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Vice RF module appendix for LTE Band 2

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 2				Actual output Power (dBm)		
Band-width	Modulation	RB allocation	RB offset	Low	Middle	High
1.4	QPSK	1	Low	22.22	22.78	22.28
			Middle	22.13	22.75	22.09
			High	22.18	22.69	22.17
		3	Low	20.87	21.32	20.67
			Middle	20.85	21.37	20.61
			High	20.82	21.24	20.57
		6	/	20.79	20.97	20.11
	16QAM	1	Low	21.95	22.43	21.90
			Middle	21.93	22.37	21.69
			High	21.86	22.36	21.82
		3	Low	20.24	20.67	20.16
			Middle	20.22	20.61	19.96
			High	20.16	20.61	20.08
		6	/	19.94	20.41	19.80
3	QPSK	1	Low	22.29	22.76	22.24
			Middle	22.20	22.73	22.05
			High	22.24	22.68	22.13
		8	Low	20.93	21.30	20.64
			Middle	20.91	21.35	20.57
			High	20.88	21.22	20.54
		15	/	20.85	20.95	20.08
	16QAM	1	Low	22.02	22.41	21.87
			Middle	21.99	22.35	21.65
			High	21.93	22.34	21.78
		8	Low	20.30	20.66	20.13
			Middle	20.28	20.60	19.93
			High	20.21	20.59	20.05
		15	/	20.00	20.39	19.76

5	QPSK	1	Low	22.24	22.81	22.20
			Middle	22.15	22.78	22.02
			High	22.19	22.72	22.10
		12	Low	20.88	21.35	20.61
			Middle	20.86	21.40	20.54
			High	20.84	21.27	20.51
		25	/	20.81	21.00	20.05
	16QAM	1	Low	21.97	22.46	21.83
			Middle	21.95	22.40	21.62
			High	21.88	22.39	21.74
		12	Low	20.26	20.70	20.09
			Middle	20.23	20.64	19.90
			High	20.17	20.63	20.01
		25	/	19.96	20.44	19.73
10	QPSK	1	Low	22.22	22.83	22.19
			Middle	22.13	22.80	22.00
			High	22.17	22.75	22.08
		25	Low	20.86	21.37	20.59
			Middle	20.84	21.42	20.53
			High	20.82	21.29	20.49
		50	/	20.78	21.02	20.03
	16QAM	1	Low	21.95	22.49	21.82
			Middle	21.92	22.42	21.60
			High	21.86	22.41	21.73
		25	Low	20.23	20.72	20.08
			Middle	20.21	20.66	19.88
			High	20.15	20.66	20.00
		50	/	19.93	20.46	19.72
15	QPSK	1	Low	22.26	22.81	22.22
			Middle	22.17	22.77	22.03
			High	22.21	22.72	22.11
		38	Low	20.90	21.35	20.62
			Middle	20.88	21.40	20.55
			High	20.86	21.27	20.52
		75	/	20.83	21.00	20.06
	16QAM	1	Low	21.99	22.46	21.84
			Middle	21.97	22.39	21.63

			High	21.90	22.39	21.75
		38	Low	20.27	20.70	20.10
			Middle	20.25	20.64	19.91
			High	20.19	20.63	20.02
		75	/	19.97	20.43	19.74
20	QPSK	1	Low	22.31	**22.88**	22.29
			Middle	22.22	22.85	22.10
			High	22.26	22.80	22.18
		50	Low	20.95	21.42	20.69
			Middle	20.93	21.47	20.62
			High	20.90	21.34	20.59
		100	/	20.87	21.06	20.12
	16QAM	1	Low	21.74	22.27	21.68
			Middle	21.71	22.20	21.47
			High	21.65	22.19	21.60
		50	Low	20.04	20.52	19.96
			Middle	20.02	20.46	19.76
			High	19.96	20.45	19.88
		100	/	19.74	20.26	19.60

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	4.81	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	5.35	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.74	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.35	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	4.81	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.45	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	5.77	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.19	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.93	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.25	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	5.99	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	6.28	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	4.74	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.32	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.78	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.45	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	4.74	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.45	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	5.71	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.22	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.77	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.19	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	5.64	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.28	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	4.68	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.35	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.78	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.35	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.62	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.35	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.67	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.19	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.77	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.15	13	PASS

Band2	5MHz	16QAM	19175	1RB#0	5.58	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.28	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	4.78	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.26	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	4.78	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.26	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	4.78	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.22	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.77	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.28	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.74	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.19	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.67	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.19	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	7.24	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.71	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	7.31	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.74	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	5.10	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.74	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	7.21	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.83	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	7.34	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.73	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	5.06	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.70	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	5.13	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	6.44	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	7.66	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	6.31	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	5.45	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	6.38	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	5.13	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	7.12	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	7.50	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	7.18	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.22	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	7.18	13	PASS

Test Graphs

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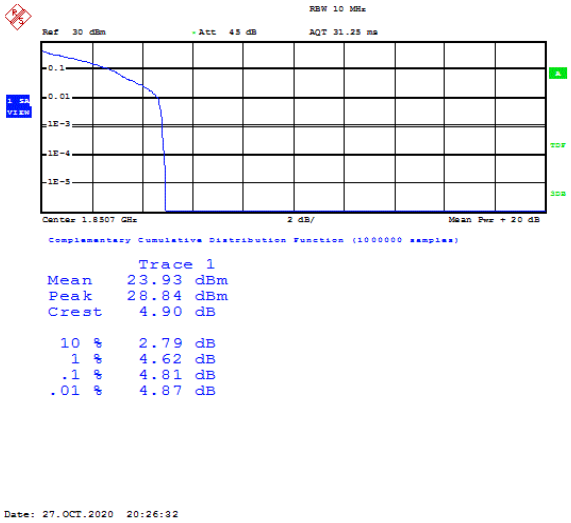

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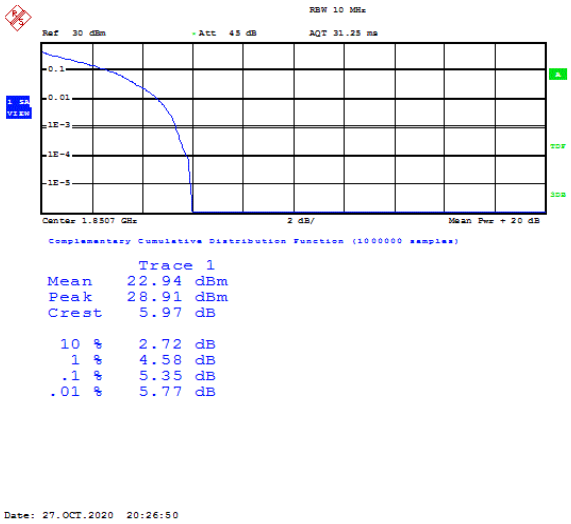

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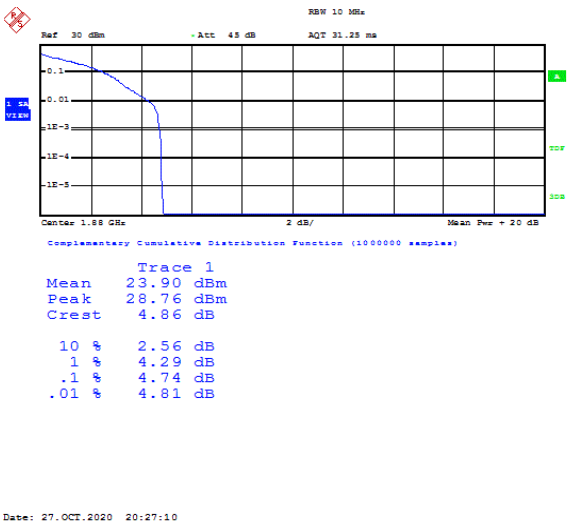

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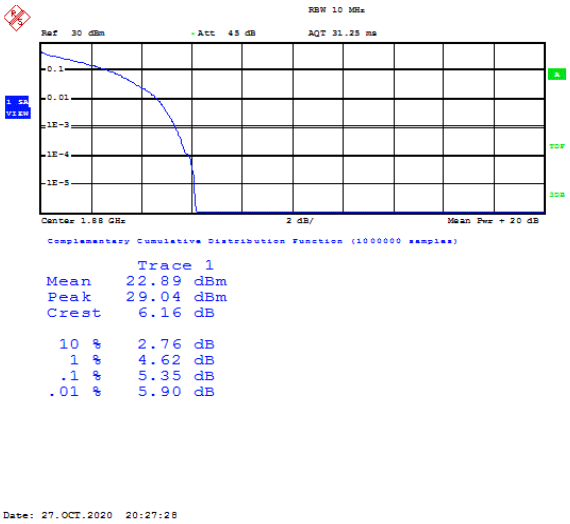

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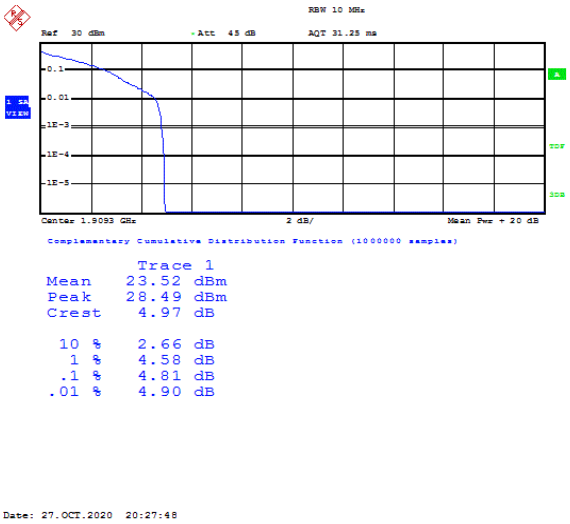

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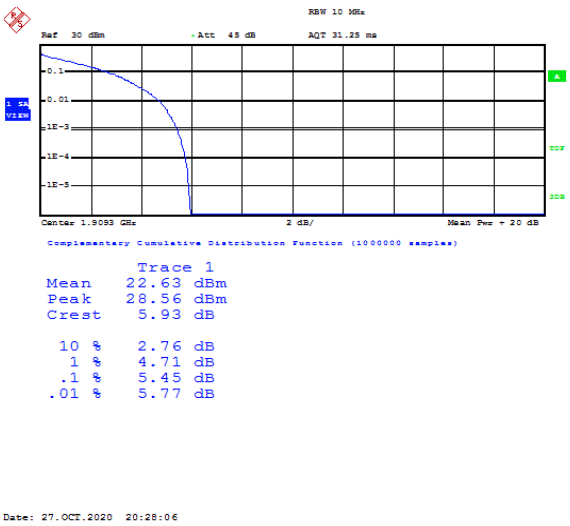

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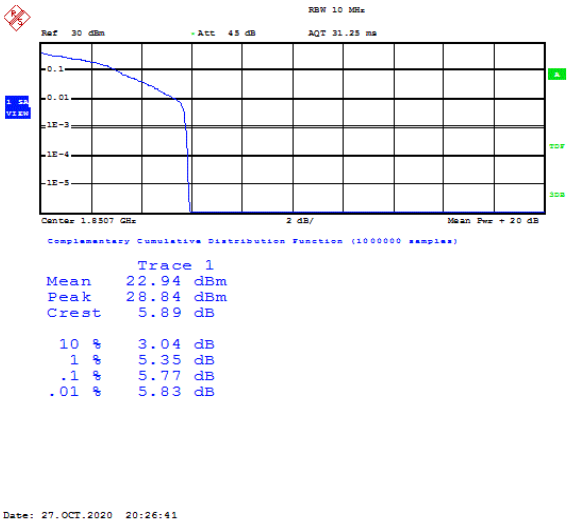

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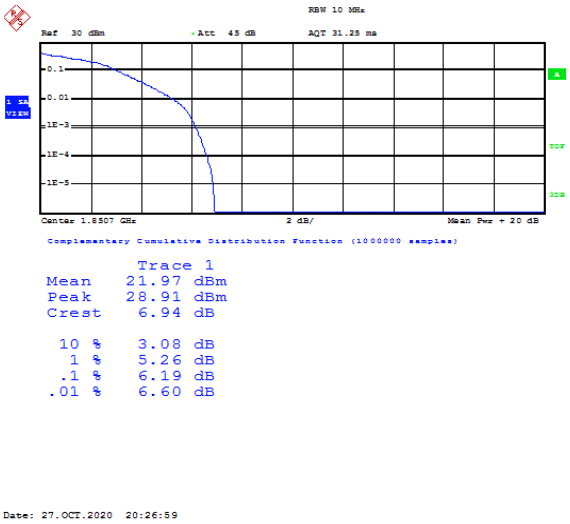

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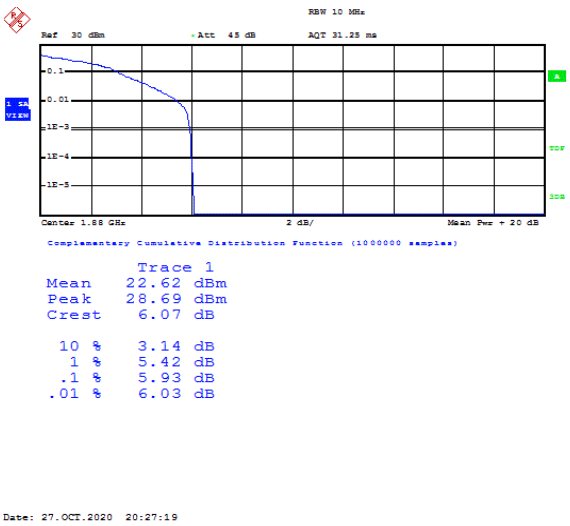

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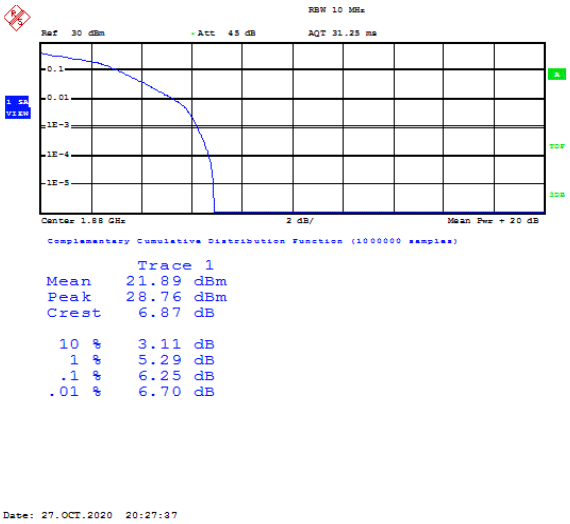

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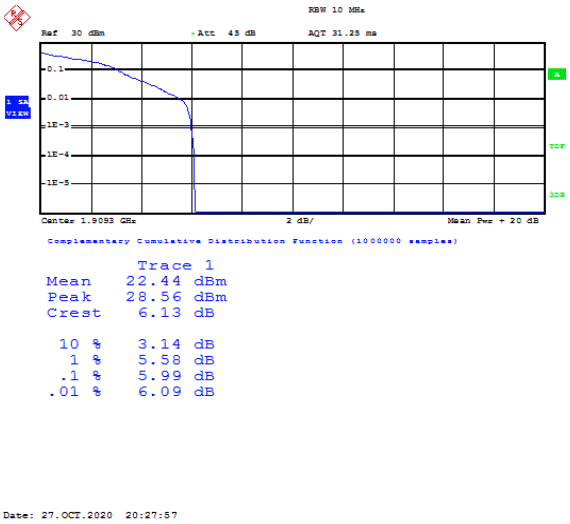

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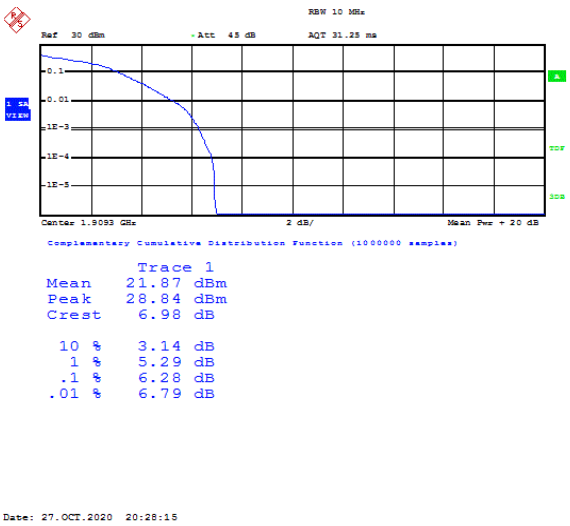

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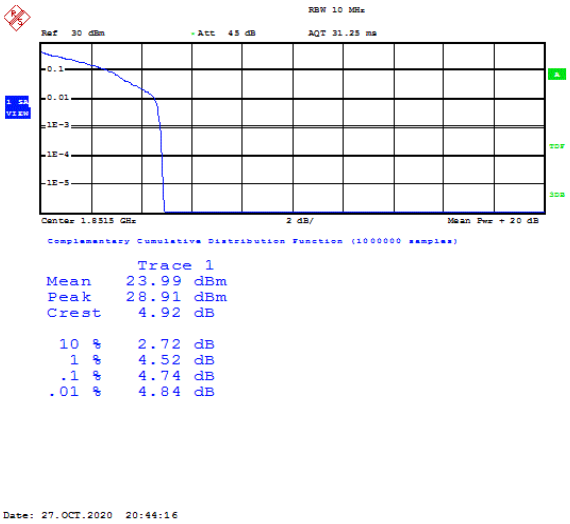

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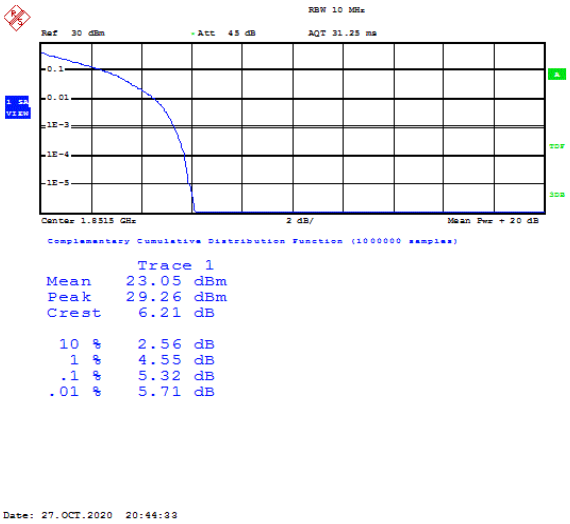

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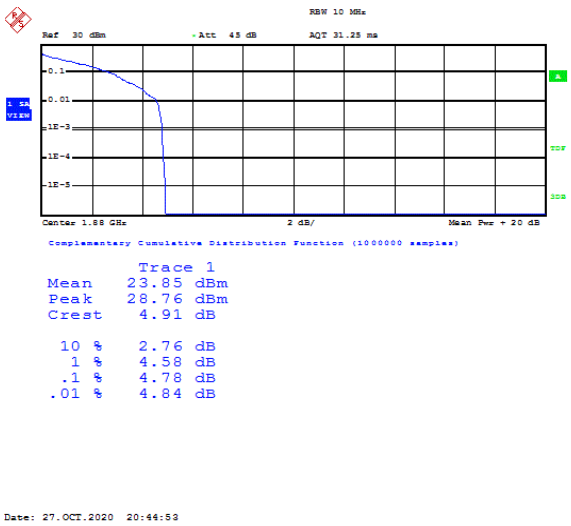

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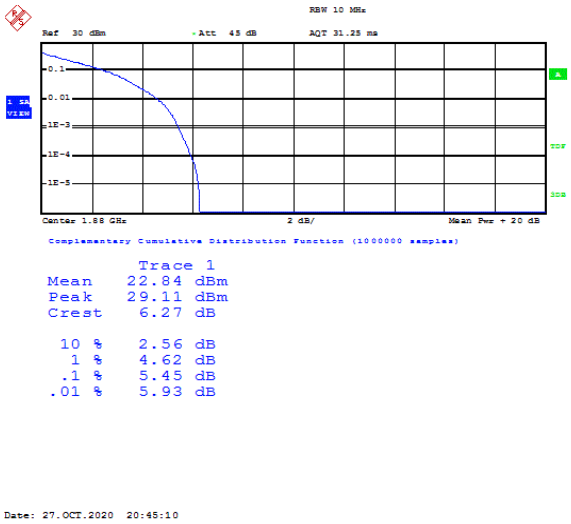

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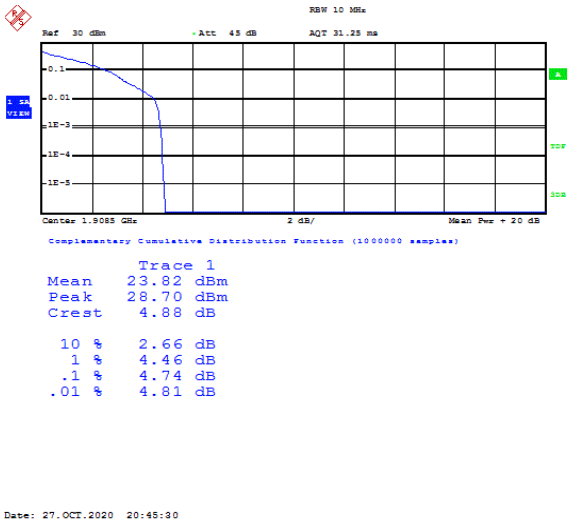

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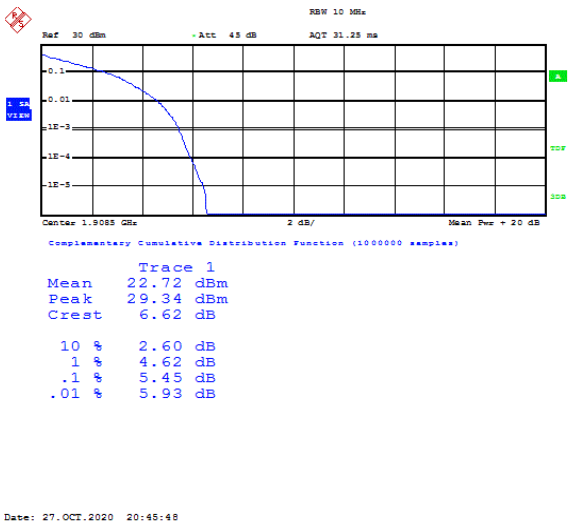

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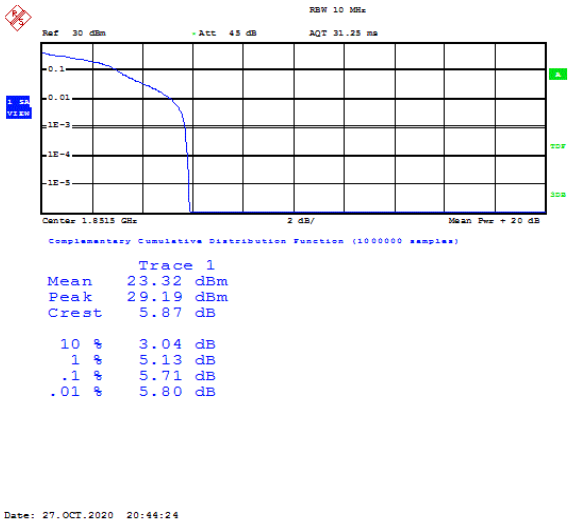

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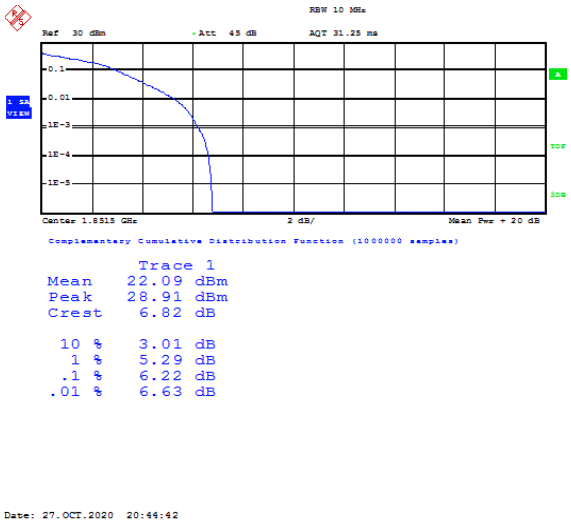

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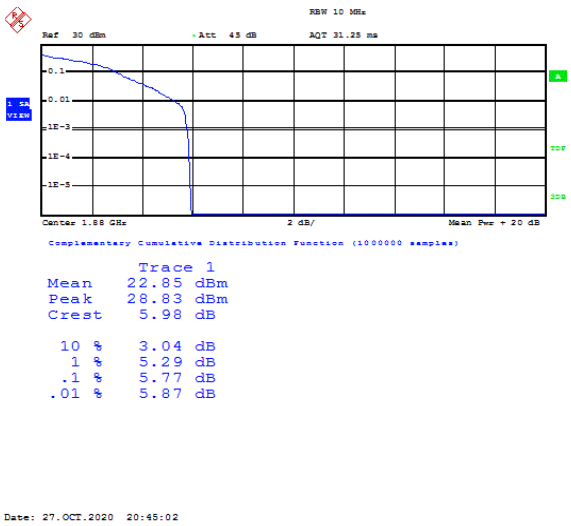

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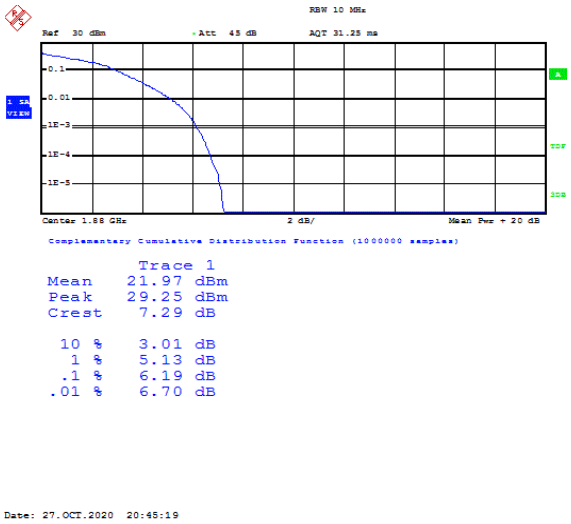

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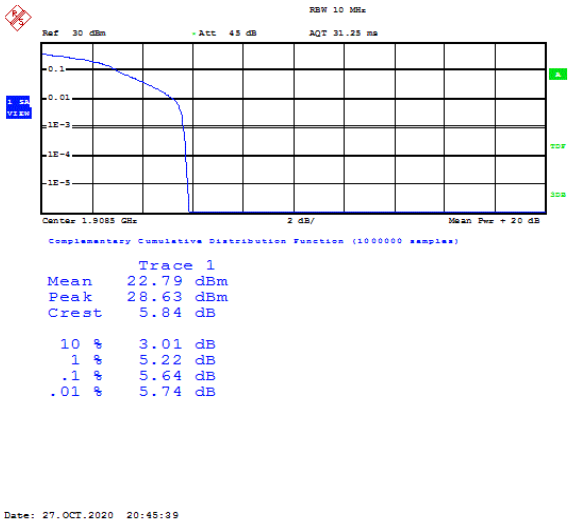

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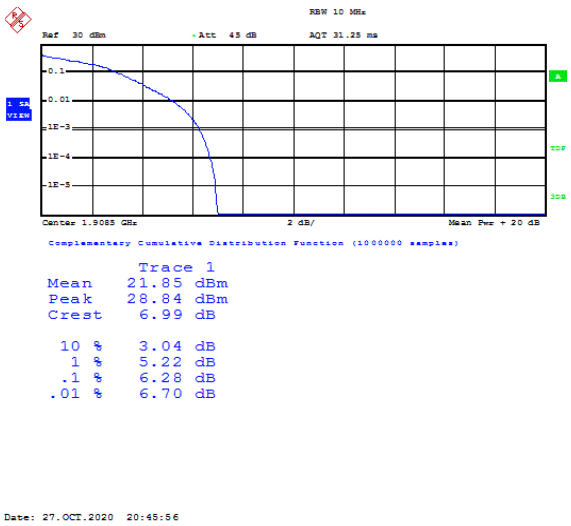

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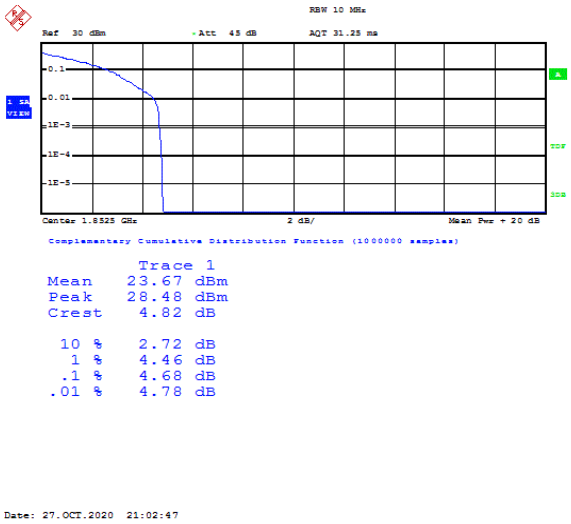

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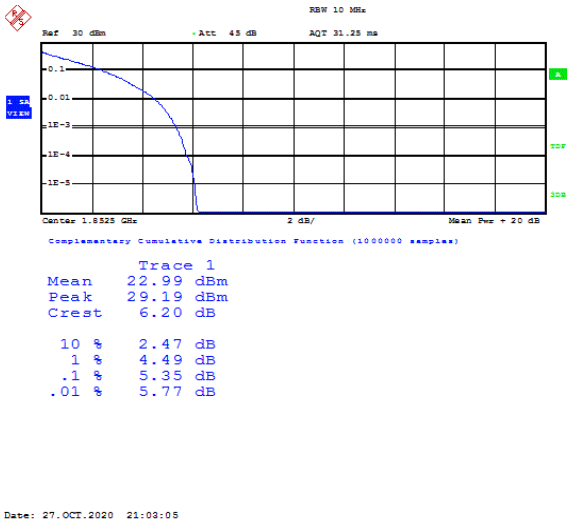

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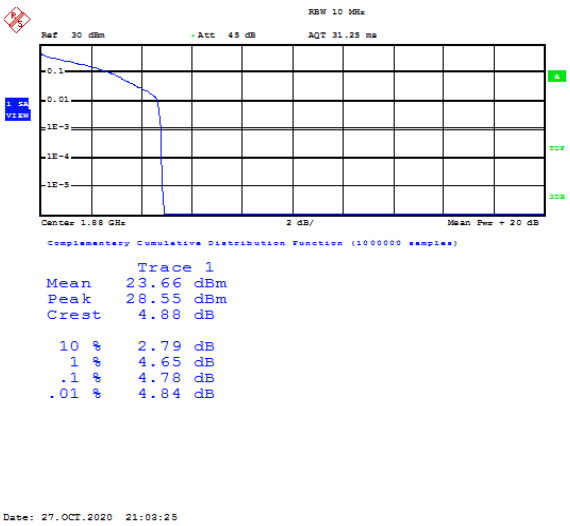

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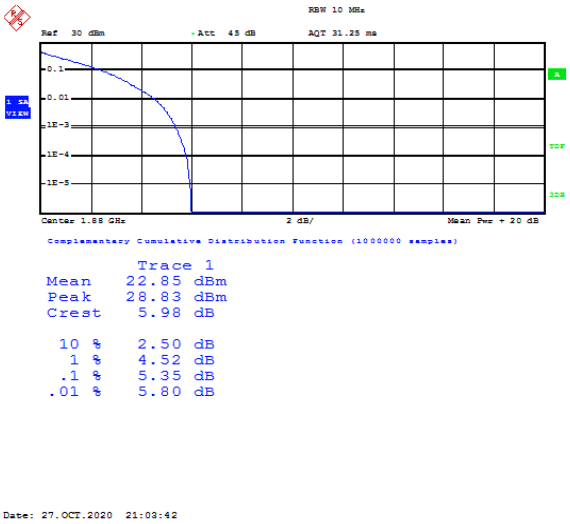

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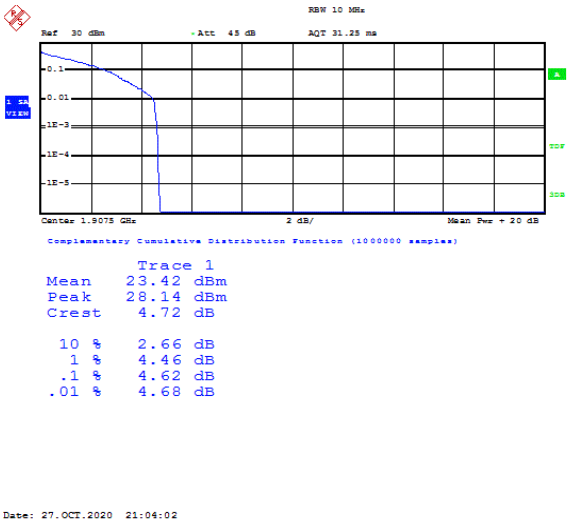

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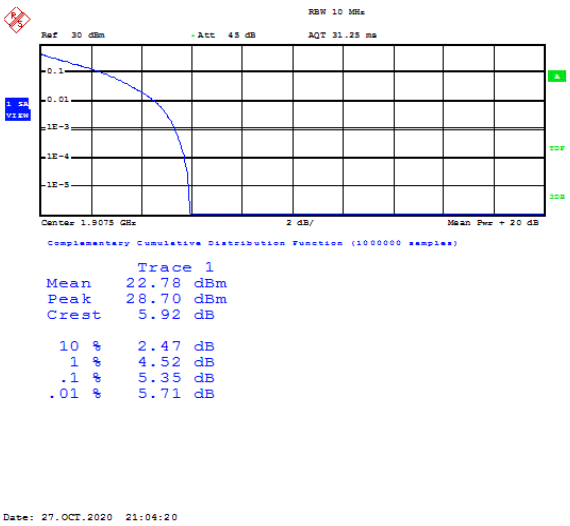

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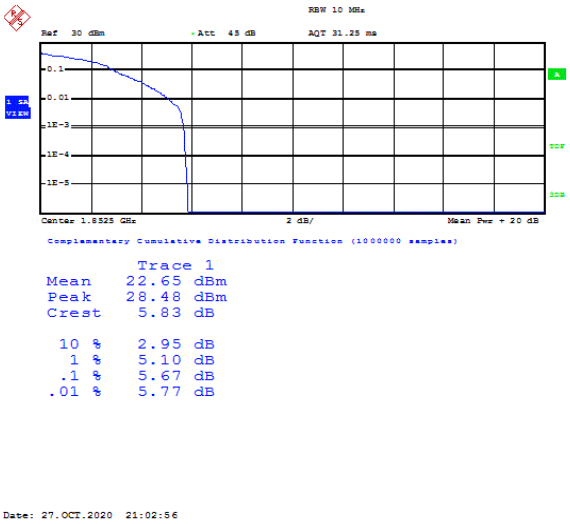

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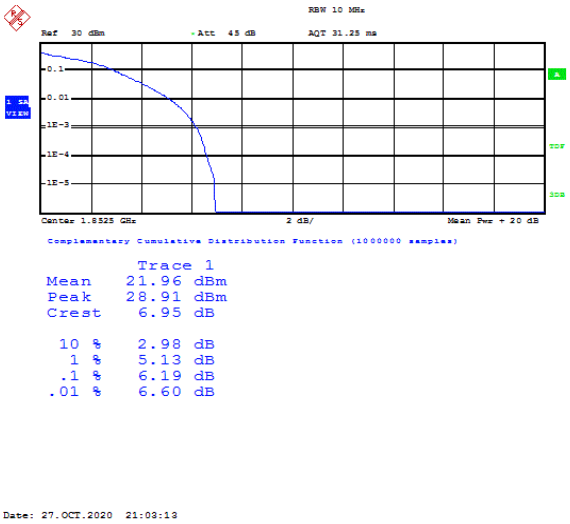

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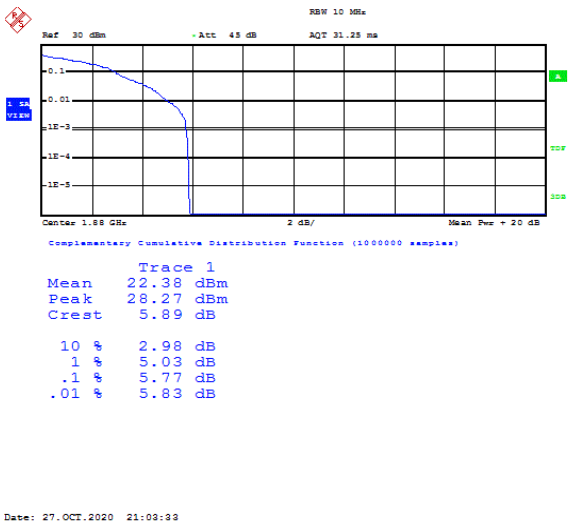

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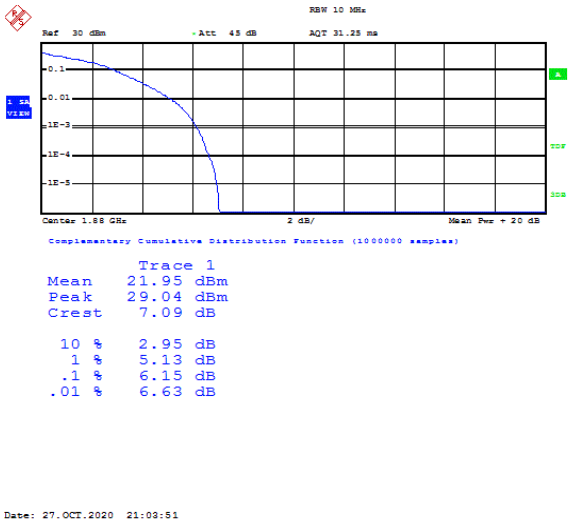

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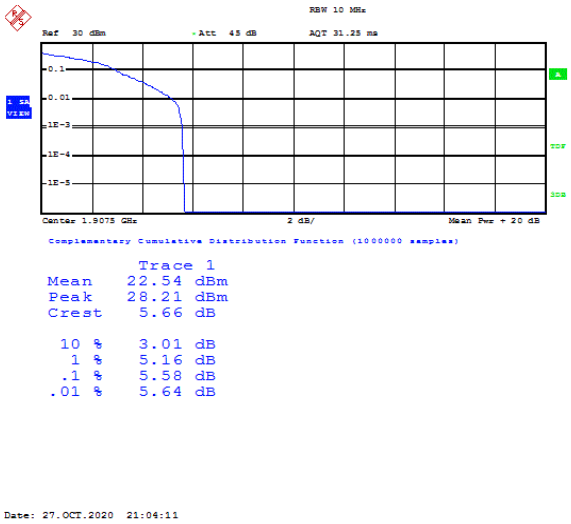

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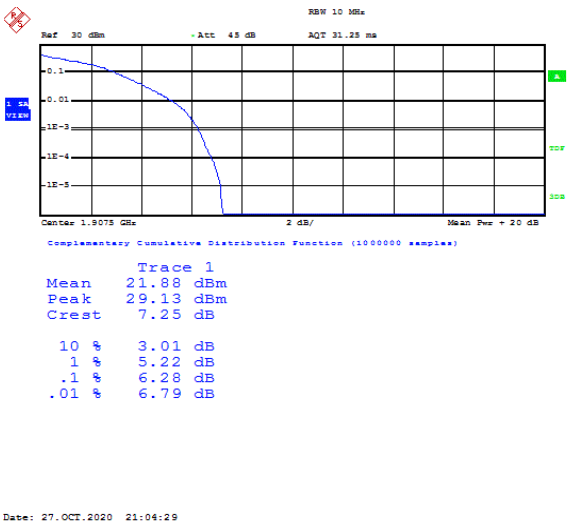

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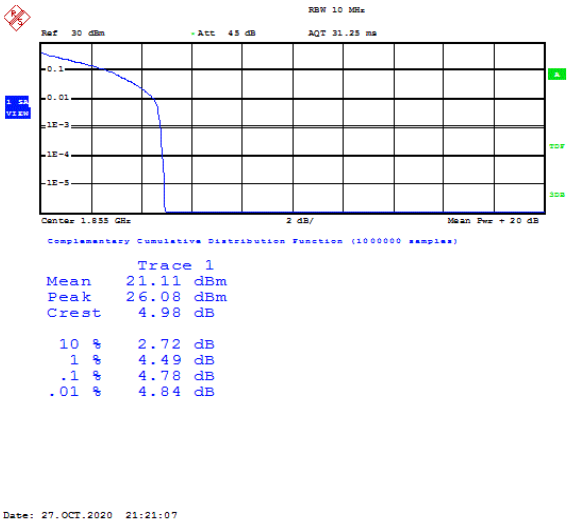

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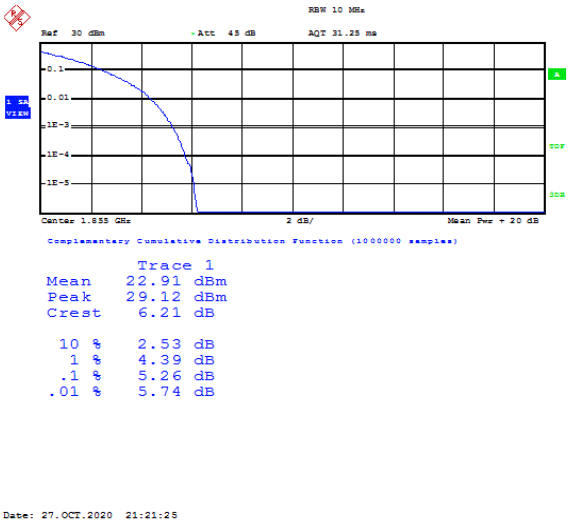

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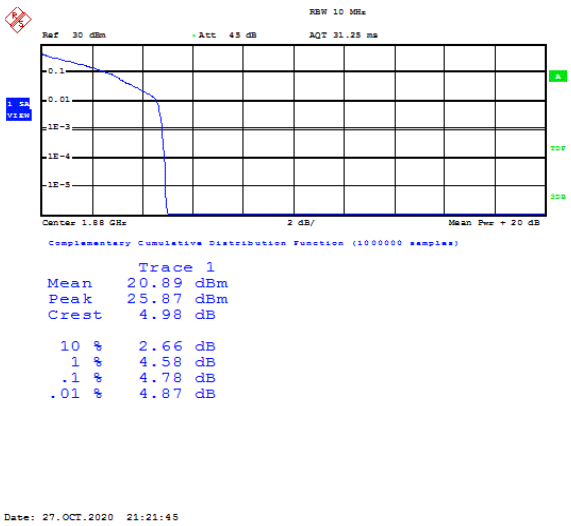

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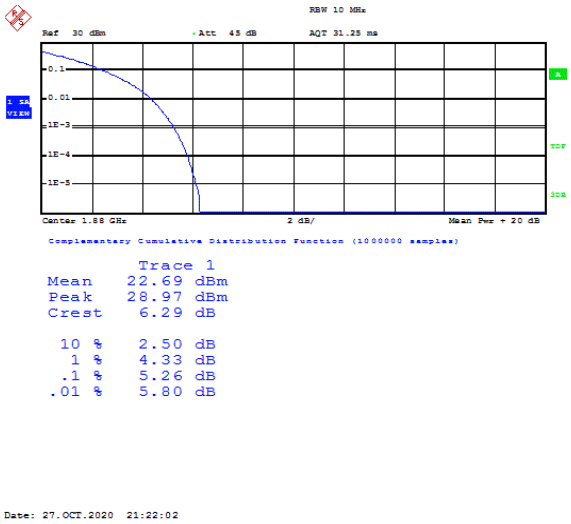

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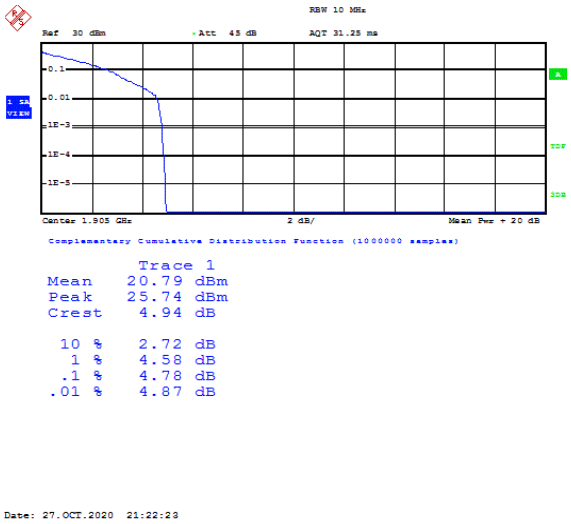

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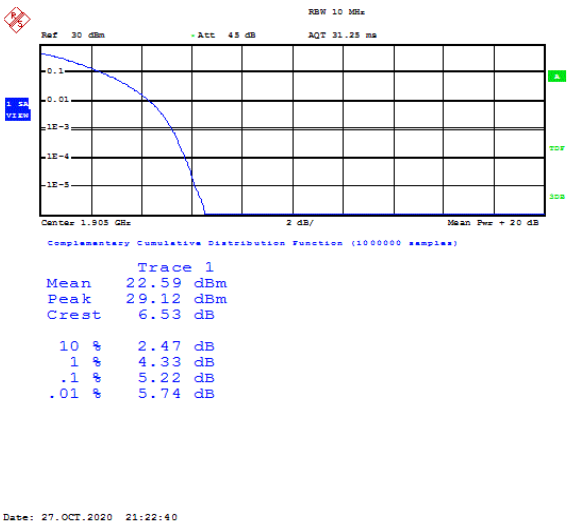

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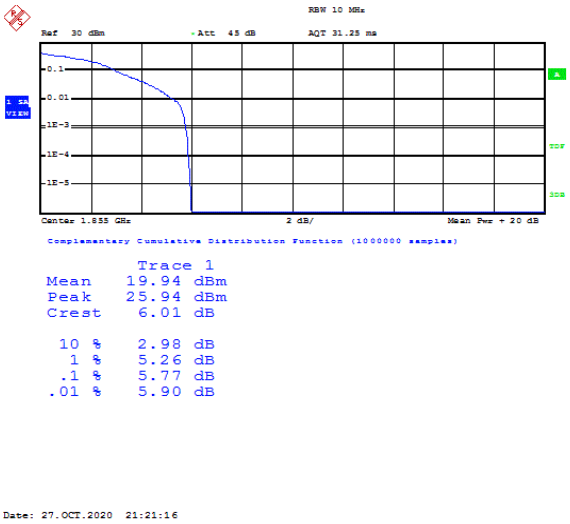

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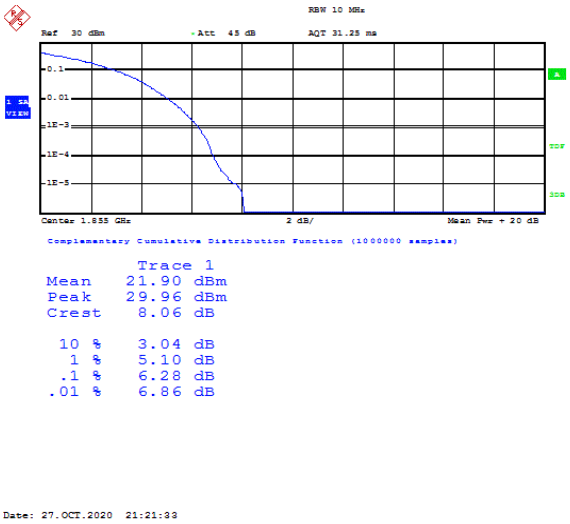

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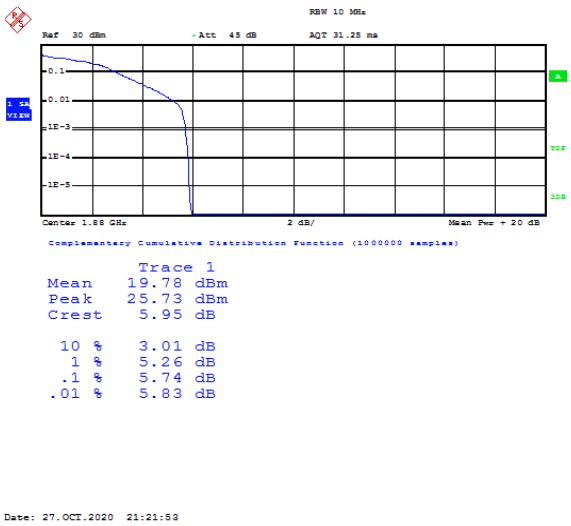

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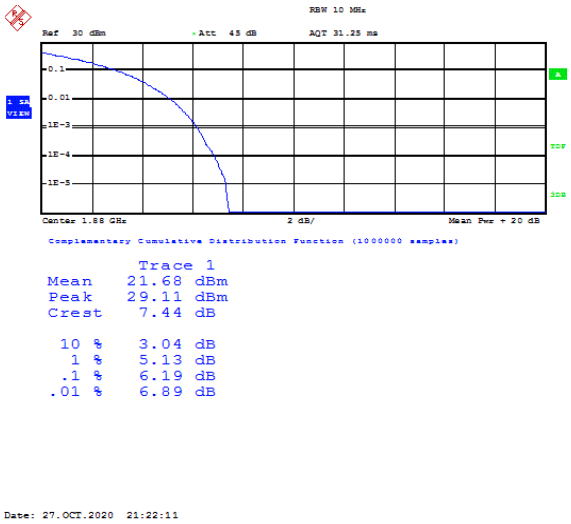

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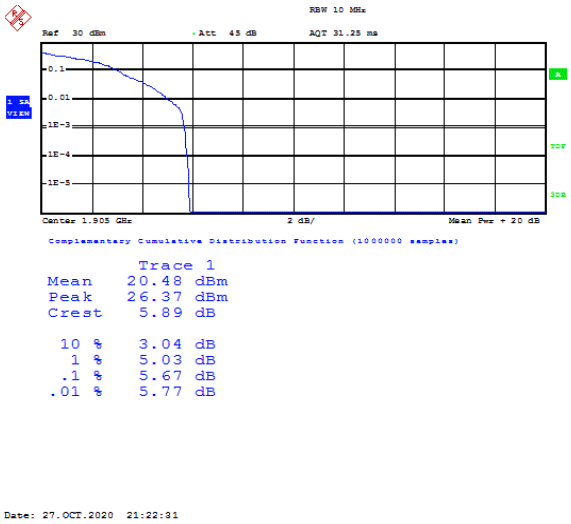

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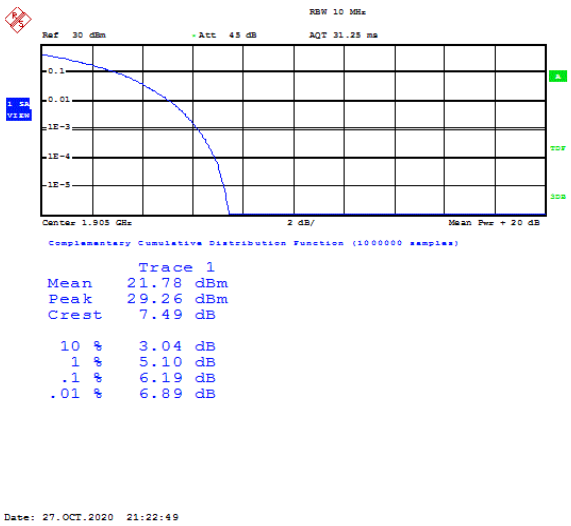

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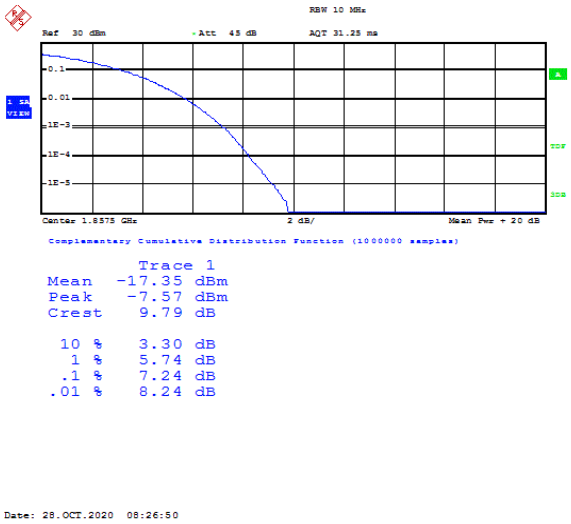

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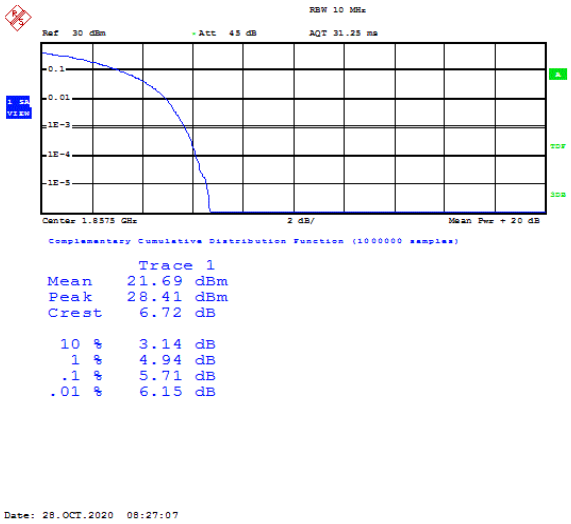

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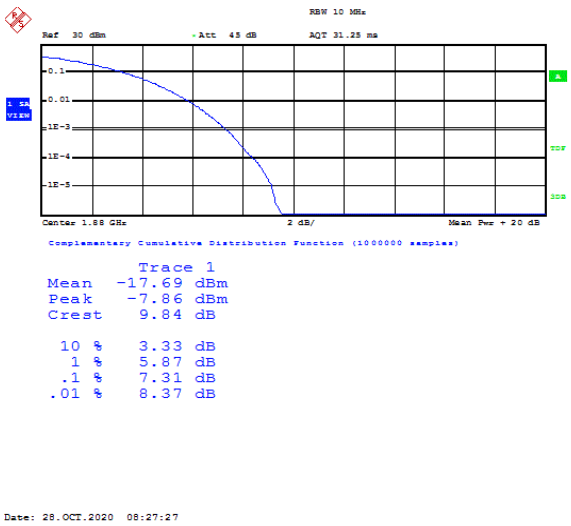

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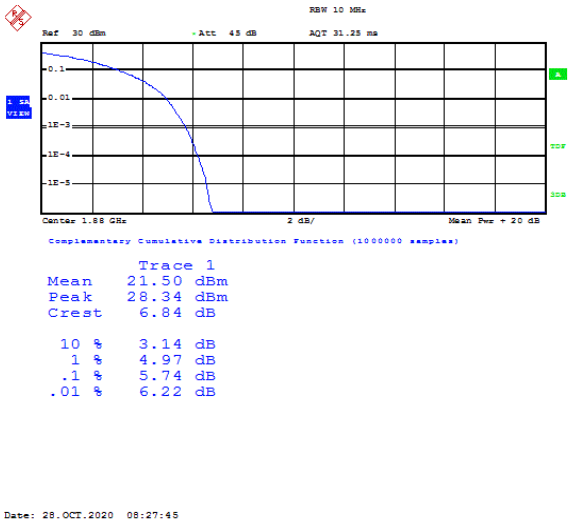

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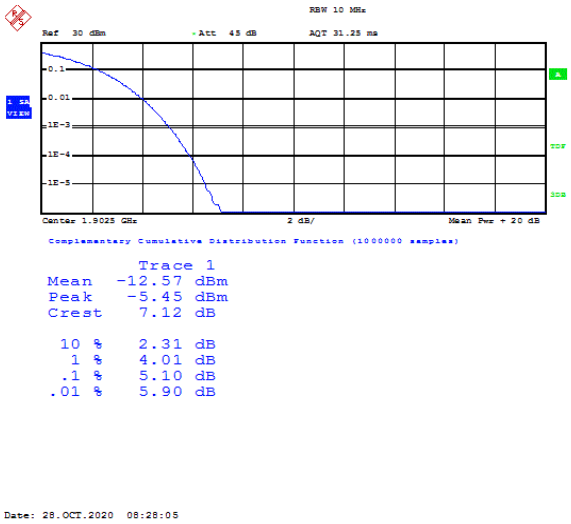

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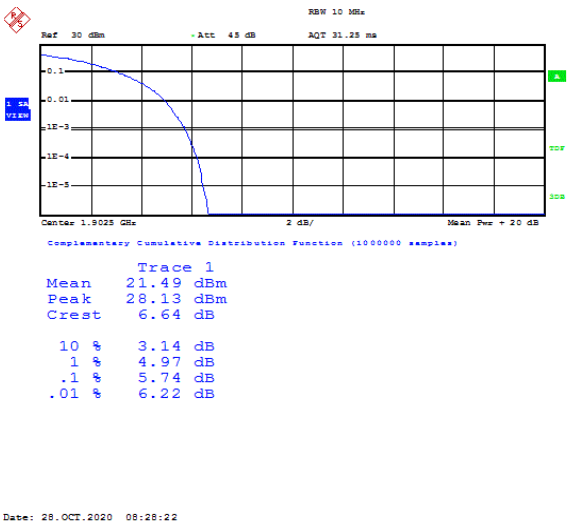

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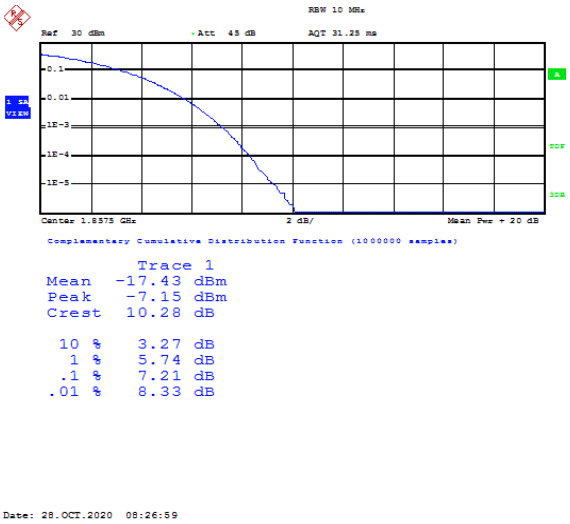

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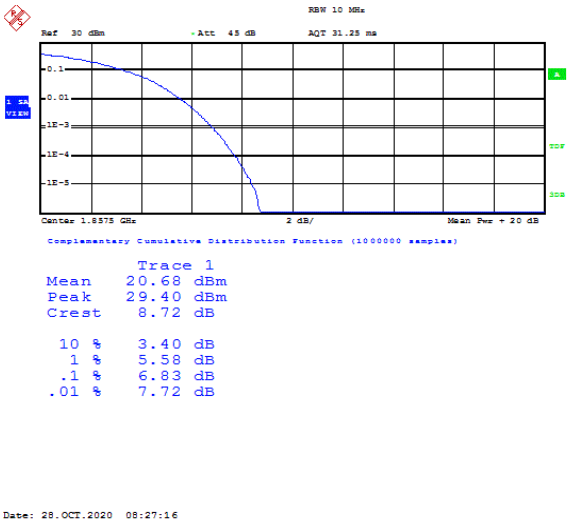

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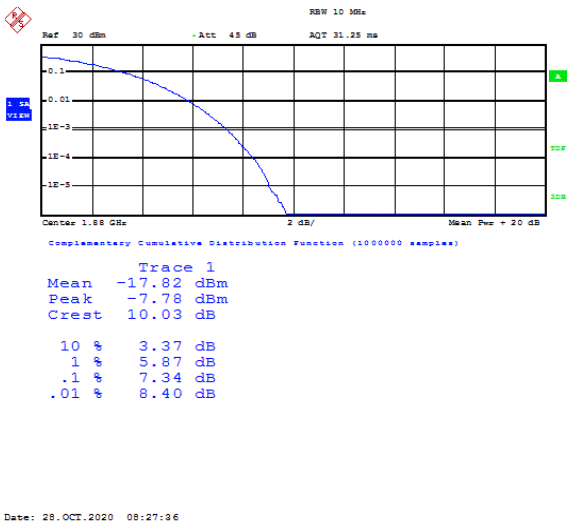

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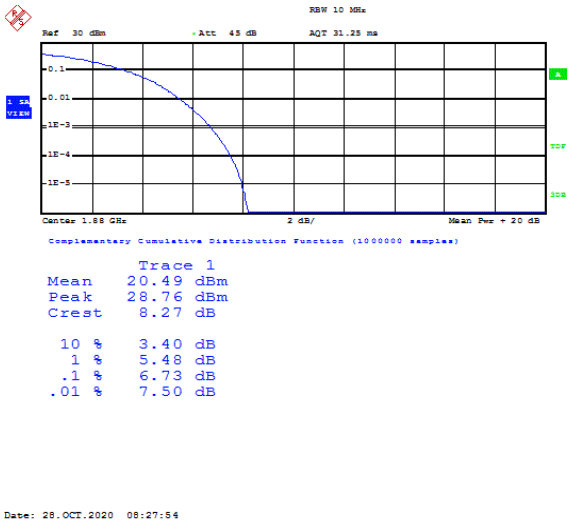

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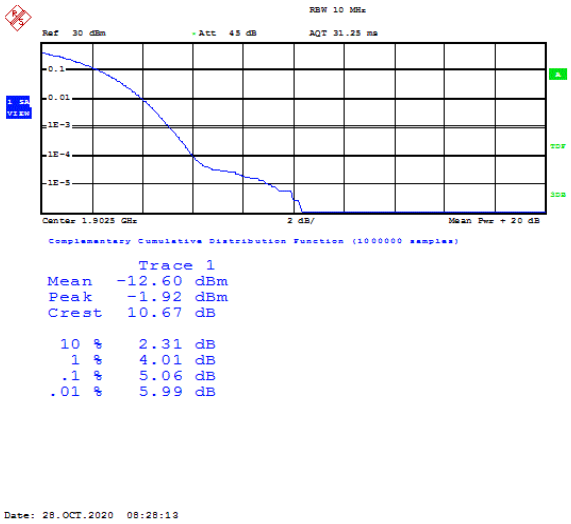

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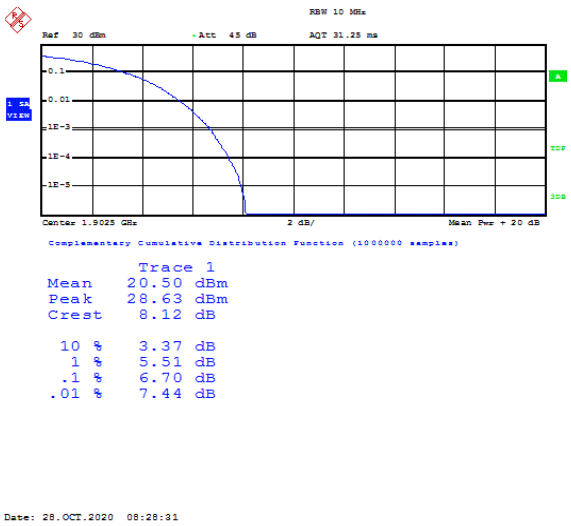

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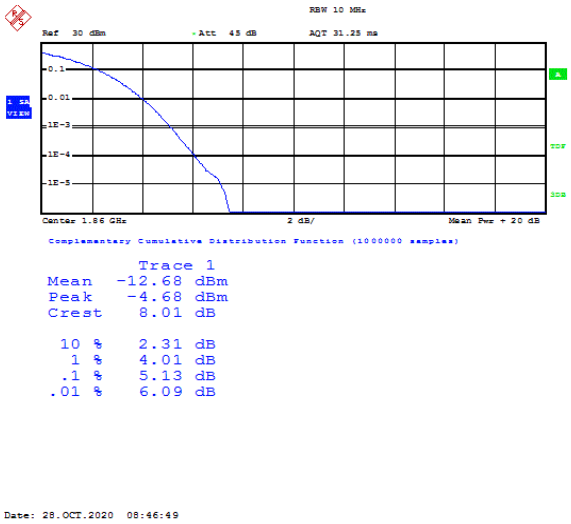

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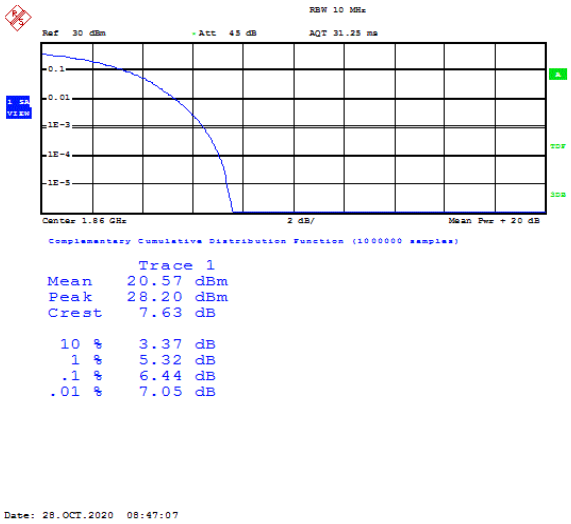

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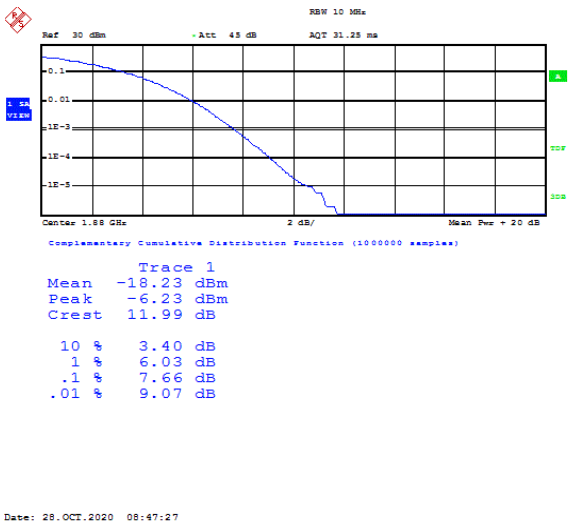

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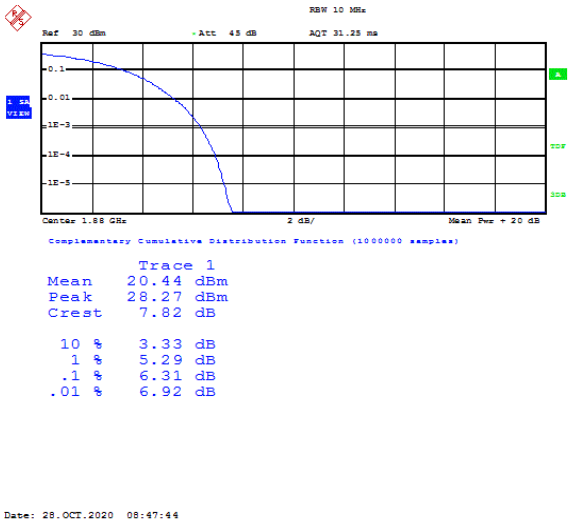

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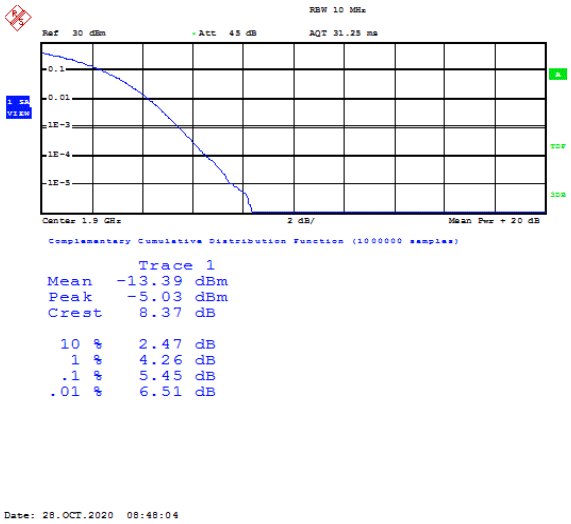

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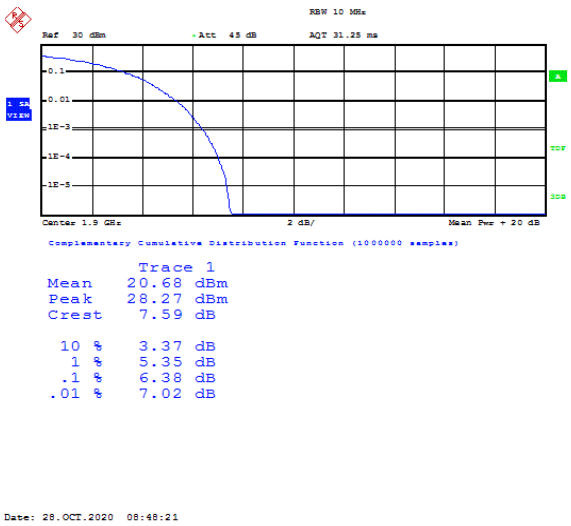

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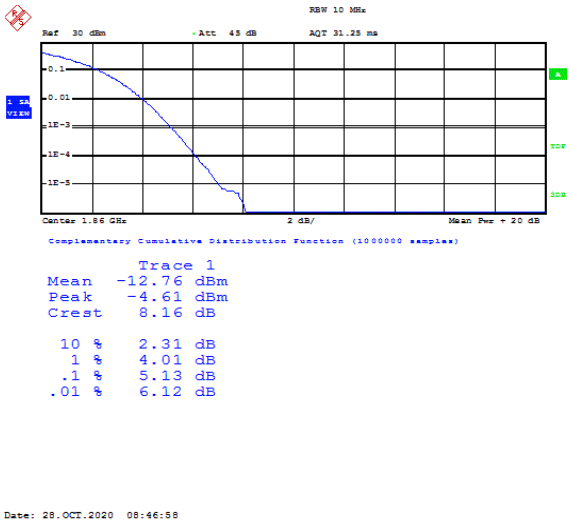

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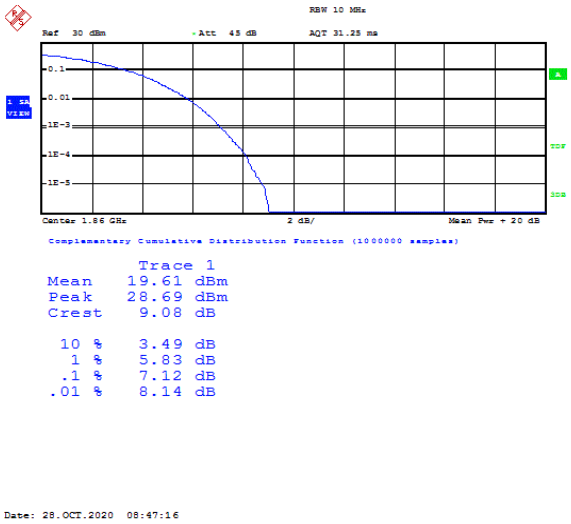

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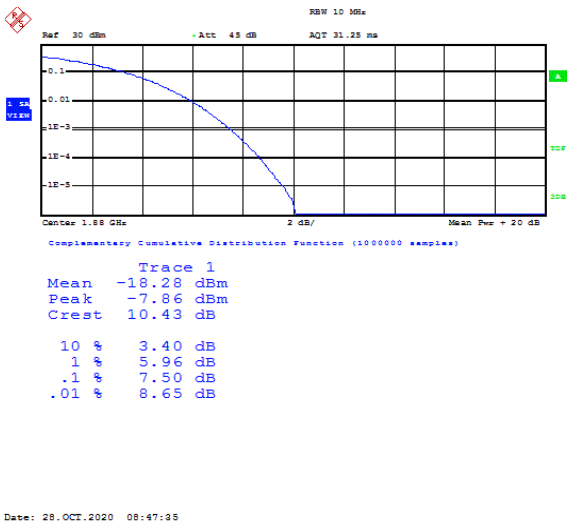

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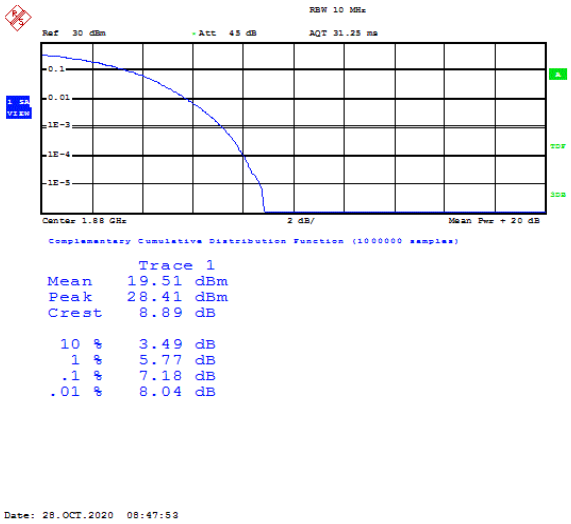

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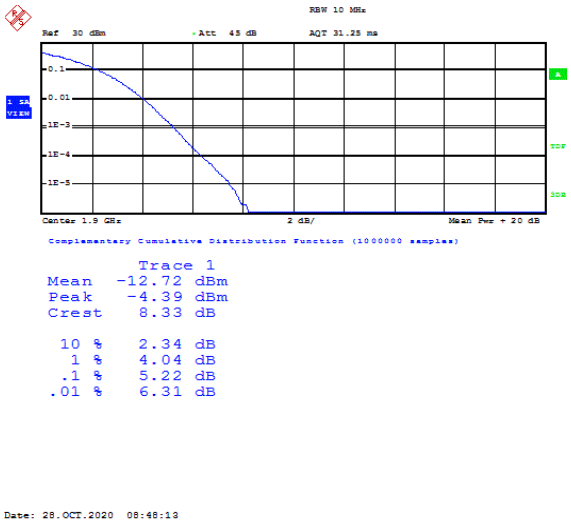

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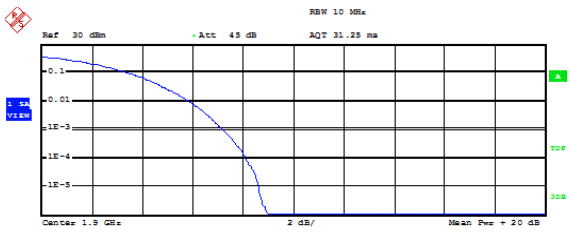


Complementary Cumulative Distribution Function (1000000 samples)

	Trace 1
Mean	19.68 dBm
Peak	28.70 dBm
Crest	9.01 dB
10 %	3.46 dB
1 %	5.87 dB
.1 %	7.18 dB
.01 %	8.11 dB

Date: 28.OCT.2020 08:48:30

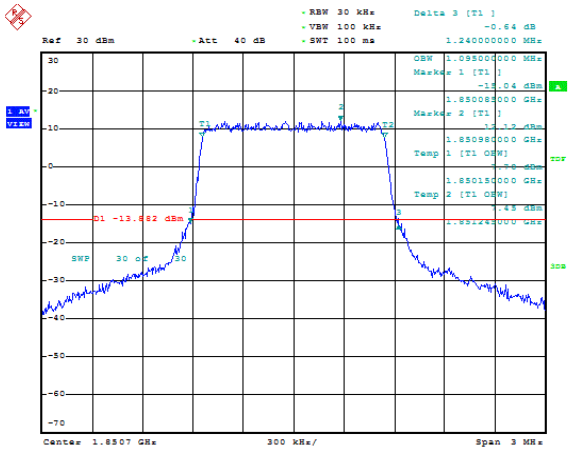
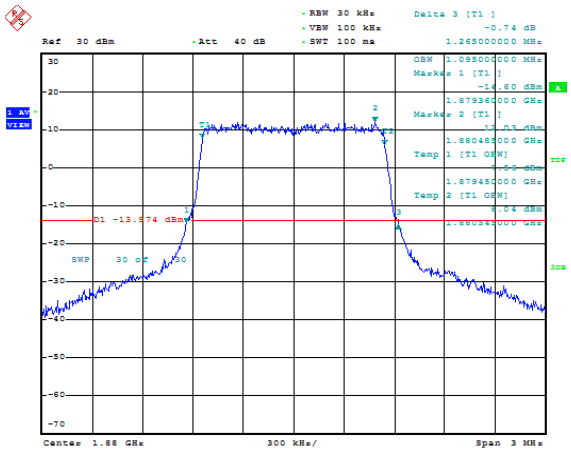
1.3. Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.095	1.240	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.095	1.265	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.095	1.250	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.095	1.255	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.09	1.225	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.09	1.240	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.692	2.962	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7	2.870	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7	2.880	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7	2.860	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7	2.880	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7	2.860	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.503	4.984	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5	4.780	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.49	4.800	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5	4.800	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.51	4.770	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.51	4.780	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.006	9.776	PASS
Band2	10MHz	QPSK	18900	50RB#0	9	9.633	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.967	9.667	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.967	9.700	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.967	9.633	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.933	9.600	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.51	14.567	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.5	14.500	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.4	14.450	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.45	14.450	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.45	14.500	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.4	14.450	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.141	19.551	PASS
Band2	20MHz	QPSK	18900	100RB#0	18	19.600	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.933	19.467	PASS

Band2	20MHz	16QAM	18700	100RB#0	18	19.667	PASS
Band2	20MHz	16QAM	18900	100RB#0	18	19.600	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.933	19.467	PASS

Test Graphs

Band2-1.4MHz-QPSK-18607-6RB#0-1.095

Band2-1.4MHz-QPSK-18900-6RB#0-1.095

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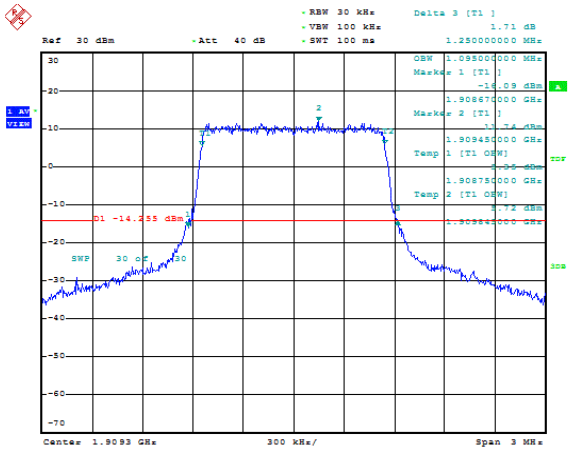
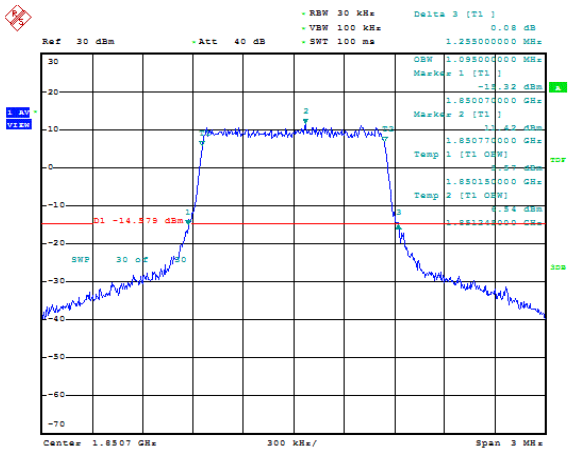


Band2-1.4MHz-16QAM-18607-6RB#0-1.095



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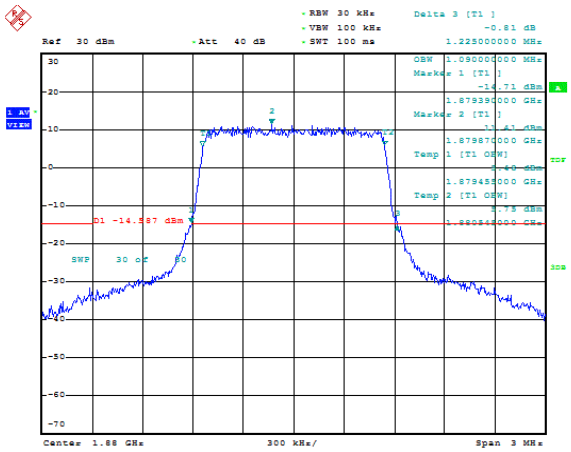

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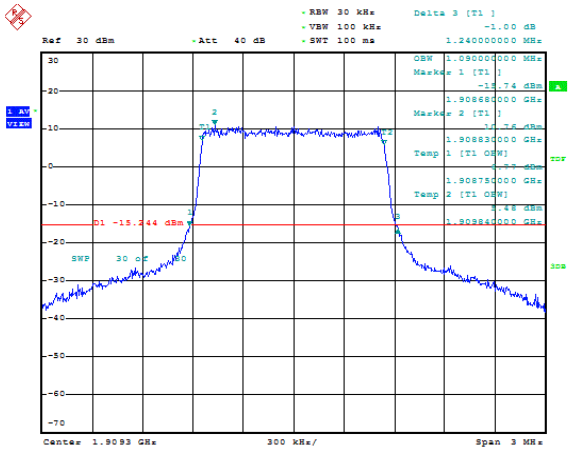
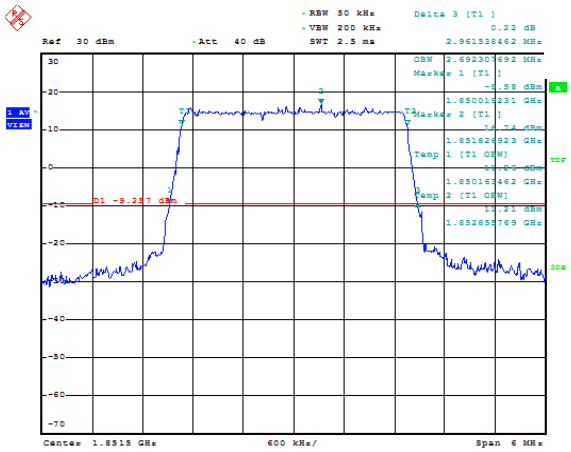
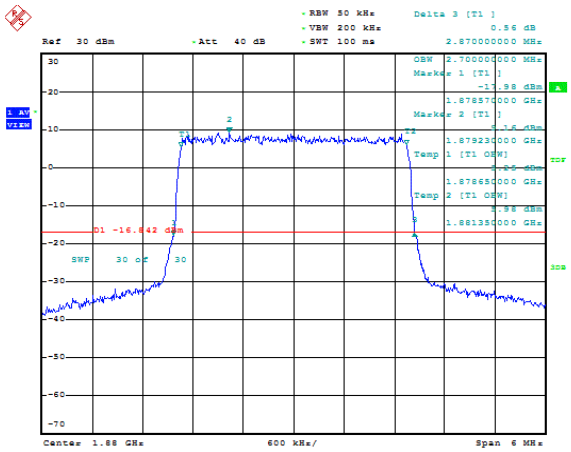


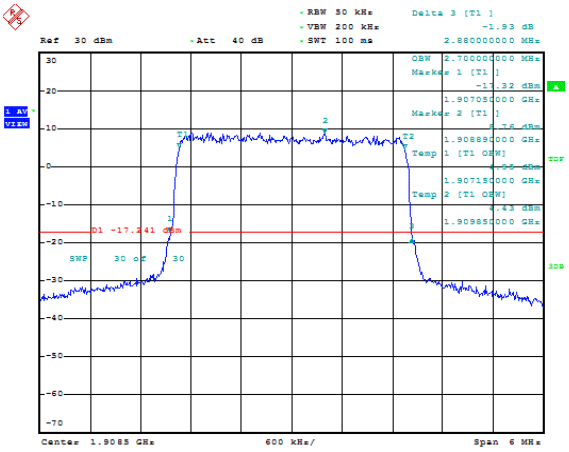
Band2-3MHz-QPSK-18615-15RB#0-2.692



Band2-3MHz-QPSK-18900-15RB#0-2.7



Band2-3MHz-QPSK-19185-15RB#0-2.7



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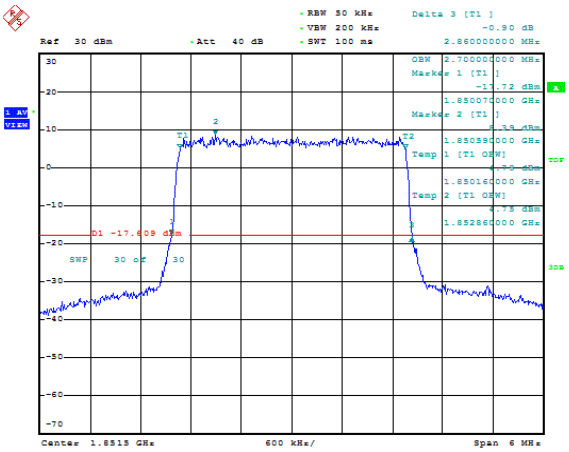
Band2-3MHz-16QAM-18615-15RB#0-2.7



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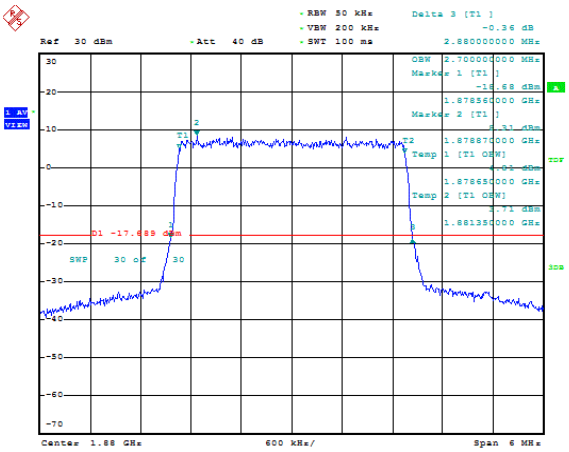

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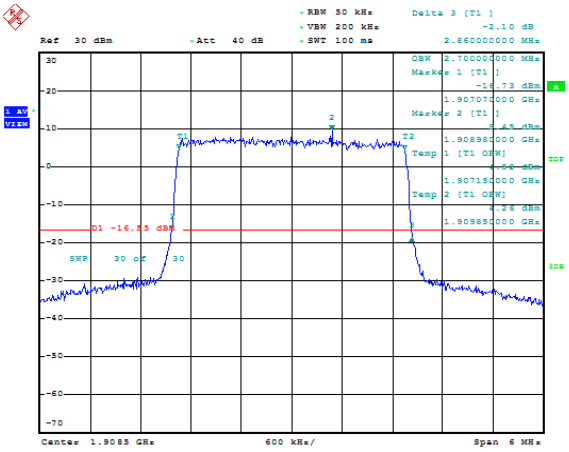
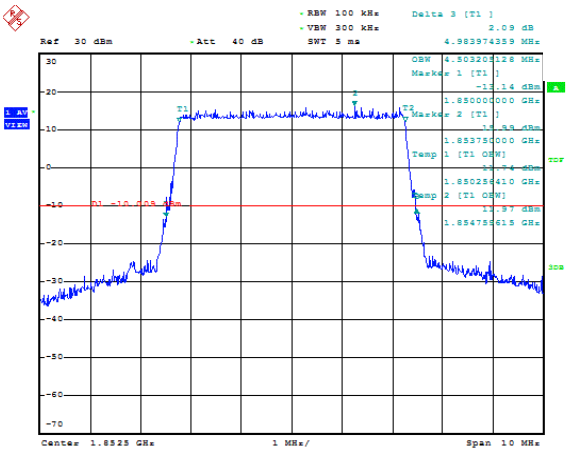
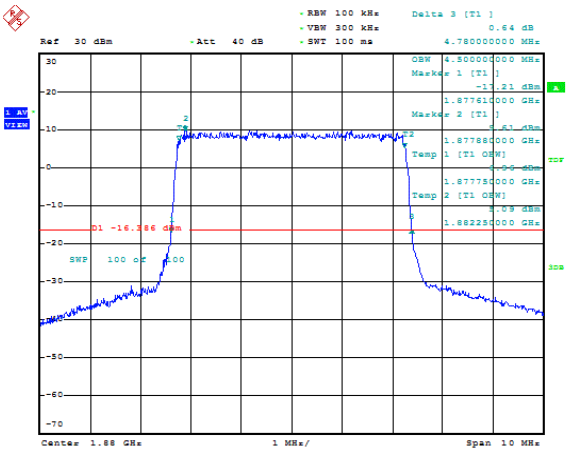


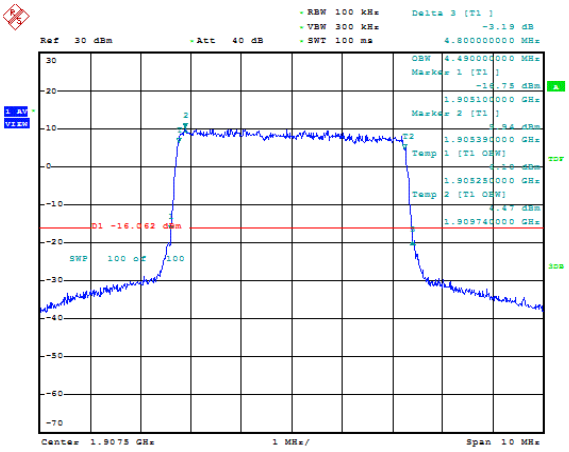
Band2-5MHz-QPSK-18625-25RB#0-4.503



Band2-5MHz-QPSK-18900-25RB#0-4.5



Band2-5MHz-QPSK-19175-25RB#0-4.49



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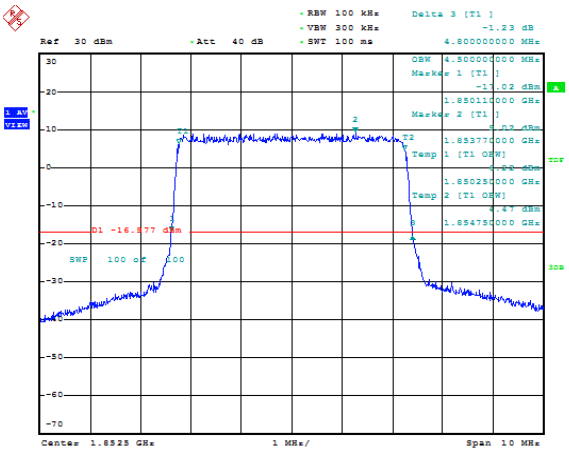
Band2-5MHz-16QAM-18625-25RB#0-4.5



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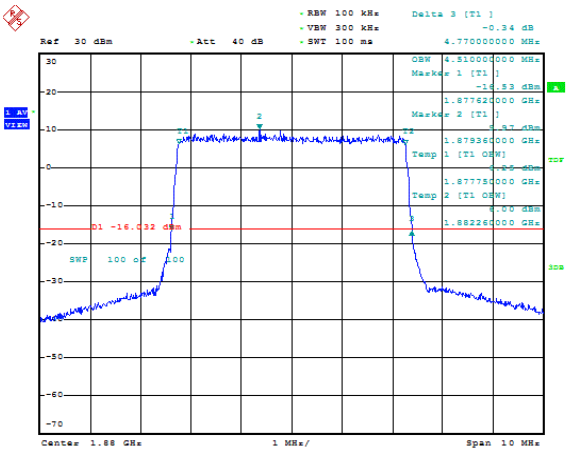

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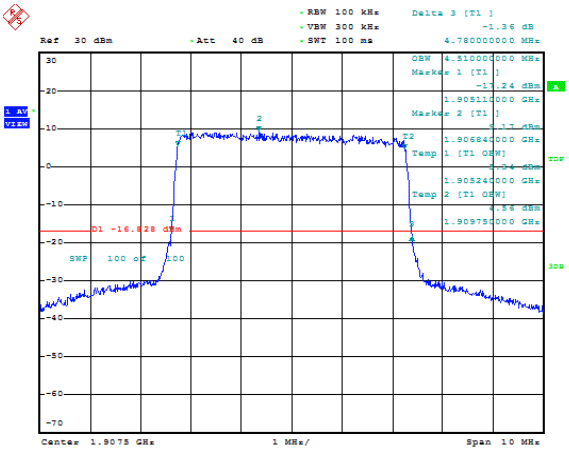

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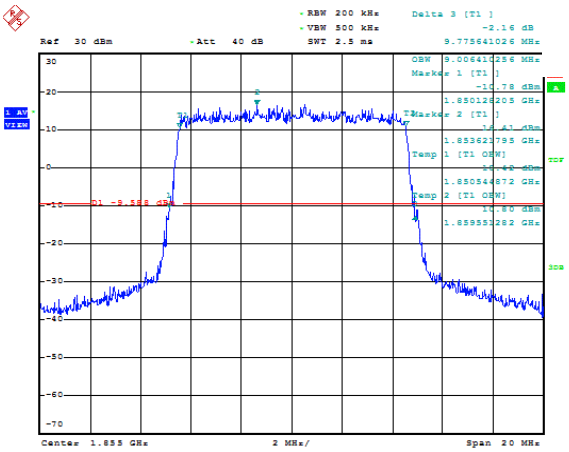
Band2-10MHz-QPSK-18650-50RB#0-9.006



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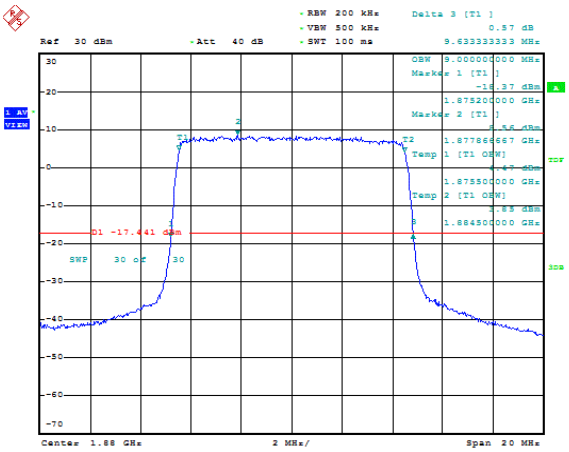

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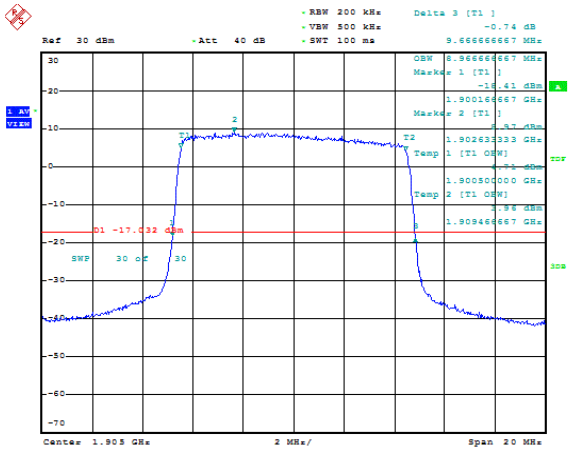
Band2-10MHz-QPSK-19150-50RB#0-8.967



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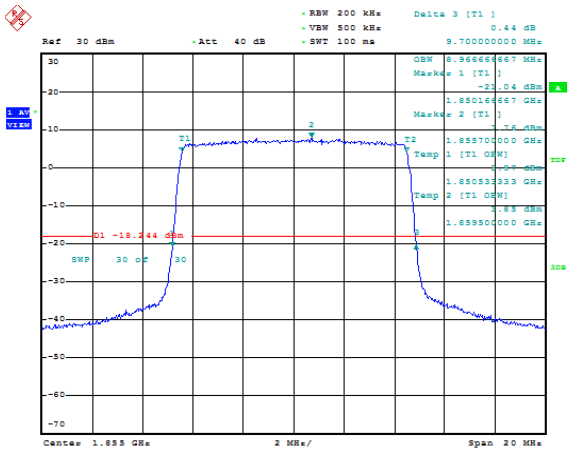

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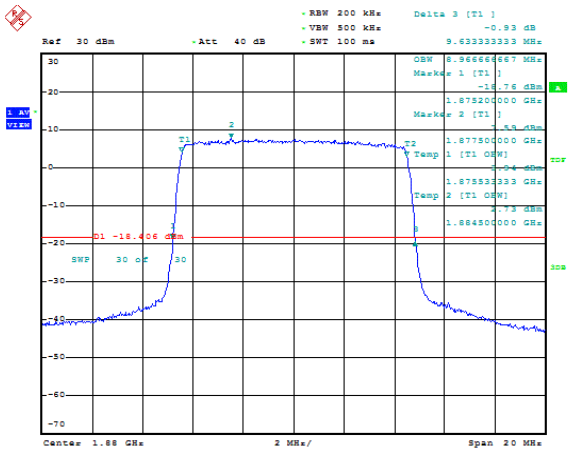

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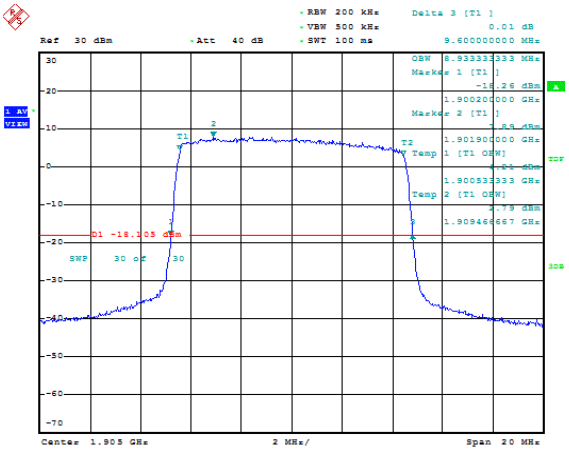
Band2-10MHz-16QAM-19150-50RB#0-8.933



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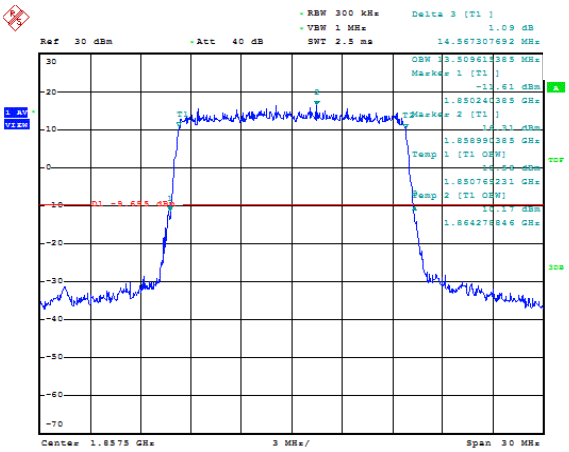
Band2-15MHz-QPSK-18675-75RB#0-13.51



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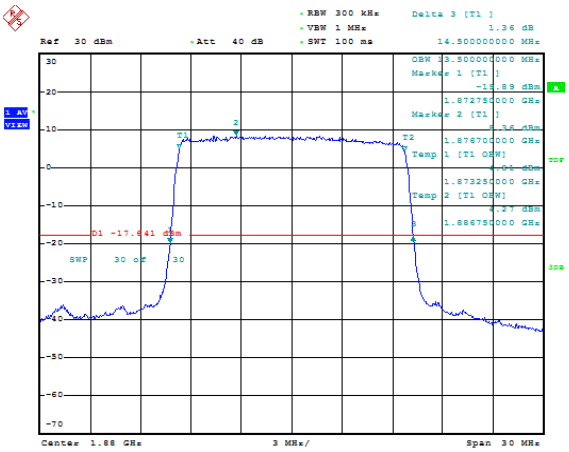
Band2-15MHz-QPSK-18900-75RB#0-13.5



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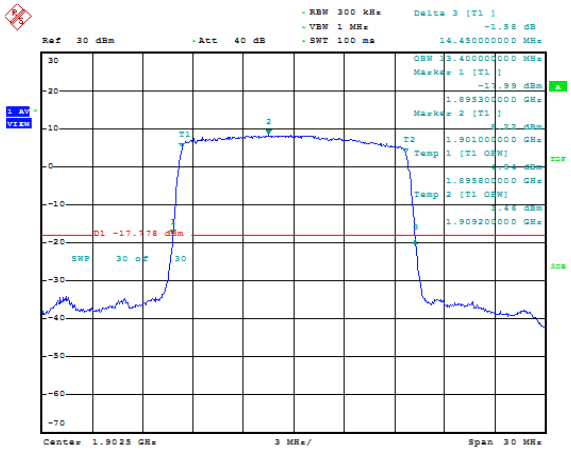
Band2-15MHz-QPSK-19125-75RB#0-13.4



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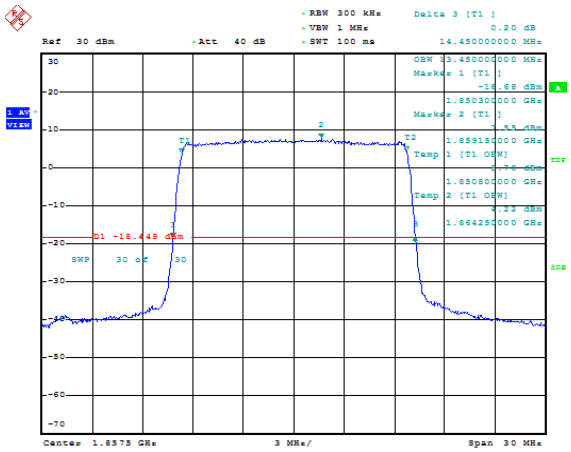
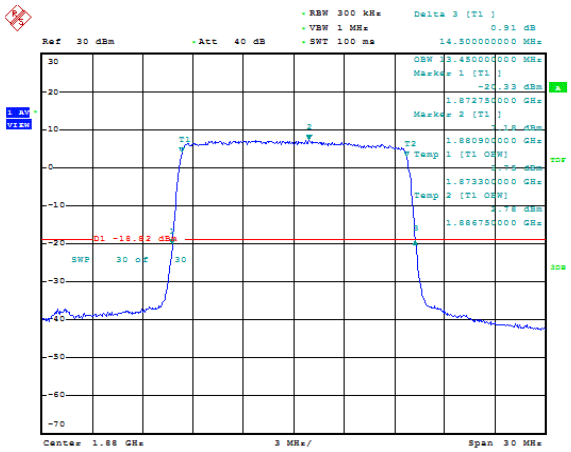
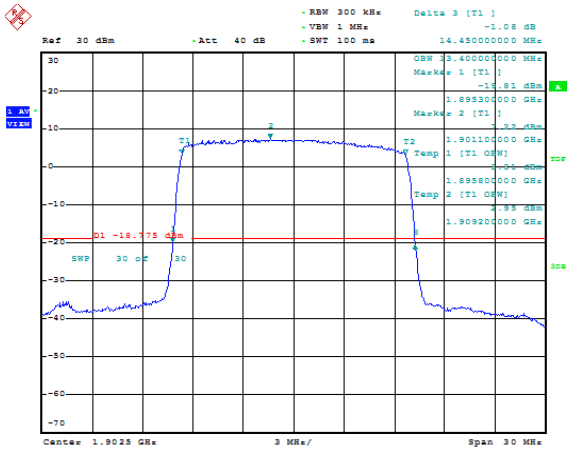


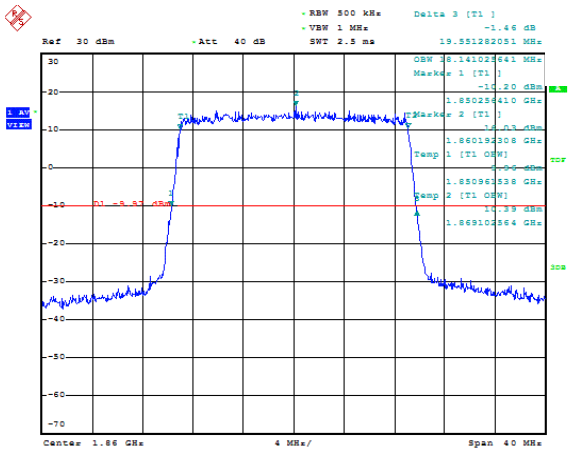
Band2-15MHz-16QAM-18900-75RB#0-13.45



Band2-15MHz-16QAM-19125-75RB#0-13.4



Band2-20MHz-QPSK-18700-100RB#0-18.141



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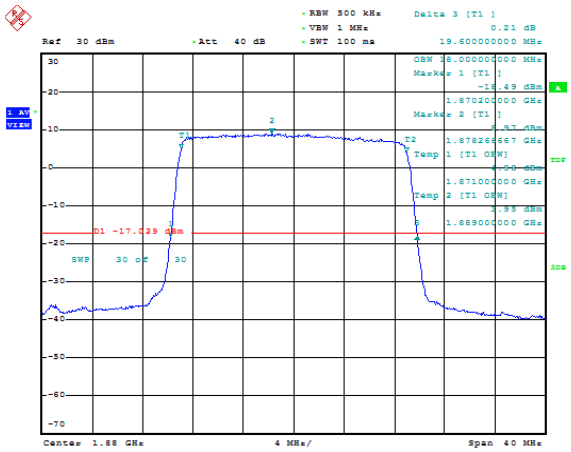
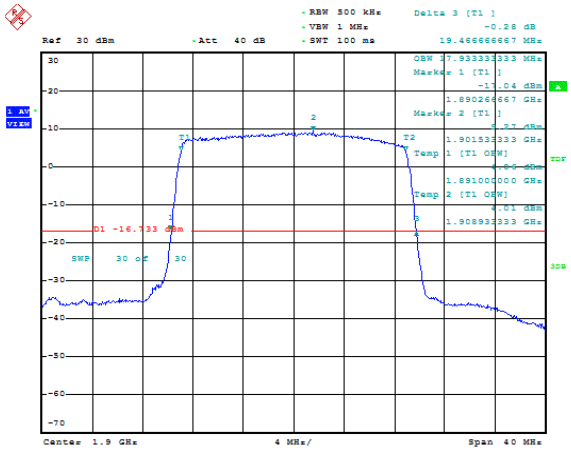
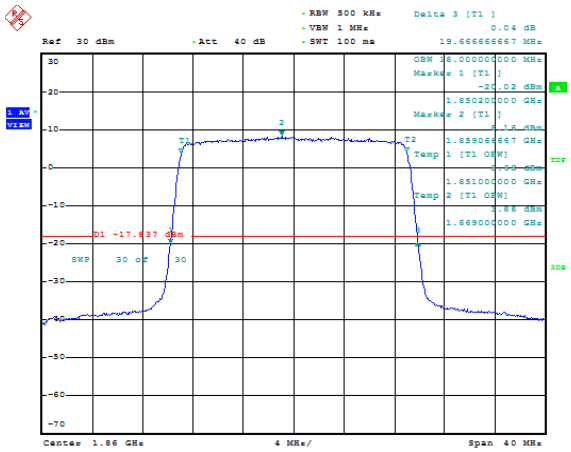


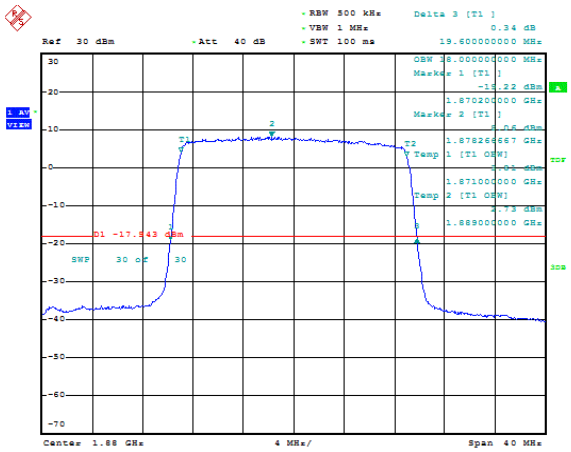
Band2-20MHz-QPSK-19100-100RB#0-17.933



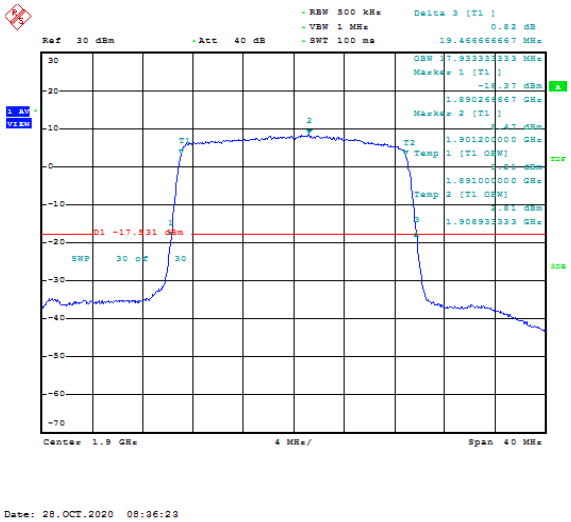
Band2-20MHz-16QAM-18700-100RB#0-18



Band2-20MHz-16QAM-18900-100RB#0-18



Band2-20MHz-16QAM-19100-100RB#0-17.933


RBW 500 kHz
VBW 1 MHz
SWT 100 ms
Delta 3 [T1]
0.82 dB
19.466666667 MHz
Ref 30 dBm
Att 40 dB
OBW 17.933333333 MHz
Marker 1 [T1]
-18.37 dBm
1.890266667 GHz
Marker 2 [T1]
-8.47 dBm
1.901200000 GHz
Temp 1 [T1 OBW]
-7.81 dBm
1.891000000 GHz
Temp 2 [T1 OBW]
-7.81 dBm
1.908933333 GHz
D1 -17.831 dBm
SWP 30 of 30
Center 1.9 GHz
4 MHz/
Span 40 MHz
Date: 28.OCT.2020 08:36:23

1.4. Appendix D: Band Edge

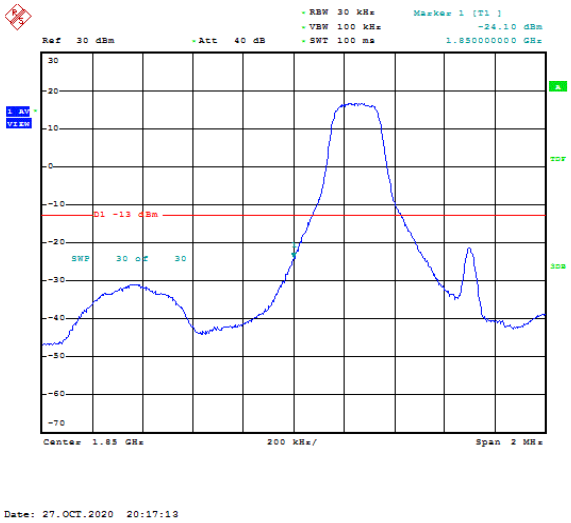
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-24.10	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-36.78	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-25.64	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-33.79	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-23.20	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-25.61	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-25.22	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-39.17	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-27.53	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-35.77	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-26.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-26.74	PASS
Band2	3MHz	QPSK	18615	1RB#0	-21.99	PASS
Band2	3MHz	QPSK	18615	1RB#14	-43.02	PASS
Band2	3MHz	QPSK	18615	15RB#0	-26.72	PASS
Band2	3MHz	QPSK	19185	1RB#0	-44.42	PASS
Band2	3MHz	QPSK	19185	1RB#14	-21.04	PASS
Band2	3MHz	QPSK	19185	15RB#0	-27.11	PASS
Band2	3MHz	16QAM	18615	1RB#0	-22.10	PASS
Band2	3MHz	16QAM	18615	1RB#14	-44.47	PASS
Band2	3MHz	16QAM	18615	15RB#0	-28.68	PASS
Band2	3MHz	16QAM	19185	1RB#0	-45.36	PASS
Band2	3MHz	16QAM	19185	1RB#14	-23.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	-28.39	PASS
Band2	5MHz	QPSK	18625	1RB#0	-22.27	PASS
Band2	5MHz	QPSK	18625	1RB#24	-47.87	PASS
Band2	5MHz	QPSK	18625	25RB#0	-28.50	PASS
Band2	5MHz	QPSK	19175	1RB#0	-48.33	PASS
Band2	5MHz	QPSK	19175	1RB#24	-22.94	PASS
Band2	5MHz	QPSK	19175	25RB#0	-28.27	PASS
Band2	5MHz	16QAM	18625	1RB#0	-24.57	PASS
Band2	5MHz	16QAM	18625	1RB#24	-48.18	PASS
Band2	5MHz	16QAM	18625	25RB#0	-29.69	PASS

Band2	5MHz	16QAM	19175	1RB#0	-48.33	PASS
Band2	5MHz	16QAM	19175	1RB#24	-23.64	PASS
Band2	5MHz	16QAM	19175	25RB#0	-29.32	PASS
Band2	10MHz	QPSK	18650	1RB#0	-16.83	PASS
Band2	10MHz	QPSK	18650	1RB#49	-46.94	PASS
Band2	10MHz	QPSK	18650	50RB#0	-30.27	PASS
Band2	10MHz	QPSK	19150	1RB#0	-47.50	PASS
Band2	10MHz	QPSK	19150	1RB#49	-14.55	PASS
Band2	10MHz	QPSK	19150	50RB#0	-30.36	PASS
Band2	10MHz	16QAM	18650	1RB#0	-17.81	PASS
Band2	10MHz	16QAM	18650	1RB#49	-47.47	PASS
Band2	10MHz	16QAM	18650	50RB#0	-31.47	PASS
Band2	10MHz	16QAM	19150	1RB#0	-47.70	PASS
Band2	10MHz	16QAM	19150	1RB#49	-15.23	PASS
Band2	10MHz	16QAM	19150	50RB#0	-31.56	PASS
Band2	15MHz	QPSK	18675	1RB#0	-14.99	PASS
Band2	15MHz	QPSK	18675	1RB#74	-46.77	PASS
Band2	15MHz	QPSK	18675	75RB#0	-30.95	PASS
Band2	15MHz	QPSK	19125	1RB#0	-46.79	PASS
Band2	15MHz	QPSK	19125	1RB#74	-24.60	PASS
Band2	15MHz	QPSK	19125	75RB#0	-31.17	PASS
Band2	15MHz	16QAM	18675	1RB#0	-16.09	PASS
Band2	15MHz	16QAM	18675	1RB#74	-46.97	PASS
Band2	15MHz	16QAM	18675	75RB#0	-32.64	PASS
Band2	15MHz	16QAM	19125	1RB#0	-47.21	PASS
Band2	15MHz	16QAM	19125	1RB#74	-25.60	PASS
Band2	15MHz	16QAM	19125	75RB#0	-32.44	PASS
Band2	20MHz	QPSK	18700	1RB#0	-17.92	PASS
Band2	20MHz	QPSK	18700	1RB#99	-56.03	PASS
Band2	20MHz	QPSK	18700	100RB#0	-26.06	PASS
Band2	20MHz	QPSK	19100	1RB#0	-55.82	PASS
Band2	20MHz	QPSK	19100	1RB#99	-16.58	PASS
Band2	20MHz	QPSK	19100	100RB#0	-26.19	PASS
Band2	20MHz	16QAM	18700	1RB#0	-18.88	PASS
Band2	20MHz	16QAM	18700	1RB#99	-54.95	PASS
Band2	20MHz	16QAM	18700	100RB#0	-27.03	PASS
Band2	20MHz	16QAM	19100	1RB#0	-56.75	PASS
Band2	20MHz	16QAM	19100	1RB#99	-17.69	PASS

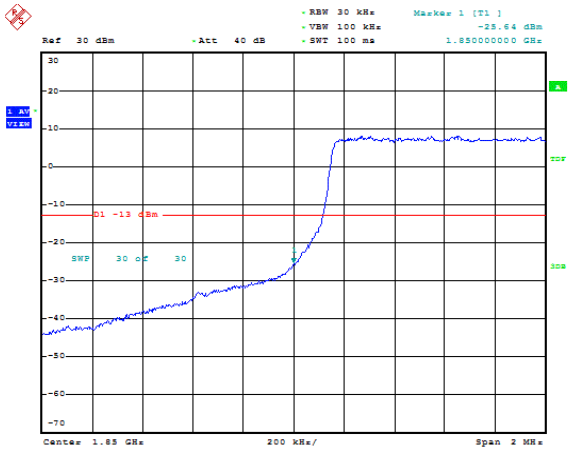
Band2	20MHz	16QAM	19100	100RB#0	-27.24	PASS

Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0


Band2-1.4MHz-QPSK-18607-1RB#5

Band2-1.4MHz-QPSK-18607-6RB#0



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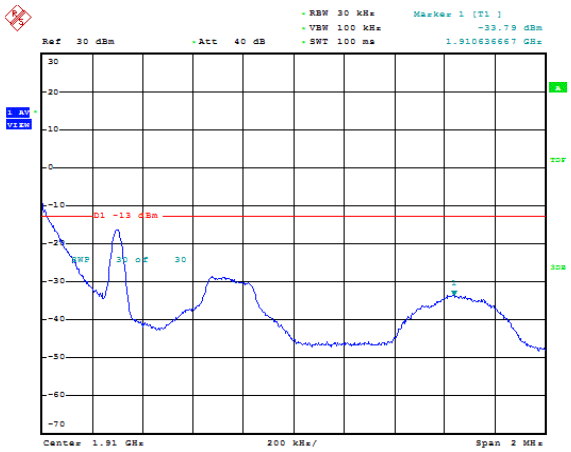

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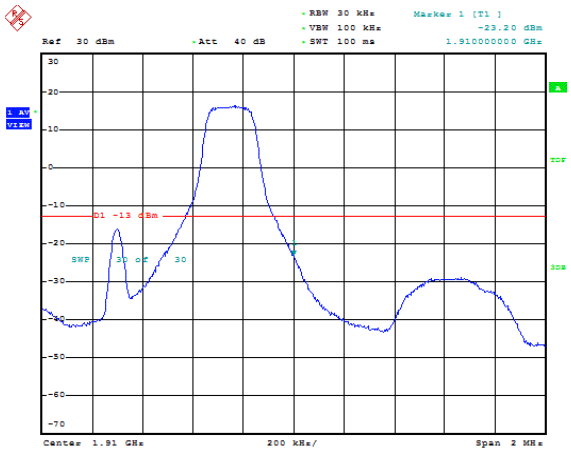

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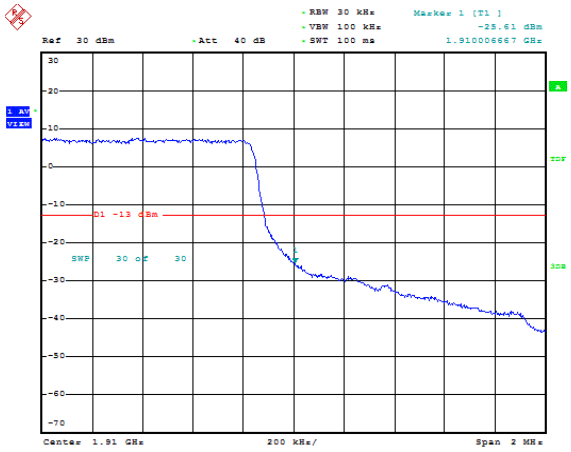

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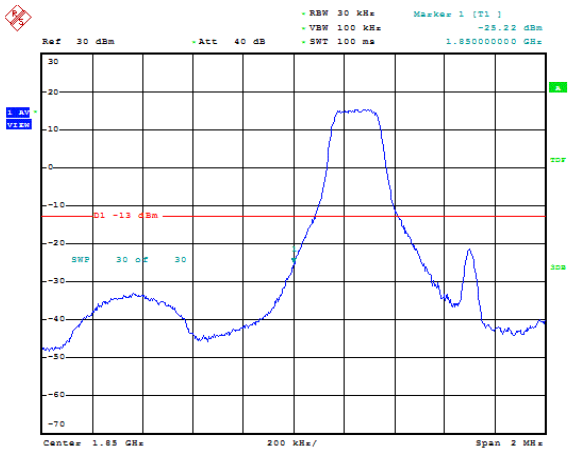

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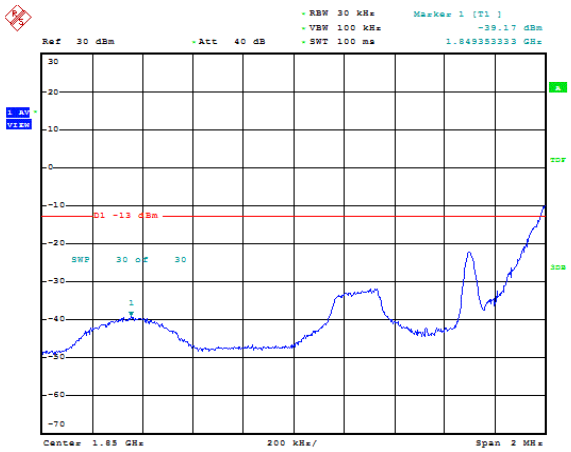

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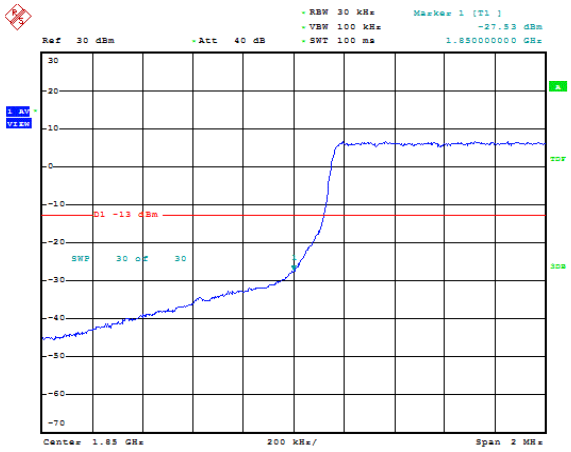

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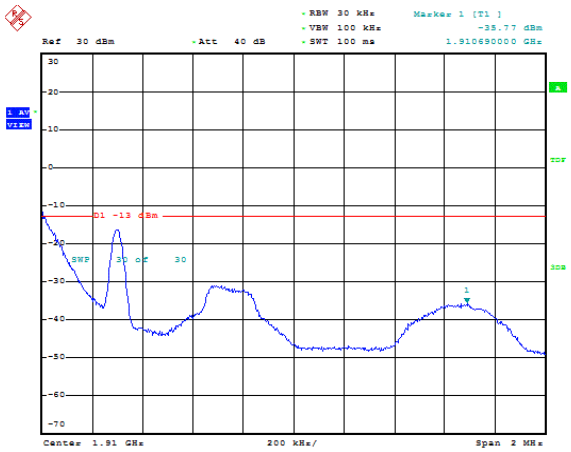

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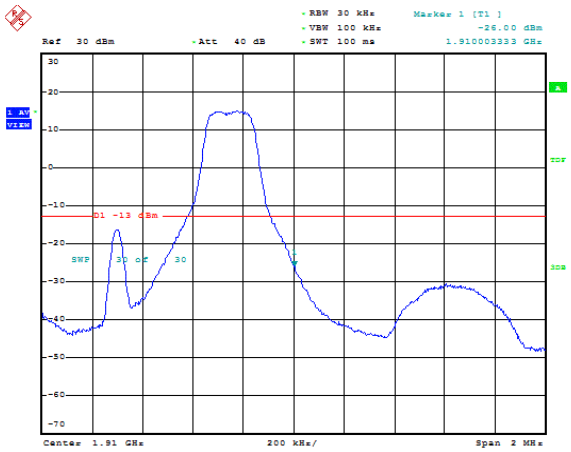
Band2-1.4MHz-16QAM-19193-1RB#5



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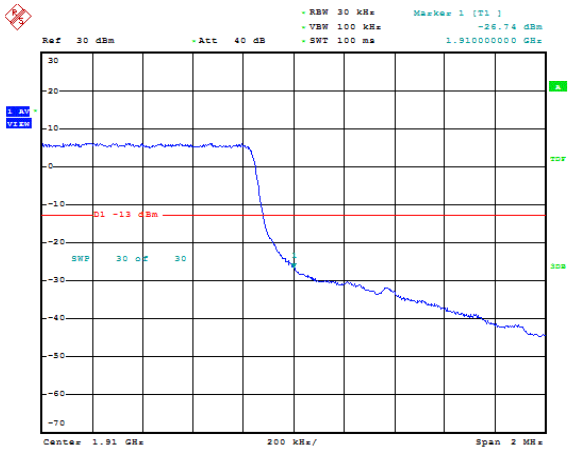
Band2-1.4MHz-16QAM-19193-6RB#0



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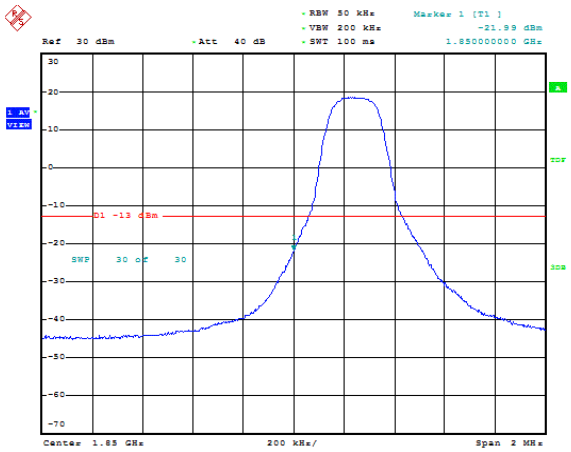
Band2-3MHz-QPSK-18615-1RB#0



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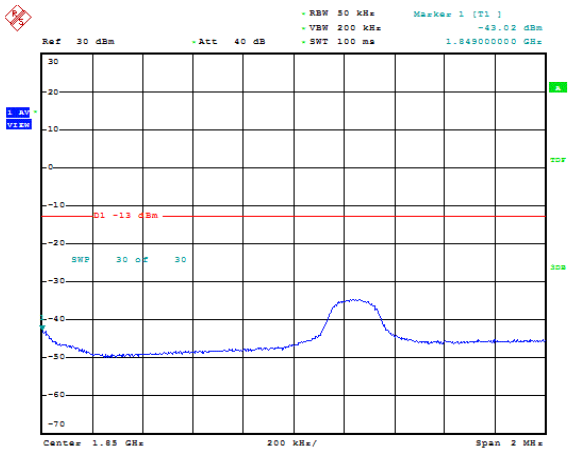
Band2-3MHz-QPSK-18615-1RB#14



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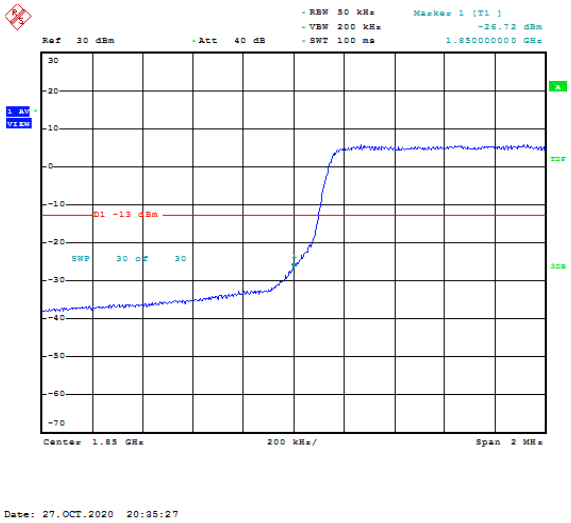

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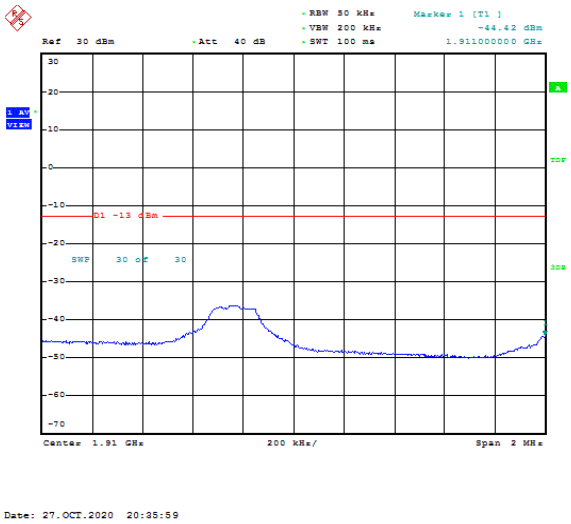

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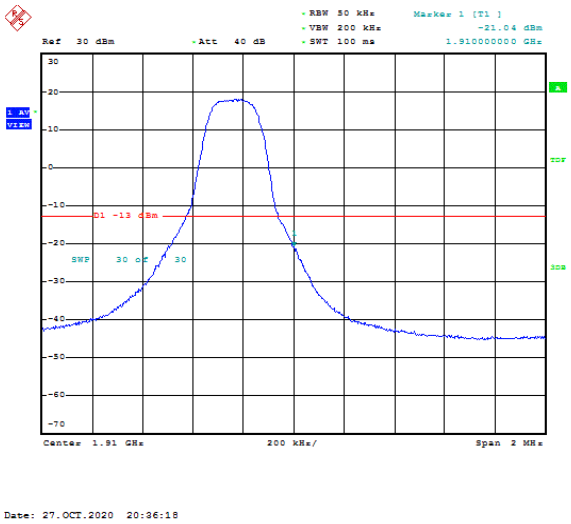

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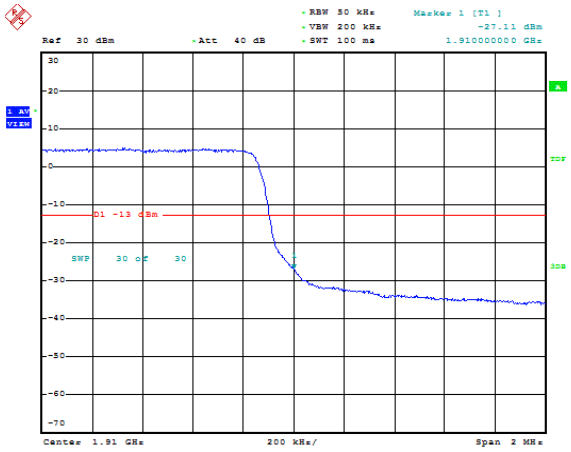

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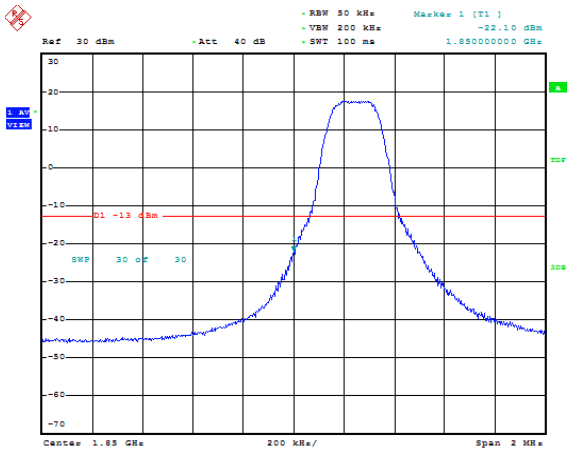

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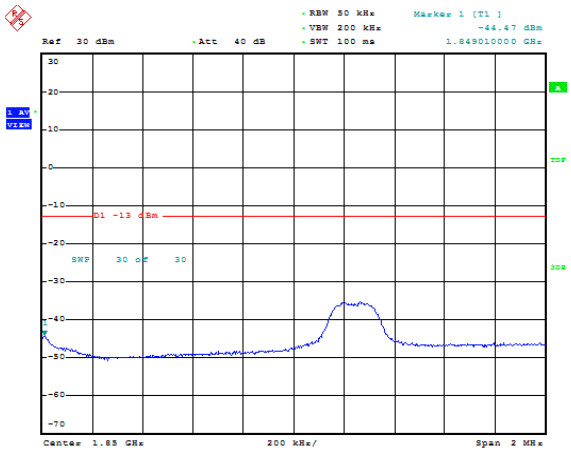

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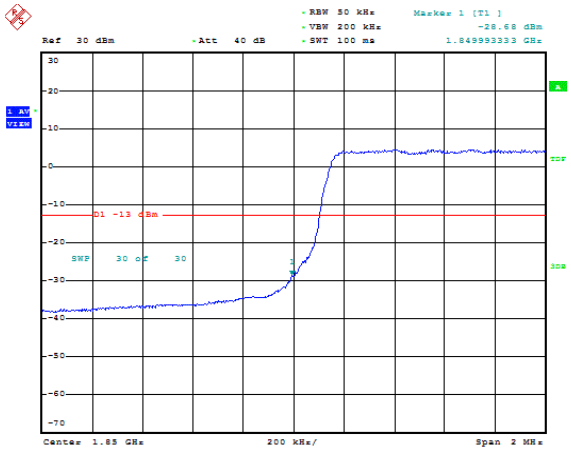

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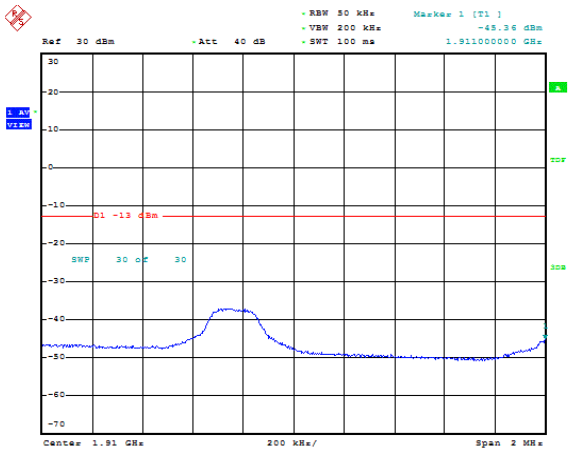

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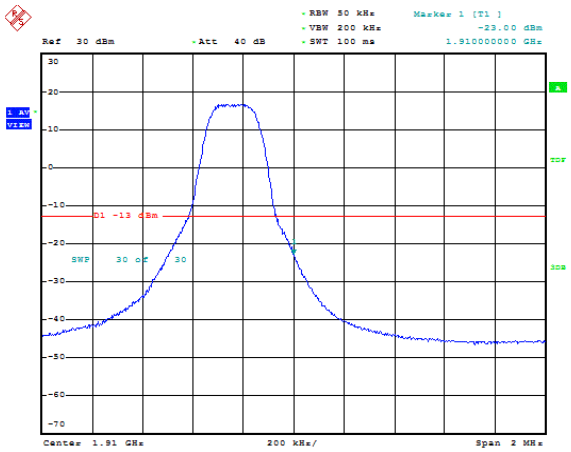

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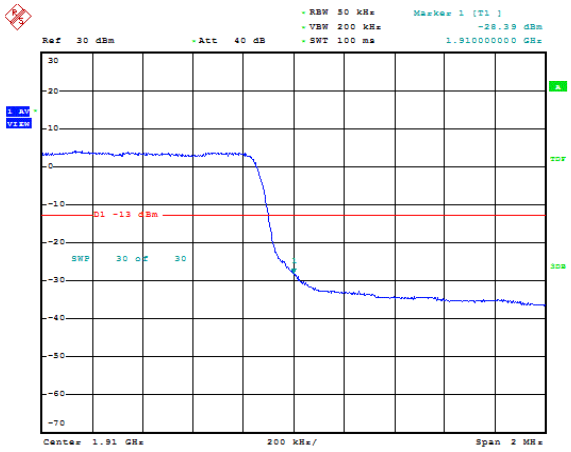

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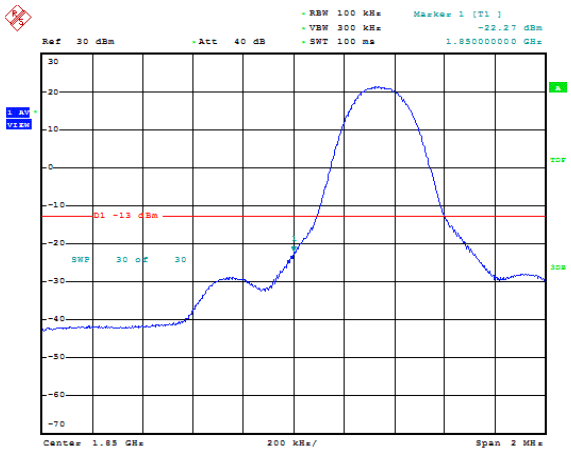
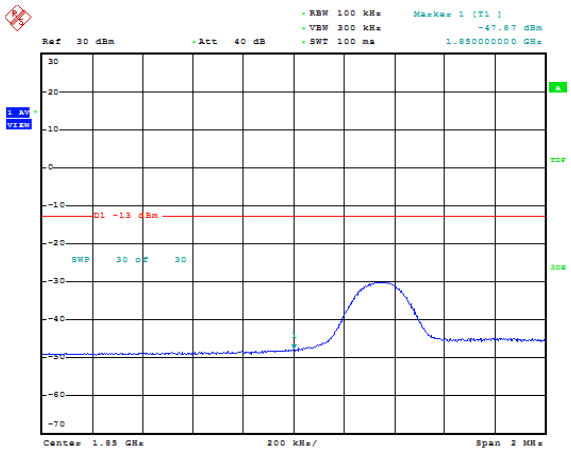
Band2-5MHz-QPSK-18625-1RB#0



Date: 27.OCT.2020 20:53:13

Band2-5MHz-QPSK-18625-1RB#24



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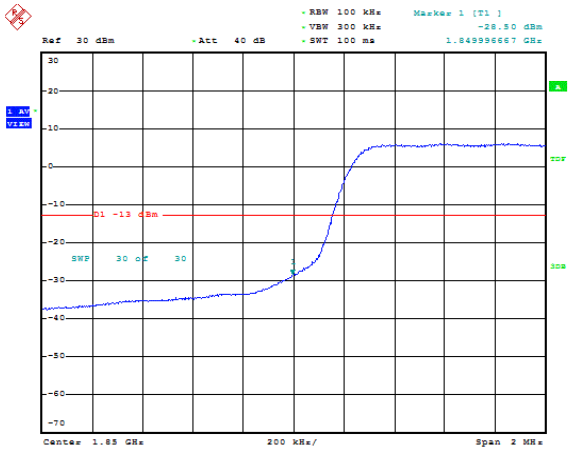

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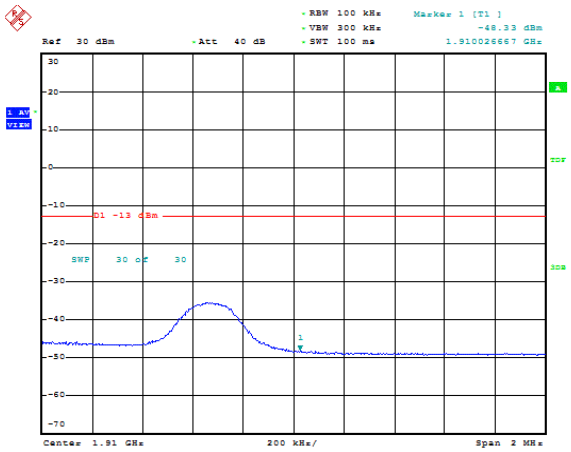
Band2-5MHz-QPSK-19175-1RB#0



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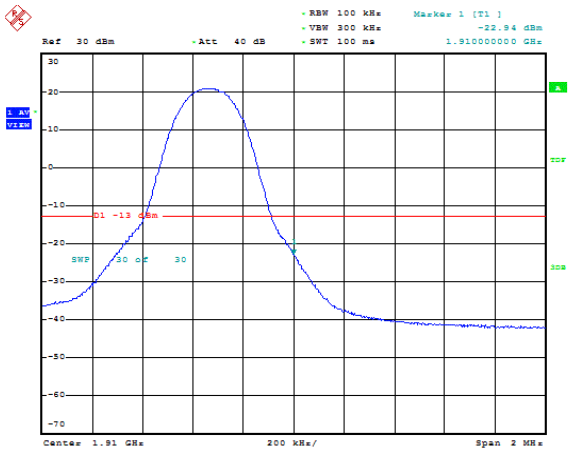

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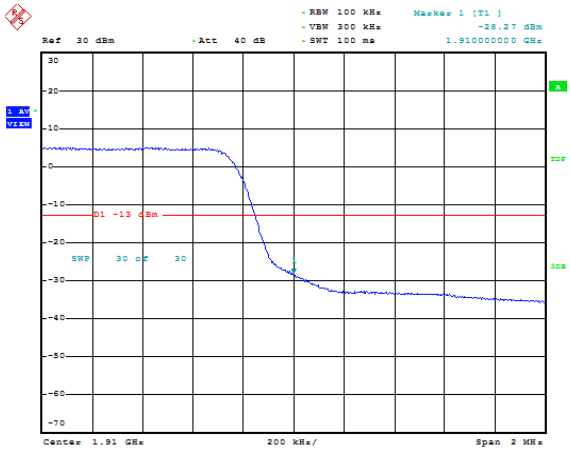

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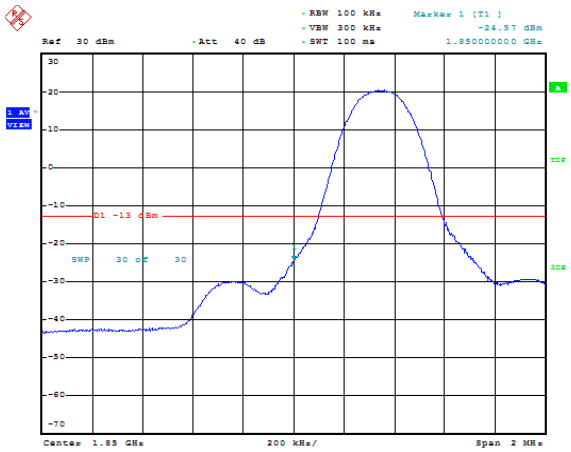

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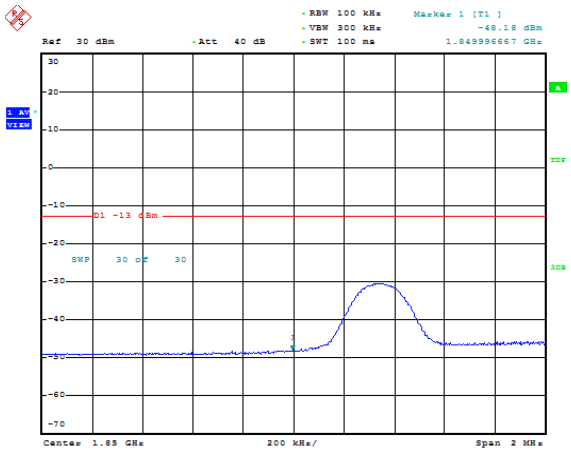

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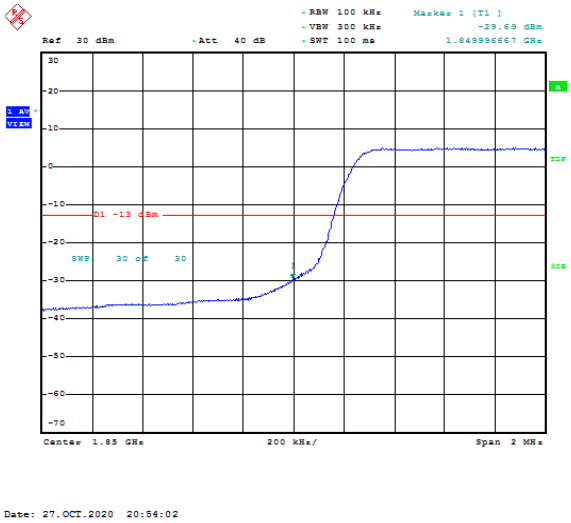

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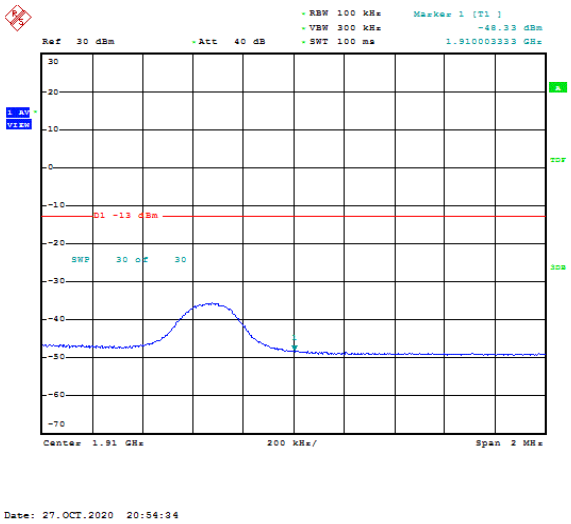

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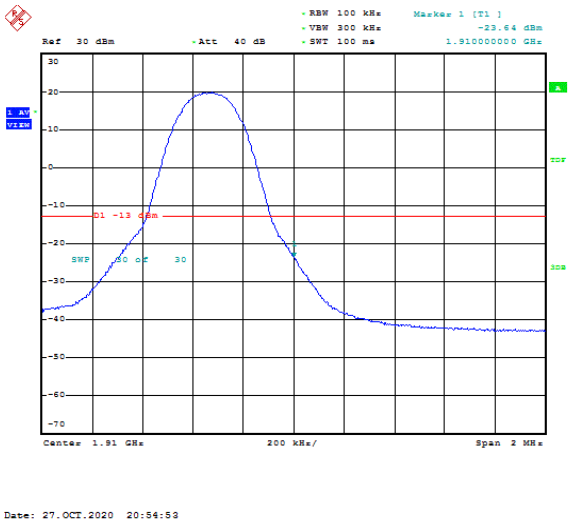

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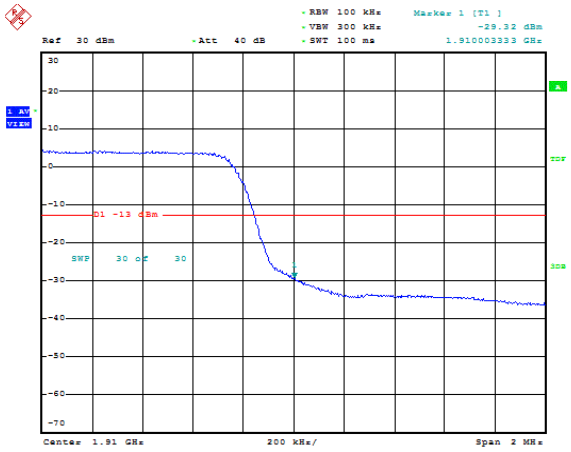

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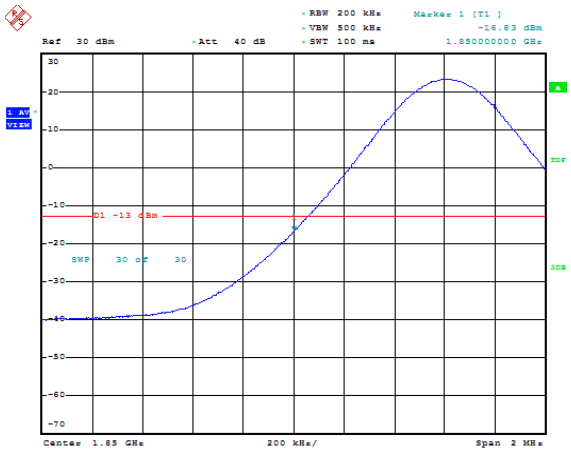
Band2-10MHz-QPSK-18650-1RB#0



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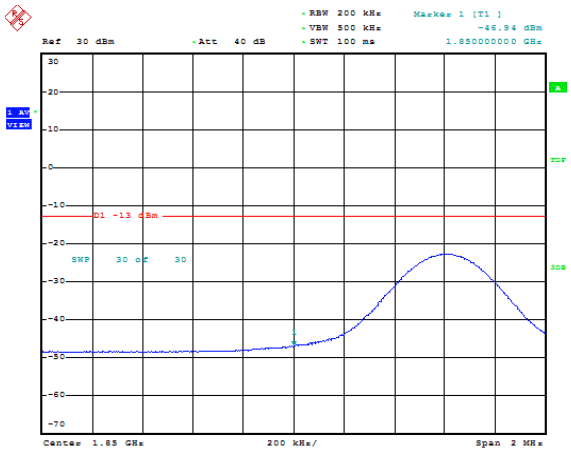
Band2-10MHz-QPSK-18650-1RB#49



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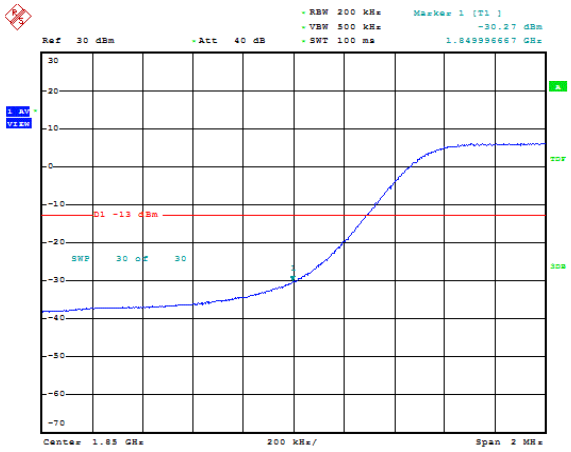

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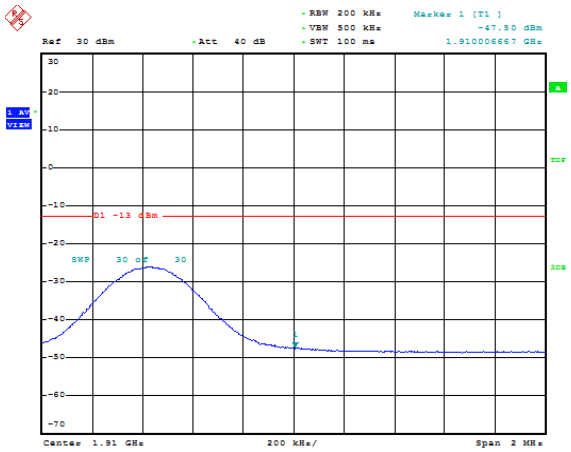
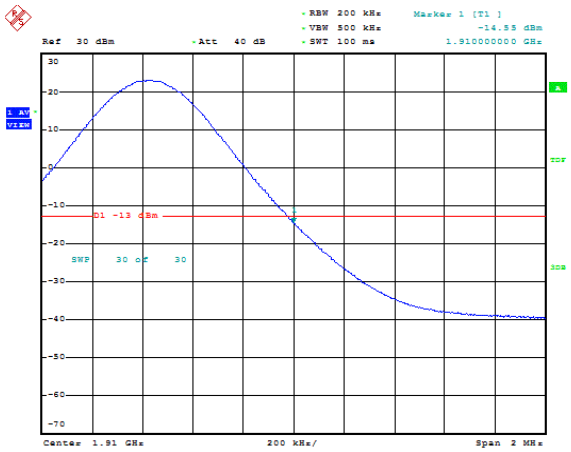


Date: 27.OCT.2020 21:12:27

Band2-10MHz-QPSK-19150-1RB#49



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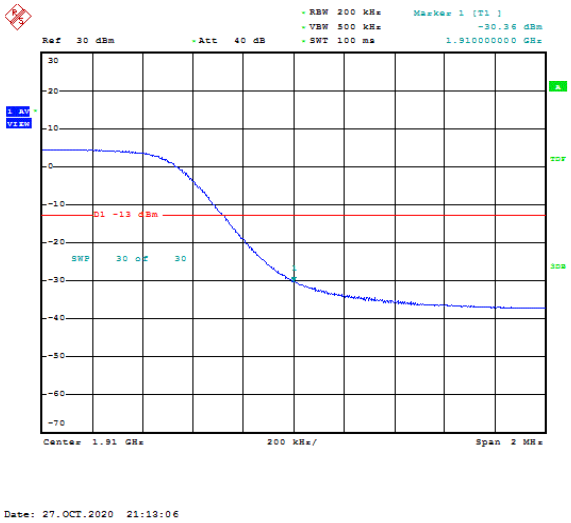

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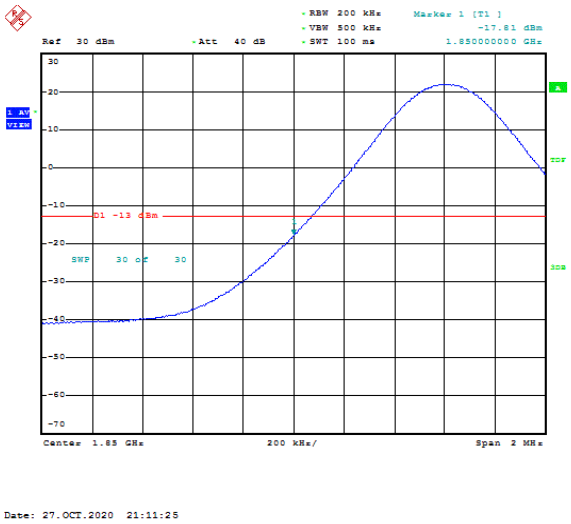
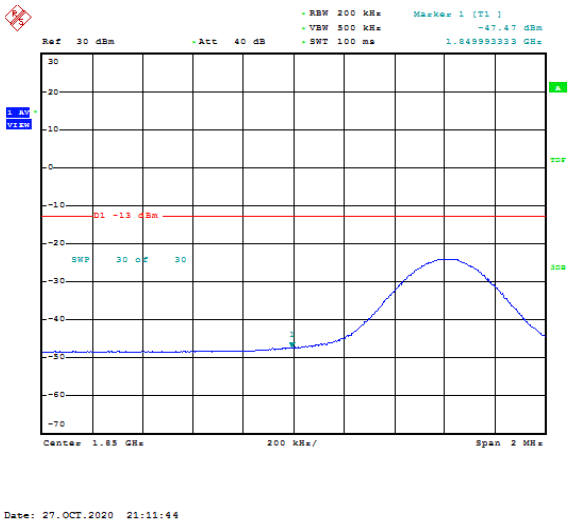
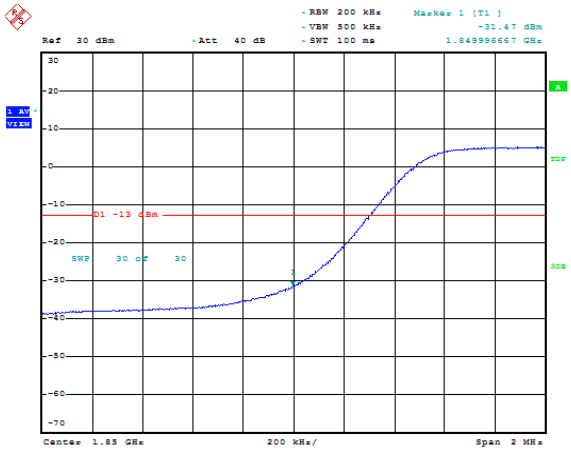


Band2-10MHz-16QAM-18650-1RB#49



Band2-10MHz-16QAM-18650-50RB#0



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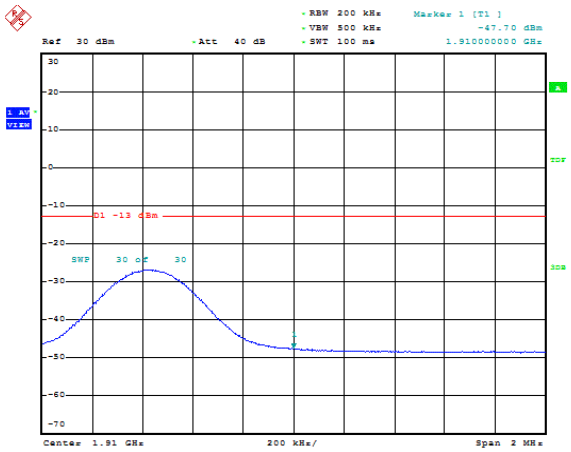

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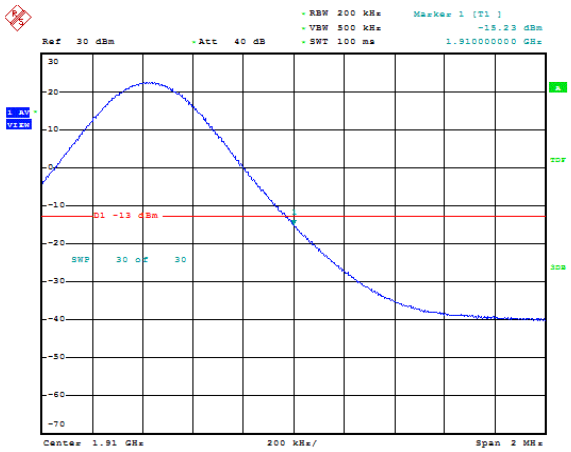

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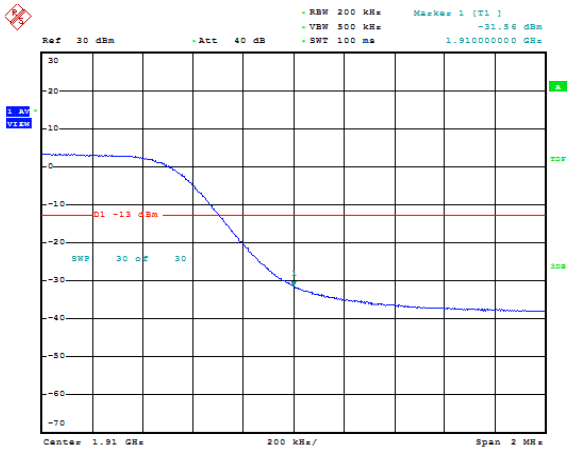

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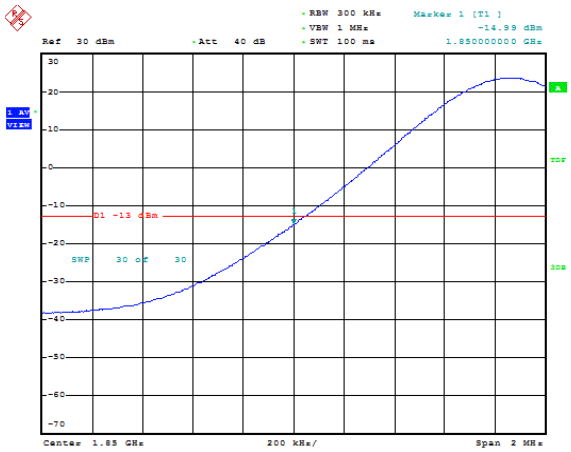

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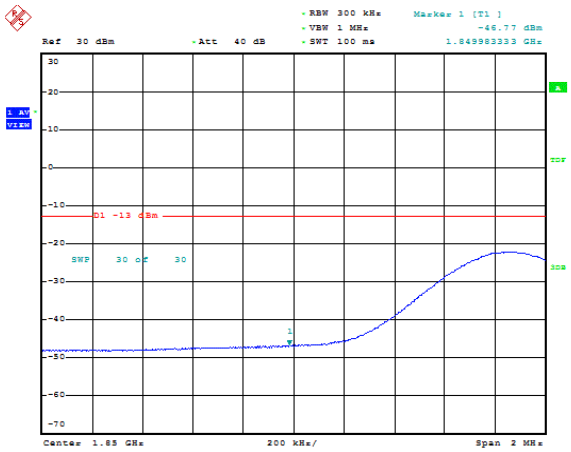

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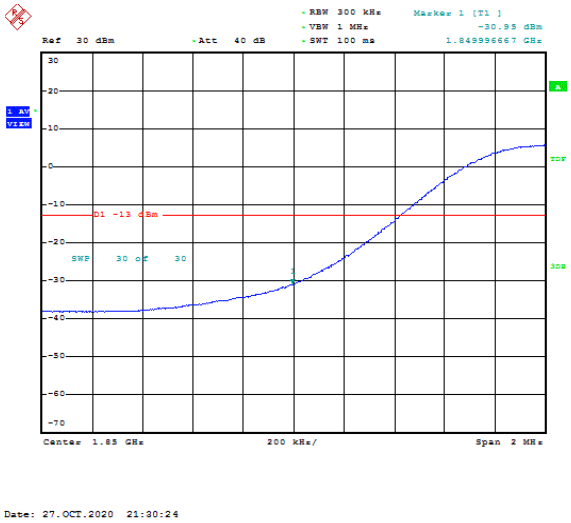

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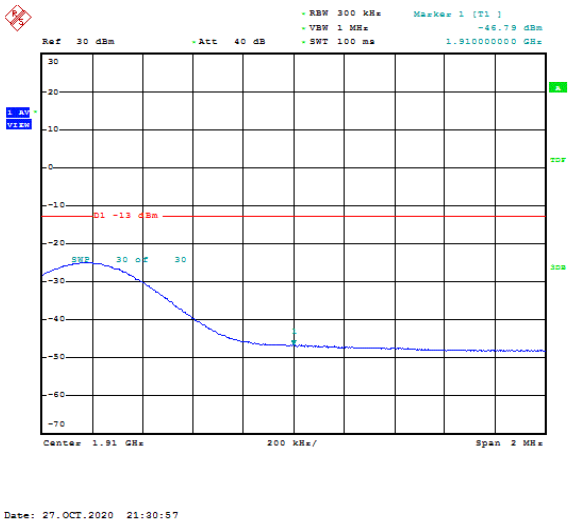

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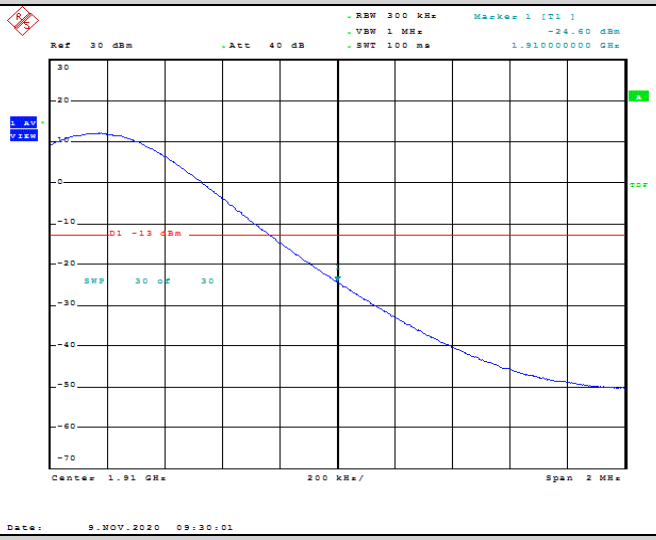

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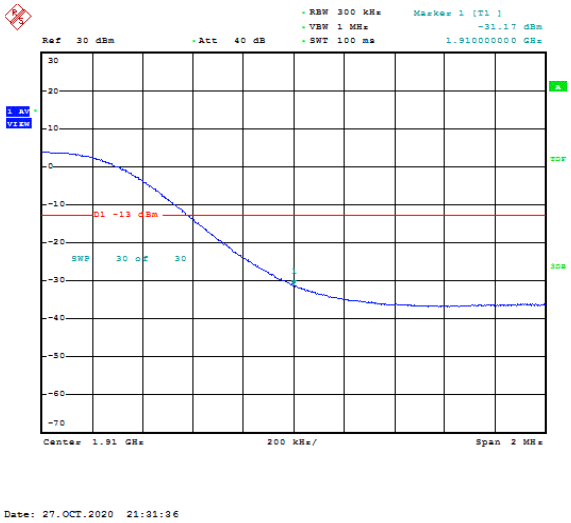

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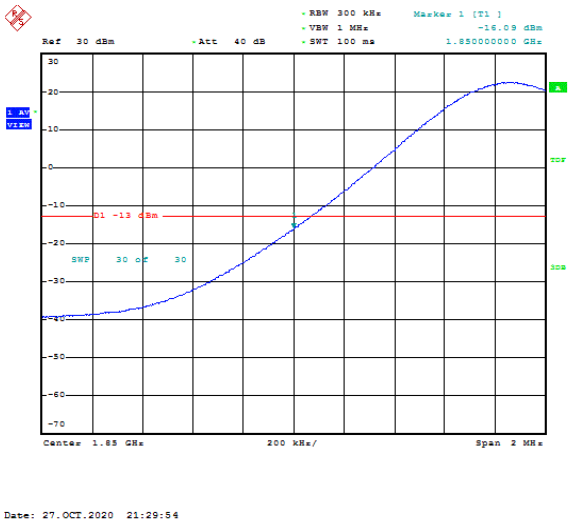

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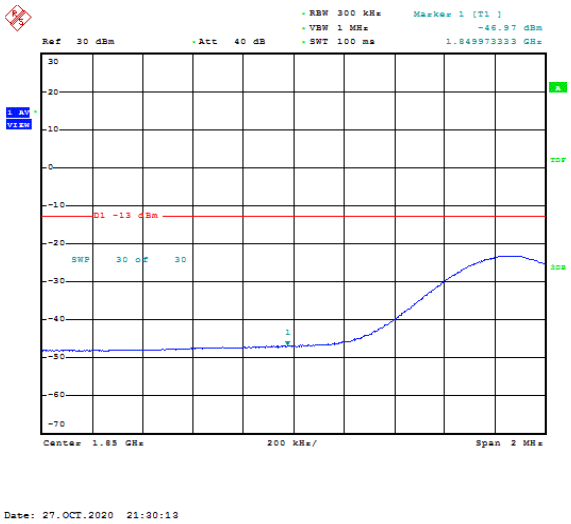

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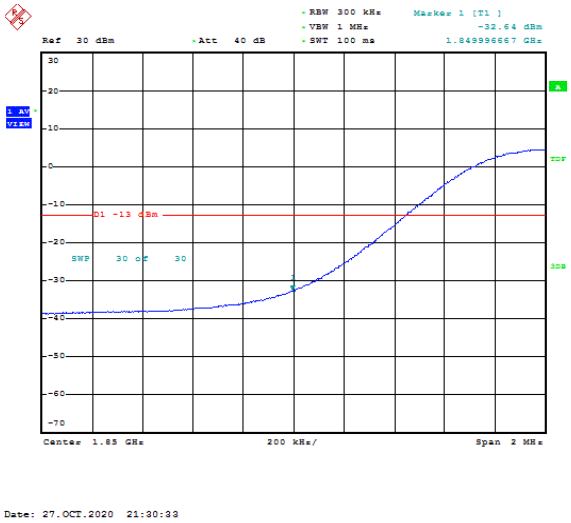

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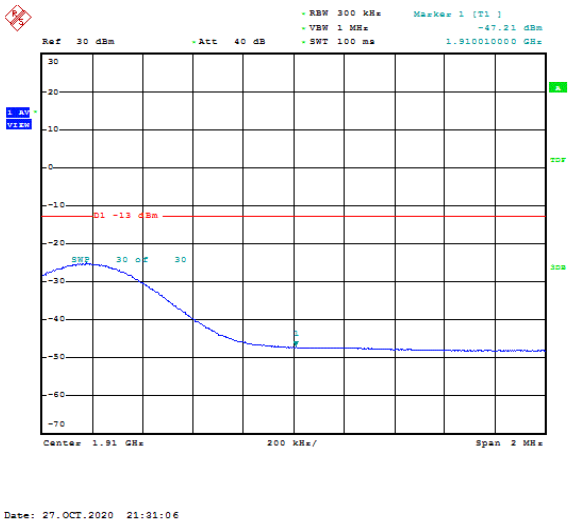

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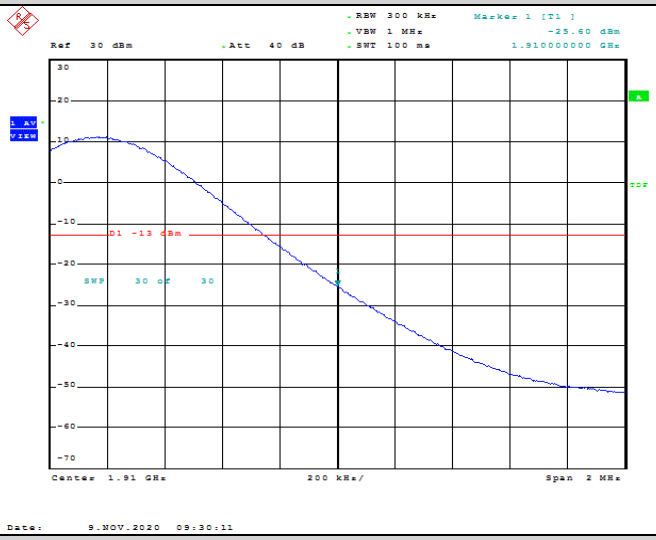

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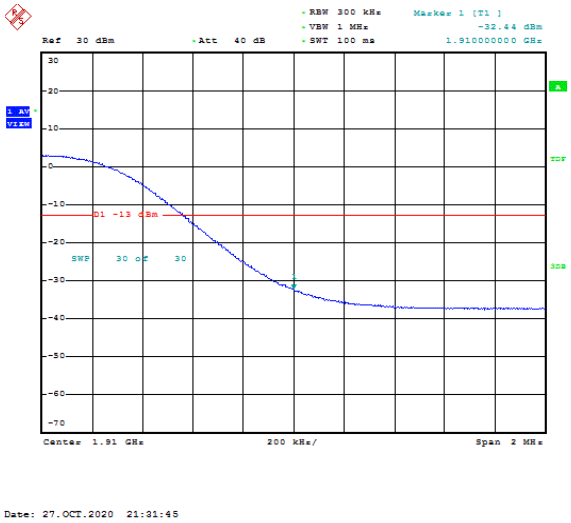

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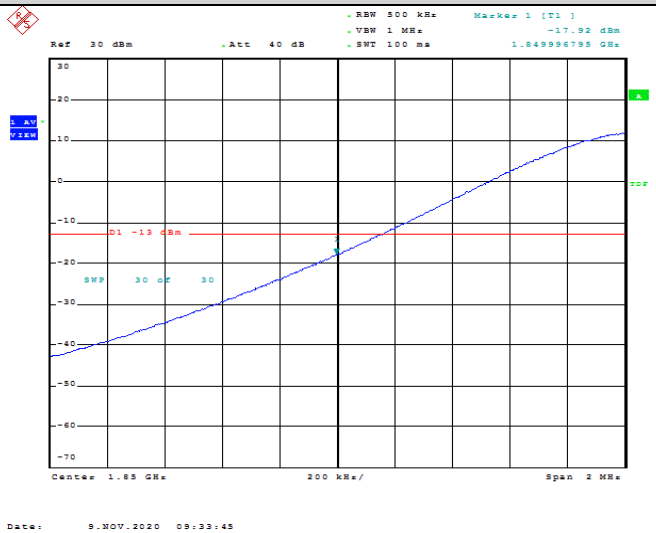

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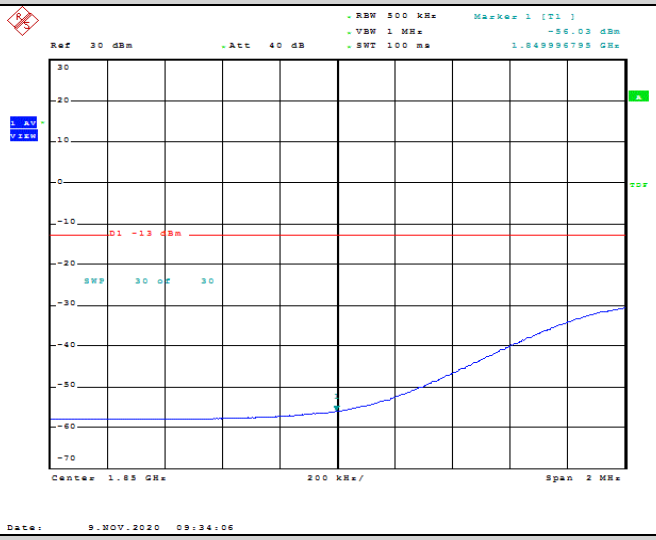

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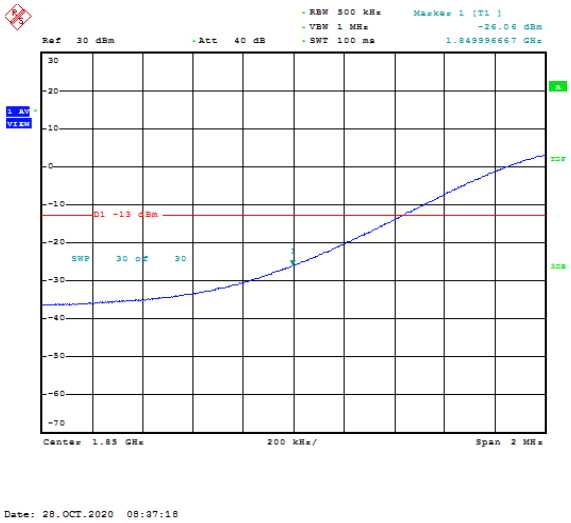

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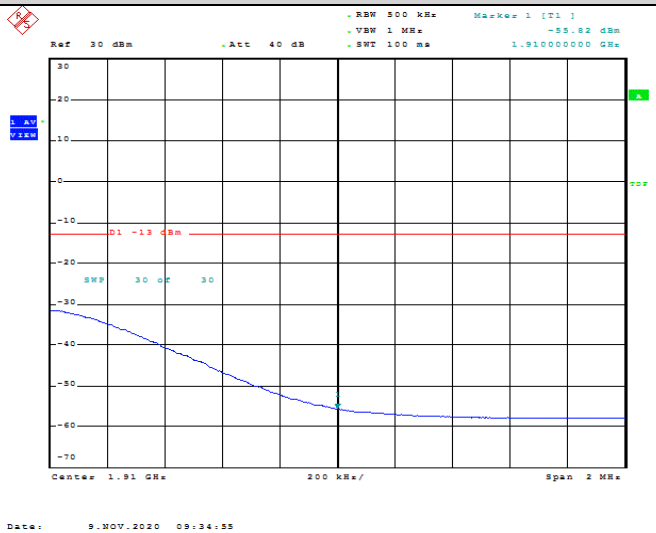

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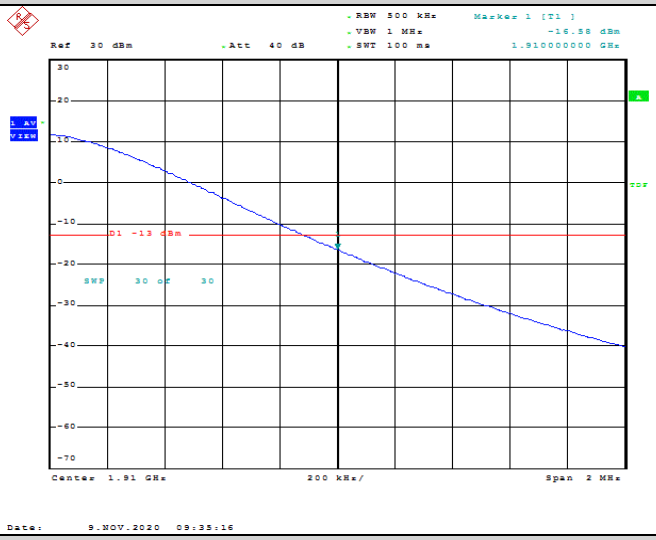

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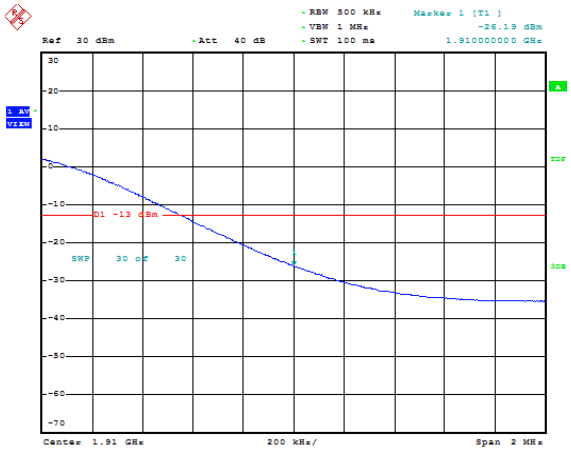

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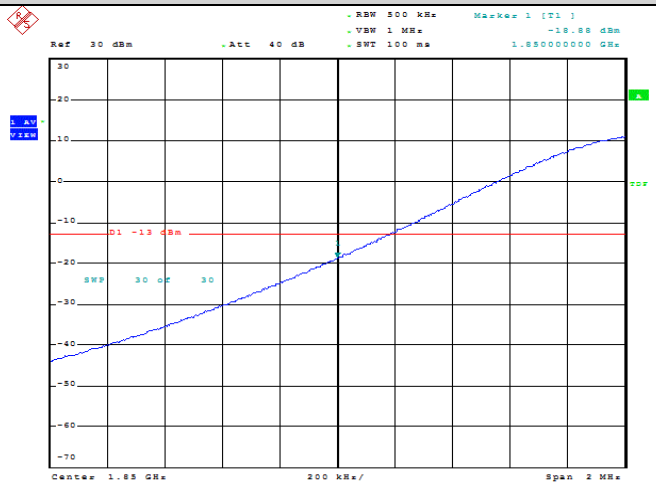

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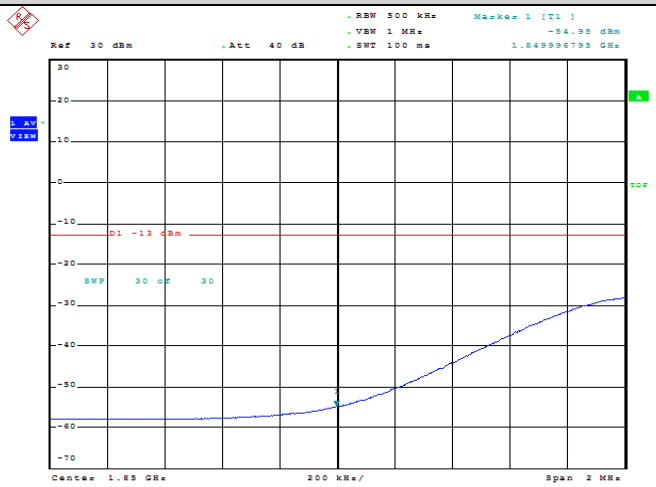

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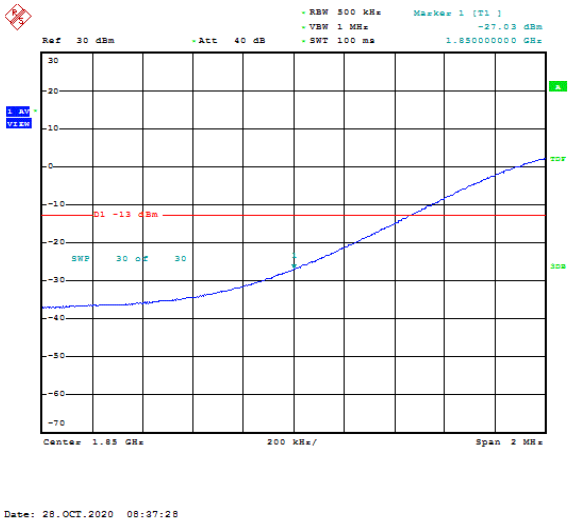

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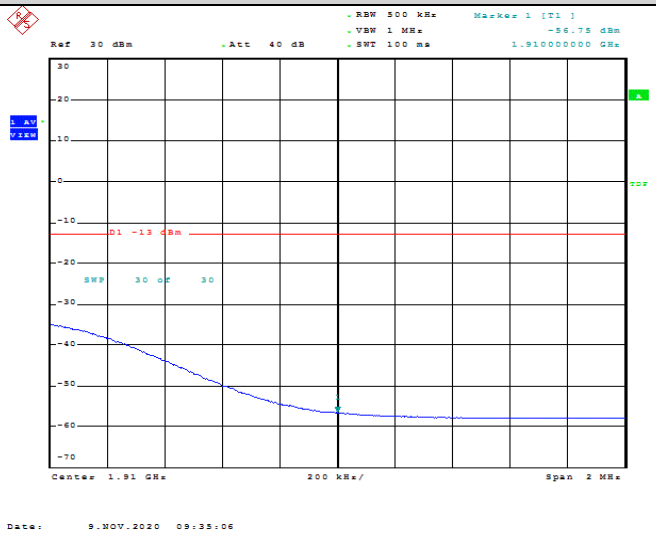

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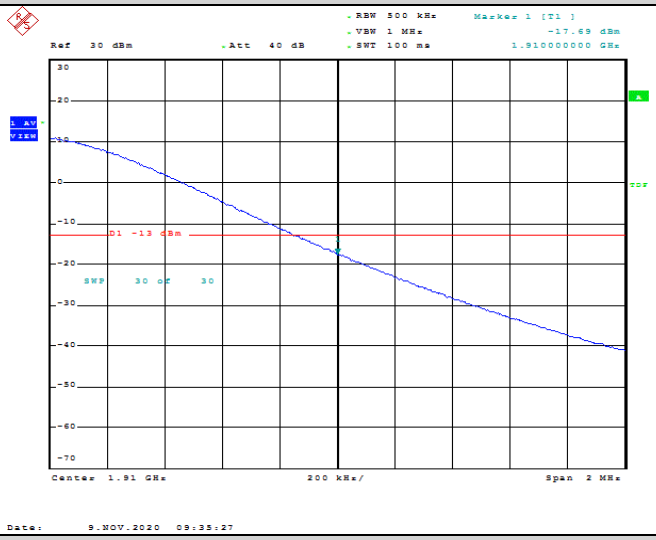

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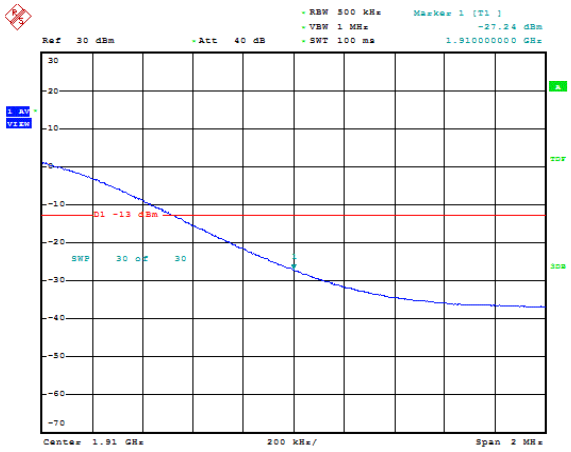


Date: 28.OCT.2020 08:38:40

1.5. Appendix E: Conducted Spurious Emission

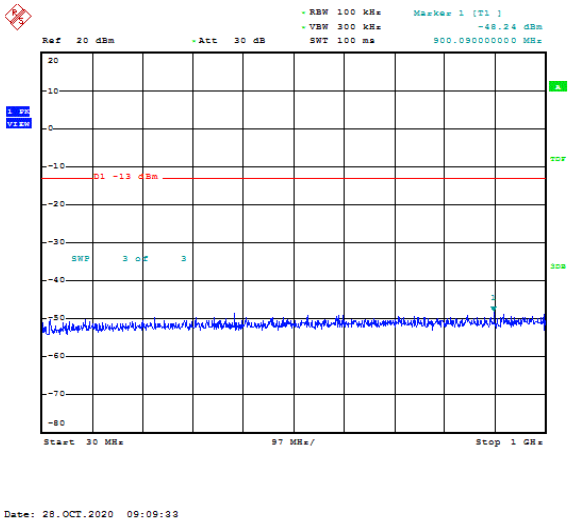
Test Result

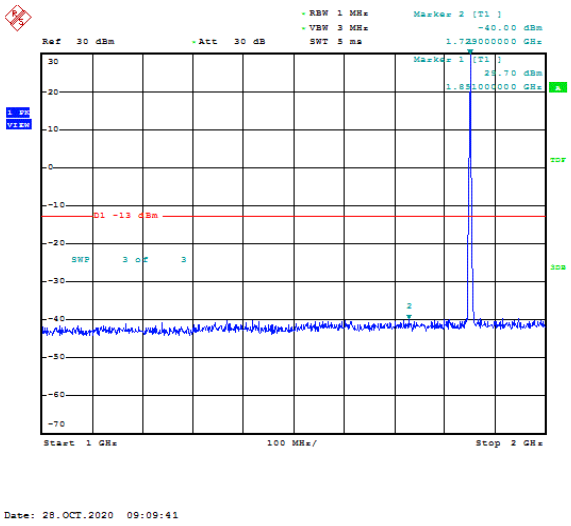
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-48.24	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~2000MHz	-40	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range3:2000~20000MHz	-22.95	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-48.57	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-39.03	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-29.33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-49.04	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~2000MHz	-39.69	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range3:2000~20000MHz	-30.03	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-48.04	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~2000MHz	-39.46	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range3:2000~20000MHz	-21.14	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-48.94	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-39.56	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-29.96	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-48.16	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~2000MHz	-39.89	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range3:2000~20000MHz	-29.64	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range1:30~1000MHz	-39.26	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range2:1000~2000MHz	-36.25	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range3:2000~20000MHz	-21.32	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-39.27	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-36.58	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-31.74	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range1:30~1000MHz	-38.85	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range2:1000~2000MHz	-36.48	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range3:2000~20000MHz	-34.14	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range1:30~1000MHz	-39.15	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range2:1000~2000MHz	-36.67	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range3:2000~20000MHz	-23.01	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-39.03	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-36.9	PASS

Band2	3MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-29.08	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range1:30~1000MHz	-38.96	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range2:1000~2000MHz	-37.09	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range3:2000~20000MHz	-34.79	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range1:30~1000MHz	-38.91	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range2:1000~2000MHz	-37.13	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range3:2000~20000MHz	-22.23	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-38.88	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-36.84	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-29.19	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range1:30~1000MHz	-39.23	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range2:1000~2000MHz	-36.99	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range3:2000~20000MHz	-34.95	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range1:30~1000MHz	-38.53	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range2:1000~2000MHz	-37.16	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range3:2000~20000MHz	-22.2	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-39.15	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-36.39	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-30.71	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range1:30~1000MHz	-38.92	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range2:1000~2000MHz	-37.12	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range3:2000~20000MHz	-36.4	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range1:30~1000MHz	-39.39	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range2:1000~2000MHz	-36.62	PASS
Band2	10MHz	QPSK	18650	1RB#0	Range3:2000~20000MHz	-22.38	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-39.34	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-37.16	PASS
Band2	10MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-29.79	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range1:30~1000MHz	-39.61	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range2:1000~2000MHz	-37.43	PASS
Band2	10MHz	QPSK	19150	1RB#0	Range3:2000~20000MHz	-34.72	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range1:30~1000MHz	-38.77	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range2:1000~2000MHz	-36.77	PASS
Band2	10MHz	16QAM	18650	1RB#0	Range3:2000~20000MHz	-21.37	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-39.21	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-36.84	PASS
Band2	10MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-29.2	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range1:30~1000MHz	-39.25	PASS

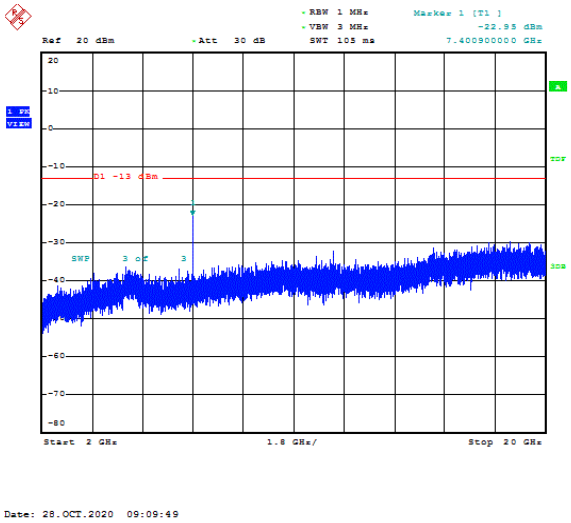
Band2	10MHz	16QAM	19150	1RB#0	Range2:1000~2000MHz	-37.3	PASS
Band2	10MHz	16QAM	19150	1RB#0	Range3:2000~20000MHz	-32.75	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range1:30~1000MHz	-39.35	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range2:1000~2000MHz	-36.19	PASS
Band2	15MHz	QPSK	18675	1RB#0	Range3:2000~20000MHz	-22.73	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-38.99	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-37.06	PASS
Band2	15MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-28.15	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range1:30~1000MHz	-39.13	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range2:1000~2000MHz	-36.67	PASS
Band2	15MHz	QPSK	19125	1RB#0	Range3:2000~20000MHz	-33.16	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range1:30~1000MHz	-39.21	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range2:1000~2000MHz	-37.07	PASS
Band2	15MHz	16QAM	18675	1RB#0	Range3:2000~20000MHz	-21.39	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-39.3	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-36.55	PASS
Band2	15MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-29.85	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range1:30~1000MHz	-39.42	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range2:1000~2000MHz	-36.22	PASS
Band2	15MHz	16QAM	19125	1RB#0	Range3:2000~20000MHz	-32.54	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-44.86	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~2000MHz	-42.09	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range3:2000~20000MHz	-21.29	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-44.3	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-41.65	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-26.42	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-43.79	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~2000MHz	-42.76	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range3:2000~20000MHz	-28.67	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-44.06	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~2000MHz	-42.76	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range3:2000~20000MHz	-25.68	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-44	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-42.85	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-25.97	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-44.01	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~2000MHz	-41.65	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range3:2000~20000MHz	-28.02	PASS

Test Graphs

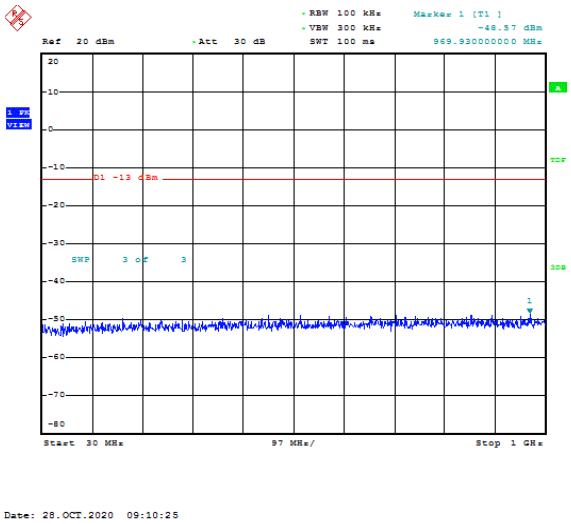
Band2-1.4MHz-QPSK-18607-1RB#0-Range1:30~1000MHz


Band2-1.4MHz-QPSK-18607-1RB#0-Range2:1000~2000MHz


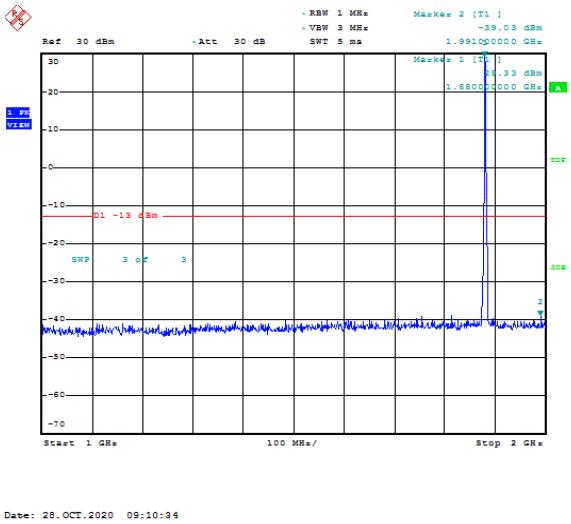
Band2-1.4MHz-QPSK-18607-1RB#0-Range3:2000~20000MHz



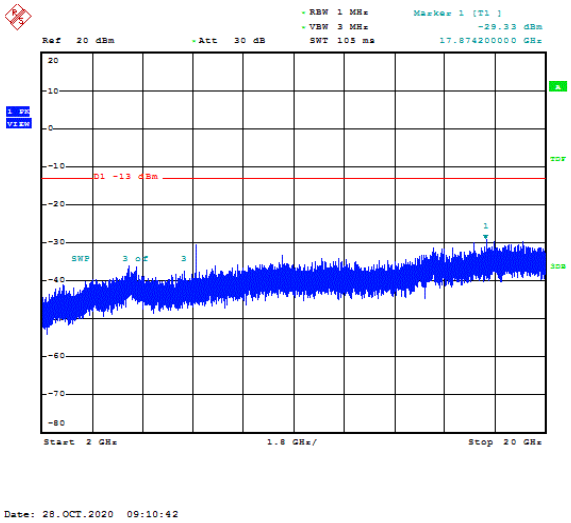
Band2-1.4MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



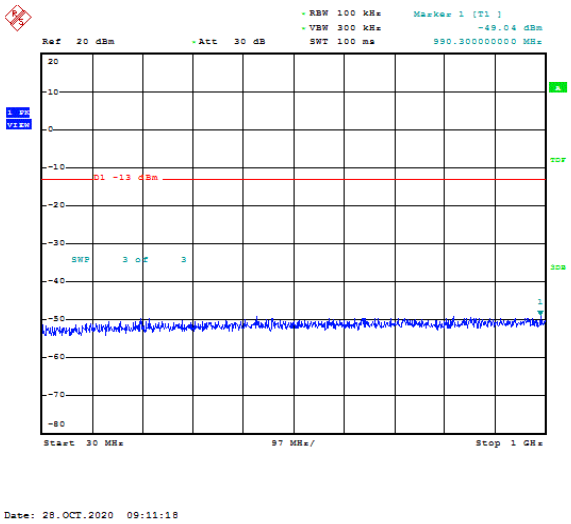
Band2-1.4MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



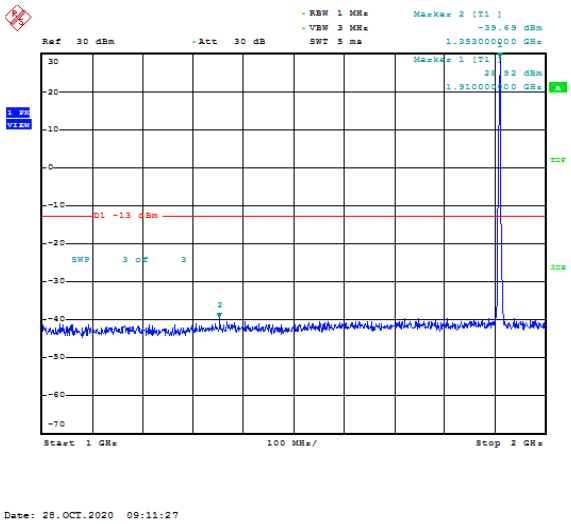
Band2-1.4MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



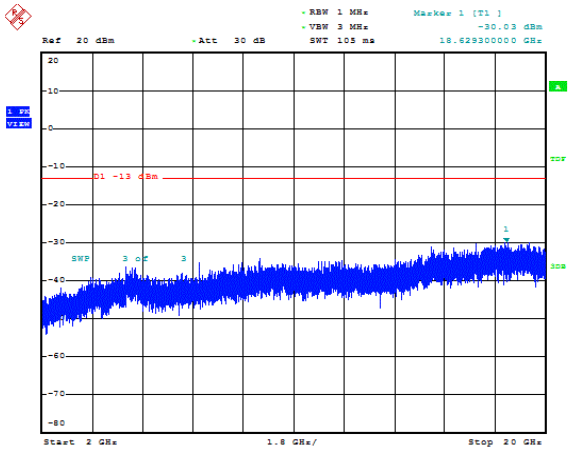
Band2-1.4MHz-QPSK-19193-1RB#0-Range1:30~1000MHz



Band2-1.4MHz-QPSK-19193-1RB#0-Range2:1000~2000MHz

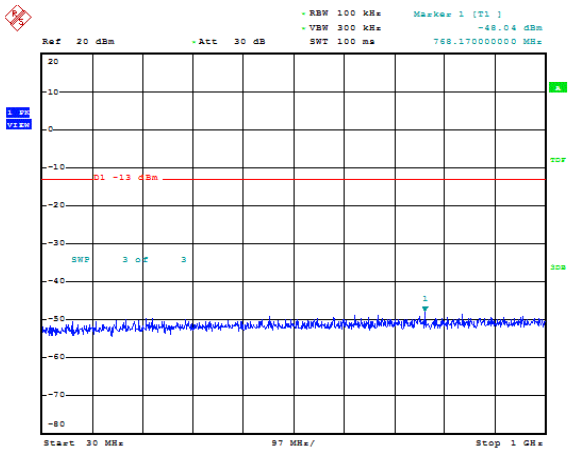


Band2-1.4MHz-QPSK-19193-1RB#0-Range3:2000~20000MHz



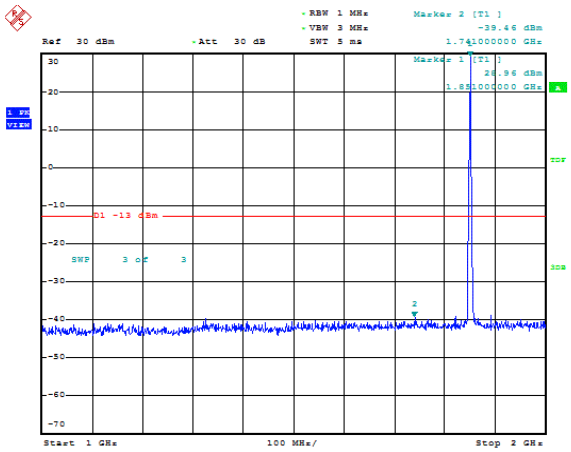
Date: 28.OCT.2020 09:11:35

Band2-1.4MHz-16QAM-18607-1RB#0-Range1:30~1000MHz



Date: 28.OCT.2020 09:09:58

Band2-1.4MHz-16QAM-18607-1RB#0-Range2:1000~2000MHz



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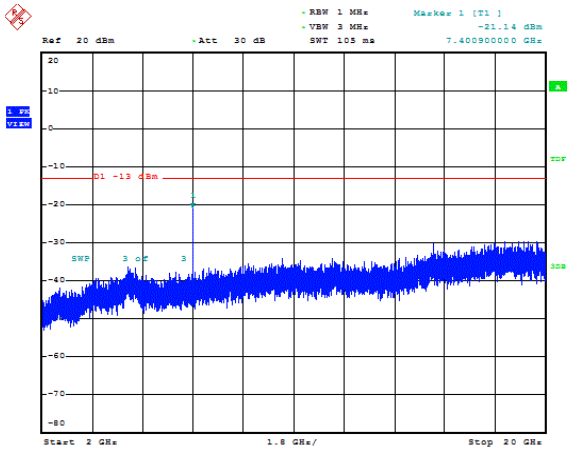
Band2-1.4MHz-16QAM-18607-1RB#0-Range3:2000~20000MHz



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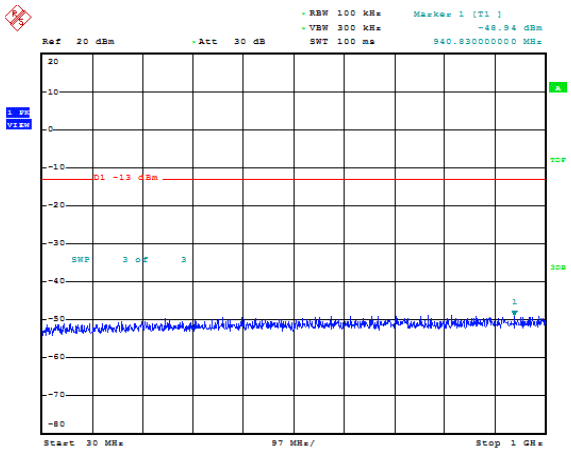
Band2-1.4MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



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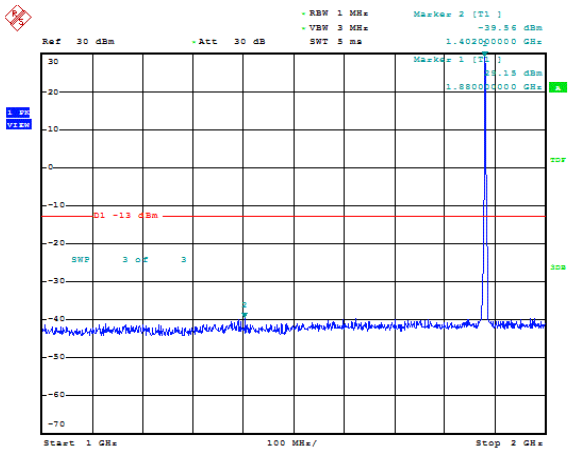
Band2-1.4MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



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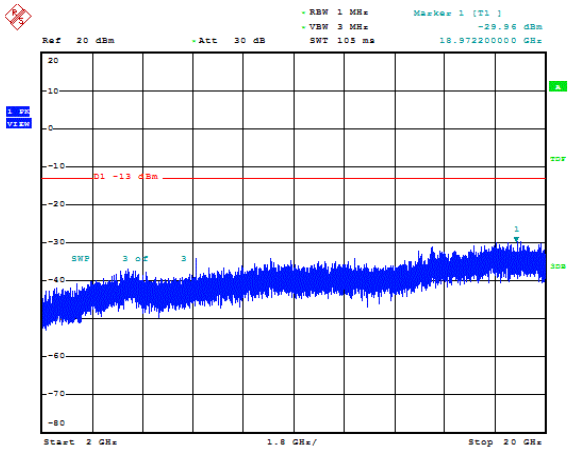
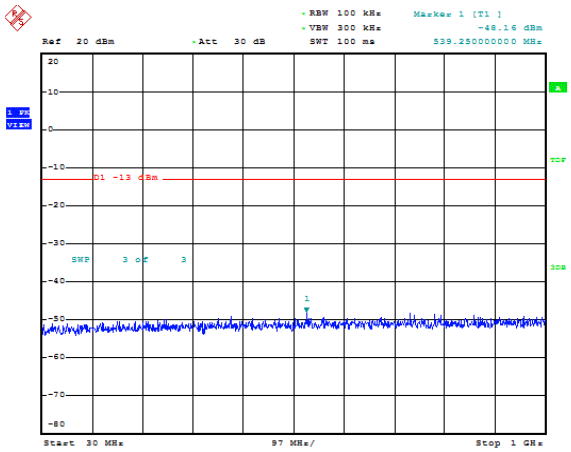
Band2-1.4MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



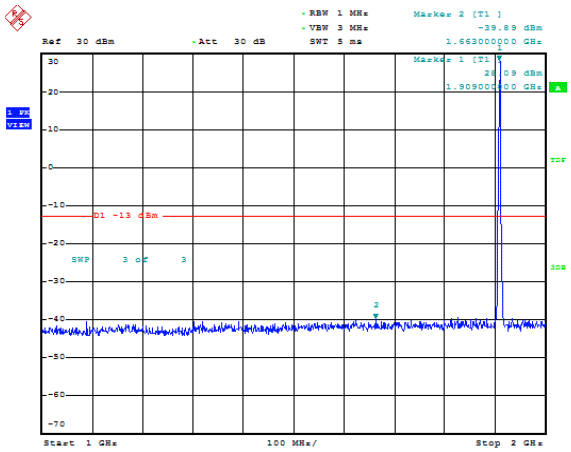
Date: 28.OCT.2020 09:11:07

Band2-1.4MHz-16QAM-19193-1RB#0-Range1:30~1000MHz



Date: 28.OCT.2020 09:11:44

Band2-1.4MHz-16QAM-19193-1RB#0-Range2:1000~2000MHz



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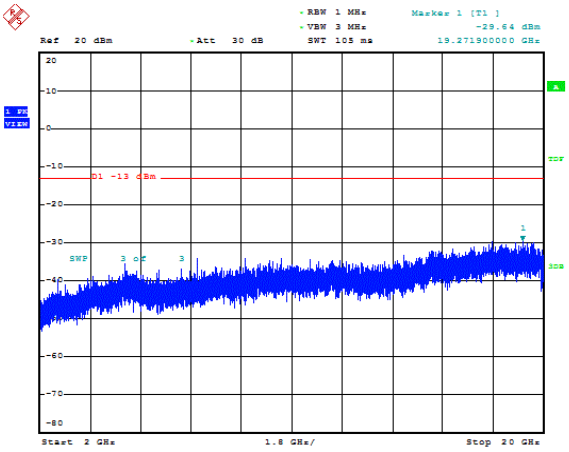
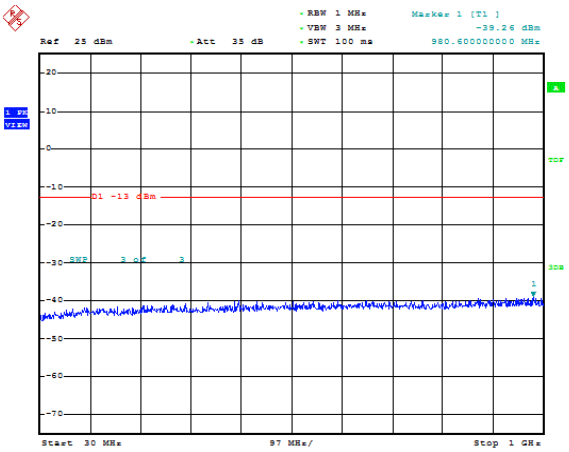
Band2-1.4MHz-16QAM-19193-1RB#0-Range3:2000~20000MHz



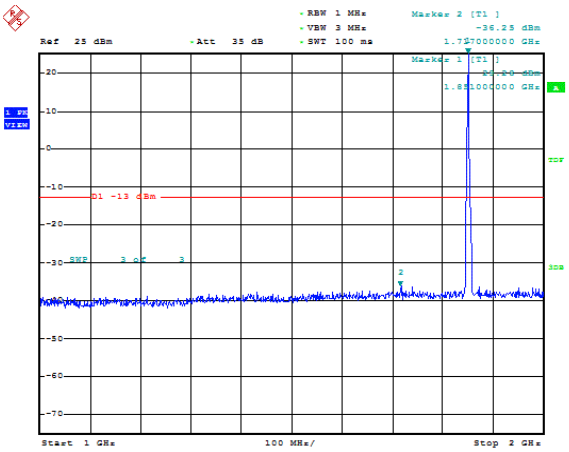
Date: 28.OCT.2020 09:12:00

Band2-3MHz-QPSK-18615-1RB#0-Range1:30~1000MHz



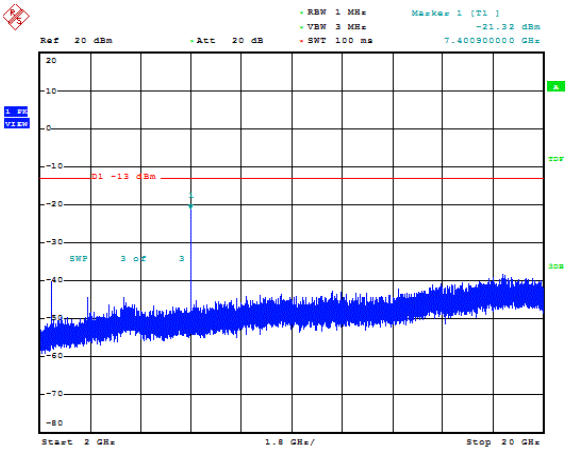
Date: 27.OCT.2020 20:36:58

Band2-3MHz-QPSK-18615-1RB#0-Range2:1000~2000MHz



Date: 27.OCT.2020 20:37:07

Band2-3MHz-QPSK-18615-1RB#0-Range3:2000~20000MHz



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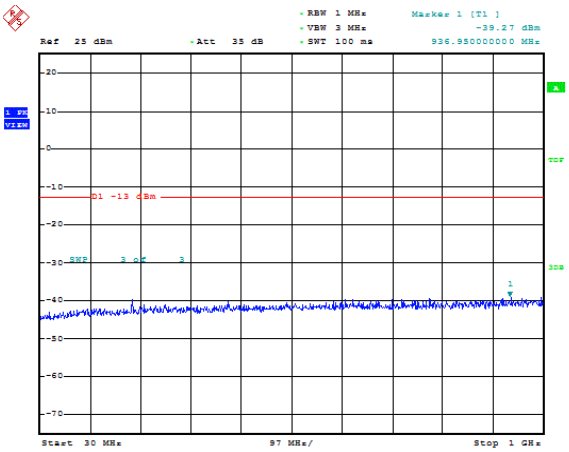
Band2-3MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



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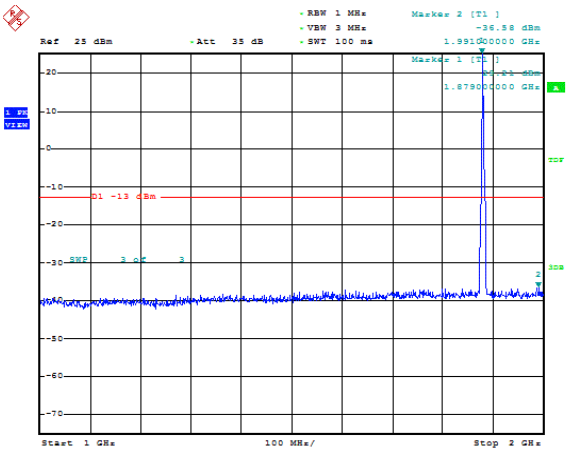
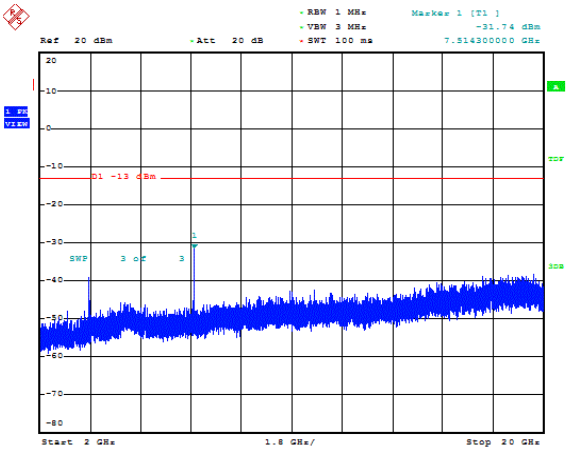
Band2-3MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



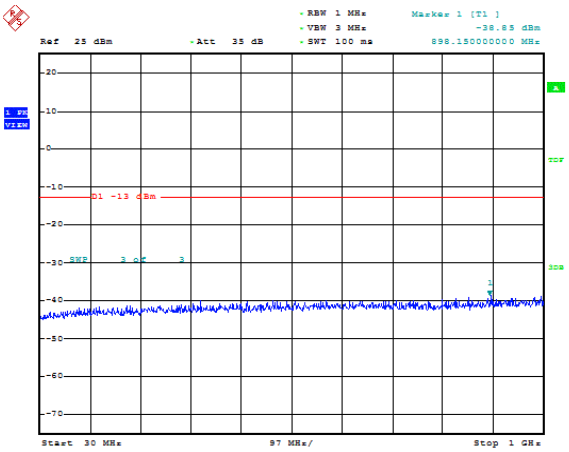
Date: 27.OCT.2020 20:37:59

Band2-3MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



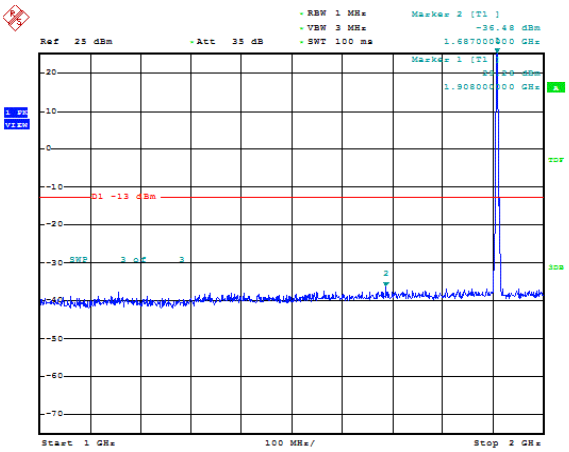
Date: 27.OCT.2020 20:38:07

Band2-3MHz-QPSK-19185-1RB#0-Range1:30~1000MHz



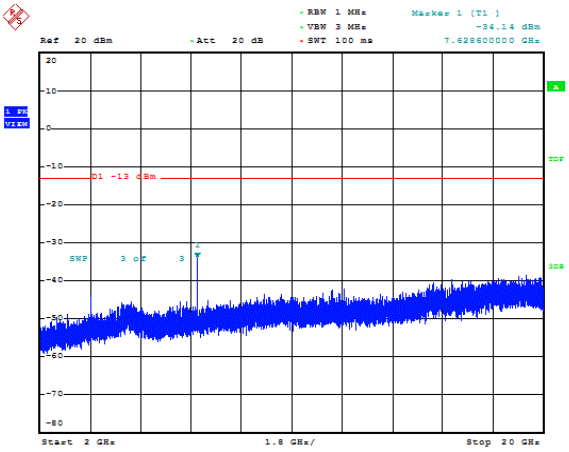
Date: 27.OCT.2020 20:38:44

Band2-3MHz-QPSK-19185-1RB#0-Range2:1000~2000MHz



Date: 27.OCT.2020 20:38:52

Band2-3MHz-QPSK-19185-1RB#0-Range3:2000~20000MHz



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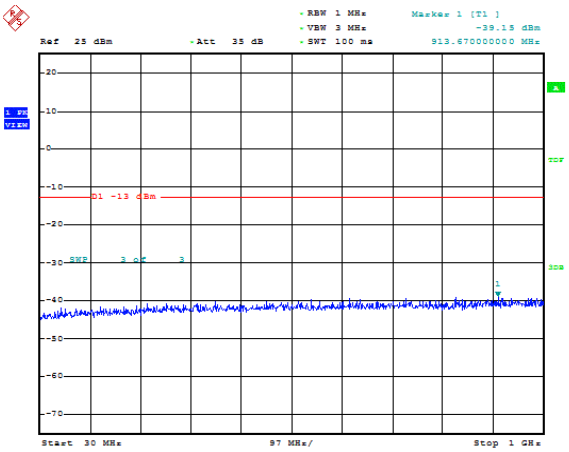
Band2-3MHz-16QAM-18615-1RB#0-Range1:30~1000MHz



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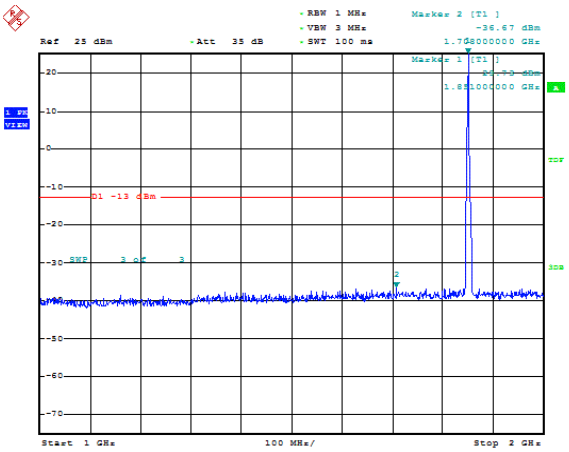
Band2-3MHz-16QAM-18615-1RB#0-Range2:1000~2000MHz



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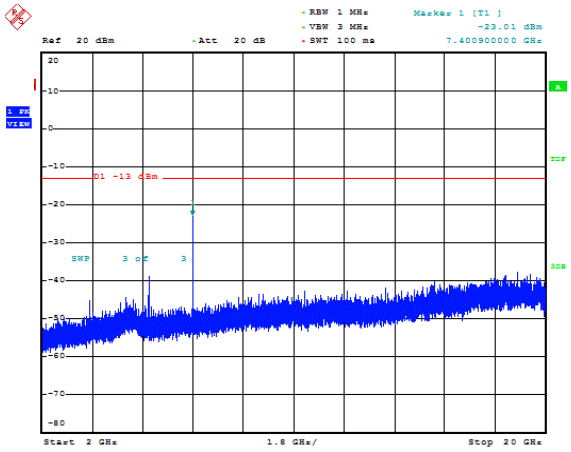
Band2-3MHz-16QAM-18615-1RB#0-Range3:2000~20000MHz



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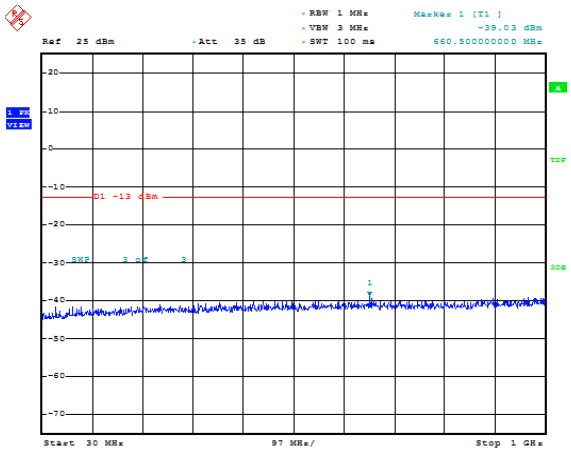
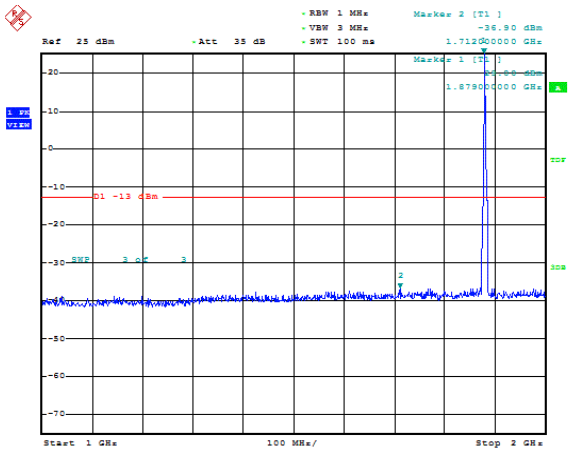
Band2-3MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



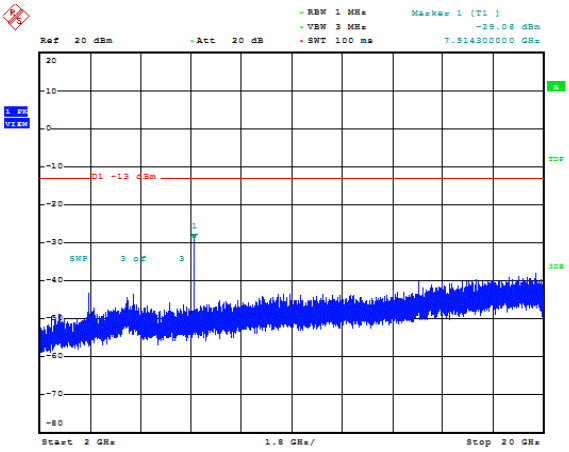
Date: 27.OCT.2020 20:38:16

Band2-3MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



Date: 27.OCT.2020 20:38:24

Band2-3MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



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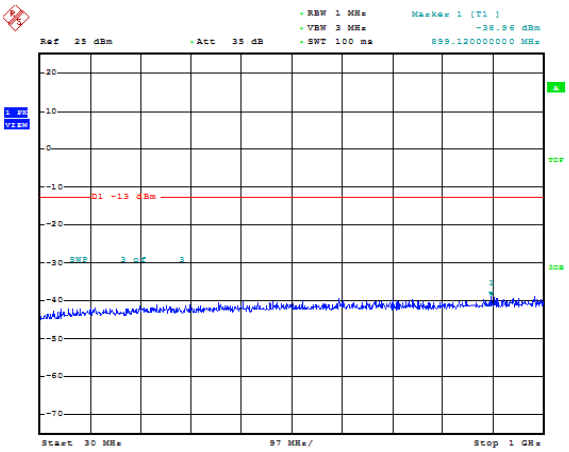
Band2-3MHz-16QAM-19185-1RB#0-Range1:30~1000MHz



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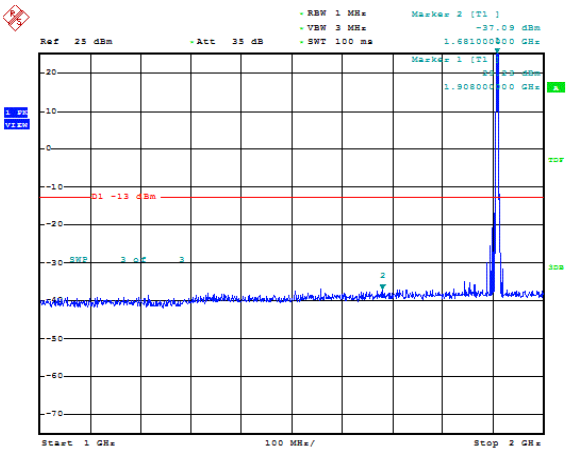
Band2-3MHz-16QAM-19185-1RB#0-Range2:1000~2000MHz



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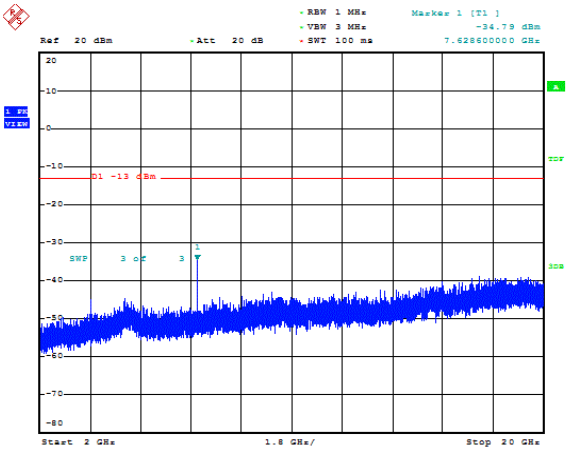
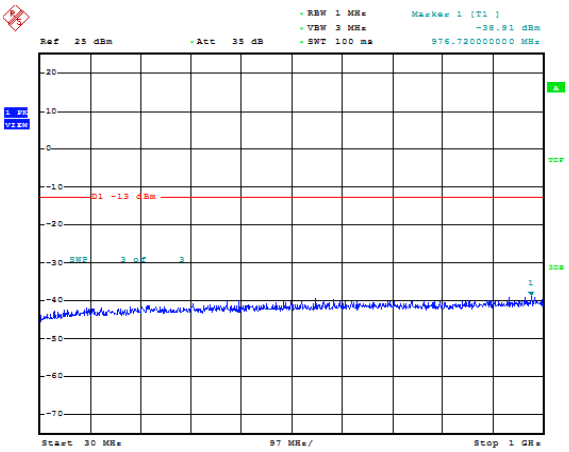
Band2-3MHz-16QAM-19185-1RB#0-Range3:2000~20000MHz



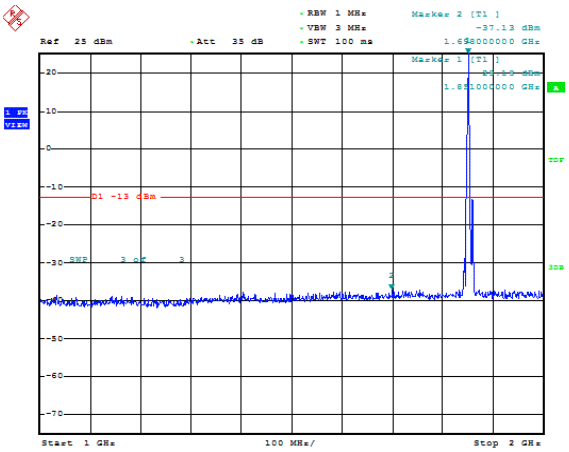
Date: 27.OCT.2020 20:39:25

Band2-5MHz-QPSK-18625-1RB#0-Range1:30~1000MHz



Date: 27.OCT.2020 20:55:25

Band2-5MHz-QPSK-18625-1RB#0-Range2:1000~2000MHz



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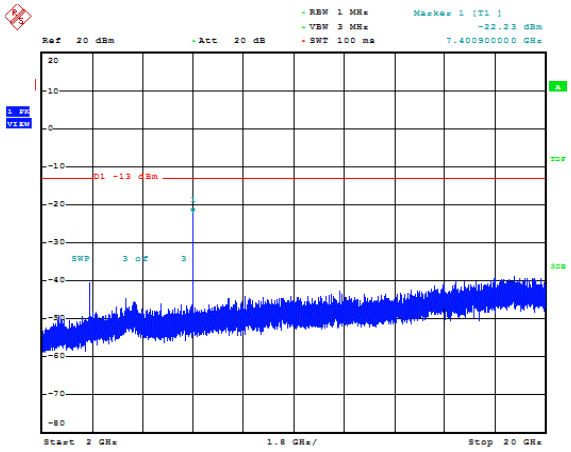
Band2-5MHz-QPSK-18625-1RB#0-Range3:2000~20000MHz



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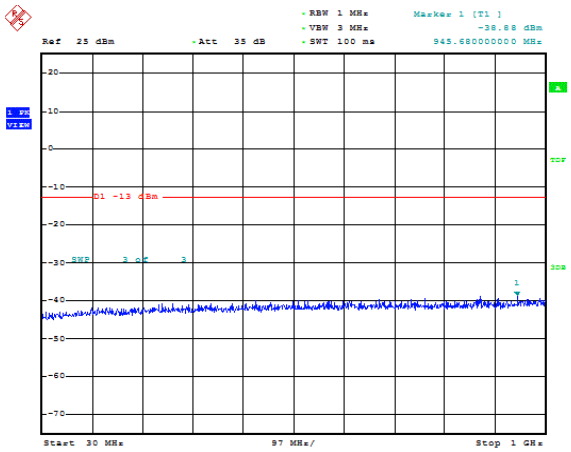

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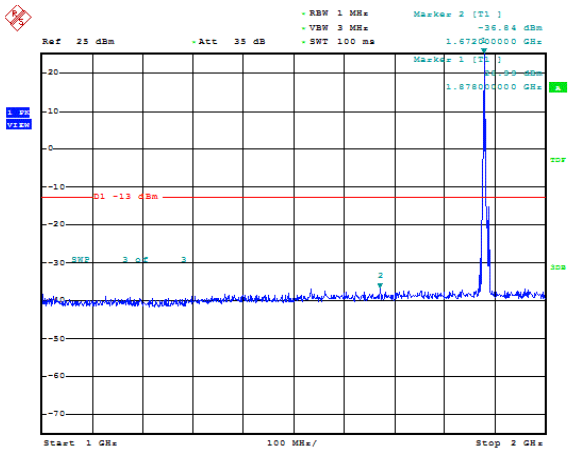
Band2-5MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



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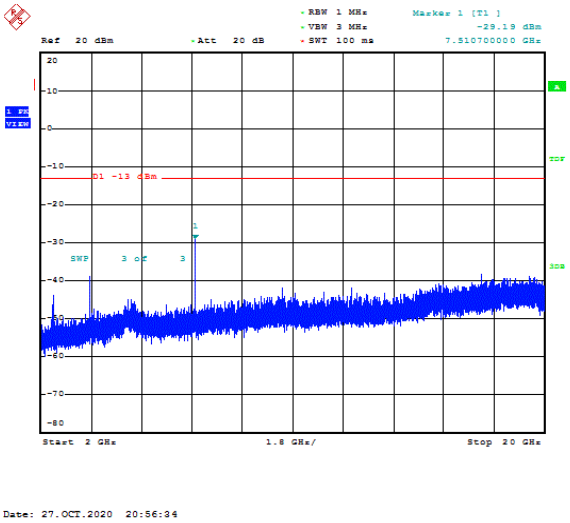
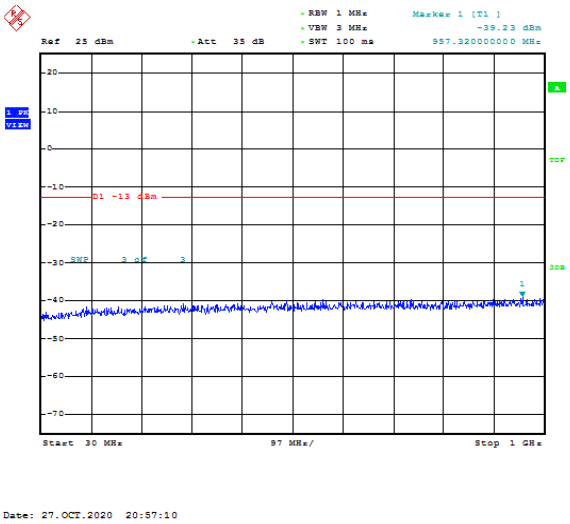
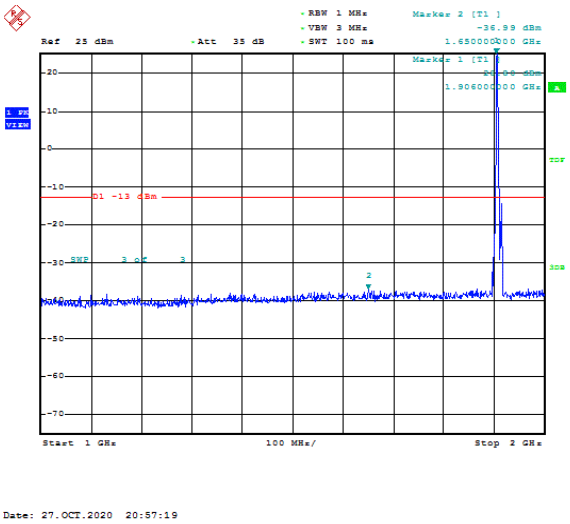
Band2-5MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



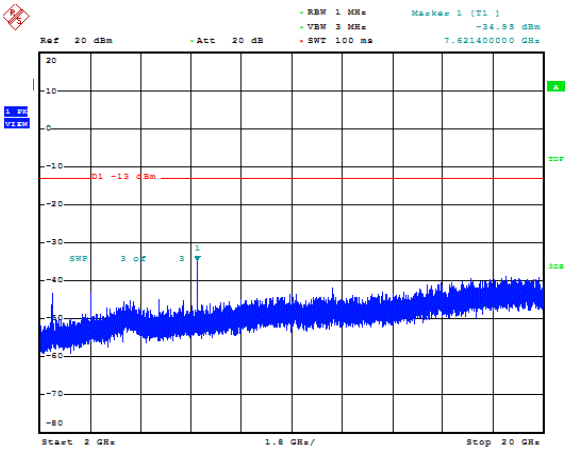
Band2-5MHz-QPSK-19175-1RB#0-Range1:30~1000MHz



Band2-5MHz-QPSK-19175-1RB#0-Range2:1000~2000MHz

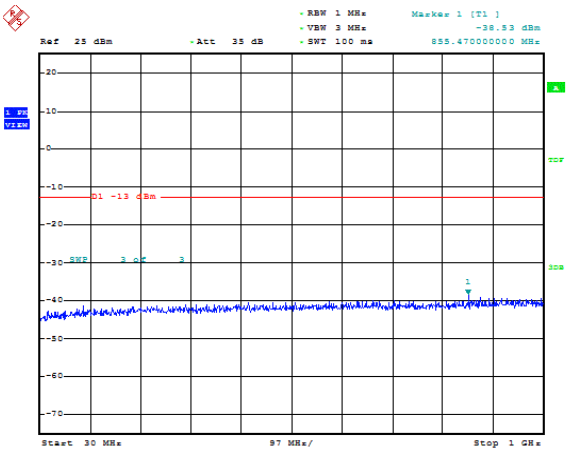


Band2-5MHz-QPSK-19175-1RB#0-Range3:2000~20000MHz



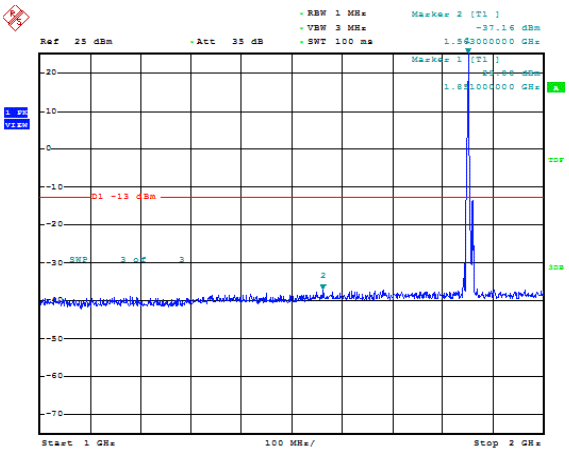
Date: 27.OCT.2020 20:57:27

Band2-5MHz-16QAM-18625-1RB#0-Range1:30~1000MHz



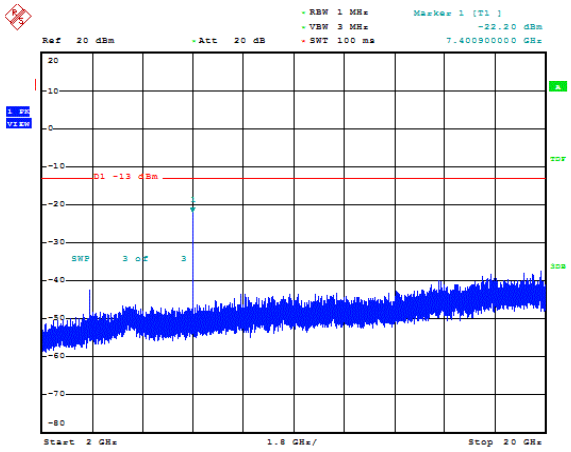
Date: 27.OCT.2020 20:55:50

Band2-5MHz-16QAM-18625-1RB#0-Range2:1000~2000MHz



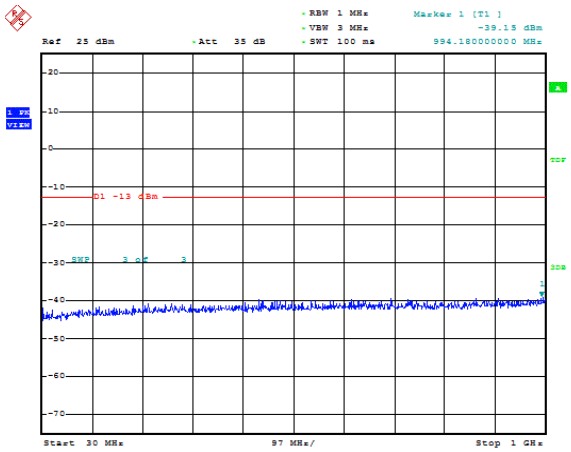
Date: 27.OCT.2020 20:55:58

Band2-5MHz-16QAM-18625-1RB#0-Range3:2000~20000MHz



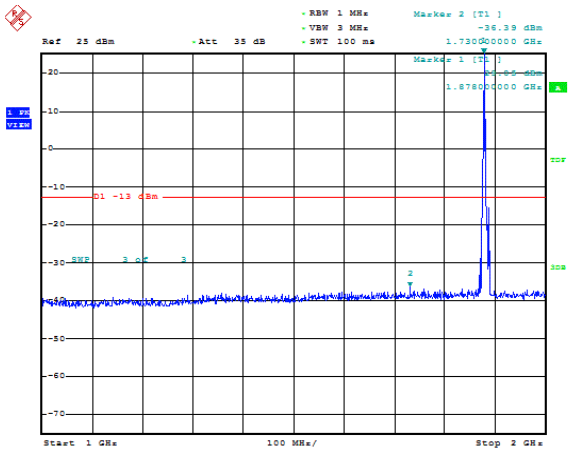
Date: 27.OCT.2020 20:56:06

Band2-5MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



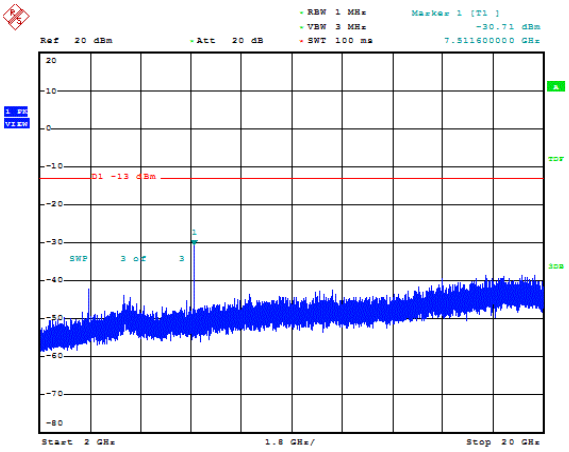
Date: 27.OCT.2020 20:56:43

Band2-5MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



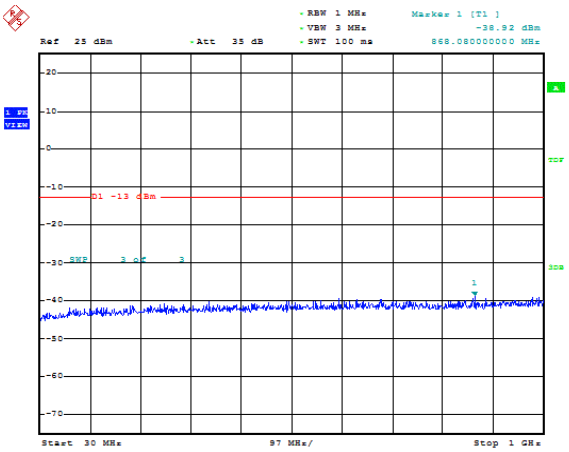
Date: 27.OCT.2020 20:56:51

Band2-5MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



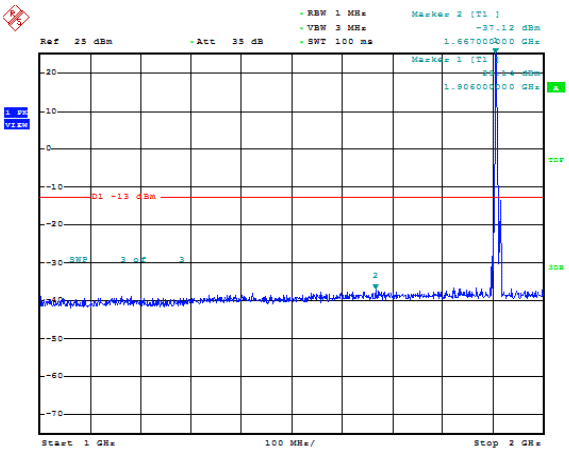
Date: 27.OCT.2020 20:56:59

Band2-5MHz-16QAM-19175-1RB#0-Range1:30~1000MHz



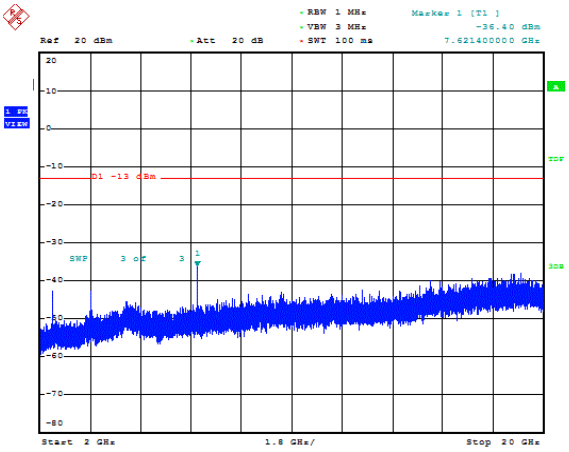
Date: 27.OCT.2020 20:57:36

Band2-5MHz-16QAM-19175-1RB#0-Range2:1000~2000MHz



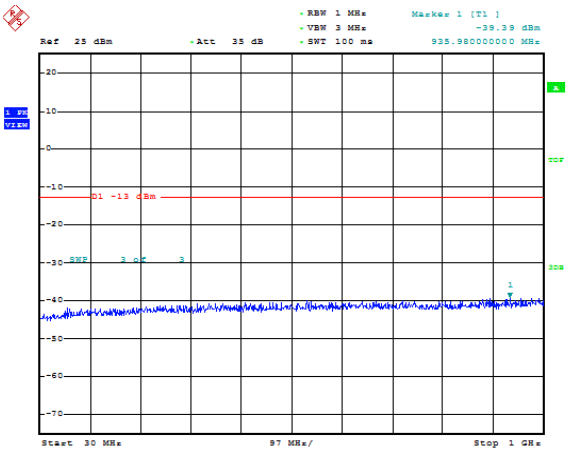
Date: 27.OCT.2020 20:57:44

Band2-5MHz-16QAM-19175-1RB#0-Range3:2000~20000MHz



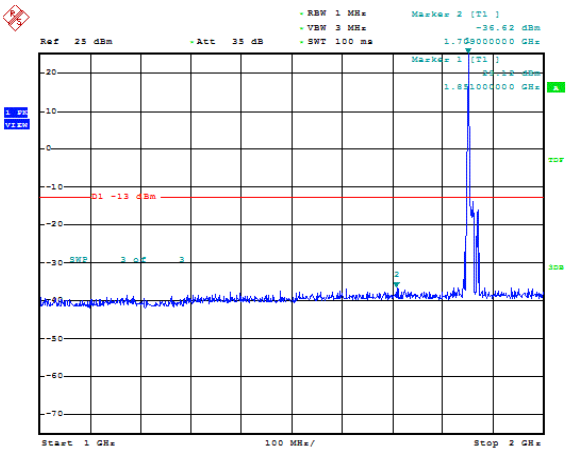
Date: 27.OCT.2020 20:57:52

Band2-10MHz-QPSK-18650-1RB#0-Range1:30~1000MHz



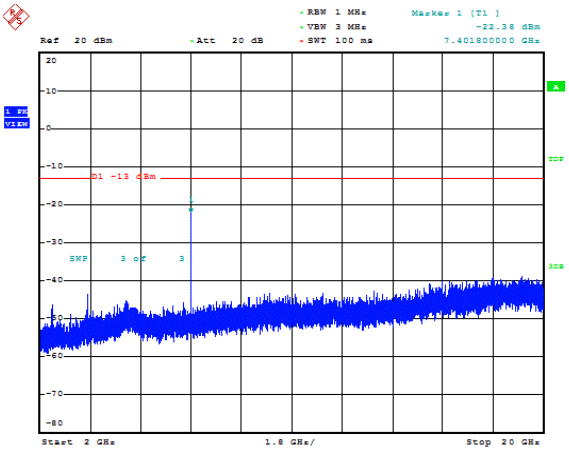
Date: 27.OCT.2020 21:13:27

Band2-10MHz-QPSK-18650-1RB#0-Range2:1000~2000MHz



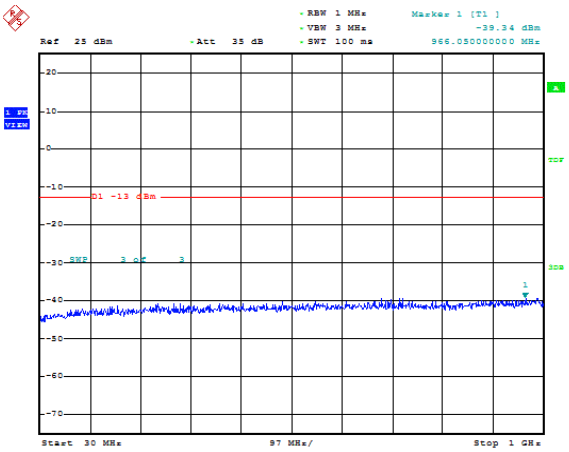
Date: 27.OCT.2020 21:13:35

Band2-10MHz-QPSK-18650-1RB#0-Range3:2000~20000MHz



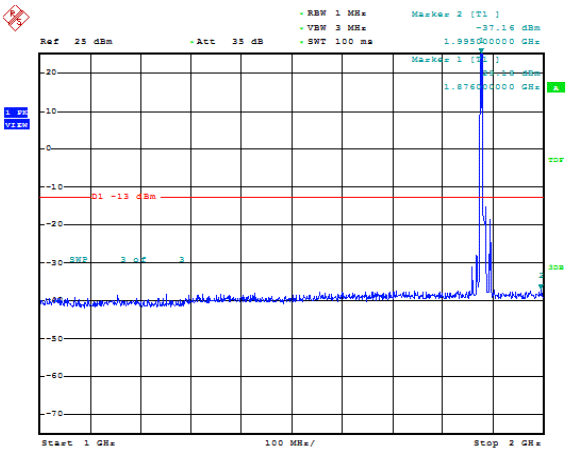
Date: 27.OCT.2020 21:13:43

Band2-10MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



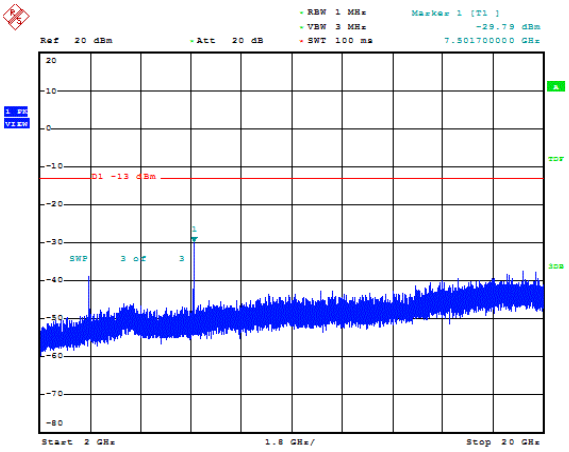
Date: 27.OCT.2020 21:14:20

Band2-10MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



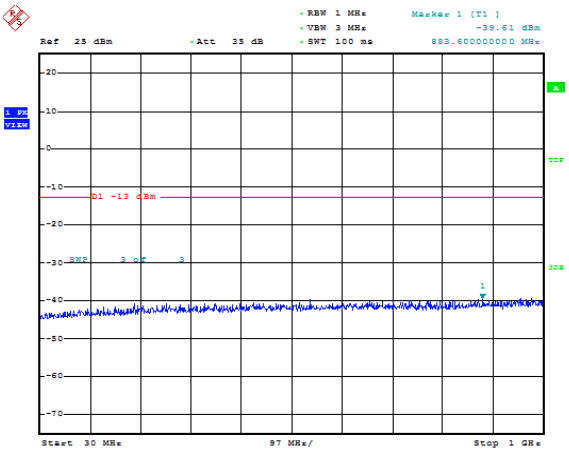
Date: 27.OCT.2020 21:14:28

Band2-10MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



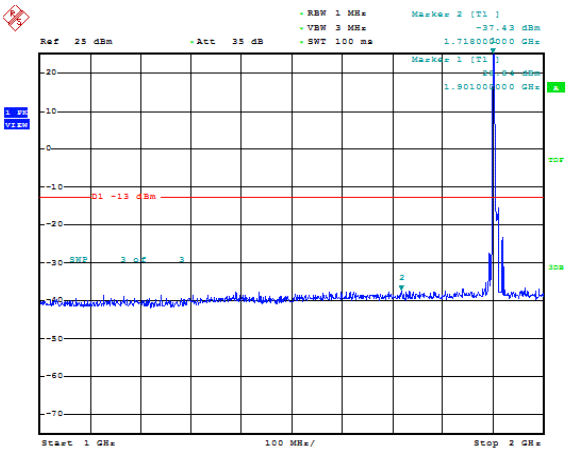
Date: 27.OCT.2020 21:14:36

Band2-10MHz-QPSK-19150-1RB#0-Range1:30~1000MHz



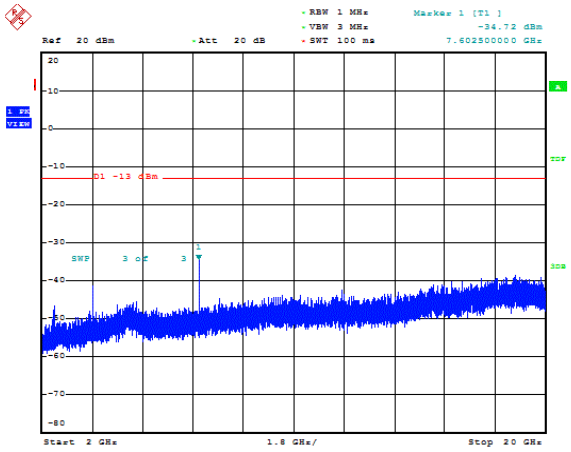
Date: 27.OCT.2020 21:15:13

Band2-10MHz-QPSK-19150-1RB#0-Range2:1000~2000MHz



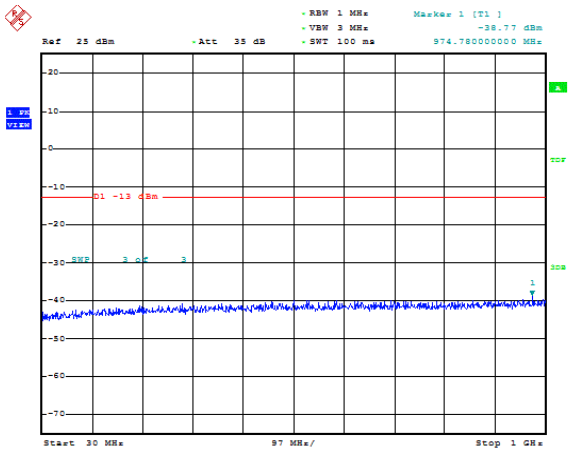
Date: 27.OCT.2020 21:15:21

Band2-10MHz-QPSK-19150-1RB#0-Range3:2000~20000MHz



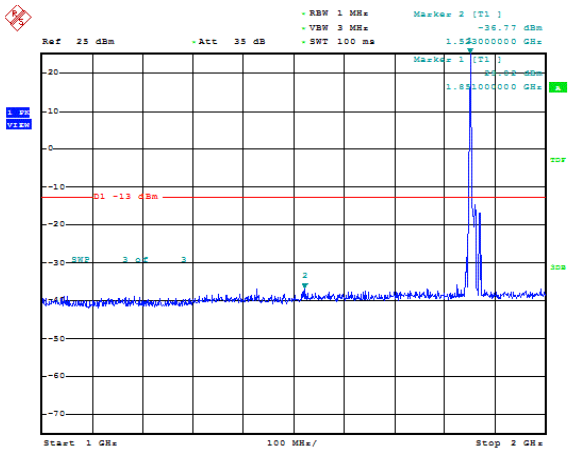
Date: 27.OCT.2020 21:15:29

Band2-10MHz-16QAM-18650-1RB#0-Range1:30~1000MHz



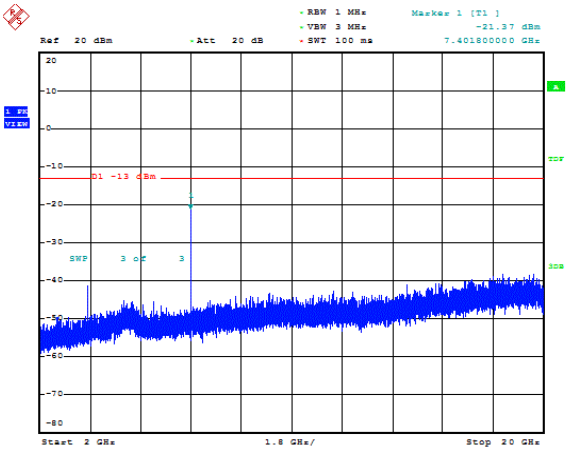
Date: 27.OCT.2020 21:13:52

Band2-10MHz-16QAM-18650-1RB#0-Range2:1000~2000MHz



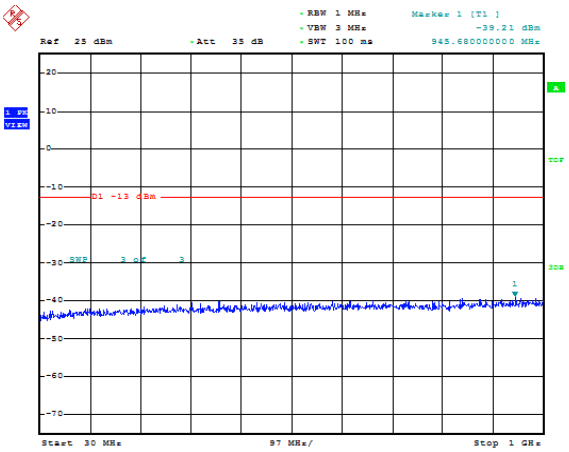
Date: 27.OCT.2020 21:14:01

Band2-10MHz-16QAM-18650-1RB#0-Range3:2000~20000MHz



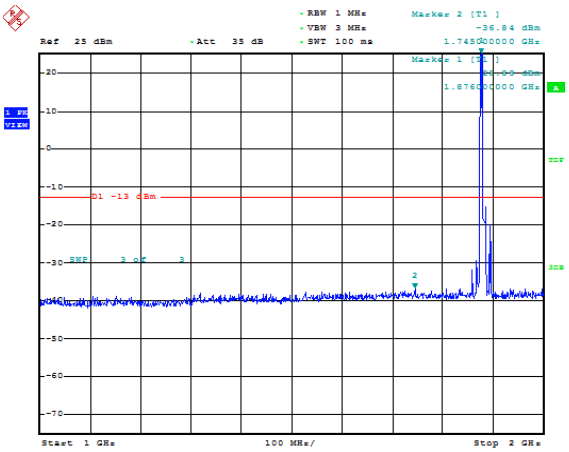
Date: 27.OCT.2020 21:14:09

Band2-10MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



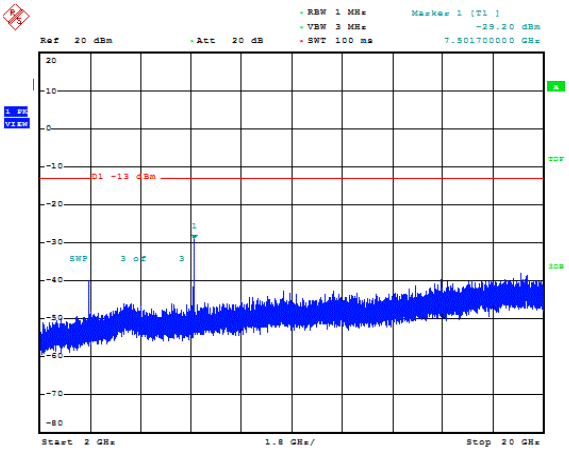
Date: 27.OCT.2020 21:14:45

Band2-10MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



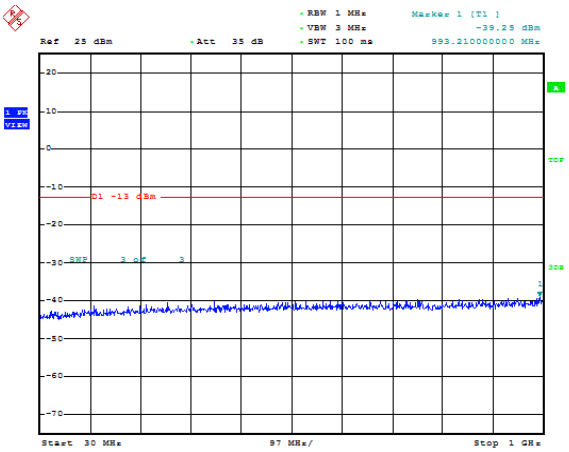
Date: 27.OCT.2020 21:14:54

Band2-10MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



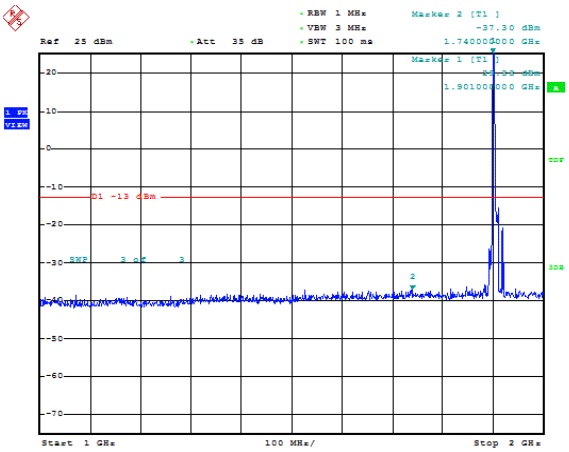
Date: 27.OCT.2020 21:15:02

Band2-10MHz-16QAM-19150-1RB#0-Range1:30~1000MHz



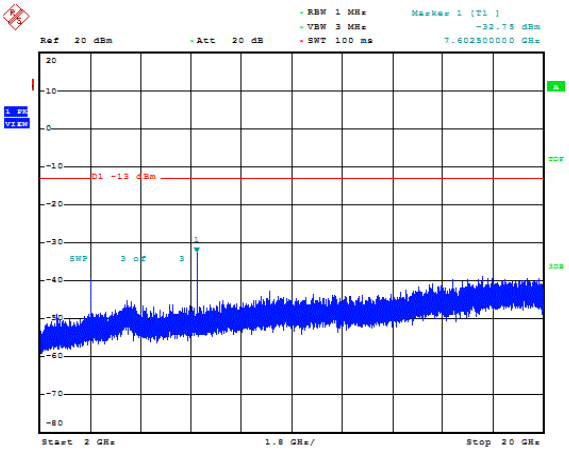
Date: 27.OCT.2020 21:15:38

Band2-10MHz-16QAM-19150-1RB#0-Range2:1000~2000MHz



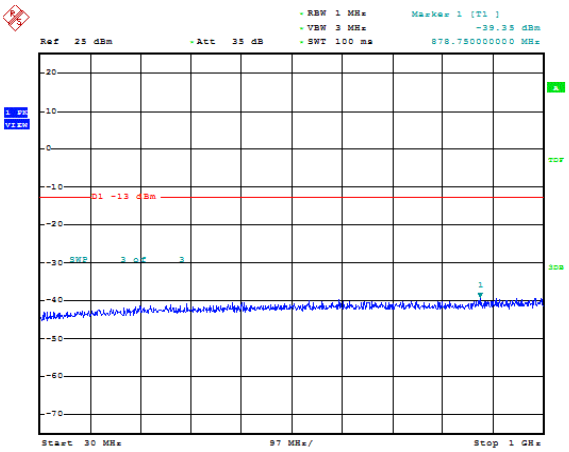
Date: 27.OCT.2020 21:15:46

Band2-10MHz-16QAM-19150-1RB#0-Range3:2000~20000MHz



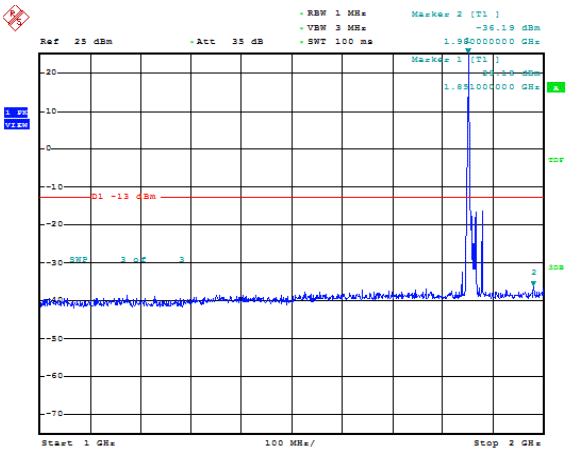
Date: 27.OCT.2020 21:15:54

Band2-15MHz-QPSK-18675-1RB#0-Range1:30~1000MHz



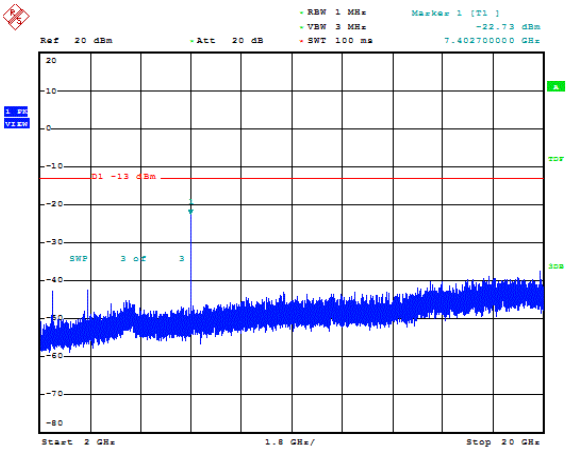
Date: 27.OCT.2020 21:31:57

Band2-15MHz-QPSK-18675-1RB#0-Range2:1000~2000MHz



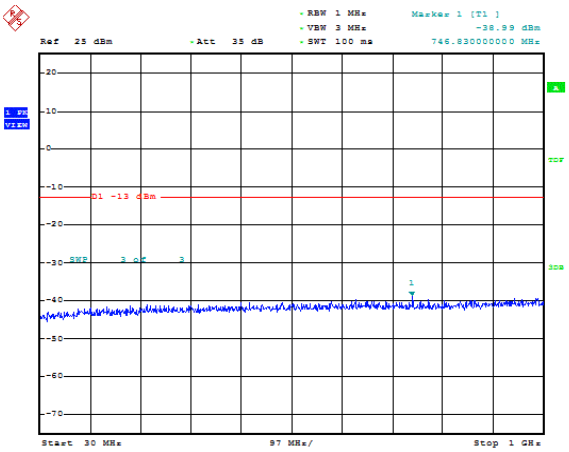
Date: 27.OCT.2020 21:32:05

Band2-15MHz-QPSK-18675-1RB#0-Range3:2000~20000MHz



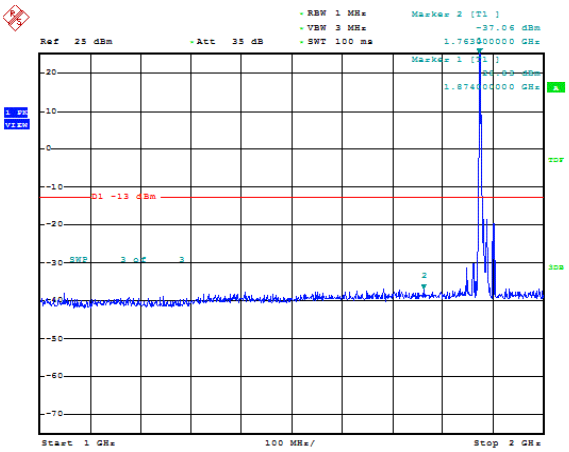
Date: 27.OCT.2020 21:32:13

Band2-15MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



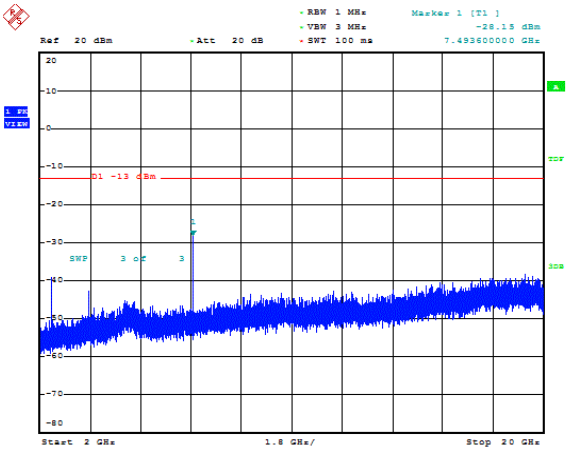
Date: 27.OCT.2020 21:32:50

Band2-15MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



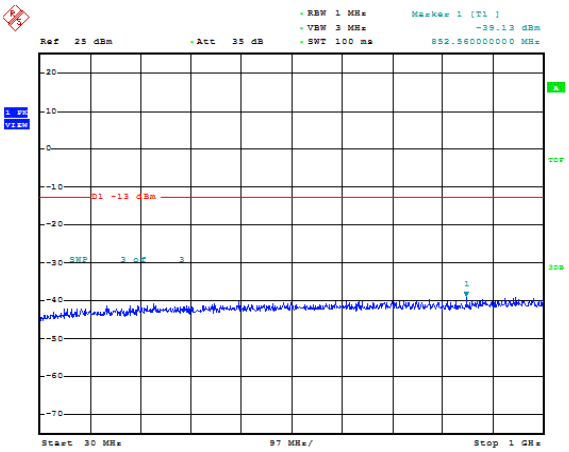
Date: 27.OCT.2020 21:32:58

Band2-15MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



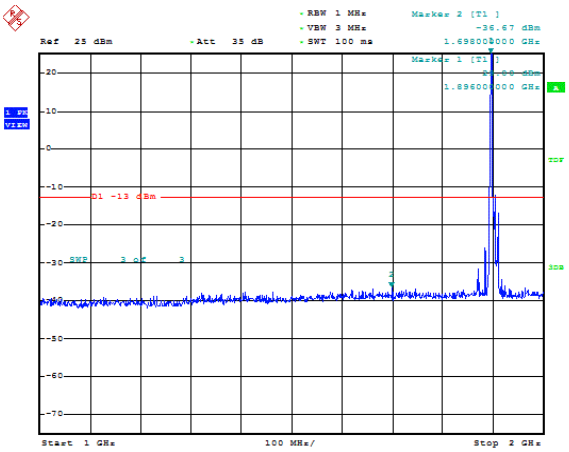
Date: 27.OCT.2020 21:33:06

Band2-15MHz-QPSK-19125-1RB#0-Range1:30~1000MHz



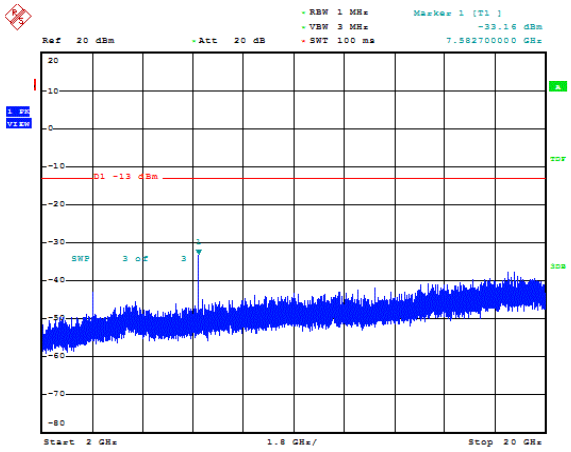
Date: 27.OCT.2020 21:33:42

Band2-15MHz-QPSK-19125-1RB#0-Range2:1000~2000MHz



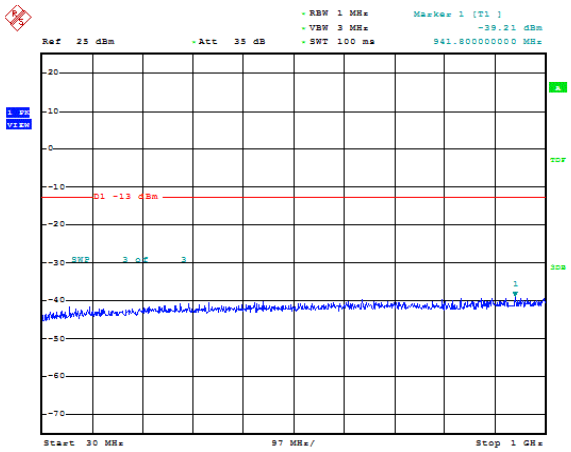
Date: 27.OCT.2020 21:33:50

Band2-15MHz-QPSK-19125-1RB#0-Range3:2000~20000MHz



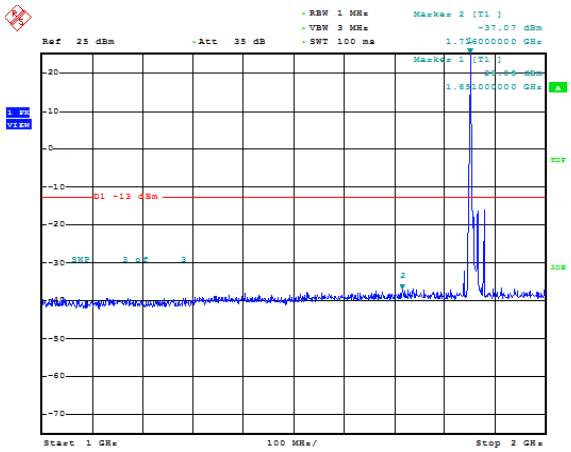
Date: 27.OCT.2020 21:33:59

Band2-15MHz-16QAM-18675-1RB#0-Range1:30~1000MHz



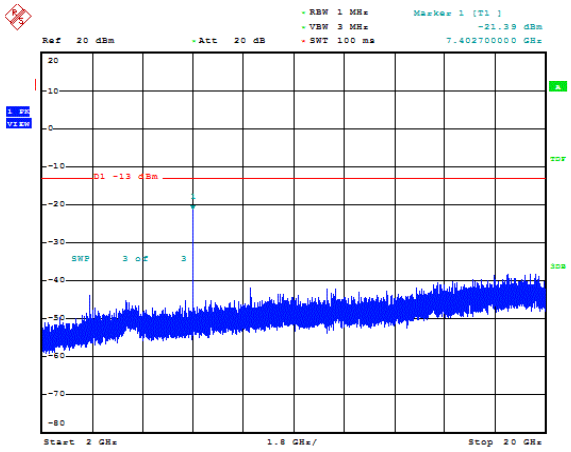
Date: 27.OCT.2020 21:32:22

Band2-15MHz-16QAM-18675-1RB#0-Range2:1000~2000MHz



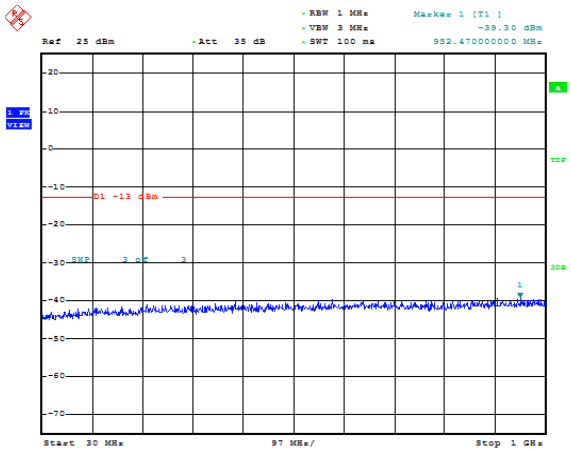
Date: 27.OCT.2020 21:32:30

Band2-15MHz-16QAM-18675-1RB#0-Range3:2000~20000MHz



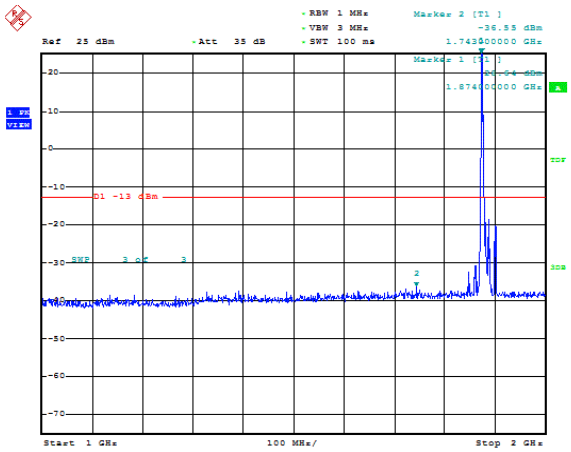
Date: 27.OCT.2020 21:32:38

Band2-15MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



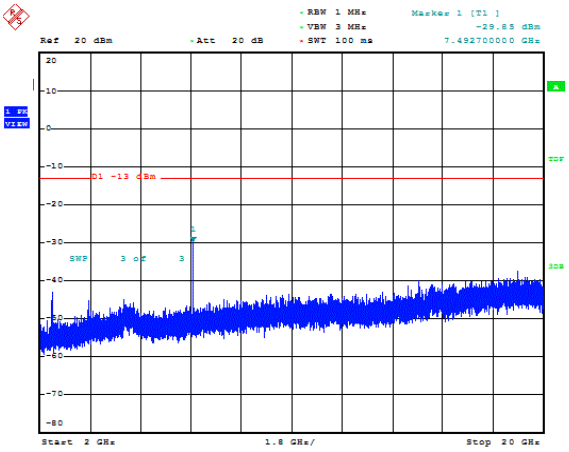
Date: 27.OCT.2020 21:33:15

Band2-15MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



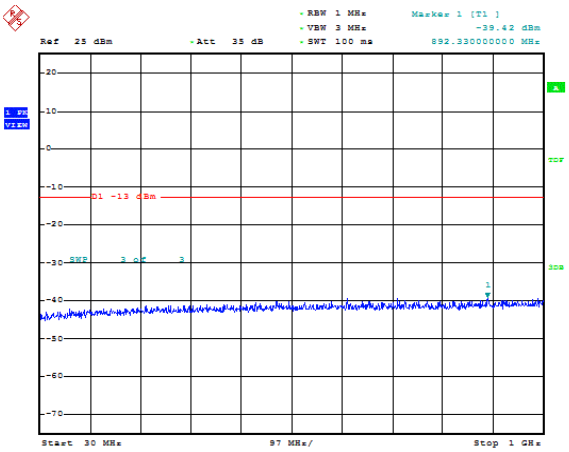
Date: 27.OCT.2020 21:33:23

Band2-15MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



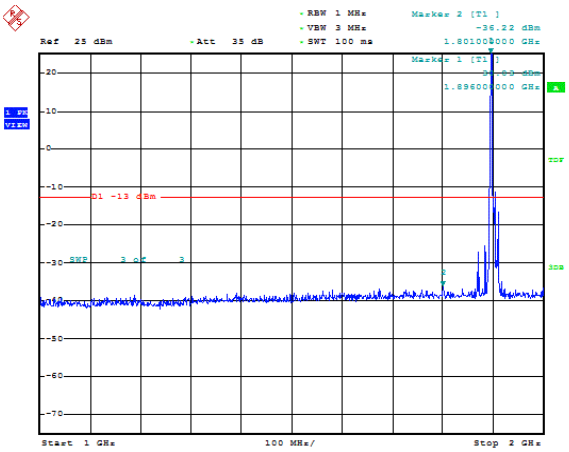
Date: 27.OCT.2020 21:33:31

Band2-15MHz-16QAM-19125-1RB#0-Range1:30~1000MHz



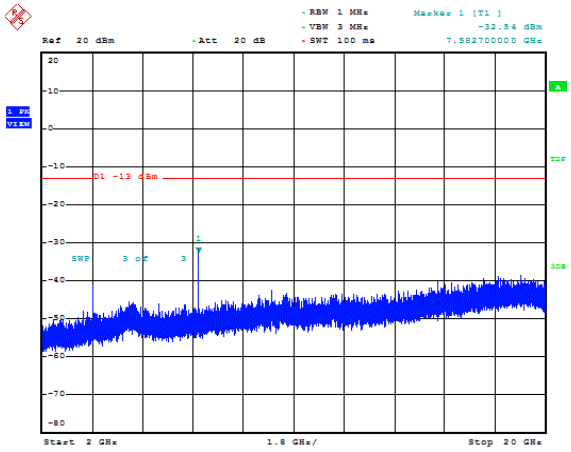
Date: 27.OCT.2020 21:34:07

Band2-15MHz-16QAM-19125-1RB#0-Range2:1000~2000MHz



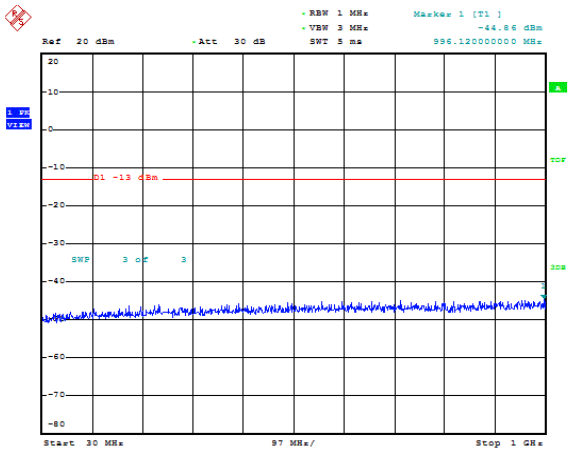
Date: 27.OCT.2020 21:34:16

Band2-15MHz-16QAM-19125-1RB#0-Range3:2000~20000MHz



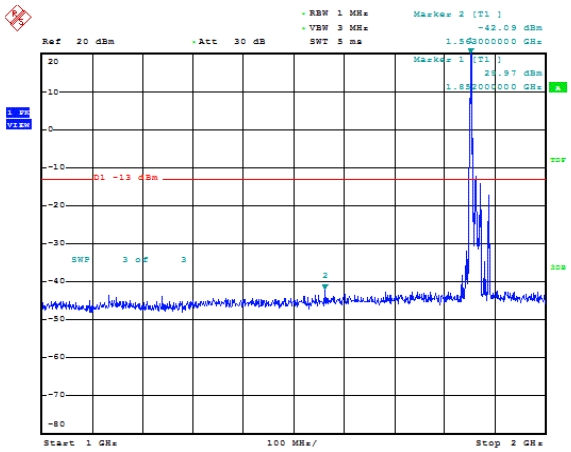
Date: 27.OCT.2020 21:34:24

Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz



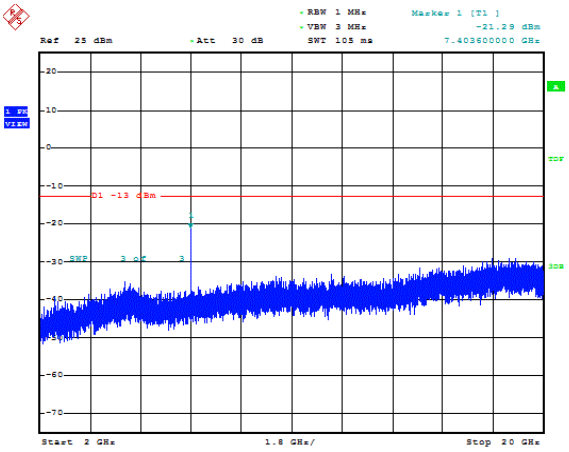
Date: 28.OCT.2020 08:44:11

Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~2000MHz



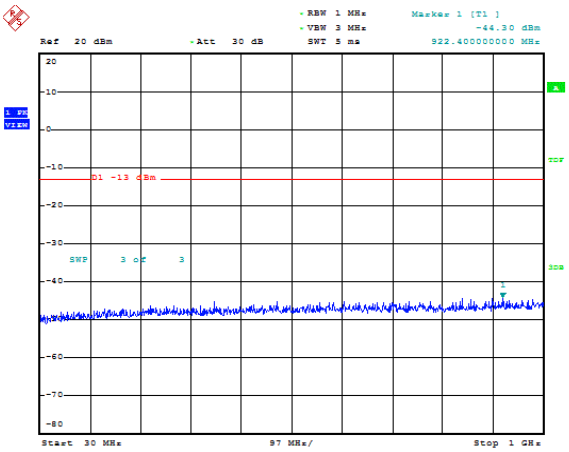
Date: 28.OCT.2020 08:44:19

Band2-20MHz-QPSK-18700-1RB#0-Range3:2000~20000MHz



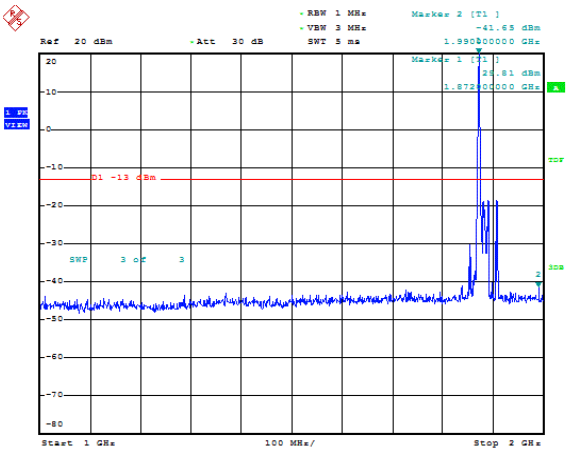
Date: 28.OCT.2020 08:44:27

Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



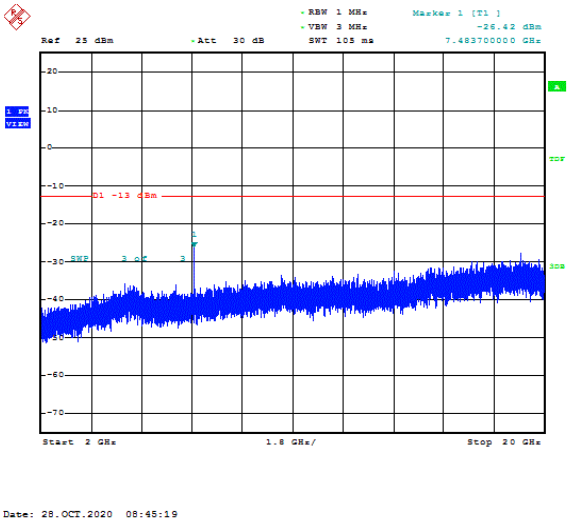
Date: 28.OCT.2020 08:45:03

Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz

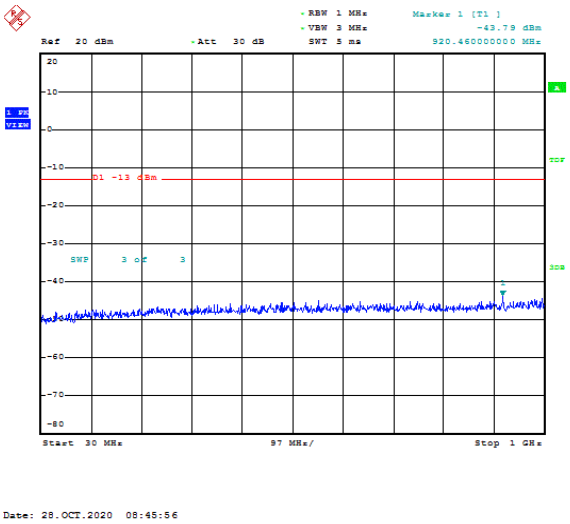


Date: 28.OCT.2020 08:45:11

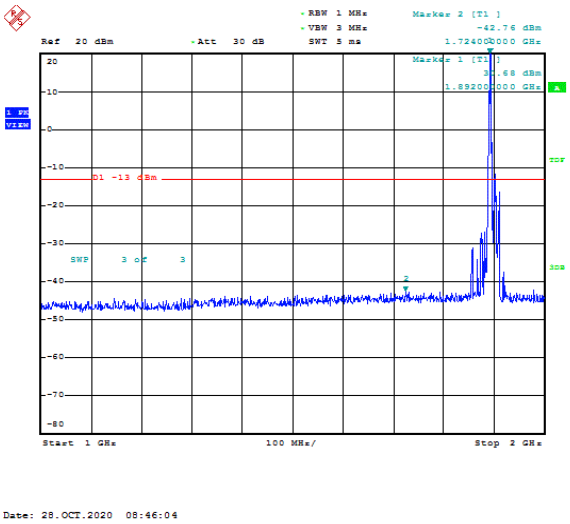
Band2-20MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



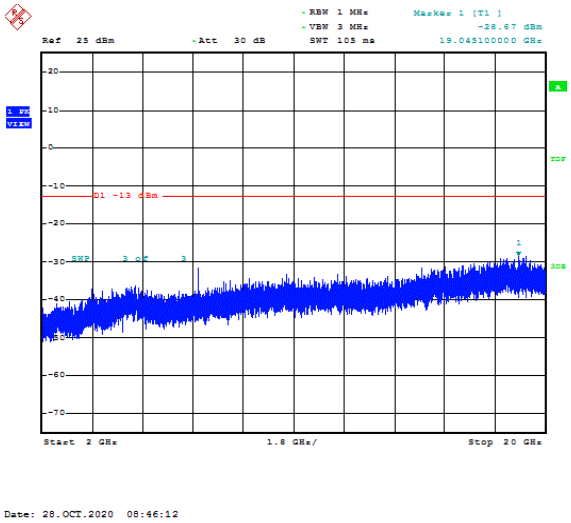
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



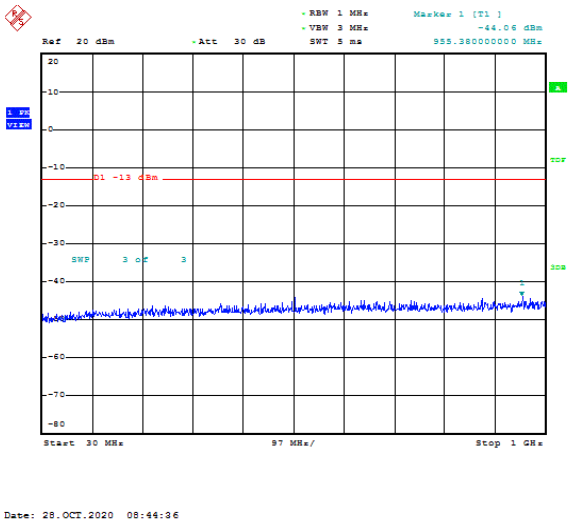
Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~2000MHz



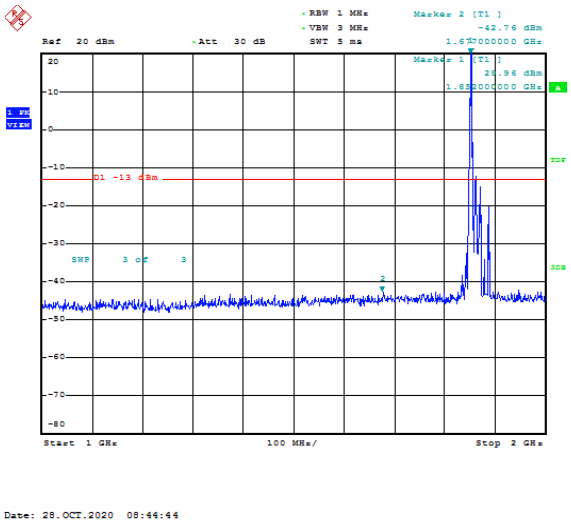
Band2-20MHz-QPSK-19100-1RB#0-Range3:2000~20000MHz



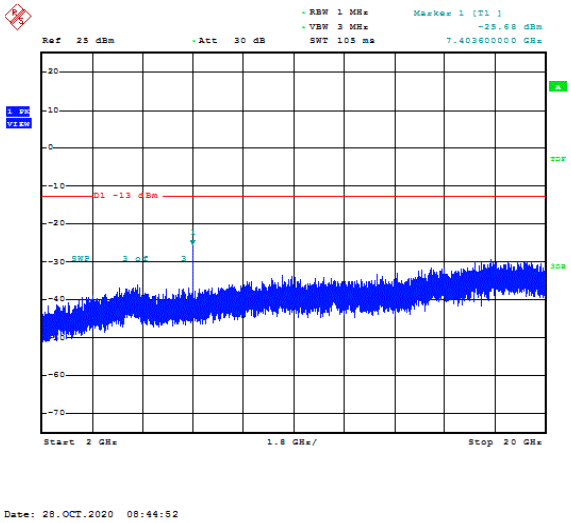
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



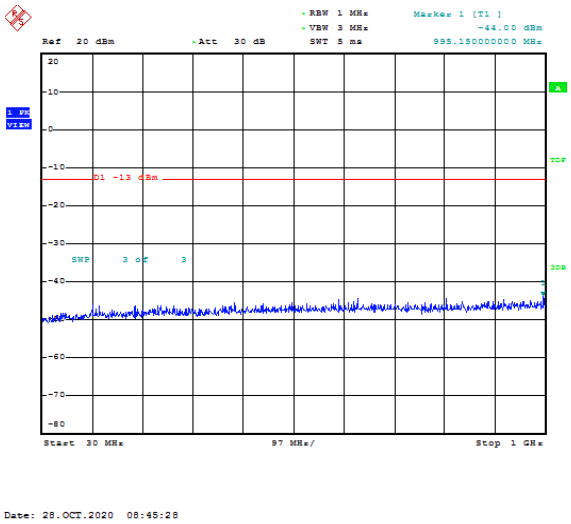
Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~2000MHz



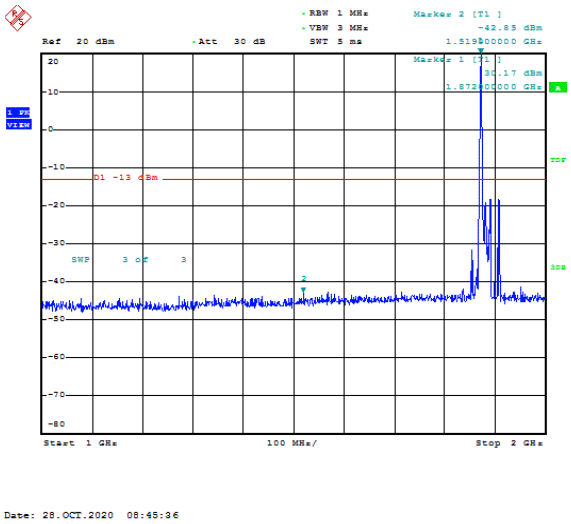
Band2-20MHz-16QAM-18700-1RB#0-Range3:2000~20000MHz



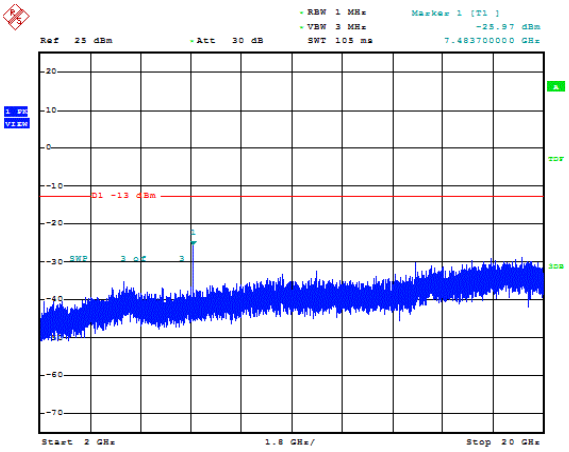
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz

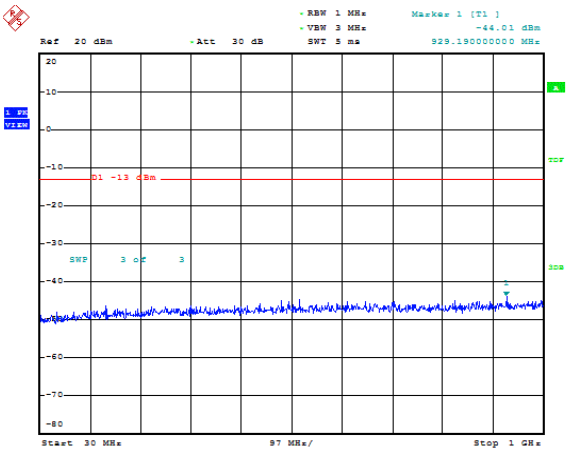


Band2-20MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



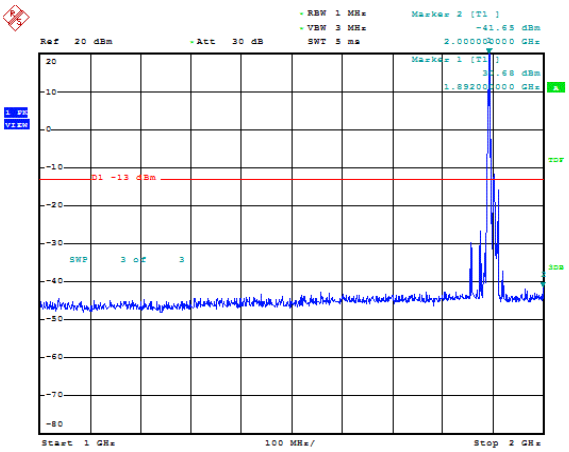
Date: 28.OCT.2020 08:45:44

Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



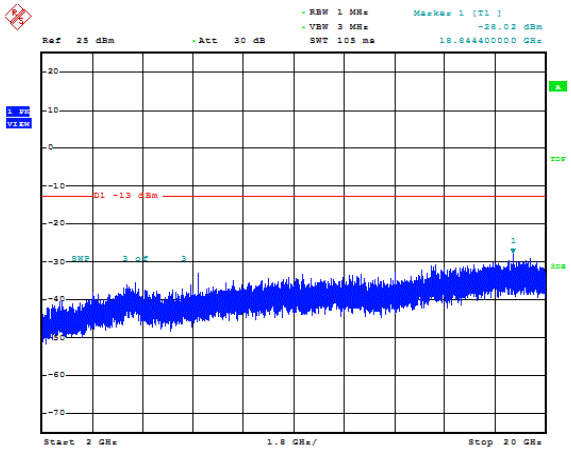
Date: 28.OCT.2020 08:46:21

Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~2000MHz



Date: 28.OCT.2020 08:46:29

Band2-20MHz-16QAM-19100-1RB#0-Range3:2000~20000MHz



Date: 28.OCT.2020 08:46:37

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
Band2	1.4MHz	QPSK	18607	6RB#0	VL	NT	-2.86	-0.001545	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VN	NT	-5.05	-0.002729	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VH	NT	-3.49	-0.001886	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	-3.55	-0.001888	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	-5.39	-0.002867	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	-7.93	-0.004218	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VL	NT	2.62	0.001372	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VN	NT	5.52	0.002891	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VH	NT	3.48	0.001823	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VL	NT	-6.44	-0.003480	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VN	NT	-4.69	-0.002534	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VH	NT	-4.48	-0.002421	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VL	NT	-7.02	-0.003734	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VN	NT	-4.81	-0.002559	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VH	NT	-7.54	-0.004011	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VL	NT	-6.08	-0.003184	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VN	NT	4.41	0.002310	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VH	NT	5.32	0.002786	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VL	NT	-3.16	-0.001707	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VN	NT	-2.46	-0.001329	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VH	NT	-5.22	-0.002819	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VL	NT	-5.76	-0.003064	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VN	NT	-4.08	-0.002170	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VH	NT	-8.44	-0.004489	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VL	NT	4.36	0.002285	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VN	NT	-3.69	-0.001933	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VH	NT	-3.88	-0.002033	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VL	NT	-4.13	-0.002231	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VN	NT	-3.96	-0.002139	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VH	NT	-3.63	-0.001961	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VL	NT	-4.79	-0.002548	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VN	NT	-3.49	-0.001856	±2.5	PASS

Band2	3MHz	16QAM	18900	15RB#0	VH	NT	-6.58	-0.003500	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VL	NT	-3.25	-0.001703	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VN	NT	2.16	0.001132	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VH	NT	4.79	0.002510	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VL	NT	-5.34	-0.002883	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VN	NT	2.76	0.001490	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VH	NT	-4.38	-0.002364	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VL	NT	-5.79	-0.003080	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VN	NT	-7.95	-0.004229	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VH	NT	-6.39	-0.003399	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VL	NT	3.28	0.001720	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VN	NT	-5.34	-0.002799	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VH	NT	-4.88	-0.002558	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VL	NT	-3.66	-0.001976	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VN	NT	-3.36	-0.001814	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VH	NT	-2.45	-0.001323	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VL	NT	-6.77	-0.003601	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VN	NT	-3.79	-0.002016	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VH	NT	-5.25	-0.002793	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VL	NT	-3.45	-0.001809	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VN	NT	4.89	0.002564	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VH	NT	4.28	0.002244	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VL	NT	-6.04	-0.003256	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VN	NT	-5.39	-0.002906	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VH	NT	-3.22	-0.001736	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VL	NT	-4.91	-0.002612	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	-6.52	-0.003468	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	-5.18	-0.002755	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VL	NT	2.23	0.001171	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VN	NT	2.98	0.001564	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VH	NT	-2.96	-0.001554	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VL	NT	-5.06	-0.002728	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VN	NT	-6.61	-0.003563	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VH	NT	-6.95	-0.003747	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VL	NT	-6.44	-0.003426	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VN	NT	-8.40	-0.004468	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VH	NT	-7.38	-0.003926	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VL	NT	-2.39	-0.001255	±2.5	PASS

Band2	10MHz	16QAM	19150	50RB#0	VN	NT	-3.75	-0.001969	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VH	NT	4.19	0.002199	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VL	NT	-5.32	-0.002864	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VN	NT	-4.82	-0.002595	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VH	NT	-3.29	-0.001771	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VL	NT	-7.37	-0.003920	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VN	NT	-8.07	-0.004293	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VH	NT	-9.34	-0.004968	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VL	NT	-5.54	-0.002912	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VN	NT	-6.11	-0.003212	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VH	NT	-5.08	-0.002670	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VL	NT	-4.28	-0.002304	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VN	NT	-4.76	-0.002563	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VH	NT	-4.53	-0.002439	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VL	NT	-6.78	-0.003606	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VN	NT	-6.21	-0.003303	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VH	NT	-4.29	-0.002282	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VL	NT	-5.02	-0.002639	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VN	NT	-7.25	-0.003811	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VH	NT	-4.94	-0.002597	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-10	-5.84	-0.003156	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	0	-2.82	-0.001524	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	10	-2.76	-0.001491	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	20	-5.18	-0.002799	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	30	-5.91	-0.003193	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	40	-6.74	-0.003642	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	50	-5.88	-0.003177	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-10	-6.28	-0.003340	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	-6.22	-0.003309	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	-7.00	-0.003723	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	-6.84	-0.003638	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	30	-8.03	-0.004271	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	40	-7.45	-0.003963	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	50	-10.20	-0.005426	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-10	5.97	0.003127	±2.5	PASS

Band2	1.4MHz	QPSK	19193	6RB#0	NV	0	2.25	0.001178	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	10	5.55	0.002907	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	20	-4.49	-0.002352	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	30	-3.25	-0.001702	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	40	3.29	0.001723	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	50	3.83	0.002006	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-10	-6.04	-0.003264	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	0	-4.78	-0.002583	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	10	-4.56	-0.002464	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	20	-6.75	-0.003647	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	30	-5.95	-0.003215	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	40	-4.53	-0.002448	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	50	-4.33	-0.002340	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-10	-4.46	-0.002372	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	-8.07	-0.004293	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	-4.55	-0.002420	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	-6.19	-0.003293	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	30	-3.20	-0.001702	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	40	-5.51	-0.002931	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	50	-8.25	-0.004388	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-10	3.45	0.001807	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	0	4.25	0.002226	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	10	-5.09	-0.002666	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	20	6.65	0.003483	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	30	4.82	0.002524	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	40	3.88	0.002032	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	50	-3.43	-0.001796	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-10	-2.62	-0.001415	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	0	-5.76	-0.003111	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	10	-5.49	-0.002965	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	20	-5.46	-0.002949	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	30	-4.36	-0.002355	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	40	-5.69	-0.003073	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	50	-5.21	-0.002814	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-10	-6.92	-0.003681	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	0	-4.12	-0.002191	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	10	-5.64	-0.003000	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	20	-8.27	-0.004399	±2.5	PASS

Band2	3MHz	QPSK	18900	15RB#0	NV	30	-5.39	-0.002867	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	40	-6.78	-0.003606	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	50	-5.69	-0.003027	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-10	3.39	0.001776	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	0	-3.38	-0.001771	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	10	2.45	0.001284	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	20	-2.49	-0.001305	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	30	2.59	0.001357	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	40	3.36	0.001761	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	50	2.78	0.001457	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-10	-3.66	-0.001977	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	0	-4.41	-0.002382	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	10	-2.78	-0.001501	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	20	-5.44	-0.002938	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	30	-6.42	-0.003467	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	40	-5.44	-0.002938	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	50	-6.98	-0.003770	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-10	-5.54	-0.002947	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	0	-5.82	-0.003096	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	10	-6.55	-0.003484	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	20	-5.94	-0.003160	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	30	-5.52	-0.002936	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	40	-8.53	-0.004537	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	50	-5.56	-0.002957	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-10	-4.19	-0.002195	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	0	4.56	0.002389	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	10	-4.06	-0.002127	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	20	-2.88	-0.001509	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	30	4.41	0.002311	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	40	3.78	0.001981	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	50	4.33	0.002269	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-10	-4.73	-0.002553	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	0	-4.52	-0.002440	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	10	-1.56	-0.000842	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	20	-4.41	-0.002381	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	30	-3.98	-0.002148	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	40	-4.69	-0.002532	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	50	-4.48	-0.002418	±2.5	PASS

Band2	5MHz	QPSK	18900	25RB#0	NV	-10	-5.76	-0.003064	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	0	-5.21	-0.002771	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	10	-5.16	-0.002745	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	20	-6.07	-0.003229	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	30	-6.09	-0.003239	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	40	-5.08	-0.002702	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	50	-3.65	-0.001941	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-10	-4.29	-0.002249	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	0	-4.16	-0.002181	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	10	2.23	0.001169	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	20	-2.70	-0.001415	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	30	-3.36	-0.001761	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	40	-2.80	-0.001468	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	50	2.75	0.001442	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-10	-3.60	-0.001943	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	0	-5.74	-0.003099	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	10	-2.88	-0.001555	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	20	-3.52	-0.001900	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	30	-4.55	-0.002456	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	40	-2.73	-0.001474	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	50	-3.10	-0.001673	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-10	-6.49	-0.003452	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	0	-4.82	-0.002564	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	10	-3.93	-0.002090	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	20	-6.41	-0.003410	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	30	-5.49	-0.002920	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	40	-7.94	-0.004223	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	50	-6.42	-0.003415	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-10	3.13	0.001641	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	0	3.16	0.001657	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	10	3.63	0.001903	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	20	4.09	0.002144	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	30	2.82	0.001478	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	40	2.56	0.001342	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	50	4.96	0.002600	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-10	-6.15	-0.003315	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	0	-6.15	-0.003315	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	10	-7.31	-0.003941	±2.5	PASS

Band2	10MHz	QPSK	18650	50RB#0	NV	20	-4.59	-0.002474	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	30	-5.04	-0.002717	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	40	-4.49	-0.002420	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	50	-5.76	-0.003105	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-10	-4.99	-0.002654	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	-6.01	-0.003197	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	-6.81	-0.003622	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	-7.44	-0.003957	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	30	-6.39	-0.003399	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	40	-4.78	-0.002543	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	50	-3.79	-0.002016	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-10	4.59	0.002409	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	0	-4.84	-0.002541	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	10	-2.52	-0.001323	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	20	1.59	0.000835	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	30	3.18	0.001669	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	40	4.21	0.002210	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	50	4.22	0.002215	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-10	-5.21	-0.002809	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	0	-4.91	-0.002647	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	10	-7.07	-0.003811	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	20	-4.28	-0.002307	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	30	-6.54	-0.003526	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	40	-5.52	-0.002976	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	50	-5.54	-0.002987	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-10	-5.19	-0.002761	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	0	-6.57	-0.003495	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	10	-6.61	-0.003516	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	20	-7.00	-0.003723	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	30	-4.35	-0.002314	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	40	-4.91	-0.002612	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	50	-3.63	-0.001931	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-10	3.18	0.001669	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	0	4.58	0.002404	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	10	2.23	0.001171	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	20	3.59	0.001885	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	30	3.93	0.002063	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	40	2.46	0.001291	±2.5	PASS

Band2	10MHz	16QAM	19150	50RB#0	NV	50	4.79	0.002514	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-10	-8.67	-0.004668	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	0	-4.71	-0.002536	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	10	-5.79	-0.003117	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	20	-5.78	-0.003112	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	30	-3.71	-0.001997	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	40	-7.25	-0.003903	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	50	-8.00	-0.004307	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-10	-8.03	-0.004271	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	0	-7.93	-0.004218	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	10	-7.08	-0.003766	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	20	-5.45	-0.002899	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	30	-5.58	-0.002968	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	40	-6.14	-0.003266	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	50	-6.65	-0.003537	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-10	-5.62	-0.002954	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	0	-7.45	-0.003916	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	10	-5.97	-0.003138	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	20	-6.77	-0.003558	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	30	-5.87	-0.003085	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	40	-6.48	-0.003406	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	50	-6.62	-0.003480	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-10	-5.24	-0.002821	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	0	-4.73	-0.002546	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	10	-3.26	-0.001755	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	20	-5.92	-0.003187	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	30	-6.51	-0.003505	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	40	-8.04	-0.004328	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	50	-4.65	-0.002503	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-10	-5.64	-0.003000	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	0	-7.32	-0.003894	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	10	-10.41	-0.005537	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	20	-8.58	-0.004564	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	30	-4.58	-0.002436	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	40	-4.72	-0.002511	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	50	-3.78	-0.002011	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-10	-5.85	-0.003075	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	0	-6.37	-0.003348	±2.5	PASS

Band2	15MHz	16QAM	19125	75RB#0	NV	10	-8.15	-0.004284	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	20	-5.58	-0.002933	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	30	-5.64	-0.002965	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	40	-6.92	-0.003637	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	50	-4.55	-0.002392	±2.5	PASS

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