Appendix Test Data for LTE band 2(Conducted Measurement)

Product Name: LEARNING CAMERA

Trade Mark:

Test Model: DEX-01

FCC ID: 2BOSD-DEX-01

Environmental Conditions

Temperature:	23.5℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Max Zhang
NOTE	N/A

Appendix A: RF output power

Test Result

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Conclusion
2	1.4	1850.7	QPSK	6	LOW	21.85	28.06	6.21	13	0.85	22.70	33	Pass
2	1.4	1850.7	QPSK	3	LOW	22.93	28.69	5.76	13	0.85	23.78	33	Pass
2	1.4	1850.7	QPSK	3	MID	22.89	28.66	5.77	13	0.85	23.74	33	Pass
2	1.4	1850.7	QPSK	3	HIGH	22.9	28.62	5.72	13	0.85	23.75	33	Pass
2	1.4	1850.7	QPSK	1	LOW	22.85	28.67	5.82	13	0.85	23.70	33	Pass
2	1.4	1850.7	QPSK	1	MID	22.96	28.76	5.80	13	0.85	23.81	33	Pass
2	1.4	1850.7	QPSK	1	HIGH	22.85	28.64	5.79	13	0.85	23.70	33	Pass
2	1.4	1850.7	16QAM	6	LOW	20.93	28.03	7.10	13	0.85	21.78	33	Pass
2	1.4	1850.7	16QAM	3	LOW	22.1	28.44	6.34	13	0.85	22.95	33	Pass
2	1.4	1850.7	16QAM	3	MID	22.11	28.44	6.33	13	0.85	22.96	33	Pass
2	1.4	1850.7	16QAM	3	HIGH	22.11	28.42	6.31	13	0.85	22.96	33	Pass
2	1.4	1850.7	16QAM	1	LOW	21.86	27.75	5.89	13	0.85	22.71	33	Pass
2	1.4	1850.7	16QAM	1	MID	21.92	27.82	5.90	13	0.85	22.77	33	Pass
2	1.4	1850.7	16QAM	1	HIGH	21.88	27.75	5.87	13	0.85	22.73	33	Pass
2	1.4	1880	QPSK	6	LOW	21.79	27.62	5.83	13	0.85	22.64	33	Pass
2	1.4	1880	QPSK	3	LOW	22.86	28.57	5.71	13	0.85	23.71	33	Pass
2	1.4	1880	QPSK	3	MID	22.84	28.57	5.73	13	0.85	23.69	33	Pass
2	1.4	1880	QPSK	3	HIGH	22.83	28.55	5.72	13	0.85	23.68	33	Pass
2	1.4	1880	QPSK	1	LOW	22.74	28.23	5.49	13	0.85	23.59	33	Pass
2	1.4	1880	QPSK	1	MID	22.92	28.4	5.48	13	0.85	23.77	33	Pass

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Conclusion
2	1.4	1880	QPSK	1	HIGH	22.75	28.23	5.48	13	0.85	23.6	33	Pass
2	1.4	1880	16QAM	6	LOW	20.84	27.43	6.59	13	0.85	21.69	33	Pass
2	1.4	1880	16QAM	3	LOW	21.83	28.47	6.64	13	0.85	22.68	33	Pass
2	1.4	1880	16QAM	3	MID	21.85	28.5	6.65	13	0.85	22.70	33	Pass
2	1.4	1880	16QAM	3	HIGH	21.86	28.56	6.70	13	0.85	22.71	33	Pass
2	1.4	1880	16QAM	1	LOW	21.91	27.01	5.10	13	0.85	22.76	33	Pass
2	1.4	1880	16QAM	1	MID	22.05	27.13	5.08	13	0.85	22.90	33	Pass
2	1.4	1880	16QAM	1	HIGH	21.94	27.04	5.10	13	0.85	22.79	33	Pass
2	1.4	1909.3	QPSK	6	LOW	21.86	27.79	5.93	13	0.85	22.71	33	Pass
2	1.4	1909.3	QPSK	3	LOW	22.89	28.73	5.84	13	0.85	23.74	33	Pass
2	1.4	1909.3	QPSK	3	MID	22.93	28.71	5.78	13	0.85	23.78	33	Pass
2	1.4	1909.3	QPSK	3	HIGH	22.97	28.67	5.70	13	0.85	23.82	33	Pass
2	1.4	1909.3	QPSK	1	LOW	22.82	27.69	4.87	13	0.85	23.67	33	Pass
2	1.4	1909.3	QPSK	1	MID	22.98	27.77	4.79	13	0.85	23.83	33	Pass
2	1.4	1909.3	QPSK	1	HIGH	22.87	27.68	4.81	13	0.85	23.72	33	Pass
2	1.4	1909.3	16QAM	6	LOW	20.9	27.48	6.58	13	0.85	21.75	33	Pass
2	1.4	1909.3	16QAM	3	LOW	22.01	28.17	6.16	13	0.85	22.86	33	Pass
2	1.4	1909.3	16QAM	3	MID	22	28.18	6.18	13	0.85	22.85	33	Pass
2	1.4	1909.3	16QAM	3	HIGH	22.01	28.08	6.07	13	0.85	22.86	33	Pass
2	1.4	1909.3	16QAM	1	LOW	21.91	27.25	5.34	13	0.85	22.76	33	Pass
2	1.4	1909.3	16QAM	1	MID	22.07	27.35	5.28	13	0.85	22.92	33	Pass
2	1.4	1909.3	16QAM	1	HIGH	21.88	27.18	5.30	13	0.85	22.73	33	Pass
2	3	1851.5	QPSK	15	LOW	21.88	28.34	6.46	13	0.85	22.73	33	Pass
2	3	1851.5	QPSK	8	LOW	21.88	28.27	6.39	13	0.85	22.73	33	Pass
2	3	1851.5	QPSK	8	MID	21.88	28.29	6.41	13	0.85	22.73	33	Pass
2	3	1851.5	QPSK	8	HIGH	21.85	28.27	6.42	13	0.85	22.70	33	Pass
2	3	1851.5	QPSK	1	LOW	22.88	27.8	4.92	13	0.85	23.73	33	Pass
2	3	1851.5	QPSK	1	MID	22.87	27.8	4.93	13	0.85	23.72	33	Pass
2	3	1851.5	QPSK	1	HIGH	22.89	27.84	4.95	13	0.85	23.74	33	Pass
2	3	1851.5	16QAM	15	LOW	21	28.23	7.23	13	0.85	21.85	33	Pass
2	3	1851.5	16QAM	8	LOW	21.02	27.42	6.40	13	0.85	21.87	33	Pass
2	3	1851.5	16QAM	8	MID	21	27.41	6.41	13	0.85	21.85	33	Pass
2	3	1851.5	16QAM	8	HIGH	20.98	27.53	6.55	13	0.85	21.83	33	Pass
2	3	1851.5	16QAM	1	LOW	22.03	27.41	5.38	13	0.85	22.88	33	Pass
2	3	1851.5	16QAM	1	MID	21.97	27.39	5.42	13	0.85	22.82	33	Pass
2	3	1851.5	16QAM	1	HIGH	21.88	27.34	5.46	13	0.85	22.73	33	Pass
2	3	1880	QPSK	15	LOW	21.85	28.03	6.18	13	0.85	22.70	33	Pass
2	3	1880	QPSK	8	LOW	21.81	27.91	6.10	13	0.85	22.66	33	Pass
2	3	1880	QPSK	8	MID	21.81	27.84	6.03	13	0.85	22.66	33	Pass
2	3	1880	QPSK	8	HIGH	21.79	27.98	6.19	13	0.85	22.64	33	Pass
2	3	1880	QPSK	1	LOW	22.82	27.86	5.04	13	0.85	23.67	33	Pass

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Conclusion
2	3	1880	QPSK	1	MID	22.8	27.86	5.06	13	0.85	23.65	33	Pass
2	3	1880	QPSK	1	HIGH	22.72	27.8	5.08	13	0.85	23.57	33	Pass
2	3	1880	16QAM	15	LOW	20.96	28.06	7.10	13	0.85	21.81	33	Pass
2	3	1880	16QAM	8	LOW	21.05	28.13	7.08	13	0.85	21.90	33	Pass
2	3	1880	16QAM	8	MID	21.05	28.15	7.10	13	0.85	21.90	33	Pass
2	3	1880	16QAM	8	HIGH	21.05	28.21	7.16	13	0.85	21.90	33	Pass
2	3	1880	16QAM	1	LOW	22.44	28.7	6.26	13	0.85	23.29	33	Pass
2	3	1880	16QAM	1	MID	22.45	28.74	6.29	13	0.85	23.3	33	Pass
2	3	1880	16QAM	1	HIGH	22.4	28.67	6.27	13	0.85	23.25	33	Pass
2	3	1908.5	QPSK	15	LOW	21.95	28.02	6.07	13	0.85	22.8	33	Pass
2	3	1908.5	QPSK	8	LOW	21.9	28.14	6.24	13	0.85	22.75	33	Pass
2	3	1908.5	QPSK	8	MID	21.92	28.15	6.23	13	0.85	22.77	33	Pass
2	3	1908.5	QPSK	8	HIGH	21.91	28.13	6.22	13	0.85	22.76	33	Pass
2	3	1908.5	QPSK	1	LOW	22.9	28.11	5.21	13	0.85	23.75	33	Pass
2	3	1908.5	QPSK	1	MID	22.95	28.12	5.17	13	0.85	23.8	33	Pass
2	3	1908.5	QPSK	1	HIGH	22.9	28.01	5.11	13	0.85	23.75	33	Pass
2	3	1908.5	16QAM	15	LOW	20.93	28.07	7.14	13	0.85	21.78	33	Pass
2	3	1908.5	16QAM	8	LOW	20.97	27.55	6.58	13	0.85	21.82	33	Pass
2	3	1908.5	16QAM	8	MID	20.95	27.57	6.62	13	0.85	21.8	33	Pass
2	3	1908.5	16QAM	8	HIGH	20.96	27.5	6.54	13	0.85	21.81	33	Pass
2	3	1908.5	16QAM	1	LOW	22.09	27.07	4.98	13	0.85	22.94	33	Pass
2	3	1908.5	16QAM	1	MID	22.07	27.03	4.96	13	0.85	22.92	33	Pass
2	3	1908.5	16QAM	1	HIGH	22.07	27	4.93	13	0.85	22.92	33	Pass
2	5	1852.5	QPSK	25	LOW	21.92	28.73	6.81	13	0.85	22.77	33	Pass
2	5	1852.5	QPSK	12	LOW	21.85	28.31	6.46	13	0.85	22.70	33	Pass
2	5	1852.5	QPSK	12	MID	21.9	28.4	6.5	13	0.85	22.75	33	Pass
2	5	1852.5	QPSK	12	HIGH	21.89	28.4	6.51	13	0.85	22.74	33	Pass
2	5	1852.5	QPSK	1	LOW	22.81	28.15	5.34	13	0.85	23.66	33	Pass
2	5	1852.5	QPSK	1	MID	22.97	28.3	5.33	13	0.85	23.82	33	Pass
2	5	1852.5	QPSK	1	HIGH	22.82	28.17	5.35	13	0.85	23.67	33	Pass
2	5	1852.5	16QAM	25	LOW	20.94	28.5	7.56	13	0.85	21.79	33	Pass
2	5	1852.5	16QAM	12	LOW	20.95	27.99	7.04	13	0.85	21.8	33	Pass
2	5	1852.5	16QAM	12	MID	20.97	28	7.03	13	0.85	21.82	33	Pass
2	5	1852.5	16QAM	12	HIGH	20.98	28.02	7.04	13	0.85	21.83	33	Pass
2	5	1852.5	16QAM	1	LOW	22.12	27.88	5.76	13	0.85	22.97	33	Pass
2	5	1852.5	16QAM	1	MID	22.26	28.02	5.76	13	0.85	23.11	33	Pass
2	5	1852.5	16QAM	1	HIGH	22.1	27.89	5.79	13	0.85	22.95	33	Pass
2	5	1880	QPSK	25	LOW	21.84	28.32	6.48	13	0.85	22.69	33	Pass
2	5	1880	QPSK	12	LOW	21.84	27.93	6.09	13	0.85	22.69	33	Pass
2	5	1880	QPSK	12	MID	21.85	27.86	6.01	13	0.85	22.70	33	Pass
2	5	1880	QPSK	12	HIGH	21.79	27.77	5.98	13	0.85	22.64	33	Pass

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Conclusion
2	5	1880	QPSK	1	LOW	22.7	28.04	5.34	13	0.85	23.55	33	Pass
2	5	1880	QPSK	1	MID	22.88	28.19	5.31	13	0.85	23.73	33	Pass
2	5	1880	QPSK	1	HIGH	22.73	28.04	5.31	13	0.85	23.58	33	Pass
2	5	1880	16QAM	25	LOW	20.95	28.13	7.18	13	0.85	21.8	33	Pass
2	5	1880	16QAM	12	LOW	20.88	27.95	7.07	13	0.85	21.73	33	Pass
2	5	1880	16QAM	12	MID	20.85	27.9	7.05	13	0.85	21.70	33	Pass
2	5	1880	16QAM	12	HIGH	20.82	27.8	6.98	13	0.85	21.67	33	Pass
2	5	1880	16QAM	1	LOW	21.84	28.02	6.18	13	0.85	22.69	33	Pass
2	5	1880	16QAM	1	MID	21.97	28.15	6.18	13	0.85	22.82	33	Pass
2	5	1880	16QAM	1	HIGH	21.83	27.99	6.16	13	0.85	22.68	33	Pass
2	5	1907.5	QPSK	25	LOW	21.96	28.39	6.43	13	0.85	22.81	33	Pass
2	5	1907.5	QPSK	12	LOW	21.93	27.88	5.95	13	0.85	22.78	33	Pass
2	5	1907.5	QPSK	12	MID	21.92	27.86	5.94	13	0.85	22.77	33	Pass
2	5	1907.5	QPSK	12	HIGH	21.98	27.82	5.84	13	0.85	22.83	33	Pass
2	5	1907.5	QPSK	1	LOW	22.82	28.65	5.83	13	0.85	23.67	33	Pass
2	5	1907.5	QPSK	1	MID	22.96	28.58	5.62	13	0.85	23.81	33	Pass
2	5	1907.5	QPSK	1	HIGH	22.82	28.33	5.51	13	0.85	23.67	33	Pass
2	5	1907.5	16QAM	25	LOW	21.07	28.26	7.19	13	0.85	21.92	33	Pass
2	5	1907.5	16QAM	12	LOW	20.97	28.64	7.67	13	0.85	21.82	33	Pass
2	5	1907.5	16QAM	12	MID	20.96	28.63	7.67	13	0.85	21.81	33	Pass
2	5	1907.5	16QAM	12	HIGH	20.99	28.5	7.51	13	0.85	21.84	33	Pass
2	5	1907.5	16QAM	1	LOW	21.75	27.28	5.53	13	0.85	22.6	33	Pass
2	5	1907.5	16QAM	1	MID	21.91	27.38	5.47	13	0.85	22.76	33	Pass
2	5	1907.5	16QAM	1	HIGH	21.78	27.19	5.41	13	0.85	22.63	33	Pass
2	10	1855	QPSK	50	LOW	21.96	28.01	6.05	13	0.85	22.81	33	Pass
2	10	1855	QPSK	25	LOW	21.91	28.47	6.56	13	0.85	22.76	33	Pass
2	10	1855	QPSK	25	MID	21.93	28.55	6.62	13	0.85	22.78	33	Pass
2	10	1855	QPSK	25	HIGH	21.97	28.63	6.66	13	0.85	22.82	33	Pass
2	10	1855	QPSK	1	LOW	22.91	27.83	4.92	13	0.85	23.76	33	Pass
2	10	1855	QPSK	1	MID	22.97	27.89	4.92	13	0.85	23.82	33	Pass
2	10	1855	QPSK	1	HIGH	22.81	27.78	4.97	13	0.85	23.66	33	Pass
2	10	1855	16QAM	50	LOW	21.01	28.88	7.87	13	0.85	21.86	33	Pass
2	10	1855	16QAM	25	LOW	21.09	28.46	7.37	13	0.85	21.94	33	Pass
2	10	1855	16QAM	25	MID	21.1	28.46	7.36	13	0.85	21.95	33	Pass
2	10	1855	16QAM	25	HIGH	21.1	28.51	7.41	13	0.85	21.95	33	Pass
2	10	1855	16QAM	1	LOW	21.95	27.36	5.41	13	0.85	22.8	33	Pass
2	10	1855	16QAM	1	MID	22.07	27.49	5.42	13	0.85	22.92	33	Pass
2	10	1855	16QAM	1	HIGH	21.85	27.32	5.47	13	0.85	22.70	33	Pass
2	10	1880	QPSK	50	LOW	21.94	28.38	6.44	13	0.85	22.79	33	Pass
2	10	1880	QPSK	25	LOW	22.02	28.65	6.63	13	0.85	22.87	33	Pass
2	10	1880	QPSK	25	MID	22	28.65	6.65	13	0.85	22.85	33	Pass

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Conclusion
2	10	1880	QPSK	25	HIGH	21.88	28.48	6.60	13	0.85	22.73	33	Pass
2	10	1880	QPSK	1	LOW	22.82	27.86	5.04	13	0.85	23.67	33	Pass
2	10	1880	QPSK	1	MID	22.96	27.94	4.98	13	0.85	23.81	33	Pass
2	10	1880	QPSK	1	HIGH	22.79	27.85	5.06	13	0.85	23.64	33	Pass
2	10	1880	16QAM	50	LOW	21.01	28.92	7.91	13	0.85	21.86	33	Pass
2	10	1880	16QAM	25	LOW	21.11	28.6	7.49	13	0.85	21.96	33	Pass
2	10	1880	16QAM	25	MID	21.1	28.58	7.48	13	0.85	21.95	33	Pass
2	10	1880	16QAM	25	HIGH	21.02	28.54	7.52	13	0.85	21.87	33	Pass
2	10	1880	16QAM	1	LOW	22.44	28.7	6.26	13	0.85	23.29	33	Pass
2	10	1880	16QAM	1	MID	22.57	28.75	6.18	13	0.85	23.42	33	Pass
2	10	1880	16QAM	1	HIGH	22.46	28.72	6.26	13	0.85	23.31	33	Pass
2	10	1905	QPSK	50	LOW	22.07	28.71	6.64	13	0.85	22.92	33	Pass
2	10	1905	QPSK	25	LOW	22.09	28.49	6.40	13	0.85	22.94	33	Pass
2	10	1905	QPSK	25	MID	22.09	28.48	6.39	13	0.85	22.94	33	Pass
2	10	1905	QPSK	25	HIGH	22.04	28.34	6.30	13	0.85	22.89	33	Pass
2	10	1905	QPSK	1	LOW	22.96	28.32	5.36	13	0.85	23.81	33	Pass
2	10	1905	QPSK	1	MID	23.08	28.39	5.31	13	0.85	23.93	33	Pass
2	10	1905	QPSK	1	HIGH	22.9	28.05	5.15	13	0.85	23.75	33	Pass
2	10	1905	16QAM	50	LOW	21.16	28.08	6.92	13	0.85	22.01	33	Pass
2	10	1905	16QAM	25	LOW	21.19	28.78	7.59	13	0.85	22.04	33	Pass
2	10	1905	16QAM	25	MID	21.19	28.8	7.61	13	0.85	22.04	33	Pass
2	10	1905	16QAM	25	HIGH	21.15	28.6	7.45	13	0.85	22	33	Pass
2	10	1905	16QAM	1	LOW	22.09	27.12	5.03	13	0.85	22.94	33	Pass
2	10	1905	16QAM	1	MID	22.23	27.19	4.96	13	0.85	23.08	33	Pass
2	10	1905	16QAM	1	HIGH	22.07	27.03	4.96	13	0.85	22.92	33	Pass
2	15	1857.5	QPSK	75	LOW	21.92	28.95	7.03	13	0.85	22.77	33	Pass
2	15	1857.5	QPSK	38	LOW	21.89	28.92	7.03	13	0.85	22.74	33	Pass
2	15	1857.5	QPSK	38	MID	21.91	28.98	7.07	13	0.85	22.76	33	Pass
2	15	1857.5	QPSK	38	HIGH	21.88	28.97	7.09	13	0.85	22.73	33	Pass
2	15	1857.5	QPSK	1	LOW	22.77	27.75	4.98	13	0.85	23.62	33	Pass
2	15	1857.5	QPSK	1	MID	22.83	27.82	4.99	13	0.85	23.68	33	Pass
2	15	1857.5	QPSK	1	HIGH	22.69	27.67	4.98	13	0.85	23.54	33	Pass
2	15	1857.5	16QAM	75	LOW	20.91	28.42	7.51	13	0.85	21.76	33	Pass
2	15	1857.5	16QAM	38	LOW	20.94	28.49	7.55	13	0.85	21.79	33	Pass
2	15	1857.5	16QAM	38	MID	20.96	28.51	7.55	13	0.85	21.81	33	Pass
2	15	1857.5	16QAM	38	HIGH	20.94	28.4	7.46	13	0.85	21.79	33	Pass
2	15	1857.5	16QAM	1	LOW	22.46	28.56	6.10	13	0.85	23.31	33	Pass
2	15	1857.5	16QAM	1	MID	22.47	28.62	6.15	13	0.85	23.32	33	Pass
2	15	1857.5	16QAM	1	HIGH	22.36	28.49	6.13	13	0.85	23.21	33	Pass
2	15	1880	QPSK	75	LOW	21.92	28.78	6.86	13	0.85	22.77	33	Pass
2	15	1880	QPSK	38	LOW	21.9	28.77	6.87	13	0.85	22.75	33	Pass

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Conclusion
2	15	1880	QPSK	38	MID	21.91	28.85	6.94	13	0.85	22.76	33	Pass
2	15	1880	QPSK	38	HIGH	21.93	28.87	6.94	13	0.85	22.78	33	Pass
2	15	1880	QPSK	1	LOW	22.73	28.2	5.47	13	0.85	23.58	33	Pass
2	15	1880	QPSK	1	MID	22.85	28.29	5.44	13	0.85	23.70	33	Pass
2	15	1880	QPSK	1	HIGH	22.78	28.23	5.45	13	0.85	23.63	33	Pass
2	15	1880	16QAM	75	LOW	20.94	28.64	7.70	13	0.85	21.79	33	Pass
2	15	1880	16QAM	38	LOW	20.95	28.48	7.53	13	0.85	21.8	33	Pass
2	15	1880	16QAM	38	MID	20.96	28.47	7.51	13	0.85	21.81	33	Pass
2	15	1880	16QAM	38	HIGH	20.97	28.56	7.59	13	0.85	21.82	33	Pass
2	15	1880	16QAM	1	LOW	21.9	26.98	5.08	13	0.85	22.75	33	Pass
2	15	1880	16QAM	1	MID	22.01	27.08	5.07	13	0.85	22.86	33	Pass
2	15	1880	16QAM	1	HIGH	21.88	26.97	5.09	13	0.85	22.73	33	Pass
2	15	1902.5	QPSK	75	LOW	21.95	28.72	6.77	13	0.85	22.8	33	Pass
2	15	1902.5	QPSK	38	LOW	21.98	28.74	6.76	13	0.85	22.83	33	Pass
2	15	1902.5	QPSK	38	MID	21.97	28.71	6.74	13	0.85	22.82	33	Pass
2	15	1902.5	QPSK	38	HIGH	21.95	28.7	6.75	13	0.85	22.8	33	Pass
2	15	1902.5	QPSK	1	LOW	22.81	27.49	4.68	13	0.85	23.66	33	Pass
2	15	1902.5	QPSK	1	MID	22.95	27.62	4.67	13	0.85	23.8	33	Pass
2	15	1902.5	QPSK	1	HIGH	22.83	27.4	4.57	13	0.85	23.68	33	Pass
2	15	1902.5	16QAM	75	LOW	21.02	28.4	7.38	13	0.85	21.87	33	Pass
2	15	1902.5	16QAM	38	LOW	21.01	28.41	7.40	13	0.85	21.86	33	Pass
2	15	1902.5	16QAM	38	MID	21.01	28.47	7.46	13	0.85	21.86	33	Pass
2	15	1902.5	16QAM	38	HIGH	21	28.44	7.44	13	0.85	21.85	33	Pass
2	15	1902.5	16QAM	1	LOW	22.22	27.38	5.16	13	0.85	23.07	33	Pass
2	15	1902.5	16QAM	1	MID	22.37	27.54	5.17	13	0.85	23.22	33	Pass
2	15	1902.5	16QAM	1	HIGH	22.28	27.35	5.07	13	0.85	23.13	33	Pass
2	20	1860	QPSK	100	LOW	21.83	28.62	6.79	13	0.85	22.68	33	Pass
2	20	1860	QPSK	50	LOW	21.77	28.48	6.71	13	0.85	22.62	33	Pass
2	20	1860	QPSK	50	MID	21.78	28.41	6.63	13	0.85	22.63	33	Pass
2	20	1860	QPSK	50	HIGH	21.87	28.35	6.48	13	0.85	22.72	33	Pass
2	20	1860	QPSK	1	LOW	22.67	27.92	5.25	13	0.85	23.52	33	Pass
2	20	1860	QPSK	1	MID	22.95	28.12	5.17	13	0.85	23.8	33	Pass
2	20	1860	QPSK	1	HIGH	22.5	27.83	5.33	13	0.85	23.35	33	Pass
2	20	1860	16QAM	100	LOW	20.92	28.44	7.52	13	0.85	21.77	33	Pass
2	20	1860	16QAM	50	LOW	20.83	28.43	7.60	13	0.85	21.68	33	Pass
2	20	1860	16QAM	50	MID	20.84	28.44	7.60	13	0.85	21.69	33	Pass
2	20	1860	16QAM	50	HIGH	20.94	28.34	7.40	13	0.85	21.79	33	Pass
2	20	1860	16QAM	1	LOW	22.26	27.82	5.56	13	0.85	23.11	33	Pass
2	20	1860	16QAM	1	MID	22.6	28.05	5.45	13	0.85	23.45	33	Pass
2	20	1860	16QAM	1	HIGH	22.07	27.71	5.64	13	0.85	22.92	33	Pass
2	20	1880	QPSK	100	LOW	21.99	28.74	6.75	13	0.85	22.84	33	Pass

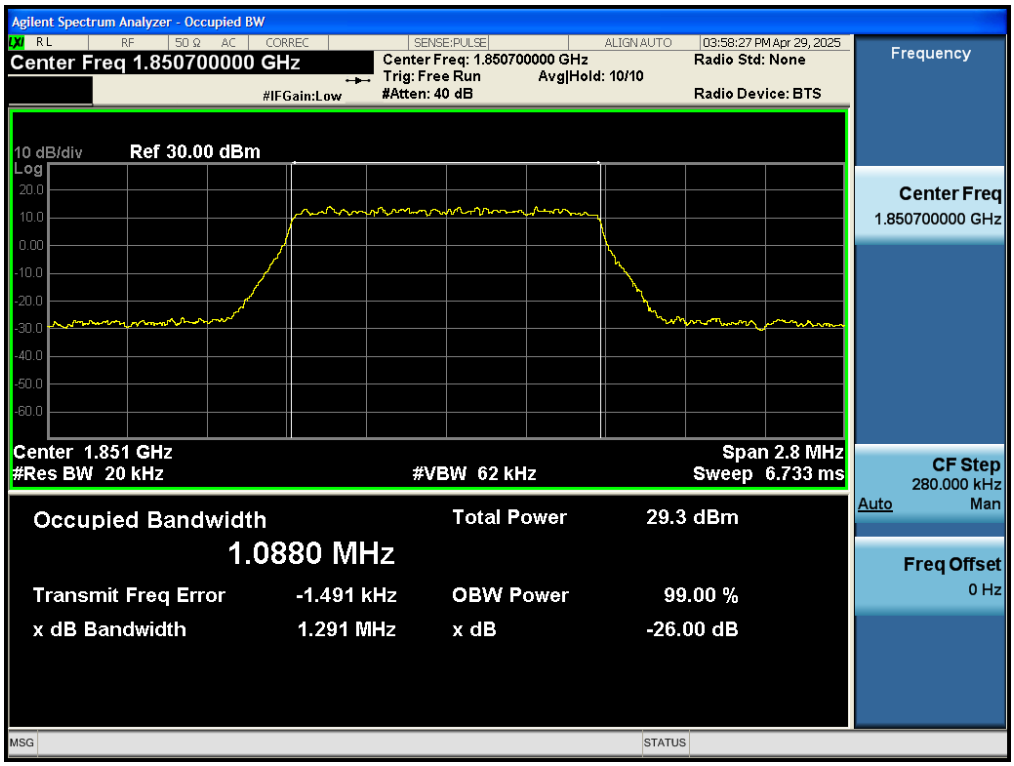
Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Conclusion
2	20	1880	QPSK	50	LOW	22	28.7	6.70	13	0.85	22.85	33	Pass
2	20	1880	QPSK	50	MID	22.03	28.7	6.67	13	0.85	22.88	33	Pass
2	20	1880	QPSK	50	HIGH	21.9	28.68	6.78	13	0.85	22.75	33	Pass
2	20	1880	QPSK	1	LOW	22.62	28.07	5.45	13	0.85	23.47	33	Pass
2	20	1880	QPSK	1	MID	23.1	28.53	5.43	13	0.85	23.95	33	Pass
2	20	1880	QPSK	1	HIGH	22.64	28.14	5.5	13	0.85	23.49	33	Pass
2	20	1880	16QAM	100	LOW	21.07	28.91	7.84	13	0.85	21.92	33	Pass
2	20	1880	16QAM	50	LOW	21.05	28.9	7.85	13	0.85	21.90	33	Pass
2	20	1880	16QAM	50	MID	21.05	28.95	7.90	13	0.85	21.90	33	Pass
2	20	1880	16QAM	50	HIGH	20.94	29.02	8.08	13	0.85	21.79	33	Pass
2	20	1880	16QAM	1	LOW	21.95	27.77	5.82	13	0.85	22.8	33	Pass
2	20	1880	16QAM	1	MID	22.39	28.18	5.79	13	0.85	23.24	33	Pass
2	20	1880	16QAM	1	HIGH	21.95	27.86	5.91	13	0.85	22.8	33	Pass
2	20	1900	QPSK	100	LOW	21.85	28.41	6.56	13	0.85	22.70	33	Pass
2	20	1900	QPSK	50	LOW	21.82	28.39	6.57	13	0.85	22.67	33	Pass
2	20	1900	QPSK	50	MID	21.82	28.42	6.60	13	0.85	22.67	33	Pass
2	20	1900	QPSK	50	HIGH	21.8	28.42	6.62	13	0.85	22.65	33	Pass
2	20	1900	QPSK	1	LOW	22.65	27.78	5.13	13	0.85	23.5	33	Pass
2	20	1900	QPSK	1	MID	23.07	28.13	5.06	13	0.85	23.92	33	Pass
2	20	1900	QPSK	1	HIGH	22.71	27.68	4.97	13	0.85	23.56	33	Pass
2	20	1900	16QAM	100	LOW	20.9	28.24	7.34	13	0.85	21.75	33	Pass
2	20	1900	16QAM	50	LOW	20.87	28.13	7.26	13	0.85	21.72	33	Pass
2	20	1900	16QAM	50	MID	20.92	28.17	7.25	13	0.85	21.77	33	Pass
2	20	1900	16QAM	50	HIGH	20.87	28.23	7.36	13	0.85	21.72	33	Pass
2	20	1900	16QAM	1	LOW	21.89	28.1	6.21	13	0.85	22.74	33	Pass
2	20	1900	16QAM	1	MID	22.35	28.45	6.10	13	0.85	23.20	33	Pass
2	20	1900	16QAM	1	HIGH	21.95	27.98	6.03	13	0.85	22.8	33	Pass

Appendix B: Occupied bandwidth

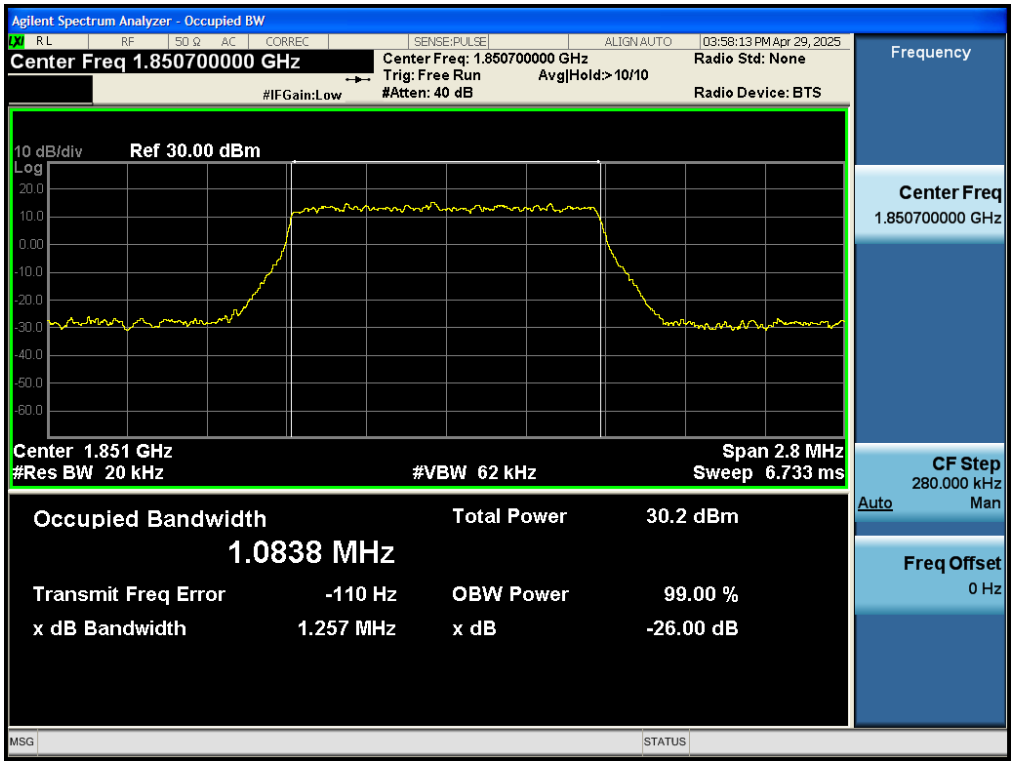
Test Result

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth (MHz)	Emission Bandwidth (MHz)	Limit
2	1.4	1850.7	QPSK	6	LOW	1.084	1.257	No limit
2	1.4	1850.7	16QAM	6	LOW	1.088	1.291	No limit
2	1.4	1880	QPSK	6	LOW	1.086	1.288	No limit
2	1.4	1880	16QAM	6	LOW	1.081	1.245	No limit
2	1.4	1909.3	QPSK	6	LOW	1.093	1.266	No limit
2	1.4	1909.3	16QAM	6	LOW	1.086	1.272	No limit
2	3	1851.5	QPSK	15	LOW	2.678	2.854	No limit
2	3	1851.5	16QAM	15	LOW	2.679	2.875	No limit
2	3	1880	QPSK	15	LOW	2.677	2.872	No limit
2	3	1880	16QAM	15	LOW	2.679	2.86	No limit
2	3	1908.5	QPSK	15	LOW	2.681	2.863	No limit
2	3	1908.5	16QAM	15	LOW	2.676	2.853	No limit
2	5	1852.5	QPSK	25	LOW	4.471	4.84	No limit
2	5	1852.5	16QAM	25	LOW	4.474	4.848	No limit
2	5	1880	QPSK	25	LOW	4.486	4.851	No limit
2	5	1880	16QAM	25	LOW	4.467	4.785	No limit
2	5	1907.5	QPSK	25	LOW	4.486	4.81	No limit
2	5	1907.5	16QAM	25	LOW	4.482	4.858	No limit
2	10	1855	QPSK	50	LOW	8.954	9.658	No limit
2	10	1855	16QAM	50	LOW	8.946	9.586	No limit
2	10	1880	QPSK	50	LOW	8.963	9.677	No limit
2	10	1880	16QAM	50	LOW	8.949	9.495	No limit
2	10	1905	QPSK	50	LOW	8.954	9.627	No limit
2	10	1905	16QAM	50	LOW	8.972	9.59	No limit
2	15	1857.5	QPSK	75	LOW	13.411	14.295	No limit
2	15	1857.5	16QAM	75	LOW	13.409	14.203	No limit
2	15	1880	QPSK	75	LOW	13.47	14.668	No limit
2	15	1880	16QAM	75	LOW	13.439	14.369	No limit
2	15	1902.5	QPSK	75	LOW	13.429	14.376	No limit
2	15	1902.5	16QAM	75	LOW	13.451	14.332	No limit
2	20	1860	QPSK	100	LOW	17.873	18.851	No limit
2	20	1860	16QAM	100	LOW	17.872	18.946	No limit
2	20	1880	QPSK	100	LOW	17.928	19.093	No limit
2	20	1880	16QAM	100	LOW	17.943	19.266	No limit
2	20	1900	QPSK	100	LOW	17.898	19.161	No limit
2	20	1900	16QAM	100	LOW	17.855	19.035	No limit

Test Graphs



Test_Graph_band2_1850.7MHz_1.4M_16QAM_6RB#LOW_OBW&EBW



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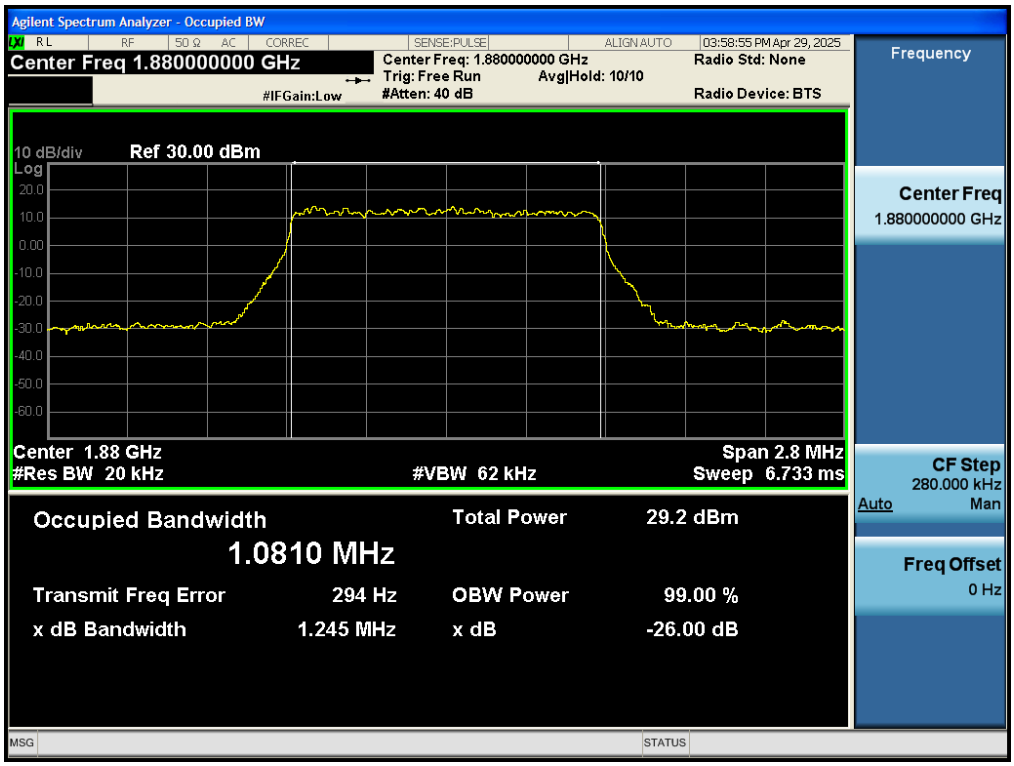

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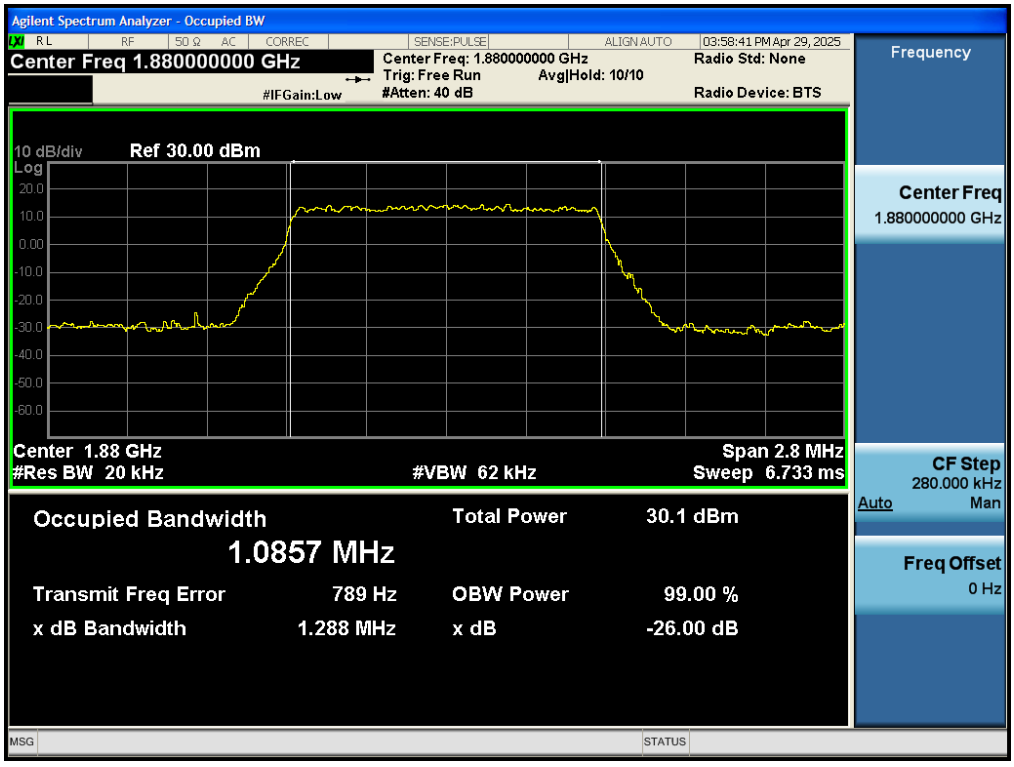

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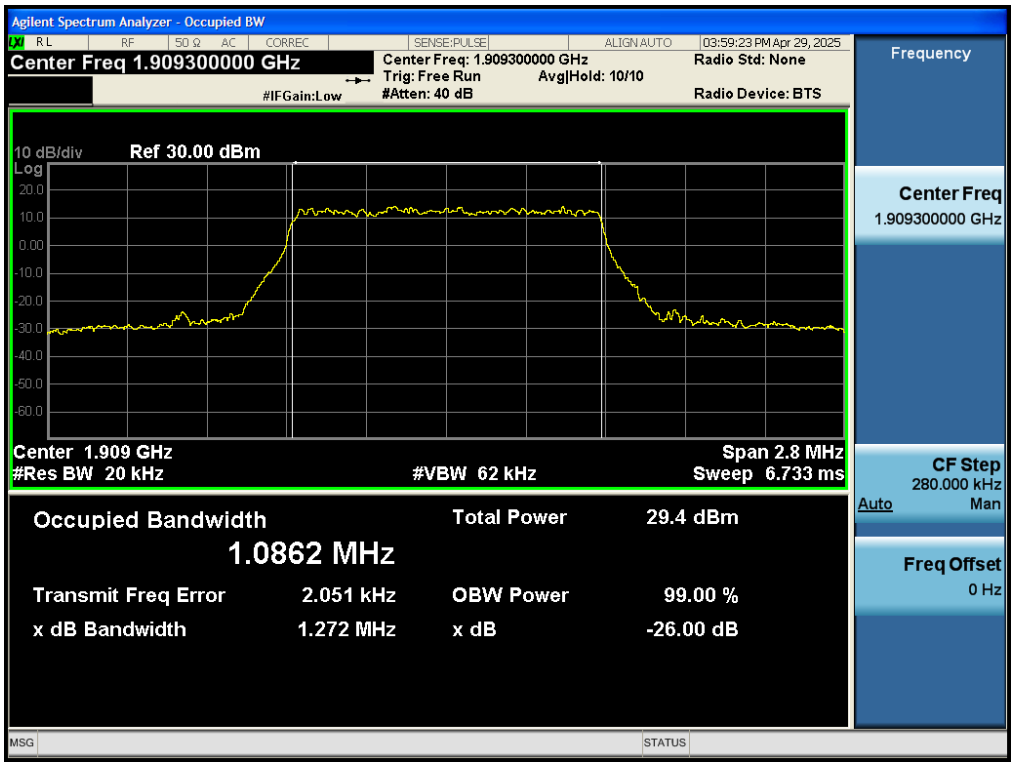

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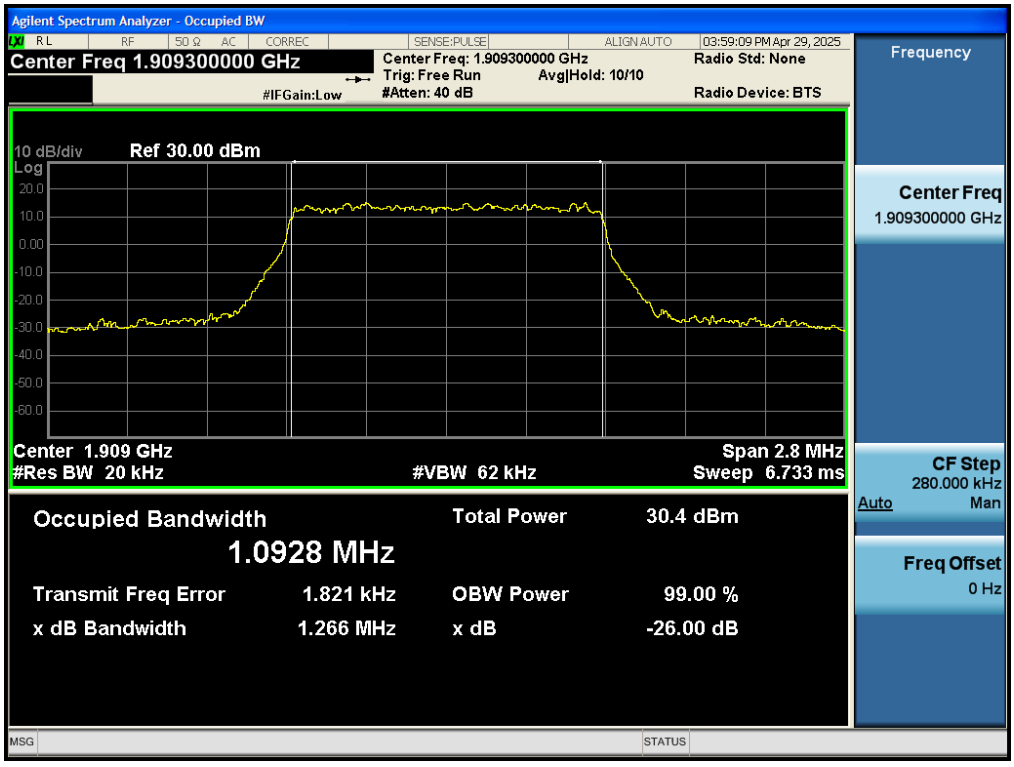

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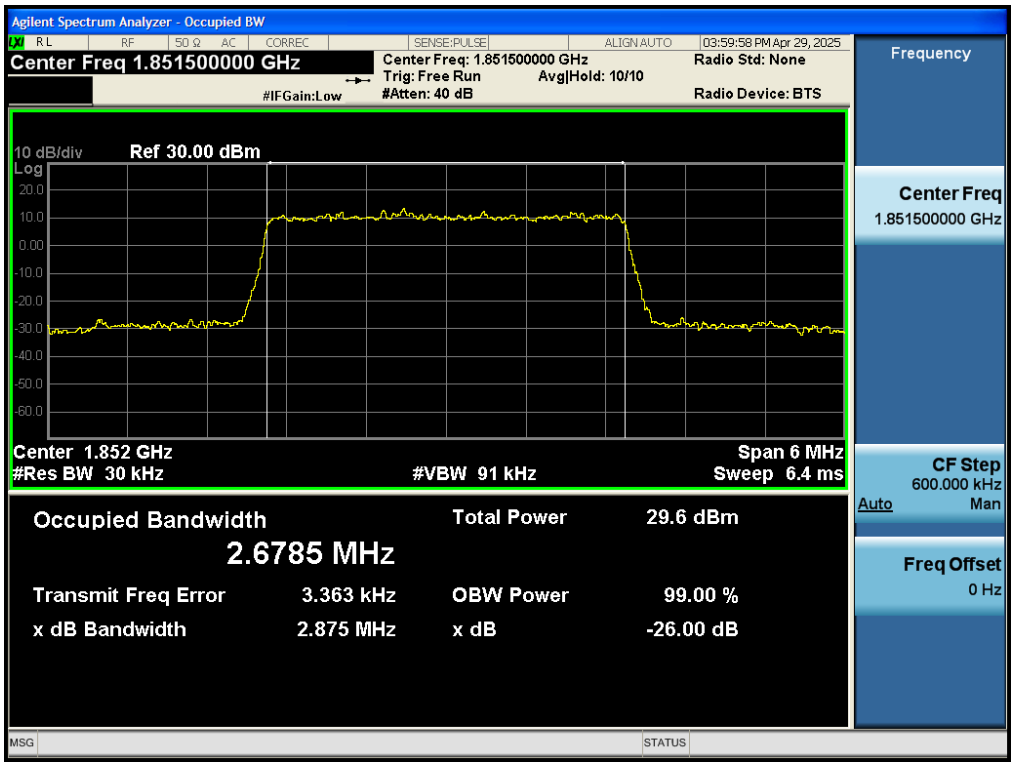
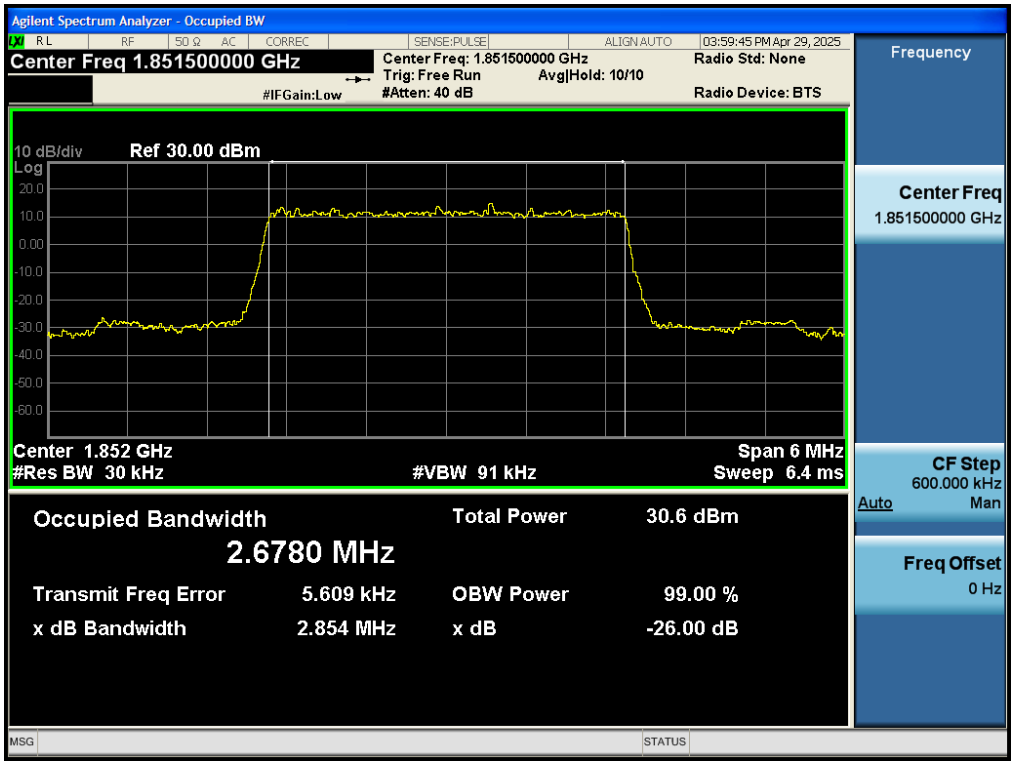


Test_Graph_band2_1851.5MHz_3M_16QAM_15RB#LOW_OBW&EBW



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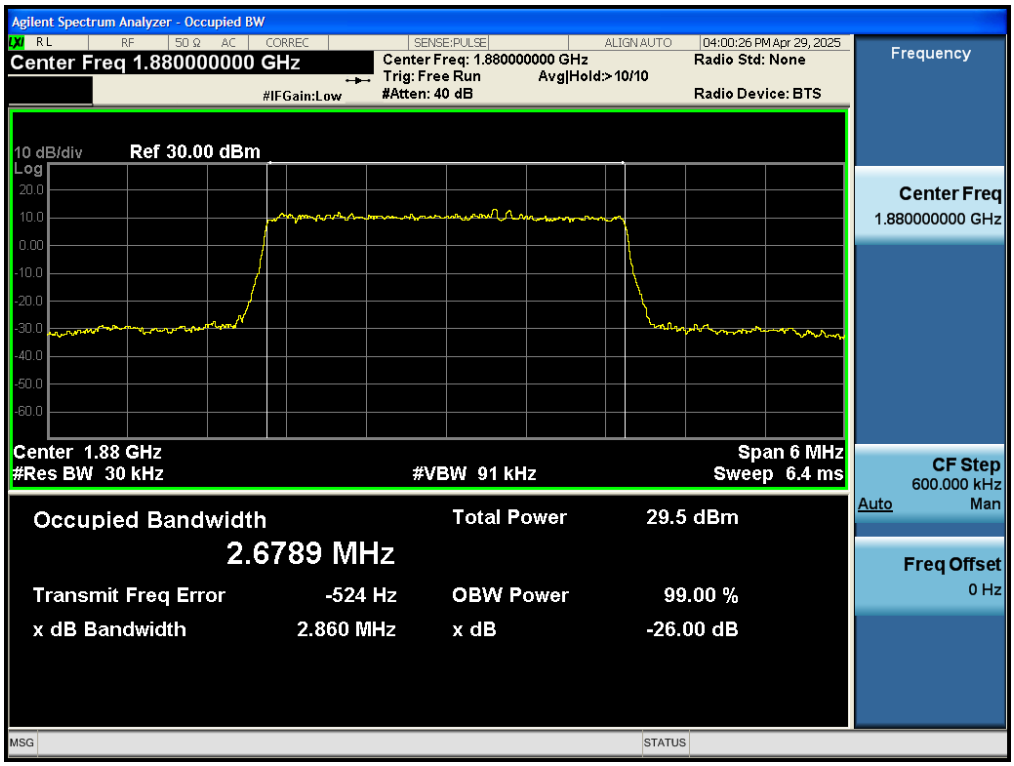

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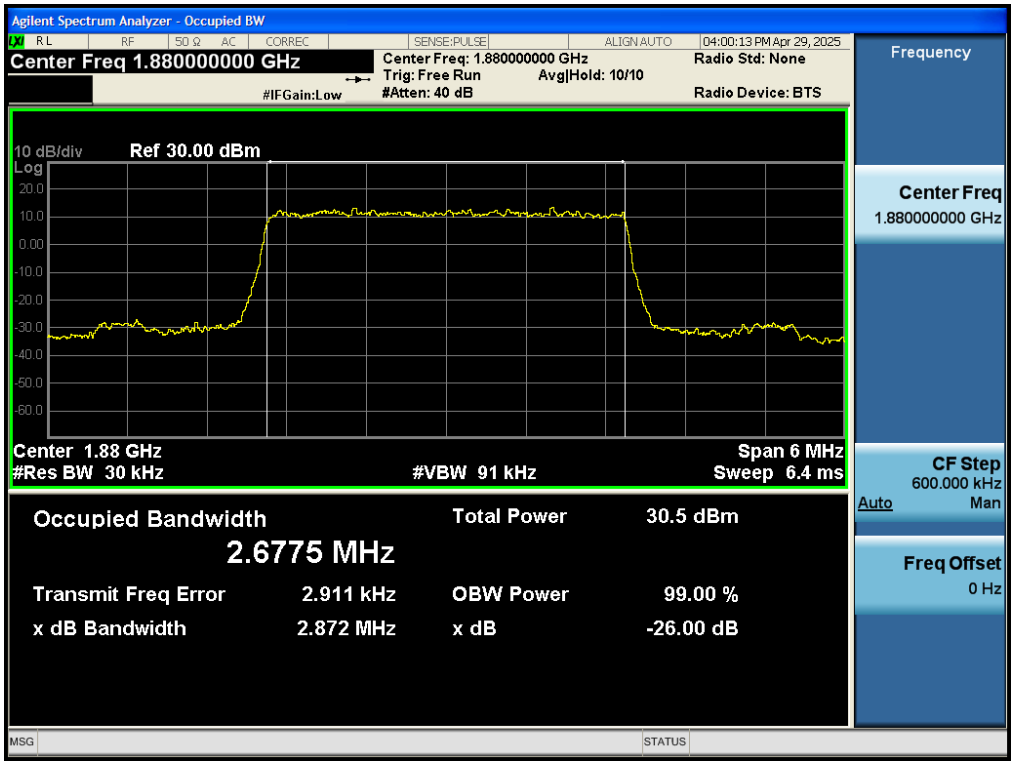

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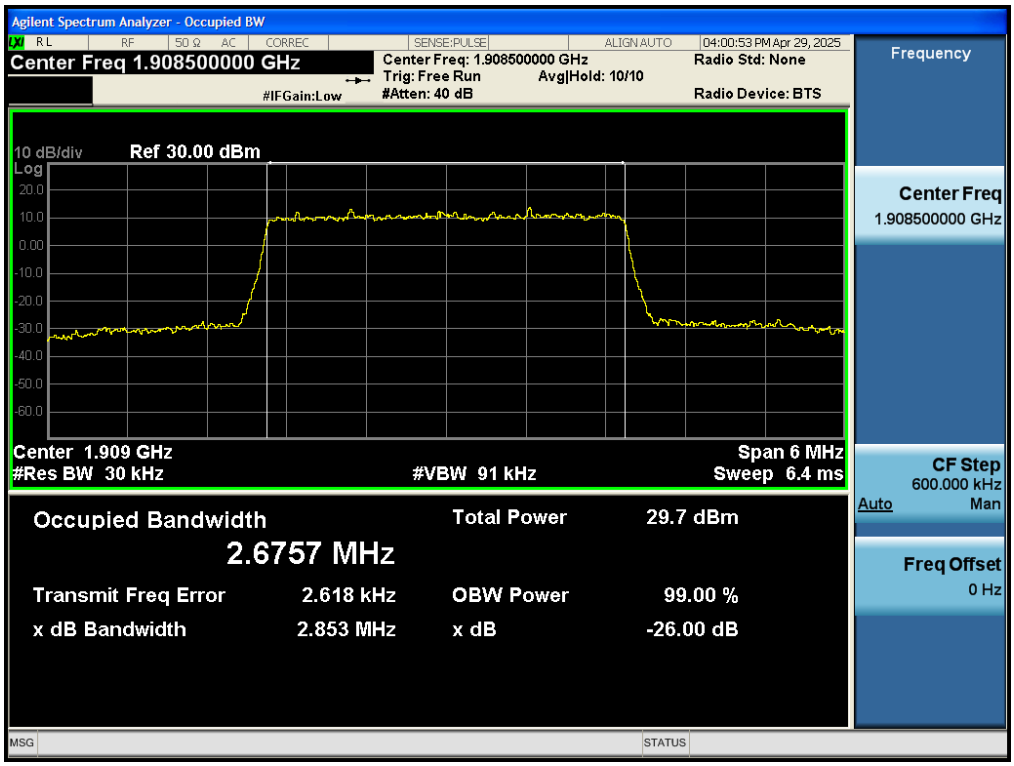

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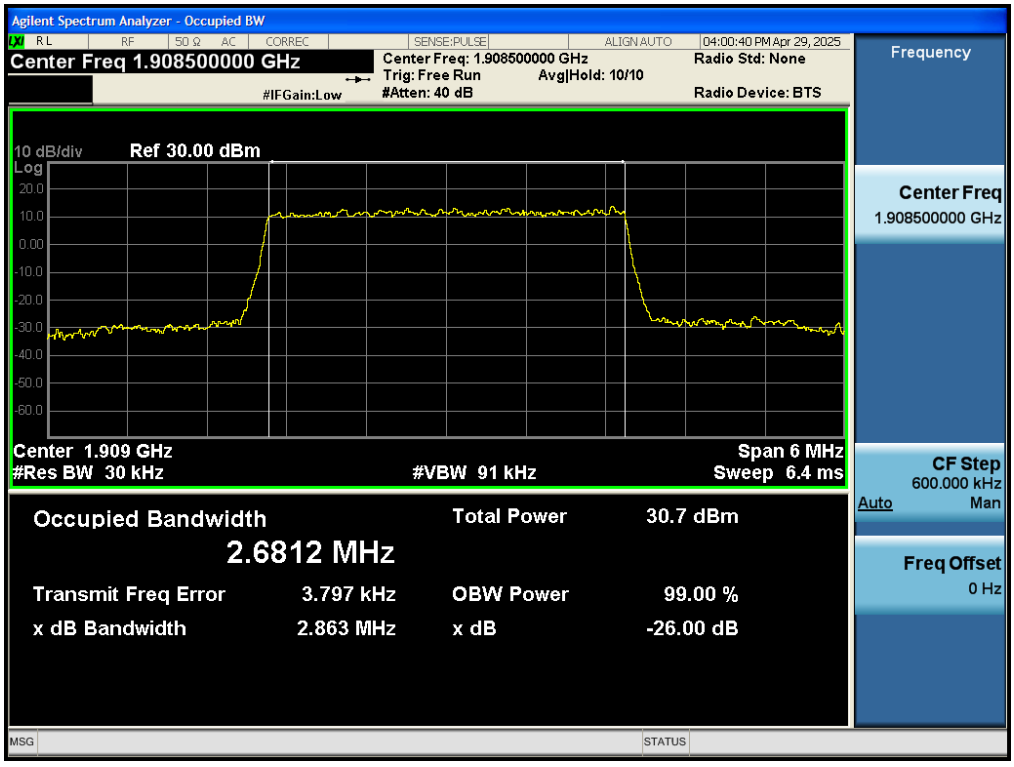

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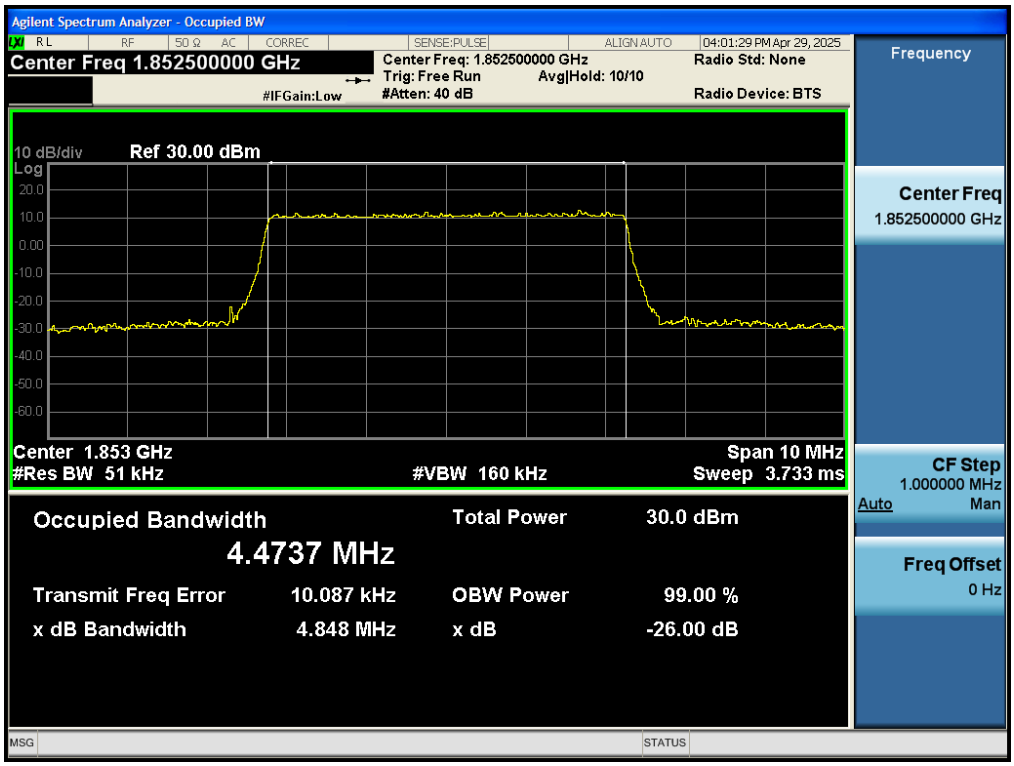

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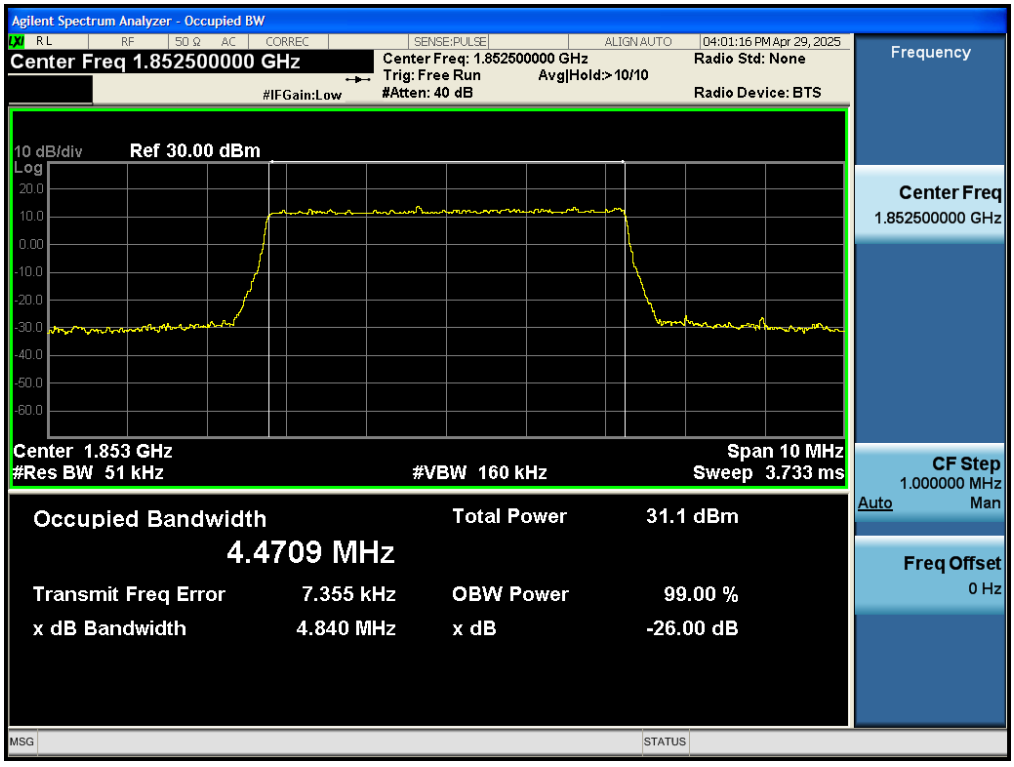

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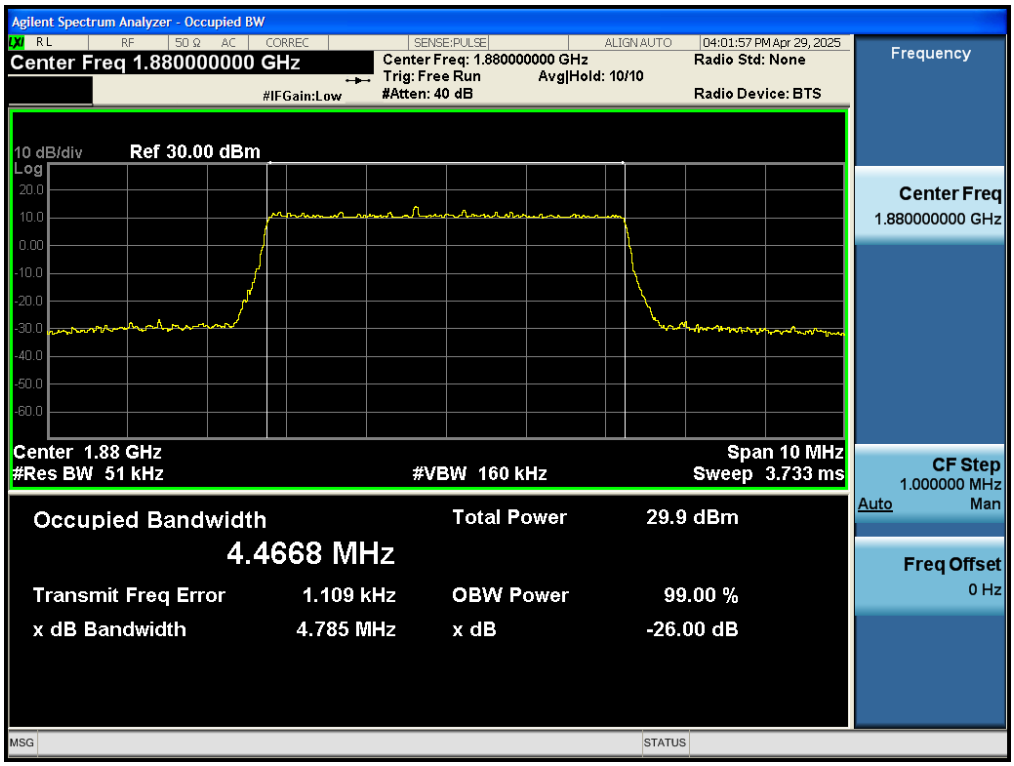

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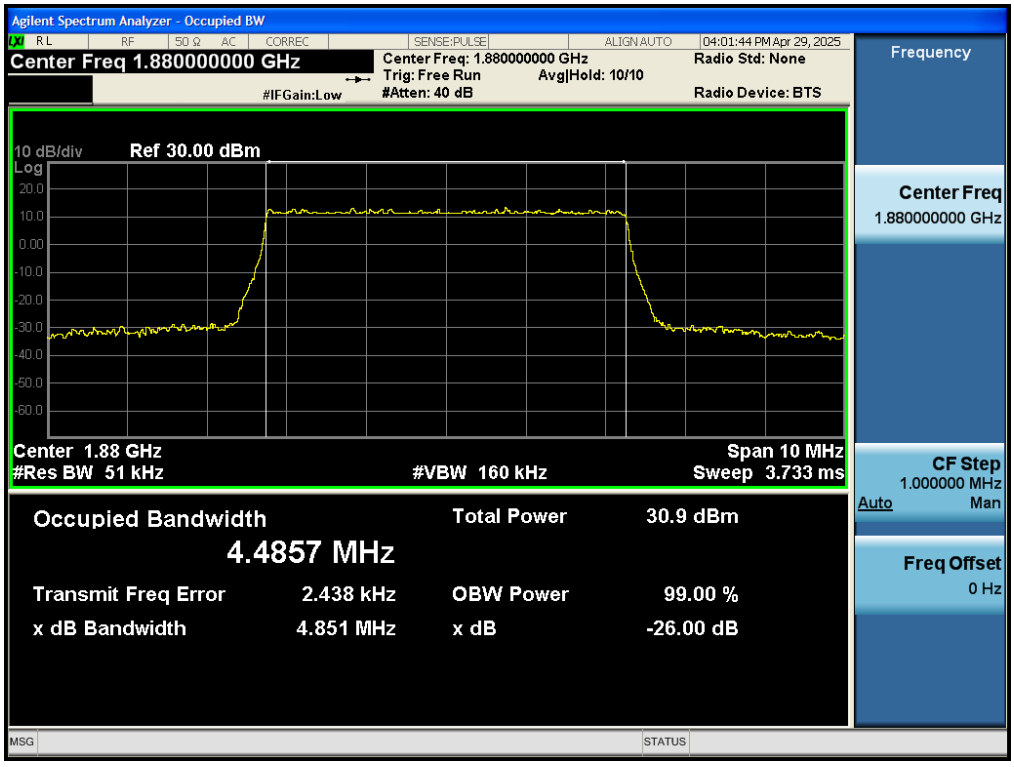

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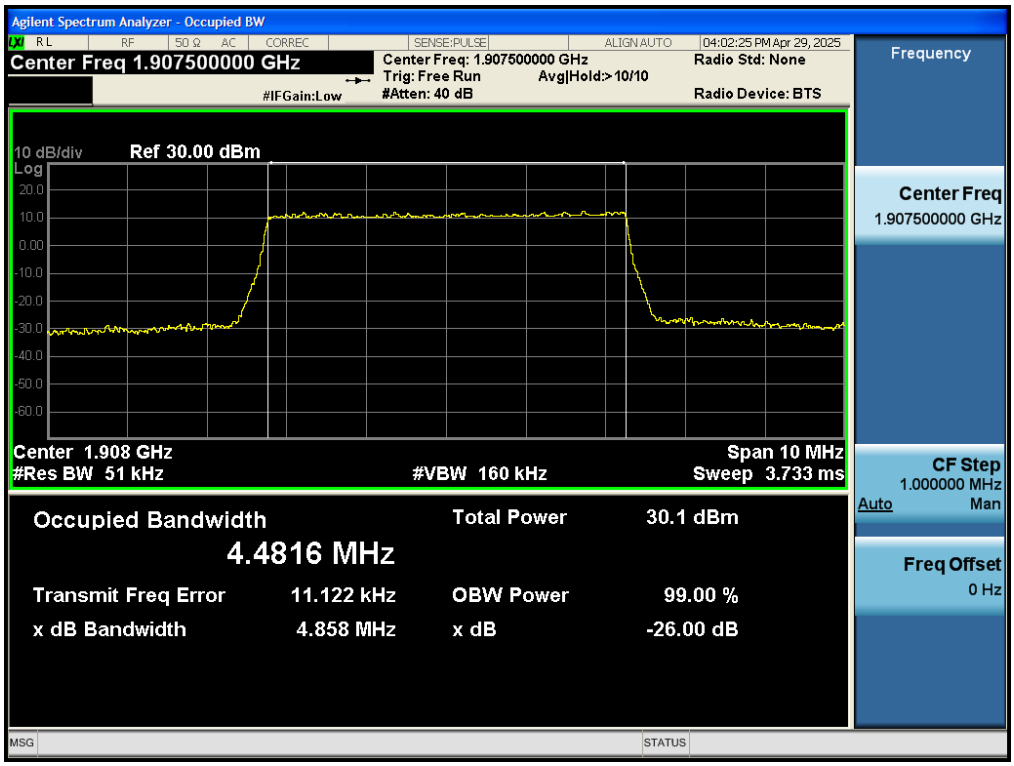

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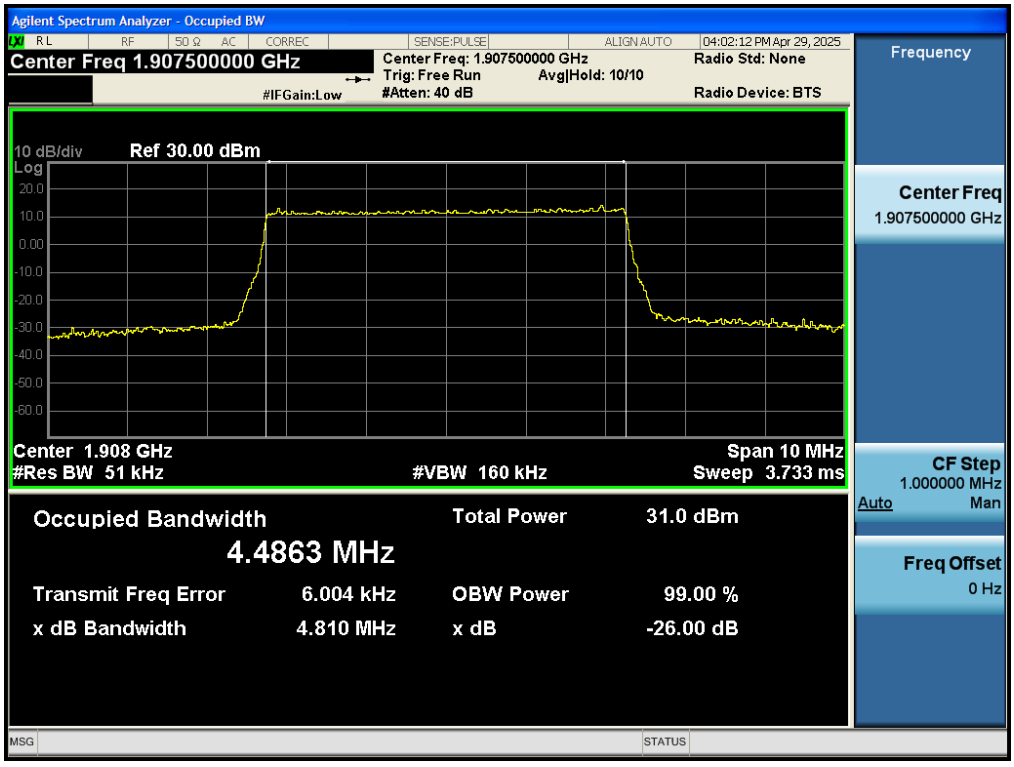

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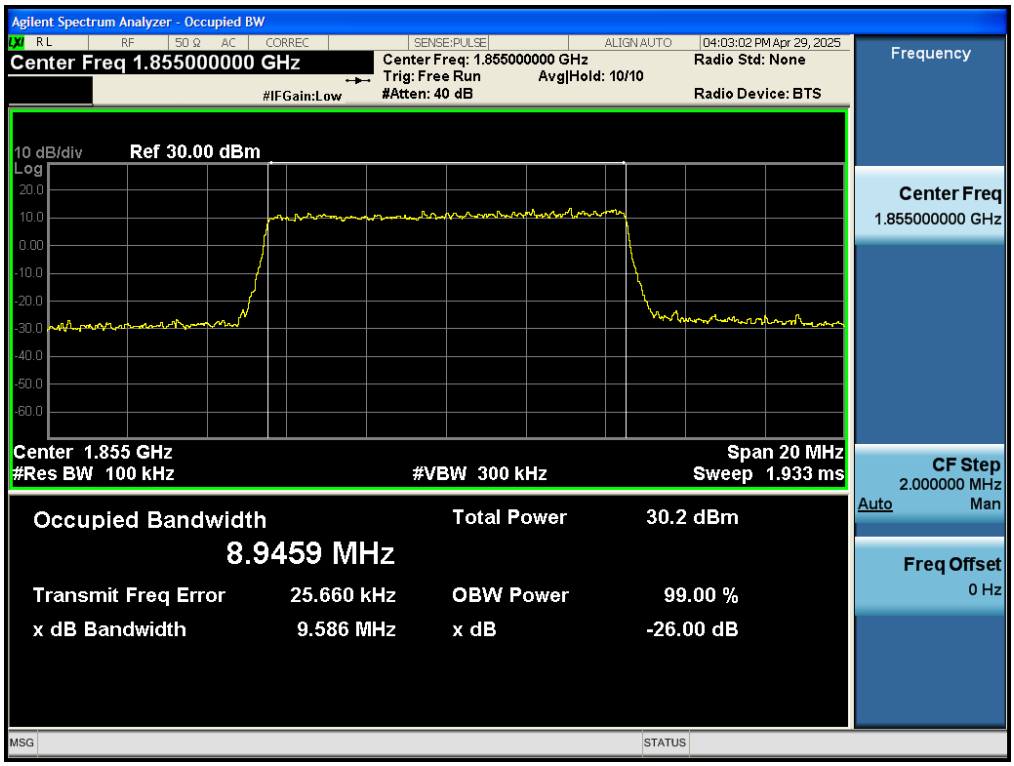

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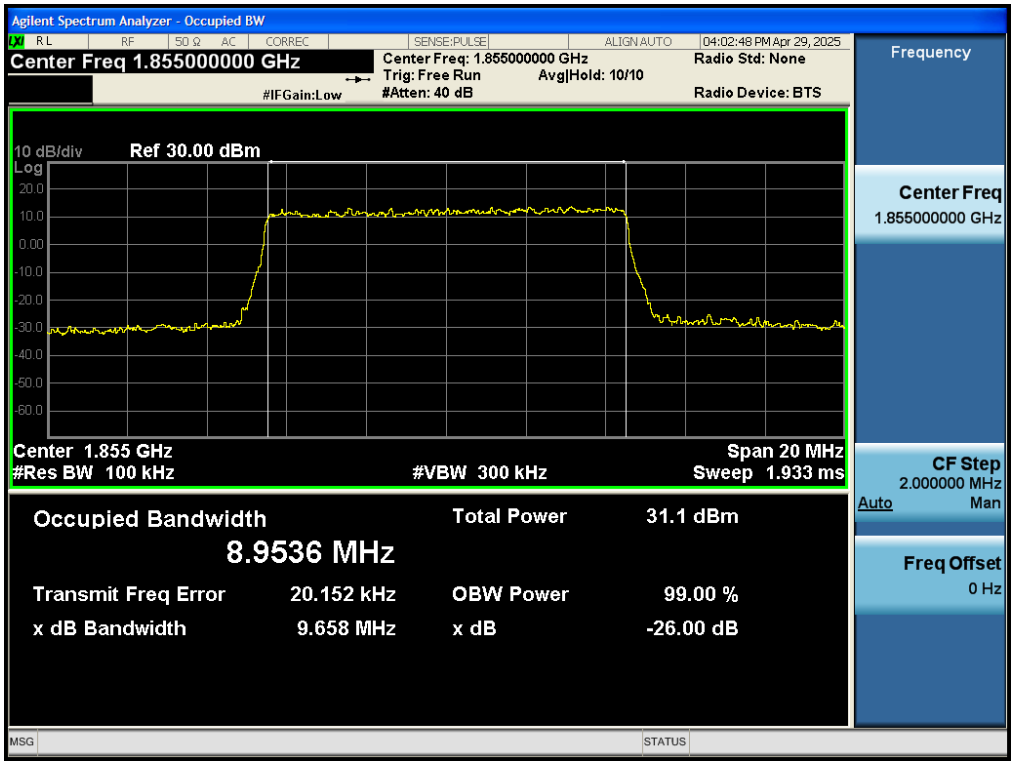

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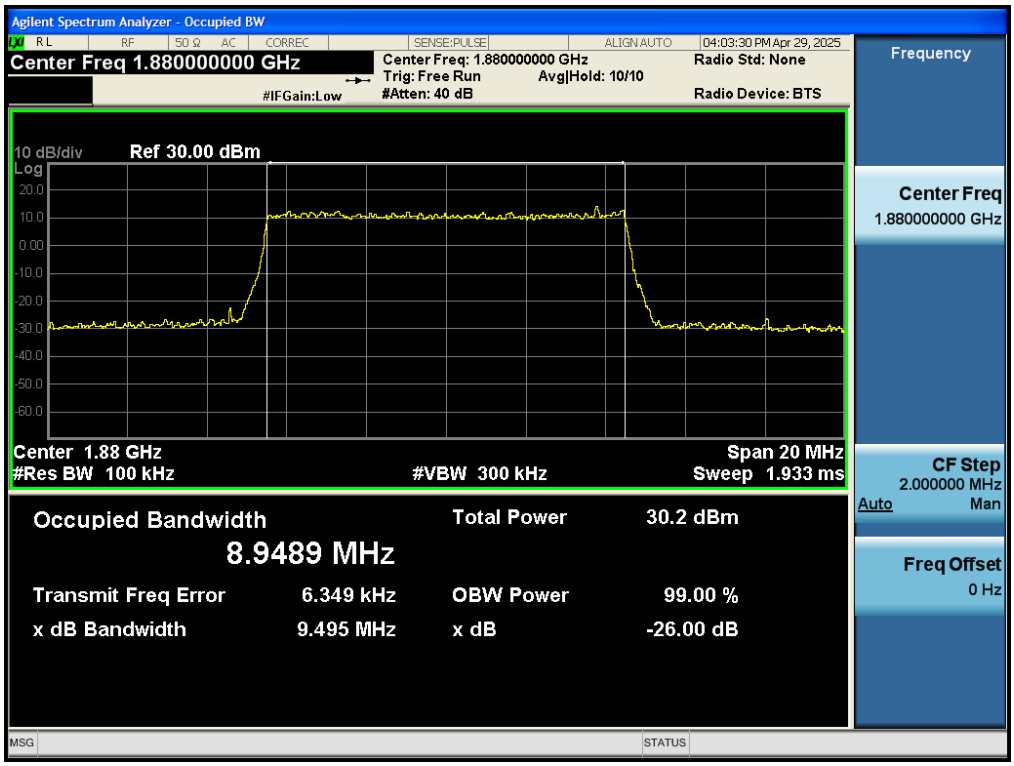
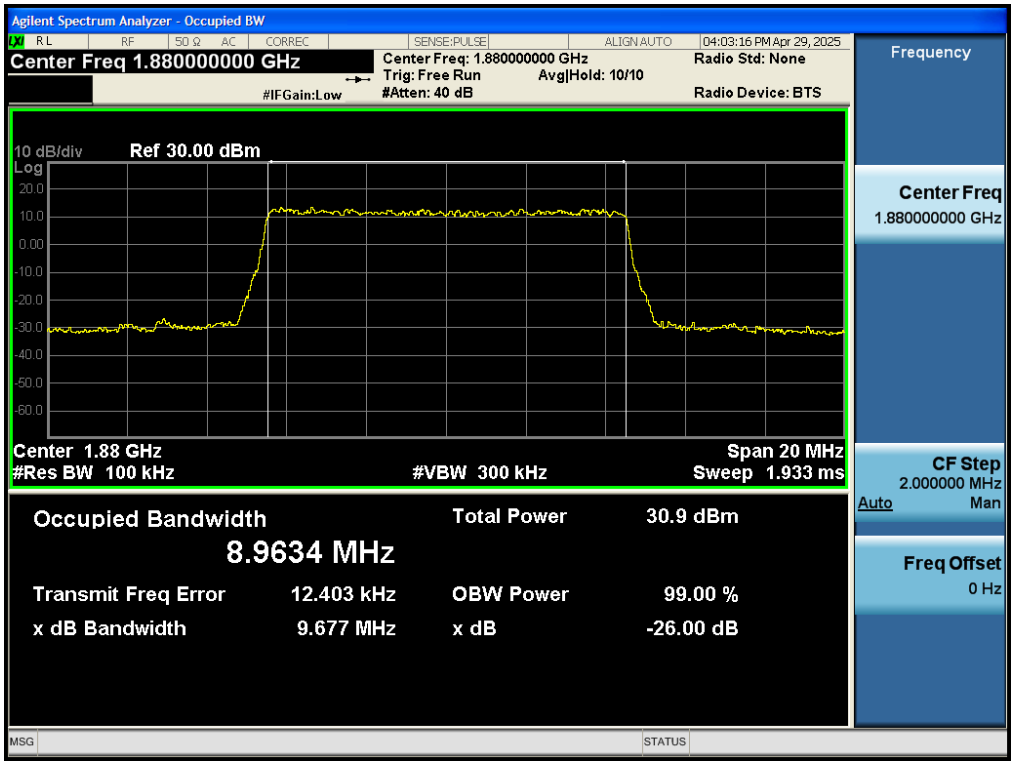
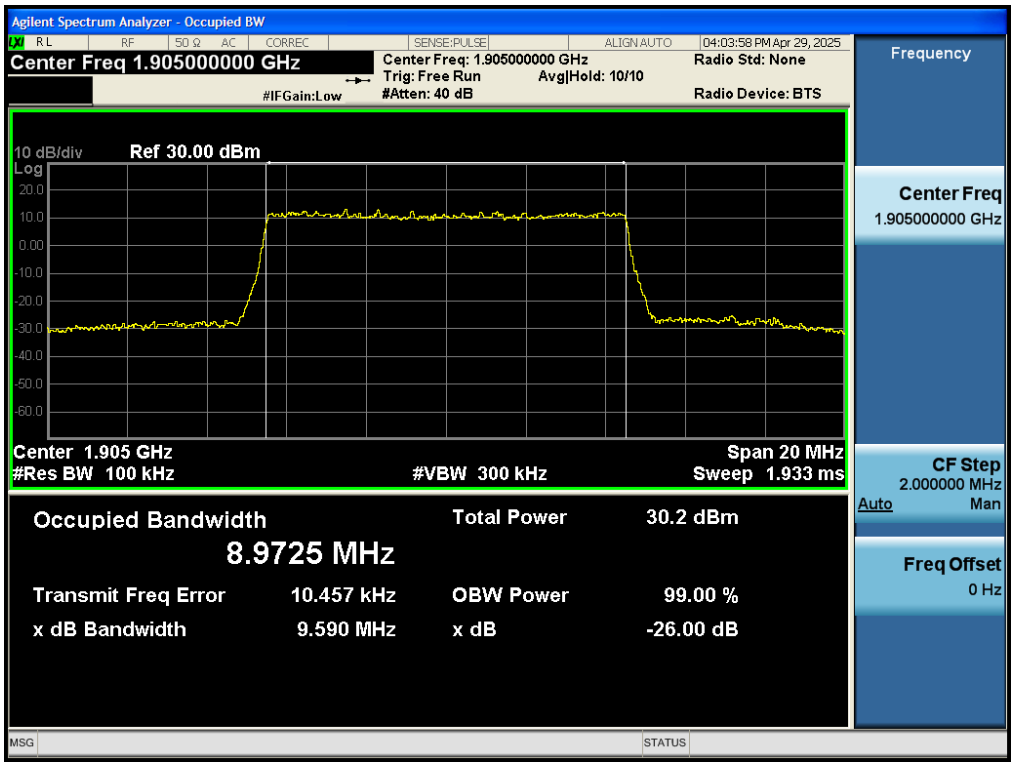


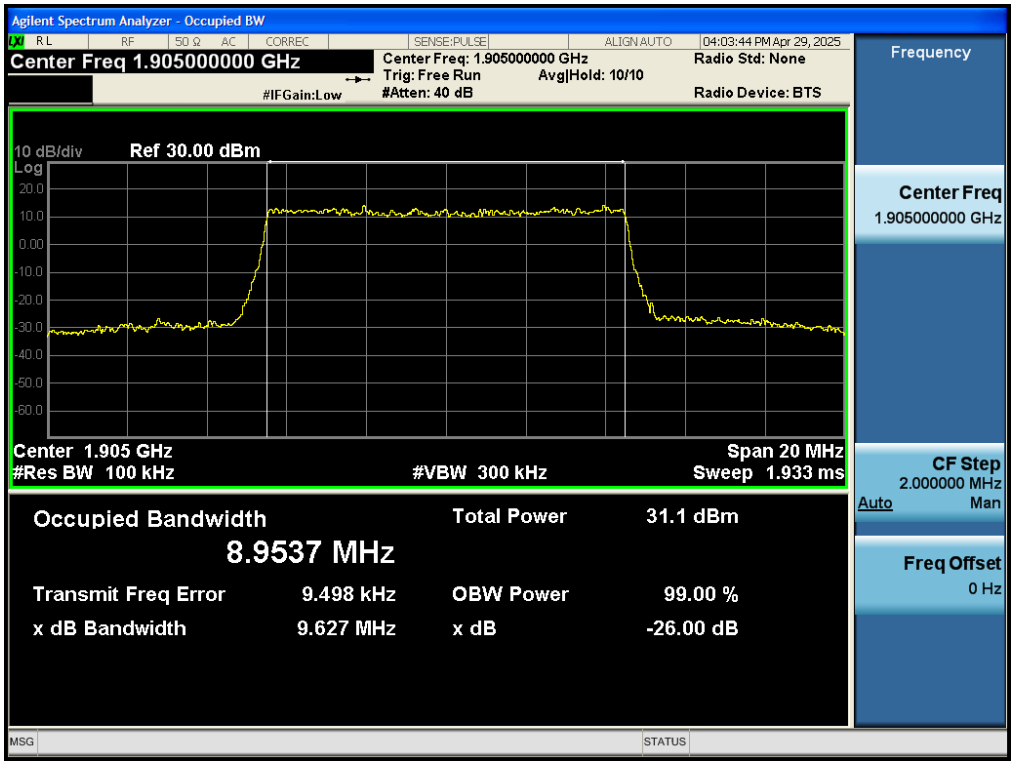
Test_Graph_band2_1880MHz_10M_16QAM_50RB#LOW_OBW&EBW



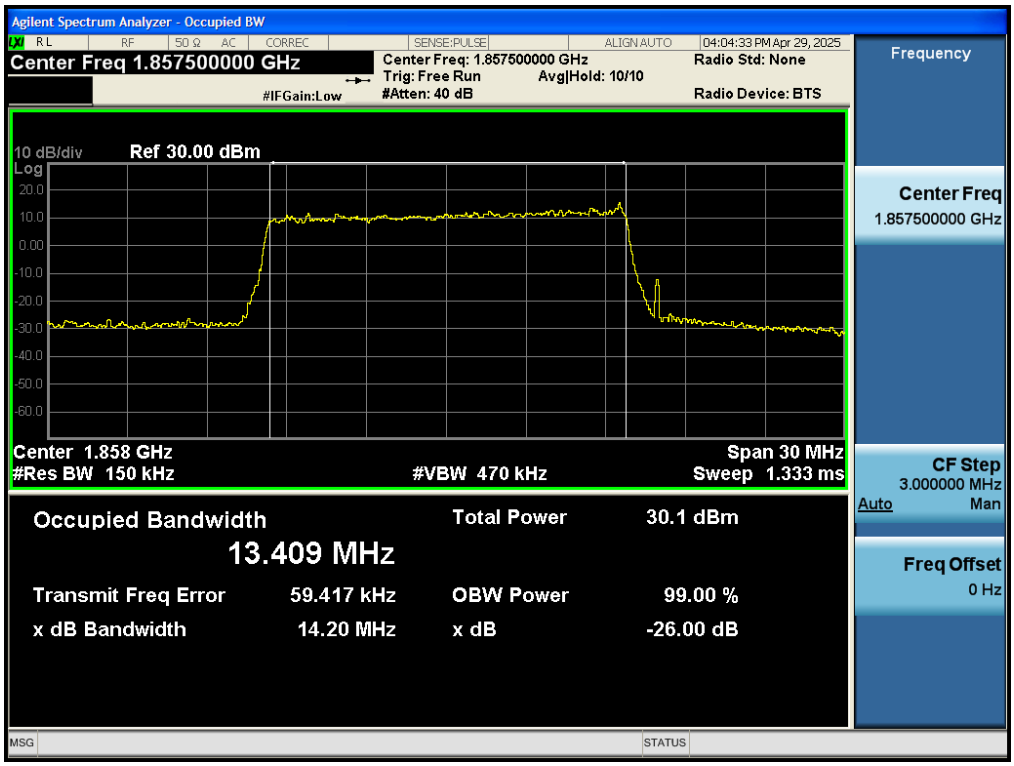
Test_Graph_band2_1880MHz_10M_QPSK_50RB#LOW_OBW&EBW



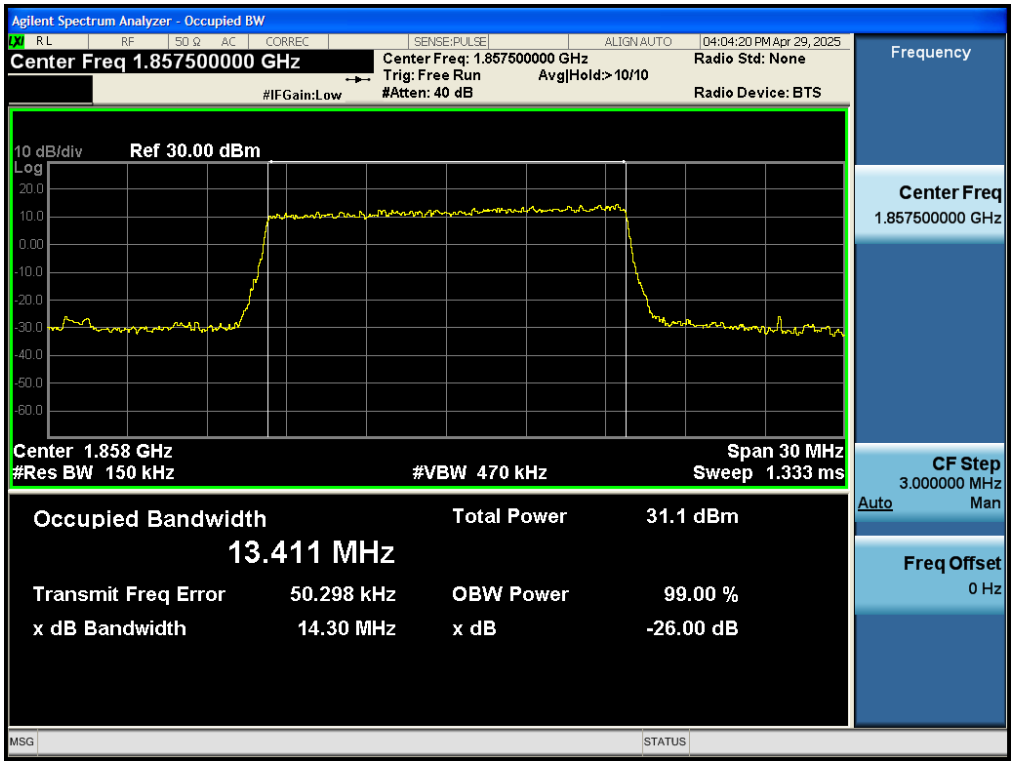
Test_Graph_band2_1905MHz_10M_16QAM_50RB#LOW_OBW&EBW



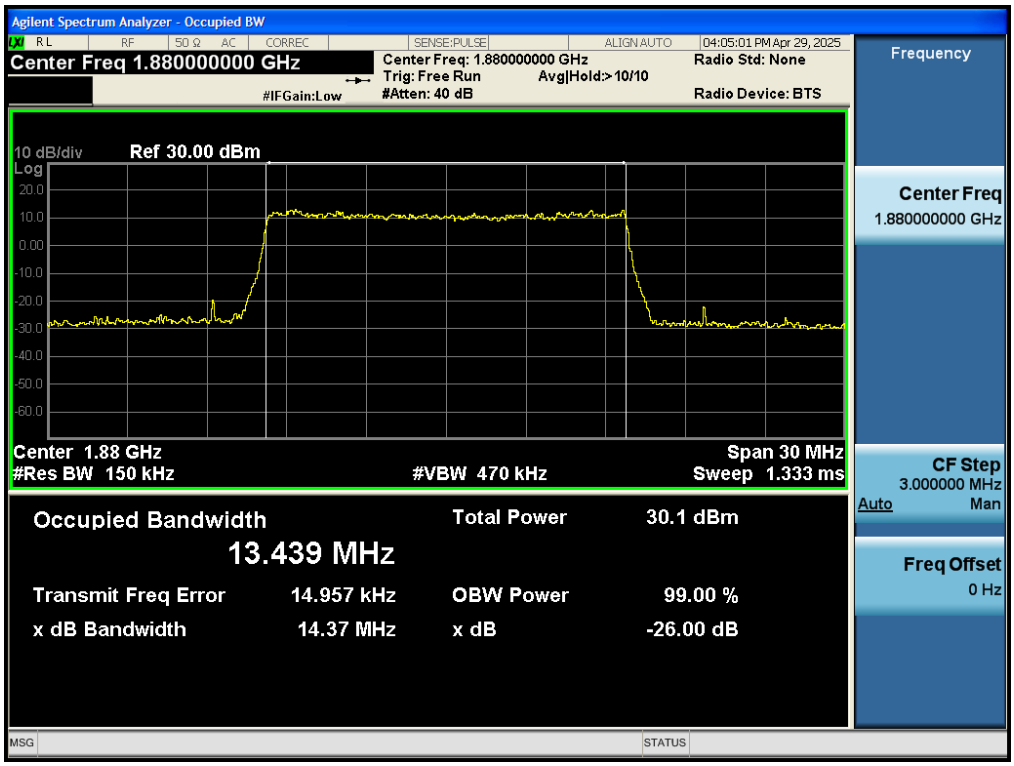
Test_Graph_band2_1905MHz_10M_QPSK_50RB#LOW_OBW&EBW



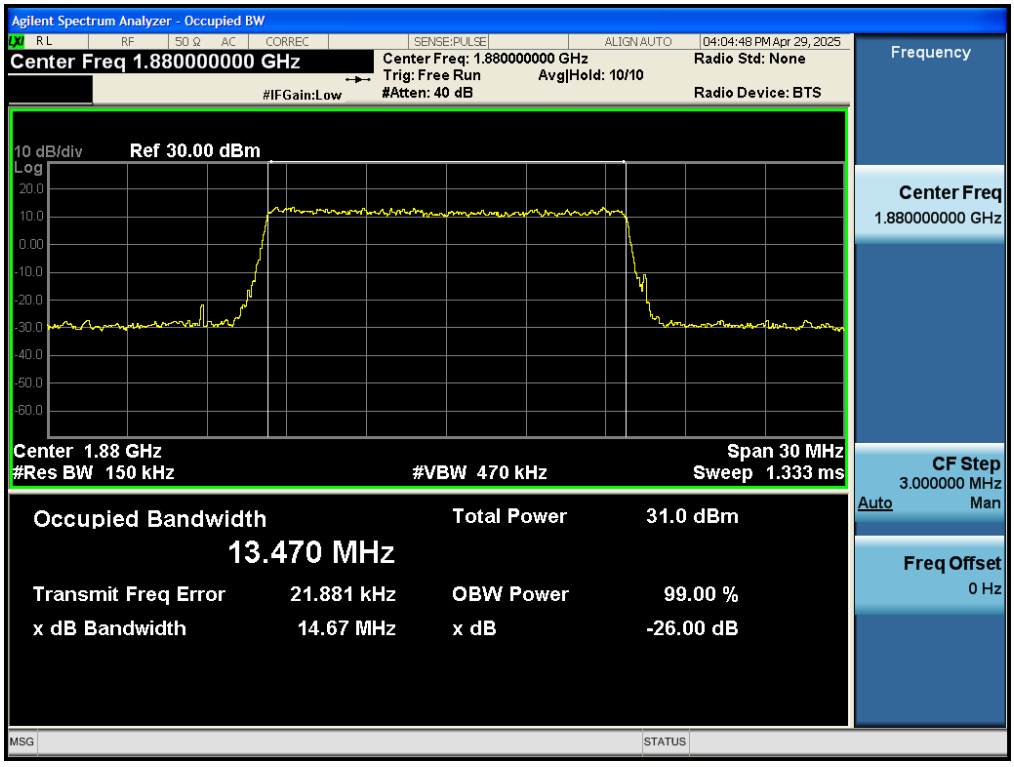
Test_Graph_band2_1857.5MHz_15M_16QAM_75RB#LOW_OBW&EBW



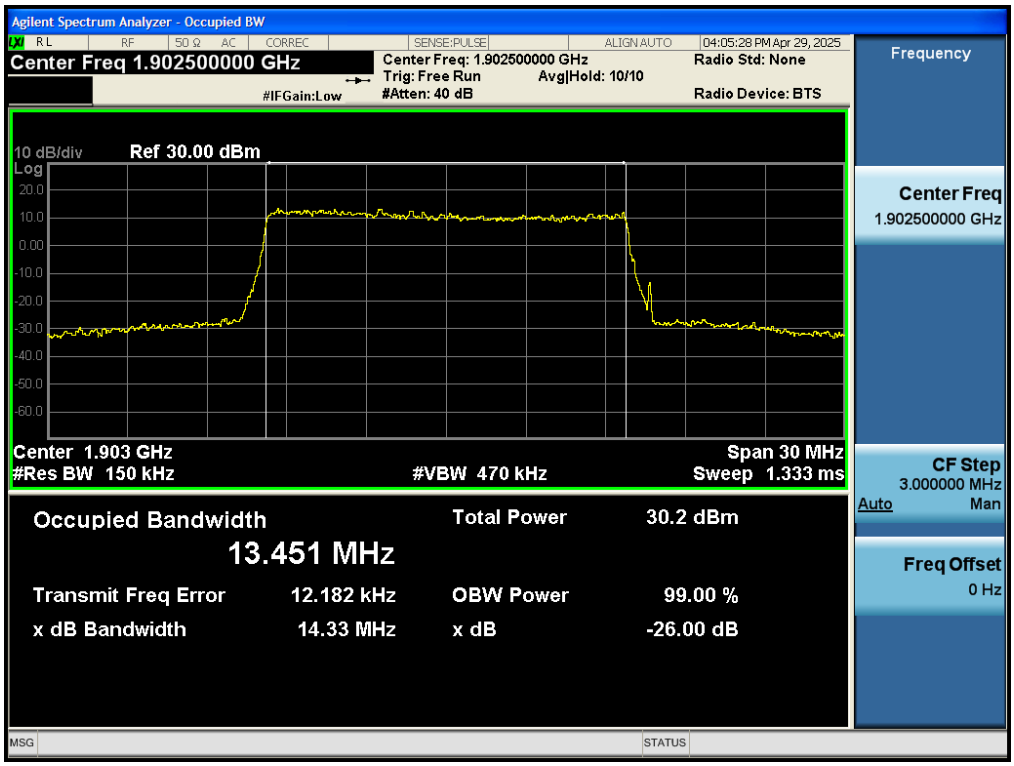
Test_Graph_band2_1857.5MHz_15M_QPSK_75RB#LOW_OBW&EBW



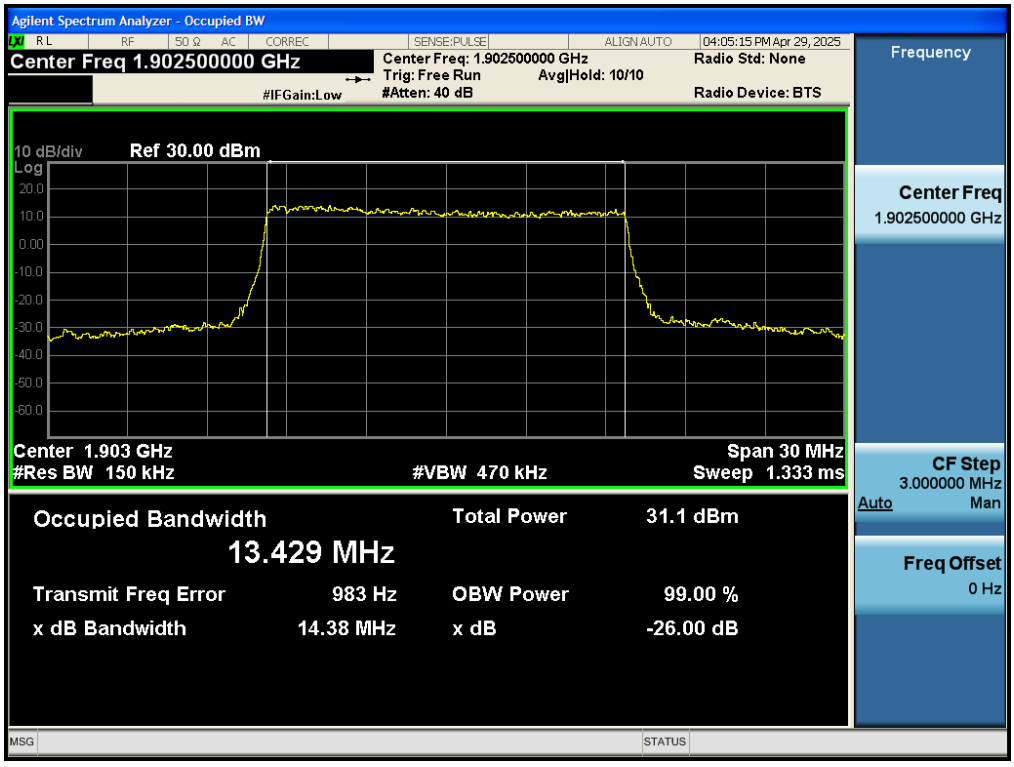
Test_Graph_band2_1880MHz_15M_16QAM_75RB#LOW_OBW&EBW



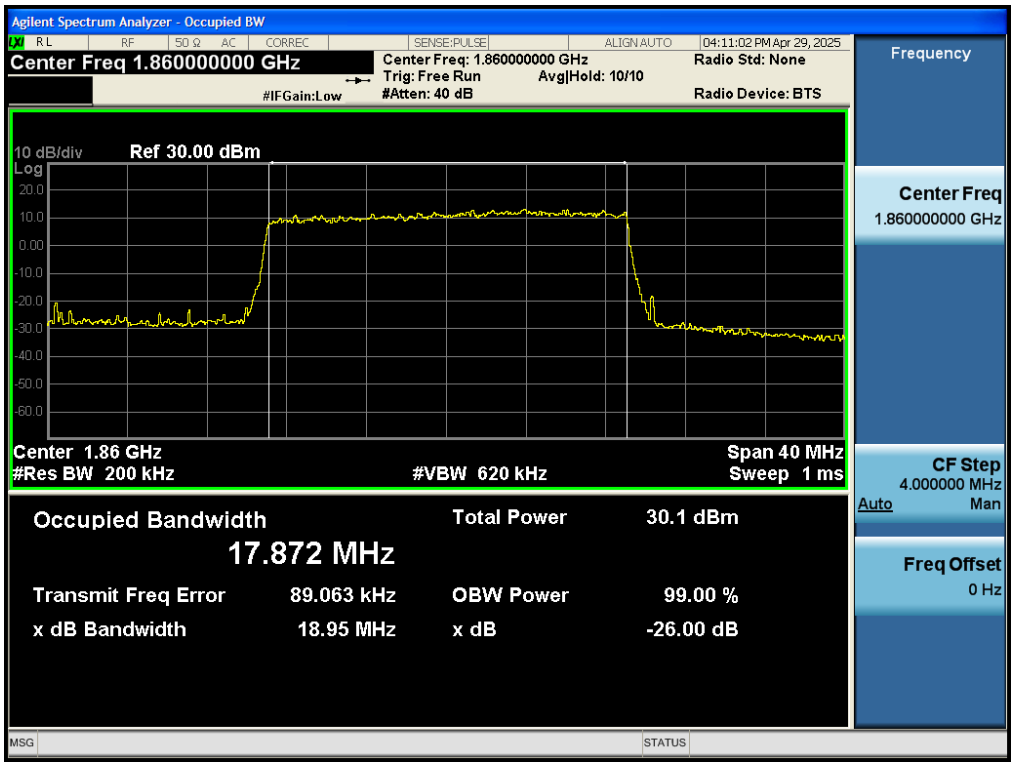
Test_Graph_band2_1880MHz_15M_QPSK_75RB#LOW_OBW&EBW



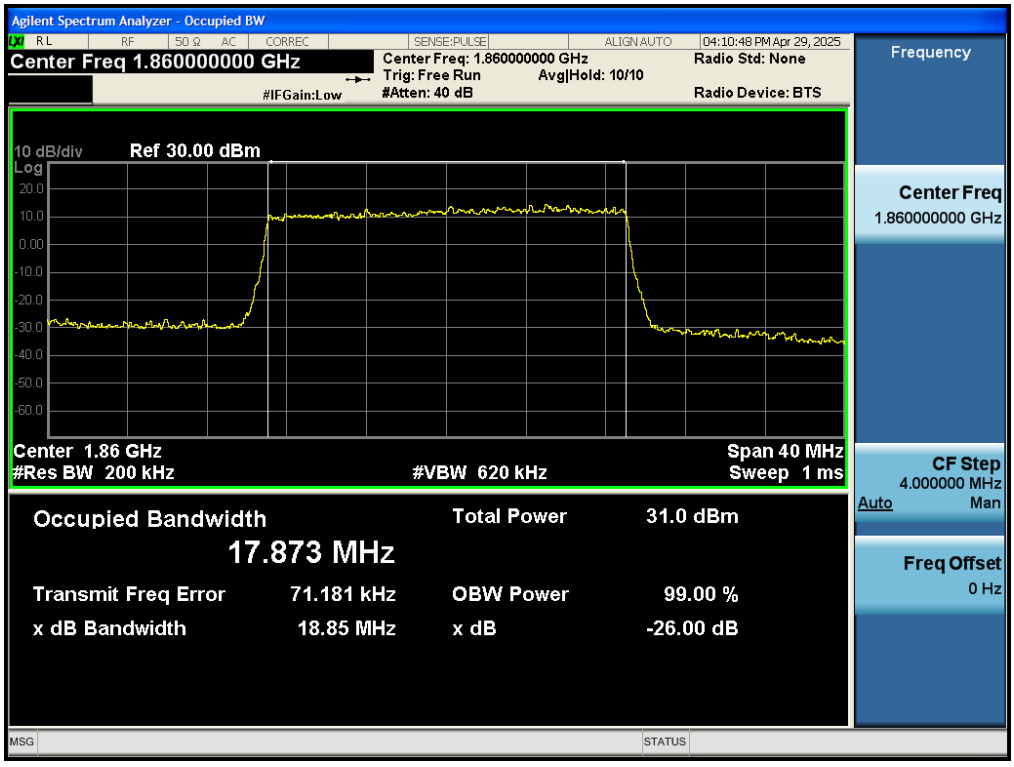
Test_Graph_band2_1902.5MHz_15M_16QAM_75RB#LOW_OBW&EBW



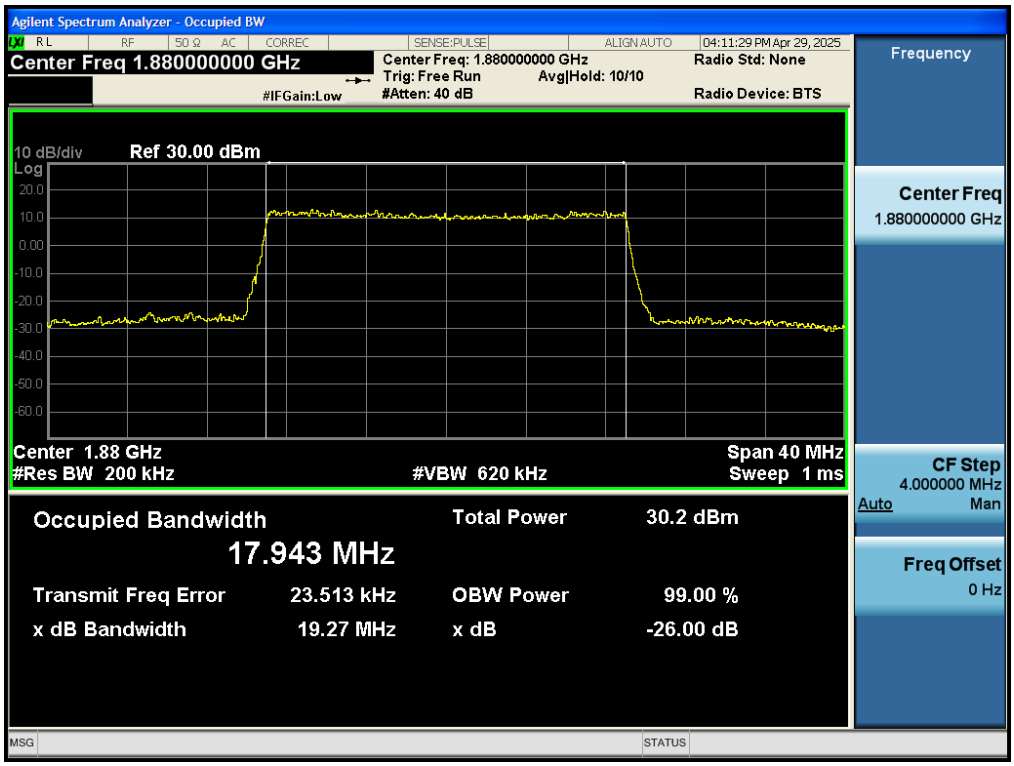
Test_Graph_band2_1902.5MHz_15M_QPSK_75RB#LOW_OBW&EBW



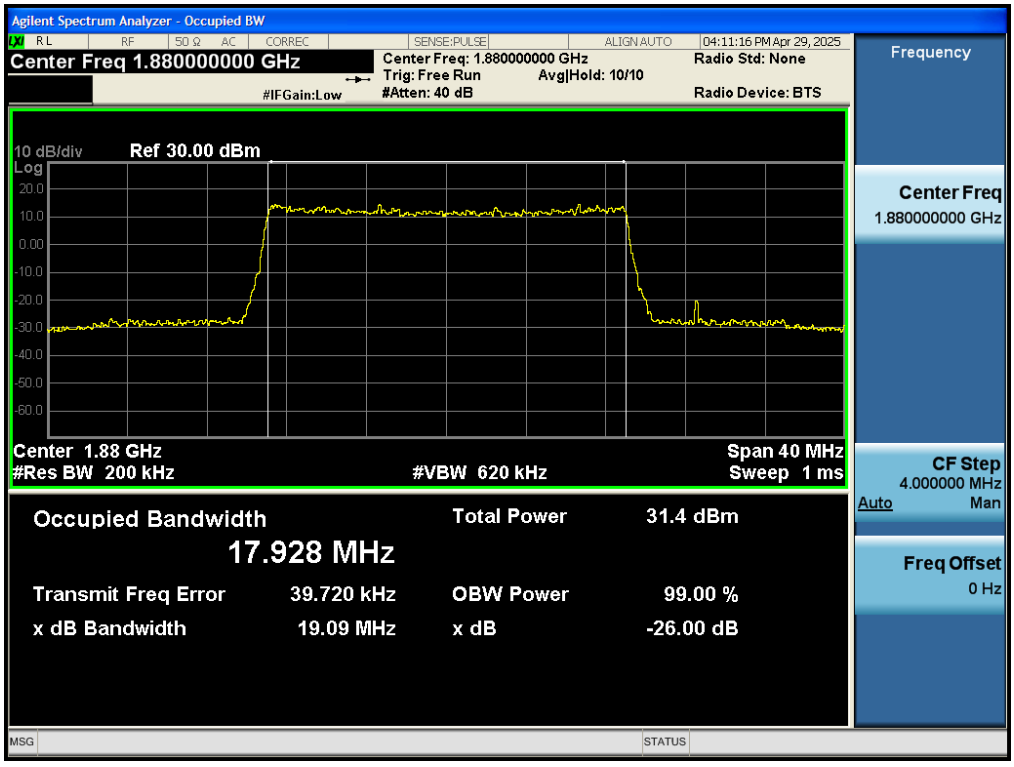
Test_Graph_band2_1860MHz_20M_16QAM_100RB#LOW_OBW&EBW



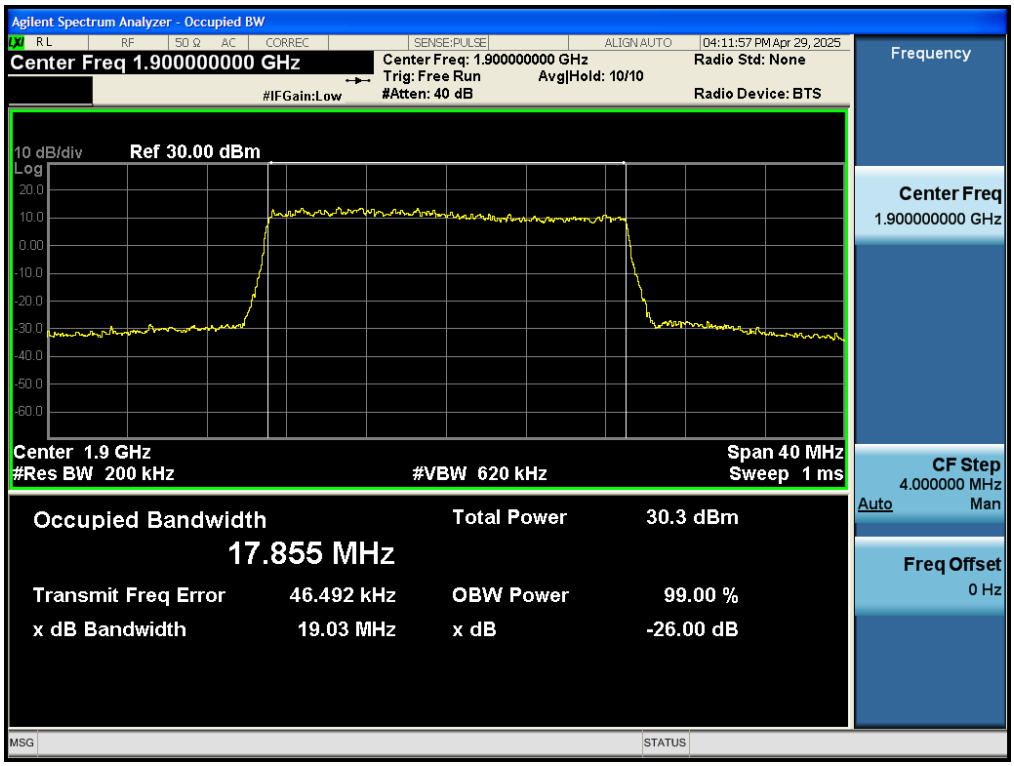
Test_Graph_band2_1860MHz_20M_QPSK_100RB#LOW_OBW&EBW



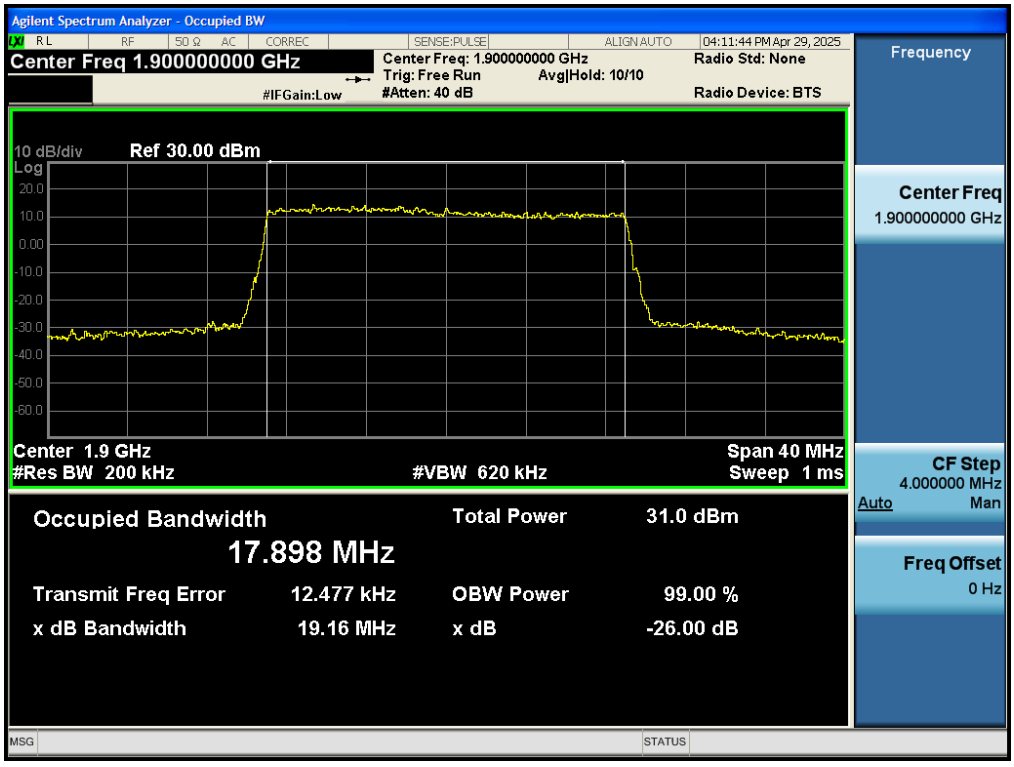
Test_Graph_band2_1880MHz_20M_16QAM_100RB#LOW_OBW&EBW



Test_Graph_band2_1880MHz_20M_QPSK_100RB#LOW_OBW&EBW



Test_Graph_band2_1900MHz_20M_16QAM_100RB#LOW_OBW&EBW



Test_Graph_band2_1900MHz_20M_QPSK_100RB#LOW_OBW&EBW

Appendix C: Band edge emissions

Test Result

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Conclusion
2	1.4	1850.7	QPSK	1	LOW	Pass
2	1.4	1850.7	QPSK	6	LOW	Pass
2	1.4	1850.7	16QAM	1	LOW	Pass
2	1.4	1850.7	16QAM	6	LOW	Pass
2	1.4	1909.3	QPSK	1	HIGH	Pass
2	1.4	1909.3	QPSK	6	LOW	Pass
2	1.4	1909.3	16QAM	1	HIGH	Pass
2	1.4	1909.3	16QAM	6	LOW	Pass
2	3	1851.5	QPSK	1	LOW	Pass
2	3	1851.5	QPSK	15	LOW	Pass
2	3	1851.5	16QAM	1	LOW	Pass
2	3	1851.5	16QAM	15	LOW	Pass
2	3	1908.5	QPSK	1	HIGH	Pass
2	3	1908.5	QPSK	15	LOW	Pass
2	3	1908.5	16QAM	1	HIGH	Pass
2	3	1908.5	16QAM	15	LOW	Pass
2	5	1852.5	QPSK	1	LOW	Pass
2	5	1852.5	QPSK	25	LOW	Pass
2	5	1852.5	16QAM	1	LOW	Pass
2	5	1852.5	16QAM	25	LOW	Pass
2	5	1907.5	QPSK	1	HIGH	Pass
2	5	1907.5	QPSK	25	LOW	Pass
2	5	1907.5	16QAM	1	HIGH	Pass
2	5	1907.5	16QAM	25	LOW	Pass
2	10	1855	QPSK	1	LOW	Pass
2	10	1855	QPSK	50	LOW	Pass
2	10	1855	16QAM	1	LOW	Pass
2	10	1855	16QAM	50	LOW	Pass
2	10	1905	QPSK	1	HIGH	Pass
2	10	1905	QPSK	50	LOW	Pass
2	10	1905	16QAM	1	HIGH	Pass
2	10	1905	16QAM	50	LOW	Pass
2	15	1857.5	QPSK	1	LOW	Pass
2	15	1857.5	QPSK	75	LOW	Pass
2	15	1857.5	16QAM	1	LOW	Pass
2	15	1857.5	16QAM	75	LOW	Pass
2	15	1902.5	QPSK	1	HIGH	Pass

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Conclusion
2	15	1902.5	QPSK	75	LOW	Pass
2	15	1902.5	16QAM	1	HIGH	Pass
2	15	1902.5	16QAM	75	LOW	Pass
2	20	1860	QPSK	1	LOW	Pass
2	20	1860	QPSK	100	LOW	Pass
2	20	1860	16QAM	1	LOW	Pass
2	20	1860	16QAM	100	LOW	Pass
2	20	1900	QPSK	1	HIGH	Pass
2	20	1900	QPSK	100	LOW	Pass
2	20	1900	16QAM	1	HIGH	Pass
2	20	1900	16QAM	100	LOW	Pass

Test Graphs

Test_Graph_band2_1850.7MHz_1.4M_16QAM_1RB#LOW_Band edge

Test_Graph_band2_1850.7MHz_1.4M_16QAM_6RB#LOW_Band edge

Test_Graph_band2_1850.7MHz_1.4M_QPSK_1RB#LOW_Band edge

Test_Graph_band2_1850.7MHz_1.4M_QPSK_6RB#LOW_Band edge

Test_Graph_band2_1909.3MHz_1.4M_16QAM_1RB#HIGH_Band edge

Test_Graph_band2_1909.3MHz_1.4M_16QAM_6RB#LOW_Band edge

Test_Graph_band2_1909.3MHz_1.4M_QPSK_1RB#HIGH_Band edge

Test_Graph_band2_1909.3MHz_1.4M_QPSK_6RB#LOW_Band edge

Test_Graph_band2_1851.5MHz_3M_16QAM_15RB#LOW_Band edge

Test_Graph_band2_1851.5MHz_3M_16QAM_1RB#LOW_Band edge

Test_Graph_band2_1851.5MHz_3M_QPSK_15RB#LOW_Band edge

Test_Graph_band2_1851.5MHz_3M_QPSK_1RB#LOW_Band edge

Test_Graph_band2_1908.5MHz_3M_16QAM_15RB#LOW_Band edge

Test_Graph_band2_1908.5MHz_3M_16QAM_1RB#HIGH_Band edge

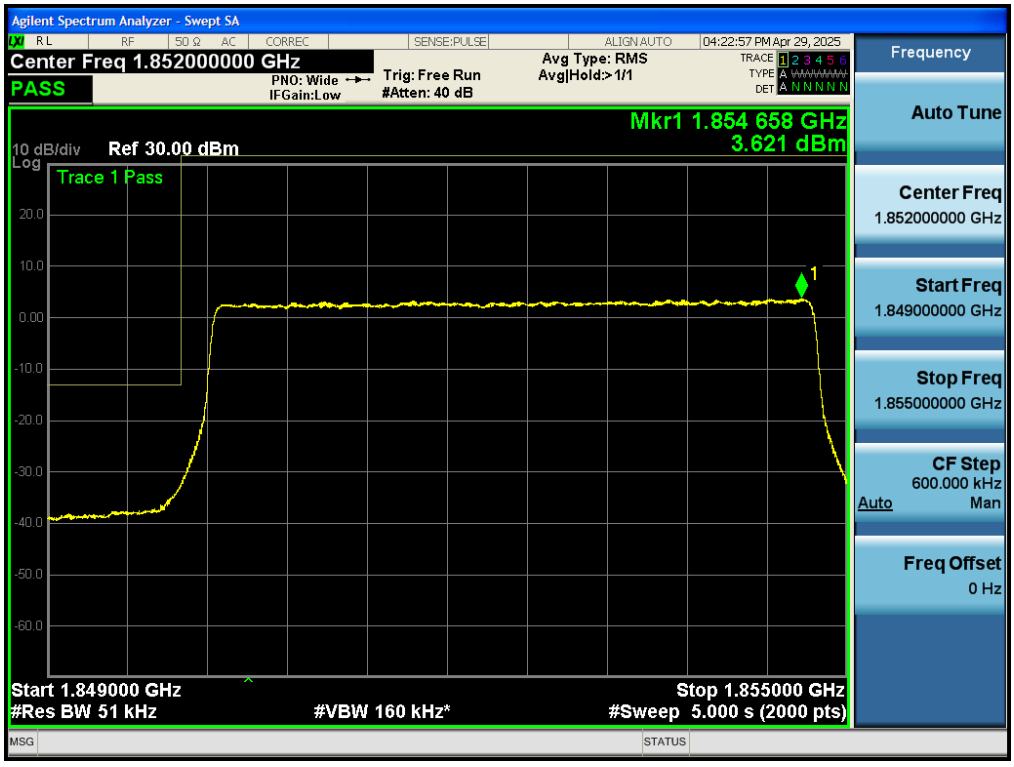
Test_Graph_band2_1908.5MHz_3M_QPSK_15RB#LOW_Band edge

Test_Graph_band2_1908.5MHz_3M_QPSK_1RB#HIGH_Band edge

Test_Graph_band2_1852.5MHz_5M_16QAM_1RB#LOW_Band edge

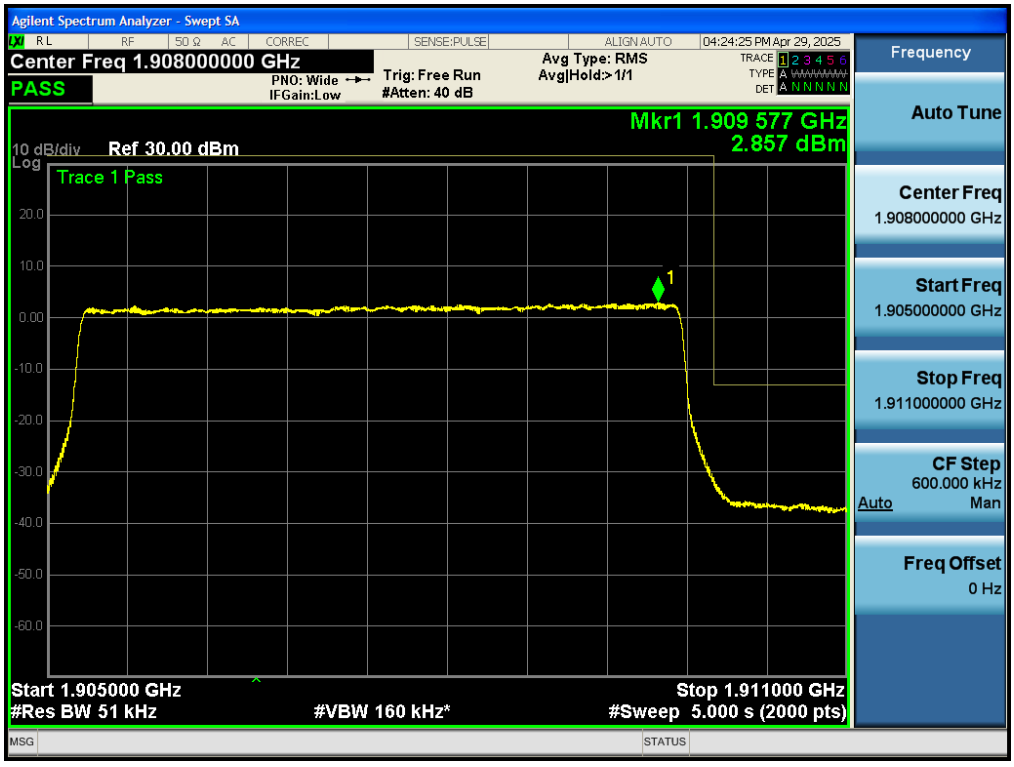
Test_Graph_band2_1852.5MHz_5M_16QAM_25RB#LOW_Band edge

Test_Graph_band2_1852.5MHz_5M_QPSK_1RB#LOW_Band edge



Test_Graph_band2_1852.5MHz_5M_QPSK_25RB#LOW_Band edge

Test_Graph_band2_1907.5MHz_5M_16QAM_1RB#HIGH_Band edge



Test_Graph_band2_1907.5MHz_5M_16QAM_25RB#LOW_Band edge

Test_Graph_band2_1907.5MHz_5M_QPSK_1RB#HIGH_Band edge

Test_Graph_band2_1907.5MHz_5M_QPSK_25RB#LOW_Band edge

Test_Graph_band2_1855MHz_10M_16QAM_1RB#LOW_Band edge

Test_Graph_band2_1855MHz_10M_16QAM_50RB#LOW_Band edge