

TEST REPORT

Product Name:	PoC Network Radio
Test Model(s):	TD-M15
FCC ID:	2A4FBTD-M15

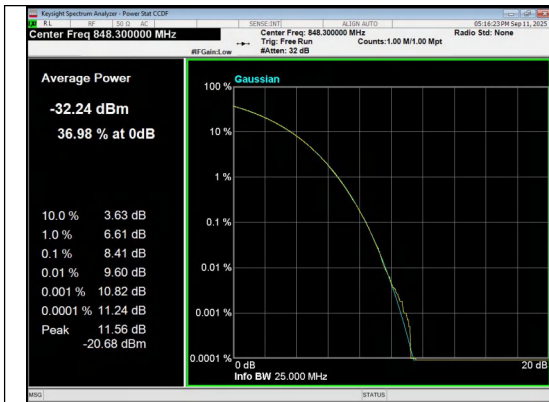
Transmitter Conducted Output Power

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	(Limit) (dBm)	Verdict
5	1.4	20643	848.3	QPSK	1@0	22.8	38.45	PASS
5	1.4	20643	848.3	QPSK	1@2	23.44	38.45	PASS
5	1.4	20643	848.3	QPSK	1@5	21.18	38.45	PASS
5	1.4	20643	848.3	QPSK	3@0	23.41	38.45	PASS
5	1.4	20643	848.3	QPSK	3@1	22.96	38.45	PASS
5	1.4	20643	848.3	QPSK	3@2	21.13	38.45	PASS
5	1.4	20643	848.3	QPSK	6@0	22.7	38.45	PASS
5	1.4	20643	848.3	16QAM	1@0	22.84	38.45	PASS
5	1.4	20643	848.3	16QAM	1@2	21.96	38.45	PASS
5	1.4	20643	848.3	16QAM	1@5	22.75	38.45	PASS
5	1.4	20643	848.3	16QAM	3@0	21.02	38.45	PASS
5	1.4	20643	848.3	16QAM	3@1	22.69	38.45	PASS
5	1.4	20643	848.3	16QAM	3@2	21.05	38.45	PASS
5	1.4	20643	848.3	16QAM	6@0	21.9	38.45	PASS
5	1.4	20525	836.5	QPSK	1@0	23.44	38.45	PASS
5	1.4	20525	836.5	QPSK	1@2	24.61	38.45	PASS
5	1.4	20525	836.5	QPSK	1@5	21.01	38.45	PASS
5	1.4	20525	836.5	QPSK	3@0	24.48	38.45	PASS
5	1.4	20525	836.5	QPSK	3@1	21.79	38.45	PASS
5	1.4	20525	836.5	QPSK	3@2	24.51	38.45	PASS
5	1.4	20525	836.5	QPSK	6@0	21.79	38.45	PASS
5	1.4	20525	836.5	16QAM	1@0	23.64	38.45	PASS
5	1.4	20525	836.5	16QAM	1@2	23.78	38.45	PASS
5	1.4	20525	836.5	16QAM	1@5	21.94	38.45	PASS
5	1.4	20525	836.5	16QAM	3@0	23.76	38.45	PASS
5	1.4	20525	836.5	16QAM	3@1	21.84	38.45	PASS
5	1.4	20525	836.5	16QAM	3@2	23.68	38.45	PASS
5	1.4	20525	836.5	16QAM	6@0	23.77	38.45	PASS
5	1.4	20407	824.7	QPSK	1@0	25.82	38.45	PASS
5	1.4	20407	824.7	QPSK	1@2	22.62	38.45	PASS
5	1.4	20407	824.7	QPSK	1@5	26.07	38.45	PASS
5	1.4	20407	824.7	QPSK	3@0	22.51	38.45	PASS
5	1.4	20407	824.7	QPSK	3@1	25.92	38.45	PASS
5	1.4	20407	824.7	QPSK	3@2	23.12	38.45	PASS
5	1.4	20407	824.7	QPSK	6@0	25.06	38.45	PASS
5	1.4	20407	824.7	16QAM	1@0	24.59	38.45	PASS
5	1.4	20407	824.7	16QAM	1@2	25.16	38.45	PASS
5	1.4	20407	824.7	16QAM	1@5	24.76	38.45	PASS
5	1.4	20407	824.7	16QAM	3@0	24.99	38.45	PASS
5	1.4	20407	824.7	16QAM	3@1	22.83	38.45	PASS
5	1.4	20407	824.7	16QAM	3@2	25.17	38.45	PASS
5	1.4	20407	824.7	16QAM	6@0	22.31	38.45	PASS
5	3	20635	847.5	QPSK	1@0	21.65	38.45	PASS
5	3	20635	847.5	QPSK	1@7	23.66	38.45	PASS
5	3	20635	847.5	QPSK	1@14	24.05	38.45	PASS
5	3	20635	847.5	QPSK	8@0	23.01	38.45	PASS
5	3	20635	847.5	QPSK	8@4	23.02	38.45	PASS
5	3	20635	847.5	QPSK	8@7	25.6	38.45	PASS
5	3	20635	847.5	QPSK	15@0	22.86	38.45	PASS
5	3	20635	847.5	16QAM	1@0	23.93	38.45	PASS
5	3	20635	847.5	16QAM	1@7	22.95	38.45	PASS
5	3	20635	847.5	16QAM	1@14	25.65	38.45	PASS
5	3	20635	847.5	16QAM	8@0	22.36	38.45	PASS
5	3	20635	847.5	16QAM	8@4	22.91	38.45	PASS
5	3	20635	847.5	16QAM	8@7	21.99	38.45	PASS
5	3	20635	847.5	16QAM	15@0	23.92	38.45	PASS
5	3	20525	836.5	QPSK	1@0	20.65	38.45	PASS
5	3	20525	836.5	QPSK	1@7	24.57	38.45	PASS
5	3	20525	836.5	QPSK	1@14	21.3	38.45	PASS
5	3	20525	836.5	QPSK	8@0	21.61	38.45	PASS
5	3	20525	836.5	QPSK	8@4	20.01	38.45	PASS
5	3	20525	836.5	QPSK	8@7	23.97	38.45	PASS
5	3	20525	836.5	QPSK	15@0	20.17	38.45	PASS

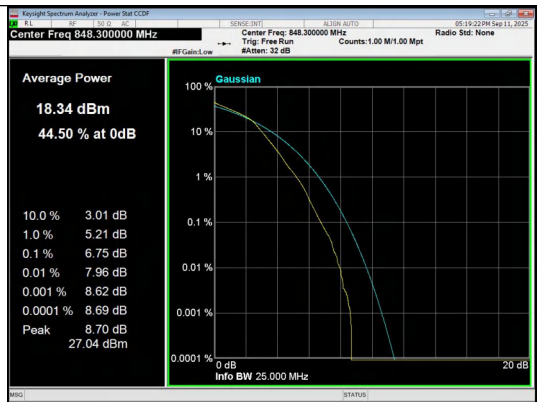
5	3	20525	836.5	16QAM	1@0	20.41	38.45	PASS
5	3	20525	836.5	16QAM	1@7	24.34	38.45	PASS
5	3	20525	836.5	16QAM	1@14	20.48	38.45	PASS
5	3	20525	836.5	16QAM	8@0	23.18	38.45	PASS
5	3	20525	836.5	16QAM	8@4	19.14	38.45	PASS
5	3	20525	836.5	16QAM	8@7	21.29	38.45	PASS
5	3	20525	836.5	16QAM	15@0	19.39	38.45	PASS
5	3	20415	825.5	QPSK	1@0	22.03	38.45	PASS
5	3	20415	825.5	QPSK	1@7	25.27	38.45	PASS
5	3	20415	825.5	QPSK	1@14	21.74	38.45	PASS
5	3	20415	825.5	QPSK	8@0	23.79	38.45	PASS
5	3	20415	825.5	QPSK	8@4	21.25	38.45	PASS
5	3	20415	825.5	QPSK	8@7	23.98	38.45	PASS
5	3	20415	825.5	QPSK	15@0	21.19	38.45	PASS
5	3	20415	825.5	16QAM	1@0	24.51	38.45	PASS
5	3	20415	825.5	16QAM	1@7	21.42	38.45	PASS
5	3	20415	825.5	16QAM	1@14	23.1	38.45	PASS
5	3	20415	825.5	16QAM	8@0	20.48	38.45	PASS
5	3	20415	825.5	16QAM	8@4	24	38.45	PASS
5	3	20415	825.5	16QAM	8@7	20.31	38.45	PASS
5	3	20415	825.5	16QAM	15@0	23.9	38.45	PASS
5	5	20625	846.5	QPSK	1@0	21.26	38.45	PASS
5	5	20625	846.5	QPSK	1@12	24.14	38.45	PASS
5	5	20625	846.5	QPSK	1@24	20.46	38.45	PASS
5	5	20625	846.5	QPSK	12@0	23.65	38.45	PASS
5	5	20625	846.5	QPSK	12@6	19.89	38.45	PASS
5	5	20625	846.5	QPSK	12@11	23.67	38.45	PASS
5	5	20625	846.5	QPSK	25@0	23.72	38.45	PASS
5	5	20625	846.5	16QAM	1@0	24.58	38.45	PASS
5	5	20625	846.5	16QAM	1@12	20	38.45	PASS
5	5	20625	846.5	16QAM	1@24	19.58	38.45	PASS
5	5	20625	846.5	16QAM	12@0	23.04	38.45	PASS
5	5	20625	846.5	16QAM	12@6	19.01	38.45	PASS
5	5	20625	846.5	16QAM	12@11	23.06	38.45	PASS
5	5	20625	846.5	16QAM	25@0	18.91	38.45	PASS
5	5	20525	836.5	QPSK	1@0	20.71	38.45	PASS
5	5	20525	836.5	QPSK	1@12	22.36	38.45	PASS
5	5	20525	836.5	QPSK	1@24	21.56	38.45	PASS
5	5	20525	836.5	QPSK	12@0	24.67	38.45	PASS
5	5	20525	836.5	QPSK	12@6	19.82	38.45	PASS
5	5	20525	836.5	QPSK	12@11	24.69	38.45	PASS
5	5	20525	836.5	QPSK	25@0	20.16	38.45	PASS
5	5	20525	836.5	16QAM	1@0	21.89	38.45	PASS
5	5	20525	836.5	16QAM	1@12	20.7	38.45	PASS
5	5	20525	836.5	16QAM	1@24	19.85	38.45	PASS
5	5	20525	836.5	16QAM	12@0	22.99	38.45	PASS
5	5	20525	836.5	16QAM	12@6	19.06	38.45	PASS
5	5	20525	836.5	16QAM	12@11	25.24	38.45	PASS
5	5	20525	836.5	16QAM	25@0	19.35	38.45	PASS
5	5	20425	826.5	QPSK	1@0	21.11	38.45	PASS
5	5	20425	826.5	QPSK	1@12	21.95	38.45	PASS
5	5	20425	826.5	QPSK	1@24	20.65	38.45	PASS
5	5	20425	826.5	QPSK	12@0	21.23	38.45	PASS
5	5	20425	826.5	QPSK	12@6	22.37	38.45	PASS
5	5	20425	826.5	QPSK	12@11	21.23	38.45	PASS
5	5	20425	826.5	QPSK	25@0	24.4	38.45	PASS
5	5	20425	826.5	16QAM	1@0	21.15	38.45	PASS
5	5	20425	826.5	16QAM	1@12	24.51	38.45	PASS
5	5	20425	826.5	16QAM	1@24	20.64	38.45	PASS
5	5	20425	826.5	16QAM	12@0	21.82	38.45	PASS
5	5	20425	826.5	16QAM	12@6	20.37	38.45	PASS
5	5	20425	826.5	16QAM	12@11	24.05	38.45	PASS
5	5	20425	826.5	16QAM	25@0	20.13	38.45	PASS

Peak to Average Ratio

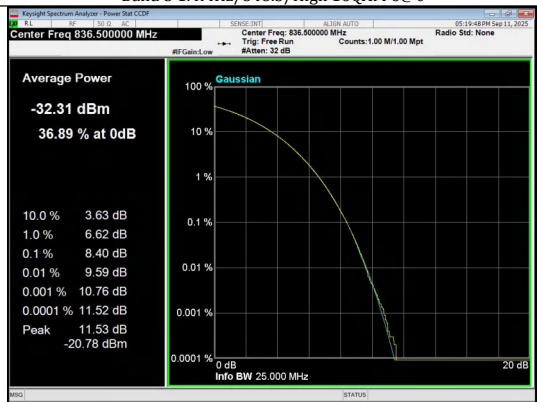
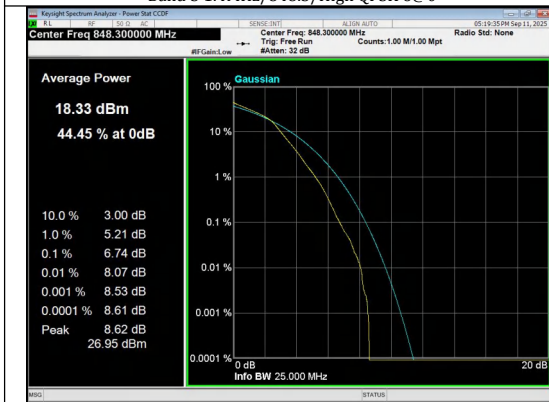
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
5	1.4	20643	848.3	QPSK	6@0	8.41	13	PASS
5	1.4	20643	848.3	16QAM	6@0	6.75	13	PASS
5	1.4	20643	848.3	64QAM	6@0	6.74	13	PASS
5	1.4	20525	836.5	QPSK	6@0	8.4	13	PASS
5	1.4	20525	836.5	16QAM	6@0	6.74	13	PASS
5	1.4	20525	836.5	64QAM	6@0	6.71	13	PASS
5	1.4	20407	824.7	QPSK	6@0	5.2	13	PASS
5	1.4	20407	824.7	16QAM	6@0	6.01	13	PASS
5	1.4	20407	824.7	64QAM	6@0	6.0	13	PASS
5	3.0	20635	847.5	QPSK	15@0	6.04	13	PASS
5	3.0	20635	847.5	16QAM	15@0	6.76	13	PASS
5	3.0	20635	847.5	64QAM	15@0	6.73	13	PASS
5	3.0	20525	836.5	QPSK	15@0	5.97	13	PASS
5	3.0	20525	836.5	16QAM	15@0	6.86	13	PASS
5	3.0	20525	836.5	64QAM	15@0	6.02	13	PASS
5	3.0	20415	825.5	QPSK	15@0	5.28	13	PASS
5	3.0	20415	825.5	16QAM	15@0	6.08	13	PASS
5	3.0	20415	825.5	64QAM	15@0	6.09	13	PASS
5	5.0	20625	846.5	QPSK	25@0	5.91	13	PASS
5	5.0	20625	846.5	16QAM	25@0	6.57	13	PASS
5	5.0	20625	846.5	64QAM	25@0	6.62	13	PASS
5	5.0	20525	836.5	QPSK	25@0	5.96	13	PASS
5	5.0	20525	836.5	16QAM	25@0	6.57	13	PASS
5	5.0	20525	836.5	64QAM	25@0	6.57	13	PASS
5	5.0	20425	826.5	QPSK	25@0	5.54	13	PASS
5	5.0	20425	826.5	16QAM	25@0	6.16	13	PASS
5	5.0	20425	826.5	64QAM	25@0	6.21	13	PASS



Band 5 1.4MHz/848.3/High QPSK 6@0

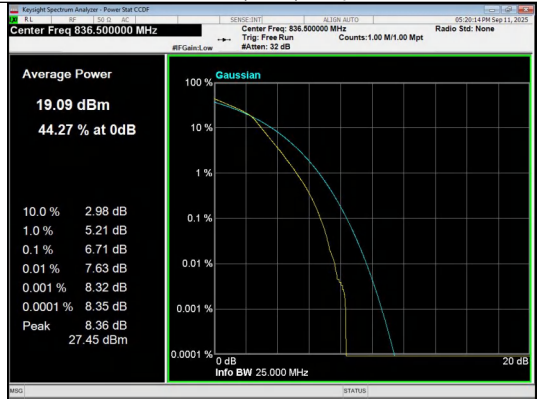
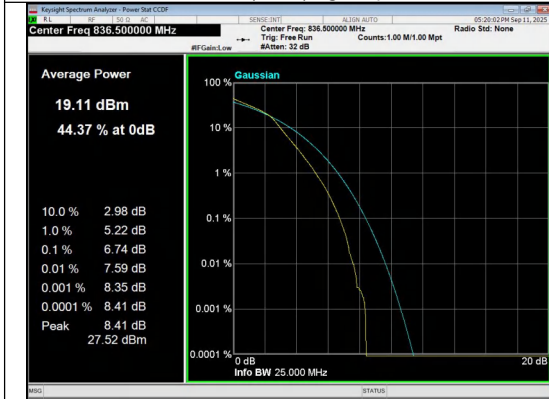


Band 5 1.4MHz/848.3/High 16QAM 6@0



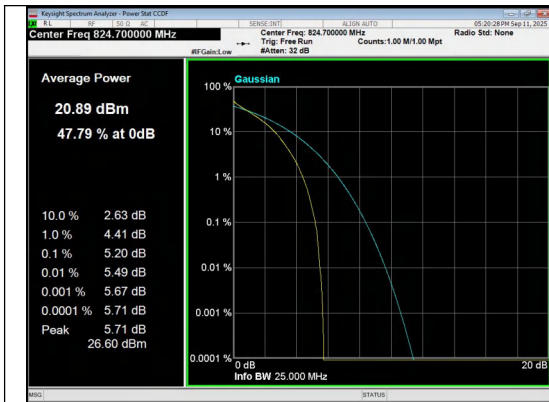
Band 5 1.4MHz/848.3/High 64QAM 6@0

Band 5 1.4MHz/836.5/Mid QPSK 6@0

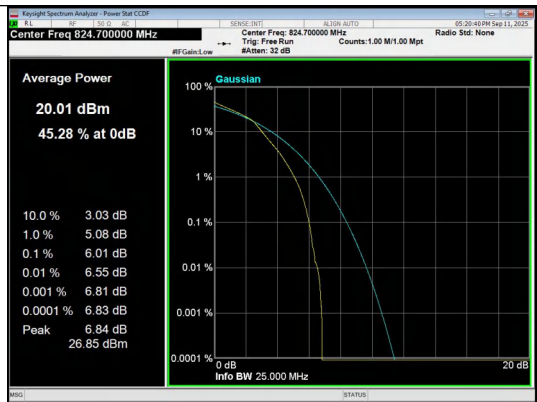


Band 5 1.4MHz/836.5/Mid 16QAM 6@0

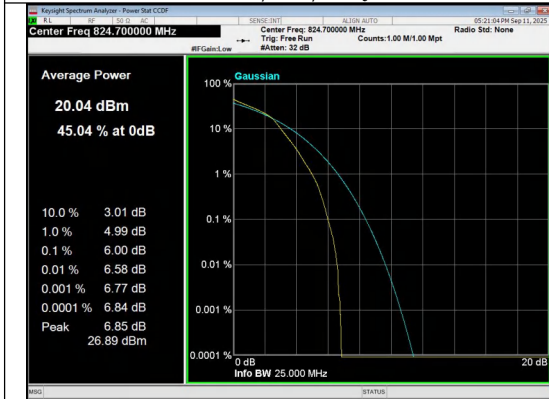
Band 5 1.4MHz/836.5/Mid 64QAM 6@0



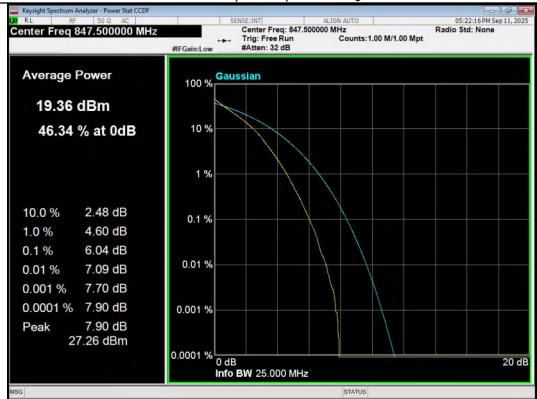
Band 5 1.4MHz/824.7/Low QPSK 6@0



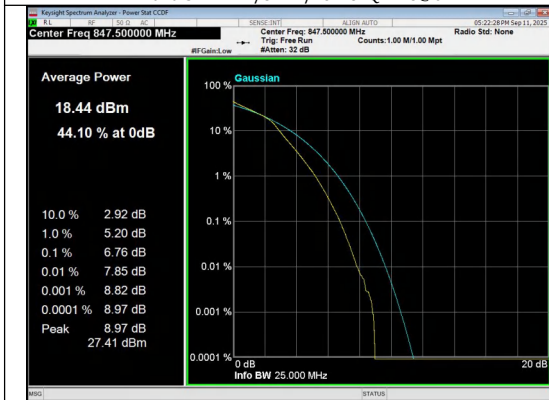
Band 5 1.4MHz/824.7/Low 16QAM 6@0



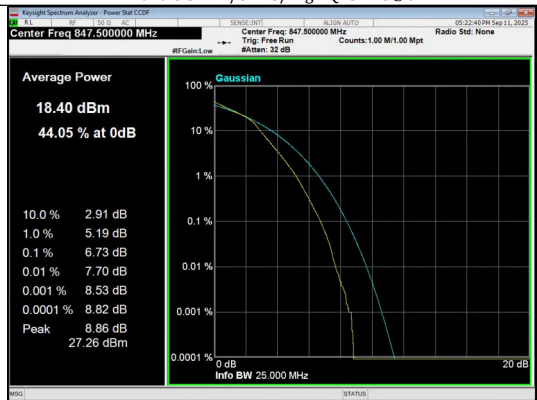
Band 5 1.4MHz/824.7/Low 64QAM 6@0



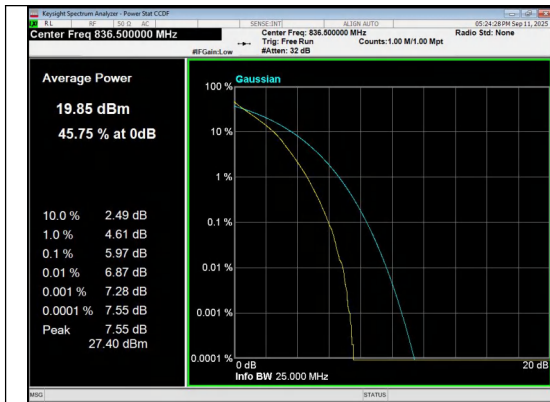
Band 5 3MHz/847.5/High QPSK 15@0



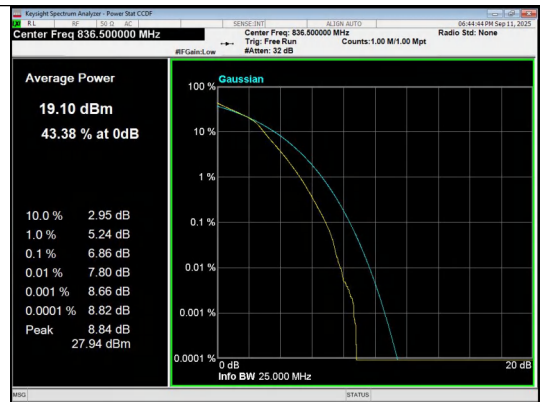
Band 5 3MHz/847.5/High 16QAM 15@0



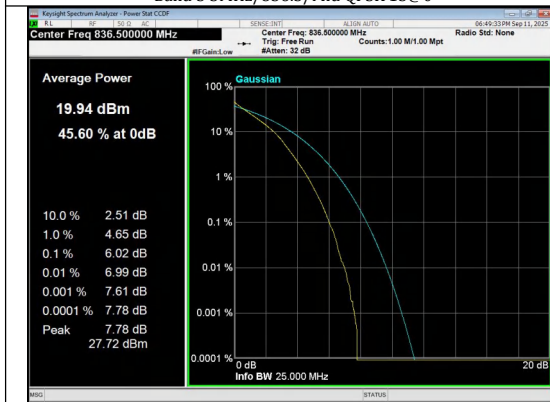
Band 5 3MHz/847.5/High 64QAM 15@0



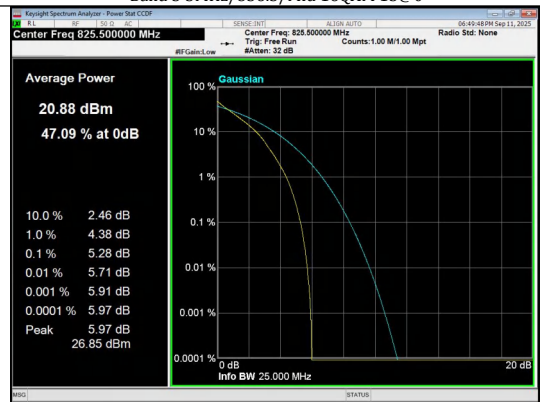
Band 5 3MHz/836.5/Mid QPSK 15@0



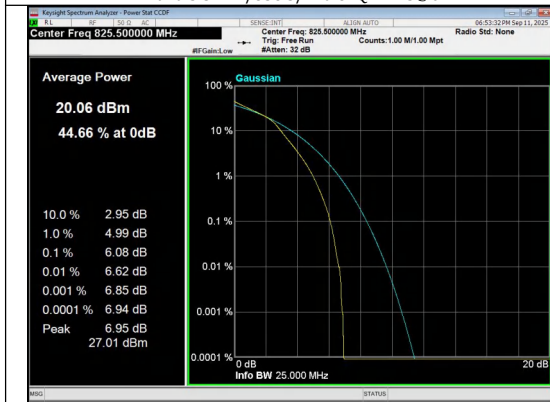
Band 5 3MHz/836.5/Mid 16QAM 15@0



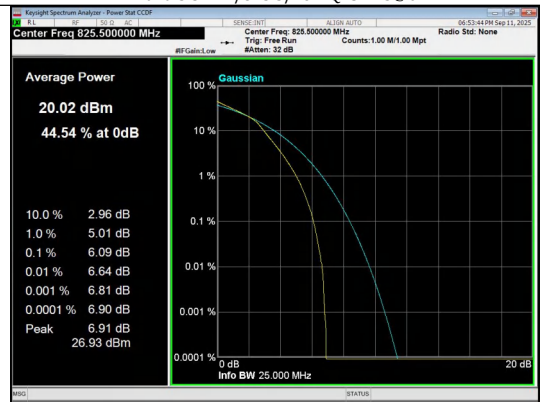
Band 5 3MHz/836.5/Mid 64QAM 15@0



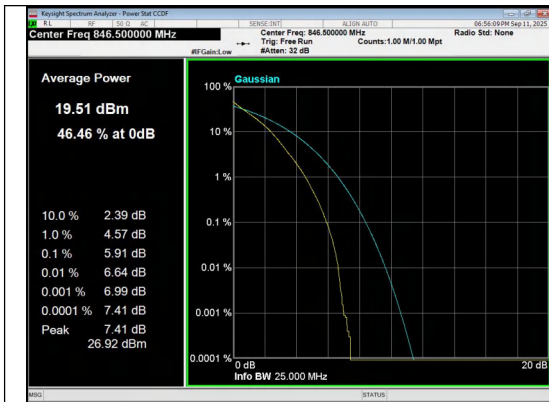
Band 5 3MHz/825.5/Low QPSK 15@0



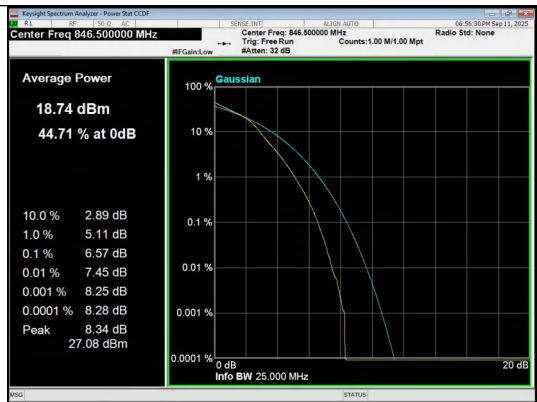
Band 5 3MHz/825.5/Low 16QAM 15@0



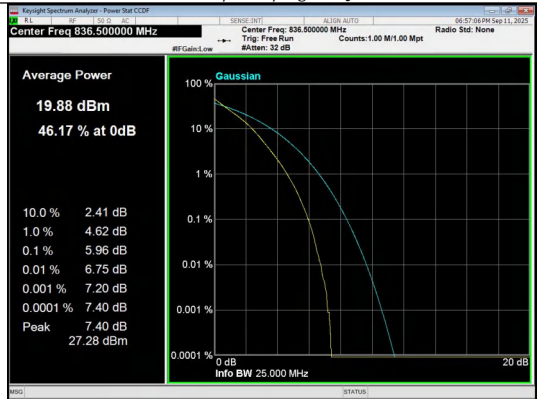
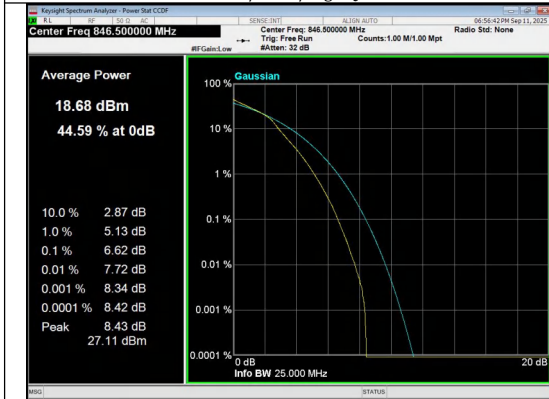
Band 5 3MHz/825.5/Low 64QAM 15@0



Band 5 5MHz/846.5/High QPSK 25@0

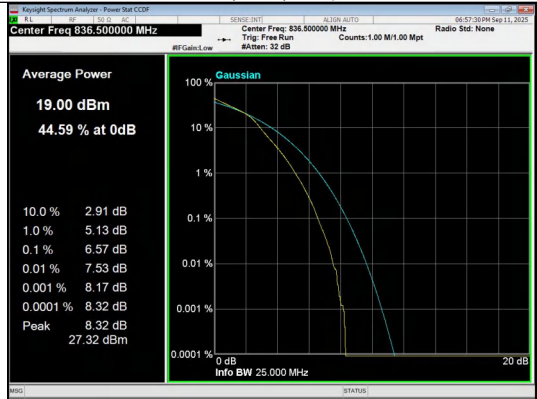
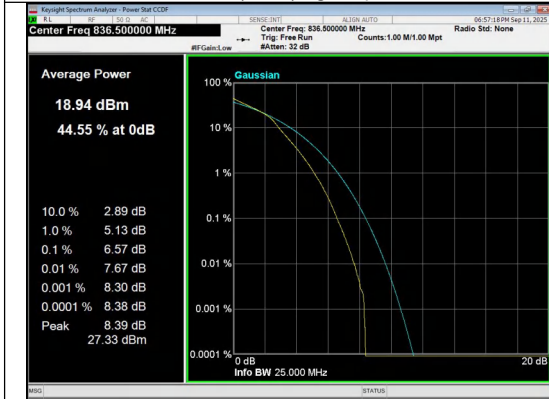


Band 5 5MHz/846.5/High 16QAM 25@0



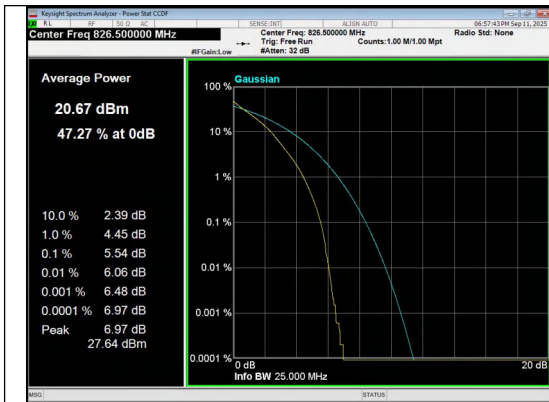
Band 5 5MHz/846.5/High 64QAM 25@0

Band 5 5MHz/836.5/Mid QPSK 25@0

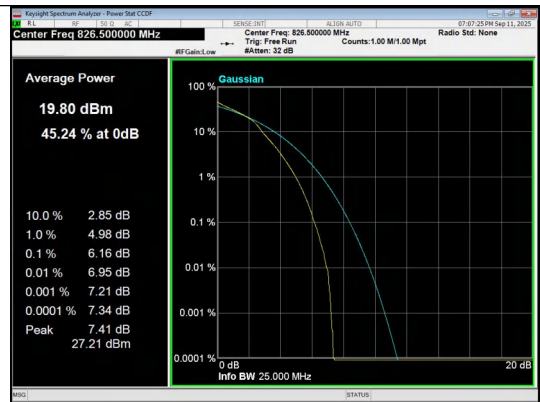


Band 5 5MHz/836.5/Mid 16QAM 25@0

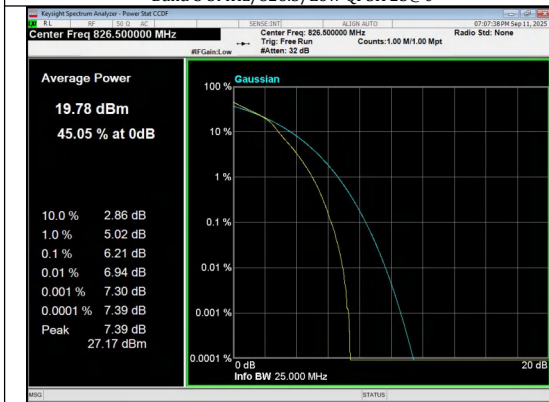
Band 5 5MHz/836.5/Mid 64QAM 25@0



Band 5 5MHz/826.5/Low QPSK 25@0



Band 5 5MHz/826.5/Low 16QAM 25@0



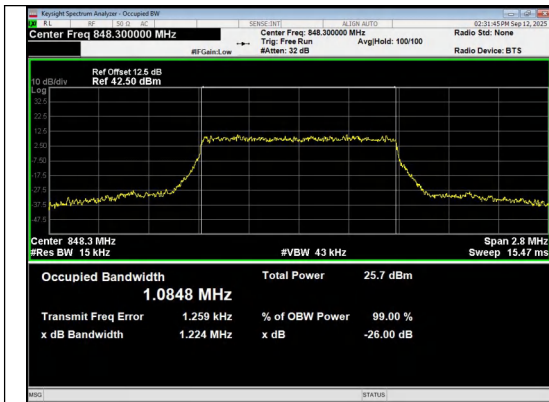
Band 5 5MHz/826.5/Low 64QAM 25@0

Frequency Stability

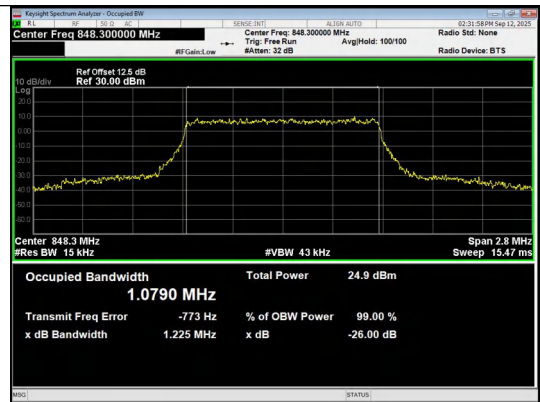
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	1.4	20643	848.3	QPSK	6@0	-10.66	-0.01256	±2.5	PASS	VL
5	1.4	20643	848.3	QPSK	6@0	-17.72	-0.02089	±2.5	PASS	VN
5	1.4	20643	848.3	QPSK	6@0	-13.73	-0.01619	±2.5	PASS	VH
5	1.4	20643	848.3	QPSK	6@0	-26.98	-0.0318	±2.5	PASS	-30°C
5	1.4	20643	848.3	QPSK	6@0	-22.23	-0.02621	±2.5	PASS	-20°C
5	1.4	20643	848.3	QPSK	6@0	-8.11	-0.00956	±2.5	PASS	-10°C
5	1.4	20643	848.3	QPSK	6@0	-22.77	-0.02685	±2.5	PASS	0°C
5	1.4	20643	848.3	QPSK	6@0	-15.69	-0.0185	±2.5	PASS	10°C
5	1.4	20643	848.3	QPSK	6@0	-18.8	-0.02216	±2.5	PASS	20°C
5	1.4	20643	848.3	QPSK	6@0	-15.32	-0.01806	±2.5	PASS	30°C
5	1.4	20643	848.3	QPSK	6@0	1.82	0.00214	±2.5	PASS	40°C
5	1.4	20643	848.3	QPSK	6@0	-19.35	-0.02282	±2.5	PASS	50°C
5	1.4	20525	836.5	QPSK	6@0	-16.92	-0.02023	±2.5	PASS	VL
5	1.4	20525	836.5	QPSK	6@0	-12.97	-0.01551	±2.5	PASS	-30°C
5	1.4	20525	836.5	QPSK	6@0	13.63	0.0163	±2.5	PASS	-20°C
5	1.4	20525	836.5	QPSK	6@0	-15.84	-0.01893	±2.5	PASS	-10°C
5	1.4	20525	836.5	QPSK	6@0	-11.39	-0.01361	±2.5	PASS	0°C
5	1.4	20525	836.5	QPSK	6@0	-9.86	-0.01178	±2.5	PASS	10°C
5	1.4	20525	836.5	QPSK	6@0	-18.53	-0.02215	±2.5	PASS	20°C
5	1.4	20525	836.5	QPSK	6@0	-14.52	-0.01736	±2.5	PASS	30°C
5	1.4	20525	836.5	QPSK	6@0	-5.29	-0.00633	±2.5	PASS	40°C

Occupied Bandwidth

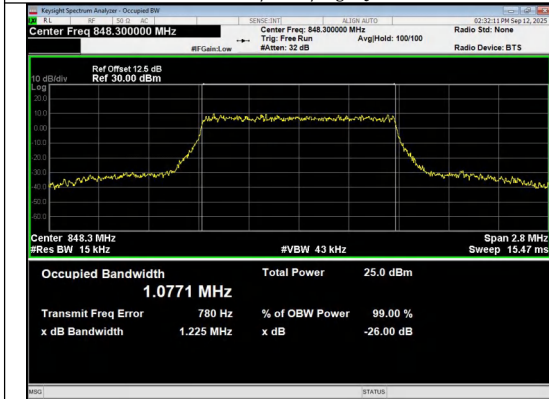
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
5	1.4	20643	848.3	QPSK	6@0	1.0848	1.224	PASS
5	1.4	20643	848.3	16QAM	6@0	1.0790	1.225	PASS
5	1.4	20643	848.3	64QAM	6@0	1.0771	1.225	PASS
5	1.4	20525	836.5	QPSK	6@0	1.0786	1.219	PASS
5	1.4	20525	836.5	16QAM	6@0	1.0760	1.240	PASS
5	1.4	20525	836.5	64QAM	6@0	1.0786	1.232	PASS
5	1.4	20407	824.7	QPSK	6@0	1.0777	1.236	PASS
5	1.4	20407	824.7	16QAM	6@0	1.0772	1.222	PASS
5	1.4	20407	824.7	64QAM	6@0	1.0799	1.249	PASS
5	3.0	20635	847.5	QPSK	15@0	2.6781	2.885	PASS
5	3.0	20635	847.5	16QAM	15@0	2.6767	2.873	PASS
5	3.0	20635	847.5	64QAM	15@0	2.6757	2.874	PASS
5	3.0	20525	836.5	QPSK	15@0	2.6737	2.888	PASS
5	3.0	20525	836.5	16QAM	15@0	2.6729	2.895	PASS
5	3.0	20525	836.5	64QAM	15@0	2.6775	2.852	PASS
5	3.0	20415	825.5	QPSK	15@0	2.6865	2.873	PASS
5	3.0	20415	825.5	16QAM	15@0	2.6814	2.859	PASS
5	3.0	20415	825.5	64QAM	15@0	2.6783	2.888	PASS
5	5.0	20625	846.5	QPSK	25@0	4.4612	4.869	PASS
5	5.0	20625	846.5	16QAM	25@0	4.4569	4.840	PASS
5	5.0	20625	846.5	64QAM	25@0	4.4629	4.833	PASS
5	5.0	20525	836.5	QPSK	25@0	4.4680	4.824	PASS
5	5.0	20525	836.5	16QAM	25@0	4.4593	4.776	PASS
5	5.0	20525	836.5	64QAM	25@0	4.4590	4.785	PASS
5	5.0	20425	826.5	QPSK	25@0	4.4597	4.834	PASS
5	5.0	20425	826.5	16QAM	25@0	4.4552	4.835	PASS
5	5.0	20425	826.5	64QAM	25@0	4.4607	4.838	PASS



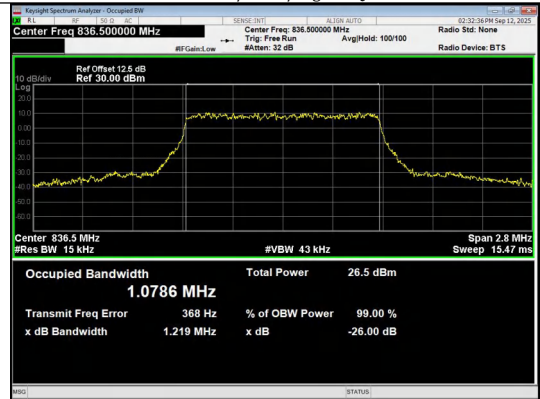
Band 5 1.4MHz/848.3/High QPSK 6@0



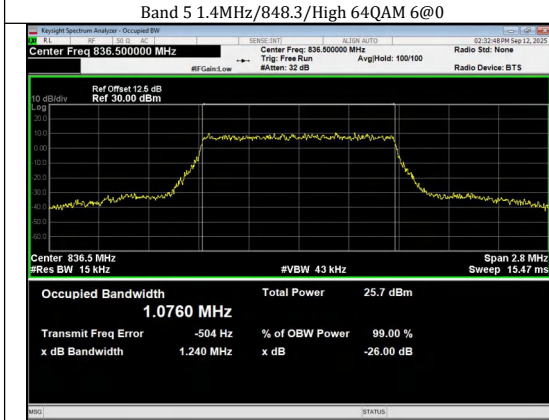
Band 5 1.4MHz/848.3/High 16QAM 6@0



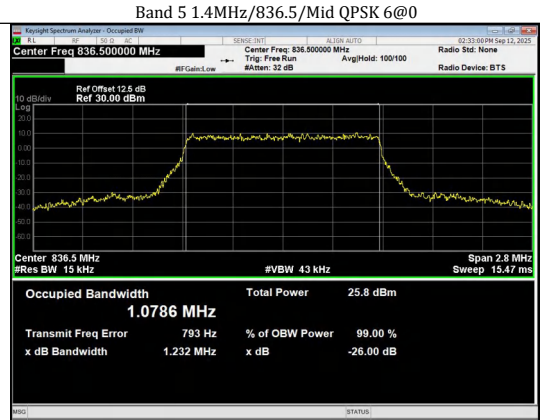
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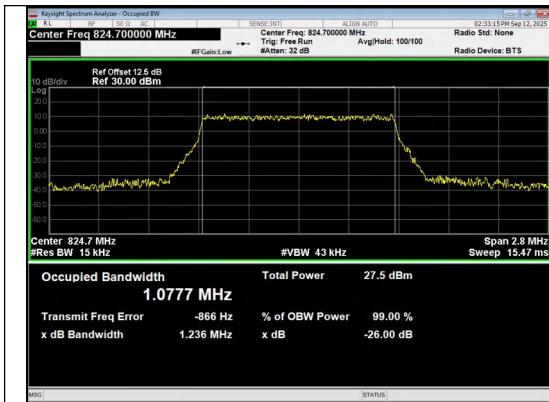
Band 5 1.4MHz/836.5/Mid QPSK 6@0



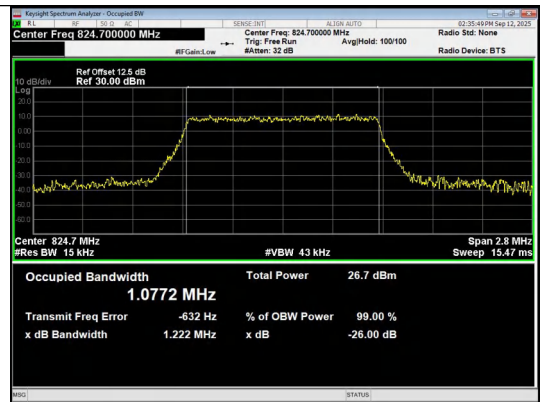
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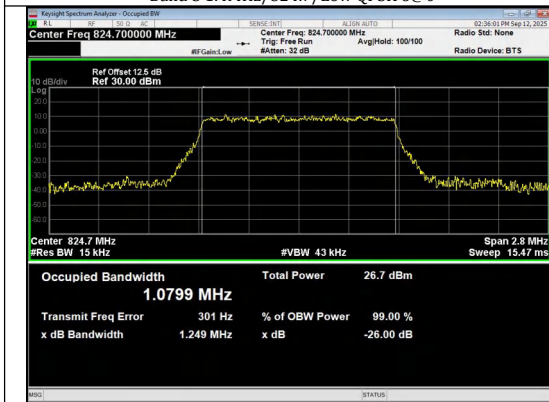
Band 5 1.4MHz/836.5/Mid 64QAM 6@0



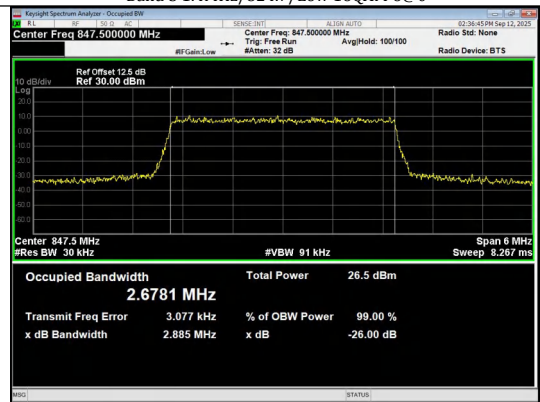
Band 5 1.4MHz/824.7/Low QPSK 6@0



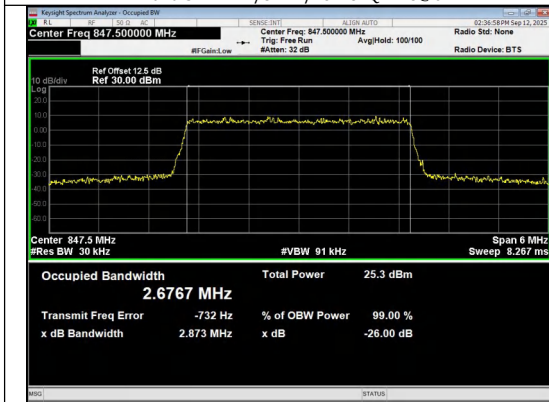
Band 5 1.4MHz/824.7/Low 16QAM 6@0



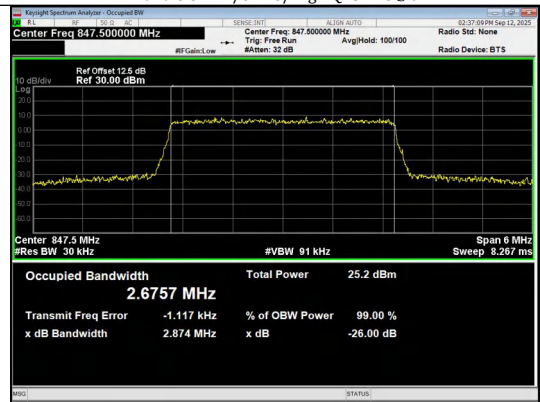
Band 5 1.4MHz/824.7/Low QPSK 6@0



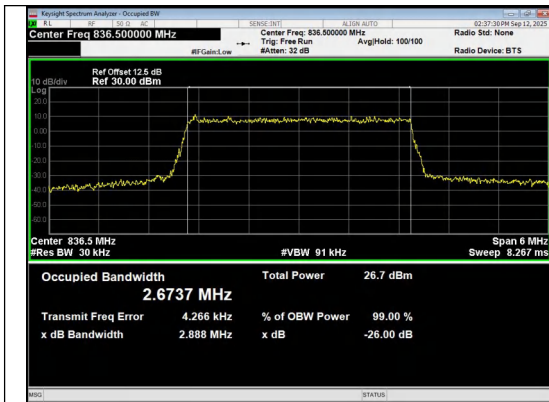
Band 5 3MHz/847.5/High QPSK 15@0



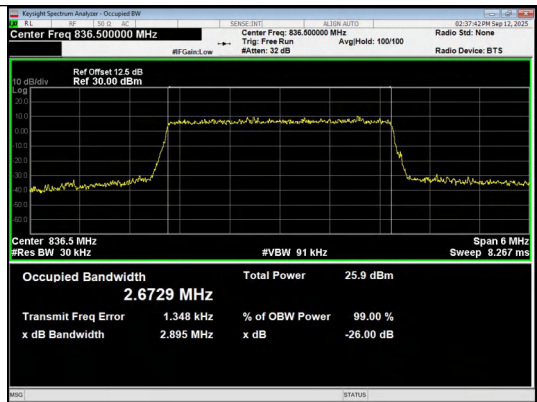
Band 5 3MHz/847.5/High 16QAM 15@0



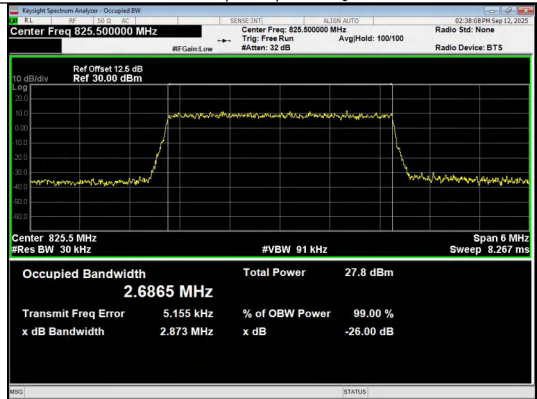
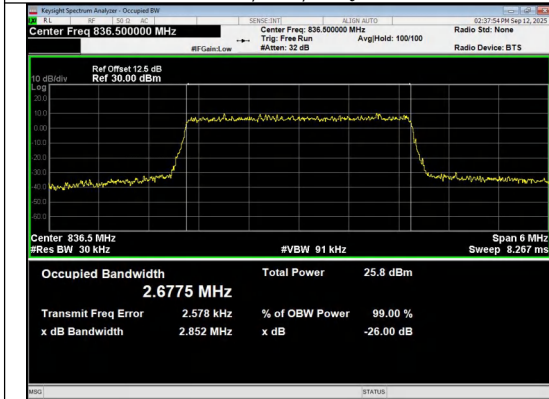
Band 5 3MHz/847.5/High 16QAM 15@0



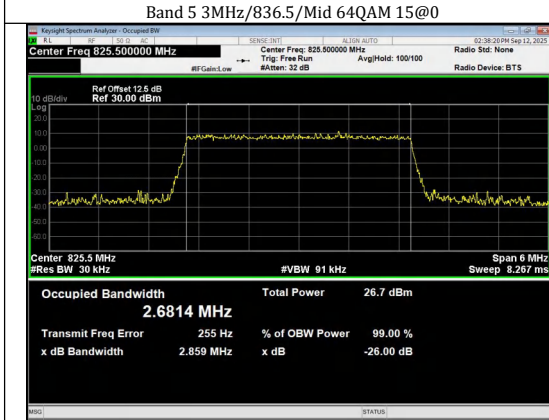
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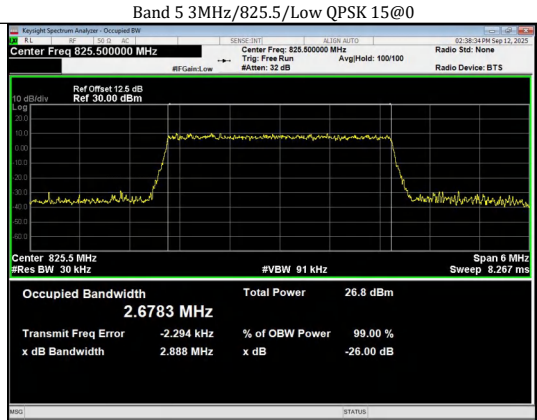
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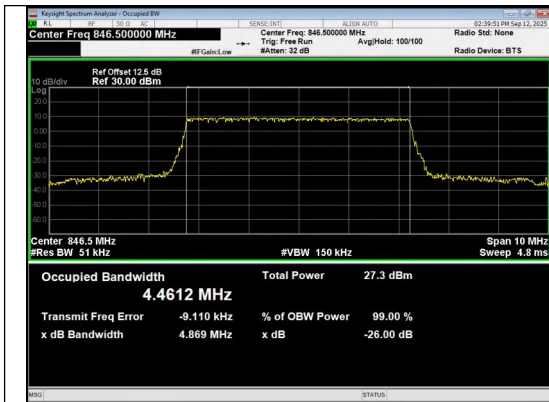
Band 5 3MHz/825.5/Low 16QAM 15@0



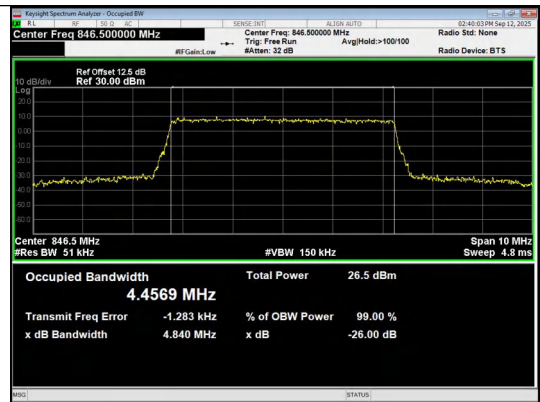
Band 5 3MHz/836.5/Mid 64QAM 15@0



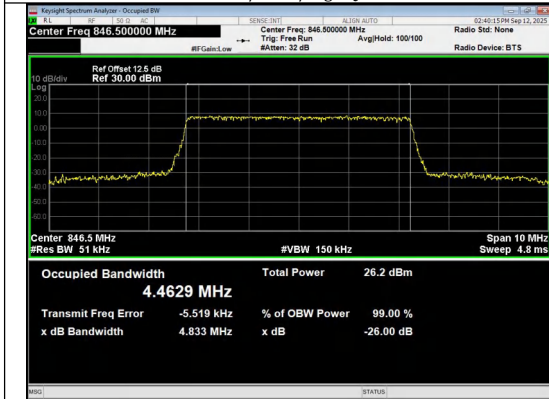
Band 5 3MHz/825.5/Low QPSK 15@0



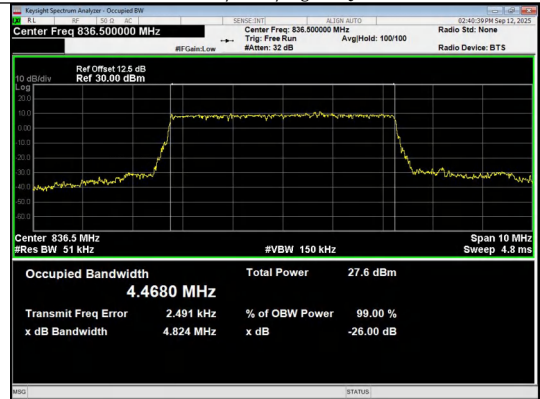
Band 5 5MHz/846.5/High QPSK 25@0



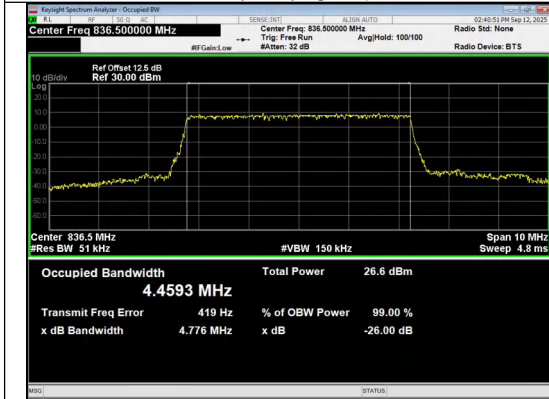
Band 5 5MHz/846.5/High 16QAM 25@0



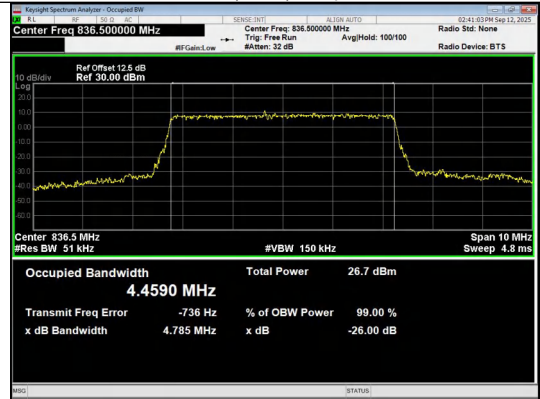
Band 5 5MHz/846.5/High 64QAM 25@0



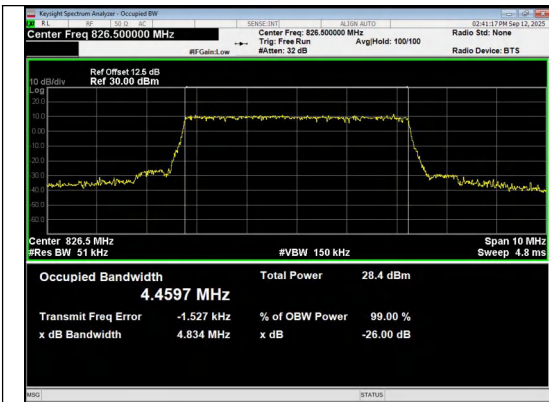
Band 5 5MHz/836.5/Mid QPSK 25@0



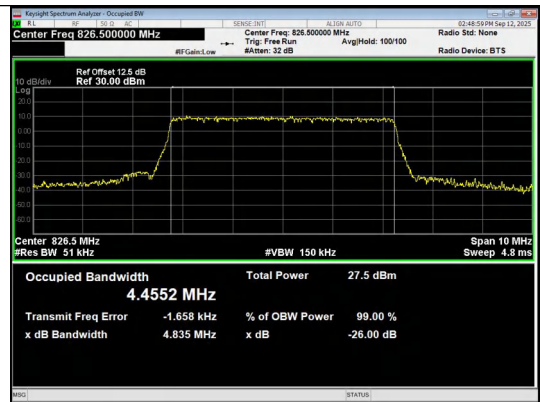
Band 5 5MHz/836.5/Mid 16QAM 25@0



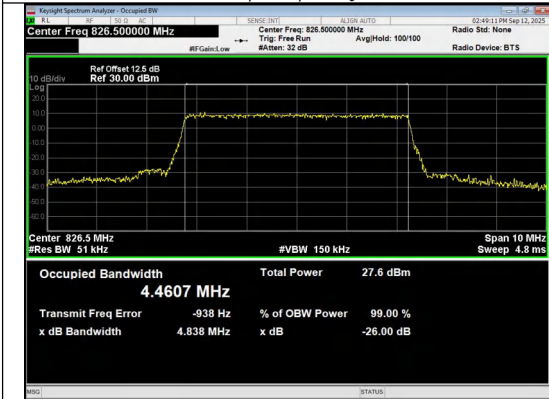
Band 5 5MHz/836.5/Mid 64QAM 25@0



Band 5 5MHz/826.5/Low QPSK 25@0



Band 5 5MHz/826.5/Low 16QAM 25@0



Band 5 5MHz/826.5/Low 64QAM 25@0