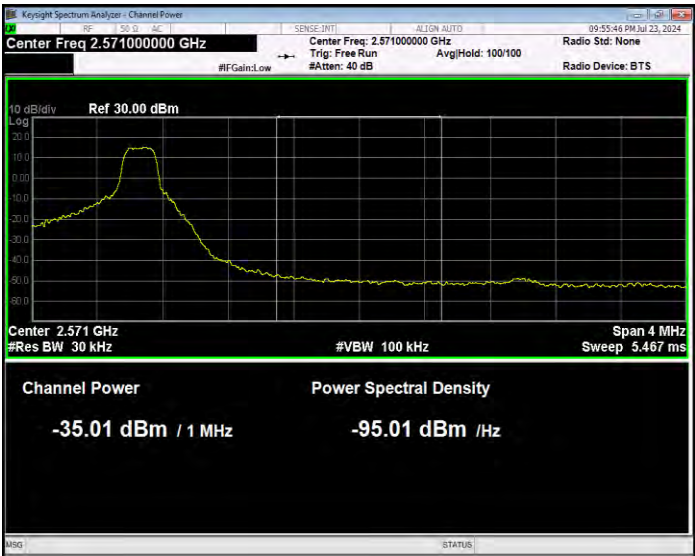
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0 Extended



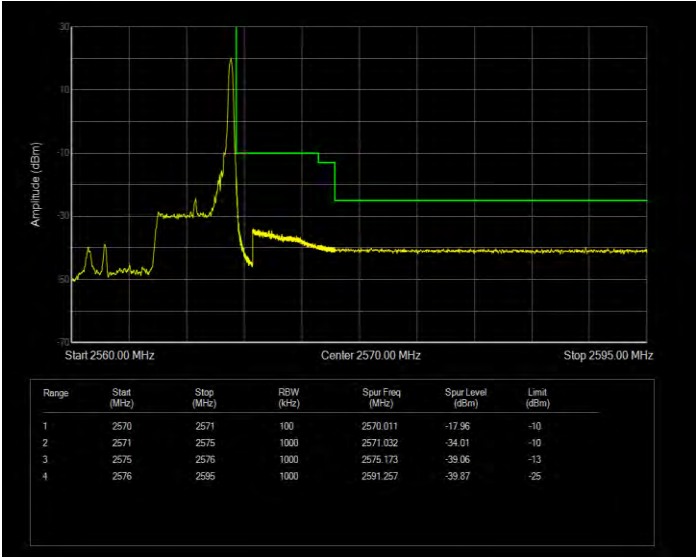
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0 Normal



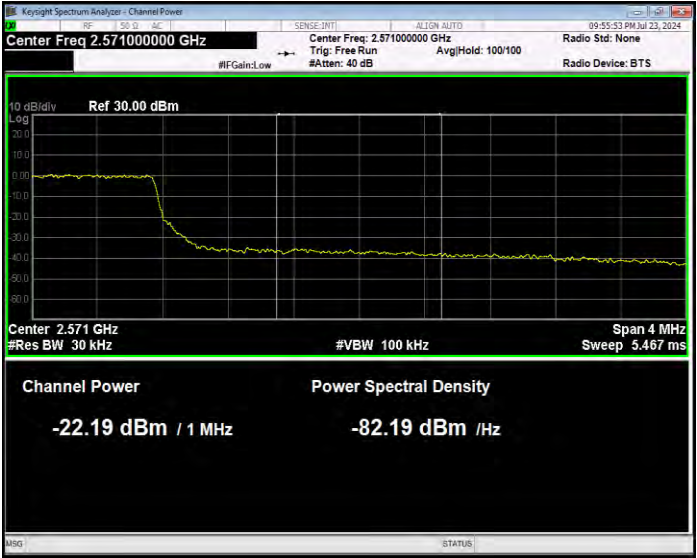
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#Max Extended



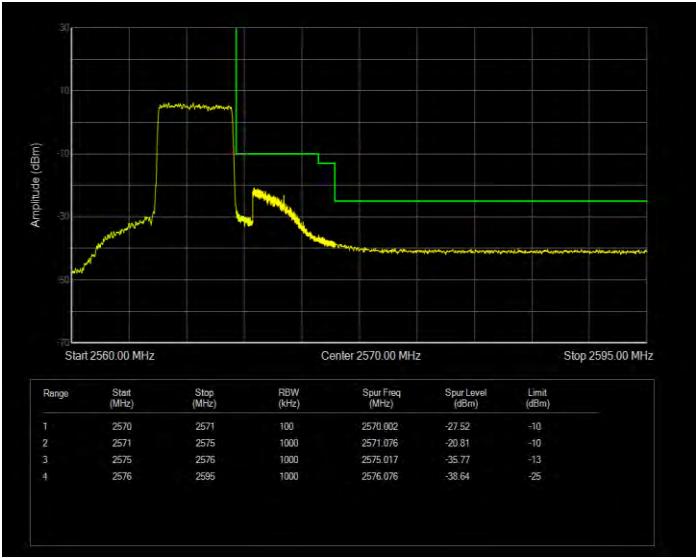
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#Max Normal



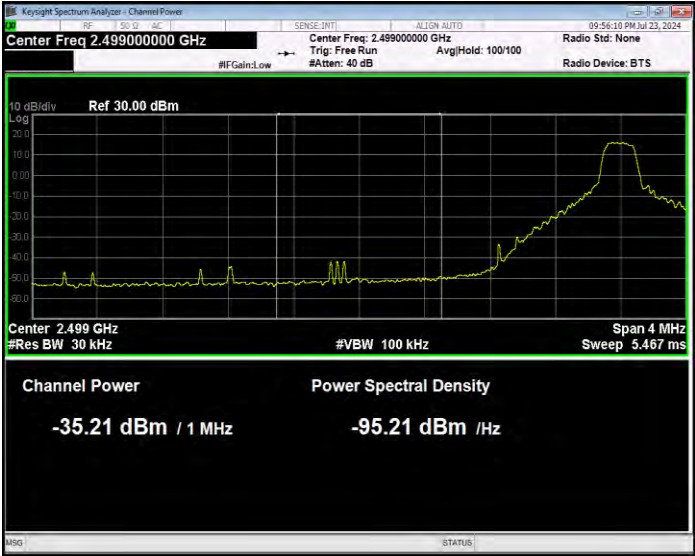
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0 Extended



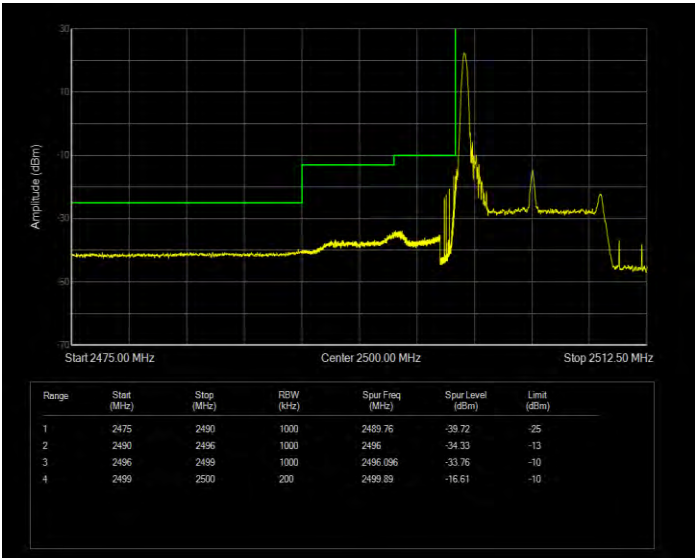
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0 Normal



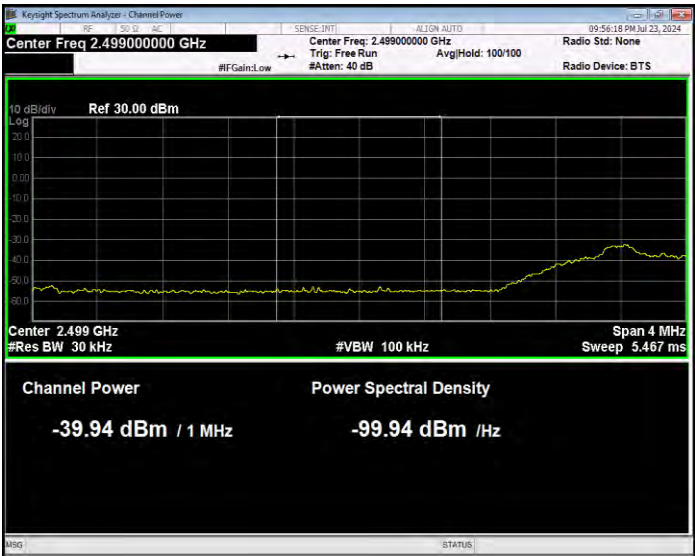
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0 Extended



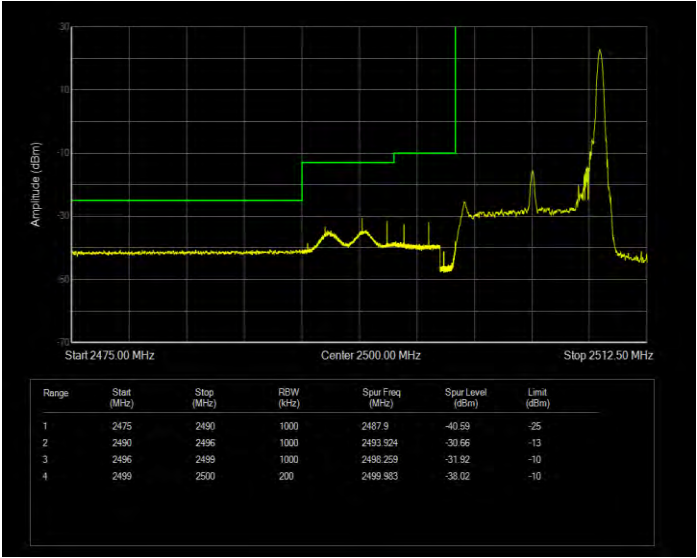
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0 Normal



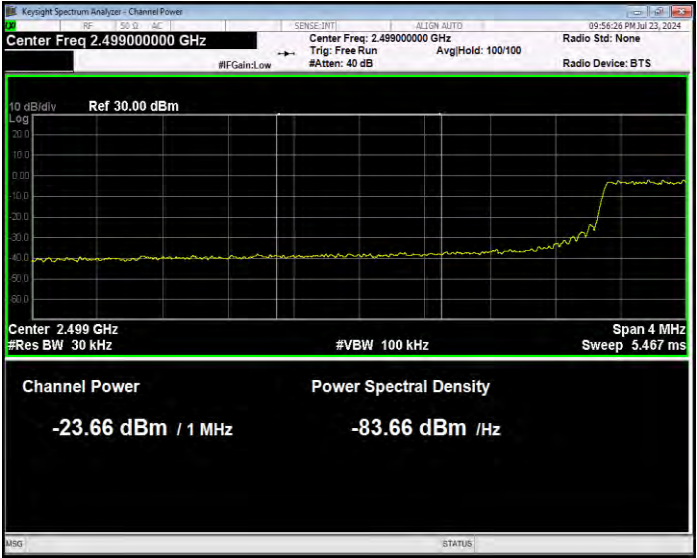
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#Max Extended



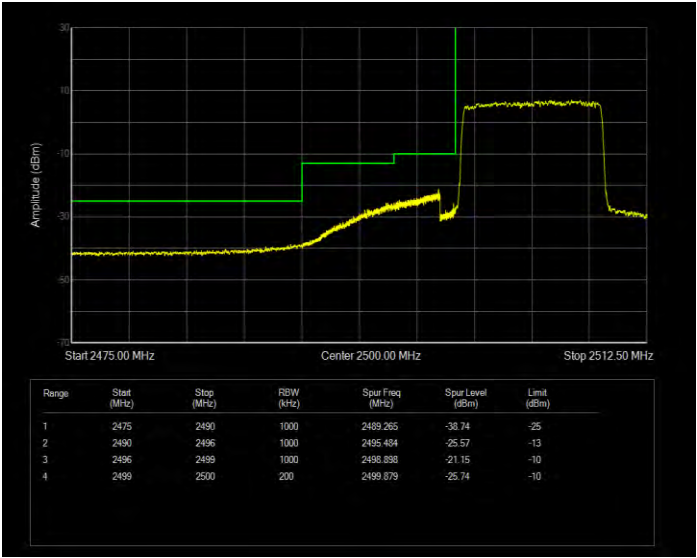
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#Max Normal



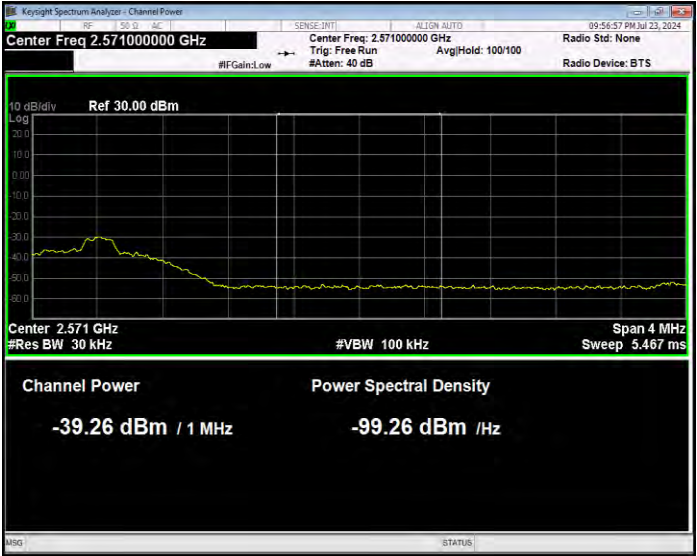
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 Extended



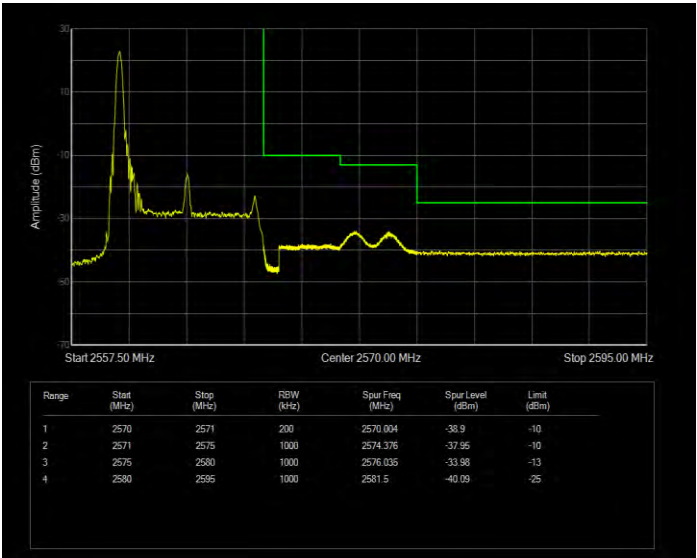
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0 Normal



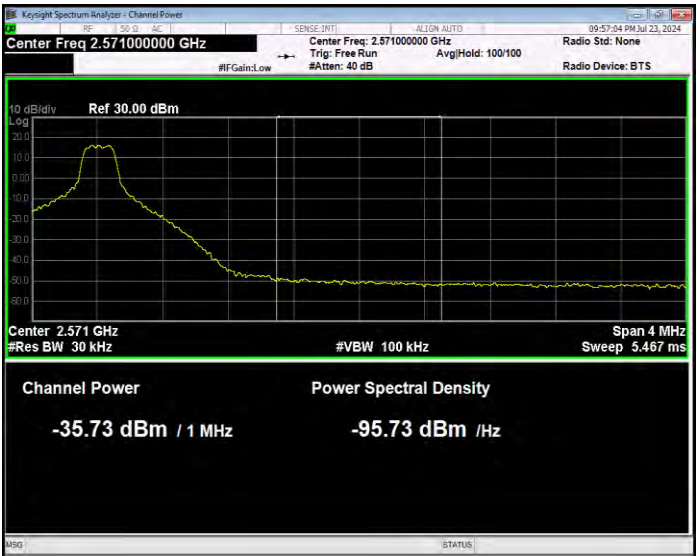
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0 Extended



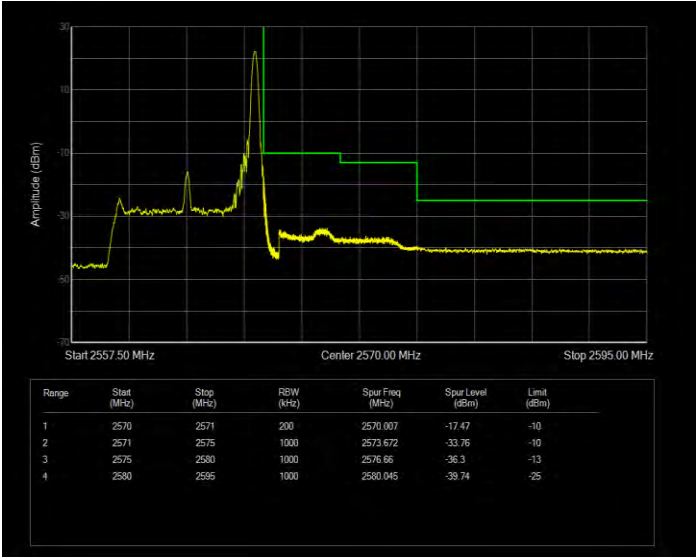
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0 Normal



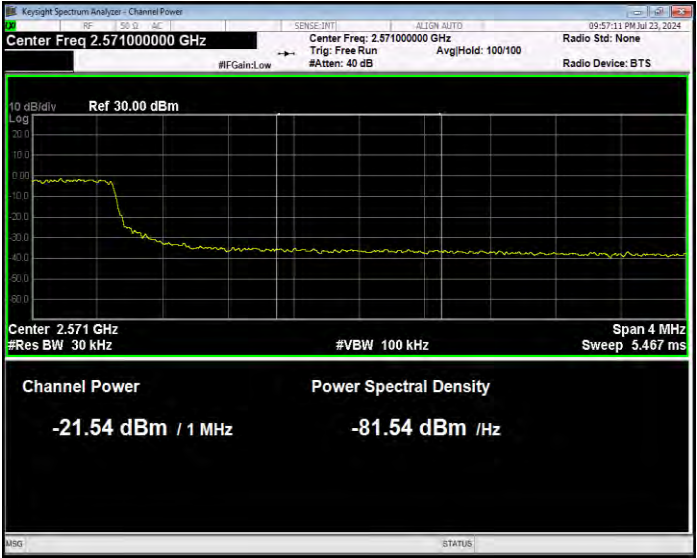
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#Max Extended



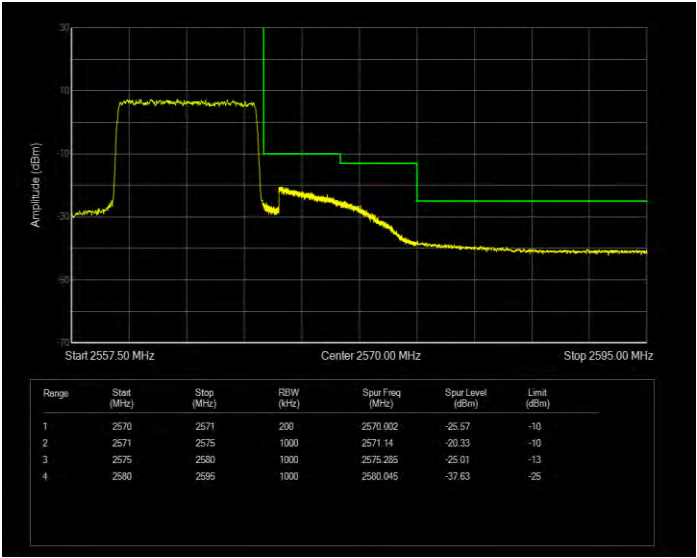
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#Max Normal



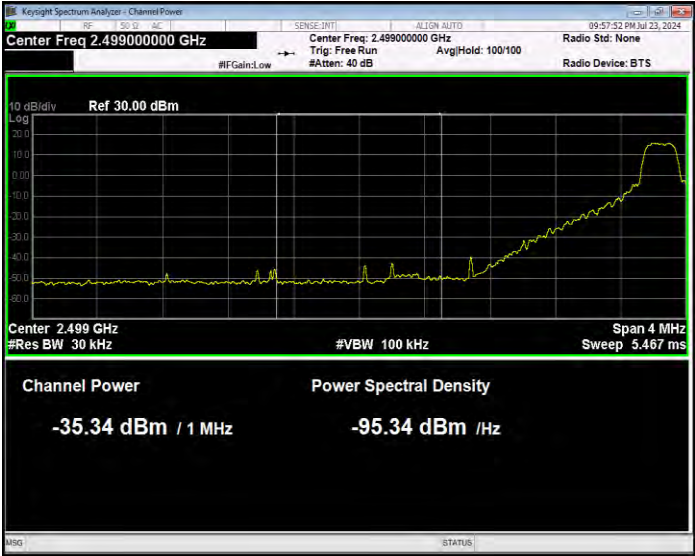
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 Extended



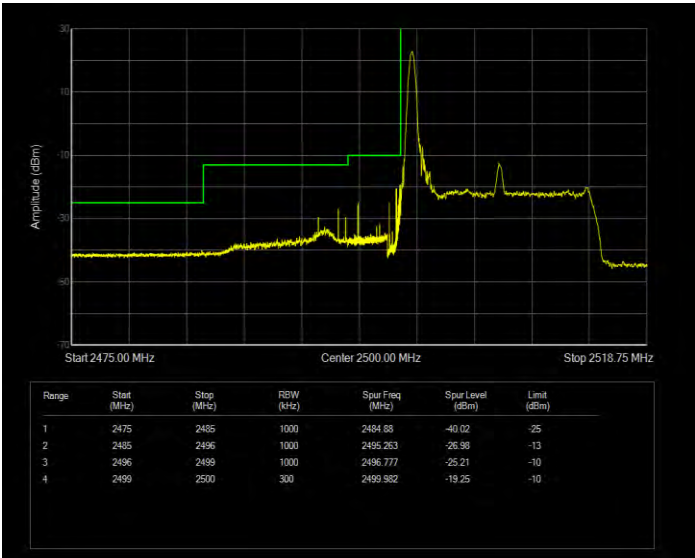
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0 Normal



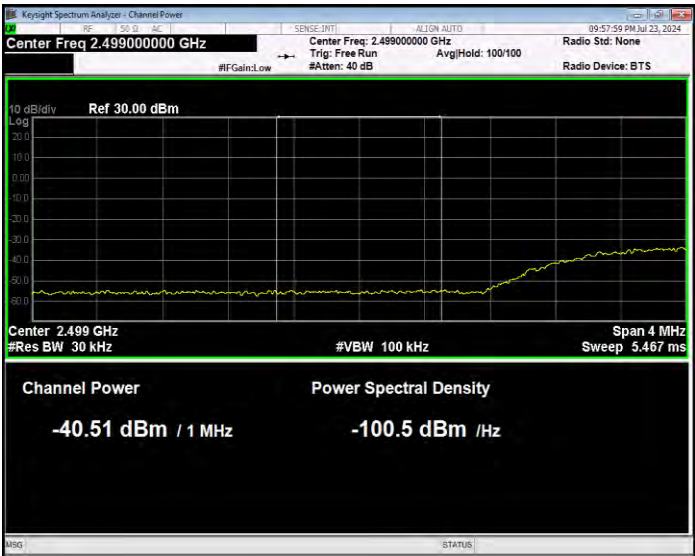
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0 Extended



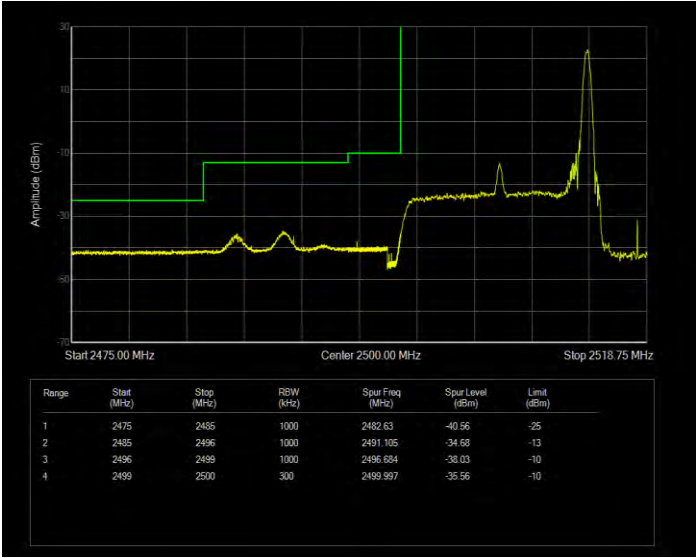
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0 Normal



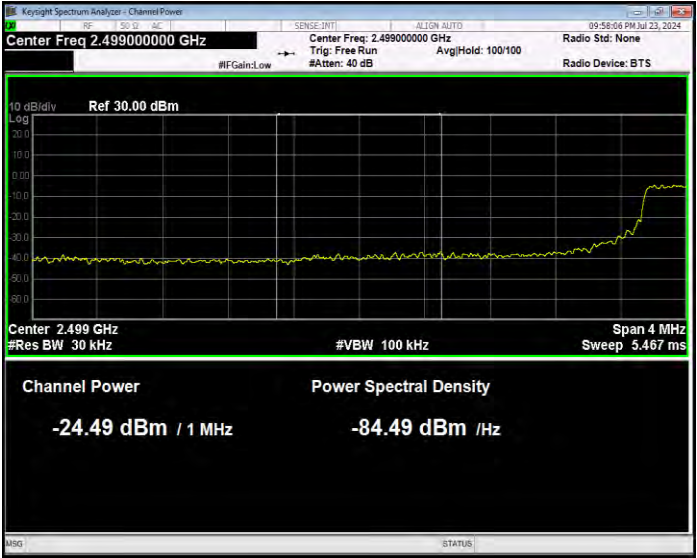
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#Max Extended



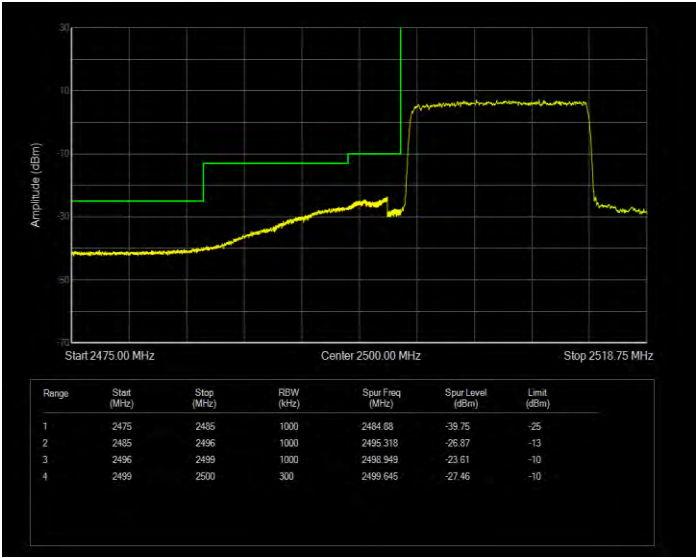
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#Max Normal



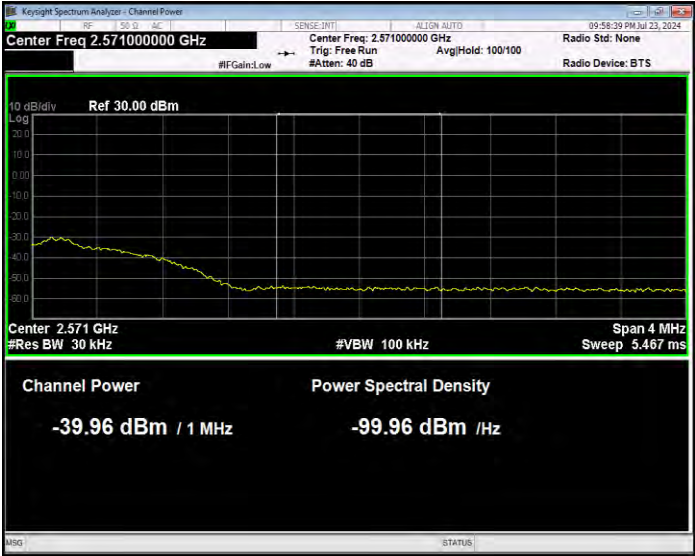
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 Extended



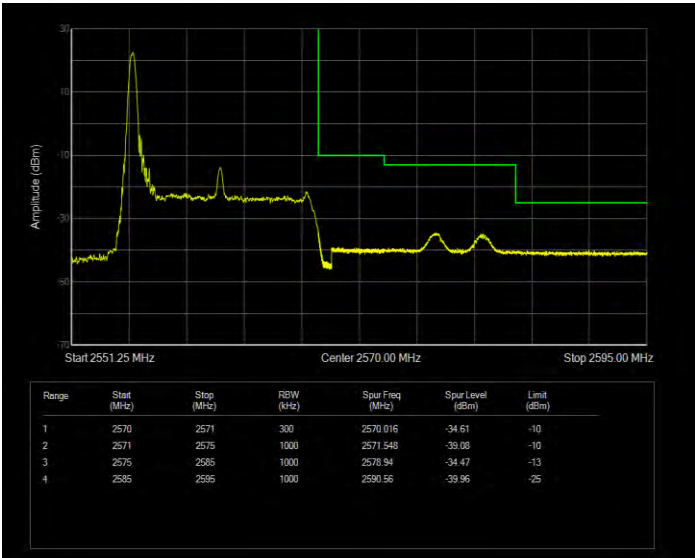
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0 Normal



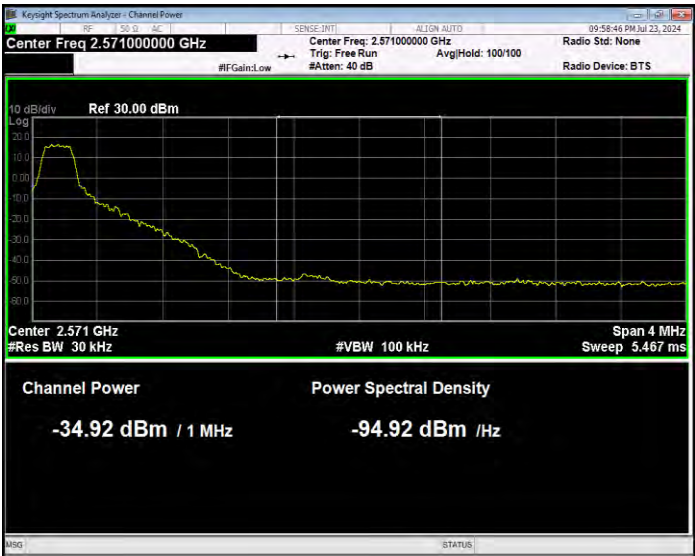
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0 Extended



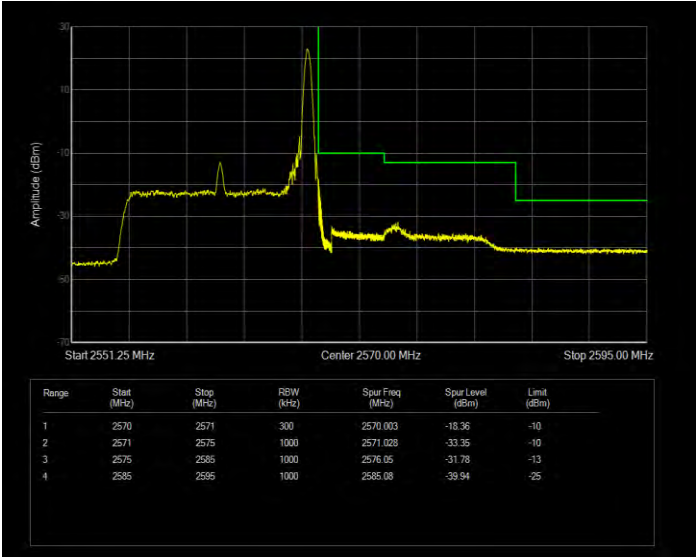
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0 Normal



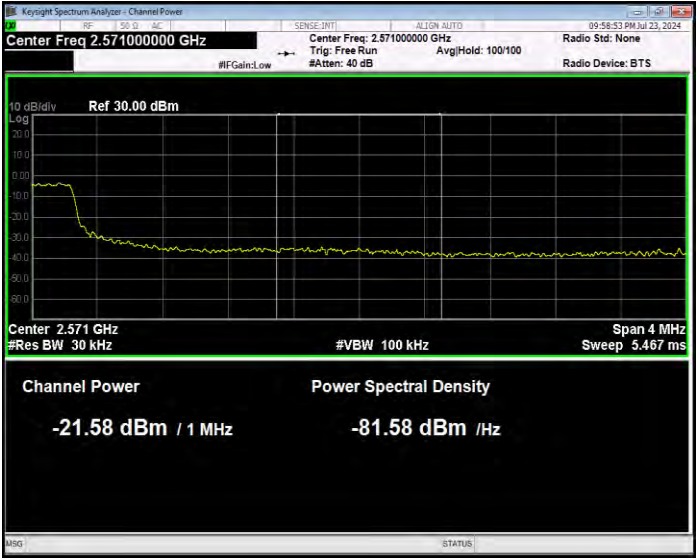
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#Max Extended



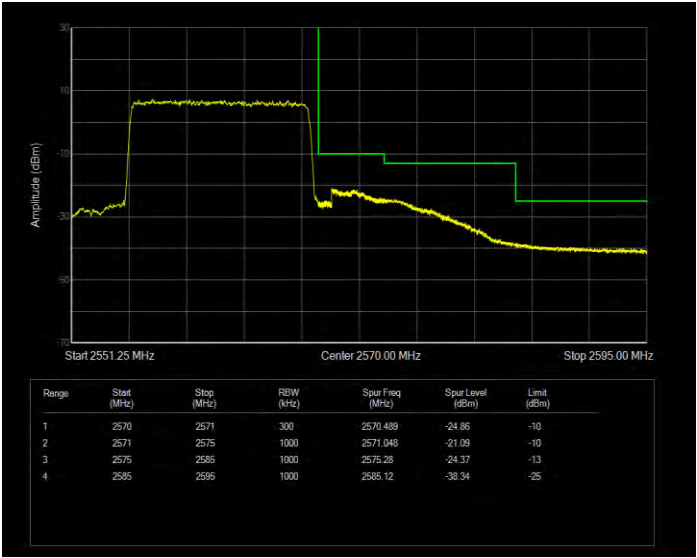
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#Max Normal



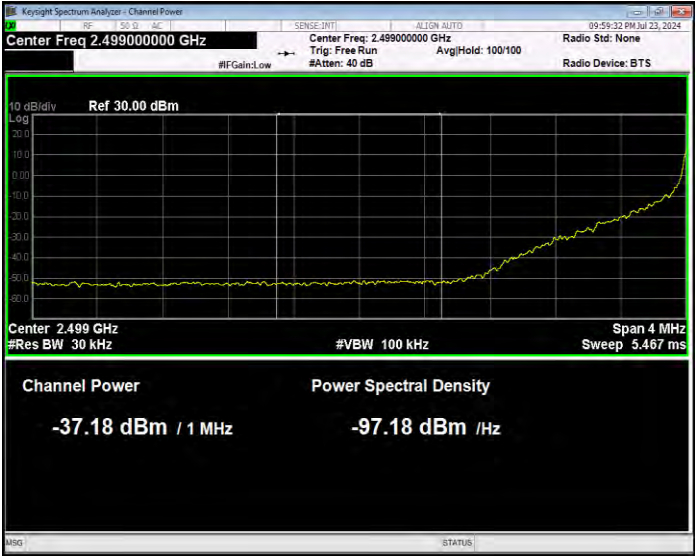
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0 Extended



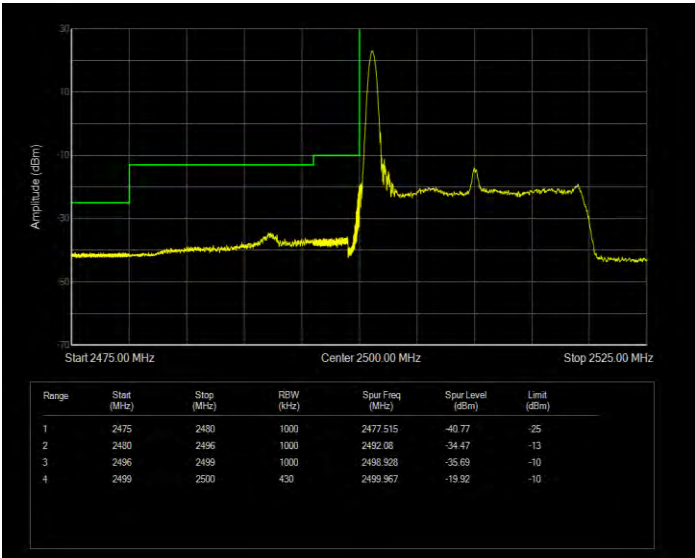
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0 Normal



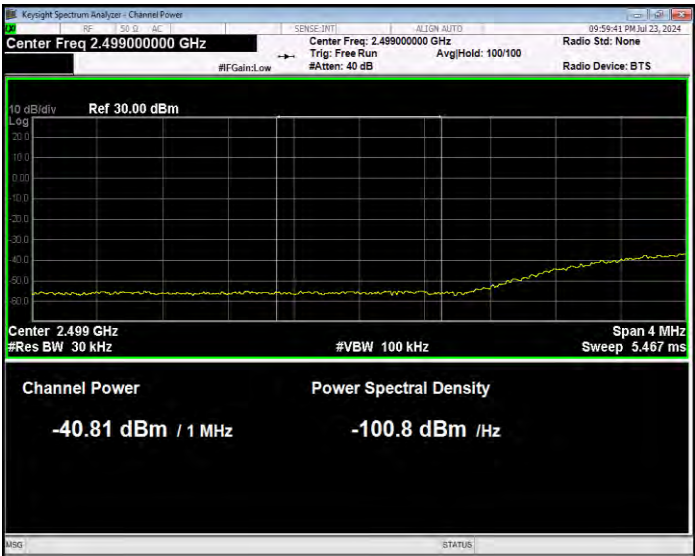
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0 Extended



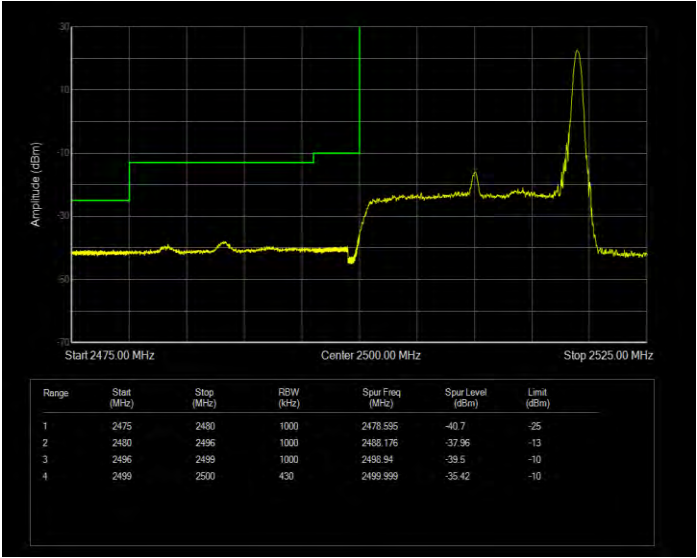
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0 Normal



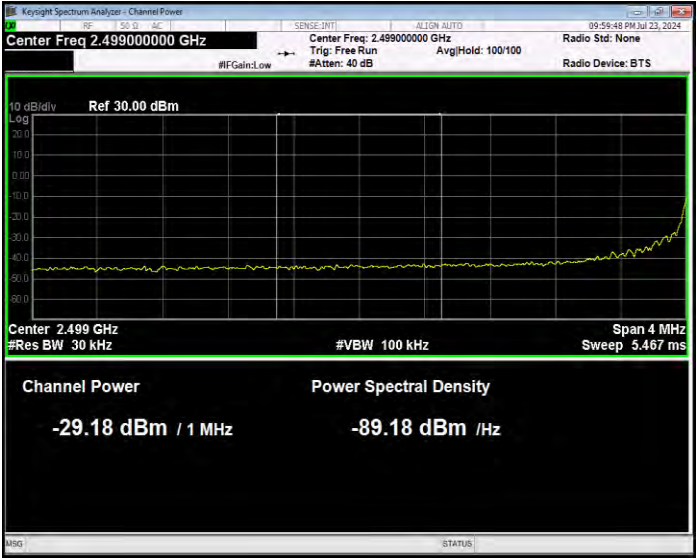
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#Max Extended



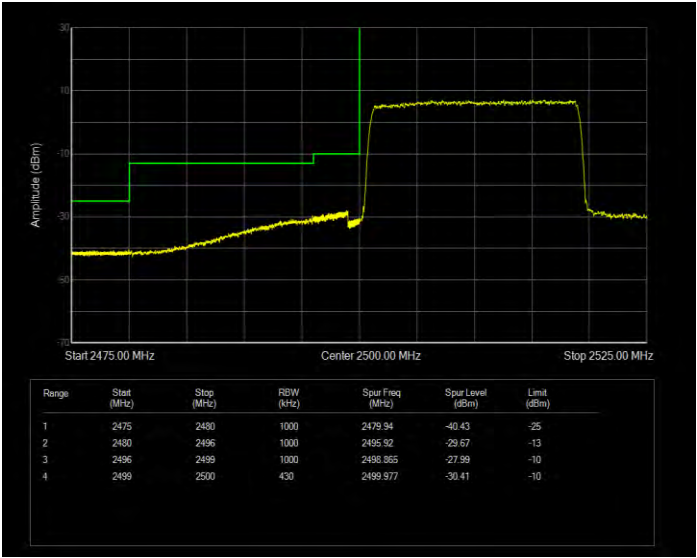
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#Max Normal



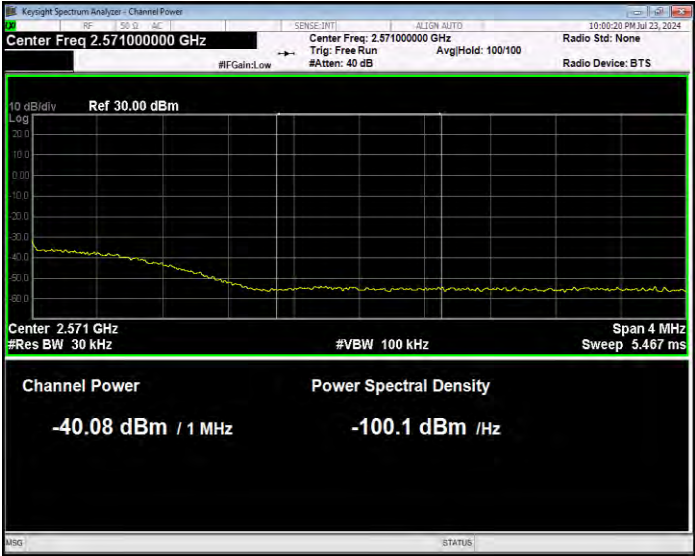
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 Extended



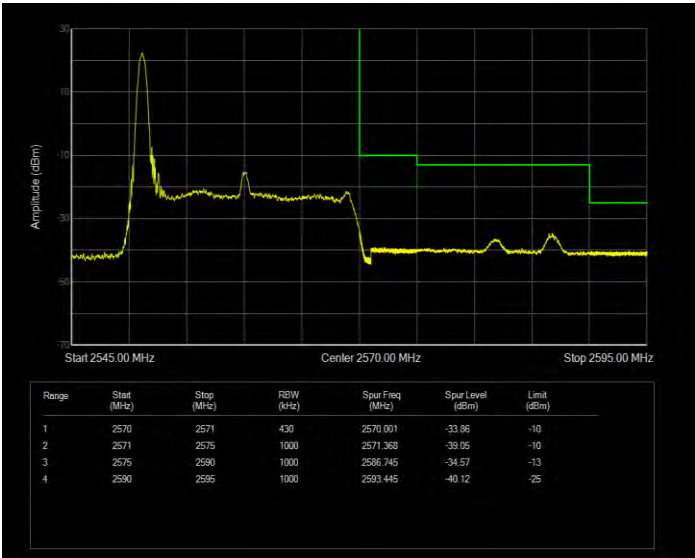
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0 Normal



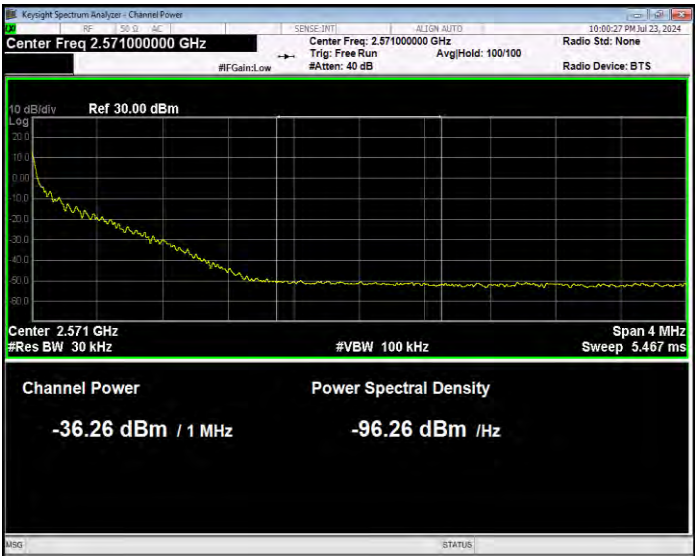
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0 Extended



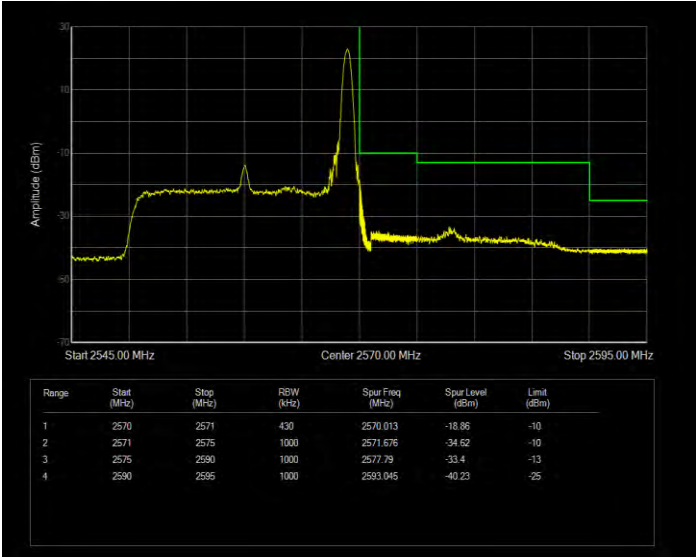
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0 Normal



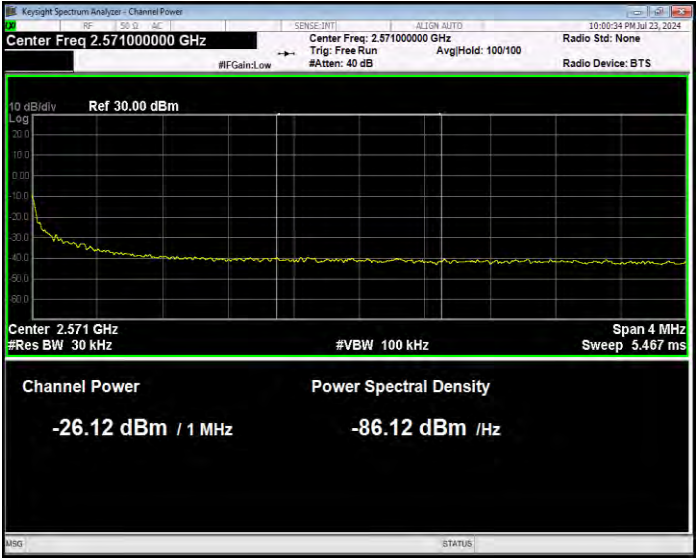
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#Max Extended



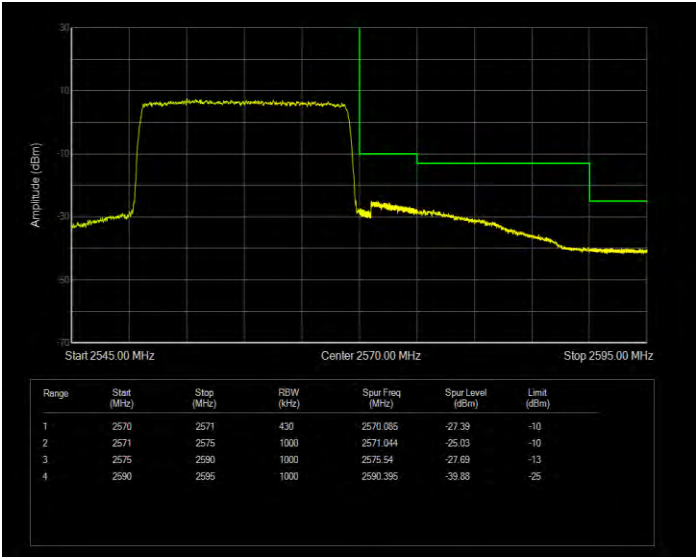
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#Max Normal



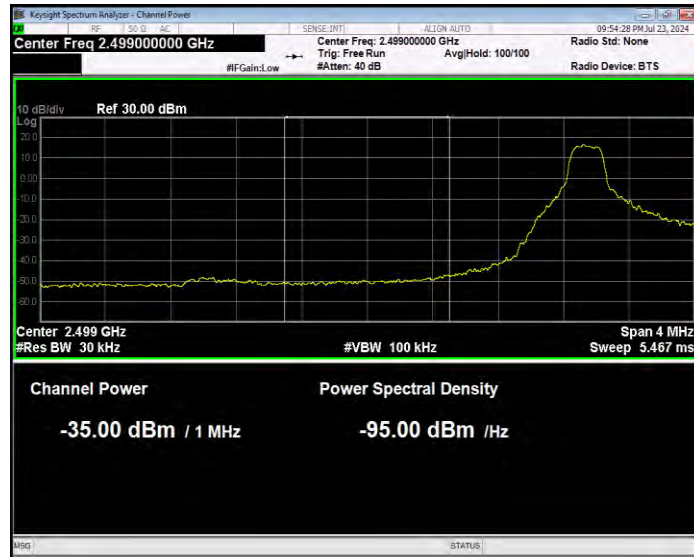
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0 Extended



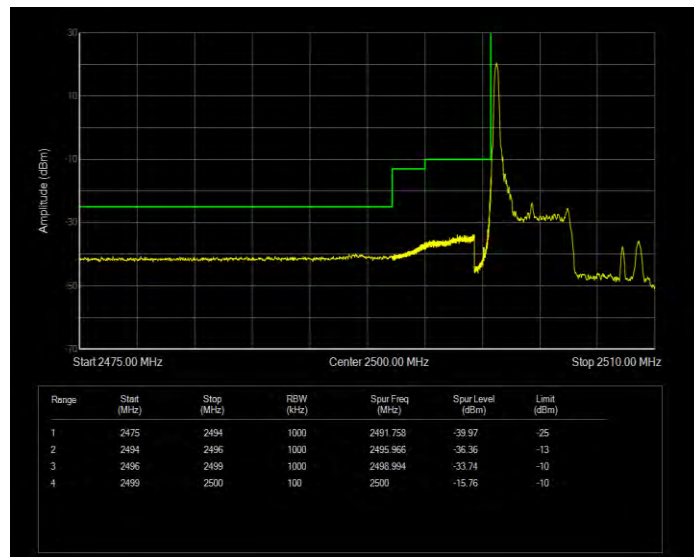
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0 Normal



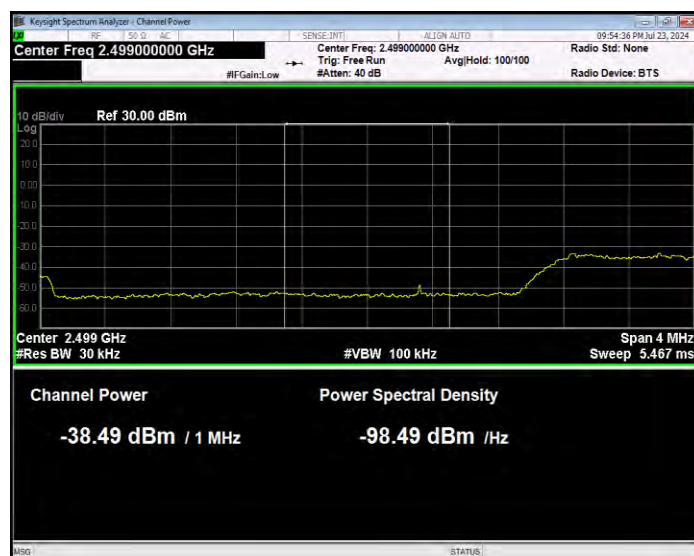
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0 Extended



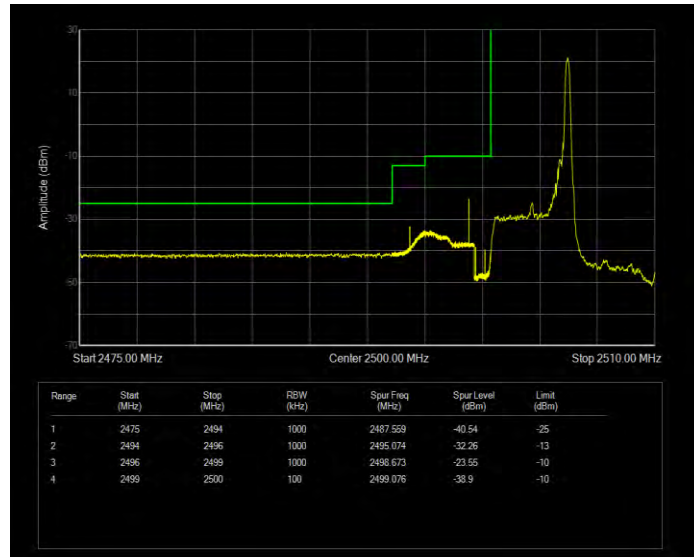
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0 Normal



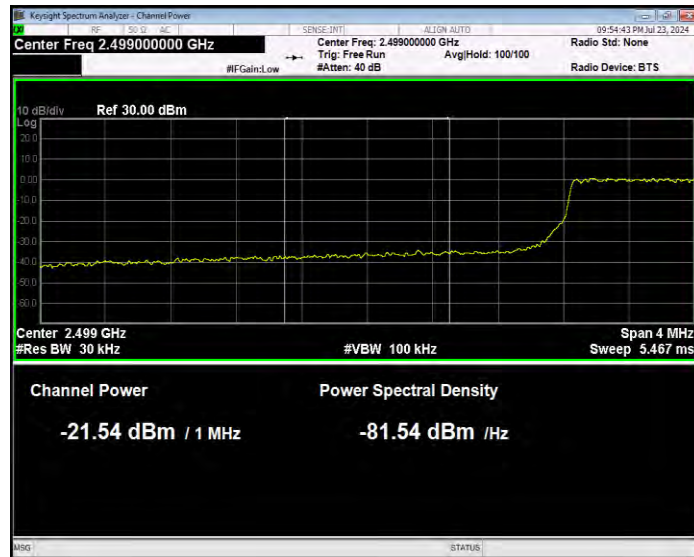
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#Max Extended



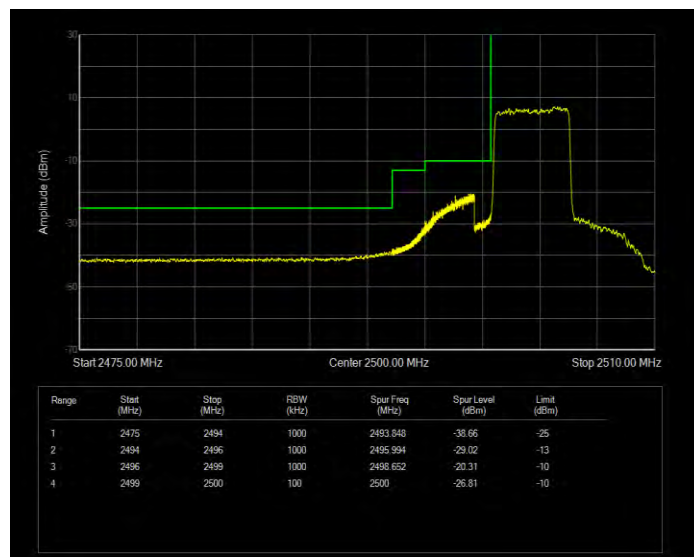
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#Max Normal



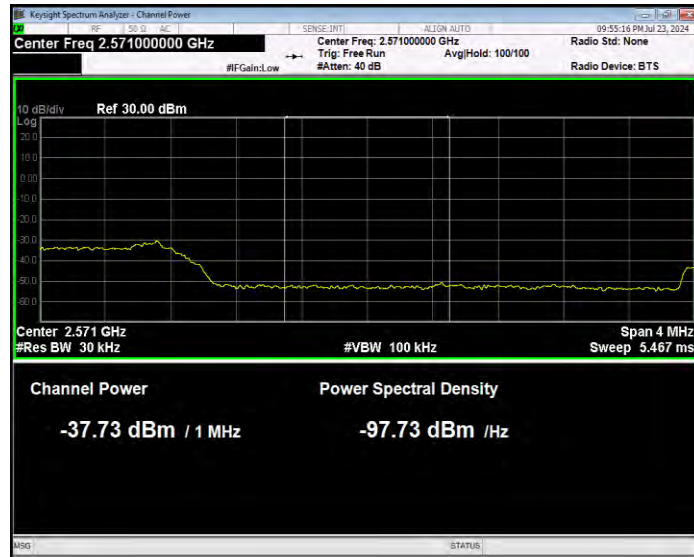
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 Extended



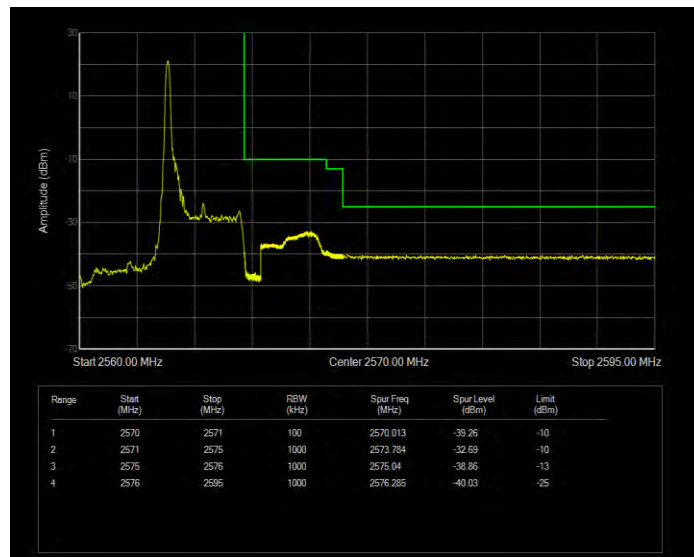
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0 Normal



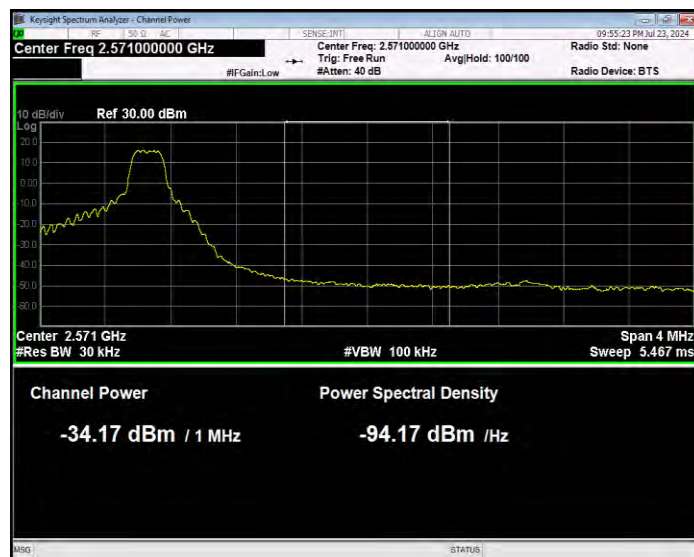
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0 Extended



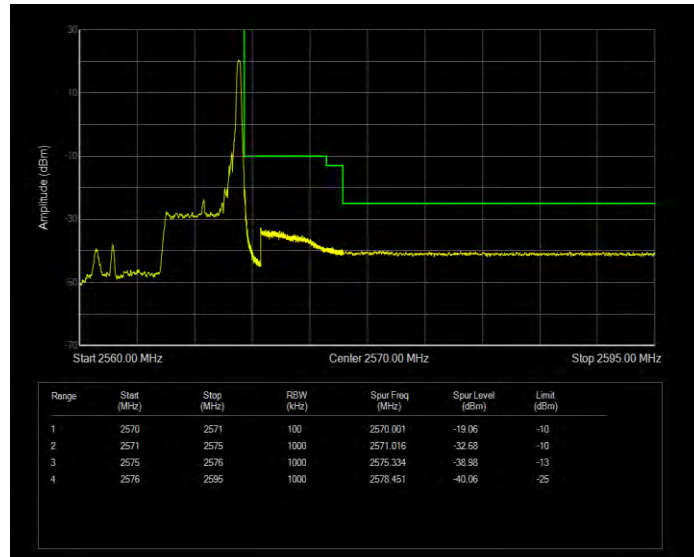
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0 Normal



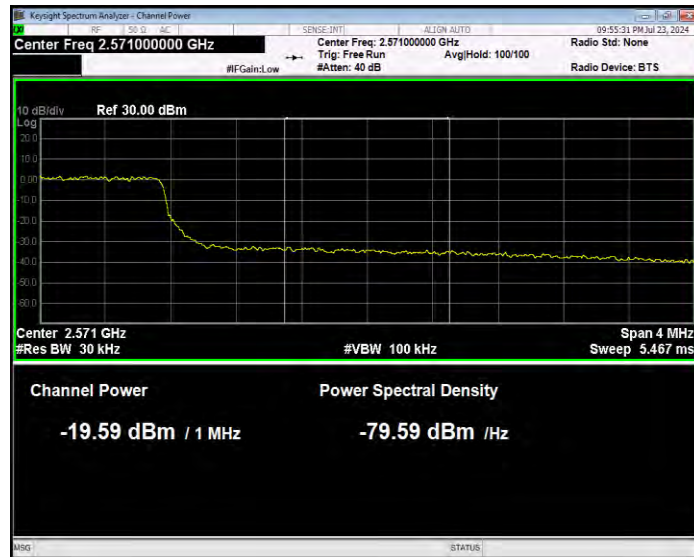
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#Max Extended



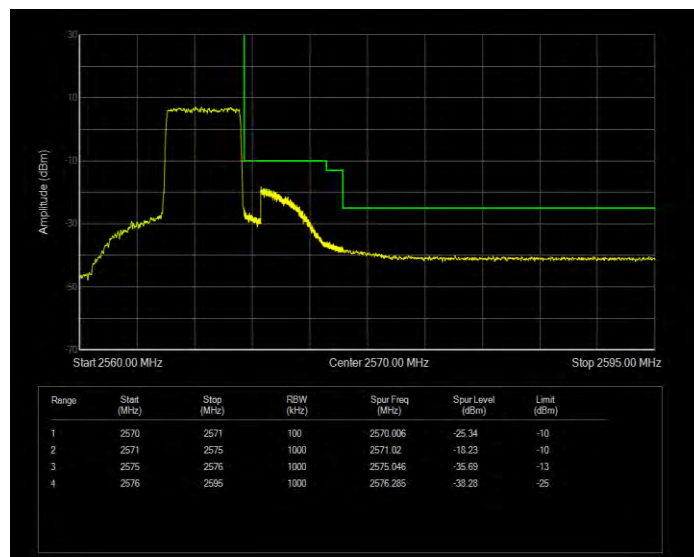
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#Max Normal



Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0 Extended



Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0 Normal

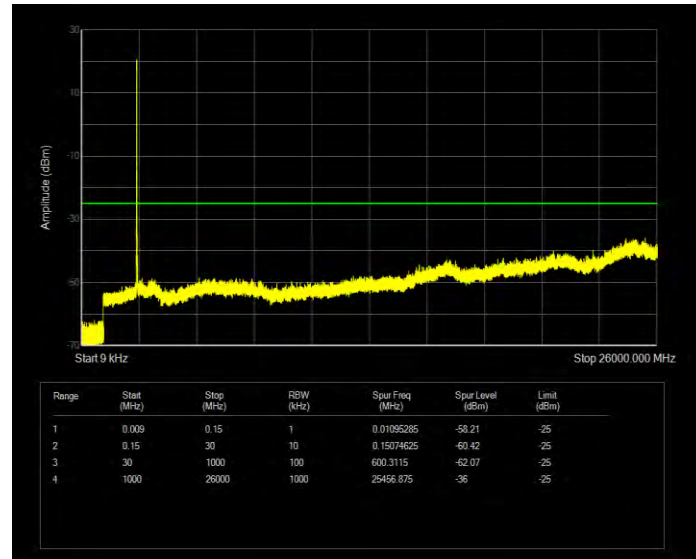


5. Conducted Spurious Emission

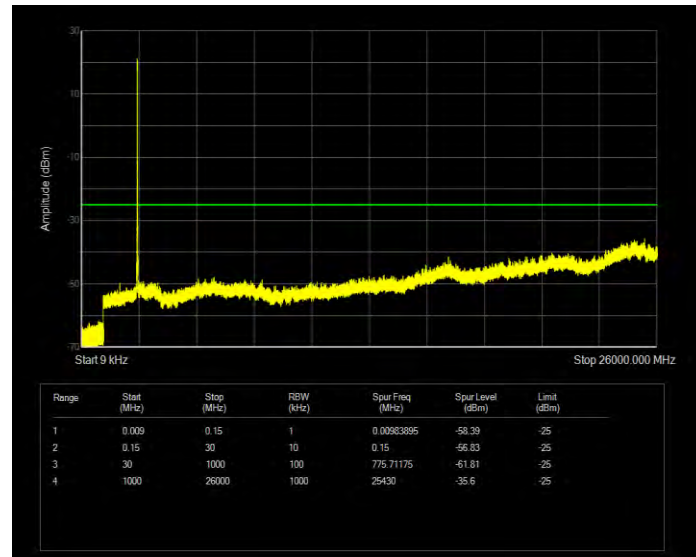
Test Result

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	25340.63	-36.05	-25	PASS
Band7	5	20775	25	#0	16QAM	24848.75	-35.98	-25	PASS
Band7	5	21100	25	#0	QPSK	24909.38	-36.13	-25	PASS
Band7	5	21100	25	#0	16QAM	24938.13	-36.56	-25	PASS
Band7	5	21425	25	#0	QPSK	25038.13	-36.05	-25	PASS
Band7	5	21425	25	#0	16QAM	25376.25	-35.91	-25	PASS
Band7	10	20800	50	#0	QPSK	24853.75	-36.01	-25	PASS
Band7	10	20800	50	#0	16QAM	25456.88	-36.00	-25	PASS
Band7	10	21100	50	#0	QPSK	24926.25	-36.13	-25	PASS
Band7	10	21100	50	#0	16QAM	25430.00	-35.60	-25	PASS
Band7	10	21400	50	#0	QPSK	24646.25	-35.47	-25	PASS
Band7	10	21400	50	#0	16QAM	25328.75	-36.42	-25	PASS
Band7	15	20825	75	#0	QPSK	25015.63	-36.01	-25	PASS
Band7	15	20825	75	#0	16QAM	24981.88	-35.64	-25	PASS
Band7	15	21100	75	#0	QPSK	25283.75	-35.76	-25	PASS
Band7	15	21100	75	#0	16QAM	24918.75	-35.32	-25	PASS
Band7	15	21375	75	#0	QPSK	25410.63	-36.07	-25	PASS
Band7	15	21375	75	#0	16QAM	24911.25	-36.38	-25	PASS
Band7	20	20850	100	#0	QPSK	24946.25	-35.25	-25	PASS
Band7	20	20850	100	#0	16QAM	24915.00	-35.70	-25	PASS
Band7	20	21100	100	#0	QPSK	24869.38	-36.43	-25	PASS
Band7	20	21100	100	#0	16QAM	25056.88	-36.02	-25	PASS
Band7	20	21350	100	#0	QPSK	24953.13	-35.94	-25	PASS
Band7	20	21350	100	#0	16QAM	25341.88	-36.07	-25	PASS

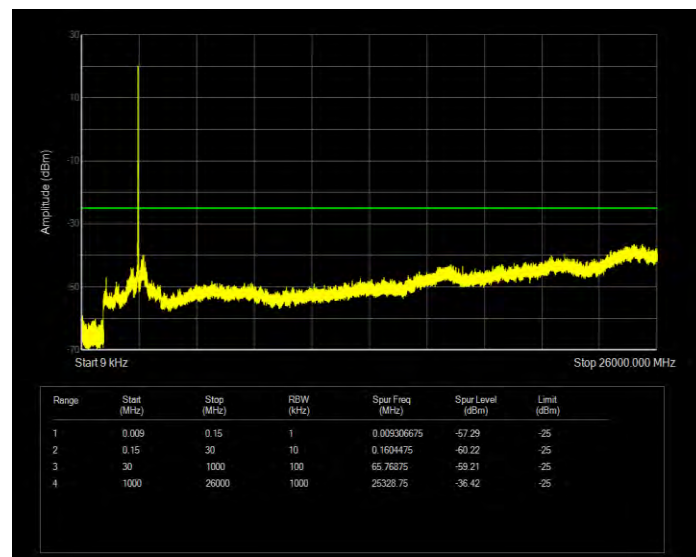
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



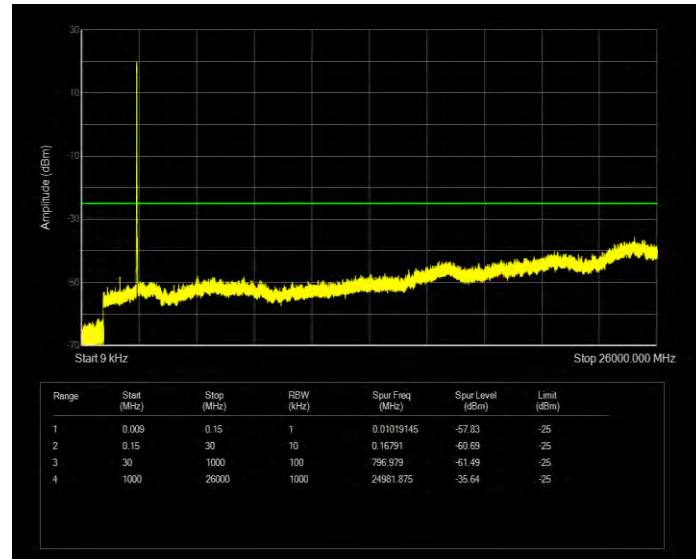
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



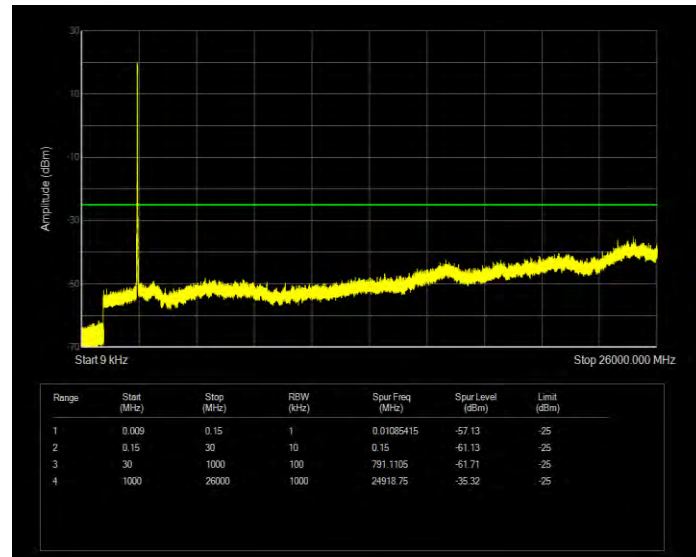
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



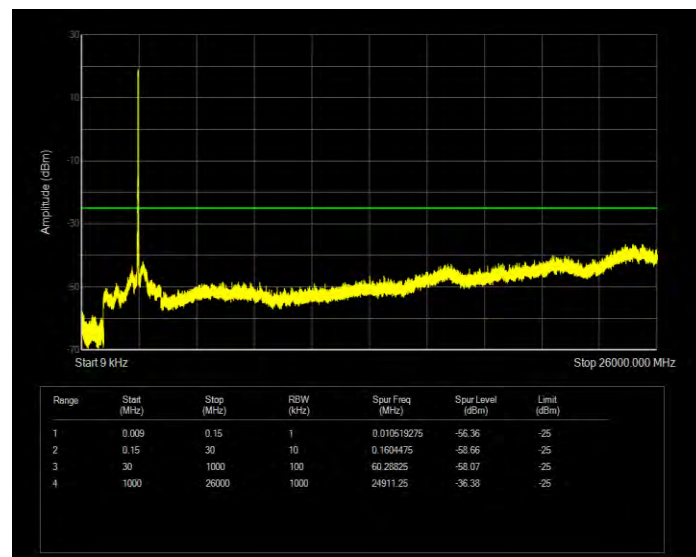
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



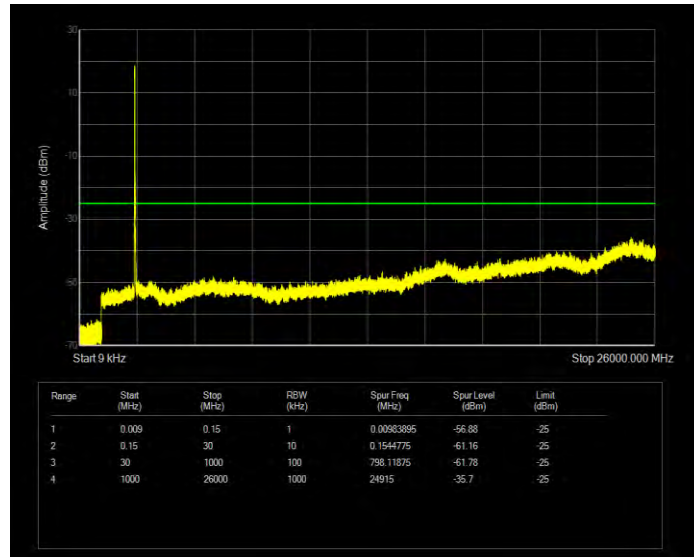
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



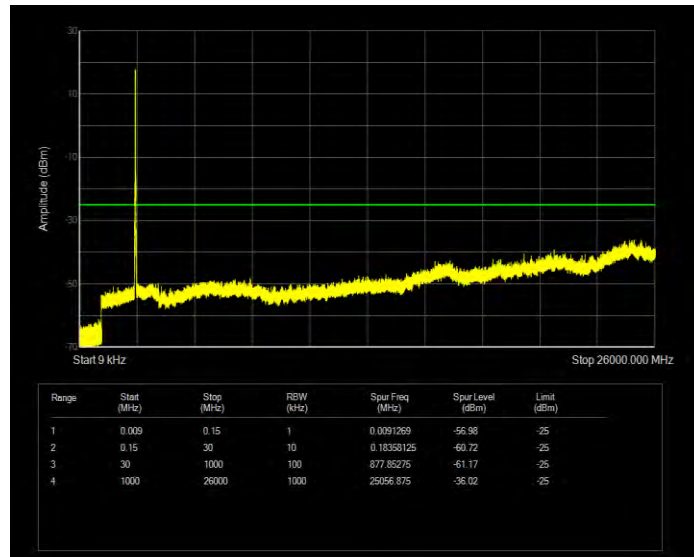
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



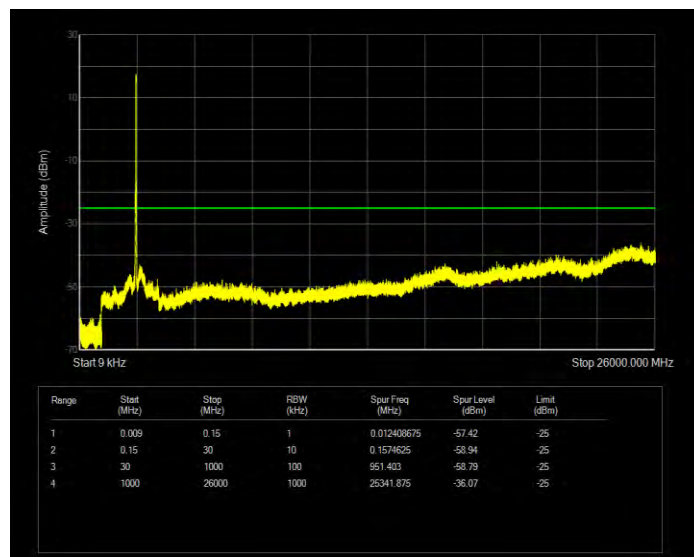
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



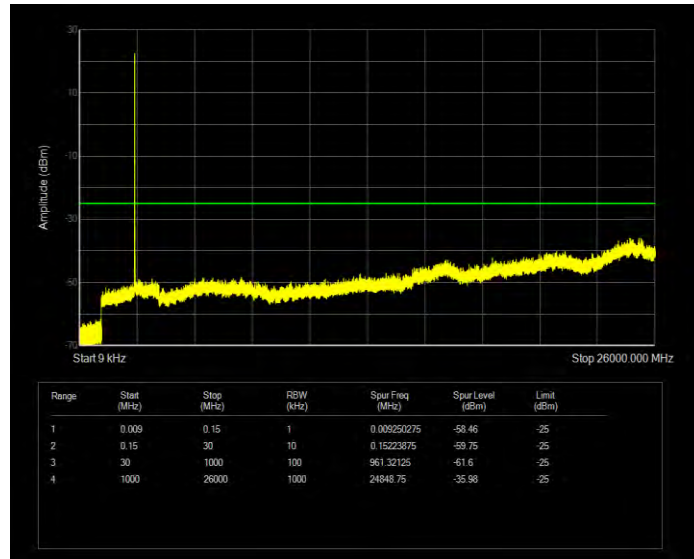
Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



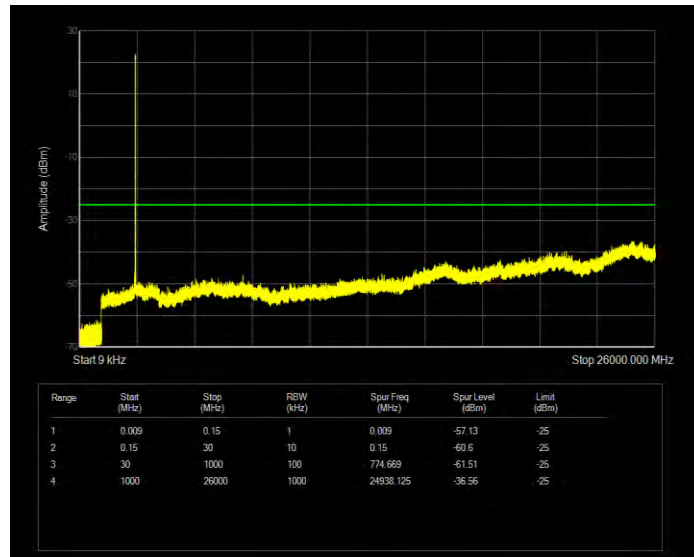
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0



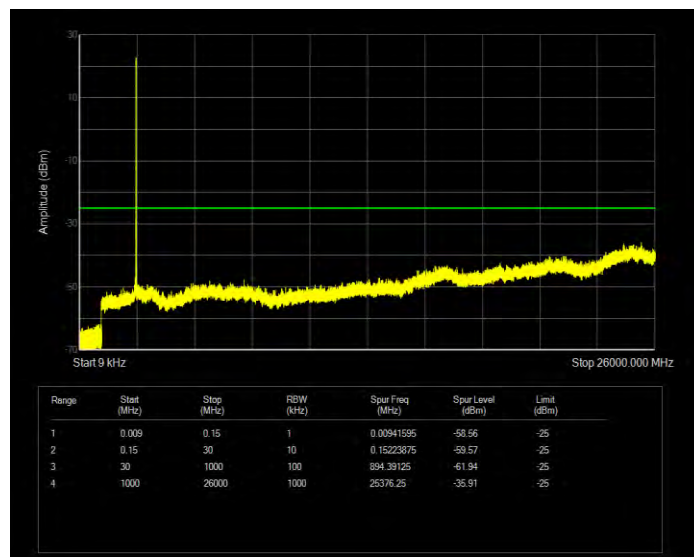
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



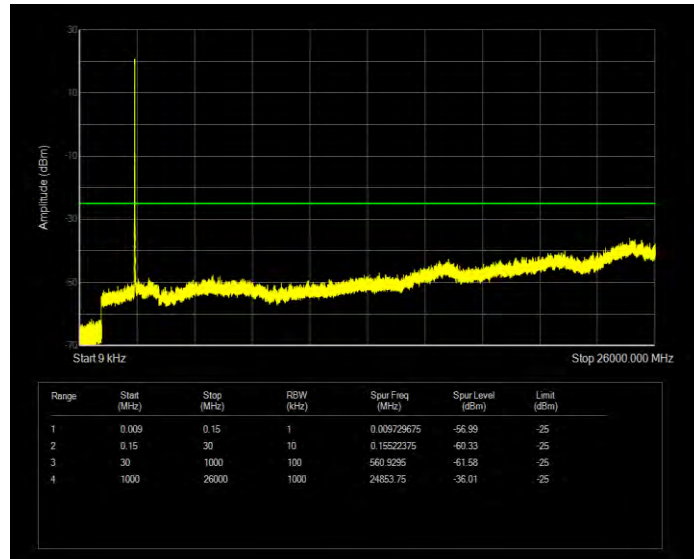
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



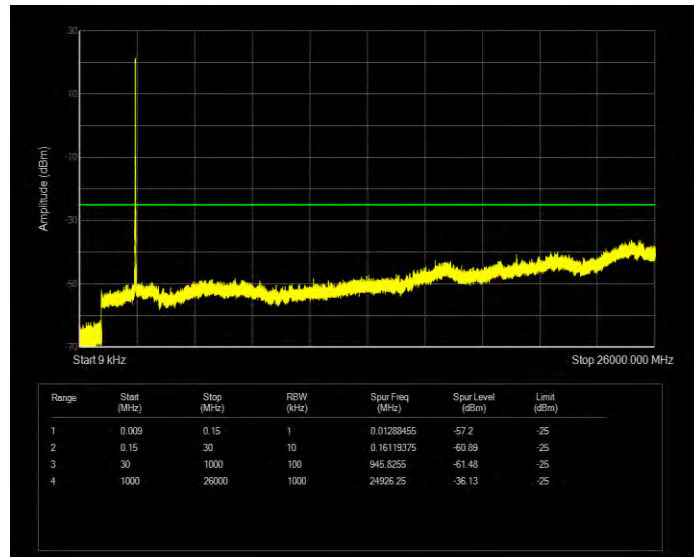
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



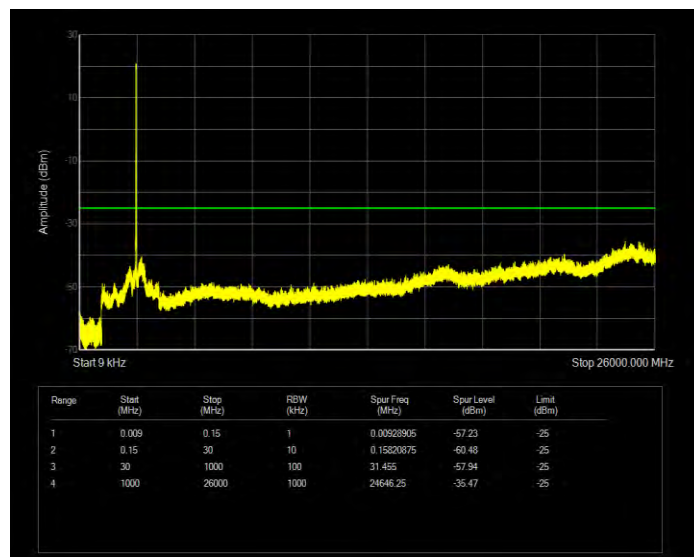
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



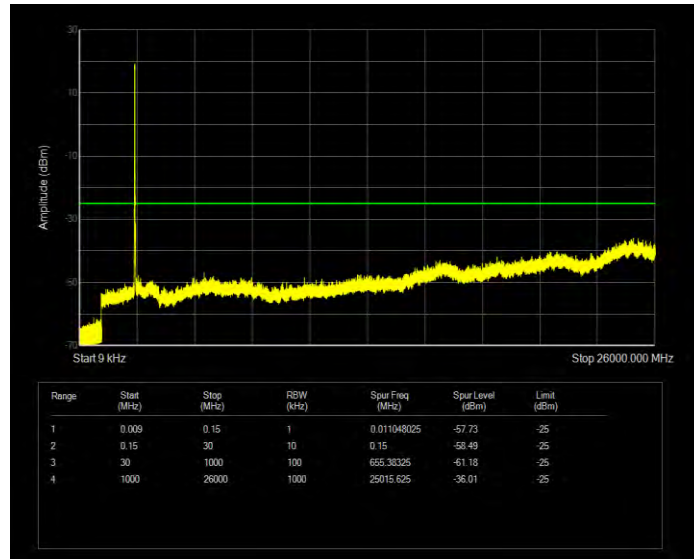
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



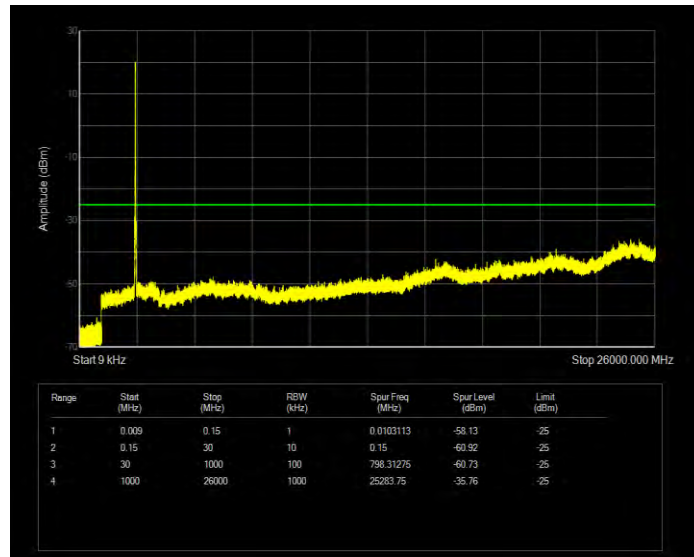
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



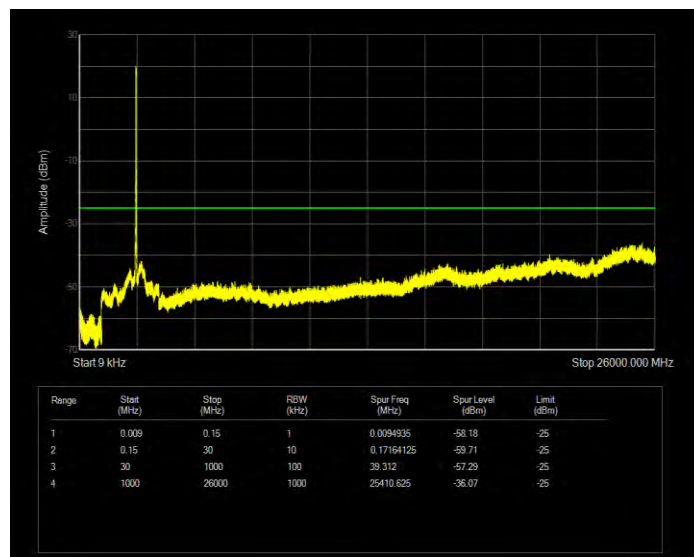
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



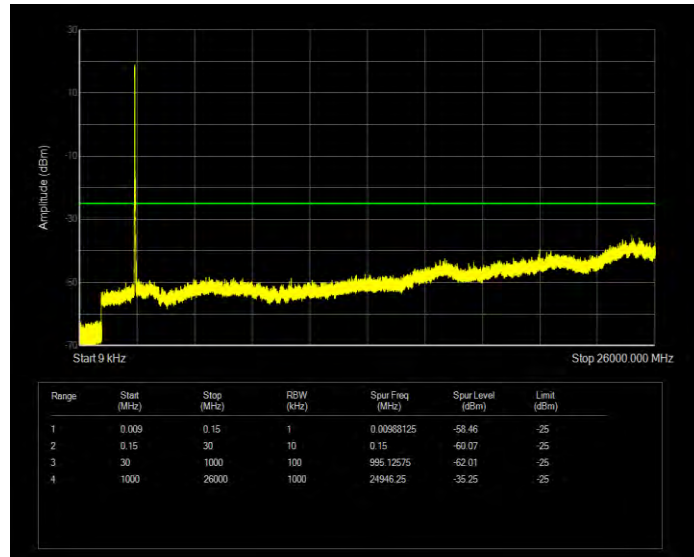
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



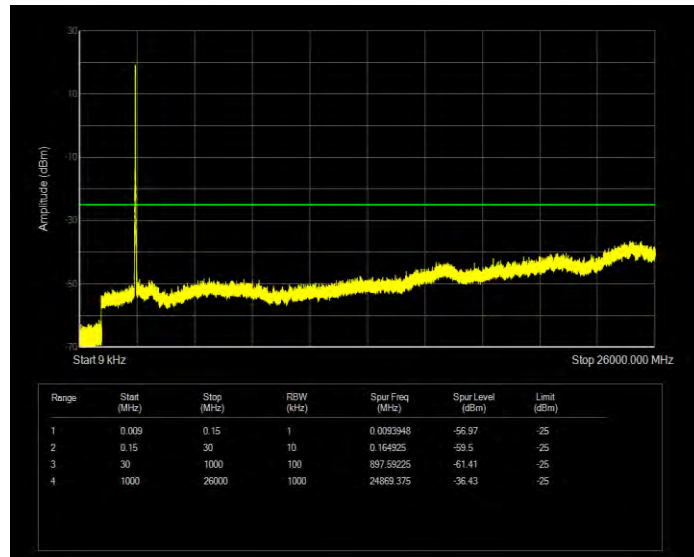
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



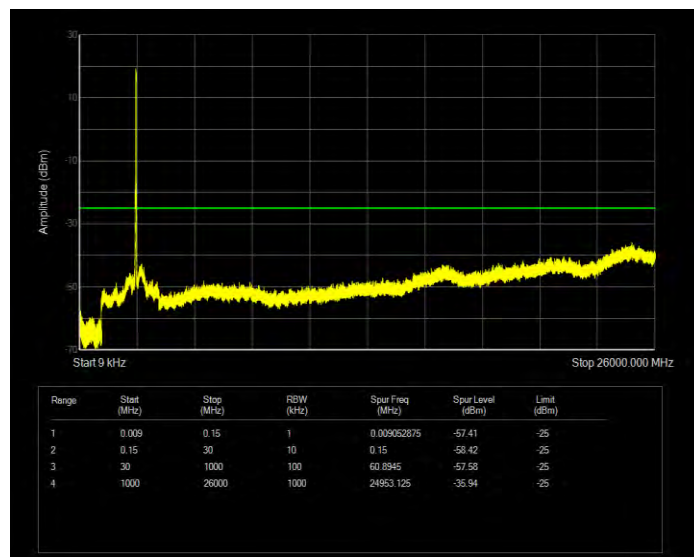
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



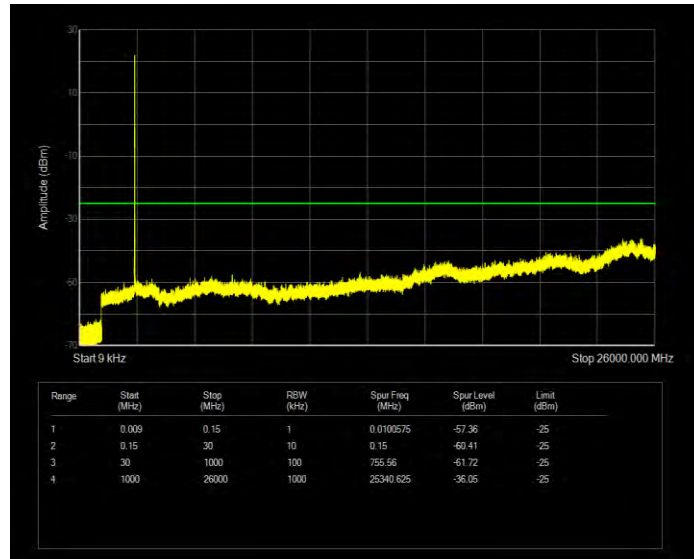
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



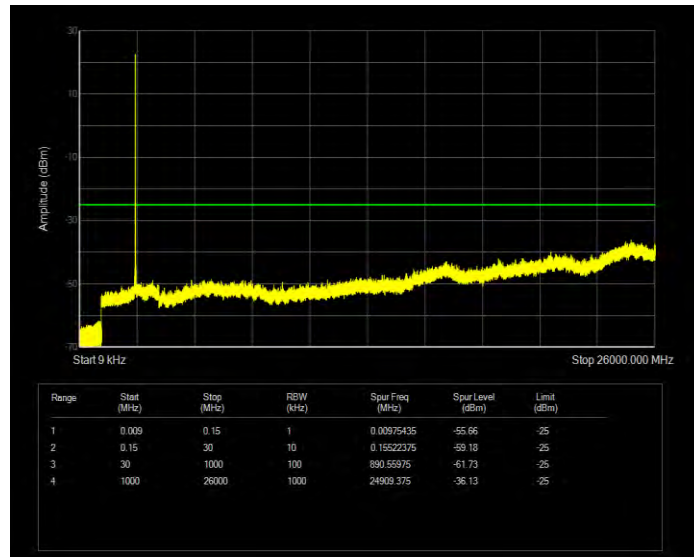
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



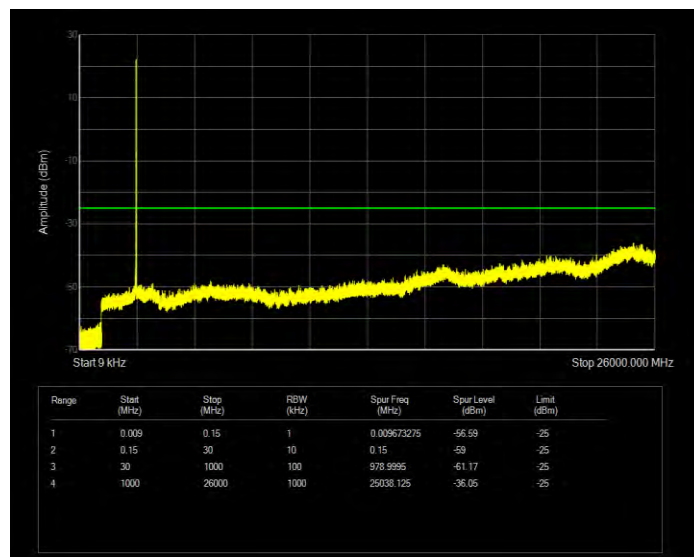
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



6. Frequency Stability

Test Result

Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	0.01264	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	0.04369	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	0.02302	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	0.02481	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	-0.01984	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	0.02029	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	0.04865	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	0.04596	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-0.01492	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	0.04451	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	0.02161	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	-0.00309	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	0.01046	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-0.01705	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	0.03309	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	-0.02118	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	0.00627	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	0.02616	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	0.03871	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-0.00025	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	0.03214	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	0.04073	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	0.02279	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	0.02869	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	0.02199	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-0.02712	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	0.00085	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	-0.01051	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	-0.02967	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	-0.04432	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	0.02072	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	0.04978	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	-0.01732	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	-0.02210	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	-0.04429	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	0.02787	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	0.04570	±2.5	PASS

Band7	15MHz	QPSK	20825	75RB#0	VN	NT	0.01148	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	0.03481	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-0.03900	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	-0.00746	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	0.04237	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	-0.03909	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	0.04676	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	-0.00759	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	0.00575	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	0.02164	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	0.02528	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	-0.01680	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	-0.00362	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	0.04485	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	-0.03192	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	-0.01609	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	-0.04139	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	-0.02924	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-0.02559	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	0.02329	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-0.01825	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	0.02823	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-0.04754	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-0.02734	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	0.04231	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-0.04728	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	-0.01407	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-0.00565	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	-0.03868	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	0.04083	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-0.02315	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-0.00250	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	0.03002	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	0.01853	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	-0.02934	±2.5	PASS

Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	-0.04905	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	-0.01991	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	0.03476	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	0.04786	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	-0.03224	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	0.01215	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	0.00285	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-0.03544	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	0.01115	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-0.03309	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	0.02781	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	0.04070	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	0.00836	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	0.04760	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	0.00783	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	0.02828	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	-0.01231	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	-0.03494	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	-0.01892	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	0.03592	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-0.04266	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-0.03146	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	0.03980	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	0.03263	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	0.04466	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	0.02316	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	-0.03511	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	-0.01741	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	0.00785	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	-0.03192	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-0.00213	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	0.02623	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-0.02385	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	0.01522	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	0.02764	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	0.00446	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-0.04254	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	0.03342	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	0.02573	±2.5	PASS

Band7	10MHz	QPSK	21100	50RB#0	NV	20	-0.03788	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-0.04473	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-0.01389	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-0.00778	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-0.02288	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	0.02858	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	0.04644	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	-0.00363	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	-0.01452	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	0.04480	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	0.02273	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	0.00683	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	0.03858	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	0.01821	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	0.04257	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	-0.04504	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	-0.03553	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	-0.01342	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	0.03646	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	0.01790	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	-0.02560	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	-0.03391	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-0.03269	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	0.00218	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	0.04820	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	-0.01798	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-0.02637	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	0.00386	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	0.00374	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-0.00139	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	0.02595	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	0.04980	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	-0.03072	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	-0.04507	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	0.00925	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	-0.03830	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	-0.01027	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	-0.00963	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	-0.00525	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	0.01114	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	-0.03424	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	-0.03191	±2.5	PASS

Band7	15MHz	16QAM	21100	75RB#0	NV	-20	-0.00173	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	0.03951	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	0.00587	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	0.02078	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	-0.04522	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	-0.02923	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	-0.00002	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	0.00000	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	-0.03759	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	0.04555	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	0.02587	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-0.00813	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	-0.00614	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-0.02544	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	0.03589	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	0.04665	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	0.02300	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	0.03139	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-0.01870	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	0.01242	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	0.04638	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-0.04893	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	0.01615	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-0.01969	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-0.03461	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	-0.02806	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	0.02087	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	0.01593	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	0.00956	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-0.01829	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	0.02617	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-0.03989	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	0.00843	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-0.04301	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	-0.01194	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-0.00579	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	0.01671	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	-0.03023	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	0.01483	±2.5	PASS