

APPENDIX – TEST DATA OF CONDUCTED EMISSION

LTE Band 48

1 Maximum power spectral density

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	ANT1		ANT2		Total Conducted power (dBm/1M)	Total EIRP (dBm/1M)
QPSK	3552.5	55265	5	1	0	10.46	Fig.1	10.24	Fig.49	13.36	19.91
				1	12	9.35	Fig.2	9.72	Fig.50	12.55	19.10
				1	24	9.40	Fig.3	9.74	Fig.51	12.58	19.13
				25	0	10.17	Fig.4	9.90	Fig.52	13.05	19.60
	3625	55990		1	0	9.56	Fig.5	10.68	Fig.53	13.17	19.72
				1	12	9.15	Fig.6	9.77	Fig.54	12.48	19.03
				1	24	9.66	Fig.7	9.86	Fig.55	12.77	19.32
				25	0	8.82	Fig.8	9.84	Fig.56	12.37	18.92
	3697.5	56715		1	0	9.71	Fig.9	10.27	Fig.57	13.01	19.56
				1	12	9.93	Fig.10	10.18	Fig.58	13.07	19.62
				1	24	9.55	Fig.11	9.83	Fig.59	12.70	19.25
				25	0	10.24	Fig.12	10.24	Fig.60	13.25	19.80
QPSK	3555	55290	10	1	0	9.84	Fig.13	9.69	Fig.61	12.78	19.33
				1	24	9.17	Fig.14	9.36	Fig.62	12.28	18.83
				1	49	9.10	Fig.15	9.75	Fig.63	12.45	19.00
				50	0	10.50	Fig.16	10.18	Fig.64	13.35	19.90
	3625	55990		1	0	9.25	Fig.17	10.47	Fig.65	12.91	19.46
				1	24	10.46	Fig.18	9.28	Fig.66	12.92	19.47
				1	49	9.70	Fig.19	9.55	Fig.67	12.64	19.19
				50	0	9.39	Fig.20	10.70	Fig.68	13.10	19.65
	3695	56690		1	0	9.17	Fig.21	10.03	Fig.69	12.63	19.18
				1	24	10.21	Fig.22	10.52	Fig.70	13.38	19.93
				1	49	9.73	Fig.23	9.98	Fig.71	12.87	19.42
				50	0	10.26	Fig.24	10.51	Fig.72	13.40	19.95
QPSK	3557.5	55315	15	1	0	9.68	Fig.25	9.15	Fig.73	12.43	18.98
				1	38	9.62	Fig.26	10.31	Fig.74	12.99	19.54
				1	74	9.33	Fig.27	9.25	Fig.75	12.30	18.85
				75	0	9.26	Fig.28	9.51	Fig.76	12.40	18.95
	3625	55990		1	0	9.81	Fig.29	10.53	Fig.77	13.20	19.75
				1	38	10.22	Fig.30	10.49	Fig.78	13.37	19.92
				1	74	9.42	Fig.31	10.16	Fig.79	12.82	19.37
				75	0	10.29	Fig.32	10.35	Fig.80	13.33	19.88
	3692.5	56665		1	0	9.47	Fig.33	10.26	Fig.81	12.89	19.44
				1	38	10.11	Fig.34	10.23	Fig.82	13.18	19.73
				1	74	9.49	Fig.35	9.71	Fig.83	12.61	19.16

				75	0	10.12	Fig.36	10.51	Fig.84	13.33	19.88
QPSK	3560	55340	20	1	0	10.31	Fig.37	9.63	Fig.85	12.99	19.54
				1	49	10.53	Fig.38	10.06	Fig.86	13.31	19.86
				1	99	9.47	Fig.39	9.52	Fig.87	12.51	19.06
				100	0	9.60	Fig.40	9.48	Fig.88	12.55	19.10
	3625	55990		1	0	9.51	Fig.41	10.76	Fig.89	13.19	19.74
				1	49	9.97	Fig.42	10.48	Fig.90	13.24	19.79
				1	99	10.17	Fig.43	10.06	Fig.91	13.13	19.68
				100	0	9.35	Fig.44	10.26	Fig.92	12.84	19.39
	3690	56640		1	0	10.22	Fig.45	9.93	Fig.93	13.09	19.64
				1	49	10.30	Fig.46	10.56	Fig.94	13.44	19.99
				1	99	9.63	Fig.47	9.49	Fig.95	12.57	19.12
				100	0	8.85	Fig.48	9.50	Fig.96	12.20	18.75

Test Graphs

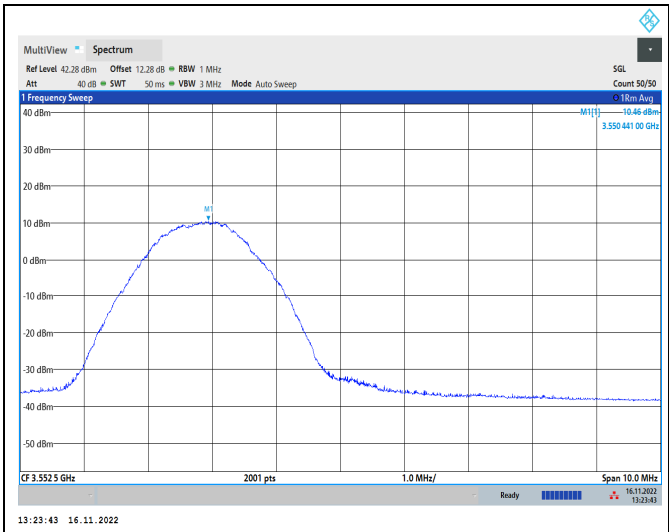


Fig.1

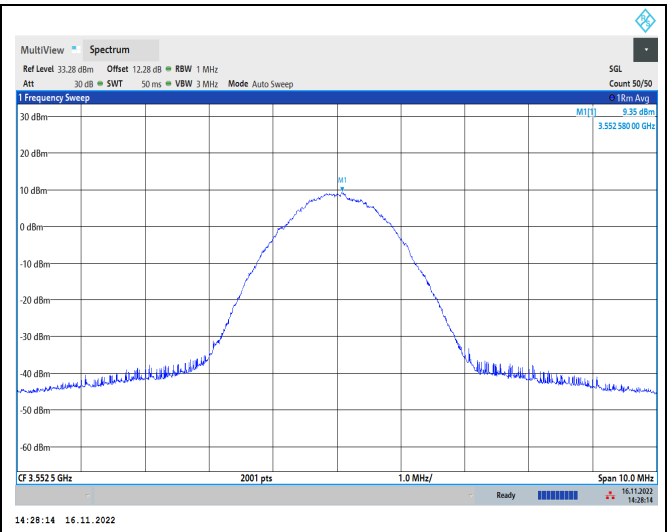


Fig.2

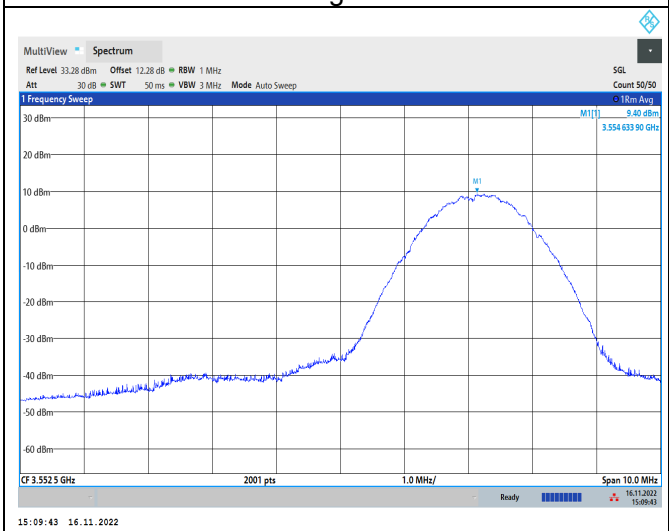


Fig.3

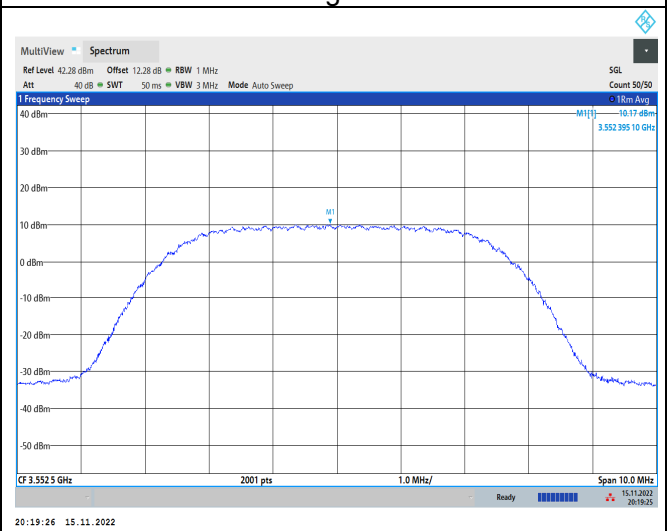


Fig.4

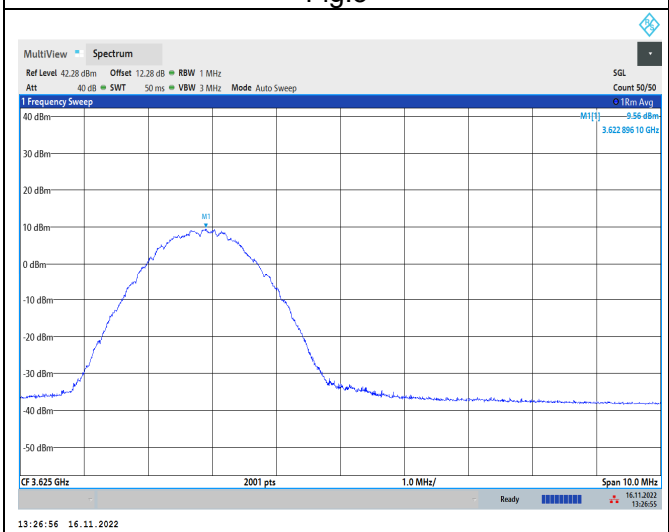


Fig.5

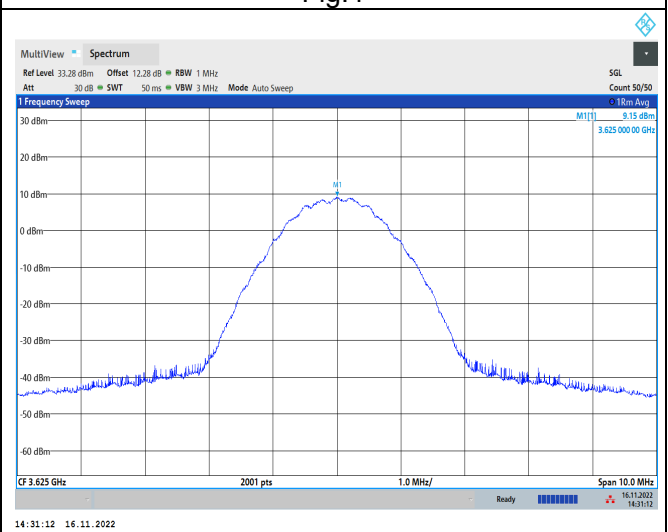


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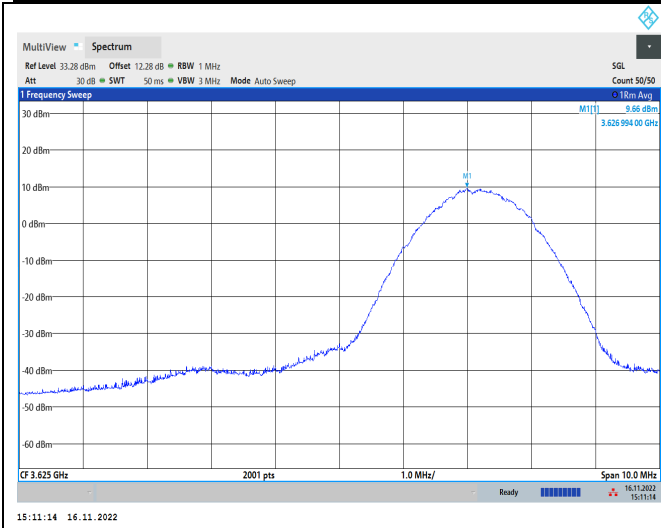


Fig.7

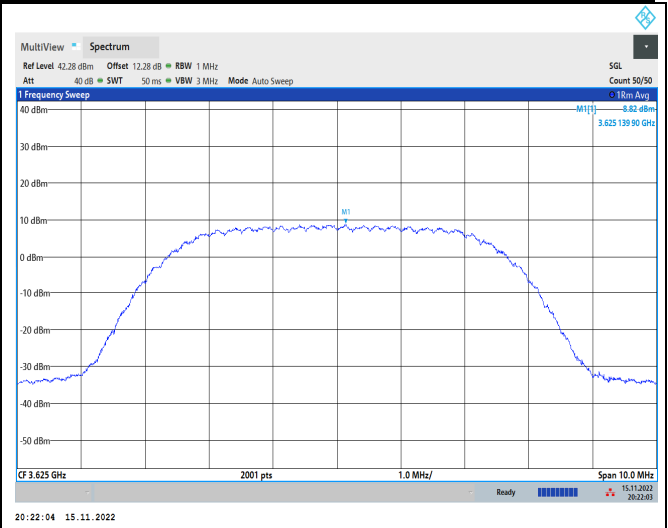


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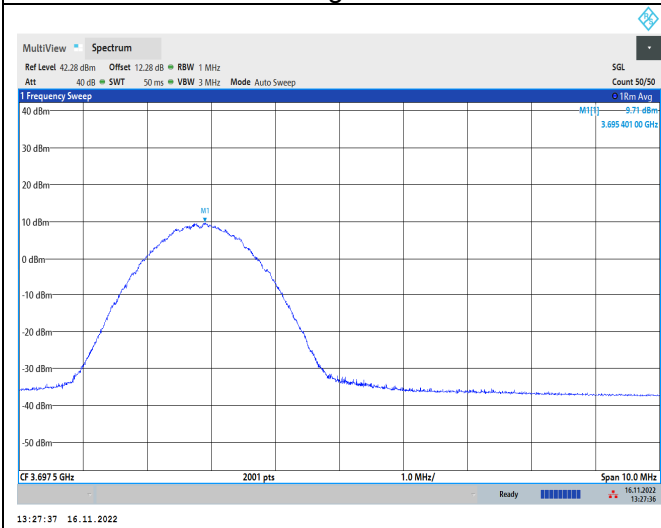


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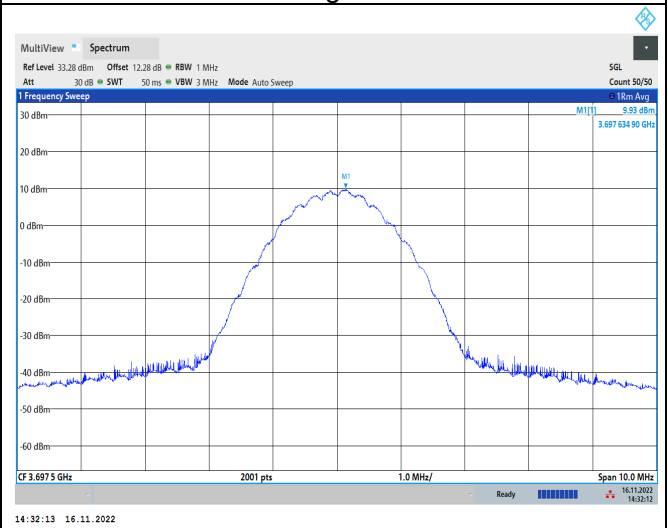


Fig.10

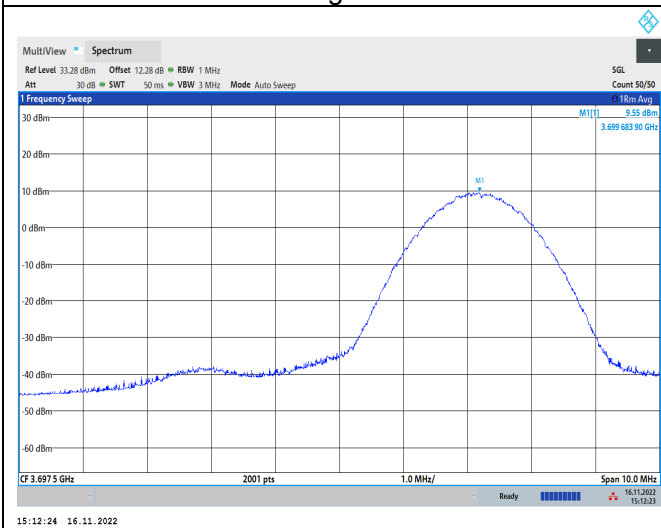


Fig.11

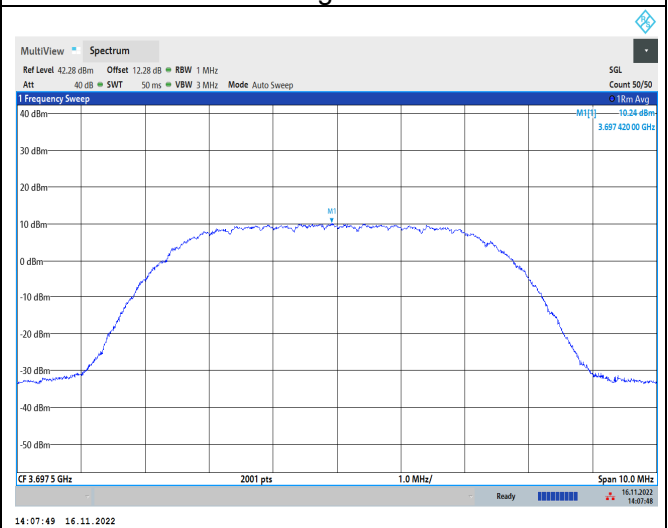


Fig.12

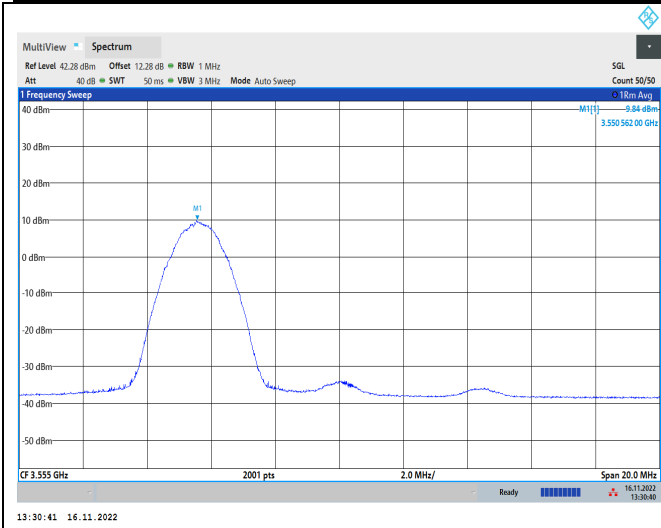


Fig. 13

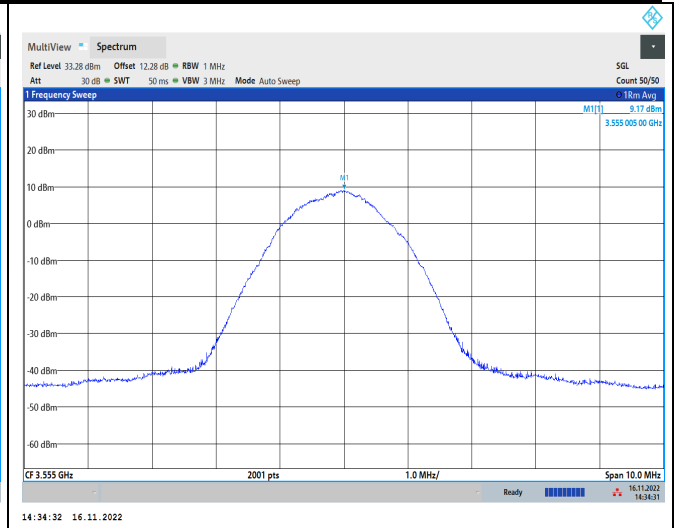


Fig. 14

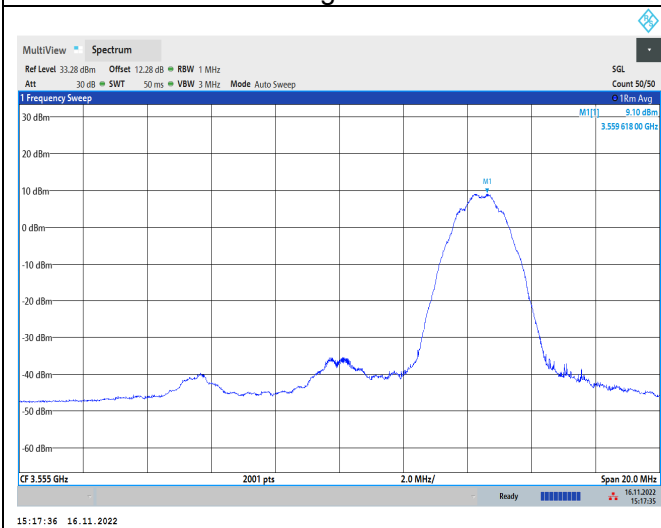


Fig. 15

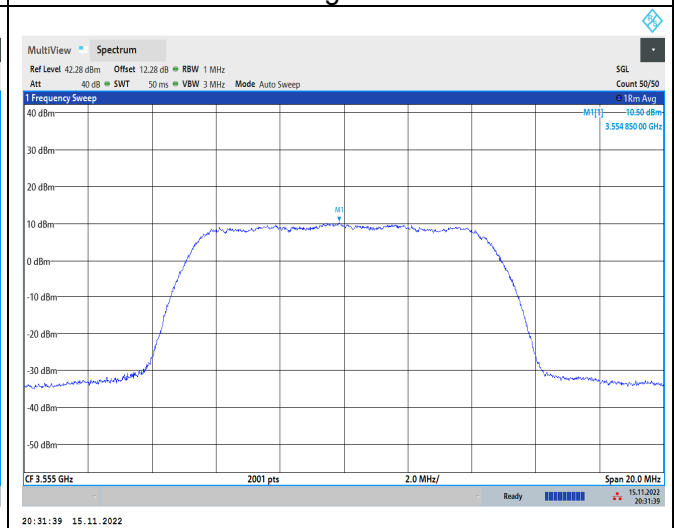


Fig. 16

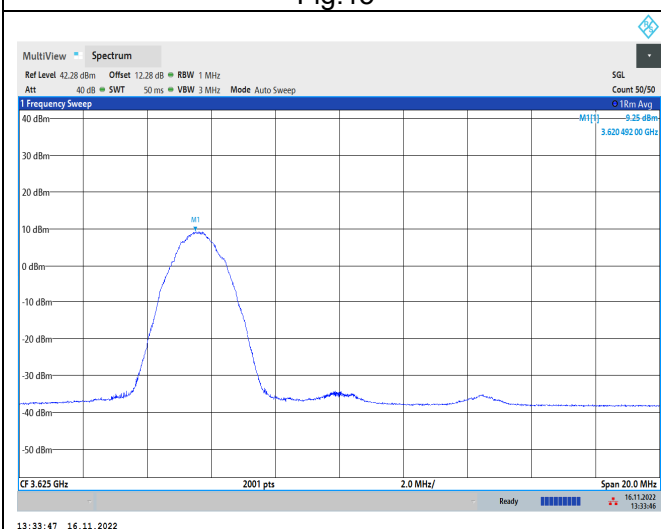


Fig. 17

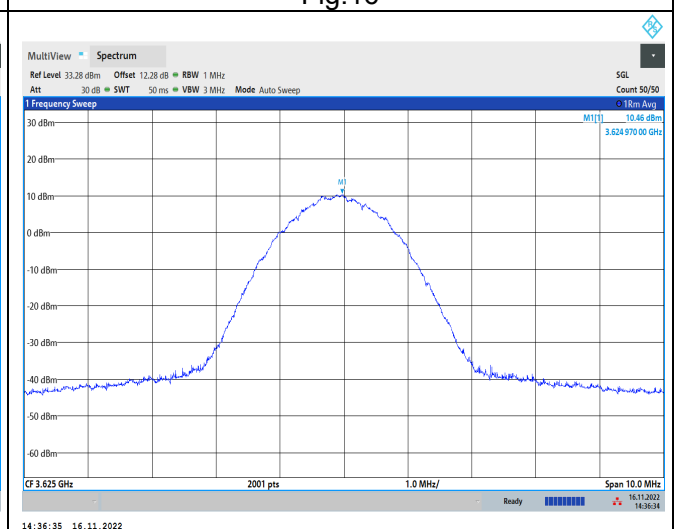


Fig. 18

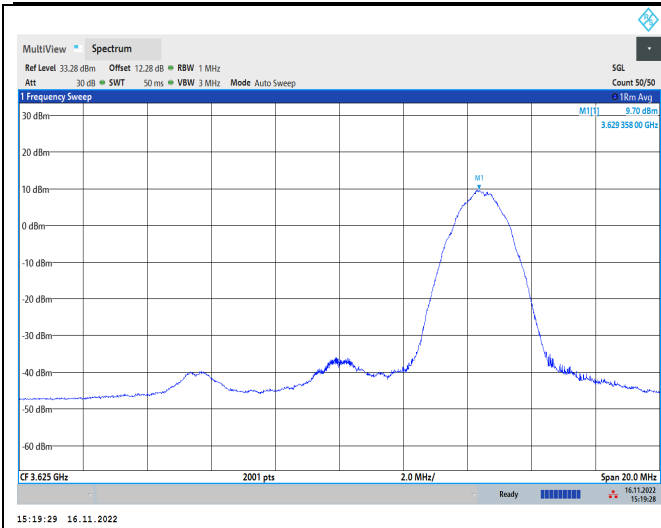


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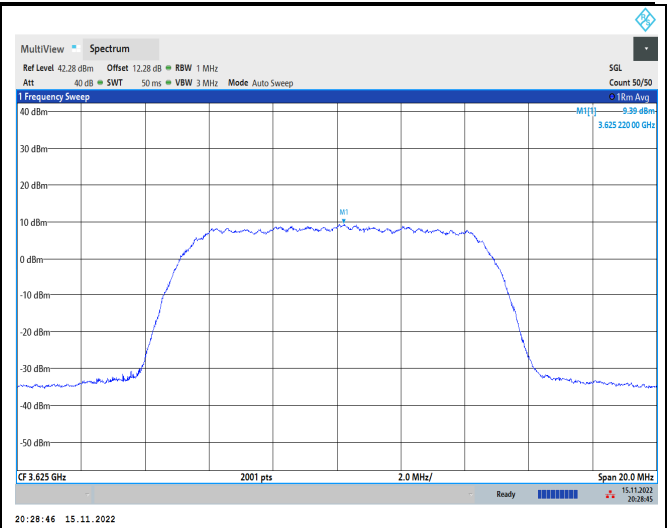


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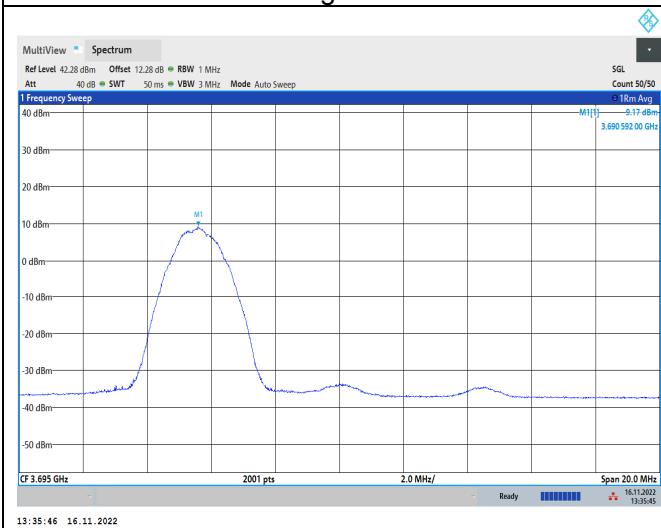


Fig.21

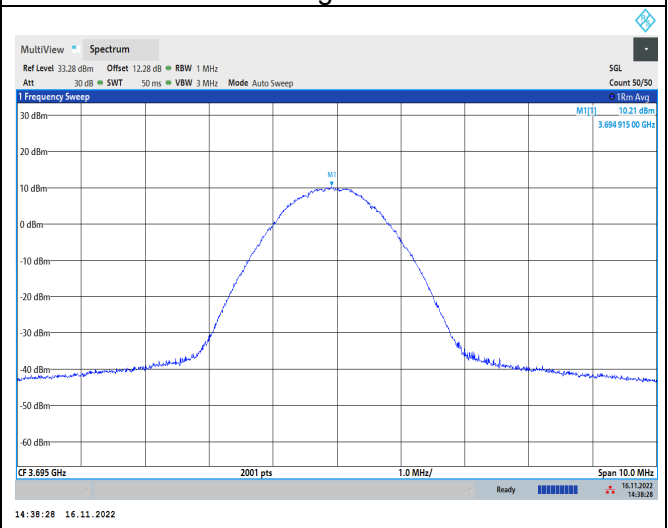


Fig.22

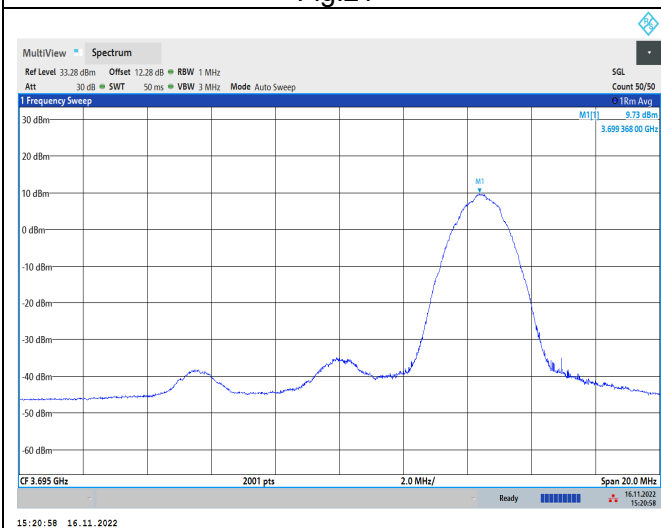


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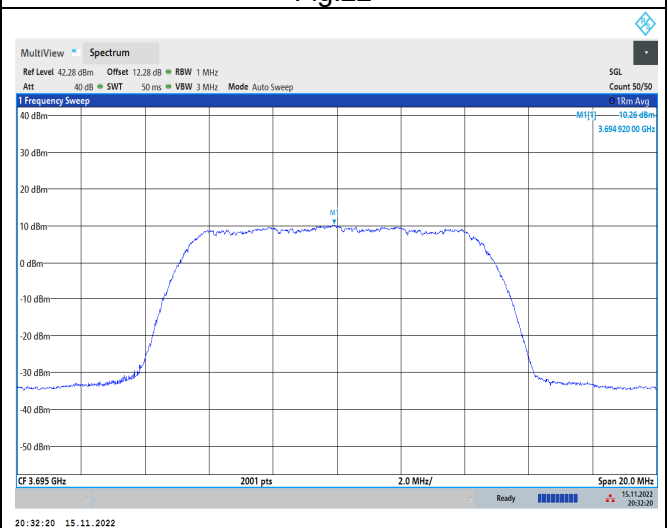


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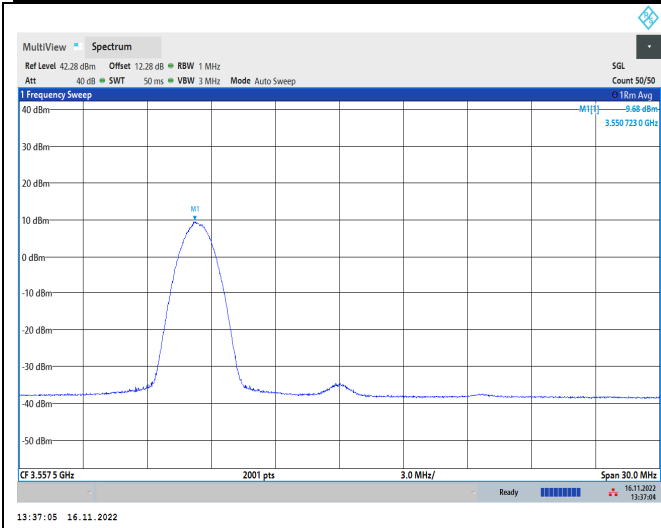


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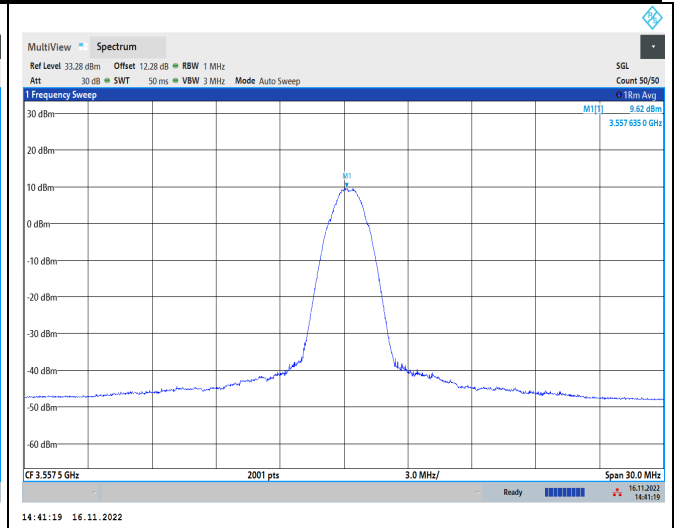


Fig.26

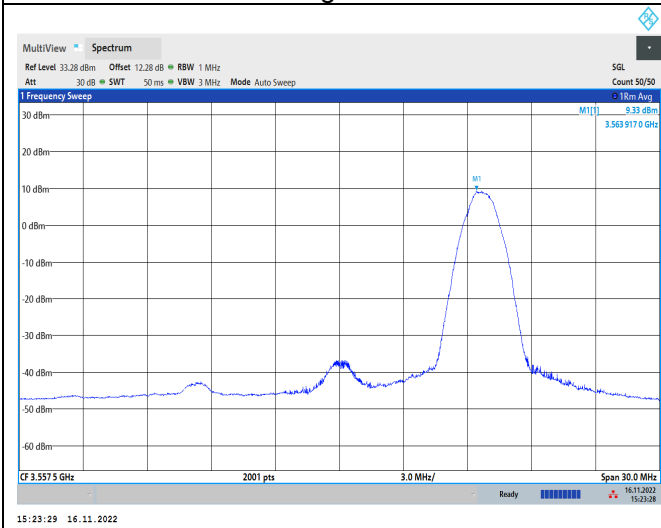


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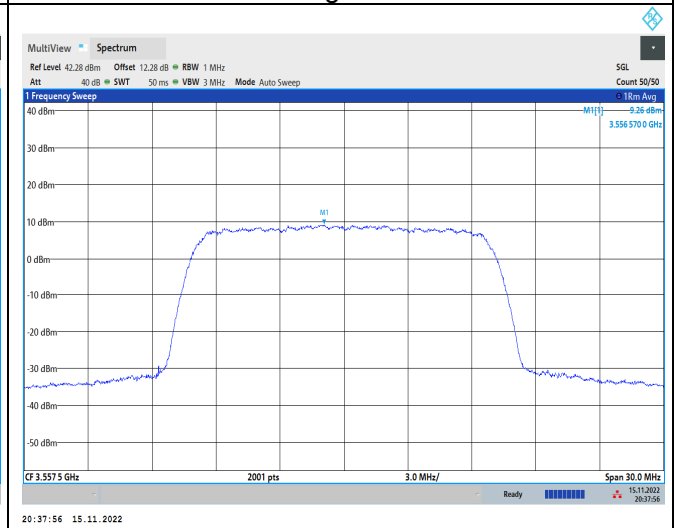


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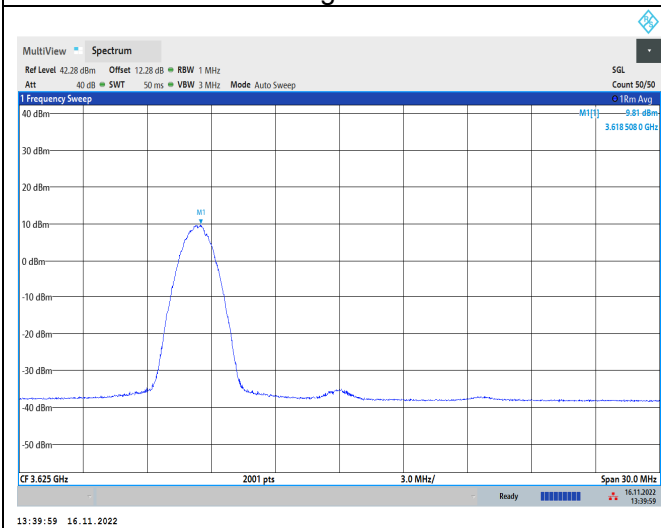


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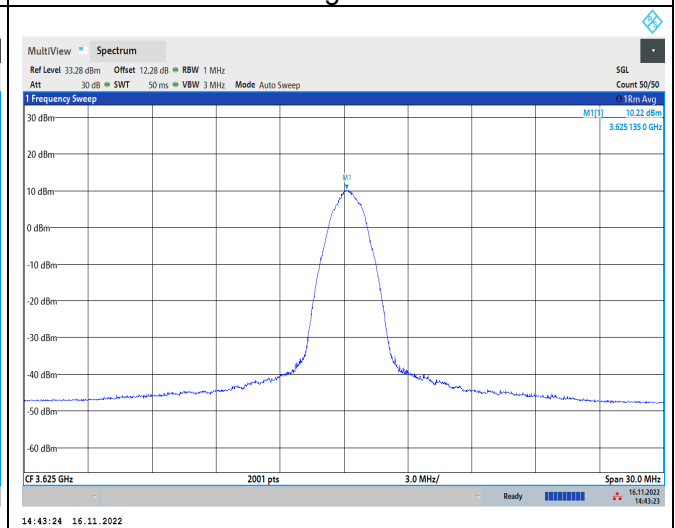


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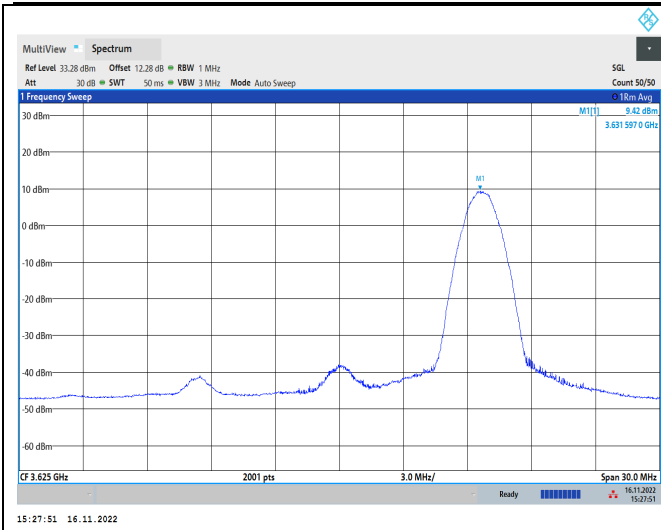


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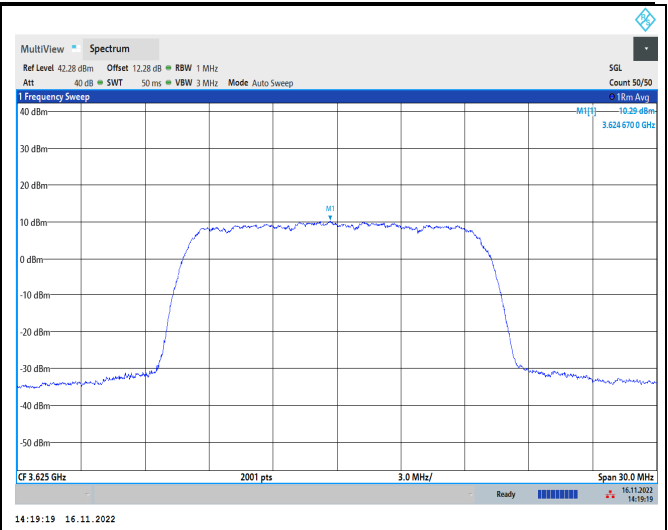


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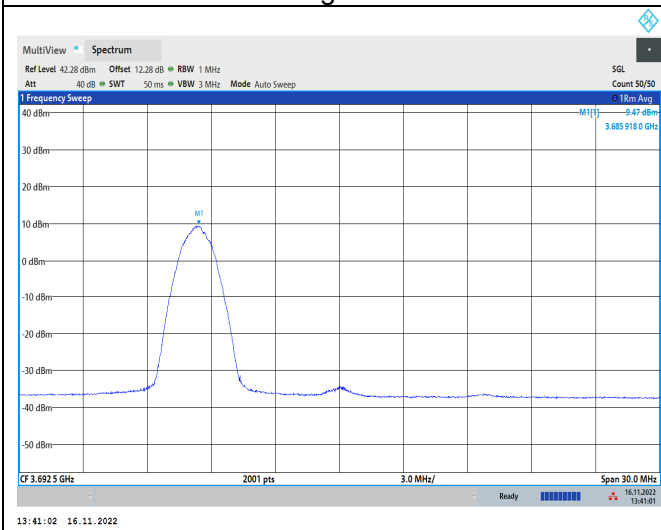


Fig.33

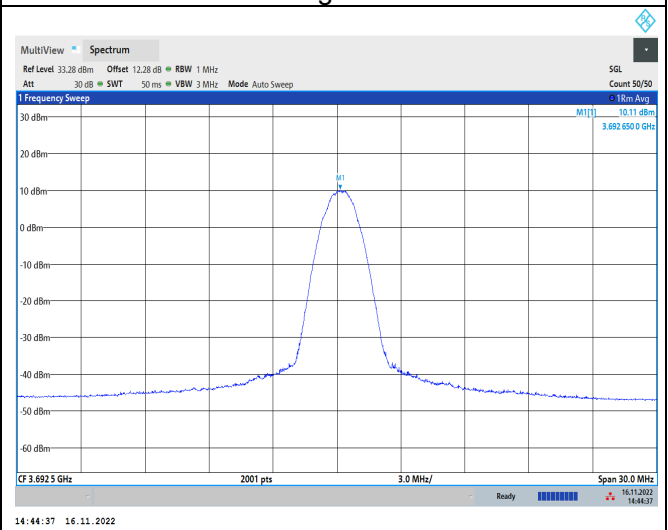


Fig.34

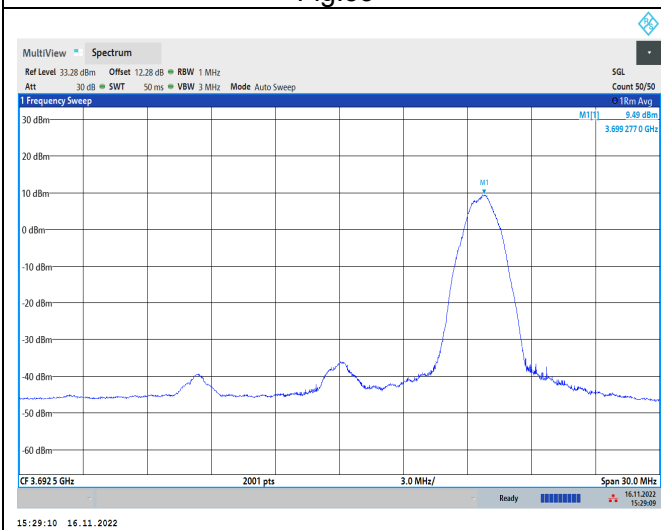


Fig.35

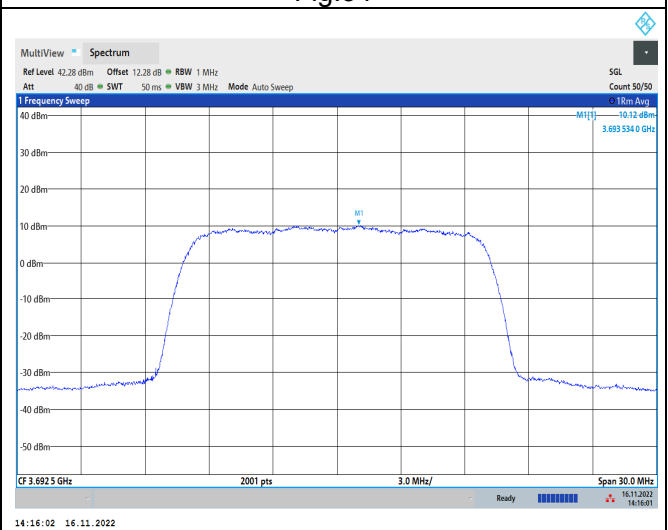


Fig.36

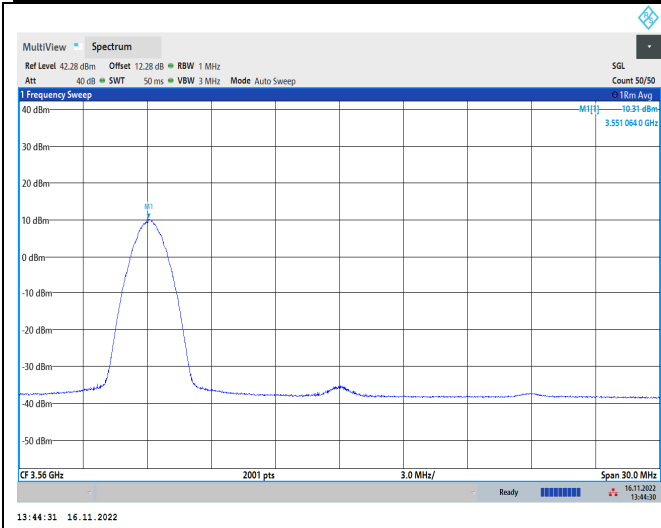


Fig.37

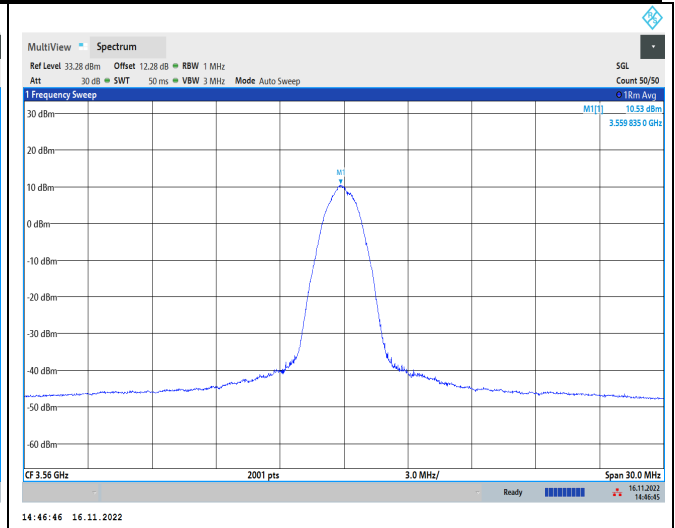


Fig.38

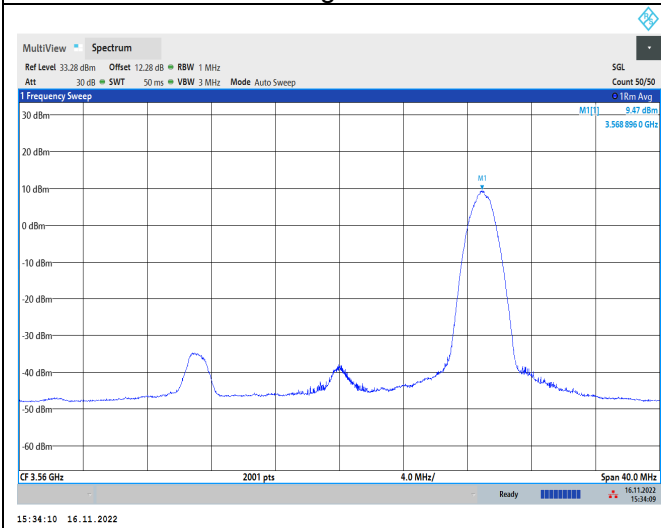


Fig.39

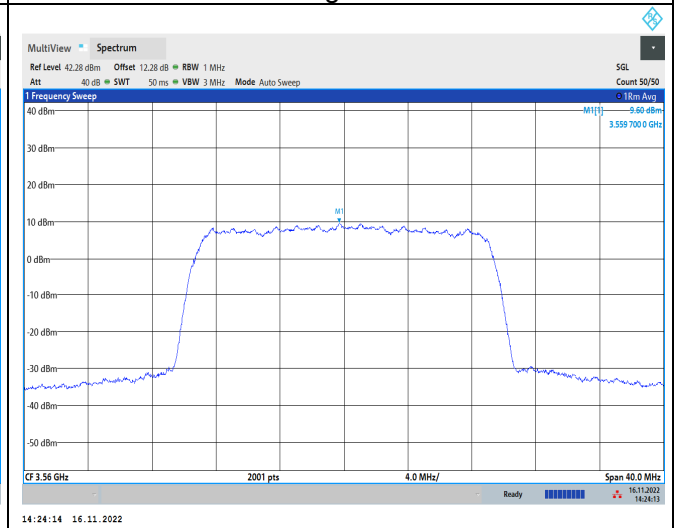


Fig.40

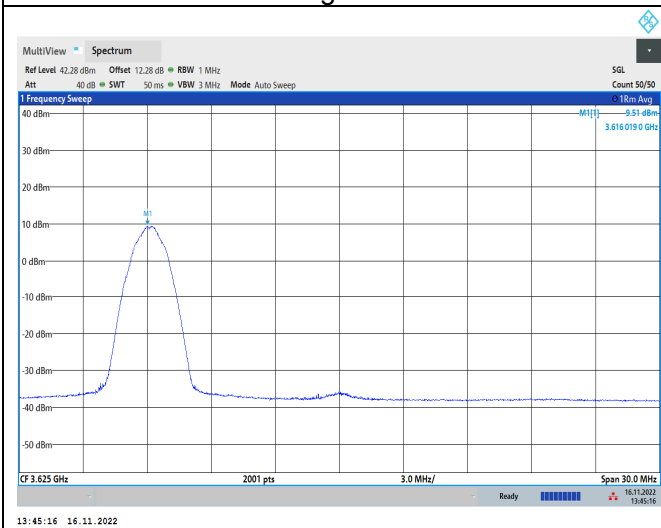


Fig.41

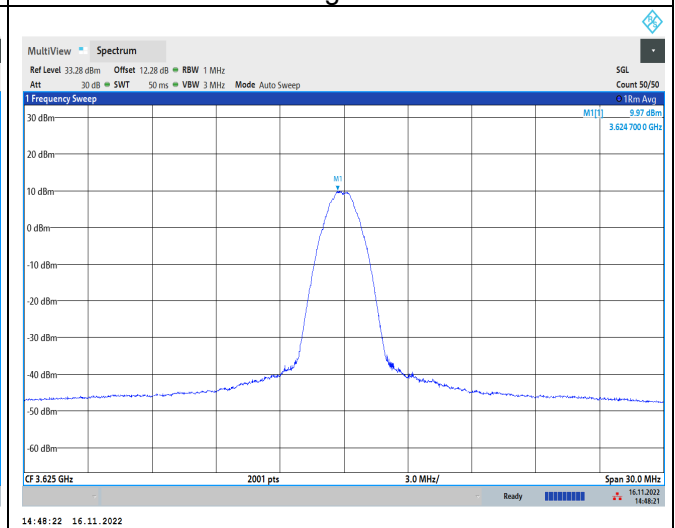


Fig.42

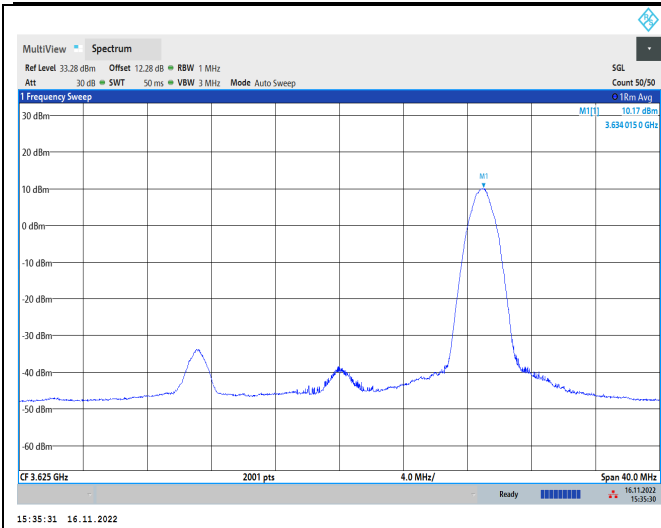


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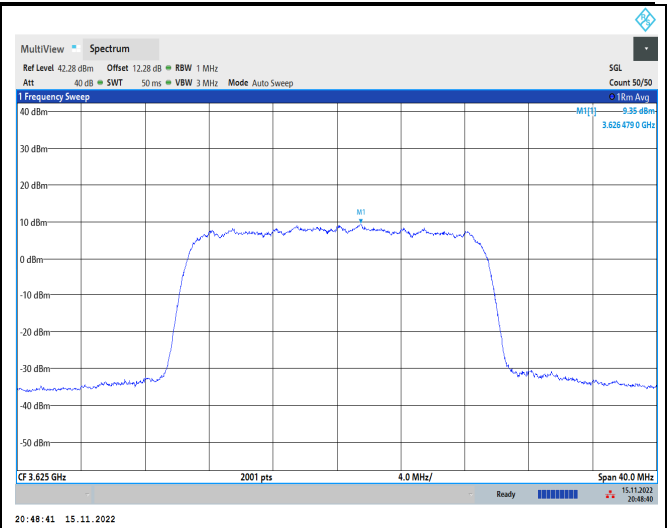


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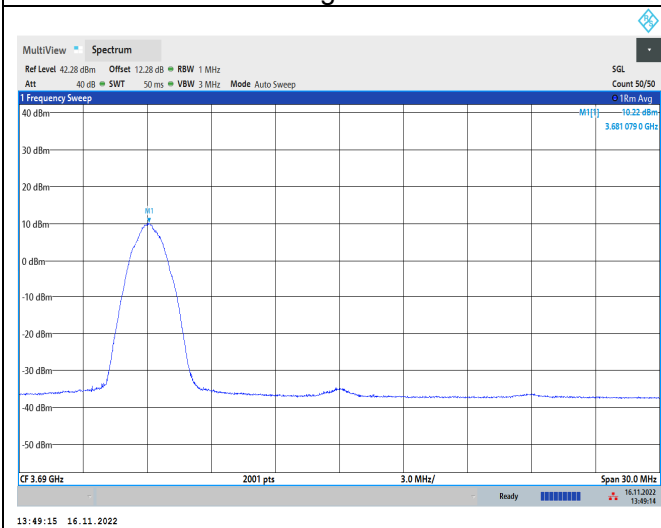


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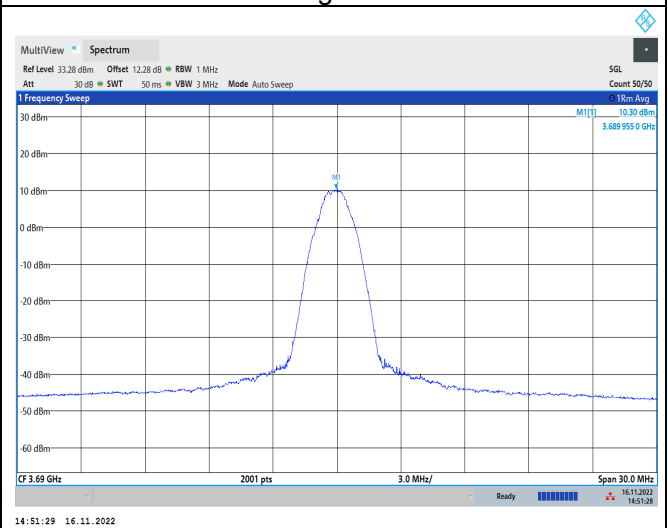


Fig.46

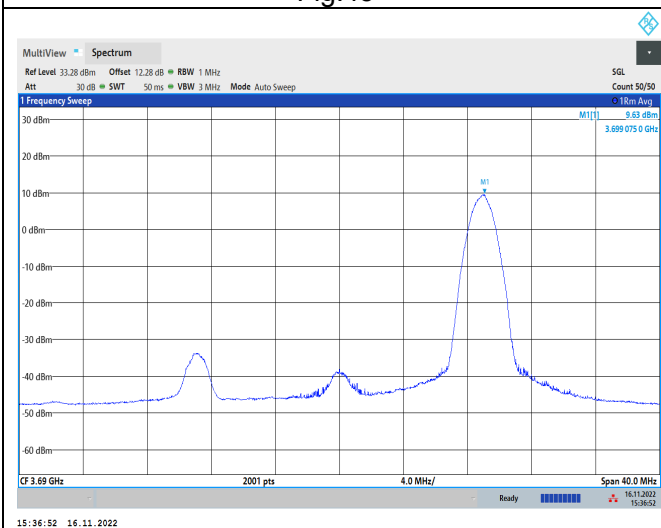


Fig.47

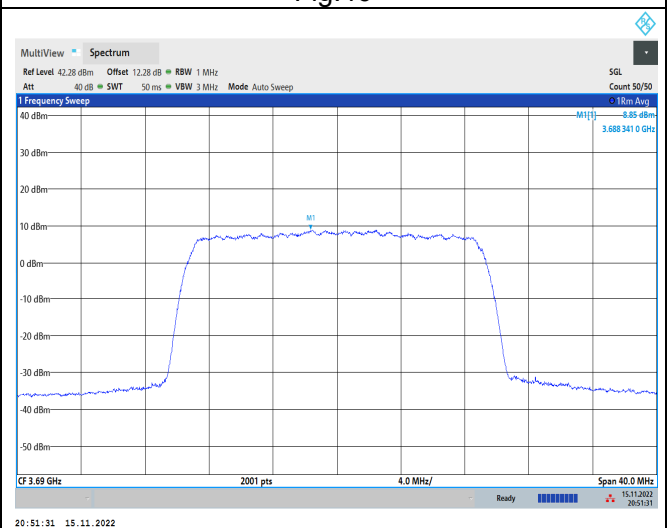


Fig.48

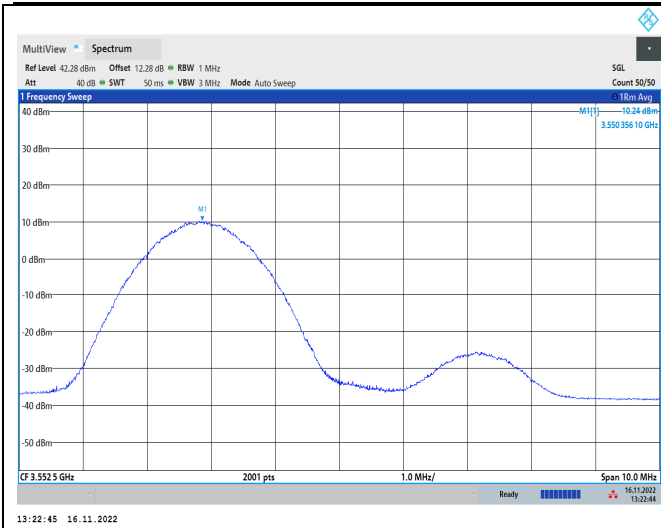


Fig.49

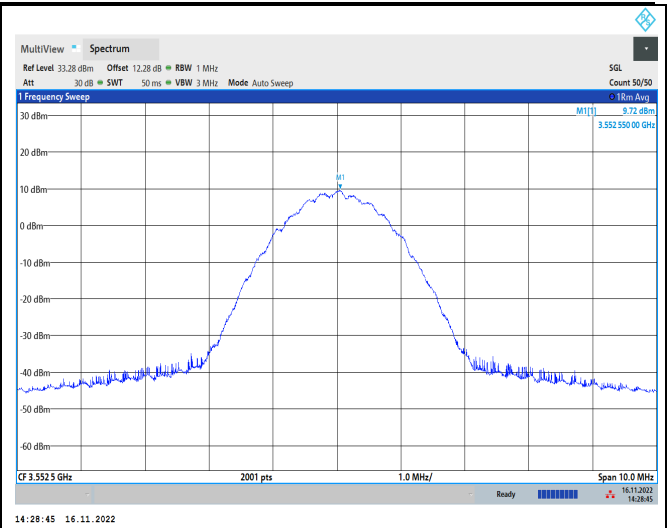


Fig.50

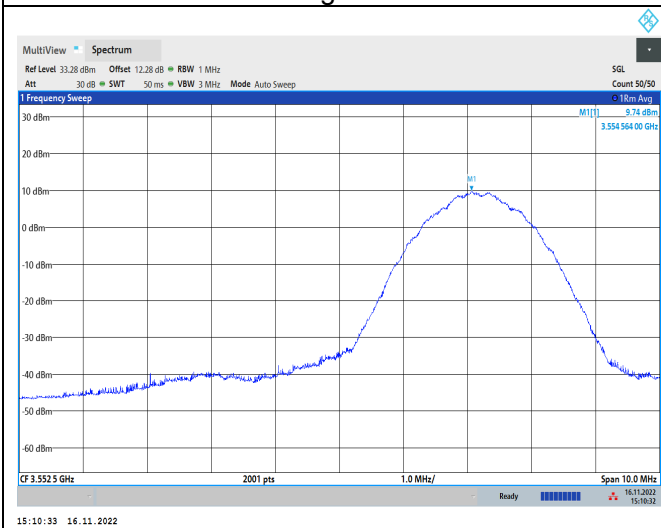


Fig.51

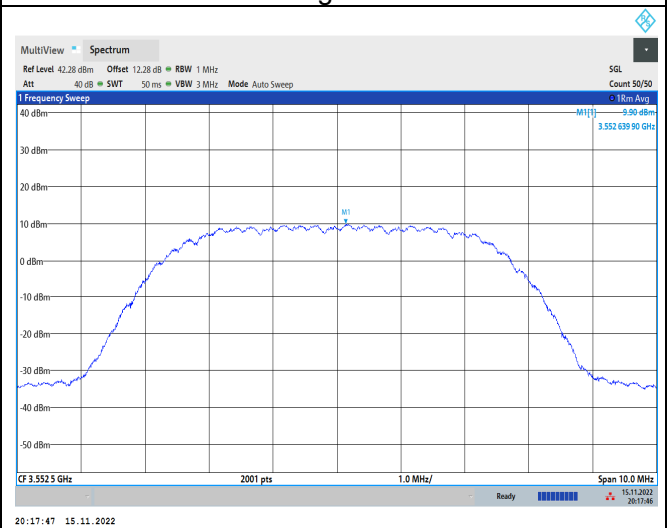


Fig.52

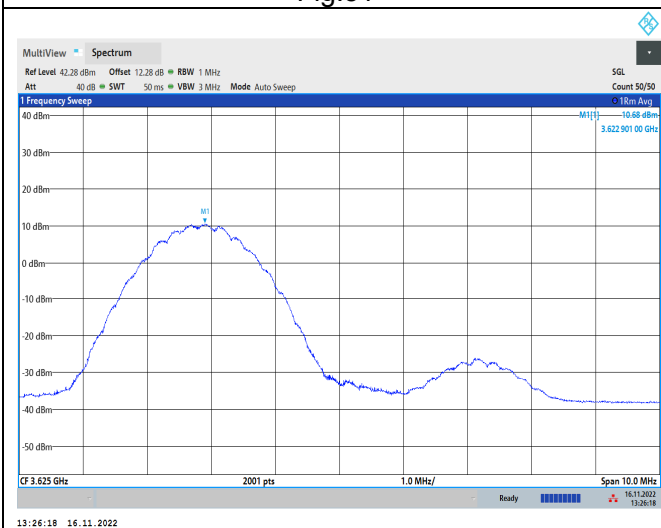


Fig.53

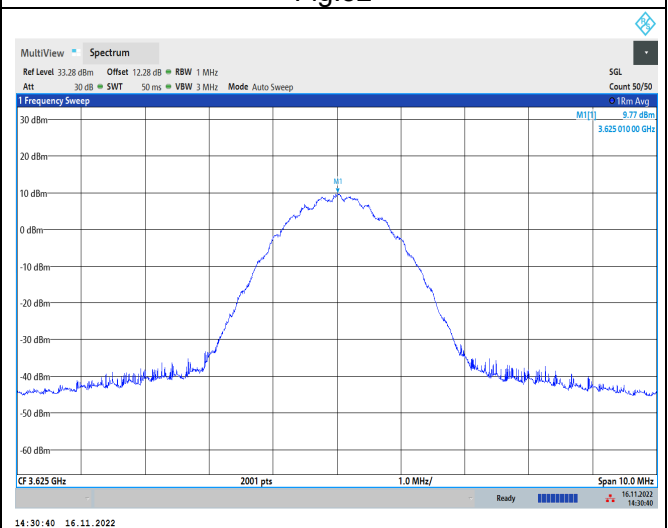


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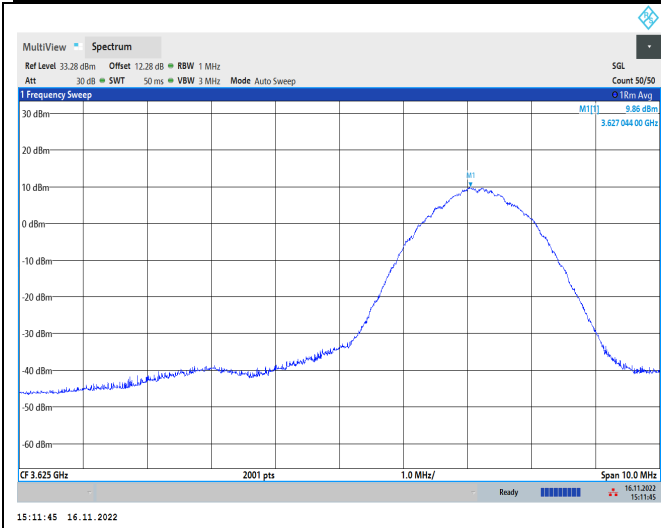


Fig.55

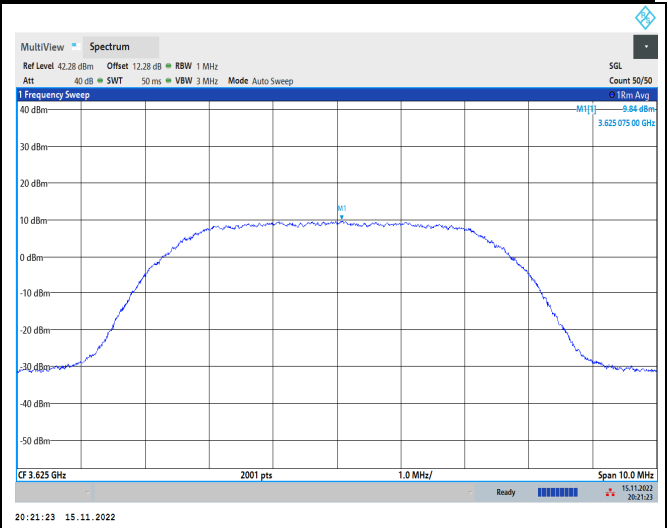


Fig.56

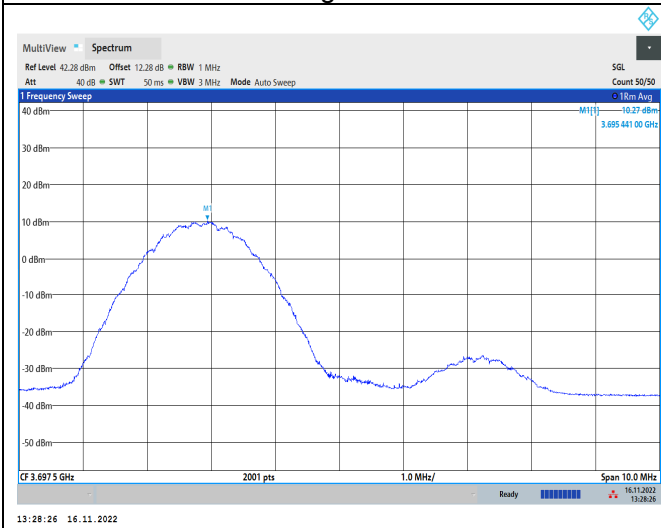


Fig.57

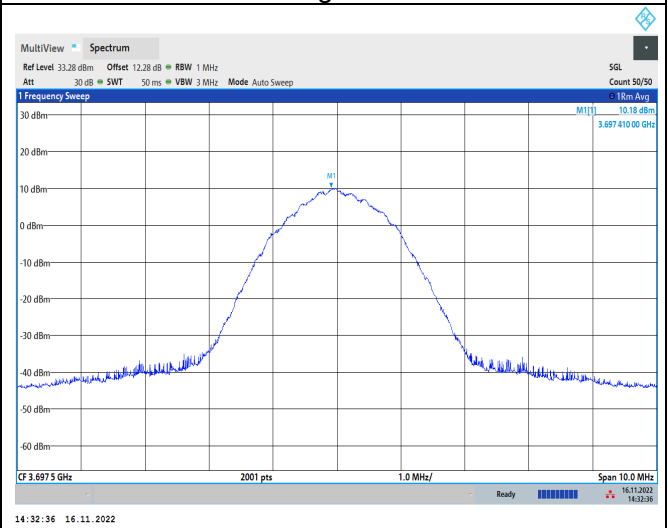


Fig.58

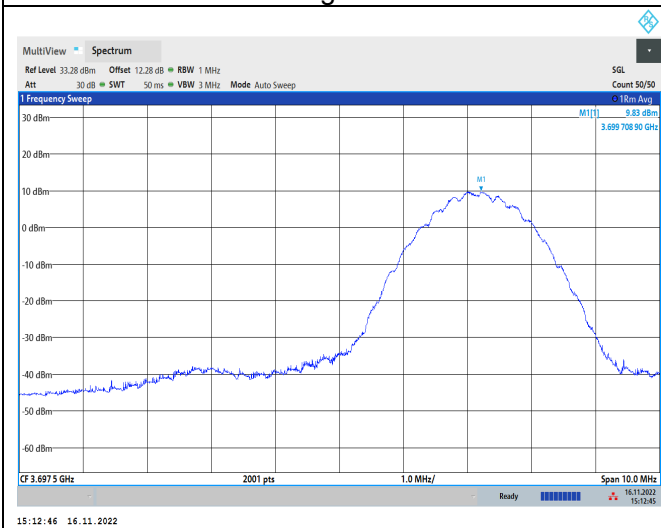


Fig.59

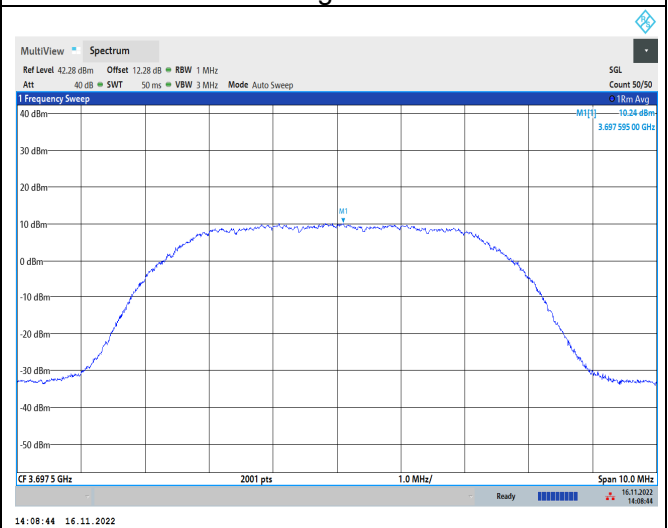


Fig.60

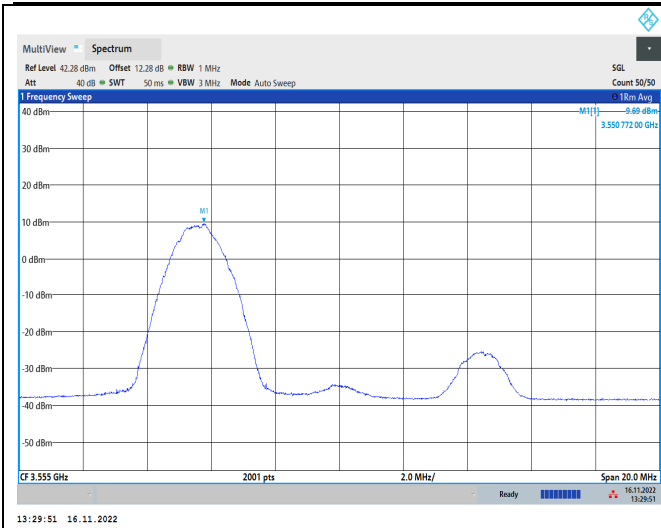


Fig.61

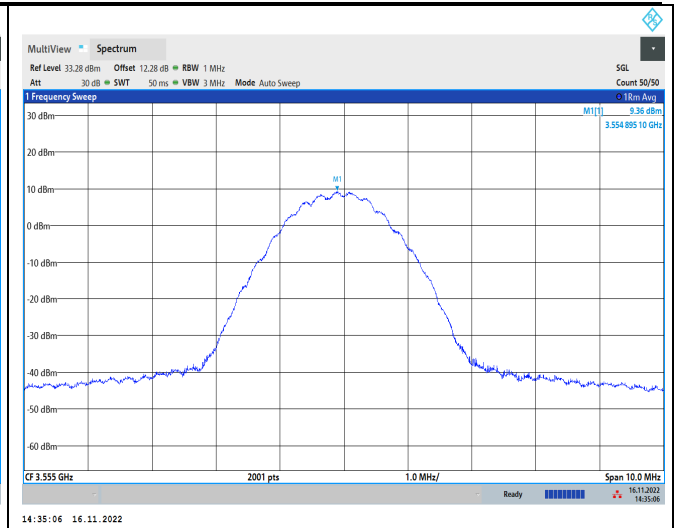


Fig.62

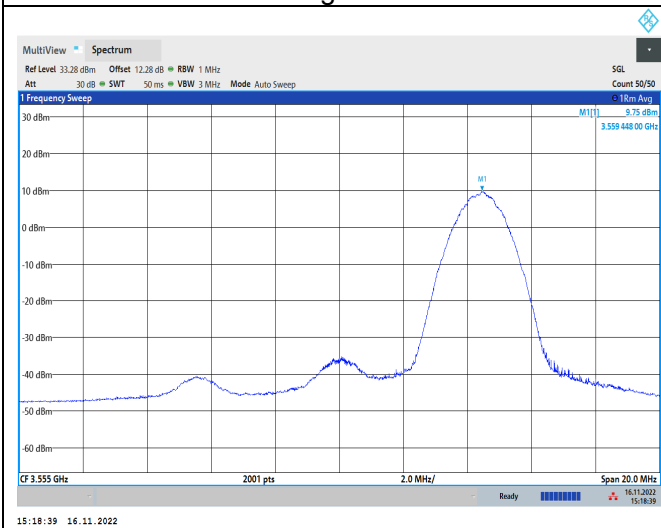


Fig.63

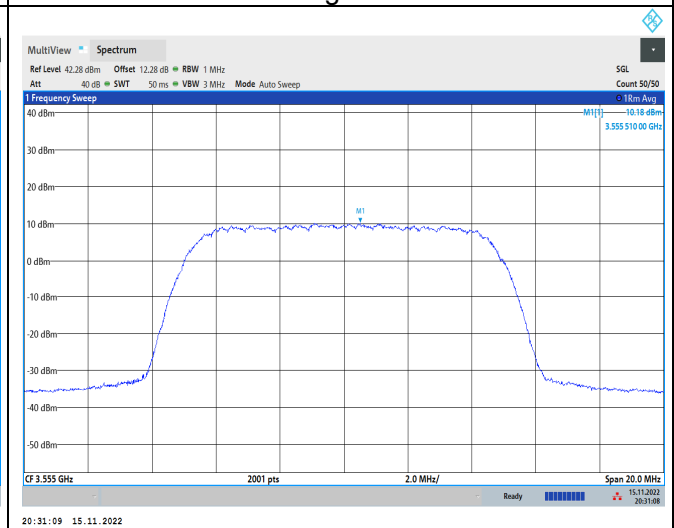


Fig.64

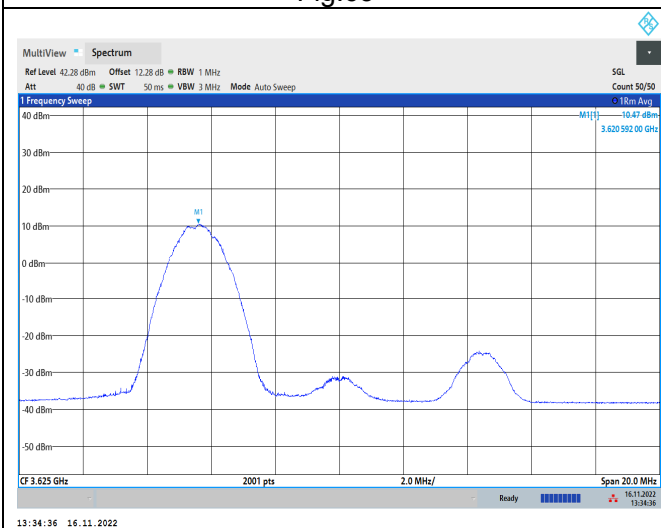


Fig.65

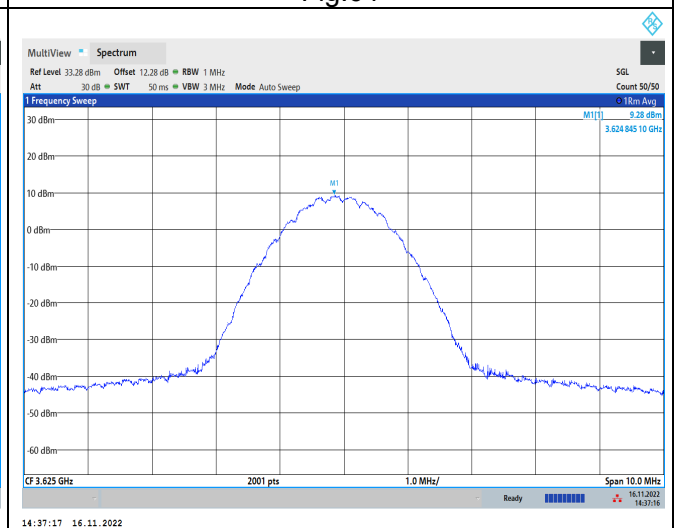


Fig.66

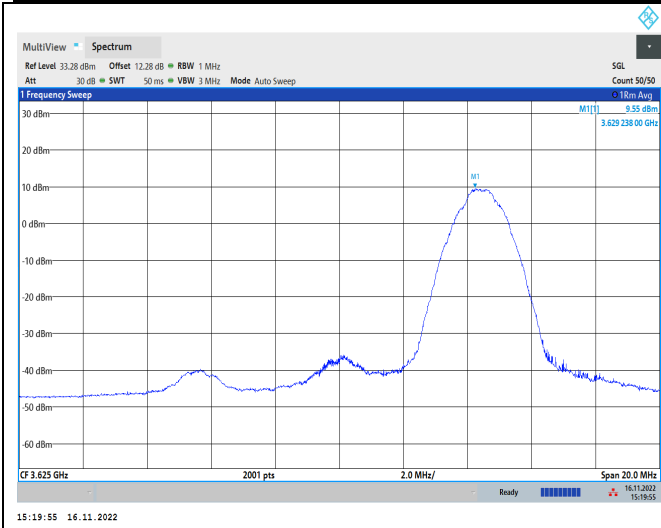


Fig.67

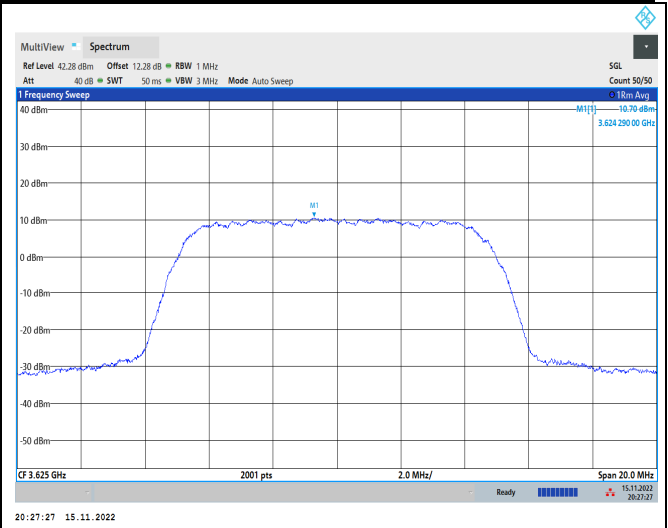


Fig.68

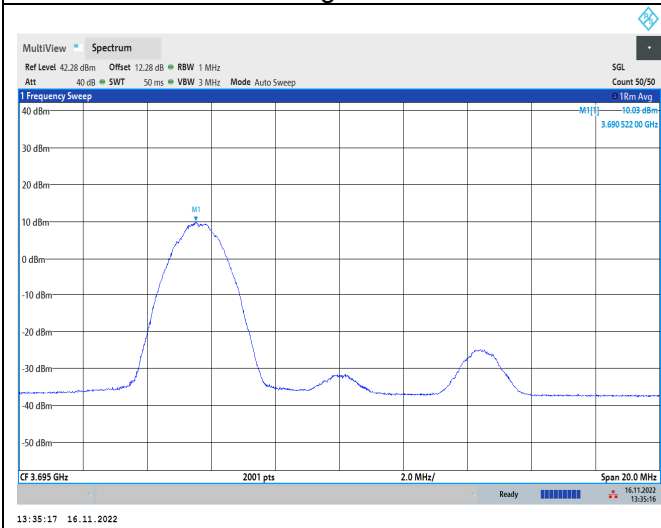


Fig.69

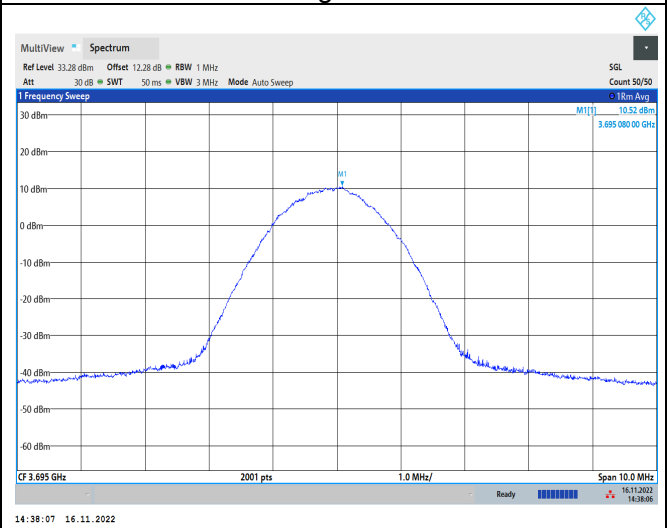


Fig.70

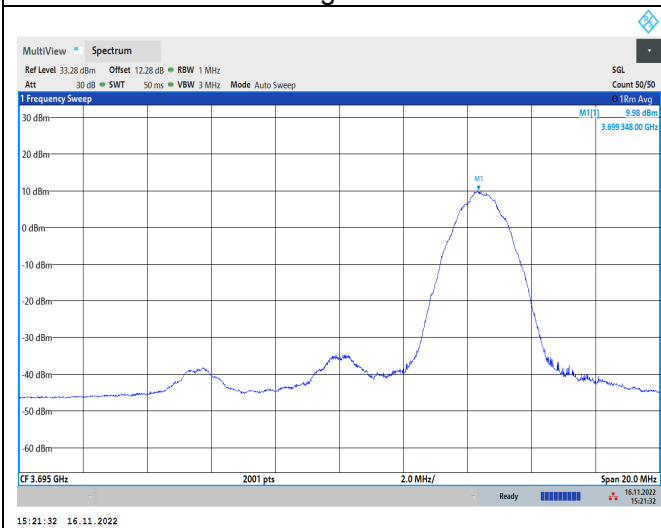


Fig.71

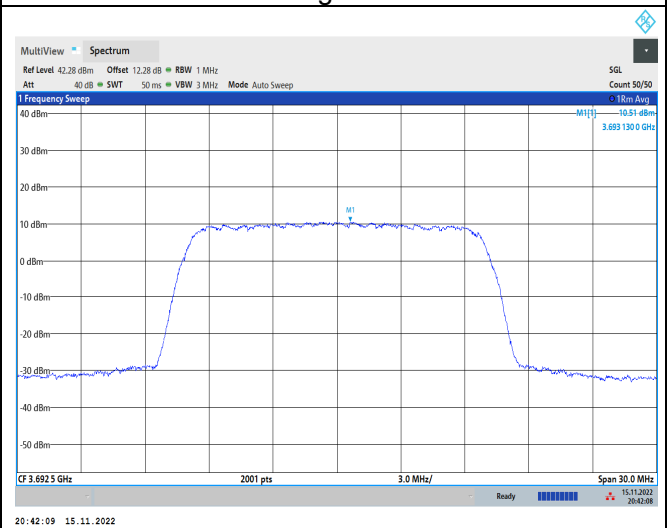


Fig.72

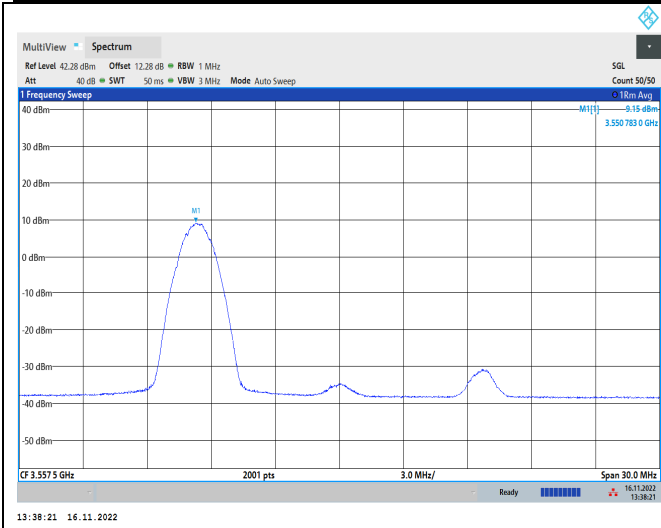


Fig.73

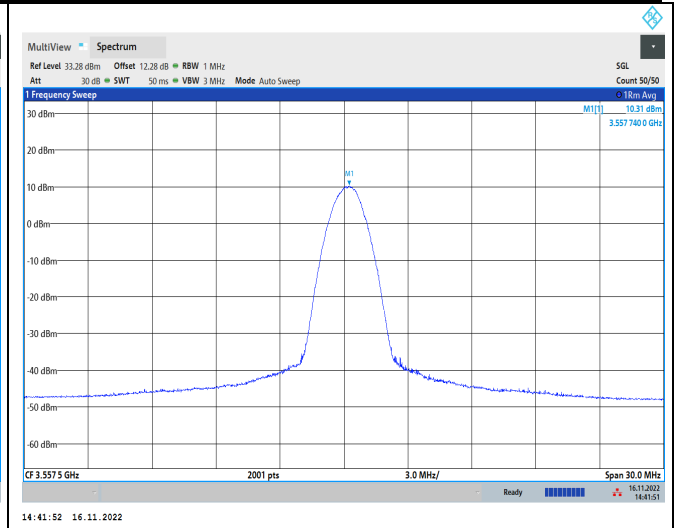


Fig.74

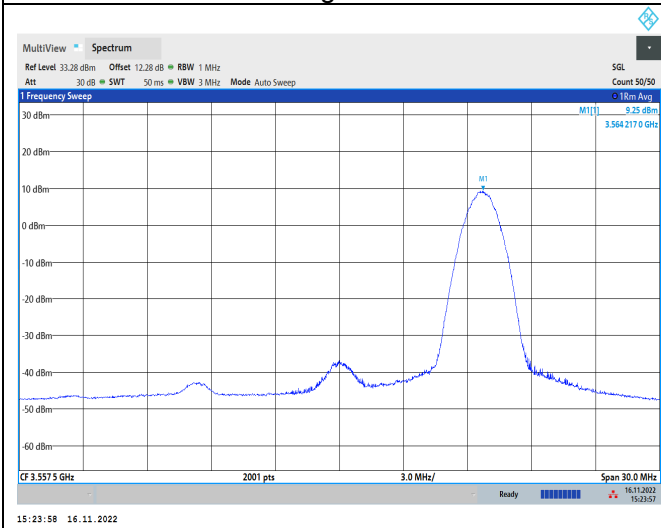


Fig.75

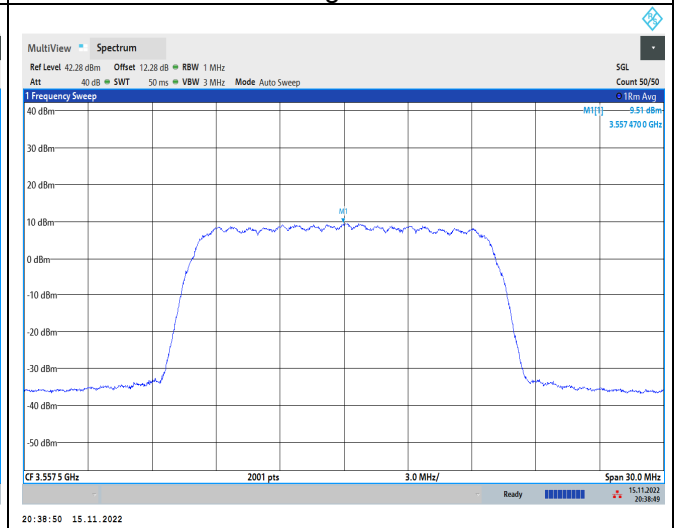


Fig.76

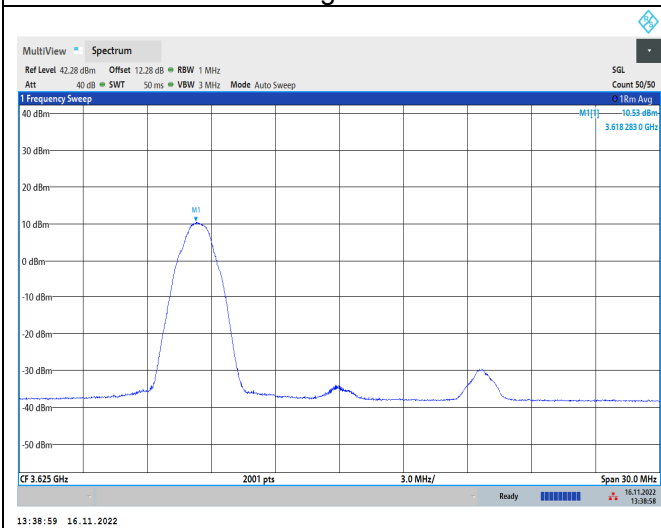


Fig.77

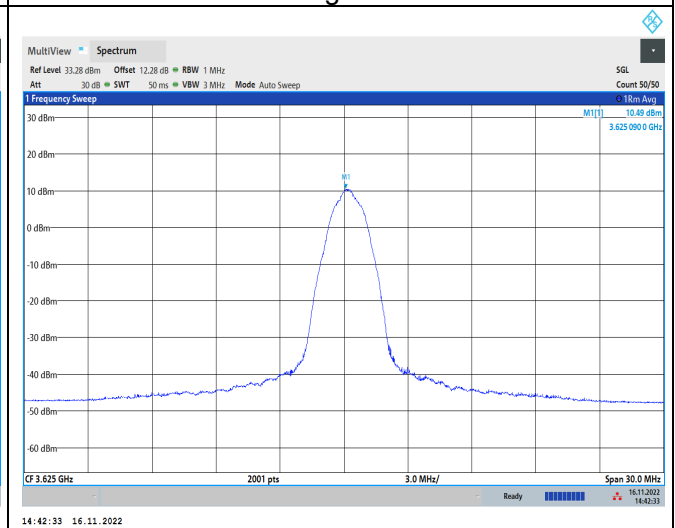


Fig.78

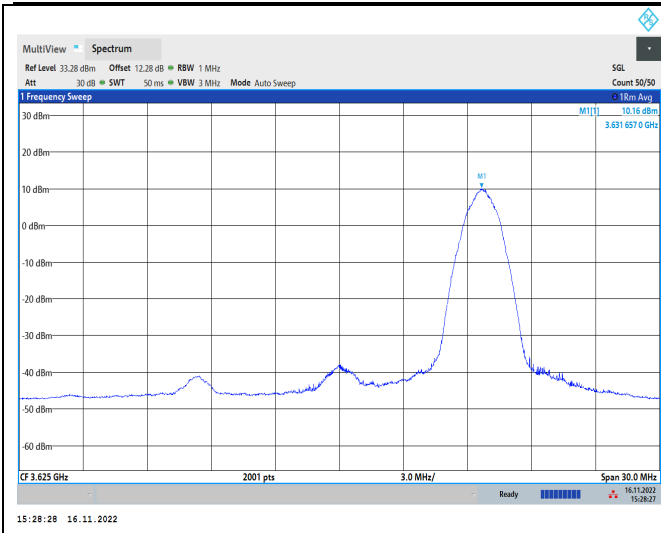


Fig.79

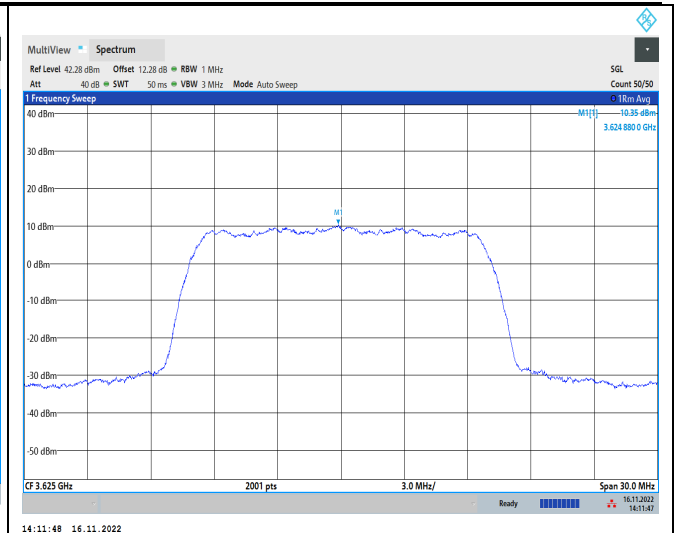


Fig.80

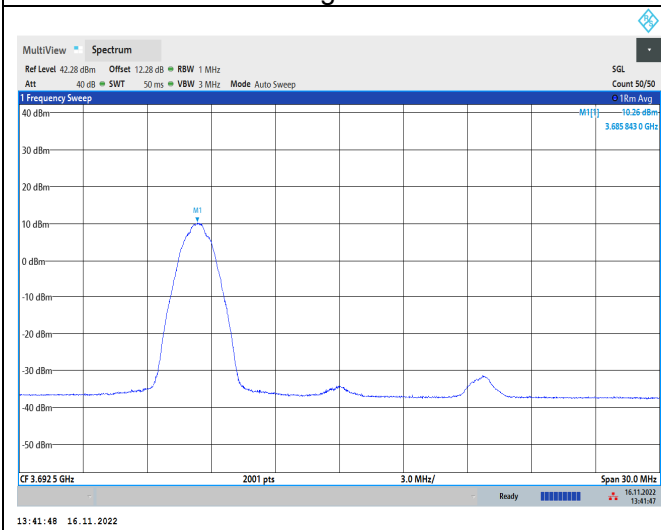


Fig.81

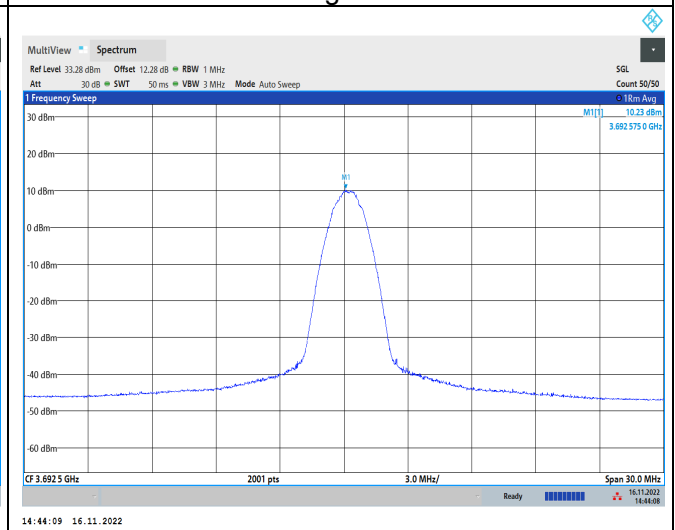


Fig.82

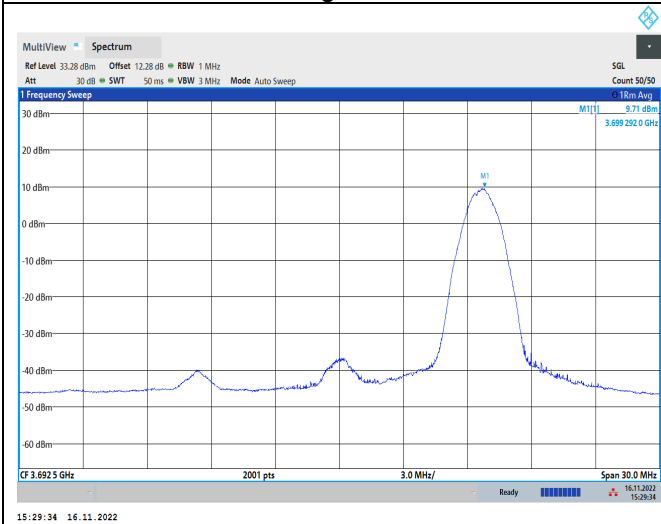


Fig.83

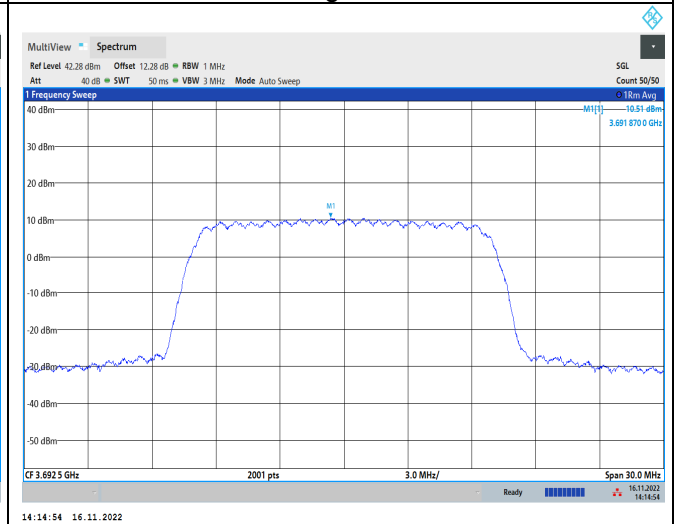


Fig.84

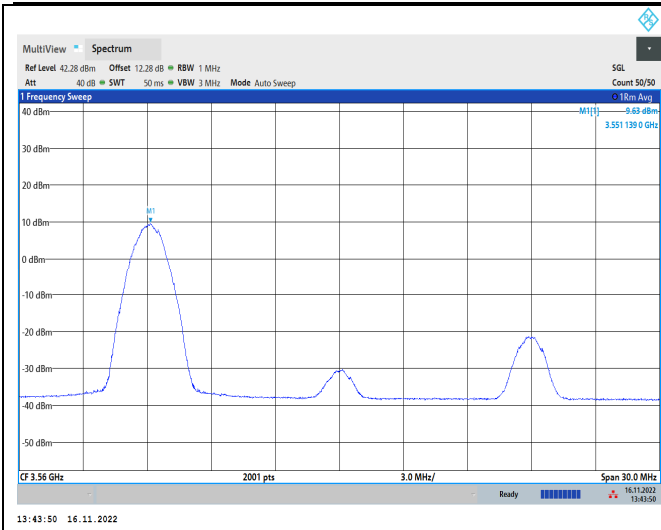


Fig.85

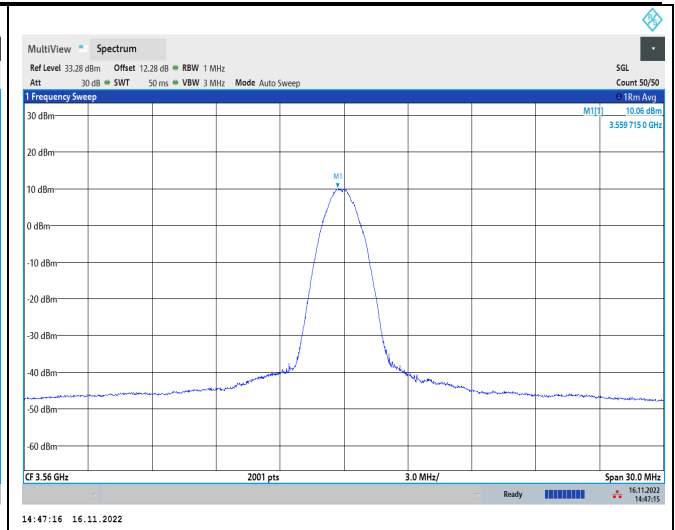


Fig.86

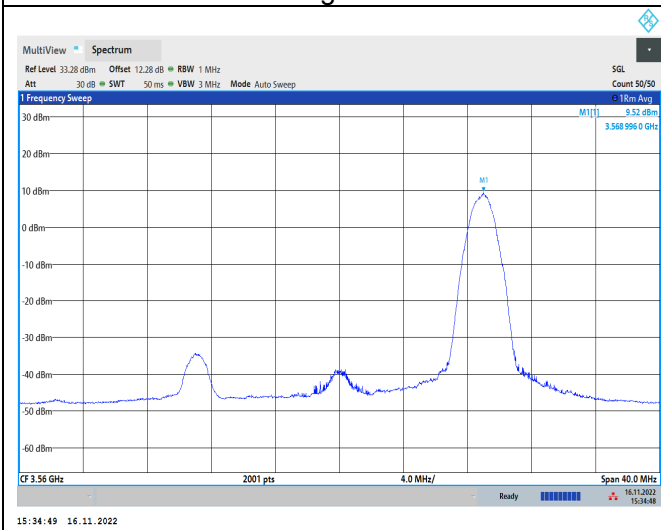


Fig.87

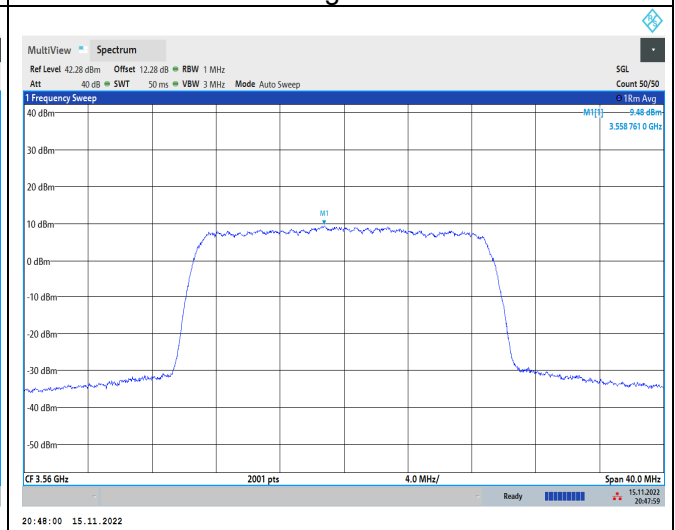


Fig.88

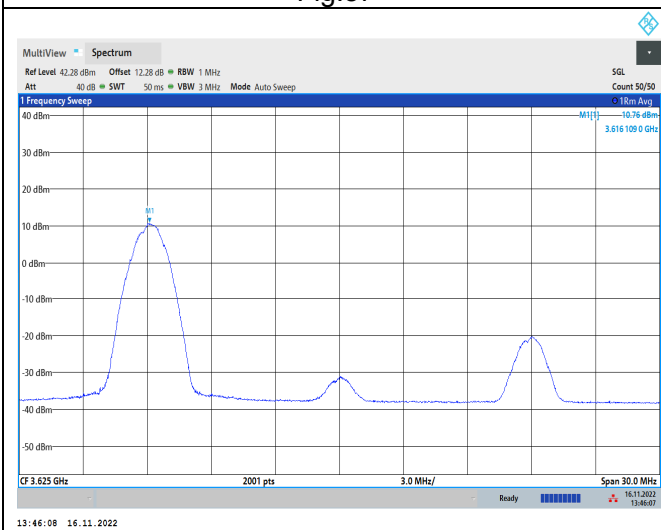


Fig.89

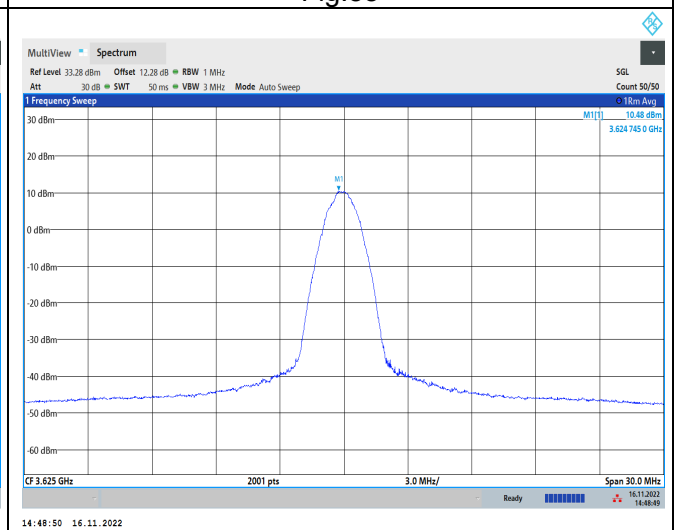


Fig.90

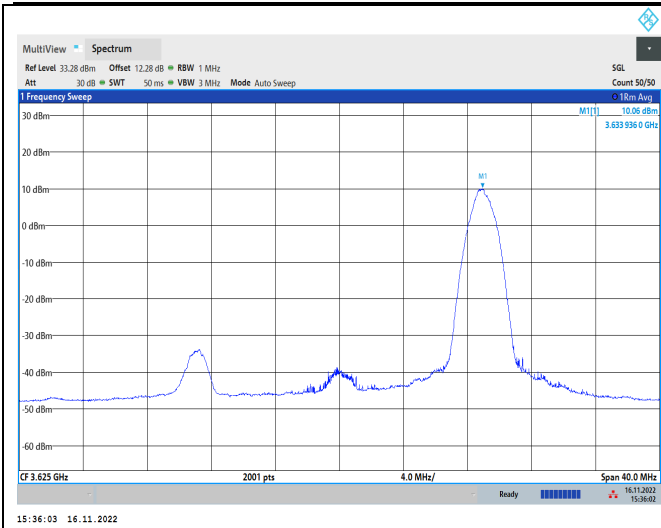


Fig.91

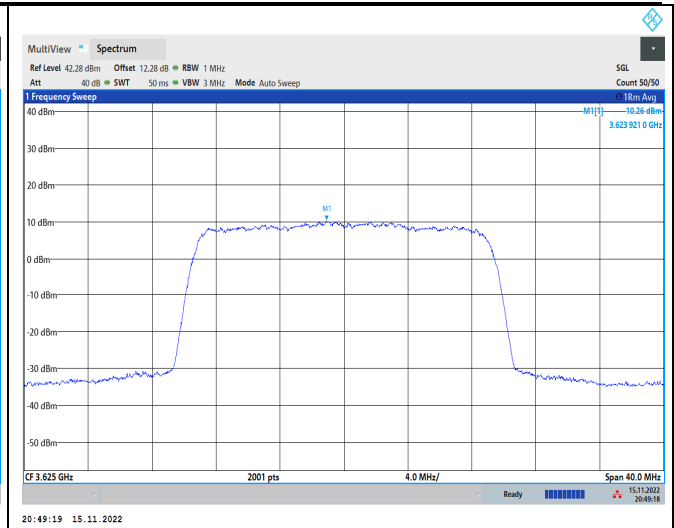


Fig.92

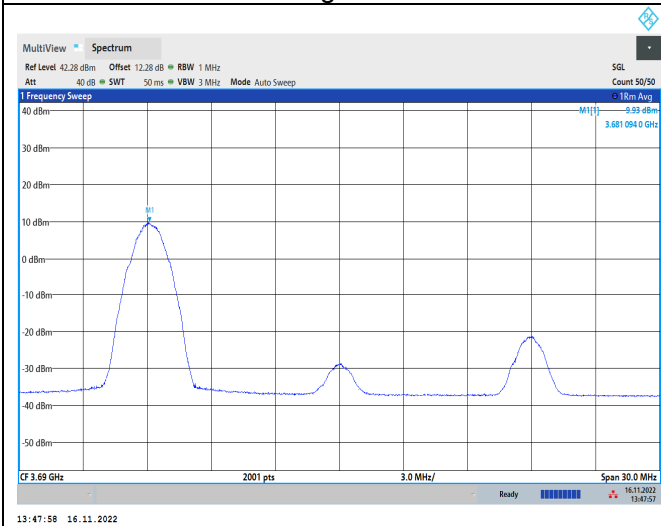


Fig.93

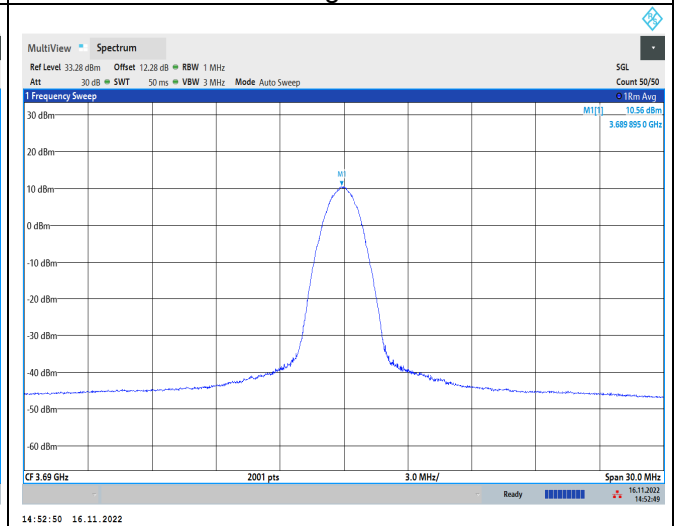


Fig.94

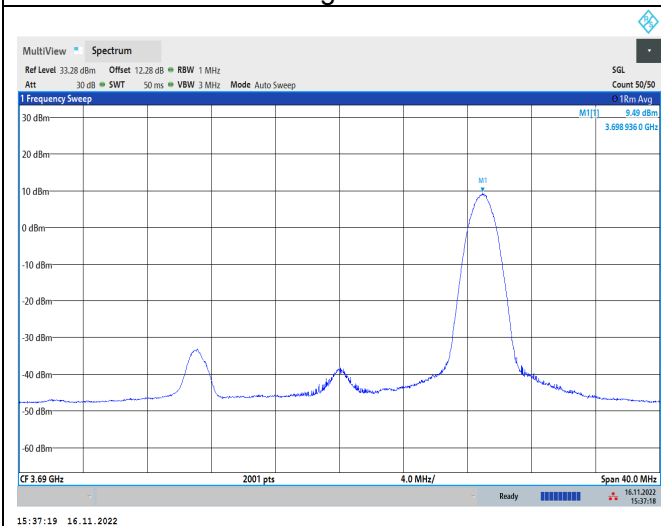


Fig.95

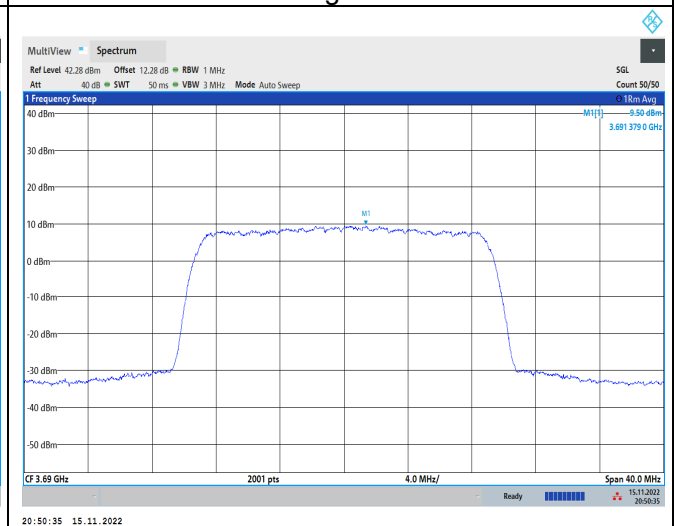


Fig.96

2 Emission Bandwidth & Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
48	3552.5	55265	5	25	0	5.36	Fig.1	5.38	Fig.4	5.29	Fig.7
	3625	55990		25	0	5.33	Fig.2	5.39	Fig.5	5.29	Fig.8
	3697.5	56715		25	0	5.37	Fig.3	5.42	Fig.6	5.31	Fig.9
	3555	55290	10	50	0	10.13	Fig.10	10.30	Fig.13	10.03	Fig.16
	3625	55990		50	0	10.23	Fig.11	10.20	Fig.14	10.03	Fig.17
	3695	56690		50	0	10.17	Fig.12	10.27	Fig.15	10.07	Fig.18
	3557.5	55315	15	75	0	14.75	Fig.19	14.75	Fig.22	14.80	Fig.25
	3625	55990		75	0	14.90	Fig.20	14.75	Fig.23	14.70	Fig.26
	3692.5	56665		75	0	14.85	Fig.21	14.80	Fig.24	14.65	Fig.27
	3560	55340	20	100	0	19.60	Fig.28	19.60	Fig.31	19.67	Fig.34
	3625	55990		100	0	19.60	Fig.29	19.60	Fig.32	19.47	Fig.35
	3690	56640		100	0	19.60	Fig.30	19.60	Fig.33	19.67	Fig.36
Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
48	3552.5	55265	5	25	0	4.521	Fig.1	4.519	Fig.4	4.514	Fig.7
	3625	55990		25	0	4.517	Fig.2	4.515	Fig.5	4.516	Fig.8
	3697.5	56715		25	0	4.521	Fig.3	4.520	Fig.6	4.514	Fig.9
	3555	55290	10	50	0	9.006	Fig.10	8.964	Fig.13	8.996	Fig.16
	3625	55990		50	0	9.007	Fig.11	8.964	Fig.14	8.995	Fig.17
	3695	56690		50	0	9.003	Fig.12	8.964	Fig.15	8.996	Fig.18
	3557.5	55315	15	75	0	13.477	Fig.19	13.468	Fig.22	13.428	Fig.25
	3625	55990		75	0	13.462	Fig.20	13.469	Fig.23	13.411	Fig.26
	3692.5	56665		75	0	13.482	Fig.21	13.456	Fig.24	13.429	Fig.27
	3560	55340	20	100	0	18.000	Fig.28	17.968	Fig.31	17.929	Fig.34
	3625	55990		100	0	17.992	Fig.29	17.976	Fig.32	17.956	Fig.35
	3690	56640		100	0	18.008	Fig.30	17.948	Fig.33	17.925	Fig.36

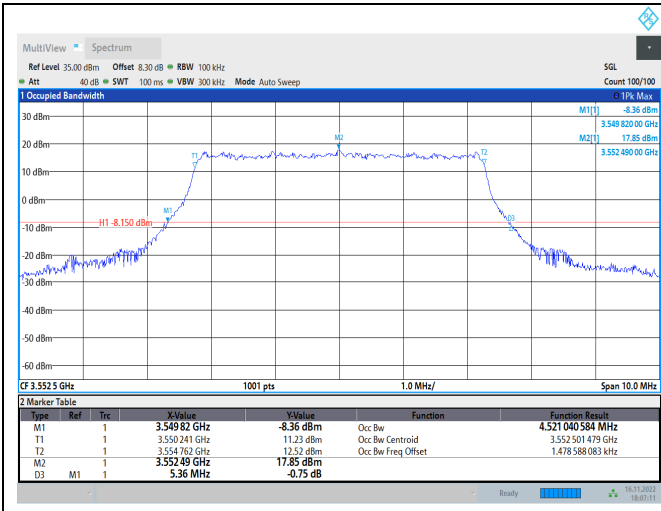


Fig.1

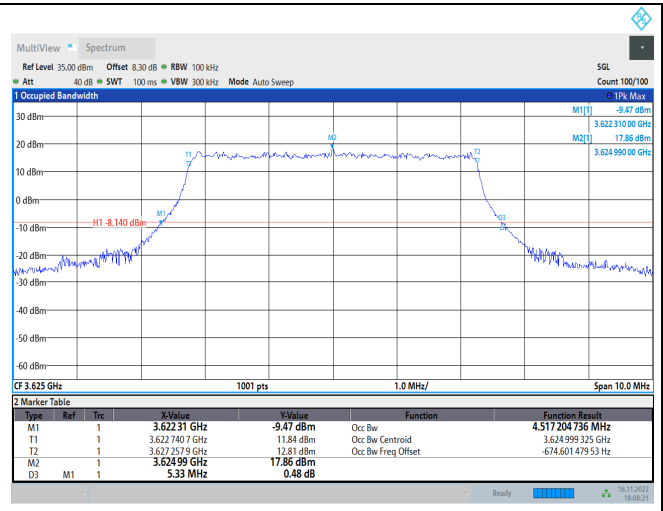


Fig.2

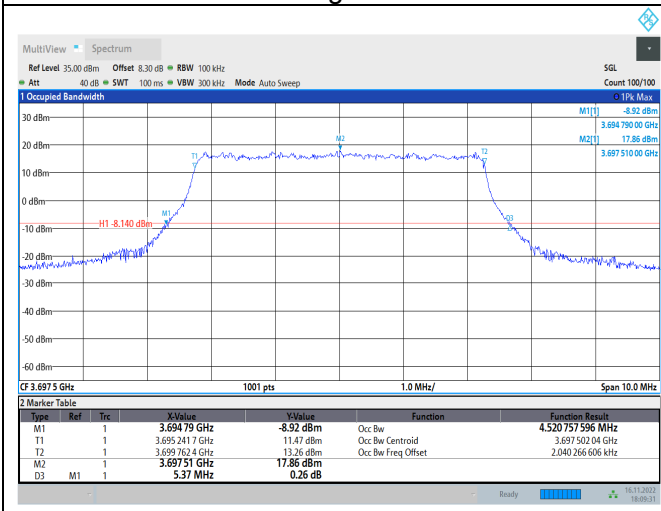


Fig.3

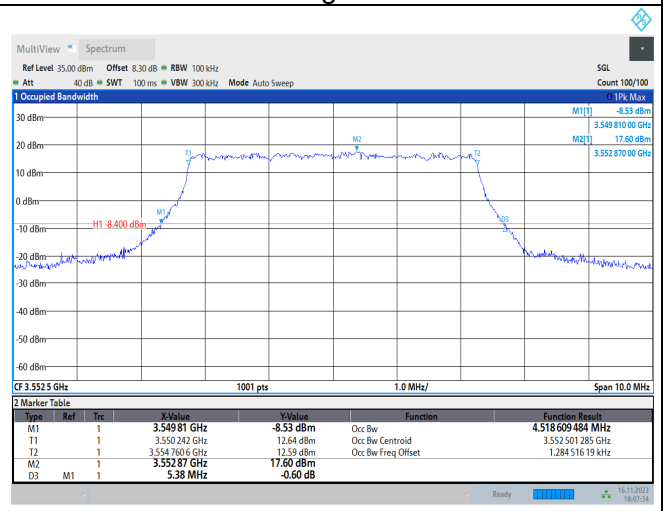


Fig.4

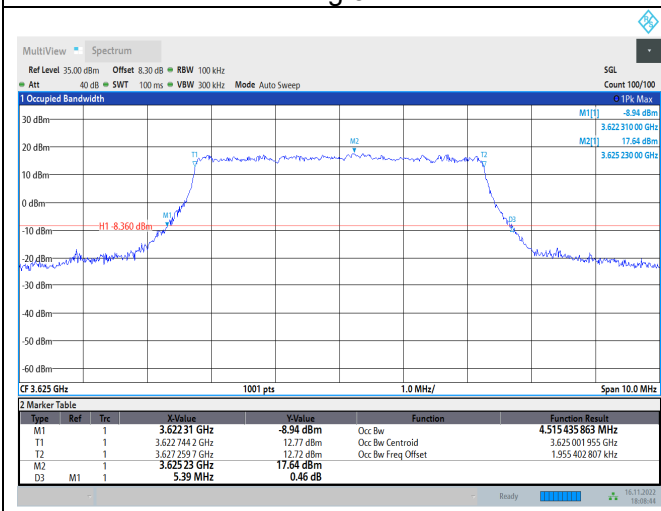


Fig.5

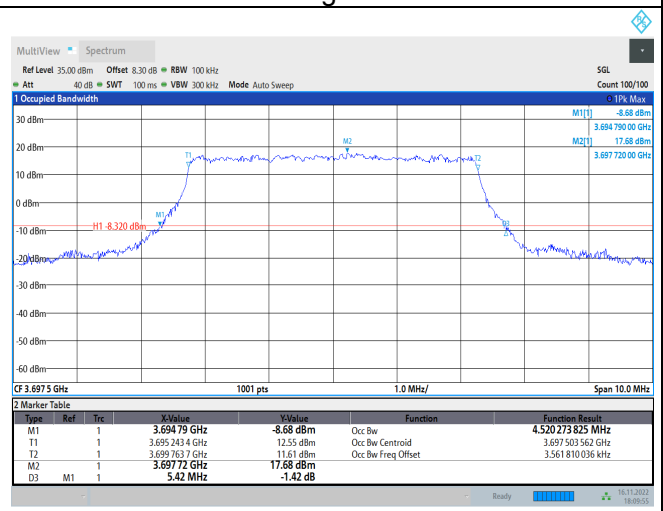


Fig.6

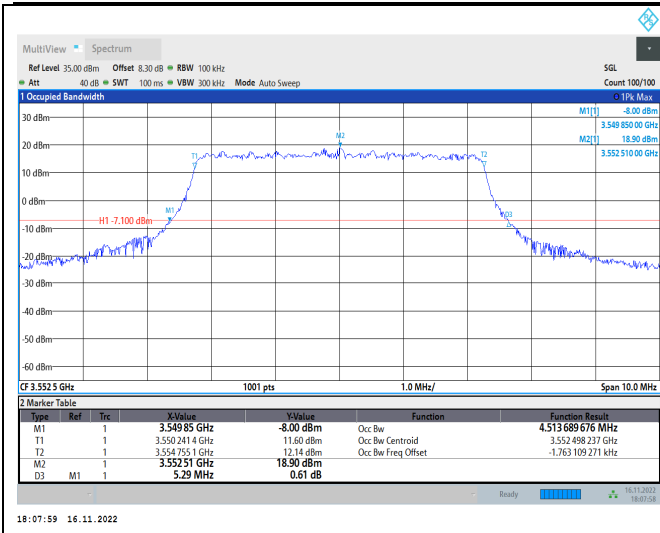


Fig.7

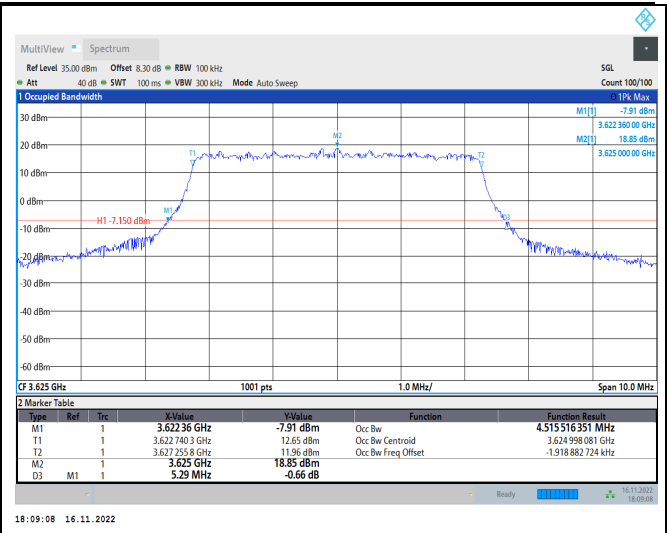


Fig.8

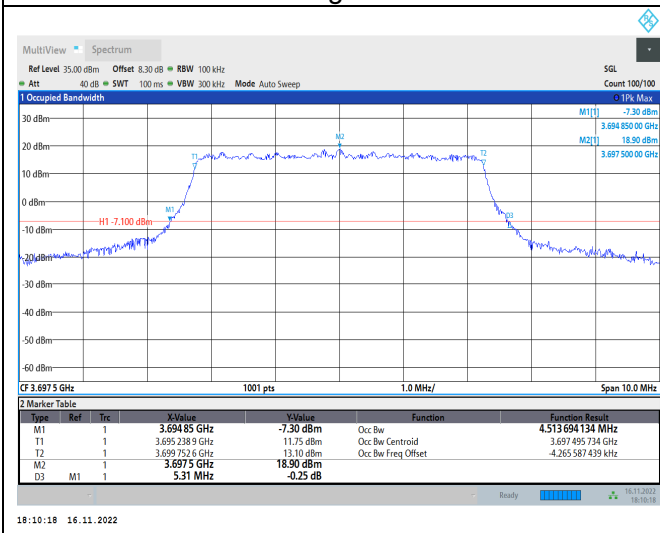


Fig.9

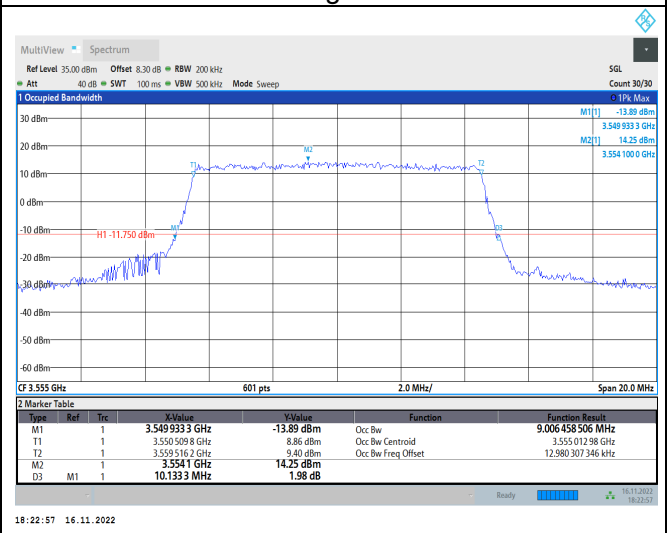


Fig.10

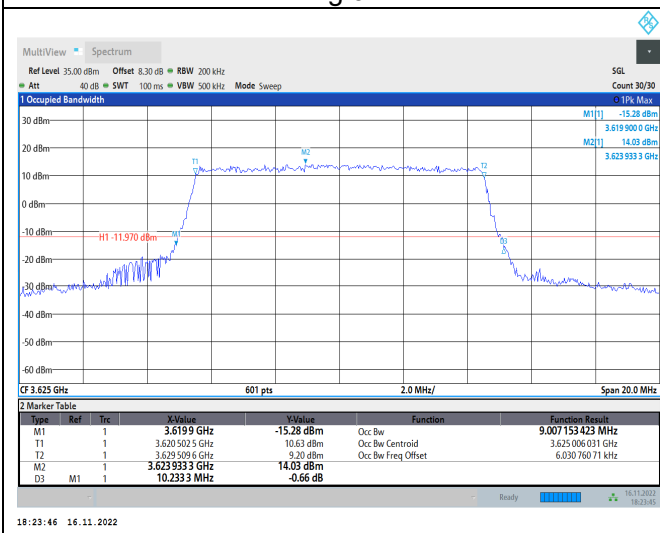


Fig.11

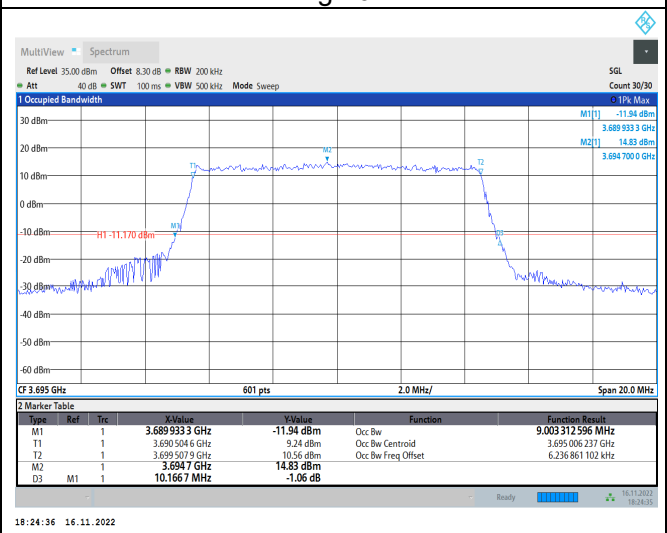


Fig.12

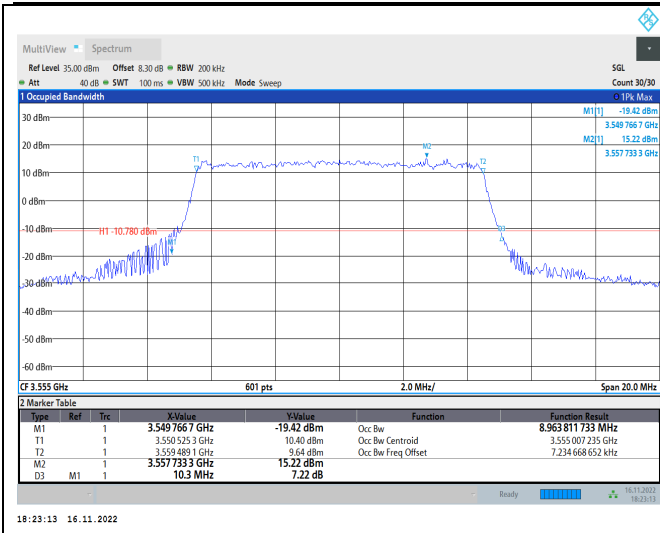


Fig. 13

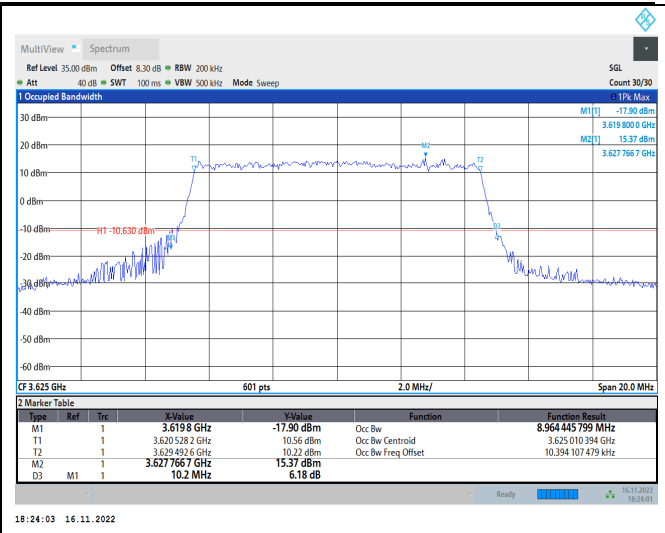


Fig. 14

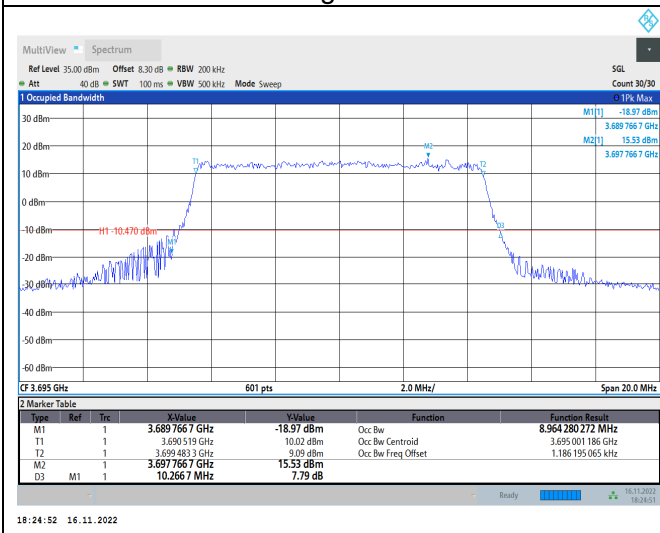


Fig. 15

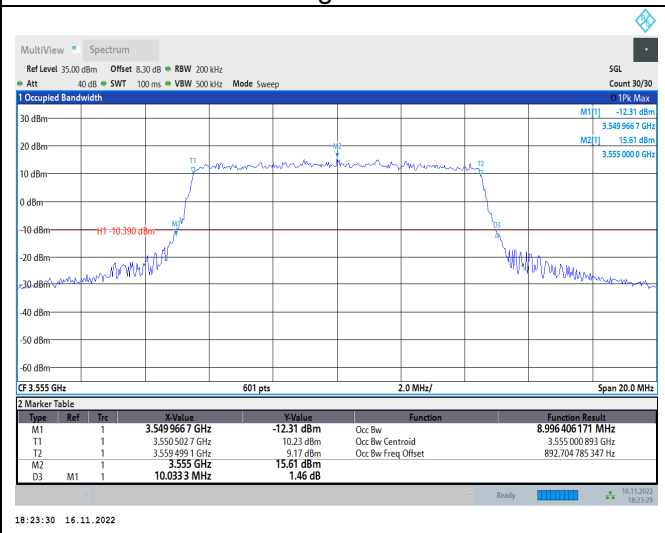


Fig. 16

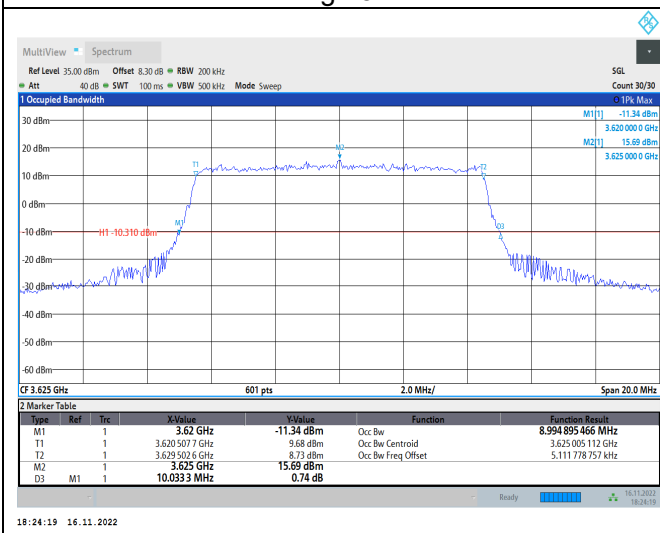


Fig. 17

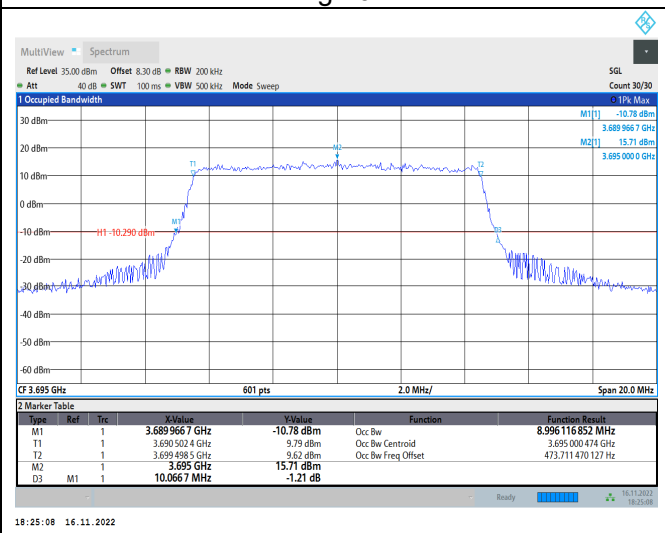


Fig. 18

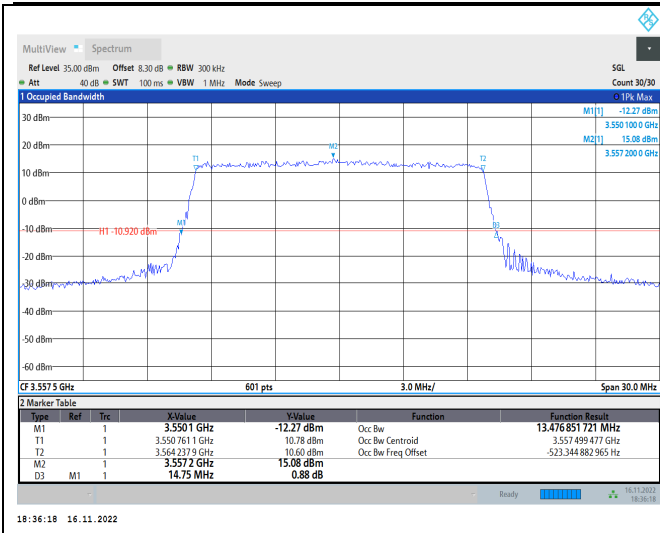


Fig.19

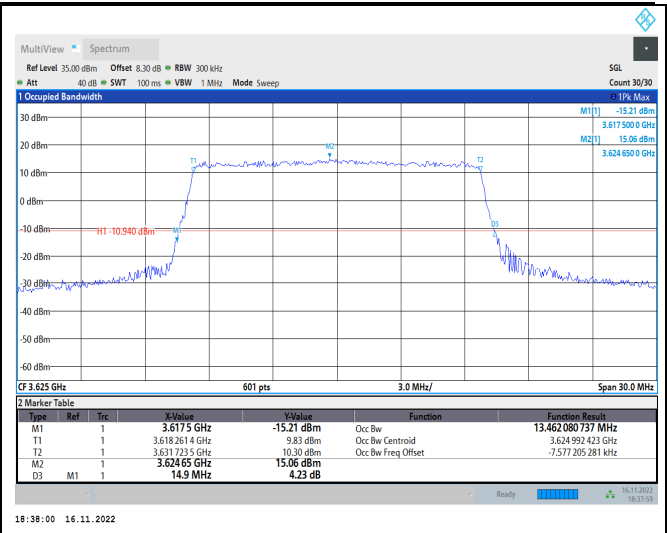


Fig.20

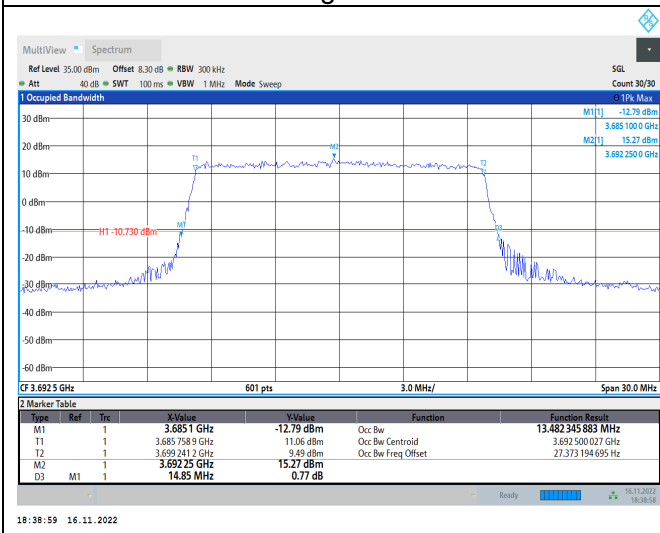


Fig.21

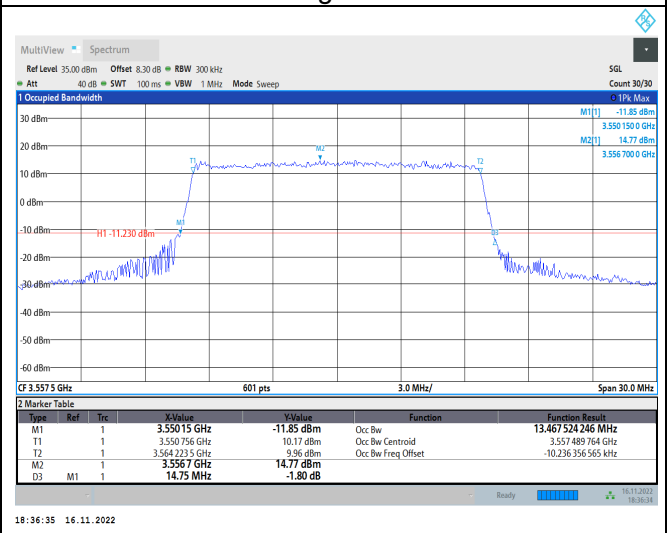


Fig.22

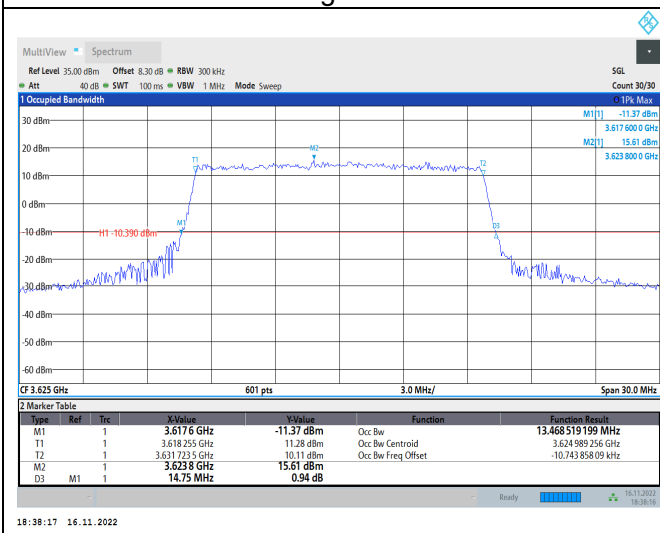


Fig.23

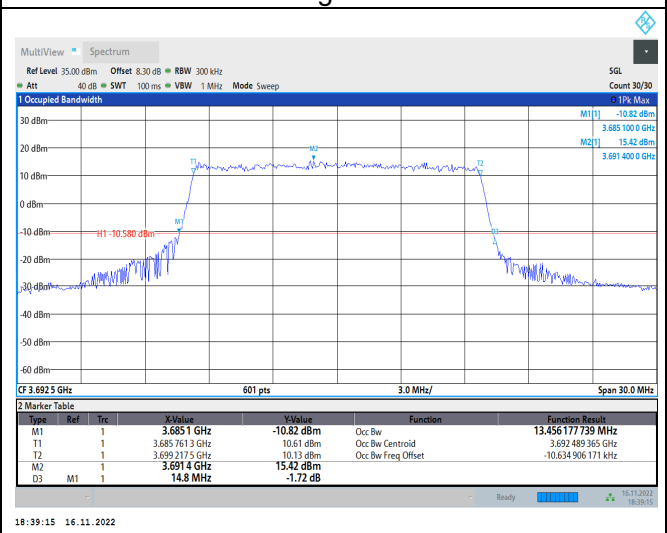


Fig.24

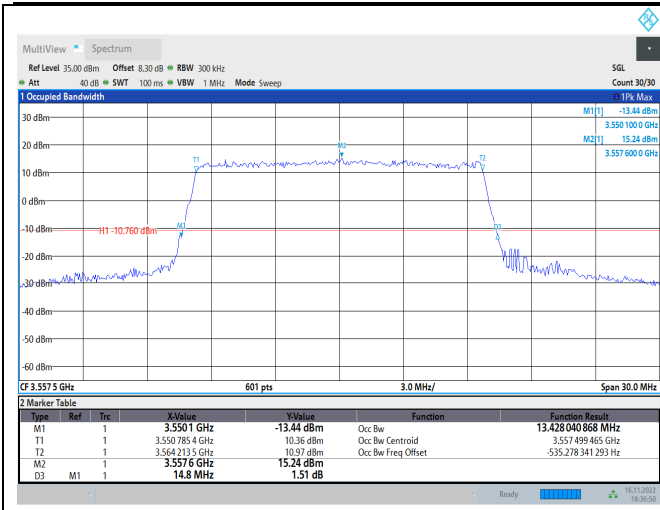


Fig.25

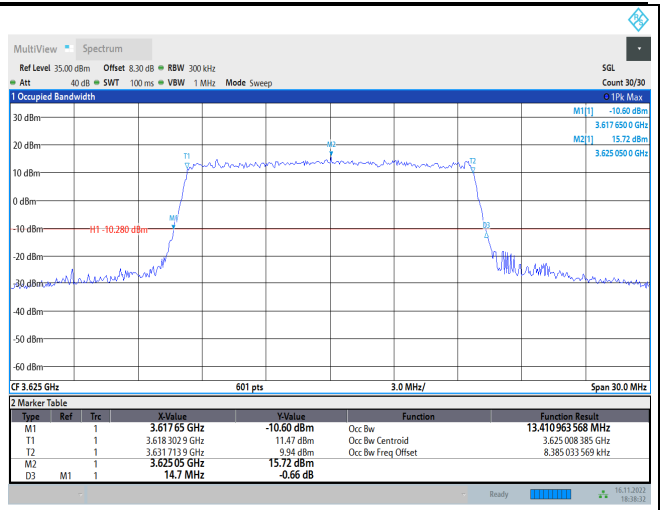


Fig.26

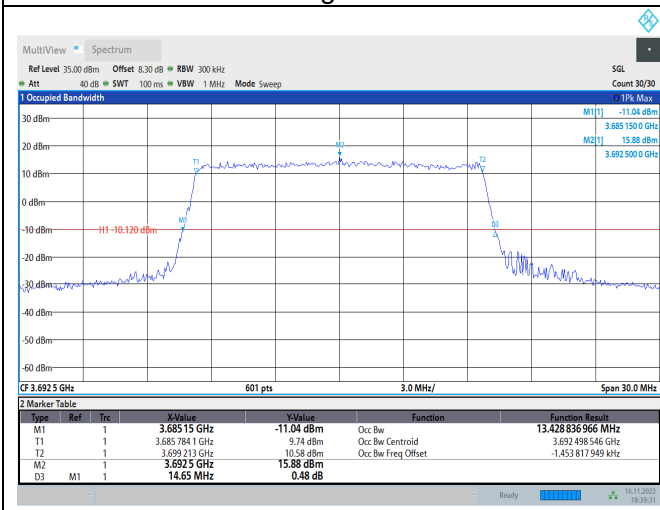


Fig.27

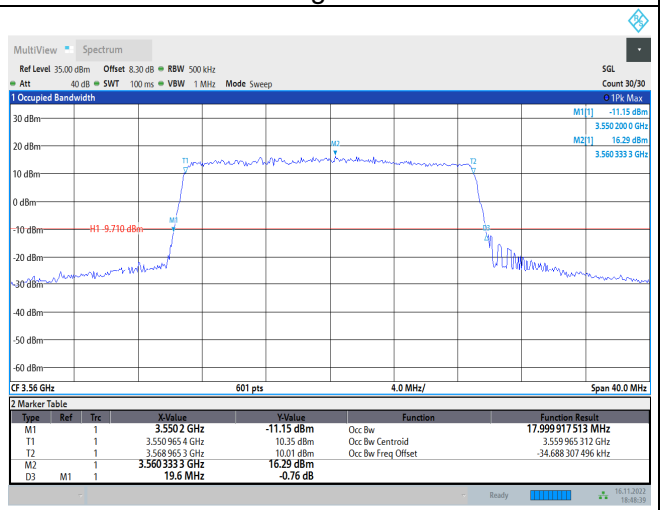


Fig.28

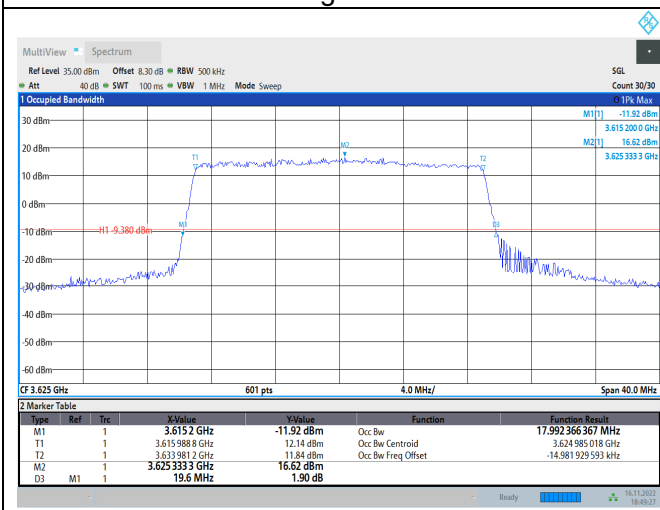


Fig.29

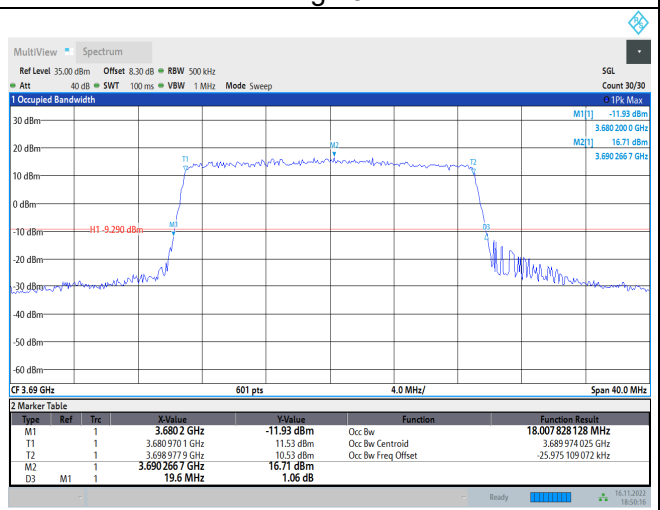


Fig.30