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Vice RF module appendix for LTE Band 5

Applicant: HONGKONG UCLOUDLINK NETWORK TECHNOLOGY LIMITED

Address: Suite 603, 6/F, Laws Commercial Plaza, 788 Cheung Sha Wan Road, Kowloon, Hong Kong

Product Name: 4G Wireless Data Terminal

Model: GLMU20A02

FCC ID: 2AC88-GLMU20A02

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1 Summary of Test Results Data and Graph

1.1. Appendix A: Conducted Power Output Data

Test Result

LTE Band 5				Actual output Power (dBm)		
Band-width	Modulation	RB allocation	RB offset	Low	Middle	High
1.4	QPSK	1	Low	22.26	22.22	22.21
			Middle	22.17	21.75	22.02
			High	22.21	21.76	22.10
		3	Low	20.90	21.69	20.61
			Middle	20.88	21.09	20.54
			High	20.85	21.24	20.51
		6	/	20.82	21.34	20.05
	16QAM	1	Low	21.99	21.89	21.84
			Middle	21.96	21.38	21.62
			High	21.90	21.40	21.75
		3	Low	20.27	21.42	20.10
			Middle	20.25	20.35	19.90
			High	20.19	20.79	20.02
		6	/	19.97	20.93	19.74
3	QPSK	1	Low	22.23	22.70	22.20
			Middle	22.14	22.67	22.01
			High	22.19	22.62	22.09
		8	Low	20.88	21.25	20.60
			Middle	20.86	21.30	20.53
			High	20.83	21.17	20.50
		15	/	20.80	20.90	20.04
	16QAM	1	Low	21.97	22.36	21.82
			Middle	21.94	22.29	21.61
			High	21.87	22.28	21.74
		8	Low	20.25	20.61	20.09
			Middle	20.23	20.55	19.89
			High	20.17	20.54	20.01
		15	/	19.95	20.34	19.72

5	QPSK	1	Low	22.28	22.68	22.22
			Middle	22.19	22.64	22.04
			High	22.23	22.59	22.11
		12	Low	20.92	21.22	20.62
			Middle	20.90	21.28	20.55
			High	20.87	21.15	20.52
		25	/	20.84	20.88	20.06
	16QAM	1	Low	22.01	22.33	21.85
			Middle	21.98	22.27	21.64
			High	21.92	22.26	21.76
		12	Low	20.29	20.58	20.11
			Middle	20.27	20.52	19.91
			High	20.21	20.51	20.03
		25	/	19.99	20.32	19.75
10	QPSK	1	Low	22.35	**22.75**	22.30
			Middle	22.26	22.72	22.11
			High	22.30	22.67	22.19
		25	Low	20.99	21.29	20.70
			Middle	20.97	21.35	20.63
			High	20.94	21.21	20.60
		50	/	20.91	20.94	20.13
	16QAM	1	Low	21.78	22.14	21.69
			Middle	21.75	22.08	21.48
			High	21.69	22.07	21.61
		25	Low	20.08	20.40	19.96
			Middle	20.05	20.35	19.77
			High	19.99	20.34	19.89
		50	/	19.78	20.14	19.61

1.2. Appendix B: Peak-to-Average Ratio(CCDF)

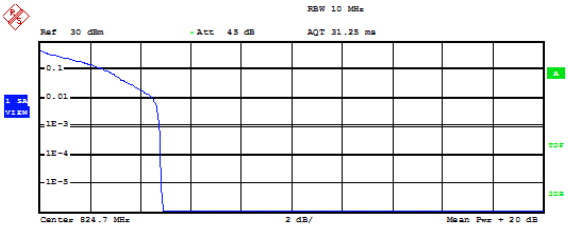
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.74	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.38	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.87	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.51	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.62	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.16	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.87	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.35	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.99	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.41	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.35	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.15	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.81	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.48	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.90	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.54	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.71	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.35	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.83	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.35	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.06	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.41	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.71	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.22	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.71	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.45	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.87	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.45	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.74	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.35	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.64	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.28	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.71	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.22	13	PASS

Band5	5MHz	16QAM	20625	1RB#0	5.54	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.19	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.74	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.38	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.84	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.32	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.71	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.35	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.74	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.31	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.87	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.35	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.80	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.28	13	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0



Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	23.47 dBm
Peak	28.36 dBm
Crest	4.89 dB
10 %	2.60 dB
1 %	4.46 dB
.1 %	4.74 dB
.01 %	4.81 dB

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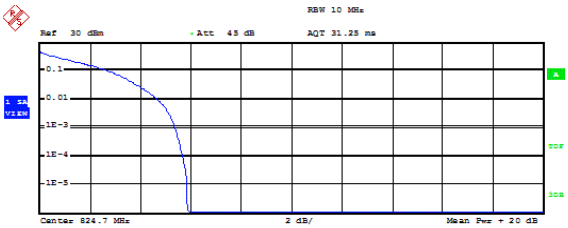
Band5-1.4MHz-QPSK-20407-6RB#0



Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	22.73 dBm
Peak	28.64 dBm
Crest	5.91 dB
10 %	2.76 dB
1 %	4.65 dB
.1 %	5.38 dB
.01 %	5.67 dB

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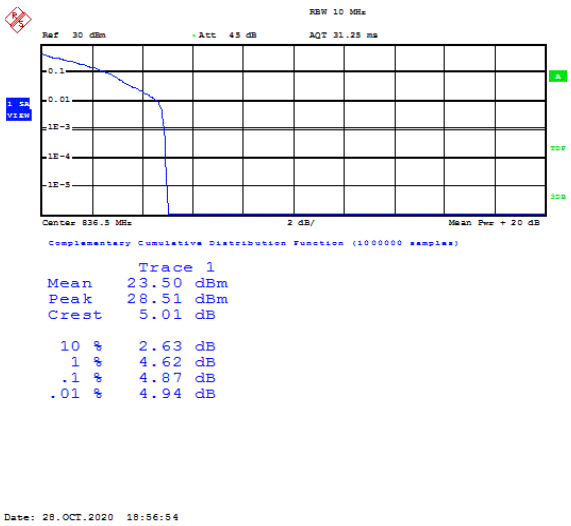
Band5-1.4MHz-QPSK-20525-1RB#0



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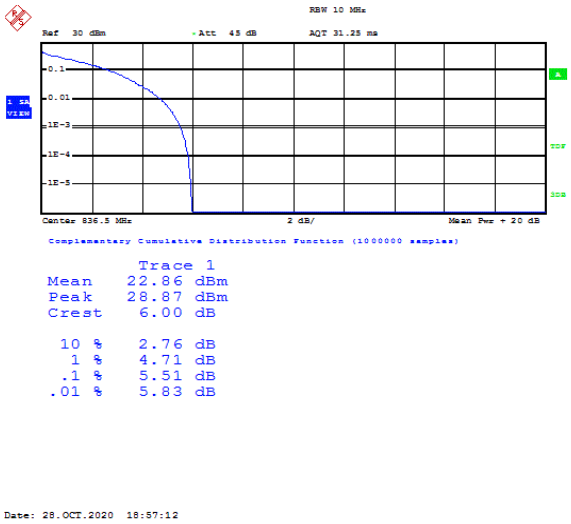

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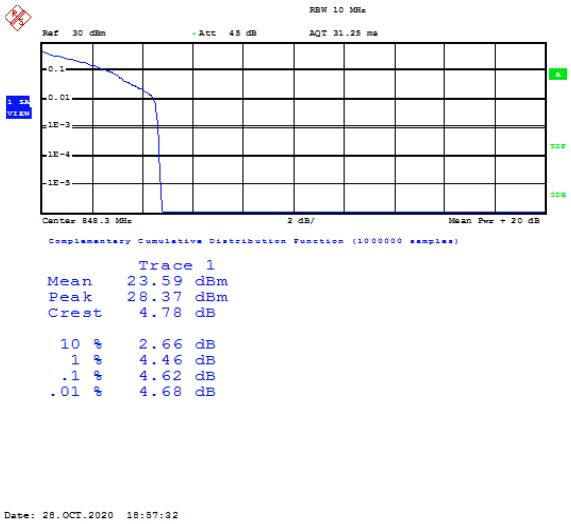

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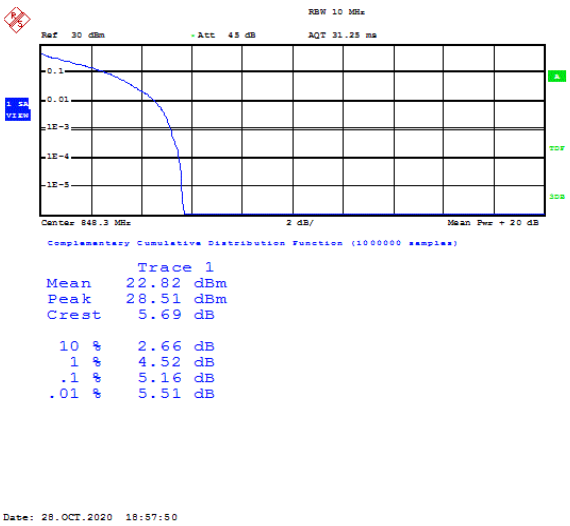

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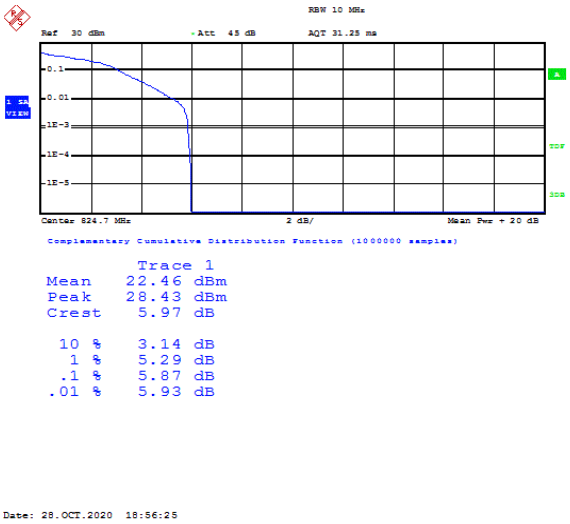

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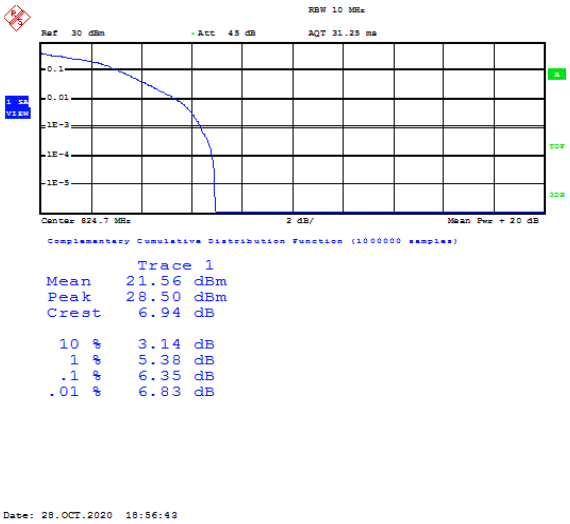

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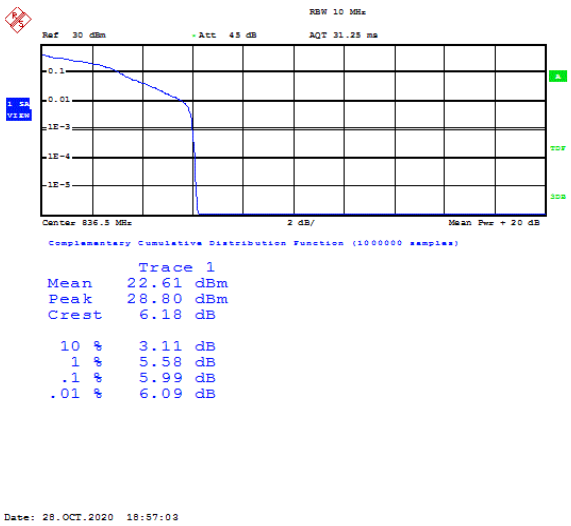

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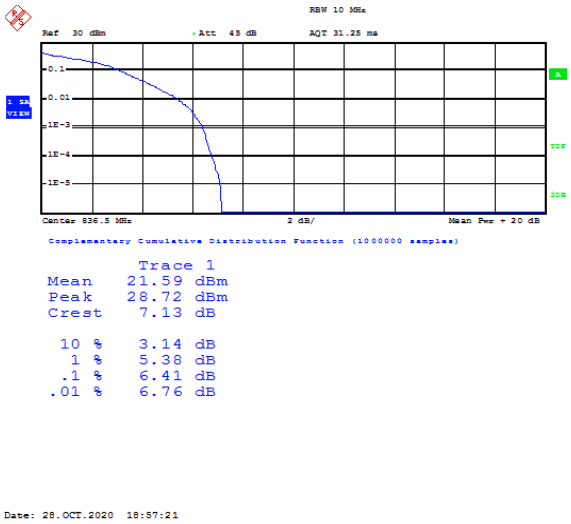

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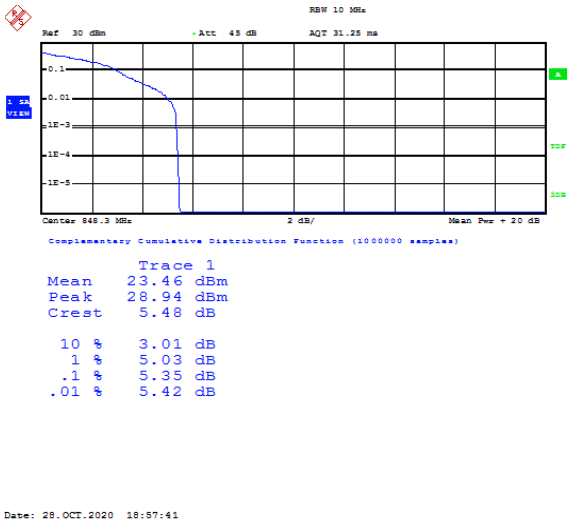

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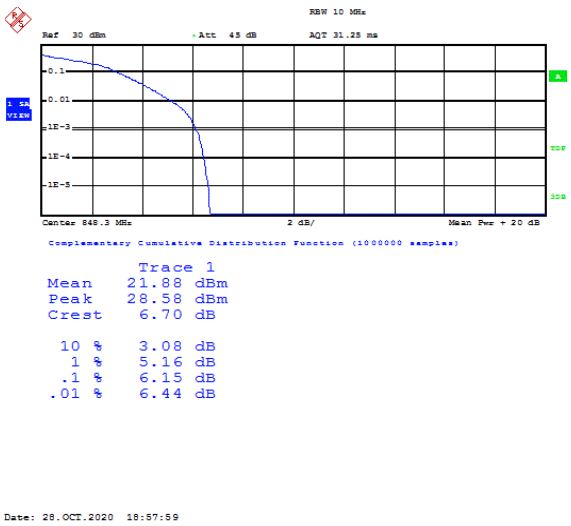

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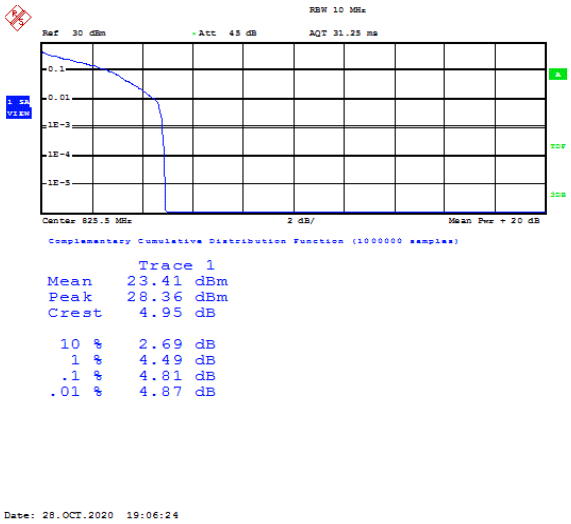

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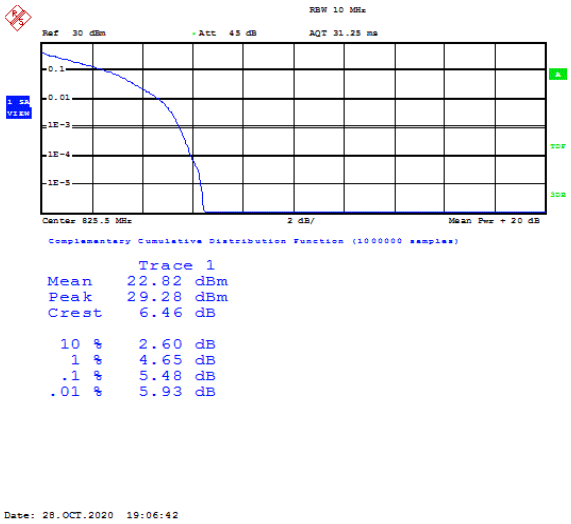

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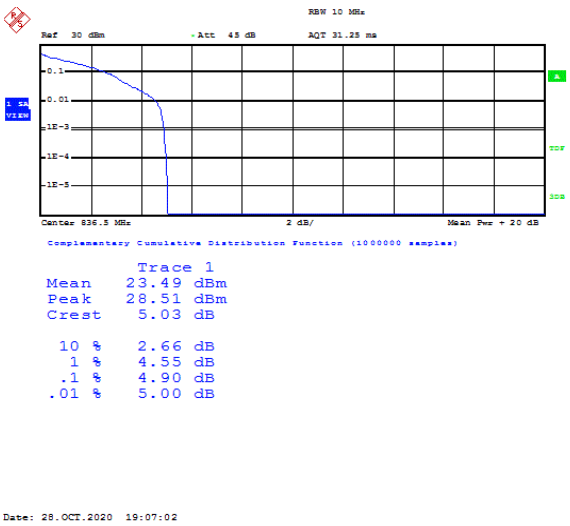

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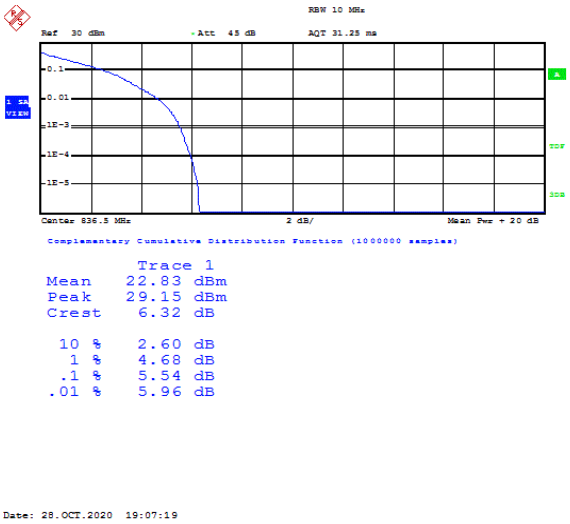

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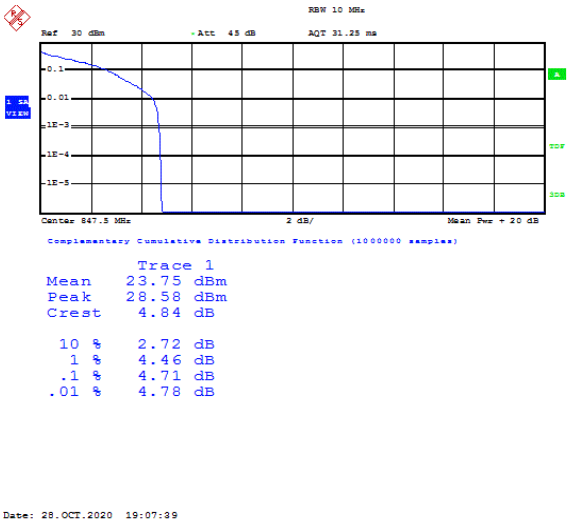

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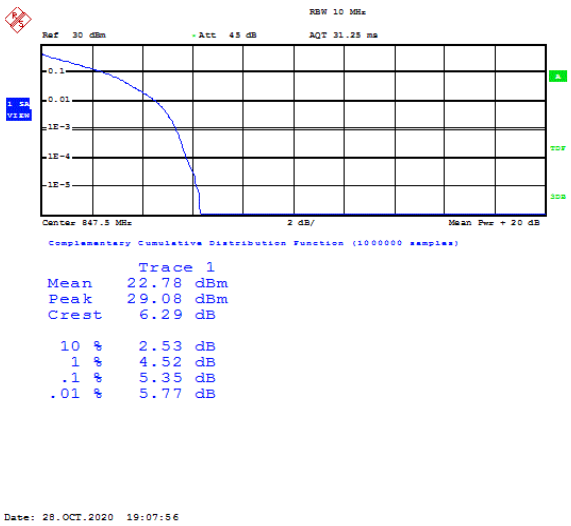

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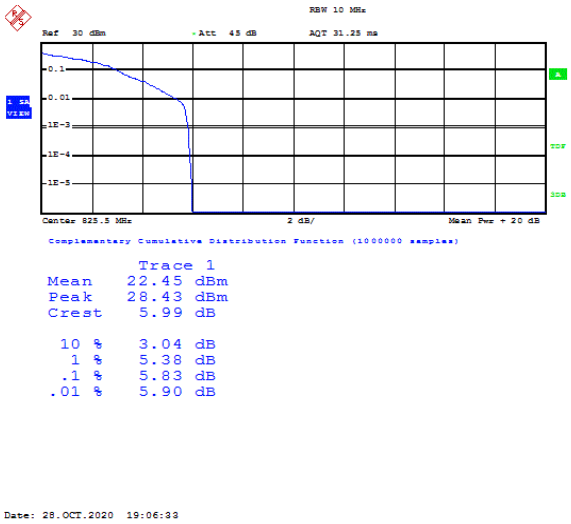

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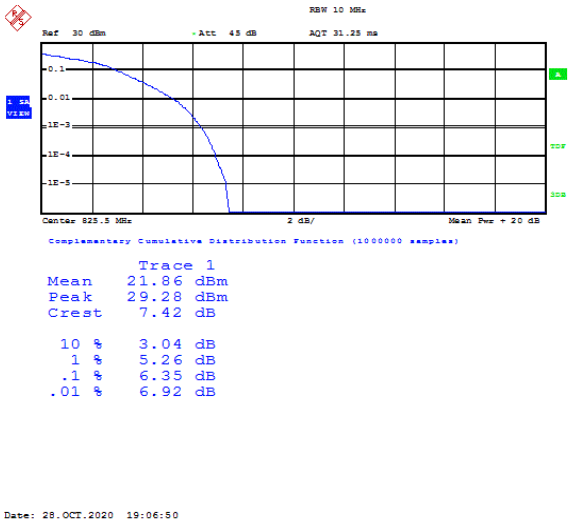

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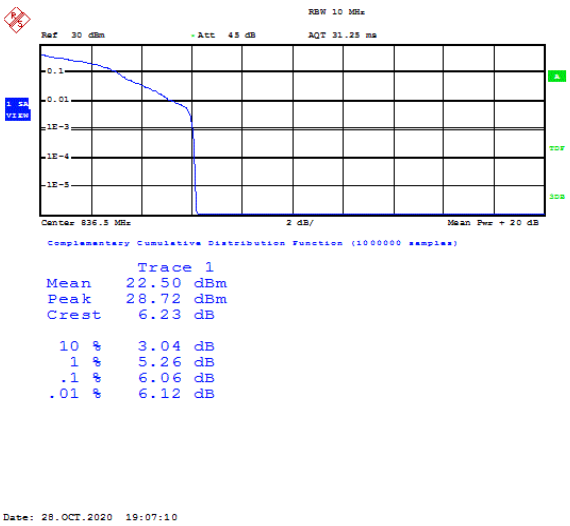

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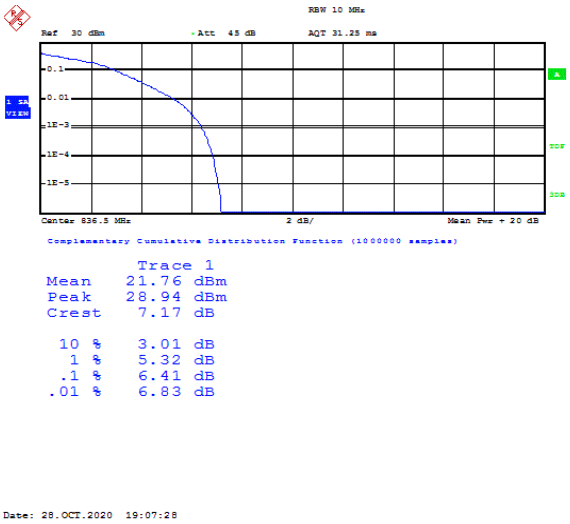

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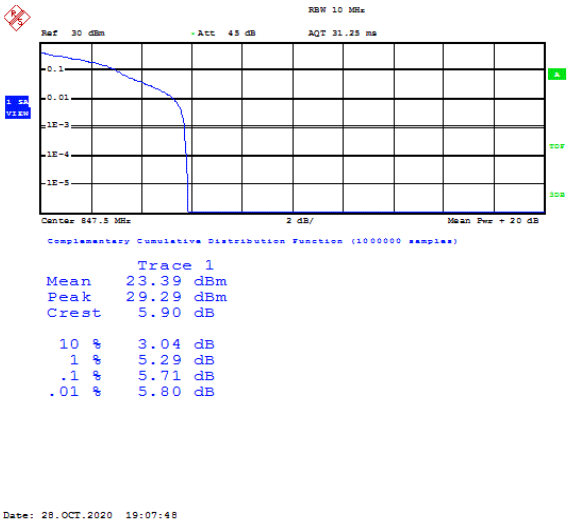

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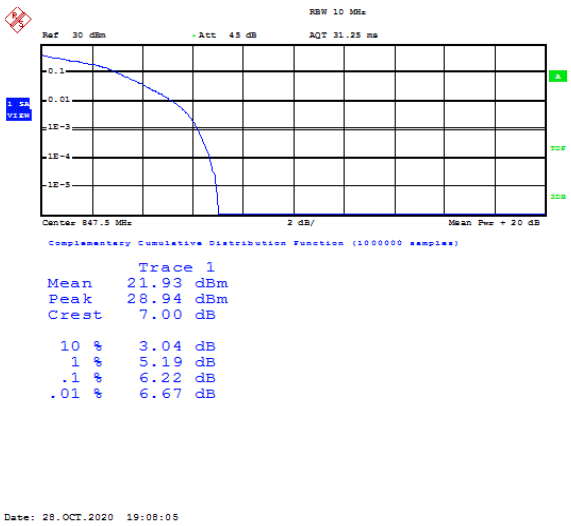

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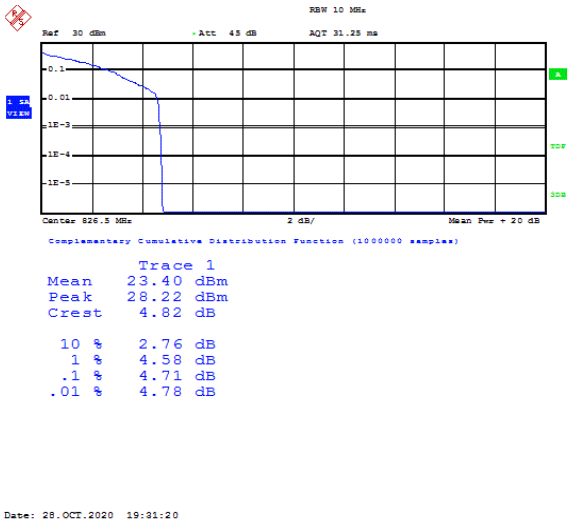

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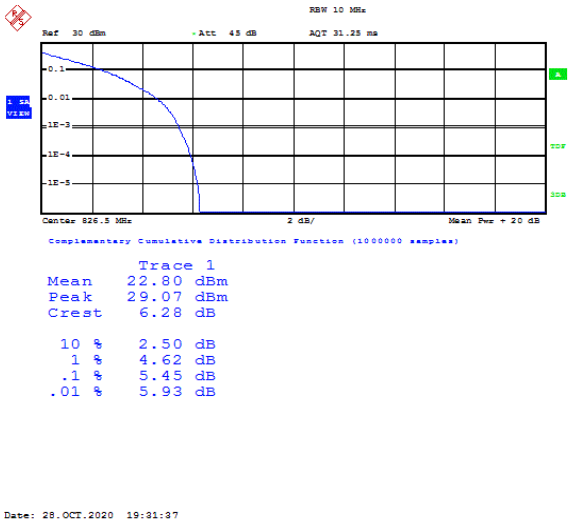

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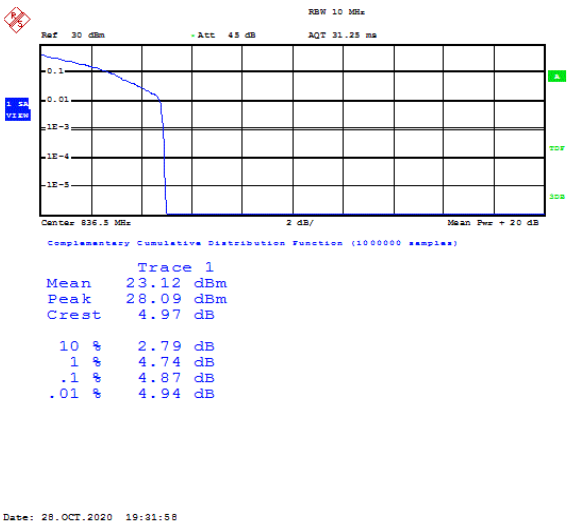

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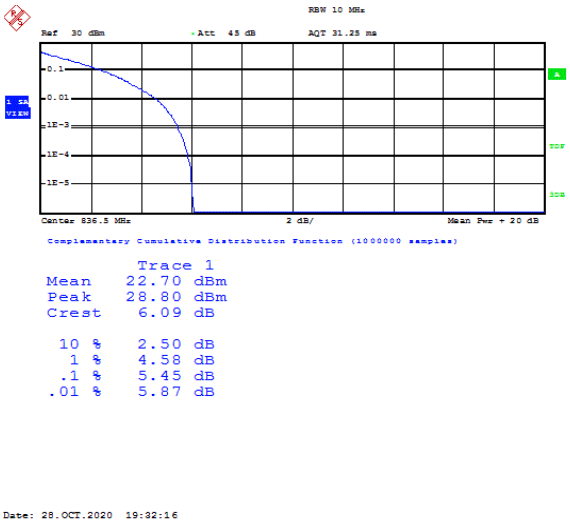

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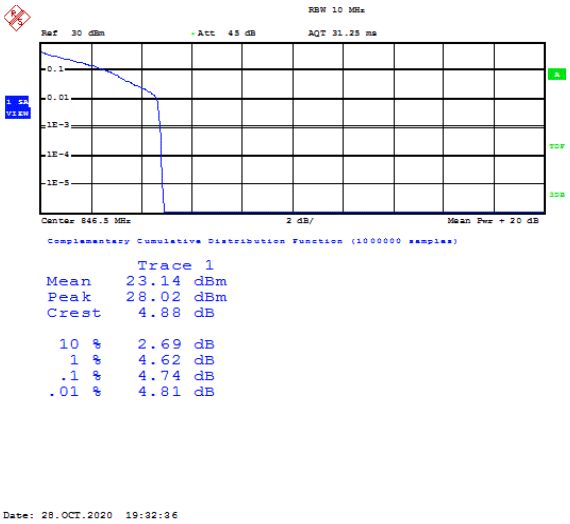

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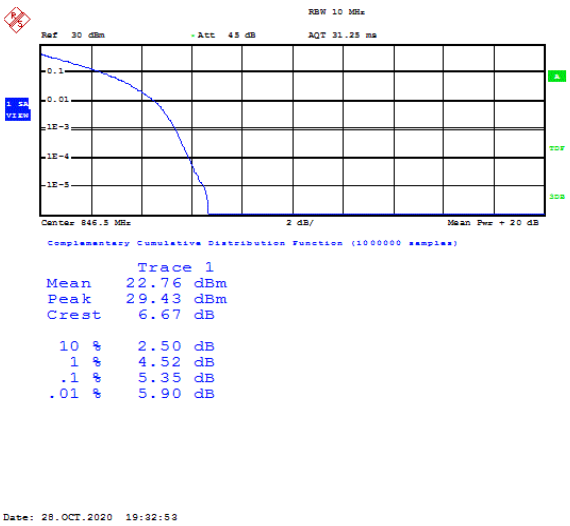

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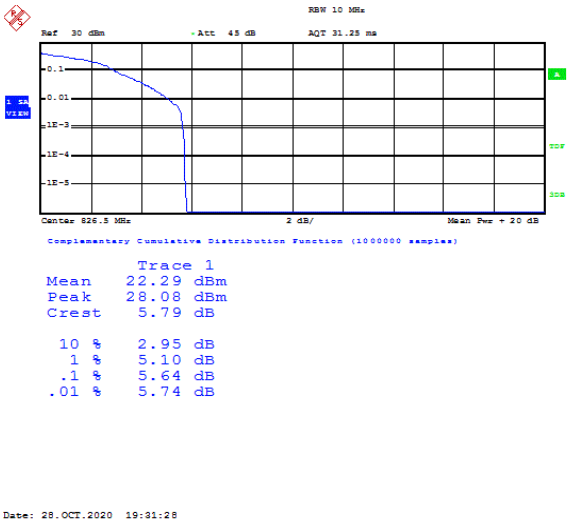

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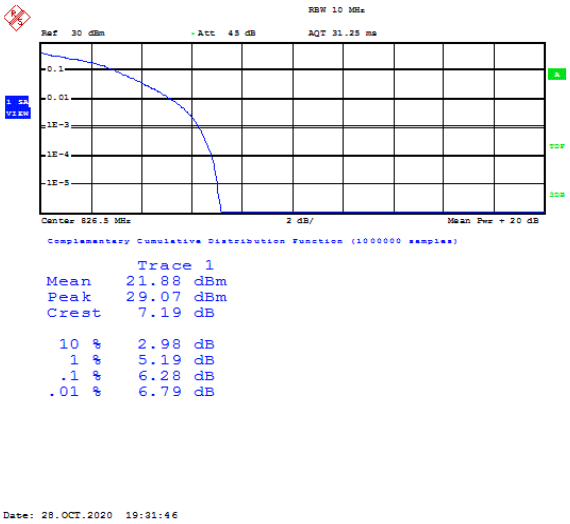
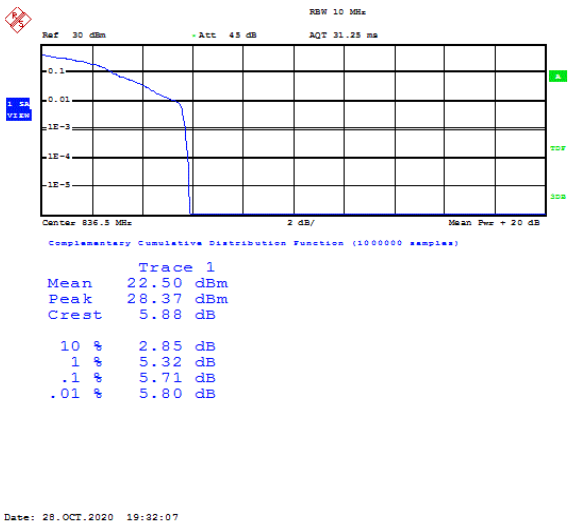


Band5-5MHz-16QAM-20525-1RB#0



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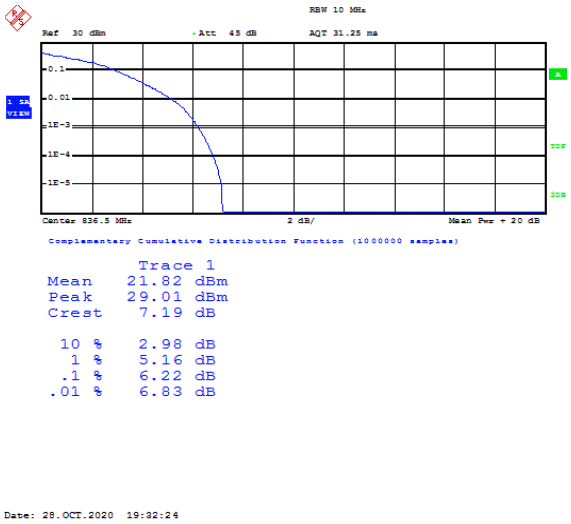

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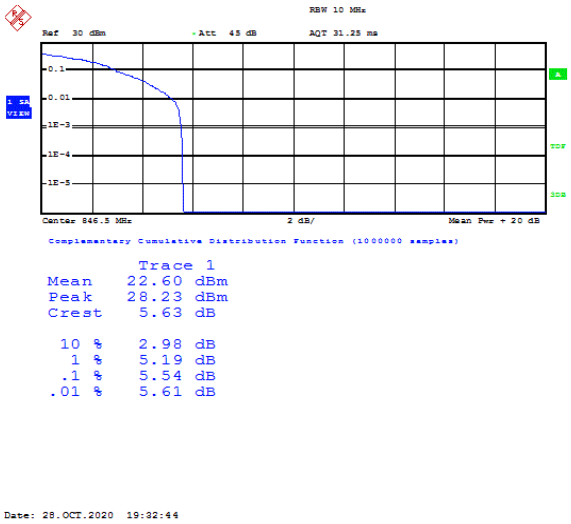

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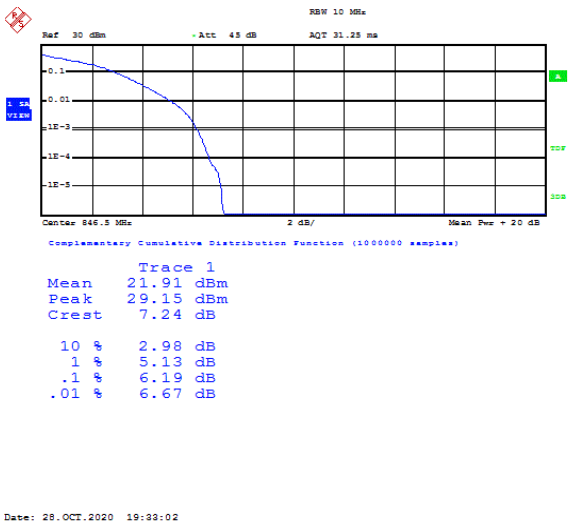

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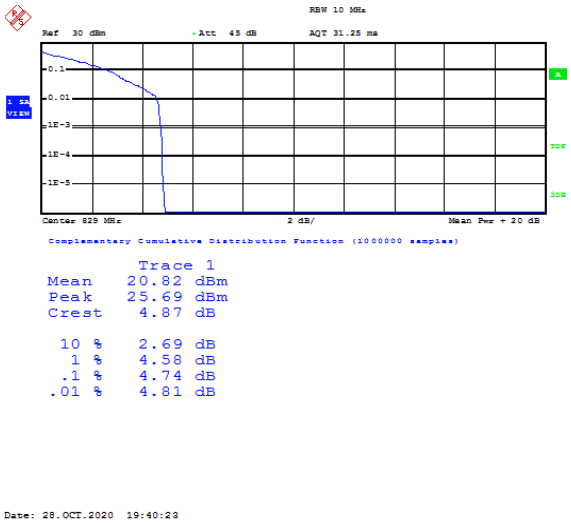

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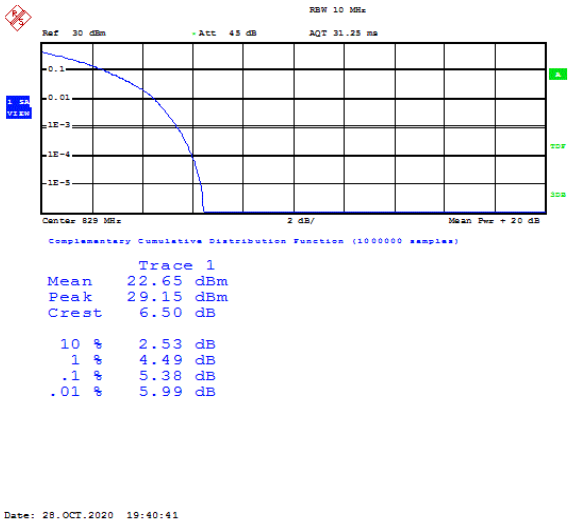

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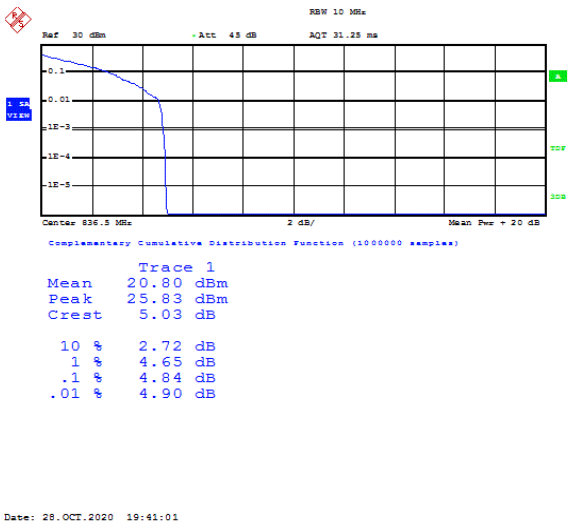

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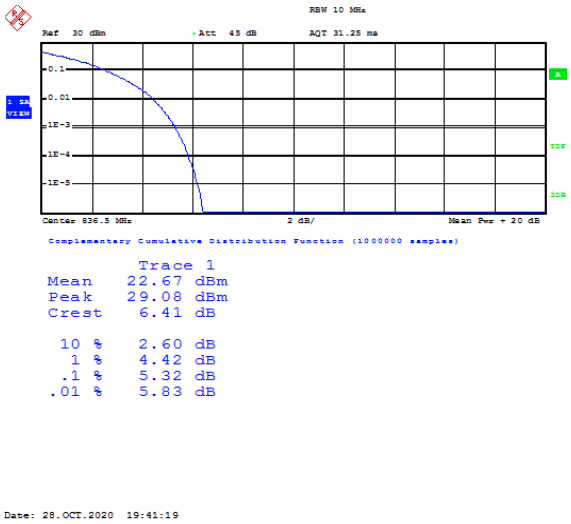

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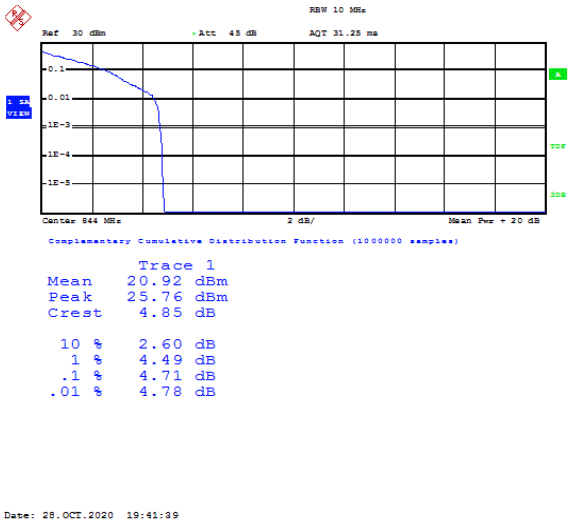

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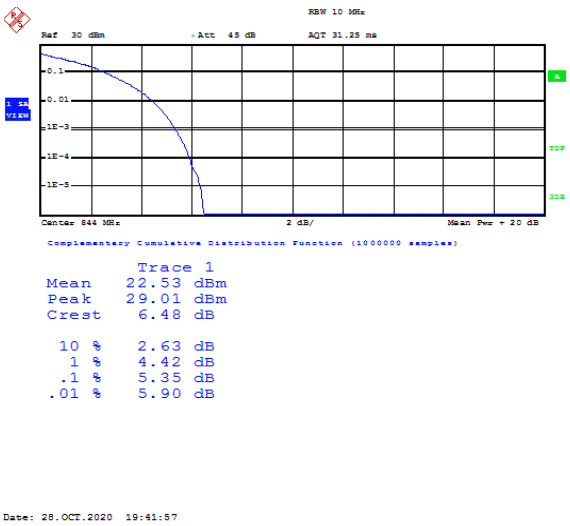

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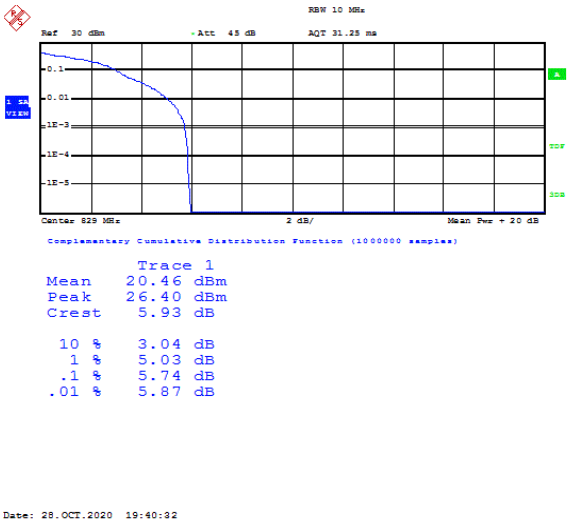

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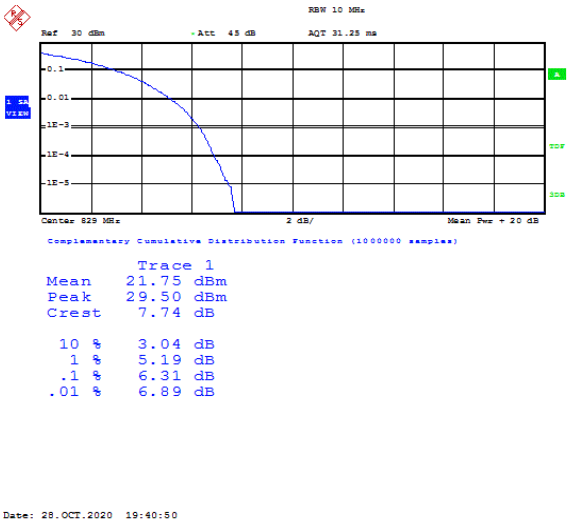

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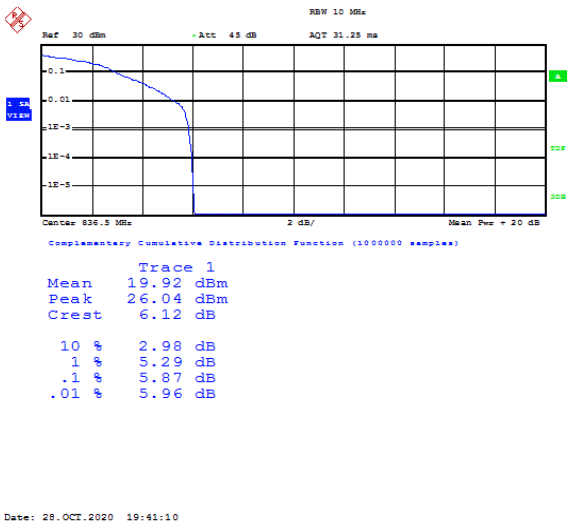
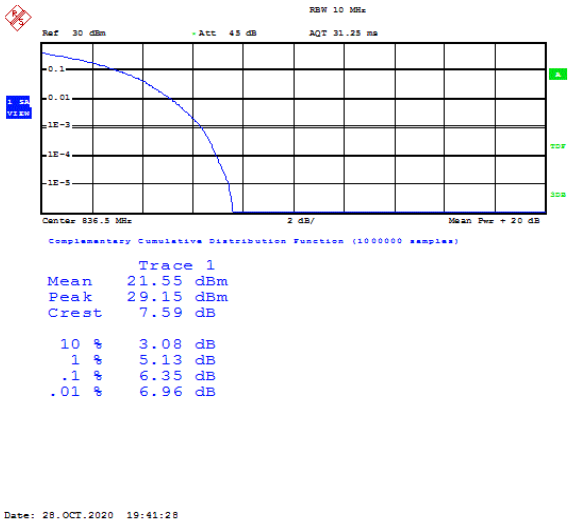


Band5-10MHz-16QAM-20525-50RB#0



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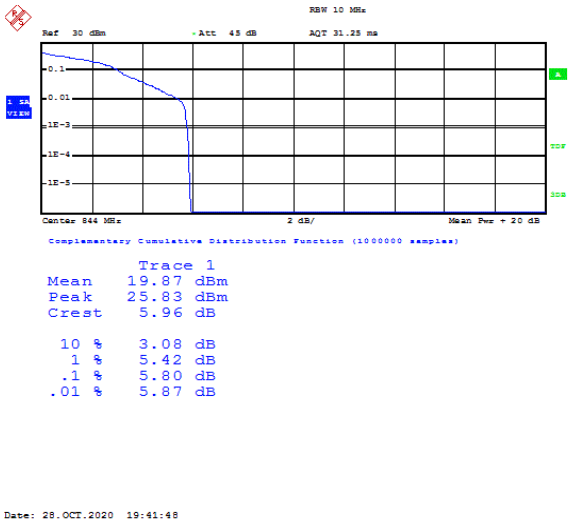

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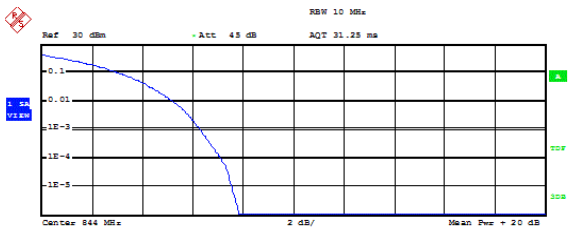


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	21.45 dBm
Peak	29.29 dBm
Crest	7.84 dB
10 %	3.08 dB
1 %	5.19 dB
.1 %	6.28 dB
.01 %	7.12 dB

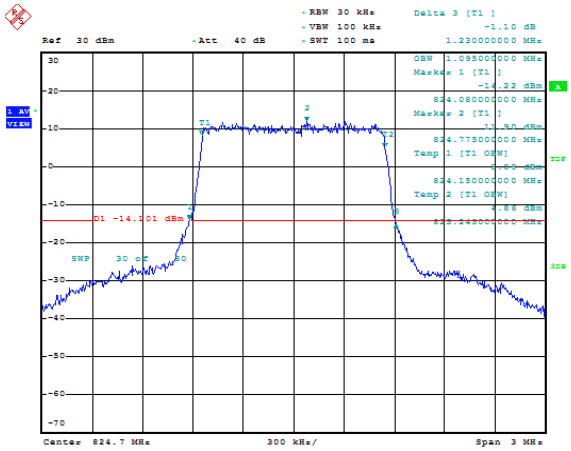
Date: 28.OCT.2020 19:42:06

1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.095	1.230	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.095	1.240	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.095	1.210	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.09	1.245	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.095	1.205	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.095	1.220	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.692	2.981	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.71	2.890	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7	2.870	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7	2.890	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7	2.860	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.69	2.870	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.519	4.984	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5	4.780	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5	4.790	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.51	4.780	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5	4.780	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.51	4.780	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.038	9.904	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.967	9.633	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.967	9.667	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.967	9.667	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.967	9.667	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.967	9.667	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0-1.095
 Date: 28.OCT.2020 18:50:57
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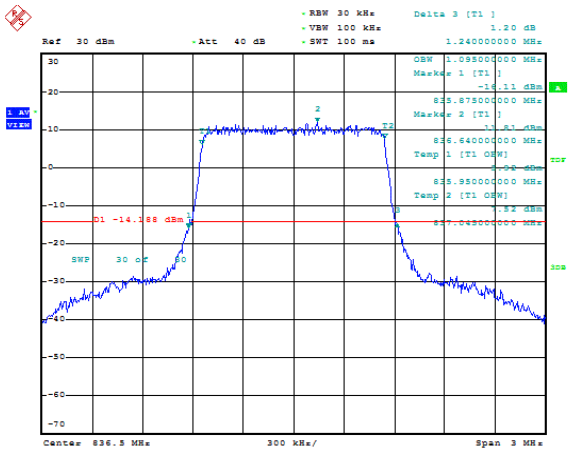 Date: 28.OCT.2020 18:51:20
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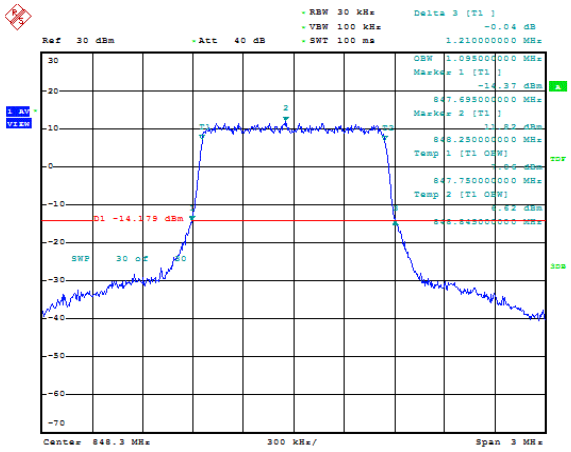

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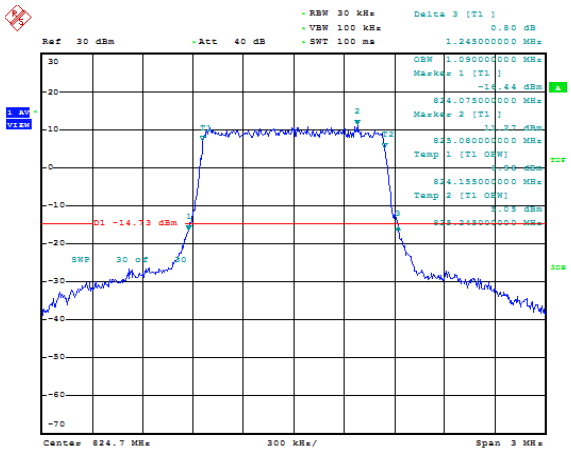

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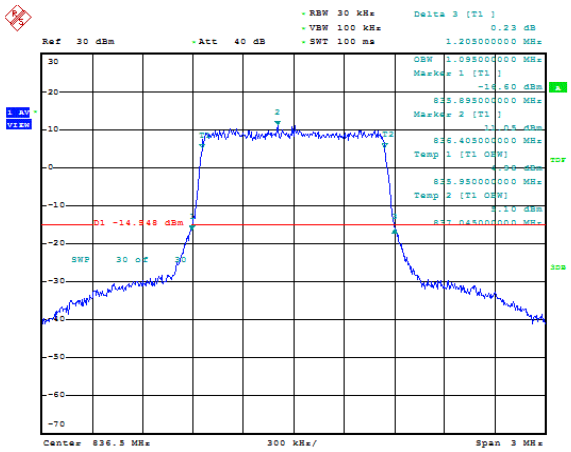

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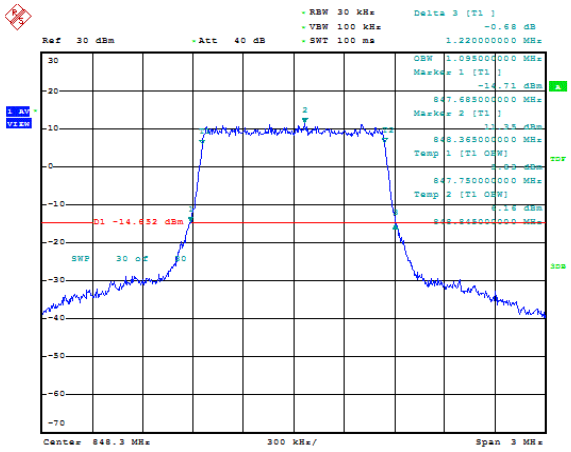

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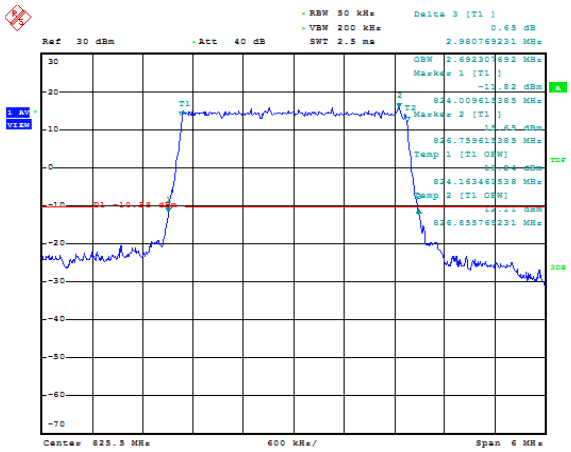

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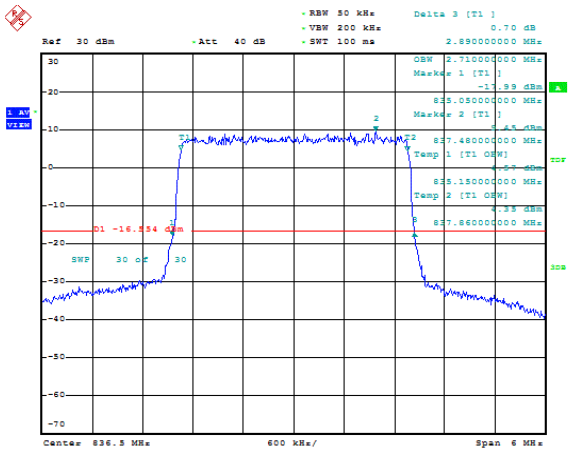

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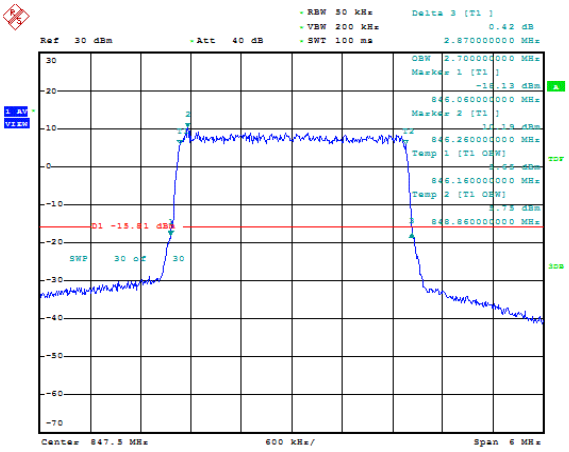

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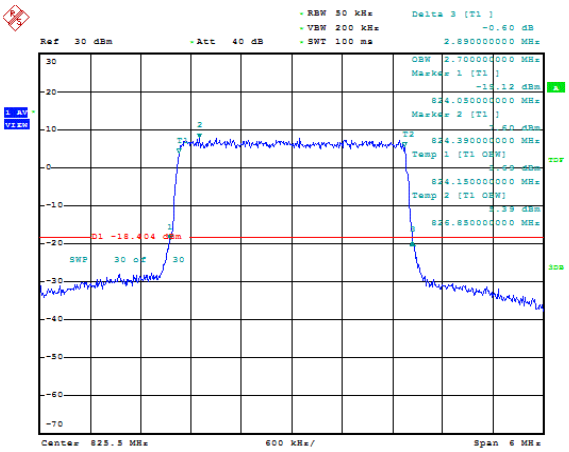

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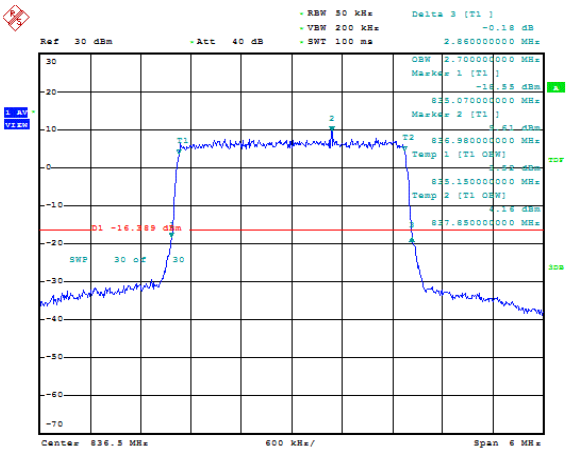

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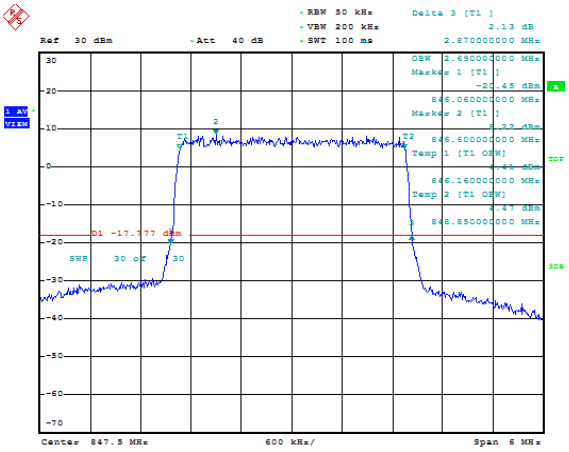

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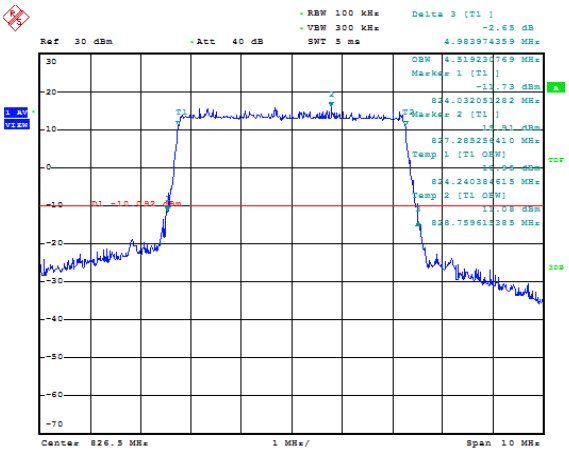

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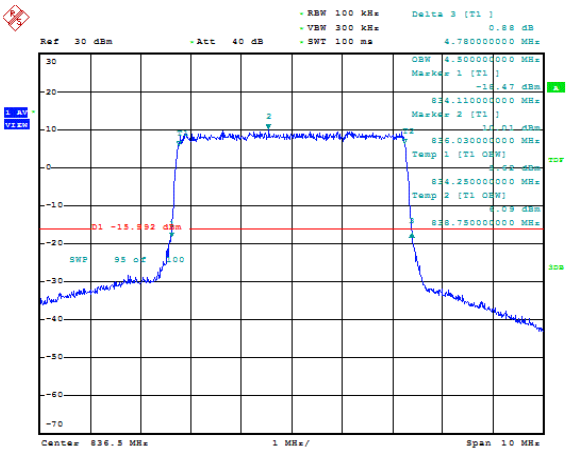

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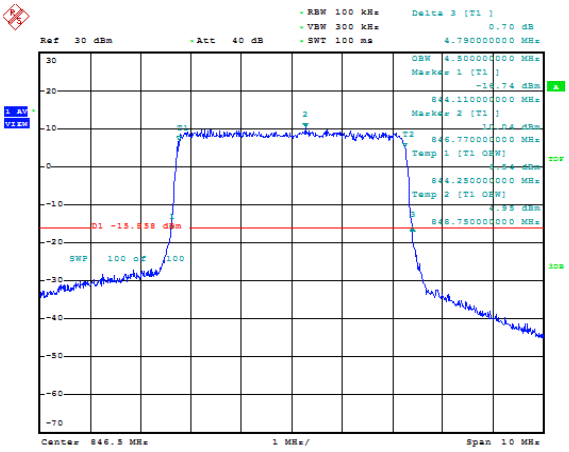

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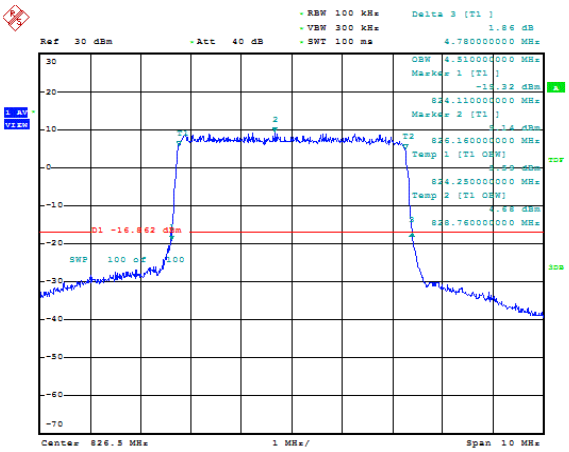

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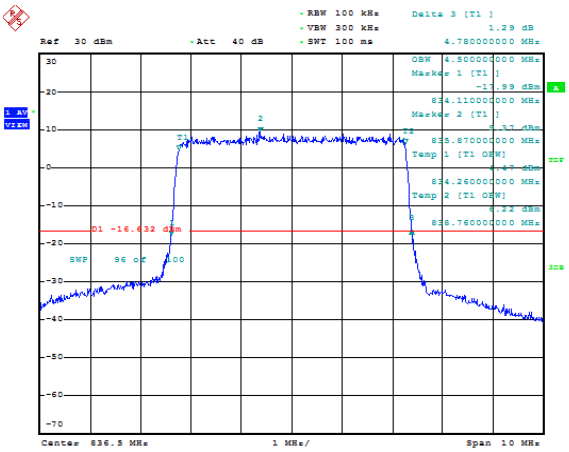

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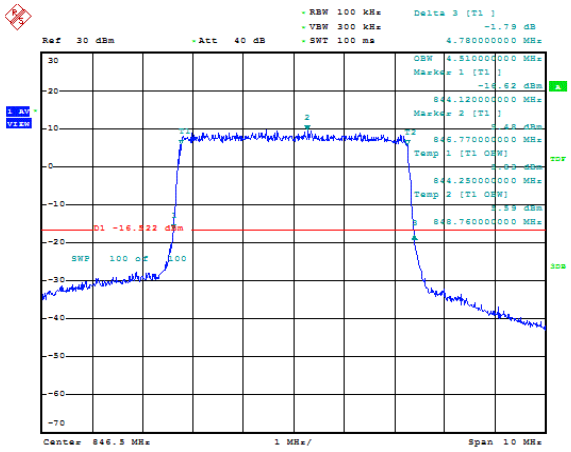

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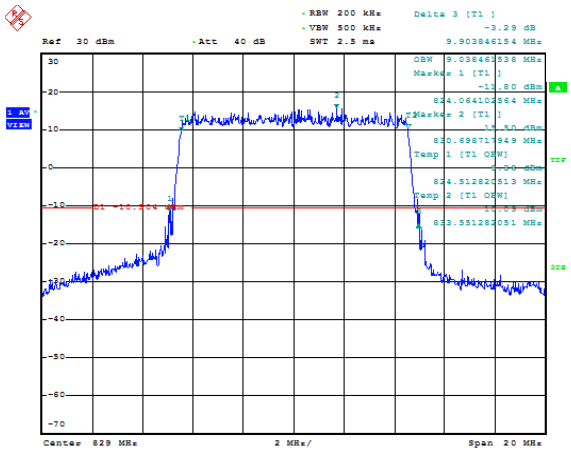

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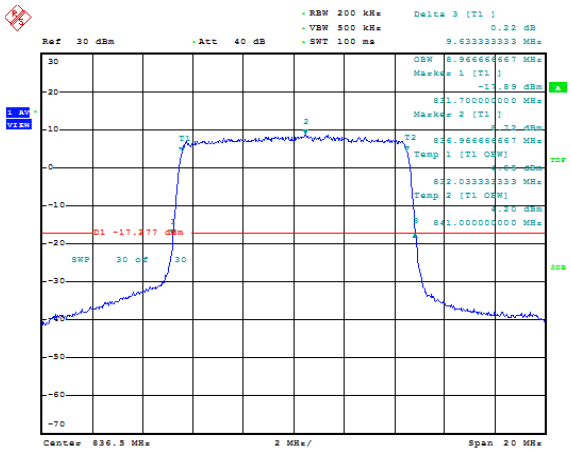
Band5-10MHz-QPSK-20525-50RB#0-8.967



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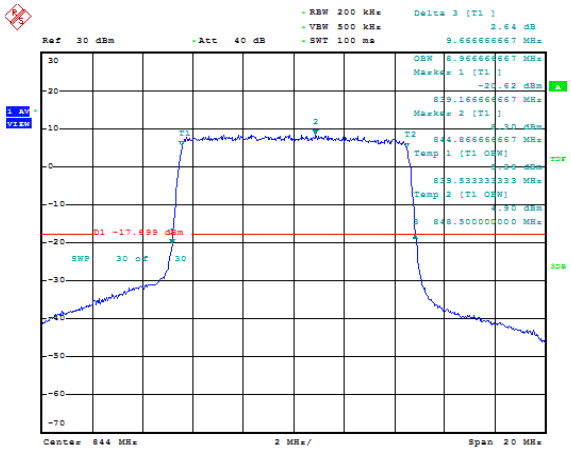
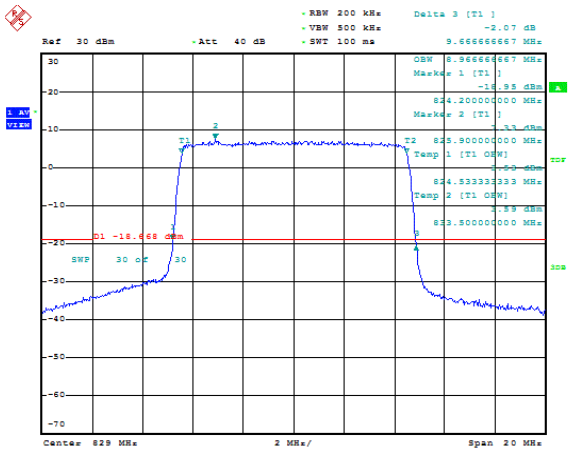
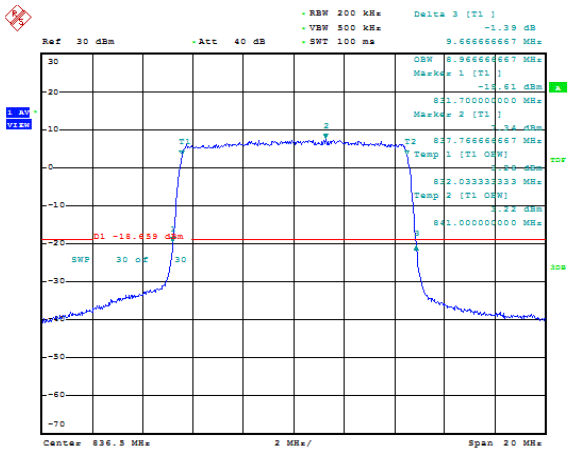
Band5-10MHz-QPSK-20600-50RB#0-8.967



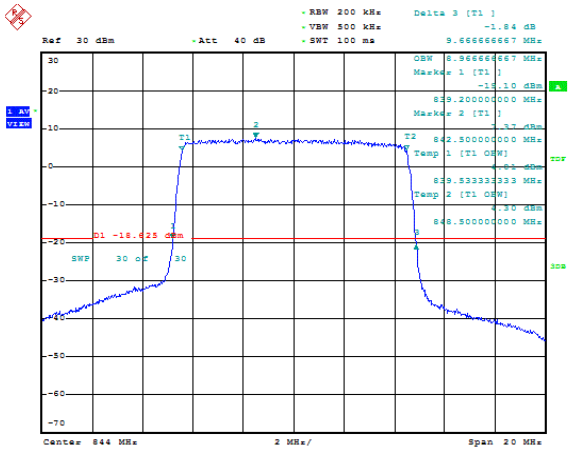
Band5-10MHz-16QAM-20450-50RB#0-8.967



Band5-10MHz-16QAM-20525-50RB#0-8.967



Band5-10MHz-16QAM-20600-50RB#0-8.967



Date: 28.OCT.2020 19:36:01

1.4. Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-23.78	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-48.19	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-26.84	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-44.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-24.52	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-29.05	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-24.59	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-49.06	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-28.01	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-45.35	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-24.28	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-30.80	PASS
Band5	3MHz	QPSK	20415	1RB#0	-22.35	PASS
Band5	3MHz	QPSK	20415	1RB#14	-44.03	PASS
Band5	3MHz	QPSK	20415	15RB#0	-26.05	PASS
Band5	3MHz	QPSK	20635	1RB#0	-45.22	PASS
Band5	3MHz	QPSK	20635	1RB#14	-21.18	PASS
Band5	3MHz	QPSK	20635	15RB#0	-29.11	PASS
Band5	3MHz	16QAM	20415	1RB#0	-22.01	PASS
Band5	3MHz	16QAM	20415	1RB#14	-45.47	PASS
Band5	3MHz	16QAM	20415	15RB#0	-26.74	PASS
Band5	3MHz	16QAM	20635	1RB#0	-45.61	PASS
Band5	3MHz	16QAM	20635	1RB#14	-21.44	PASS
Band5	3MHz	16QAM	20635	15RB#0	-29.72	PASS
Band5	5MHz	QPSK	20425	1RB#0	-23.48	PASS
Band5	5MHz	QPSK	20425	1RB#24	-49.59	PASS
Band5	5MHz	QPSK	20425	25RB#0	-26.44	PASS
Band5	5MHz	QPSK	20625	1RB#0	-49.73	PASS
Band5	5MHz	QPSK	20625	1RB#24	-23.36	PASS
Band5	5MHz	QPSK	20625	25RB#0	-29.62	PASS
Band5	5MHz	16QAM	20425	1RB#0	-25.49	PASS
Band5	5MHz	16QAM	20425	1RB#24	-49.88	PASS
Band5	5MHz	16QAM	20425	25RB#0	-27.90	PASS

Band5	5MHz	16QAM	20625	1RB#0	-49.92	PASS
Band5	5MHz	16QAM	20625	1RB#24	-23.89	PASS
Band5	5MHz	16QAM	20625	25RB#0	-30.70	PASS
Band5	10MHz	QPSK	20450	1RB#0	-17.66	PASS
Band5	10MHz	QPSK	20450	1RB#49	-48.26	PASS
Band5	10MHz	QPSK	20450	50RB#0	-27.08	PASS
Band5	10MHz	QPSK	20600	1RB#0	-48.73	PASS
Band5	10MHz	QPSK	20600	1RB#49	-14.37	PASS
Band5	10MHz	QPSK	20600	50RB#0	-29.72	PASS
Band5	10MHz	16QAM	20450	1RB#0	-18.82	PASS
Band5	10MHz	16QAM	20450	1RB#49	-48.47	PASS
Band5	10MHz	16QAM	20450	50RB#0	-28.78	PASS
Band5	10MHz	16QAM	20600	1RB#0	-48.76	PASS
Band5	10MHz	16QAM	20600	1RB#49	-15.93	PASS
Band5	10MHz	16QAM	20600	50RB#0	-30.58	PASS

Test Graphs

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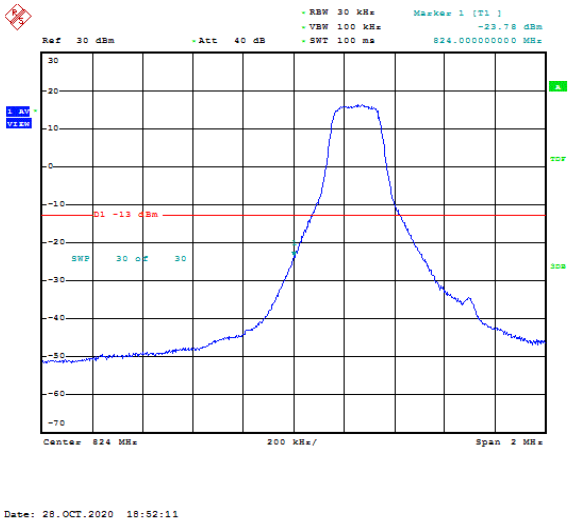
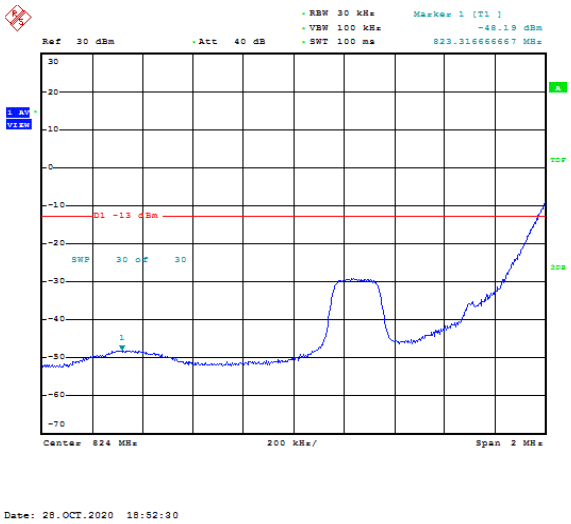


Band5-1.4MHz-QPSK-20407-1RB#5


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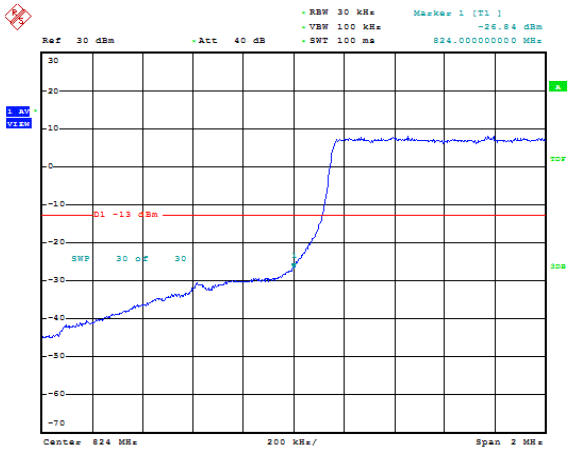

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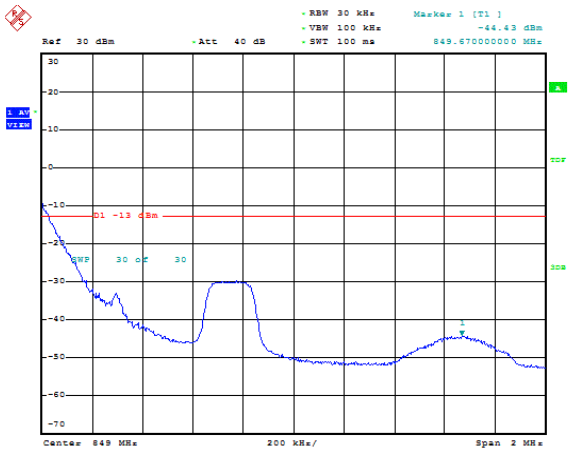

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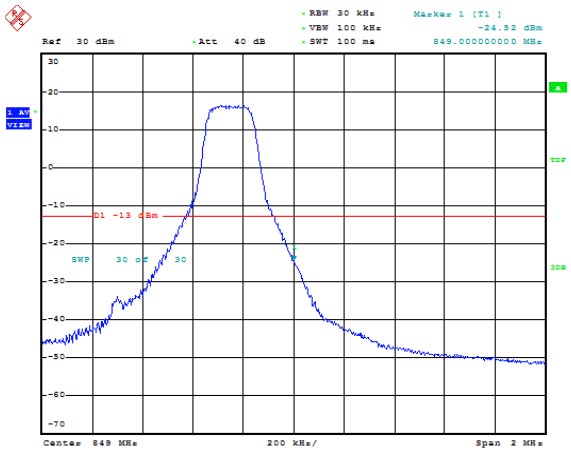

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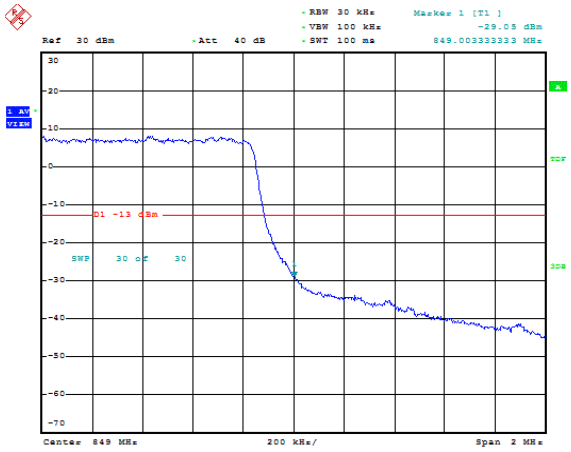

Date: 28.OCT.2020 18:54:02

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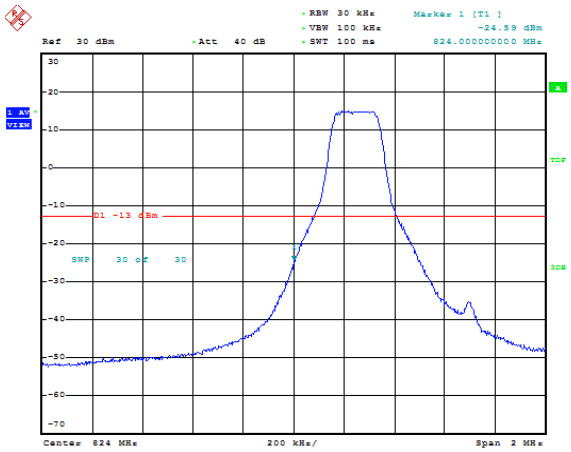

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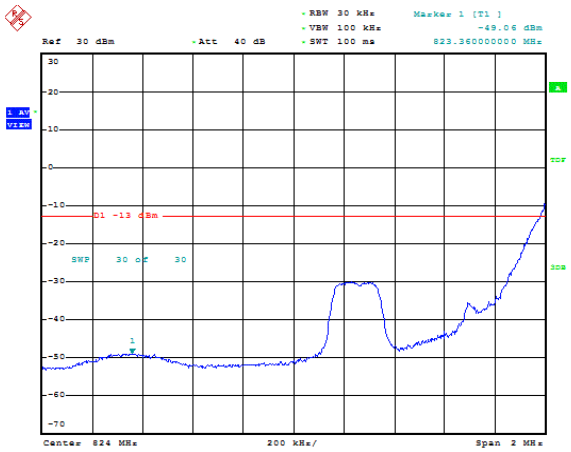

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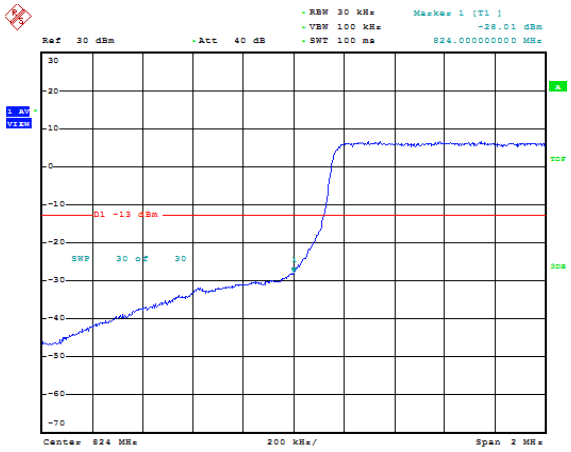

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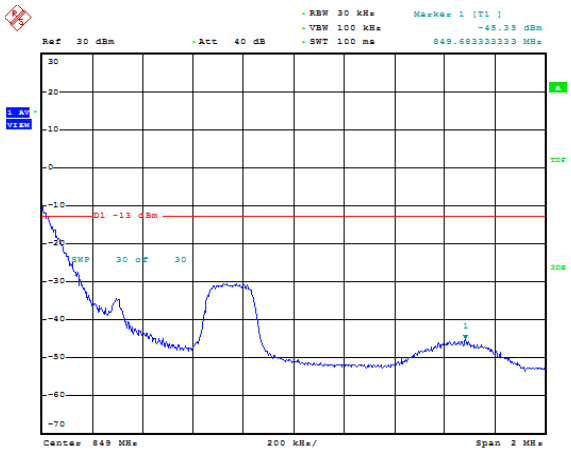

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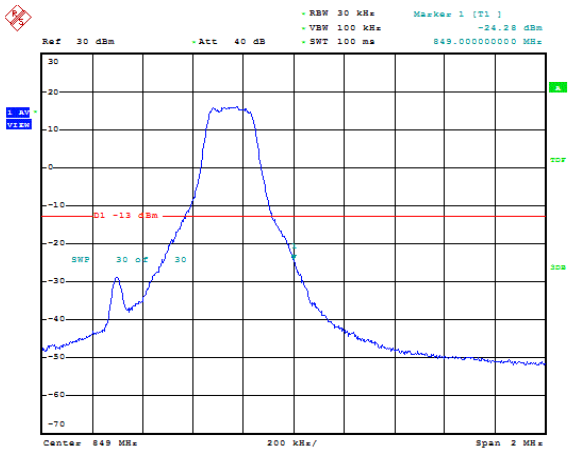

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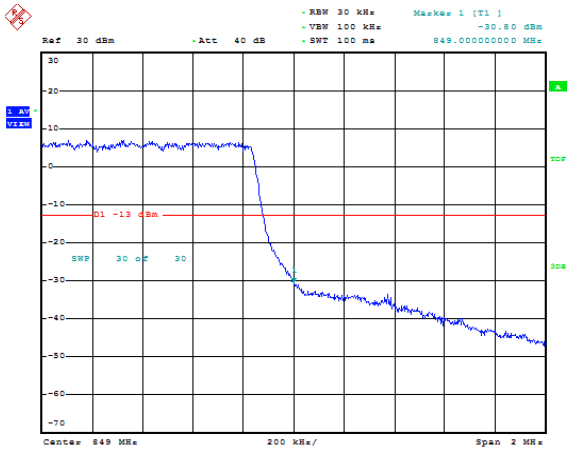

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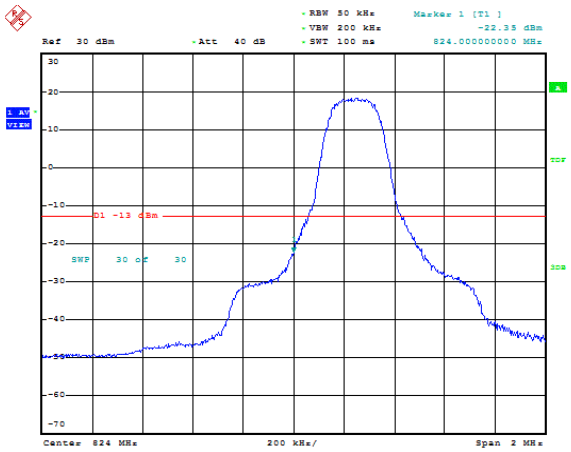

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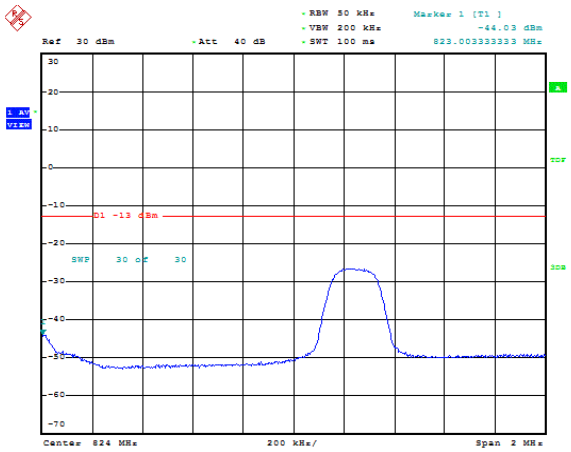

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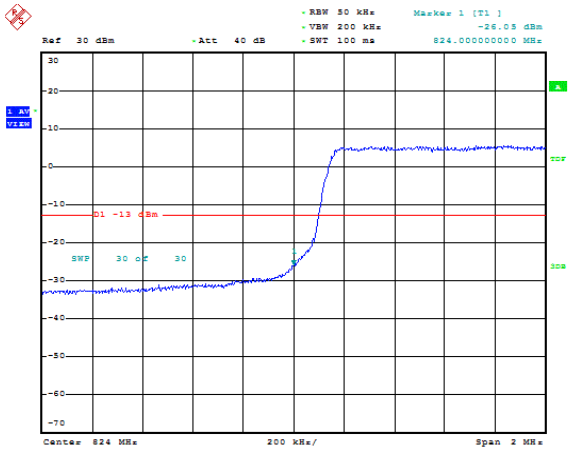

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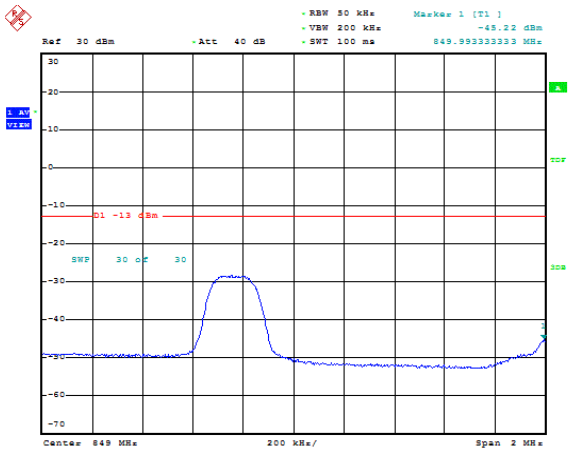

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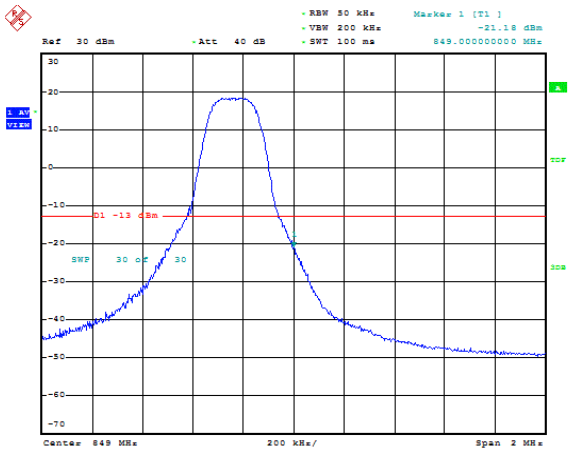

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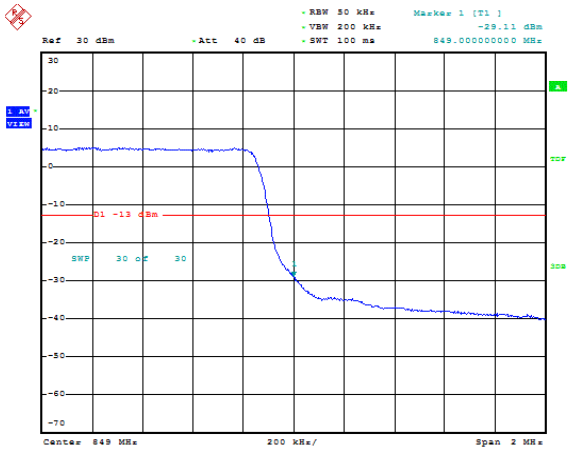

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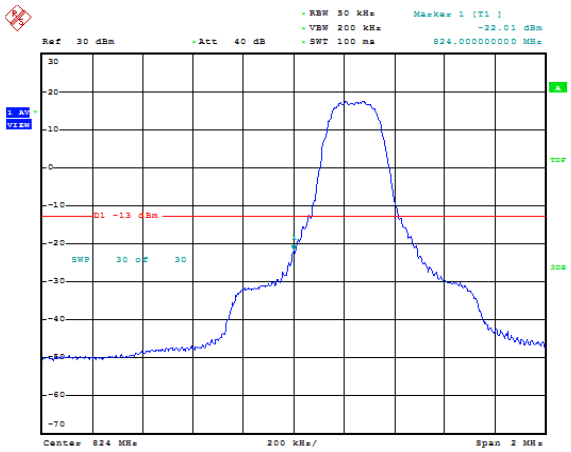

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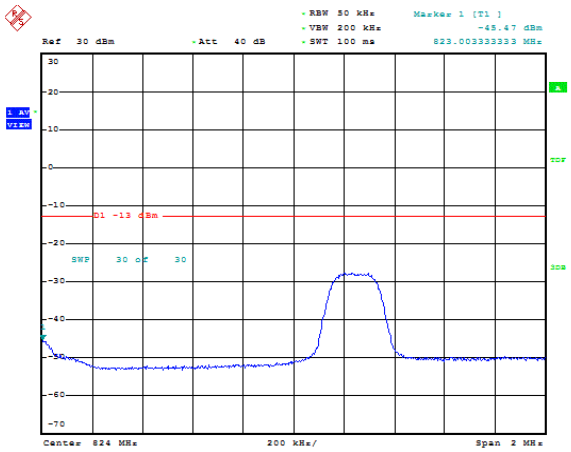

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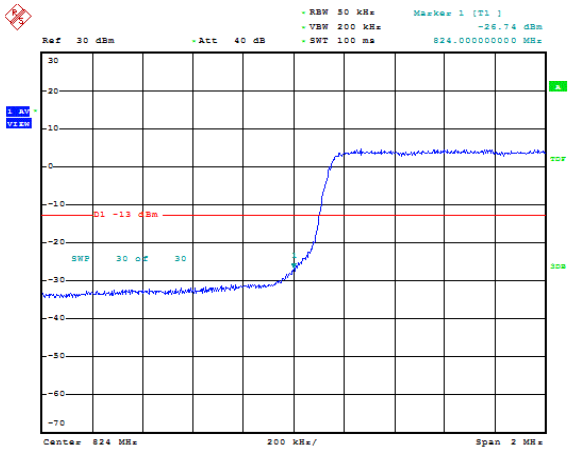

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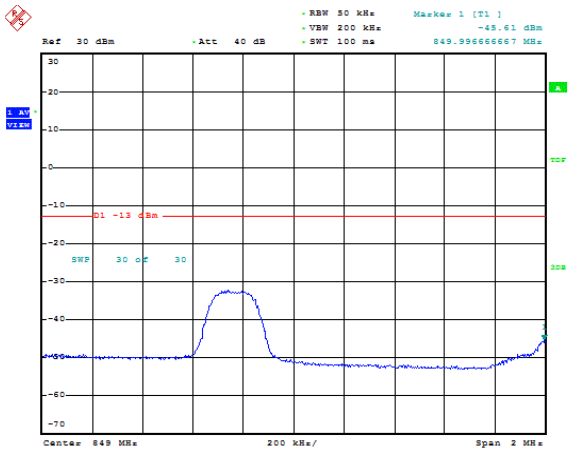

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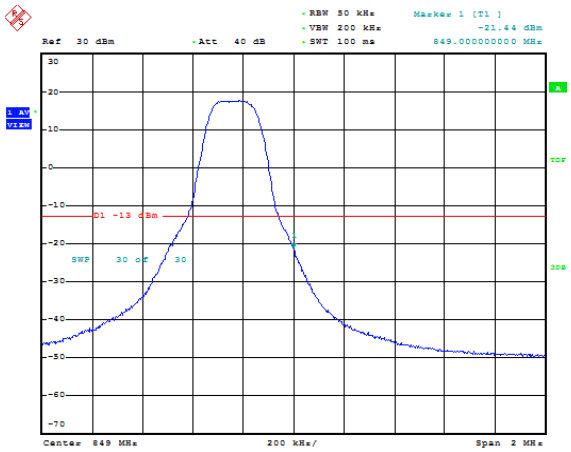

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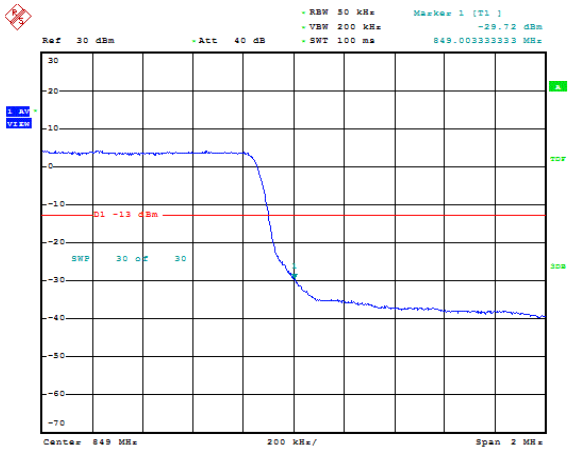

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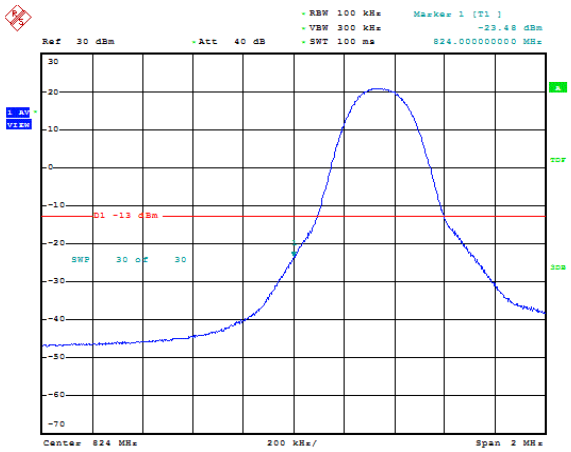

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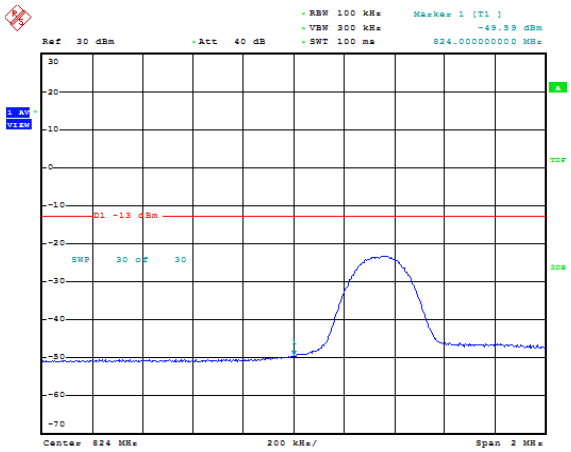

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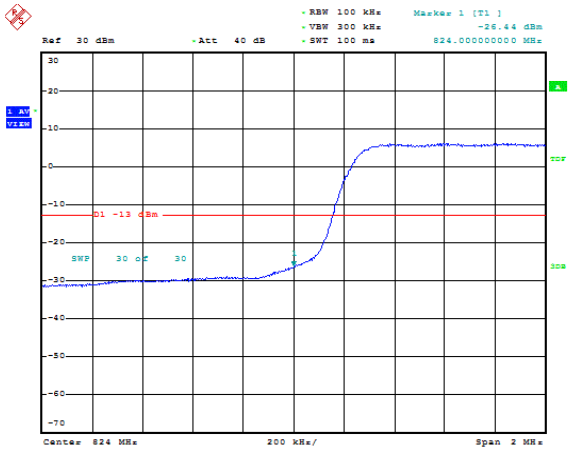

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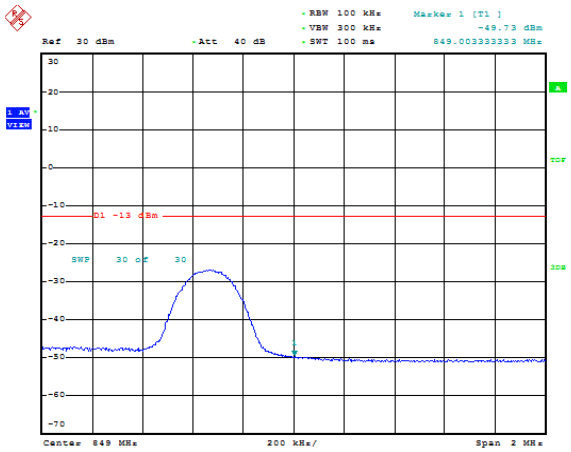

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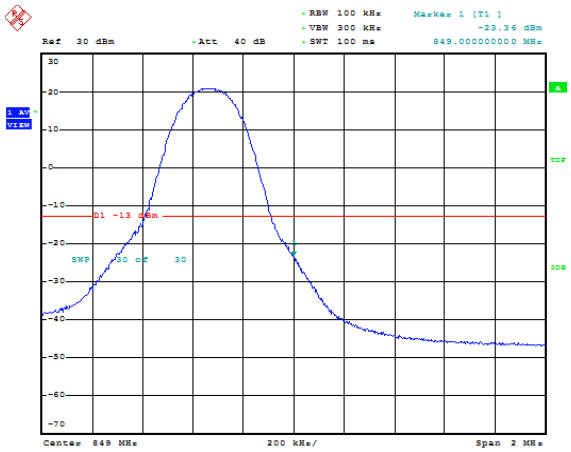

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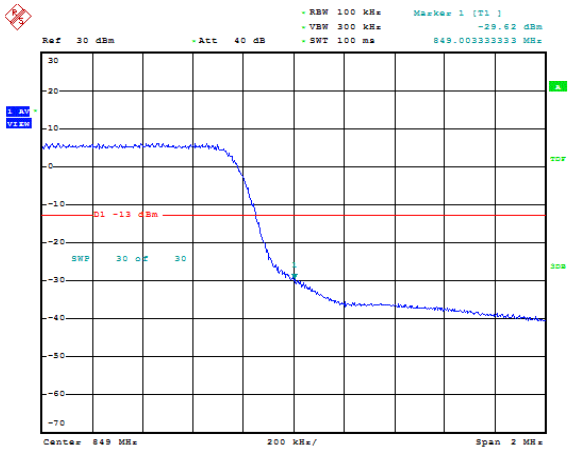

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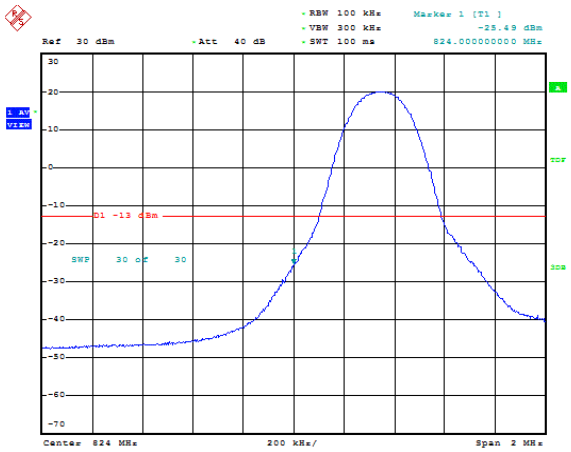

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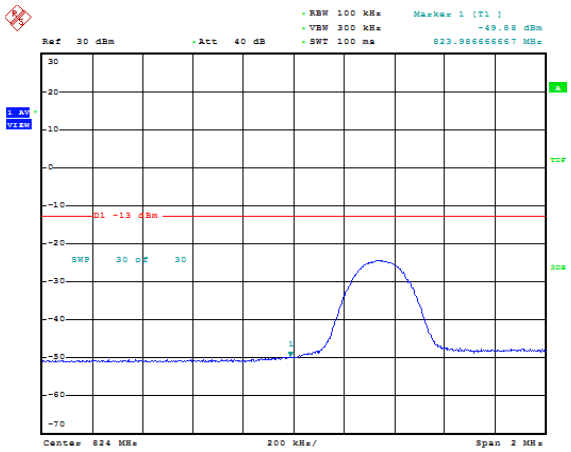

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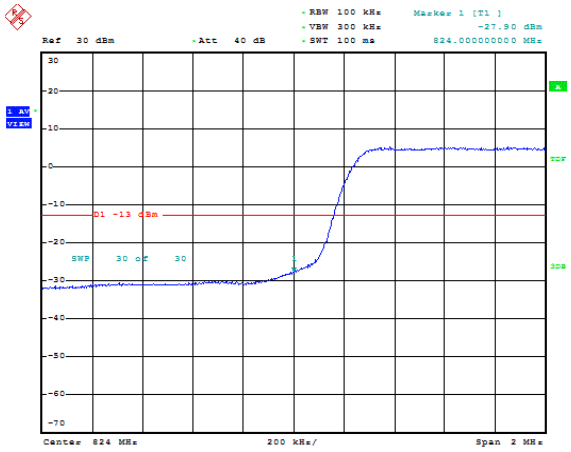

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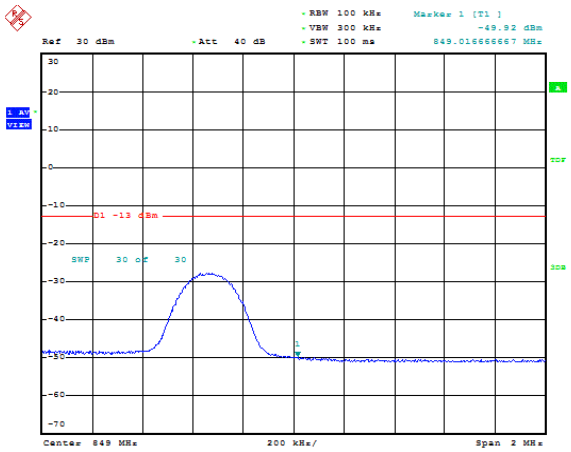

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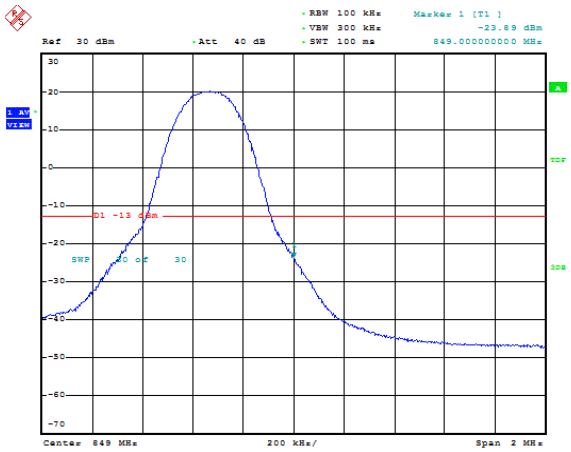

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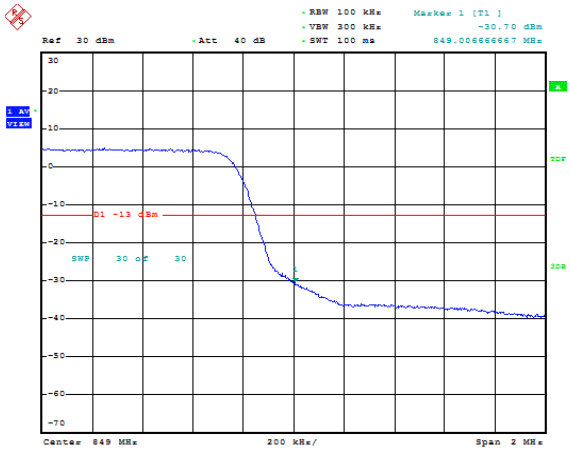

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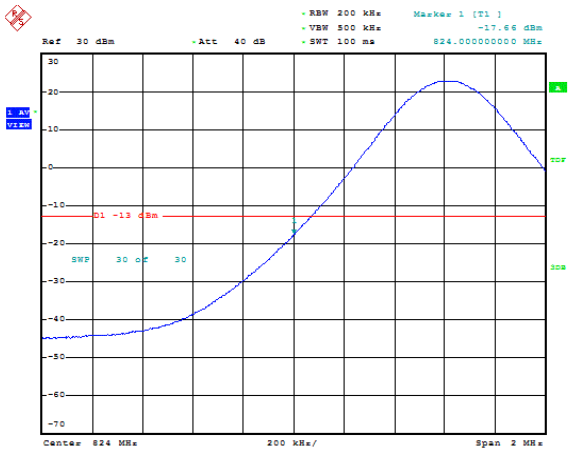

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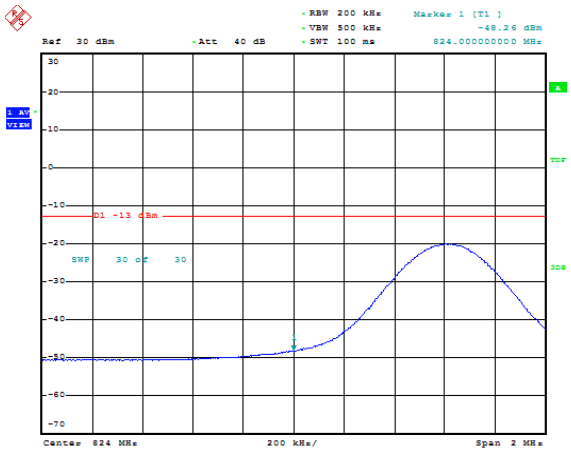
Band5-10MHz-QPSK-20450-1RB#49



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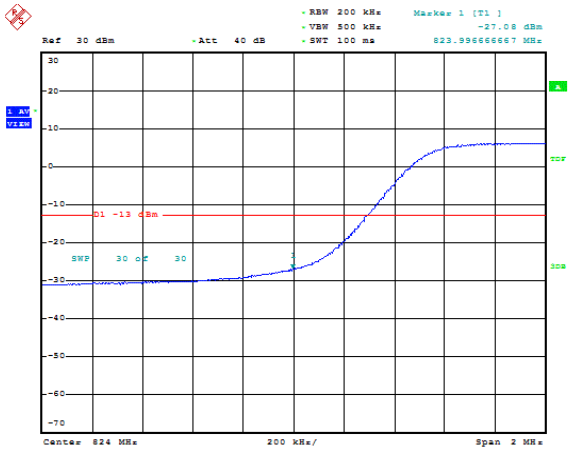
Band5-10MHz-QPSK-20450-50RB#0



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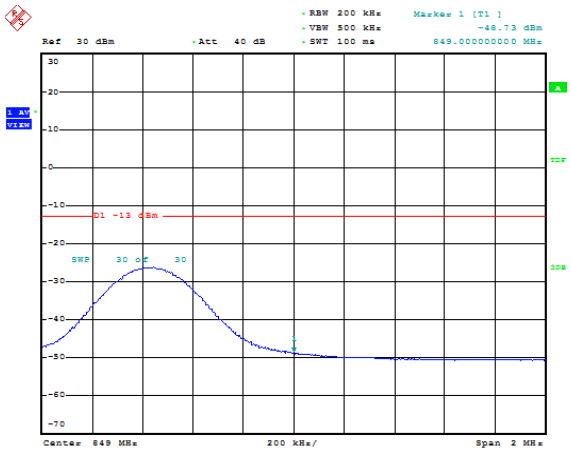
Band5-10MHz-QPSK-20600-1RB#0



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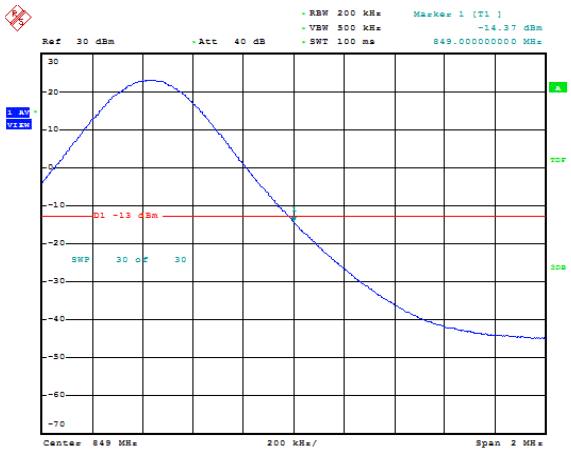
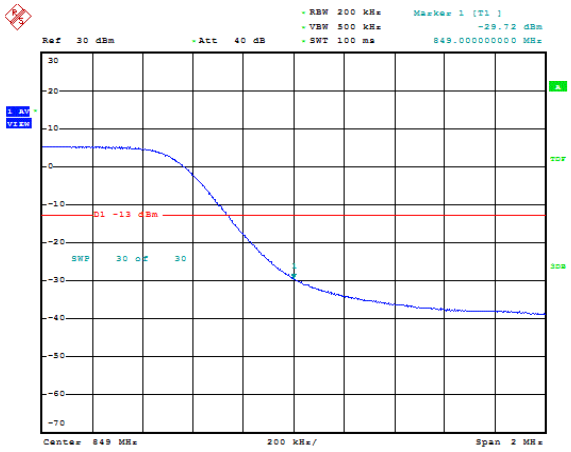


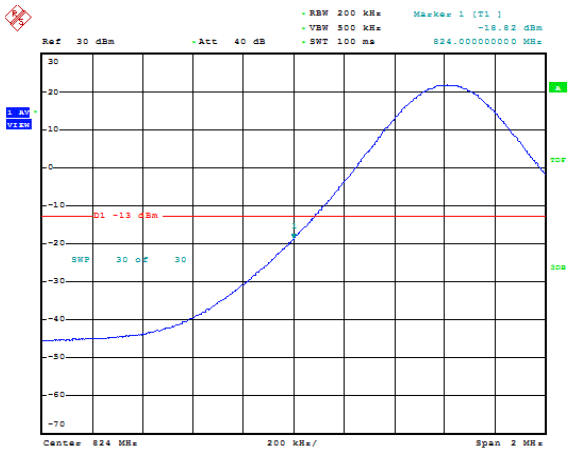
Date: 28.OCT.2020 19:37:49

Band5-10MHz-QPSK-20600-50RB#0



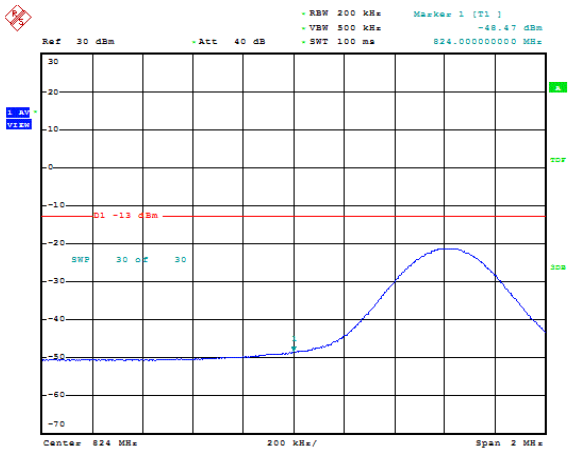
Date: 28.OCT.2020 19:38:09

Band5-10MHz-16QAM-20450-1RB#0



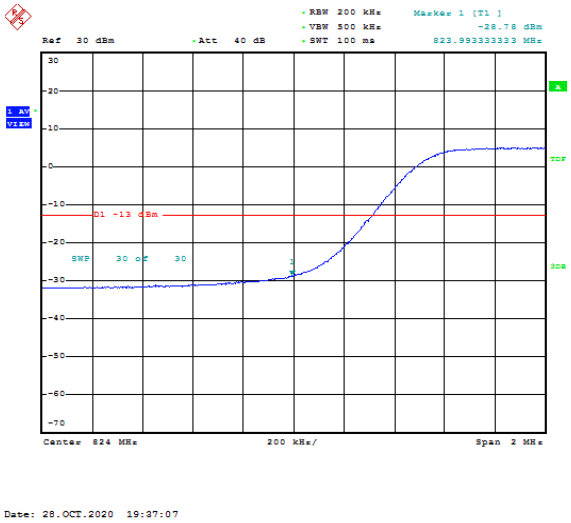
Date: 28.OCT.2020 19:36:28

Band5-10MHz-16QAM-20450-1RB#49

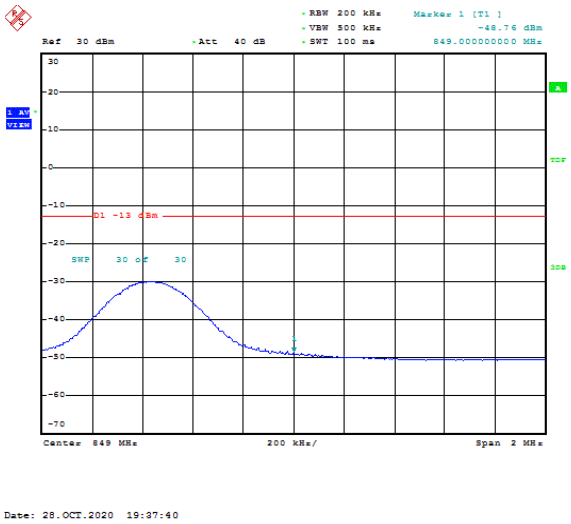


Date: 28.OCT.2020 19:36:47

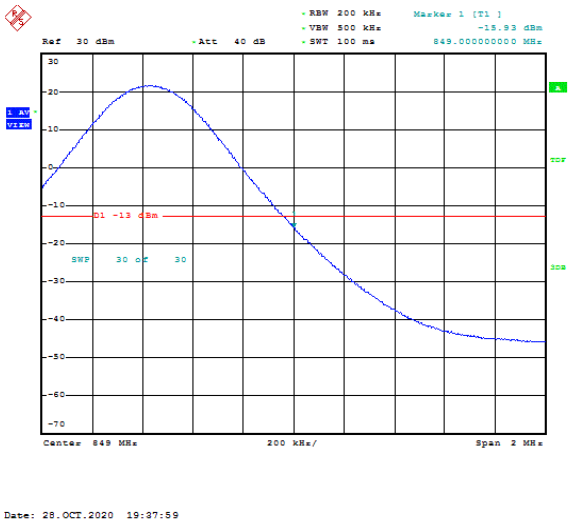
Band5-10MHz-16QAM-20450-50RB#0



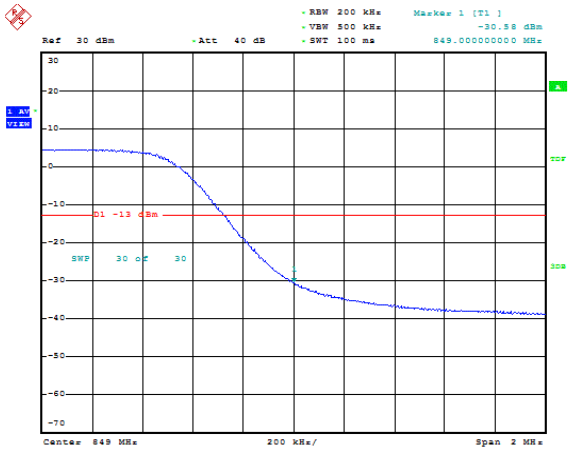
Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-1RB#49



Band5-10MHz-16QAM-20600-50RB#0



Date: 28.OCT.2020 19:38:19

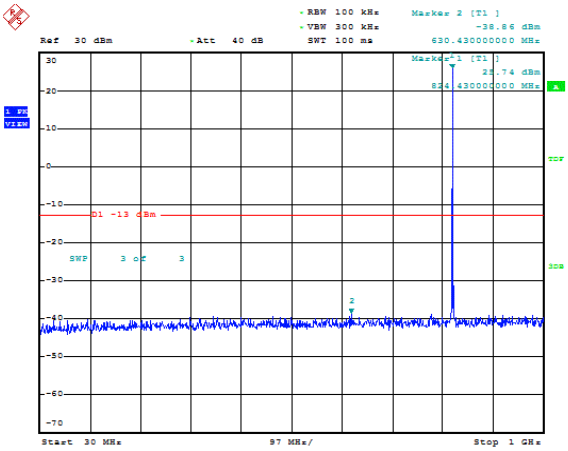
1.5. Appendix E: Conducted Spurious Emission

Test Result

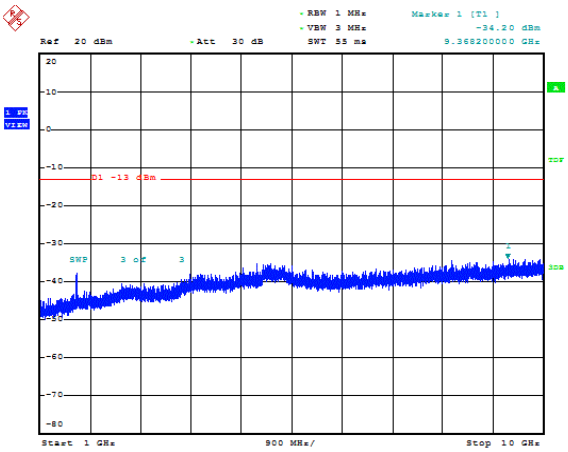
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-38.86	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-34.2	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-38.12	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-34	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-38.63	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-33.63	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-38.48	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-33.6	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-38.78	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-34.09	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-39.25	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-33.57	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-36.92	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-34.15	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-38.66	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-34.36	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-38.84	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-34.01	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-38.2	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-33.78	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-38.12	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-33.89	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-38.02	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-34.12	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-38.19	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-34.05	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-38.08	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-33.98	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-38.91	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-34.15	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-38.64	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-34.52	PASS

Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-38.51	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-34.04	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-38.88	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-33.9	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-38.68	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-34.15	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-38.66	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-34.21	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-38.99	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-33.85	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-38.9	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-33.03	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-38.44	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-34.02	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-38.5	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-33.87	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0-Range1:30~1000MHz


Date: 28.OCT.2020 19:19:57

Band5-1.4MHz-QPSK-20407-1RB#0-Range2:1000~10000MHz


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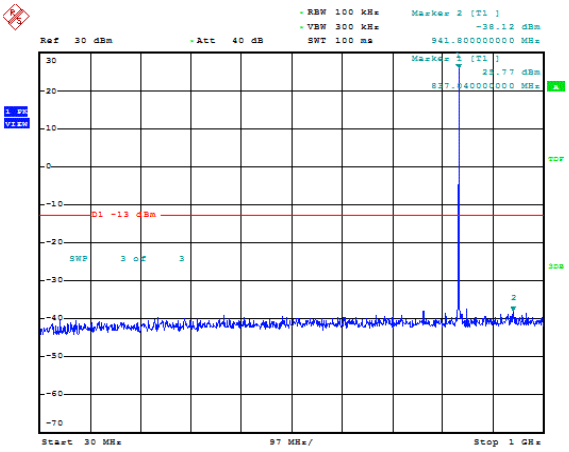
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



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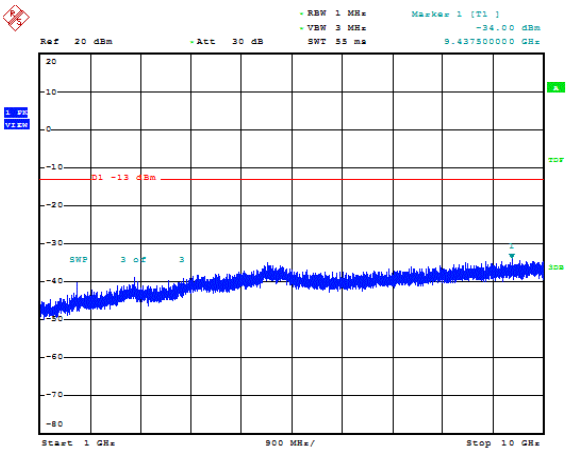
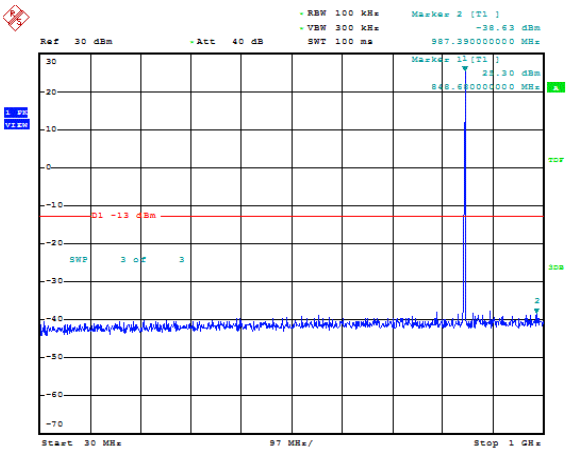
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Date: 28.OCT.2020 19:20:42

Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz



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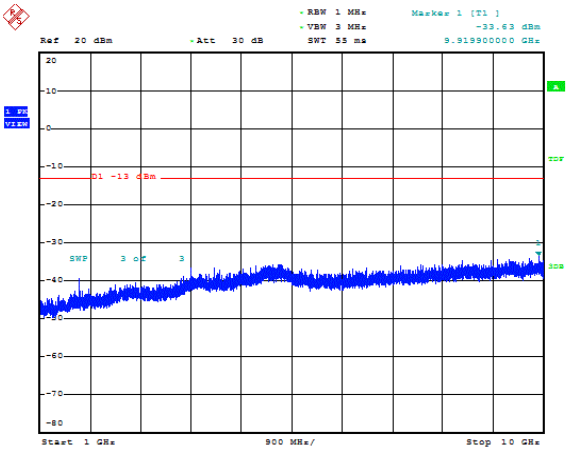

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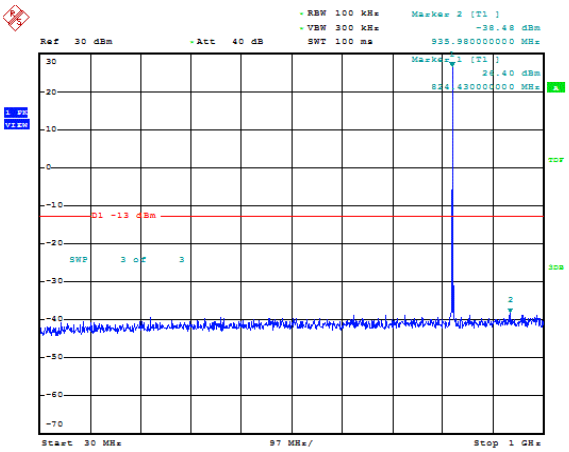

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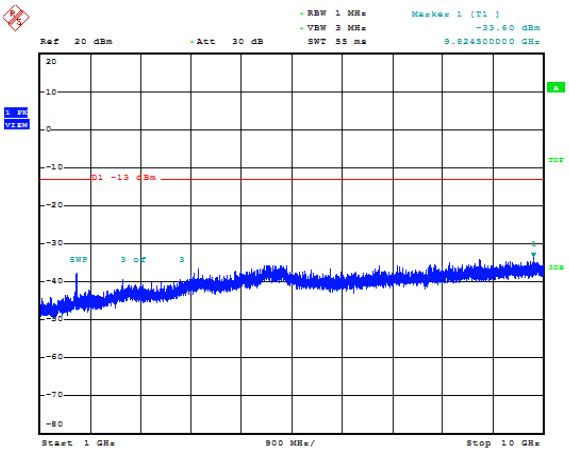

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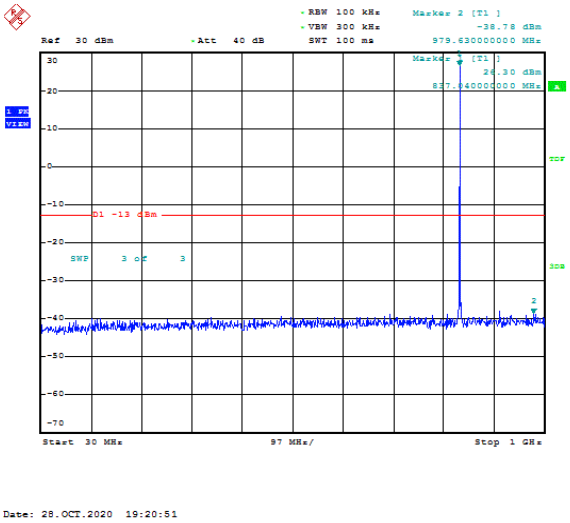
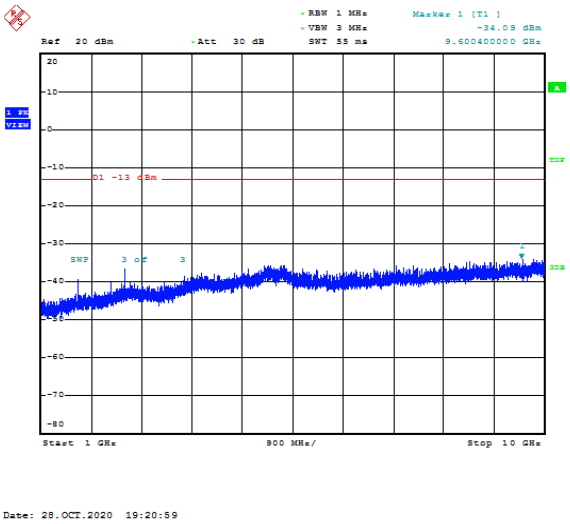
Band5-1.4MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



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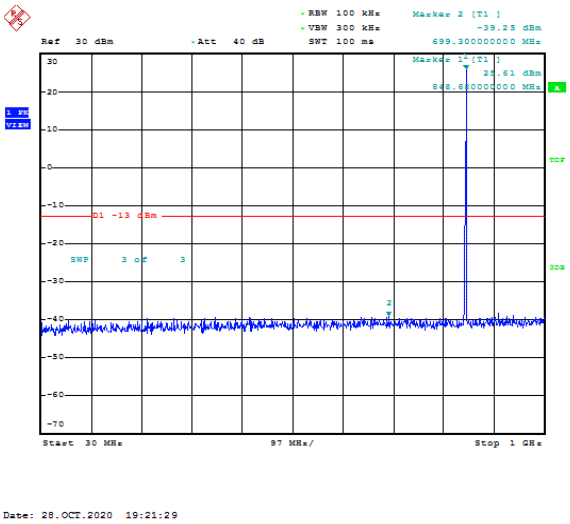

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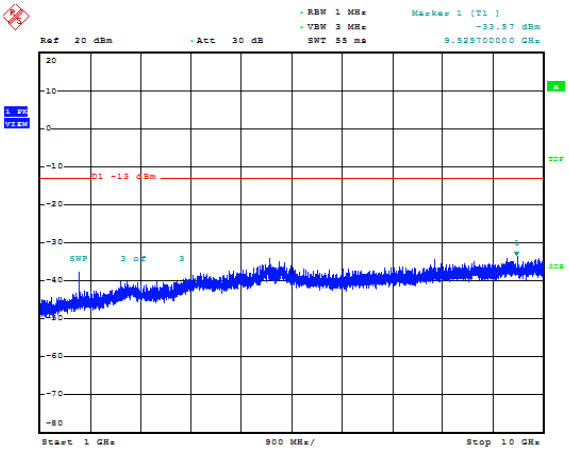

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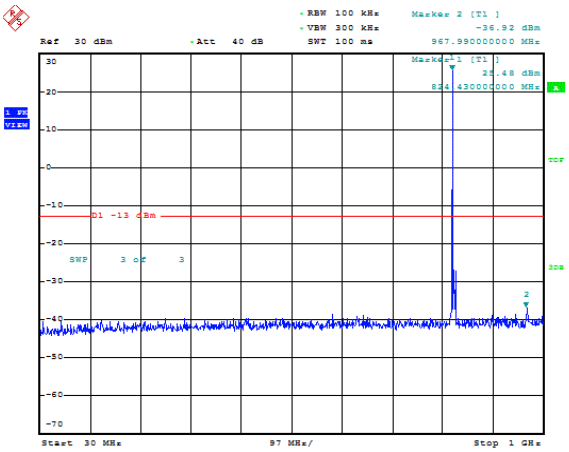

Date: 28.OCT.2020 19:24:49

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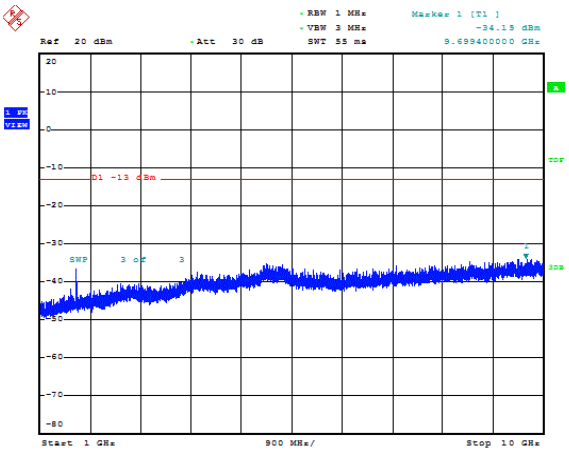

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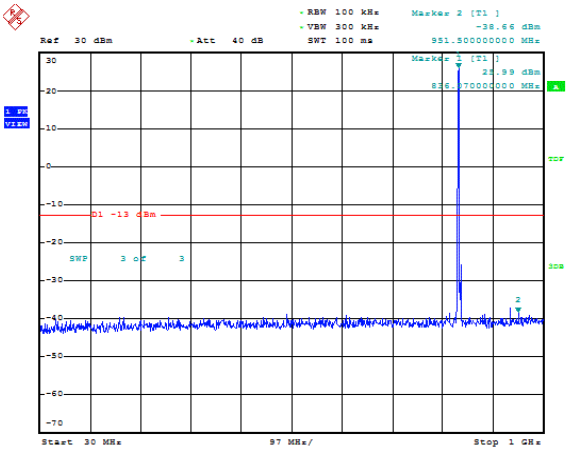

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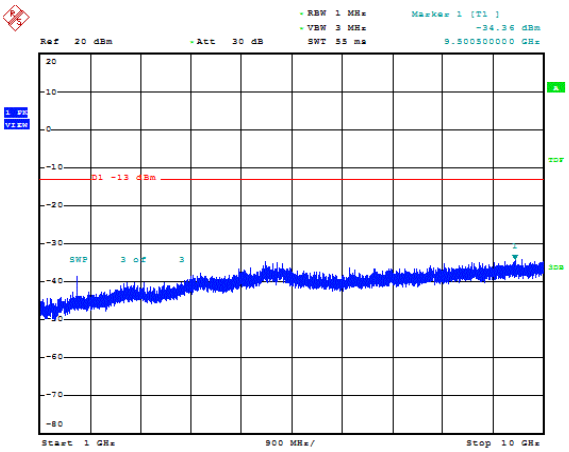

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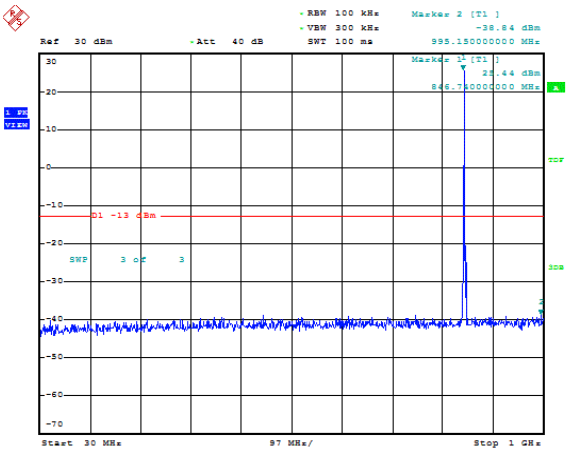

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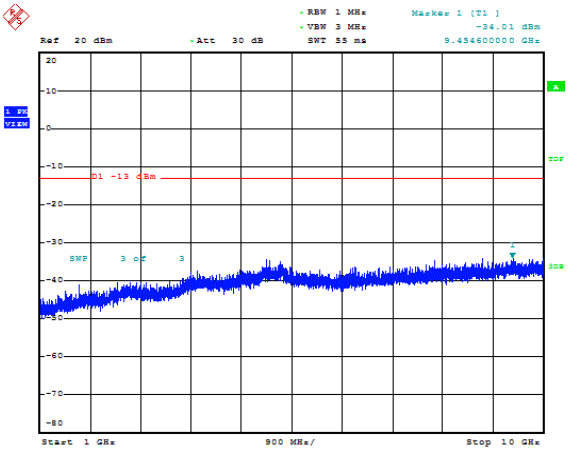
Band5-3MHz-QPSK-20635-1RB#0-Range2:1000~10000MHz



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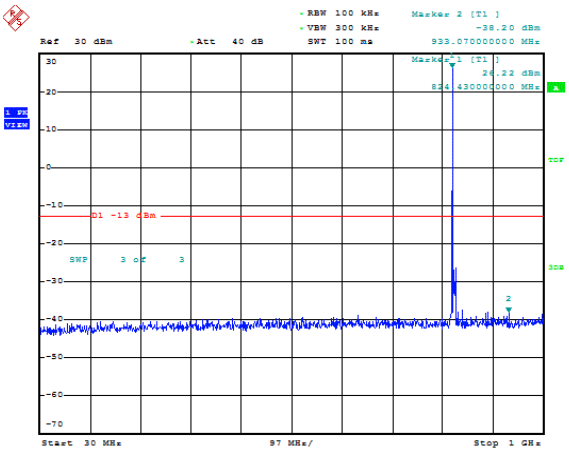
Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



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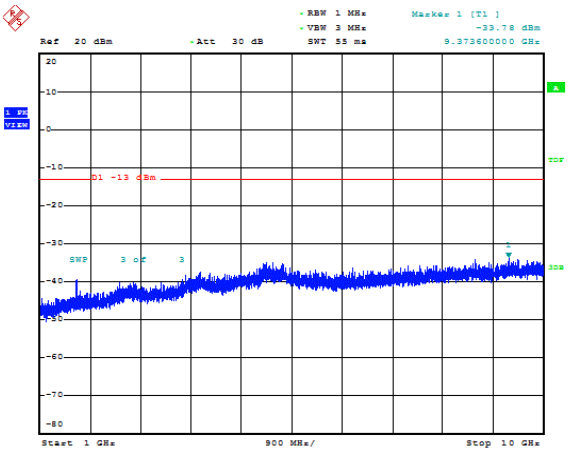
Band5-3MHz-16QAM-20415-1RB#0-Range2:1000~10000MHz



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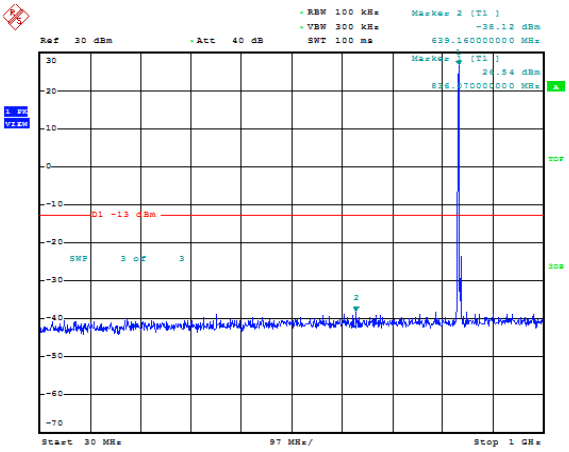
Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



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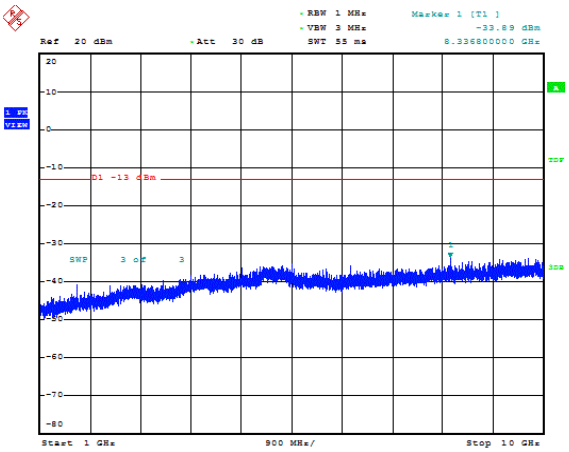
Band5-3MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



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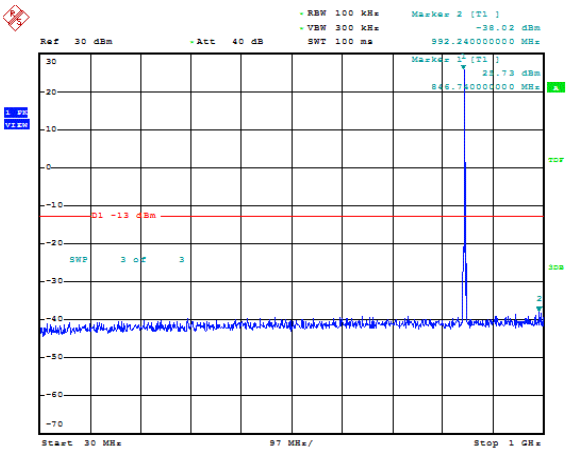
Band5-3MHz-16QAM-20635-1RB#0-Range1:30~1000MHz



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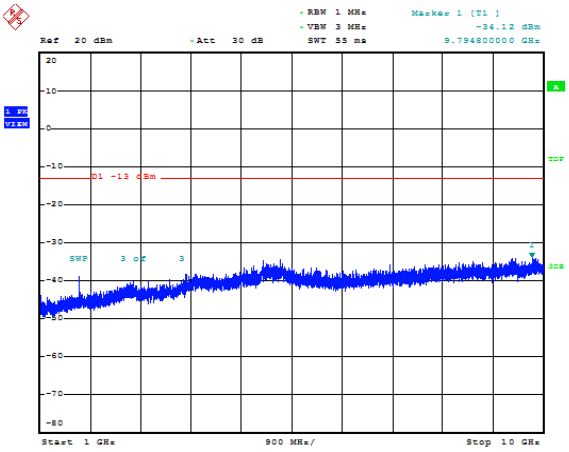
Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz



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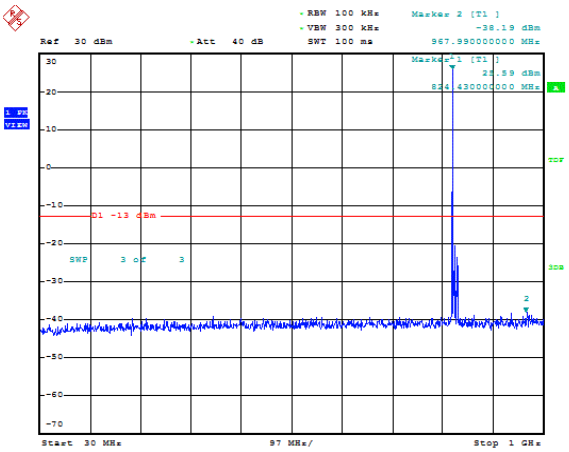
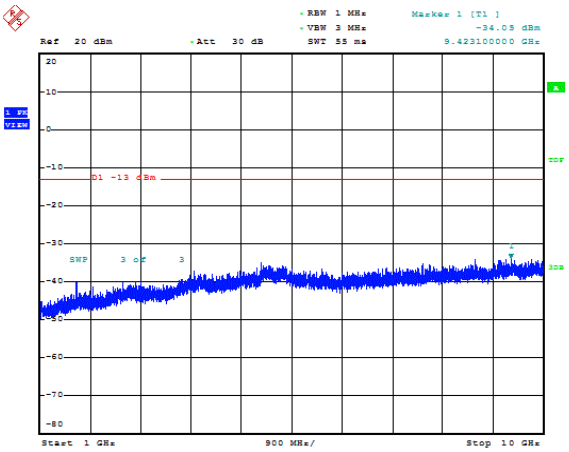
Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



Date: 28.OCT.2020 19:29:27

Band5-5MHz-QPSK-20425-1RB#0-Range2:1000~10000MHz



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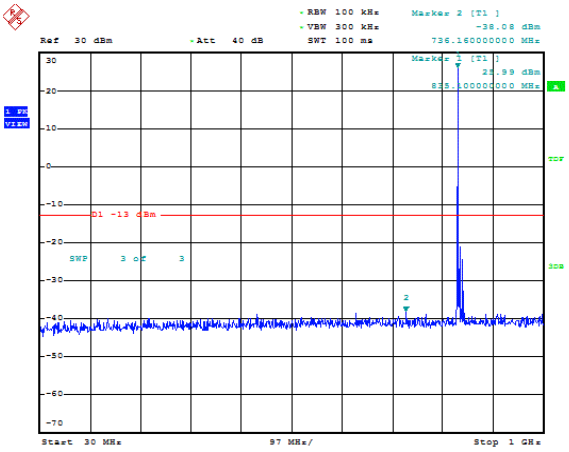
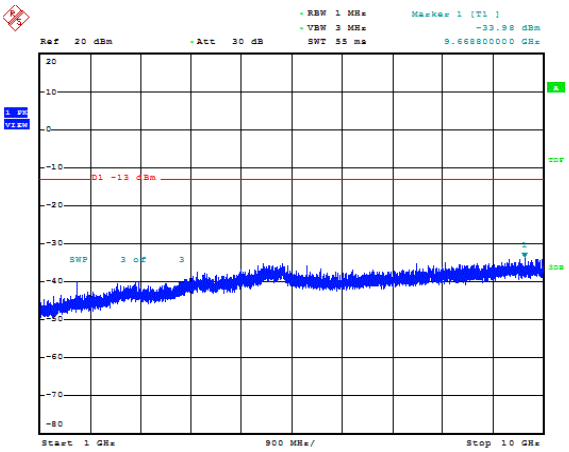
Band5-5MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



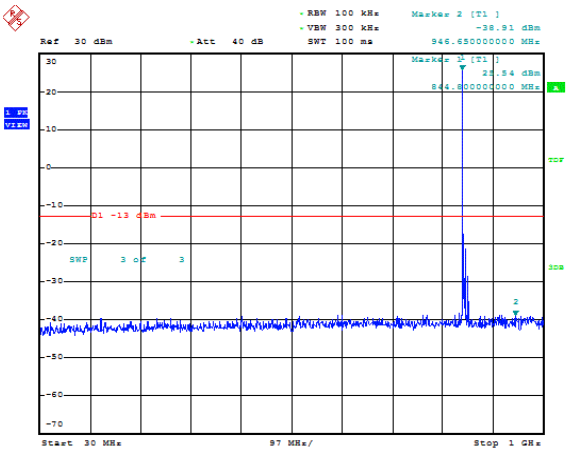
Date: 28.OCT.2020 19:30:04

Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



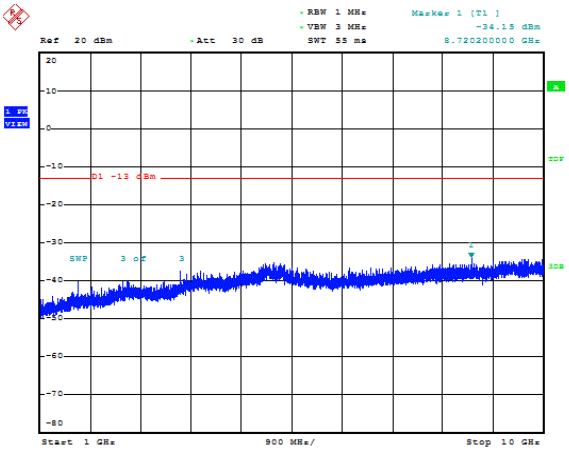
Date: 28.OCT.2020 19:30:12

Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz



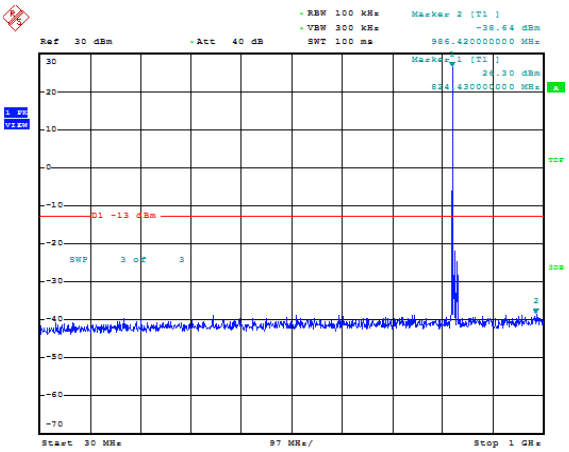
Date: 28.OCT.2020 19:30:42

Band5-5MHz-QPSK-20625-1RB#0-Range2:1000~10000MHz



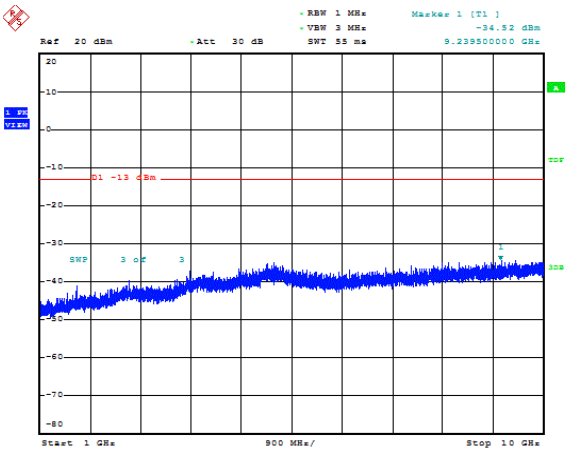
Date: 28.OCT.2020 19:30:50

Band5-5MHz-16QAM-20425-1RB#0-Range1:30~1000MHz



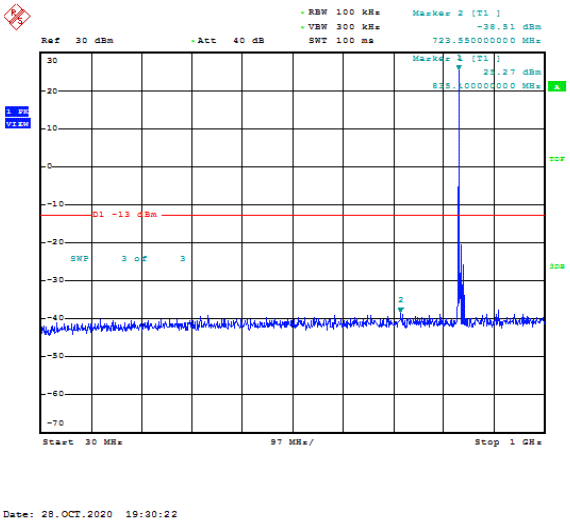
Date: 28.OCT.2020 19:29:45

Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz

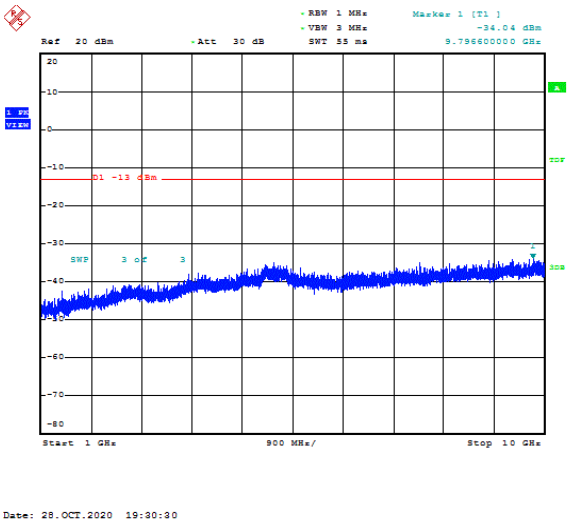


Date: 28.OCT.2020 19:29:52

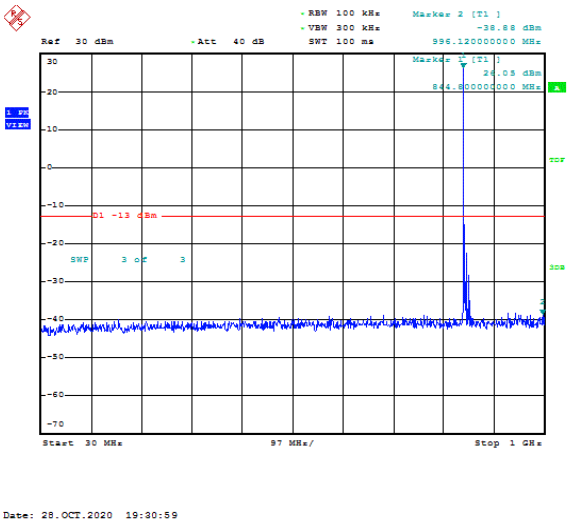
Band5-5MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



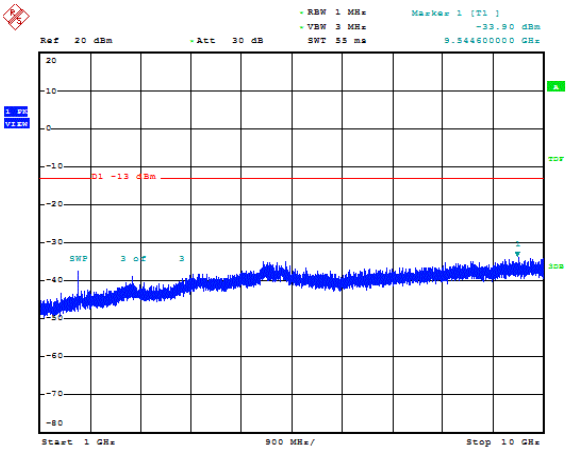
Band5-5MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-5MHz-16QAM-20625-1RB#0-Range1:30~1000MHz

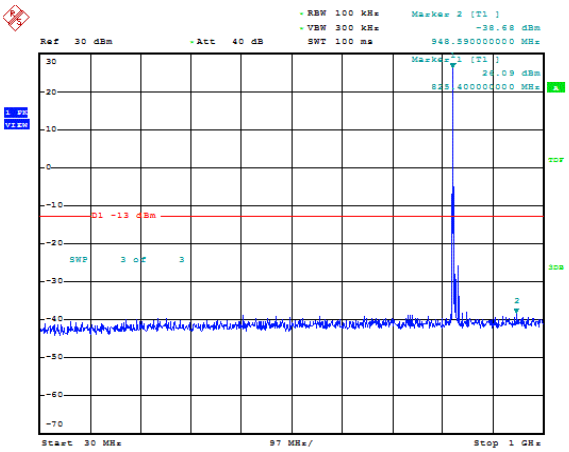


Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz



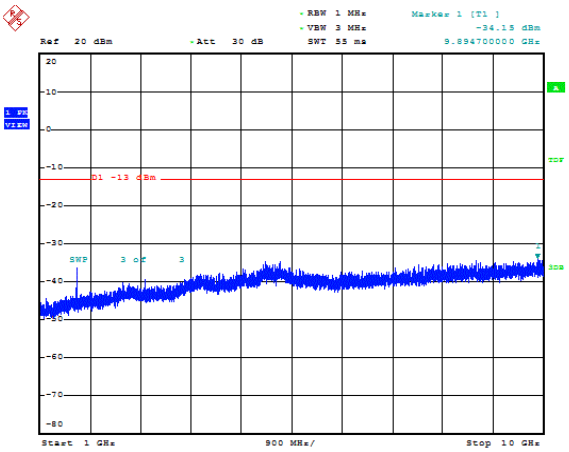
Date: 28.OCT.2020 19:31:07

Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



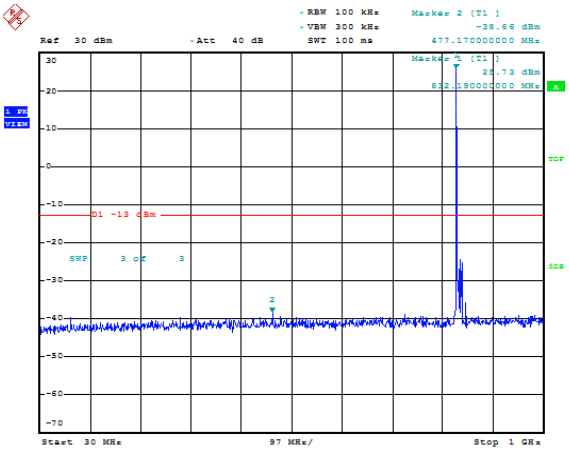
Date: 28.OCT.2020 19:38:31

Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



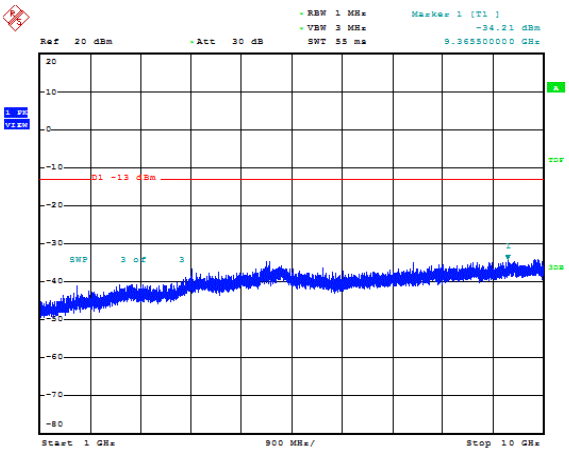
Date: 28.OCT.2020 19:38:39

Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



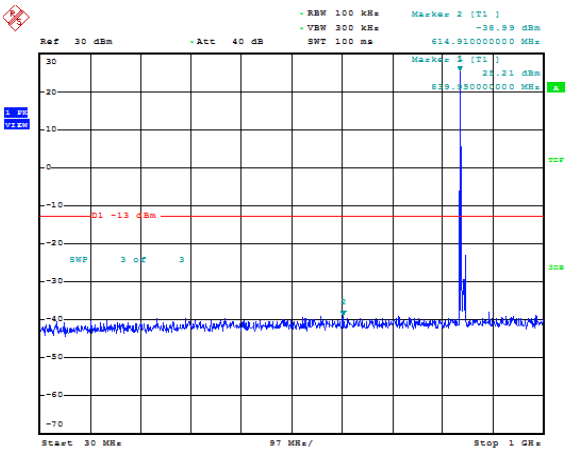
Date: 28.OCT.2020 19:39:08

Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



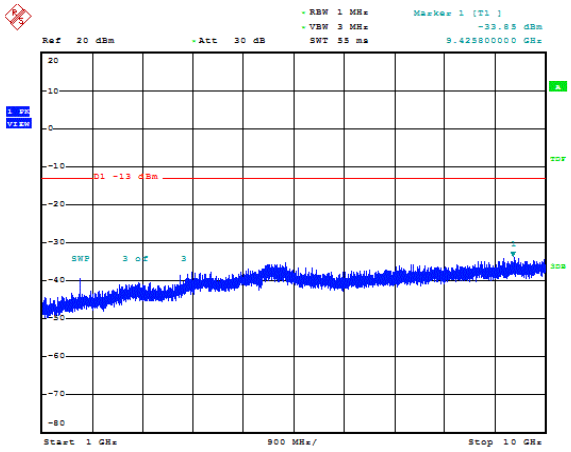
Date: 28.OCT.2020 19:39:16

Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



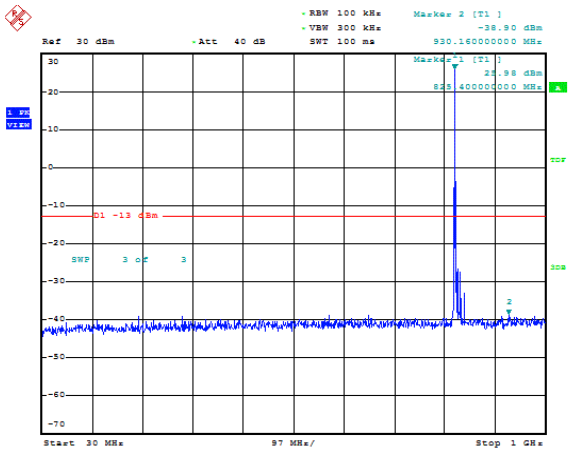
Date: 28.OCT.2020 19:39:45

Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



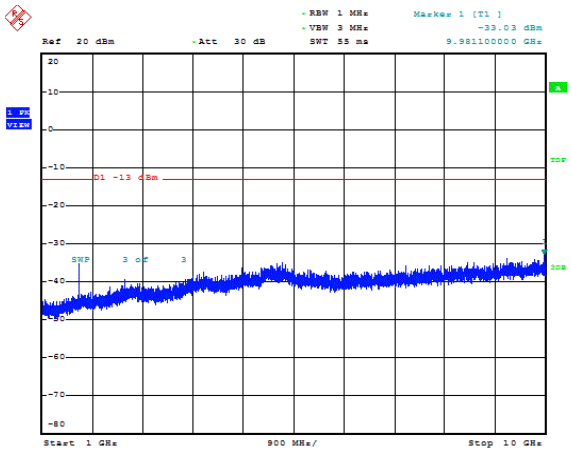
Date: 28.OCT.2020 19:39:53

Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



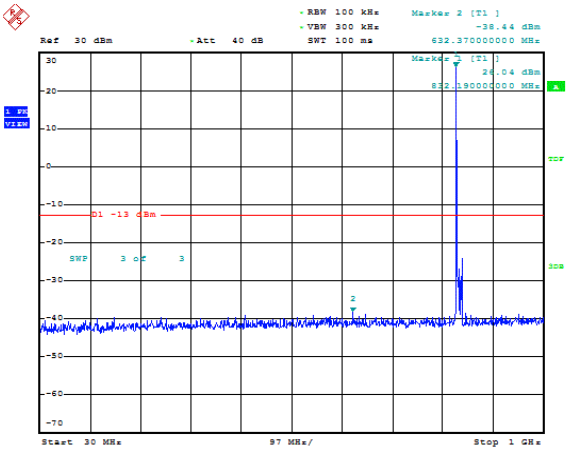
Date: 28.OCT.2020 19:38:48

Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



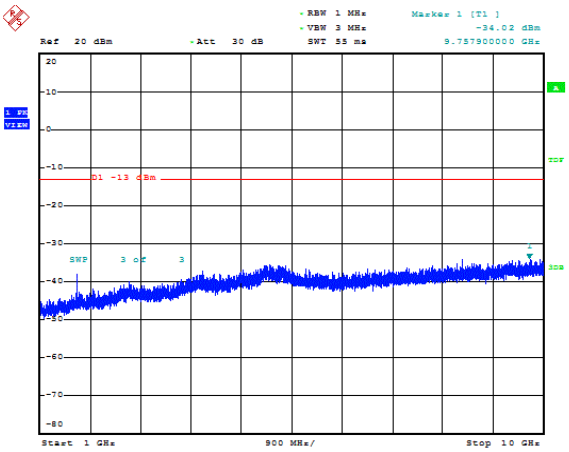
Date: 28.OCT.2020 19:38:56

Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Date: 28.OCT.2020 19:39:25

Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



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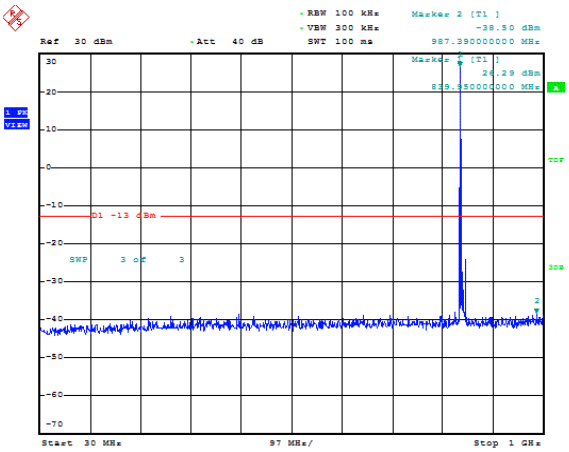
Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



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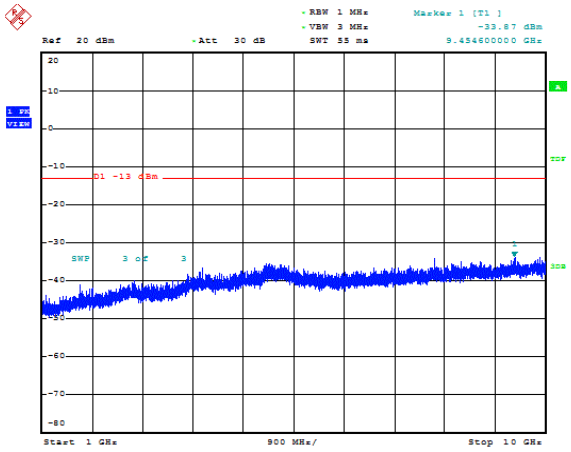
Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



Date: 28.OCT.2020 19:40:11

1.6. Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-3.82	-0.004632	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-3.38	-0.004098	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-2.59	-0.003141	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-2.42	-0.002893	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-3.40	-0.004065	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-2.22	-0.002654	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-1.49	-0.001756	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-1.50	-0.001768	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-2.92	-0.003442	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-3.23	-0.003917	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-3.18	-0.003856	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-4.02	-0.004874	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	2.02	0.002415	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-2.50	-0.002989	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	1.70	0.002032	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-2.35	-0.002770	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-1.72	-0.002028	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	2.39	0.002817	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	-2.03	-0.002459	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-2.03	-0.002459	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-1.57	-0.001902	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	1.59	0.001901	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-2.82	-0.003371	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-2.13	-0.002546	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-5.36	-0.006324	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	-4.51	-0.005322	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-3.30	-0.003894	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	-2.45	-0.002968	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-1.29	-0.001563	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-1.99	-0.002411	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	-2.29	-0.002738	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	1.60	0.001913	±2.5	PASS

Band5	3MHz	16QAM	20525	15RB#0	VH	NT	-3.53	-0.004220	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-4.01	-0.004732	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-3.18	-0.003752	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-3.33	-0.003929	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-2.72	-0.003291	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	1.96	0.002371	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-2.82	-0.003412	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-1.17	-0.001399	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-2.07	-0.002475	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-1.80	-0.002152	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-2.17	-0.002563	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-3.66	-0.004324	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-2.63	-0.003107	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-3.76	-0.004549	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-3.83	-0.004634	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-2.33	-0.002819	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	-2.29	-0.002738	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-1.92	-0.002295	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	-1.77	-0.002116	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-2.10	-0.002481	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	-3.33	-0.003934	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-3.82	-0.004513	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-2.99	-0.003607	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-2.78	-0.003353	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-3.48	-0.004198	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	2.59	0.003096	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-1.82	-0.002176	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-1.72	-0.002056	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	1.72	0.002038	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	2.35	0.002784	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-3.10	-0.003673	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	2.23	0.002690	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-2.63	-0.003172	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-3.39	-0.004089	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-3.18	-0.003802	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-1.32	-0.001578	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-2.88	-0.003443	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-1.29	-0.001528	±2.5	PASS

Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-2.66	-0.003152	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-1.53	-0.001813	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	-3.86	-0.004680	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-4.61	-0.005590	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-2.99	-0.003626	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-5.05	-0.006123	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-4.53	-0.005493	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-3.92	-0.004753	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	-3.48	-0.004220	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	-2.27	-0.002714	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-2.47	-0.002953	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-2.10	-0.002510	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	1.76	0.002104	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	-2.00	-0.002391	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-2.06	-0.002463	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	1.95	0.002331	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	-1.86	-0.002193	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-1.36	-0.001603	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	1.50	0.001768	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-1.49	-0.001756	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	2.92	0.003442	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	1.97	0.002322	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	-2.46	-0.002900	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	-4.11	-0.004984	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-3.35	-0.004062	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-3.86	-0.004680	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-4.63	-0.005614	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	-5.29	-0.006414	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	-2.49	-0.003019	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	-2.43	-0.002947	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	1.32	0.001578	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-2.33	-0.002785	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-2.25	-0.002690	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-1.43	-0.001710	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-2.07	-0.002475	±2.5	PASS

Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	1.93	0.002307	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	-1.90	-0.002271	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	-1.80	-0.002122	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-1.50	-0.001768	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-2.27	-0.002676	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-1.23	-0.001450	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	-2.36	-0.002782	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	-0.93	-0.001096	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	2.66	0.003136	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	-1.22	-0.001478	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-1.86	-0.002253	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	2.32	0.002810	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	1.49	0.001805	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	2.27	0.002750	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	2.09	0.002532	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	-1.42	-0.001720	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	-2.69	-0.003216	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-1.50	-0.001793	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	1.43	0.001710	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-3.78	-0.004519	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-3.75	-0.004483	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-3.92	-0.004686	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	-1.60	-0.001913	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	-2.57	-0.003032	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-3.39	-0.004000	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-3.76	-0.004437	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-1.57	-0.001853	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	-1.85	-0.002183	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	-1.67	-0.001971	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	-4.05	-0.004779	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	-1.75	-0.002120	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	-1.75	-0.002120	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	1.43	0.001732	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-2.15	-0.002604	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	-1.85	-0.002241	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	1.65	0.001999	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	-2.26	-0.002738	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	-2.32	-0.002773	±2.5	PASS

Band5	3MHz	16QAM	20525	15RB#0	NV	0	-1.63	-0.001949	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-2.25	-0.002690	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	1.72	0.002056	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	-2.19	-0.002618	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	2.45	0.002929	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	-2.17	-0.002594	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	-4.41	-0.005204	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-3.08	-0.003634	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-1.60	-0.001888	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-3.92	-0.004625	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	-4.23	-0.004991	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	-3.62	-0.004271	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	-3.83	-0.004519	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	-2.90	-0.003509	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-4.42	-0.005348	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-3.15	-0.003811	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-4.12	-0.004985	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-3.26	-0.003944	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	-2.99	-0.003618	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	-3.82	-0.004622	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	1.53	0.001829	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	1.83	0.002188	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-1.76	-0.002104	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	3.25	0.003885	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	-2.72	-0.003252	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	1.10	0.001315	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	-2.70	-0.003228	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	2.82	0.003331	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	-1.49	-0.001760	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-4.15	-0.004903	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-2.26	-0.002670	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	-2.53	-0.002989	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	-2.25	-0.002658	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	-3.05	-0.003603	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	-2.29	-0.002771	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-3.06	-0.003702	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-3.76	-0.004549	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-3.15	-0.003811	±2.5	PASS

Band5	5MHz	16QAM	20425	25RB#0	NV	30	-2.68	-0.003243	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	-4.18	-0.005057	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	-2.78	-0.003364	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-10	-2.22	-0.002654	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	1.79	0.002140	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-2.47	-0.002953	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-2.37	-0.002833	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	-1.99	-0.002379	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	1.93	0.002307	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	-2.98	-0.003562	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-10	-2.50	-0.002953	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	-3.22	-0.003804	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	-1.70	-0.002008	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	-1.69	-0.001996	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	-1.42	-0.001677	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	-2.49	-0.002942	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	50	-2.33	-0.002753	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-3.66	-0.004415	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-2.90	-0.003498	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-2.12	-0.002557	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-2.49	-0.003004	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-3.58	-0.004318	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-2.33	-0.002811	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-1.97	-0.002376	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	2.16	0.002582	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-1.33	-0.001590	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-2.35	-0.002809	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	2.29	0.002738	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	1.27	0.001518	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-2.23	-0.002666	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-3.06	-0.003658	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-1.87	-0.002216	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-3.72	-0.004408	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-3.32	-0.003934	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-3.25	-0.003851	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-1.93	-0.002287	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-1.80	-0.002133	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-2.37	-0.002808	±2.5	PASS

Band5	10MHz	16QAM	20450	50RB#0	NV	-10	3.02	0.003643	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-2.17	-0.002618	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-2.66	-0.003209	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-2.06	-0.002485	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-1.47	-0.001773	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-2.13	-0.002569	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-2.42	-0.002919	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	-1.06	-0.001267	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-3.66	-0.004375	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-2.69	-0.003216	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-2.57	-0.003072	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-3.08	-0.003682	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-1.99	-0.002379	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-2.53	-0.003025	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	-1.52	-0.001801	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-1.97	-0.002334	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	2.02	0.002393	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-3.16	-0.003744	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-3.16	-0.003744	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-2.85	-0.003377	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-3.10	-0.003673	±2.5	PASS

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