Appendix B

E-UTRA Band 4

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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#2	23.4	17.97	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.55	18.12	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	23.37	17.94	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.57	18.14	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.67	18.24	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.46	18.03	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.44	17.01	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.34	17.91	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.37	17.94	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.22	17.79	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.39	17.96	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.45	18.02	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.3	17.87	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.36	16.93	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.24	17.81	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.15	17.72	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.08	17.65	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.19	17.76	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.35	17.92	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.22	17.79	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.29	16.86	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.53	16.1	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.5	16.07	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.55	16.12	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	21.07	15.64	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	21	15.57	30	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	21.01	15.58	30	PASS

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Band4	1.4MHz	64QAM	19957	6RB#0	20.61	15.18	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.43	16	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.47	16.04	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.25	15.82	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	21.08	15.65	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	21.01	15.58	30	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	20.96	15.53	30	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.32	14.89	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.31	15.88	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.1	15.67	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.02	15.59	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	21.01	15.58	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	20.86	15.43	30	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	20.91	15.48	30	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.08	14.65	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.32	16.89	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.75	17.32	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.76	17.33	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.51	17.08	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.43	17	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.47	17.04	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.56	16.13	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.77	17.34	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.67	17.24	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.33	16.9	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.45	17.02	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.52	17.09	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.4	16.97	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.55	16.12	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.41	16.98	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.54	17.11	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.11	16.68	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.26	16.83	30	PASS

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Band4	1.4MHz	16QAM	20393	3RB#3	22.35	16.92	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.22	16.79	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.25	15.82	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.32	17.89	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.66	18.23	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.27	17.84	30	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.48	17.05	30	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.5	17.07	30	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.52	17.09	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.43	17	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.4	17.97	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.71	18.28	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.41	17.98	30	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.4	16.97	30	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.4	16.97	30	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.35	16.92	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.3	16.87	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.26	17.83	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.37	17.94	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.14	17.71	30	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.22	16.79	30	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.31	16.88	30	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.17	16.74	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.23	16.8	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.22	15.79	30	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.15	15.72	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.11	15.68	30	PASS
Band4	3MHz	64QAM	19965	8RB#0	20.32	14.89	30	PASS
Band4	3MHz	64QAM	19965	8RB#4	20.23	14.8	30	PASS
Band4	3MHz	64QAM	19965	8RB#7	20.25	14.82	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.19	14.76	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.18	15.75	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.12	15.69	30	PASS

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Band4	3MHz	64QAM	20175	1RB#8	21.08	15.65	30	PASS
Band4	3MHz	64QAM	20175	8RB#0	20.25	14.82	30	PASS
Band4	3MHz	64QAM	20175	8RB#7	20.24	14.81	30	PASS
Band4	3MHz	64QAM	20175	8RB#4	20.2	14.77	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.14	14.71	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.12	15.69	30	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.01	15.58	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.02	15.59	30	PASS
Band4	3MHz	64QAM	20385	8RB#0	20.15	14.72	30	PASS
Band4	3MHz	64QAM	20385	8RB#4	20.13	14.7	30	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.06	14.63	30	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.07	14.64	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.32	16.89	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.5	17.07	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.73	17.3	30	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.58	16.15	30	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.67	16.24	30	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.63	16.2	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.65	16.22	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.93	17.5	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.95	17.52	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.53	17.1	30	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.48	16.05	30	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.58	16.15	30	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.58	16.15	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.4	15.97	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.59	17.16	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.86	17.43	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.47	17.04	30	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.42	15.99	30	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.42	15.99	30	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.21	15.78	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.14	15.71	30	PASS

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Band4	5MHz	QPSK	19975	1RB#24	23.35	17.92	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.37	17.94	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.18	17.75	30	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.4	16.97	30	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.44	17.01	30	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.44	17.01	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.43	17	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.14	17.71	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.4	17.97	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.07	17.64	30	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.31	16.88	30	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.37	16.94	30	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.32	16.89	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.41	16.98	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.97	17.54	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.25	17.82	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.99	17.56	30	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.28	16.85	30	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.27	16.84	30	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.17	16.74	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.26	16.83	30	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.21	15.78	30	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.16	15.73	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.14	15.71	30	PASS
Band4	5MHz	64QAM	19975	12RB#6	20.33	14.9	30	PASS
Band4	5MHz	64QAM	19975	12RB#13	20.28	14.85	30	PASS
Band4	5MHz	64QAM	19975	12RB#0	20.27	14.84	30	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.2	14.77	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.15	15.72	30	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.1	15.67	30	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.1	15.67	30	PASS
Band4	5MHz	64QAM	20175	12RB#6	20.25	14.82	30	PASS
Band4	5MHz	64QAM	20175	12RB#13	20.2	14.77	30	PASS

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Band4	5MHz	64QAM	20175	12RB#0	20.19	14.76	30	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.17	14.74	30	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.11	15.68	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.99	15.56	30	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.97	15.54	30	PASS
Band4	5MHz	64QAM	20375	12RB#6	20.14	14.71	30	PASS
Band4	5MHz	64QAM	20375	12RB#0	20.15	14.72	30	PASS
Band4	5MHz	64QAM	20375	12RB#13	20.04	14.61	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.07	14.64	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.5	17.07	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.85	17.42	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.38	16.95	30	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.48	16.05	30	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.48	16.05	30	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.51	16.08	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.55	16.12	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.44	17.01	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.65	17.22	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.31	16.88	30	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.29	15.86	30	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.38	15.95	30	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.31	15.88	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.4	15.97	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.42	16.99	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.45	17.02	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.28	16.85	30	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.18	15.75	30	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.2	15.77	30	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.12	15.69	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.18	15.75	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.5	18.07	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.52	18.09	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.36	17.93	30	PASS

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Band4	10MHz	QPSK	20000	25RB#25	22.5	17.07	30	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.52	17.09	30	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.44	17.01	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.45	17.02	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.42	17.99	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.51	18.08	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.24	17.81	30	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.44	17.01	30	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.37	16.94	30	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.38	16.95	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.4	16.97	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.34	17.91	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.34	17.91	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.15	17.72	30	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.33	16.9	30	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.29	16.86	30	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.2	16.77	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.26	16.83	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.22	15.79	30	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.13	15.7	30	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.12	15.69	30	PASS
Band4	10MHz	64QAM	20000	25RB#12	20.36	14.93	30	PASS
Band4	10MHz	64QAM	20000	25RB#0	20.23	14.8	30	PASS
Band4	10MHz	64QAM	20000	25RB#25	20.27	14.84	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.24	14.81	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.17	15.74	30	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.11	15.68	30	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.05	15.62	30	PASS
Band4	10MHz	64QAM	20175	25RB#12	20.26	14.83	30	PASS
Band4	10MHz	64QAM	20175	25RB#25	20.19	14.76	30	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.19	14.76	30	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.18	14.75	30	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.08	15.65	30	PASS

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Band4	10MHz	64QAM	20350	1RB#0	20.97	15.54	30	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.01	15.58	30	PASS
Band4	10MHz	64QAM	20350	25RB#12	20.17	14.74	30	PASS
Band4	10MHz	64QAM	20350	25RB#0	20.17	14.74	30	PASS
Band4	10MHz	64QAM	20350	25RB#25	20.05	14.62	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.09	14.66	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.92	17.49	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.82	17.39	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.35	16.92	30	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.57	16.14	30	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.66	16.23	30	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.59	16.16	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.55	16.12	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.62	17.19	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.73	17.3	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.69	17.26	30	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.4	15.97	30	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.44	16.01	30	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.39	15.96	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.38	15.95	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.5	17.07	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.86	17.43	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.41	16.98	30	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.39	15.96	30	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.38	15.95	30	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.18	15.75	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.3	15.87	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.47	18.04	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.44	18.01	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.27	17.84	30	PASS
Band4	15MHz	QPSK	20025	36RB#18	22.42	16.99	30	PASS
Band4	15MHz	QPSK	20025	36RB#0	22.47	17.04	30	PASS
Band4	15MHz	QPSK	20025	36RB#39	22.48	17.05	30	PASS

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Band4	15MHz	QPSK	20025	75RB#0	22.41	16.98	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.32	17.89	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.46	18.03	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.22	17.79	30	PASS
Band4	15MHz	QPSK	20175	36RB#39	22.45	17.02	30	PASS
Band4	15MHz	QPSK	20175	36RB#18	22.44	17.01	30	PASS
Band4	15MHz	QPSK	20175	36RB#0	22.39	16.96	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.42	16.99	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.19	17.76	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.21	17.78	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.19	17.76	30	PASS
Band4	15MHz	QPSK	20325	36RB#39	22.38	16.95	30	PASS
Band4	15MHz	QPSK	20325	36RB#0	22.41	16.98	30	PASS
Band4	15MHz	QPSK	20325	36RB#18	22.28	16.85	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.27	16.84	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.17	15.74	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.17	15.74	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.16	15.73	30	PASS
Band4	15MHz	64QAM	20025	36RB#39	20.34	14.91	30	PASS
Band4	15MHz	64QAM	20025	36RB#18	20.25	14.82	30	PASS
Band4	15MHz	64QAM	20025	36RB#0	20.27	14.84	30	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.24	14.81	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.18	15.75	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.12	15.69	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.09	15.66	30	PASS
Band4	15MHz	64QAM	20175	36RB#0	20.28	14.85	30	PASS
Band4	15MHz	64QAM	20175	36RB#18	20.19	14.76	30	PASS
Band4	15MHz	64QAM	20175	36RB#39	20.23	14.8	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.18	14.75	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.08	15.65	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.02	15.59	30	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.01	15.58	30	PASS
Band4	15MHz	64QAM	20325	36RB#39	20.14	14.71	30	PASS

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Band4	15MHz	64QAM	20325	36RB#18	20.13	14.7	30	PASS
Band4	15MHz	64QAM	20325	36RB#0	20.05	14.62	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.09	14.66	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.47	17.04	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.59	17.16	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.22	16.79	30	PASS
Band4	15MHz	16QAM	20025	36RB#39	21.47	16.04	30	PASS
Band4	15MHz	16QAM	20025	36RB#0	21.39	15.96	30	PASS
Band4	15MHz	16QAM	20025	36RB#18	21.45	16.02	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.51	16.08	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.46	17.03	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.56	17.13	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.76	17.33	30	PASS
Band4	15MHz	16QAM	20175	36RB#0	21.38	15.95	30	PASS
Band4	15MHz	16QAM	20175	36RB#18	21.45	16.02	30	PASS
Band4	15MHz	16QAM	20175	36RB#39	21.3	15.87	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.34	15.91	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.33	16.9	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.65	17.22	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.14	16.71	30	PASS
Band4	15MHz	16QAM	20325	36RB#0	21.31	15.88	30	PASS
Band4	15MHz	16QAM	20325	36RB#18	21.33	15.9	30	PASS
Band4	15MHz	16QAM	20325	36RB#39	21.27	15.84	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.32	15.89	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.3	17.87	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.38	17.95	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.17	17.74	30	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.38	16.95	30	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.39	16.96	30	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.5	17.07	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.4	16.97	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.26	17.83	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.37	17.94	30	PASS

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Band4	20MHz	QPSK	20175	1RB#99	23.09	17.66	30	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.28	16.85	30	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.44	17.01	30	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.34	16.91	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.33	16.9	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.19	17.76	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.26	17.83	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.06	17.63	30	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.36	16.93	30	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.3	16.87	30	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.24	16.81	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.25	16.82	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.32	15.89	30	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.28	15.85	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.26	15.83	30	PASS
Band4	20MHz	64QAM	20050	50RB#50	20.46	15.03	30	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.38	14.95	30	PASS
Band4	20MHz	64QAM	20050	50RB#0	20.37	14.94	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.34	14.91	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.28	15.85	30	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.24	15.81	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.2	15.77	30	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.4	14.97	30	PASS
Band4	20MHz	64QAM	20175	50RB#0	20.34	14.91	30	PASS
Band4	20MHz	64QAM	20175	50RB#50	20.34	14.91	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.29	14.86	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.23	15.8	30	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.12	15.69	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.12	15.69	30	PASS
Band4	20MHz	64QAM	20300	50RB#25	20.29	14.86	30	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.28	14.85	30	PASS
Band4	20MHz	64QAM	20300	50RB#0	20.18	14.75	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.19	14.76	30	PASS

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Band4	20MHz	16QAM	20050	1RB#99	22.42	16.99	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.02	17.59	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.41	16.98	30	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.46	16.03	30	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.46	16.03	30	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.39	15.96	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.36	15.93	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.35	16.92	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.48	17.05	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.65	17.22	30	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.35	15.92	30	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.4	15.97	30	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.35	15.92	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.31	15.88	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.75	17.32	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.65	17.22	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.25	16.82	30	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.39	15.96	30	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.36	15.93	30	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.25	15.82	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.22	15.79	30	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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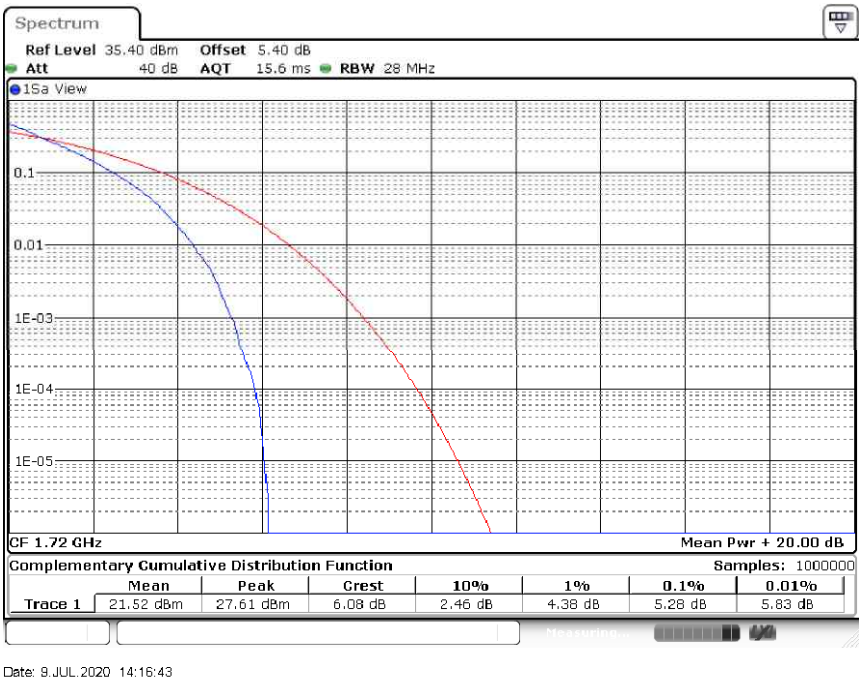
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.28	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.48	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.13	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.46	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.38	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.20	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.09	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.29	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.97	13	PASS

2.2. Test Plots

Band4-20MHz-QPSK-20050-100RB#0



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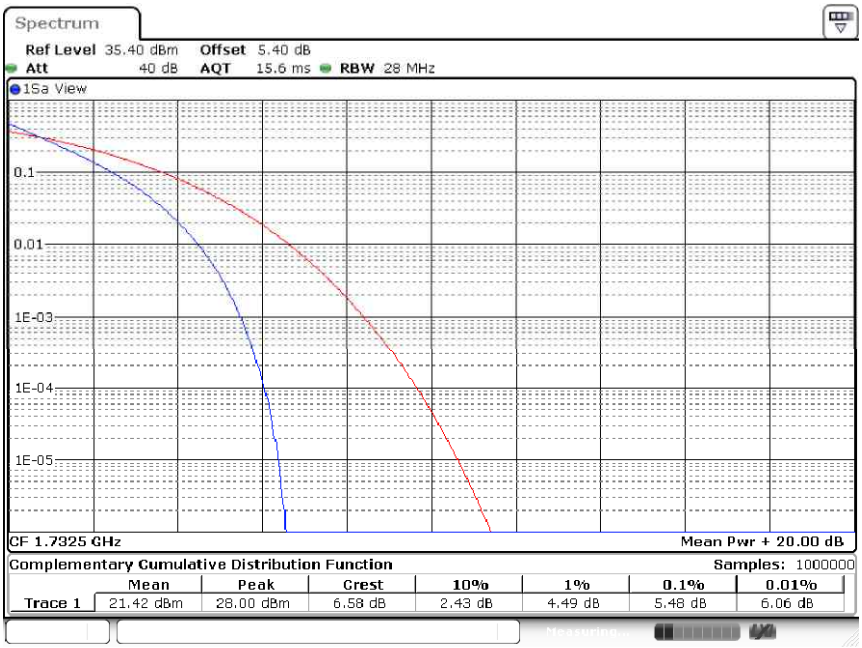
Band4-20MHz-QPSK-20175-100RB#0



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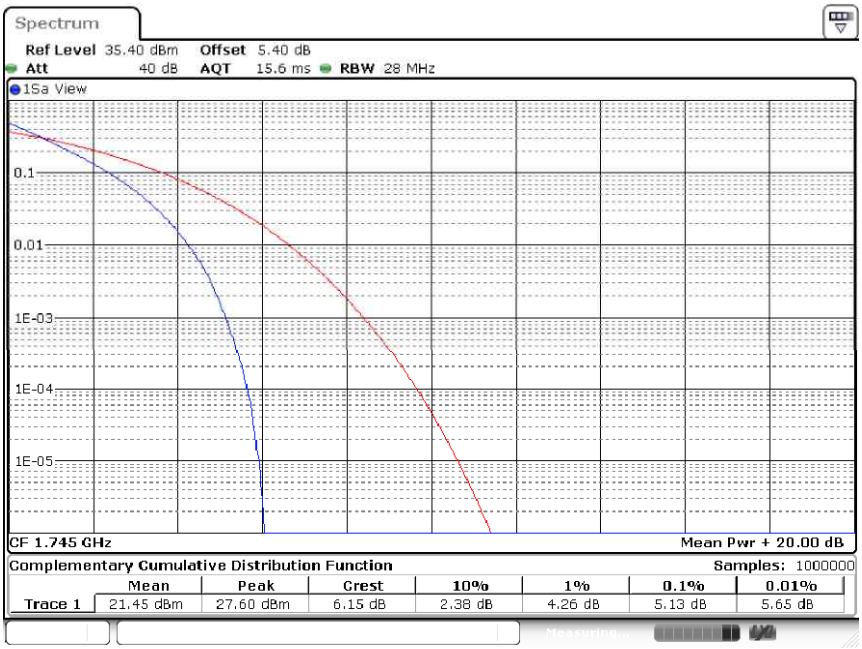
Band4-20MHz-QPSK-20300-100RB#0



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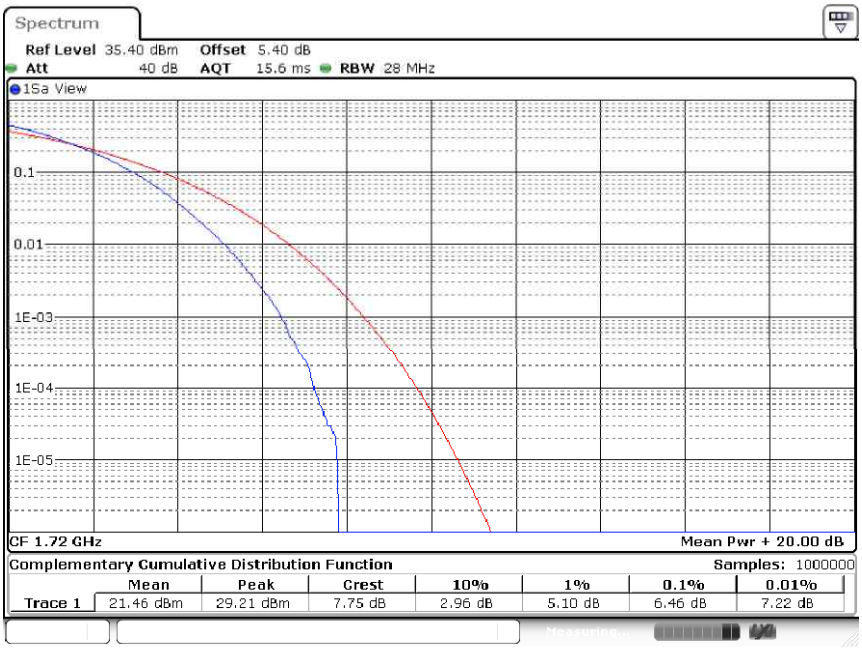
Band4-20MHz-64QAM-20050-100RB#0



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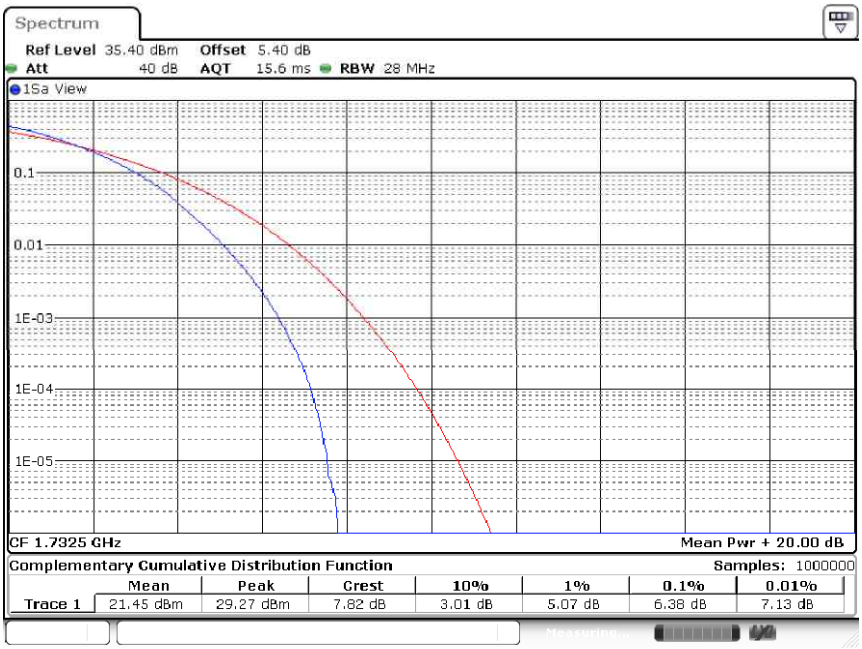
Band4-20MHz-64QAM-20175-100RB#0



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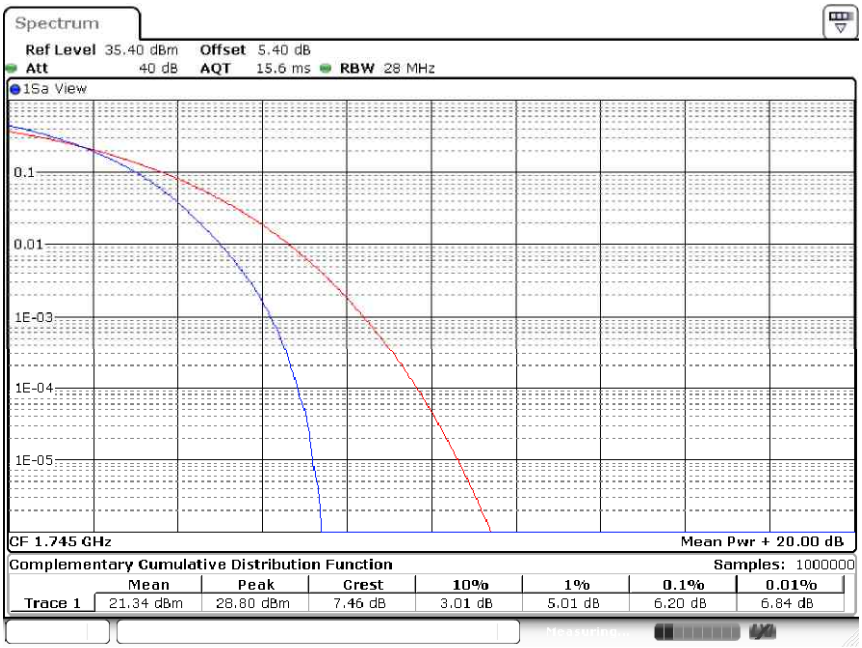
Band4-20MHz-64QAM-20300-100RB#0



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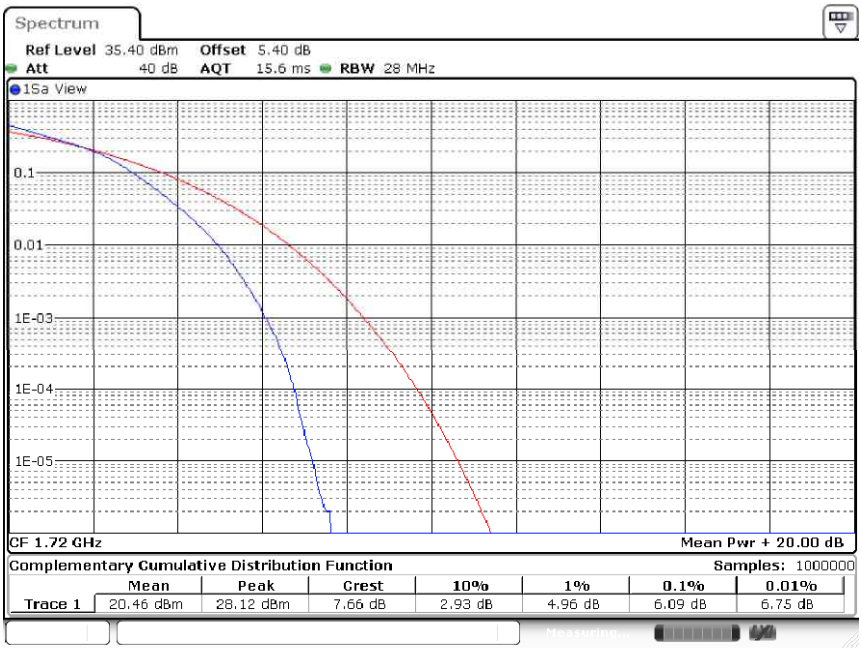
Band4-20MHz-16QAM-20050-100RB#0



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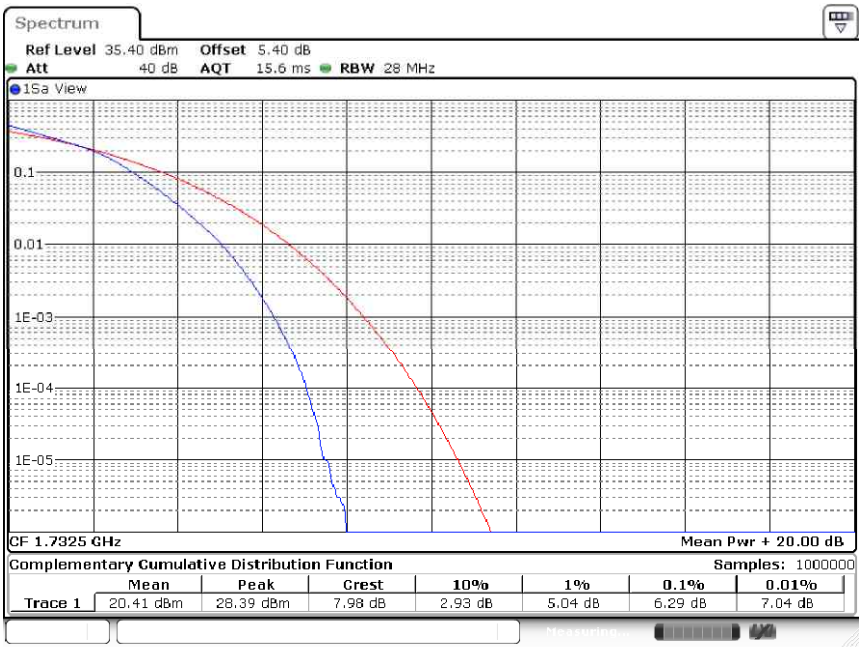

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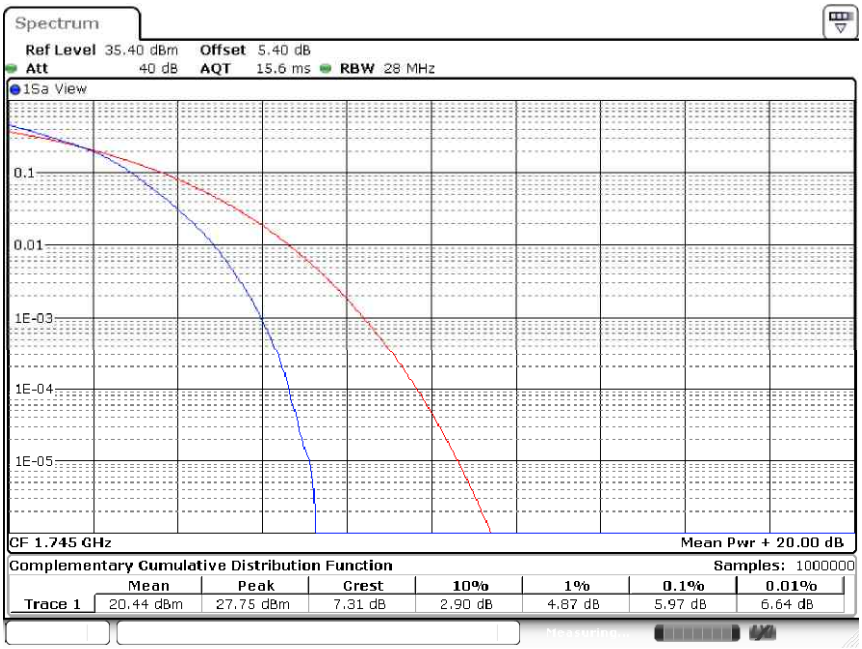
Band4-20MHz-16QAM-20300-100RB#0



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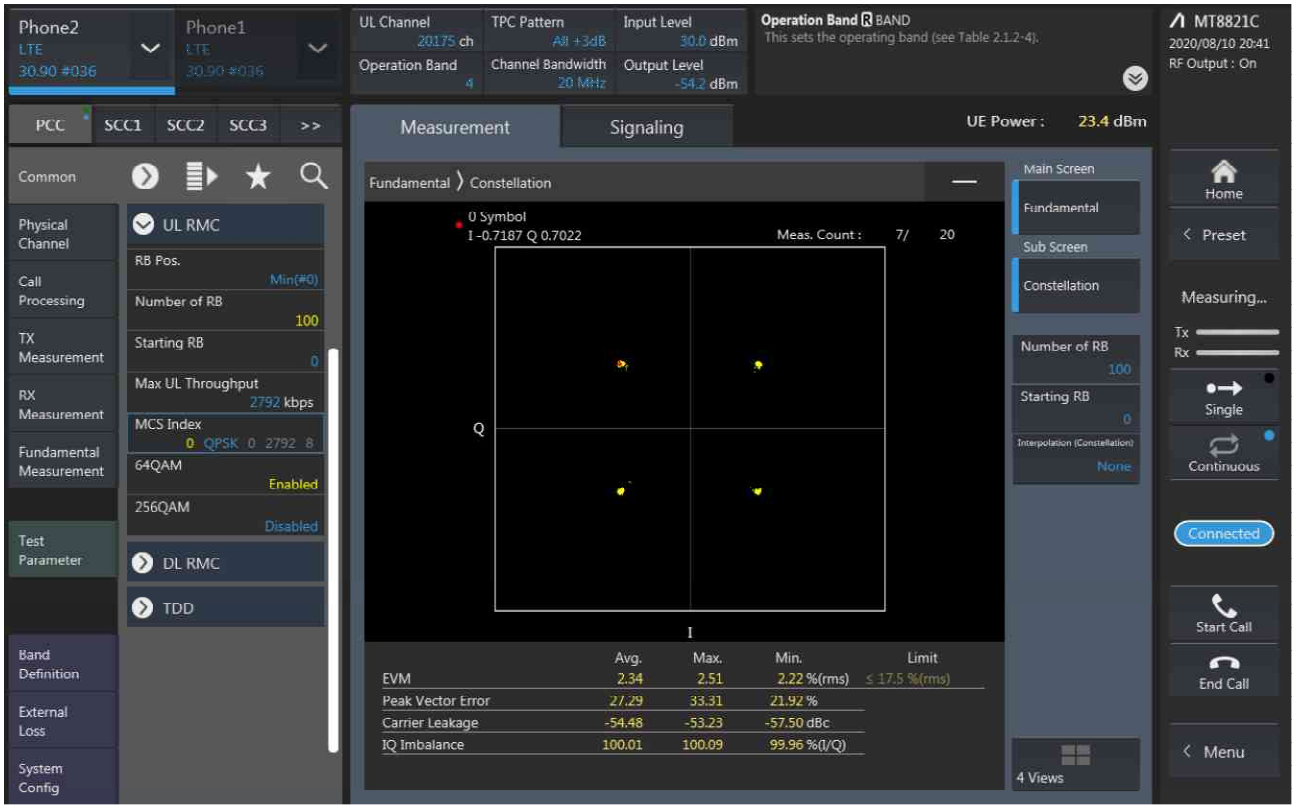
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1.Test Channel = MCH



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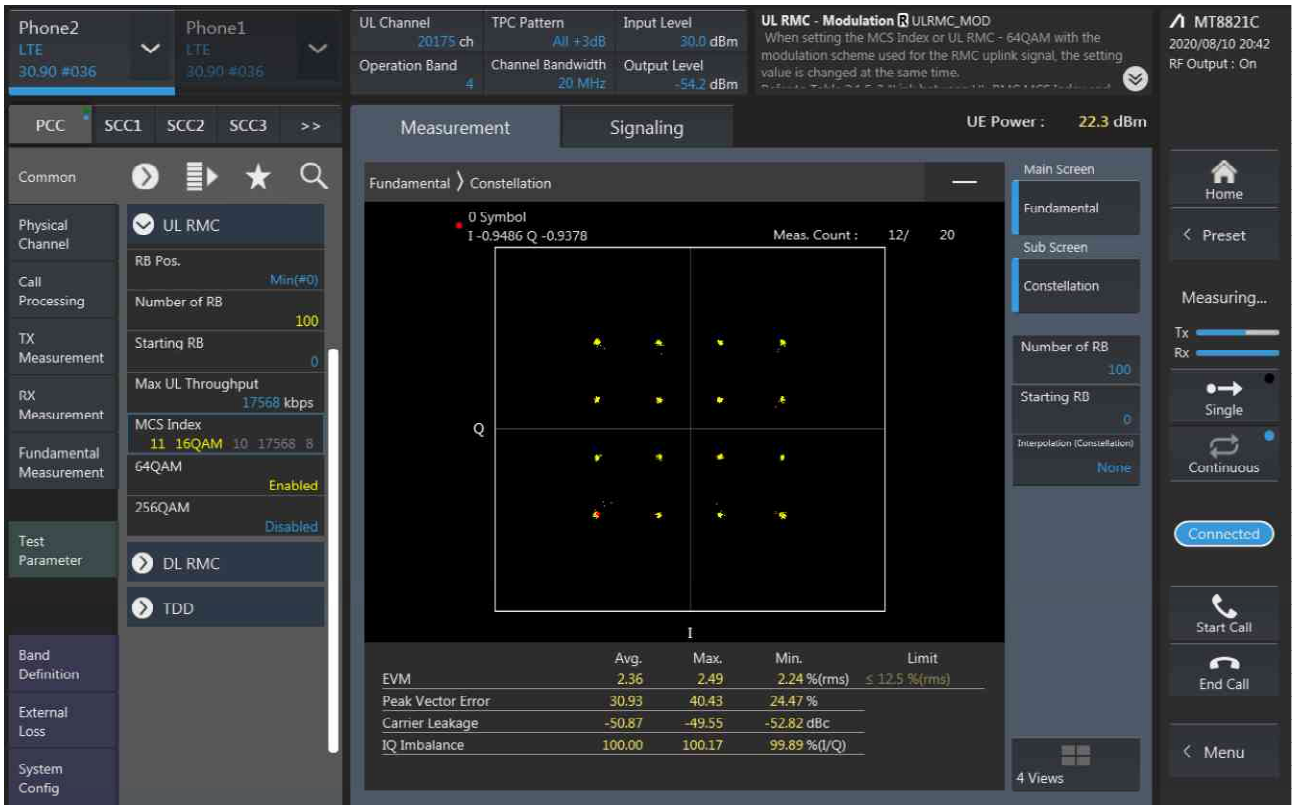
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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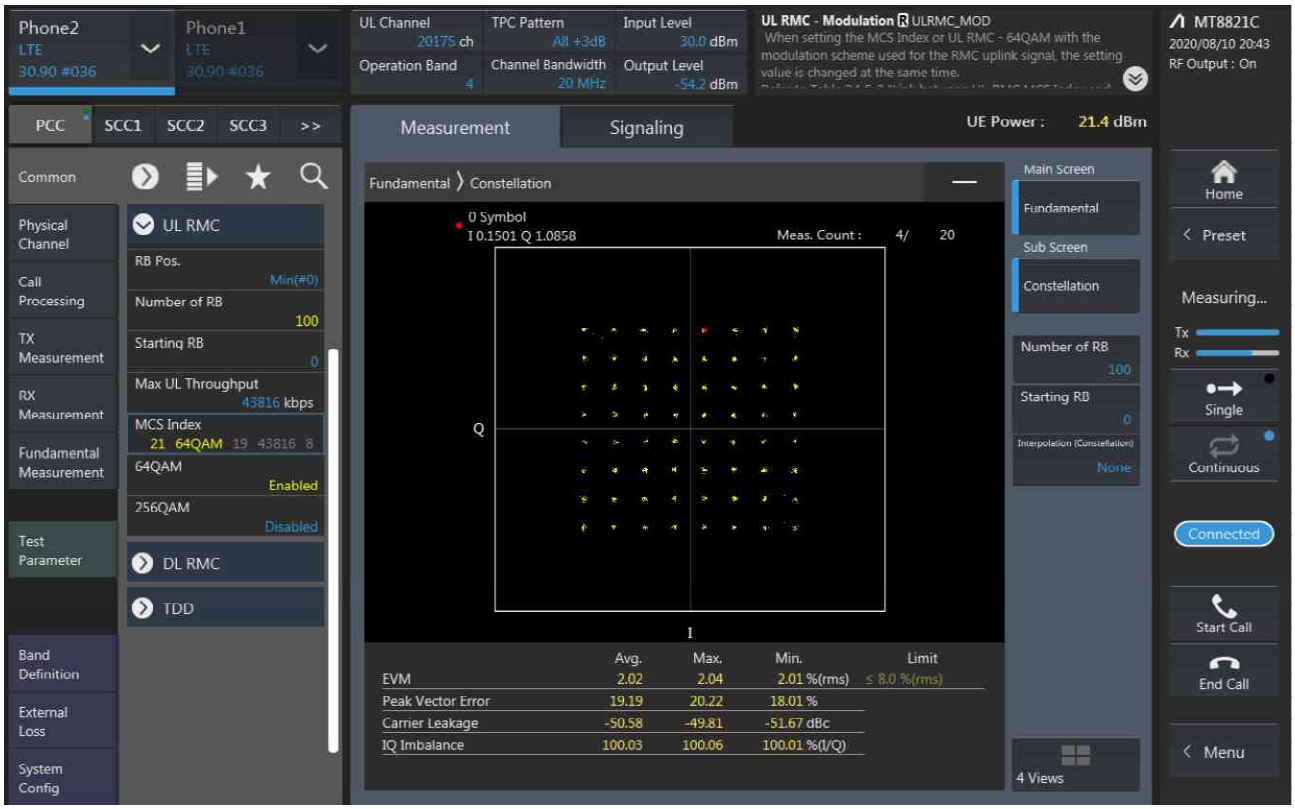
3.3. Test Mode = LTE /TM3 20MHz

3.3.1.Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.088	1.293	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.085	1.272	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.091	1.293	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.097	1.272	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.088	1.272	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.094	1.281	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.088	1.284	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.094	1.302	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.091	1.290	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.691	2.916	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.685	2.910	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.691	2.922	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.679	2.898	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.679	2.898	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.679	2.904	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.673	2.904	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.673	2.904	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.679	2.910	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.466	4.860	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.466	4.840	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	4.830	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.466	4.820	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.466	4.820	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.476	4.810	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	4.860	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.486	4.860	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.486	4.890	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.931	9.560	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.931	9.600	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.580	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.931	9.600	PASS

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Band4	10MHz	64QAM	20175	50RB#0	8.931	9.580	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.931	9.580	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.931	9.660	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.931	9.660	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.911	9.620	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.427	14.610	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.487	14.640	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.487	14.640	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.457	14.610	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.457	14.670	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.427	14.670	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.457	14.670	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.487	14.520	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.427	14.670	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.902	19.360	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.902	19.280	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.862	19.280	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.862	19.320	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.862	19.240	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.862	19.200	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.862	19.320	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.862	19.320	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.862	19.240	PASS

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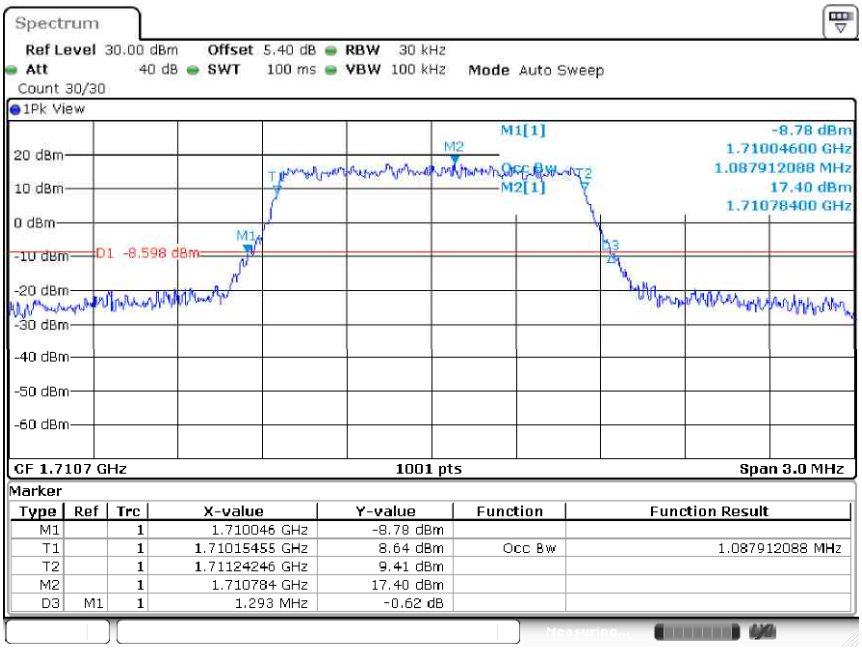

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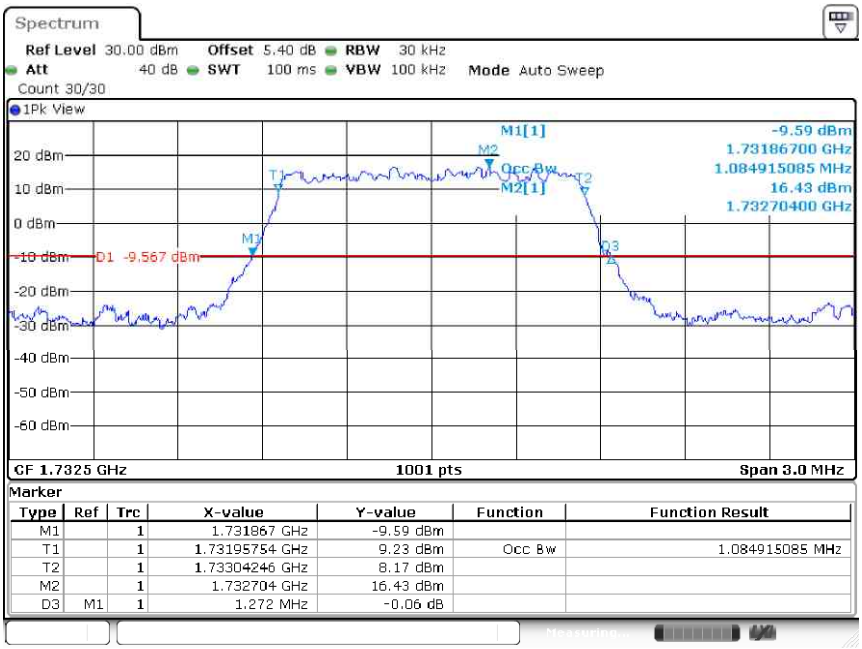

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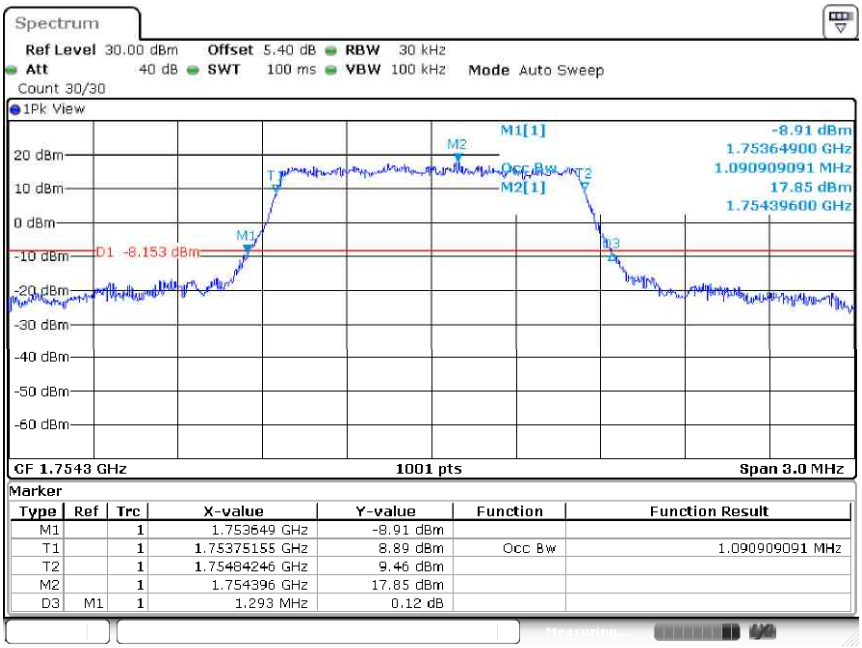
Band4-1.4MHz-QPSK-20393-6RB#0-1.091



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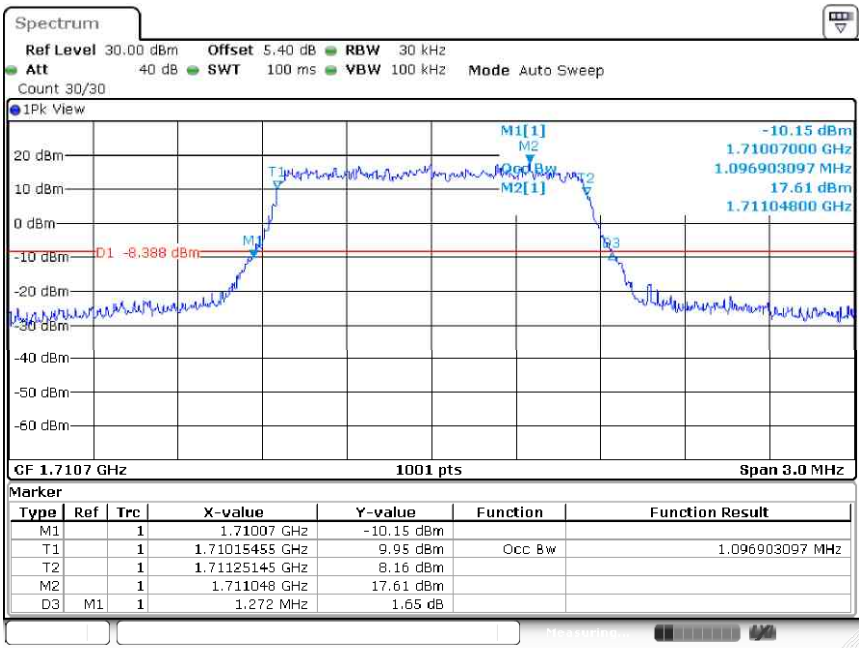
Band4-1.4MHz-64QAM-19957-6RB#0-1.097



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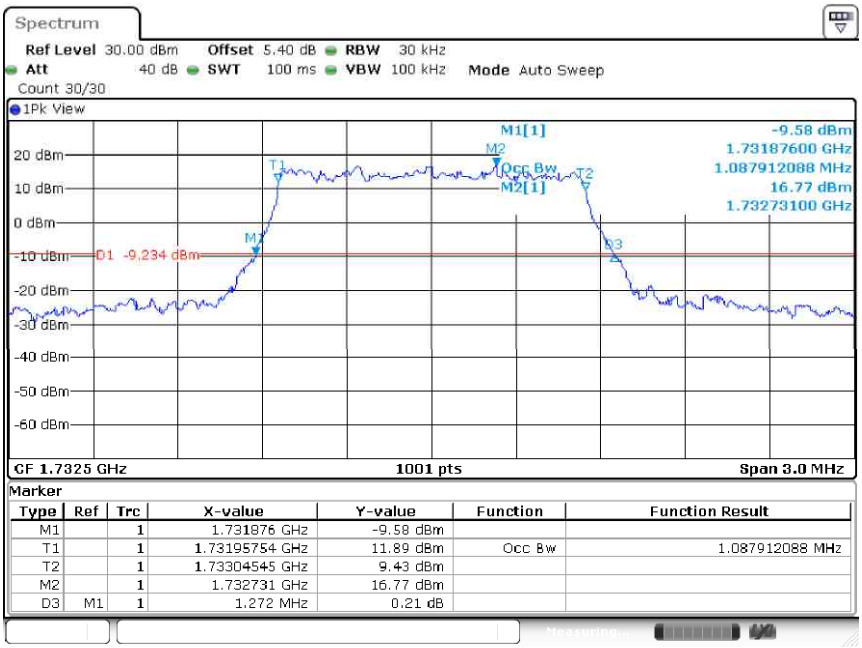

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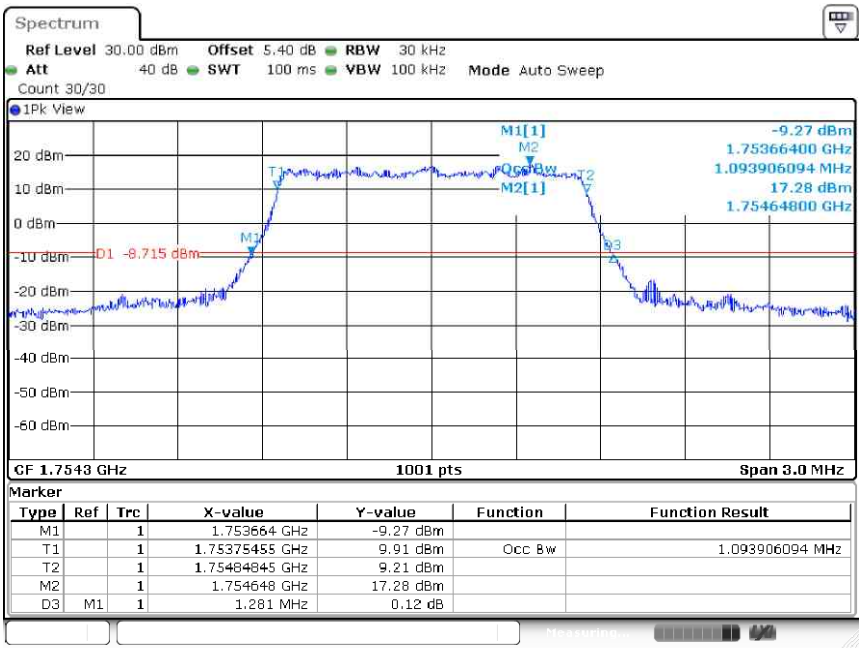

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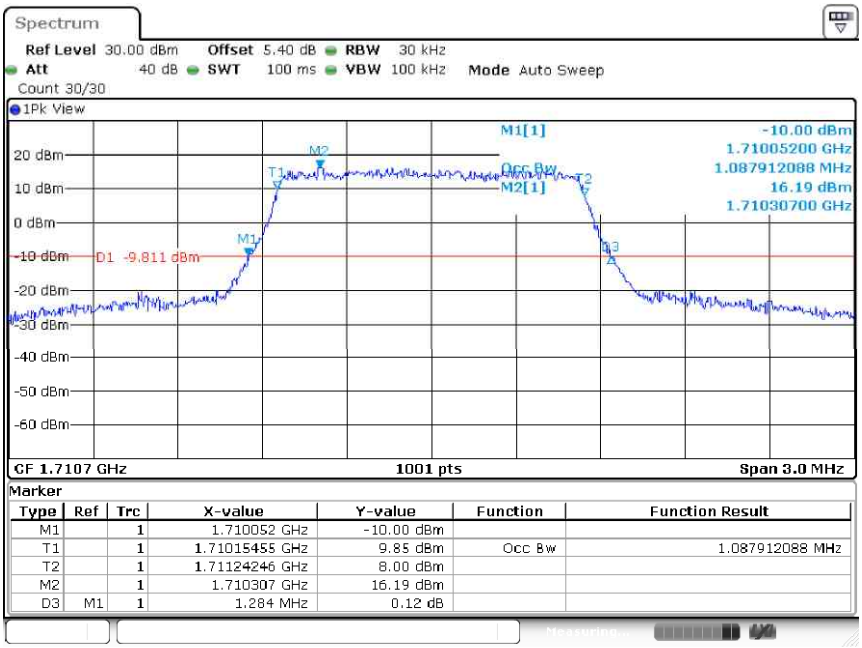
Band4-1.4MHz-16QAM-19957-6RB#0-1.088



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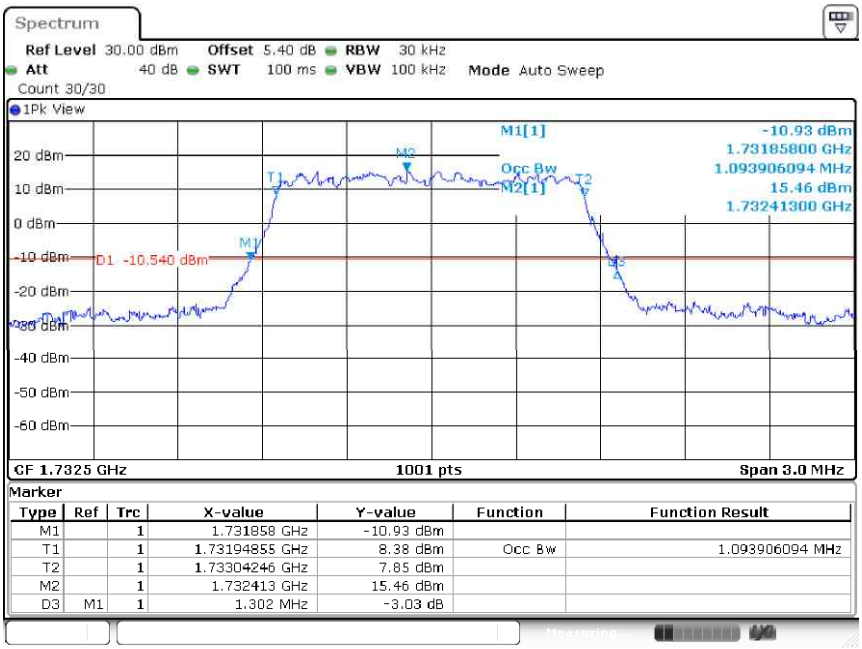

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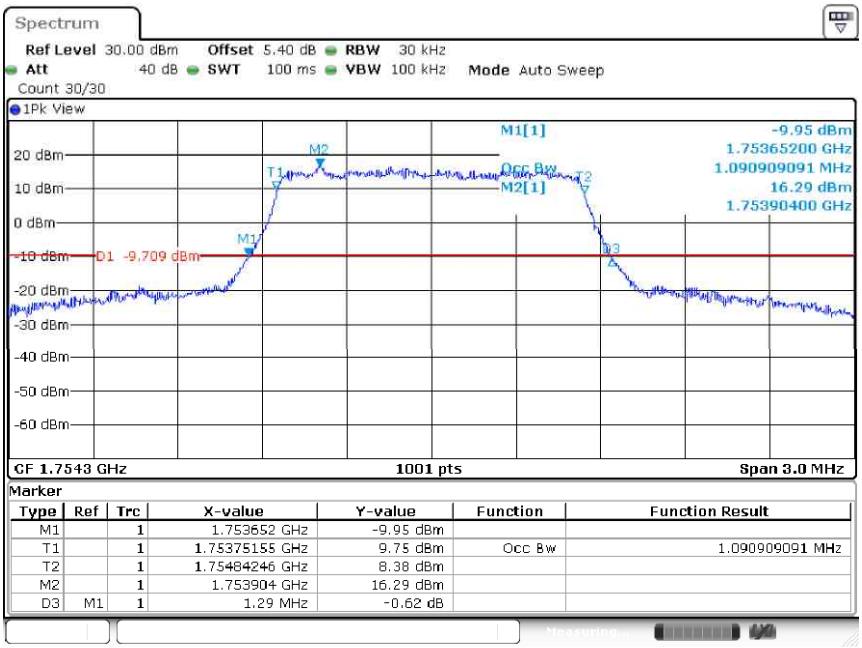

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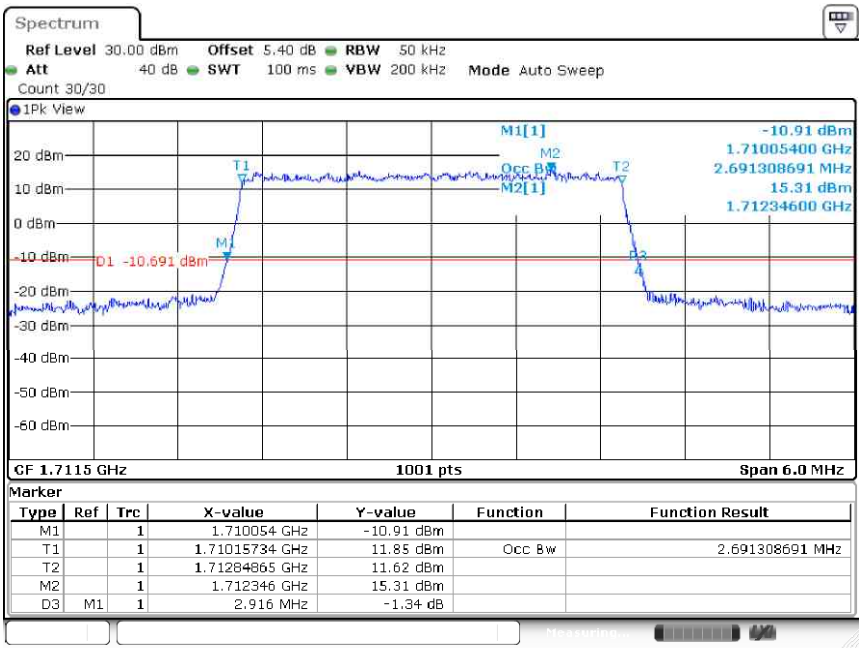
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.753652 GHz	-9.95 dBm		
T1		1	1.75375155 GHz	9.75 dBm	Occ Bw	1.090909091 MHz
T2		1	1.75484246 GHz	8.38 dBm		
M2		1	1.753904 GHz	16.29 dBm		
D3	M1	1	1.29 MHz	-0.62 dB		

Date: 9.JUL.2020 13:47:50

Band4-3MHz-QPSK-19965-15RB#0-2.691



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710054 GHz	-10.91 dBm		
T1		1	1.71015734 GHz	11.85 dBm	Occ Bw	2.691308691 MHz
T2		1	1.71284865 GHz	11.62 dBm		
M2		1	1.712346 GHz	15.31 dBm		
D3	M1	1	2.916 MHz	-1.34 dB		

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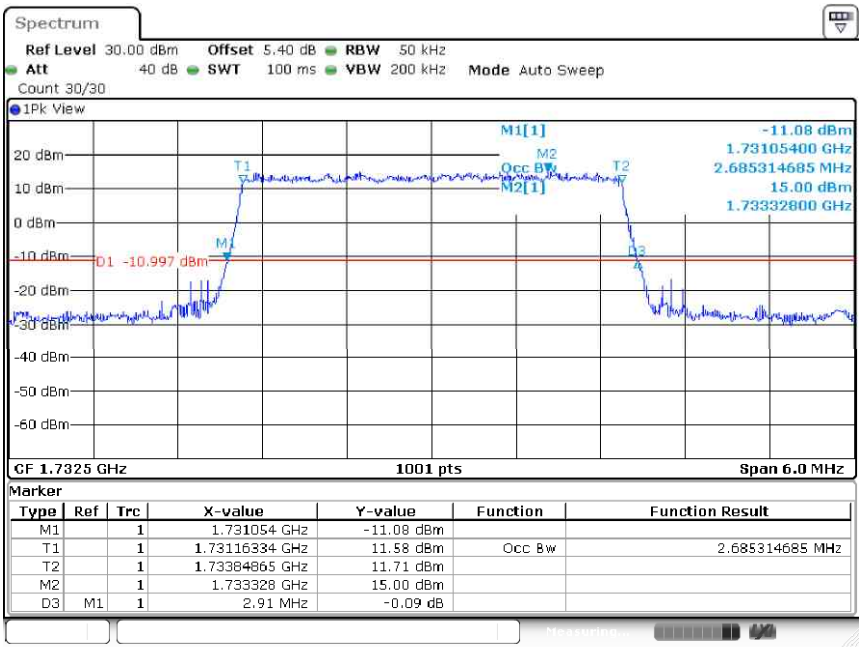
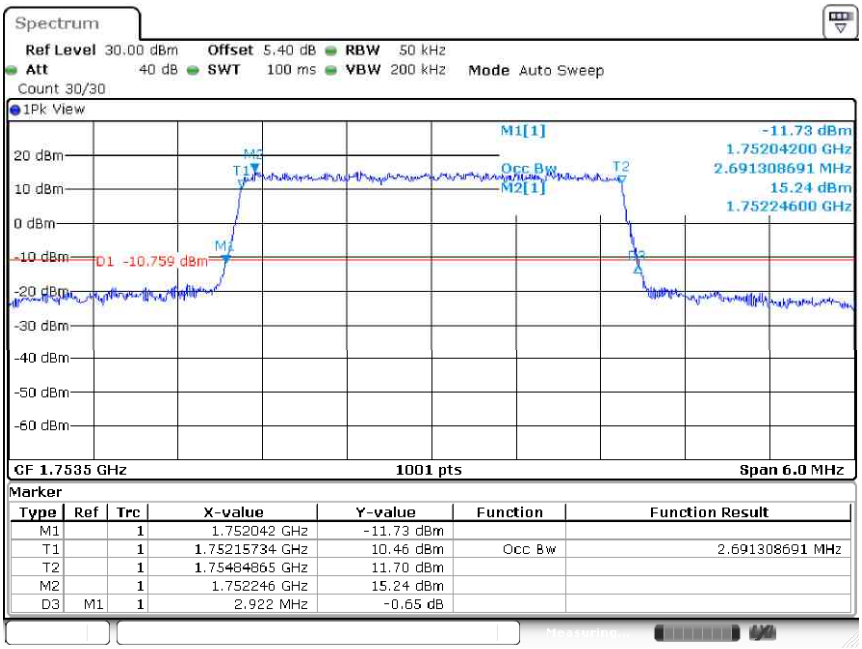
Band4-3MHz-QPSK-20175-15RB#0-2.685



Band4-3MHz-QPSK-20385-15RB#0-2.691



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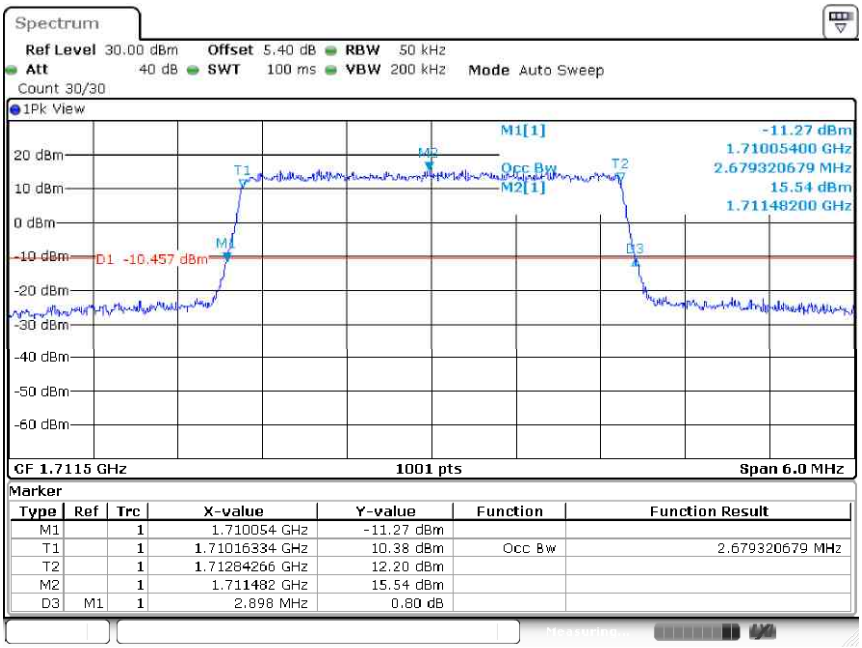
Band4-3MHz-64QAM-19965-15RB#0-2.679

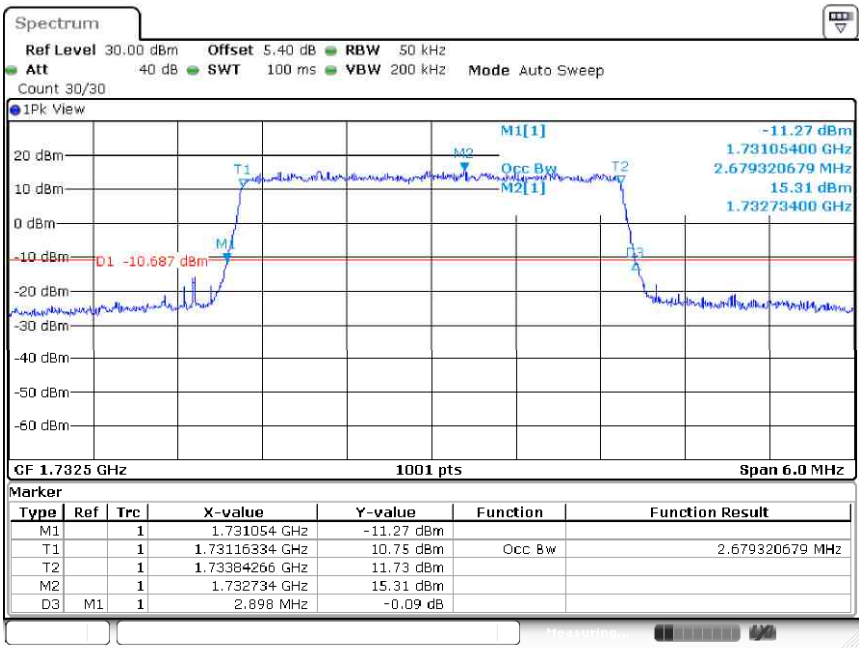


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710054 GHz	-11.27 dBm		
T1		1	1.71016334 GHz	10.38 dBm	Occ Bw	2.679320679 MHz
T2		1	1.71284266 GHz	12.20 dBm		
M2		1	1.711482 GHz	15.54 dBm		
D3	M1	1	2.898 MHz	0.80 dB		

Date: 14.JUL.2020 06:56:19

Band4-3MHz-64QAM-20175-15RB#0-2.679



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.731054 GHz	-11.27 dBm		
T1		1	1.73116334 GHz	10.75 dBm	Occ Bw	2.679320679 MHz
T2		1	1.73384266 GHz	11.73 dBm		
M2		1	1.732734 GHz	15.31 dBm		
D3	M1	1	2.898 MHz	-0.09 dB		

Date: 14.JUL.2020 06:56:32

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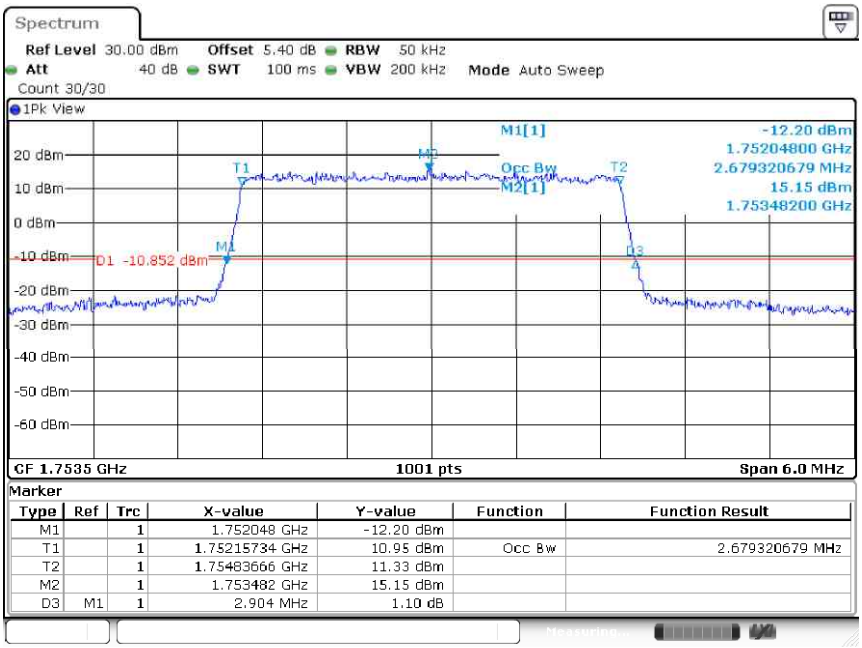
Band4-3MHz-64QAM-20385-15RB#0-2.679



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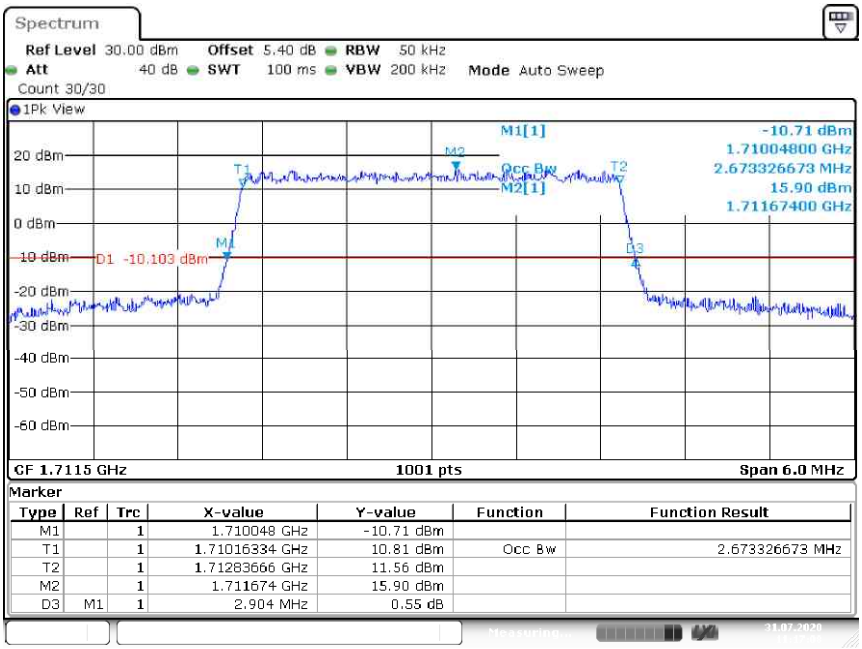
Band4-3MHz-16QAM-19965-15RB#0-2.673



Date: 31.JUL.2020 11:17:09

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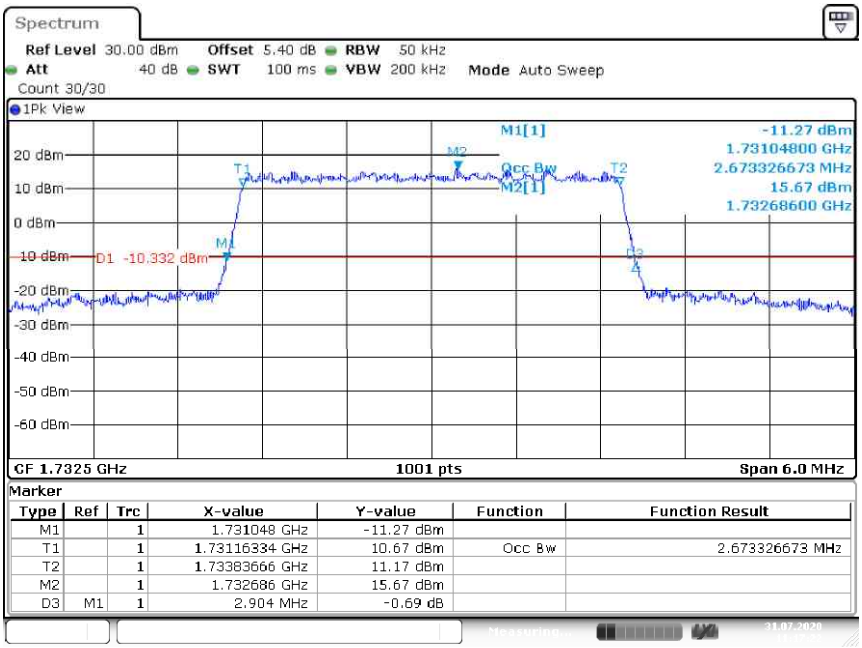

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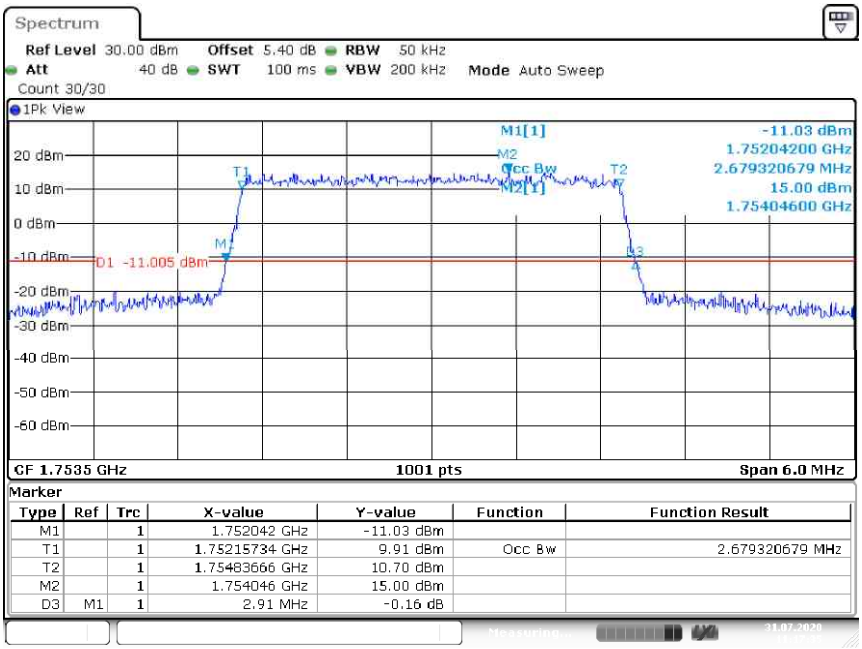
Band4-3MHz-16QAM-20385-15RB#0-2.679



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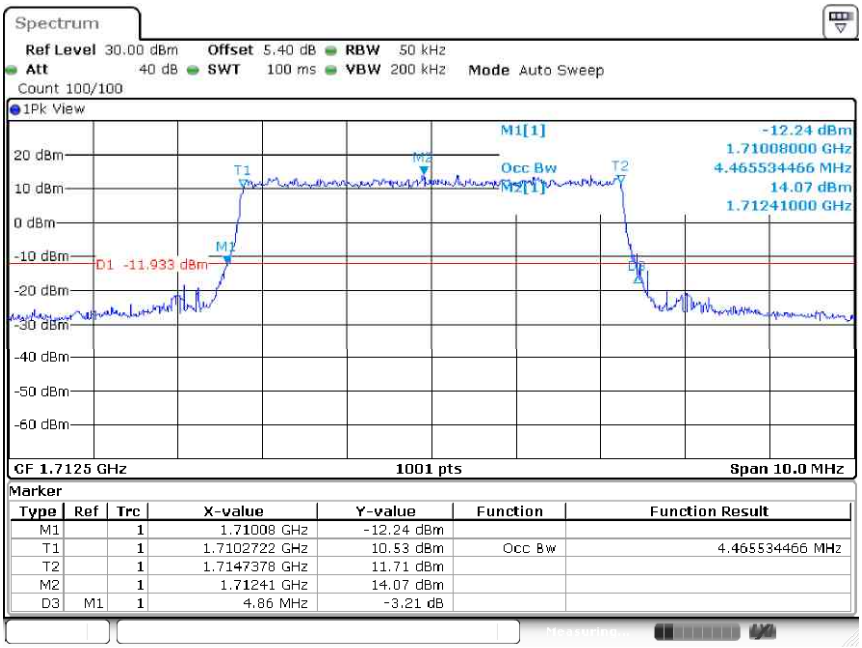
Band4-5MHz-QPSK-19975-25RB#0-4.466

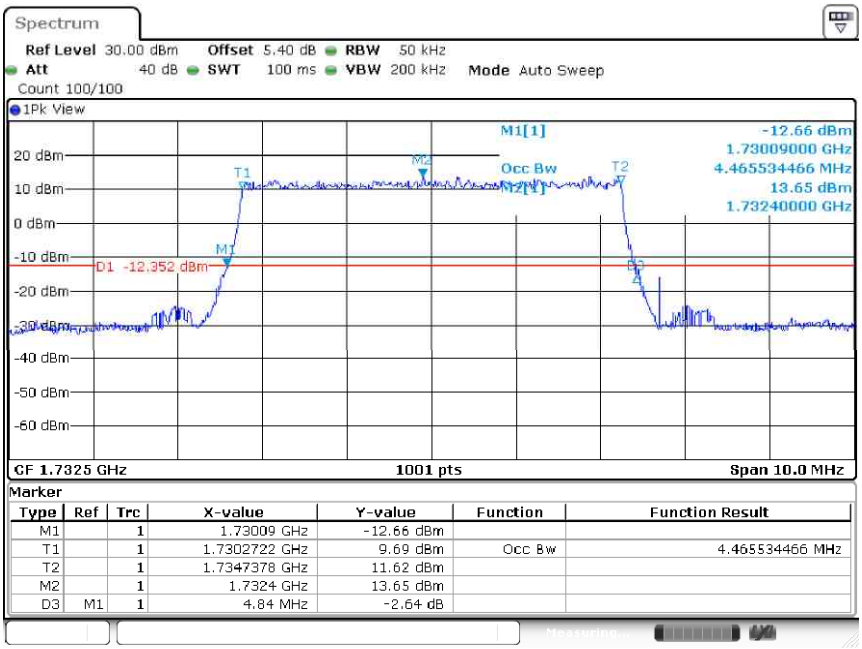


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71008 GHz	-12.24 dBm		
T1		1	1.7102722 GHz	10.53 dBm	Occ Bw	4.465534466 MHz
T2		1	1.7147378 GHz	11.71 dBm		
M2		1	1.71241 GHz	14.07 dBm		
D3	M1	1	4.86 MHz	-3.21 dB		

Date: 9.JUL.2020 13:49:36

Band4-5MHz-QPSK-20175-25RB#0-4.466



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73009 GHz	-12.66 dBm		
T1		1	1.7302722 GHz	9.69 dBm	Occ Bw	4.465534466 MHz
T2		1	1.7347378 GHz	11.62 dBm		
M2		1	1.7324 GHz	13.65 dBm		
D3	M1	1	4.84 MHz	-2.64 dB		

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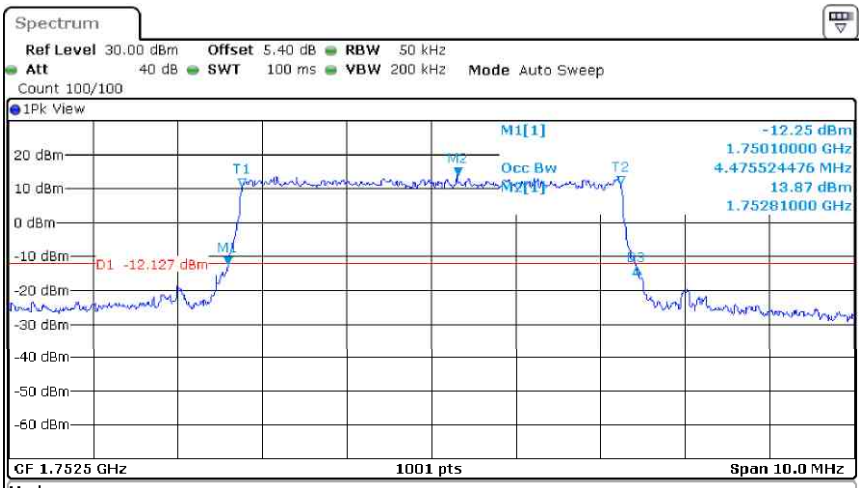
Band4-5MHz-QPSK-20375-25RB#0-4.476



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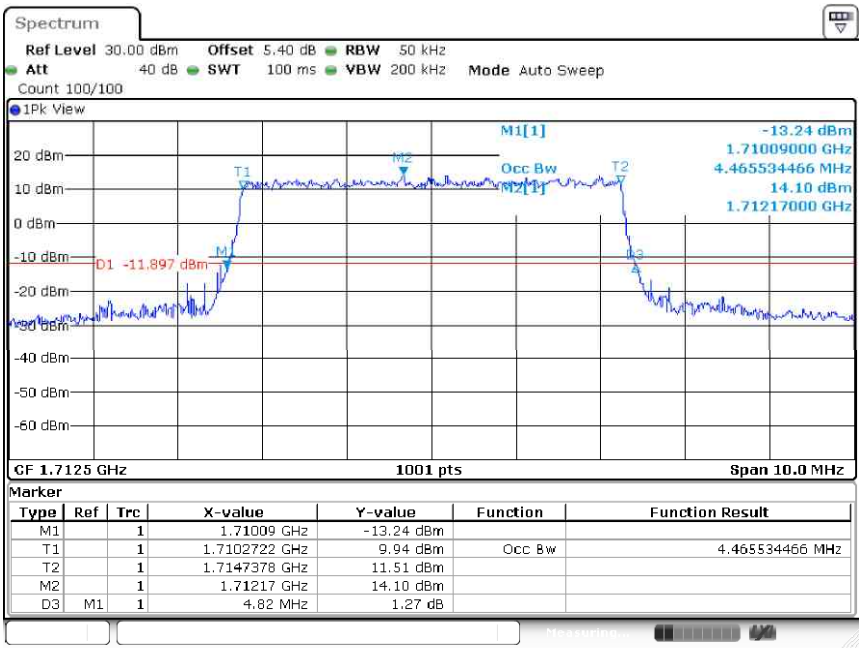
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7501 GHz	-12.25 dBm		
T1		1	1.7502622 GHz	10.84 dBm	Occ Bw	4.475524476 MHz
T2		1	1.7547378 GHz	11.34 dBm		
M2		1	1.75281 GHz	13.87 dBm		
D3	M1	1	4.83 MHz	-0.72 dB		

Date: 9.JUL.2020 13:50:56

Band4-5MHz-64QAM-19975-25RB#0-4.466



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71009 GHz	-13.24 dBm		
T1		1	1.7102722 GHz	9.94 dBm	Occ Bw	4.465534466 MHz
T2		1	1.7147378 GHz	11.51 dBm		
M2		1	1.71217 GHz	14.10 dBm		
D3	M1	1	4.82 MHz	1.27 dB		

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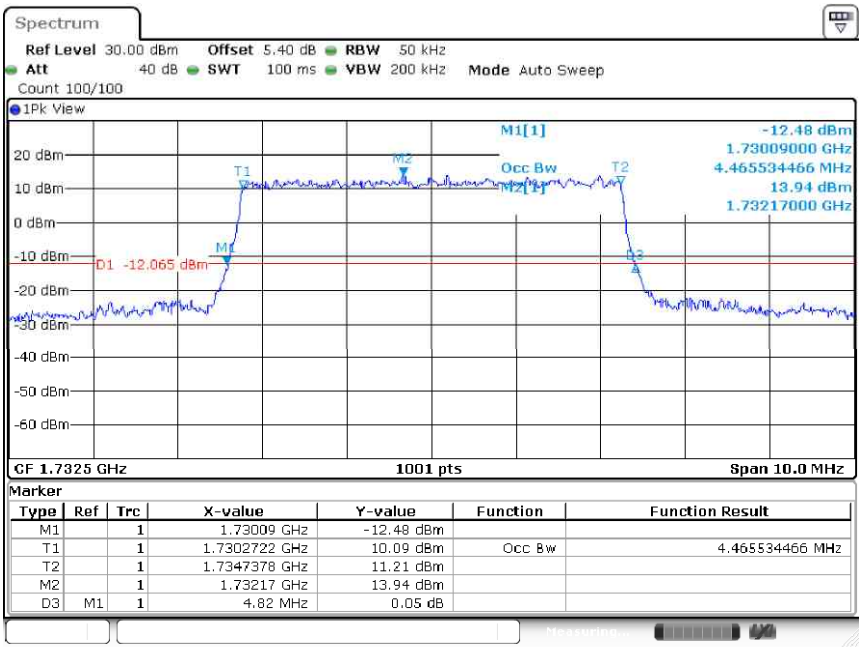
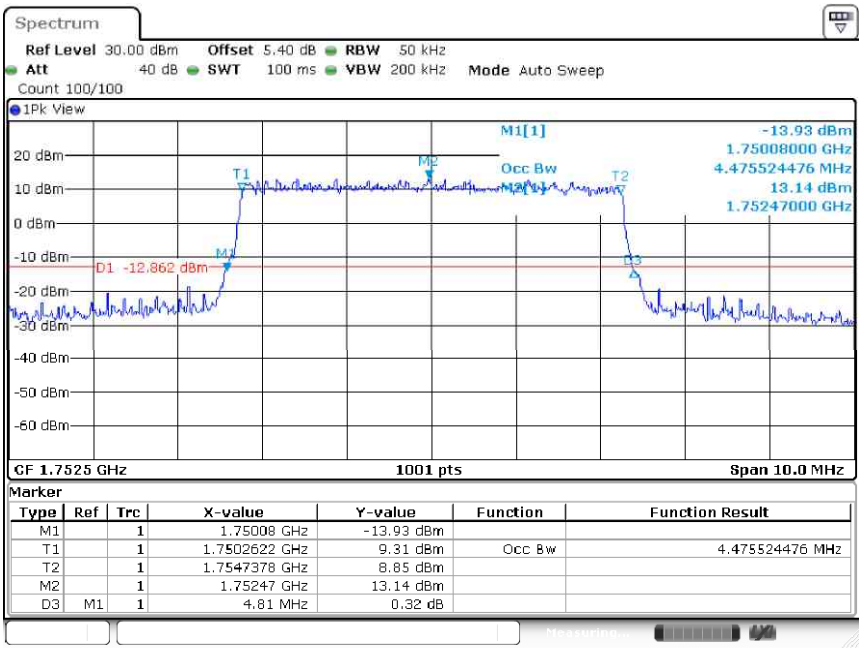
Band4-5MHz-64QAM-20175-25RB#0-4.466



Date: 14.JUL.2020 06:57:30

Band4-5MHz-64QAM-20375-25RB#0-4.476



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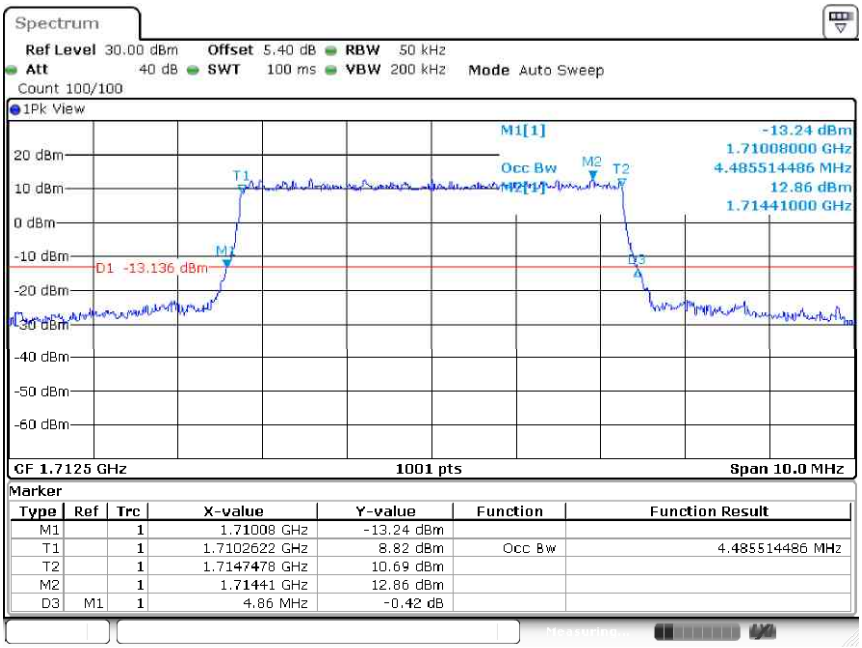
Band4-5MHz-16QAM-19975-25RB#0-4.486



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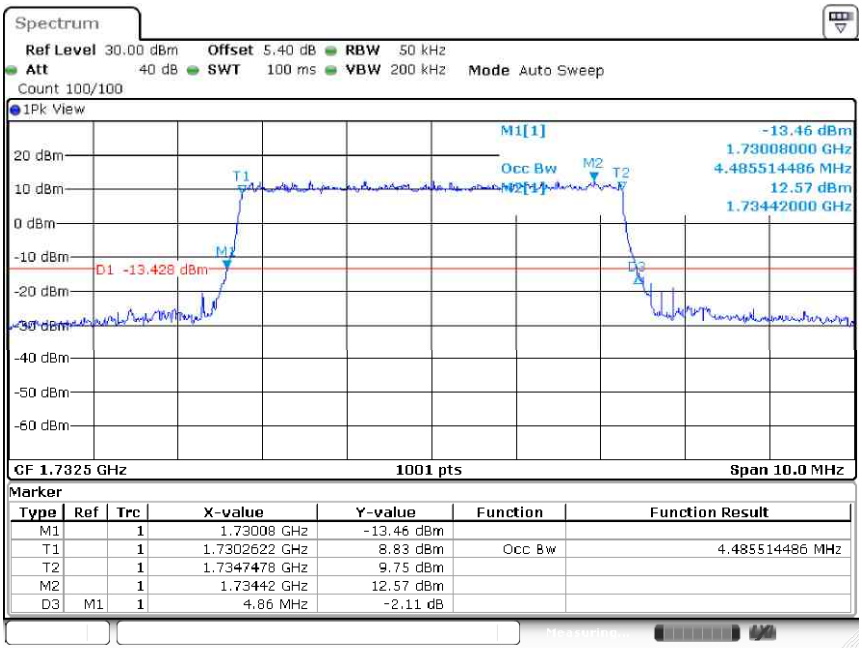
Band4-5MHz-16QAM-20175-25RB#0-4.486



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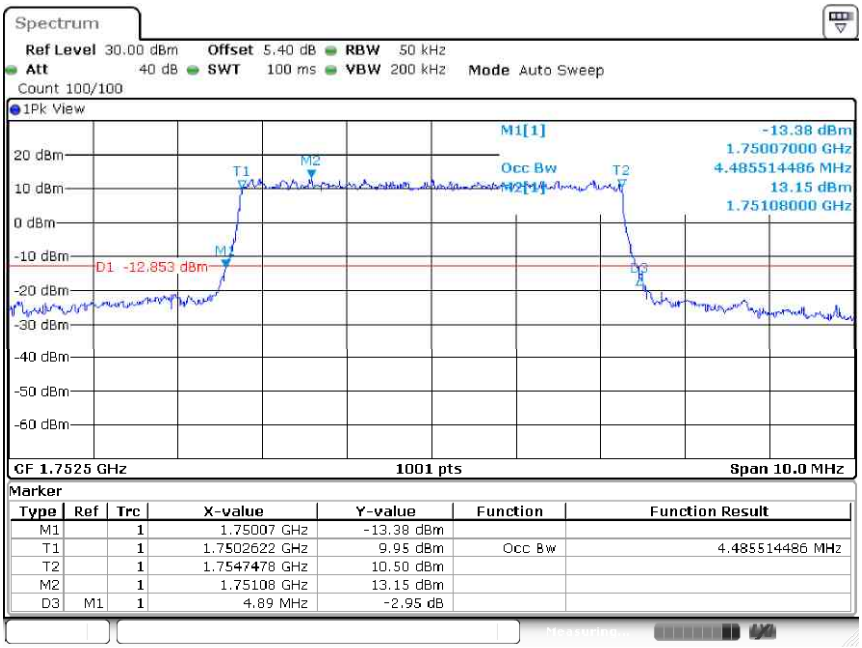
Band4-5MHz-16QAM-20375-25RB#0-4.486



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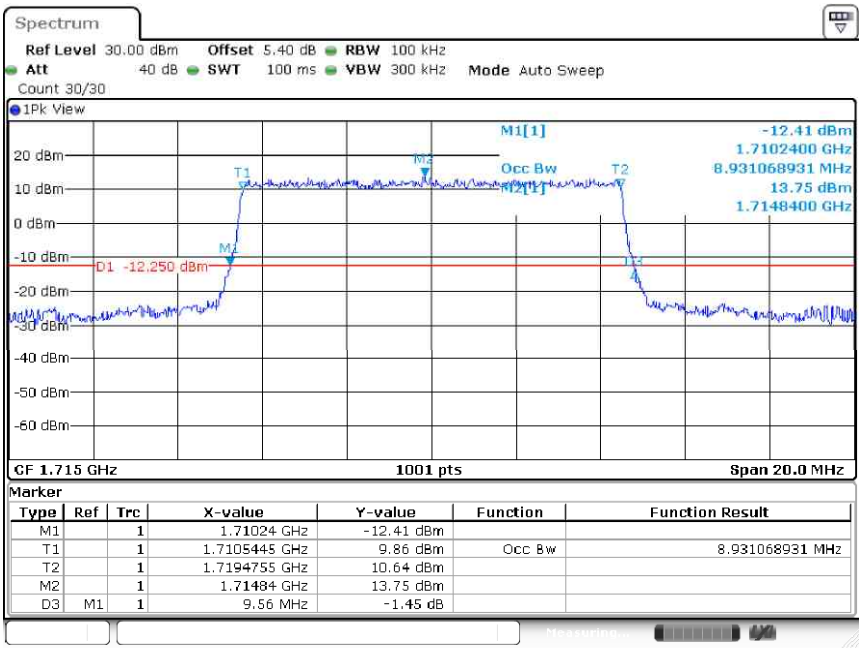
Band4-10MHz-QPSK-20000-50RB#0-8.931



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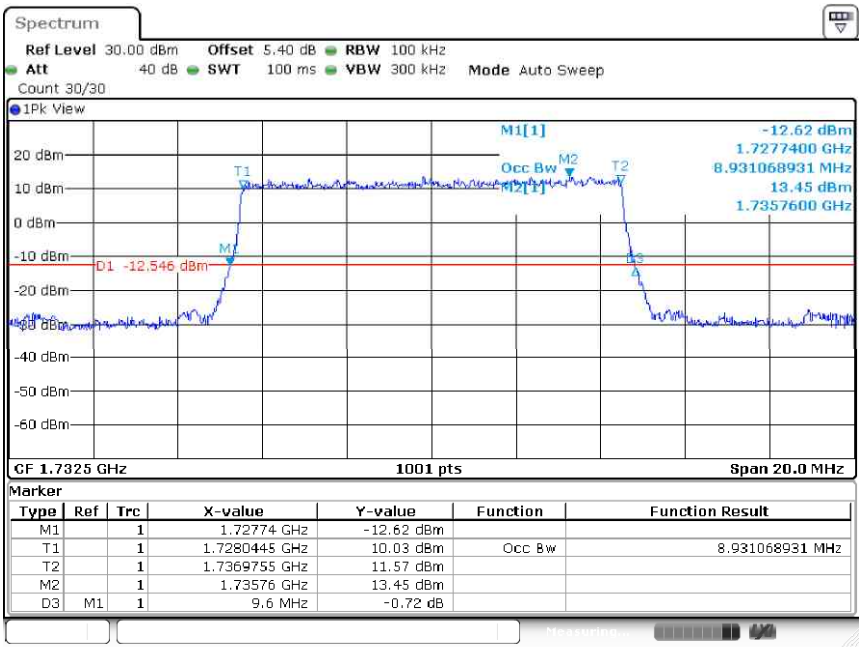
Band4-10MHz-QPSK-20175-50RB#0-8.931

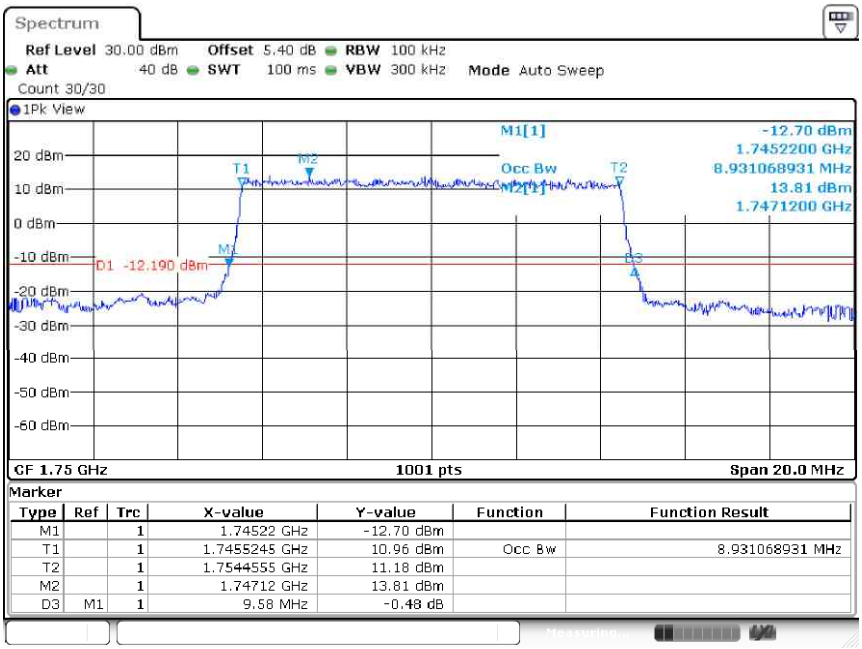


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72774 GHz	-12.62 dBm		
T1		1	1.7280445 GHz	10.03 dBm	Occ Bw	8.931068931 MHz
T2		1	1.7369755 GHz	11.57 dBm		
M2		1	1.73576 GHz	13.45 dBm		
D3	M1	1	9.6 MHz	-0.72 dB		

Date: 9.JUL.2020 13:51:58

Band4-10MHz-QPSK-20350-50RB#0-8.931



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74522 GHz	-12.70 dBm		
T1		1	1.7455245 GHz	10.96 dBm	Occ Bw	8.931068931 MHz
T2		1	1.7544555 GHz	11.18 dBm		
M2		1	1.74712 GHz	13.81 dBm		
D3	M1	1	9.58 MHz	-0.48 dB		

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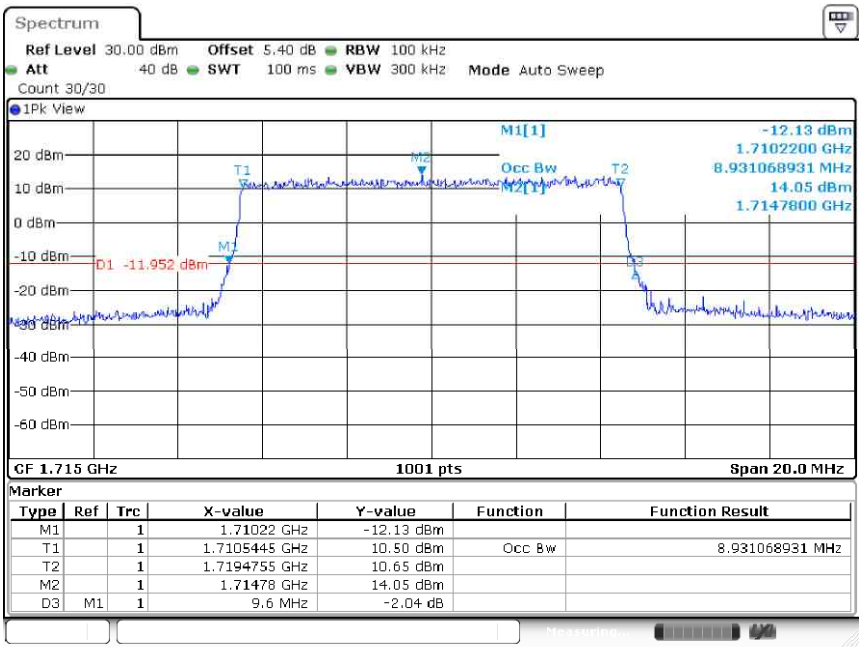
Band4-10MHz-64QAM-20000-50RB#0-8.931

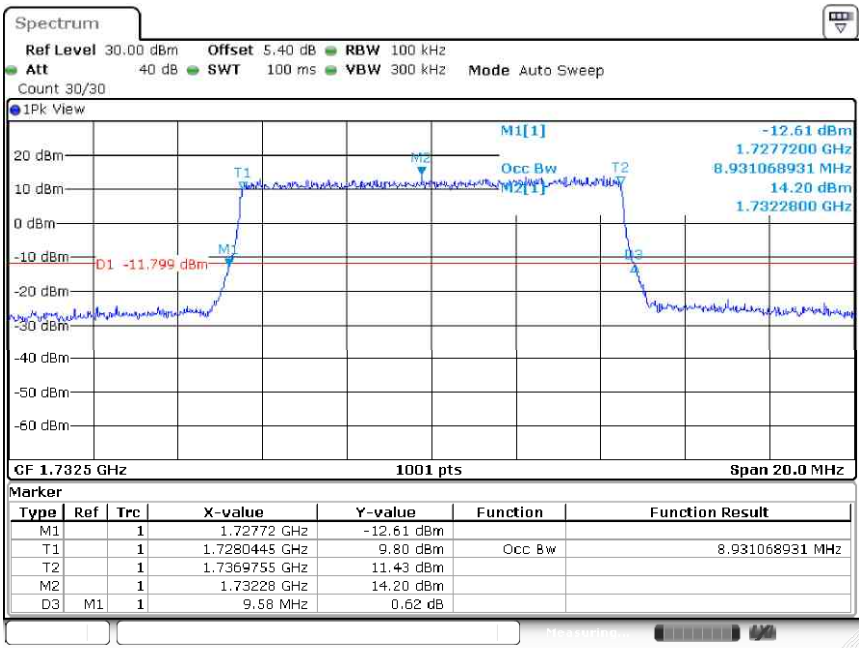


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71022 GHz	-12.13 dBm		
T1		1	1.7105445 GHz	10.50 dBm	Occ Bw	8.931068931 MHz
T2		1	1.7194755 GHz	10.65 dBm		
M2		1	1.71478 GHz	14.05 dBm		
D3	M1	1	9.6 MHz	-2.04 dB		

Date: 14.JUL.2020 06:58:08

Band4-10MHz-64QAM-20175-50RB#0-8.931



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72772 GHz	-12.61 dBm		
T1		1	1.7280445 GHz	9.80 dBm	Occ Bw	8.931068931 MHz
T2		1	1.7369755 GHz	11.43 dBm		
M2		1	1.73228 GHz	14.20 dBm		
D3	M1	1	9.58 MHz	0.62 dB		

Date: 14.JUL.2020 06:58:21

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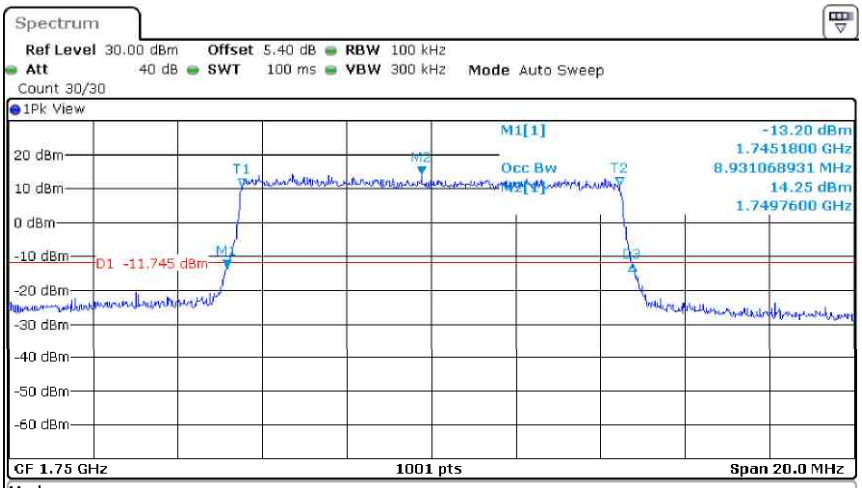
Band4-10MHz-64QAM-20350-50RB#0-8.931

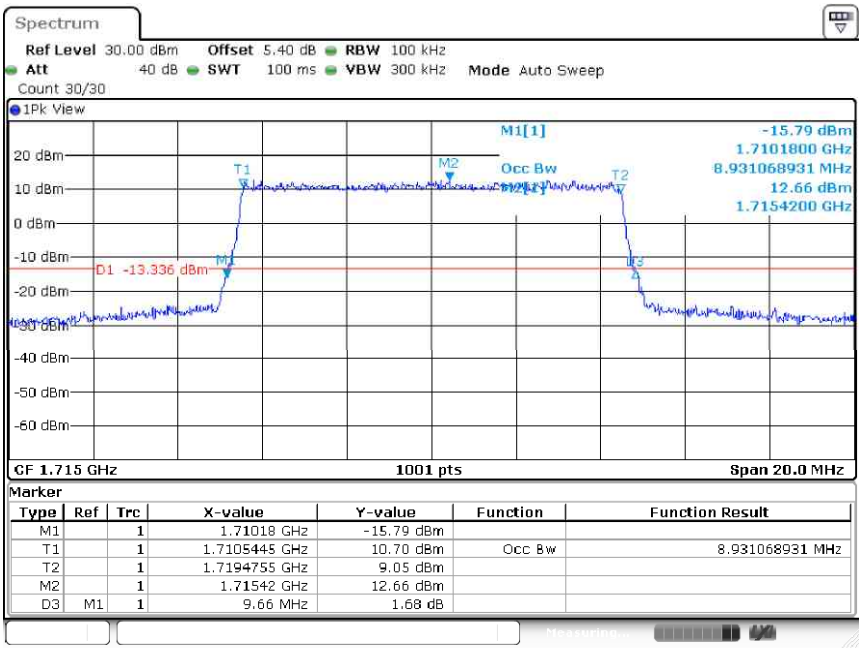


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74518 GHz	-13.20 dBm		
T1		1	1.7455245 GHz	10.66 dBm	Occ Bw	8.931068931 MHz
T2		1	1.7544555 GHz	10.94 dBm		
M2		1	1.74976 GHz	14.25 dBm		
D3	M1	1	9.58 MHz	1.02 dB		

Date: 14.JUL.2020 06:58:34

Band4-10MHz-16QAM-20000-50RB#0-8.931



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71018 GHz	-15.79 dBm		
T1		1	1.7105445 GHz	10.70 dBm	Occ Bw	8.931068931 MHz
T2		1	1.7194755 GHz	9.05 dBm		
M2		1	1.71542 GHz	12.66 dBm		
D3	M1	1	9.66 MHz	1.68 dB		

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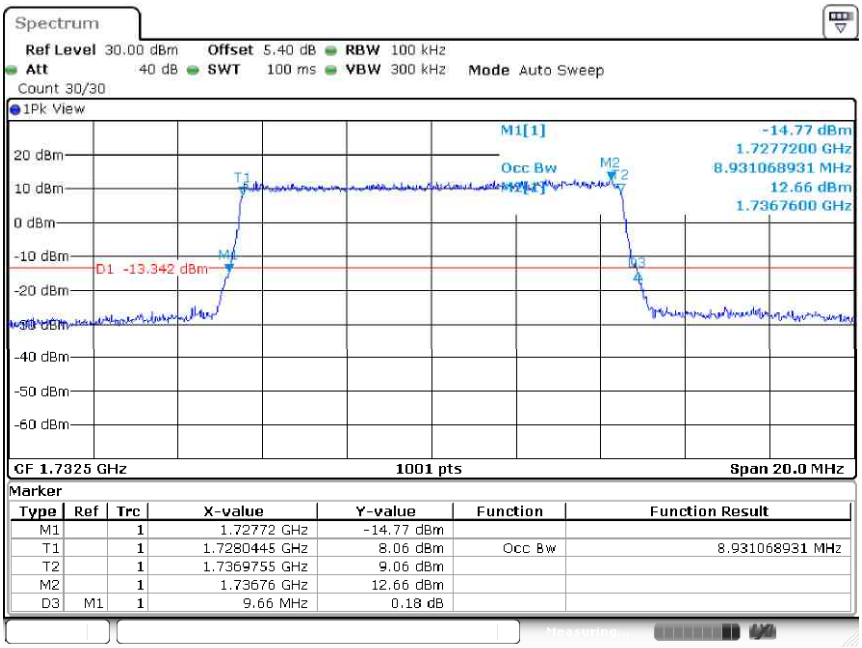
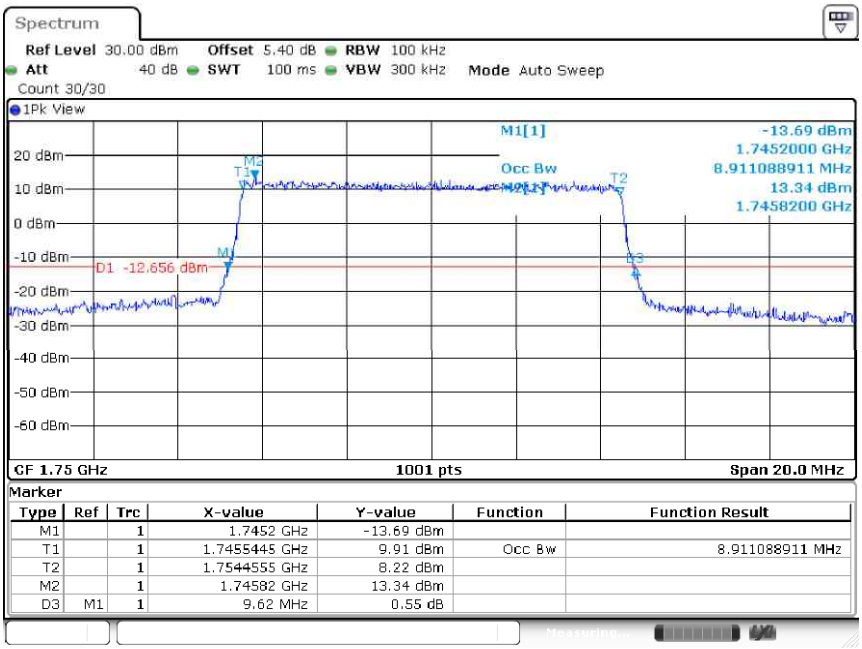


Date: 9.JUL.2020 13:52:11

Band4-10MHz-16QAM-20350-50RB#0-8.911



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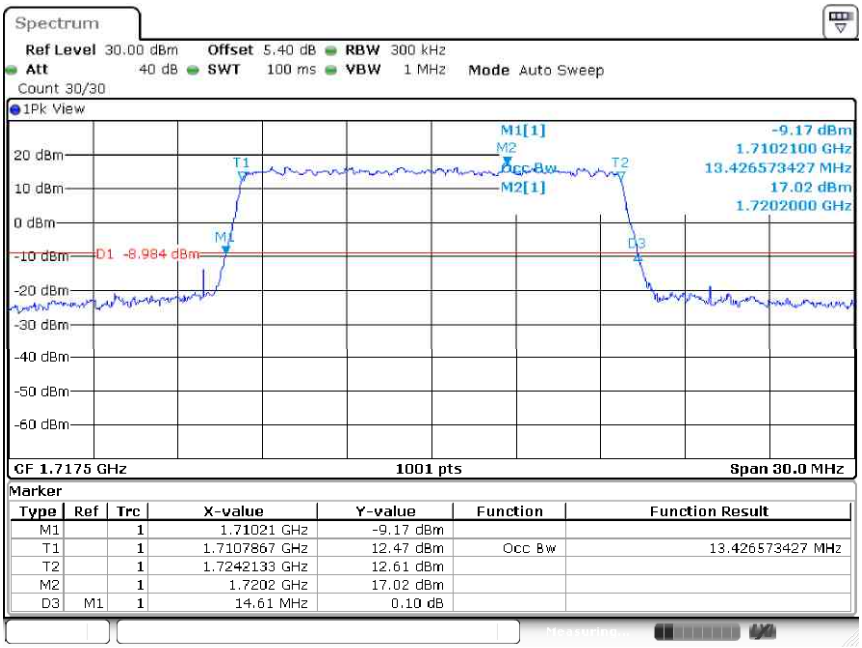
Band4-15MHz-QPSK-20025-75RB#0-13.427

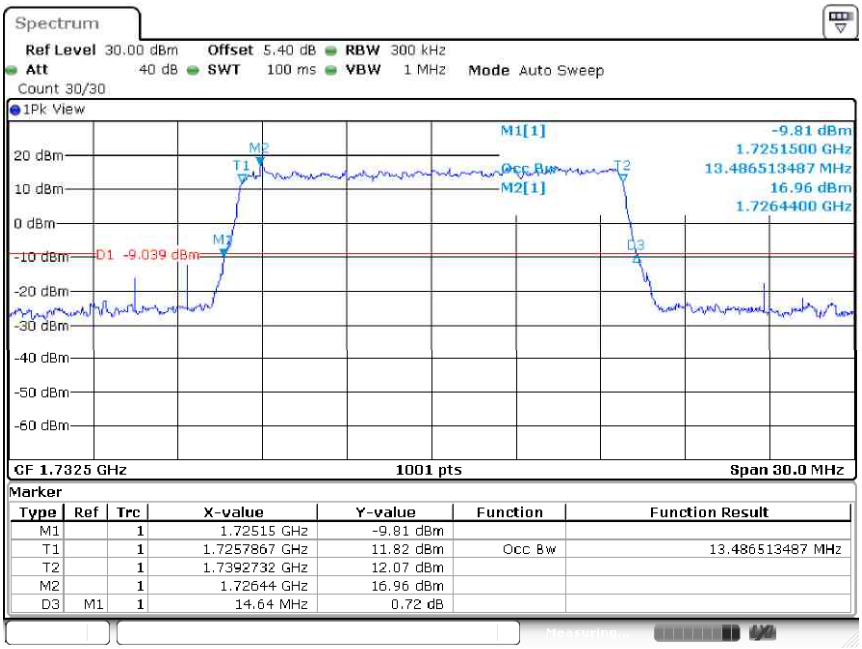


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71021 GHz	-9.17 dBm		
T1		1	1.7107867 GHz	12.47 dBm	Occ Bw	13.426573427 MHz
T2		1	1.7242133 GHz	12.61 dBm		
M2		1	1.7202 GHz	17.02 dBm		
D3	M1	1	14.61 MHz	0.10 dB		

Date: 9.JUL.2020 13:52:54

Band4-15MHz-QPSK-20175-75RB#0-13.487



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72515 GHz	-9.81 dBm		
T1		1	1.7257867 GHz	11.82 dBm	Occ Bw	13.486513487 MHz
T2		1	1.7392732 GHz	12.07 dBm		
M2		1	1.72644 GHz	16.96 dBm		
D3	M1	1	14.64 MHz	0.72 dB		

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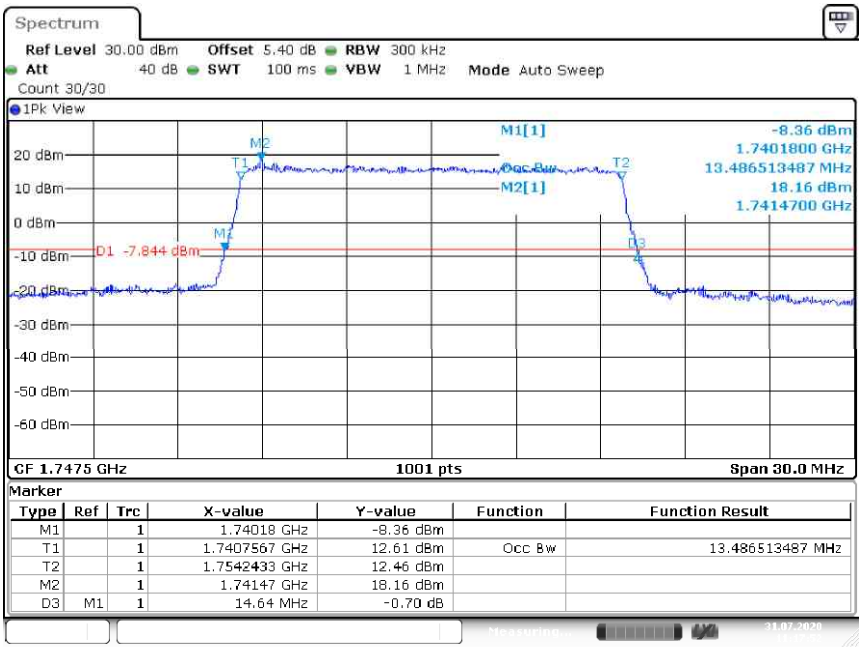
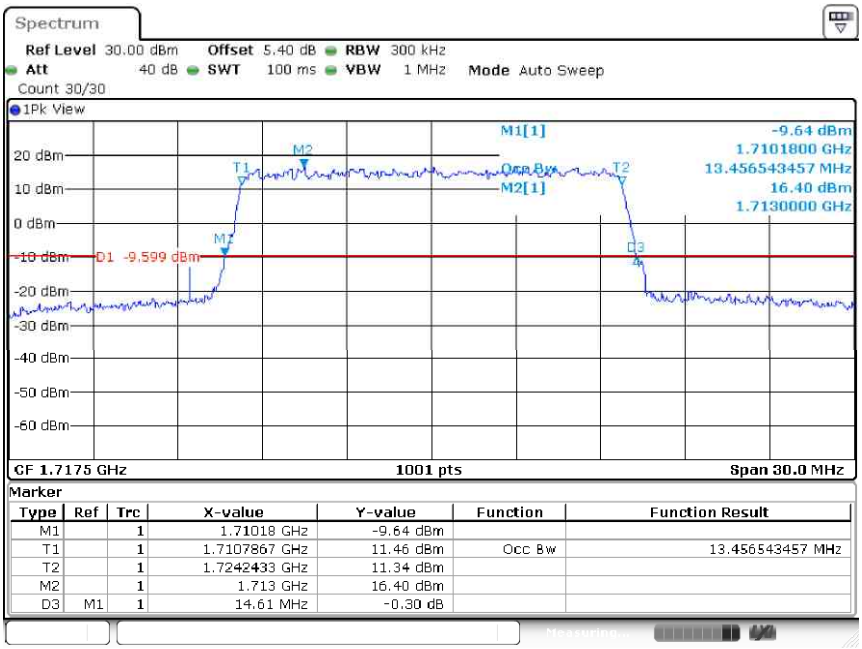


Date: 31.JUL.2020 11:17:53

Band4-15MHz-64QAM-20025-75RB#0-13.457



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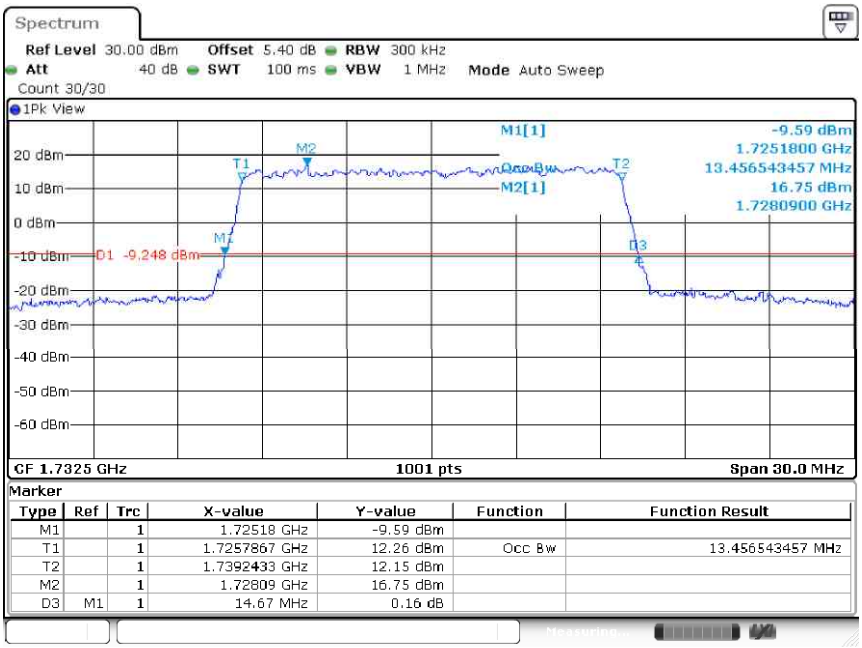
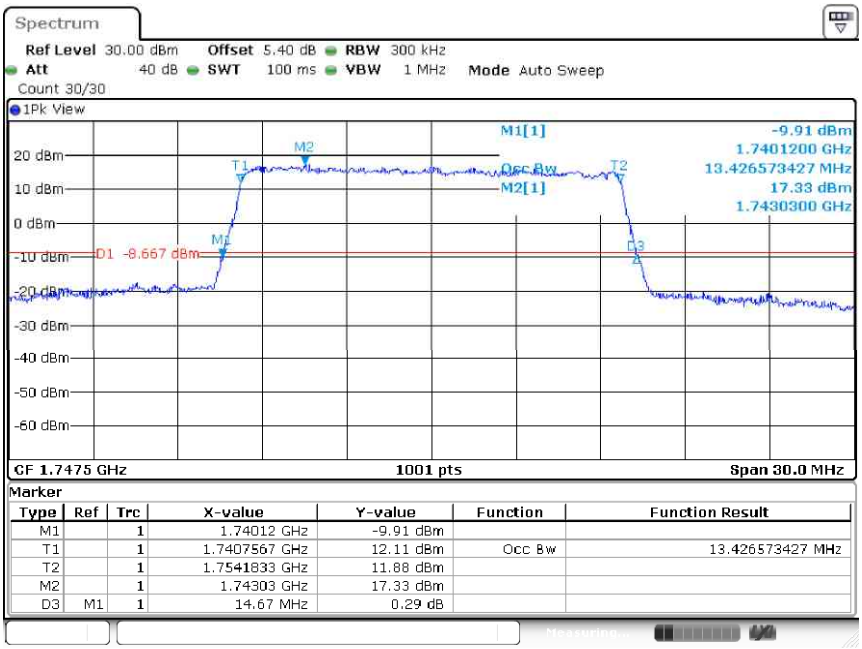


Date: 14.JUL.2020 06:59:05

Band4-15MHz-64QAM-20325-75RB#0-13.427



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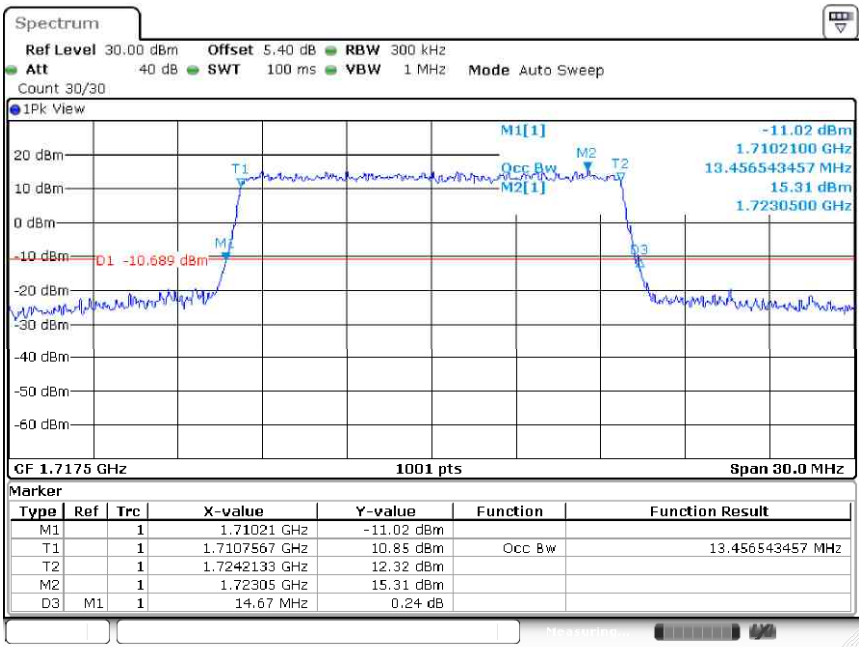
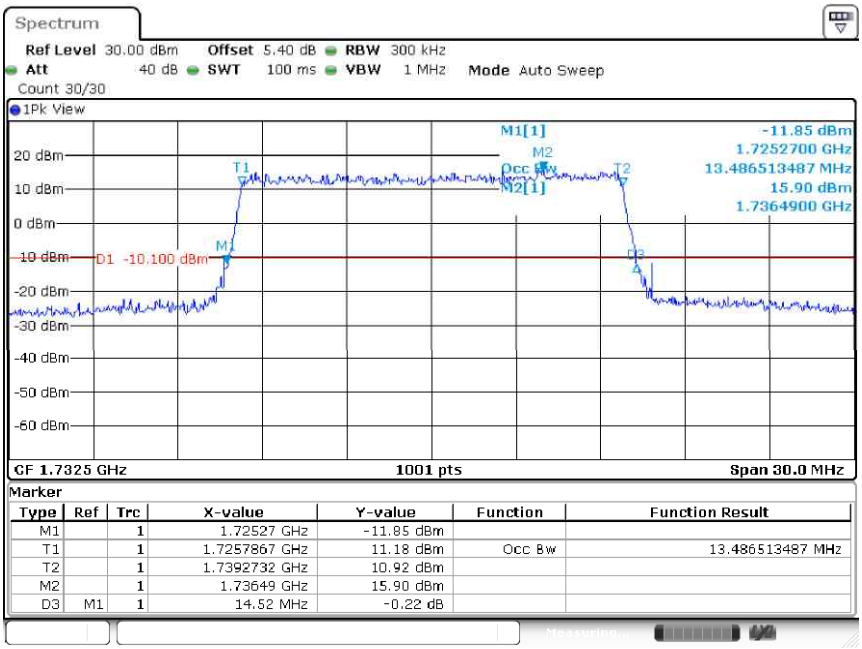


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71021 GHz	-11.02 dBm		
T1		1	1.7107567 GHz	10.85 dBm	Occ Bw	13.456543457 MHz
T2		1	1.7242133 GHz	12.32 dBm		
M2		1	1.72305 GHz	15.31 dBm		
D3	M1	1	14.67 MHz	0.24 dB		

Date: 9.JUL.2020 13:53:06

Band4-15MHz-16QAM-20175-75RB#0-13.487



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72527 GHz	-11.85 dBm		
T1		1	1.7257867 GHz	11.18 dBm	Occ Bw	13.486513487 MHz
T2		1	1.7392732 GHz	10.92 dBm		
M2		1	1.73649 GHz	15.90 dBm		
D3	M1	1	14.52 MHz	-0.22 dB		

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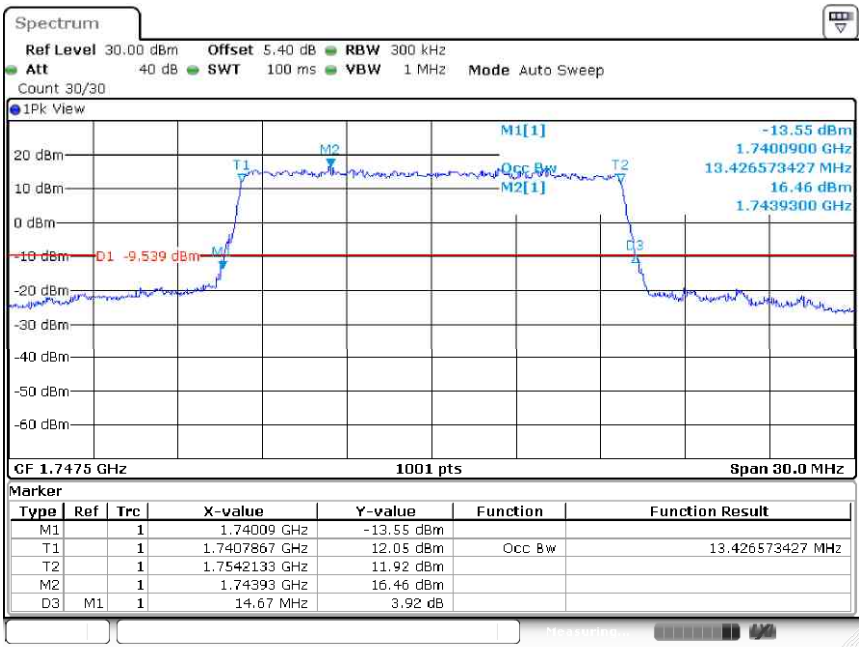
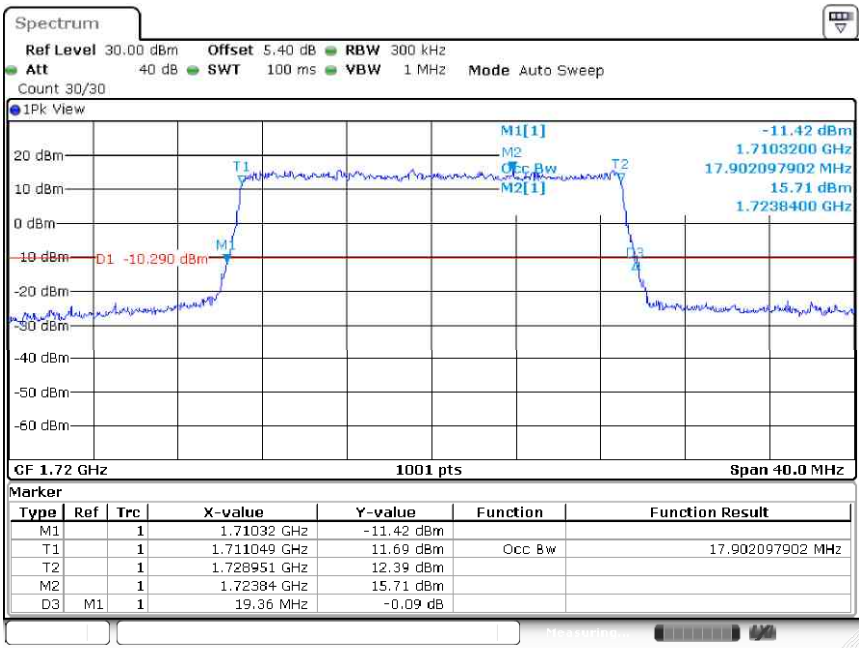


Date: 9.JUL.2020 13:53:58

Band4-20MHz-QPSK-20050-100RB#0-17.902



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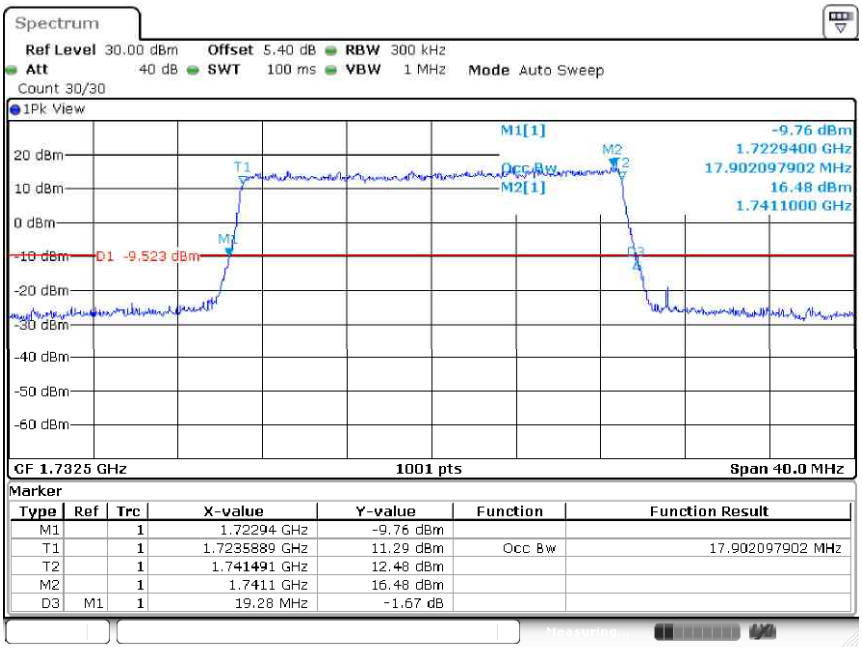
Band4-20MHz-QPSK-20175-100RB#0-17.902



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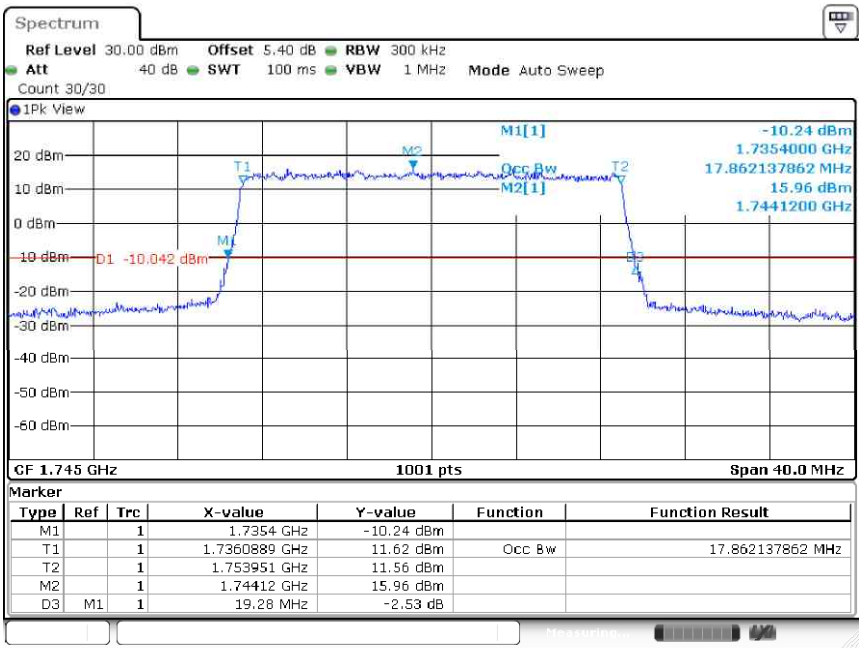
Band4-20MHz-QPSK-20300-100RB#0-17.862



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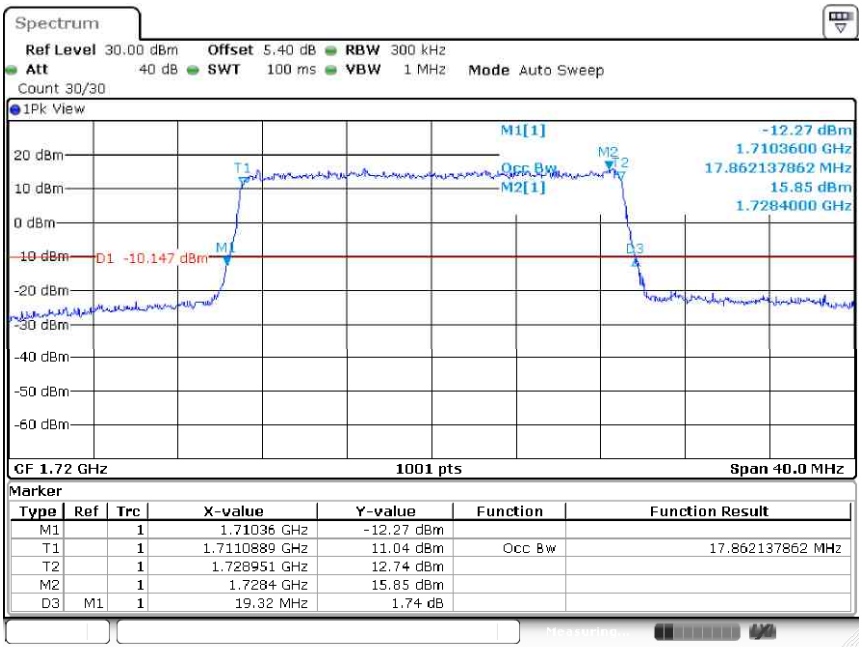
Band4-20MHz-64QAM-20050-100RB#0-17.862



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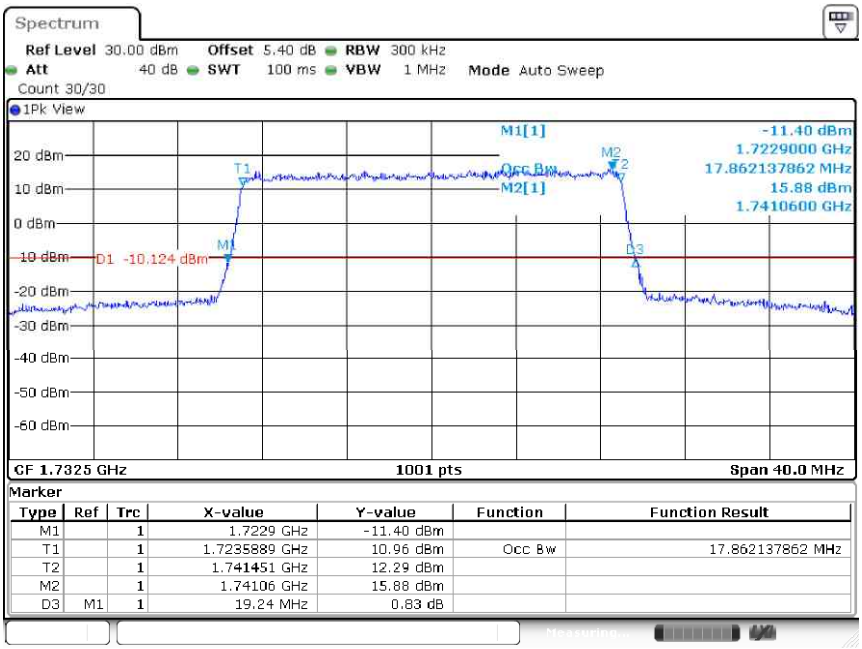
Band4-20MHz-64QAM-20175-100RB#0-17.862



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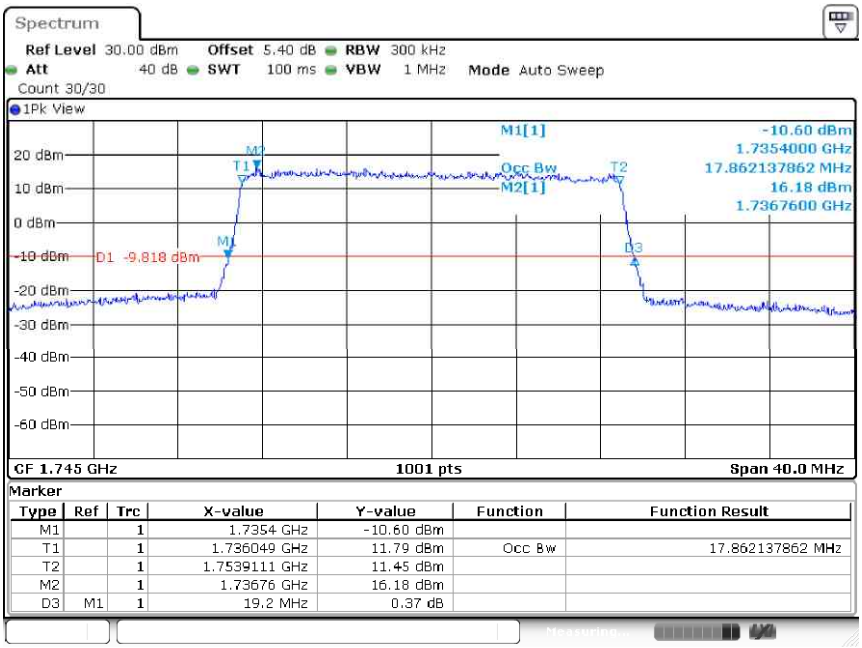

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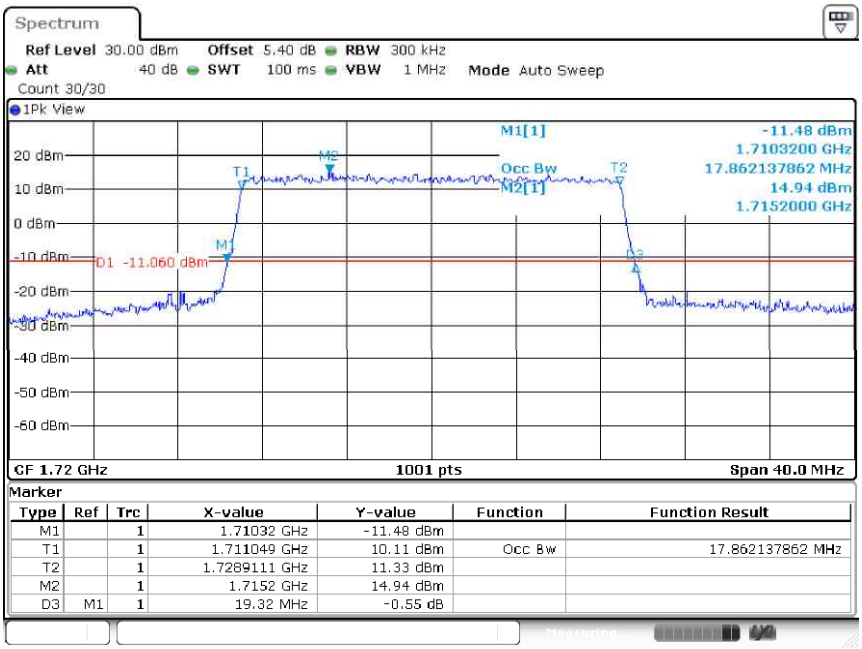
Band4-20MHz-16QAM-20050-100RB#0-17.862



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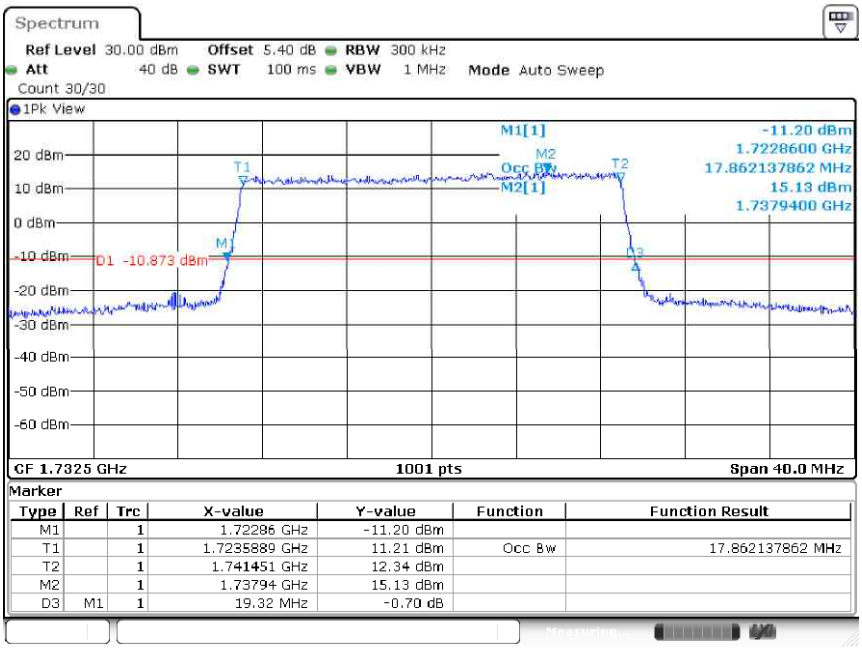
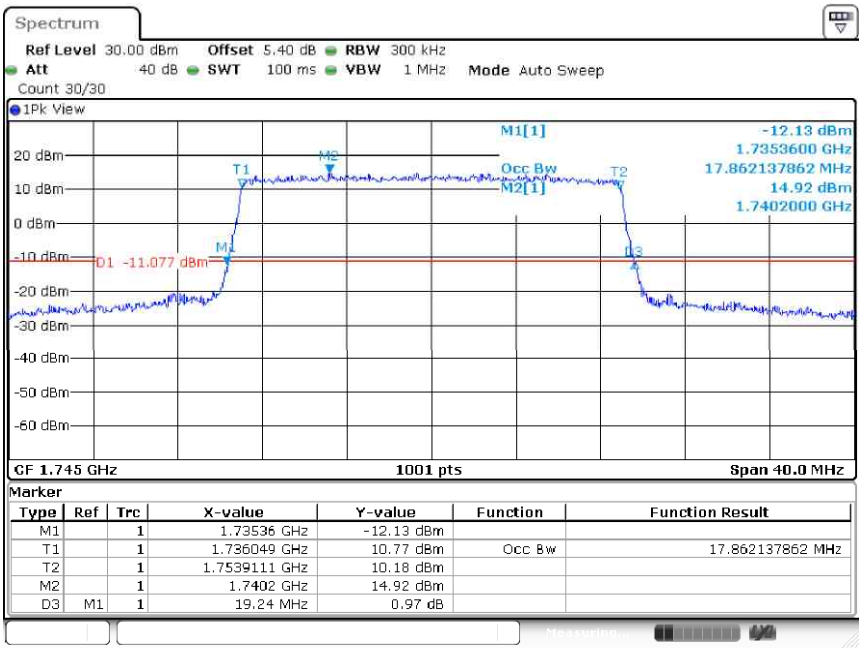


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72286 GHz	-11.20 dBm		
T1		1	1.7235889 GHz	11.21 dBm	Occ Bw	17.862137862 MHz
T2		1	1.741451 GHz	12.34 dBm		
M2		1	1.73794 GHz	15.13 dBm		
D3	M1	1	19.32 MHz	-0.70 dB		

Date: 9.JUL.2020 13:54:53

Band4-20MHz-16QAM-20300-100RB#0-17.862



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73536 GHz	-12.13 dBm		
T1		1	1.736049 GHz	10.77 dBm	Occ Bw	17.862137862 MHz
T2		1	1.7539111 GHz	10.18 dBm		
M2		1	1.7402 GHz	14.92 dBm		
D3	M1	1	19.24 MHz	0.97 dB		

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5. Band Edge Compliance

5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-21.25	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-27.48	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-19.55	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-26.54	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	-21.23	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	-28.74	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	-19.75	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	-28.69	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-21.87	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.29	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-21.06	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-27.58	PASS
Band4	3MHz	QPSK	19965	1RB#0	-21.39	PASS
Band4	3MHz	QPSK	19965	15RB#0	-32.84	PASS
Band4	3MHz	QPSK	20385	1RB#14	-21.57	PASS
Band4	3MHz	QPSK	20385	15RB#0	-30.71	PASS
Band4	3MHz	64QAM	19965	1RB#0	-21.99	PASS
Band4	3MHz	64QAM	19965	15RB#0	-33.26	PASS
Band4	3MHz	64QAM	20385	1RB#14	-21.12	PASS
Band4	3MHz	64QAM	20385	15RB#0	-32.14	PASS
Band4	3MHz	16QAM	19965	1RB#0	-21.04	PASS
Band4	3MHz	16QAM	19965	15RB#0	-34.01	PASS
Band4	3MHz	16QAM	20385	1RB#14	-22.11	PASS
Band4	3MHz	16QAM	20385	15RB#0	-32.52	PASS
Band4	5MHz	QPSK	19975	1RB#0	-19.84	PASS
Band4	5MHz	QPSK	19975	25RB#0	-31.39	PASS
Band4	5MHz	QPSK	20375	1RB#24	-19.99	PASS
Band4	5MHz	QPSK	20375	25RB#0	-31.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	-19.81	PASS
Band4	5MHz	64QAM	19975	25RB#0	-32.35	PASS
Band4	5MHz	64QAM	20375	1RB#24	-19.61	PASS
Band4	5MHz	64QAM	20375	25RB#0	-31.53	PASS

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Band4	5MHz	16QAM	19975	1RB#0	-20.75	PASS
Band4	5MHz	16QAM	19975	25RB#0	-32.09	PASS
Band4	5MHz	16QAM	20375	1RB#24	-19.50	PASS
Band4	5MHz	16QAM	20375	25RB#0	-31.34	PASS
Band4	10MHz	QPSK	20000	1RB#0	-22.49	PASS
Band4	10MHz	QPSK	20000	50RB#0	-33.14	PASS
Band4	10MHz	QPSK	20350	1RB#49	-21.47	PASS
Band4	10MHz	QPSK	20350	50RB#0	-31.80	PASS
Band4	10MHz	64QAM	20000	1RB#0	-22.11	PASS
Band4	10MHz	64QAM	20000	50RB#0	-33.80	PASS
Band4	10MHz	64QAM	20350	1RB#49	-21.72	PASS
Band4	10MHz	64QAM	20350	50RB#0	-32.58	PASS
Band4	10MHz	16QAM	20000	1RB#0	-22.34	PASS
Band4	10MHz	16QAM	20000	50RB#0	-33.84	PASS
Band4	10MHz	16QAM	20350	1RB#49	-22.92	PASS
Band4	10MHz	16QAM	20350	50RB#0	-33.06	PASS
Band4	15MHz	QPSK	20025	1RB#0	-22.54	PASS
Band4	15MHz	QPSK	20025	75RB#0	-33.11	PASS
Band4	15MHz	QPSK	20325	1RB#74	-21.77	PASS
Band4	15MHz	QPSK	20325	75RB#0	-32.88	PASS
Band4	15MHz	64QAM	20025	1RB#0	-22.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	-33.19	PASS
Band4	15MHz	64QAM	20325	1RB#74	-21.43	PASS
Band4	15MHz	64QAM	20325	75RB#0	-32.12	PASS
Band4	15MHz	16QAM	20025	1RB#0	-23.75	PASS
Band4	15MHz	16QAM	20025	75RB#0	-33.56	PASS
Band4	15MHz	16QAM	20325	1RB#74	-21.40	PASS
Band4	15MHz	16QAM	20325	75RB#0	-33.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	-23.90	PASS
Band4	20MHz	QPSK	20050	100RB#0	-32.99	PASS
Band4	20MHz	QPSK	20300	1RB#99	-23.46	PASS
Band4	20MHz	QPSK	20300	100RB#0	-33.14	PASS
Band4	20MHz	64QAM	20050	1RB#0	-23.50	PASS
Band4	20MHz	64QAM	20050	100RB#0	-32.86	PASS
Band4	20MHz	64QAM	20300	1RB#99	-22.37	PASS
Band4	20MHz	64QAM	20300	100RB#0	-32.50	PASS
Band4	20MHz	16QAM	20050	1RB#0	-23.87	PASS
Band4	20MHz	16QAM	20050	100RB#0	-33.12	PASS

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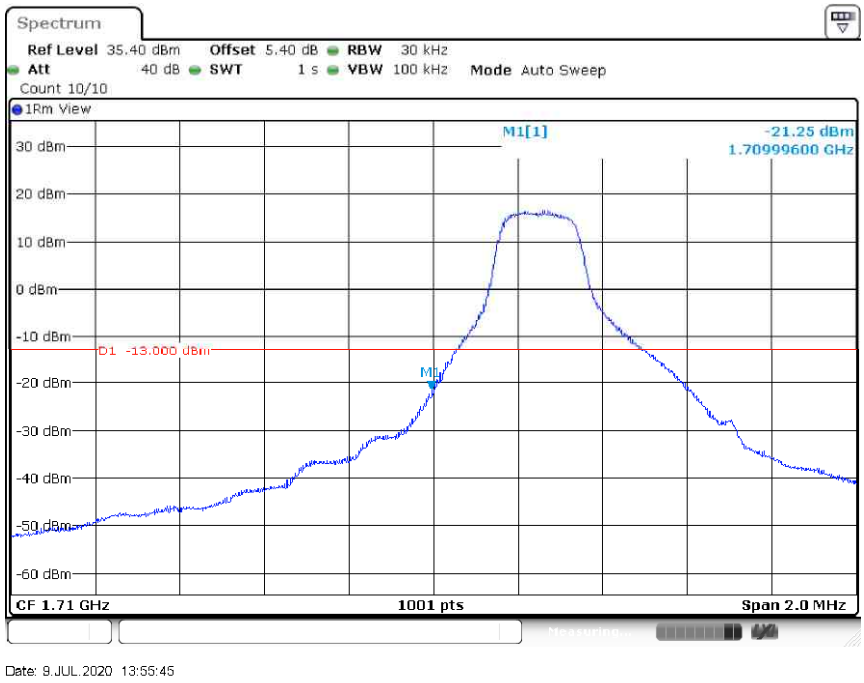
Band4	20MHz	16QAM	20300	1RB#99	-23.50	PASS
Band4	20MHz	16QAM	20300	100RB#0	-32.80	PASS

5.2. Test Plots

Band4-1.4MHz-QPSK-19957-1RB#0



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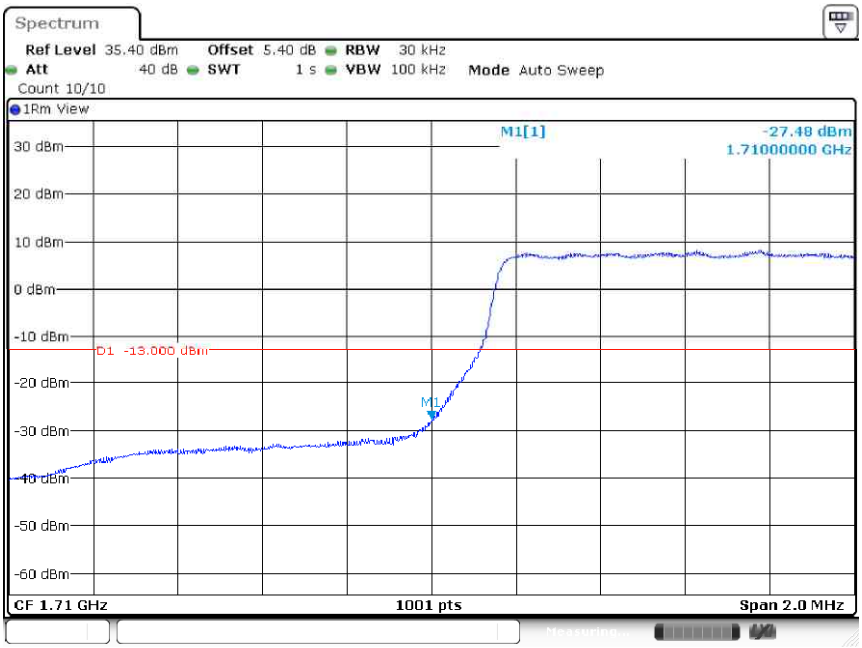
Band4-1.4MHz-QPSK-19957-6RB#0



Date: 9.JUL.2020 13:56:26

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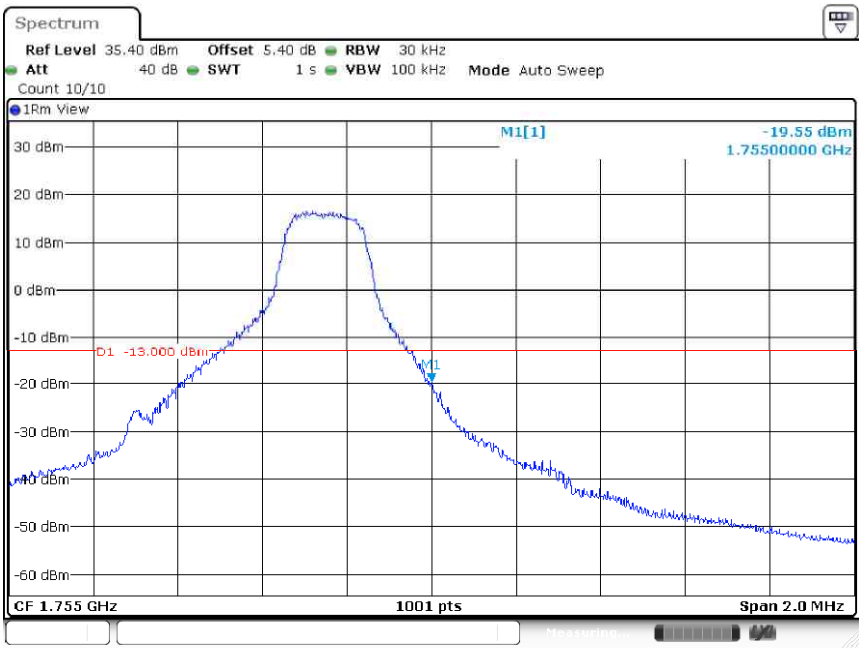

Date: 9.JUL.2020 13:57:11

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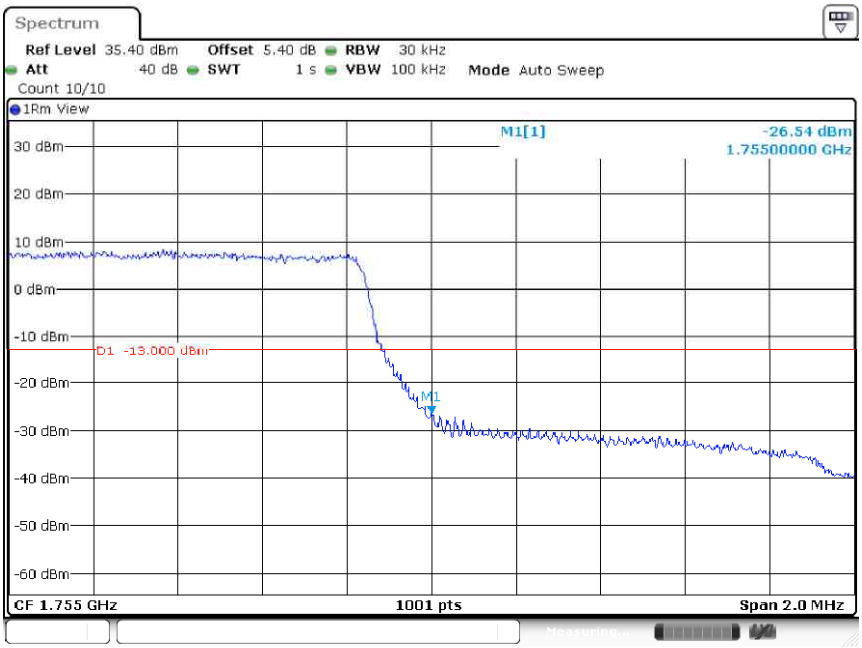
Band4-1.4MHz-QPSK-20393-6RB#0



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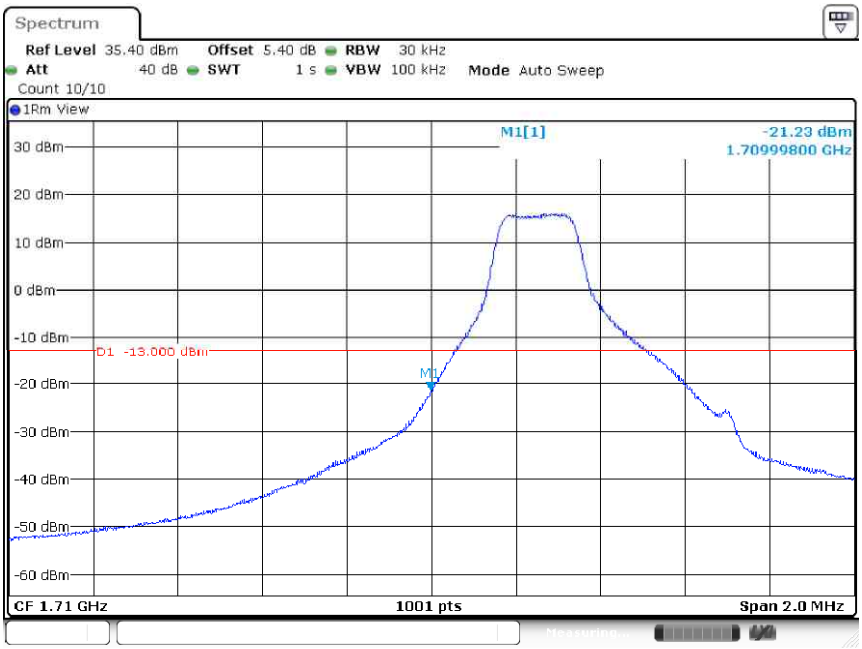
Band4-1.4MHz-64QAM-19957-1RB#0



Date: 14.JUL.2020 07:00:27

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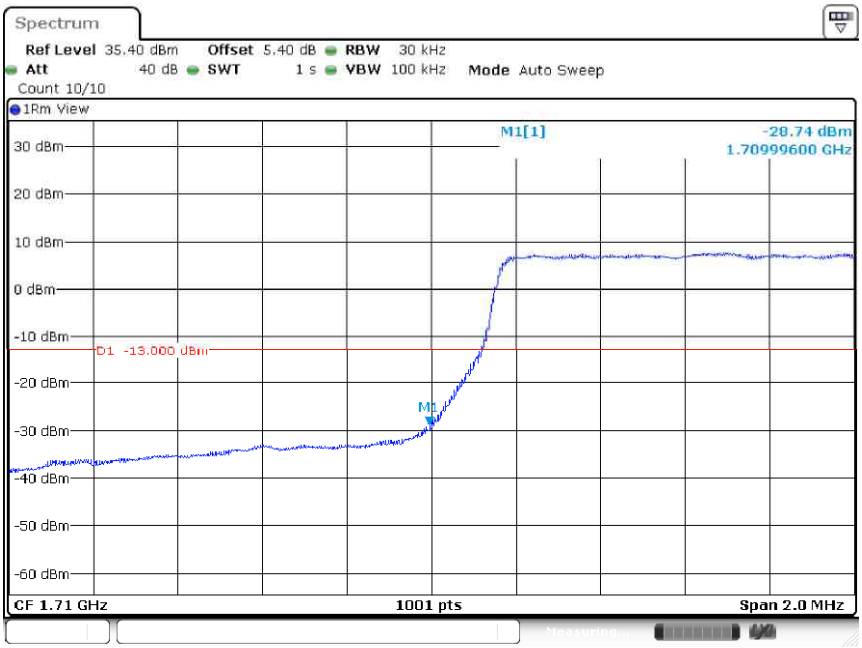
Band4-1.4MHz-64QAM-19957-6RB#0



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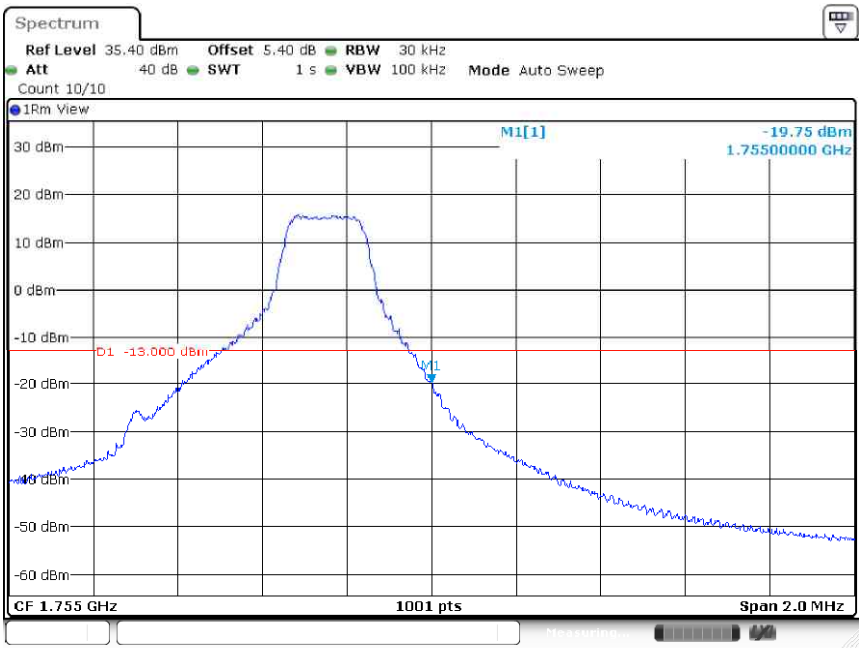
Band4-1.4MHz-64QAM-20393-1RB#5



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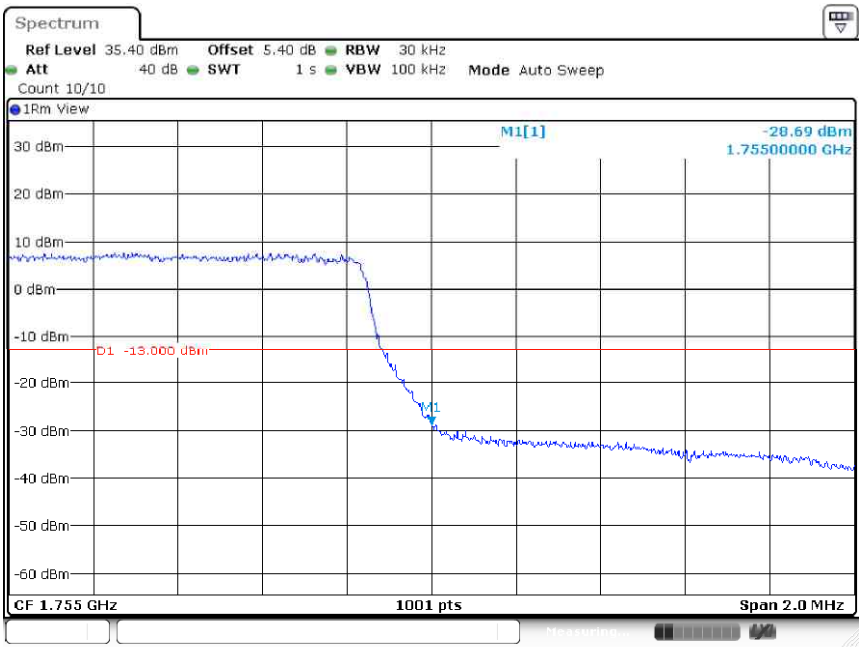
Band4-1.4MHz-64QAM-20393-6RB#0



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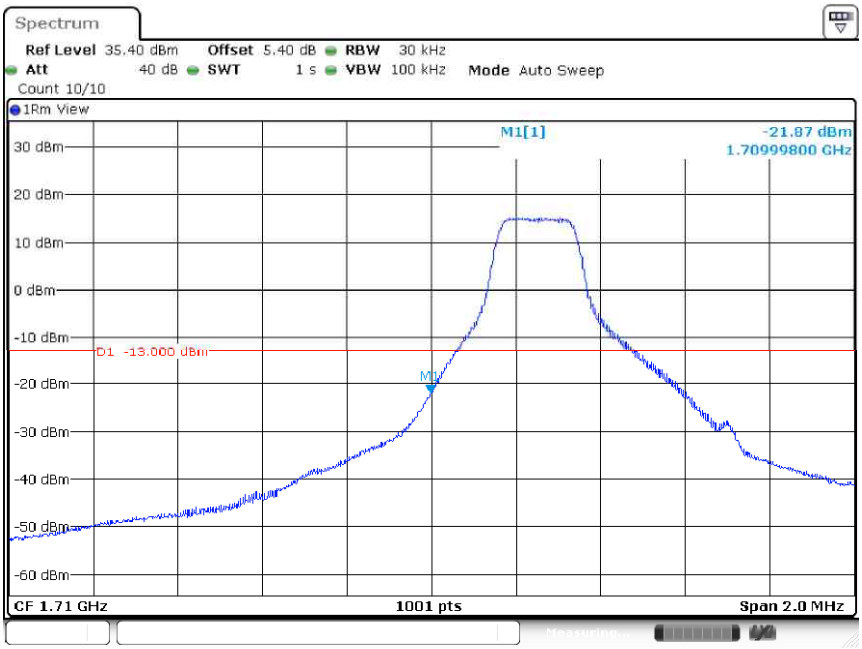
Band4-1.4MHz-16QAM-19957-1RB#0



Date: 9.JUL.2020 13:56:05

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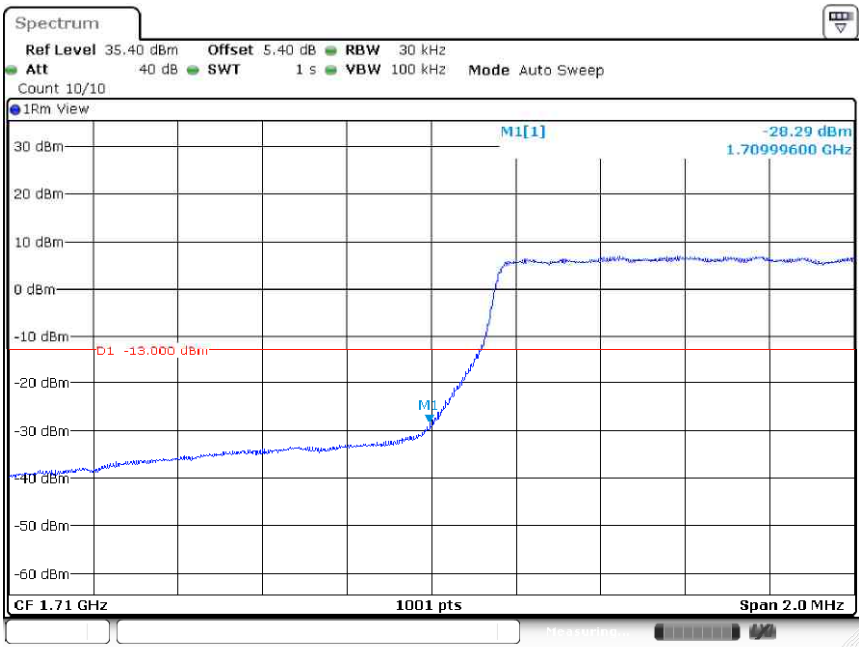
Band4-1.4MHz-16QAM-19957-6RB#0



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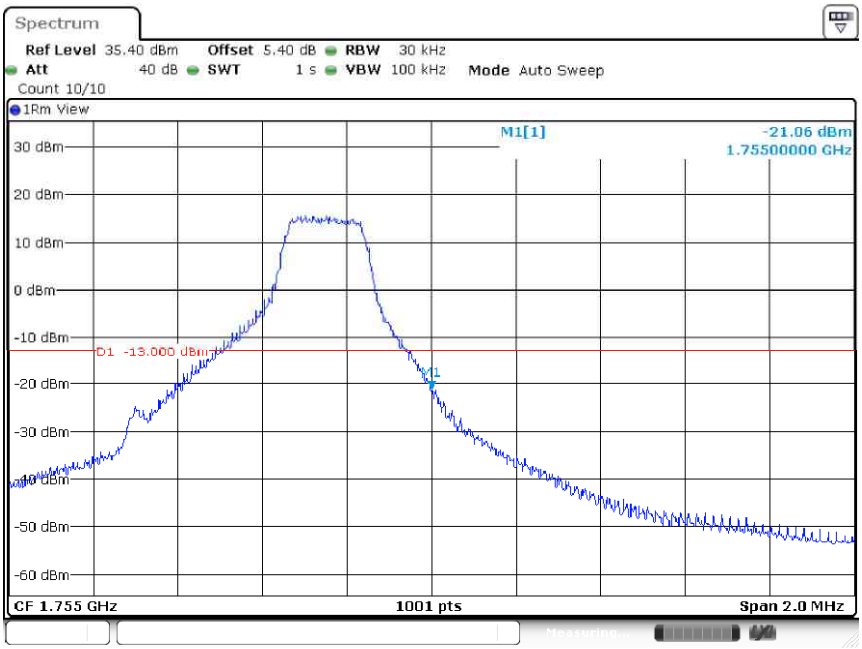
Band4-1.4MHz-16QAM-20393-1RB#5



Date: 9.JUL.2020 13:57:31

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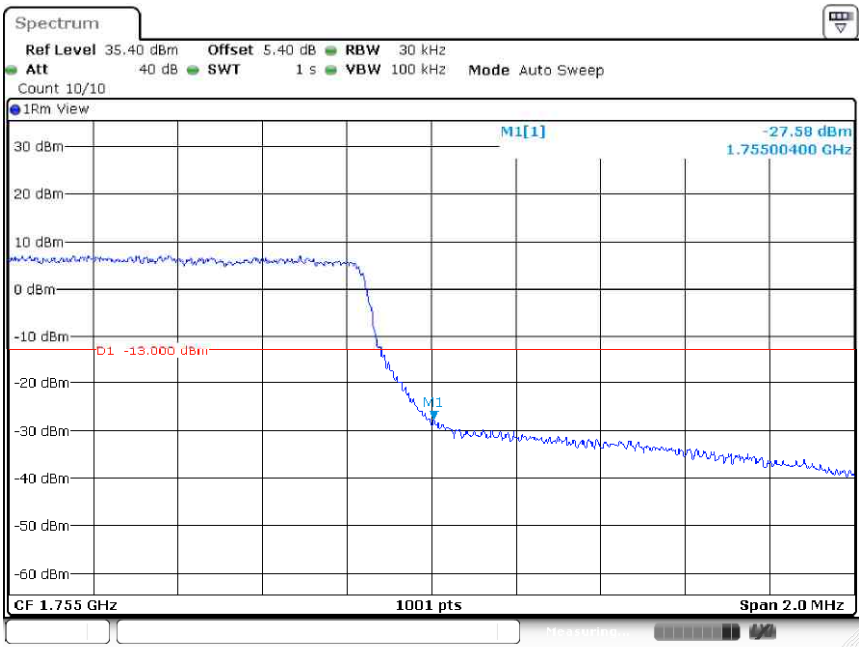
Band4-1.4MHz-16QAM-20393-6RB#0



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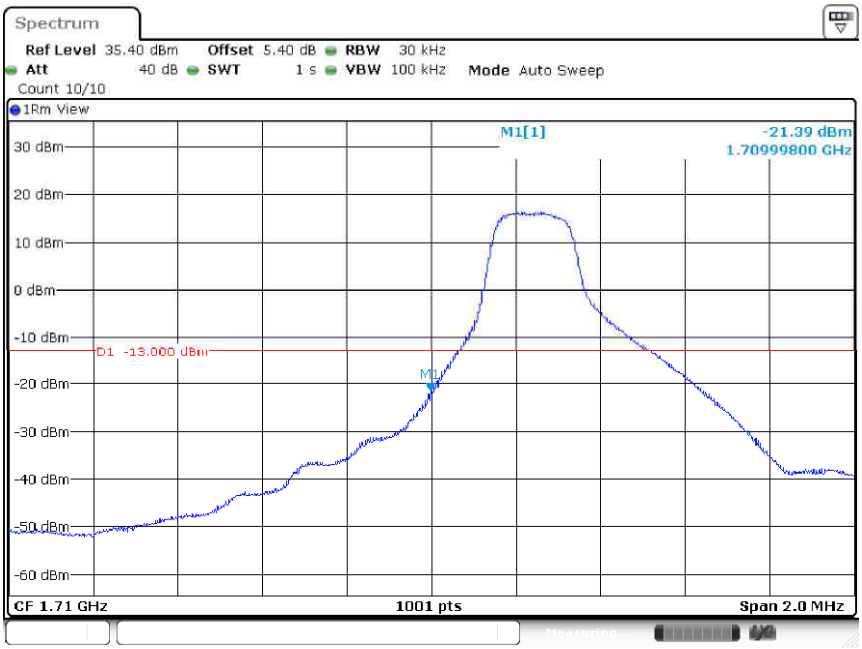
Band4-3MHz-QPSK-19965-1RB#0



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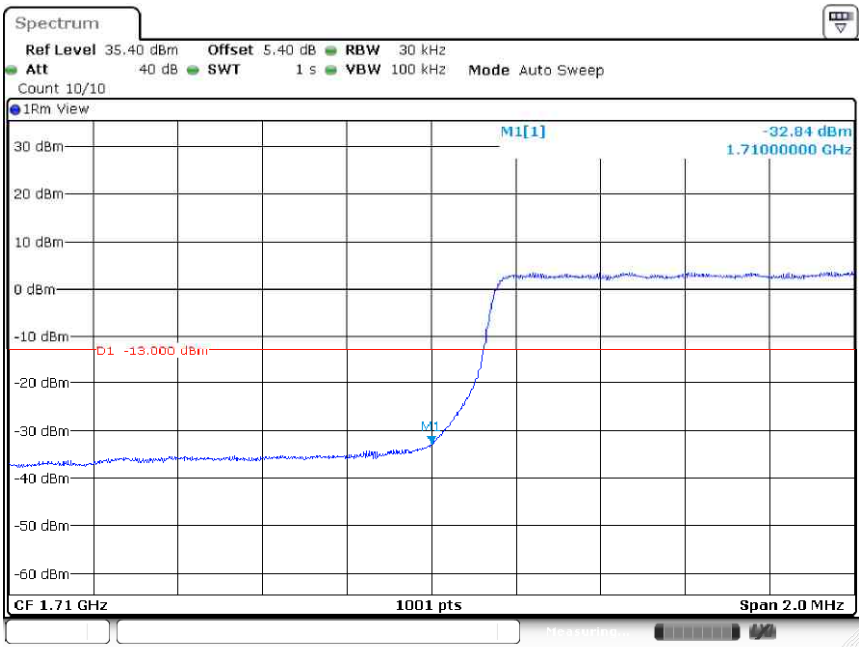
Band4-3MHz-QPSK-19965-15RB#0



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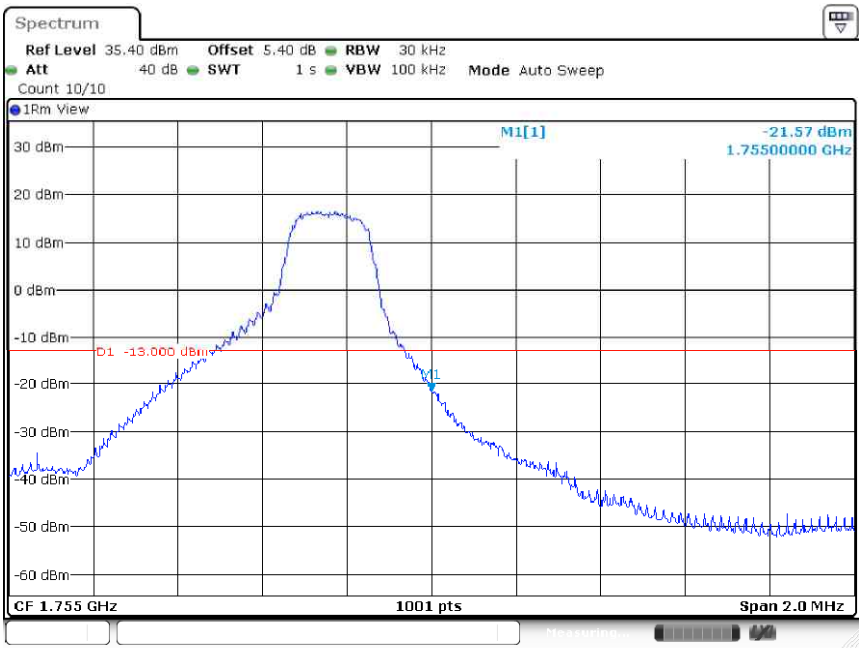
Band4-3MHz-QPSK-20385-1RB#14



Date: 9.JUL.2020 14:00:04

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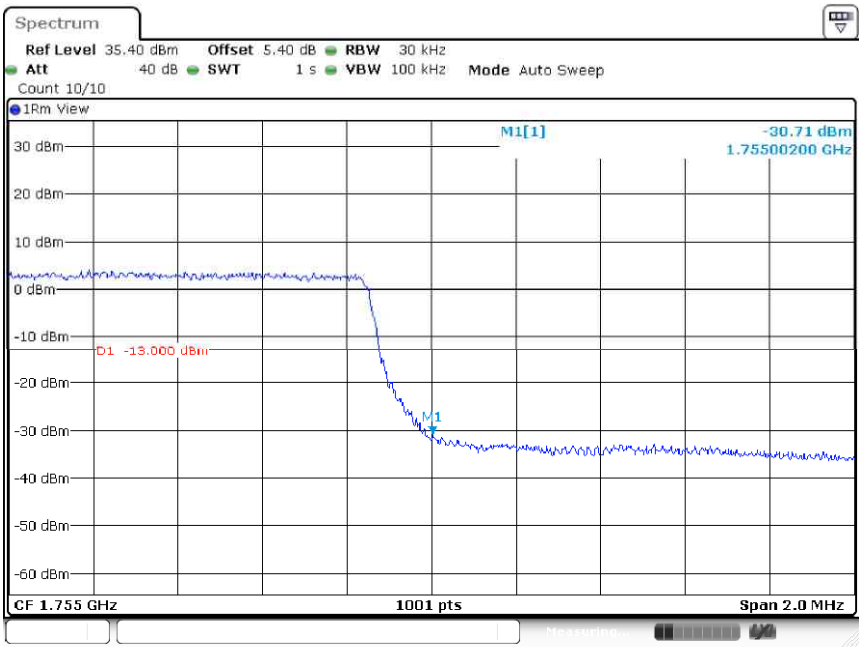

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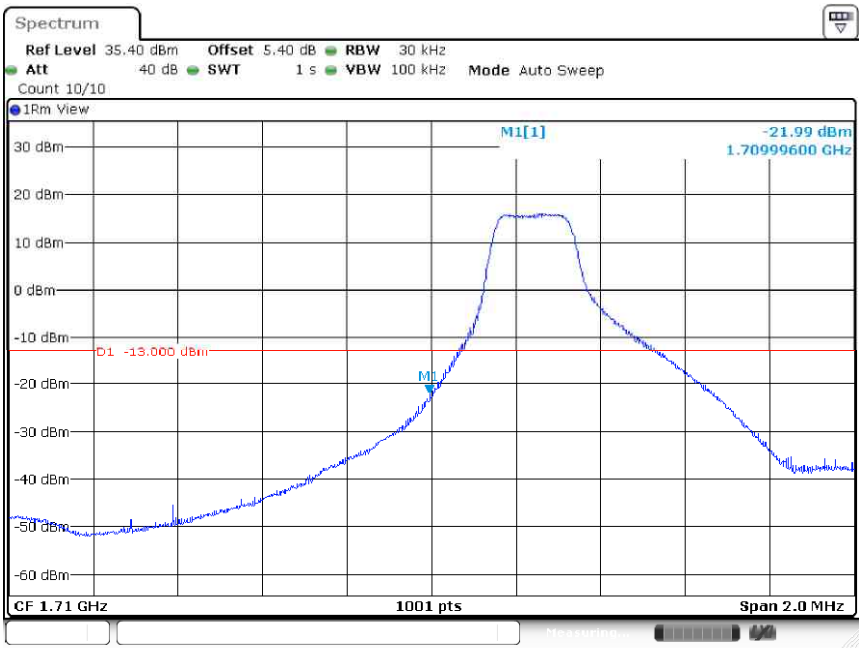
Band4-3MHz-64QAM-19965-1RB#0



Date: 14.JUL.2020 07:02:00

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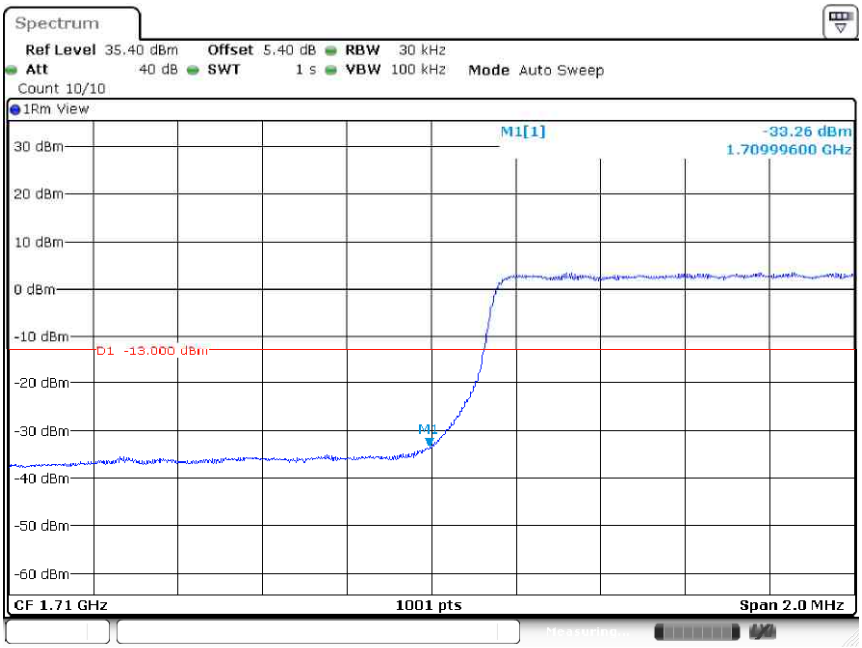
Band4-3MHz-64QAM-19965-15RB#0



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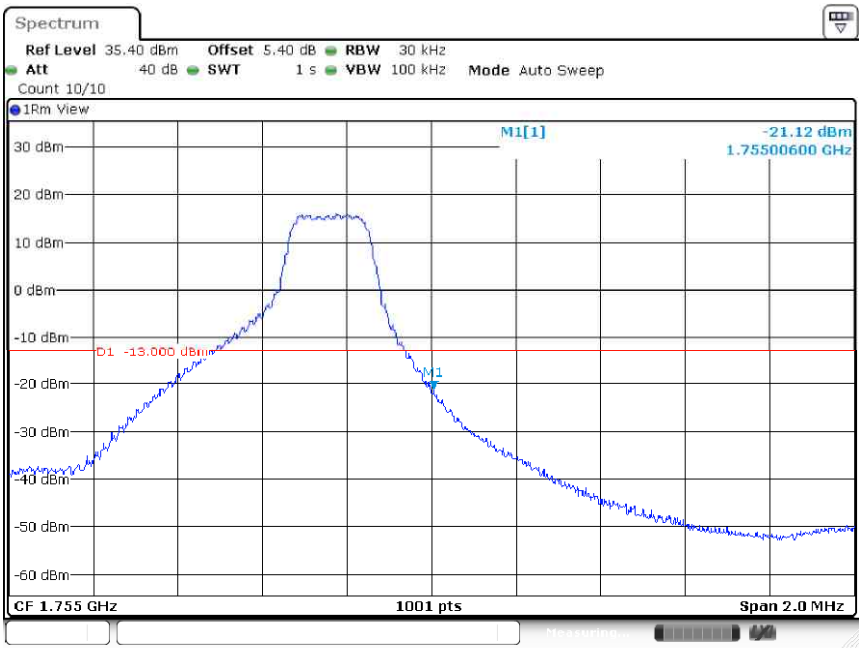
Band4-3MHz-64QAM-20385-1RB#14



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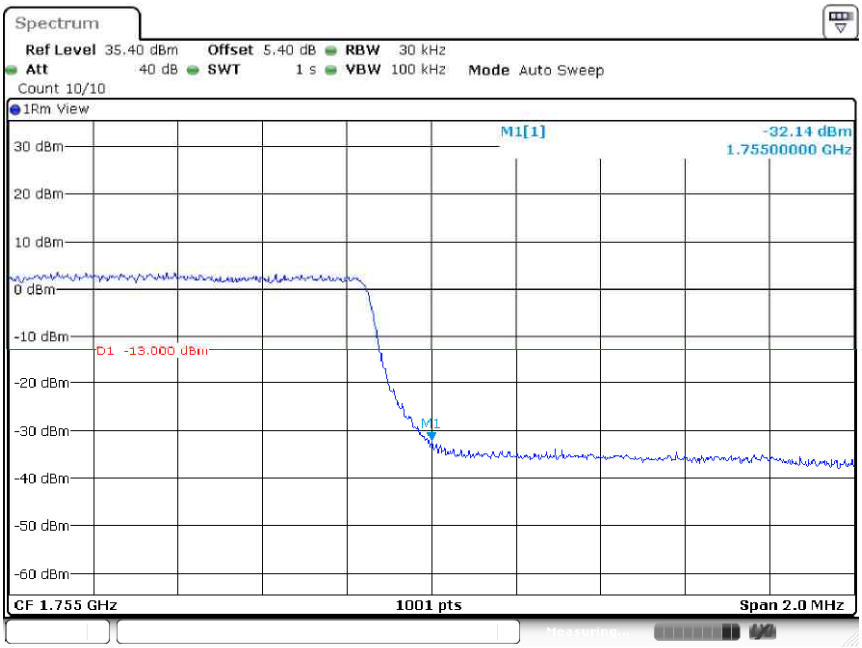
Band4-3MHz-64QAM-20385-15RB#0



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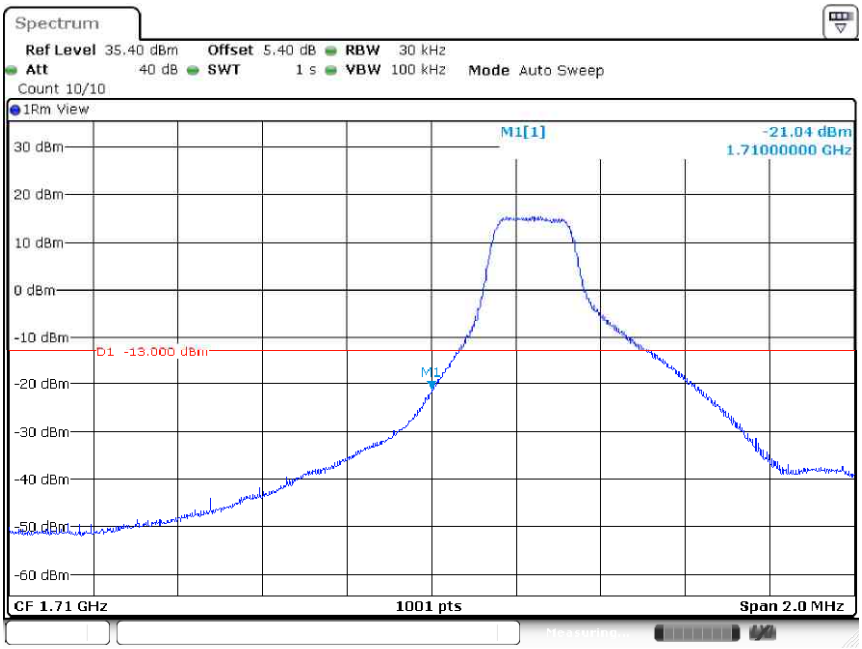

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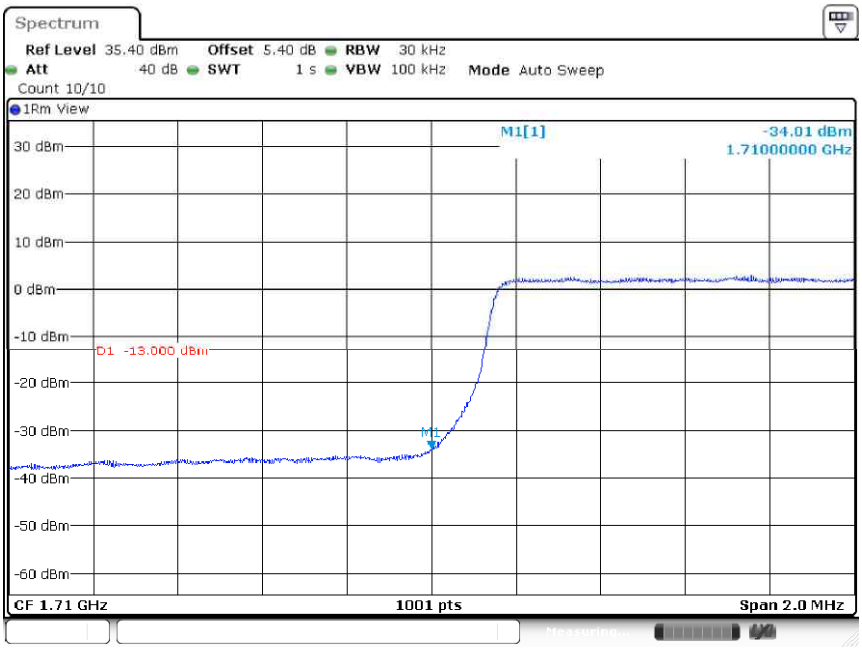

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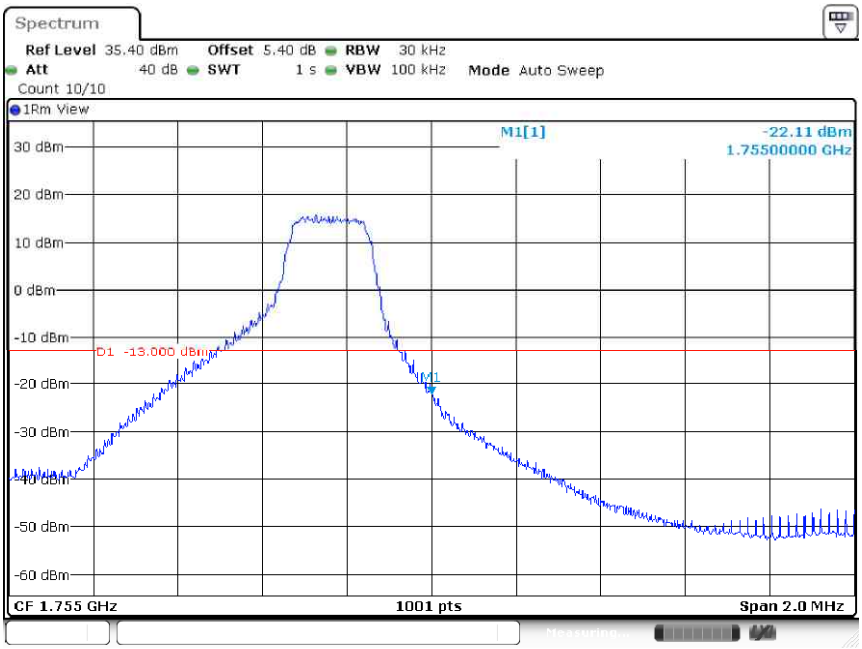
Band4-3MHz-16QAM-20385-1RB#14



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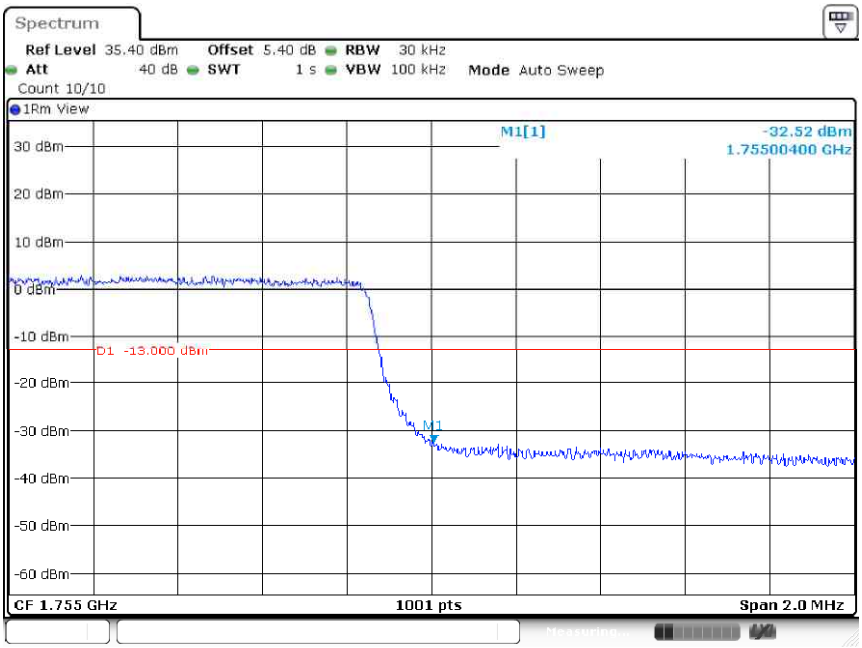
Band4-3MHz-16QAM-20385-15RB#0



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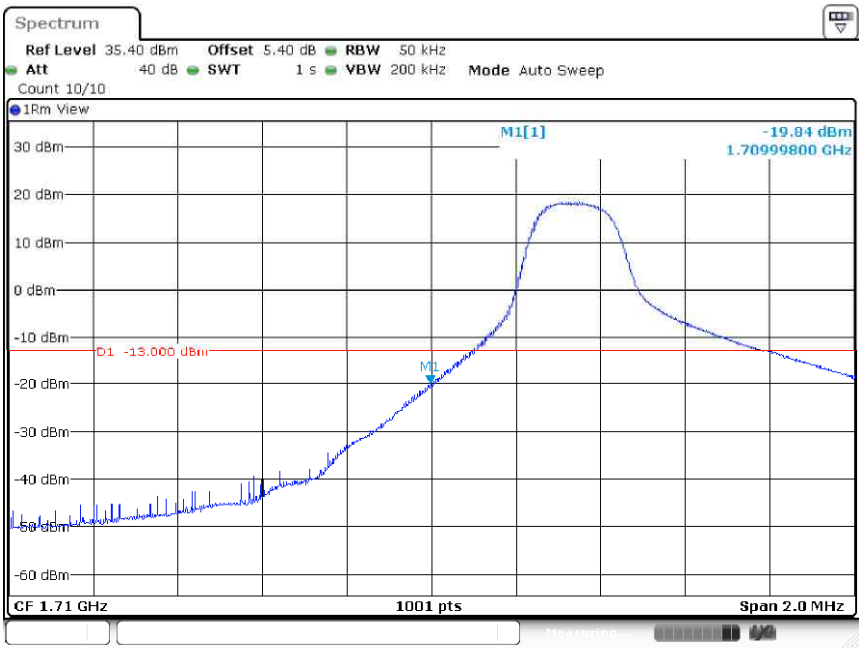
Band4-5MHz-QPSK-19975-1RB#0



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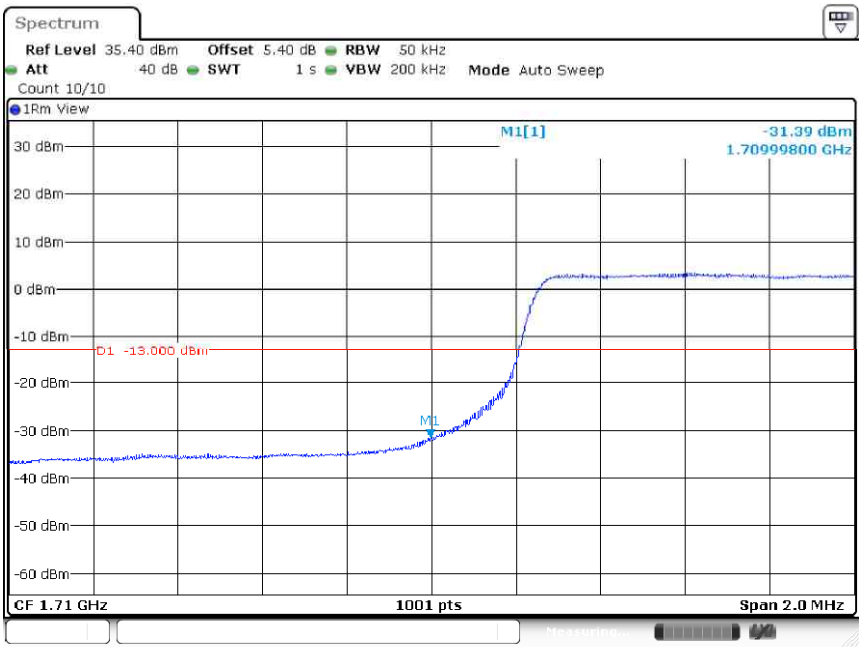
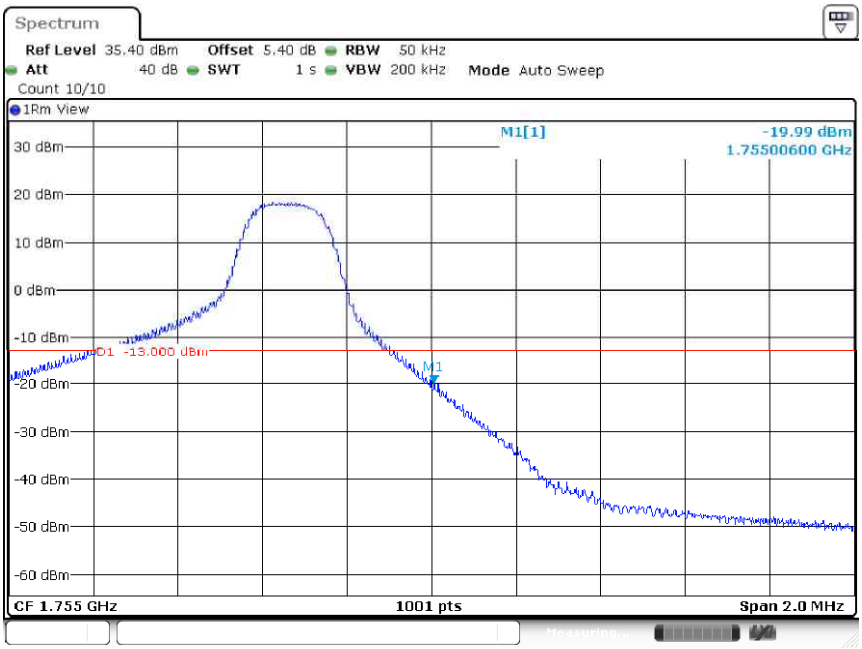
Band4-5MHz-QPSK-19975-25RB#0



Date: 9.JUL.2020 14:02:12

Band4-5MHz-QPSK-20375-1RB#24



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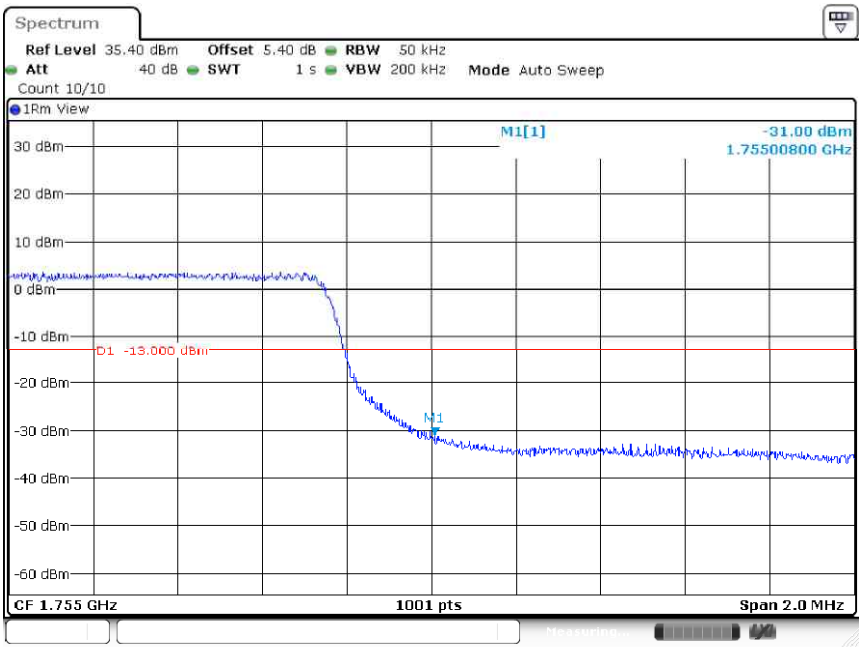
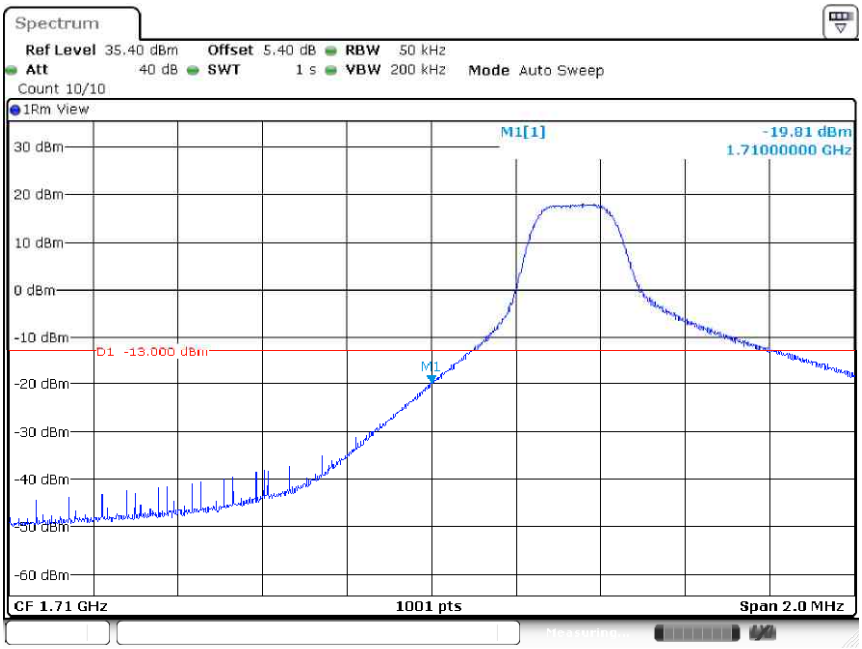
Band4-5MHz-QPSK-20375-25RB#0



Date: 9.JUL.2020 14:03:39

Band4-5MHz-64QAM-19975-1RB#0



Date: 14.JUL.2020 07:03:32

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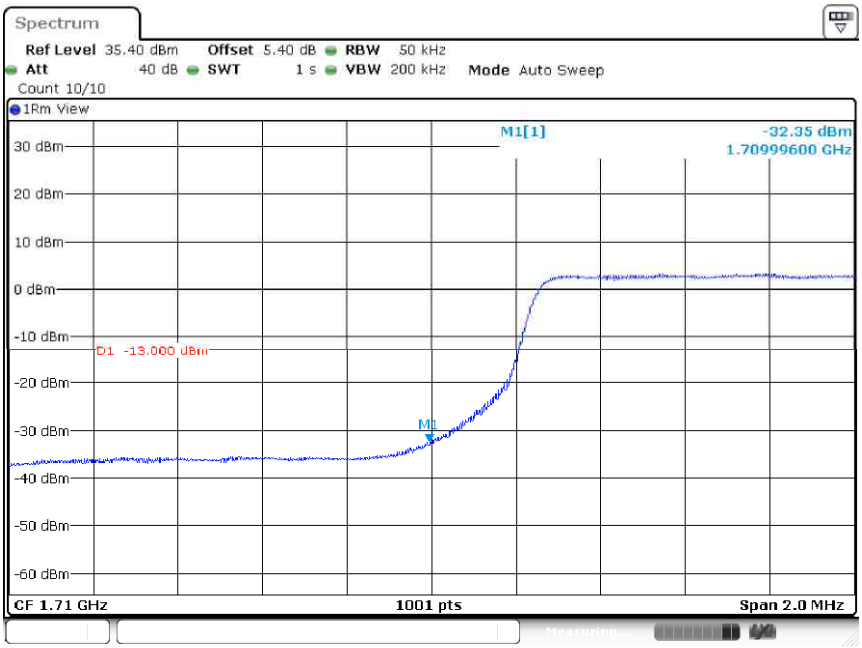
Band4-5MHz-64QAM-19975-25RB#0



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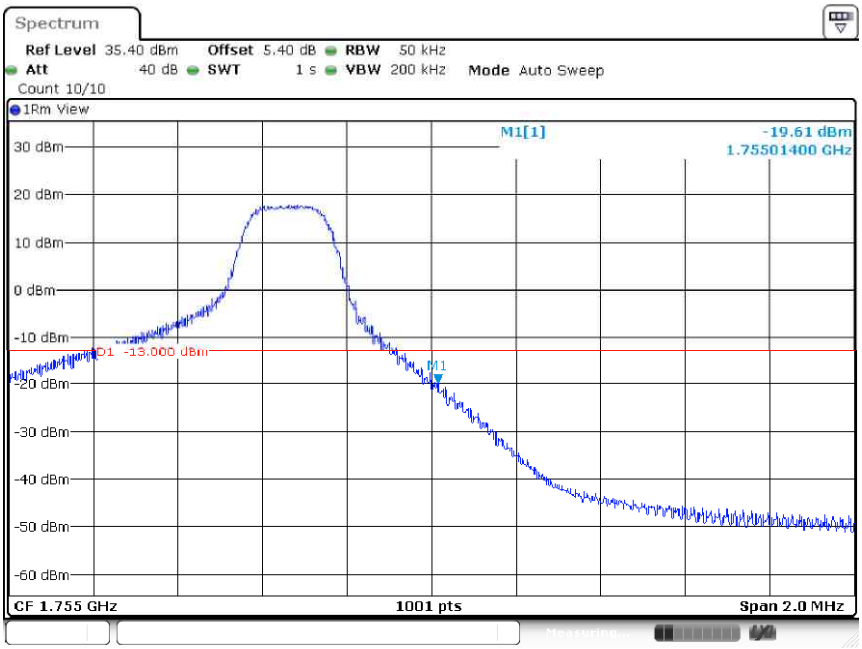
Band4-5MHz-64QAM-20375-1RB#24



Date: 14.JUL.2020 07:04:18

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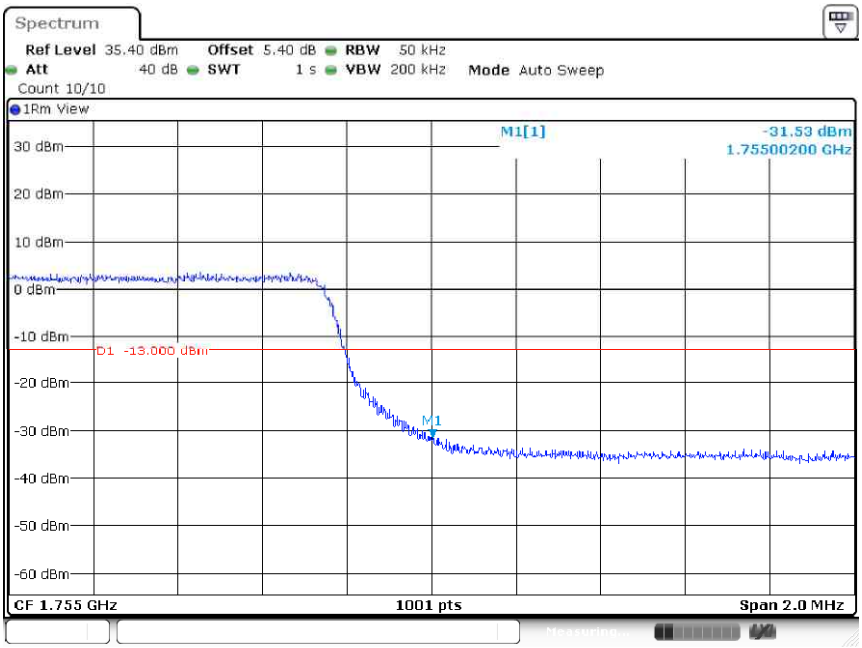
Band4-5MHz-64QAM-20375-25RB#0



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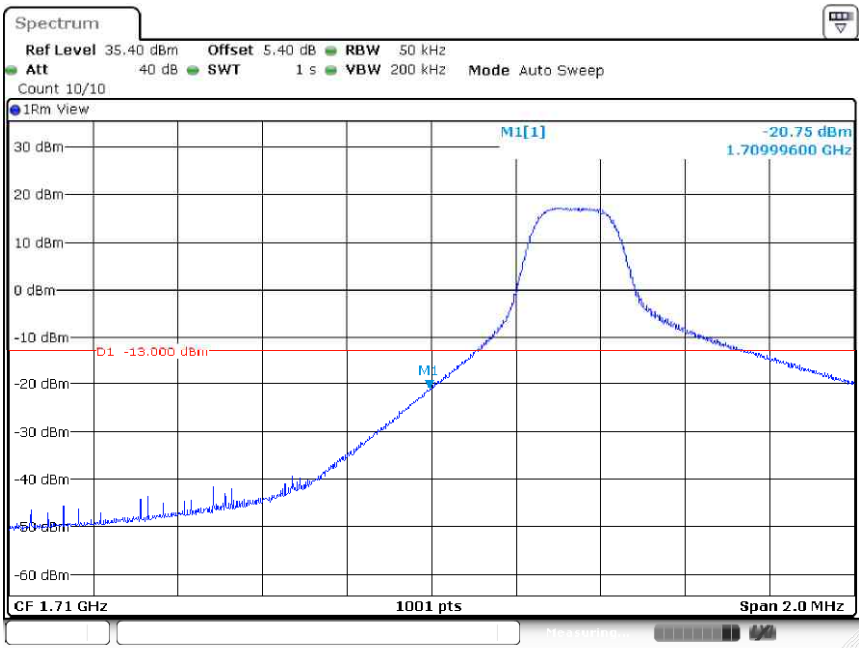
Band4-5MHz-16QAM-19975-1RB#0



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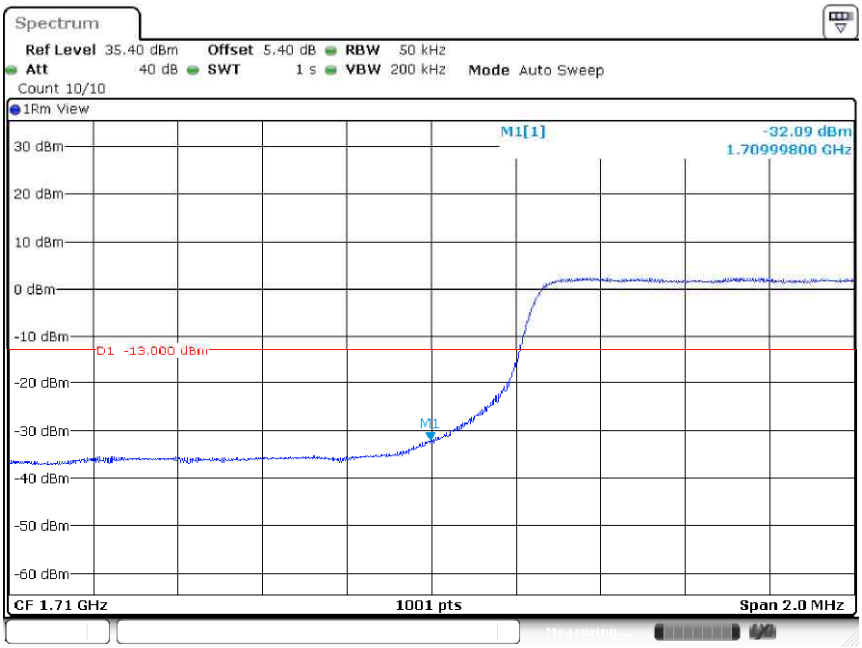
Band4-5MHz-16QAM-19975-25RB#0



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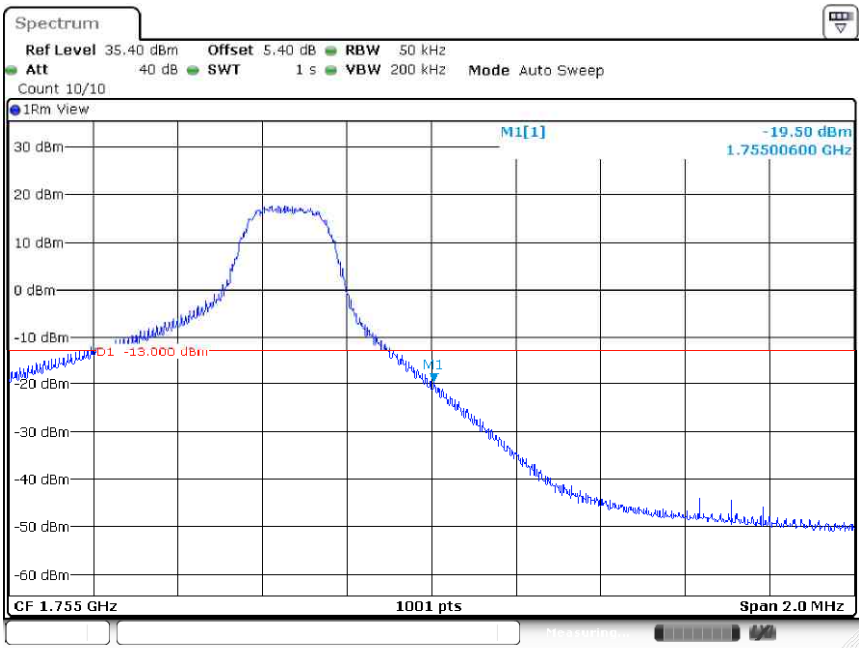
Band4-5MHz-16QAM-20375-1RB#24



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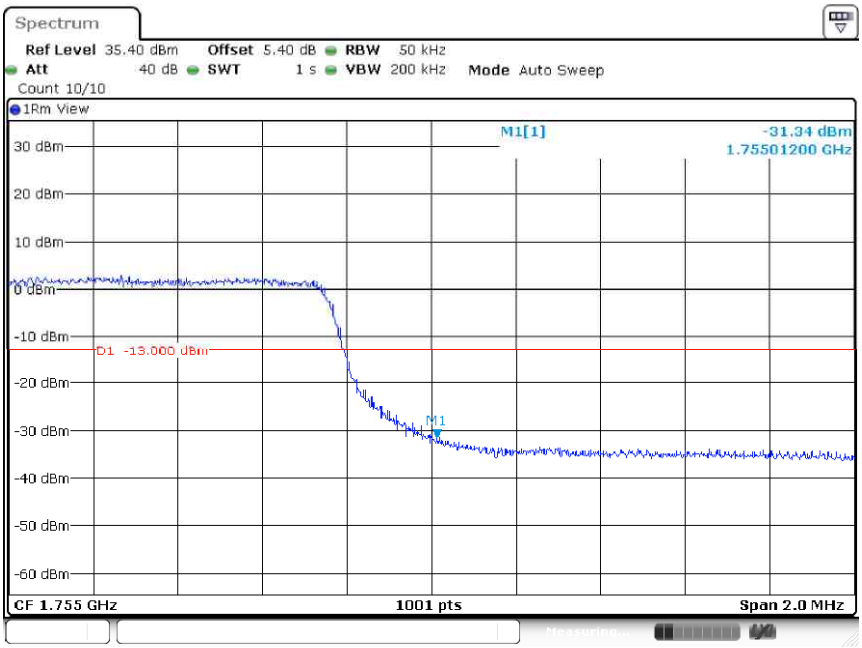
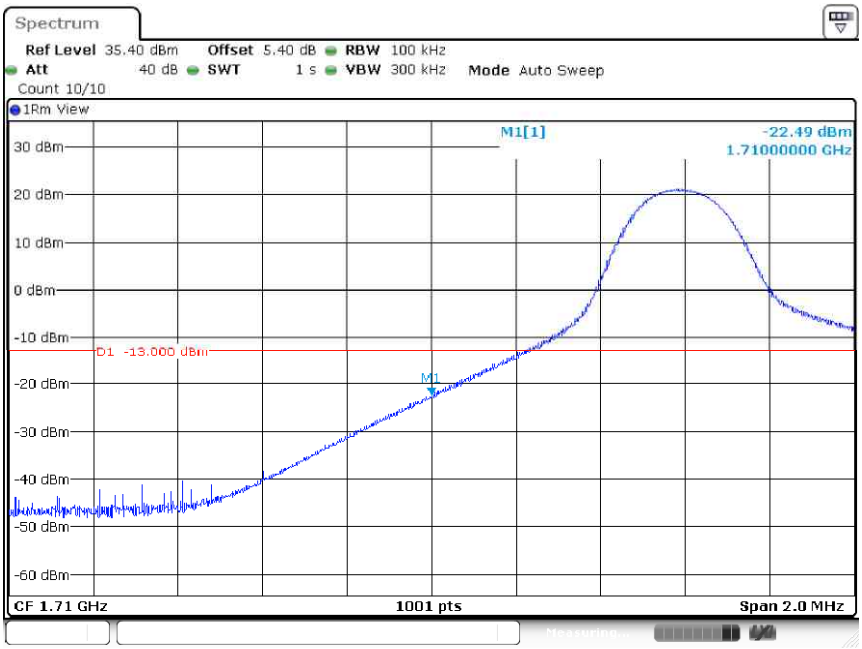


Date: 9.JUL.2020 14:04:00

Band4-10MHz-QPSK-20000-1RB#0



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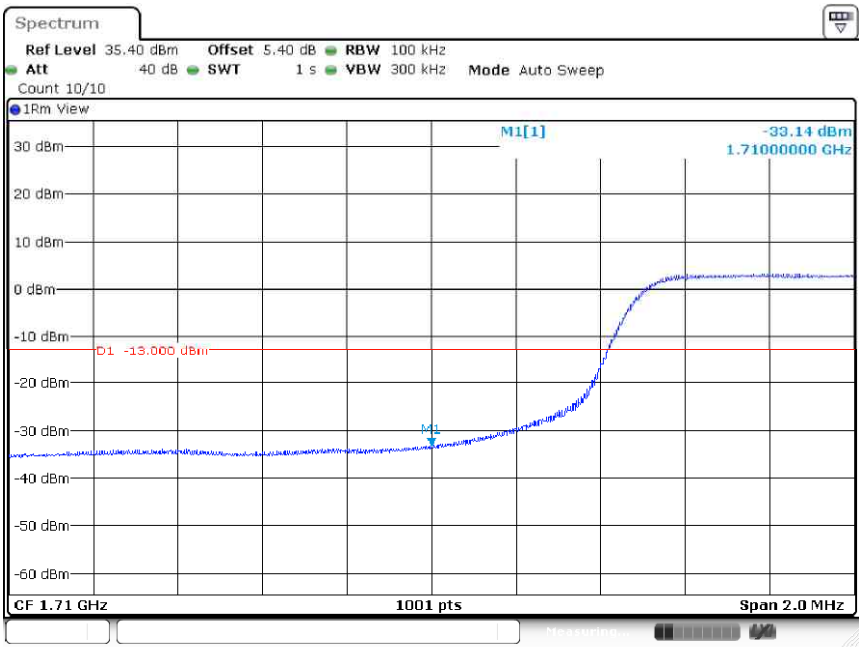
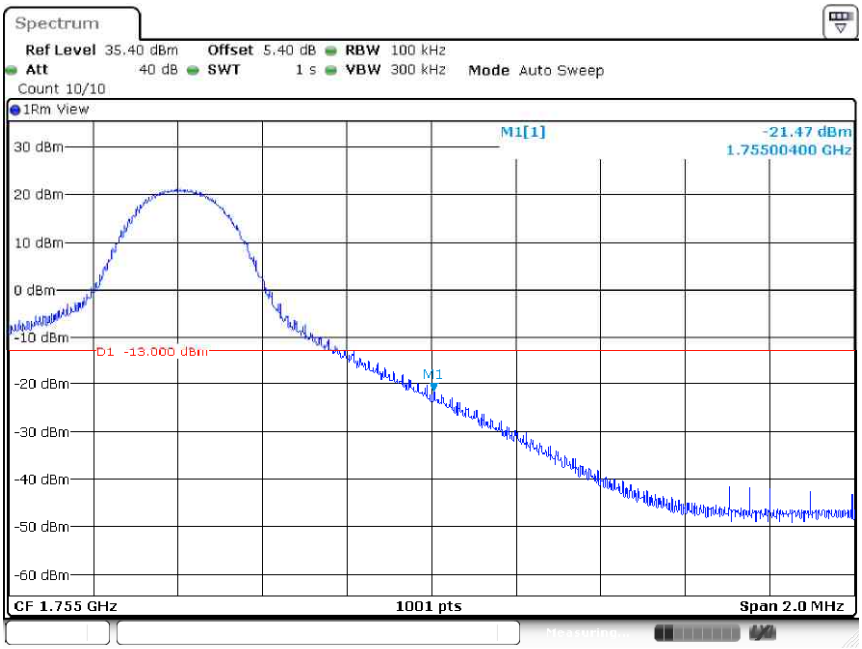
Band4-10MHz-QPSK-20000-50RB#0



Date: 9.JUL.2020 14:05:19

Band4-10MHz-QPSK-20350-1RB#49



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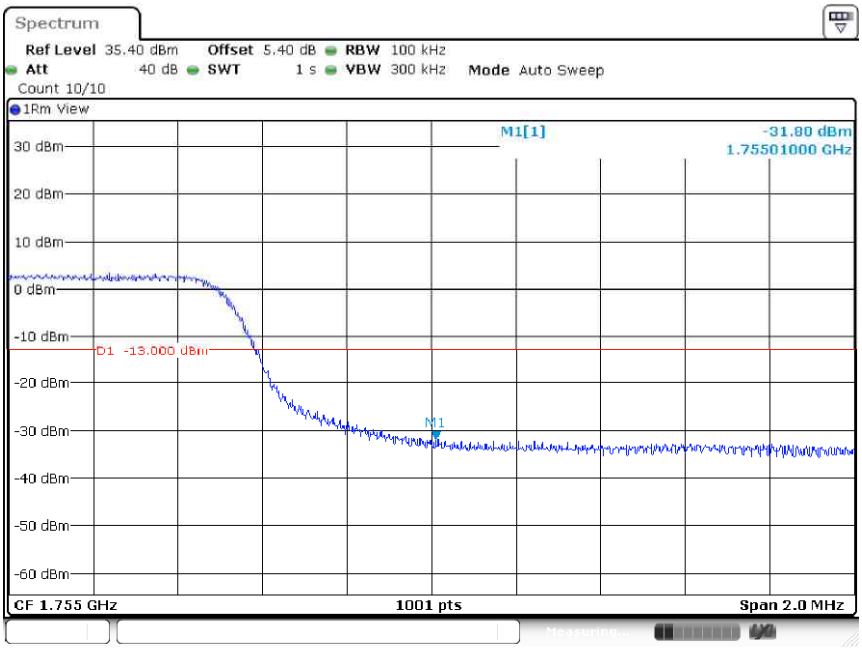
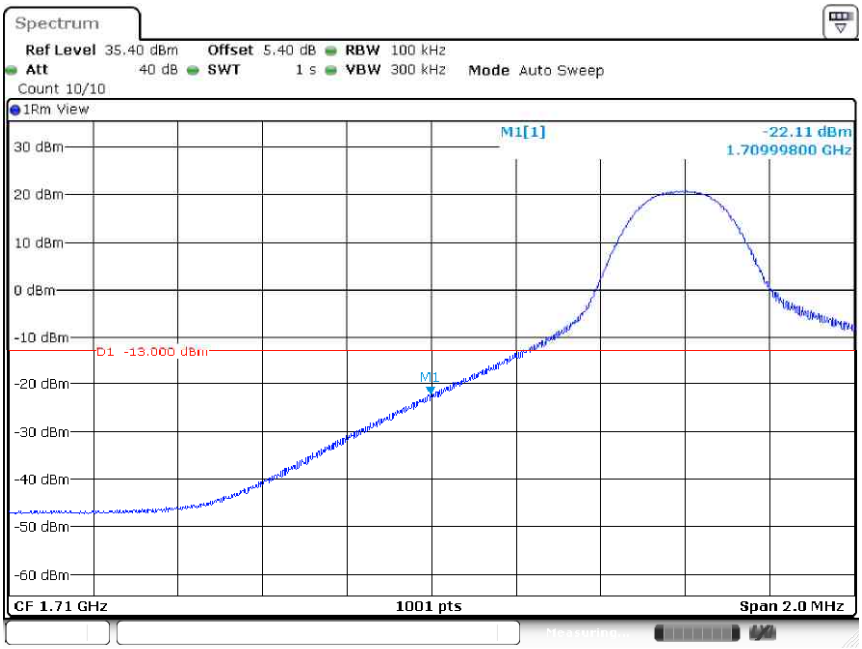
Band4-10MHz-QPSK-20350-50RB#0



Date: 9.JUL.2020 14:06:47

Band4-10MHz-64QAM-20000-1RB#0



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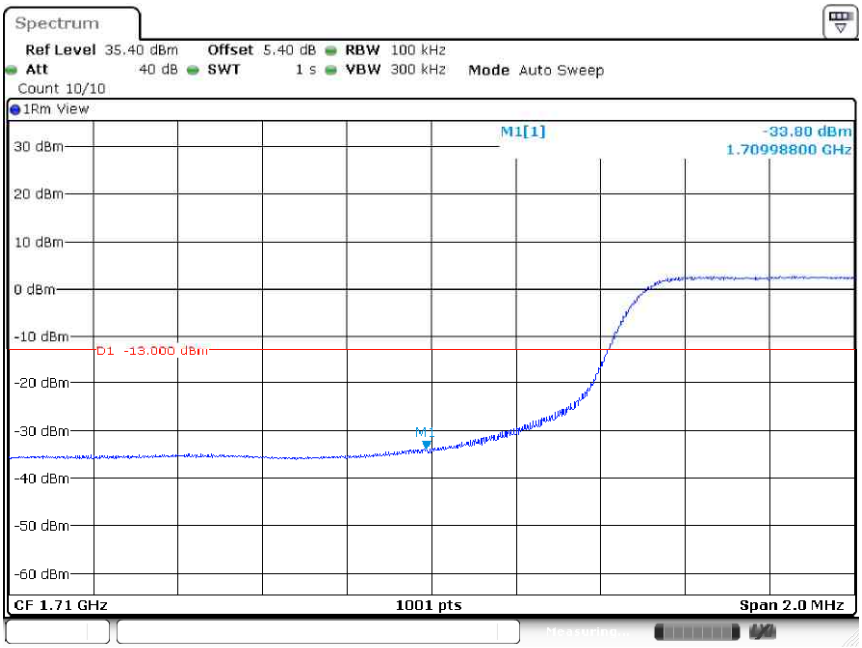
Band4-10MHz-64QAM-20000-50RB#0



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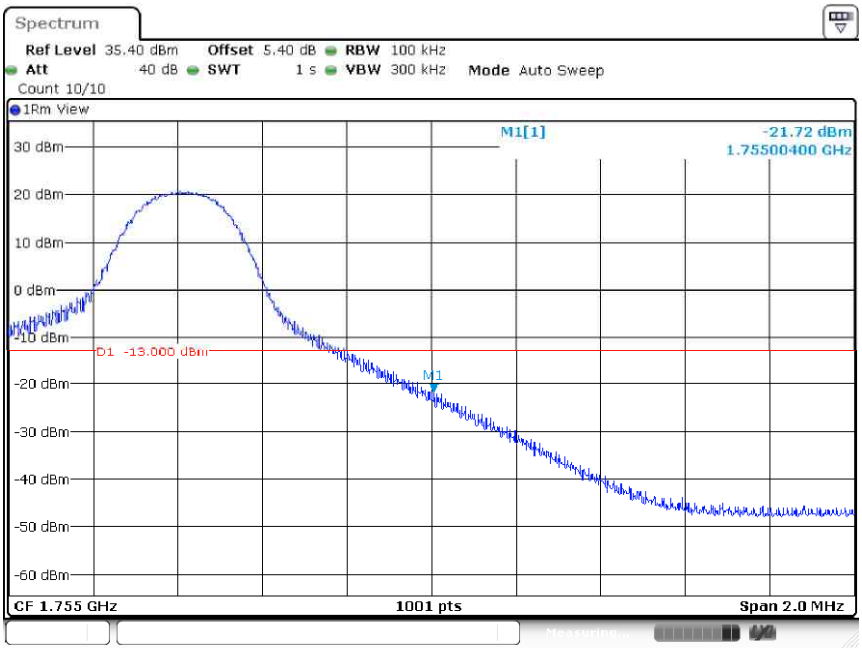
Band4-10MHz-64QAM-20350-1RB#49



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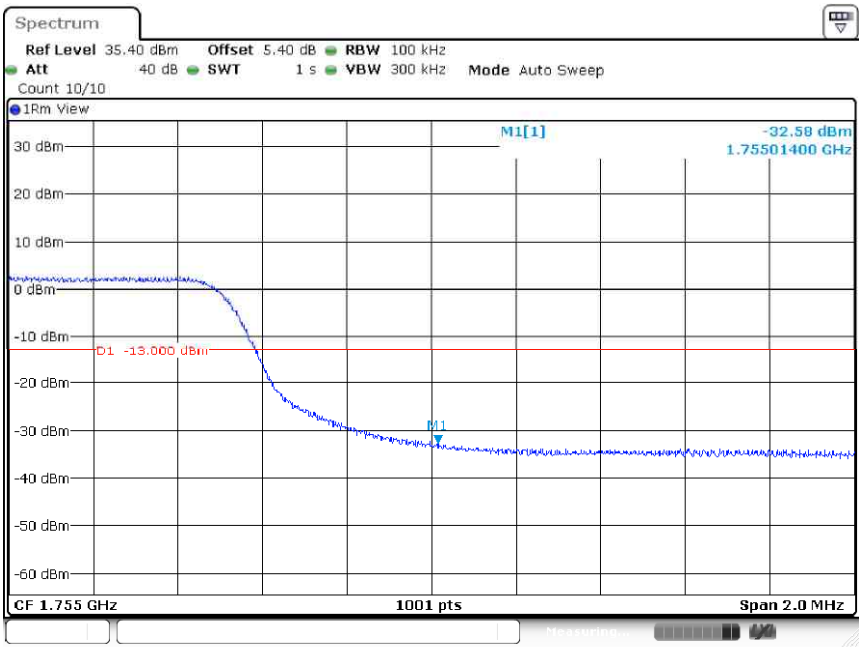
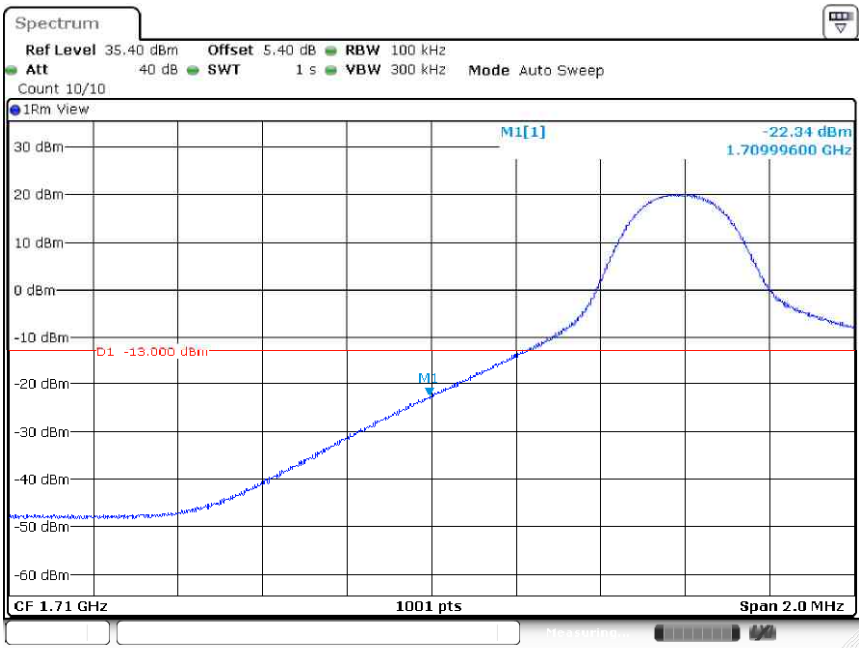
Band4-10MHz-64QAM-20350-50RB#0



Date: 14.JUL.2020 07:06:11

Band4-10MHz-16QAM-20000-1RB#0



Date: 9.JUL.2020 14:04:59

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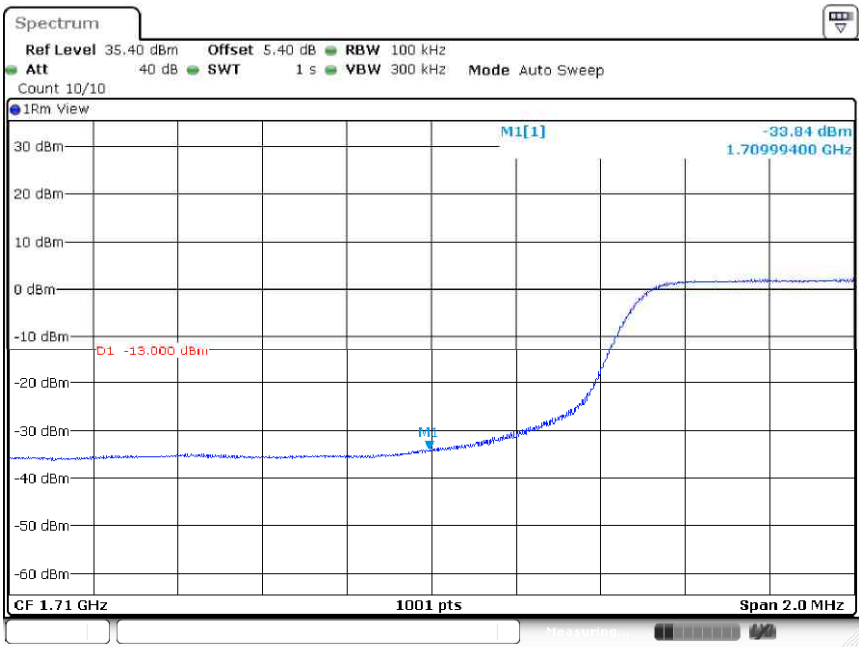
Band4-10MHz-16QAM-20000-50RB#0



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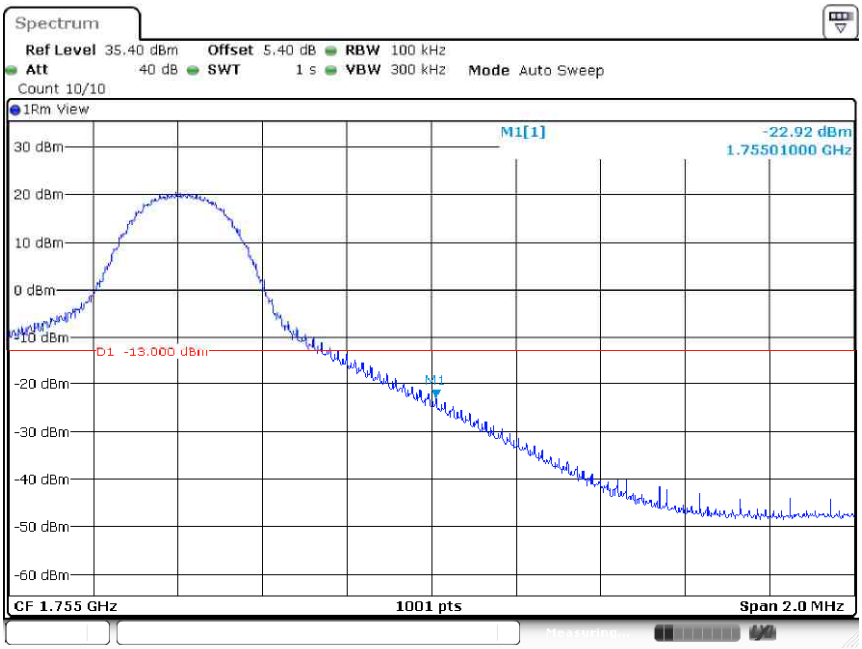
Band4-10MHz-16QAM-20350-1RB#49



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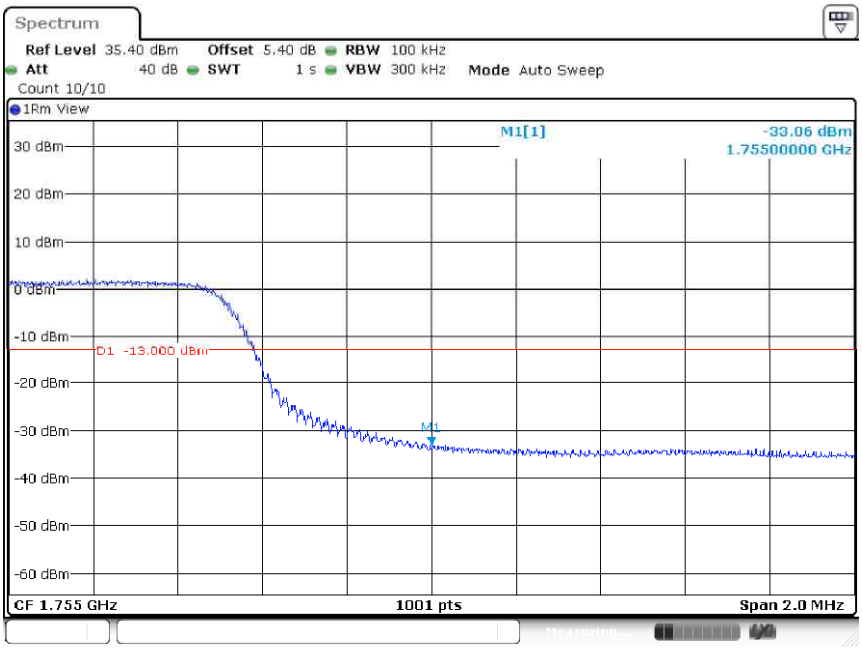
Band4-10MHz-16QAM-20350-50RB#0



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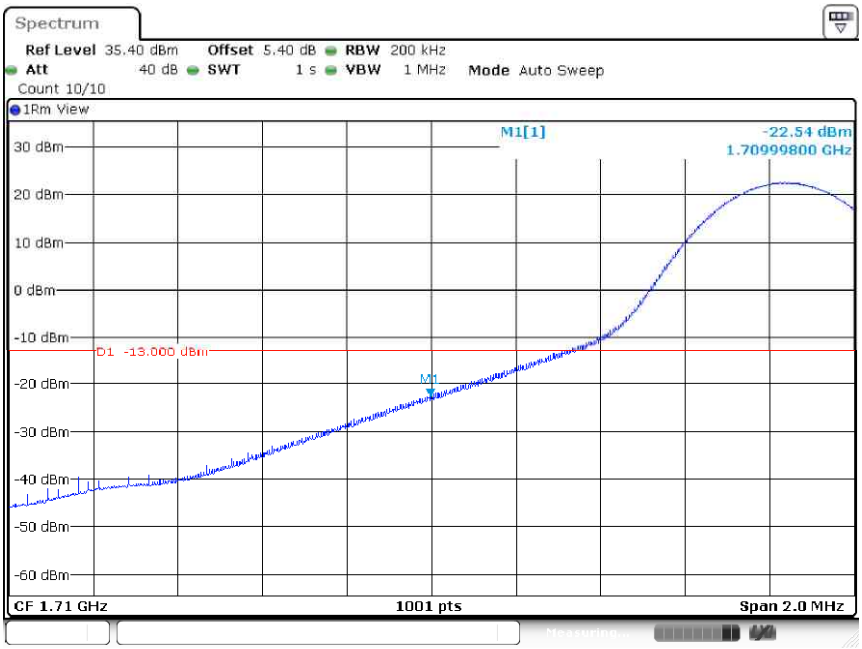
Band4-15MHz-QPSK-20025-1RB#0



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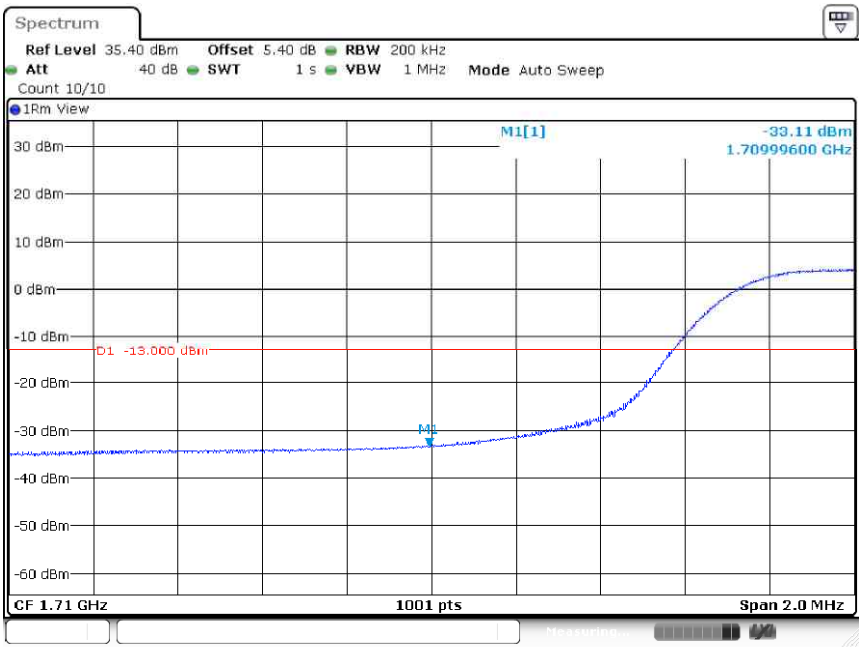
Band4-15MHz-QPSK-20025-75RB#0



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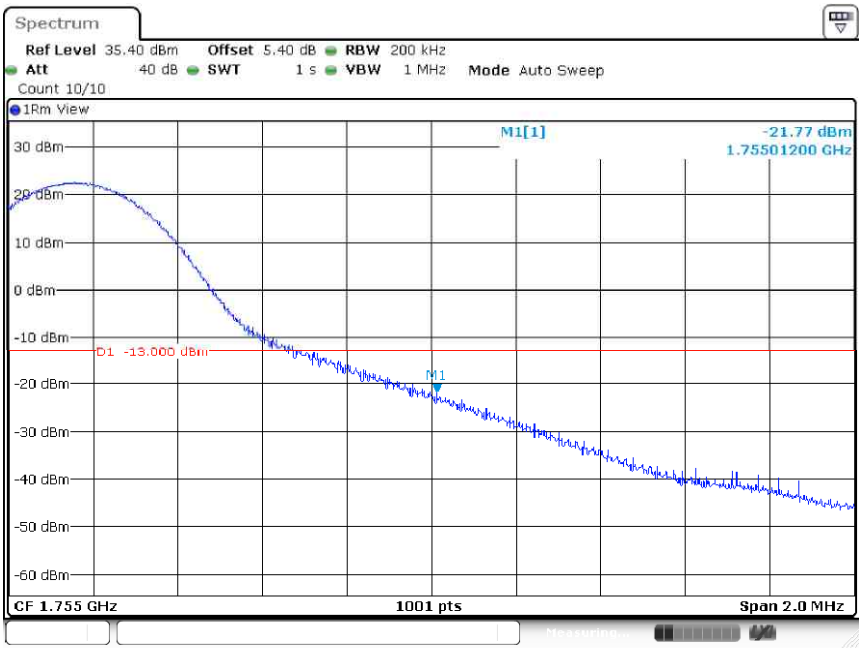
Band4-15MHz-QPSK-20325-1RB#74



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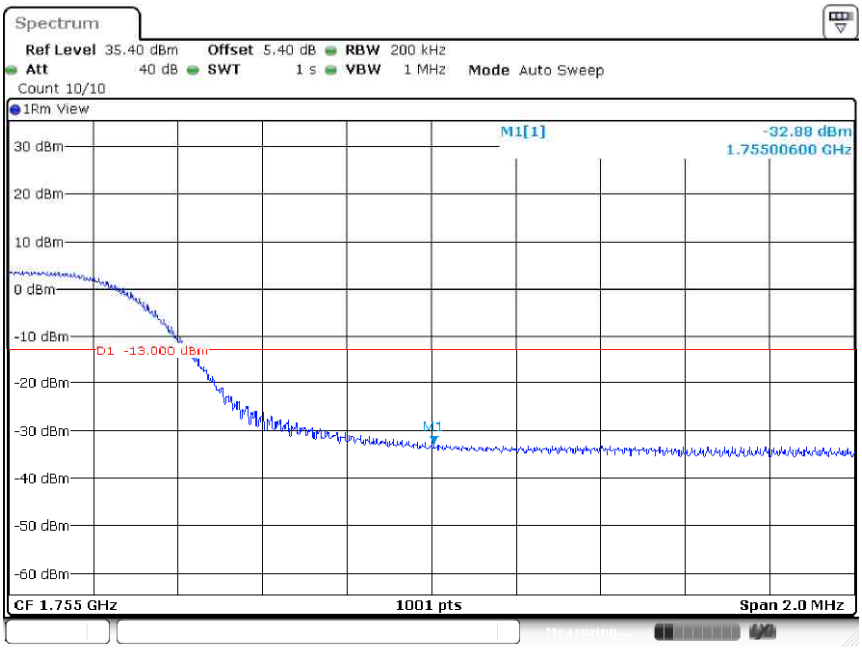
Band4-15MHz-QPSK-20325-75RB#0



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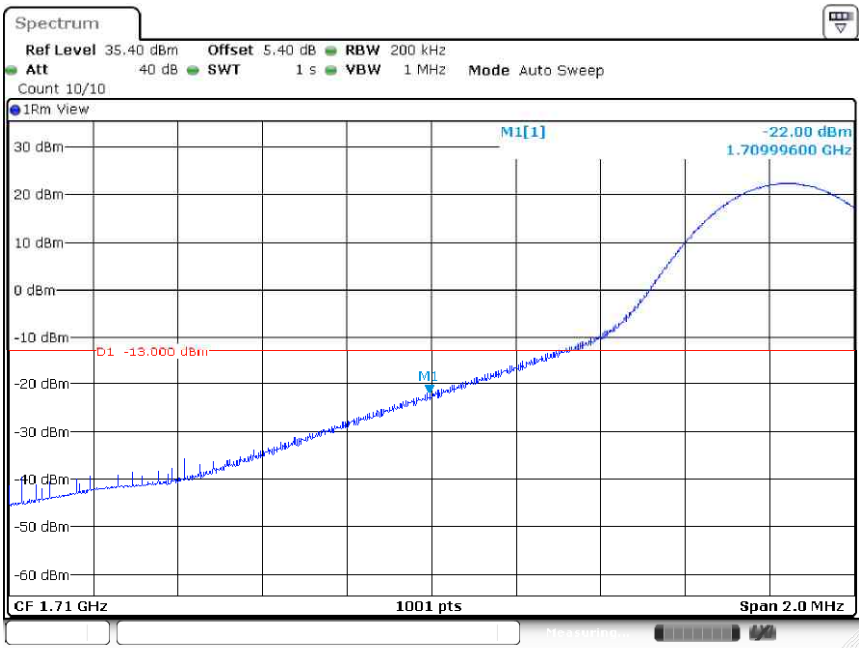
Band4-15MHz-64QAM-20025-1RB#0



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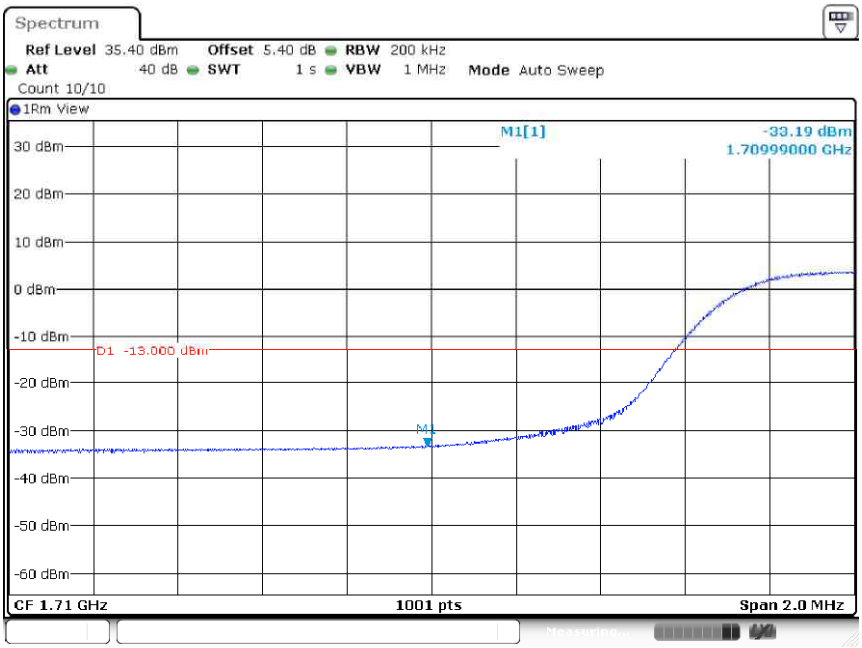
Band4-15MHz-64QAM-20025-75RB#0



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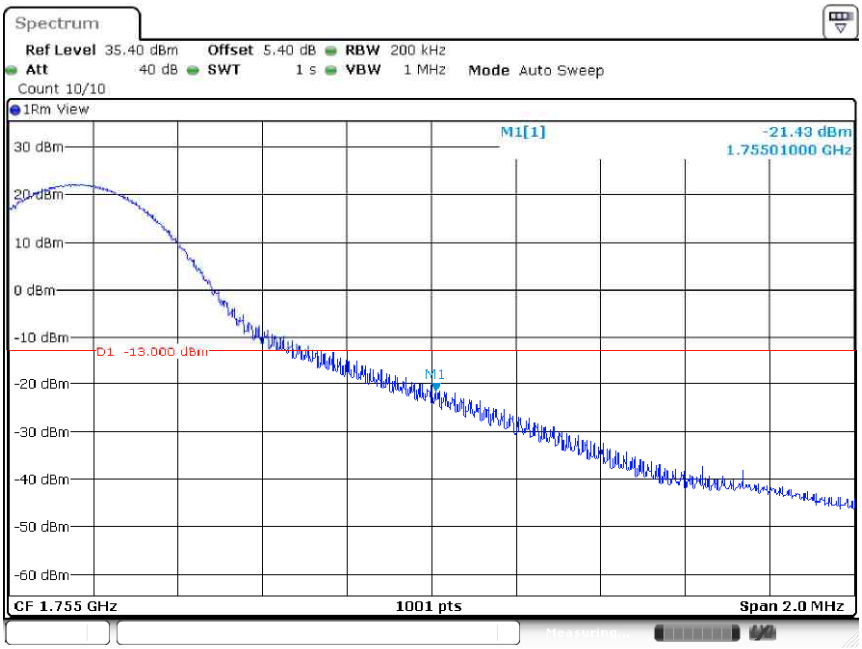
Band4-15MHz-64QAM-20325-1RB#74



Date: 14.JUL.2020 07:07:23

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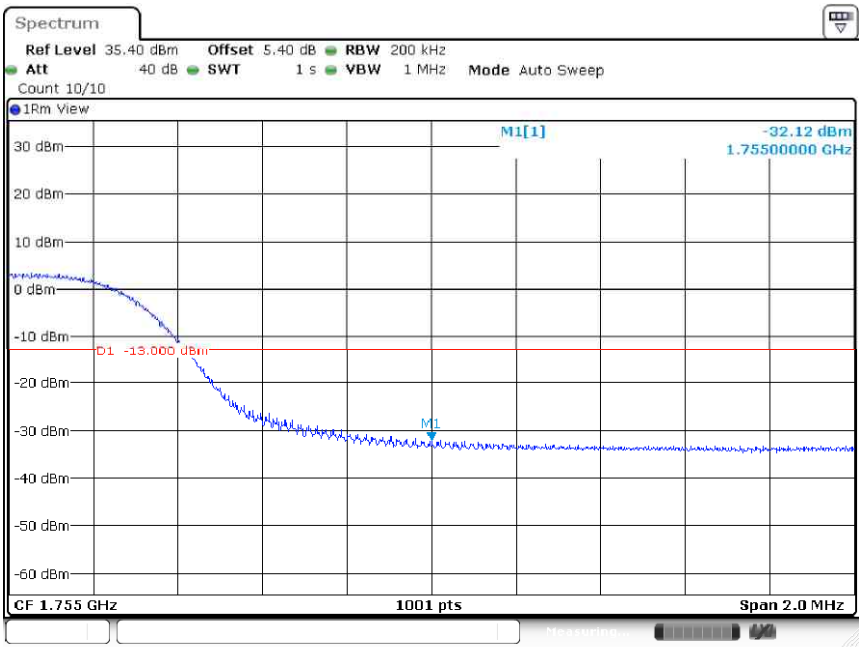

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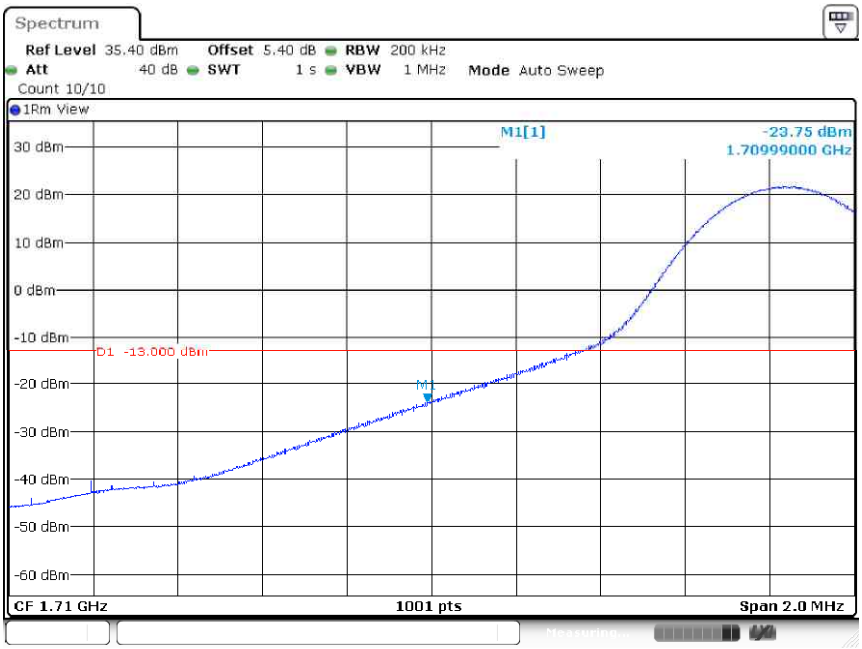

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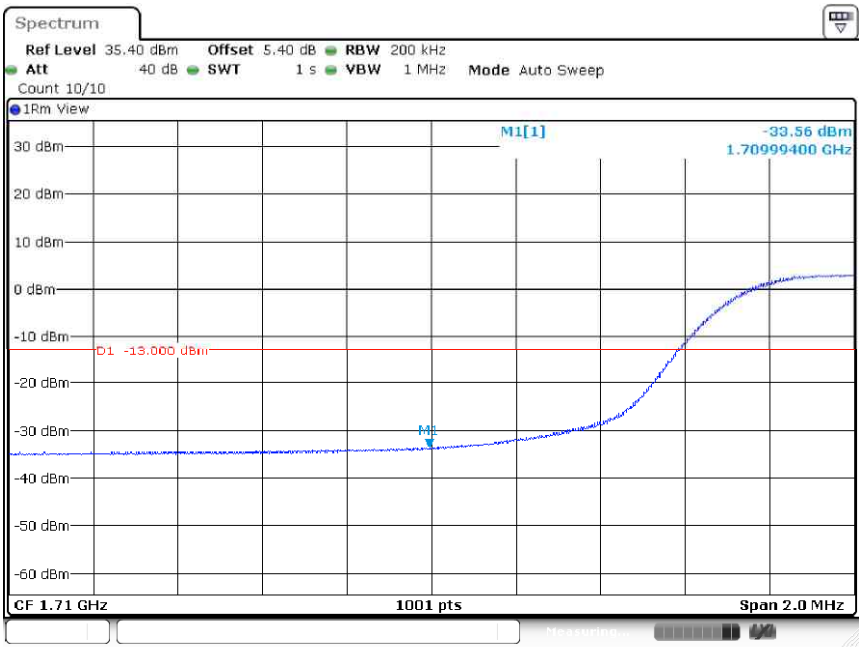
Band4-15MHz-16QAM-20025-75RB#0



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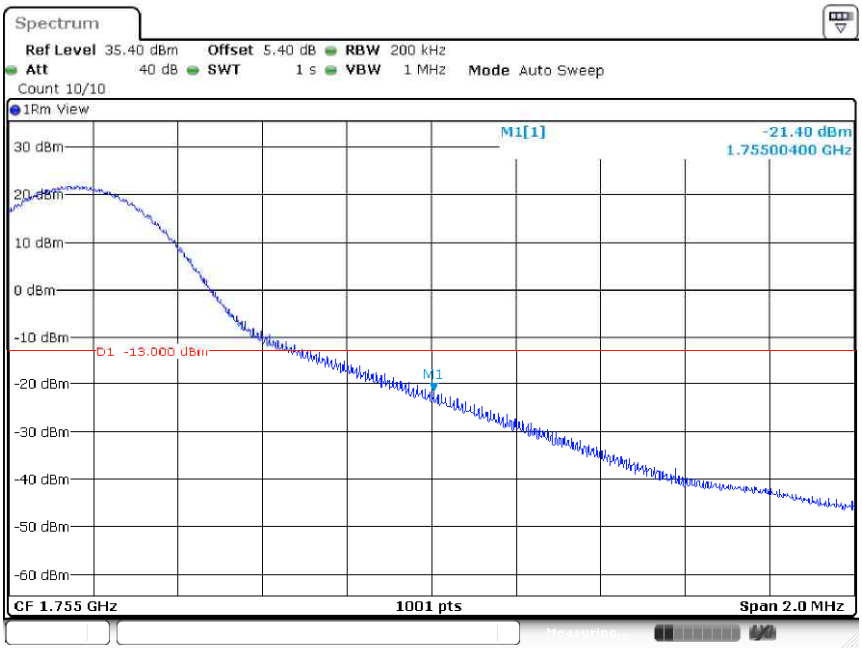
Band4-15MHz-16QAM-20325-1RB#74



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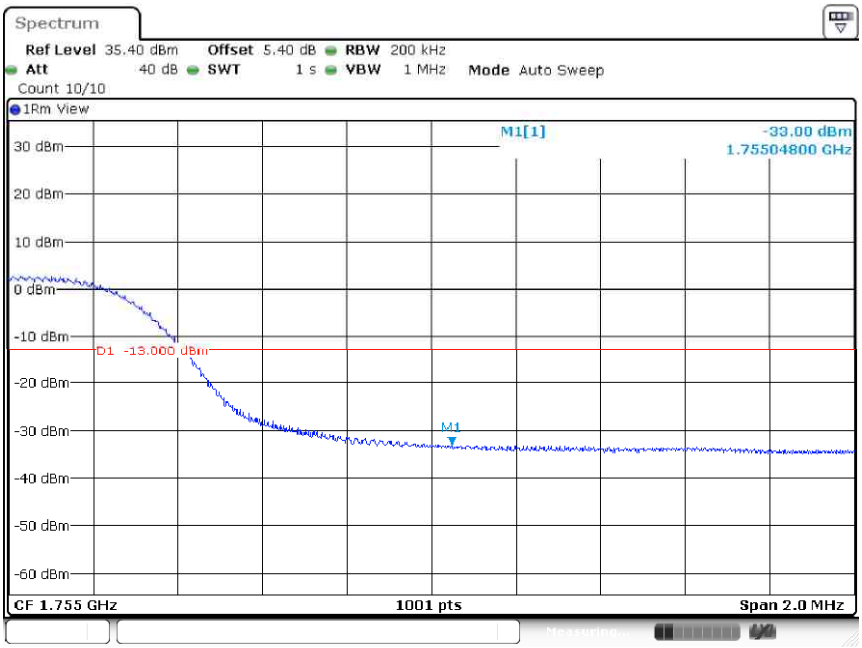
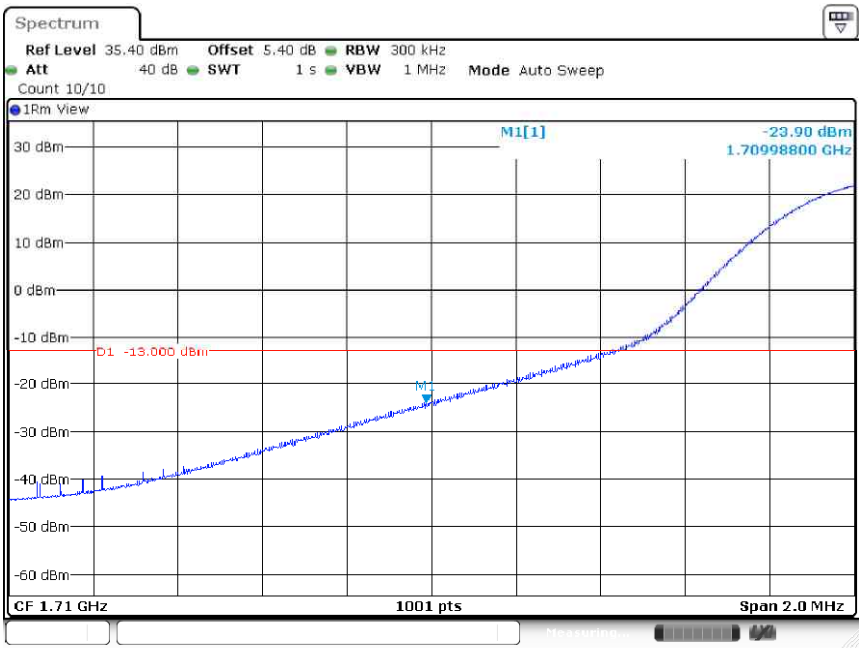
Band4-15MHz-16QAM-20325-75RB#0



Date: 9.JUL.2020 14:10:00

Band4-20MHz-QPSK-20050-1RB#0



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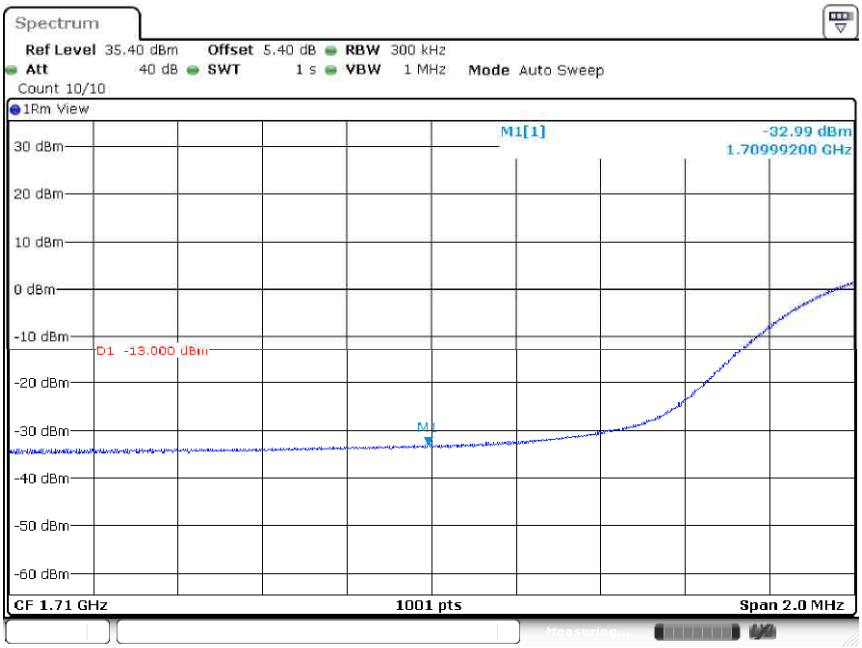
Band4-20MHz-QPSK-20050-100RB#0



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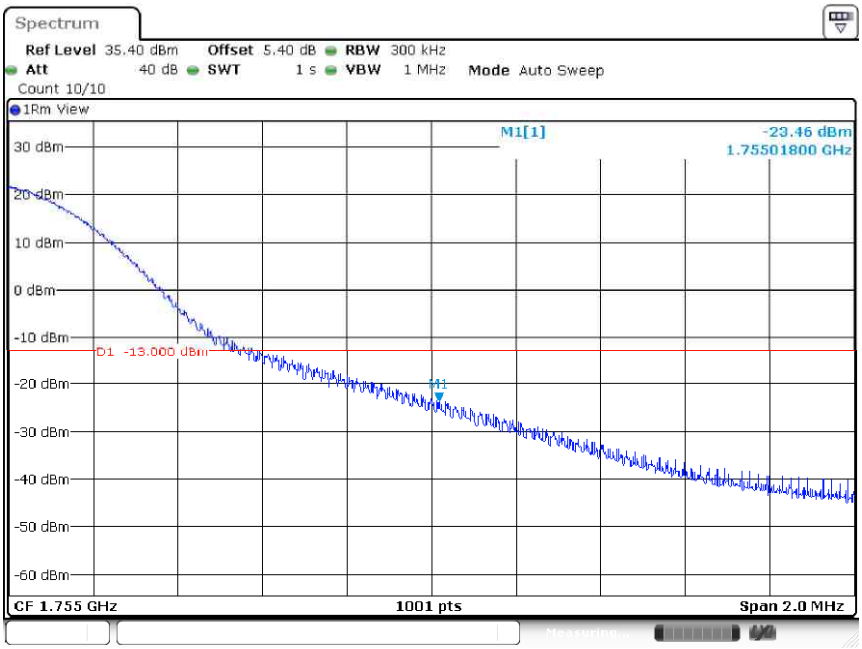

Date: 9.JUL.2020 14:11:52

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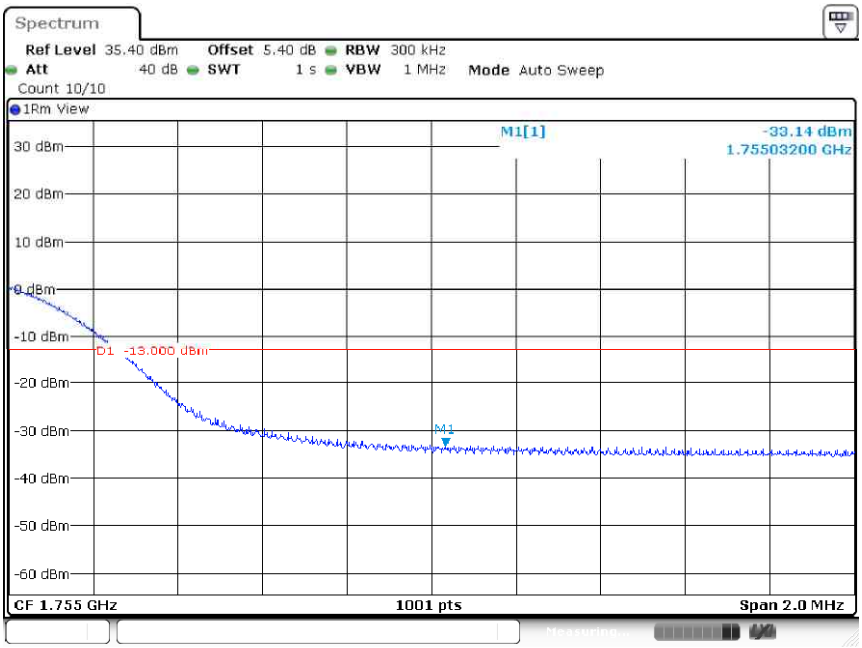
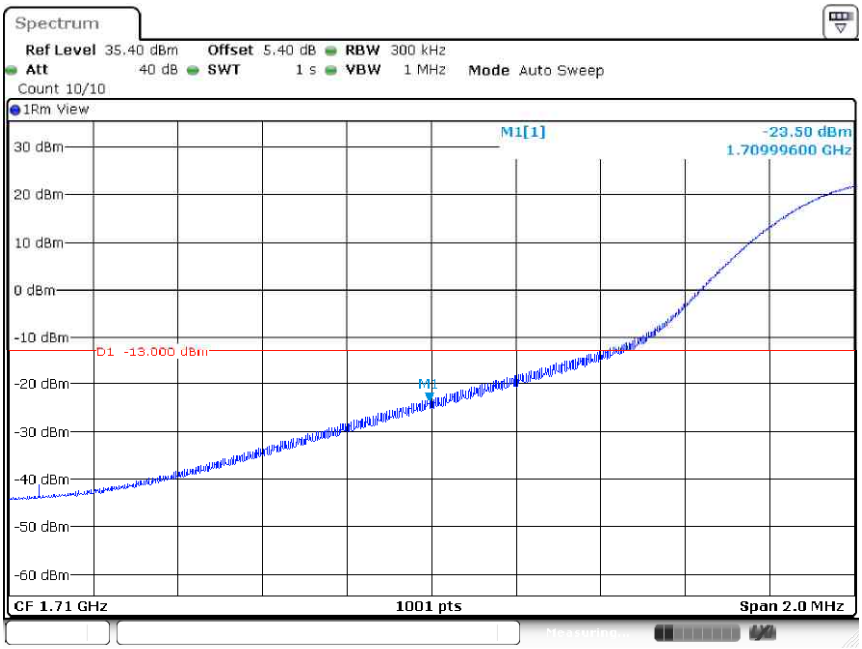
Band4-20MHz-QPSK-20300-100RB#0



Date: 9.JUL.2020 14:12:33

Band4-20MHz-64QAM-20050-1RB#0



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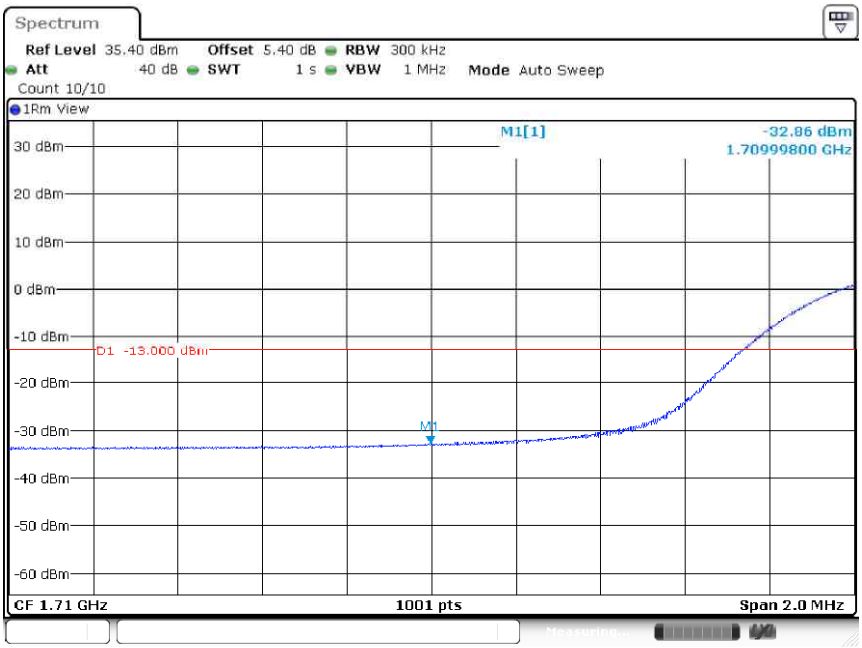
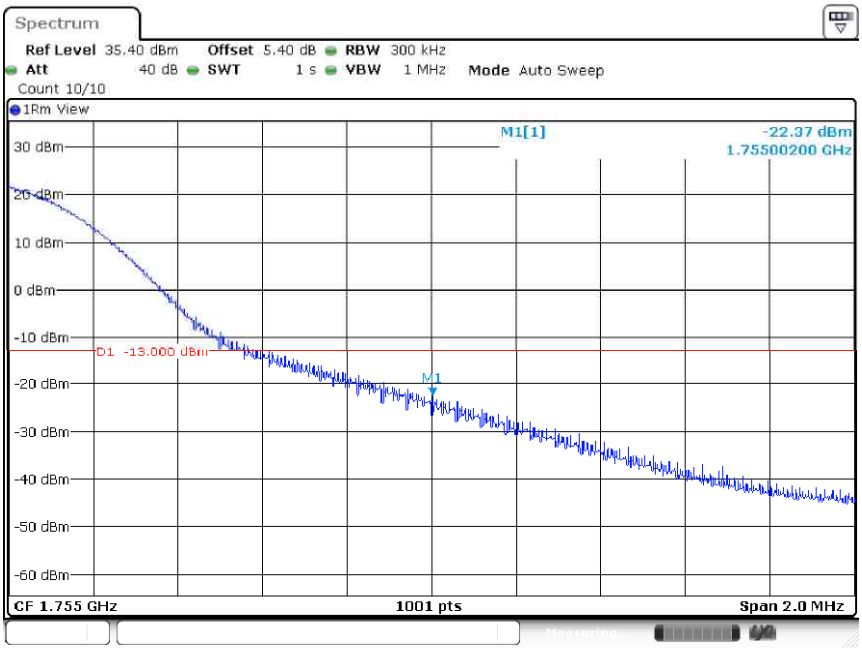
Band4-20MHz-64QAM-20050-100RB#0



Date: 14.JUL.2020 07:08:31

Band4-20MHz-64QAM-20300-1RB#99



Date: 14.JUL.2020 07:08:56

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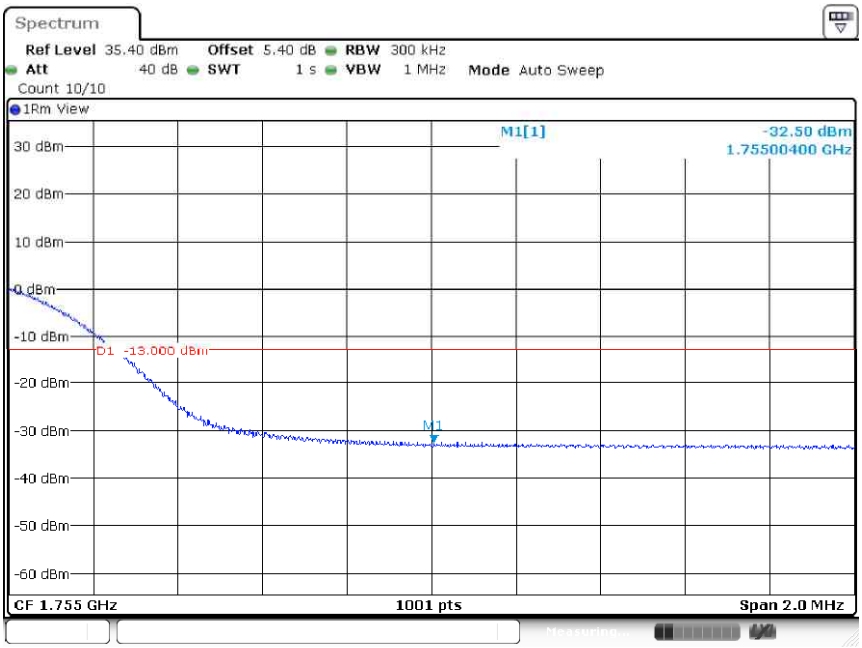
Band4-20MHz-64QAM-20300-100RB#0



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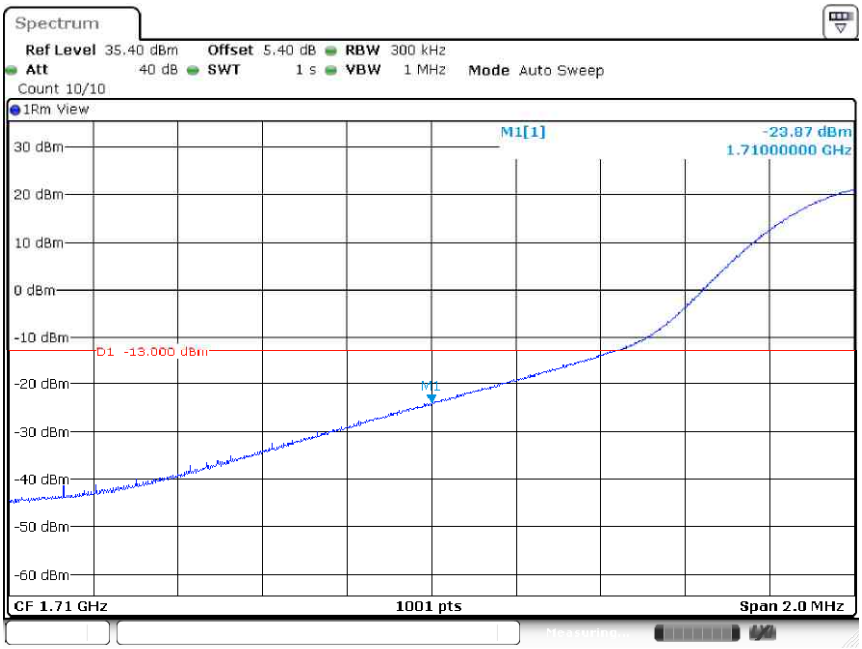
Band4-20MHz-16QAM-20050-1RB#0



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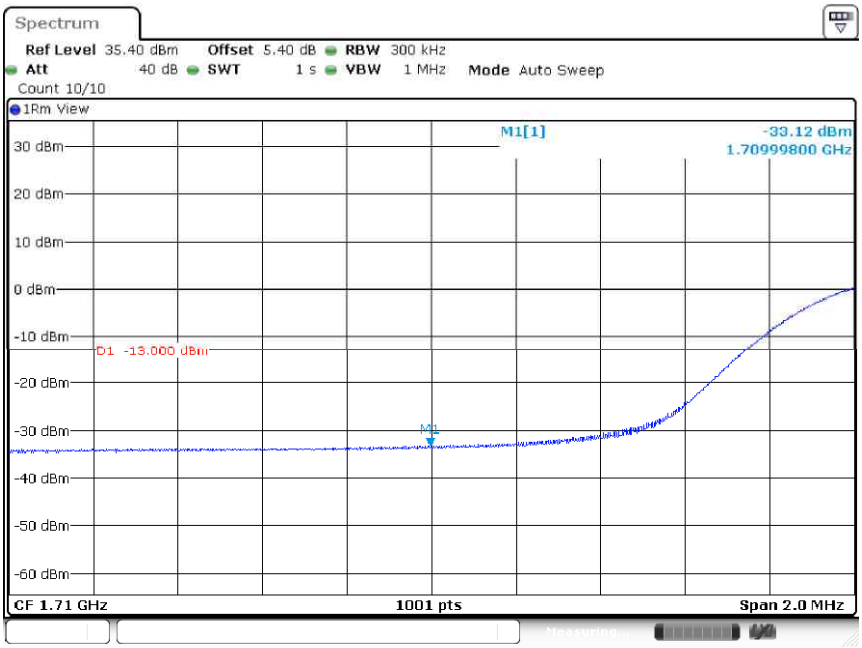
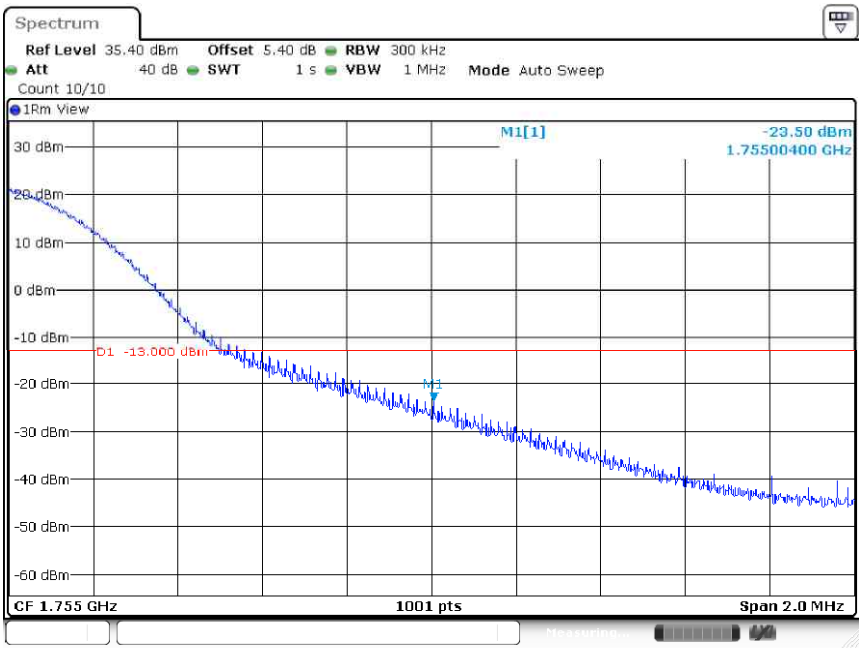
Band4-20MHz-16QAM-20050-100RB#0



Date: 9.JUL.2020 14:11:27

Band4-20MHz-16QAM-20300-1RB#99



Date: 9.JUL.2020 14:12:12

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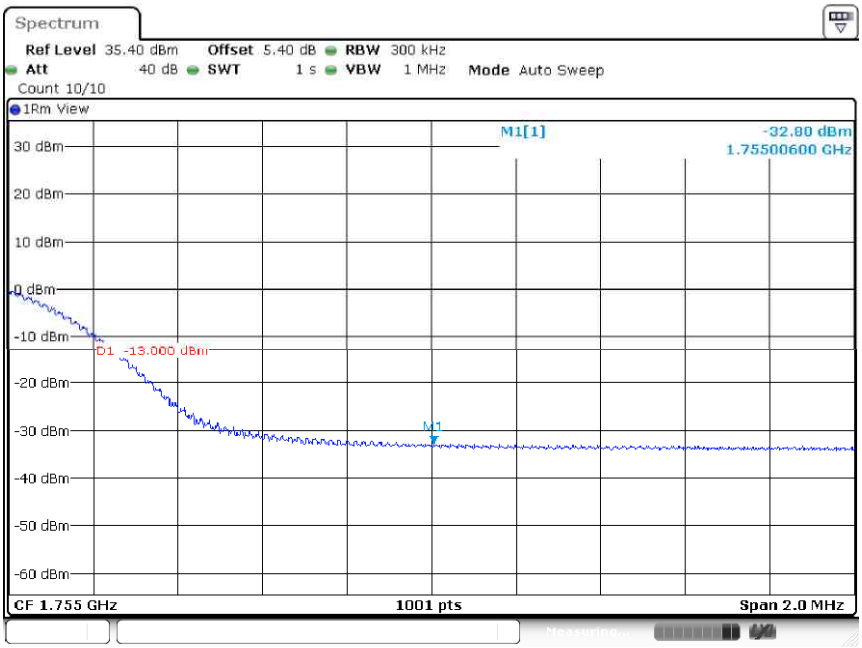
Band4-20MHz-16QAM-20300-100RB#0



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6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

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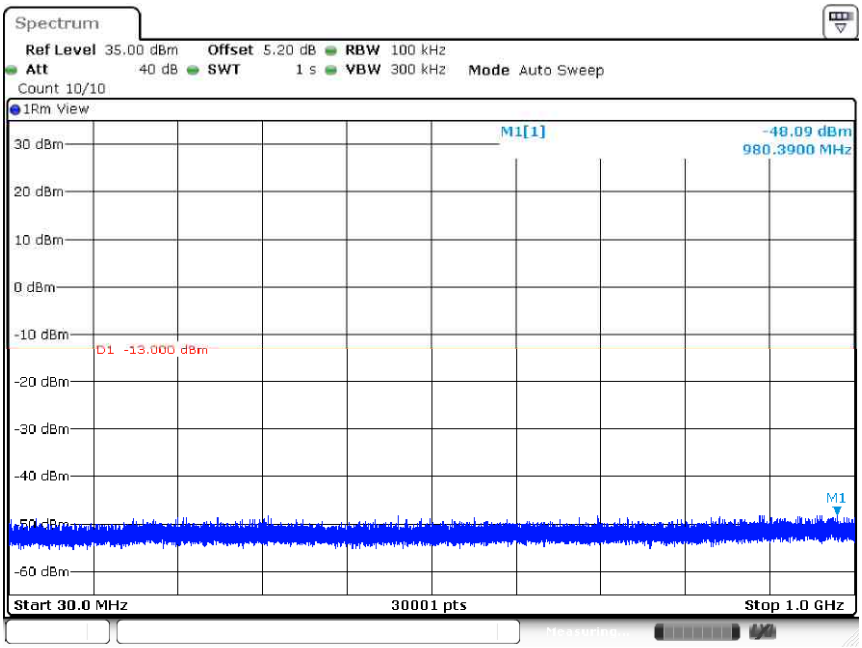
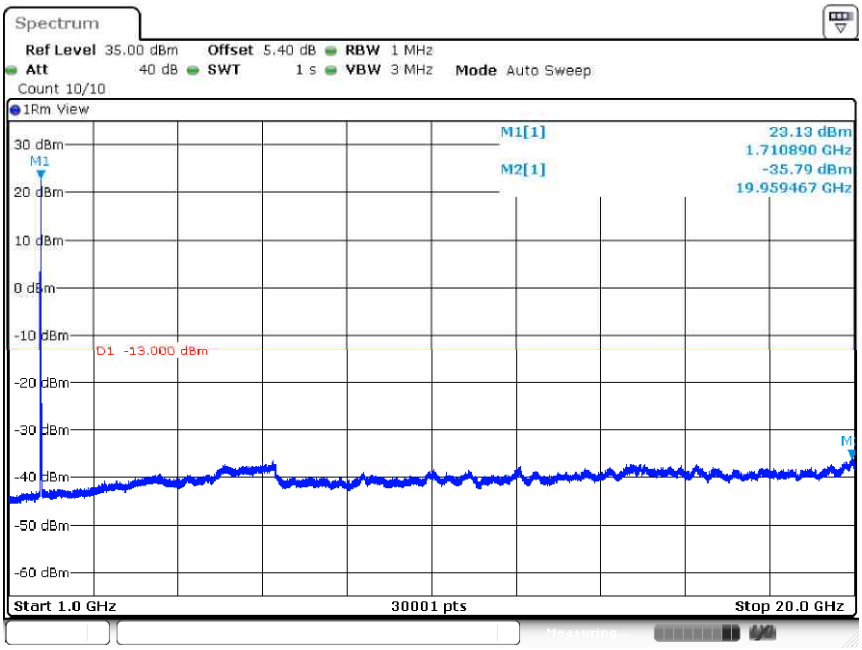
6.1. Test Plots

Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



Date: 9.JUL.2020 14:13:16

Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



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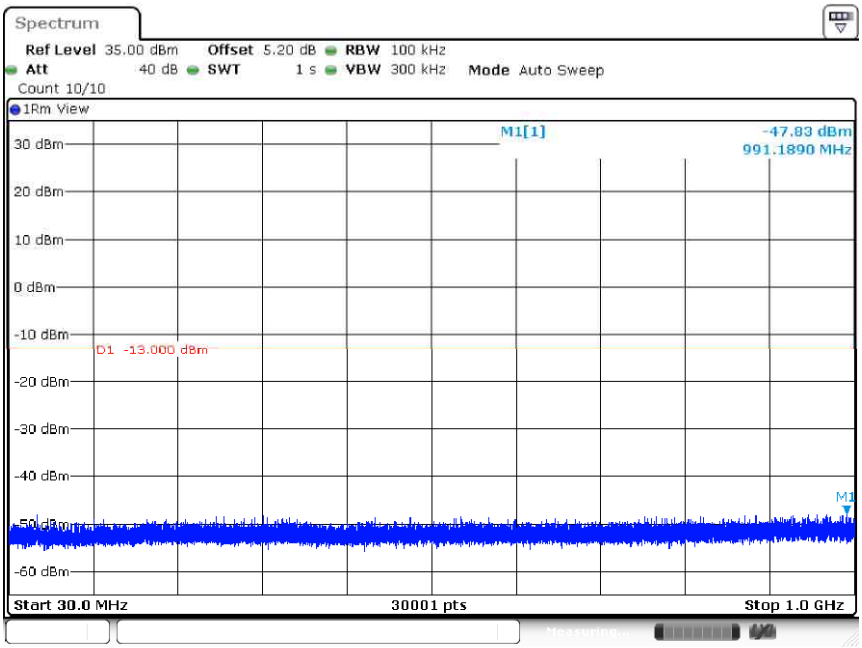
Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



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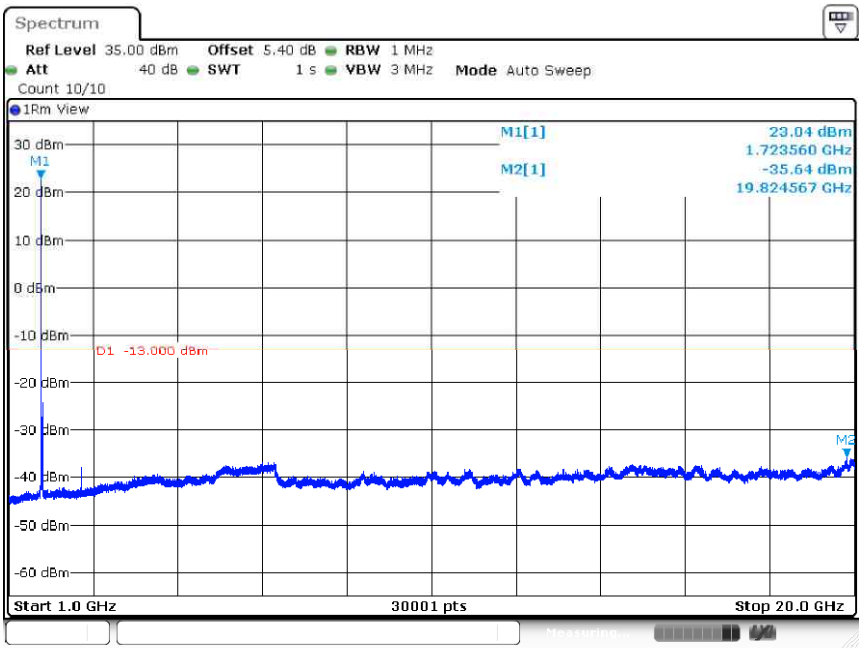
Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Date: 9.JUL.2020 14:14:42

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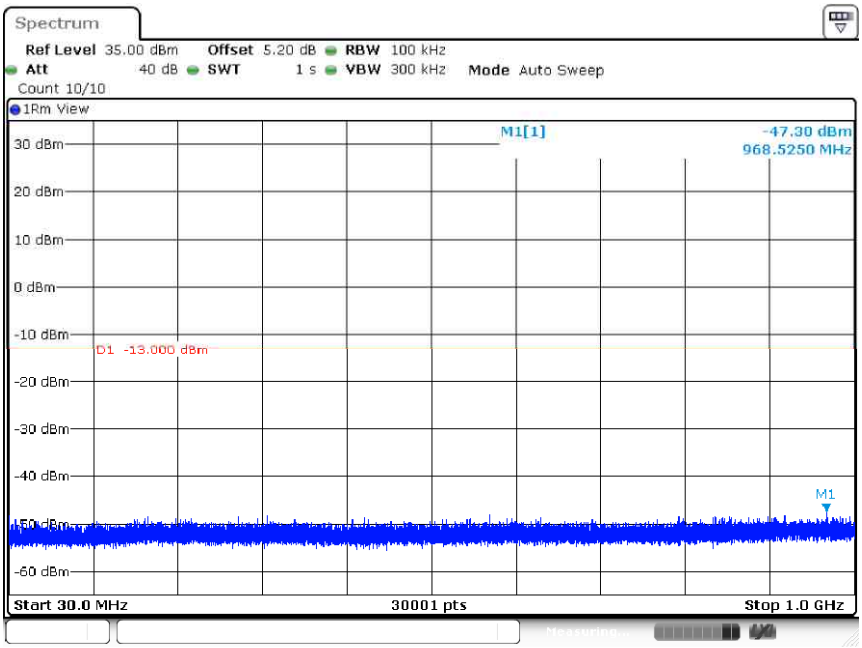
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



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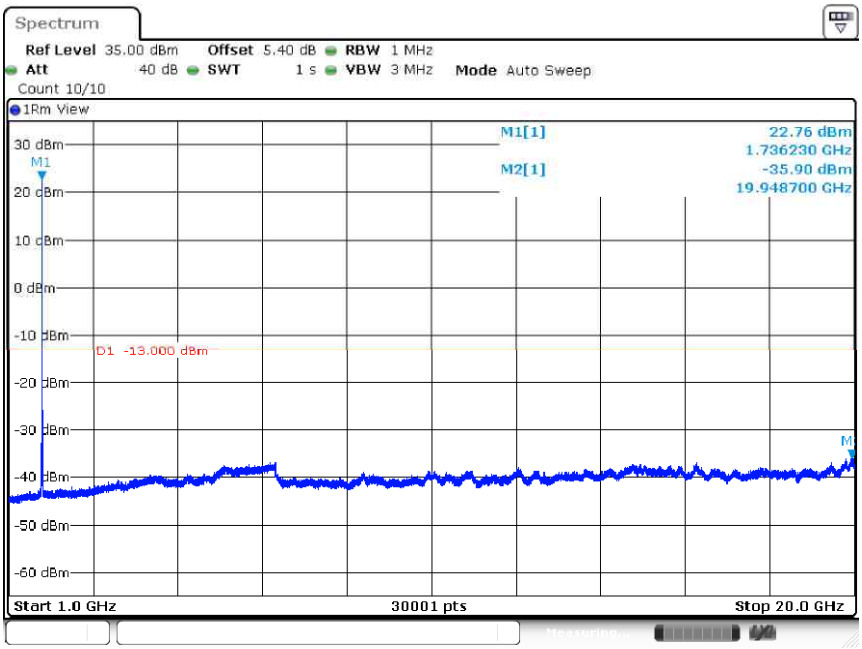
Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



Date: 9.JUL.2020 14:15:53

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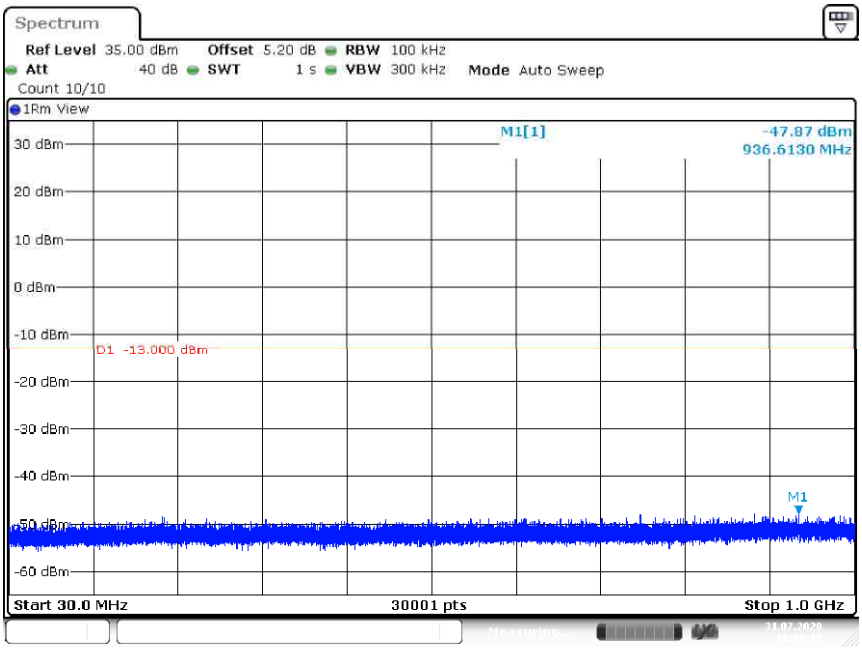
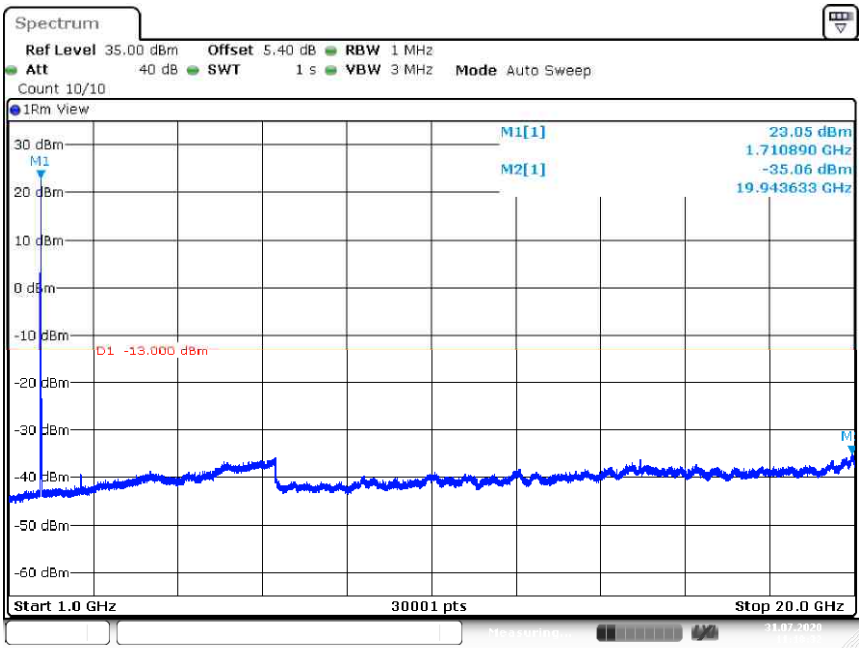
Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz



Date: 31.JUL.2020 11:18:16

Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz



Date: 31.JUL.2020 11:18:32

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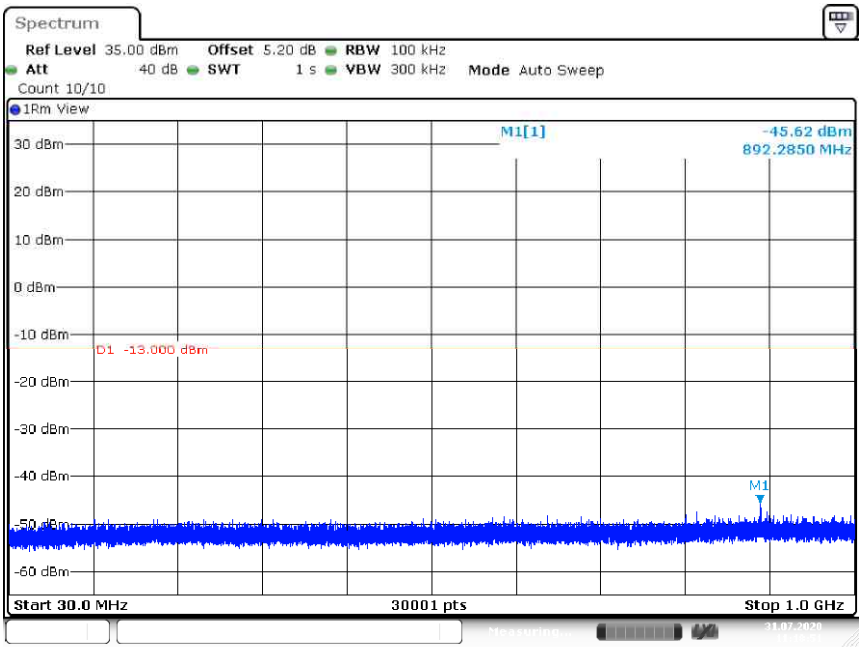
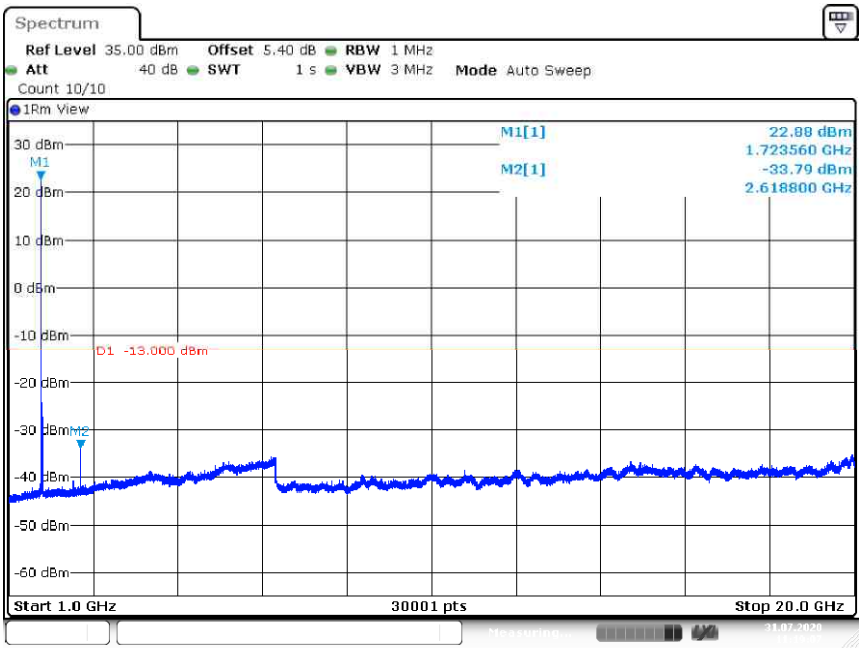
Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz



Date: 31.JUL.2020 11:18:51

Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz



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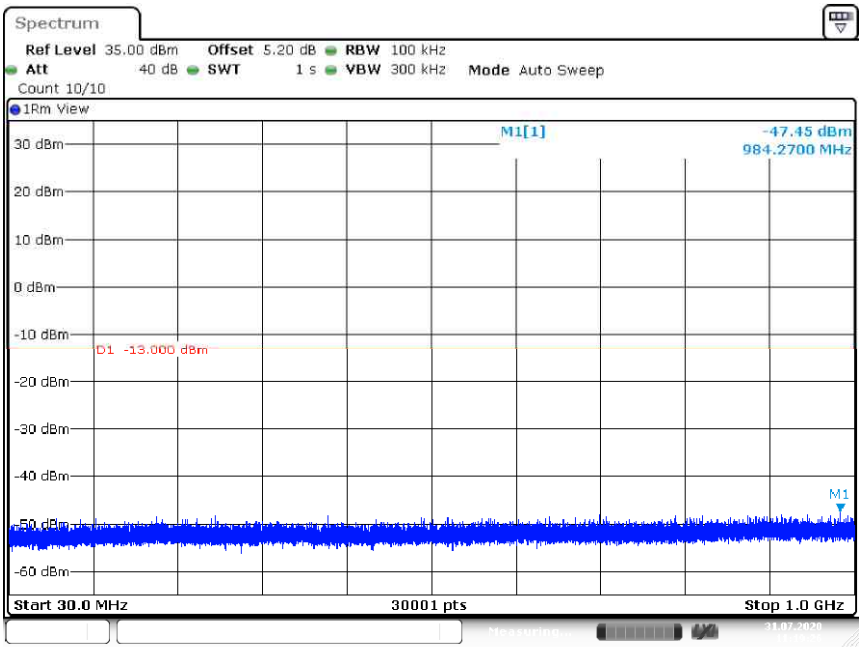
Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz



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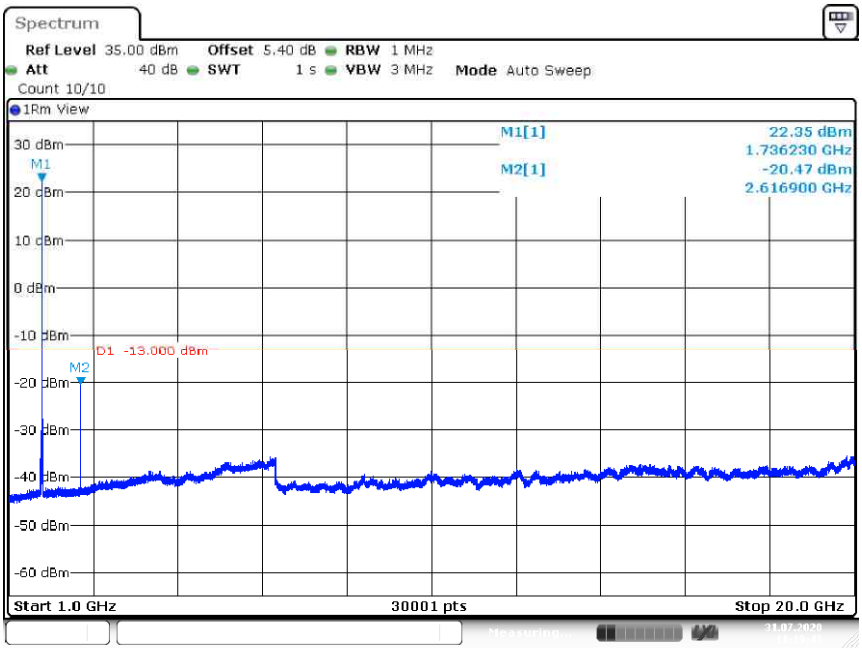
Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 31.JUL.2020 11:19:43

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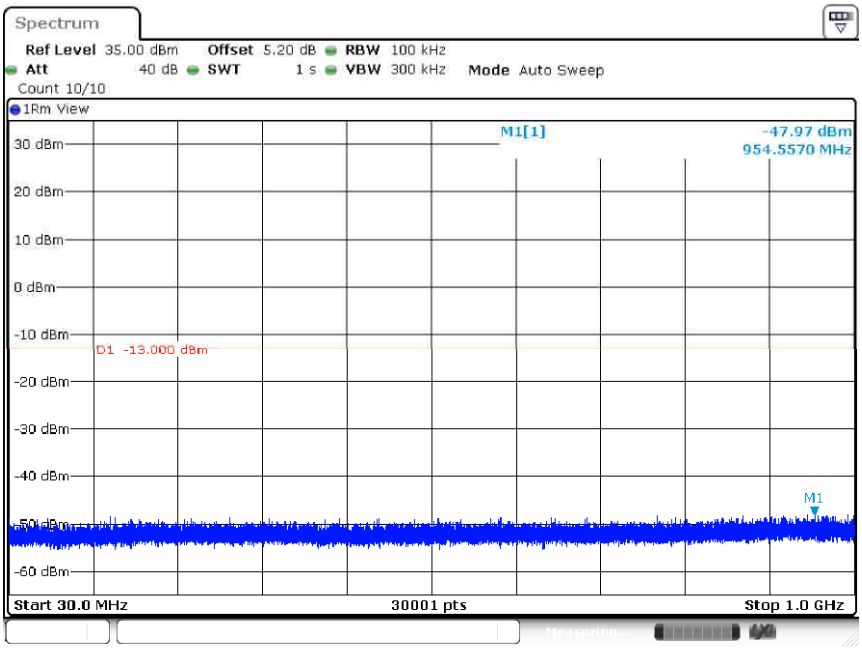
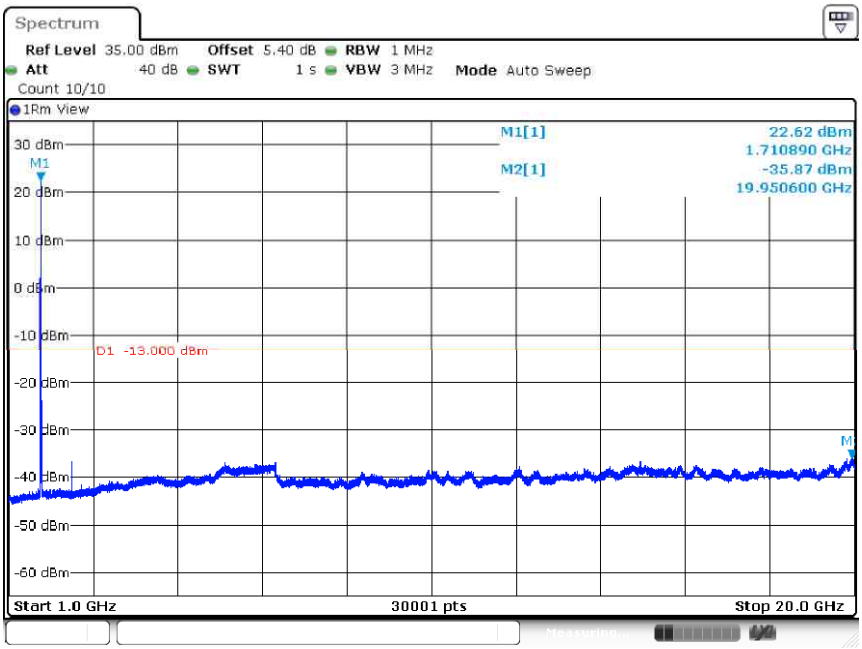
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



Date: 9.JUL.2020 14:13:51

Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



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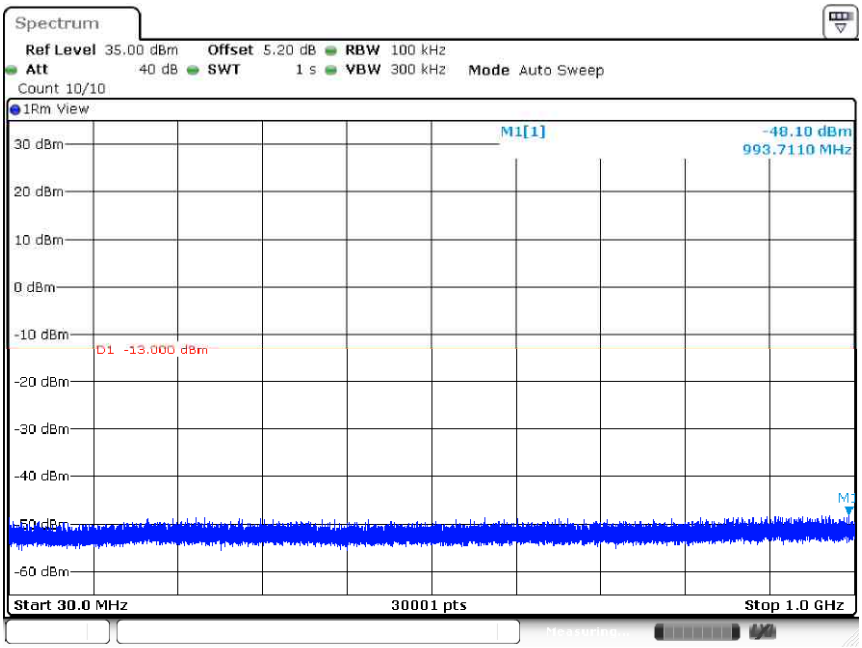
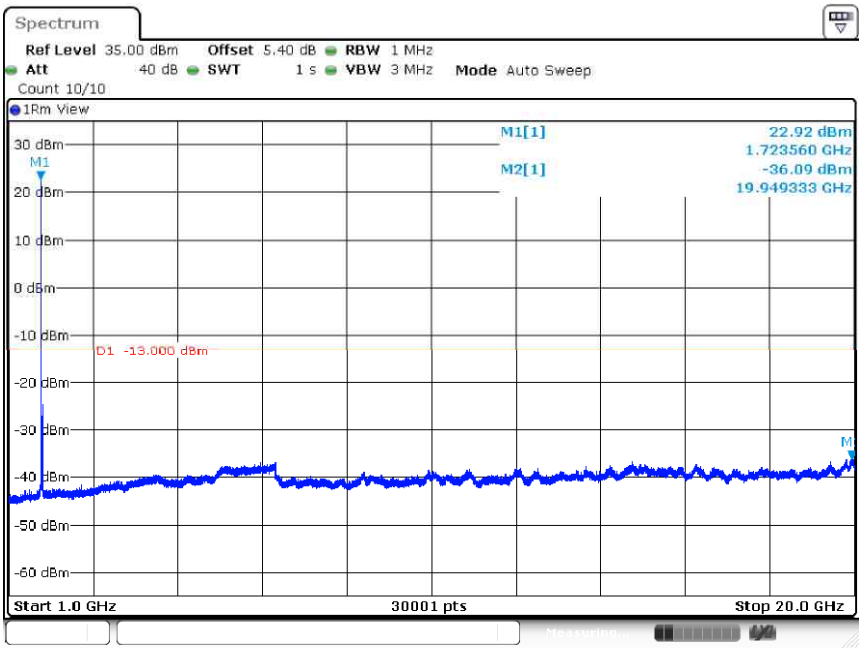
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Date: 9.JUL.2020 14:15:01

Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Date: 9.JUL.2020 14:15:17

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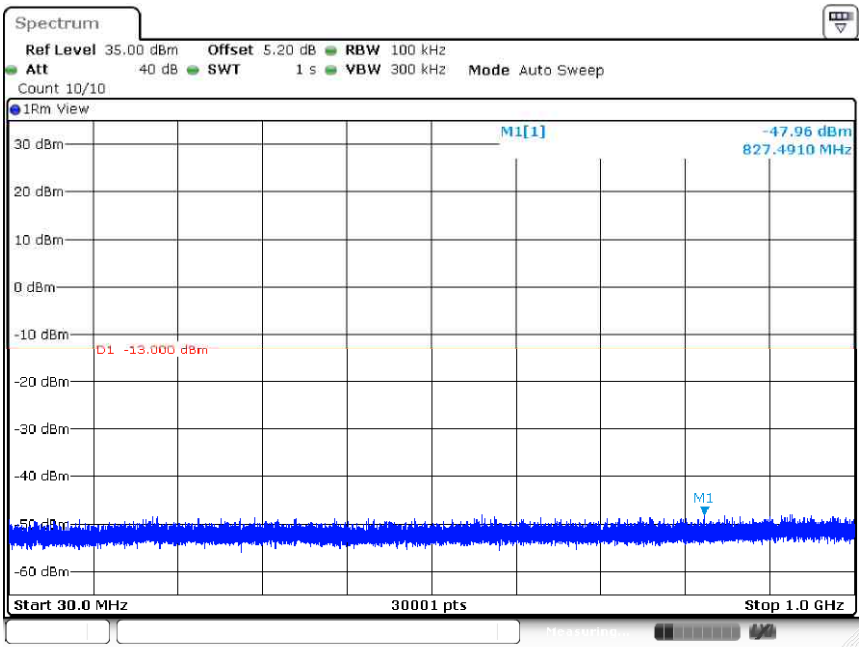

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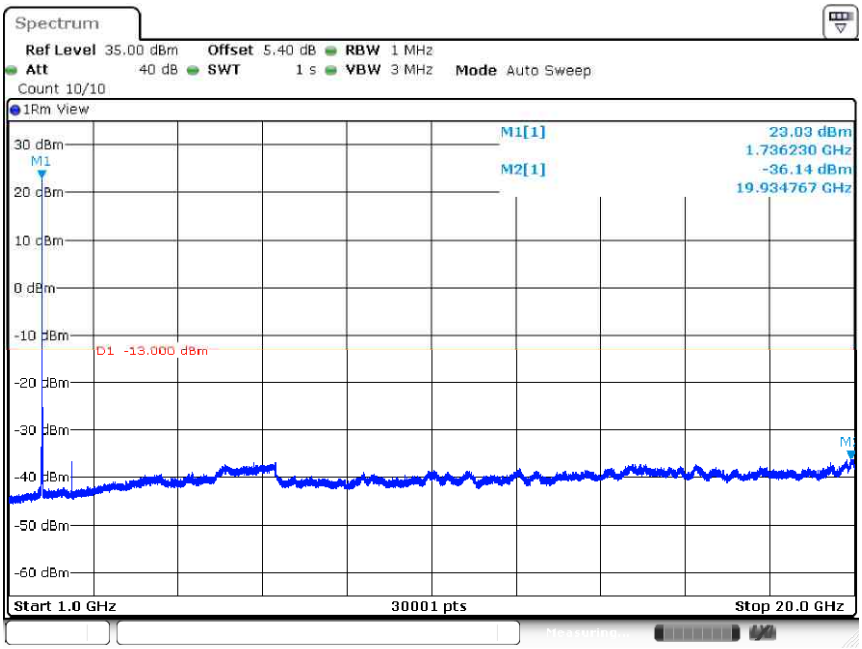
Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 9.JUL.2020 14:16:28

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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
51.6806	-72.25	-13.00	59.25	Vertical
110.8535	-64.92	-13.00	51.92	Vertical
460.7015	-67.12	-13.00	54.12	Vertical
3422.5141	-55.03	-13.00	42.03	Vertical
7417.1472	-55.45	-13.00	42.45	Vertical
17999.5000	-39.71	-13.00	26.71	Vertical
39.2155	-63.79	-13.00	50.79	Horizontal
249.7160	-68.38	-13.00	55.38	Horizontal
593.5012	-63.83	-13.00	50.83	Horizontal
3422.0141	-50.93	-13.00	37.93	Horizontal
7449.6483	-56.09	-13.00	43.09	Horizontal
16391.9464	-43.60	-13.00	30.60	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.5764	-73.45	-13.00	60.45	Vertical
113.6667	-64.47	-13.00	51.47	Vertical
470.4505	-66.30	-13.00	53.30	Vertical
3447.5149	-59.21	-13.00	46.21	Vertical
7420.1473	-55.68	-13.00	42.68	Vertical
17996.4999	-39.90	-13.00	26.90	Vertical
41.5921	-64.61	-13.00	51.61	Horizontal
231.6246	-68.72	-13.00	55.72	Horizontal
575.1673	-65.16	-13.00	52.16	Horizontal
3447.0149	-55.56	-13.00	42.56	Horizontal
8010.6670	-56.00	-13.00	43.00	Horizontal
16390.4463	-43.45	-13.00	30.45	Horizontal

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7.1.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
50.1285	-72.48	-13.00	59.48	Vertical
110.1260	-65.07	-13.00	52.07	Vertical
374.3187	-67.83	-13.00	54.83	Vertical
5093.0698	-61.60	-13.00	48.60	Vertical
8543.6848	-55.01	-13.00	42.01	Vertical
17998.5000	-40.09	-13.00	27.09	Vertical
41.5436	-64.90	-13.00	51.90	Horizontal
247.9699	-67.98	-13.00	54.98	Horizontal
576.6708	-64.97	-13.00	51.97	Horizontal
5208.0736	-58.98	-13.00	45.98	Horizontal
9336.2112	-52.68	-13.00	39.68	Horizontal
16393.4464	-43.77	-13.00	30.77	Horizontal

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-7.20	-0.004186	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-5.80	-0.003372	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-2.60	-0.001512	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-1.30	-0.000750	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	0.80	0.000462	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-5.70	-0.003290	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-1.80	-0.001032	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-6.00	-0.003438	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	-4.20	-0.002407	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	-9.30	-0.005407	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	-10.80	-0.006279	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	-2.60	-0.001512	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	0.60	0.000346	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	-3.90	-0.002251	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	-6.10	-0.003521	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	-5.90	-0.003381	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-2.80	-0.001605	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	-3.50	-0.002006	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-9.20	-0.005349	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-7.80	-0.004535	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-6.20	-0.003605	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-0.70	-0.000404	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-0.40	-0.000231	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-2.90	-0.001662	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-6.30	-0.003610	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	0.40	0.000229	±2.5	PASS

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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	-6.60	-0.003837	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	-7.30	-0.004244	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	-5.56	-0.003233	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	-10.70	-0.006221	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	-5.00	-0.002907	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	-4.20	-0.002442	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	-3.80	-0.002209	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	-7.30	-0.004244	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	-4.60	-0.002674	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	0.50	0.000289	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-5.90	-0.003405	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-4.93	-0.002846	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-3.40	-0.001962	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-7.30	-0.004214	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-0.90	-0.000519	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-8.20	-0.004733	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-4.30	-0.002482	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-4.70	-0.002713	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-7.20	-0.004126	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-5.00	-0.002865	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-3.77	-0.002160	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-5.50	-0.003152	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-0.90	-0.000516	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-4.40	-0.002521	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-5.80	-0.003324	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-2.20	-0.001261	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-4.30	-0.002464	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	-0.30	-0.000174	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	-6.20	-0.003605	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-10	-4.75	-0.002762	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	-6.10	-0.003547	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	-5.20	-0.003023	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	-6.30	-0.003663	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	-3.70	-0.002151	±2.5	PASS

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Band4	20MHz	64QAM	20050	100RB#0	NV	40	-6.60	-0.003837	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	-4.70	-0.002733	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	-7.00	-0.004040	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	-5.80	-0.003348	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-10	-3.44	-0.001986	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	-1.20	-0.000693	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	-4.60	-0.002655	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	-3.70	-0.002136	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	-6.20	-0.003579	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	40	-2.90	-0.001674	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	-6.10	-0.003521	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	-2.10	-0.001203	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-10.90	-0.006246	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-10	-6.56	-0.003759	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	-7.70	-0.004413	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	-7.70	-0.004413	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-6.40	-0.003668	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	-4.70	-0.002693	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-5.10	-0.002923	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-3.30	-0.001891	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	-8.70	-0.005058	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	-8.40	-0.004884	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	-8.95	-0.005203	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	-3.90	-0.002267	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	-3.90	-0.002267	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	-5.40	-0.003140	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	-9.60	-0.005581	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	-11.30	-0.006570	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	-8.40	-0.004884	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	-3.20	-0.001847	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-2.80	-0.001616	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	-2.54	-0.001466	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	-0.60	-0.000346	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	-2.60	-0.001501	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-5.10	-0.002944	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	-0.30	-0.000173	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-3.10	-0.001789	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	2.70	0.001558	±2.5	PASS

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Band4	20MHz	16QAM	20300	100RB#0	NV	-30	0.80	0.000458	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-7.30	-0.004183	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	-4.28	-0.002453	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-3.80	-0.002178	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-2.80	-0.001605	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-3.40	-0.001948	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-1.20	-0.000688	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-1.40	-0.000802	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-2.50	-0.001433	±2.5	PASS

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