

LTE Band 5 Test Data

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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

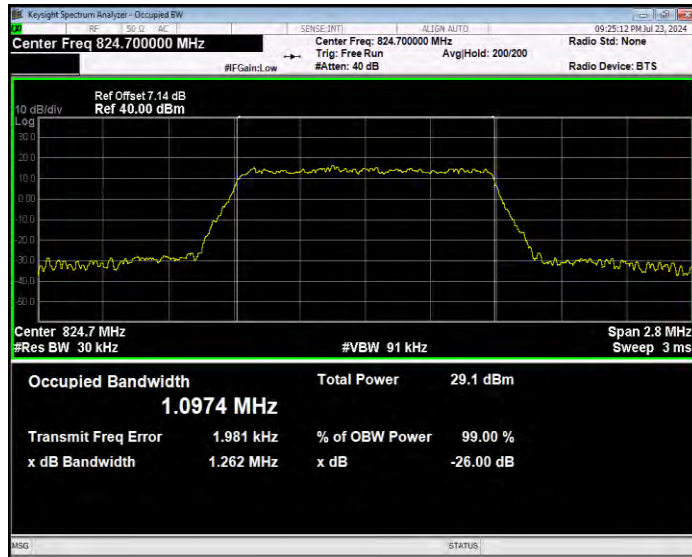
Band5	10MHz	QPSK	20525	50RB#0	6.03	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	6.89	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	6.75	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	6.78	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.89	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.13	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.75	13	PASS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

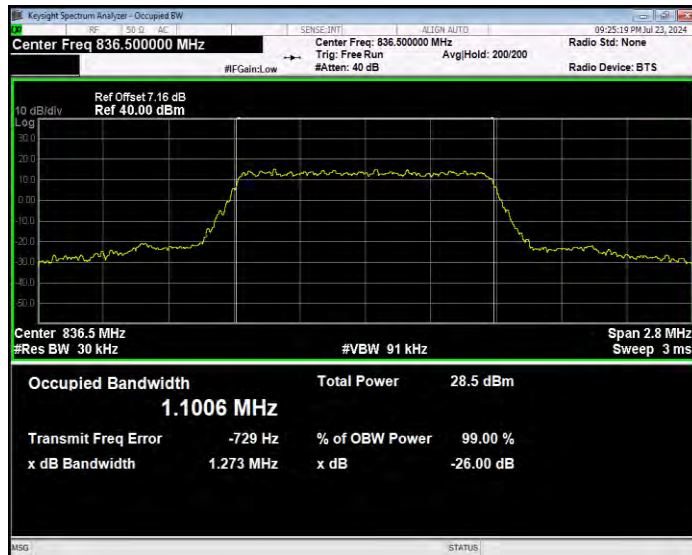
Test Result

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

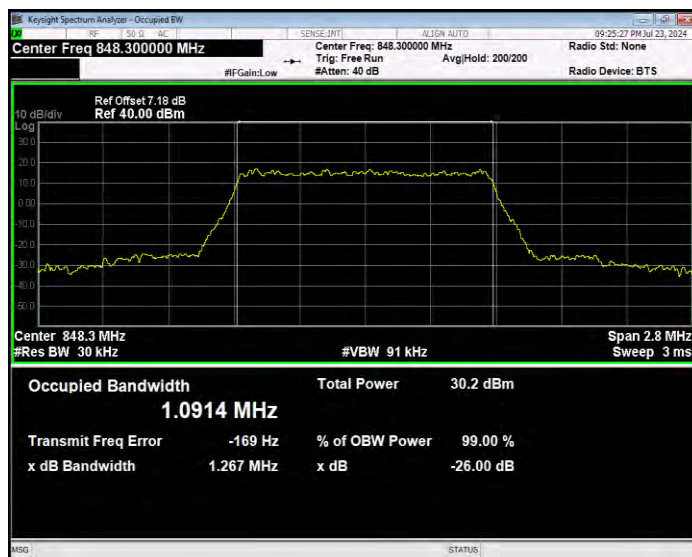
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



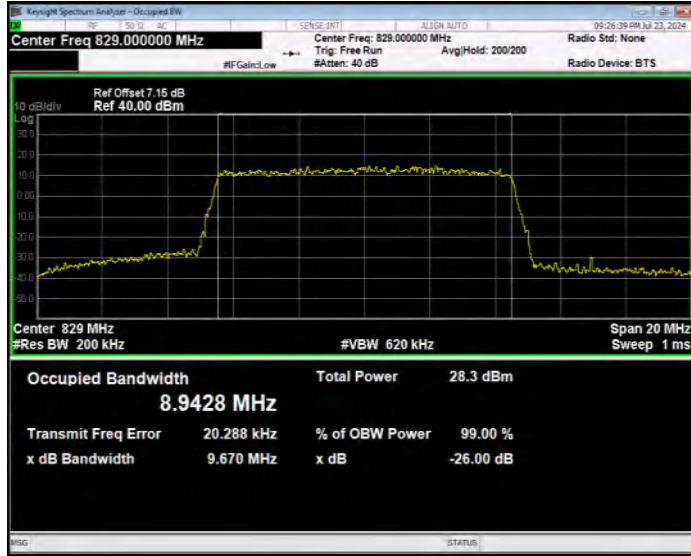
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



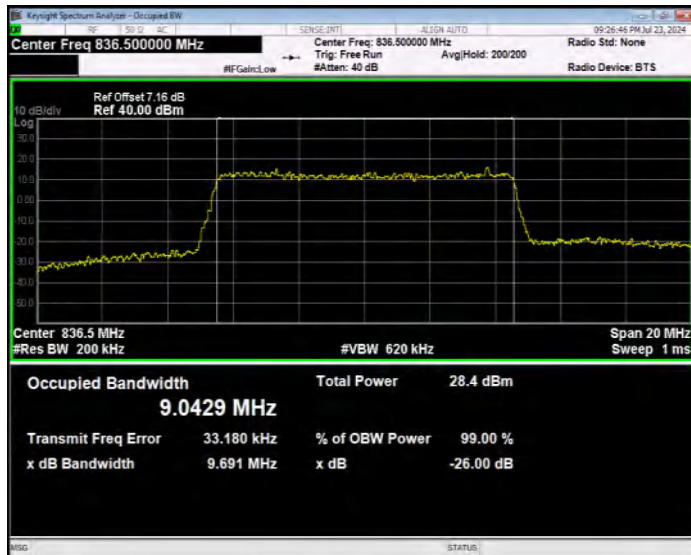
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



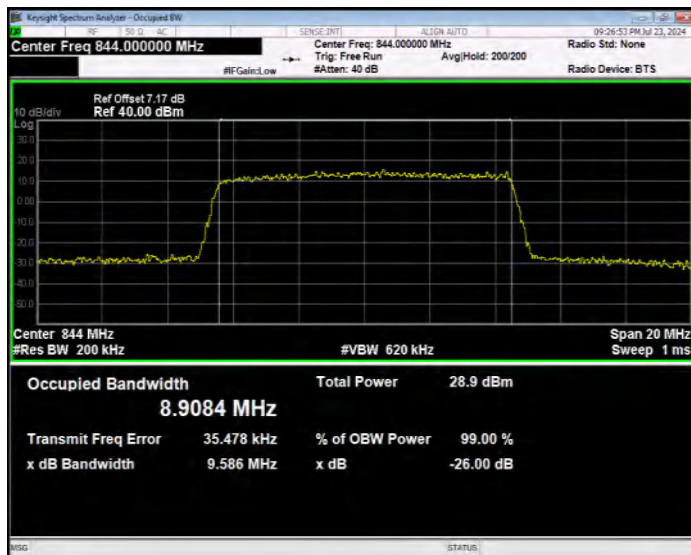
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



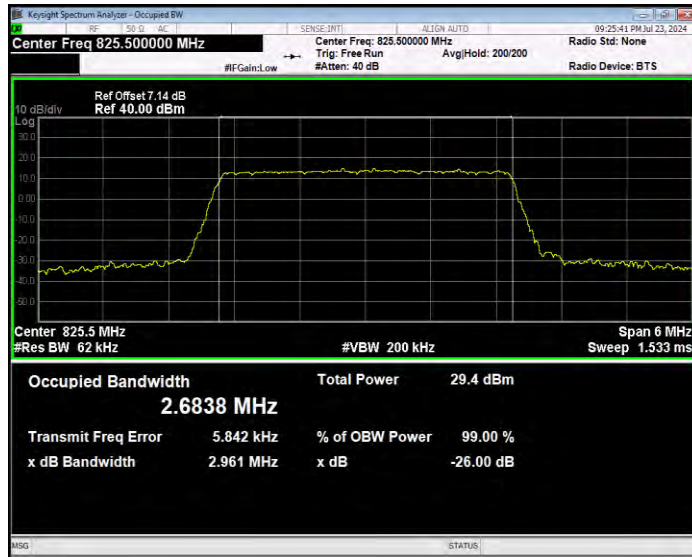
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



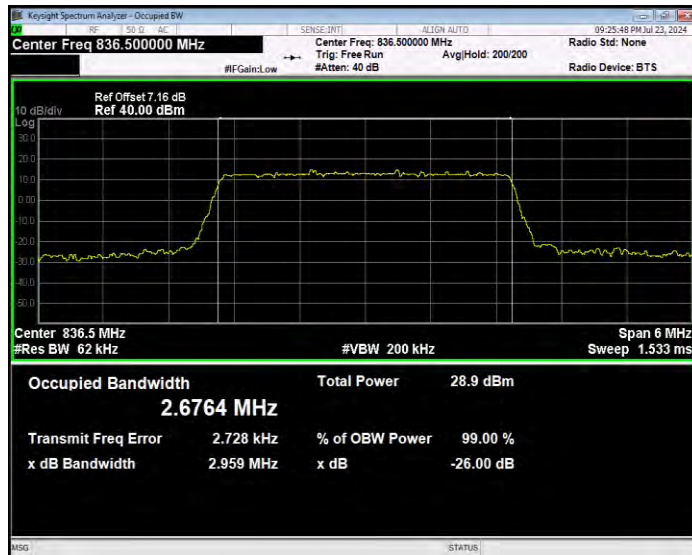
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



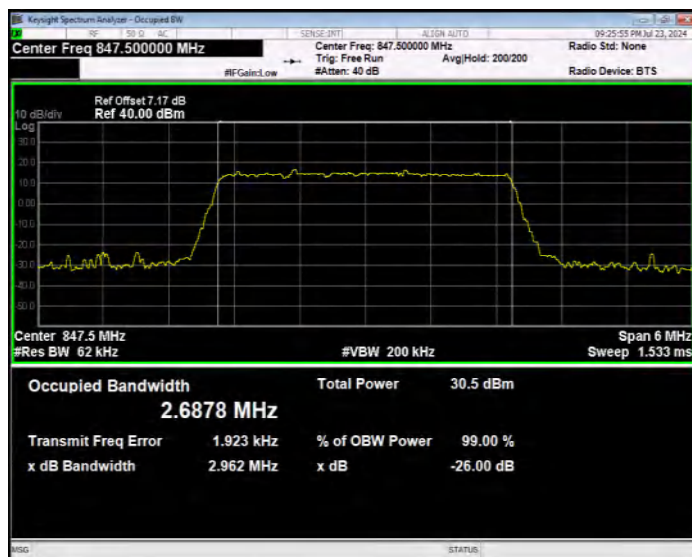
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



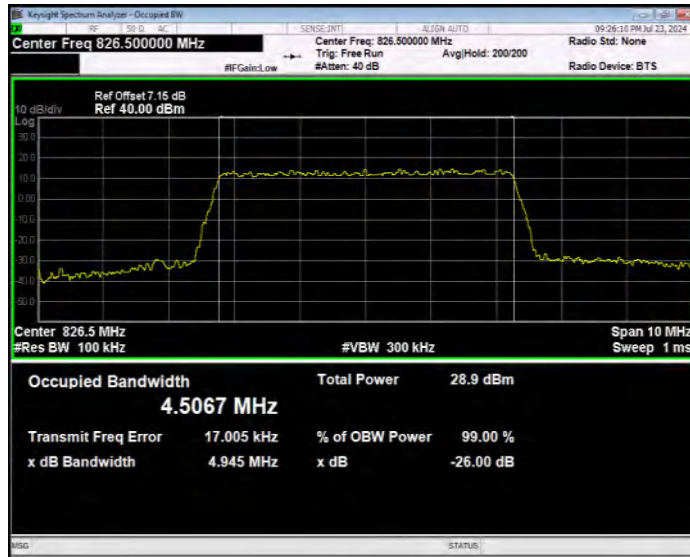
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



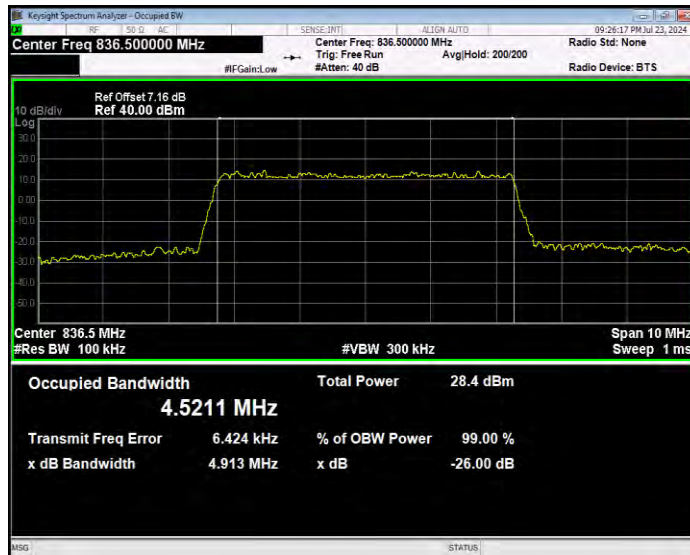
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



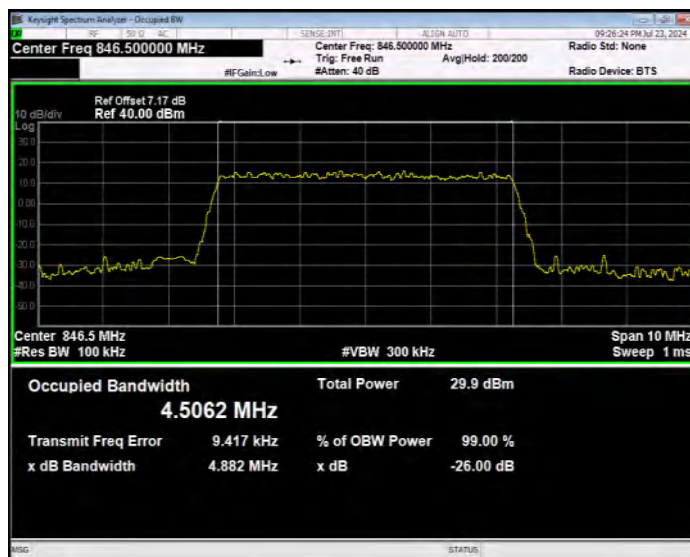
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



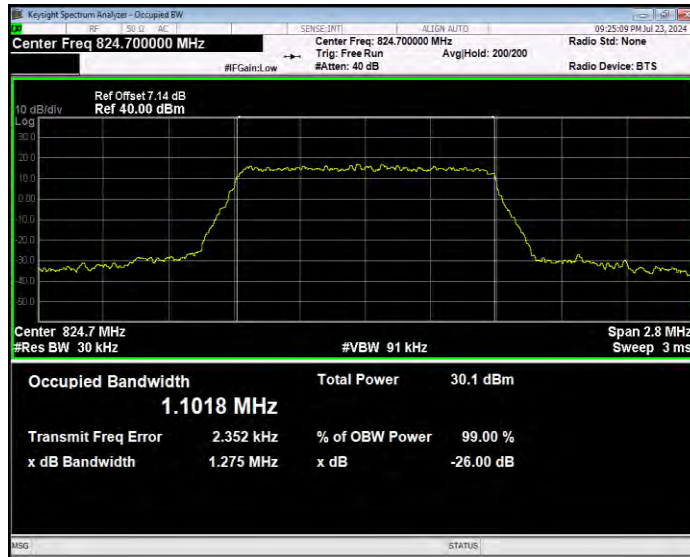
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



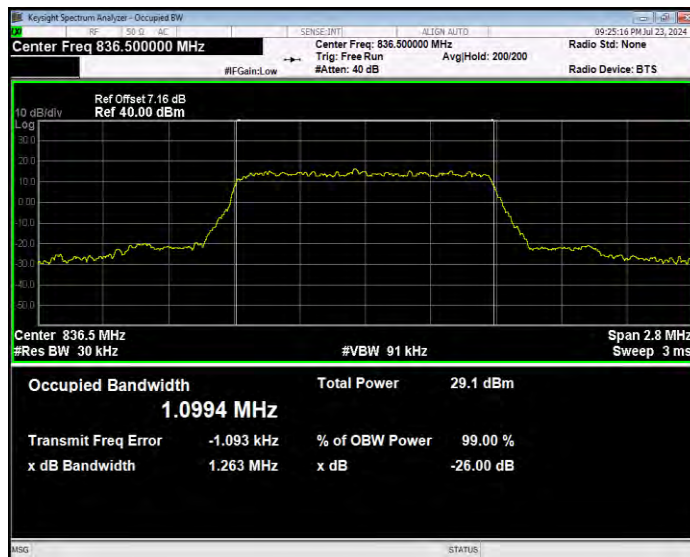
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



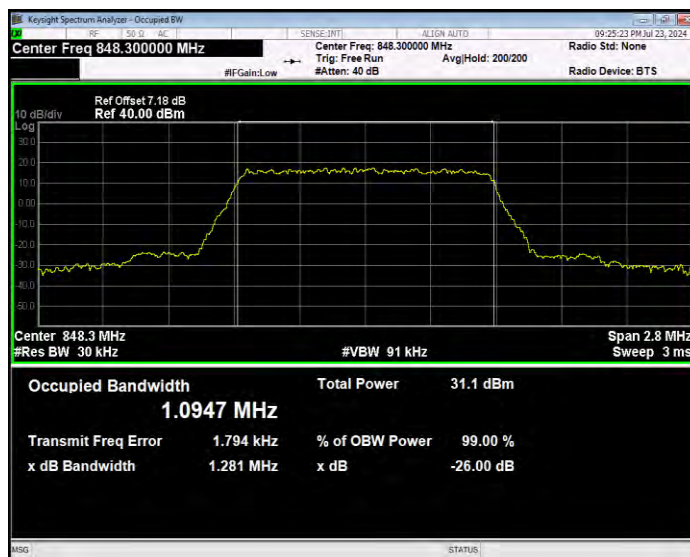
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



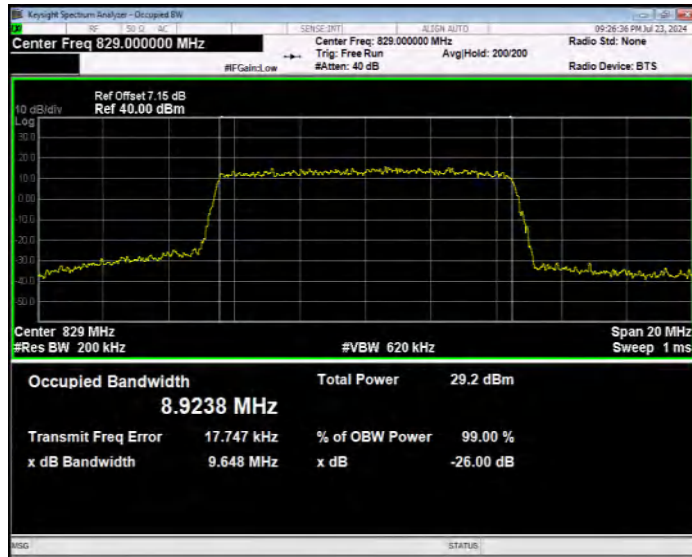
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



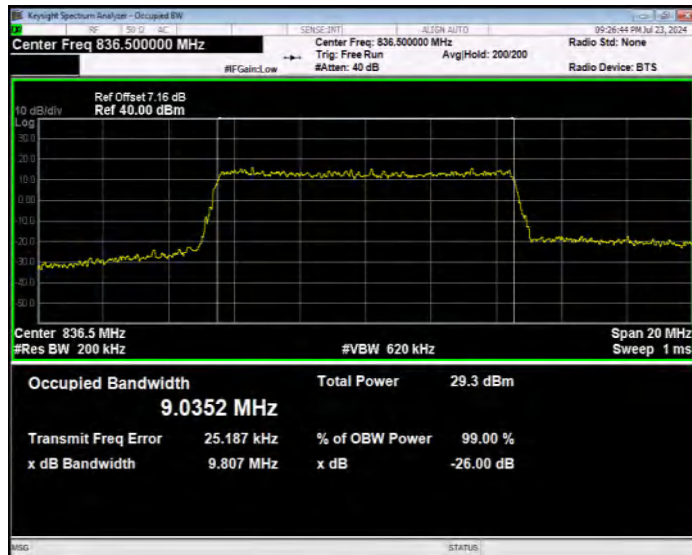
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



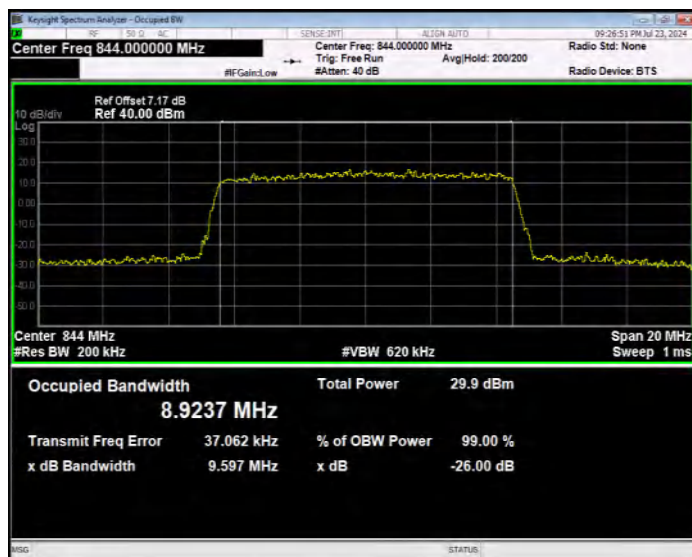
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



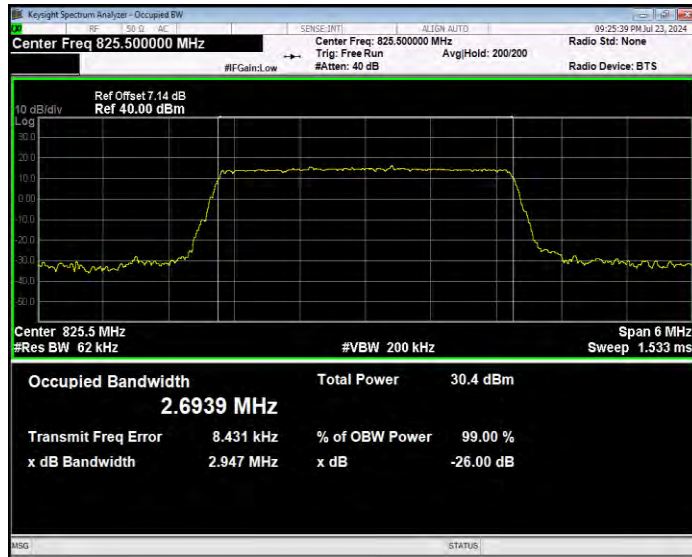
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



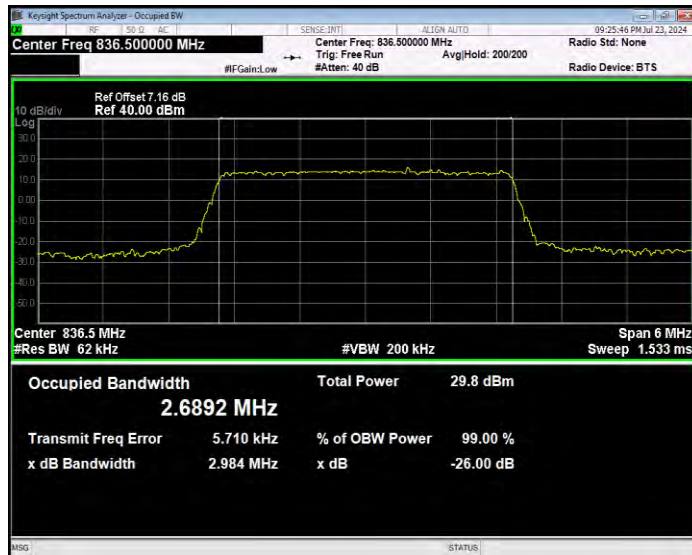
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



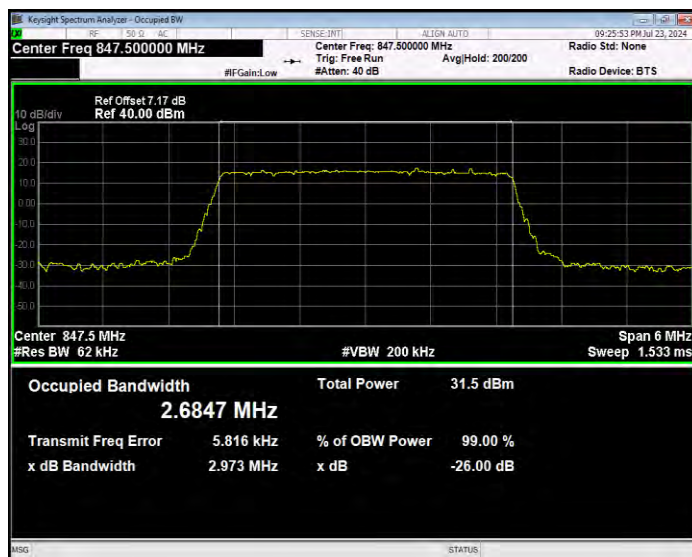
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



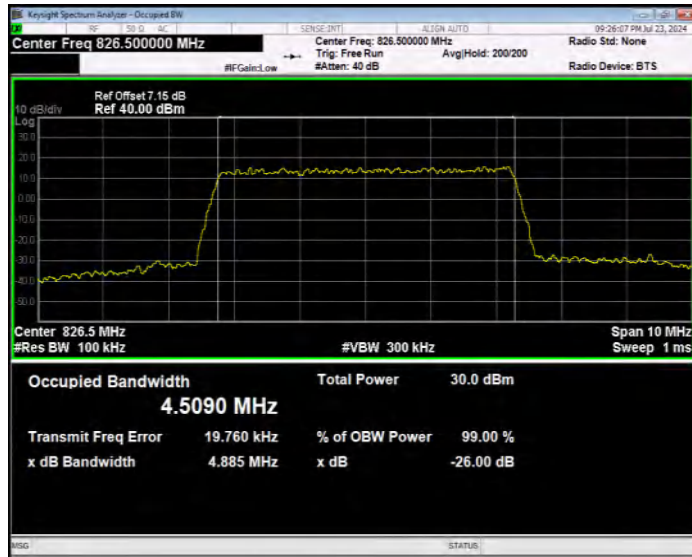
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



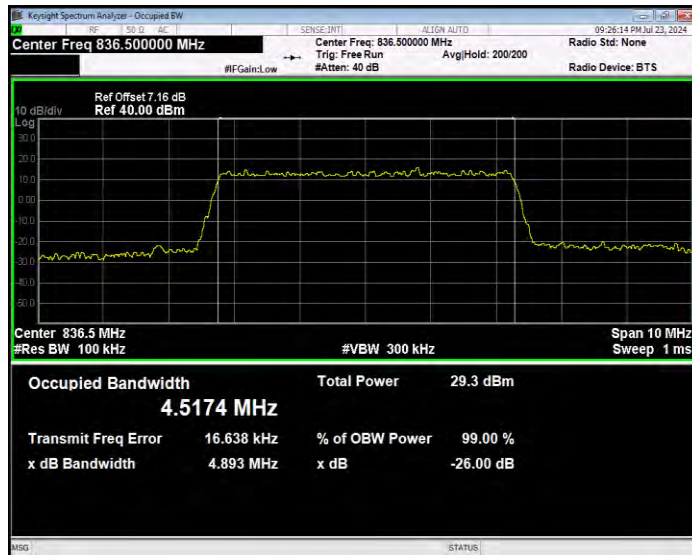
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



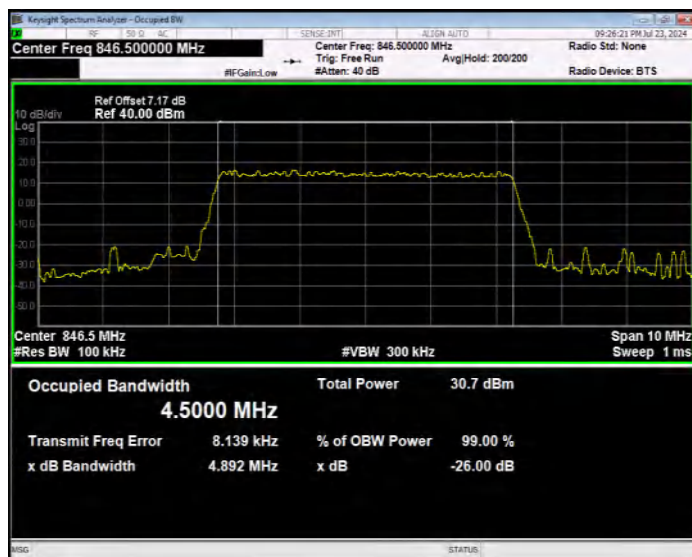
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



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

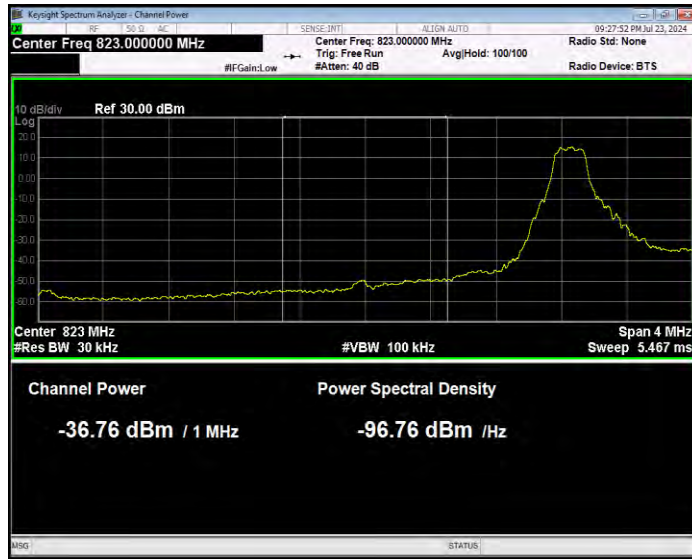
Test Result

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

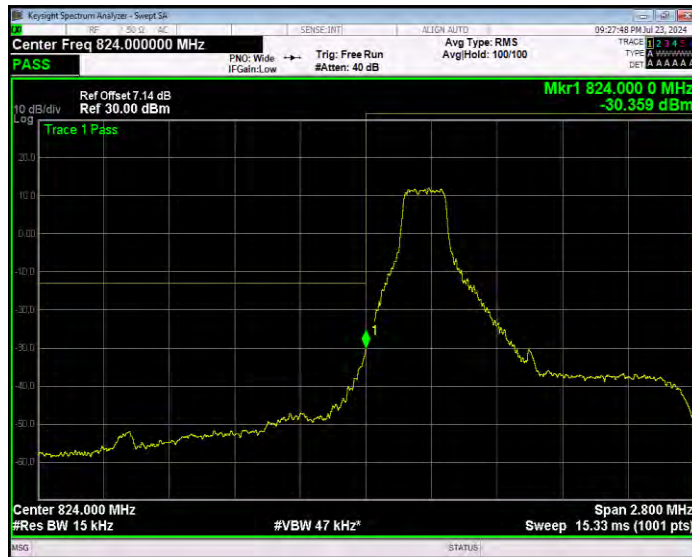
Band5	3	20635	1	#Max	QPSK	850.00	-35.53	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-28.24	-13	PASS
Band5	3	20635	15	#0	QPSK	850.00	-27.35	-13	PASS
Band5	3	20635	1	#0	16QAM	850.01	-40.83	-13	PASS
Band5	3	20635	1	#0	16QAM	850.00	-33.61	-13	PASS
Band5	3	20635	1	#Max	16QAM	849.01	-18.98	-13	PASS
Band5	3	20635	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

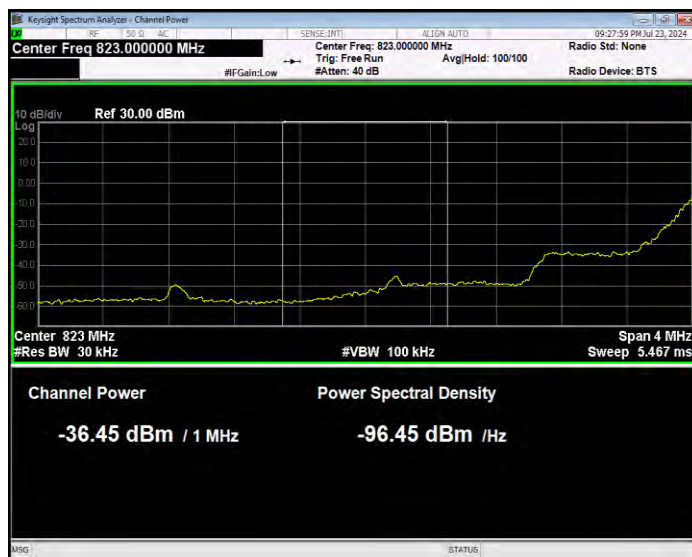
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0 Extended



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



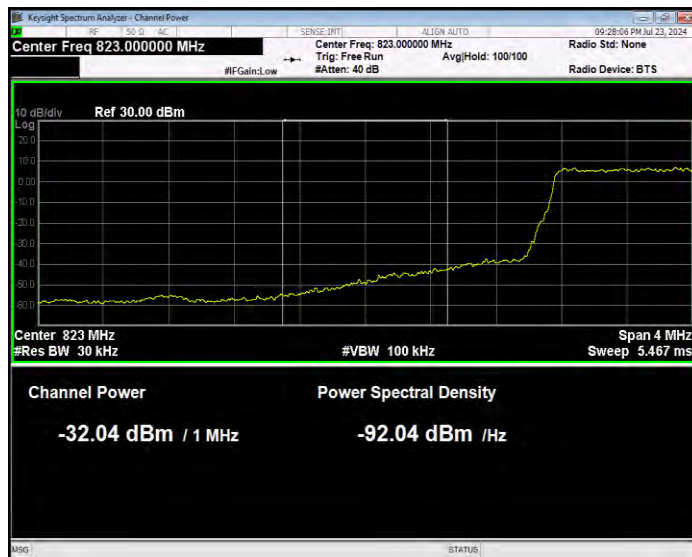
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#Max Extended



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



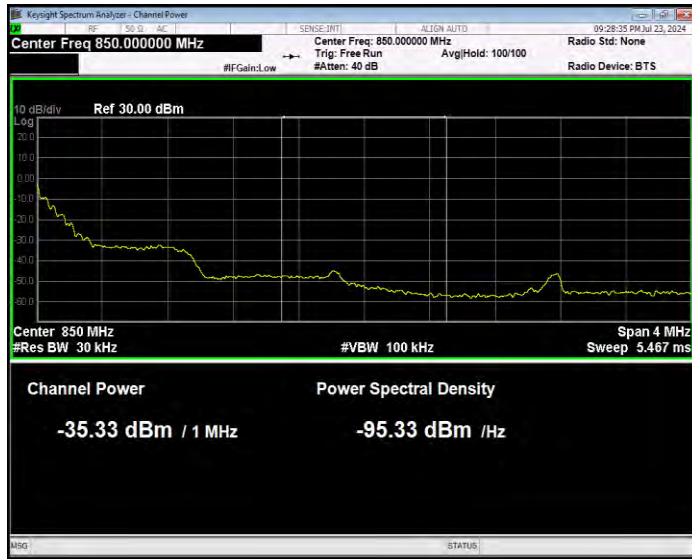
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 Extended



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



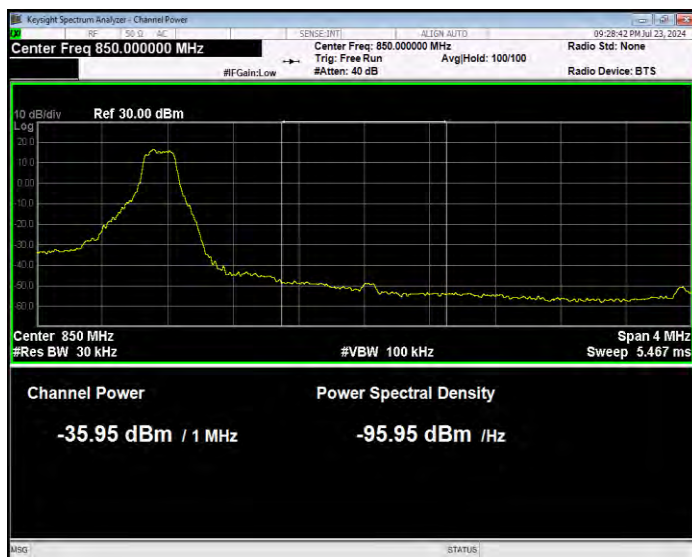
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0 Extended



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



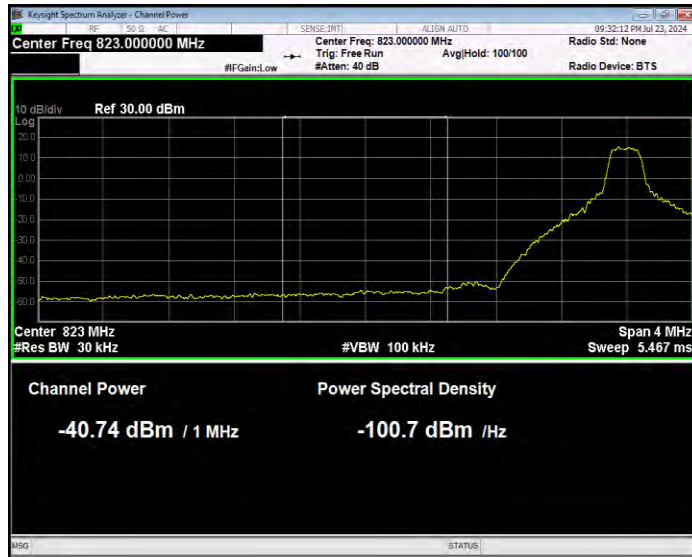
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 Extended



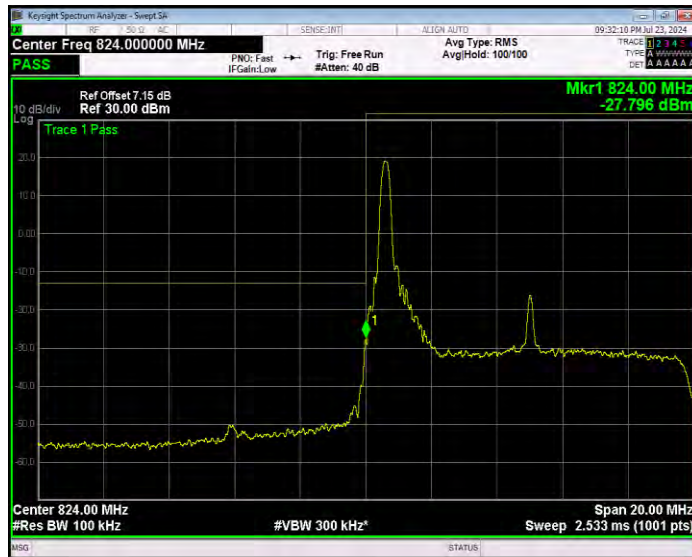
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 Normal



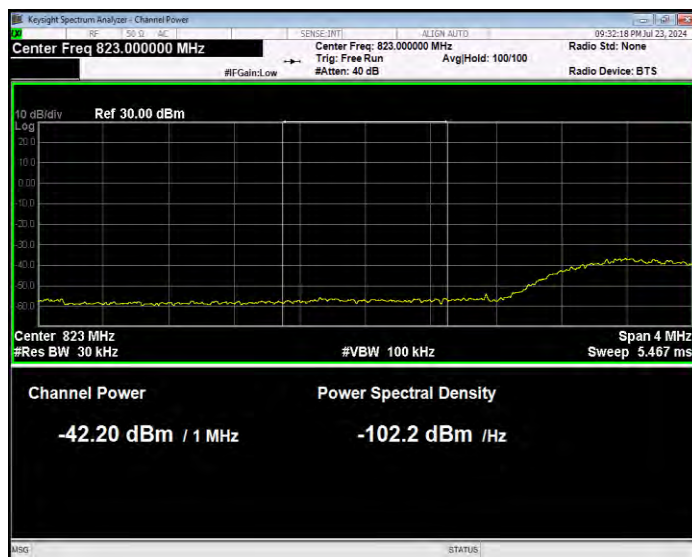
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0 Extended



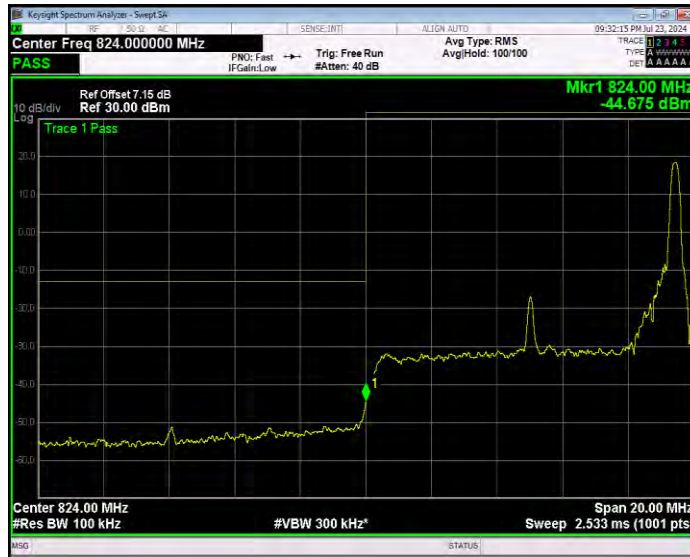
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0 Normal



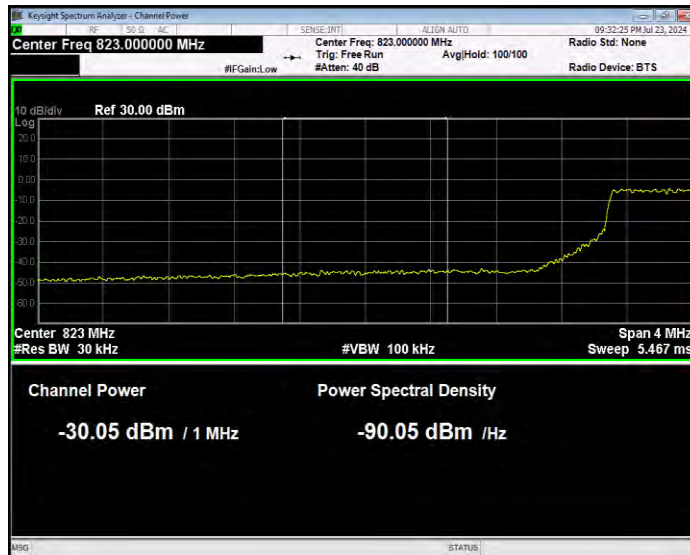
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#Max Extended



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



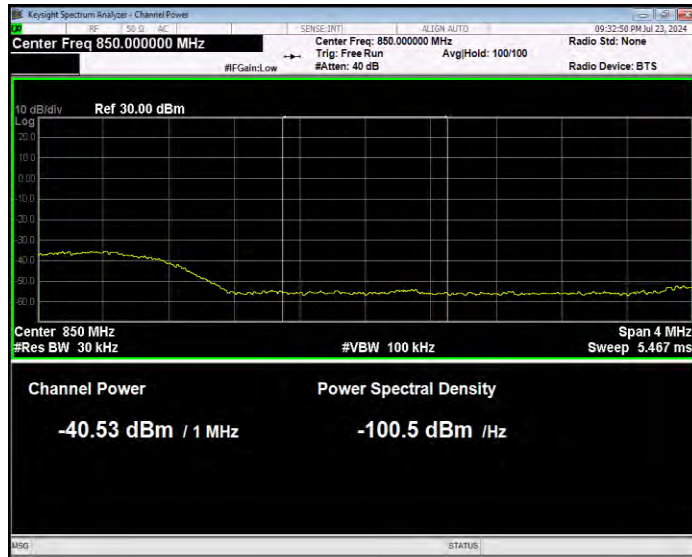
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0 Extended



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



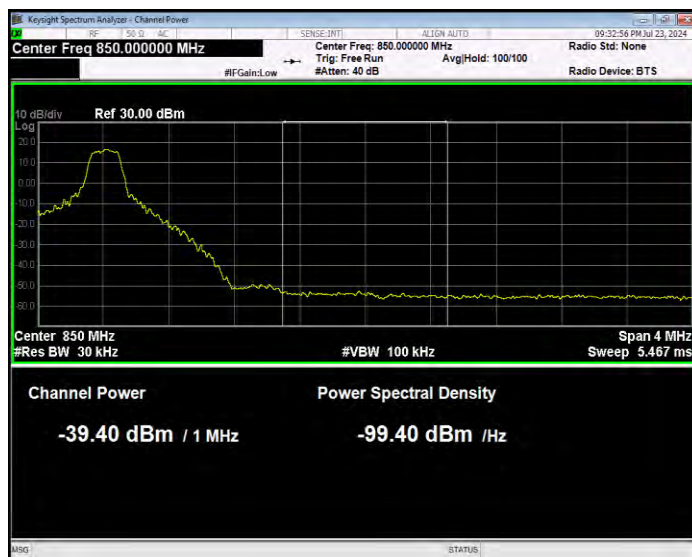
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0 Extended



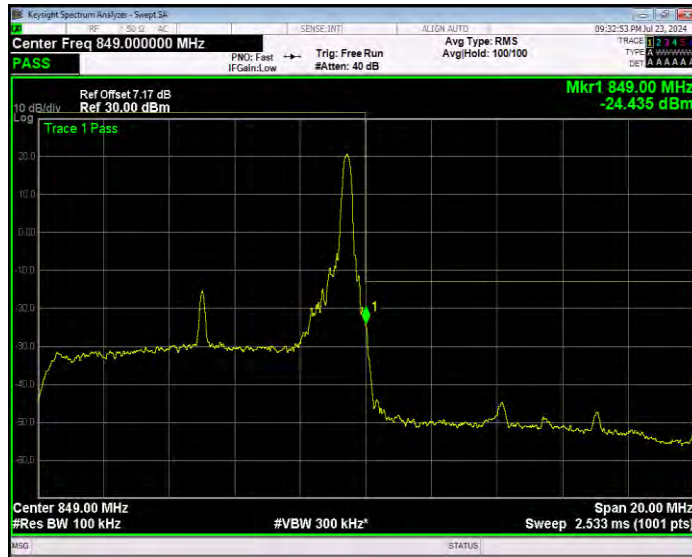
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0 Normal



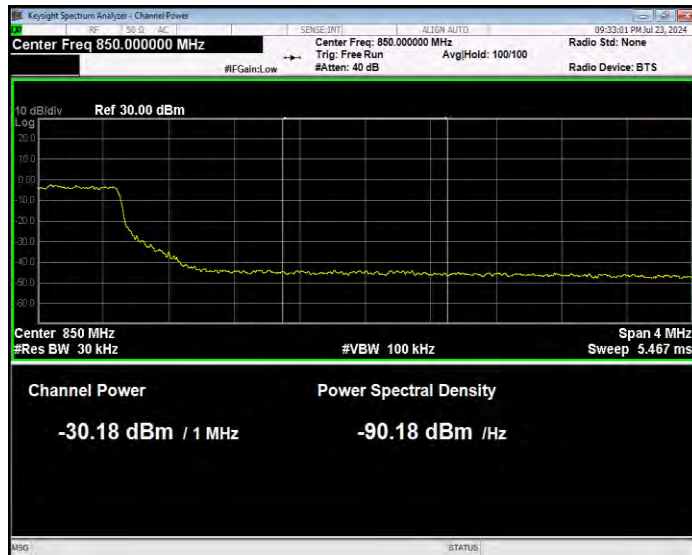
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#Max Extended



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



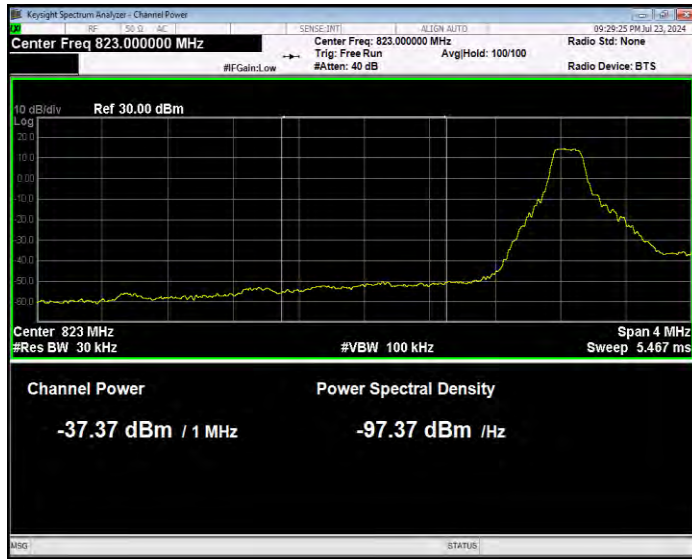
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0 Extended



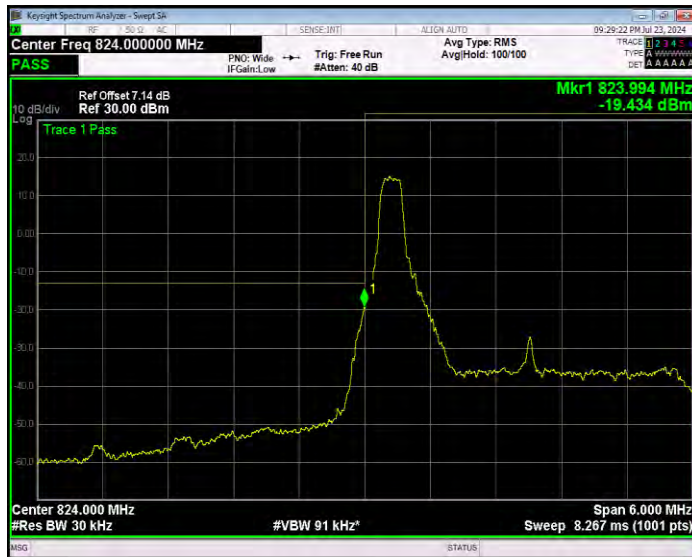
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0 Normal



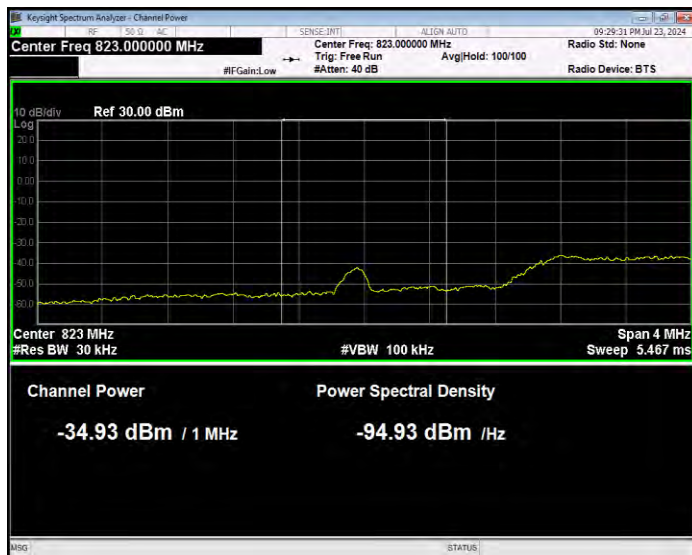
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0 Extended



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



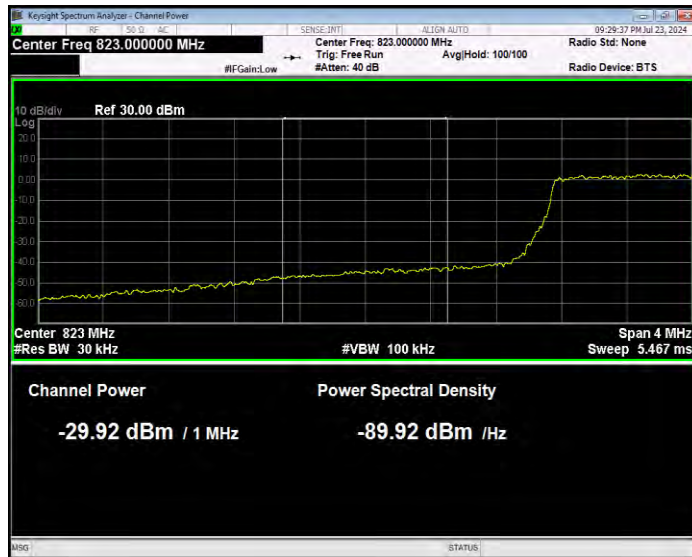
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#Max Extended



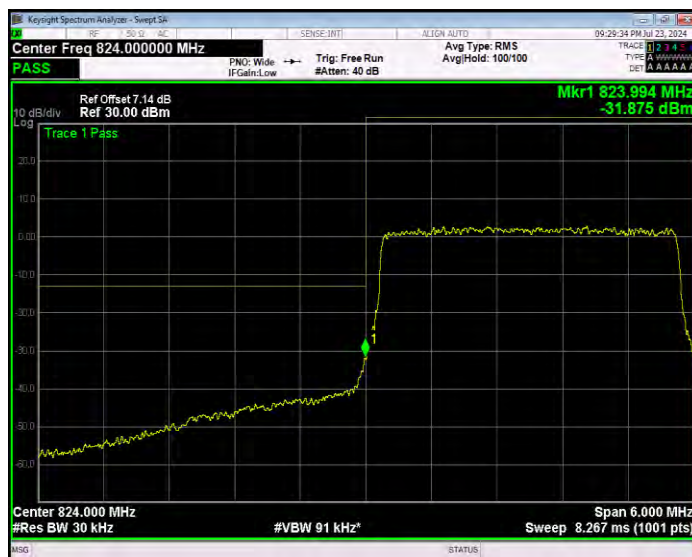
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#Max Normal



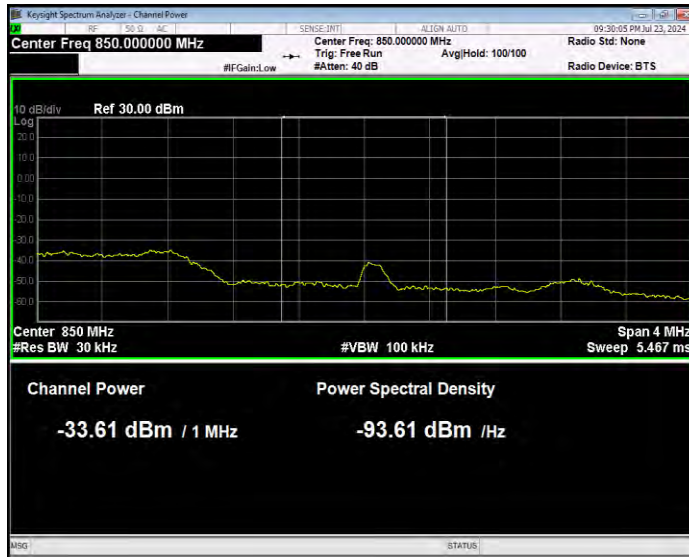
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 Extended



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



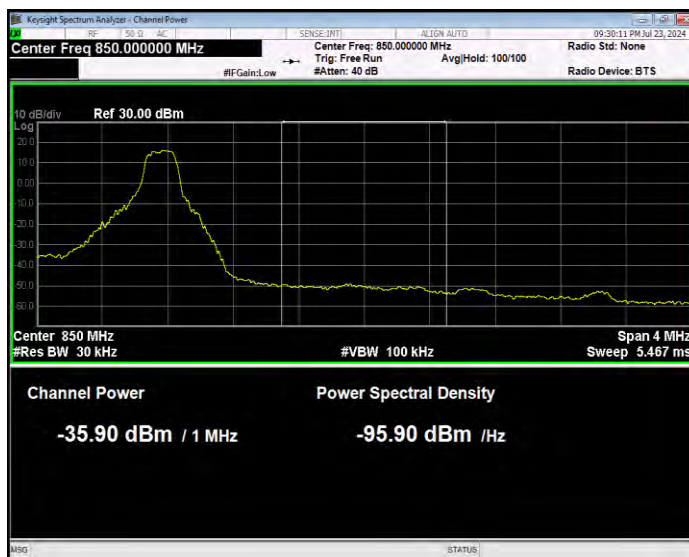
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0 Extended



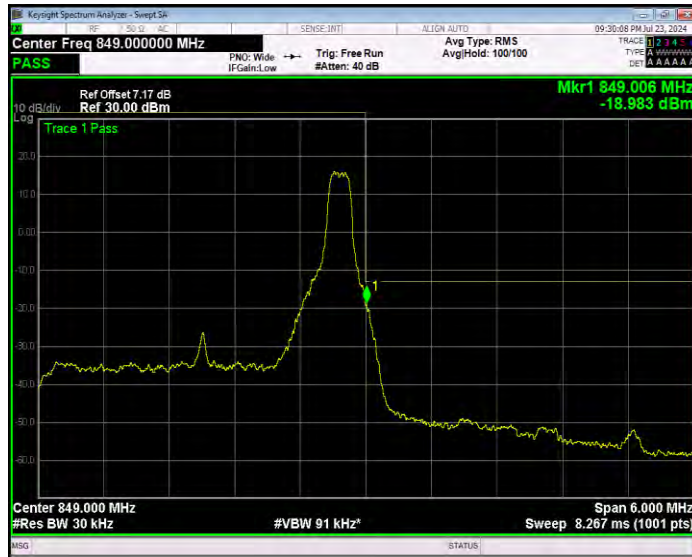
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0 Normal



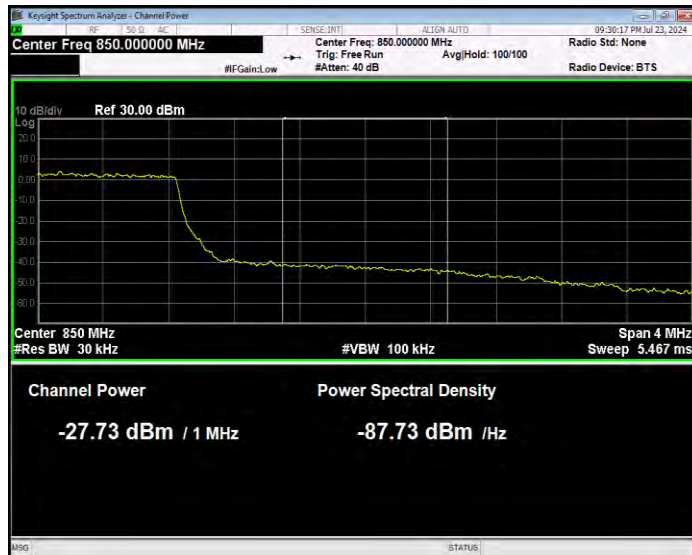
Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#Max Extended



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



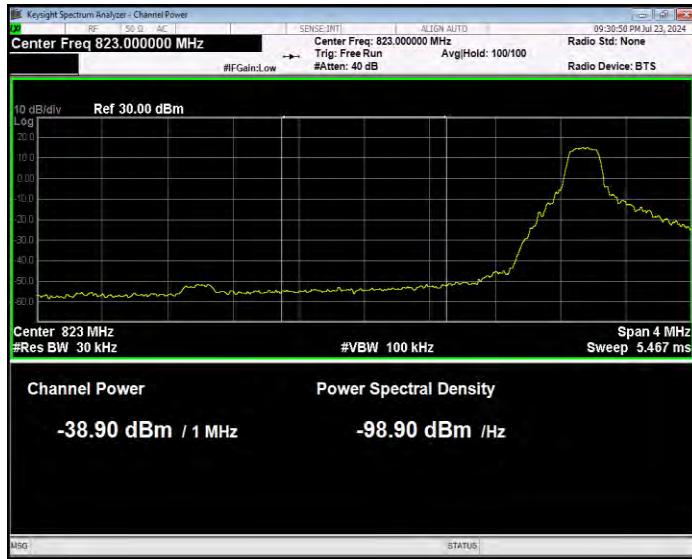
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0 Extended



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



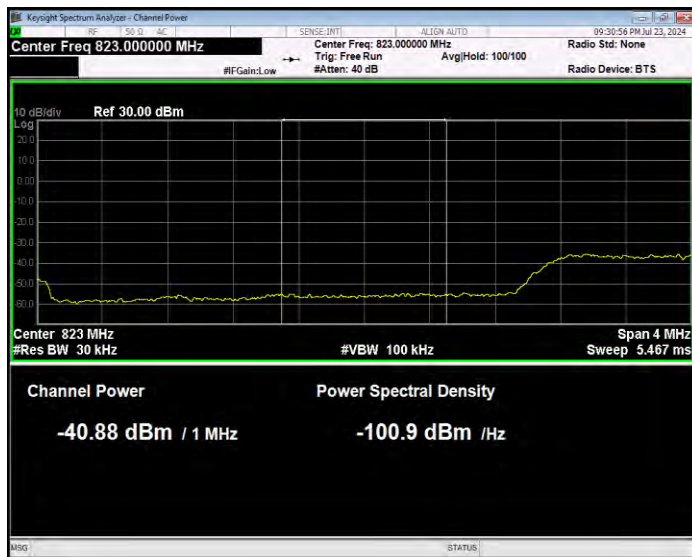
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0 Extended



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



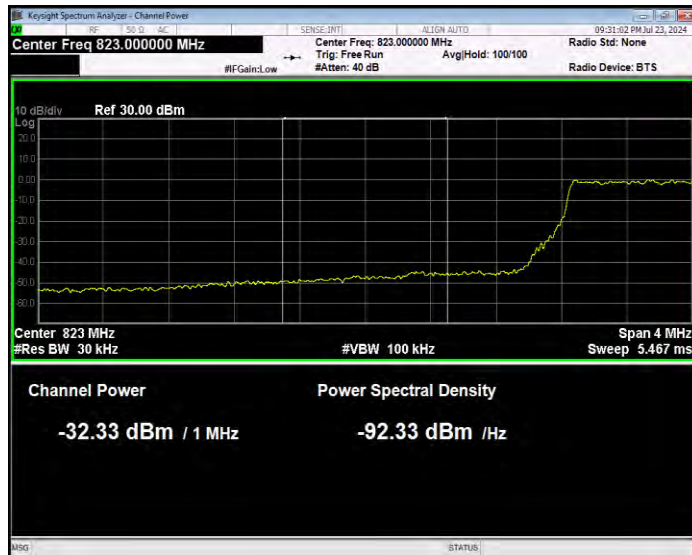
Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#Max Extended



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



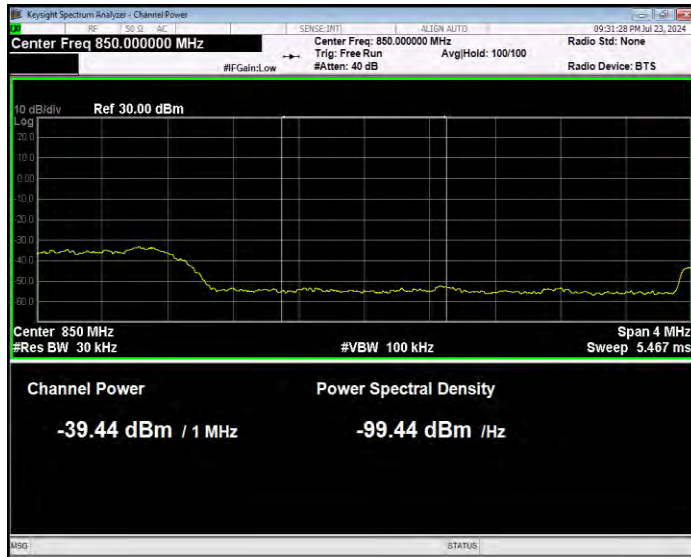
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 Extended



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



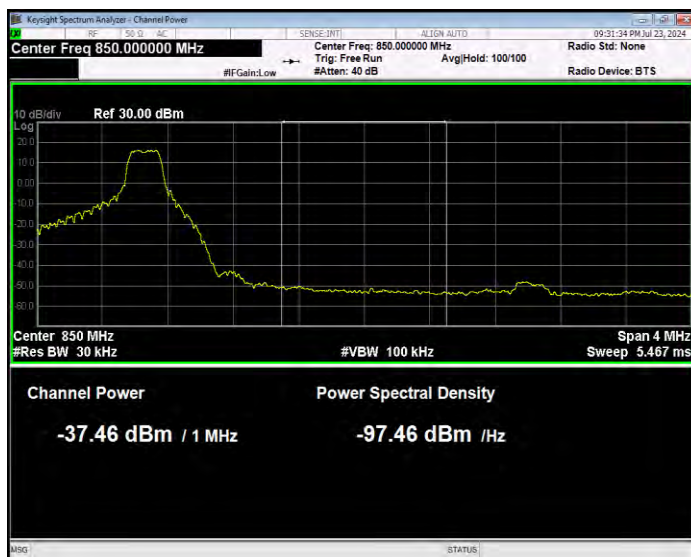
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0 Extended



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



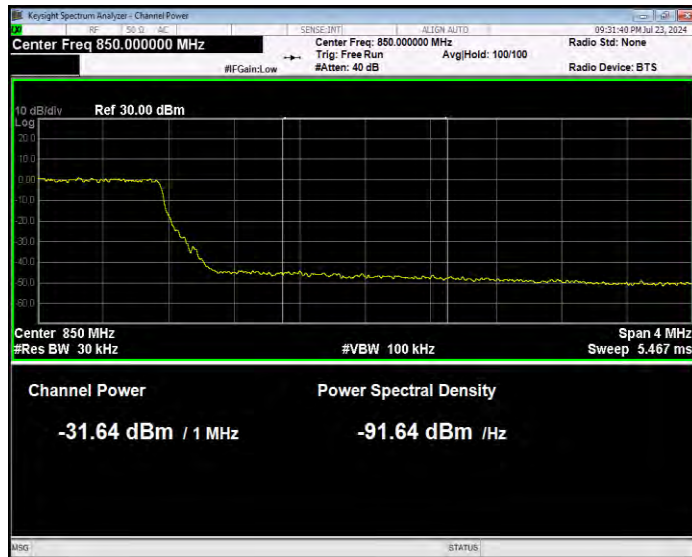
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#Max Extended



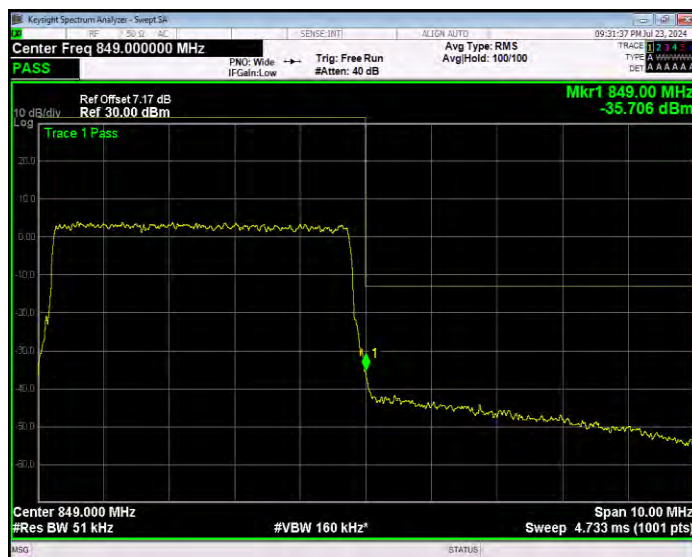
Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#Max Normal



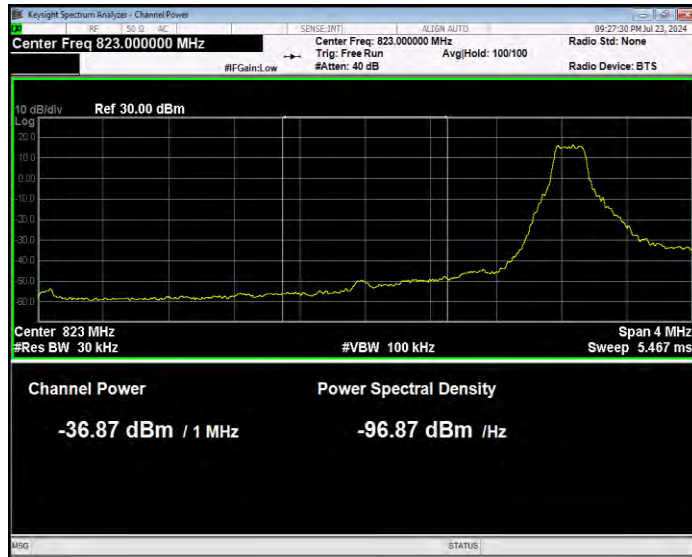
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0 Extended



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



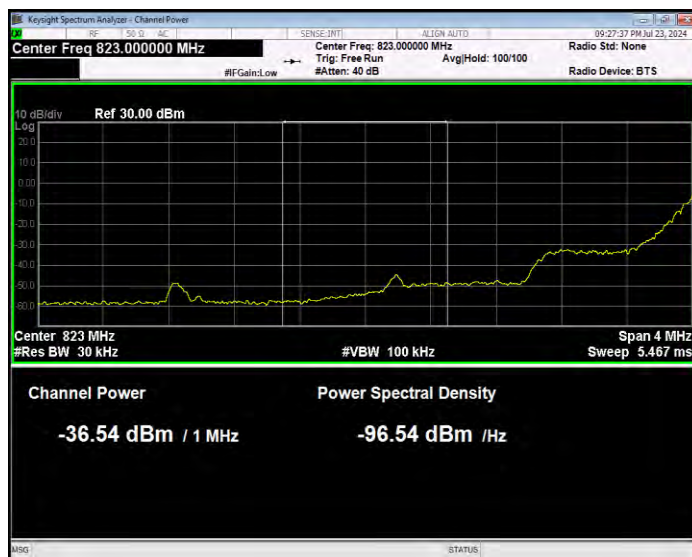
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0 Extended



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



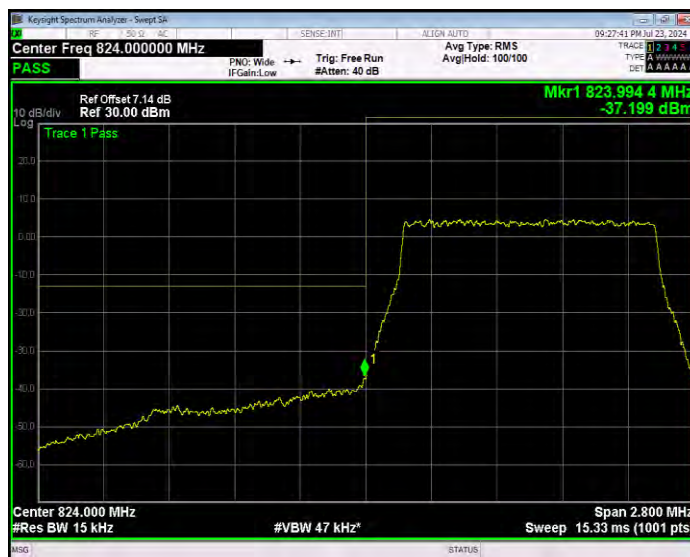
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#Max Normal



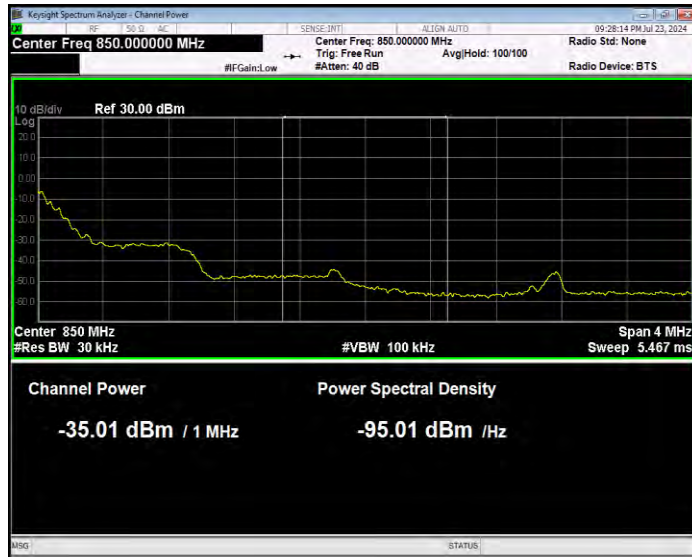
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 Extended



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



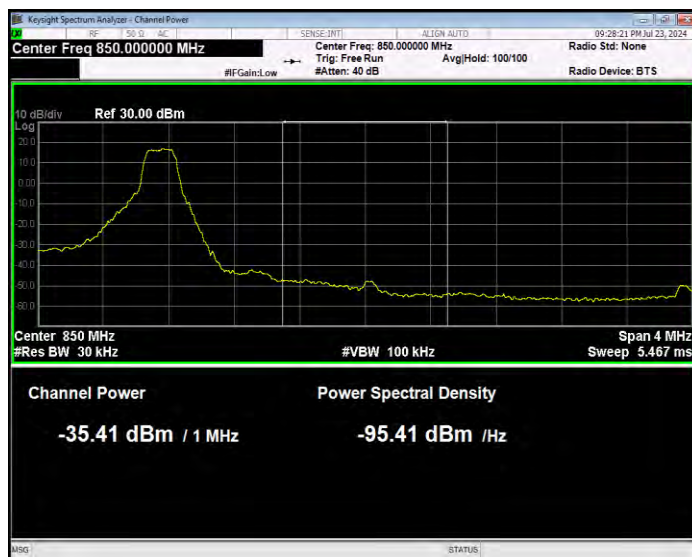
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0 Extended



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



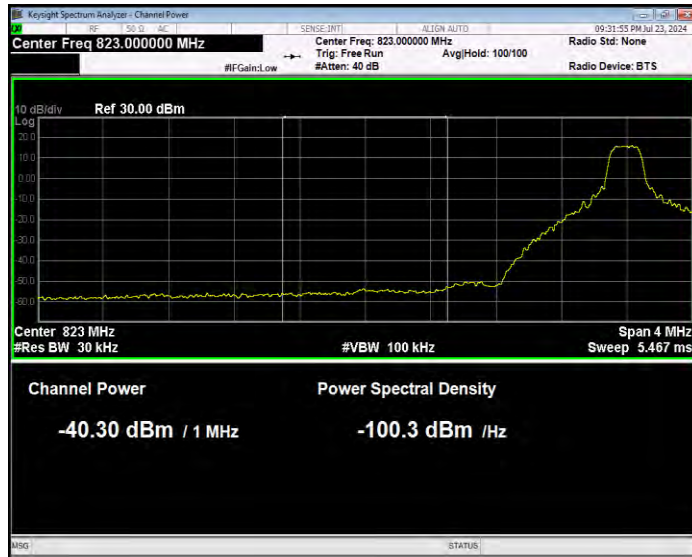
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 Extended



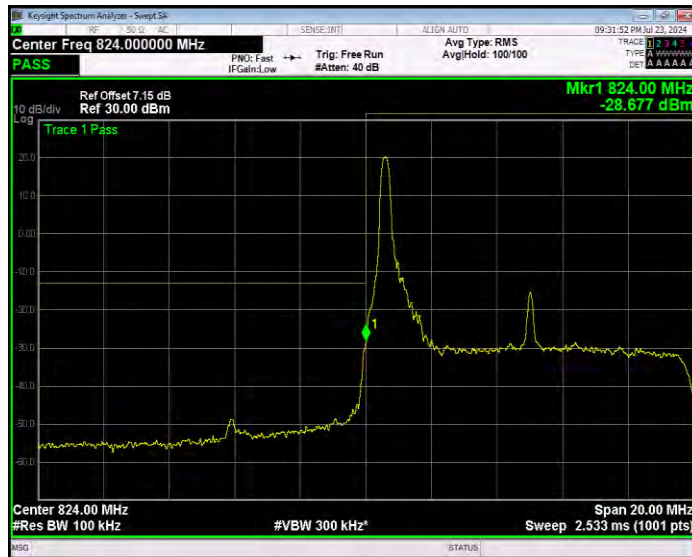
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 Normal



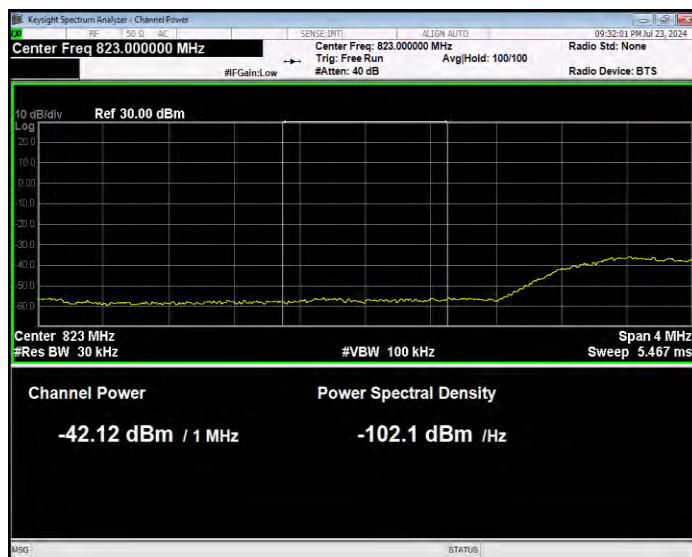
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0 Extended



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



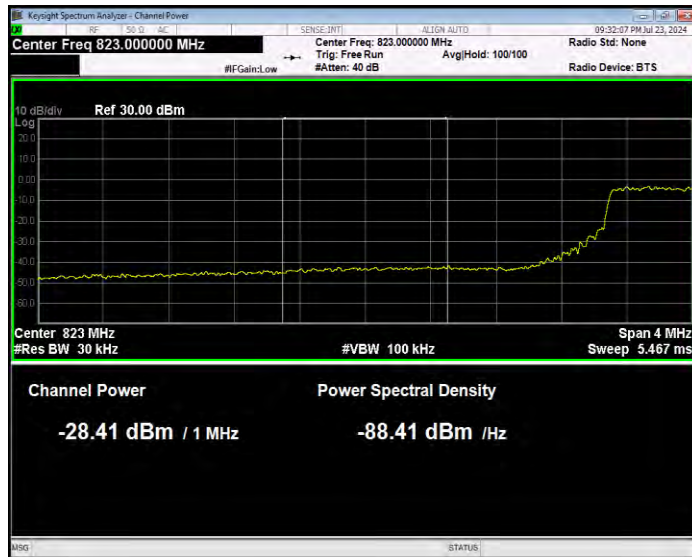
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#Max Extended



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



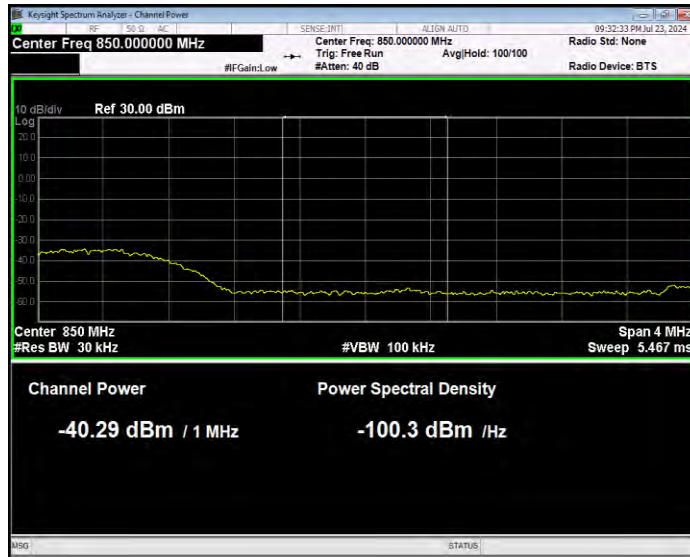
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 Extended



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



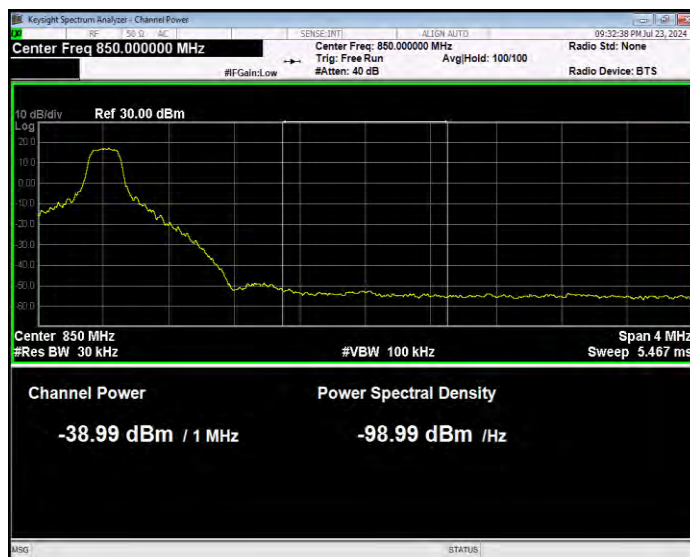
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0 Extended



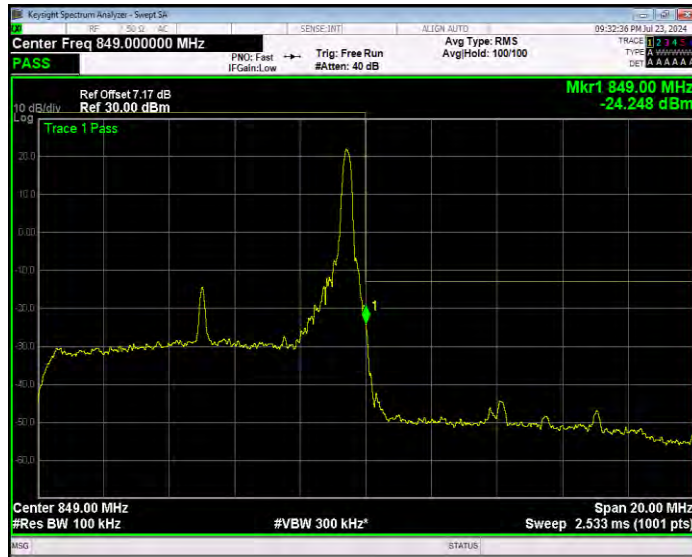
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#0 Normal



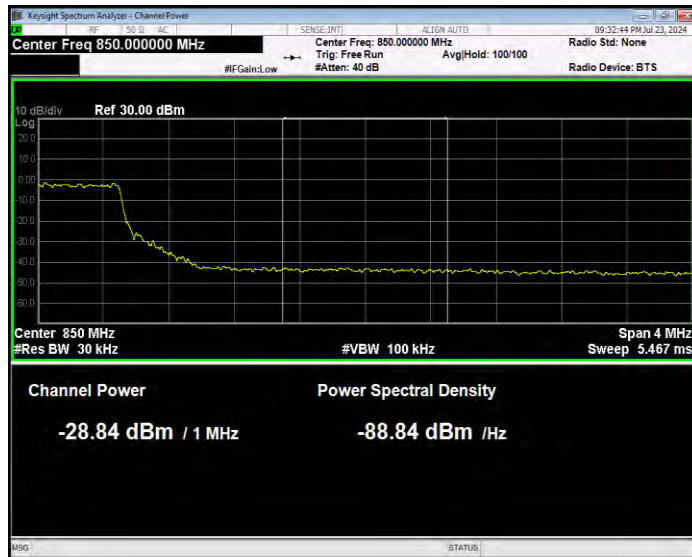
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#Max Extended



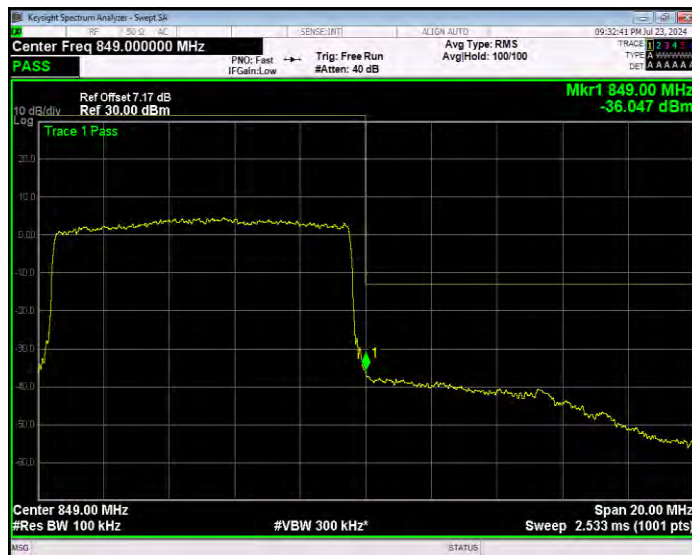
Band5 QPSK BW=10MHz Channel=20600 RB Size=1 Position=#Max Normal



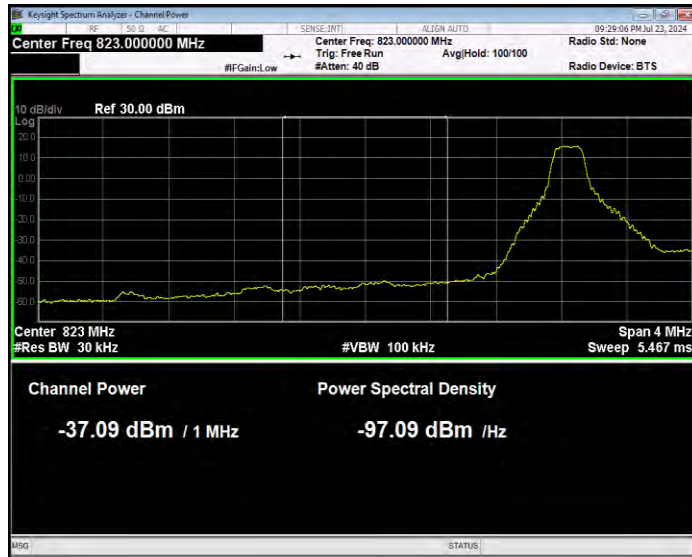
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0 Extended



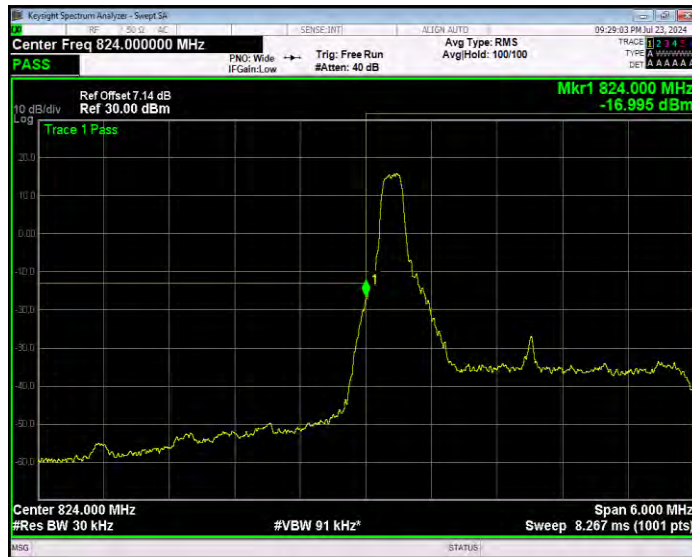
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0 Normal



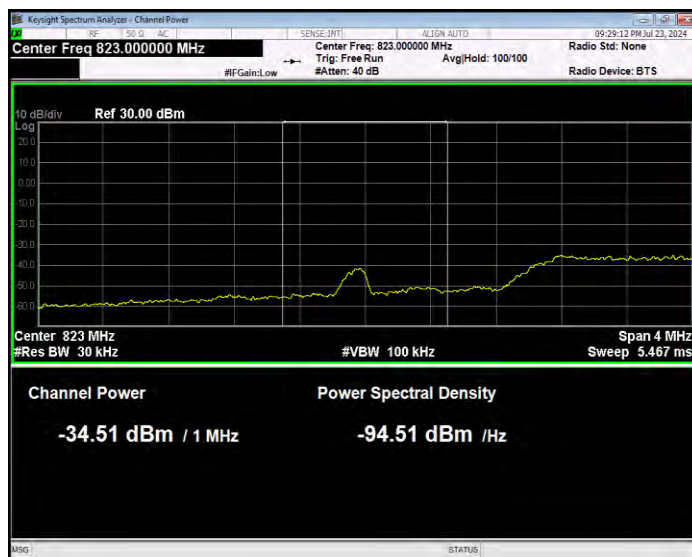
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0 Extended



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



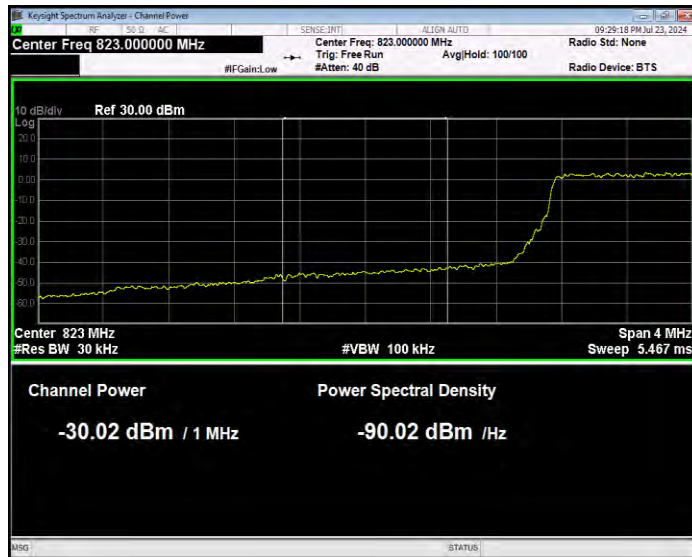
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#Max Extended



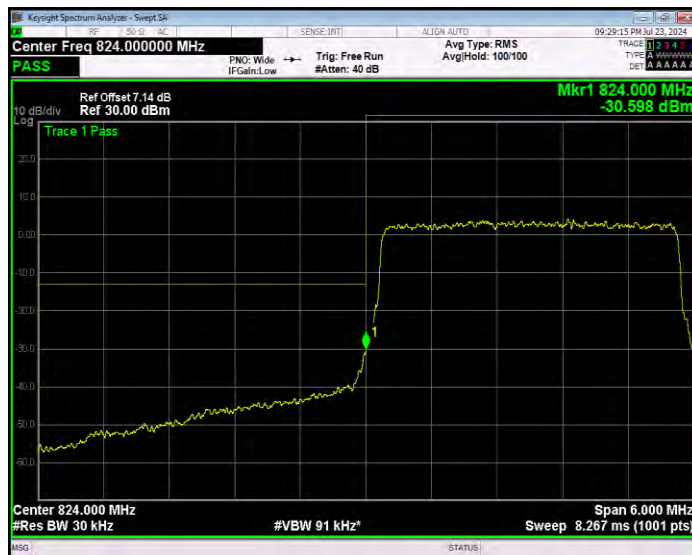
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#Max Normal



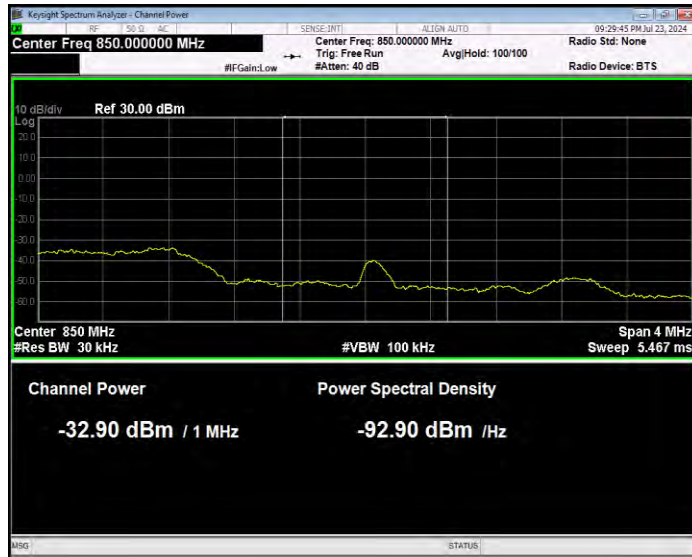
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 Extended



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



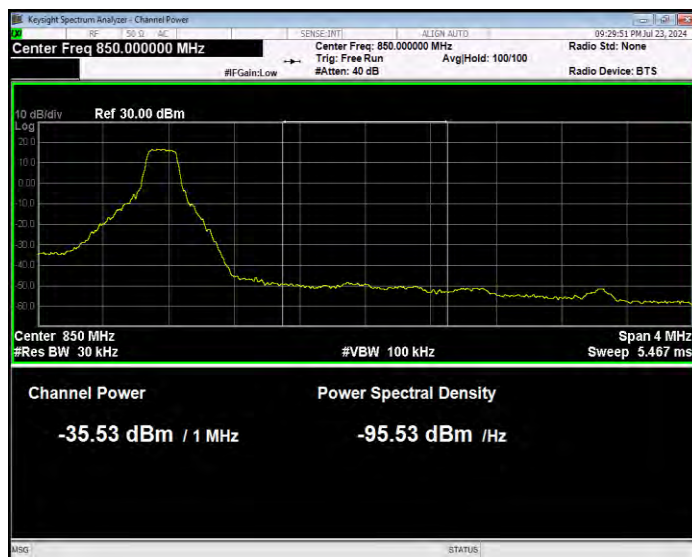
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0 Extended



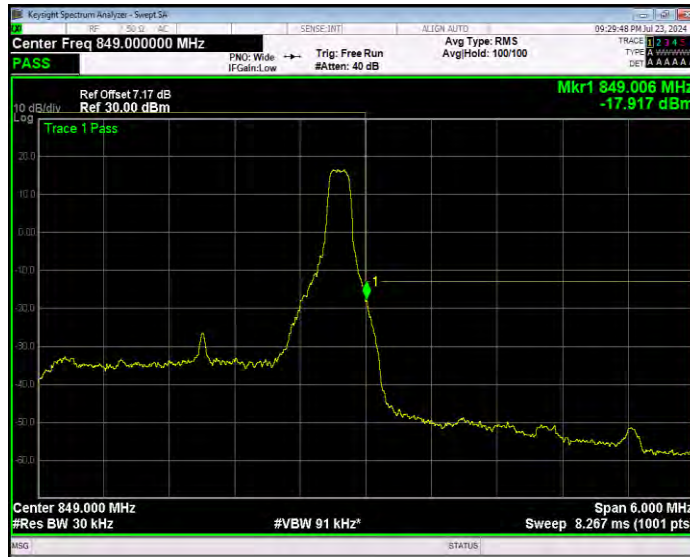
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#0 Normal



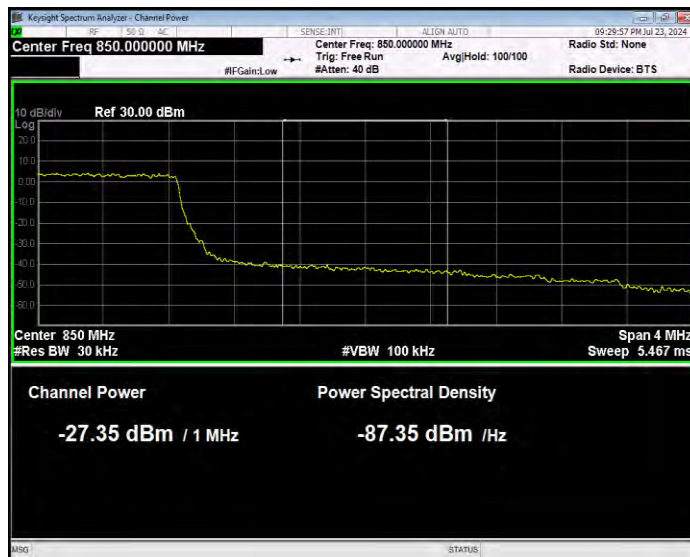
Band5 QPSK BW=3MHz Channel=20635 RB Size=1 Position=#Max Extended



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



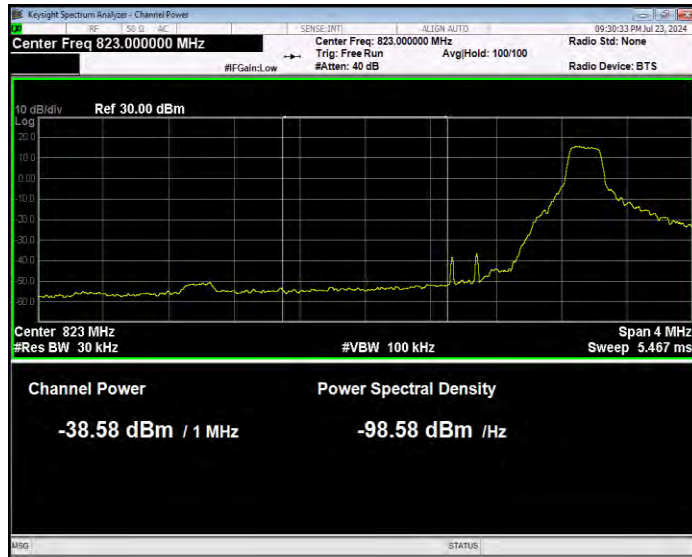
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 Extended



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



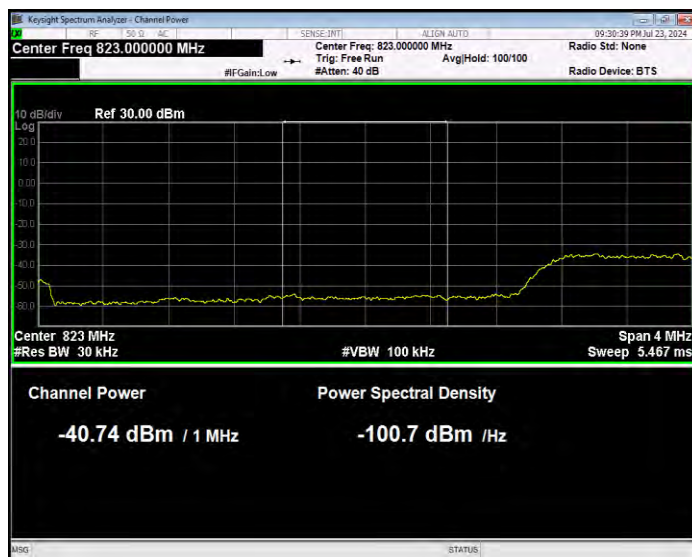
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0 Extended



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



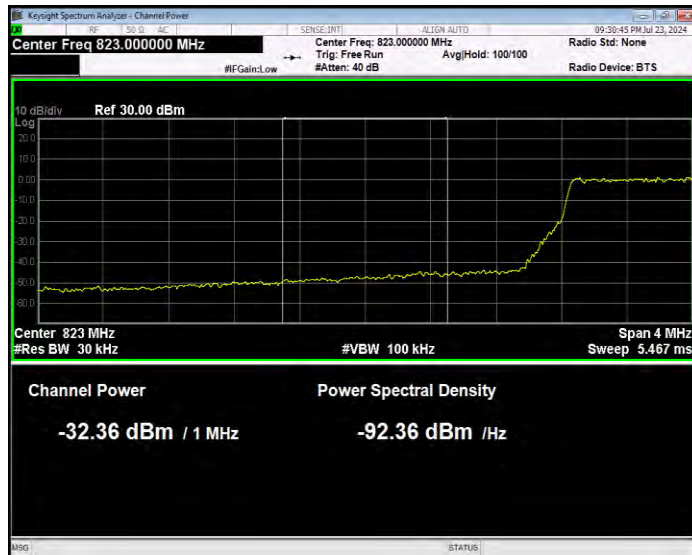
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#Max Extended



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



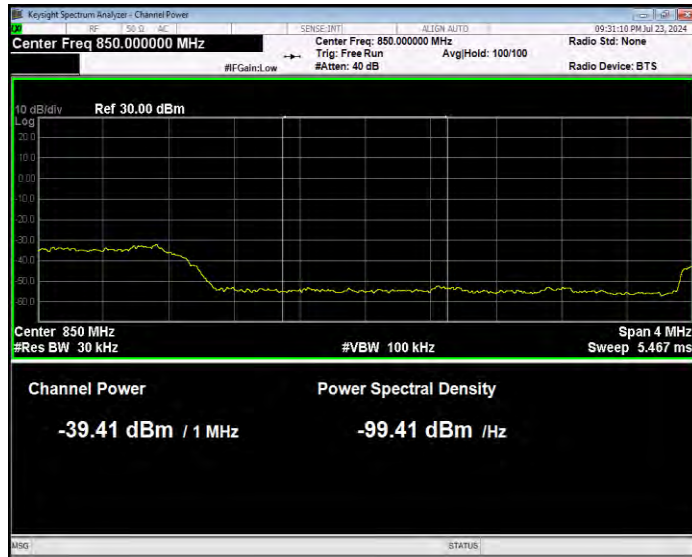
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 Extended



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



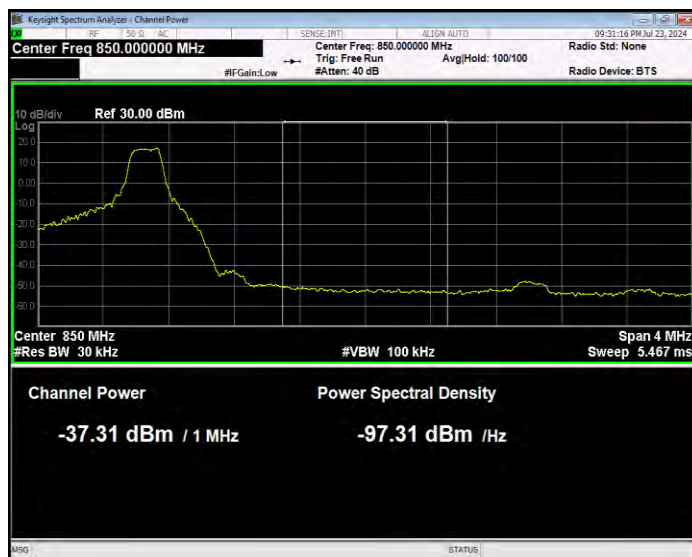
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0 Extended



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



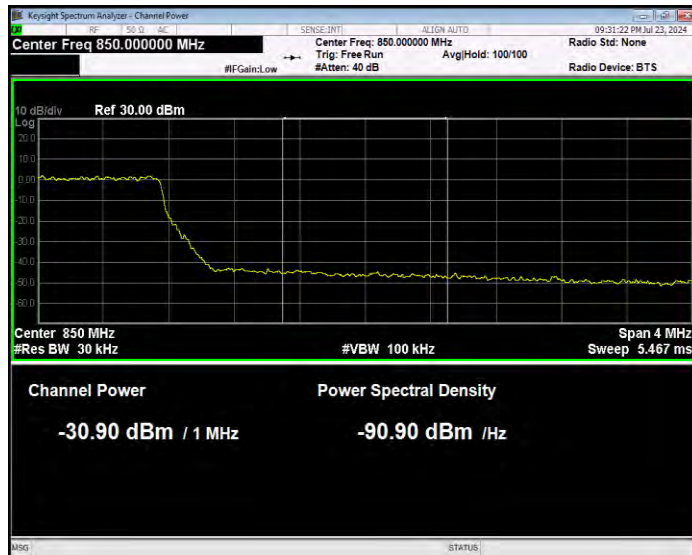
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#Max Extended



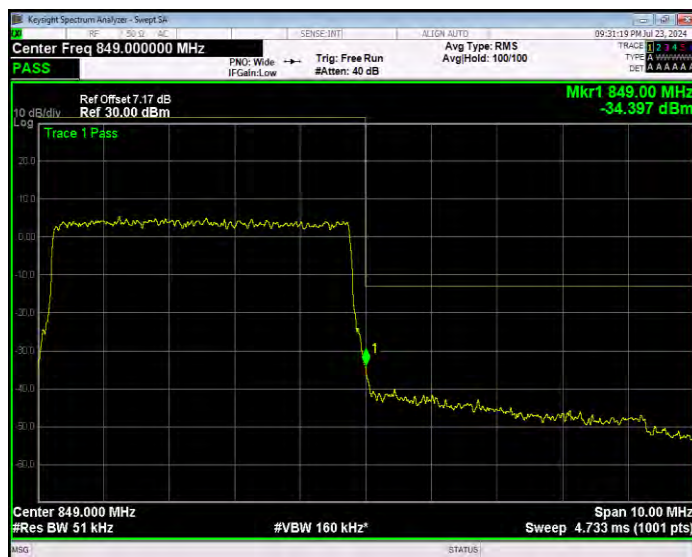
Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#Max Normal



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



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

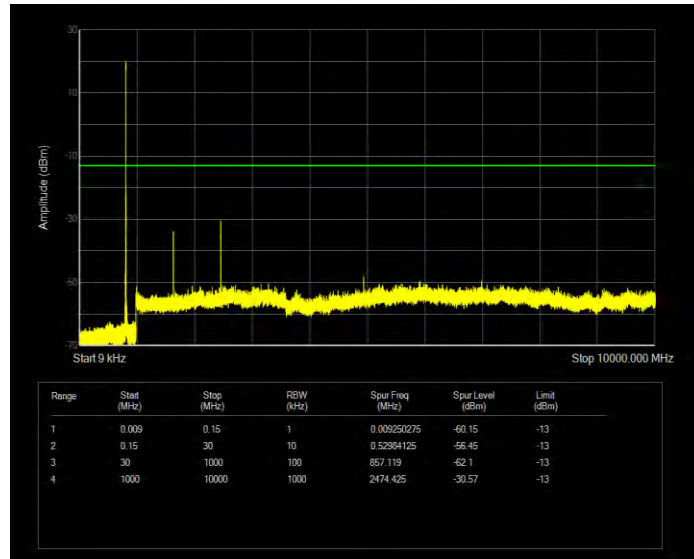


5. Conducted Spurious Emission

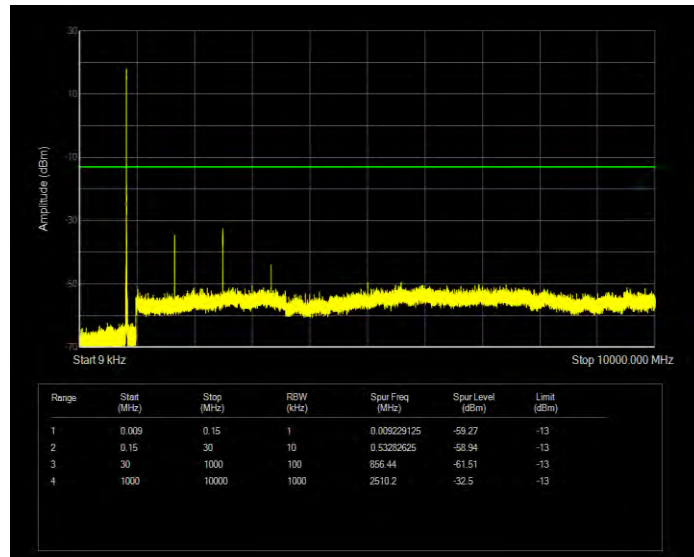
Test Result

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

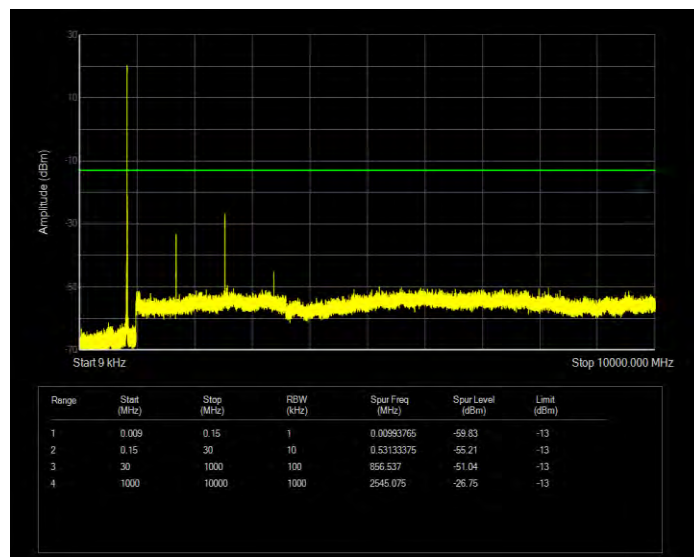
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0



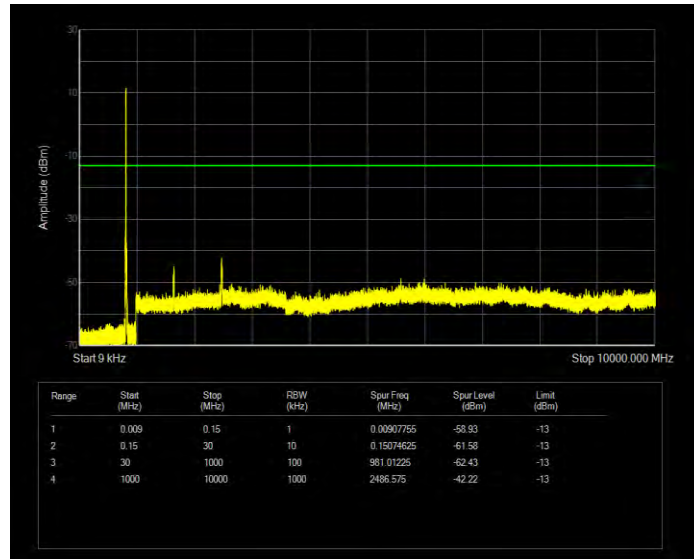
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



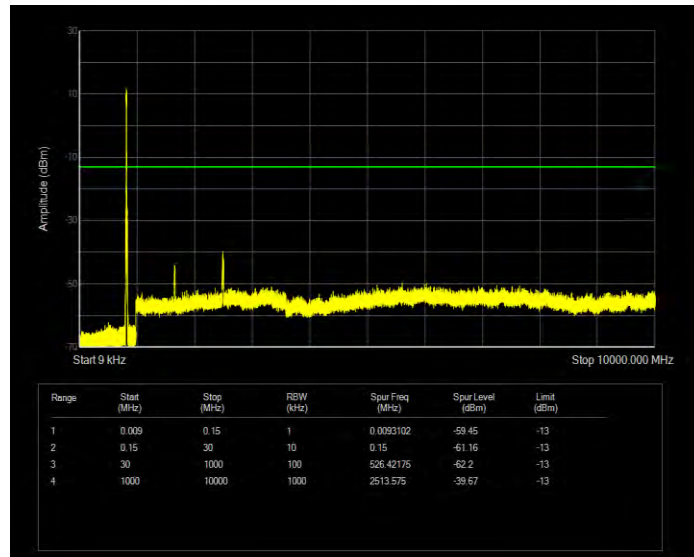
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0



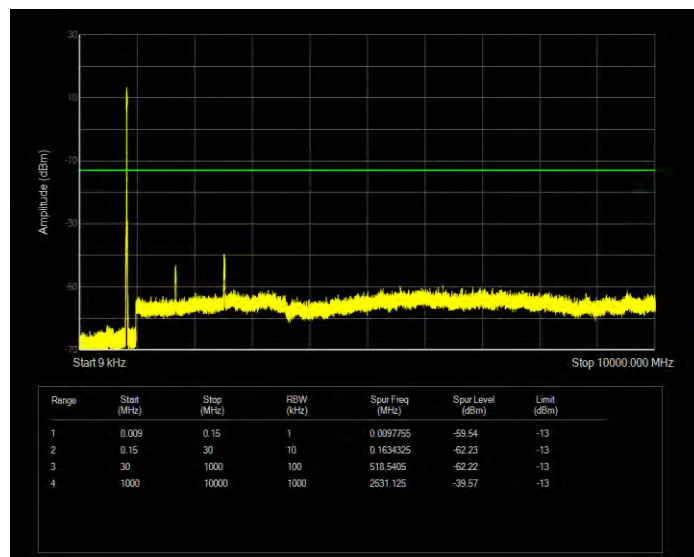
Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0



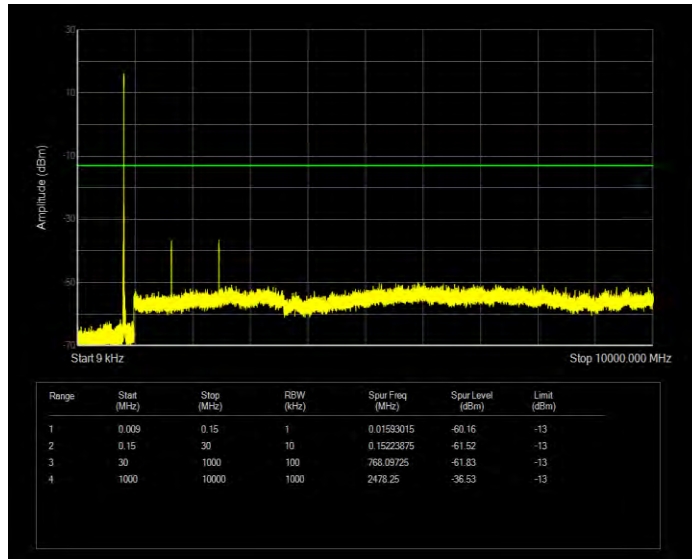
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



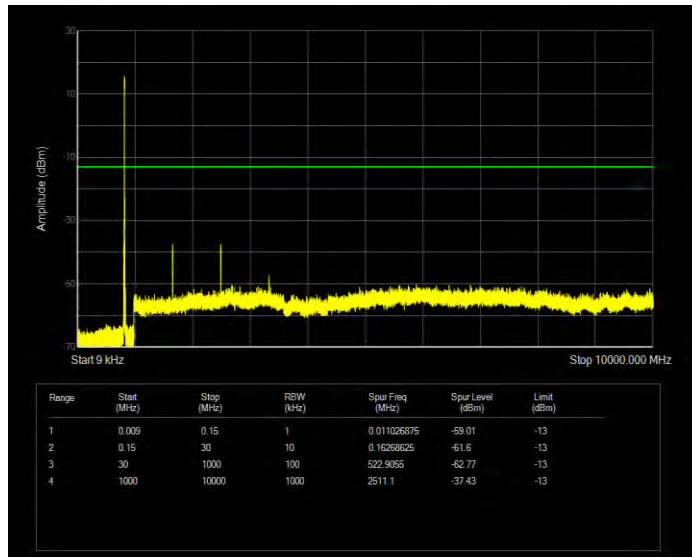
Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0



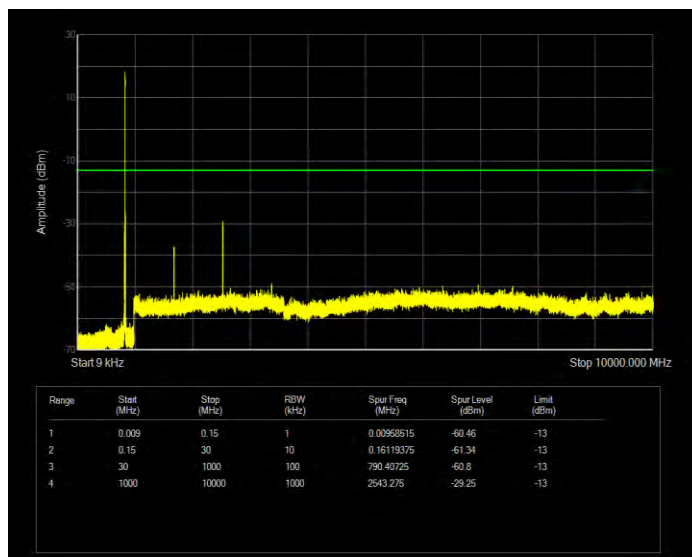
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0



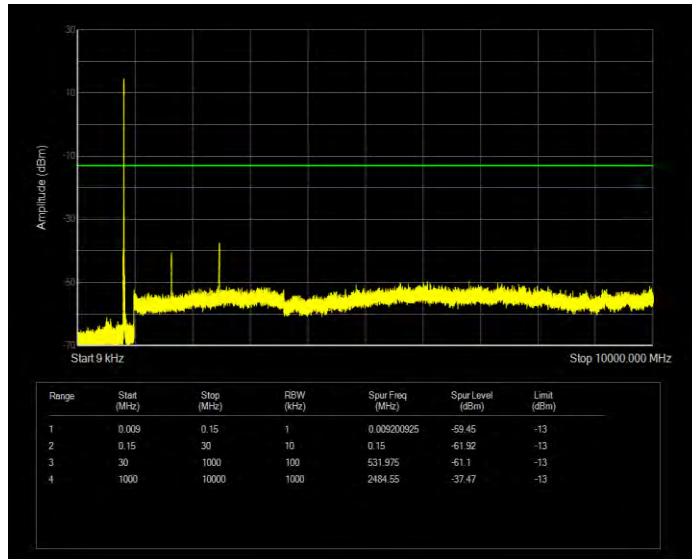
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



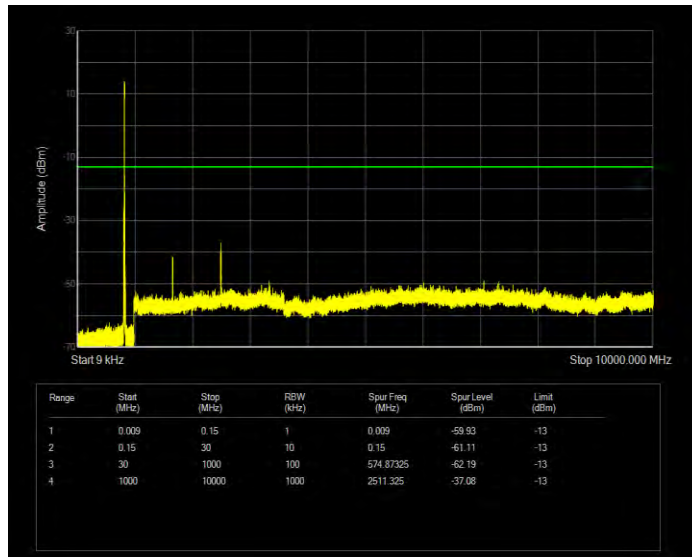
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0



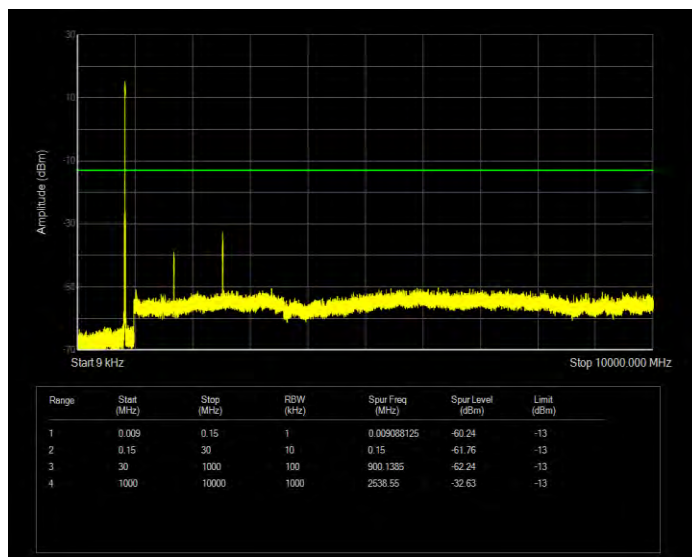
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0



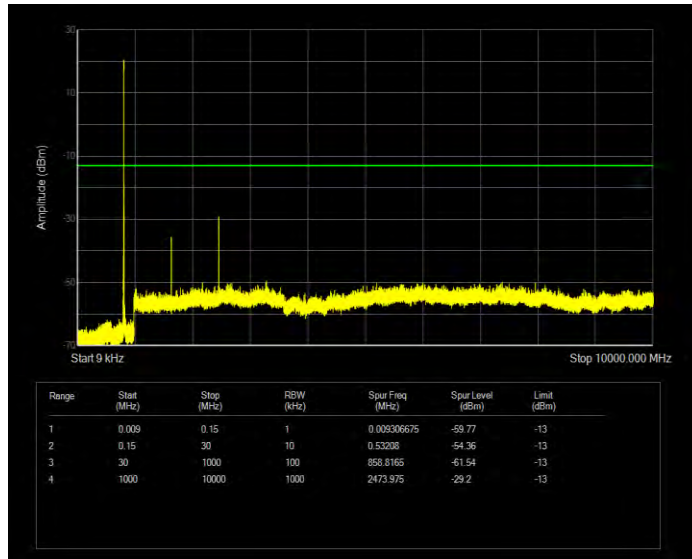
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



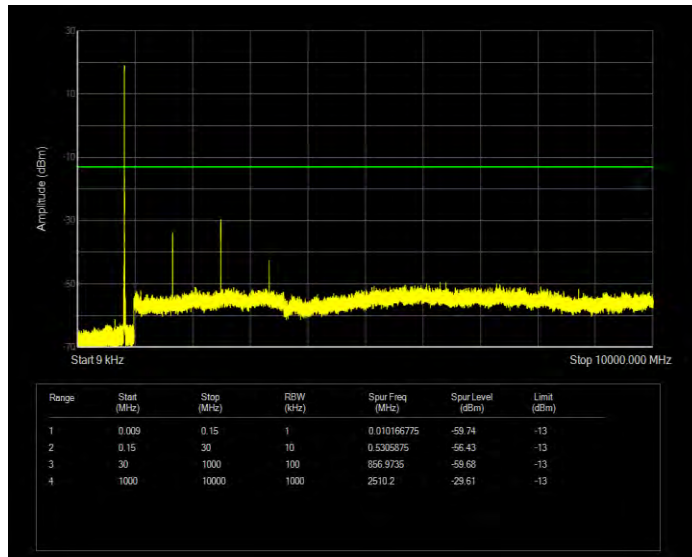
Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0



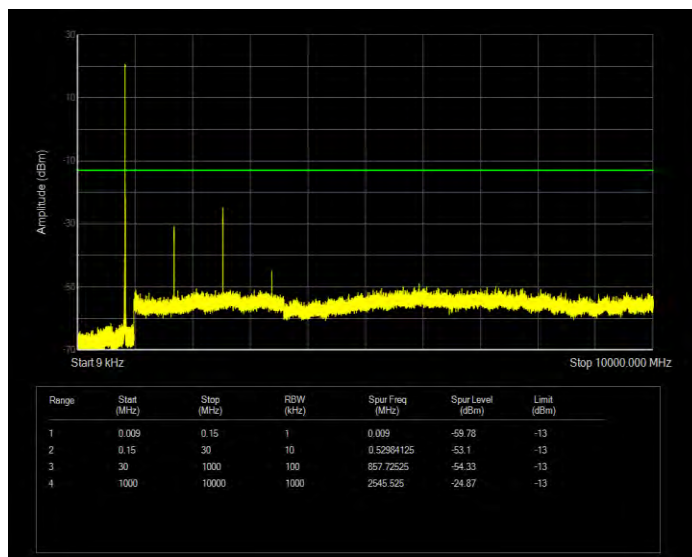
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



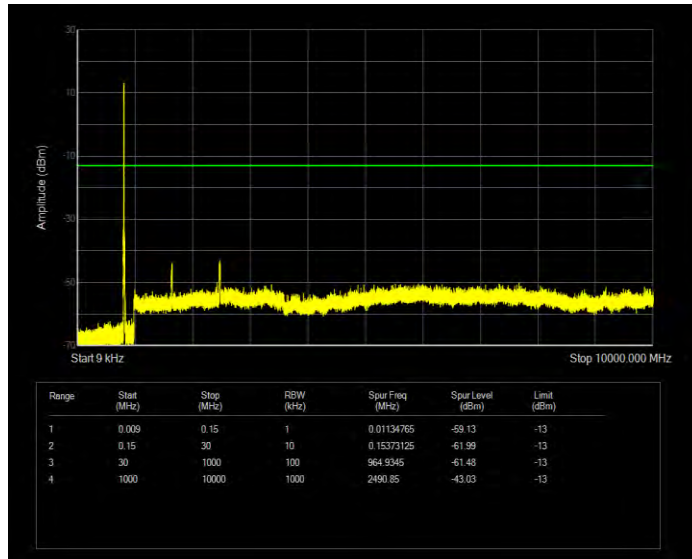
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



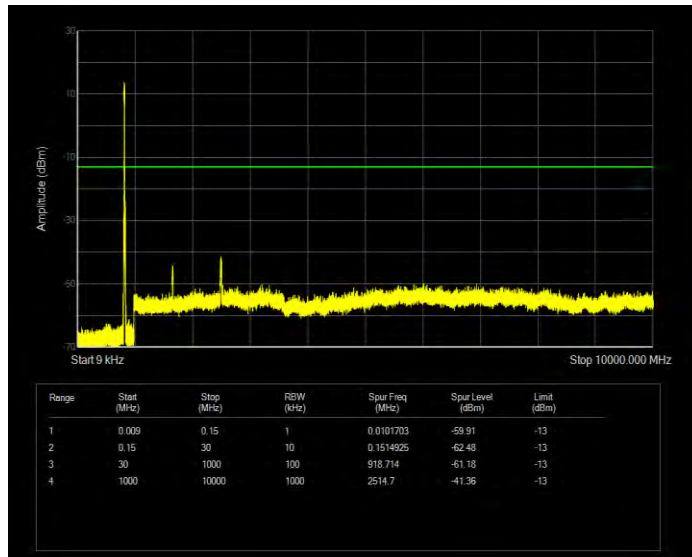
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



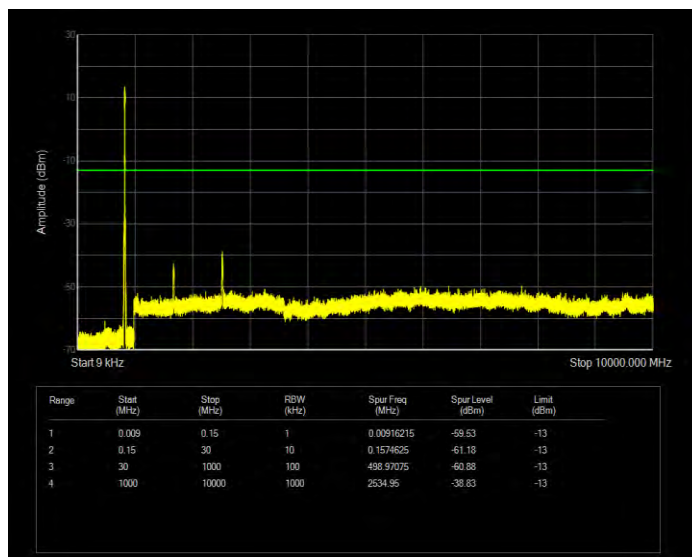
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0



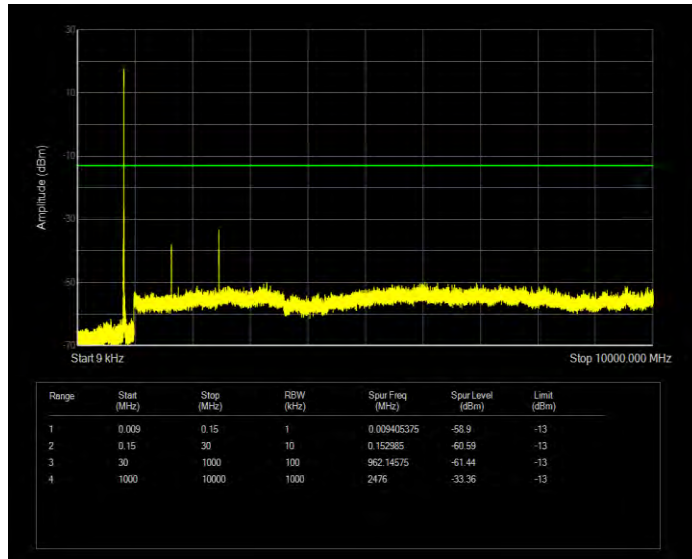
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



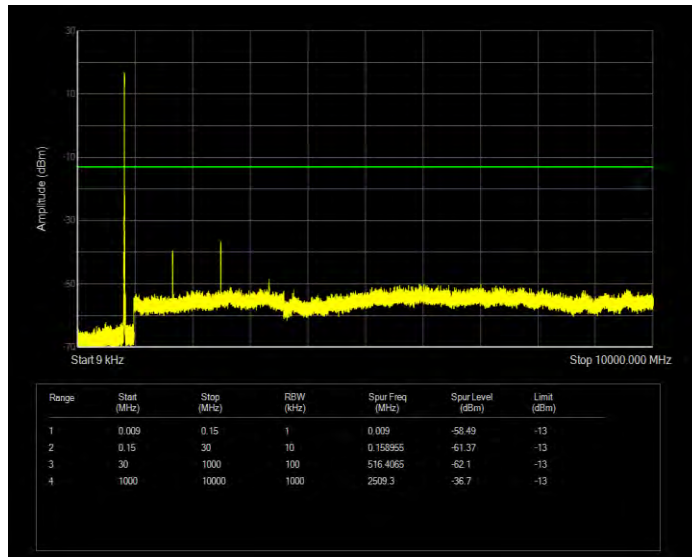
Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0



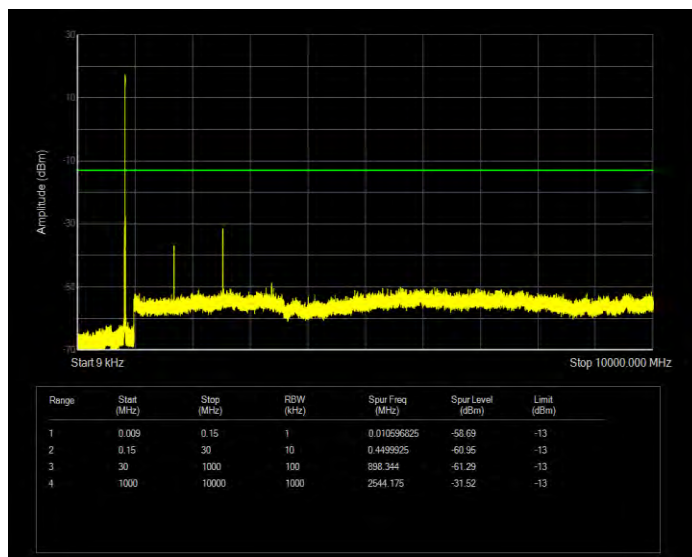
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



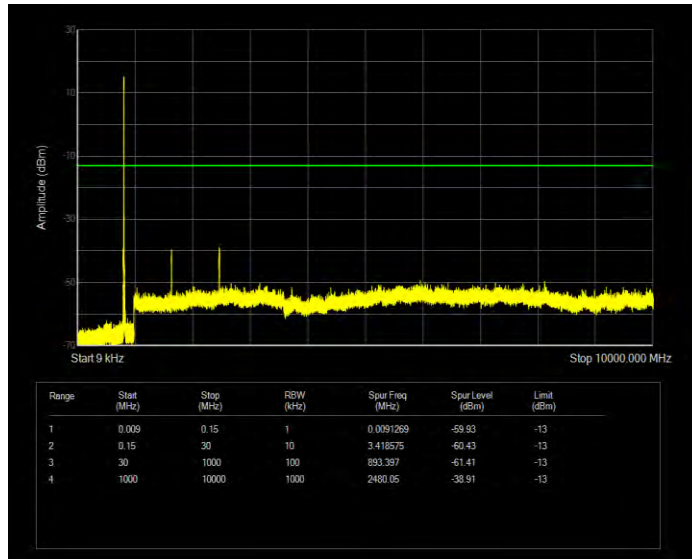
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



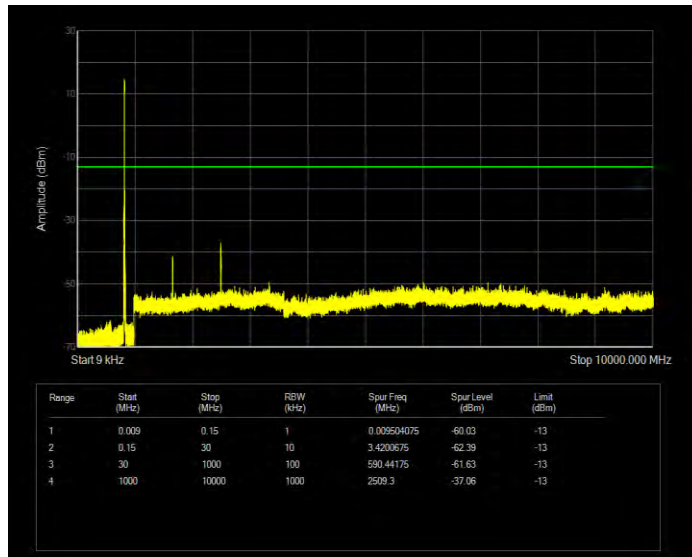
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0



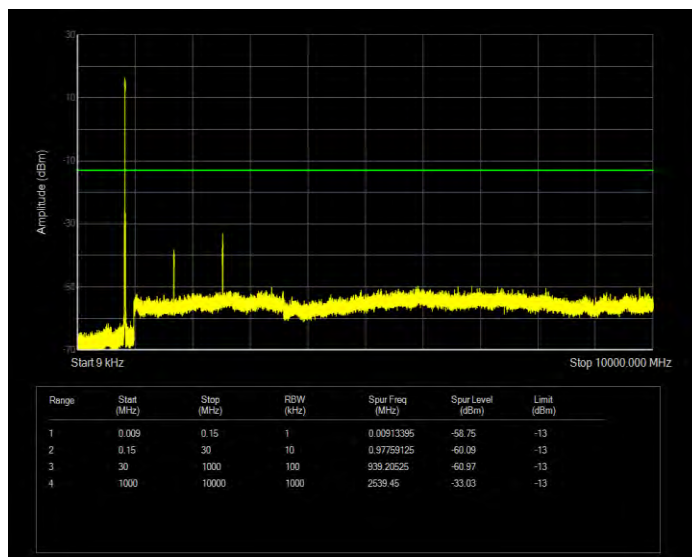
Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0



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