

LTE B48

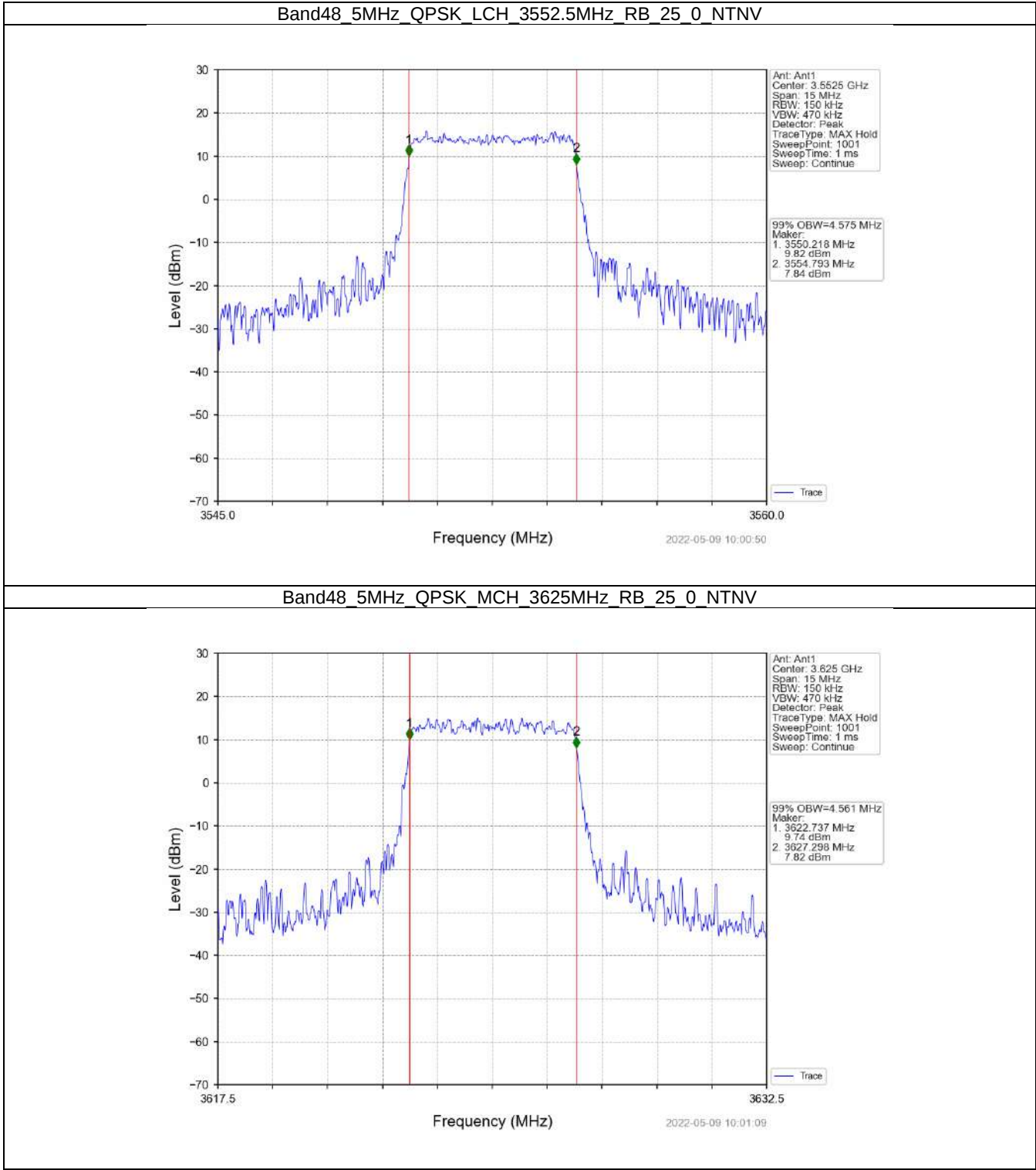
1. 99% & 26dB Bandwidth

1.1 Band48_OBW

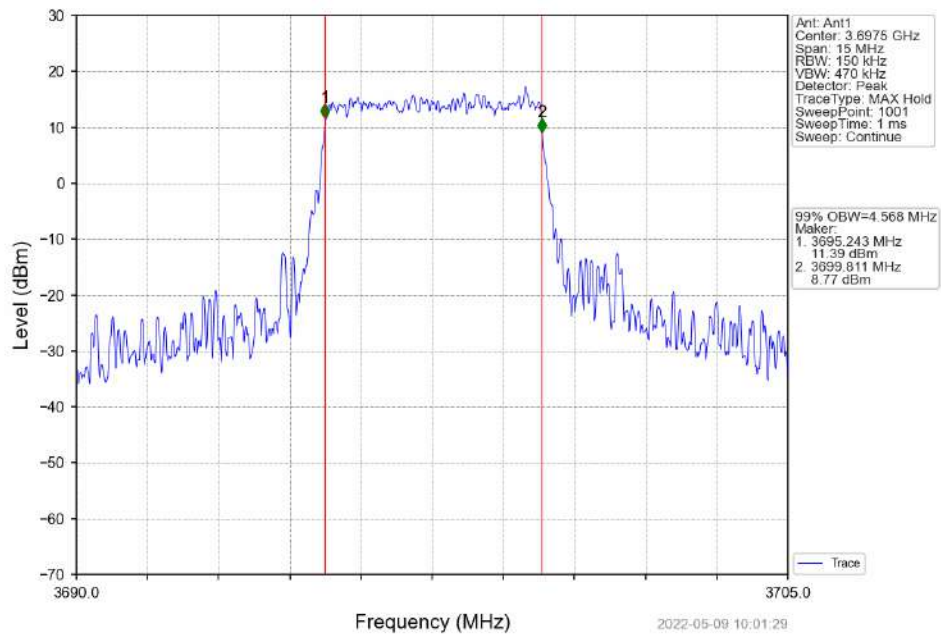
1.1.1 Test Result

Band: 48 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	3552.5	25	0	4.575	Pass
		3625	25	0	4.561	Pass
		3697.5	25	0	4.568	Pass
	16QAM	3552.5	25	0	4.569	Pass
		3625	25	0	4.567	Pass
		3697.5	25	0	4.554	Pass
10	QPSK	3555	50	0	9.090	Pass
		3625	50	0	9.043	Pass
		3695	50	0	9.051	Pass
	16QAM	3555	50	0	9.115	Pass
		3625	50	0	9.064	Pass
		3695	50	0	9.074	Pass
15	QPSK	3557.5	75	0	13.638	Pass
		3625	75	0	13.576	Pass
		3692.5	75	0	13.615	Pass
	16QAM	3557.5	75	0	13.617	Pass
		3625	75	0	13.550	Pass
		3692.5	75	0	13.629	Pass
20	QPSK	3560	100	0	18.155	Pass
		3625	100	0	18.066	Pass
		3690	100	0	18.045	Pass
	16QAM	3560	100	0	18.125	Pass
		3625	100	0	18.171	Pass
		3690	100	0	18.082	Pass

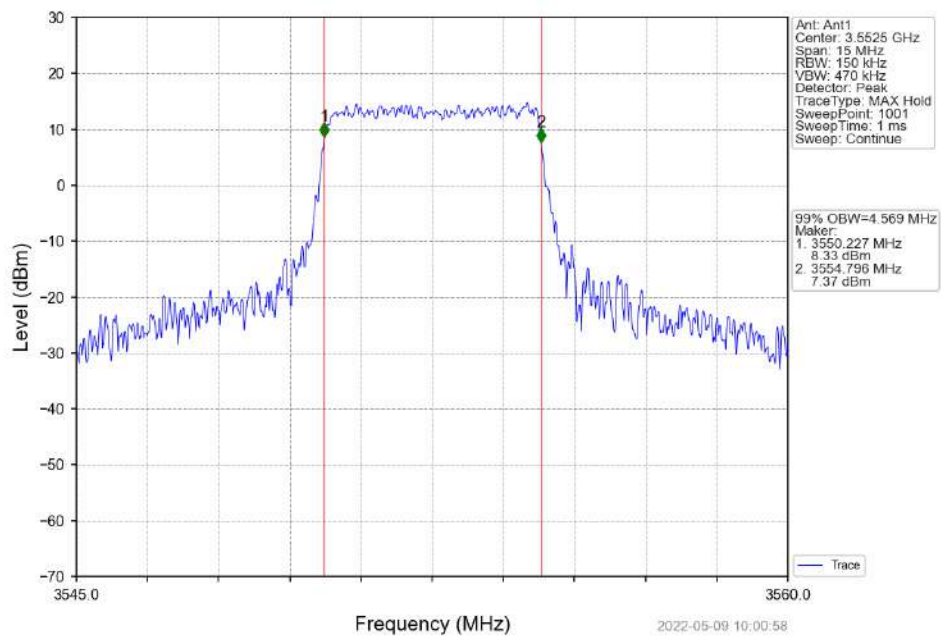
1.1.2 Test Graph



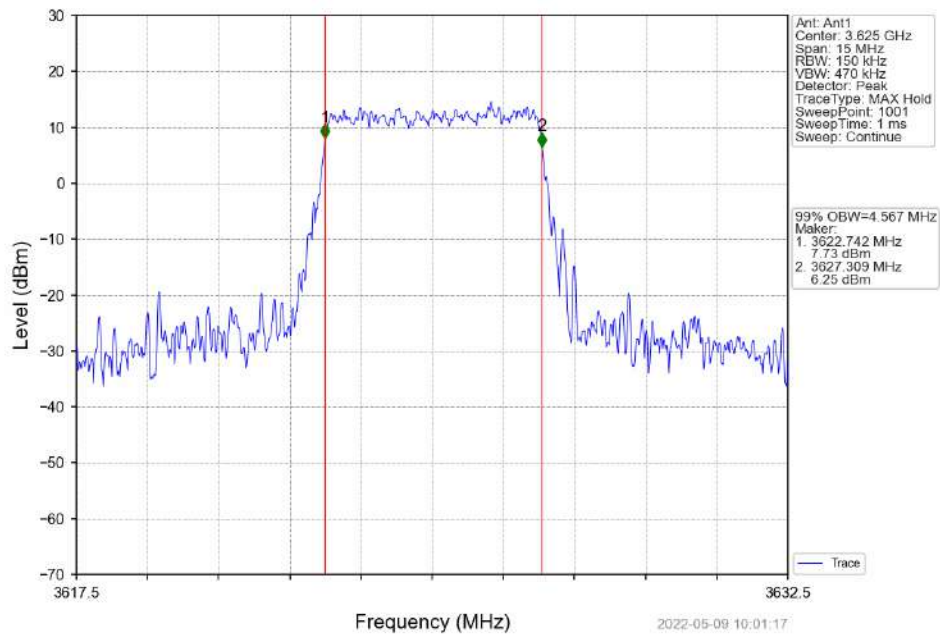
Band48 5MHz QPSK HCH 3697.5MHz RB 25 0 NTNV



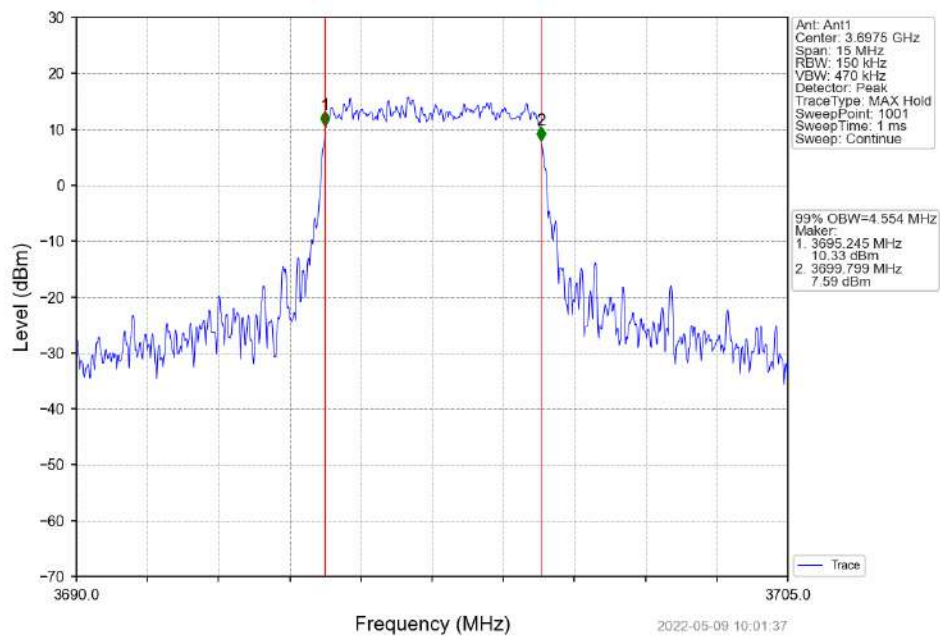
Band48 5MHz 16QAM LCH 3552.5MHz RB 25 0 NTNV



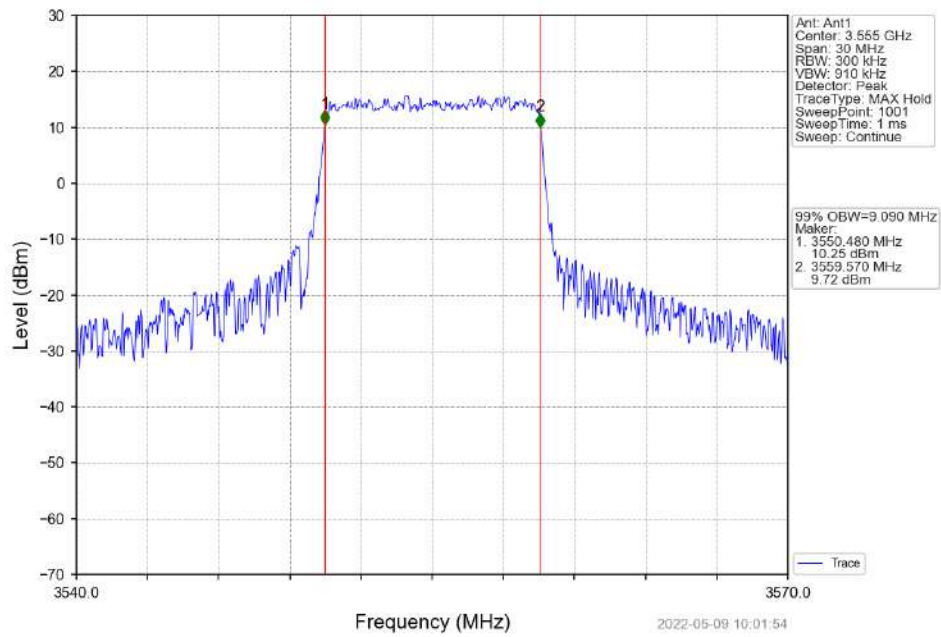
Band48 5MHz 16QAM MCH 3625MHz RB 25 0 NTNV



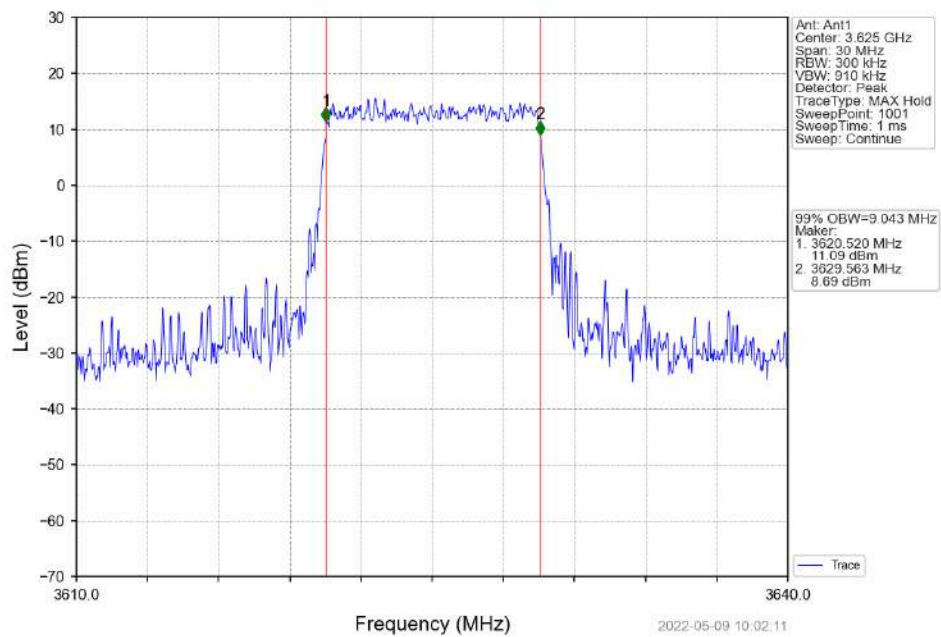
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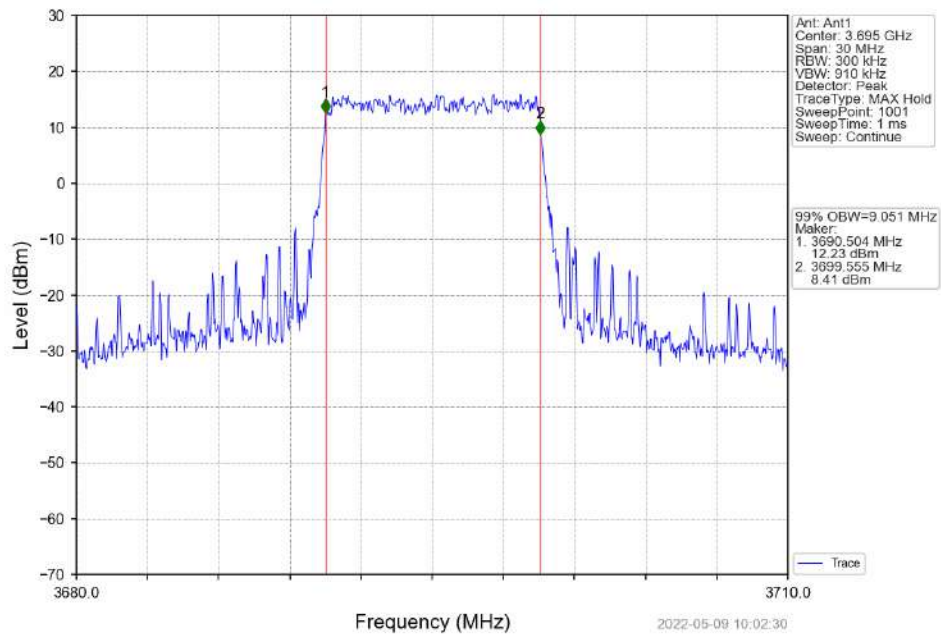
Band48 10MHz QPSK LCH 3555MHz RB 50 0 NTNV



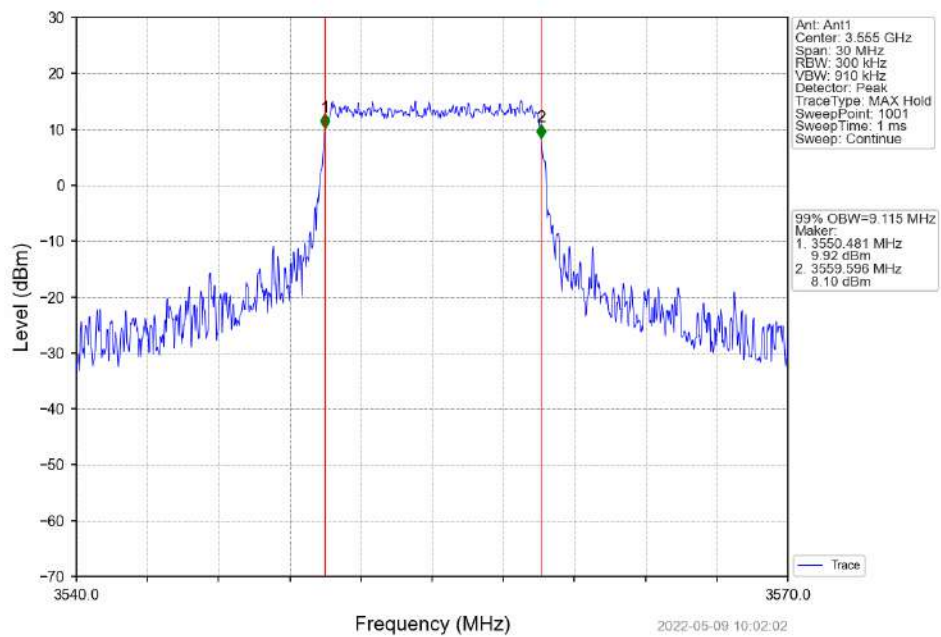
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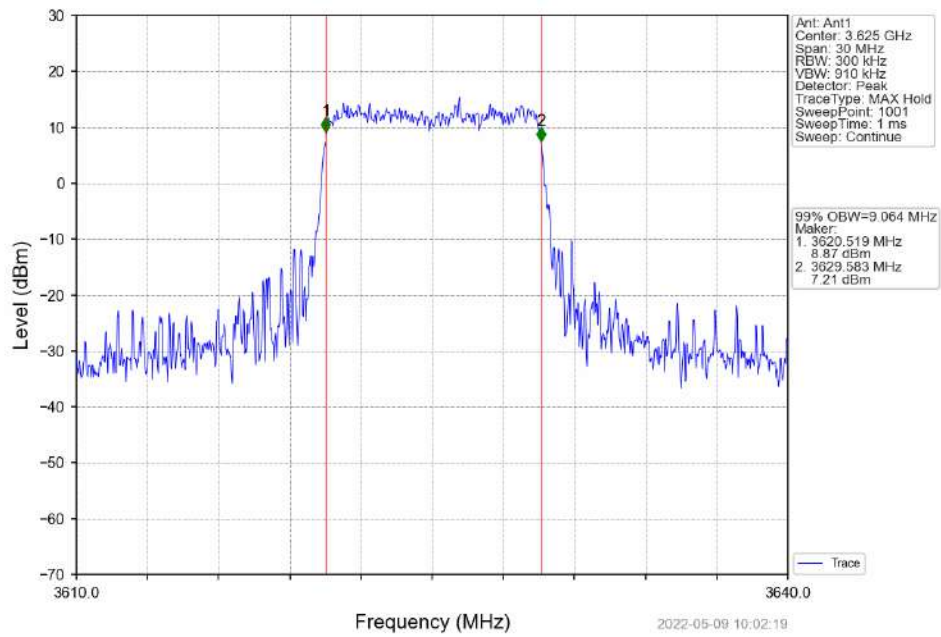
Band48 10MHz QPSK HCH 3695MHz RB 50 0 NTNV



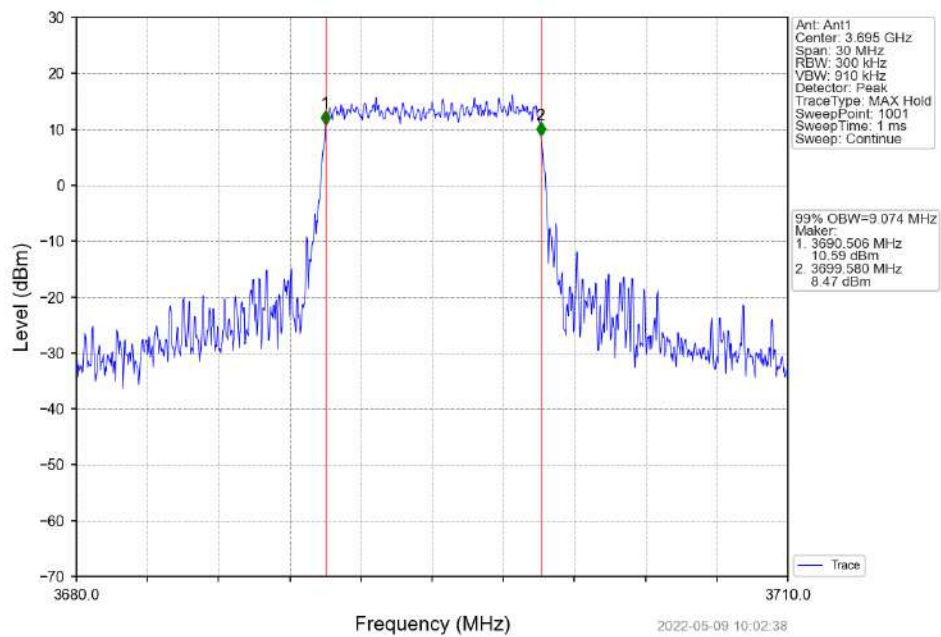
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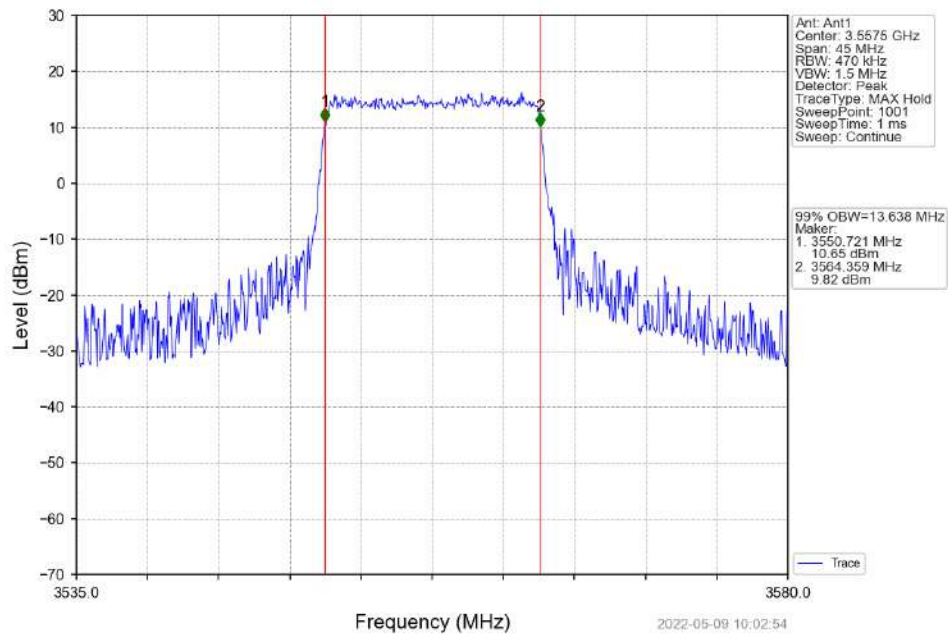
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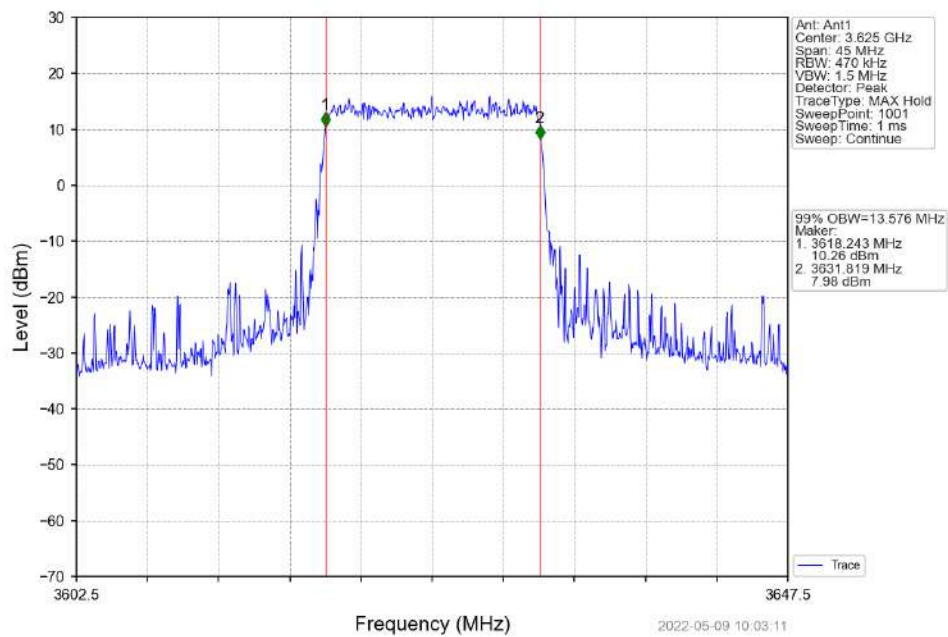
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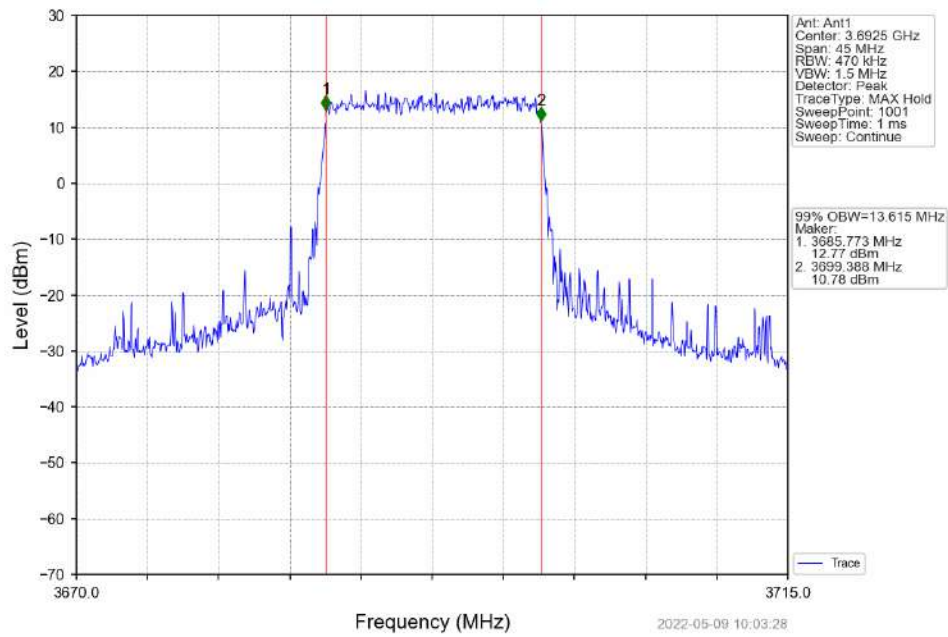
Band48 15MHz QPSK LCH 3557.5MHz RB 75 0 NTNV



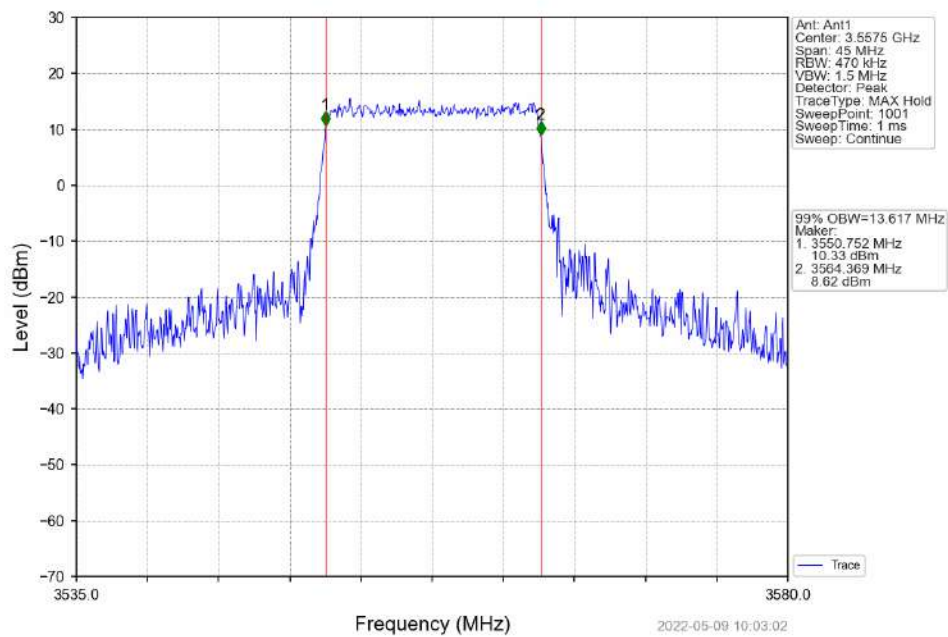
Band48 15MHz QPSK MCH 3625MHz RB 75 0 NTNV



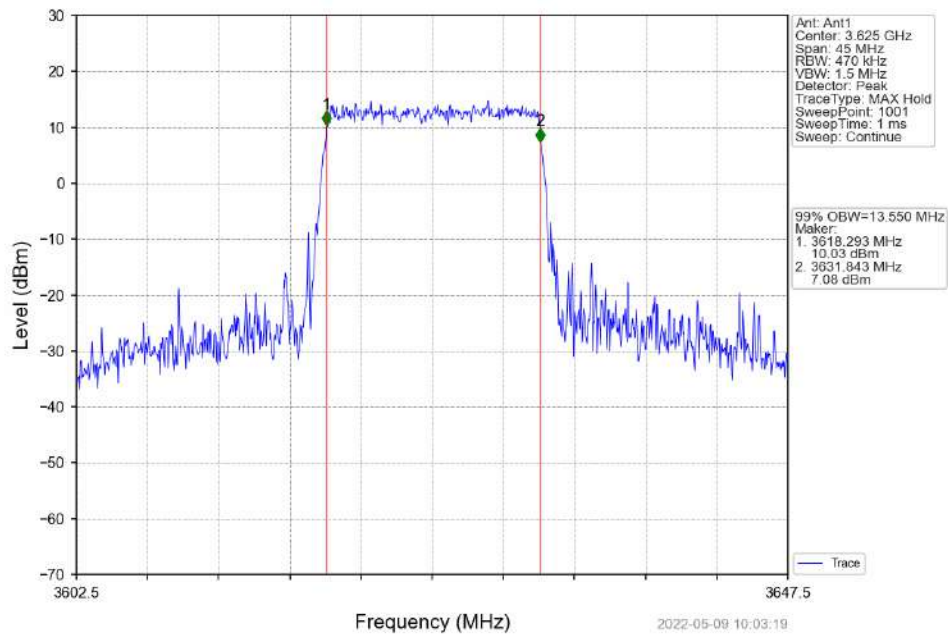
Band48 15MHz QPSK HCH 3692.5MHz RB 75 0 NTNV



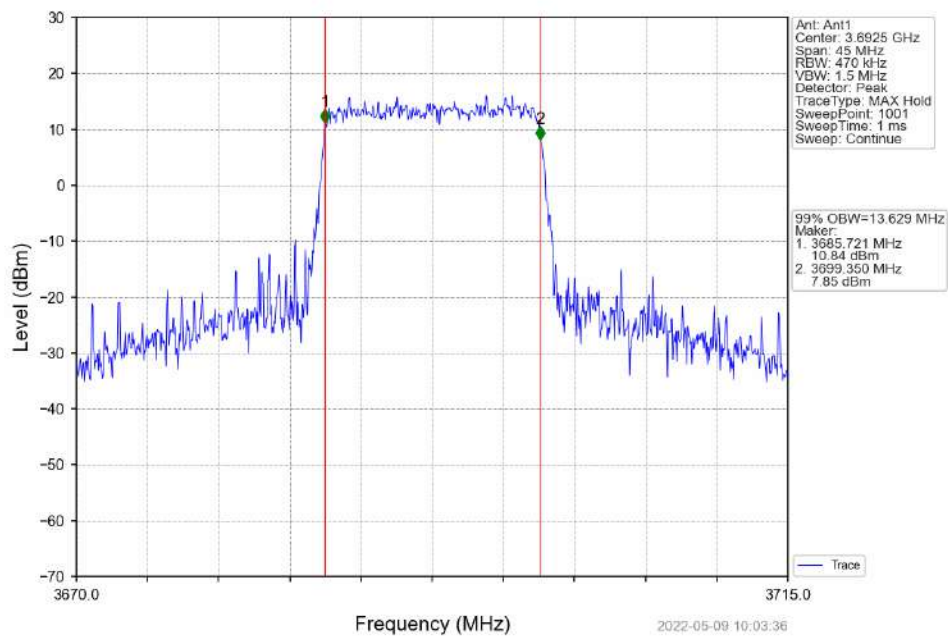
Band48 15MHz 16QAM LCH 3557.5MHz RB 75 0 NTNV



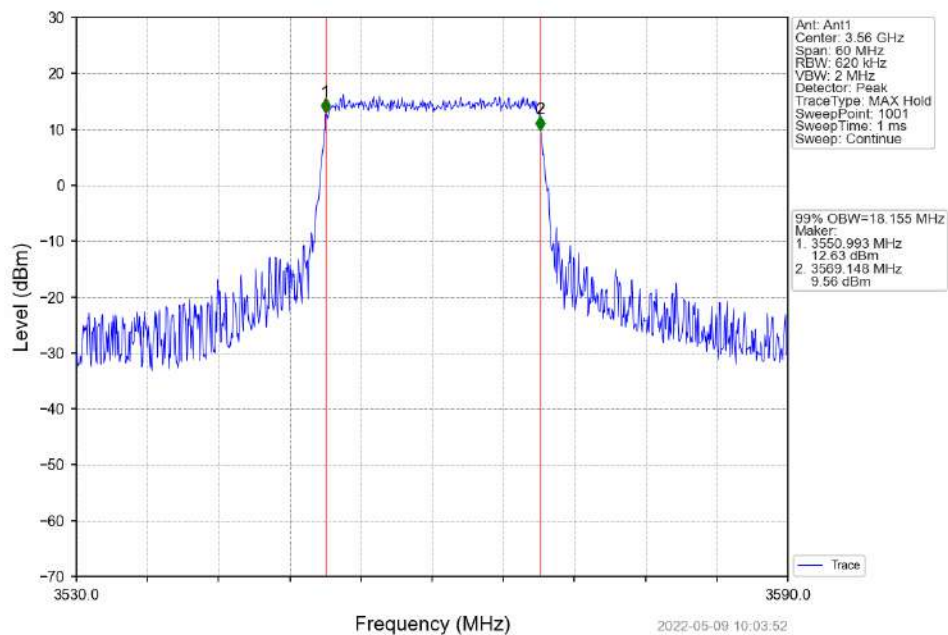
Band48 15MHz 16QAM MCH 3625MHz RB 75 0 NTNV



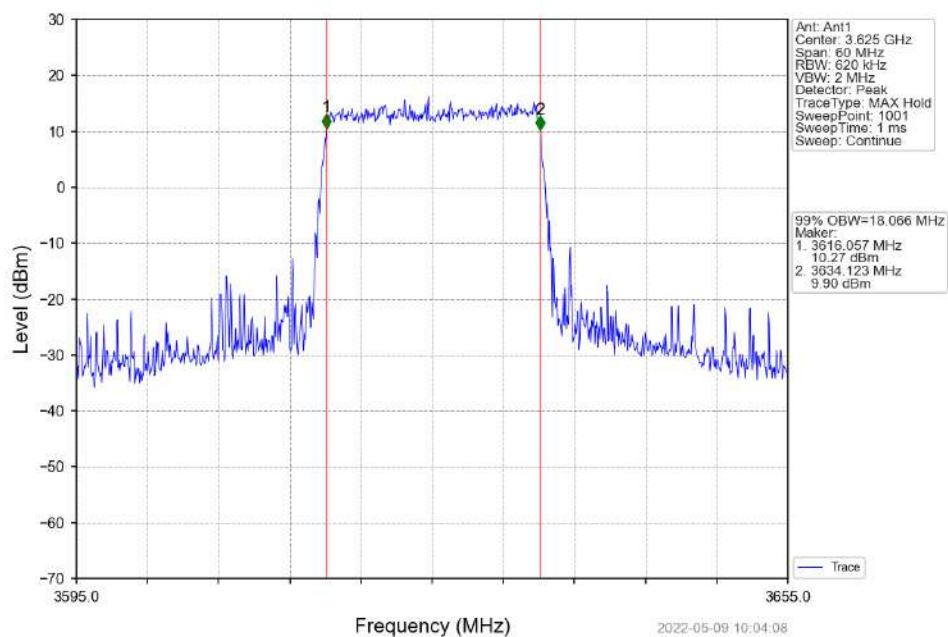
Band48 15MHz 16QAM HCH 3692.5MHz RB 75 0 NTNV



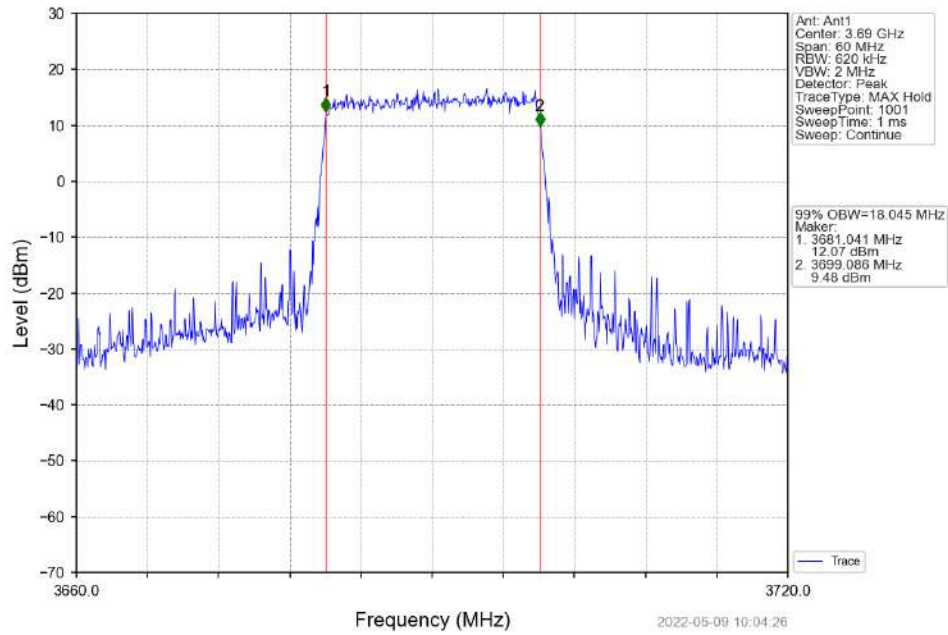
Band48 20MHz QPSK LCH 3560MHz RB 100 0 NTNV



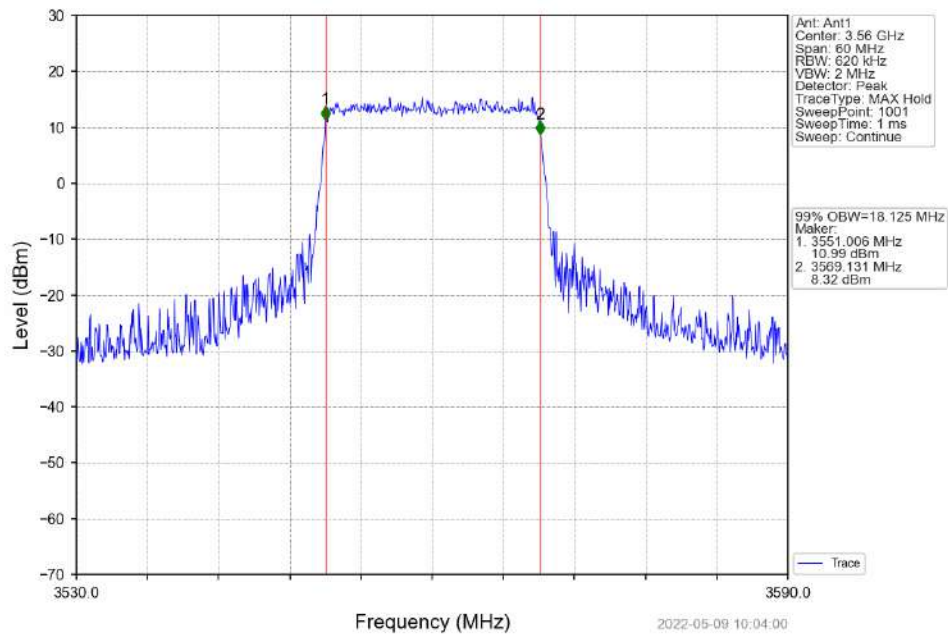
Band48 20MHz QPSK MCH 3625MHz RB 100 0 NTNV



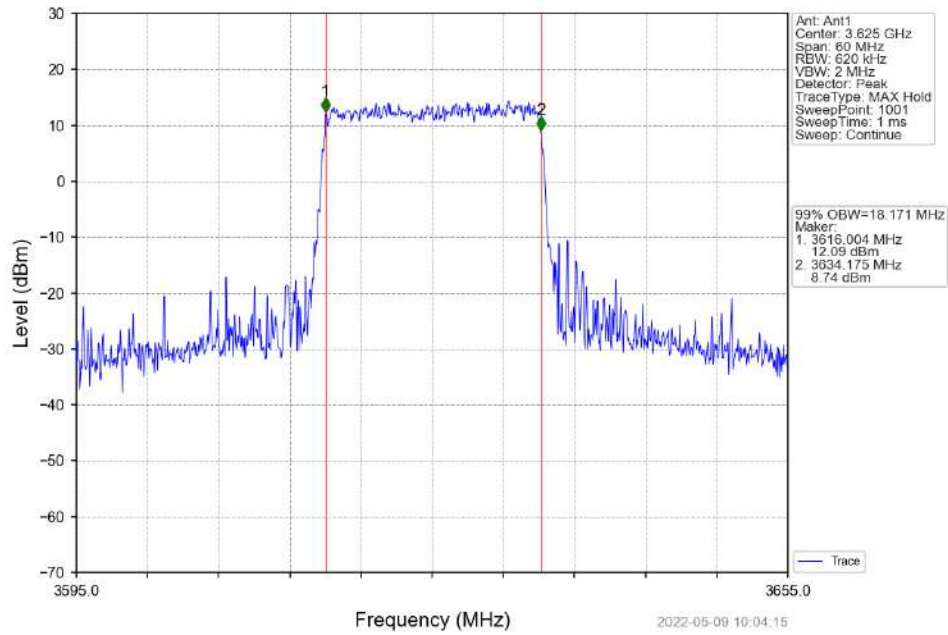
Band48 20MHz QPSK HCH 3690MHz RB 100 0 NTNV



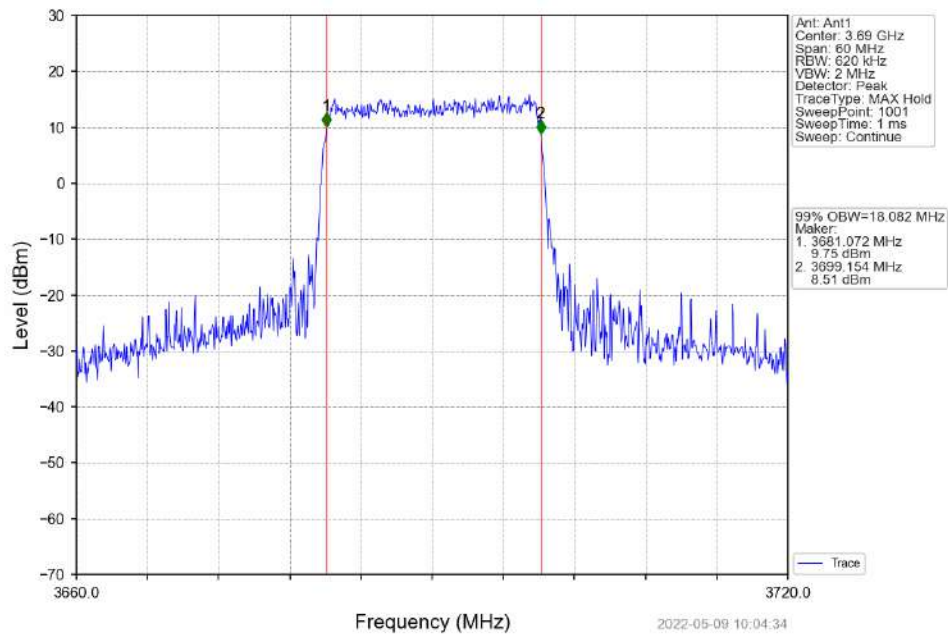
Band48 20MHz 16QAM LCH 3560MHz RB 100 0 NTNV



Band48 20MHz 16QAM MCH 3625MHz RB 100 0 NTNV



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

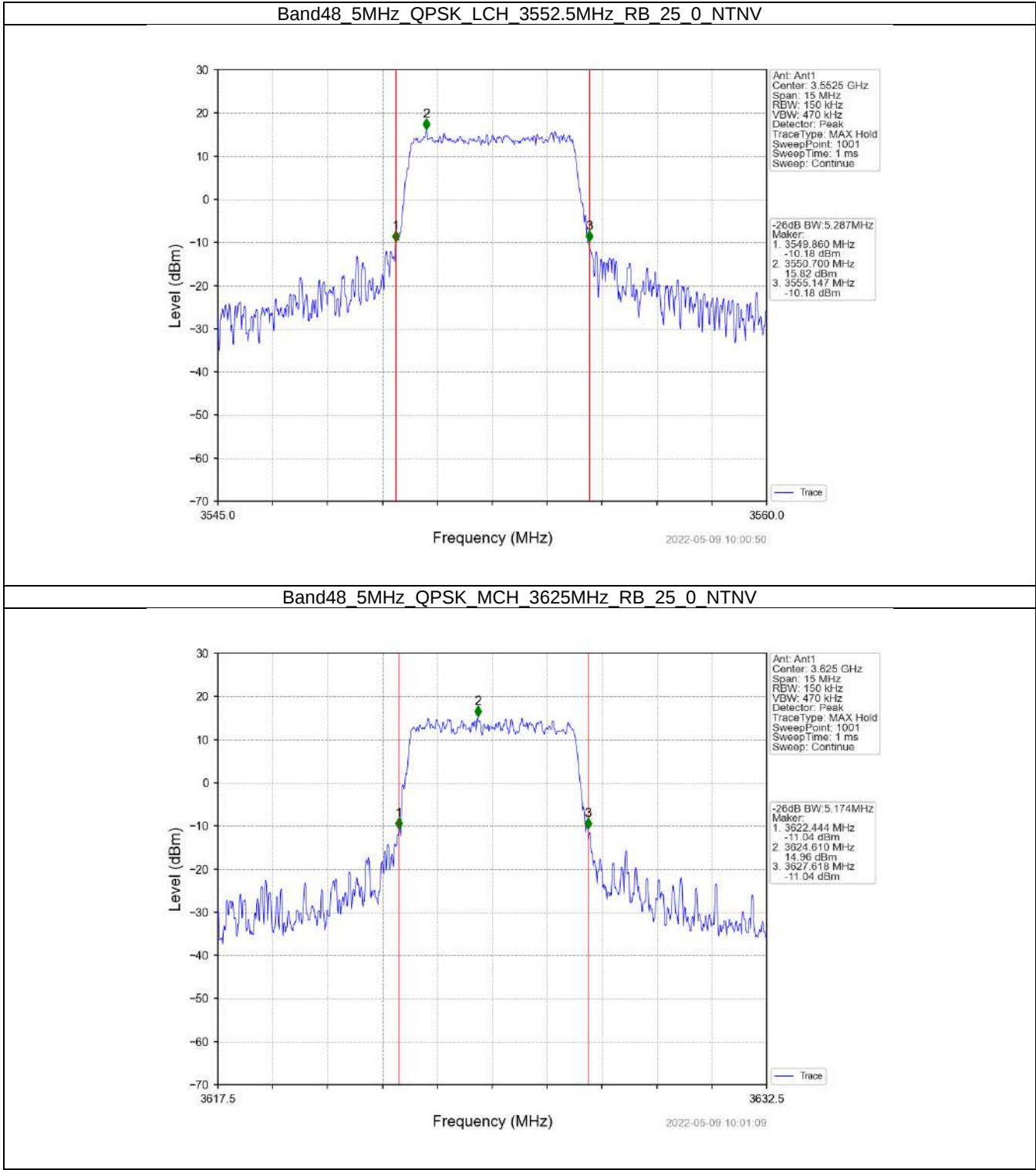


1.2 Band48_XDB

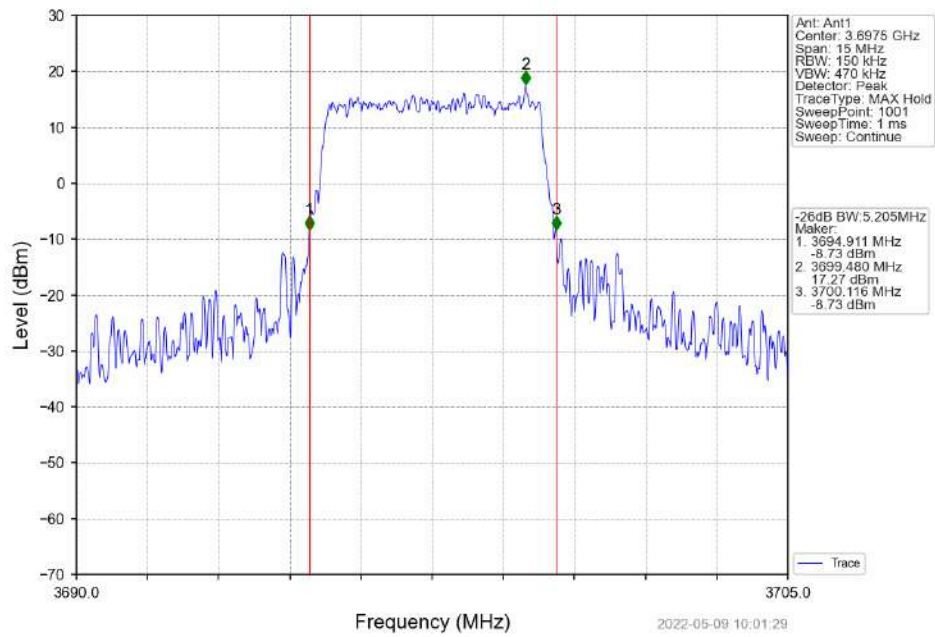
1.2.1 Test Result

Band: 48 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	3552.5	25	0	5.287	Pass
		3625	25	0	5.174	Pass
		3697.5	25	0	5.205	Pass
	16QAM	3552.5	25	0	5.707	Pass
		3625	25	0	5.421	Pass
		3697.5	25	0	5.194	Pass
10	QPSK	3555	50	0	10.257	Pass
		3625	50	0	10.632	Pass
		3695	50	0	11.570	Pass
	16QAM	3555	50	0	12.065	Pass
		3625	50	0	10.827	Pass
		3695	50	0	10.556	Pass
15	QPSK	3557.5	75	0	16.696	Pass
		3625	75	0	14.878	Pass
		3692.5	75	0	16.584	Pass
	16QAM	3557.5	75	0	17.382	Pass
		3625	75	0	15.512	Pass
		3692.5	75	0	16.249	Pass
20	QPSK	3560	100	0	20.761	Pass
		3625	100	0	19.814	Pass
		3690	100	0	19.834	Pass
	16QAM	3560	100	0	21.447	Pass
		3625	100	0	21.440	Pass
		3690	100	0	19.782	Pass

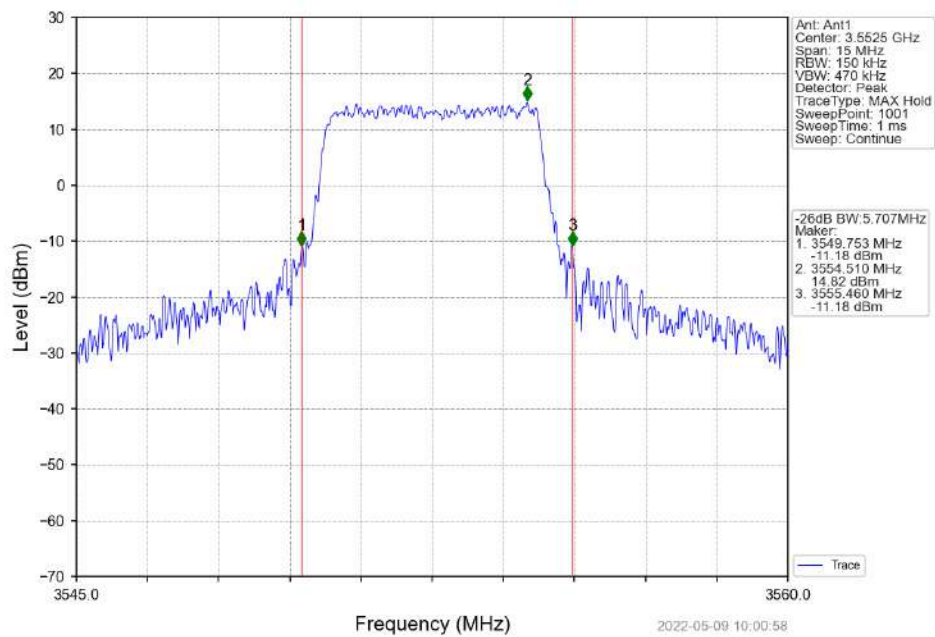
1.2.2 Test Graph



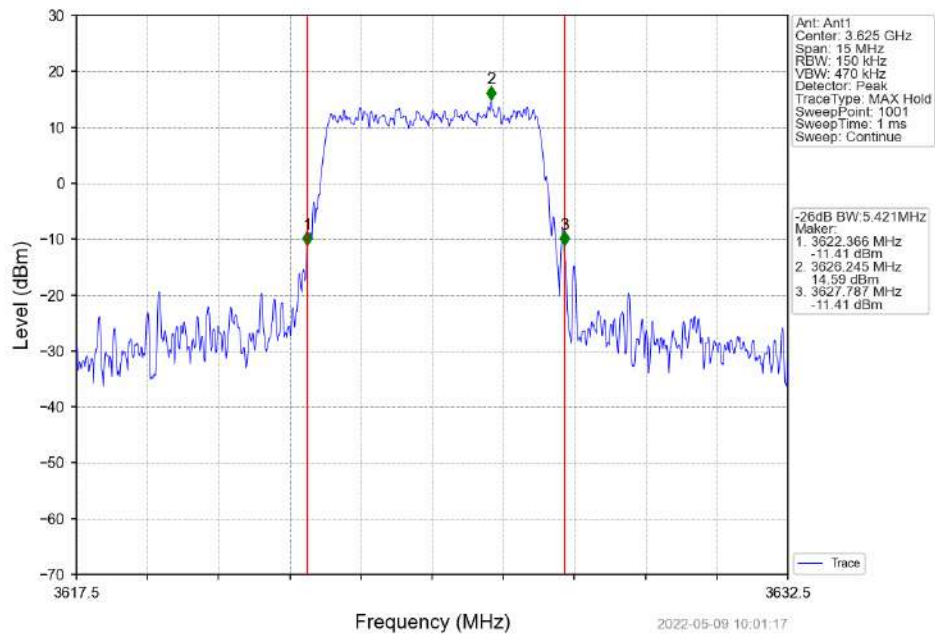
Band48 5MHz QPSK HCH 3697.5MHz RB 25 0 NTNV



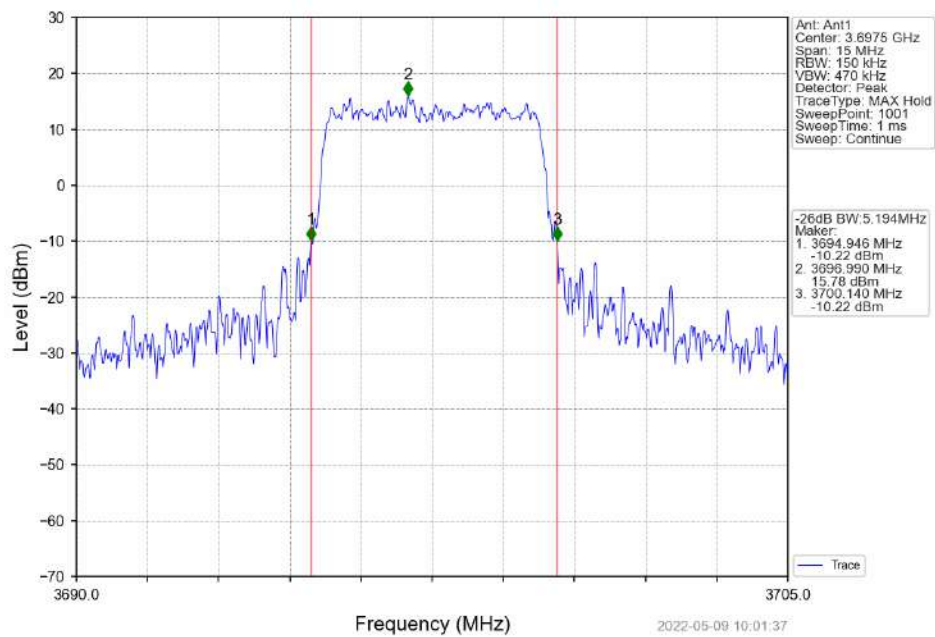
Band48 5MHz 16QAM LCH 3552.5MHz RB 25 0 NTNV



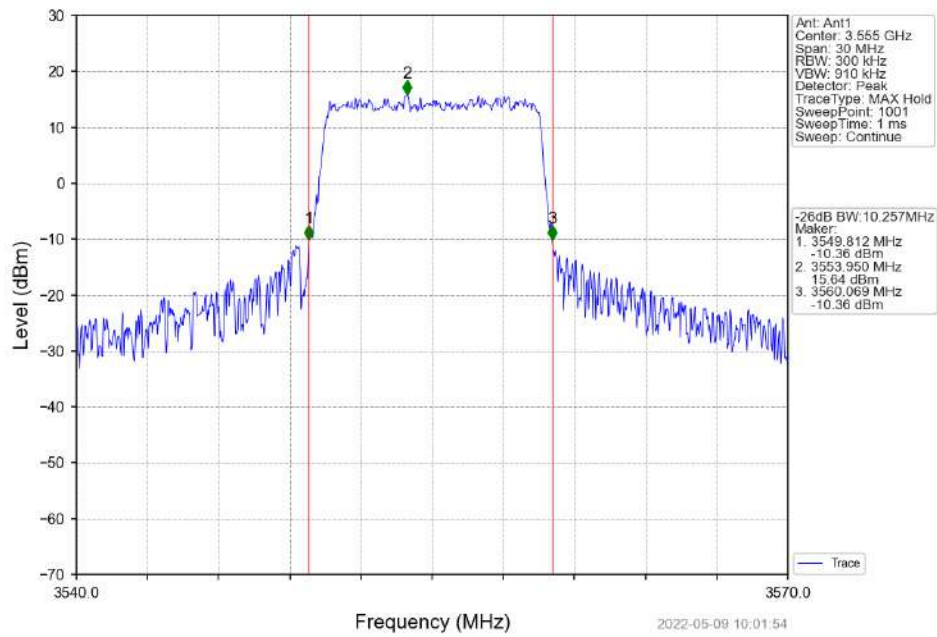
Band48 5MHz 16QAM MCH 3625MHz RB 25 0 NTNV



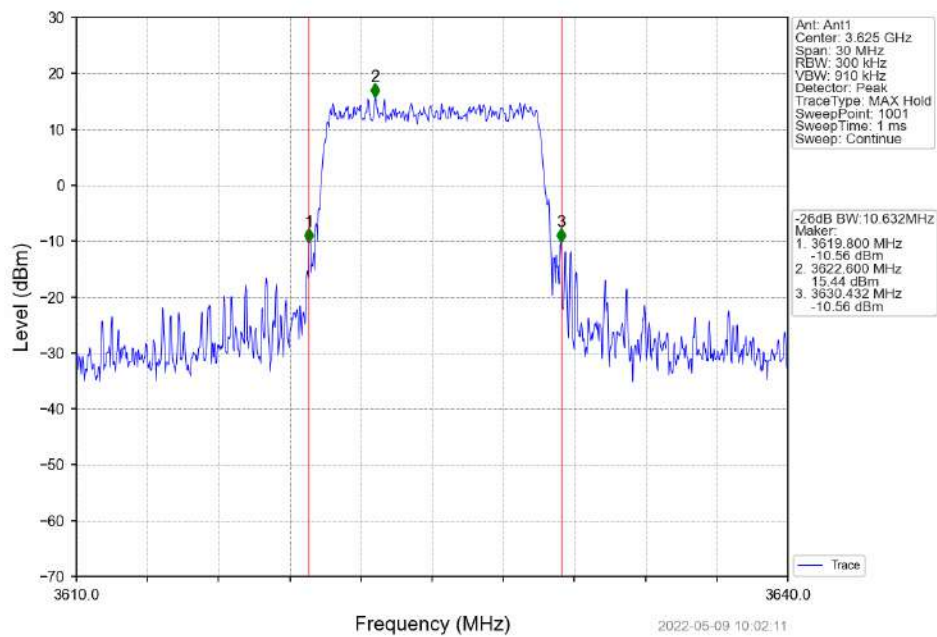
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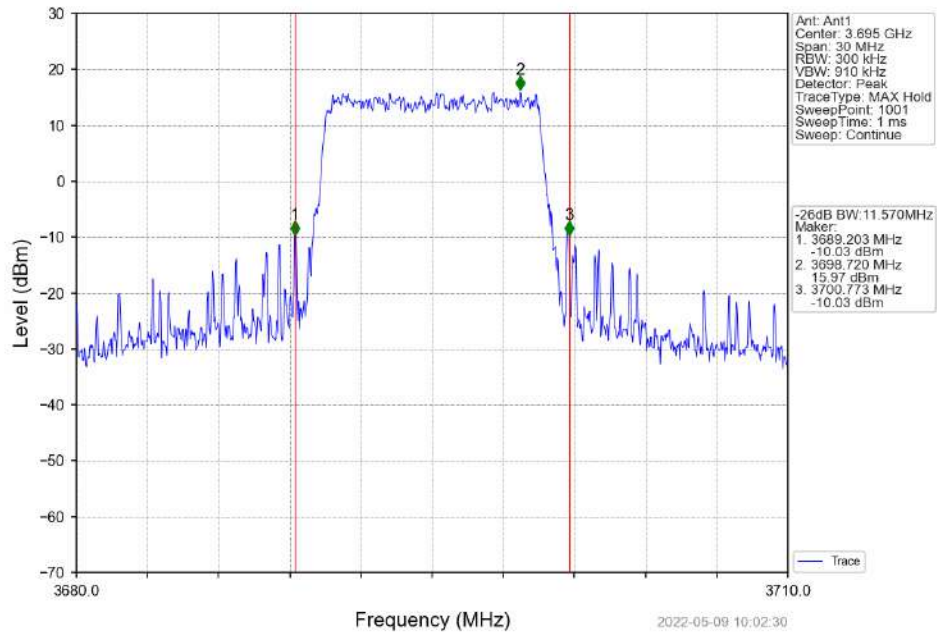
Band48 10MHz QPSK LCH 3555MHz RB 50 0 NTN



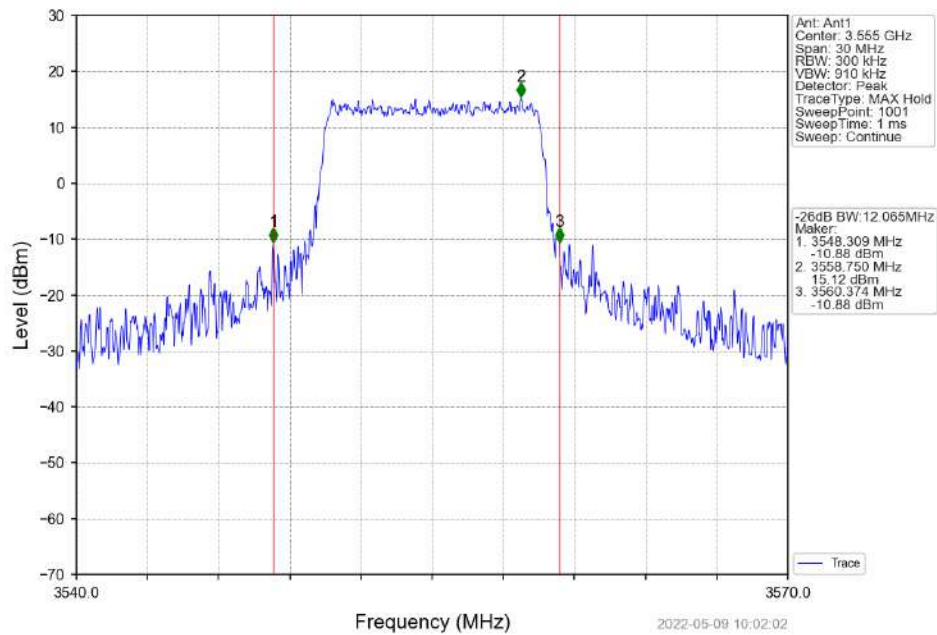
Band48 10MHz QPSK MCH 3625MHz RB 50 0 NTN



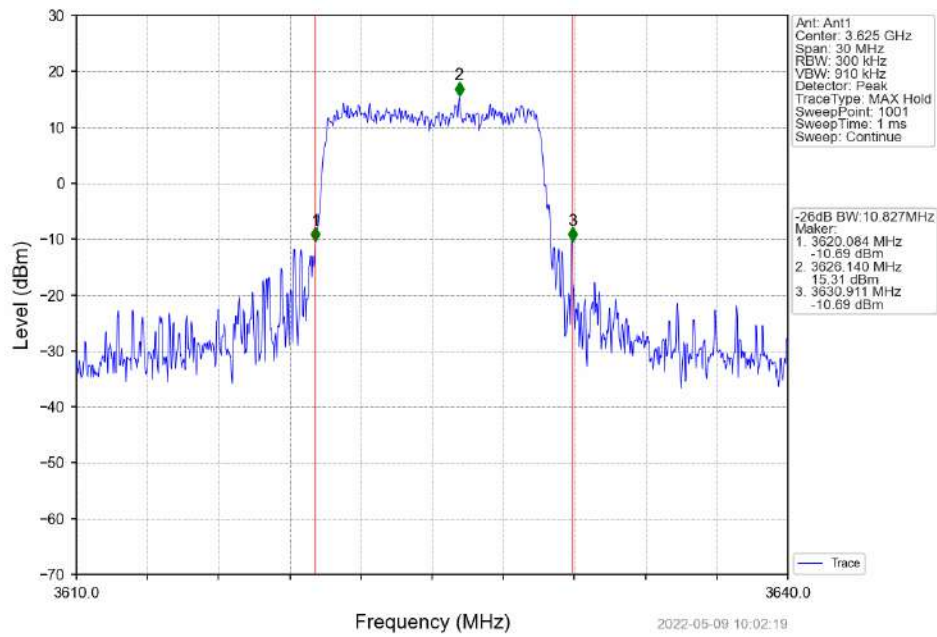
Band48 10MHz QPSK HCH 3695MHz RB 50 0 NTNV



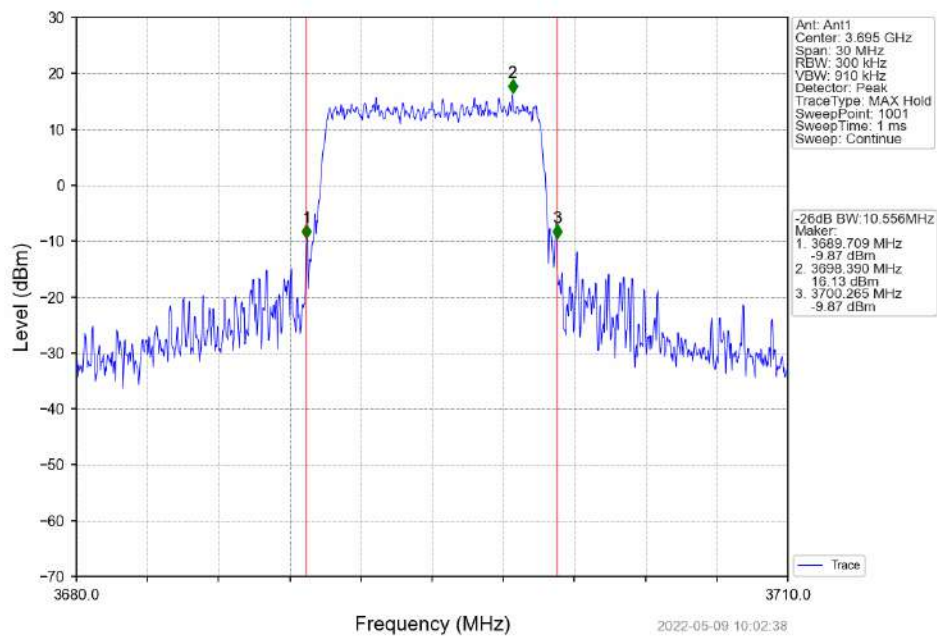
Band48 10MHz 16QAM LCH 3555MHz RB 50 0 NTNV



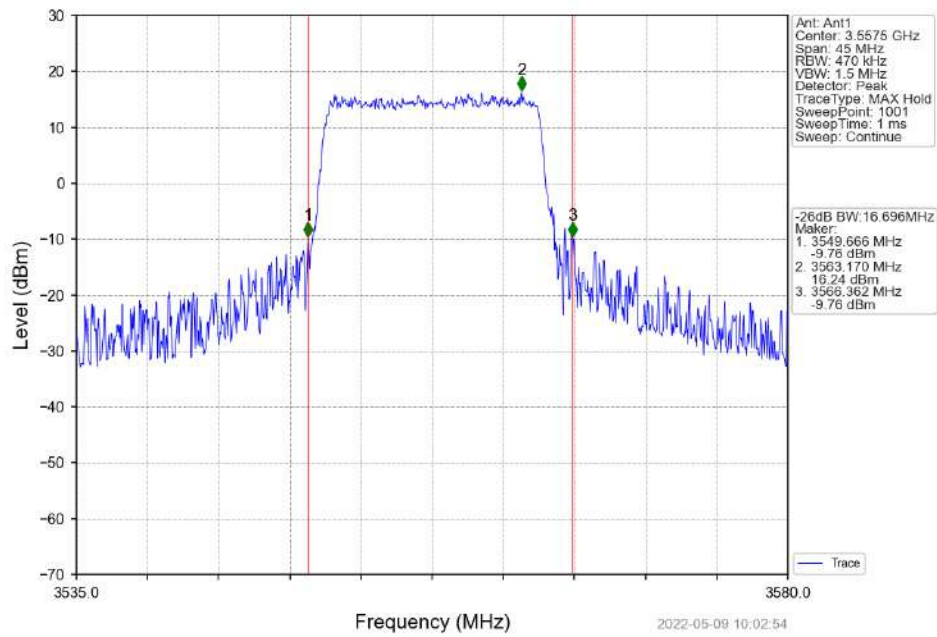
Band48 10MHz 16QAM MCH 3625MHz RB 50 0 NTNV



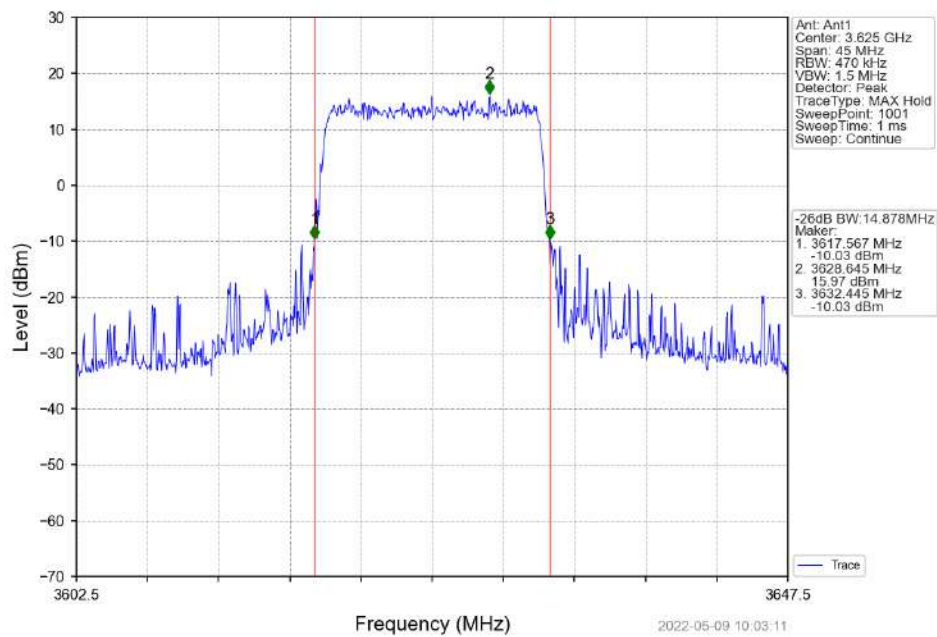
Band48 10MHz 16QAM HCH 3695MHz RB 50 0 NTNV



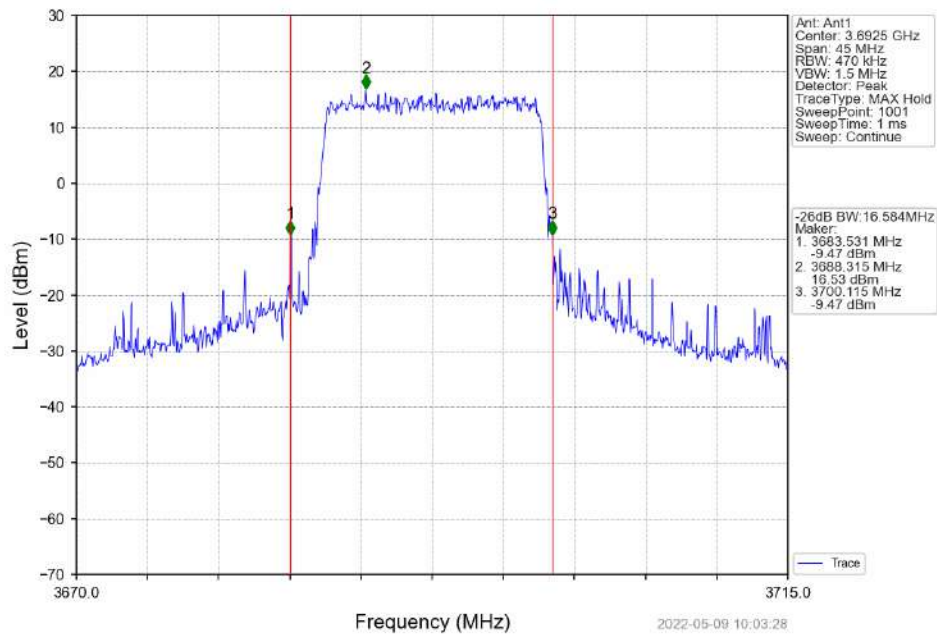
Band48 15MHz QPSK LCH 3557.5MHz RB 75 0 NTNV



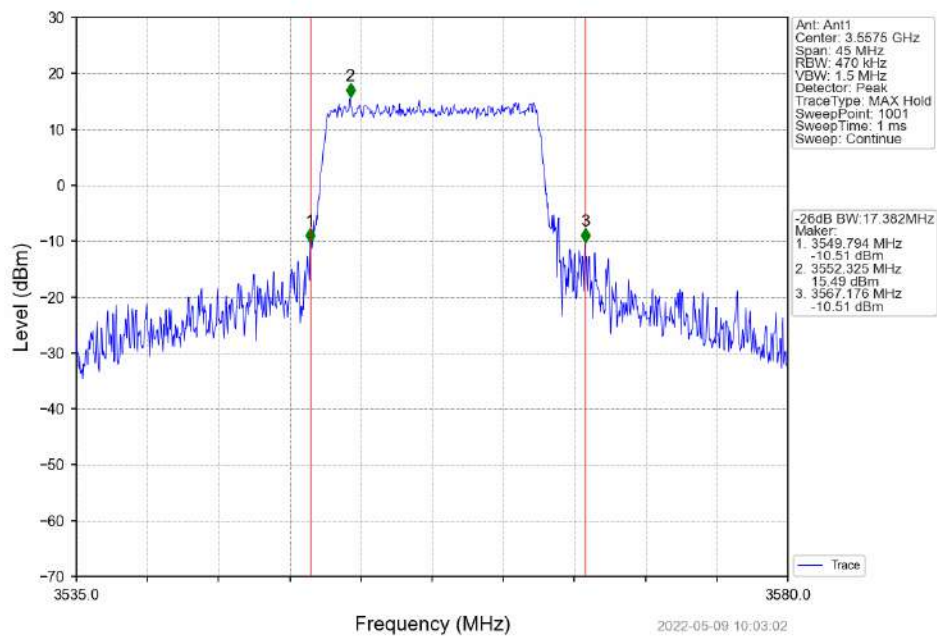
Band48 15MHz QPSK MCH 3625MHz RB 75 0 NTNV



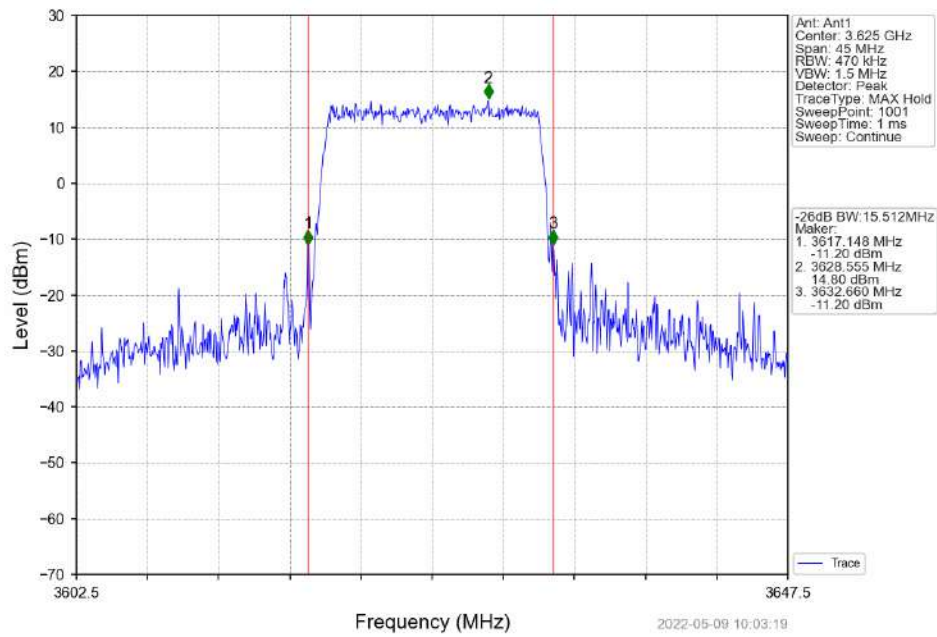
Band48 15MHz QPSK HCH 3692.5MHz RB 75 0 NTN



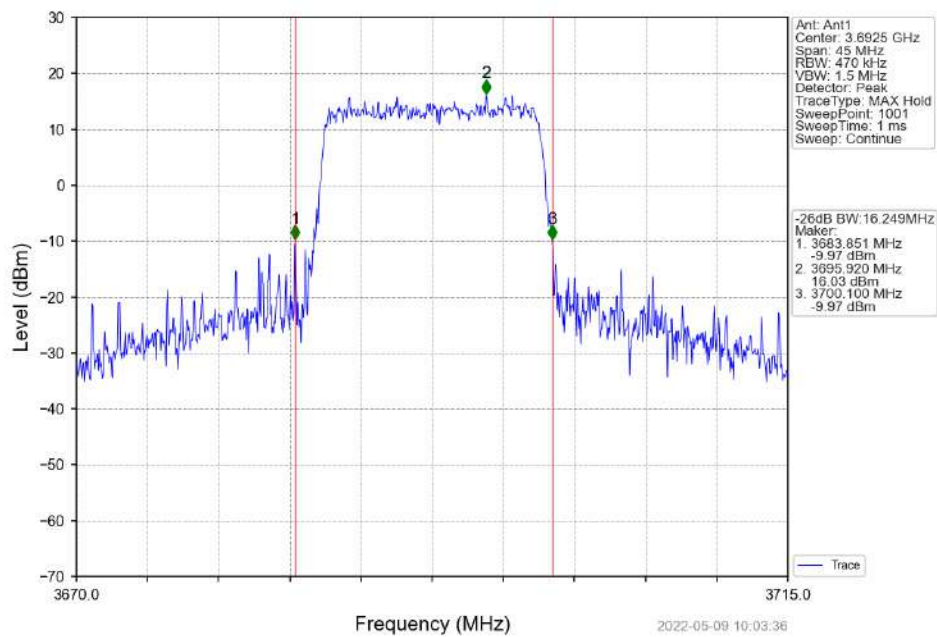
Band48 15MHz 16QAM LCH 3557.5MHz RB 75 0 NTN



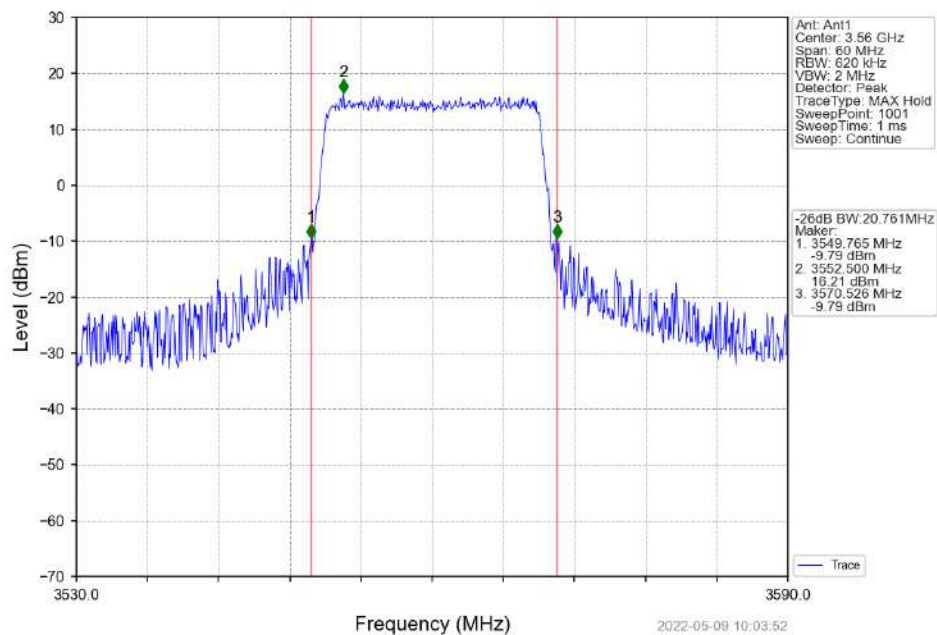
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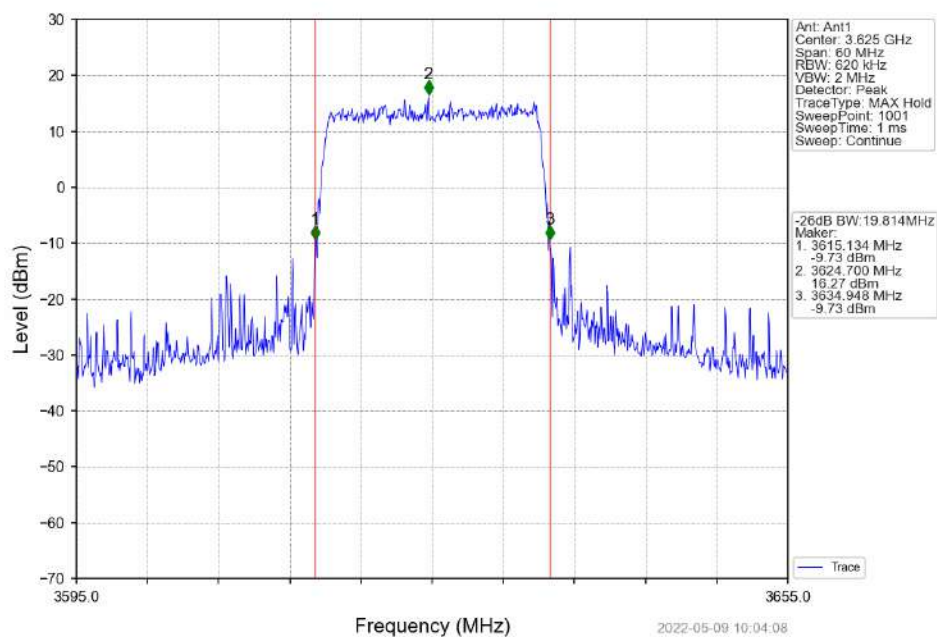
Band48 15MHz 16QAM HCH 3692.5MHz RB 75 0 NTNV



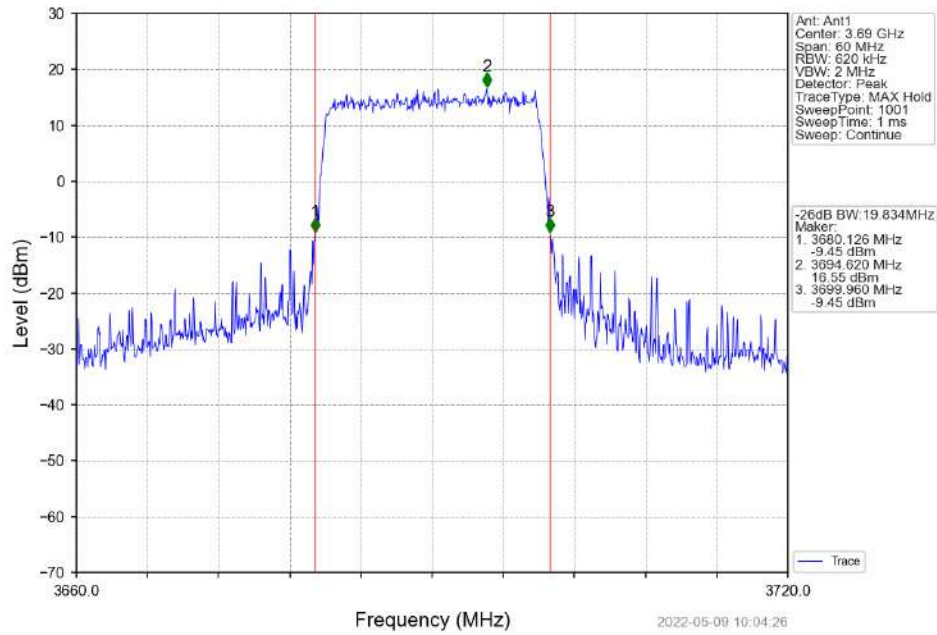
Band48 20MHz QPSK LCH 3560MHz RB 100 0 NTNV



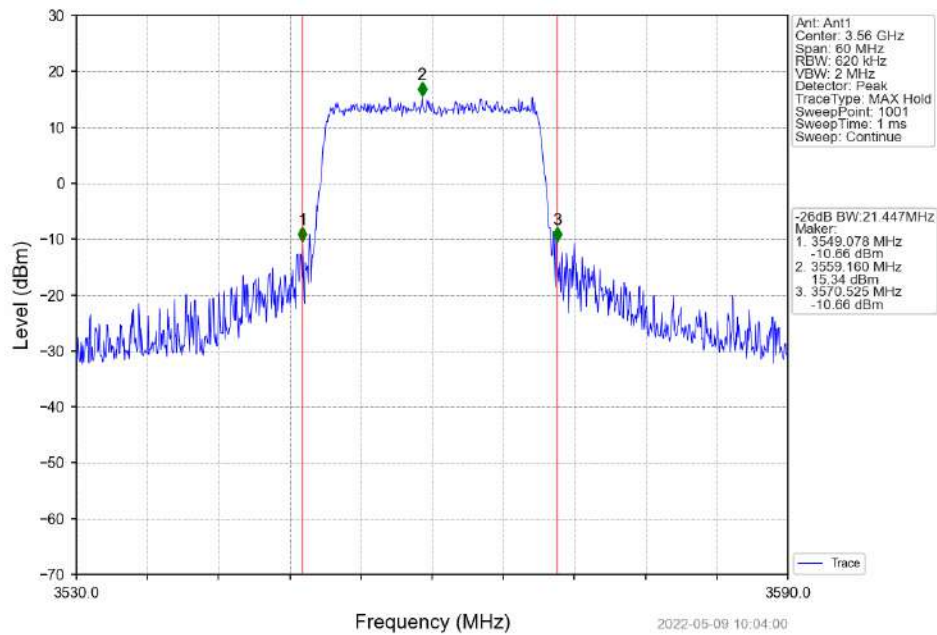
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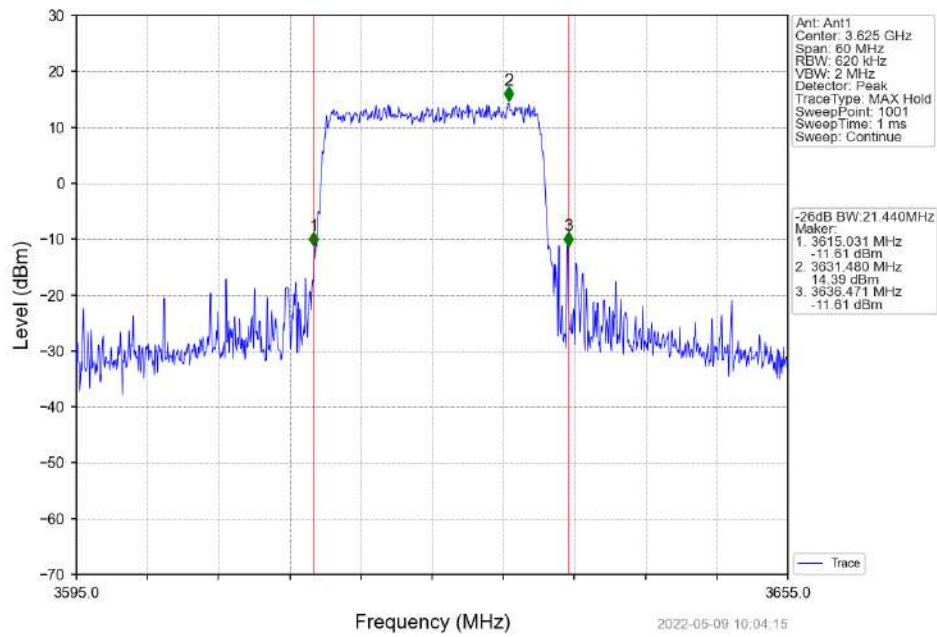
Band48 20MHz QPSK HCH 3690MHz RB 100 0 NTN



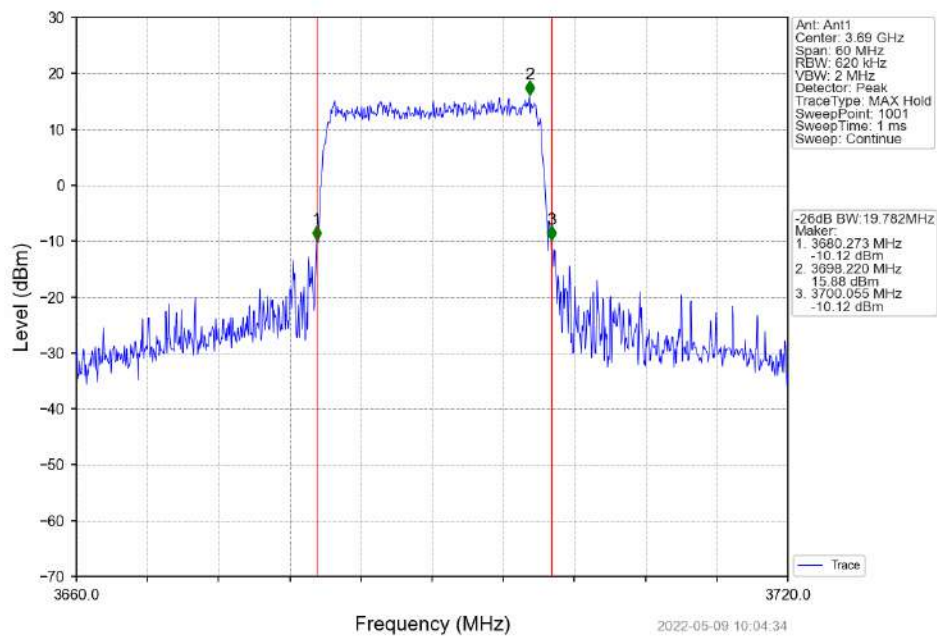
Band48 20MHz 16QAM LCH 3560MHz RB 100 0 NTN



Band48 20MHz 16QAM MCH 3625MHz RB 100 0 NTN



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



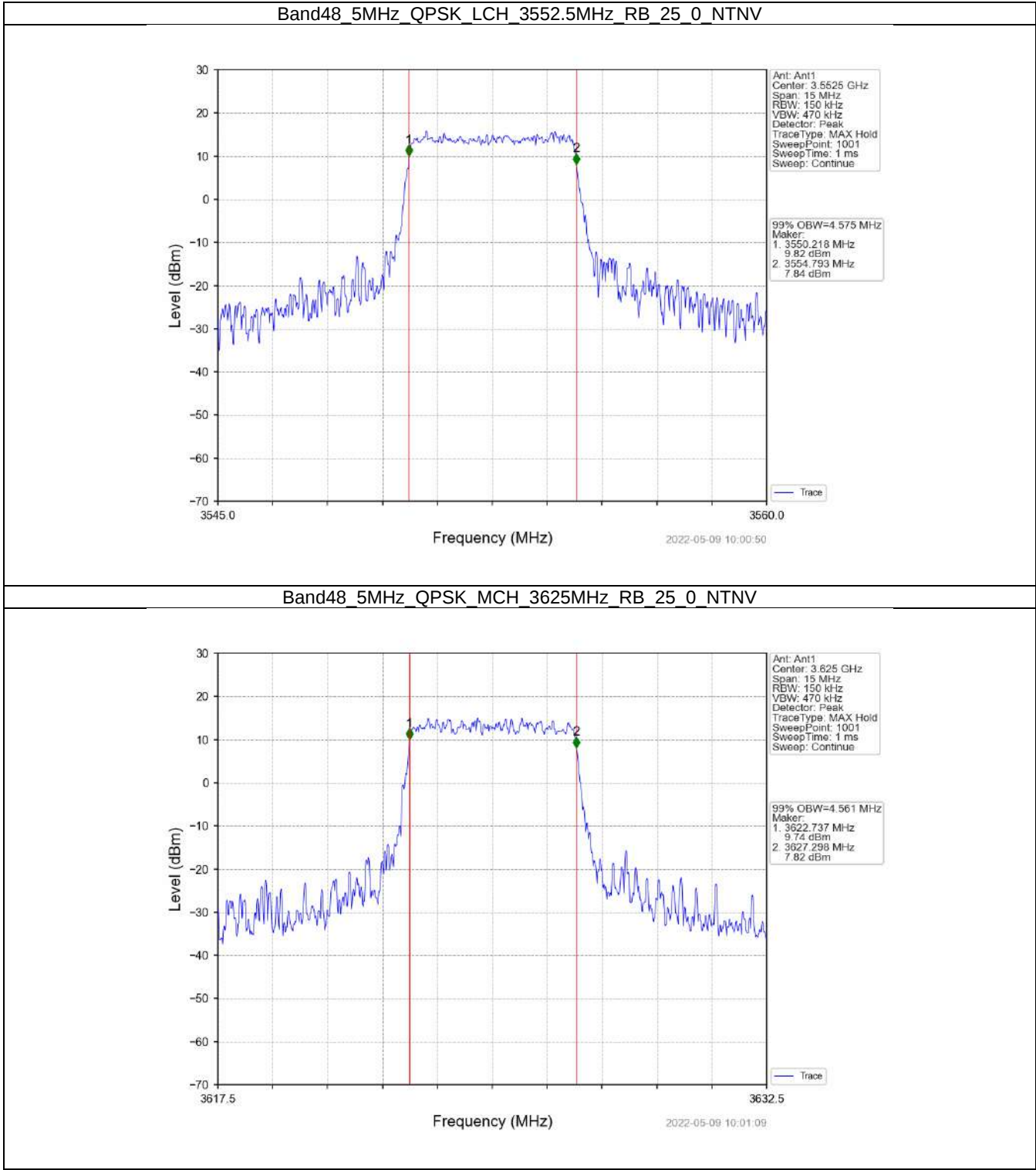
4. 99% & 26dB Bandwidth

4.1 Band48_OBW

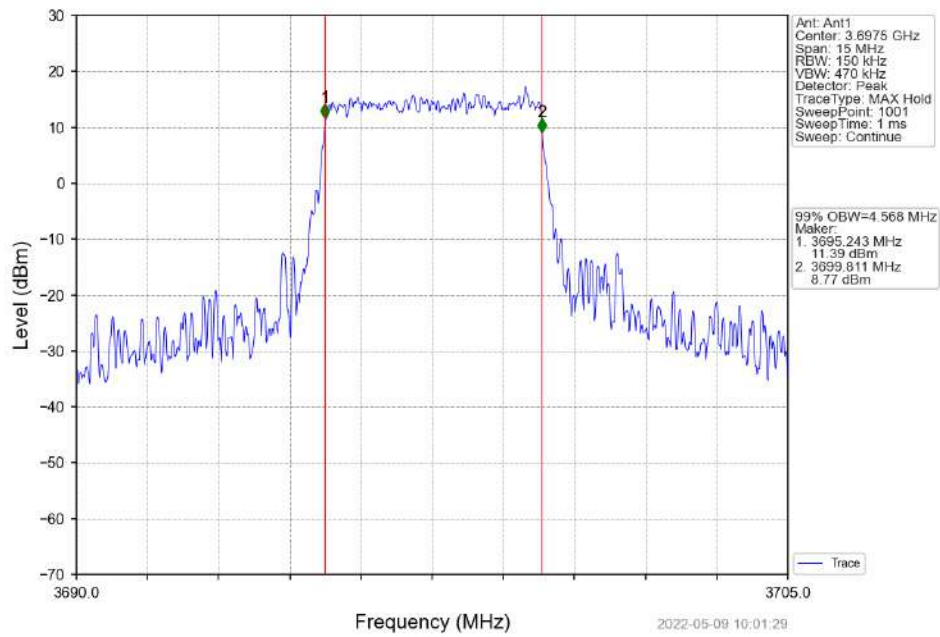
4.1.1 Test Result

report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked
report_checked	report_checked	report_checked	report_checked	report_checked	99% Occupied Bandwidth (MHz)	report_checked
report_checked	report_checked	report_checked	Size	Offset	Result	report_checked
report_checked	report_checked	3552.5	25	0	4.575	Pass
report_checked	report_checked	3625	25	0	4.561	Pass
report_checked	report_checked	3697.5	25	0	4.568	Pass
report_checked	report_checked	3552.5	25	0	4.569	Pass
report_checked	report_checked	3625	25	0	4.567	Pass
report_checked	report_checked	3697.5	25	0	4.554	Pass
report_checked	report_checked	3555	50	0	9.090	Pass
report_checked	report_checked	3625	50	0	9.043	Pass
report_checked	report_checked	3695	50	0	9.051	Pass
report_checked	report_checked	3555	50	0	9.115	Pass
report_checked	report_checked	3625	50	0	9.064	Pass
report_checked	report_checked	3695	50	0	9.074	Pass
report_checked	report_checked	3557.5	75	0	13.638	Pass
report_checked	report_checked	3625	75	0	13.576	Pass
report_checked	report_checked	3692.5	75	0	13.615	Pass
report_checked	report_checked	3557.5	75	0	13.617	Pass
report_checked	report_checked	3625	75	0	13.550	Pass
report_checked	report_checked	3692.5	75	0	13.629	Pass
report_checked	report_checked	3560	100	0	18.155	Pass
report_checked	report_checked	3625	100	0	18.066	Pass
report_checked	report_checked	3690	100	0	18.045	Pass
report_checked	report_checked	3560	100	0	18.125	Pass
report_checked	report_checked	3625	100	0	18.171	Pass
report_checked	report_checked	3690	100	0	18.082	Pass

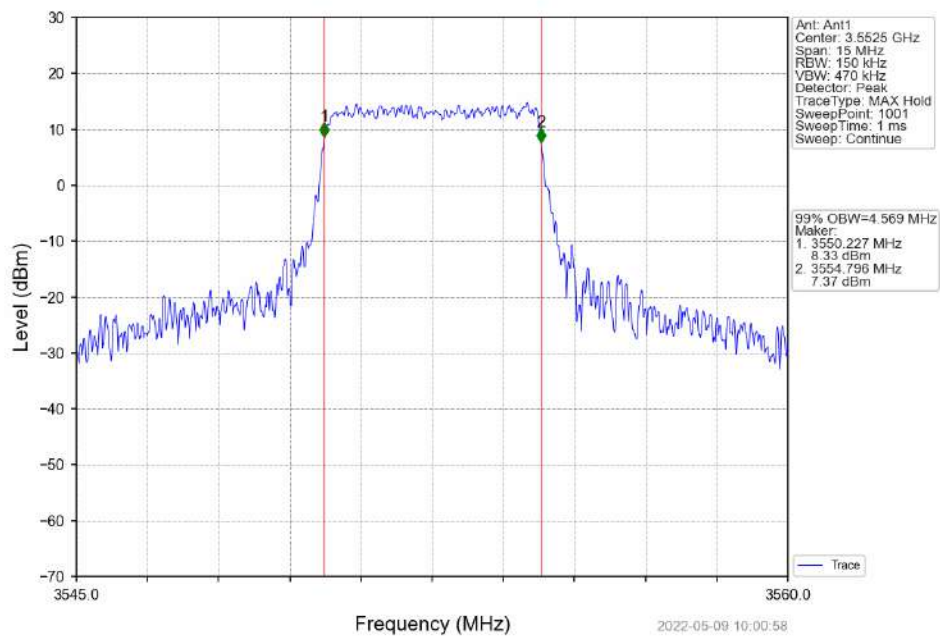
4.1.2 Test Graph



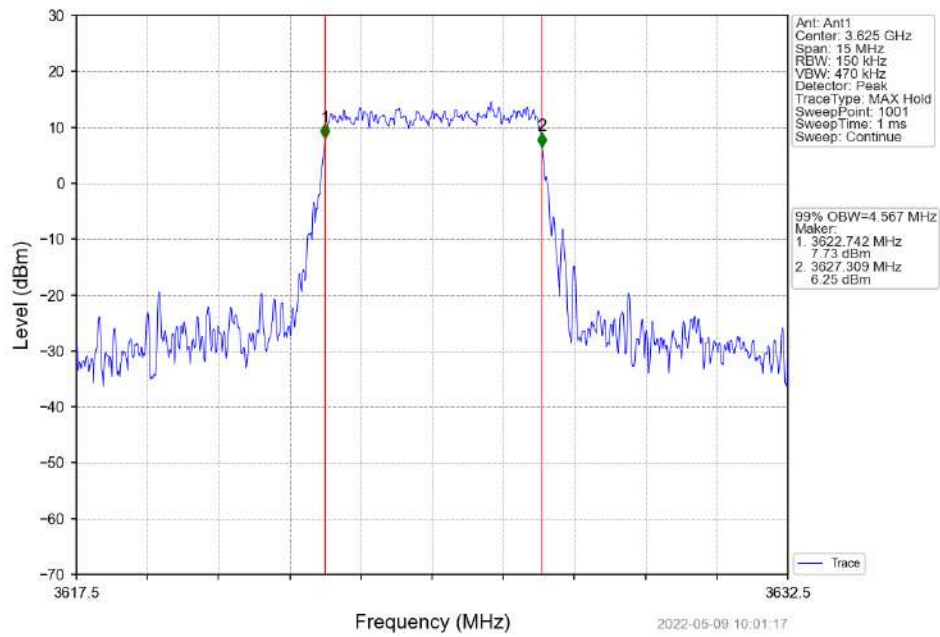
Band48 5MHz QPSK HCH 3697.5MHz RB 25 0 NTNV



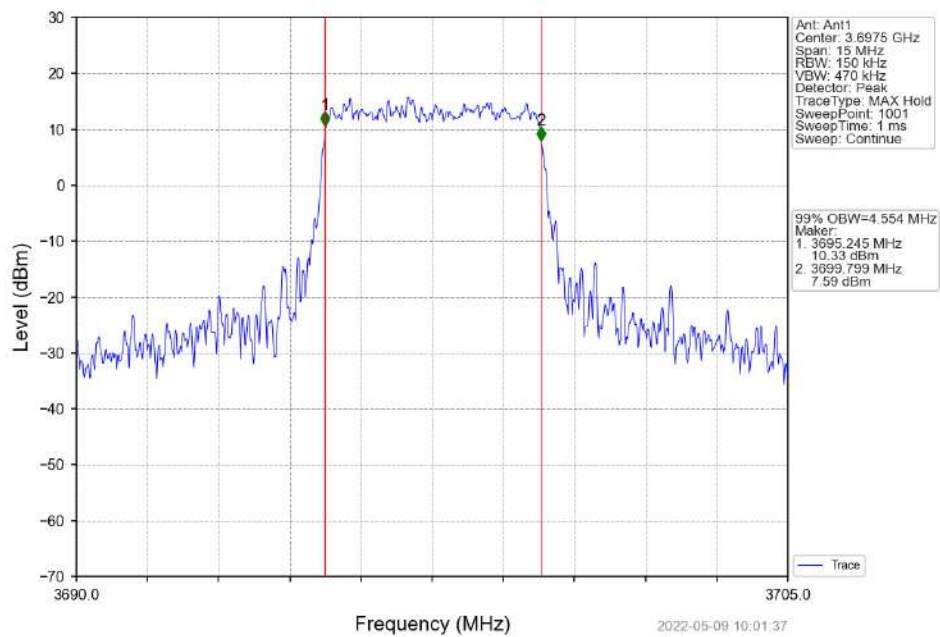
Band48 5MHz 16QAM LCH 3552.5MHz RB 25 0 NTNV



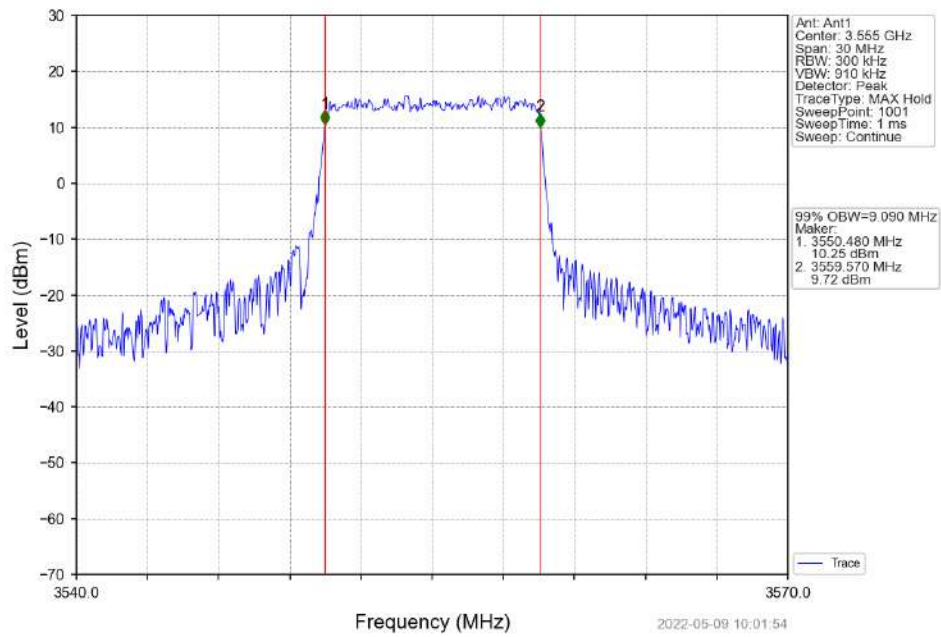
Band48 5MHz 16QAM MCH 3625MHz RB 25 0 NTNV



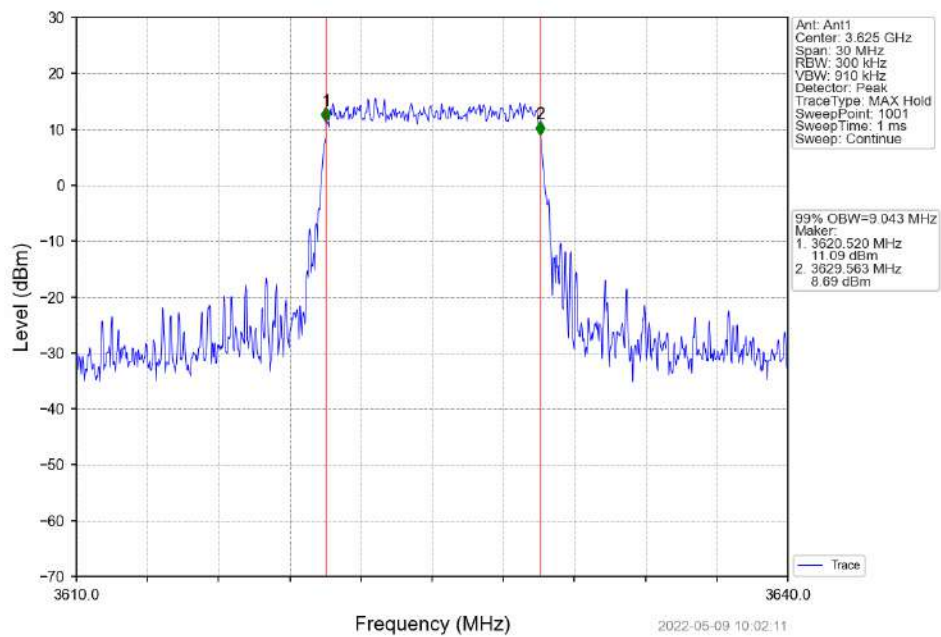
Band48 5MHz 16QAM HCH 3697.5MHz RB 25 0 NTNV



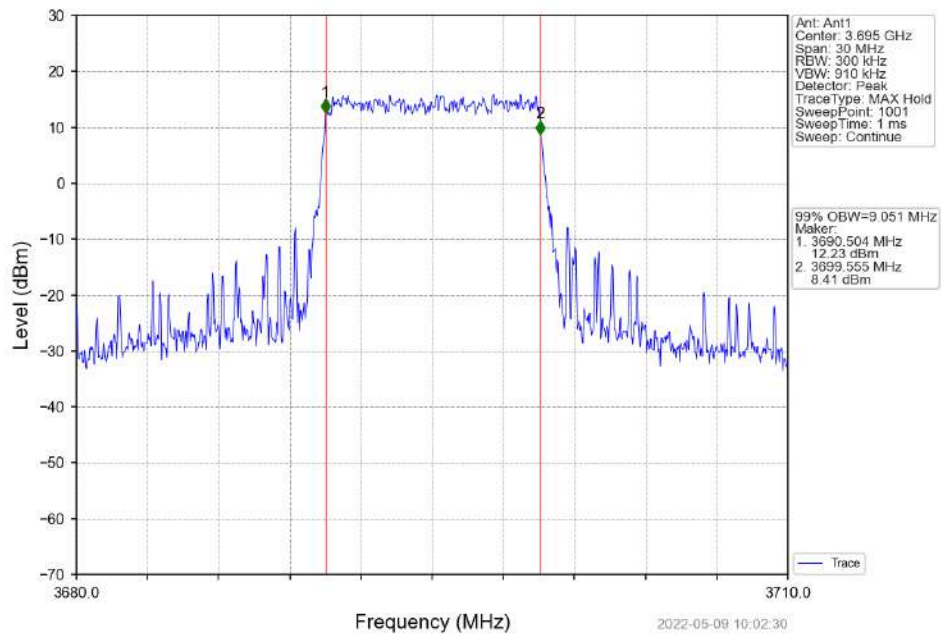
Band48 10MHz QPSK LCH 3555MHz RB 50 0 NTNV



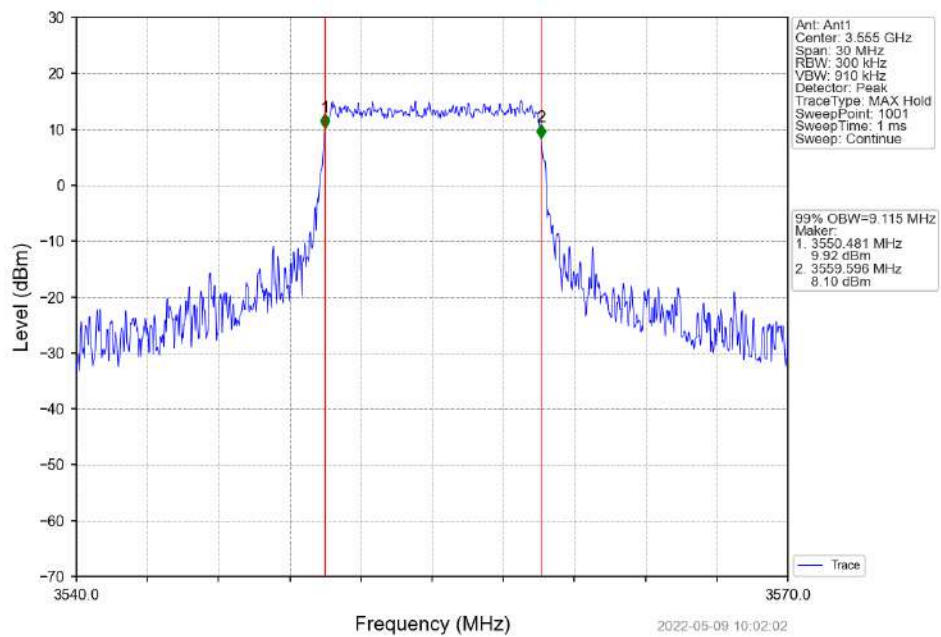
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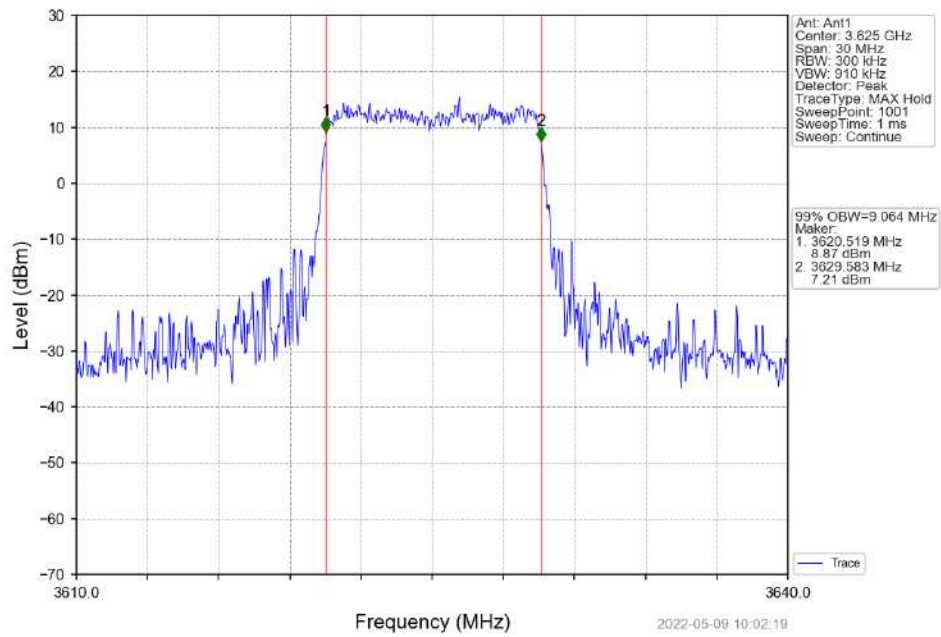
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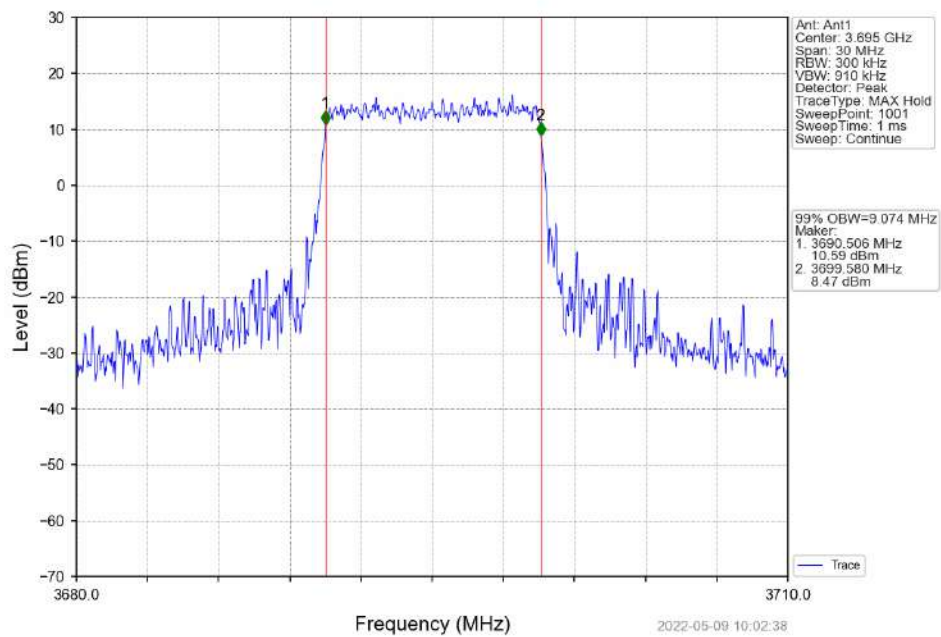
Band48 10MHz 16QAM LCH 3555MHz RB 50 0 NTNV



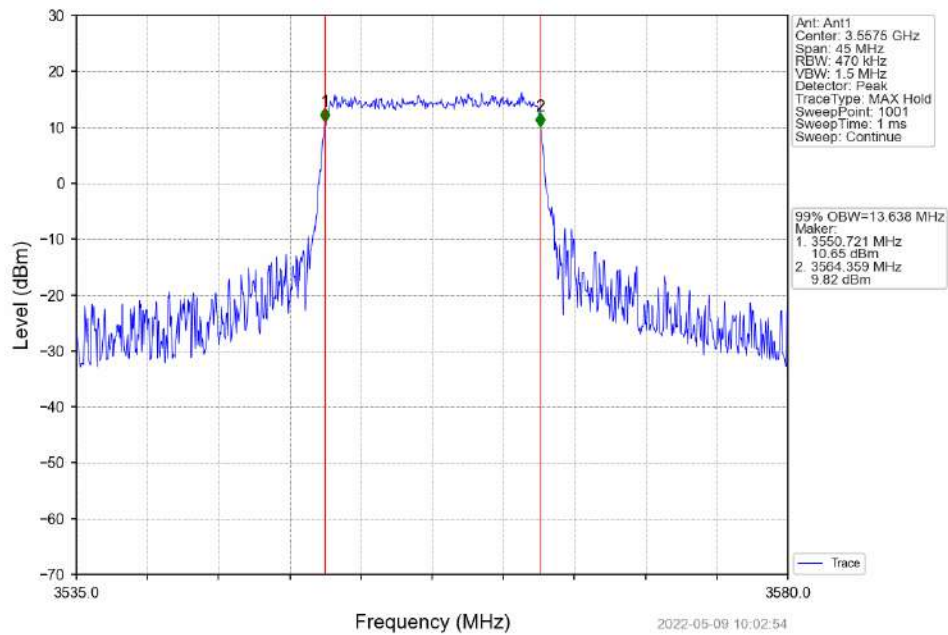
Band48 10MHz 16QAM MCH 3625MHz RB 50 0 NTNV



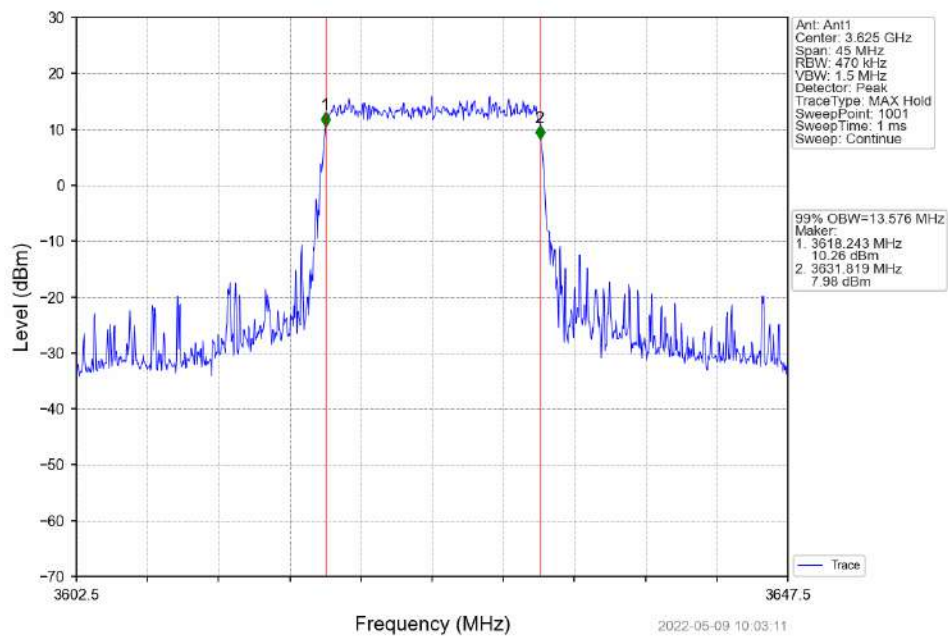
Band48 10MHz 16QAM HCH 3695MHz RB 50 0 NTNV



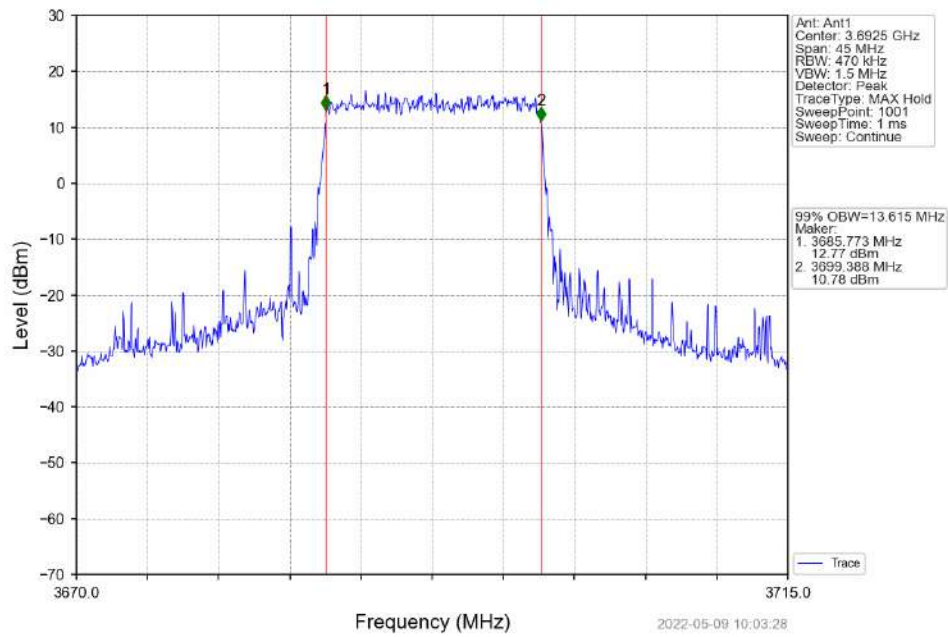
Band48 15MHz QPSK LCH 3557.5MHz RB 75 0 NTNV



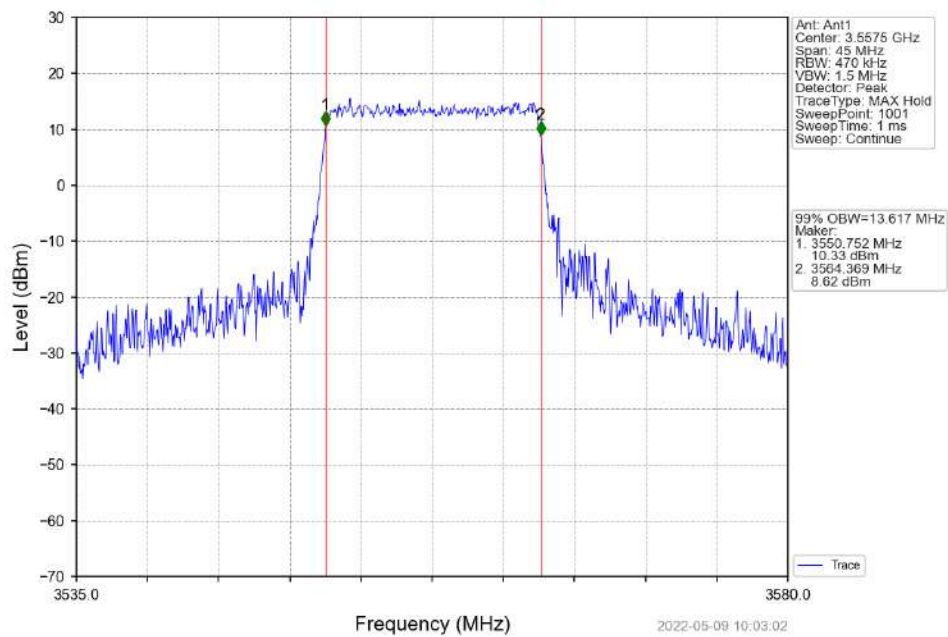
Band48 15MHz QPSK MCH 3625MHz RB 75 0 NTNV



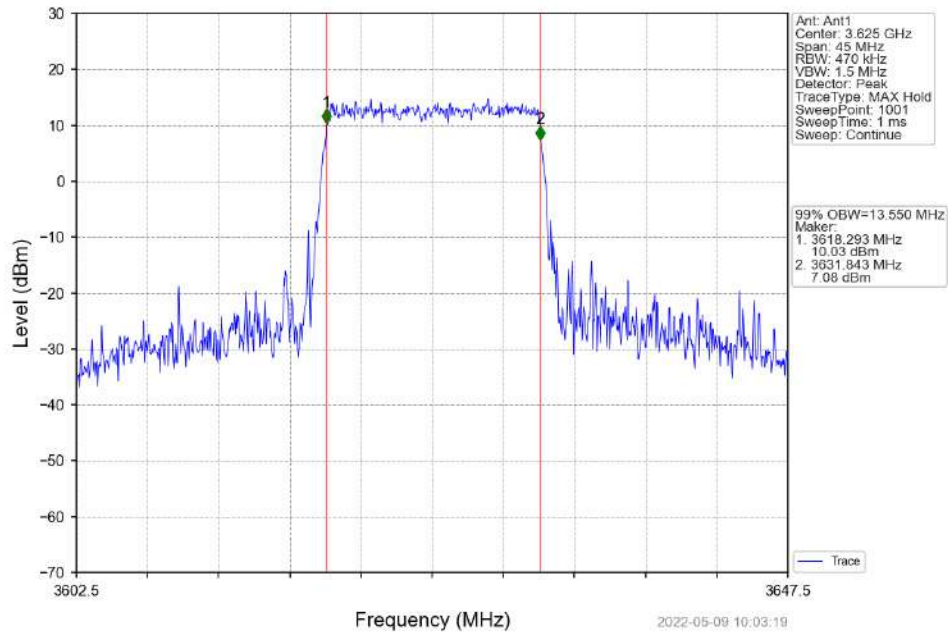
Band48 15MHz QPSK HCH 3692.5MHz RB 75 0 NTNV



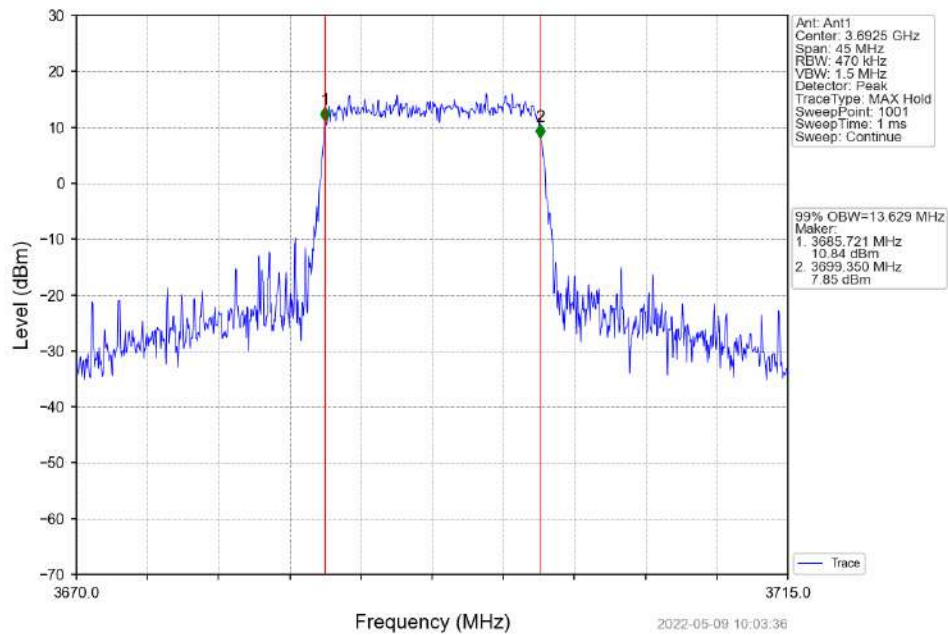
Band48 15MHz 16QAM LCH 3557.5MHz RB 75 0 NTNV



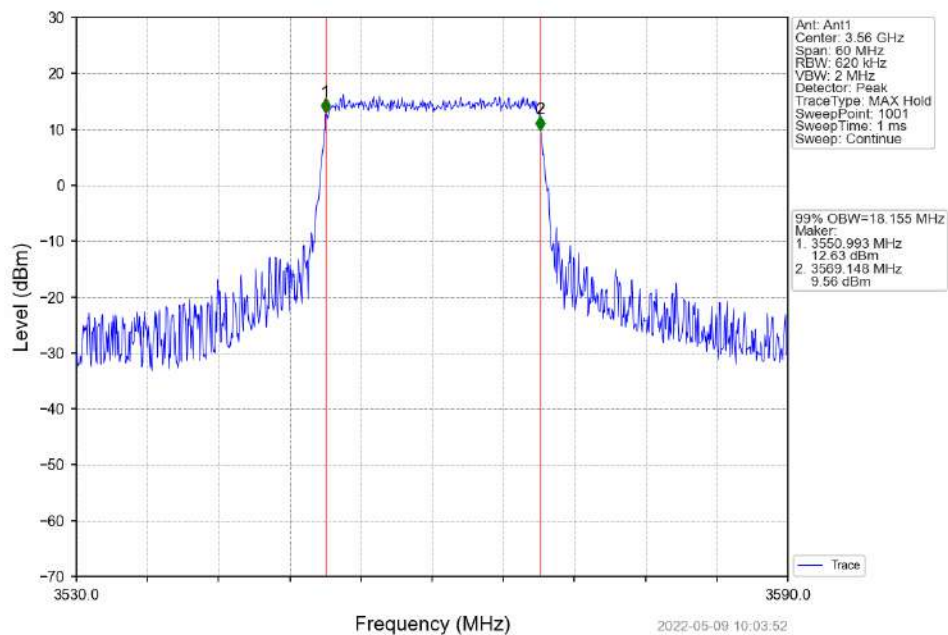
Band48 15MHz 16QAM MCH 3625MHz RB 75 0 NTNV



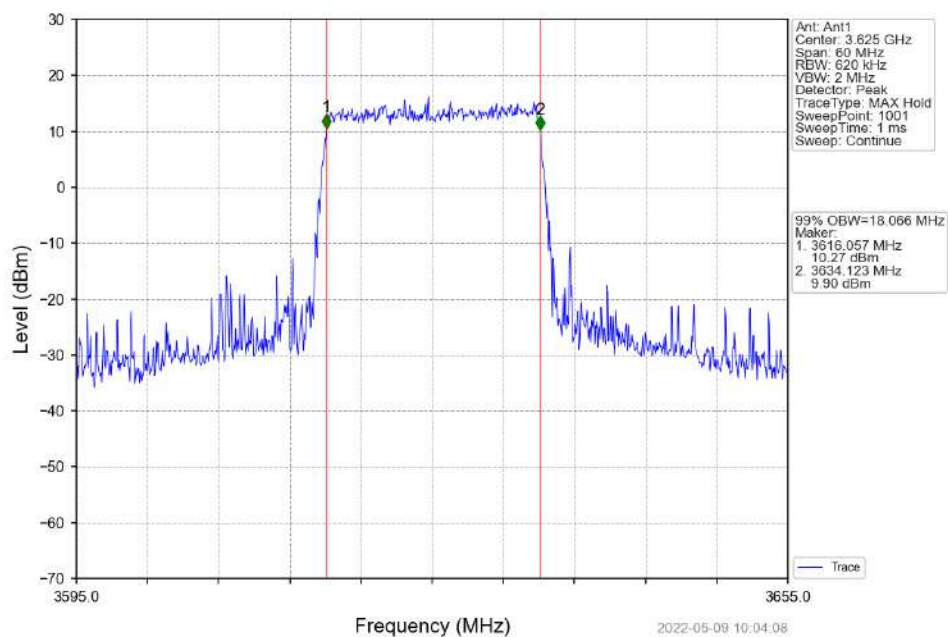
Band48 15MHz 16QAM HCH 3692.5MHz RB 75 0 NTNV



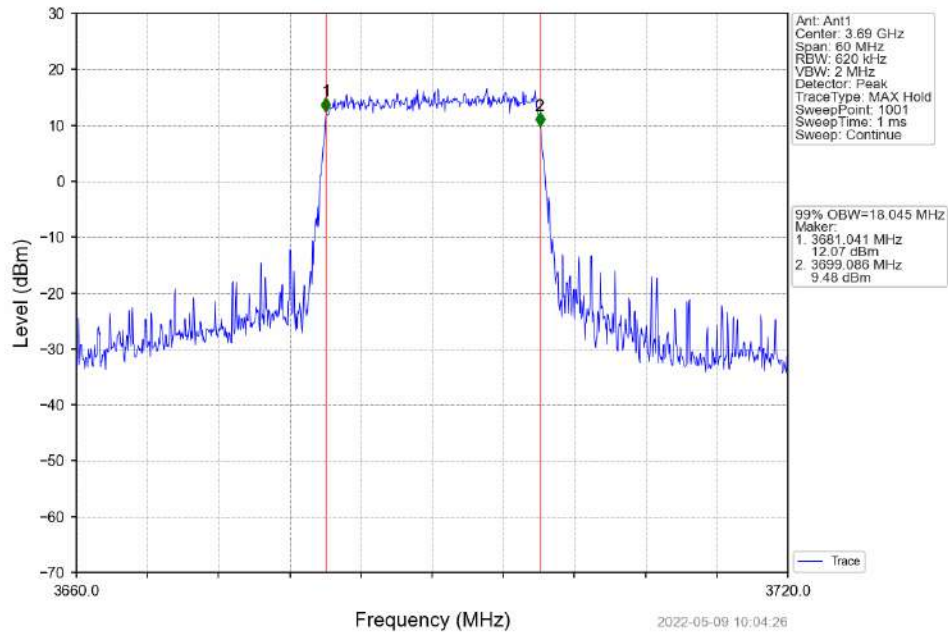
Band48 20MHz QPSK LCH 3560MHz RB 100 0 NTNV



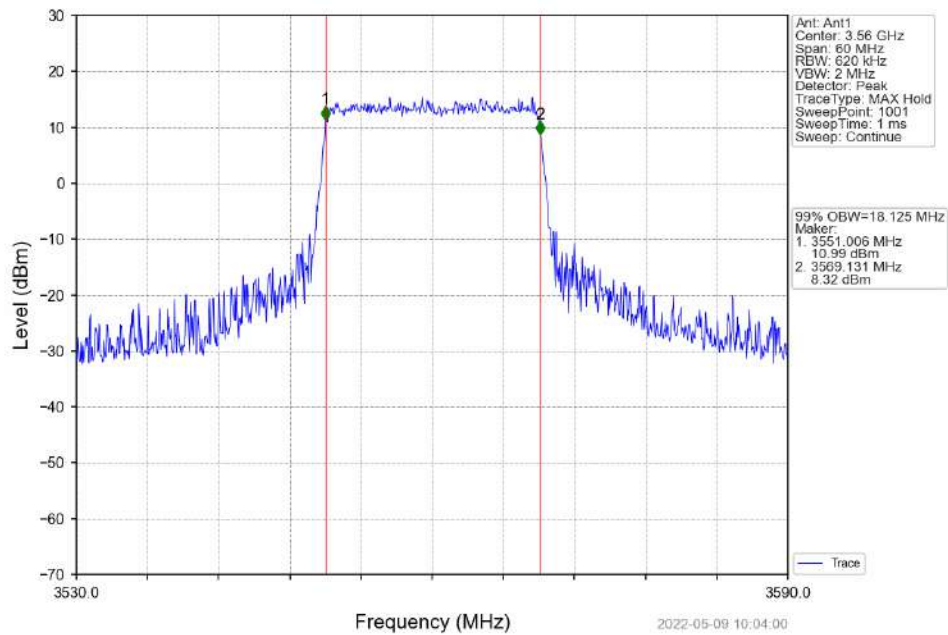
Band48 20MHz QPSK MCH 3625MHz RB 100 0 NTNV



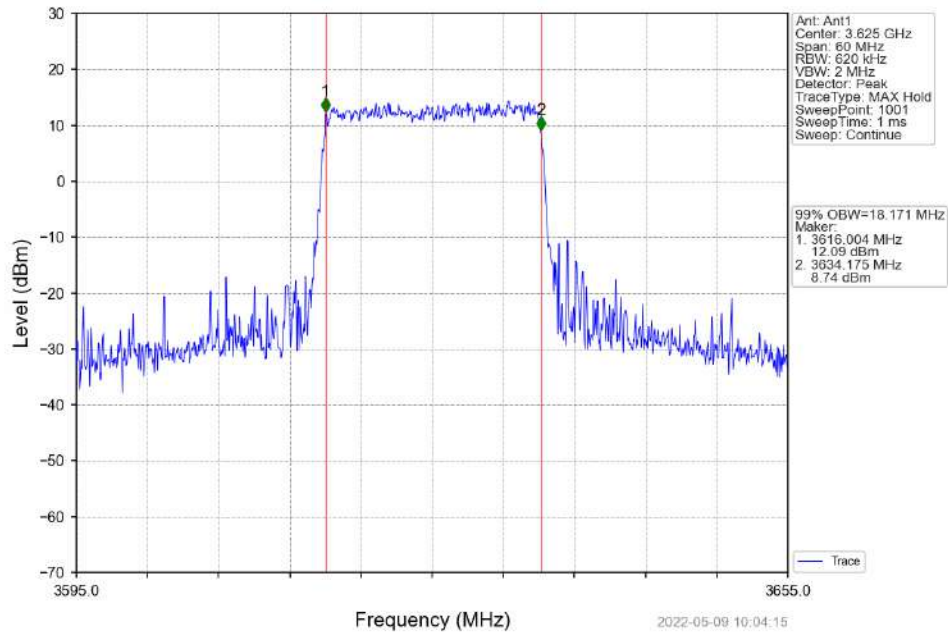
Band48 20MHz QPSK HCH 3690MHz RB 100 0 NTN



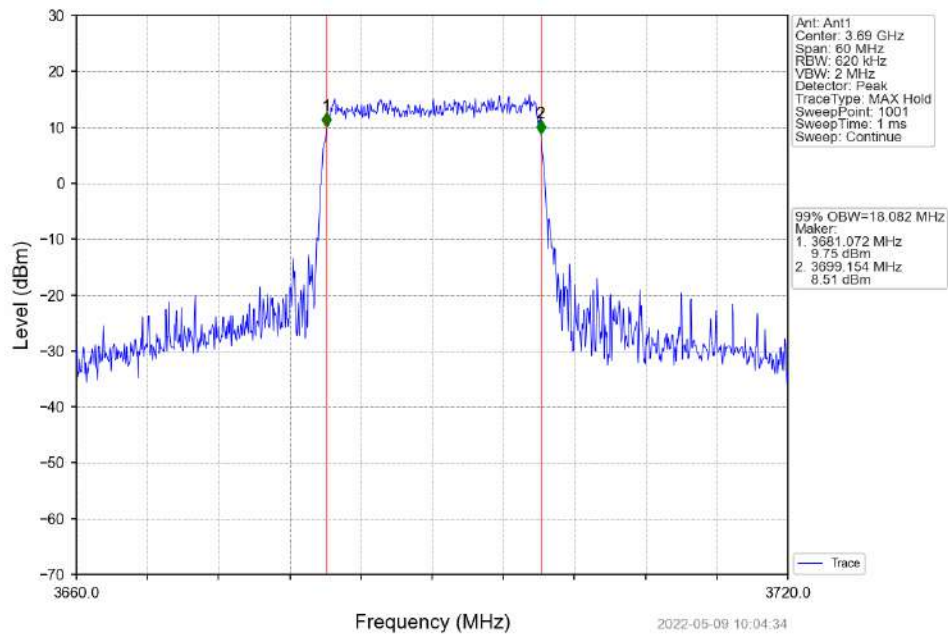
Band48 20MHz 16QAM LCH 3560MHz RB 100 0 NTN



Band48 20MHz 16QAM MCH 3625MHz RB 100 0 NTNV



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

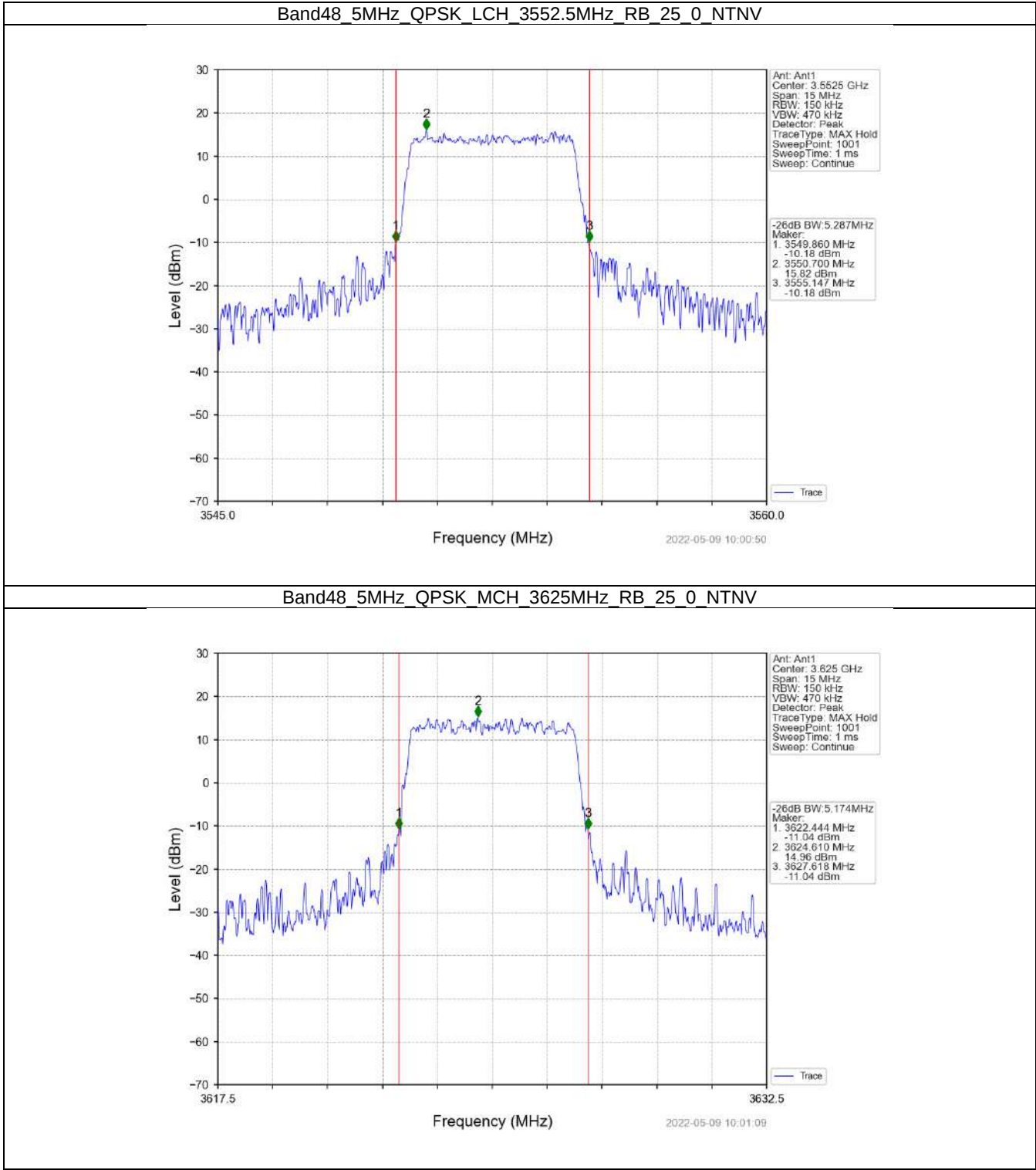


4.2 Band48_XDB

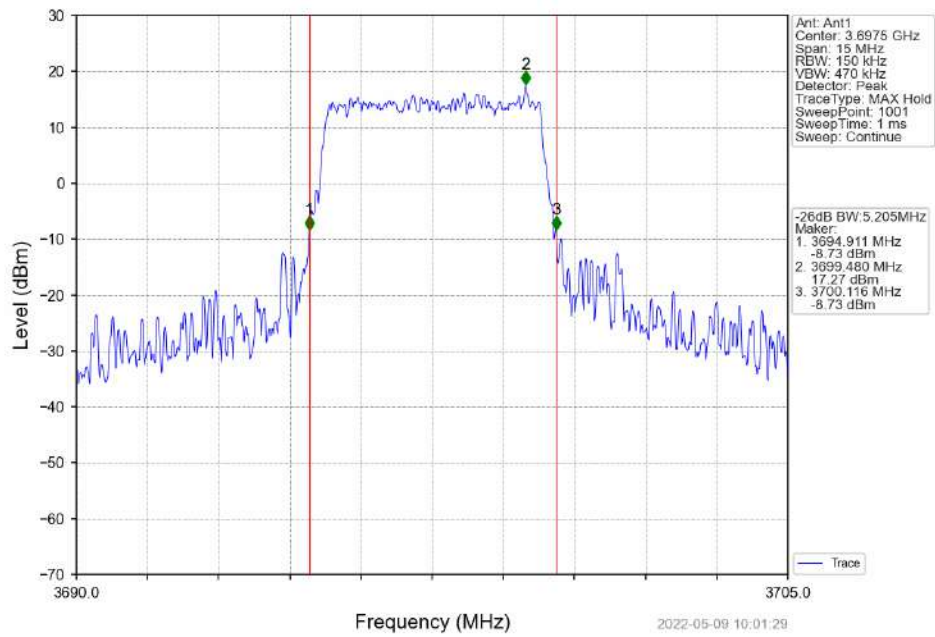
4.2.1 Test Result

report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked
report_checked	report_checked	report_checked	report_checked	report_checked	26dB Bandwidth (MHz)	report_checked
report_checked	report_checked	report_checked	Size	Offset	Result	report_checked
report_checked	report_checked	3552.5	25	0	5.287	Pass
report_checked	report_checked	3625	25	0	5.174	Pass
report_checked	report_checked	3697.5	25	0	5.205	Pass
report_checked	report_checked	3552.5	25	0	5.707	Pass
report_checked	report_checked	3625	25	0	5.421	Pass
report_checked	report_checked	3697.5	25	0	5.194	Pass
report_checked	report_checked	3555	50	0	10.257	Pass
report_checked	report_checked	3625	50	0	10.632	Pass
report_checked	report_checked	3695	50	0	11.570	Pass
report_checked	report_checked	3555	50	0	12.065	Pass
report_checked	report_checked	3625	50	0	10.827	Pass
report_checked	report_checked	3695	50	0	10.556	Pass
report_checked	report_checked	3557.5	75	0	16.696	Pass
report_checked	report_checked	3625	75	0	14.878	Pass
report_checked	report_checked	3692.5	75	0	16.584	Pass
report_checked	report_checked	3557.5	75	0	17.382	Pass
report_checked	report_checked	3625	75	0	15.512	Pass
report_checked	report_checked	3692.5	75	0	16.249	Pass
report_checked	report_checked	3560	100	0	20.761	Pass
report_checked	report_checked	3625	100	0	19.814	Pass
report_checked	report_checked	3690	100	0	19.834	Pass
report_checked	report_checked	3560	100	0	21.447	Pass
report_checked	report_checked	3625	100	0	21.440	Pass
report_checked	report_checked	3690	100	0	19.782	Pass

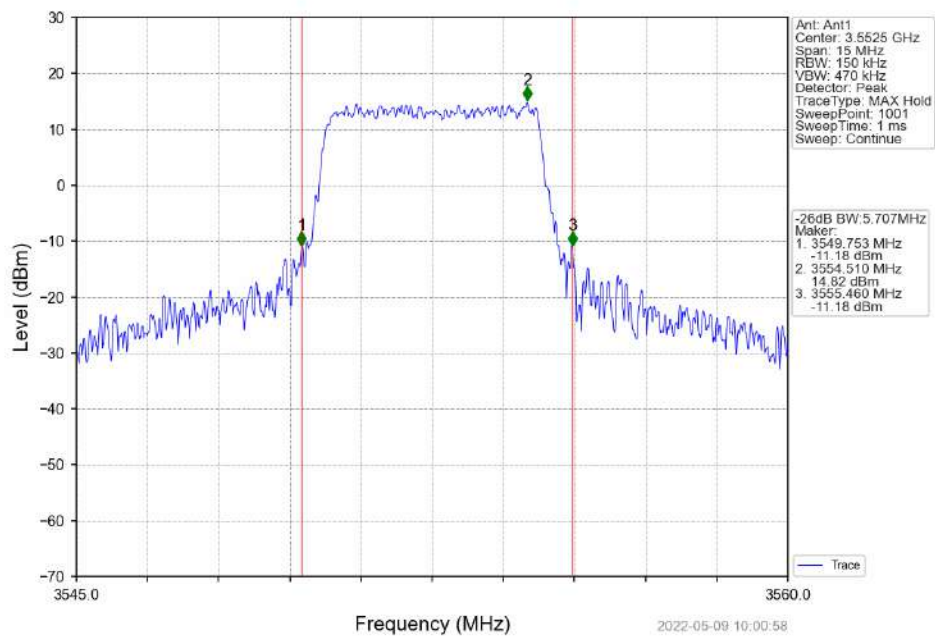
4.2.2 Test Graph



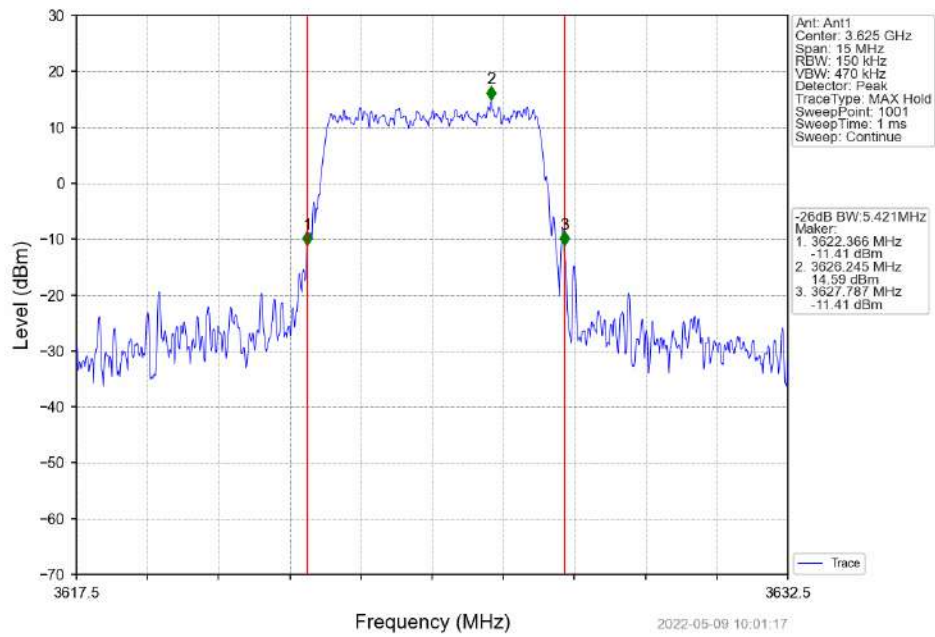
Band48 5MHz QPSK HCH 3697.5MHz RB 25 0 NTNV



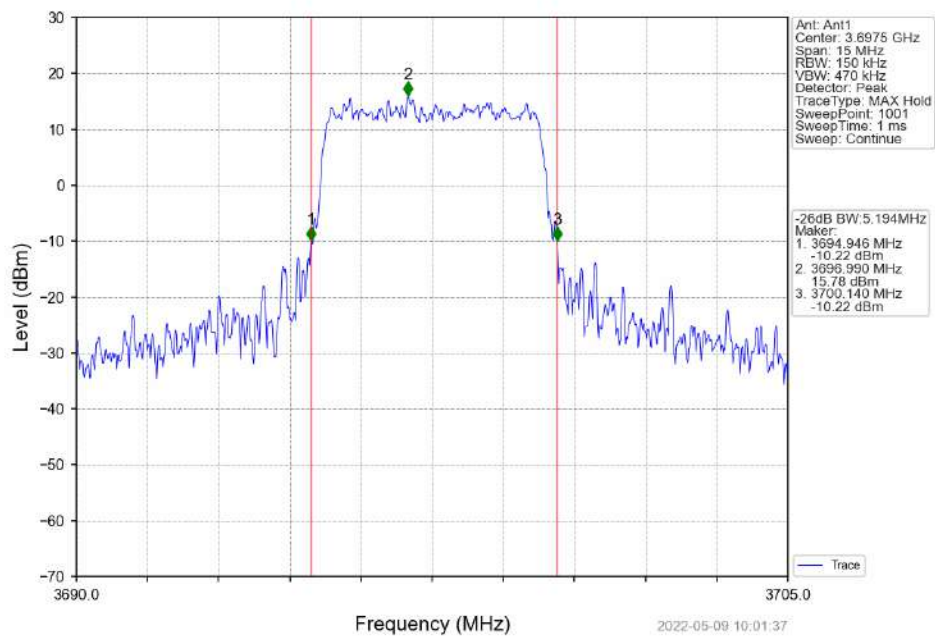
Band48 5MHz 16QAM LCH 3552.5MHz RB 25 0 NTNV



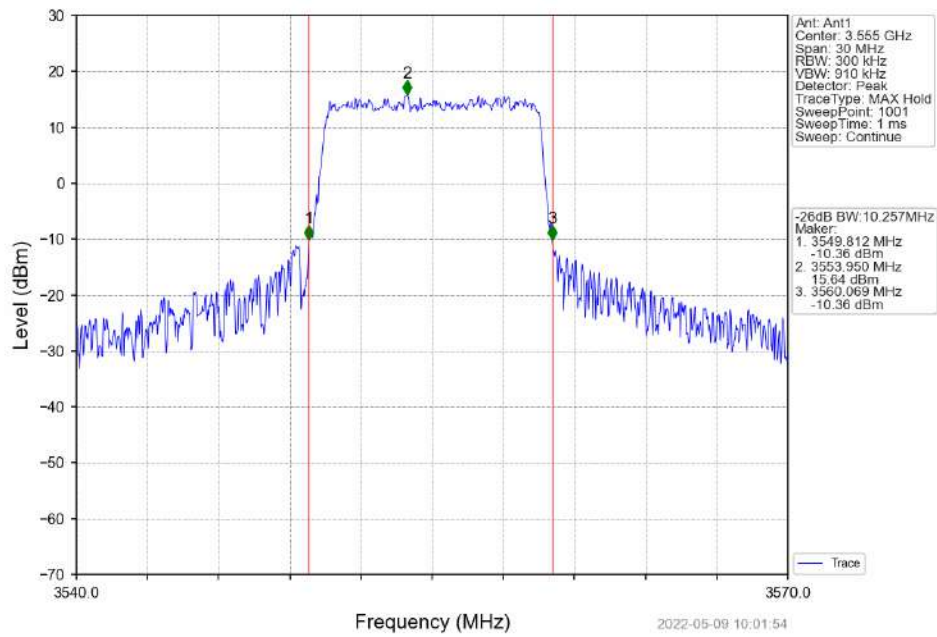
Band48 5MHz 16QAM MCH 3625MHz RB 25 0 NTNV



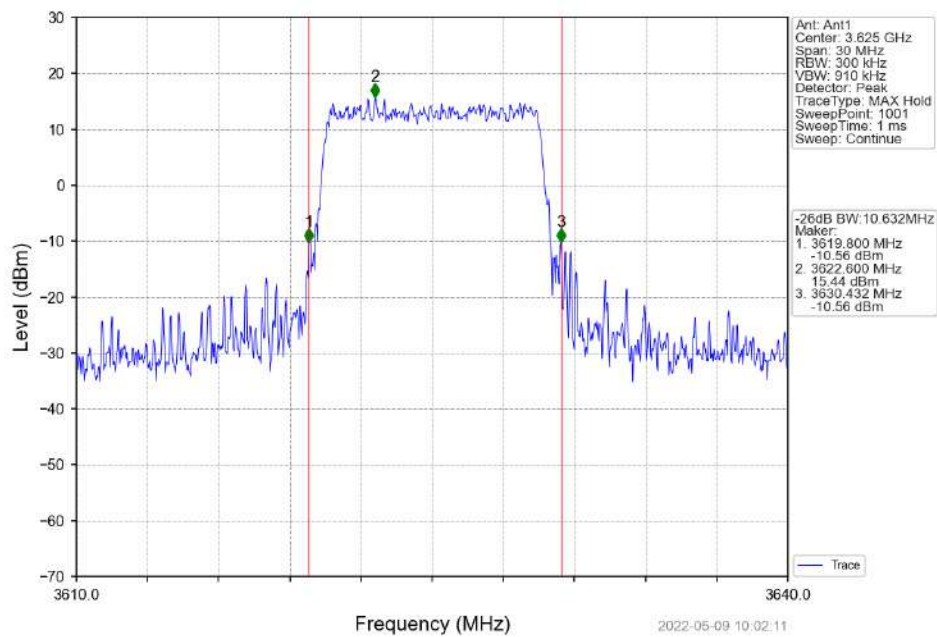
Band48 5MHz 16QAM HCH 3697.5MHz RB 25 0 NTNV



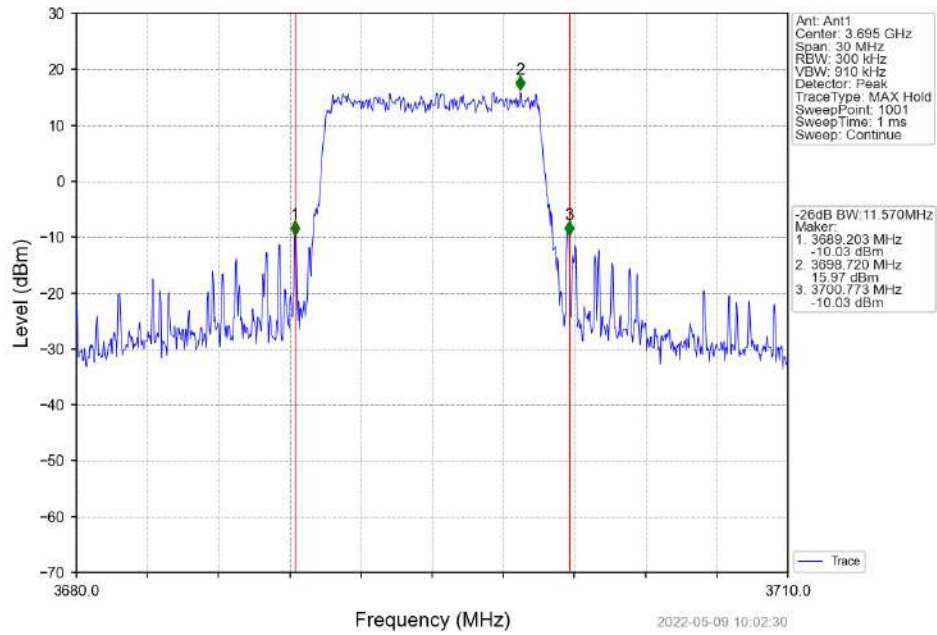
Band48 10MHz QPSK LCH 3555MHz RB 50 0 NTN



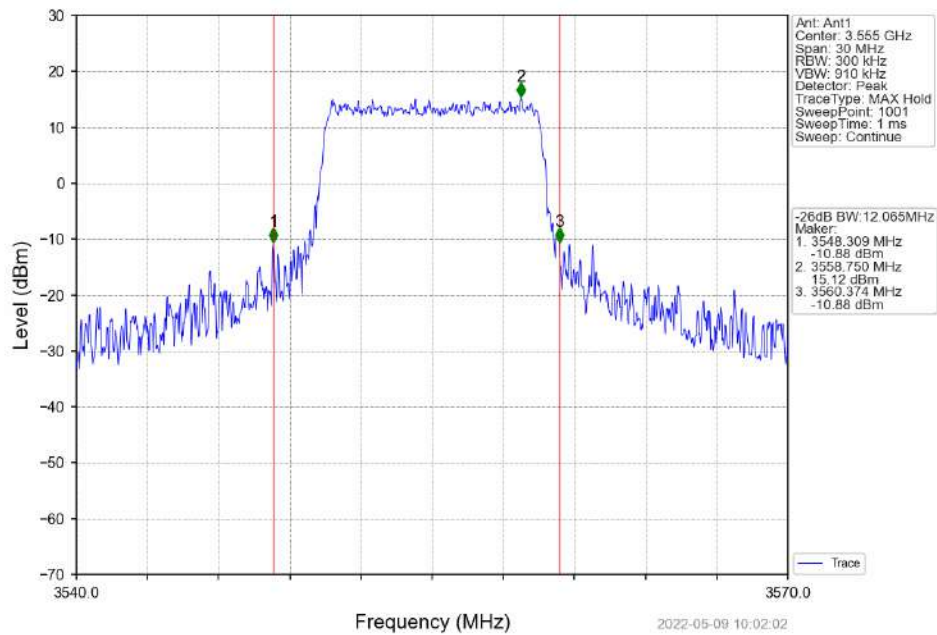
Band48 10MHz QPSK MCH 3625MHz RB 50 0 NTN



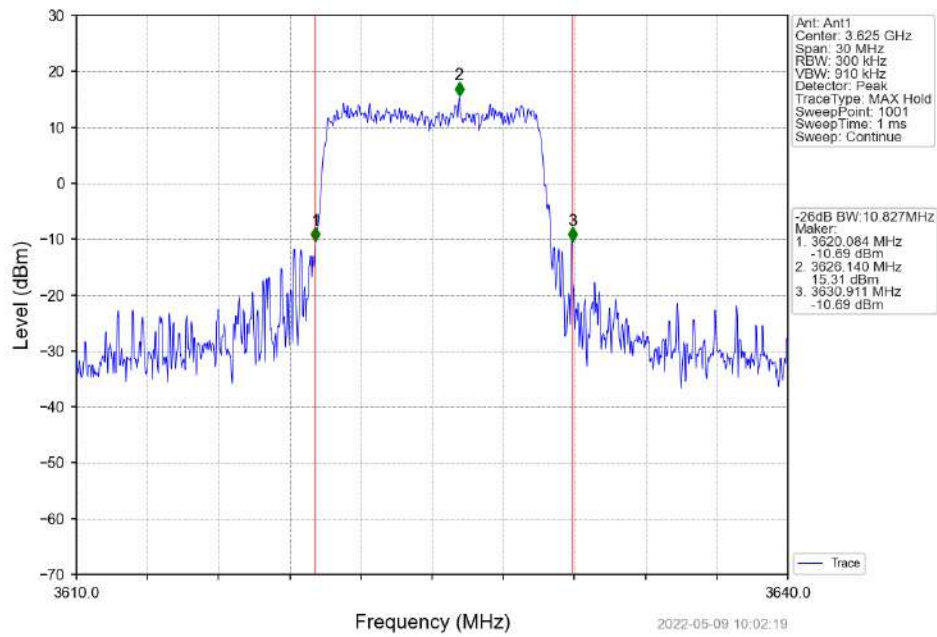
Band48 10MHz QPSK HCH 3695MHz RB 50 0 NTNV



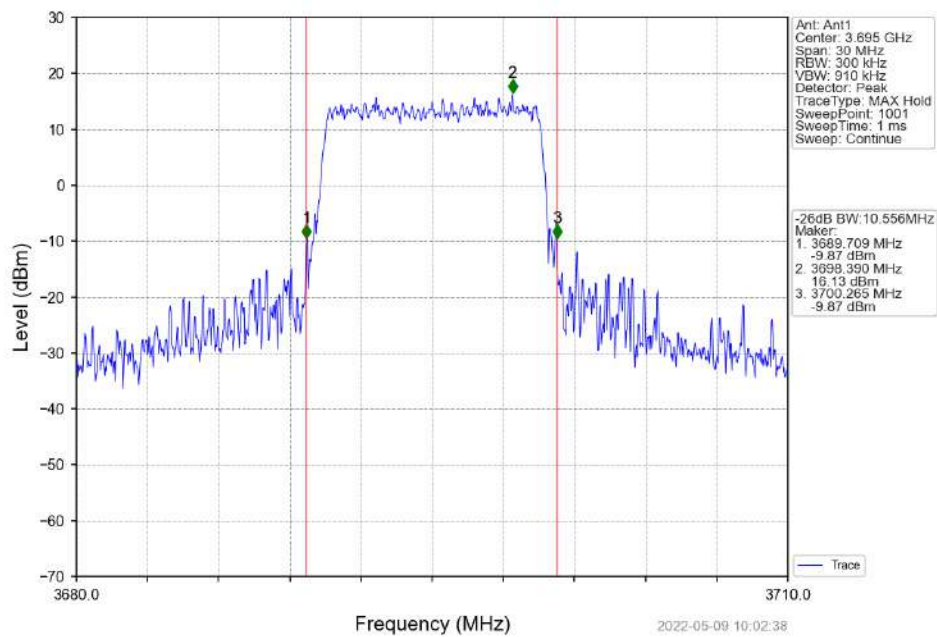
Band48 10MHz 16QAM LCH 3555MHz RB 50 0 NTNV



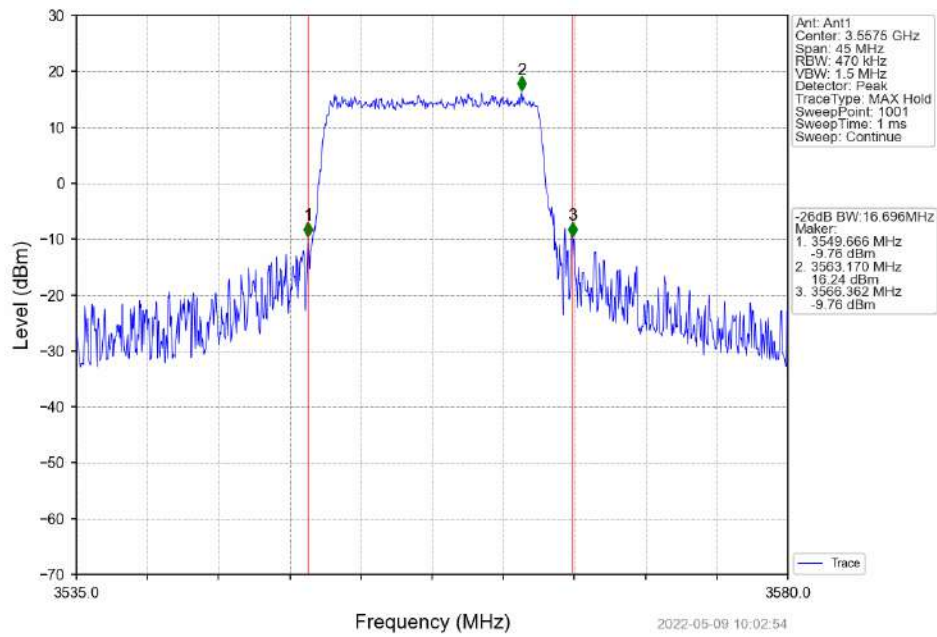
Band48 10MHz 16QAM MCH 3625MHz RB 50 0 NTNV



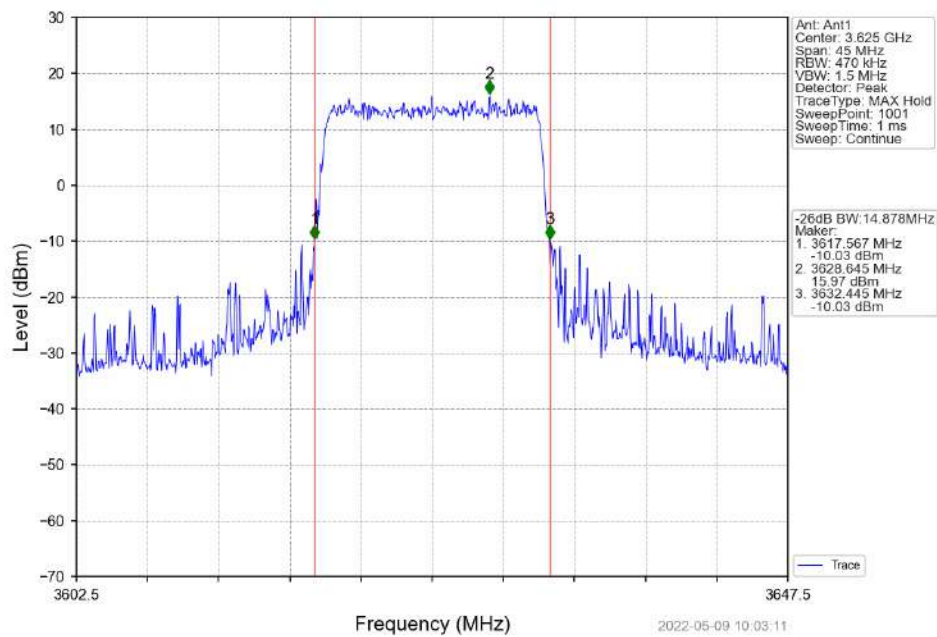
Band48 10MHz 16QAM HCH 3695MHz RB 50 0 NTNV



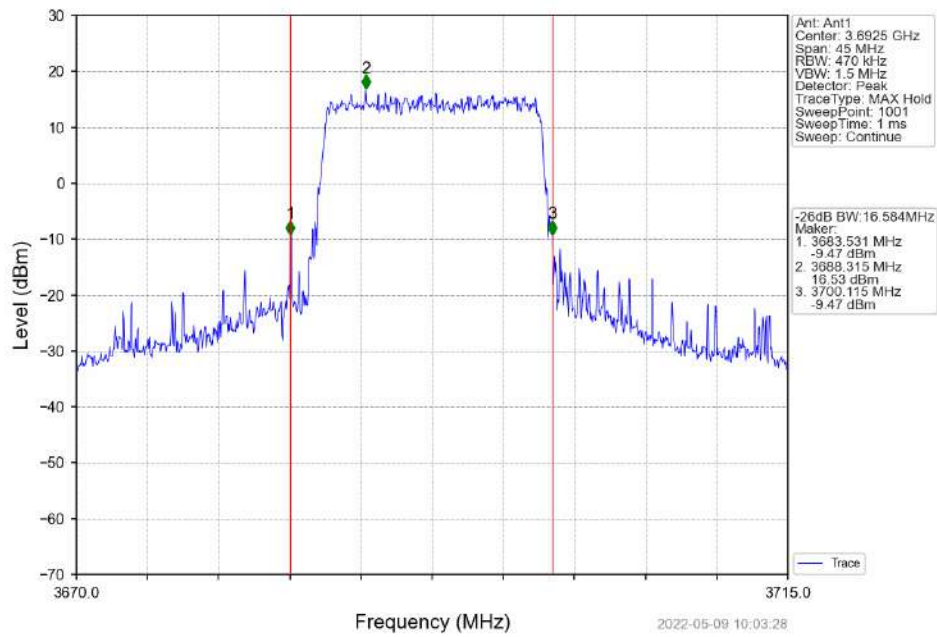
Band48 15MHz QPSK LCH 3557.5MHz RB 75 0 NTNV



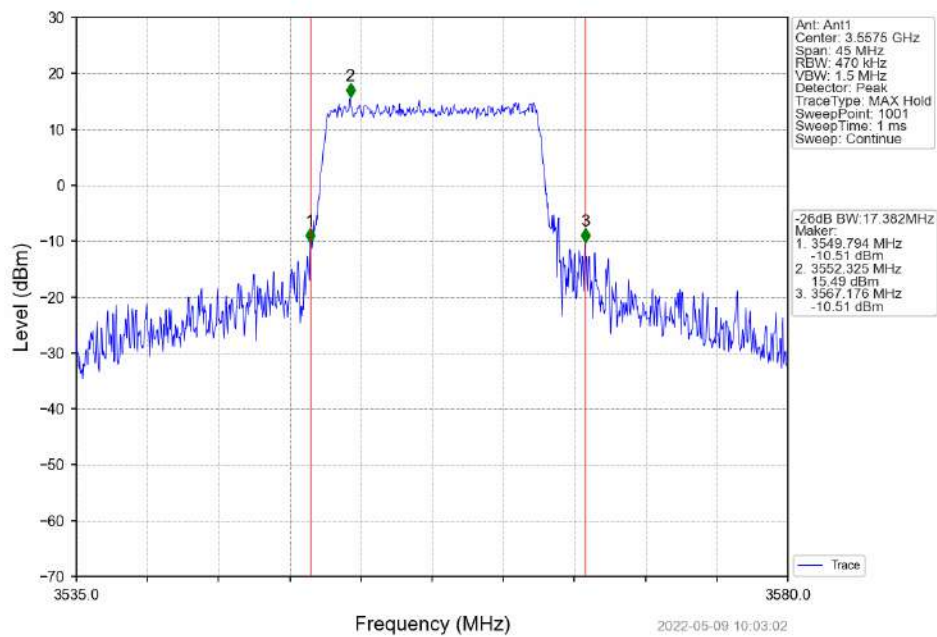
Band48 15MHz QPSK MCH 3625MHz RB 75 0 NTNV



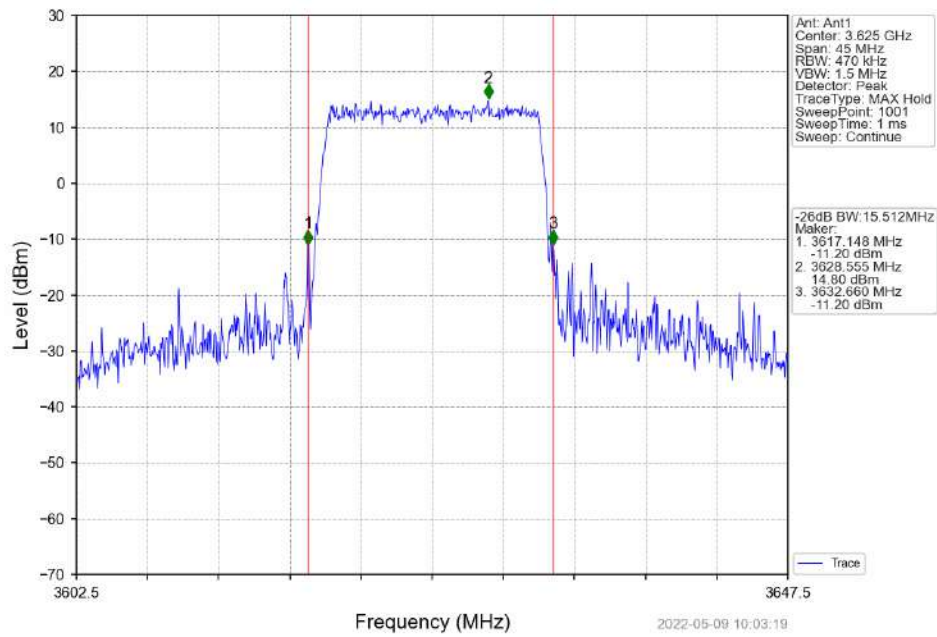
Band48 15MHz QPSK HCH 3692.5MHz RB 75 0 NTN



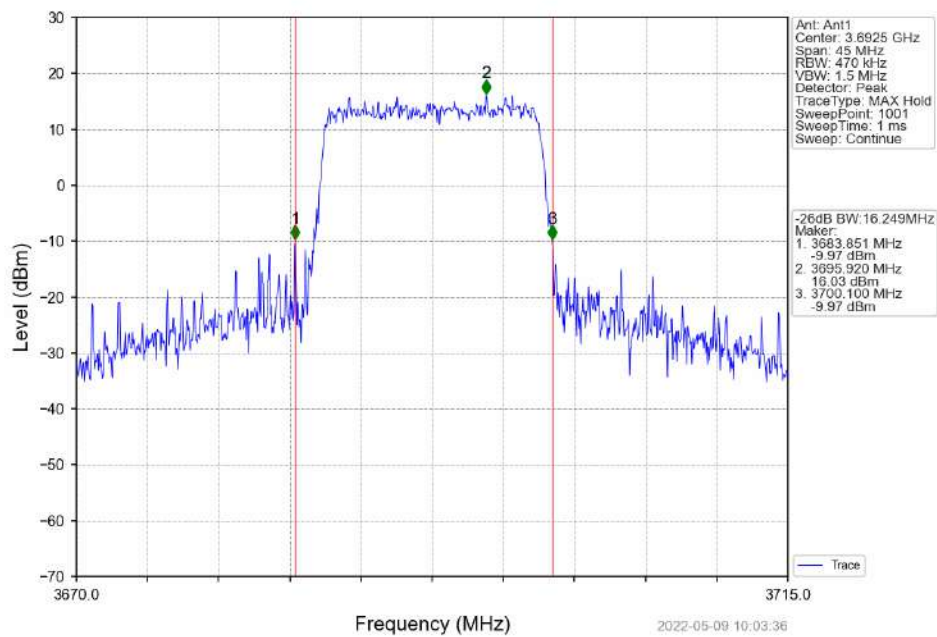
Band48 15MHz 16QAM LCH 3557.5MHz RB 75 0 NTN



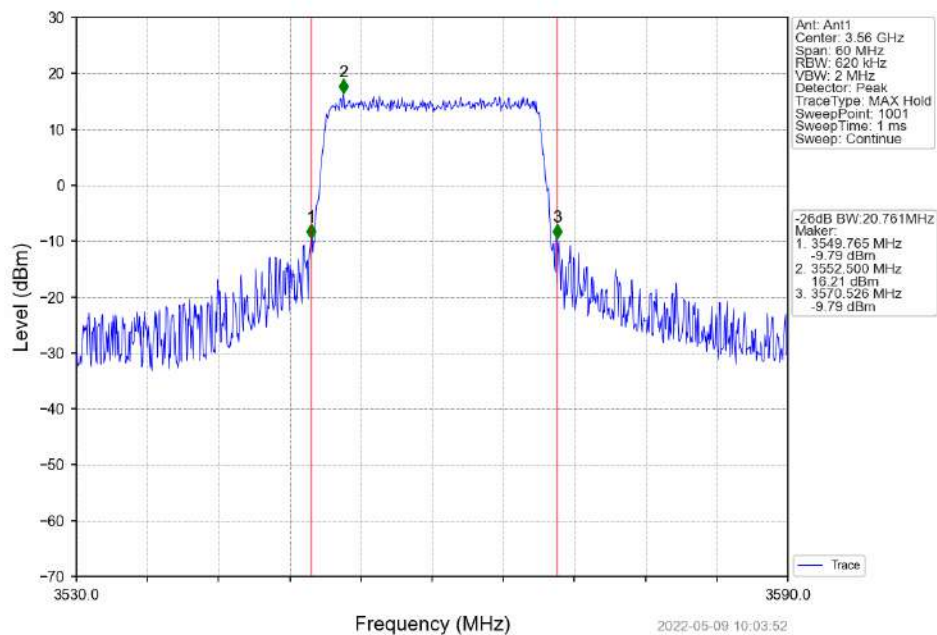
Band48 15MHz 16QAM MCH 3625MHz RB 75 0 NTNV



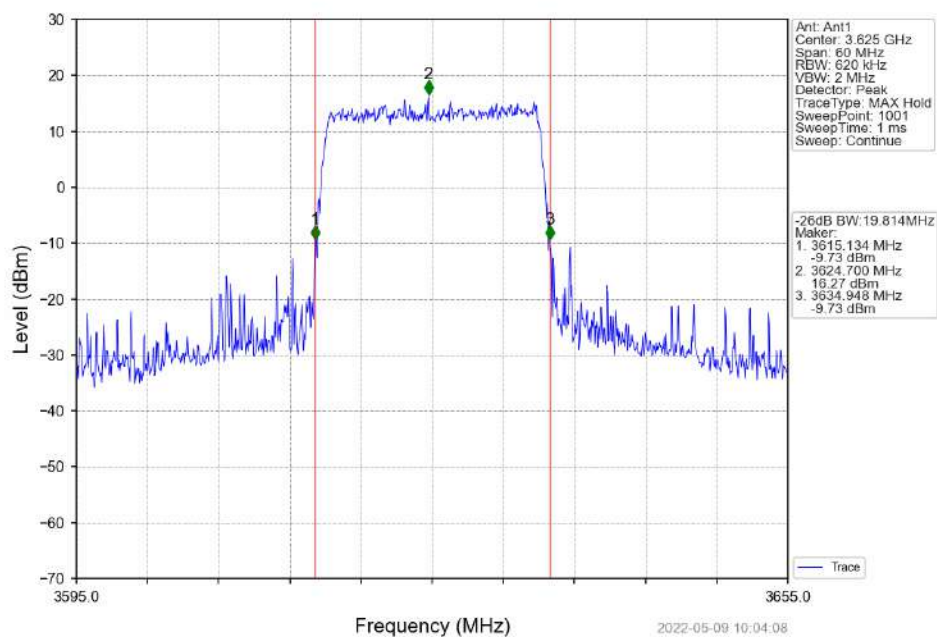
Band48 15MHz 16QAM HCH 3692.5MHz RB 75 0 NTNV



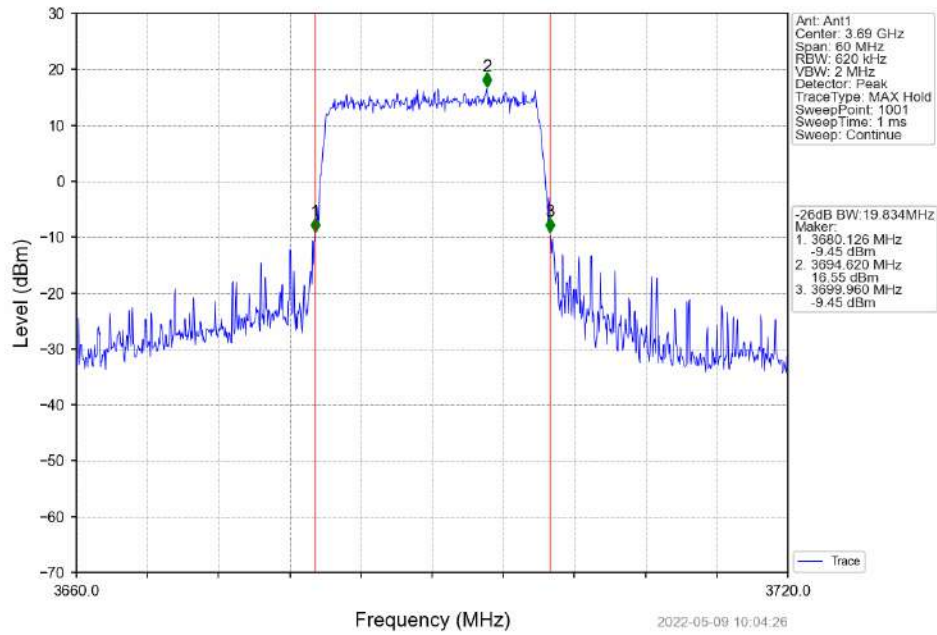
Band48 20MHz QPSK LCH 3560MHz RB 100 0 NTNV



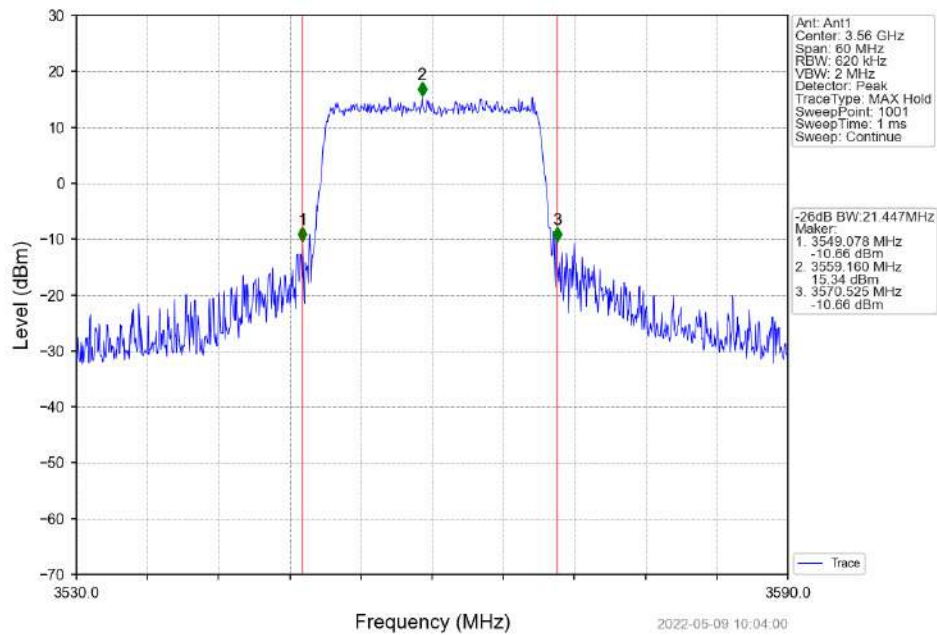
Band48 20MHz QPSK MCH 3625MHz RB 100 0 NTNV



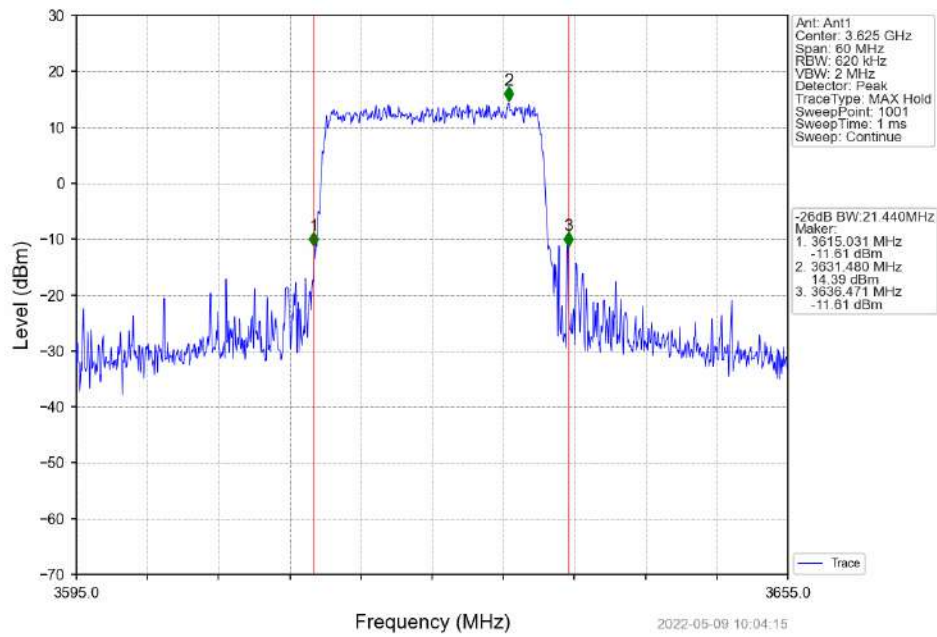
Band48 20MHz QPSK HCH 3690MHz RB 100 0 NTN



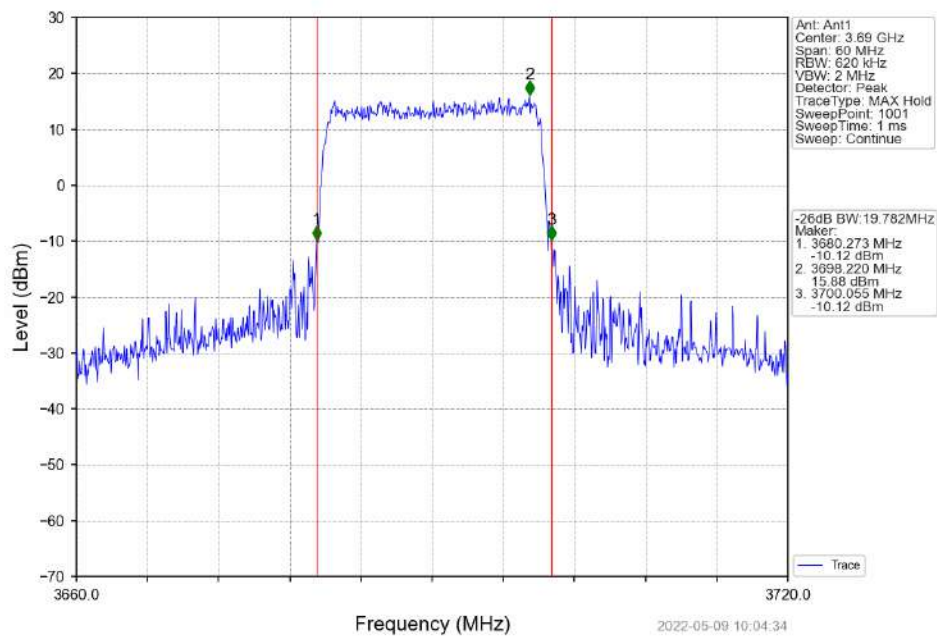
Band48 20MHz 16QAM LCH 3560MHz RB 100 0 NTN



Band48 20MHz 16QAM MCH 3625MHz RB 100 0 NTN



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



5G NR N48

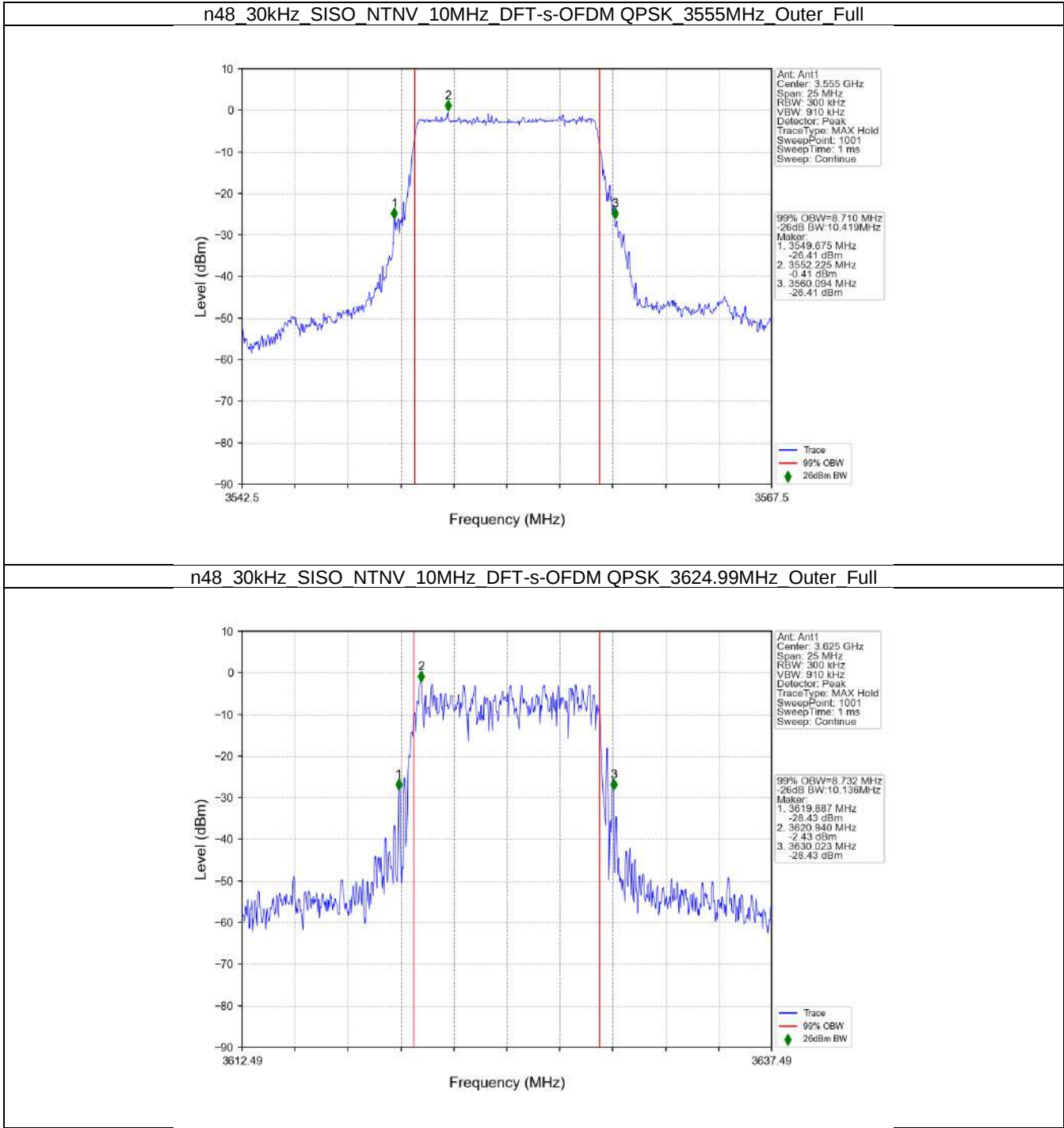
1. 99% & 26dB Bandwidth

1.1 30k_SISO_10MHz_NTNV

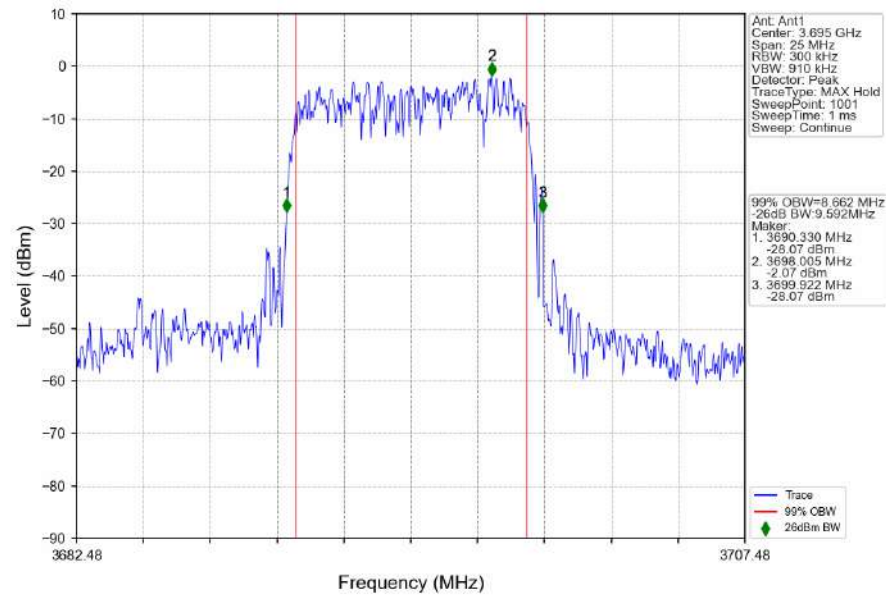
1.1.1 Test Result

5G NR n48 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3555	Outer_Full	8.71	10.42	/	Pass
	3624.99	Outer_Full	8.73	10.14	/	Pass
	3694.98	Outer_Full	8.66	9.59	/	Pass
DFT-s-OFDM 16 QAM	3555	Outer_Full	8.74	9.97	/	Pass
	3624.99	Outer_Full	8.64	9.67	/	Pass
	3694.98	Outer_Full	8.73	9.74	/	Pass
DFT-s-OFDM 64 QAM	3555	Outer_Full	8.72	10.20	/	Pass
	3624.99	Outer_Full	8.57	9.67	/	Pass
	3694.98	Outer_Full	8.64	9.26	/	Pass
DFT-s-OFDM 256 QAM	3555	Outer_Full	8.71	10.12	/	Pass
	3624.99	Outer_Full	8.59	9.39	/	Pass
	3694.98	Outer_Full	8.66	9.43	/	Pass
CP-OFDM QPSK	3555	Outer_Full	8.74	10.24	/	Pass
	3624.99	Outer_Full	8.72	9.88	/	Pass
	3694.98	Outer_Full	8.58	9.88	/	Pass
CP-OFDM 16 QAM	3555	Outer_Full	8.71	10.08	/	Pass
	3624.99	Outer_Full	8.68	9.34	/	Pass
	3694.98	Outer_Full	8.70	9.46	/	Pass
CP-OFDM 64 QAM	3555	Outer_Full	8.72	10.02	/	Pass
	3624.99	Outer_Full	8.69	9.88	/	Pass
	3694.98	Outer_Full	8.69	9.25	/	Pass
CP-OFDM 256 QAM	3555	Outer_Full	8.70	10.25	/	Pass
	3624.99	Outer_Full	8.60	10.01	/	Pass
	3694.98	Outer_Full	8.65	9.90	/	Pass

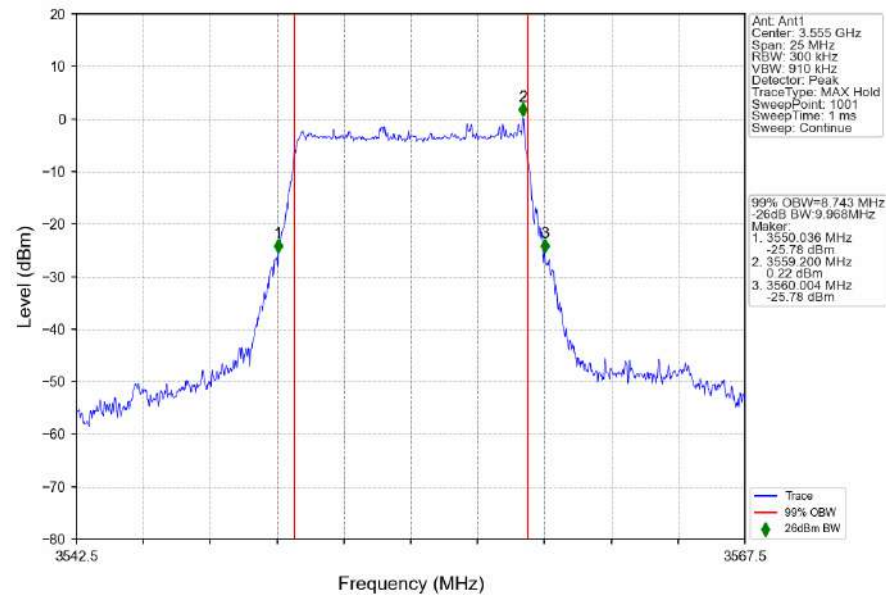
1.1.2 Test Graph



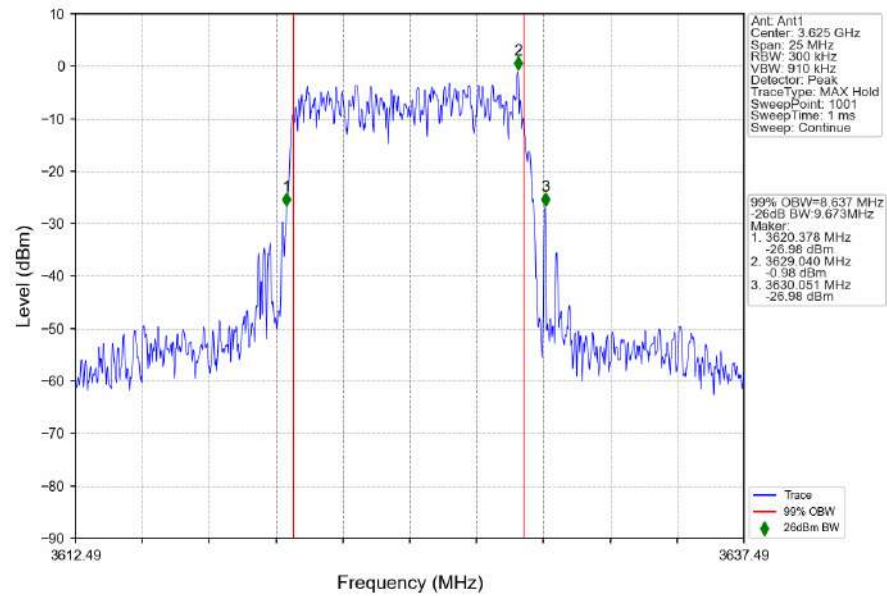
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3694.98MHz_Outer_Full



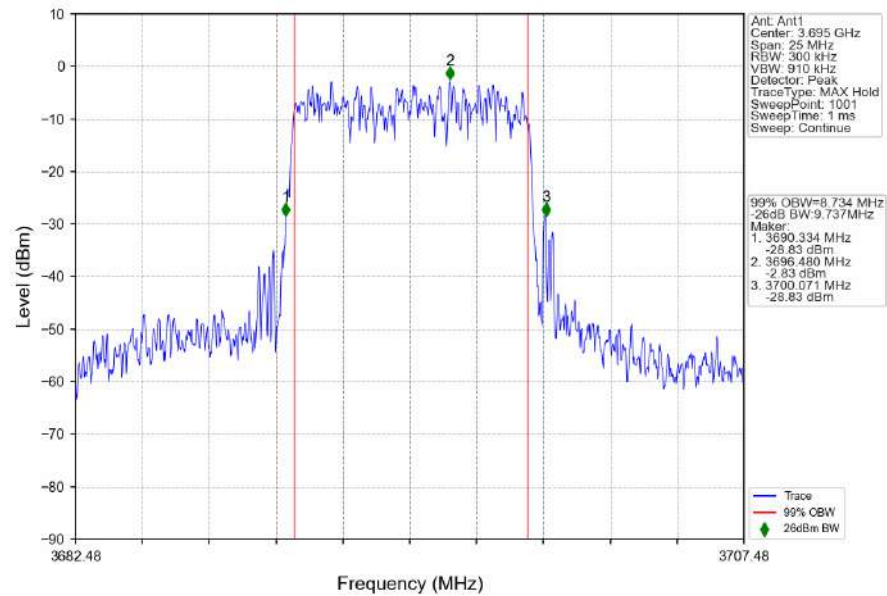
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3555MHz_Outer_Full



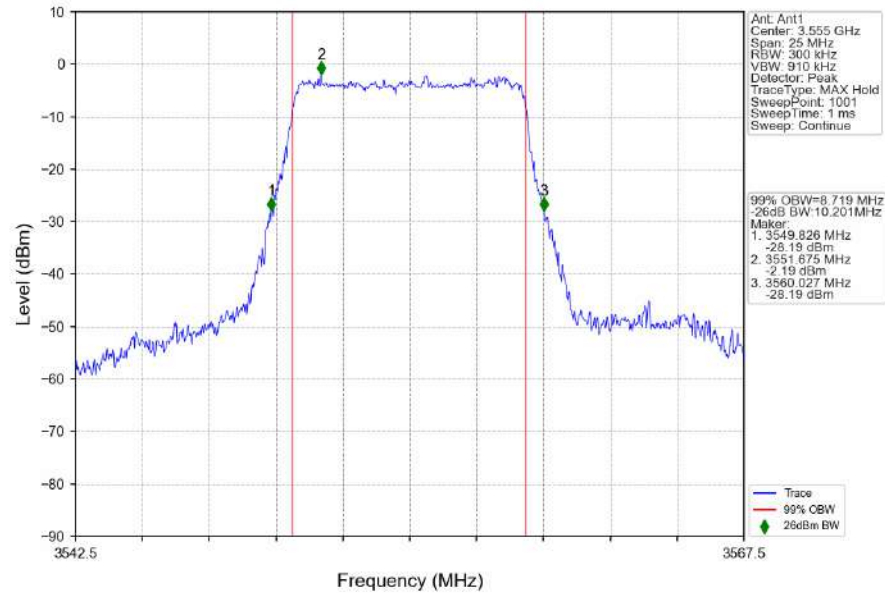
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full



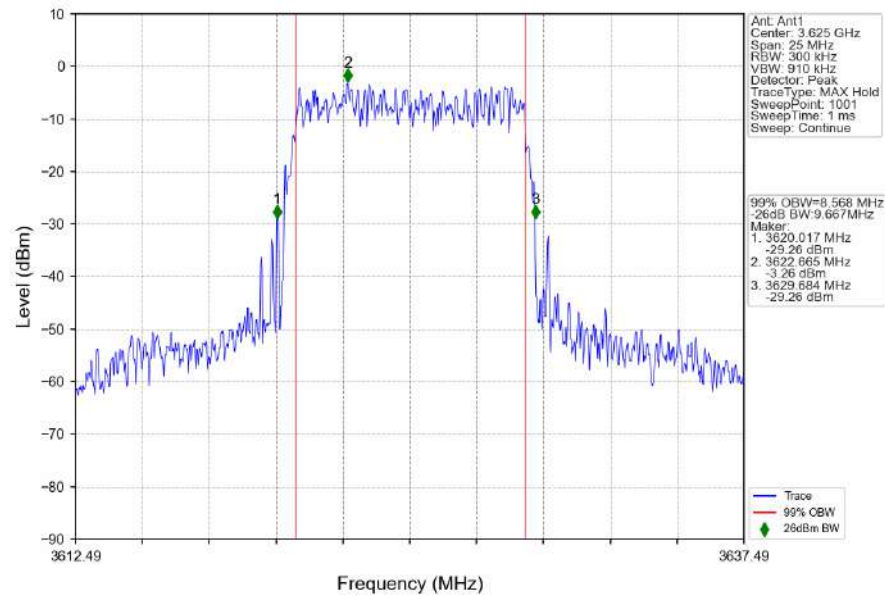
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3694.98MHz_Outer_Full



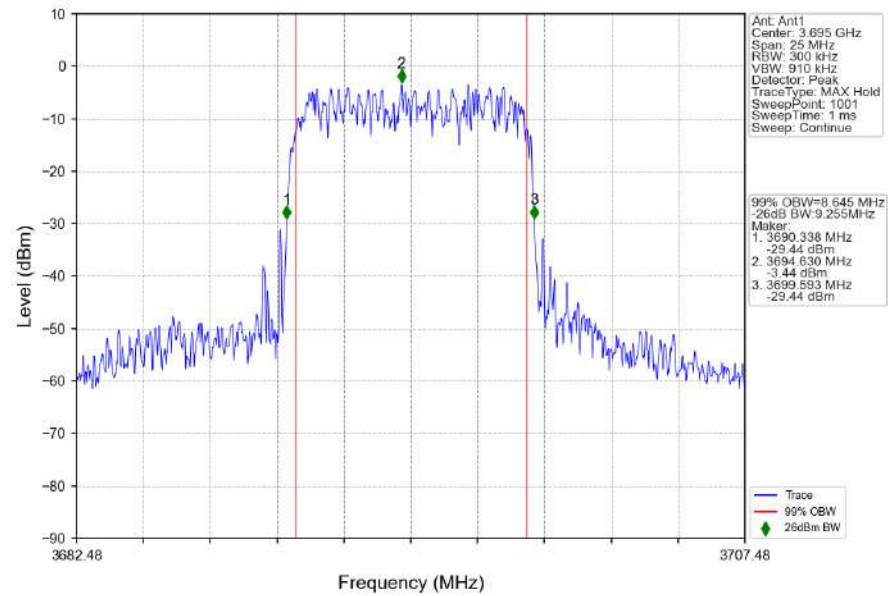
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3555MHz_Outer_Full



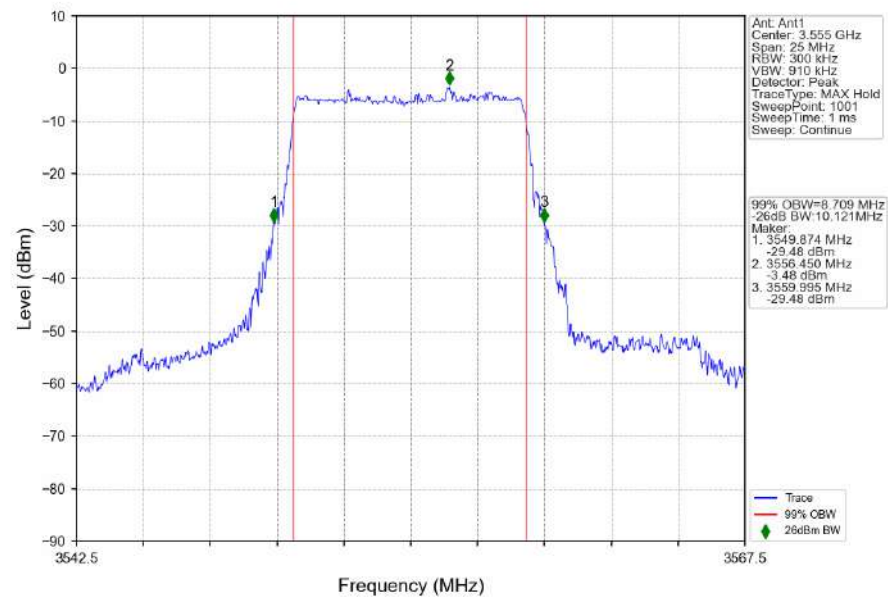
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full



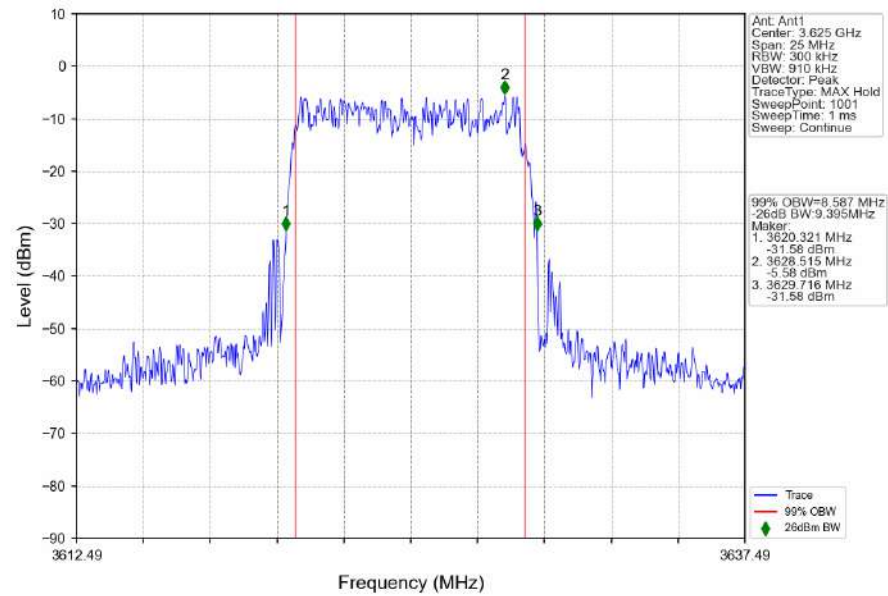
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3694.98MHz_Outer_Full



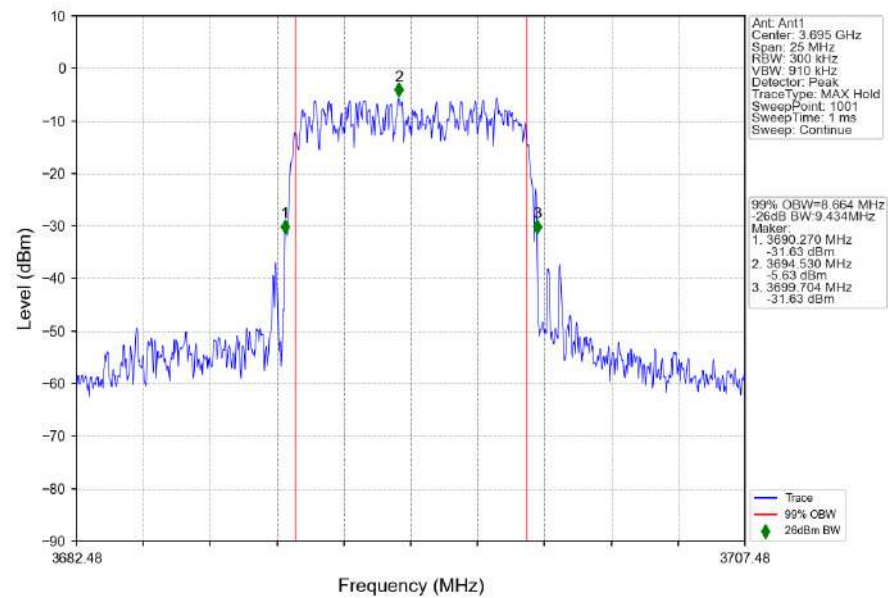
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_3555MHz_Outer_Full



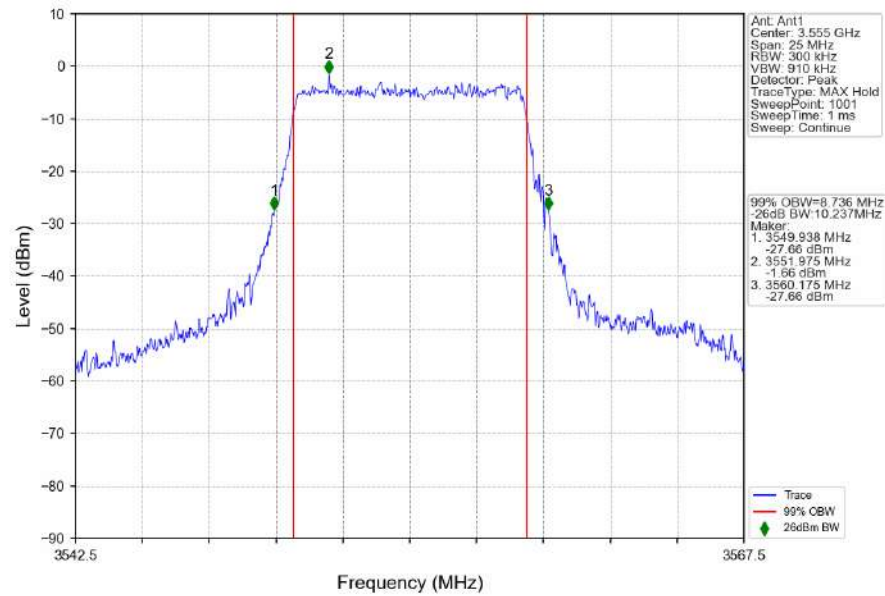
n48 30kHz SISO NTVN 10MHz DFT-s-OFDM 256 QAM 3624.99MHz Outer Full



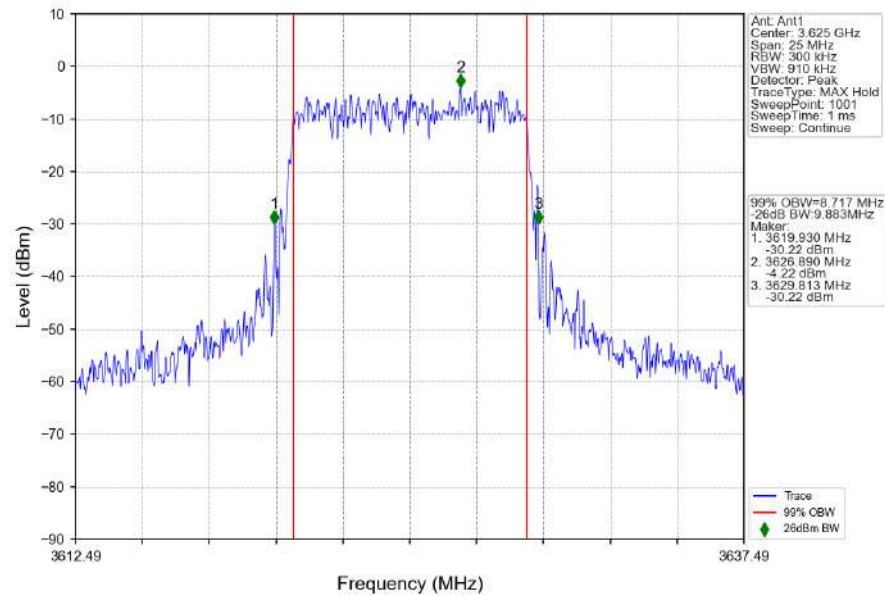
n48 30kHz SISO NTVN 10MHz DFT-s-OFDM 256 QAM 3694.98MHz Outer Full



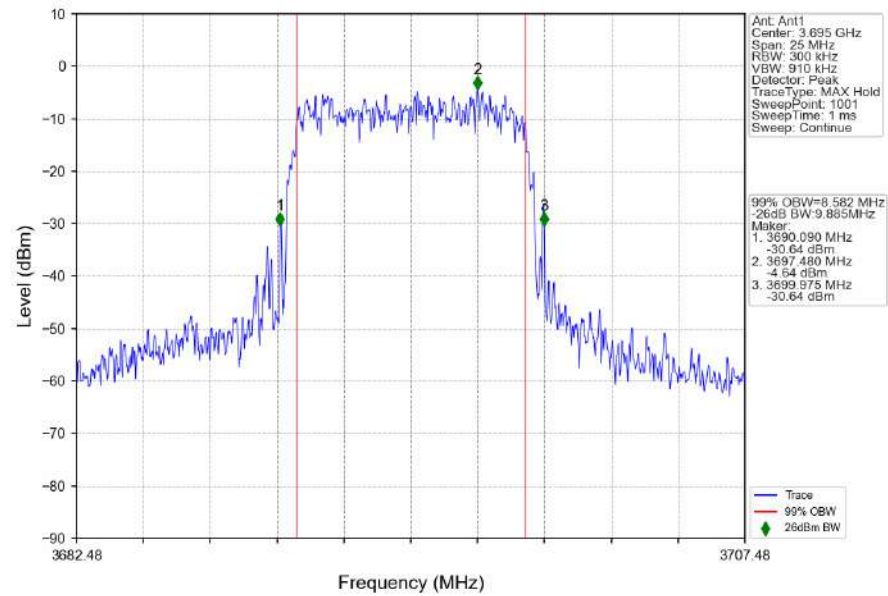
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3555MHz_Outer_Full



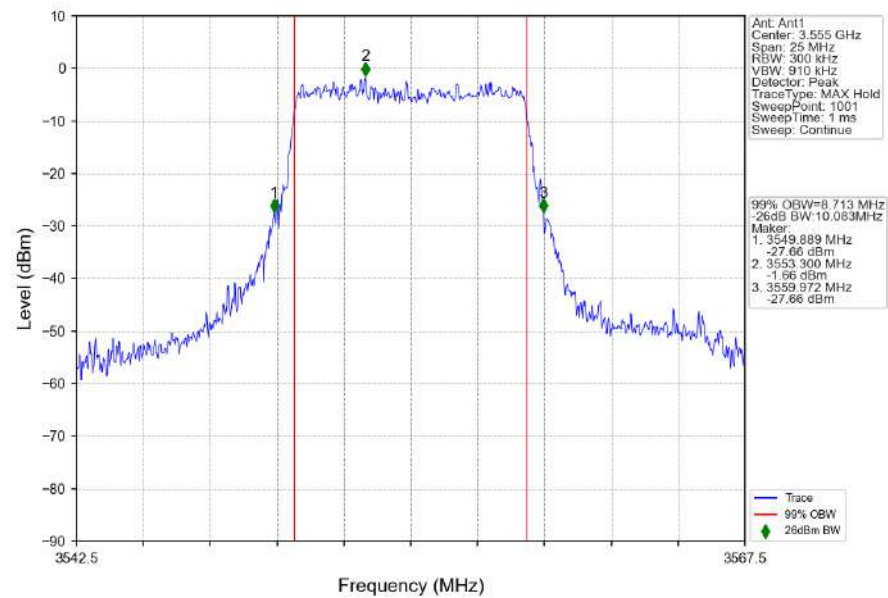
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full



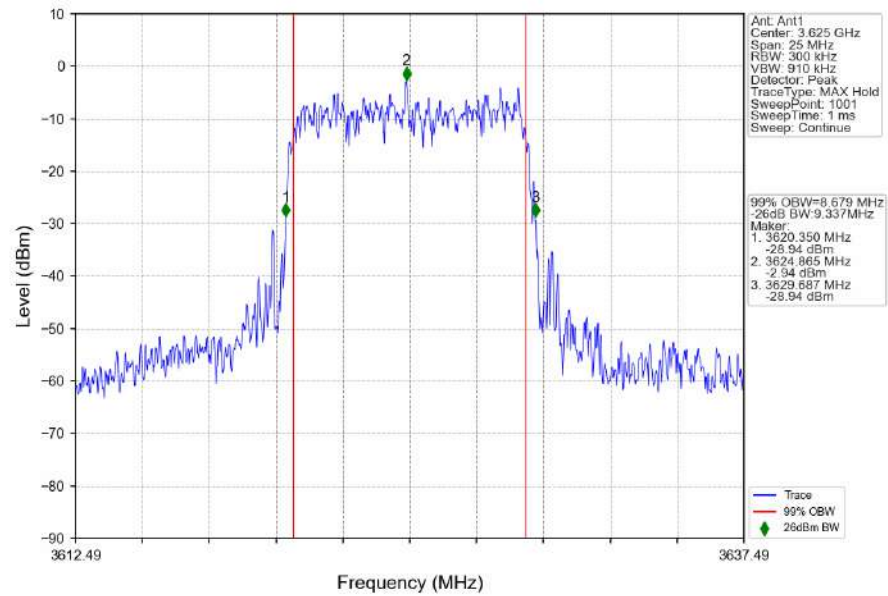
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3694.98MHz_Outer_Full



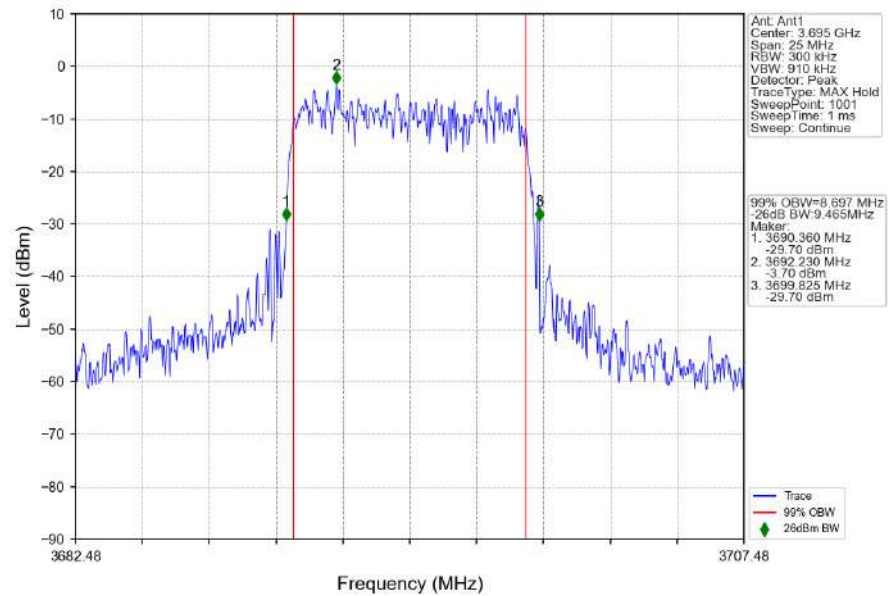
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_16 QAM_3555MHz_Outer_Full



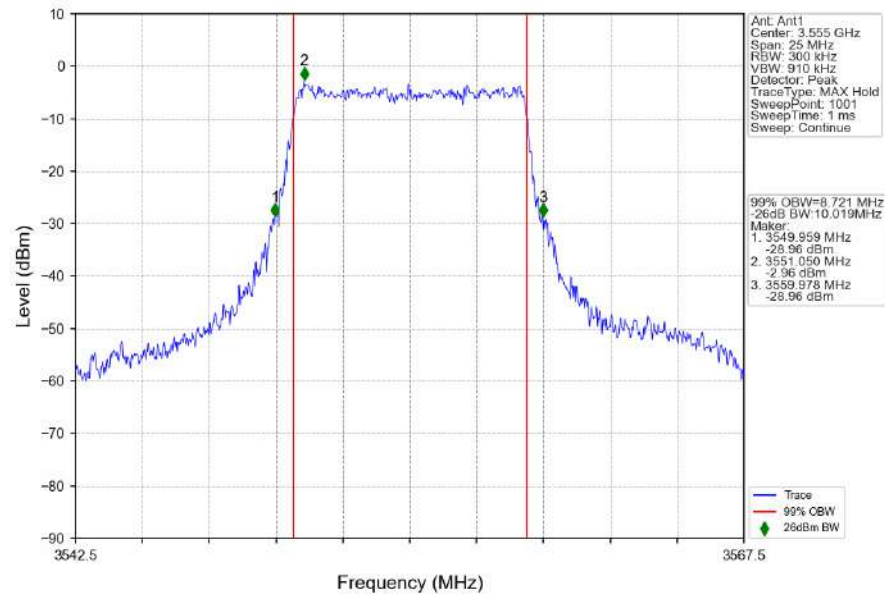
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3624.99MHz_Outer_Full



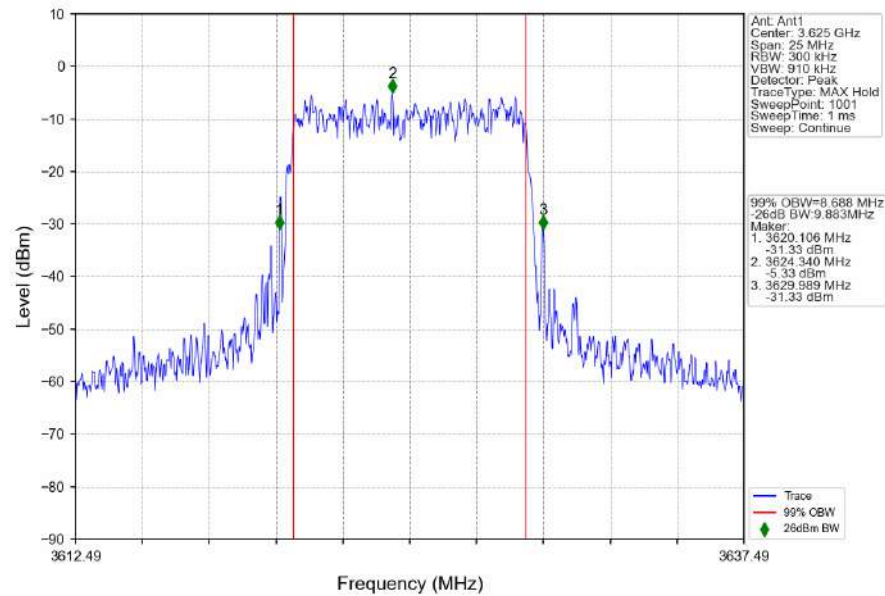
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3694.98MHz_Outer_Full



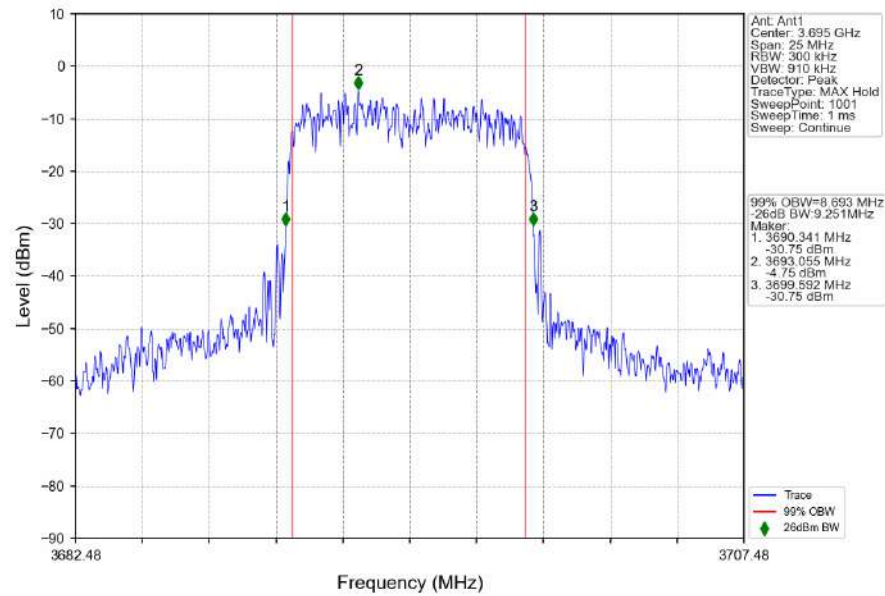
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_3555MHz_Outer_Full



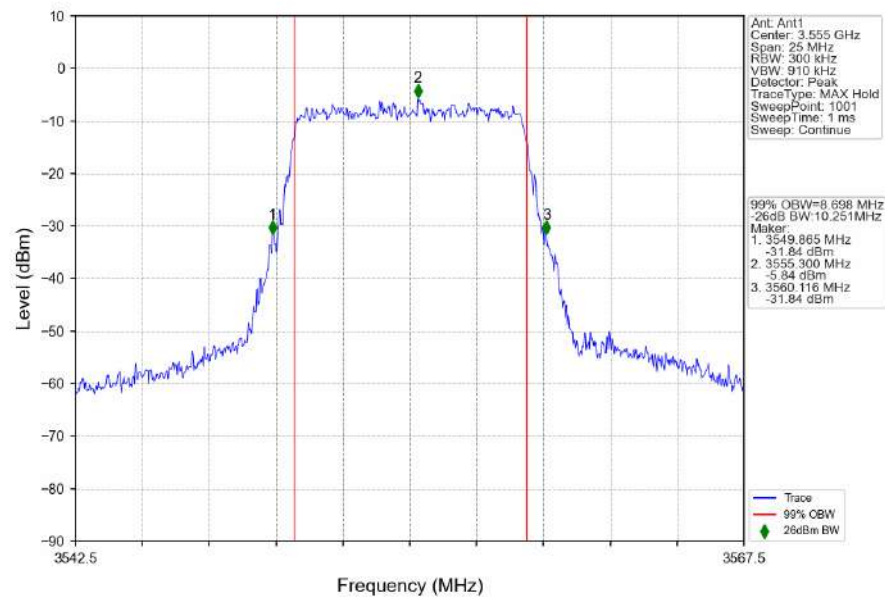
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_3624.99MHz_Outer_Full



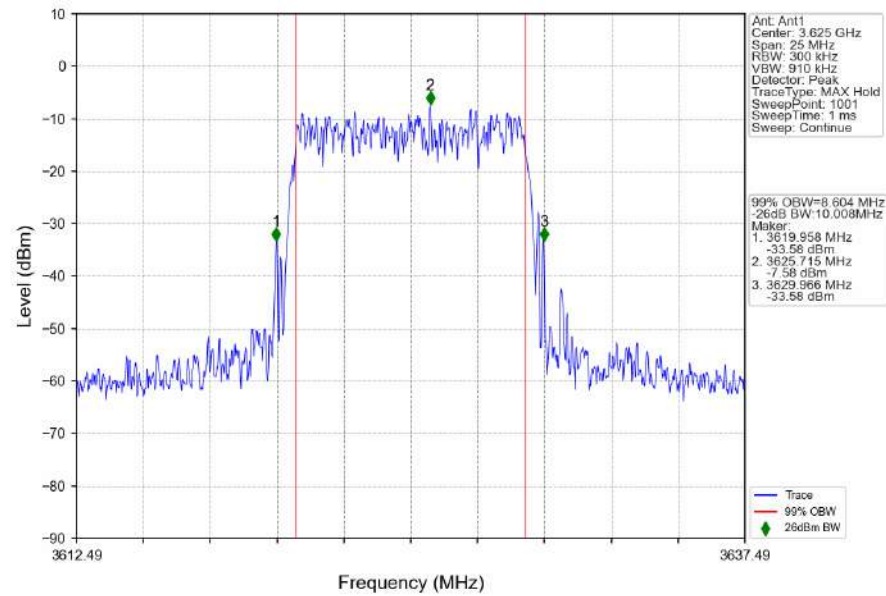
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_3694.98MHz_Outer_Full



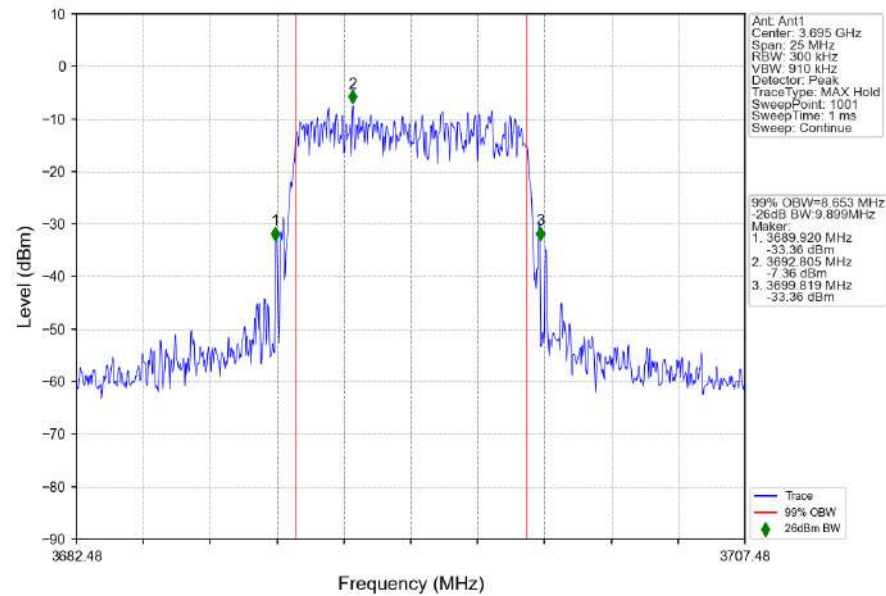
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3555MHz_Outer_Full



n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3694.98MHz_Outer_Full

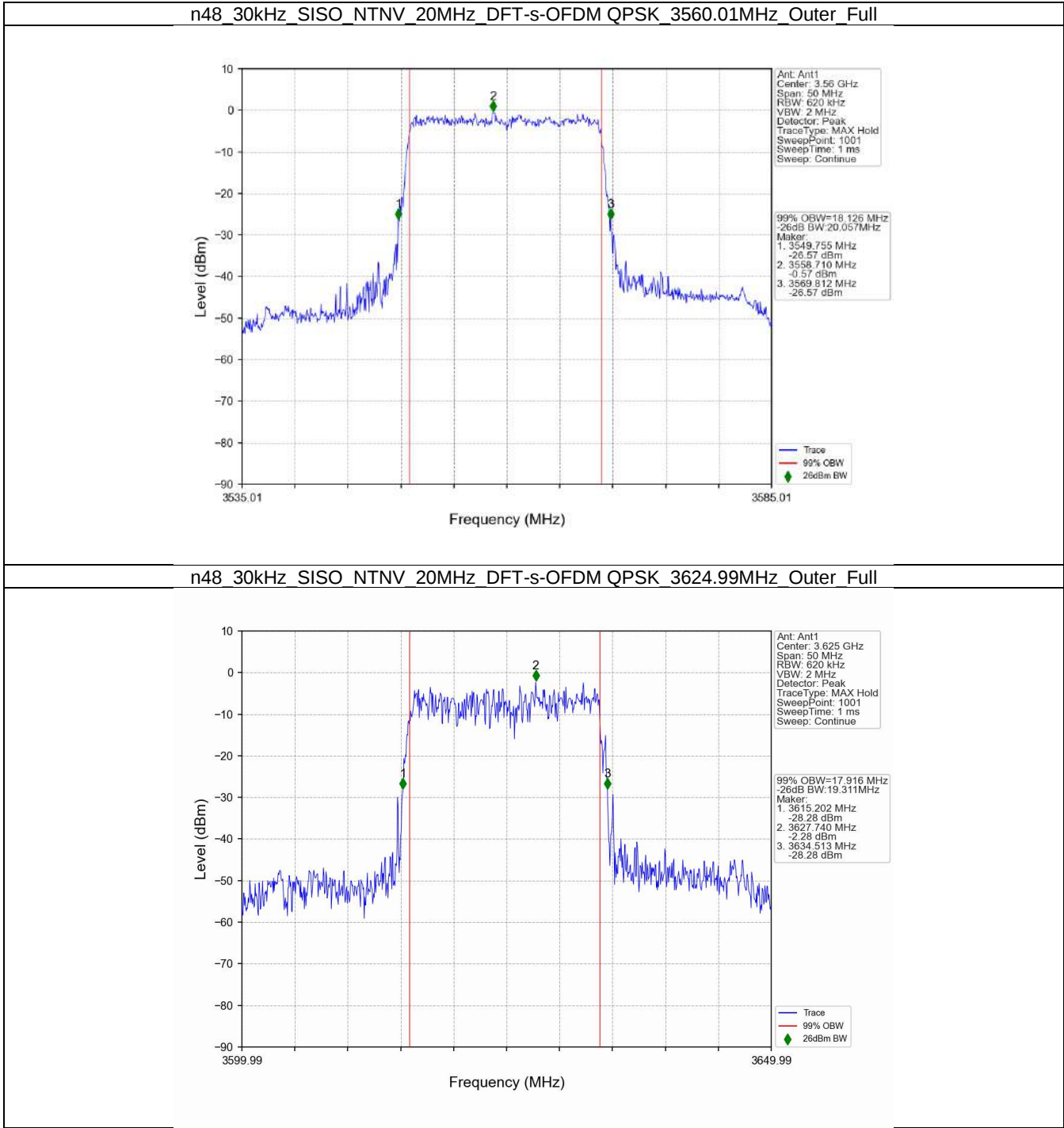


1.2 30k_SISO_20MHz_NTNV

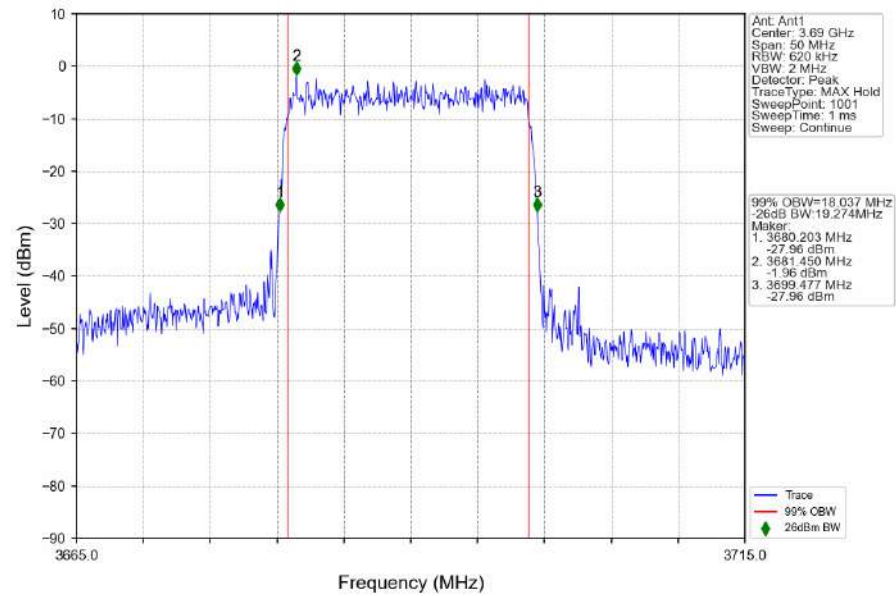
1.2.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3560.01	Outer_Full	18.13	20.06	/	Pass
	3624.99	Outer_Full	17.92	19.31	/	Pass
	3690	Outer_Full	18.04	19.27	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer_Full	18.08	20.22	/	Pass
	3624.99	Outer_Full	18.14	19.71	/	Pass
	3690	Outer_Full	18.01	19.62	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer_Full	18.08	19.85	/	Pass
	3624.99	Outer_Full	18.02	19.71	/	Pass
	3690	Outer_Full	14.02	14.90	/	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer_Full	18.11	19.98	/	Pass
	3624.99	Outer_Full	18.00	19.76	/	Pass
	3690	Outer_Full	18.00	19.30	/	Pass
CP-OFDM QPSK	3560.01	Outer_Full	18.38	20.48	/	Pass
	3624.99	Outer_Full	18.35	19.65	/	Pass
	3690	Outer_Full	18.38	19.77	/	Pass
CP-OFDM 16 QAM	3560.01	Outer_Full	18.43	20.35	/	Pass
	3624.99	Outer_Full	18.53	19.69	/	Pass
	3690	Outer_Full	18.47	19.59	/	Pass
CP-OFDM 64 QAM	3560.01	Outer_Full	18.35	20.01	/	Pass
	3624.99	Outer_Full	18.25	20.22	/	Pass
	3690	Outer_Full	18.40	19.75	/	Pass
CP-OFDM 256 QAM	3560.01	Outer_Full	18.43	20.37	/	Pass
	3624.99	Outer_Full	18.31	19.39	/	Pass
	3690	Outer_Full	18.41	19.85	/	Pass

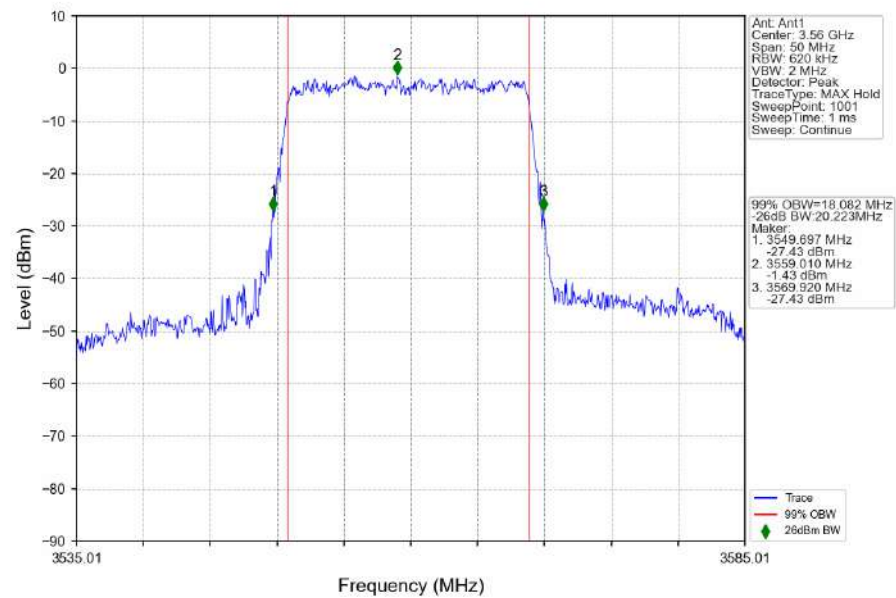
1.2.2 Test Graph



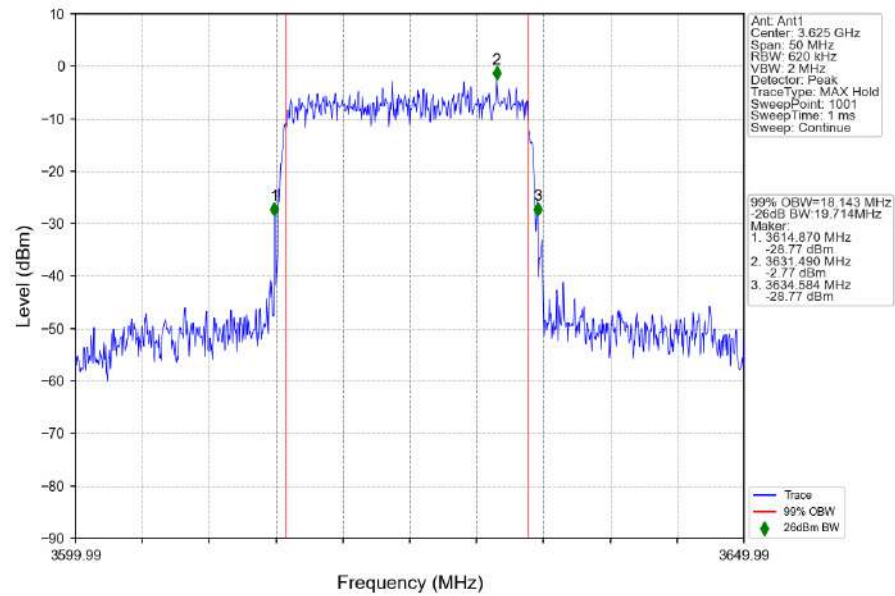
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3690MHz_Outer_Full



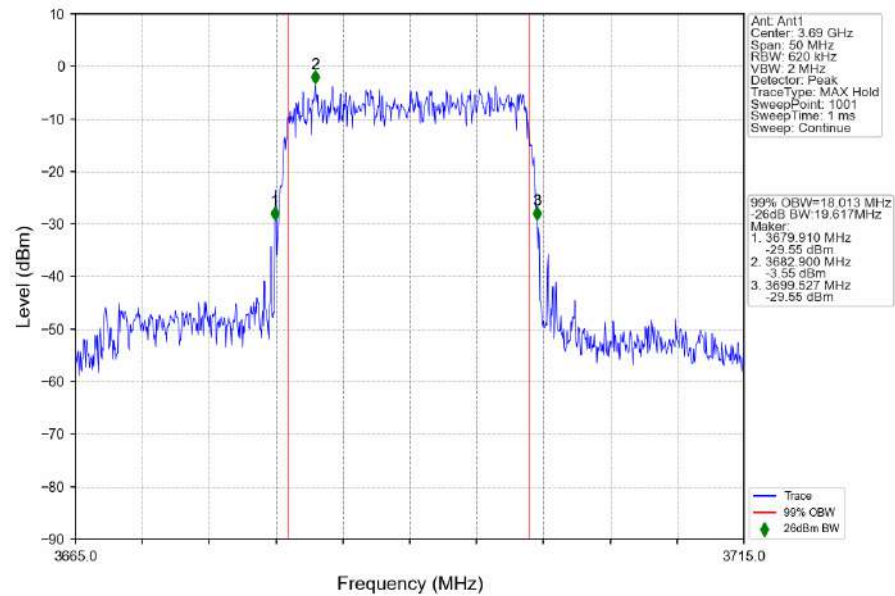
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3560.01MHz_Outer_Full



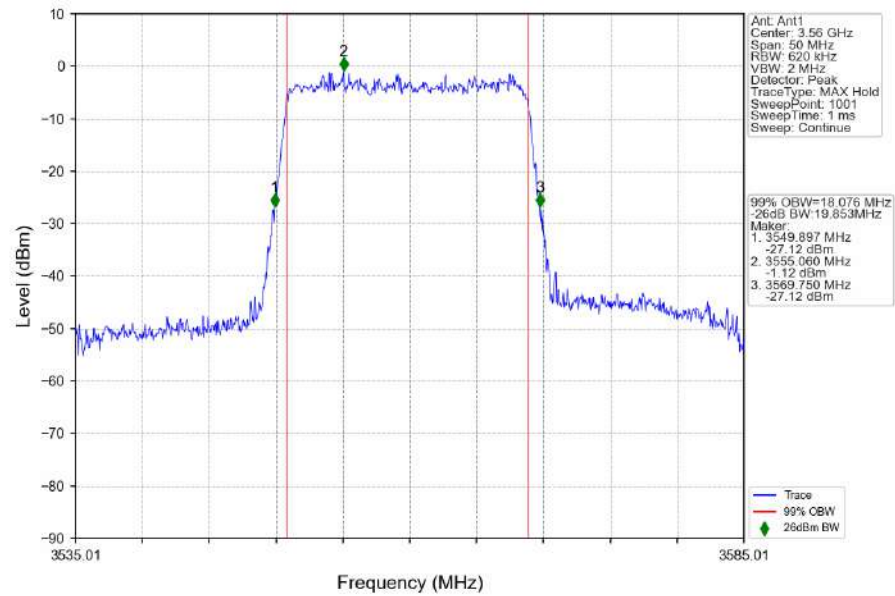
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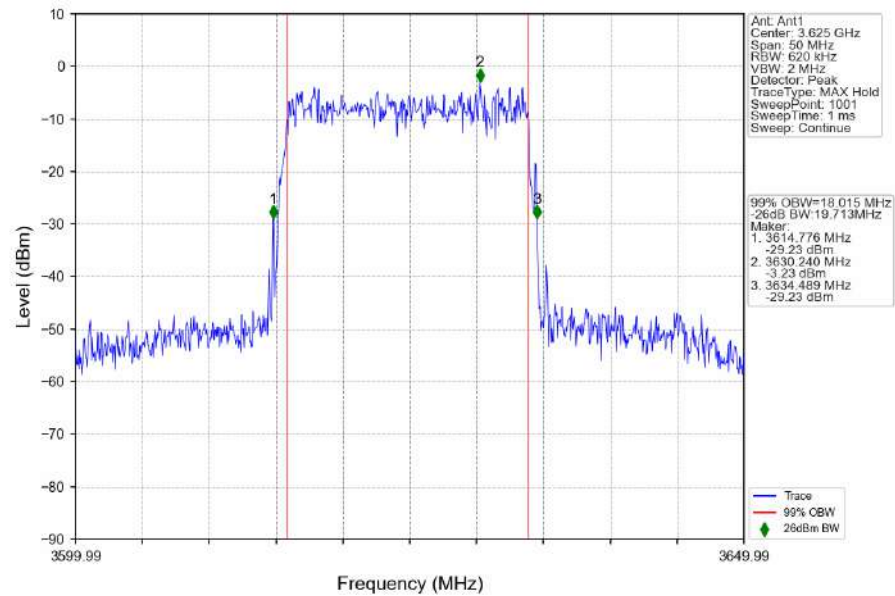
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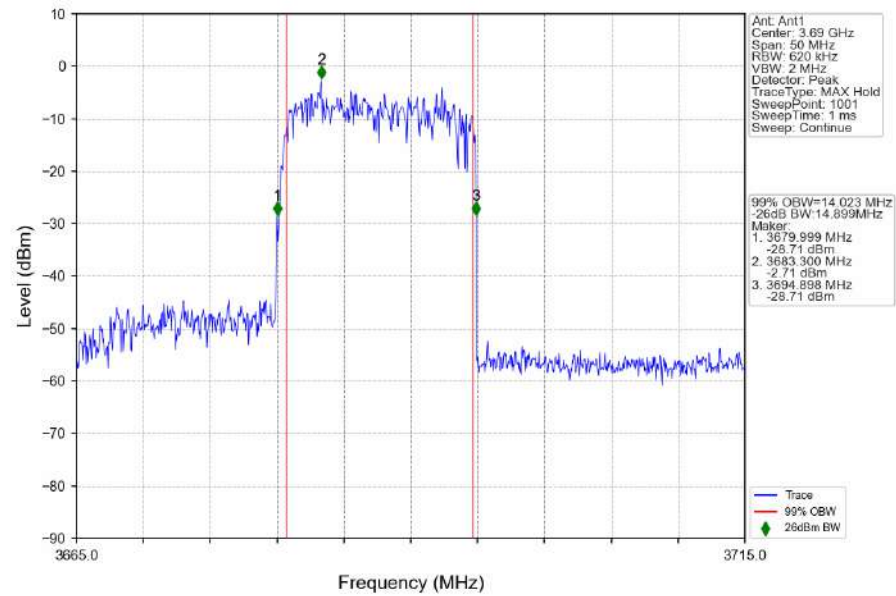
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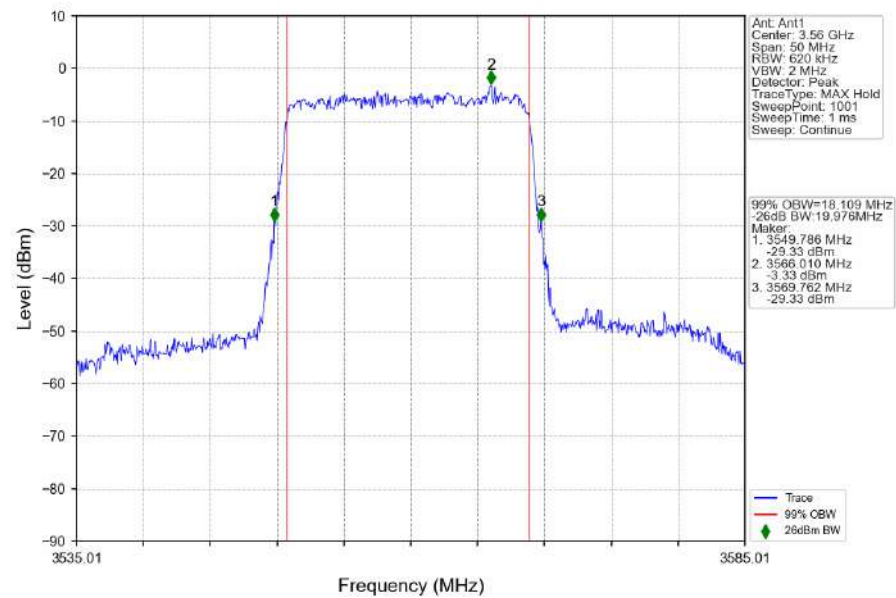
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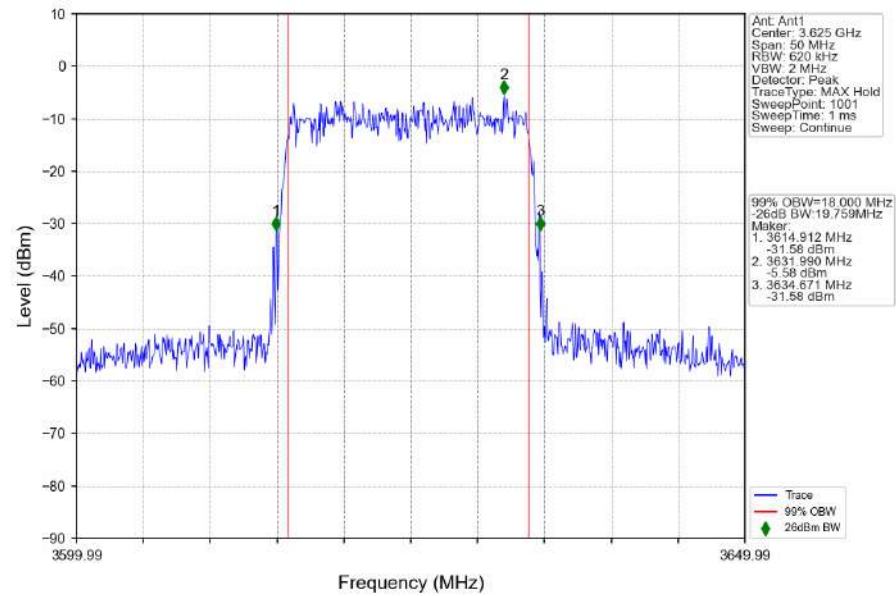
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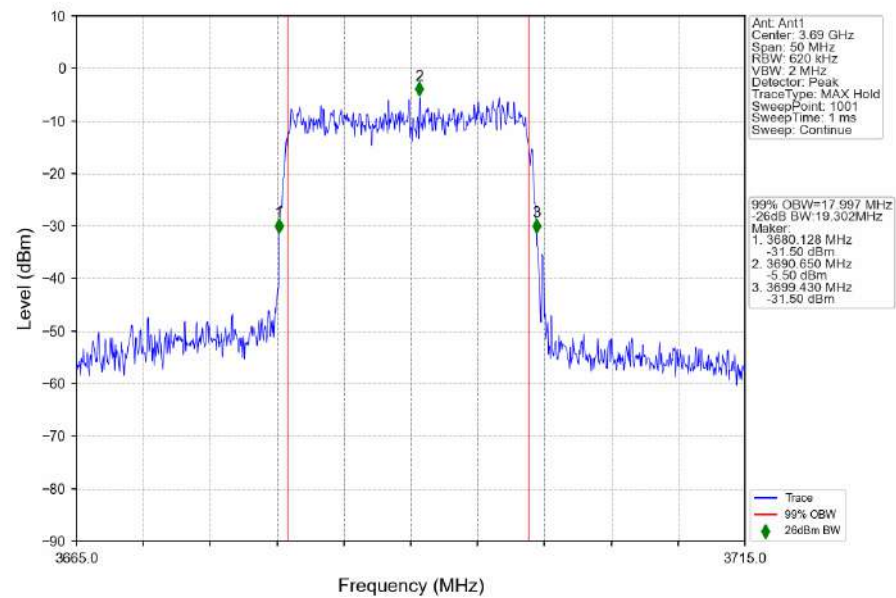
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3560.01MHz_Outer_Full



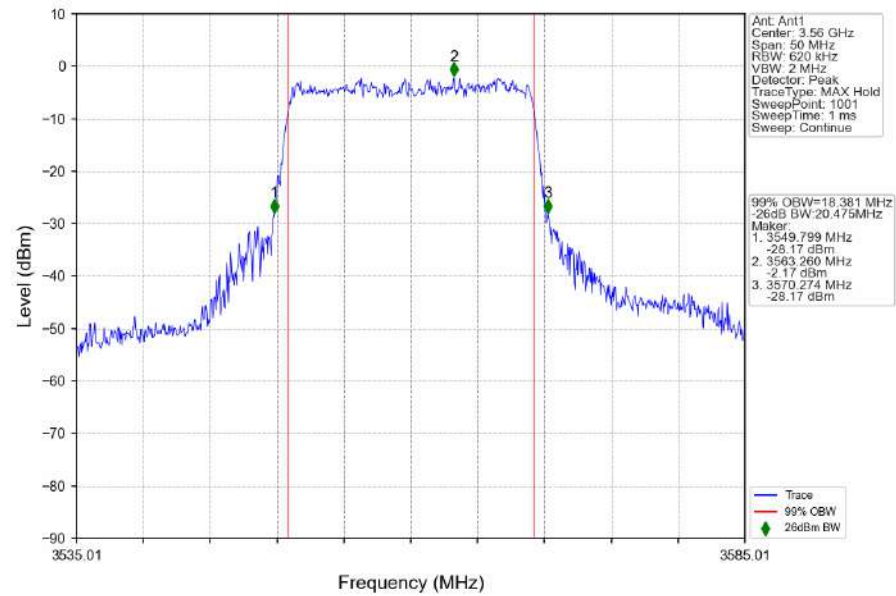
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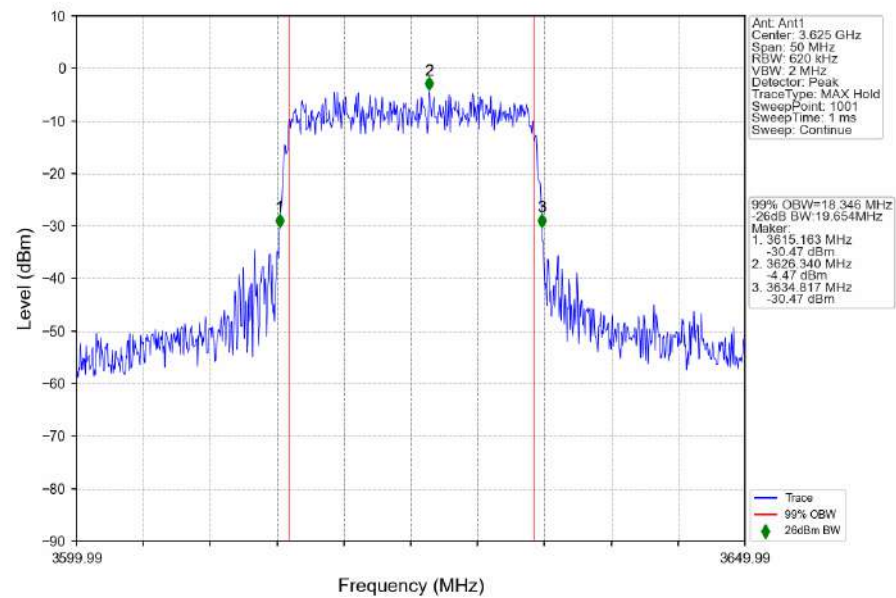
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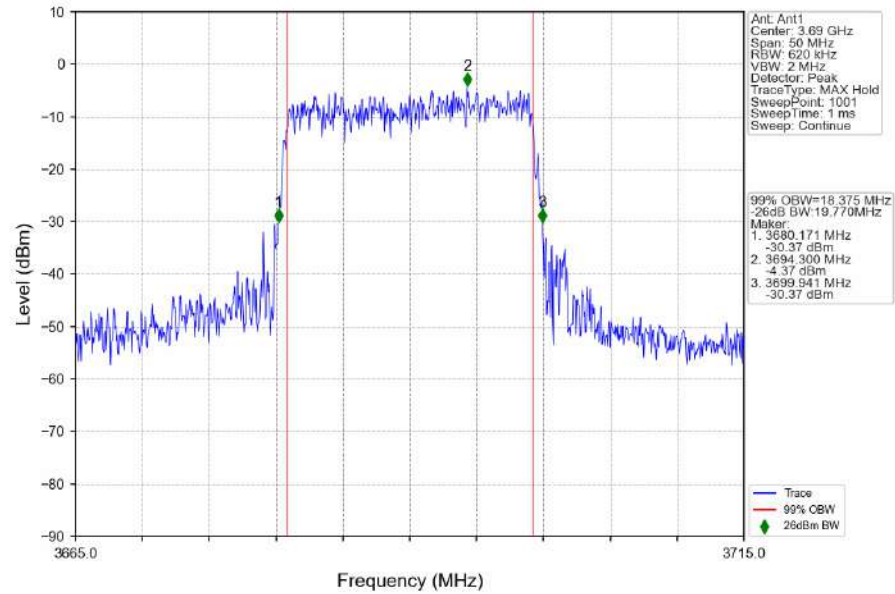
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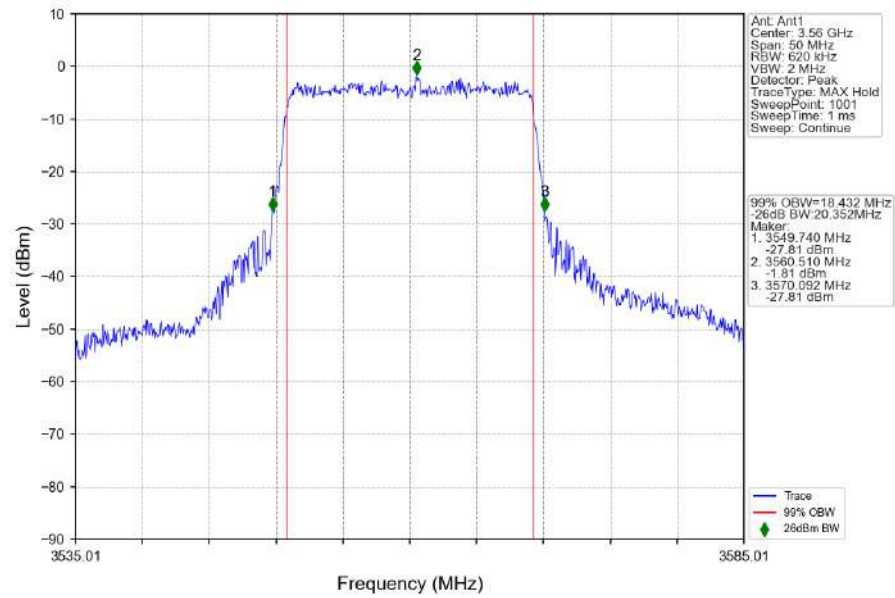
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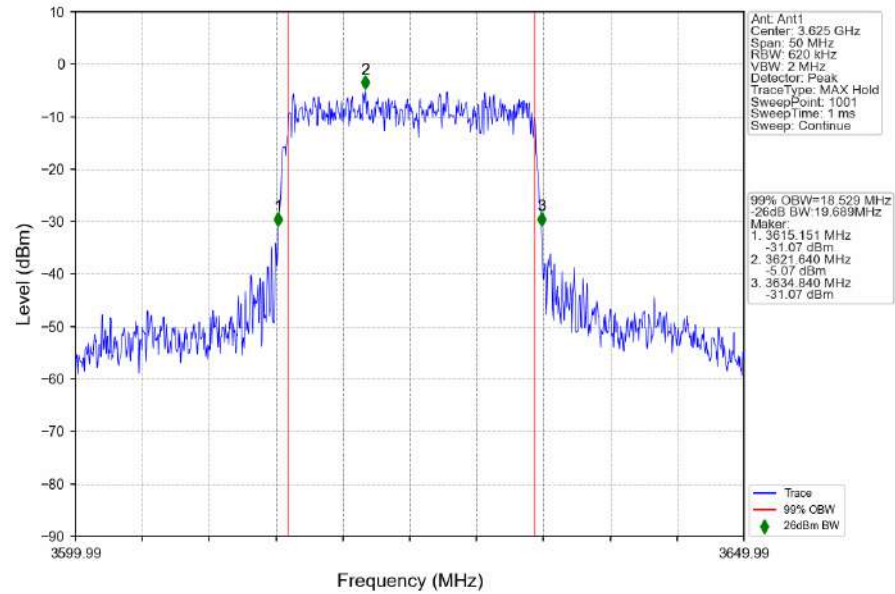
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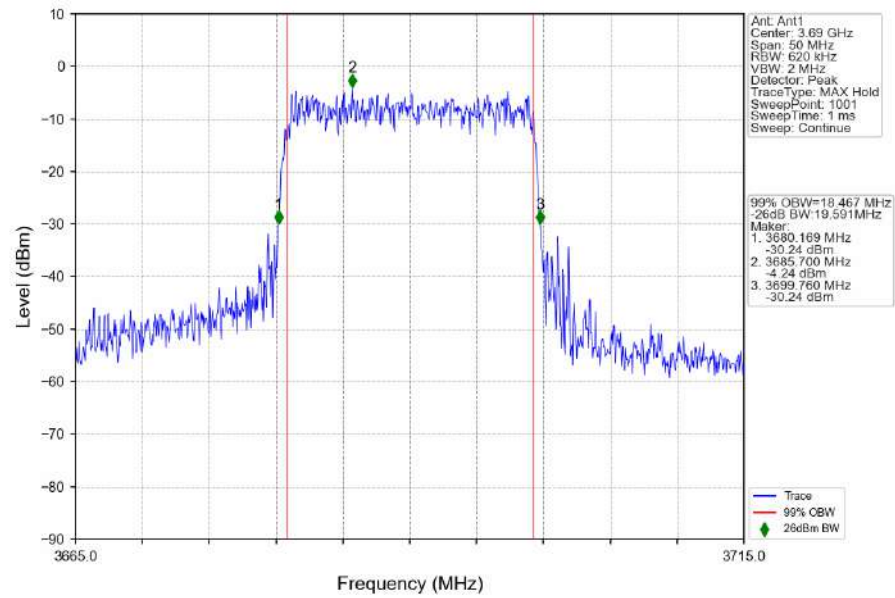
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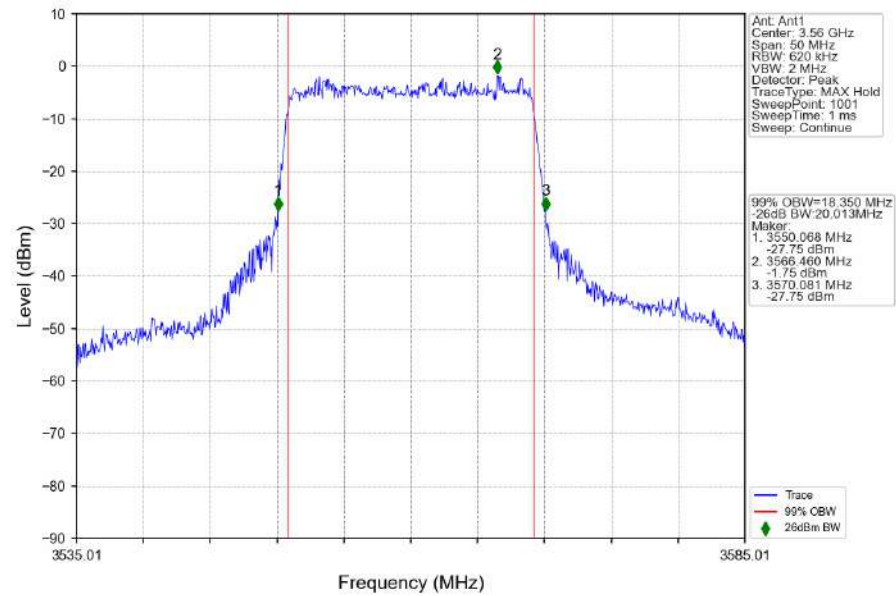
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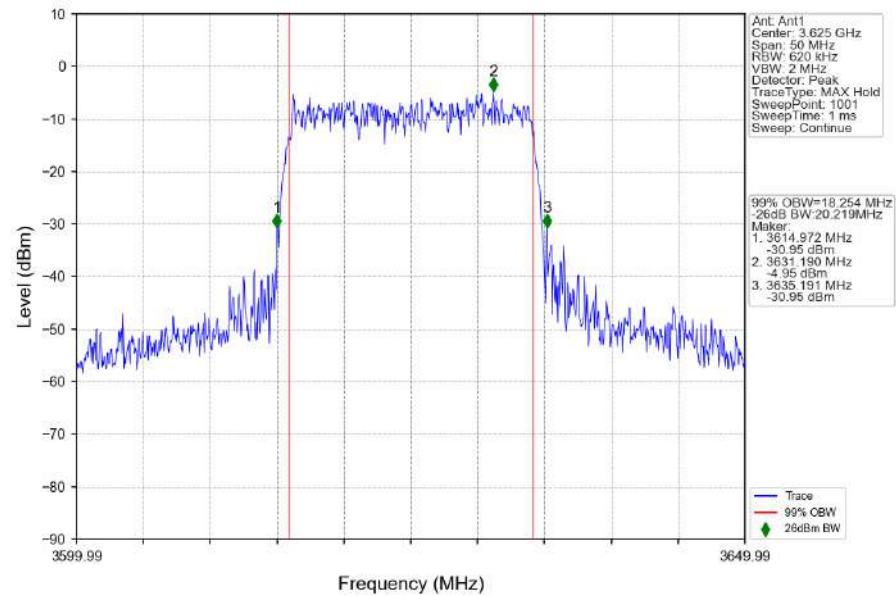
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3690MHz_Outer_Full



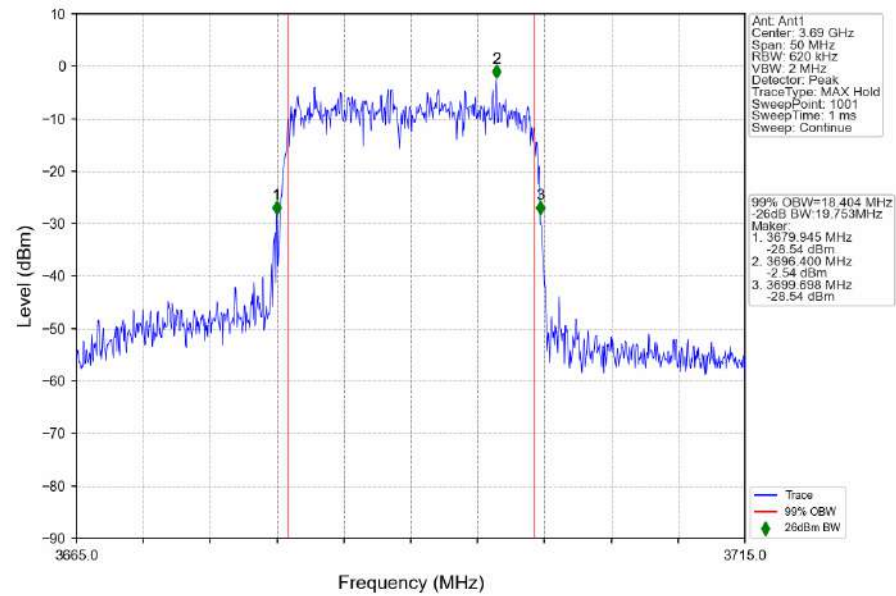
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3560.01MHz_Outer_Full



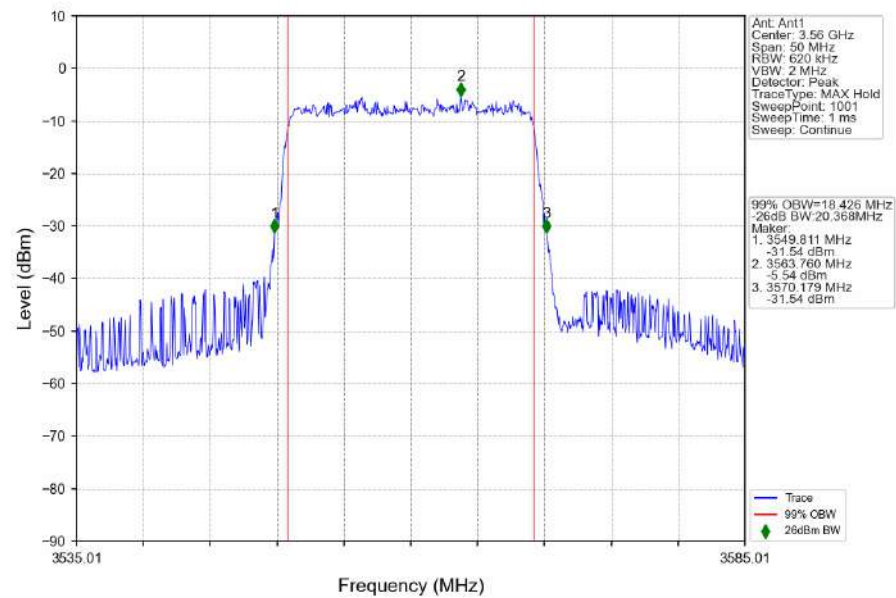
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3624.99MHz_Outer_Full



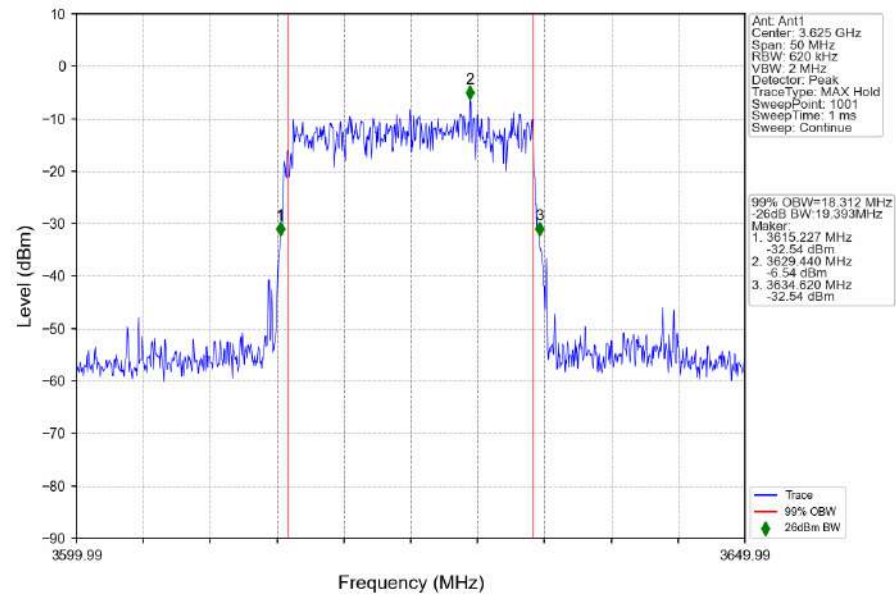
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3690MHz_Outer_Full



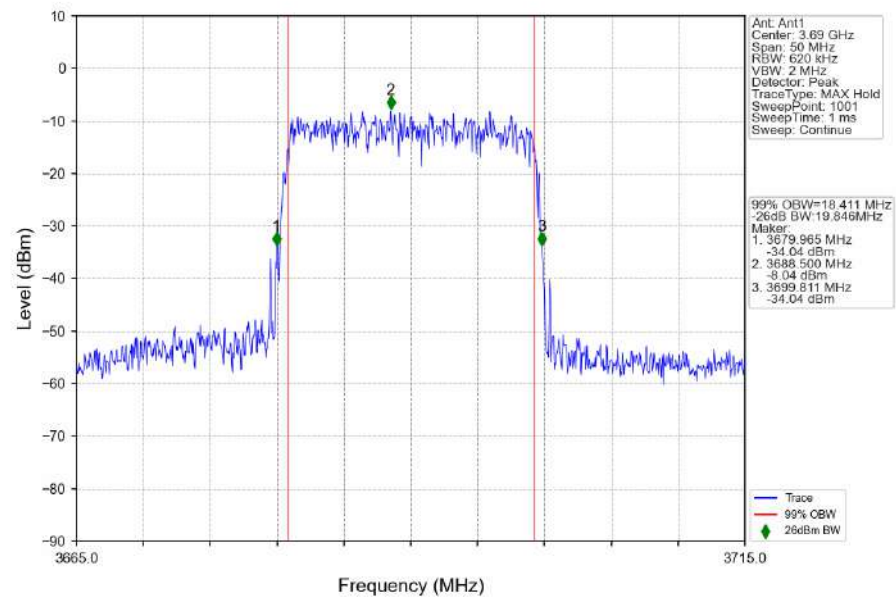
n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3560.01MHz_Outer_Full



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3624.99MHz_Outer_Full



n48_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3690MHz_Outer_Full

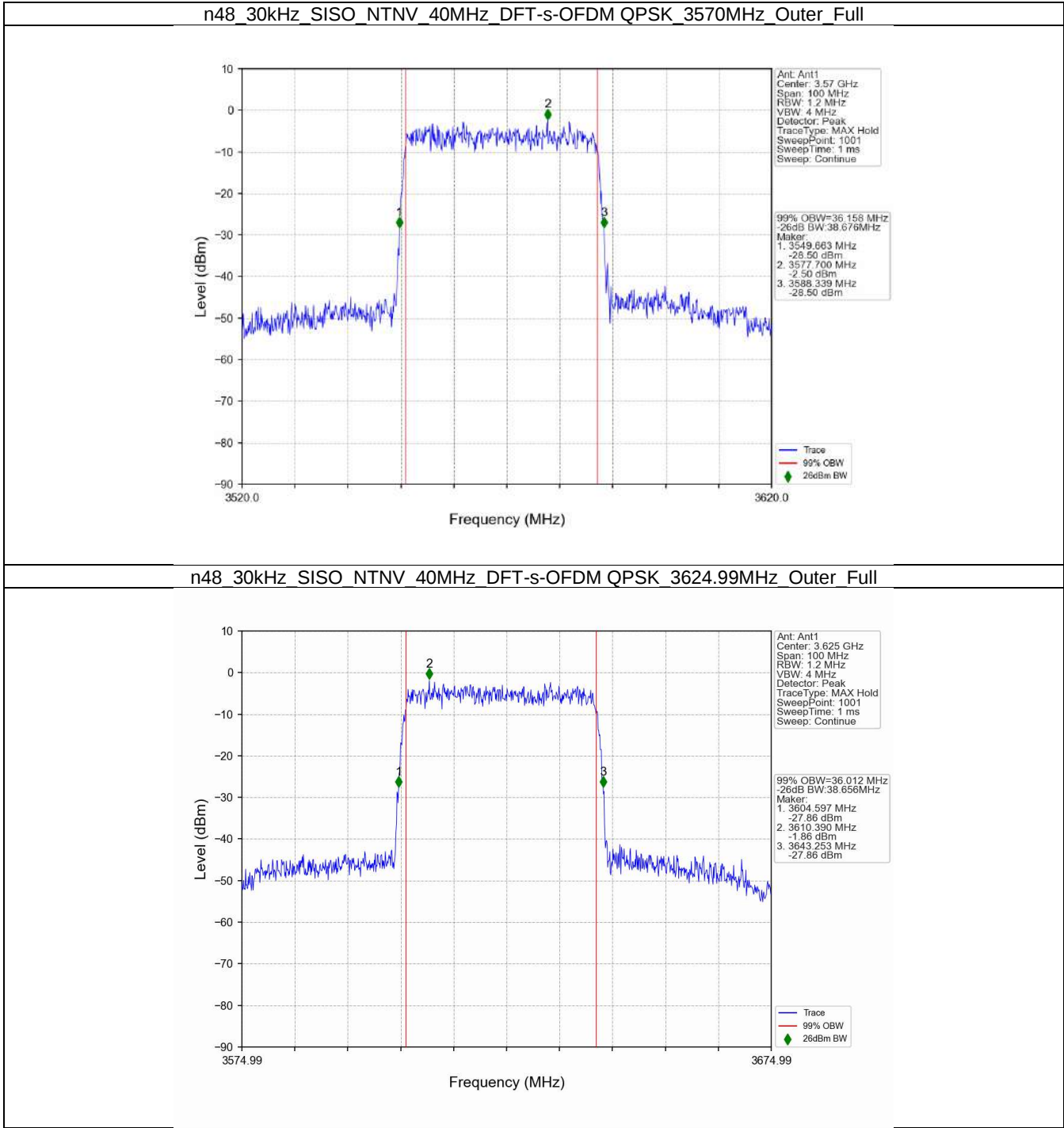


1.3 30k_SISO_40MHz_NTNV

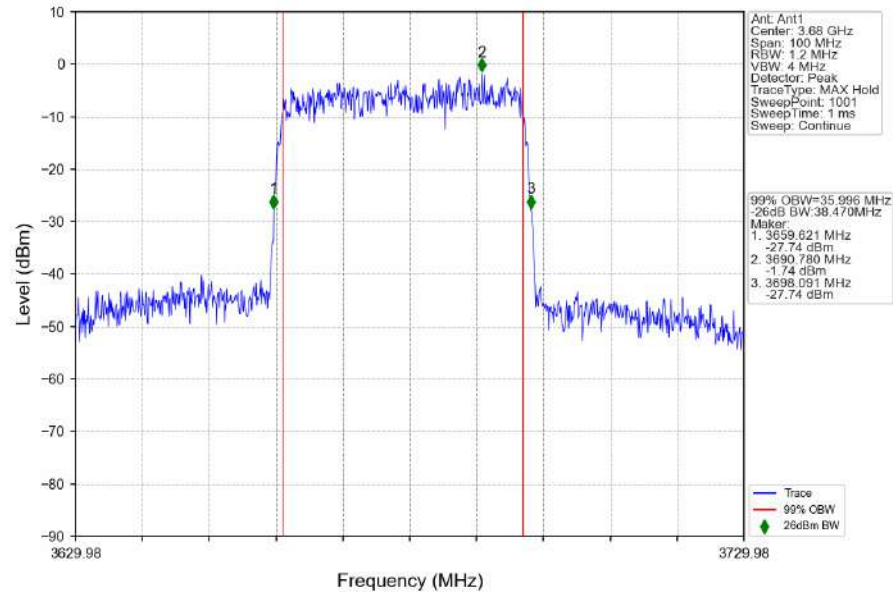
1.3.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	3570	Outer_Full	36.16	38.68	/	Pass
	3624.99	Outer_Full	36.01	38.66	/	Pass
	3679.98	Outer_Full	36.00	38.47	/	Pass
DFT-s-OFDM 16 QAM	3570	Outer_Full	36.12	38.45	/	Pass
	3624.99	Outer_Full	12.50	13.45	/	Pass
	3679.98	Outer_Full	36.01	38.45	/	Pass
DFT-s-OFDM 64 QAM	3570	Outer_Full	36.02	38.37	/	Pass
	3624.99	Outer_Full	35.95	38.51	/	Pass
	3679.98	Outer_Full	35.65	38.37	/	Pass
DFT-s-OFDM 256 QAM	3570	Outer_Full	36.02	38.40	/	Pass
	3624.99	Outer_Full	35.94	38.63	/	Pass
	3679.98	Outer_Full	36.08	38.54	/	Pass
CP-OFDM QPSK	3570	Outer_Full	38.12	40.63	/	Pass
	3624.99	Outer_Full	37.83	40.42	/	Pass
	3679.98	Outer_Full	37.92	40.90	/	Pass
CP-OFDM 16 QAM	3570	Outer_Full	37.85	40.49	/	Pass
	3624.99	Outer_Full	37.95	40.37	/	Pass
	3679.98	Outer_Full	38.19	40.38	/	Pass
CP-OFDM 64 QAM	3570	Outer_Full	38.01	40.73	/	Pass
	3624.99	Outer_Full	37.76	40.05	/	Pass
	3679.98	Outer_Full	38.13	40.59	/	Pass
CP-OFDM 256 QAM	3570	Outer_Full	38.09	40.47	/	Pass
	3624.99	Outer_Full	31.10	32.72	/	Pass
	3679.98	Outer_Full	38.08	40.54	/	Pass

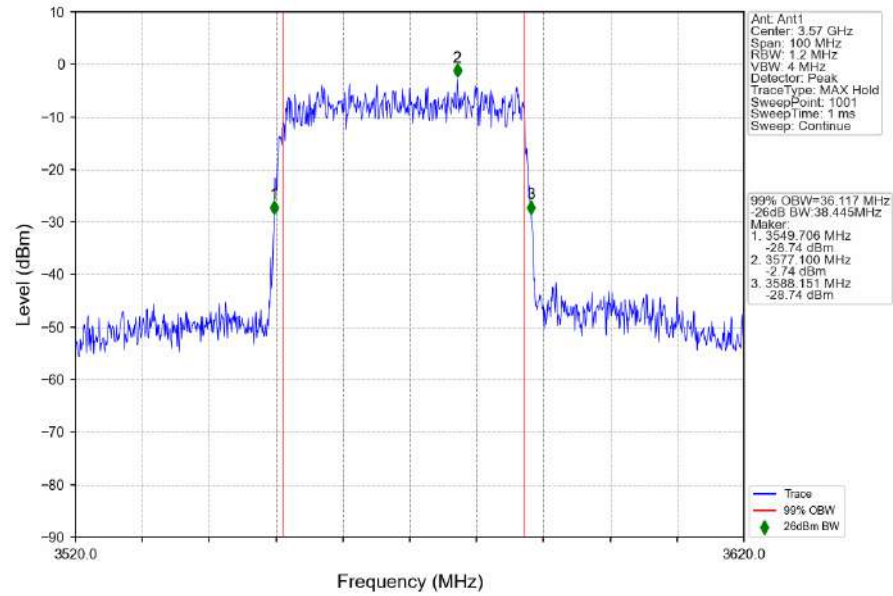
1.3.2 Test Graph



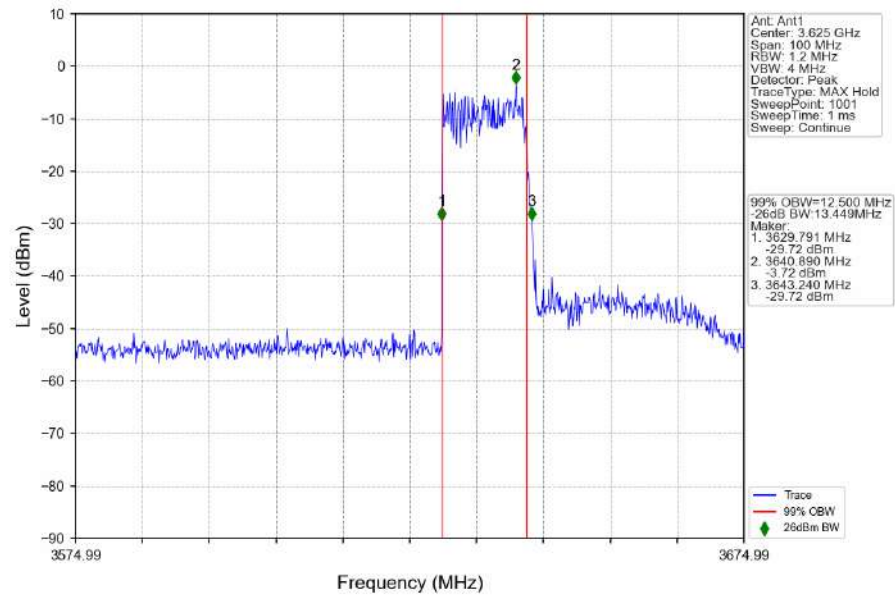
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_QPSK_3679.98MHz_Outer_Full



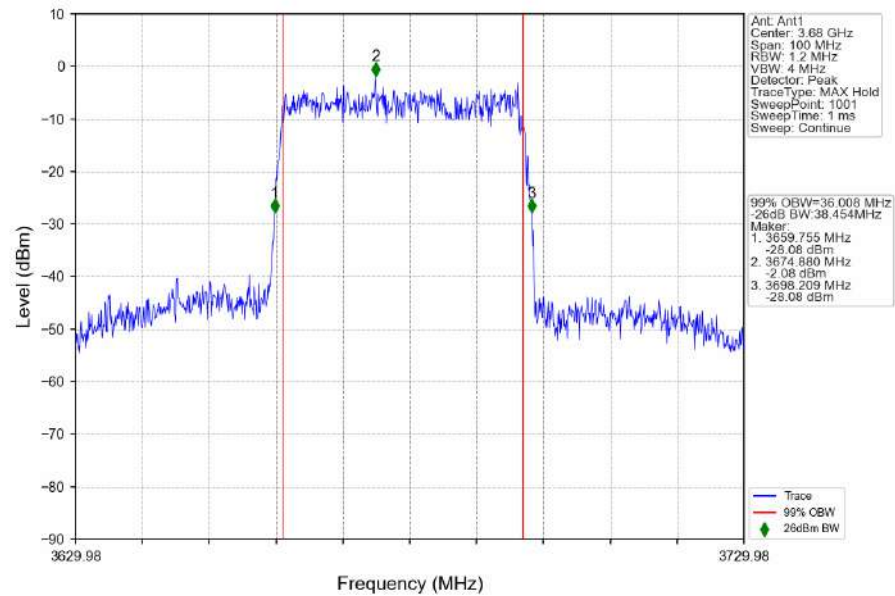
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3570MHz_Outer_Full



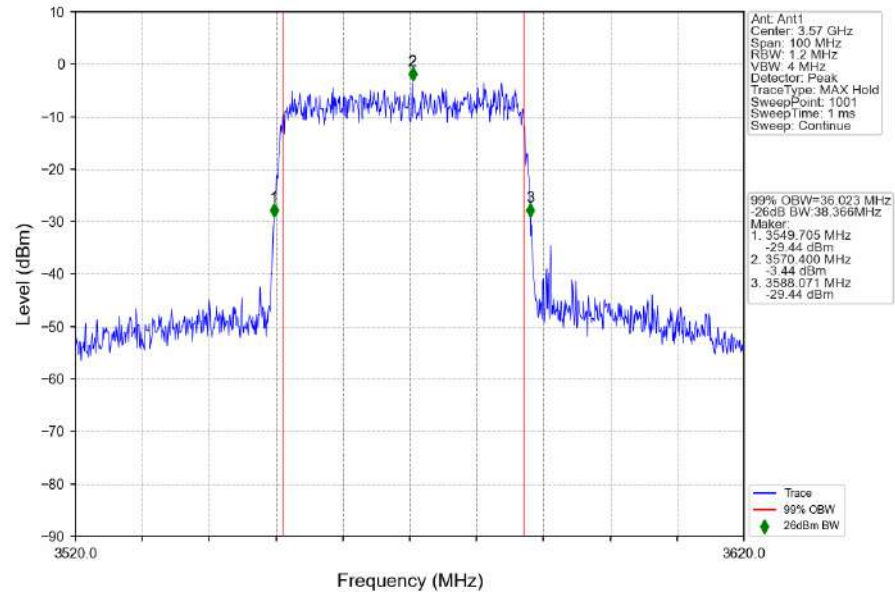
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full



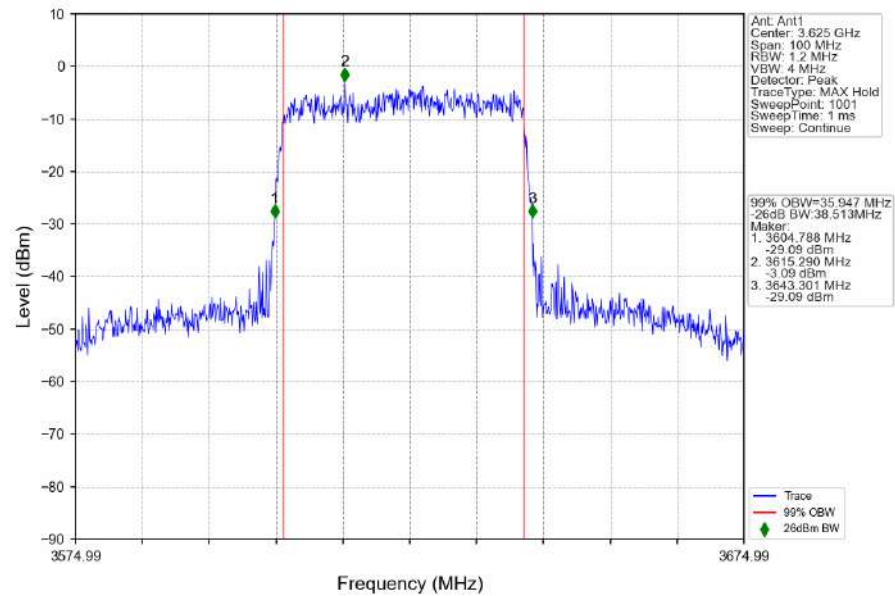
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_16_QAM_3679.98MHz_Outer_Full



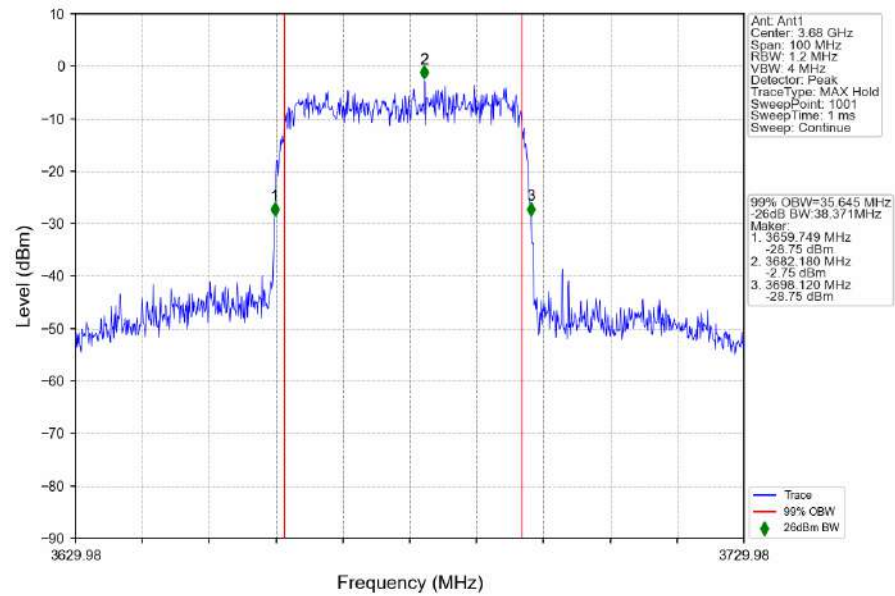
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3570MHz_Outer_Full



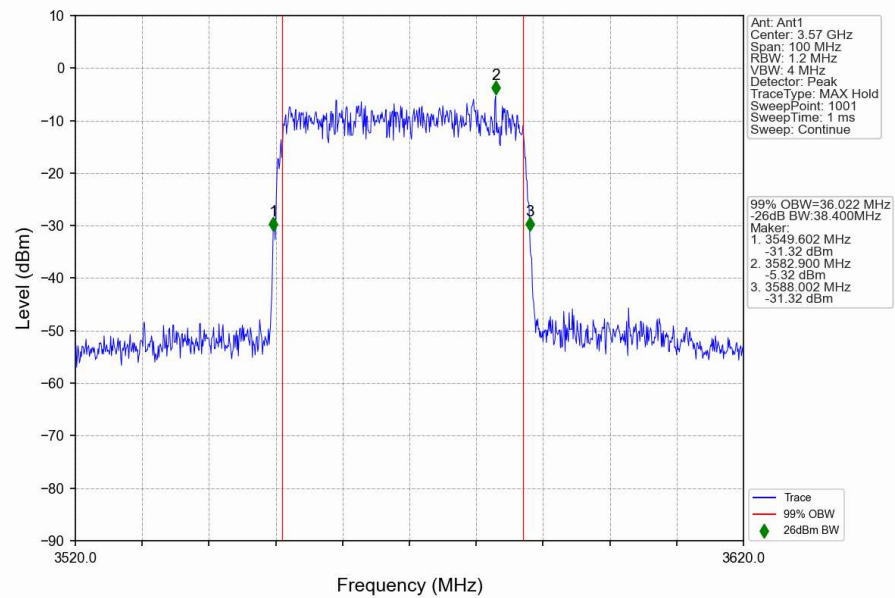
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full



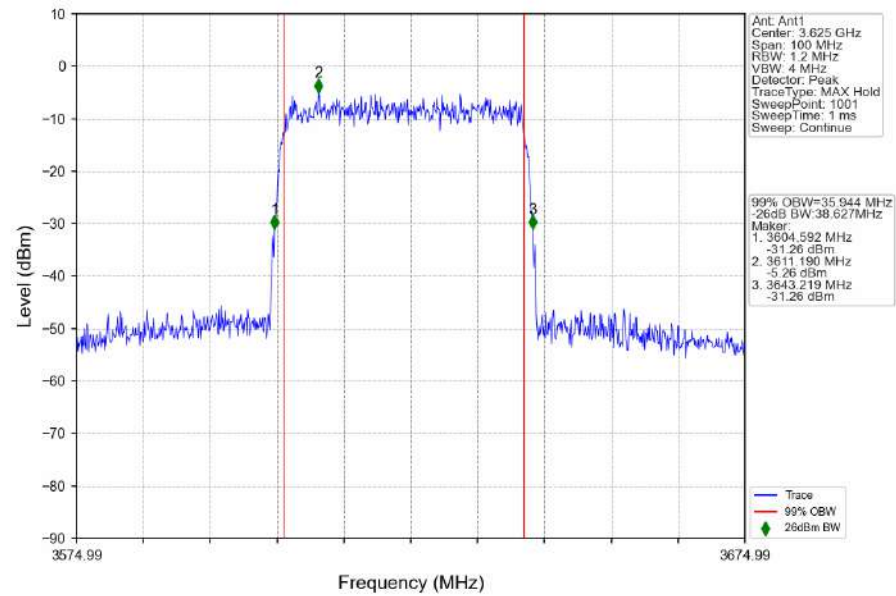
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_64_QAM_3679.98MHz_Outer_Full



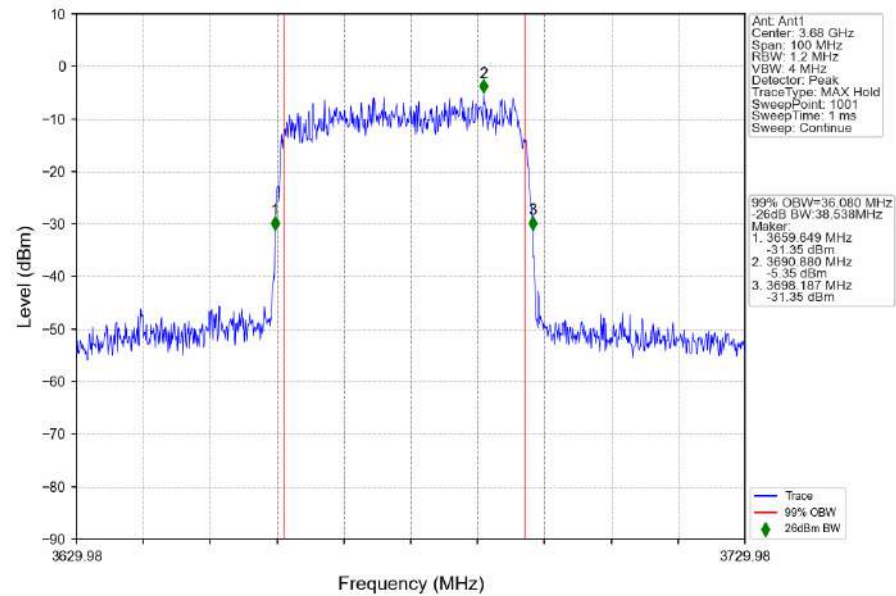
n48_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_3570MHz_Outer_Full



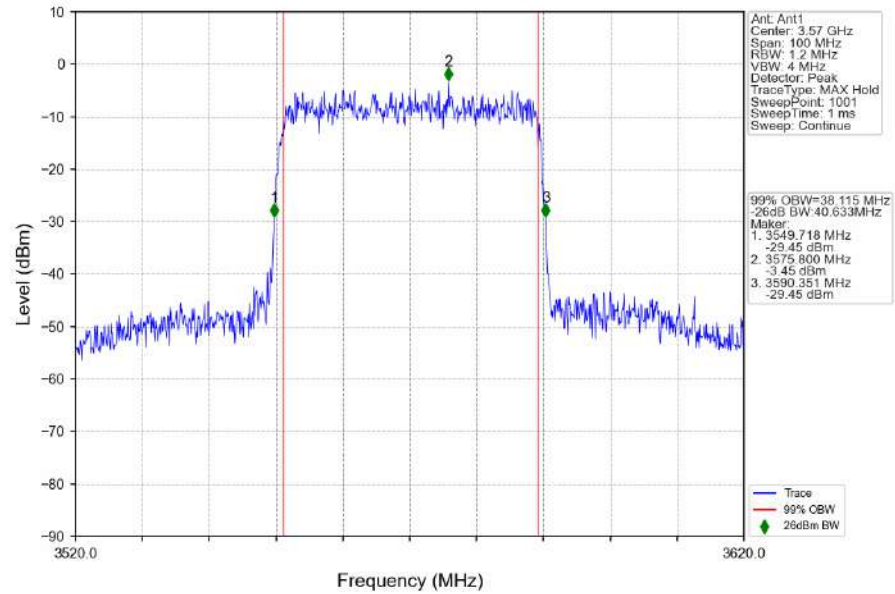
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3624.99MHz Outer Full



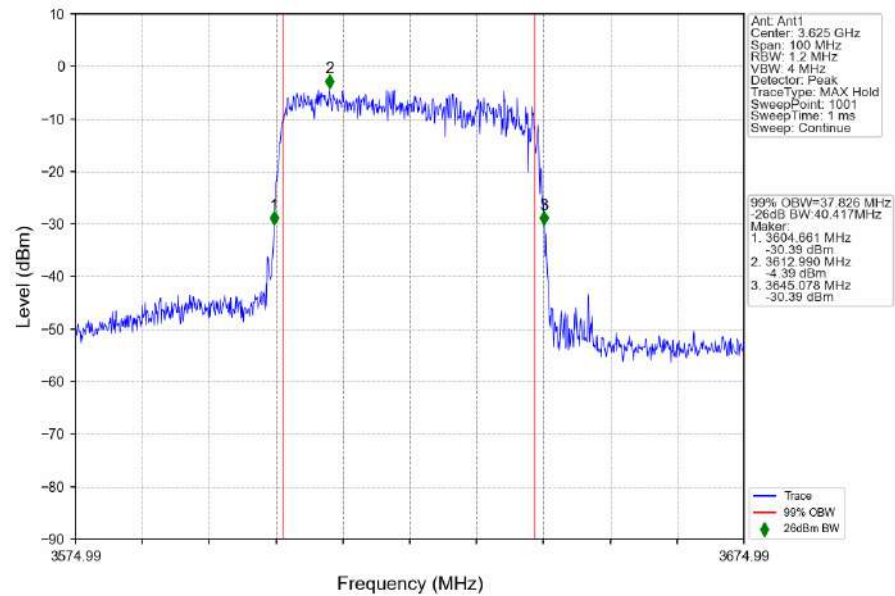
n48 30kHz SISO NTN 40MHz DFT-s-OFDM 256 QAM 3679.98MHz Outer Full



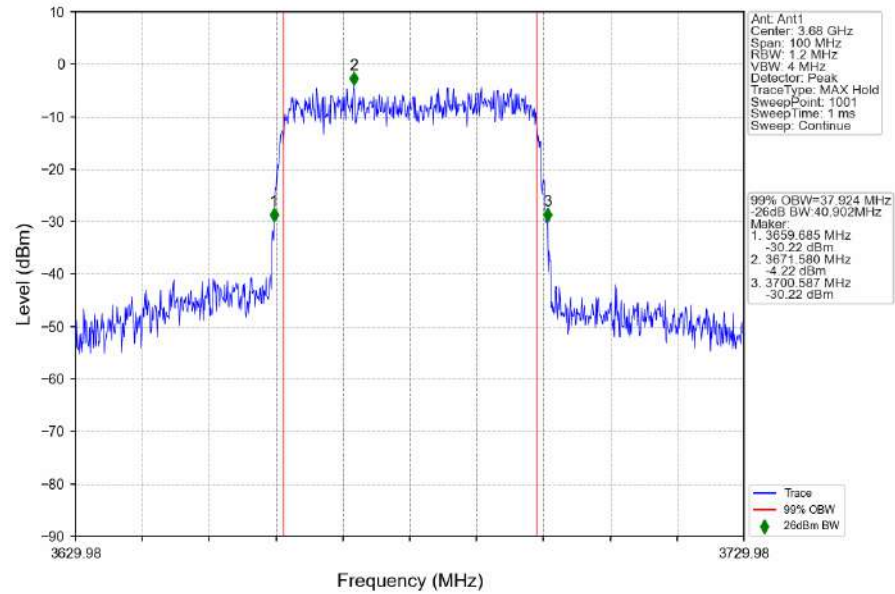
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3570MHz_Outer_Full



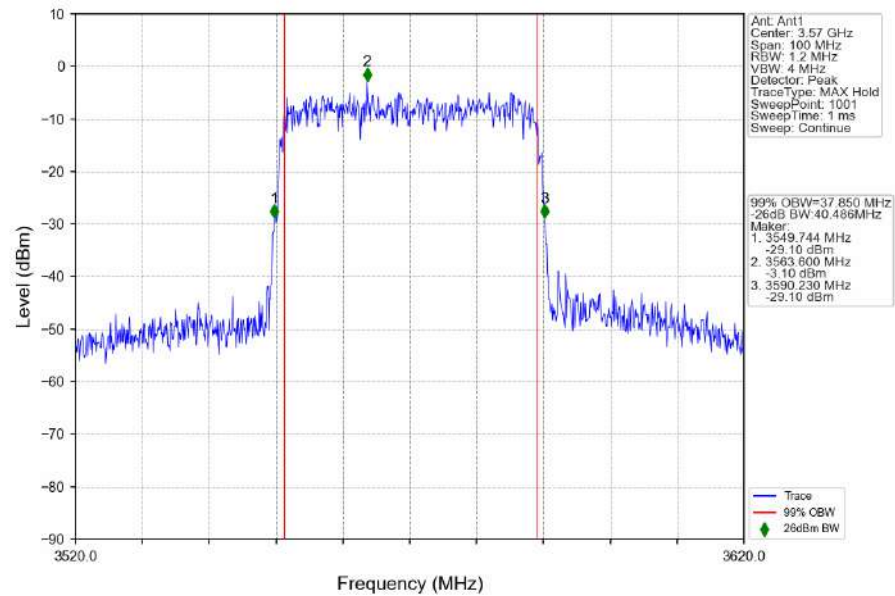
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full



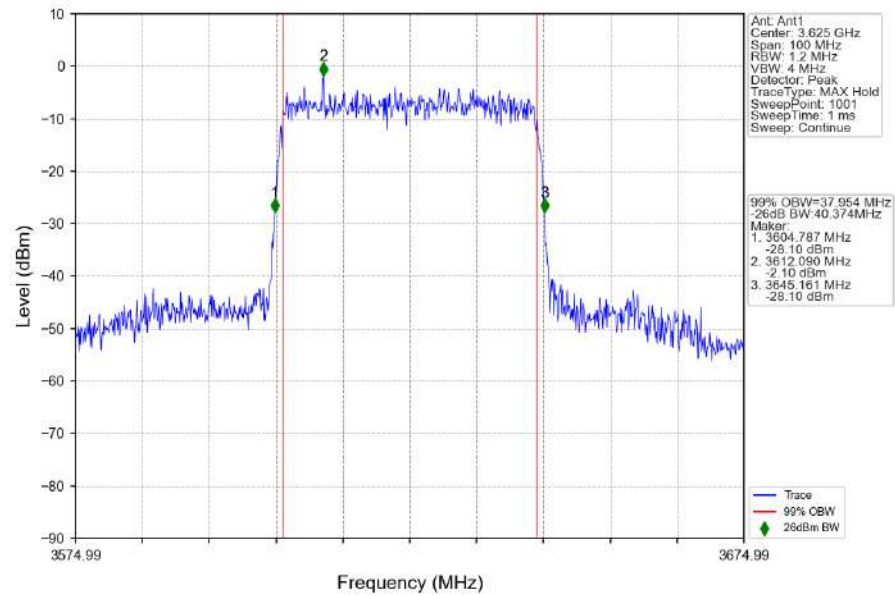
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_3679.98MHz_Outer_Full



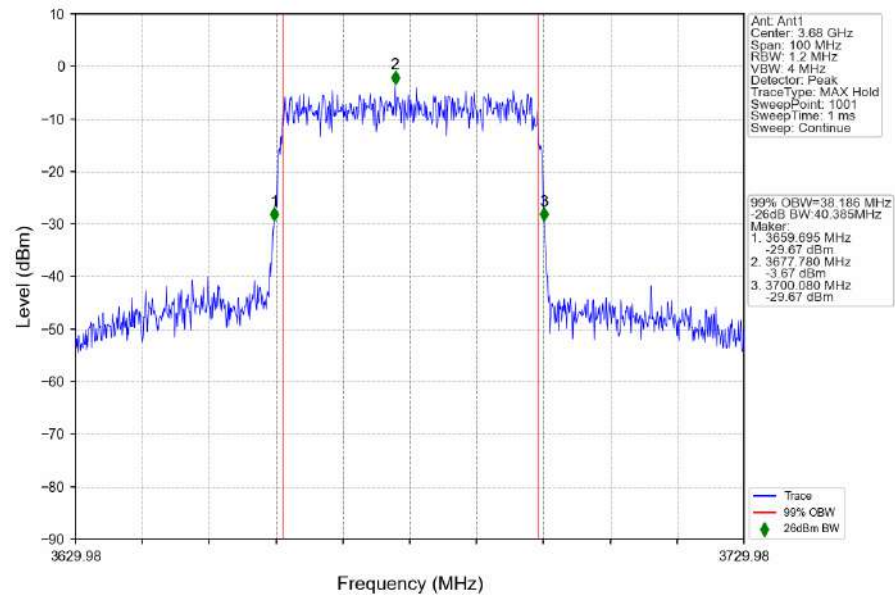
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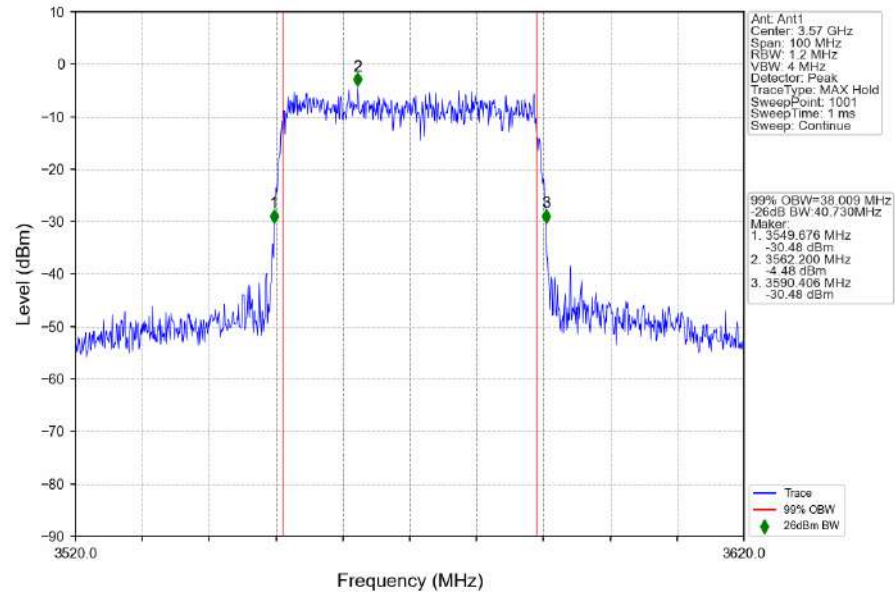
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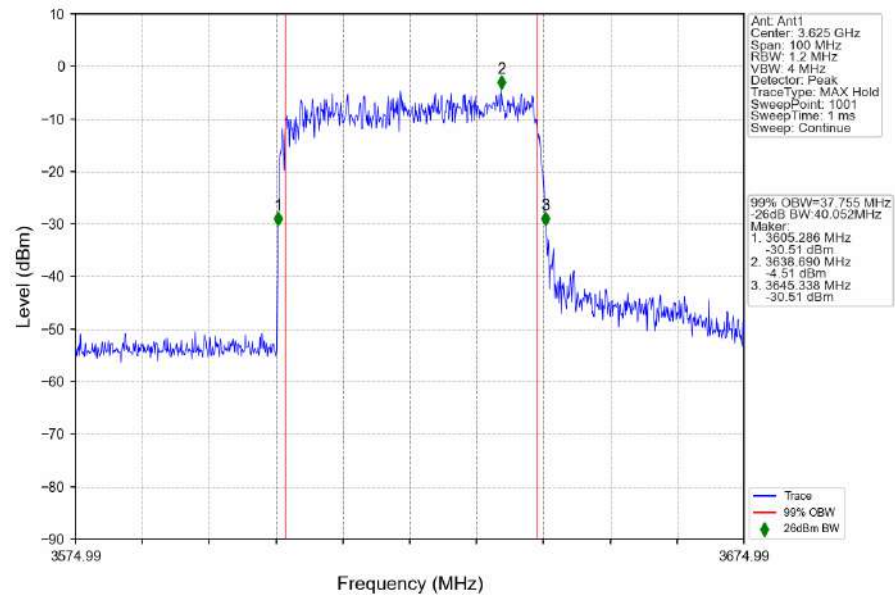
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_3679.98MHz_Outer_Full



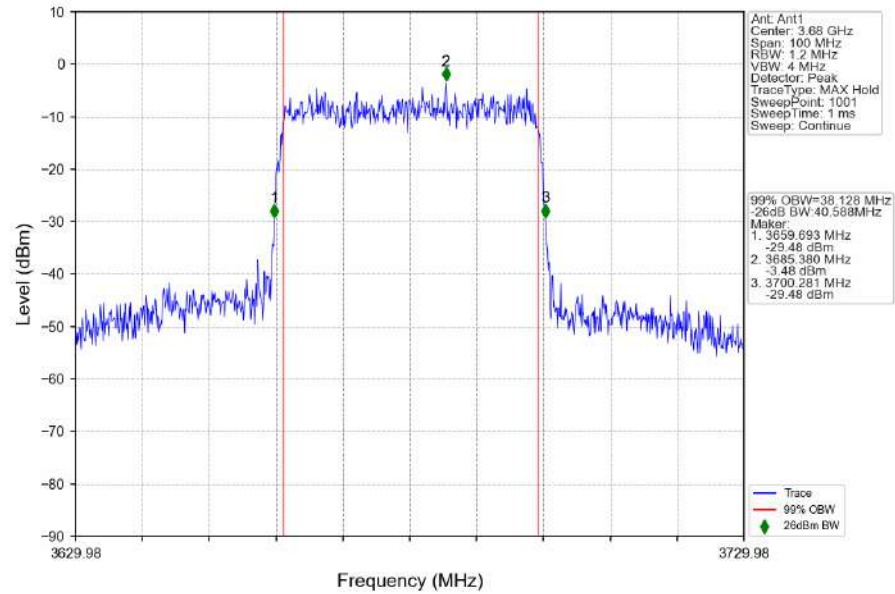
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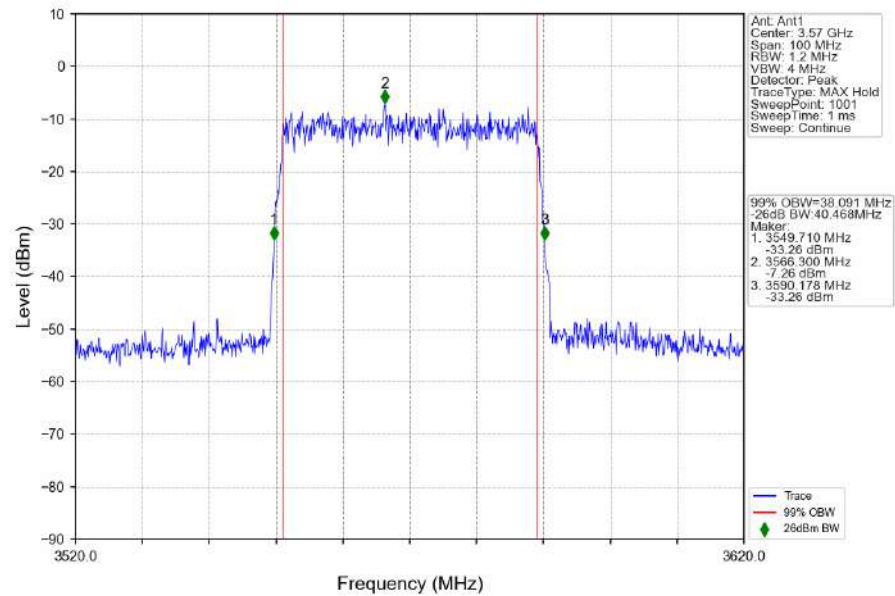
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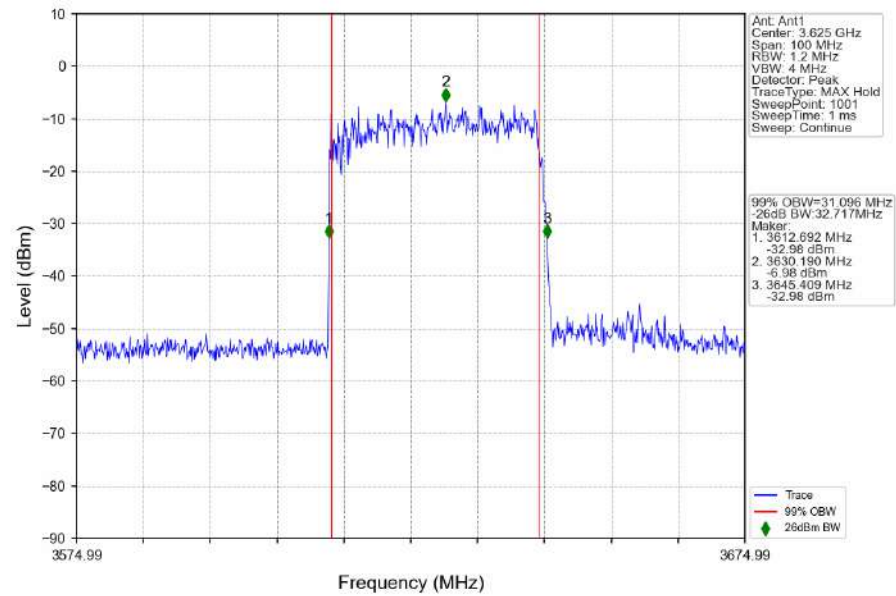
n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_3679.98MHz_Outer_Full



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM_256_QAM_3570MHz_Outer_Full



n48 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3624.99MHz Outer Full



n48 30kHz SISO NTN 40MHz CP-OFDM 256 QAM 3679.98MHz Outer Full

