SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Appendix B.45

NR Band n66

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1. Effective (Isotropic) Radiated Power Output Data

1.1 15k_SISO_5MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n66 SCS=15kHz SISO 5MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1712.5	Edge_1RB_Left	22.50	/	/	25.9	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	26.02	/	/	<=30	Pass
		Outer_Full	21.20	/	/	24.6	/	/	<=30	Pass
		Inner_Full	23.16	/	/	26.56	/	/	<=30	Pass
		Inner_1RB_Left	22.94	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	26.51	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.29	/	/	26.69	/	/	<=30	Pass
		Edge_1RB_Right	23.38	/	/	26.78	/	/	<=30	Pass
		Outer_Full	23.35	/	/	26.75	/	/	<=30	Pass
		Inner_Full	23.35	/	/	26.75	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	26.67	/	/	<=30	Pass
		Inner_1RB_Right	23.34	/	/	26.74	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	23.06	/	/	26.46	/	/	<=30	Pass
		Edge_1RB_Right	23.21	/	/	26.61	/	/	<=30	Pass
		Outer_Full	23.14	/	/	26.54	/	/	<=30	Pass
		Inner_Full	23.12	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	26.56	/	/	<=30	Pass
DFT-s-OFDM QPSK	1712.5	Edge_1RB_Left	22.60	/	/	26	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	26.06	/	/	<=30	Pass
		Outer_Full	21.18	/	/	24.58	/	/	<=30	Pass
		Inner_Full	23.12	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	26.67	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.74	/	/	26.14	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	26.28	/	/	<=30	Pass
		Outer_Full	21.34	/	/	24.74	/	/	<=30	Pass
		Inner_Full	23.35	/	/	26.75	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	26.65	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	26.68	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	22.66	/	/	26.06	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	26.09	/	/	<=30	Pass
		Outer_Full	21.16	/	/	24.56	/	/	<=30	Pass
		Inner_Full	23.18	/	/	26.58	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	26.55	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1712.5	Edge_1RB_Left	21.54	/	/	24.94	/	/	<=30	Pass

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		Edge_1RB_Right	21.73	/	/	25.13	/	/	<=30	Pass
		Outer_Full	20.18	/	/	23.58	/	/	<=30	Pass
		Inner_Full	22.76	/	/	26.16	/	/	<=30	Pass
		Inner_1RB_Left	22.54	/	/	25.94	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	26.02	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.82	/	/	25.22	/	/	<=30	Pass
		Edge_1RB_Right	21.89	/	/	25.29	/	/	<=30	Pass
		Outer_Full	20.40	/	/	23.8	/	/	<=30	Pass
		Inner_Full	22.96	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	26.2	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	26.26	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	21.60	/	/	25	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	25.1	/	/	<=30	Pass
		Outer_Full	20.29	/	/	23.69	/	/	<=30	Pass
		Inner_Full	22.79	/	/	26.19	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	26.01	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	26.08	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1712.5	Edge_1RB_Left	21.19	/	/	24.59	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	24.8	/	/	<=30	Pass
		Outer_Full	19.68	/	/	23.08	/	/	<=30	Pass
		Inner_Full	21.24	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Left	21.30	/	/	24.7	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	24.79	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.41	/	/	24.81	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	24.95	/	/	<=30	Pass
		Outer_Full	19.88	/	/	23.28	/	/	<=30	Pass
		Inner_Full	21.42	/	/	24.82	/	/	<=30	Pass
		Inner_1RB_Left	21.45	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Right	21.54	/	/	24.94	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	21.34	/	/	24.74	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	24.8	/	/	<=30	Pass
		Outer_Full	19.70	/	/	23.1	/	/	<=30	Pass
		Inner_Full	21.29	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Left	21.30	/	/	24.7	/	/	<=30	Pass
		Inner_1RB_Right	21.40	/	/	24.8	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1712.5	Edge_1RB_Left	18.55	/	/	21.95	/	/	<=30	Pass
		Edge_1RB_Right	18.67	/	/	22.07	/	/	<=30	Pass
		Outer_Full	19.10	/	/	22.5	/	/	<=30	Pass
		Inner_Full	19.13	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Left	18.56	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	18.71	/	/	22.11	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.80	/	/	22.2	/	/	<=30	Pass
		Edge_1RB_Right	18.90	/	/	22.3	/	/	<=30	Pass
		Outer_Full	19.31	/	/	22.71	/	/	<=30	Pass
		Inner_Full	19.34	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Left	18.74	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	18.84	/	/	22.24	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	18.64	/	/	22.04	/	/	<=30	Pass

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		Edge_1RB_Right	18.63	/	/	22.03	/	/	<=30	Pass
		Outer_Full	19.07	/	/	22.47	/	/	<=30	Pass
		Inner_Full	19.19	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	18.62	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Right	18.69	/	/	22.09	/	/	<=30	Pass
CP-OFDM QPSK	1712.5	Edge_1RB_Left	20.61	/	/	24.01	/	/	<=30	Pass
		Edge_1RB_Right	20.71	/	/	24.11	/	/	<=30	Pass
		Outer_Full	20.66	/	/	24.06	/	/	<=30	Pass
		Inner_Full	22.10	/	/	25.5	/	/	<=30	Pass
		Inner_1RB_Left	21.98	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	25.67	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.78	/	/	24.18	/	/	<=30	Pass
		Edge_1RB_Right	20.94	/	/	24.34	/	/	<=30	Pass
		Outer_Full	20.86	/	/	24.26	/	/	<=30	Pass
		Inner_Full	22.39	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Left	22.21	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	25.83	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.72	/	/	24.12	/	/	<=30	Pass
		Edge_1RB_Right	20.72	/	/	24.12	/	/	<=30	Pass
		Outer_Full	20.68	/	/	24.08	/	/	<=30	Pass
		Inner_Full	22.15	/	/	25.55	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Right	22.06	/	/	25.46	/	/	<=30	Pass
CP-OFDM 16 QAM	1712.5	Edge_1RB_Left	20.50	/	/	23.9	/	/	<=30	Pass
		Edge_1RB_Right	20.67	/	/	24.07	/	/	<=30	Pass
		Outer_Full	19.14	/	/	22.54	/	/	<=30	Pass
		Inner_Full	21.53	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Left	21.67	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Right	21.80	/	/	25.2	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.65	/	/	24.05	/	/	<=30	Pass
		Edge_1RB_Right	20.82	/	/	24.22	/	/	<=30	Pass
		Outer_Full	19.32	/	/	22.72	/	/	<=30	Pass
		Inner_Full	21.76	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Left	21.91	/	/	25.31	/	/	<=30	Pass
		Inner_1RB_Right	21.90	/	/	25.3	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.63	/	/	24.03	/	/	<=30	Pass
		Edge_1RB_Right	20.65	/	/	24.05	/	/	<=30	Pass
		Outer_Full	19.17	/	/	22.57	/	/	<=30	Pass
		Inner_Full	21.60	/	/	25	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Right	21.85	/	/	25.25	/	/	<=30	Pass
CP-OFDM 64 QAM	1712.5	Edge_1RB_Left	20.16	/	/	23.56	/	/	<=30	Pass
		Edge_1RB_Right	20.22	/	/	23.62	/	/	<=30	Pass
		Outer_Full	18.63	/	/	22.03	/	/	<=30	Pass
		Inner_Full	20.21	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	20.13	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Right	20.26	/	/	23.66	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.36	/	/	23.76	/	/	<=30	Pass

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		Edge_1RB_Right	20.42	/	/	23.82	/	/	<=30	Pass
		Outer_Full	18.81	/	/	22.21	/	/	<=30	Pass
		Inner_Full	20.36	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	20.32	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Right	20.36	/	/	23.76	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	20.25	/	/	23.65	/	/	<=30	Pass
		Edge_1RB_Right	20.31	/	/	23.71	/	/	<=30	Pass
		Outer_Full	18.69	/	/	22.09	/	/	<=30	Pass
		Inner_Full	20.17	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Left	20.25	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Right	20.28	/	/	23.68	/	/	<=30	Pass
CP-OFDM 256 QAM	1712.5	Edge_1RB_Left	16.72	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	16.81	/	/	20.21	/	/	<=30	Pass
		Outer_Full	17.17	/	/	20.57	/	/	<=30	Pass
		Inner_Full	17.17	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	16.69	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Right	16.69	/	/	20.09	/	/	<=30	Pass
	1745	Edge_1RB_Left	16.86	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	16.87	/	/	20.27	/	/	<=30	Pass
		Outer_Full	17.29	/	/	20.69	/	/	<=30	Pass
		Inner_Full	17.30	/	/	20.7	/	/	<=30	Pass
		Inner_1RB_Left	16.80	/	/	20.2	/	/	<=30	Pass
		Inner_1RB_Right	16.90	/	/	20.3	/	/	<=30	Pass
	1777.5	Edge_1RB_Left	16.75	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	16.71	/	/	20.11	/	/	<=30	Pass
		Outer_Full	17.25	/	/	20.65	/	/	<=30	Pass
		Inner_Full	17.26	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Left	16.70	/	/	20.1	/	/	<=30	Pass
		Inner_1RB_Right	16.77	/	/	20.17	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 3.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.2 15k_SISO_10MHz_NTNV_EIRP

1.2.1 Test Result

5G NR n66 SCS=15kHz SISO 10MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1715	Edge_1RB_Left	23.29	/	/	26.69	/	/	<=30	Pass
		Edge_1RB_Right	23.39	/	/	26.79	/	/	<=30	Pass
		Outer_Full	23.29	/	/	26.69	/	/	<=30	Pass
		Inner_Full	23.32	/	/	26.72	/	/	<=30	Pass
		Inner_1RB_Left	23.21	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	26.73	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.26	/	/	26.66	/	/	<=30	Pass

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		Edge_1RB_Right	23.40	/	/	26.8	/	/	<=30	Pass
		Outer_Full	23.29	/	/	26.69	/	/	<=30	Pass
		Inner_Full	23.37	/	/	26.77	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	26.65	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	26.86	/	/	<=30	Pass
	1775	Edge_1RB_Left	23.11	/	/	26.51	/	/	<=30	Pass
		Edge_1RB_Right	23.25	/	/	26.65	/	/	<=30	Pass
		Outer_Full	23.13	/	/	26.53	/	/	<=30	Pass
		Inner_Full	23.14	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	26.53	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	26.6	/	/	<=30	Pass
DFT-s-OFDM QPSK	1715	Edge_1RB_Left	22.77	/	/	26.17	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	26.34	/	/	<=30	Pass
		Outer_Full	21.30	/	/	24.7	/	/	<=30	Pass
		Inner_Full	23.31	/	/	26.71	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	26.62	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	26.71	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.71	/	/	26.11	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	26.31	/	/	<=30	Pass
		Outer_Full	21.33	/	/	24.73	/	/	<=30	Pass
		Inner_Full	23.35	/	/	26.75	/	/	<=30	Pass
		Inner_1RB_Left	23.26	/	/	26.66	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	26.83	/	/	<=30	Pass
	1775	Edge_1RB_Left	22.60	/	/	26	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	26.1	/	/	<=30	Pass
		Outer_Full	21.20	/	/	24.6	/	/	<=30	Pass
		Inner_Full	23.14	/	/	26.54	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	26.56	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	26.6	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1715	Edge_1RB_Left	21.63	/	/	25.03	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	25.24	/	/	<=30	Pass
		Outer_Full	20.25	/	/	23.65	/	/	<=30	Pass
		Inner_Full	22.89	/	/	26.29	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	26.04	/	/	<=30	Pass
		Inner_1RB_Right	22.77	/	/	26.17	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.73	/	/	25.13	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	25.34	/	/	<=30	Pass
		Outer_Full	20.32	/	/	23.72	/	/	<=30	Pass
		Inner_Full	22.85	/	/	26.25	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	26.09	/	/	<=30	Pass
		Inner_1RB_Right	22.90	/	/	26.3	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.64	/	/	25.04	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	25.15	/	/	<=30	Pass
		Outer_Full	20.22	/	/	23.62	/	/	<=30	Pass
		Inner_Full	22.65	/	/	26.05	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Right	22.64	/	/	26.04	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1715	Edge_1RB_Left	21.42	/	/	24.82	/	/	<=30	Pass

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		Edge_1RB_Right	21.61	/	/	25.01	/	/	<=30	Pass
		Outer_Full	19.84	/	/	23.24	/	/	<=30	Pass
		Inner_Full	21.30	/	/	24.7	/	/	<=30	Pass
		Inner_1RB_Left	21.48	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	21.61	/	/	25.01	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.44	/	/	24.84	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	24.98	/	/	<=30	Pass
		Outer_Full	19.89	/	/	23.29	/	/	<=30	Pass
		Inner_Full	21.41	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Left	21.51	/	/	24.91	/	/	<=30	Pass
		Inner_1RB_Right	21.64	/	/	25.04	/	/	<=30	Pass
	1775	Edge_1RB_Left	21.22	/	/	24.62	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	24.69	/	/	<=30	Pass
		Outer_Full	19.76	/	/	23.16	/	/	<=30	Pass
		Inner_Full	21.21	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	21.24	/	/	24.64	/	/	<=30	Pass
		Inner_1RB_Right	21.41	/	/	24.81	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1715	Edge_1RB_Left	18.75	/	/	22.15	/	/	<=30	Pass
		Edge_1RB_Right	18.98	/	/	22.38	/	/	<=30	Pass
		Outer_Full	19.32	/	/	22.72	/	/	<=30	Pass
		Inner_Full	19.41	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Left	18.69	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Right	18.91	/	/	22.31	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.71	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	18.83	/	/	22.23	/	/	<=30	Pass
		Outer_Full	19.23	/	/	22.63	/	/	<=30	Pass
		Inner_Full	19.33	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	18.71	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	18.91	/	/	22.31	/	/	<=30	Pass
	1775	Edge_1RB_Left	18.70	/	/	22.1	/	/	<=30	Pass
		Edge_1RB_Right	18.73	/	/	22.13	/	/	<=30	Pass
		Outer_Full	19.10	/	/	22.5	/	/	<=30	Pass
		Inner_Full	19.12	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	18.69	/	/	22.09	/	/	<=30	Pass
		Inner_1RB_Right	18.73	/	/	22.13	/	/	<=30	Pass
CP-OFDM QPSK	1715	Edge_1RB_Left	20.75	/	/	24.15	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	24.38	/	/	<=30	Pass
		Outer_Full	20.82	/	/	24.22	/	/	<=30	Pass
		Inner_Full	22.43	/	/	25.83	/	/	<=30	Pass
		Inner_1RB_Left	22.07	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Right	22.23	/	/	25.63	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.88	/	/	24.28	/	/	<=30	Pass
		Edge_1RB_Right	20.85	/	/	24.25	/	/	<=30	Pass
		Outer_Full	20.80	/	/	24.2	/	/	<=30	Pass
		Inner_Full	22.27	/	/	25.67	/	/	<=30	Pass
		Inner_1RB_Left	22.14	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Right	22.32	/	/	25.72	/	/	<=30	Pass
	1775	Edge_1RB_Left	20.57	/	/	23.97	/	/	<=30	Pass

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		Edge_1RB_Right	20.63	/	/	24.03	/	/	<=30	Pass
		Outer_Full	20.70	/	/	24.1	/	/	<=30	Pass
		Inner_Full	22.12	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Left	22.00	/	/	25.4	/	/	<=30	Pass
		Inner_1RB_Right	22.06	/	/	25.46	/	/	<=30	Pass
CP-OFDM 16 QAM	1715	Edge_1RB_Left	20.65	/	/	24.05	/	/	<=30	Pass
		Edge_1RB_Right	20.86	/	/	24.26	/	/	<=30	Pass
		Outer_Full	19.25	/	/	22.65	/	/	<=30	Pass
		Inner_Full	21.84	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Left	21.82	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Right	21.94	/	/	25.34	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.74	/	/	24.14	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	24.29	/	/	<=30	Pass
		Outer_Full	19.28	/	/	22.68	/	/	<=30	Pass
		Inner_Full	21.84	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Left	21.77	/	/	25.17	/	/	<=30	Pass
		Inner_1RB_Right	21.99	/	/	25.39	/	/	<=30	Pass
	1775	Edge_1RB_Left	20.61	/	/	24.01	/	/	<=30	Pass
		Edge_1RB_Right	20.69	/	/	24.09	/	/	<=30	Pass
		Outer_Full	19.20	/	/	22.6	/	/	<=30	Pass
		Inner_Full	21.68	/	/	25.08	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	25.11	/	/	<=30	Pass
		Inner_1RB_Right	21.77	/	/	25.17	/	/	<=30	Pass
CP-OFDM 64 QAM	1715	Edge_1RB_Left	20.23	/	/	23.63	/	/	<=30	Pass
		Edge_1RB_Right	20.40	/	/	23.8	/	/	<=30	Pass
		Outer_Full	18.84	/	/	22.24	/	/	<=30	Pass
		Inner_Full	20.33	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	20.20	/	/	23.6	/	/	<=30	Pass
		Inner_1RB_Right	20.40	/	/	23.8	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.27	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	20.49	/	/	23.89	/	/	<=30	Pass
		Outer_Full	18.89	/	/	22.29	/	/	<=30	Pass
		Inner_Full	20.42	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	20.25	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Right	20.44	/	/	23.84	/	/	<=30	Pass
	1775	Edge_1RB_Left	20.15	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	23.64	/	/	<=30	Pass
		Outer_Full	18.69	/	/	22.09	/	/	<=30	Pass
		Inner_Full	20.20	/	/	23.6	/	/	<=30	Pass
		Inner_1RB_Left	20.11	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Right	20.22	/	/	23.62	/	/	<=30	Pass
CP-OFDM 256 QAM	1715	Edge_1RB_Left	16.87	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	17.03	/	/	20.43	/	/	<=30	Pass
		Outer_Full	17.37	/	/	20.77	/	/	<=30	Pass
		Inner_Full	17.37	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Left	16.75	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Right	16.97	/	/	20.37	/	/	<=30	Pass
	1745	Edge_1RB_Left	16.89	/	/	20.29	/	/	<=30	Pass

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		Edge_1RB_Right	17.01	/	/	20.41	/	/	<=30	Pass
		Outer_Full	17.23	/	/	20.63	/	/	<=30	Pass
		Inner_Full	17.38	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	16.82	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Right	17.09	/	/	20.49	/	/	<=30	Pass
	1775	Edge_1RB_Left	16.67	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	16.77	/	/	20.17	/	/	<=30	Pass
		Outer_Full	17.15	/	/	20.55	/	/	<=30	Pass
		Inner_Full	17.15	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Left	16.67	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Right	16.74	/	/	20.14	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 3.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.3 15k_SISO_15MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n66 SCS=15kHz SISO 15MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1717.5	Edge_1RB_Left	23.05	/	/	26.45	/	/	<=30	Pass
		Edge_1RB_Right	23.21	/	/	26.61	/	/	<=30	Pass
		Outer_Full	23.20	/	/	26.6	/	/	<=30	Pass
		Inner_Full	23.22	/	/	26.62	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	26.36	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	26.63	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.13	/	/	26.53	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	26.76	/	/	<=30	Pass
		Outer_Full	23.36	/	/	26.76	/	/	<=30	Pass
		Inner_Full	23.33	/	/	26.73	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	26.57	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	26.79	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	23.08	/	/	26.48	/	/	<=30	Pass
		Edge_1RB_Right	23.08	/	/	26.48	/	/	<=30	Pass
		Outer_Full	22.97	/	/	26.37	/	/	<=30	Pass
		Inner_Full	22.95	/	/	26.35	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	26.47	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	26.44	/	/	<=30	Pass
DFT-s-OFDM QPSK	1717.5	Edge_1RB_Left	22.67	/	/	26.07	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	26.18	/	/	<=30	Pass
		Outer_Full	21.23	/	/	24.63	/	/	<=30	Pass
		Inner_Full	23.16	/	/	26.56	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	26.48	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	26.69	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.72	/	/	26.12	/	/	<=30	Pass

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		Edge_1RB_Right	22.89	/	/	26.29	/	/	<=30	Pass
		Outer_Full	21.28	/	/	24.68	/	/	<=30	Pass
		Inner_Full	23.22	/	/	26.62	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	26.56	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	26.75	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	22.56	/	/	25.96	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	25.93	/	/	<=30	Pass
		Outer_Full	21.03	/	/	24.43	/	/	<=30	Pass
		Inner_Full	22.94	/	/	26.34	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	26.46	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	26.43	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1717.5	Edge_1RB_Left	21.48	/	/	24.88	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	25.18	/	/	<=30	Pass
		Outer_Full	20.24	/	/	23.64	/	/	<=30	Pass
		Inner_Full	22.72	/	/	26.12	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	25.91	/	/	<=30	Pass
		Inner_1RB_Right	22.70	/	/	26.1	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.53	/	/	24.93	/	/	<=30	Pass
		Edge_1RB_Right	21.91	/	/	25.31	/	/	<=30	Pass
		Outer_Full	20.28	/	/	23.68	/	/	<=30	Pass
		Inner_Full	22.77	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	26.09	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	25.99	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.41	/	/	24.81	/	/	<=30	Pass
		Edge_1RB_Right	21.58	/	/	24.98	/	/	<=30	Pass
		Outer_Full	20.07	/	/	23.47	/	/	<=30	Pass
		Inner_Full	22.52	/	/	25.92	/	/	<=30	Pass
		Inner_1RB_Left	22.38	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Right	22.45	/	/	25.85	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1717.5	Edge_1RB_Left	21.24	/	/	24.64	/	/	<=30	Pass
		Edge_1RB_Right	21.43	/	/	24.83	/	/	<=30	Pass
		Outer_Full	19.80	/	/	23.2	/	/	<=30	Pass
		Inner_Full	21.26	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	21.23	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Right	21.43	/	/	24.83	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.36	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Right	21.57	/	/	24.97	/	/	<=30	Pass
		Outer_Full	19.81	/	/	23.21	/	/	<=30	Pass
		Inner_Full	21.23	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Left	21.34	/	/	24.74	/	/	<=30	Pass
		Inner_1RB_Right	21.57	/	/	24.97	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	21.21	/	/	24.61	/	/	<=30	Pass
		Edge_1RB_Right	21.26	/	/	24.66	/	/	<=30	Pass
		Outer_Full	19.61	/	/	23.01	/	/	<=30	Pass
		Inner_Full	21.07	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Left	21.15	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Right	21.29	/	/	24.69	/	/	<=30	Pass
DFT-s-OFDM 256	1717.5	Edge_1RB_Left	18.43	/	/	21.83	/	/	<=30	Pass

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QAM		Edge_1RB_Right	18.65	/	/	22.05	/	/	<=30	Pass
		Outer_Full	19.17	/	/	22.57	/	/	<=30	Pass
		Inner_Full	19.12	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Left	18.47	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	18.72	/	/	22.12	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.60	/	/	22	/	/	<=30	Pass
		Edge_1RB_Right	18.80	/	/	22.2	/	/	<=30	Pass
		Outer_Full	19.32	/	/	22.72	/	/	<=30	Pass
		Inner_Full	19.19	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	18.61	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	18.78	/	/	22.18	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	18.57	/	/	21.97	/	/	<=30	Pass
		Edge_1RB_Right	18.60	/	/	22	/	/	<=30	Pass
		Outer_Full	18.92	/	/	22.32	/	/	<=30	Pass
		Inner_Full	18.90	/	/	22.3	/	/	<=30	Pass
		Inner_1RB_Left	18.60	/	/	22	/	/	<=30	Pass
		Inner_1RB_Right	18.59	/	/	21.99	/	/	<=30	Pass
CP-OFDM QPSK	1717.5	Edge_1RB_Left	20.50	/	/	23.9	/	/	<=30	Pass
		Edge_1RB_Right	20.80	/	/	24.2	/	/	<=30	Pass
		Outer_Full	20.68	/	/	24.08	/	/	<=30	Pass
		Inner_Full	22.16	/	/	25.56	/	/	<=30	Pass
		Inner_1RB_Left	21.96	/	/	25.36	/	/	<=30	Pass
		Inner_1RB_Right	22.21	/	/	25.61	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.78	/	/	24.18	/	/	<=30	Pass
		Edge_1RB_Right	20.94	/	/	24.34	/	/	<=30	Pass
		Outer_Full	20.74	/	/	24.14	/	/	<=30	Pass
		Inner_Full	22.26	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Left	22.19	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Right	22.35	/	/	25.75	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.64	/	/	24.04	/	/	<=30	Pass
		Edge_1RB_Right	20.54	/	/	23.94	/	/	<=30	Pass
		Outer_Full	20.52	/	/	23.92	/	/	<=30	Pass
		Inner_Full	21.90	/	/	25.3	/	/	<=30	Pass
		Inner_1RB_Left	22.01	/	/	25.41	/	/	<=30	Pass
		Inner_1RB_Right	21.99	/	/	25.39	/	/	<=30	Pass
CP-OFDM 16 QAM	1717.5	Edge_1RB_Left	20.64	/	/	24.04	/	/	<=30	Pass
		Edge_1RB_Right	20.82	/	/	24.22	/	/	<=30	Pass
		Outer_Full	19.17	/	/	22.57	/	/	<=30	Pass
		Inner_Full	21.75	/	/	25.15	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	25.03	/	/	<=30	Pass
		Inner_1RB_Right	21.82	/	/	25.22	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.77	/	/	24.17	/	/	<=30	Pass
		Edge_1RB_Right	20.89	/	/	24.29	/	/	<=30	Pass
		Outer_Full	19.22	/	/	22.62	/	/	<=30	Pass
		Inner_Full	21.83	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	21.73	/	/	25.13	/	/	<=30	Pass
		Inner_1RB_Right	21.81	/	/	25.21	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.53	/	/	23.93	/	/	<=30	Pass

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		Edge_1RB_Right	20.52	/	/	23.92	/	/	<=30	Pass
		Outer_Full	19.00	/	/	22.4	/	/	<=30	Pass
		Inner_Full	21.58	/	/	24.98	/	/	<=30	Pass
		Inner_1RB_Left	21.71	/	/	25.11	/	/	<=30	Pass
		Inner_1RB_Right	21.59	/	/	24.99	/	/	<=30	Pass
CP-OFDM 64 QAM	1717.5	Edge_1RB_Left	20.15	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	20.31	/	/	23.71	/	/	<=30	Pass
		Outer_Full	18.65	/	/	22.05	/	/	<=30	Pass
		Inner_Full	20.23	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	20.08	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	20.24	/	/	23.64	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.27	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	20.51	/	/	23.91	/	/	<=30	Pass
		Outer_Full	18.71	/	/	22.11	/	/	<=30	Pass
		Inner_Full	20.24	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Left	20.26	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Right	20.53	/	/	23.93	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	20.00	/	/	23.4	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	23.49	/	/	<=30	Pass
		Outer_Full	18.46	/	/	21.86	/	/	<=30	Pass
		Inner_Full	19.98	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	20.08	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	20.12	/	/	23.52	/	/	<=30	Pass
CP-OFDM 256 QAM	1717.5	Edge_1RB_Left	16.59	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	16.84	/	/	20.24	/	/	<=30	Pass
		Outer_Full	17.23	/	/	20.63	/	/	<=30	Pass
		Inner_Full	17.18	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Left	16.61	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Right	16.83	/	/	20.23	/	/	<=30	Pass
	1745	Edge_1RB_Left	16.87	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	16.93	/	/	20.33	/	/	<=30	Pass
		Outer_Full	17.33	/	/	20.73	/	/	<=30	Pass
		Inner_Full	17.32	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Left	16.85	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Right	16.92	/	/	20.32	/	/	<=30	Pass
	1772.5	Edge_1RB_Left	16.54	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	16.66	/	/	20.06	/	/	<=30	Pass
		Outer_Full	17.00	/	/	20.4	/	/	<=30	Pass
		Inner_Full	16.91	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Left	16.64	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Right	16.60	/	/	20	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 3.40dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.4 15k_SISO_20MHz_NTNV_EIRP

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1.4.1 Test Result

5G NR n66 SCS=15kHz SISO 20MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1720	Edge_1RB_Left	23.03	/	/	26.43	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	26.62	/	/	<=30	Pass
		Outer_Full	23.16	/	/	26.56	/	/	<=30	Pass
		Inner_Full	23.25	/	/	26.65	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	26.35	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	26.58	/	/	<=30	Pass
	1745	Edge_1RB_Left	23.14	/	/	26.54	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	26.73	/	/	<=30	Pass
		Outer_Full	23.25	/	/	26.65	/	/	<=30	Pass
		Inner_Full	23.22	/	/	26.62	/	/	<=30	Pass
		Inner_1RB_Left	23.18	/	/	26.58	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	26.7	/	/	<=30	Pass
	1770	Edge_1RB_Left	23.21	/	/	26.61	/	/	<=30	Pass
		Edge_1RB_Right	23.11	/	/	26.51	/	/	<=30	Pass
		Outer_Full	23.17	/	/	26.57	/	/	<=30	Pass
		Inner_Full	23.02	/	/	26.42	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	26.59	/	/	<=30	Pass
		Inner_1RB_Right	23.08	/	/	26.48	/	/	<=30	Pass
DFT-s-OFDM QPSK	1720	Edge_1RB_Left	22.54	/	/	25.94	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	26.09	/	/	<=30	Pass
		Outer_Full	21.17	/	/	24.57	/	/	<=30	Pass
		Inner_Full	23.20	/	/	26.6	/	/	<=30	Pass
		Inner_1RB_Left	23.07	/	/	26.47	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	26.55	/	/	<=30	Pass
	1745	Edge_1RB_Left	22.63	/	/	26.03	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	26.22	/	/	<=30	Pass
		Outer_Full	21.20	/	/	24.6	/	/	<=30	Pass
		Inner_Full	23.21	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Left	23.13	/	/	26.53	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	26.71	/	/	<=30	Pass
	1770	Edge_1RB_Left	22.72	/	/	26.12	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	26.11	/	/	<=30	Pass
		Outer_Full	21.16	/	/	24.56	/	/	<=30	Pass
		Inner_Full	23.02	/	/	26.42	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	26.59	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	26.51	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1720	Edge_1RB_Left	21.48	/	/	24.88	/	/	<=30	Pass
		Edge_1RB_Right	21.60	/	/	25	/	/	<=30	Pass
		Outer_Full	20.17	/	/	23.57	/	/	<=30	Pass
		Inner_Full	22.66	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	25.91	/	/	<=30	Pass
		Inner_1RB_Right	22.62	/	/	26.02	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.64	/	/	25.04	/	/	<=30	Pass

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		Edge_1RB_Right	21.85	/	/	25.25	/	/	<=30	Pass
		Outer_Full	20.22	/	/	23.62	/	/	<=30	Pass
		Inner_Full	22.74	/	/	26.14	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	25.97	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	26.05	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.70	/	/	25.1	/	/	<=30	Pass
		Edge_1RB_Right	21.52	/	/	24.92	/	/	<=30	Pass
		Outer_Full	20.10	/	/	23.5	/	/	<=30	Pass
		Inner_Full	22.55	/	/	25.95	/	/	<=30	Pass
		Inner_1RB_Left	22.67	/	/	26.07	/	/	<=30	Pass
		Inner_1RB_Right	22.52	/	/	25.92	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1720	Edge_1RB_Left	21.23	/	/	24.63	/	/	<=30	Pass
		Edge_1RB_Right	21.31	/	/	24.71	/	/	<=30	Pass
		Outer_Full	19.74	/	/	23.14	/	/	<=30	Pass
		Inner_Full	21.20	/	/	24.6	/	/	<=30	Pass
		Inner_1RB_Left	21.21	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Right	21.38	/	/	24.78	/	/	<=30	Pass
	1745	Edge_1RB_Left	21.39	/	/	24.79	/	/	<=30	Pass
		Edge_1RB_Right	21.54	/	/	24.94	/	/	<=30	Pass
		Outer_Full	19.80	/	/	23.2	/	/	<=30	Pass
		Inner_Full	21.27	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	21.38	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	21.52	/	/	24.92	/	/	<=30	Pass
	1770	Edge_1RB_Left	21.36	/	/	24.76	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	24.67	/	/	<=30	Pass
		Outer_Full	19.67	/	/	23.07	/	/	<=30	Pass
		Inner_Full	21.10	/	/	24.5	/	/	<=30	Pass
		Inner_1RB_Left	21.35	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Right	21.32	/	/	24.72	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1720	Edge_1RB_Left	18.49	/	/	21.89	/	/	<=30	Pass
		Edge_1RB_Right	18.61	/	/	22.01	/	/	<=30	Pass
		Outer_Full	19.19	/	/	22.59	/	/	<=30	Pass
		Inner_Full	19.18	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	18.49	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Right	18.63	/	/	22.03	/	/	<=30	Pass
	1745	Edge_1RB_Left	18.72	/	/	22.12	/	/	<=30	Pass
		Edge_1RB_Right	18.87	/	/	22.27	/	/	<=30	Pass
		Outer_Full	19.30	/	/	22.7	/	/	<=30	Pass
		Inner_Full	19.28	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Left	18.68	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Right	18.83	/	/	22.23	/	/	<=30	Pass
	1770	Edge_1RB_Left	18.61	/	/	22.01	/	/	<=30	Pass
		Edge_1RB_Right	18.57	/	/	21.97	/	/	<=30	Pass
		Outer_Full	19.15	/	/	22.55	/	/	<=30	Pass
		Inner_Full	19.08	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	18.64	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	18.55	/	/	21.95	/	/	<=30	Pass
CP-OFDM QPSK	1720	Edge_1RB_Left	20.55	/	/	23.95	/	/	<=30	Pass

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		Edge_1RB_Right	20.70	/	/	24.1	/	/	<=30	Pass
		Outer_Full	20.65	/	/	24.05	/	/	<=30	Pass
		Inner_Full	22.12	/	/	25.52	/	/	<=30	Pass
		Inner_1RB_Left	22.03	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Right	22.05	/	/	25.45	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.81	/	/	24.21	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	24.37	/	/	<=30	Pass
		Outer_Full	20.89	/	/	24.29	/	/	<=30	Pass
		Inner_Full	22.31	/	/	25.71	/	/	<=30	Pass
		Inner_1RB_Left	22.04	/	/	25.44	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	25.65	/	/	<=30	Pass
	1770	Edge_1RB_Left	20.70	/	/	24.1	/	/	<=30	Pass
		Edge_1RB_Right	20.81	/	/	24.21	/	/	<=30	Pass
		Outer_Full	20.71	/	/	24.11	/	/	<=30	Pass
		Inner_Full	22.10	/	/	25.5	/	/	<=30	Pass
		Inner_1RB_Left	22.15	/	/	25.55	/	/	<=30	Pass
		Inner_1RB_Right	22.38	/	/	25.78	/	/	<=30	Pass
CP-OFDM 16 QAM	1720	Edge_1RB_Left	20.59	/	/	23.99	/	/	<=30	Pass
		Edge_1RB_Right	20.56	/	/	23.96	/	/	<=30	Pass
		Outer_Full	19.04	/	/	22.44	/	/	<=30	Pass
		Inner_Full	21.66	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Left	21.60	/	/	25	/	/	<=30	Pass
		Inner_1RB_Right	21.66	/	/	25.06	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.64	/	/	24.04	/	/	<=30	Pass
		Edge_1RB_Right	20.90	/	/	24.3	/	/	<=30	Pass
		Outer_Full	19.29	/	/	22.69	/	/	<=30	Pass
		Inner_Full	21.76	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Left	21.82	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Right	21.83	/	/	25.23	/	/	<=30	Pass
	1770	Edge_1RB_Left	20.86	/	/	24.26	/	/	<=30	Pass
		Edge_1RB_Right	20.60	/	/	24	/	/	<=30	Pass
		Outer_Full	19.13	/	/	22.53	/	/	<=30	Pass
		Inner_Full	21.53	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Right	21.51	/	/	24.91	/	/	<=30	Pass
CP-OFDM 64 QAM	1720	Edge_1RB_Left	20.03	/	/	23.43	/	/	<=30	Pass
		Edge_1RB_Right	20.30	/	/	23.7	/	/	<=30	Pass
		Outer_Full	18.69	/	/	22.09	/	/	<=30	Pass
		Inner_Full	20.23	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	20.12	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	20.22	/	/	23.62	/	/	<=30	Pass
	1745	Edge_1RB_Left	20.27	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	20.48	/	/	23.88	/	/	<=30	Pass
		Outer_Full	18.85	/	/	22.25	/	/	<=30	Pass
		Inner_Full	20.34	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Left	20.28	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Right	20.34	/	/	23.74	/	/	<=30	Pass
	1770	Edge_1RB_Left	20.22	/	/	23.62	/	/	<=30	Pass

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		Edge_1RB_Right	20.20	/	/	23.6	/	/	<=30	Pass
		Outer_Full	18.52	/	/	21.92	/	/	<=30	Pass
		Inner_Full	20.05	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	20.28	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Right	20.11	/	/	23.51	/	/	<=30	Pass
CP-OFDM 256 QAM	1720	Edge_1RB_Left	16.55	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	16.69	/	/	20.09	/	/	<=30	Pass
		Outer_Full	17.15	/	/	20.55	/	/	<=30	Pass
		Inner_Full	17.20	/	/	20.6	/	/	<=30	Pass
		Inner_1RB_Left	16.48	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Right	16.69	/	/	20.09	/	/	<=30	Pass
	1745	Edge_1RB_Left	16.72	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	16.89	/	/	20.29	/	/	<=30	Pass
		Outer_Full	17.39	/	/	20.79	/	/	<=30	Pass
		Inner_Full	17.31	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Left	16.66	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Right	16.79	/	/	20.19	/	/	<=30	Pass
	1770	Edge_1RB_Left	16.75	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	16.85	/	/	20.25	/	/	<=30	Pass
		Outer_Full	17.19	/	/	20.59	/	/	<=30	Pass
		Inner_Full	17.00	/	/	20.4	/	/	<=30	Pass
		Inner_1RB_Left	16.74	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Right	16.71	/	/	20.11	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 3.40dBi;
Note2: EIRP=Conducted Power+Antenna Gain

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2. Frequency Stability

2.1 15k_SISO_5MHz

2.1.1 Test Result

5G NR n66 SCS=15kHz SISO 5MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	20	LV	-5.20	-0.0030	/	Pass
				HV	-6.00	-0.0034	/	Pass
			-30	NV	-5.00	-0.0029	/	Pass
			-20	NV	-4.80	-0.0028	/	Pass
			-10	NV	-4.10	-0.0023	/	Pass
			0	NV	4.60	0.0026	/	Pass
			10	NV	-5.20	-0.0030	/	Pass
			20	NV	-2.70	-0.0015	/	Pass
			30	NV	-2.90	-0.0017	/	Pass
			40	NV	-0.80	-0.0005	/	Pass
			50	NV	-6.60	-0.0038	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-3.50	-0.0020	/	Pass
				HV	-7.00	-0.0040	/	Pass
			-30	NV	-2.80	-0.0016	/	Pass
			-20	NV	-4.80	-0.0028	/	Pass
			-10	NV	-5.40	-0.0031	/	Pass
			0	NV	-6.80	-0.0039	/	Pass
			10	NV	-3.00	-0.0017	/	Pass
			20	NV	0.20	0.0001	/	Pass
			30	NV	-5.60	-0.0032	/	Pass
			40	NV	-7.60	-0.0044	/	Pass
			50	NV	-6.30	-0.0036	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-3.40	-0.0019	/	Pass
				HV	-2.40	-0.0014	/	Pass
			-30	NV	-3.20	-0.0018	/	Pass
			-20	NV	-3.80	-0.0022	/	Pass
			-10	NV	-2.60	-0.0015	/	Pass
			0	NV	-5.90	-0.0034	/	Pass
			10	NV	2.10	0.0012	/	Pass
			20	NV	-2.90	-0.0017	/	Pass
			30	NV	-4.20	-0.0024	/	Pass
			40	NV	-5.20	-0.0030	/	Pass
			50	NV	-1.20	-0.0007	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-1.10	-0.0006	/	Pass
				HV	-3.60	-0.0021	/	Pass
			-30	NV	-2.80	-0.0016	/	Pass
			-20	NV	-4.00	-0.0023	/	Pass

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			-10	NV	-2.30	-0.0013	/	Pass
			0	NV	-5.20	-0.0030	/	Pass
			10	NV	-2.70	-0.0015	/	Pass
			20	NV	-3.00	-0.0017	/	Pass
			30	NV	-1.80	-0.0010	/	Pass
			40	NV	-4.40	-0.0025	/	Pass
			50	NV	-6.80	-0.0039	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	20	LV	-1.50	-0.0009	/	Pass
				HV	-6.50	-0.0037	/	Pass
			-30	NV	1.10	0.0006	/	Pass
			-20	NV	-9.40	-0.0054	/	Pass
			-10	NV	-5.70	-0.0033	/	Pass
			0	NV	-4.30	-0.0025	/	Pass
			10	NV	-4.30	-0.0025	/	Pass
			20	NV	-6.00	-0.0034	/	Pass
			30	NV	-2.50	-0.0014	/	Pass
			40	NV	-4.60	-0.0026	/	Pass
			50	NV	-4.60	-0.0026	/	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-2.40	-0.0014	/	Pass
				HV	-2.90	-0.0017	/	Pass
			-30	NV	-2.70	-0.0015	/	Pass
			-20	NV	0.60	0.0003	/	Pass
			-10	NV	2.70	0.0015	/	Pass
			0	NV	-7.40	-0.0042	/	Pass
			10	NV	-1.60	-0.0009	/	Pass
			20	NV	-4.60	-0.0026	/	Pass
			30	NV	-4.50	-0.0026	/	Pass
			40	NV	-0.80	-0.0005	/	Pass
			50	NV	-6.00	-0.0034	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-4.20	-0.0024	/	Pass
				HV	-1.40	-0.0008	/	Pass
			-30	NV	-4.50	-0.0026	/	Pass
			-20	NV	0.40	0.0002	/	Pass
			-10	NV	-4.30	-0.0025	/	Pass
			0	NV	-6.20	-0.0036	/	Pass
			10	NV	4.30	0.0025	/	Pass
			20	NV	-4.40	-0.0025	/	Pass
			30	NV	-4.60	-0.0026	/	Pass
			40	NV	-2.50	-0.0014	/	Pass
			50	NV	-4.90	-0.0028	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	LV	-6.60	-0.0038	/	Pass
				HV	-2.20	-0.0013	/	Pass
			-30	NV	-5.90	-0.0034	/	Pass
			-20	NV	-3.10	-0.0018	/	Pass
			-10	NV	-3.40	-0.0019	/	Pass
			0	NV	-4.20	-0.0024	/	Pass
			10	NV	-1.00	-0.0006	/	Pass
			20	NV	-5.20	-0.0030	/	Pass

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			30	NV	-6.50	-0.0037	/	Pass
			40	NV	2.40	0.0014	/	Pass
			50	NV	-3.50	-0.0020	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-1.50	-0.0009	/	Pass
				HV	-3.70	-0.0021	/	Pass
			-30	NV	-4.60	-0.0026	/	Pass
			-20	NV	-3.40	-0.0019	/	Pass
			-10	NV	-2.80	-0.0016	/	Pass
			0	NV	-5.50	-0.0032	/	Pass
			10	NV	-5.10	-0.0029	/	Pass
			20	NV	-6.40	-0.0037	/	Pass
			30	NV	-1.40	-0.0008	/	Pass
			40	NV	-2.90	-0.0017	/	Pass
			50	NV	-7.30	-0.0042	/	Pass

2.2 15k_SISO_10MHz

2.2.1 Test Result

5G NR n66 SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	20	LV	-5.90	-0.0034	/	Pass
				HV	-2.60	-0.0015	/	Pass
			-30	NV	-9.00	-0.0052	/	Pass
			-20	NV	-0.60	-0.0003	/	Pass
			-10	NV	-8.90	-0.0051	/	Pass
			0	NV	-4.10	-0.0023	/	Pass
			10	NV	-7.50	-0.0043	/	Pass
			20	NV	-4.70	-0.0027	/	Pass
			30	NV	-6.40	-0.0037	/	Pass
			40	NV	-5.80	-0.0033	/	Pass
			50	NV	-2.10	-0.0012	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-5.50	-0.0032	/	Pass
				HV	-0.90	-0.0005	/	Pass
			-30	NV	-4.10	-0.0023	/	Pass
			-20	NV	-6.30	-0.0036	/	Pass
			-10	NV	-3.90	-0.0022	/	Pass
			0	NV	-4.20	-0.0024	/	Pass
			10	NV	-6.50	-0.0037	/	Pass
			20	NV	-1.70	-0.0010	/	Pass
			30	NV	-8.70	-0.0050	/	Pass
			40	NV	-5.20	-0.0030	/	Pass
			50	NV	-4.70	-0.0027	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-3.90	-0.0022	/	Pass
				HV	-5.20	-0.0030	/	Pass

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			-30	NV	-9.20	-0.0053	/	Pass
			-20	NV	-6.10	-0.0035	/	Pass
			-10	NV	1.60	0.0009	/	Pass
			0	NV	-4.80	-0.0028	/	Pass
			10	NV	0.90	0.0005	/	Pass
			20	NV	-7.00	-0.0040	/	Pass
			30	NV	1.40	0.0008	/	Pass
			40	NV	-4.40	-0.0025	/	Pass
			50	NV	-0.80	-0.0005	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-3.70	-0.0021	/	Pass
				HV	-6.70	-0.0038	/	Pass
			-30	NV	-2.60	-0.0015	/	Pass
			-20	NV	-3.90	-0.0022	/	Pass
			-10	NV	-4.80	-0.0028	/	Pass
			0	NV	-1.50	-0.0009	/	Pass
			10	NV	-5.00	-0.0029	/	Pass
			20	NV	-3.50	-0.0020	/	Pass
			30	NV	-4.70	-0.0027	/	Pass
			40	NV	-2.90	-0.0017	/	Pass
			50	NV	-3.30	-0.0019	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	20	LV	-4.10	-0.0023	/	Pass
				HV	-5.10	-0.0029	/	Pass
			-30	NV	-5.00	-0.0029	/	Pass
			-20	NV	-5.10	-0.0029	/	Pass
			-10	NV	-8.20	-0.0047	/	Pass
			0	NV	-7.50	-0.0043	/	Pass
			10	NV	-1.00	-0.0006	/	Pass
			20	NV	-3.30	-0.0019	/	Pass
			30	NV	1.60	0.0009	/	Pass
			40	NV	-6.70	-0.0038	/	Pass
			50	NV	2.50	0.0014	/	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-3.60	-0.0021	/	Pass
				HV	-8.70	-0.0050	/	Pass
			-30	NV	-5.90	-0.0034	/	Pass
			-20	NV	-7.60	-0.0044	/	Pass
			-10	NV	-3.80	-0.0022	/	Pass
			0	NV	-4.60	-0.0026	/	Pass
			10	NV	-5.80	-0.0033	/	Pass
			20	NV	-2.80	-0.0016	/	Pass
			30	NV	-8.70	-0.0050	/	Pass
			40	NV	-2.40	-0.0014	/	Pass
			50	NV	-7.20	-0.0041	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-2.20	-0.0013	/	Pass
				HV	-4.30	-0.0025	/	Pass
			-30	NV	-2.40	-0.0014	/	Pass
			-20	NV	-2.10	-0.0012	/	Pass
			-10	NV	-4.70	-0.0027	/	Pass
			0	NV	-4.80	-0.0028	/	Pass

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			10	NV	-6.30	-0.0036	/	Pass
			20	NV	-3.20	-0.0018	/	Pass
			30	NV	-5.50	-0.0032	/	Pass
			40	NV	-5.30	-0.0030	/	Pass
			50	NV	0.50	0.0003	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	LV	-2.20	-0.0013	/	Pass
				HV	-3.20	-0.0018	/	Pass
			-30	NV	-4.50	-0.0026	/	Pass
			-20	NV	-4.60	-0.0026	/	Pass
			-10	NV	-6.50	-0.0037	/	Pass
			0	NV	-1.90	-0.0011	/	Pass
			10	NV	-0.90	-0.0005	/	Pass
			20	NV	0.90	0.0005	/	Pass
			30	NV	-7.10	-0.0041	/	Pass
			40	NV	-4.80	-0.0028	/	Pass
			50	NV	-1.00	-0.0006	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-3.40	-0.0019	/	Pass
				HV	-8.40	-0.0048	/	Pass
			-30	NV	-4.30	-0.0025	/	Pass
			-20	NV	-3.80	-0.0022	/	Pass
			-10	NV	-6.40	-0.0037	/	Pass
			0	NV	-2.90	-0.0017	/	Pass
			10	NV	-6.80	-0.0039	/	Pass
			20	NV	-3.50	-0.0020	/	Pass
			30	NV	-1.90	-0.0011	/	Pass
			40	NV	-4.40	-0.0025	/	Pass
			50	NV	-2.10	-0.0012	/	Pass

2.3 15k_SISO_15MHz

2.3.1 Test Result

5G NR n66 SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	20	LV	-3.30	-0.0019	/	Pass
				HV	0.40	0.0002	/	Pass
			-30	NV	-3.30	-0.0019	/	Pass
			-20	NV	-5.10	-0.0029	/	Pass
			-10	NV	-3.60	-0.0021	/	Pass
			0	NV	-5.30	-0.0030	/	Pass
			10	NV	-1.70	-0.0010	/	Pass
			20	NV	-5.10	-0.0029	/	Pass
			30	NV	-3.00	-0.0017	/	Pass
			40	NV	-4.30	-0.0025	/	Pass
			50	NV	-9.40	-0.0054	/	Pass

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DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-2.80	-0.0016	/	Pass
				HV	-4.20	-0.0024	/	Pass
			-30	NV	-5.90	-0.0034	/	Pass
			-20	NV	-1.70	-0.0010	/	Pass
			-10	NV	-6.50	-0.0037	/	Pass
			0	NV	-5.10	-0.0029	/	Pass
			10	NV	-6.00	-0.0034	/	Pass
			20	NV	-1.60	-0.0009	/	Pass
			30	NV	-6.60	-0.0038	/	Pass
			40	NV	-0.90	-0.0005	/	Pass
			50	NV	-3.60	-0.0021	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	-6.20	-0.0036	/	Pass
				HV	-6.10	-0.0035	/	Pass
			-30	NV	-3.80	-0.0022	/	Pass
			-20	NV	-3.10	-0.0018	/	Pass
			-10	NV	-3.30	-0.0019	/	Pass
			0	NV	-2.40	-0.0014	/	Pass
			10	NV	6.60	0.0038	/	Pass
			20	NV	-3.20	-0.0018	/	Pass
			30	NV	-8.40	-0.0048	/	Pass
			40	NV	-5.60	-0.0032	/	Pass
			50	NV	-3.50	-0.0020	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-4.20	-0.0024	/	Pass
				HV	-5.60	-0.0032	/	Pass
			-30	NV	-4.50	-0.0026	/	Pass
			-20	NV	-1.30	-0.0007	/	Pass
			-10	NV	-1.50	-0.0009	/	Pass
			0	NV	-0.30	-0.0002	/	Pass
			10	NV	-1.70	-0.0010	/	Pass
			20	NV	-0.40	-0.0002	/	Pass
			30	NV	-9.90	-0.0057	/	Pass
			40	NV	-3.20	-0.0018	/	Pass
			50	NV	-2.40	-0.0014	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	20	LV	-5.30	-0.0030	/	Pass
				HV	-1.60	-0.0009	/	Pass
			-30	NV	-1.40	-0.0008	/	Pass
			-20	NV	-3.30	-0.0019	/	Pass
			-10	NV	-2.90	-0.0017	/	Pass
			0	NV	-5.50	-0.0032	/	Pass
			10	NV	-5.70	-0.0033	/	Pass
			20	NV	0.70	0.0004	/	Pass
			30	NV	-3.70	-0.0021	/	Pass
			40	NV	-7.30	-0.0042	/	Pass
			50	NV	-6.40	-0.0037	/	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-6.30	-0.0036	/	Pass
				HV	-3.40	-0.0019	/	Pass
			-30	NV	-0.60	-0.0003	/	Pass
			-20	NV	-8.00	-0.0046	/	Pass

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			-10	NV	-5.60	-0.0032	/	Pass
			0	NV	-6.10	-0.0035	/	Pass
			10	NV	-5.30	-0.0030	/	Pass
			20	NV	-5.20	-0.0030	/	Pass
			30	NV	-5.50	-0.0032	/	Pass
			40	NV	-6.10	-0.0035	/	Pass
			50	NV	-3.90	-0.0022	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-4.30	-0.0025	/	Pass
				HV	-6.30	-0.0036	/	Pass
			-30	NV	-4.90	-0.0028	/	Pass
			-20	NV	-4.50	-0.0026	/	Pass
			-10	NV	-5.90	-0.0034	/	Pass
			0	NV	-2.80	-0.0016	/	Pass
			10	NV	-2.50	-0.0014	/	Pass
			20	NV	-4.00	-0.0023	/	Pass
			30	NV	-4.70	-0.0027	/	Pass
			40	NV	-3.50	-0.0020	/	Pass
			50	NV	-6.40	-0.0037	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	LV	-6.60	-0.0038	/	Pass
				HV	-6.20	-0.0036	/	Pass
			-30	NV	-2.40	-0.0014	/	Pass
			-20	NV	-2.30	-0.0013	/	Pass
			-10	NV	-5.00	-0.0029	/	Pass
			0	NV	-4.80	-0.0028	/	Pass
			10	NV	-3.20	-0.0018	/	Pass
			20	NV	-2.80	-0.0016	/	Pass
			30	NV	-2.40	-0.0014	/	Pass
			40	NV	-3.40	-0.0019	/	Pass
			50	NV	-3.60	-0.0021	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-3.10	-0.0018	/	Pass
				HV	-8.50	-0.0049	/	Pass
			-30	NV	-6.20	-0.0036	/	Pass
			-20	NV	1.30	0.0007	/	Pass
			-10	NV	-4.20	-0.0024	/	Pass
			0	NV	-2.30	-0.0013	/	Pass
			10	NV	-5.10	-0.0029	/	Pass
			20	NV	-3.00	-0.0017	/	Pass
			30	NV	-5.80	-0.0033	/	Pass
			40	NV	-5.80	-0.0033	/	Pass
			50	NV	-2.80	-0.0016	/	Pass

2.4 15k_SISO_20MHz

2.4.1 Test Result

5G NR n66 SCS=15kHz SISO 20MHz

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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	1745	Outer_Full	20	LV	-5.30	-0.0030	/	Pass
				HV	-2.40	-0.0014	/	Pass
			-30	NV	-3.60	-0.0021	/	Pass
			-20	NV	-3.20	-0.0018	/	Pass
			-10	NV	-2.30	-0.0013	/	Pass
			0	NV	-3.50	-0.0020	/	Pass
			10	NV	-6.20	-0.0036	/	Pass
			20	NV	-4.60	-0.0026	/	Pass
			30	NV	-1.30	-0.0007	/	Pass
			40	NV	-3.90	-0.0022	/	Pass
			50	NV	-3.00	-0.0017	/	Pass
DFT-s-OFDM QPSK	1745	Outer_Full	20	LV	-4.80	-0.0028	/	Pass
				HV	-2.30	-0.0013	/	Pass
			-30	NV	-7.20	-0.0041	/	Pass
			-20	NV	1.50	0.0009	/	Pass
			-10	NV	-2.20	-0.0013	/	Pass
			0	NV	-2.90	-0.0017	/	Pass
			10	NV	-3.30	-0.0019	/	Pass
			20	NV	-4.30	-0.0025	/	Pass
			30	NV	-1.40	-0.0008	/	Pass
			40	NV	-1.20	-0.0007	/	Pass
			50	NV	-5.80	-0.0033	/	Pass
DFT-s-OFDM 16 QAM	1745	Outer_Full	20	LV	1.00	0.0006	/	Pass
				HV	-1.80	-0.0010	/	Pass
			-30	NV	-2.10	-0.0012	/	Pass
			-20	NV	-5.90	-0.0034	/	Pass
			-10	NV	-5.60	-0.0032	/	Pass
			0	NV	-3.90	-0.0022	/	Pass
			10	NV	-7.60	-0.0044	/	Pass
			20	NV	-4.80	-0.0028	/	Pass
			30	NV	-7.30	-0.0042	/	Pass
			40	NV	-3.80	-0.0022	/	Pass
			50	NV	-3.40	-0.0019	/	Pass
DFT-s-OFDM 64 QAM	1745	Outer_Full	20	LV	-6.20	-0.0036	/	Pass
				HV	-5.60	-0.0032	/	Pass
			-30	NV	-3.80	-0.0022	/	Pass
			-20	NV	-2.40	-0.0014	/	Pass
			-10	NV	-2.60	-0.0015	/	Pass
			0	NV	-5.50	-0.0032	/	Pass
			10	NV	-6.50	-0.0037	/	Pass
			20	NV	-2.20	-0.0013	/	Pass
			30	NV	-3.80	-0.0022	/	Pass
			40	NV	-3.10	-0.0018	/	Pass
			50	NV	-4.80	-0.0028	/	Pass
DFT-s-OFDM 256 QAM	1745	Outer_Full	20	LV	-4.00	-0.0023	/	Pass
				HV	-3.50	-0.0020	/	Pass

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			-30	NV	-1.70	-0.0010	/	Pass
			-20	NV	-1.40	-0.0008	/	Pass
			-10	NV	-3.80	-0.0022	/	Pass
			0	NV	-5.60	-0.0032	/	Pass
			10	NV	-5.30	-0.0030	/	Pass
			20	NV	-1.20	-0.0007	/	Pass
			30	NV	-5.10	-0.0029	/	Pass
			40	NV	-2.10	-0.0012	/	Pass
			50	NV	-3.60	-0.0021	/	Pass
CP-OFDM QPSK	1745	Outer_Full	20	LV	-4.20	-0.0024	/	Pass
				HV	-4.70	-0.0027	/	Pass
			-30	NV	-4.30	-0.0025	/	Pass
			-20	NV	-6.30	-0.0036	/	Pass
			-10	NV	-4.80	-0.0028	/	Pass
			0	NV	-3.60	-0.0021	/	Pass
			10	NV	-7.00	-0.0040	/	Pass
			20	NV	-3.00	-0.0017	/	Pass
			30	NV	-4.20	-0.0024	/	Pass
			40	NV	-4.10	-0.0023	/	Pass
			50	NV	-7.30	-0.0042	/	Pass
CP-OFDM 16 QAM	1745	Outer_Full	20	LV	-3.10	-0.0018	/	Pass
				HV	-3.50	-0.0020	/	Pass
			-30	NV	-2.50	-0.0014	/	Pass
			-20	NV	-4.30	-0.0025	/	Pass
			-10	NV	-1.20	-0.0007	/	Pass
			0	NV	-5.20	-0.0030	/	Pass
			10	NV	-5.00	-0.0029	/	Pass
			20	NV	-6.60	-0.0038	/	Pass
			30	NV	-3.80	-0.0022	/	Pass
			40	NV	-3.80	-0.0022	/	Pass
			50	NV	-3.90	-0.0022	/	Pass
CP-OFDM 64 QAM	1745	Outer_Full	20	LV	-1.60	-0.0009	/	Pass
				HV	-7.20	-0.0041	/	Pass
			-30	NV	-1.10	-0.0006	/	Pass
			-20	NV	-4.40	-0.0025	/	Pass
			-10	NV	-3.90	-0.0022	/	Pass
			0	NV	-6.40	-0.0037	/	Pass
			10	NV	-6.30	-0.0036	/	Pass
			20	NV	-3.30	-0.0019	/	Pass
			30	NV	-3.30	-0.0019	/	Pass
			40	NV	-2.60	-0.0015	/	Pass
			50	NV	-6.80	-0.0039	/	Pass
CP-OFDM 256 QAM	1745	Outer_Full	20	LV	-0.60	-0.0003	/	Pass
				HV	-4.70	-0.0027	/	Pass
			-30	NV	-6.40	-0.0037	/	Pass
			-20	NV	-4.50	-0.0026	/	Pass
			-10	NV	-3.90	-0.0022	/	Pass
			0	NV	-5.40	-0.0031	/	Pass

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			10	NV	-6.00	-0.0034	/	Pass
			20	NV	-1.60	-0.0009	/	Pass
			30	NV	-5.80	-0.0033	/	Pass
			40	NV	-3.70	-0.0021	/	Pass
			50	NV	-3.60	-0.0021	/	Pass

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3. 99% & 26dB Bandwidth

3.1 15k_SISO_5MHz_NTNV

3.1.1 Test Result

5G NR n66 SCS=15kHz SISO 5MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1712.5	Outer_Full	4.53	5.06	/	Pass
	1745	Outer_Full	4.53	5.06	/	Pass
	1777.5	Outer_Full	4.53	5.05	/	Pass
DFT-s-OFDM QPSK	1712.5	Outer_Full	4.52	5.07	/	Pass
	1745	Outer_Full	4.53	5.04	/	Pass
	1777.5	Outer_Full	4.54	5.08	/	Pass
DFT-s-OFDM 16 QAM	1712.5	Outer_Full	4.54	5.05	/	Pass
	1745	Outer_Full	4.54	5.07	/	Pass
	1777.5	Outer_Full	4.56	5.09	/	Pass
DFT-s-OFDM 64 QAM	1712.5	Outer_Full	4.54	5.05	/	Pass
	1745	Outer_Full	4.55	5.03	/	Pass
	1777.5	Outer_Full	4.54	5.03	/	Pass
DFT-s-OFDM 256 QAM	1712.5	Outer_Full	4.52	5.08	/	Pass
	1745	Outer_Full	4.53	5.07	/	Pass
	1777.5	Outer_Full	4.52	5.06	/	Pass
CP-OFDM QPSK	1712.5	Outer_Full	4.54	5.09	/	Pass
	1745	Outer_Full	4.54	5.08	/	Pass
	1777.5	Outer_Full	4.54	5.08	/	Pass
CP-OFDM 16 QAM	1712.5	Outer_Full	4.54	5.08	/	Pass
	1745	Outer_Full	4.54	5.08	/	Pass
	1777.5	Outer_Full	4.53	5.06	/	Pass
CP-OFDM 64 QAM	1712.5	Outer_Full	4.55	5.11	/	Pass
	1745	Outer_Full	4.54	5.07	/	Pass
	1777.5	Outer_Full	4.54	5.10	/	Pass
CP-OFDM 256 QAM	1712.5	Outer_Full	4.54	5.12	/	Pass
	1745	Outer_Full	4.53	5.12	/	Pass
	1777.5	Outer_Full	4.55	5.12	/	Pass

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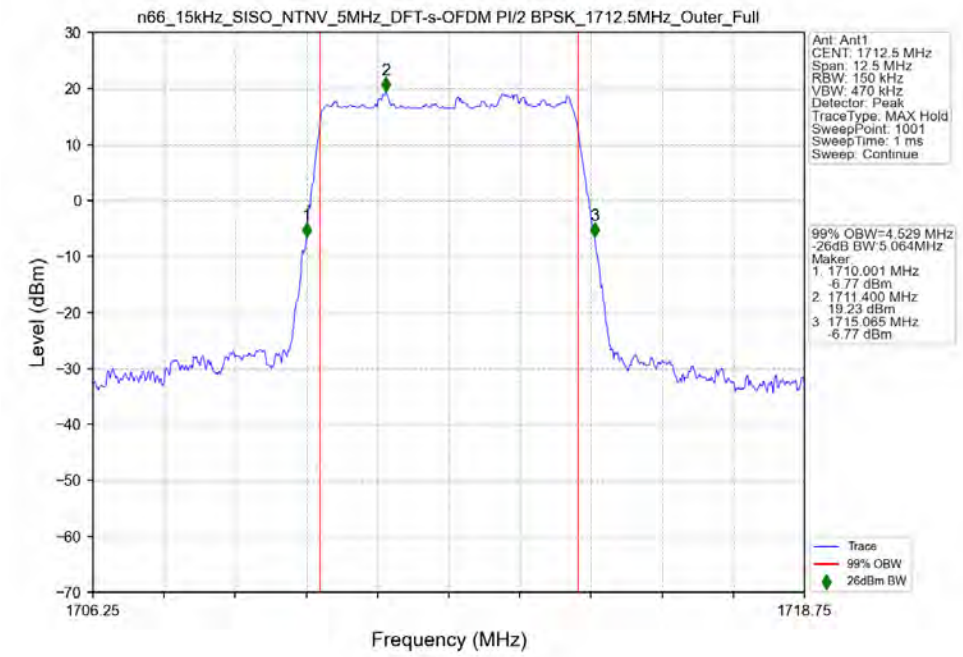
3.1.2 Test Graph

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1712.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full

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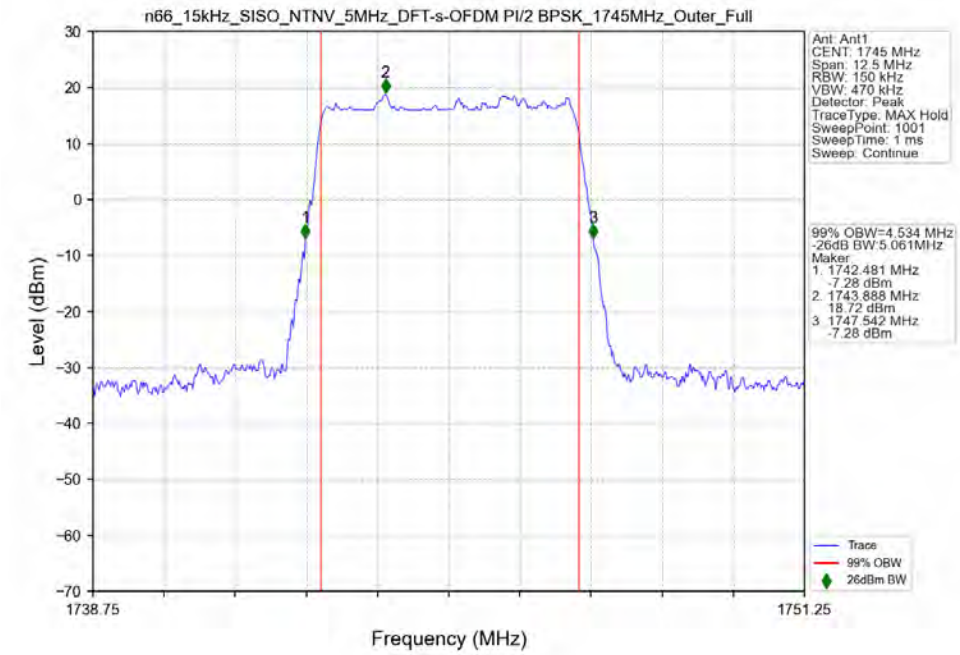

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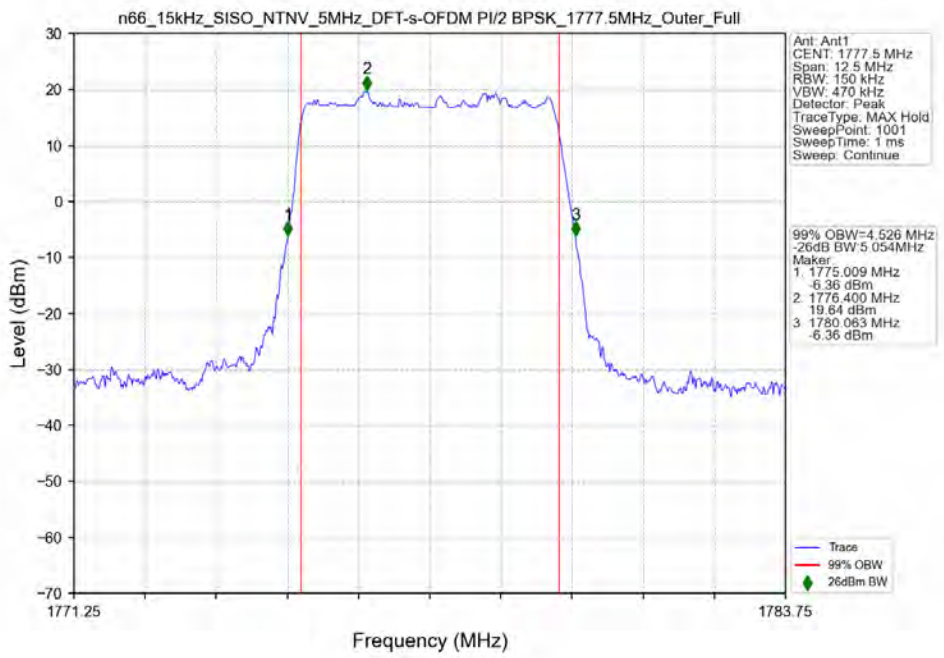
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1777.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1712.5MHz_Outer_Full

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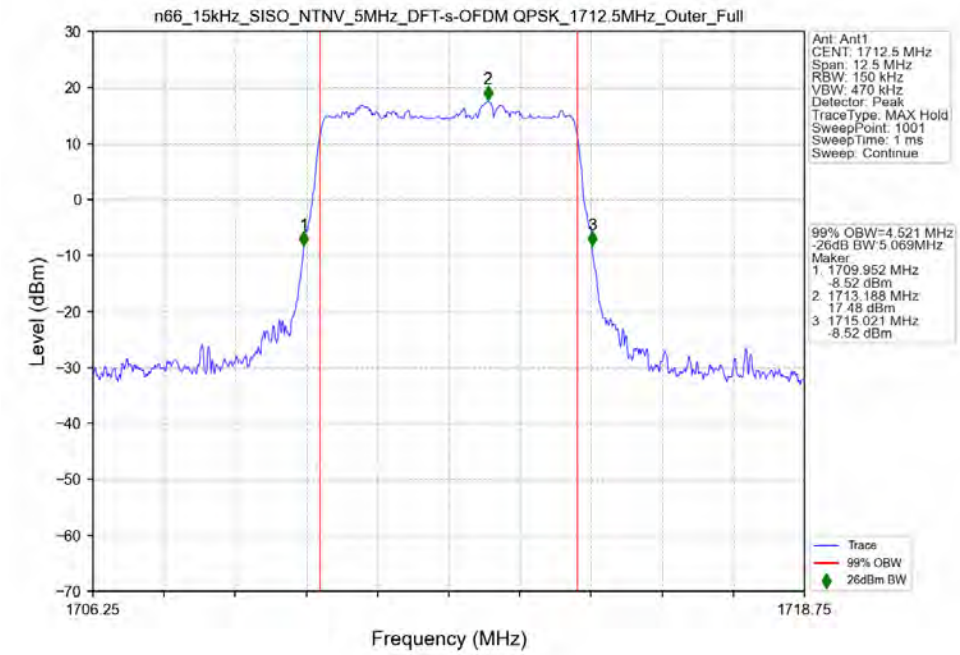

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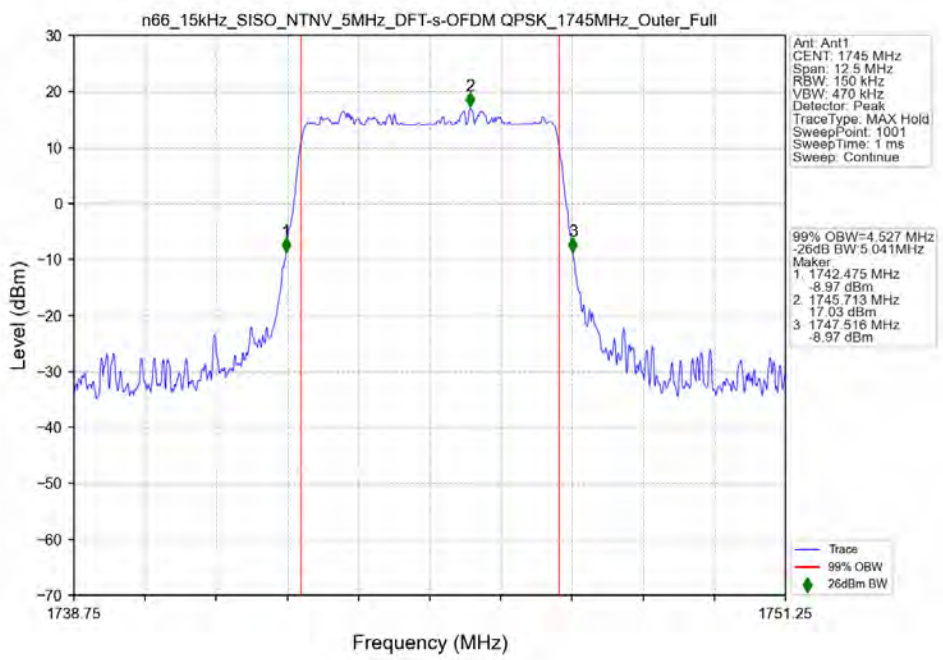
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1777.5MHz_Outer_Full

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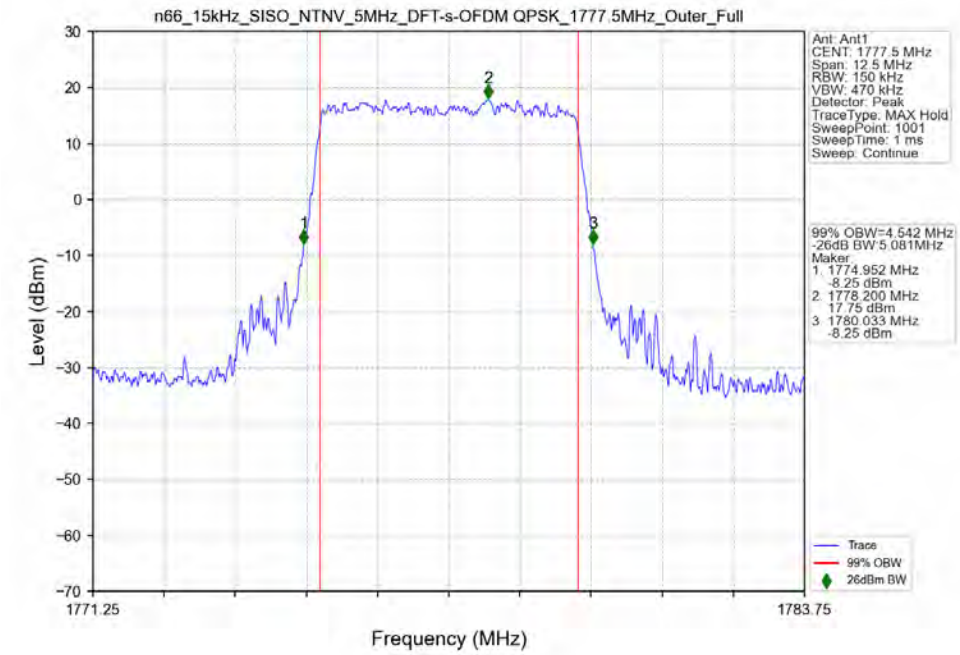

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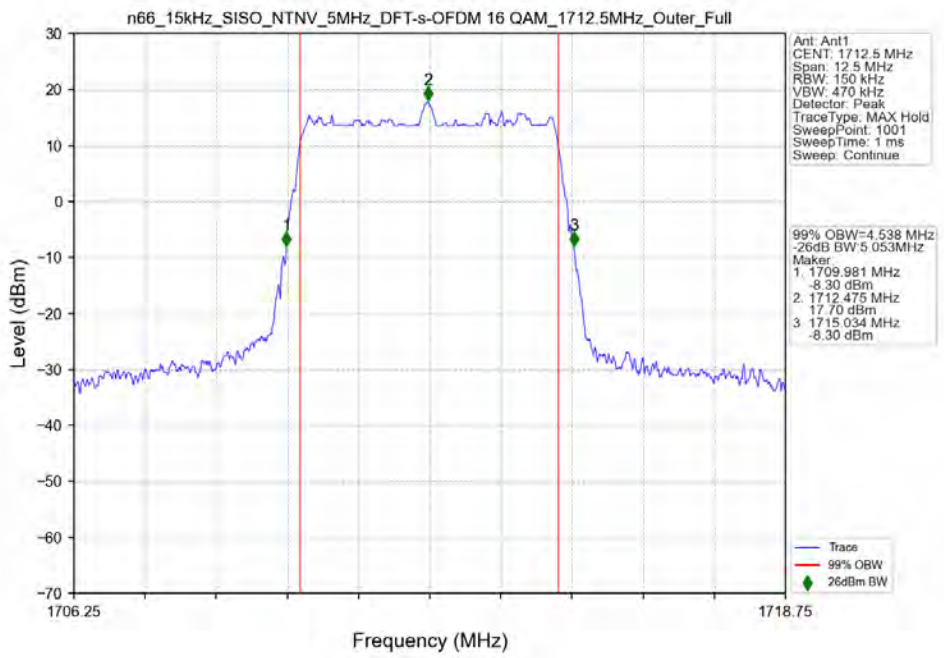
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1712.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full

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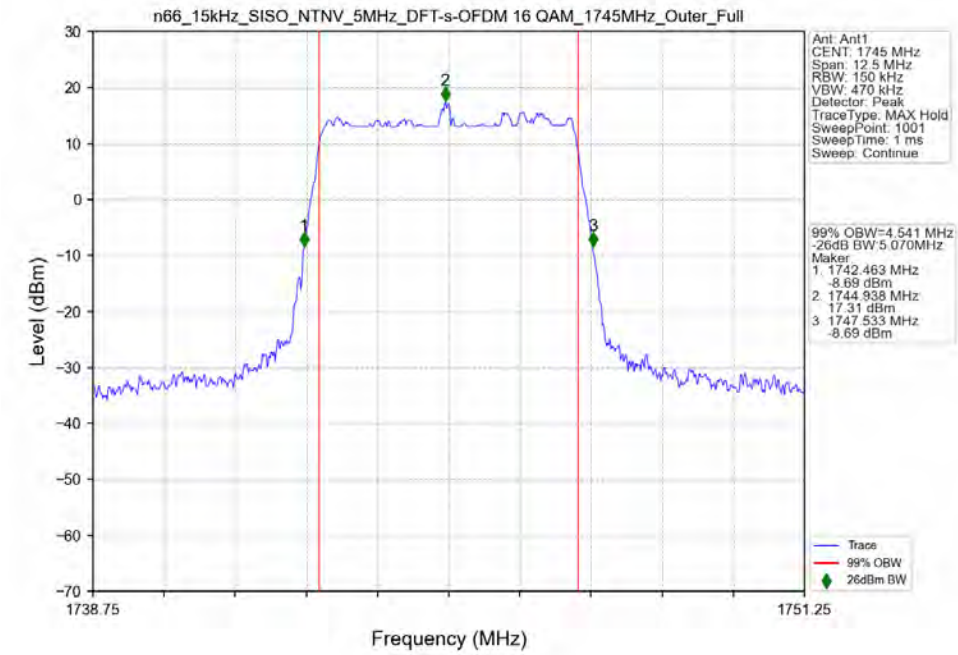

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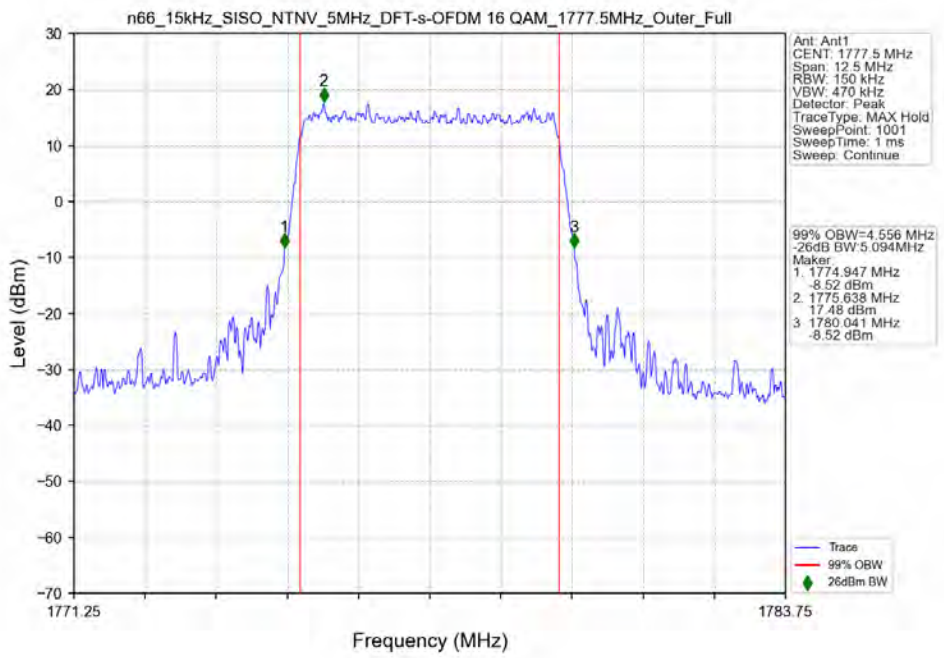

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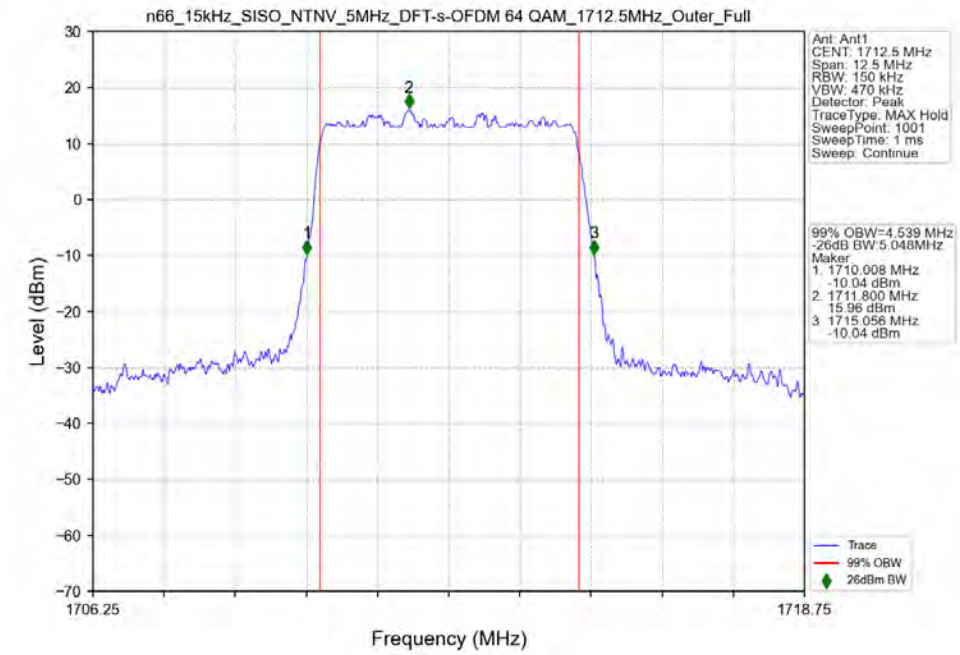

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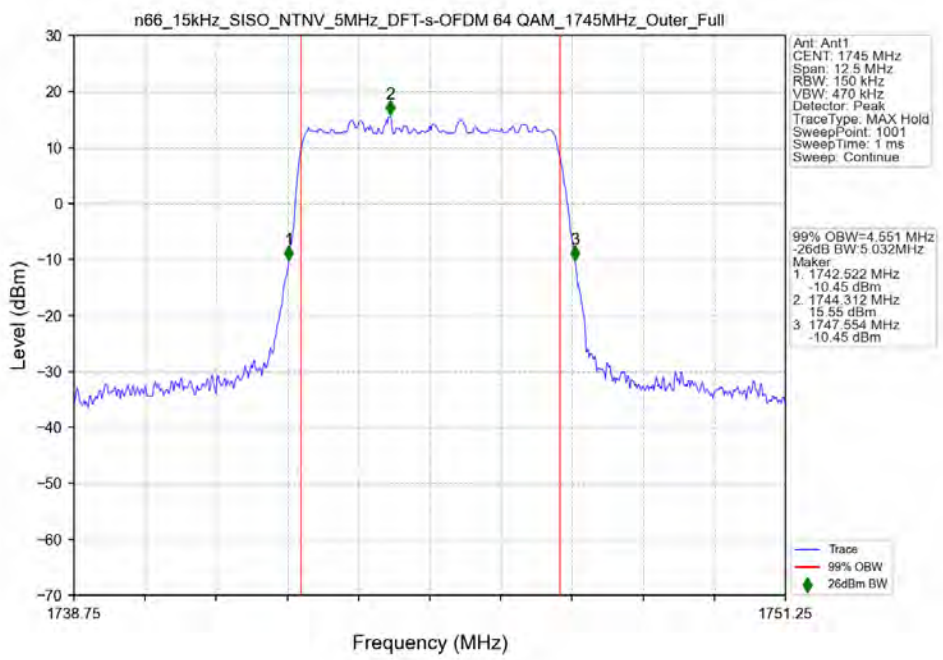
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full



n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1777.5MHz_Outer_Full

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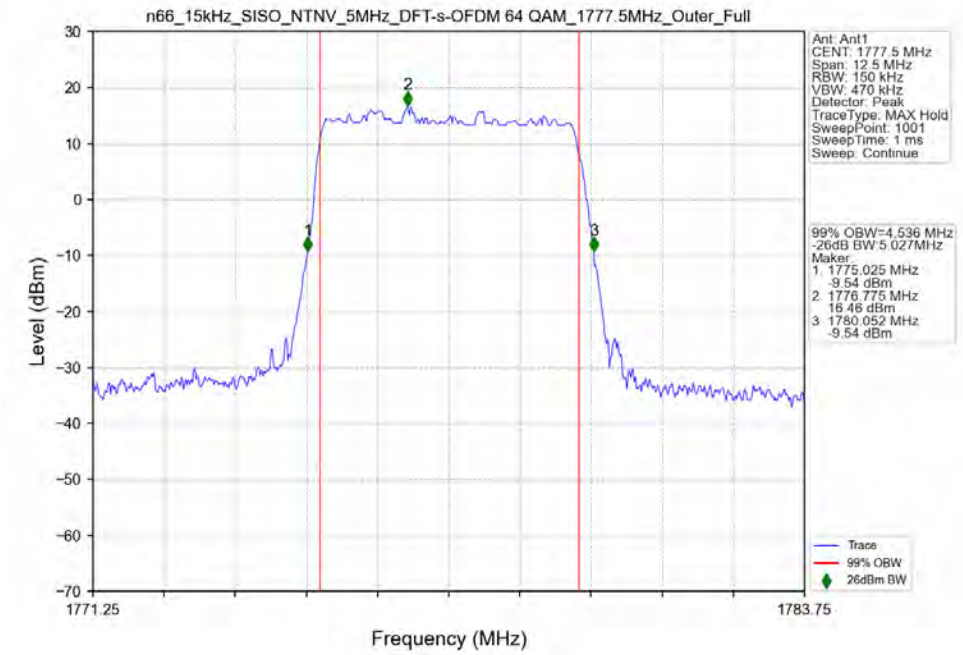

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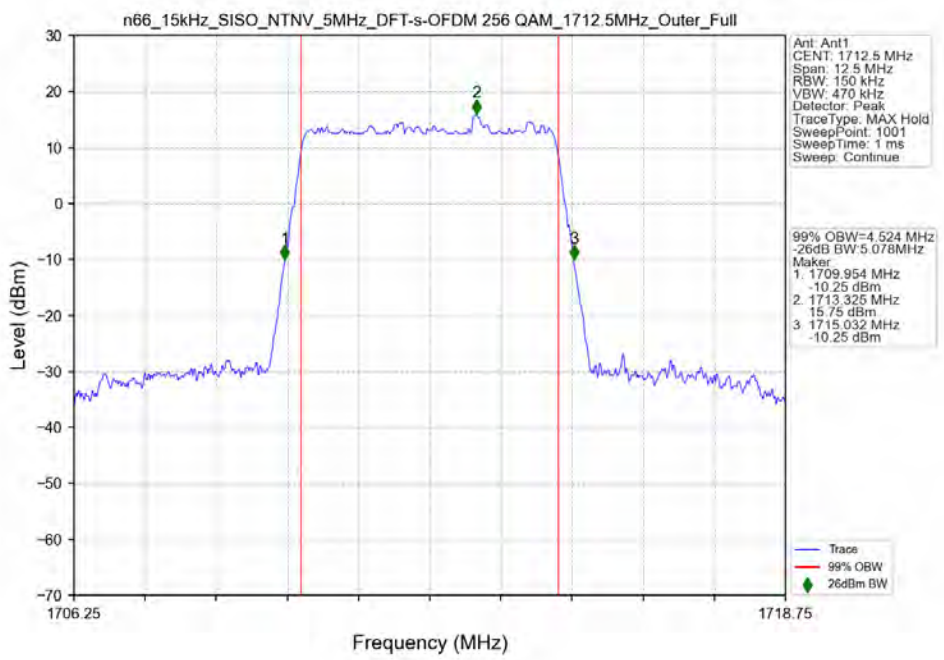
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1712.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1745MHz_Outer_Full

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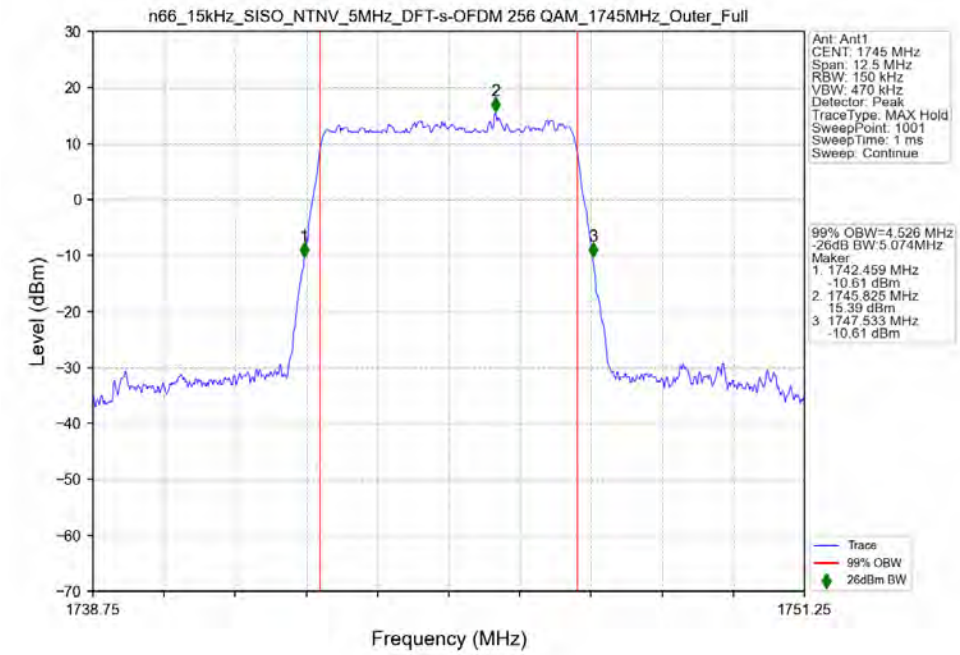

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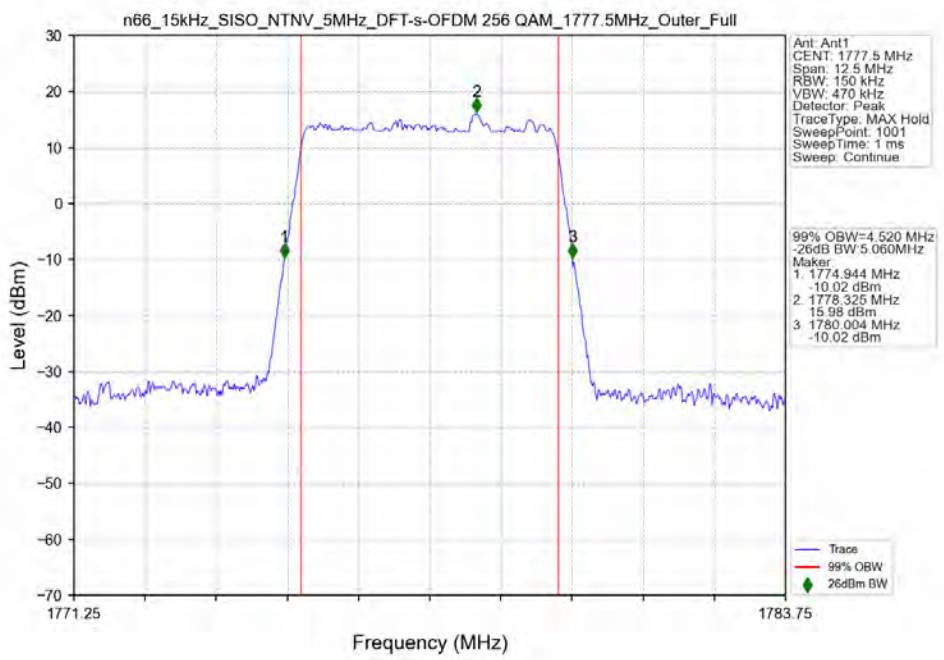
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1777.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1712.5MHz_Outer_Full

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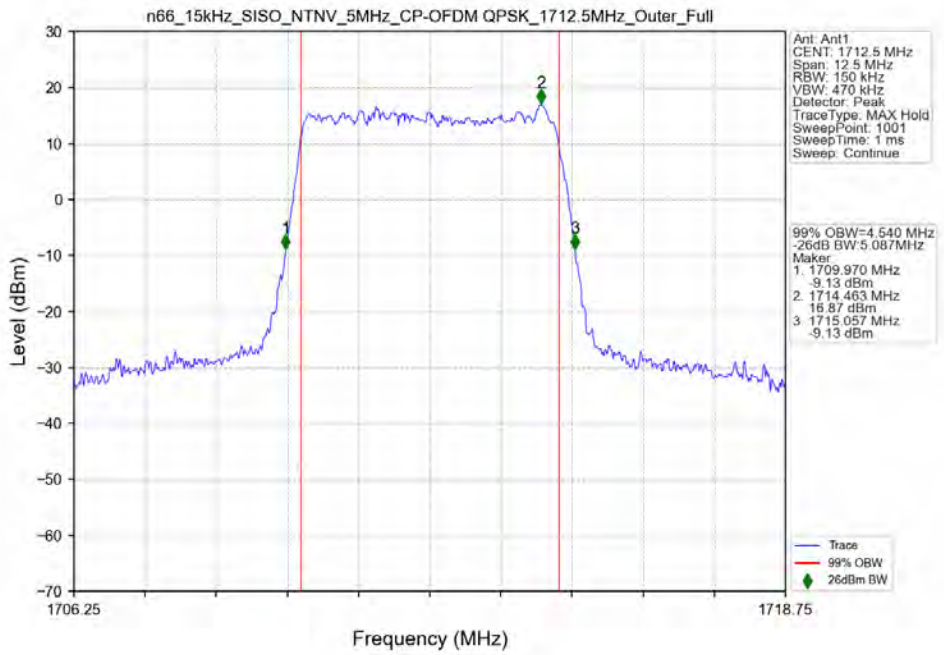

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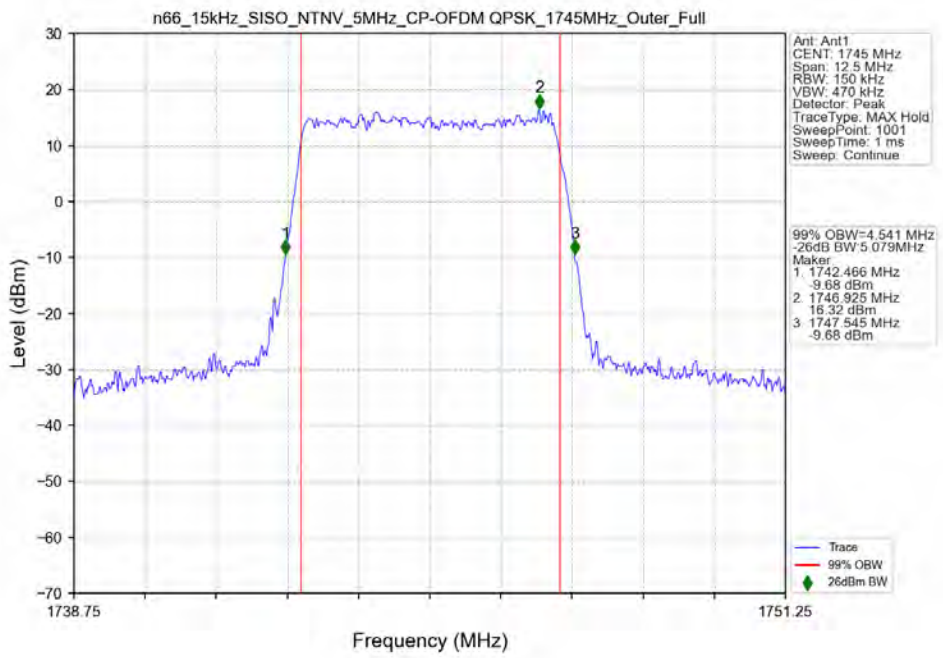
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1745MHz_Outer_Full



n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1777.5MHz_Outer_Full

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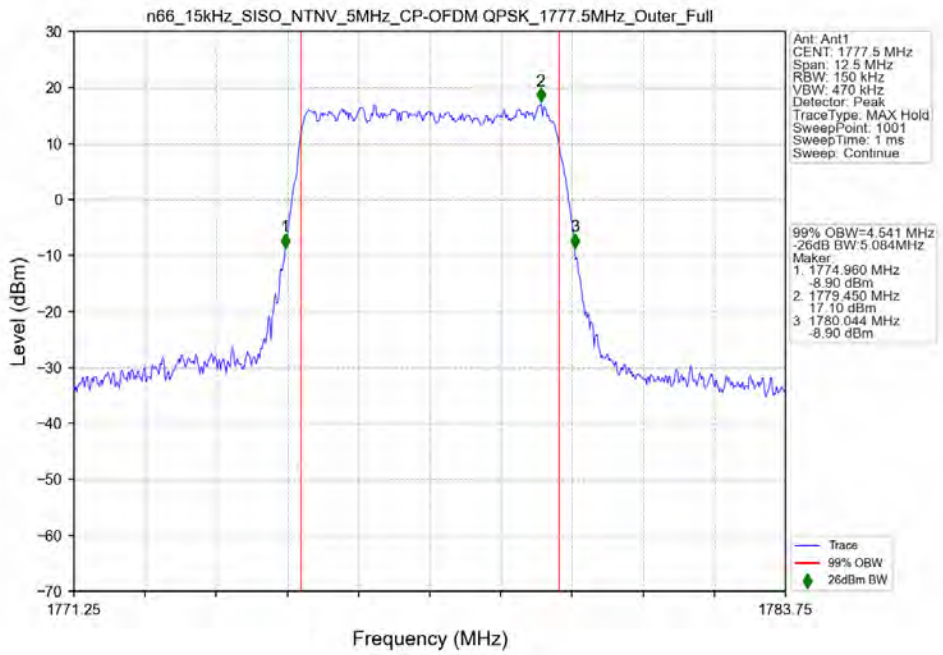

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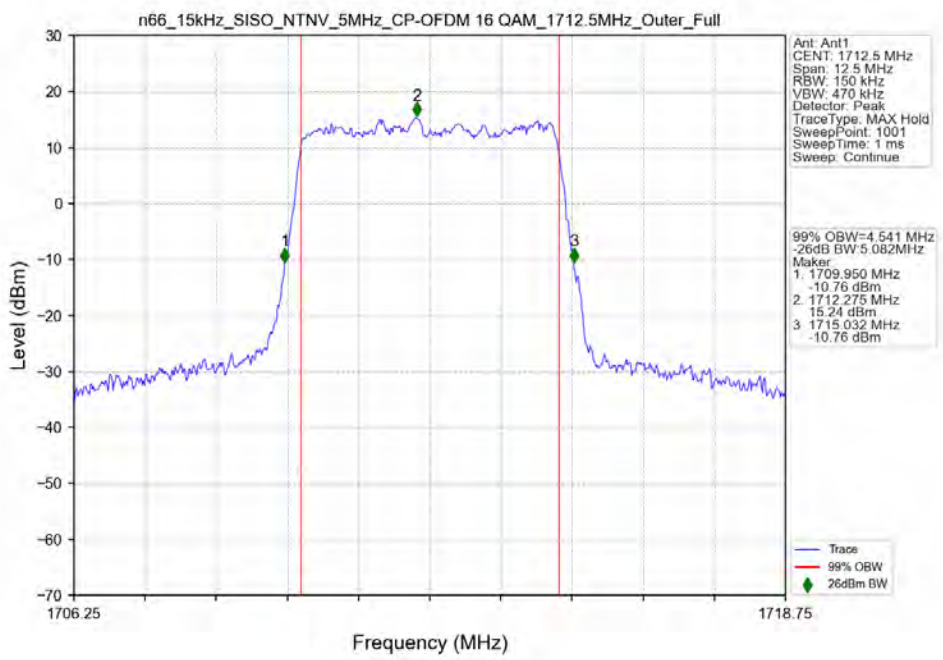
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1712.5MHz_Outer_Full



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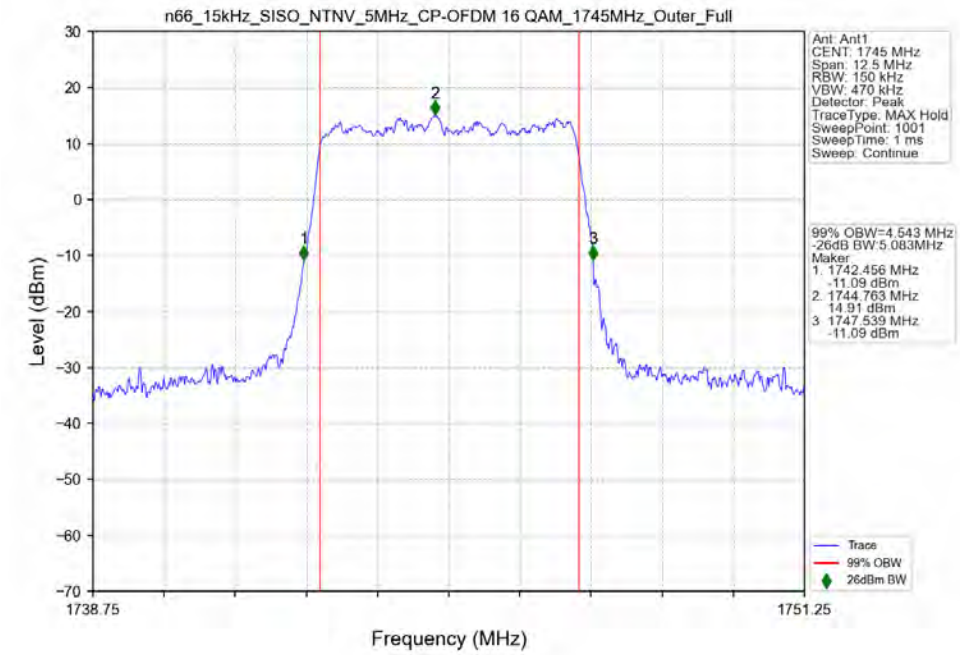

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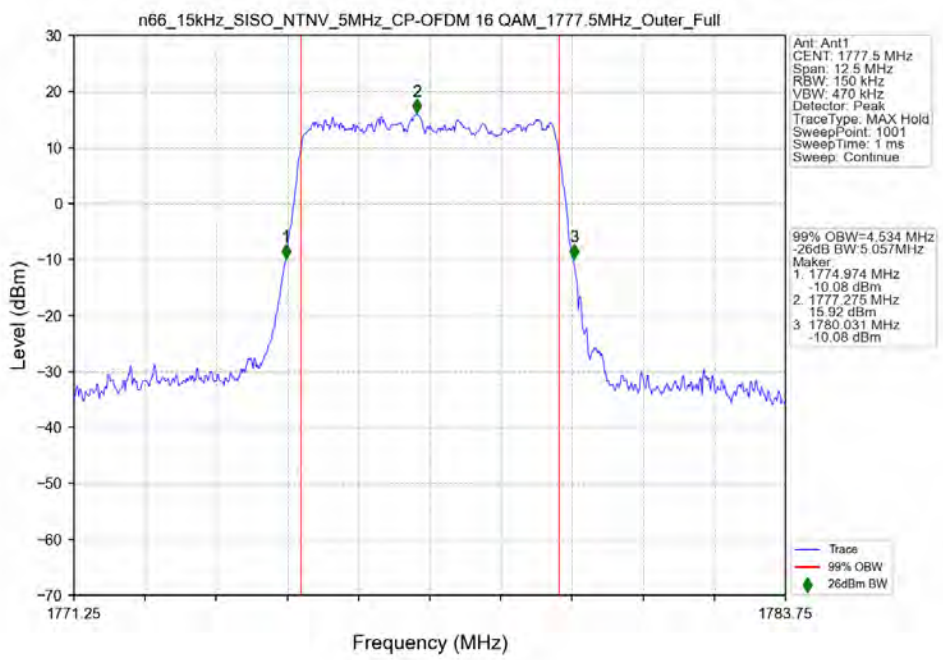

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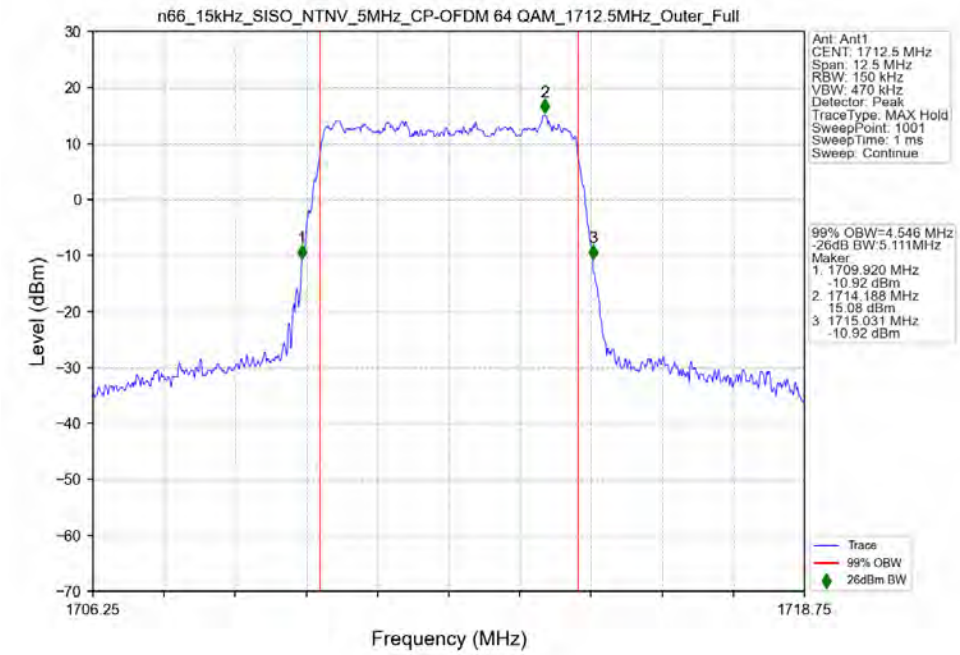

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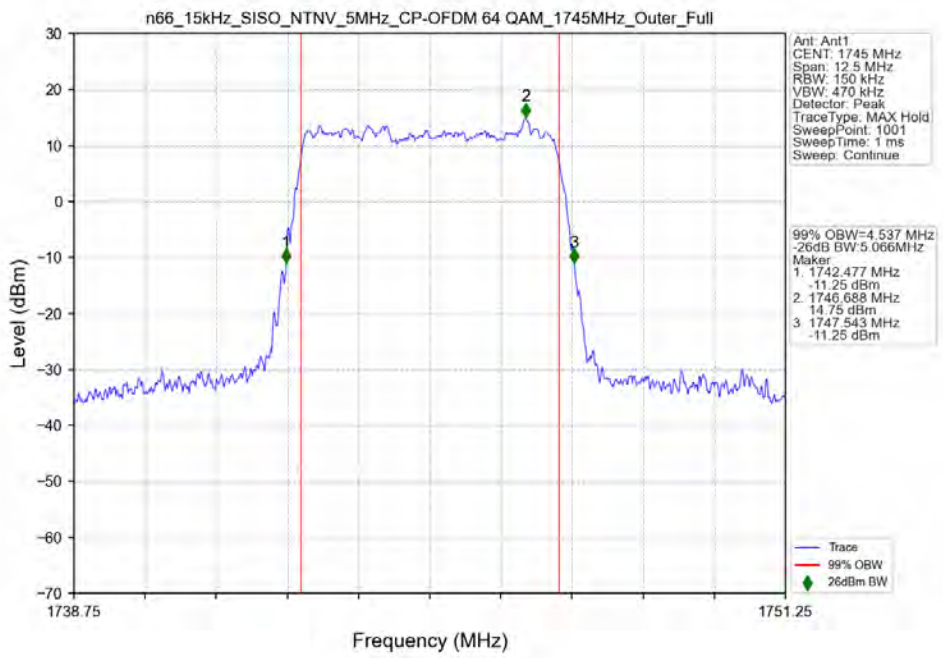

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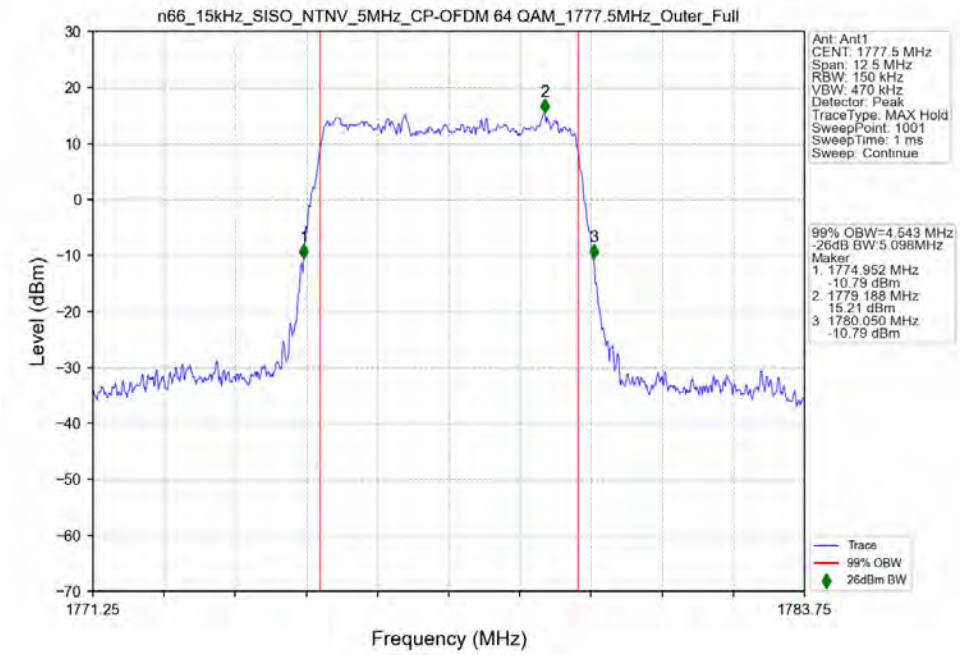

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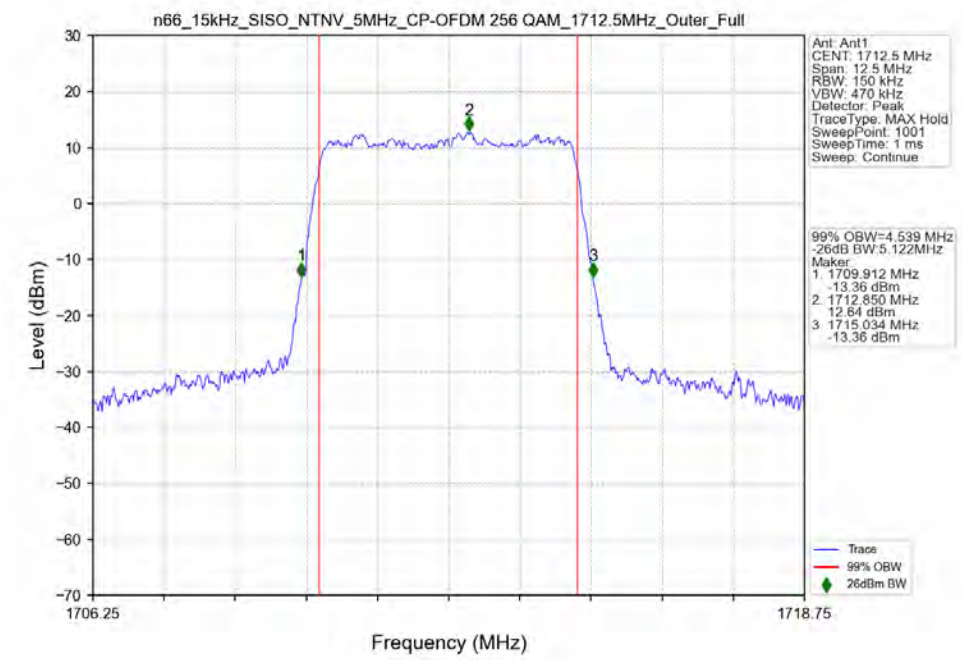

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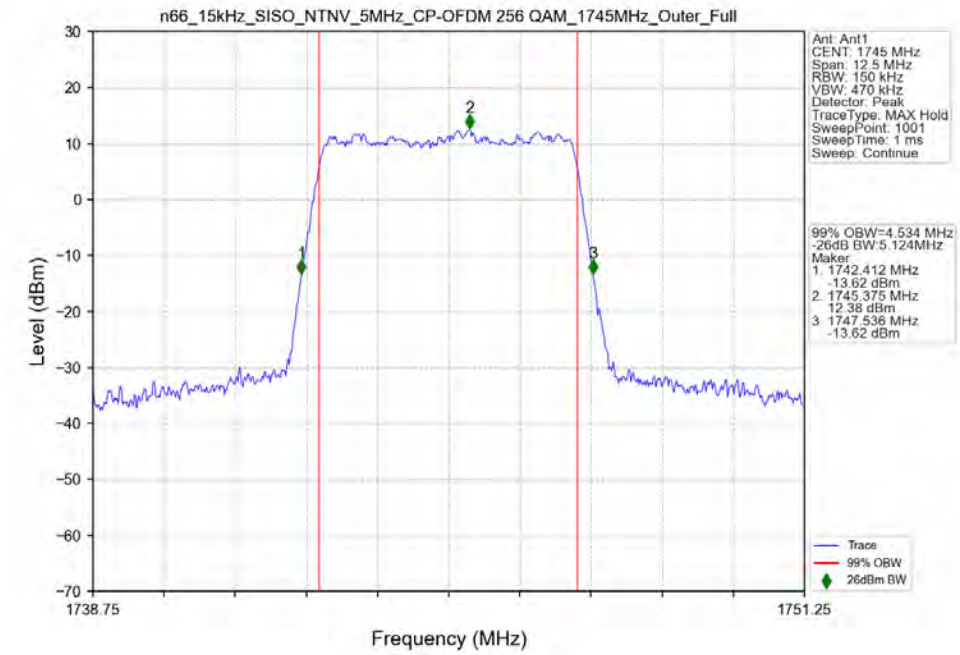

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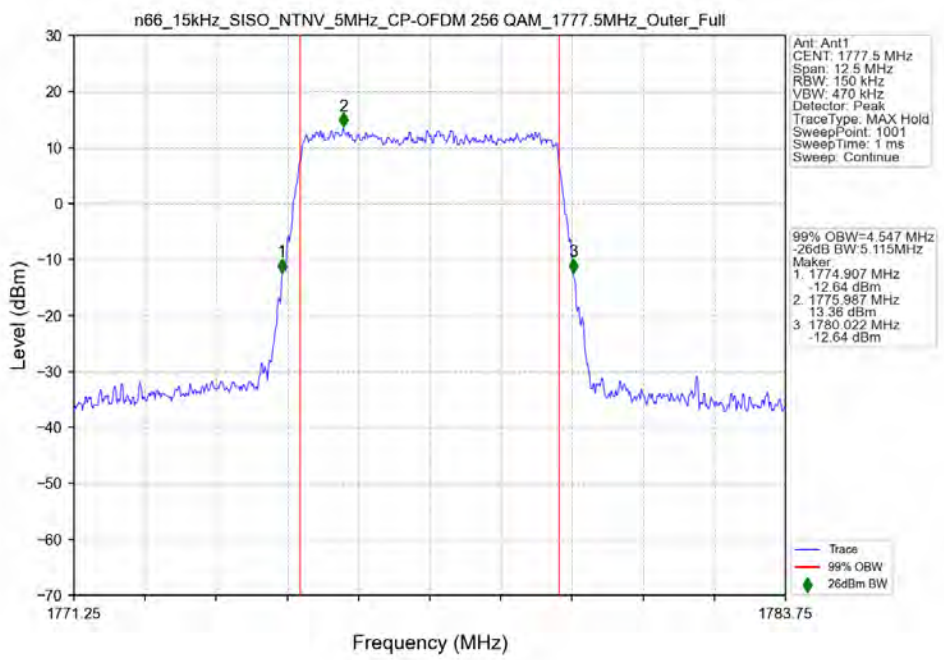
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1777.5MHz_Outer_Full



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3.2 15k_SISO_10MHz_NTNV

3.2.1 Test Result

5G NR n66 SCS=15kHz SISO 10MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1715	Outer_Full	9.04	9.85	/	Pass
	1745	Outer_Full	9.04	9.81	/	Pass
	1775	Outer_Full	9.03	9.83	/	Pass
DFT-s-OFDM QPSK	1715	Outer_Full	9.06	9.83	/	Pass
	1745	Outer_Full	9.07	9.86	/	Pass
	1775	Outer_Full	9.07	9.87	/	Pass
DFT-s-OFDM 16 QAM	1715	Outer_Full	9.06	9.85	/	Pass
	1745	Outer_Full	9.06	9.83	/	Pass
	1775	Outer_Full	9.05	9.85	/	Pass
DFT-s-OFDM 64 QAM	1715	Outer_Full	9.05	9.82	/	Pass
	1745	Outer_Full	9.04	9.87	/	Pass
	1775	Outer_Full	9.05	9.86	/	Pass
DFT-s-OFDM 256 QAM	1715	Outer_Full	9.06	9.93	/	Pass
	1745	Outer_Full	9.06	9.85	/	Pass
	1775	Outer_Full	9.05	9.90	/	Pass
CP-OFDM QPSK	1715	Outer_Full	9.37	10.25	/	Pass
	1745	Outer_Full	9.37	10.27	/	Pass
	1775	Outer_Full	9.36	10.25	/	Pass
CP-OFDM 16 QAM	1715	Outer_Full	9.38	10.20	/	Pass
	1745	Outer_Full	9.38	10.20	/	Pass
	1775	Outer_Full	9.36	10.23	/	Pass
CP-OFDM 64 QAM	1715	Outer_Full	9.36	10.16	/	Pass
	1745	Outer_Full	9.36	10.21	/	Pass
	1775	Outer_Full	9.35	10.15	/	Pass
CP-OFDM 256 QAM	1715	Outer_Full	9.39	10.19	/	Pass
	1745	Outer_Full	9.41	10.24	/	Pass
	1775	Outer_Full	9.39	10.23	/	Pass

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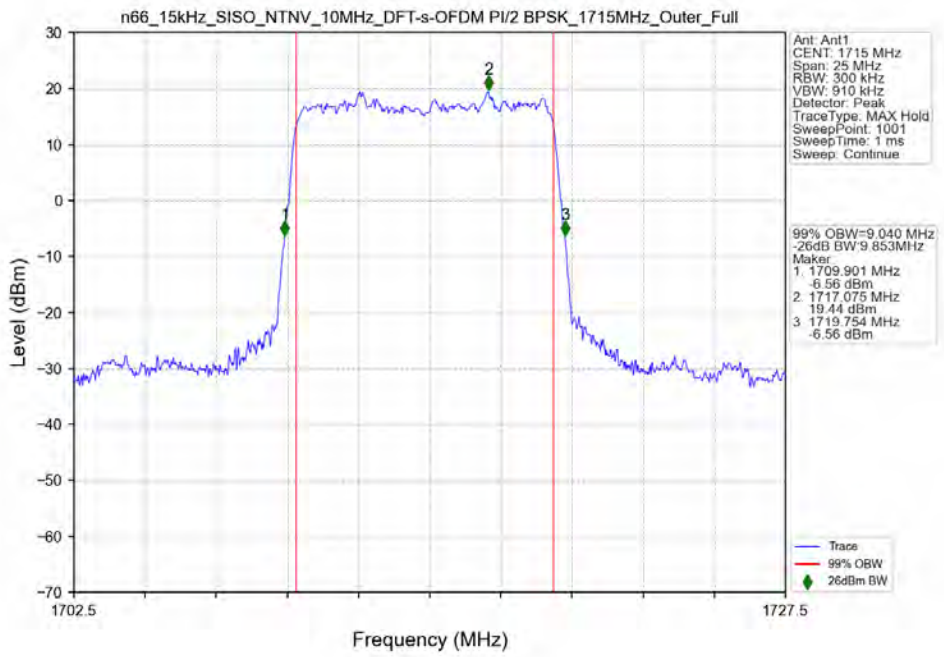
3.2.2 Test Graph

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1715MHz_Outer_Full



n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full

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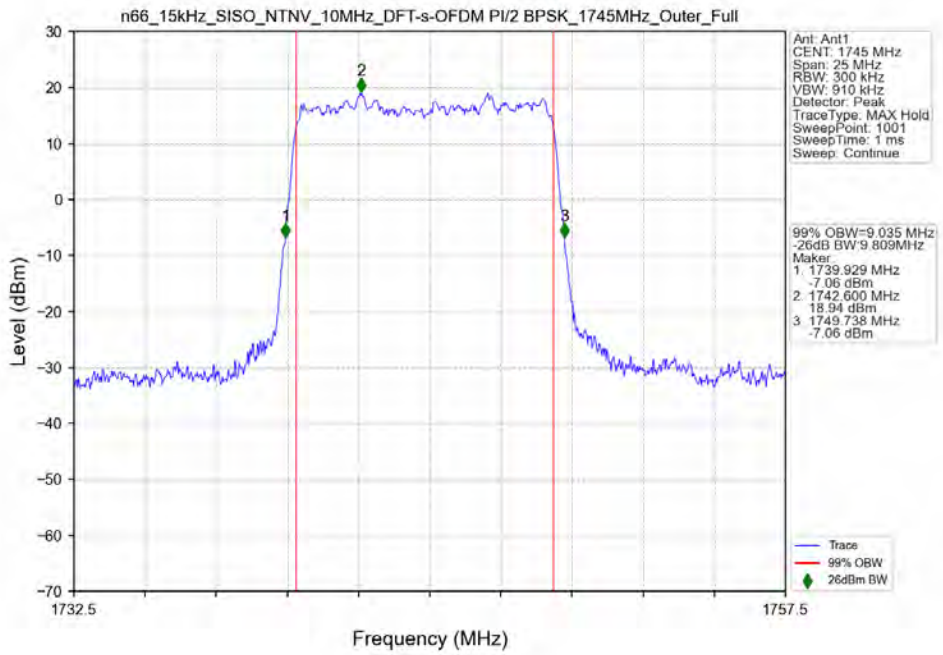

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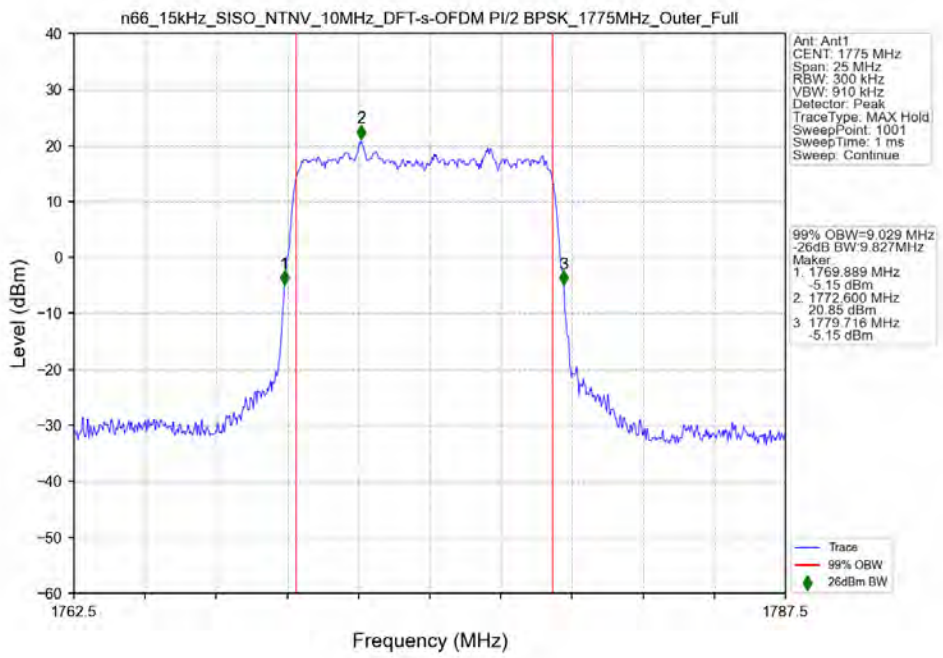
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1775MHz_Outer_Full



n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1715MHz_Outer_Full

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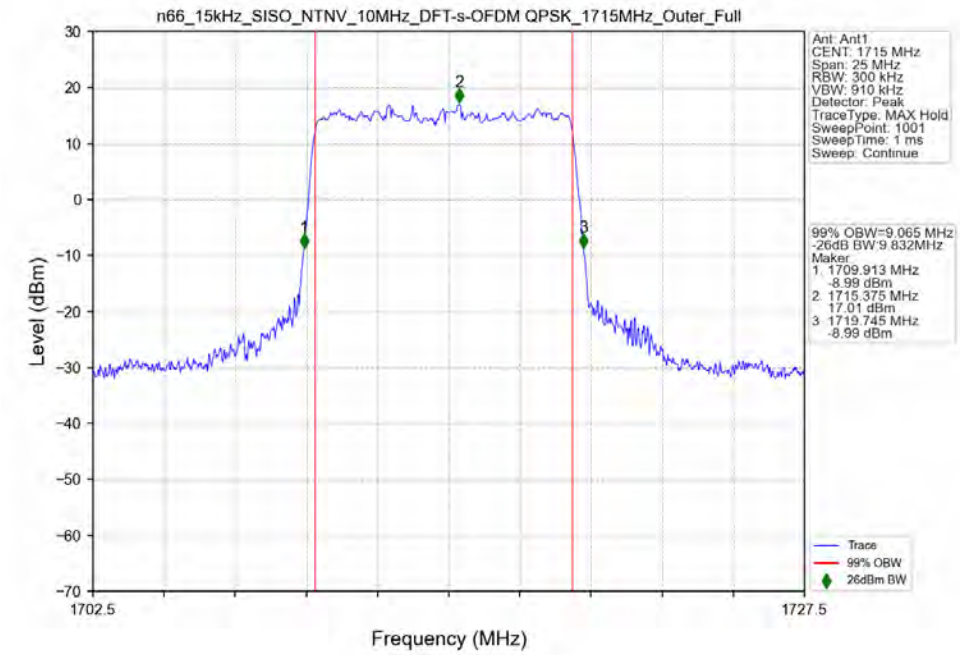

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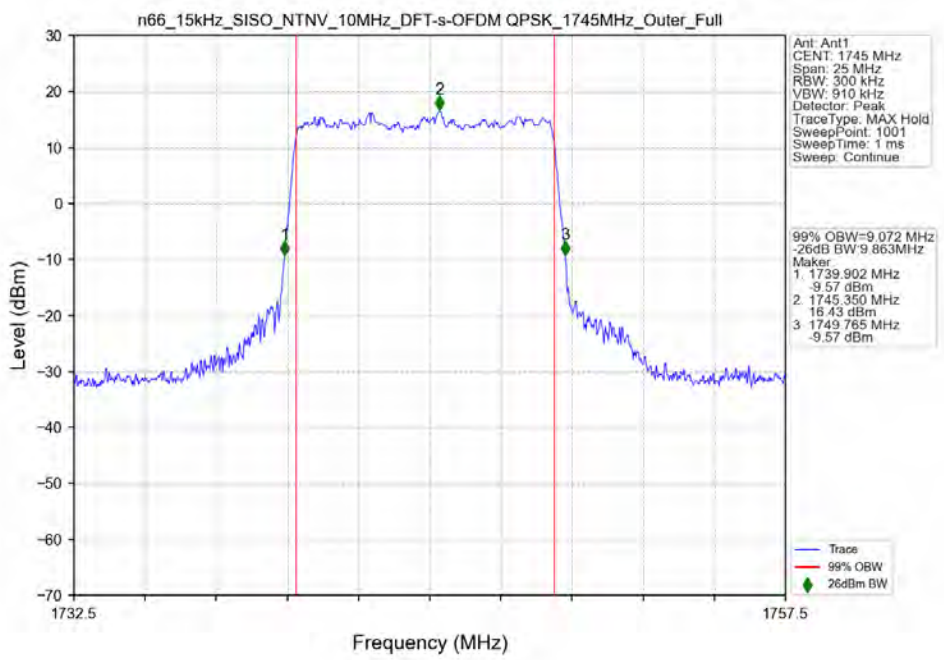

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1775MHz_Outer_Full

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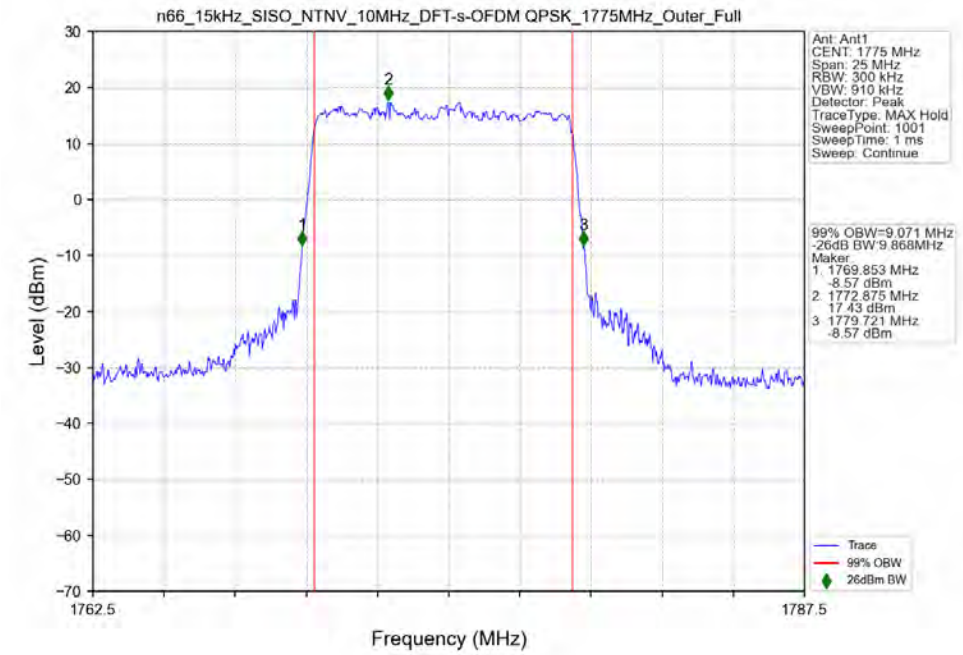

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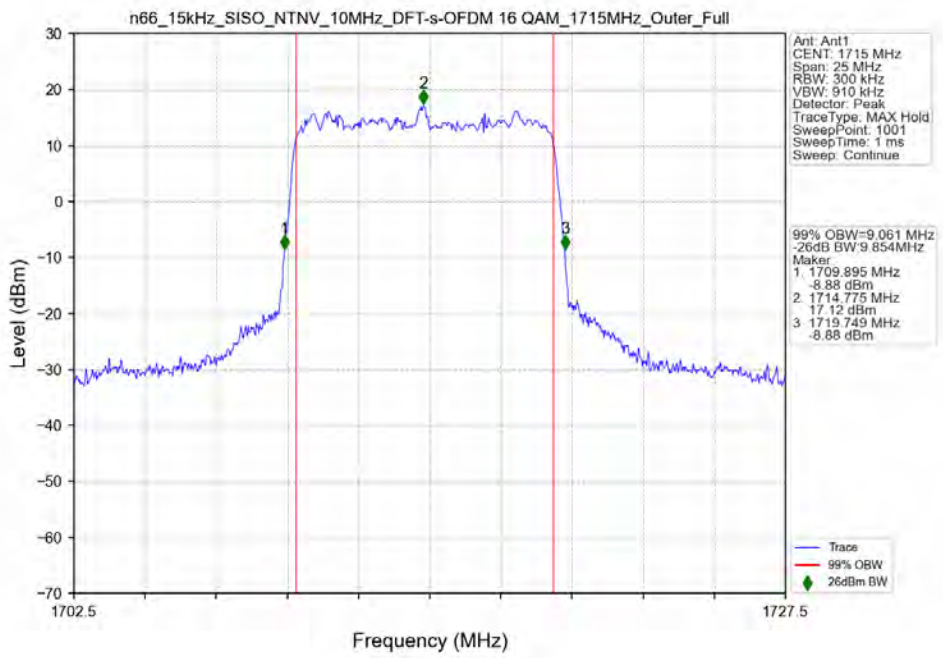

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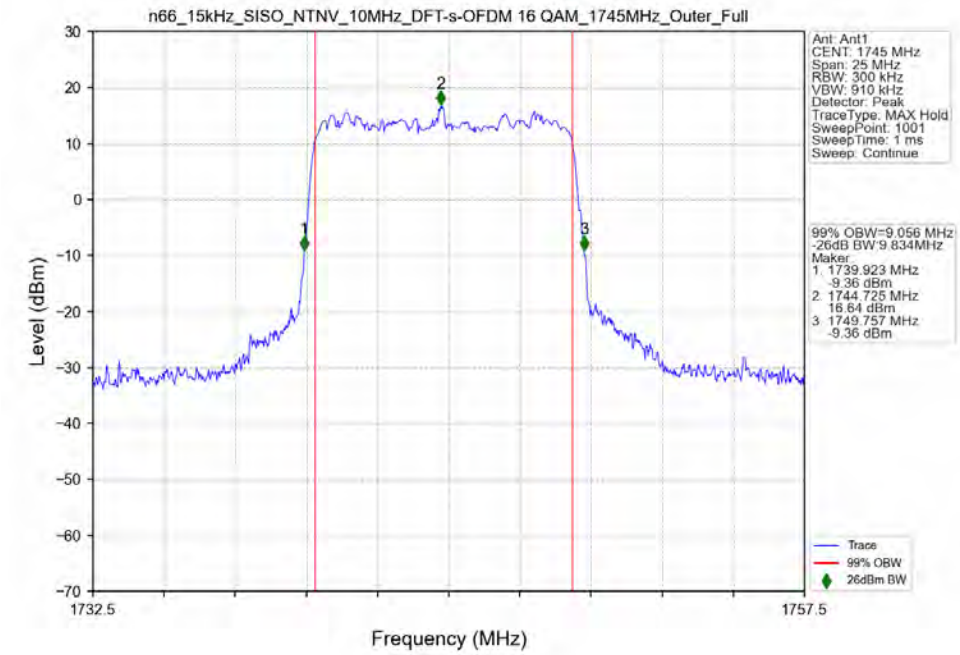

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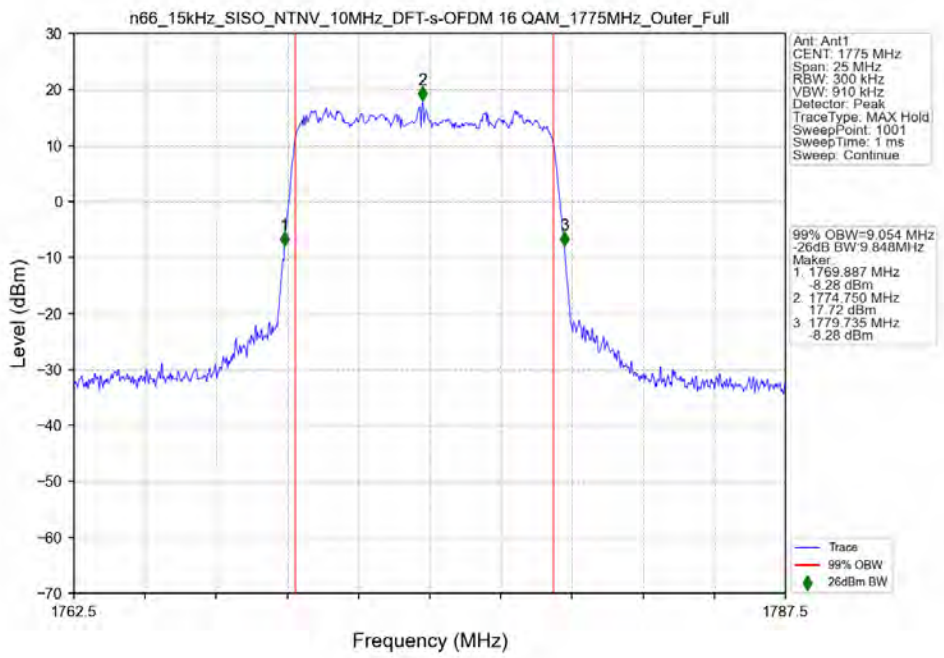

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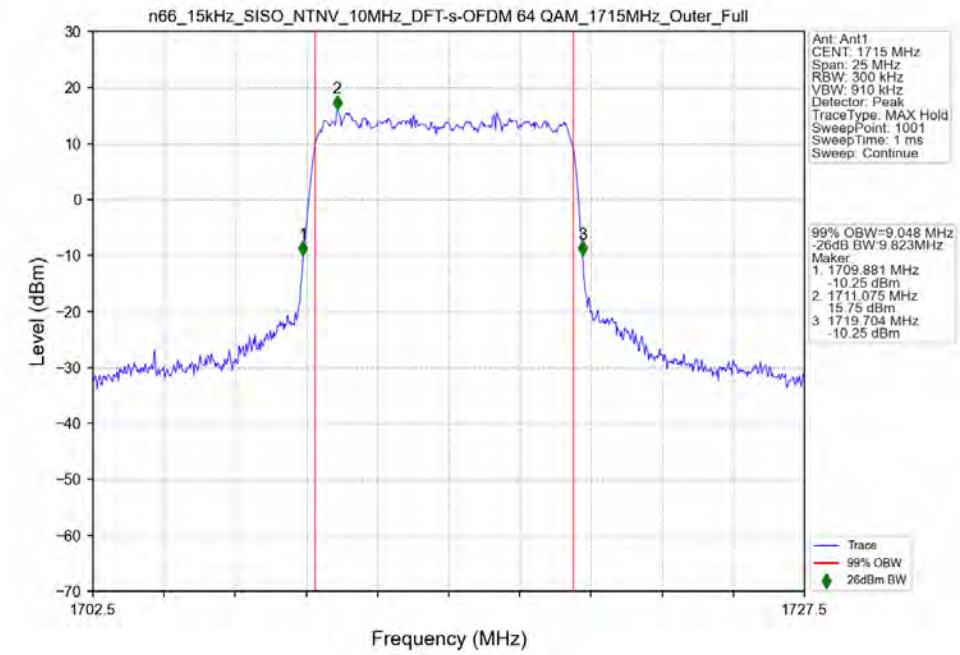

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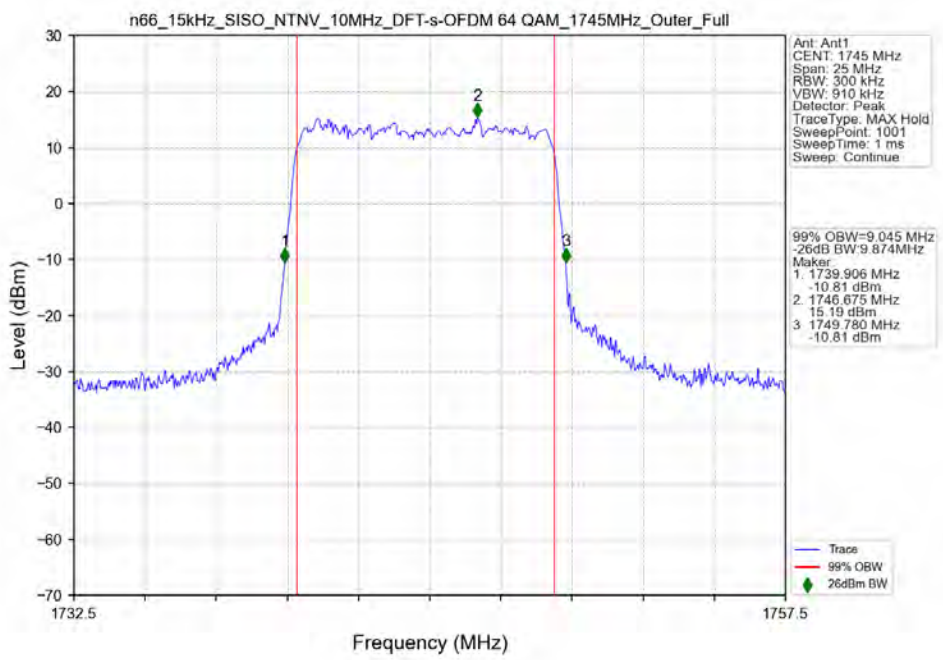

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1775MHz_Outer_Full

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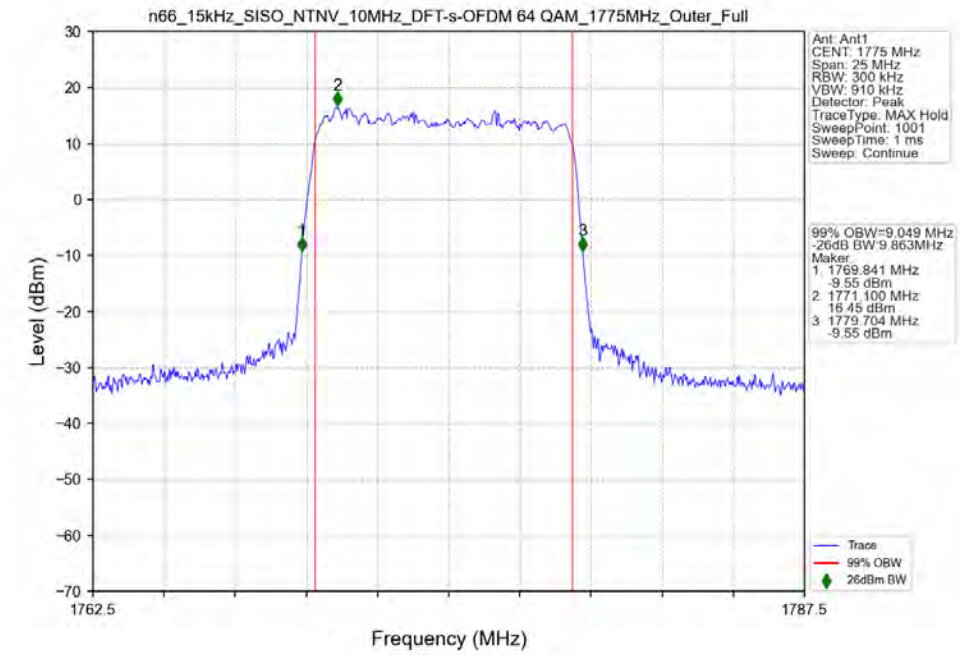

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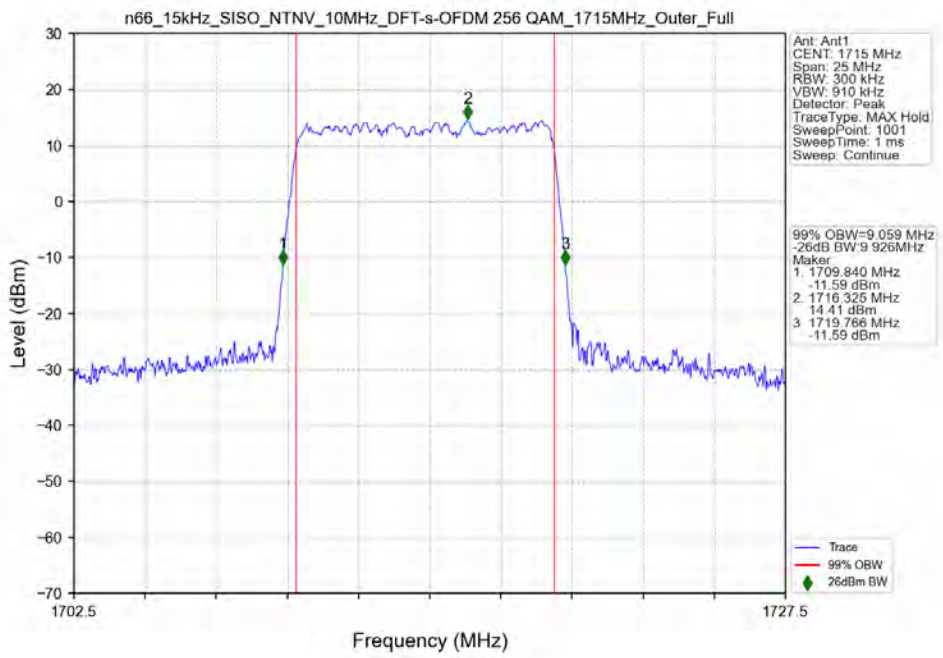
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1715MHz_Outer_Full



n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1745MHz_Outer_Full

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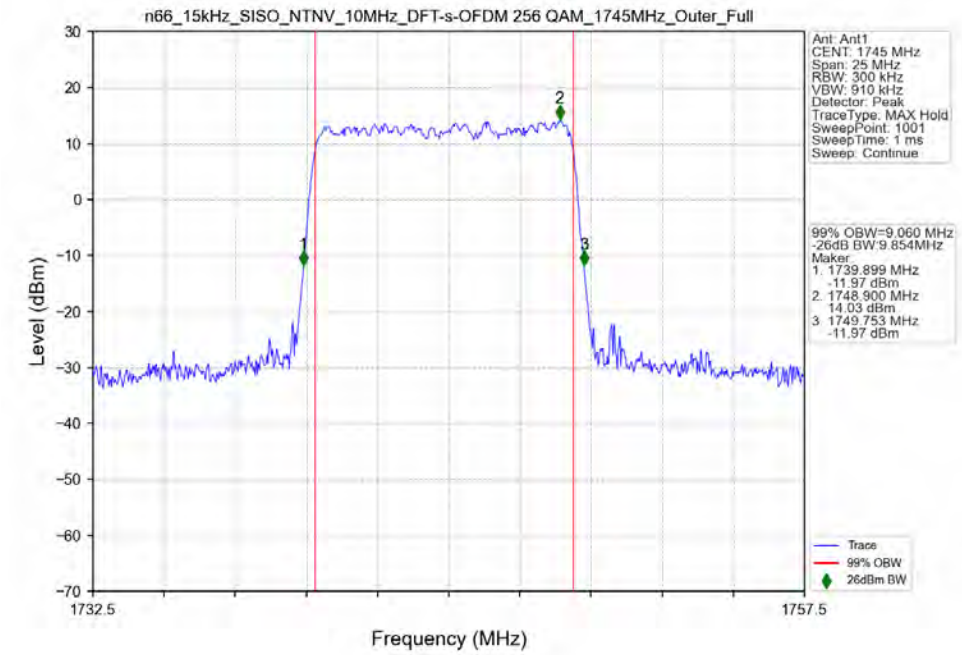

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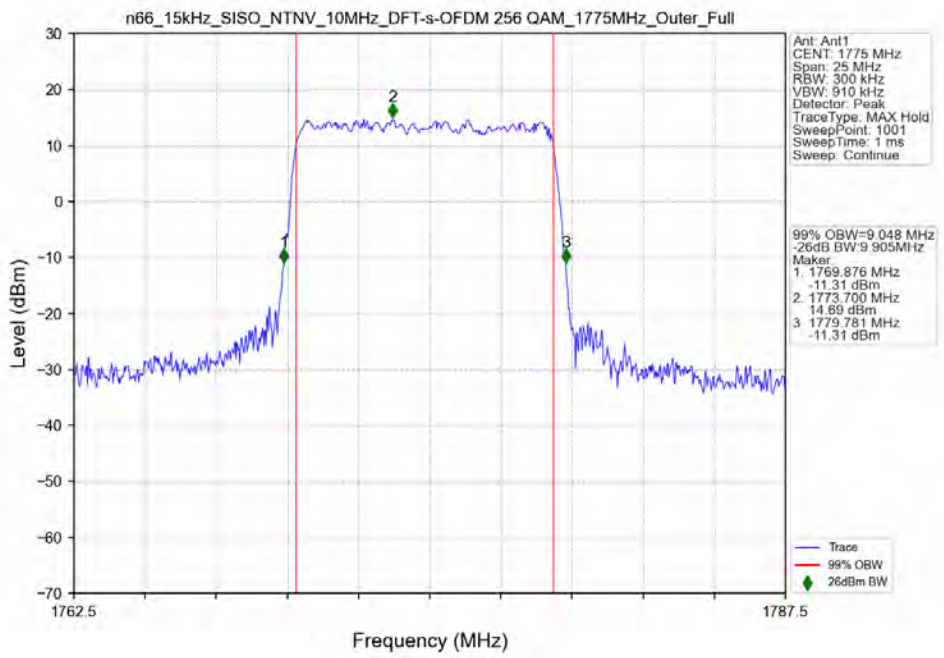

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1715MHz_Outer_Full

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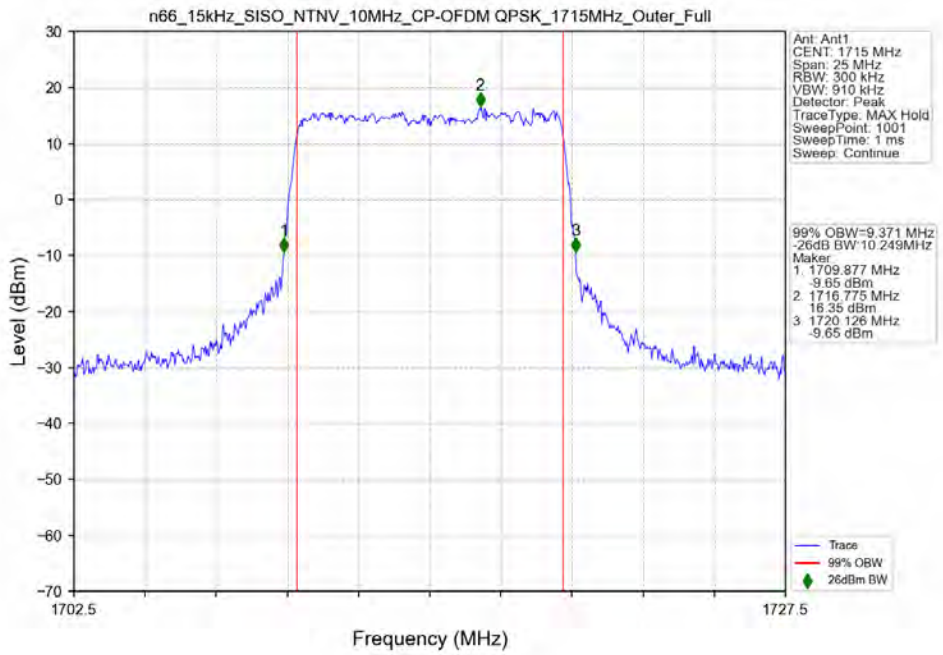

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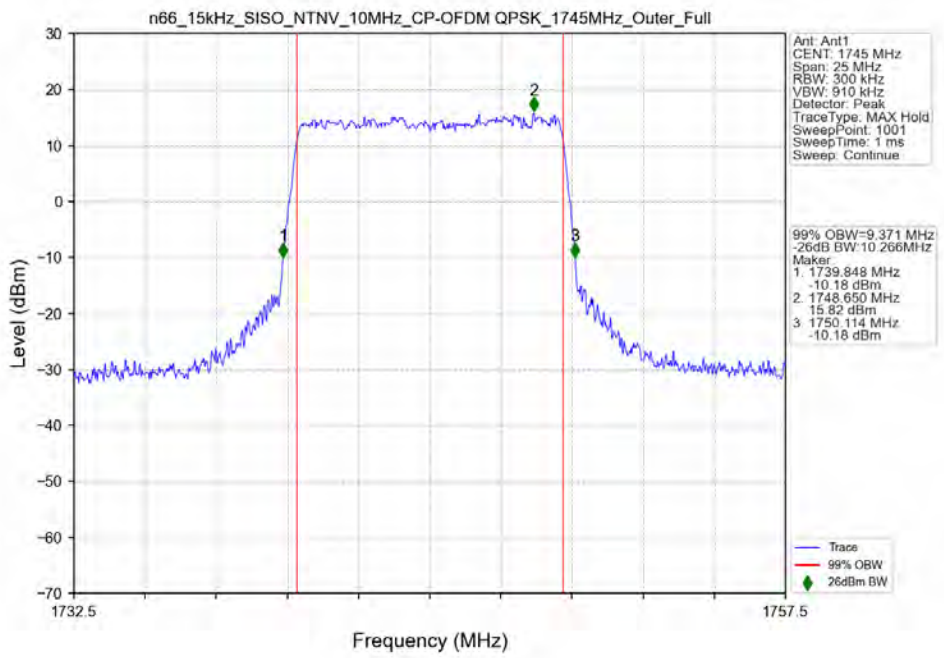

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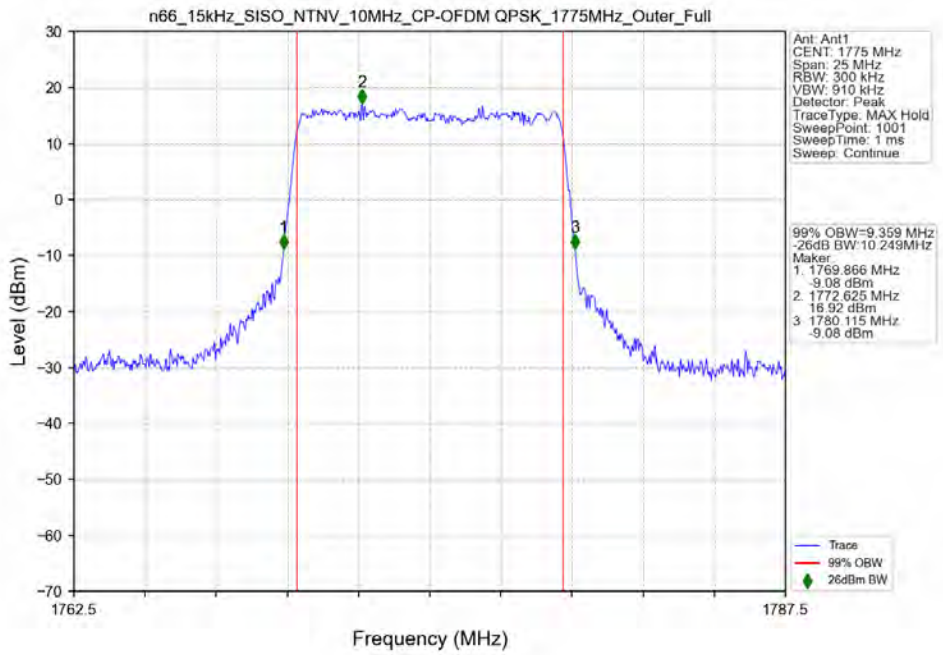

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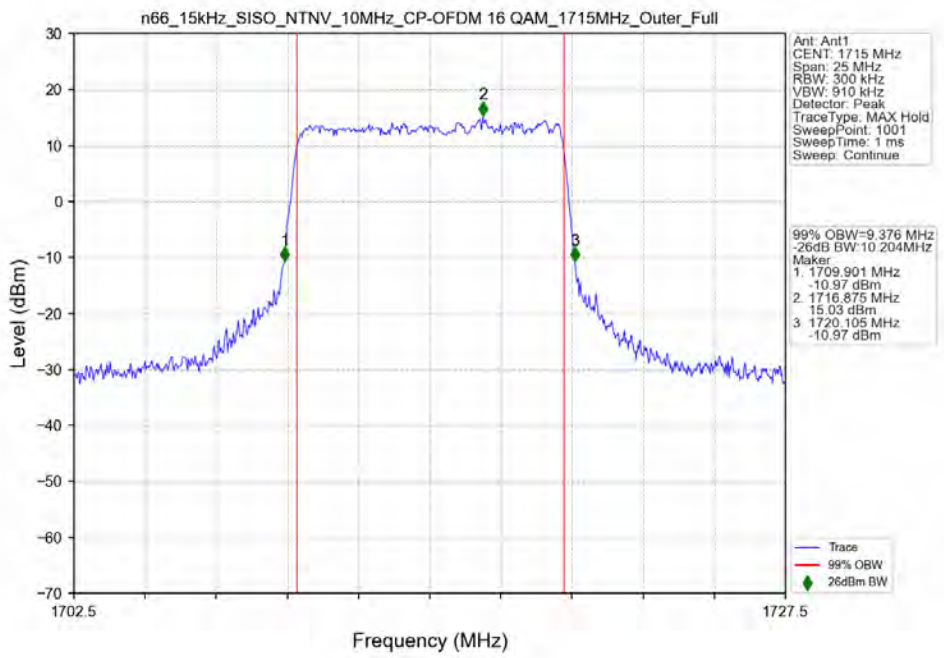

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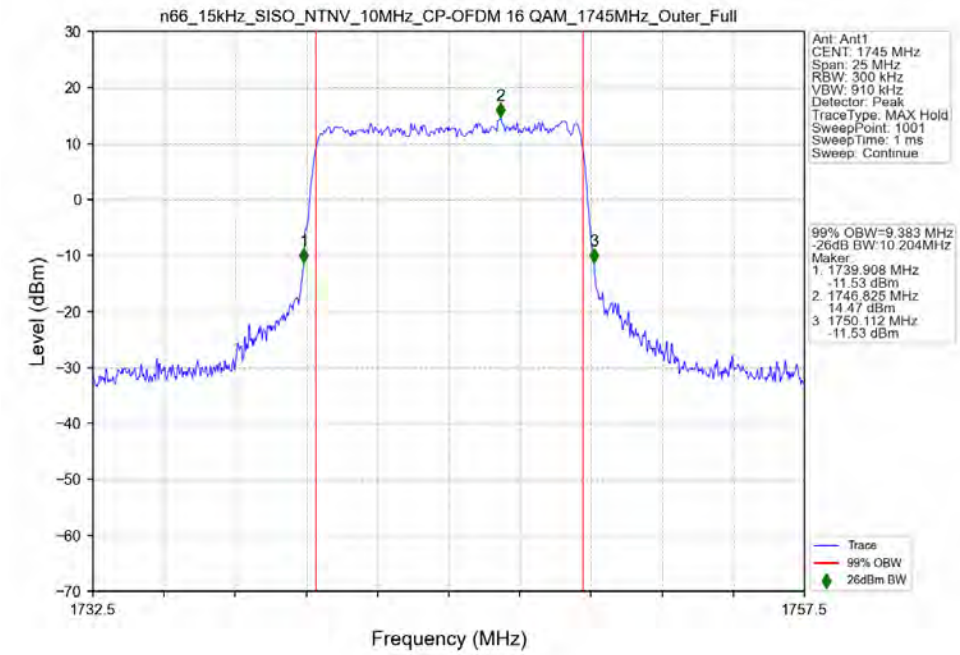

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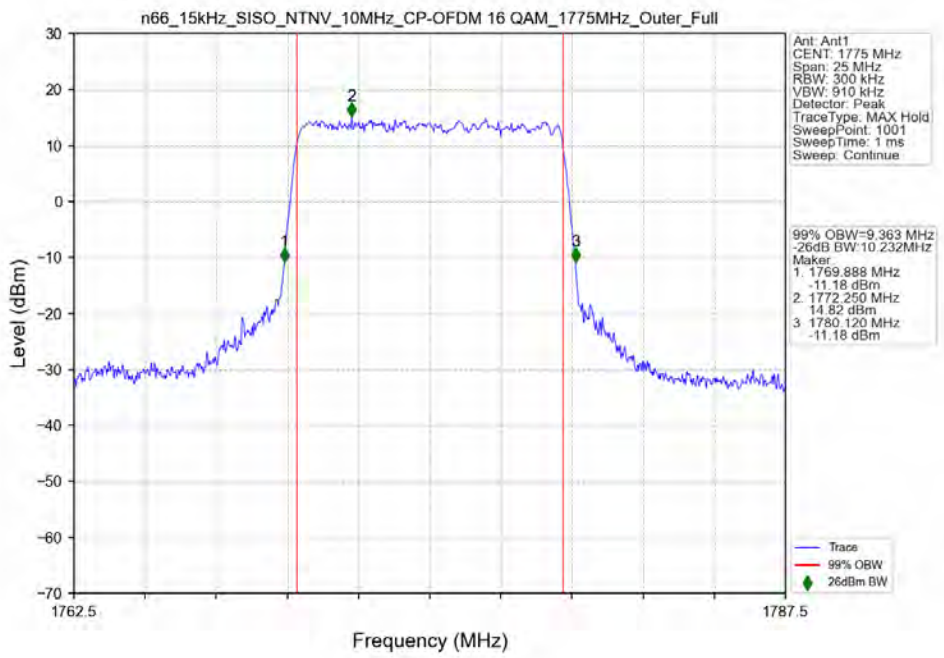

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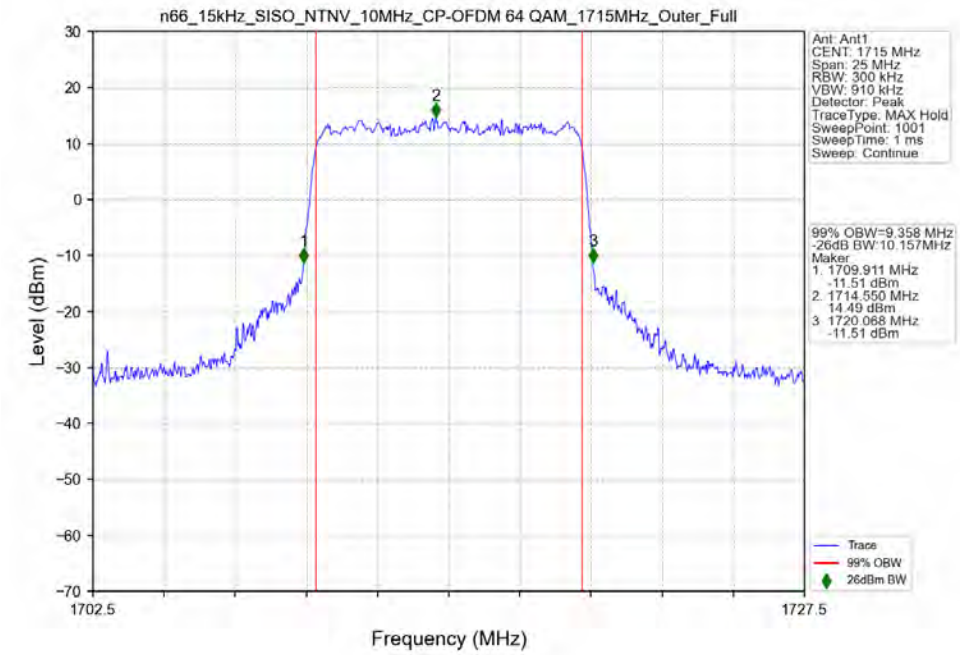

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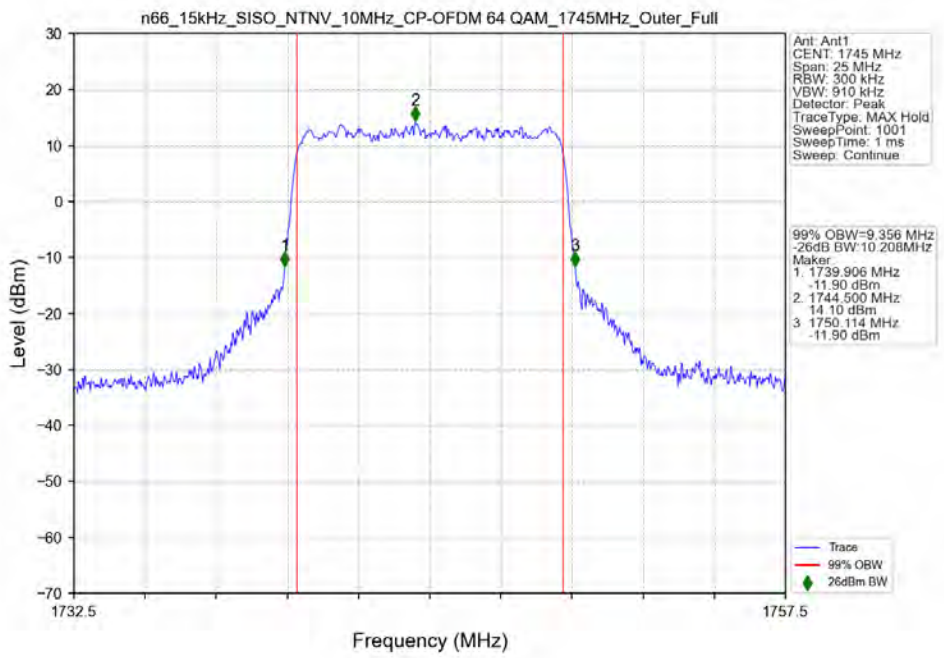

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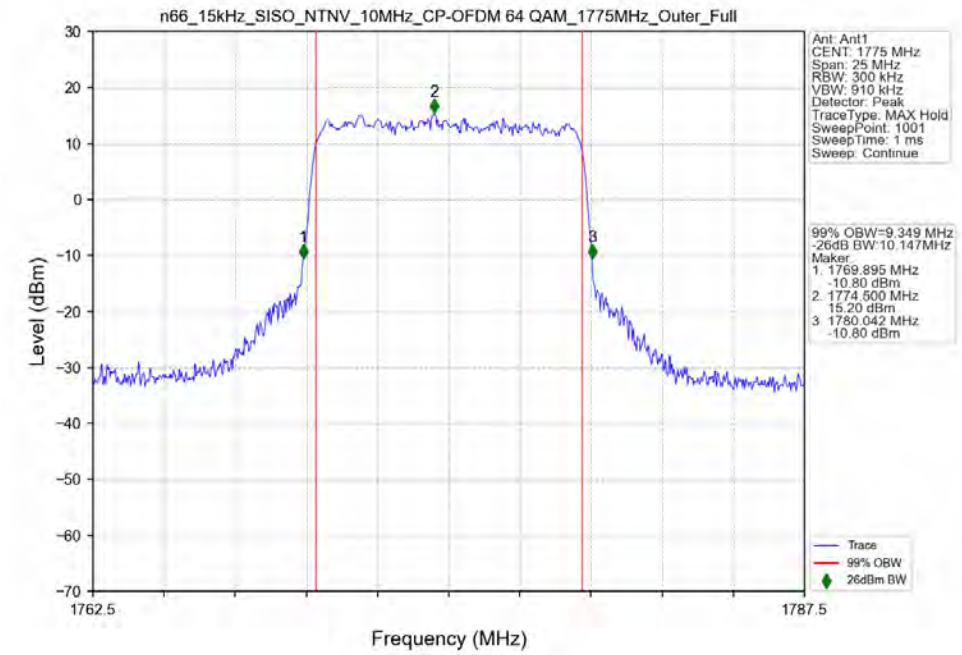

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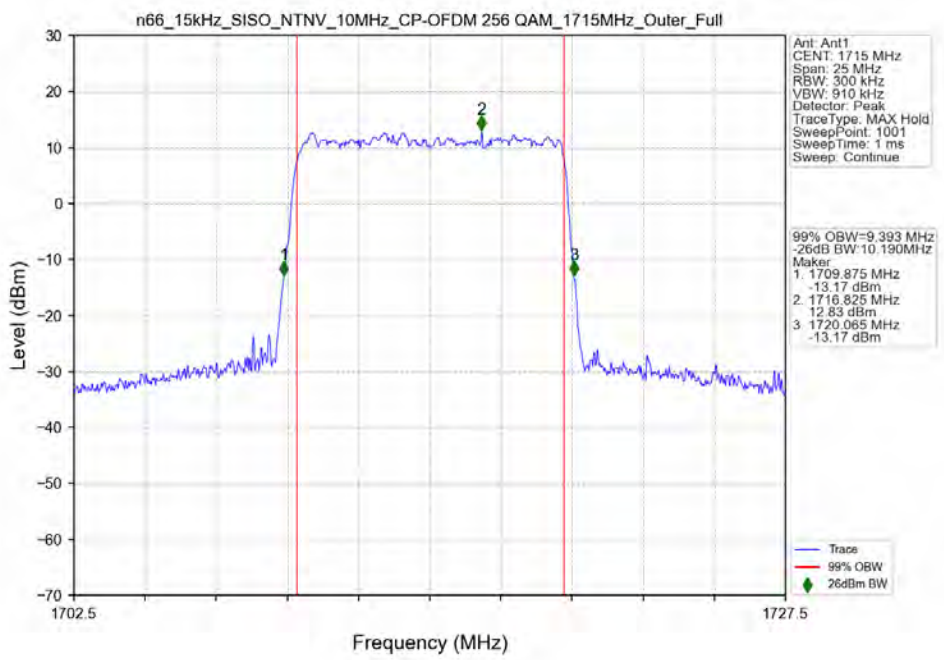
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1715MHz_Outer_Full



n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full

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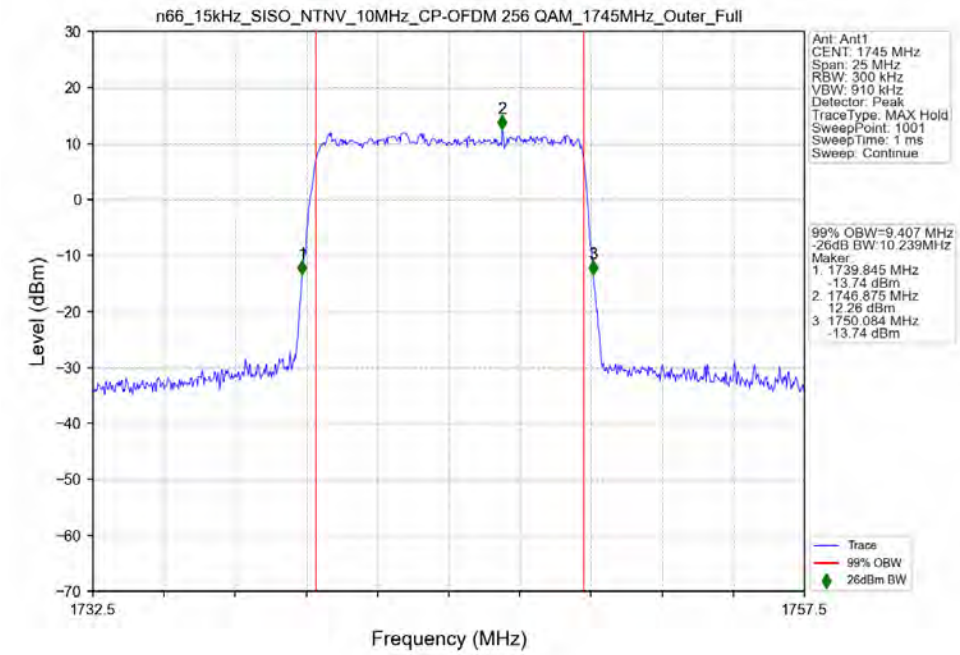

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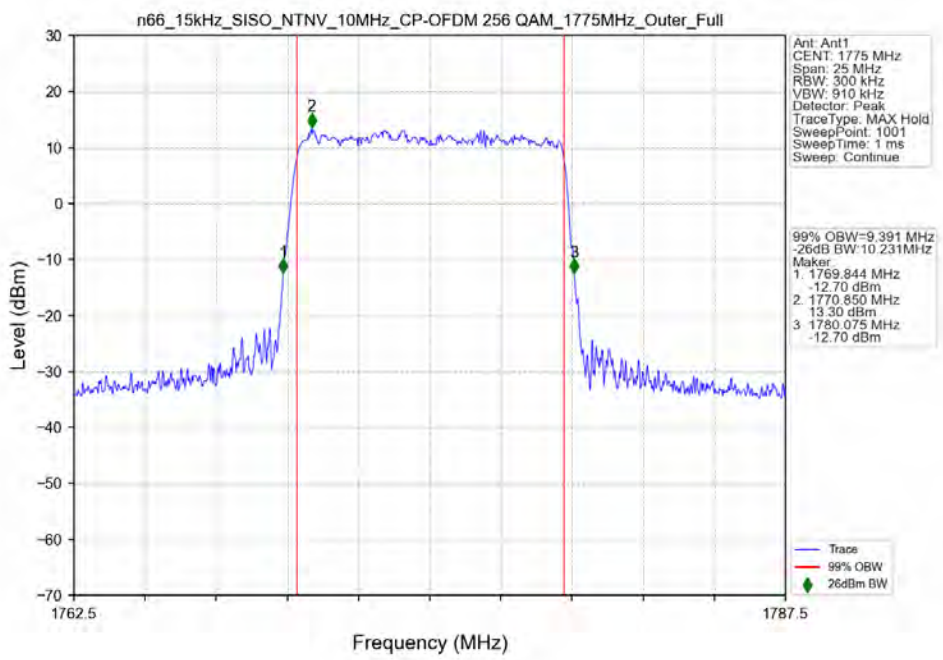
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1775MHz_Outer_Full



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3.3 15k_SISO_15MHz_NTNV

3.3.1 Test Result

5G NR n66 SCS=15kHz SISO 15MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1717.5	Outer_Full	13.57	14.63	/	Pass
	1745	Outer_Full	13.56	14.62	/	Pass
	1772.5	Outer_Full	13.56	14.63	/	Pass
DFT-s-OFDM QPSK	1717.5	Outer_Full	13.59	14.65	/	Pass
	1745	Outer_Full	13.60	14.66	/	Pass
	1772.5	Outer_Full	13.59	14.71	/	Pass
DFT-s-OFDM 16 QAM	1717.5	Outer_Full	13.64	14.67	/	Pass
	1745	Outer_Full	13.65	14.73	/	Pass
	1772.5	Outer_Full	13.62	14.63	/	Pass
DFT-s-OFDM 64 QAM	1717.5	Outer_Full	13.55	14.66	/	Pass
	1745	Outer_Full	13.55	14.67	/	Pass
	1772.5	Outer_Full	13.53	14.64	/	Pass
DFT-s-OFDM 256 QAM	1717.5	Outer_Full	13.57	14.63	/	Pass
	1745	Outer_Full	13.59	14.61	/	Pass
	1772.5	Outer_Full	13.58	14.68	/	Pass
CP-OFDM QPSK	1717.5	Outer_Full	14.23	15.35	/	Pass
	1745	Outer_Full	14.28	15.32	/	Pass
	1772.5	Outer_Full	14.22	15.34	/	Pass
CP-OFDM 16 QAM	1717.5	Outer_Full	14.26	15.42	/	Pass
	1745	Outer_Full	14.26	15.38	/	Pass
	1772.5	Outer_Full	14.24	15.35	/	Pass
CP-OFDM 64 QAM	1717.5	Outer_Full	14.31	15.41	/	Pass
	1745	Outer_Full	14.30	15.38	/	Pass
	1772.5	Outer_Full	14.29	15.34	/	Pass
CP-OFDM 256 QAM	1717.5	Outer_Full	14.22	15.37	/	Pass
	1745	Outer_Full	14.25	15.39	/	Pass
	1772.5	Outer_Full	14.21	15.37	/	Pass

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3.3.2 Test Graph

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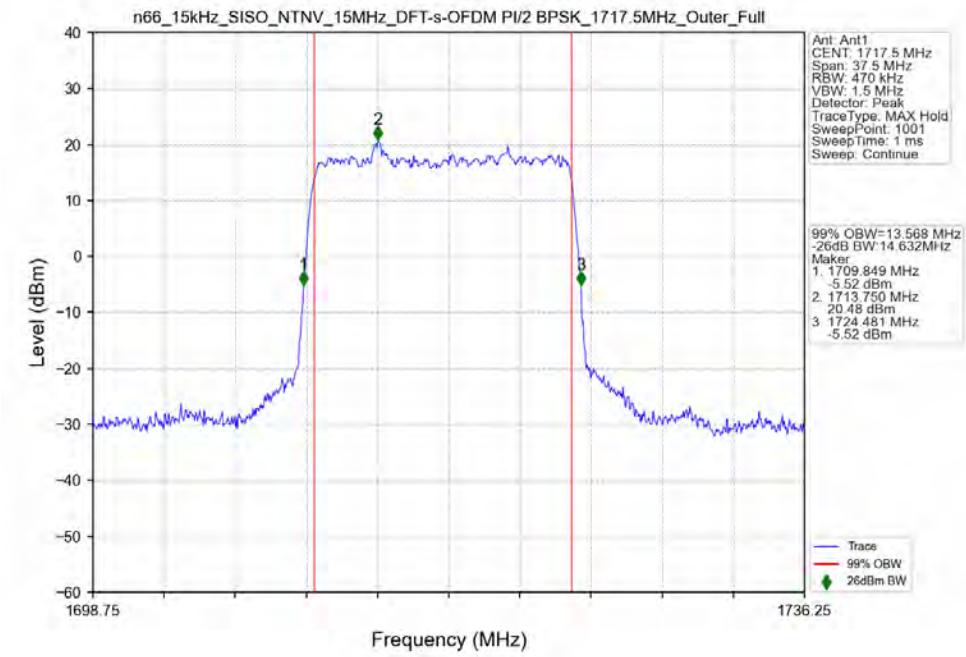

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full

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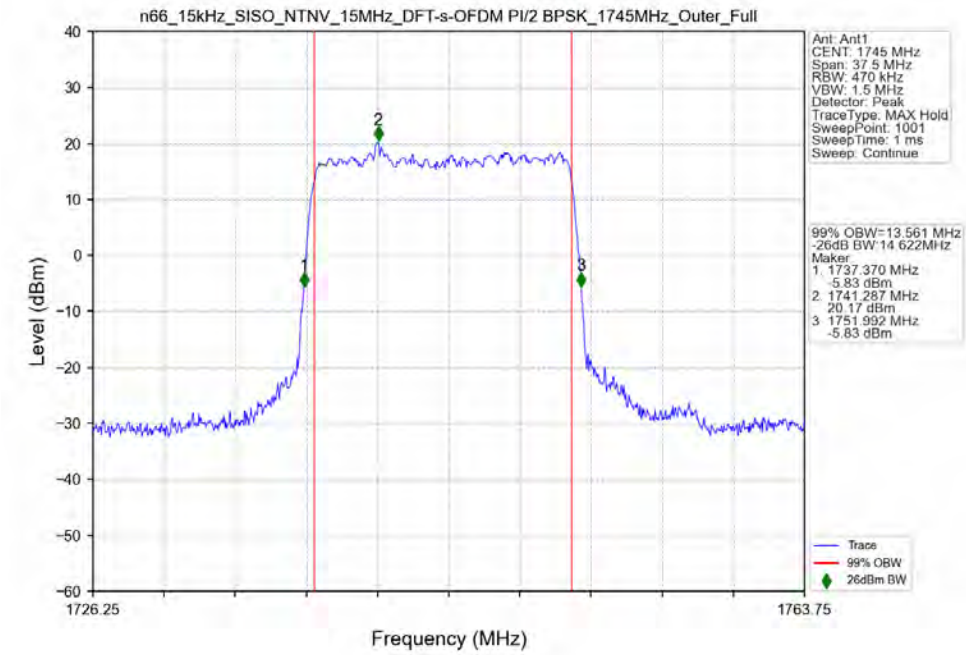

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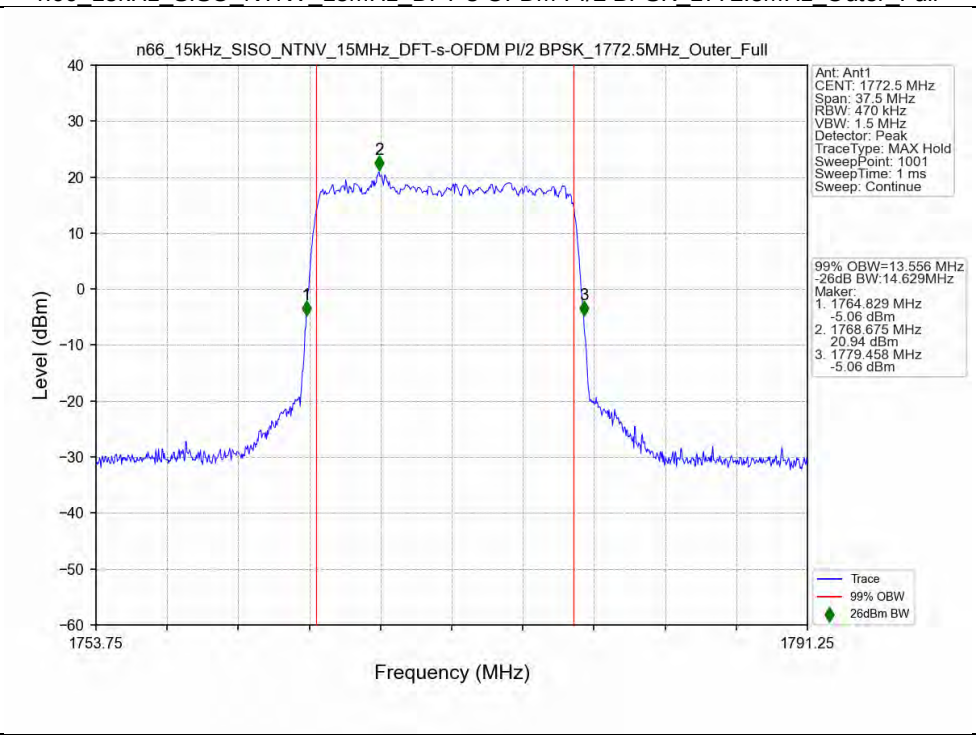

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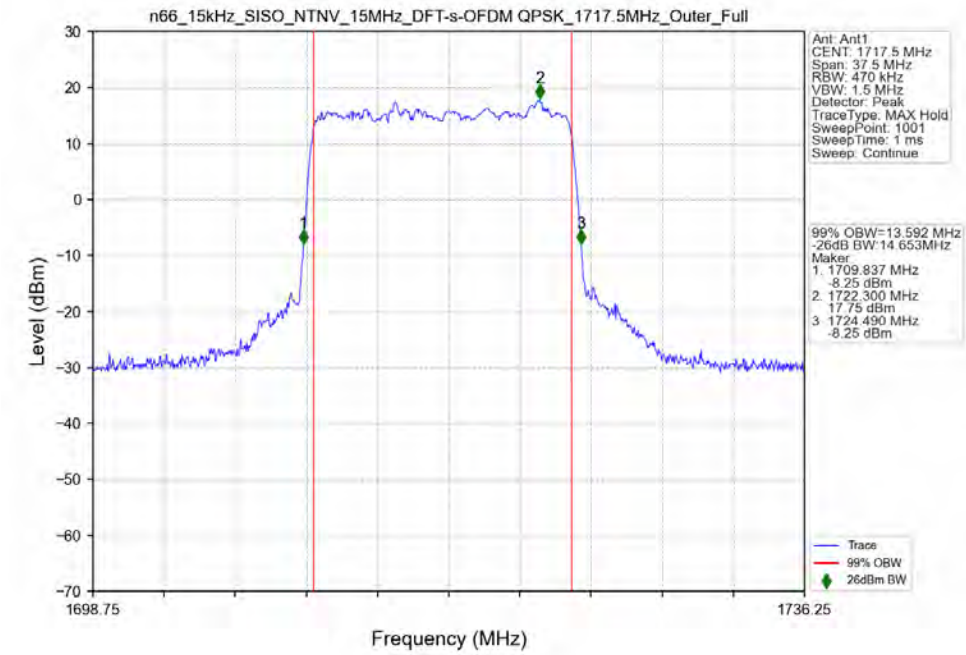

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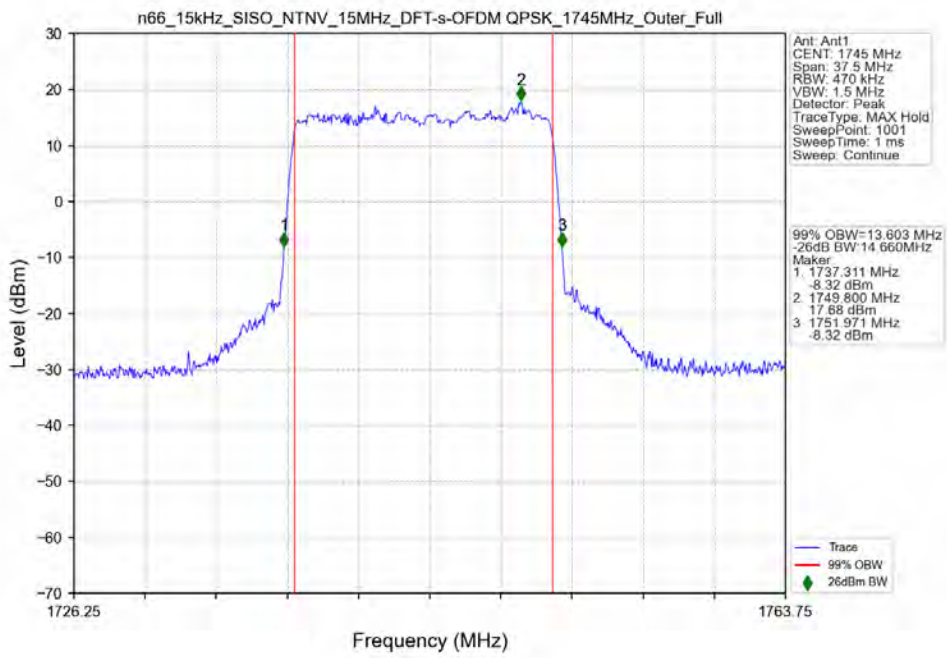

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1772.5MHz_Outer_Full

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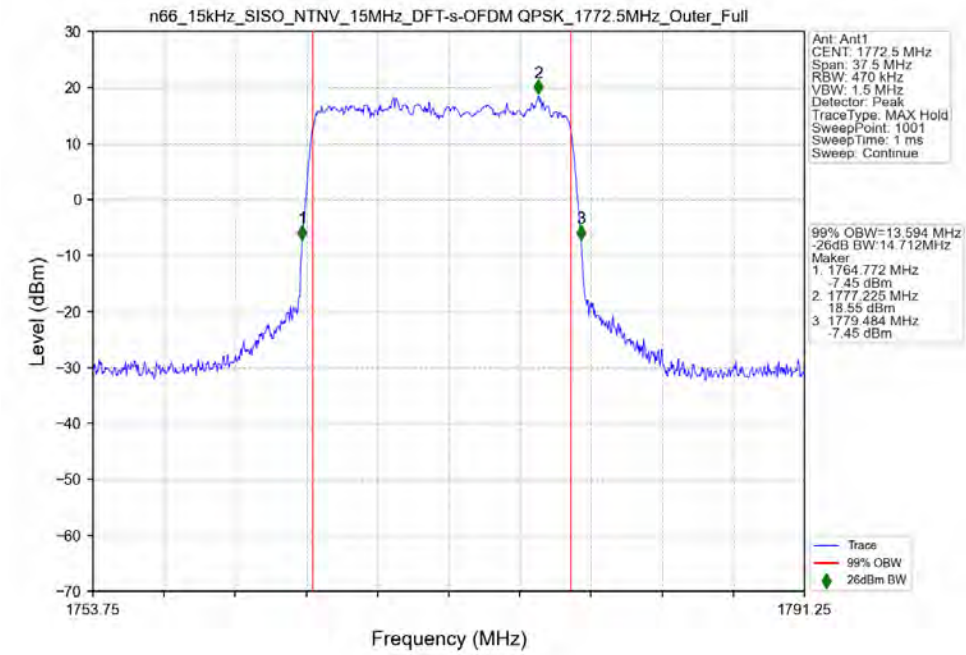

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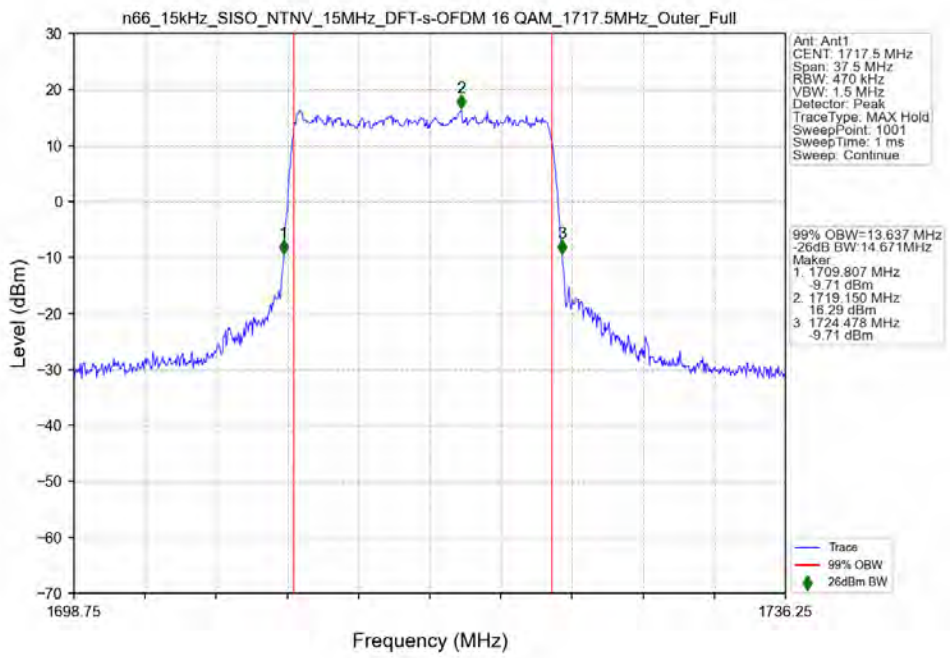

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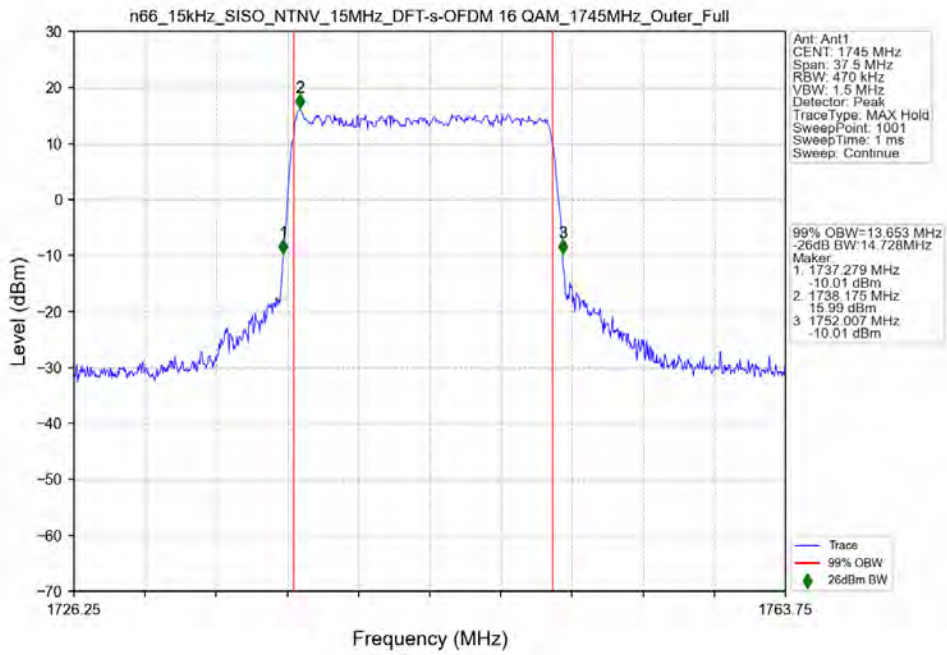

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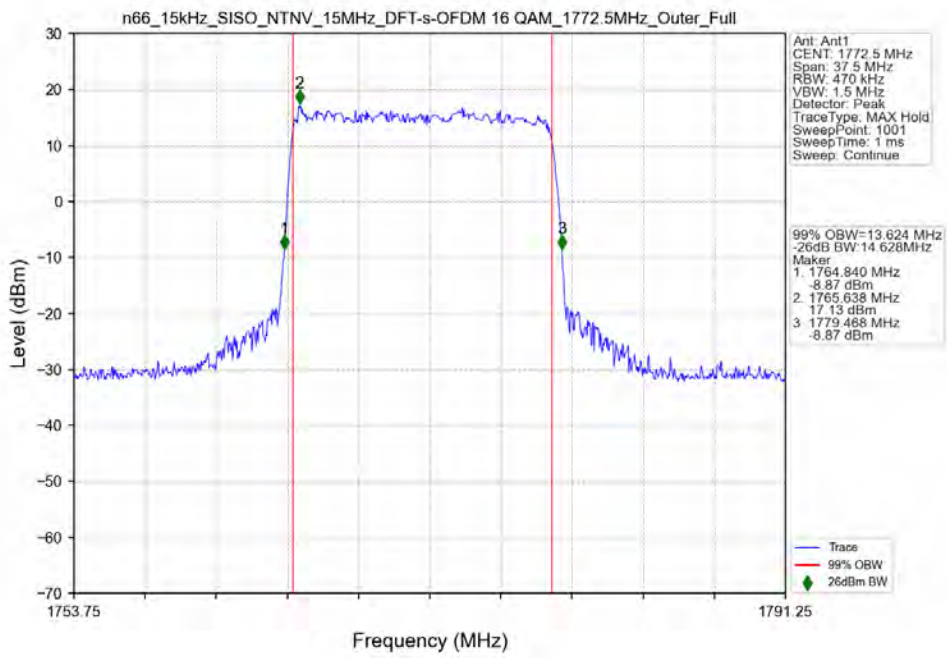
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1772.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1717.5MHz_Outer_Full

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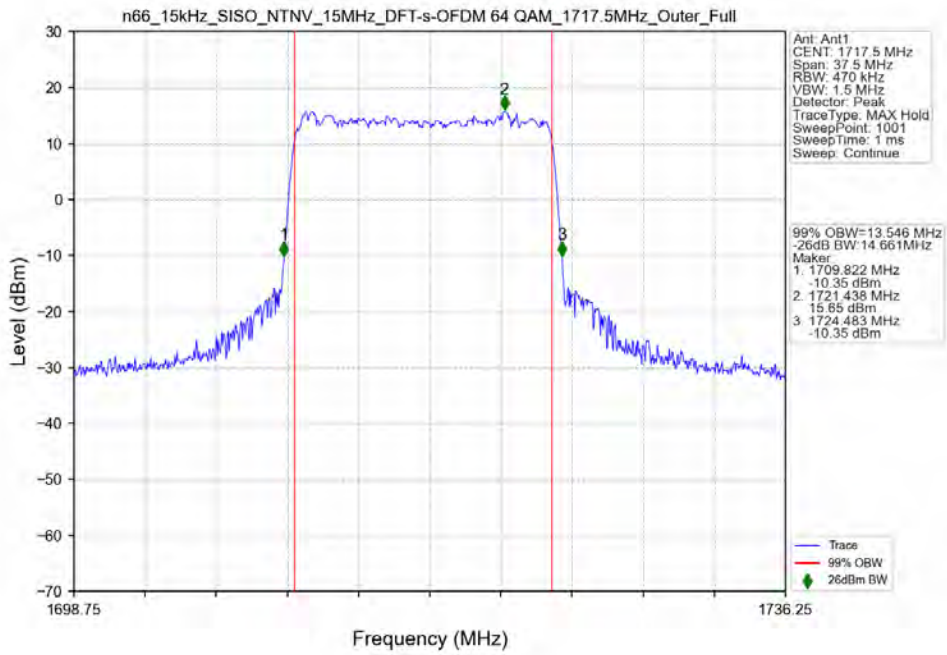

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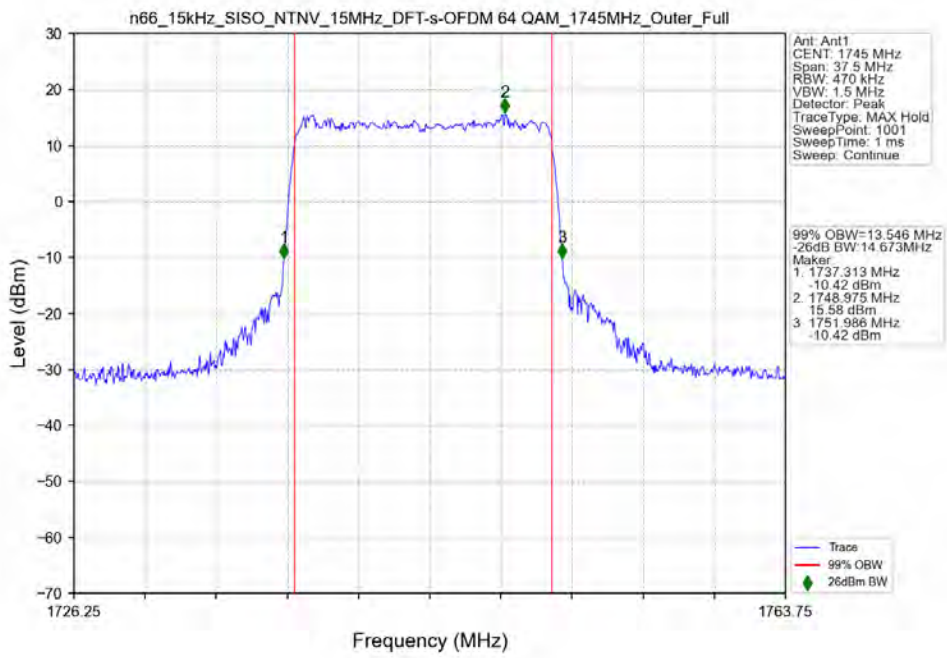

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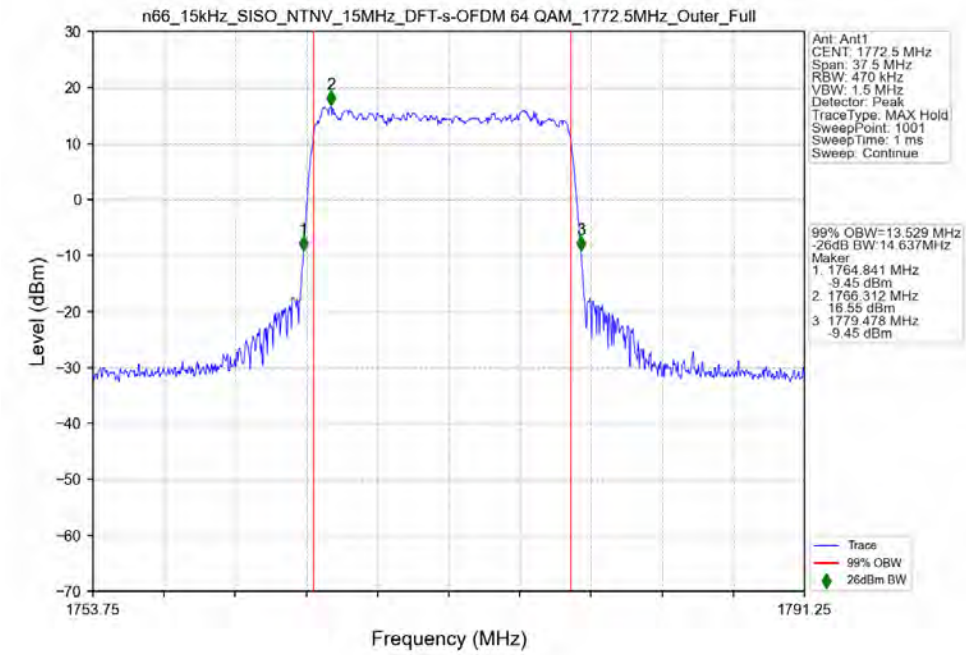

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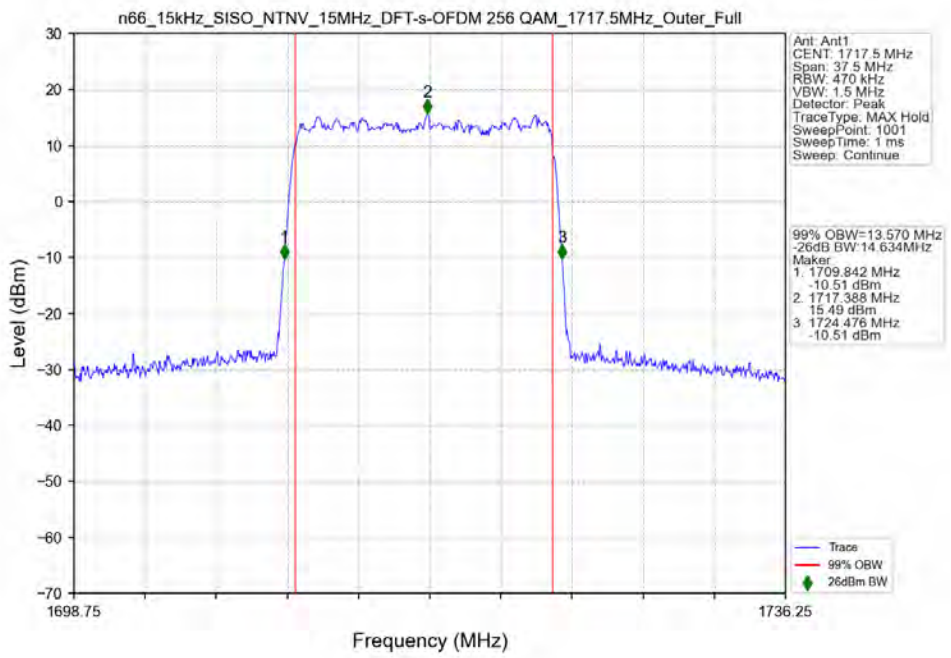

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1745MHz_Outer_Full

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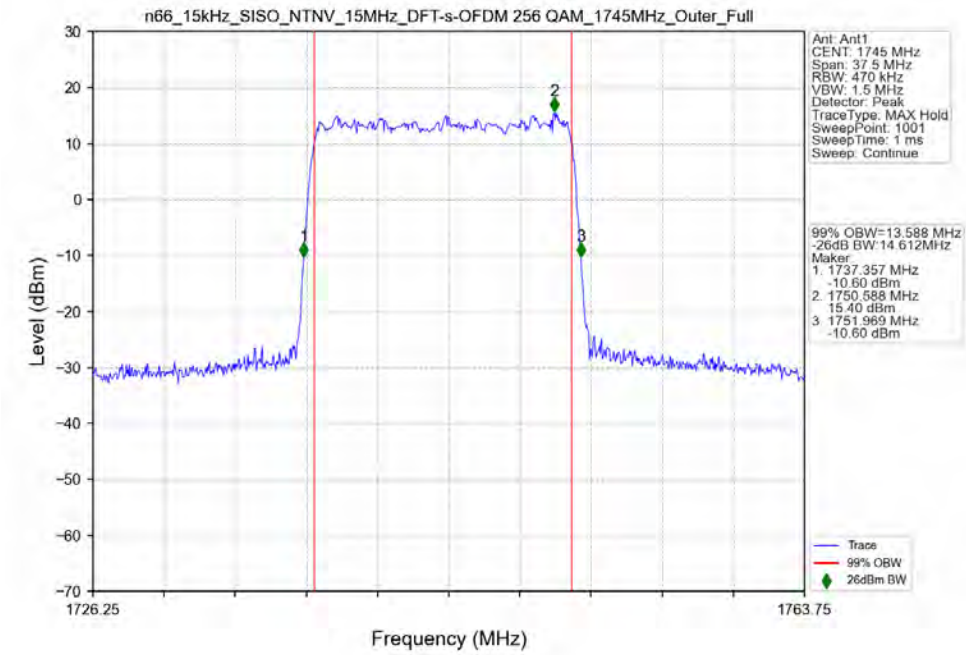

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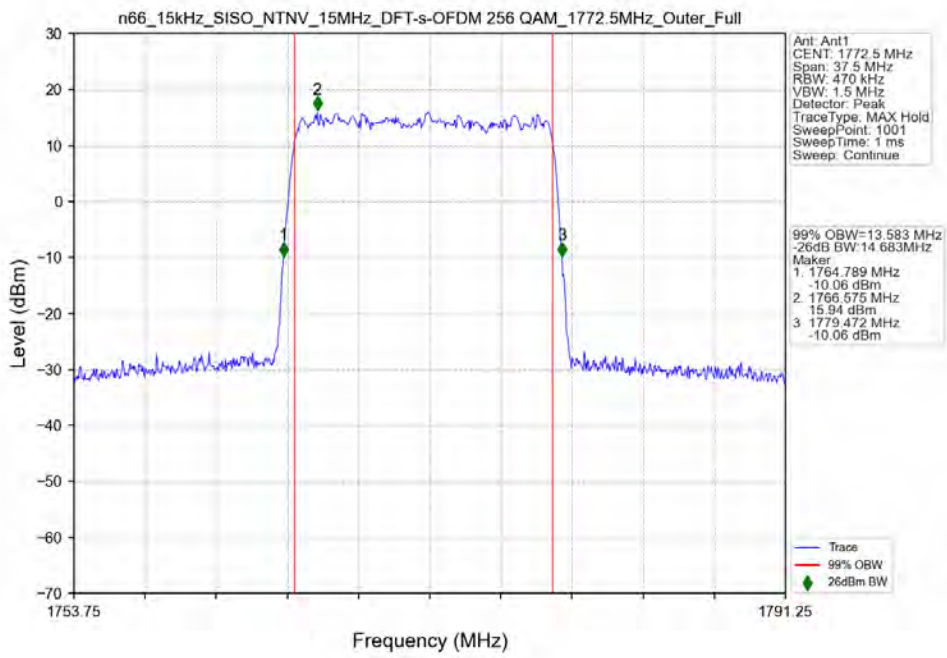

n66_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1717.5MHz_Outer_Full

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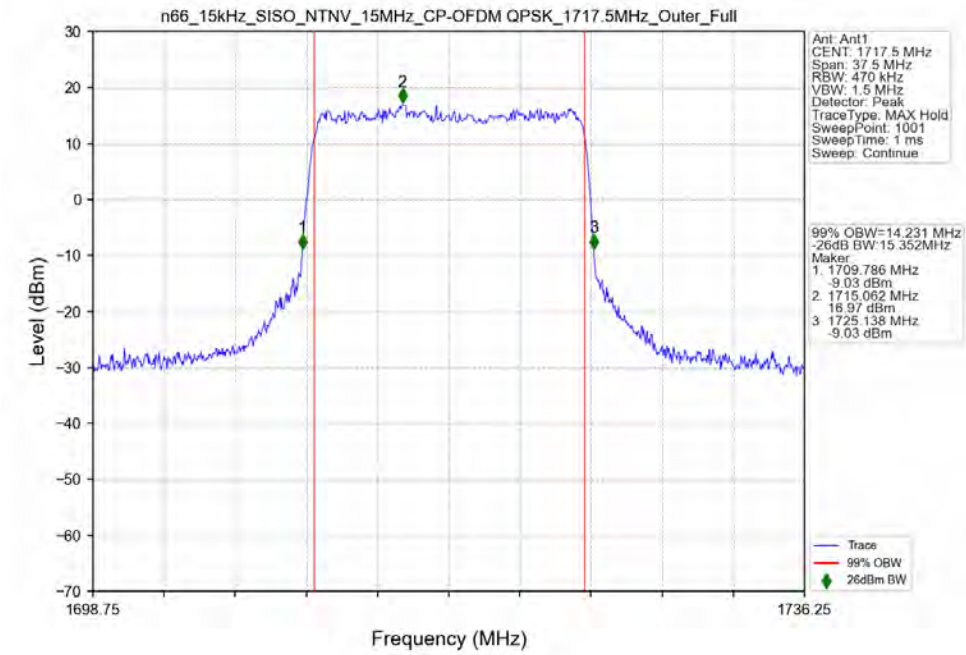

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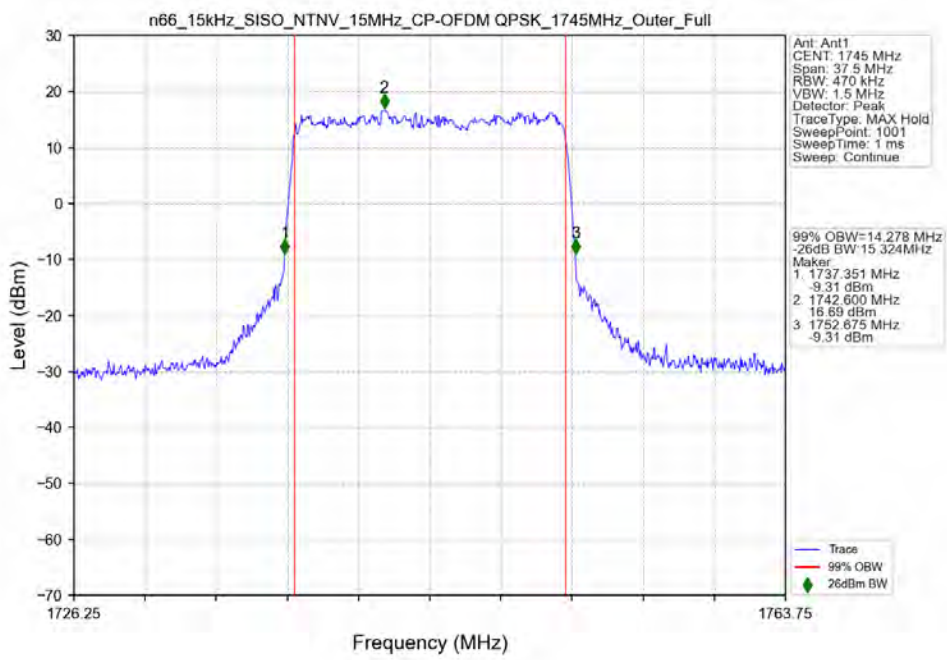

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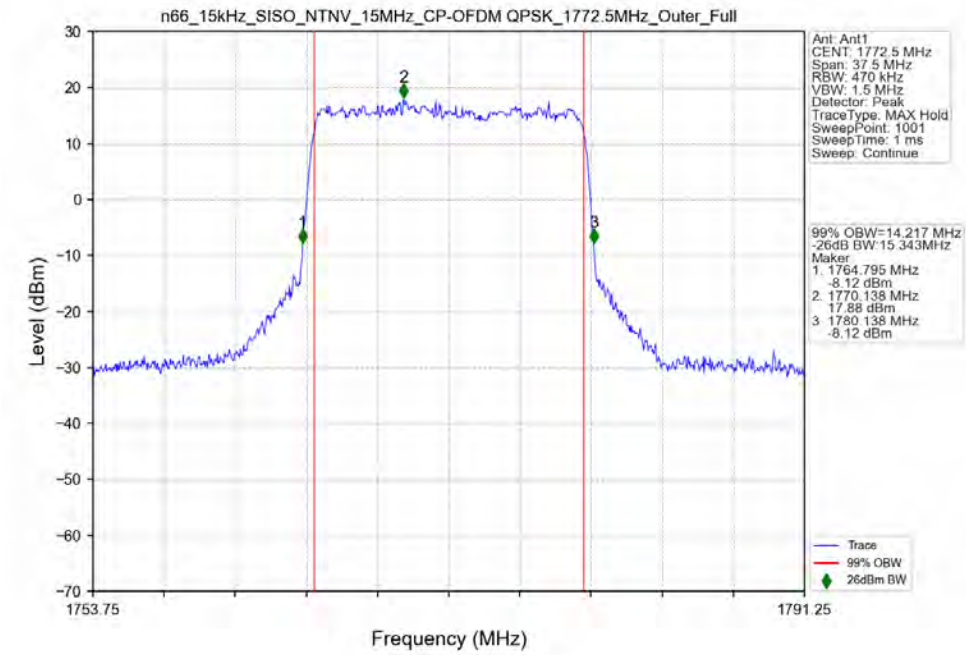

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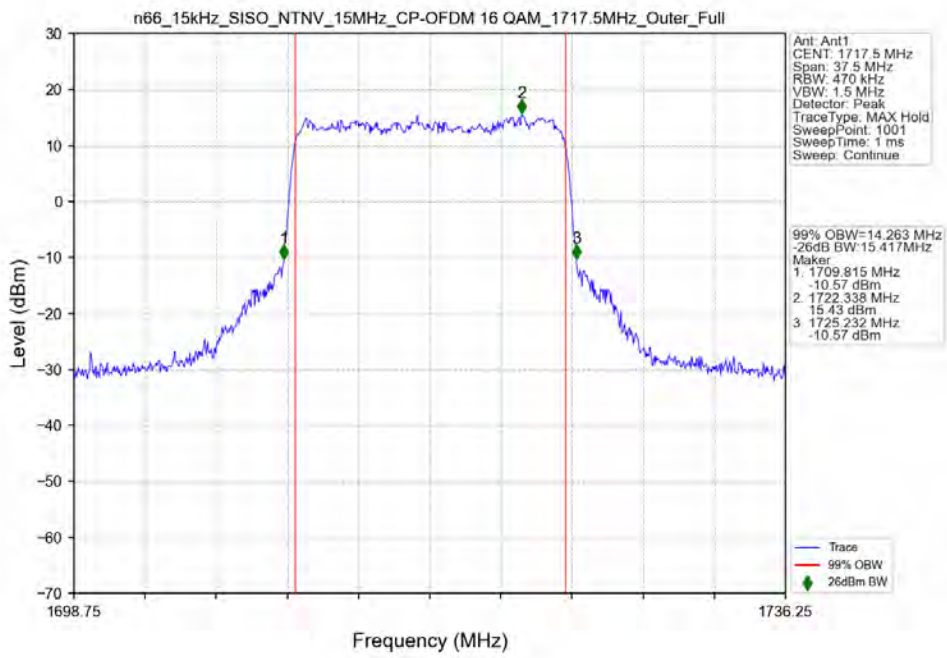

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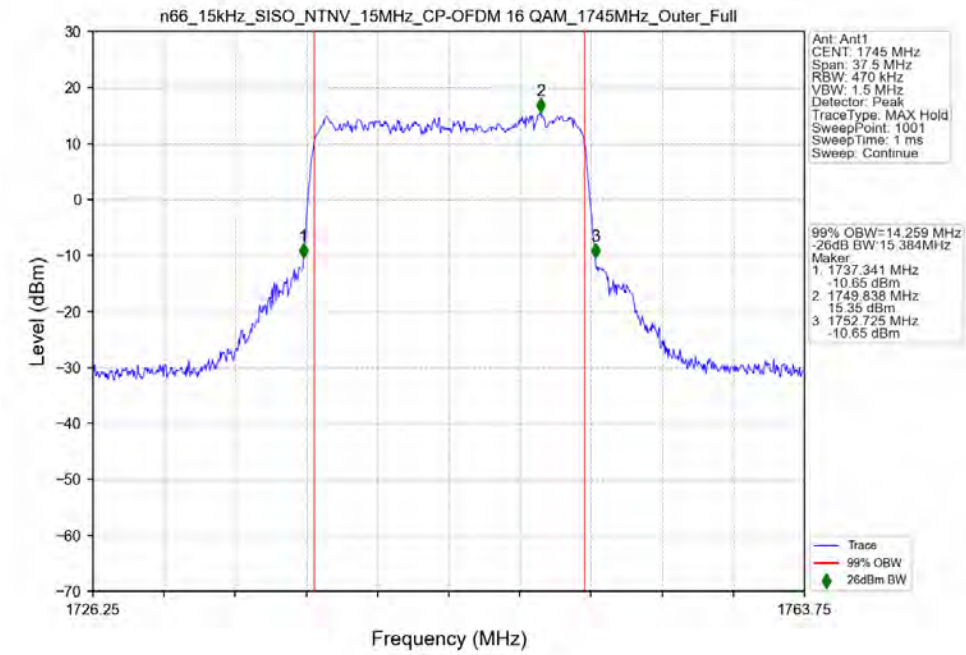

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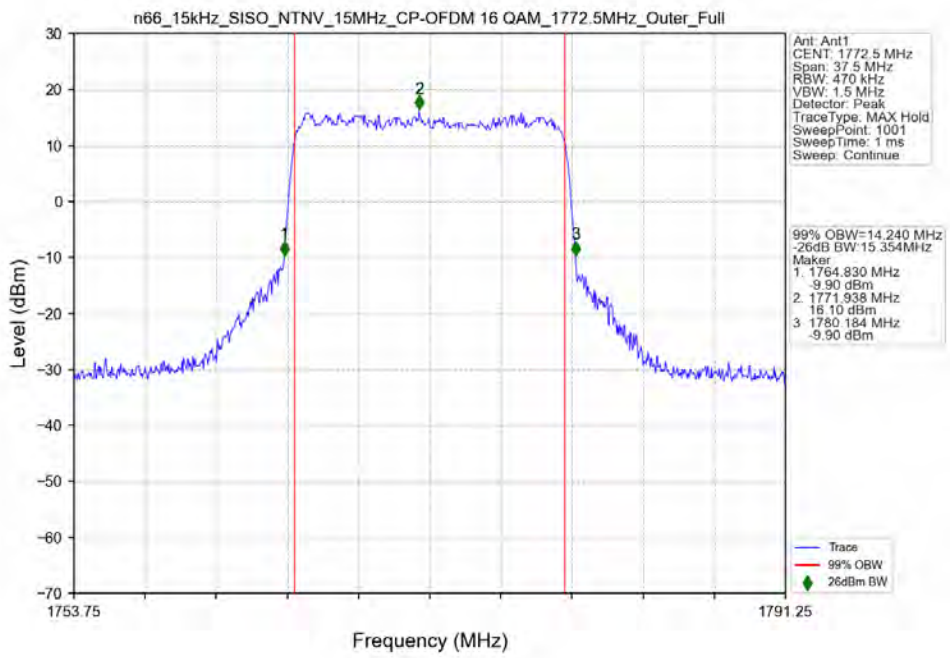

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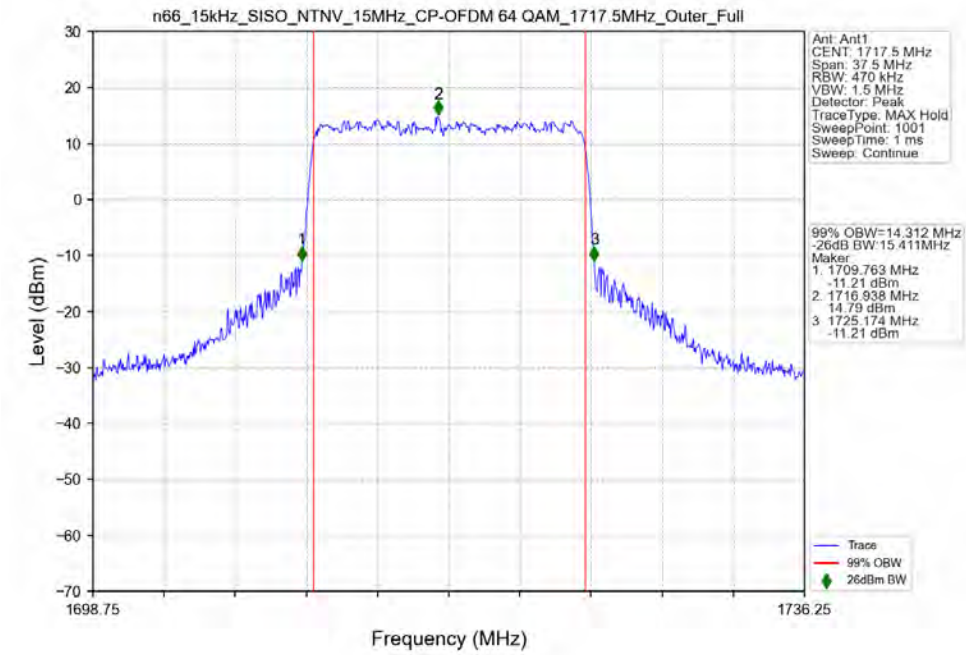

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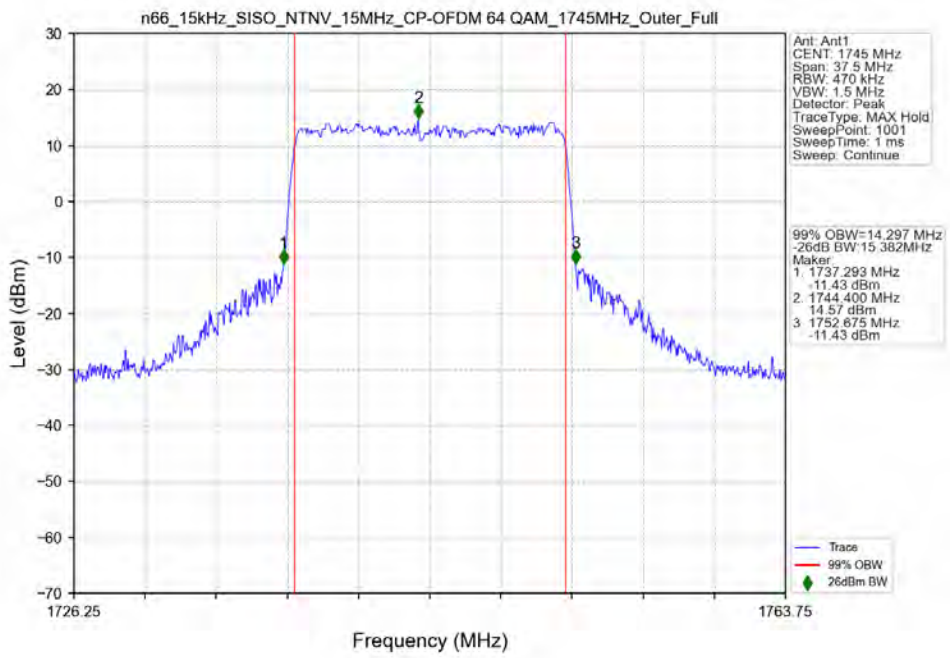
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full



n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1772.5MHz_Outer_Full

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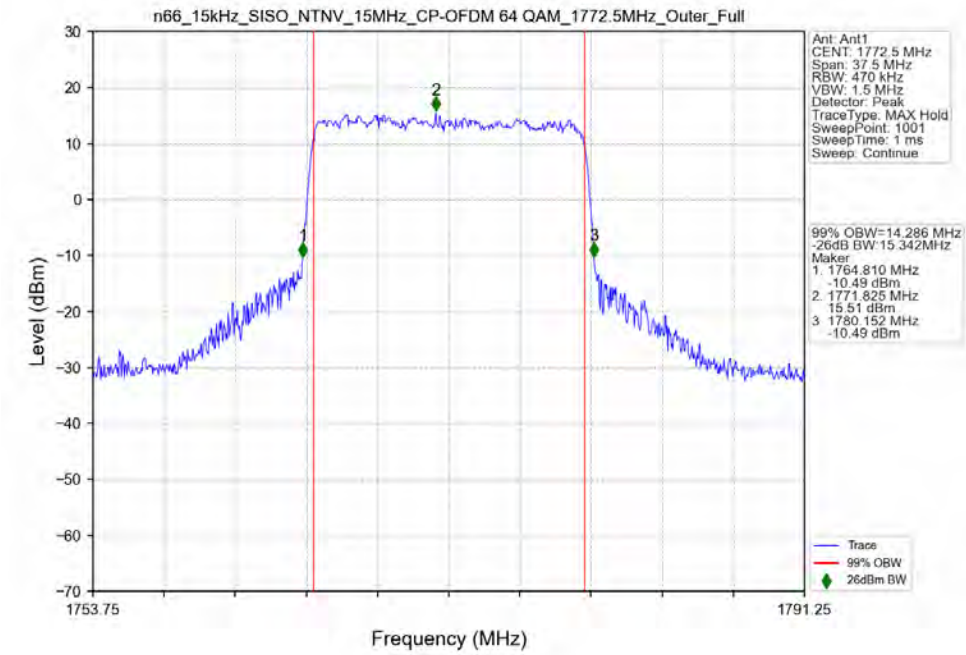

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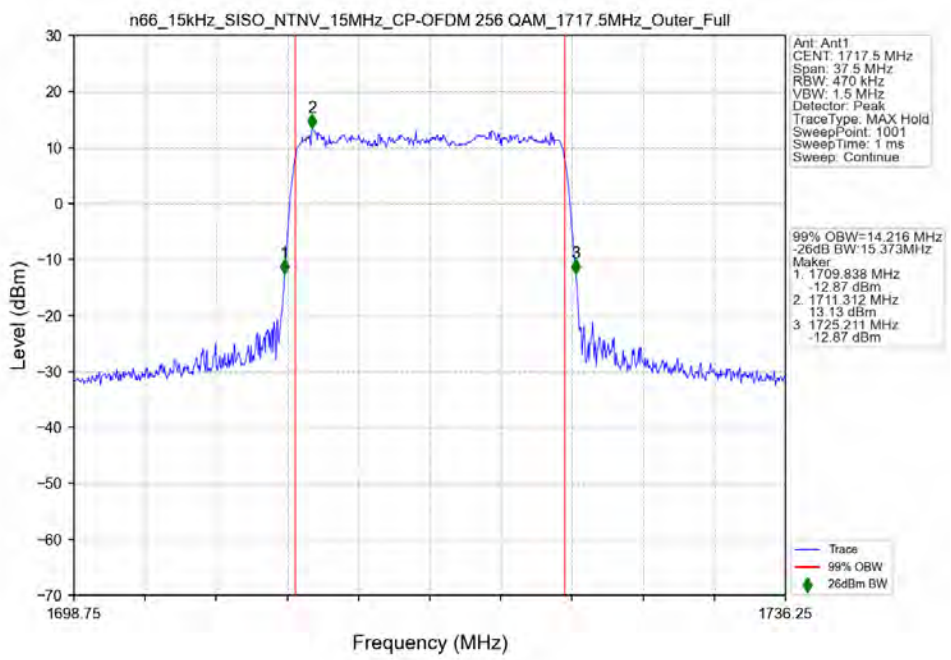
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1717.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full

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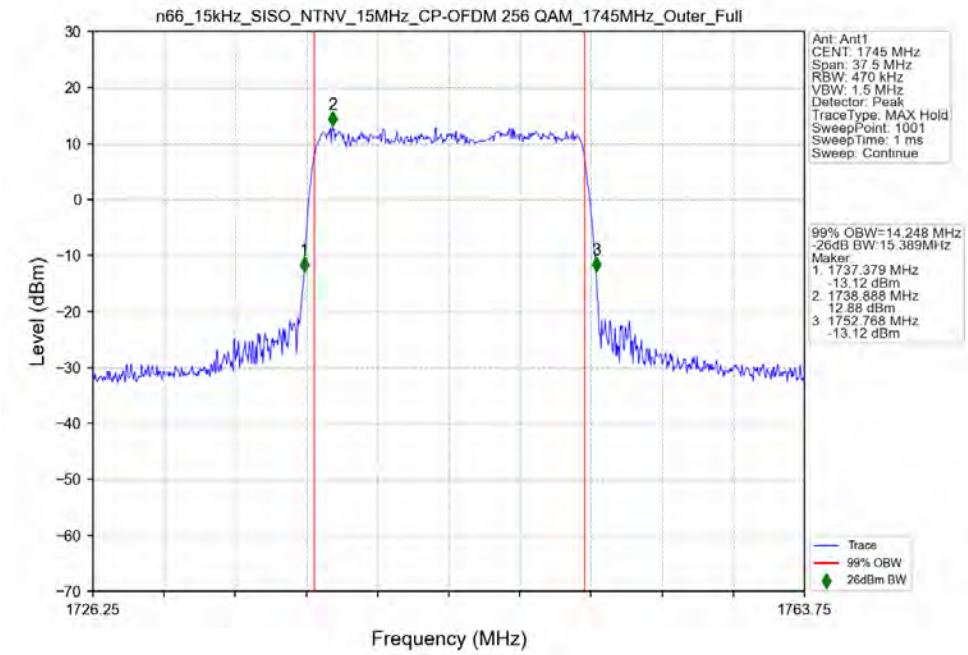

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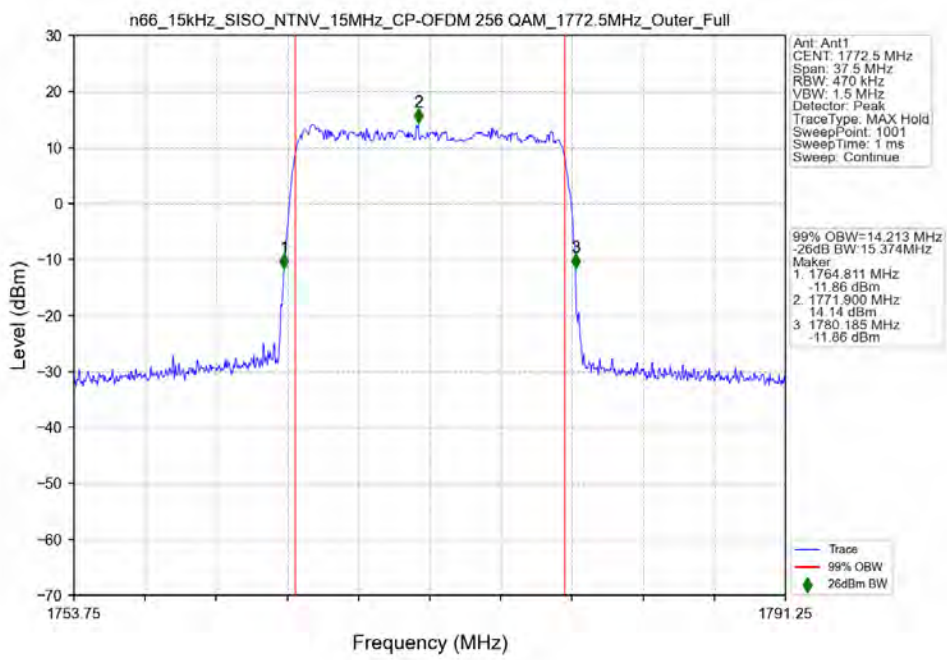

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3.4 15k_SISO_20MHz_NTNV

3.4.1 Test Result

5G NR n66 SCS=15kHz SISO 20MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	1720	Outer_Full	18.04	19.39	/	Pass
	1745	Outer_Full	18.10	19.42	/	Pass
	1770	Outer_Full	18.07	19.38	/	Pass
DFT-s-OFDM QPSK	1720	Outer_Full	18.10	19.55	/	Pass
	1745	Outer_Full	18.05	19.50	/	Pass
	1770	Outer_Full	18.01	19.41	/	Pass
DFT-s-OFDM 16 QAM	1720	Outer_Full	18.02	19.45	/	Pass
	1745	Outer_Full	18.06	19.41	/	Pass
	1770	Outer_Full	18.02	19.37	/	Pass
DFT-s-OFDM 64 QAM	1720	Outer_Full	18.03	19.44	/	Pass
	1745	Outer_Full	18.07	19.43	/	Pass
	1770	Outer_Full	18.04	19.40	/	Pass
DFT-s-OFDM 256 QAM	1720	Outer_Full	18.05	19.39	/	Pass
	1745	Outer_Full	18.09	19.41	/	Pass
	1770	Outer_Full	18.05	19.38	/	Pass
CP-OFDM QPSK	1720	Outer_Full	19.05	20.61	/	Pass
	1745	Outer_Full	19.08	20.56	/	Pass
	1770	Outer_Full	19.02	20.66	/	Pass
CP-OFDM 16 QAM	1720	Outer_Full	19.11	20.59	/	Pass
	1745	Outer_Full	19.16	20.57	/	Pass
	1770	Outer_Full	19.10	20.69	/	Pass
CP-OFDM 64 QAM	1720	Outer_Full	19.13	20.49	/	Pass
	1745	Outer_Full	19.15	20.52	/	Pass
	1770	Outer_Full	19.12	20.49	/	Pass
CP-OFDM 256 QAM	1720	Outer_Full	19.19	20.59	/	Pass
	1745	Outer_Full	19.22	20.59	/	Pass
	1770	Outer_Full	19.18	20.56	/	Pass

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3.4.2 Test Graph

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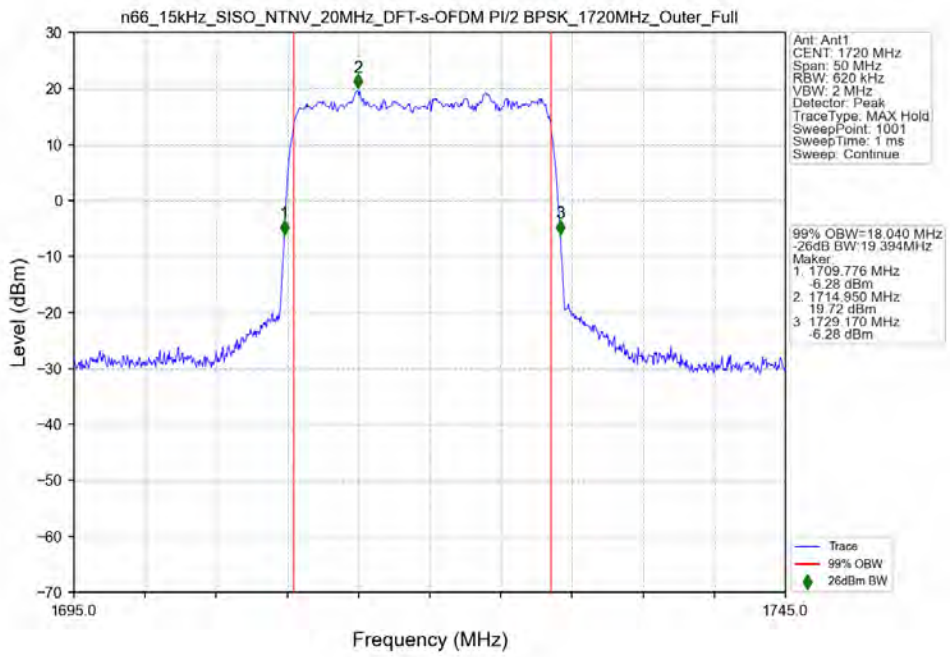

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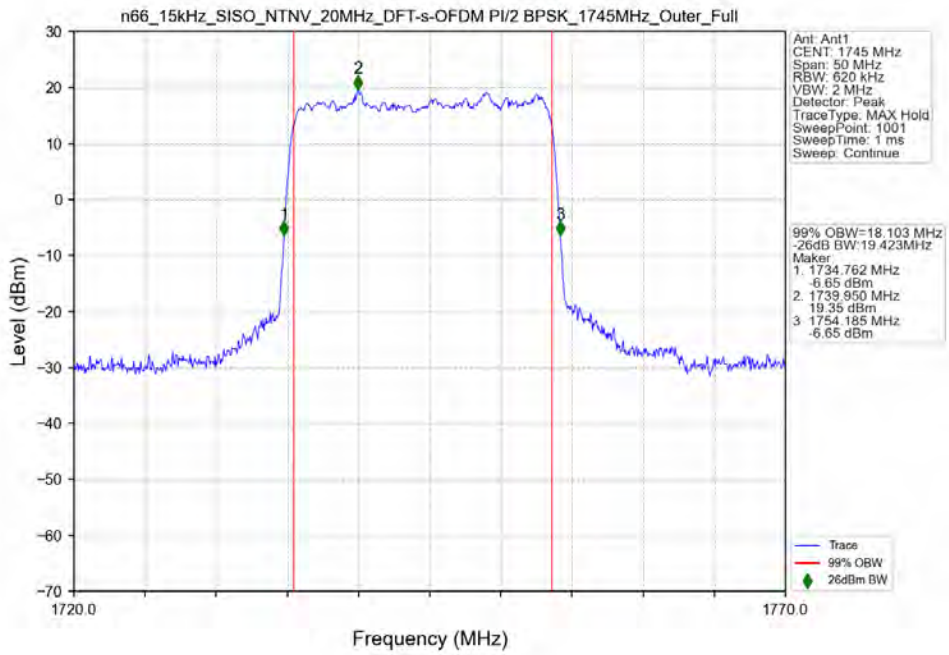

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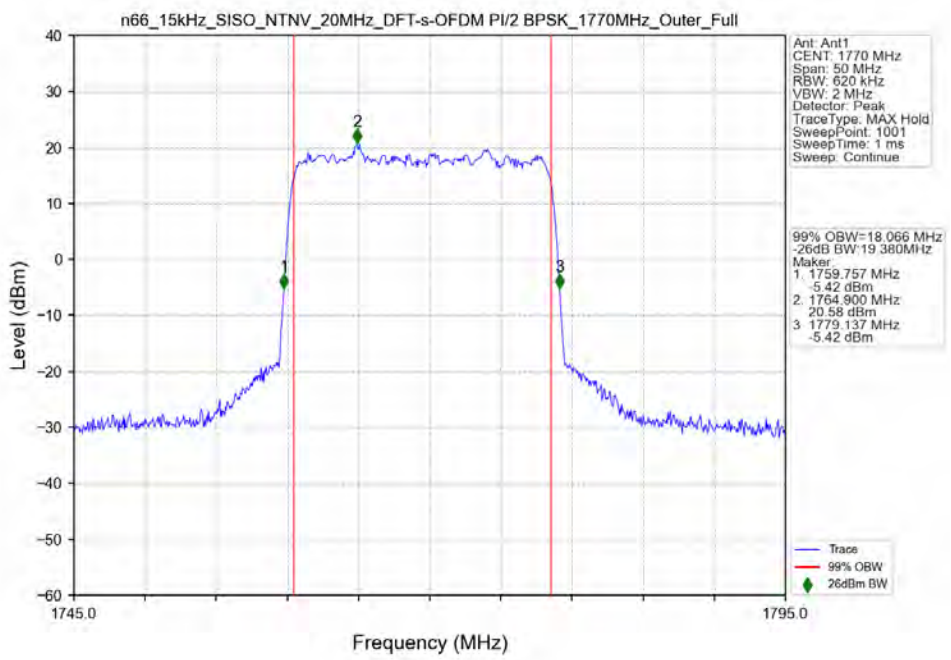

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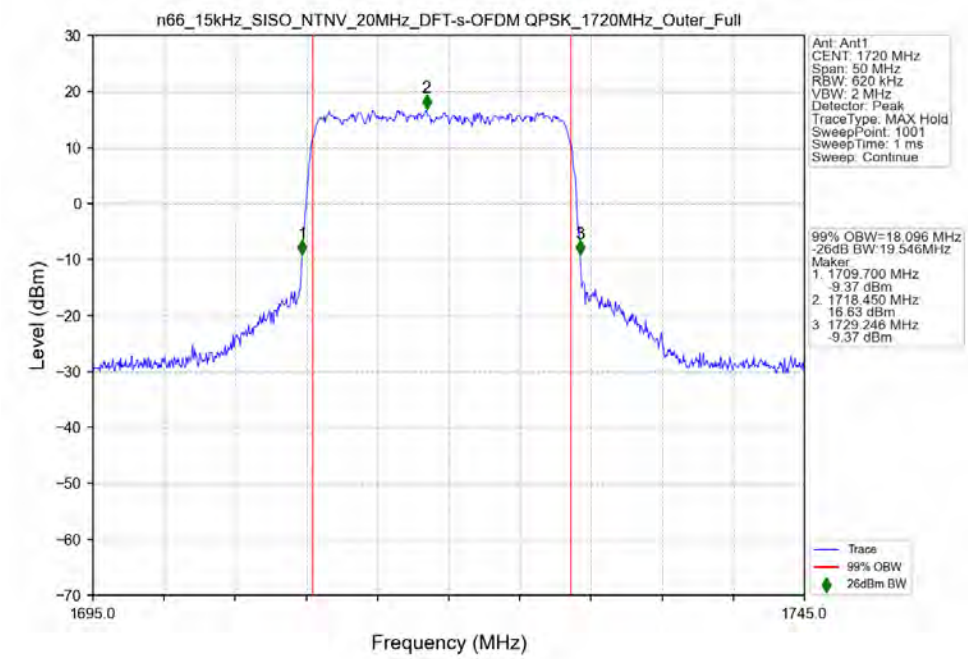

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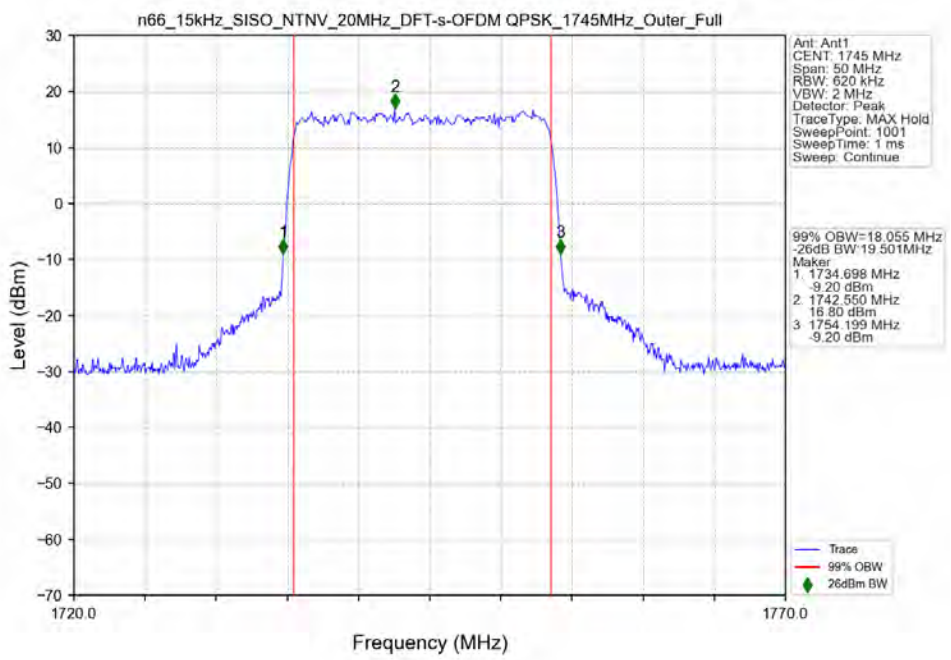

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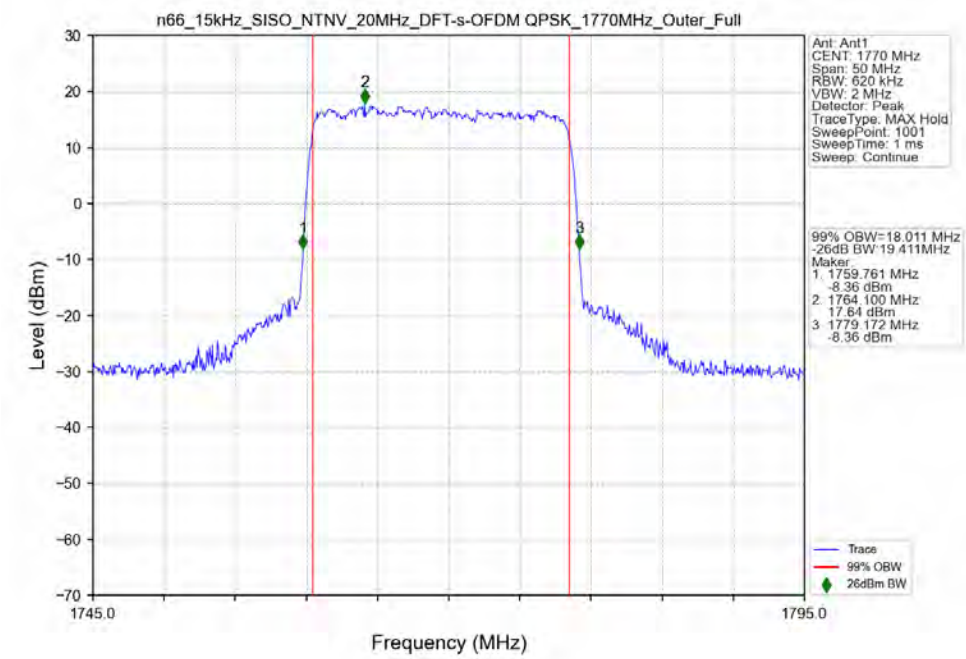

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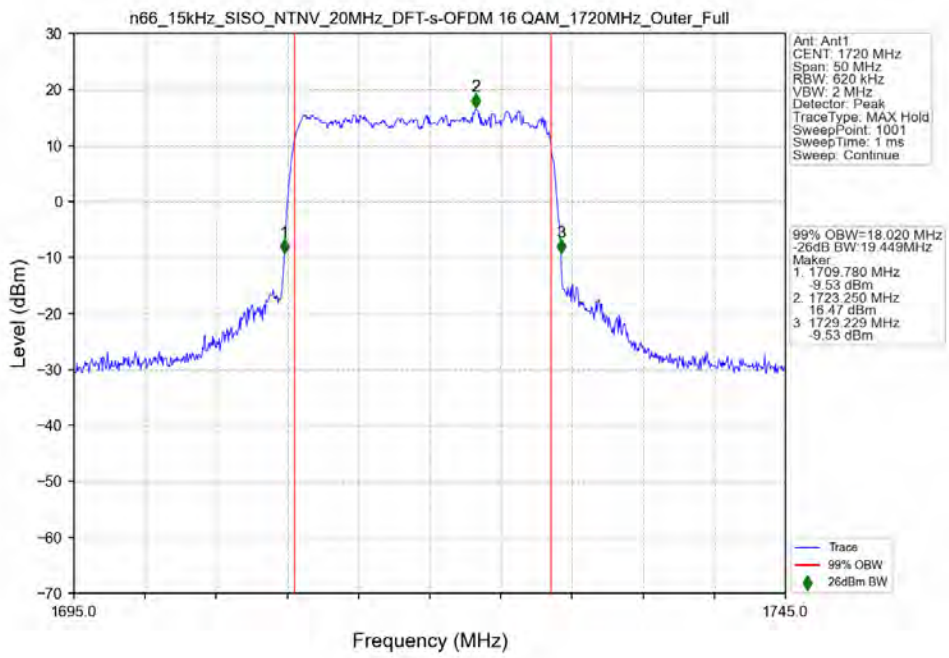
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1720MHz_Outer_Full



n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full

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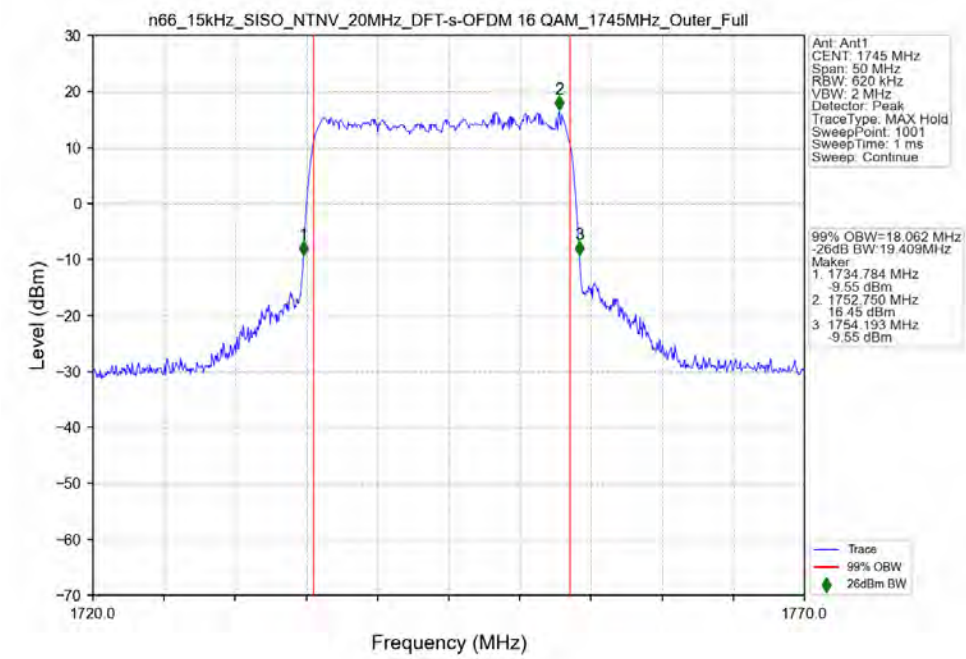

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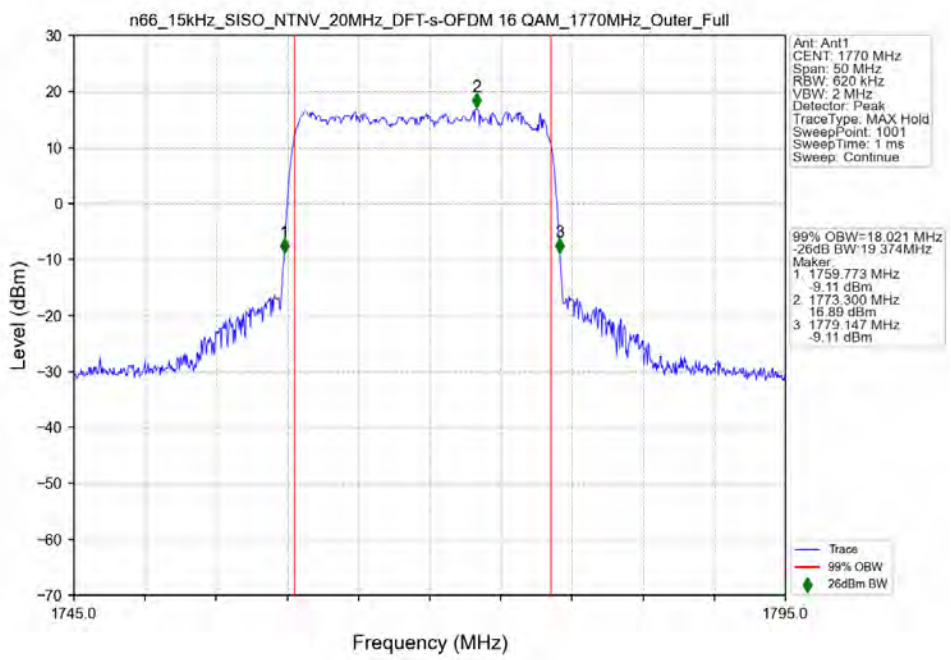
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1770MHz_Outer_Full



n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1720MHz_Outer_Full

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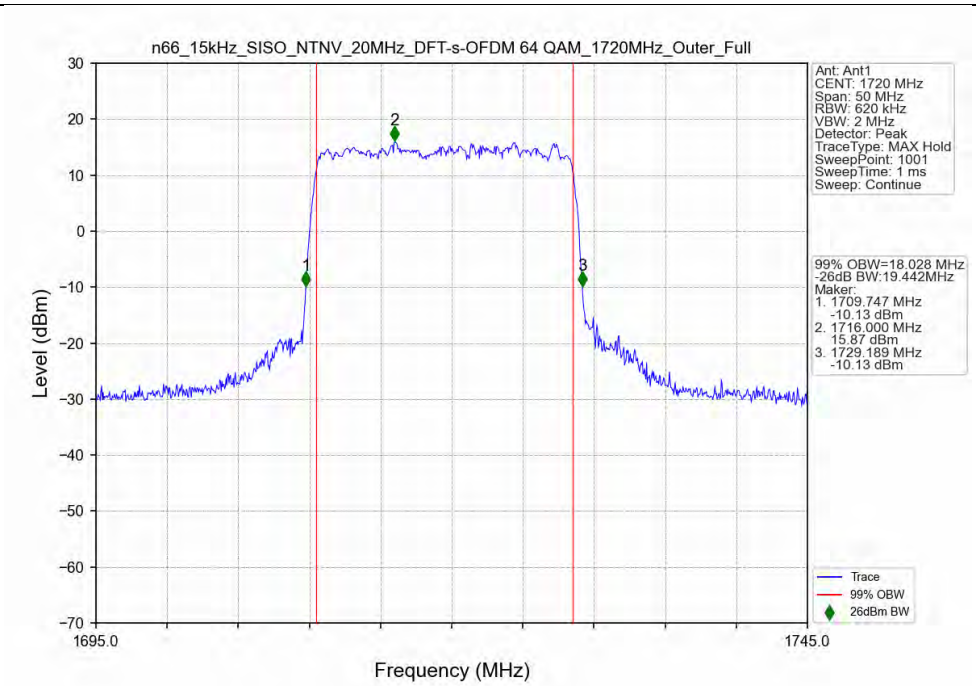

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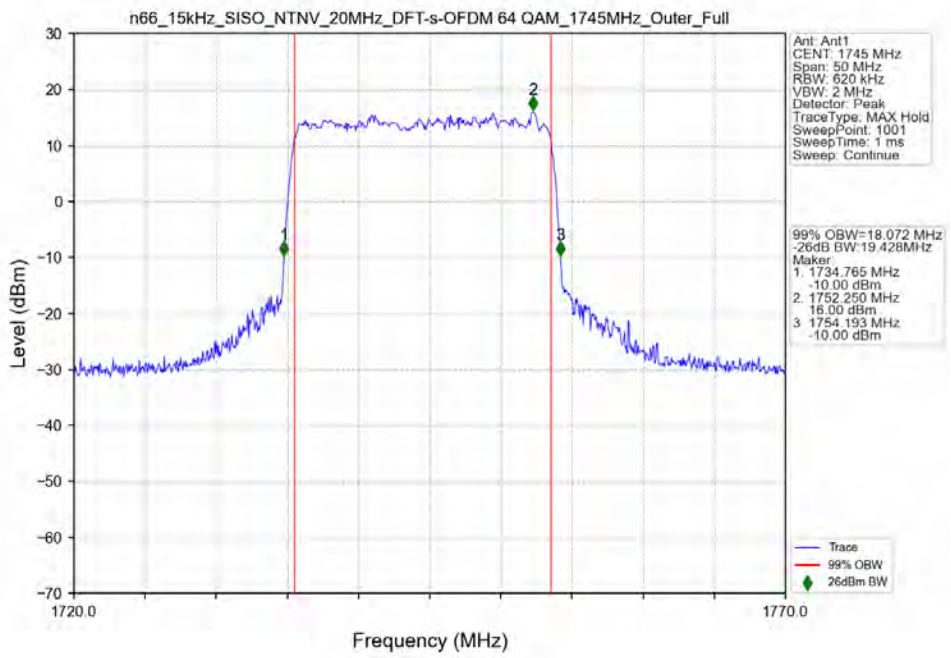

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1770MHz_Outer_Full

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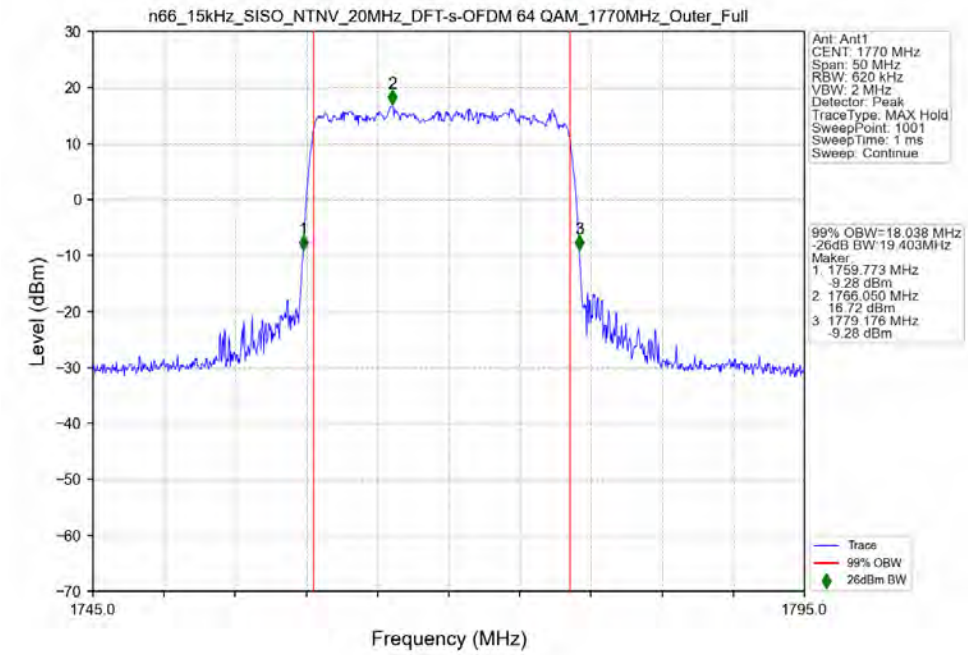

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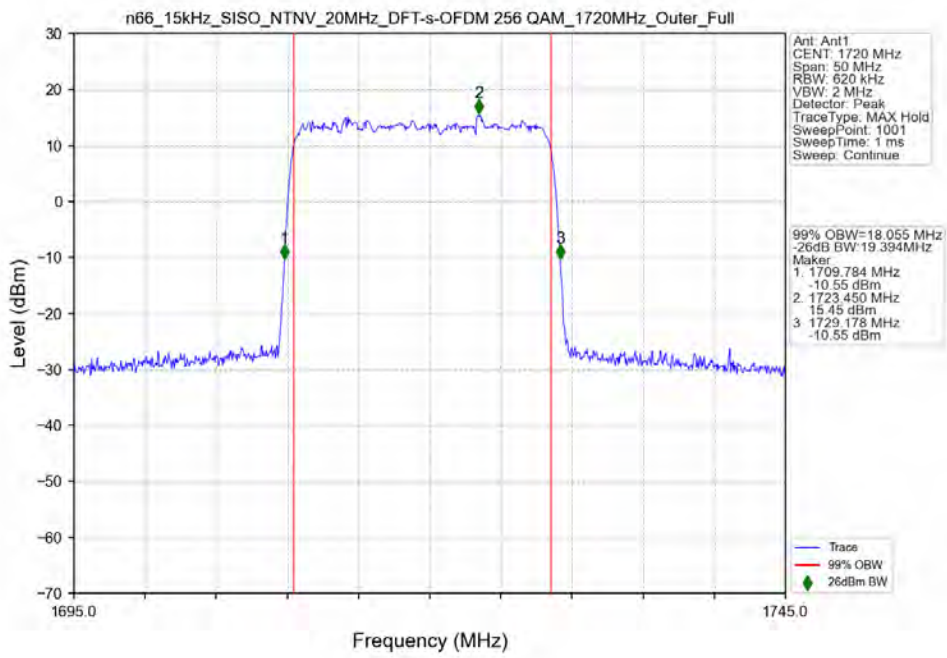

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1745MHz_Outer_Full

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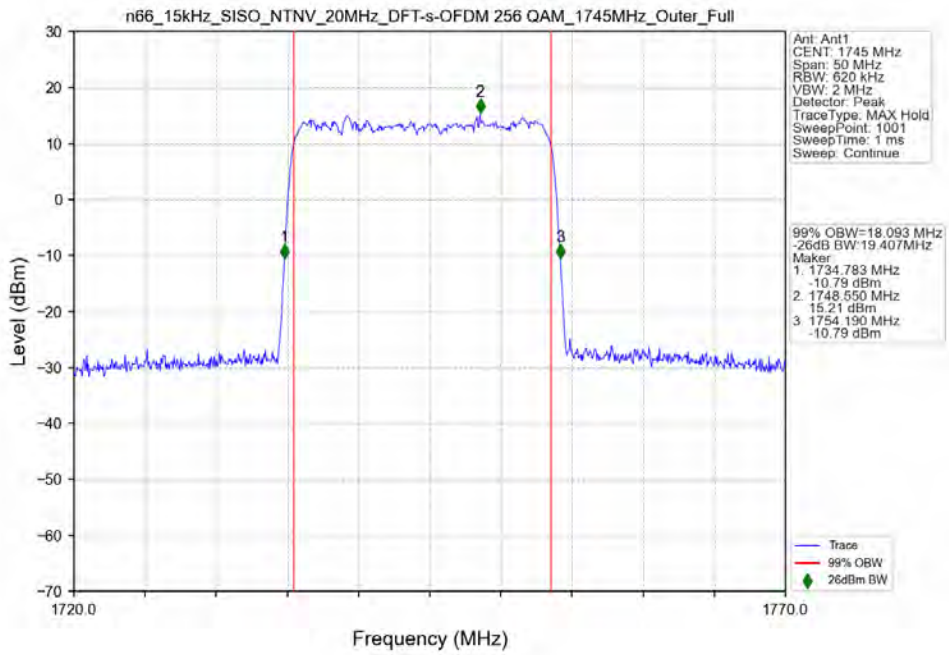

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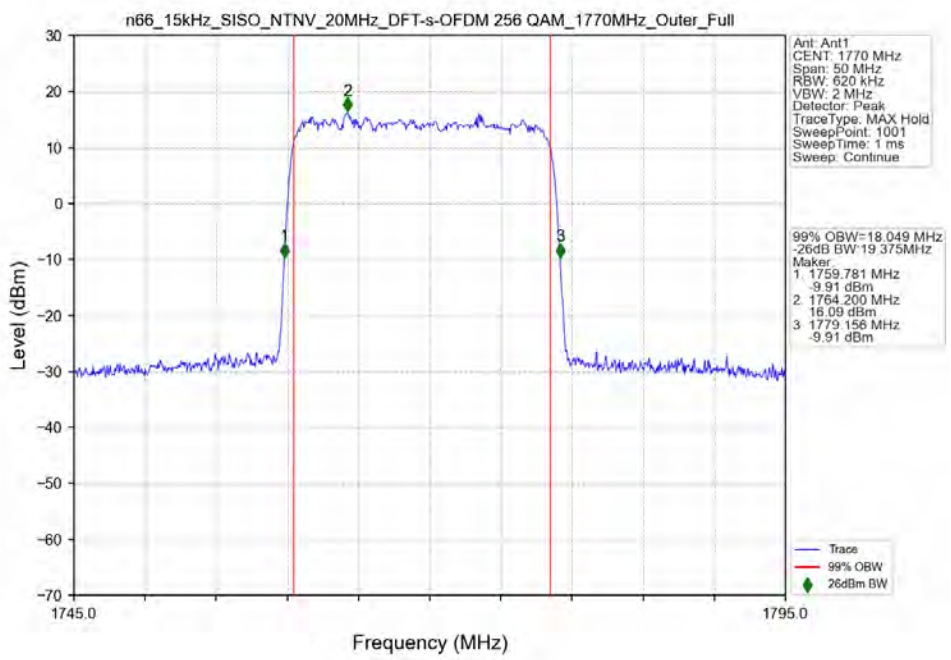

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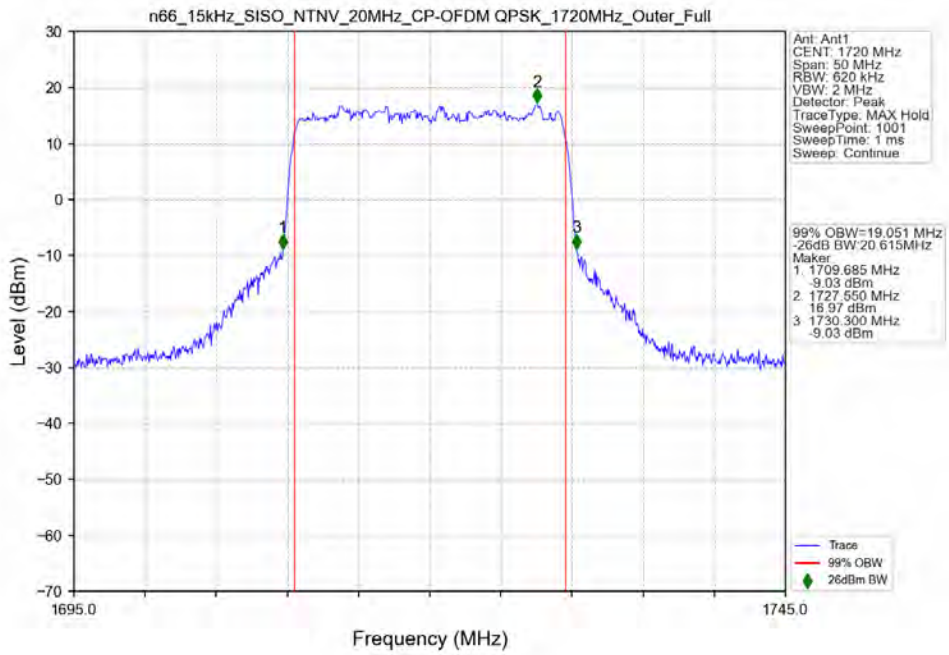

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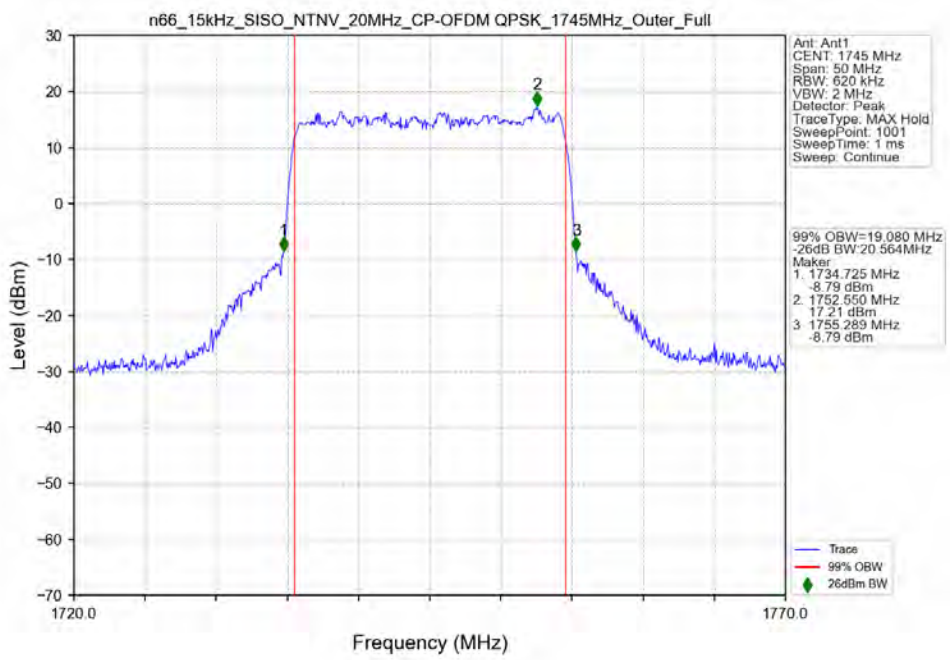

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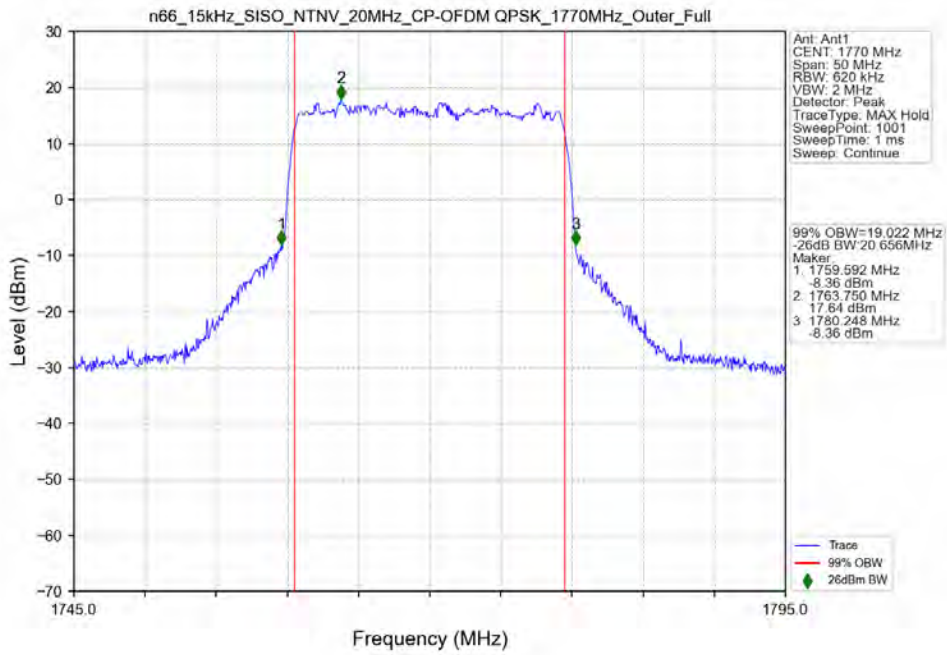

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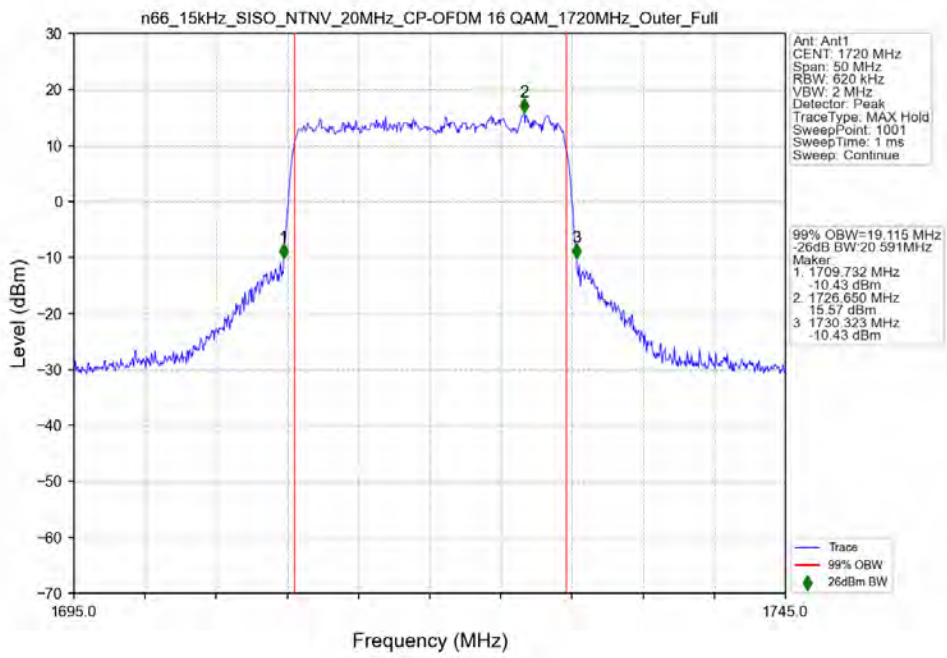

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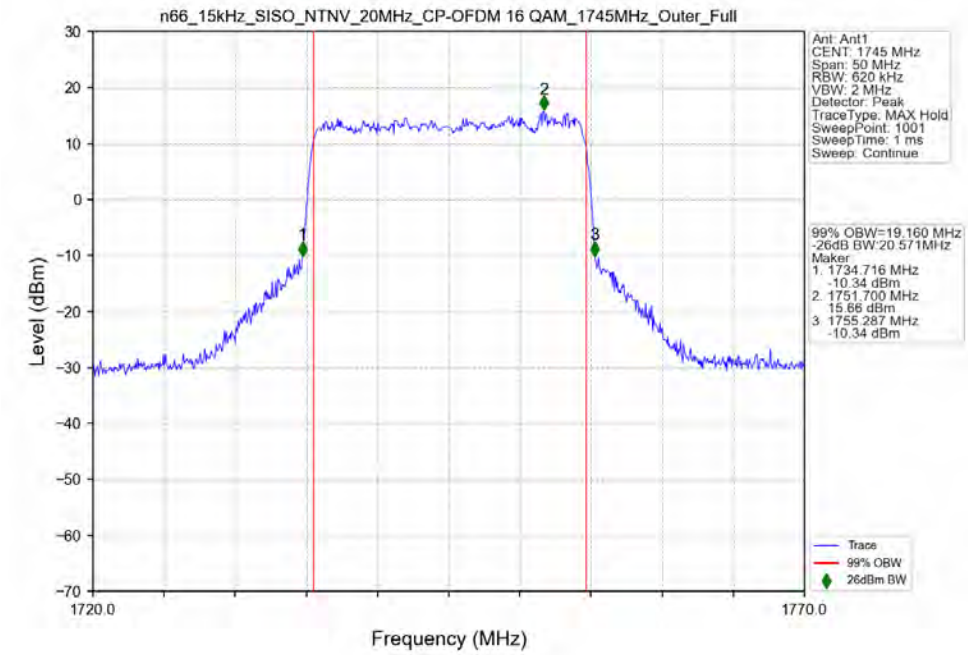

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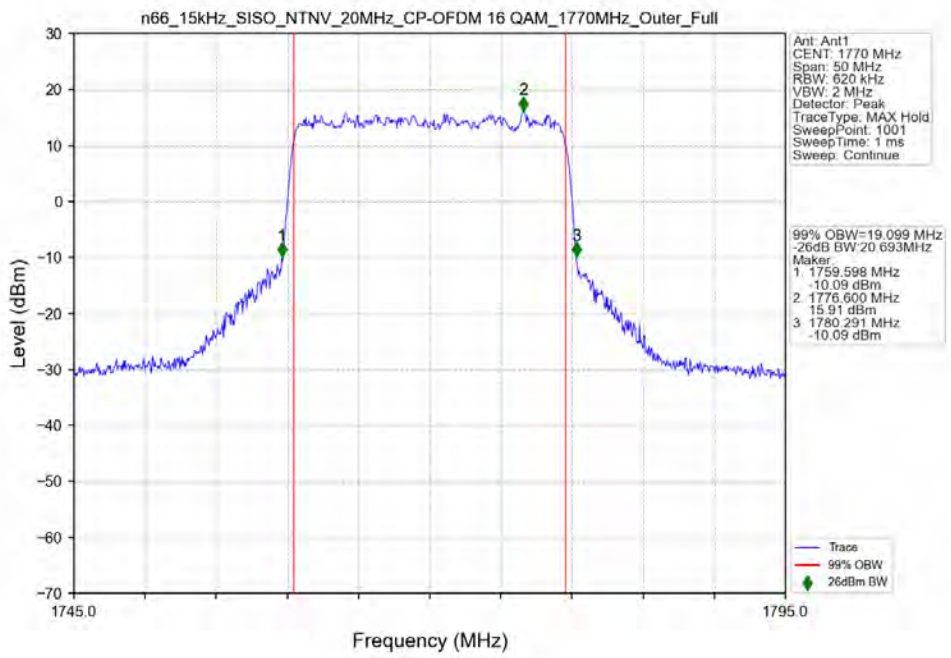
n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1770MHz_Outer_Full



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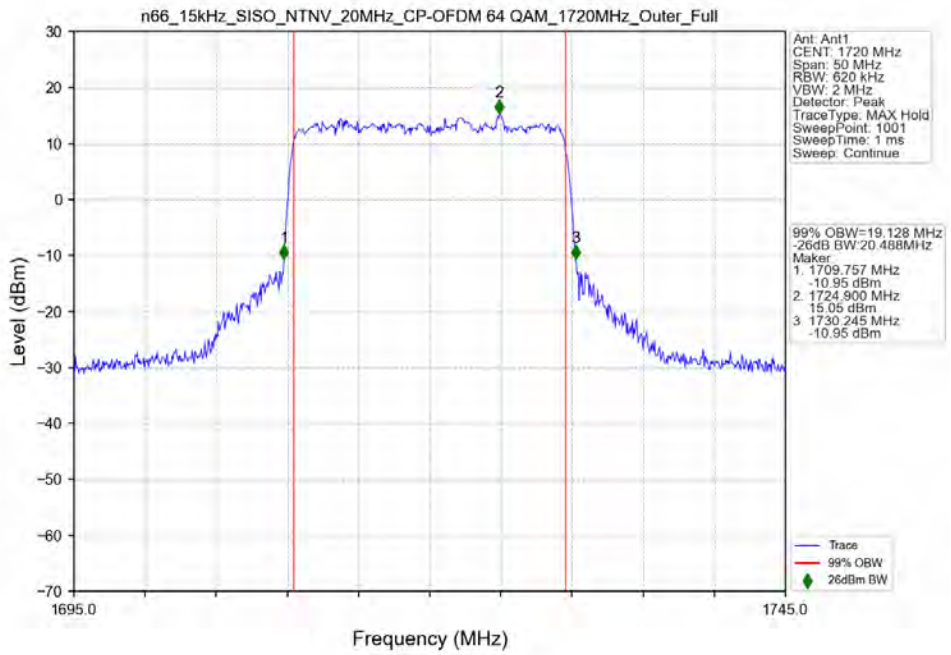

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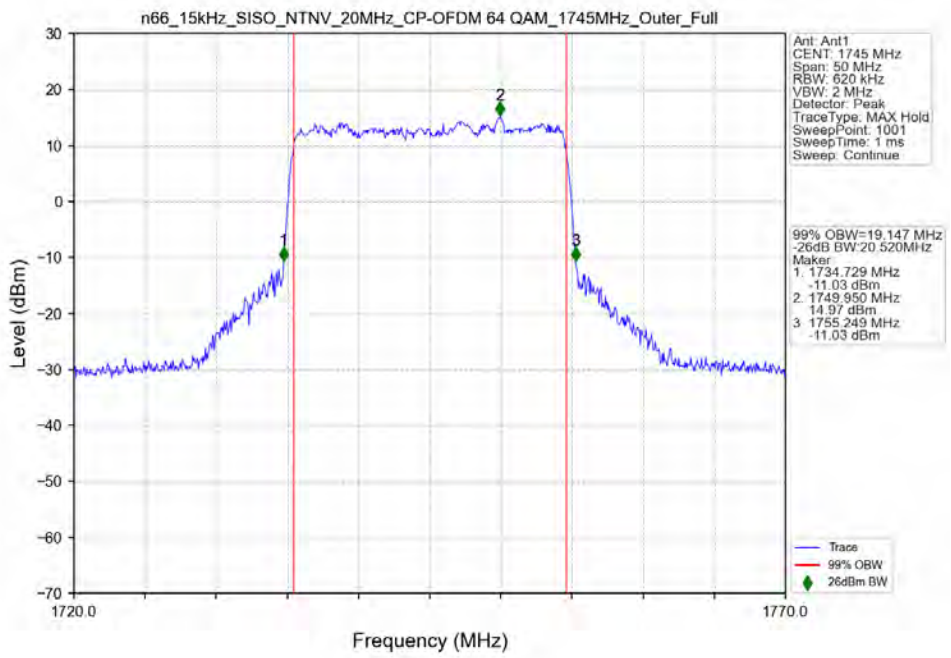

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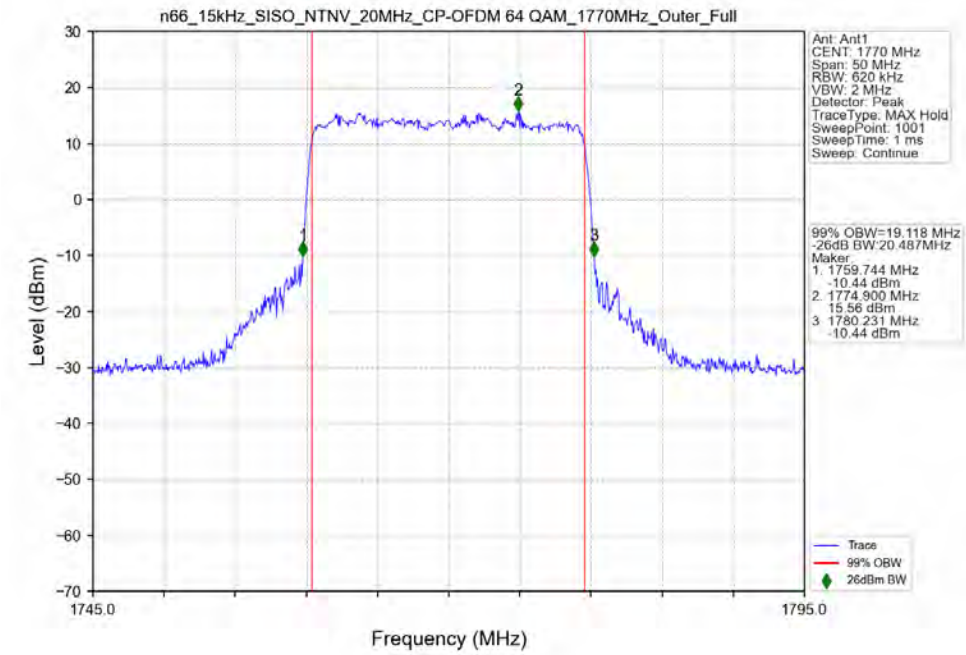

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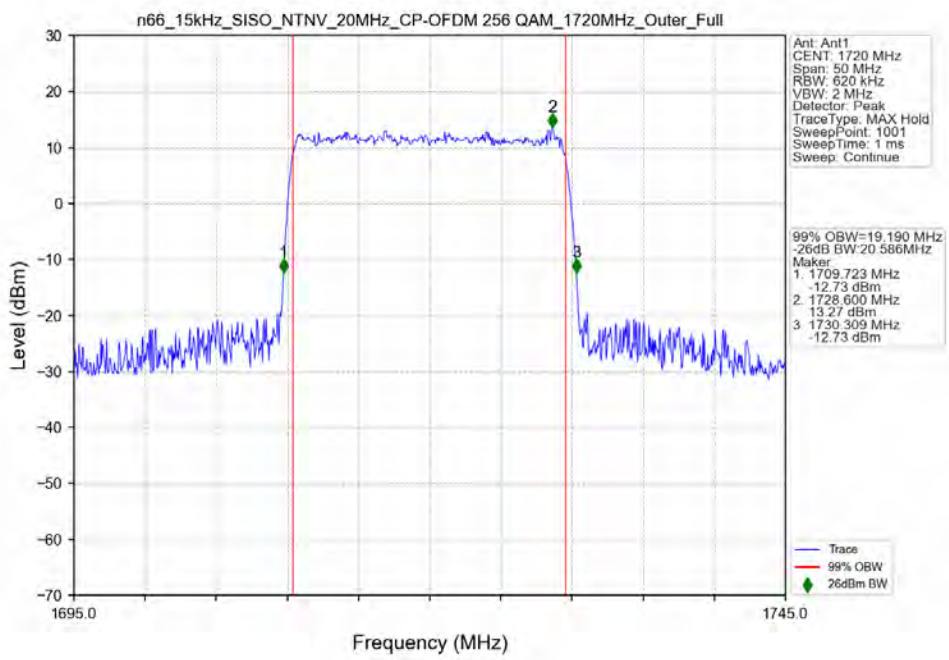

n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full

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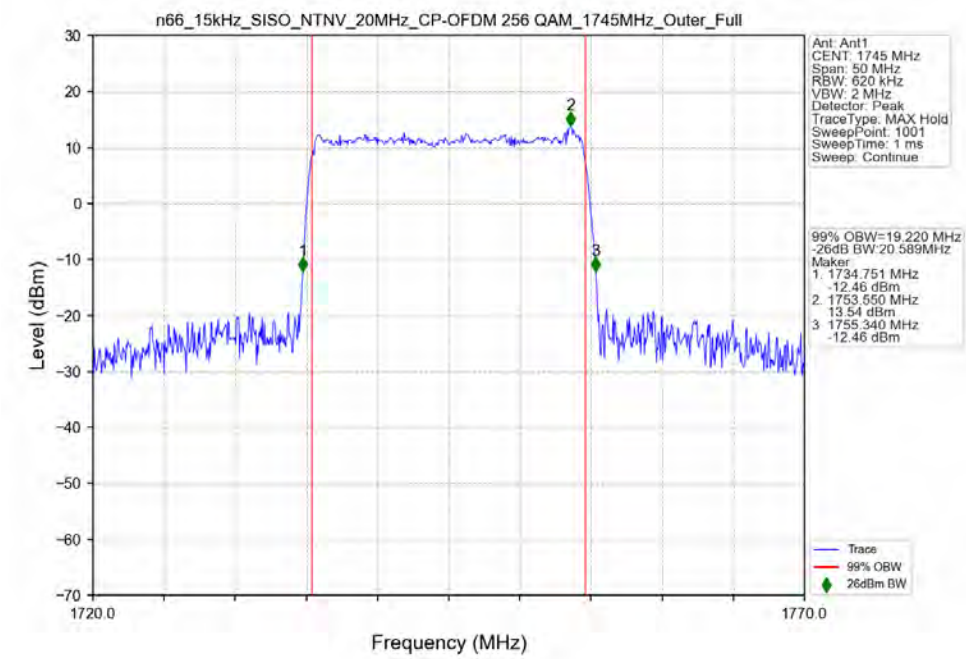

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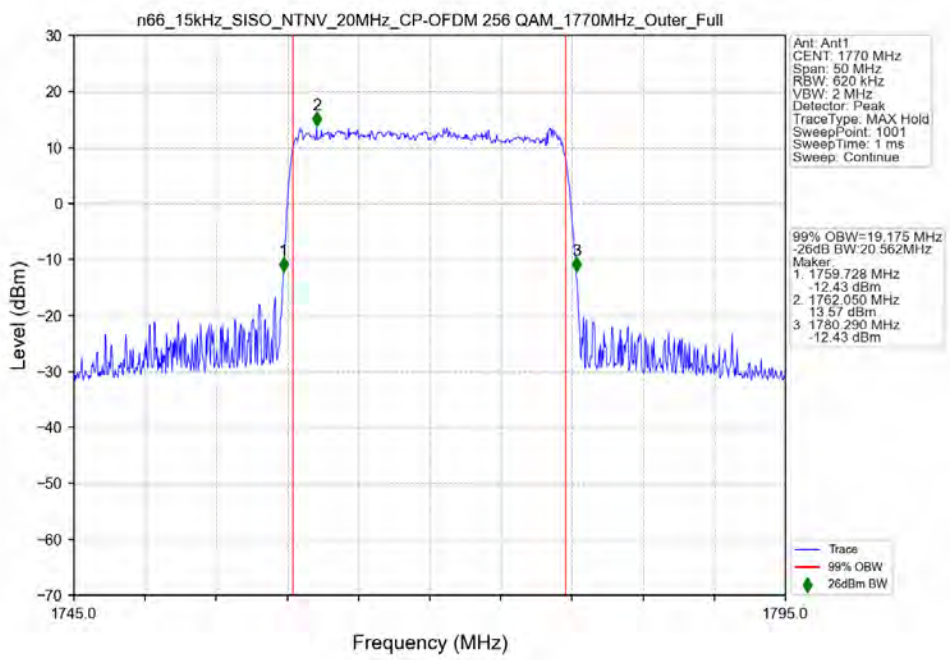

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4. Peak-Average Ratio

4.1 15k_SISO_5MHz_NTNV

4.1.1 Test Result

5G NR n66 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1712.5	Outer_Full	3.86	/	/	<=13	Pass
	1745	Outer_Full	4.21	/	/	<=13	Pass
	1777.5	Outer_Full	4.19	/	/	<=13	Pass
DFT-s-OFDM QPSK	1712.5	Outer_Full	5.01	/	/	<=13	Pass
	1745	Outer_Full	4.50	/	/	<=13	Pass
	1777.5	Outer_Full	4.66	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	1712.5	Outer_Full	6.12	/	/	<=13	Pass
	1745	Outer_Full	5.69	/	/	<=13	Pass
	1777.5	Outer_Full	5.85	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	1712.5	Outer_Full	6.43	/	/	<=13	Pass
	1745	Outer_Full	6.14	/	/	<=13	Pass
	1777.5	Outer_Full	6.23	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	1712.5	Outer_Full	6.37	/	/	<=13	Pass
	1745	Outer_Full	6.40	/	/	<=13	Pass
	1777.5	Outer_Full	6.43	/	/	<=13	Pass
CP-OFDM QPSK	1712.5	Outer_Full	6.45	/	/	<=13	Pass
	1745	Outer_Full	6.96	/	/	<=13	Pass
	1777.5	Outer_Full	6.91	/	/	<=13	Pass
CP-OFDM 16 QAM	1712.5	Outer_Full	7.33	/	/	<=13	Pass
	1745	Outer_Full	6.78	/	/	<=13	Pass
	1777.5	Outer_Full	6.90	/	/	<=13	Pass
CP-OFDM 64 QAM	1712.5	Outer_Full	7.84	/	/	<=13	Pass
	1745	Outer_Full	7.29	/	/	<=13	Pass
	1777.5	Outer_Full	7.42	/	/	<=13	Pass
CP-OFDM 256 QAM	1712.5	Outer_Full	8.38	/	/	<=13	Pass
	1745	Outer_Full	8.41	/	/	<=13	Pass
	1777.5	Outer_Full	8.43	/	/	<=13	Pass

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4.1.2 Test Graph

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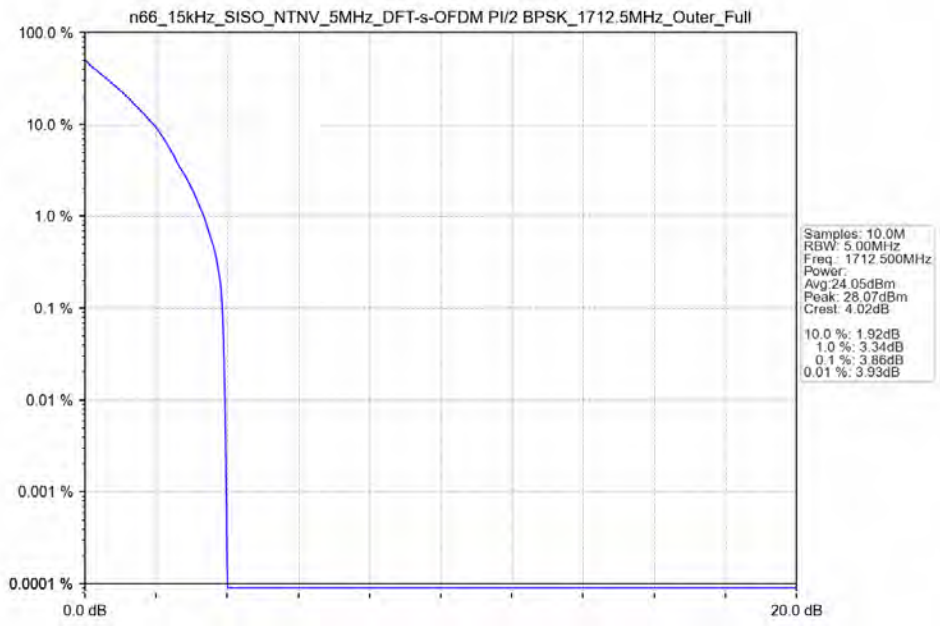

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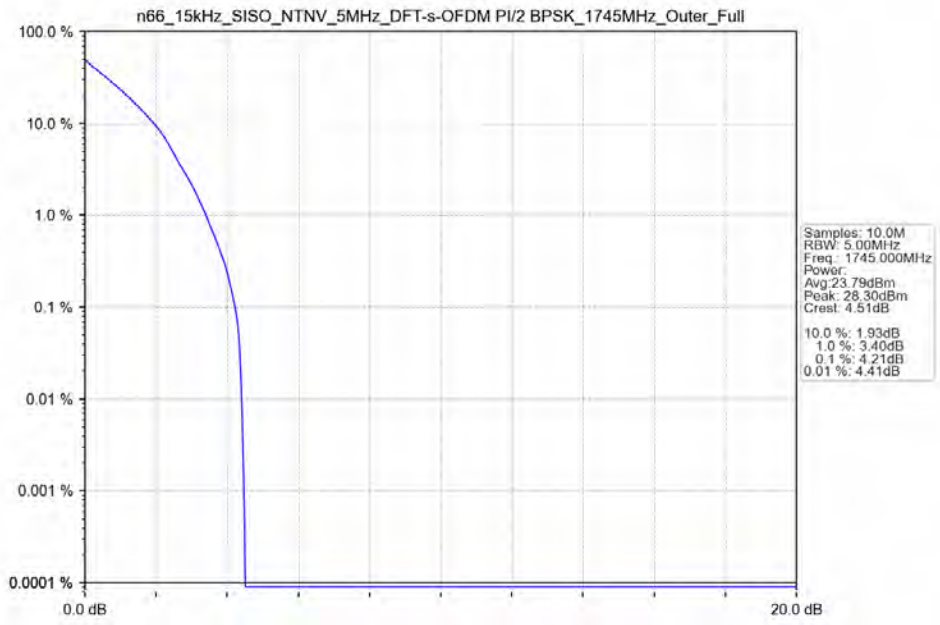

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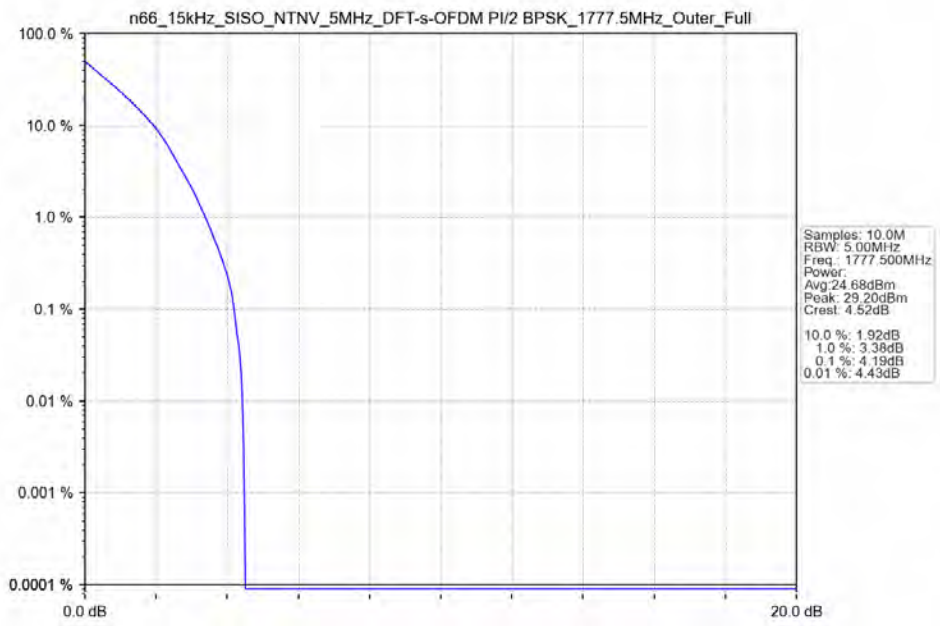

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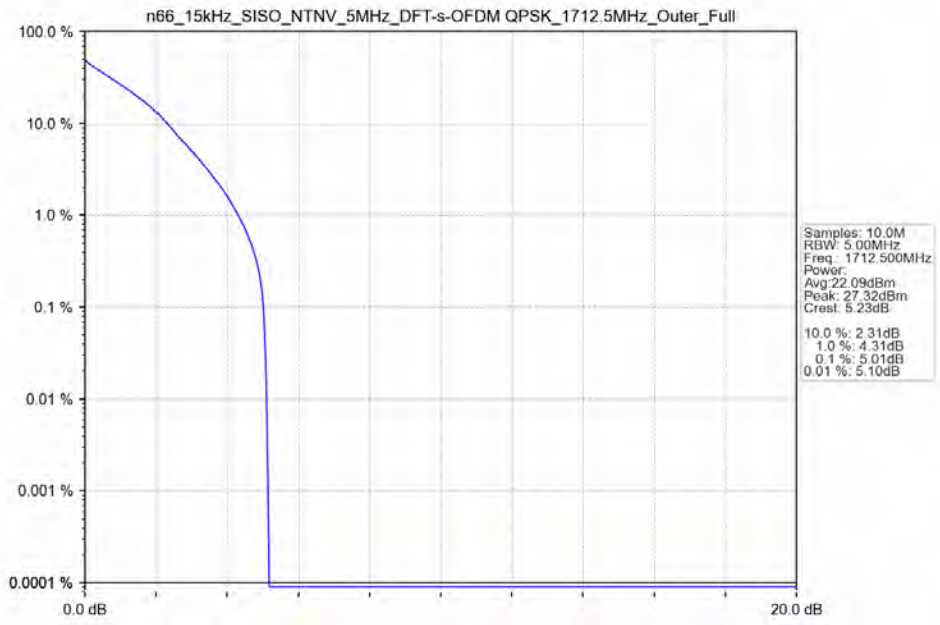

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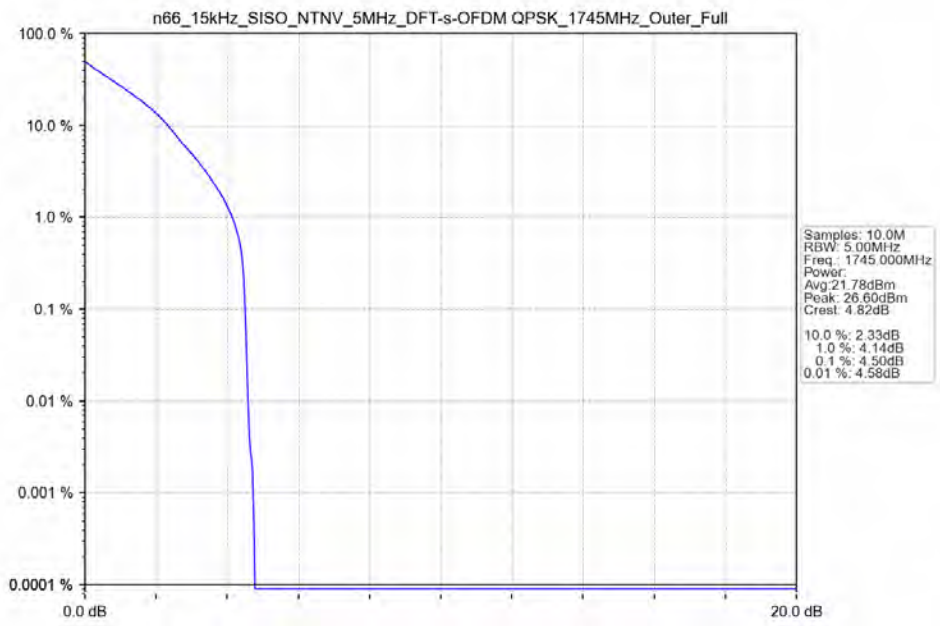

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1777.5MHz_Outer_Full

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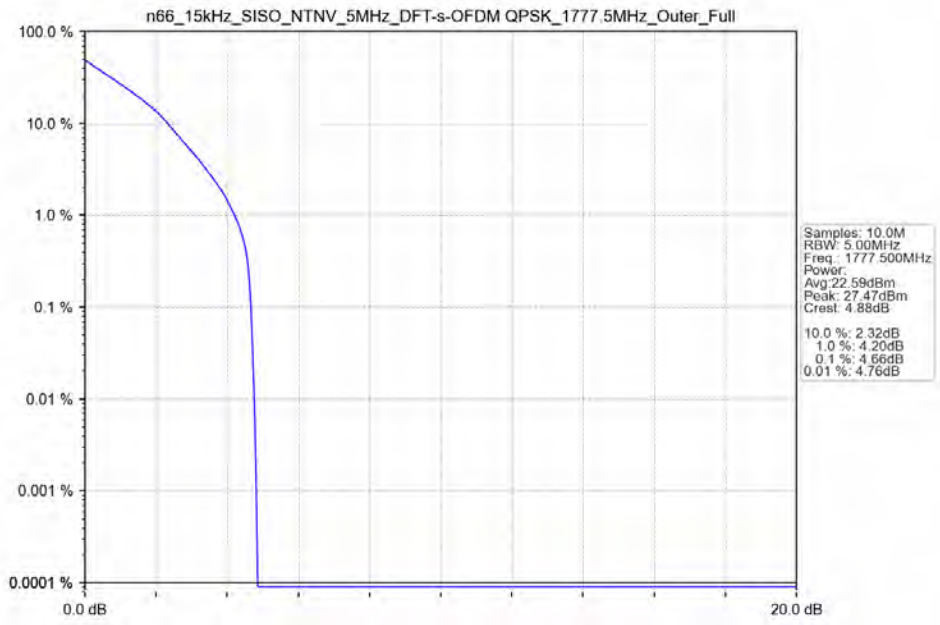

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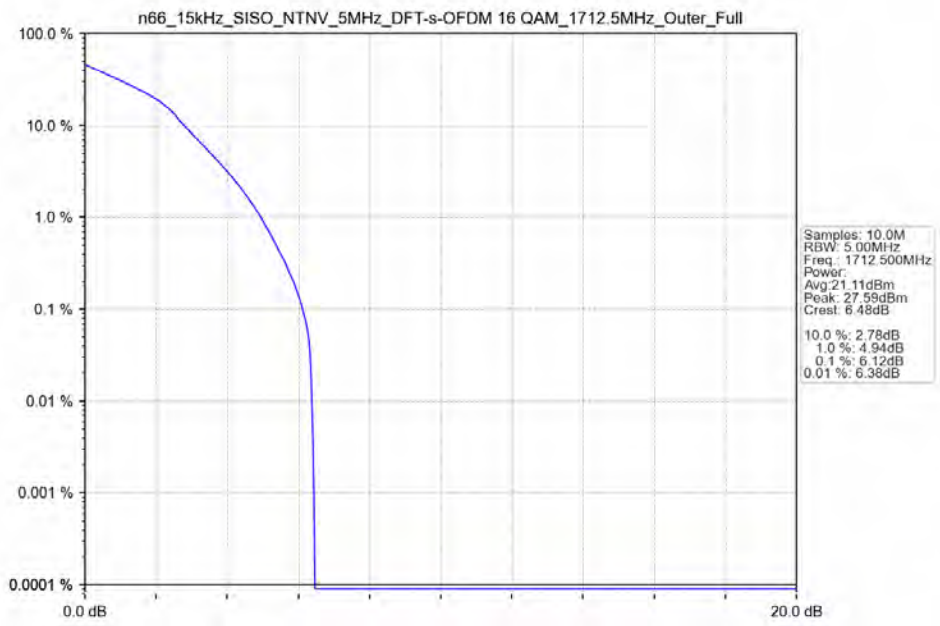

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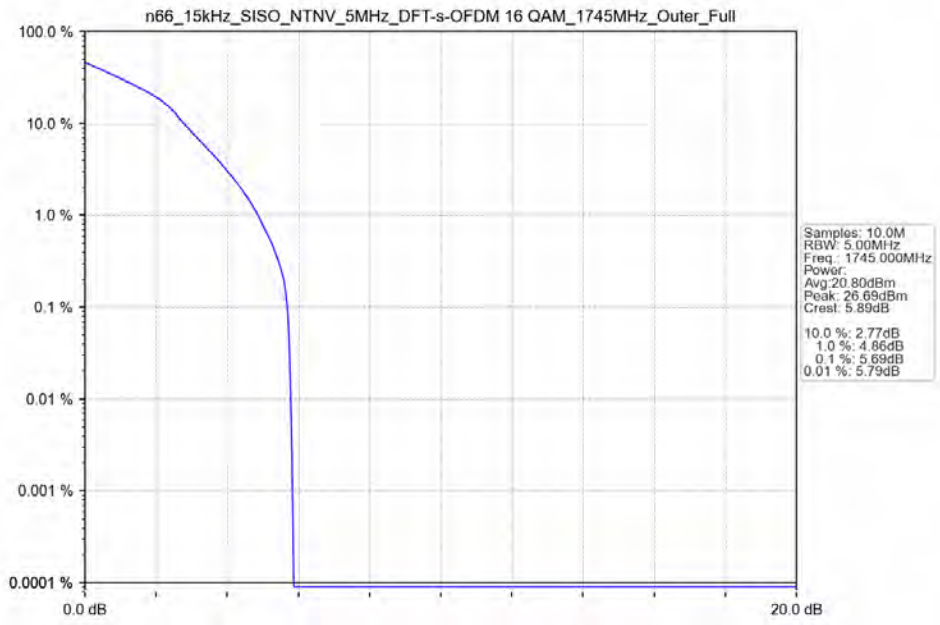

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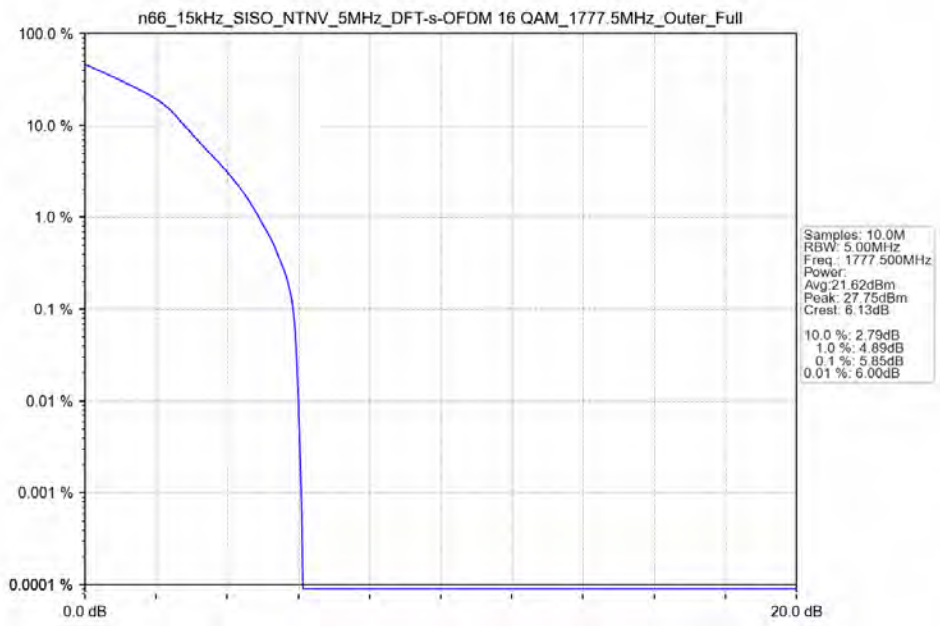

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1712.5MHz_Outer_Full

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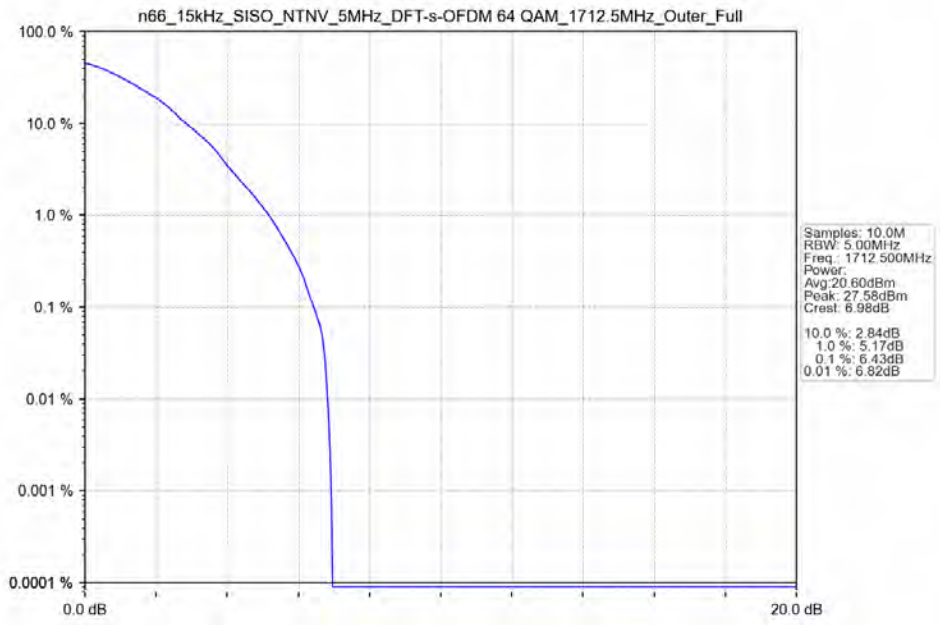

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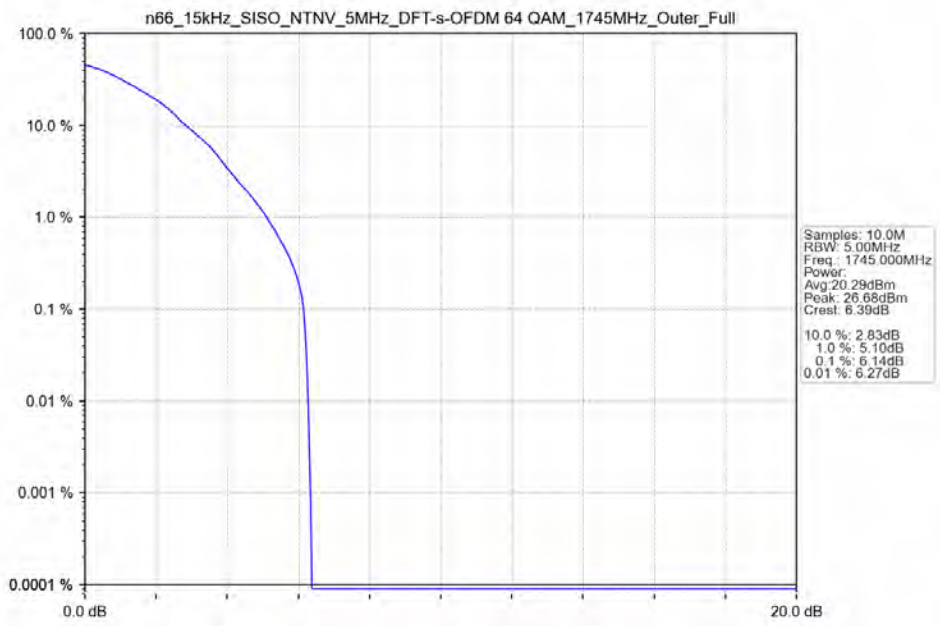

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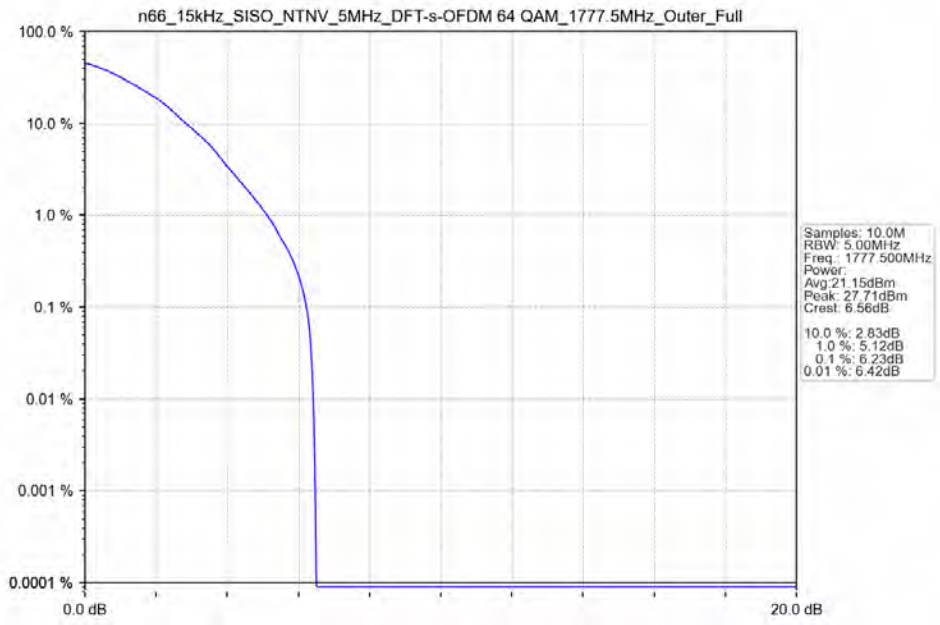

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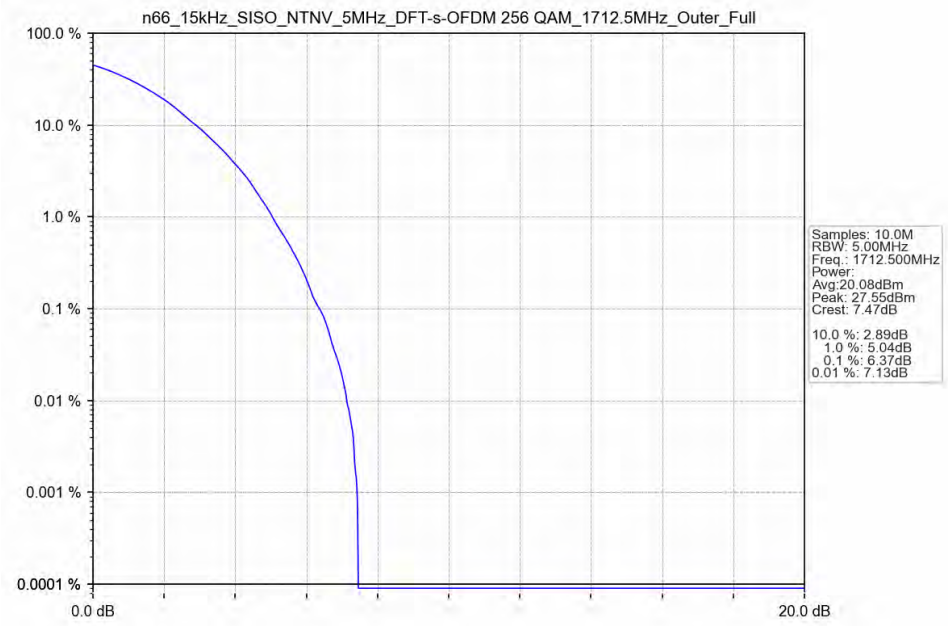

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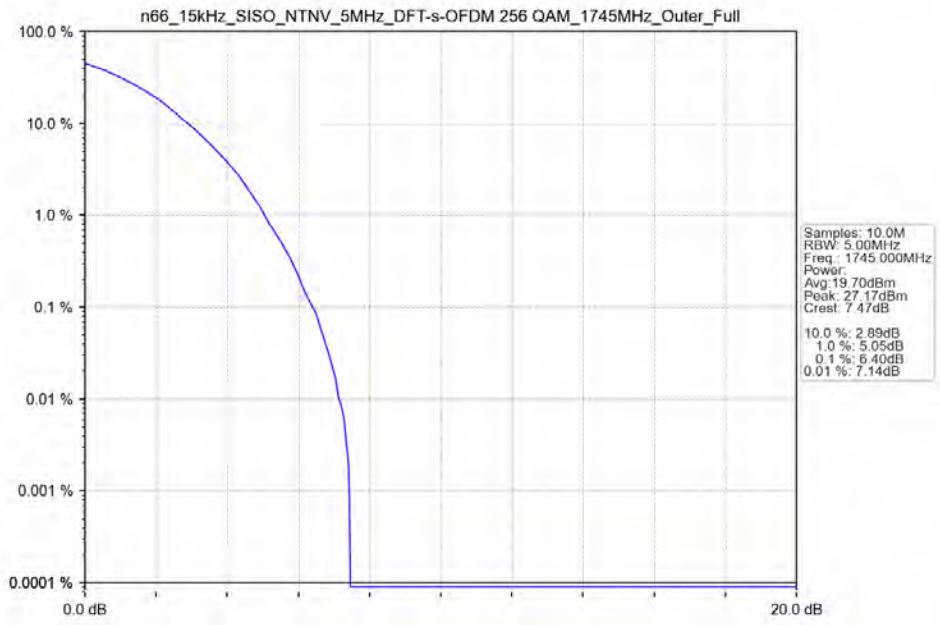

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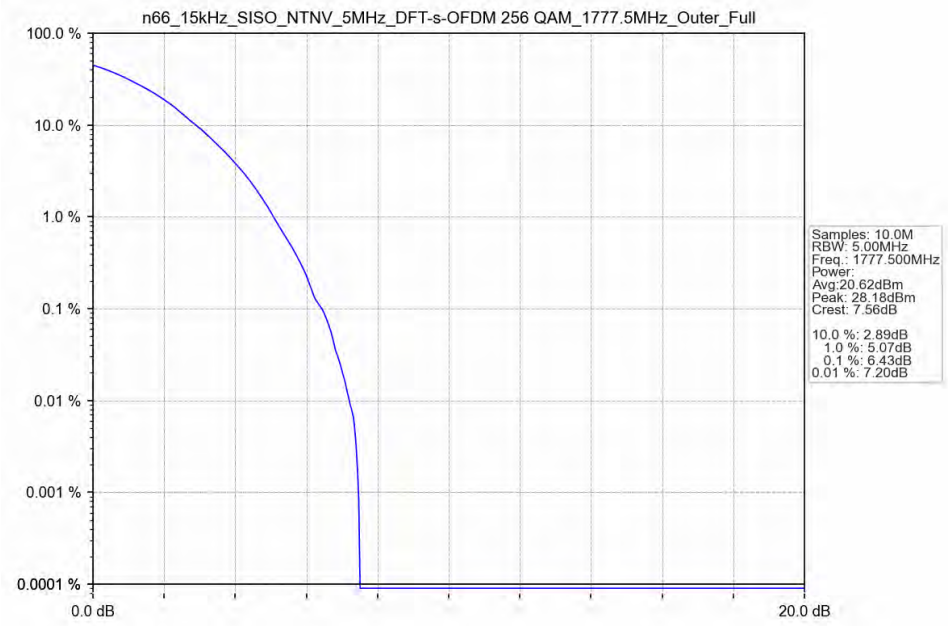

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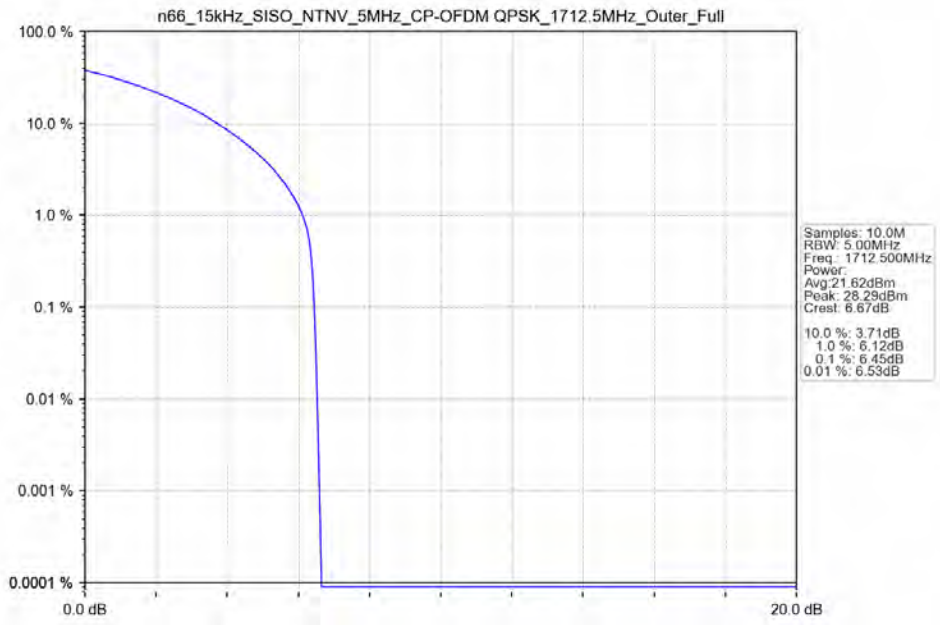

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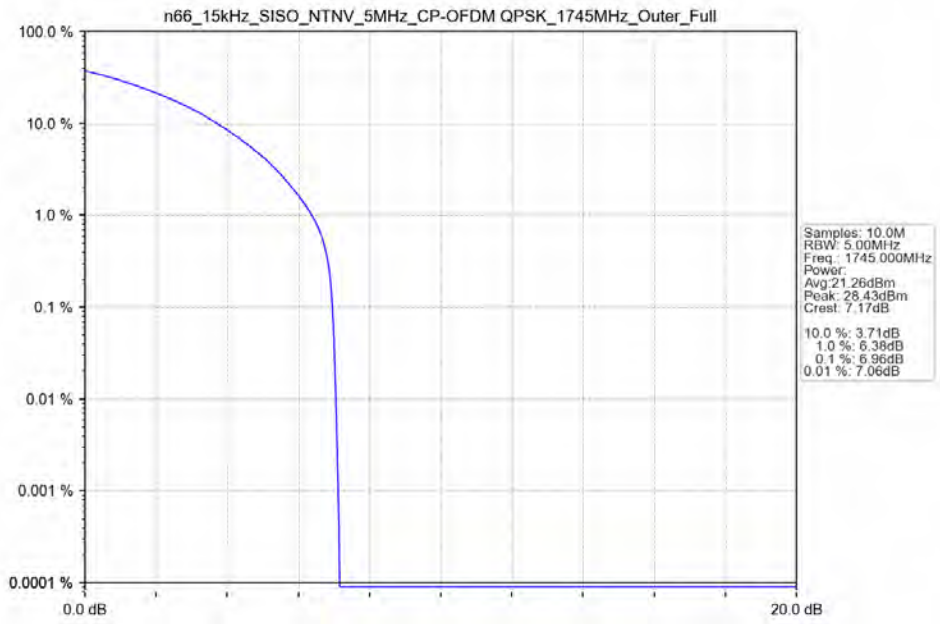

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1777.5MHz_Outer_Full

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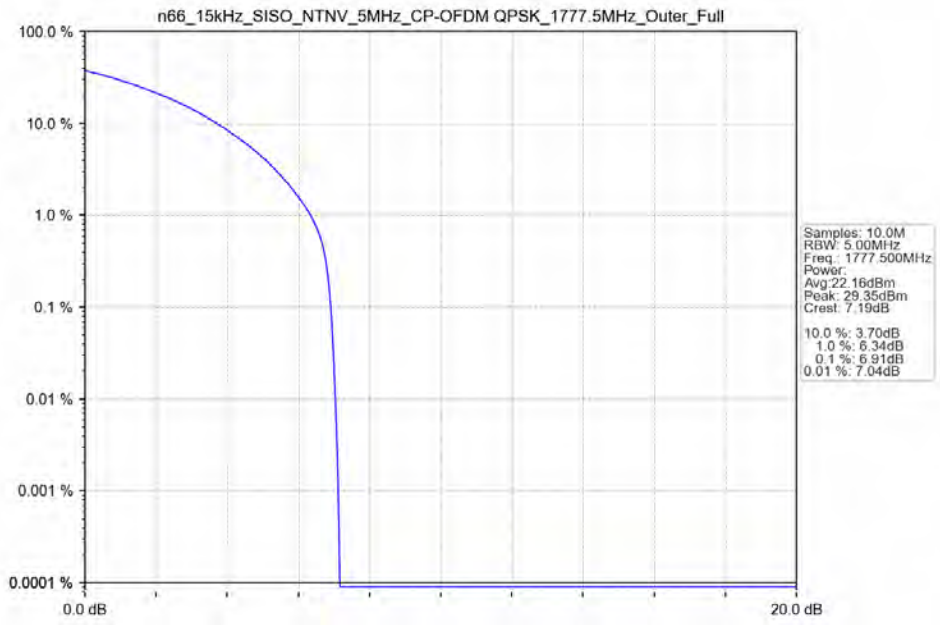

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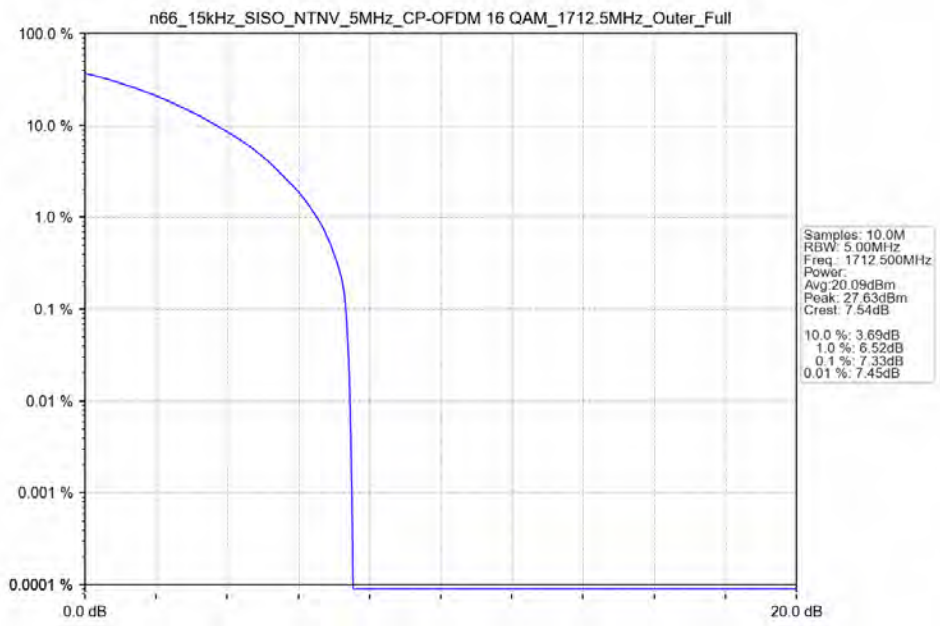
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1712.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full

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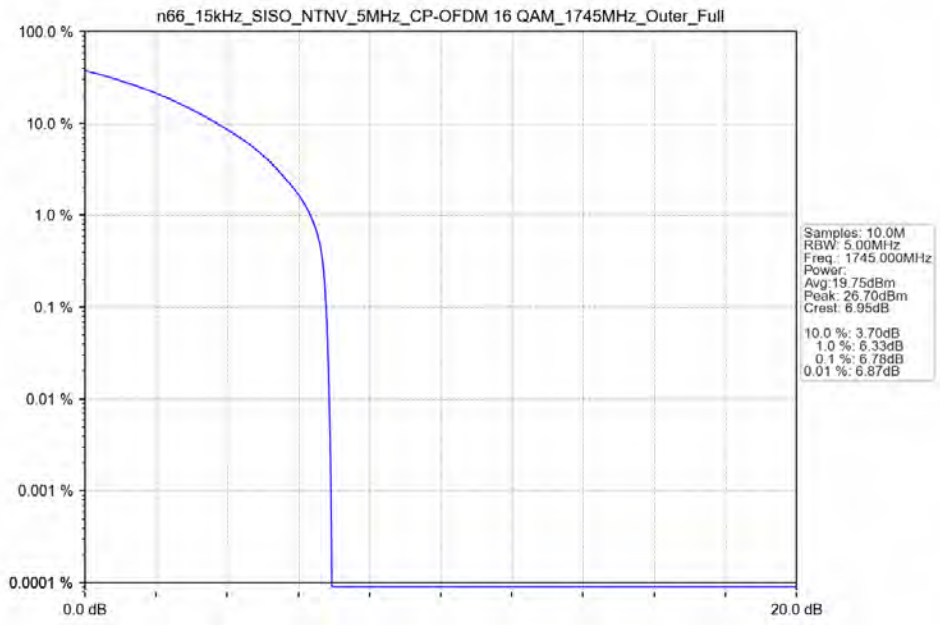

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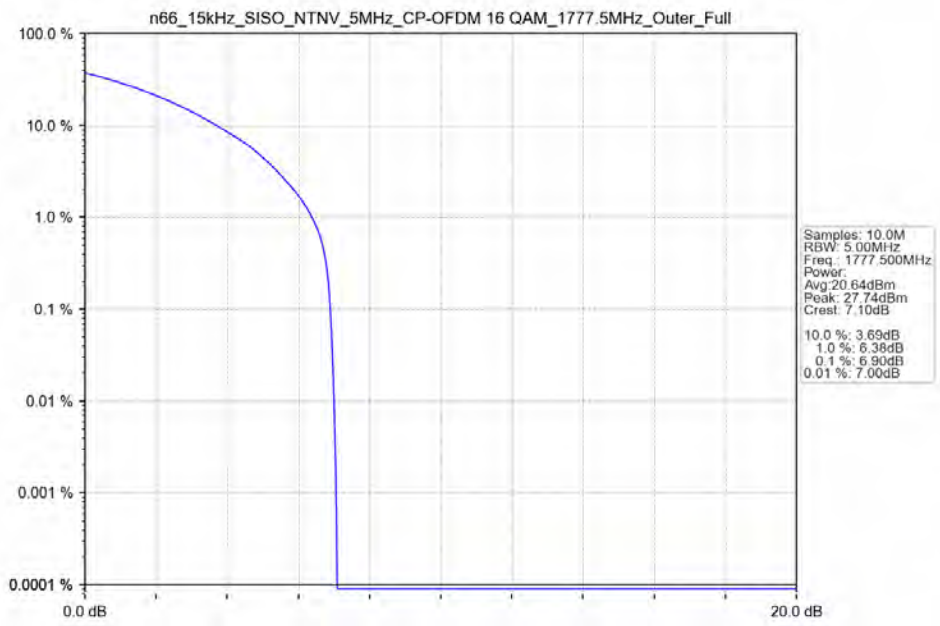
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1777.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1712.5MHz_Outer_Full

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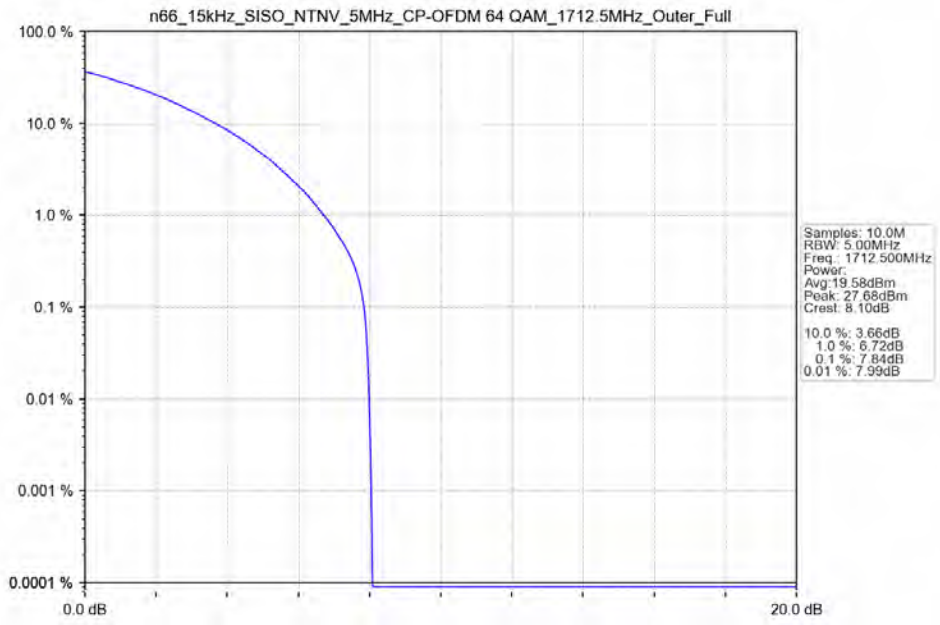

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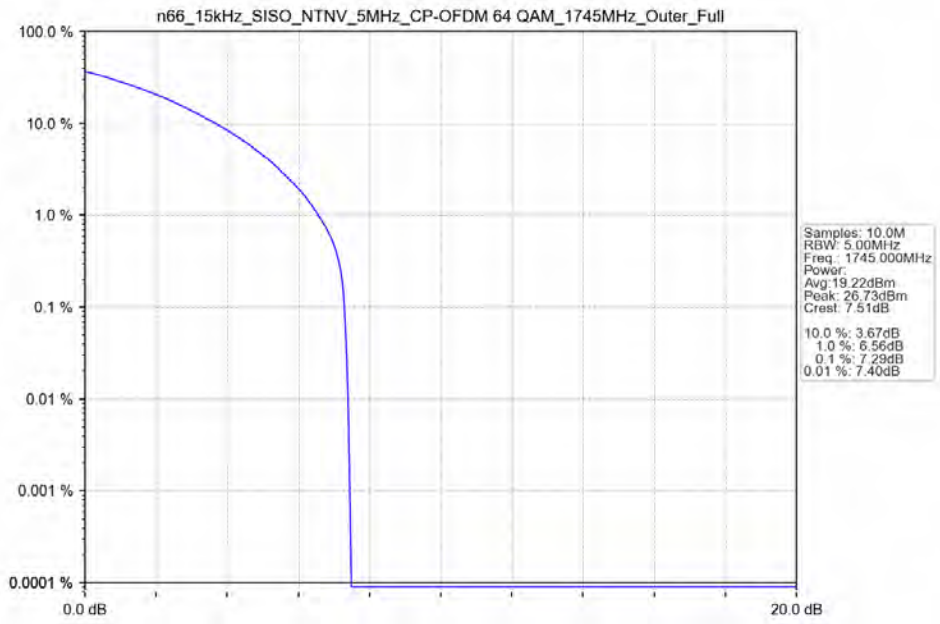
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full



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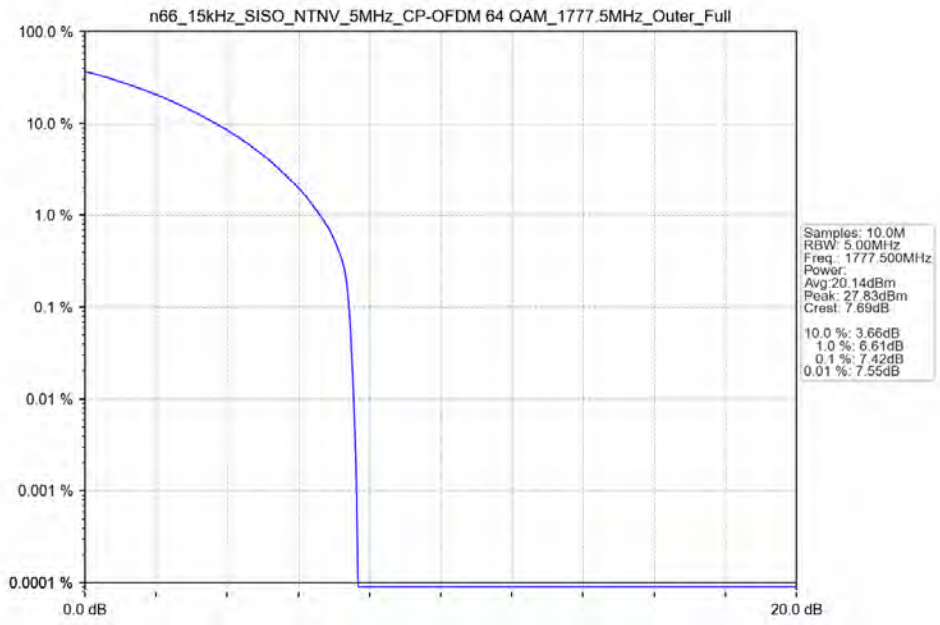

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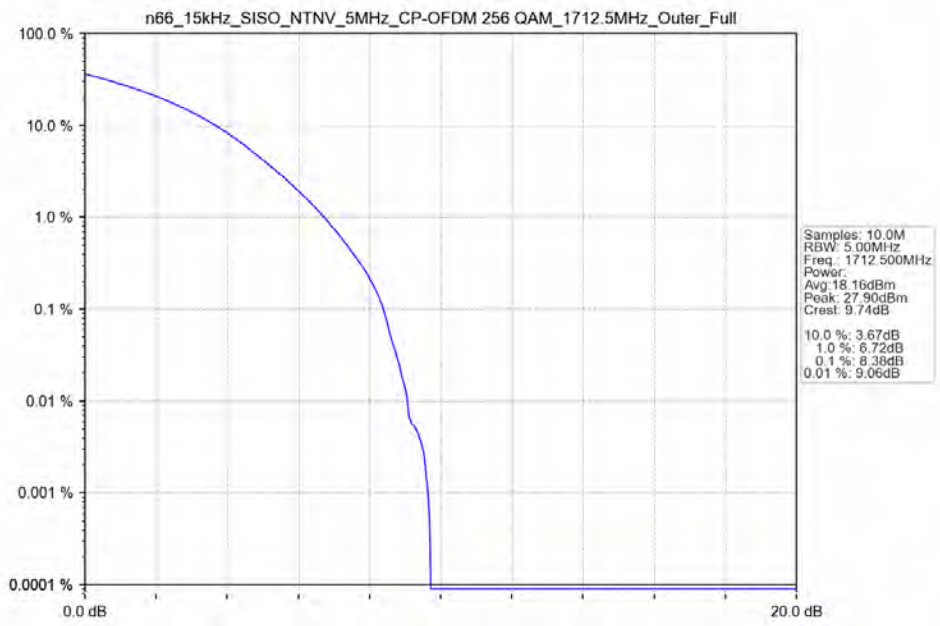

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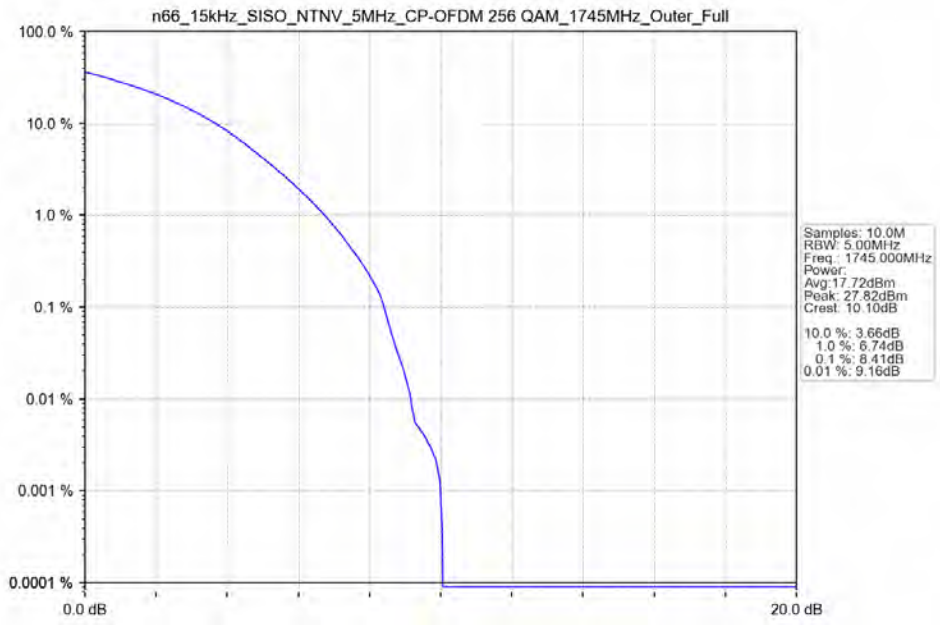

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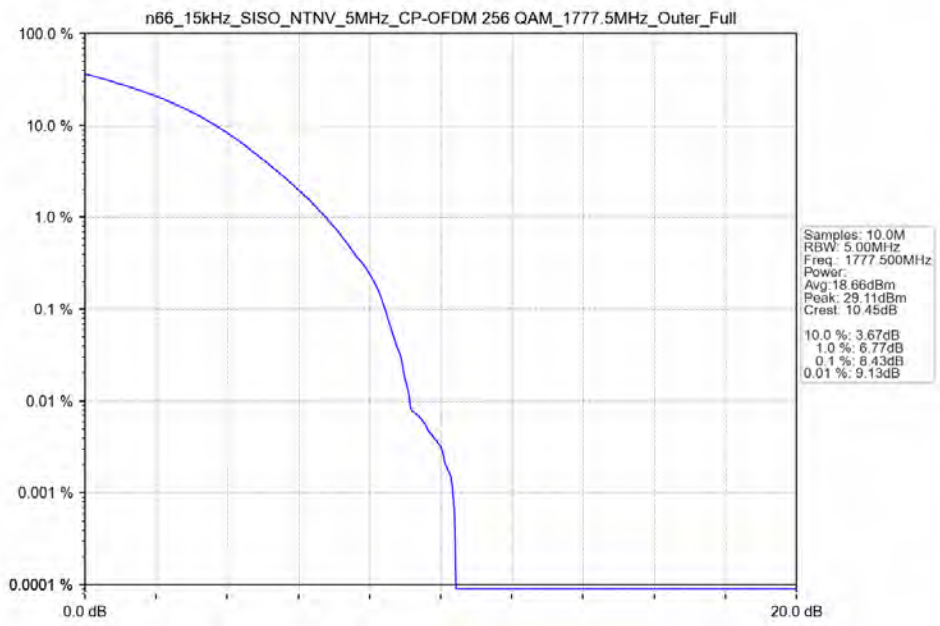

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