				Fig.19			

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	23.48 dBm	28.33 dBm	4.85 dB	2.70 dB	4.26 dB	4.75 dB	4.84 dB

Fig.19

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	22.14 dBm	28.05 dBm	5.91 dB	3.13 dB	5.04 dB	5.80 dB	5.91 dB

Fig.20

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	21.98 dBm	28.73 dBm	6.75 dB	2.99 dB	5.01 dB	6.03 dB	6.67 dB

Fig.21

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	23.01 dBm	29.27 dBm	6.27 dB	2.52 dB	4.49 dB	5.51 dB	6.06 dB

Fig.22

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	21.96 dBm	29.09 dBm	7.13 dB	3.01 dB	5.16 dB	6.38 dB	6.93 dB

Fig.23

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	21.89 dBm	28.86 dBm	6.97 dB	2.99 dB	5.07 dB	6.32 dB	6.75 dB

Fig.24

Fig.25

Fig.26

Fig.27

Fig.28
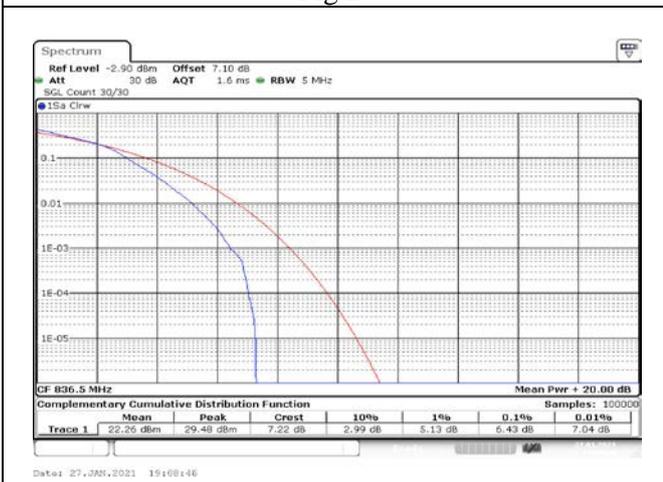
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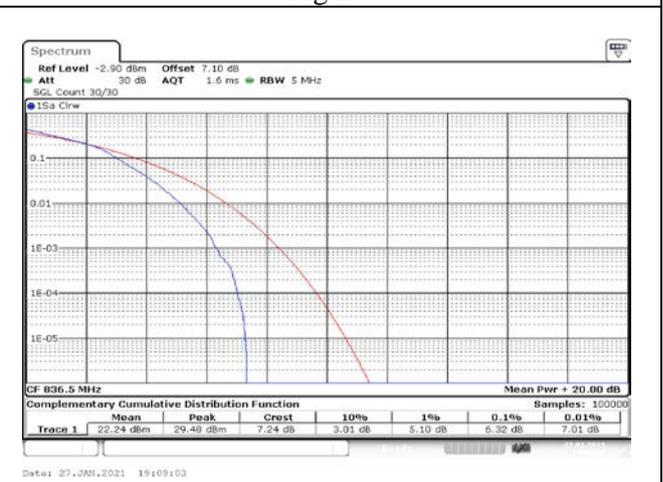
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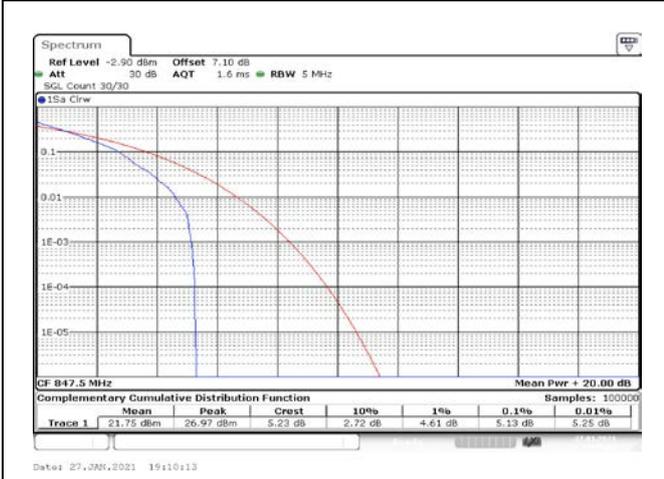
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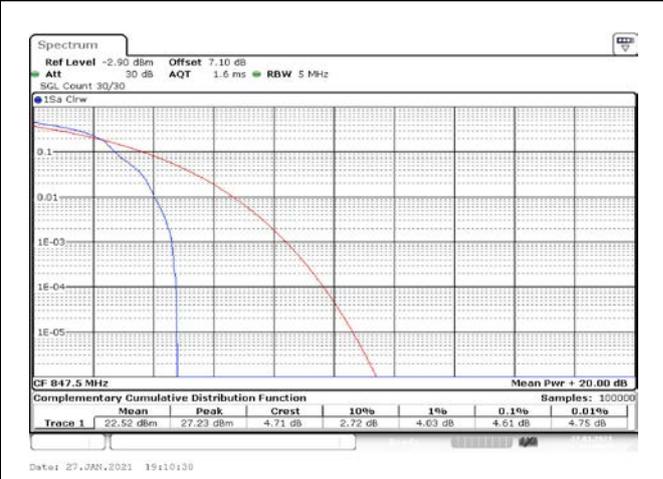
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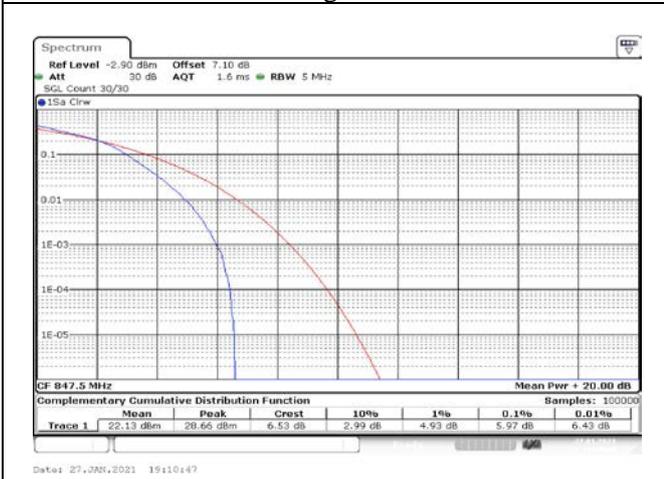
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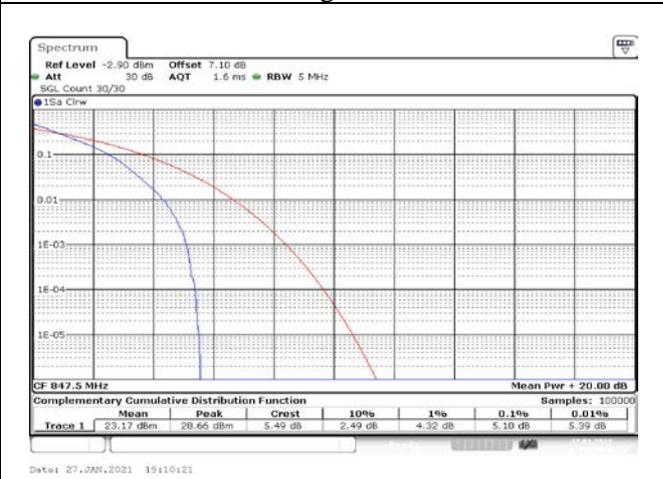
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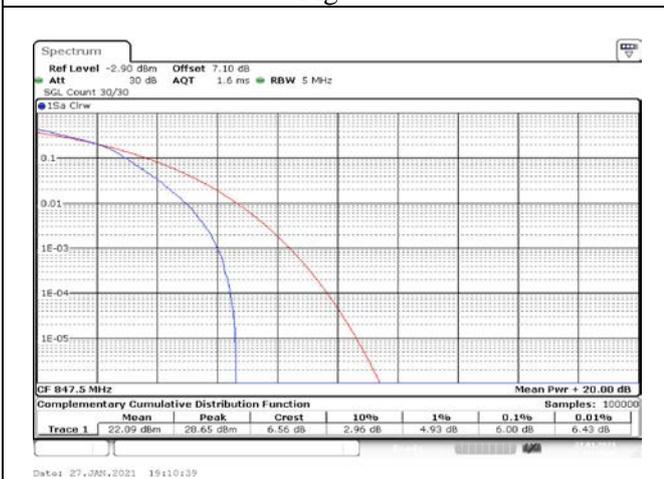
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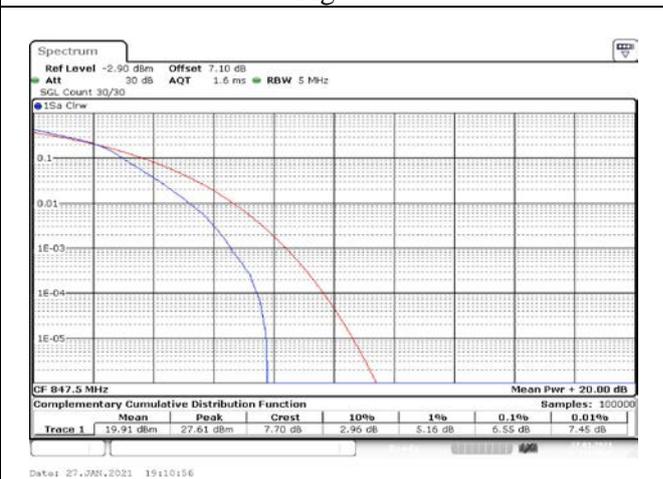
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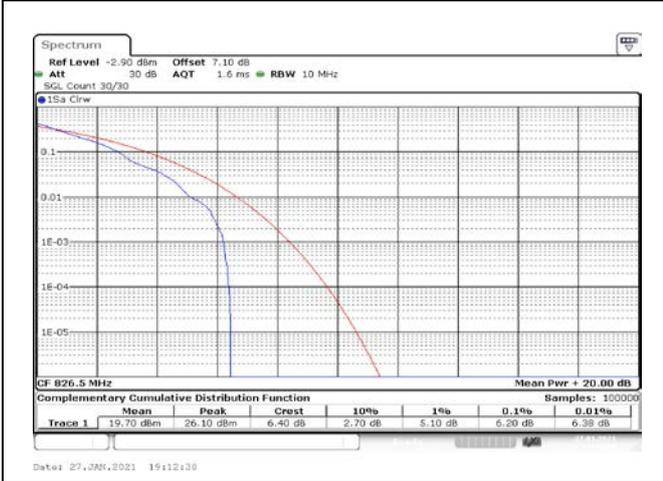
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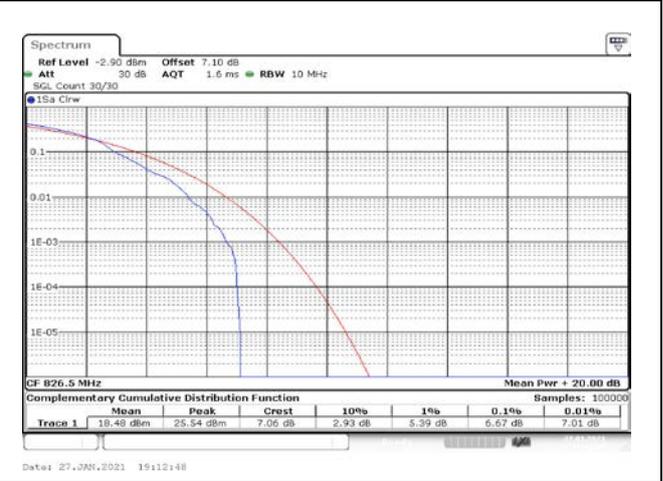
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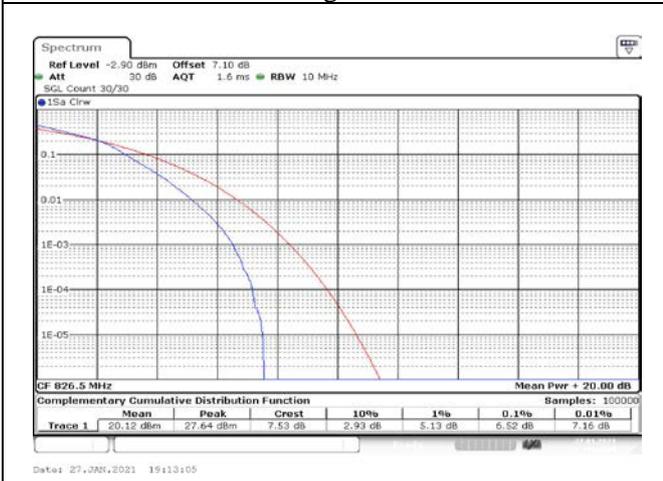
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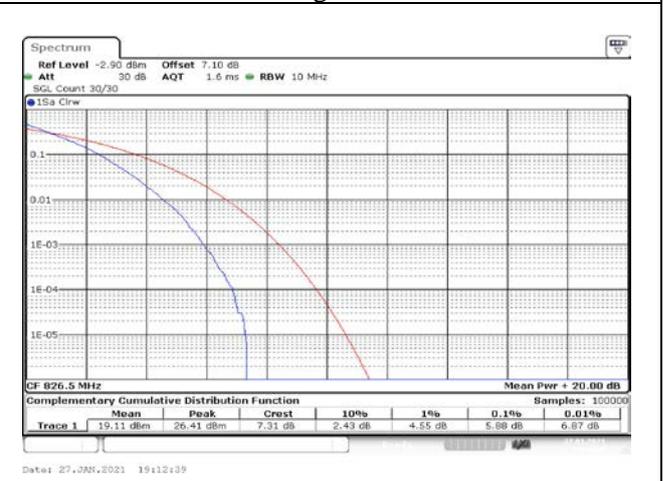
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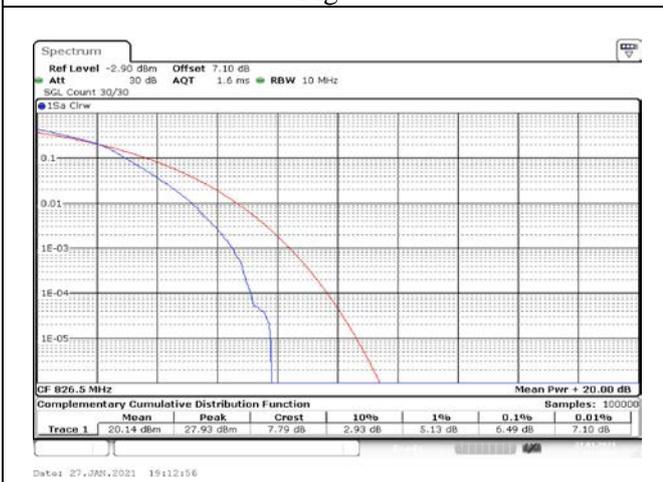
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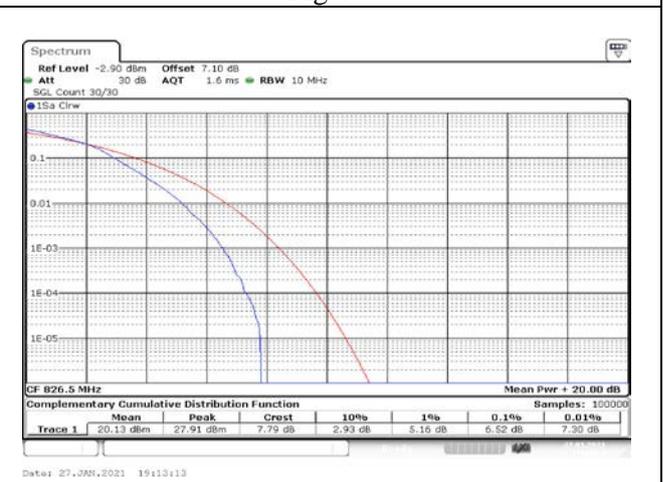
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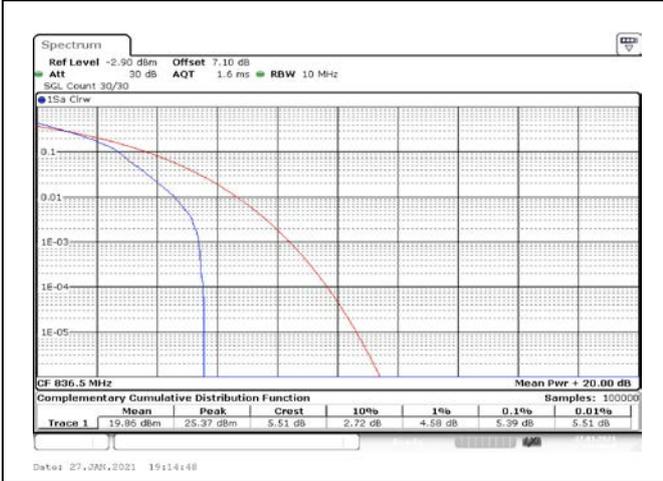
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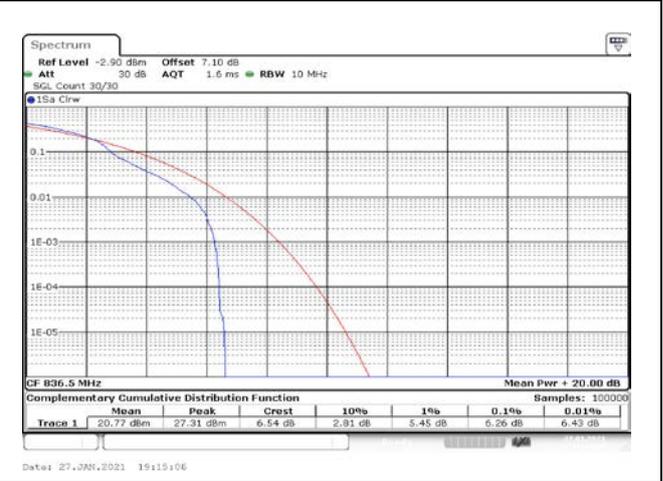
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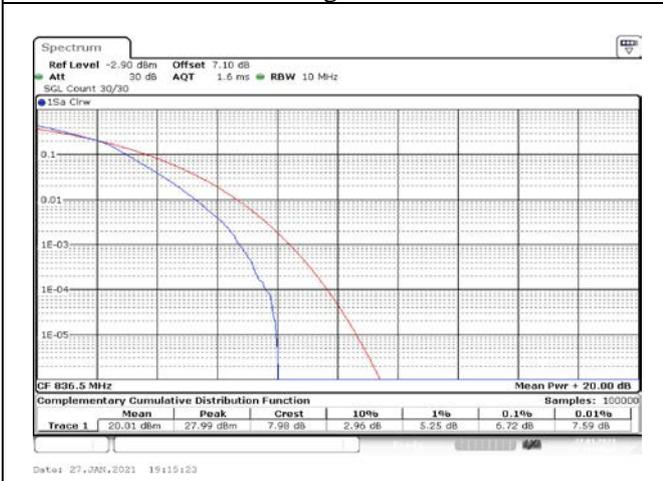
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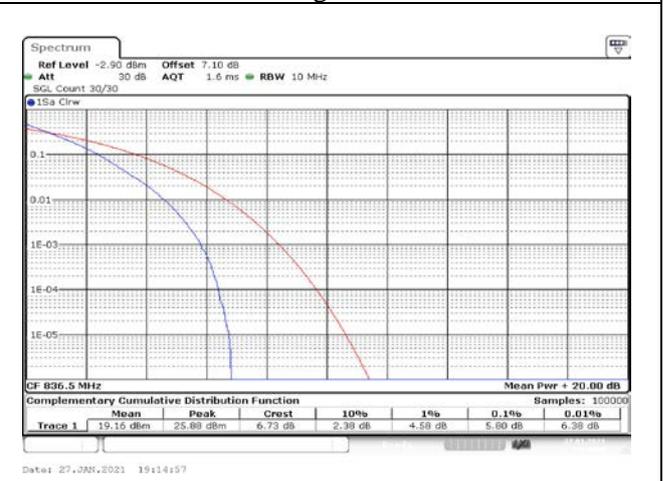
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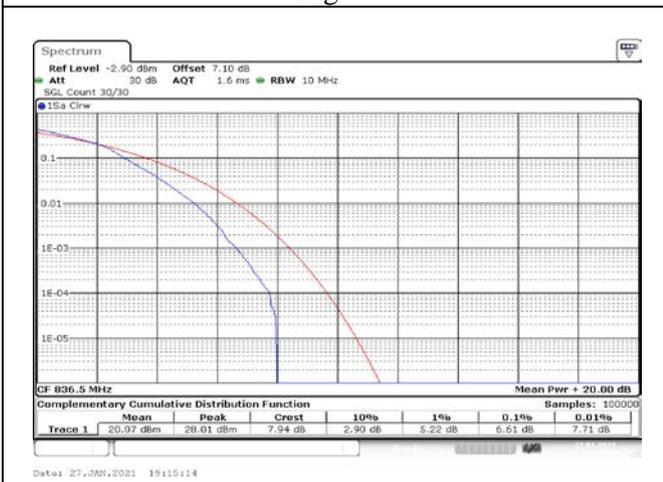
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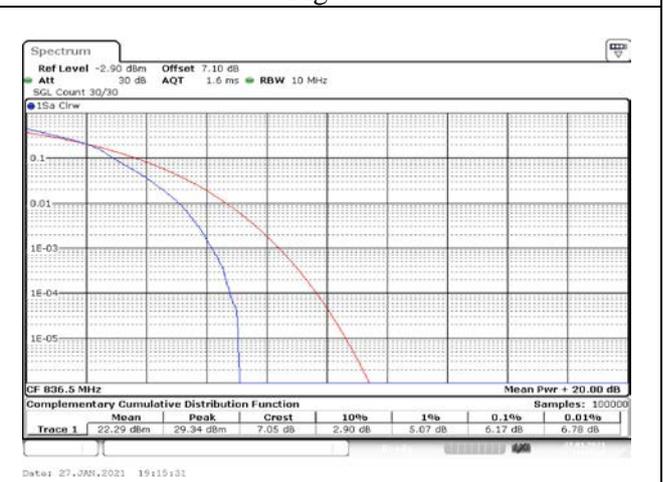
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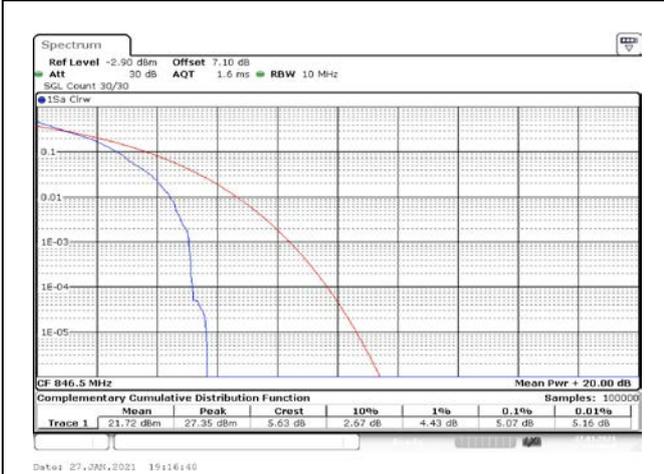
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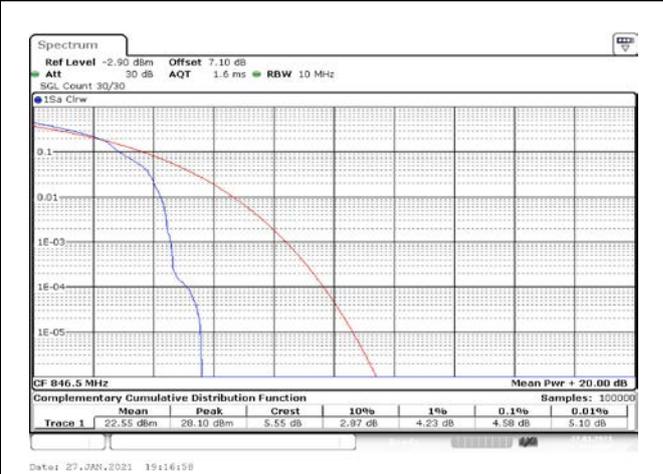
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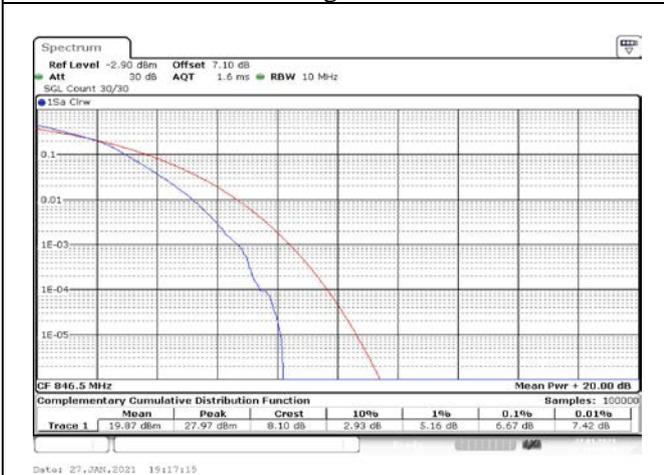
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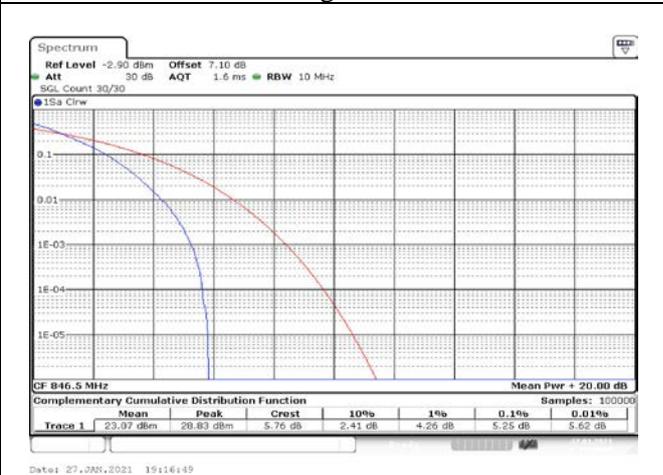
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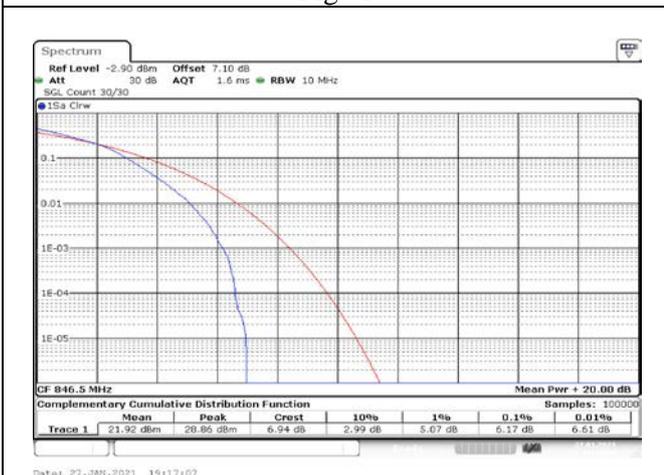
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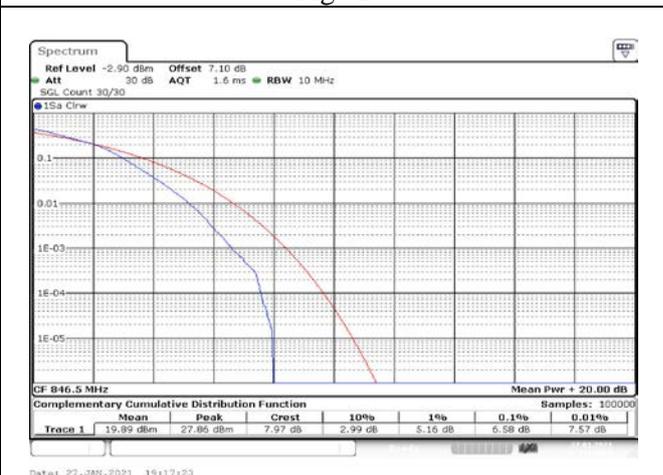
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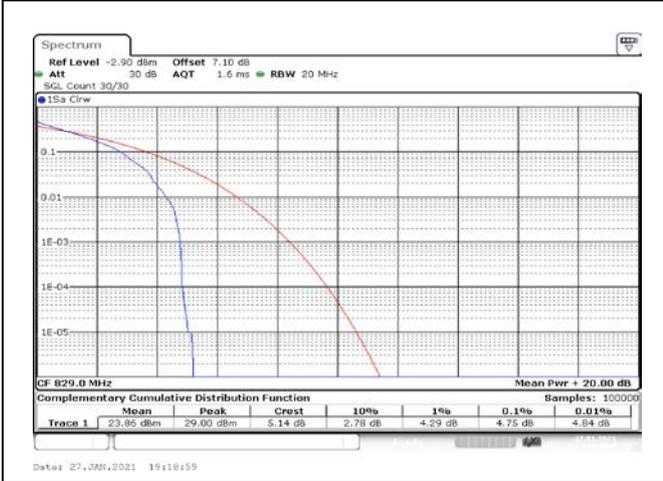
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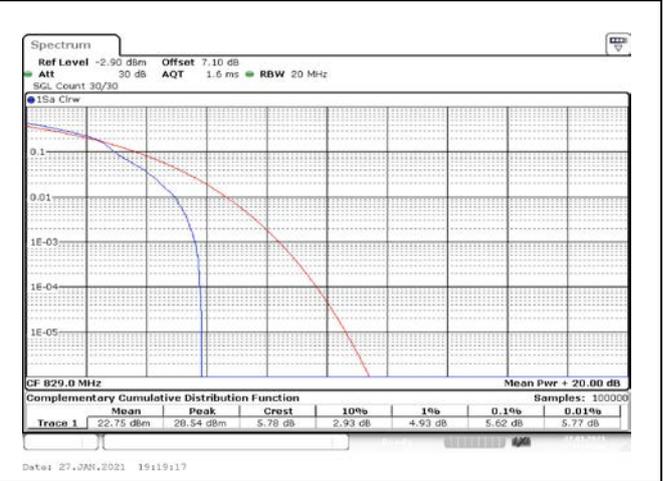
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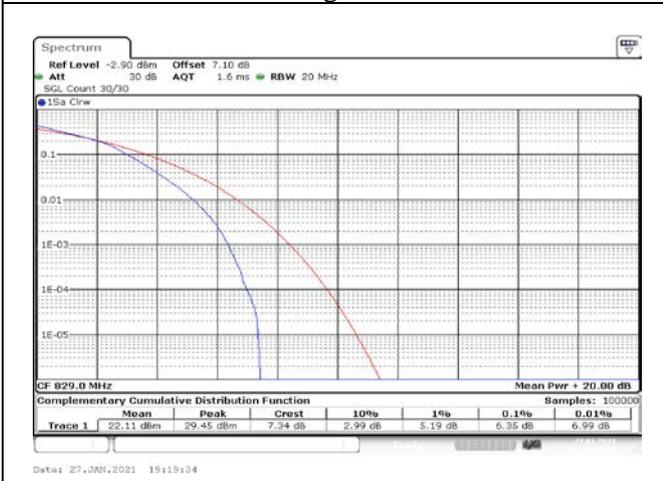
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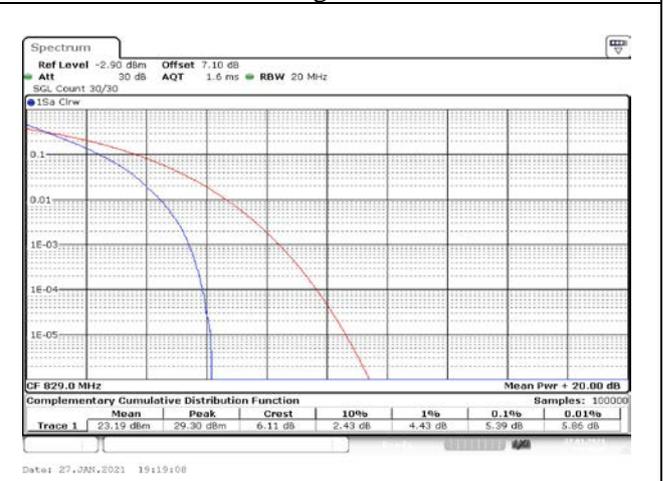
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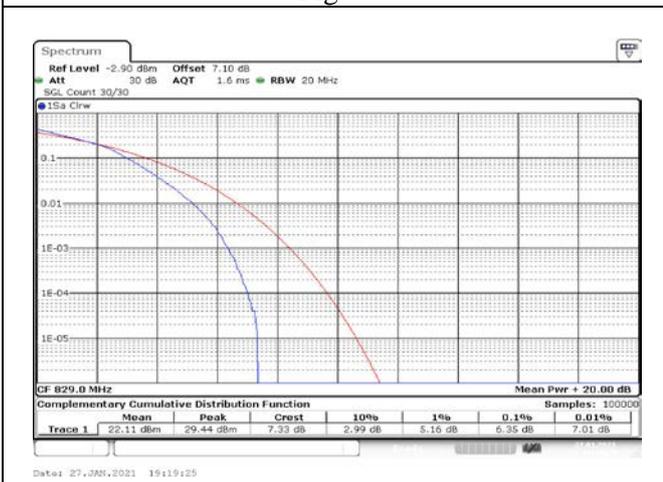
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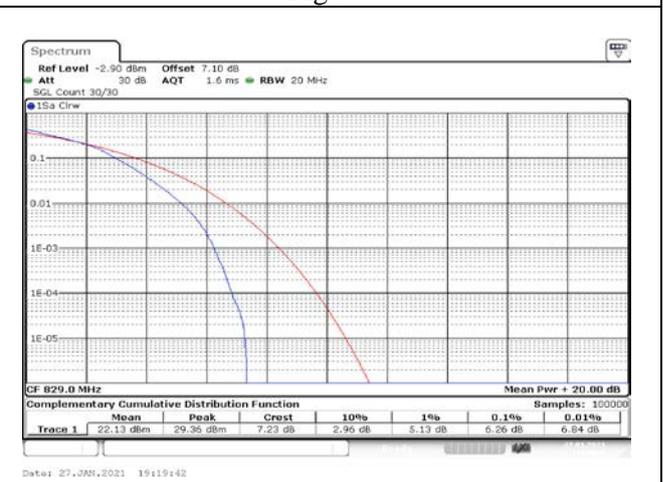
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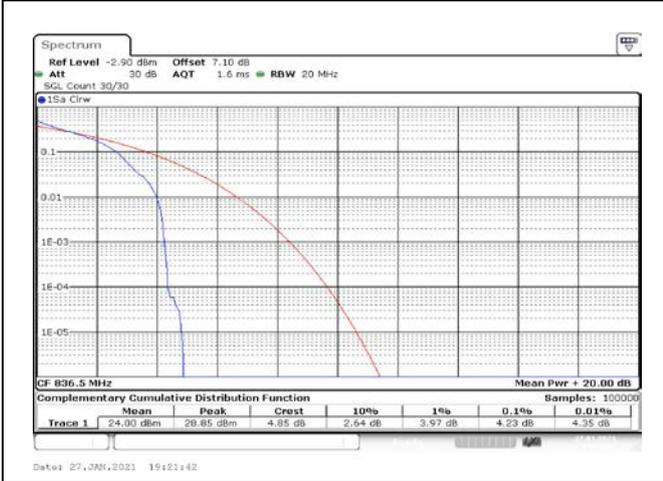
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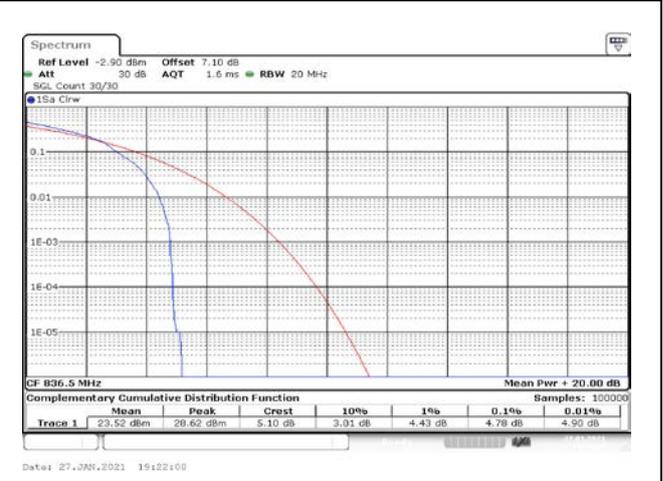
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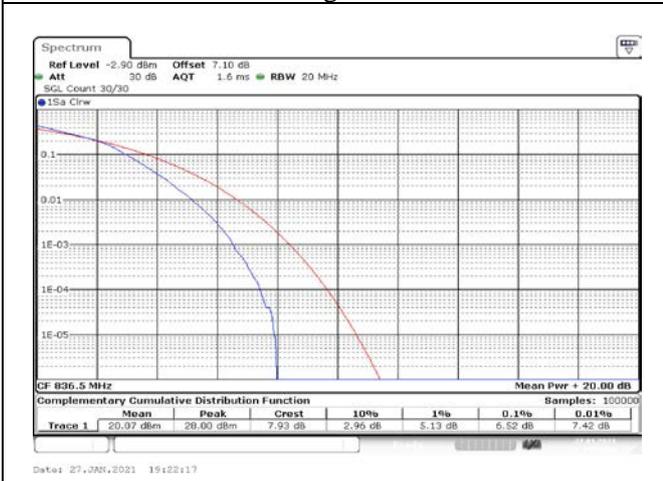
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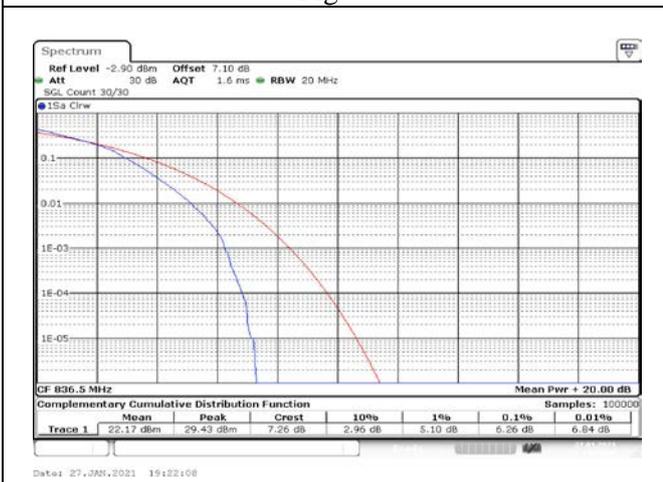
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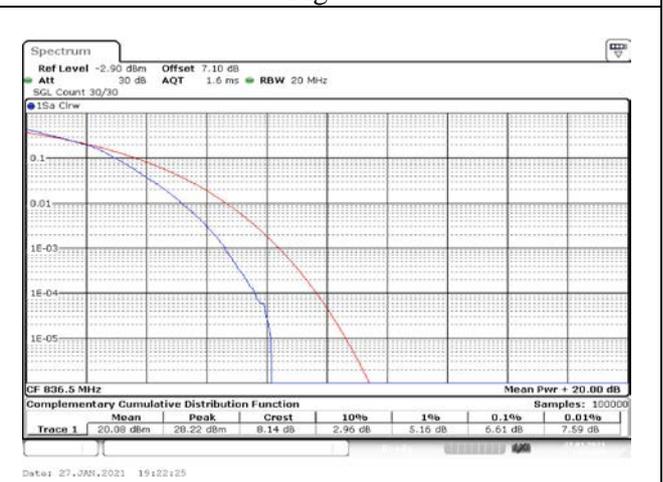
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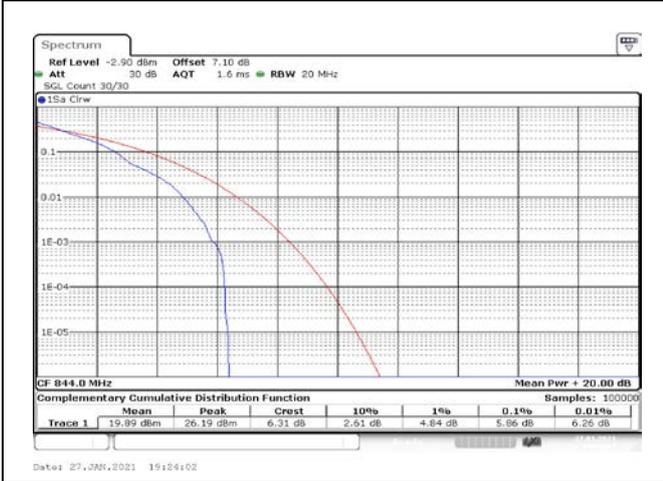
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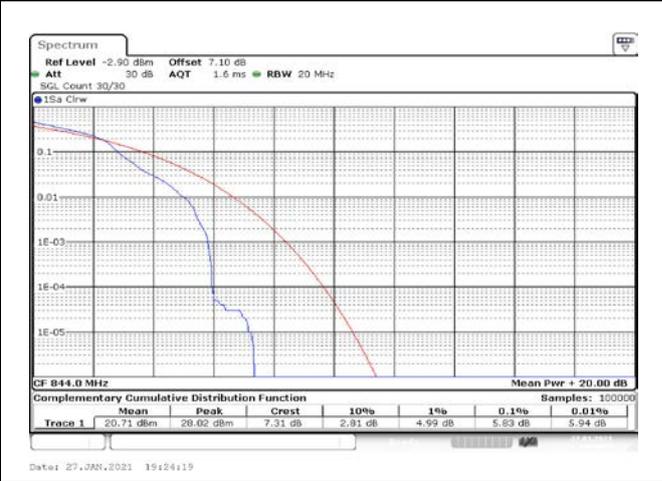
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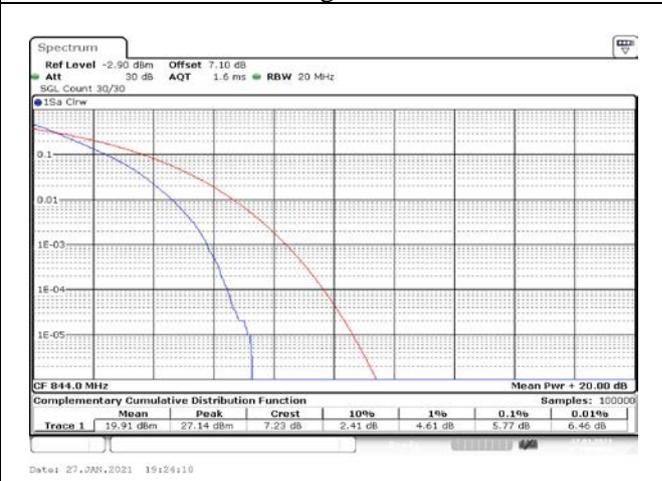
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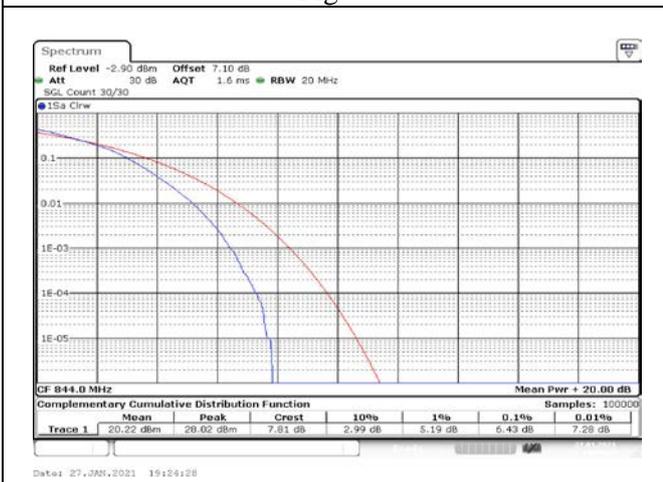
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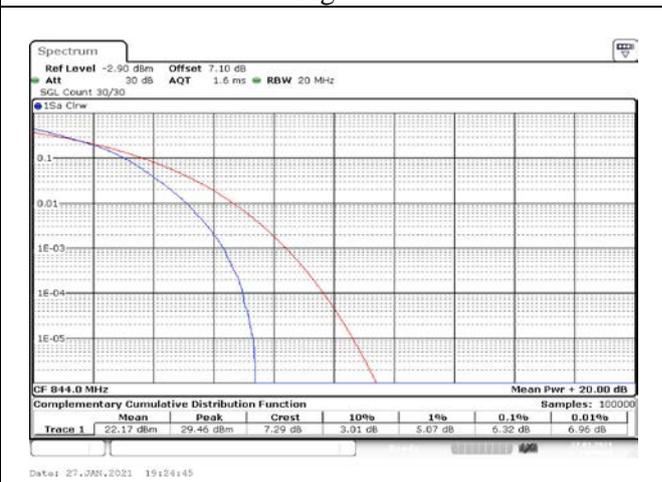
Fig.72

5   Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot QPSK
5	829	20450	10	1	0	Fig.1
	836.5	20525		1	0	Fig.2
	844	20600		1	0	Fig.3
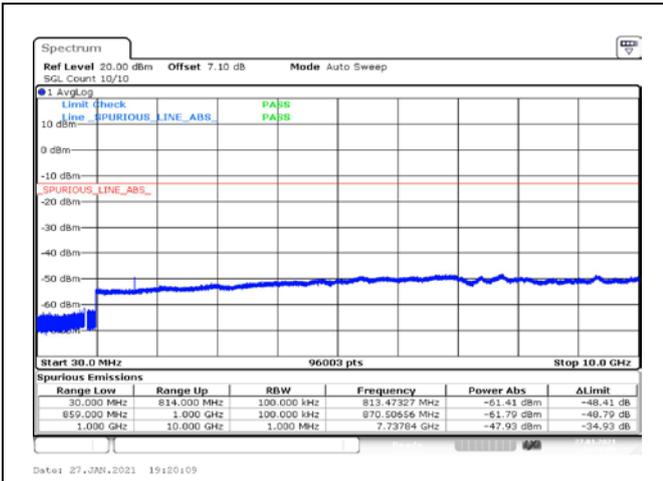
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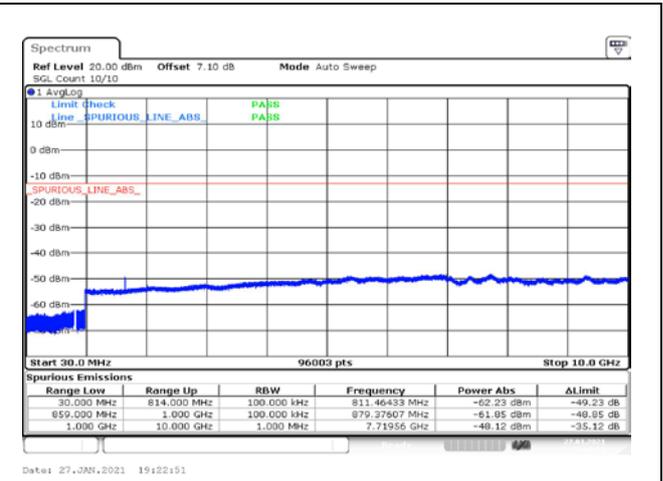
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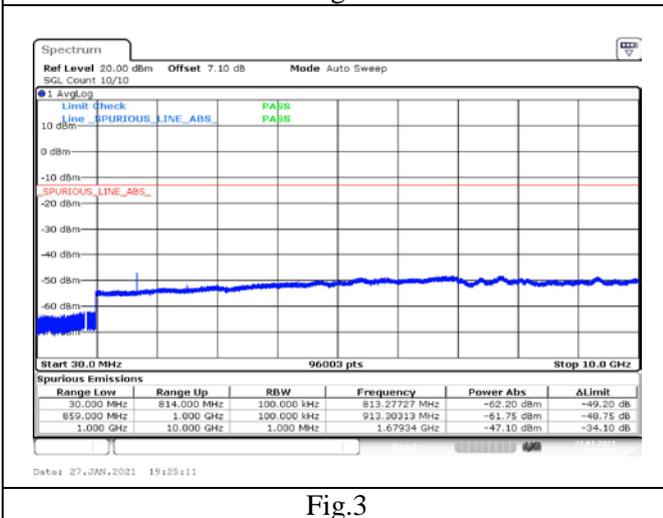
Fig.3

6   Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot QPSK
5	824.7	20407	1.4	1	0	Fig.1
				6	0	Fig.2
	848.3	20643		1	5	Fig.3
				6	0	Fig.4
	825.5	20415	3	1	0	Fig.5
				15	0	Fig.6
	847.5	20635		1	14	Fig.7
				15	0	Fig.8
	826.5	20425	5	1	0	Fig.9
				25	0	Fig.10
	846.5	20625		1	24	Fig.11
				25	0	Fig.12
	829	20450	10	1	0	Fig.13
				50	0	Fig.14
	844	20600		1	49	Fig.15
				50	0	Fig.16
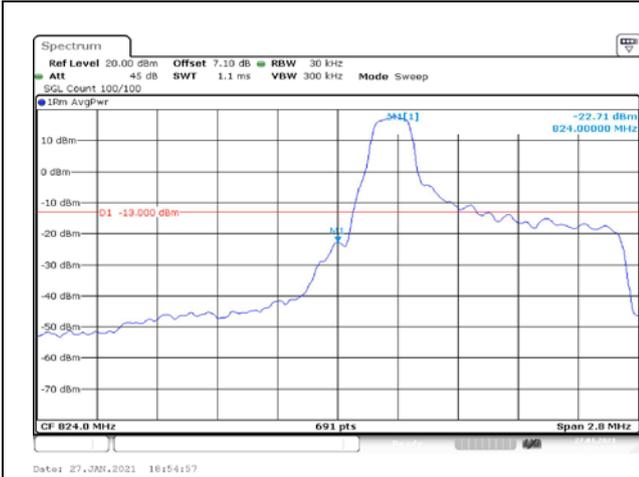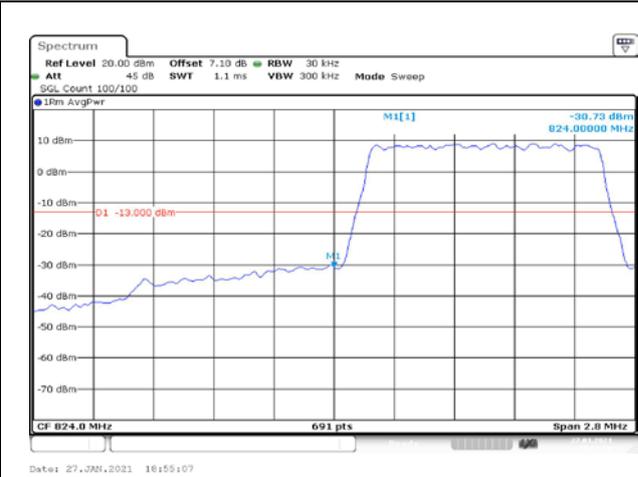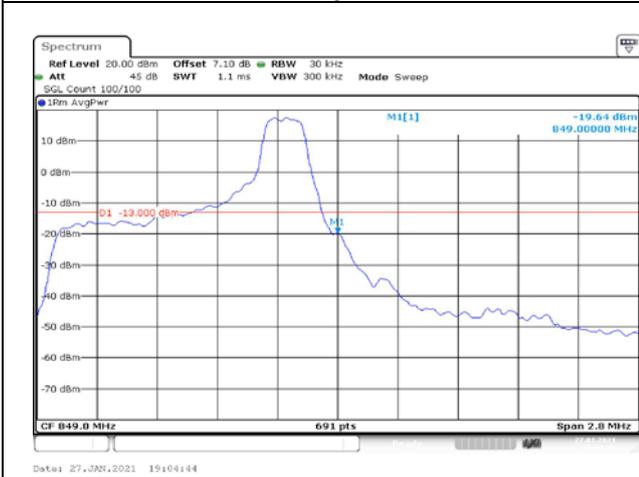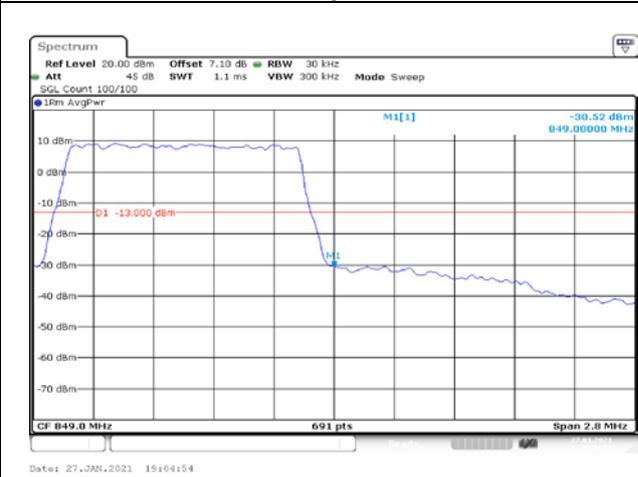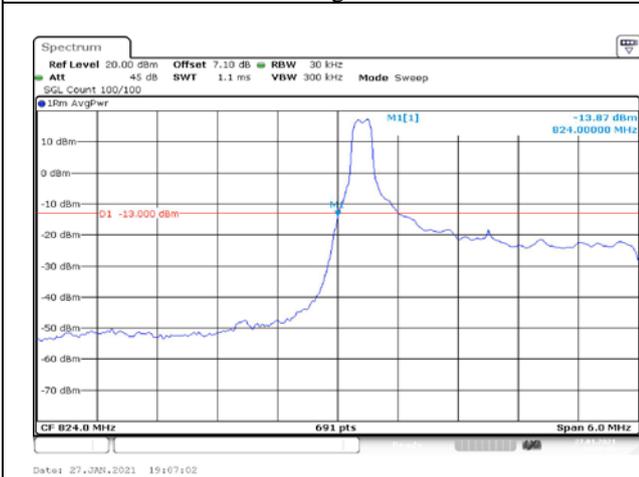
Fig.1	Fig.2
Fig.3	Fig.4
Fig.5	Fig.6
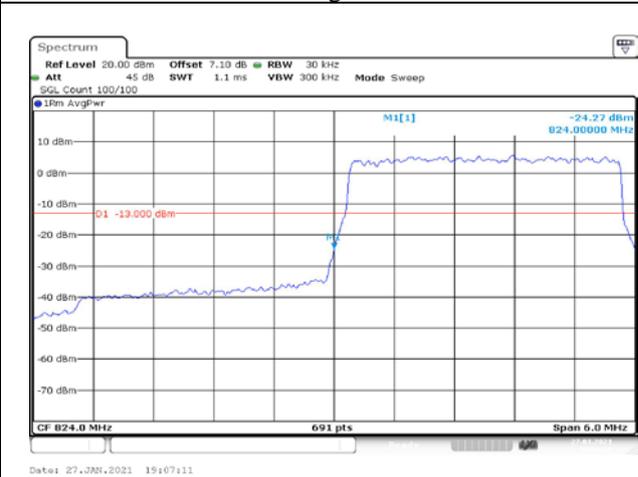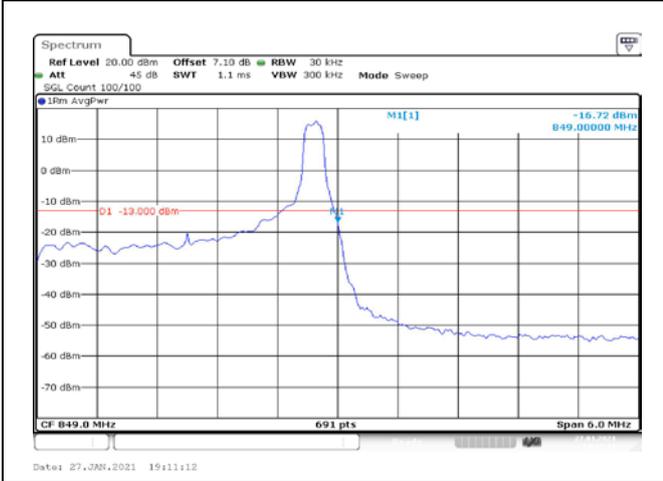
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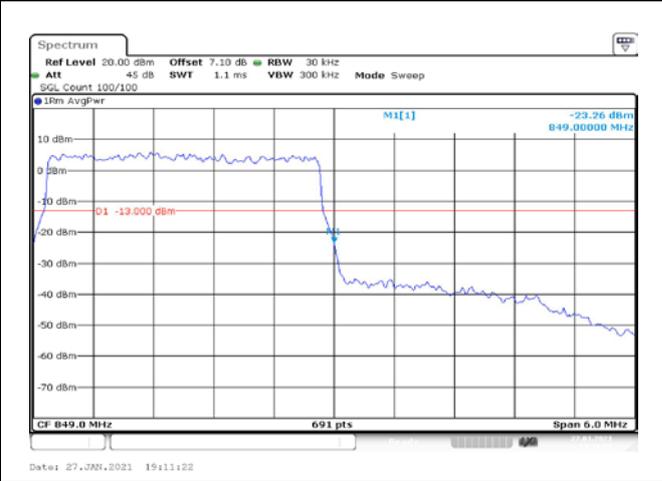
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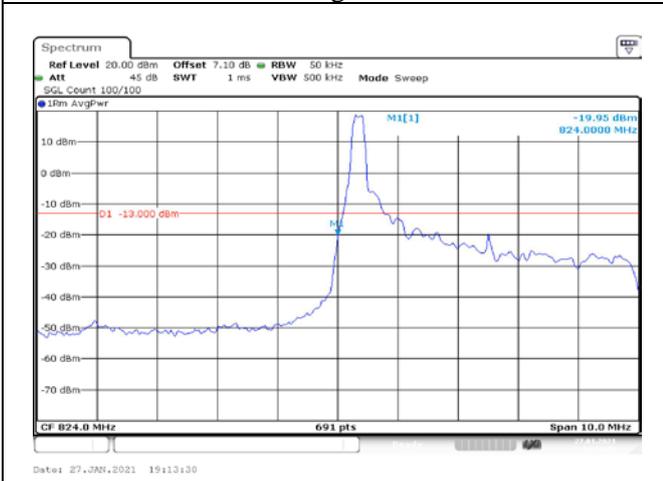
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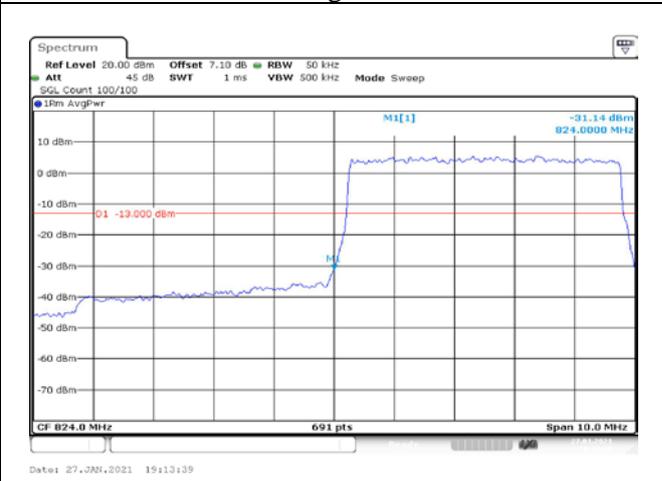
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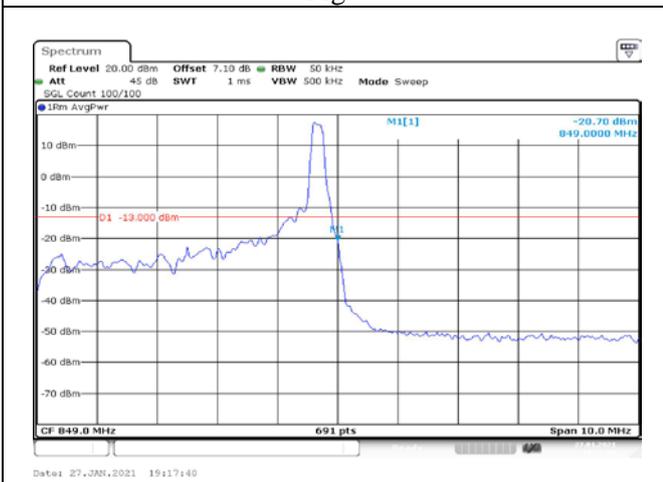
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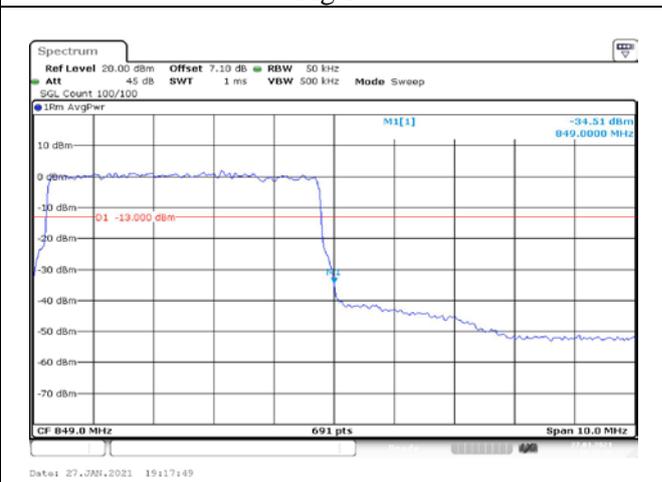
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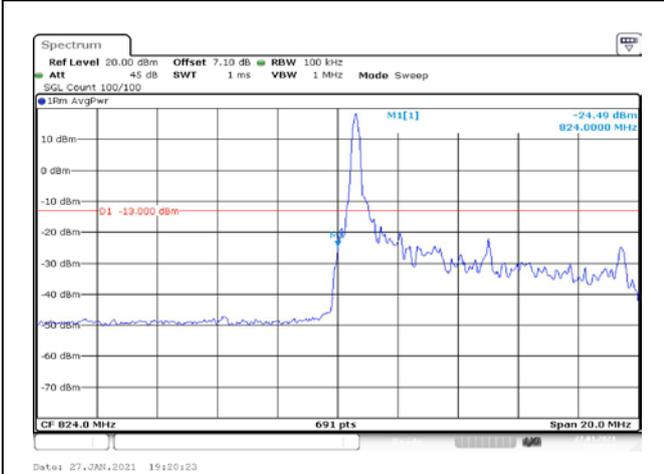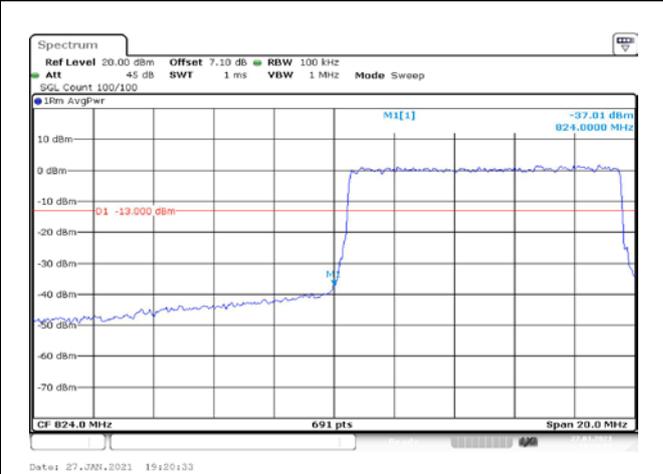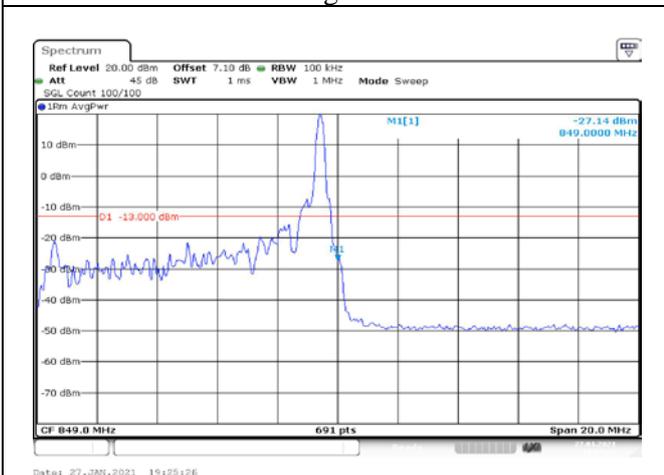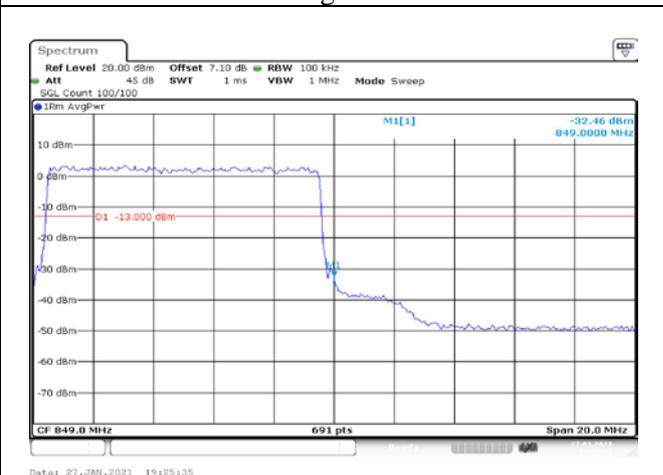
Fig.13	Fig.14
Fig.15	Fig.16

7　Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band5 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.012	-0.019	0.015	-0.019	---	---
0	NV	-0.014	-0.025	0.015	-0.036	---	---
+10	NV	-0.008	-0.018	-0.005	-0.012	---	---
+20	NV	0.000	0.000	0.000	0.000	---	---
+30	NV	0.001	-0.023	0.025	-0.031	---	---
+40	NV	0.003	-0.022	0.014	-0.048	---	---
+50	NV	0.024	0.001	-0.006	-0.006	---	---
+55	NV	0.005	-0.008	0.006	-0.003	---	---
+20	LV	0.017	-0.005	0.017	-0.031	---	---
+20	HV	-0.004	-0.014	0.013	-0.026	---	---

Temperature(°C)	Voltage	Test Result (ppm) Band5 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.006	0.013	-0.015	-0.003	---	---
0	NV	0.004	0.024	-0.009	-0.005	---	---
+10	NV	0.011	0.046	-0.013	0.012	---	---
+20	NV	0.000	0.000	0.000	0.000	---	---
+30	NV	0.024	0.005	0.010	-0.031	---	---
+40	NV	0.044	0.025	-0.009	0.002	---	---
+50	NV	0.013	0.044	-0.011	0.011	---	---
+55	NV	0.008	0.034	-0.001	0.003	---	---
+20	LV	0.013	0.047	0.009	-0.019	---	---
+20	HV	0.030	0.015	0.002	-0.006	---	---

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	824.7	20407	1.4	1	0	24.26	21.57	0.144
				1	3	24.25	21.56	0.143
				1	5	24.19	21.50	0.141
				3	0	23.32	20.63	0.116
				3	1	23.10	20.41	0.110
				3	3	23.18	20.49	0.112
				6	0	23.05	20.36	0.109
	836.5	20525		1	0	24.36	21.67	0.147
				1	3	24.20	21.51	0.142
				1	5	24.18	21.49	0.141
				3	0	23.25	20.56	0.114
				3	1	23.01	20.32	0.108
				3	3	23.15	20.46	0.111
				6	0	22.98	20.29	0.107
	848.3	20643		1	0	23.98	21.29	0.135
				1	3	24.12	21.43	0.139
				1	5	24.10	21.41	0.138
				3	0	23.12	20.43	0.110
				3	1	23.06	20.37	0.109
				3	3	22.99	20.30	0.107
				6	0	22.79	20.10	0.102
16QAM	824.7	20407		1	0	23.04	20.35	0.108
				1	3	22.84	20.15	0.104
				1	5	22.96	20.27	0.106
				3	0	22.13	19.44	0.088
				3	1	22.06	19.37	0.086
				3	3	21.96	19.27	0.085
				6	0	22.10	19.41	0.087
	836.5	20525		1	0	23.03	20.34	0.108
				1	3	23.15	20.46	0.111
				1	5	23.11	20.42	0.110
				3	0	22.14	19.45	0.088
				3	1	22.29	19.60	0.091
				3	3	22.43	19.74	0.094
				6	0	22.53	19.84	0.096
	848.3	20643		1	0	22.81	20.12	0.103
				1	3	22.97	20.28	0.107
				1	5	22.93	20.24	0.106
				3	0	21.39	18.70	0.074
				3	1	22.09	19.40	0.087
				3	3	22.26	19.57	0.091
				6	0	22.11	19.42	0.087

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	824.7	20407	1.4	1	0	22.39	19.70	0.093
				1	3	22.36	19.67	0.093
				1	5	22.35	19.66	0.092
				3	0	21.43	18.74	0.075
				3	1	21.41	18.72	0.074
				3	3	21.41	18.72	0.074
				6	0	21.40	18.71	0.074
	836.5	20525		1	0	22.51	19.82	0.096
				1	3	22.50	19.81	0.096
				1	5	22.49	19.80	0.095
				3	0	21.36	18.67	0.074
				3	1	21.47	18.78	0.076
				3	3	21.46	18.77	0.075
				6	0	21.45	18.76	0.075
	848.3	20643		1	0	22.69	20.00	0.100
				1	3	22.72	20.03	0.101
				1	5	22.65	19.96	0.099
				3	0	21.68	18.99	0.079
				3	1	21.47	18.78	0.076
				3	3	21.46	18.77	0.075
				6	0	21.45	18.76	0.075

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	825.5	20415	3	1	0	24.22	21.53	0.142
				1	8	24.16	21.47	0.140
				1	14	24.22	21.53	0.142
				8	0	23.25	20.56	0.114
				8	4	23.29	20.60	0.115
				8	7	23.29	20.60	0.115
				15	0	23.27	20.58	0.114
	836.5	20525		1	0	24.36	21.67	0.147
				1	8	24.32	21.63	0.146
				1	14	24.40	21.71	0.148
				8	0	23.28	20.59	0.115
				8	4	23.33	20.64	0.116
				8	7	23.32	20.63	0.116
				15	0	23.31	20.62	0.115
	847.5	20635		1	0	24.51	21.82	0.152
				1	8	24.61	21.92	0.156
				1	14	24.64	21.95	0.157
				8	0	23.37	20.68	0.117
				8	4	23.48	20.79	0.120
				8	7	23.48	20.79	0.120
				15	0	23.37	20.68	0.117
16QAM	825.5	20415		1	0	23.62	20.93	0.124
				1	8	23.54	20.85	0.122
				1	14	23.53	20.84	0.121
				8	0	22.44	19.75	0.094
				8	4	22.43	19.74	0.094
				8	7	22.51	19.82	0.096
				15	0	22.30	19.61	0.091
	836.5	20525		1	0	23.14	20.45	0.111
				1	8	23.13	20.44	0.111
				1	14	23.03	20.34	0.108
				8	0	22.53	19.84	0.096
				8	4	22.50	19.81	0.096
				8	7	22.51	19.82	0.096
				15	0	22.45	19.76	0.095
	847.5	20635		1	0	23.16	20.47	0.111
				1	8	23.32	20.63	0.116
				1	14	23.16	20.47	0.111
				8	0	22.62	19.93	0.098
				8	4	22.58	19.89	0.097
				8	7	22.58	19.89	0.097
				15	0	22.43	19.74	0.094

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	825.5	20415	3	1	0	22.30	19.61	0.091
				1	8	22.29	19.60	0.091
				1	14	22.25	19.56	0.090
				8	0	21.29	18.60	0.072
				8	4	21.32	18.63	0.073
				8	7	21.35	18.66	0.073
				15	0	21.22	18.53	0.071
	836.5	20525		1	0	22.44	19.75	0.094
				1	8	22.29	19.60	0.091
				1	14	22.39	19.70	0.093
				8	0	21.29	18.60	0.072
				8	4	21.34	18.65	0.073
				8	7	21.39	18.70	0.074
				15	0	21.29	18.60	0.072
	847.5	20635		1	0	22.23	19.54	0.090
				1	8	22.36	19.67	0.093
				1	14	22.44	19.75	0.094
				8	0	21.41	18.72	0.074
				8	4	21.25	18.56	0.072
				8	7	21.26	18.57	0.072
				15	0	21.17	18.48	0.070

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	826.5	20425	5	1	0	24.31	21.62	0.145
				1	12	24.24	21.55	0.143
				1	24	24.23	21.54	0.143
				12	0	23.36	20.67	0.117
				12	7	23.27	20.58	0.114
				12	13	23.27	20.58	0.114
				25	0	23.32	20.63	0.116
	836.5	20525		1	0	24.48	21.79	0.151
				1	12	24.46	21.77	0.150
				1	24	24.45	21.76	0.150
				12	0	23.45	20.76	0.119
				12	7	23.32	20.63	0.116
				12	13	23.31	20.62	0.115
				25	0	23.32	20.63	0.116
	846.5	20625		1	0	24.23	21.54	0.143
				1	12	24.30	21.61	0.145
				1	24	24.36	21.67	0.147
				12	0	23.50	20.81	0.121
				12	7	23.44	20.75	0.119
				12	13	23.43	20.74	0.119
				25	0	23.34	20.65	0.116
16QAM	826.5	20425		1	0	22.46	19.77	0.095
				1	12	22.46	19.77	0.095
				1	24	22.46	19.77	0.095
				12	0	22.18	19.49	0.089
				12	7	22.16	19.47	0.089
				12	13	22.17	19.48	0.089
				25	0	22.28	19.59	0.091
	836.5	20525		1	0	23.27	20.58	0.114
				1	12	23.39	20.70	0.117
				1	24	23.38	20.69	0.117
				12	0	22.33	19.64	0.092
				12	7	22.31	19.62	0.092
				12	13	22.31	19.62	0.092
				25	0	22.33	19.64	0.092
	846.5	20625		1	0	23.04	20.35	0.108
				1	12	23.18	20.49	0.112
				1	24	23.17	20.48	0.112
				12	0	22.18	19.49	0.089
				12	7	22.32	19.63	0.092
				12	13	22.32	19.63	0.092
				25	0	22.35	19.66	0.092

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	826.5	20425	5	1	0	22.39	19.70	0.093
				1	12	22.24	19.55	0.090
				1	24	22.22	19.53	0.090
				12	0	21.25	18.56	0.072
				12	7	21.23	18.54	0.071
				12	13	21.31	18.62	0.073
				25	0	21.29	18.60	0.072
	836.5	20525		1	0	22.33	19.64	0.092
				1	12	22.23	19.54	0.090
				1	24	22.34	19.65	0.092
				12	0	21.36	18.67	0.074
				12	7	21.33	18.64	0.073
				12	13	21.31	18.62	0.073
				25	0	21.24	18.55	0.072
	846.5	20625		1	0	22.36	19.67	0.093
				1	12	22.26	19.57	0.091
				1	24	22.41	19.72	0.094
				12	0	21.32	18.63	0.073
				12	7	21.36	18.67	0.074
				12	13	21.31	18.62	0.073
				25	0	21.37	18.68	0.074

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	829	20450	10	1	0	24.24	21.55	0.143
				1	25	24.33	21.64	0.146
				1	49	24.32	21.63	0.146
				25	0	23.35	20.66	0.116
				25	12	23.35	20.66	0.116
				25	25	23.35	20.66	0.116
				50	0	23.30	20.61	0.115
	836.5	20525		1	0	24.53	21.84	0.153
				1	25	24.55	21.86	0.153
				1	49	24.69	22.00	0.158
				25	0	23.41	20.72	0.118
				25	12	23.41	20.72	0.118
				25	25	23.40	20.71	0.118
				50	0	23.36	20.67	0.117
	844	20600		1	0	24.38	21.69	0.148
				1	25	24.49	21.80	0.151
				1	49	24.59	21.90	0.155
				25	0	23.41	20.72	0.118
				25	12	23.48	20.79	0.120
				25	25	23.55	20.86	0.122
				50	0	22.83	20.14	0.103
16QAM	829	20450		1	0	23.40	20.71	0.118
				1	25	23.38	20.69	0.117
				1	49	23.28	20.59	0.115
				25	0	22.27	19.58	0.091
				25	12	22.38	19.69	0.093
				25	25	22.38	19.69	0.093
				50	0	22.38	19.69	0.093
	836.5	20525		1	0	23.58	20.89	0.123
				1	25	23.55	20.86	0.122
				1	49	23.55	20.86	0.122
				25	0	22.55	19.86	0.097
				25	12	22.46	19.77	0.095
				25	25	22.46	19.77	0.095
				50	0	22.45	19.76	0.095
	844	20600		1	0	23.46	20.77	0.119
				1	25	22.96	20.27	0.106
				1	49	22.97	20.28	0.107
				25	0	22.55	19.86	0.097
				25	12	22.52	19.83	0.096
				25	25	22.68	19.99	0.100
				50	0	22.45	19.76	0.095

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	829	20450	10	1	0	22.48	19.79	0.095
				1	25	22.29	19.60	0.091
				1	49	22.34	19.65	0.092
				25	0	21.31	18.62	0.073
				25	12	21.51	18.82	0.076
				25	25	21.26	18.57	0.072
				50	0	21.38	18.69	0.074
	836.5	20525		1	0	22.45	19.76	0.095
				1	25	22.41	19.72	0.094
				1	49	22.42	19.73	0.094
				25	0	21.28	18.59	0.072
				25	12	21.34	18.65	0.073
				25	25	21.41	18.72	0.074
				50	0	21.46	18.77	0.075
	844	20600		1	0	22.45	19.76	0.095
				1	25	22.42	19.73	0.094
				1	49	21.99	19.30	0.085
				25	0	21.01	18.32	0.068
				25	12	20.83	18.14	0.065
				25	25	21.02	18.33	0.068
				50	0	21.50	18.81	0.076