

Appendix Test Data for LTE band 66(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
66	1.4	1710.7	QPSK	6	LOW	21.51	26.83	5.32	13	1.61	23.12	30	Pass
66	1.4	1710.7	QPSK	3	LOW	22.48	27.71	5.23	13	1.61	24.09	30	Pass
66	1.4	1710.7	QPSK	3	MID	22.48	27.7	5.22	13	1.61	24.09	30	Pass
66	1.4	1710.7	QPSK	3	HIGH	22.47	27.72	5.25	13	1.61	24.08	30	Pass
66	1.4	1710.7	QPSK	1	LOW	22.47	27.35	4.88	13	1.61	24.08	30	Pass
66	1.4	1710.7	QPSK	1	MID	22.54	27.37	4.83	13	1.61	24.15	30	Pass
66	1.4	1710.7	QPSK	1	HIGH	22.44	27.32	4.88	13	1.61	24.05	30	Pass
66	1.4	1710.7	16QAM	6	LOW	20.57	27.77	7.20	13	1.61	22.18	30	Pass
66	1.4	1710.7	16QAM	3	LOW	21.26	27.56	6.30	13	1.61	22.87	30	Pass
66	1.4	1710.7	16QAM	3	MID	21.55	27.63	6.08	13	1.61	23.16	30	Pass
66	1.4	1710.7	16QAM	3	HIGH	21.5	27.57	6.07	13	1.61	23.11	30	Pass
66	1.4	1710.7	16QAM	1	LOW	21.13	26.42	5.29	13	1.61	22.74	30	Pass
66	1.4	1710.7	16QAM	1	MID	21.45	27.06	5.61	13	1.61	23.06	30	Pass
66	1.4	1710.7	16QAM	1	HIGH	21.34	27.06	5.72	13	1.61	22.95	30	Pass
66	1.4	1745	QPSK	6	LOW	21.52	27.1	5.58	13	1.61	23.13	30	Pass
66	1.4	1745	QPSK	3	LOW	22.53	27.48	4.95	13	1.61	24.14	30	Pass
66	1.4	1745	QPSK	3	MID	22.54	27.49	4.95	13	1.61	24.15	30	Pass
66	1.4	1745	QPSK	3	HIGH	22.56	27.52	4.96	13	1.61	24.17	30	Pass
66	1.4	1745	QPSK	1	LOW	22.45	27.34	4.89	13	1.61	24.06	30	Pass
66	1.4	1745	QPSK	1	MID	22.6	27.25	4.65	13	1.61	24.21	30	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
66	1.4	1745	QPSK	1	HIGH	22.47	27.18	4.71	13	1.61	24.08	30	Pass
66	1.4	1745	16QAM	6	LOW	20.54	27.35	6.81	13	1.61	22.15	30	Pass
66	1.4	1745	16QAM	3	LOW	21.25	27.56	6.31	13	1.61	22.86	30	Pass
66	1.4	1745	16QAM	3	MID	21.25	27.55	6.30	13	1.61	22.86	30	Pass
66	1.4	1745	16QAM	3	HIGH	21.2	27.56	6.36	13	1.61	22.81	30	Pass
66	1.4	1745	16QAM	1	LOW	21.34	27.04	5.70	13	1.61	22.95	30	Pass
66	1.4	1745	16QAM	1	MID	21.43	27.05	5.62	13	1.61	23.04	30	Pass
66	1.4	1745	16QAM	1	HIGH	21.17	26.41	5.24	13	1.61	22.78	30	Pass
66	1.4	1779.3	QPSK	6	LOW	21.51	26.84	5.33	13	1.61	23.12	30	Pass
66	1.4	1779.3	QPSK	3	LOW	22.52	27.48	4.96	13	1.61	24.13	30	Pass
66	1.4	1779.3	QPSK	3	MID	22.53	27.48	4.95	13	1.61	24.14	30	Pass
66	1.4	1779.3	QPSK	3	HIGH	22.55	27.51	4.96	13	1.61	24.16	30	Pass
66	1.4	1779.3	QPSK	1	LOW	22.46	27.35	4.89	13	1.61	24.07	30	Pass
66	1.4	1779.3	QPSK	1	MID	22.56	27.38	4.82	13	1.61	24.17	30	Pass
66	1.4	1779.3	QPSK	1	HIGH	22.44	27.32	4.88	13	1.61	24.05	30	Pass
66	1.4	1779.3	16QAM	6	LOW	20.54	27.38	6.84	13	1.61	22.15	30	Pass
66	1.4	1779.3	16QAM	3	LOW	21.25	27.56	6.31	13	1.61	22.86	30	Pass
66	1.4	1779.3	16QAM	3	MID	21.56	27.63	6.07	13	1.61	23.17	30	Pass
66	1.4	1779.3	16QAM	3	HIGH	21.24	27.6	6.36	13	1.61	22.85	30	Pass
66	1.4	1779.3	16QAM	1	LOW	21.14	26.43	5.29	13	1.61	22.75	30	Pass
66	1.4	1779.3	16QAM	1	MID	21.44	27.05	5.61	13	1.61	23.05	30	Pass
66	1.4	1779.3	16QAM	1	HIGH	21.16	26.4	5.24	13	1.61	22.77	30	Pass
66	3	1711.5	QPSK	15	LOW	21.52	27.34	5.82	13	1.61	23.13	30	Pass
66	3	1711.5	QPSK	8	LOW	21.51	27.29	5.78	13	1.61	23.12	30	Pass
66	3	1711.5	QPSK	8	MID	21.53	26.92	5.39	13	1.61	23.14	30	Pass
66	3	1711.5	QPSK	8	HIGH	21.53	27.31	5.78	13	1.61	23.14	30	Pass
66	3	1711.5	QPSK	1	LOW	22.59	27.49	4.90	13	1.61	24.2	30	Pass
66	3	1711.5	QPSK	1	MID	22.55	27.81	5.26	13	1.61	24.16	30	Pass
66	3	1711.5	QPSK	1	HIGH	22.57	27.49	4.92	13	1.61	24.18	30	Pass
66	3	1711.5	16QAM	15	LOW	20.53	27.57	7.04	13	1.61	22.14	30	Pass
66	3	1711.5	16QAM	8	LOW	20.54	27.58	7.04	13	1.61	22.15	30	Pass
66	3	1711.5	16QAM	8	MID	20.56	27.59	7.03	13	1.61	22.17	30	Pass
66	3	1711.5	16QAM	8	HIGH	20.48	26.99	6.51	13	1.61	22.09	30	Pass
66	3	1711.5	16QAM	1	LOW	21.69	27.05	5.36	13	1.61	23.3	30	Pass
66	3	1711.5	16QAM	1	MID	21.7	27.08	5.38	13	1.61	23.31	30	Pass
66	3	1711.5	16QAM	1	HIGH	21.67	27.06	5.39	13	1.61	23.28	30	Pass
66	3	1745	QPSK	15	LOW	21.5	27.27	5.77	13	1.61	23.11	30	Pass
66	3	1745	QPSK	8	LOW	21.52	26.91	5.39	13	1.61	23.13	30	Pass
66	3	1745	QPSK	8	MID	21.52	27.3	5.78	13	1.61	23.13	30	Pass
66	3	1745	QPSK	8	HIGH	21.53	27.31	5.78	13	1.61	23.14	30	Pass
66	3	1745	QPSK	1	LOW	22.57	27.48	4.91	13	1.61	24.18	30	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
66	3	1745	QPSK	1	MID	22.61	27.5	4.89	13	1.61	24.22	30	Pass
66	3	1745	QPSK	1	HIGH	22.53	27.73	5.20	13	1.61	24.14	30	Pass
66	3	1745	16QAM	15	LOW	20.54	27.32	6.78	13	1.61	22.15	30	Pass
66	3	1745	16QAM	8	LOW	20.56	27.59	7.03	13	1.61	22.17	30	Pass
66	3	1745	16QAM	8	MID	20.56	27.59	7.03	13	1.61	22.17	30	Pass
66	3	1745	16QAM	8	HIGH	20.48	27.01	6.53	13	1.61	22.09	30	Pass
66	3	1745	16QAM	1	LOW	21.69	27.05	5.36	13	1.61	23.3	30	Pass
66	3	1745	16QAM	1	MID	21.44	27.72	6.28	13	1.61	23.05	30	Pass
66	3	1745	16QAM	1	HIGH	21.41	27.63	6.22	13	1.61	23.02	30	Pass
66	3	1778.5	QPSK	15	LOW	21.49	27.34	5.85	13	1.61	23.10	30	Pass
66	3	1778.5	QPSK	8	LOW	21.51	27.28	5.77	13	1.61	23.12	30	Pass
66	3	1778.5	QPSK	8	MID	21.52	26.93	5.41	13	1.61	23.13	30	Pass
66	3	1778.5	QPSK	8	HIGH	21.53	27.3	5.77	13	1.61	23.14	30	Pass
66	3	1778.5	QPSK	1	LOW	22.48	27.71	5.23	13	1.61	24.09	30	Pass
66	3	1778.5	QPSK	1	MID	22.6	27.5	4.90	13	1.61	24.21	30	Pass
66	3	1778.5	QPSK	1	HIGH	22.5	27.71	5.21	13	1.61	24.11	30	Pass
66	3	1778.5	16QAM	15	LOW	20.54	27.29	6.75	13	1.61	22.15	30	Pass
66	3	1778.5	16QAM	8	LOW	20.48	26.93	6.45	13	1.61	22.09	30	Pass
66	3	1778.5	16QAM	8	MID	20.55	27.58	7.03	13	1.61	22.16	30	Pass
66	3	1778.5	16QAM	8	HIGH	20.56	27.58	7.02	13	1.61	22.17	30	Pass
66	3	1778.5	16QAM	1	LOW	21.43	27.63	6.20	13	1.61	23.04	30	Pass
66	3	1778.5	16QAM	1	MID	21.68	27.07	5.39	13	1.61	23.29	30	Pass
66	3	1778.5	16QAM	1	HIGH	21.68	27.07	5.39	13	1.61	23.29	30	Pass
66	5	1712.5	QPSK	25	LOW	21.46	27.35	5.89	13	1.61	23.07	30	Pass
66	5	1712.5	QPSK	12	LOW	21.45	27	5.55	13	1.61	23.06	30	Pass
66	5	1712.5	QPSK	12	MID	21.42	27	5.58	13	1.61	23.03	30	Pass
66	5	1712.5	QPSK	12	HIGH	21.48	27.19	5.71	13	1.61	23.09	30	Pass
66	5	1712.5	QPSK	1	LOW	22.4	27.16	4.76	13	1.61	24.01	30	Pass
66	5	1712.5	QPSK	1	MID	22.54	27.28	4.74	13	1.61	24.15	30	Pass
66	5	1712.5	QPSK	1	HIGH	22.42	27.17	4.75	13	1.61	24.03	30	Pass
66	5	1712.5	16QAM	25	LOW	20.5	27.3	6.80	13	1.61	22.11	30	Pass
66	5	1712.5	16QAM	12	LOW	20.42	26.99	6.57	13	1.61	22.03	30	Pass
66	5	1712.5	16QAM	12	MID	20.43	27.03	6.60	13	1.61	22.04	30	Pass
66	5	1712.5	16QAM	12	HIGH	20.45	27.07	6.62	13	1.61	22.06	30	Pass
66	5	1712.5	16QAM	1	LOW	21.5	27.07	5.57	13	1.61	23.11	30	Pass
66	5	1712.5	16QAM	1	MID	21.59	27.18	5.59	13	1.61	23.2	30	Pass
66	5	1712.5	16QAM	1	HIGH	21.49	27.08	5.59	13	1.61	23.10	30	Pass
66	5	1745	QPSK	25	LOW	21.44	27.35	5.91	13	1.61	23.05	30	Pass
66	5	1745	QPSK	12	LOW	21.45	27.03	5.58	13	1.61	23.06	30	Pass
66	5	1745	QPSK	12	MID	21.42	27.07	5.65	13	1.61	23.03	30	Pass
66	5	1745	QPSK	12	HIGH	21.47	27.19	5.72	13	1.61	23.08	30	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
66	5	1745	QPSK	1	LOW	22.52	27.24	4.72	13	1.61	24.13	30	Pass
66	5	1745	QPSK	1	MID	22.56	27.27	4.71	13	1.61	24.17	30	Pass
66	5	1745	QPSK	1	HIGH	22.39	27.15	4.76	13	1.61	24	30	Pass
66	5	1745	16QAM	25	LOW	20.51	27.27	6.76	13	1.61	22.12	30	Pass
66	5	1745	16QAM	12	LOW	20.41	26.98	6.57	13	1.61	22.02	30	Pass
66	5	1745	16QAM	12	MID	20.42	27.06	6.64	13	1.61	22.03	30	Pass
66	5	1745	16QAM	12	HIGH	20.44	27.15	6.71	13	1.61	22.05	30	Pass
66	5	1745	16QAM	1	LOW	21.46	27.08	5.62	13	1.61	23.07	30	Pass
66	5	1745	16QAM	1	MID	21.61	27.2	5.59	13	1.61	23.22	30	Pass
66	5	1745	16QAM	1	HIGH	21.48	27.07	5.59	13	1.61	23.09	30	Pass
66	5	1777.5	QPSK	25	LOW	21.45	27.37	5.92	13	1.61	23.06	30	Pass
66	5	1777.5	QPSK	12	LOW	21.43	27.09	5.66	13	1.61	23.04	30	Pass
66	5	1777.5	QPSK	12	MID	21.45	27.05	5.60	13	1.61	23.06	30	Pass
66	5	1777.5	QPSK	12	HIGH	21.47	27.05	5.58	13	1.61	23.08	30	Pass
66	5	1777.5	QPSK	1	LOW	22.41	27.15	4.74	13	1.61	24.02	30	Pass
66	5	1777.5	QPSK	1	MID	22.54	27.26	4.72	13	1.61	24.15	30	Pass
66	5	1777.5	QPSK	1	HIGH	22.39	27.15	4.76	13	1.61	24	30	Pass
66	5	1777.5	16QAM	25	LOW	20.52	27.2	6.68	13	1.61	22.13	30	Pass
66	5	1777.5	16QAM	12	LOW	20.44	27.05	6.61	13	1.61	22.05	30	Pass
66	5	1777.5	16QAM	12	MID	20.42	26.99	6.57	13	1.61	22.03	30	Pass
66	5	1777.5	16QAM	12	HIGH	20.47	27.03	6.56	13	1.61	22.08	30	Pass
66	5	1777.5	16QAM	1	LOW	21.43	27.06	5.63	13	1.61	23.04	30	Pass
66	5	1777.5	16QAM	1	MID	21.6	27.19	5.59	13	1.61	23.21	30	Pass
66	5	1777.5	16QAM	1	HIGH	21.43	27.08	5.65	13	1.61	23.04	30	Pass
66	10	1715	QPSK	50	LOW	21.49	27.48	5.99	13	1.61	23.10	30	Pass
66	10	1715	QPSK	25	LOW	21.43	27.2	5.77	13	1.61	23.04	30	Pass
66	10	1715	QPSK	25	MID	21.46	27.22	5.76	13	1.61	23.07	30	Pass
66	10	1715	QPSK	25	HIGH	21.5	27.32	5.82	13	1.61	23.11	30	Pass
66	10	1715	QPSK	1	LOW	22.56	27.76	5.20	13	1.61	24.17	30	Pass
66	10	1715	QPSK	1	MID	22.8	27.75	4.95	13	1.61	24.41	30	Pass
66	10	1715	QPSK	1	HIGH	22.58	27.73	5.15	13	1.61	24.19	30	Pass
66	10	1715	16QAM	50	LOW	20.52	27.87	7.35	13	1.61	22.13	30	Pass
66	10	1715	16QAM	25	LOW	20.47	27.72	7.25	13	1.61	22.08	30	Pass
66	10	1715	16QAM	25	MID	20.5	27.74	7.24	13	1.61	22.11	30	Pass
66	10	1715	16QAM	25	HIGH	20.53	27.83	7.30	13	1.61	22.14	30	Pass
66	10	1715	16QAM	1	LOW	21.54	27.5	5.96	13	1.61	23.15	30	Pass
66	10	1715	16QAM	1	MID	21.87	27.41	5.54	13	1.61	23.48	30	Pass
66	10	1715	16QAM	1	HIGH	21.5	27.44	5.94	13	1.61	23.11	30	Pass
66	10	1745	QPSK	50	LOW	21.49	27.56	6.07	13	1.61	23.10	30	Pass
66	10	1745	QPSK	25	LOW	21.44	27.18	5.74	13	1.61	23.05	30	Pass
66	10	1745	QPSK	25	MID	21.47	27.2	5.73	13	1.61	23.08	30	Pass

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66	10	1745	QPSK	25	HIGH	21.49	27.28	5.79	13	1.61	23.10	30	Pass
66	10	1745	QPSK	1	LOW	22.57	27.71	5.14	13	1.61	24.18	30	Pass
66	10	1745	QPSK	1	MID	22.79	27.75	4.96	13	1.61	24.4	30	Pass
66	10	1745	QPSK	1	HIGH	22.56	27.67	5.11	13	1.61	24.17	30	Pass
66	10	1745	16QAM	50	LOW	20.51	27.88	7.37	13	1.61	22.12	30	Pass
66	10	1745	16QAM	25	LOW	20.49	27.71	7.22	13	1.61	22.10	30	Pass
66	10	1745	16QAM	25	MID	20.48	27.69	7.21	13	1.61	22.09	30	Pass
66	10	1745	16QAM	25	HIGH	20.5	27.8	7.30	13	1.61	22.11	30	Pass
66	10	1745	16QAM	1	LOW	21.58	27.37	5.79	13	1.61	23.19	30	Pass
66	10	1745	16QAM	1	MID	21.84	27.39	5.55	13	1.61	23.45	30	Pass
66	10	1745	16QAM	1	HIGH	21.49	27.27	5.78	13	1.61	23.10	30	Pass
66	10	1775	QPSK	50	LOW	21.47	27.45	5.98	13	1.61	23.08	30	Pass
66	10	1775	QPSK	25	LOW	21.44	27.2	5.76	13	1.61	23.05	30	Pass
66	10	1775	QPSK	25	MID	21.46	27.22	5.76	13	1.61	23.07	30	Pass
66	10	1775	QPSK	25	HIGH	21.49	27.32	5.83	13	1.61	23.10	30	Pass
66	10	1775	QPSK	1	LOW	22.56	27.69	5.13	13	1.61	24.17	30	Pass
66	10	1775	QPSK	1	MID	22.79	27.84	5.05	13	1.61	24.4	30	Pass
66	10	1775	QPSK	1	HIGH	22.49	27.67	5.18	13	1.61	24.10	30	Pass
66	10	1775	16QAM	50	LOW	20.51	27.82	7.31	13	1.61	22.12	30	Pass
66	10	1775	16QAM	25	LOW	20.46	27.77	7.31	13	1.61	22.07	30	Pass
66	10	1775	16QAM	25	MID	20.5	27.79	7.29	13	1.61	22.11	30	Pass
66	10	1775	16QAM	25	HIGH	20.52	27.81	7.29	13	1.61	22.13	30	Pass
66	10	1775	16QAM	1	LOW	21.59	27.38	5.79	13	1.61	23.2	30	Pass
66	10	1775	16QAM	1	MID	21.72	27.6	5.88	13	1.61	23.33	30	Pass
66	10	1775	16QAM	1	HIGH	21.52	27.3	5.78	13	1.61	23.13	30	Pass
66	15	1717.5	QPSK	75	LOW	21.53	27.76	6.23	13	1.61	23.14	30	Pass
66	15	1717.5	QPSK	38	LOW	21.54	27.77	6.23	13	1.61	23.15	30	Pass
66	15	1717.5	QPSK	38	MID	21.54	27.73	6.19	13	1.61	23.15	30	Pass
66	15	1717.5	QPSK	38	HIGH	21.56	27.77	6.21	13	1.61	23.17	30	Pass
66	15	1717.5	QPSK	1	LOW	22.51	27.64	5.13	13	1.61	24.12	30	Pass
66	15	1717.5	QPSK	1	MID	22.56	27.65	5.09	13	1.61	24.17	30	Pass
66	15	1717.5	QPSK	1	HIGH	22.46	27.68	5.22	13	1.61	24.07	30	Pass
66	15	1717.5	16QAM	75	LOW	20.56	27.97	7.41	13	1.61	22.17	30	Pass
66	15	1717.5	16QAM	38	LOW	20.53	27.96	7.43	13	1.61	22.14	30	Pass
66	15	1717.5	16QAM	38	MID	20.54	28.02	7.48	13	1.61	22.15	30	Pass
66	15	1717.5	16QAM	38	HIGH	20.57	28	7.43	13	1.61	22.18	30	Pass
66	15	1717.5	16QAM	1	LOW	21.47	27.55	6.08	13	1.61	23.08	30	Pass
66	15	1717.5	16QAM	1	MID	21.58	27.49	5.91	13	1.61	23.19	30	Pass
66	15	1717.5	16QAM	1	HIGH	21.48	27.52	6.04	13	1.61	23.09	30	Pass
66	15	1745	QPSK	75	LOW	21.54	27.84	6.30	13	1.61	23.15	30	Pass
66	15	1745	QPSK	38	LOW	21.56	27.78	6.22	13	1.61	23.17	30	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
66	15	1745	QPSK	38	MID	21.54	27.78	6.24	13	1.61	23.15	30	Pass
66	15	1745	QPSK	38	HIGH	21.55	27.79	6.24	13	1.61	23.16	30	Pass
66	15	1745	QPSK	1	LOW	22.47	27.74	5.27	13	1.61	24.08	30	Pass
66	15	1745	QPSK	1	MID	22.55	27.64	5.09	13	1.61	24.16	30	Pass
66	15	1745	QPSK	1	HIGH	22.44	27.67	5.23	13	1.61	24.05	30	Pass
66	15	1745	16QAM	75	LOW	20.55	27.82	7.27	13	1.61	22.16	30	Pass
66	15	1745	16QAM	38	LOW	20.54	27.88	7.34	13	1.61	22.15	30	Pass
66	15	1745	16QAM	38	MID	20.55	27.95	7.40	13	1.61	22.16	30	Pass
66	15	1745	16QAM	38	HIGH	20.57	27.95	7.38	13	1.61	22.18	30	Pass
66	15	1745	16QAM	1	LOW	21.6	27.32	5.72	13	1.61	23.21	30	Pass
66	15	1745	16QAM	1	MID	21.64	27.38	5.74	13	1.61	23.25	30	Pass
66	15	1745	16QAM	1	HIGH	21.59	27.29	5.70	13	1.61	23.2	30	Pass
66	15	1772.5	QPSK	75	LOW	21.57	27.82	6.25	13	1.61	23.18	30	Pass
66	15	1772.5	QPSK	38	LOW	21.53	27.78	6.25	13	1.61	23.14	30	Pass
66	15	1772.5	QPSK	38	MID	21.56	27.78	6.22	13	1.61	23.17	30	Pass
66	15	1772.5	QPSK	38	HIGH	21.52	27.78	6.26	13	1.61	23.13	30	Pass
66	15	1772.5	QPSK	1	LOW	22.46	27.72	5.26	13	1.61	24.07	30	Pass
66	15	1772.5	QPSK	1	MID	22.57	27.71	5.14	13	1.61	24.18	30	Pass
66	15	1772.5	QPSK	1	HIGH	22.49	27.58	5.09	13	1.61	24.10	30	Pass
66	15	1772.5	16QAM	75	LOW	20.55	28.03	7.48	13	1.61	22.16	30	Pass
66	15	1772.5	16QAM	38	LOW	20.56	27.92	7.36	13	1.61	22.17	30	Pass
66	15	1772.5	16QAM	38	MID	20.56	28.01	7.45	13	1.61	22.17	30	Pass
66	15	1772.5	16QAM	38	HIGH	20.53	27.95	7.42	13	1.61	22.14	30	Pass
66	15	1772.5	16QAM	1	LOW	21.6	27.32	5.72	13	1.61	23.21	30	Pass
66	15	1772.5	16QAM	1	MID	21.67	27.4	5.73	13	1.61	23.28	30	Pass
66	15	1772.5	16QAM	1	HIGH	21.51	27.54	6.03	13	1.61	23.12	30	Pass
66	20	1720	QPSK	100	LOW	21.48	27.82	6.34	13	1.61	23.09	30	Pass
66	20	1720	QPSK	50	LOW	21.45	27.47	6.02	13	1.61	23.06	30	Pass
66	20	1720	QPSK	50	MID	21.44	27.43	5.99	13	1.61	23.05	30	Pass
66	20	1720	QPSK	50	HIGH	21.49	27.51	6.02	13	1.61	23.10	30	Pass
66	20	1720	QPSK	1	LOW	22.33	26.87	4.54	13	1.61	23.94	30	Pass
66	20	1720	QPSK	1	MID	22.76	27.15	4.39	13	1.61	24.37	30	Pass
66	20	1720	QPSK	1	HIGH	22.3	26.9	4.60	13	1.61	23.91	30	Pass
66	20	1720	16QAM	100	LOW	20.51	27.79	7.28	13	1.61	22.12	30	Pass
66	20	1720	16QAM	50	LOW	20.47	27.42	6.95	13	1.61	22.08	30	Pass
66	20	1720	16QAM	50	MID	20.45	27.46	7.01	13	1.61	22.06	30	Pass
66	20	1720	16QAM	50	HIGH	20.54	27.52	6.98	13	1.61	22.15	30	Pass
66	20	1720	16QAM	1	LOW	21.48	26.41	4.93	13	1.61	23.09	30	Pass
66	20	1720	16QAM	1	MID	21.91	26.74	4.83	13	1.61	23.52	30	Pass
66	20	1720	16QAM	1	HIGH	21.54	26.45	4.91	13	1.61	23.15	30	Pass
66	20	1745	QPSK	100	LOW	21.48	27.74	6.26	13	1.61	23.09	30	Pass

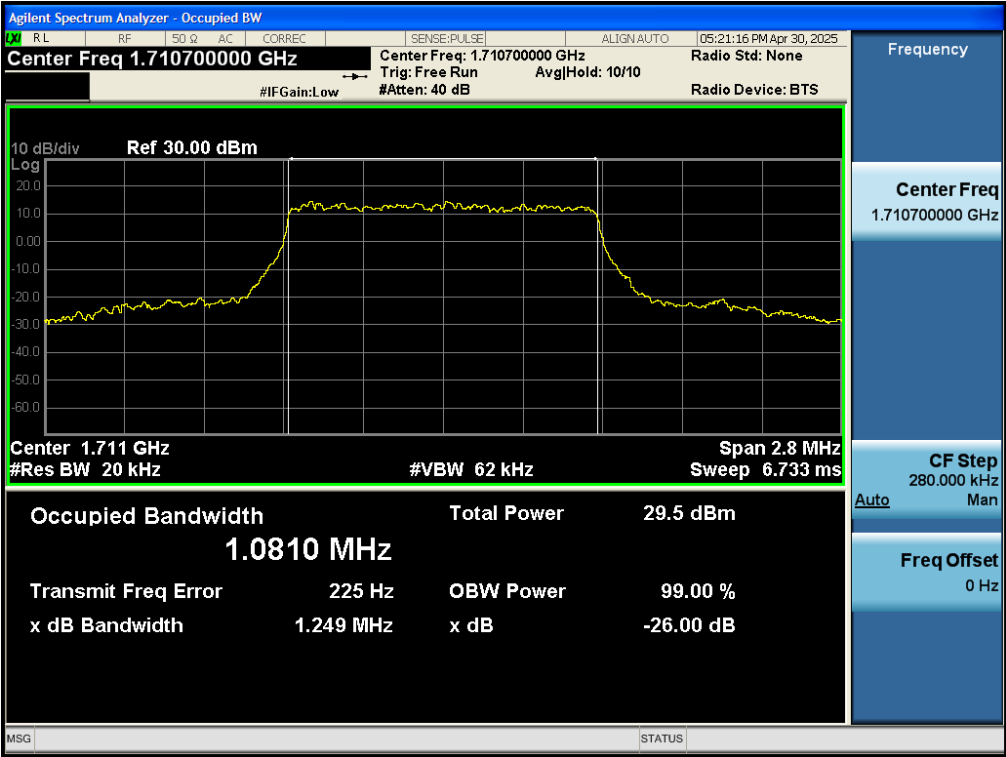
Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)	Peak Power (dBm)	PAR (dB)	Limit (dB)	AntGain (dBi)	EIRP (dBm)	Limit (dBm)	Conclusion
66	20	1745	QPSK	50	LOW	21.45	27.69	6.24	13	1.61	23.06	30	Pass
66	20	1745	QPSK	50	MID	21.47	27.46	5.99	13	1.61	23.08	30	Pass
66	20	1745	QPSK	50	HIGH	21.49	27.58	6.09	13	1.61	23.10	30	Pass
66	20	1745	QPSK	1	LOW	22.37	26.86	4.49	13	1.61	23.98	30	Pass
66	20	1745	QPSK	1	MID	22.77	27.16	4.39	13	1.61	24.38	30	Pass
66	20	1745	QPSK	1	HIGH	22.37	26.91	4.54	13	1.61	23.98	30	Pass
66	20	1745	16QAM	100	LOW	20.55	27.79	7.24	13	1.61	22.16	30	Pass
66	20	1745	16QAM	50	LOW	20.45	27.48	7.03	13	1.61	22.06	30	Pass
66	20	1745	16QAM	50	MID	20.44	27.45	7.01	13	1.61	22.05	30	Pass
66	20	1745	16QAM	50	HIGH	20.54	27.56	7.02	13	1.61	22.15	30	Pass
66	20	1745	16QAM	1	LOW	21.46	26.39	4.93	13	1.61	23.07	30	Pass
66	20	1745	16QAM	1	MID	21.95	26.72	4.77	13	1.61	23.56	30	Pass
66	20	1745	16QAM	1	HIGH	21.52	26.45	4.93	13	1.61	23.13	30	Pass
66	20	1770	QPSK	100	LOW	21.48	27.76	6.28	13	1.61	23.09	30	Pass
66	20	1770	QPSK	50	LOW	21.43	27.44	6.01	13	1.61	23.04	30	Pass
66	20	1770	QPSK	50	MID	21.43	27.43	6	13	1.61	23.04	30	Pass
66	20	1770	QPSK	50	HIGH	21.49	27.73	6.24	13	1.61	23.10	30	Pass
66	20	1770	QPSK	1	LOW	22.35	26.89	4.54	13	1.61	23.96	30	Pass
66	20	1770	QPSK	1	MID	22.77	27.17	4.40	13	1.61	24.38	30	Pass
66	20	1770	QPSK	1	HIGH	22.36	26.91	4.55	13	1.61	23.97	30	Pass
66	20	1770	16QAM	100	LOW	20.53	27.75	7.22	13	1.61	22.14	30	Pass
66	20	1770	16QAM	50	LOW	20.45	27.41	6.96	13	1.61	22.06	30	Pass
66	20	1770	16QAM	50	MID	20.43	27.43	7	13	1.61	22.04	30	Pass
66	20	1770	16QAM	50	HIGH	20.53	27.58	7.05	13	1.61	22.14	30	Pass
66	20	1770	16QAM	1	LOW	21.47	26.4	4.93	13	1.61	23.08	30	Pass
66	20	1770	16QAM	1	MID	21.93	26.71	4.78	13	1.61	23.54	30	Pass
66	20	1770	16QAM	1	HIGH	21.56	26.47	4.91	13	1.61	23.17	30	Pass

Appendix B: Occupied bandwidth

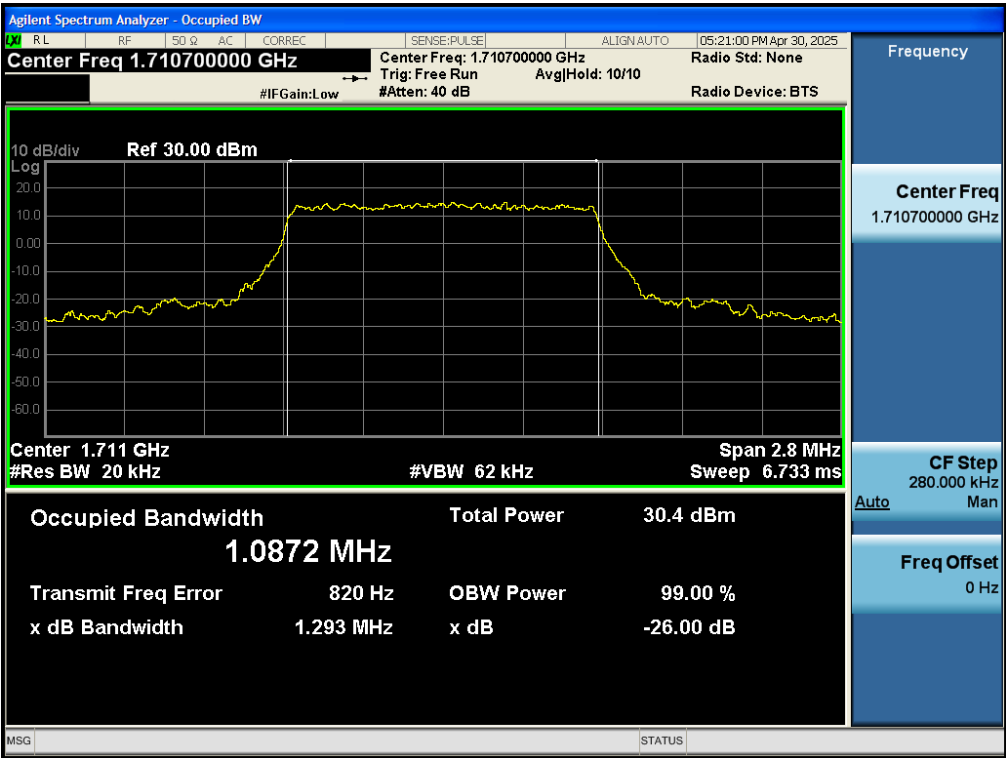
Test Result

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Occupied Bandwidth (MHz)	Emission Bandwidth (MHz)	Limit
66	1.4	1710.7	QPSK	6	LOW	1.087	1.293	No limit
66	1.4	1710.7	16QAM	6	LOW	1.081	1.249	No limit
66	1.4	1745	QPSK	6	LOW	1.086	1.266	No limit
66	1.4	1745	16QAM	6	LOW	1.087	1.282	No limit
66	1.4	1779.3	QPSK	6	LOW	1.085	1.252	No limit
66	1.4	1779.3	16QAM	6	LOW	1.088	1.29	No limit
66	3	1711.5	QPSK	15	LOW	2.679	2.868	No limit
66	3	1711.5	16QAM	15	LOW	2.676	2.873	No limit
66	3	1745	QPSK	15	LOW	2.68	2.879	No limit
66	3	1745	16QAM	15	LOW	2.681	2.859	No limit
66	3	1778.5	QPSK	15	LOW	2.681	2.877	No limit
66	3	1778.5	16QAM	15	LOW	2.676	2.864	No limit
66	5	1712.5	QPSK	25	LOW	4.495	5.017	No limit
66	5	1712.5	16QAM	25	LOW	4.492	5.092	No limit
66	5	1745	QPSK	25	LOW	4.479	5.027	No limit
66	5	1745	16QAM	25	LOW	4.486	5.05	No limit
66	5	1777.5	QPSK	25	LOW	4.487	5.049	No limit
66	5	1777.5	16QAM	25	LOW	4.479	5.013	No limit
66	10	1715	QPSK	50	LOW	8.977	9.958	No limit
66	10	1715	16QAM	50	LOW	8.966	9.781	No limit
66	10	1745	QPSK	50	LOW	8.967	9.846	No limit
66	10	1745	16QAM	50	LOW	8.966	9.836	No limit
66	10	1775	QPSK	50	LOW	8.963	10.72	No limit
66	10	1775	16QAM	50	LOW	8.968	10.412	No limit
66	15	1717.5	QPSK	75	LOW	13.453	14.843	No limit
66	15	1717.5	16QAM	75	LOW	13.437	14.783	No limit
66	15	1745	QPSK	75	LOW	13.416	14.872	No limit
66	15	1745	16QAM	75	LOW	13.432	14.752	No limit
66	15	1772.5	QPSK	75	LOW	13.452	14.628	No limit
66	15	1772.5	16QAM	75	LOW	13.437	14.693	No limit
66	20	1720	QPSK	100	LOW	17.911	19.275	No limit
66	20	1720	16QAM	100	LOW	17.936	19.474	No limit
66	20	1745	QPSK	100	LOW	17.899	19.331	No limit
66	20	1745	16QAM	100	LOW	17.9	19.493	No limit
66	20	1770	QPSK	100	LOW	17.925	19.558	No limit
66	20	1770	16QAM	100	LOW	17.874	19.354	No limit

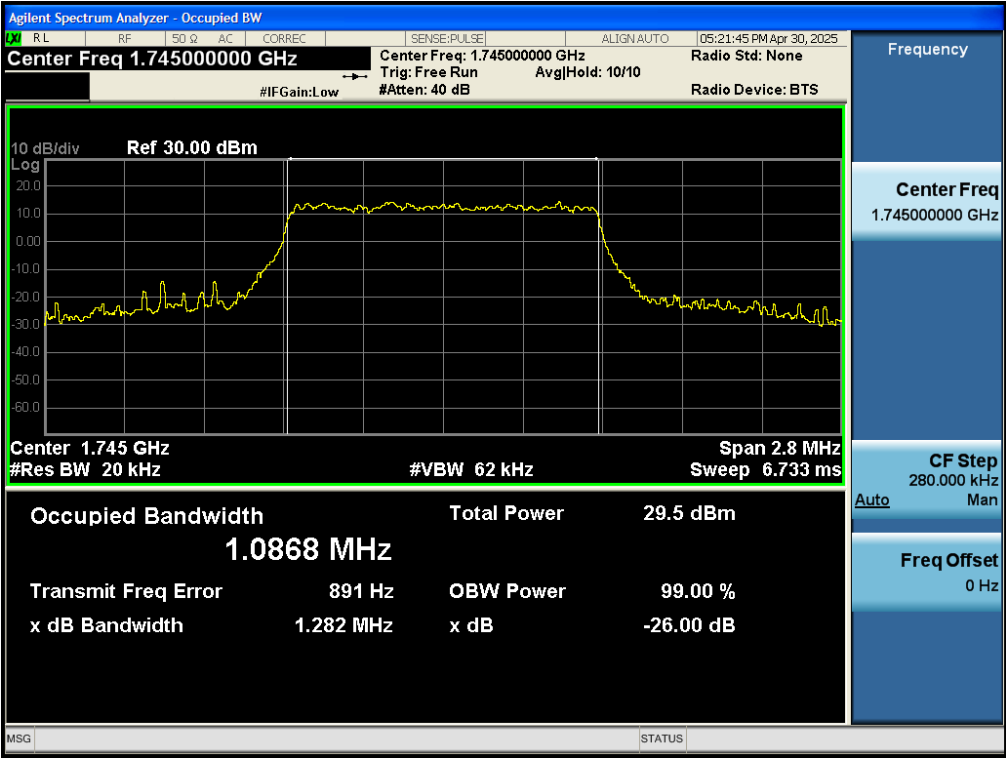
Test Graphs



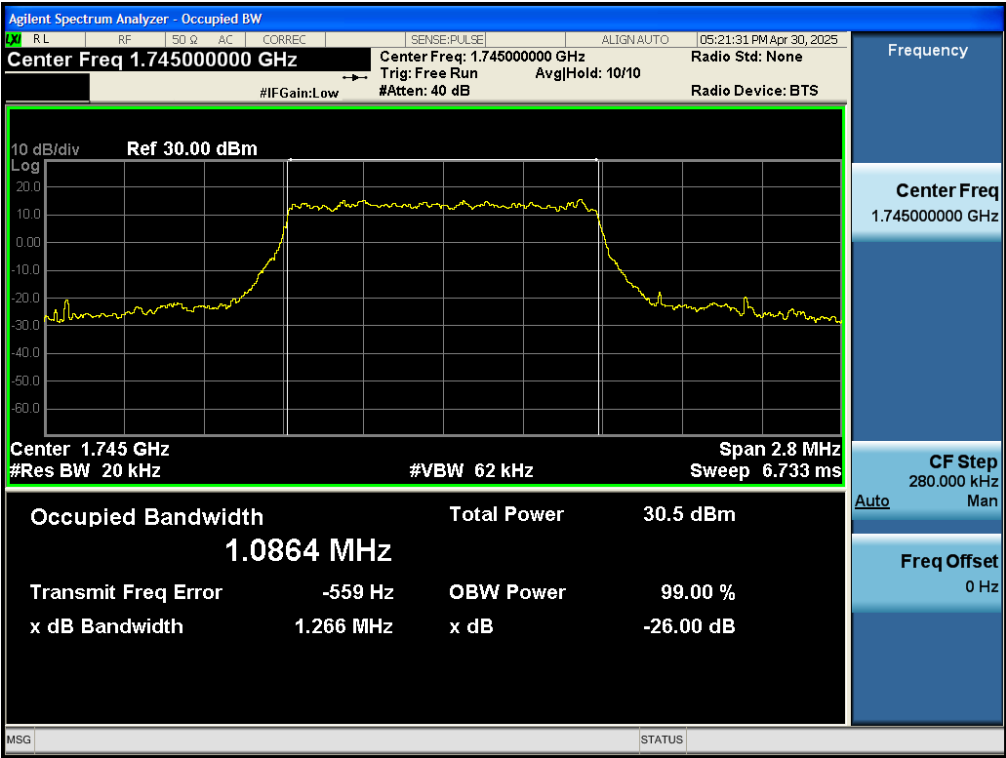
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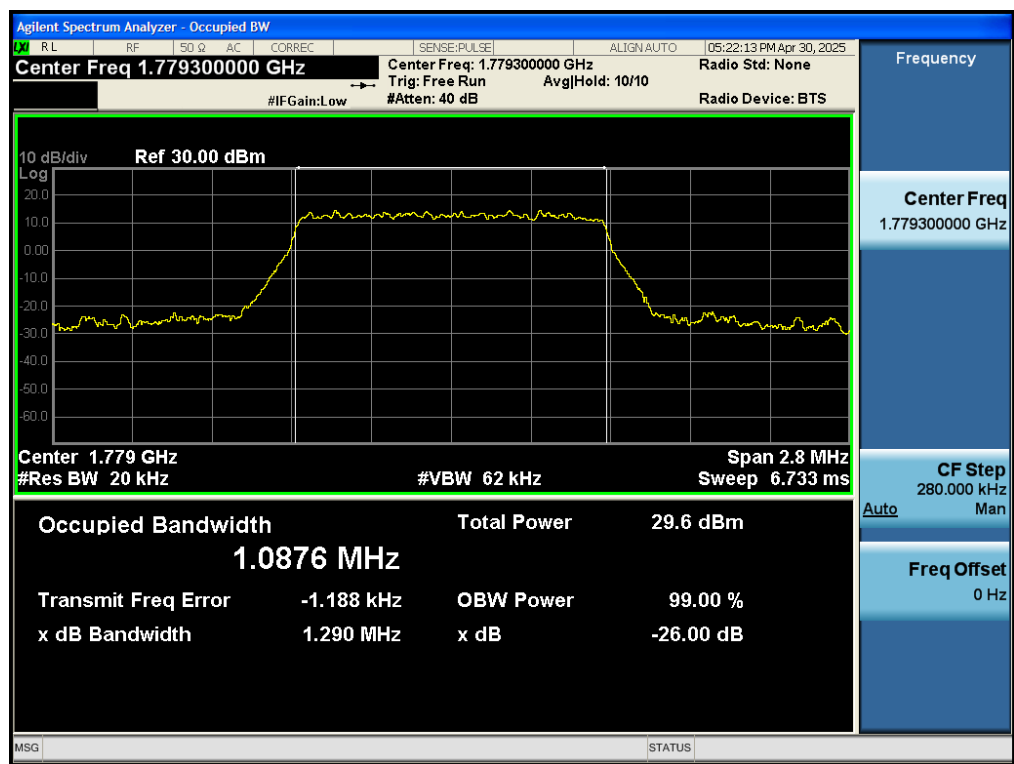
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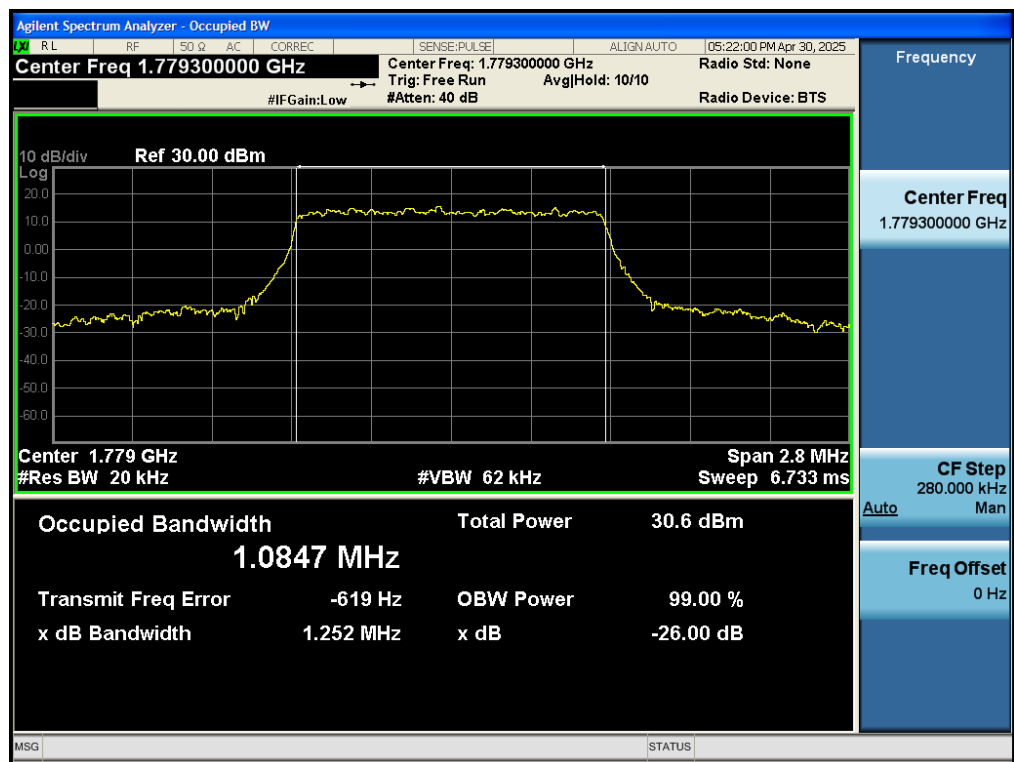
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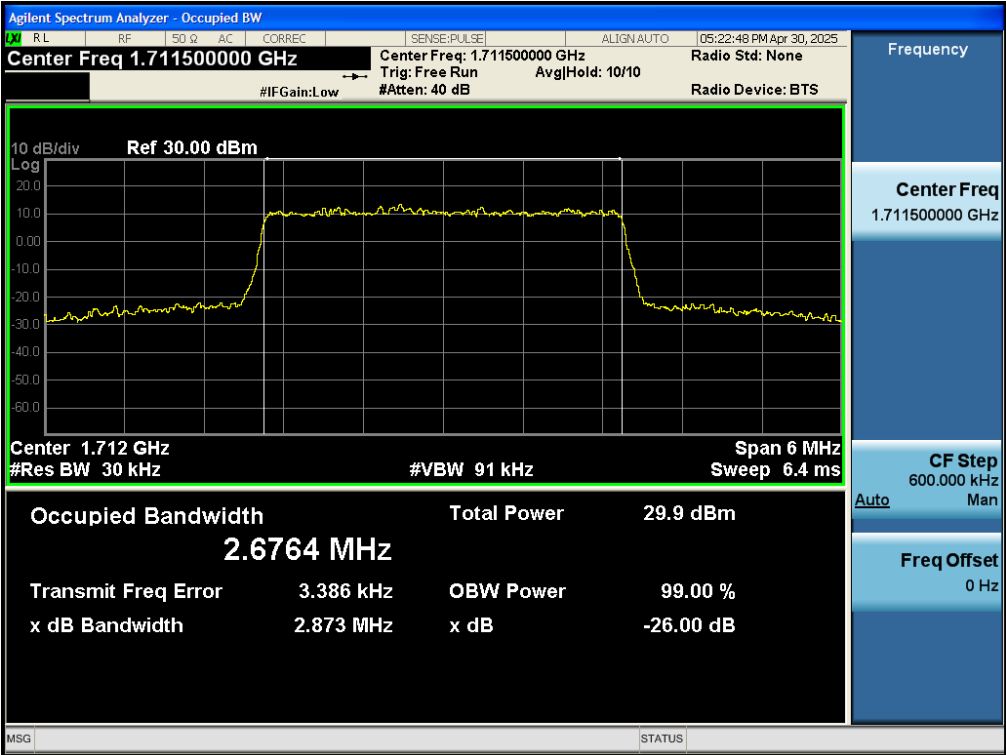
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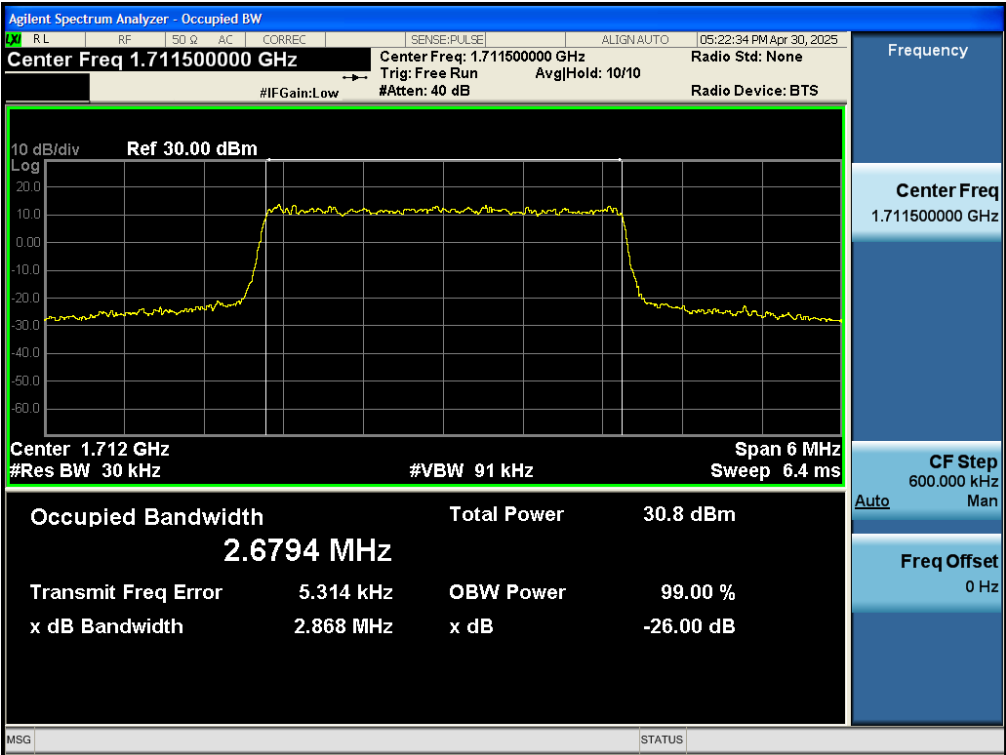
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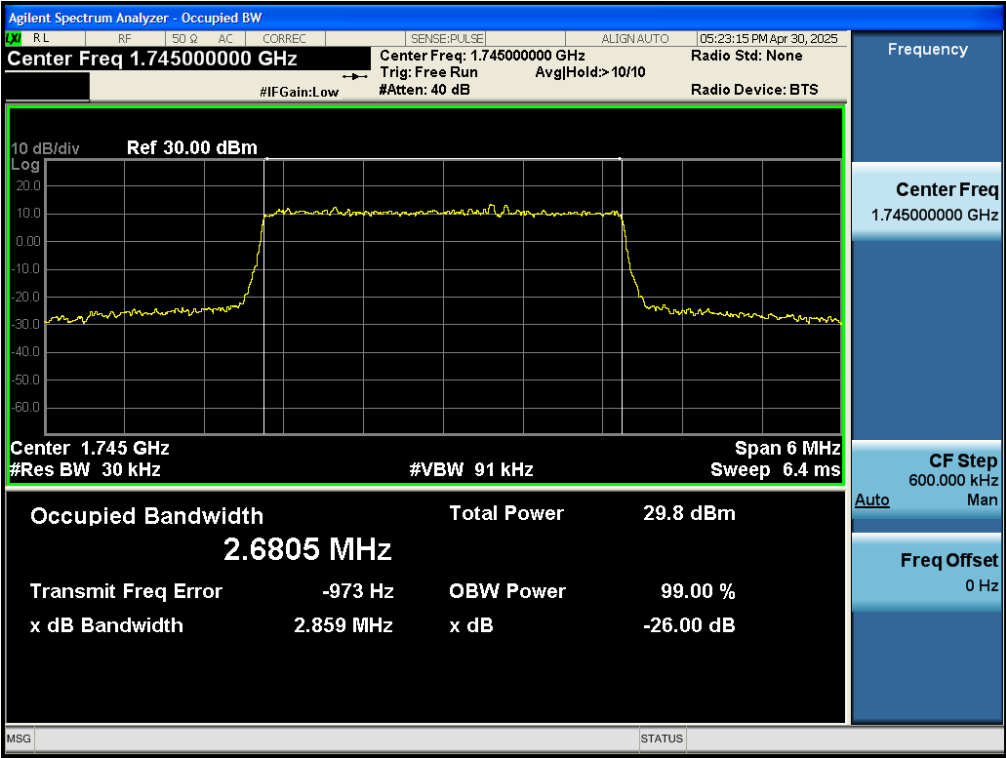
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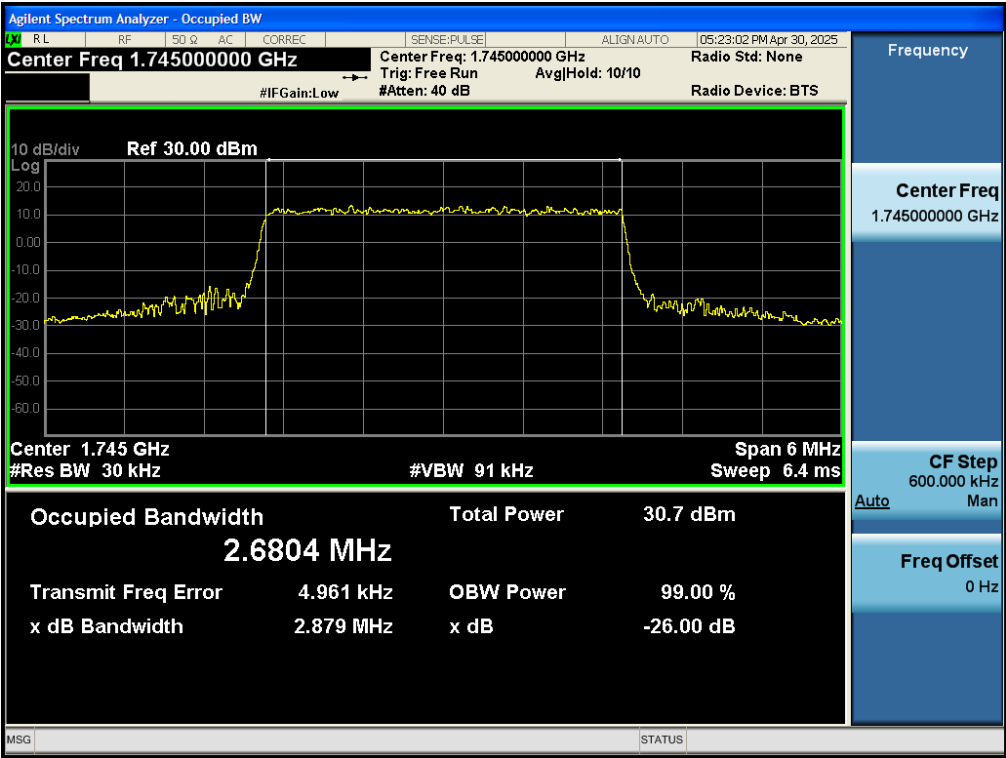
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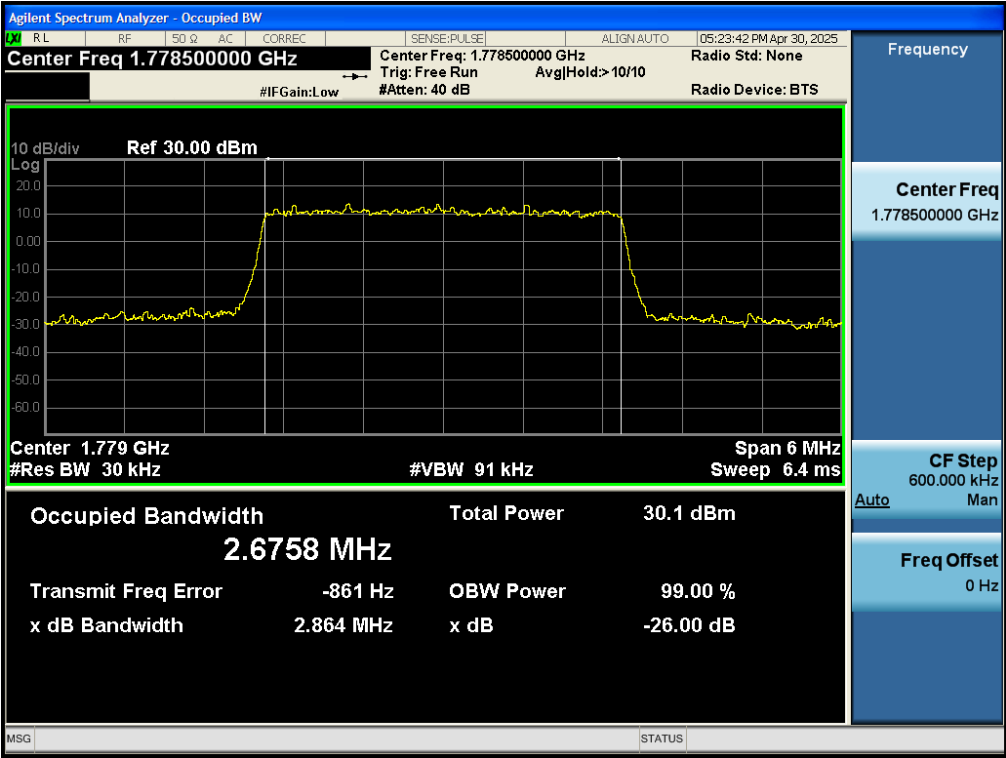
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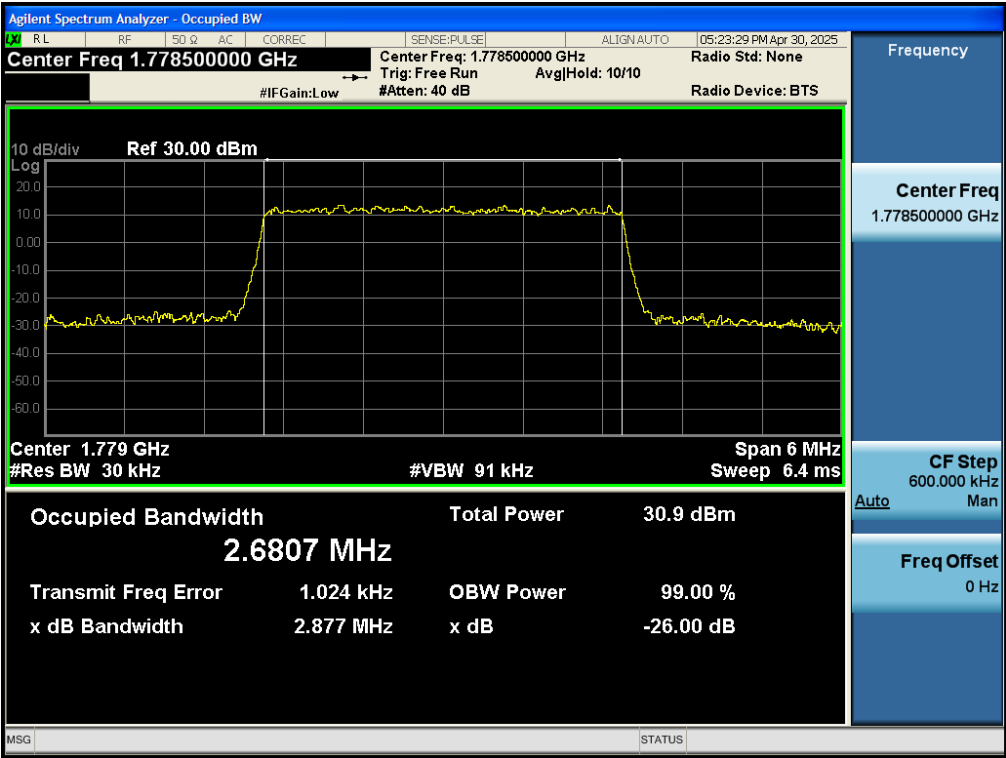
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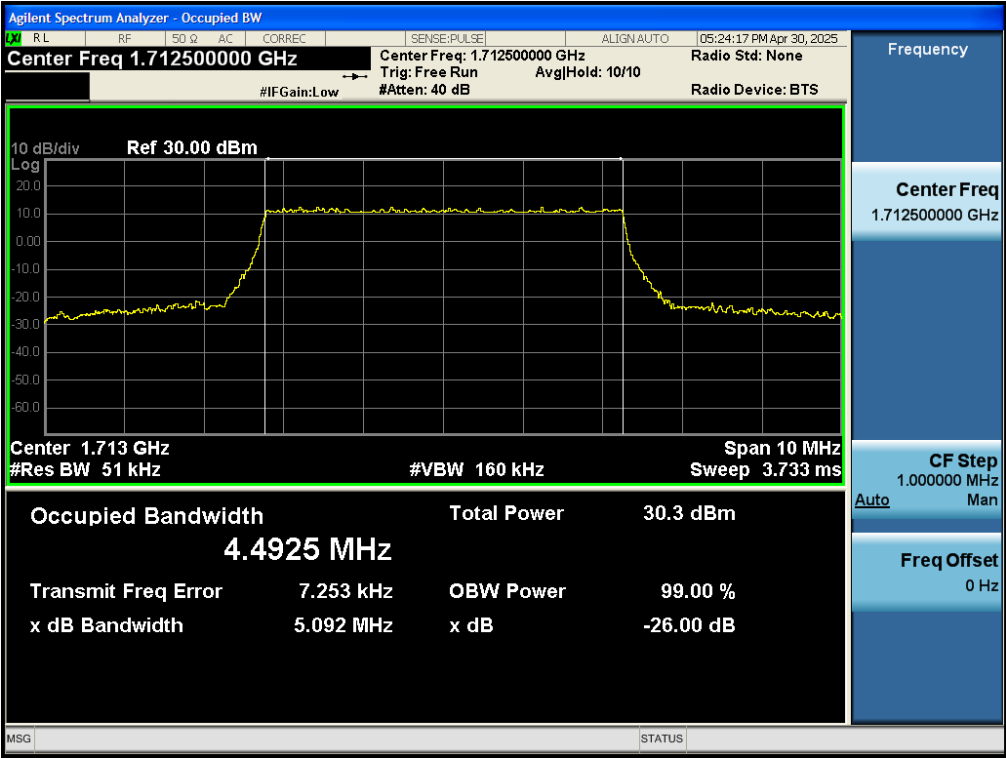
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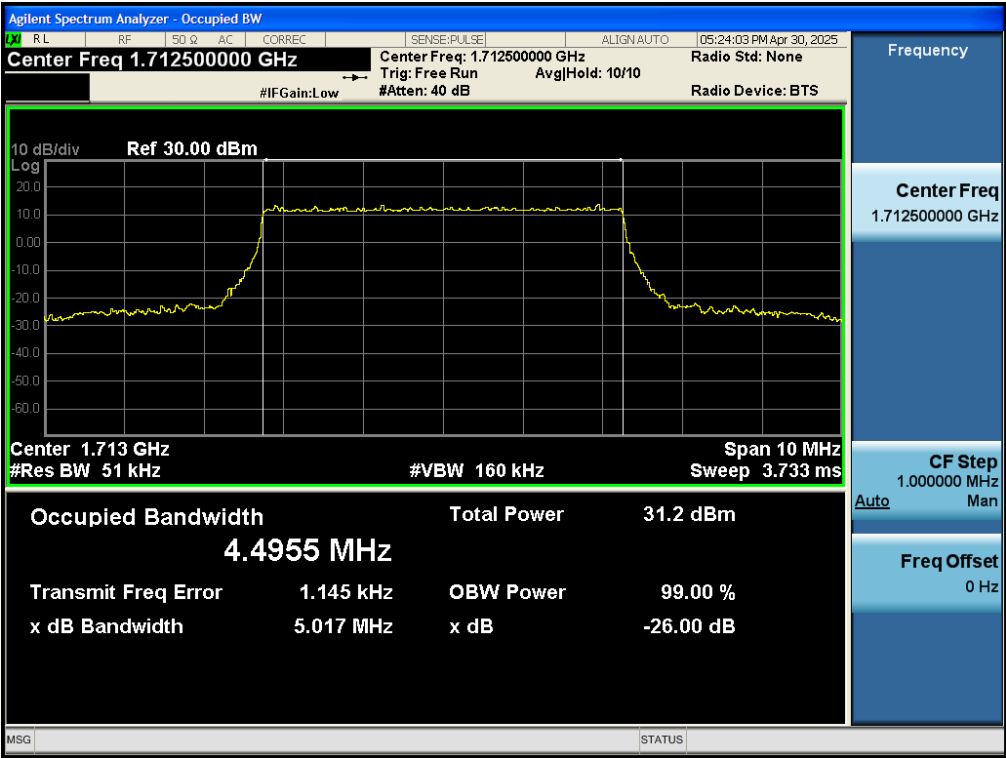
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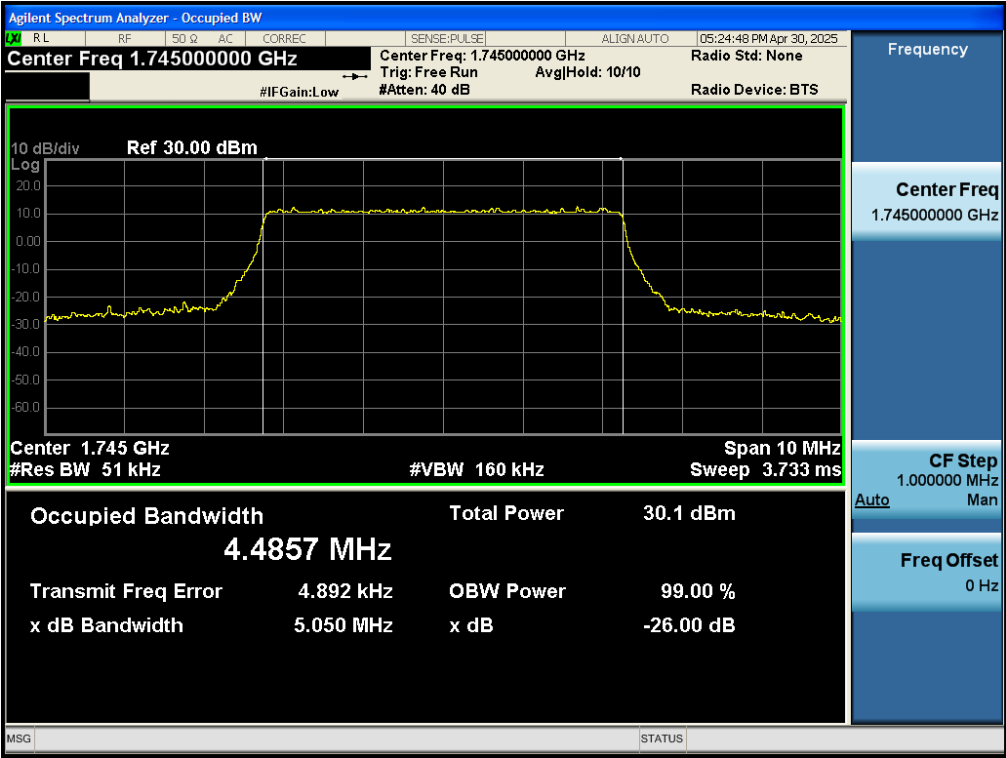
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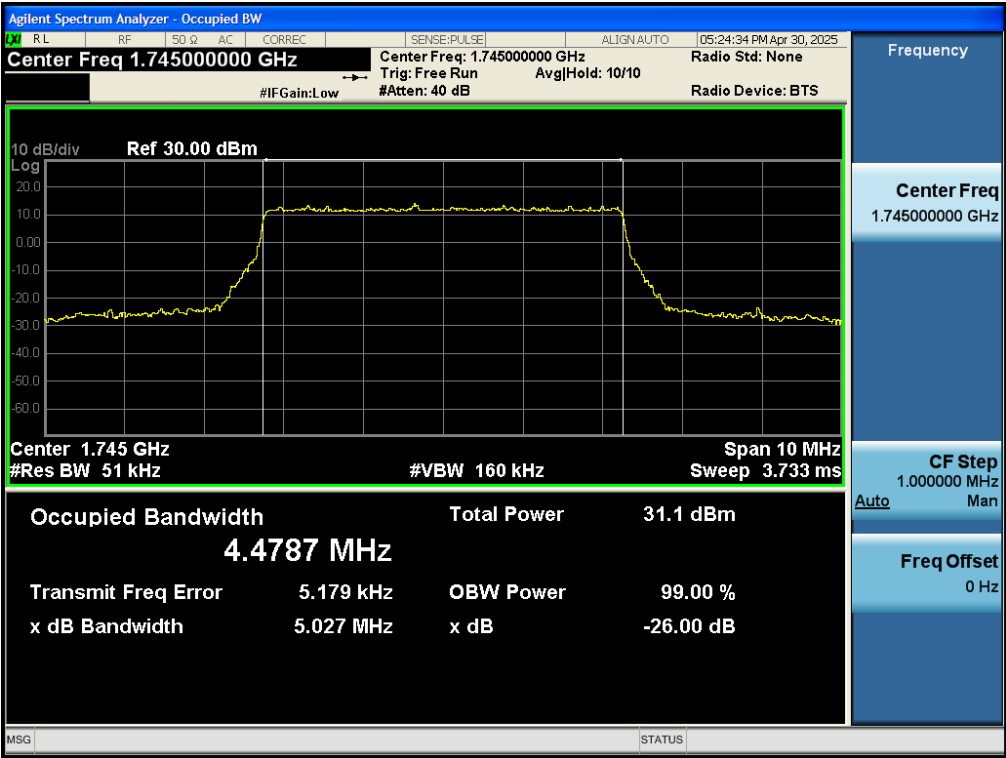
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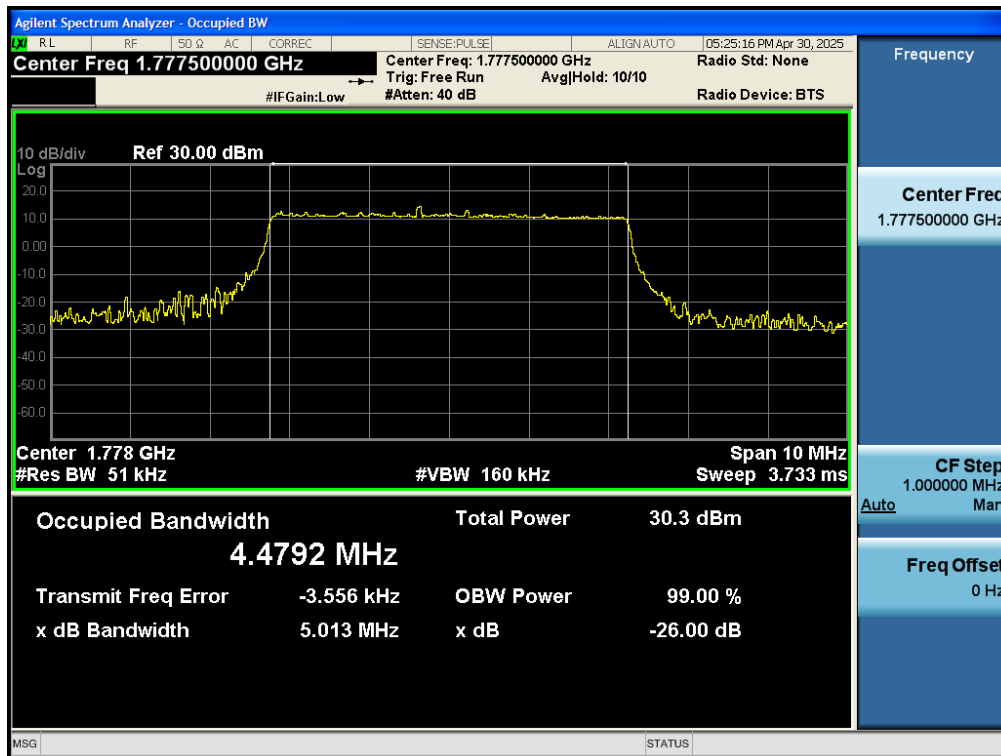
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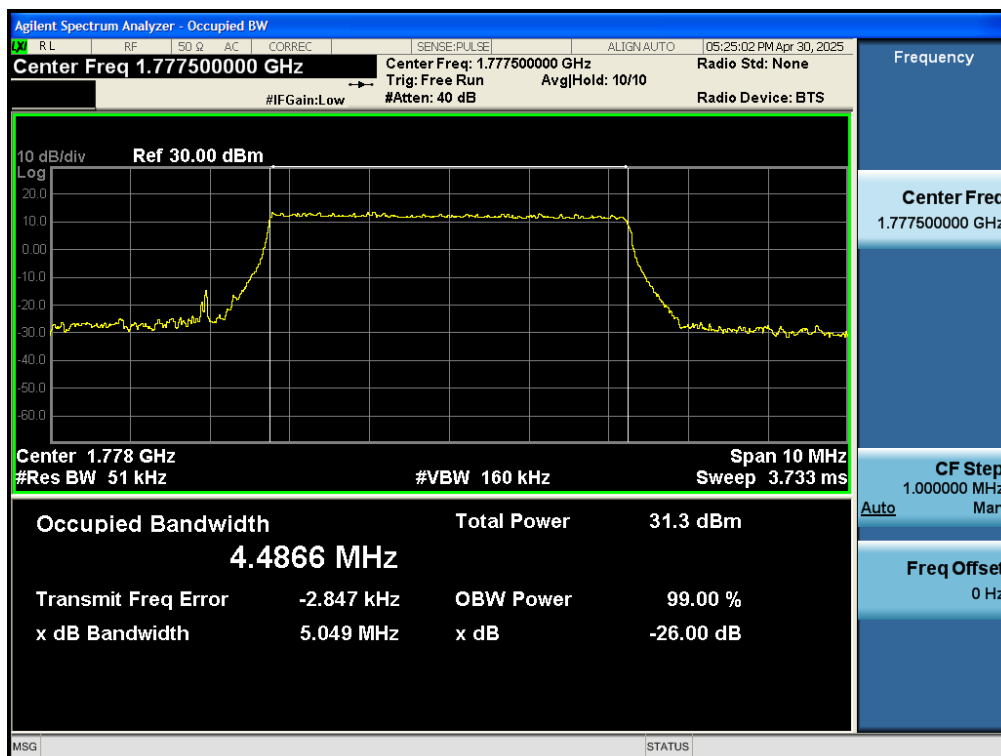
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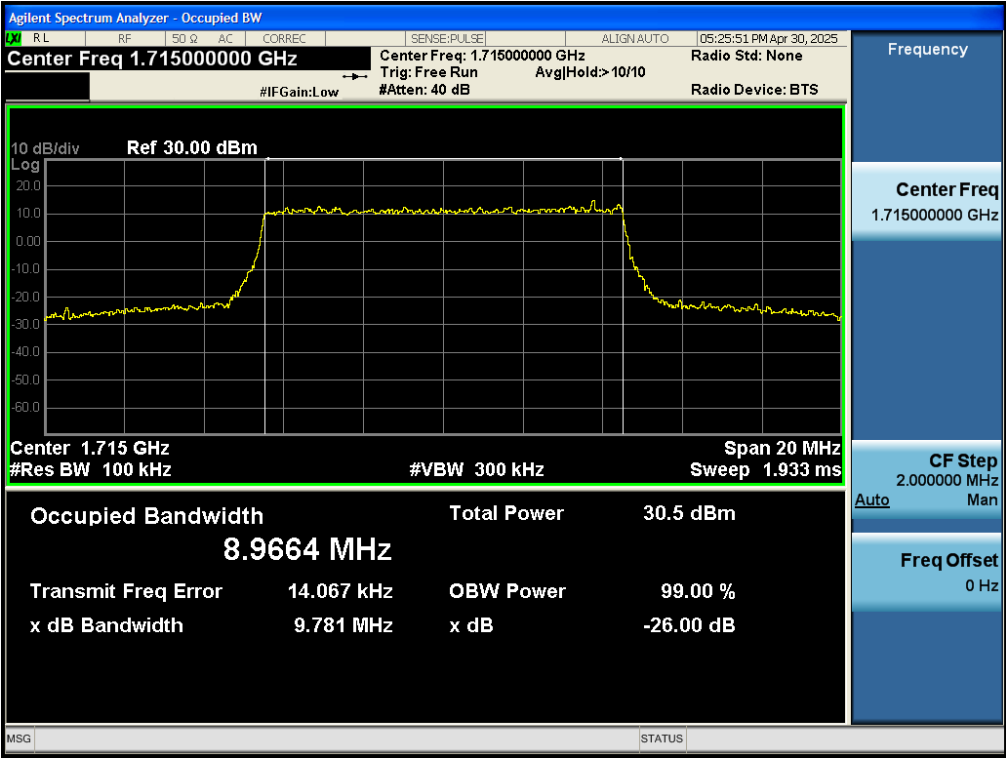
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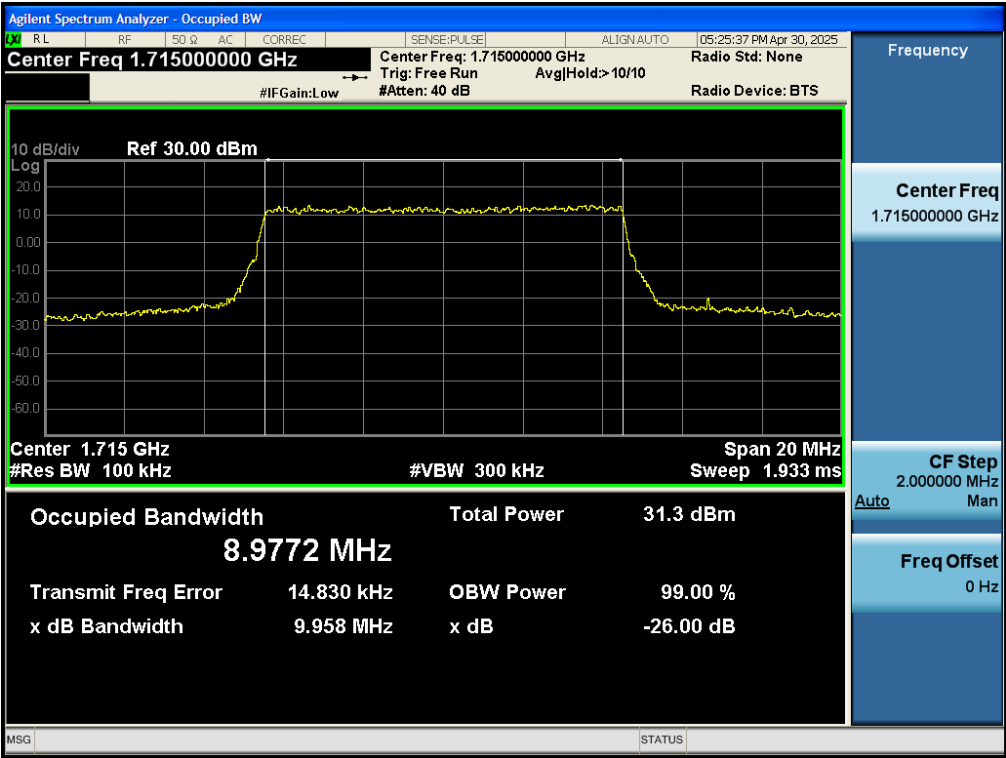
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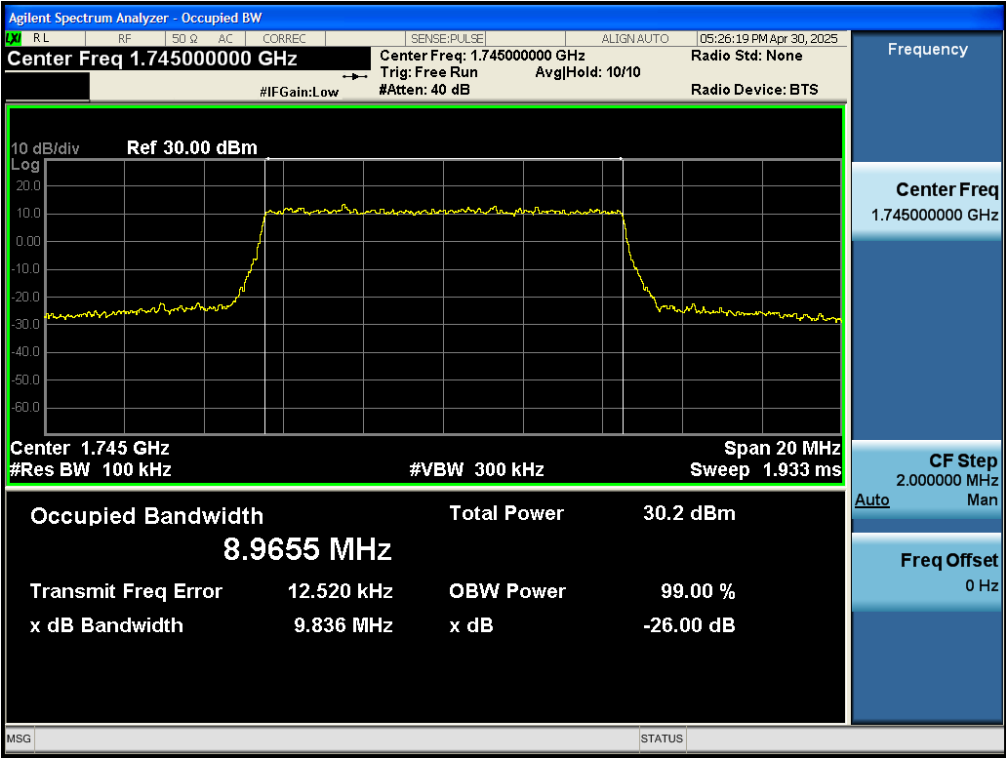
Test Graph band66 1777.5MHz 5M QPSK 25RB#LOW OBW&EBW



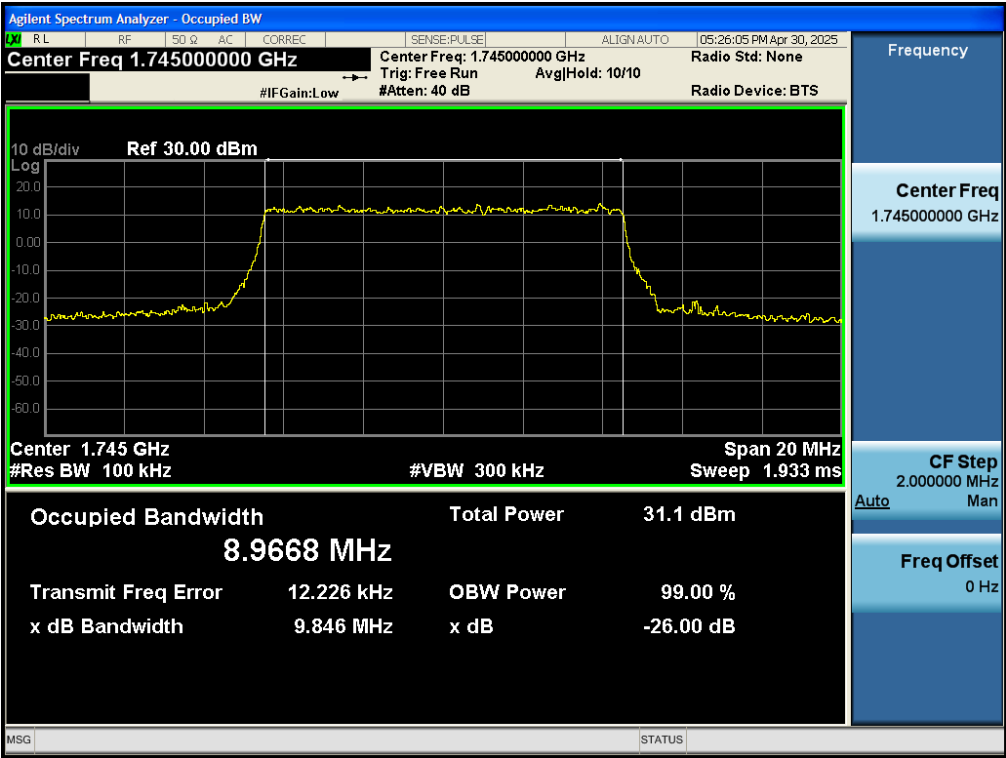
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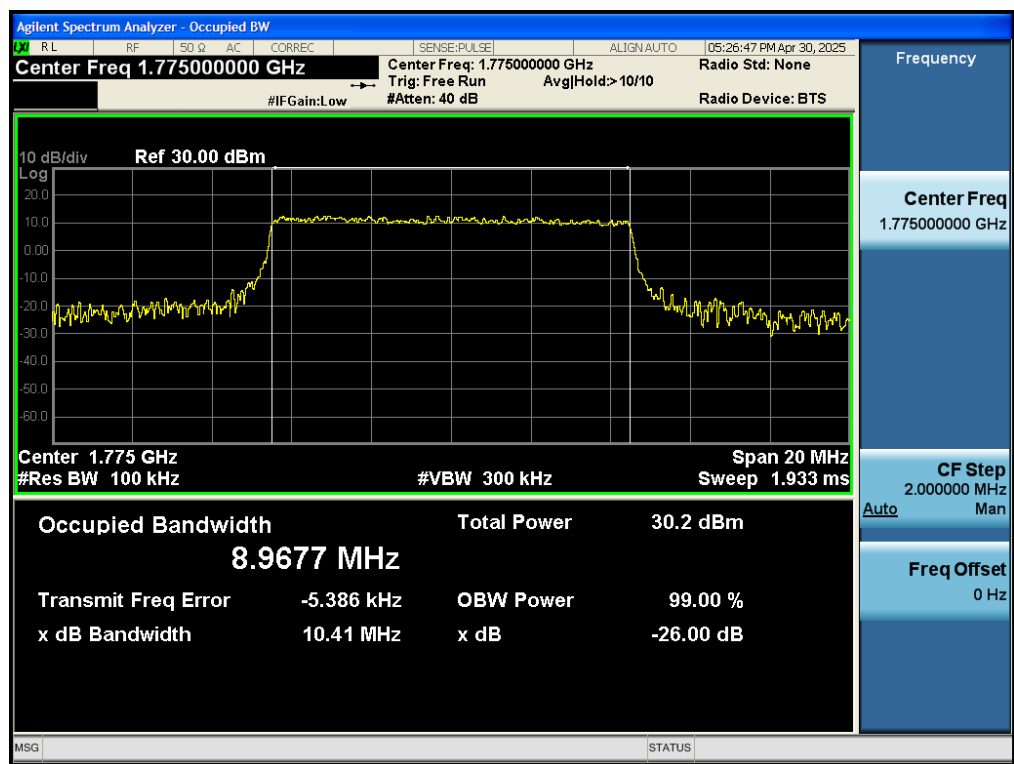
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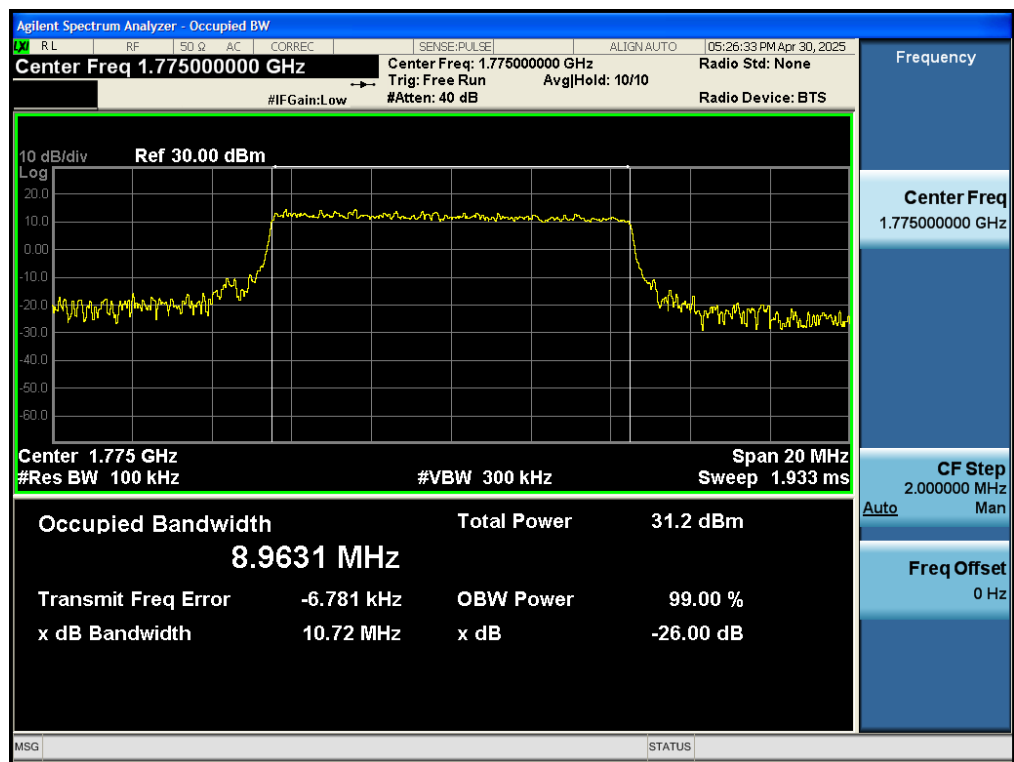
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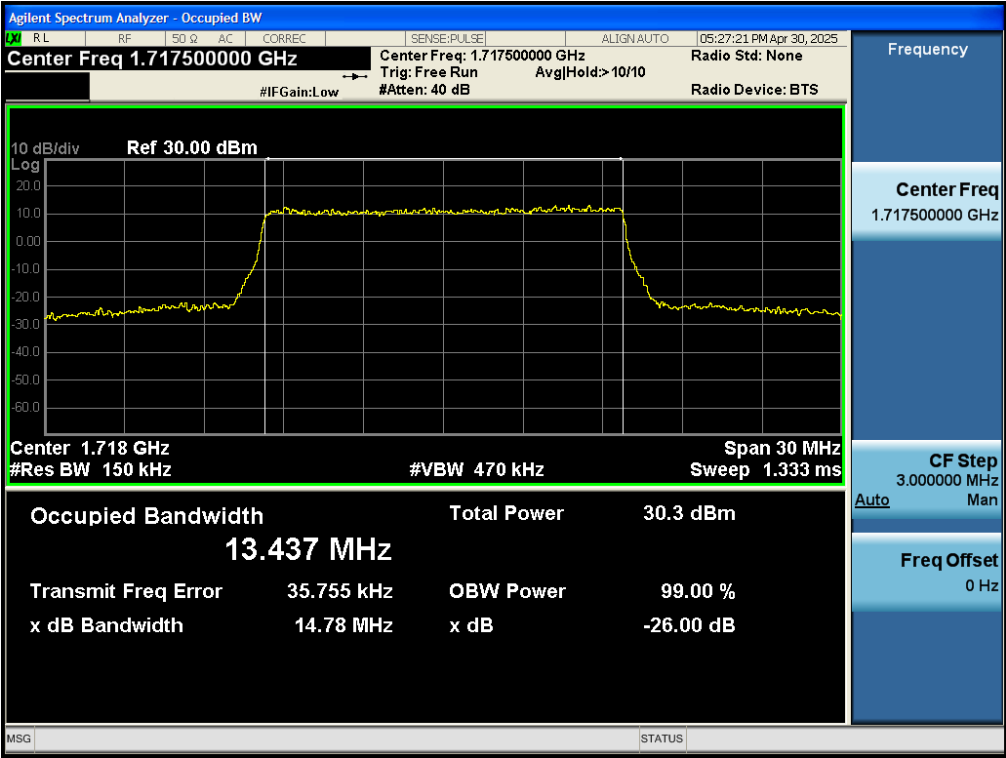
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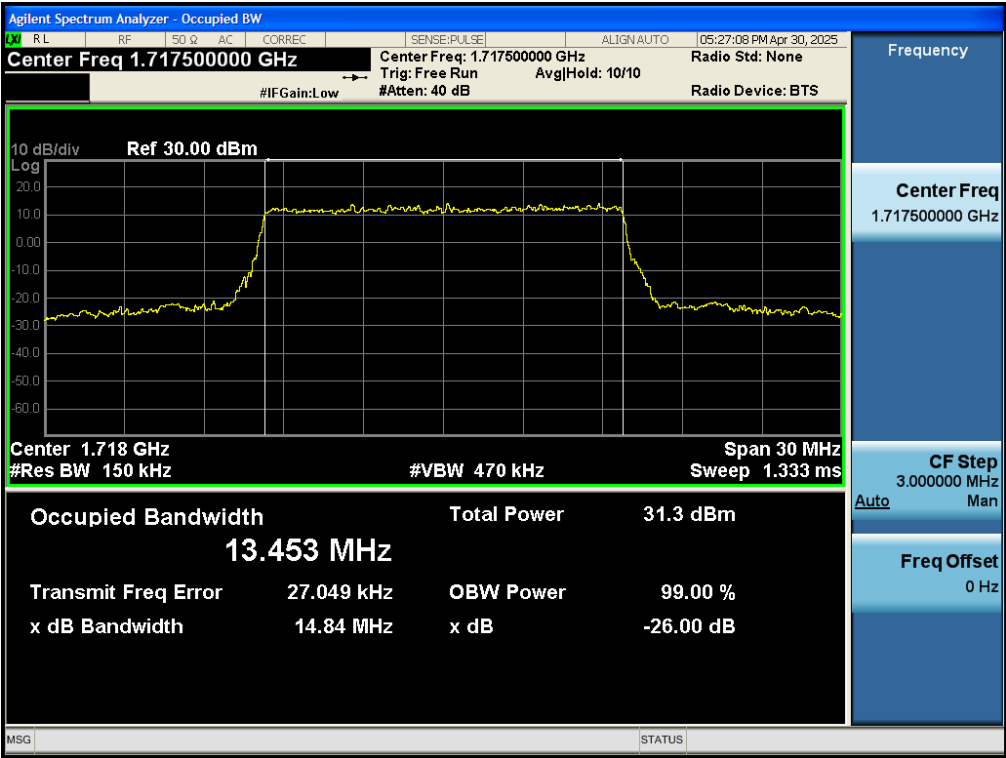
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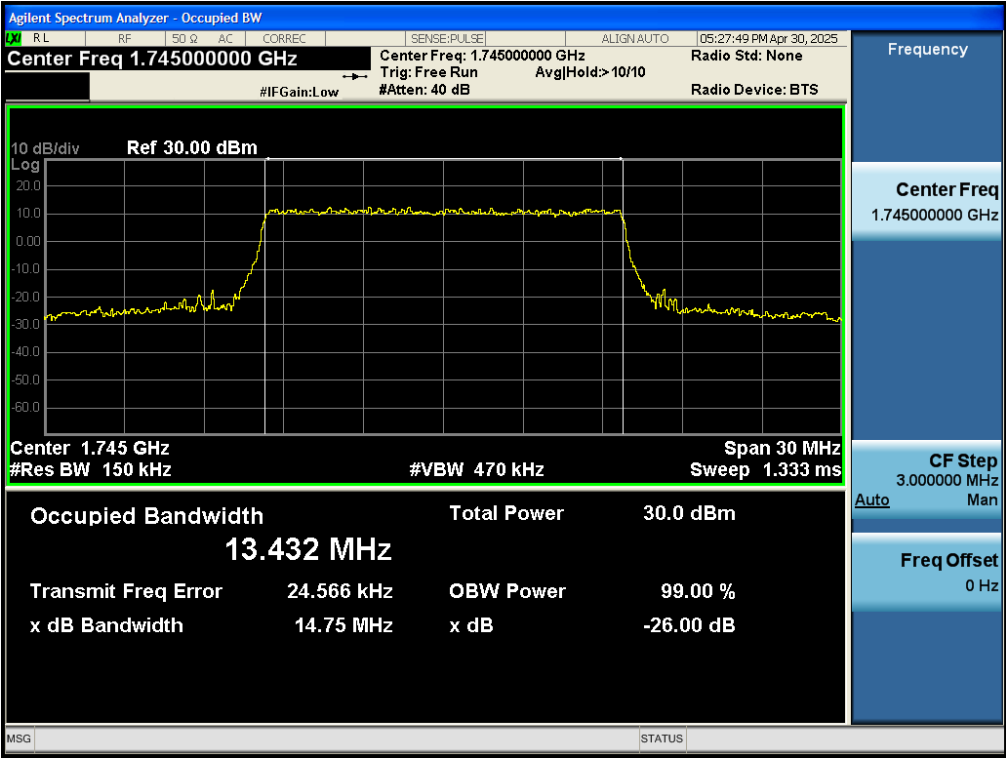
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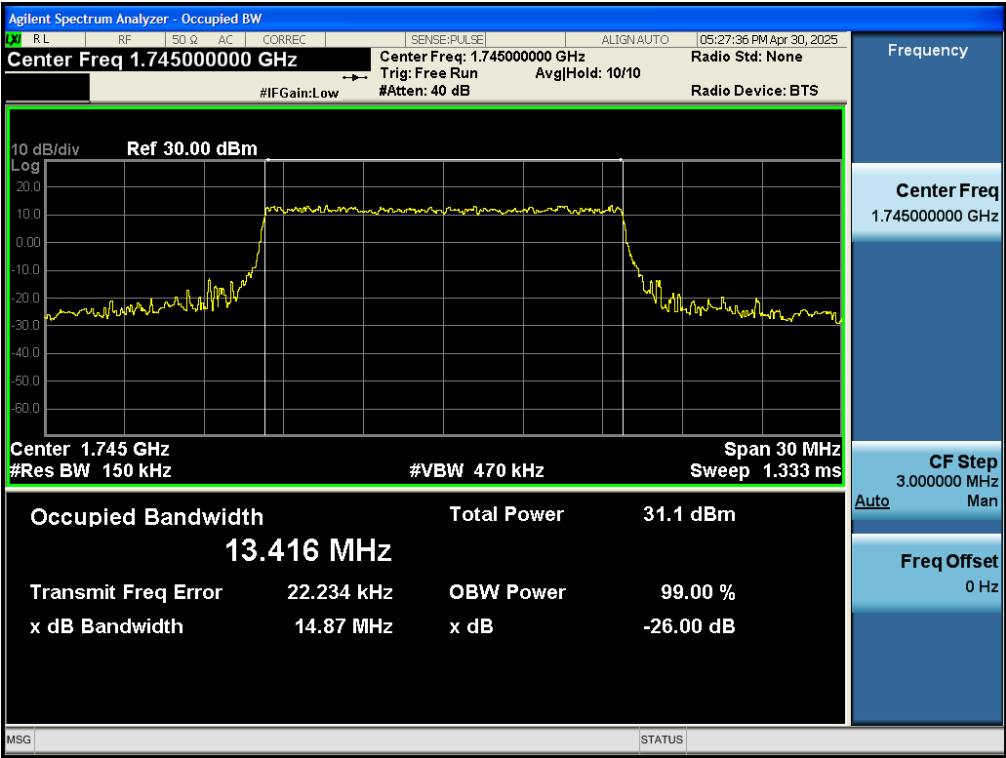
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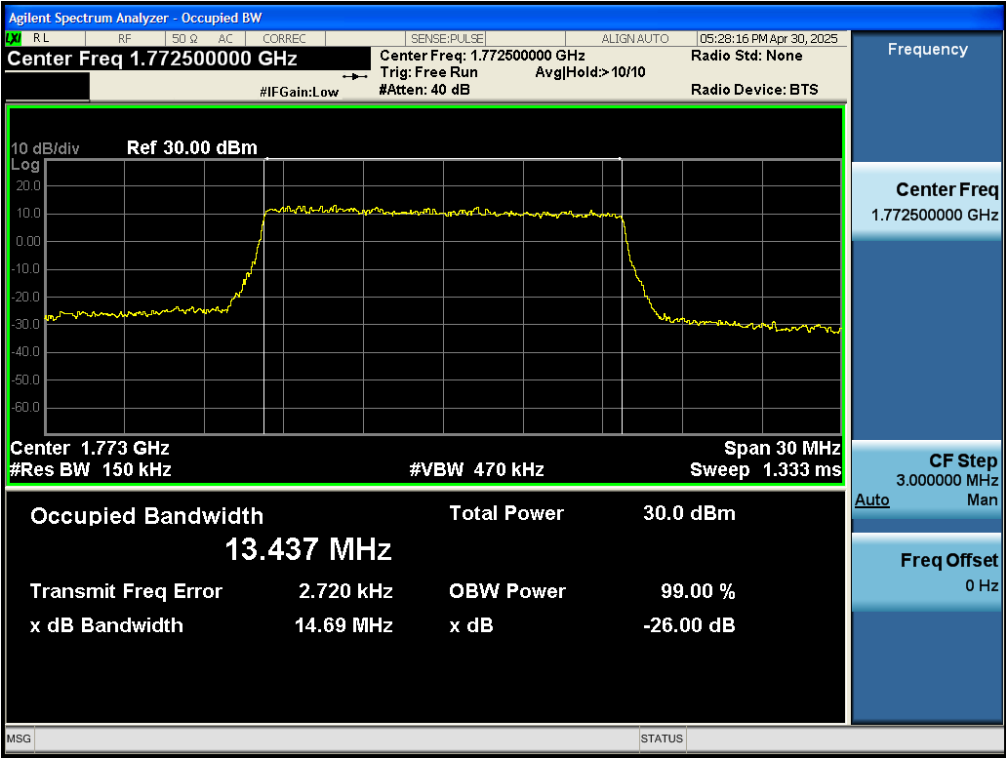
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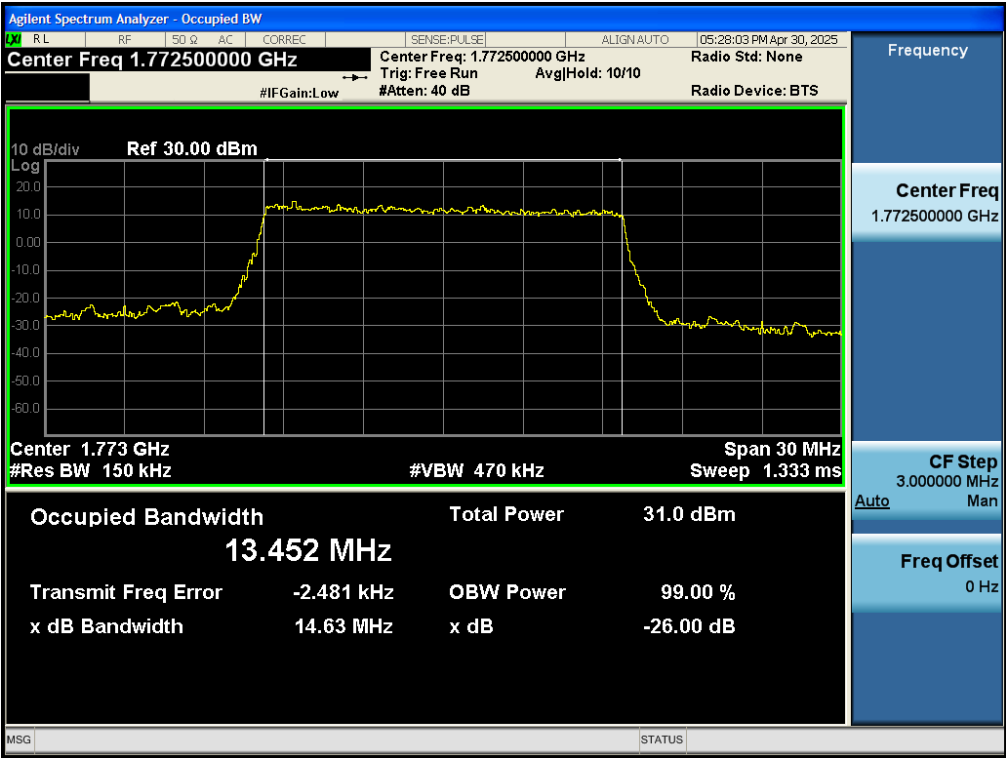
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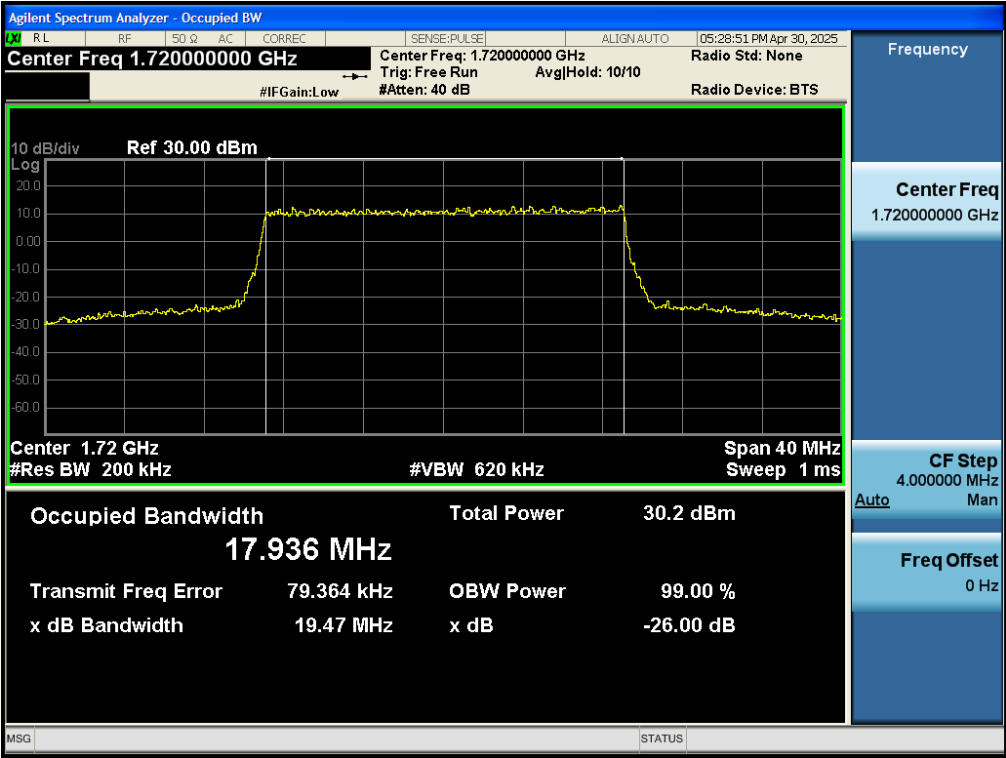
Test_Graph_band66_1745MHz_15M_QPSK_75RB#LOW_OBW&EBW



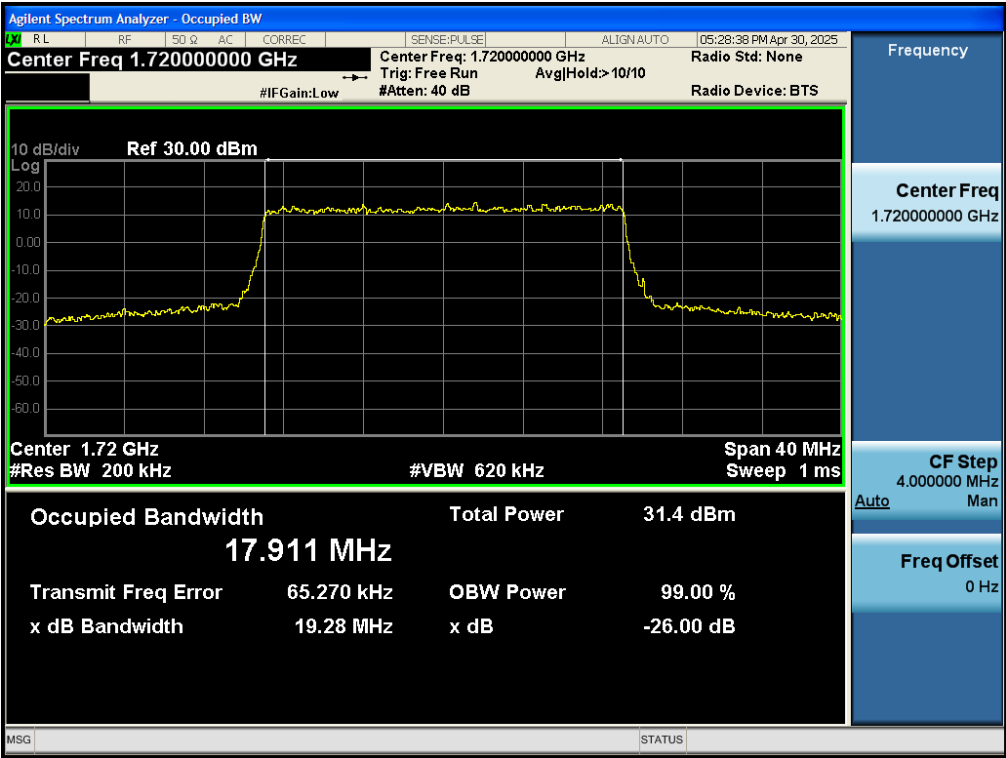
Test_Graph_band66_1772.5MHz_15M_16QAM_75RB#LOW_OBW&EBW



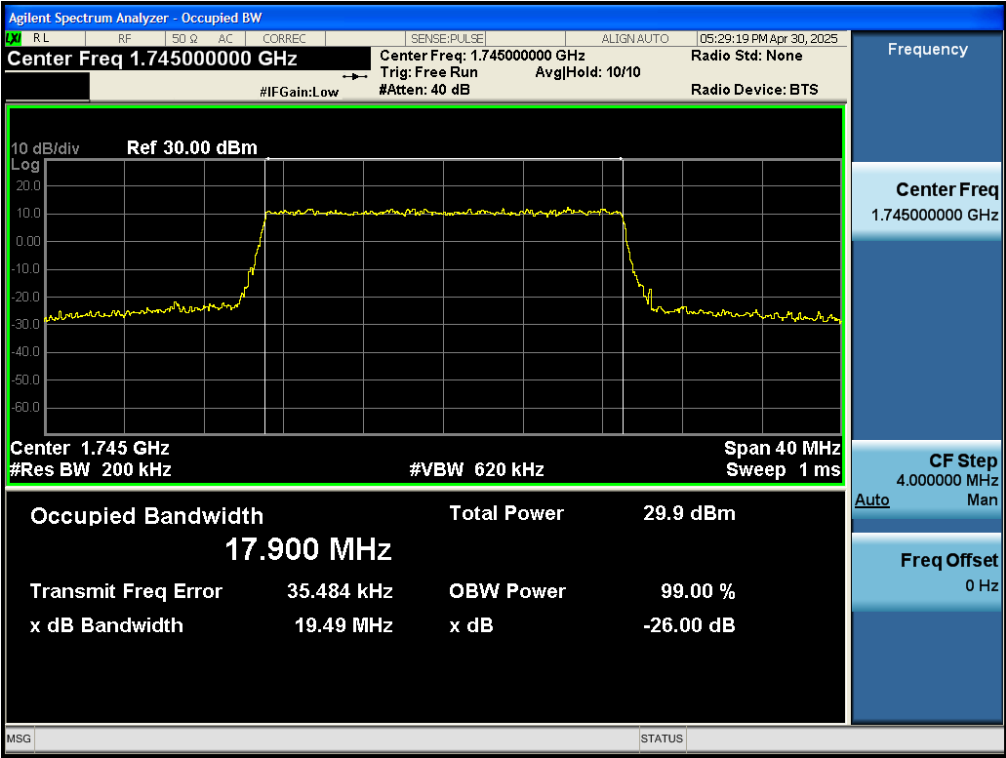
Test_Graph_band66_1772.5MHz_15M_QPSK_75RB#LOW_OBW&EBW



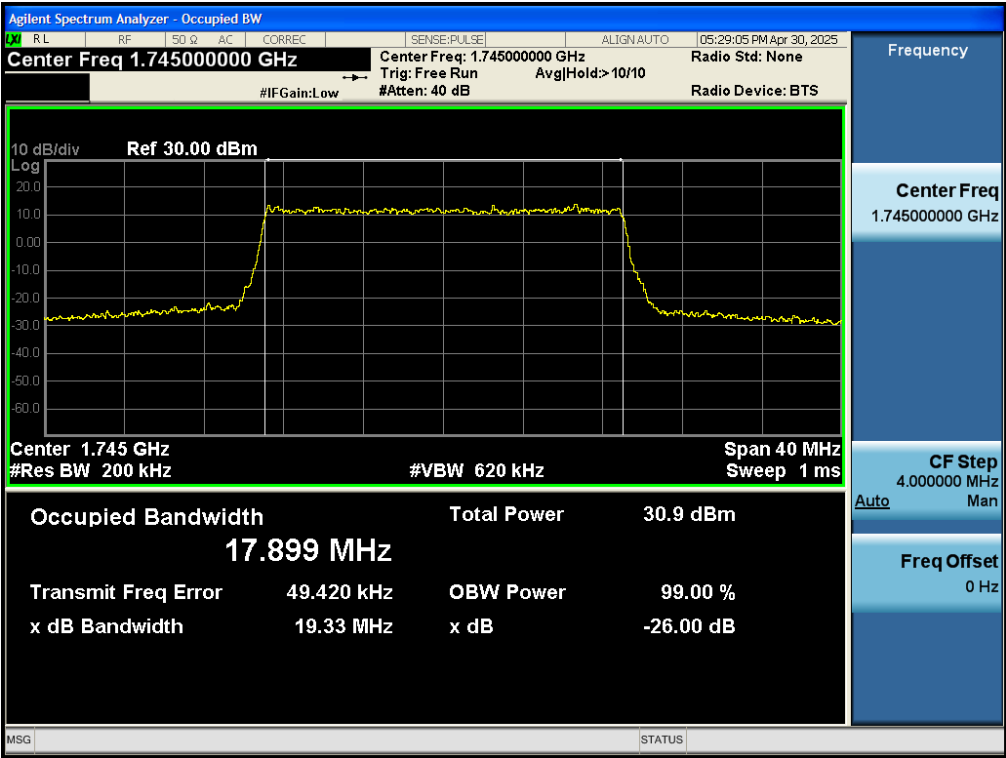
Test_Graph_band66_1720MHz_20M_16QAM_100RB#LOW_OBW&EBW



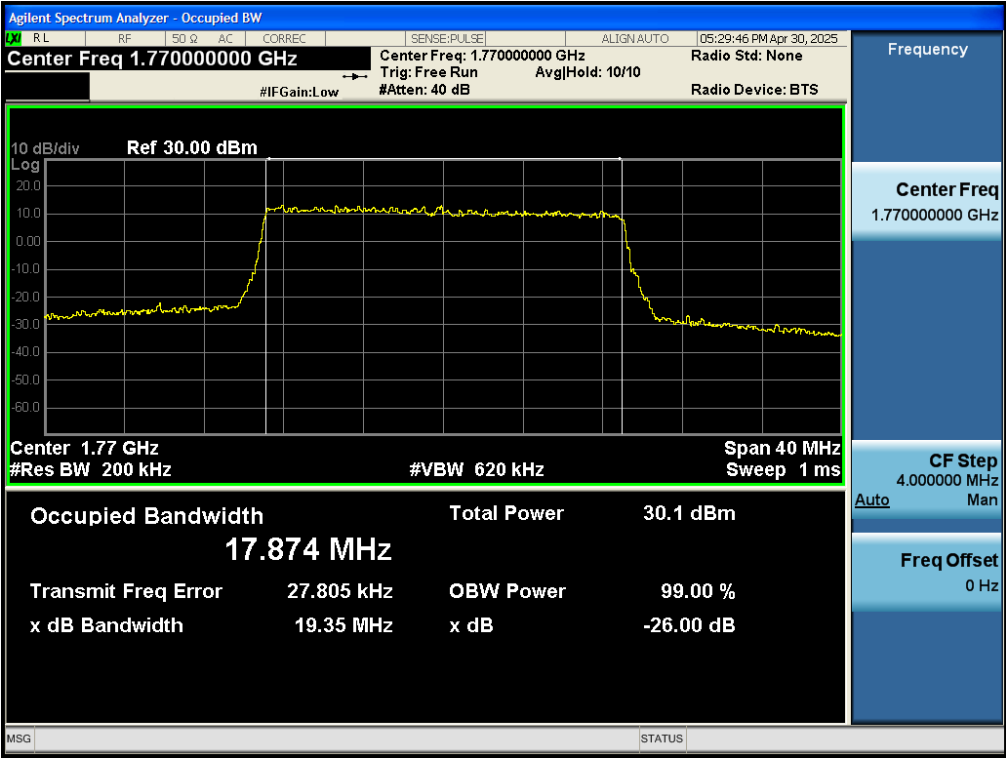
Test_Graph_band66_1720MHz_20M_QPSK_100RB#LOW_OBW&EBW



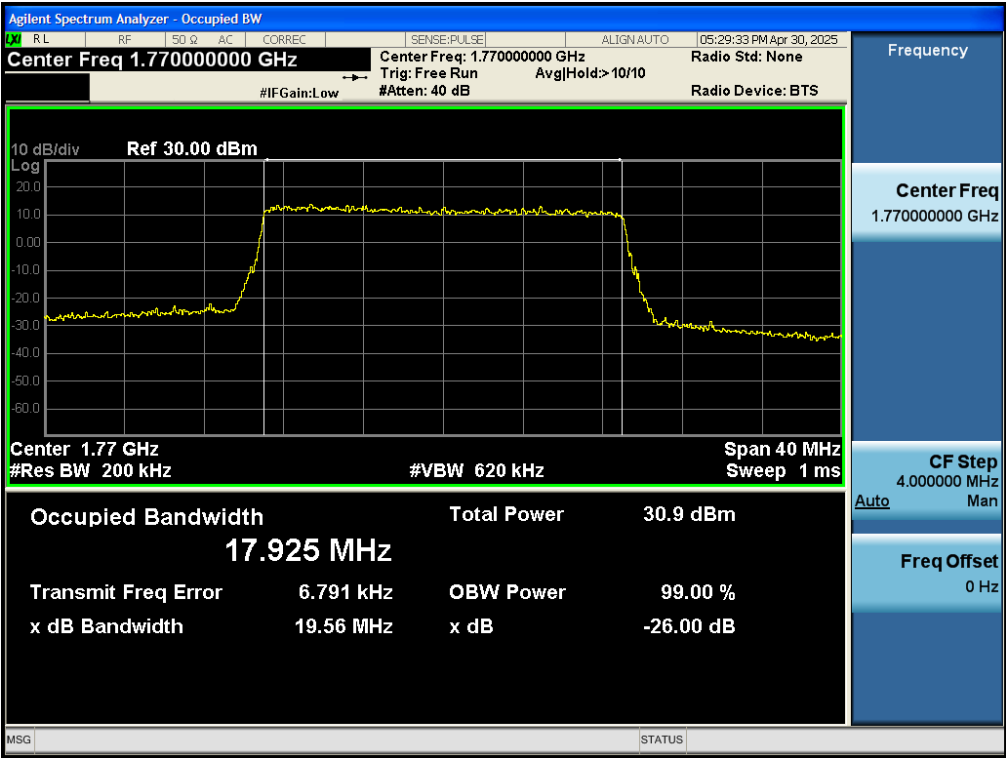
Test_Graph_band66_1745MHz_20M_16QAM_100RB#LOW_OBW&EBW



Test_Graph_band66_1745MHz_20M_QPSK_100RB#LOW_OBW&EBW



Test_Graph_band66_1770MHz_20M_16QAM_100RB#LOW_OBW&EBW



Test_Graph_band66_1770MHz_20M_QPSK_100RB#LOW_OBW&EBW

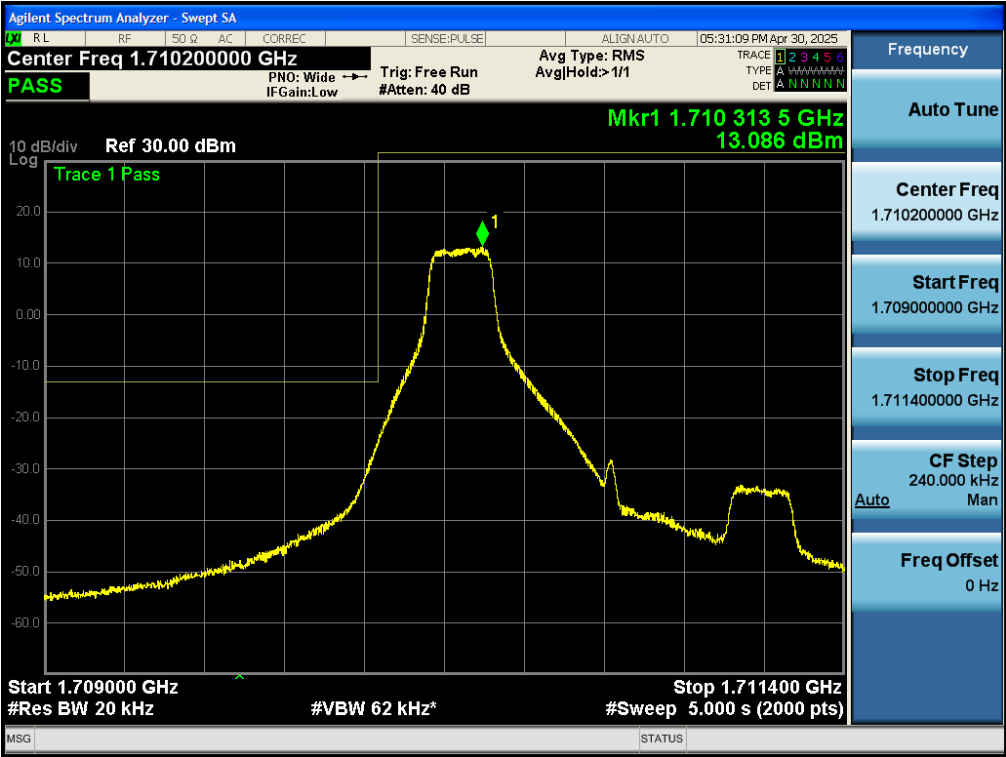
Appendix C: Band edge emissions

Test Result

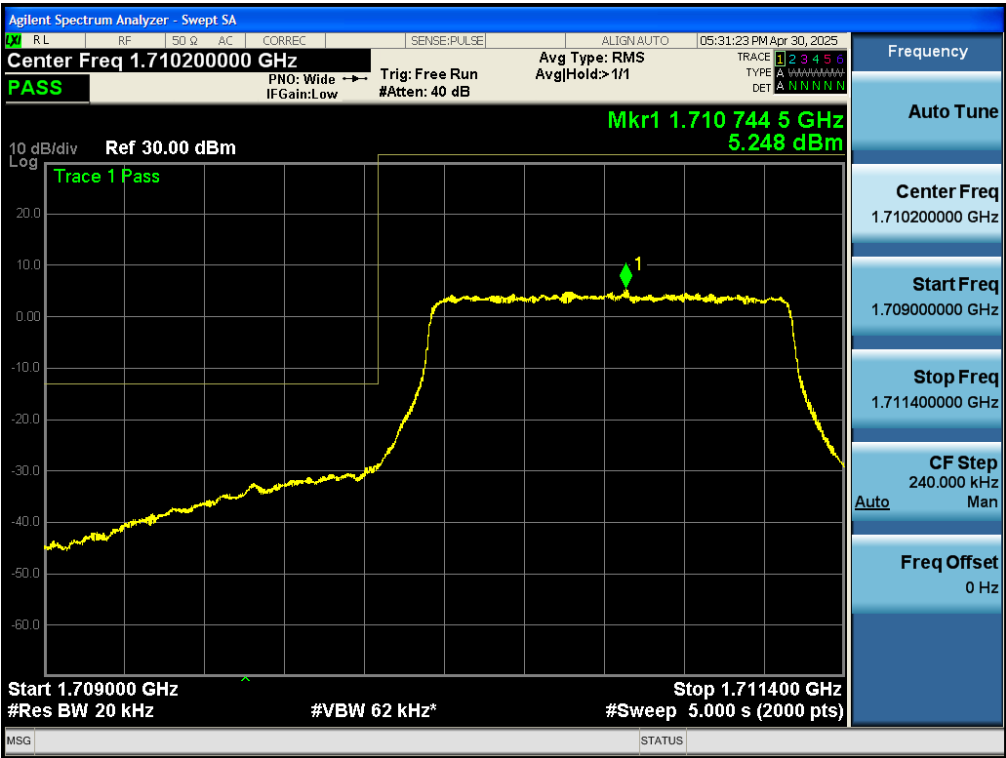
Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Conclusion
66	1.4	1710.7	QPSK	1	LOW	Pass
66	1.4	1710.7	QPSK	6	LOW	Pass
66	1.4	1710.7	16QAM	1	LOW	Pass
66	1.4	1710.7	16QAM	6	LOW	Pass
66	1.4	1779.3	QPSK	1	HIGH	Pass
66	1.4	1779.3	QPSK	6	LOW	Pass
66	1.4	1779.3	16QAM	1	HIGH	Pass
66	1.4	1779.3	16QAM	6	LOW	Pass
66	3	1711.5	QPSK	1	LOW	Pass
66	3	1711.5	QPSK	15	LOW	Pass
66	3	1711.5	16QAM	1	LOW	Pass
66	3	1711.5	16QAM	15	LOW	Pass
66	3	1778.5	QPSK	1	HIGH	Pass
66	3	1778.5	QPSK	15	LOW	Pass
66	3	1778.5	16QAM	1	HIGH	Pass
66	3	1778.5	16QAM	15	LOW	Pass
66	5	1712.5	QPSK	1	LOW	Pass
66	5	1712.5	QPSK	25	LOW	Pass
66	5	1712.5	16QAM	1	LOW	Pass
66	5	1712.5	16QAM	25	LOW	Pass
66	5	1777.5	QPSK	1	HIGH	Pass
66	5	1777.5	QPSK	25	LOW	Pass
66	5	1777.5	16QAM	1	HIGH	Pass
66	5	1777.5	16QAM	25	LOW	Pass
66	10	1715	QPSK	1	LOW	Pass
66	10	1715	QPSK	50	LOW	Pass
66	10	1715	16QAM	1	LOW	Pass
66	10	1715	16QAM	50	LOW	Pass
66	10	1775	QPSK	1	HIGH	Pass
66	10	1775	QPSK	50	LOW	Pass
66	10	1775	16QAM	1	HIGH	Pass
66	10	1775	16QAM	50	LOW	Pass
66	15	1717.5	QPSK	1	LOW	Pass
66	15	1717.5	QPSK	75	LOW	Pass
66	15	1717.5	16QAM	1	LOW	Pass
66	15	1717.5	16QAM	75	LOW	Pass
66	15	1772.5	QPSK	1	HIGH	Pass

Band	Bandwidth (MHz)	UL Frequency (MHz)	Modulation	RB Size	RB Offset	Conclusion
66	15	1772.5	QPSK	75	LOW	Pass
66	15	1772.5	16QAM	1	HIGH	Pass
66	15	1772.5	16QAM	75	LOW	Pass
66	20	1720	QPSK	1	LOW	Pass
66	20	1720	QPSK	100	LOW	Pass
66	20	1720	16QAM	1	LOW	Pass
66	20	1720	16QAM	100	LOW	Pass
66	20	1770	QPSK	1	HIGH	Pass
66	20	1770	QPSK	100	LOW	Pass
66	20	1770	16QAM	1	HIGH	Pass
66	20	1770	16QAM	100	LOW	Pass

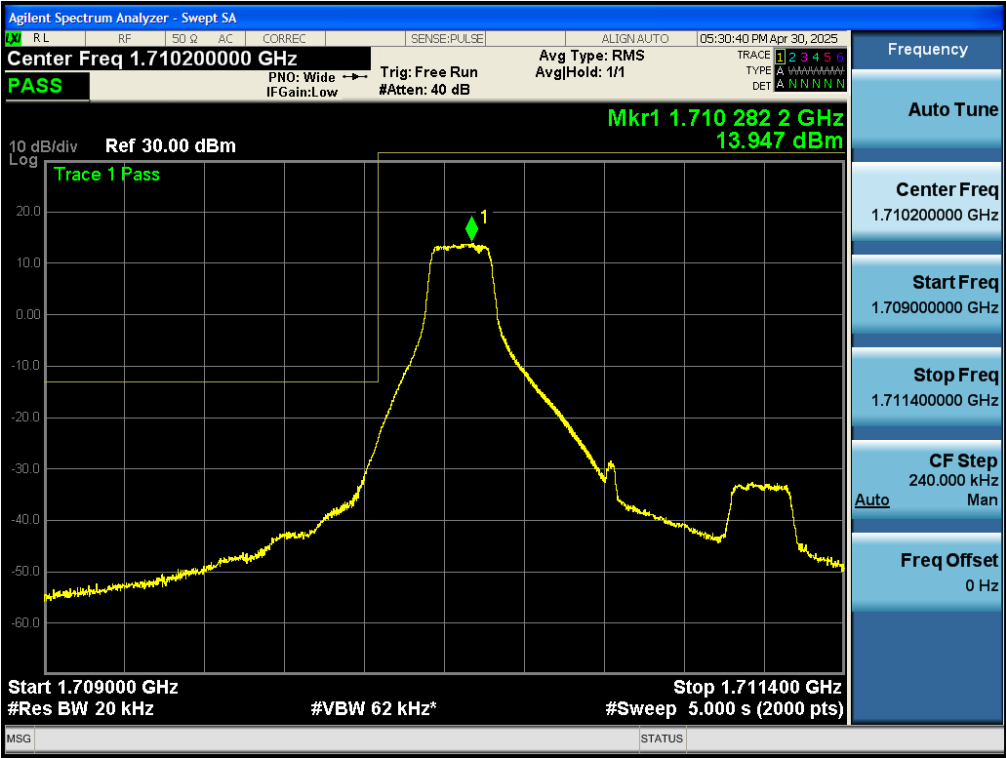
Test Graphs



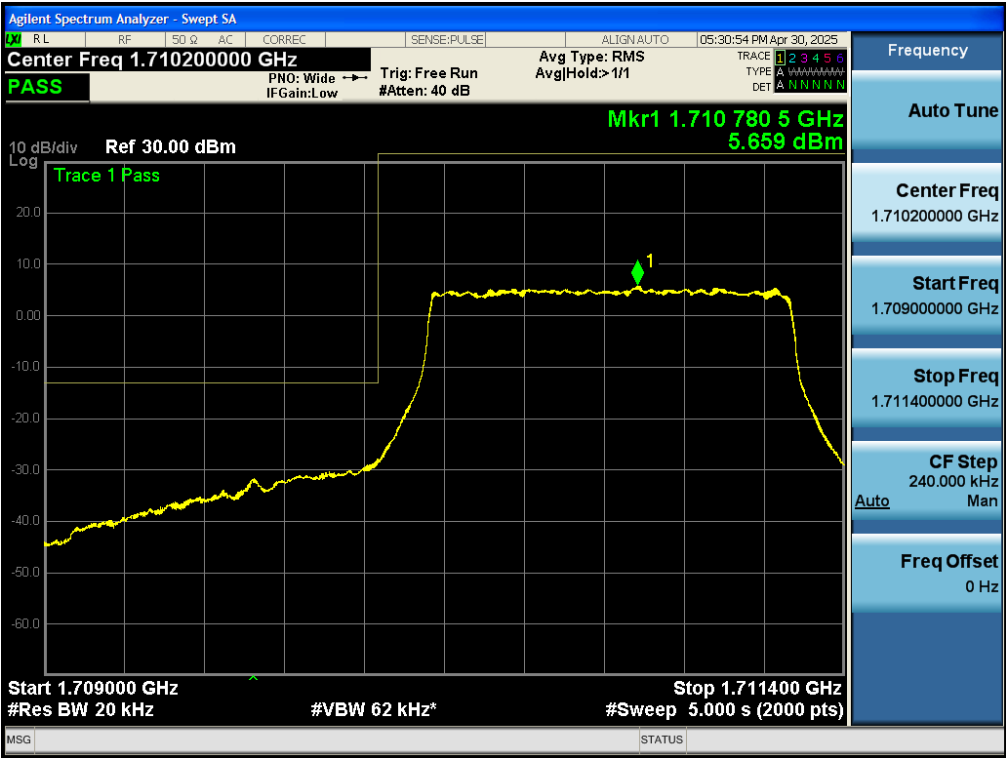
Test_Graph_band66_1710.7MHz_1.4M_16QAM_1RB#LOW_Band edge



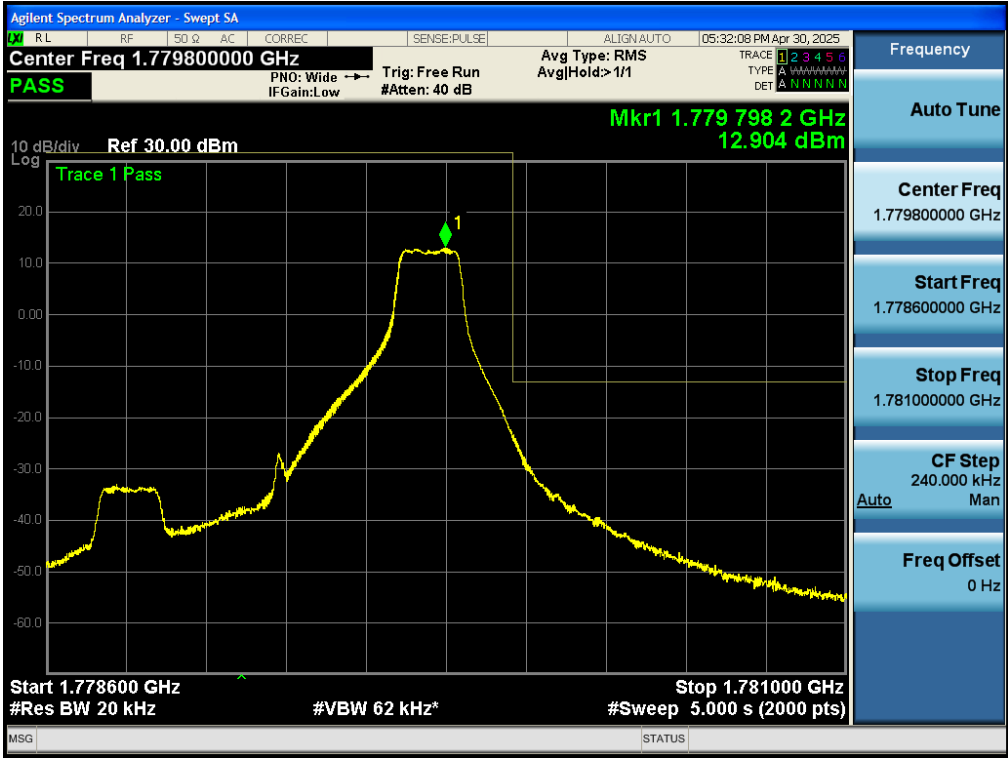
Test_Graph_band66_1710.7MHz_1.4M_16QAM_6RB#LOW_Band edge



Test_Graph_band66_1710.7MHz_1.4M_QPSK_1RB#LOW_Band edge



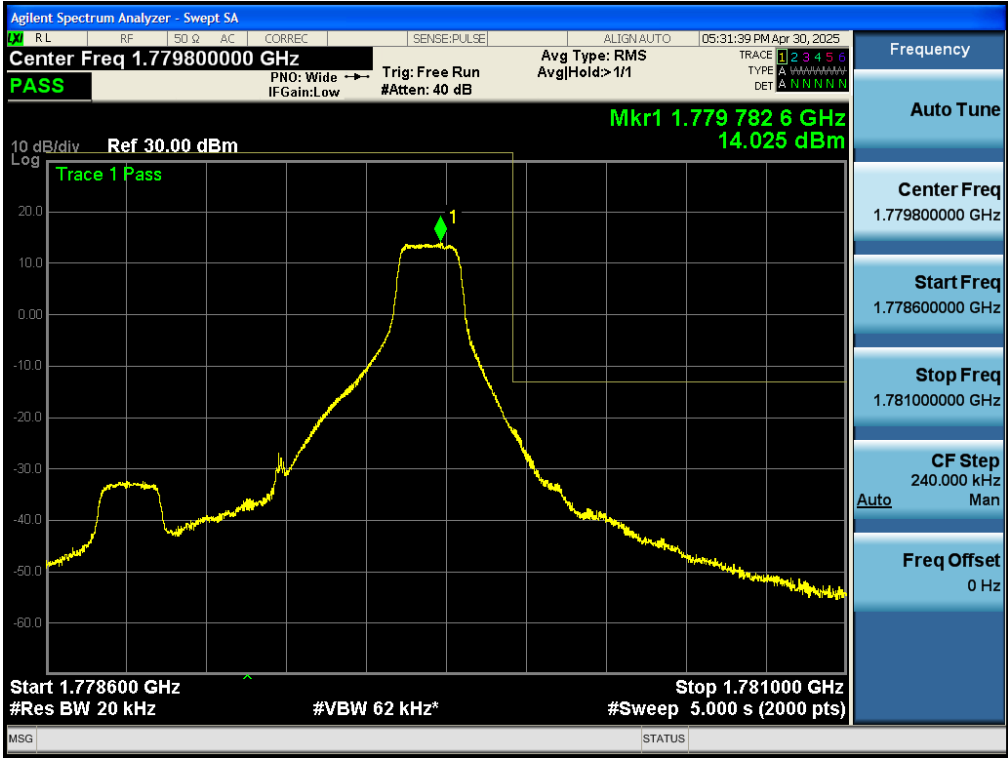
Test_Graph_band66_1710.7MHz_1.4M_QPSK_6RB#LOW_Band edge



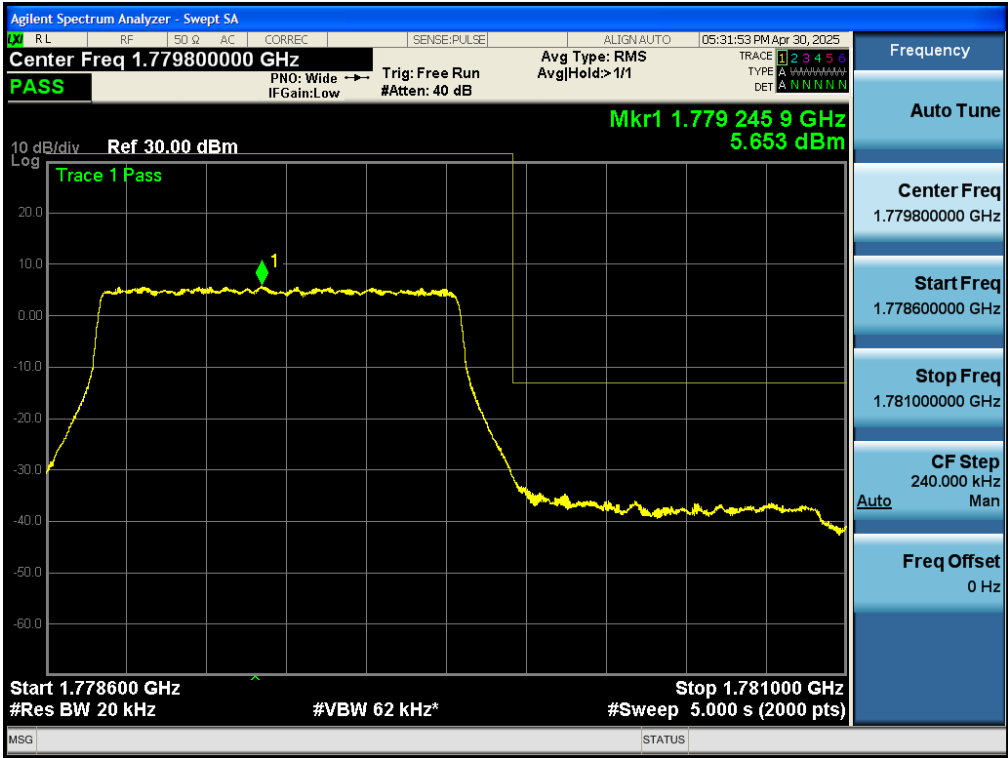
Test_Graph_band66_1779.3MHz_1.4M_16QAM_1RB#HIGH_Band edge



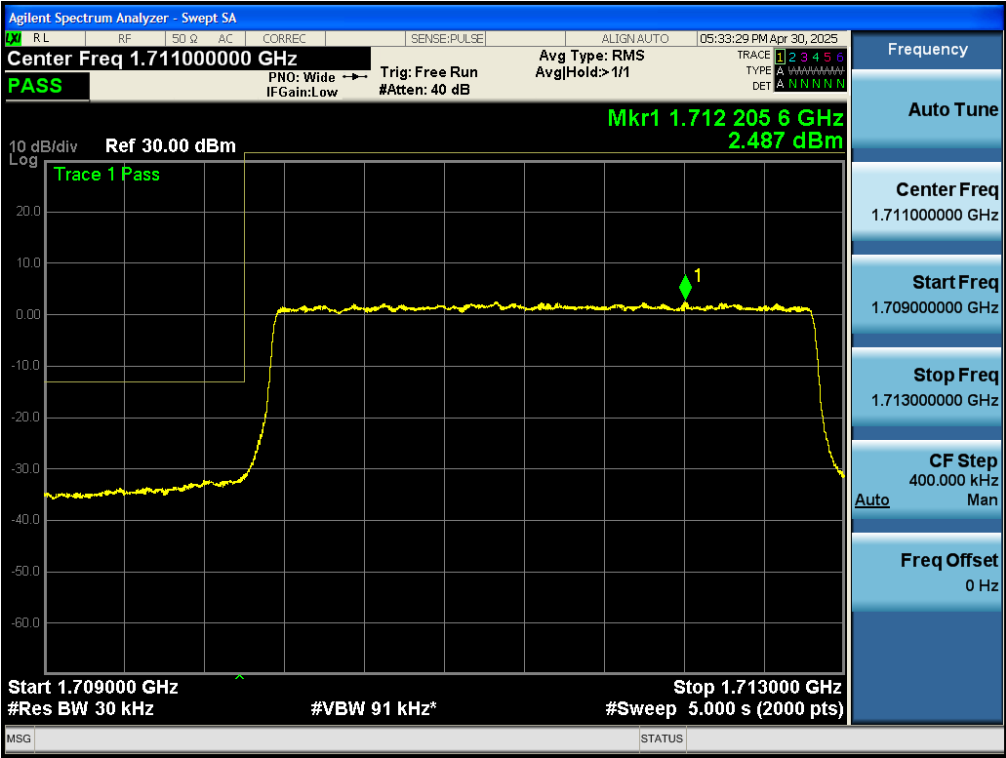
Test_Graph_band66_1779.3MHz_1.4M_16QAM_6RB#LOW_Band edge



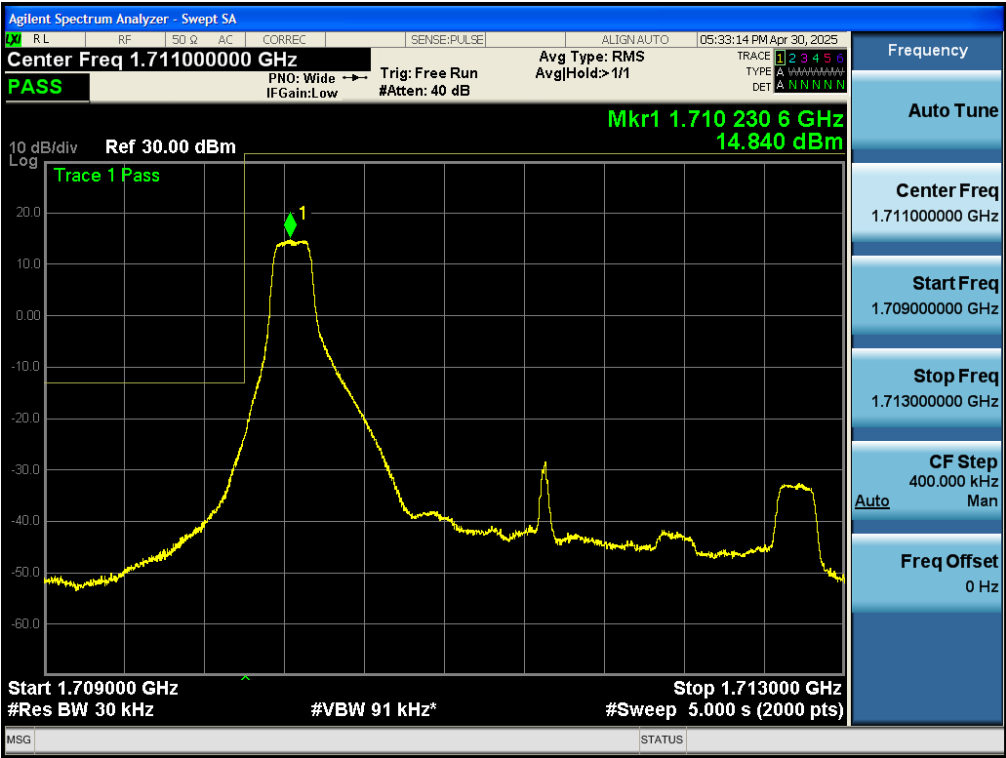
Test_Graph_band66_1779.3MHz_1.4M_QPSK_1RB#HIGH_Band edge



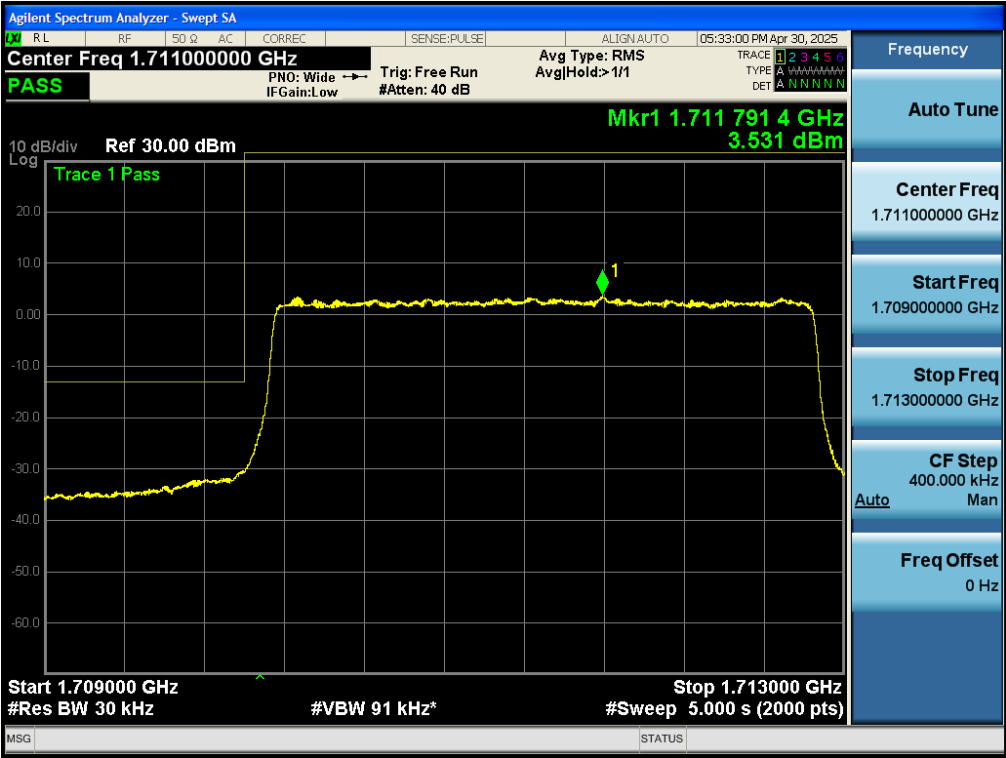
Test_Graph_band66_1779.3MHz_1.4M_QPSK_6RB#LOW_Band edge



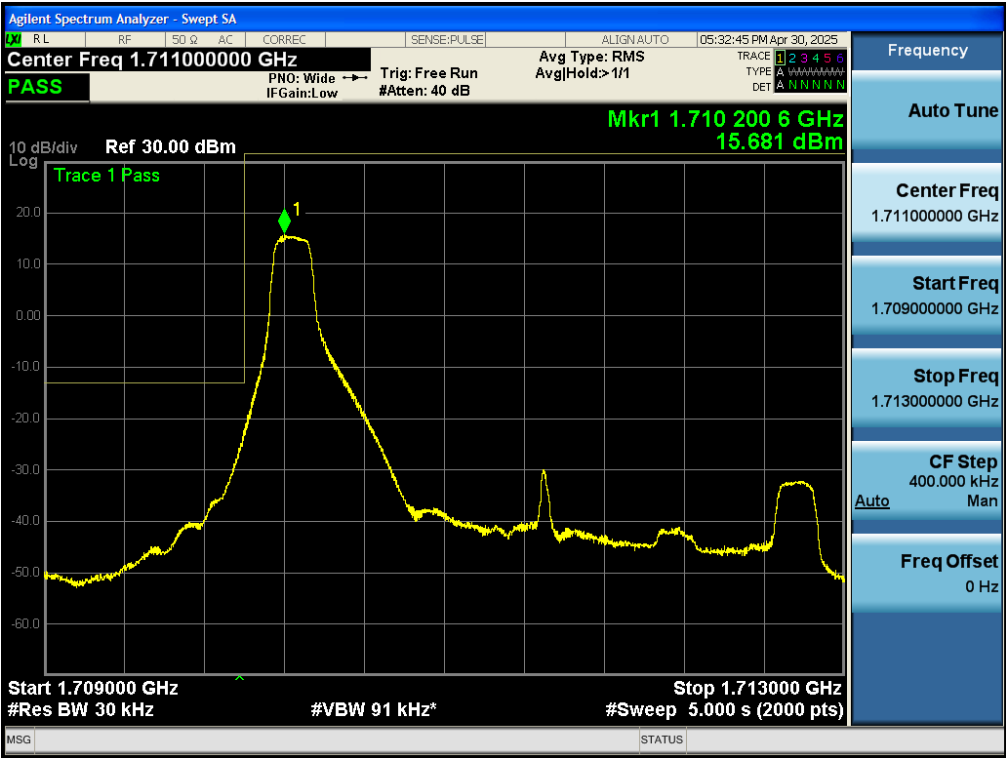
Test_Graph_band66_1711.5MHz_3M_16QAM_15RB#LOW_Band edge



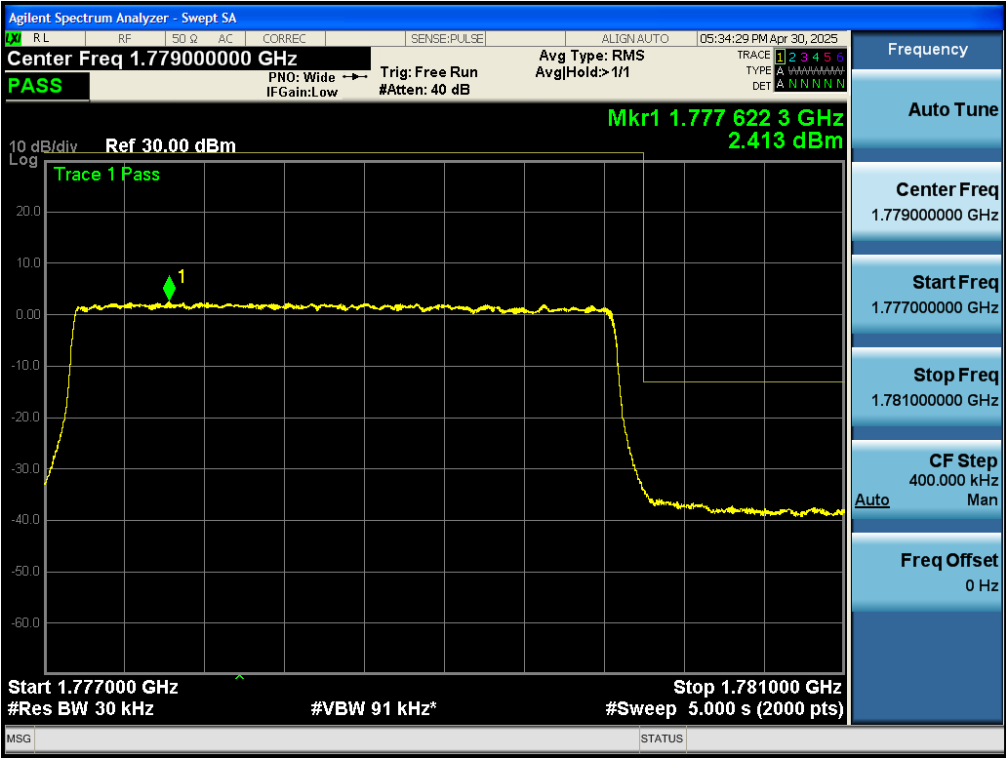
Test_Graph_band66_1711.5MHz_3M_16QAM_1RB#LOW_Band edge



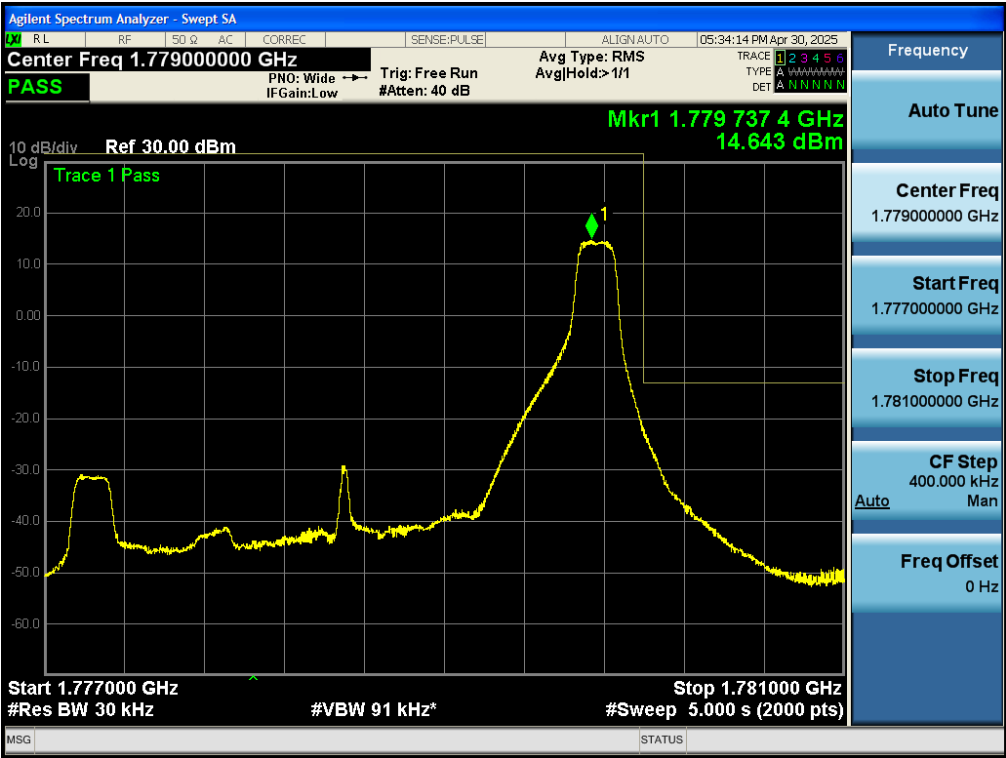
Test_Graph_band66_1711.5MHz_3M_QPSK_15RB#LOW_Band edge



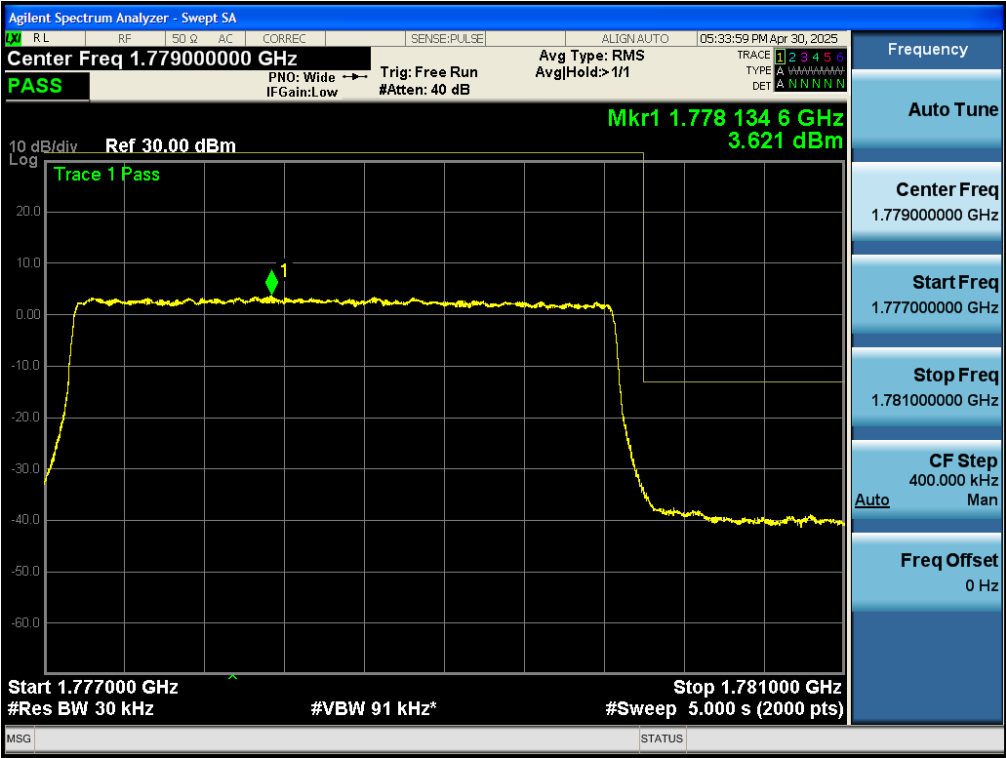
Test_Graph_band66_1711.5MHz_3M_QPSK_1RB#LOW_Band edge



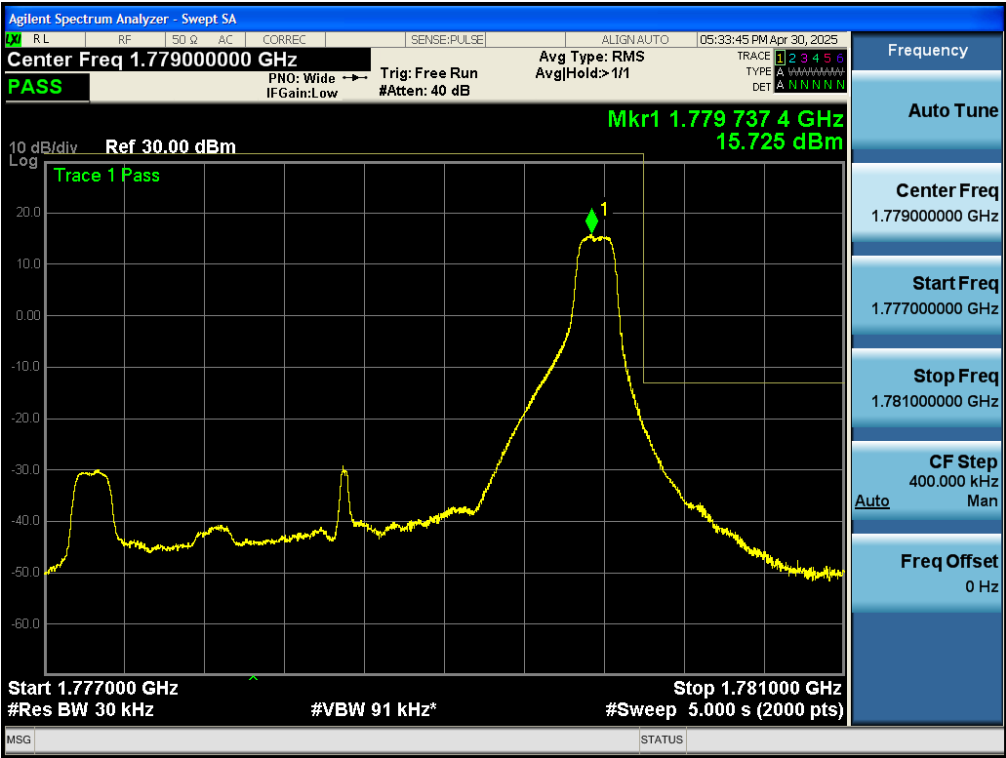
Test_Graph_band66_1778.5MHz_3M_16QAM_15RB#LOW_Band edge



Test_Graph_band66_1778.5MHz_3M_16QAM_1RB#HIGH_Band edge



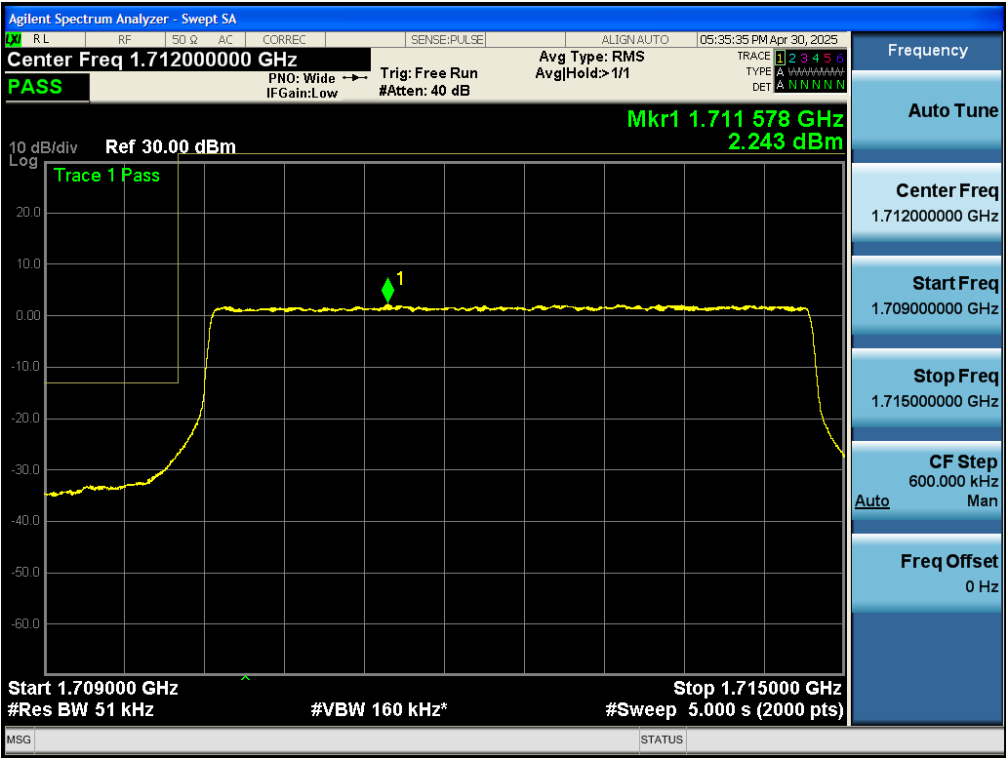
Test_Graph_band66_1778.5MHz_3M_QPSK_15RB#LOW_Band edge



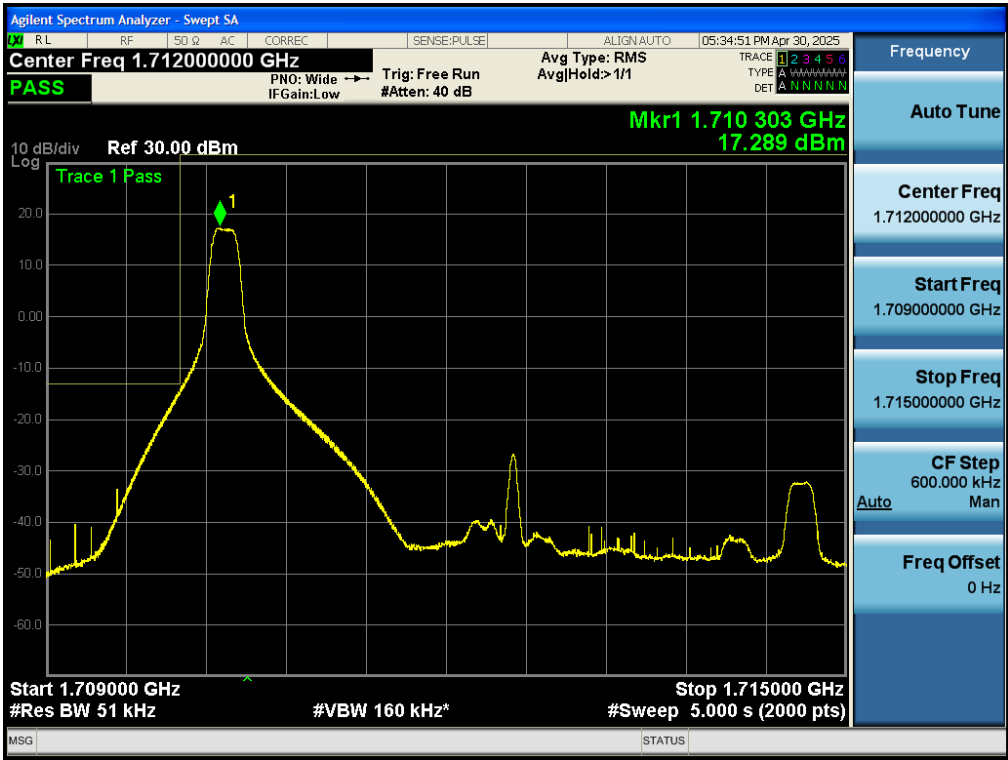
Test_Graph_band66_1778.5MHz_3M_QPSK_1RB#HIGH_Band edge



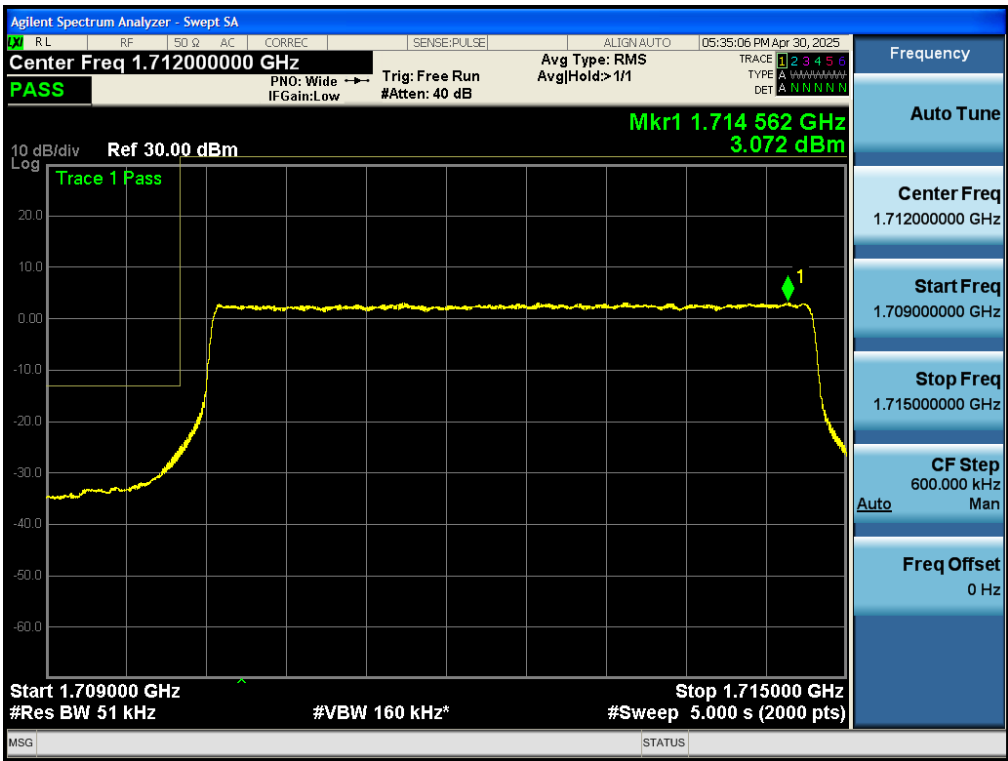
Test_Graph_band66_1712.5MHz_5M_16QAM_1RB#LOW_Band edge



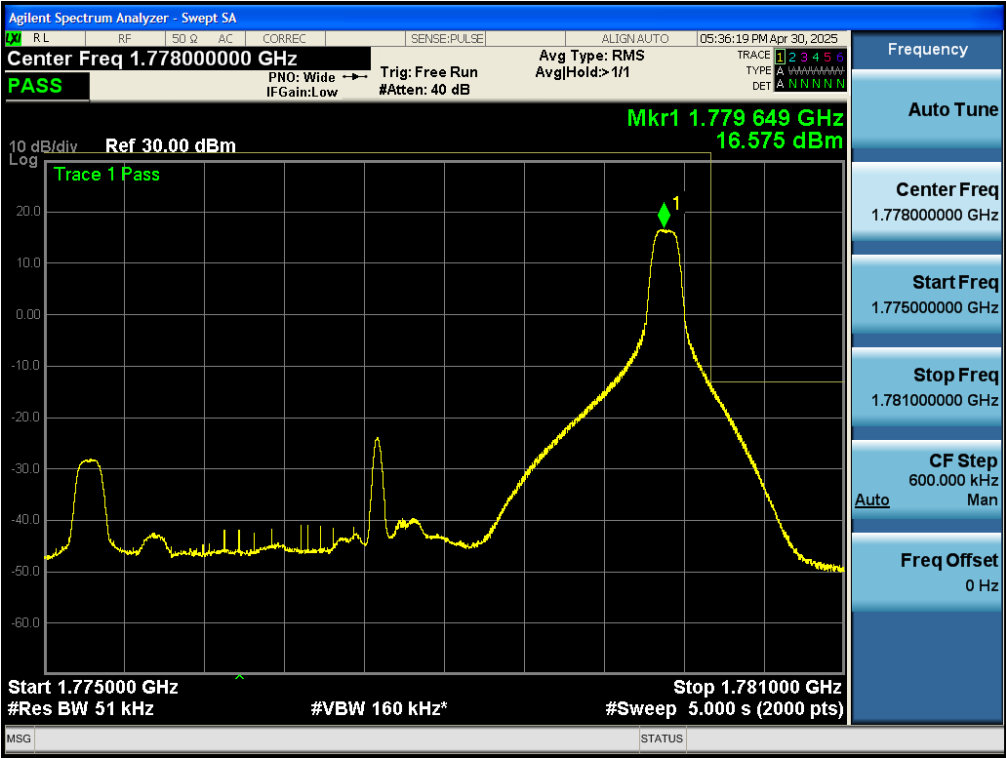
Test_Graph_band66_1712.5MHz_5M_16QAM_25RB#LOW_Band edge



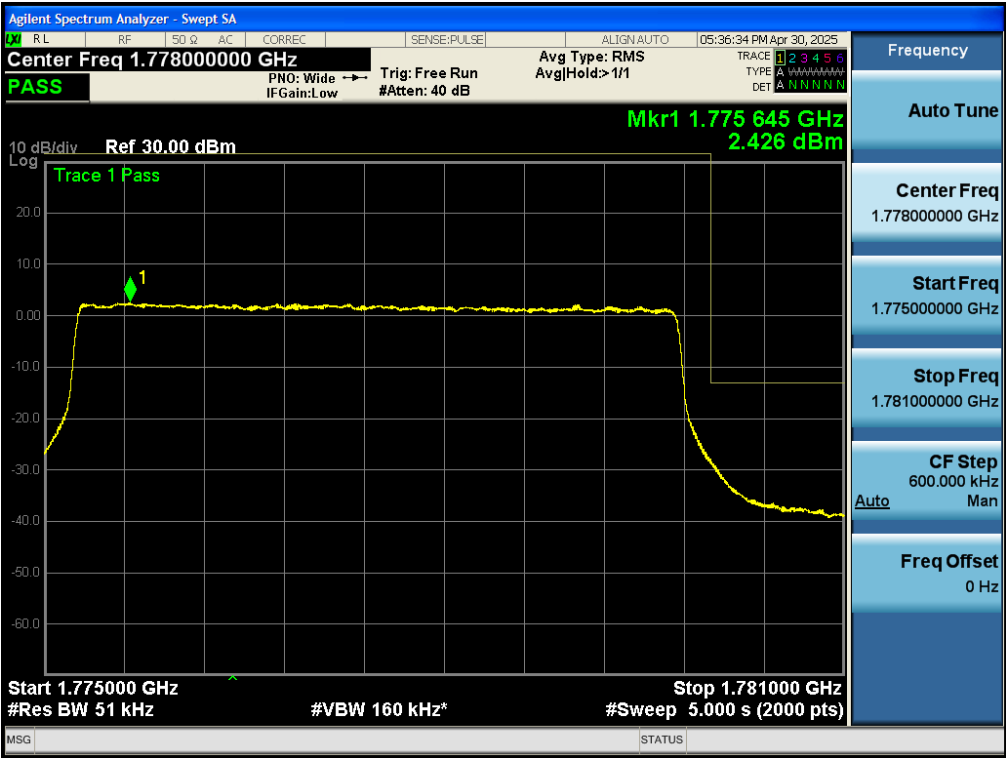
Test_Graph_band66_1712.5MHz_5M_QPSK_1RB#LOW_Band edge



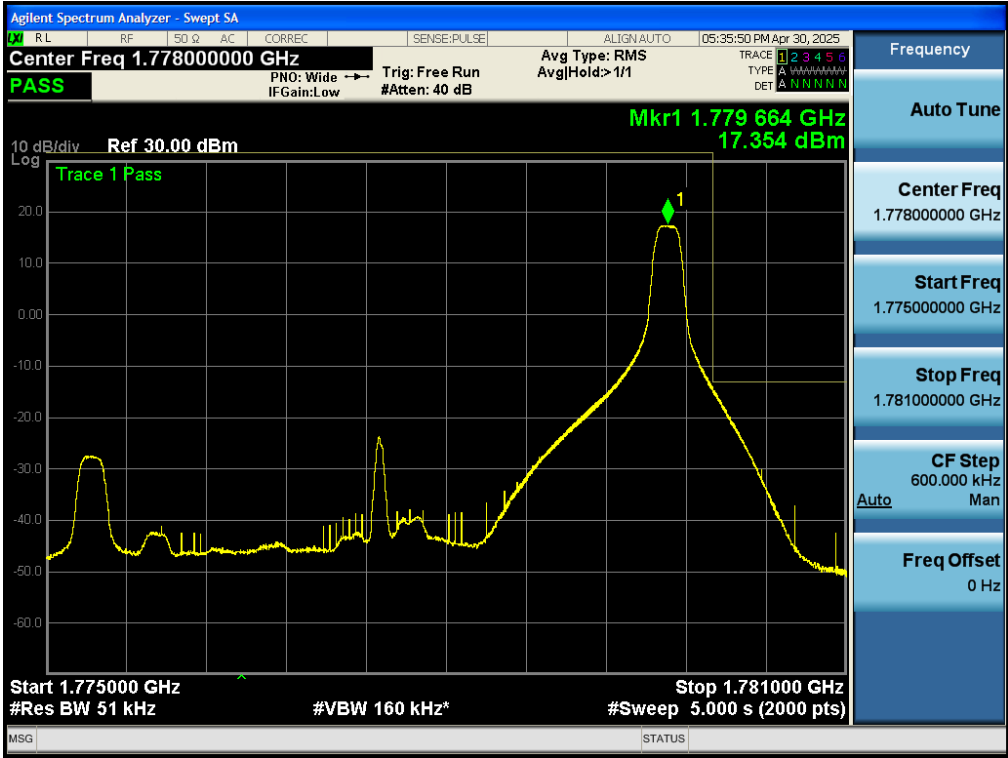
Test_Graph_band66_1712.5MHz_5M_QPSK_25RB#LOW_Band edge



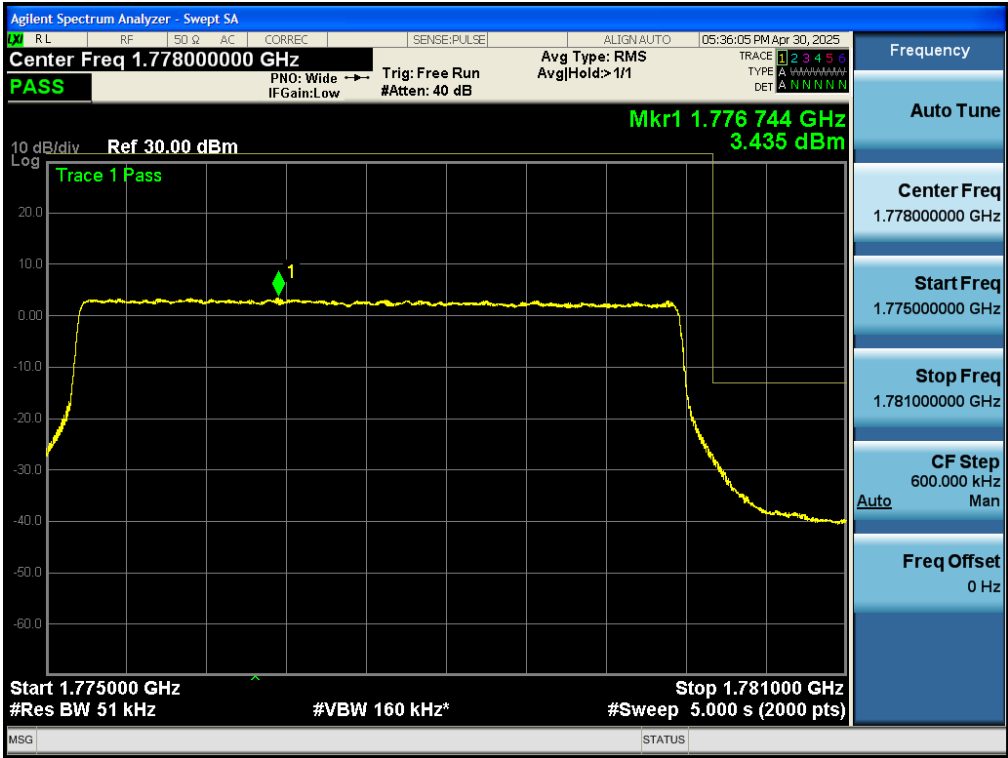
Test_Graph_band66_1777.5MHz_5M_16QAM_1RB#HIGH_Band edge



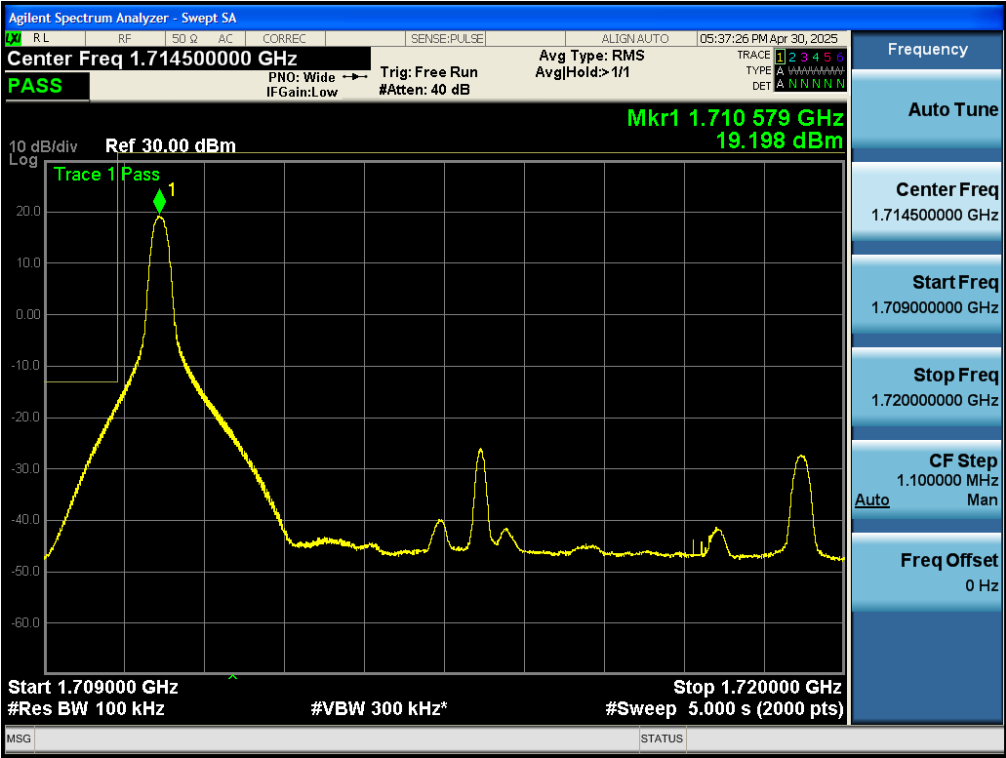
Test_Graph_band66_1777.5MHz_5M_16QAM_25RB#LOW_Band edge



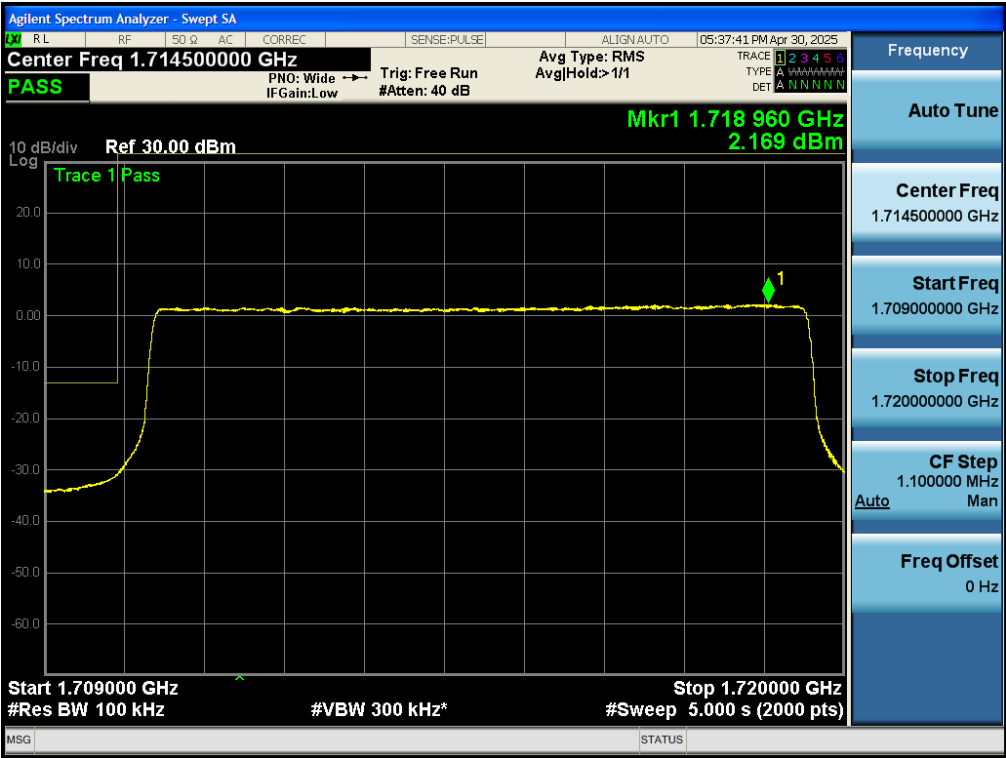
Test_Graph_band66_1777.5MHz_5M_QPSK_1RB#HIGH_Band edge



Test_Graph_band66_1777.5MHz_5M_QPSK_25RB#LOW_Band edge



Test_Graph_band66_1715MHz_10M_16QAM_1RB#LOW_Band edge



Test_Graph_band66_1715MHz_10M_16QAM_50RB#LOW_Band edge