

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n12 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	701.5	Outer_Full	23.17	/	/	21.22	/	/	<=34.77	Pass
		Inner_Full	23.72	/	/	21.77	/	/	<=34.77	Pass
		Inner_1RB_Left	23.77	/	/	21.82	/	/	<=34.77	Pass
		Inner_1RB_Right	23.81	/	/	21.86	/	/	<=34.77	Pass
	707.5	Outer_Full	23.32	/	/	21.37	/	/	<=34.77	Pass
		Inner_Full	23.79	/	/	21.84	/	/	<=34.77	Pass
		Inner_1RB_Left	23.70	/	/	21.75	/	/	<=34.77	Pass
		Inner_1RB_Right	23.70	/	/	21.75	/	/	<=34.77	Pass
	713.5	Outer_Full	23.33	/	/	21.38	/	/	<=34.77	Pass
		Inner_Full	23.94	/	/	21.99	/	/	<=34.77	Pass
		Inner_1RB_Left	23.70	/	/	21.75	/	/	<=34.77	Pass
		Inner_1RB_Right	23.95	/	/	22.00	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	701.5	Outer_Full	22.74	/	/	20.79	/	/	<=34.77	Pass
		Inner_Full	23.79	/	/	21.84	/	/	<=34.77	Pass
		Inner_1RB_Left	23.75	/	/	21.80	/	/	<=34.77	Pass
		Inner_1RB_Right	23.85	/	/	21.90	/	/	<=34.77	Pass
	707.5	Outer_Full	22.76	/	/	20.81	/	/	<=34.77	Pass
		Inner_Full	23.84	/	/	21.89	/	/	<=34.77	Pass
		Inner_1RB_Left	23.73	/	/	21.78	/	/	<=34.77	Pass
		Inner_1RB_Right	23.82	/	/	21.87	/	/	<=34.77	Pass
	713.5	Outer_Full	22.81	/	/	20.86	/	/	<=34.77	Pass
		Inner_Full	23.93	/	/	21.98	/	/	<=34.77	Pass
		Inner_1RB_Left	23.77	/	/	21.82	/	/	<=34.77	Pass
		Inner_1RB_Right	23.92	/	/	21.97	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	701.5	Outer_Full	21.71	/	/	19.76	/	/	<=34.77	Pass
		Inner_Full	22.84	/	/	20.89	/	/	<=34.77	Pass
		Inner_1RB_Left	22.45	/	/	20.50	/	/	<=34.77	Pass
		Inner_1RB_Right	22.57	/	/	20.62	/	/	<=34.77	Pass
	707.5	Outer_Full	21.80	/	/	19.85	/	/	<=34.77	Pass
		Inner_Full	22.83	/	/	20.88	/	/	<=34.77	Pass
		Inner_1RB_Left	22.44	/	/	20.49	/	/	<=34.77	Pass
		Inner_1RB_Right	22.58	/	/	20.63	/	/	<=34.77	Pass
	713.5	Outer_Full	21.84	/	/	19.89	/	/	<=34.77	Pass
		Inner_Full	22.97	/	/	21.02	/	/	<=34.77	Pass
		Inner_1RB_Left	22.50	/	/	20.55	/	/	<=34.77	Pass
		Inner_1RB_Right	22.74	/	/	20.79	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	701.5	Outer_Full	21.20	/	/	19.25	/	/	<=34.77	Pass
		Inner_Full	21.21	/	/	19.26	/	/	<=34.77	Pass
		Inner_1RB_Left	21.01	/	/	19.06	/	/	<=34.77	Pass
		Inner_1RB_Right	21.11	/	/	19.16	/	/	<=34.77	Pass
	707.5	Outer_Full	21.20	/	/	19.25	/	/	<=34.77	Pass
		Inner_Full	21.25	/	/	19.30	/	/	<=34.77	Pass
		Inner_1RB_Left	21.16	/	/	19.21	/	/	<=34.77	Pass
		Inner_1RB_Right	21.18	/	/	19.23	/	/	<=34.77	Pass
	713.5	Outer_Full	21.31	/	/	19.36	/	/	<=34.77	Pass
		Inner_Full	21.35	/	/	19.40	/	/	<=34.77	Pass
		Inner_1RB_Left	21.08	/	/	19.13	/	/	<=34.77	Pass
		Inner_1RB_Right	21.22	/	/	19.27	/	/	<=34.77	Pass
DFT-s-OFDM 256	701.5	Outer_Full	19.23	/	/	17.28	/	/	<=34.77	Pass

QAM		Inner Full	19.21	/	/	17.26	/	/	<=34.77	Pass
		Inner 1RB Left	19.50	/	/	17.55	/	/	<=34.77	Pass
		Inner 1RB Right	19.57	/	/	17.62	/	/	<=34.77	Pass
	707.5	Outer Full	19.25	/	/	17.30	/	/	<=34.77	Pass
		Inner Full	19.28	/	/	17.33	/	/	<=34.77	Pass
		Inner 1RB Left	19.44	/	/	17.49	/	/	<=34.77	Pass
		Inner 1RB Right	19.51	/	/	17.56	/	/	<=34.77	Pass
	713.5	Outer Full	19.37	/	/	17.42	/	/	<=34.77	Pass
		Inner Full	19.37	/	/	17.42	/	/	<=34.77	Pass
		Inner 1RB Left	19.54	/	/	17.59	/	/	<=34.77	Pass
		Inner 1RB Right	19.69	/	/	17.74	/	/	<=34.77	Pass
CP-OFDM QPSK	701.5	Outer Full	20.70	/	/	18.75	/	/	<=34.77	Pass
		Inner Full	22.40	/	/	20.45	/	/	<=34.77	Pass
		Inner 1RB Left	22.06	/	/	20.11	/	/	<=34.77	Pass
		Inner 1RB Right	22.20	/	/	20.25	/	/	<=34.77	Pass
	707.5	Outer Full	20.73	/	/	18.78	/	/	<=34.77	Pass
		Inner Full	22.36	/	/	20.41	/	/	<=34.77	Pass
		Inner 1RB Left	22.12	/	/	20.17	/	/	<=34.77	Pass
		Inner 1RB Right	22.19	/	/	20.24	/	/	<=34.77	Pass
	713.5	Outer Full	20.87	/	/	18.92	/	/	<=34.77	Pass
		Inner Full	22.49	/	/	20.54	/	/	<=34.77	Pass
		Inner 1RB Left	22.17	/	/	20.22	/	/	<=34.77	Pass
		Inner 1RB Right	22.30	/	/	20.35	/	/	<=34.77	Pass
CP-OFDM 16 QAM	701.5	Outer Full	20.78	/	/	18.83	/	/	<=34.77	Pass
		Inner Full	21.98	/	/	20.03	/	/	<=34.77	Pass
		Inner 1RB Left	21.76	/	/	19.81	/	/	<=34.77	Pass
		Inner 1RB Right	21.94	/	/	19.99	/	/	<=34.77	Pass
	707.5	Outer Full	20.78	/	/	18.83	/	/	<=34.77	Pass
		Inner Full	21.98	/	/	20.03	/	/	<=34.77	Pass
		Inner 1RB Left	21.86	/	/	19.91	/	/	<=34.77	Pass
		Inner 1RB Right	21.88	/	/	19.93	/	/	<=34.77	Pass
	713.5	Outer Full	20.83	/	/	18.88	/	/	<=34.77	Pass
		Inner Full	22.13	/	/	20.18	/	/	<=34.77	Pass
		Inner 1RB Left	21.76	/	/	19.81	/	/	<=34.77	Pass
		Inner 1RB Right	21.92	/	/	19.97	/	/	<=34.77	Pass
CP-OFDM 64 QAM	701.5	Outer Full	20.07	/	/	18.12	/	/	<=34.77	Pass
		Inner Full	20.34	/	/	18.39	/	/	<=34.77	Pass
		Inner 1RB Left	20.16	/	/	18.21	/	/	<=34.77	Pass
		Inner 1RB Right	20.44	/	/	18.49	/	/	<=34.77	Pass
	707.5	Outer Full	20.17	/	/	18.22	/	/	<=34.77	Pass
		Inner Full	20.37	/	/	18.42	/	/	<=34.77	Pass
		Inner 1RB Left	20.18	/	/	18.23	/	/	<=34.77	Pass
		Inner 1RB Right	20.28	/	/	18.33	/	/	<=34.77	Pass
	713.5	Outer Full	20.26	/	/	18.31	/	/	<=34.77	Pass
		Inner Full	20.55	/	/	18.60	/	/	<=34.77	Pass
		Inner 1RB Left	20.18	/	/	18.23	/	/	<=34.77	Pass
		Inner 1RB Right	20.35	/	/	18.40	/	/	<=34.77	Pass
CP-OFDM 256 QAM	701.5	Outer Full	17.33	/	/	15.38	/	/	<=34.77	Pass
		Inner Full	17.25	/	/	15.30	/	/	<=34.77	Pass
		Inner 1RB Left	17.64	/	/	15.69	/	/	<=34.77	Pass
		Inner 1RB Right	17.79	/	/	15.84	/	/	<=34.77	Pass
	707.5	Outer Full	17.44	/	/	15.49	/	/	<=34.77	Pass
		Inner Full	17.19	/	/	15.24	/	/	<=34.77	Pass
		Inner 1RB Left	17.73	/	/	15.78	/	/	<=34.77	Pass
		Inner 1RB Right	17.73	/	/	15.78	/	/	<=34.77	Pass
	713.5	Outer Full	17.48	/	/	15.53	/	/	<=34.77	Pass
		Inner Full	17.42	/	/	15.47	/	/	<=34.77	Pass
		Inner 1RB Left	17.69	/	/	15.74	/	/	<=34.77	Pass
		Inner 1RB Right	17.84	/	/	15.89	/	/	<=34.77	Pass

Note1: Antenna Gain: Ant1: 0.20dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n12 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	704	Outer_Full	23.24	/	/	21.29	/	/	<=34.77	Pass
		Inner_Full	23.76	/	/	21.81	/	/	<=34.77	Pass
		Inner_1RB_Left	23.80	/	/	21.85	/	/	<=34.77	Pass
		Inner_1RB_Right	23.76	/	/	21.81	/	/	<=34.77	Pass
	707.5	Outer_Full	23.19	/	/	21.24	/	/	<=34.77	Pass
		Inner_Full	23.79	/	/	21.84	/	/	<=34.77	Pass
		Inner_1RB_Left	23.72	/	/	21.77	/	/	<=34.77	Pass
		Inner_1RB_Right	23.74	/	/	21.79	/	/	<=34.77	Pass
	711	Outer_Full	23.29	/	/	21.34	/	/	<=34.77	Pass
		Inner_Full	23.81	/	/	21.86	/	/	<=34.77	Pass
		Inner_1RB_Left	23.84	/	/	21.89	/	/	<=34.77	Pass
		Inner_1RB_Right	23.93	/	/	21.98	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	704	Outer_Full	22.69	/	/	20.74	/	/	<=34.77	Pass
		Inner_Full	23.79	/	/	21.84	/	/	<=34.77	Pass
		Inner_1RB_Left	23.80	/	/	21.85	/	/	<=34.77	Pass
		Inner_1RB_Right	23.93	/	/	21.98	/	/	<=34.77	Pass
	707.5	Outer_Full	22.79	/	/	20.84	/	/	<=34.77	Pass
		Inner_Full	23.91	/	/	21.96	/	/	<=34.77	Pass
		Inner_1RB_Left	23.82	/	/	21.87	/	/	<=34.77	Pass
		Inner_1RB_Right	23.83	/	/	21.88	/	/	<=34.77	Pass
	711	Outer_Full	22.83	/	/	20.88	/	/	<=34.77	Pass
		Inner_Full	23.88	/	/	21.93	/	/	<=34.77	Pass
		Inner_1RB_Left	23.83	/	/	21.88	/	/	<=34.77	Pass
		Inner_1RB_Right	23.95	/	/	22.00	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	704	Outer_Full	21.67	/	/	19.72	/	/	<=34.77	Pass
		Inner_Full	22.76	/	/	20.81	/	/	<=34.77	Pass
		Inner_1RB_Left	22.49	/	/	20.54	/	/	<=34.77	Pass
		Inner_1RB_Right	22.62	/	/	20.67	/	/	<=34.77	Pass
	707.5	Outer_Full	21.74	/	/	19.79	/	/	<=34.77	Pass
		Inner_Full	22.83	/	/	20.88	/	/	<=34.77	Pass
		Inner_1RB_Left	22.51	/	/	20.56	/	/	<=34.77	Pass
		Inner_1RB_Right	22.56	/	/	20.61	/	/	<=34.77	Pass
	711	Outer_Full	21.89	/	/	19.94	/	/	<=34.77	Pass
		Inner_Full	22.88	/	/	20.93	/	/	<=34.77	Pass
		Inner_1RB_Left	22.52	/	/	20.57	/	/	<=34.77	Pass
		Inner_1RB_Right	22.70	/	/	20.75	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	704	Outer_Full	21.27	/	/	19.32	/	/	<=34.77	Pass
		Inner_Full	21.25	/	/	19.30	/	/	<=34.77	Pass
		Inner_1RB_Left	21.06	/	/	19.11	/	/	<=34.77	Pass
		Inner_1RB_Right	21.17	/	/	19.22	/	/	<=34.77	Pass
	707.5	Outer_Full	21.31	/	/	19.36	/	/	<=34.77	Pass
		Inner_Full	21.26	/	/	19.31	/	/	<=34.77	Pass
		Inner_1RB_Left	21.10	/	/	19.15	/	/	<=34.77	Pass
		Inner_1RB_Right	21.15	/	/	19.20	/	/	<=34.77	Pass
	711	Outer_Full	21.38	/	/	19.43	/	/	<=34.77	Pass
		Inner_Full	21.30	/	/	19.35	/	/	<=34.77	Pass
		Inner_1RB_Left	21.10	/	/	19.15	/	/	<=34.77	Pass
		Inner_1RB_Right	21.24	/	/	19.29	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	704	Outer_Full	19.09	/	/	17.14	/	/	<=34.77	Pass
		Inner_Full	19.29	/	/	17.34	/	/	<=34.77	Pass

		Inner 1RB Left	19.52	/	/	17.57	/	/	<=34.77	Pass
		Inner 1RB Right	19.56	/	/	17.61	/	/	<=34.77	Pass
	707.5	Outer Full	19.12	/	/	17.17	/	/	<=34.77	Pass
		Inner Full	19.30	/	/	17.35	/	/	<=34.77	Pass
		Inner 1RB Left	19.50	/	/	17.55	/	/	<=34.77	Pass
		Inner 1RB Right	19.53	/	/	17.58	/	/	<=34.77	Pass
	711	Outer Full	19.27	/	/	17.32	/	/	<=34.77	Pass
		Inner Full	19.31	/	/	17.36	/	/	<=34.77	Pass
		Inner 1RB Left	19.54	/	/	17.59	/	/	<=34.77	Pass
		Inner 1RB Right	19.58	/	/	17.63	/	/	<=34.77	Pass
CP-OFDM QPSK	704	Outer Full	20.75	/	/	18.80	/	/	<=34.77	Pass
		Inner Full	22.22	/	/	20.27	/	/	<=34.77	Pass
		Inner 1RB Left	22.12	/	/	20.17	/	/	<=34.77	Pass
		Inner 1RB Right	22.22	/	/	20.27	/	/	<=34.77	Pass
	707.5	Outer Full	20.71	/	/	18.76	/	/	<=34.77	Pass
		Inner Full	22.28	/	/	20.33	/	/	<=34.77	Pass
		Inner 1RB Left	22.16	/	/	20.21	/	/	<=34.77	Pass
		Inner 1RB Right	22.15	/	/	20.20	/	/	<=34.77	Pass
	711	Outer Full	20.80	/	/	18.85	/	/	<=34.77	Pass
		Inner Full	22.37	/	/	20.42	/	/	<=34.77	Pass
		Inner 1RB Left	22.20	/	/	20.25	/	/	<=34.77	Pass
		Inner 1RB Right	22.35	/	/	20.40	/	/	<=34.77	Pass
CP-OFDM 16 QAM	704	Outer Full	20.76	/	/	18.81	/	/	<=34.77	Pass
		Inner Full	21.90	/	/	19.95	/	/	<=34.77	Pass
		Inner 1RB Left	21.78	/	/	19.83	/	/	<=34.77	Pass
		Inner 1RB Right	21.94	/	/	19.99	/	/	<=34.77	Pass
	707.5	Outer Full	20.73	/	/	18.78	/	/	<=34.77	Pass
		Inner Full	21.86	/	/	19.91	/	/	<=34.77	Pass
		Inner 1RB Left	21.71	/	/	19.76	/	/	<=34.77	Pass
		Inner 1RB Right	21.86	/	/	19.91	/	/	<=34.77	Pass
	711	Outer Full	20.82	/	/	18.87	/	/	<=34.77	Pass
		Inner Full	21.94	/	/	19.99	/	/	<=34.77	Pass
		Inner 1RB Left	21.85	/	/	19.90	/	/	<=34.77	Pass
		Inner 1RB Right	22.02	/	/	20.07	/	/	<=34.77	Pass
CP-OFDM 64 QAM	704	Outer Full	20.17	/	/	18.22	/	/	<=34.77	Pass
		Inner Full	20.27	/	/	18.32	/	/	<=34.77	Pass
		Inner 1RB Left	20.18	/	/	18.23	/	/	<=34.77	Pass
		Inner 1RB Right	20.34	/	/	18.39	/	/	<=34.77	Pass
	707.5	Outer Full	20.19	/	/	18.24	/	/	<=34.77	Pass
		Inner Full	20.30	/	/	18.35	/	/	<=34.77	Pass
		Inner 1RB Left	20.23	/	/	18.28	/	/	<=34.77	Pass
		Inner 1RB Right	20.32	/	/	18.37	/	/	<=34.77	Pass
	711	Outer Full	20.20	/	/	18.25	/	/	<=34.77	Pass
		Inner Full	20.36	/	/	18.41	/	/	<=34.77	Pass
		Inner 1RB Left	20.45	/	/	18.50	/	/	<=34.77	Pass
		Inner 1RB Right	20.51	/	/	18.56	/	/	<=34.77	Pass
CP-OFDM 256 QAM	704	Outer Full	17.25	/	/	15.30	/	/	<=34.77	Pass
		Inner Full	17.35	/	/	15.40	/	/	<=34.77	Pass
		Inner 1RB Left	17.67	/	/	15.72	/	/	<=34.77	Pass
		Inner 1RB Right	17.81	/	/	15.86	/	/	<=34.77	Pass
	707.5	Outer Full	17.25	/	/	15.30	/	/	<=34.77	Pass
		Inner Full	17.33	/	/	15.38	/	/	<=34.77	Pass
		Inner 1RB Left	17.66	/	/	15.71	/	/	<=34.77	Pass
		Inner 1RB Right	17.75	/	/	15.80	/	/	<=34.77	Pass
	711	Outer Full	17.30	/	/	15.35	/	/	<=34.77	Pass
		Inner Full	17.40	/	/	15.45	/	/	<=34.77	Pass
		Inner 1RB Left	17.76	/	/	15.81	/	/	<=34.77	Pass
		Inner 1RB Right	17.95	/	/	16.00	/	/	<=34.77	Pass

Note1: Antenna Gain: Ant1: 0.20dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 15k_SISO_15MHz_NTNV_ERP

5G NR n12 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	706.5	Outer_Full	23.23	/	/	21.28	/	/	<=34.77	Pass
		Inner_Full	23.84	/	/	21.89	/	/	<=34.77	Pass
		Inner_1RB_Left	23.81	/	/	21.86	/	/	<=34.77	Pass
		Inner_1RB_Right	23.97	/	/	22.02	/	/	<=34.77	Pass
	707.5	Outer_Full	23.23	/	/	21.28	/	/	<=34.77	Pass
		Inner_Full	23.84	/	/	21.89	/	/	<=34.77	Pass
		Inner_1RB_Left	23.74	/	/	21.79	/	/	<=34.77	Pass
		Inner_1RB_Right	24.03	/	/	22.08	/	/	<=34.77	Pass
	708.5	Outer_Full	23.29	/	/	21.34	/	/	<=34.77	Pass
		Inner_Full	23.90	/	/	21.95	/	/	<=34.77	Pass
		Inner_1RB_Left	23.89	/	/	21.94	/	/	<=34.77	Pass
		Inner_1RB_Right	24.06	/	/	22.11	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	706.5	Outer_Full	22.81	/	/	20.86	/	/	<=34.77	Pass
		Inner_Full	23.92	/	/	21.97	/	/	<=34.77	Pass
		Inner_1RB_Left	23.83	/	/	21.88	/	/	<=34.77	Pass
		Inner_1RB_Right	24.00	/	/	22.05	/	/	<=34.77	Pass
	707.5	Outer_Full	22.70	/	/	20.75	/	/	<=34.77	Pass
		Inner_Full	23.90	/	/	21.95	/	/	<=34.77	Pass
		Inner_1RB_Left	23.80	/	/	21.85	/	/	<=34.77	Pass
		Inner_1RB_Right	23.93	/	/	21.98	/	/	<=34.77	Pass
	708.5	Outer_Full	22.82	/	/	20.87	/	/	<=34.77	Pass
		Inner_Full	23.90	/	/	21.95	/	/	<=34.77	Pass
		Inner_1RB_Left	23.83	/	/	21.88	/	/	<=34.77	Pass
		Inner_1RB_Right	23.97	/	/	22.02	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	706.5	Outer_Full	21.81	/	/	19.86	/	/	<=34.77	Pass
		Inner_Full	22.90	/	/	20.95	/	/	<=34.77	Pass
		Inner_1RB_Left	22.55	/	/	20.60	/	/	<=34.77	Pass
		Inner_1RB_Right	22.71	/	/	20.76	/	/	<=34.77	Pass
	707.5	Outer_Full	21.75	/	/	19.80	/	/	<=34.77	Pass
		Inner_Full	22.86	/	/	20.91	/	/	<=34.77	Pass
		Inner_1RB_Left	22.54	/	/	20.59	/	/	<=34.77	Pass
		Inner_1RB_Right	22.86	/	/	20.91	/	/	<=34.77	Pass
	708.5	Outer_Full	21.87	/	/	19.92	/	/	<=34.77	Pass
		Inner_Full	22.86	/	/	20.91	/	/	<=34.77	Pass
		Inner_1RB_Left	22.64	/	/	20.69	/	/	<=34.77	Pass
		Inner_1RB_Right	22.70	/	/	20.75	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	706.5	Outer_Full	21.32	/	/	19.37	/	/	<=34.77	Pass
		Inner_Full	21.32	/	/	19.37	/	/	<=34.77	Pass
		Inner_1RB_Left	21.14	/	/	19.19	/	/	<=34.77	Pass
		Inner_1RB_Right	21.41	/	/	19.46	/	/	<=34.77	Pass
	707.5	Outer_Full	21.29	/	/	19.34	/	/	<=34.77	Pass
		Inner_Full	21.37	/	/	19.42	/	/	<=34.77	Pass
		Inner_1RB_Left	21.05	/	/	19.10	/	/	<=34.77	Pass
		Inner_1RB_Right	21.23	/	/	19.28	/	/	<=34.77	Pass
	708.5	Outer_Full	21.26	/	/	19.31	/	/	<=34.77	Pass
		Inner_Full	21.33	/	/	19.38	/	/	<=34.77	Pass
		Inner_1RB_Left	21.17	/	/	19.22	/	/	<=34.77	Pass
		Inner_1RB_Right	21.22	/	/	19.27	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	706.5	Outer_Full	19.20	/	/	17.25	/	/	<=34.77	Pass
		Inner_Full	19.16	/	/	17.21	/	/	<=34.77	Pass

		Inner 1RB Left	19.53	/	/	17.58	/	/	<=34.77	Pass
		Inner 1RB Right	19.75	/	/	17.80	/	/	<=34.77	Pass
	707.5	Outer Full	19.24	/	/	17.29	/	/	<=34.77	Pass
		Inner Full	19.21	/	/	17.26	/	/	<=34.77	Pass
		Inner 1RB Left	19.46	/	/	17.51	/	/	<=34.77	Pass
		Inner 1RB Right	19.66	/	/	17.71	/	/	<=34.77	Pass
	708.5	Outer Full	19.28	/	/	17.33	/	/	<=34.77	Pass
		Inner Full	19.23	/	/	17.28	/	/	<=34.77	Pass
		Inner 1RB Left	19.54	/	/	17.59	/	/	<=34.77	Pass
		Inner 1RB Right	19.63	/	/	17.68	/	/	<=34.77	Pass
CP-OFDM QPSK	706.5	Outer Full	20.70	/	/	18.75	/	/	<=34.77	Pass
		Inner Full	22.32	/	/	20.37	/	/	<=34.77	Pass
		Inner 1RB Left	22.08	/	/	20.13	/	/	<=34.77	Pass
		Inner 1RB Right	22.36	/	/	20.41	/	/	<=34.77	Pass
	707.5	Outer Full	20.82	/	/	18.87	/	/	<=34.77	Pass
		Inner Full	22.32	/	/	20.37	/	/	<=34.77	Pass
		Inner 1RB Left	22.17	/	/	20.22	/	/	<=34.77	Pass
		Inner 1RB Right	22.40	/	/	20.45	/	/	<=34.77	Pass
	708.5	Outer Full	20.76	/	/	18.81	/	/	<=34.77	Pass
		Inner Full	22.31	/	/	20.36	/	/	<=34.77	Pass
		Inner 1RB Left	22.21	/	/	20.26	/	/	<=34.77	Pass
		Inner 1RB Right	22.40	/	/	20.45	/	/	<=34.77	Pass
CP-OFDM 16 QAM	706.5	Outer Full	20.73	/	/	18.78	/	/	<=34.77	Pass
		Inner Full	21.85	/	/	19.90	/	/	<=34.77	Pass
		Inner 1RB Left	21.81	/	/	19.86	/	/	<=34.77	Pass
		Inner 1RB Right	21.99	/	/	20.04	/	/	<=34.77	Pass
	707.5	Outer Full	20.81	/	/	18.86	/	/	<=34.77	Pass
		Inner Full	21.81	/	/	19.86	/	/	<=34.77	Pass
		Inner 1RB Left	21.80	/	/	19.85	/	/	<=34.77	Pass
		Inner 1RB Right	22.00	/	/	20.05	/	/	<=34.77	Pass
	708.5	Outer Full	20.82	/	/	18.87	/	/	<=34.77	Pass
		Inner Full	21.87	/	/	19.92	/	/	<=34.77	Pass
		Inner 1RB Left	21.83	/	/	19.88	/	/	<=34.77	Pass
		Inner 1RB Right	21.94	/	/	19.99	/	/	<=34.77	Pass
CP-OFDM 64 QAM	706.5	Outer Full	20.17	/	/	18.22	/	/	<=34.77	Pass
		Inner Full	20.29	/	/	18.34	/	/	<=34.77	Pass
		Inner 1RB Left	20.20	/	/	18.25	/	/	<=34.77	Pass
		Inner 1RB Right	20.59	/	/	18.64	/	/	<=34.77	Pass
	707.5	Outer Full	20.20	/	/	18.25	/	/	<=34.77	Pass
		Inner Full	20.34	/	/	18.39	/	/	<=34.77	Pass
		Inner 1RB Left	20.23	/	/	18.28	/	/	<=34.77	Pass
		Inner 1RB Right	20.43	/	/	18.48	/	/	<=34.77	Pass
	708.5	Outer Full	20.22	/	/	18.27	/	/	<=34.77	Pass
		Inner Full	20.27	/	/	18.32	/	/	<=34.77	Pass
		Inner 1RB Left	20.24	/	/	18.29	/	/	<=34.77	Pass
		Inner 1RB Right	20.43	/	/	18.48	/	/	<=34.77	Pass
CP-OFDM 256 QAM	706.5	Outer Full	17.25	/	/	15.30	/	/	<=34.77	Pass
		Inner Full	17.33	/	/	15.38	/	/	<=34.77	Pass
		Inner 1RB Left	17.69	/	/	15.74	/	/	<=34.77	Pass
		Inner 1RB Right	17.85	/	/	15.90	/	/	<=34.77	Pass
	707.5	Outer Full	17.30	/	/	15.35	/	/	<=34.77	Pass
		Inner Full	17.31	/	/	15.36	/	/	<=34.77	Pass
		Inner 1RB Left	17.69	/	/	15.74	/	/	<=34.77	Pass
		Inner 1RB Right	17.85	/	/	15.90	/	/	<=34.77	Pass
	708.5	Outer Full	17.34	/	/	15.39	/	/	<=34.77	Pass
		Inner Full	17.24	/	/	15.29	/	/	<=34.77	Pass
		Inner 1RB Left	17.79	/	/	15.84	/	/	<=34.77	Pass
		Inner 1RB Right	17.84	/	/	15.89	/	/	<=34.77	Pass

Note1: Antenna Gain: Ant1: 0.20dBi;

Note2: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_15MHz

5G NR n12 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	707.5	Outer_Full	20	LV	-5.10	-0.0072	>=-2.5 & <=2.5	Pass
				HV	-3.70	-0.0052	>=-2.5 & <=2.5	Pass
			-30	NV	-6.30	-0.0089	>=-2.5 & <=2.5	Pass
			-20	NV	-6.10	-0.0086	>=-2.5 & <=2.5	Pass
			-10	NV	-6.10	-0.0086	>=-2.5 & <=2.5	Pass
			0	NV	-3.80	-0.0054	>=-2.5 & <=2.5	Pass
			10	NV	-4.70	-0.0066	>=-2.5 & <=2.5	Pass
			20	NV	-5.10	-0.0072	>=-2.5 & <=2.5	Pass
			30	NV	-3.90	-0.0055	>=-2.5 & <=2.5	Pass
			40	NV	-5.30	-0.0075	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	707.5	Outer_Full	20	LV	-5.80	-0.0082	>=-2.5 & <=2.5	Pass
				HV	-4.70	-0.0066	>=-2.5 & <=2.5	Pass
			-30	NV	-4.60	-0.0065	>=-2.5 & <=2.5	Pass
			-20	NV	-6.10	-0.0086	>=-2.5 & <=2.5	Pass
			-10	NV	-4.30	-0.0061	>=-2.5 & <=2.5	Pass
			0	NV	-4.40	-0.0062	>=-2.5 & <=2.5	Pass
			10	NV	-5.90	-0.0083	>=-2.5 & <=2.5	Pass
			20	NV	-7.40	-0.0105	>=-2.5 & <=2.5	Pass
			30	NV	-4.10	-0.0058	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0079	>=-2.5 & <=2.5	Pass
			50	NV	-4.30	-0.0061	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n12 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	701.5	Outer_Full	4.51	4.92	/	Pass
	707.5	Outer_Full	4.51	4.93	/	Pass
	713.5	Outer_Full	4.53	4.96	/	Pass
DFT-s-OFDM QPSK	701.5	Outer_Full	4.48	4.88	/	Pass
	707.5	Outer_Full	4.48	4.88	/	Pass
	713.5	Outer_Full	4.47	4.89	/	Pass
DFT-s-OFDM 16 QAM	701.5	Outer_Full	4.48	4.92	/	Pass
	707.5	Outer_Full	4.47	4.90	/	Pass
	713.5	Outer_Full	4.48	4.91	/	Pass
DFT-s-OFDM 64 QAM	701.5	Outer_Full	4.50	4.92	/	Pass
	707.5	Outer_Full	4.50	4.89	/	Pass

	713.5	Outer_Full	4.50	4.93	/	Pass
DFT-s-OFDM 256 QAM	701.5	Outer_Full	4.52	4.94	/	Pass
	707.5	Outer_Full	4.51	4.90	/	Pass
	713.5	Outer_Full	4.51	4.93	/	Pass
	701.5	Outer_Full	4.49	4.95	/	Pass
CP-OFDM QPSK	707.5	Outer_Full	4.51	4.95	/	Pass
	713.5	Outer_Full	4.50	4.95	/	Pass
	701.5	Outer_Full	4.49	4.95	/	Pass
CP-OFDM 16 QAM	707.5	Outer_Full	4.48	4.92	/	Pass
	713.5	Outer_Full	4.48	4.91	/	Pass
	701.5	Outer_Full	4.51	4.93	/	Pass
CP-OFDM 64 QAM	707.5	Outer_Full	4.50	4.92	/	Pass
	713.5	Outer_Full	4.50	4.95	/	Pass
	701.5	Outer_Full	4.50	4.93	/	Pass
CP-OFDM 256 QAM	707.5	Outer_Full	4.49	4.92	/	Pass
	713.5	Outer_Full	4.50	4.92	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n12 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	704	Outer_Full	9.02	9.58	/	Pass
	707.5	Outer_Full	9.01	9.54	/	Pass
	711	Outer_Full	9.01	9.57	/	Pass
DFT-s-OFDM QPSK	704	Outer_Full	8.97	9.52	/	Pass
	707.5	Outer_Full	8.95	9.52	/	Pass
	711	Outer_Full	8.97	9.52	/	Pass
DFT-s-OFDM 16 QAM	704	Outer_Full	9.02	9.55	/	Pass
	707.5	Outer_Full	8.99	9.57	/	Pass
	711	Outer_Full	9.00	9.59	/	Pass
DFT-s-OFDM 64 QAM	704	Outer_Full	8.98	9.54	/	Pass
	707.5	Outer_Full	8.96	9.57	/	Pass
	711	Outer_Full	8.97	9.57	/	Pass
DFT-s-OFDM 256 QAM	704	Outer_Full	9.00	9.56	/	Pass
	707.5	Outer_Full	8.99	9.54	/	Pass
	711	Outer_Full	8.97	9.56	/	Pass
CP-OFDM QPSK	704	Outer_Full	9.30	9.88	/	Pass
	707.5	Outer_Full	9.31	9.88	/	Pass
	711	Outer_Full	9.32	9.96	/	Pass
CP-OFDM 16 QAM	704	Outer_Full	9.32	9.89	/	Pass
	707.5	Outer_Full	9.30	9.88	/	Pass
	711	Outer_Full	9.34	9.91	/	Pass
CP-OFDM 64 QAM	704	Outer_Full	9.31	9.86	/	Pass
	707.5	Outer_Full	9.30	9.96	/	Pass
	711	Outer_Full	9.32	9.90	/	Pass
CP-OFDM 256 QAM	704	Outer_Full	9.32	9.93	/	Pass
	707.5	Outer_Full	9.31	9.91	/	Pass
	711	Outer_Full	9.32	9.96	/	Pass

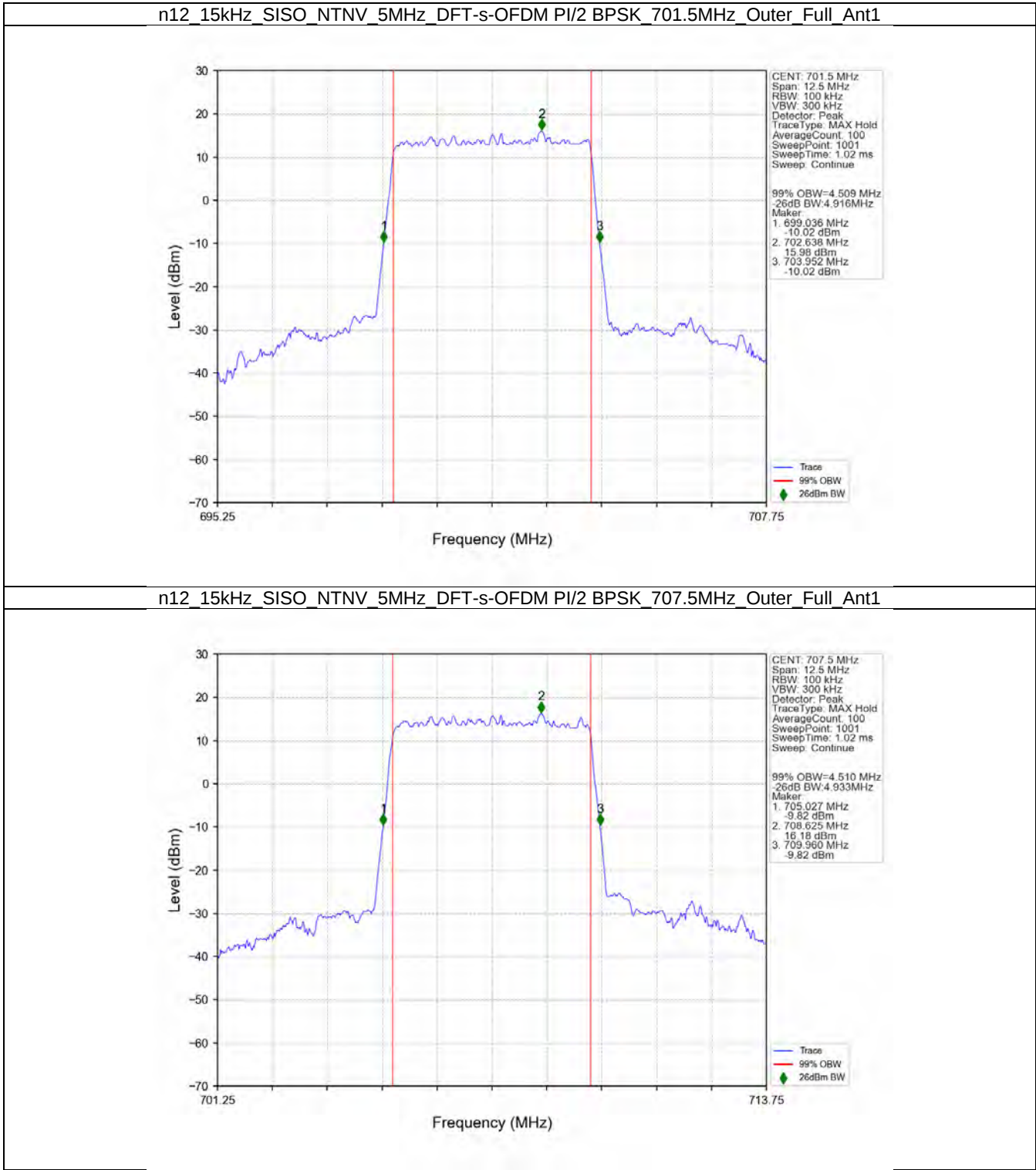
3.1.3 15k_SISO_15MHz_NTNV

5G NR n12 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	706.5	Outer_Full	13.43	14.24	/	Pass

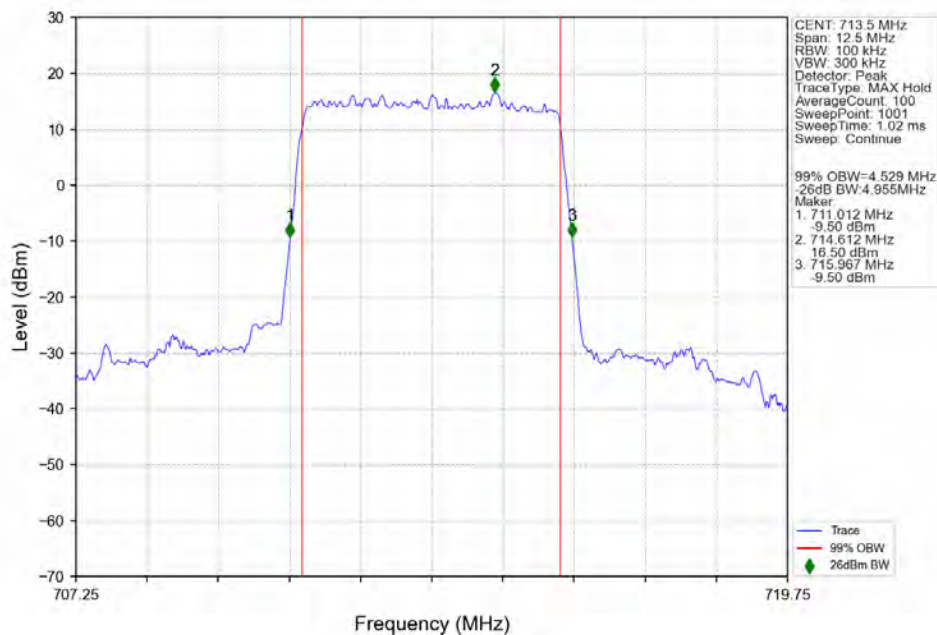
	707.5	Outer_Full	13.55	14.63	/	Pass
	708.5	Outer_Full	13.56	14.64	/	Pass
DFT-s-OFDM QPSK	706.5	Outer_Full	13.47	14.26	/	Pass
	707.5	Outer_Full	13.54	14.58	/	Pass
	708.5	Outer_Full	13.53	14.57	/	Pass
DFT-s-OFDM 16 QAM	706.5	Outer_Full	13.46	14.28	/	Pass
	707.5	Outer_Full	13.59	14.58	/	Pass
	708.5	Outer_Full	13.59	14.63	/	Pass
DFT-s-OFDM 64 QAM	706.5	Outer_Full	13.41	14.21	/	Pass
	707.5	Outer_Full	13.48	14.59	/	Pass
	708.5	Outer_Full	13.53	14.60	/	Pass
DFT-s-OFDM 256 QAM	706.5	Outer_Full	13.51	14.54	/	Pass
	707.5	Outer_Full	13.50	14.55	/	Pass
	708.5	Outer_Full	13.54	14.57	/	Pass
CP-OFDM QPSK	706.5	Outer_Full	14.24	15.27	/	Pass
	707.5	Outer_Full	14.26	15.59	/	Pass
	708.5	Outer_Full	14.25	15.53	/	Pass
CP-OFDM 16 QAM	706.5	Outer_Full	14.29	15.45	/	Pass
	707.5	Outer_Full	14.27	15.83	/	Pass
	708.5	Outer_Full	14.27	16.02	/	Pass
CP-OFDM 64 QAM	706.5	Outer_Full	14.21	15.28	/	Pass
	707.5	Outer_Full	14.21	15.34	/	Pass
	708.5	Outer_Full	14.21	15.48	/	Pass
CP-OFDM 256 QAM	706.5	Outer_Full	14.22	15.28	/	Pass
	707.5	Outer_Full	14.24	15.28	/	Pass
	708.5	Outer_Full	14.20	15.27	/	Pass

3.2 Test Graph

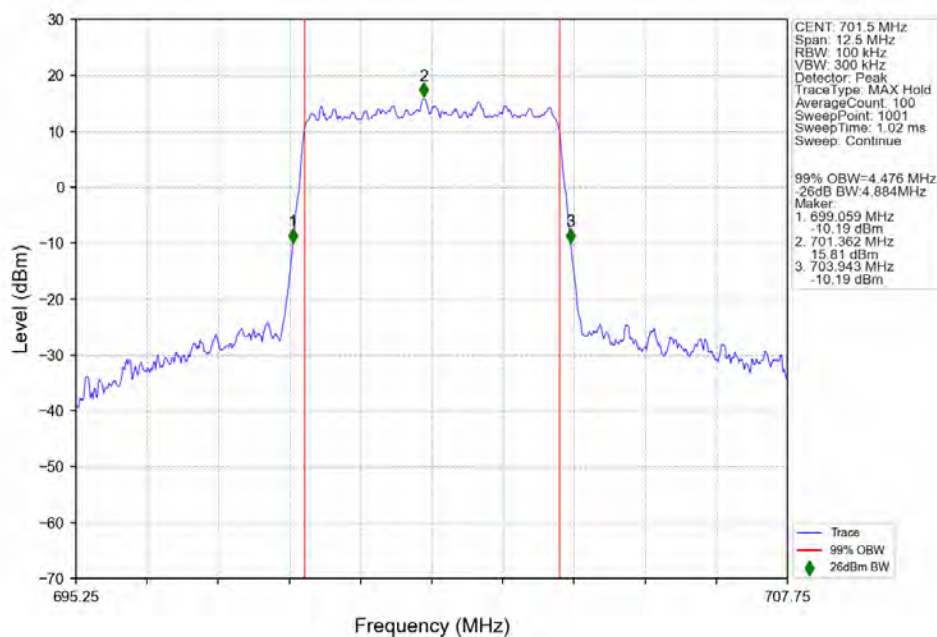
3.2.1 15k_SISO_5MHz_NTNV



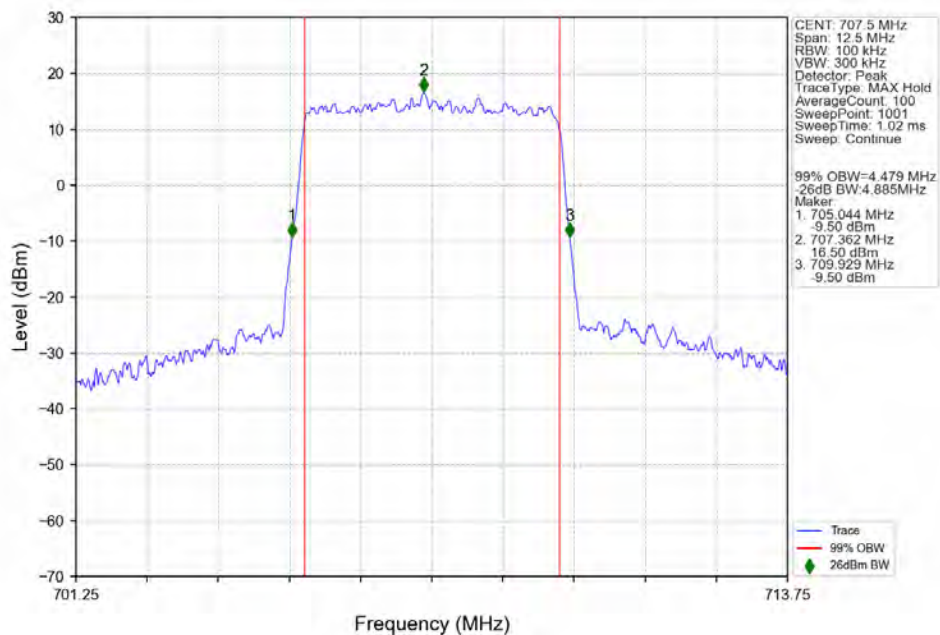
n12 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 713.5MHz Outer Full Ant1



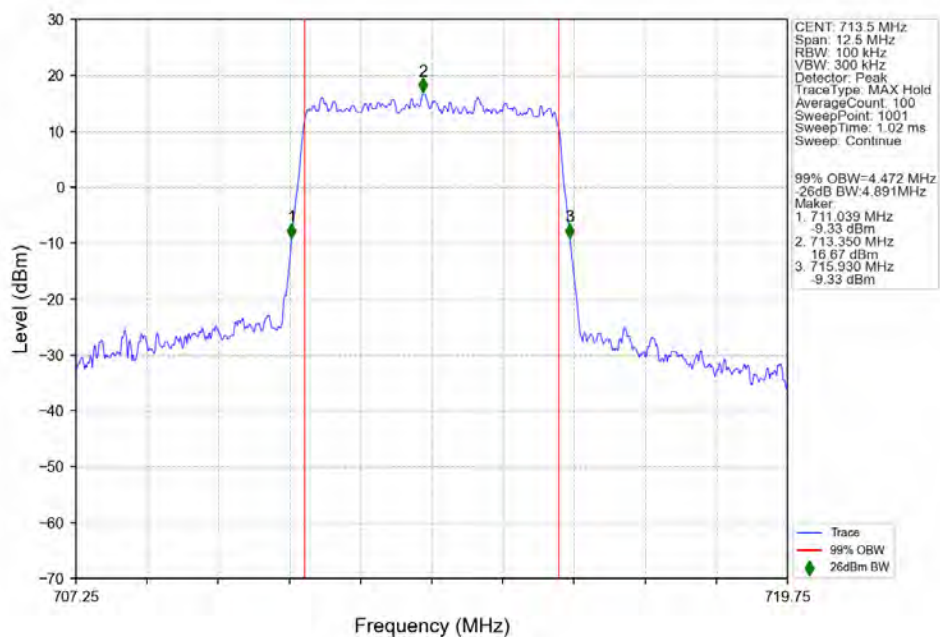
n12 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 701.5MHz Outer Full Ant1



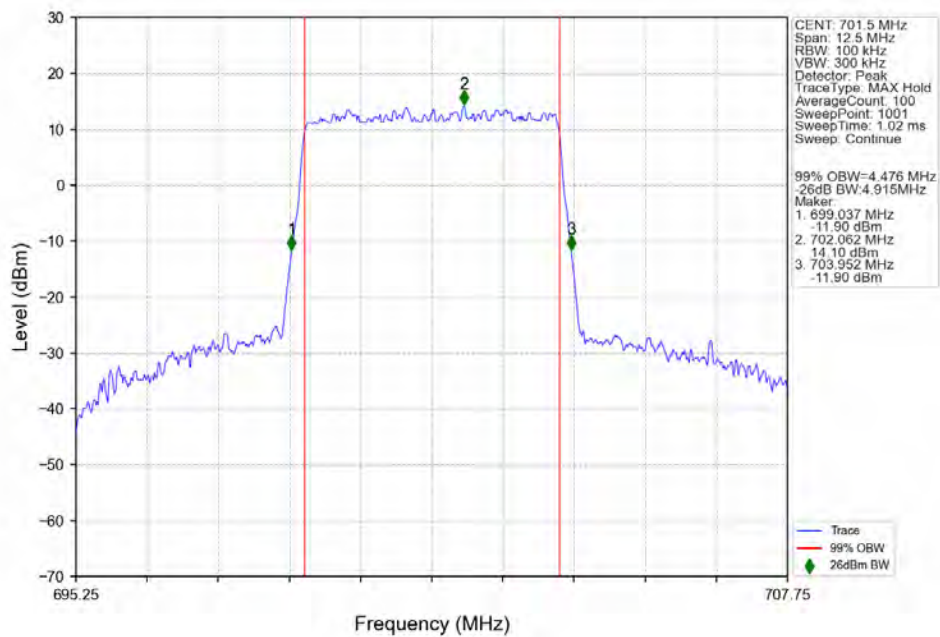
n12 15kHz SISO NTNV 5MHz DFT-s-OFDM QPSK 707.5MHz Outer Full Ant1



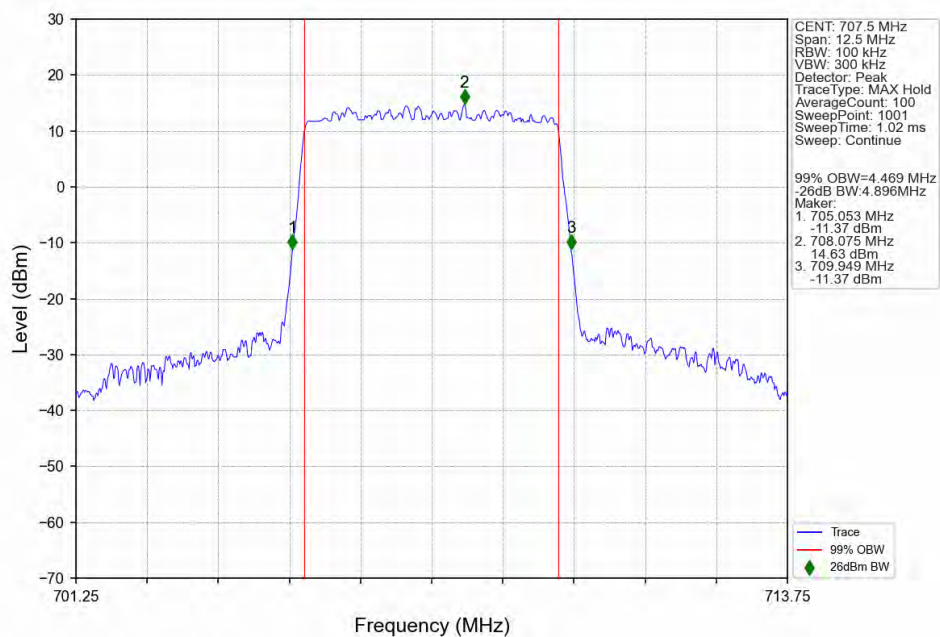
n12 15kHz SISO NTNV 5MHz DFT-s-OFDM QPSK 713.5MHz Outer Full Ant1



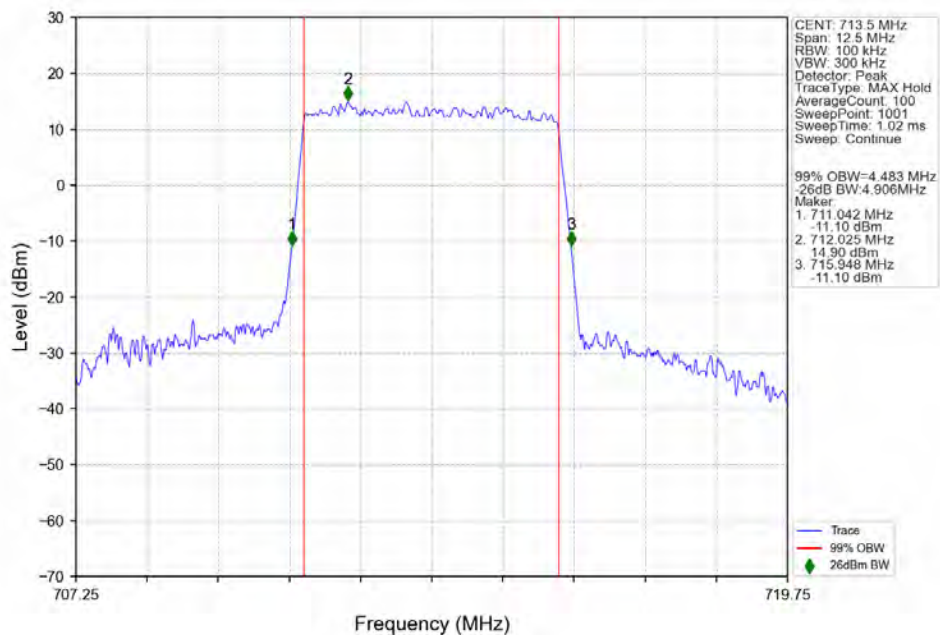
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 701.5MHz Outer Full Ant1



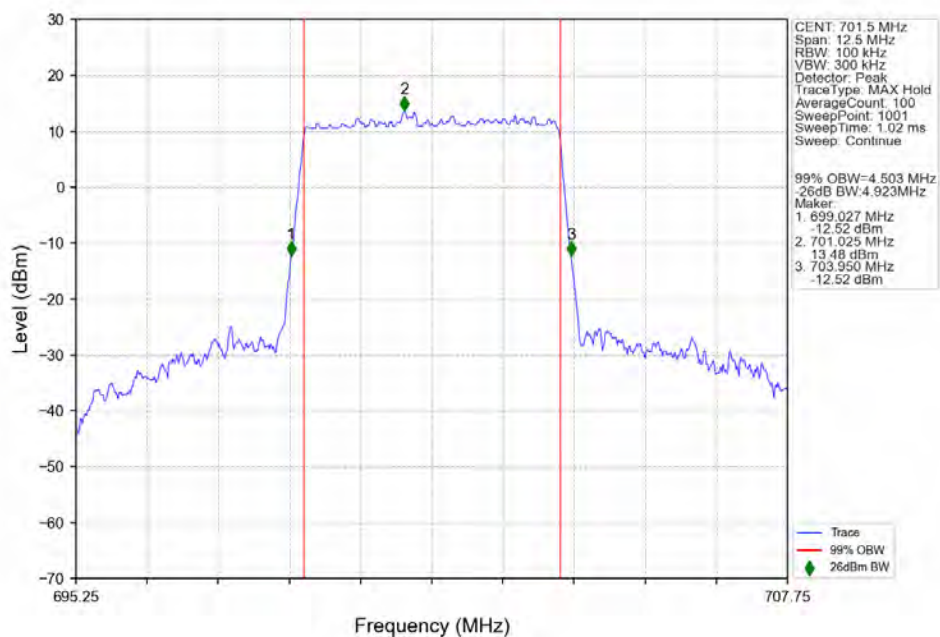
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 707.5MHz Outer Full Ant1



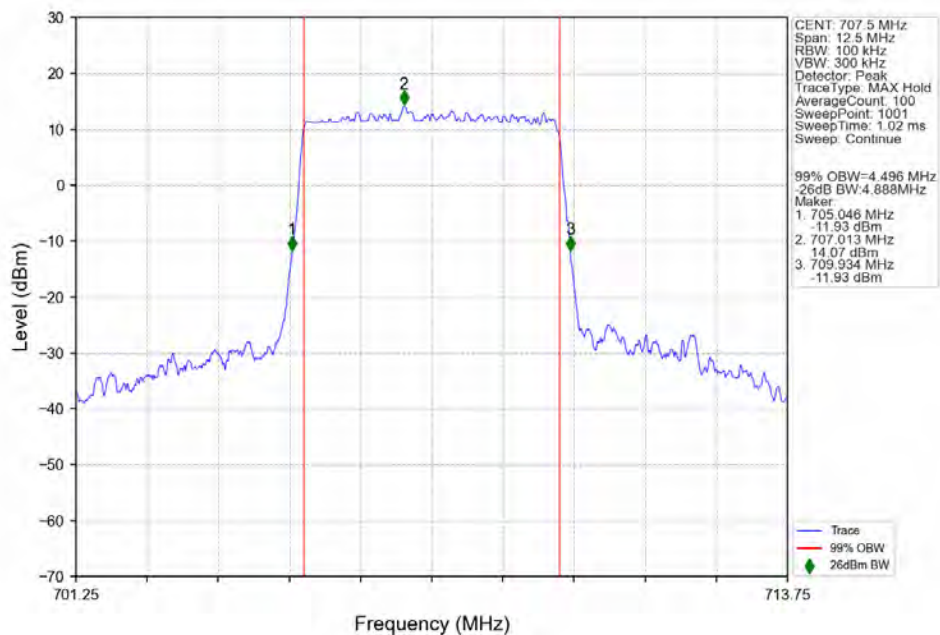
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 713.5MHz Outer Full Ant1



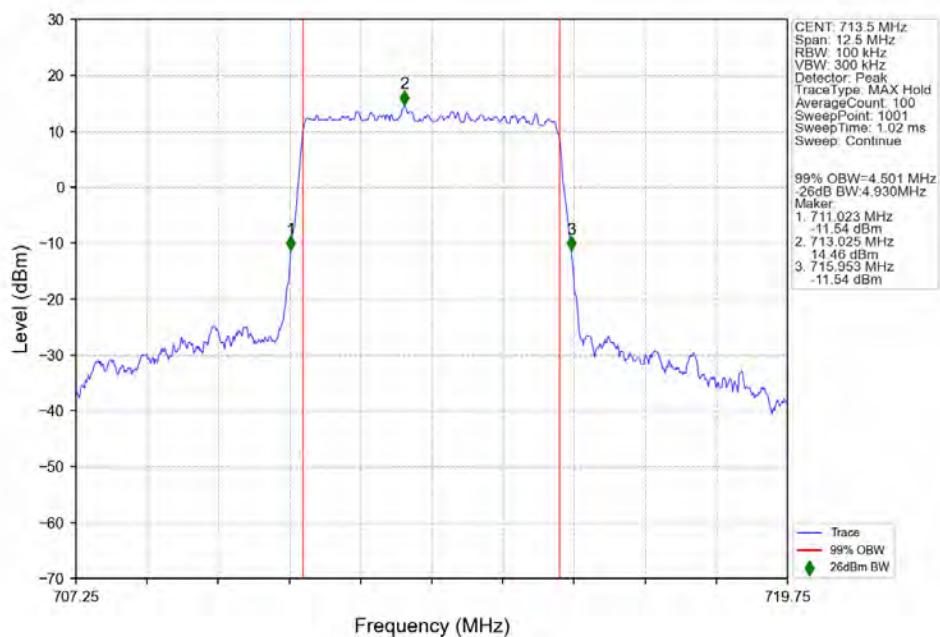
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 701.5MHz Outer Full Ant1



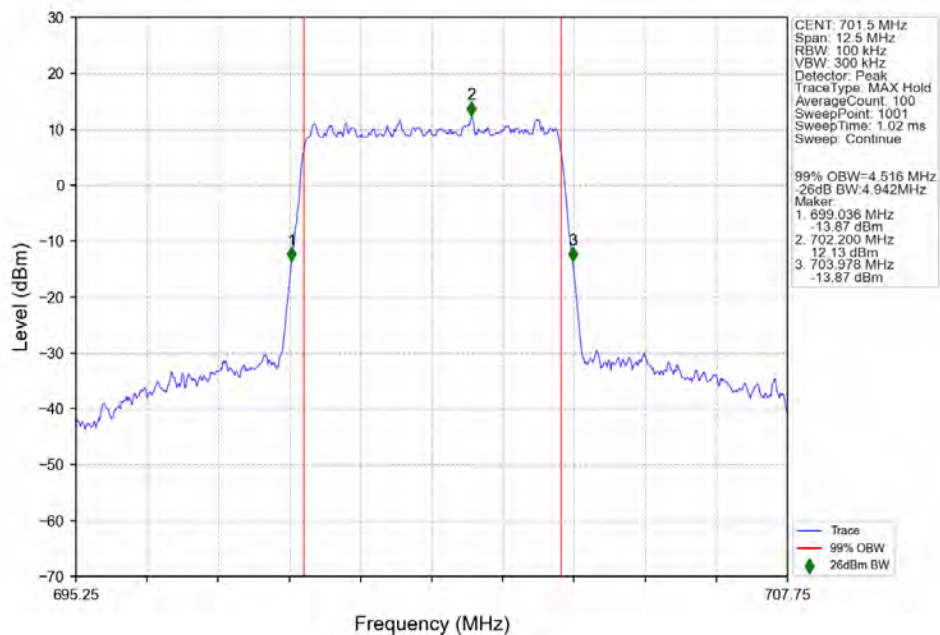
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 707.5MHz Outer Full Ant1



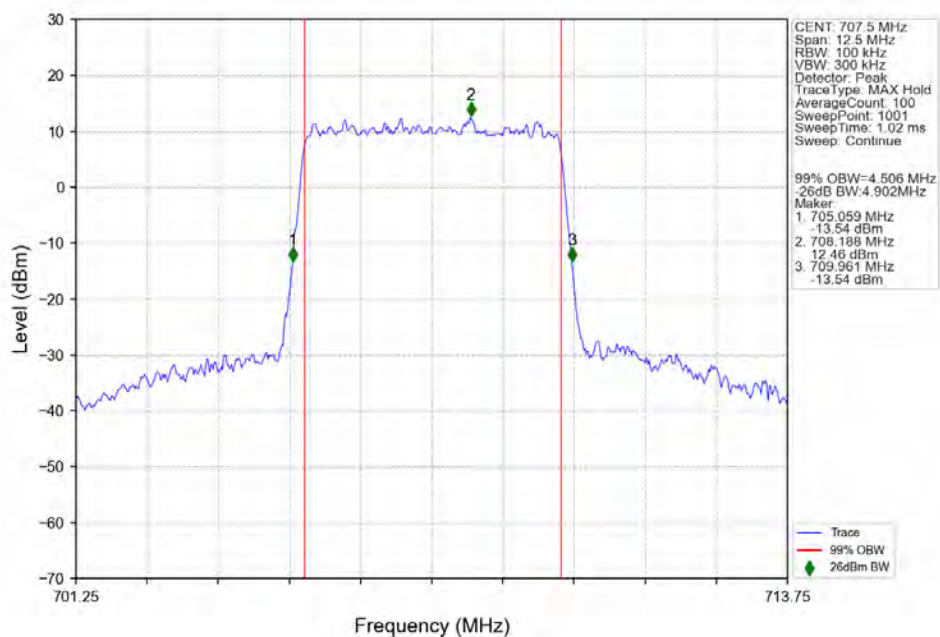
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 713.5MHz Outer Full Ant1



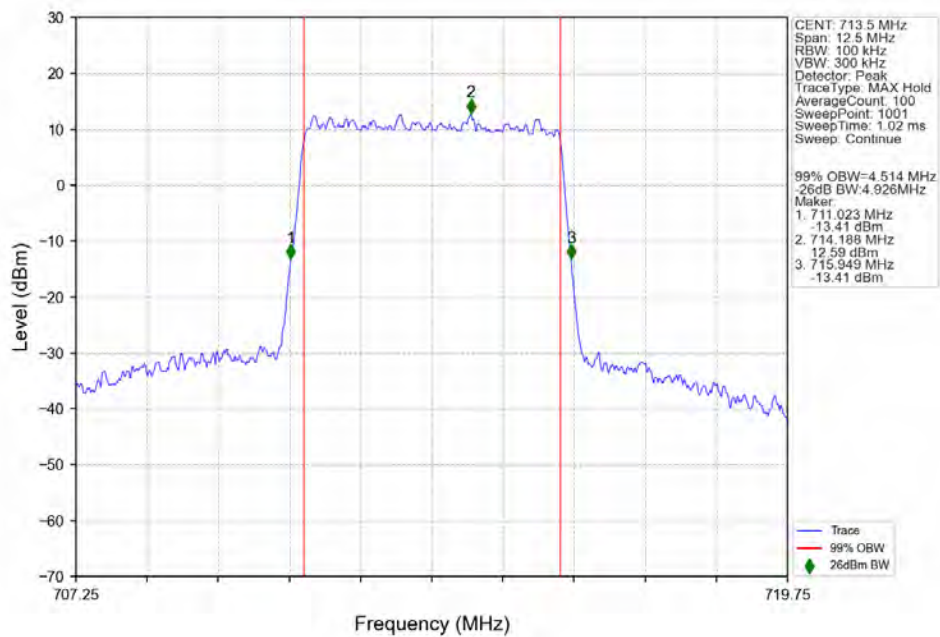
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 701.5MHz Outer Full Ant1



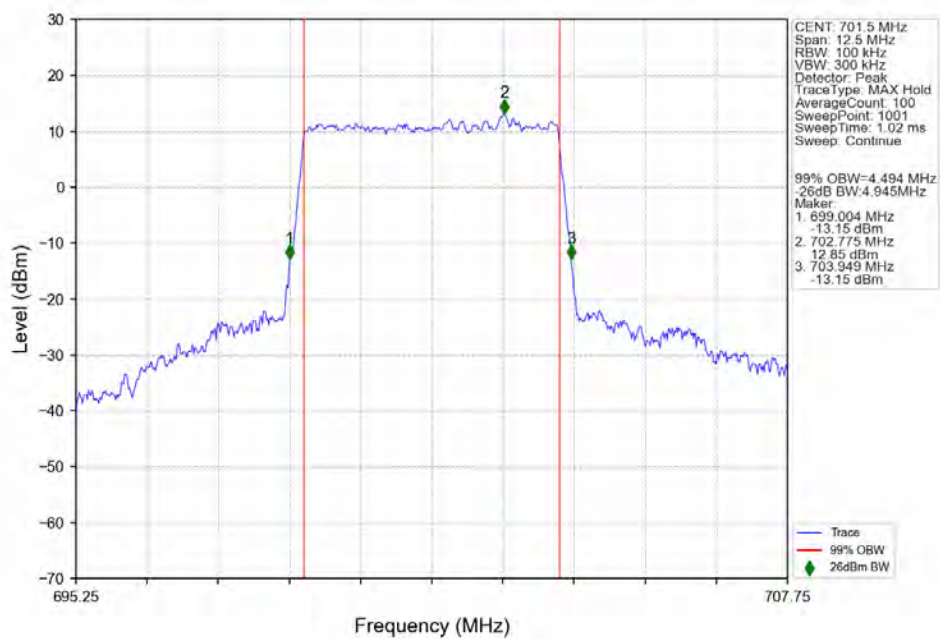
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 707.5MHz Outer Full Ant1



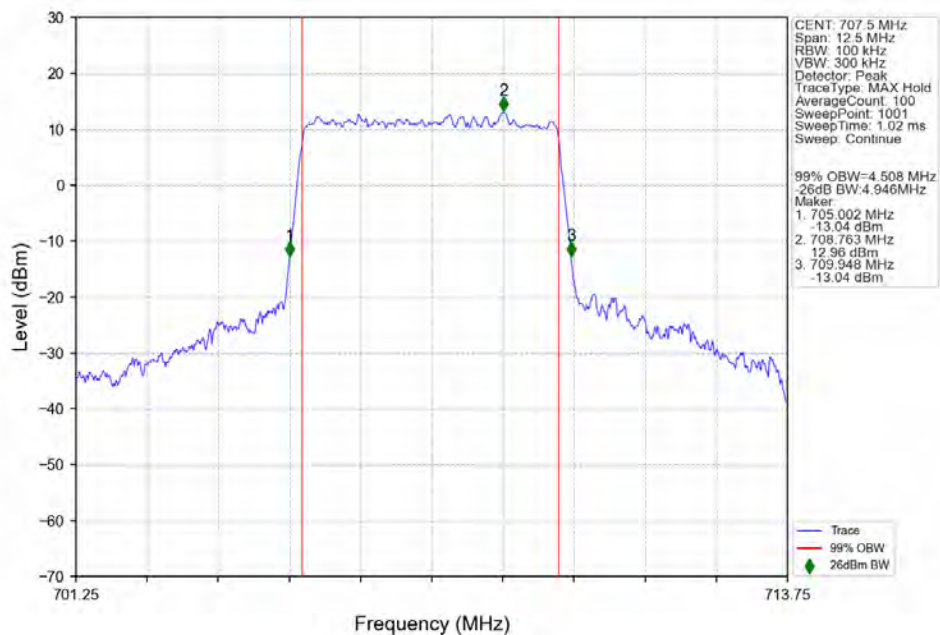
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 713.5MHz Outer Full Ant1



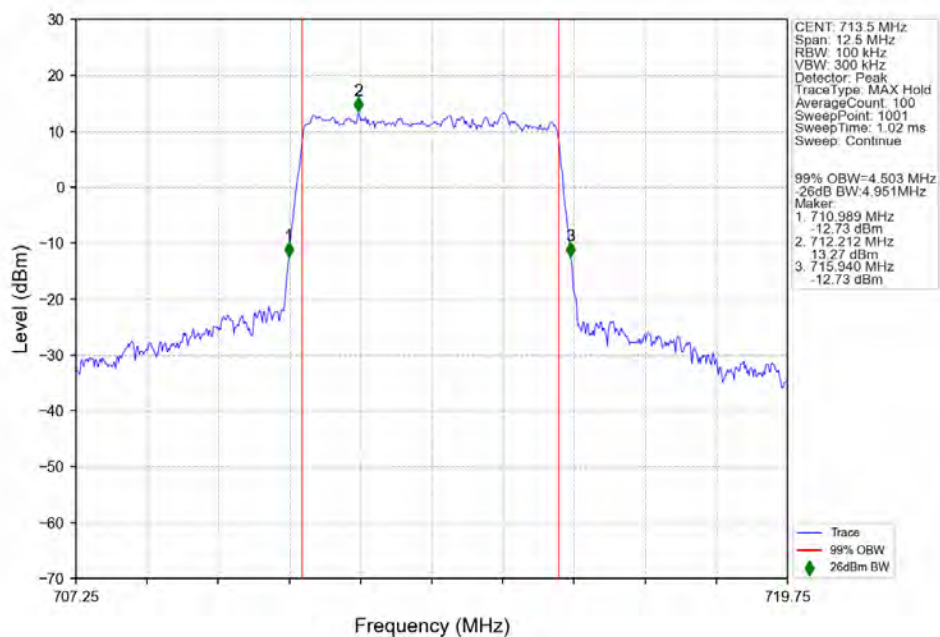
n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 701.5MHz Outer Full Ant1



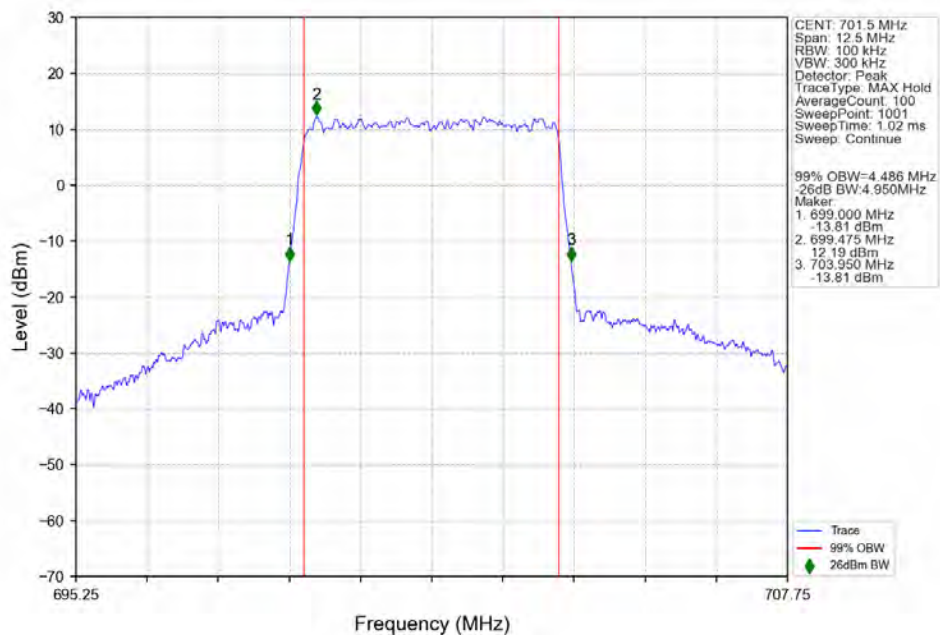
n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 707.5MHz Outer Full Ant1



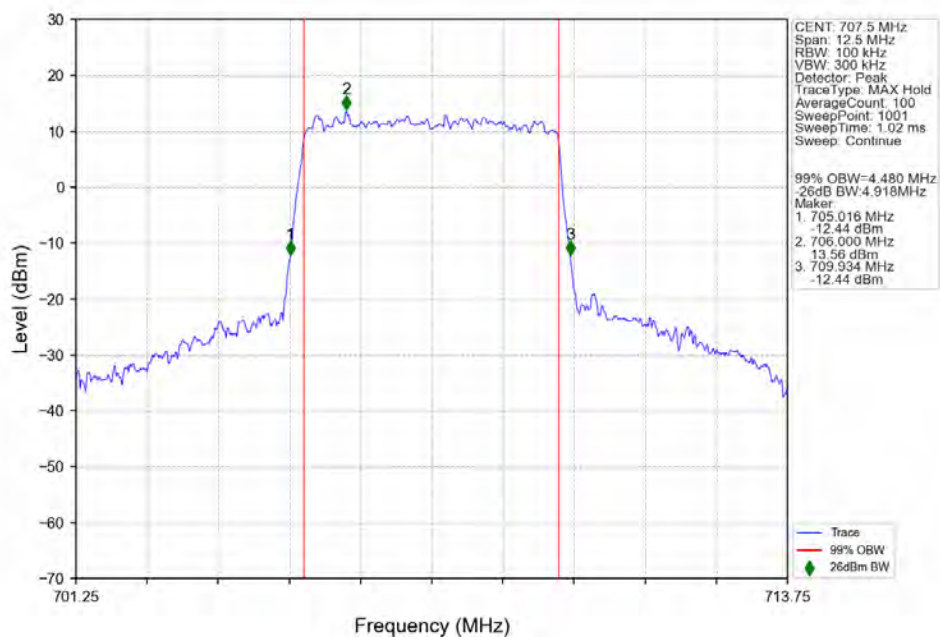
n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 713.5MHz Outer Full Ant1



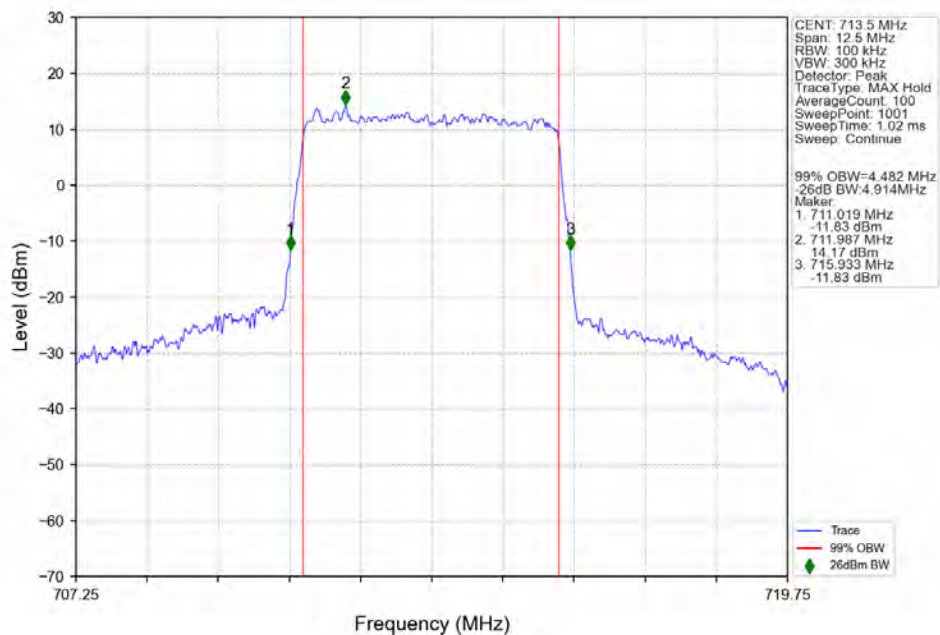
n12 15kHz SISO NTV 5MHz CP-OFDM 16 QAM 701.5MHz Outer Full Ant1



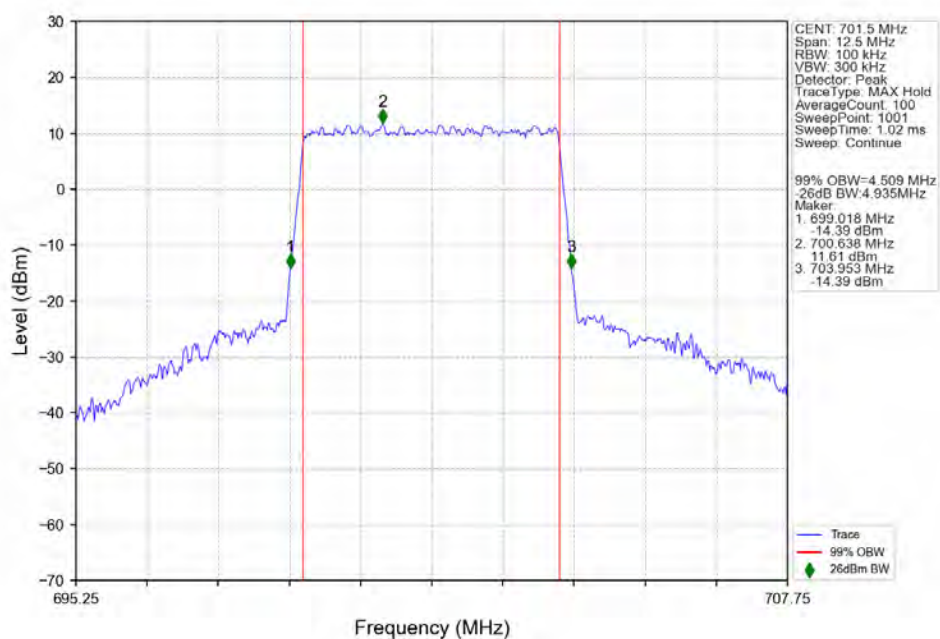
n12 15kHz SISO NTV 5MHz CP-OFDM 16 QAM 707.5MHz Outer Full Ant1



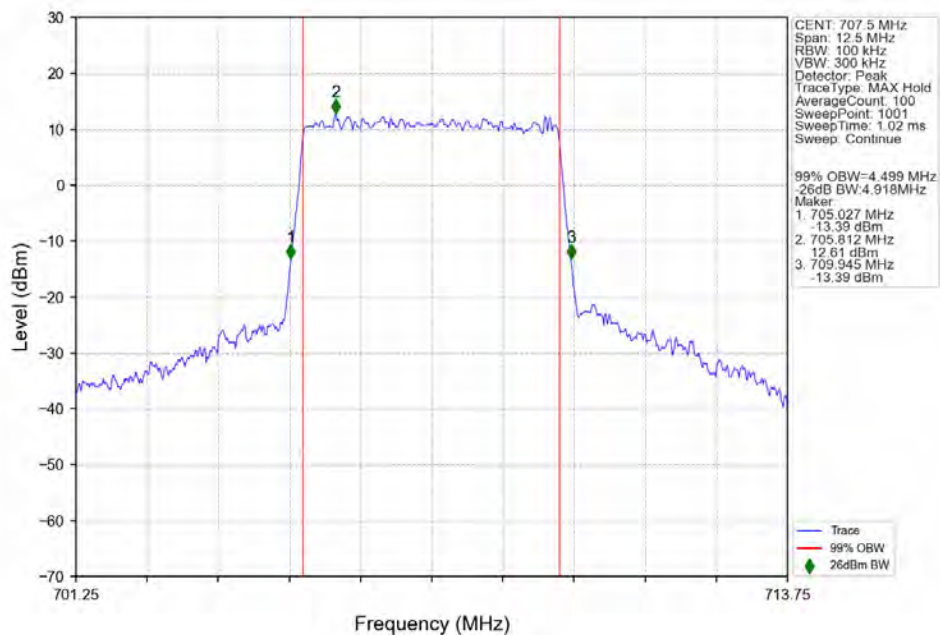
n12 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 713.5MHz Outer Full Ant1



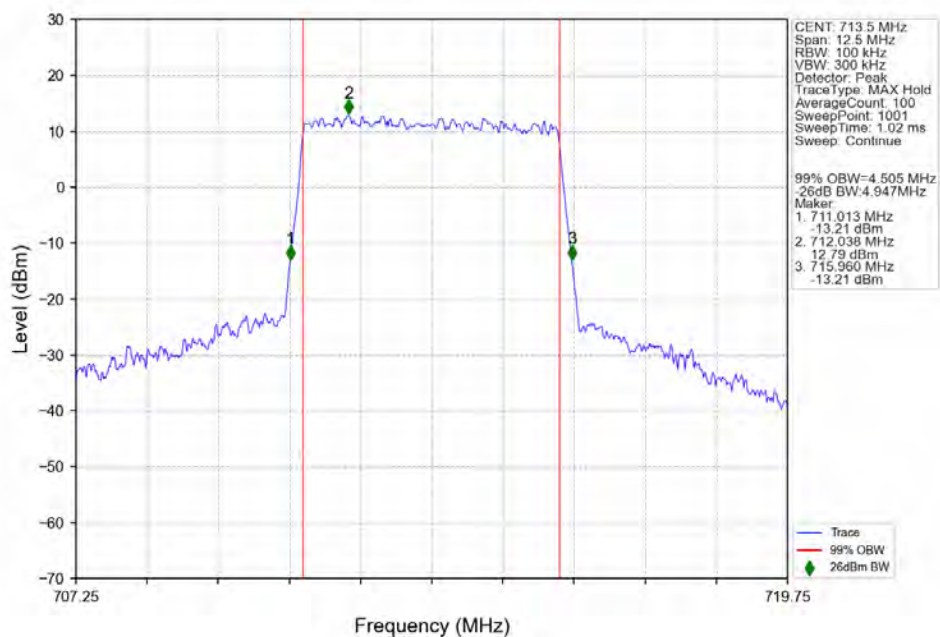
n12 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 701.5MHz Outer Full Ant1



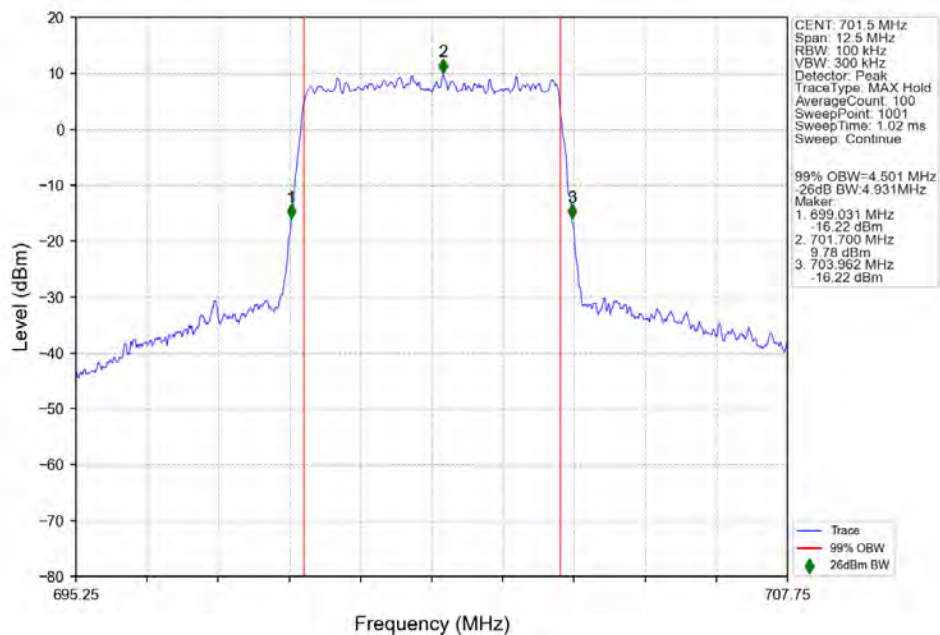
n12 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 707.5MHz Outer Full Ant1



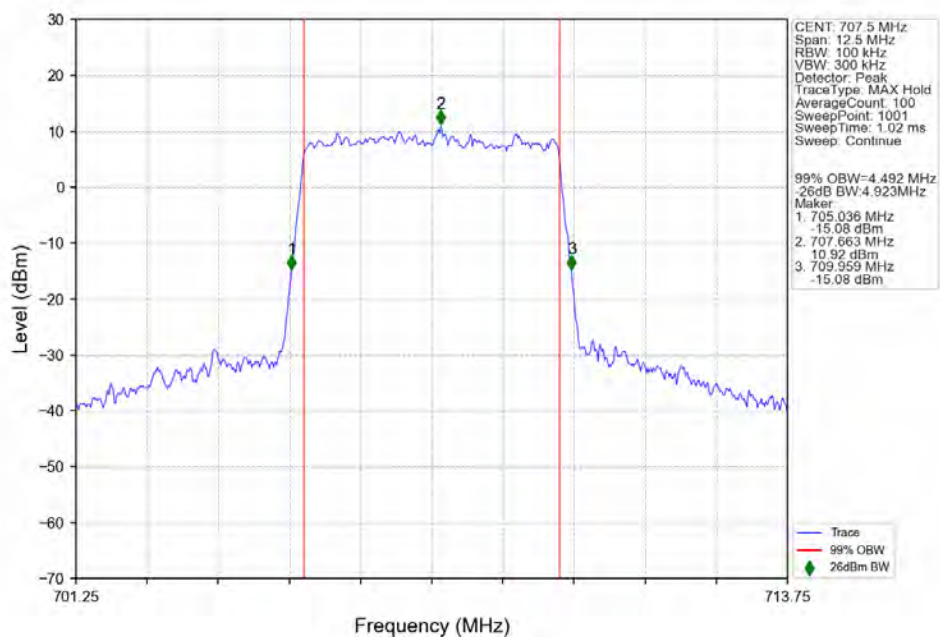
n12 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 713.5MHz Outer Full Ant1



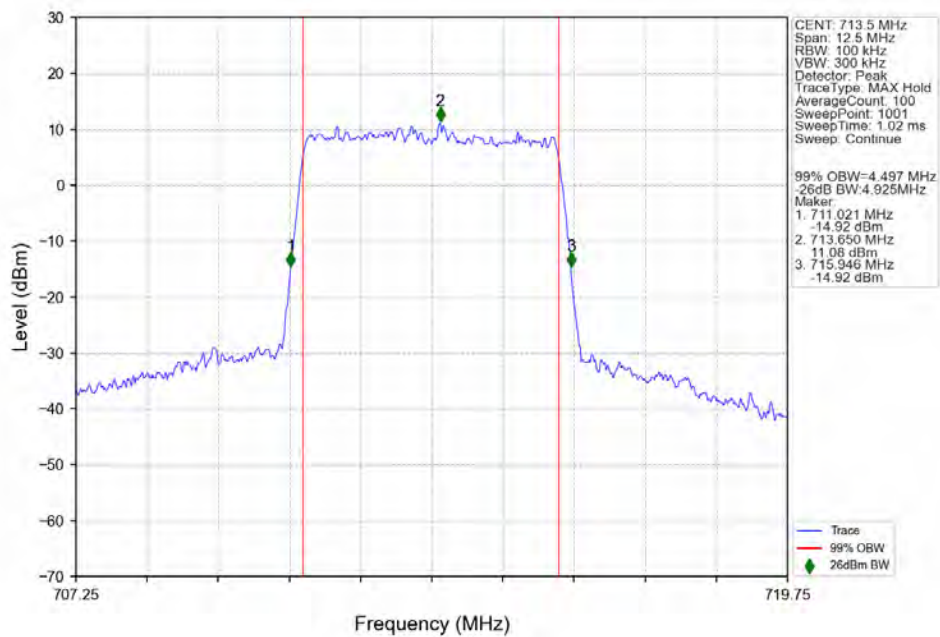
n12 15kHz SISO NTNV 5MHz CP-OFDM 256 QAM 701.5MHz Outer Full Ant1



n12 15kHz SISO NTNV 5MHz CP-OFDM 256 QAM 707.5MHz Outer Full Ant1

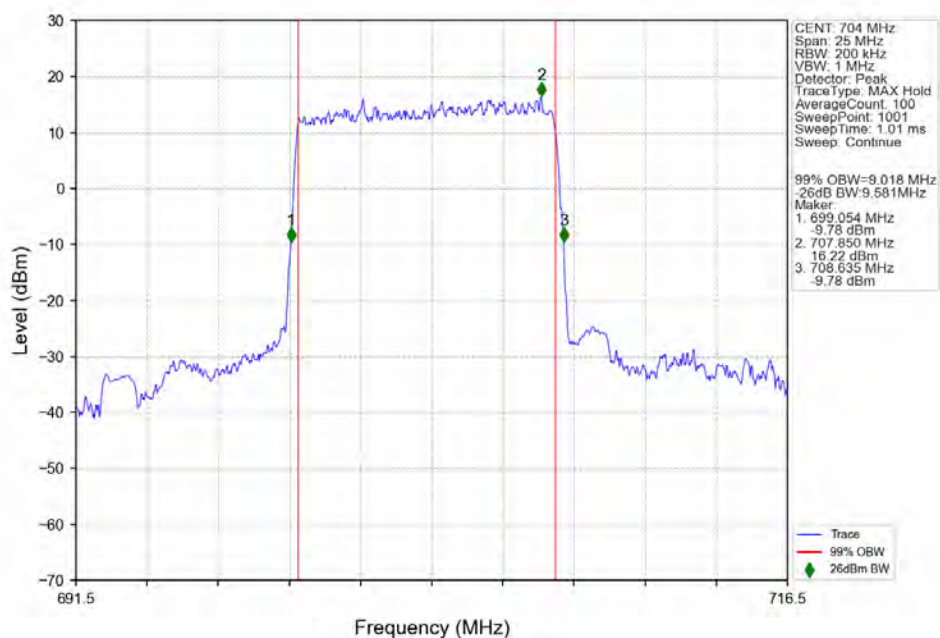


n12 15kHz SISO NTV 5MHz CP-OFDM 256 QAM 713.5MHz Outer Full Ant1

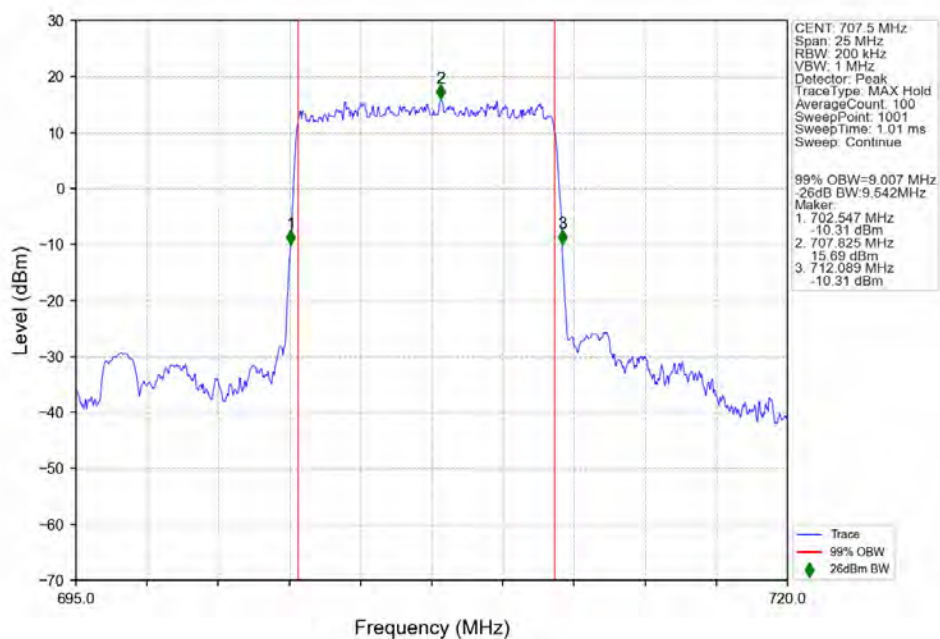


3.2.2 15k_SISO_10MHz_NTNV

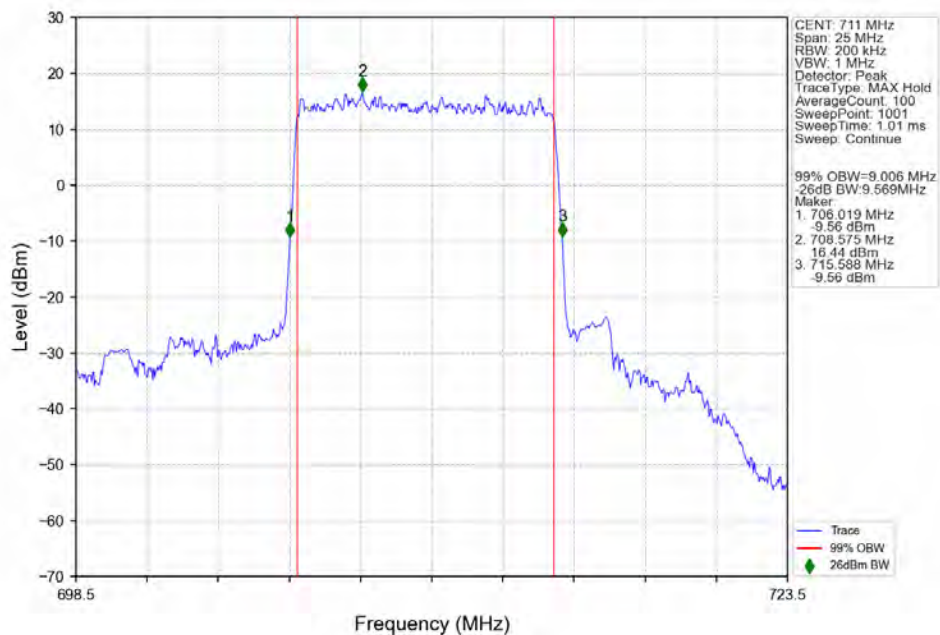
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_704MHz_Outer_Full_Ant1



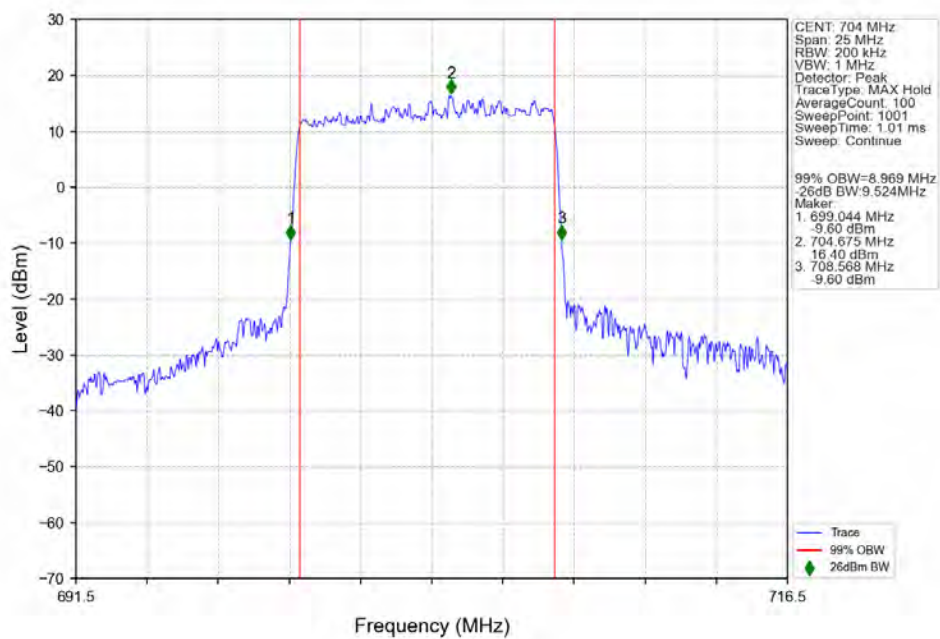
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Outer_Full_Ant1



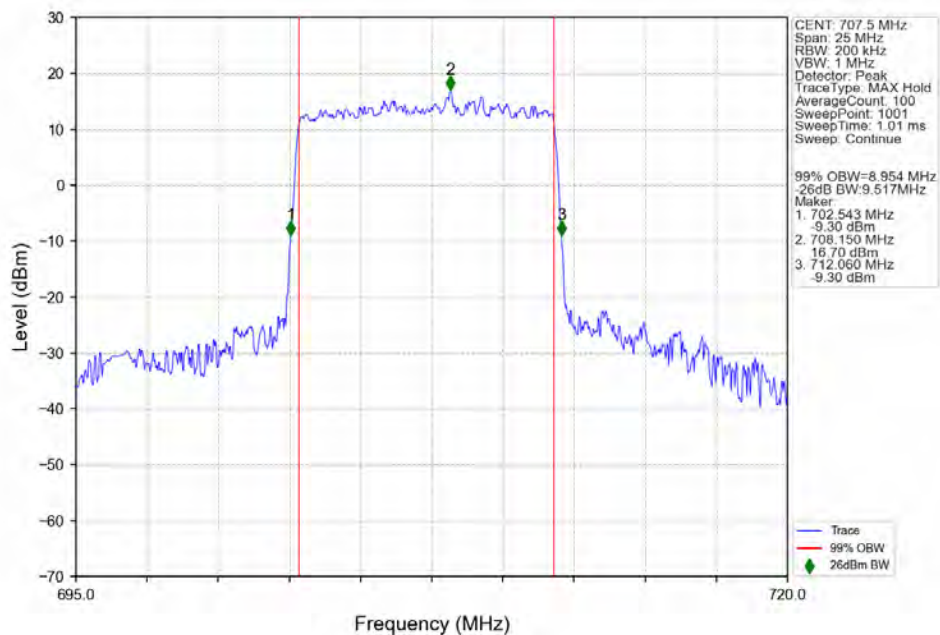
n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 711MHz Outer Full Ant1



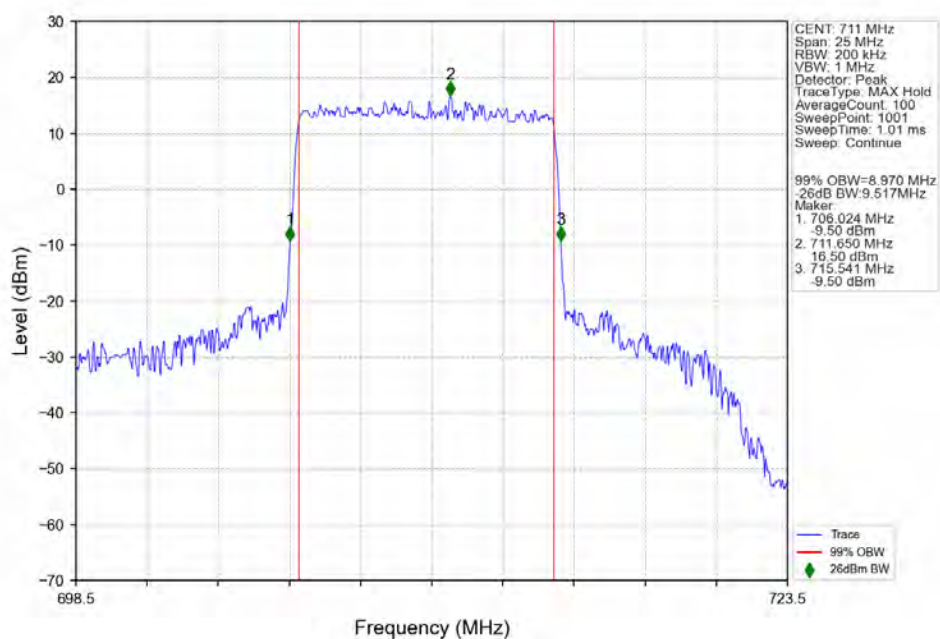
n12 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 704MHz Outer Full Ant1



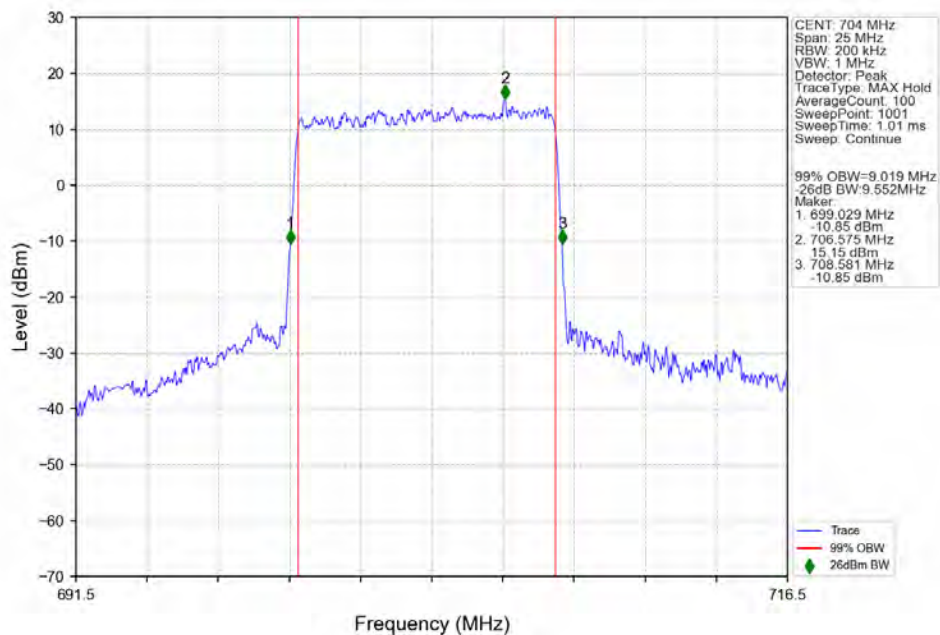
n12 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 707.5MHz Outer Full Ant1



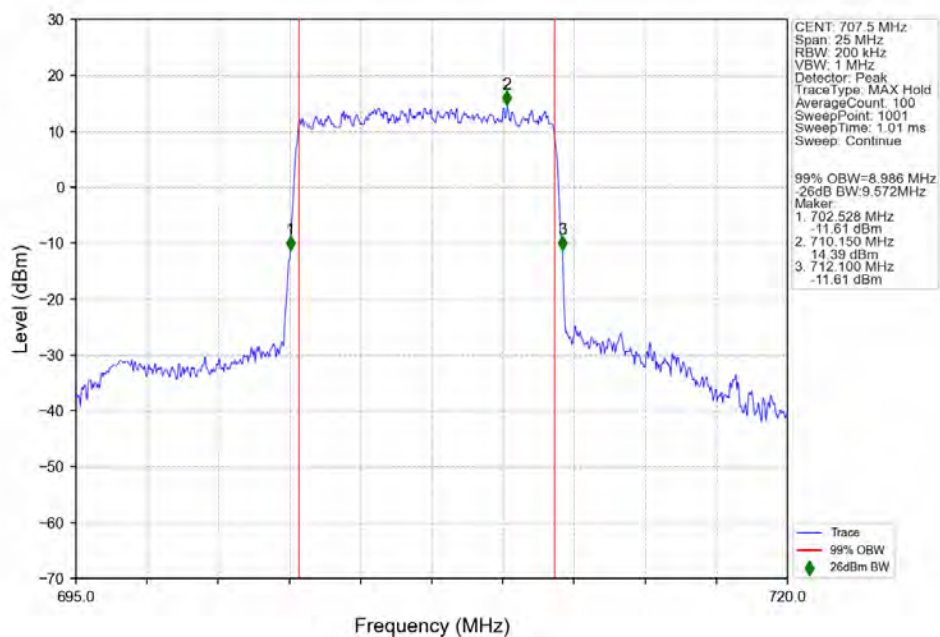
n12 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 711MHz Outer Full Ant1



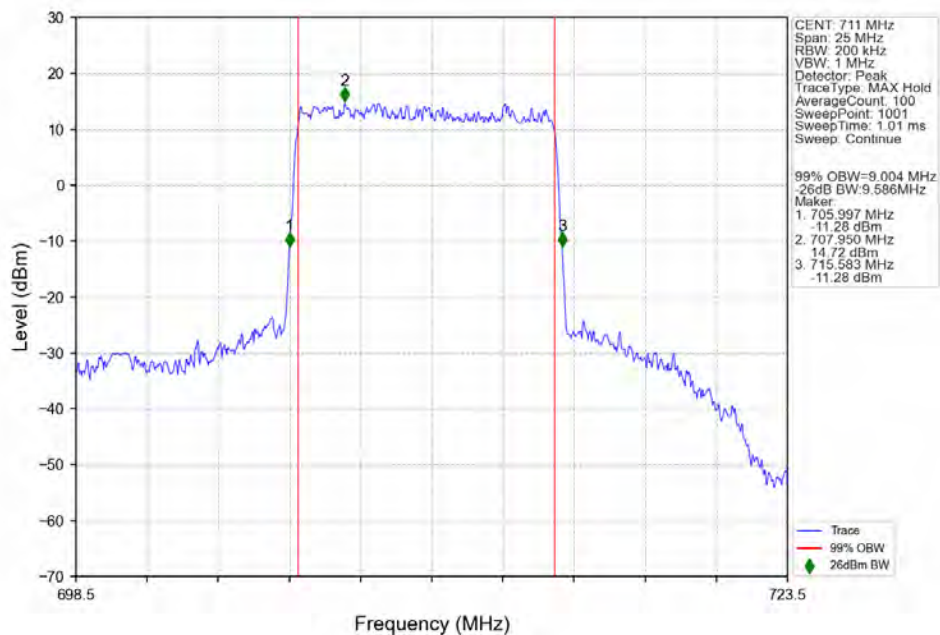
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 704MHz Outer Full Ant1



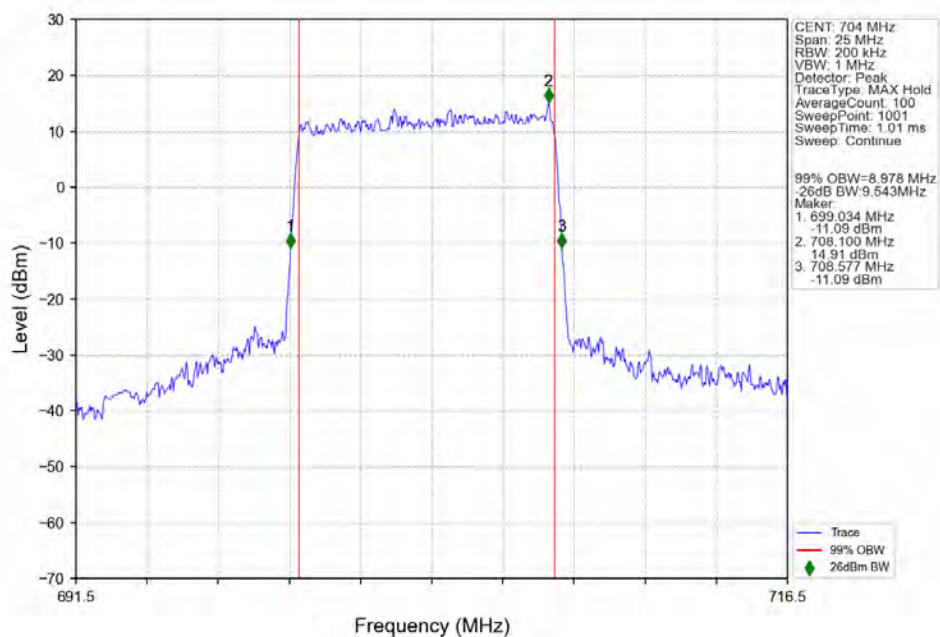
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 707.5MHz Outer Full Ant1



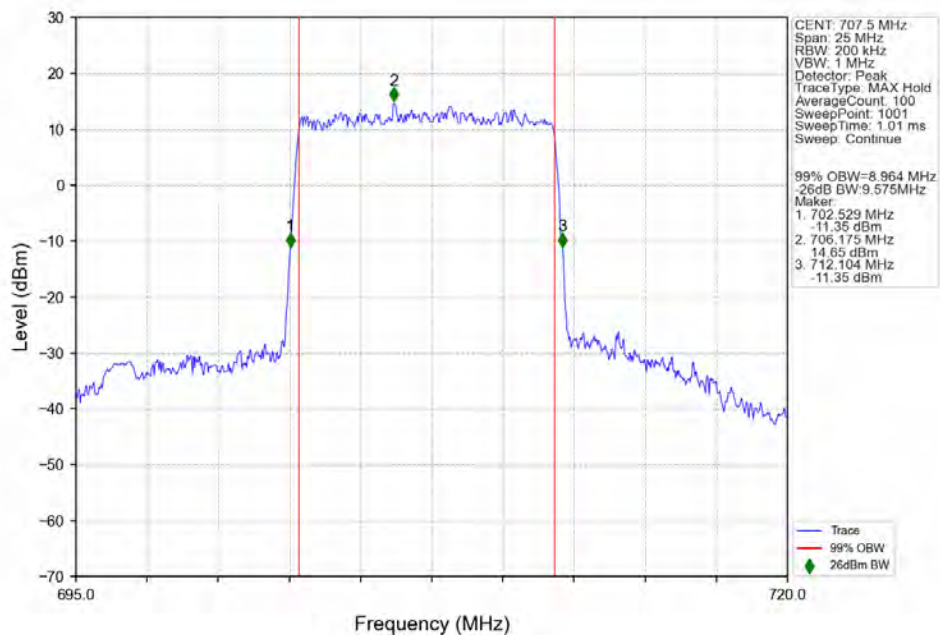
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 711MHz Outer Full Ant1



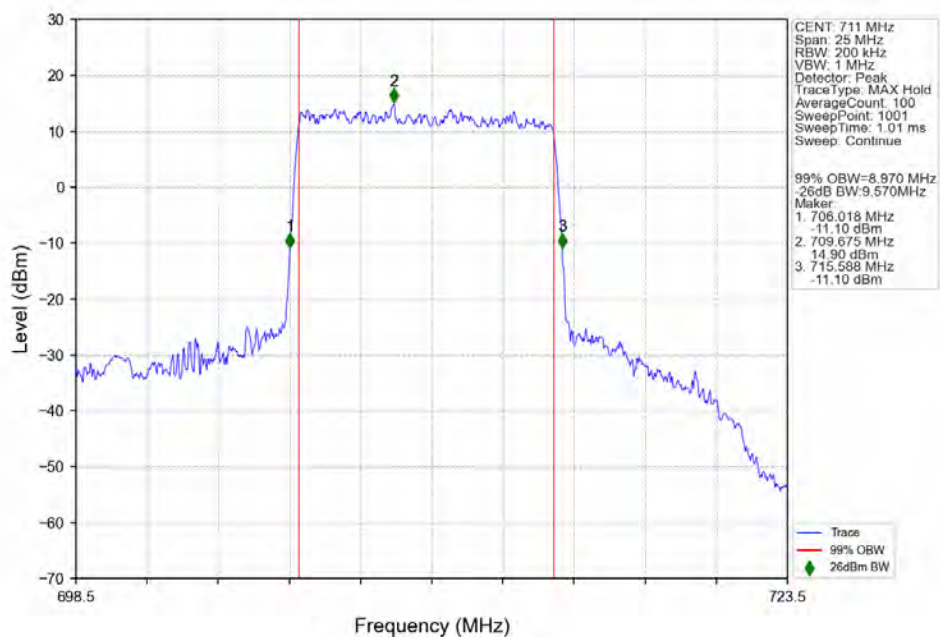
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 704MHz Outer Full Ant1



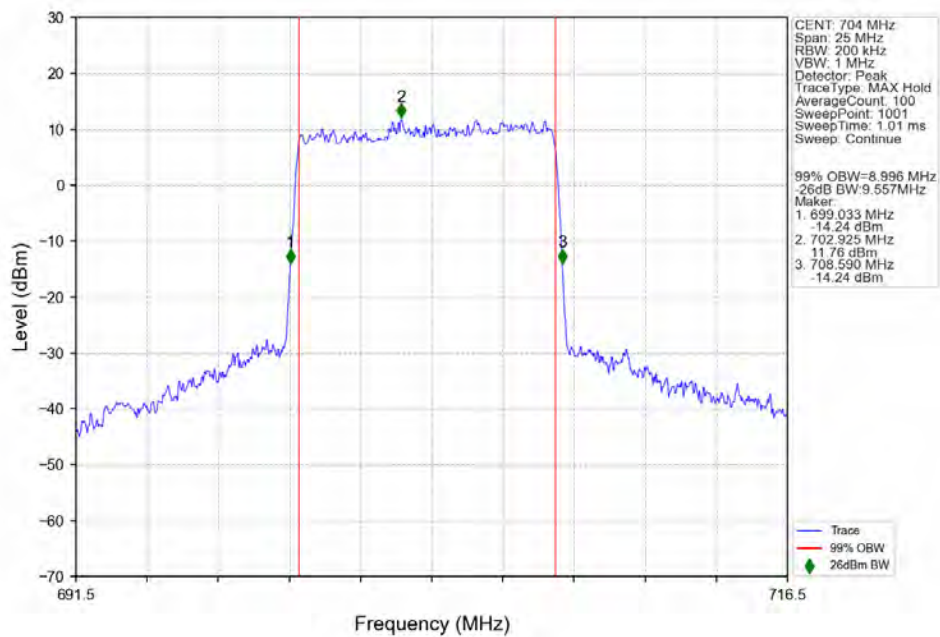
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 707.5MHz Outer Full Ant1



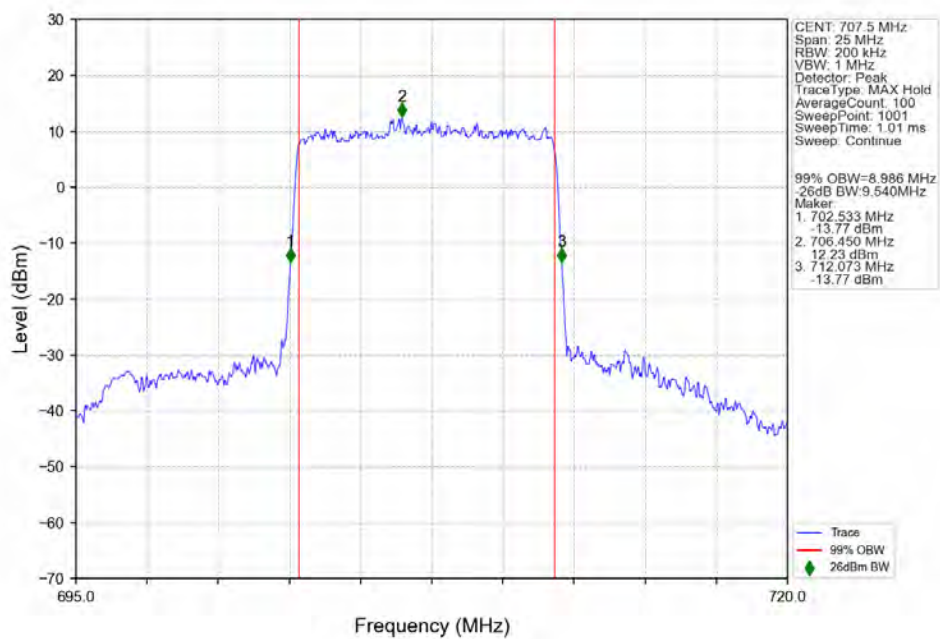
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 711MHz Outer Full Ant1



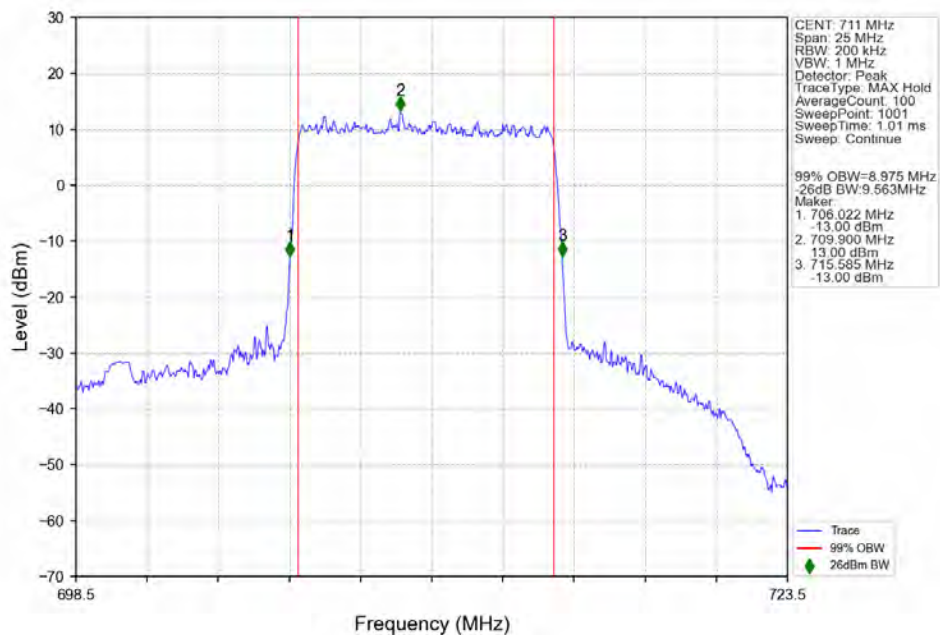
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 704MHz Outer Full Ant1



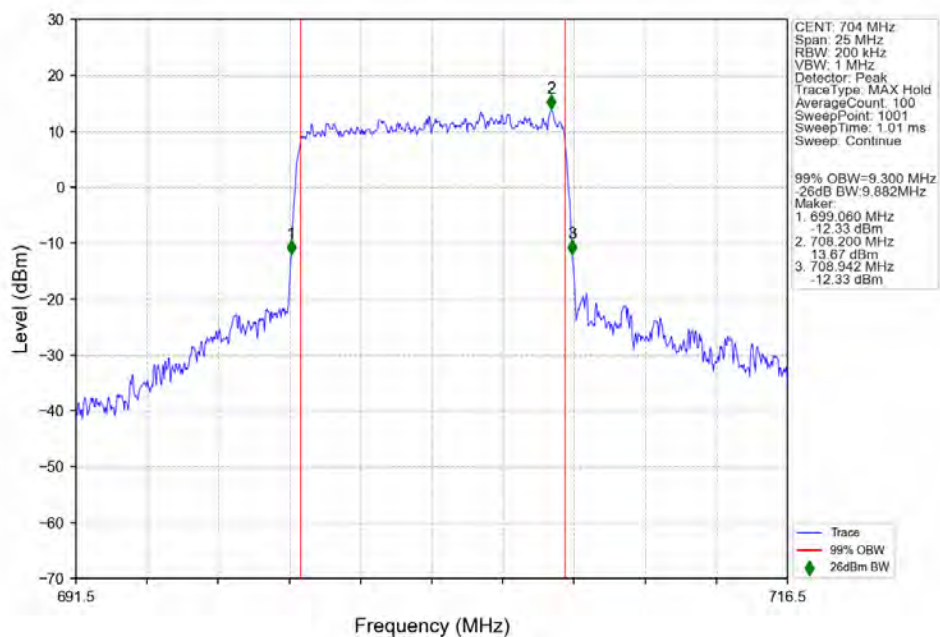
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 707.5MHz Outer Full Ant1



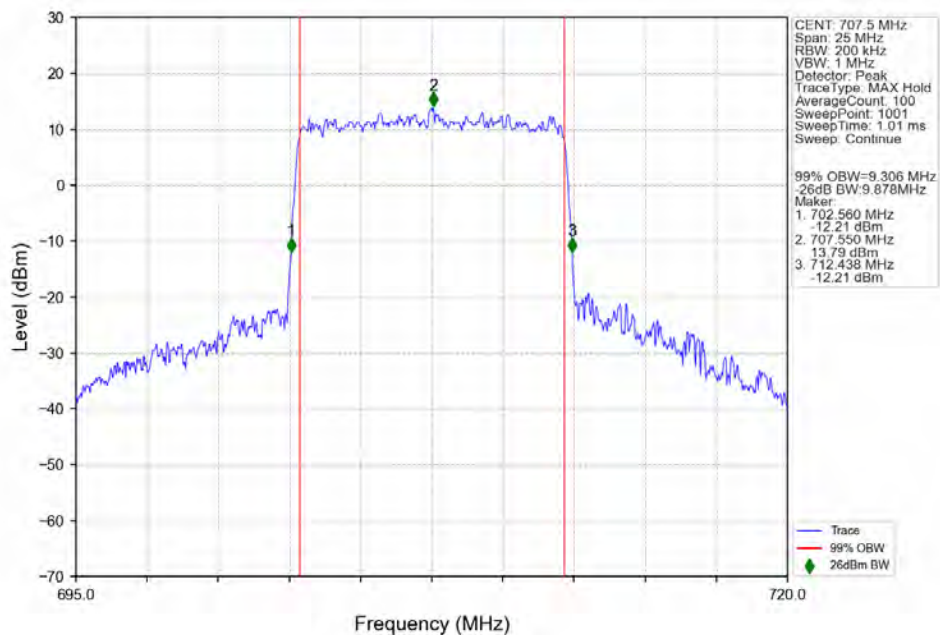
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 711MHz Outer Full Ant1



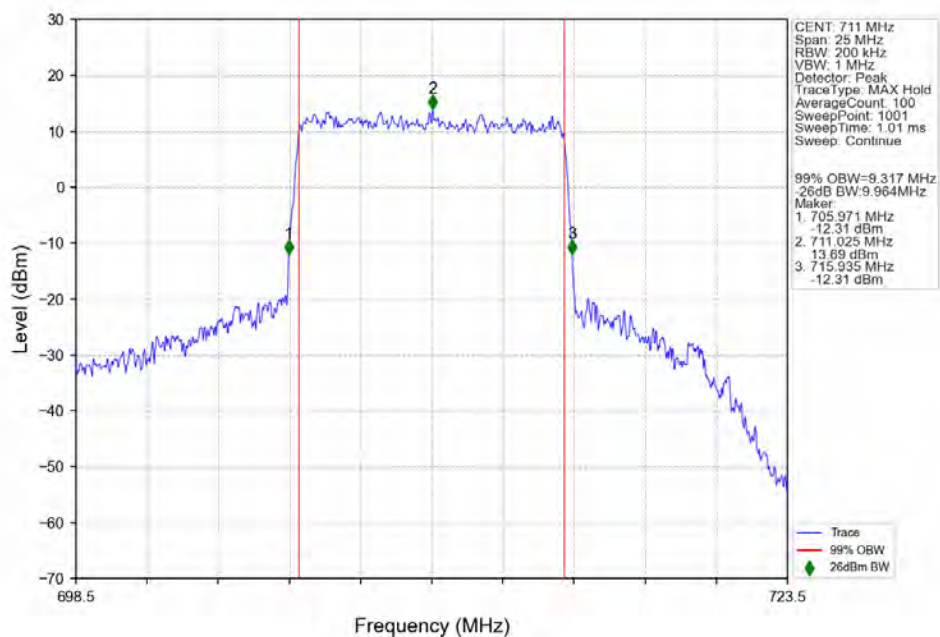
n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 704MHz Outer Full Ant1



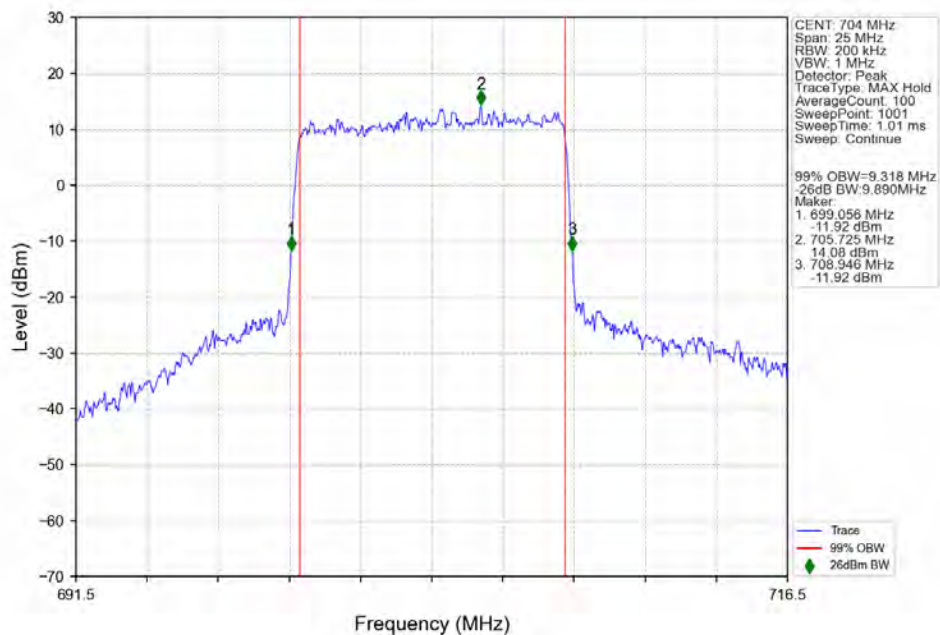
n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 707.5MHz Outer Full Ant1



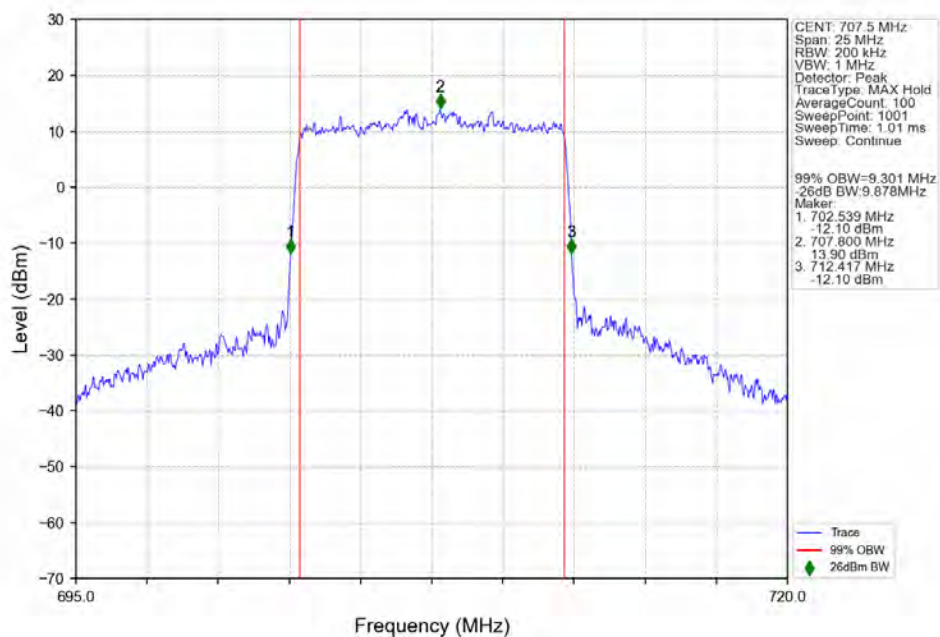
n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 711MHz Outer Full Ant1



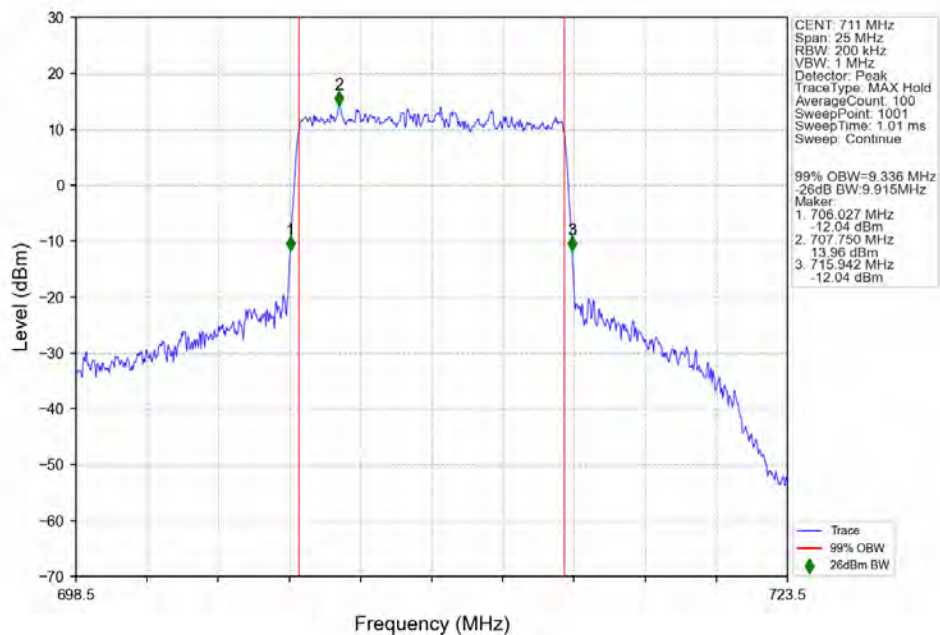
n12 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 704MHz Outer Full Ant1



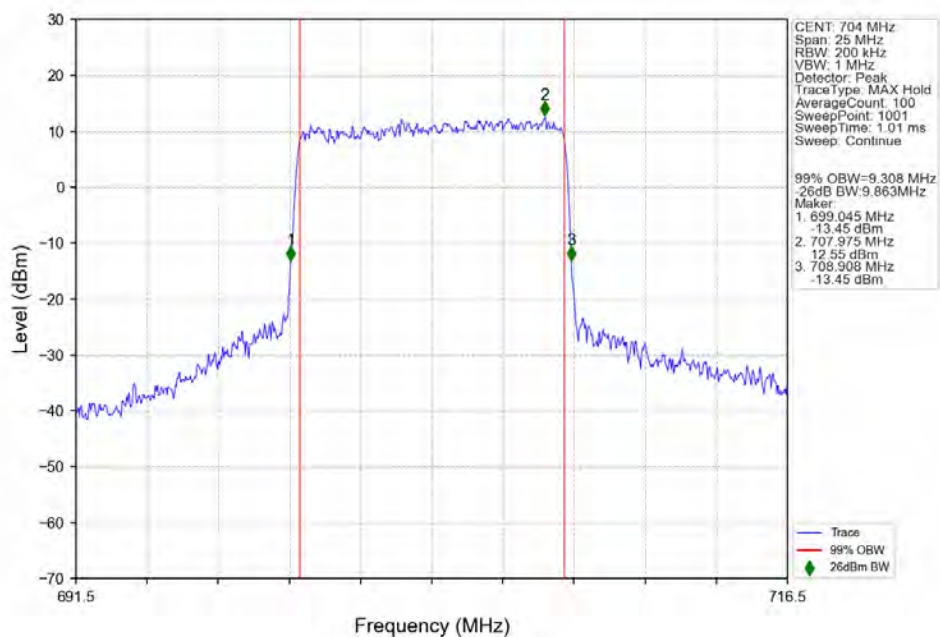
n12 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 707.5MHz Outer Full Ant1



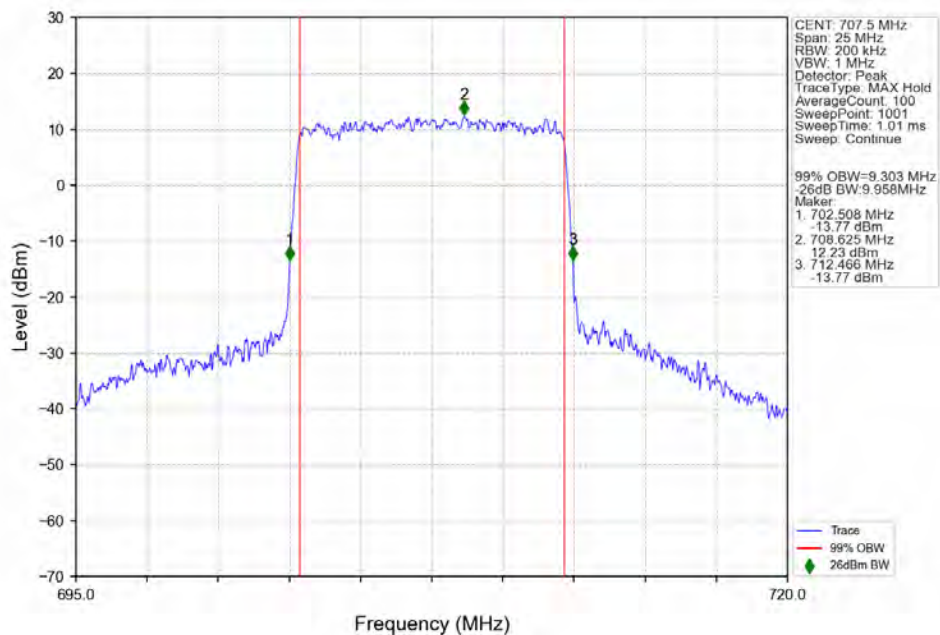
n12 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 711MHz Outer Full Ant1



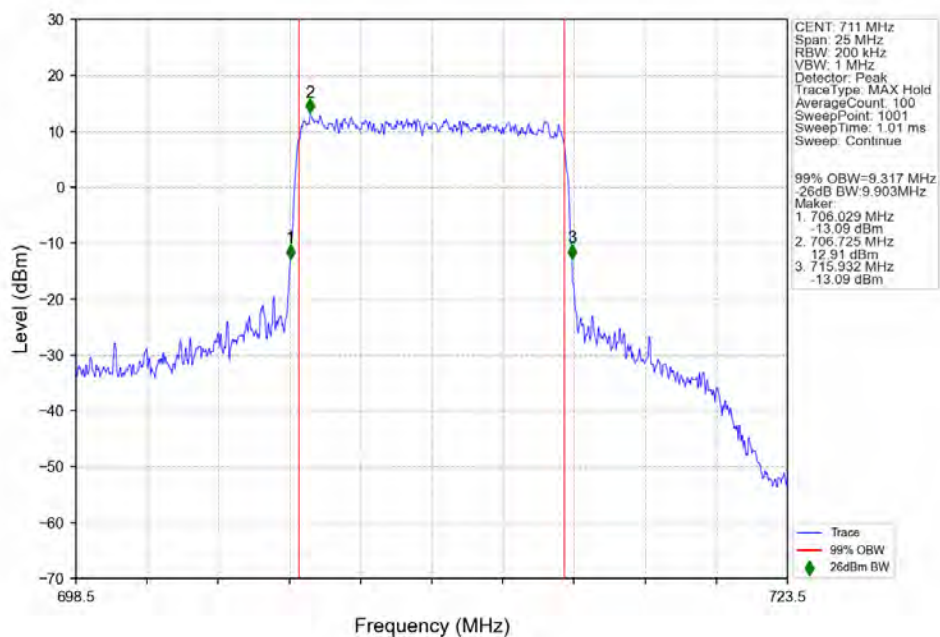
n12 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 704MHz Outer Full Ant1



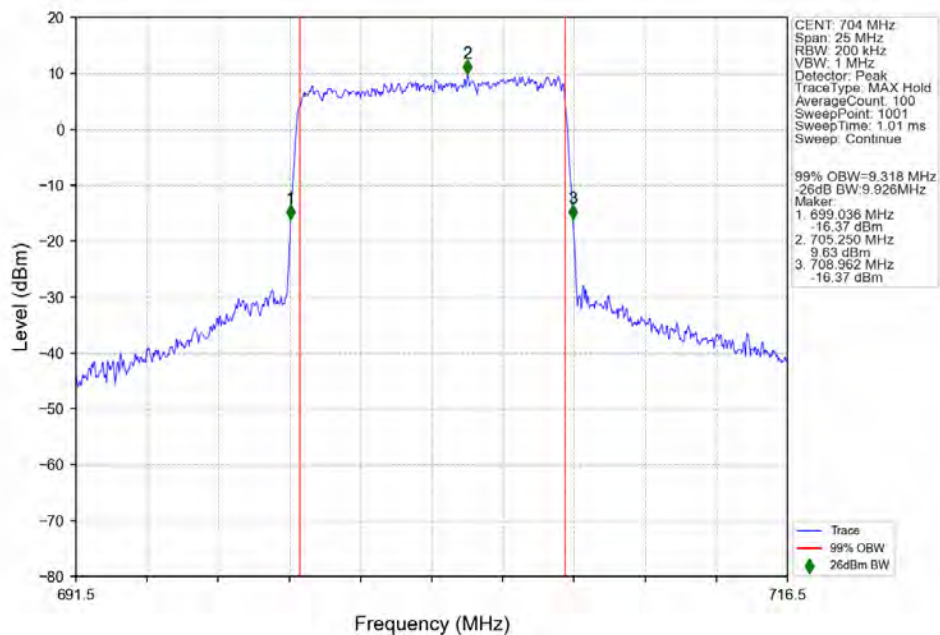
n12 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 707.5MHz Outer Full Ant1



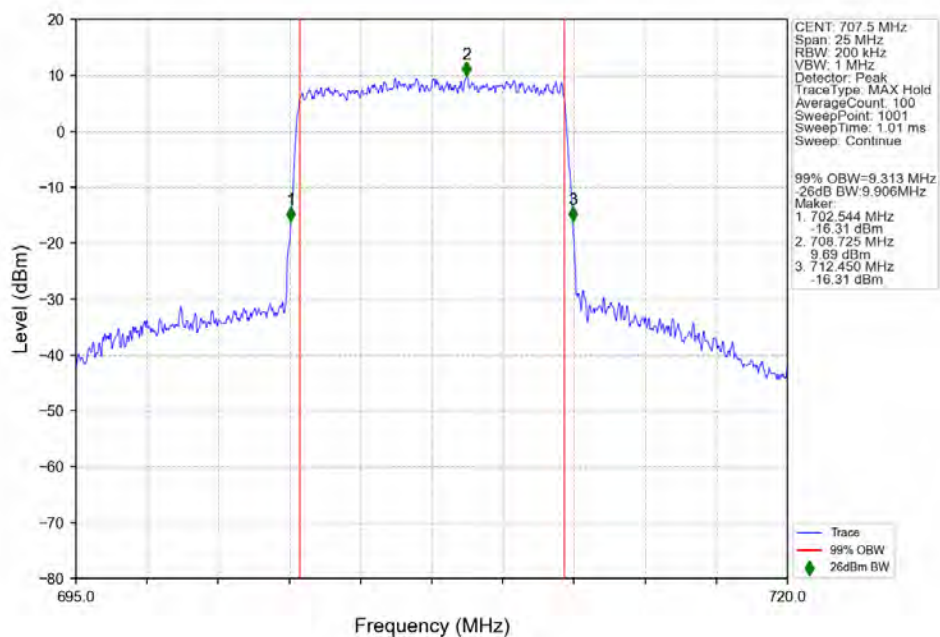
n12 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 711MHz Outer Full Ant1



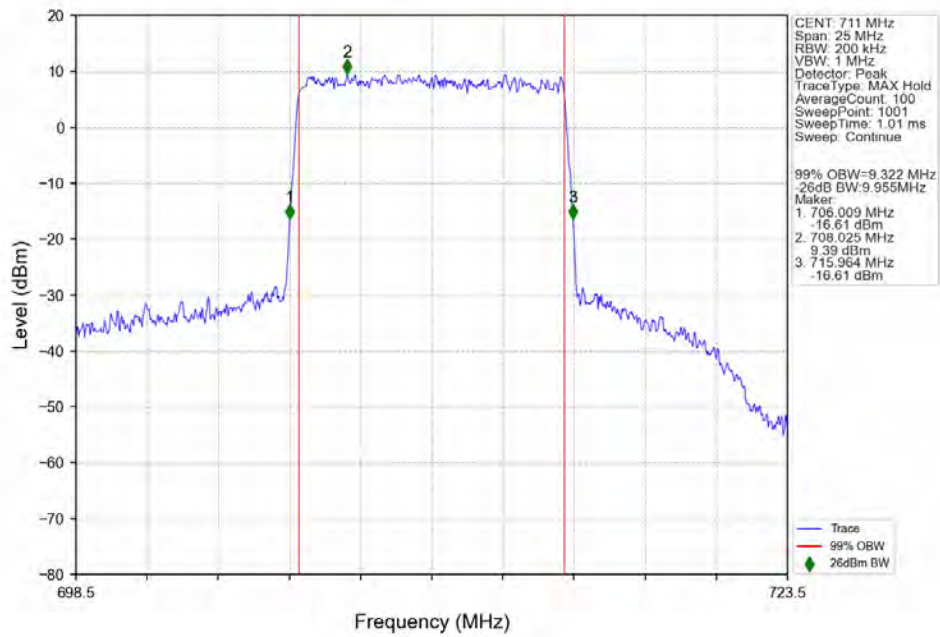
n12 15kHz SISO NTNV 10MHz CP-OFDM 256 QAM 704MHz Outer Full Ant1



n12 15kHz SISO NTNV 10MHz CP-OFDM 256 QAM 707.5MHz Outer Full Ant1

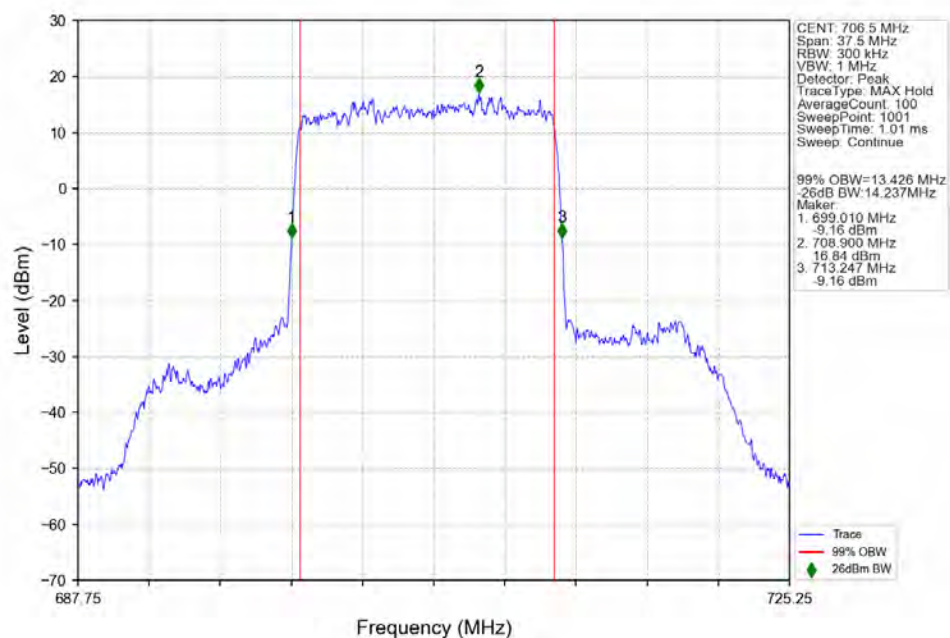


n12 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 711MHz Outer Full Ant1

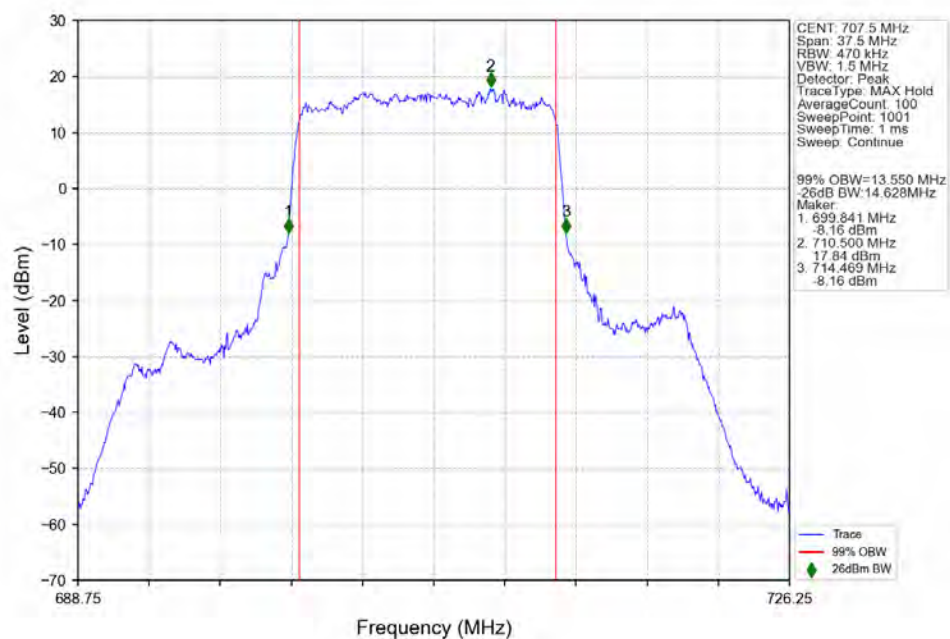


3.2.3 15k_SISO_15MHz_NTNV

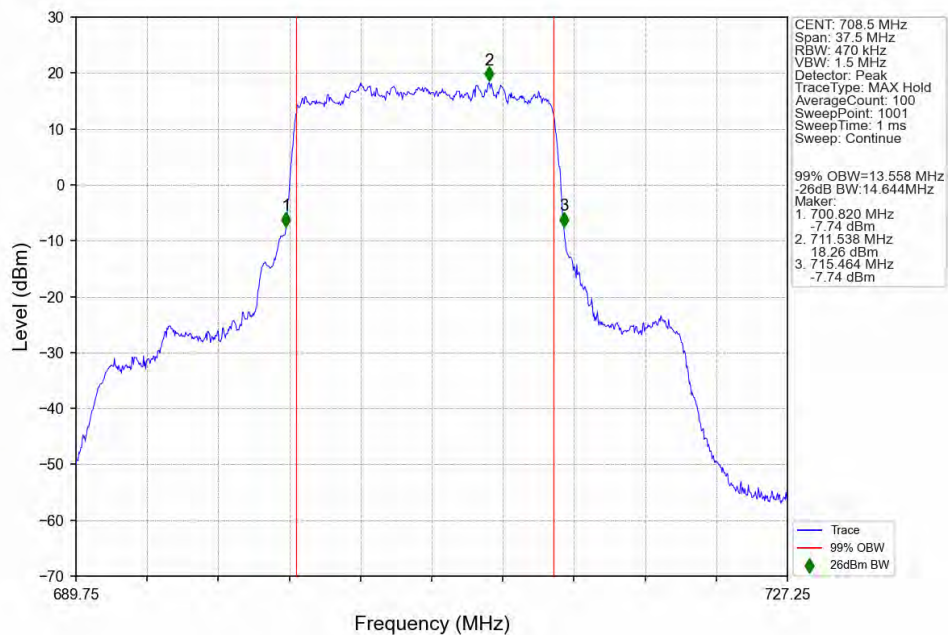
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_706.5MHz_Outer_Full_Ant1



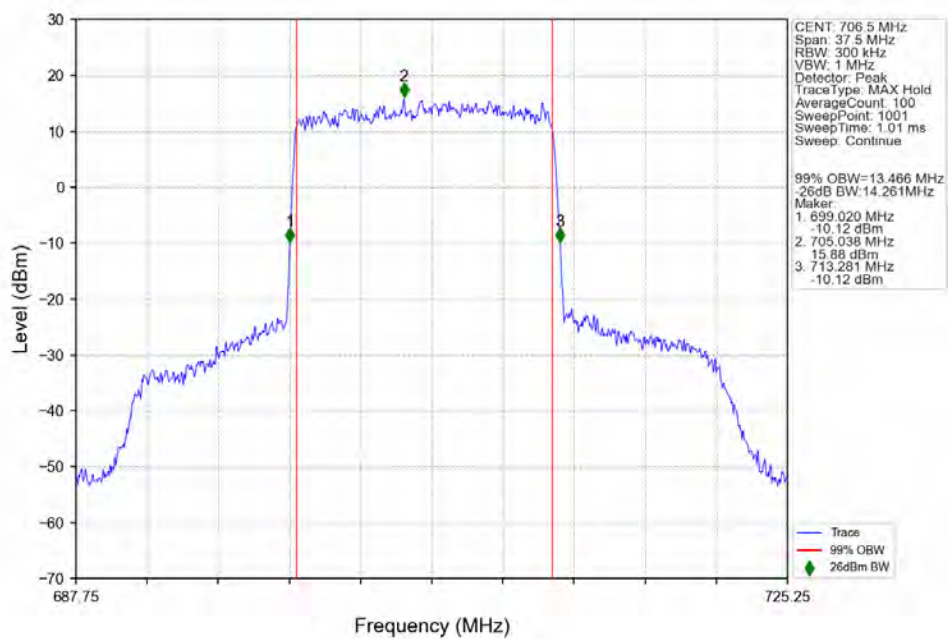
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Outer_Full_Ant1



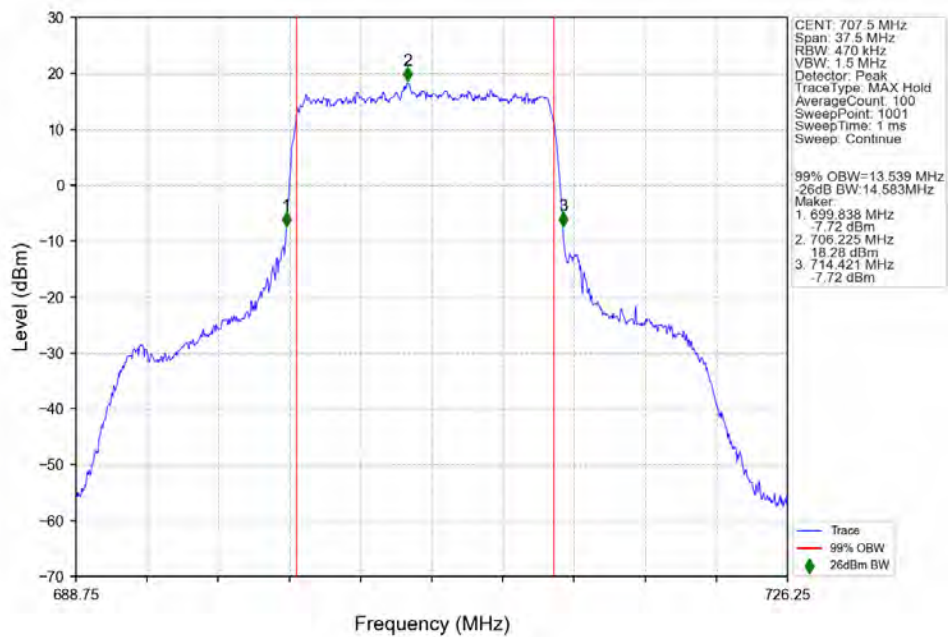
n12 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 708.5MHz Outer Full Ant1



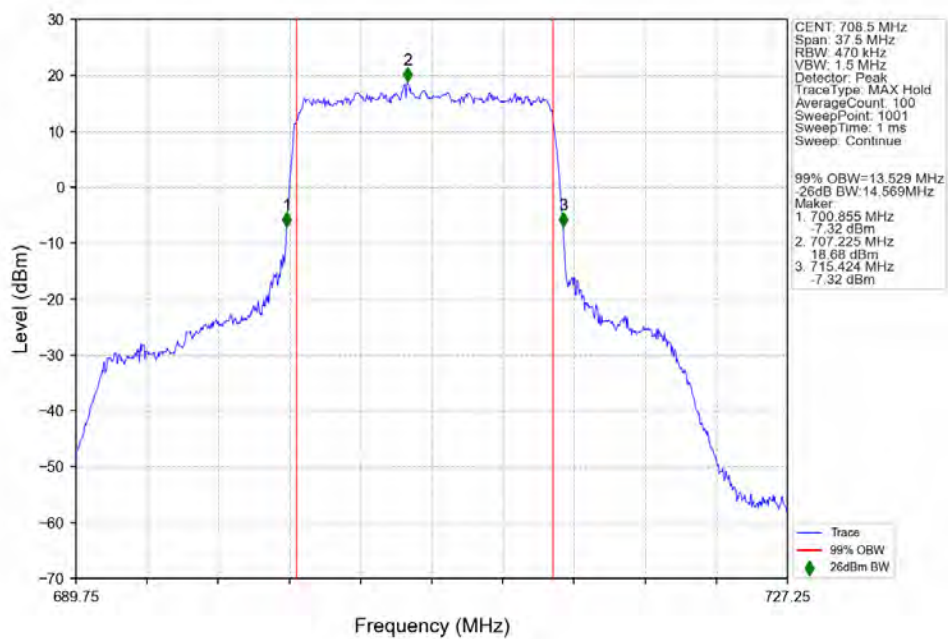
n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 706.5MHz Outer Full Ant1



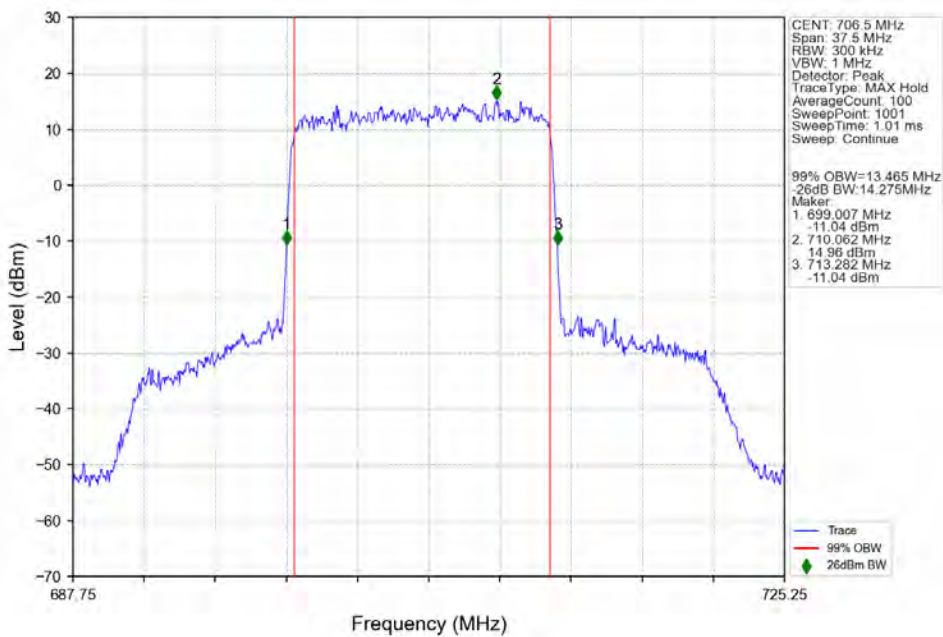
n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 707.5MHz Outer Full Ant1



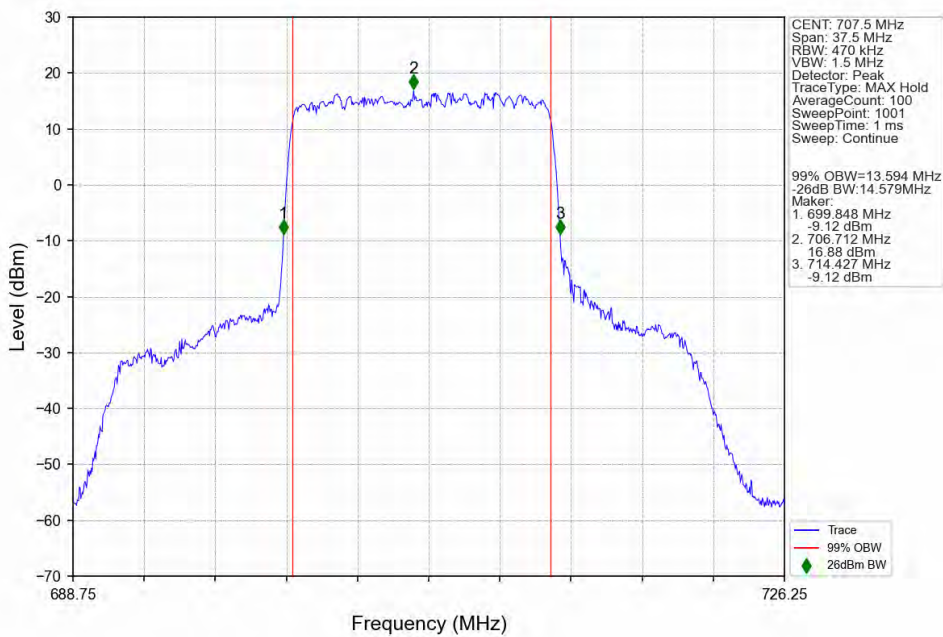
n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 708.5MHz Outer Full Ant1



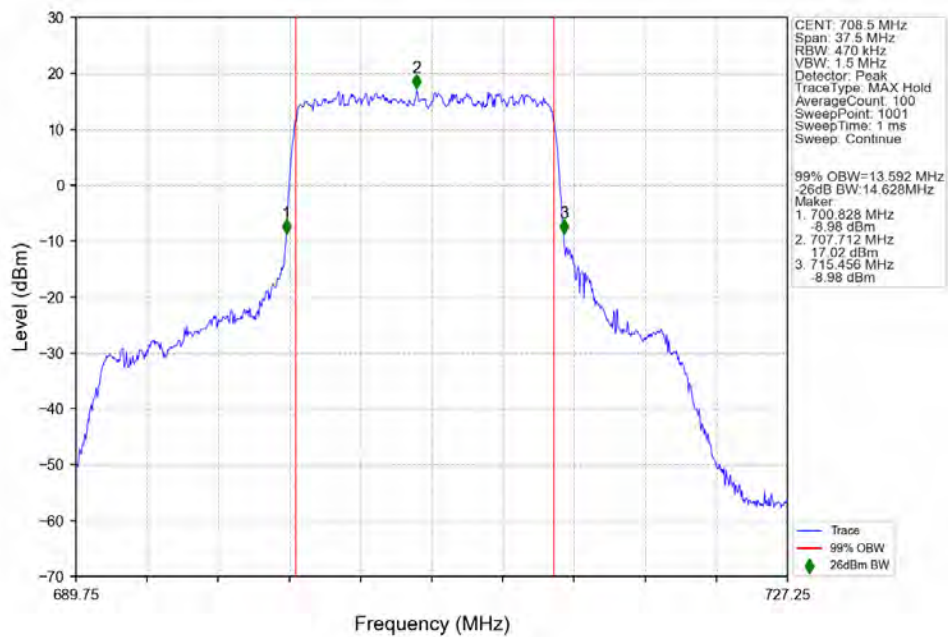
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 706.5MHz Outer Full Ant1



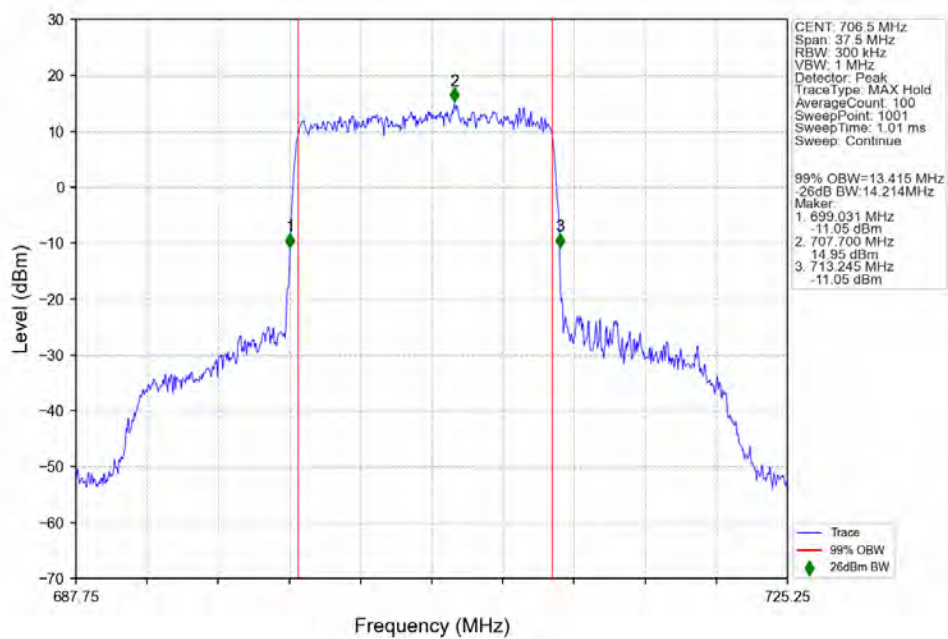
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 707.5MHz Outer Full Ant1



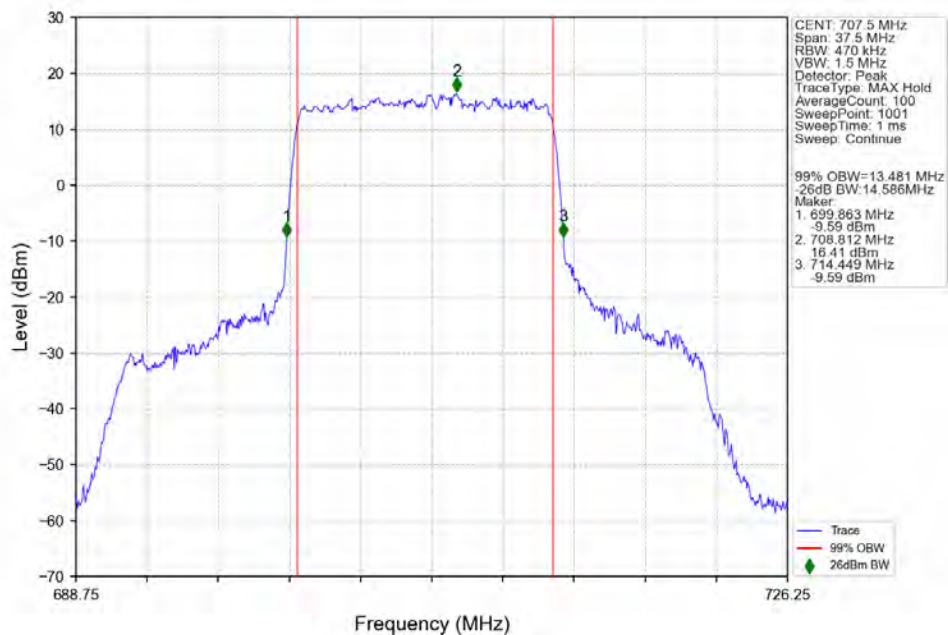
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 708.5MHz Outer Full Ant1



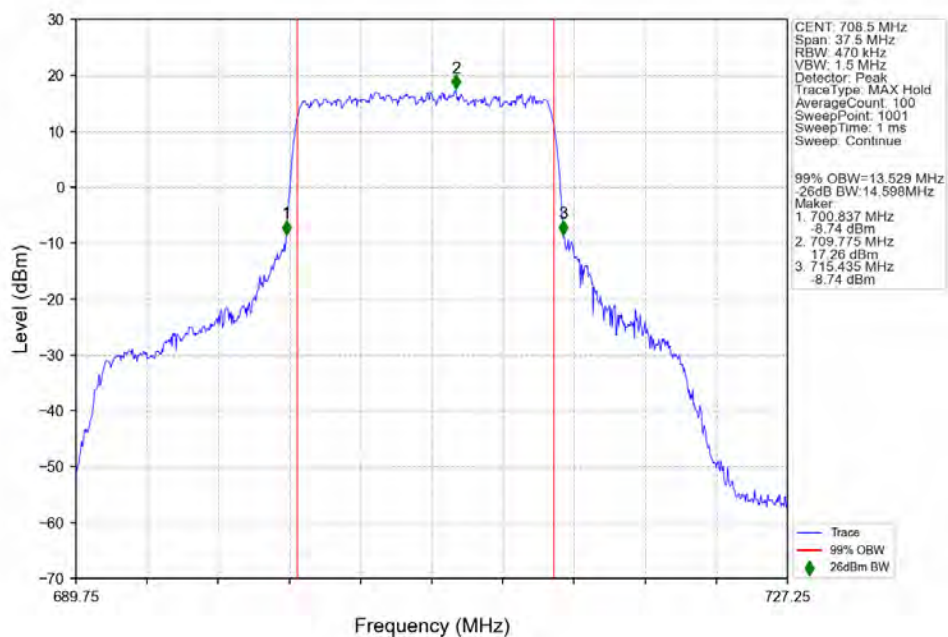
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 706.5MHz Outer Full Ant1



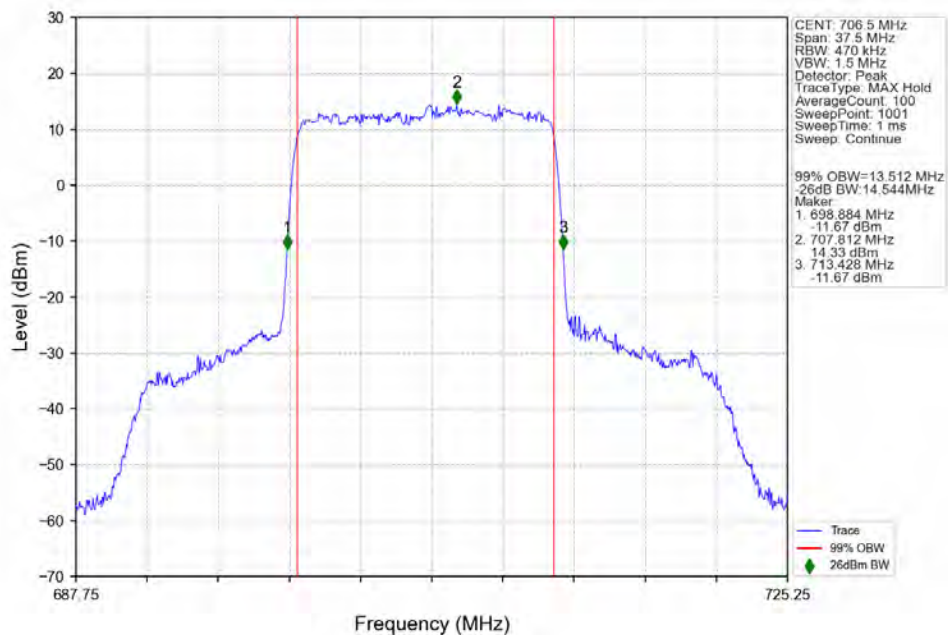
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 707.5MHz Outer Full Ant1



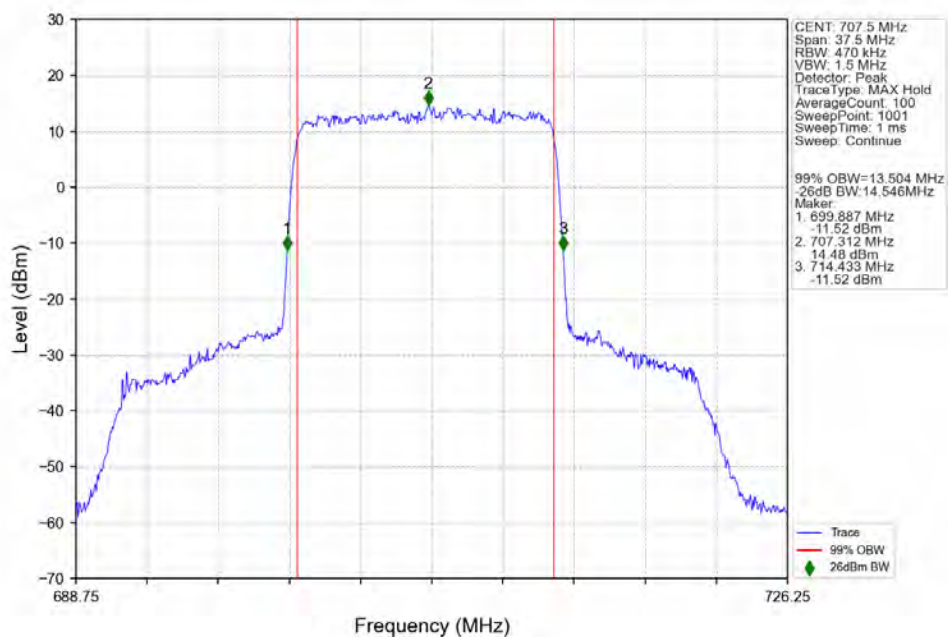
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 708.5MHz Outer Full Ant1



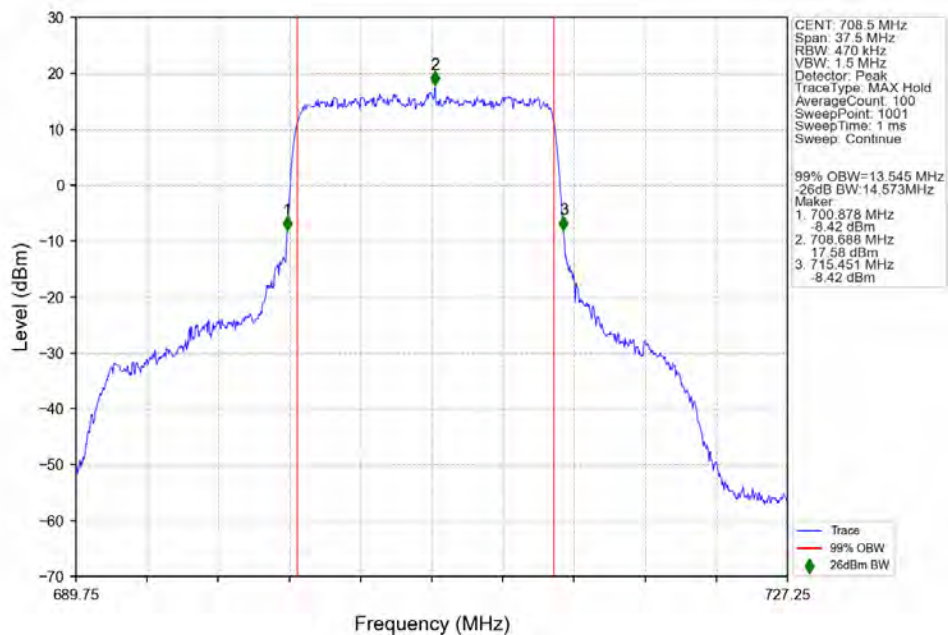
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 706.5MHz Outer Full Ant1



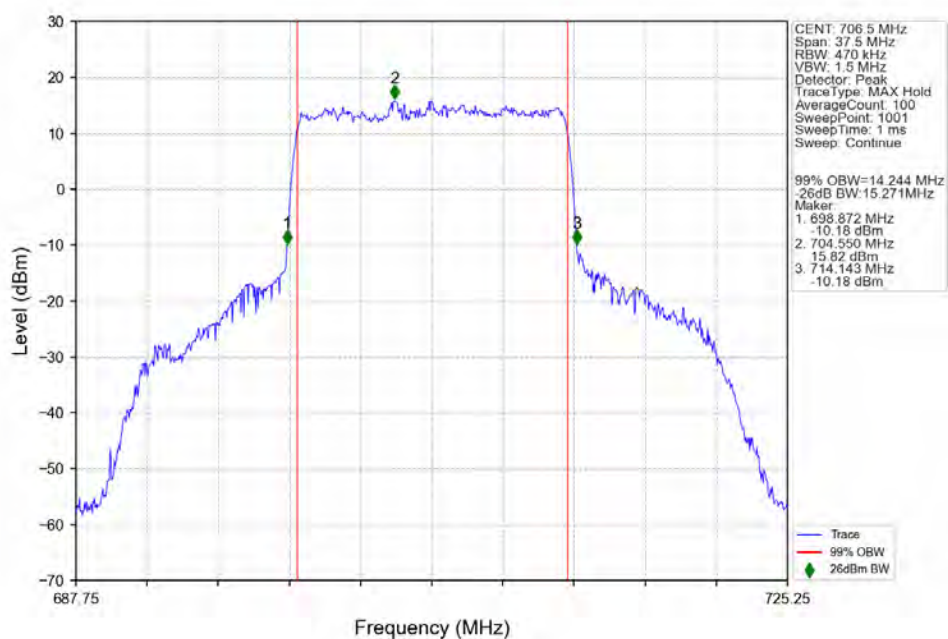
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 707.5MHz Outer Full Ant1



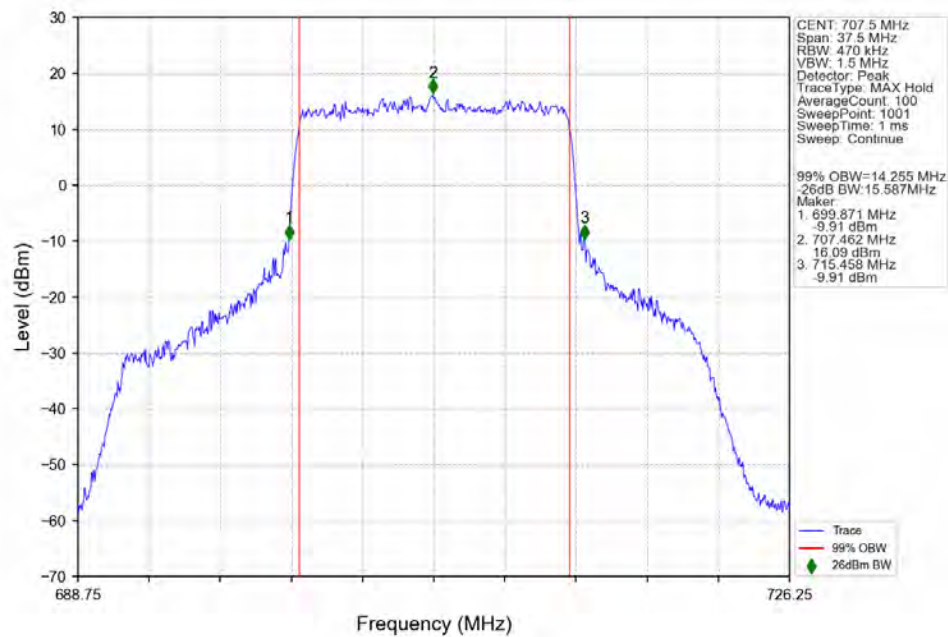
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 708.5MHz Outer Full Ant1



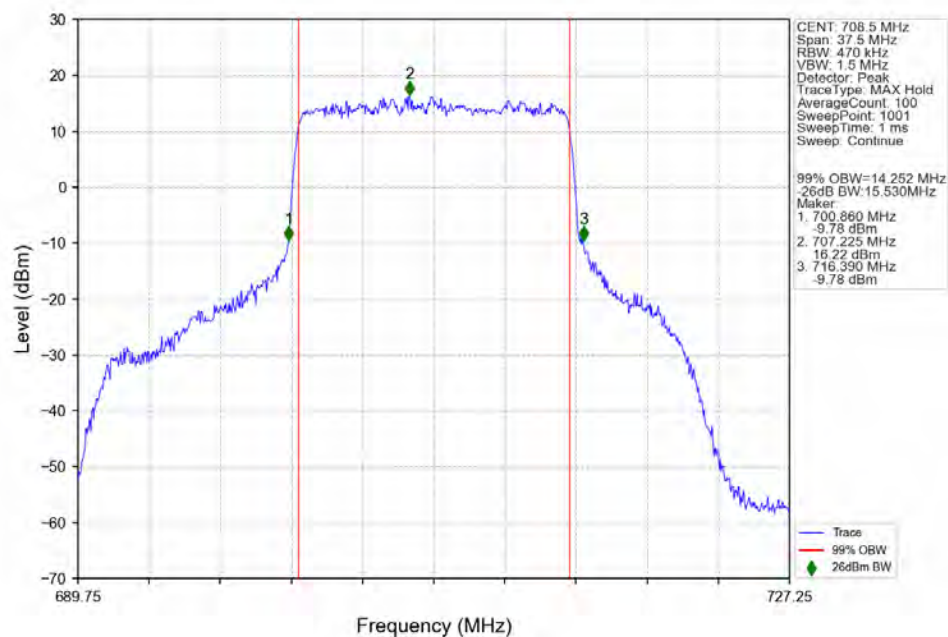
n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 706.5MHz Outer Full Ant1



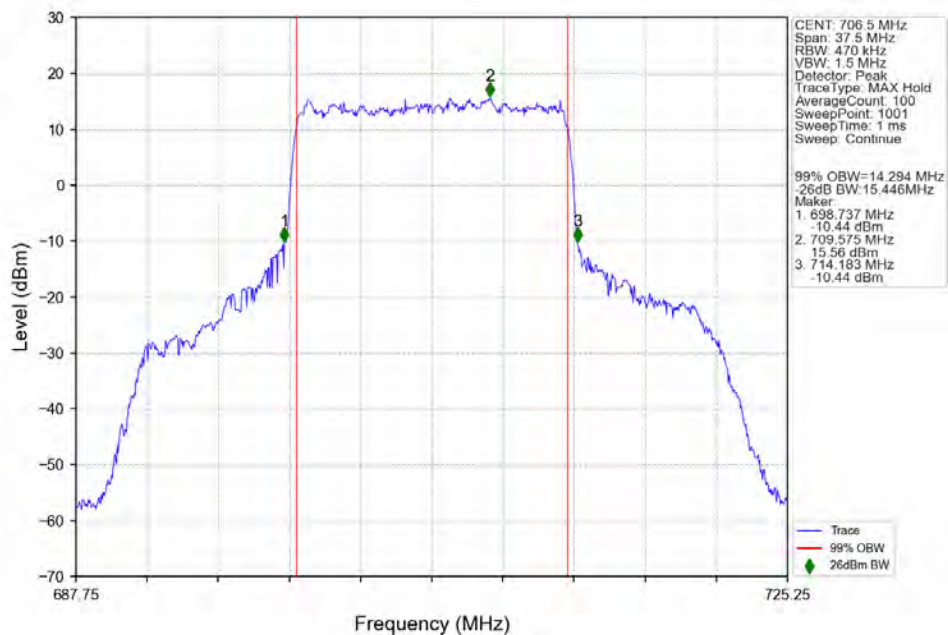
n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 707.5MHz Outer Full Ant1



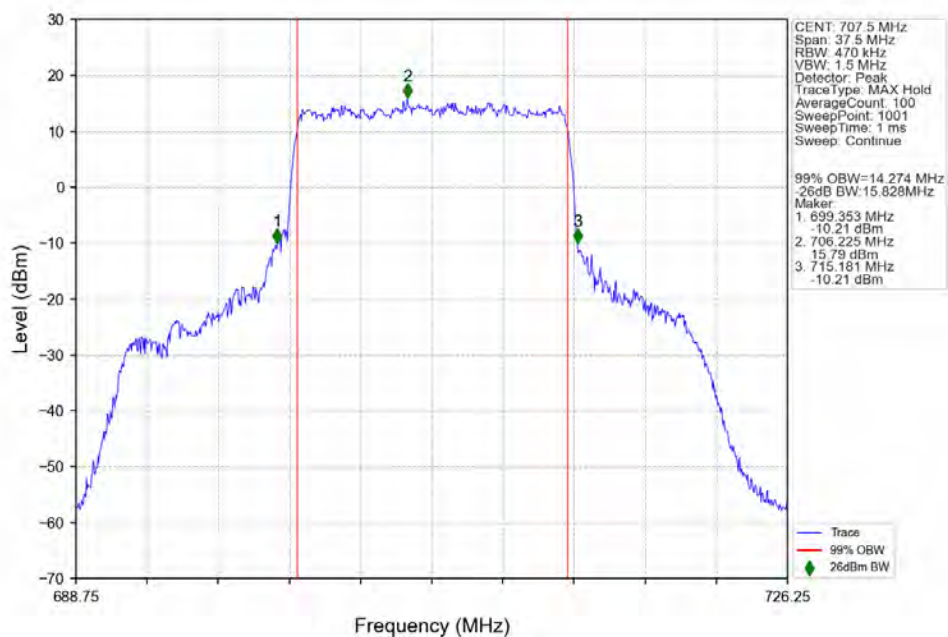
n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 708.5MHz Outer Full Ant1



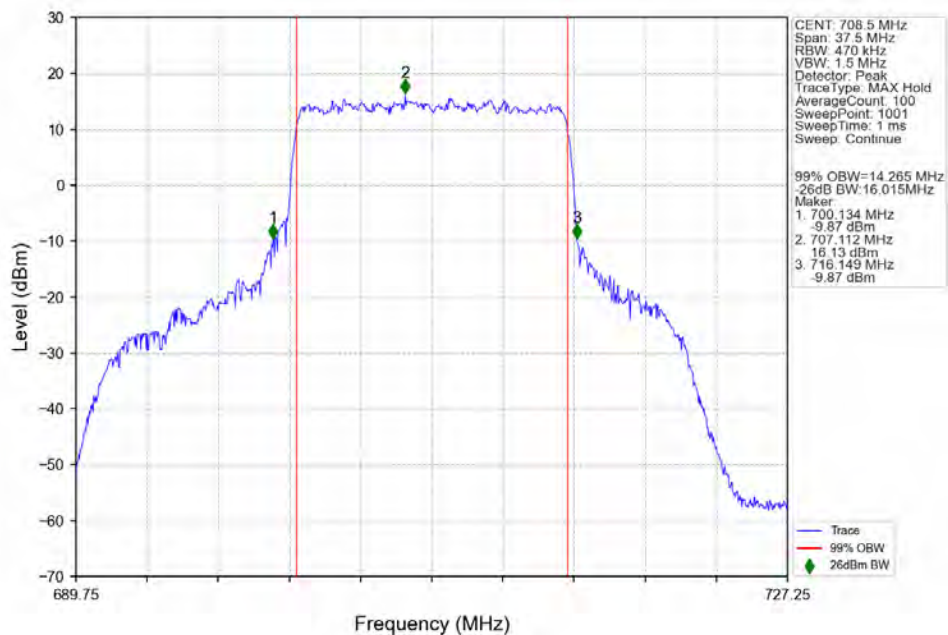
n12 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 706.5MHz Outer Full Ant1



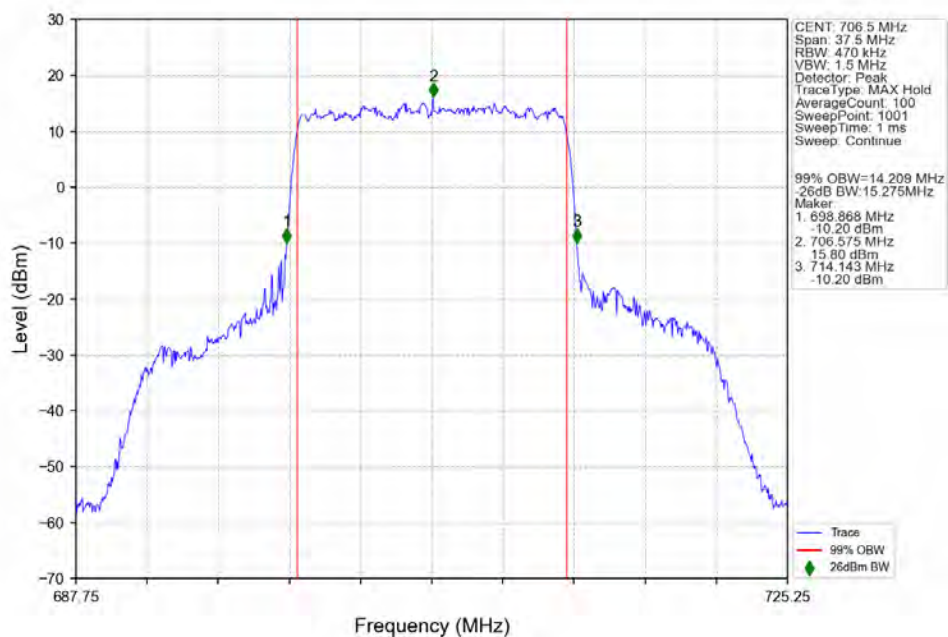
n12 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 707.5MHz Outer Full Ant1



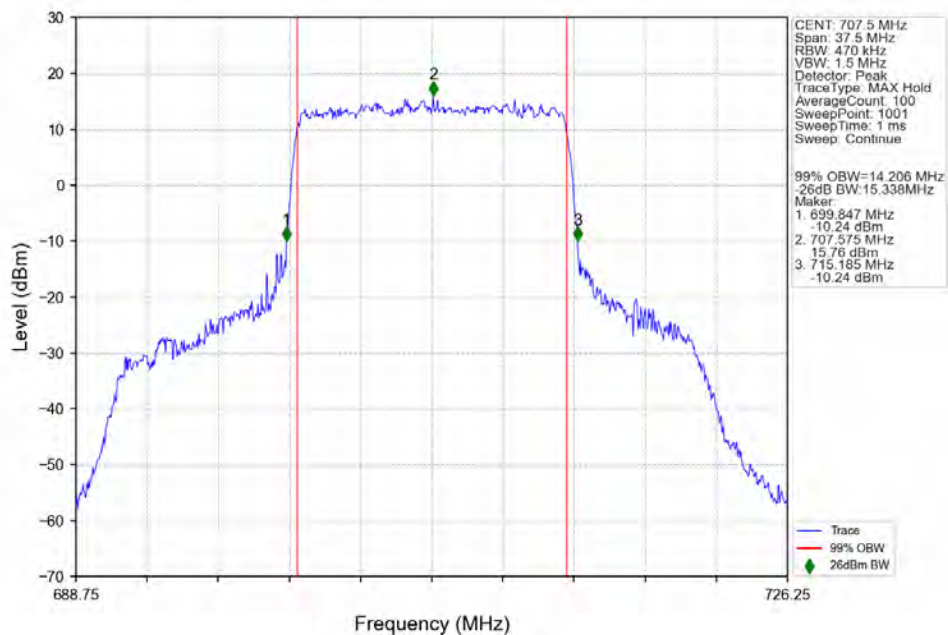
n12 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 708.5MHz Outer Full Ant1



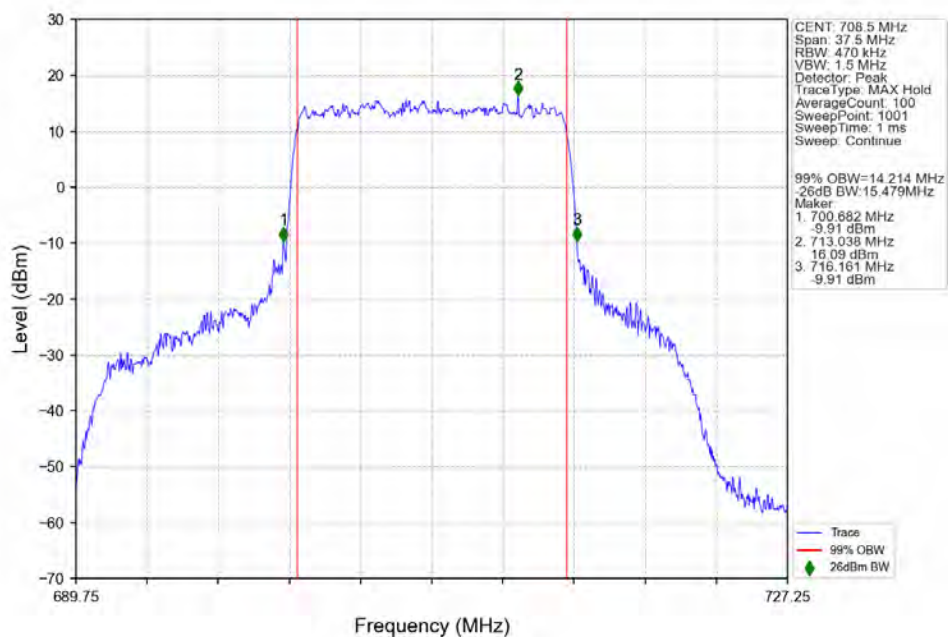
n12 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 706.5MHz Outer Full Ant1



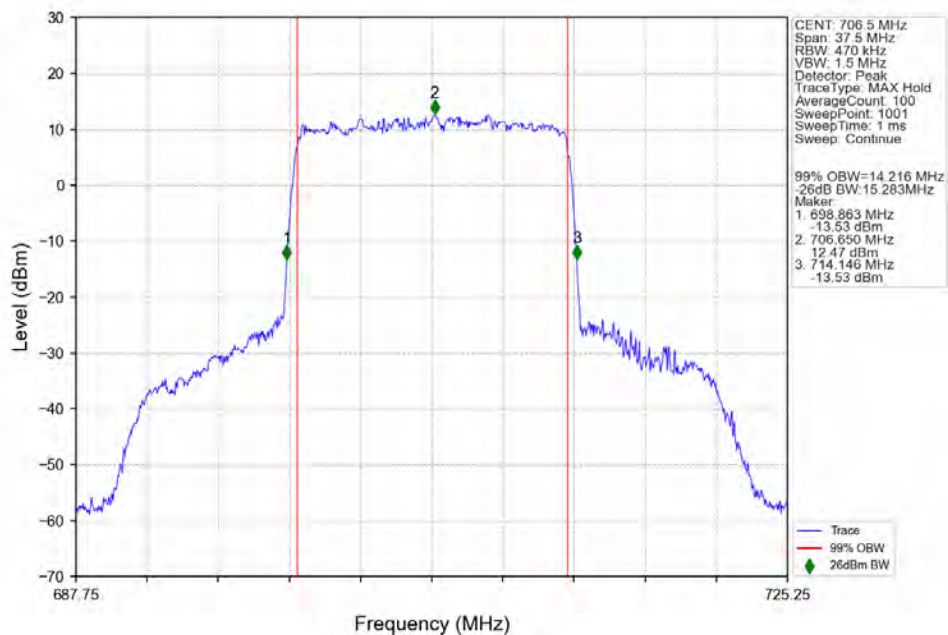
n12 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 707.5MHz Outer Full Ant1



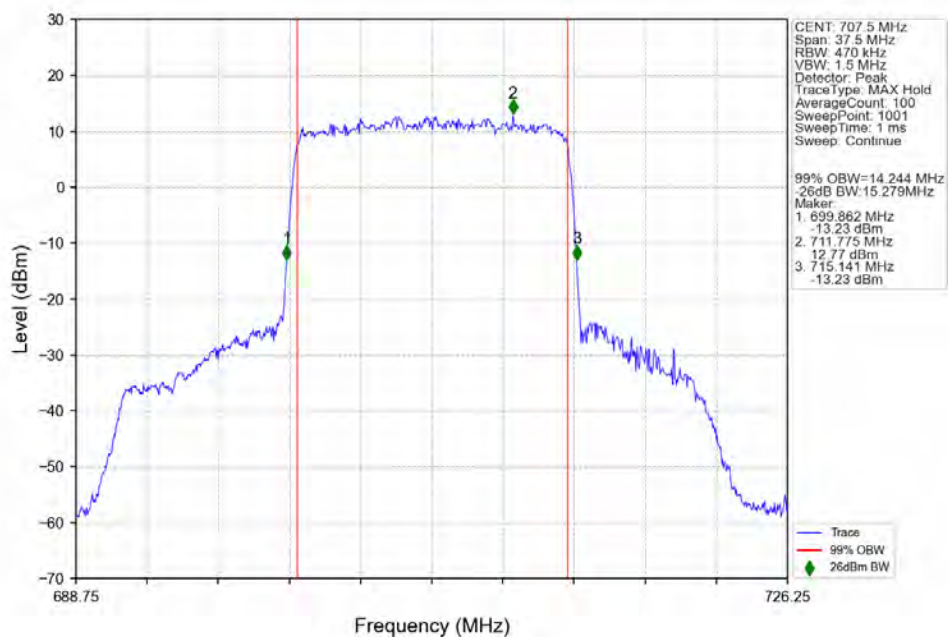
n12 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 708.5MHz Outer Full Ant1



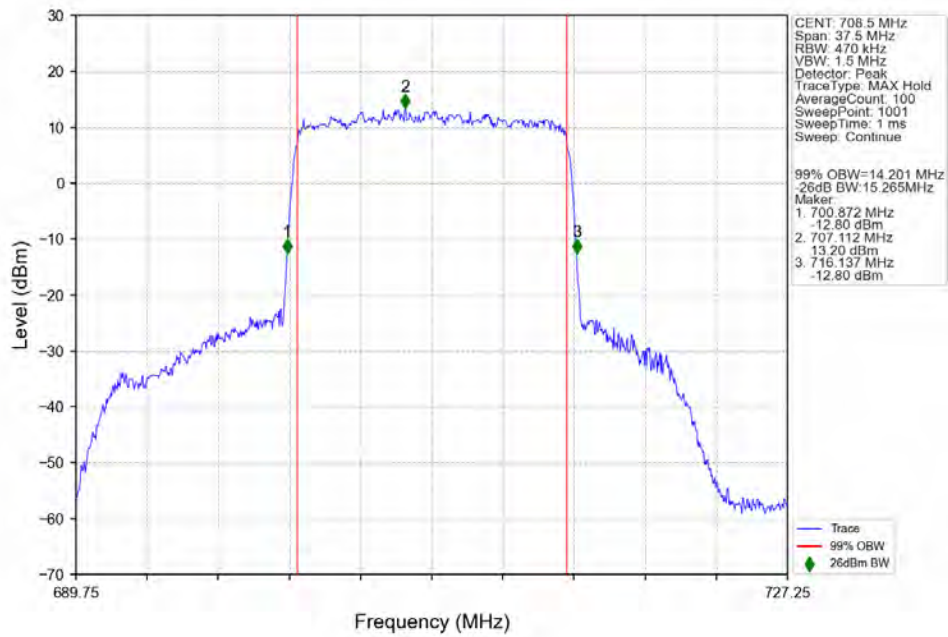
n12 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 706.5MHz Outer Full Ant1



n12 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 707.5MHz Outer Full Ant1



n12 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 708.5MHz Outer Full Ant1



4. Peak-Average Ratio

4.1 Test Result

4.1.1 15k_SISO_5MHz_NTNV

5G NR n12 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	701.5	Outer_Full	4.35	/	/	<=13	Pass
	707.5	Outer_Full	4.17	/	/	<=13	Pass
	713.5	Outer_Full	4.26	/	/	<=13	Pass
DFT-s-OFDM QPSK	701.5	Outer_Full	5.54	/	/	<=13	Pass
	707.5	Outer_Full	5.46	/	/	<=13	Pass
	713.5	Outer_Full	5.54	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	701.5	Outer_Full	6.07	/	/	<=13	Pass
	707.5	Outer_Full	5.99	/	/	<=13	Pass
	713.5	Outer_Full	6.06	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	701.5	Outer_Full	6.48	/	/	<=13	Pass
	707.5	Outer_Full	6.42	/	/	<=13	Pass
	713.5	Outer_Full	6.48	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	701.5	Outer_Full	6.67	/	/	<=13	Pass
	707.5	Outer_Full	6.51	/	/	<=13	Pass
	713.5	Outer_Full	6.68	/	/	<=13	Pass
CP-OFDM QPSK	701.5	Outer_Full	8.03	/	/	<=13	Pass
	707.5	Outer_Full	7.93	/	/	<=13	Pass
	713.5	Outer_Full	8.19	/	/	<=13	Pass
CP-OFDM 16 QAM	701.5	Outer_Full	8.15	/	/	<=13	Pass
	707.5	Outer_Full	8.10	/	/	<=13	Pass
	713.5	Outer_Full	8.32	/	/	<=13	Pass
CP-OFDM 64 QAM	701.5	Outer_Full	8.04	/	/	<=13	Pass
	707.5	Outer_Full	8.09	/	/	<=13	Pass
	713.5	Outer_Full	8.18	/	/	<=13	Pass
CP-OFDM 256 QAM	701.5	Outer_Full	8.45	/	/	<=13	Pass
	707.5	Outer_Full	8.29	/	/	<=13	Pass
	713.5	Outer_Full	8.47	/	/	<=13	Pass

4.1.2 15k_SISO_10MHz_NTNV

5G NR n12 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	704	Outer_Full	4.29	/	/	<=13	Pass
	707.5	Outer_Full	4.04	/	/	<=13	Pass
	711	Outer_Full	4.29	/	/	<=13	Pass
DFT-s-OFDM QPSK	704	Outer_Full	5.40	/	/	<=13	Pass
	707.5	Outer_Full	5.35	/	/	<=13	Pass
	711	Outer_Full	5.41	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	704	Outer_Full	6.19	/	/	<=13	Pass
	707.5	Outer_Full	6.11	/	/	<=13	Pass
	711	Outer_Full	6.10	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	704	Outer_Full	6.31	/	/	<=13	Pass
	707.5	Outer_Full	6.27	/	/	<=13	Pass
	711	Outer_Full	6.29	/	/	<=13	Pass

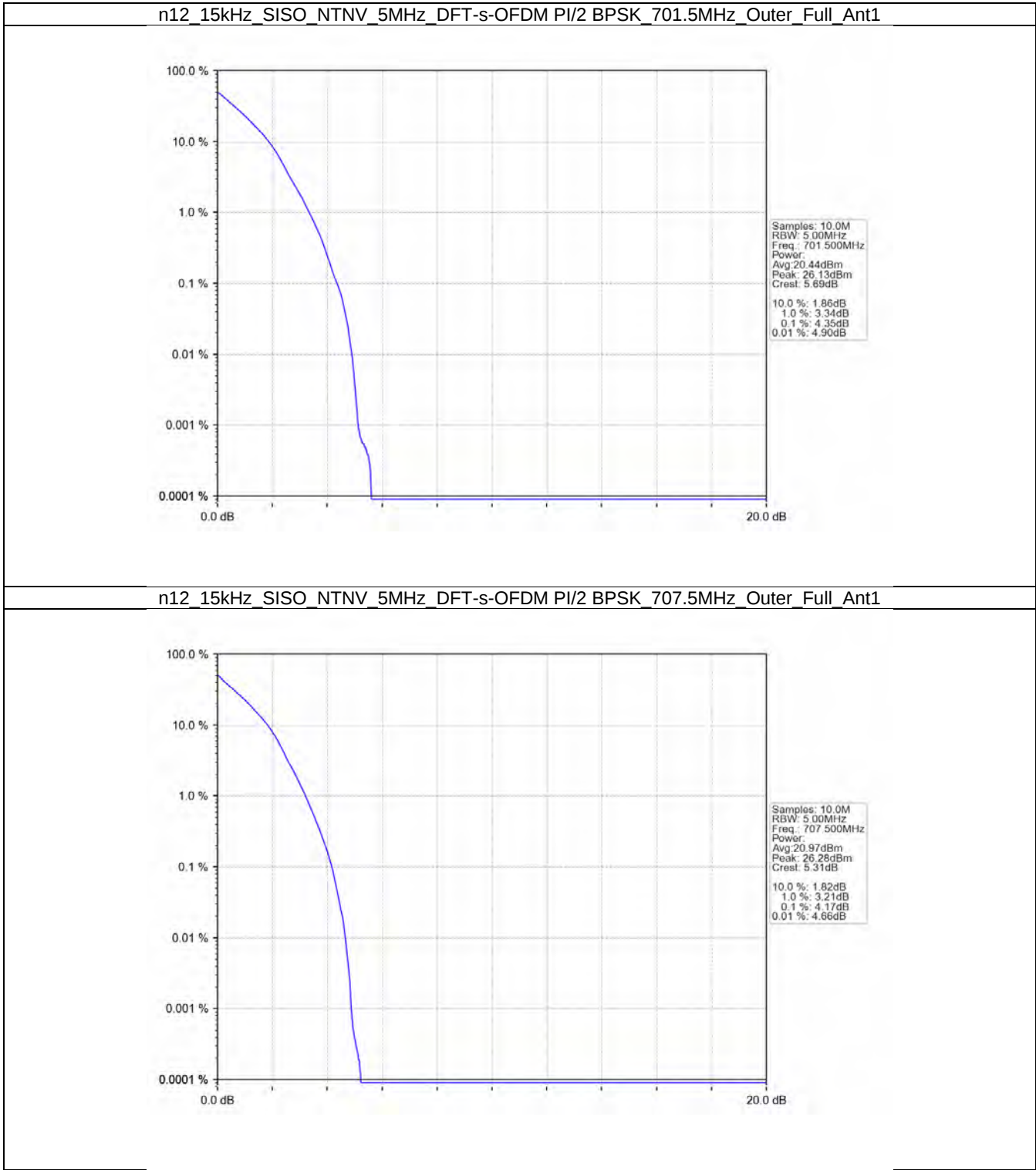
DFT-s-OFDM 256 QAM	704	Outer Full	6.25	/	/	<=13	Pass
	707.5	Outer Full	6.23	/	/	<=13	Pass
	711	Outer Full	6.27	/	/	<=13	Pass
CP-OFDM QPSK	704	Outer Full	8.00	/	/	<=13	Pass
	707.5	Outer Full	7.96	/	/	<=13	Pass
	711	Outer Full	7.90	/	/	<=13	Pass
CP-OFDM 16 QAM	704	Outer Full	8.14	/	/	<=13	Pass
	707.5	Outer Full	8.10	/	/	<=13	Pass
	711	Outer Full	8.02	/	/	<=13	Pass
CP-OFDM 64 QAM	704	Outer Full	7.95	/	/	<=13	Pass
	707.5	Outer Full	7.93	/	/	<=13	Pass
	711	Outer Full	7.90	/	/	<=13	Pass
CP-OFDM 256 QAM	704	Outer Full	8.04	/	/	<=13	Pass
	707.5	Outer Full	8.05	/	/	<=13	Pass
	711	Outer Full	7.97	/	/	<=13	Pass

4.1.3 15k_SISO_15MHz_NTNV

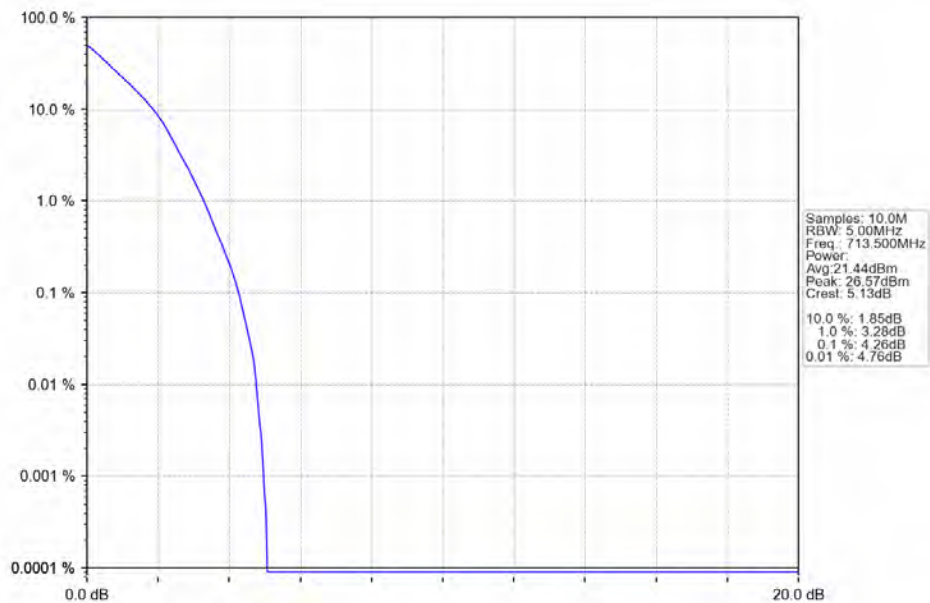
5G NR n12 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	706.5	Outer Full	4.03	/	/	<=13	Pass
	707.5	Outer Full	3.97	/	/	<=13	Pass
	708.5	Outer Full	3.98	/	/	<=13	Pass
DFT-s-OFDM QPSK	706.5	Outer Full	5.20	/	/	<=13	Pass
	707.5	Outer Full	5.24	/	/	<=13	Pass
	708.5	Outer Full	5.29	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	706.5	Outer Full	5.96	/	/	<=13	Pass
	707.5	Outer Full	5.98	/	/	<=13	Pass
	708.5	Outer Full	5.98	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	706.5	Outer Full	6.13	/	/	<=13	Pass
	707.5	Outer Full	6.16	/	/	<=13	Pass
	708.5	Outer Full	6.20	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	706.5	Outer Full	6.17	/	/	<=13	Pass
	707.5	Outer Full	6.18	/	/	<=13	Pass
	708.5	Outer Full	6.19	/	/	<=13	Pass
CP-OFDM QPSK	706.5	Outer Full	7.84	/	/	<=13	Pass
	707.5	Outer Full	7.86	/	/	<=13	Pass
	708.5	Outer Full	7.86	/	/	<=13	Pass
CP-OFDM 16 QAM	706.5	Outer Full	7.91	/	/	<=13	Pass
	707.5	Outer Full	7.93	/	/	<=13	Pass
	708.5	Outer Full	7.94	/	/	<=13	Pass
CP-OFDM 64 QAM	706.5	Outer Full	7.94	/	/	<=13	Pass
	707.5	Outer Full	7.96	/	/	<=13	Pass
	708.5	Outer Full	7.97	/	/	<=13	Pass
CP-OFDM 256 QAM	706.5	Outer Full	8.22	/	/	<=13	Pass
	707.5	Outer Full	8.23	/	/	<=13	Pass
	708.5	Outer Full	8.26	/	/	<=13	Pass

4.2 Test Graph

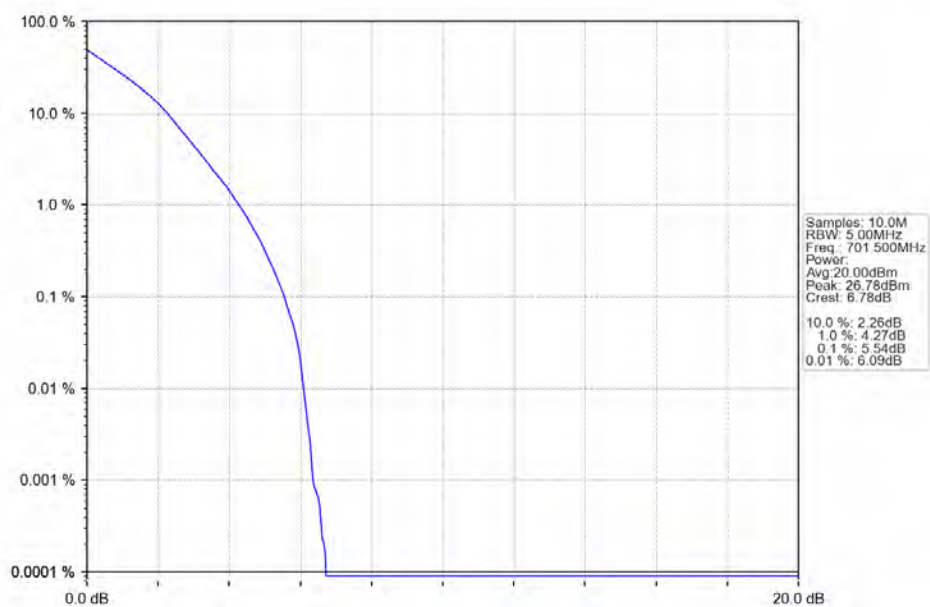
4.2.1 15k_SISO_5MHz_NTNV



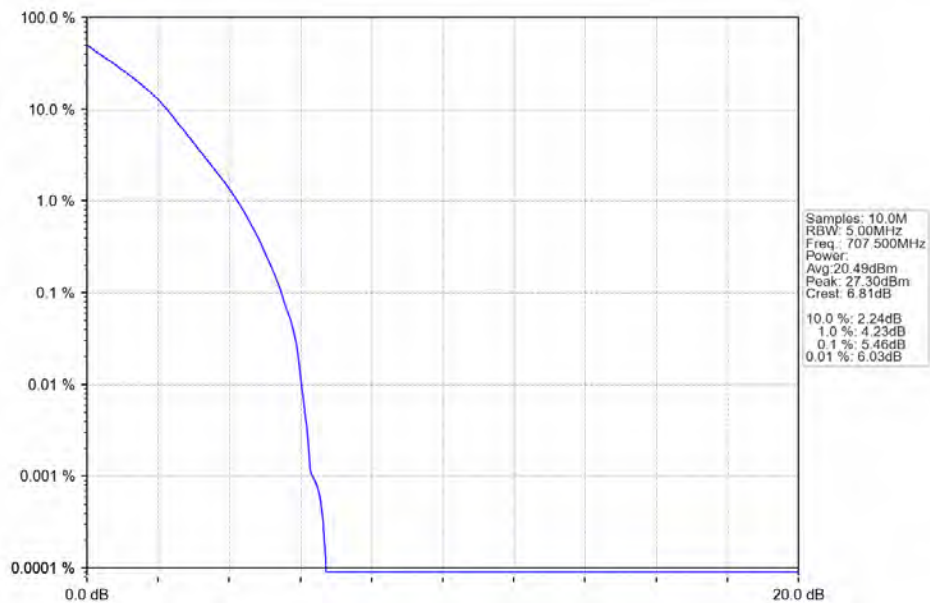
n12 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 713.5MHz Outer Full Ant1



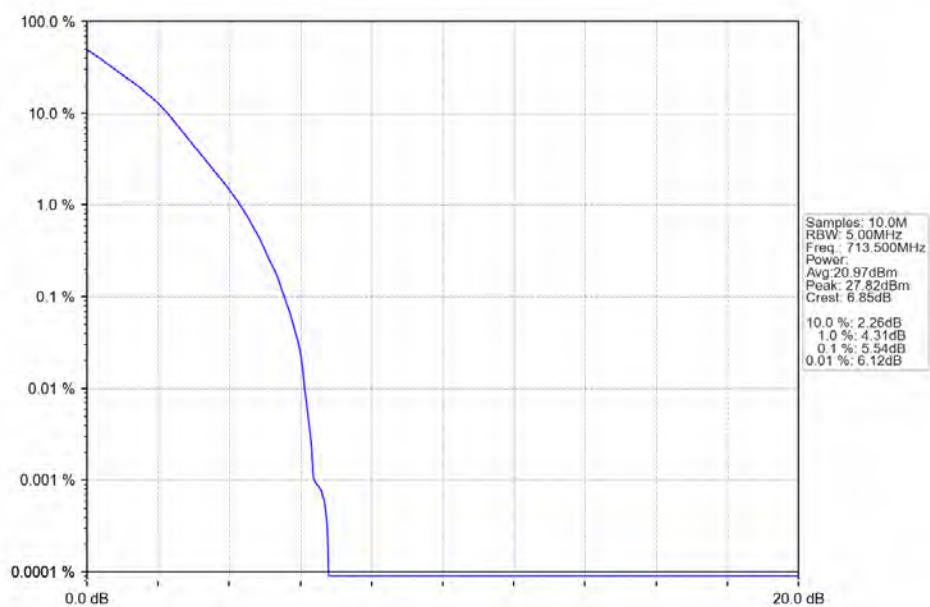
n12 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 701.5MHz Outer Full Ant1



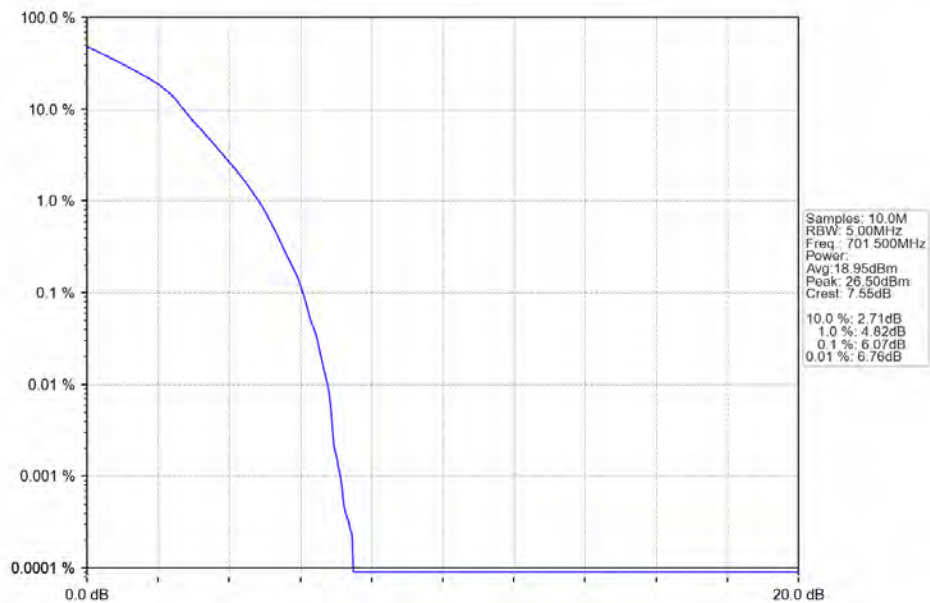
n12 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 707.5MHz Outer Full Ant1



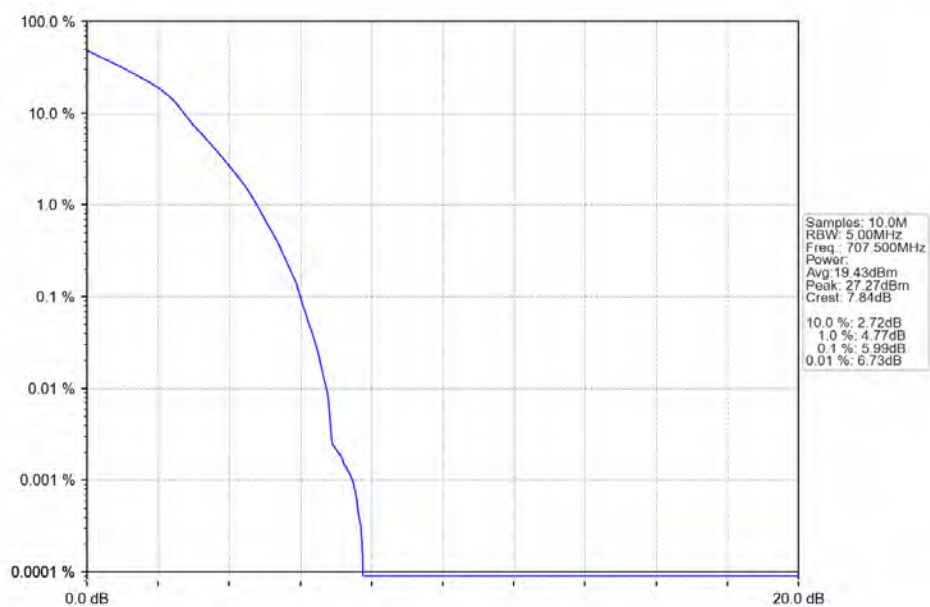
n12 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 713.5MHz Outer Full Ant1



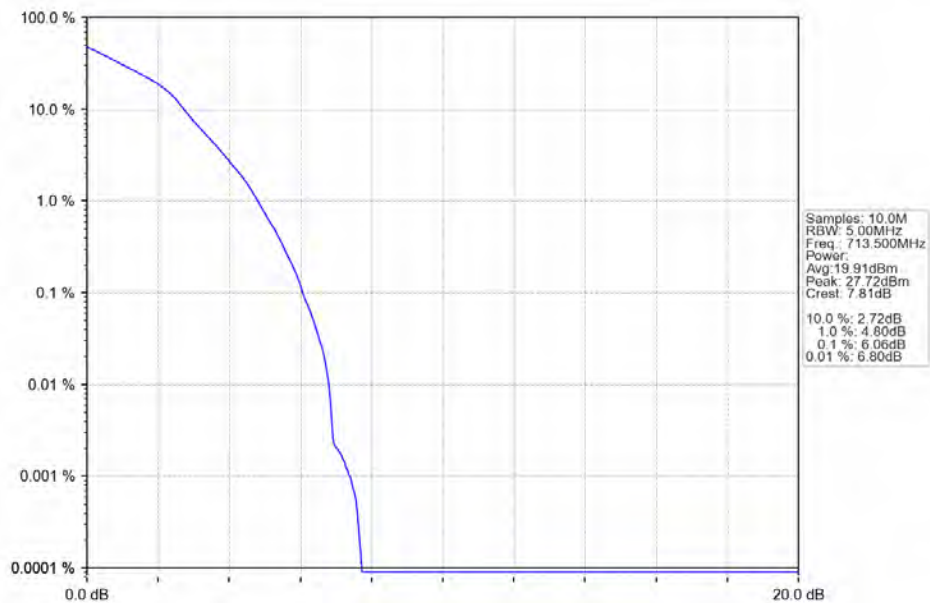
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 701.5MHz Outer Full Ant1



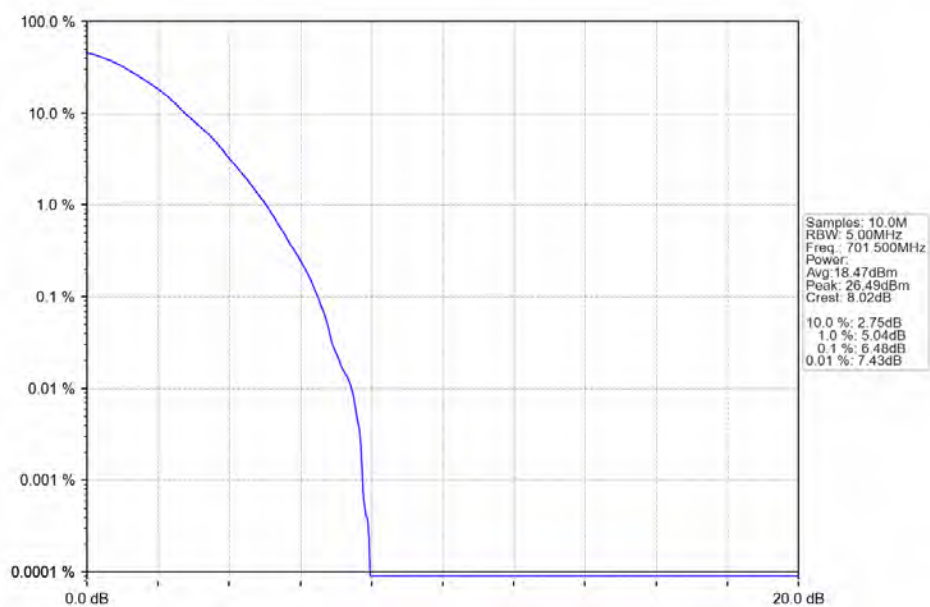
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 707.5MHz Outer Full Ant1



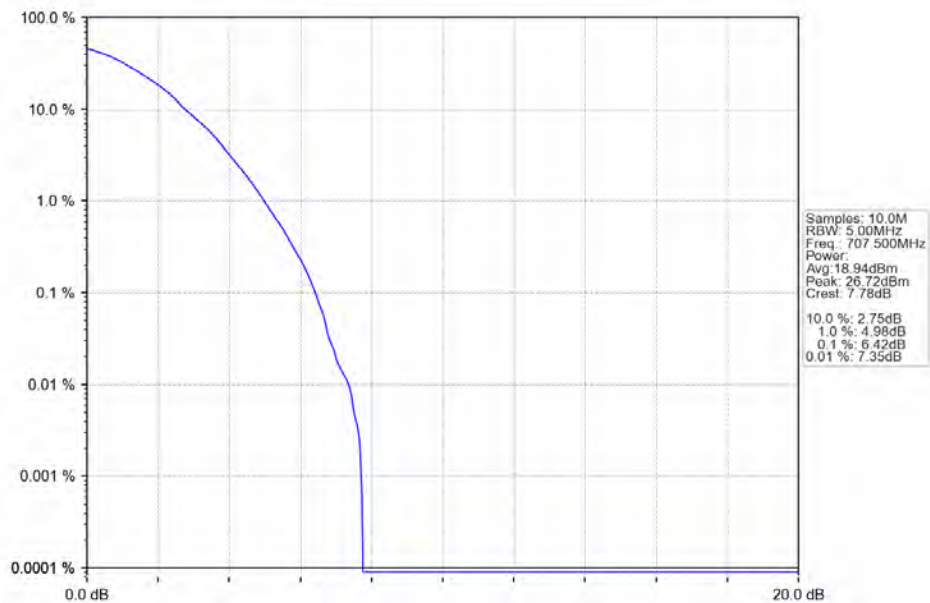
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 16 QAM 713.5MHz Outer Full Ant1



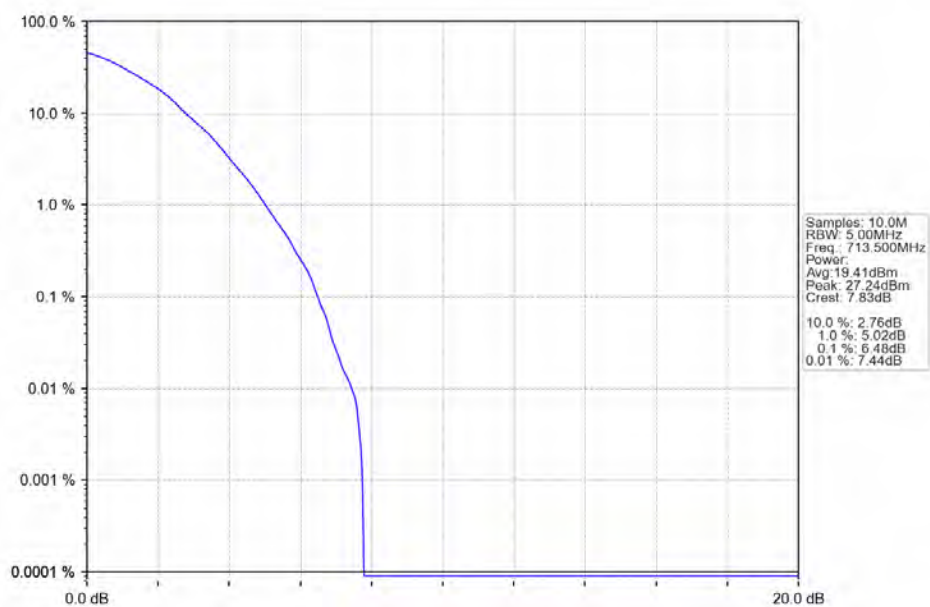
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 701.5MHz Outer Full Ant1



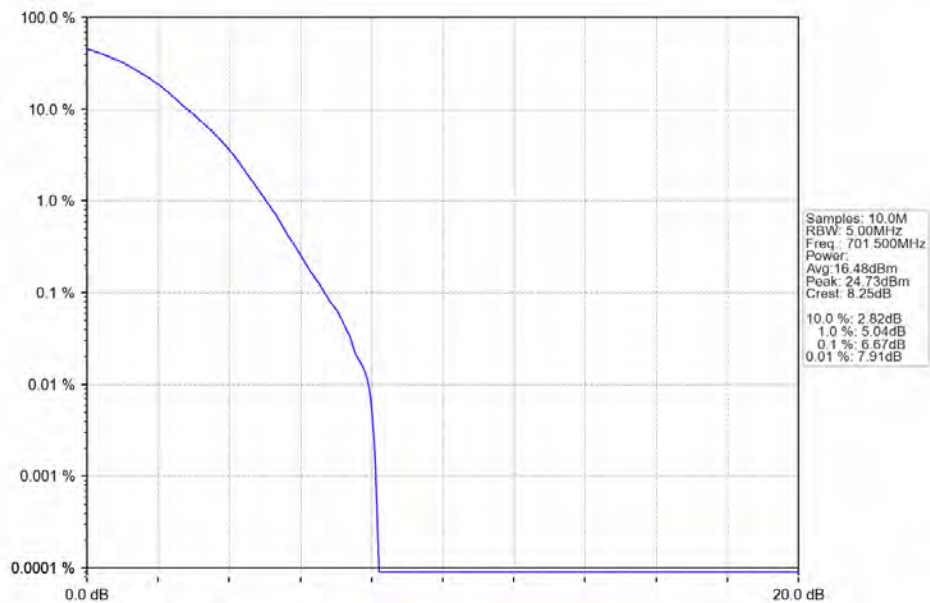
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 707.5MHz Outer Full Ant1



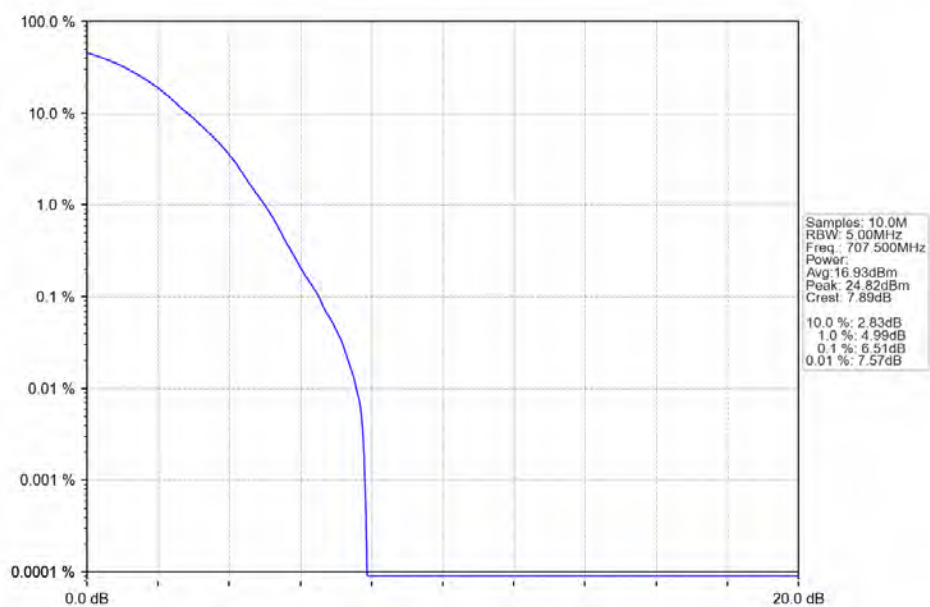
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 64 QAM 713.5MHz Outer Full Ant1



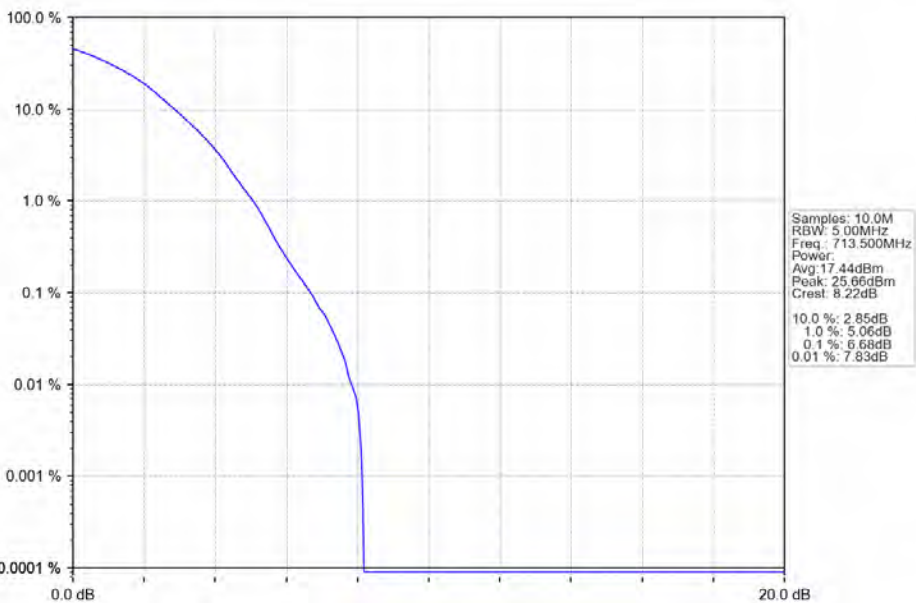
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 701.5MHz Outer Full Ant1



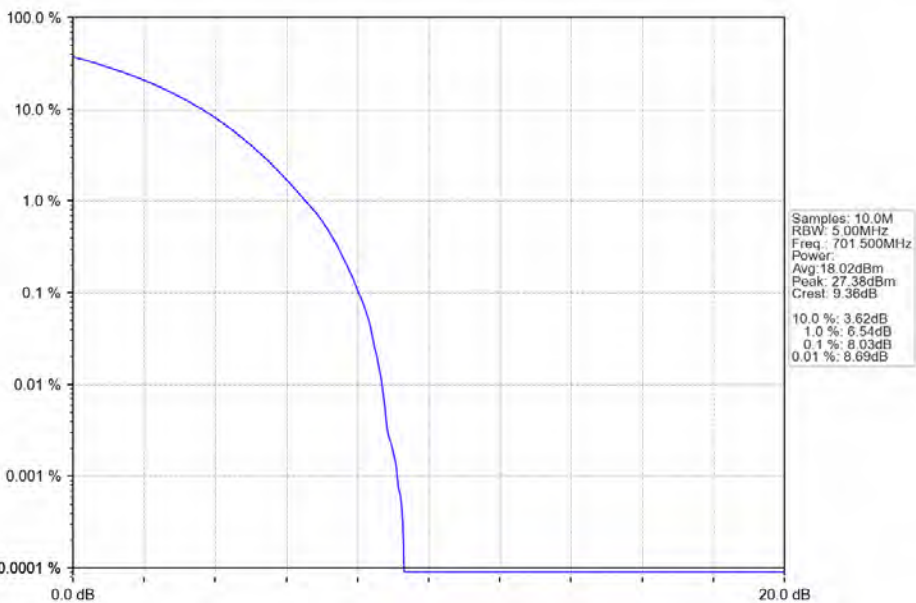
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 707.5MHz Outer Full Ant1



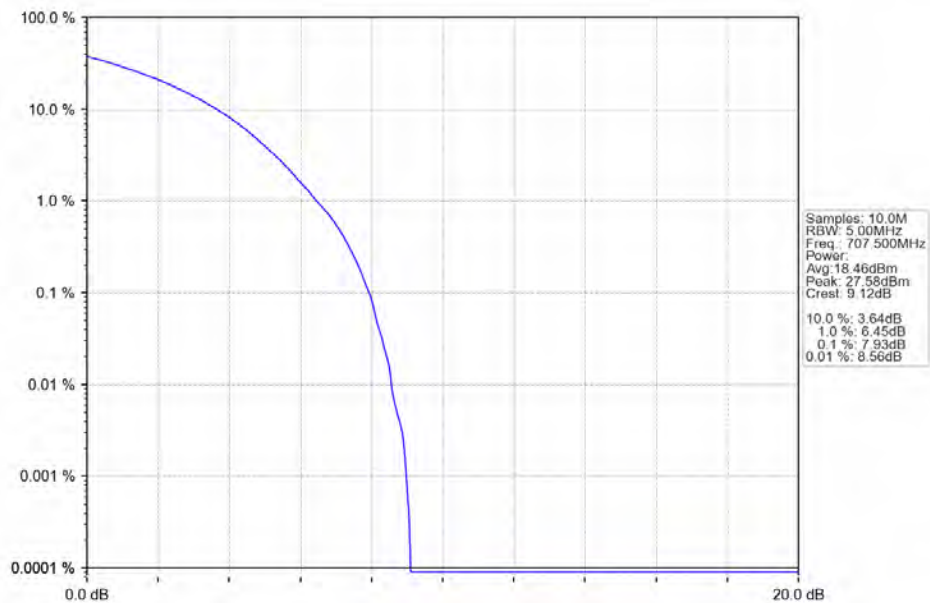
n12 15kHz SISO NTN 5MHz DFT-s-OFDM 256 QAM 713.5MHz Outer Full Ant1



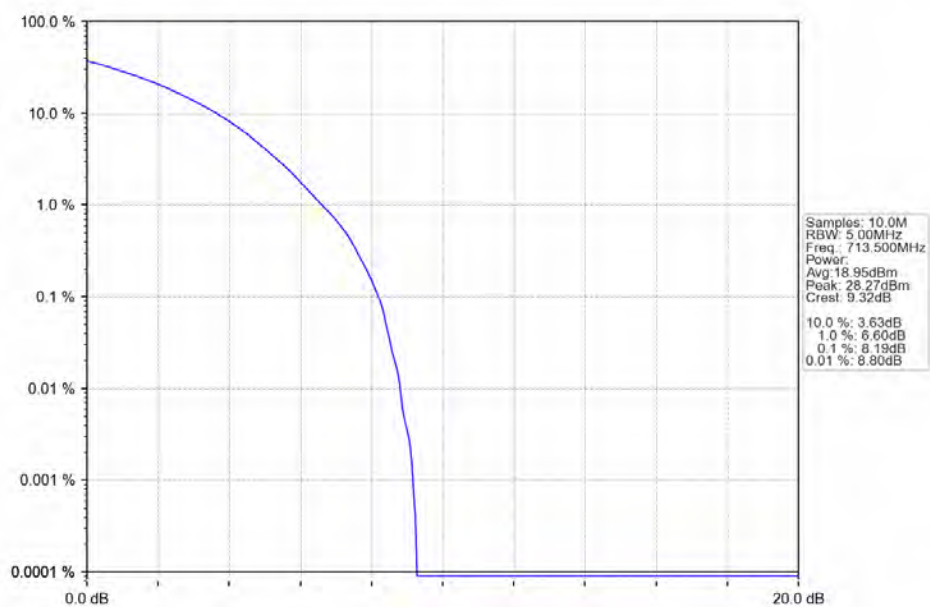
n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 701.5MHz Outer Full Ant1



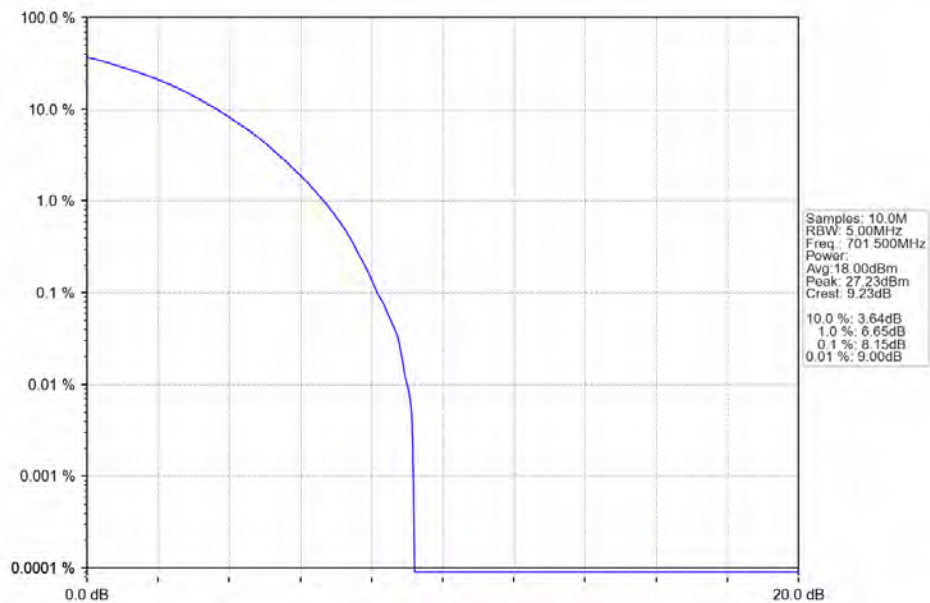
n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 707.5MHz Outer Full Ant1



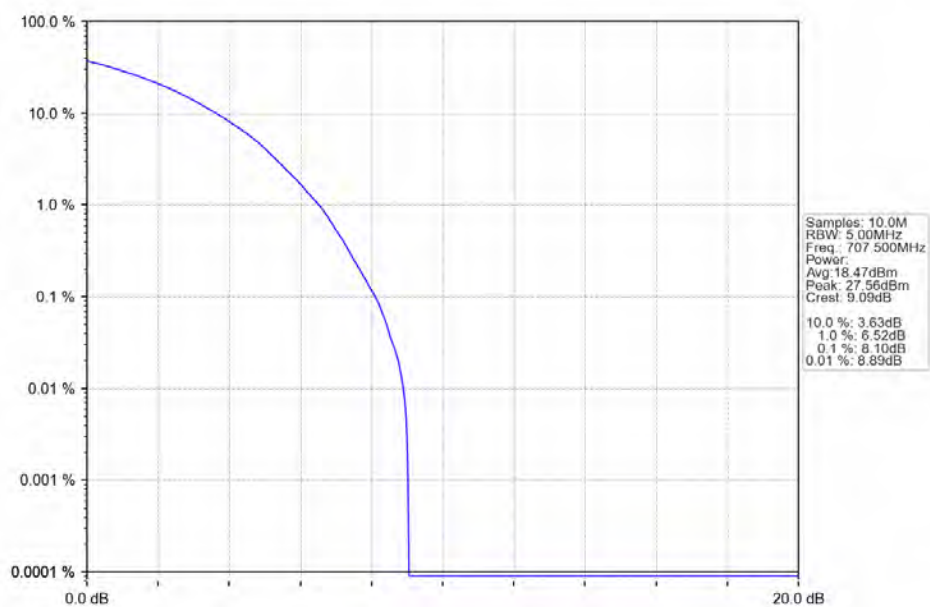
n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 713.5MHz Outer Full Ant1



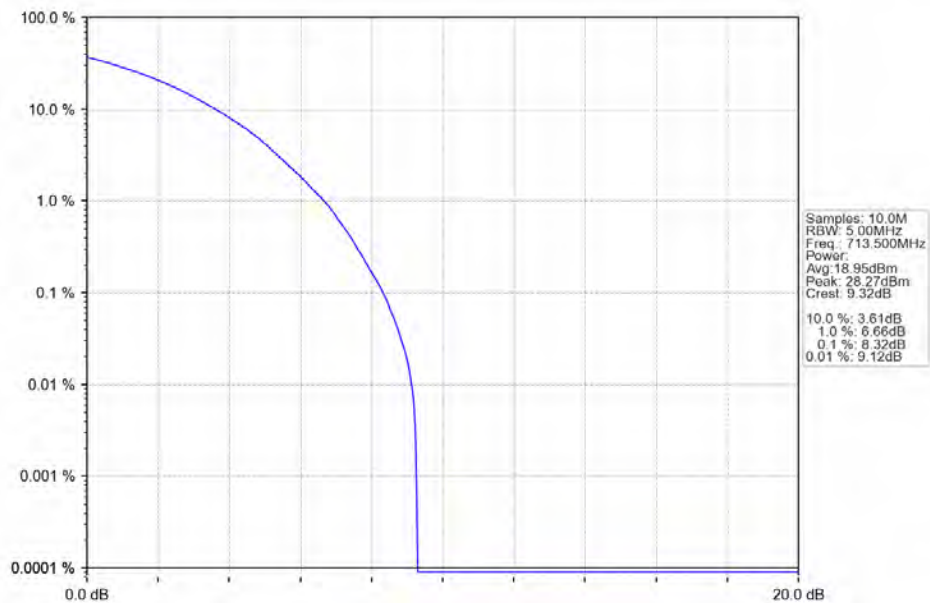
n12 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 701.5MHz Outer Full Ant1



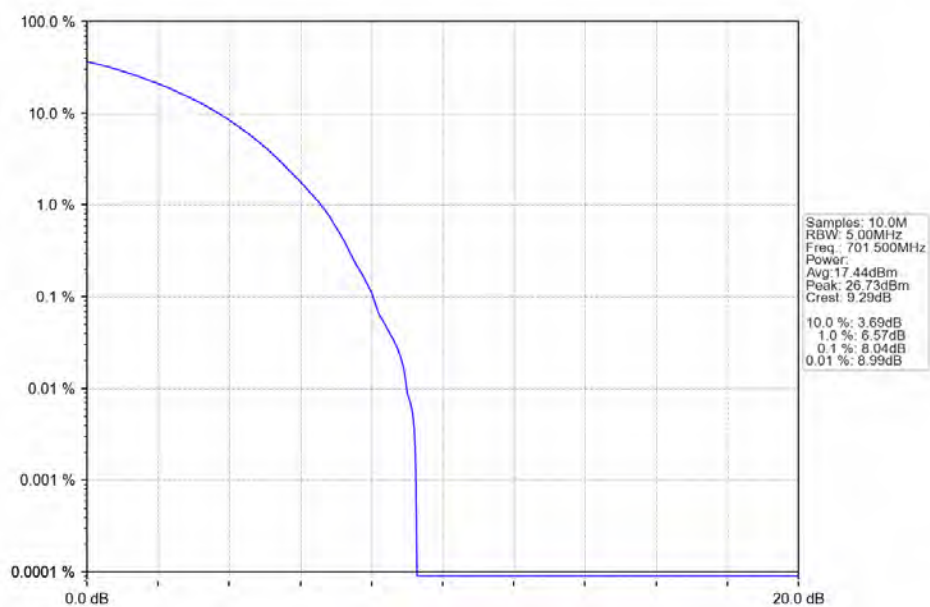
n12 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 707.5MHz Outer Full Ant1



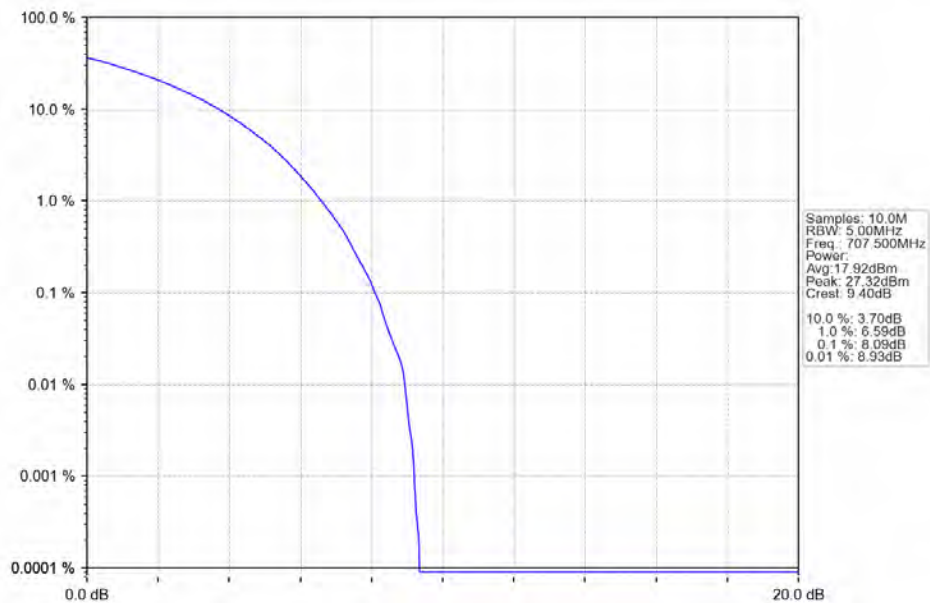
n12 15kHz SISO NTN 5MHz CP-OFDM 16 QAM 713.5MHz Outer Full Ant1



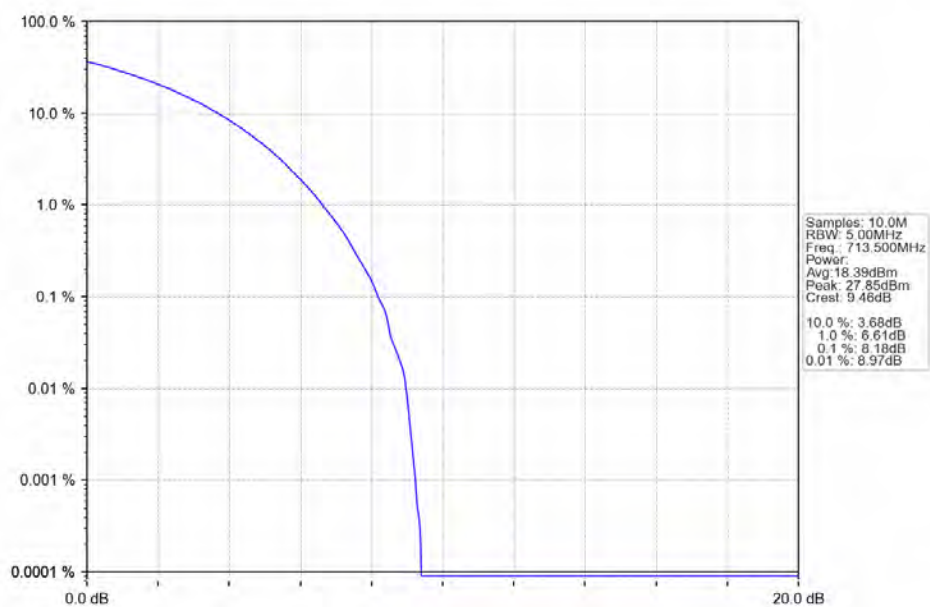
n12 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 701.5MHz Outer Full Ant1



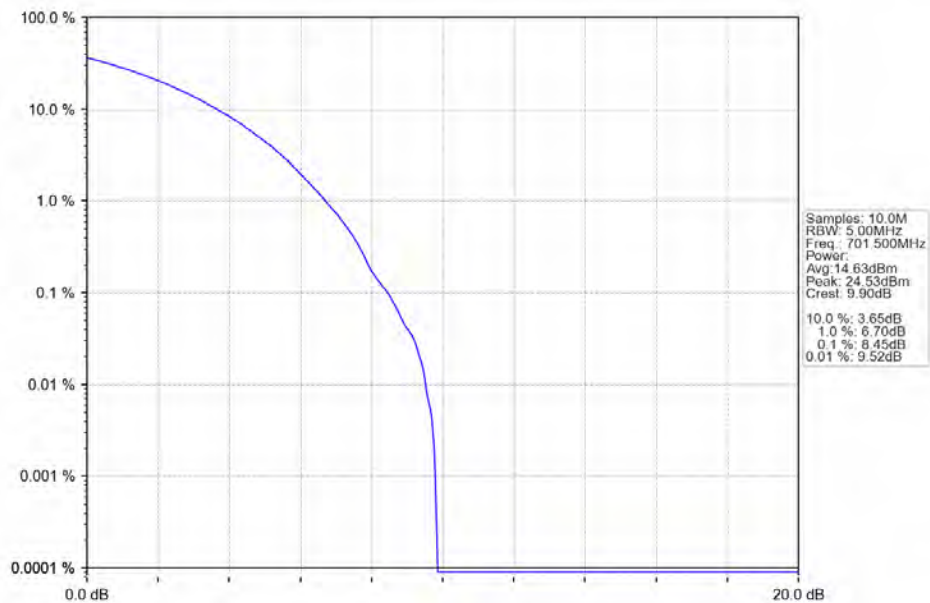
n12 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 707.5MHz Outer Full Ant1



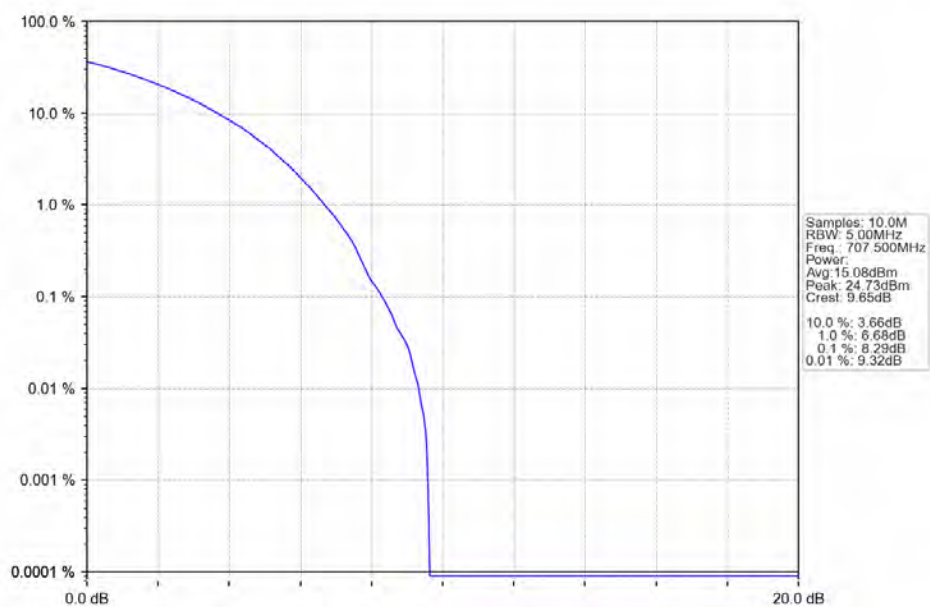
n12 15kHz SISO NTN 5MHz CP-OFDM 64 QAM 713.5MHz Outer Full Ant1



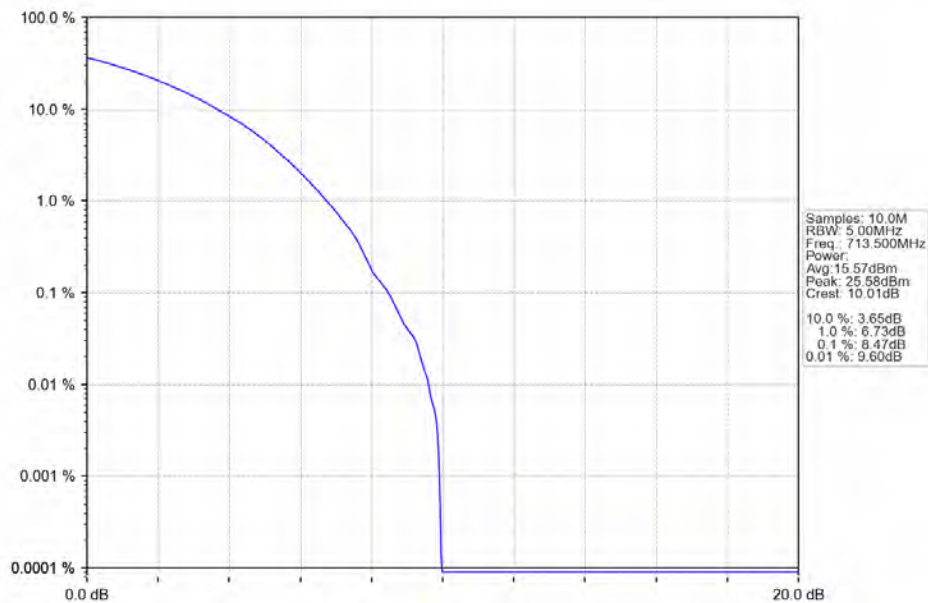
n12 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 701.5MHz Outer Full Ant1



n12 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 707.5MHz Outer Full Ant1

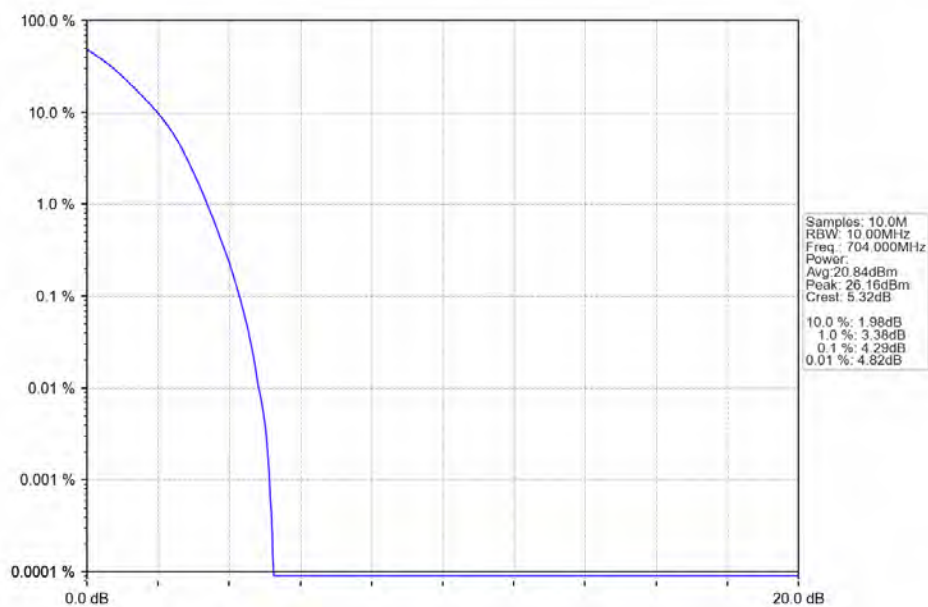


n12 15kHz SISO NTN 5MHz CP-OFDM 256 QAM 713.5MHz Outer Full Ant1

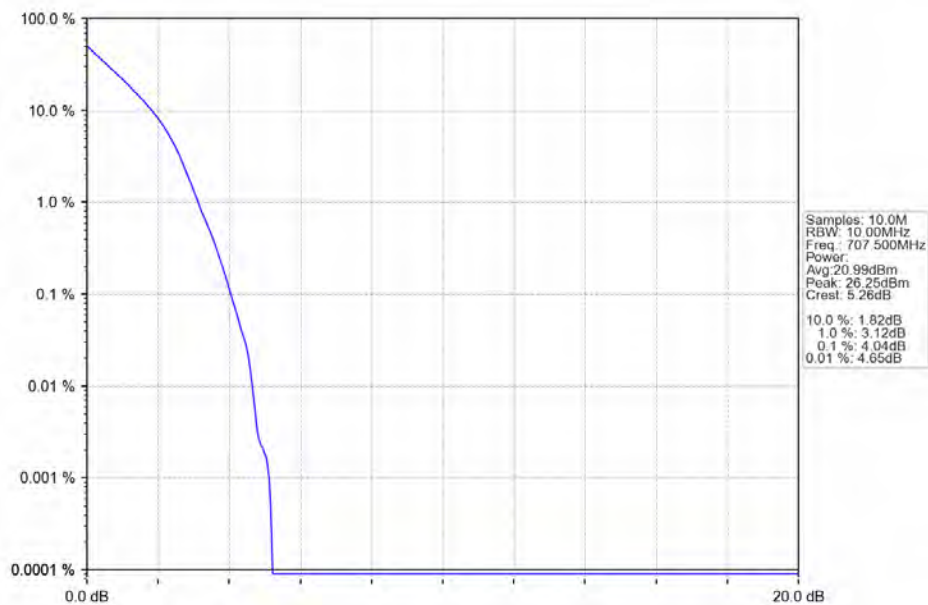


4.2.2 15k_SISO_10MHz_NTNV

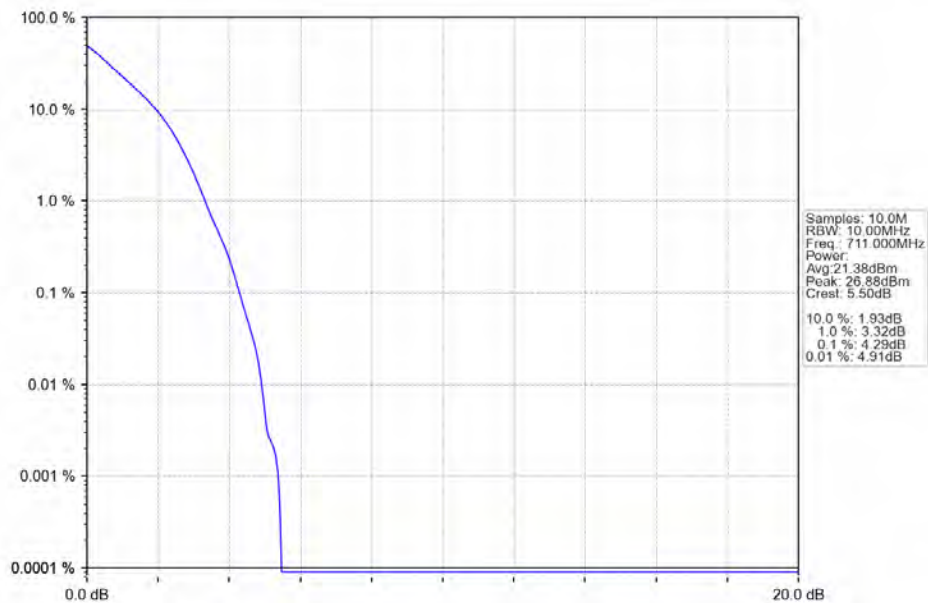
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_704MHz_Outer_Full_Ant1



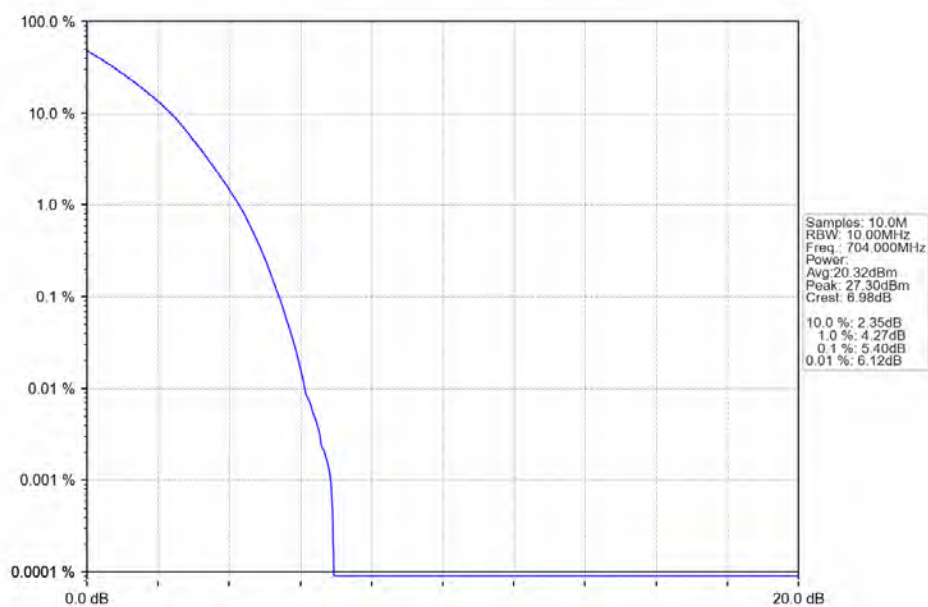
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Outer_Full_Ant1



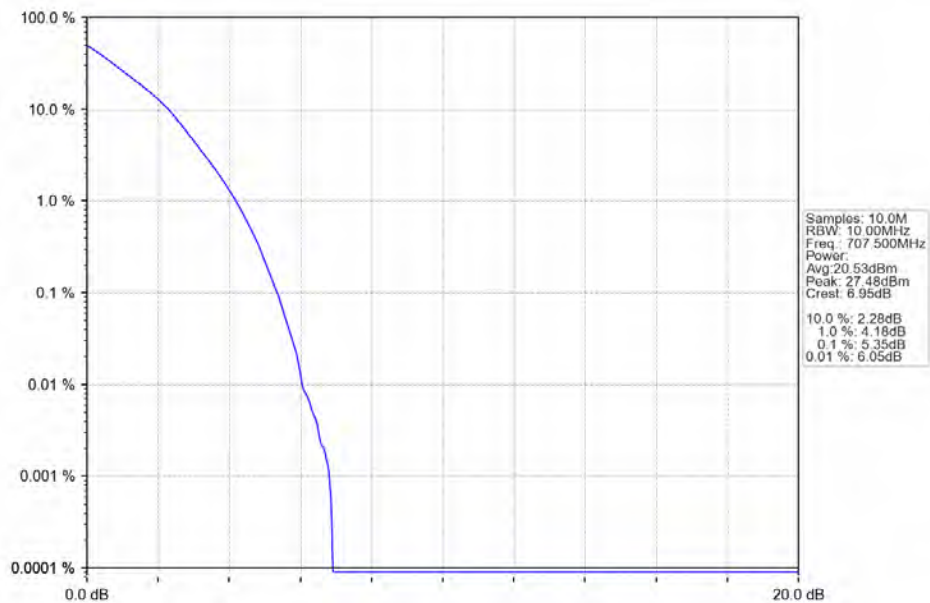
n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 711MHz Outer Full Ant1



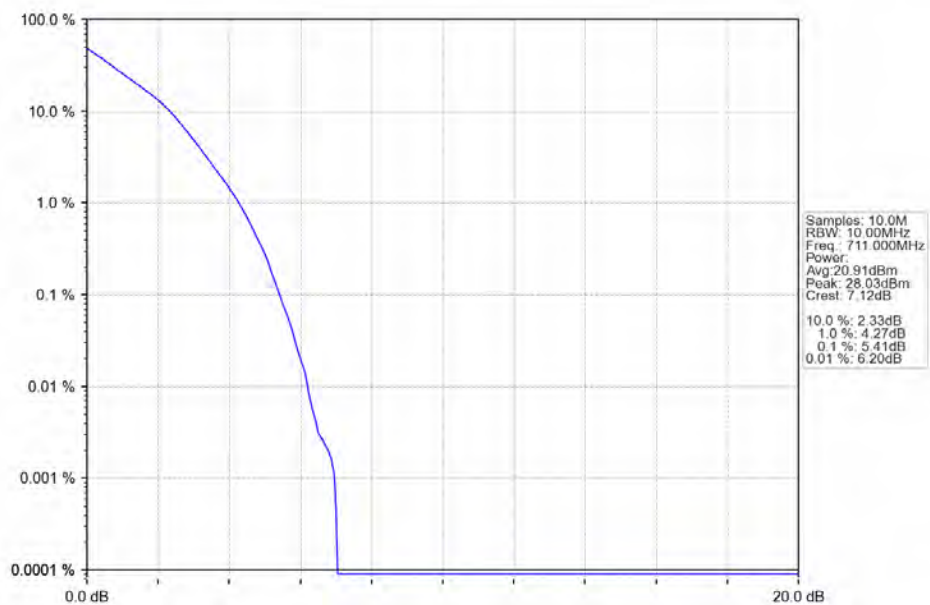
n12 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 704MHz Outer Full Ant1



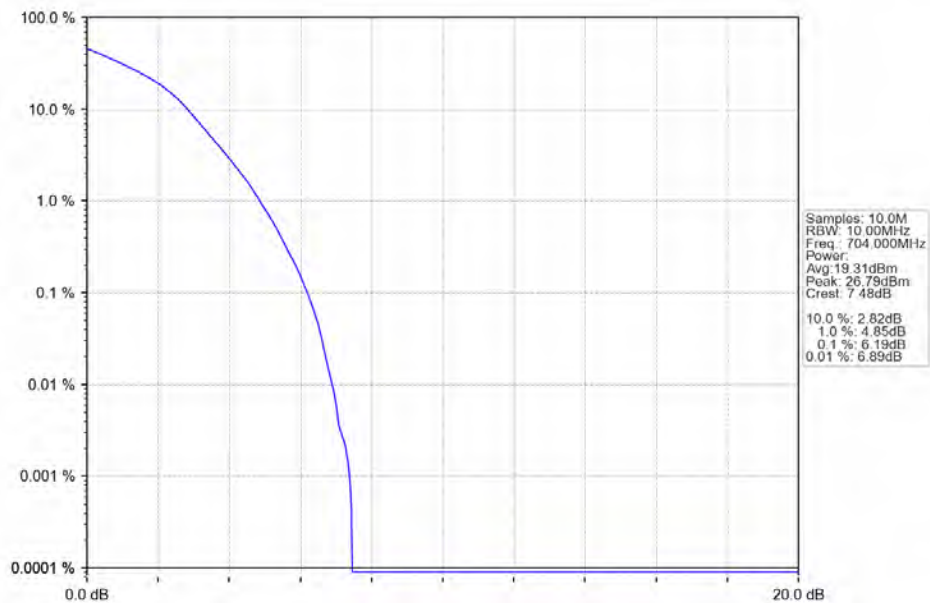
n12 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 707.5MHz Outer Full Ant1



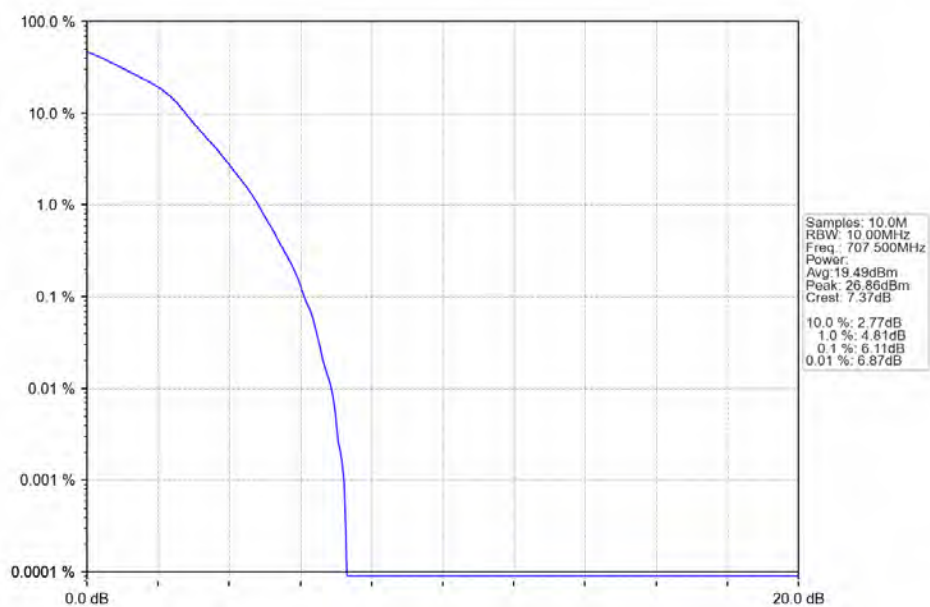
n12 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 711MHz Outer Full Ant1



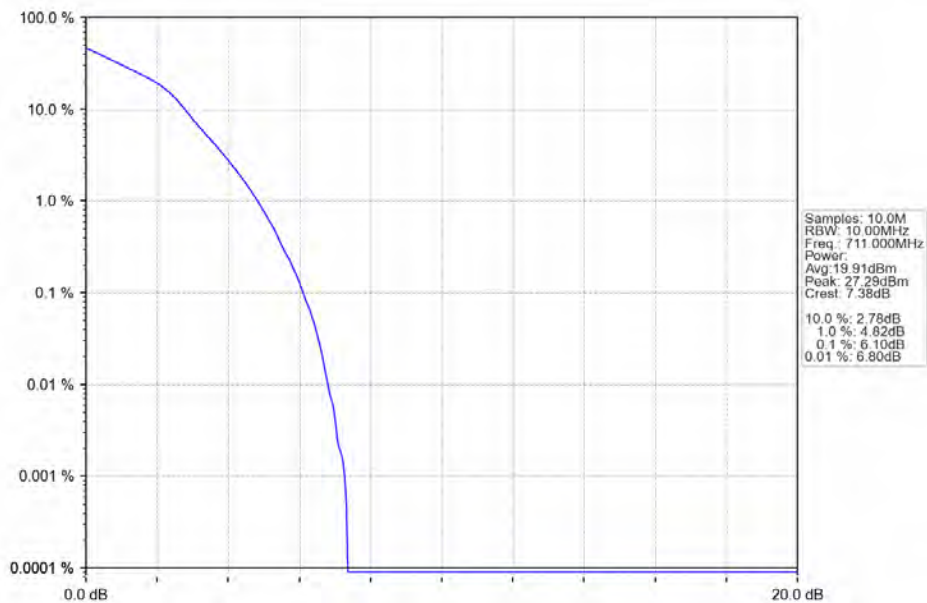
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 704MHz Outer Full Ant1



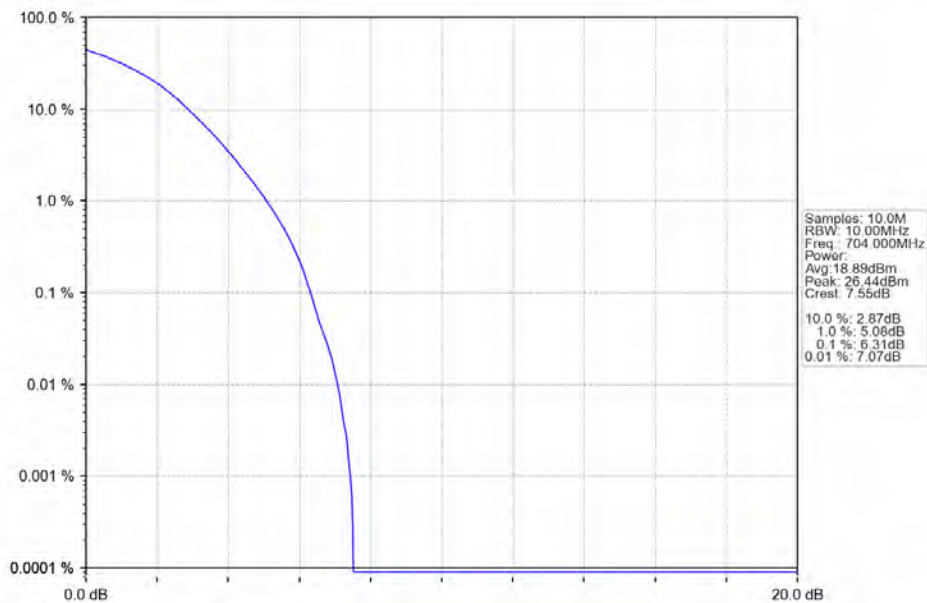
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 707.5MHz Outer Full Ant1



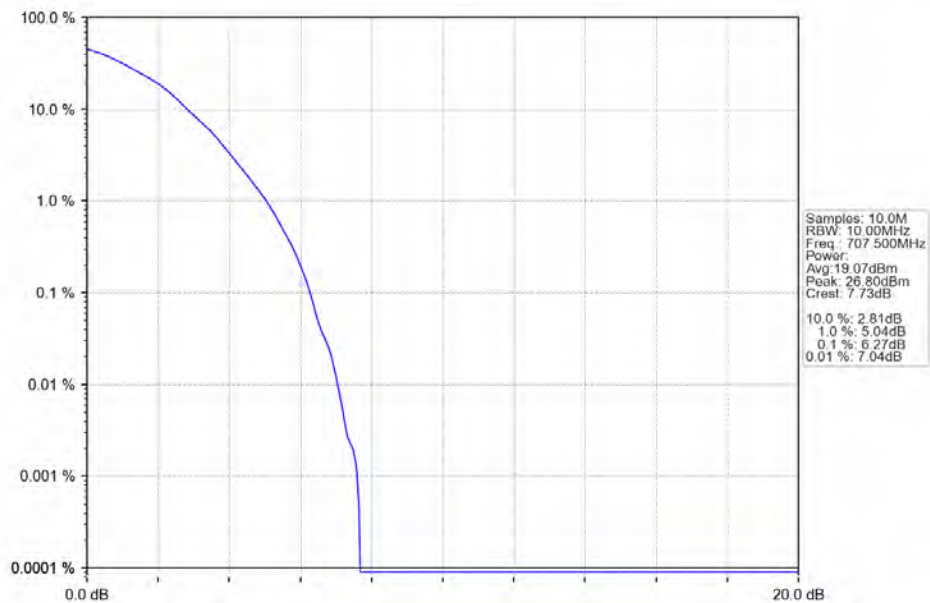
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 711MHz Outer Full Ant1



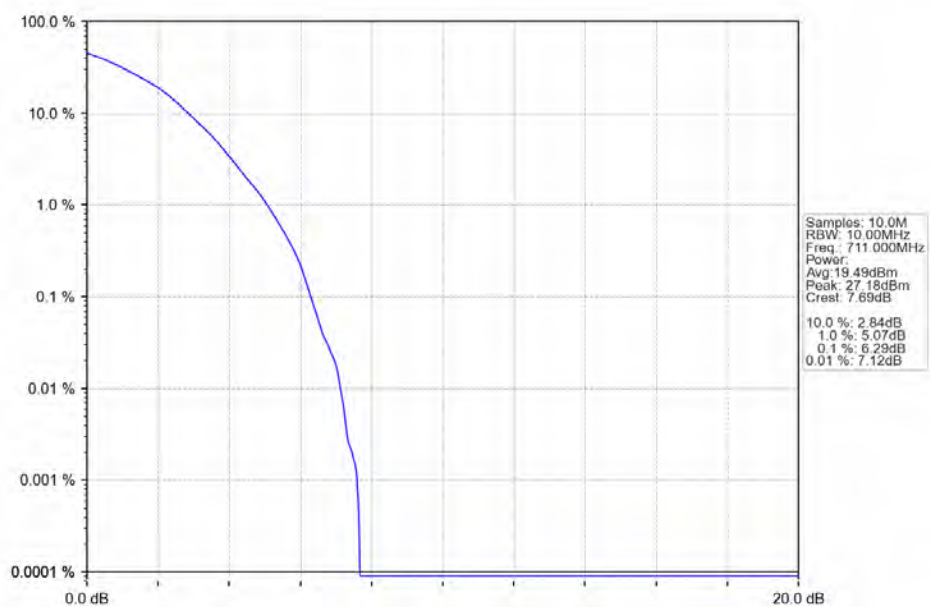
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 704MHz Outer Full Ant1



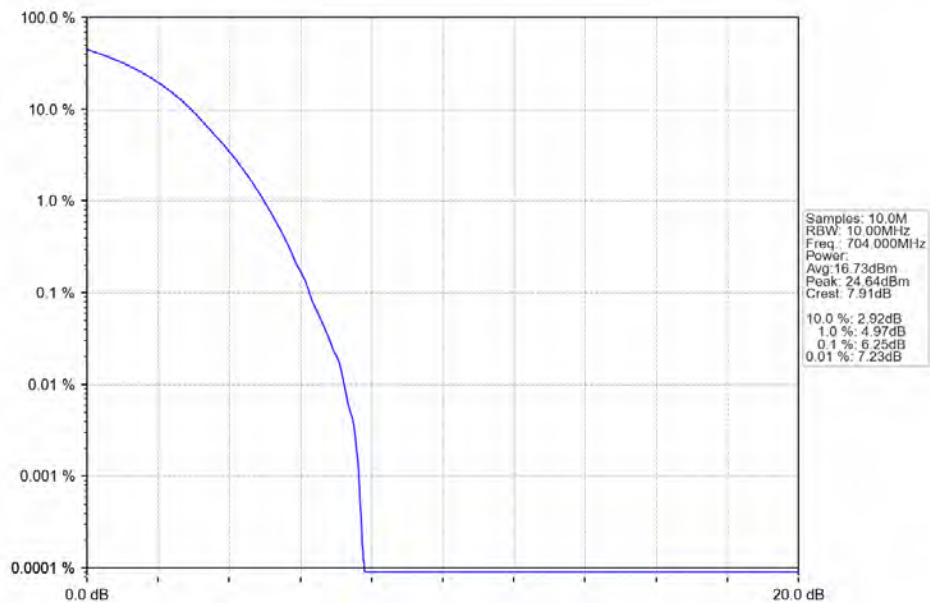
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 707.5MHz Outer Full Ant1



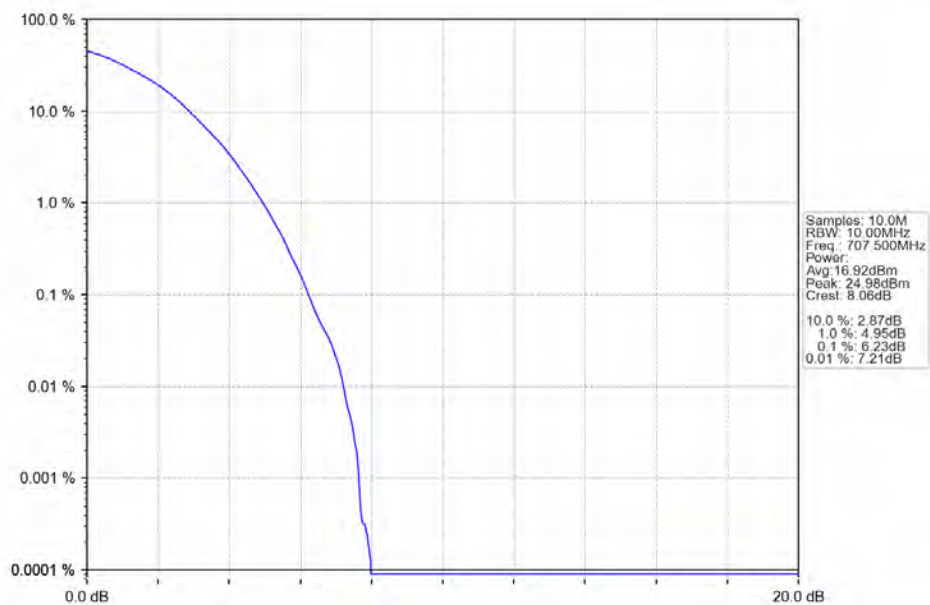
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 711MHz Outer Full Ant1



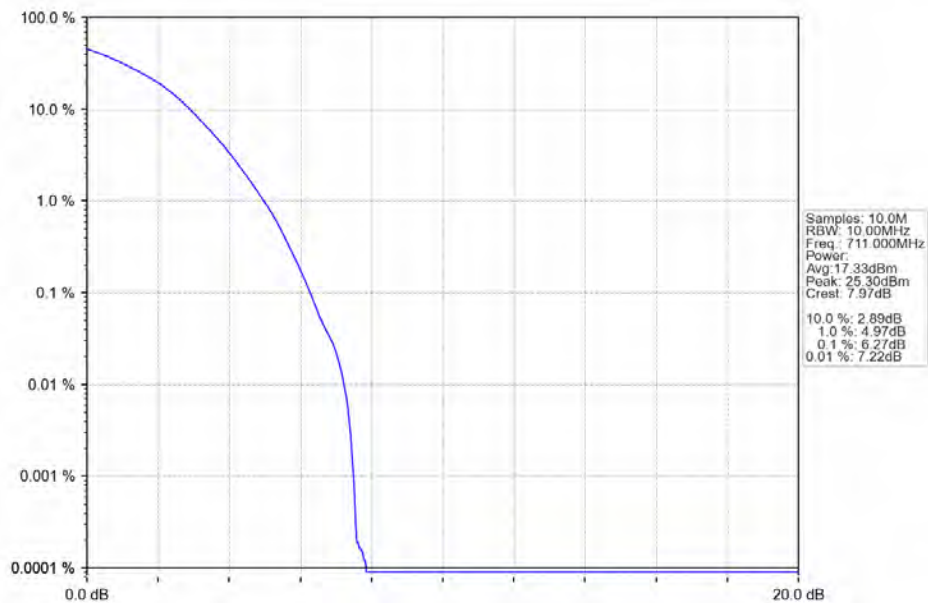
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 704MHz Outer Full Ant1



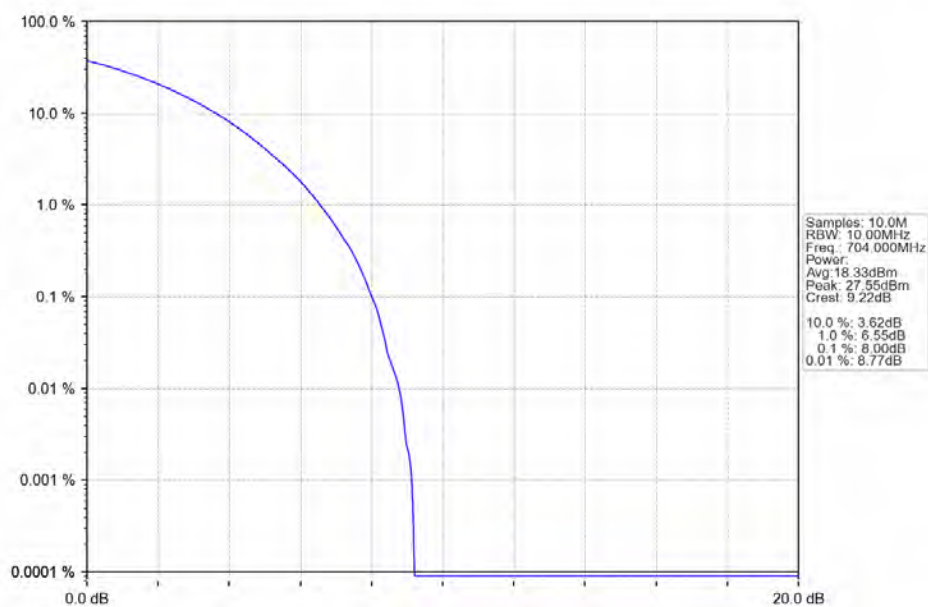
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 707.5MHz Outer Full Ant1



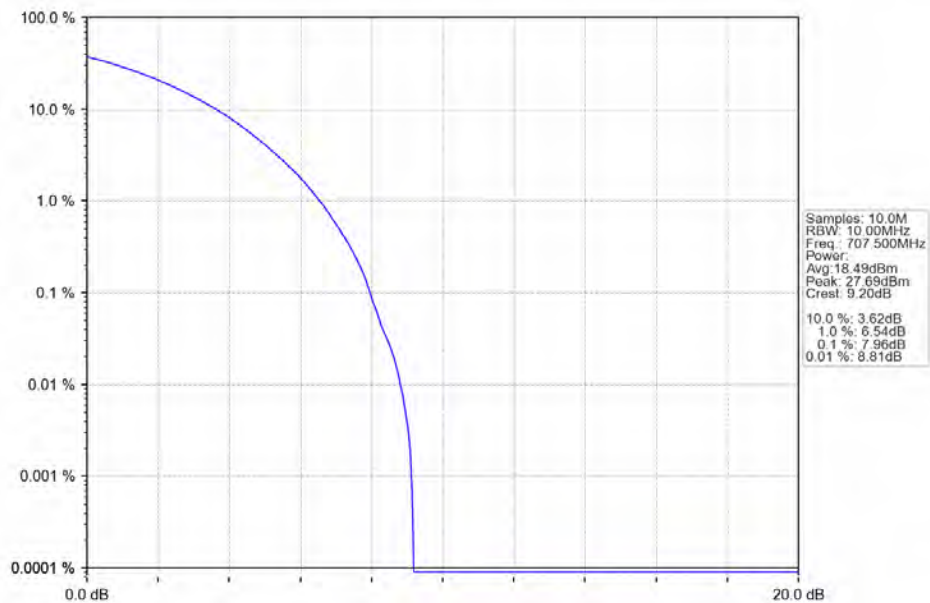
n12 15kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 711MHz Outer Full Ant1



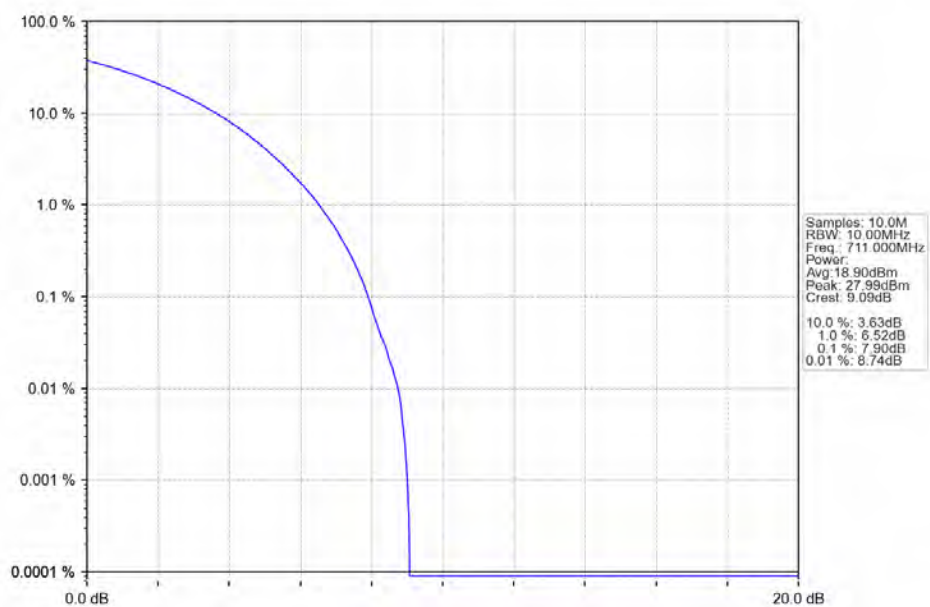
n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 704MHz Outer Full Ant1



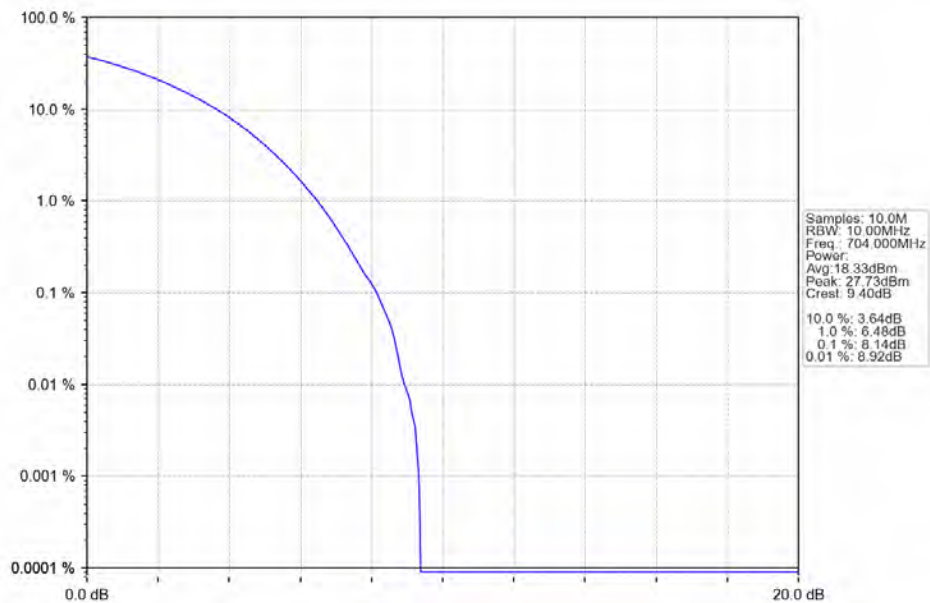
n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 707.5MHz Outer Full Ant1



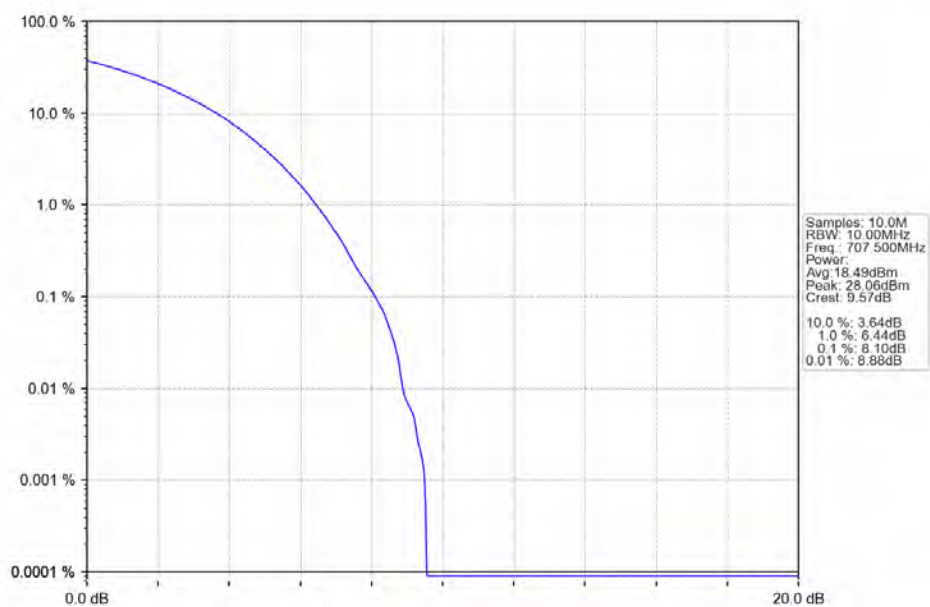
n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 711MHz Outer Full Ant1



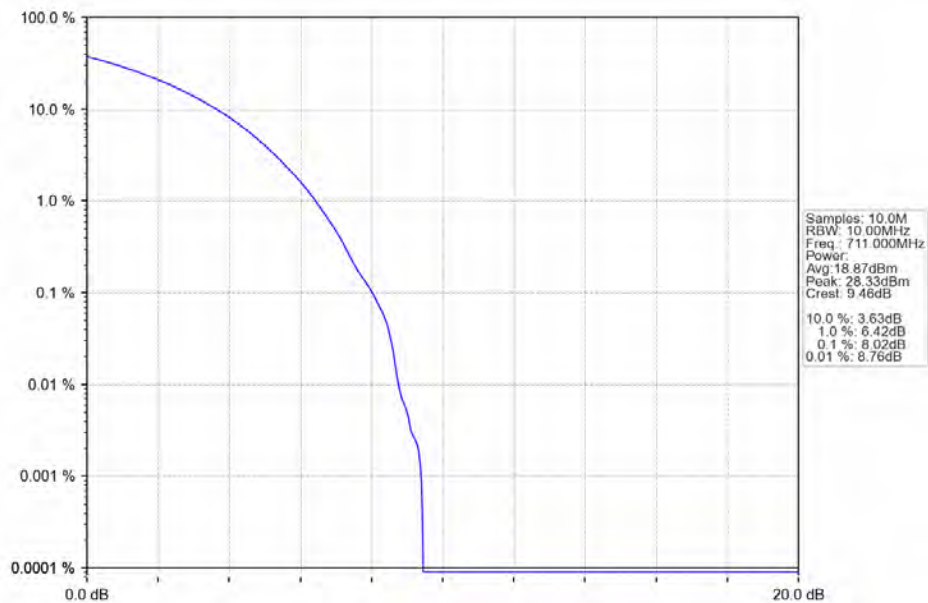
n12 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 704MHz Outer Full Ant1



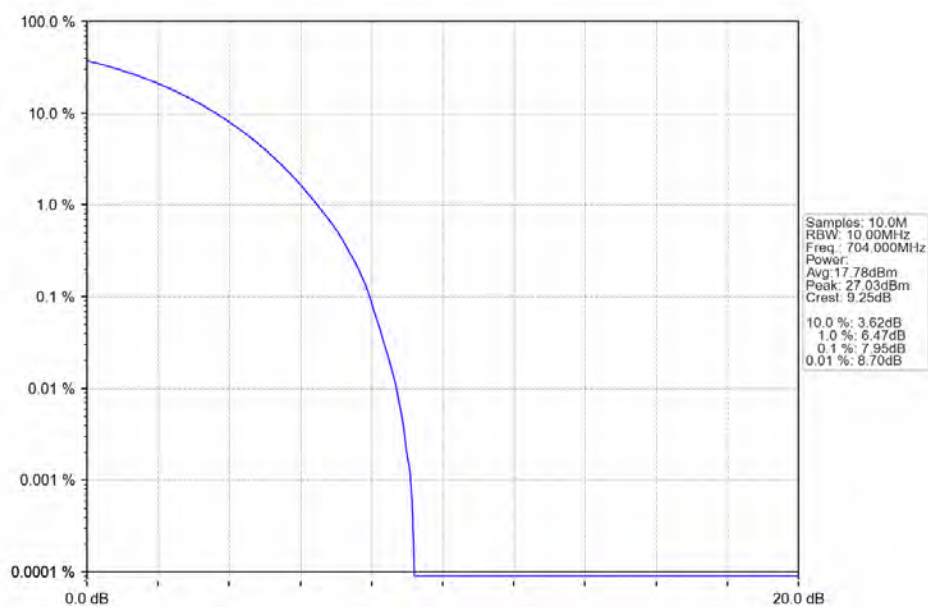
n12 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 707.5MHz Outer Full Ant1



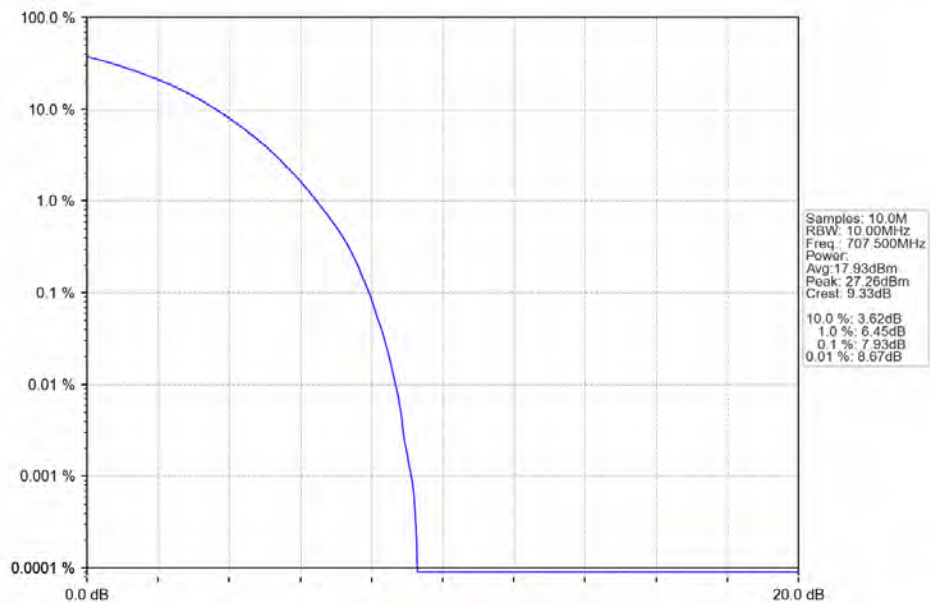
n12 15kHz SISO NTN 10MHz CP-OFDM 16 QAM 711MHz Outer Full Ant1



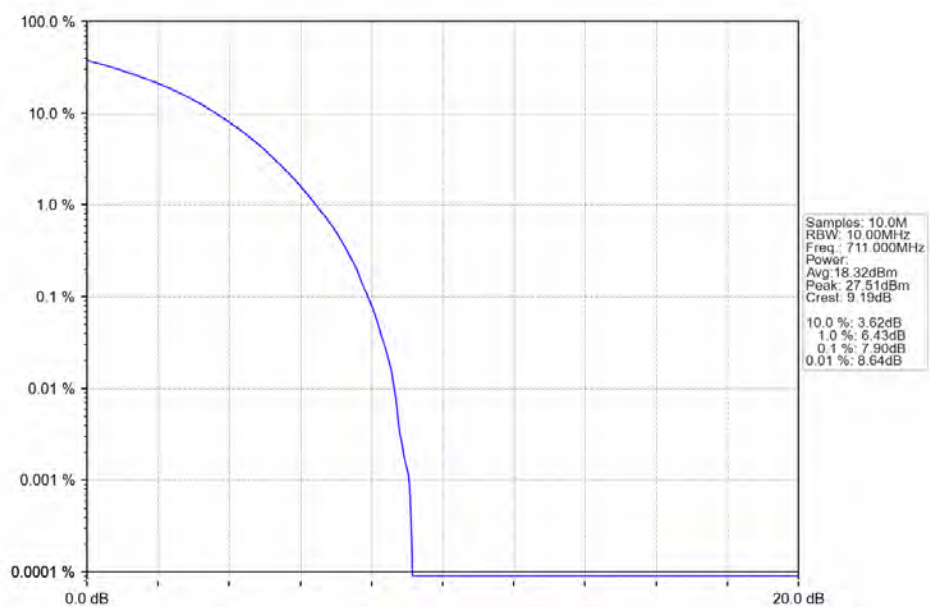
n12 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 704MHz Outer Full Ant1



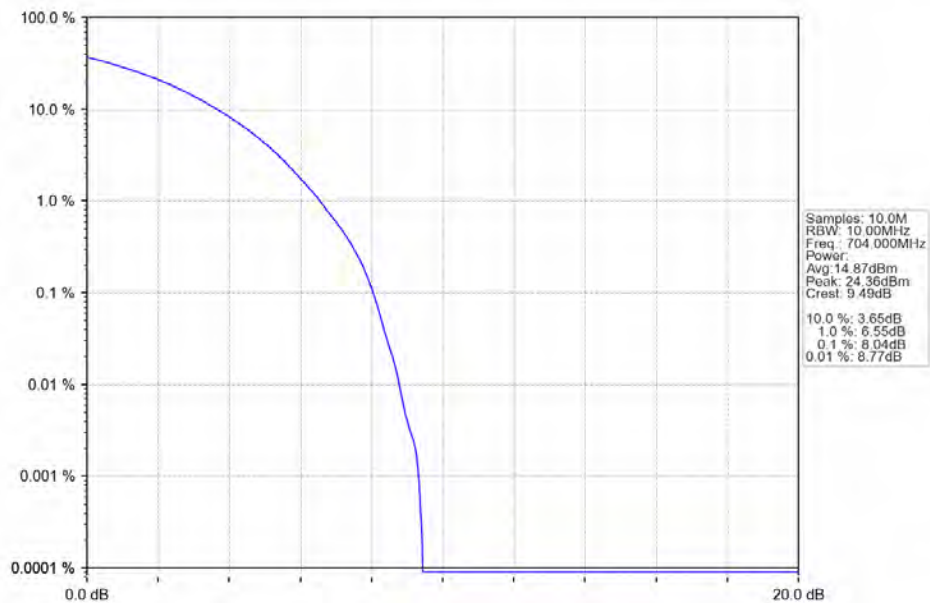
n12 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 707.5MHz Outer Full Ant1



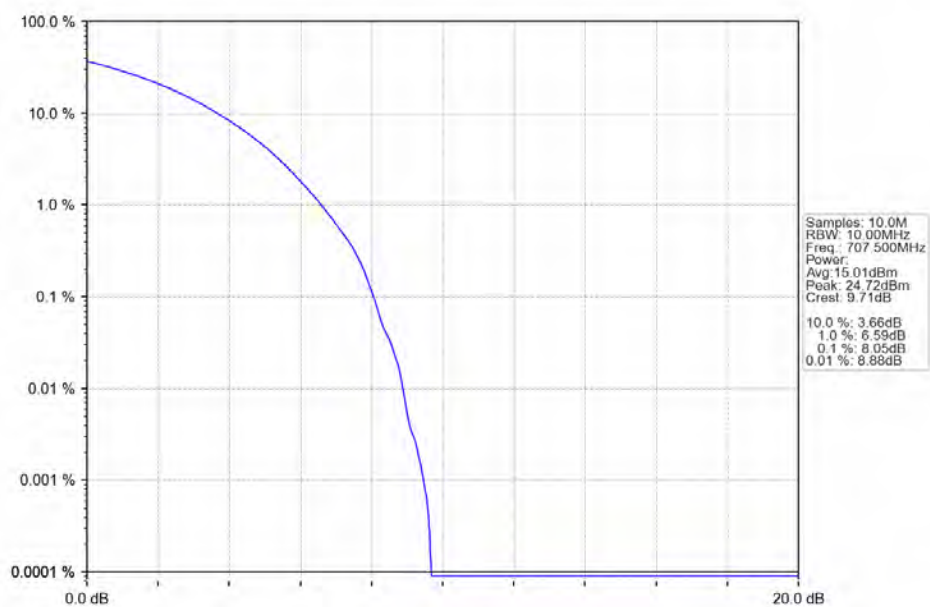
n12 15kHz SISO NTN 10MHz CP-OFDM 64 QAM 711MHz Outer Full Ant1



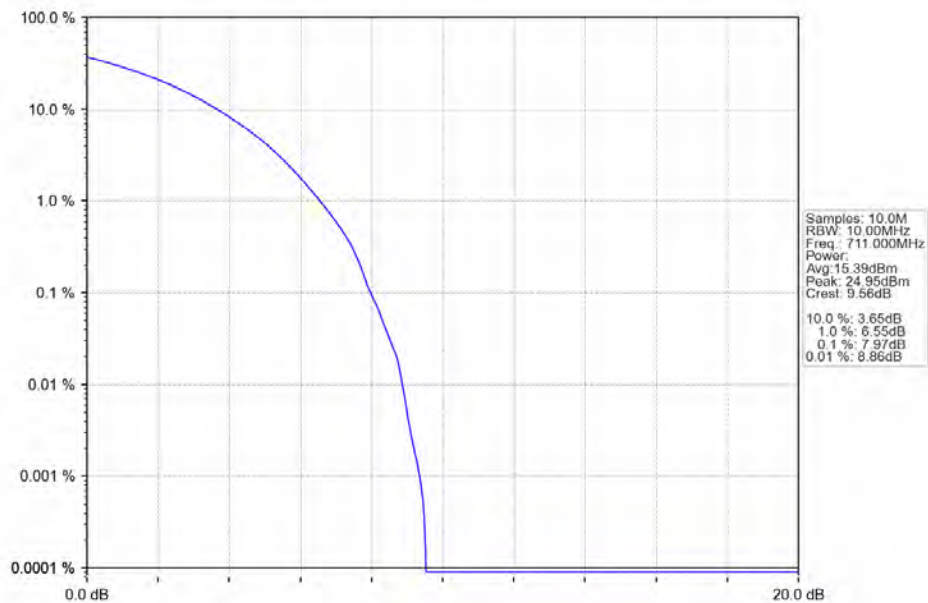
n12 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 704MHz Outer Full Ant1



n12 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 707.5MHz Outer Full Ant1

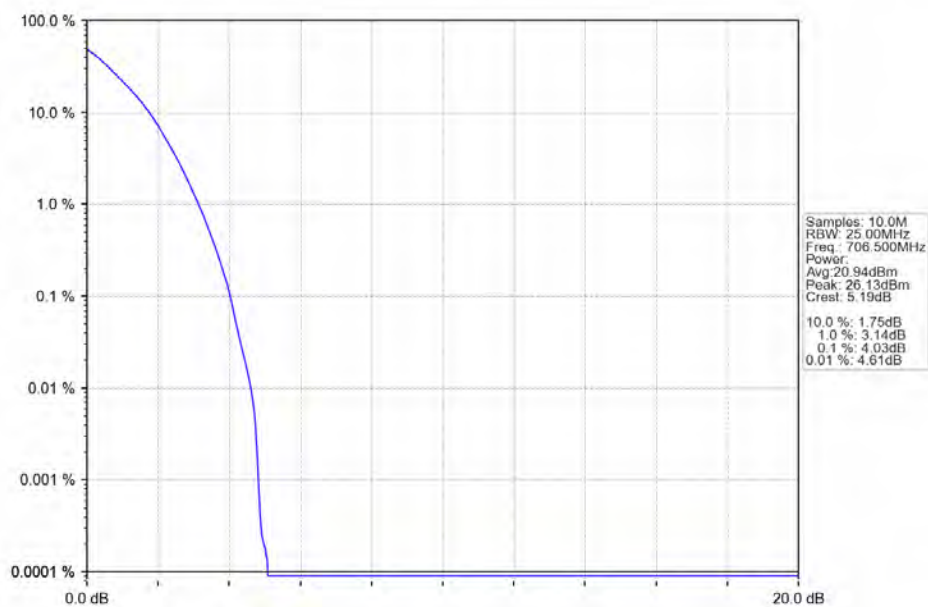


n12 15kHz SISO NTN 10MHz CP-OFDM 256 QAM 711MHz Outer Full Ant1

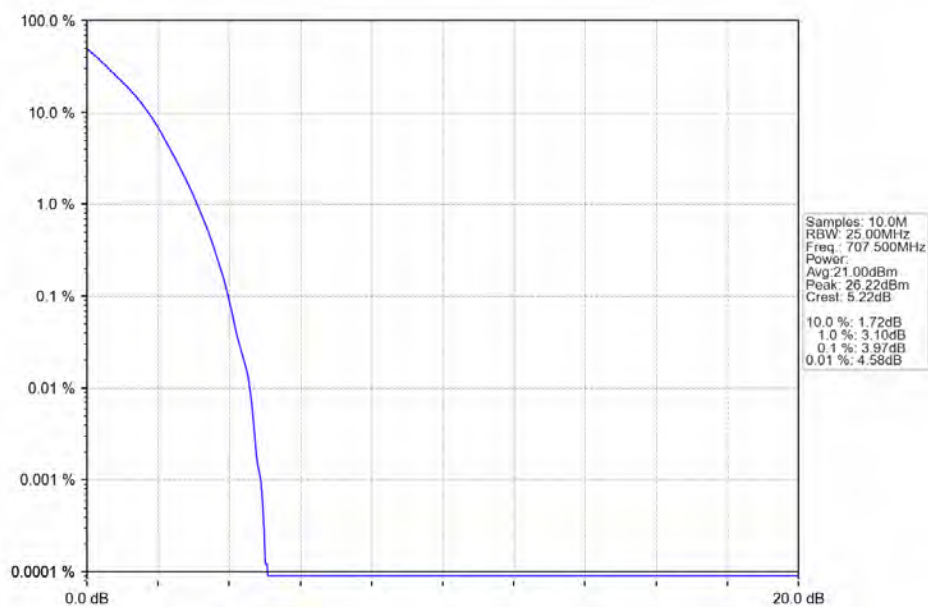


4.2.3 15k_SISO_15MHz_NTNV

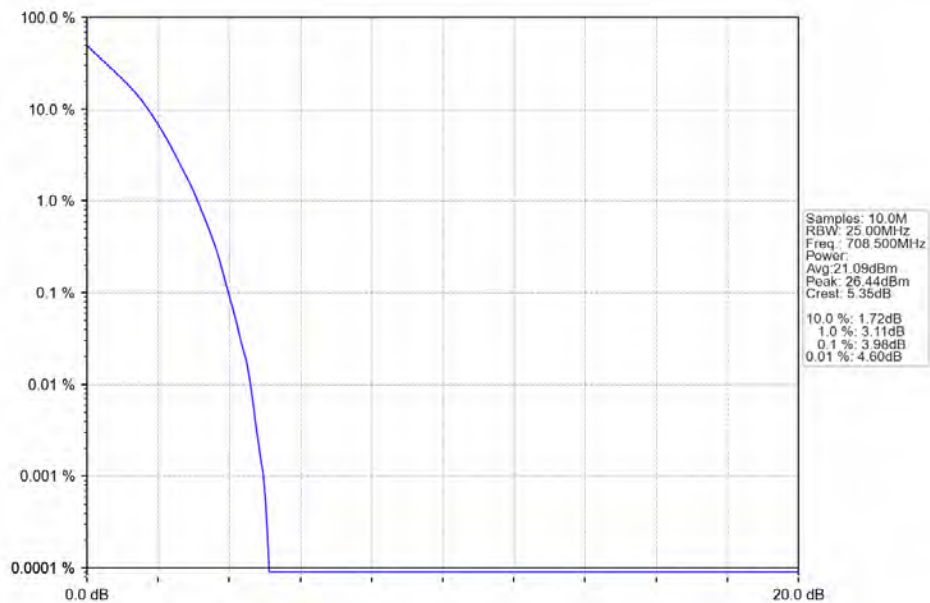
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_706.5MHz_Outer_Full_Ant1



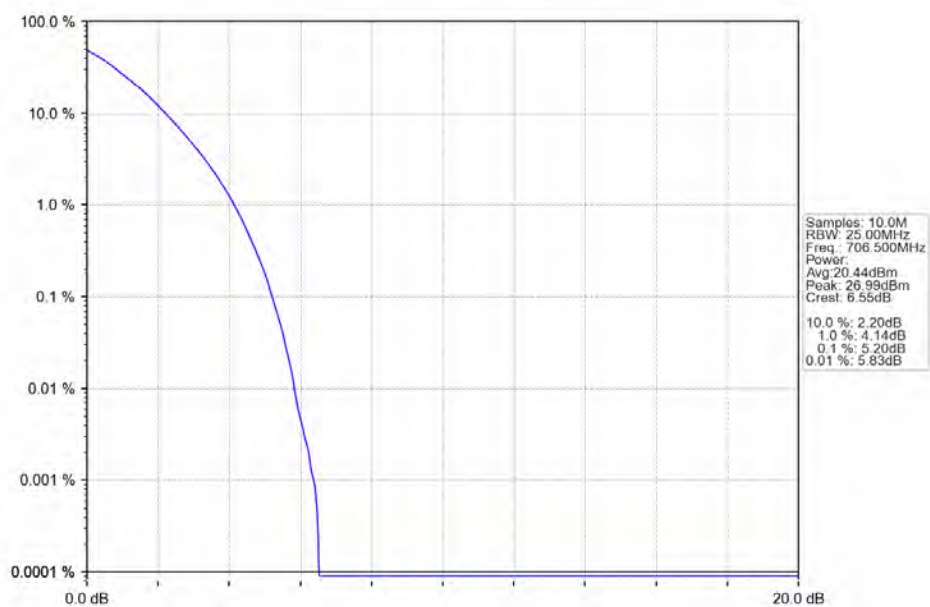
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Outer_Full_Ant1



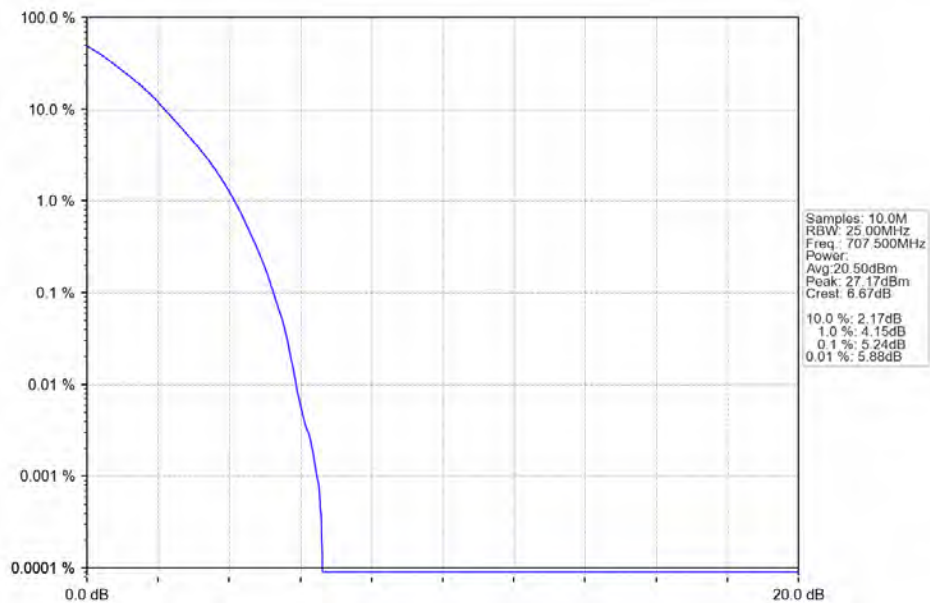
n12 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 708.5MHz Outer Full Ant1



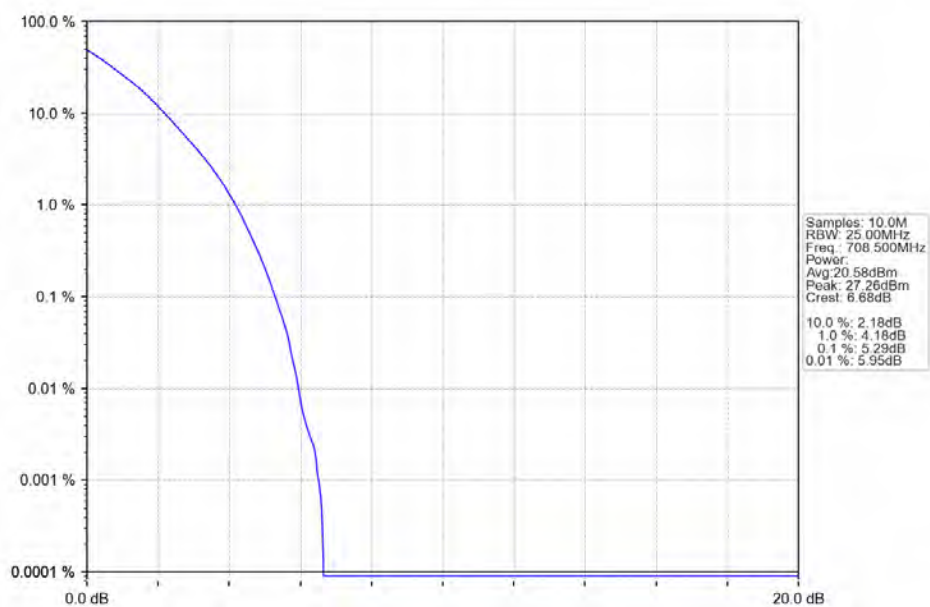
n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 706.5MHz Outer Full Ant1



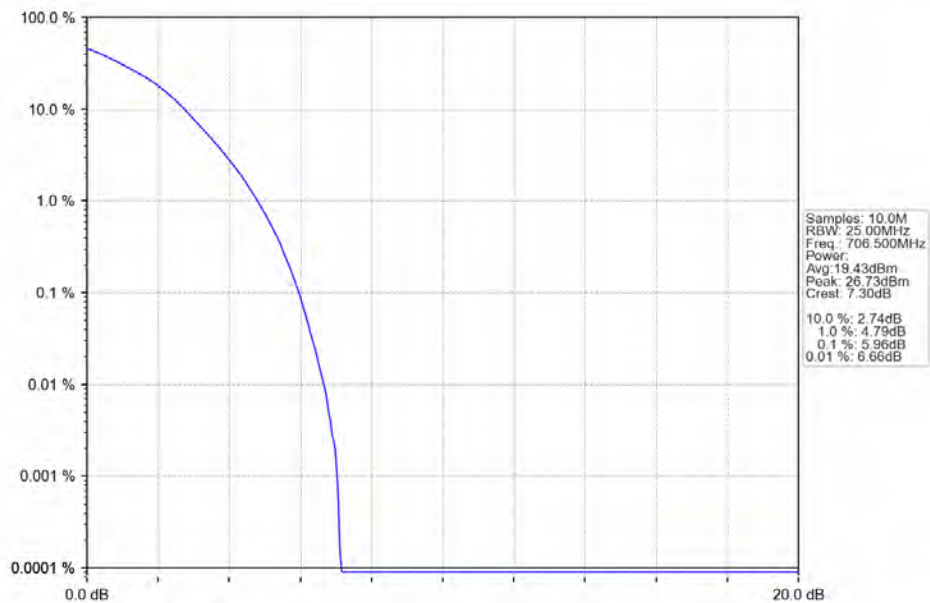
n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 707.5MHz Outer Full Ant1



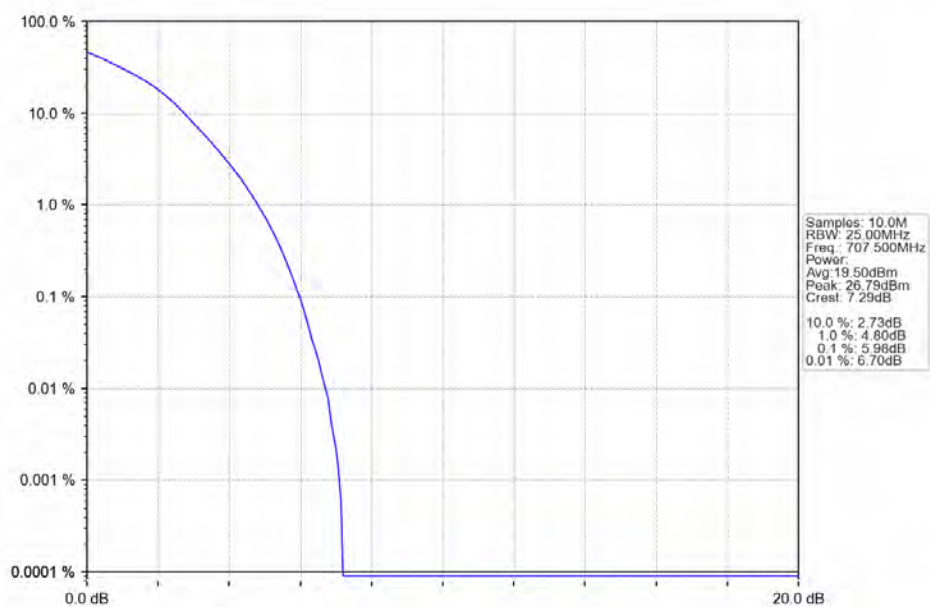
n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 708.5MHz Outer Full Ant1



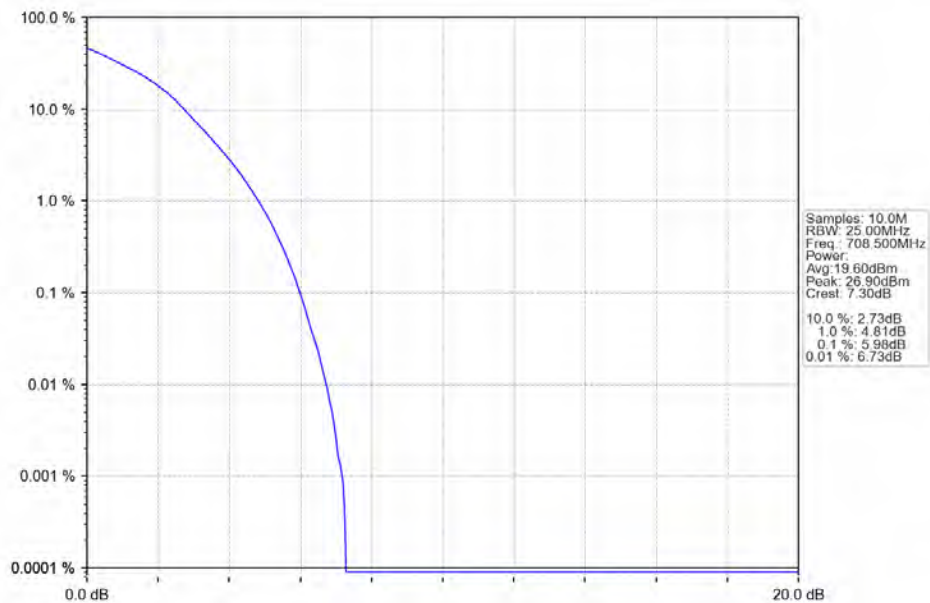
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 706.5MHz Outer Full Ant1



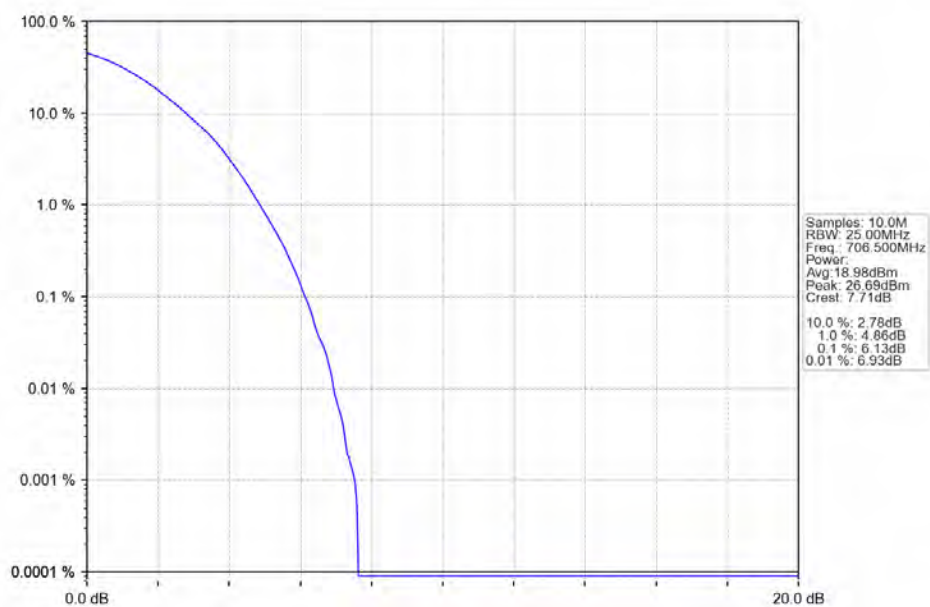
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 707.5MHz Outer Full Ant1



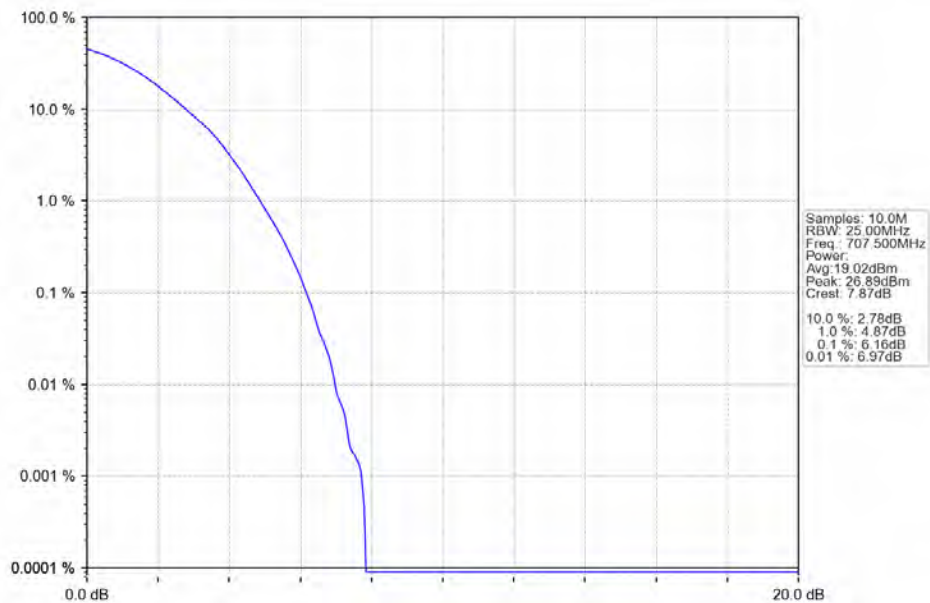
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 16 QAM 708.5MHz Outer Full Ant1



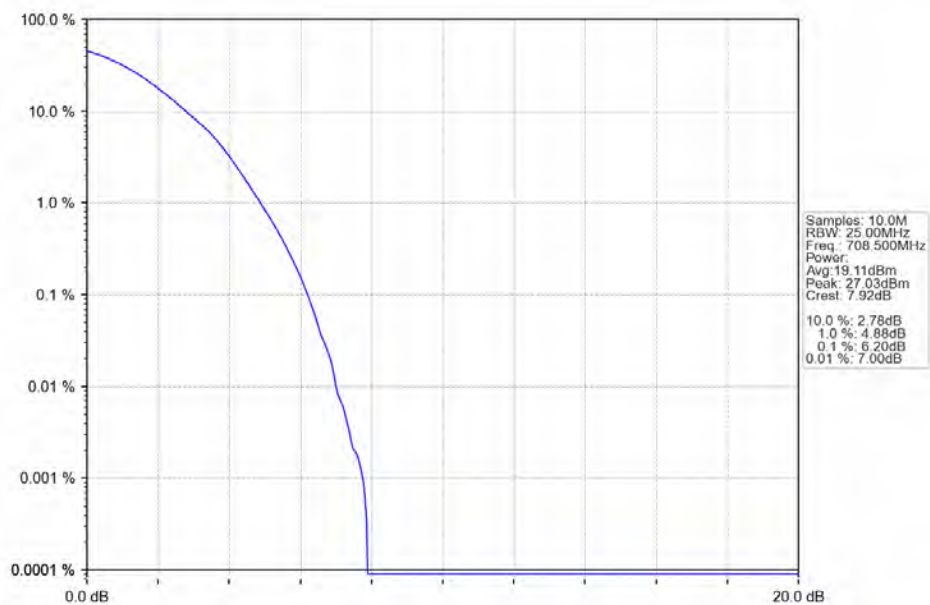
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 706.5MHz Outer Full Ant1



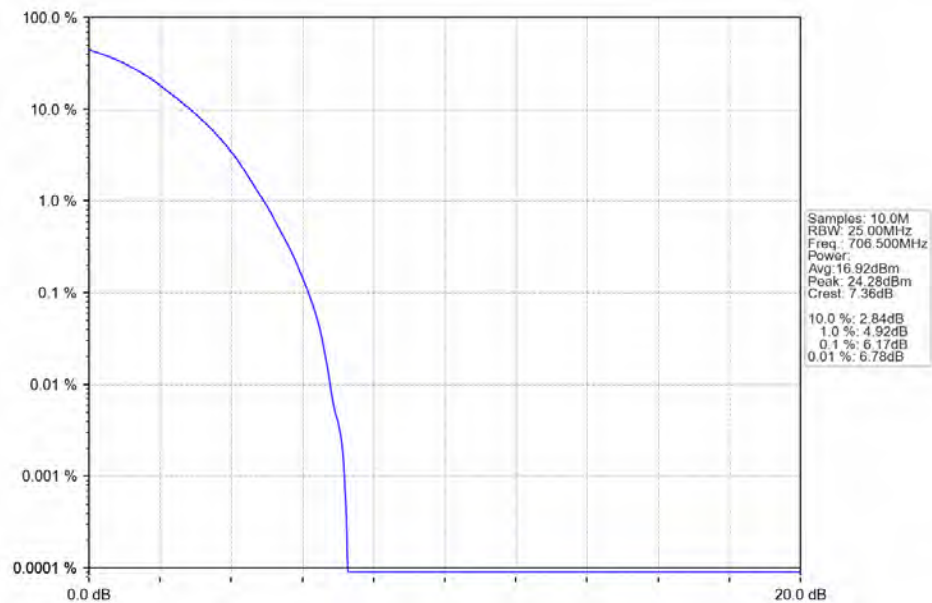
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 707.5MHz Outer Full Ant1



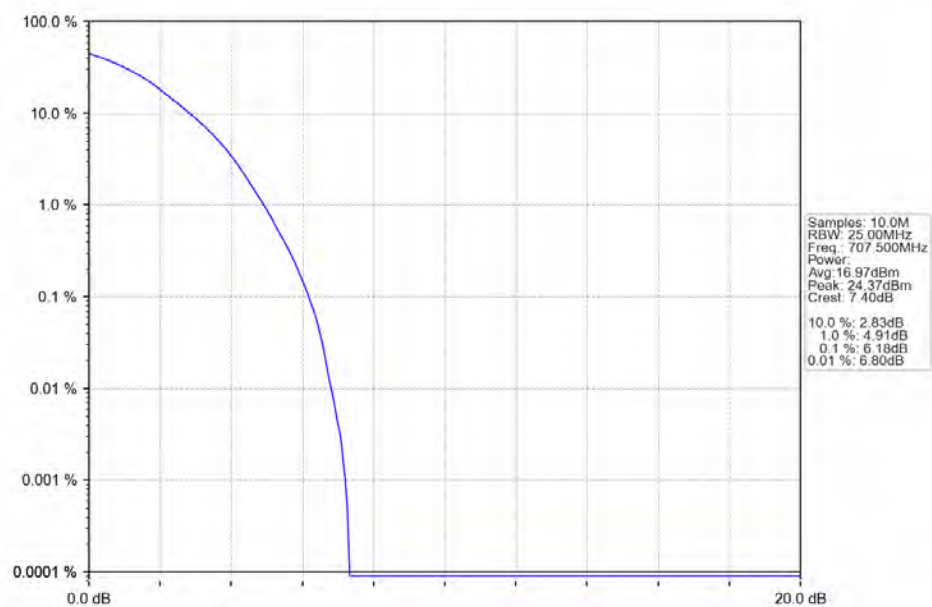
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 64 QAM 708.5MHz Outer Full Ant1



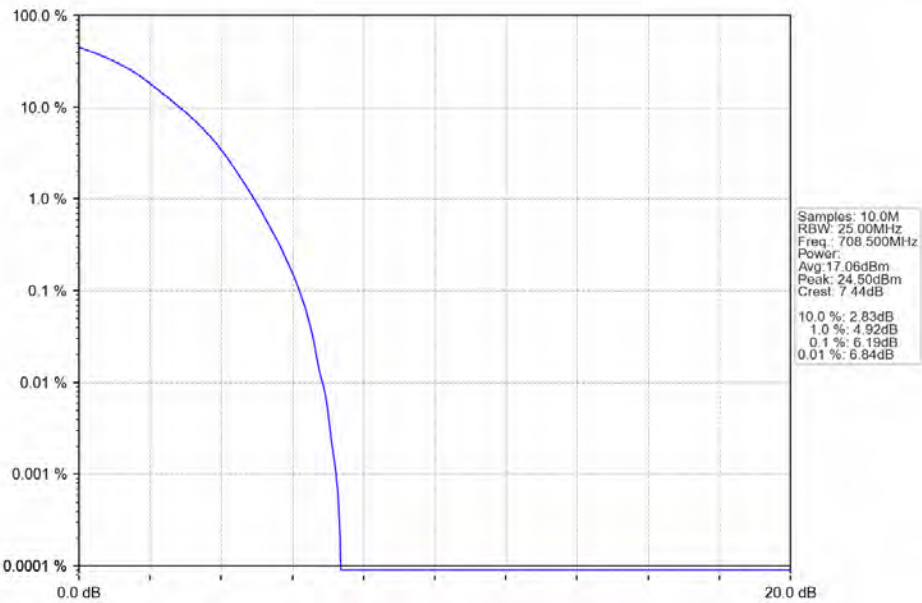
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 706.5MHz Outer Full Ant1



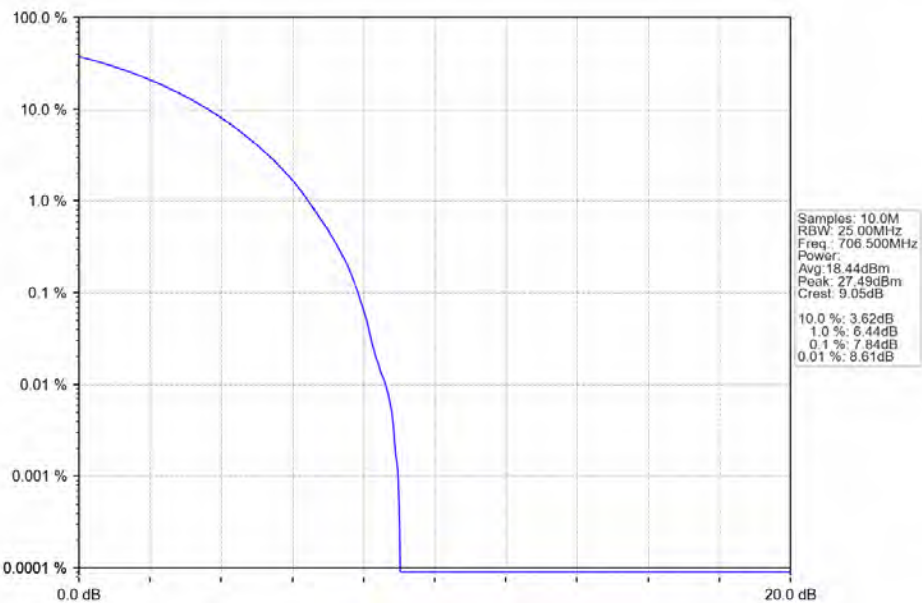
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 707.5MHz Outer Full Ant1



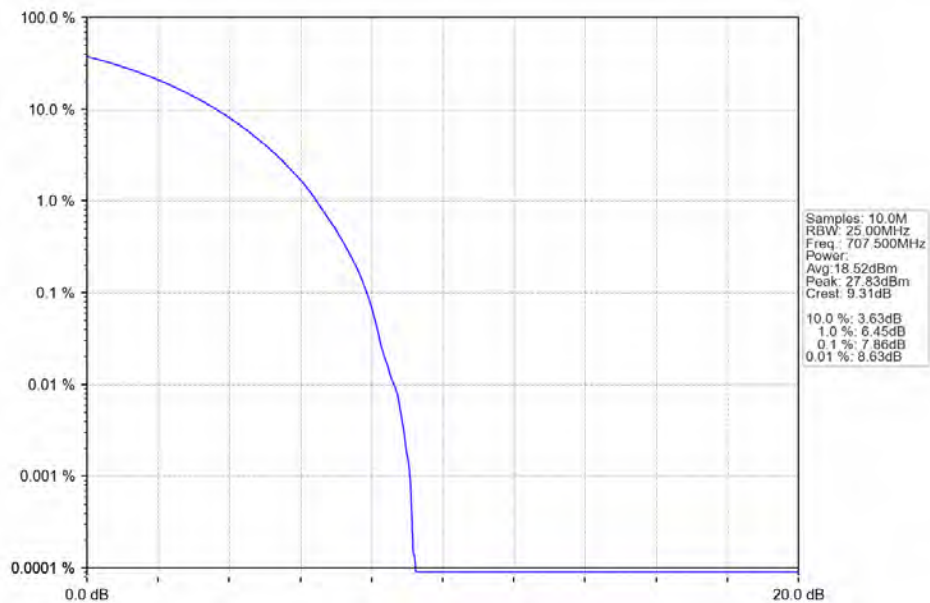
n12 15kHz SISO NTN 15MHz DFT-s-OFDM 256 QAM 708.5MHz Outer Full Ant1



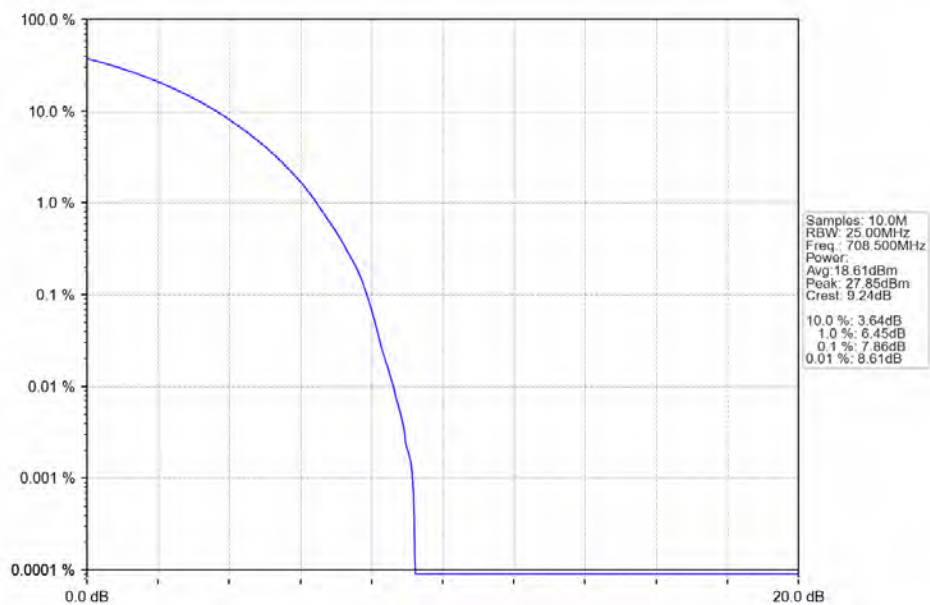
n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 706.5MHz Outer Full Ant1



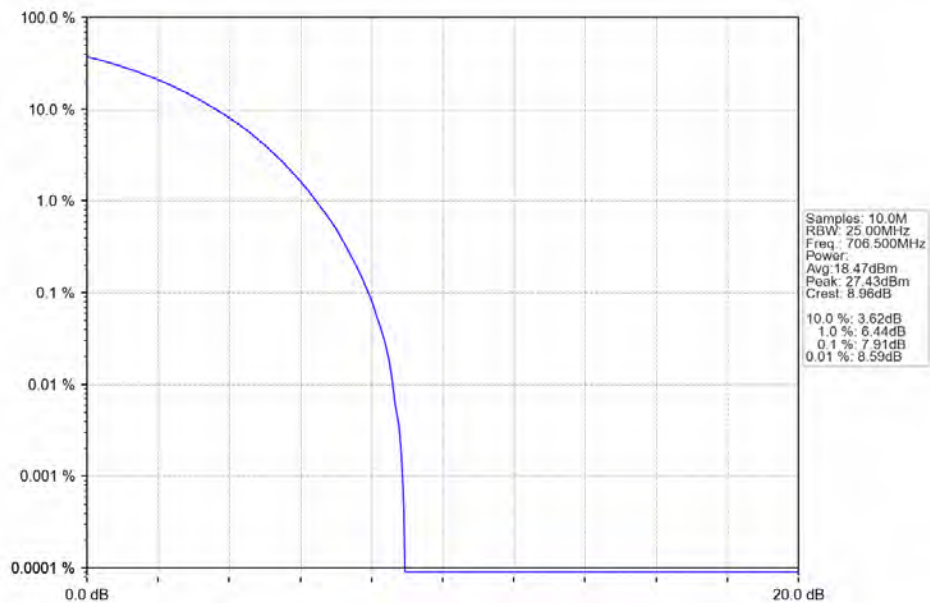
n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 707.5MHz Outer Full Ant1



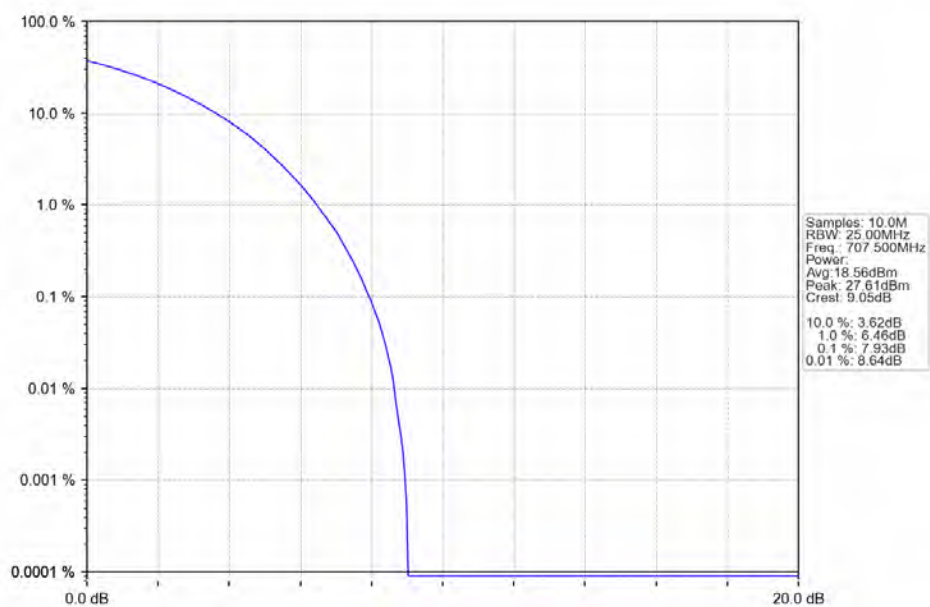
n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 708.5MHz Outer Full Ant1



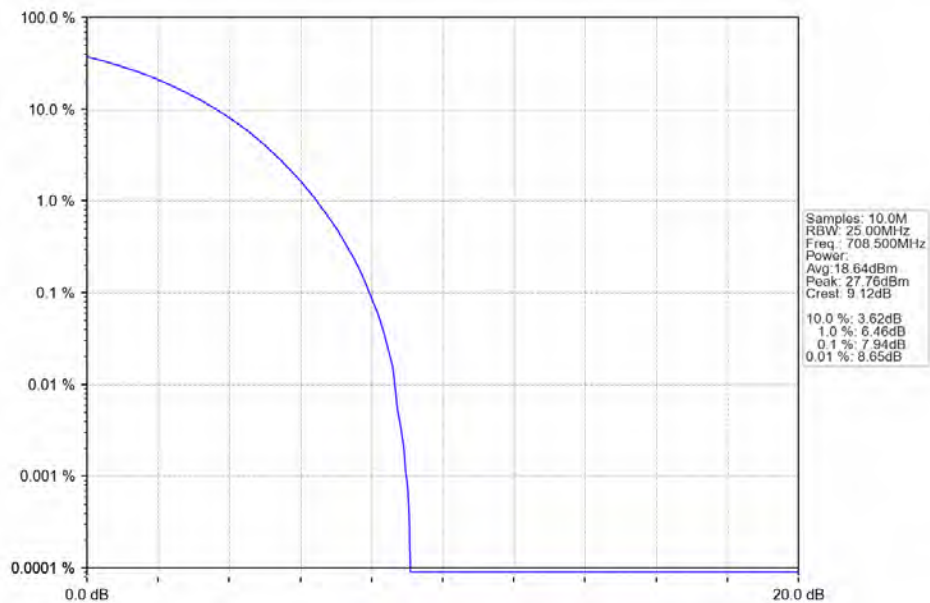
n12 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 706.5MHz Outer Full Ant1



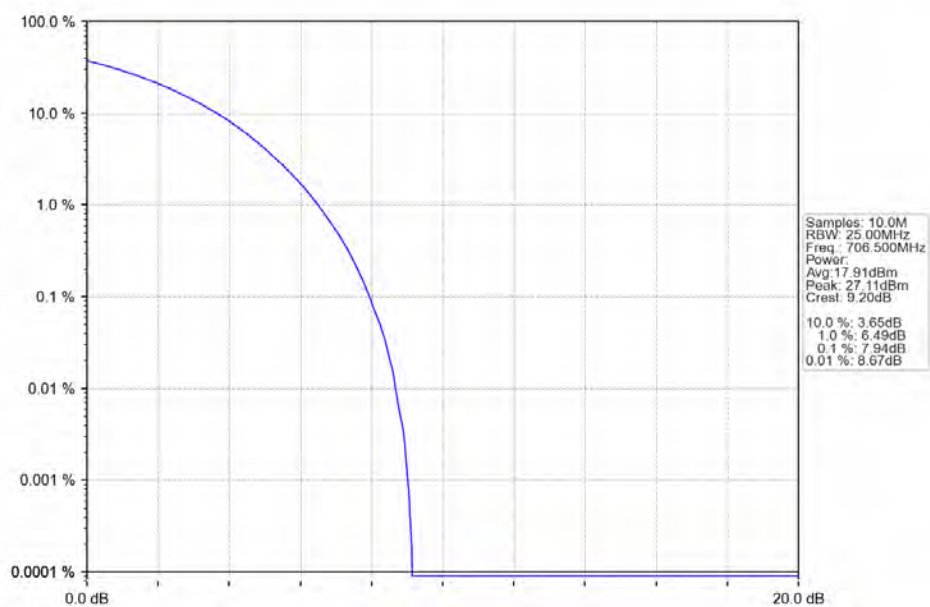
n12 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 707.5MHz Outer Full Ant1



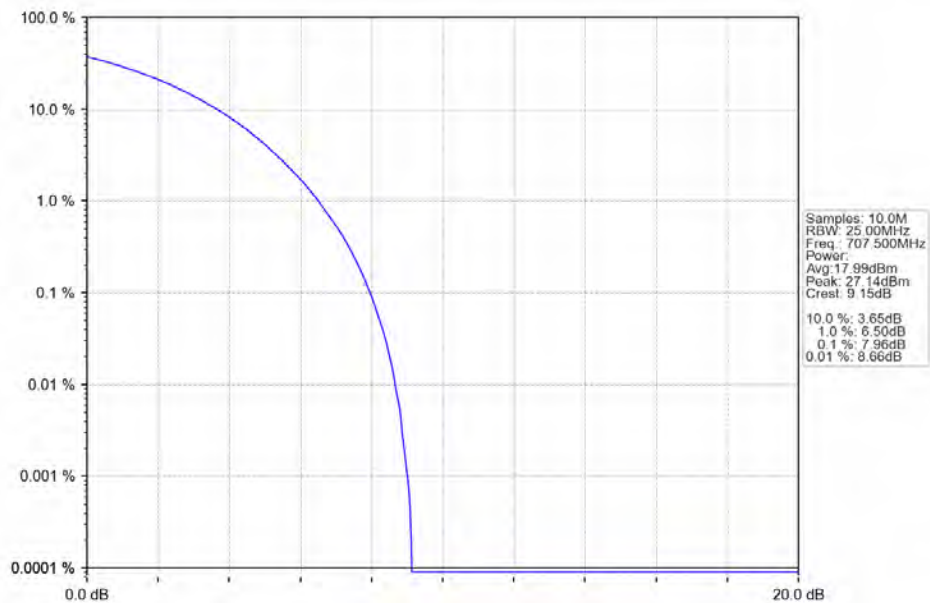
n12 15kHz SISO NTN 15MHz CP-OFDM 16 QAM 708.5MHz Outer Full Ant1



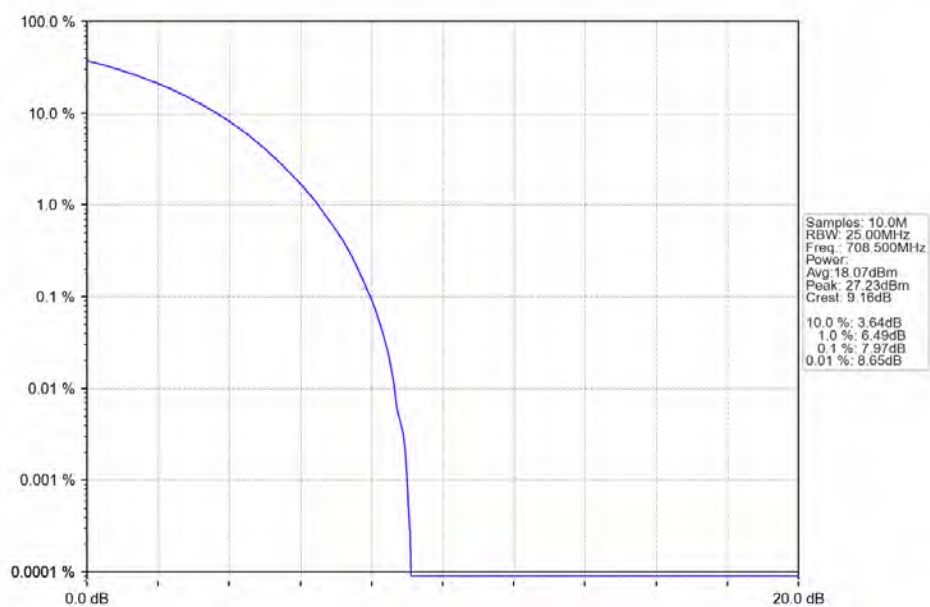
n12 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 706.5MHz Outer Full Ant1



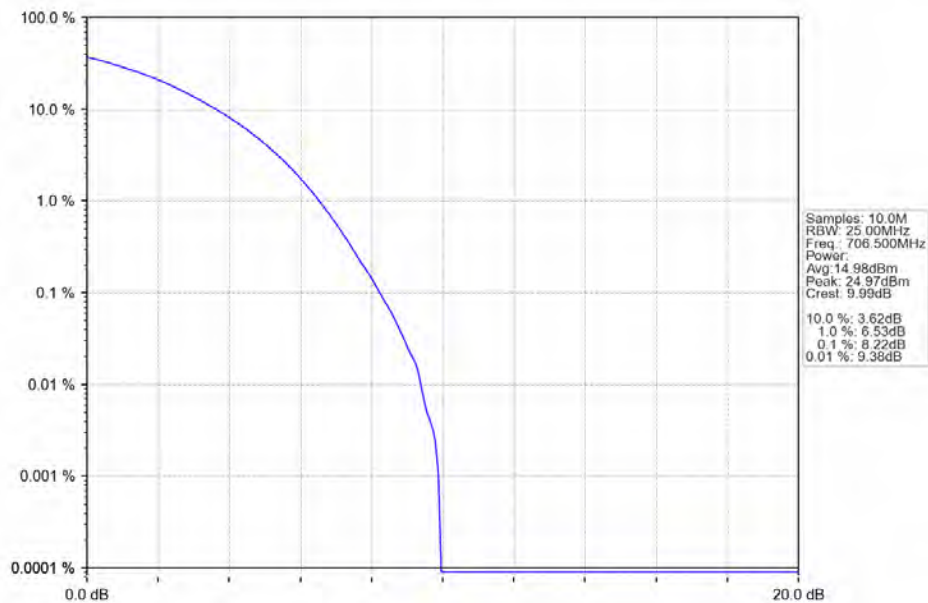
n12 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 707.5MHz Outer Full Ant1



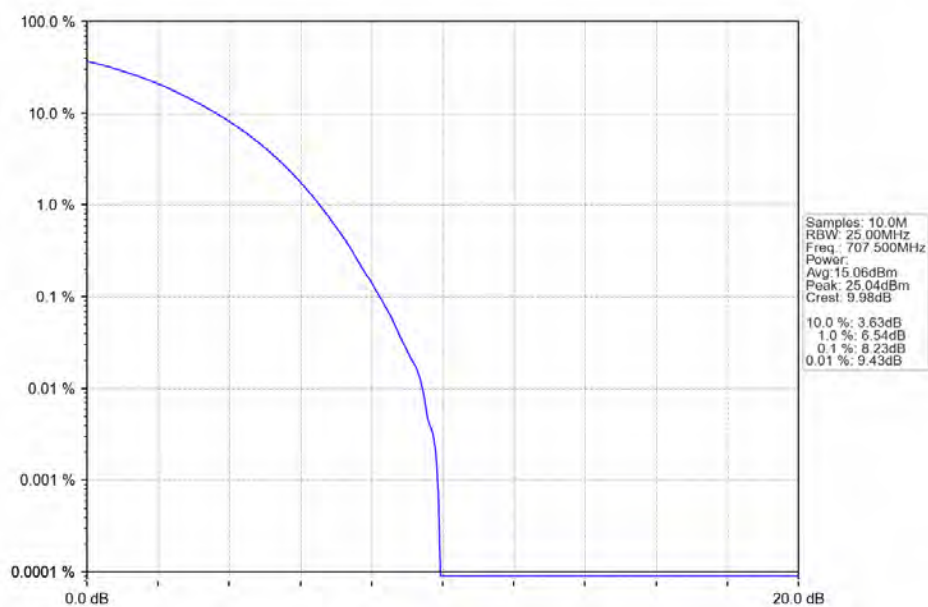
n12 15kHz SISO NTN 15MHz CP-OFDM 64 QAM 708.5MHz Outer Full Ant1



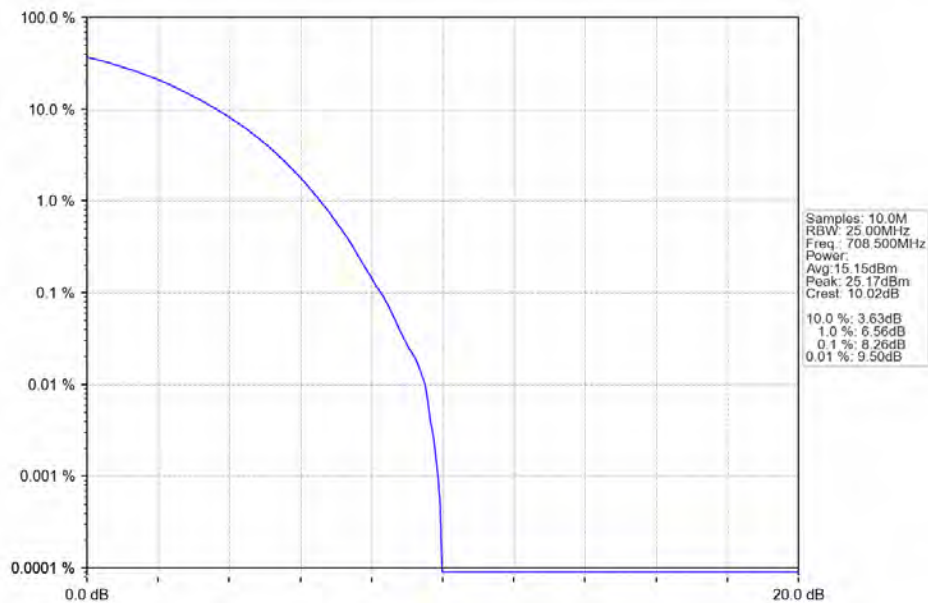
n12 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 706.5MHz Outer Full Ant1



n12 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 707.5MHz Outer Full Ant1



n12 15kHz SISO NTN 15MHz CP-OFDM 256 QAM 708.5MHz Outer Full Ant1



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n12 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	701.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	701.5	Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Inner_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	713.5	Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
	701.5	Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass
707.5	Edge_1RB_Left	Refer To Test Graph				Pass	
	Edge_1RB_Right	Refer To Test Graph				Pass	
	Outer_Full	Refer To Test Graph				Pass	
713.5	Inner_1RB_Right	Refer To Test Graph				Pass	

5.1.2 15k_SISO_10MHz_NTNV

5G NR n12 SCS=15kHz SISO 10MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	704	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		711	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	704		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		711	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	704		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	707.5	Inner_1RB_Left	Refer To Test Graph				Pass	
		711	Edge_1RB_Left	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass

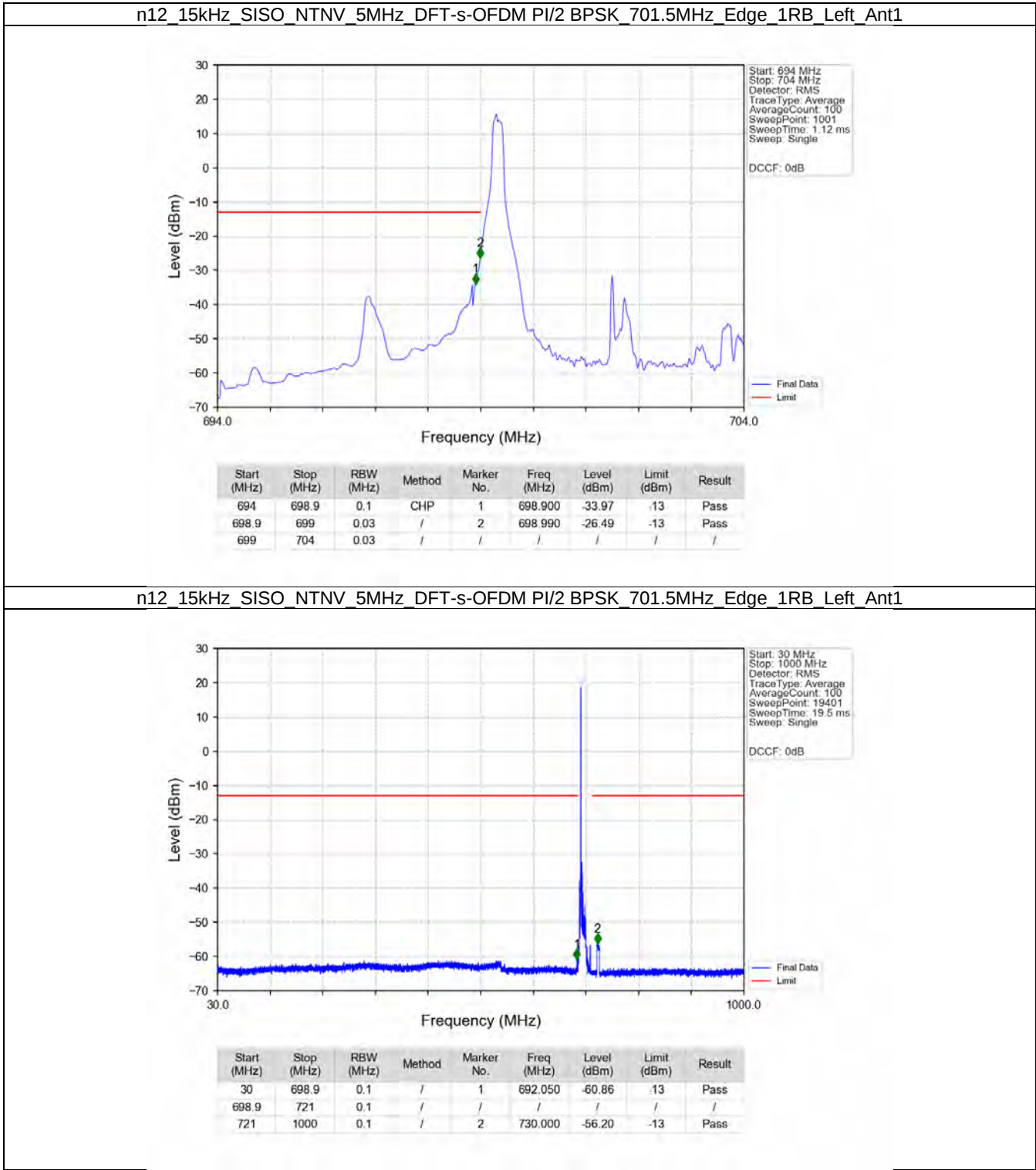
	711	Edge 1RB Right	Refer To Test Graph	Pass
		Outer Full	Refer To Test Graph	Pass
		Inner 1RB Right	Refer To Test Graph	Pass

5.1.3 15k_SISO_15MHz_NTNV

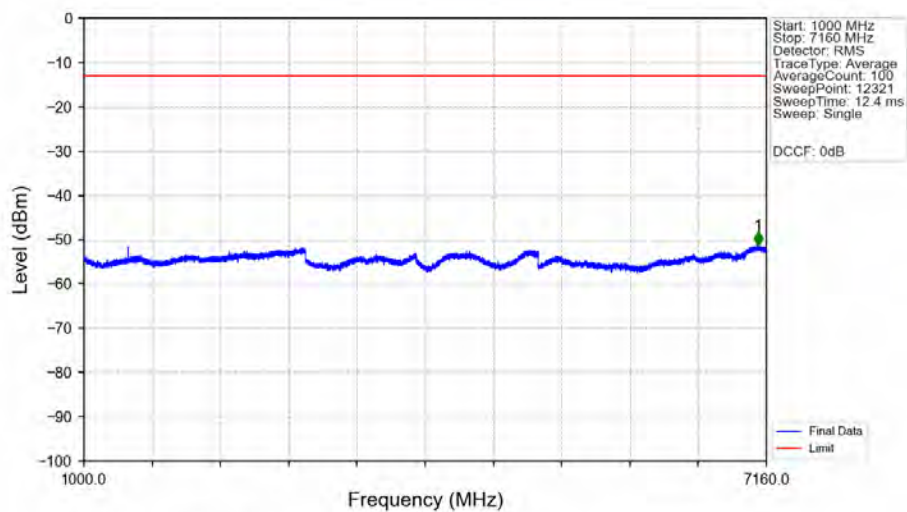
5G NR n12 SCS=15kHz SISO 15MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	706.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
		Inner_1RB_Left	Refer To Test Graph				Pass	
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass	
		708.5	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	706.5		Inner_1RB_Right	Refer To Test Graph				Pass
		Edge_1RB_Left	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	707.5	Inner_1RB_Left	Refer To Test Graph				Pass	
		708.5	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	706.5		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass	
		Edge_1RB_Left	Refer To Test Graph				Pass	
	707.5	Outer_Full	Refer To Test Graph				Pass	
		708.5	Inner_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Left	Refer To Test Graph				Pass

5.2 Test Graph

5.2.1 15k_SISO_5MHz_NTNV

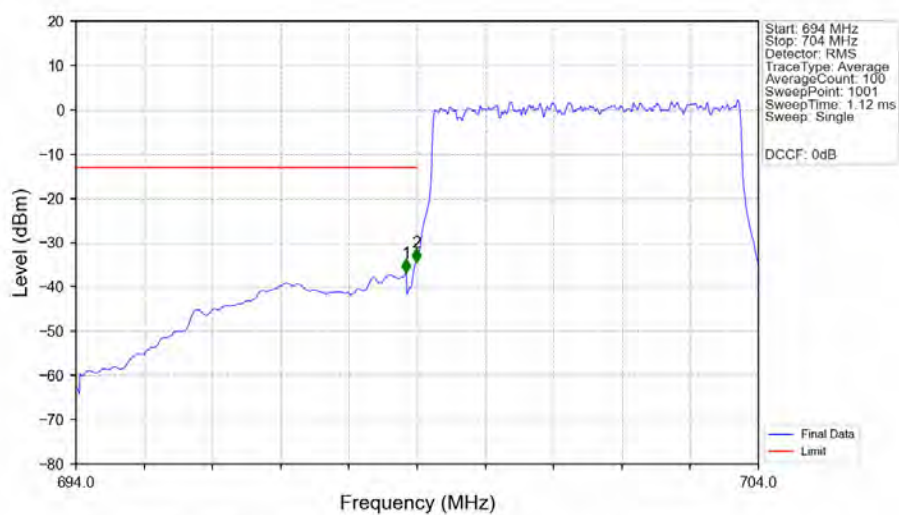


n12 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 701.5MHz Edge 1RB Left Ant1



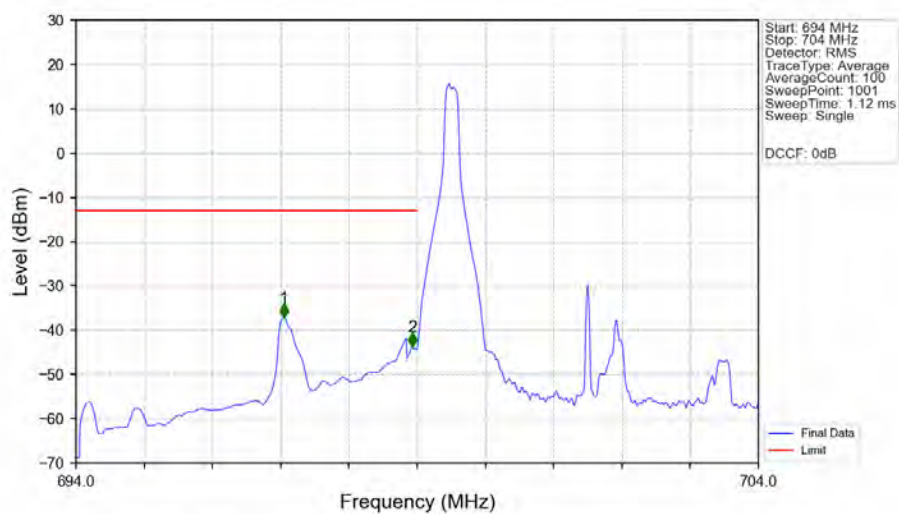
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	7087.000	-51.24	-13	Pass

n12 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 701.5MHz Outer Full Ant1

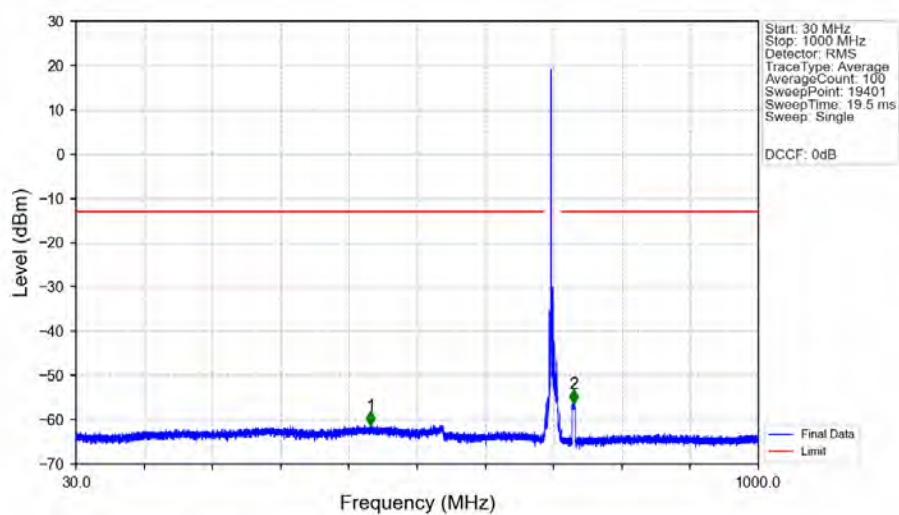


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-36.86	-13	Pass
698.9	699	0.03	/	2	698.990	-34.38	-13	Pass
699	704	0.03	/	/	/	/	/	/

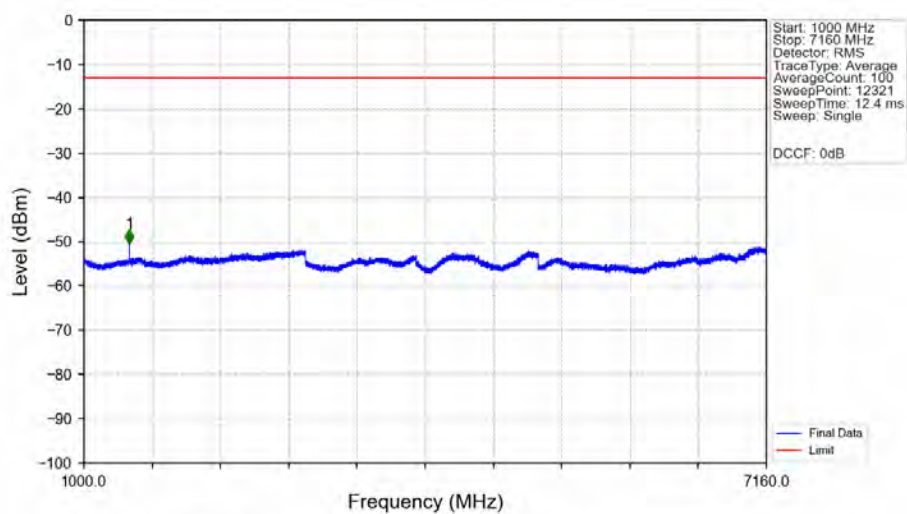
n12 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 701.5MHz Inner 1RB Left Ant1



n12 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 707.5MHz Edge 1RB Left Ant1

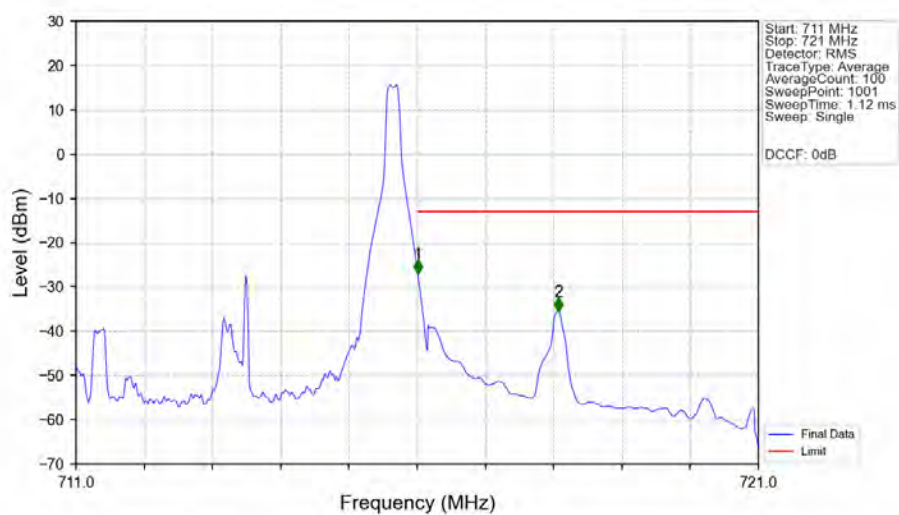


n12 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 707.5MHz Edge 1RB Left Ant1

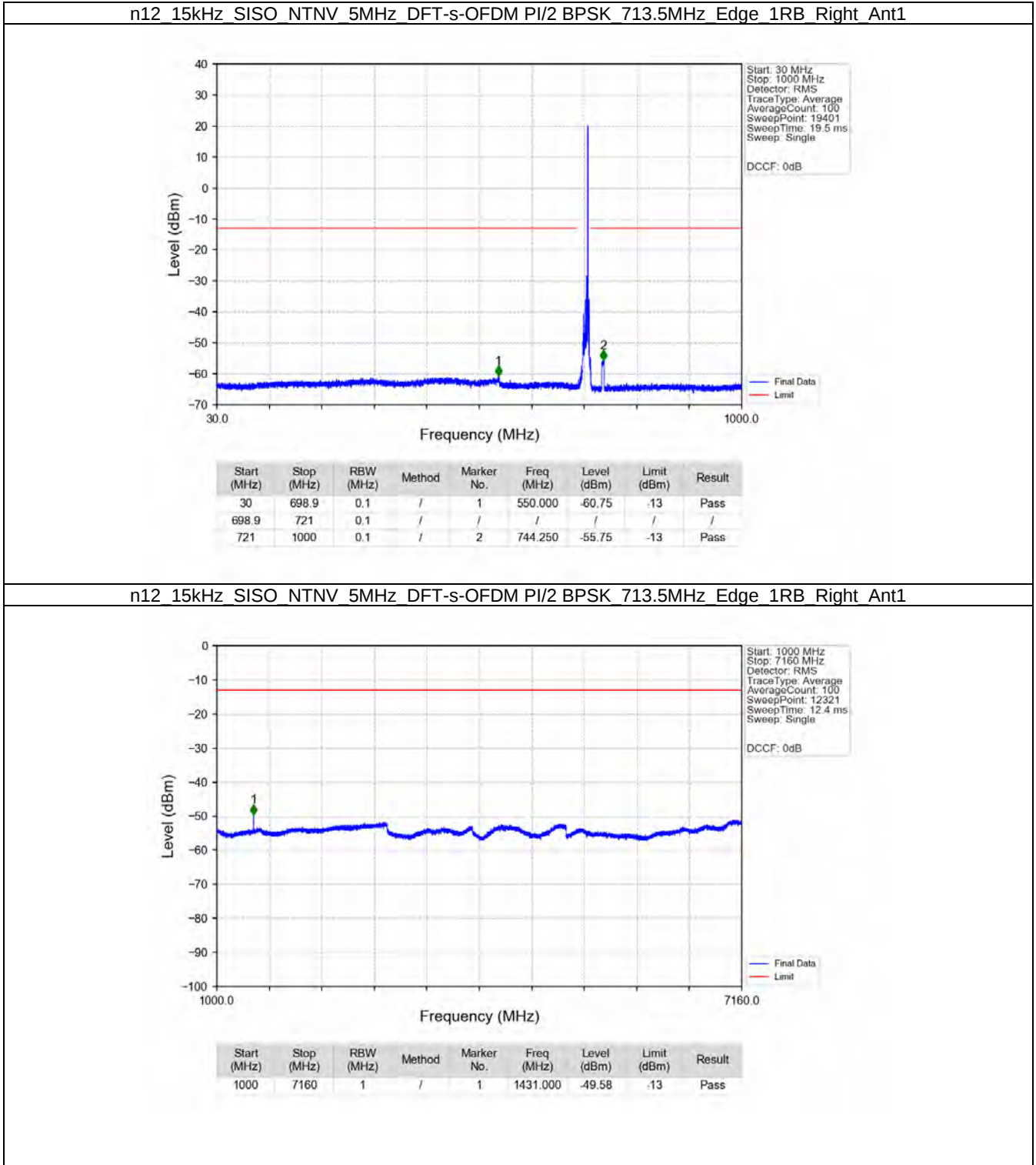


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1410.500	-50.44	-13	Pass

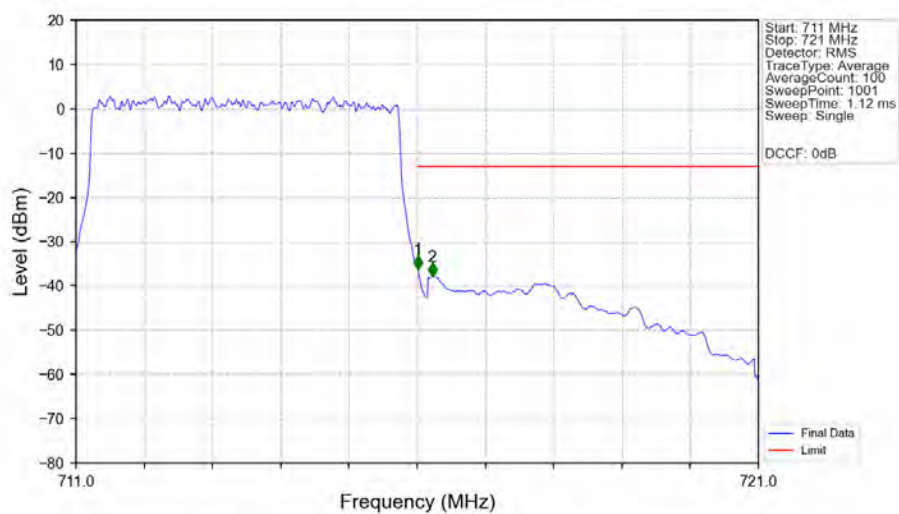
n12 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 713.5MHz Edge 1RB Right Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-26.91	-13	Pass
716.1	721	0.1	CHP	2	718.070	-35.48	-13	Pass

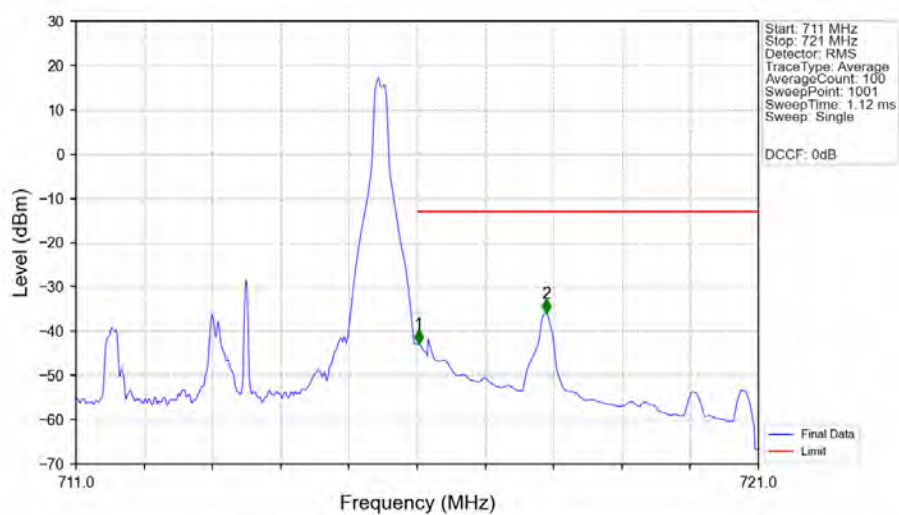


n12 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 713.5MHz Outer Full Ant1



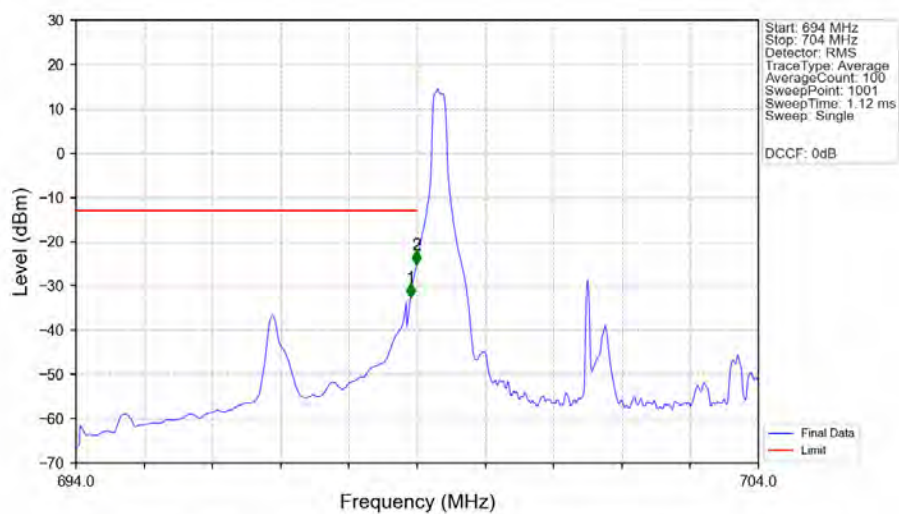
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-36.19	-13	Pass
716.1	721	0.1	CHP	2	716.220	-37.89	-13	Pass

n12 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 713.5MHz Inner 1RB Right Ant1



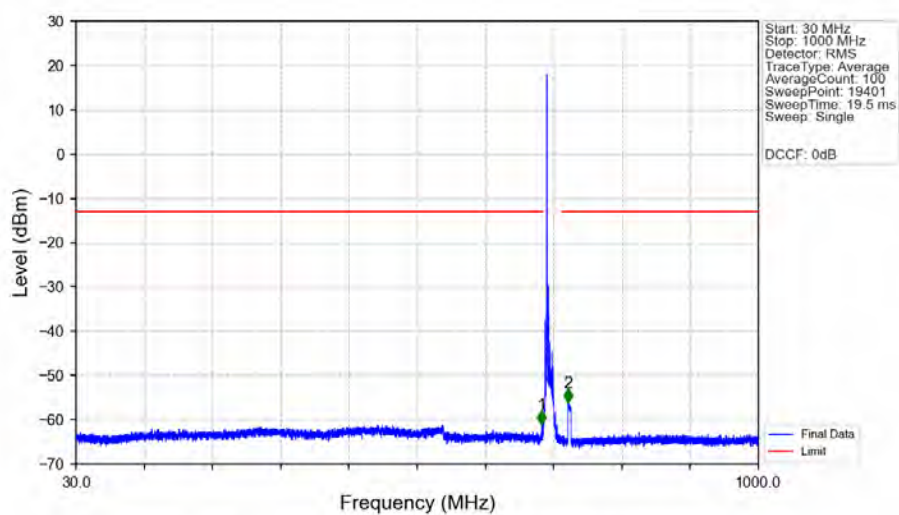
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-42.84	-13	Pass
716.1	721	0.1	CHP	2	717.890	-35.82	-13	Pass

n12 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 701.5MHz Edge 1RB Left Ant1



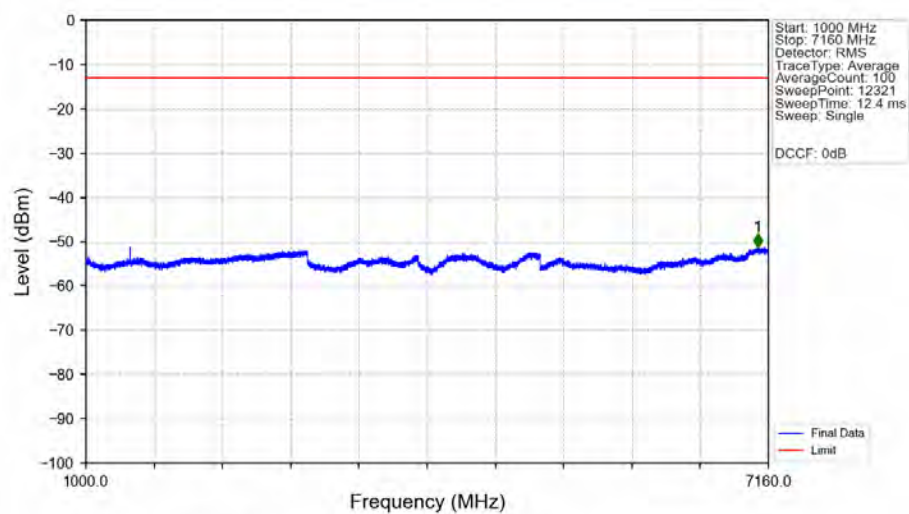
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.900	-32.63	-13	Pass
698.9	699	0.03	/	2	698.990	-25.17	-13	Pass
699	704	0.03	/	/	/	/	/	/

n12 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 701.5MHz Edge 1RB Left Ant1

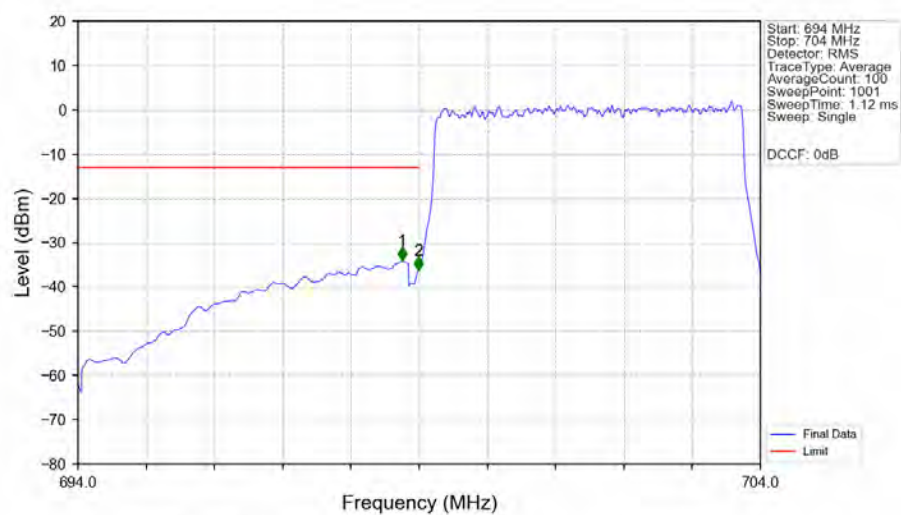


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	692.100	-61.08	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	729.600	-56.05	-13	Pass

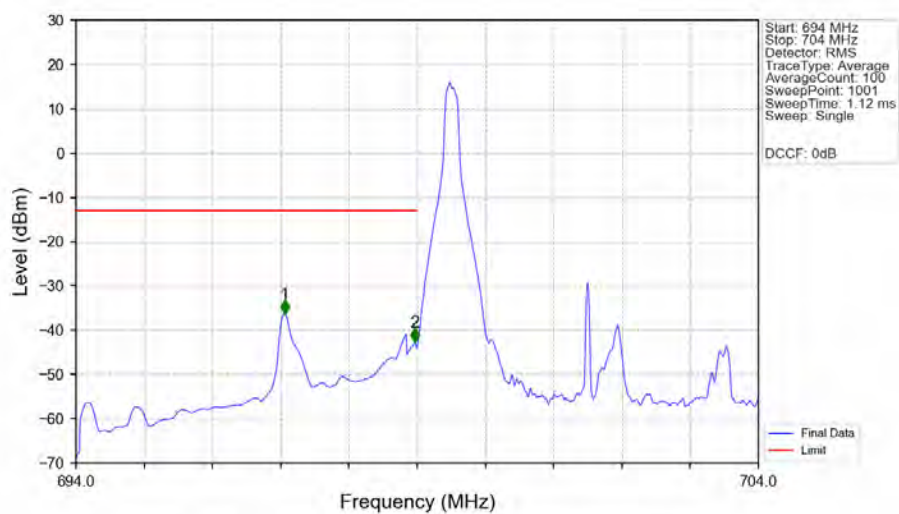
n12 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 701.5MHz Edge 1RB Left Ant1



n12 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 701.5MHz Outer Full Ant1

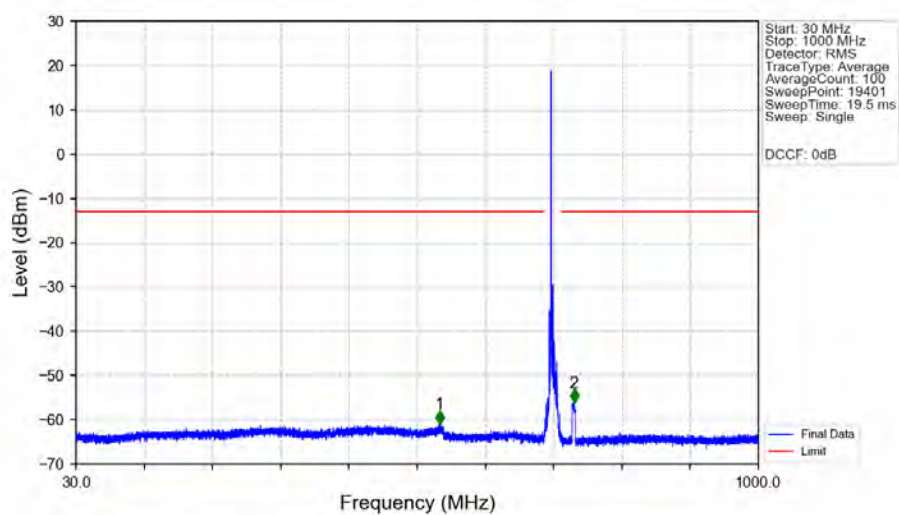


n12 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 701.5MHz Inner 1RB Left Ant1



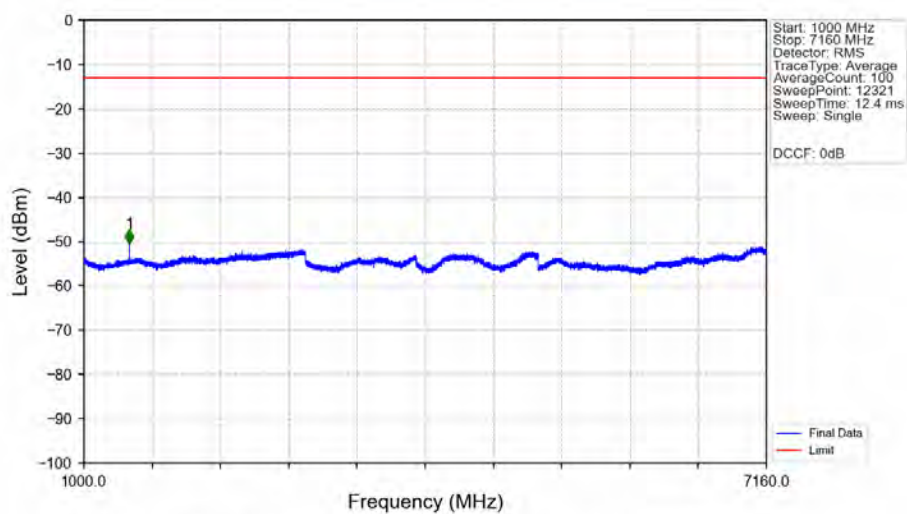
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	697.060	-36.33	-13	Pass
698.9	699	0.03	/	2	698.970	-42.58	-13	Pass
699	704	0.03	/	/	/	/	/	/

n12 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 707.5MHz Edge 1RB Left Ant1



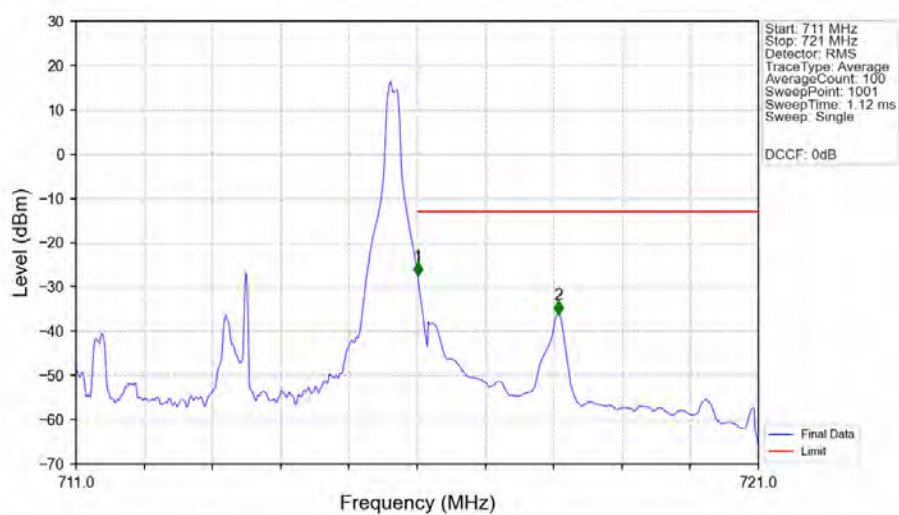
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	546.900	-60.92	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	738.200	-56.02	-13	Pass

n12 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 707.5MHz Edge 1RB Left Ant1



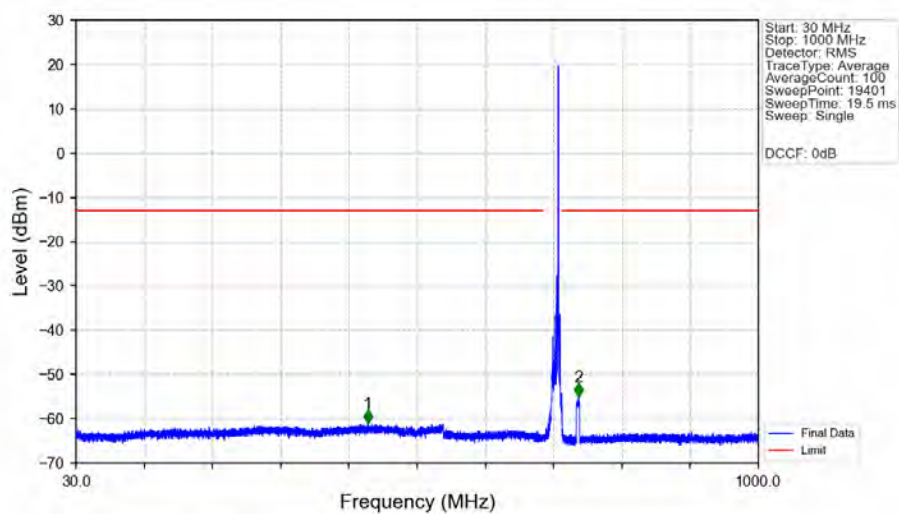
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1410.500	-50.46	-13	Pass

n12 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 713.5MHz Edge 1RB Right Ant1



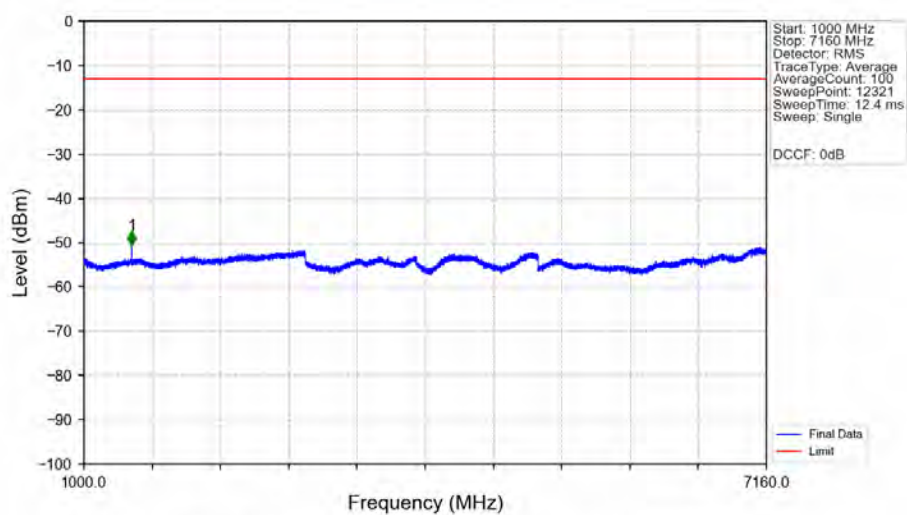
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-27.55	-13	Pass
716.1	721	0.1	CHP	2	718.070	-36.17	-13	Pass

n12 15kHz SISO NTV 5MHz DFT-s-OFDM QPSK 713.5MHz Edge 1RB Right Ant1



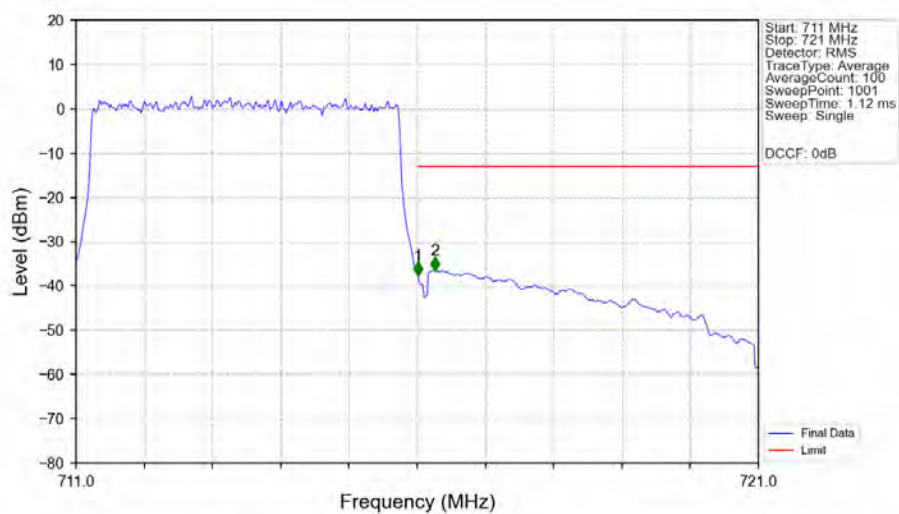
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	444.800	-61.06	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	744.800	-54.99	-13	Pass

n12 15kHz SISO NTV 5MHz DFT-s-OFDM QPSK 713.5MHz Edge 1RB Right Ant1



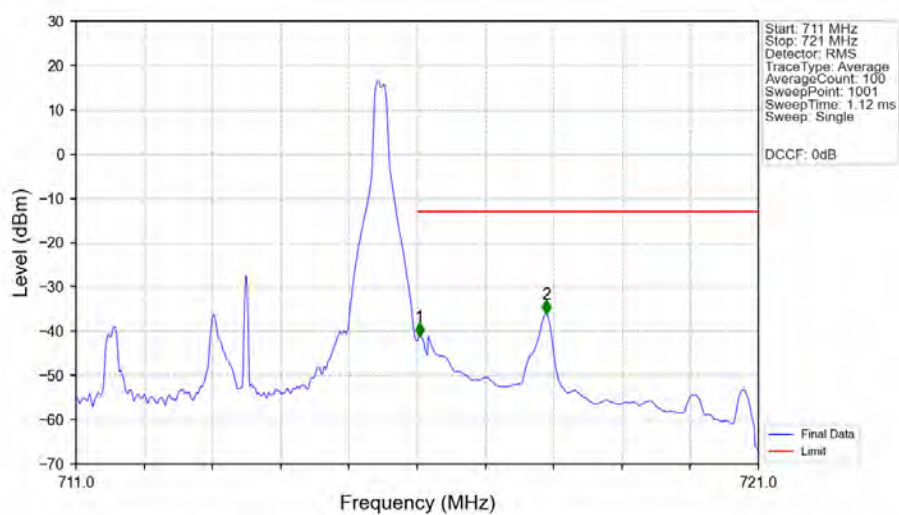
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1431.000	-50.50	-13	Pass

n12 15kHz SISO NTV 5MHz DFT-s-OFDM QPSK 713.5MHz Outer Full Ant1



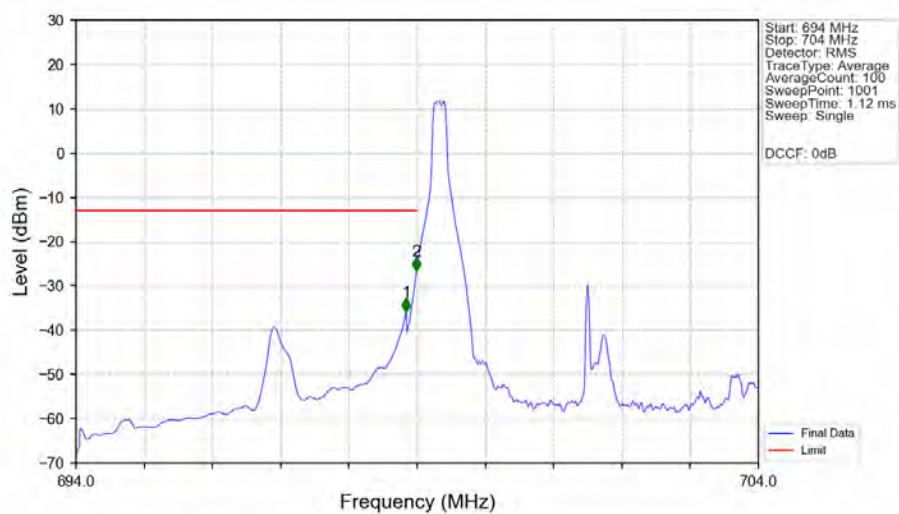
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-37.67	-13	Pass
716.1	721	0.1	CHP	2	716.260	-36.50	-13	Pass

n12 15kHz SISO NTV 5MHz DFT-s-OFDM QPSK 713.5MHz Inner 1RB Right Ant1



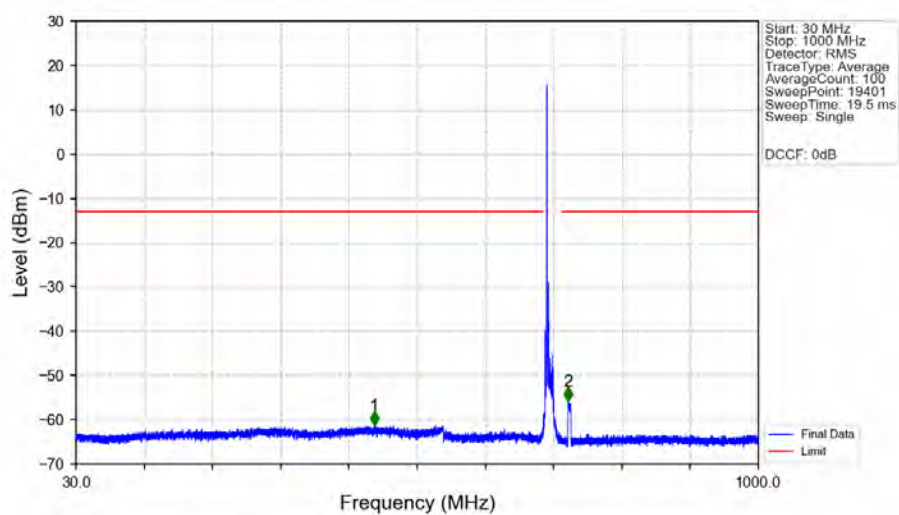
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-41.19	-13	Pass
716.1	721	0.1	CHP	2	717.890	-36.15	-13	Pass

n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 701.5MHz Edge 1RB Left Ant1



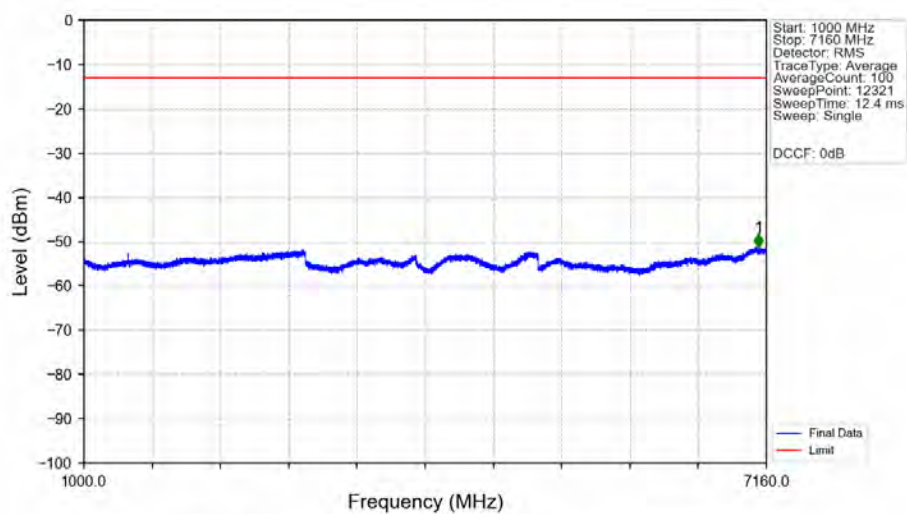
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-35.96	-13	Pass
698.9	699	0.03	/	2	698.990	-26.57	-13	Pass
699	704	0.03	/	/	/	/	/	/

n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 701.5MHz Edge 1RB Left Ant1



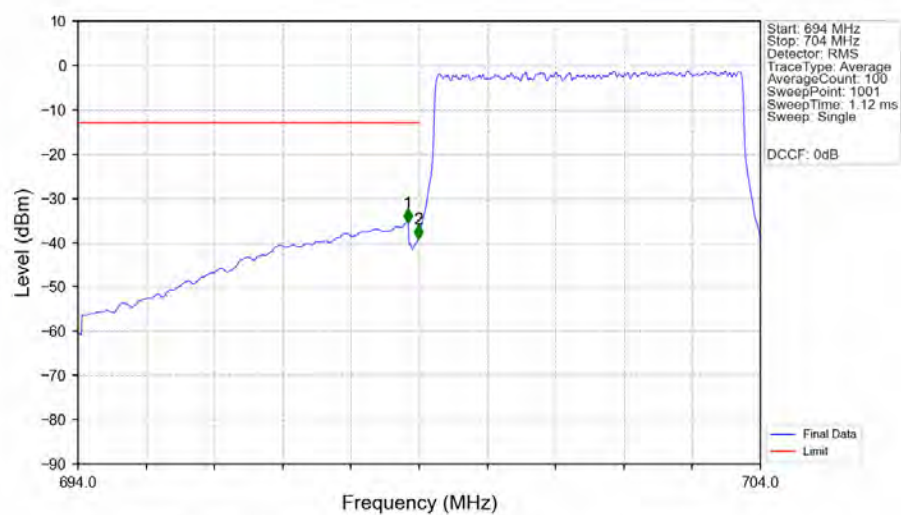
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	454.100	-61.26	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	729.750	-55.72	-13	Pass

n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 701.5MHz Edge 1RB Left Ant1



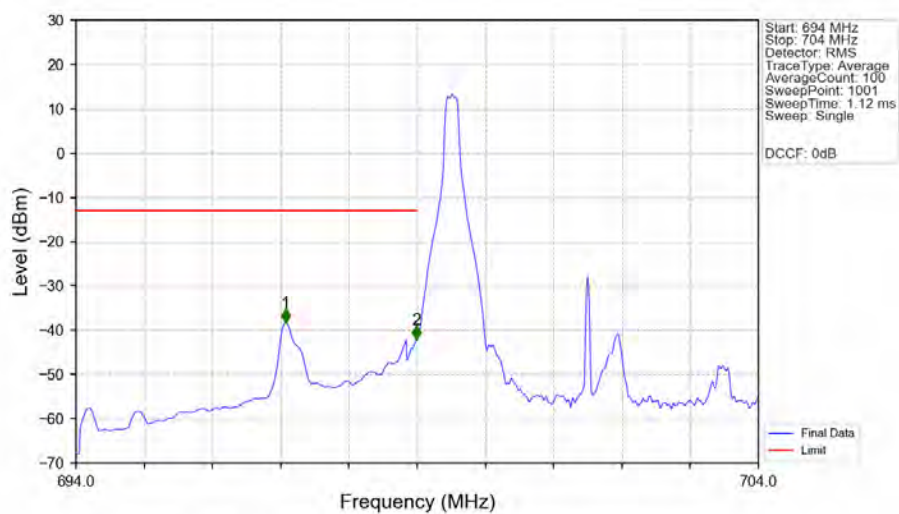
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	7089.500	-51.27	-13	Pass

n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 701.5MHz Outer Full Ant1

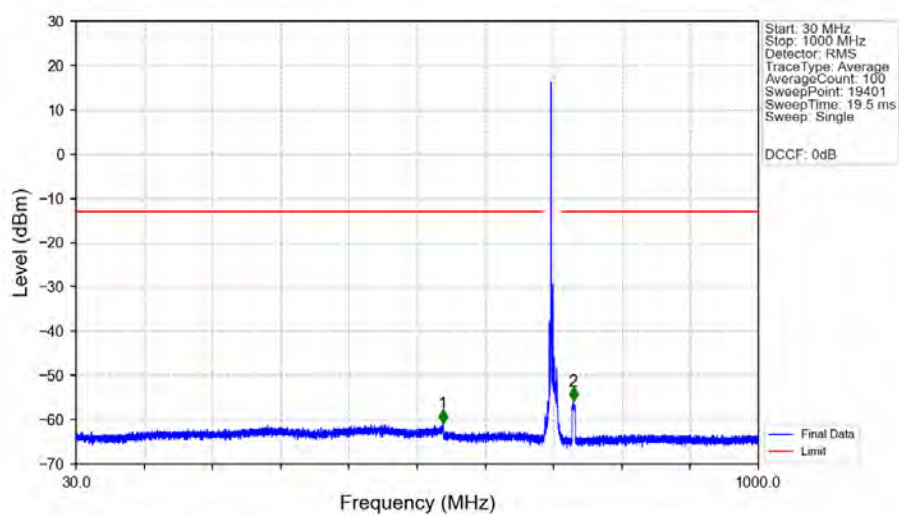


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.830	-35.44	-13	Pass
698.9	699	0.03	/	2	698.990	-39.18	-13	Pass
699	704	0.03	/	/	/	/	/	/

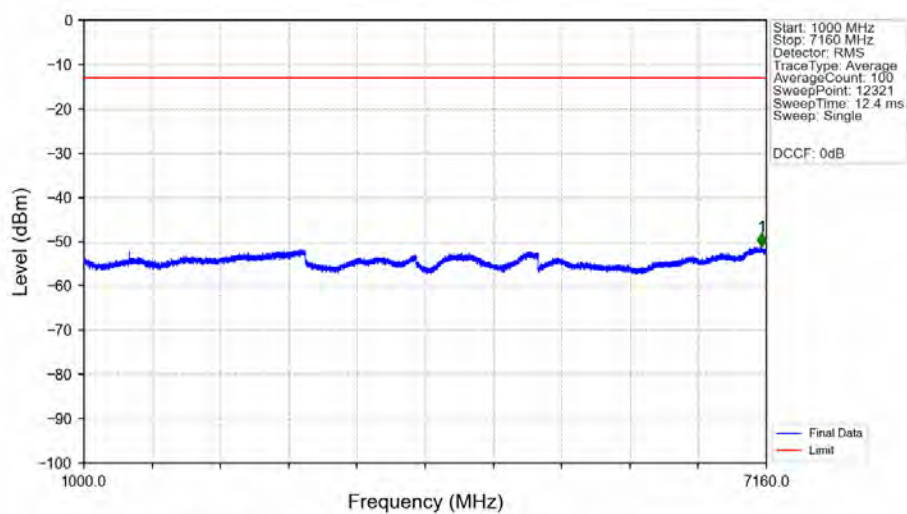
n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 701.5MHz Inner 1RB Left Ant1



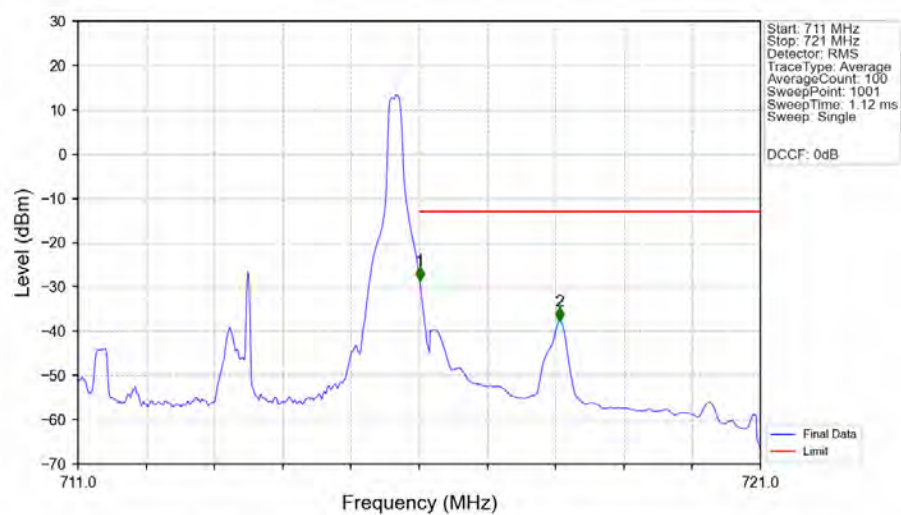
n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 707.5MHz Edge 1RB Left Ant1



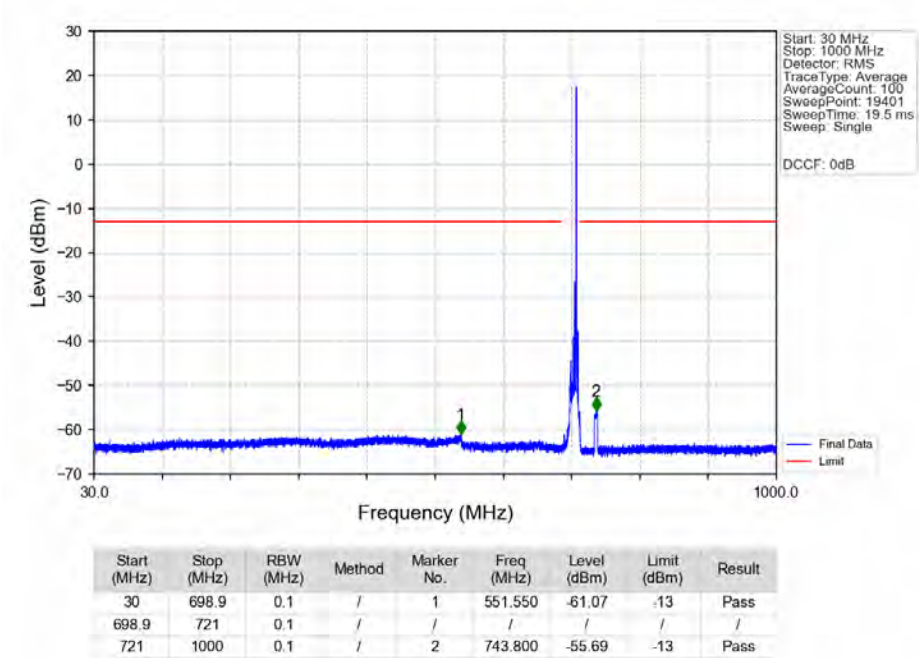
n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 707.5MHz Edge 1RB Left Ant1



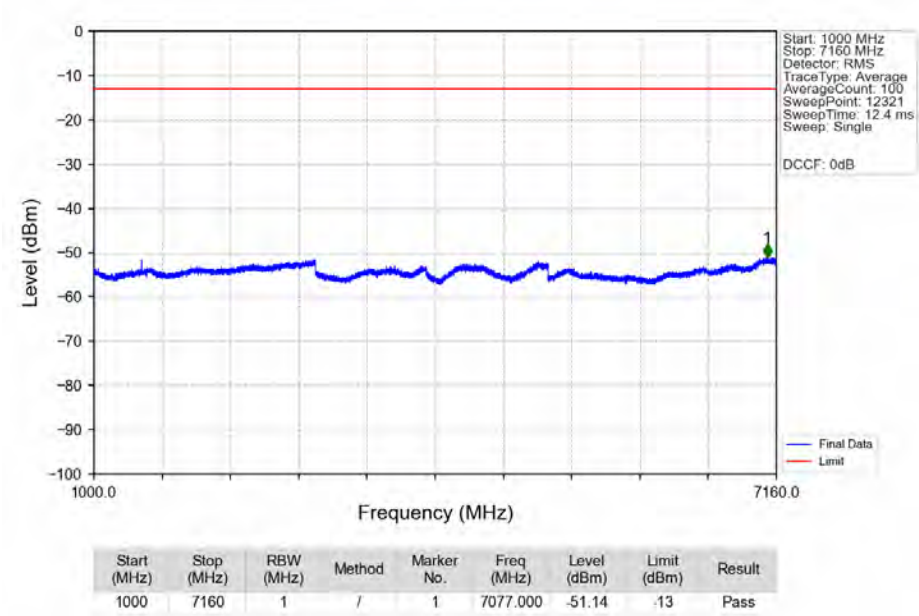
n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 713.5MHz Edge 1RB Right Ant1



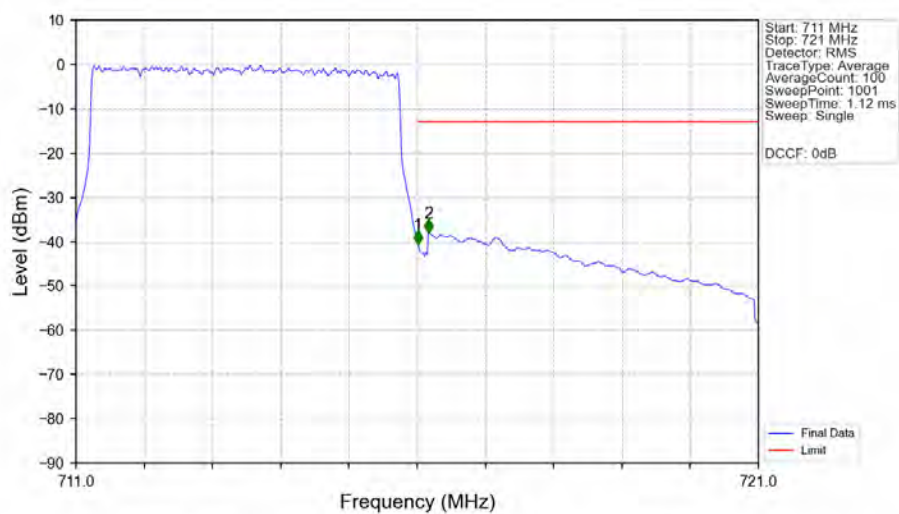
n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 713.5MHz Edge 1RB Right Ant1



n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 713.5MHz Edge 1RB Right Ant1

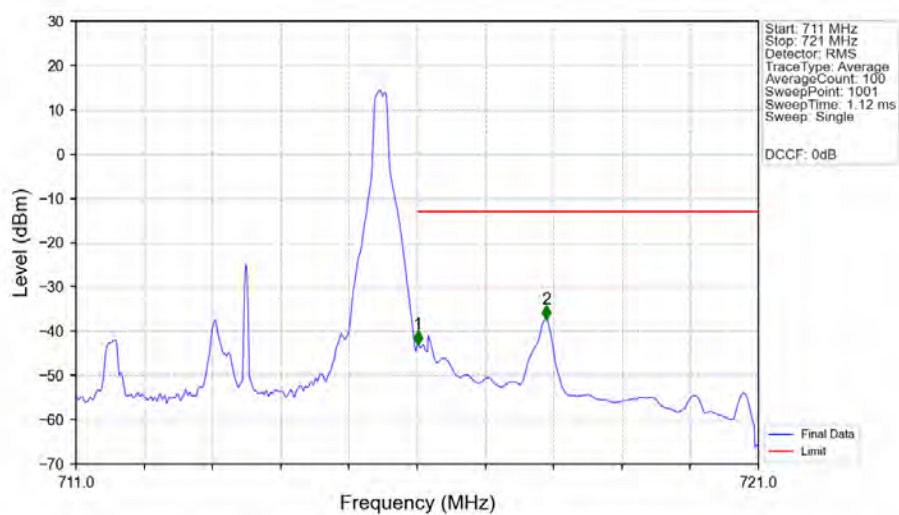


n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 713.5MHz Outer Full Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-40.52	-13	Pass
716.1	721	0.1	CHP	2	716.170	-38.02	-13	Pass

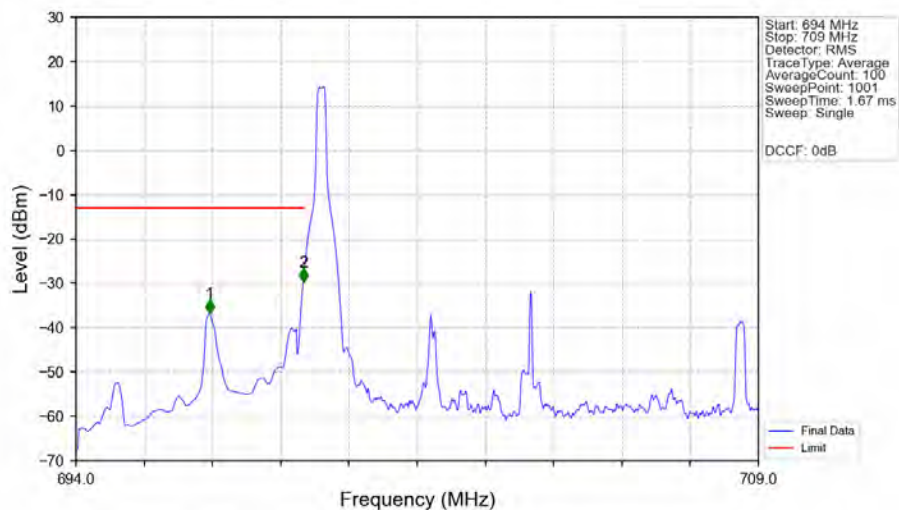
n12 15kHz SISO NTN 5MHz CP-OFDM QPSK 713.5MHz Inner 1RB Right Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-42.89	-13	Pass
716.1	721	0.1	CHP	2	717.890	-37.25	-13	Pass

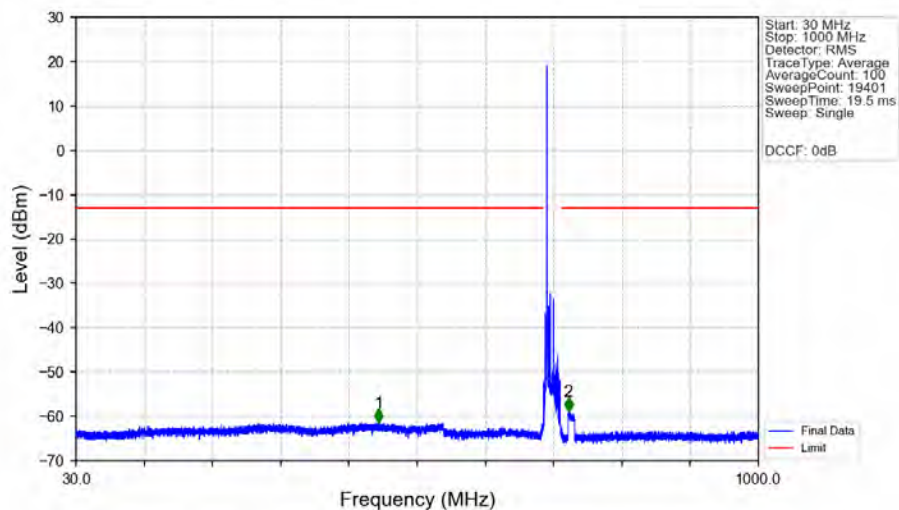
5.2.2 15k_SISO_10MHz_NTNV

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_704MHz_Edge_1RB_Left_Ant1



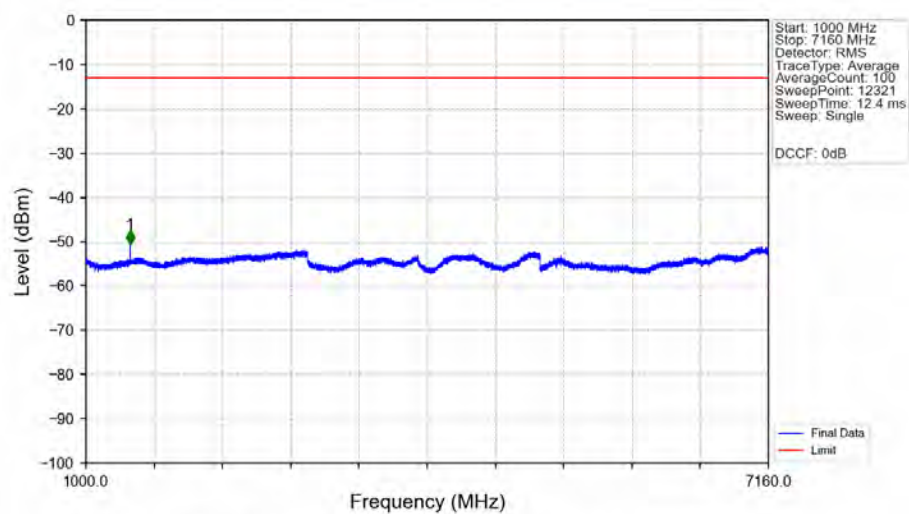
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	696.940	-36.83	-13	Pass
698.9	699	0.03	/	2	698.995	-29.64	-13	Pass
699	709	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_704MHz_Edge_1RB_Left_Ant1

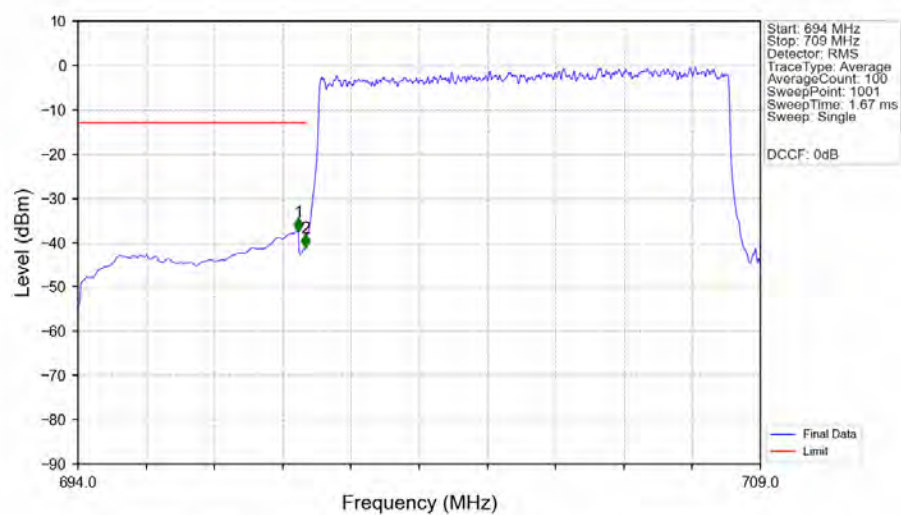


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	460.100	-61.35	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	730.050	-58.83	-13	Pass

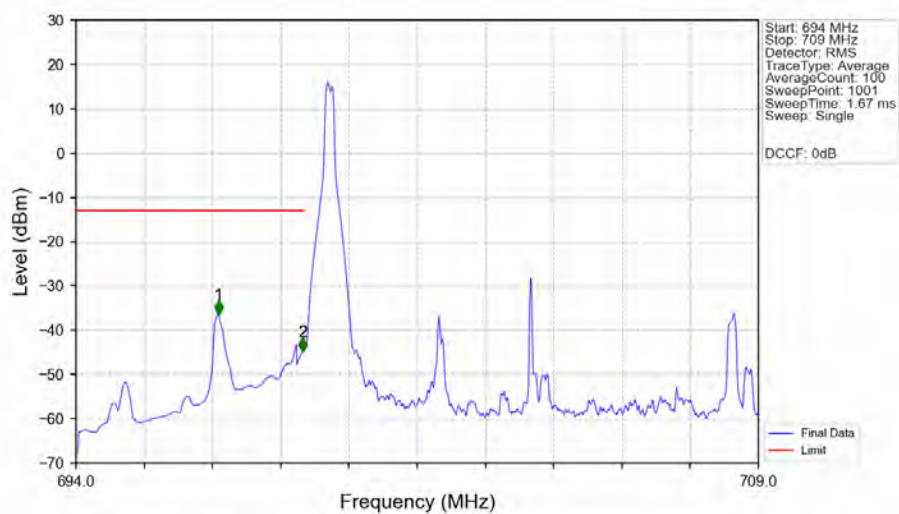
n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 704MHz Edge 1RB Left Ant1



n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 704MHz Outer Full Ant1

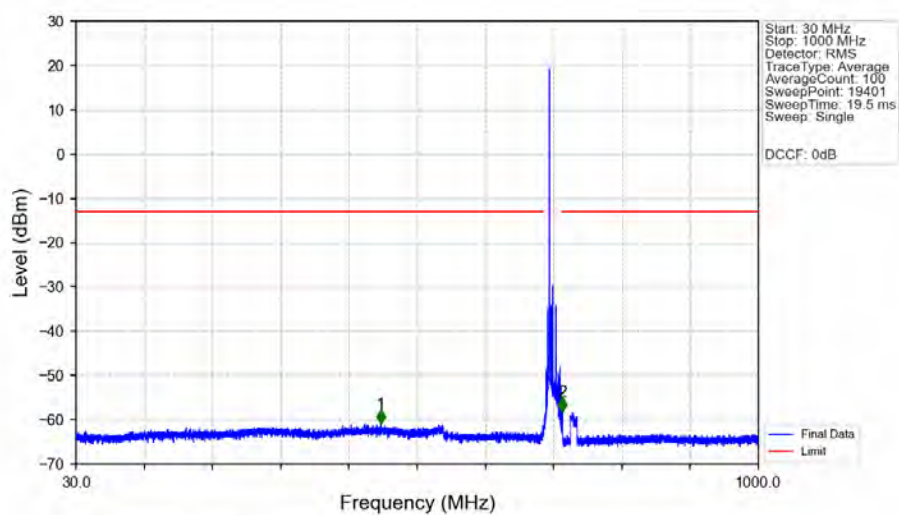


n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 704MHz Inner 1RB Left Ant1



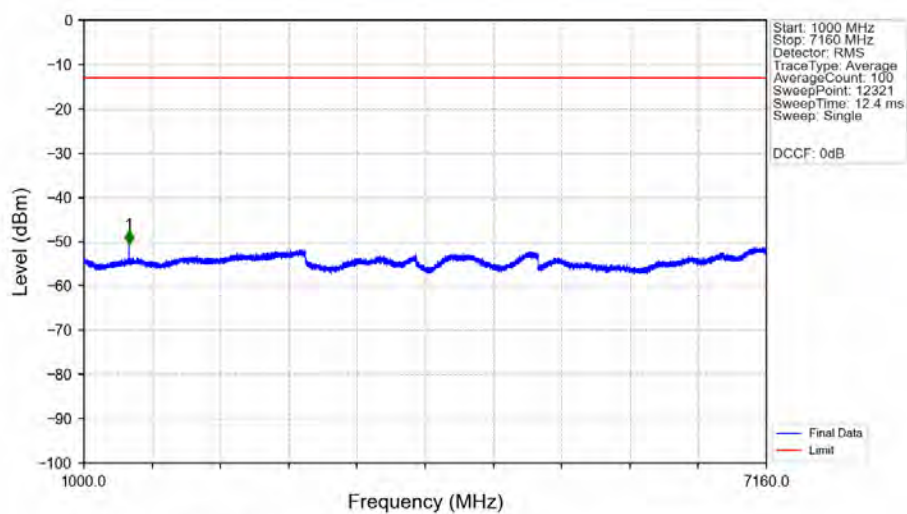
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	697.135	-36.49	-13	Pass
698.9	699	0.03	/	2	698.980	-44.85	-13	Pass
699	709	0.03	/	/	/	/	/	/

n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 707.5MHz Edge 1RB Left Ant1



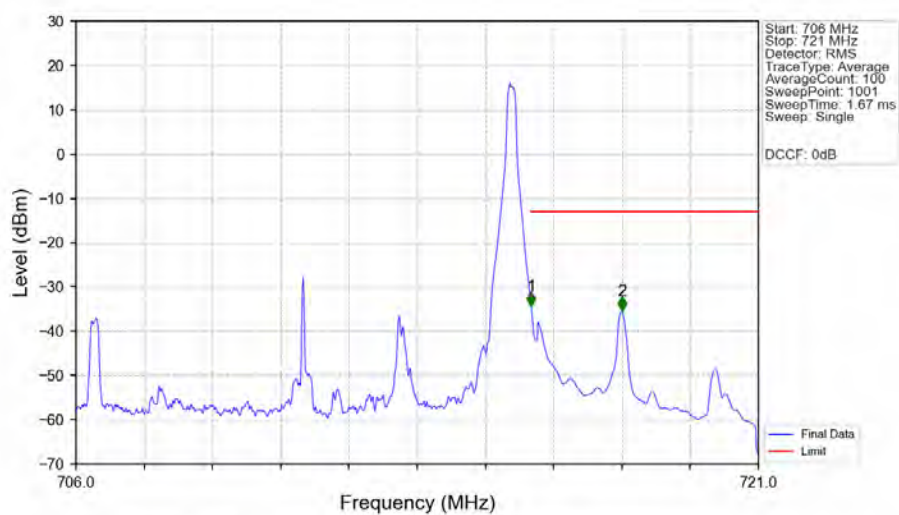
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	463.450	-60.76	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	721.450	-58.03	-13	Pass

n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 707.5MHz Edge 1RB Left Ant1



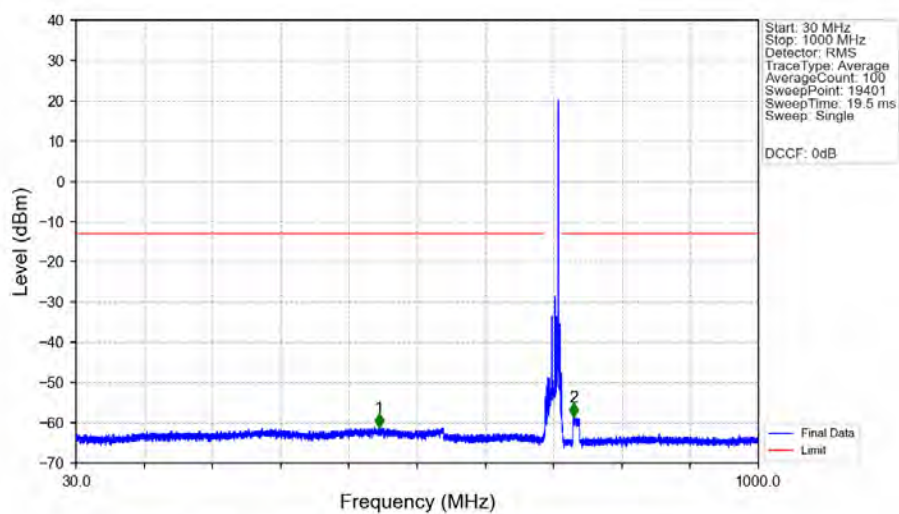
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1405.500	-50.55	-13	Pass

n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 711MHz Edge 1RB Right Ant1



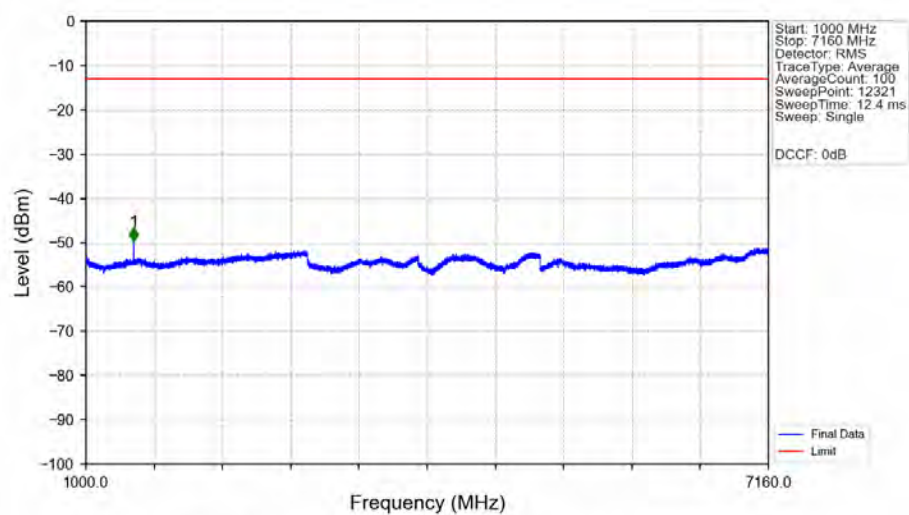
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.005	-34.17	-13	Pass
716.1	721	0.1	CHP	2	718.000	-35.36	-13	Pass

n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 711MHz Edge 1RB Right Ant1



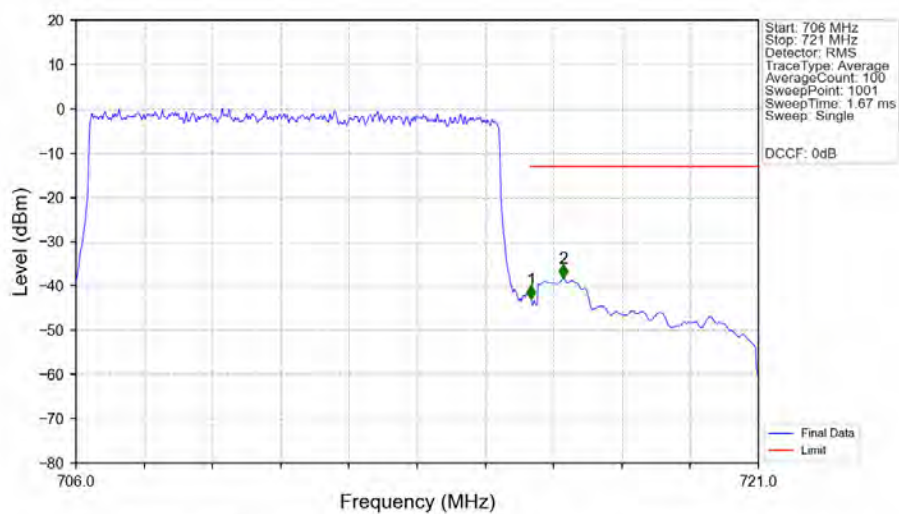
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	460.750	-61.09	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	737.800	-58.58	-13	Pass

n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 711MHz Edge 1RB Right Ant1



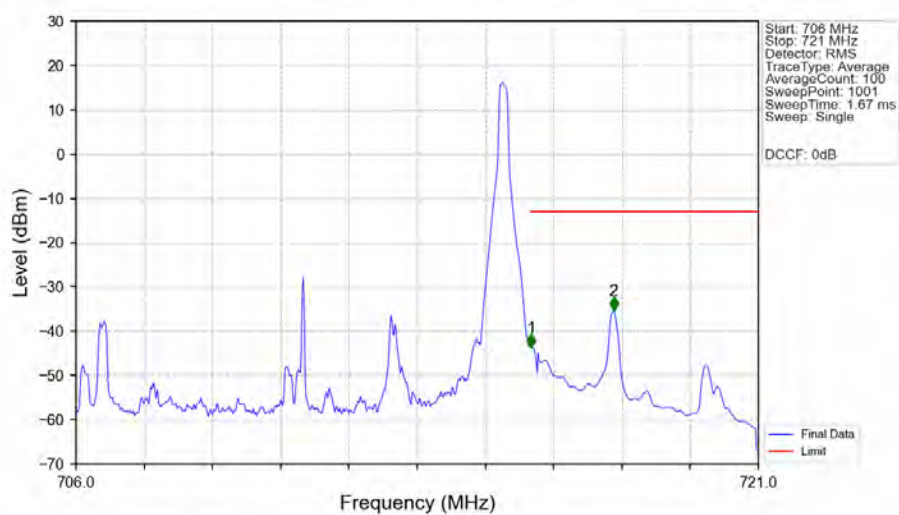
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1431.000	-49.69	-13	Pass

n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 711MHz Outer Full Ant1



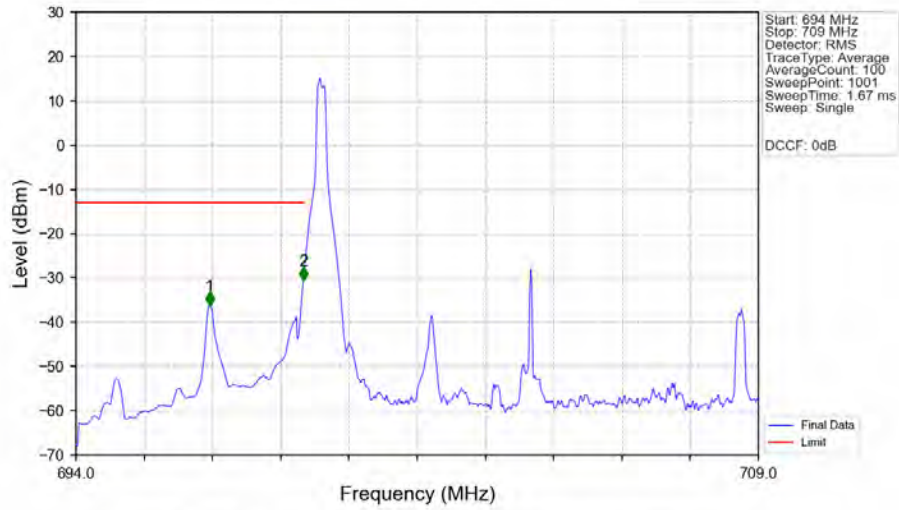
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.005	-42.92	-13	Pass
716.1	721	0.1	CHP	2	716.710	-38.31	-13	Pass

n12 15kHz SISO NTN 10MHz DFT-s-OFDM PI/2 BPSK 711MHz Inner 1RB Right Ant1

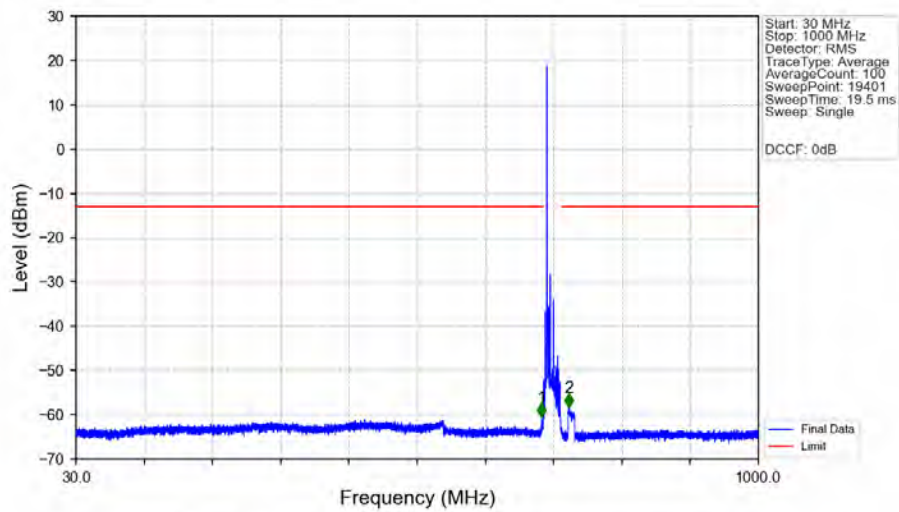


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.005	-43.65	-13	Pass
716.1	721	0.1	CHP	2	717.820	-35.37	-13	Pass

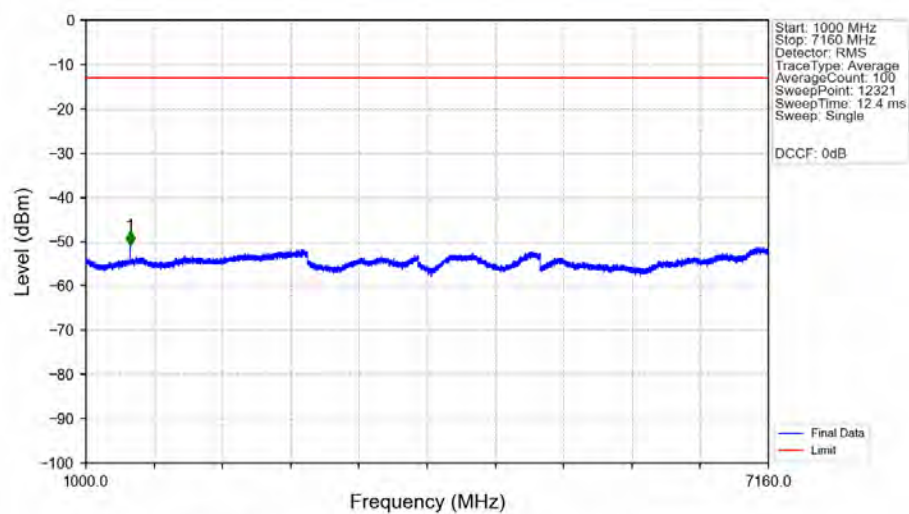
n12 15kHz SISO NTNV 10MHz DFT-s-OFDM QPSK 704MHz Edge 1RB Left Ant1



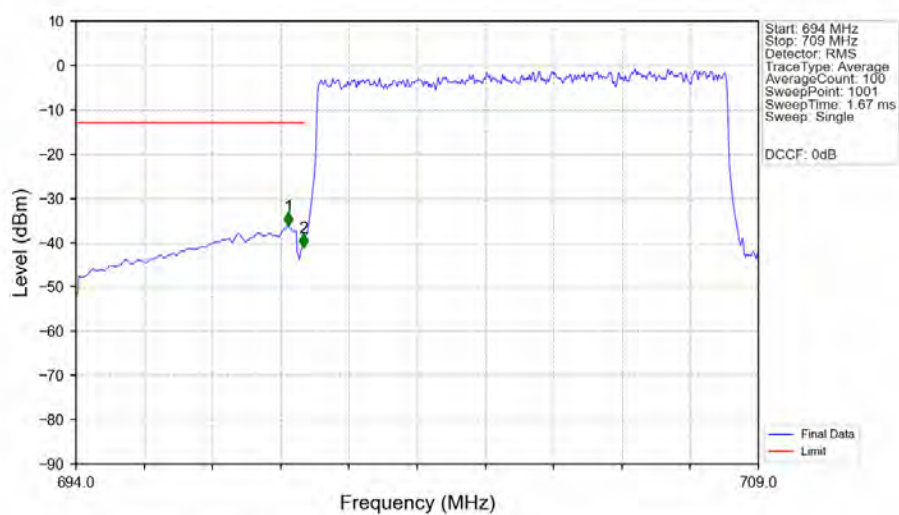
n12 15kHz SISO NTNV 10MHz DFT-s-OFDM QPSK 704MHz Edge 1RB Left Ant1



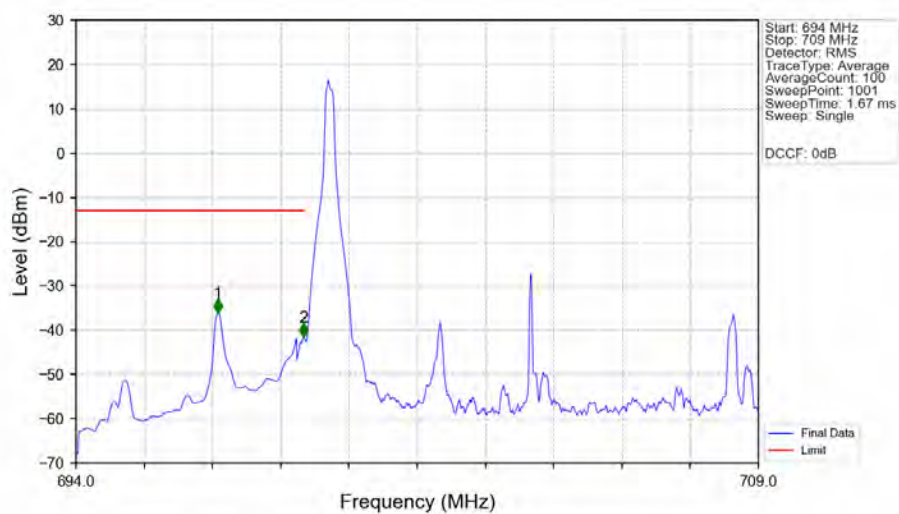
n12 15kHz SISO NTNV 10MHz DFT-s-OFDM QPSK 704MHz Edge 1RB Left Ant1



n12 15kHz SISO NTNV 10MHz DFT-s-OFDM QPSK 704MHz Outer Full Ant1

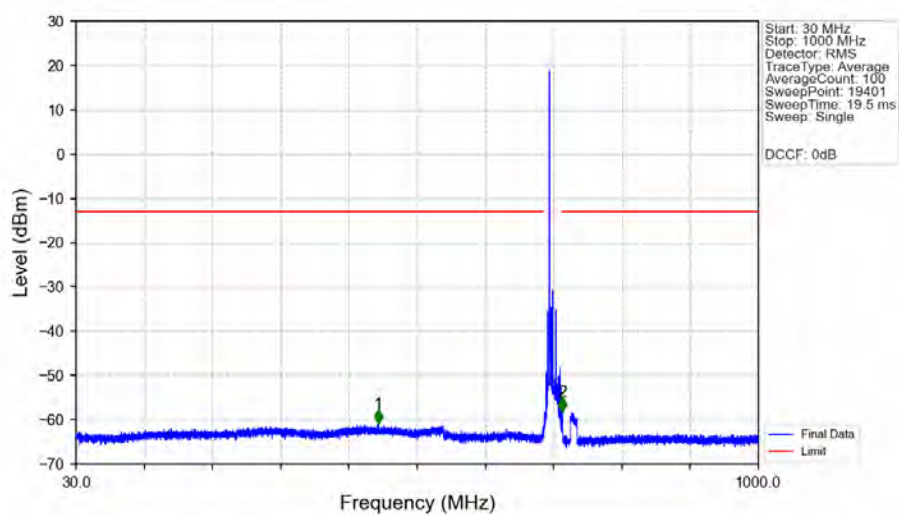


n12 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 704MHz Inner 1RB Left Ant1



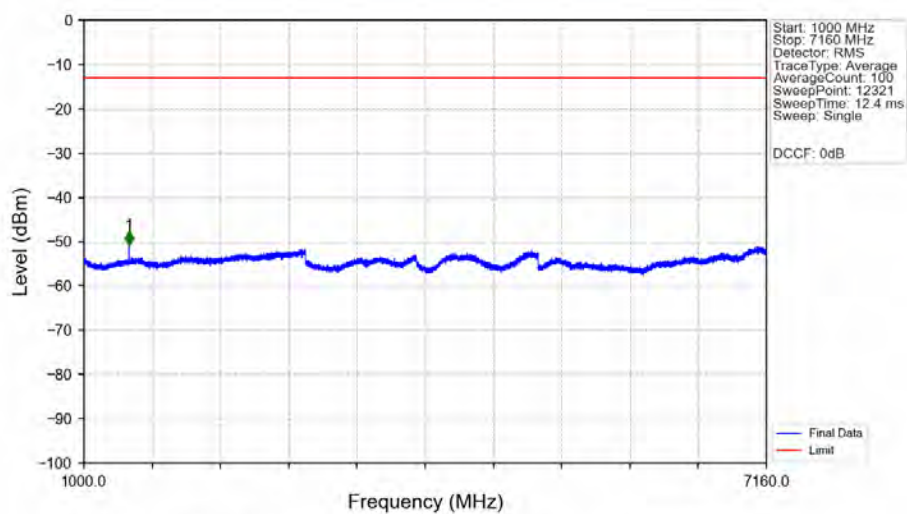
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	697.120	-36.03	-13	Pass
698.9	699	0.03	/	2	698.995	-41.54	-13	Pass
699	709	0.03	/	/	/	/	/	/

n12 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 707.5MHz Edge 1RB Left Ant1



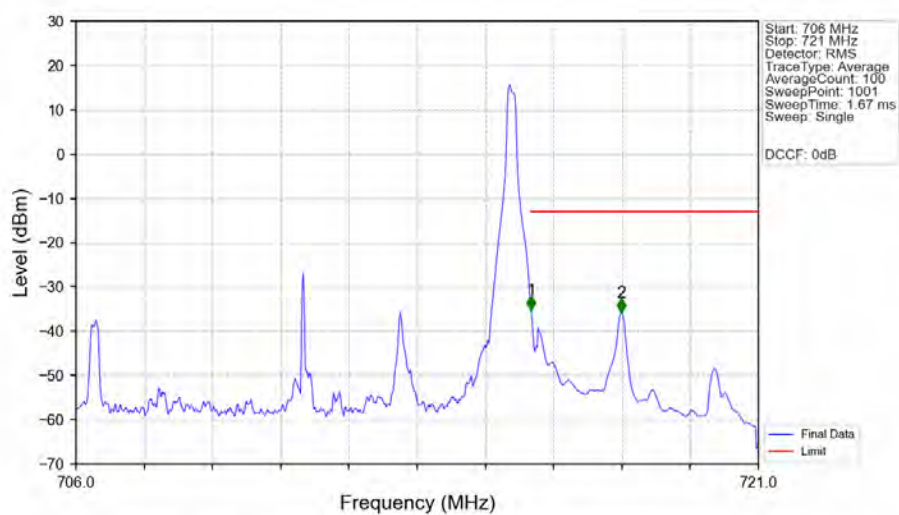
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	459.900	-60.91	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	721.200	-58.16	-13	Pass

n12 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 707.5MHz Edge 1RB Left Ant1



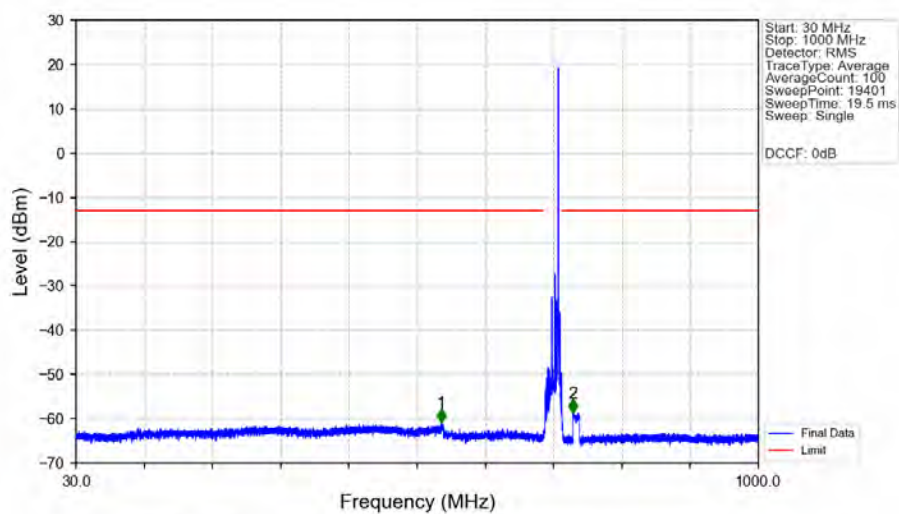
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1405.500	-50.71	-13	Pass

n12 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 711MHz Edge 1RB Right Ant1



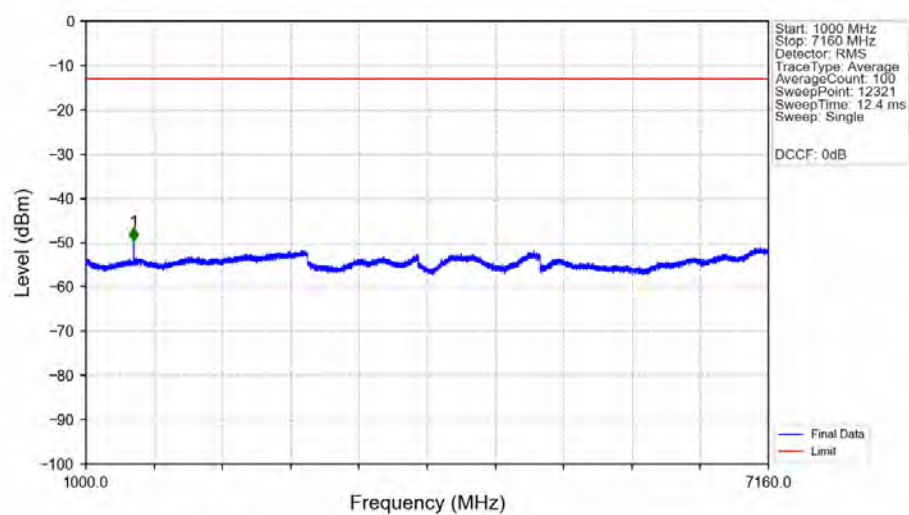
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.005	-35.20	-13	Pass
716.1	721	0.1	CHP	2	717.985	-35.74	-13	Pass

n12 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 711MHz Edge 1RB Right Ant1



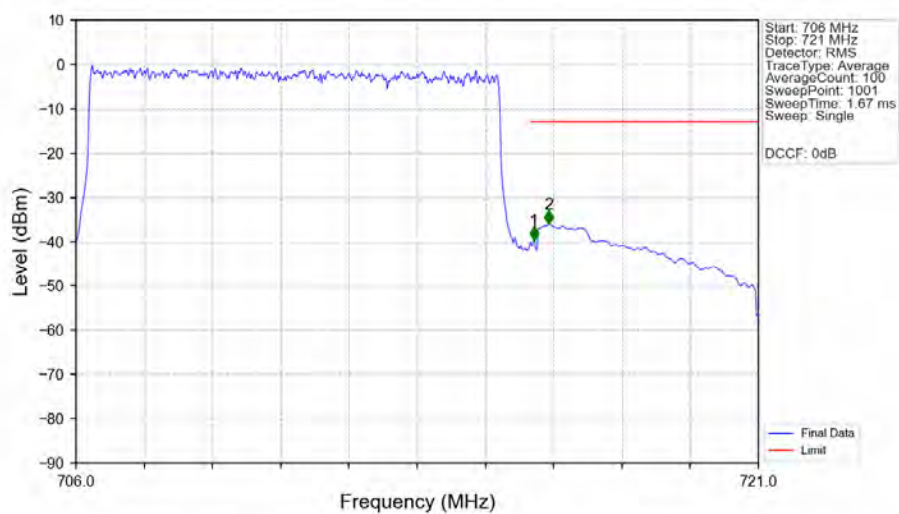
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	548.850	-60.90	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	736.600	-58.57	-13	Pass

n12 15kHz SISO NTV 10MHz DFT-s-OFDM QPSK 711MHz Edge 1RB Right Ant1

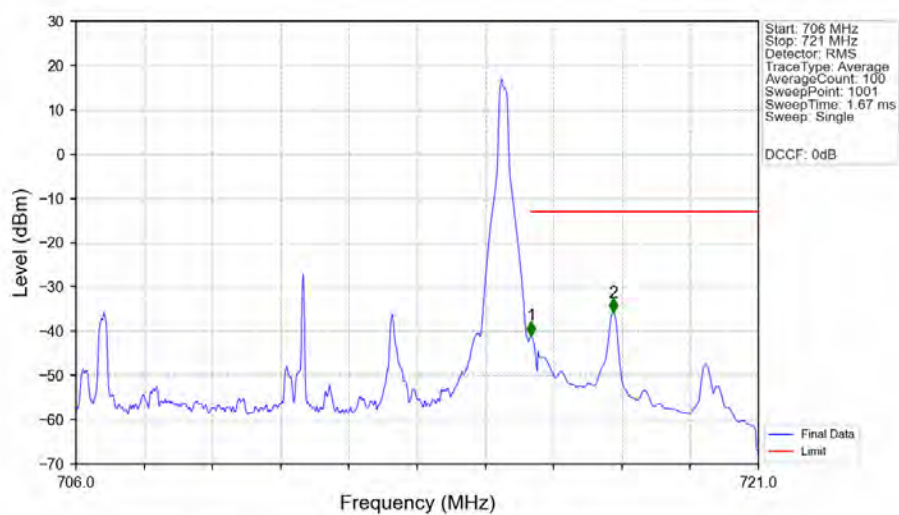


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	1431.000	-49.64	-13	Pass

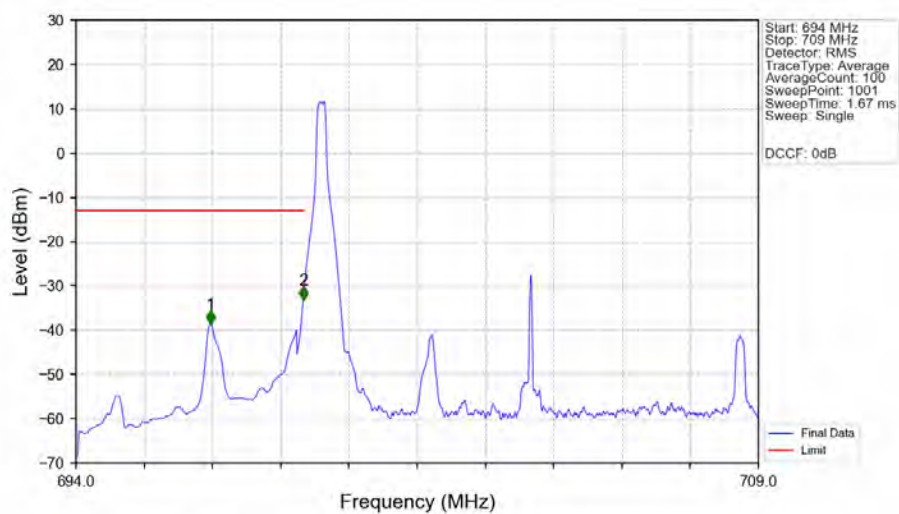
n12 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 711MHz Outer Full Ant1



n12 15kHz SISO NTN 10MHz DFT-s-OFDM QPSK 711MHz Inner 1RB Right Ant1

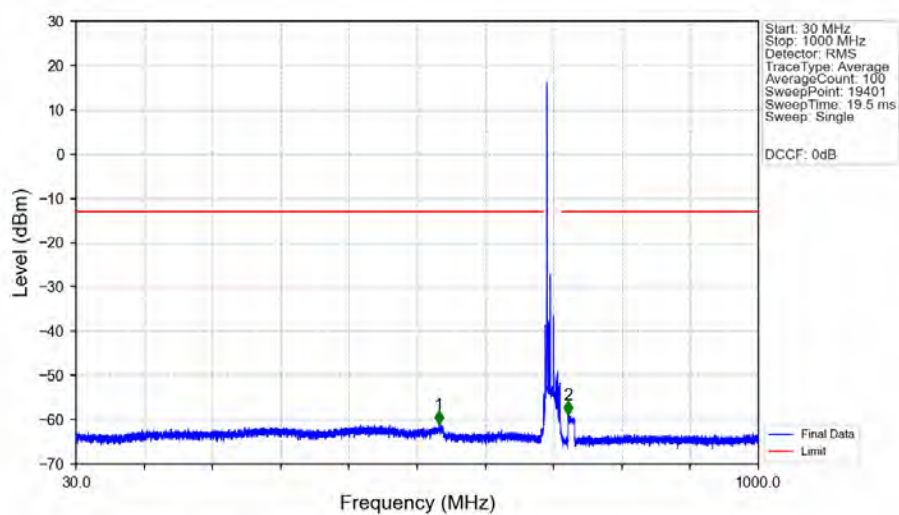


n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 704MHz Edge 1RB Left Ant1



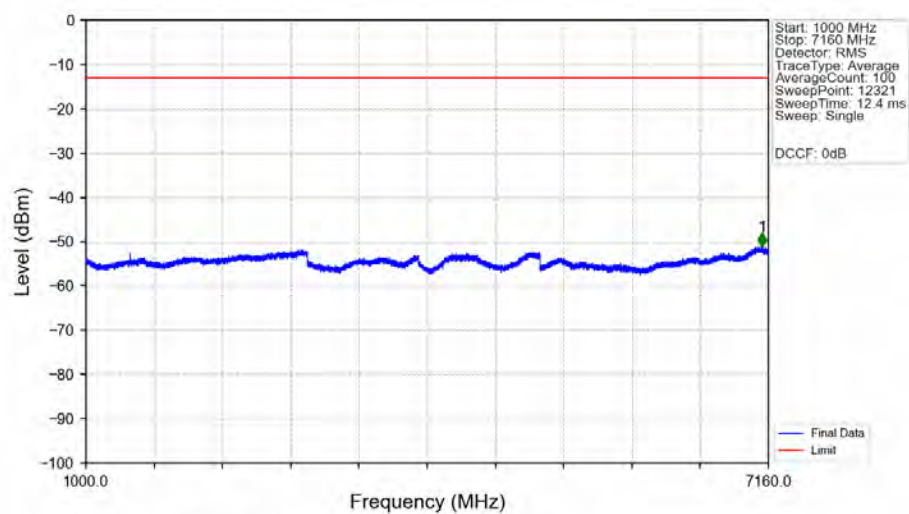
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	696.955	-38.55	-13	Pass
698.9	699	0.03	/	2	698.995	-33.23	-13	Pass
699	709	0.03	/	/	/	/	/	/

n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 704MHz Edge 1RB Left Ant1

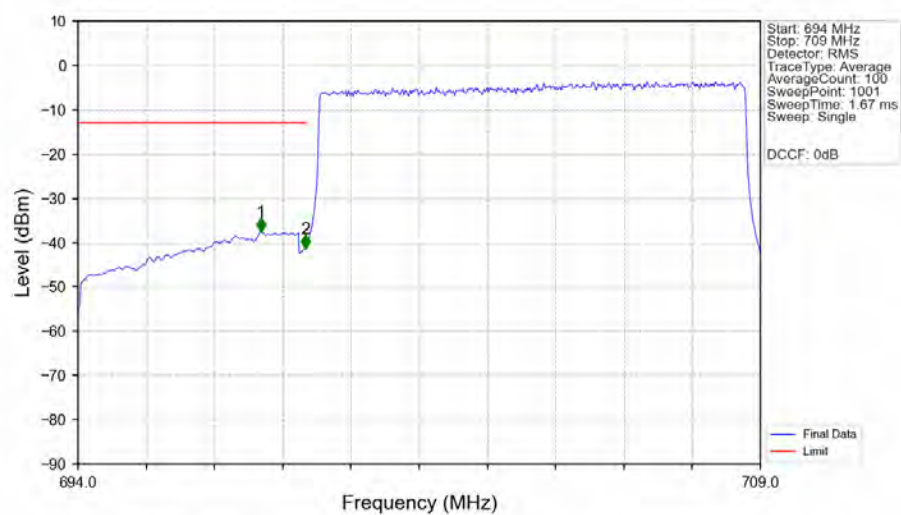


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	545.450	-61.06	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	729.850	-58.85	-13	Pass

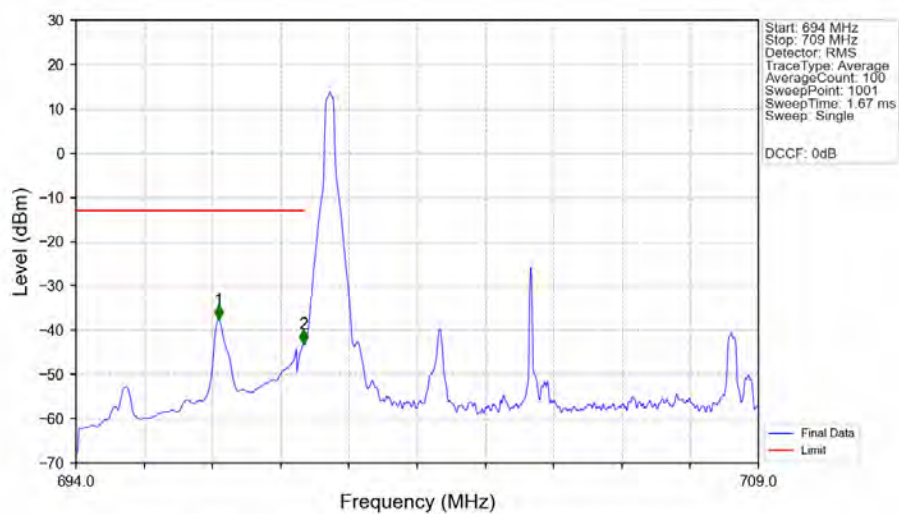
n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 704MHz Edge 1RB Left Ant1



n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 704MHz Outer Full Ant1

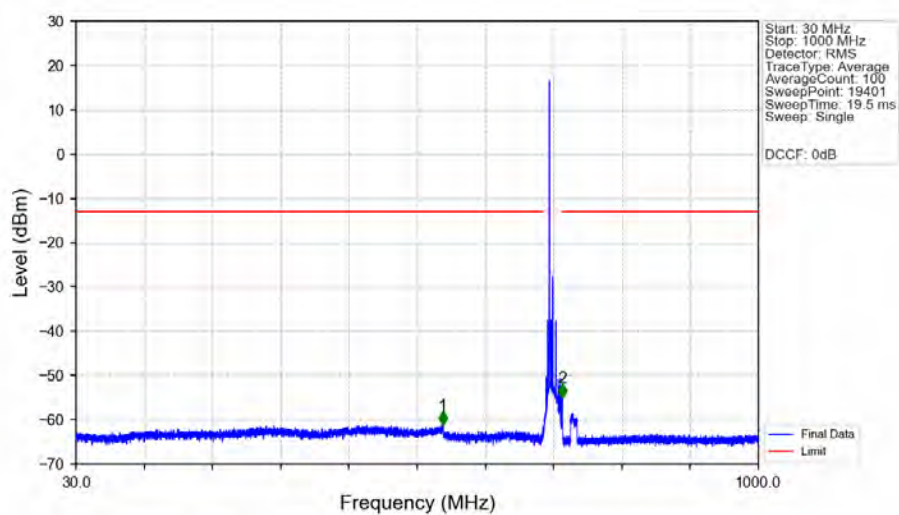


n12 15kHz SISO NTNV 10MHz CP-OFDM QPSK 704MHz Inner 1RB Left Ant1



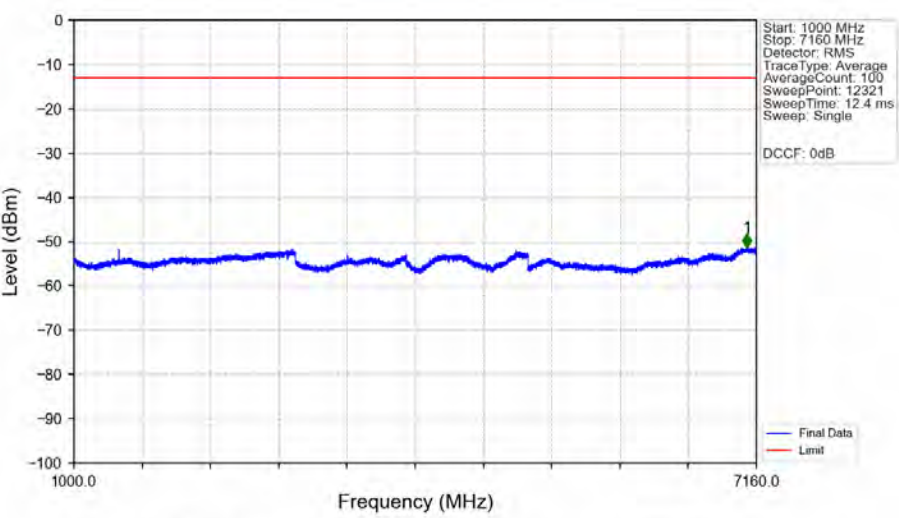
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	697.135	-37.56	-13	Pass
698.9	699	0.03	/	2	698.995	-43.04	-13	Pass
699	709	0.03	/	/	/	/	/	/

n12 15kHz SISO NTNV 10MHz CP-OFDM QPSK 707.5MHz Edge 1RB Left Ant1



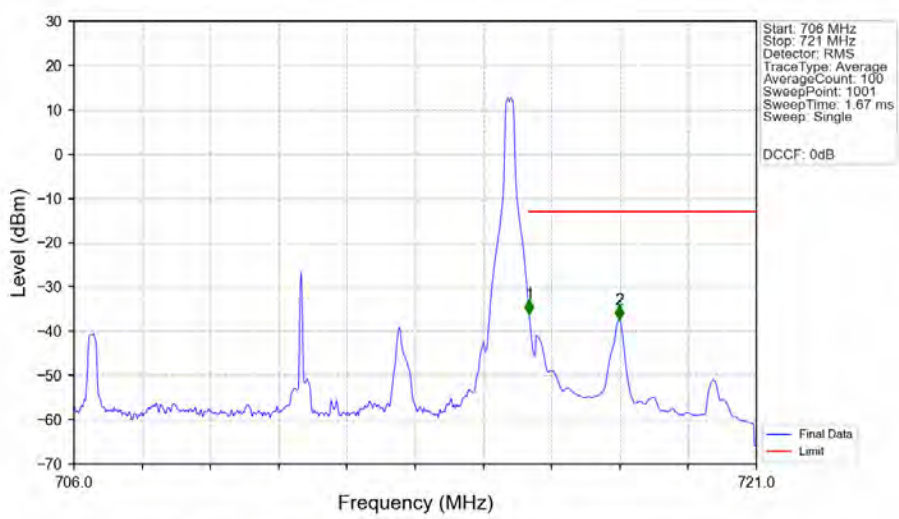
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	551.300	-61.19	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	721.300	-54.95	-13	Pass

n12 15kHz SISO NTNv 10MHz CP-OFDM QPSK 707.5MHz Edge 1RB Left Ant1



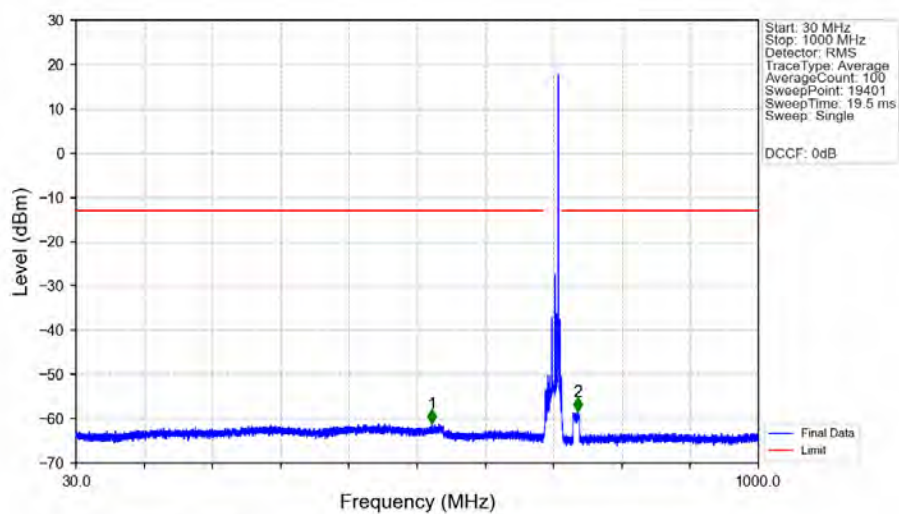
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	7075.500	-51.23	-13	Pass

n12 15kHz SISO NTNv 10MHz CP-OFDM QPSK 711MHz Edge 1RB Right Ant1



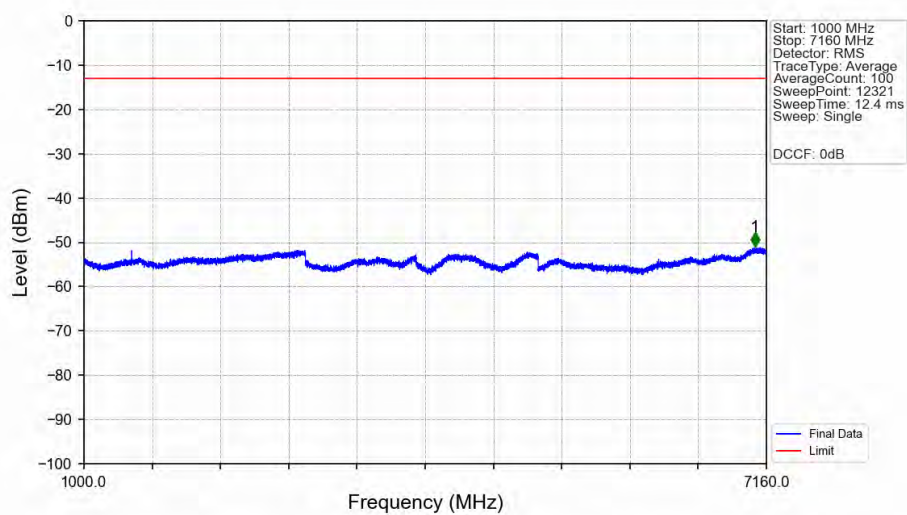
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.005	-36.09	-13	Pass
716.1	721	0.1	CHP	2	717.985	-37.39	-13	Pass

n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 711MHz Edge 1RB Right Ant1



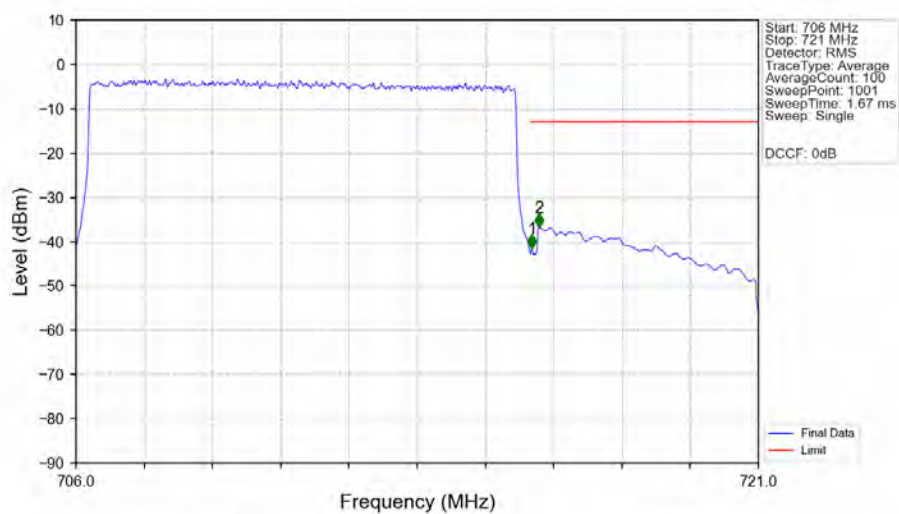
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	535.950	-61.04	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	743.250	-58.25	-13	Pass

n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 711MHz Edge 1RB Right Ant1



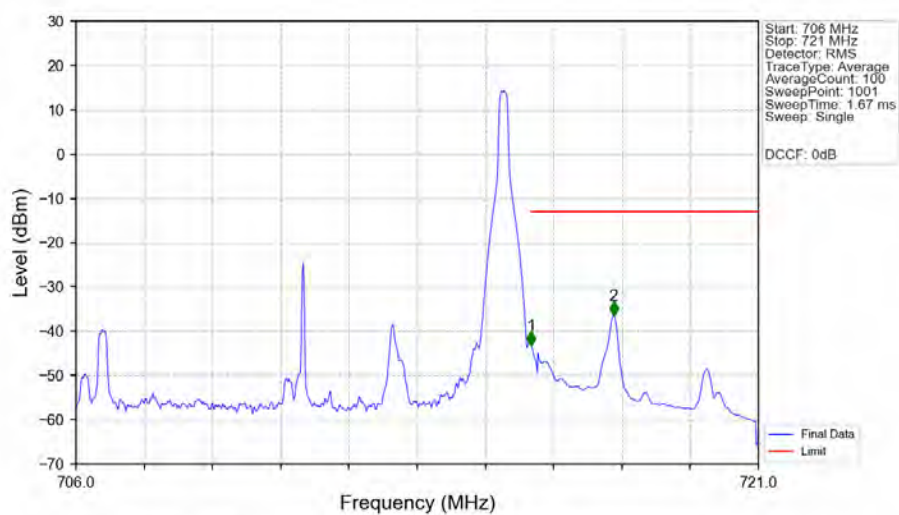
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	7055.500	-51.00	-13	Pass

n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 711MHz Outer Full Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-41.44	-13	Pass
716.1	721	0.1	CHP	2	716.185	-36.84	-13	Pass

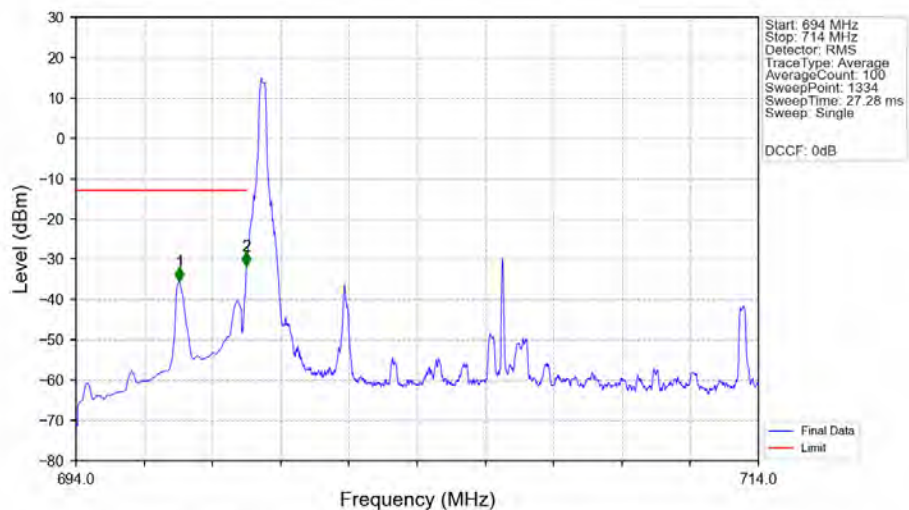
n12 15kHz SISO NTN 10MHz CP-OFDM QPSK 711MHz Inner 1RB Right Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.005	-43.21	-13	Pass
716.1	721	0.1	CHP	2	717.820	-36.50	-13	Pass

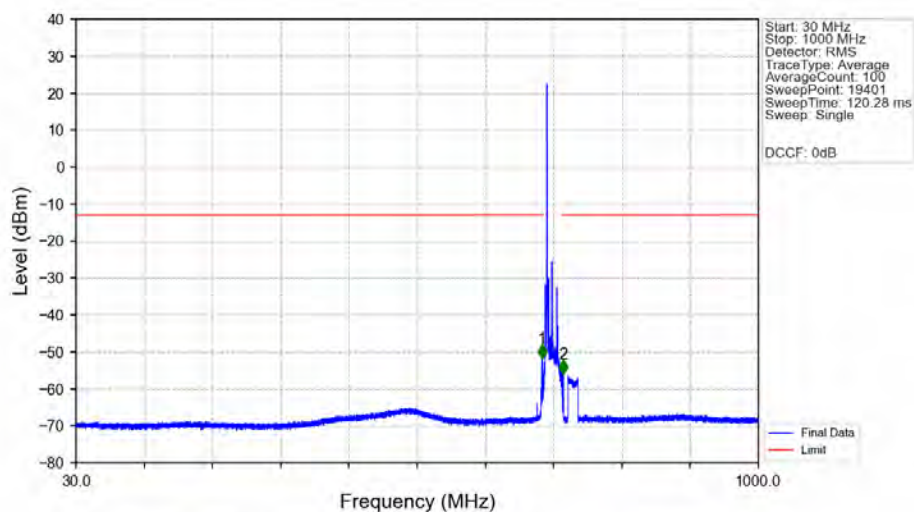
5.2.3 15k_SISO_15MHz_NTNV

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_706.5MHz_Edge_1RB_Left_Ant1



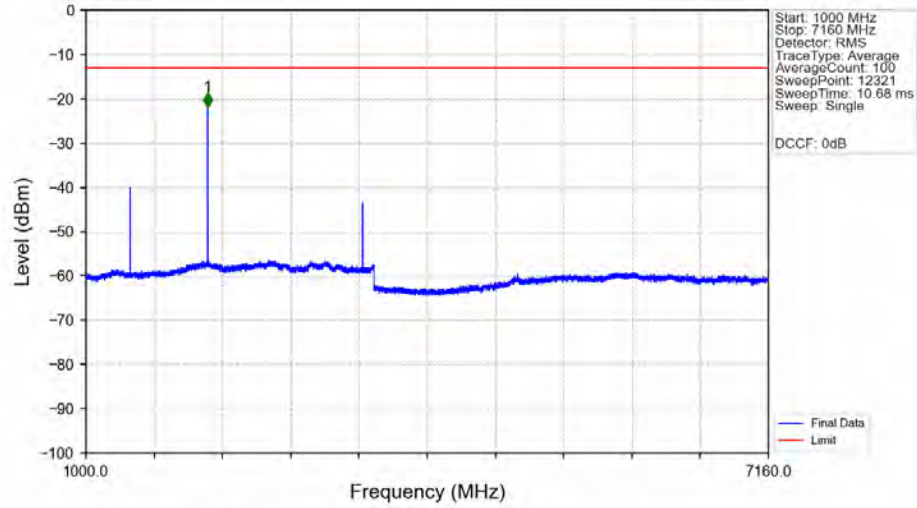
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	697.031	-35.52	-13	Pass
698.9	699	0.03	/	2	698.996	-31.70	-13	Pass
699	714	0.03	/	/	/	/	/	/

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_PI/2_BPSK_706.5MHz_Edge_1RB_Left_Ant1

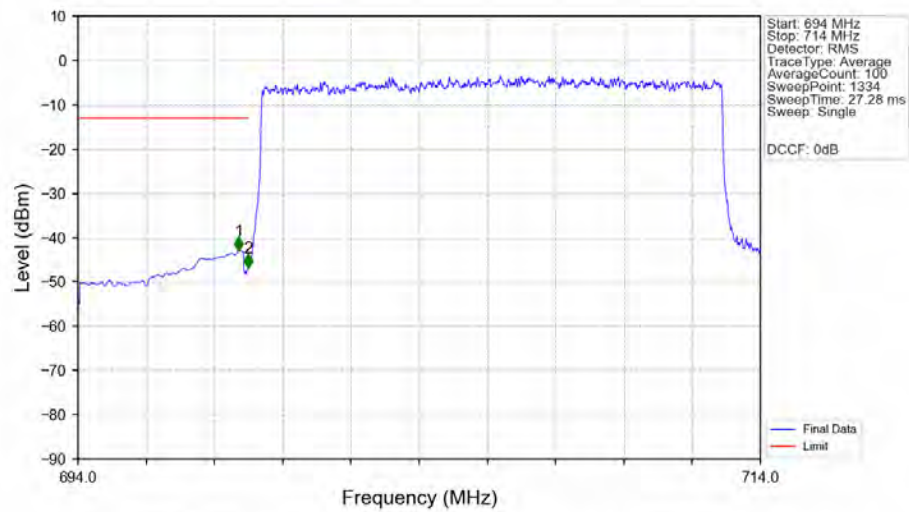


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	692.750	-51.75	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	722.500	-55.80	-13	Pass

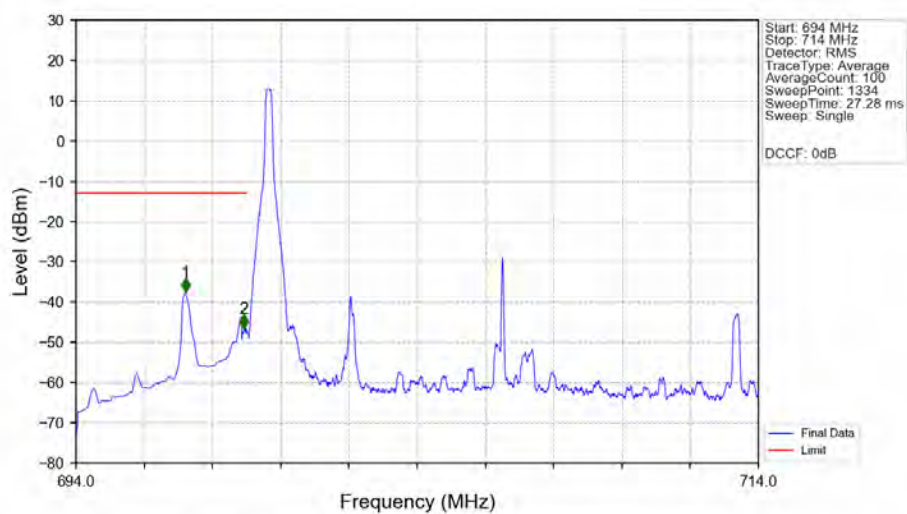
n12 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 706.5MHz Edge 1RB Left Ant1



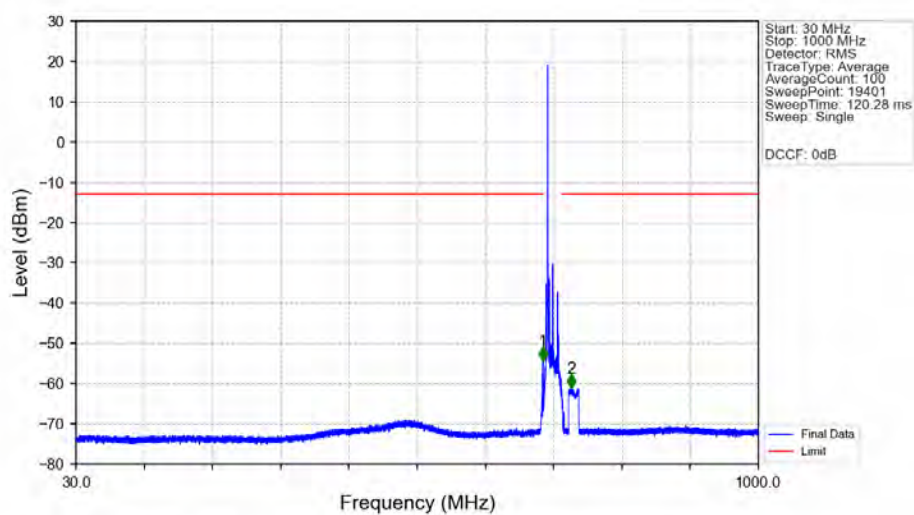
n12 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 706.5MHz Outer Full Ant1

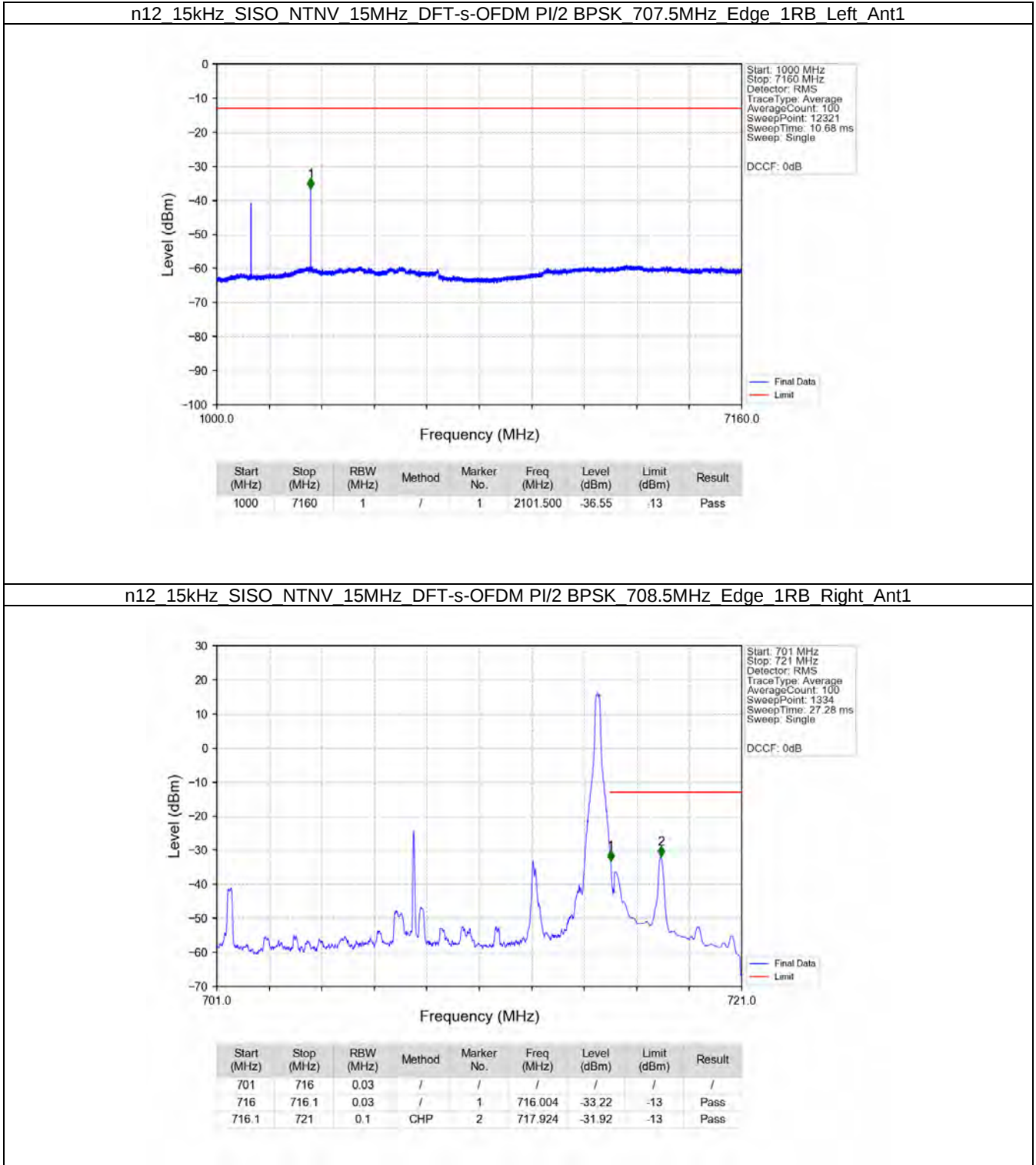


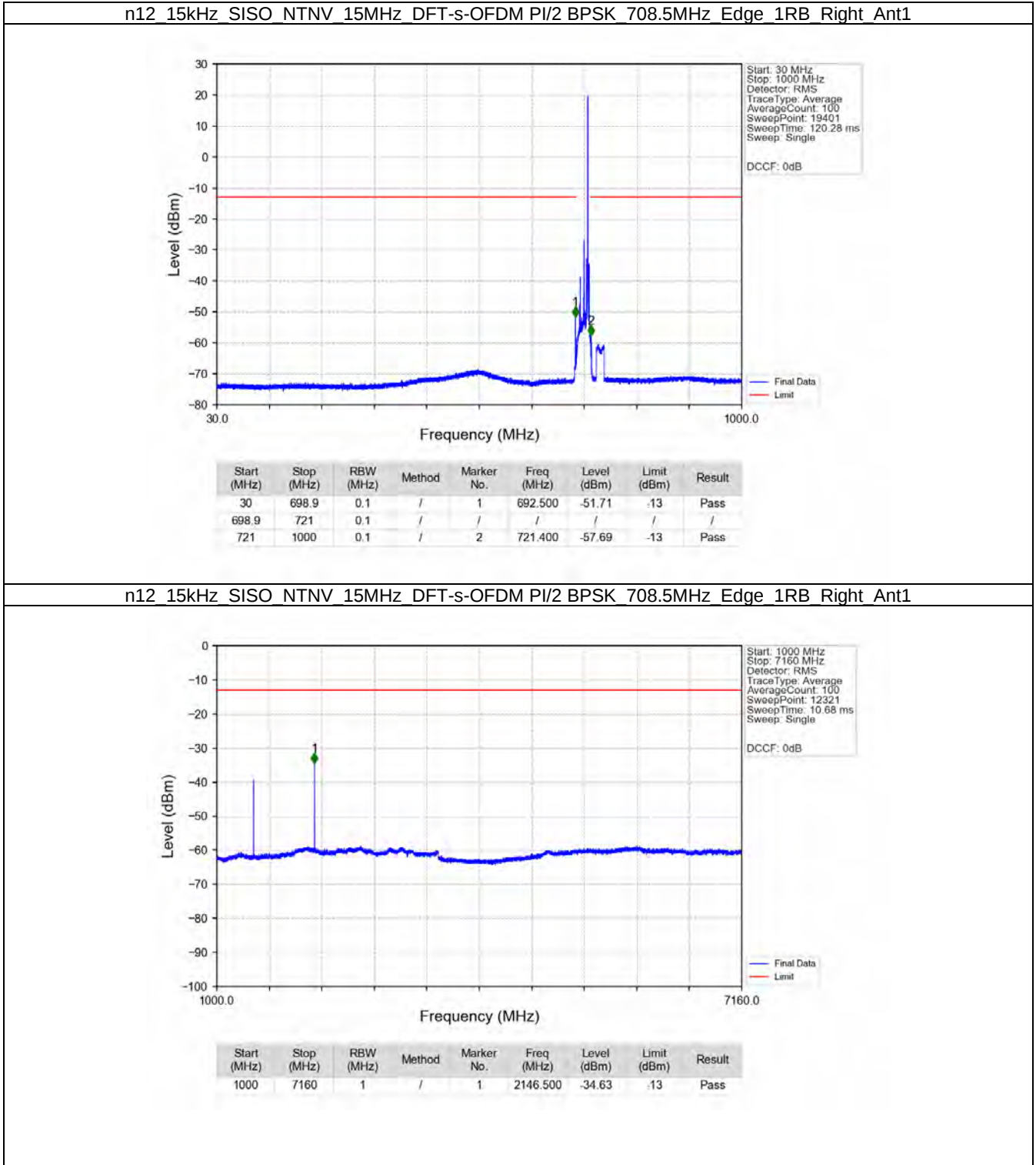
n12 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 706.5MHz Inner 1RB Left Ant1



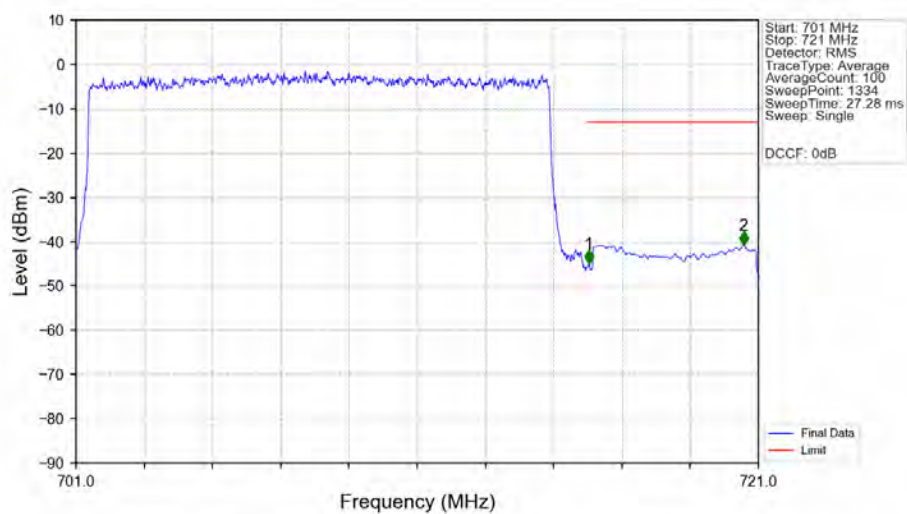
n12 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 707.5MHz Edge 1RB Left Ant1



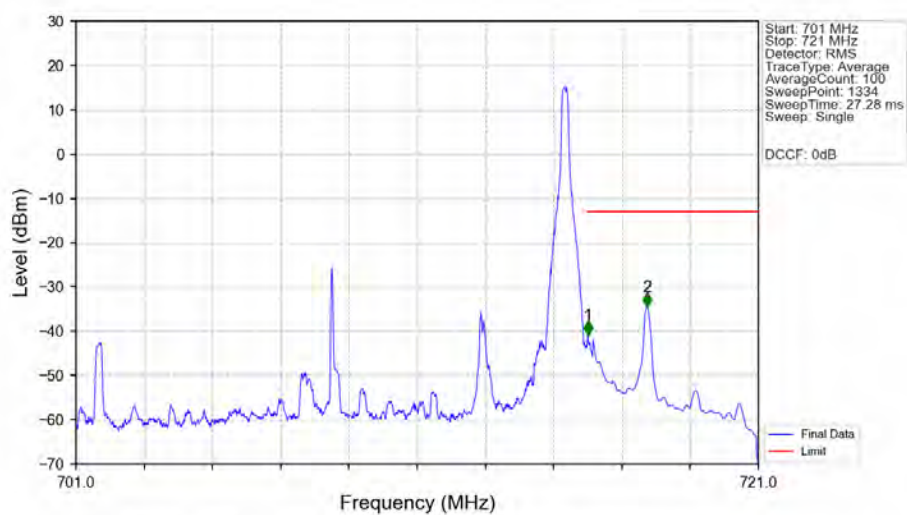




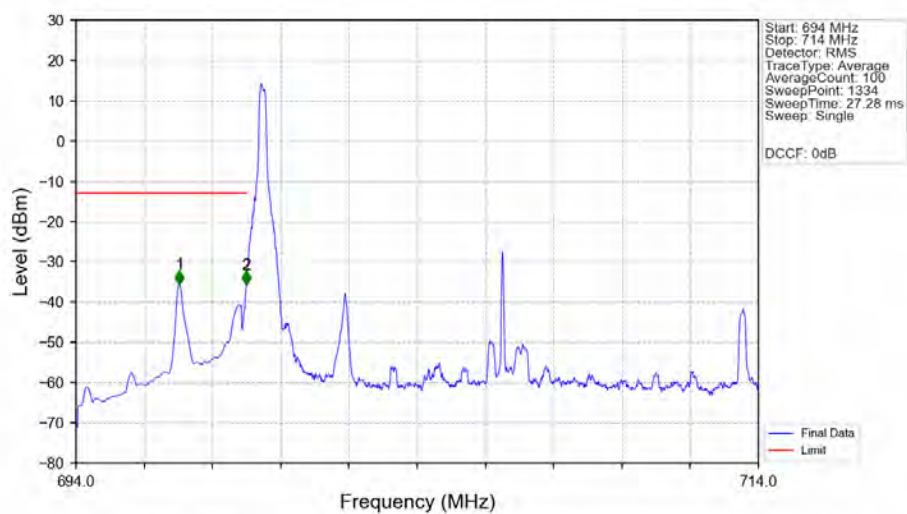
n12 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 708.5MHz Outer Full Ant1



n12 15kHz SISO NTN 15MHz DFT-s-OFDM PI/2 BPSK 708.5MHz Inner 1RB Right Ant1

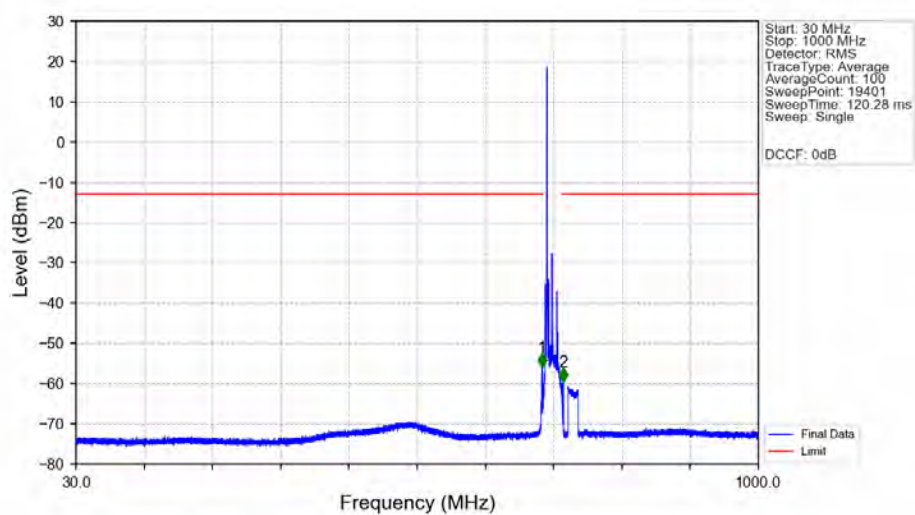


n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 706.5MHz Edge 1RB Left Ant1



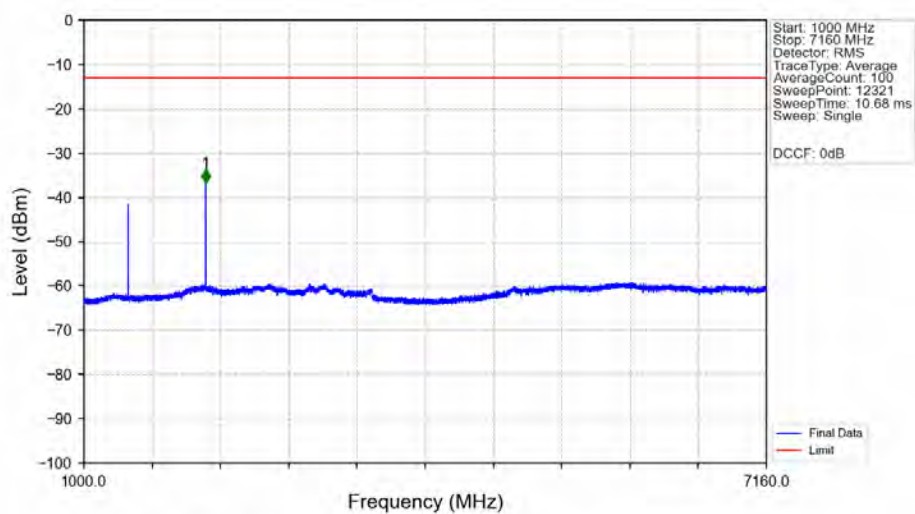
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	697.031	-35.56	-13	Pass
698.9	699	0.03	/	2	698.996	-35.63	-13	Pass
699	714	0.03	/	/	/	/	/	/

n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 706.5MHz Edge 1RB Left Ant1

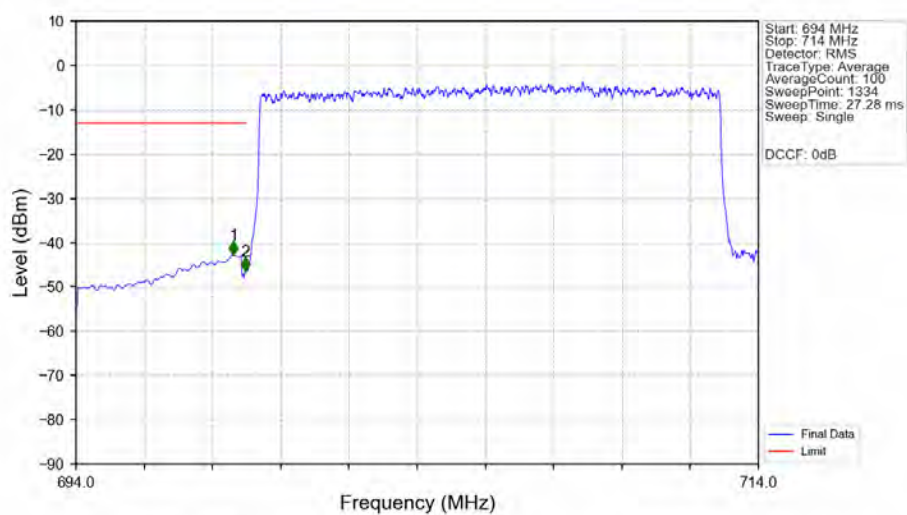


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	692.750	-55.95	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	722.500	-59.42	-13	Pass

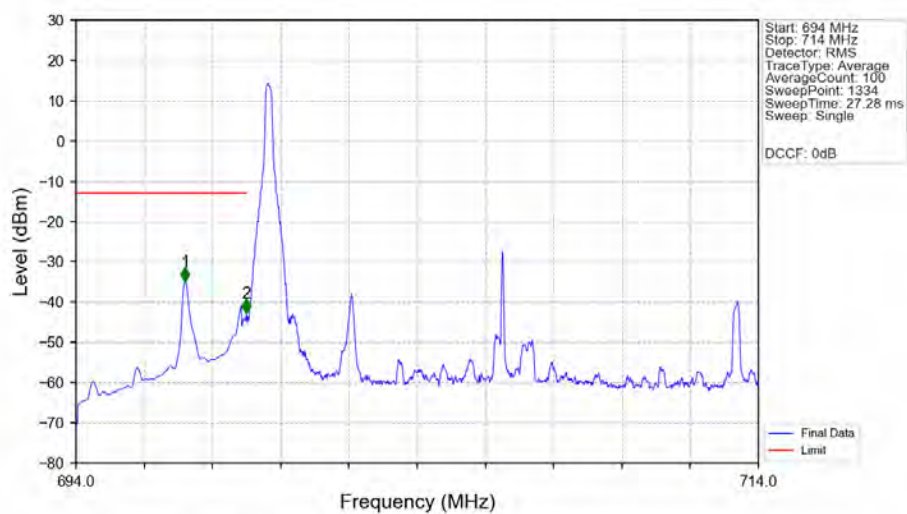
n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 706.5MHz Edge 1RB Left Ant1



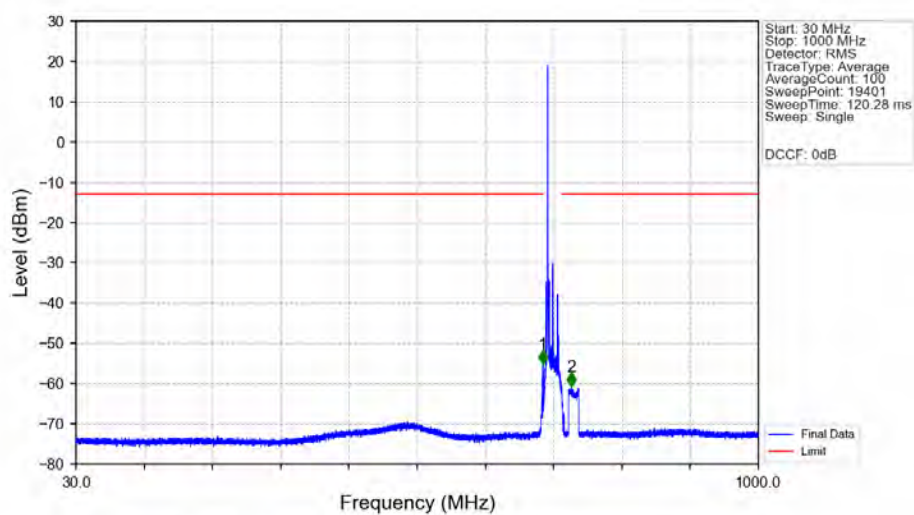
n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 706.5MHz Outer Full Ant1



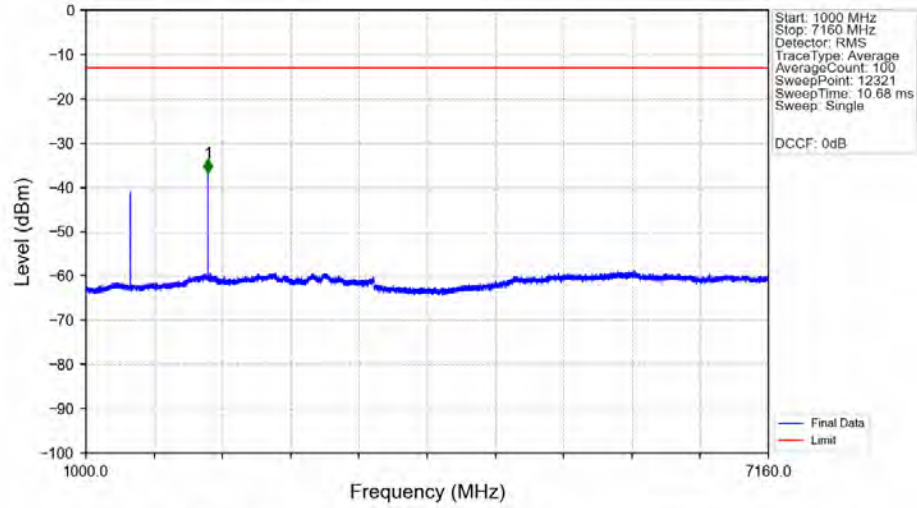
n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 706.5MHz Inner 1RB Left Ant1



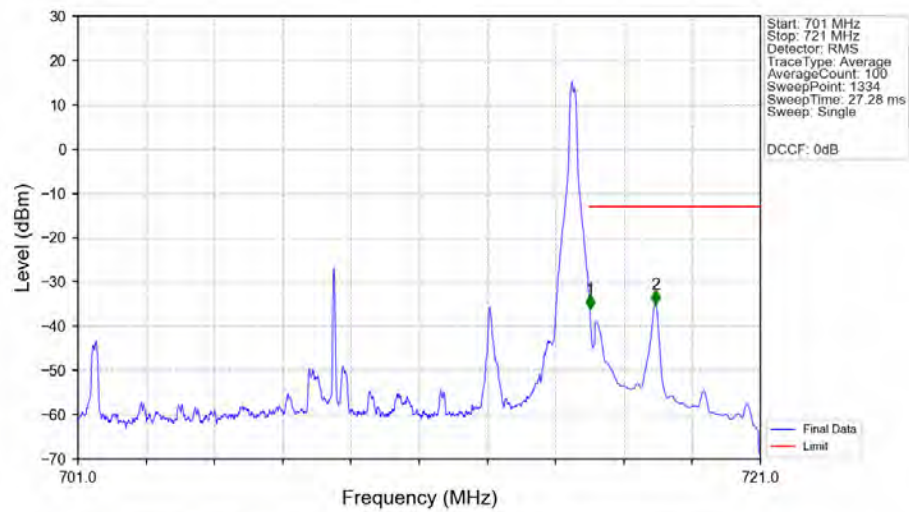
n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 707.5MHz Edge 1RB Left Ant1

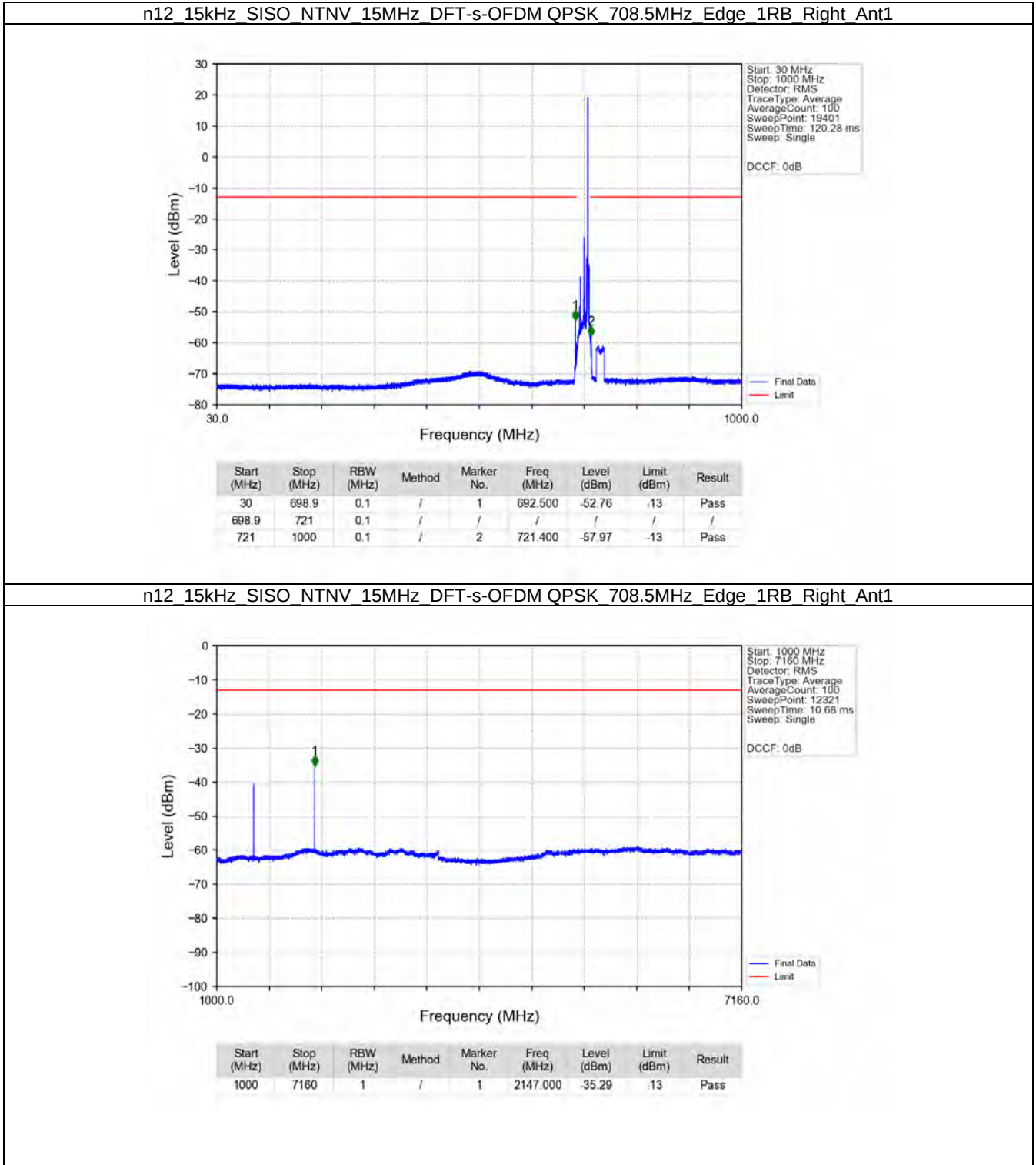


n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 707.5MHz Edge 1RB Left Ant1

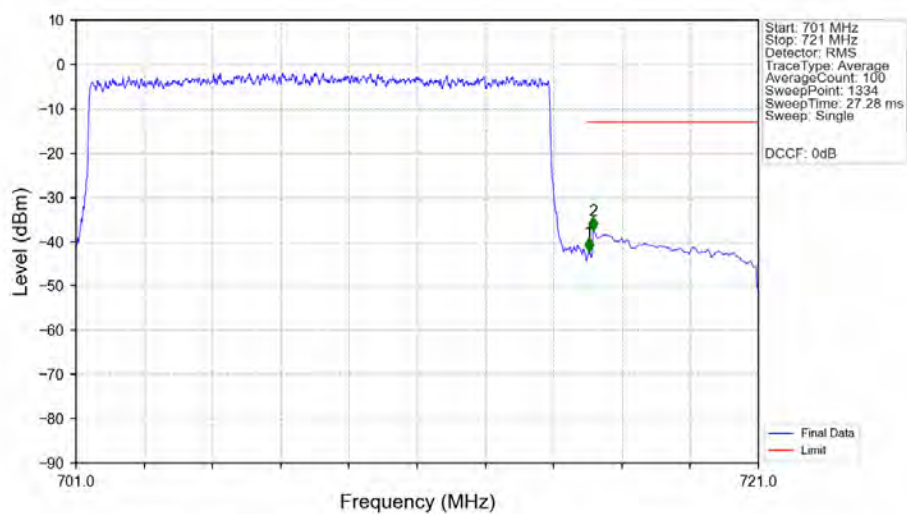


n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 708.5MHz Edge 1RB Right Ant1



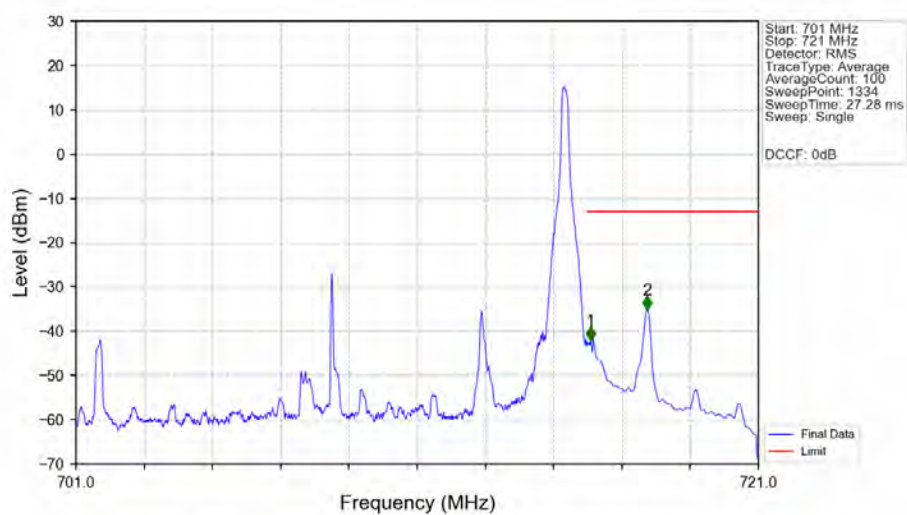


n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 708.5MHz Outer Full Ant1



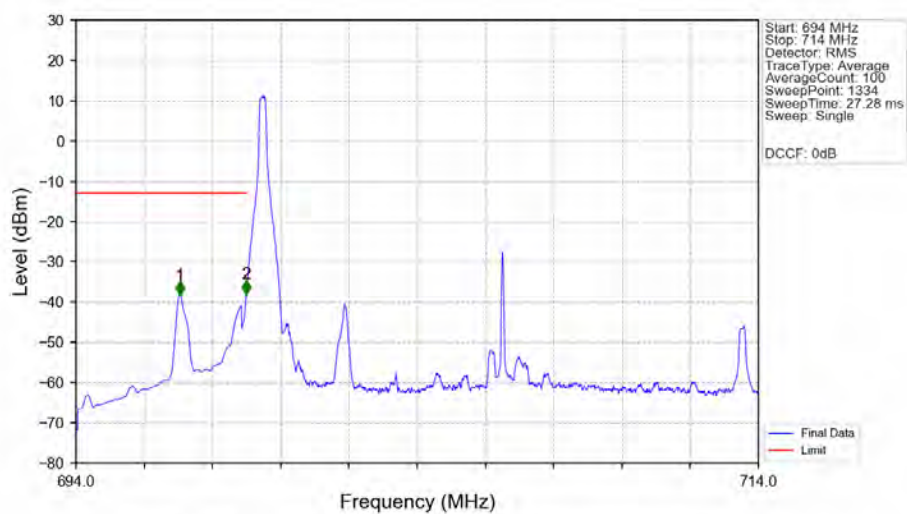
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
701	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.034	-42.26	-13	Pass
716.1	721	0.1	CHP	2	716.154	-37.46	-13	Pass

n12 15kHz SISO NTN 15MHz DFT-s-OFDM QPSK 708.5MHz Inner 1RB Right Ant1



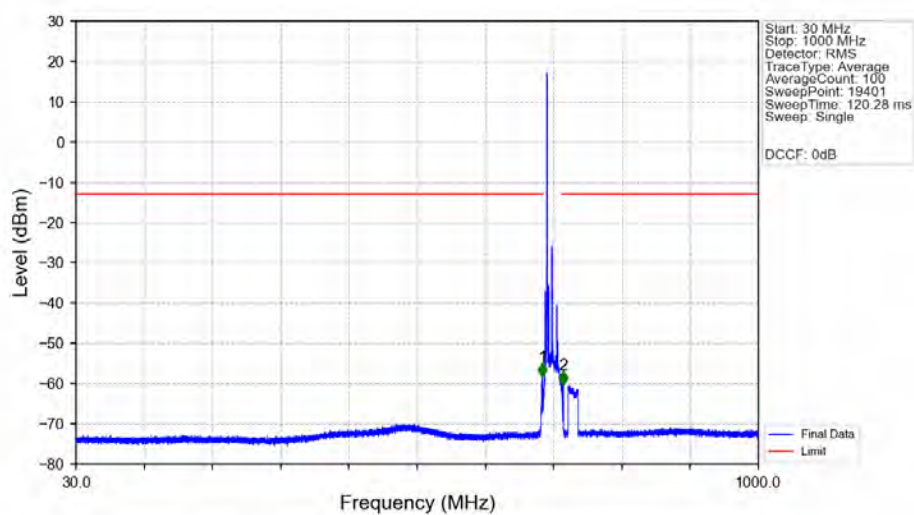
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
701	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.079	-42.06	-13	Pass
716.1	721	0.1	CHP	2	717.744	-35.07	-13	Pass

n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 706.5MHz Edge 1RB Left Ant1



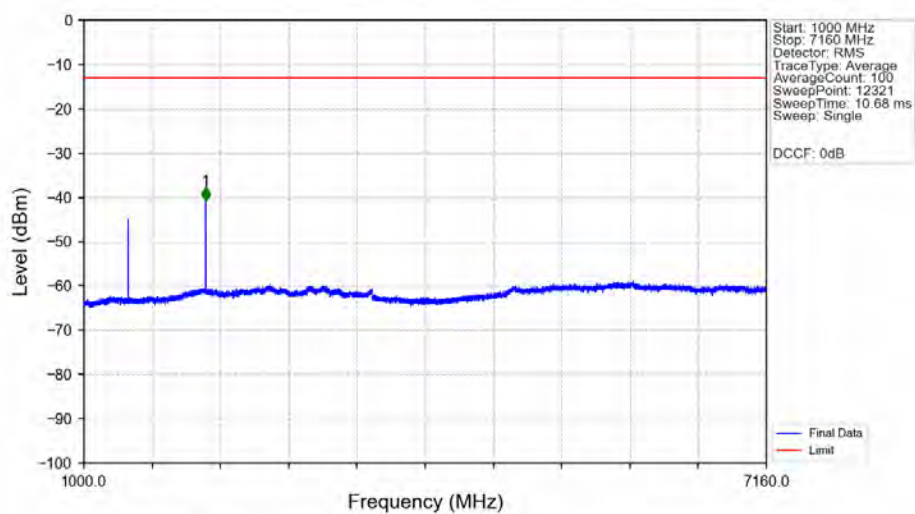
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	697.046	-38.17	-13	Pass
698.9	699	0.03	/	2	698.996	-37.96	-13	Pass
699	714	0.03	/	/	/	/	/	/

n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 706.5MHz Edge 1RB Left Ant1

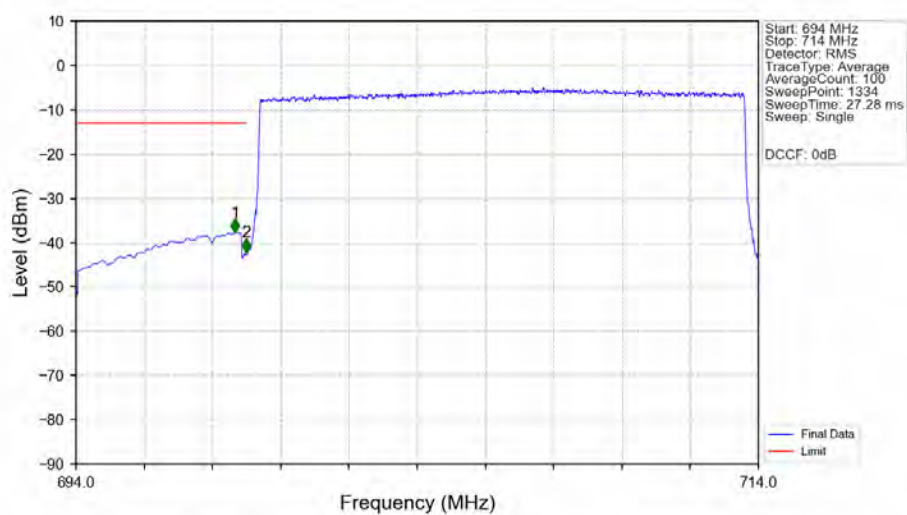


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	692.800	-58.23	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	722.500	-60.27	-13	Pass

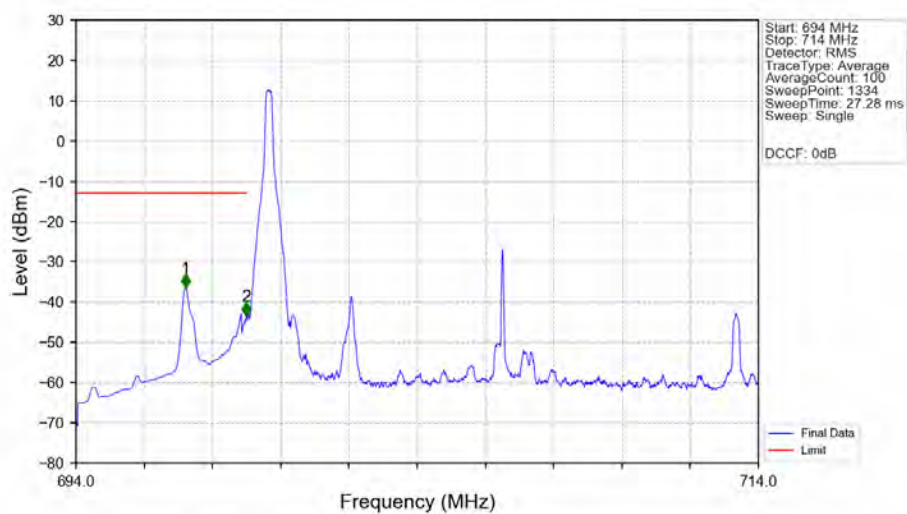
n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 706.5MHz Edge 1RB Left Ant1



n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 706.5MHz Outer Full Ant1

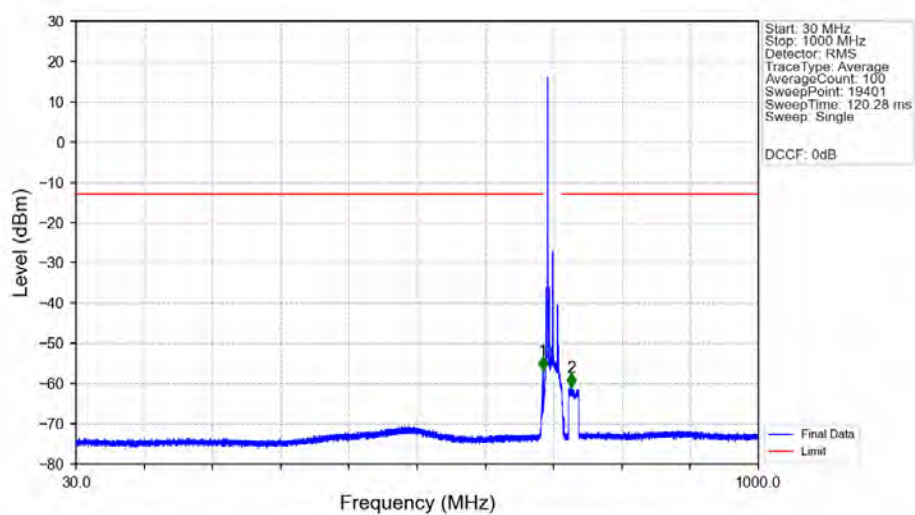


n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 706.5MHz Inner 1RB Left Ant1



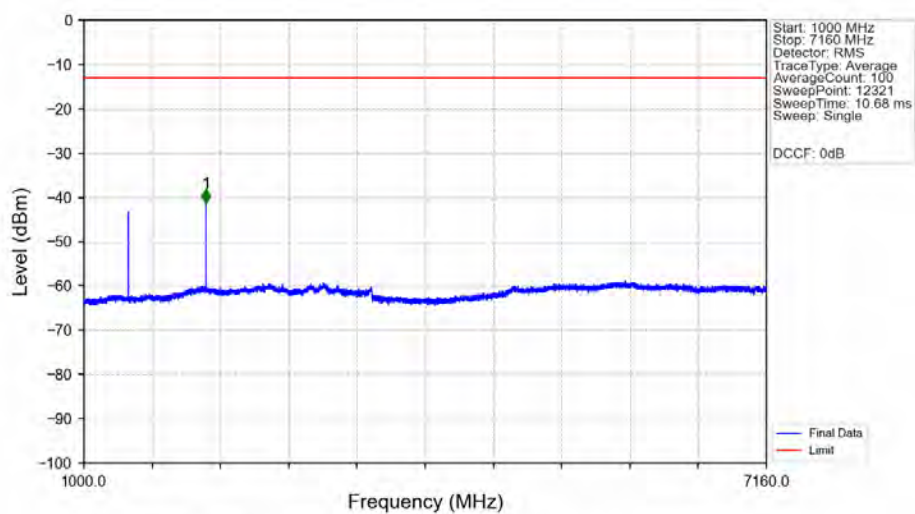
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	697.211	-36.48	-13	Pass
698.9	699	0.03	/	2	698.996	-43.40	-13	Pass
699	714	0.03	/	/	/	/	/	/

n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 707.5MHz Edge 1RB Left Ant1

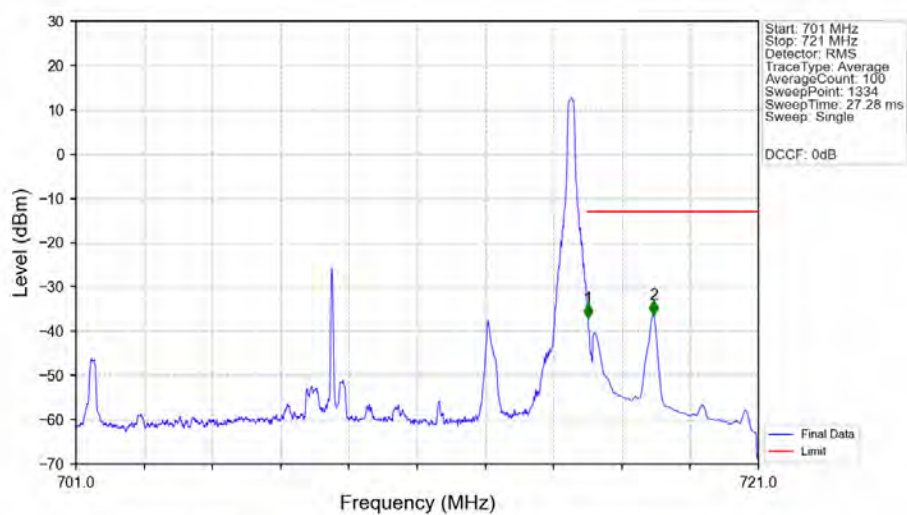


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	693.800	-56.71	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	734.000	-60.86	-13	Pass

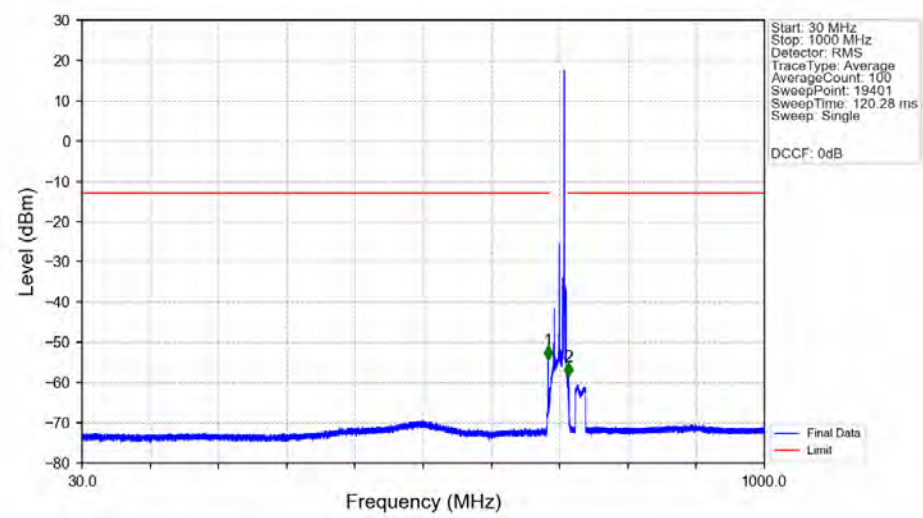
n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 707.5MHz Edge 1RB Left Ant1



n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 708.5MHz Edge 1RB Right Ant1

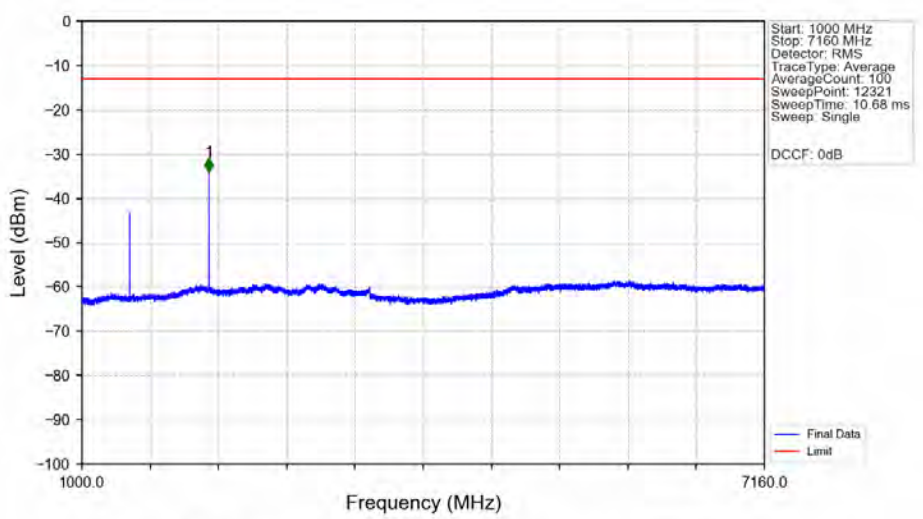


n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 708.5MHz Edge 1RB Right Ant1



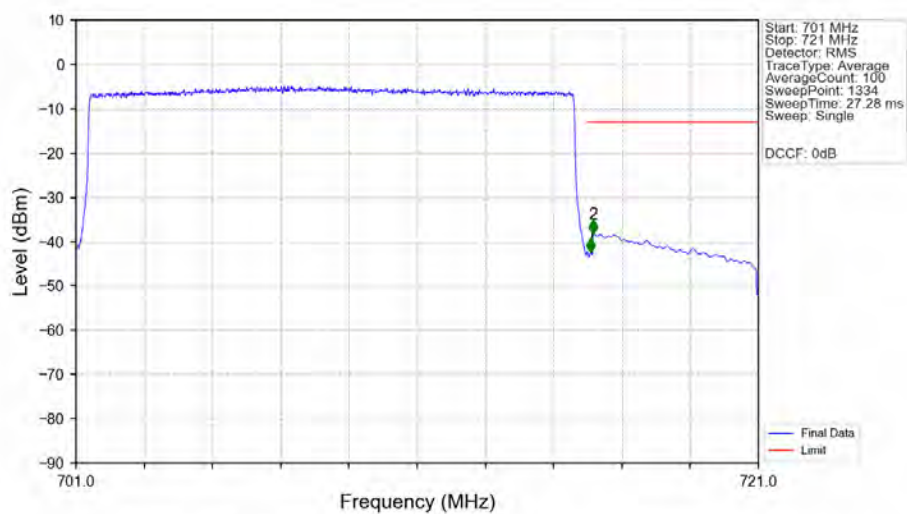
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	698.9	0.1	/	1	692.500	-54.34	-13	Pass
698.9	721	0.1	/	/	/	/	/	/
721	1000	0.1	/	2	721.400	-58.56	-13	Pass

n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 708.5MHz Edge 1RB Right Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	7160	1	/	1	2146.500	-33.94	-13	Pass

n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 708.5MHz Outer Full Ant1



n12 15kHz SISO NTN 15MHz CP-OFDM QPSK 708.5MHz Inner 1RB Right Ant1

