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Appendix B.4

LTE Band 4



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Effective (Isotropic) Radiated Power Output Data

Test Result

ANT4

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.67	22.27	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.65	22.25	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.61	22.21	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.60	21.20	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.54	22.14	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.59	22.19	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.57	22.17	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.57	21.17	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.37	21.97	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.40	22.00	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.39	21.99	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.38	20.98	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.94	21.54	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.98	21.58	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.92	21.52	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.68	20.28	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.88	21.48	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.86	21.46	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.87	21.47	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.60	20.20	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.69	21.29	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.67	21.27	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.62	21.22	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.44	20.04	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.82	20.42	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.75	20.35	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.74	20.34	30.00	PASS



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Band4	1.4MHz	64QAM	19957	6RB#0	20.56	19.16	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.73	20.33	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.68	20.28	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.66	20.26	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.51	19.11	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.45	20.05	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.55	20.15	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.45	20.05	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.34	18.94	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.64	22.24	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.63	22.23	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.62	22.22	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.59	21.19	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.54	22.14	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.57	22.17	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.53	22.13	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.54	21.14	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.34	21.94	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.37	21.97	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.39	21.99	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.34	20.94	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.96	21.56	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.85	21.45	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.82	21.42	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.60	20.20	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.80	21.40	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.72	21.32	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.75	21.35	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.52	20.12	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.50	21.10	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.62	21.22	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.58	21.18	30.00	PASS



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Band4	3MHz	16QAM	20385	15RB#0	21.36	19.96	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.72	20.32	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.77	20.37	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.74	20.34	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.60	19.20	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.66	20.26	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	21.70	20.30	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.66	20.26	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.48	19.08	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.55	20.15	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.44	20.04	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.49	20.09	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.35	18.95	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.68	22.28	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.71	22.31	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.64	22.24	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.68	21.28	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.65	22.25	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.64	22.24	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.58	22.18	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.56	21.16	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.43	22.03	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.43	22.03	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.44	22.04	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.40	21.00	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.91	21.51	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.86	21.46	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.96	21.56	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.64	20.24	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.89	21.49	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.81	21.41	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.87	21.47	30.00	PASS



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Band4	5MHz	16QAM	20175	25RB#0	21.60	20.20	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.65	21.25	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.54	21.14	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.55	21.15	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.42	20.02	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.80	20.40	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.77	20.37	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.83	20.43	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.65	19.25	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.74	20.34	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.73	20.33	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.78	20.38	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.57	19.17	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.59	20.19	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.53	20.13	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.55	20.15	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.37	18.97	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.65	22.25	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.65	22.25	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.71	22.31	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.68	21.28	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.61	22.21	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.59	22.19	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.54	22.14	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.62	21.22	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.35	21.95	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.39	21.99	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.41	22.01	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.38	20.98	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.92	21.52	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.79	21.39	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.91	21.51	30.00	PASS



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Band4	10MHz	16QAM	20000	50RB#0	21.59	20.19	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.92	21.52	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.90	21.50	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.71	21.31	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.58	20.18	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.58	21.18	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.60	21.20	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.59	21.19	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.33	19.93	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.72	20.32	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.76	20.36	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.77	20.37	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.64	19.24	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.78	20.38	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.71	20.31	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.61	20.21	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.56	19.16	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.48	20.08	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.43	20.03	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.49	20.09	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.35	18.95	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.58	22.18	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.62	22.22	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.63	22.23	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.61	21.21	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.61	22.21	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.61	22.21	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.47	22.07	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.57	21.17	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.33	21.93	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.38	21.98	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.37	21.97	30.00	PASS



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Band4	15MHz	QPSK	20325	75RB#0	22.30	20.90	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.81	21.41	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.89	21.49	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.88	21.48	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.57	20.17	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.90	21.50	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.88	21.48	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.74	21.34	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.60	20.20	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.57	21.17	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.56	21.16	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.65	21.25	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.28	19.88	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.74	20.34	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.75	20.35	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.77	20.37	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.61	19.21	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.76	20.36	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.80	20.40	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.60	20.20	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.56	19.16	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.42	20.02	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.51	20.11	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.53	20.13	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.34	18.94	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.64	22.24	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.66	22.26	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.58	22.18	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.54	21.14	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.62	22.22	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.61	22.21	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.45	22.05	30.00	PASS



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Band4	20MHz	QPSK	20175	100RB#0	22.68	21.28	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.41	22.01	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.38	21.98	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.33	21.93	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.27	20.87	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.85	21.45	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.91	21.51	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.86	21.46	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.55	20.15	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.94	21.54	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.79	21.39	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.79	21.39	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.62	20.22	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.66	21.26	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.62	21.22	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.69	21.29	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.32	19.92	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.74	20.34	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.79	20.39	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.69	20.29	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.48	19.08	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.81	20.41	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.72	20.32	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.60	20.20	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.59	19.19	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.44	20.04	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.49	20.09	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.46	20.06	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.30	18.90	30.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.70	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.70	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.64	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.46	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.48	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.42	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.62	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.66	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.60	13	PASS

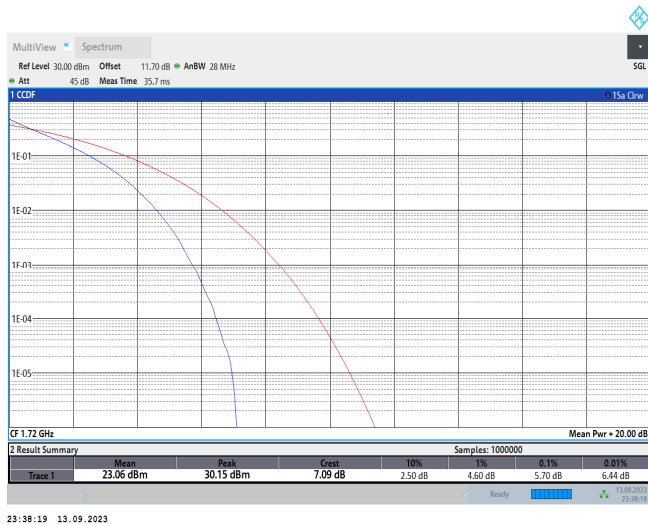


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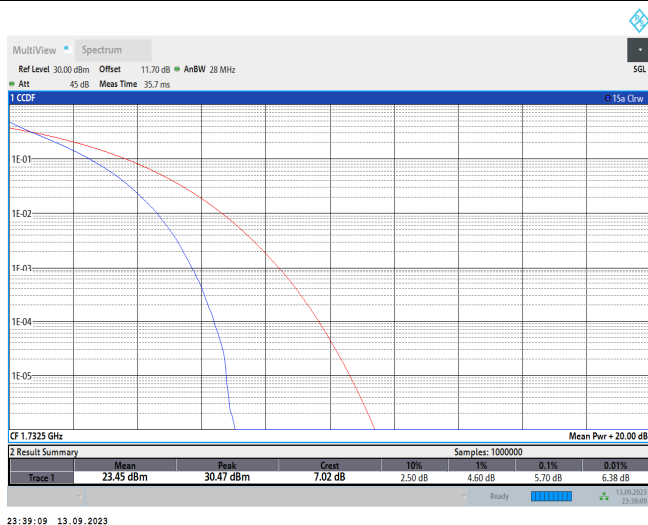
Test Graphs

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



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

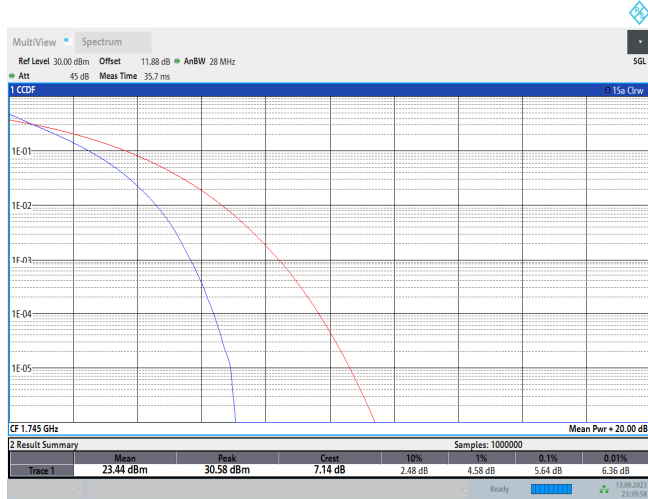


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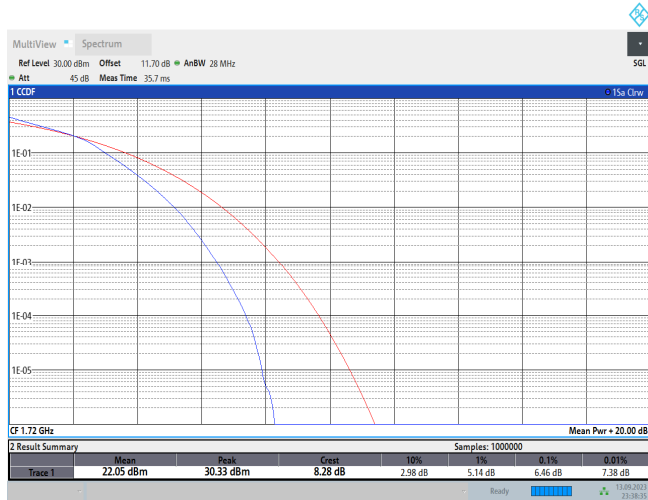
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Band4-20MHz-QPSK-20300-100RB#0



23:39:58 13.09.2023

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

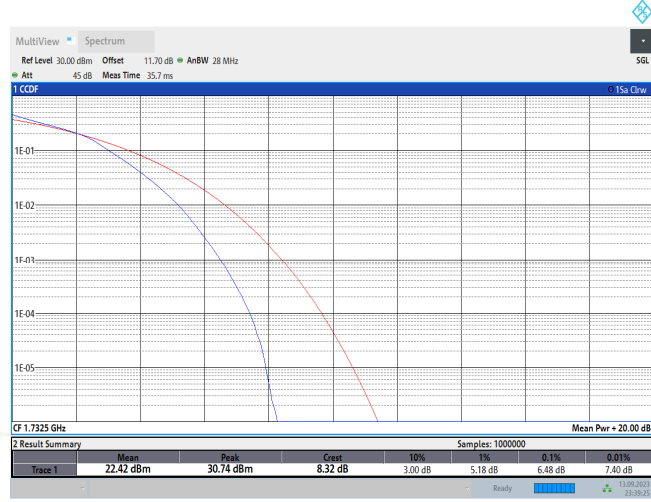


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Band4-20MHz-16QAM-20175-100RB#0



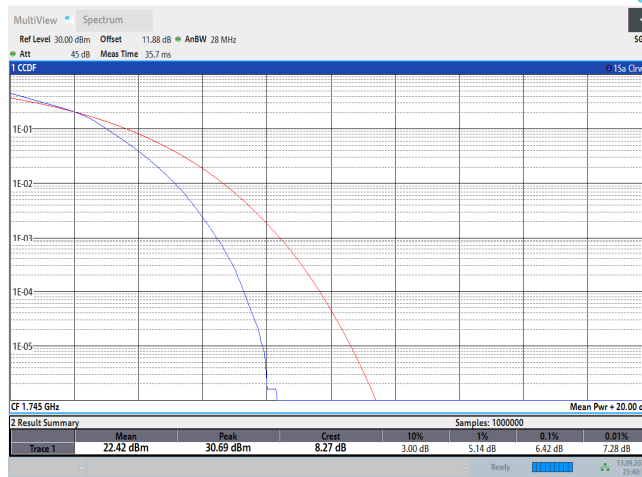
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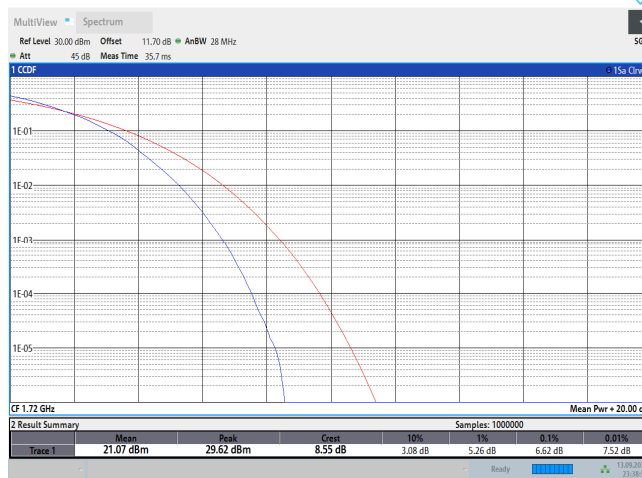
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Band4-20MHz-16QAM-20300-100RB#0



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



23:38:52 13.09.2023

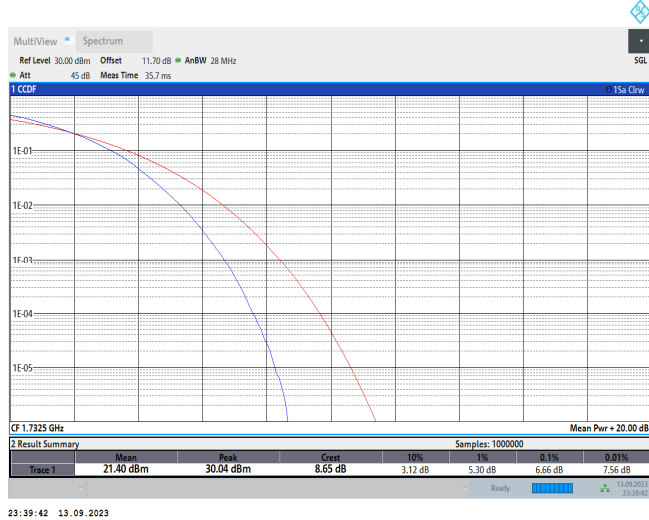


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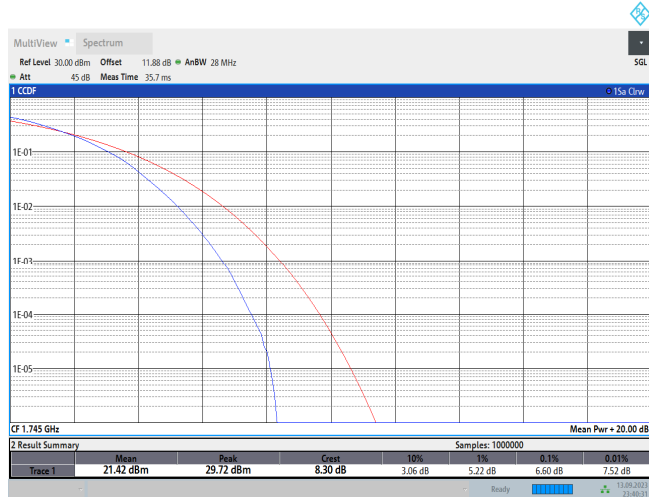
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Band4-20MHz-64QAM-20175-100RB#0



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



23:40:31 13.09.2023



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.086	1.27	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.086	1.28	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.088	1.33	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.095	1.31	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.095	1.31	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.095	1.31	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.096	1.30	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.096	1.31	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.096	1.30	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.688	2.92	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.688	2.92	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.687	2.92	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.68	2.92	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.682	2.92	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.683	2.92	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.681	2.90	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.682	2.98	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.684	2.92	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.469	4.85	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.471	4.87	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.468	4.84	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.468	4.87	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.462	4.84	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.462	4.87	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.473	4.90	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.474	4.88	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.476	4.87	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.932	9.64	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.934	9.60	PASS



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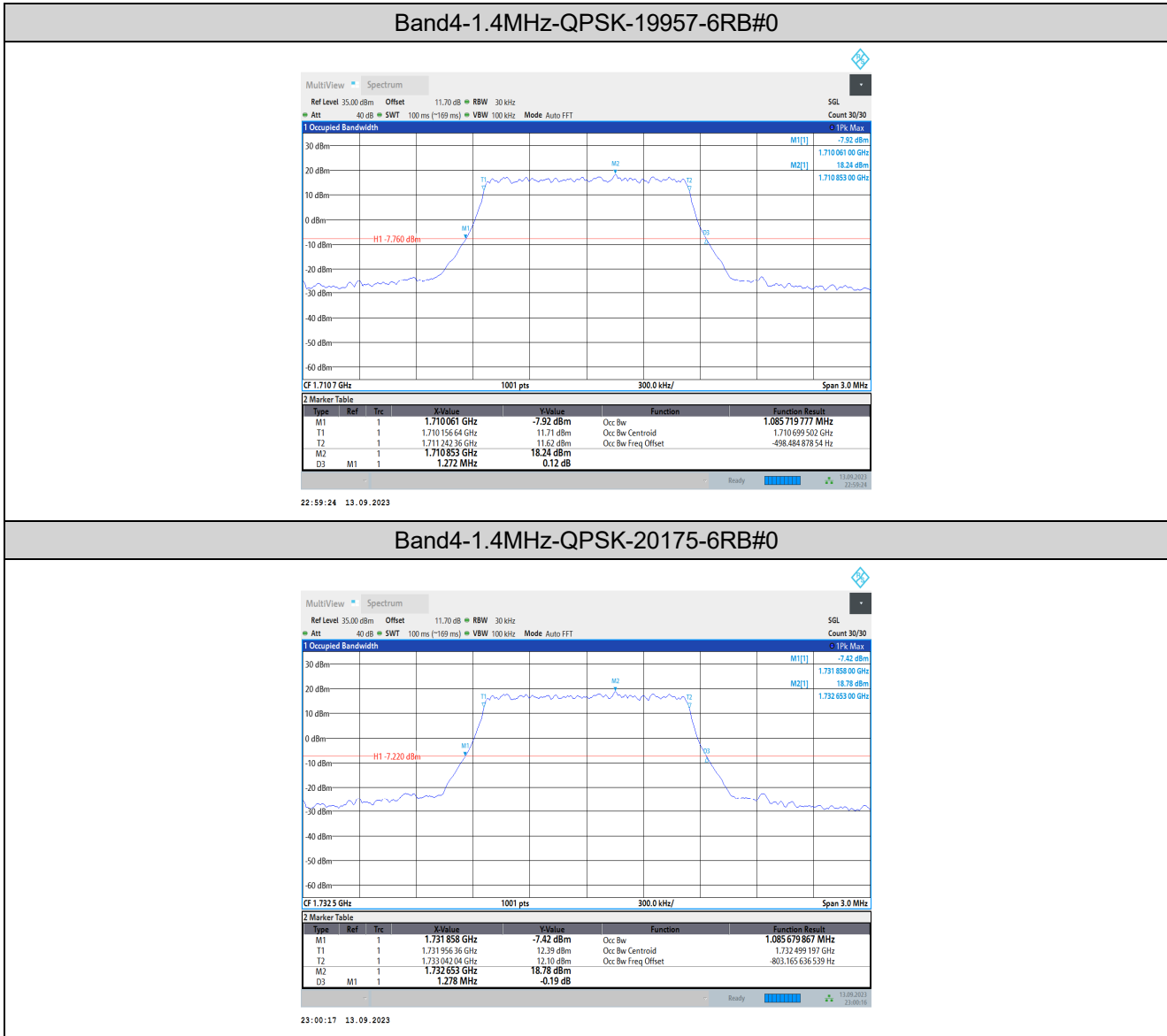
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Band4	10MHz	16QAM	20000	50RB#0	8.91	9.60	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.914	9.60	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.913	9.52	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.926	9.62	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.932	9.64	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.922	9.62	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.459	14.70	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.461	14.73	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.444	14.67	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.452	14.85	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.452	14.76	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.432	14.70	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.428	14.70	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.436	14.73	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.412	14.76	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.933	19.32	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.922	19.44	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.896	19.40	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.892	19.28	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.885	19.24	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.895	19.24	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.889	19.36	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.891	19.32	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.873	19.36	PASS



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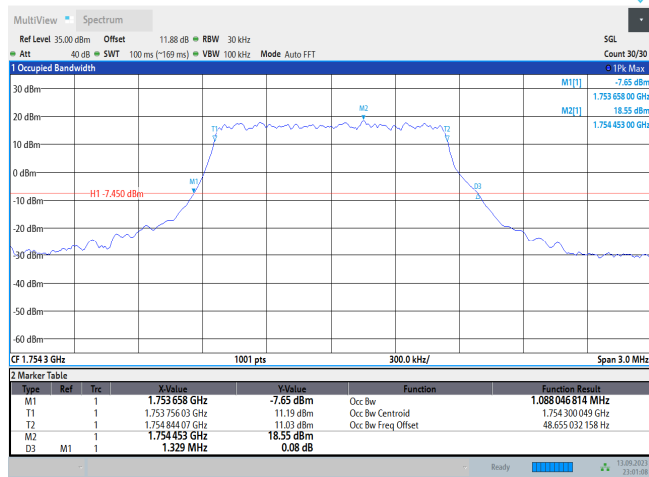
Test Graphs



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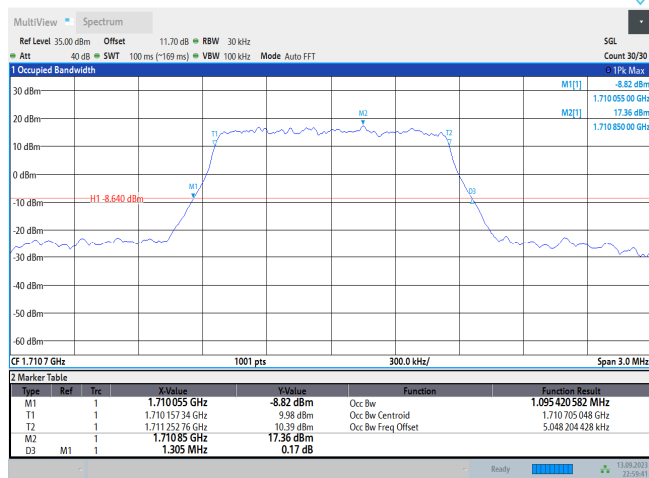
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Band4-1.4MHz-QPSK-20393-6RB#0



23:01:08 13.09.2023

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



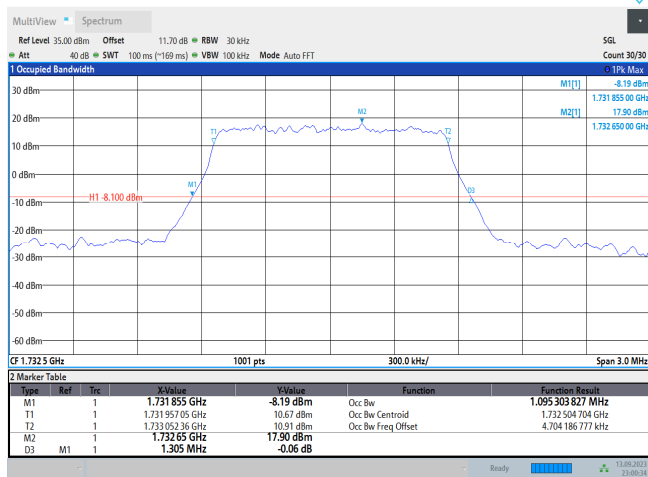
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Band4-1.4MHz-16QAM-20175-6RB#0

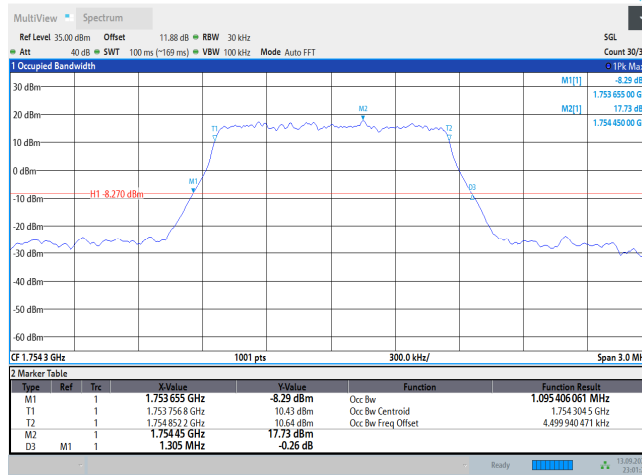


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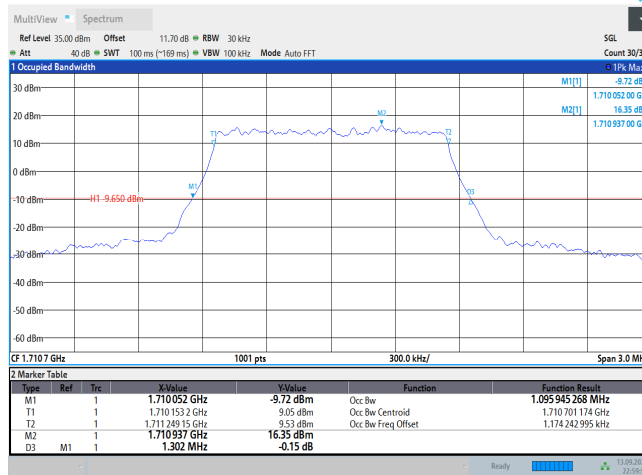
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Band4-1.4MHz-16QAM-20393-6RB#0



23:01:26 13.09.2023

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



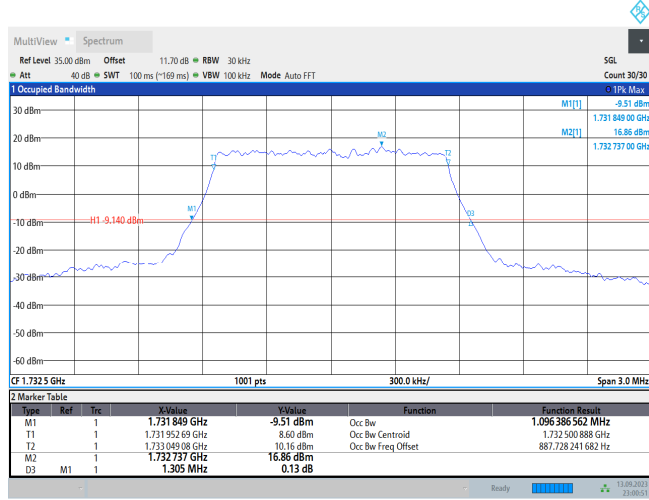
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Band4-1.4MHz-64QAM-20175-6RB#0



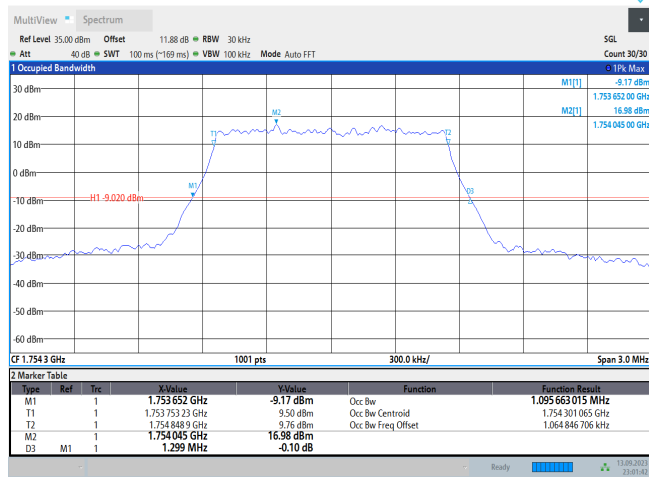
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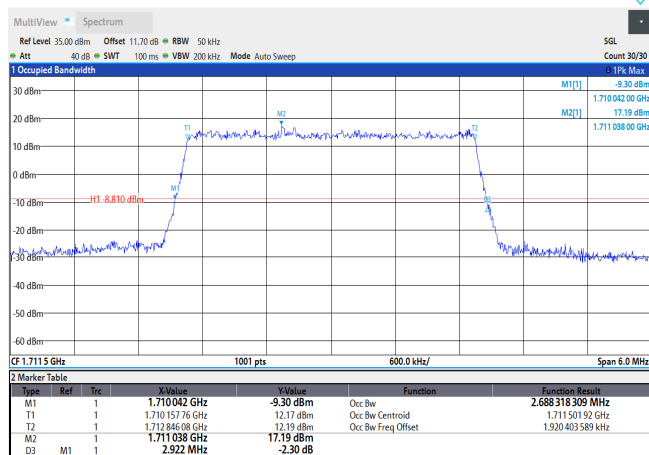
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Band4-1.4MHz-64QAM-20393-6RB#0



23:01:43 13.09.2023

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



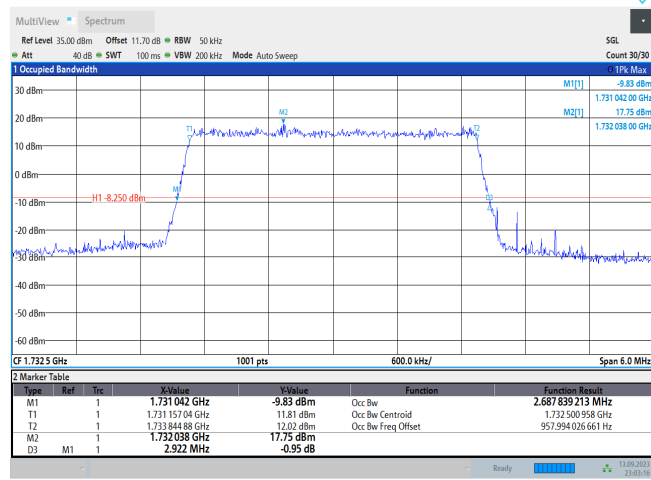
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Band4-3MHz-QPSK-20175-15RB#0



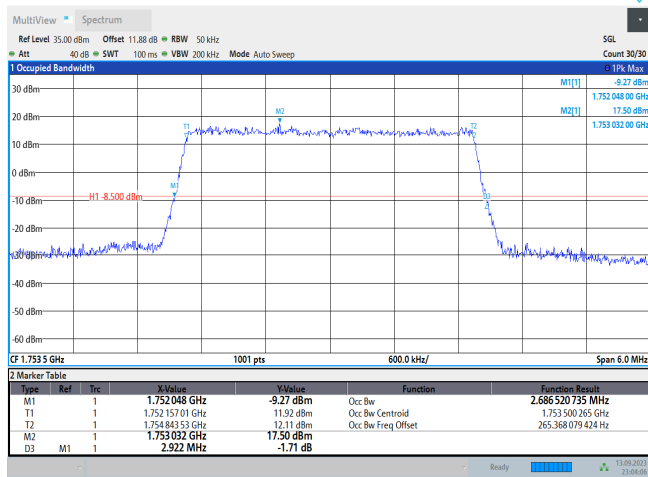
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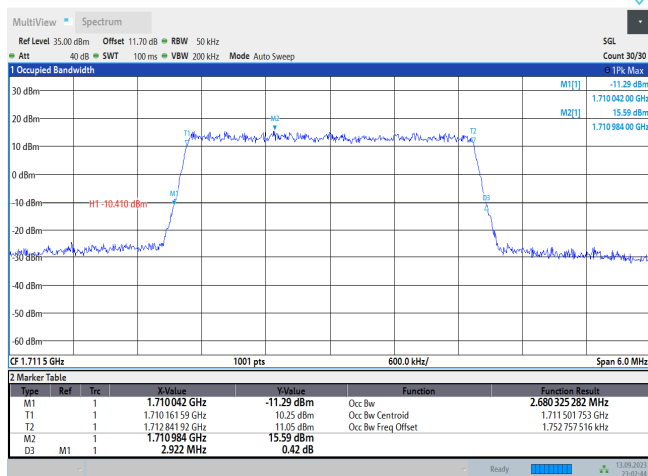
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Band4-3MHz-QPSK-20385-15RB#0



23:04:06 13.09.2023

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



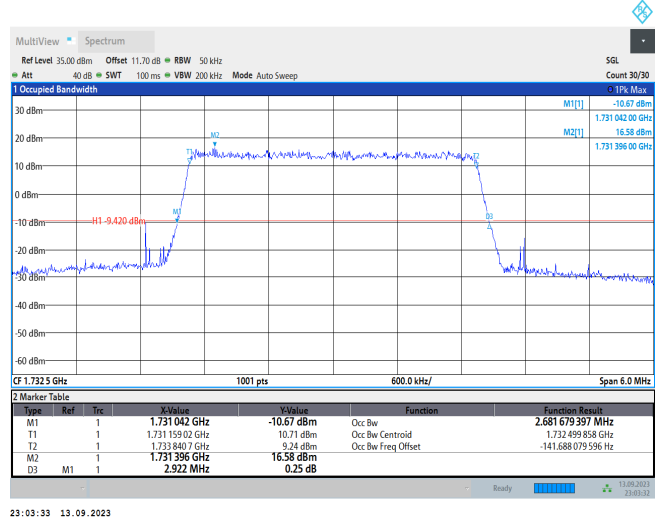
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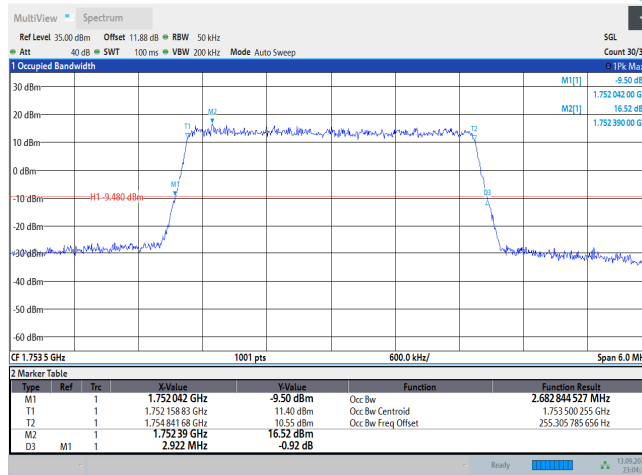
Band4-3MHz-16QAM-20175-15RB#0



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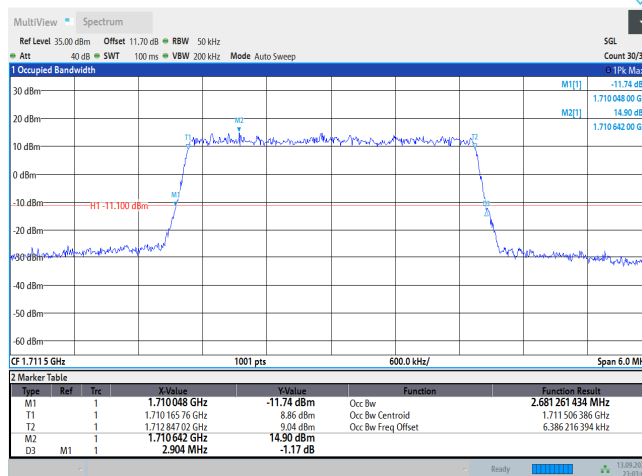
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Band4-3MHz-16QAM-20385-15RB#0



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



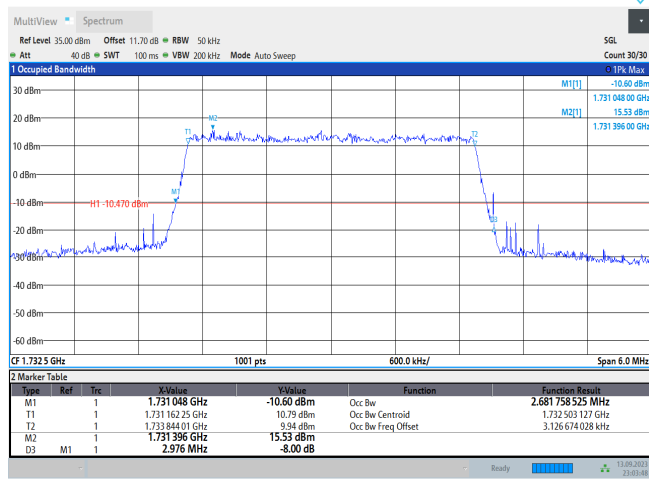
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Band4-3MHz-64QAM-20175-15RB#0

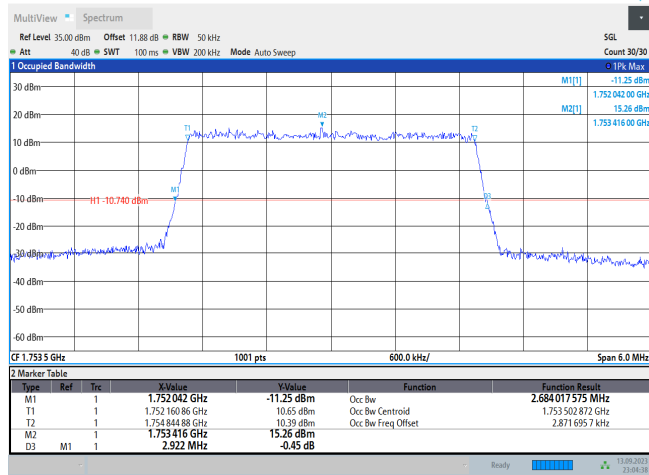


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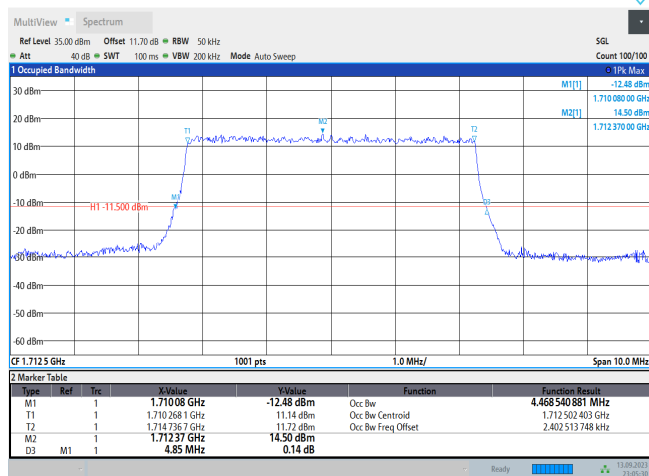
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Band4-3MHz-64QAM-20385-15RB#0



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



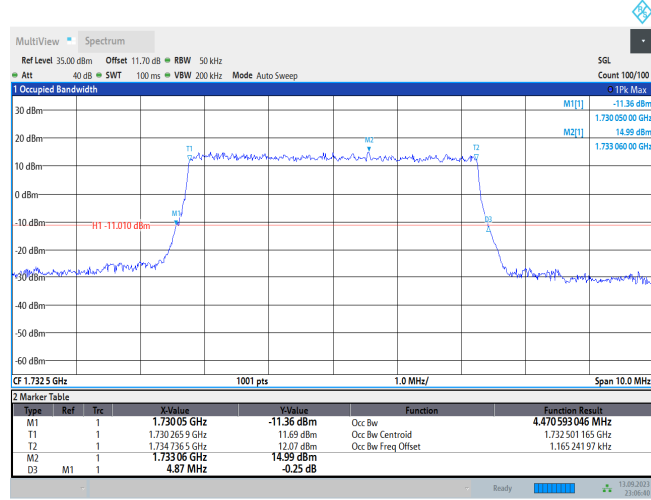
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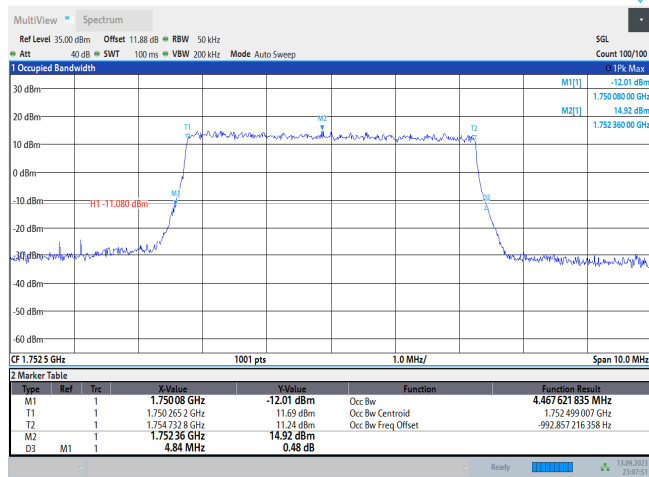
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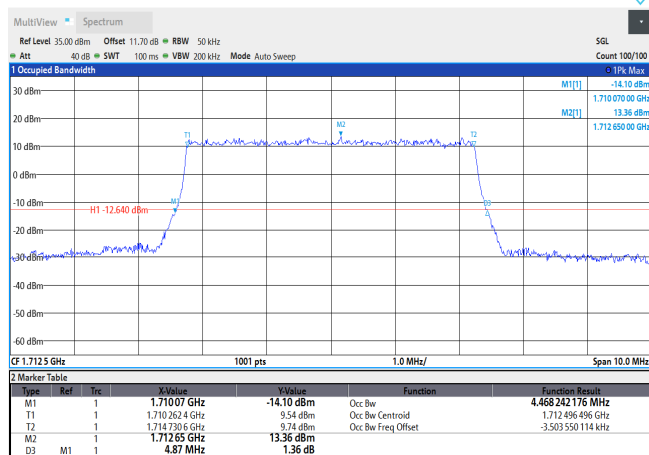
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Band4-5MHz-QPSK-20375-25RB#0



23:07:51 13.09.2023

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



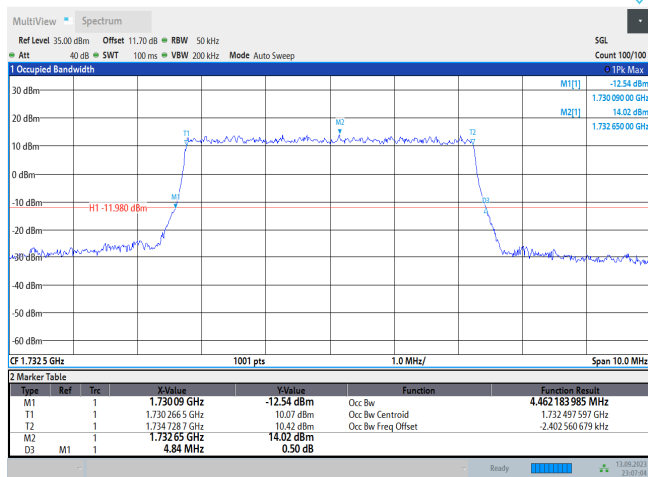
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Band4-5MHz-16QAM-20175-25RB#0



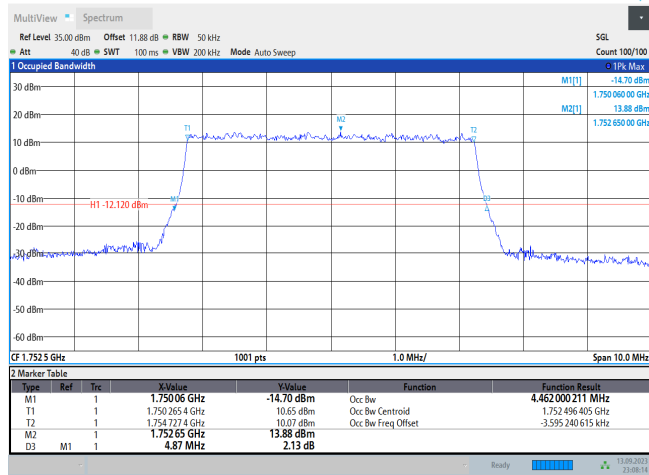
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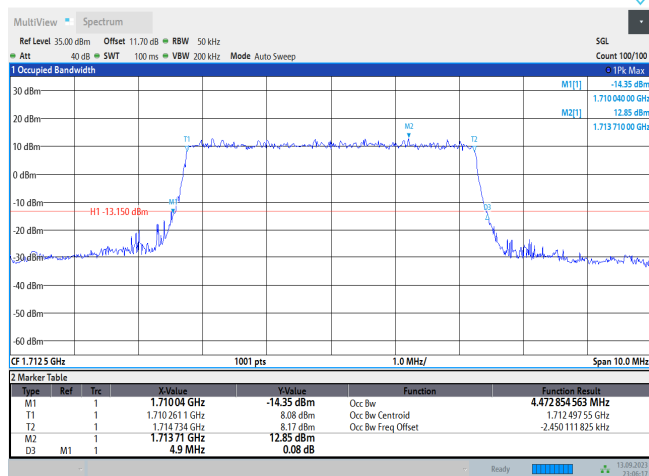
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Band4-5MHz-16QAM-20375-25RB#0



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

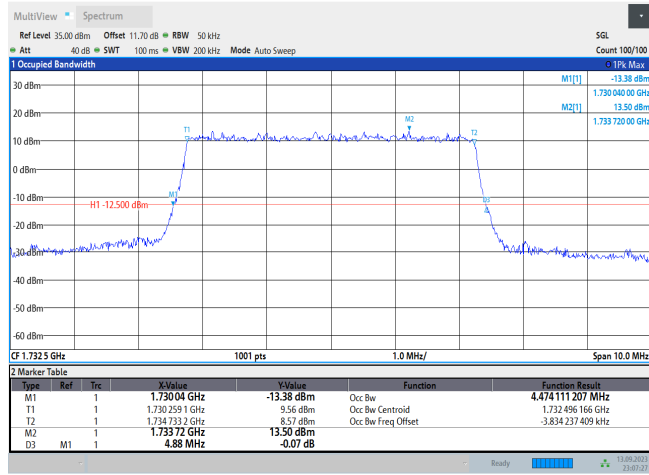


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Band4-5MHz-64QAM-20175-25RB#0



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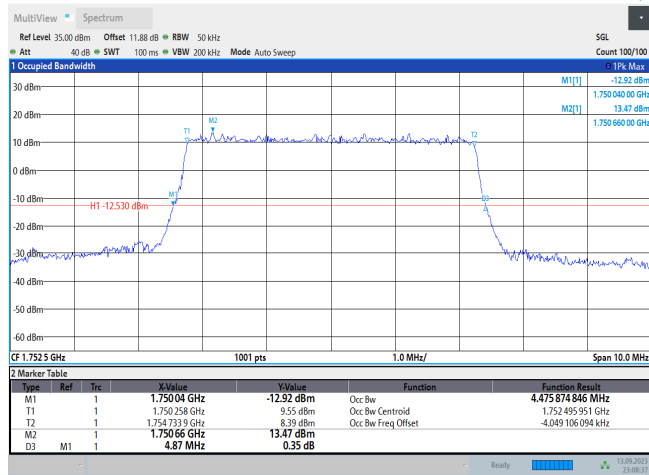


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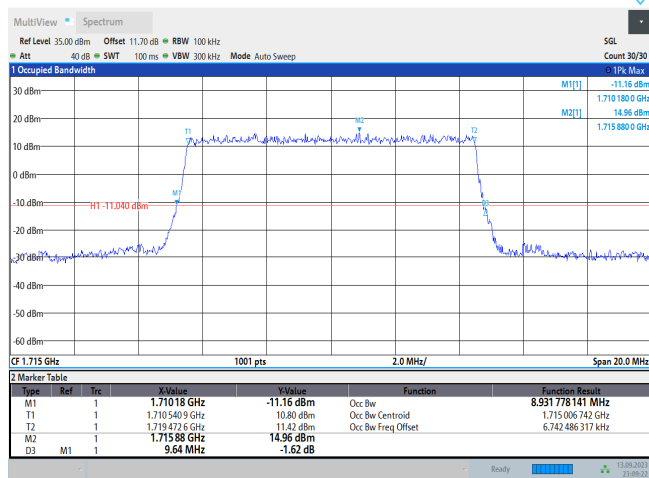
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Band4-5MHz-64QAM-20375-25RB#0



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



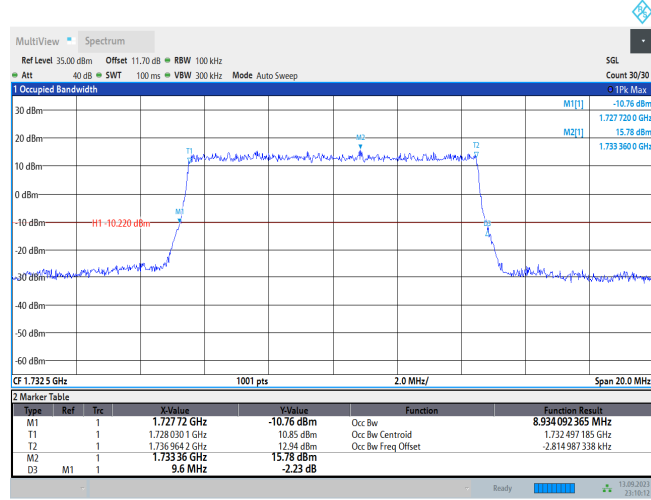
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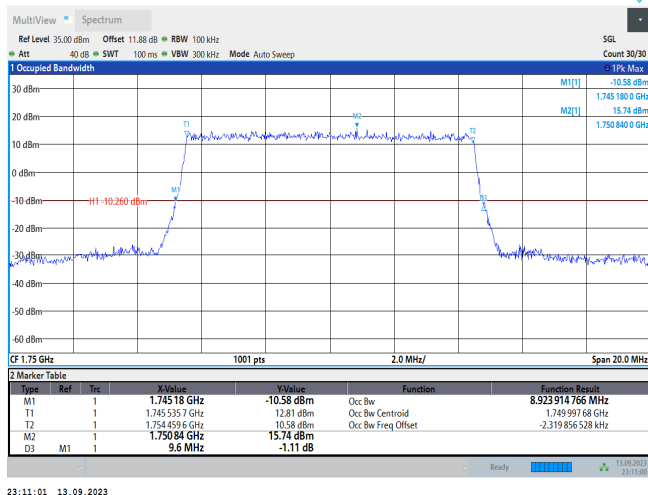
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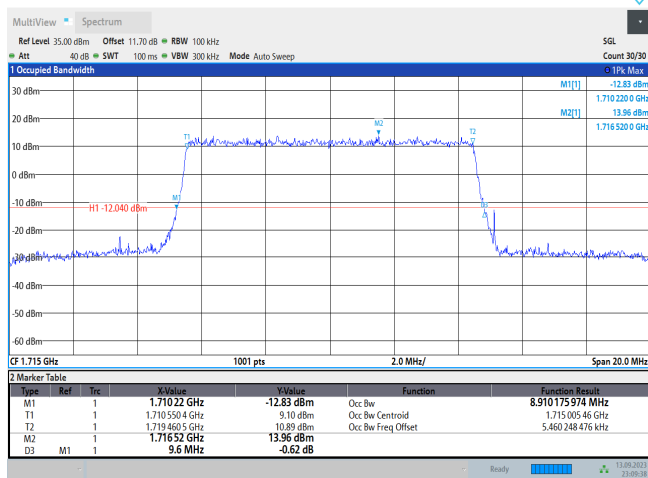


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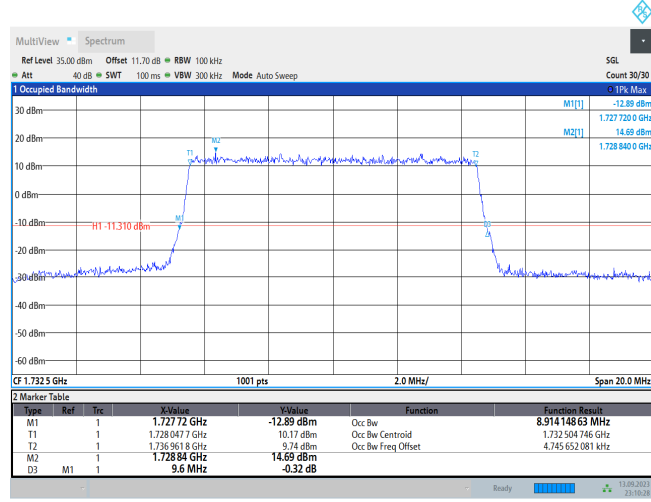
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Band4-10MHz-16QAM-20175-50RB#0



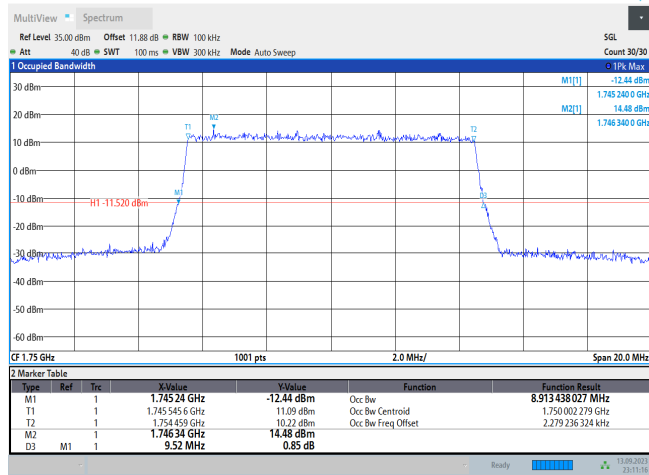
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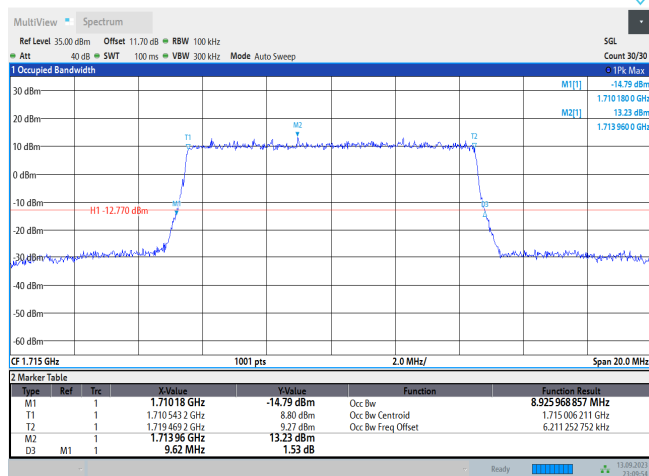
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Band4-10MHz-16QAM-20350-50RB#0



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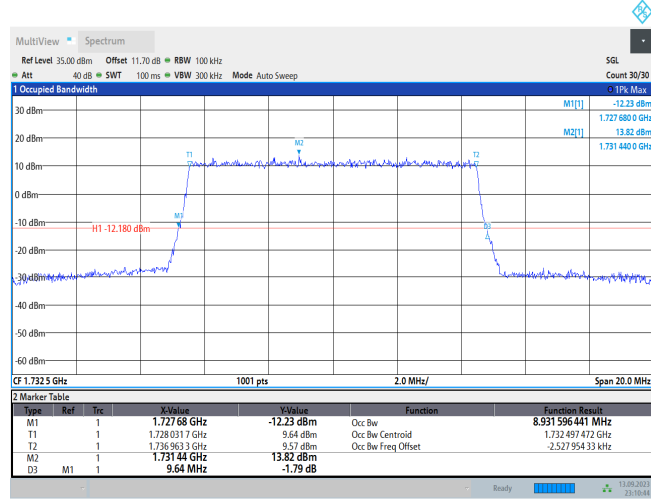
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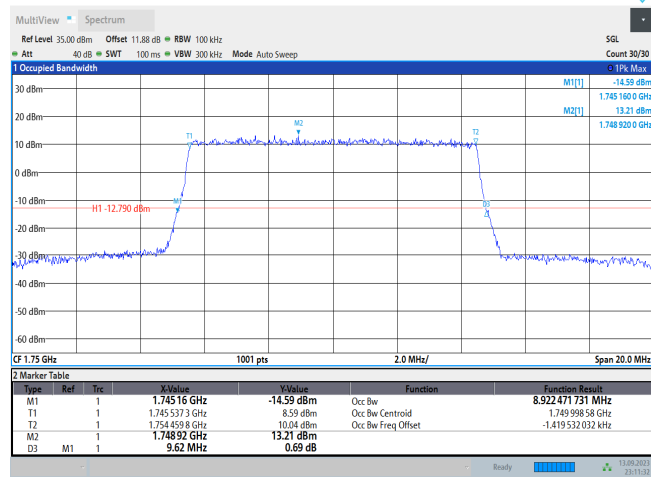


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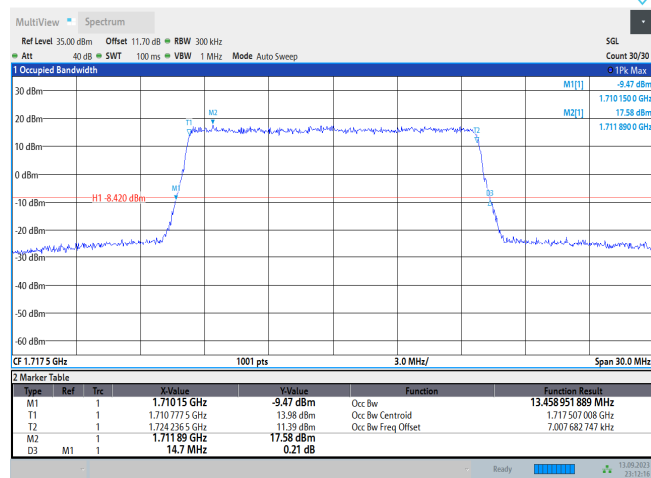
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Band4-15MHz-QPSK-20025-75RB#0



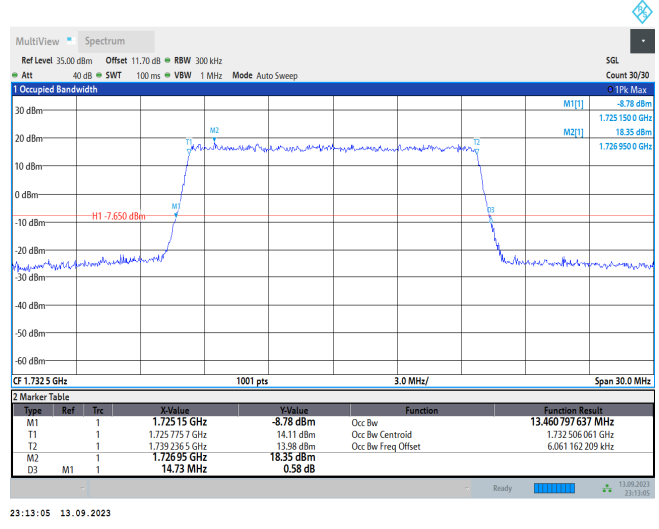
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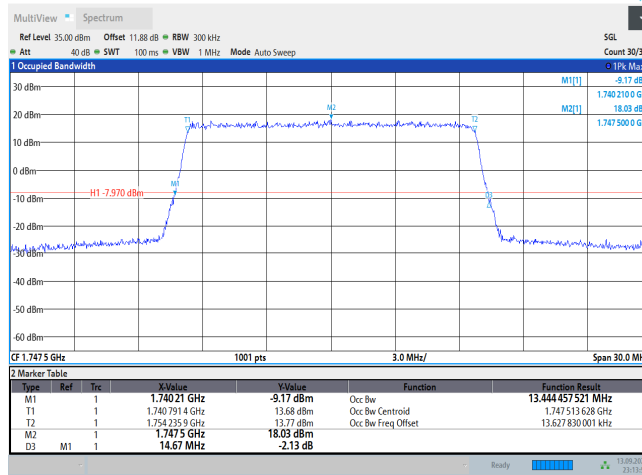
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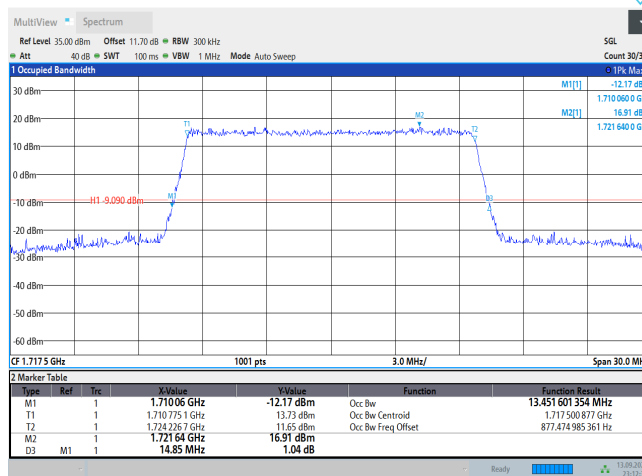
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Band4-15MHz-QPSK-20325-75RB#0



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



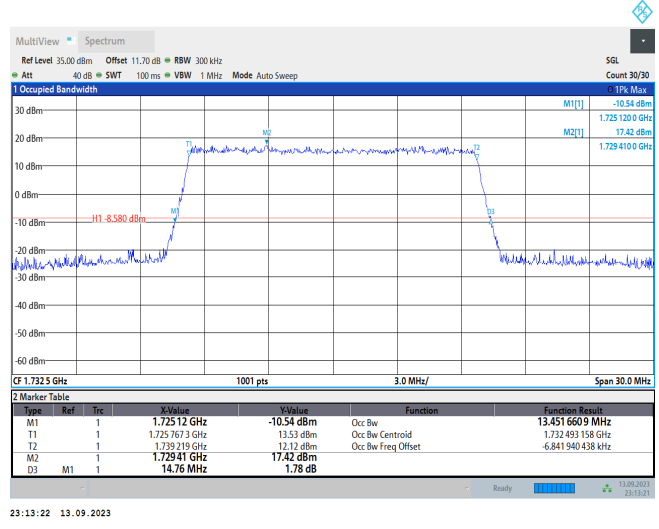
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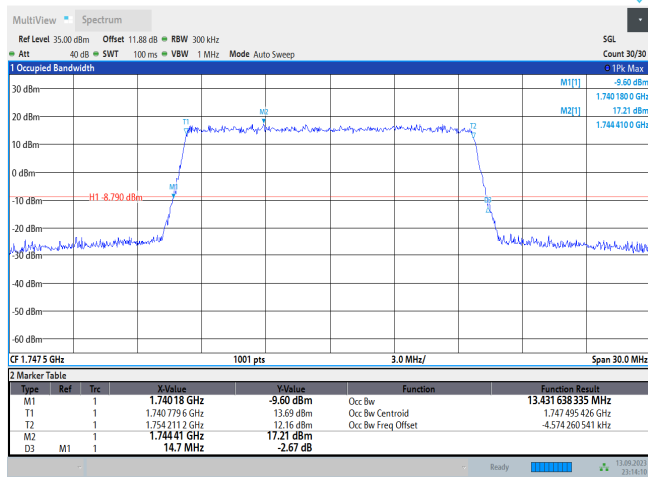
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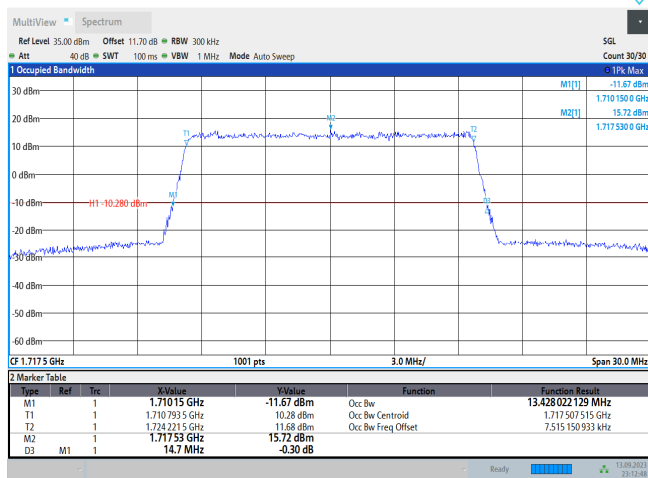
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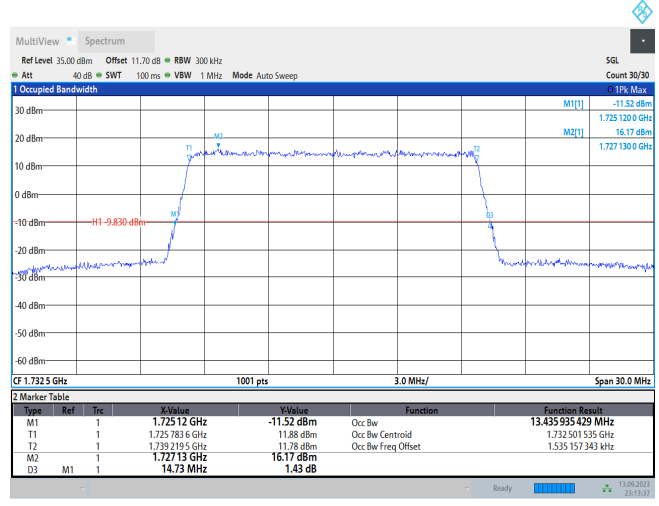
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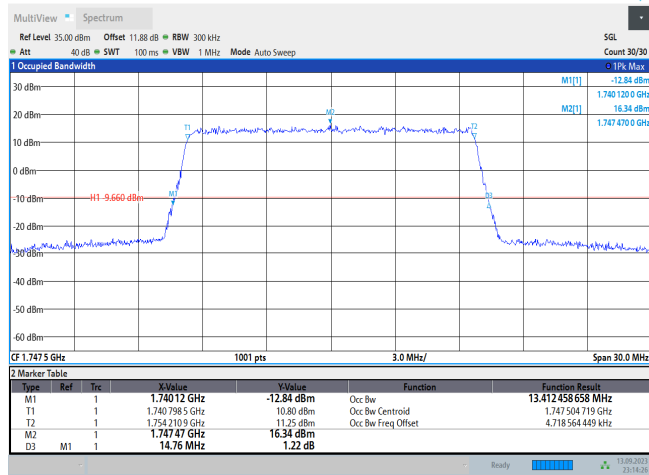
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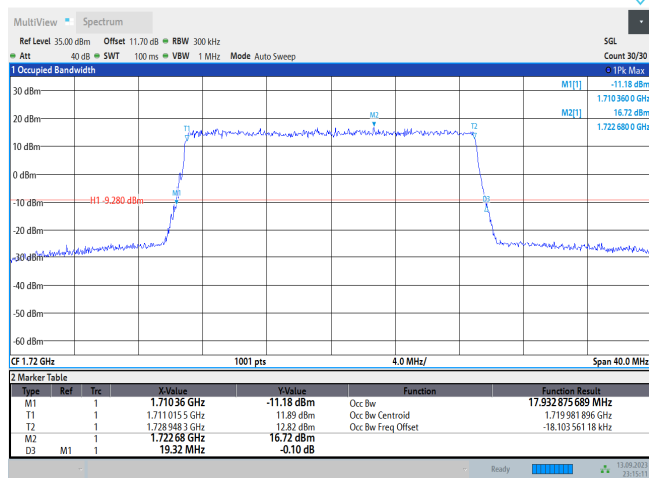
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Band4-15MHz-64QAM-20325-75RB#0



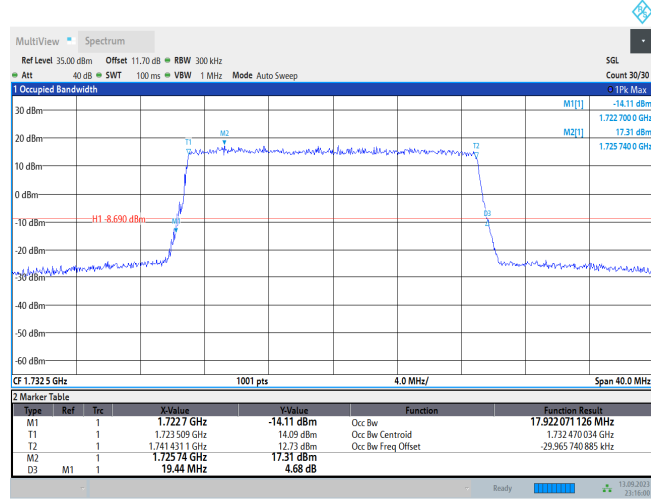
Band4-20MHz-QPSK-20050-100RB#0



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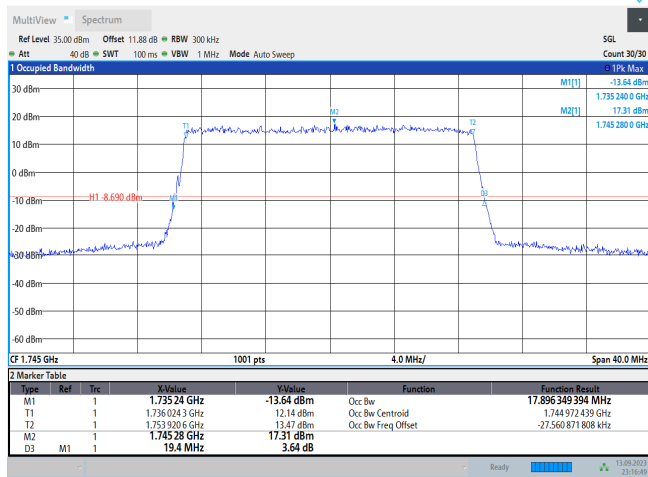
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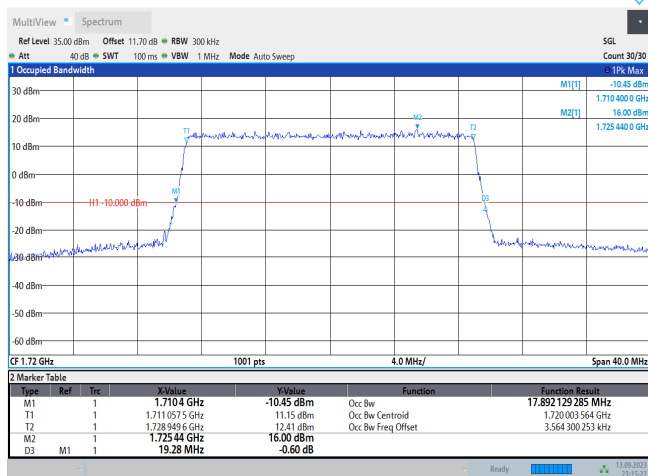


Band4-20MHz-QPSK-20300-100RB#0



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



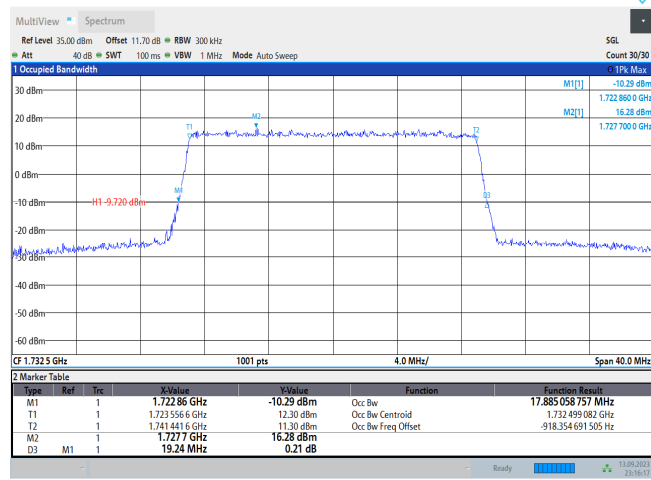
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Band4-20MHz-16QAM-20175-100RB#0



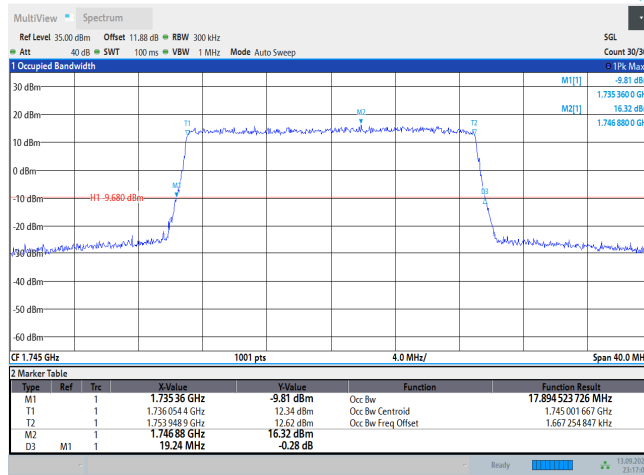
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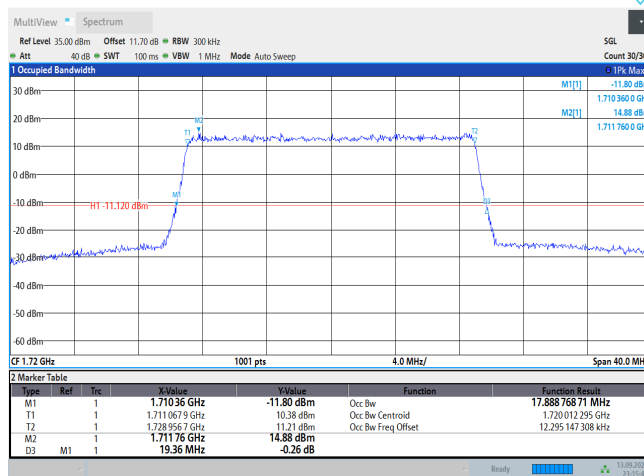
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Band4-20MHz-16QAM-20300-100RB#0



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



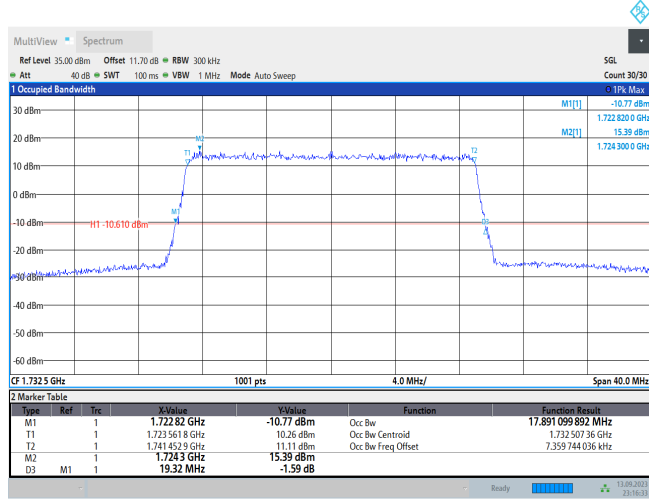
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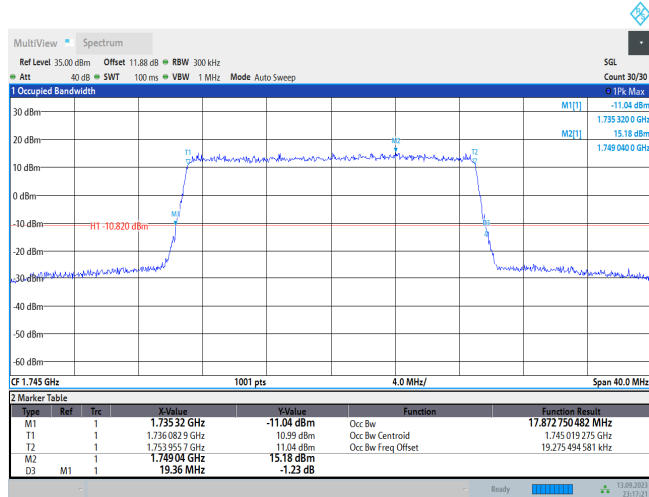
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Band4-20MHz-64QAM-20175-100RB#0



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



23:17:22 13.09.2023



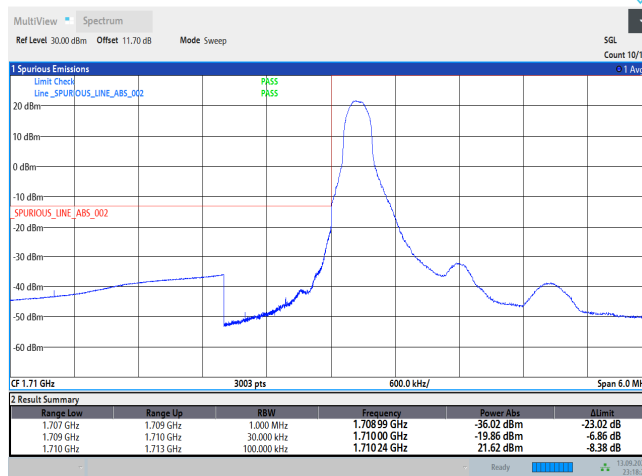
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Band Edge

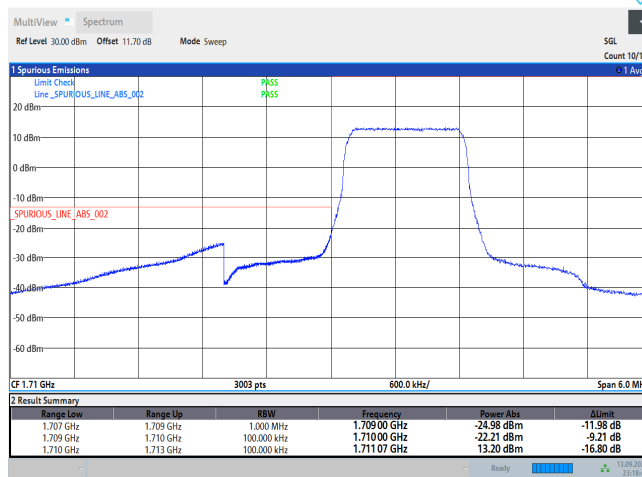
Test Graphs

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



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



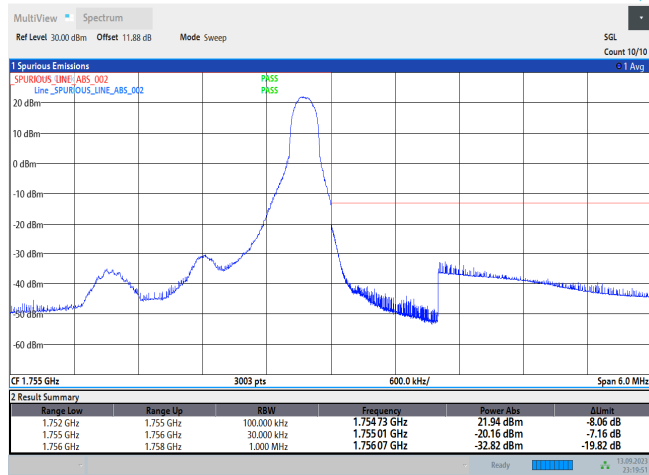
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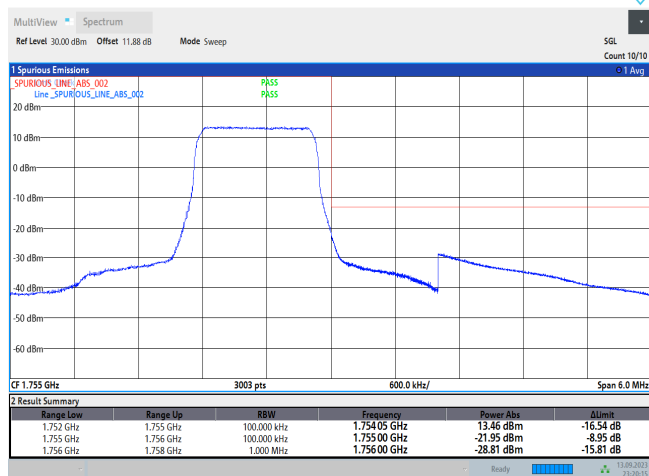
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Band4-1.4MHz-QPSK-20393-1RB#5



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



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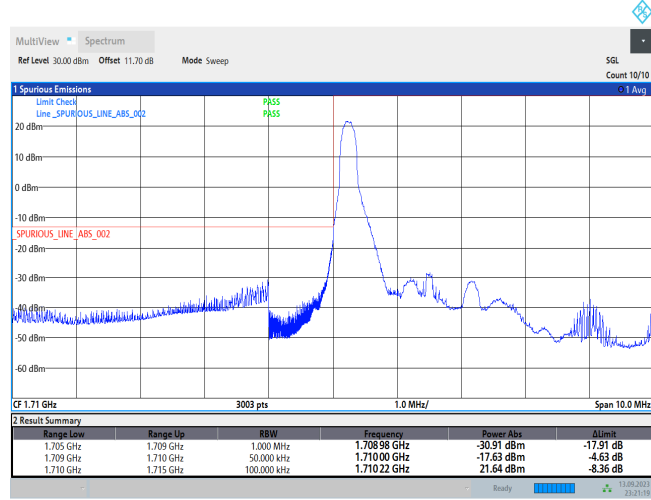


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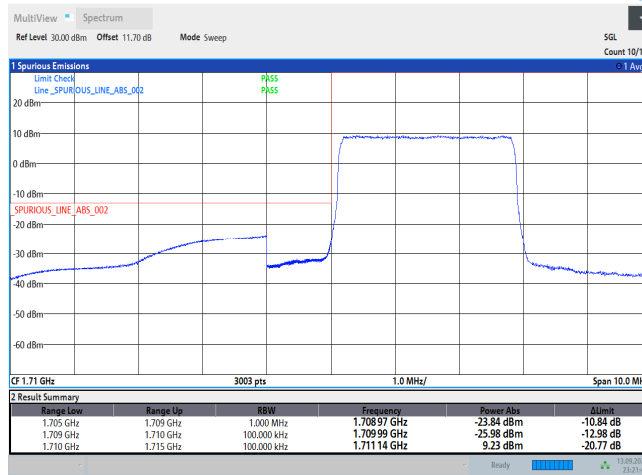
Band4-3MHz-QPSK-19965-1RB#0



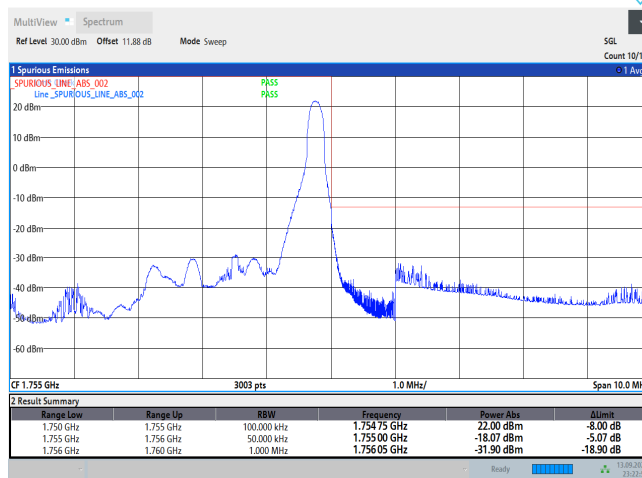
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Band4-3MHz-QPSK-19965-15RB#0



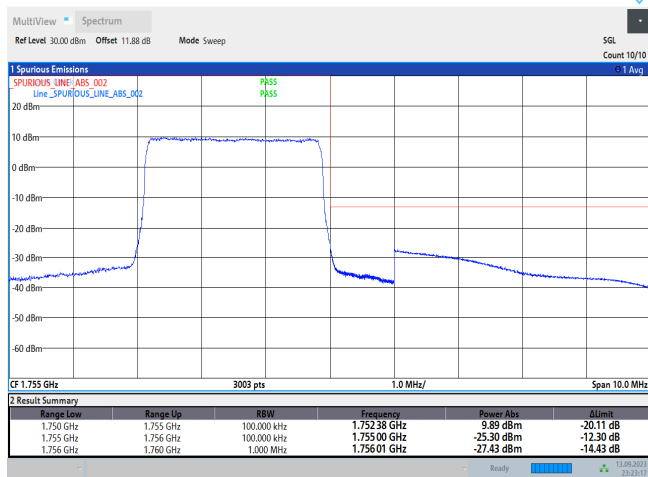
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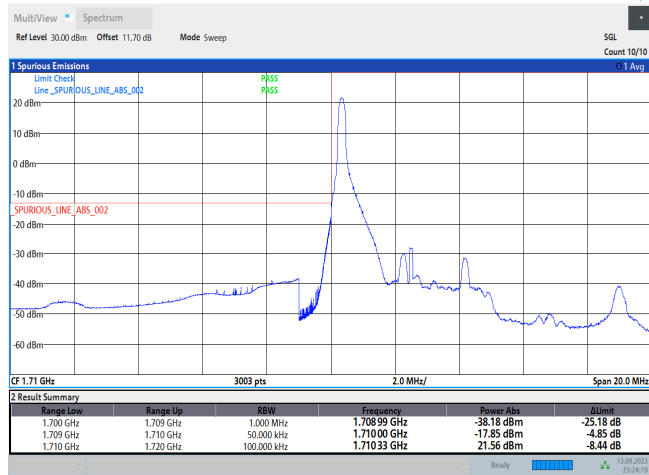
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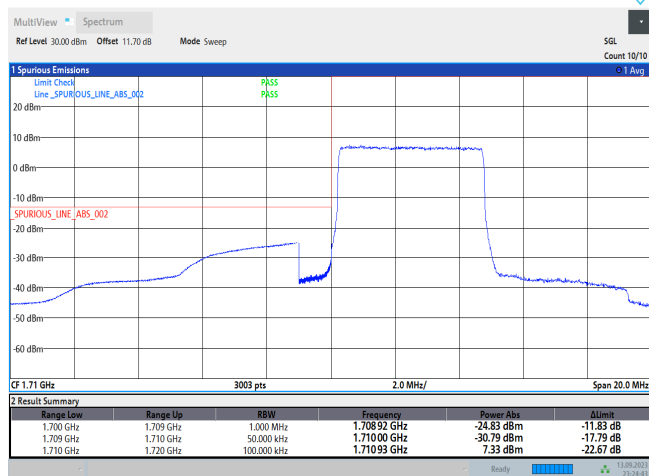


Band4-5MHz-QPSK-19975-1RB#0



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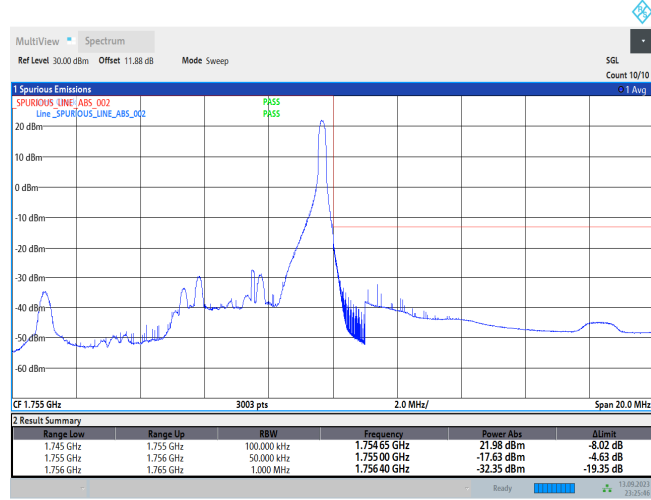
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Band4-5MHz-QPSK-20375-1RB#24



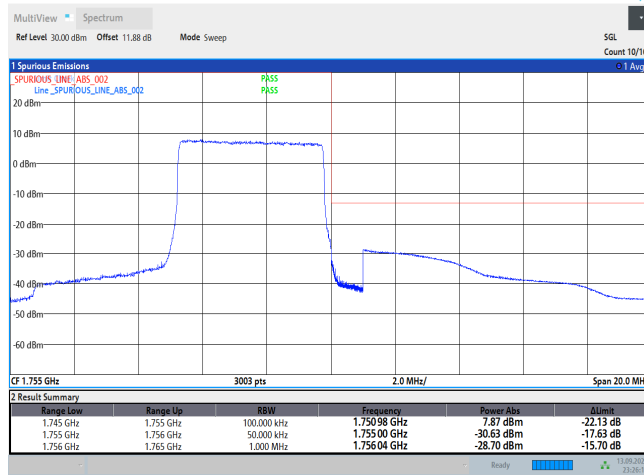
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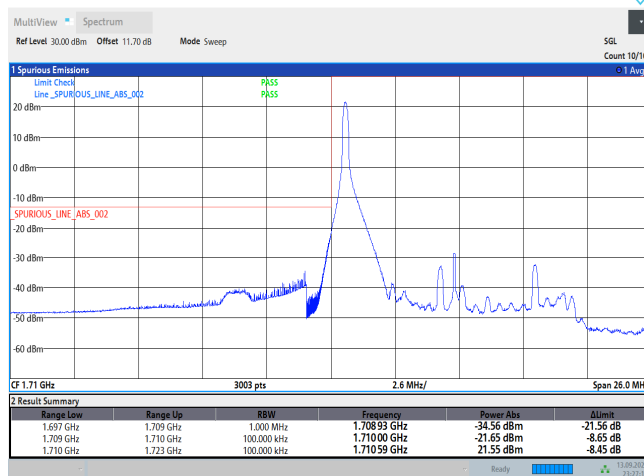
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Band4-5MHz-QPSK-20375-25RB#0



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



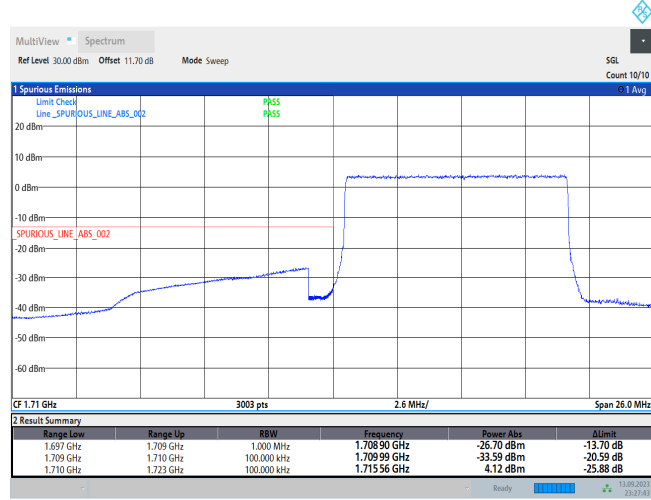
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Band4-10MHz-QPSK-20000-50RB#0



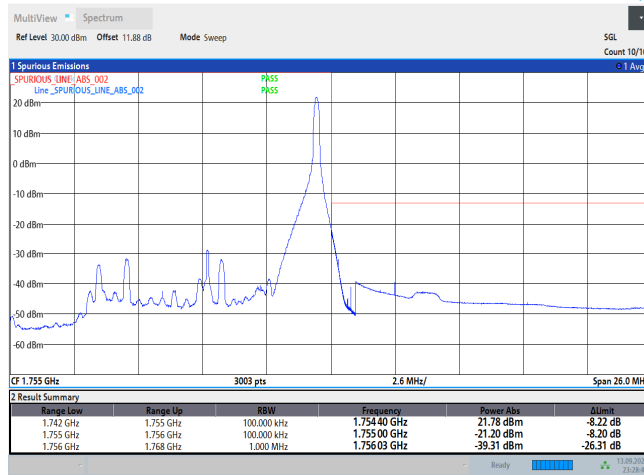
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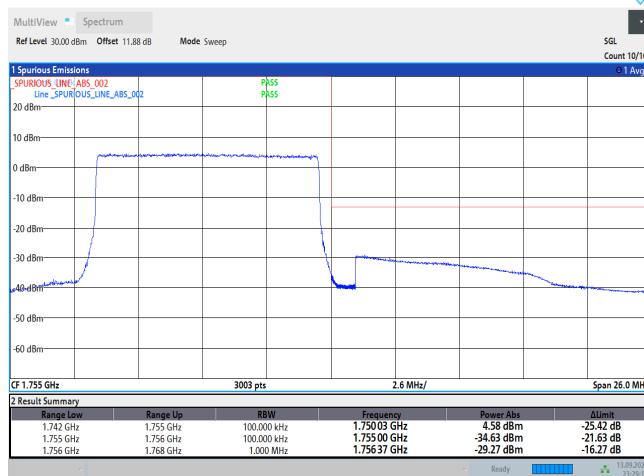
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Band4-10MHz-QPSK-20350-1RB#49



23:28:46 13.09.2023

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



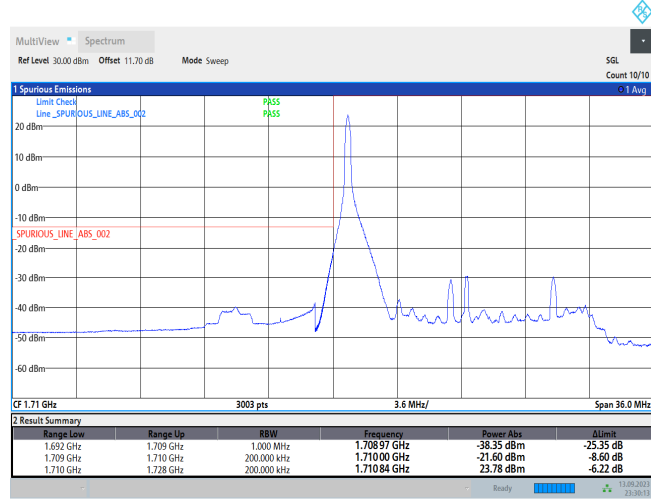
23:29:10 13.09.2023



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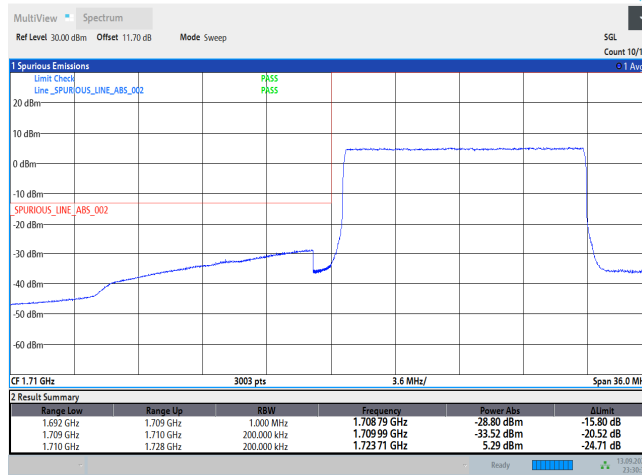
Band4- 15MHz-QPSK-20025-1RB#0



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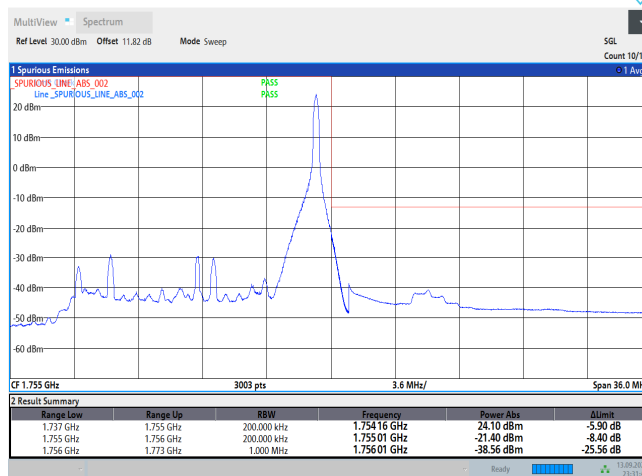
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Band4-15MHz-QPSK-20025-75RB#0



23:30:37 13.09.2023

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



23:31:40 13.09.2023



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



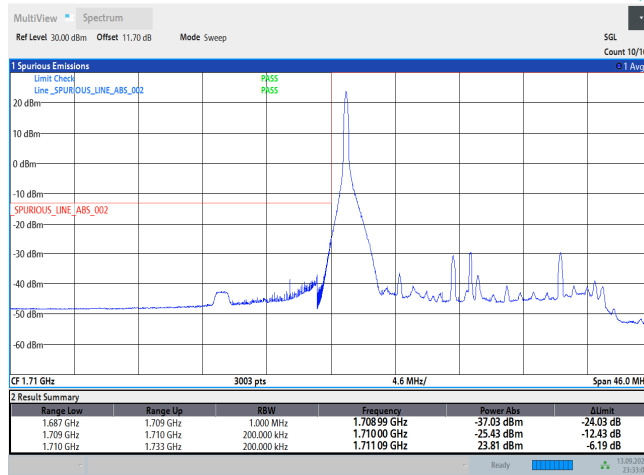
23:32:04 13.09.2023



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



23:33:07 13.09.2023

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



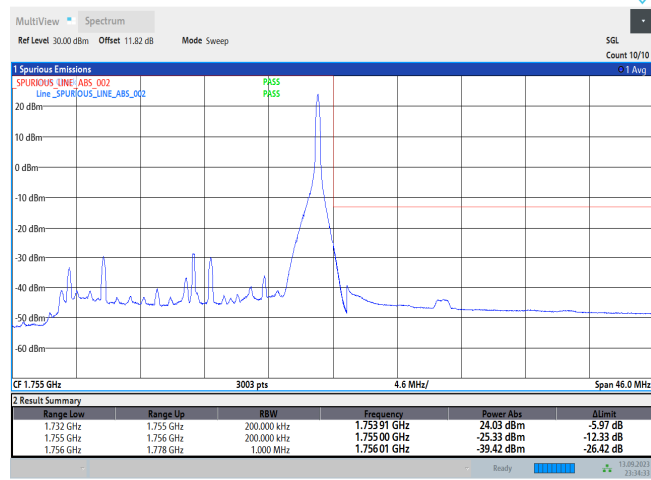
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Band4-20MHz-QPSK-20300-1RB#99



23:34:34 13.09.2023



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



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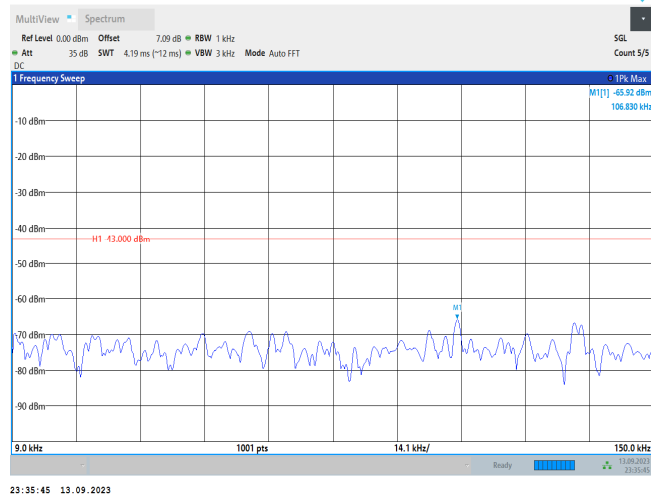
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Conducted Spurious Emission

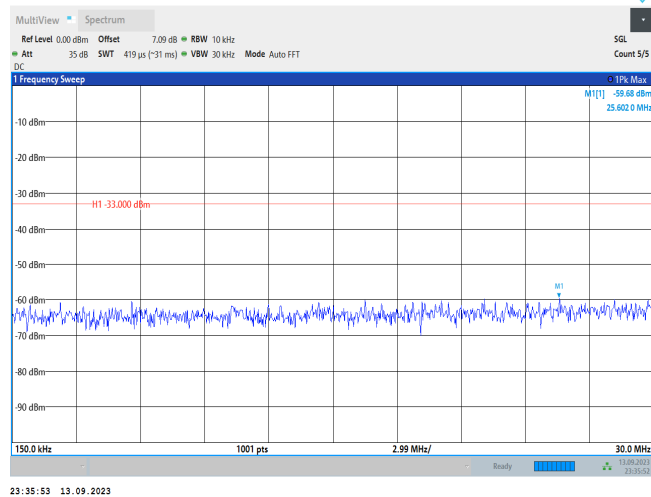
Test Graphs

Band4-20MHz-QPSK-20050-1RB#0-Range1:0.009~0.15MHz



23:35:45 13.09.2023

Band4-20MHz-QPSK-20050-1RB#0-Range2:0.15~30MHz



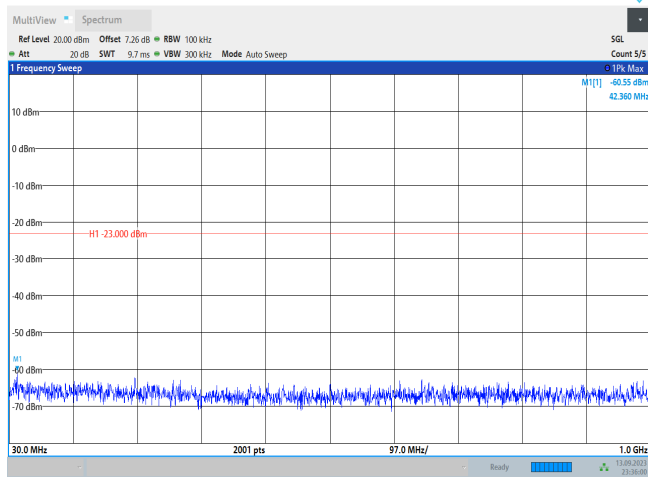
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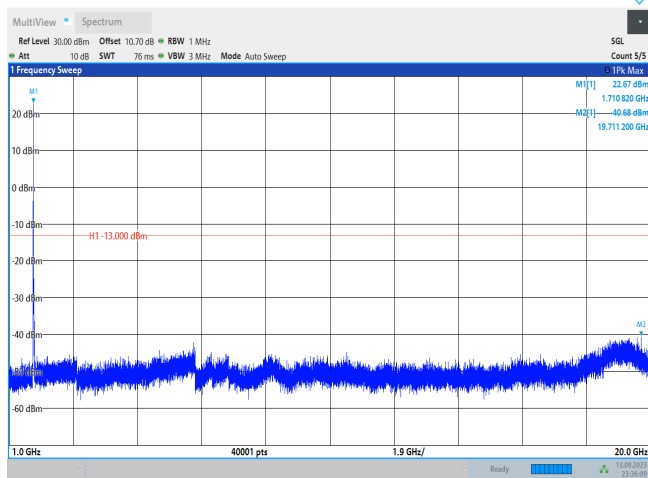
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Band4-20MHz-QPSK-20050-1RB#0-Range3:30~1000MHz



23:36:01 13.09.2023

Band4-20MHz-QPSK-20050-1RB#0-Range4:1000~20000MHz



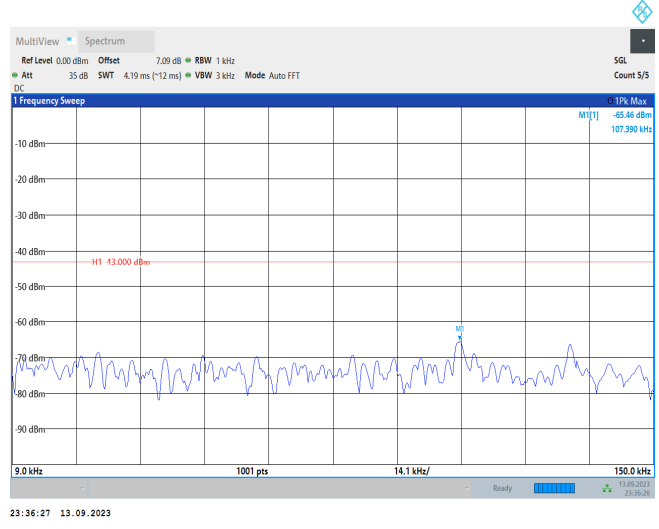
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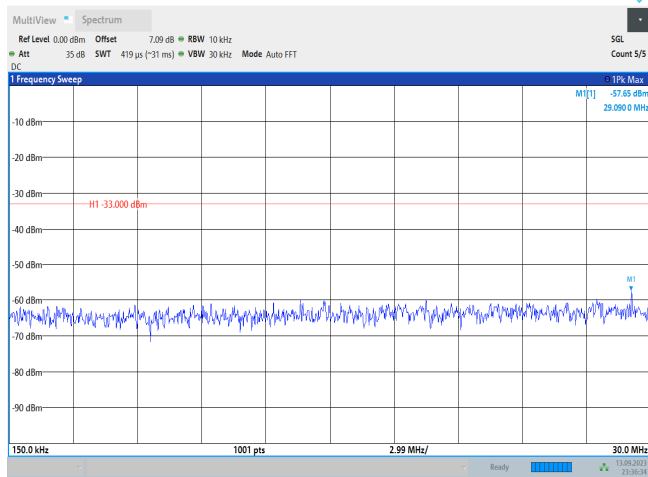
Band4-20MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz



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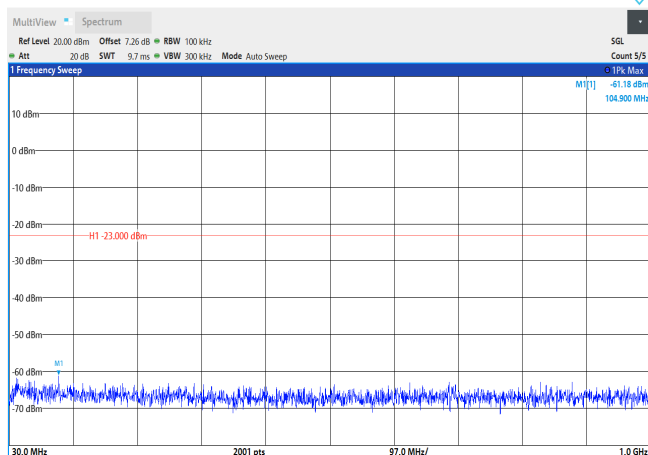
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Band4-20MHz-QPSK-20175-1RB#0-Range2:0.15~30MHz



23:36:35 13.09.2023

Band4-20MHz-QPSK-20175-1RB#0-Range3:30~1000MHz



23:36:43 13.09.2023



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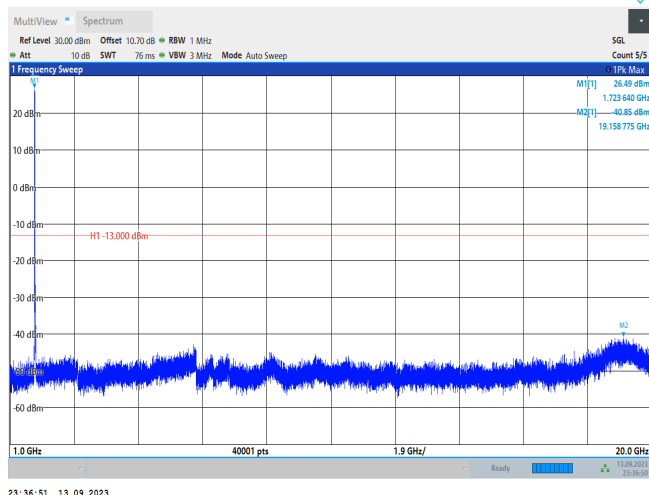
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Report No.: XEWM2309000451RG01

Rev.: 01

Page: 72 of 85

Band4-20MHz-QPSK-20175-1RB#0-Range4:1000~20000MHz

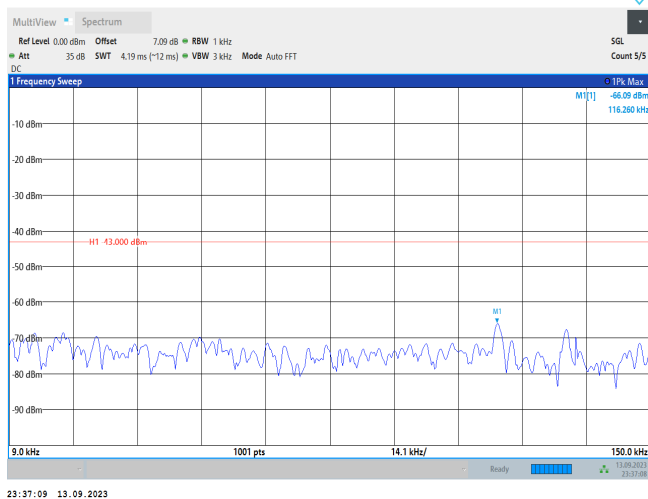


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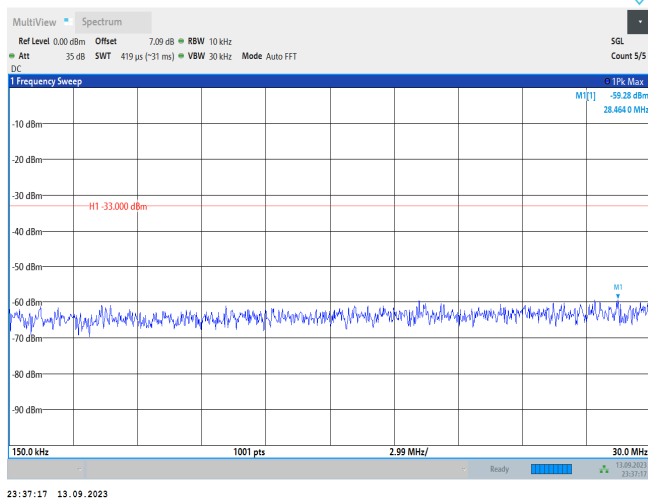
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Band4-20MHz-QPSK-20300-1RB#0-Range1:0.009~0.15MHz



Band4-20MHz-QPSK-20300-1RB#0-Range2:0.15~30MHz



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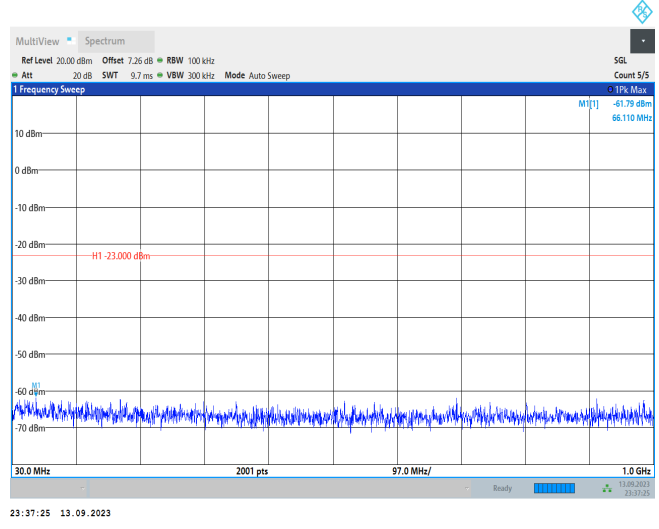
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Band4-20MHz-QPSK-20300-1RB#0-Range3:30~1000MHz



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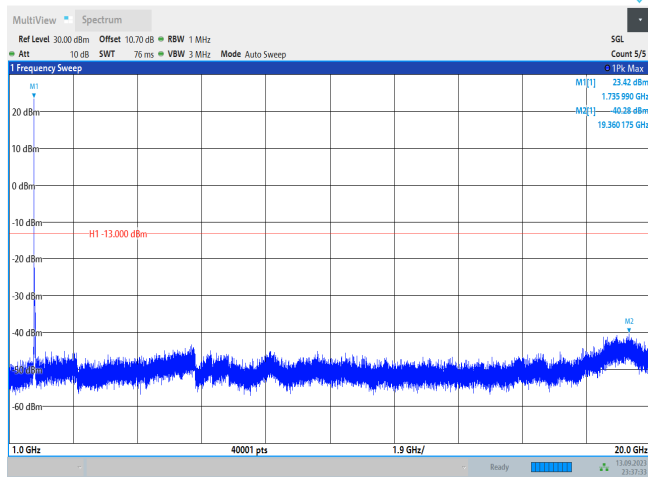
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Band4-20MHz-QPSK-20300-1RB#0-Range4: 1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = LTE_4 ANT 3

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3932	47.55	-44.19	29.83	-62.07	-13.00	49.07	Horizontal
2	5812.5	46.02	-41.39	32.45	-58.18	-13.00	45.18	Horizontal
3	7497.5	44.01	-38.29	36.90	-52.64	-13.00	39.64	Horizontal
4	9909	42.39	-35.20	38.61	-49.46	-13.00	36.46	Horizontal
5	13571.5	43.05	-37.88	40.04	-50.05	-13.00	37.05	Horizontal
6	17984.5	42.02	-43.16	47.92	-48.48	-13.00	35.48	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3926	47.16	-44.19	29.80	-62.49	-13.00	49.49	Vertical
2	5948.5	46.04	-41.18	32.90	-57.50	-13.00	44.50	Vertical
3	7912	43.47	-37.45	36.48	-52.76	-13.00	39.76	Vertical
4	9901.5	42.27	-35.00	38.60	-49.39	-13.00	36.39	Vertical
5	13425.5	44.16	-38.60	39.68	-50.02	-13.00	37.02	Vertical
6	16356	42.45	-35.06	38.67	-49.20	-13.00	36.20	Vertical



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Test Band = LTE_4 ANT 3

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3941	47.17	-44.19	29.86	-62.42	-13.00	49.42	Horizontal
2	5509	45.30	-41.81	32.36	-59.41	-13.00	46.41	Horizontal
3	7404	44.78	-38.28	36.71	-52.05	-13.00	39.05	Horizontal
4	9901.5	41.99	-35.00	38.60	-49.67	-13.00	36.67	Horizontal
5	13557.5	42.68	-37.90	40.02	-50.46	-13.00	37.46	Horizontal
6	16387	42.14	-34.89	38.76	-49.25	-13.00	36.25	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3984	47.16	-44.17	29.83	-62.44	-13.00	49.44	Vertical
2	4698	46.38	-42.93	30.58	-61.23	-13.00	48.23	Vertical
3	7183	43.79	-38.76	36.53	-53.70	-13.00	40.70	Vertical
4	9911.5	42.41	-35.26	38.61	-49.50	-13.00	36.50	Vertical
5	11126	42.65	-38.02	40.20	-50.43	-13.00	37.43	Vertical
6	17994.5	40.89	-43.08	48.10	-49.35	-13.00	36.35	Vertical



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Test Band = LTE_4 ANT 3

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3955.5	47.50	-44.18	29.89	-62.05	-13.00	49.05	Horizontal
2	5517.5	45.44	-41.78	32.33	-59.27	-13.00	46.27	Horizontal
3	7427.5	43.94	-38.28	36.76	-52.84	-13.00	39.84	Horizontal
4	9885.5	42.12	-35.07	38.48	-49.73	-13.00	36.73	Horizontal
5	13568	43.03	-37.89	40.04	-50.08	-13.00	37.08	Horizontal
6	17994.5	41.27	-43.08	48.10	-48.97	-13.00	35.97	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3936.5	47.04	-44.19	29.85	-62.56	-13.00	49.56	Vertical
2	5681	45.89	-41.20	32.50	-58.07	-13.00	45.07	Vertical
3	7413	44.33	-38.28	36.73	-52.48	-13.00	39.48	Vertical
4	9888.5	42.38	-35.05	38.51	-49.42	-13.00	36.42	Vertical
5	10968.5	43.04	-37.12	40.13	-49.21	-13.00	36.21	Vertical
6	17986	41.14	-43.15	47.95	-49.32	-13.00	36.32	Vertical



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Test Band = LTE_4 ANT 4

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2996.5	37.23	-17.43	28.58	-46.88	-13.00	33.88	Horizontal
2	4382.5	46.57	-43.40	30.03	-62.06	-13.00	49.06	Horizontal
3	7517.5	44.27	-38.38	36.73	-52.64	-13.00	39.64	Horizontal
4	9888.5	41.82	-35.05	38.51	-49.98	-13.00	36.98	Horizontal
5	13645.5	42.07	-37.92	40.15	-50.96	-13.00	37.96	Horizontal
6	16345	41.86	-35.12	38.64	-49.88	-13.00	36.88	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2993.5	37.37	-17.43	28.56	-46.76	-13.00	33.76	Vertical
2	4246	46.31	-43.49	29.78	-62.66	-13.00	49.66	Vertical
3	7487.5	44.23	-38.29	36.88	-52.44	-13.00	39.44	Vertical
4	9890	41.72	-35.04	38.52	-50.06	-13.00	37.06	Vertical
5	13560.5	42.10	-37.90	40.02	-51.04	-13.00	38.04	Vertical
6	16397.5	41.56	-34.83	38.79	-49.74	-13.00	36.74	Vertical



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Test Band = LTE_4 ANT 4

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2994.5	37.51	-17.43	28.57	-46.61	-13.00	33.61	Horizontal
2	3927	46.78	-44.19	29.81	-62.86	-13.00	49.86	Horizontal
3	6047.5	45.02	-40.91	33.48	-57.67	-13.00	44.67	Horizontal
4	7407.5	43.82	-38.28	36.72	-53.00	-13.00	40.00	Horizontal
5	11106	42.70	-37.69	40.20	-50.05	-13.00	37.05	Horizontal
6	17991.5	40.03	-43.11	48.05	-50.29	-13.00	37.29	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2992.5	37.54	-17.43	28.56	-46.59	-13.00	33.59	Vertical
2	3990	47.00	-44.17	29.82	-62.61	-13.00	49.61	Vertical
3	6028	45.00	-41.05	33.28	-58.03	-13.00	45.03	Vertical
4	9892.5	41.28	-35.02	38.54	-50.46	-13.00	37.46	Vertical
5	13564.5	42.38	-37.89	40.03	-50.74	-13.00	37.74	Vertical
6	16363.5	41.23	-35.02	38.69	-50.36	-13.00	37.36	Vertical



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Test Band = LTE_4 ANT 4

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2999.5	37.36	-17.44	28.60	-46.74	-13.00	33.74	Horizontal
2	3811.5	47.60	-44.85	29.78	-62.73	-13.00	49.73	Horizontal
3	5668.5	45.50	-41.23	32.50	-58.49	-13.00	45.49	Horizontal
4	7430.5	43.77	-38.28	36.76	-53.01	-13.00	40.01	Horizontal
5	11095	42.53	-37.56	40.20	-50.09	-13.00	37.09	Horizontal
6	16361	41.20	-35.03	38.68	-50.41	-13.00	37.41	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2978	37.24	-17.26	28.47	-46.81	-13.00	33.81	Vertical
2	4011.5	46.72	-44.18	29.75	-62.97	-13.00	49.97	Vertical
3	6038.5	45.09	-40.98	33.39	-57.76	-13.00	44.76	Vertical
4	9885	41.61	-35.08	38.48	-50.25	-13.00	37.25	Vertical
5	13639	41.88	-37.91	40.14	-51.15	-13.00	38.15	Vertical
6	17990	39.77	-43.12	48.02	-50.59	-13.00	37.59	Vertical



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Test Band = LTE_4 ANT 5

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3675.5	47.06	-44.47	29.30	-63.37	-13.00	50.37	Horizontal
2	4920	45.37	-42.85	30.94	-61.80	-13.00	48.80	Horizontal
3	6229.5	44.87	-40.79	33.32	-57.86	-13.00	44.86	Horizontal
4	8405.5	42.30	-36.96	36.49	-53.43	-13.00	40.43	Horizontal
5	11098	41.64	-37.58	40.20	-51.00	-13.00	38.00	Horizontal
6	17991.5	39.31	-43.11	48.05	-51.01	-13.00	38.01	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3717.5	47.07	-44.58	29.41	-63.36	-13.00	50.36	Vertical
2	5161	45.21	-42.54	31.82	-60.77	-13.00	47.77	Vertical
3	7409	43.09	-38.28	36.72	-53.73	-13.00	40.73	Vertical
4	9885	40.90	-35.08	38.48	-50.96	-13.00	37.96	Vertical
5	13563.5	41.79	-37.89	40.03	-51.33	-13.00	38.33	Vertical
6	16485.5	40.44	-35.50	39.23	-51.09	-13.00	38.09	Vertical



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Test Band = LTE_4 ANT 5

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3692.5	47.46	-44.50	29.30	-63.00	-13.00	50.00	Horizontal
2	5189	44.84	-42.55	31.88	-61.09	-13.00	48.09	Horizontal
3	7413.5	43.13	-38.28	36.73	-53.68	-13.00	40.68	Horizontal
4	9888	40.88	-35.05	38.50	-50.93	-13.00	37.93	Horizontal
5	13640	41.48	-37.91	40.14	-51.55	-13.00	38.55	Horizontal
6	17999.5	39.00	-43.04	48.19	-51.11	-13.00	38.11	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3932	46.41	-44.19	29.83	-63.21	-13.00	50.21	Vertical
2	5685	44.89	-41.19	32.50	-59.06	-13.00	46.06	Vertical
3	7430	43.39	-38.28	36.76	-53.39	-13.00	40.39	Vertical
4	11034.5	41.60	-37.19	40.13	-50.72	-13.00	37.72	Vertical
5	13558.5	41.89	-37.90	40.02	-51.25	-13.00	38.25	Vertical
6	17995.5	39.45	-43.08	48.12	-50.77	-13.00	37.77	Vertical



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Test Band = LTE_4 ANT 5

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3703	47.05	-44.52	29.32	-63.41	-13.00	50.41	Horizontal
2	4681	45.99	-42.97	30.45	-61.79	-13.00	48.79	Horizontal
3	6068	43.97	-40.77	33.46	-58.60	-13.00	45.60	Horizontal
4	7422	43.45	-38.28	36.74	-53.35	-13.00	40.35	Horizontal
5	11023.5	41.54	-37.12	40.12	-50.72	-13.00	37.72	Horizontal
6	17998.5	39.09	-43.05	48.17	-51.05	-13.00	38.05	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3935.5	46.46	-44.19	29.84	-63.15	-13.00	50.15	Vertical
2	4929.5	45.43	-42.83	30.96	-61.70	-13.00	48.70	Vertical
3	6056	44.39	-40.85	33.49	-58.23	-13.00	45.23	Vertical
4	7497	43.11	-38.29	36.89	-53.55	-13.00	40.55	Vertical
5	11011	41.53	-37.05	40.11	-50.67	-13.00	37.67	Vertical
6	13641	41.75	-37.91	40.14	-51.28	-13.00	38.28	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	1.70	0.000981	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	0.60	0.000346	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-4.60	-0.002655	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-5.10	-0.002944	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-1.40	-0.000808	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	0.30	0.000173	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	0.50	0.000289	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-1.90	-0.001097	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-2.20	-0.001270	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-7.30	-0.004214	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	2.20	0.001270	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	3.60	0.002078	PASS

---End of Attachment---



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