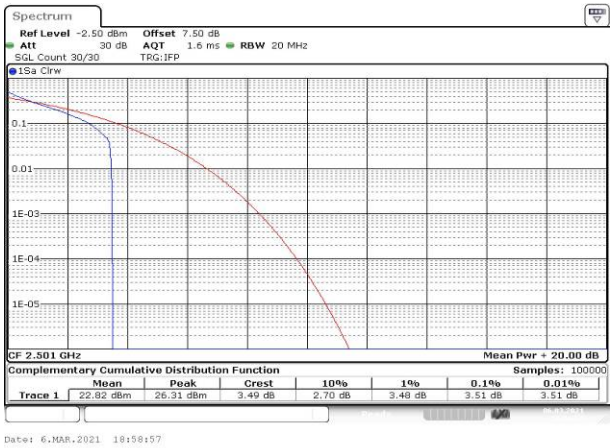

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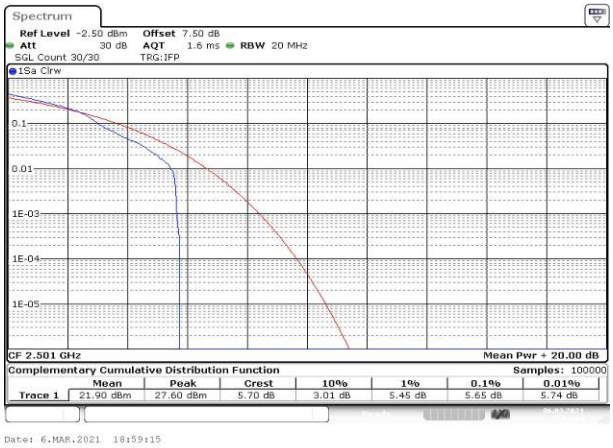

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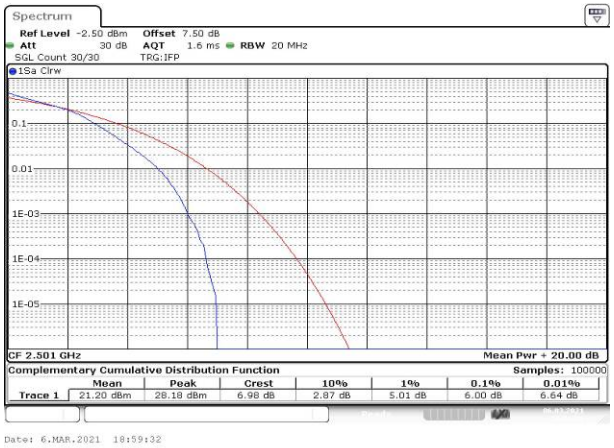

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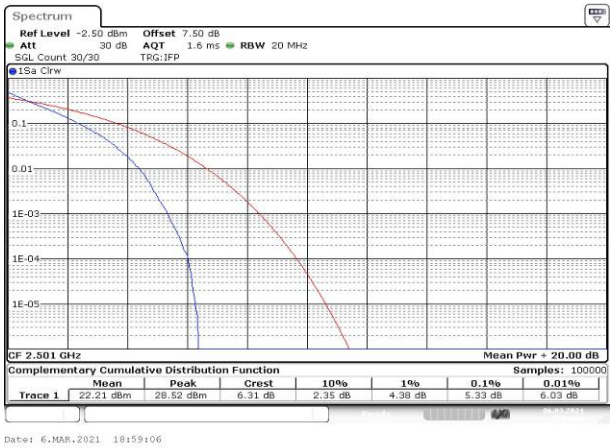

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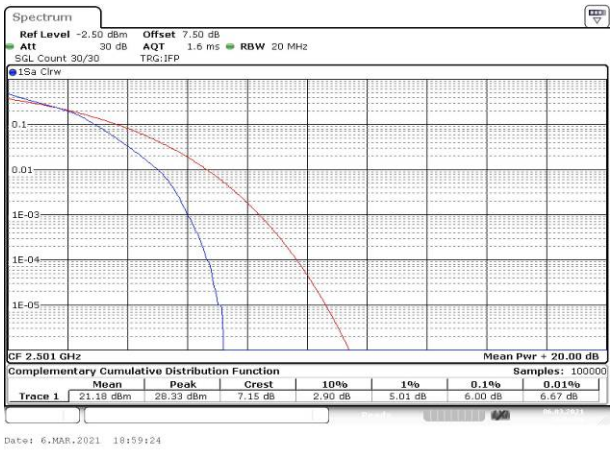

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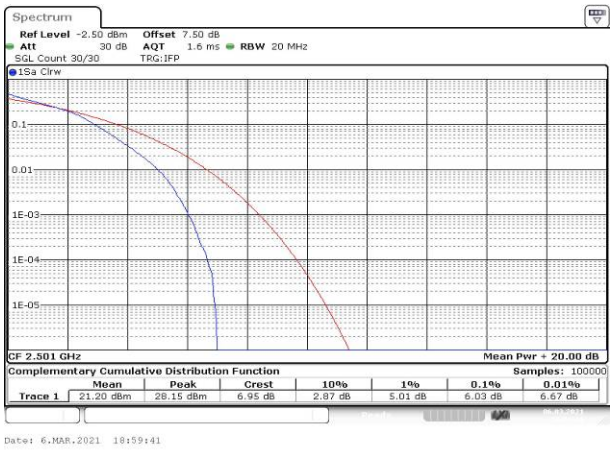

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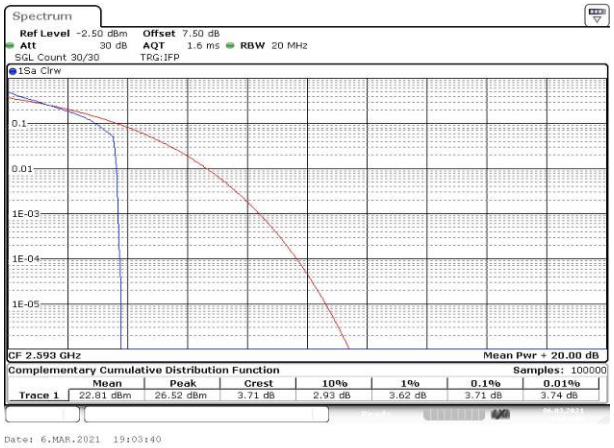

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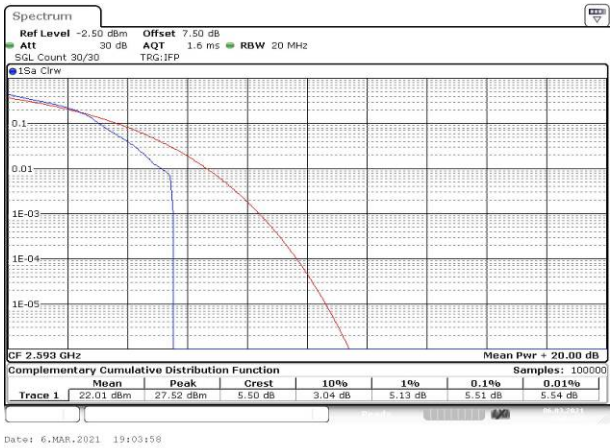

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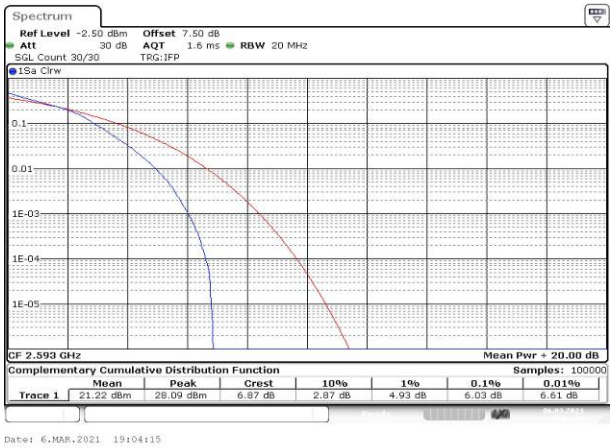

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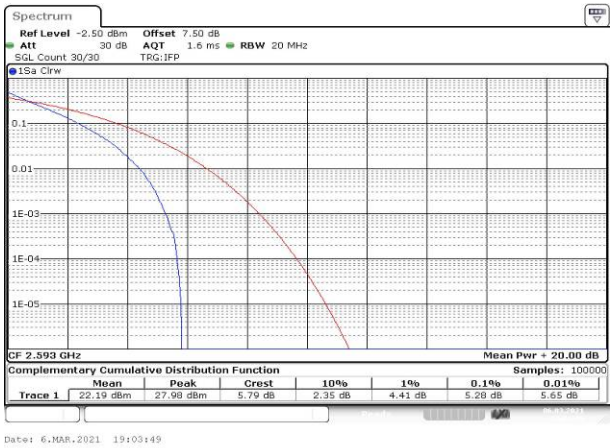

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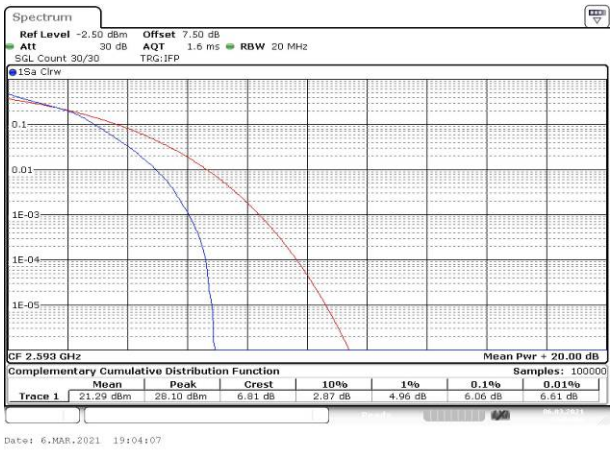

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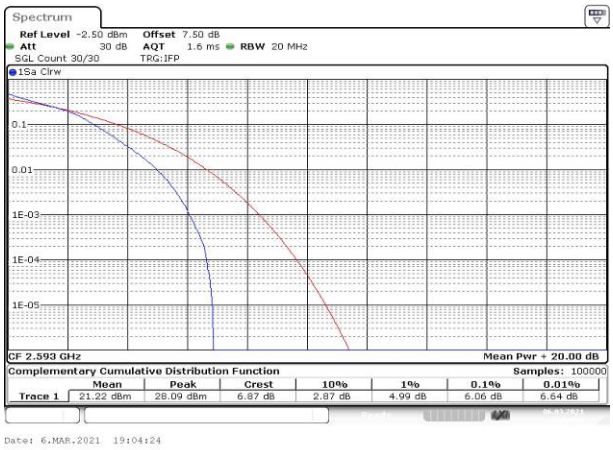

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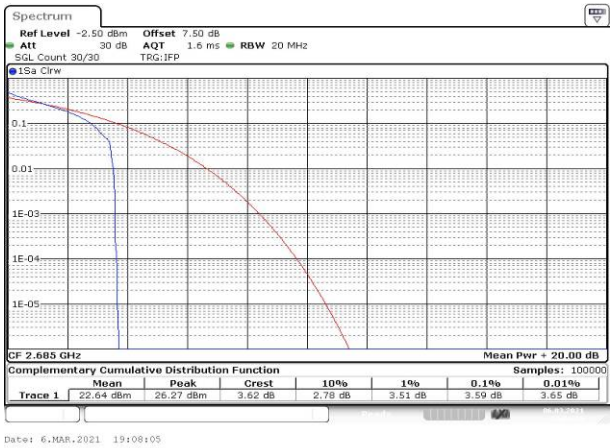

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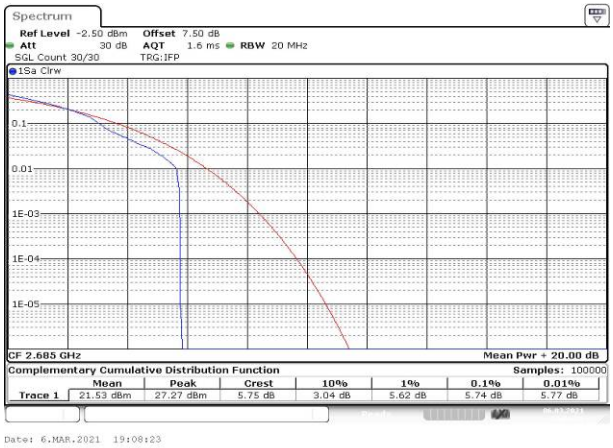

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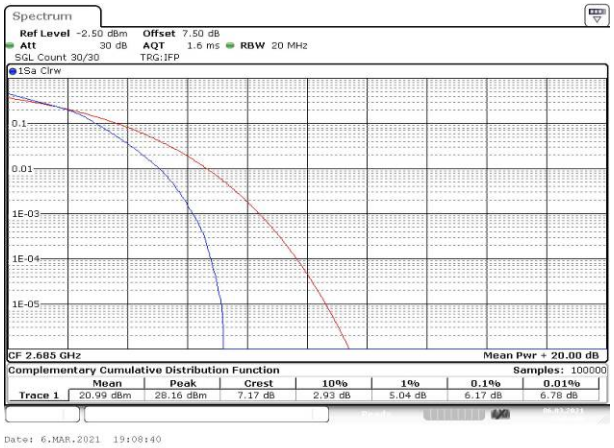

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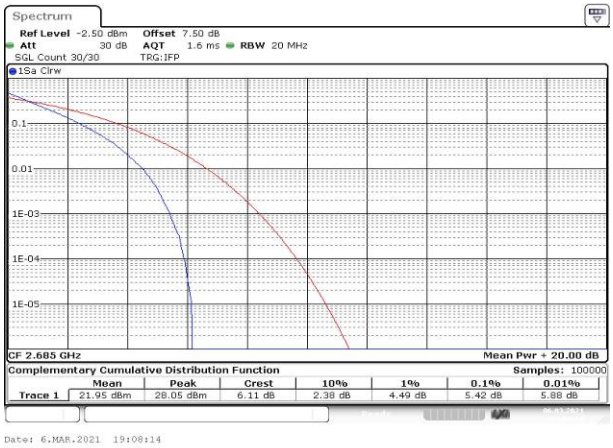

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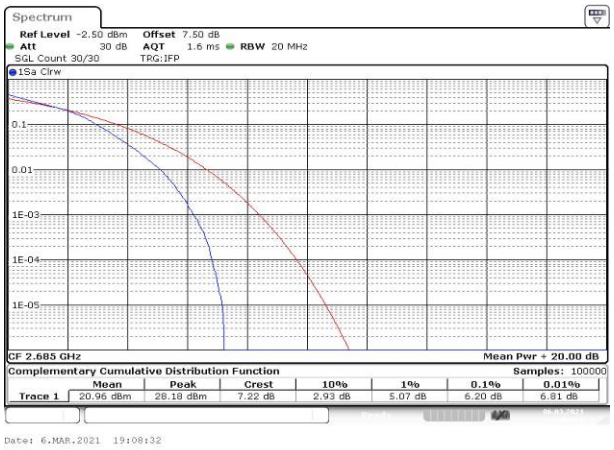

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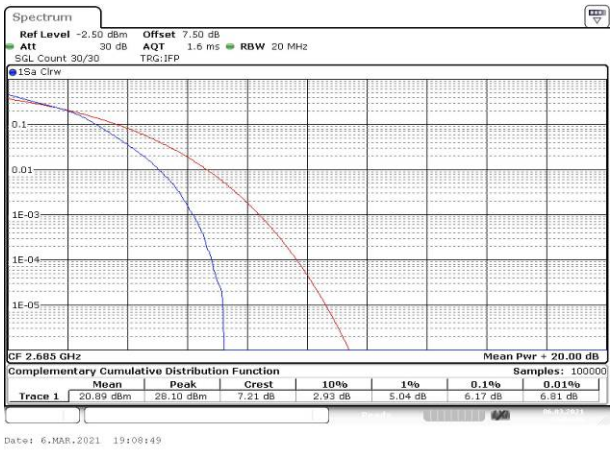

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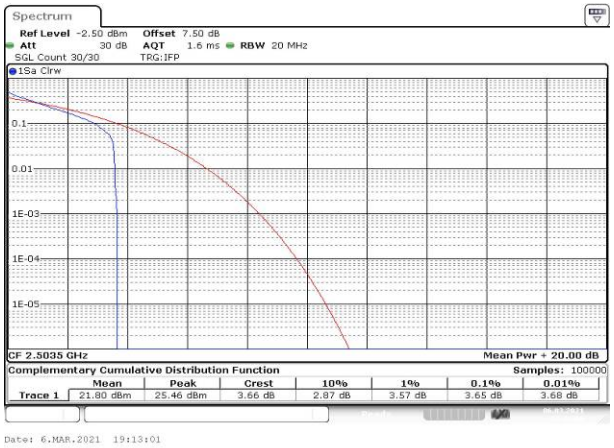

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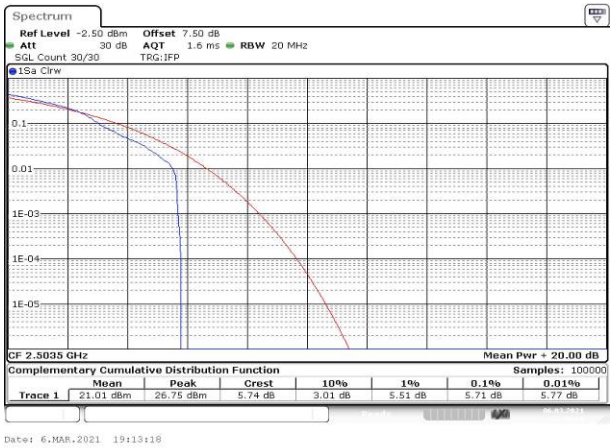

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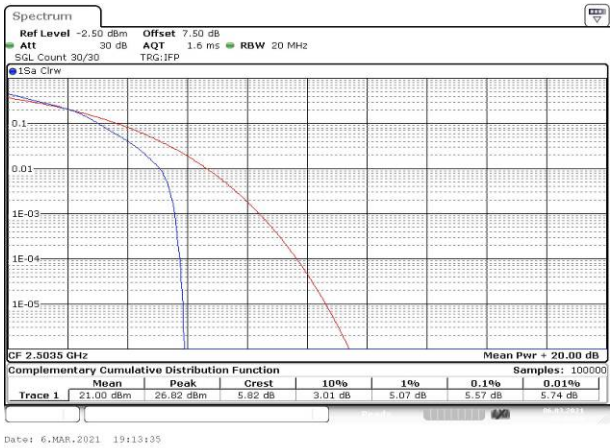

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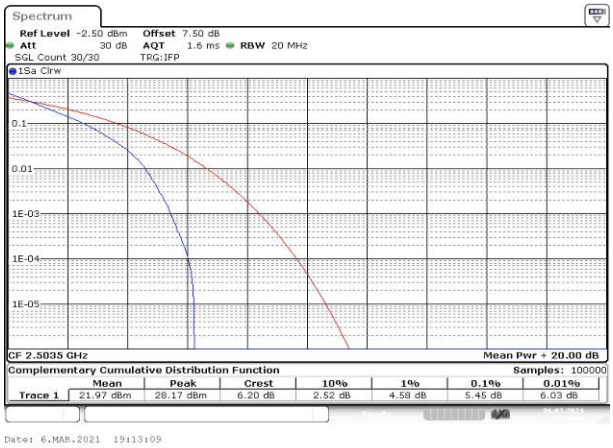

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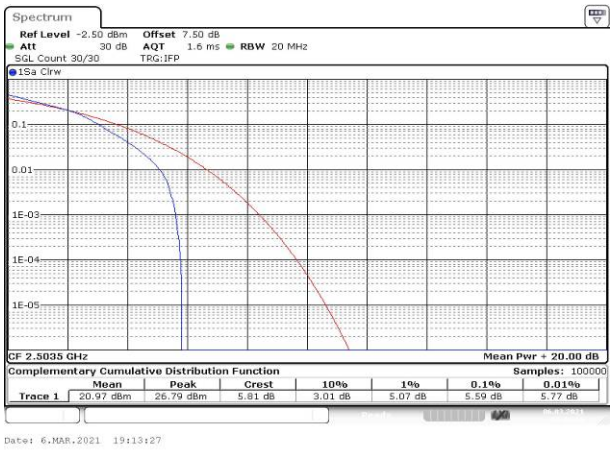

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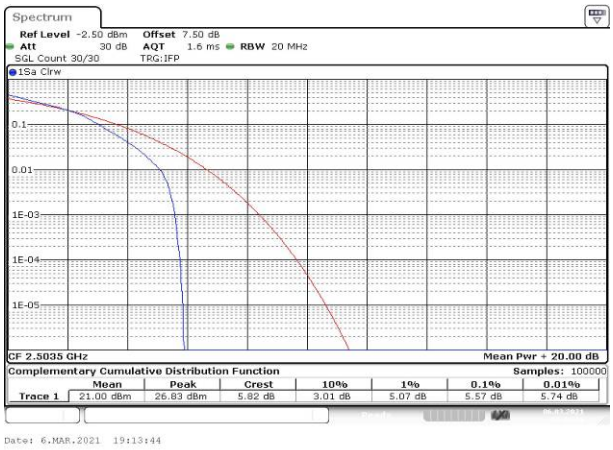

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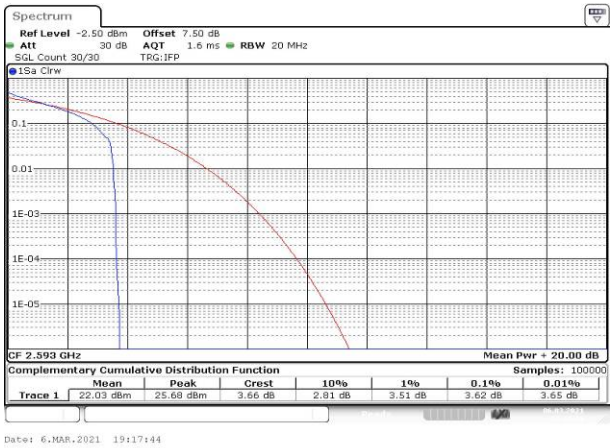

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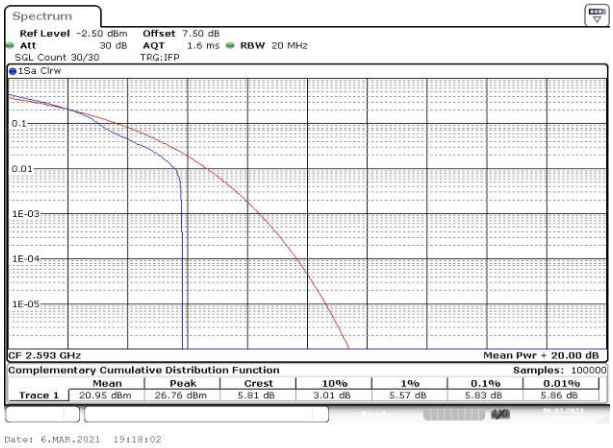

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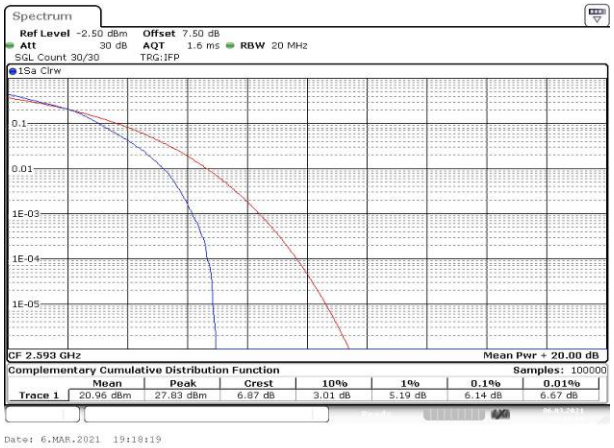

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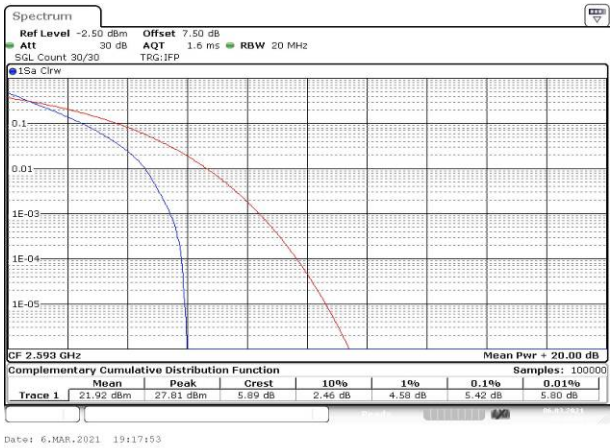

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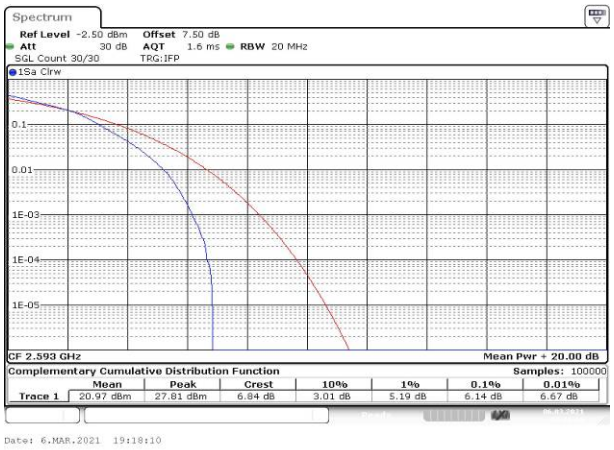

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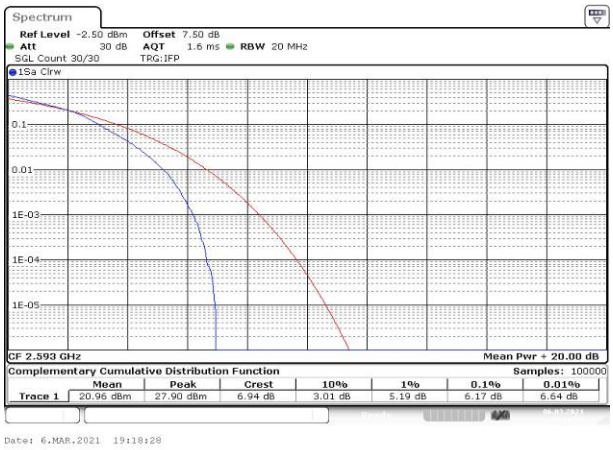

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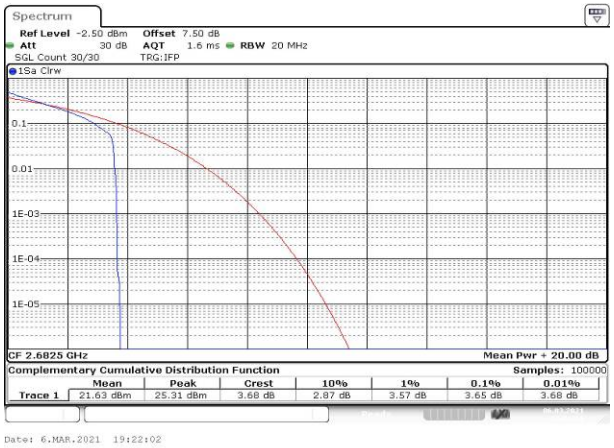

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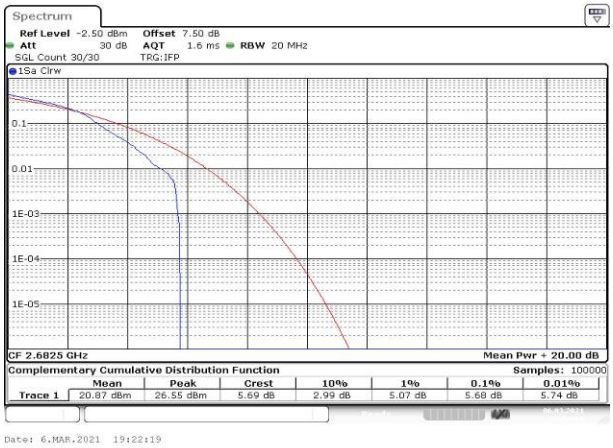

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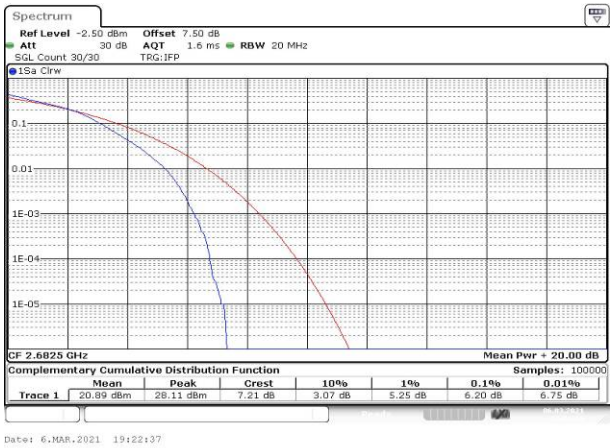

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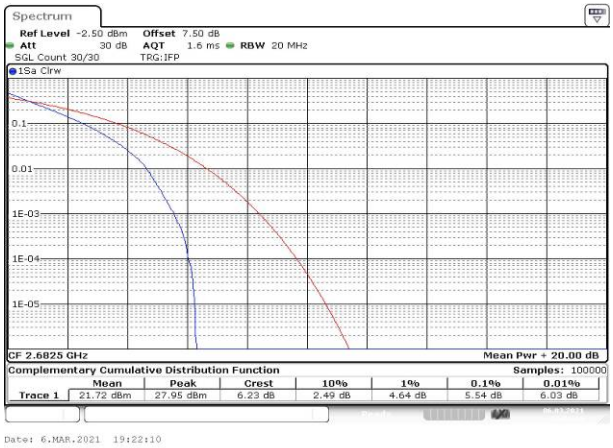

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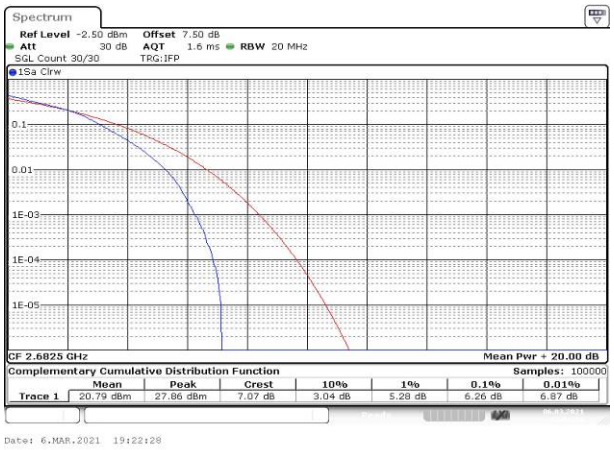

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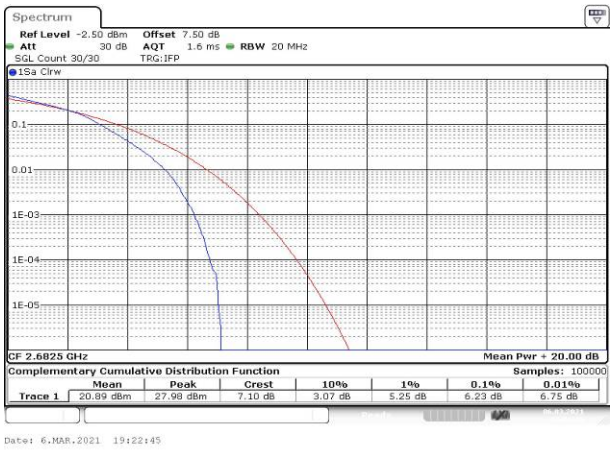

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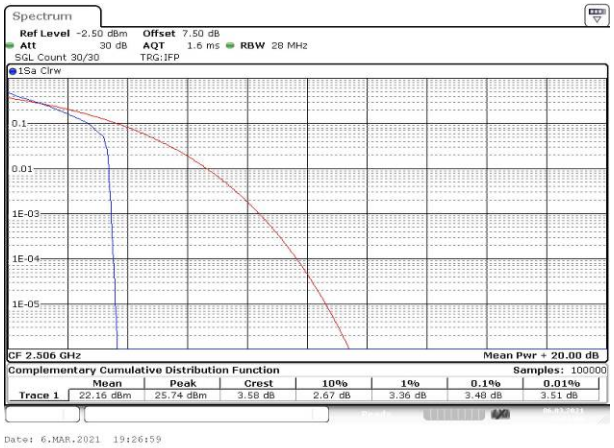

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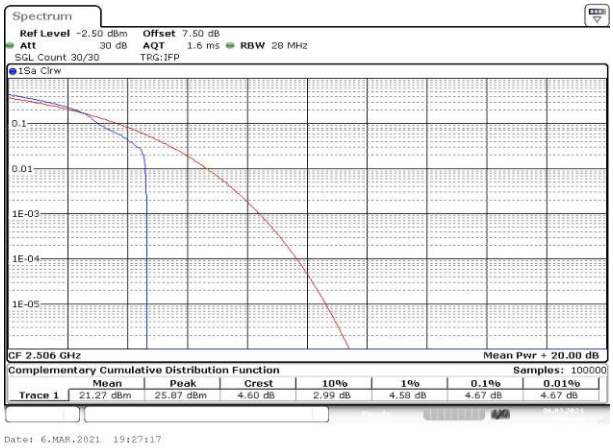

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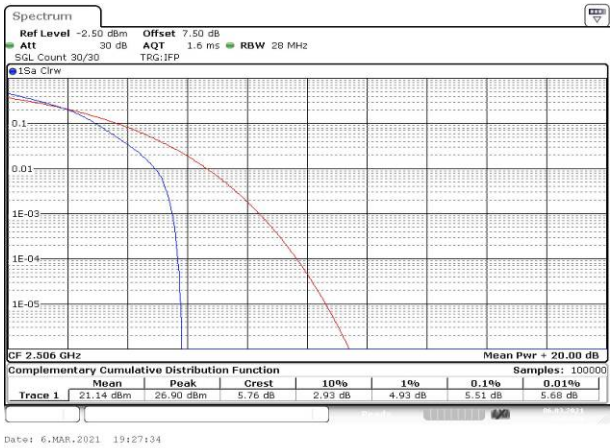

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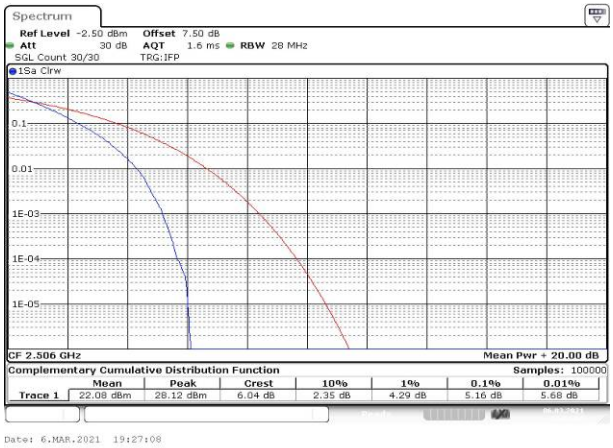

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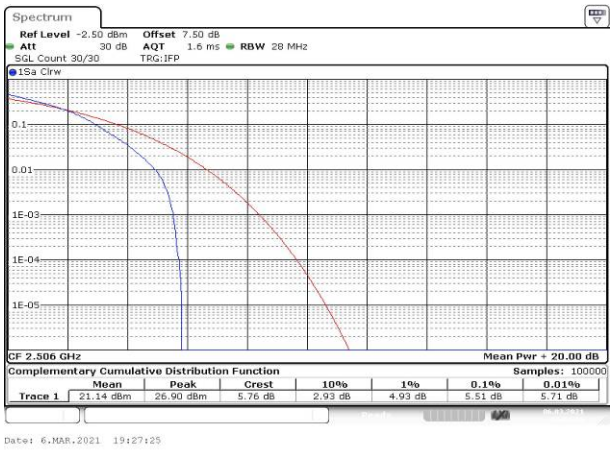

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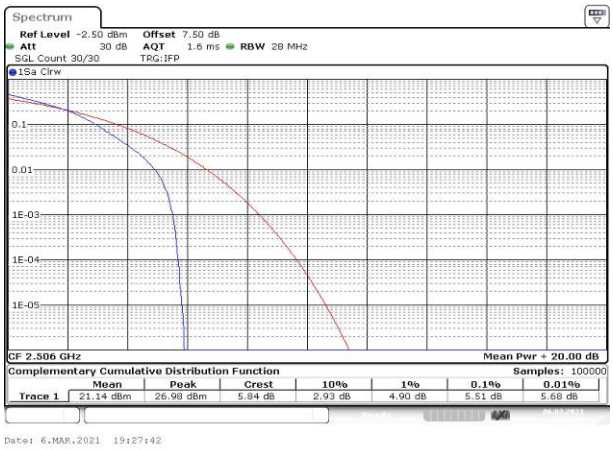

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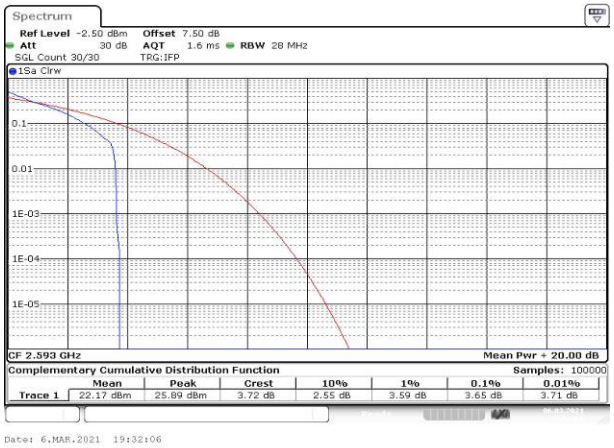
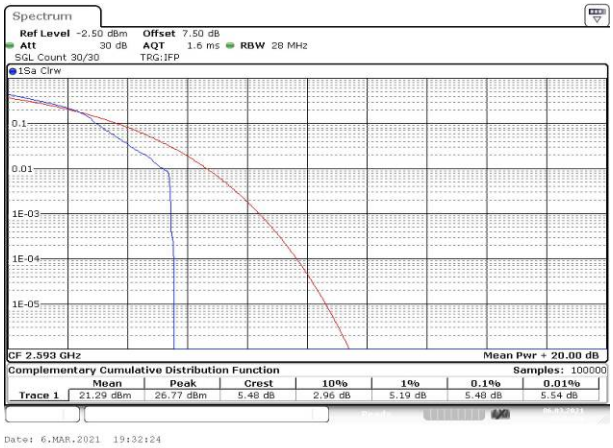


Fig.61



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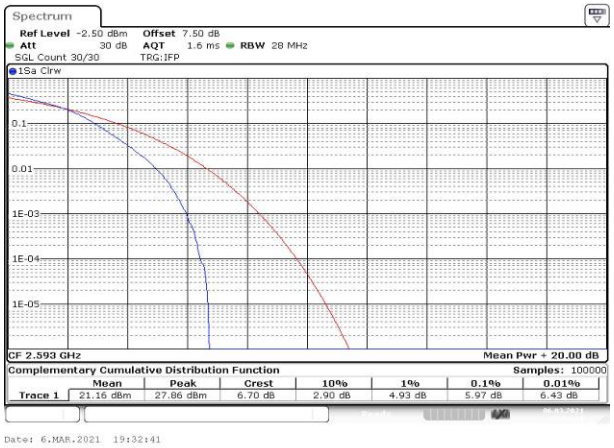
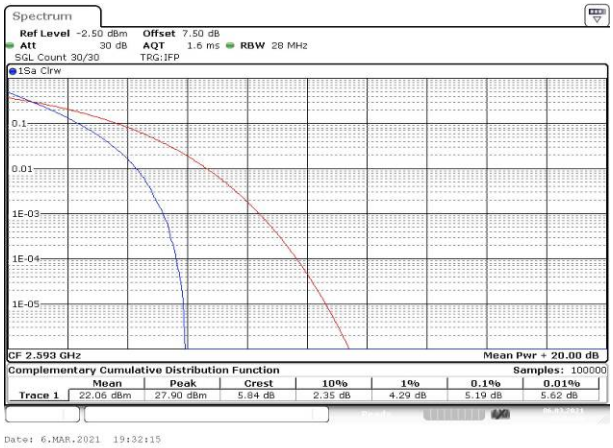


Fig.63



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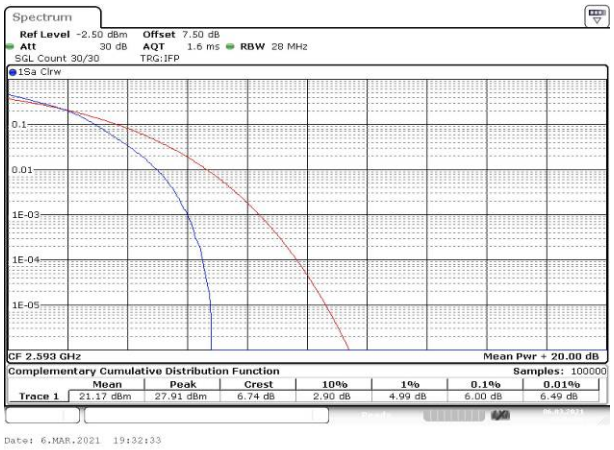

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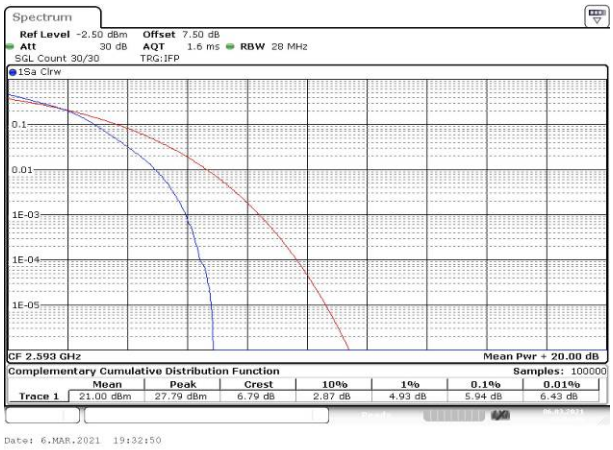

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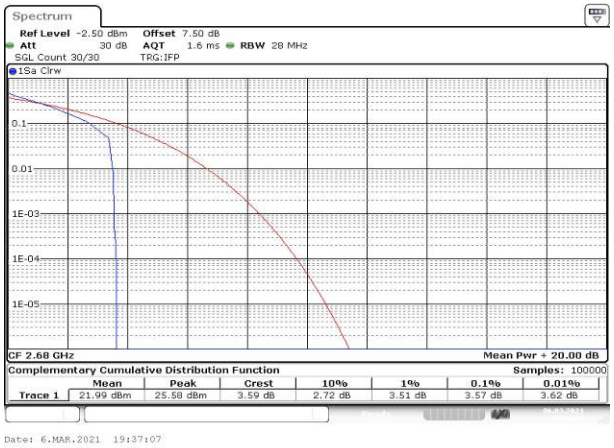

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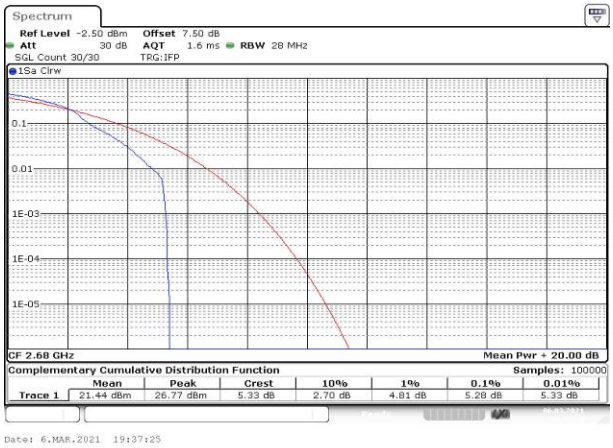

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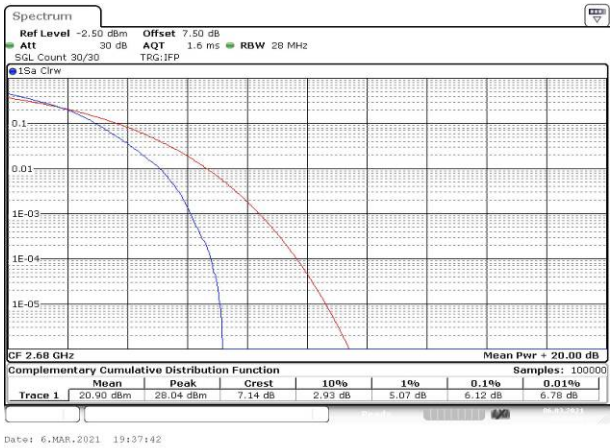

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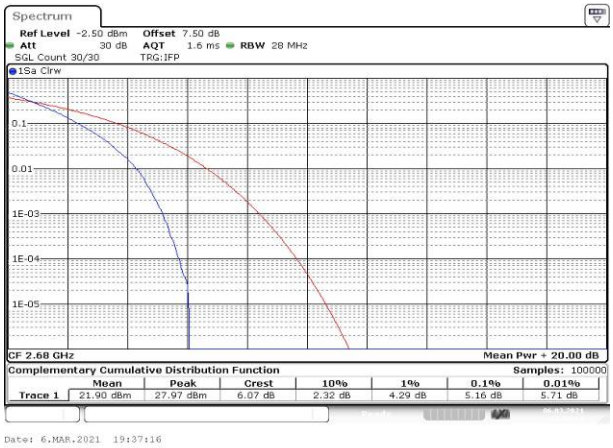

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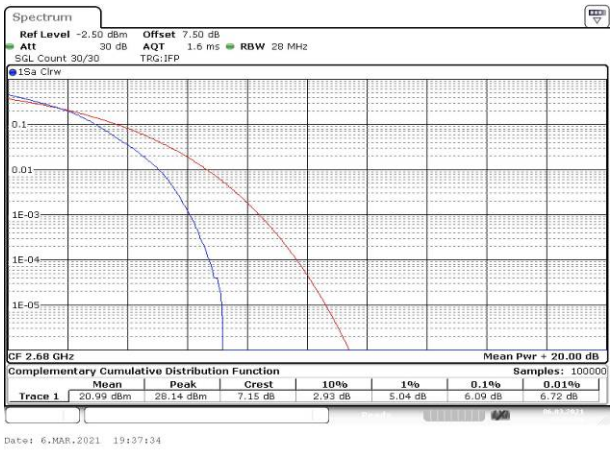

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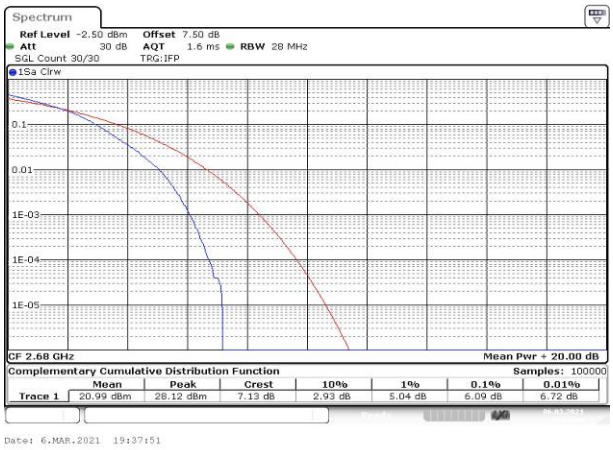

Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
41	2506	39750	20	1	0	Fig.1
	2593	40620		1	0	Fig.2
	2680	41490		1	0	Fig.3

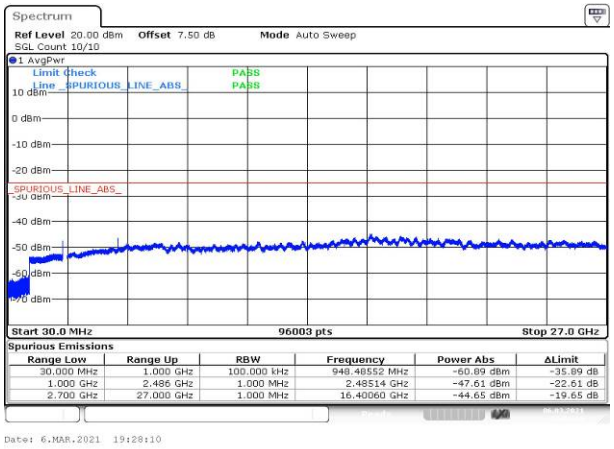

Fig.1

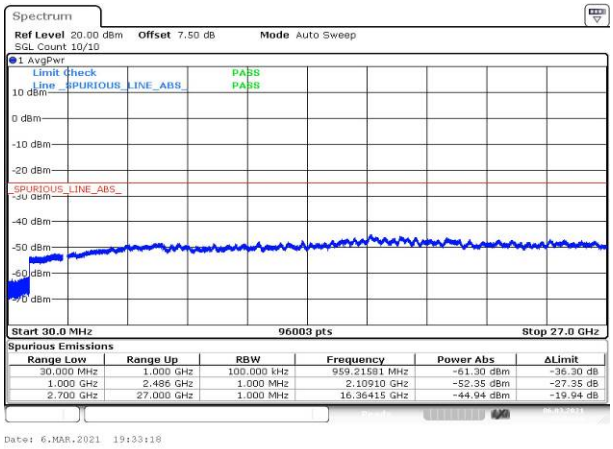

Fig.2

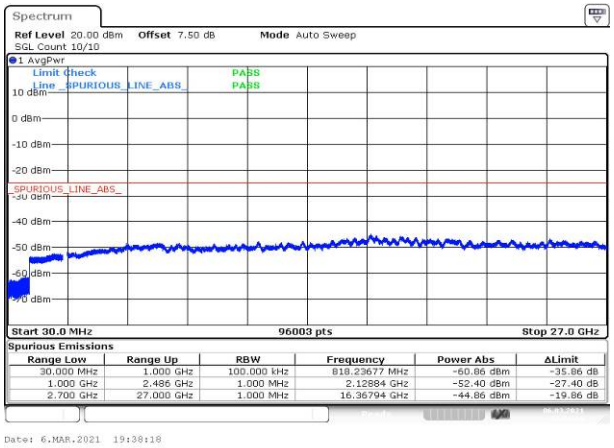

Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
41	2498.5	39675	5	1	0	Fig.1
				25	0	Fig.2
	2687.5	41565		1	24	Fig.3
				25	0	Fig.4
	2501	39700	10	1	0	Fig.5
				50	0	Fig.6
	2685	41540		1	49	Fig.7
				50	0	Fig.8
	2503.5	39725	15	1	0	Fig.9
				75	0	Fig.10
	2682.5	41515		1	74	Fig.11
				75	0	Fig.12
	2506	39750	20	1	0	Fig.13
				100	0	Fig.14
	2680	41490		1	99	Fig.15
				100	0	Fig.16

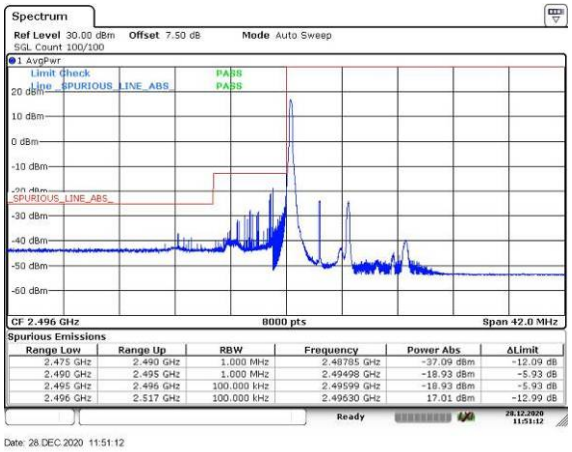

Fig.1

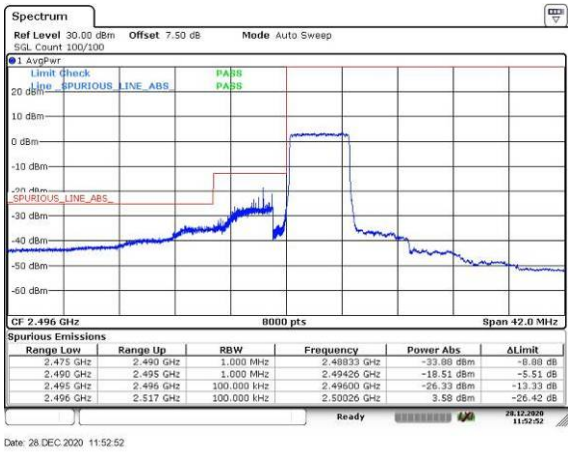

Fig.2

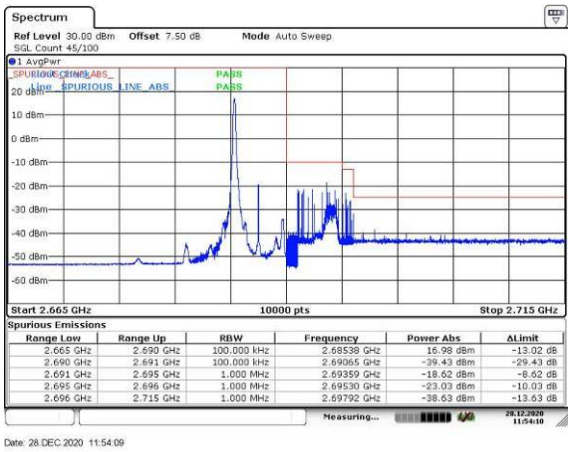

Fig.3

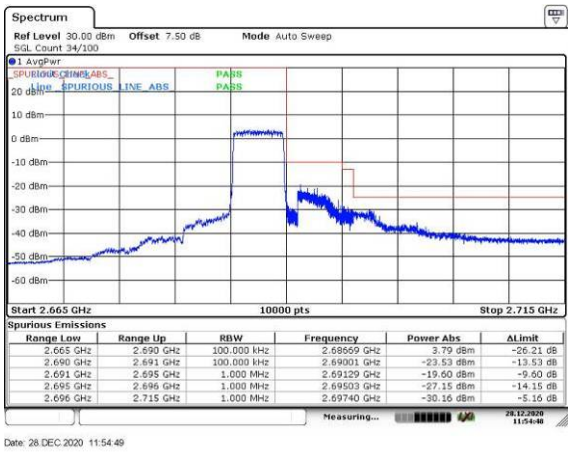

Fig.4

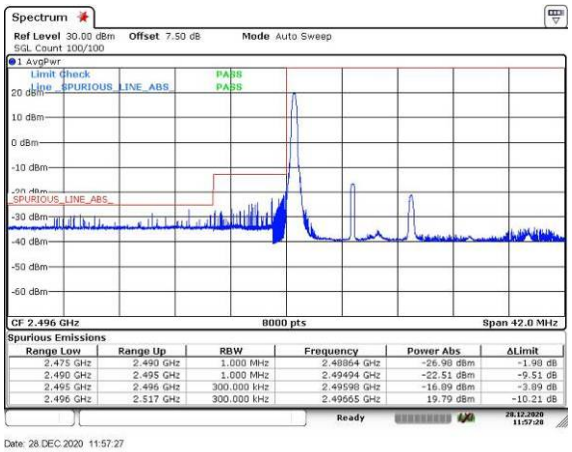

Fig.5

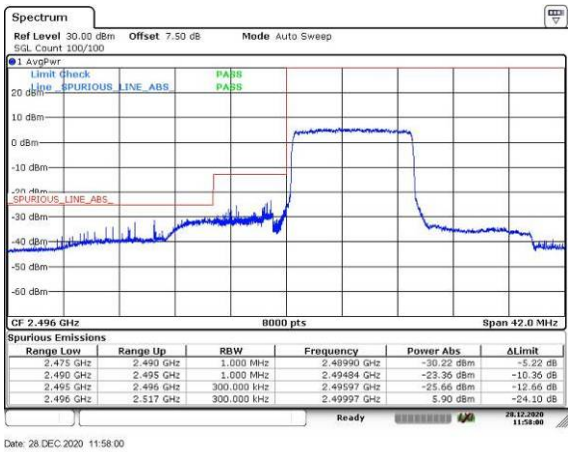

Fig.6

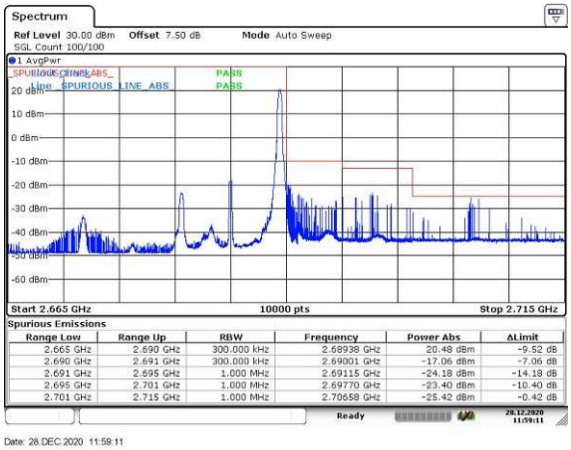

Fig.7

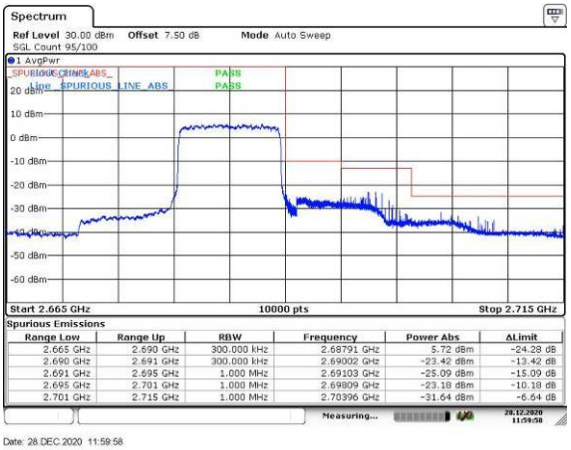

Fig.8

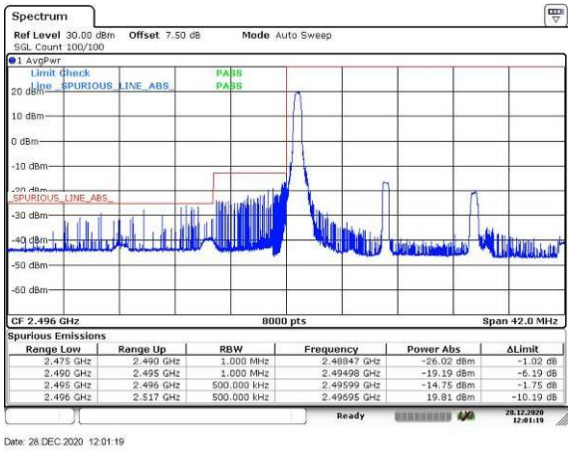

Fig.9

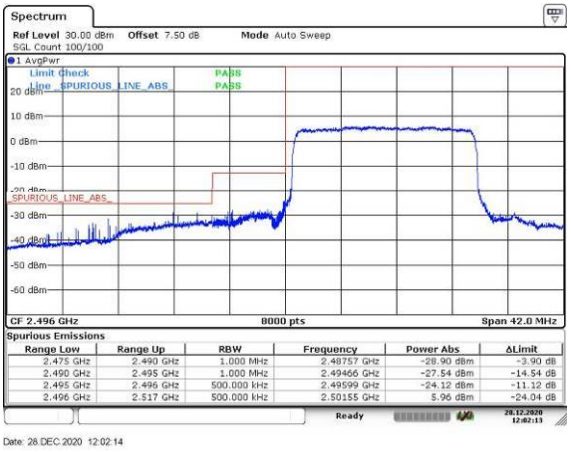

Fig.10

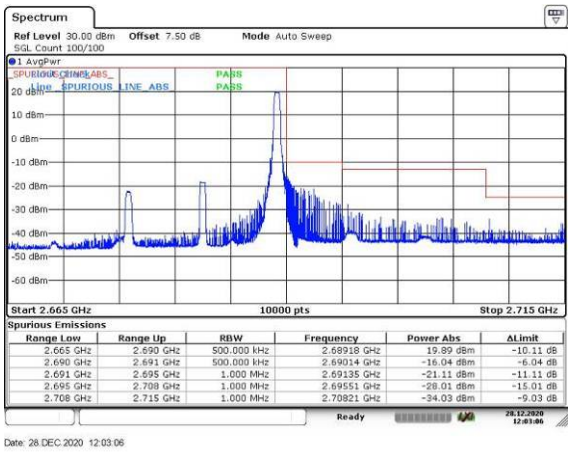

Fig.11

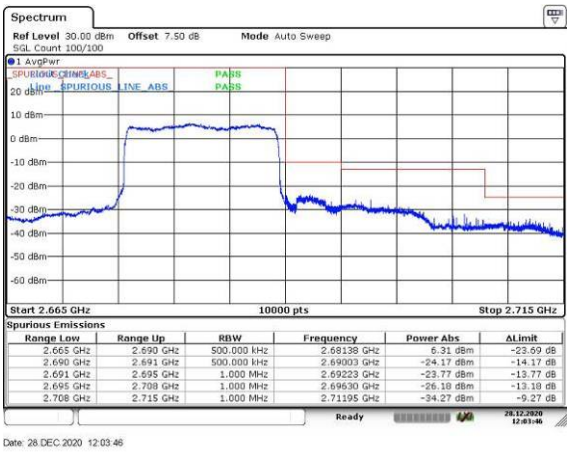

Fig.12

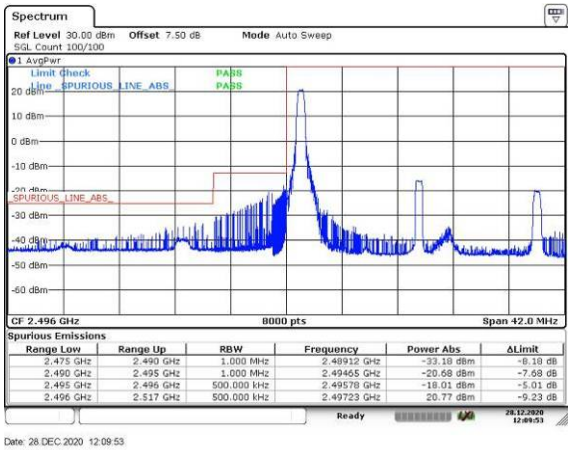

Fig.13

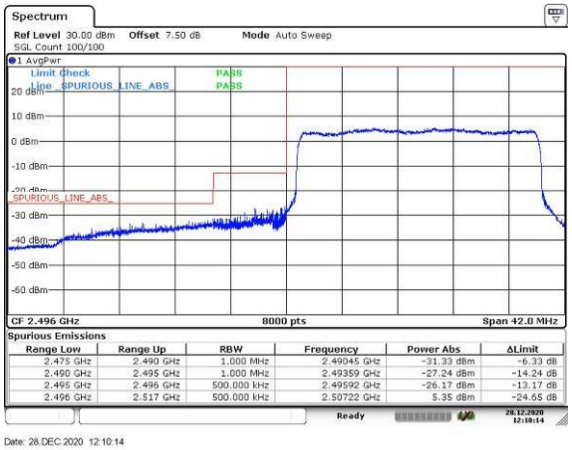

Fig.14

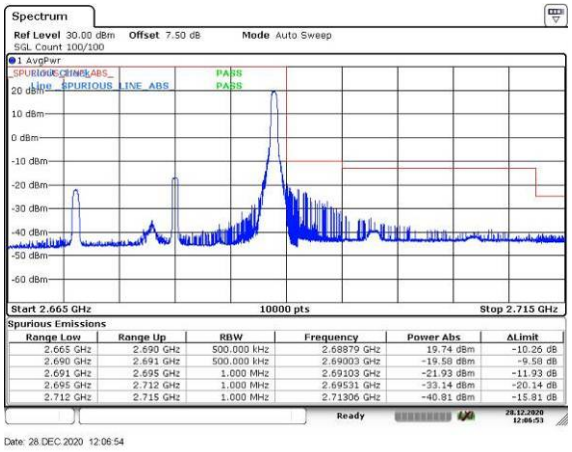

Fig.15

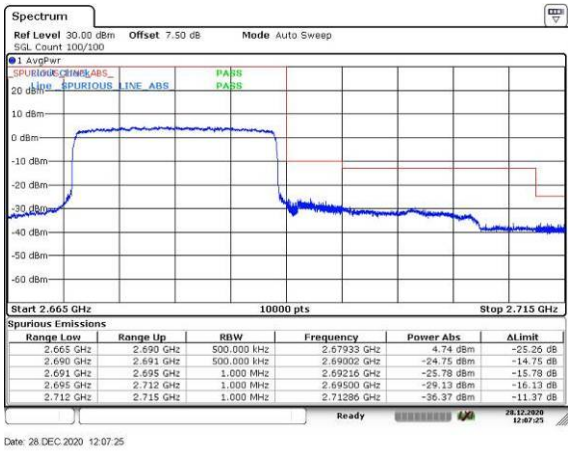

Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band41 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	0.001	-0.003	0.002	0.001
0	NV	---	---	-0.003	-0.004	-0.004	0.001
+10	NV	---	---	-0.005	0.000	-0.002	-0.003
+20	NV	---	---	0.000	0.000	0.000	0.000
+30	NV	---	---	-0.001	-0.001	0.001	-0.006
+40	NV	---	---	0.002	0.000	0.000	-0.003
+50	NV	---	---	-0.005	-0.004	-0.002	-0.001
+55	NV	---	---	-0.003	0.002	0.004	0.002
+20	LV	---	---	-0.003	0.000	-0.004	0.001
+20	HV	---	---	-0.006	-0.001	-0.004	-0.001

Temperature(°C)	Voltage	Test Result (ppm) Band41 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	-0.010	-0.004	-0.006	-0.004
0	NV	---	---	-0.004	-0.001	-0.005	-0.003
+10	NV	---	---	-0.010	-0.004	-0.006	-0.004
+20	NV	---	---	0.000	0.000	0.000	0.000
+30	NV	---	---	0.004	0.003	-0.005	-0.002
+40	NV	---	---	-0.006	-0.004	-0.002	-0.004
+50	NV	---	---	-0.005	-0.001	-0.004	-0.003
+55	NV	---	---	-0.007	-0.003	-0.006	-0.002
+20	NV	---	---	-0.005	-0.002	-0.003	-0.004
+20	LV	---	---	-0.006	-0.003	-0.002	-0.004
+20	HV	---	---	-0.005	-0.002	0.000	-0.002

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2498.5	39675	5	1	0	25.01	26.51	0.448
				1	12	25.09	26.59	0.456
				1	24	25.08	26.58	0.455
				12	0	24.11	25.61	0.364
				12	7	24.10	25.60	0.363
				12	13	24.09	25.59	0.362
				25	0	24.12	25.62	0.365
	2593	40620		1	0	24.99	26.49	0.446
				1	12	25.06	26.56	0.453
				1	24	25.09	26.59	0.456
				12	0	24.11	25.61	0.364
				12	7	24.17	25.67	0.369
				12	13	24.16	25.66	0.368
				25	0	24.11	25.61	0.364
	2687.5	41565		1	0	24.66	26.16	0.413
				1	12	24.66	26.16	0.413
				1	24	24.65	26.15	0.412
				12	0	23.72	25.22	0.333
				12	7	23.74	25.24	0.334
				12	13	23.73	25.23	0.333
				25	0	23.76	25.26	0.336
16QAM	2498.5	39675		1	0	24.54	26.04	0.402
				1	12	24.56	26.06	0.404
				1	24	24.53	26.03	0.401
				12	0	23.04	24.54	0.284
				12	7	23.06	24.56	0.286
				12	13	23.06	24.56	0.286
				25	0	23.14	24.64	0.291
	2593	40620		1	0	24.28	25.78	0.378
				1	12	24.34	25.84	0.384
				1	24	24.31	25.81	0.381
				12	0	23.11	24.61	0.289
				12	7	23.13	24.63	0.290
				12	13	23.20	24.70	0.295
				25	0	23.13	24.63	0.290
	2687.5	41565		1	0	24.14	25.64	0.366
				1	12	24.06	25.56	0.360
				1	24	24.09	25.59	0.362
				12	0	22.82	24.32	0.270
				12	7	22.76	24.26	0.267
				12	13	22.76	24.26	0.267
				25	0	22.77	24.27	0.267