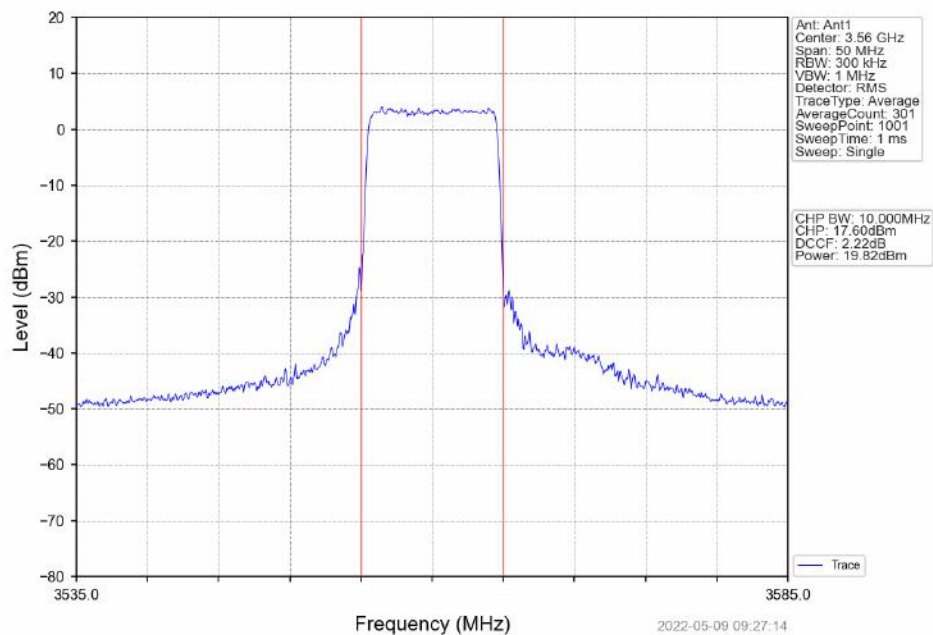
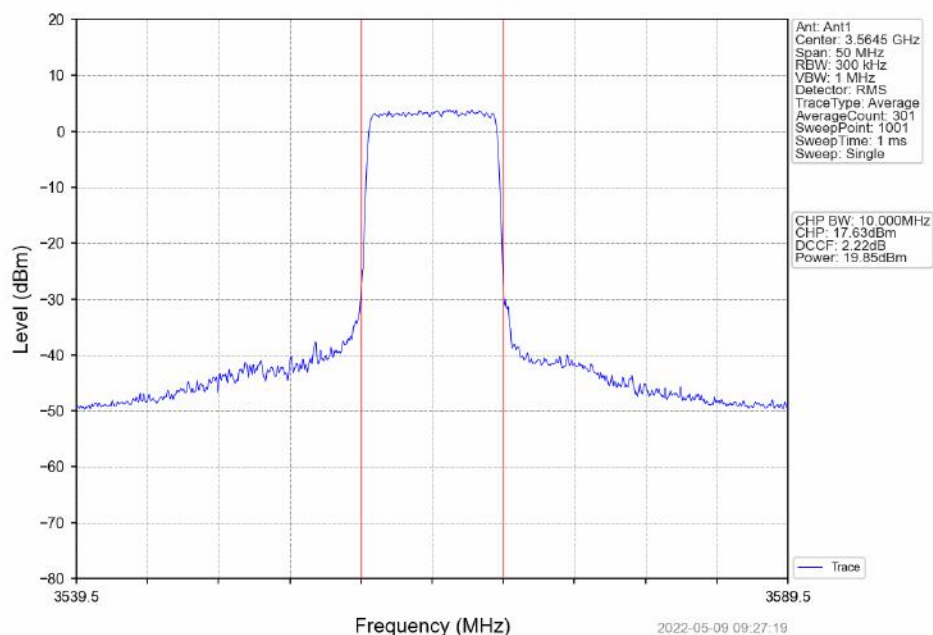


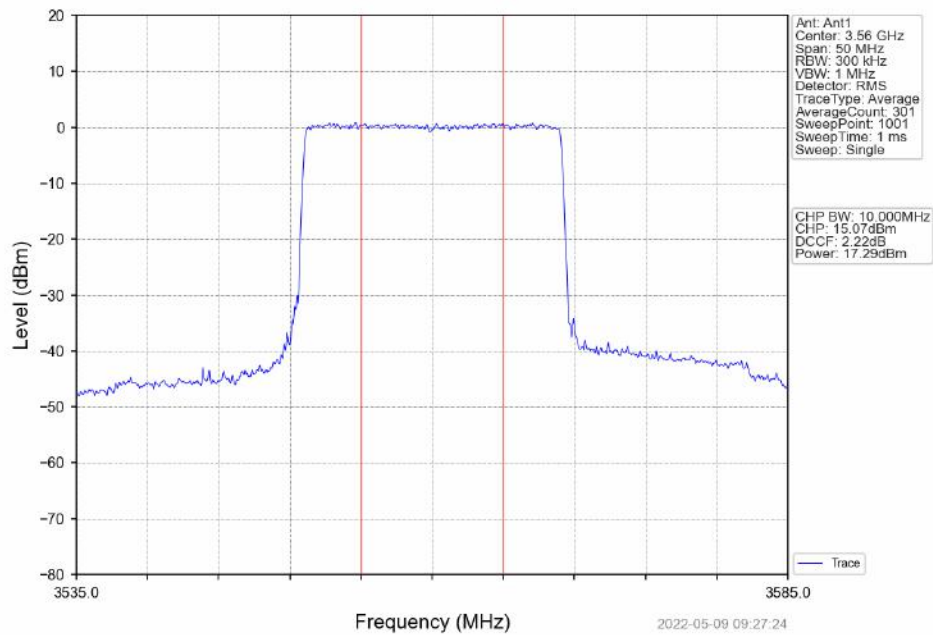
Band48 20MHz QPSK LCH 3560MHz RB 50 25 NTN



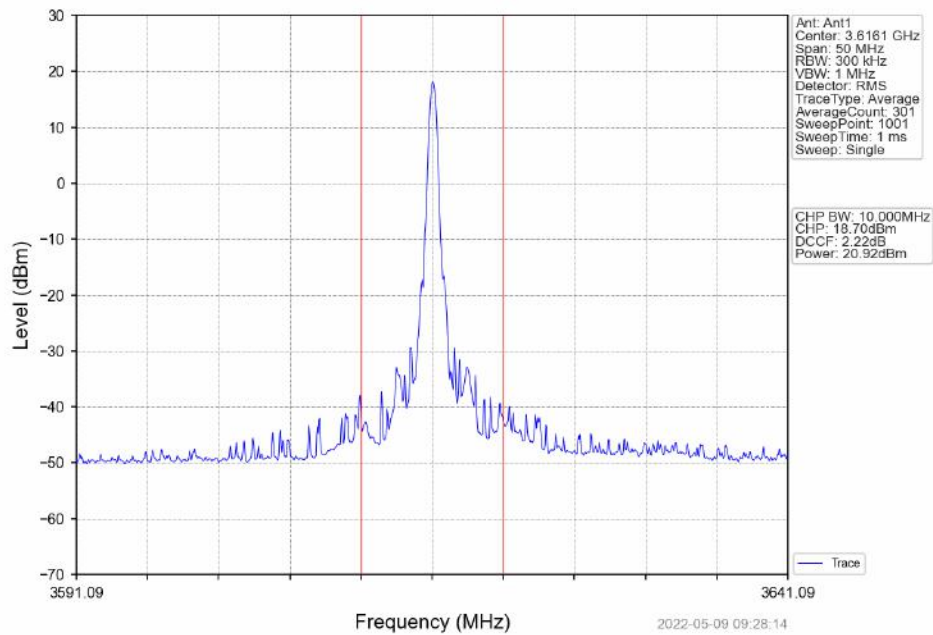
Band48 20MHz QPSK LCH 3560MHz RB 50 50 NTN



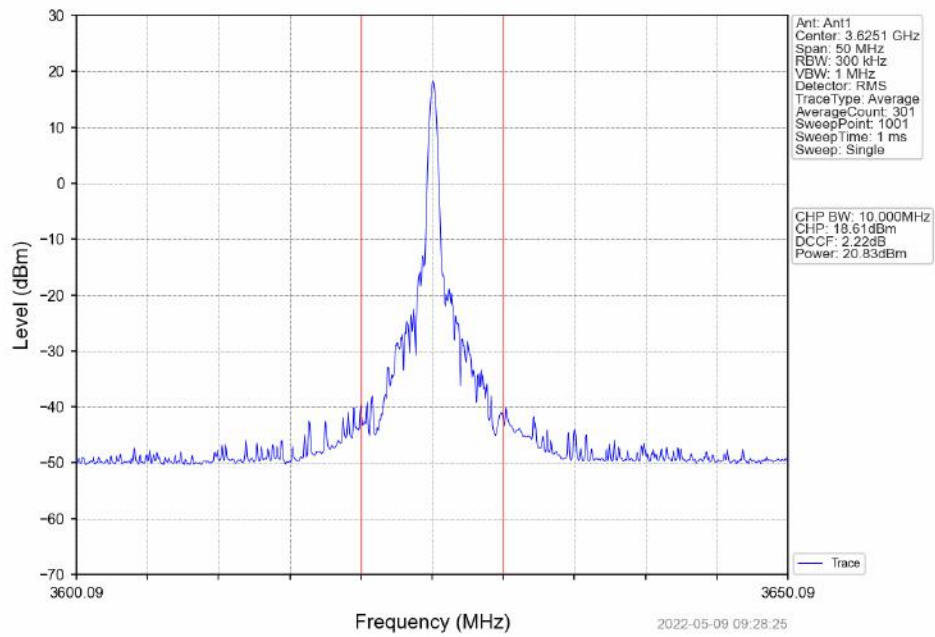
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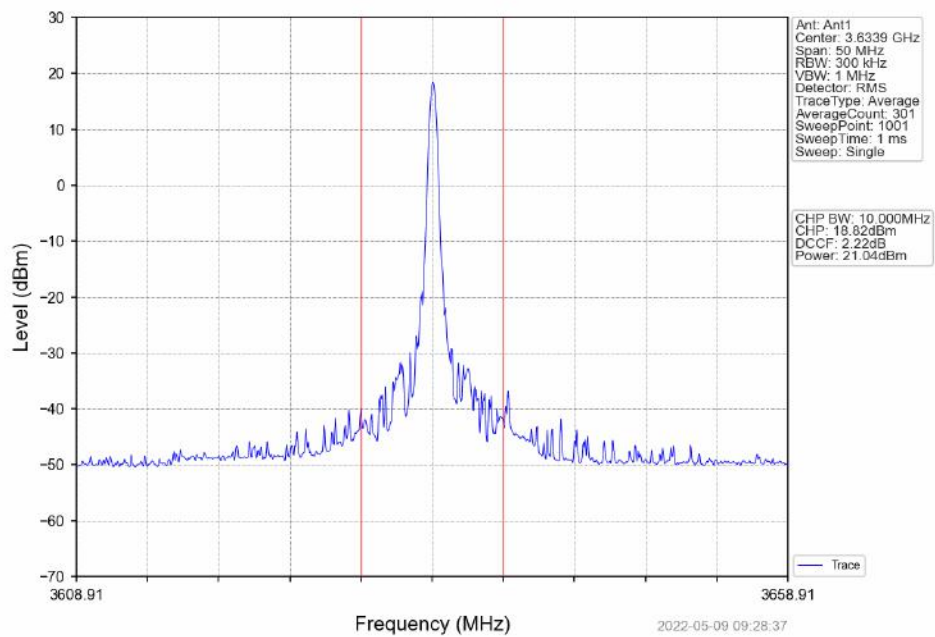
Band48 20MHz QPSK MCH 3625MHz RB 1 0 NTNV



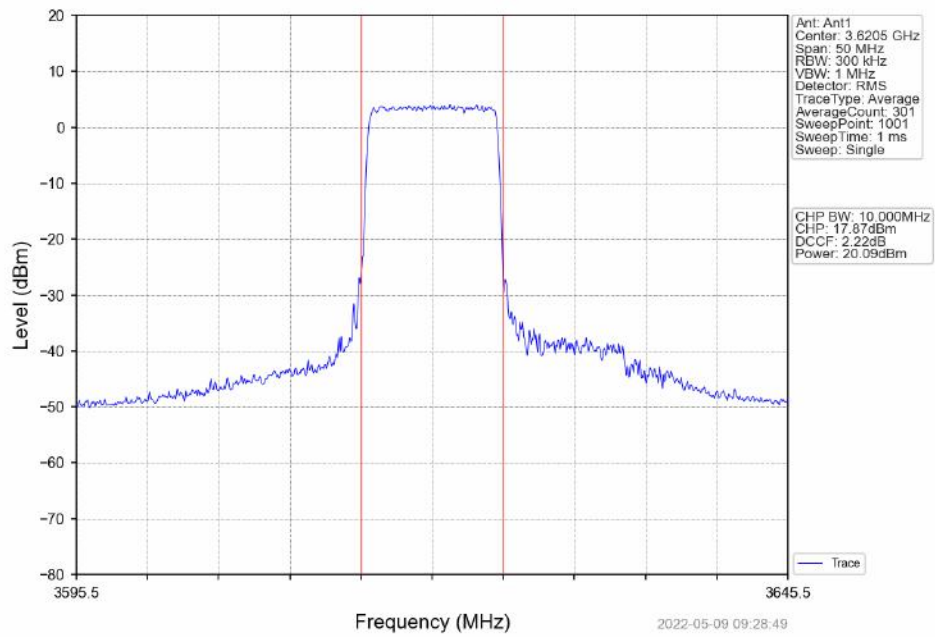
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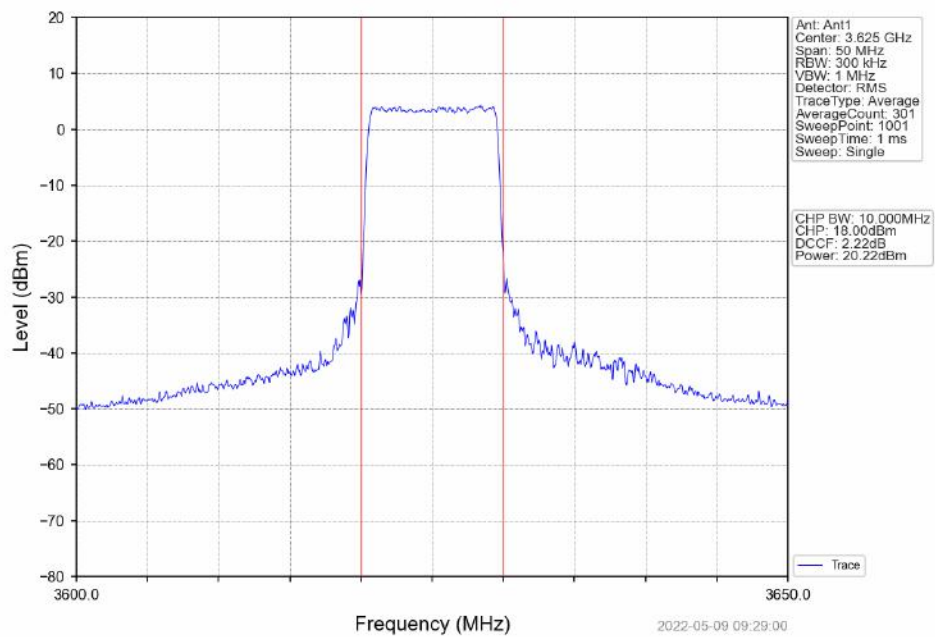
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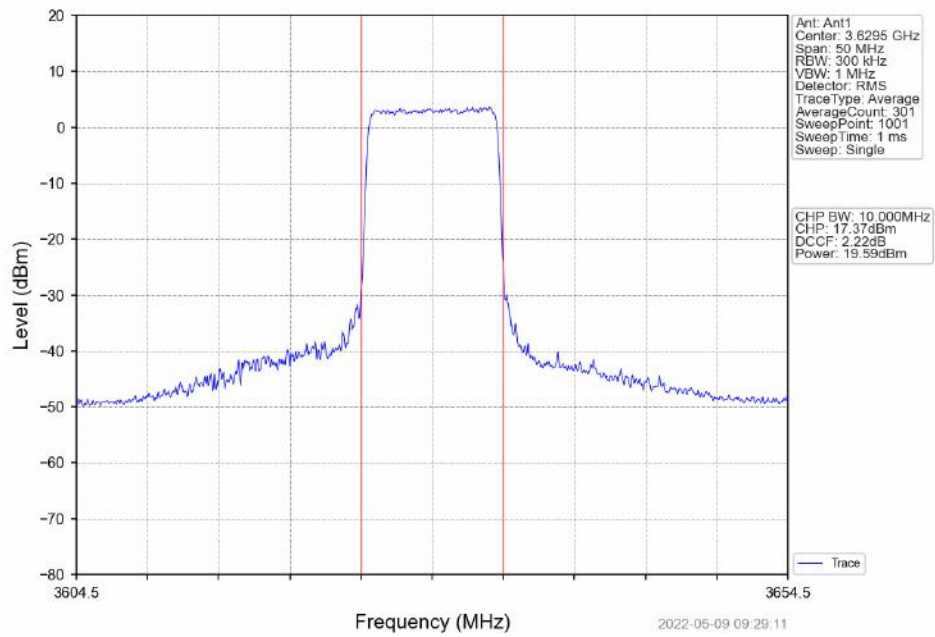
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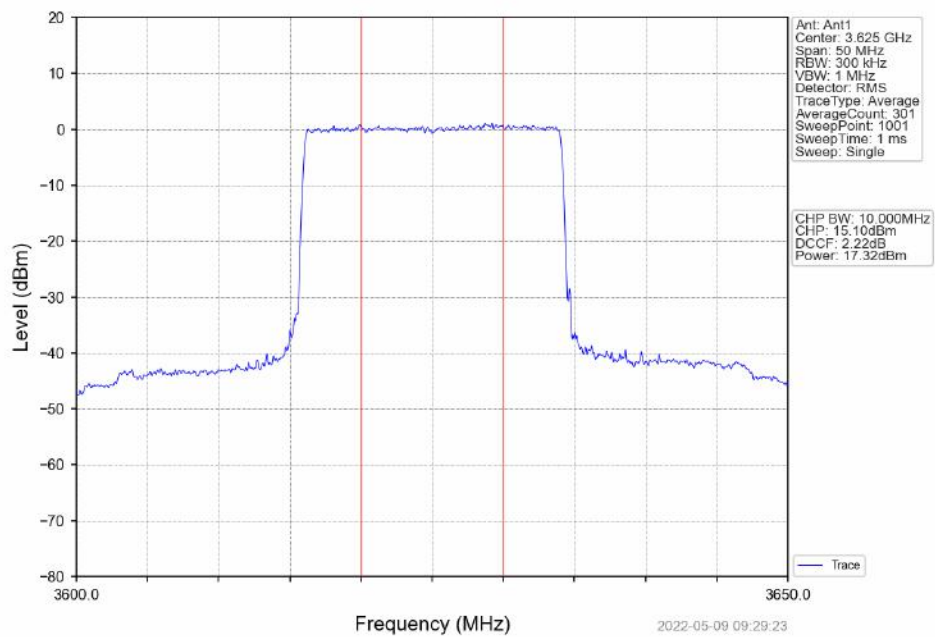
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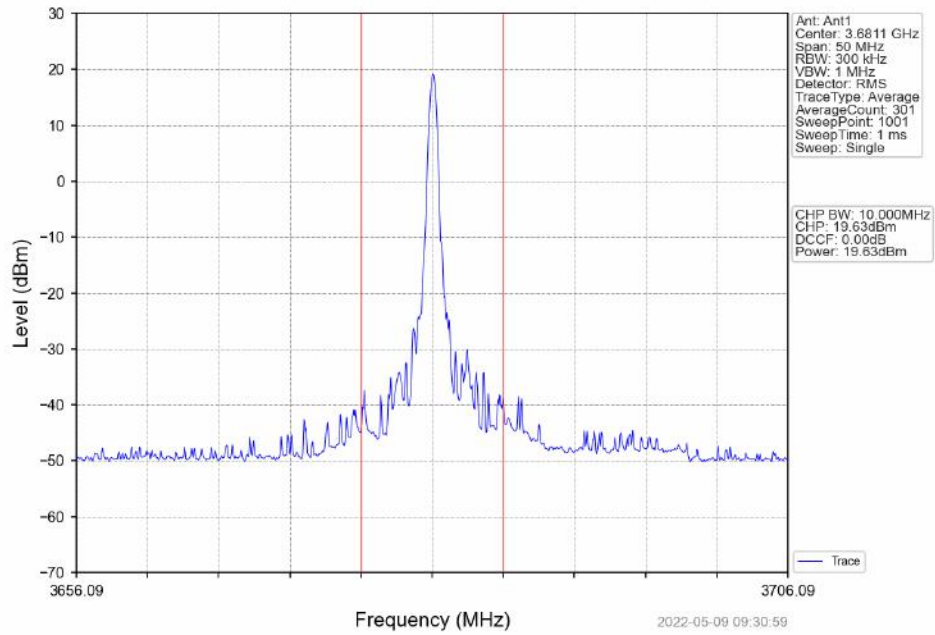
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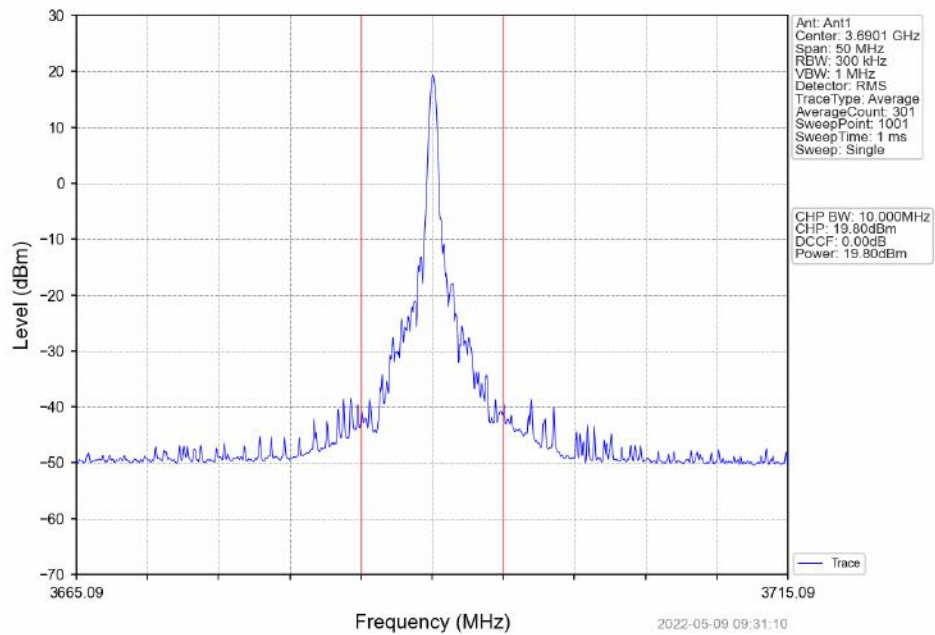
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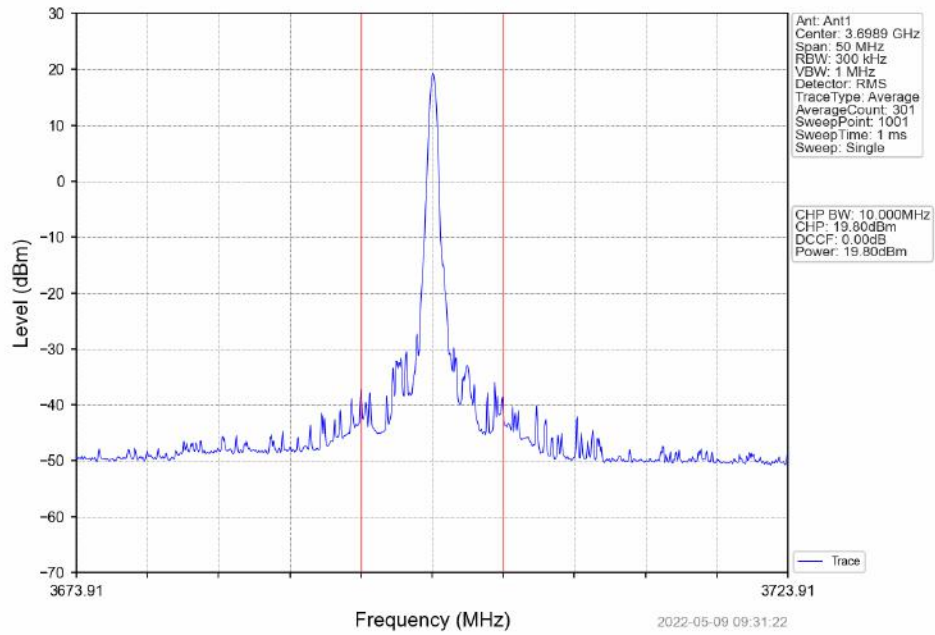
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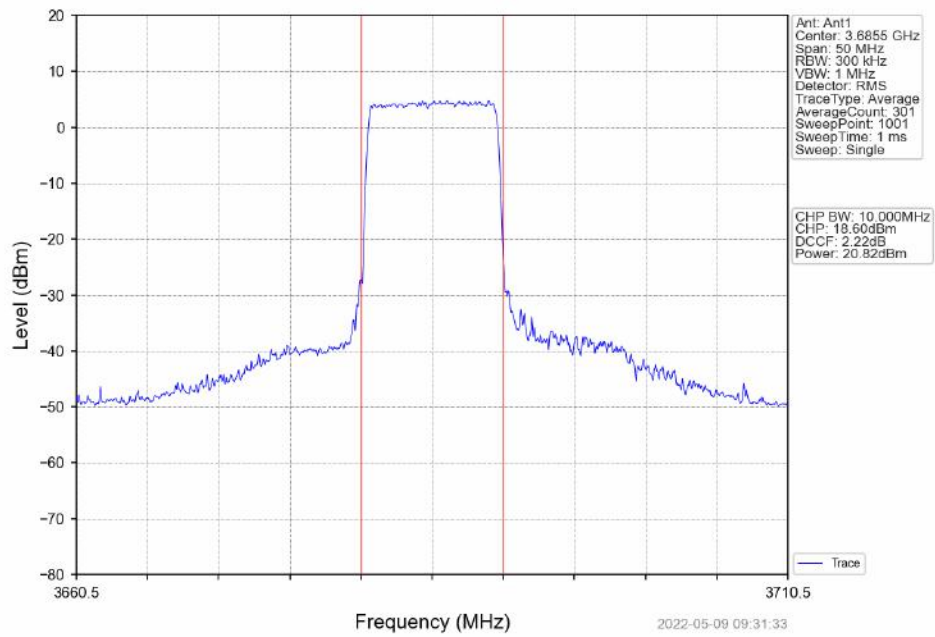
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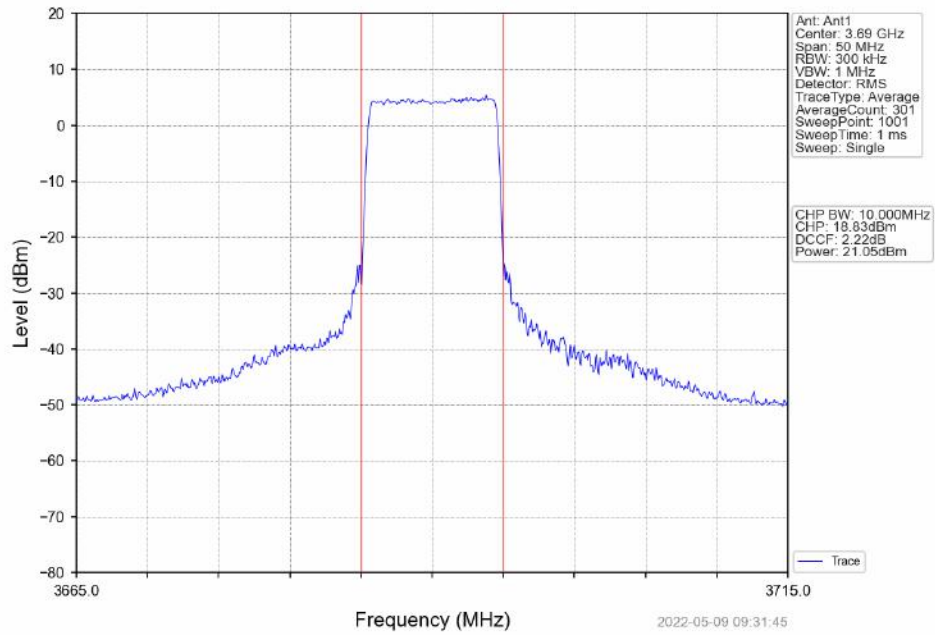
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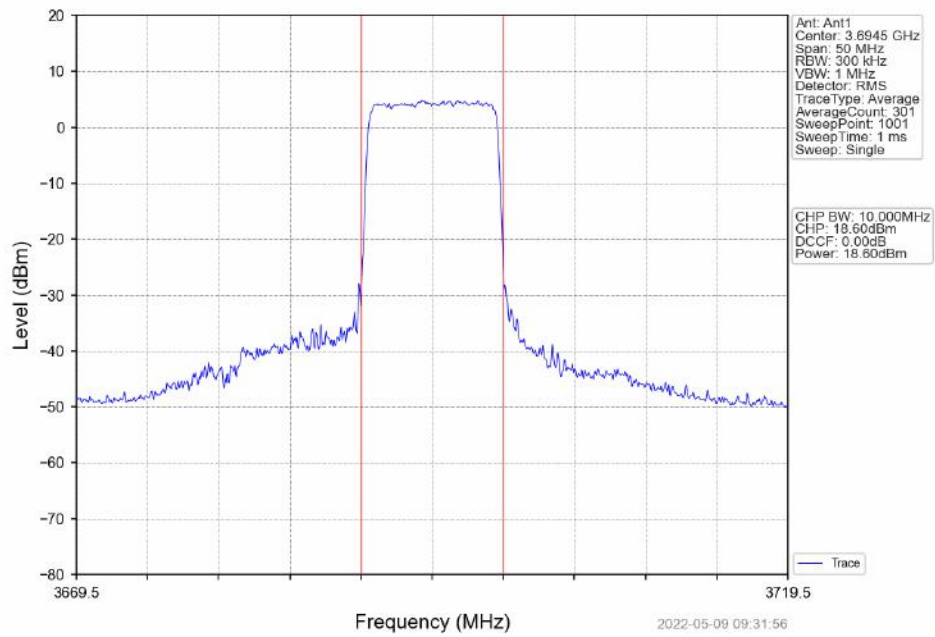
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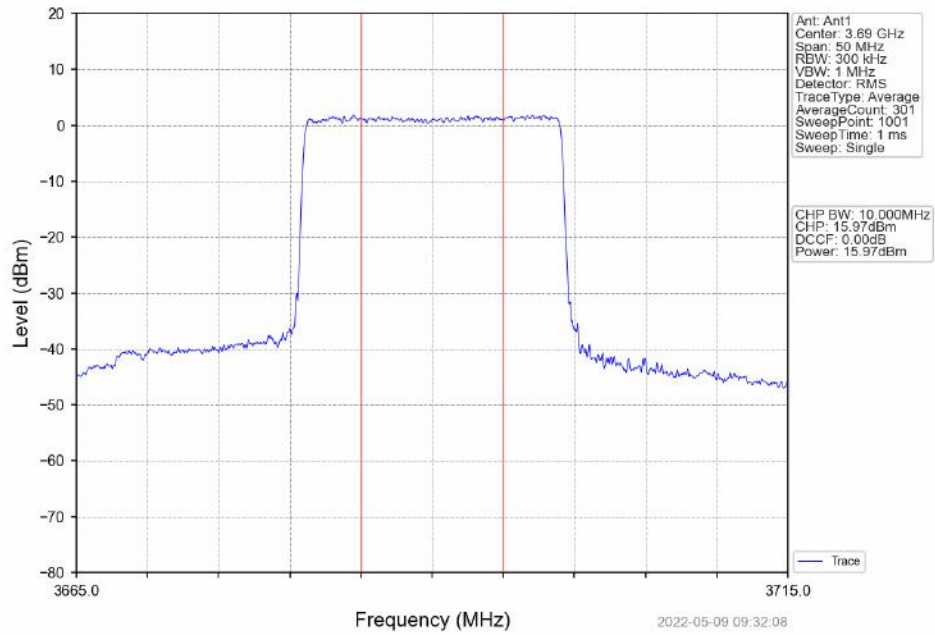
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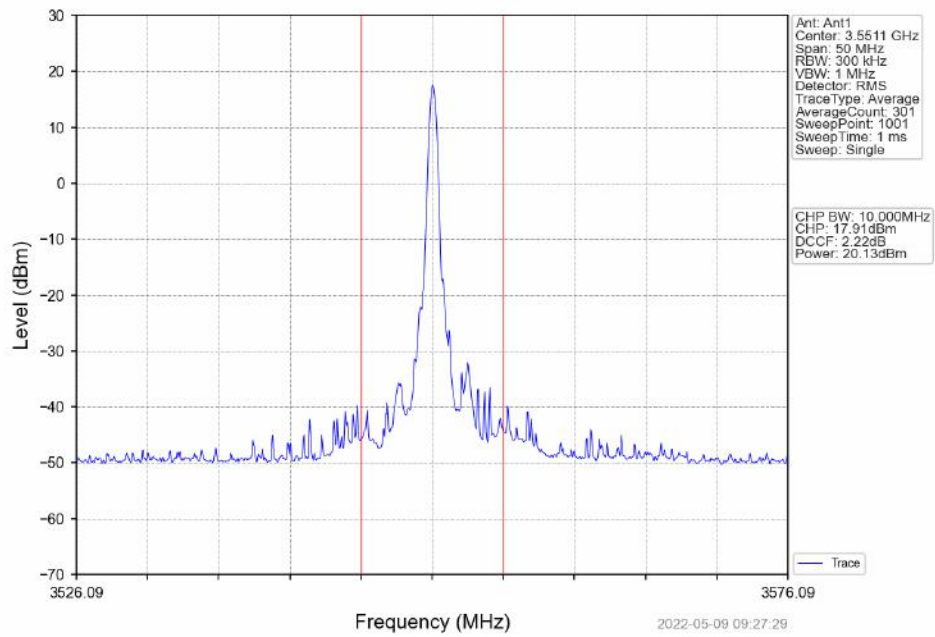
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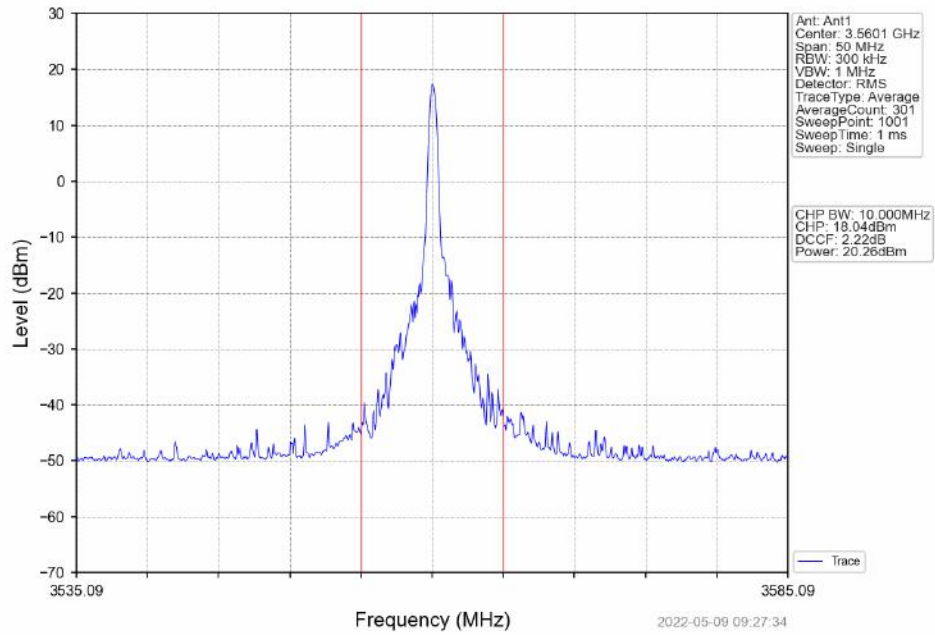
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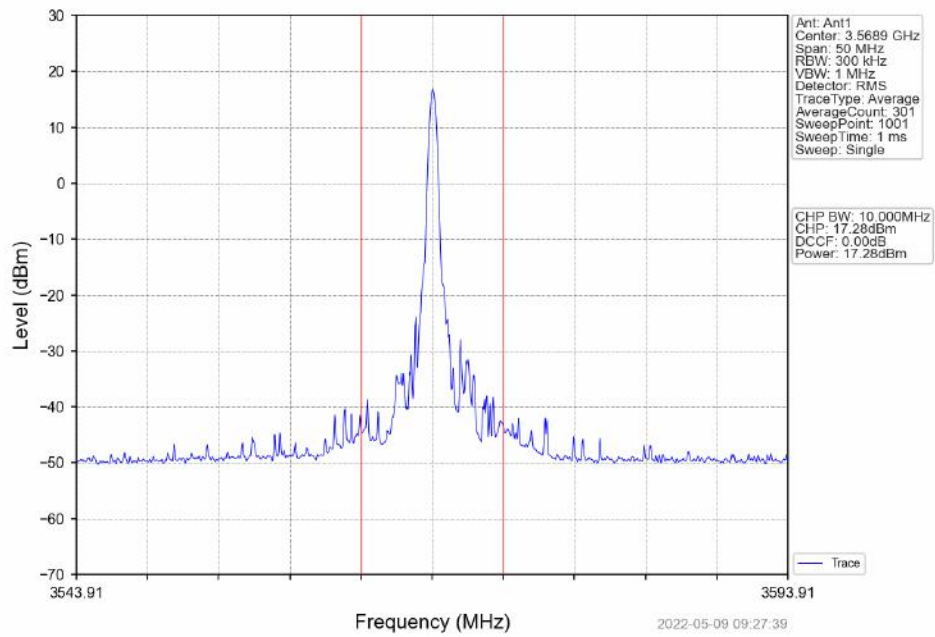
Band48 20MHz 16QAM LCH 3560MHz RB 1 0 NTNV



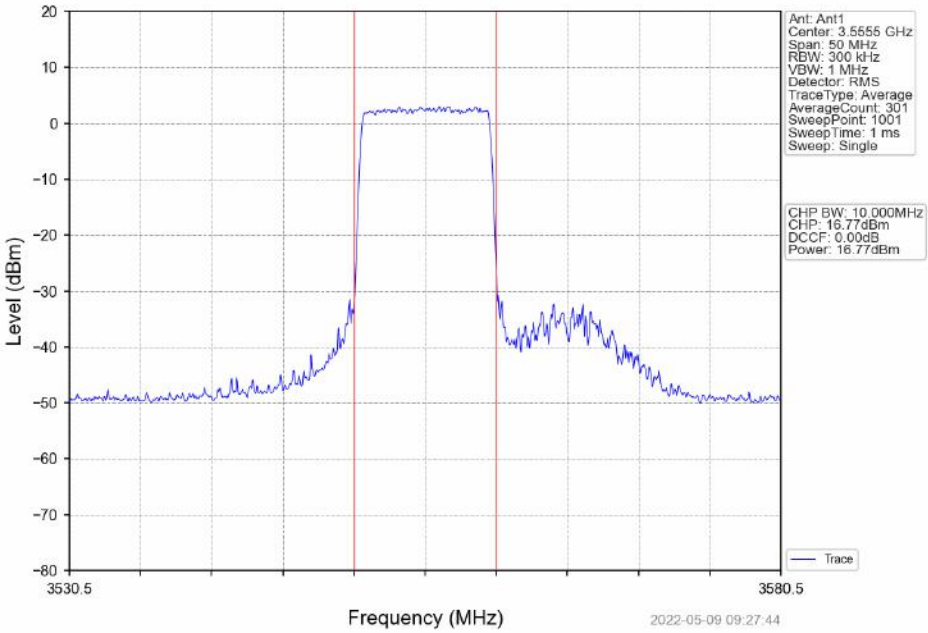
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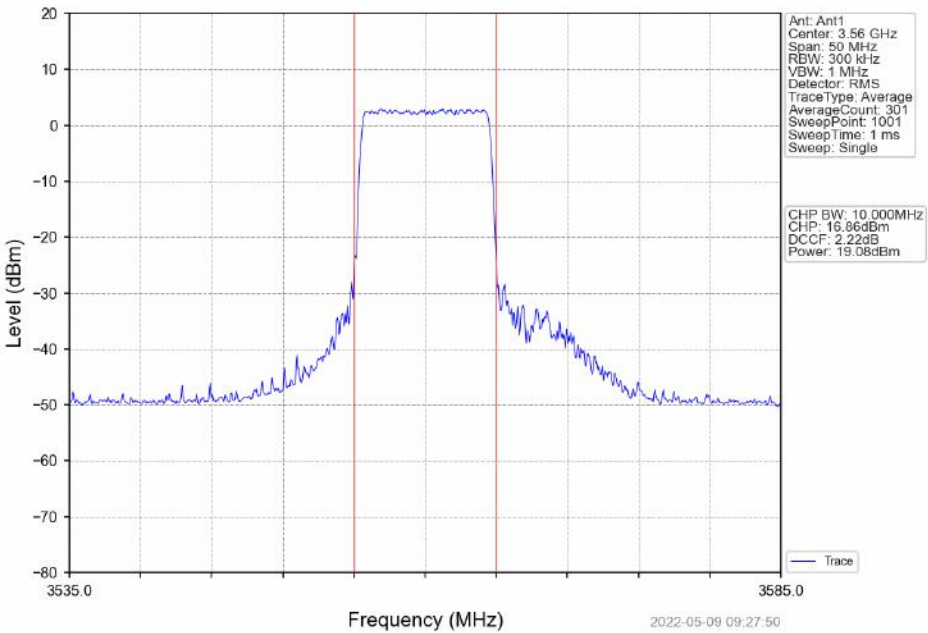
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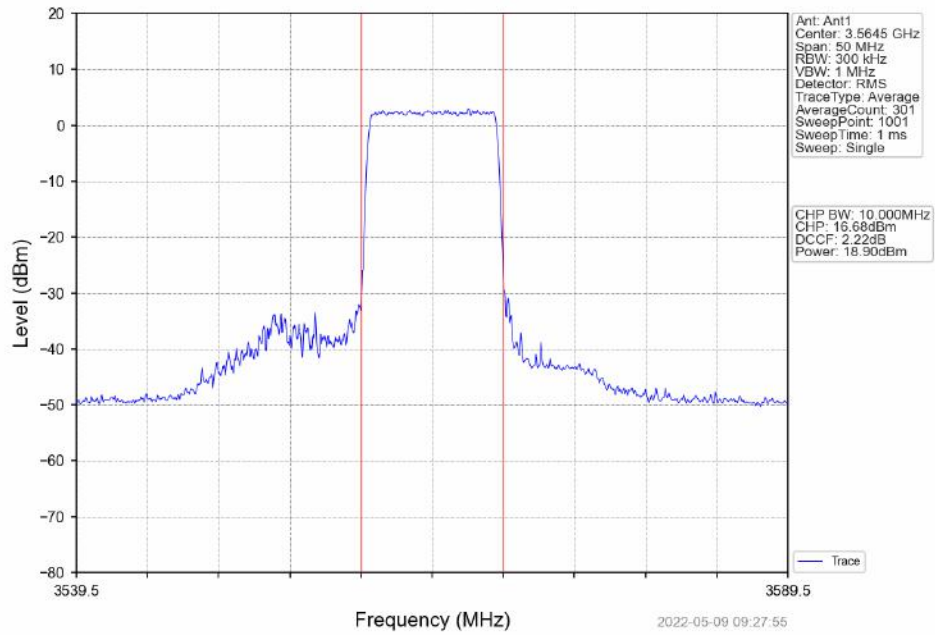
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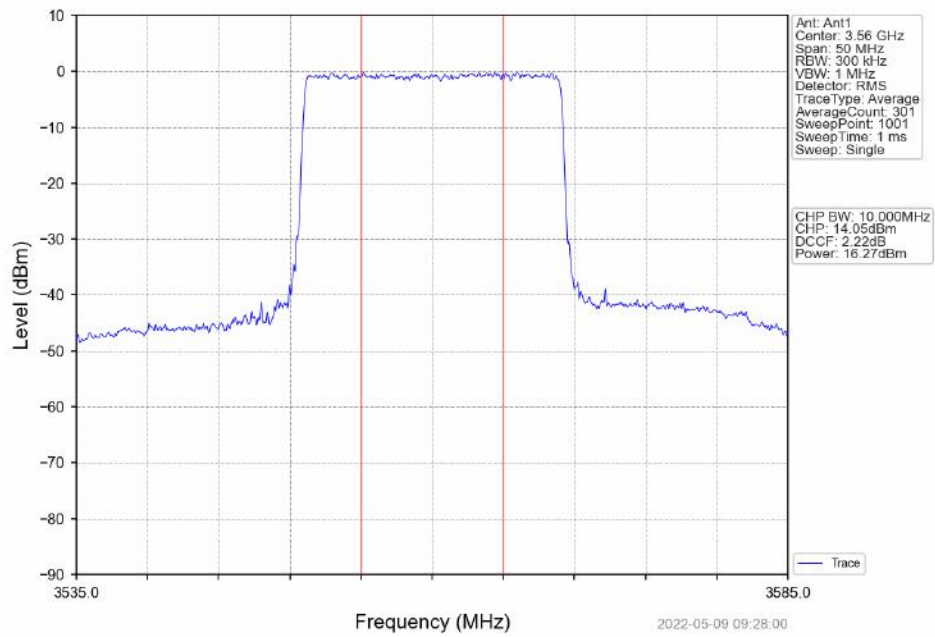
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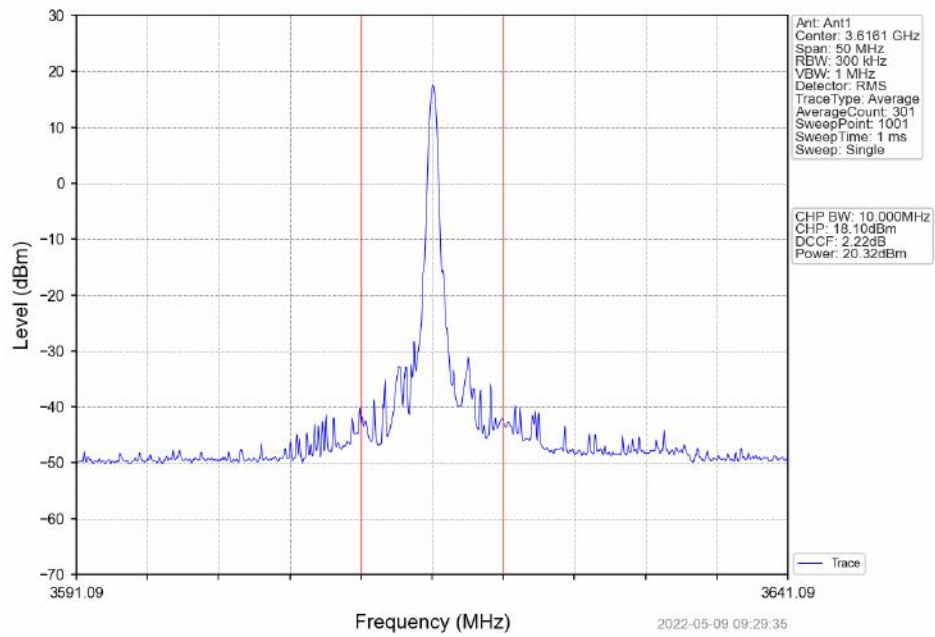
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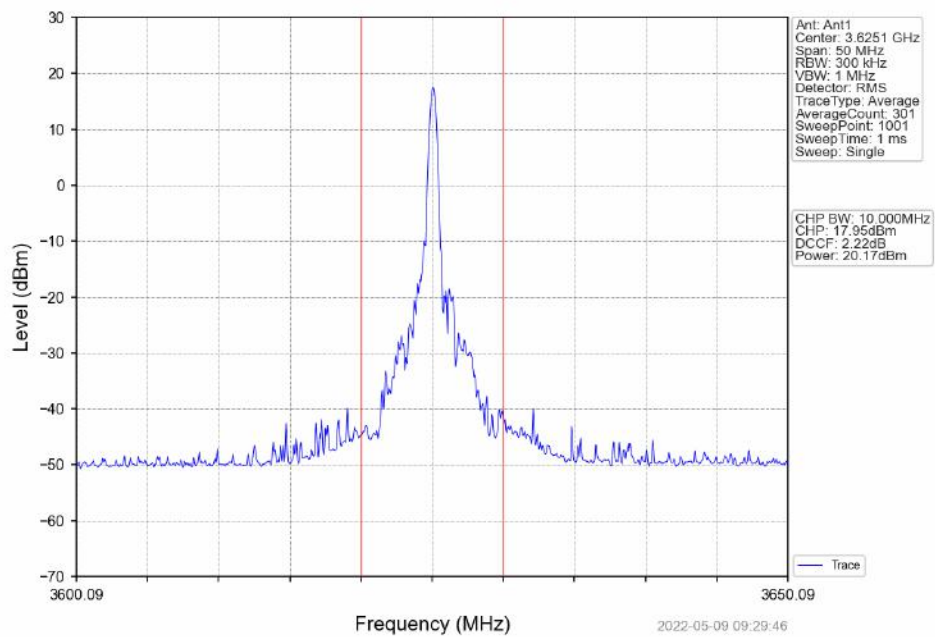
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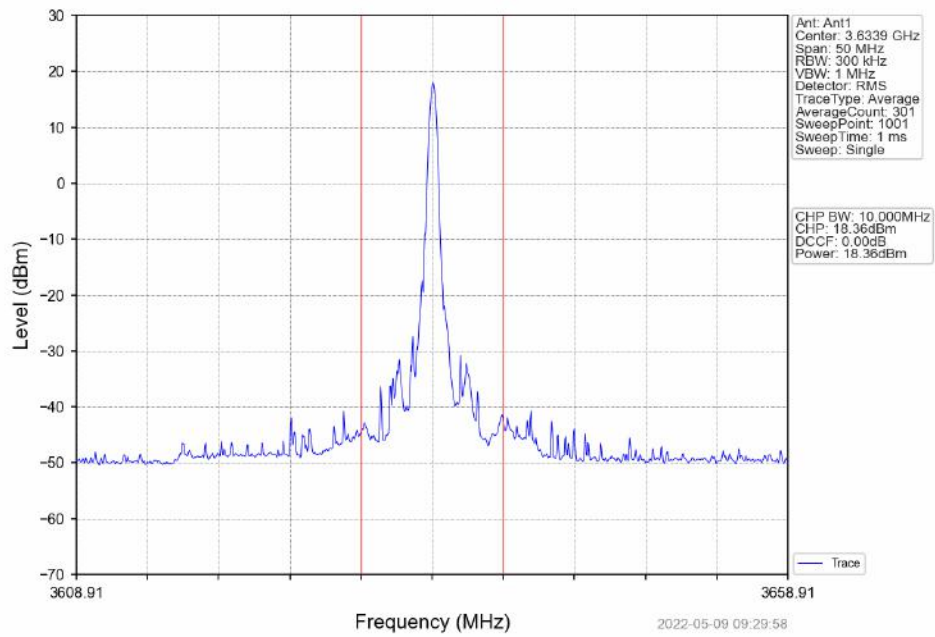
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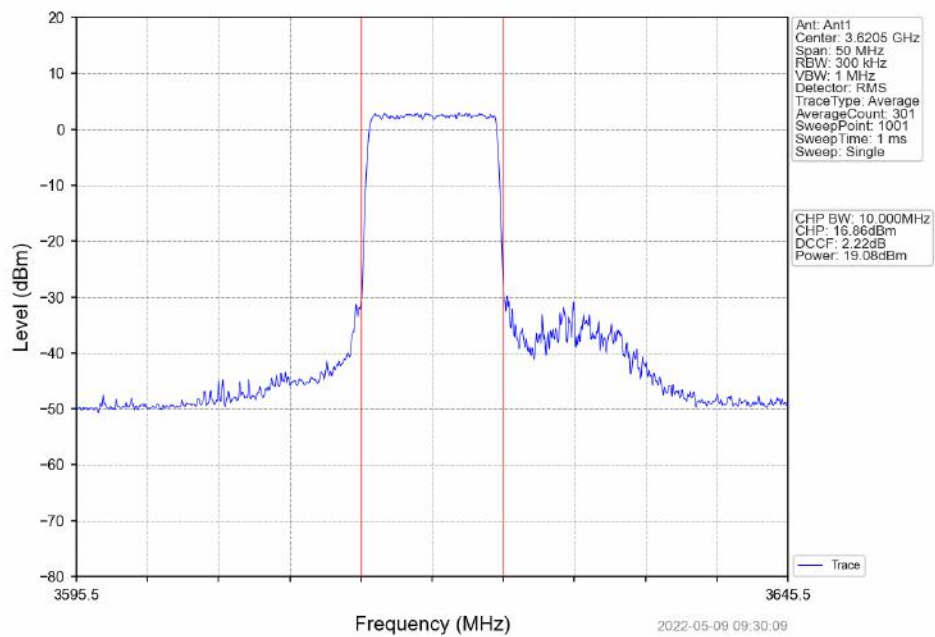
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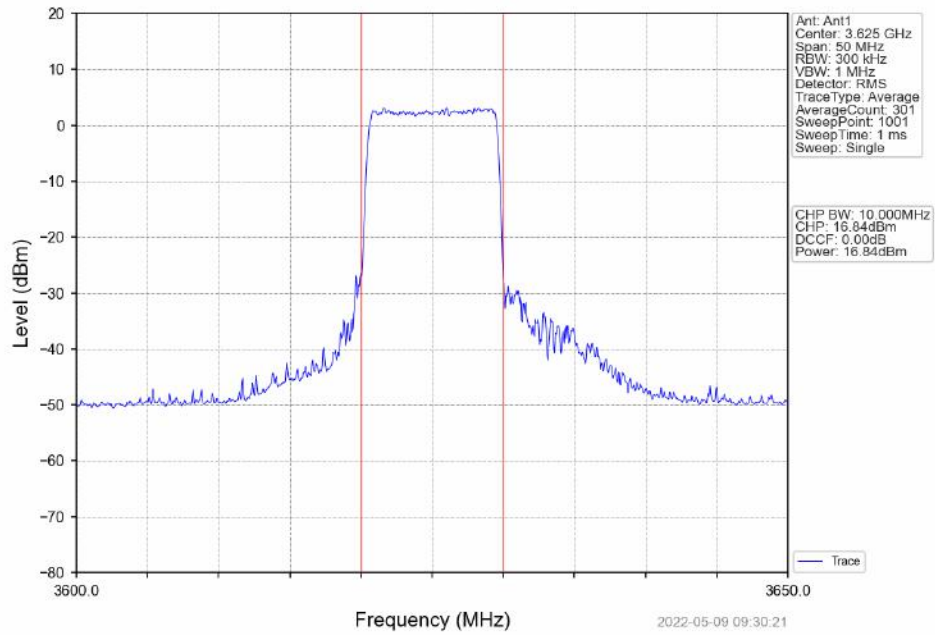
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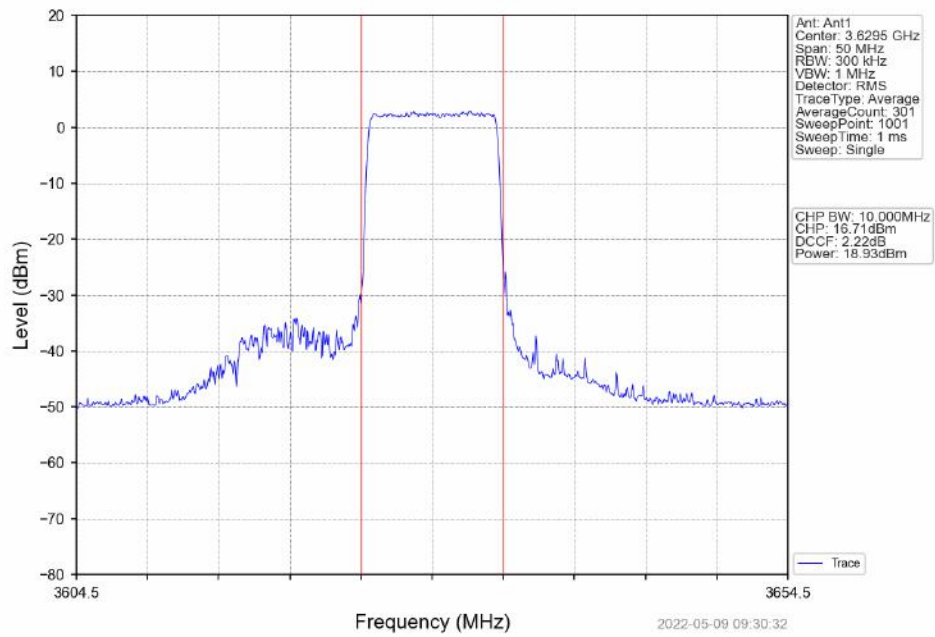
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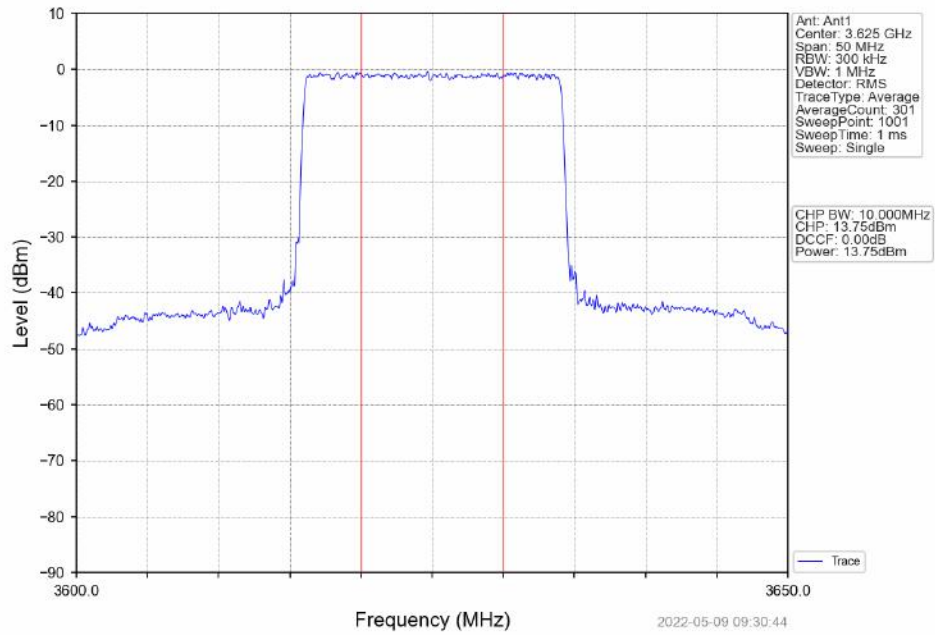
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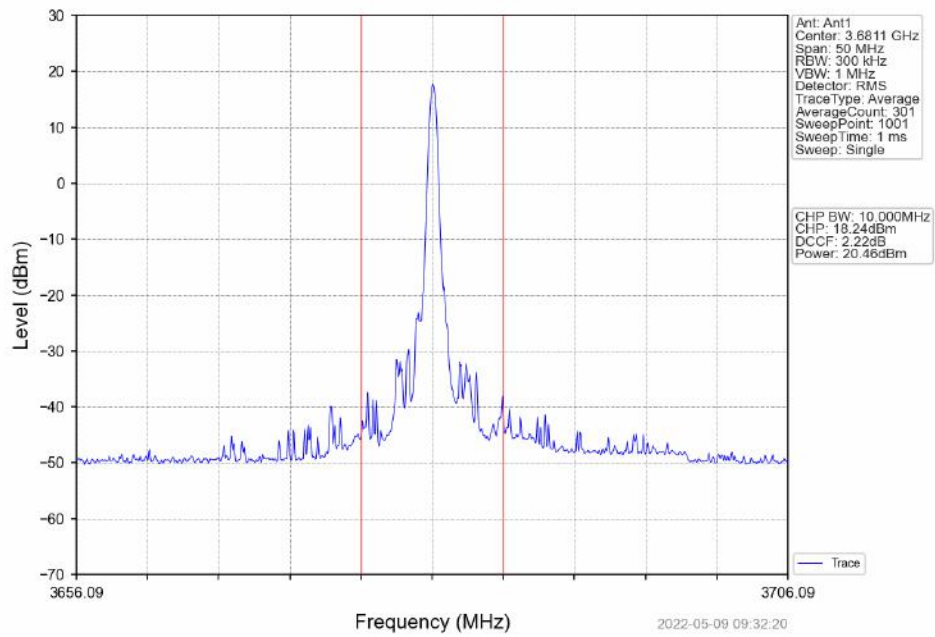
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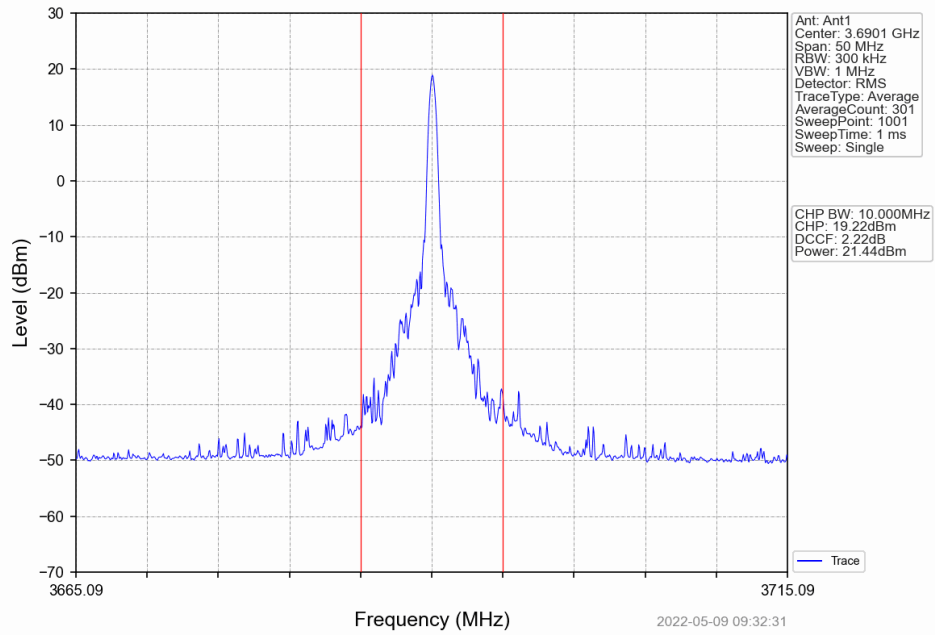
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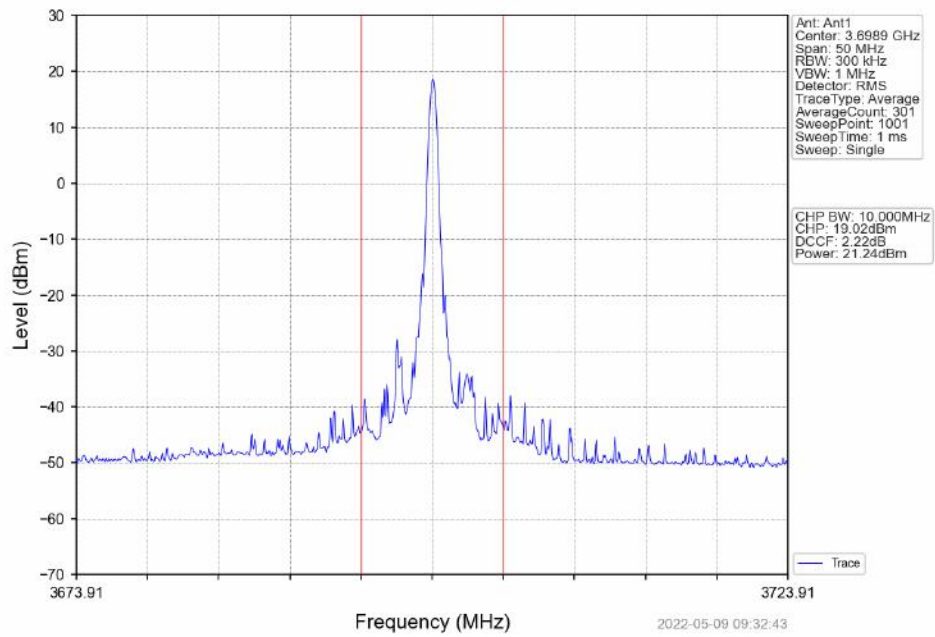
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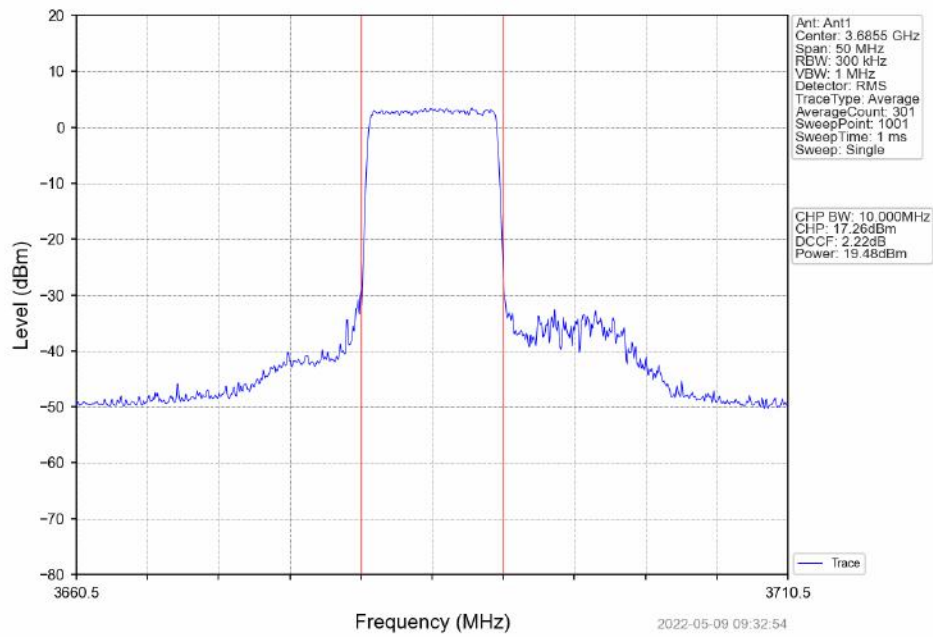
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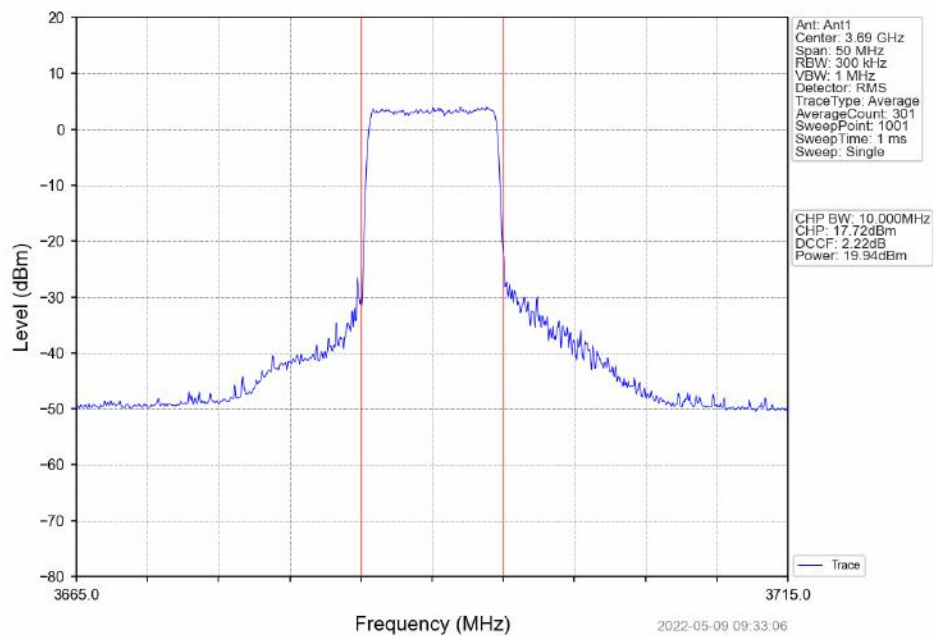
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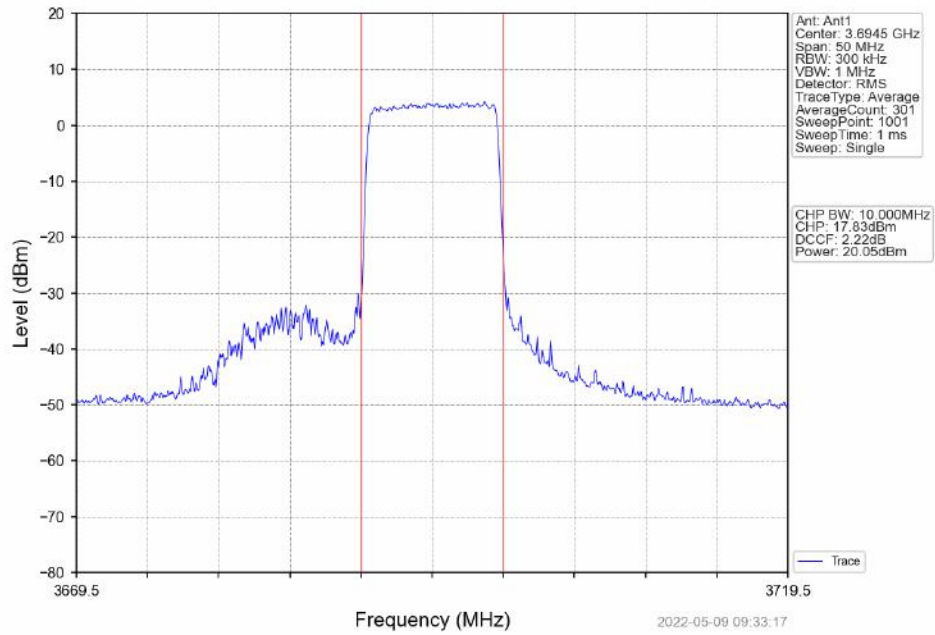
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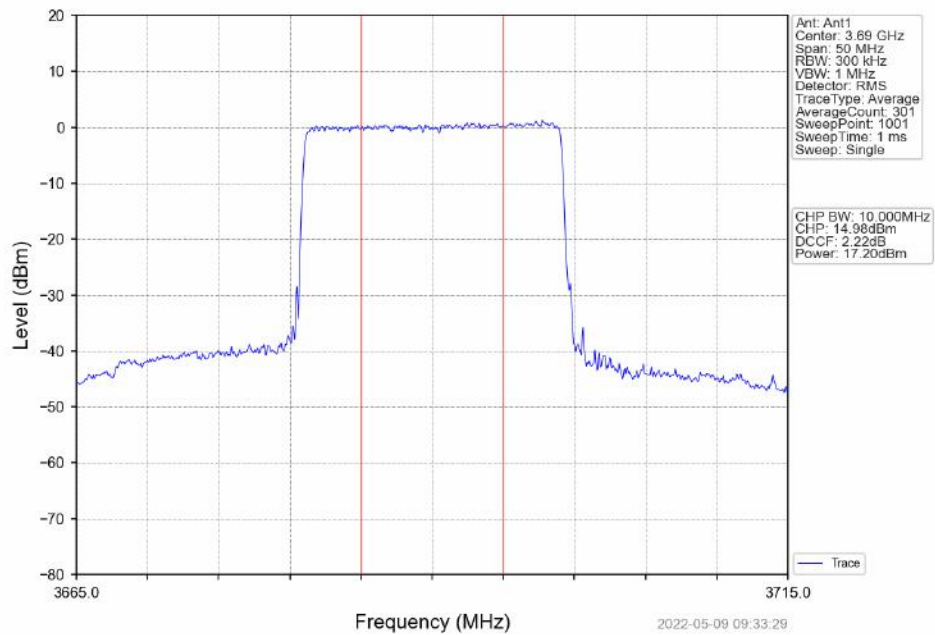
Band48 20MHz 16QAM HCH 3690MHz RB 50 25 NTN



Band48 20MHz 16QAM HCH 3690MHz RB 50 50 NTN



Band48 20MHz 16QAM HCH 3690MHz RB 100 0 NTN



5G NR N48

1. Effective (Isotropic) Radiated Power Output Data

1.1 30k_SISO_10MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n48 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3555	Edge_1RB_Left	19.17	/	/	19.04	/	/	<=23	Pass
		Edge_1RB_Right	18.93	/	/	18.80	/	/	<=23	Pass
		Outer_Full	19.03	/	/	18.90	/	/	<=23	Pass
		Inner_Full	20.13	/	/	20.00	/	/	<=23	Pass
		Inner_1RB_Left	20.14	/	/	20.01	/	/	<=23	Pass
		Inner_1RB_Right	19.99	/	/	19.86	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	19.16	/	/	19.03	/	/	<=23	Pass
		Edge_1RB_Right	19.08	/	/	18.95	/	/	<=23	Pass
		Outer_Full	19.17	/	/	19.04	/	/	<=23	Pass
		Inner_Full	20.20	/	/	20.07	/	/	<=23	Pass
		Inner_1RB_Left	20.18	/	/	20.05	/	/	<=23	Pass
		Inner_1RB_Right	20.17	/	/	20.04	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	18.90	/	/	18.77	/	/	<=23	Pass
		Edge_1RB_Right	18.93	/	/	18.80	/	/	<=23	Pass
		Outer_Full	19.02	/	/	18.89	/	/	<=23	Pass
		Inner_Full	19.93	/	/	19.80	/	/	<=23	Pass
		Inner_1RB_Left	19.97	/	/	19.84	/	/	<=23	Pass
		Inner_1RB_Right	20.04	/	/	19.91	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3555	Edge_1RB_Left	18.20	/	/	18.07	/	/	<=23	Pass
		Edge_1RB_Right	17.83	/	/	17.70	/	/	<=23	Pass
		Outer_Full	18.21	/	/	18.08	/	/	<=23	Pass
		Inner_Full	19.09	/	/	18.96	/	/	<=23	Pass
		Inner_1RB_Left	19.14	/	/	19.01	/	/	<=23	Pass
		Inner_1RB_Right	19.11	/	/	18.98	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.84	/	/	17.71	/	/	<=23	Pass
		Edge_1RB_Right	18.05	/	/	17.92	/	/	<=23	Pass
		Outer_Full	18.15	/	/	18.02	/	/	<=23	Pass
		Inner_Full	19.16	/	/	19.03	/	/	<=23	Pass
		Inner_1RB_Left	19.27	/	/	19.14	/	/	<=23	Pass
		Inner_1RB_Right	19.16	/	/	19.03	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	17.93	/	/	17.80	/	/	<=23	Pass
		Edge_1RB_Right	17.92	/	/	17.79	/	/	<=23	Pass
		Outer_Full	18.03	/	/	17.90	/	/	<=23	Pass
		Inner_Full	19.11	/	/	18.98	/	/	<=23	Pass
		Inner_1RB_Left	18.99	/	/	18.86	/	/	<=23	Pass
		Inner_1RB_Right	18.99	/	/	18.86	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3555	Edge_1RB_Left	17.55	/	/	17.42	/	/	<=23	Pass
		Edge_1RB_Right	17.21	/	/	17.08	/	/	<=23	Pass
		Outer_Full	17.69	/	/	17.56	/	/	<=23	Pass
		Inner_Full	17.52	/	/	17.39	/	/	<=23	Pass
		Inner_1RB_Left	17.48	/	/	17.35	/	/	<=23	Pass
		Inner_1RB_Right	17.22	/	/	17.09	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.49	/	/	17.36	/	/	<=23	Pass
		Edge_1RB_Right	17.56	/	/	17.43	/	/	<=23	Pass
		Outer_Full	17.79	/	/	17.66	/	/	<=23	Pass
		Inner_Full	17.68	/	/	17.55	/	/	<=23	Pass
		Inner_1RB_Left	17.55	/	/	17.42	/	/	<=23	Pass

	3694.98	Inner_1RB_Right	17.47	/	/	17.34	/	/	<=23	Pass
		Edge_1RB_Left	17.38	/	/	17.25	/	/	<=23	Pass
		Edge_1RB_Right	17.29	/	/	17.16	/	/	<=23	Pass
		Outer_Full	17.45	/	/	17.32	/	/	<=23	Pass
		Inner_Full	17.38	/	/	17.25	/	/	<=23	Pass
		Inner_1RB_Left	17.28	/	/	17.15	/	/	<=23	Pass
		Inner_1RB_Right	17.40	/	/	17.27	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3555	Edge_1RB_Left	15.66	/	/	15.53	/	/	<=23	Pass
		Edge_1RB_Right	15.34	/	/	15.21	/	/	<=23	Pass
		Outer_Full	15.64	/	/	15.51	/	/	<=23	Pass
		Inner_Full	15.56	/	/	15.43	/	/	<=23	Pass
		Inner_1RB_Left	15.65	/	/	15.52	/	/	<=23	Pass
		Inner_1RB_Right	15.30	/	/	15.17	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	15.50	/	/	15.37	/	/	<=23	Pass
		Edge_1RB_Right	15.56	/	/	15.43	/	/	<=23	Pass
		Outer_Full	15.71	/	/	15.58	/	/	<=23	Pass
		Inner_Full	15.67	/	/	15.54	/	/	<=23	Pass
		Inner_1RB_Left	15.54	/	/	15.41	/	/	<=23	Pass
		Inner_1RB_Right	15.64	/	/	15.51	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	15.50	/	/	15.37	/	/	<=23	Pass
		Edge_1RB_Right	15.49	/	/	15.36	/	/	<=23	Pass
		Outer_Full	15.64	/	/	15.51	/	/	<=23	Pass
		Inner_Full	15.59	/	/	15.46	/	/	<=23	Pass
		Inner_1RB_Left	15.45	/	/	15.32	/	/	<=23	Pass
		Inner_1RB_Right	15.48	/	/	15.35	/	/	<=23	Pass
CP-OFDM QPSK	3555	Edge_1RB_Left	17.19	/	/	17.06	/	/	<=23	Pass
		Edge_1RB_Right	17.03	/	/	16.90	/	/	<=23	Pass
		Outer_Full	17.10	/	/	16.97	/	/	<=23	Pass
		Inner_Full	18.56	/	/	18.43	/	/	<=23	Pass
		Inner_1RB_Left	18.68	/	/	18.55	/	/	<=23	Pass
		Inner_1RB_Right	18.48	/	/	18.35	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.20	/	/	17.07	/	/	<=23	Pass
		Edge_1RB_Right	17.02	/	/	16.89	/	/	<=23	Pass
		Outer_Full	17.18	/	/	17.05	/	/	<=23	Pass
		Inner_Full	18.63	/	/	18.50	/	/	<=23	Pass
		Inner_1RB_Left	18.68	/	/	18.55	/	/	<=23	Pass
		Inner_1RB_Right	18.59	/	/	18.46	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	17.03	/	/	16.90	/	/	<=23	Pass
		Edge_1RB_Right	17.00	/	/	16.87	/	/	<=23	Pass
		Outer_Full	17.02	/	/	16.89	/	/	<=23	Pass
		Inner_Full	18.58	/	/	18.45	/	/	<=23	Pass
		Inner_1RB_Left	18.46	/	/	18.33	/	/	<=23	Pass
		Inner_1RB_Right	18.52	/	/	18.39	/	/	<=23	Pass
CP-OFDM 16 QAM	3555	Edge_1RB_Left	17.14	/	/	17.01	/	/	<=23	Pass
		Edge_1RB_Right	17.00	/	/	16.87	/	/	<=23	Pass
		Outer_Full	17.15	/	/	17.02	/	/	<=23	Pass
		Inner_Full	18.14	/	/	18.01	/	/	<=23	Pass
		Inner_1RB_Left	18.18	/	/	18.05	/	/	<=23	Pass
		Inner_1RB_Right	17.88	/	/	17.75	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.20	/	/	17.07	/	/	<=23	Pass
		Edge_1RB_Right	17.12	/	/	16.99	/	/	<=23	Pass
		Outer_Full	17.17	/	/	17.04	/	/	<=23	Pass
		Inner_Full	18.20	/	/	18.07	/	/	<=23	Pass
		Inner_1RB_Left	18.13	/	/	18.00	/	/	<=23	Pass
		Inner_1RB_Right	18.13	/	/	18.00	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	16.93	/	/	16.80	/	/	<=23	Pass
		Edge_1RB_Right	17.04	/	/	16.91	/	/	<=23	Pass
		Outer_Full	16.94	/	/	16.81	/	/	<=23	Pass
		Inner_Full	18.00	/	/	17.87	/	/	<=23	Pass

		Inner 1RB Left	18.00	/	/	17.87	/	/	<=23	Pass	
		Inner 1RB Right	18.00	/	/	17.87	/	/	<=23	Pass	
CP-OFDM 64 QAM	3555	Edge 1RB Left	16.51	/	/	16.38	/	/	<=23	Pass	
		Edge 1RB Right	16.28	/	/	16.15	/	/	<=23	Pass	
		Outer Full	16.49	/	/	16.36	/	/	<=23	Pass	
		Inner Full	16.66	/	/	16.53	/	/	<=23	Pass	
		Inner 1RB Left	16.34	/	/	16.21	/	/	<=23	Pass	
		Inner 1RB Right	16.23	/	/	16.10	/	/	<=23	Pass	
		Edge 1RB Left	16.44	/	/	16.31	/	/	<=23	Pass	
		Edge 1RB Right	16.67	/	/	16.54	/	/	<=23	Pass	
	3624.99	Outer Full	16.74	/	/	16.61	/	/	<=23	Pass	
		Inner Full	16.70	/	/	16.57	/	/	<=23	Pass	
		Inner 1RB Left	16.32	/	/	16.19	/	/	<=23	Pass	
		Inner 1RB Right	16.50	/	/	16.37	/	/	<=23	Pass	
		3694.98	Edge 1RB Left	16.32	/	/	16.19	/	/	<=23	Pass
			Edge 1RB Right	16.17	/	/	16.04	/	/	<=23	Pass
	Outer Full		16.50	/	/	16.37	/	/	<=23	Pass	
	Inner Full		16.31	/	/	16.18	/	/	<=23	Pass	
	3694.98	Inner 1RB Left	16.40	/	/	16.27	/	/	<=23	Pass	
		Inner 1RB Right	16.46	/	/	16.33	/	/	<=23	Pass	
3555		Edge 1RB Left	13.83	/	/	13.70	/	/	<=23	Pass	
		Edge 1RB Right	13.55	/	/	13.42	/	/	<=23	Pass	
		Outer Full	13.57	/	/	13.44	/	/	<=23	Pass	
		Inner Full	13.62	/	/	13.49	/	/	<=23	Pass	
	Inner 1RB Left	13.72	/	/	13.59	/	/	<=23	Pass		
	Inner 1RB Right	13.49	/	/	13.36	/	/	<=23	Pass		
3624.99	Edge 1RB Left	13.84	/	/	13.71	/	/	<=23	Pass		
	Edge 1RB Right	14.06	/	/	13.93	/	/	<=23	Pass		
	Outer Full	14.09	/	/	13.96	/	/	<=23	Pass		
	Inner Full	13.99	/	/	13.86	/	/	<=23	Pass		
	Inner 1RB Left	14.14	/	/	14.01	/	/	<=23	Pass		
	Inner 1RB Right	13.70	/	/	13.57	/	/	<=23	Pass		
3694.98	Edge 1RB Left	13.78	/	/	13.65	/	/	<=23	Pass		
	Edge 1RB Right	13.75	/	/	13.62	/	/	<=23	Pass		
	Outer Full	13.73	/	/	13.60	/	/	<=23	Pass		
	Inner Full	13.87	/	/	13.74	/	/	<=23	Pass		
	Inner 1RB Left	13.69	/	/	13.56	/	/	<=23	Pass		
	Inner 1RB Right	13.73	/	/	13.60	/	/	<=23	Pass		
Note1: Antenna Gain: Ant1: -0.13dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.2 30k_SISO_20MHz_NTNV_EIRP

1.2.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3560.01	Edge 1RB Left	19.37	/	/	19.24	/	/	<=23	Pass
		Edge 1RB Right	18.99	/	/	18.86	/	/	<=23	Pass
		Outer Full	19.20	/	/	19.07	/	/	<=23	Pass
		Inner Full	20.15	/	/	20.02	/	/	<=23	Pass
		Inner 1RB Left	20.35	/	/	20.22	/	/	<=23	Pass
		Inner 1RB Right	20.01	/	/	19.88	/	/	<=23	Pass
	3624.99	Edge 1RB Left	19.17	/	/	19.04	/	/	<=23	Pass
		Edge 1RB Right	19.20	/	/	19.07	/	/	<=23	Pass
		Outer Full	19.19	/	/	19.06	/	/	<=23	Pass
		Inner Full	20.31	/	/	20.18	/	/	<=23	Pass
		Inner 1RB Left	20.13	/	/	20.00	/	/	<=23	Pass
		Inner 1RB Right	20.27	/	/	20.14	/	/	<=23	Pass
	3690	Edge 1RB Left	19.31	/	/	19.18	/	/	<=23	Pass
		Edge 1RB Right	19.22	/	/	19.09	/	/	<=23	Pass
		Outer Full	19.25	/	/	19.12	/	/	<=23	Pass
		Inner Full	20.16	/	/	20.03	/	/	<=23	Pass
		Inner 1RB Left	20.32	/	/	20.19	/	/	<=23	Pass
		Inner 1RB Right	20.02	/	/	19.89	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3560.01	Edge 1RB Left	18.29	/	/	18.16	/	/	<=23	Pass
		Edge 1RB Right	17.95	/	/	17.82	/	/	<=23	Pass
		Outer Full	18.17	/	/	18.04	/	/	<=23	Pass
		Inner Full	19.18	/	/	19.05	/	/	<=23	Pass
		Inner 1RB Left	19.30	/	/	19.17	/	/	<=23	Pass
		Inner 1RB Right	19.00	/	/	18.87	/	/	<=23	Pass
	3624.99	Edge 1RB Left	18.21	/	/	18.08	/	/	<=23	Pass
		Edge 1RB Right	18.24	/	/	18.11	/	/	<=23	Pass
		Outer Full	18.34	/	/	18.21	/	/	<=23	Pass
		Inner Full	19.28	/	/	19.15	/	/	<=23	Pass
		Inner 1RB Left	19.10	/	/	18.97	/	/	<=23	Pass
		Inner 1RB Right	19.13	/	/	19.00	/	/	<=23	Pass
	3690	Edge 1RB Left	18.16	/	/	18.03	/	/	<=23	Pass
		Edge 1RB Right	18.09	/	/	17.96	/	/	<=23	Pass
		Outer Full	18.19	/	/	18.06	/	/	<=23	Pass
		Inner Full	19.19	/	/	19.06	/	/	<=23	Pass
		Inner 1RB Left	19.20	/	/	19.07	/	/	<=23	Pass
		Inner 1RB Right	19.12	/	/	18.99	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge 1RB Left	17.77	/	/	17.64	/	/	<=23	Pass
		Edge 1RB Right	17.40	/	/	17.27	/	/	<=23	Pass
		Outer Full	17.55	/	/	17.42	/	/	<=23	Pass
		Inner Full	17.69	/	/	17.56	/	/	<=23	Pass
		Inner 1RB Left	17.65	/	/	17.52	/	/	<=23	Pass
		Inner 1RB Right	17.42	/	/	17.29	/	/	<=23	Pass
	3624.99	Edge 1RB Left	17.53	/	/	17.40	/	/	<=23	Pass
		Edge 1RB Right	17.45	/	/	17.32	/	/	<=23	Pass
		Outer Full	17.78	/	/	17.65	/	/	<=23	Pass
		Inner Full	17.89	/	/	17.76	/	/	<=23	Pass
		Inner 1RB Left	17.53	/	/	17.40	/	/	<=23	Pass
		Inner 1RB Right	17.70	/	/	17.57	/	/	<=23	Pass
	3690	Edge 1RB Left	17.58	/	/	17.45	/	/	<=23	Pass

		Edge_1RB_Right	17.35	/	/	17.22	/	/	<=23	Pass
		Outer_Full	17.76	/	/	17.63	/	/	<=23	Pass
		Inner_Full	17.79	/	/	17.66	/	/	<=23	Pass
		Inner_1RB_Left	17.69	/	/	17.56	/	/	<=23	Pass
		Inner_1RB_Right	17.33	/	/	17.20	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge_1RB_Left	15.68	/	/	15.55	/	/	<=23	Pass
		Edge_1RB_Right	15.43	/	/	15.30	/	/	<=23	Pass
		Outer_Full	15.65	/	/	15.52	/	/	<=23	Pass
		Inner_Full	15.61	/	/	15.48	/	/	<=23	Pass
		Inner_1RB_Left	15.78	/	/	15.65	/	/	<=23	Pass
		Inner_1RB_Right	15.52	/	/	15.39	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	15.58	/	/	15.45	/	/	<=23	Pass
		Edge_1RB_Right	15.64	/	/	15.51	/	/	<=23	Pass
		Outer_Full	15.77	/	/	15.64	/	/	<=23	Pass
		Inner_Full	15.79	/	/	15.66	/	/	<=23	Pass
		Inner_1RB_Left	15.63	/	/	15.50	/	/	<=23	Pass
		Inner_1RB_Right	15.67	/	/	15.54	/	/	<=23	Pass
	3690	Edge_1RB_Left	15.78	/	/	15.65	/	/	<=23	Pass
		Edge_1RB_Right	15.66	/	/	15.53	/	/	<=23	Pass
		Outer_Full	15.83	/	/	15.70	/	/	<=23	Pass
		Inner_Full	15.71	/	/	15.58	/	/	<=23	Pass
		Inner_1RB_Left	15.77	/	/	15.64	/	/	<=23	Pass
		Inner_1RB_Right	15.57	/	/	15.44	/	/	<=23	Pass
CP-OFDM QPSK	3560.01	Edge_1RB_Left	17.36	/	/	17.23	/	/	<=23	Pass
		Edge_1RB_Right	16.96	/	/	16.83	/	/	<=23	Pass
		Outer_Full	17.17	/	/	17.04	/	/	<=23	Pass
		Inner_Full	18.63	/	/	18.50	/	/	<=23	Pass
		Inner_1RB_Left	18.86	/	/	18.73	/	/	<=23	Pass
		Inner_1RB_Right	18.54	/	/	18.41	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.27	/	/	17.14	/	/	<=23	Pass
		Edge_1RB_Right	17.25	/	/	17.12	/	/	<=23	Pass
		Outer_Full	17.27	/	/	17.14	/	/	<=23	Pass
		Inner_Full	18.85	/	/	18.72	/	/	<=23	Pass
		Inner_1RB_Left	18.70	/	/	18.57	/	/	<=23	Pass
		Inner_1RB_Right	18.70	/	/	18.57	/	/	<=23	Pass
	3690	Edge_1RB_Left	17.29	/	/	17.16	/	/	<=23	Pass
		Edge_1RB_Right	17.12	/	/	16.99	/	/	<=23	Pass
		Outer_Full	17.18	/	/	17.05	/	/	<=23	Pass
		Inner_Full	18.74	/	/	18.61	/	/	<=23	Pass
		Inner_1RB_Left	18.82	/	/	18.69	/	/	<=23	Pass
		Inner_1RB_Right	18.74	/	/	18.61	/	/	<=23	Pass
CP-OFDM 16 QAM	3560.01	Edge_1RB_Left	17.26	/	/	17.13	/	/	<=23	Pass
		Edge_1RB_Right	16.99	/	/	16.86	/	/	<=23	Pass
		Outer_Full	17.09	/	/	16.96	/	/	<=23	Pass
		Inner_Full	18.20	/	/	18.07	/	/	<=23	Pass
		Inner_1RB_Left	18.45	/	/	18.32	/	/	<=23	Pass
		Inner_1RB_Right	18.11	/	/	17.98	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.34	/	/	17.21	/	/	<=23	Pass
		Edge_1RB_Right	17.18	/	/	17.05	/	/	<=23	Pass
		Outer_Full	17.23	/	/	17.10	/	/	<=23	Pass
		Inner_Full	18.37	/	/	18.24	/	/	<=23	Pass
		Inner_1RB_Left	18.24	/	/	18.11	/	/	<=23	Pass
		Inner_1RB_Right	18.28	/	/	18.15	/	/	<=23	Pass
	3690	Edge_1RB_Left	17.33	/	/	17.20	/	/	<=23	Pass
		Edge_1RB_Right	17.16	/	/	17.03	/	/	<=23	Pass
		Outer_Full	17.19	/	/	17.06	/	/	<=23	Pass
		Inner_Full	18.25	/	/	18.12	/	/	<=23	Pass
		Inner_1RB_Left	18.37	/	/	18.24	/	/	<=23	Pass
		Inner_1RB_Right	18.11	/	/	17.98	/	/	<=23	Pass

1.3 30k_SISO_40MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3570	Edge 1RB Left	19.58	/	/	19.45	/	/	<=23	Pass
		Edge 1RB Right	19.44	/	/	19.31	/	/	<=23	Pass
		Outer Full	19.32	/	/	19.19	/	/	<=23	Pass
		Inner Full	20.32	/	/	20.19	/	/	<=23	Pass
		Inner 1RB Left	20.45	/	/	20.32	/	/	<=23	Pass
		Inner 1RB Right	20.43	/	/	20.30	/	/	<=23	Pass
	3624.99	Edge 1RB Left	19.45	/	/	19.32	/	/	<=23	Pass
		Edge 1RB Right	19.26	/	/	19.13	/	/	<=23	Pass
		Outer Full	19.29	/	/	19.16	/	/	<=23	Pass
		Inner Full	20.47	/	/	20.34	/	/	<=23	Pass
		Inner 1RB Left	20.19	/	/	20.06	/	/	<=23	Pass
		Inner 1RB Right	20.12	/	/	19.99	/	/	<=23	Pass
	3679.98	Edge 1RB Left	19.18	/	/	19.05	/	/	<=23	Pass
		Edge 1RB Right	19.30	/	/	19.17	/	/	<=23	Pass
		Outer Full	19.33	/	/	19.20	/	/	<=23	Pass
		Inner Full	20.33	/	/	20.20	/	/	<=23	Pass
		Inner 1RB Left	20.29	/	/	20.16	/	/	<=23	Pass
		Inner 1RB Right	20.30	/	/	20.17	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3570	Edge 1RB Left	18.60	/	/	18.47	/	/	<=23	Pass
		Edge 1RB Right	18.32	/	/	18.19	/	/	<=23	Pass
		Outer Full	18.25	/	/	18.12	/	/	<=23	Pass
		Inner Full	19.37	/	/	19.24	/	/	<=23	Pass
		Inner 1RB Left	19.42	/	/	19.29	/	/	<=23	Pass
		Inner 1RB Right	19.19	/	/	19.06	/	/	<=23	Pass
	3624.99	Edge 1RB Left	18.18	/	/	18.05	/	/	<=23	Pass
		Edge 1RB Right	18.15	/	/	18.02	/	/	<=23	Pass
		Outer Full	18.39	/	/	18.26	/	/	<=23	Pass
		Inner Full	19.28	/	/	19.15	/	/	<=23	Pass
		Inner 1RB Left	19.14	/	/	19.01	/	/	<=23	Pass
		Inner 1RB Right	19.14	/	/	19.01	/	/	<=23	Pass
	3679.98	Edge 1RB Left	18.27	/	/	18.14	/	/	<=23	Pass
		Edge 1RB Right	18.20	/	/	18.07	/	/	<=23	Pass
		Outer Full	18.34	/	/	18.21	/	/	<=23	Pass
		Inner Full	19.33	/	/	19.20	/	/	<=23	Pass
		Inner 1RB Left	19.23	/	/	19.10	/	/	<=23	Pass
		Inner 1RB Right	19.14	/	/	19.01	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3570	Edge 1RB Left	17.63	/	/	17.50	/	/	<=23	Pass
		Edge 1RB Right	17.84	/	/	17.71	/	/	<=23	Pass
		Outer Full	17.83	/	/	17.70	/	/	<=23	Pass
		Inner Full	17.69	/	/	17.56	/	/	<=23	Pass
		Inner 1RB Left	17.75	/	/	17.62	/	/	<=23	Pass
		Inner 1RB Right	17.78	/	/	17.65	/	/	<=23	Pass
	3624.99	Edge 1RB Left	17.66	/	/	17.53	/	/	<=23	Pass
		Edge 1RB Right	17.40	/	/	17.27	/	/	<=23	Pass
		Outer Full	17.79	/	/	17.66	/	/	<=23	Pass
		Inner Full	17.94	/	/	17.81	/	/	<=23	Pass
		Inner 1RB Left	17.58	/	/	17.45	/	/	<=23	Pass
		Inner 1RB Right	17.45	/	/	17.32	/	/	<=23	Pass
	3679.98	Edge 1RB Left	17.62	/	/	17.49	/	/	<=23	Pass
		Edge 1RB Right	17.49	/	/	17.36	/	/	<=23	Pass
		Outer Full	17.86	/	/	17.73	/	/	<=23	Pass

		Inner Full	17.88	/	/	17.75	/	/	<=23	Pass
		Inner 1RB Left	17.66	/	/	17.53	/	/	<=23	Pass
		Inner 1RB Right	17.57	/	/	17.44	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3570	Edge 1RB Left	15.83	/	/	15.70	/	/	<=23	Pass
		Edge 1RB Right	15.86	/	/	15.73	/	/	<=23	Pass
		Outer Full	15.79	/	/	15.66	/	/	<=23	Pass
		Inner Full	15.76	/	/	15.63	/	/	<=23	Pass
		Inner 1RB Left	15.83	/	/	15.70	/	/	<=23	Pass
		Inner 1RB Right	15.90	/	/	15.77	/	/	<=23	Pass
		Edge 1RB Left	15.84	/	/	15.71	/	/	<=23	Pass
	3624.99	Edge 1RB Right	15.68	/	/	15.55	/	/	<=23	Pass
		Outer Full	15.98	/	/	15.85	/	/	<=23	Pass
		Inner Full	15.81	/	/	15.68	/	/	<=23	Pass
		Inner 1RB Left	15.72	/	/	15.59	/	/	<=23	Pass
		Inner 1RB Right	15.58	/	/	15.45	/	/	<=23	Pass
	3679.98	Edge 1RB Left	15.79	/	/	15.66	/	/	<=23	Pass
		Edge 1RB Right	15.57	/	/	15.44	/	/	<=23	Pass
		Outer Full	15.84	/	/	15.71	/	/	<=23	Pass
		Inner Full	15.79	/	/	15.66	/	/	<=23	Pass
		Inner 1RB Left	15.82	/	/	15.69	/	/	<=23	Pass
		Inner 1RB Right	15.60	/	/	15.47	/	/	<=23	Pass
		Edge 1RB Left	17.37	/	/	17.24	/	/	<=23	Pass
CP-OFDM QPSK	3570	Edge 1RB Right	17.35	/	/	17.22	/	/	<=23	Pass
		Outer Full	17.27	/	/	17.14	/	/	<=23	Pass
		Inner Full	18.79	/	/	18.66	/	/	<=23	Pass
		Inner 1RB Left	18.91	/	/	18.78	/	/	<=23	Pass
		Inner 1RB Right	18.86	/	/	18.73	/	/	<=23	Pass
	3624.99	Edge 1RB Left	17.21	/	/	17.08	/	/	<=23	Pass
		Edge 1RB Right	17.14	/	/	17.01	/	/	<=23	Pass
		Outer Full	17.36	/	/	17.23	/	/	<=23	Pass
		Inner Full	18.93	/	/	18.80	/	/	<=23	Pass
		Inner 1RB Left	18.61	/	/	18.48	/	/	<=23	Pass
	3679.98	Inner 1RB Right	18.63	/	/	18.50	/	/	<=23	Pass
		Edge 1RB Left	17.38	/	/	17.25	/	/	<=23	Pass
		Edge 1RB Right	17.20	/	/	17.07	/	/	<=23	Pass
		Outer Full	17.44	/	/	17.31	/	/	<=23	Pass
		Inner Full	18.85	/	/	18.72	/	/	<=23	Pass
		Inner 1RB Left	18.88	/	/	18.75	/	/	<=23	Pass
		Inner 1RB Right	18.73	/	/	18.60	/	/	<=23	Pass
CP-OFDM 16 QAM	3570	Edge 1RB Left	17.43	/	/	17.30	/	/	<=23	Pass
		Edge 1RB Right	17.45	/	/	17.32	/	/	<=23	Pass
		Outer Full	17.29	/	/	17.16	/	/	<=23	Pass
		Inner Full	18.26	/	/	18.13	/	/	<=23	Pass
		Inner 1RB Left	18.50	/	/	18.37	/	/	<=23	Pass
		Inner 1RB Right	18.44	/	/	18.31	/	/	<=23	Pass
	3624.99	Edge 1RB Left	17.20	/	/	17.07	/	/	<=23	Pass
		Edge 1RB Right	17.25	/	/	17.12	/	/	<=23	Pass
		Outer Full	17.29	/	/	17.16	/	/	<=23	Pass
		Inner Full	18.40	/	/	18.27	/	/	<=23	Pass
		Inner 1RB Left	18.33	/	/	18.20	/	/	<=23	Pass
	3679.98	Inner 1RB Right	18.14	/	/	18.01	/	/	<=23	Pass
		Edge 1RB Left	17.39	/	/	17.26	/	/	<=23	Pass
		Edge 1RB Right	17.18	/	/	17.05	/	/	<=23	Pass
		Outer Full	17.36	/	/	17.23	/	/	<=23	Pass
		Inner Full	18.42	/	/	18.29	/	/	<=23	Pass
		Inner 1RB Left	18.36	/	/	18.23	/	/	<=23	Pass
CP-OFDM 64 QAM	3570	Inner 1RB Right	18.28	/	/	18.15	/	/	<=23	Pass
		Edge 1RB Left	16.81	/	/	16.68	/	/	<=23	Pass
		Edge 1RB Right	16.82	/	/	16.69	/	/	<=23	Pass

Note1: Antenna Gain: Ant1: -0.13dBi;
Note2: EIRP=Conducted Power+Antenna Gain