

LTE Band 5 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)	ERP (dBm)	ERP Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.44	-6.1	15.19	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.38	-6.1	15.13	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.91	-6.1	14.66	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.24	-6.1	14.99	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.57	-6.1	14.32	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.72	-6.1	14.47	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.80	-6.1	14.55	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.36	-6.1	15.11	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.89	-6.1	14.64	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.61	-6.1	14.36	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.53	-6.1	14.28	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.15	-6.1	14.90	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.13	-6.1	14.88	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.54	-6.1	14.29	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.19	-6.1	14.94	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.57	-6.1	14.32	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.41	-6.1	15.16	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.51	-6.1	14.26	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.04	-6.1	14.79	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.06	-6.1	14.81	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.34	-6.1	15.09	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.21	-6.1	14.96	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.62	-6.1	14.37	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.77	-6.1	14.52	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.45	-6.1	15.20	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.89	-6.1	14.64	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.16	-6.1	14.91	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	23.43	-6.1	15.18	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.52	-6.1	14.27	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.32	-6.1	15.07	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.60	-6.1	14.35	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.48	-6.1	15.23	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.38	-6.1	15.13	38.45	PASS

Band5	1.4MHz	16QAM	20525	3RB#3	22.63	-6.1	14.38	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.93	-6.1	14.68	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.21	-6.1	14.96	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.27	-6.1	15.02	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.99	-6.1	14.74	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.46	-6.1	15.21	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.50	-6.1	15.25	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.28	-6.1	15.03	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.95	-6.1	14.70	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.51	-6.1	14.26	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.34	-6.1	15.09	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.10	-6.1	14.85	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.82	-6.1	14.57	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.07	-6.1	14.82	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.77	-6.1	14.52	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.83	-6.1	14.58	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.14	-6.1	14.89	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.05	-6.1	14.80	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.71	-6.1	14.46	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.78	-6.1	14.53	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.88	-6.1	14.63	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.30	-6.1	15.05	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.50	-6.1	14.25	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.51	-6.1	14.26	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.76	-6.1	14.51	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.76	-6.1	14.51	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.51	-6.1	14.26	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.96	-6.1	14.71	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.62	-6.1	14.37	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.70	-6.1	14.45	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.71	-6.1	14.46	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.99	-6.1	14.74	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.48	-6.1	15.23	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	23.27	-6.1	15.02	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.86	-6.1	14.61	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	23.21	-6.1	14.96	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.68	-6.1	14.43	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.71	-6.1	14.46	38.45	PASS

Band5	3MHz	16QAM	20525	1RB#8	23.09	-6.1	14.84	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.86	-6.1	14.61	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.65	-6.1	14.40	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.92	-6.1	14.67	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	23.36	-6.1	15.11	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.81	-6.1	14.56	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.59	-6.1	14.34	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.61	-6.1	14.36	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.59	-6.1	14.34	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.70	-6.1	14.45	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.98	-6.1	14.73	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.65	-6.1	14.40	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	23.35	-6.1	15.10	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.58	-6.1	14.33	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.12	-6.1	14.87	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.08	-6.1	14.83	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.98	-6.1	14.73	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.87	-6.1	14.62	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.18	-6.1	14.93	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.49	-6.1	15.24	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.53	-6.1	14.28	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.89	-6.1	14.64	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.06	-6.1	14.81	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.67	-6.1	14.42	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.33	-6.1	15.08	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.50	-6.1	14.25	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.95	-6.1	14.70	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.65	-6.1	14.40	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.46	-6.1	15.21	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.25	-6.1	15.00	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.29	-6.1	15.04	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.83	-6.1	14.58	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.29	-6.1	15.04	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.41	-6.1	15.16	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.94	-6.1	14.69	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.70	-6.1	14.45	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.16	-6.1	14.91	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	23.23	-6.1	14.98	38.45	PASS

Band5	5MHz	16QAM	20425	12RB#6	22.74	-6.1	14.49	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.85	-6.1	14.60	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.63	-6.1	14.38	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.84	-6.1	14.59	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.09	-6.1	14.84	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.52	-6.1	14.27	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.54	-6.1	14.29	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	23.21	-6.1	14.96	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.55	-6.1	14.30	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.96	-6.1	14.71	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.40	-6.1	15.15	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.65	-6.1	14.40	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.81	-6.1	14.56	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.99	-6.1	14.74	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.60	-6.1	14.35	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	23.04	-6.1	14.79	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	23.29	-6.1	15.04	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.92	-6.1	14.67	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.41	-6.1	15.16	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.90	-6.1	14.65	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.27	-6.1	15.02	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.90	-6.1	14.65	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.11	-6.1	14.86	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.75	-6.1	14.50	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.88	-6.1	15.63	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.58	-6.1	14.33	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.23	-6.1	14.98	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.09	-6.1	14.84	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.45	-6.1	15.20	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.29	-6.1	15.04	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.17	-6.1	14.92	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.75	-6.1	14.50	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.44	-6.1	15.19	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.04	-6.1	14.79	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.42	-6.1	15.17	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.96	-6.1	14.71	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.43	-6.1	15.18	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.79	-6.1	14.54	38.45	PASS

Band5	10MHz	16QAM	20450	1RB#0	23.37	-6.1	15.12	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.20	-6.1	14.95	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.03	-6.1	14.78	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.88	-6.1	14.63	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	23.29	-6.1	15.04	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.80	-6.1	14.55	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	23.13	-6.1	14.88	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.75	-6.1	15.50	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.15	-6.1	14.90	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.91	-6.1	14.66	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	23.28	-6.1	15.03	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.59	-6.1	14.34	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.97	-6.1	14.72	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.60	-6.1	14.35	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.12	-6.1	14.87	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.09	-6.1	14.84	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.37	-6.1	15.12	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.90	-6.1	14.65	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	23.38	-6.1	15.13	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	23.18	-6.1	14.93	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.92	-6.1	14.67	38.45	PASS

ERP = Conducted Power + ANT Gain - 2.15

2. Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	6.41	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	6.06	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.14	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.70	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	6.47	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	6.02	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.61	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	7.20	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	6.20	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.71	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	6.88	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.92	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	6.25	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	6.82	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.62	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.79	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	6.55	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	6.26	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.53	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.87	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.81	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.45	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	7.35	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.69	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.82	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	6.65	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.35	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.75	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	6.30	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	6.18	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	7.23	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	7.01	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.75	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.34	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	6.84	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.43	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	6.73	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	6.53	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	6.55	13	PASS

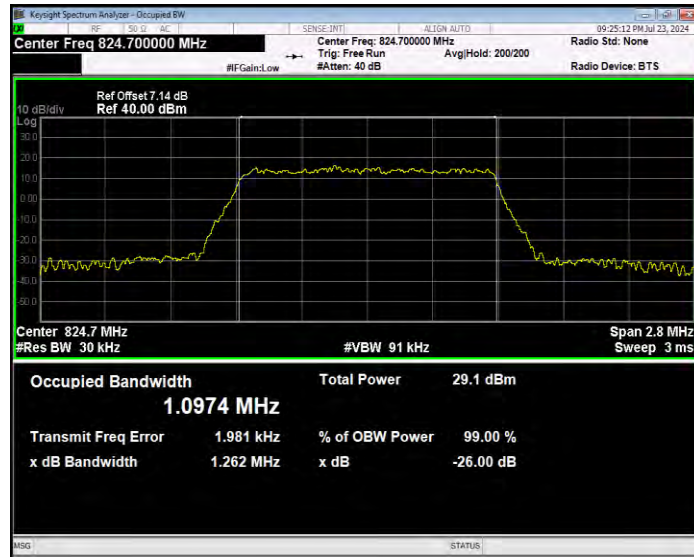
Band5	10MHz	QPSK	20525	50RB#0	6.03	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	6.89	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	6.75	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	6.78	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.89	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.13	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.75	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	6.86	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.60	13	PASS

3. 26dB Bandwidth and Occupied Bandwidth

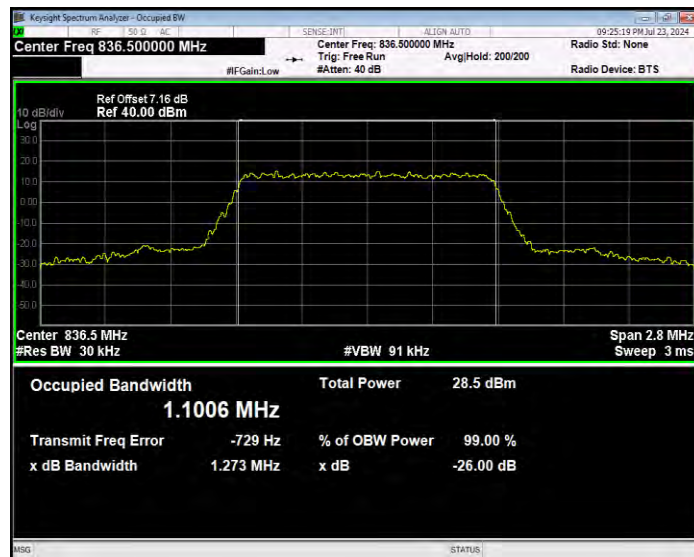
Test Result

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band5	1.4	20407	6	#0	QPSK	1.102	1.275	PASS
Band5	1.4	20407	6	#0	16QAM	1.097	1.262	PASS
Band5	1.4	20525	6	#0	QPSK	1.099	1.263	PASS
Band5	1.4	20525	6	#0	16QAM	1.101	1.273	PASS
Band5	1.4	20643	6	#0	QPSK	1.095	1.281	PASS
Band5	1.4	20643	6	#0	16QAM	1.091	1.267	PASS
Band5	3	20415	15	#0	QPSK	2.694	2.947	PASS
Band5	3	20415	15	#0	16QAM	2.684	2.961	PASS
Band5	3	20525	15	#0	QPSK	2.689	2.984	PASS
Band5	3	20525	15	#0	16QAM	2.676	2.959	PASS
Band5	3	20635	15	#0	QPSK	2.685	2.973	PASS
Band5	3	20635	15	#0	16QAM	2.688	2.962	PASS
Band5	5	20425	25	#0	QPSK	4.509	4.885	PASS
Band5	5	20425	25	#0	16QAM	4.507	4.945	PASS
Band5	5	20525	25	#0	QPSK	4.517	4.893	PASS
Band5	5	20525	25	#0	16QAM	4.521	4.913	PASS
Band5	5	20625	25	#0	QPSK	4.500	4.892	PASS
Band5	5	20625	25	#0	16QAM	4.506	4.882	PASS
Band5	10	20450	50	#0	QPSK	8.924	9.648	PASS
Band5	10	20450	50	#0	16QAM	8.943	9.670	PASS
Band5	10	20525	50	#0	QPSK	9.035	9.807	PASS
Band5	10	20525	50	#0	16QAM	9.043	9.691	PASS

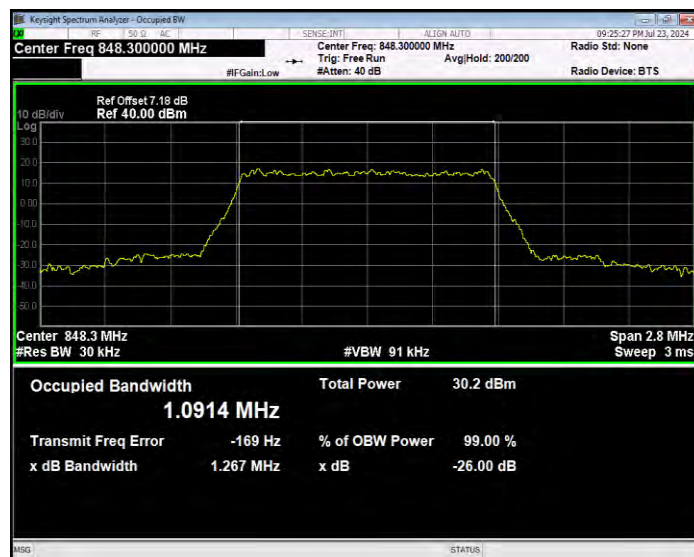
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



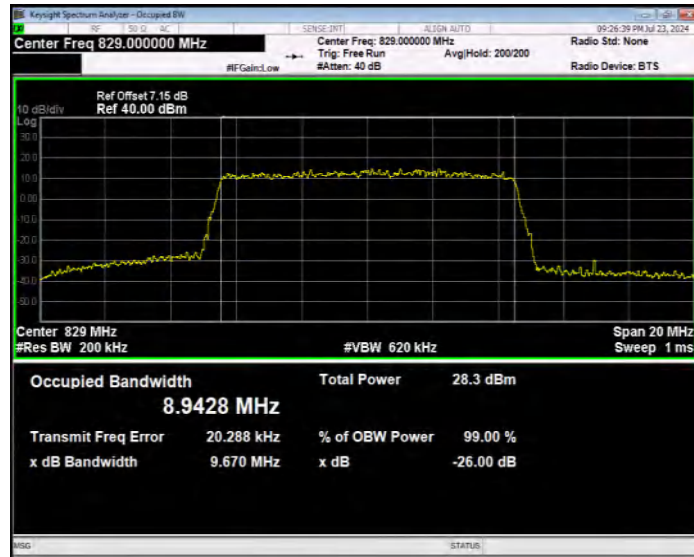
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



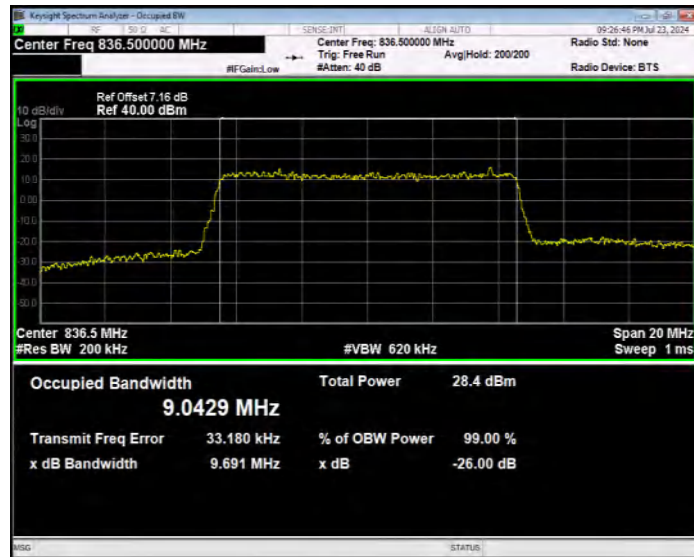
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



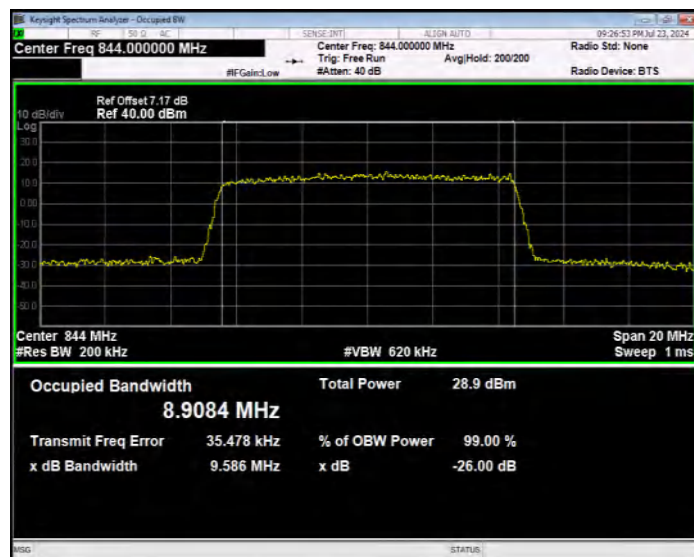
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



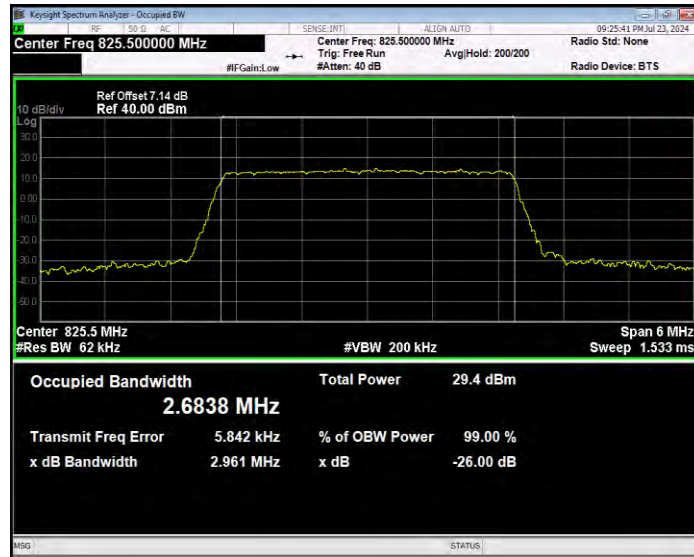
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



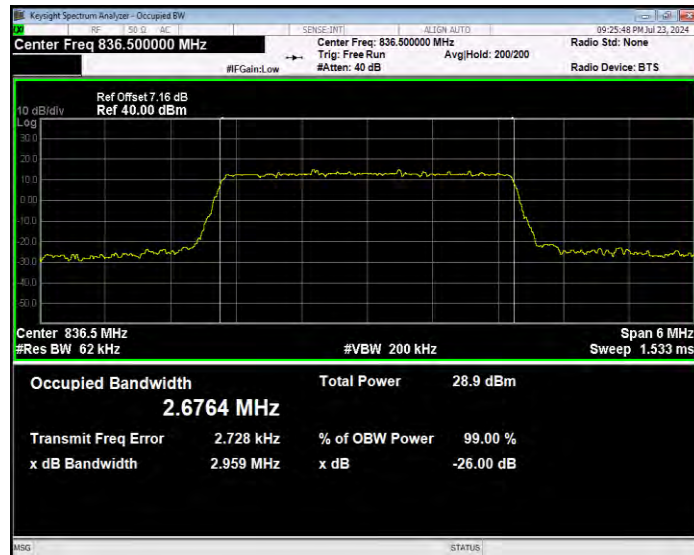
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



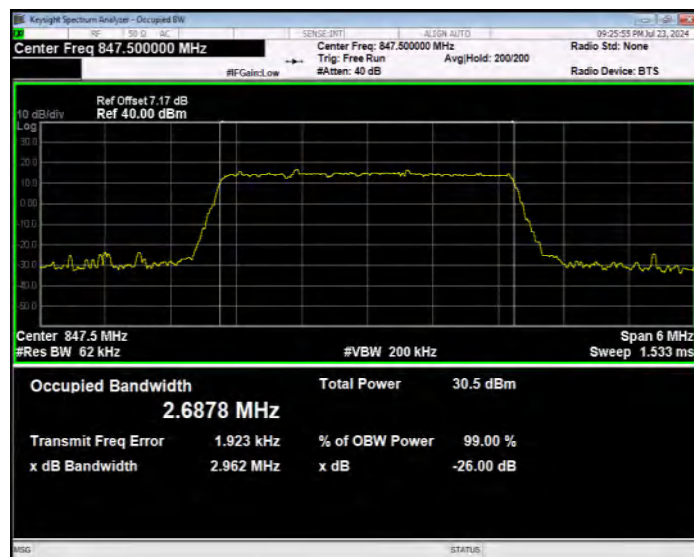
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



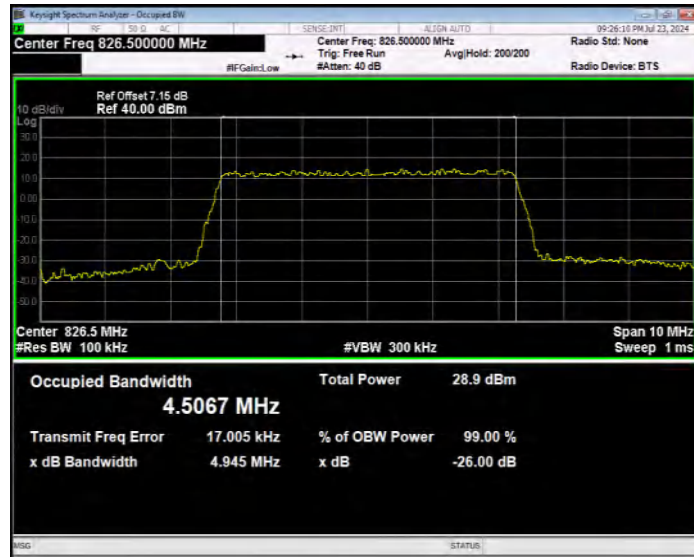
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



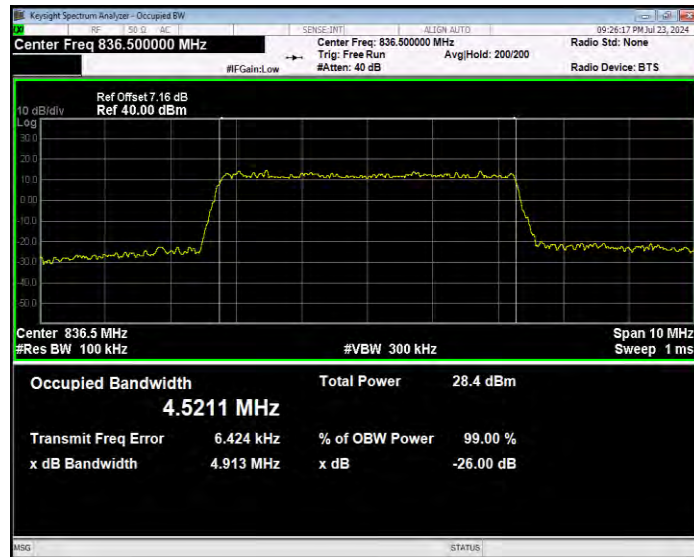
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



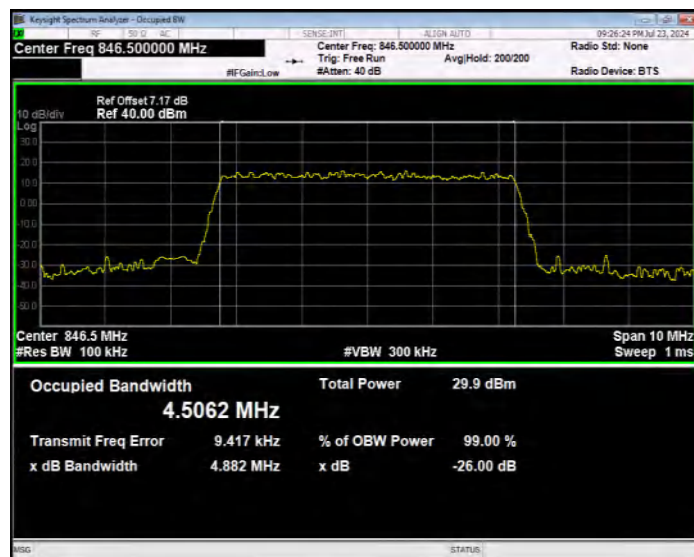
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



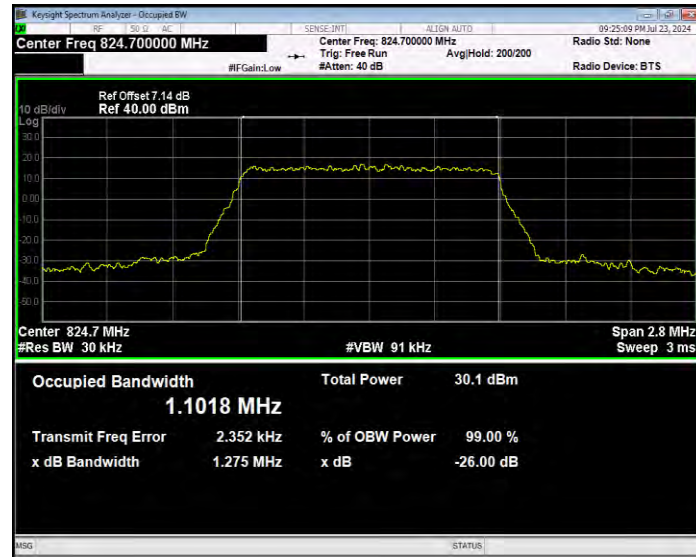
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



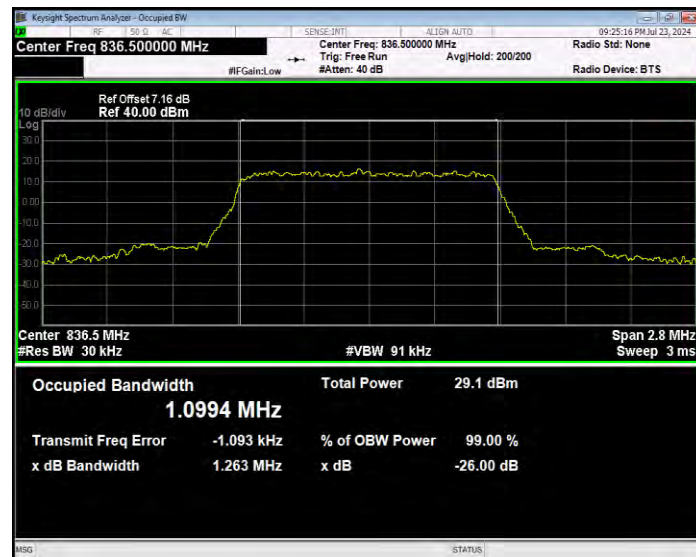
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



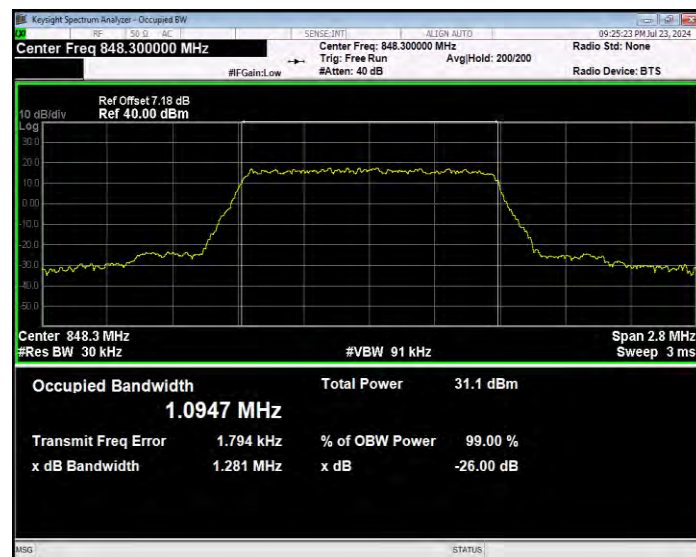
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



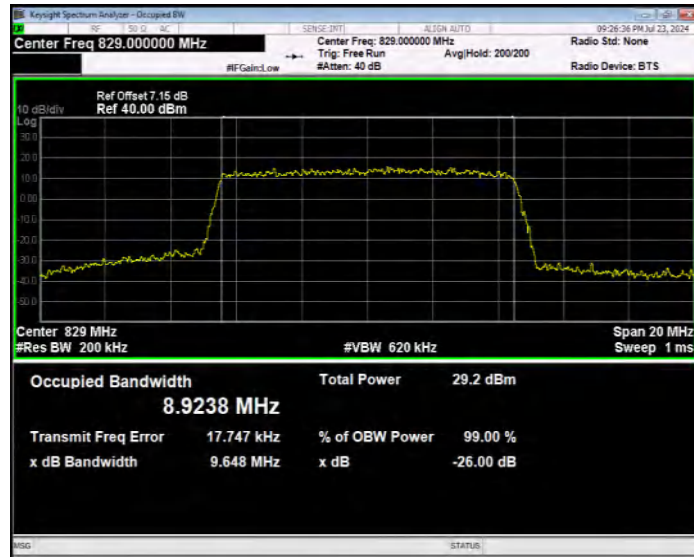
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



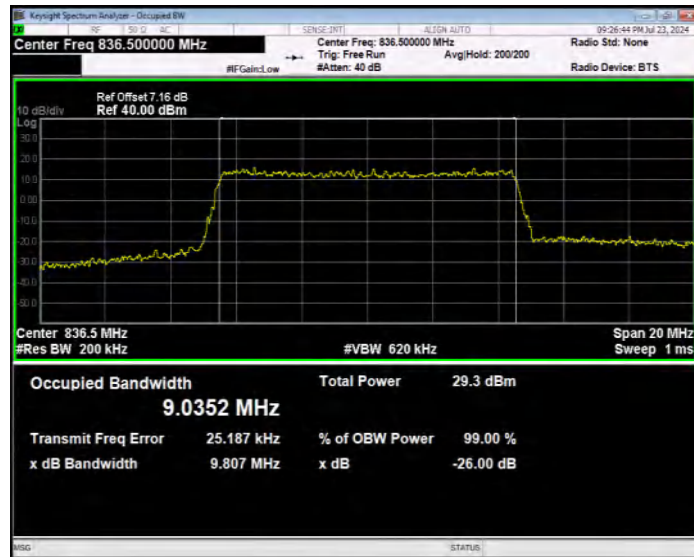
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



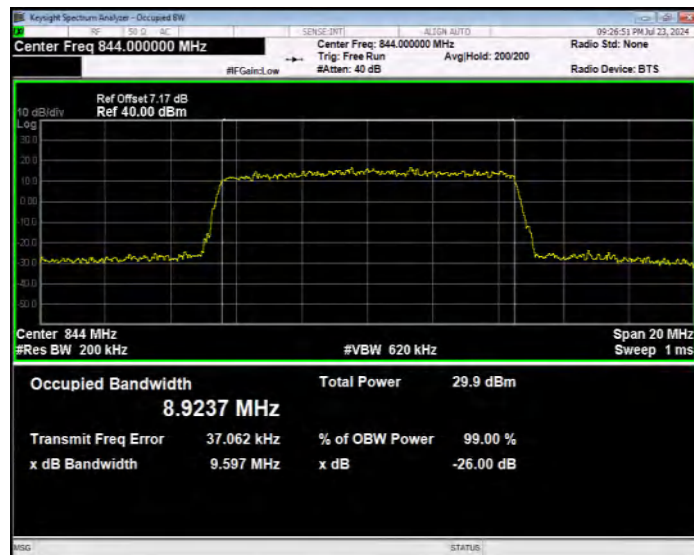
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



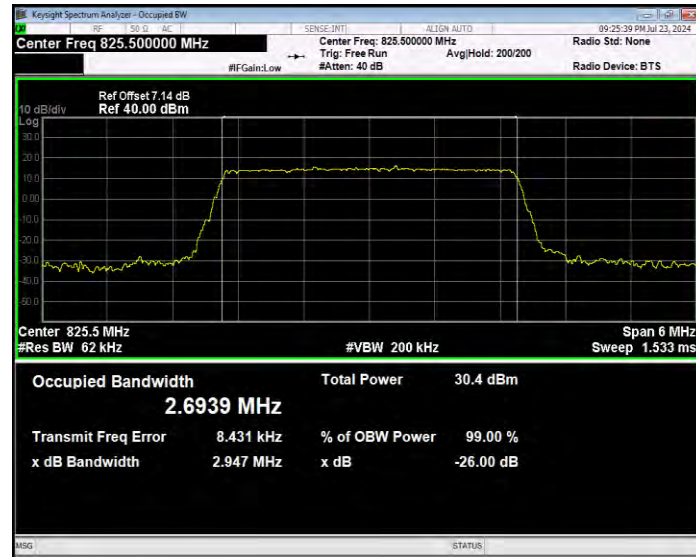
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



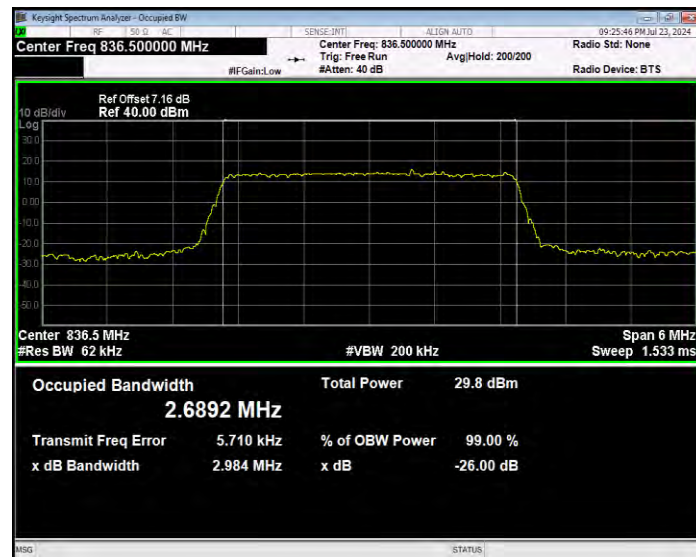
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



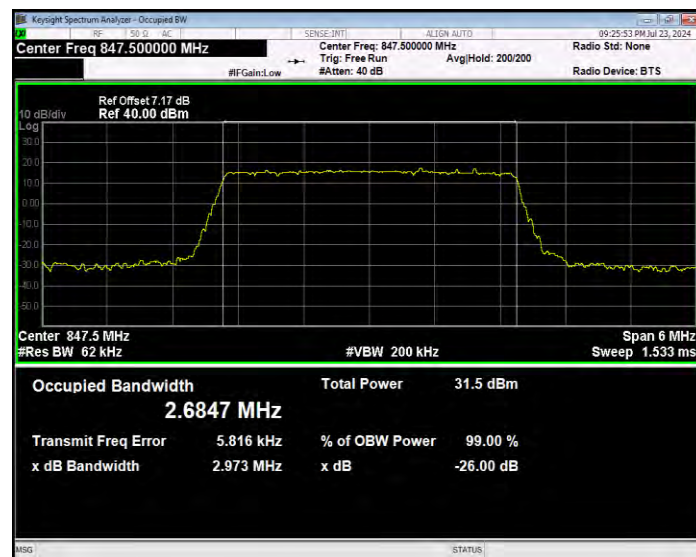
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



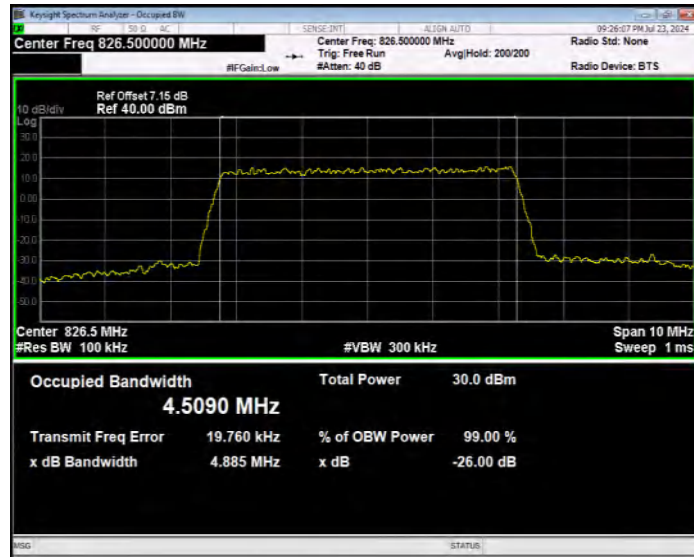
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



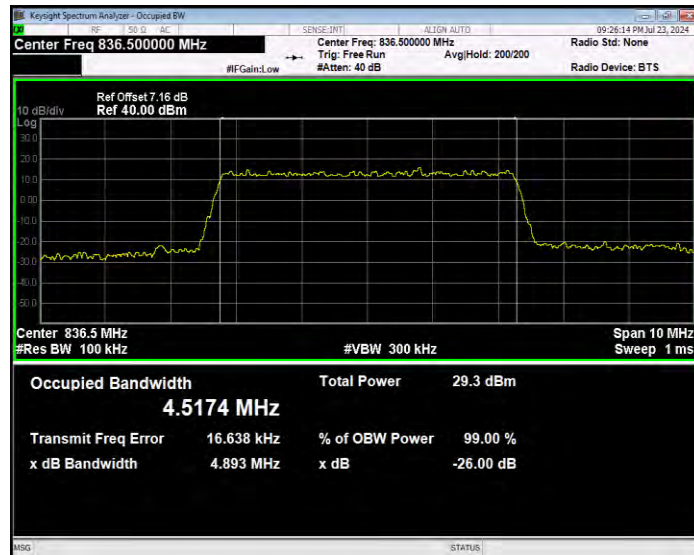
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



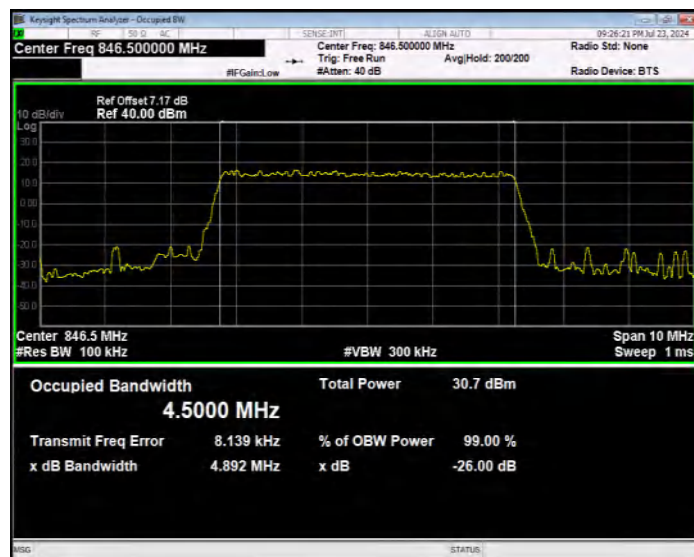
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0



4. Band Edge

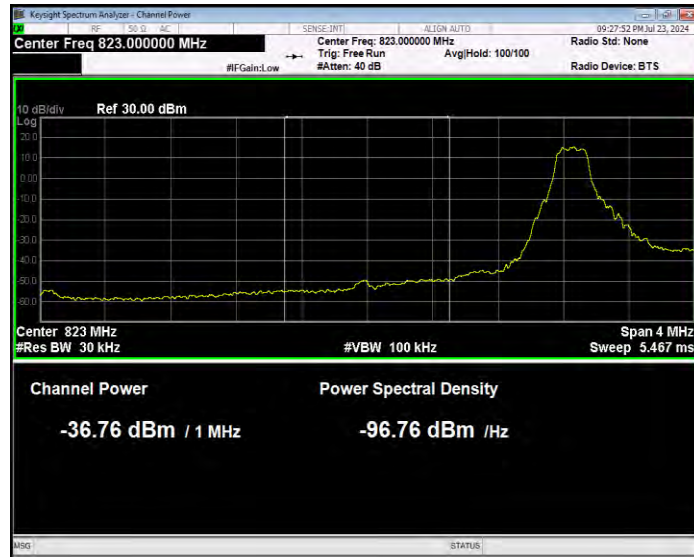
Test Result

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	824.00	-28.52	-13	PASS
Band5	1.4	20407	1	#0	QPSK	823.00	-36.87	-13	PASS
Band5	1.4	20407	1	#Max	QPSK	823.18	-47.53	-13	PASS
Band5	1.4	20407	1	#Max	QPSK	823.00	-36.54	-13	PASS
Band5	1.4	20407	6	#0	QPSK	823.99	-37.19	-13	PASS
Band5	1.4	20407	6	#0	QPSK	823.00	-30.36	-13	PASS
Band5	1.4	20407	1	#0	16QAM	824.00	-30.35	-13	PASS
Band5	1.4	20407	1	#0	16QAM	823.00	-36.76	-13	PASS
Band5	1.4	20407	1	#Max	16QAM	824.00	-48.53	-13	PASS
Band5	1.4	20407	1	#Max	16QAM	823.00	-36.45	-13	PASS
Band5	1.4	20407	6	#0	16QAM	823.99	-37.90	-13	PASS
Band5	1.4	20407	6	#0	16QAM	823.00	-32.04	-13	PASS
Band5	1.4	20643	1	#0	QPSK	849.81	-46.72	-13	PASS
Band5	1.4	20643	1	#0	QPSK	850.00	-35.01	-13	PASS
Band5	1.4	20643	1	#Max	QPSK	849.00	-28.75	-13	PASS
Band5	1.4	20643	1	#Max	QPSK	850.00	-35.41	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.00	-35.14	-13	PASS
Band5	1.4	20643	6	#0	QPSK	850.00	-28.57	-13	PASS
Band5	1.4	20643	1	#0	16QAM	849.81	-47.24	-13	PASS
Band5	1.4	20643	1	#0	16QAM	850.00	-35.33	-13	PASS
Band5	1.4	20643	1	#Max	16QAM	849.00	-29.24	-13	PASS
Band5	1.4	20643	1	#Max	16QAM	850.00	-35.95	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.00	-35.16	-13	PASS
Band5	1.4	20643	6	#0	16QAM	850.00	-30.19	-13	PASS
Band5	3	20415	1	#0	QPSK	824.00	-16.99	-13	PASS
Band5	3	20415	1	#0	QPSK	823.00	-37.09	-13	PASS
Band5	3	20415	1	#Max	QPSK	822.97	-41.64	-13	PASS
Band5	3	20415	1	#Max	QPSK	823.00	-34.51	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-30.59	-13	PASS
Band5	3	20415	15	#0	QPSK	823.00	-30.02	-13	PASS
Band5	3	20415	1	#0	16QAM	823.99	-19.43	-13	PASS
Band5	3	20415	1	#0	16QAM	823.00	-37.37	-13	PASS
Band5	3	20415	1	#Max	16QAM	822.94	-42.71	-13	PASS
Band5	3	20415	1	#Max	16QAM	823.00	-34.93	-13	PASS
Band5	3	20415	15	#0	16QAM	823.99	-31.87	-13	PASS
Band5	3	20415	15	#0	16QAM	823.00	-29.92	-13	PASS
Band5	3	20635	1	#0	QPSK	850.04	-40.40	-13	PASS
Band5	3	20635	1	#0	QPSK	850.00	-32.90	-13	PASS
Band5	3	20635	1	#Max	QPSK	849.01	-17.91	-13	PASS

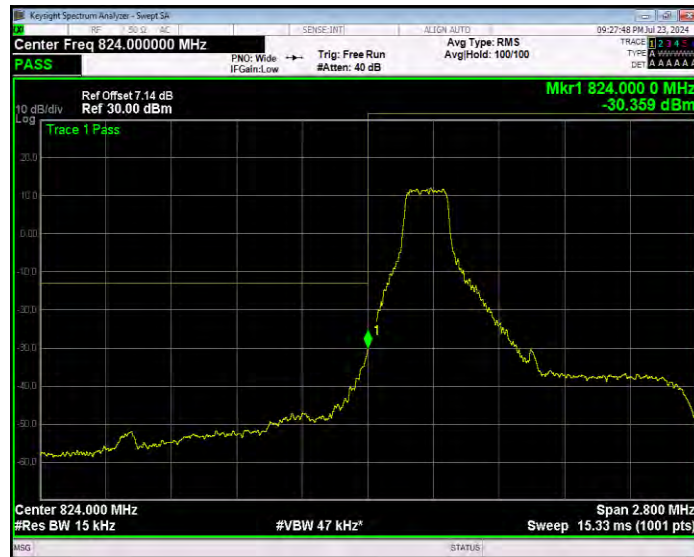
Band5	3	20635	1	#Max	QPSK	850.00	-35.53	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-28.24	-13	PASS
Band5	3	20635	15	#0	QPSK	850.00	-27.35	-13	PASS
Band5	3	20635	1	#0	16QAM	850.01	-40.83	-13	PASS
Band5	3	20635	1	#0	16QAM	850.00	-33.61	-13	PASS
Band5	3	20635	1	#Max	16QAM	849.01	-18.98	-13	PASS
Band5	3	20635	1	#Max	16QAM	850.00	-35.90	-13	PASS
Band5	3	20635	15	#0	16QAM	849.01	-30.64	-13	PASS
Band5	3	20635	15	#0	16QAM	850.00	-27.73	-13	PASS
Band5	5	20425	1	#0	QPSK	824.00	-25.12	-13	PASS
Band5	5	20425	1	#0	QPSK	823.00	-38.58	-13	PASS
Band5	5	20425	1	#Max	QPSK	821.01	-45.39	-13	PASS
Band5	5	20425	1	#Max	QPSK	823.00	-40.74	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-36.27	-13	PASS
Band5	5	20425	25	#0	QPSK	823.00	-32.36	-13	PASS
Band5	5	20425	1	#0	16QAM	824.00	-25.04	-13	PASS
Band5	5	20425	1	#0	16QAM	823.00	-38.90	-13	PASS
Band5	5	20425	1	#Max	16QAM	821.01	-45.91	-13	PASS
Band5	5	20425	1	#Max	16QAM	823.00	-40.88	-13	PASS
Band5	5	20425	25	#0	16QAM	824.00	-38.42	-13	PASS
Band5	5	20425	25	#0	16QAM	823.00	-32.33	-13	PASS
Band5	5	20625	1	#0	QPSK	852.02	-40.42	-13	PASS
Band5	5	20625	1	#0	QPSK	850.00	-39.41	-13	PASS
Band5	5	20625	1	#Max	QPSK	849.00	-22.12	-13	PASS
Band5	5	20625	1	#Max	QPSK	850.00	-37.31	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-34.39	-13	PASS
Band5	5	20625	25	#0	QPSK	850.00	-30.90	-13	PASS
Band5	5	20625	1	#0	16QAM	852.00	-41.51	-13	PASS
Band5	5	20625	1	#0	16QAM	850.00	-39.44	-13	PASS
Band5	5	20625	1	#Max	16QAM	849.00	-20.69	-13	PASS
Band5	5	20625	1	#Max	16QAM	850.00	-37.46	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-35.70	-13	PASS
Band5	5	20625	25	#0	16QAM	850.00	-31.64	-13	PASS
Band5	10	20450	1	#0	QPSK	824.00	-28.67	-13	PASS
Band5	10	20450	1	#0	QPSK	823.00	-40.30	-13	PASS
Band5	10	20450	1	#Max	QPSK	824.00	-44.17	-13	PASS
Band5	10	20450	1	#Max	QPSK	823.00	-42.12	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-36.50	-13	PASS
Band5	10	20450	50	#0	QPSK	823.00	-28.41	-13	PASS
Band5	10	20450	1	#0	16QAM	824.00	-27.79	-13	PASS
Band5	10	20450	1	#0	16QAM	823.00	-40.74	-13	PASS
Band5	10	20450	1	#Max	16QAM	824.00	-44.67	-13	PASS
Band5	10	20450	1	#Max	16QAM	823.00	-42.20	-13	PASS
Band5	10	20450	50	#0	16QAM	823.32	-38.54	-13	PASS

Band5	10	20450	50	#0	16QAM	823.00	-30.05	-13	PASS
Band5	10	20600	1	#0	QPSK	854.98	-36.21	-13	PASS
Band5	10	20600	1	#0	QPSK	850.00	-40.29	-13	PASS
Band5	10	20600	1	#Max	QPSK	849.00	-24.24	-13	PASS
Band5	10	20600	1	#Max	QPSK	850.00	-38.99	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-36.04	-13	PASS
Band5	10	20600	50	#0	QPSK	850.00	-28.84	-13	PASS
Band5	10	20600	1	#0	16QAM	854.96	-36.67	-13	PASS
Band5	10	20600	1	#0	16QAM	850.00	-40.53	-13	PASS
Band5	10	20600	1	#Max	16QAM	849.00	-24.43	-13	PASS
Band5	10	20600	1	#Max	16QAM	850.00	-39.40	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-37.15	-13	PASS
Band5	10	20600	50	#0	16QAM	850.00	-30.18	-13	PASS

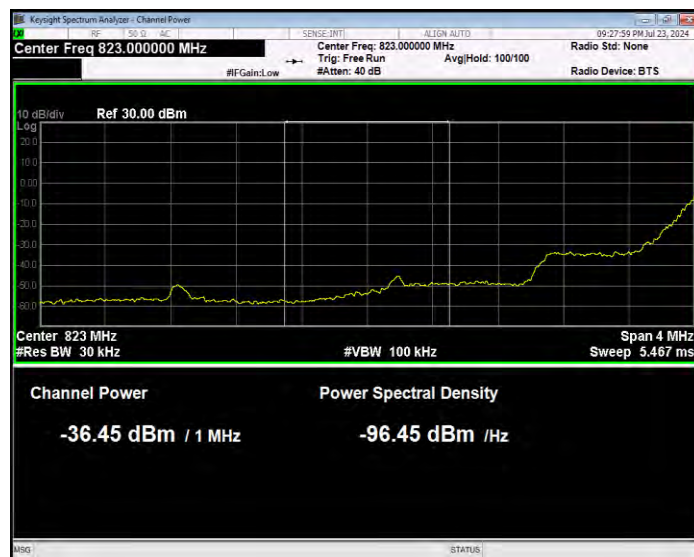
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0 Extended



Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0 Normal



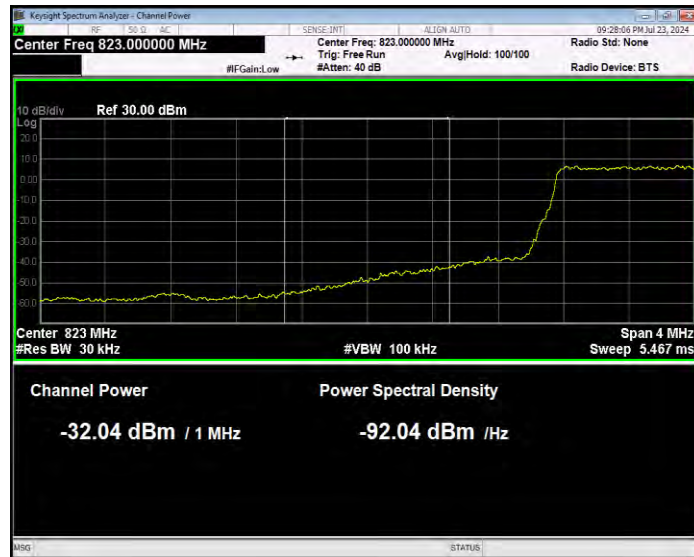
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#Max Extended



Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#Max Normal



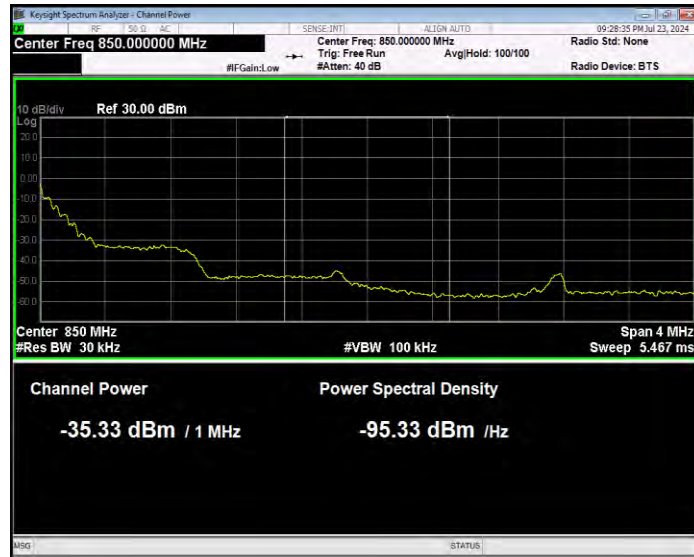
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 Extended



Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 Normal



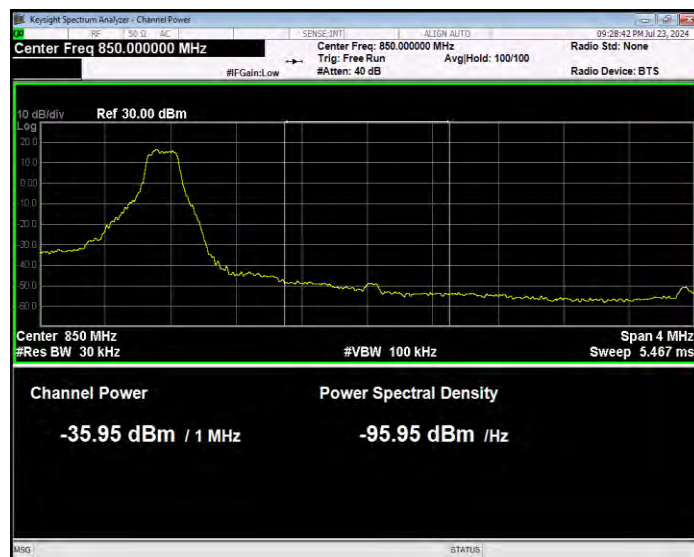
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0 Extended



Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0 Normal



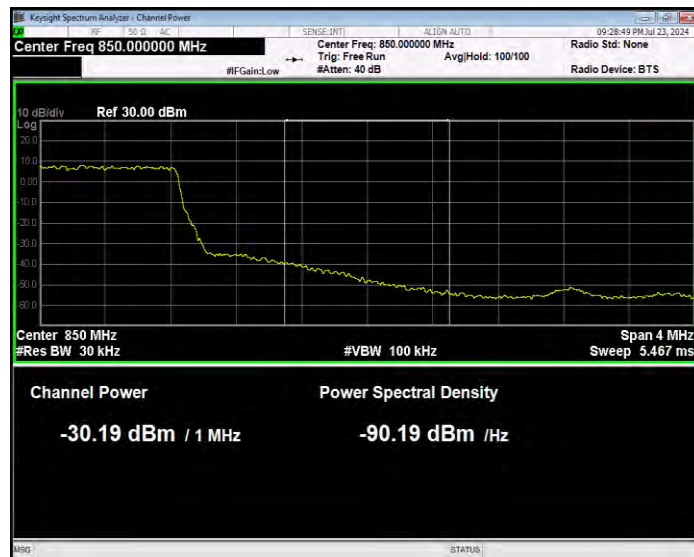
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#Max Extended



Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#Max Normal



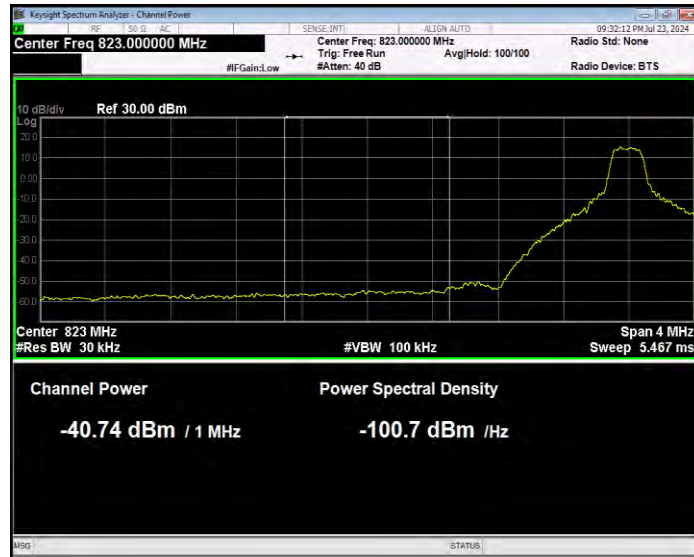
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 Extended



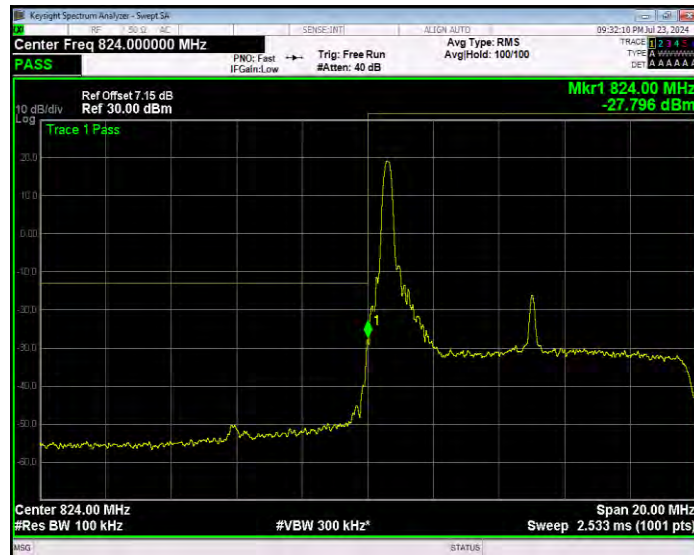
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 Normal



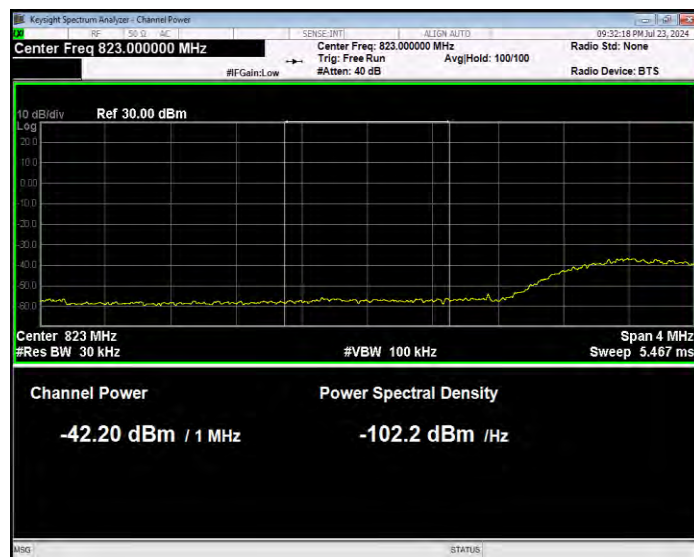
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0 Extended



Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0 Normal



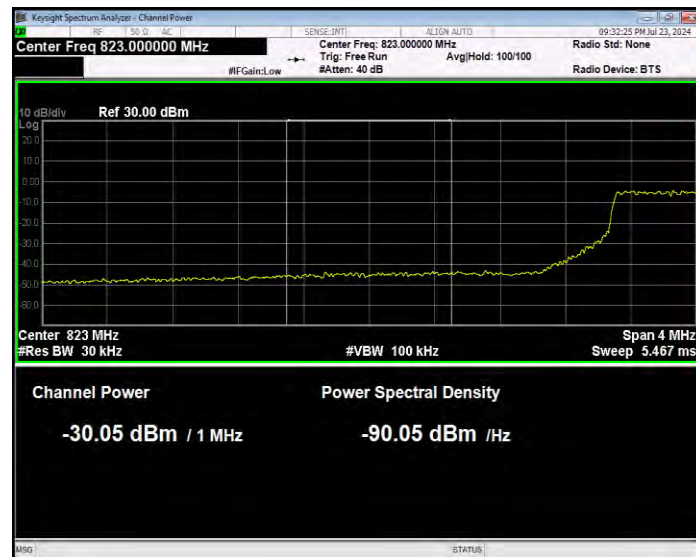
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#Max Extended



Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#Max Normal



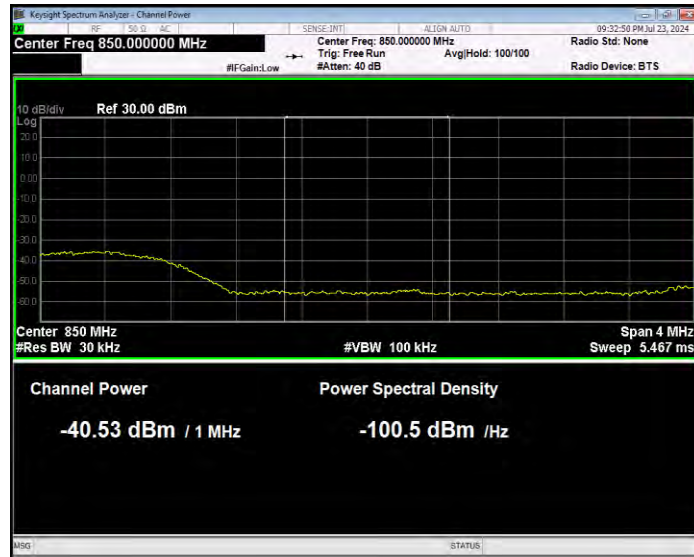
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0 Extended



Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0 Normal



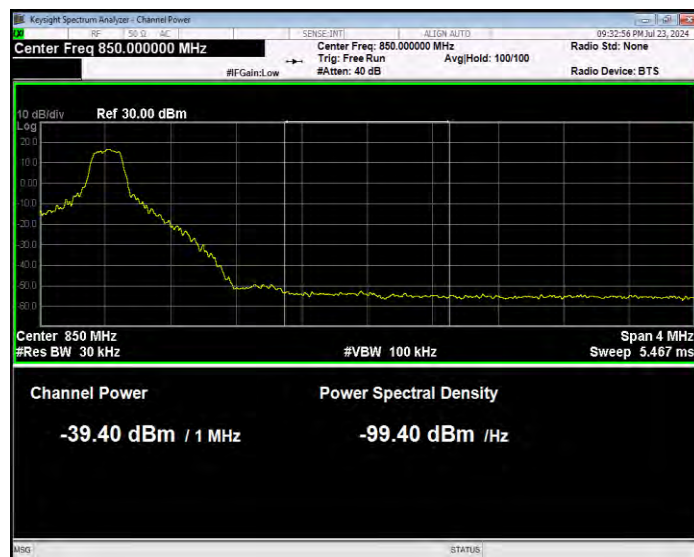
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0 Extended



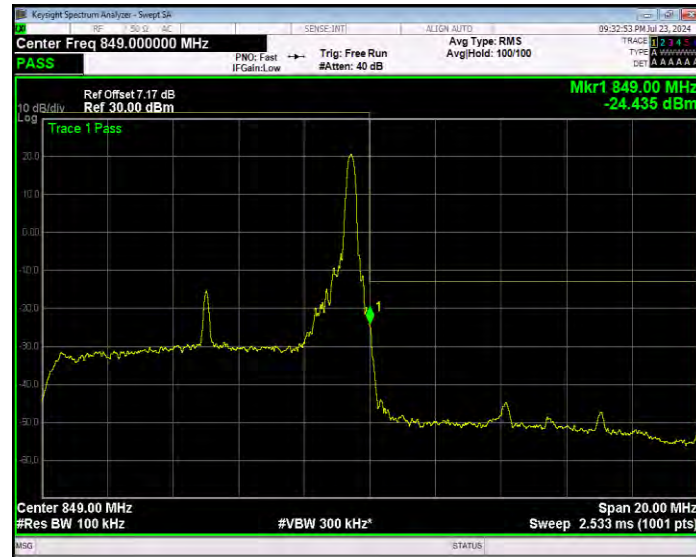
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0 Normal



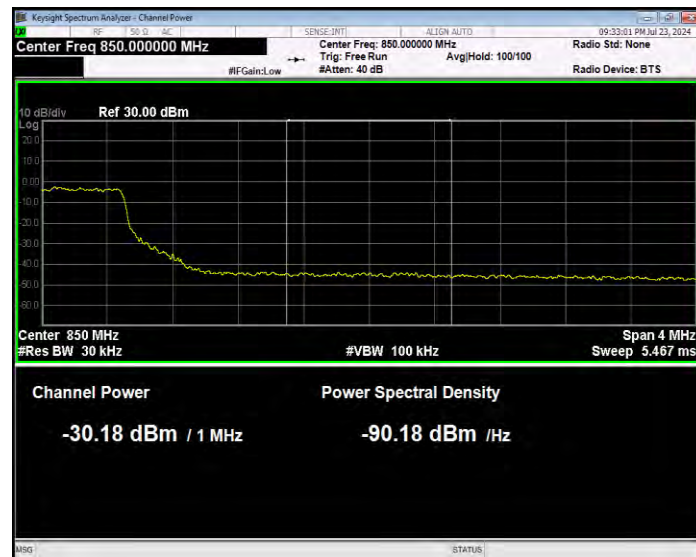
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#Max Extended



Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#Max Normal



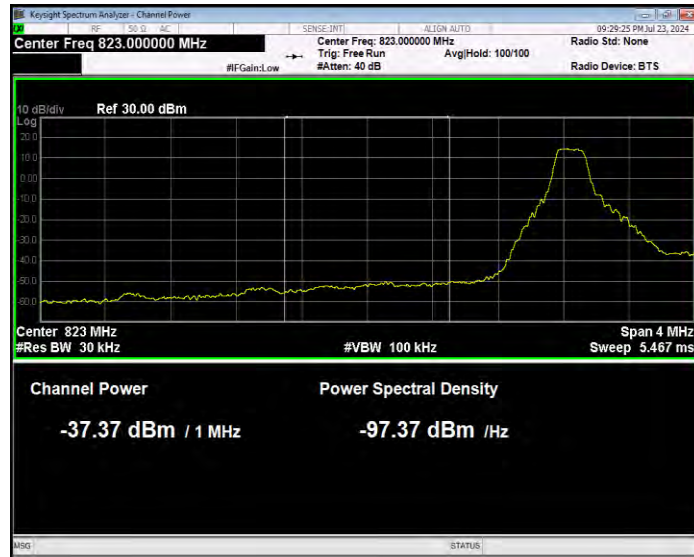
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0 Extended



Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0 Normal



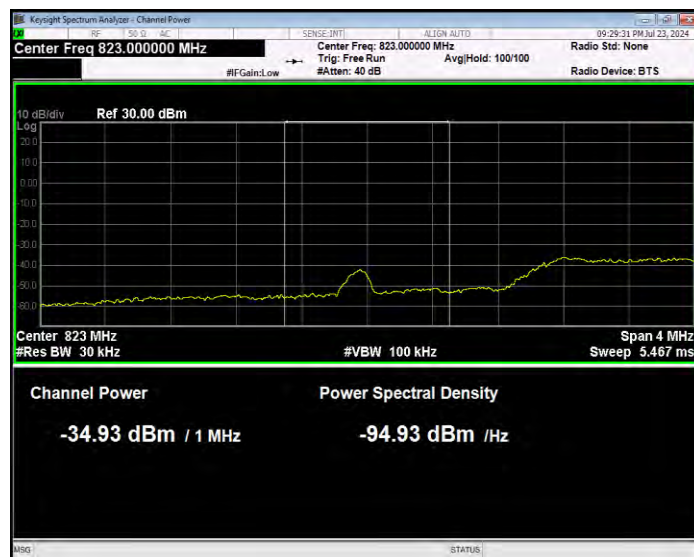
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0 Extended



Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0 Normal



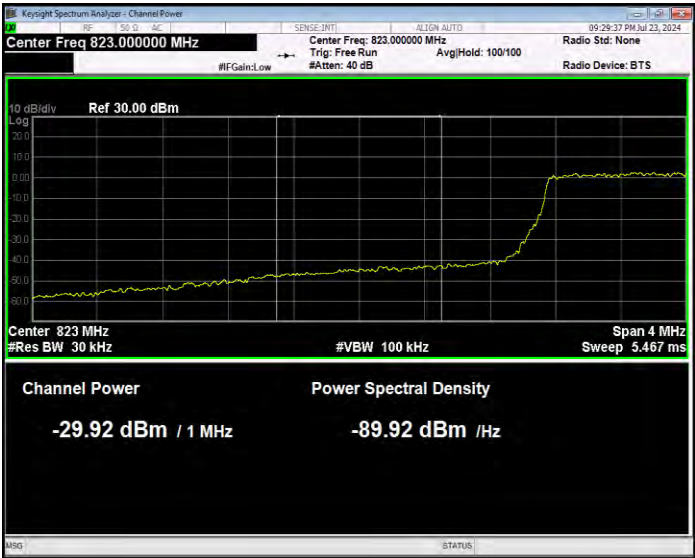
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#Max Extended



Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#Max Normal



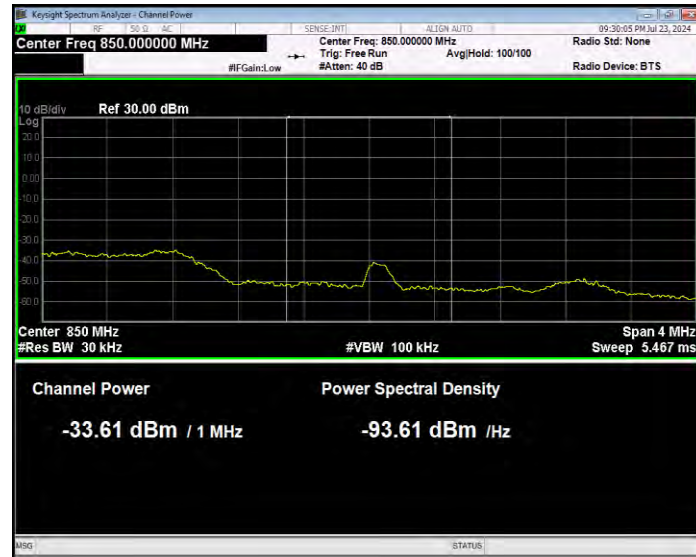
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 Extended



Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 Normal



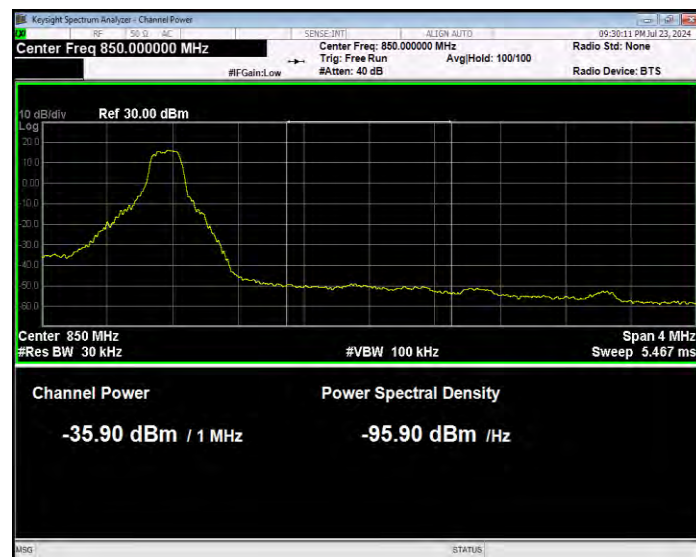
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0 Extended



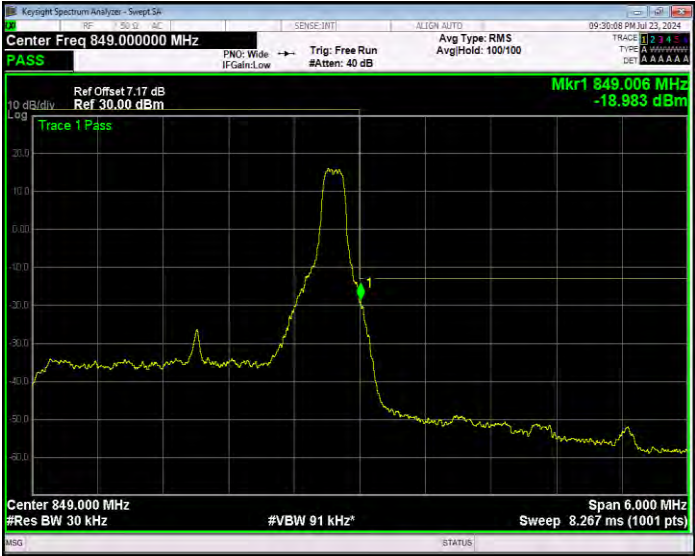
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0 Normal



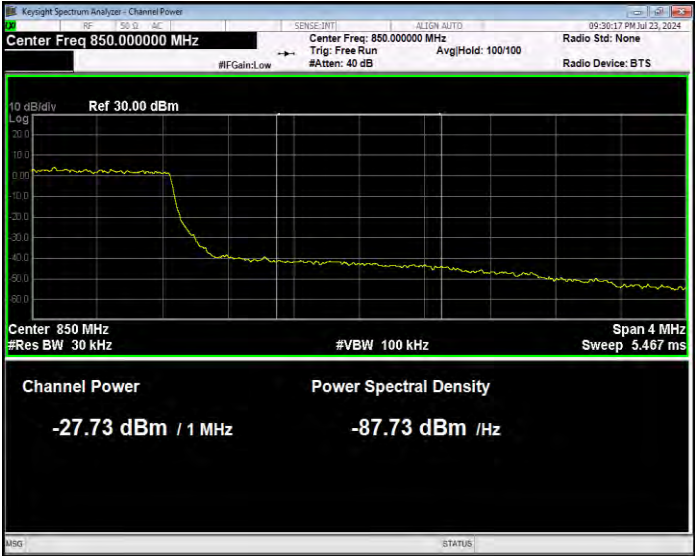
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#Max Extended



Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#Max Normal



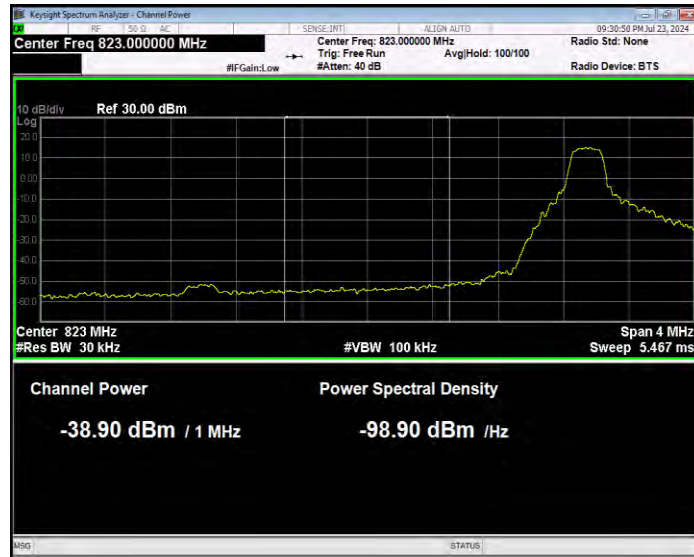
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0 Extended



Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0 Normal



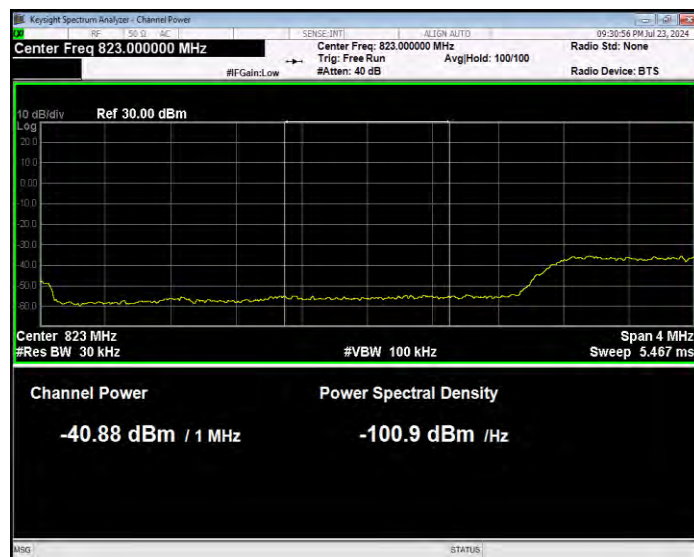
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0 Extended



Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0 Normal



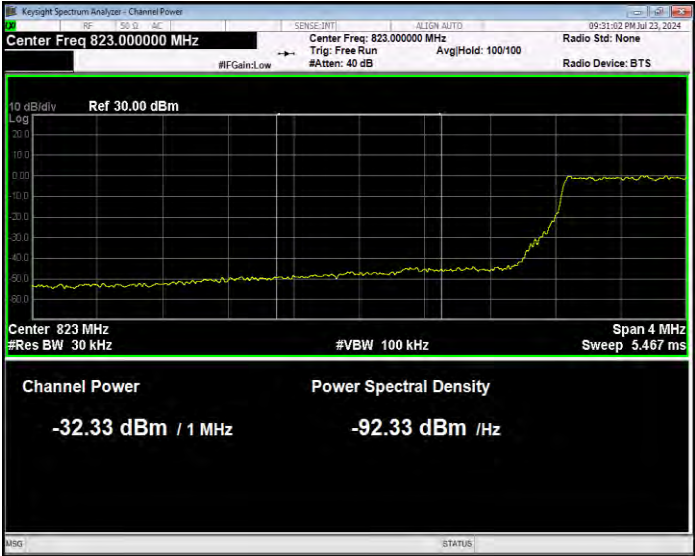
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#Max Extended



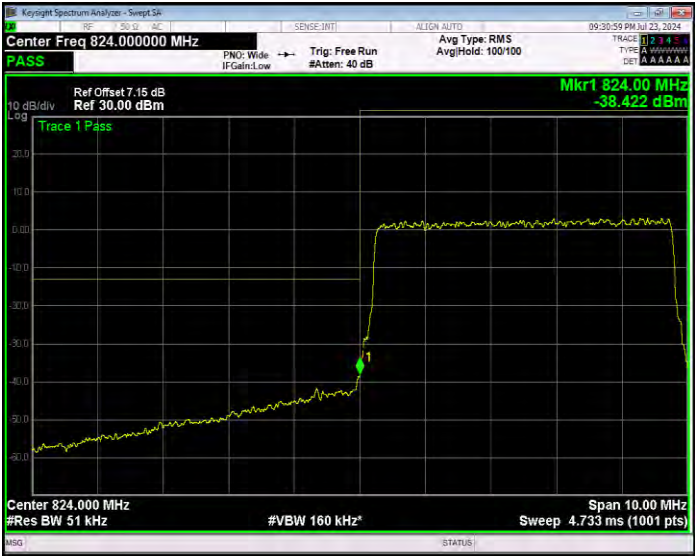
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#Max Normal



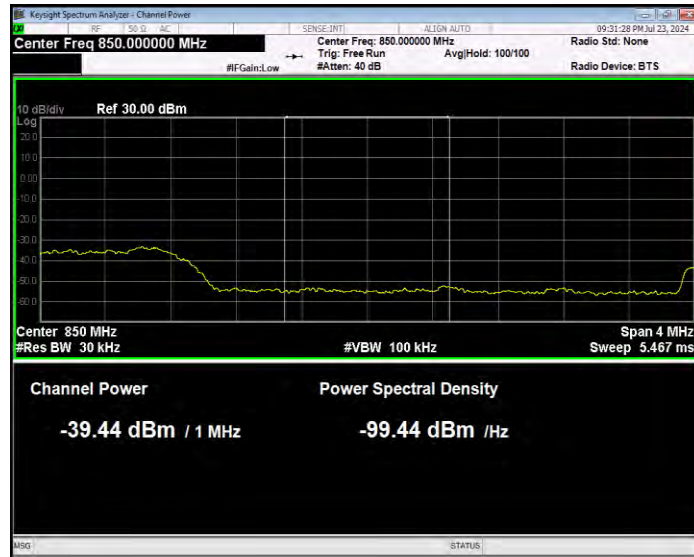
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 Extended



Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 Normal



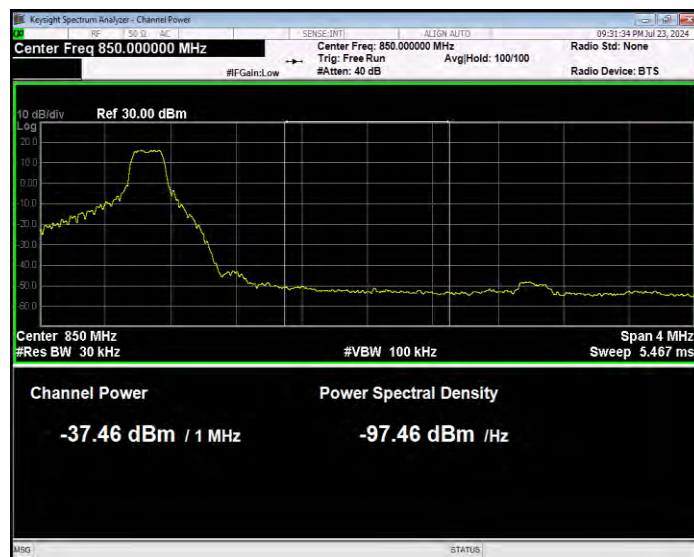
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0 Extended



Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0 Normal



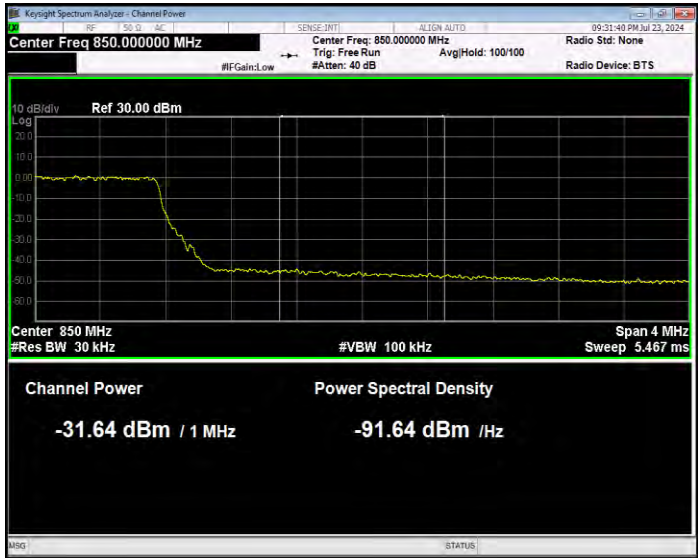
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#Max Extended



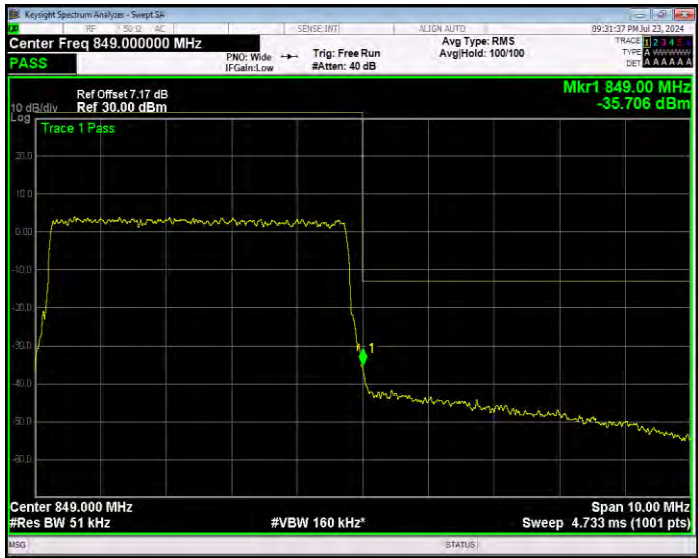
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#Max Normal



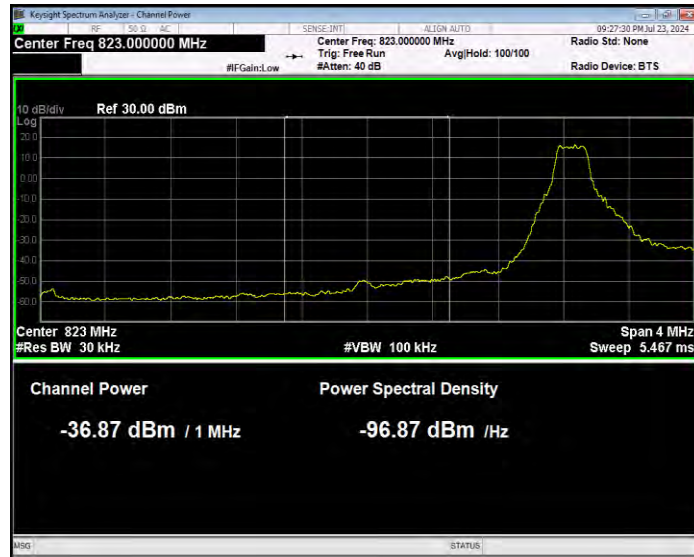
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0 Extended



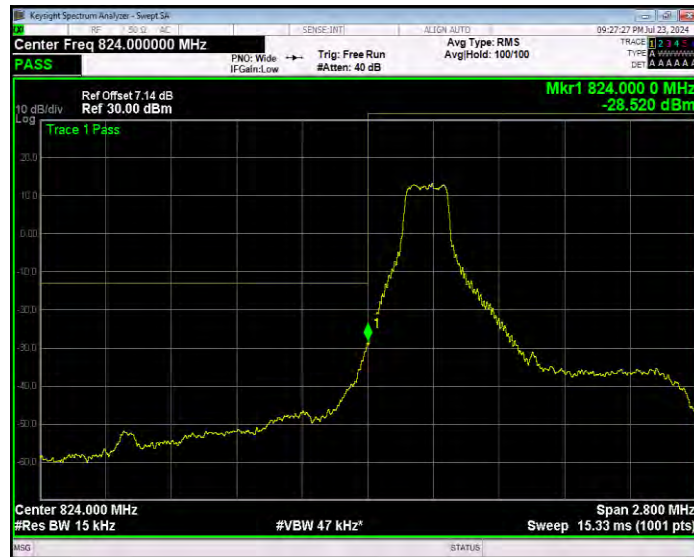
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0 Normal



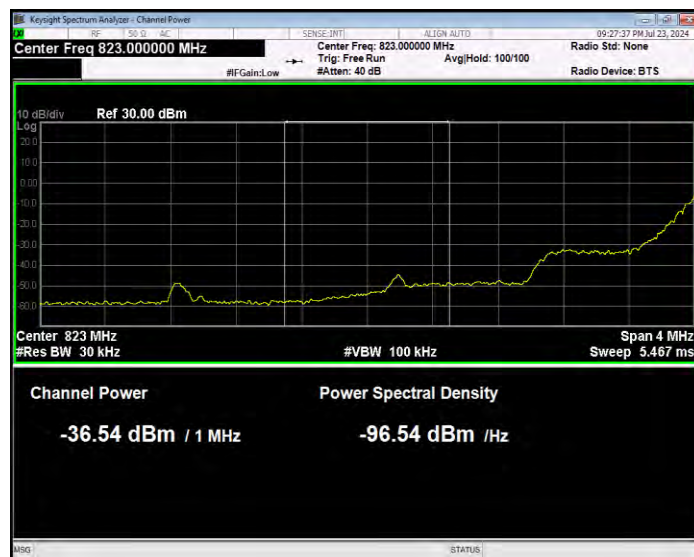
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0 Extended



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0 Normal



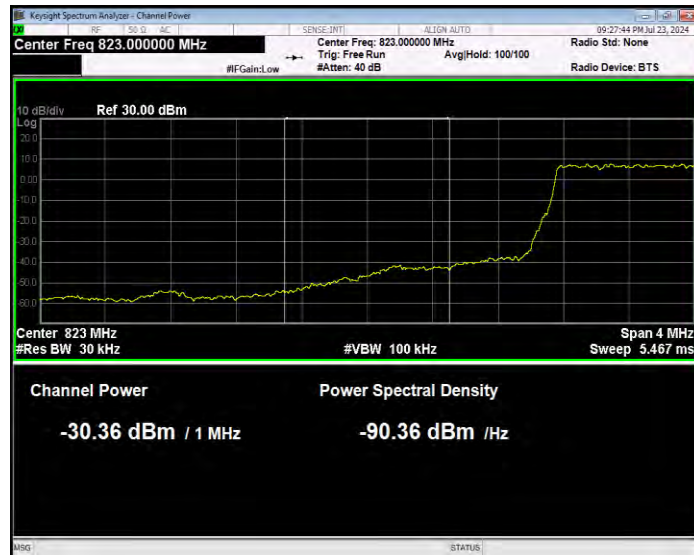
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#Max Extended



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#Max Normal



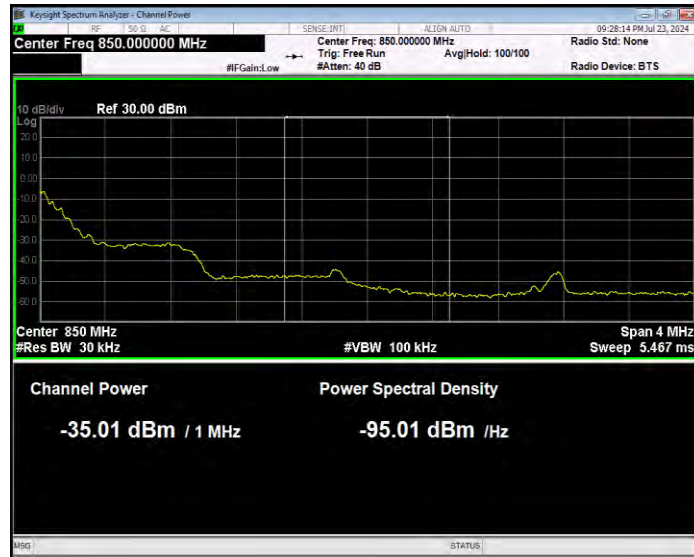
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 Extended



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 Normal



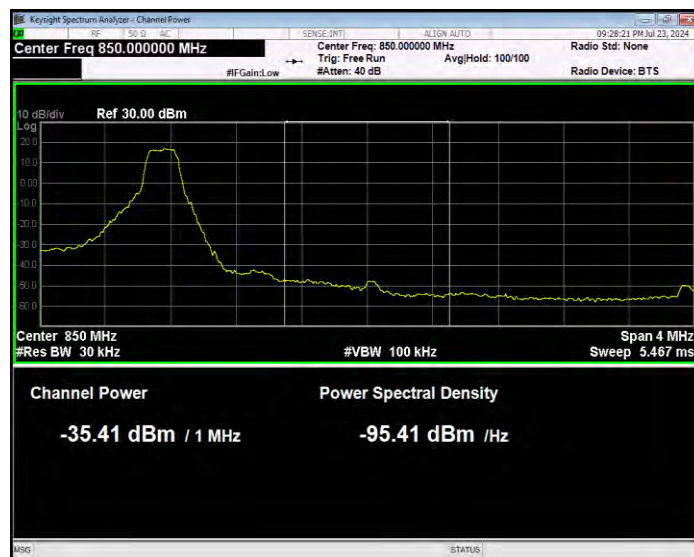
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0 Extended



Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0 Normal



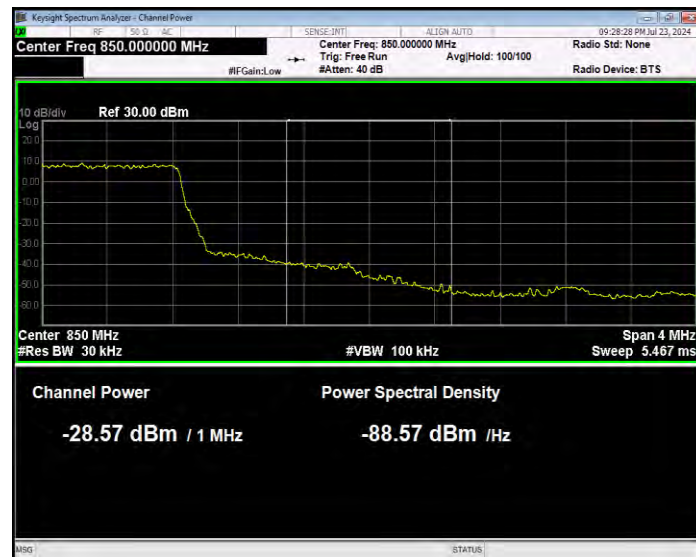
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#Max Extended



Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#Max Normal



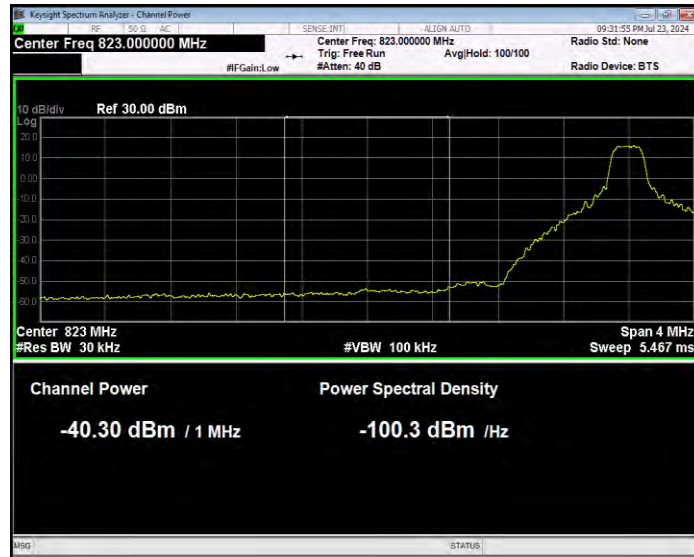
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 Extended



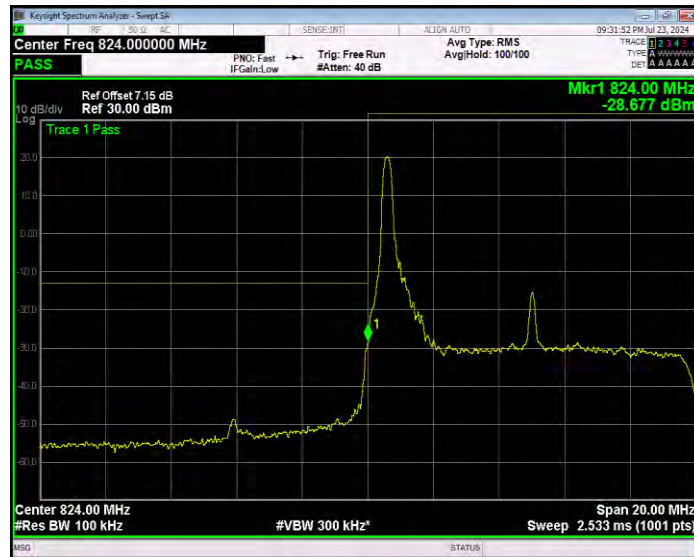
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 Normal



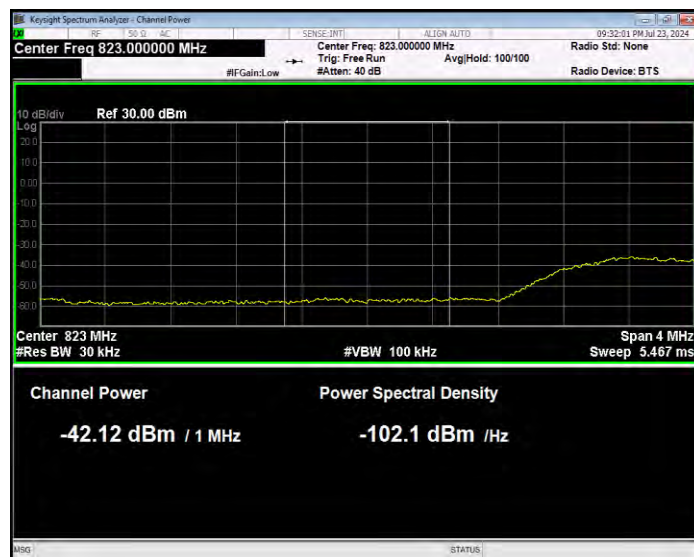
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0 Extended



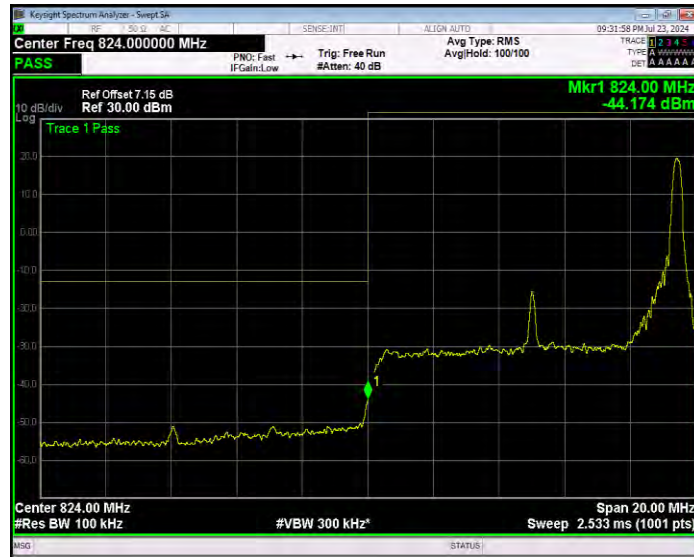
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0 Normal



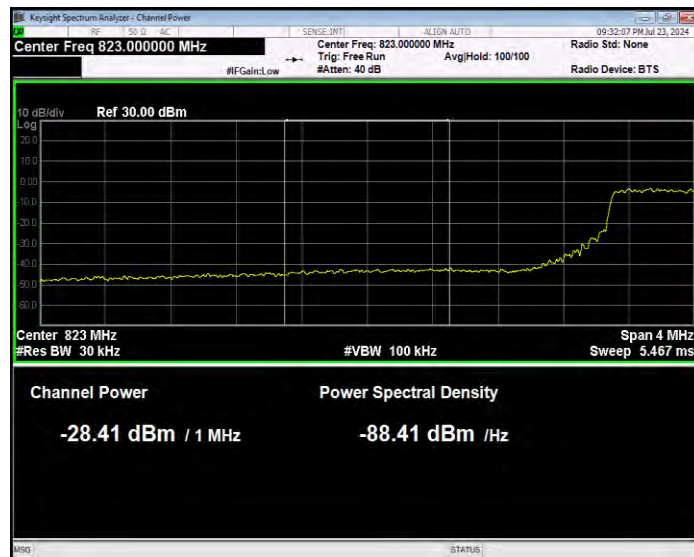
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#Max Extended



Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#Max Normal



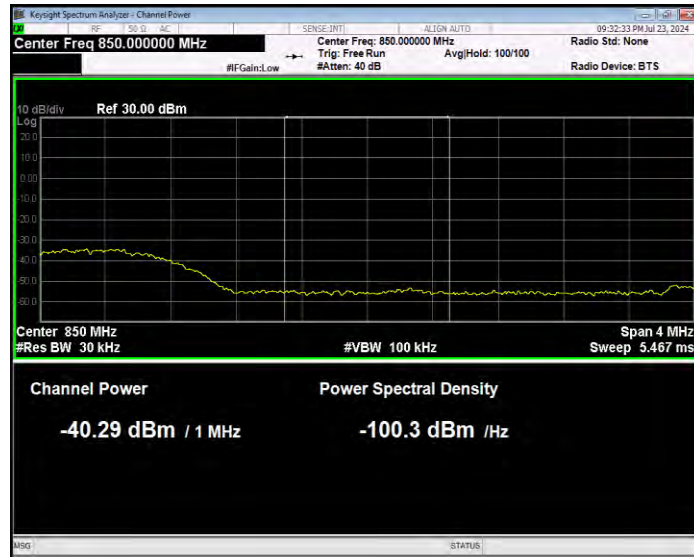
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 Extended



Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 Normal



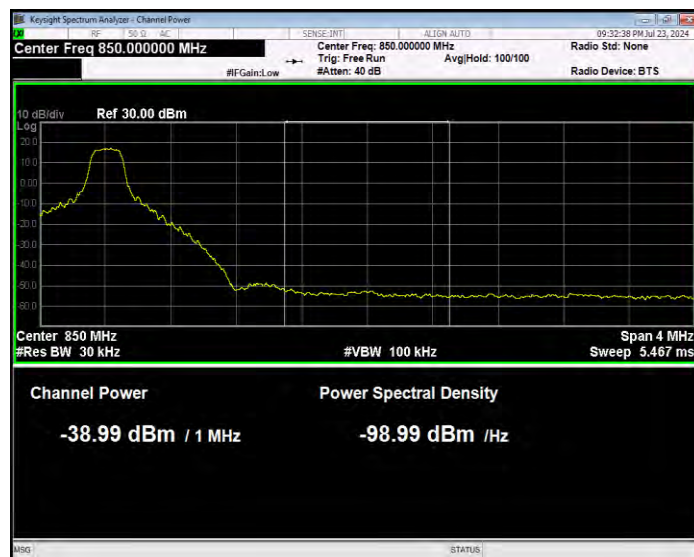
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0 Extended



Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0 Normal



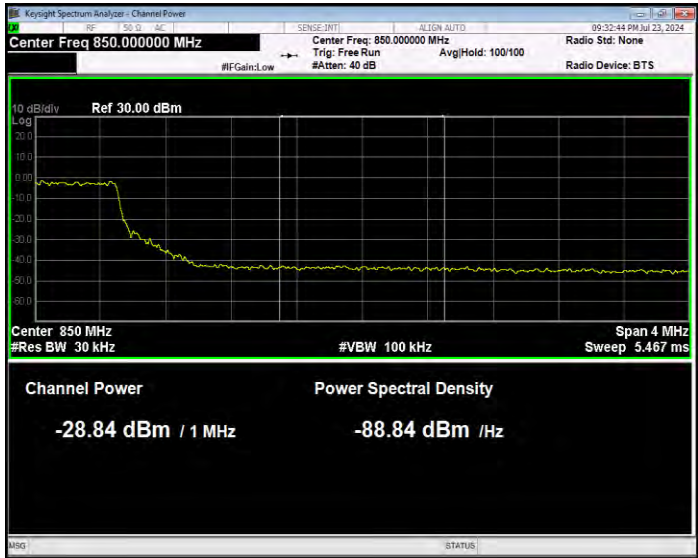
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#Max Extended



Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#Max Normal



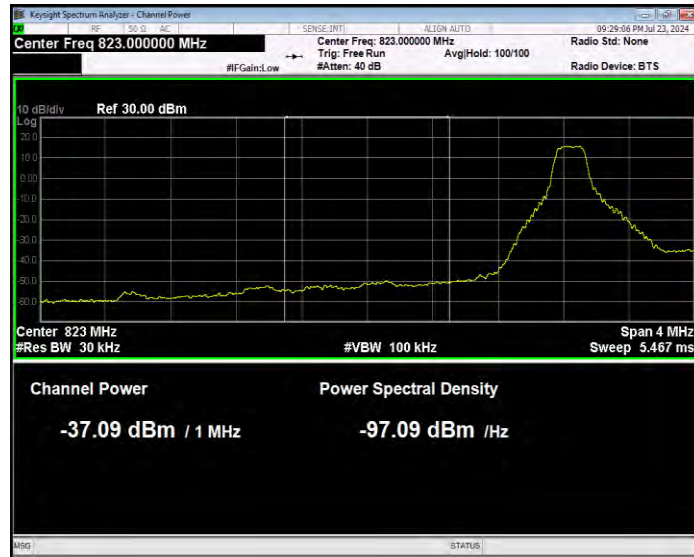
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0 Extended



Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0 Normal



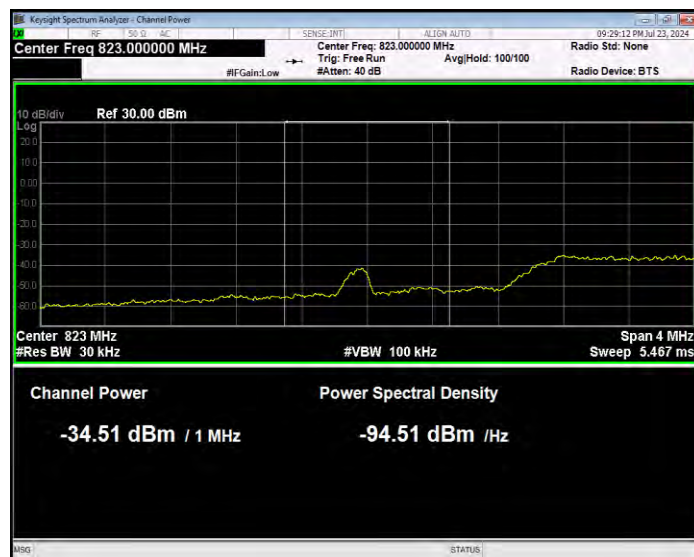
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0 Extended



Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0 Normal



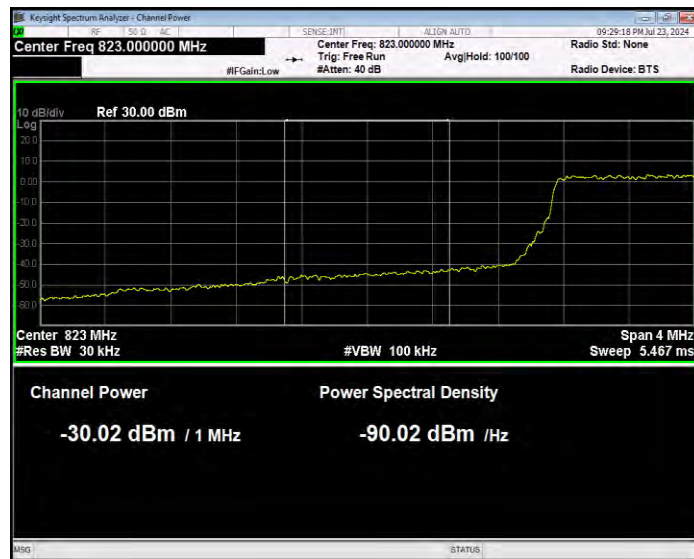
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#Max Extended



Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#Max Normal



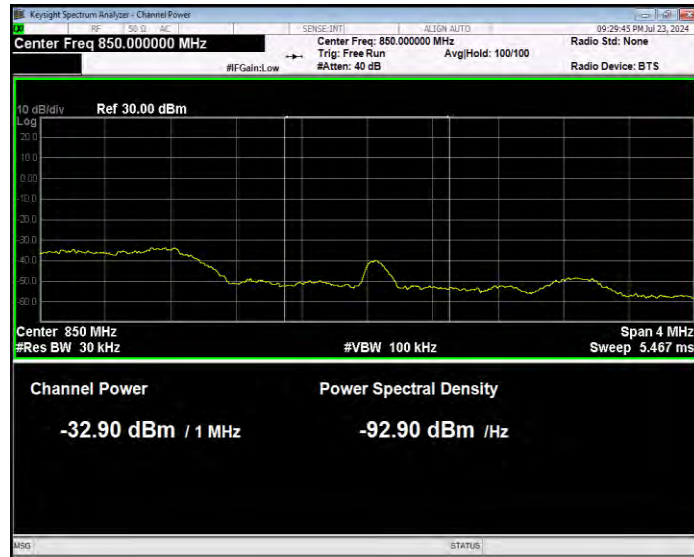
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 Extended



Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 Normal



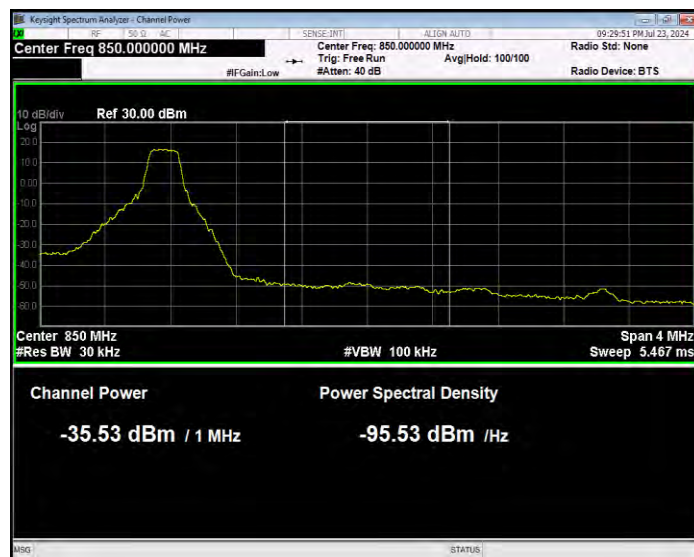
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0 Extended



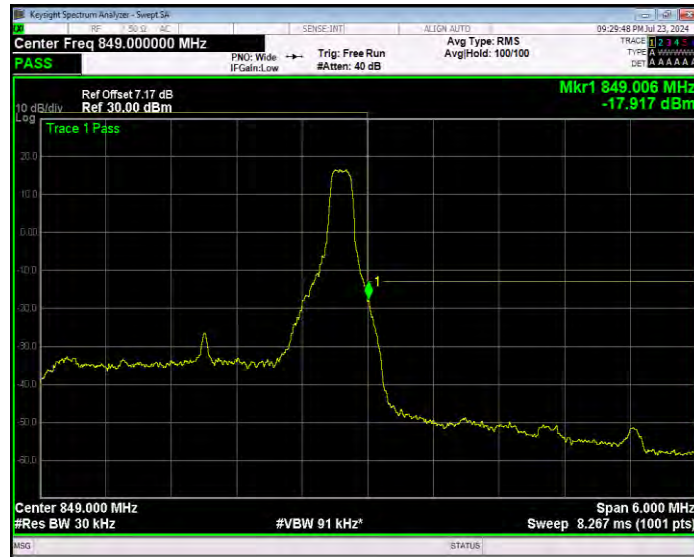
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0 Normal



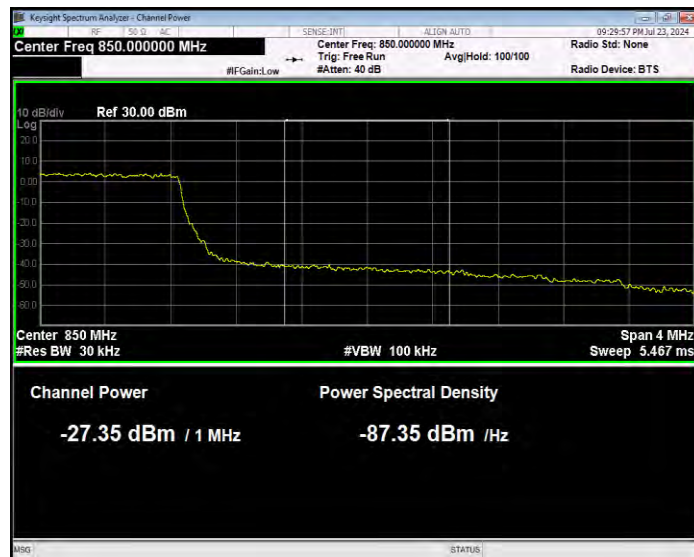
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#Max Extended



Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#Max Normal



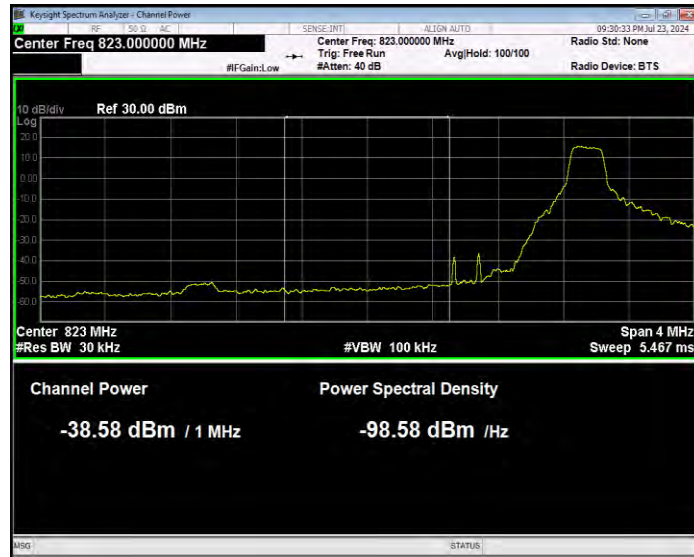
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 Extended



Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 Normal



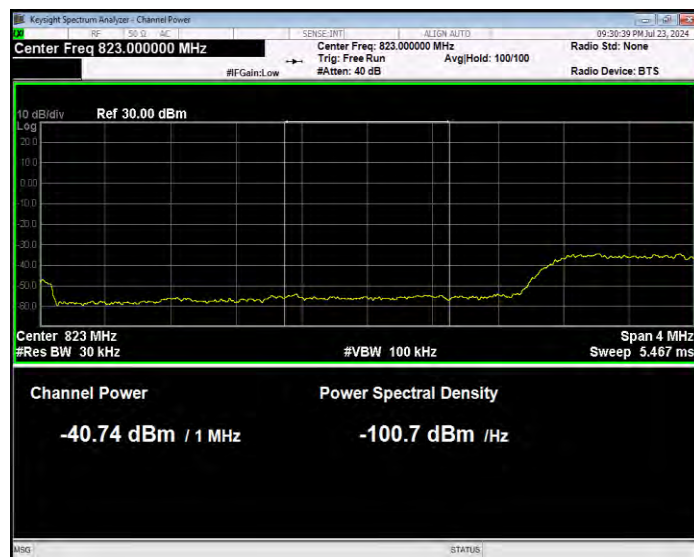
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0 Extended



Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0 Normal



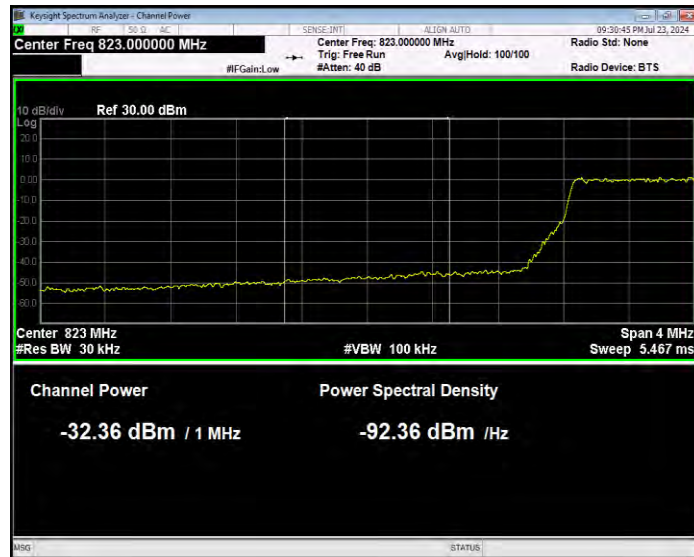
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#Max Extended



Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#Max Normal



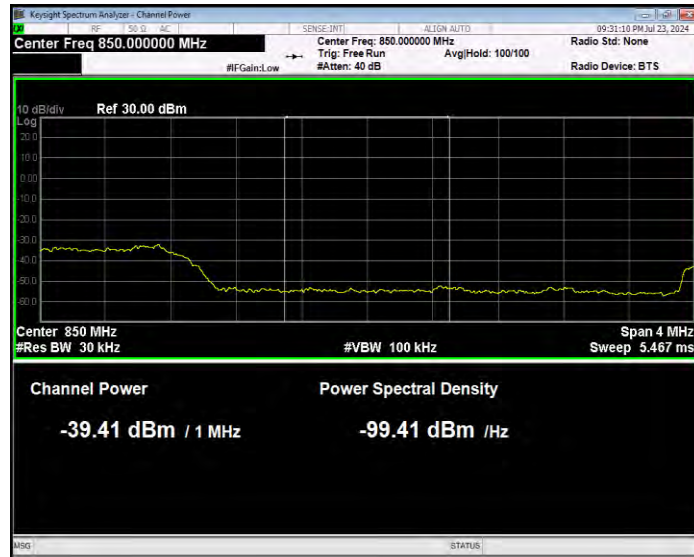
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 Extended



Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 Normal



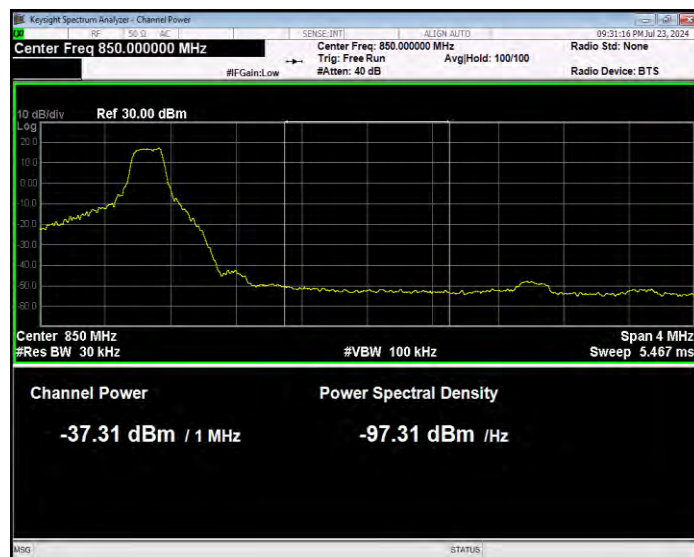
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0 Extended



Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0 Normal



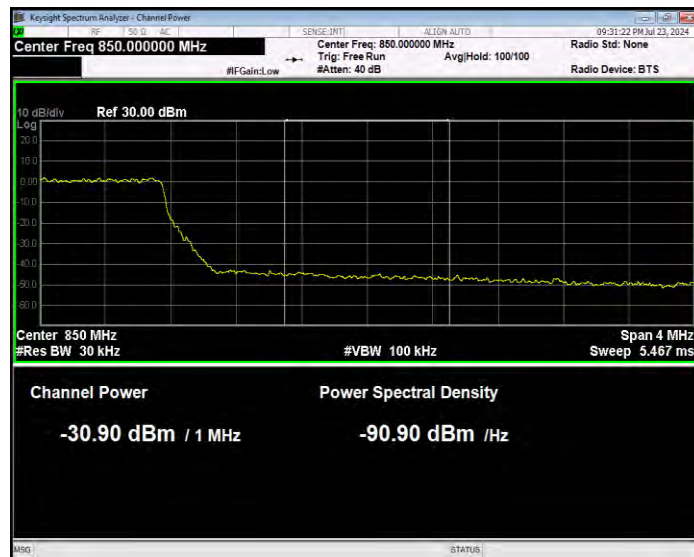
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#Max Extended



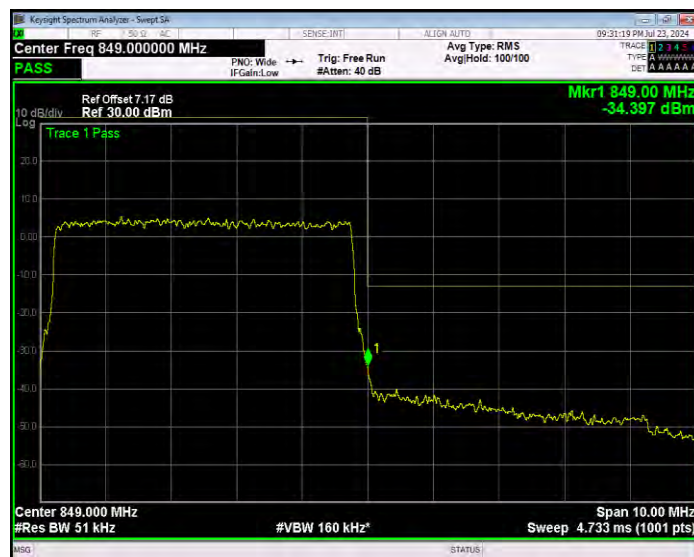
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#Max Normal



Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0 Extended



Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0 Normal

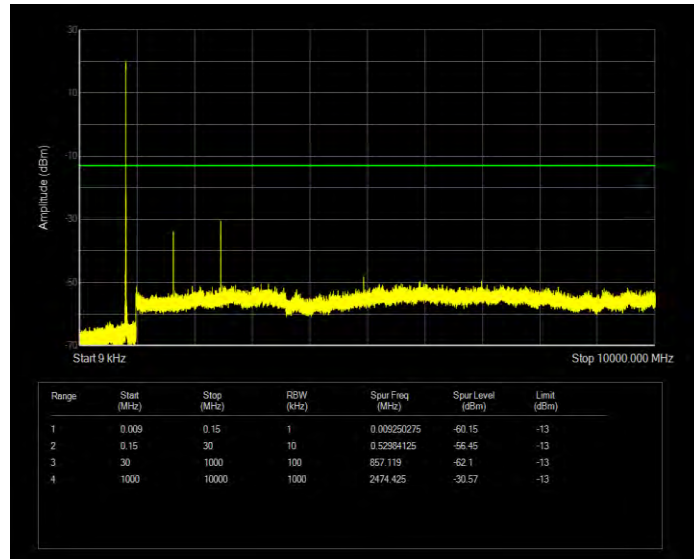


5. Conducted Spurious Emission

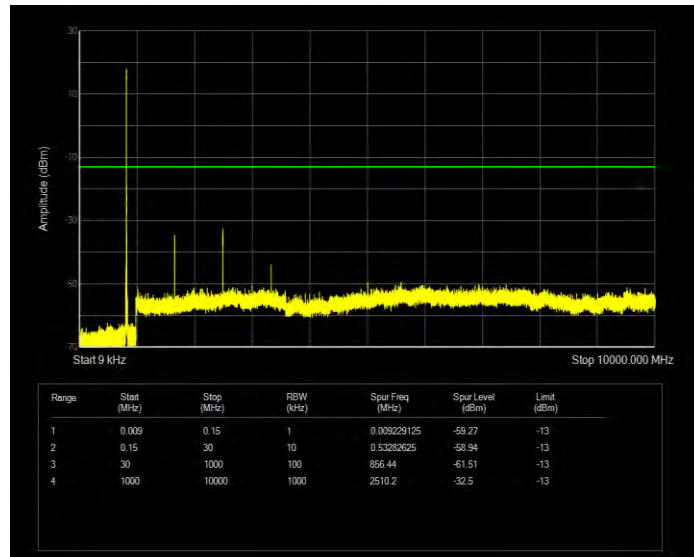
Test Result

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band5	1.4	20407	6	#0	QPSK	2473.98	-29.20	-13	PASS
Band5	1.4	20407	6	#0	16QAM	2474.43	-30.57	-13	PASS
Band5	1.4	20525	6	#0	QPSK	2510.20	-29.61	-13	PASS
Band5	1.4	20525	6	#0	16QAM	2510.20	-32.50	-13	PASS
Band5	1.4	20643	6	#0	QPSK	2545.53	-24.87	-13	PASS
Band5	1.4	20643	6	#0	16QAM	2545.08	-26.75	-13	PASS
Band5	3	20415	15	#0	QPSK	2476.00	-33.36	-13	PASS
Band5	3	20415	15	#0	16QAM	2478.25	-36.53	-13	PASS
Band5	3	20525	15	#0	QPSK	2509.30	-36.70	-13	PASS
Band5	3	20525	15	#0	16QAM	2511.10	-37.43	-13	PASS
Band5	3	20635	15	#0	QPSK	2544.18	-31.52	-13	PASS
Band5	3	20635	15	#0	16QAM	2543.28	-29.25	-13	PASS
Band5	5	20425	25	#0	QPSK	2480.05	-38.91	-13	PASS
Band5	5	20425	25	#0	16QAM	2484.55	-37.47	-13	PASS
Band5	5	20525	25	#0	QPSK	2509.30	-37.06	-13	PASS
Band5	5	20525	25	#0	16QAM	2511.33	-37.08	-13	PASS
Band5	5	20625	25	#0	QPSK	2539.45	-33.03	-13	PASS
Band5	5	20625	25	#0	16QAM	2538.55	-32.63	-13	PASS
Band5	10	20450	50	#0	QPSK	2490.85	-43.03	-13	PASS
Band5	10	20450	50	#0	16QAM	2486.58	-42.22	-13	PASS
Band5	10	20525	50	#0	QPSK	2514.70	-41.36	-13	PASS
Band5	10	20525	50	#0	16QAM	2513.58	-39.67	-13	PASS
Band5	10	20600	50	#0	QPSK	2534.95	-38.83	-13	PASS
Band5	10	20600	50	#0	16QAM	2531.13	-39.57	-13	PASS

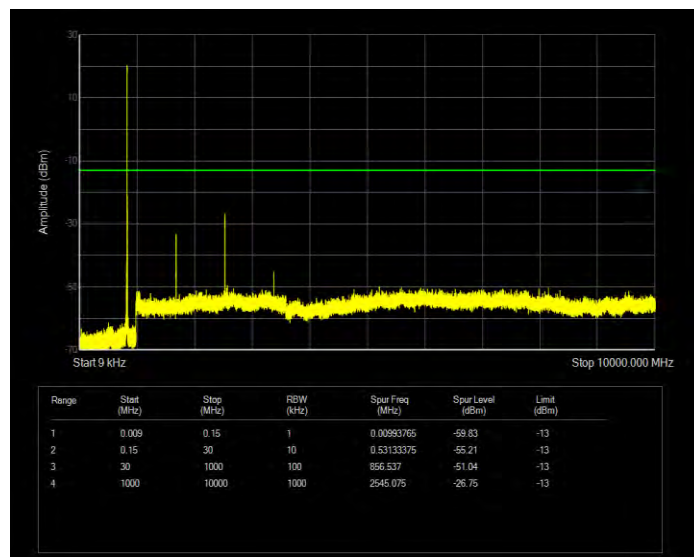
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



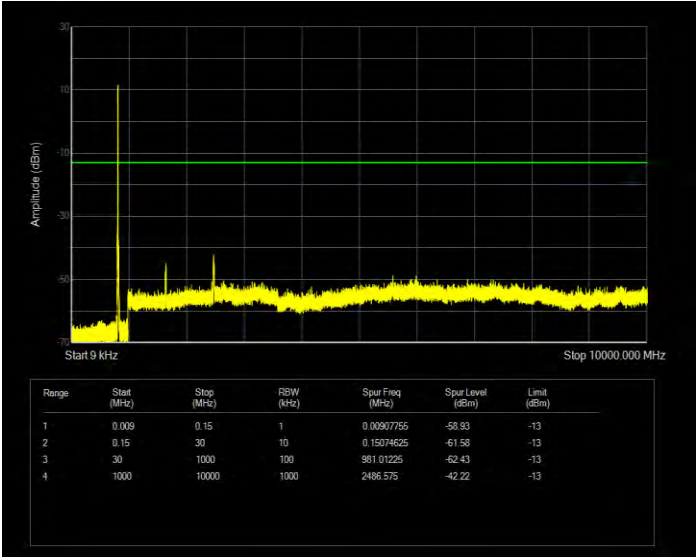
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



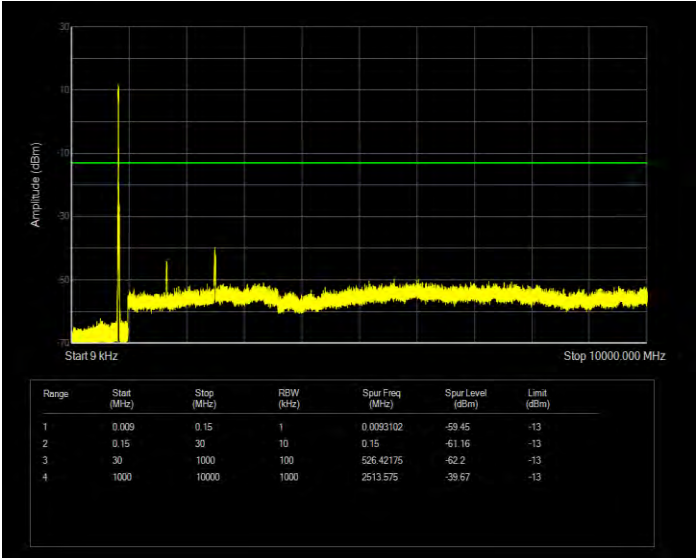
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



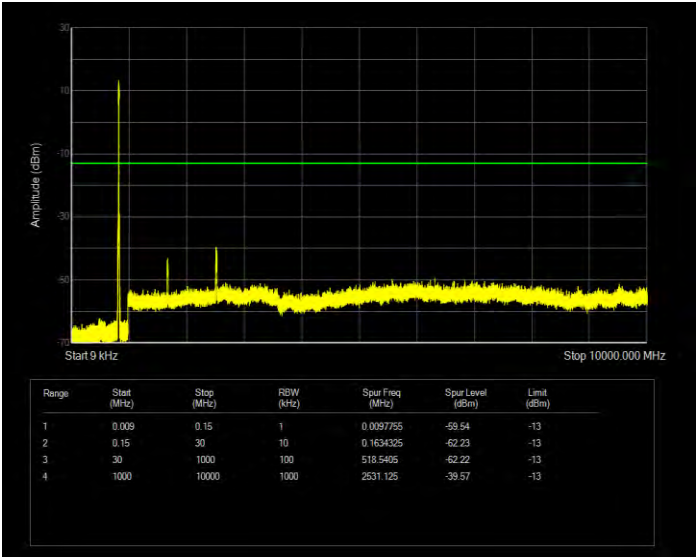
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



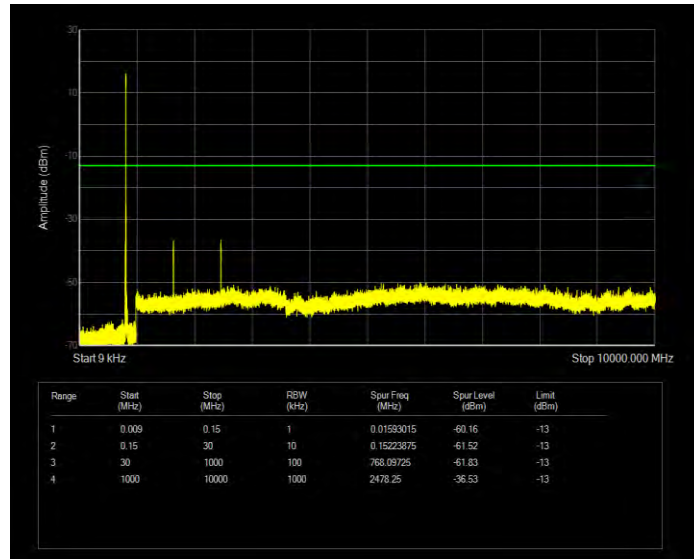
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



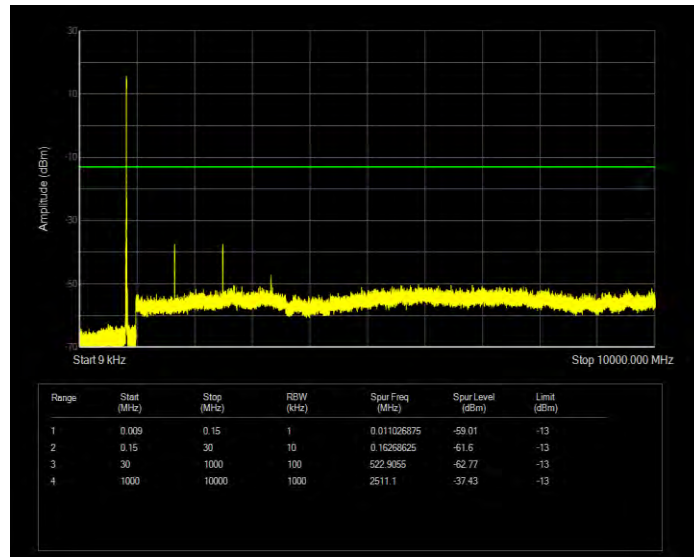
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



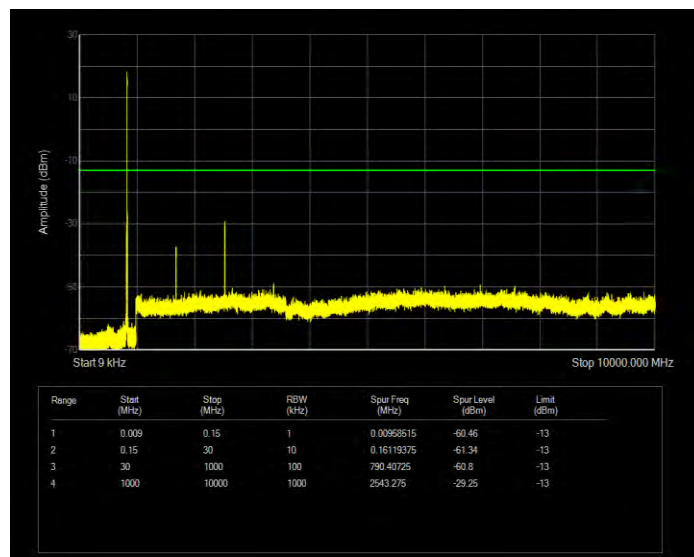
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



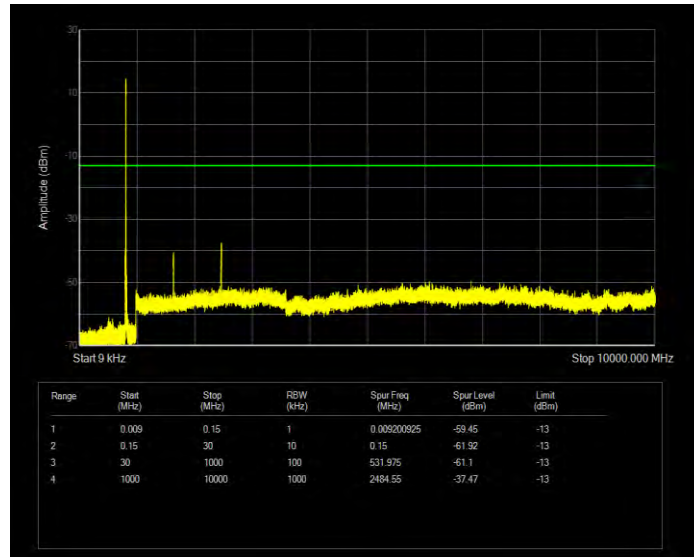
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



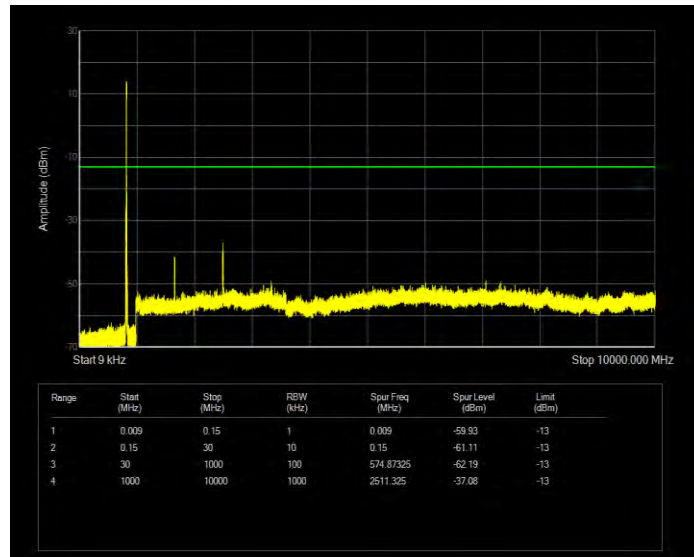
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



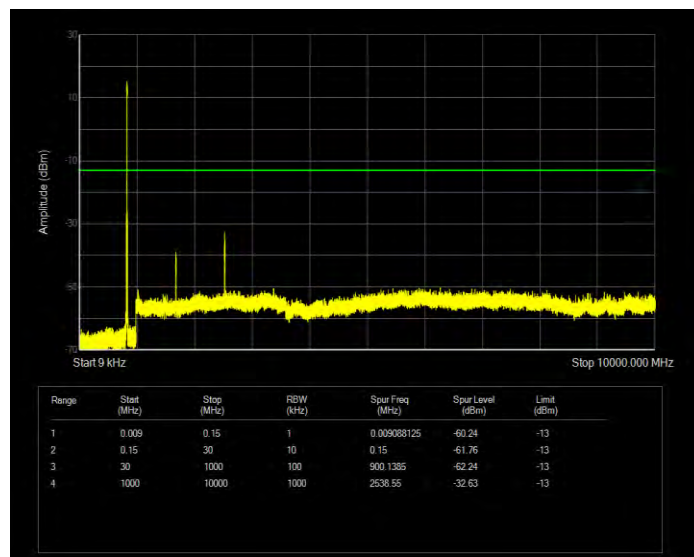
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



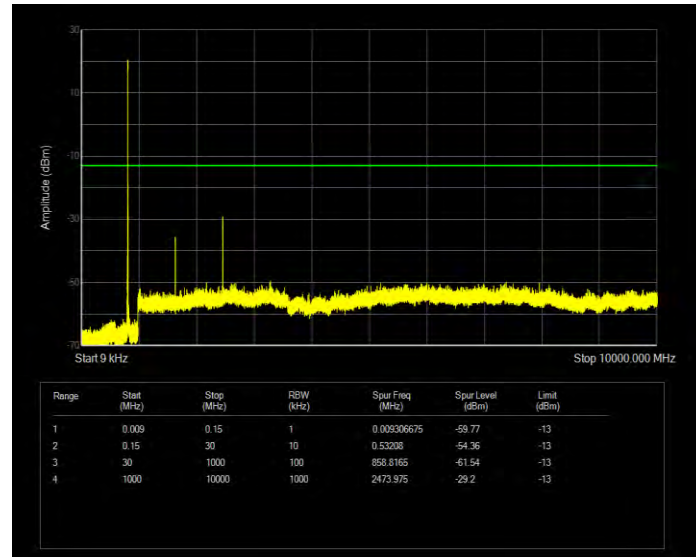
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



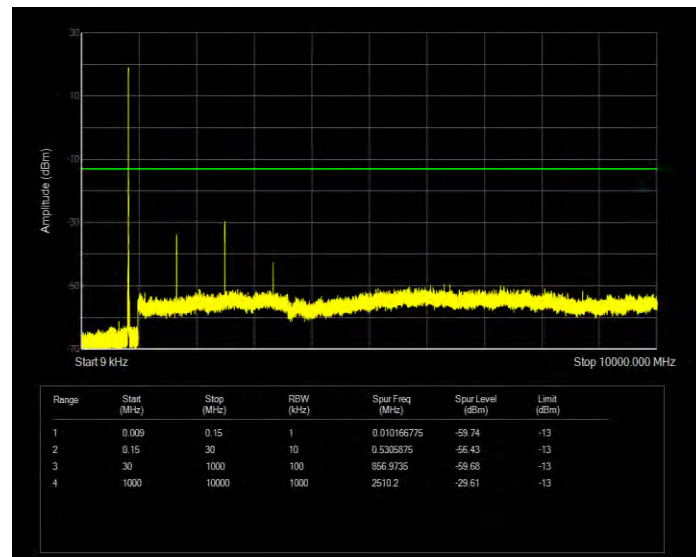
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



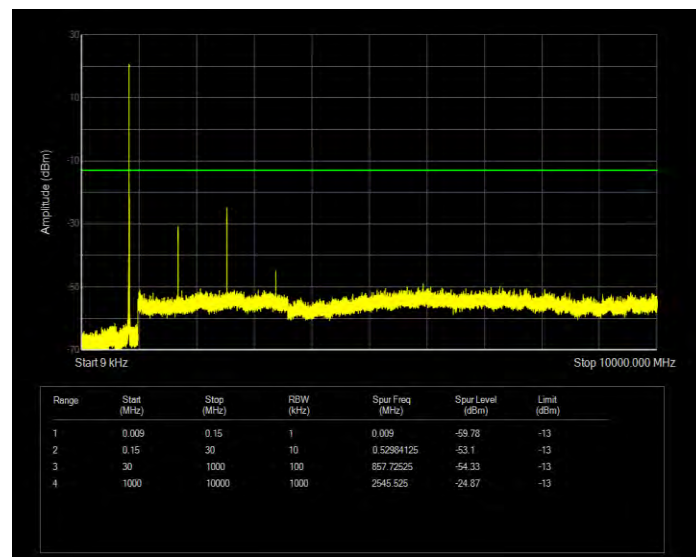
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



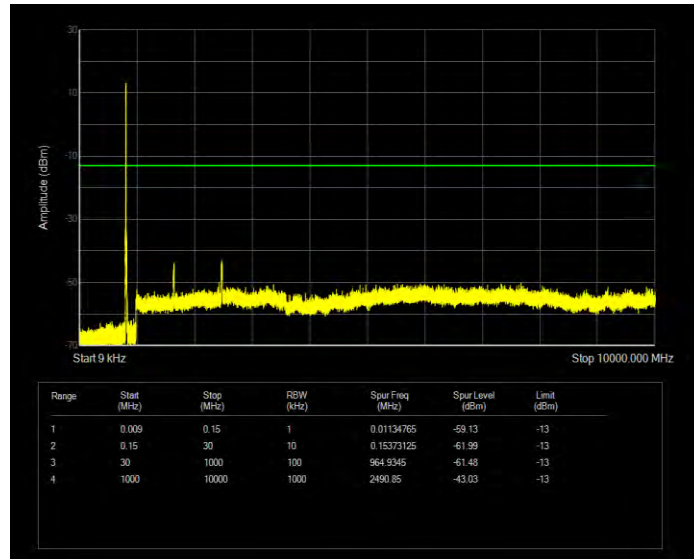
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



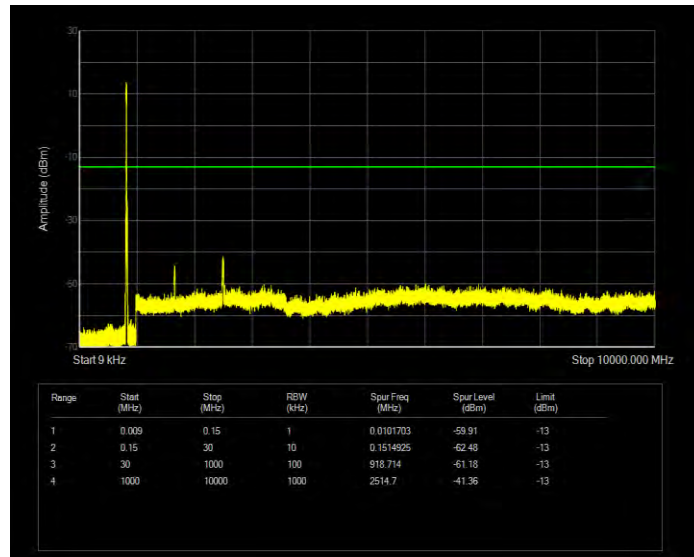
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



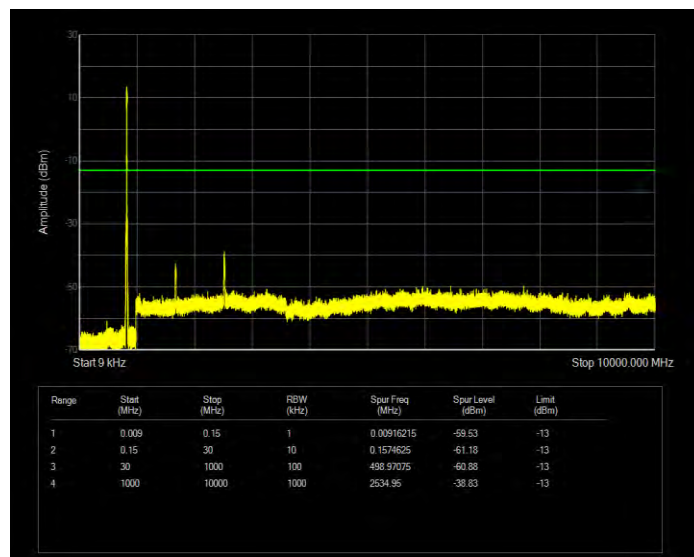
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



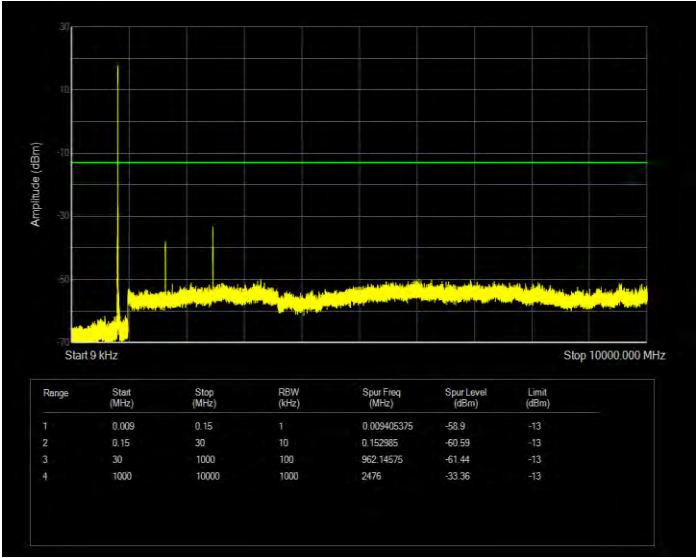
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



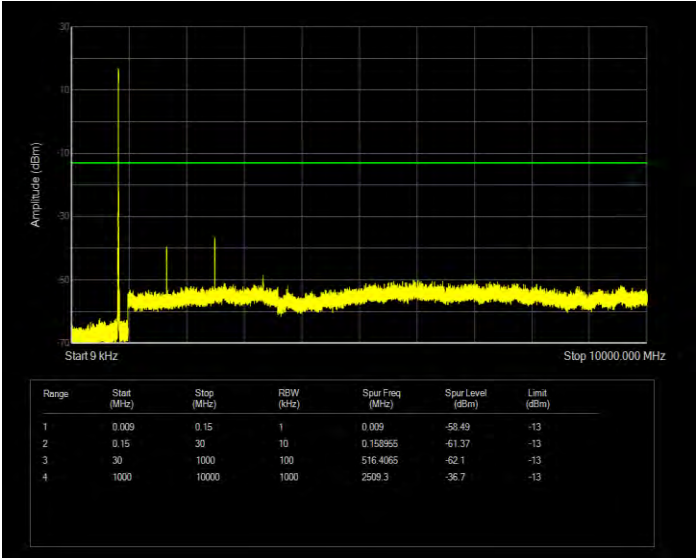
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



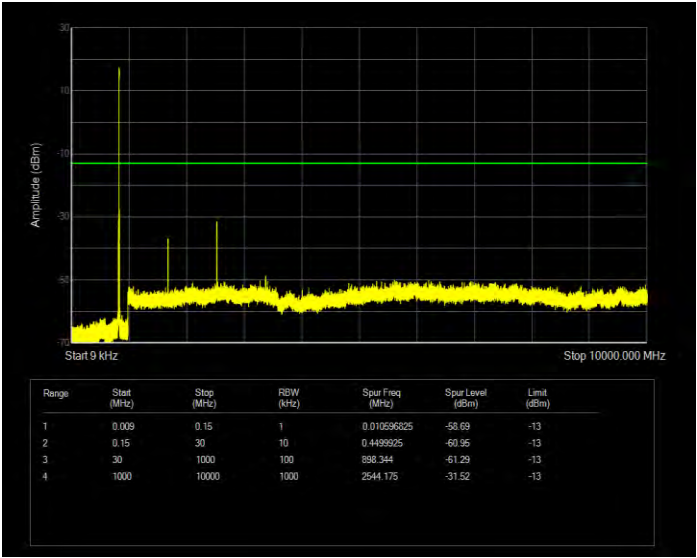
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



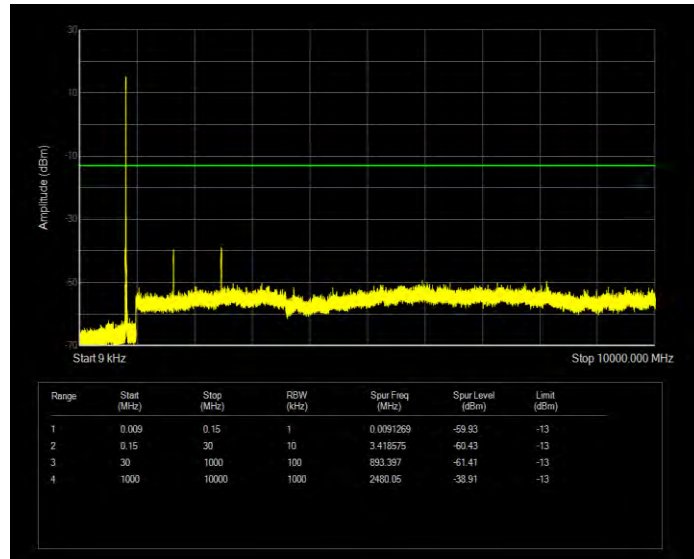
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



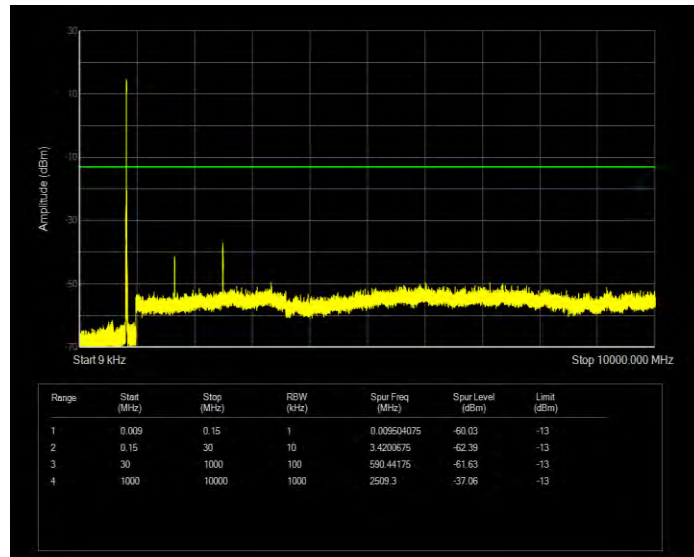
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



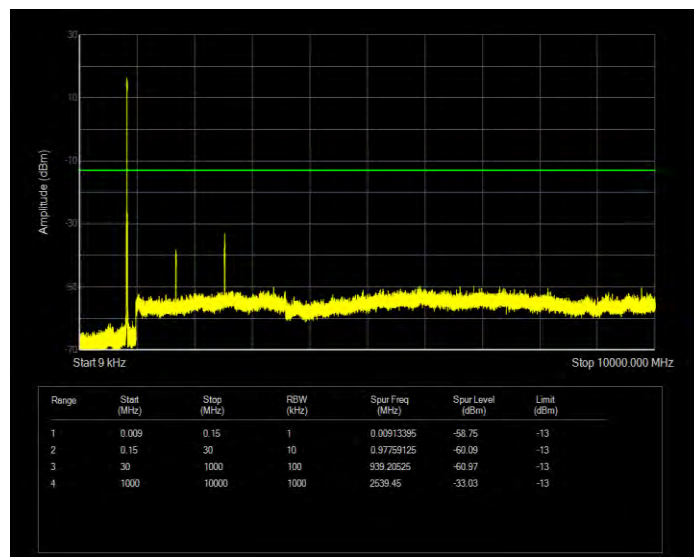
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



Band5 QPSK BW=5MHz Channel=20625 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
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	0.01587	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-0.04756	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	0.01834	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	0.04255	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-0.00622	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-0.02759	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	0.00963	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	0.02542	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	0.04514	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	0.02553	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	0.02324	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-0.03584	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	0.03949	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	0.03109	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	0.01097	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	0.00553	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	0.00306	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	-0.00433	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	0.02947	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	0.04474	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-0.02725	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	0.03424	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-0.04347	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	0.02595	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-0.04310	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	0.04449	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-0.04428	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	-0.04765	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-0.02003	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-0.01133	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	0.02306	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-0.02884	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	0.03117	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-0.01912	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-0.00395	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-0.04468	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	0.03966	±2.5	PASS

Band5	5MHz	QPSK	20425	25RB#0	VN	NT	0.02673	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	0.03599	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	0.01248	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-0.02880	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-0.03164	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-0.00799	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-0.02006	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	0.03284	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	0.02765	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-0.01358	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-0.01221	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	0.03146	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-0.02308	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	-0.03916	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-0.00892	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	0.02161	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-0.00639	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	0.02138	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-0.01216	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	0.00209	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	0.03545	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	0.02989	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	0.01063	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-0.02728	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-0.03308	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-0.02916	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-0.00290	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-0.02566	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-0.01727	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-0.01456	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-0.00418	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-0.02075	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-0.00780	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-0.00098	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-0.01901	±2.5	PASS

Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-0.04345	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	0.01626	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	0.01388	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	0.04739	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-0.03671	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	0.00960	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	0.02612	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	0.02611	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	0.04190	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	0.03421	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	0.00792	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	0.02694	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	0.02995	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	0.00022	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-0.00406	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	0.01371	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	0.02238	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-0.04836	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-0.00731	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	0.02412	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	0.00733	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	0.03274	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	0.00721	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-0.03258	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-0.04993	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	0.01983	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	0.00266	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	0.01325	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-0.01956	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	0.00305	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	-0.03315	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	0.01038	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	0.01212	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	0.00858	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	0.04657	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-0.02374	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-0.01712	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	0.00044	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-0.03271	±2.5	PASS

Band5	3MHz	QPSK	20525	15RB#0	NV	20	0.02123	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	0.02863	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	0.01829	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	0.00673	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-0.04107	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	0.02985	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	0.03161	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-0.02820	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	-0.00837	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	0.03135	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	0.02102	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	0.01567	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-0.02962	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	-0.00065	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-0.01250	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	0.02537	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	0.02004	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-0.00614	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	0.03149	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-0.02022	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	0.01968	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	0.03032	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-0.00300	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-0.04236	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-0.01248	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-0.00833	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-0.04902	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	0.04299	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	0.03168	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	0.02785	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-0.00923	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	-0.00907	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-0.00991	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	0.00134	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-0.02725	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	0.03388	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	0.01742	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	0.01953	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	0.02970	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-0.04009	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-0.02199	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	-0.04809	±2.5	PASS

Band5	5MHz	16QAM	20525	25RB#0	NV	-20	-0.00535	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	0.02147	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	0.00216	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-0.00687	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	-0.04493	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	-0.04848	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	0.03072	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	0.00385	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	0.01361	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-0.03453	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	0.01606	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	0.04383	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-0.00481	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	0.01784	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	0.01341	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	0.02064	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-0.02793	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	0.01329	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	0.01639	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	0.02518	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-0.00809	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-0.03432	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	0.03064	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-0.02039	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-0.02783	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	0.04930	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	0.00874	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	0.03812	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-0.02798	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-0.04269	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	0.02615	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	0.03261	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	0.04474	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-0.01676	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	0.02884	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-0.00205	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-0.00855	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-0.01459	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-0.02740	±2.5	PASS