

Fig.31

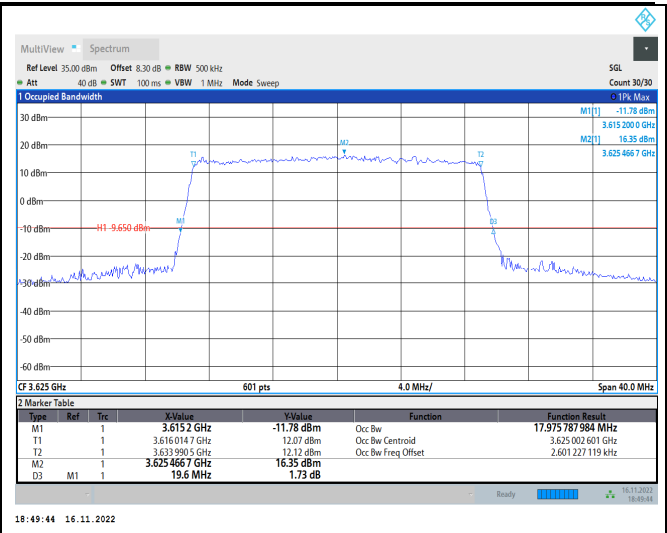


Fig.32

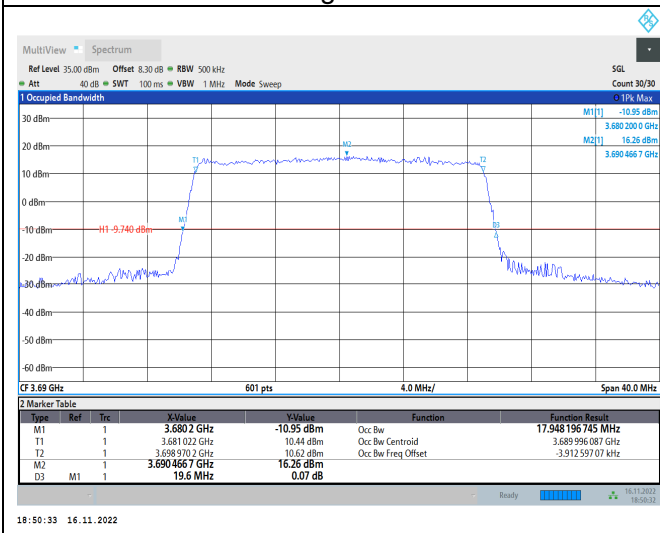


Fig.33

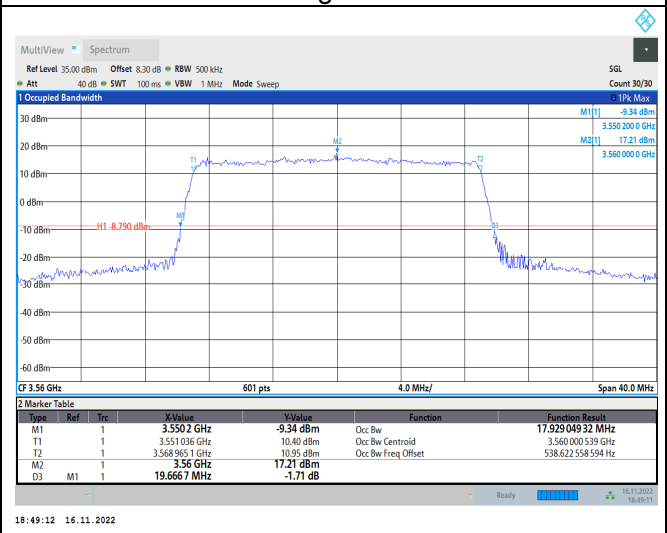


Fig.34

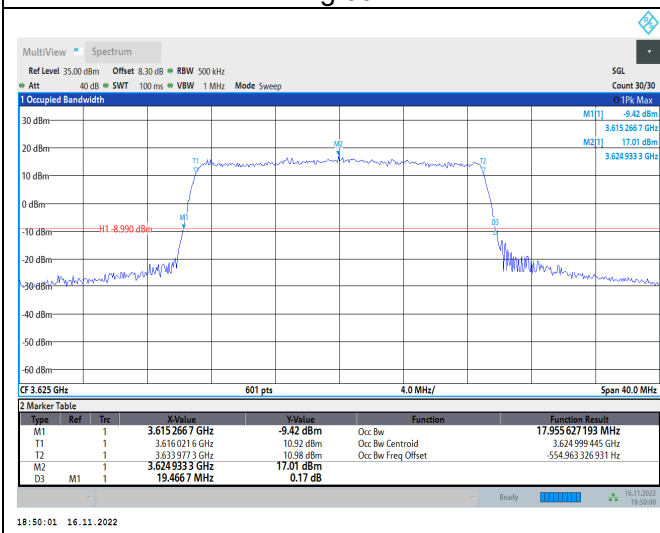


Fig.35

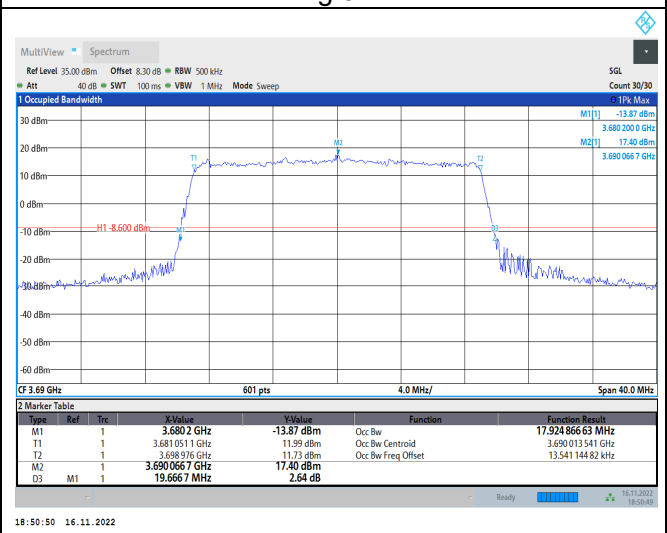


Fig.36

3 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
48	3560	55340	20	100	0	Fig.1	Fig.4	Fig.7
	3625	55990		100	0	Fig.2	Fig.5	Fig.8
	3690	56640		100	0	Fig.3	Fig.6	Fig.9

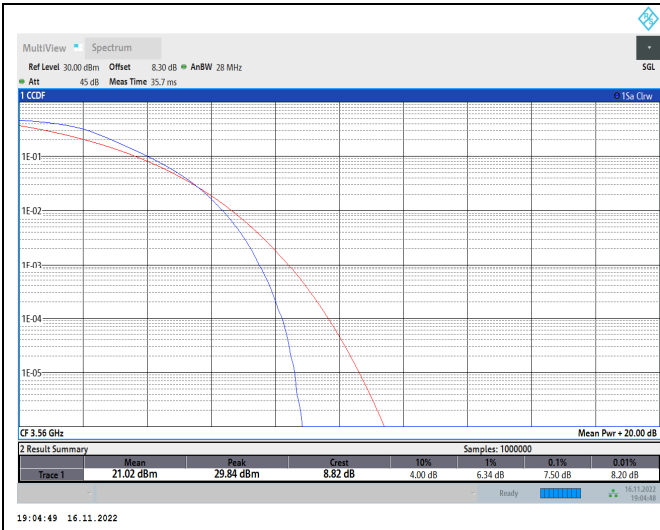


Fig.1

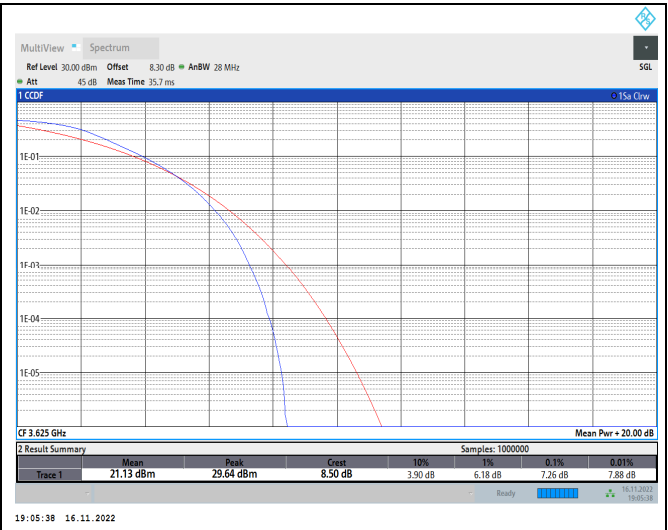


Fig.2

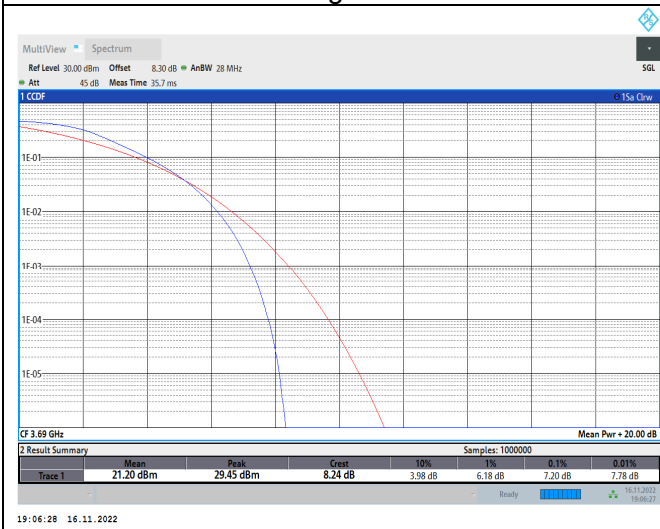


Fig.3

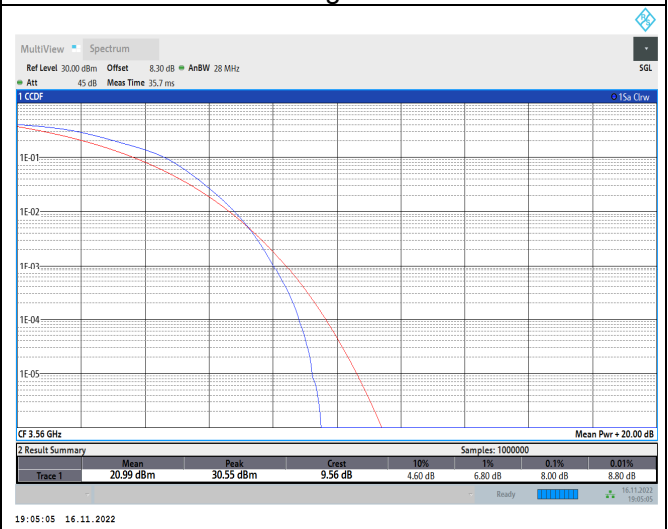


Fig.4

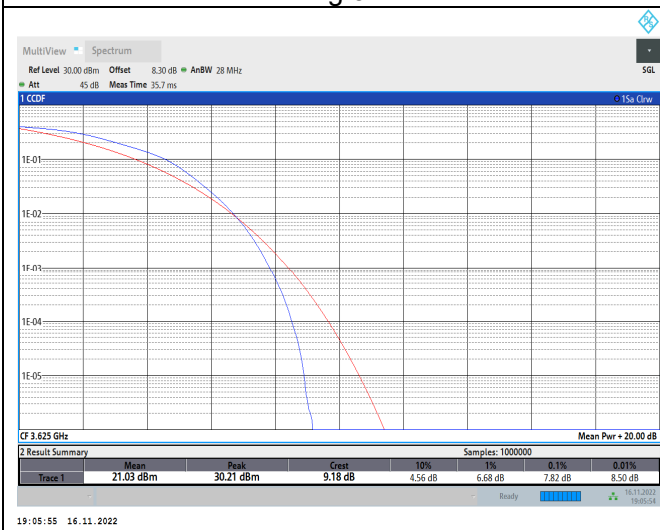


Fig.5

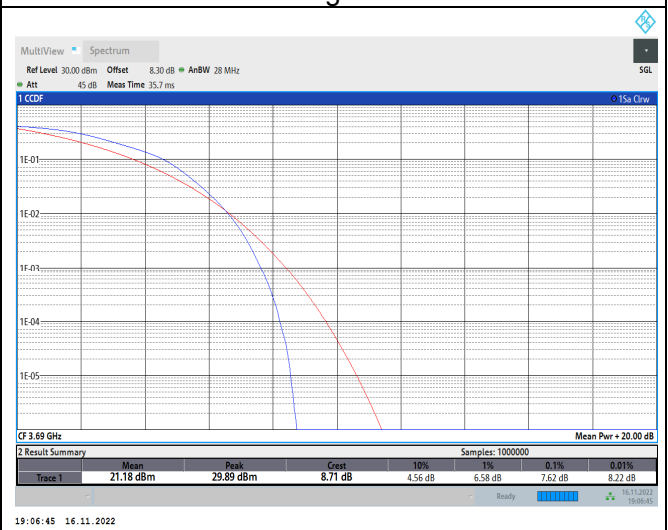


Fig.6

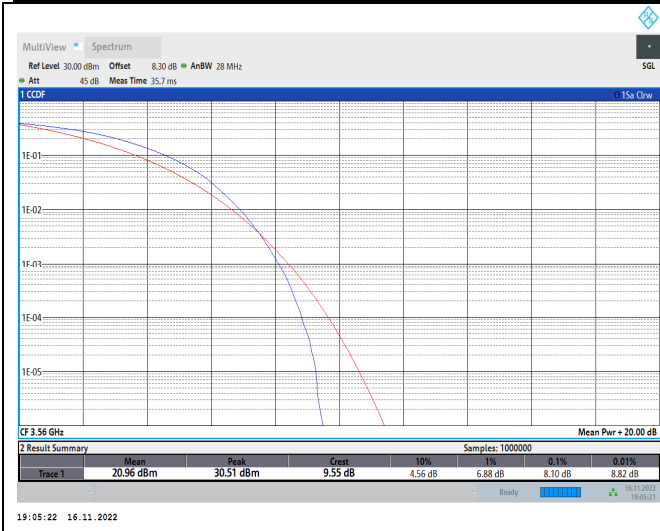


Fig.7

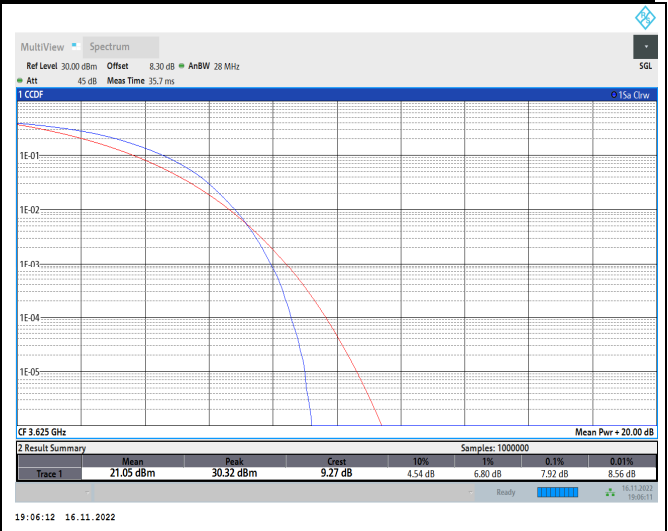


Fig.8

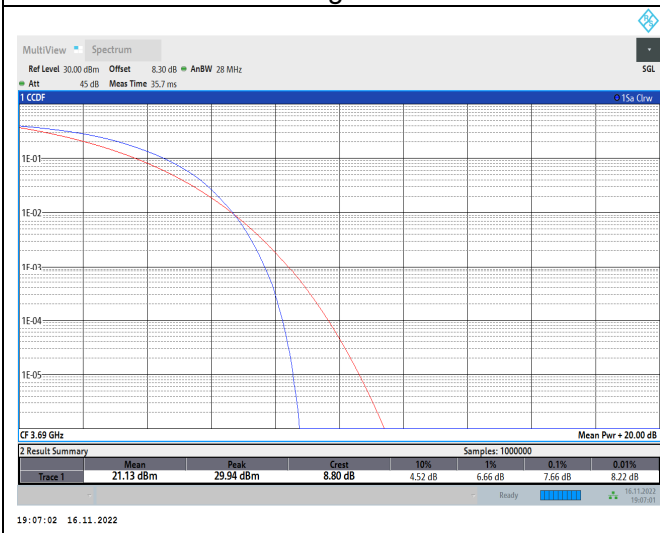


Fig.9

4 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot	
						Range	QPSK
48	3560	55340	20	1	0	0.009~0.15MHz	Fig.1
						0.15~30MHz	Fig.2
						30~1000MHz	Fig.3
						1000~20000MHz	Fig.4
						20000~40000MHz	Fig.5
	3625	55990		1	0	0.009~0.15MHz	Fig.6
						0.15~30MHz	Fig.7
						30~1000MHz	Fig.8
						1000~20000MHz	Fig.9
						20000~40000MHz	Fig.10
	3690	56640		1	0	0.009~0.15MHz	Fig.11
						0.15~30MHz	Fig.12
						30~1000MHz	Fig.13
						1000~20000MHz	Fig.14
						20000~40000MHz	Fig.15

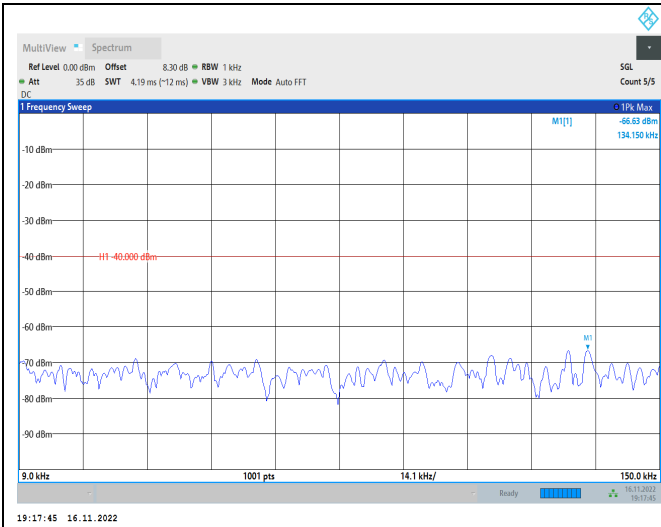


Fig.1

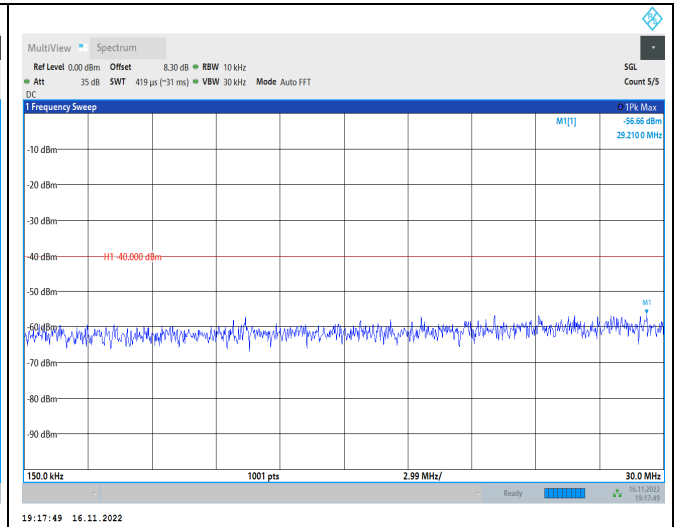


Fig.2

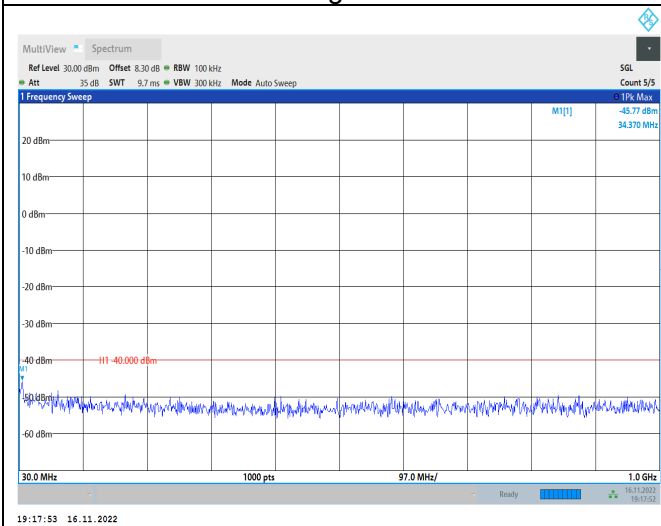


Fig.3

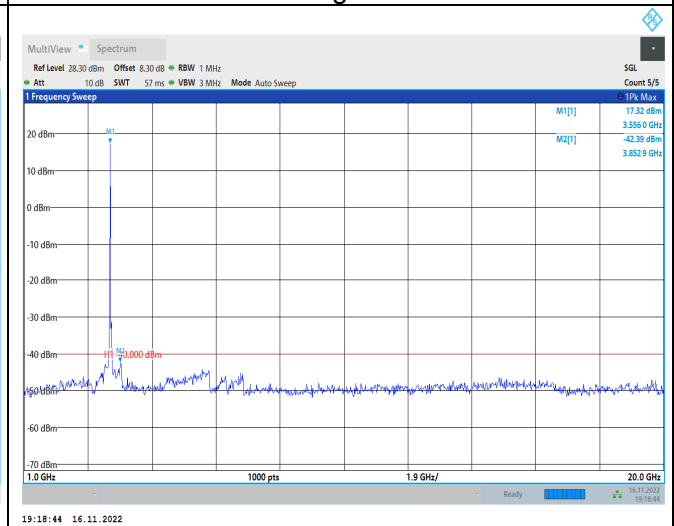


Fig.4

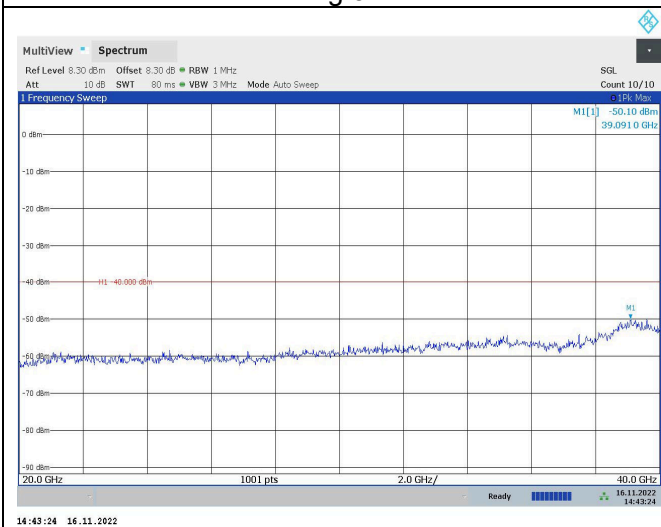


Fig.5

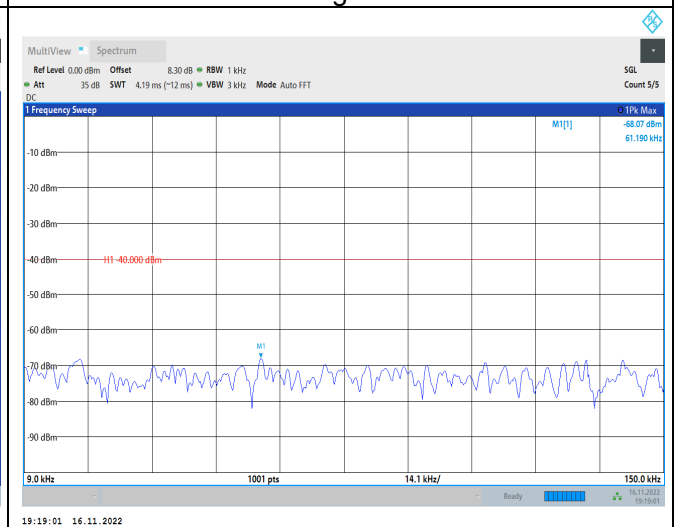


Fig.6

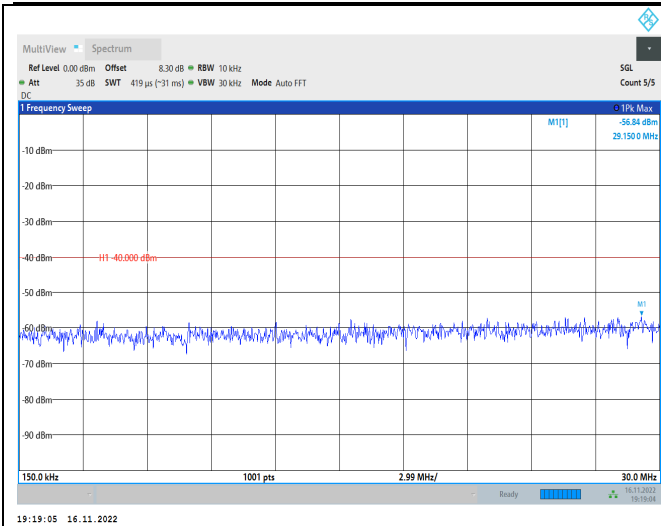


Fig.7

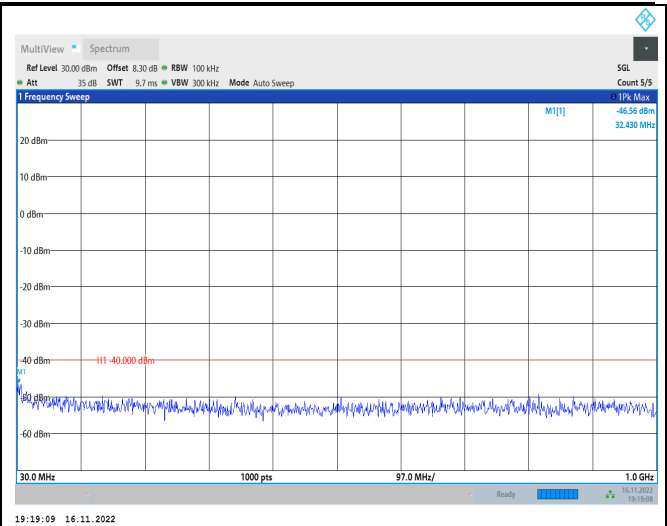


Fig.8

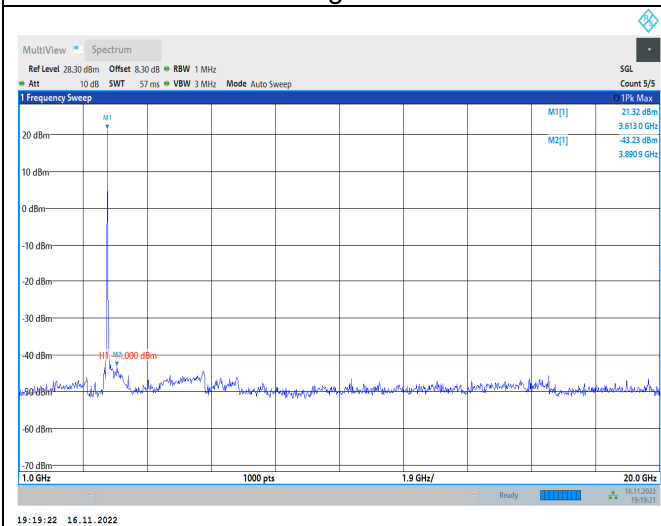


Fig.9

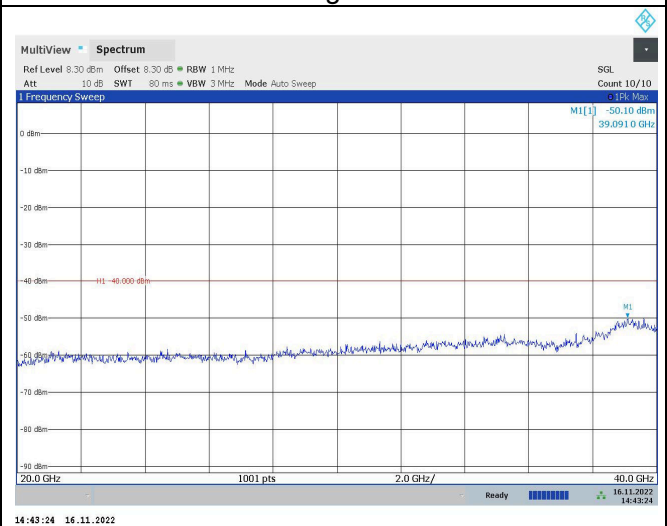


Fig.10

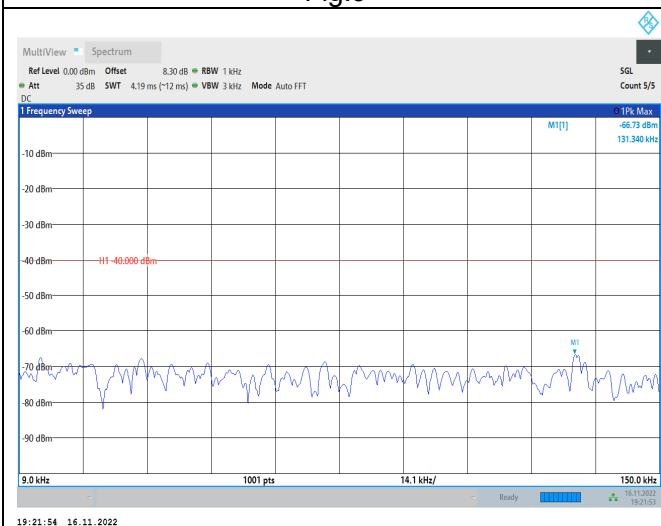


Fig.11

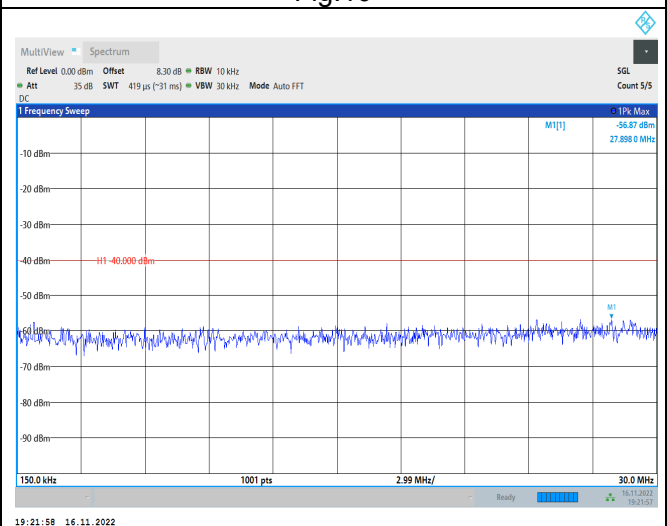


Fig.12

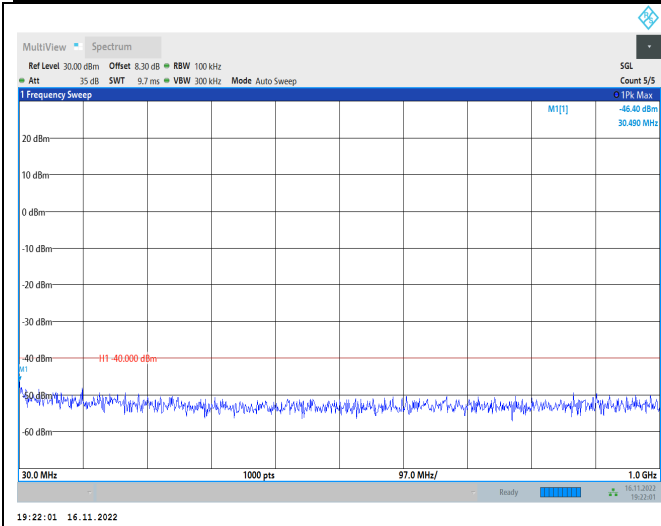


Fig.13

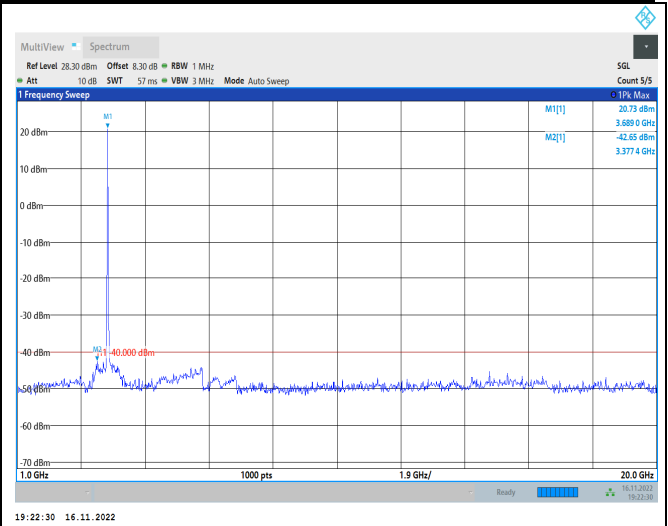


Fig.14

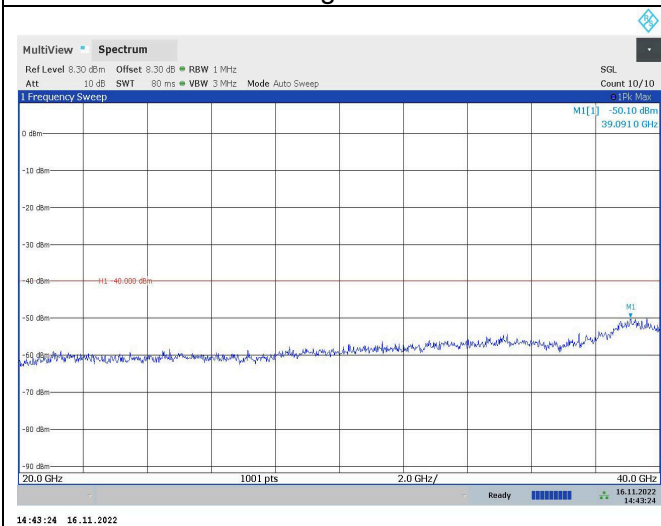


Fig.15

5 Band Edges Compliance

Band	Carrier frequency	Channel	BW	RB Size	RB Offset	Band Edges Plot			
	(MHz)					QPSK			
48	3552.5	55265	5	1	0	Fig.1			
				25	0	Fig.2			
	3697.5	56715		1	24	Fig.3			
				25	0	Fig.4			
	3555	55290	10	1	0	Fig.5			
				50	0	Fig.6			
				3695	56690	1	49	Fig.7	
						50	0	Fig.8	
	3557.5	55315		15	1	0	Fig.9		
					75	0	Fig.10		
					3692.5	56665	1	74	Fig.11
							75	0	Fig.12
	3560	55340	20		1	0	Fig.13		
					100	0	Fig.14		
					3690	56640	1	99	Fig.15
							100	0	Fig.16

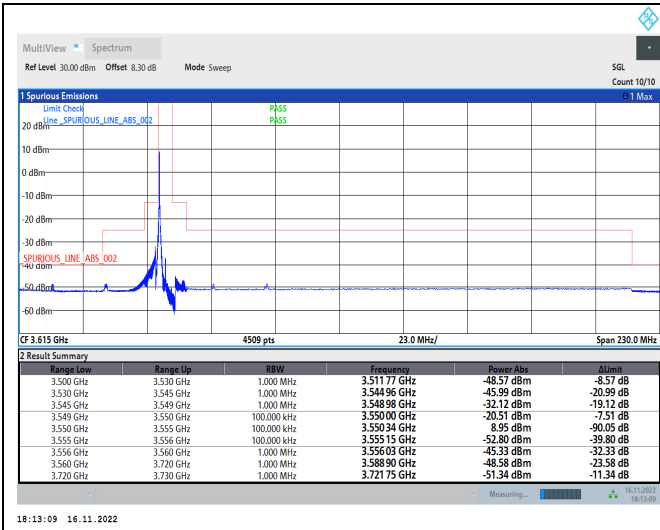


Fig.1

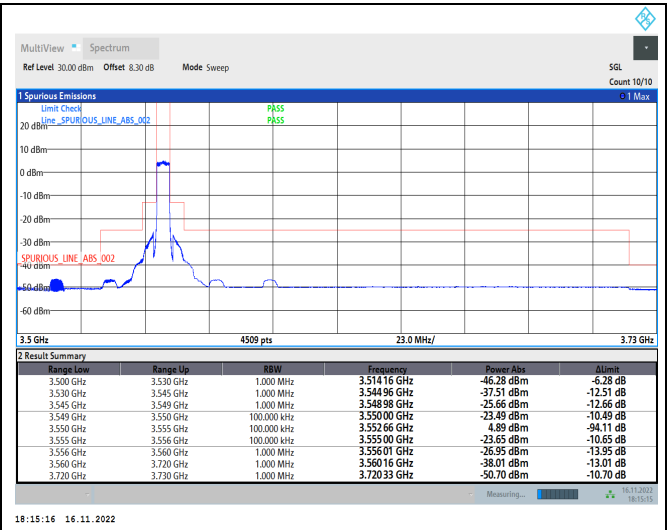


Fig.2

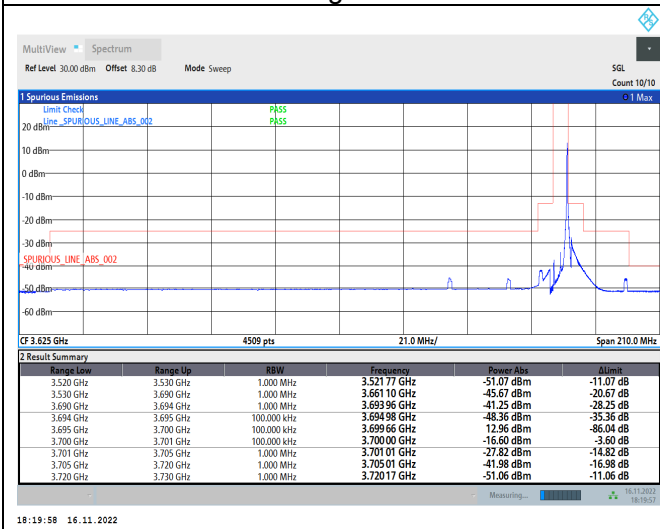


Fig.3

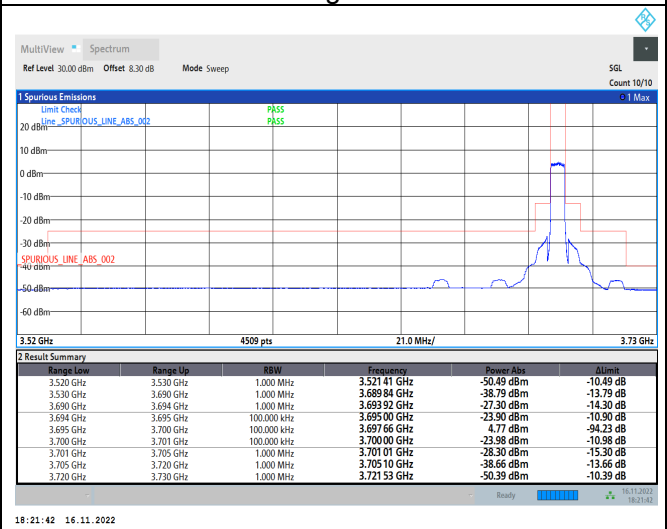


Fig.4

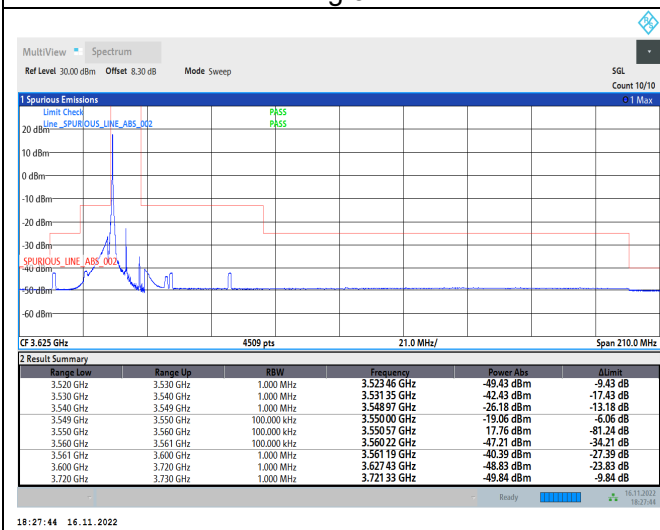


Fig.5

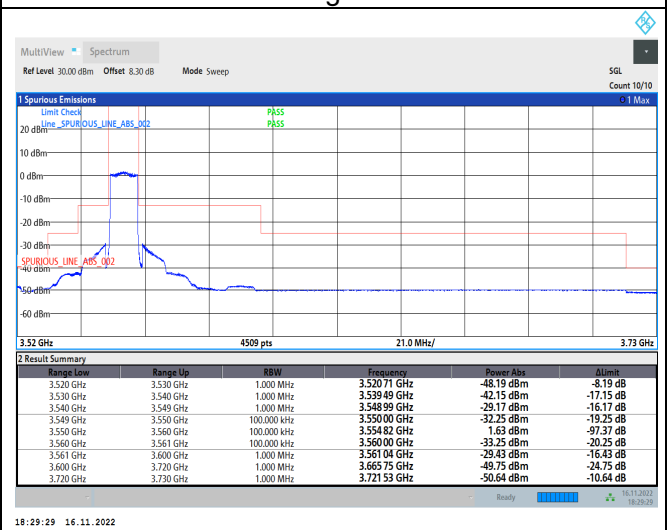


Fig.6

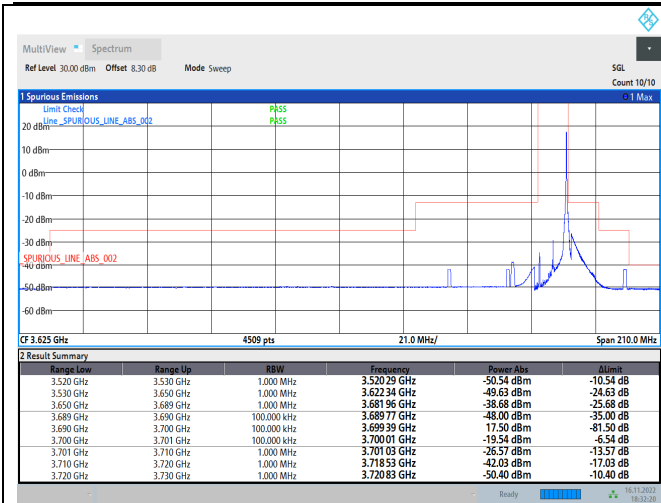


Fig.7

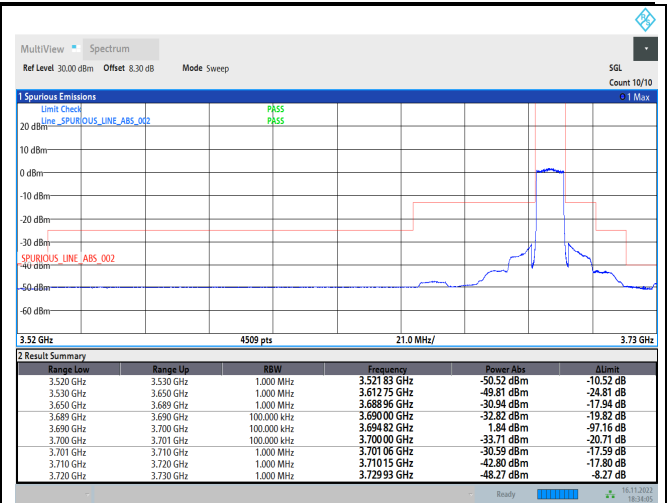


Fig.8

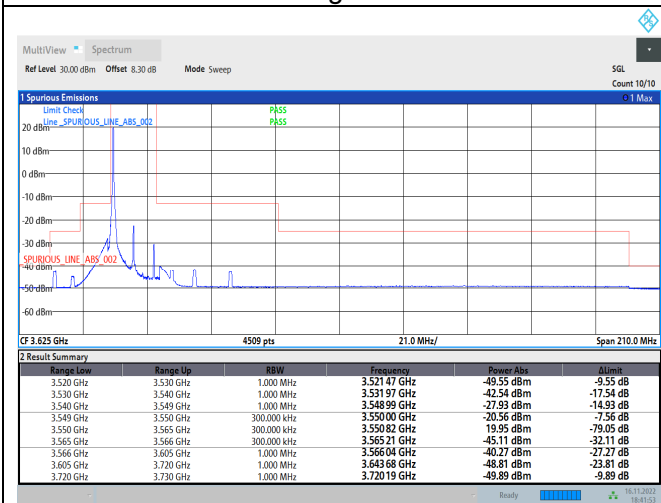


Fig.9

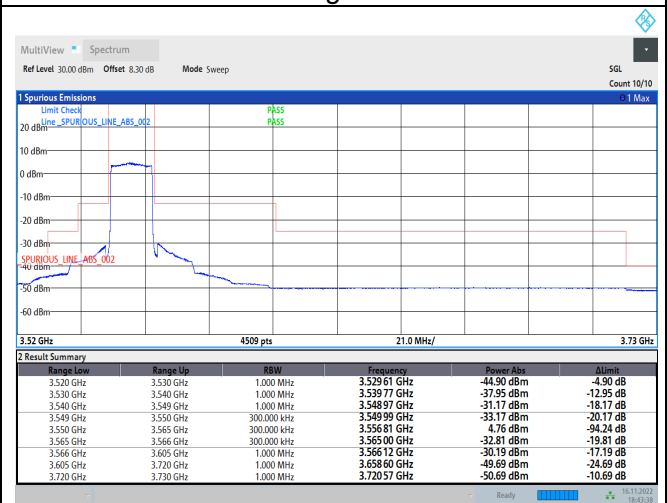


Fig.10

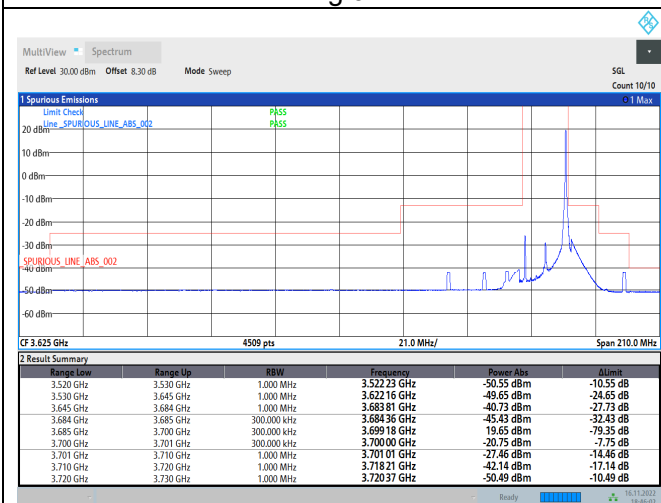


Fig.11

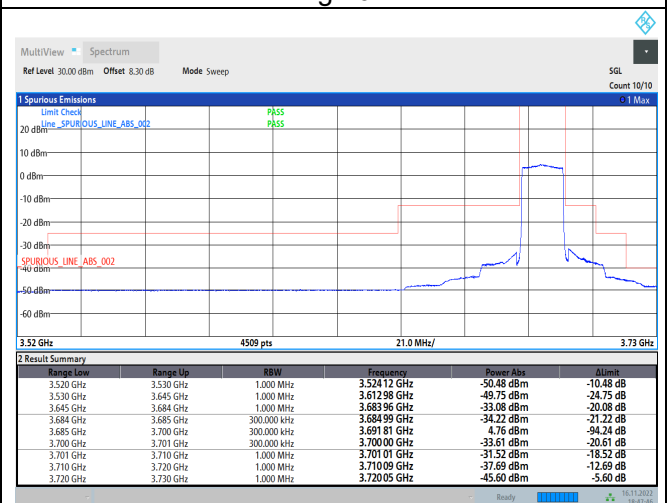


Fig.12

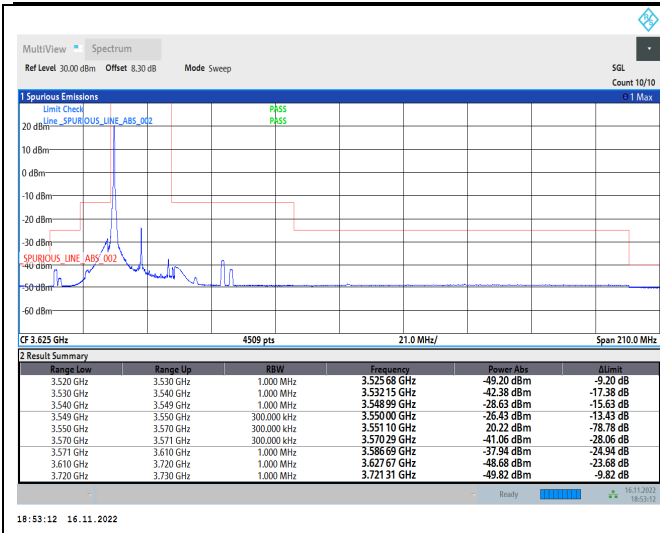


Fig.13

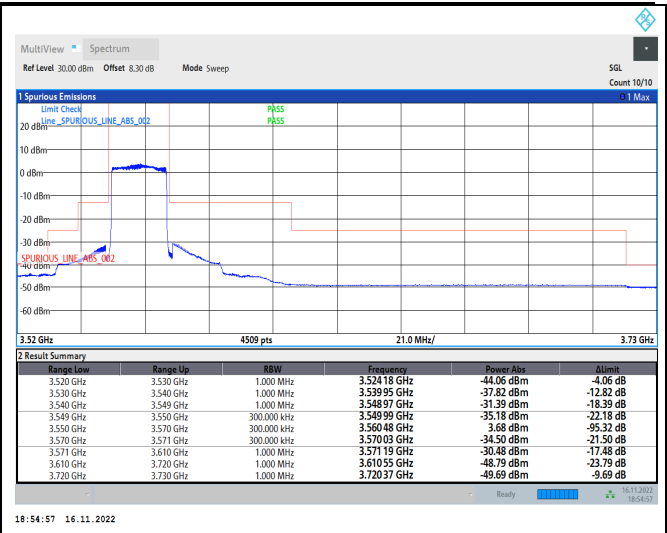


Fig.14

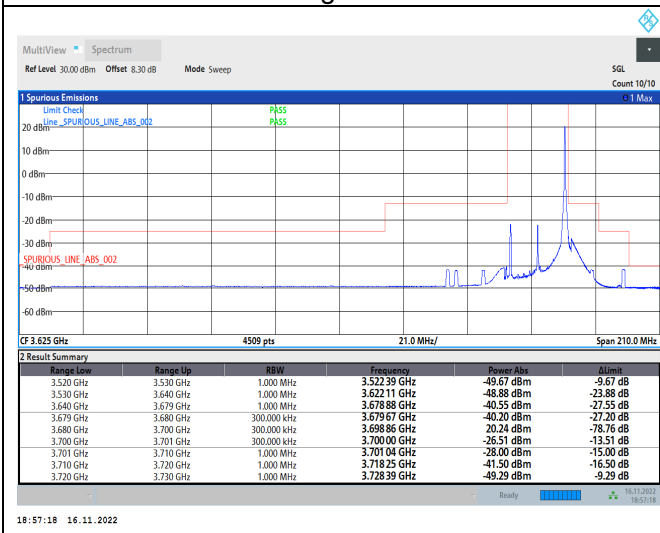


Fig.15

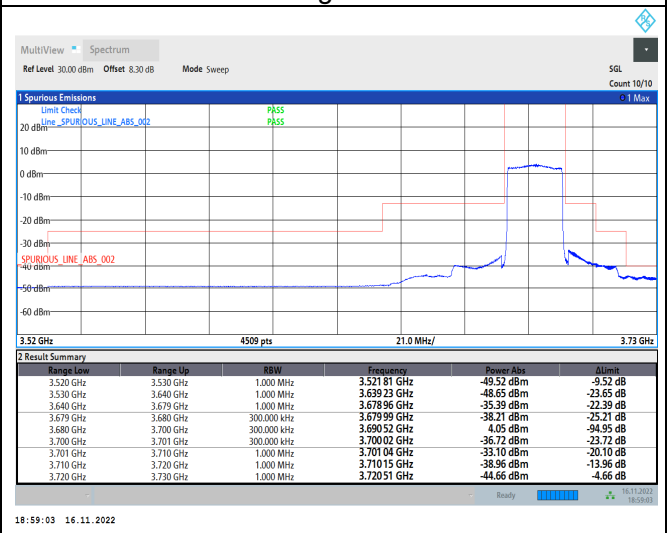


Fig.16

6 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band48 Mid Channel QPSK			
		5M	10M	15M	20M
-30	NV	---	---	---	-0.005959
-20	NV	---	---	---	-0.005876
-10	NV	---	---	---	-0.005434
0	NV	---	---	---	-0.002924
10	NV	---	---	---	-0.004524
20	NV	---	---	---	-0.005683
30	NV	---	---	---	-0.003945
40	NV	---	---	---	-0.003834
50	NV	---	---	---	-0.005959
20	LV	---	---	---	-0.002317
20	NV	---	---	---	-0.004303
20	HV	---	---	---	-0.004717

7 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	ANT1	ANT2	Total Conducted power (dBm/10MHz)	EIRP power (dBm/10MHz)	EIRP power (W/10MHz)
QPSK	3552.5	55265	5	1	0	10.27	10.11	13.20	19.75	0.09
				1	12	9.23	9.52	12.39	18.94	0.08
				1	24	9.13	9.52	12.34	18.89	0.08
				25	0	15.56	15.60	18.59	25.14	0.33
	3625	55990		1	0	9.25	10.32	12.83	19.38	0.09
				1	12	9.02	9.42	12.23	18.78	0.08
				1	24	9.25	9.63	12.45	19.00	0.08
				25	0	14.81	16.04	18.48	25.03	0.32
	3697.5	56715		1	0	9.52	9.60	12.57	19.12	0.08
				1	12	9.52	9.69	12.62	19.17	0.08
				1	24	9.12	9.36	12.25	18.80	0.08
				25	0	16.05	16.30	19.19	25.74	0.37
16QAM	3552.5	55265	1	0	9.35	9.20	12.28	18.83	0.08	
			1	12	8.40	8.40	11.41	17.96	0.06	
			1	24	8.31	8.31	11.32	17.87	0.06	
			25	0	14.16	14.16	17.17	23.72	0.24	
	3625	55990	1	0	8.42	8.42	11.43	17.98	0.06	
			1	12	8.21	8.21	11.22	17.77	0.06	
			1	24	8.42	8.42	11.43	17.98	0.06	
			25	0	13.48	13.48	16.49	23.04	0.20	
	3697.5	56715	1	0	8.66	8.66	11.67	18.22	0.07	
			1	12	8.66	8.66	11.67	18.22	0.07	
			1	24	8.30	8.30	11.31	17.86	0.06	
			25	0	14.61	14.61	17.62	24.17	0.26	
64QAM	3552.5	55265	1	0	8.42	8.29	11.37	17.92	0.06	
			1	12	7.57	7.81	10.70	17.25	0.05	
			1	24	7.49	7.81	10.66	17.21	0.05	
			25	0	12.76	12.79	15.79	22.34	0.17	
	3625	55990	1	0	7.59	8.46	11.06	17.61	0.06	
			1	12	7.40	7.72	10.57	17.12	0.05	
			1	24	7.59	7.90	10.75	17.30	0.05	
			25	0	12.14	13.15	15.69	22.24	0.17	
	3697.5	56715	1	0	7.81	7.87	10.85	17.40	0.05	
			1	12	7.81	7.95	10.89	17.44	0.06	
			1	24	7.48	7.68	10.59	17.14	0.05	
			25	0	13.16	13.37	16.28	22.83	0.19	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	ANT1	ANT2	Total Conducted power (dBm/10MHz)	EIRP power (dBm/10MHz)	EIRP power (W/10MHz)
QPSK	3555	55290	10	1	0	9.42	9.23	12.34	18.89	0.08
				1	24	9.01	8.69	11.86	18.41	0.07
				1	49	8.96	9.26	12.12	18.67	0.07
				50	0	17.99	18.51	21.27	27.82	0.61
	3625	55990		1	0	9.02	10.05	12.58	19.13	0.08
				1	24	10.32	9.32	12.86	19.41	0.09
				1	49	9.23	9.41	12.33	18.88	0.08
				50	0	17.26	18.63	21.01	27.56	0.57
	3695	56690		1	0	9.02	9.63	12.35	18.90	0.08
				1	24	10.32	10.25	13.30	19.85	0.10
				1	49	9.36	9.85	12.62	19.17	0.08
				50	0	17.81	18.69	21.28	27.83	0.61
16QAM	3555	55290	1	0	8.57	8.40	11.50	18.05	0.06	
			1	24	8.20	7.91	11.07	17.62	0.06	
			1	49	8.15	8.43	11.30	17.85	0.06	
			50	0	16.37	16.84	19.62	26.17	0.41	
	3625	55990	1	0	8.21	9.15	11.71	18.26	0.07	
			1	24	9.39	8.48	11.97	18.52	0.07	
			1	49	8.40	8.56	11.49	18.04	0.06	
			50	0	15.71	16.95	19.38	25.93	0.39	
	3695	56690	1	0	8.21	8.76	11.50	18.05	0.06	
			1	24	9.39	9.33	12.37	18.92	0.08	
			1	49	8.52	8.96	11.76	18.31	0.07	
			50	0	16.21	17.01	19.64	26.19	0.42	
64QAM	3555	55290	1	0	7.63	7.48	10.56	17.11	0.05	
			1	24	7.30	7.04	10.18	16.73	0.05	
			1	49	7.26	7.50	10.39	16.94	0.05	
			50	0	14.57	14.99	17.80	24.35	0.27	
	3625	55990	1	0	7.31	8.14	10.75	17.30	0.05	
			1	24	8.36	7.55	10.98	17.53	0.06	
			1	49	7.48	7.62	10.56	17.11	0.05	
			50	0	13.98	15.09	17.58	24.13	0.26	
	3695	56690	1	0	7.31	7.80	10.57	17.12	0.05	
			1	24	8.36	8.30	11.34	17.89	0.06	
			1	49	7.58	7.98	10.79	17.34	0.05	
			50	0	14.43	15.14	17.81	24.36	0.27	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	ANT1	ANT2	Total Conducted power (dBm/10MHz)	EIRP power (dBm/10MHz)	EIRP power (W/10MHz)
QPSK	3557.5	55315	15	1	0	9.36	8.52	11.97	18.52	0.07
				1	38	9.34	9.89	12.63	19.18	0.08
				1	74	9.02	9.11	12.08	18.63	0.07
				75	0	18.56	18.73	21.66	28.21	0.66
	3625	55990		1	0	9.23	10.35	12.84	19.39	0.09
				1	38	9.63	10.52	13.11	19.66	0.09
				1	74	9.25	9.69	12.49	19.04	0.08
				75	0	18.14	19.79	22.05	28.60	0.72
	3692.5	56665		1	0	9.54	9.89	12.73	19.28	0.08
				1	38	9.86	10.02	12.95	19.50	0.09
				1	74	9.30	9.42	12.37	18.92	0.08
				75	0	19.36	19.58	22.49	29.04	0.80
16QAM	3557.5	55315	1	0	8.52	7.75	11.16	17.71	0.06	
			1	38	8.50	9.00	11.77	18.32	0.07	
			1	74	8.21	8.29	11.26	17.81	0.06	
			75	0	16.89	17.04	19.98	26.53	0.45	
	3625	55990	1	0	8.40	9.42	11.95	18.50	0.07	
			1	38	8.76	9.57	12.20	18.75	0.07	
			1	74	8.42	8.82	11.63	18.18	0.07	
			75	0	16.51	18.01	20.33	26.88	0.49	
	3692.5	56665	1	0	8.68	9.00	11.85	18.40	0.07	
			1	38	8.97	9.12	12.06	18.61	0.07	
			1	74	8.46	8.57	11.53	18.08	0.06	
			75	0	17.58	17.82	20.71	27.26	0.53	
64QAM	3557.5	55315	1	0	7.75	7.06	10.43	16.98	0.05	
			1	38	7.73	8.19	10.98	17.53	0.06	
			1	74	7.47	7.54	10.52	17.07	0.05	
			75	0	15.37	15.51	18.45	25.00	0.32	
	3625	55990	1	0	7.64	8.57	11.14	17.69	0.06	
			1	38	7.97	8.71	11.37	17.92	0.06	
			1	74	7.66	8.02	10.86	17.41	0.06	
			75	0	15.02	16.39	18.77	25.32	0.34	
	3692.5	56665	1	0	7.90	8.19	11.06	17.61	0.06	
			1	38	8.17	8.30	11.24	17.79	0.06	
			1	74	7.70	7.80	10.76	17.31	0.05	
			75	0	16.00	16.21	19.12	25.67	0.37	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	ANT1	ANT2	Total Conducted power (dBm/10MHz)	EIRP power (dBm/10MHz)	EIRP power (W/10MHz)
QPSK	3560	55340	20	1	0	10.25	8.51	12.48	19.03	0.08
				1	49	10.32	10.25	13.30	19.85	0.10
				1	99	9.23	9.33	12.29	18.84	0.08
				100	0	18.66	19.09	21.89	28.44	0.70
	3625	55990		1	0	9.12	10.32	12.77	19.32	0.09
				1	49	9.56	10.55	13.09	19.64	0.09
				1	99	9.63	9.56	12.61	19.16	0.08
				100	0	18.43	20.07	22.34	28.89	0.77
	3690	56640		1	0	10.12	9.45	12.81	19.36	0.09
				1	49	9.63	10.22	12.95	19.50	0.09
				1	99	9.45	9.32	12.40	18.95	0.08
				100	0	19.14	18.70	21.94	28.49	0.71
16QAM	3560	55340	1	0	9.33	7.74	11.62	18.17	0.07	
			1	49	9.39	9.33	12.37	18.92	0.08	
			1	99	8.40	8.49	11.46	18.01	0.06	
			100	0	16.98	17.37	20.19	26.74	0.47	
	3625	55990	1	0	8.30	9.39	11.89	18.44	0.07	
			1	49	8.70	9.60	12.18	18.73	0.07	
			1	99	8.76	8.70	11.74	18.29	0.07	
			100	0	16.77	18.26	20.59	27.14	0.52	
	3690	56640	1	0	9.21	8.60	11.93	18.48	0.07	
			1	49	8.76	9.30	12.05	18.60	0.07	
			1	99	8.60	8.48	11.55	18.10	0.06	
			100	0	17.42	17.02	20.23	26.78	0.48	
64QAM	3560	55340	1	0	8.49	7.05	10.84	17.39	0.05	
			1	49	8.55	8.49	11.53	18.08	0.06	
			1	99	7.64	7.73	10.70	17.25	0.05	
			100	0	15.45	15.81	18.64	25.19	0.33	
	3625	55990	1	0	7.55	8.55	11.09	17.64	0.06	
			1	49	7.92	8.74	11.36	17.91	0.06	
			1	99	7.97	7.92	10.96	17.51	0.06	
			100	0	15.26	16.62	19.00	25.55	0.36	
	3690	56640	1	0	8.38	7.83	11.12	17.67	0.06	
			1	49	7.97	8.46	11.24	17.79	0.06	
			1	99	7.83	7.72	10.78	17.33	0.05	
			100	0	15.85	15.49	18.68	25.23	0.33	

---End of Test Report---