

Report No.: SEWM2212000297RG01

Rev.: 01

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Appendix B.2

LTE Band 4



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.18	21.78	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.18	21.78	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.1	21.7	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.18	20.78	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.36	21.96	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.01	21.61	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.06	21.66	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.08	20.68	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.52	21.12	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.15	21.75	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.01	21.61	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.16	20.76	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.19	20.79	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.23	20.83	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.34	20.94	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.14	19.74	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.08	20.68	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.28	20.88	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.13	20.73	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.04	19.64	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.27	20.87	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.29	20.89	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.13	20.73	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.21	19.81	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.15	19.75	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.34	19.94	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.11	19.71	30	PASS



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Band4	1.4MHz	64QAM	19957	6RB#0	20.16	18.76	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.14	19.74	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.25	19.85	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.05	19.65	30	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.1	18.7	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.24	19.84	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.27	19.87	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.26	19.86	30	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.13	18.73	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#0	18.17	16.77	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#2	18.21	16.81	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#5	18.06	16.66	30	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	18.22	16.82	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#0	18.21	16.81	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#2	18.1	16.7	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#5	18.22	16.82	30	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	18.12	16.72	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#0	18.21	16.81	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#2	18.25	16.85	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#5	18.18	16.78	30	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	18.11	16.71	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.11	21.71	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.14	21.74	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.14	21.74	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.19	20.79	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.63	22.23	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.24	21.84	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.02	21.62	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.13	20.73	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.35	21.95	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.15	21.75	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.15	21.75	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.19	20.79	30	PASS



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Band4	3MHz	16QAM	19965	1RB#0	22.3	20.9	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.28	20.88	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.32	20.92	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.19	19.79	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.11	20.71	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.21	20.81	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.2	20.8	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.15	19.75	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.25	20.85	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.22	20.82	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.21	20.81	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.19	19.79	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.25	19.85	30	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.43	20.03	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.4	20	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.22	18.82	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.39	19.99	30	PASS
Band4	3MHz	64QAM	20175	1RB#8	21.39	19.99	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.29	19.89	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.15	18.75	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.06	19.66	30	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.3	19.9	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.24	19.84	30	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.21	18.81	30	PASS
Band4	3MHz	256QAM	19965	1RB#0	18.19	16.79	30	PASS
Band4	3MHz	256QAM	19965	1RB#8	18.24	16.84	30	PASS
Band4	3MHz	256QAM	19965	1RB#14	18.23	16.83	30	PASS
Band4	3MHz	256QAM	19965	15RB#0	18.21	16.81	30	PASS
Band4	3MHz	256QAM	20175	1RB#0	18.16	16.76	30	PASS
Band4	3MHz	256QAM	20175	1RB#8	18.2	16.8	30	PASS
Band4	3MHz	256QAM	20175	1RB#14	18.04	16.64	30	PASS
Band4	3MHz	256QAM	20175	15RB#0	18.13	16.73	30	PASS
Band4	3MHz	256QAM	20385	1RB#0	18.16	16.76	30	PASS



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Band4	3MHz	256QAM	20385	1RB#8	18.25	16.85	30	PASS
Band4	3MHz	256QAM	20385	1RB#14	18.24	16.84	30	PASS
Band4	3MHz	256QAM	20385	15RB#0	18.15	16.75	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.21	21.81	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.12	21.72	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.04	21.64	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.11	20.71	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.55	22.15	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.15	21.75	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.01	21.61	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.17	20.77	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.15	21.75	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.09	21.69	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.08	21.68	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.14	20.74	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.25	20.85	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.4	21	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.36	20.96	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.08	19.68	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.2	20.8	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.1	20.7	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.26	20.86	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.16	19.76	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.25	20.85	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.19	20.79	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.26	20.86	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.2	19.8	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.27	19.87	30	PASS
Band4	5MHz	64QAM	19975	1RB#12	21.46	20.06	30	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.22	19.82	30	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.15	18.75	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.29	19.89	30	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.25	19.85	30	PASS



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Band4	5MHz	64QAM	20175	1RB#24	21.29	19.89	30	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.13	18.73	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.1	19.7	30	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.25	19.85	30	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.7	20.3	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.18	18.78	30	PASS
Band4	5MHz	256QAM	19975	1RB#0	18.31	16.91	30	PASS
Band4	5MHz	256QAM	19975	1RB#12	18.26	16.86	30	PASS
Band4	5MHz	256QAM	19975	1RB#24	18.2	16.8	30	PASS
Band4	5MHz	256QAM	19975	25RB#0	18.14	16.74	30	PASS
Band4	5MHz	256QAM	20175	1RB#0	18.18	16.78	30	PASS
Band4	5MHz	256QAM	20175	1RB#12	18.27	16.87	30	PASS
Band4	5MHz	256QAM	20175	1RB#24	18.14	16.74	30	PASS
Band4	5MHz	256QAM	20175	25RB#0	18.13	16.73	30	PASS
Band4	5MHz	256QAM	20375	1RB#0	18.05	16.65	30	PASS
Band4	5MHz	256QAM	20375	1RB#12	18.31	16.91	30	PASS
Band4	5MHz	256QAM	20375	1RB#24	18.41	17.01	30	PASS
Band4	5MHz	256QAM	20375	25RB#0	18.17	16.77	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.26	21.86	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.2	21.8	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.15	21.75	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.22	20.82	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.36	21.96	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.11	21.71	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.05	21.65	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.12	20.72	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.12	21.72	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.09	21.69	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.11	21.71	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.09	20.69	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.17	20.77	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.34	20.94	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.22	20.82	30	PASS



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Band4	10MHz	16QAM	20000	50RB#0	21.24	19.84	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.09	20.69	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.26	20.86	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.28	20.88	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.18	19.78	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.25	20.85	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.29	20.89	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.26	20.86	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.17	19.77	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	21.28	19.88	30	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.44	20.04	30	PASS
Band4	10MHz	64QAM	20000	1RB#49	21.31	19.91	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.26	18.86	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.04	19.64	30	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.39	19.99	30	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.44	20.04	30	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.09	18.69	30	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.21	19.81	30	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.31	19.91	30	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.28	19.88	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.13	18.73	30	PASS
Band4	10MHz	256QAM	20000	1RB#0	18.29	16.89	30	PASS
Band4	10MHz	256QAM	20000	1RB#24	18.4	17	30	PASS
Band4	10MHz	256QAM	20000	1RB#49	18.06	16.66	30	PASS
Band4	10MHz	256QAM	20000	50RB#0	18.22	16.82	30	PASS
Band4	10MHz	256QAM	20175	1RB#0	18.09	16.69	30	PASS
Band4	10MHz	256QAM	20175	1RB#24	18.29	16.89	30	PASS
Band4	10MHz	256QAM	20175	1RB#49	18.3	16.9	30	PASS
Band4	10MHz	256QAM	20175	50RB#0	18.12	16.72	30	PASS
Band4	10MHz	256QAM	20350	1RB#0	18.1	16.7	30	PASS
Band4	10MHz	256QAM	20350	1RB#24	18.33	16.93	30	PASS
Band4	10MHz	256QAM	20350	1RB#49	18.35	16.95	30	PASS
Band4	10MHz	256QAM	20350	50RB#0	18.1	16.7	30	PASS



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Band4	15MHz	QPSK	20025	1RB#0	22.88	21.48	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.05	21.65	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.97	21.57	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.04	20.64	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.98	21.58	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.93	21.53	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.06	21.66	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.04	20.64	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.54	21.14	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.93	21.53	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.13	21.73	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.06	20.66	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.12	20.72	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.25	20.85	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.13	20.73	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.92	19.52	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.02	20.62	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.17	20.77	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.17	20.77	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.04	19.64	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.99	20.59	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.08	20.68	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.6	21.2	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	21	19.6	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.14	19.74	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.09	19.69	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.16	19.76	30	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.03	18.63	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.2	19.8	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.18	19.78	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.21	19.81	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.99	18.59	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.07	19.67	30	PASS



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Band4	15MHz	64QAM	20325	1RB#38	21.16	19.76	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.19	19.79	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.07	18.67	30	PASS
Band4	15MHz	256QAM	20025	1RB#0	17.89	16.49	30	PASS
Band4	15MHz	256QAM	20025	1RB#38	18.23	16.83	30	PASS
Band4	15MHz	256QAM	20025	1RB#74	18.02	16.62	30	PASS
Band4	15MHz	256QAM	20025	75RB#0	18.07	16.67	30	PASS
Band4	15MHz	256QAM	20175	1RB#0	17.98	16.58	30	PASS
Band4	15MHz	256QAM	20175	1RB#38	18.01	16.61	30	PASS
Band4	15MHz	256QAM	20175	1RB#74	18.16	16.76	30	PASS
Band4	15MHz	256QAM	20175	75RB#0	18.1	16.7	30	PASS
Band4	15MHz	256QAM	20325	1RB#0	17.97	16.57	30	PASS
Band4	15MHz	256QAM	20325	1RB#38	18.05	16.65	30	PASS
Band4	15MHz	256QAM	20325	1RB#74	17.97	16.57	30	PASS
Band4	15MHz	256QAM	20325	75RB#0	18.09	16.69	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.91	21.51	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.99	21.59	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.1	21.7	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.05	20.65	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.96	21.56	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.91	21.51	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.98	21.58	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.04	20.64	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.12	21.72	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.97	21.57	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.27	21.87	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.98	20.58	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	22	20.6	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.17	20.77	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.1	20.7	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.05	19.65	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.03	20.63	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.06	20.66	30	PASS



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Band4	20MHz	16QAM	20175	1RB#99	22.1	20.7	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.02	19.62	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	22	20.6	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.05	20.65	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.28	20.88	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.03	19.63	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	20.99	19.59	30	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.06	19.66	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.12	19.72	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.03	18.63	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.93	19.53	30	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.01	19.61	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.12	19.72	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.03	18.63	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	20.99	19.59	30	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.19	19.79	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.28	19.88	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	20	18.6	30	PASS
Band4	20MHz	256QAM	20050	1RB#0	17.97	16.57	30	PASS
Band4	20MHz	256QAM	20050	1RB#49	18.05	16.65	30	PASS
Band4	20MHz	256QAM	20050	1RB#99	17.97	16.57	30	PASS
Band4	20MHz	256QAM	20050	100RB#0	18.04	16.64	30	PASS
Band4	20MHz	256QAM	20175	1RB#0	18.08	16.68	30	PASS
Band4	20MHz	256QAM	20175	1RB#49	18.26	16.86	30	PASS
Band4	20MHz	256QAM	20175	1RB#99	18.19	16.79	30	PASS
Band4	20MHz	256QAM	20175	100RB#0	18.02	16.62	30	PASS
Band4	20MHz	256QAM	20300	1RB#0	17.9	16.5	30	PASS
Band4	20MHz	256QAM	20300	1RB#49	18.11	16.71	30	PASS
Band4	20MHz	256QAM	20300	1RB#99	18.14	16.74	30	PASS
Band4	20MHz	256QAM	20300	100RB#0	17.85	16.45	30	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	5.56	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.50	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.40	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.46	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.30	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.32	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.84	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.68	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.74	13	PASS
Band4	20MHz	256QAM	20050	100RB#0	7.06	13	PASS
Band4	20MHz	256QAM	20175	100RB#0	7.04	13	PASS
Band4	20MHz	256QAM	20300	100RB#0	6.94	13	PASS



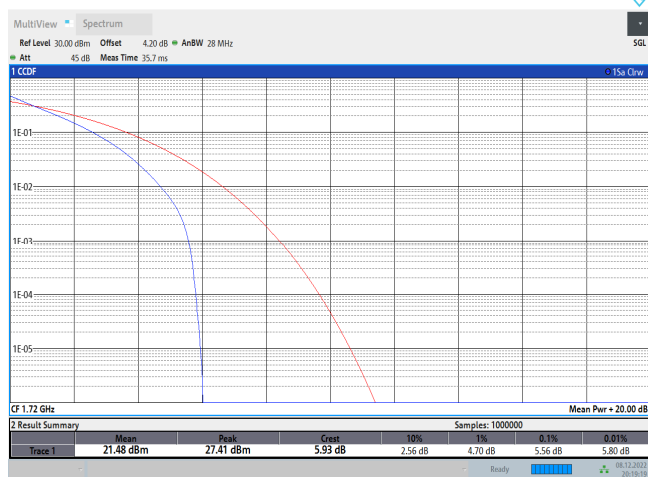
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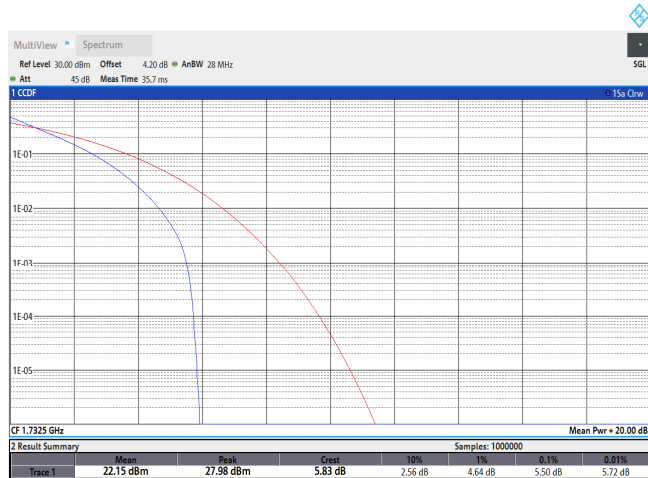
Test Graphs

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



20:19:20 08.12.2022

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

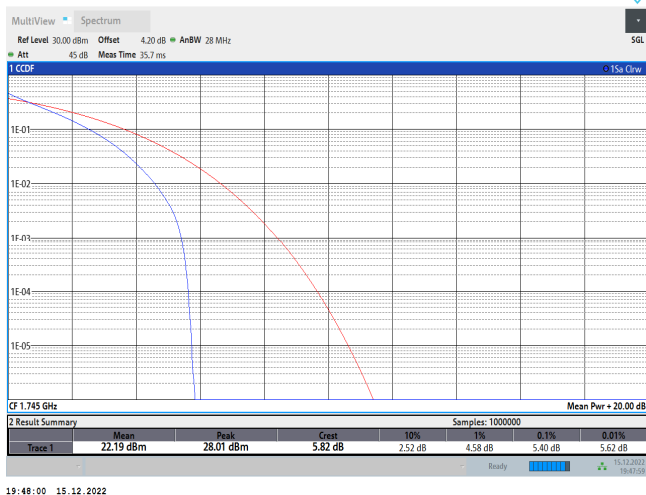


19:47:43 15.12.2022



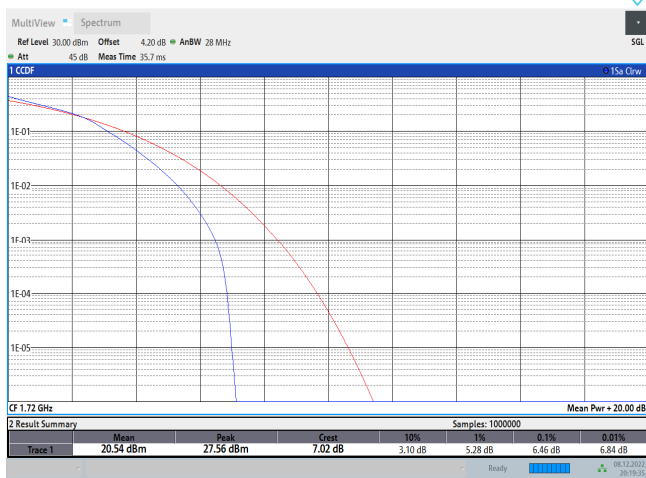
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Band4-20MHz-QPSK-20300-100RB#0



19:48:00 15.12.2022

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

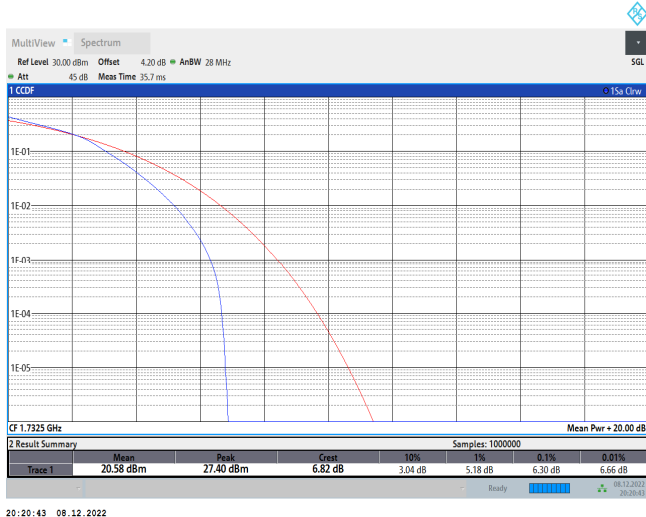


20:19:36 08.12.2022



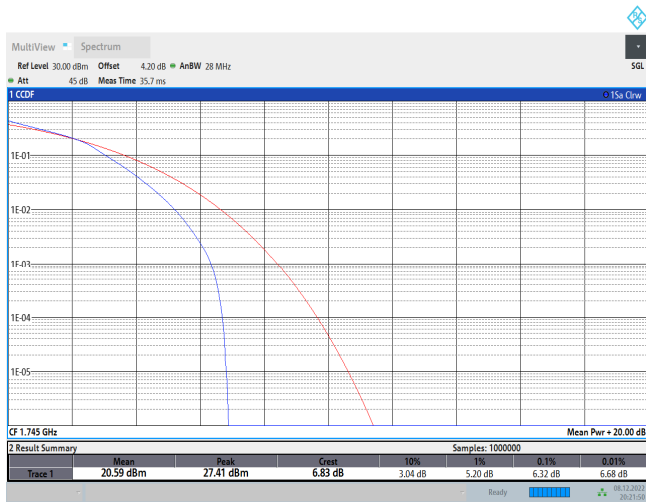
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Band4-20MHz-16QAM-20175-100RB#0



20:20:43 08.12.2022

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

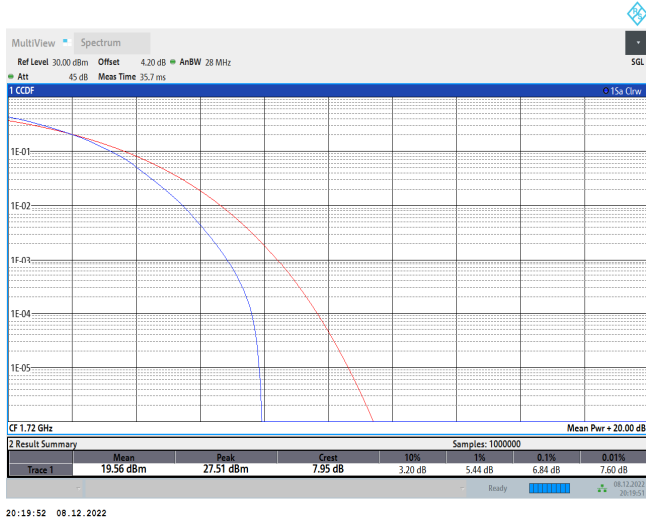


20:21:51 08.12.2022



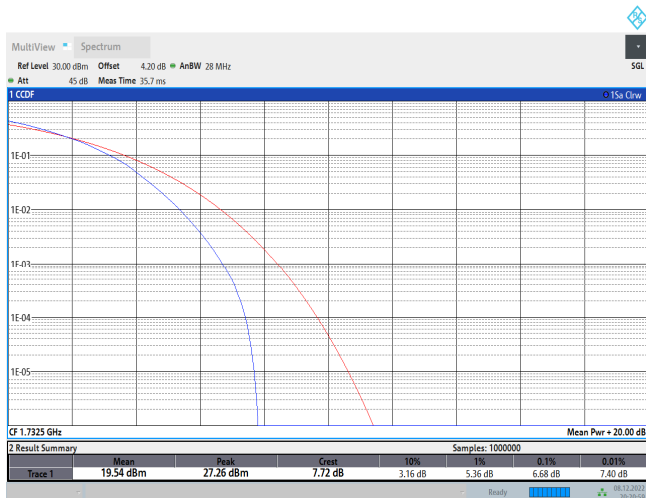
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Band4-20MHz-64QAM-20050-100RB#0



20:19:52 08.12.2022

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



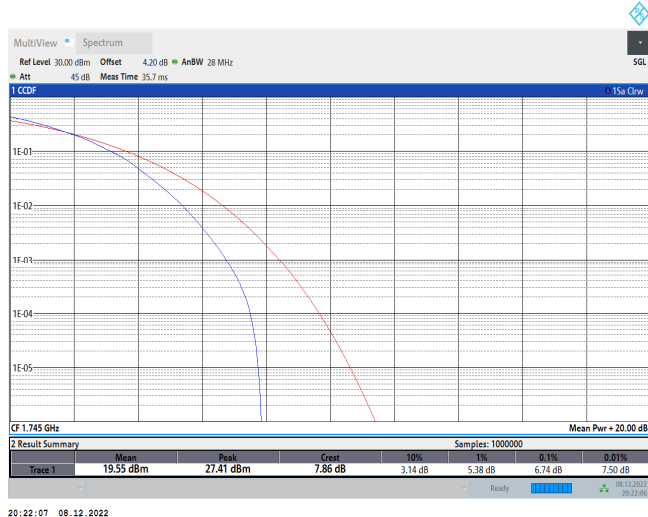
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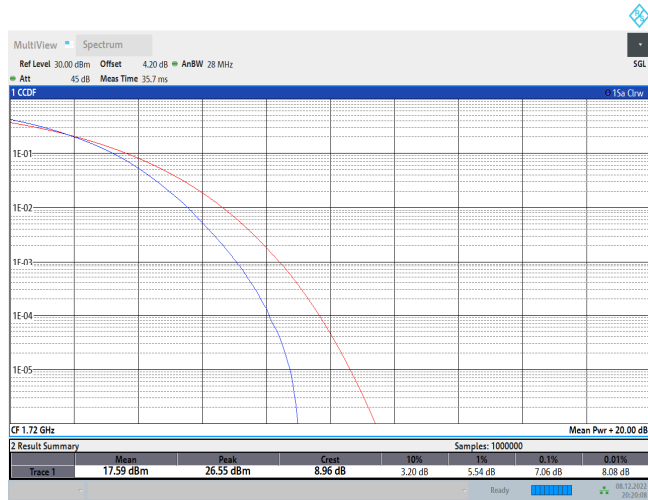
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Band4-20MHz-64QAM-20300-100RB#0



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Band4-20MHz-256QAM-20050-100RB#0



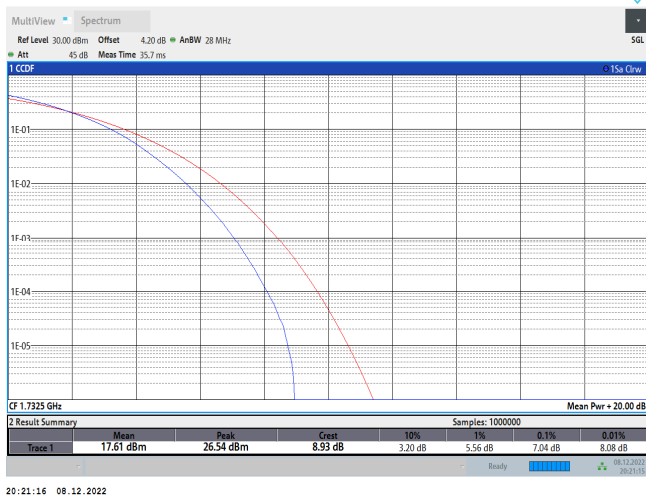
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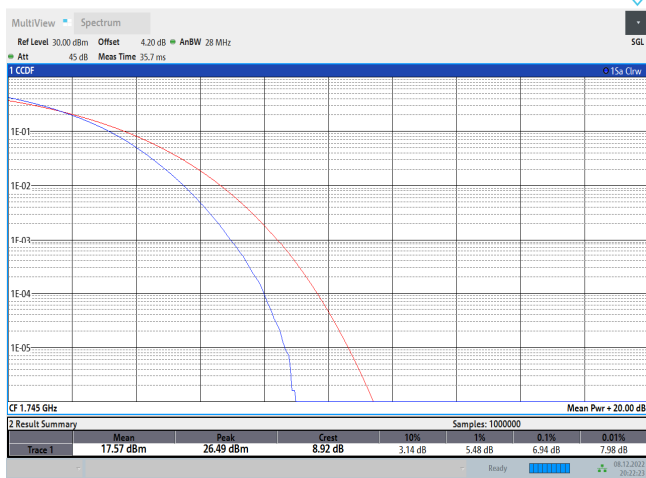
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Band4-20MHz-256QAM-20175-100RB#0



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Band4-20MHz-256QAM-20300-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band4	20MHz	QPSK	20175	100RB#0	PASS	PASS
Band4	20MHz	16QAM	20175	100RB#0	PASS	PASS
Band4	20MHz	64QAM	20175	100RB#0	PASS	PASS
Band4	20MHz	256QAM	20175	100RB#0	PASS	PASS



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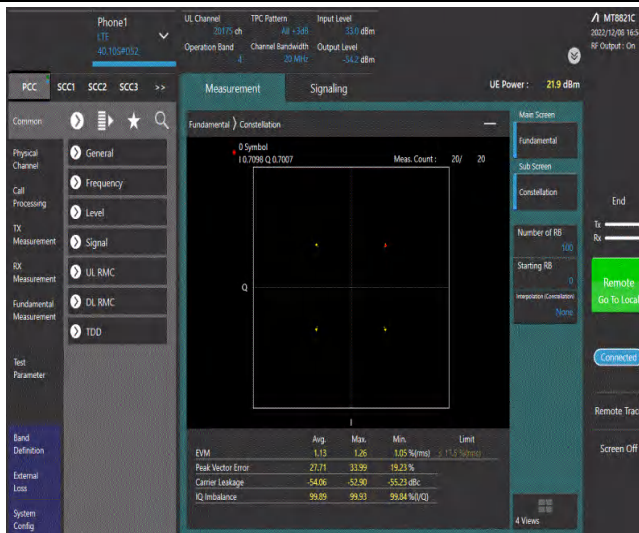
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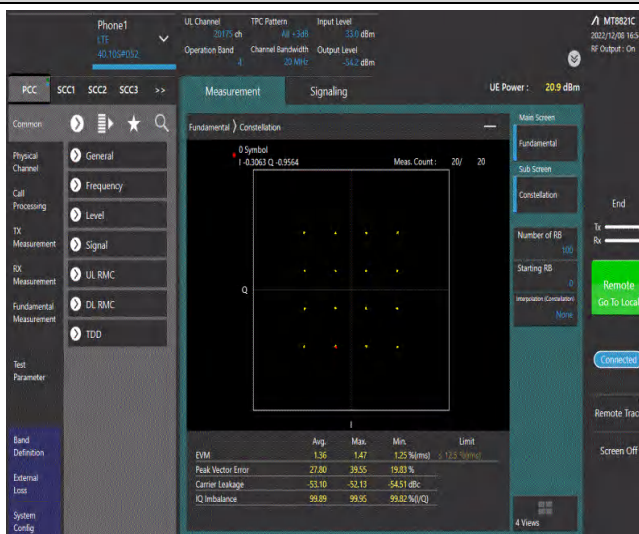
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Test Graphs

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

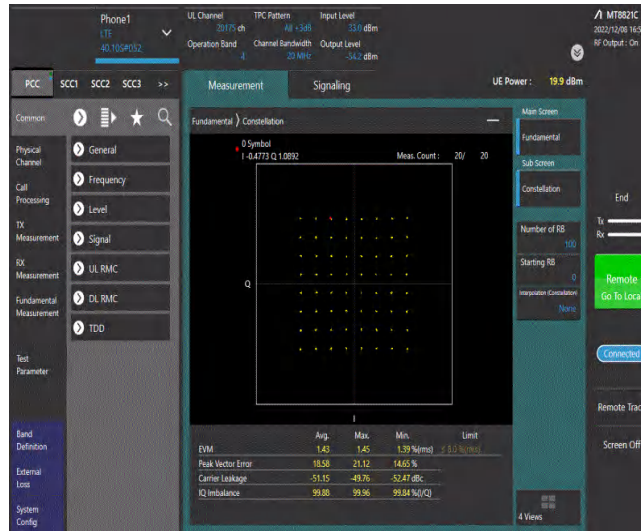


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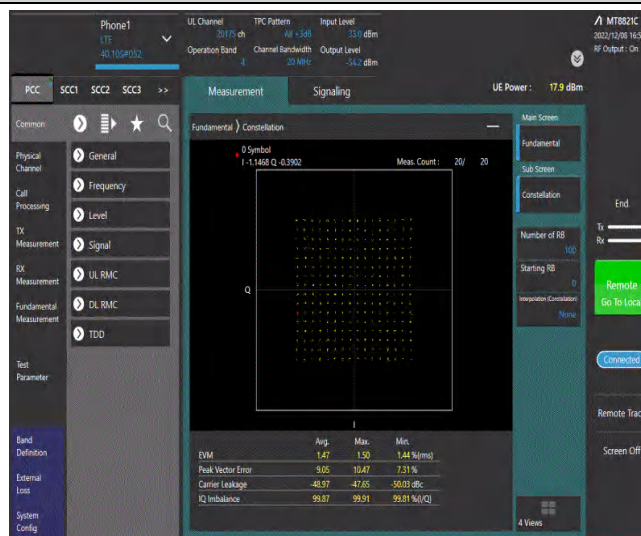


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Band4-20MHz-64QAM-20175-100RB#0



Band4-20MHz-256QAM-20175-100RB#0



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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	1.107	1.38	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.106	1.37	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.105	1.39	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.109	1.37	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.102	1.39	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.111	1.39	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.109	1.40	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.106	1.39	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.108	1.38	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	1.101	1.39	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	1.106	1.38	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	1.102	1.38	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.698	3.07	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.697	3.05	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.696	3.04	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.694	3.08	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.696	3.04	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.697	3.09	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.702	3.08	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.699	3.06	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.697	3.08	PASS
Band4	3MHz	256QAM	19965	15RB#0	2.699	3.05	PASS
Band4	3MHz	256QAM	20175	15RB#0	2.7	3.08	PASS
Band4	3MHz	256QAM	20385	15RB#0	2.701	3.04	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.483	5.06	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.478	5.04	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.479	4.97	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.478	5.06	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.482	5.01	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.482	4.97	PASS



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Band4	5MHz	64QAM	19975	25RB#0	4.481	5.02	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.48	5.04	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.48	5.04	PASS
Band4	5MHz	256QAM	19975	25RB#0	4.479	5.02	PASS
Band4	5MHz	256QAM	20175	25RB#0	4.476	5.02	PASS
Band4	5MHz	256QAM	20375	25RB#0	4.477	5.03	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.948	9.82	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.939	9.74	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.945	9.82	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.948	9.86	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.939	9.80	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.951	9.86	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.949	9.84	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.951	9.84	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.94	9.88	PASS
Band4	10MHz	256QAM	20000	50RB#0	8.953	9.80	PASS
Band4	10MHz	256QAM	20175	50RB#0	8.956	9.76	PASS
Band4	10MHz	256QAM	20350	50RB#0	8.942	9.86	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.477	14.97	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.501	15.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.485	14.94	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.503	15.09	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.48	14.97	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.494	15.03	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.483	15.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.488	15.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.483	15.21	PASS
Band4	15MHz	256QAM	20025	75RB#0	13.476	15.06	PASS
Band4	15MHz	256QAM	20175	75RB#0	13.479	15.03	PASS
Band4	15MHz	256QAM	20325	75RB#0	13.479	14.97	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.943	19.76	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.926	19.64	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.917	19.52	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.929	19.60	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.899	19.60	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.929	19.68	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.948	19.80	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.906	19.52	PASS



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Band4	20MHz	64QAM	20300	100RB#0	17.936	19.84	PASS
Band4	20MHz	256QAM	20050	100RB#0	17.922	19.76	PASS
Band4	20MHz	256QAM	20175	100RB#0	17.91	19.72	PASS
Band4	20MHz	256QAM	20300	100RB#0	17.902	19.72	PASS

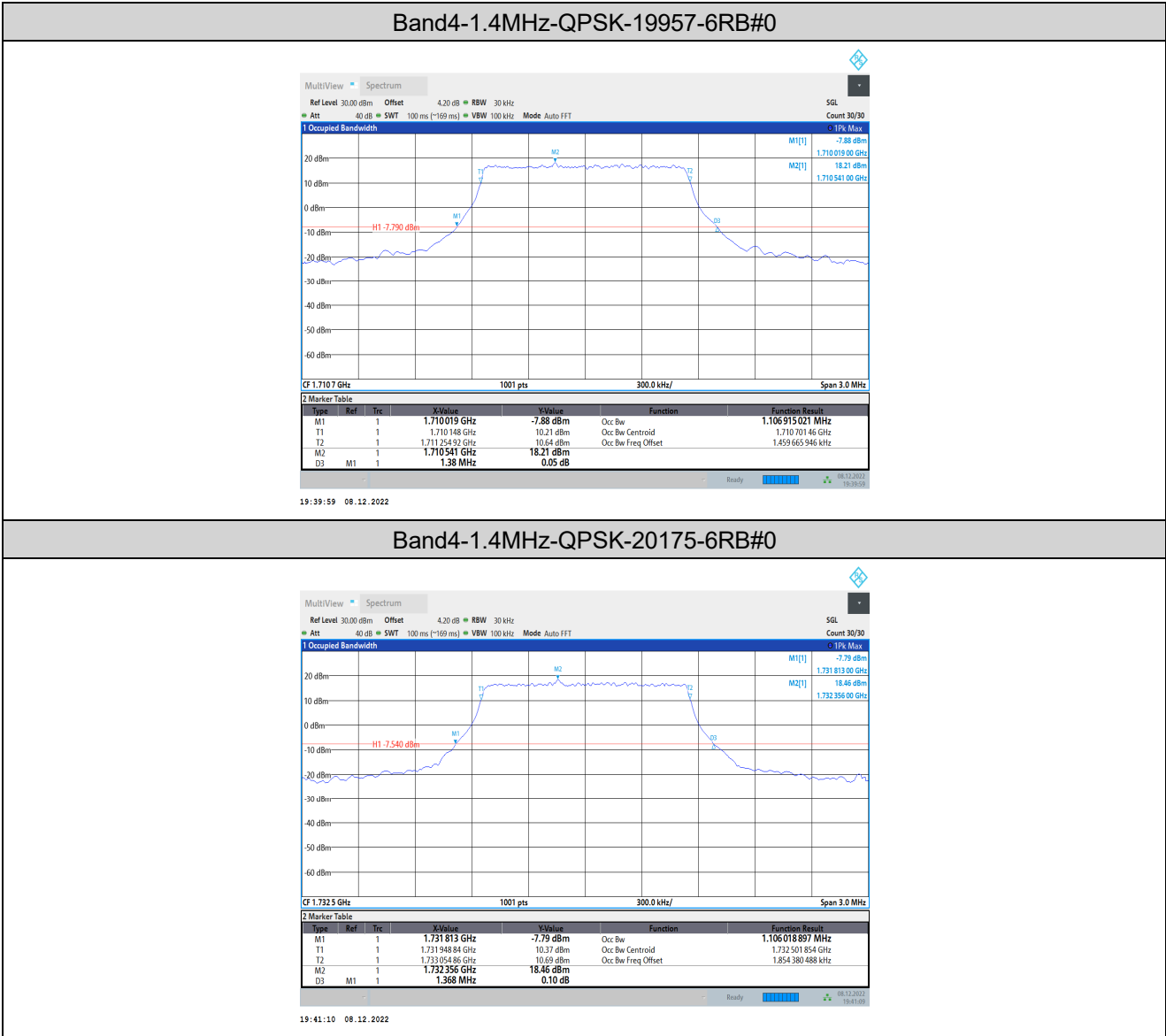


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Test Graphs

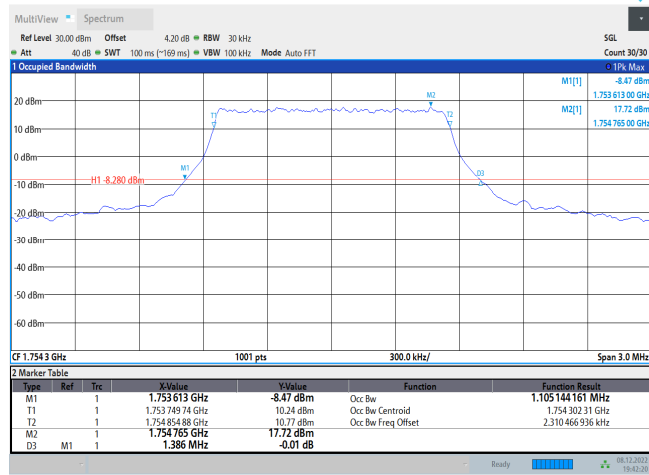


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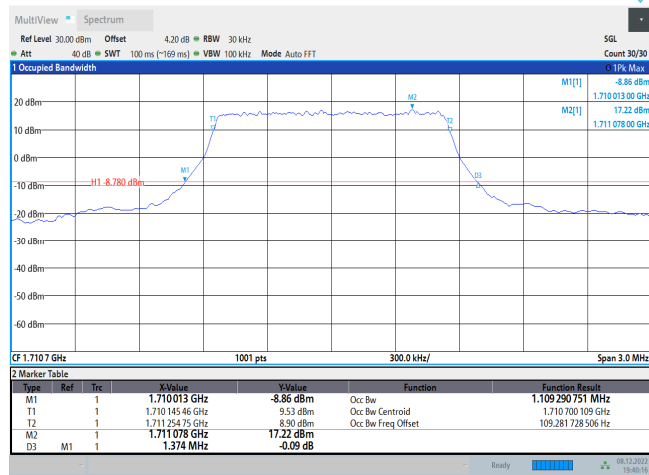
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Band4-1.4MHz-QPSK-20393-6RB#0



19:42:21 08.12.2022

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

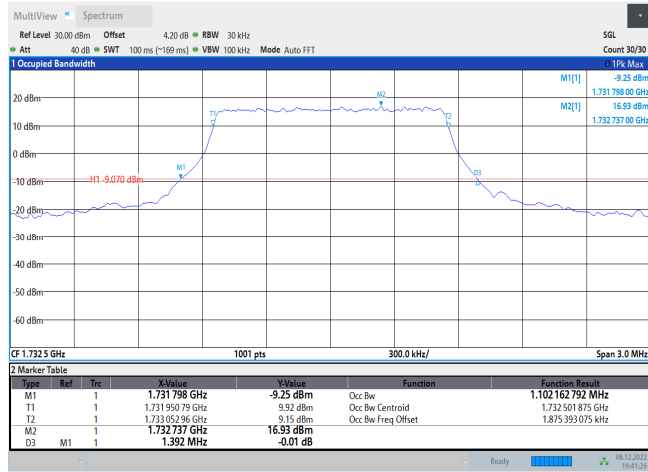


19:40:17 08.12.2022



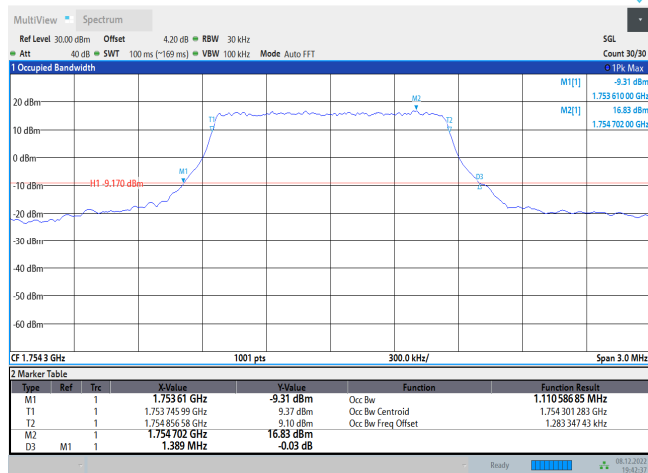
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Band4-1.4MHz-16QAM-20175-6RB#0



19:41:27 08.12.2022

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



19:42:38 08.12.2022

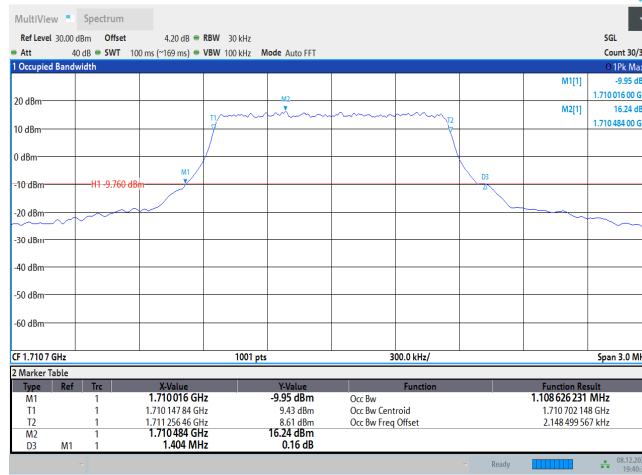


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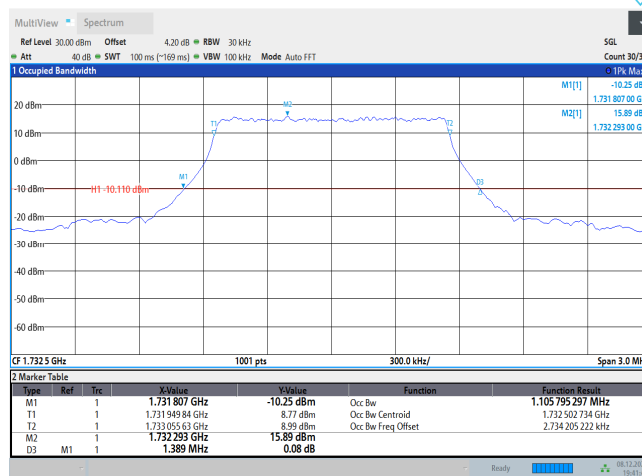
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Band4-1.4MHz-64QAM-19957-6RB#0



19:40:34 08.12.2022

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



19:41:44 08.12.2022

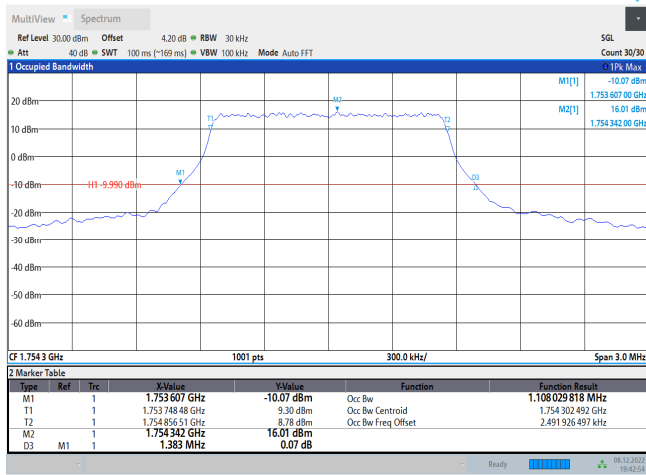


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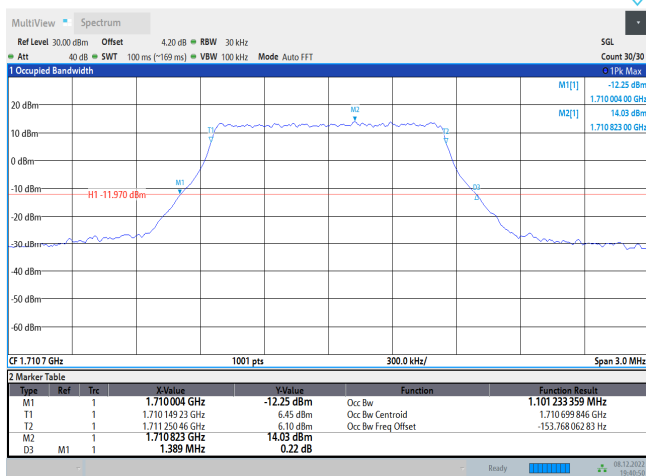
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Band4-1.4MHz-64QAM-20393-6RB#0



19:42:55 08.12.2022

Band4-1.4MHz-256QAM-19957-6RB#0

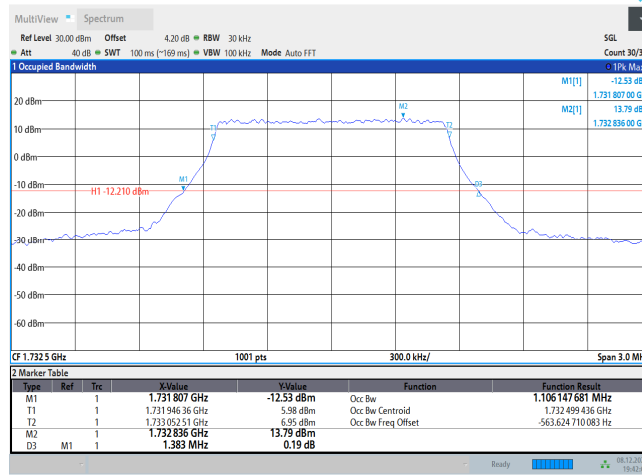


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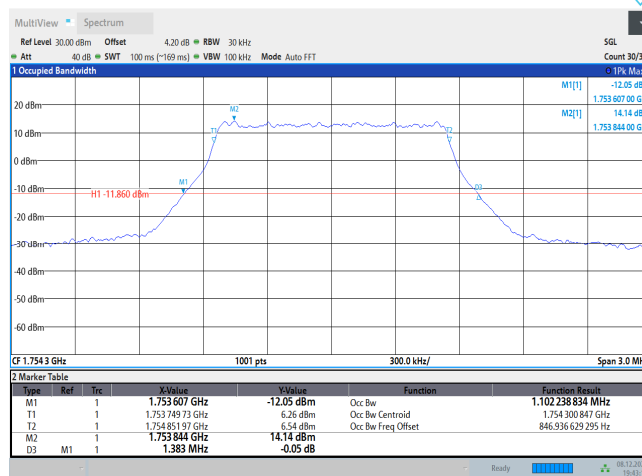
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Band4-1.4MHz-256QAM-20175-6RB#0



19:42:01 08.12.2022

Band4-1.4MHz-256QAM-20393-6RB#0

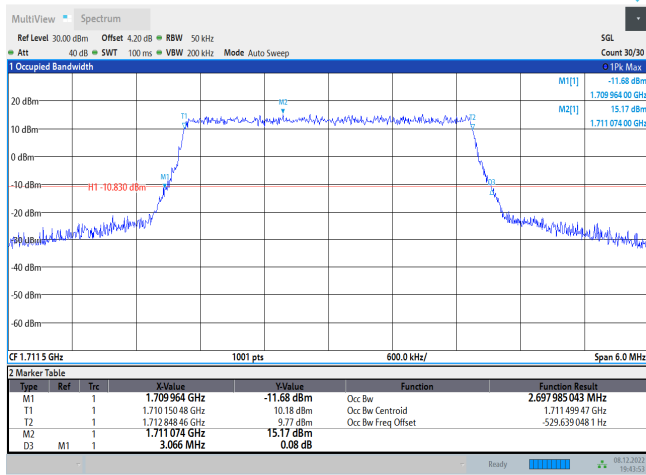


19:43:12 08.12.2022



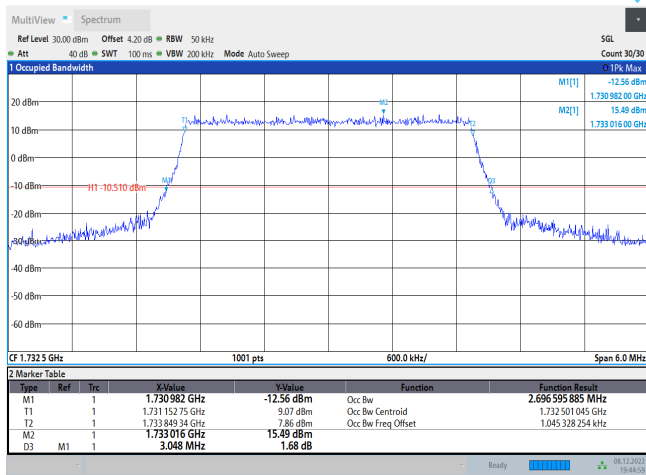
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Band4-3MHz-QPSK-19965-15RB#0



19:43:53 08.12.2022

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

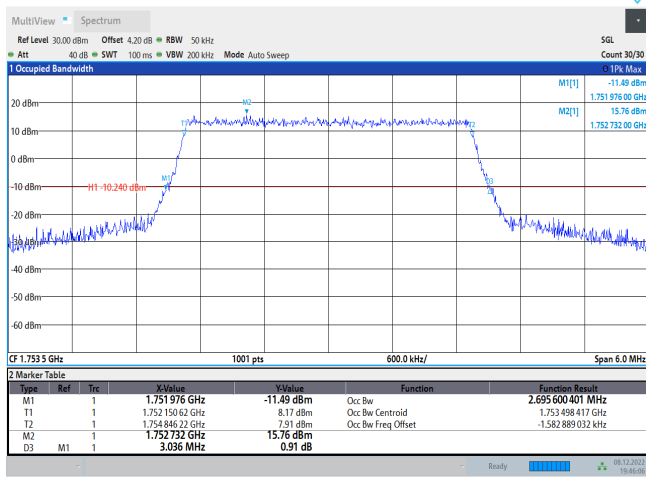


19:44:59 08.12.2022



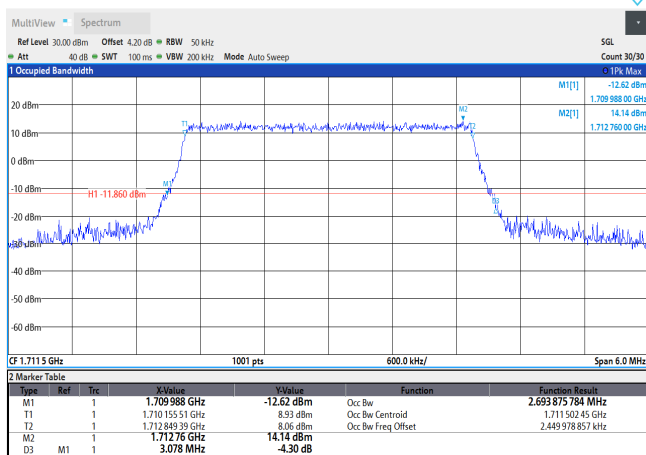
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Band4-3MHz-QPSK-20385-15RB#0



19:46:06 08.12.2022

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

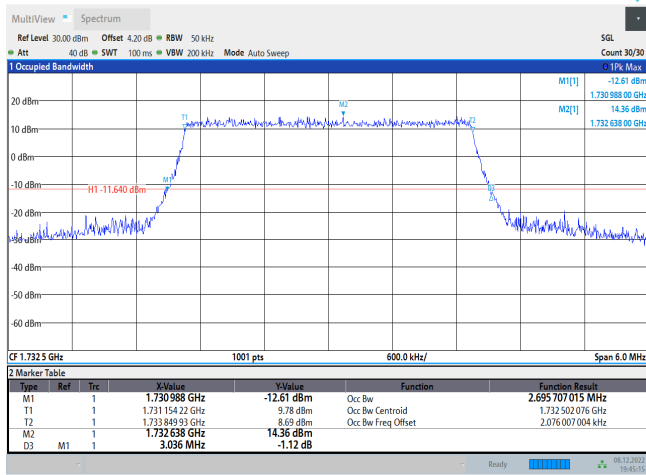


19:44:09 08.12.2022



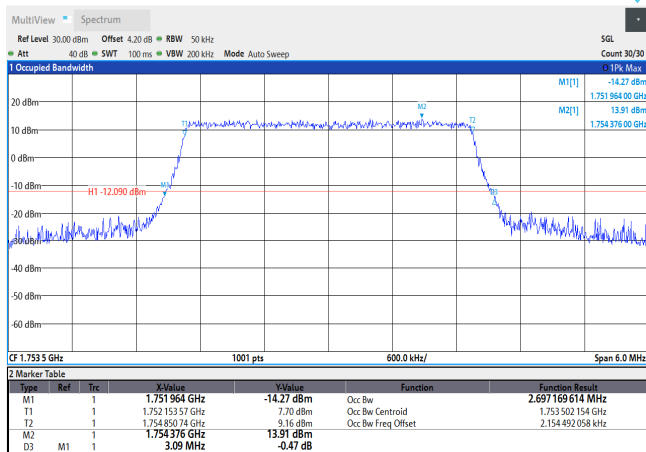
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Band4-3MHz-16QAM-20175-15RB#0



19:45:15 08.12.2022

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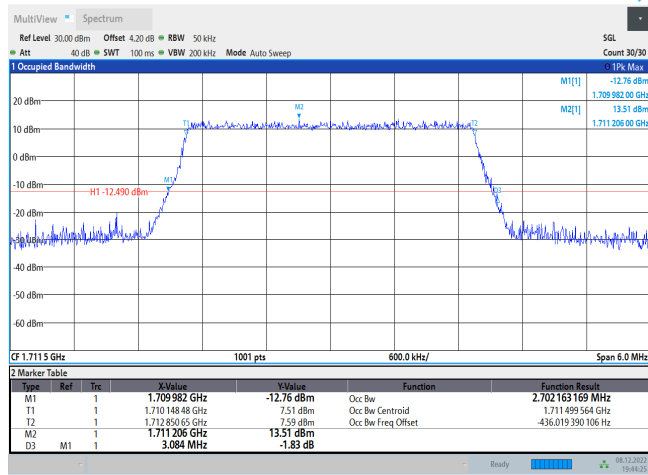


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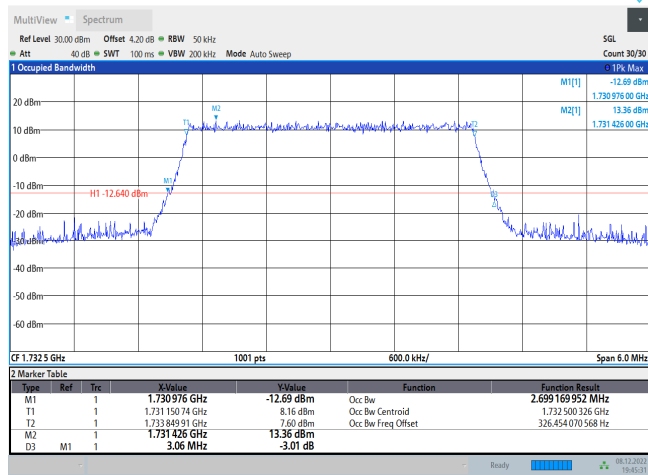
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Band4-3MHz-64QAM-19965-15RB#0



19:44:25 08.12.2022

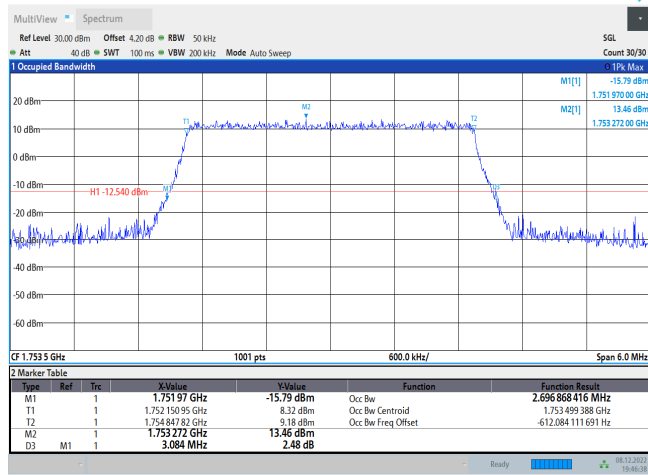
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19:45:32 08.12.2022

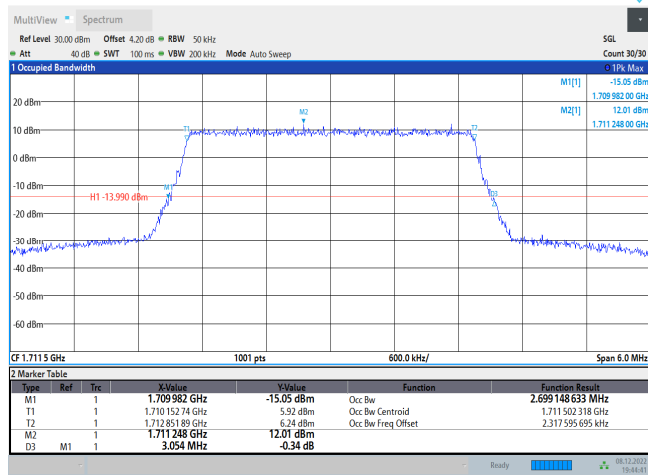


Band4-3MHz-64QAM-20385-15RB#0



19:46:38 08.12.2022

Band4-3MHz-256QAM-19965-15RB#0

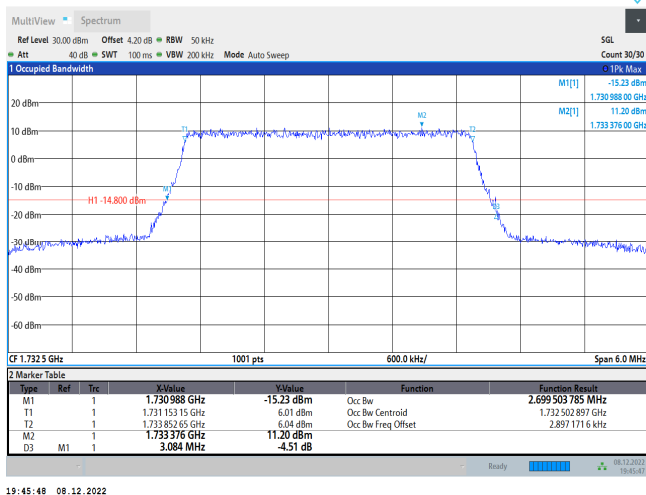


19:44:41 08.12.2022

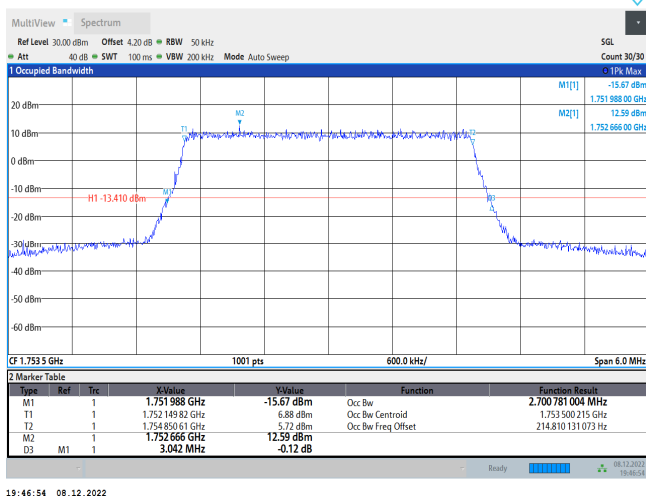


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Band4-3MHz-256QAM-20175-15RB#0

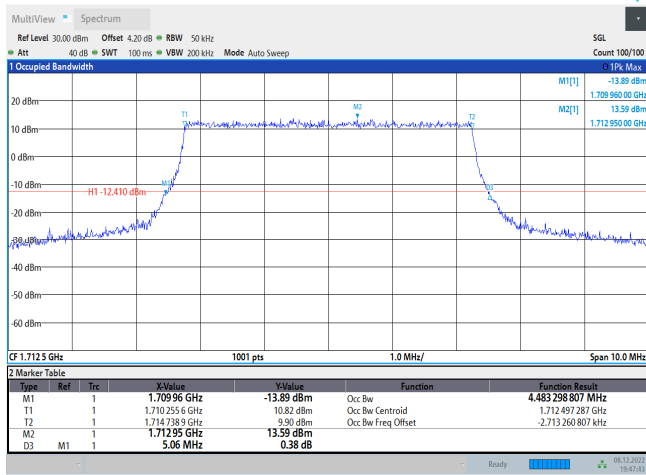


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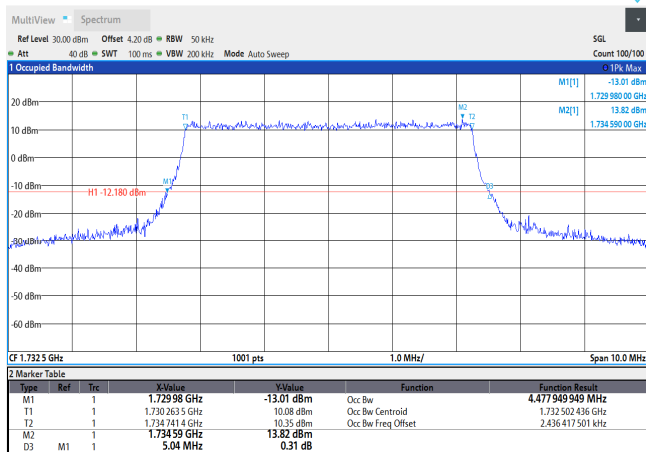
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Band4-5MHz-QPSK-19975-25RB#0



19:47:44 08.12.2022

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

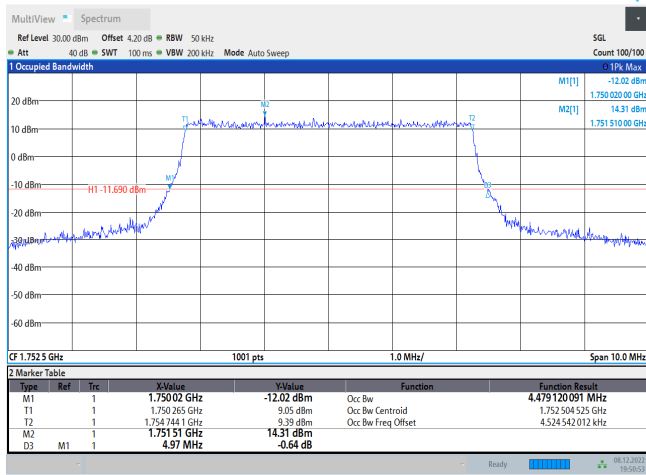


19:49:19 08.12.2022



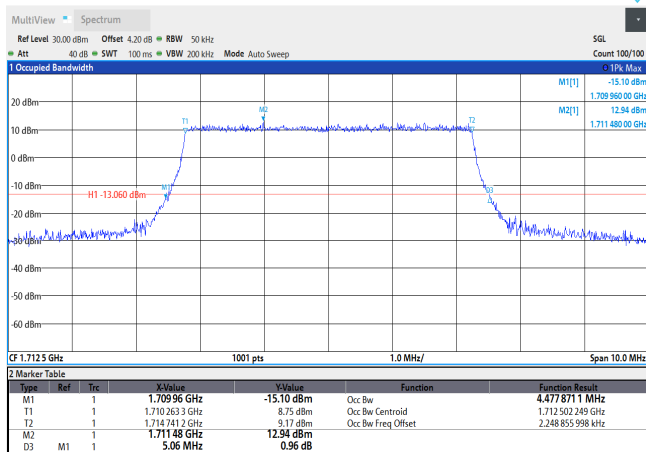
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Band4-5MHz-QPSK-20375-25RB#0



19:50:53 08.12.2022

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

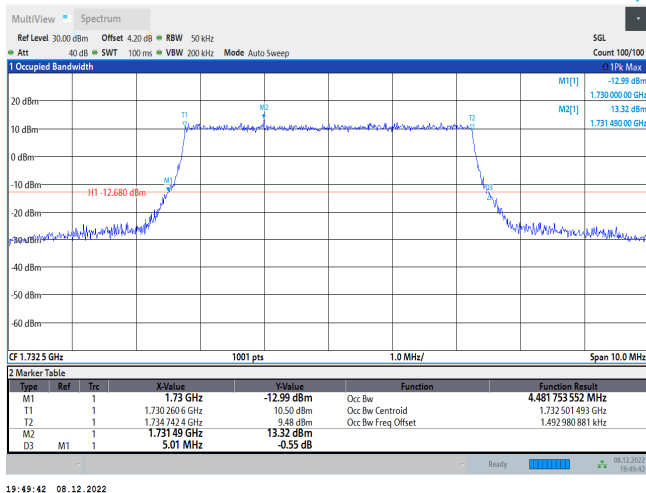


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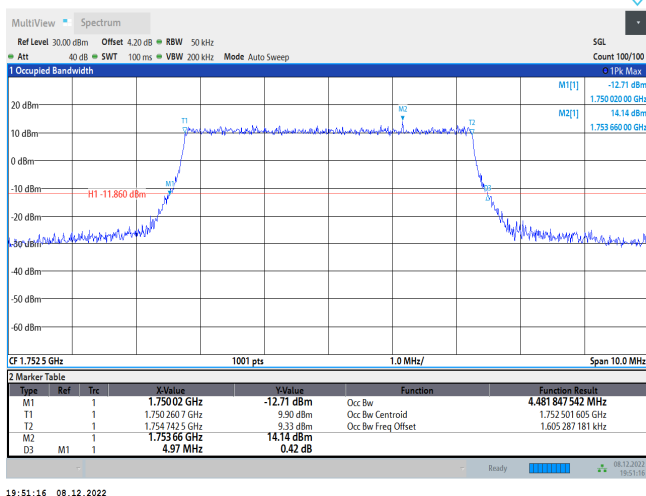


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Band4-5MHz-16QAM-20175-25RB#0

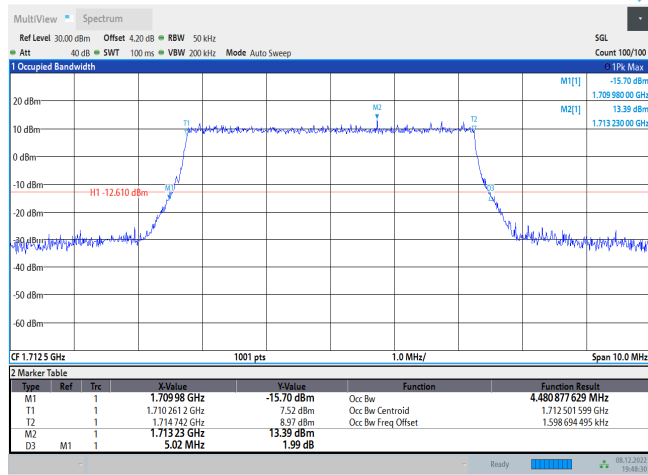


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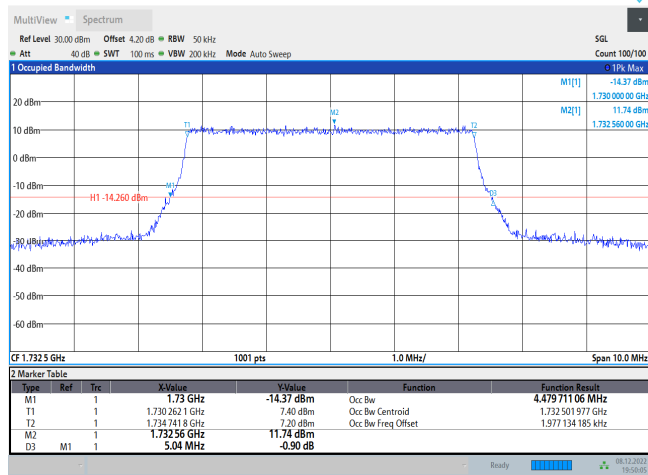
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Band4-5MHz-64QAM-19975-25RB#0



19:48:31 08.12.2022

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

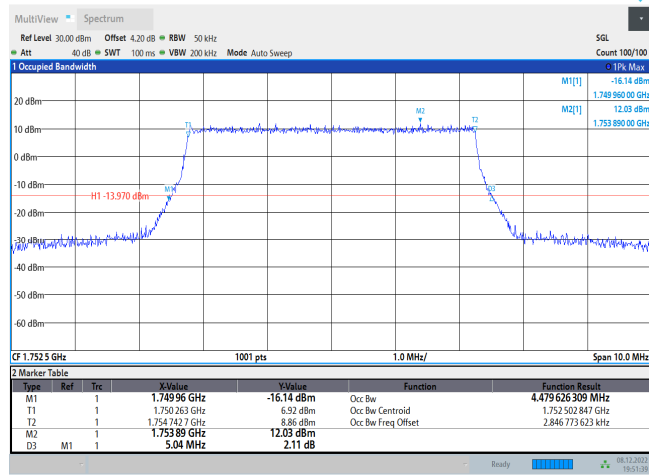


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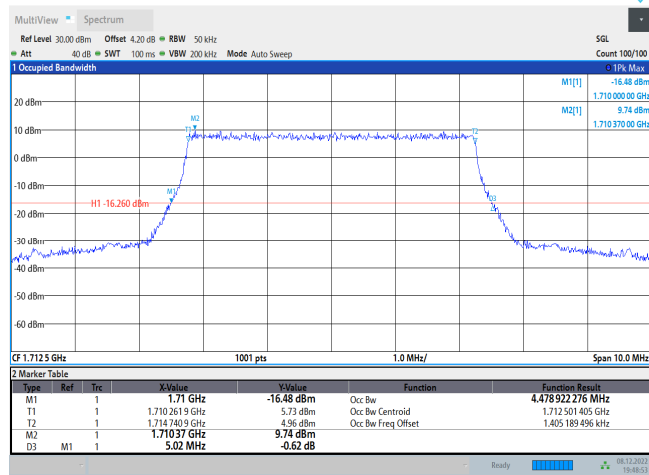
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Band4-5MHz-64QAM-20375-25RB#0



19:51:40 08.12.2022

Band4-5MHz-256QAM-19975-25RB#0

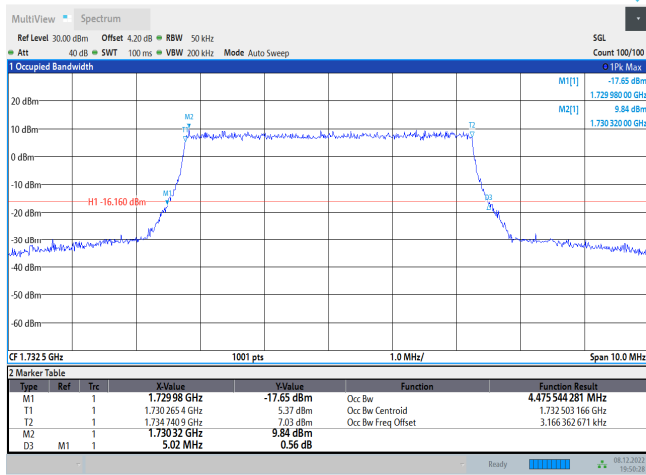


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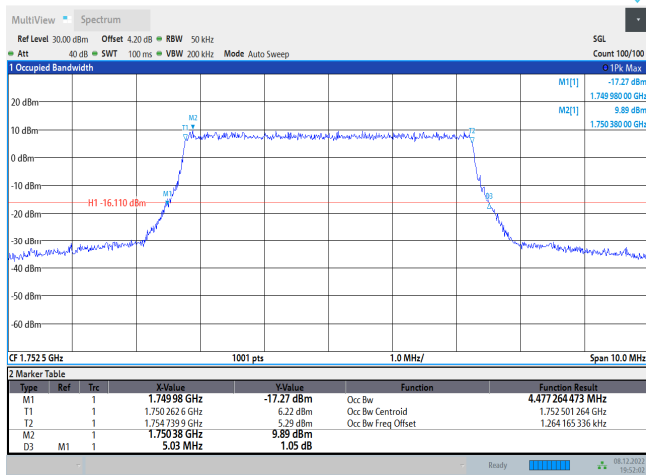
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Band4-5MHz-256QAM-20175-25RB#0



19:50:28 08.12.2022

Band4-5MHz-256QAM-20375-25RB#0

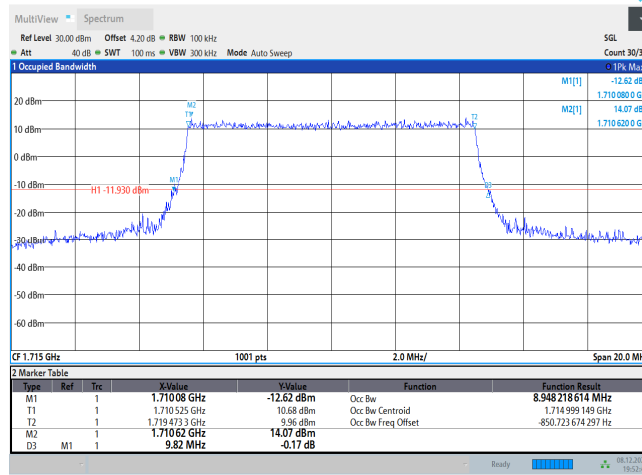


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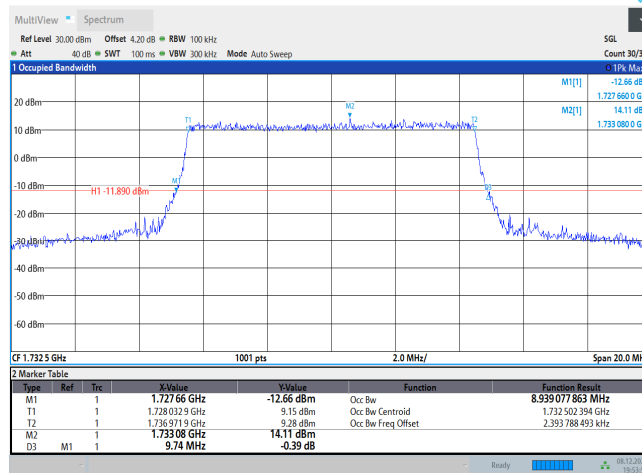
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Band4-10MHz-QPSK-20000-50RB#0



19:52:48 08.12.2022

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



19:53:54 08.12.2022



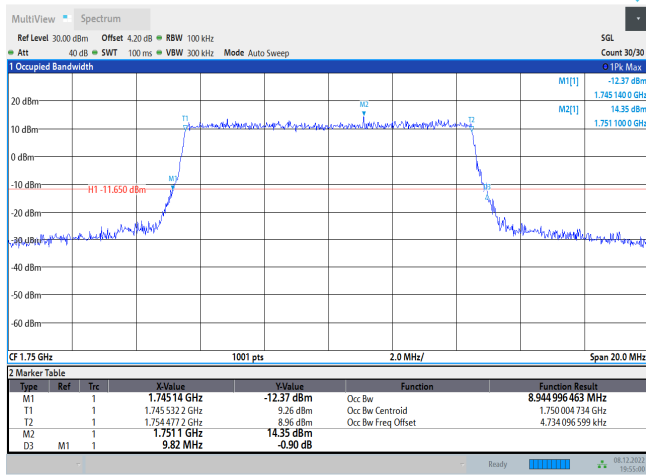
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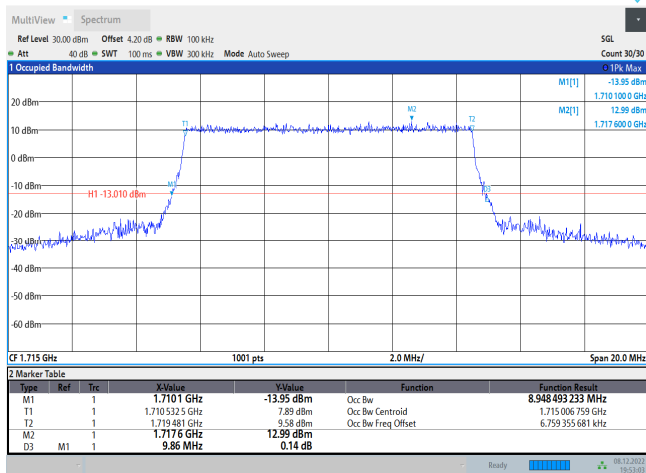
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Band4-10MHz-QPSK-20350-50RB#0



19:55:01 08.12.2022

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

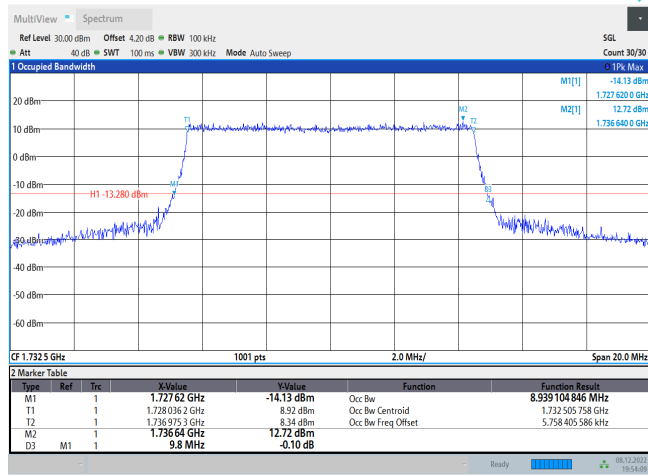


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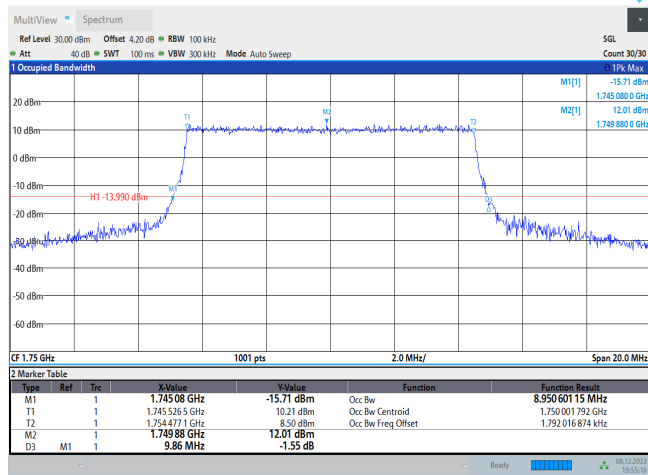
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Band4-10MHz-16QAM-20175-50RB#0



19:54:10 08.12.2022

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

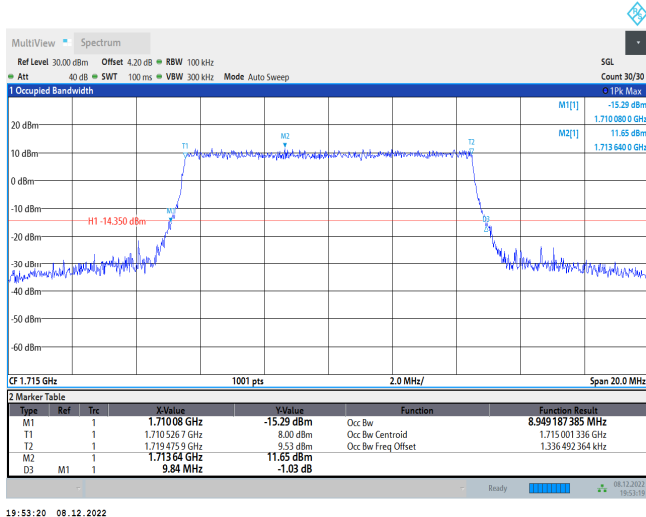


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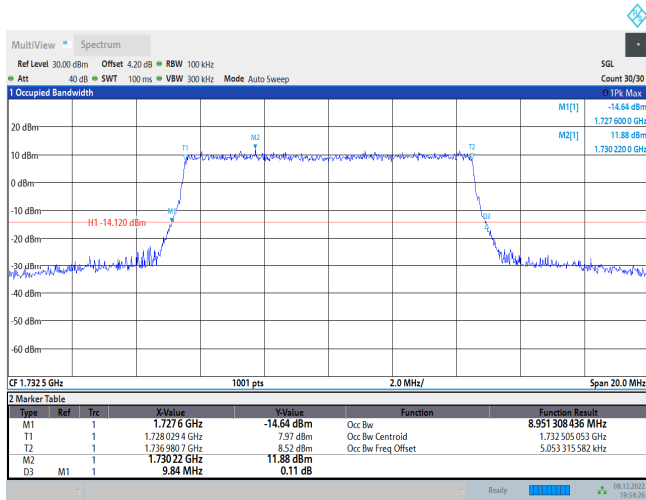
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Band4-10MHz-64QAM-20000-50RB#0



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

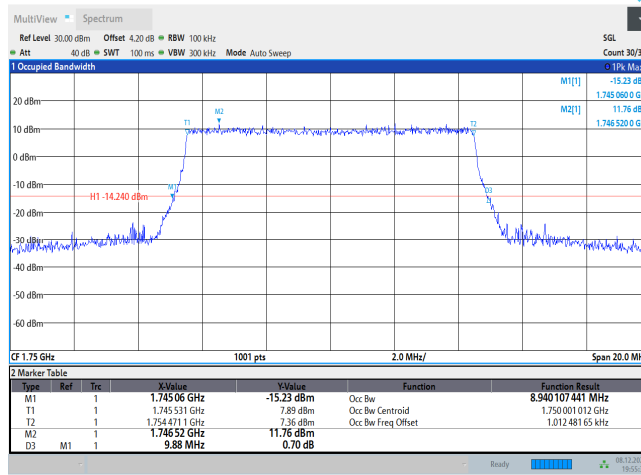


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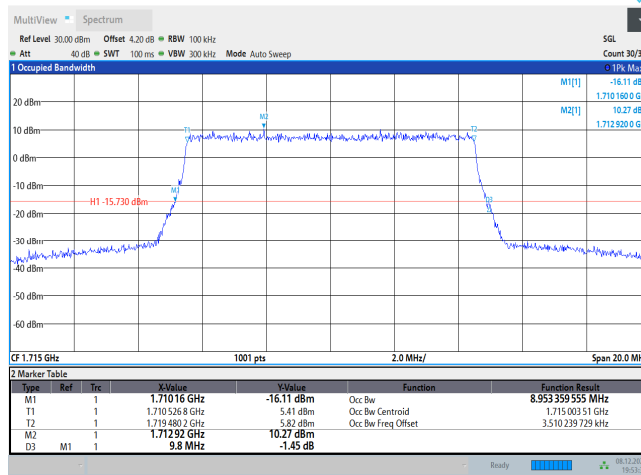
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Band4-10MHz-64QAM-20350-50RB#0



19:55:33 08.12.2022

Band4-10MHz-256QAM-20000-50RB#0



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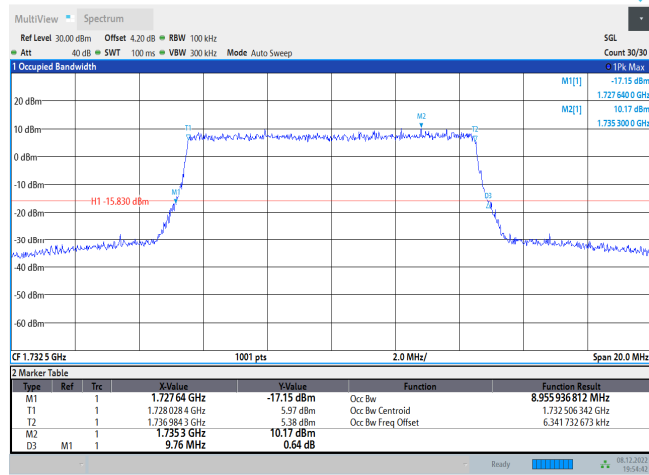


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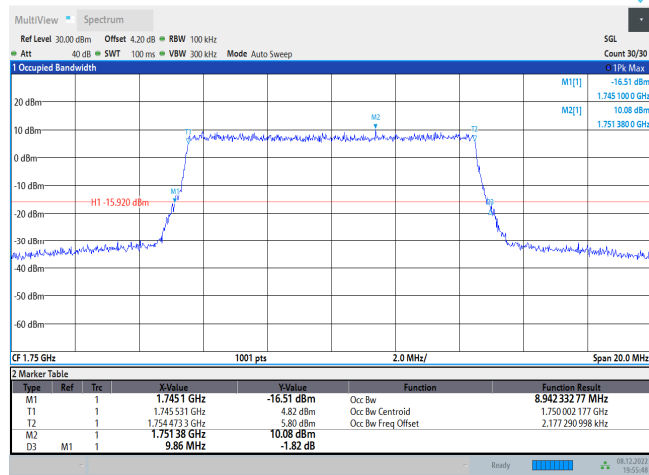
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Band4-10MHz-256QAM-20175-50RB#0



19:54:43 08.12.2022

Band4-10MHz-256QAM-20350-50RB#0



19:55:49 08.12.2022



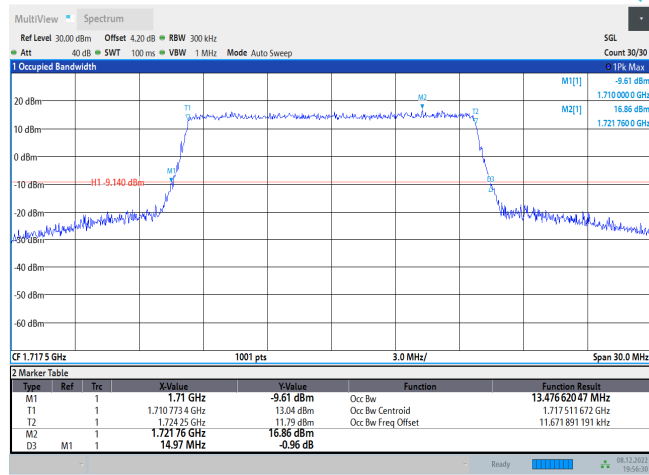
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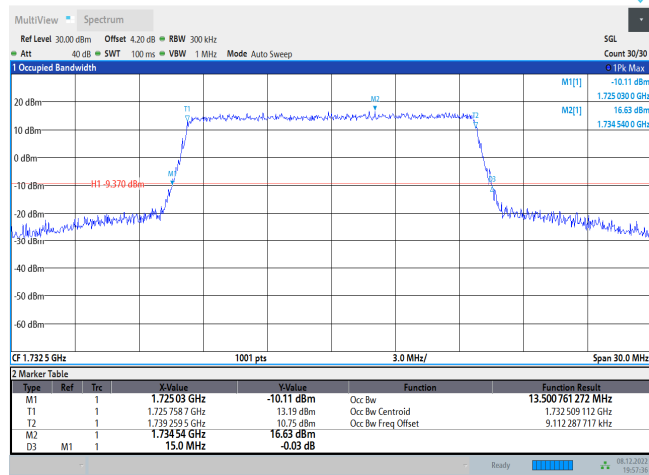
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Band4-15MHz-QPSK-20025-75RB#0



19:56:30 08.12.2022

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



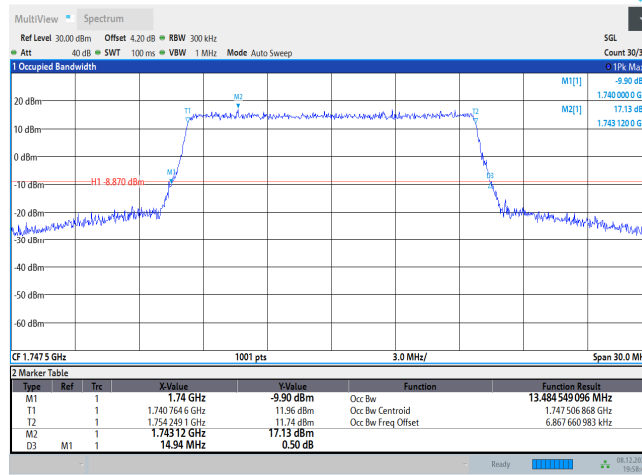
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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

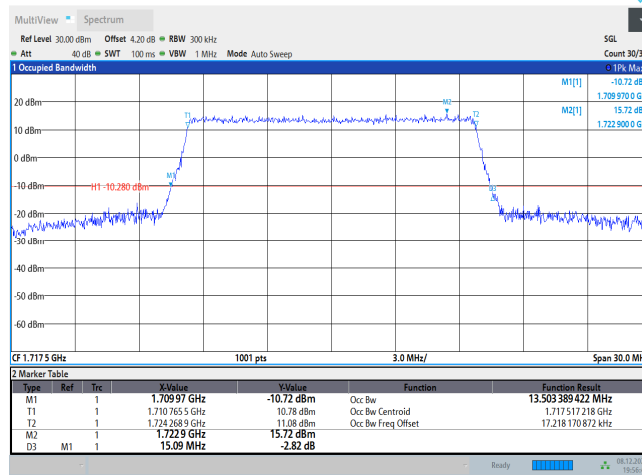
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Band4-15MHz-QPSK-20325-75RB#0



19:58:43 08.12.2022

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



19:56:46 08.12.2022



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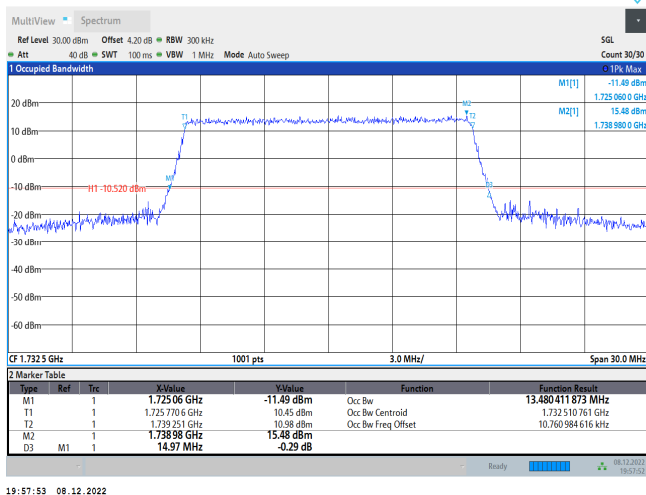
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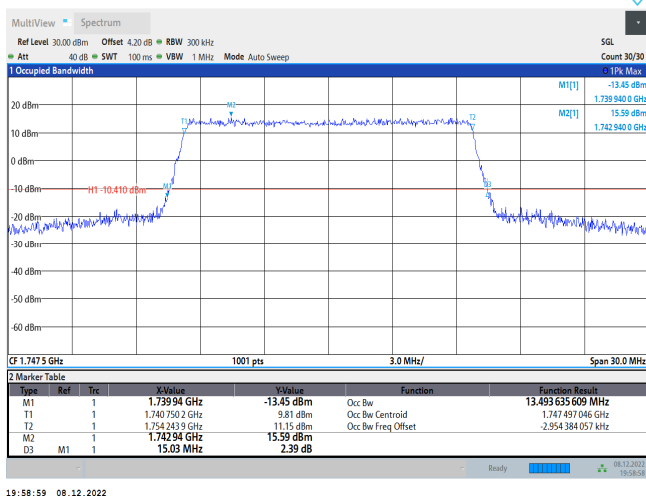
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Band4-15MHz-16QAM-20175-75RB#0



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

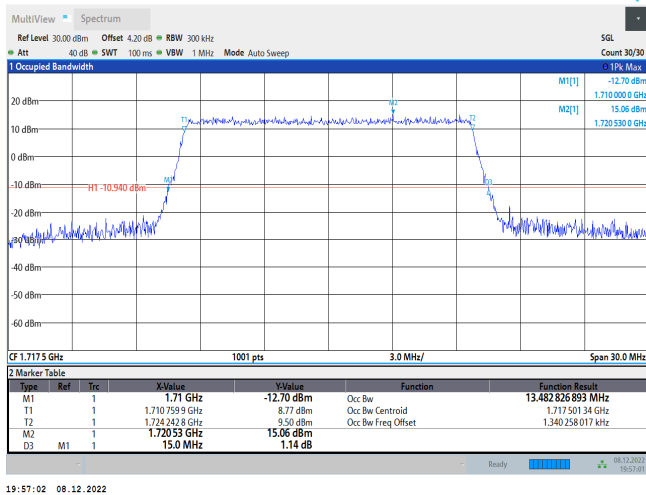


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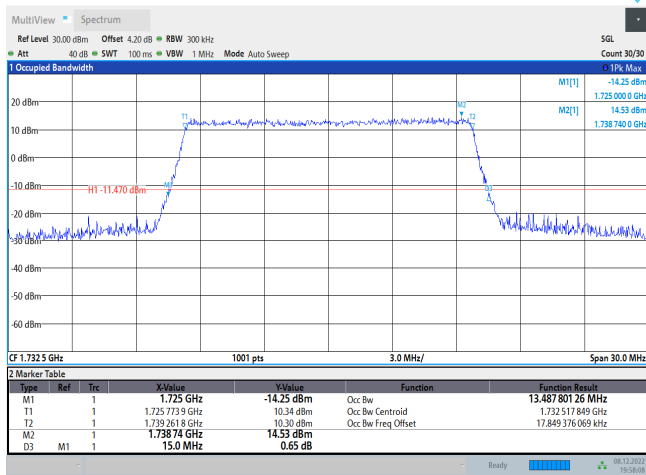
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Band4-15MHz-64QAM-20025-75RB#0



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Band4-15MHz-64QAM-20175-75RB#0

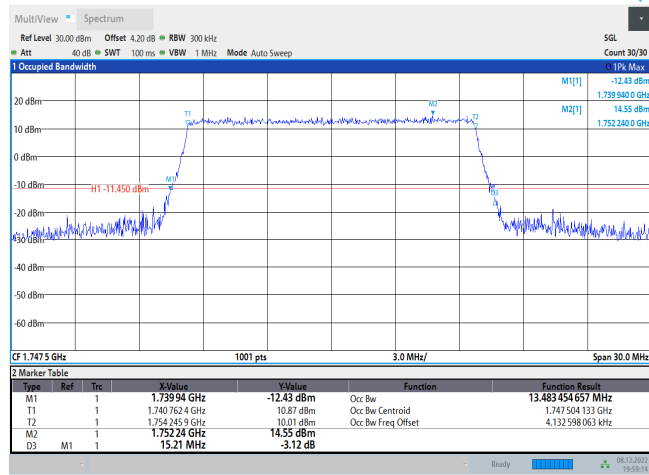


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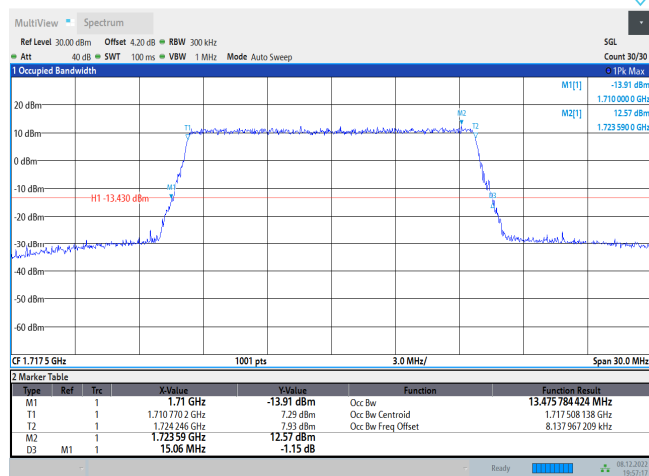
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Band4-15MHz-64QAM-20325-75RB#0



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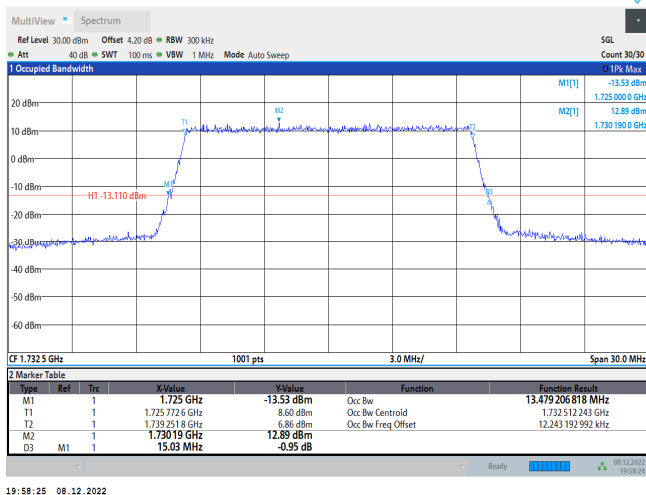


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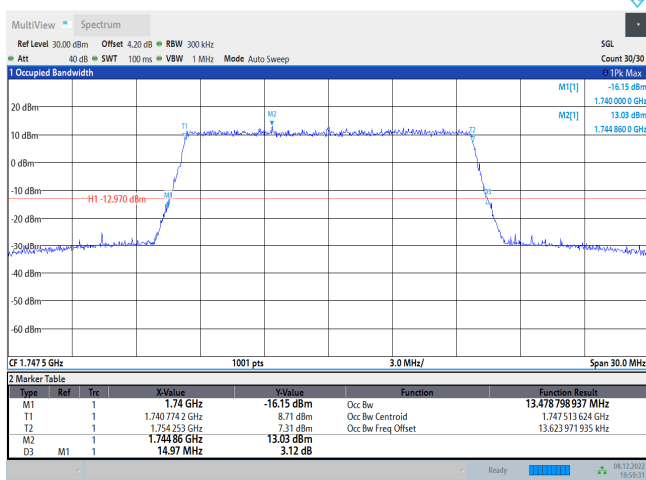
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Band4-15MHz-256QAM-20175-75RB#0



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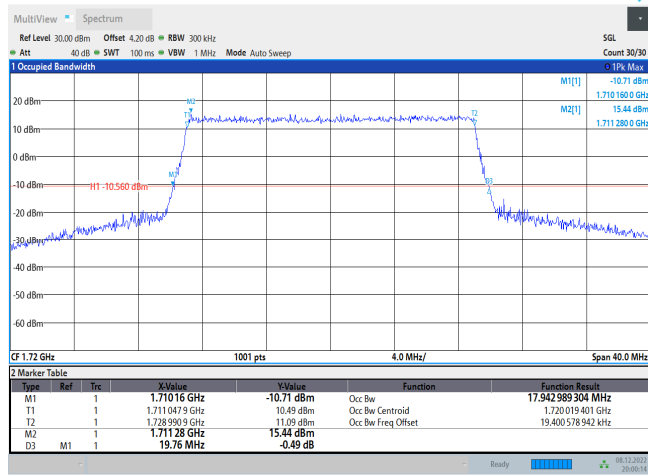


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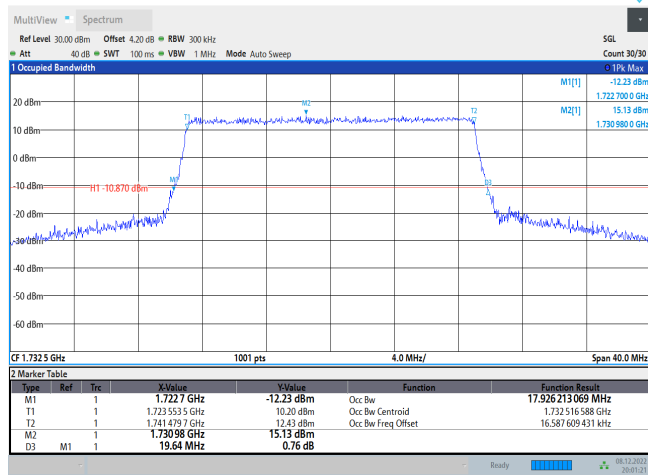
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Band4-20MHz-QPSK-20050-100RB#0



20:00:14 08.12.2022

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



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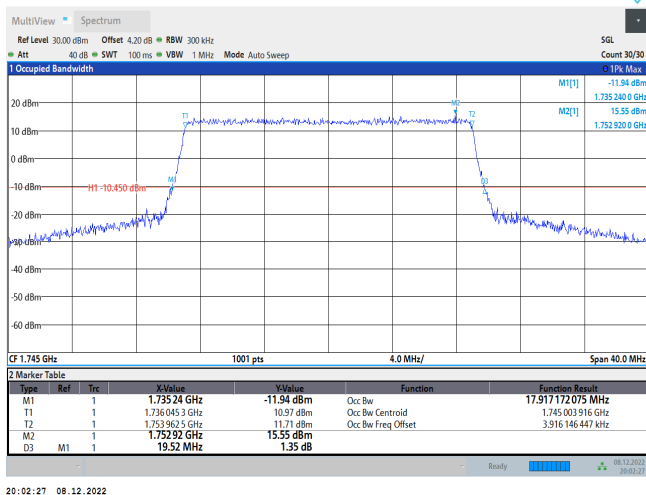


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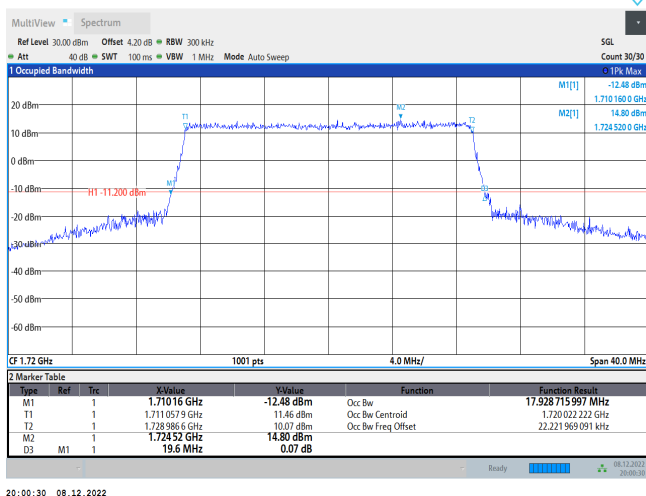
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Band4-20MHz-QPSK-20300-100RB#0

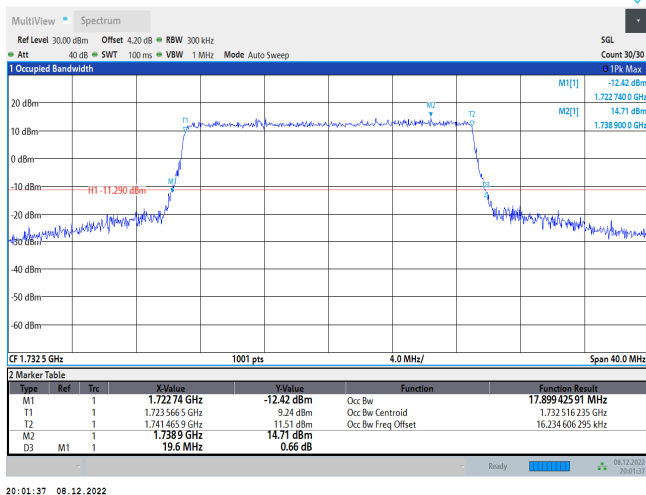


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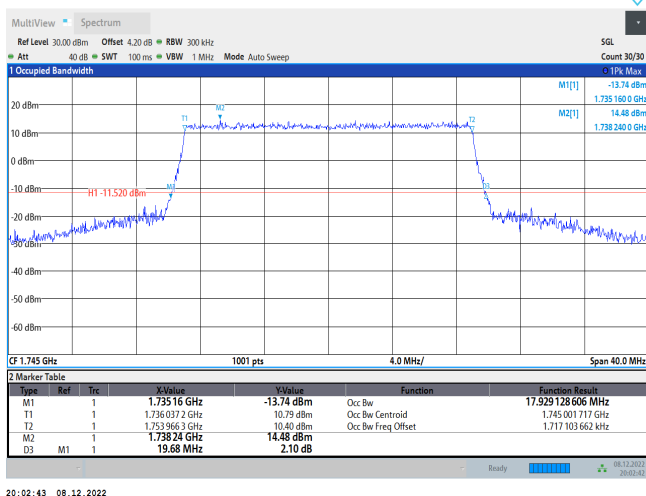
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Band4-20MHz-16QAM-20175-100RB#0



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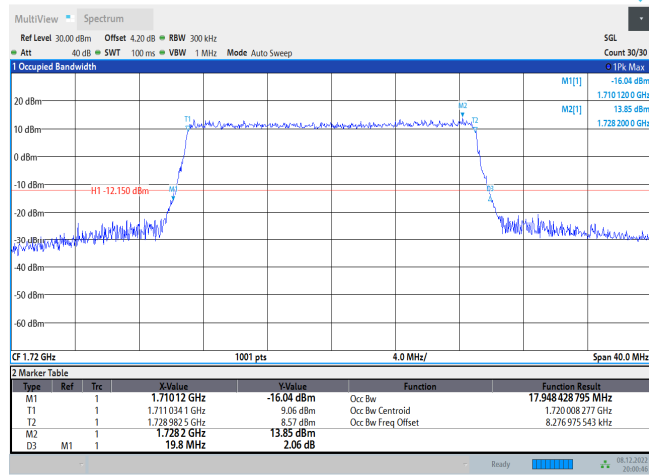


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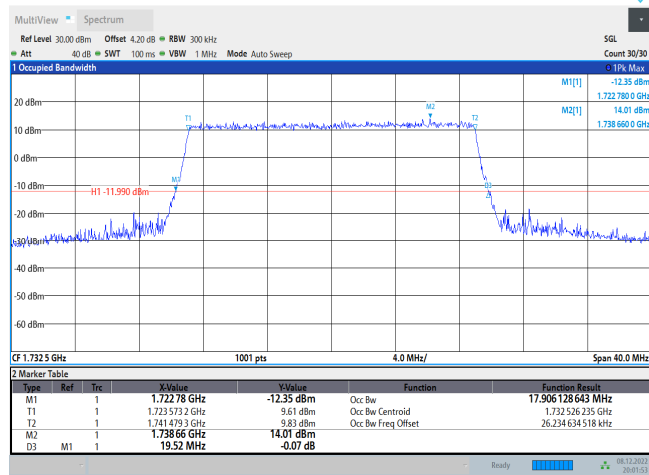
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Band4-20MHz-64QAM-20050-100RB#0



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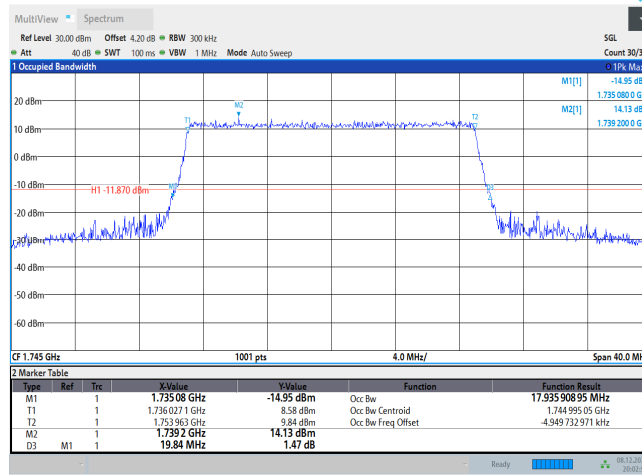


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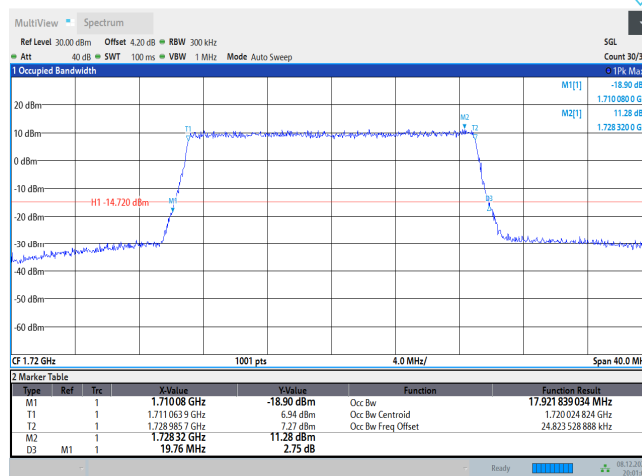
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Band4-20MHz-64QAM-20300-100RB#0



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Band4-20MHz-256QAM-20050-100RB#0



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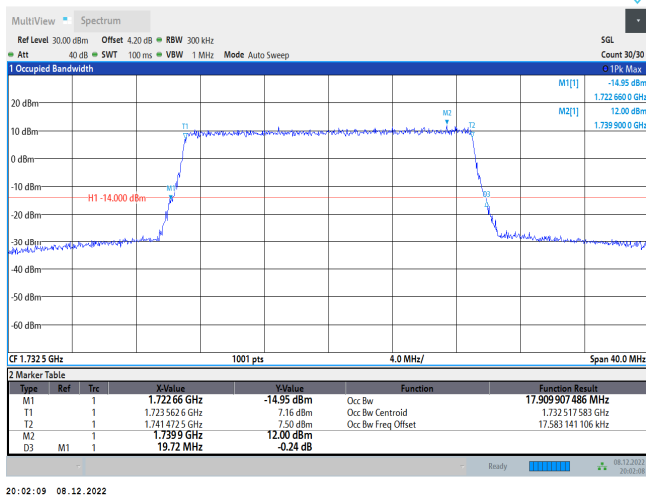


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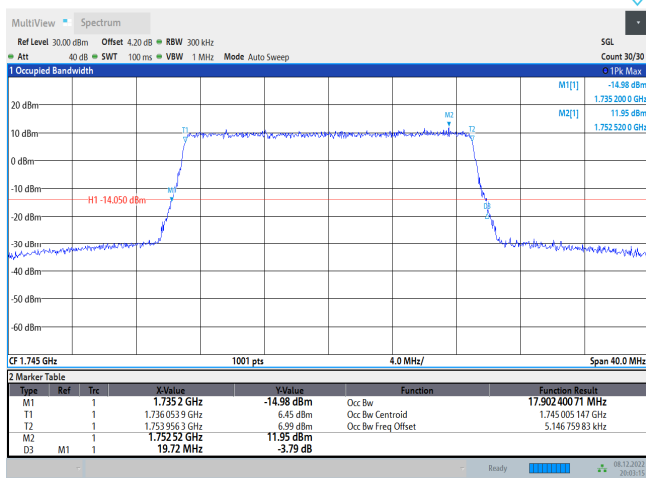
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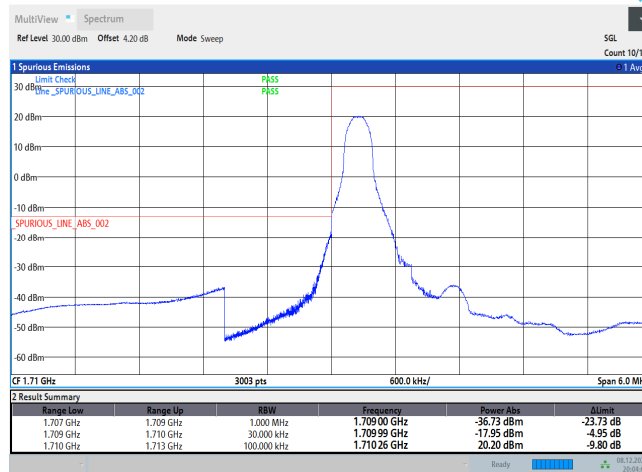


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Band Edge

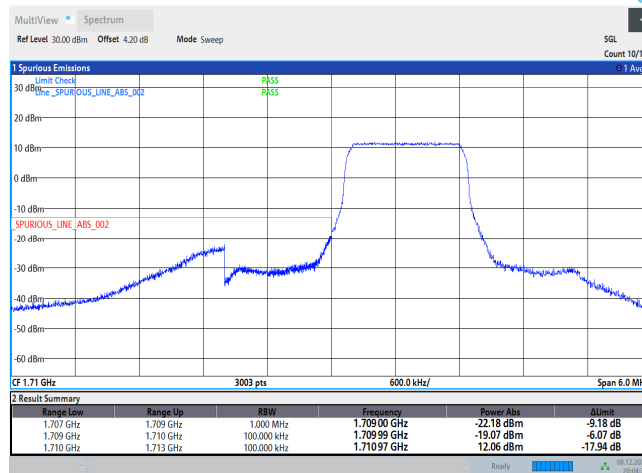
Test Graphs

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



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



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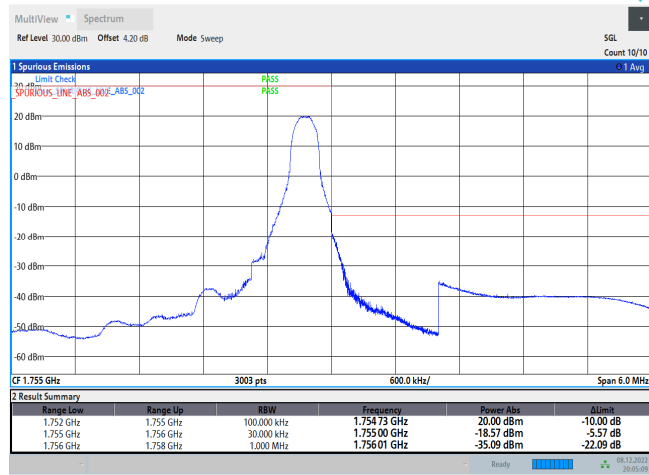
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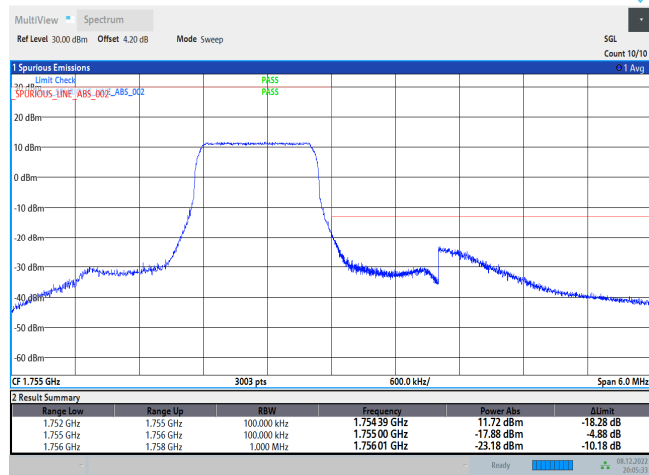
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Band4-1.4MHz-QPSK-20393-1RB#5



20:05:10 08.12.2022

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

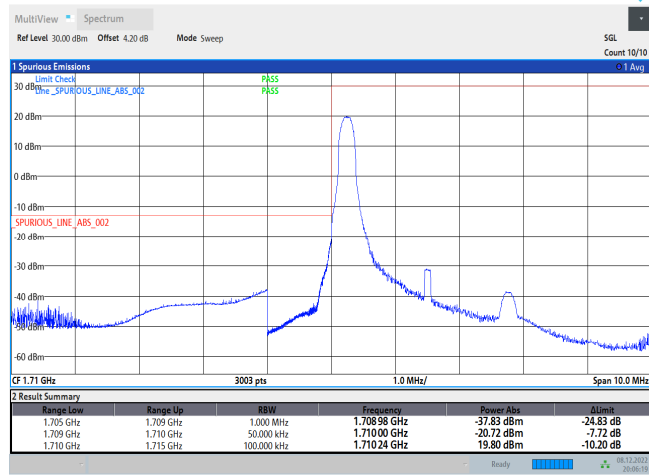


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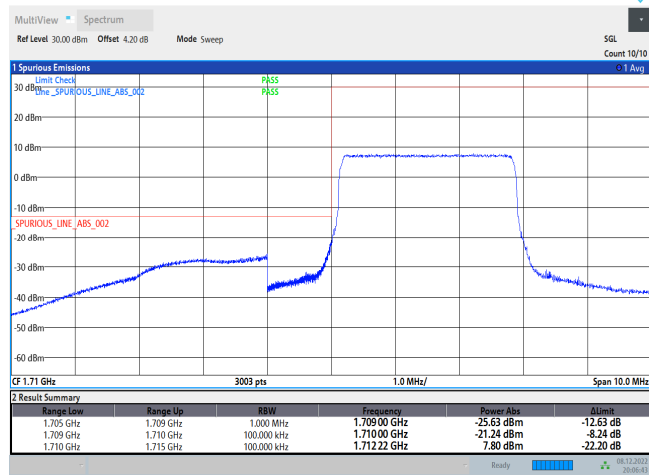
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Band4-3MHz-QPSK-19965-1RB#0



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

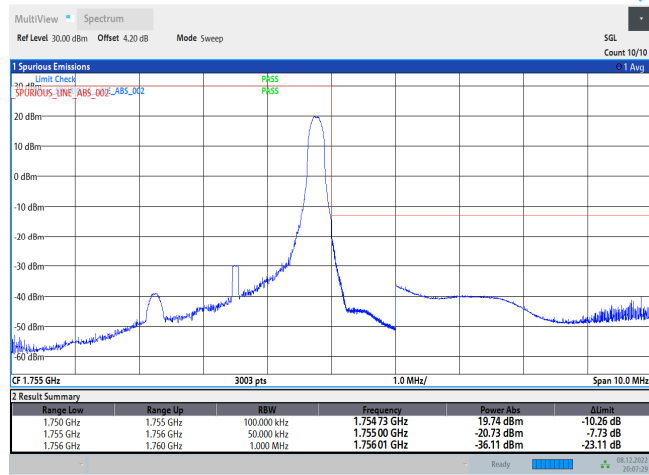


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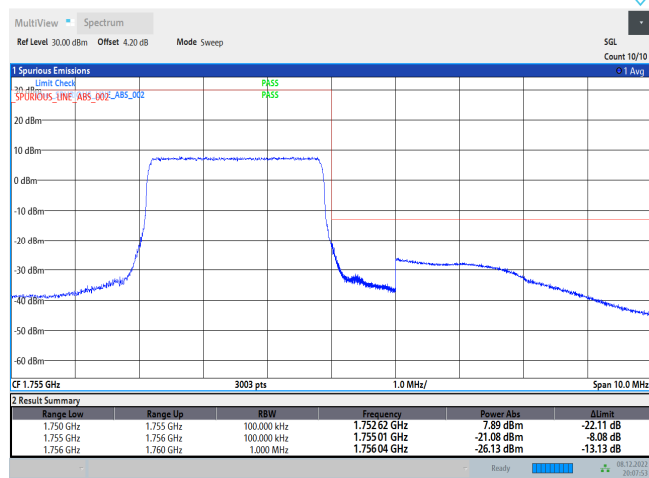
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Band4-3MHz-QPSK-20385-1RB#14



20:07:30 08.12.2022

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



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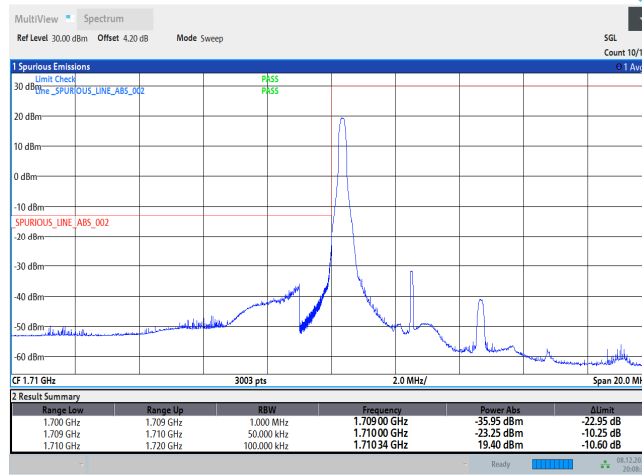


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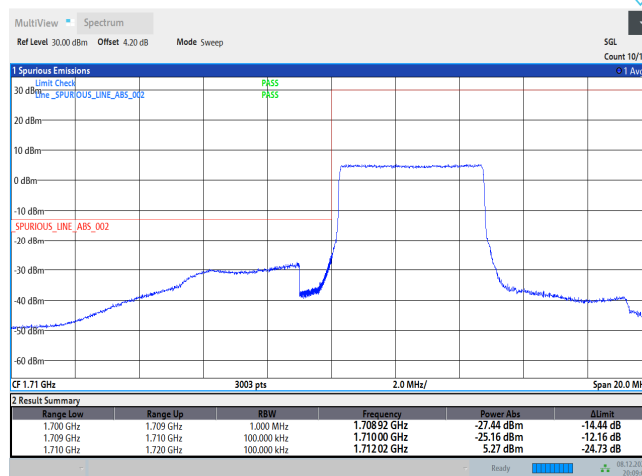
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Band4-5MHz-QPSK-19975-1RB#0



20:08:39 08.12.2022

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



20:09:02 08.12.2022

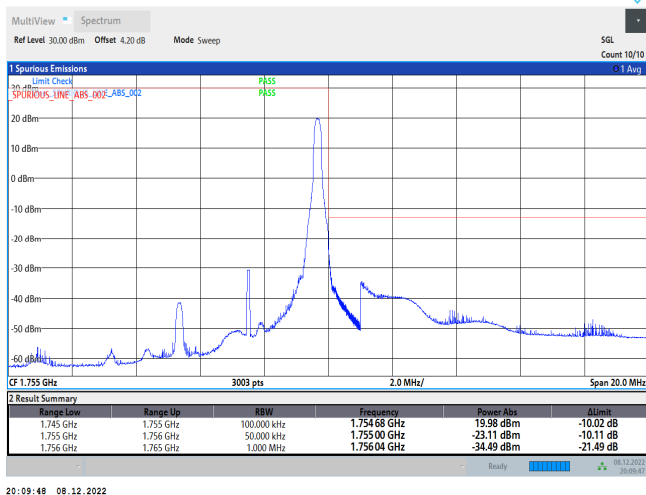


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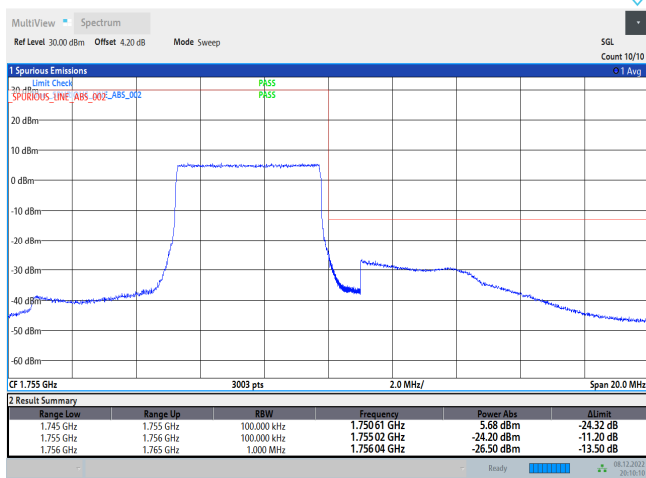
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Band4-5MHz-QPSK-20375-1RB#24



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

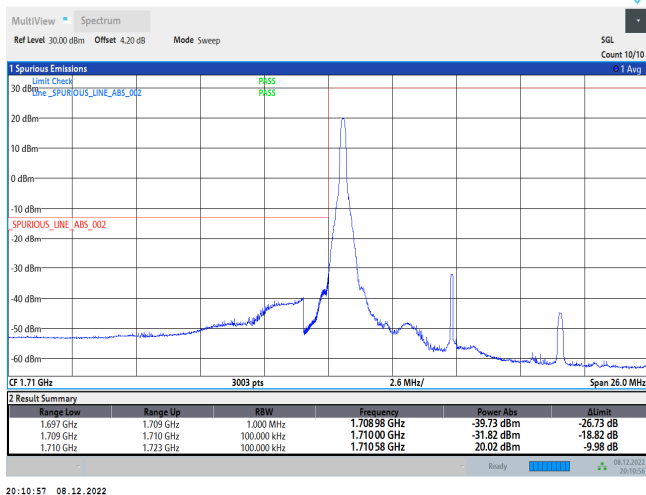


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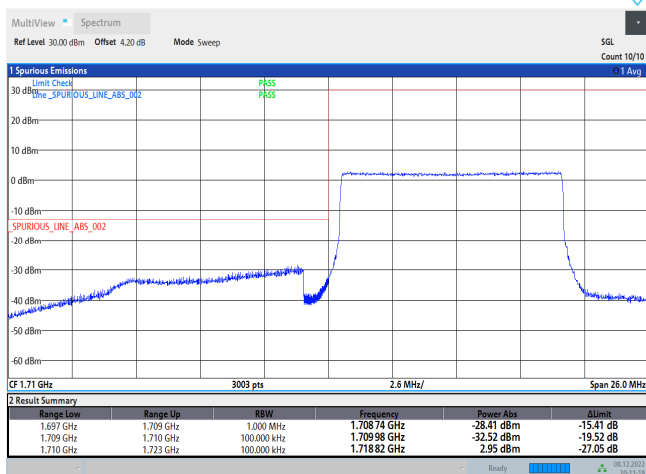
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Band4-10MHz-QPSK-20000-1RB#0



20:10:57 08.12.2022

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

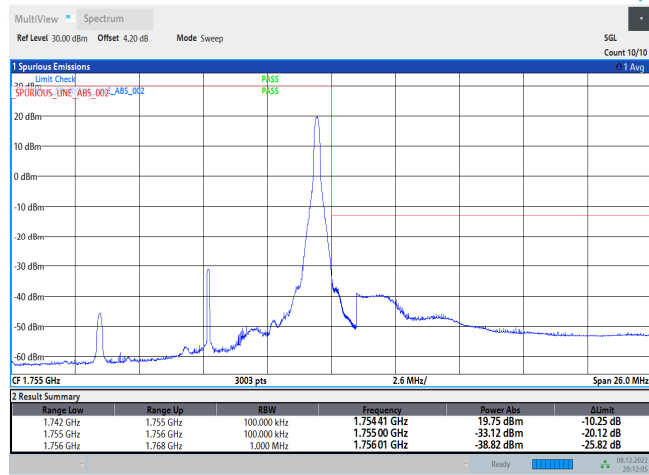


20:11:20 08.12.2022



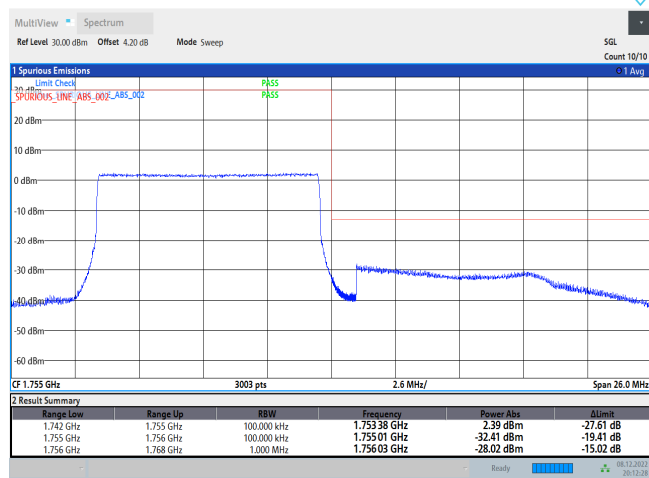
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Band4-10MHz-QPSK-20350-1RB#49



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

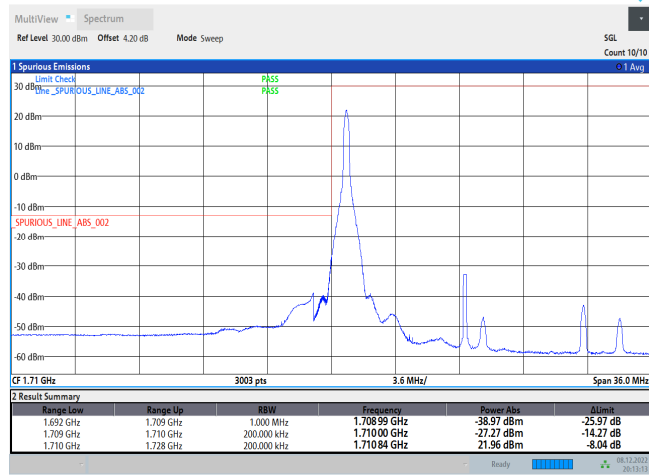


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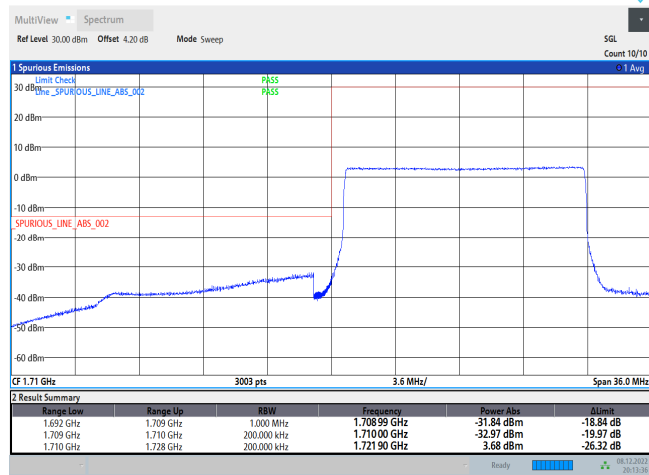
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Band4-15MHz-QPSK-20025-1RB#0



20:13:13 08.12.2022

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



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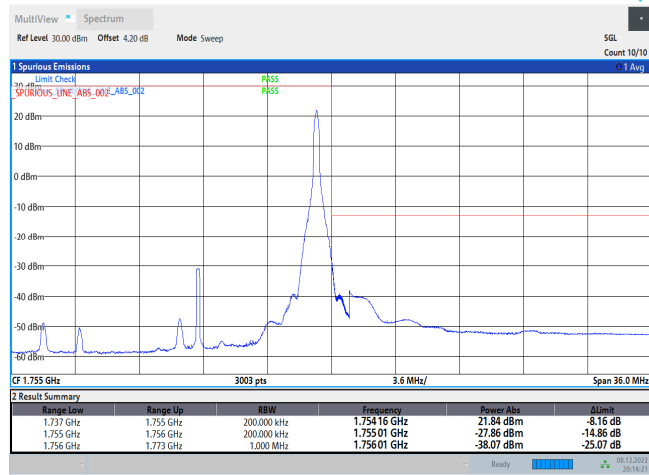


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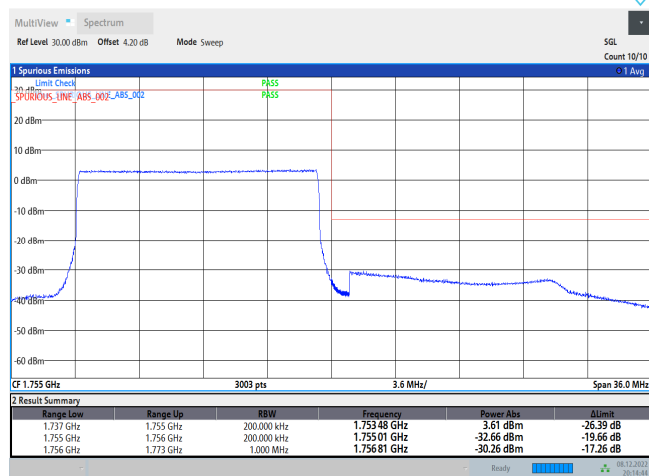
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Band4-15MHz-QPSK-20325-1RB#74



20:14:21 08.12.2022

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



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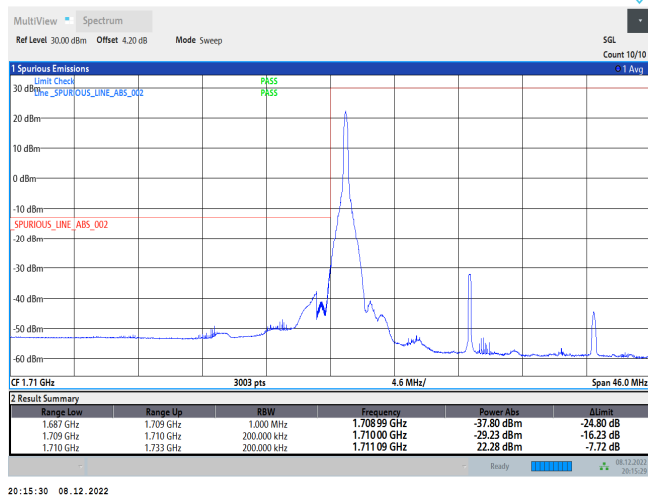


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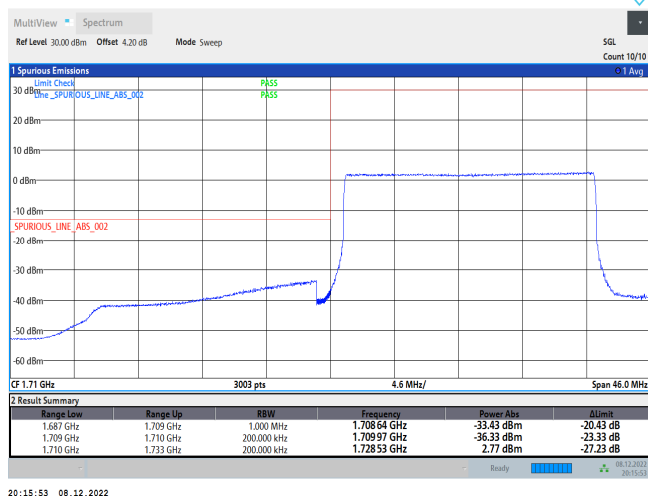
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Band4-20MHz-QPSK-20050-1RB#0

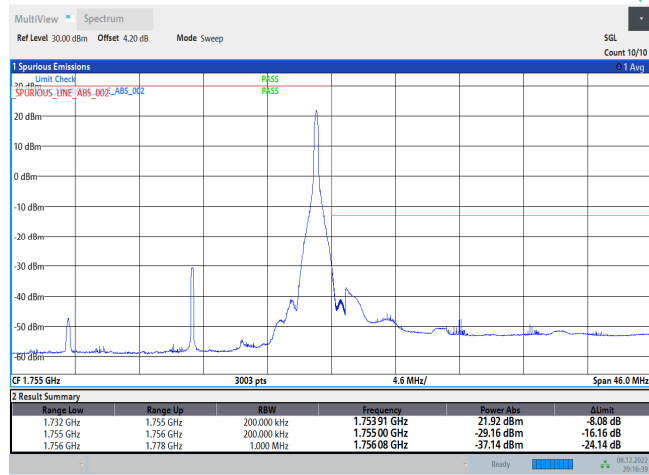


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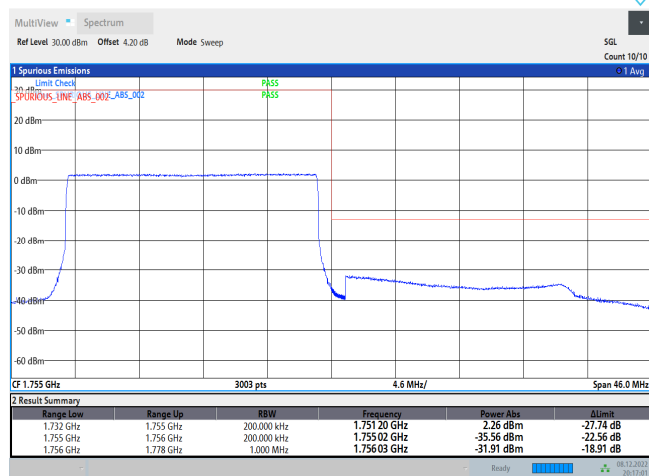
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Band4-20MHz-QPSK-20300-1RB#99



20:16:39 08.12.2022

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



20:17:02 08.12.2022



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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

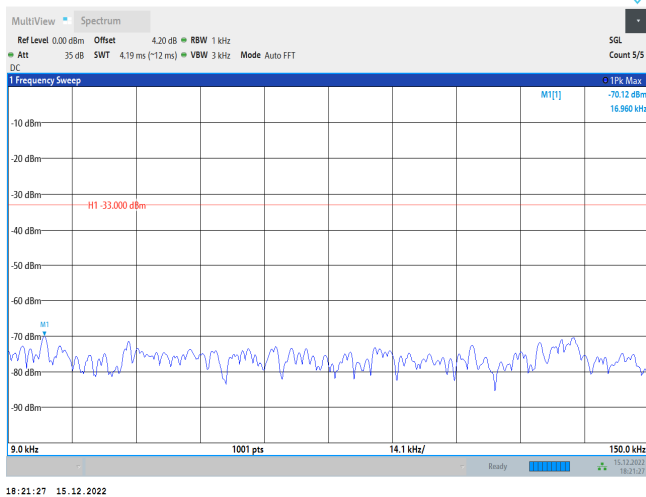
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Conducted Spurious Emission

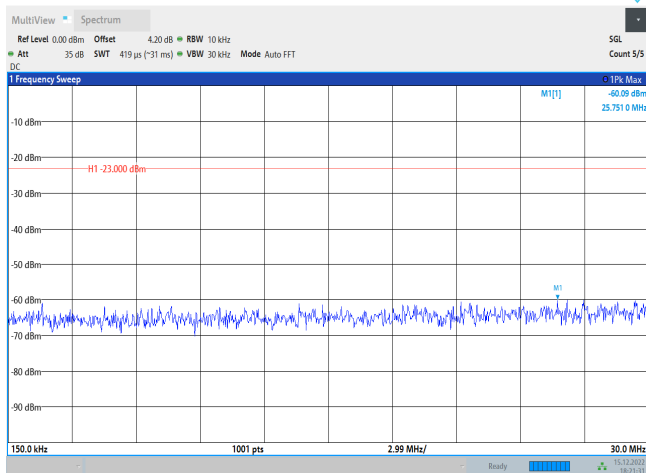
Test Graphs

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



18:21:27 15.12.2022

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

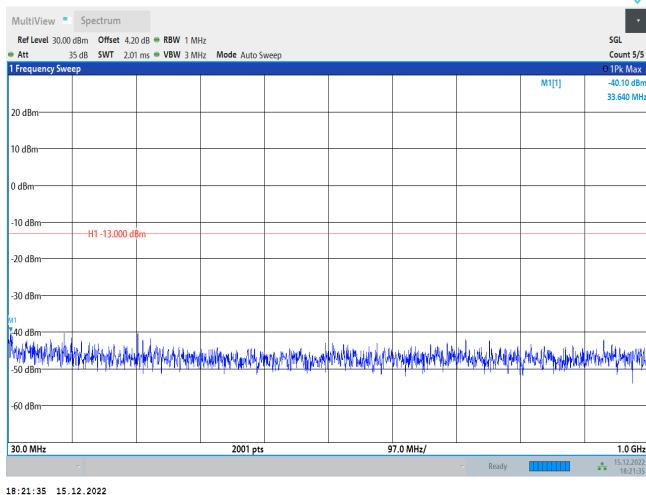


18:21:31 15.12.2022



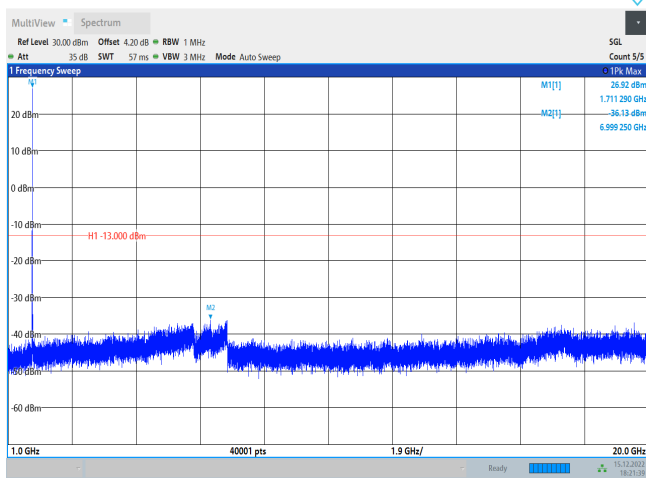
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Band4-20MHz-QPSK-20050-1RB#0-Range3:30~1000MHz



18:21:35 15.12.2022

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

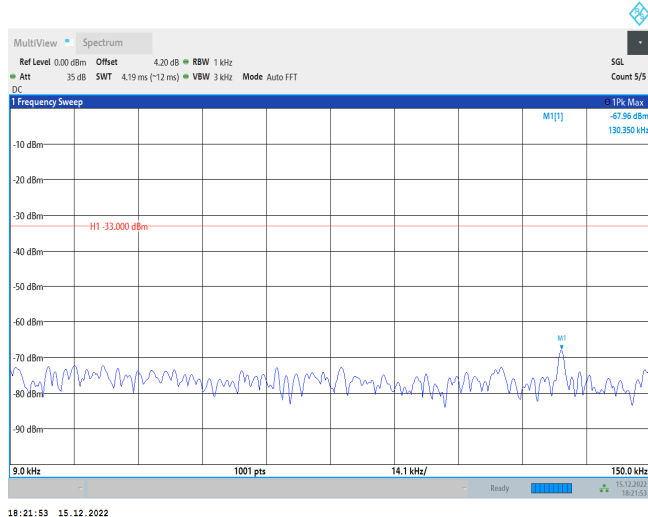


18:21:40 15.12.2022



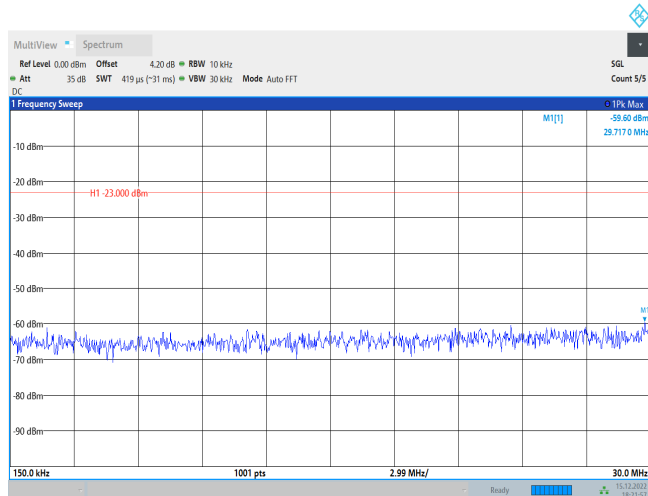
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Band4-20MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz



18:21:53 15.12.2022

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

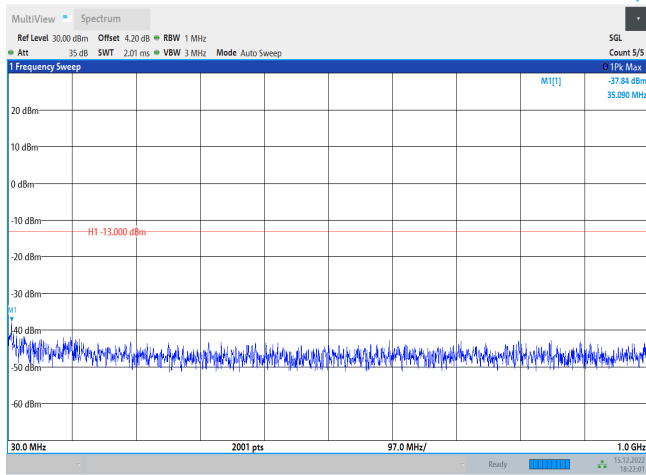


18:21:57 15.12.2022



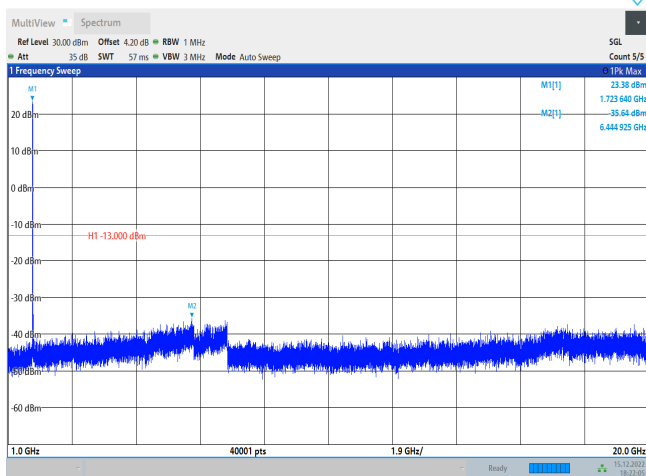
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Band4-20MHz-QPSK-20175-1RB#0-Range3:30~1000MHz



18:22:01 15.12.2022

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

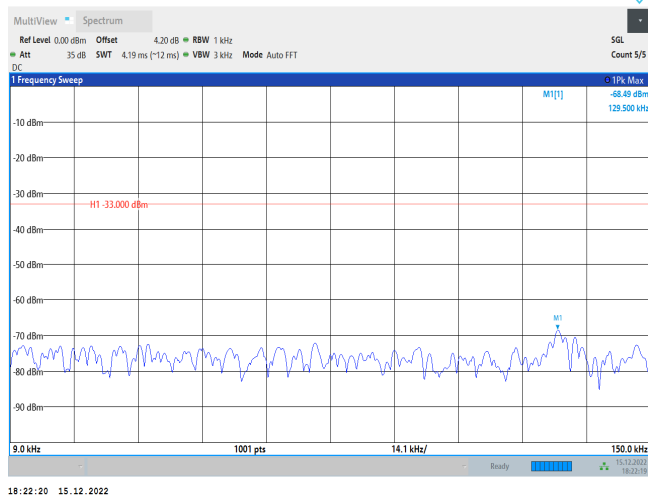


18:22:06 15.12.2022



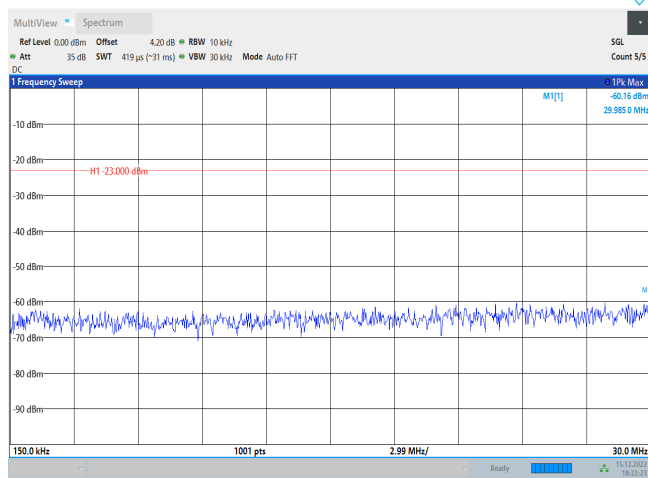
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Band4-20MHz-QPSK-20300-1RB#0-Range1:0.009~0.15MHz



18:22:20 15.12.2022

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

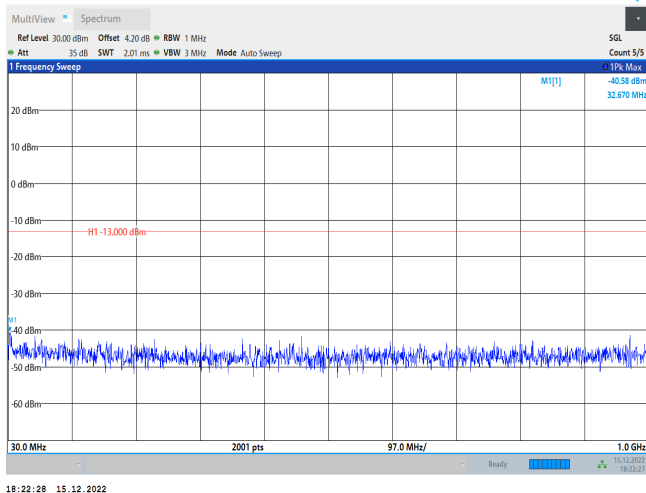


18:22:23 15.12.2022

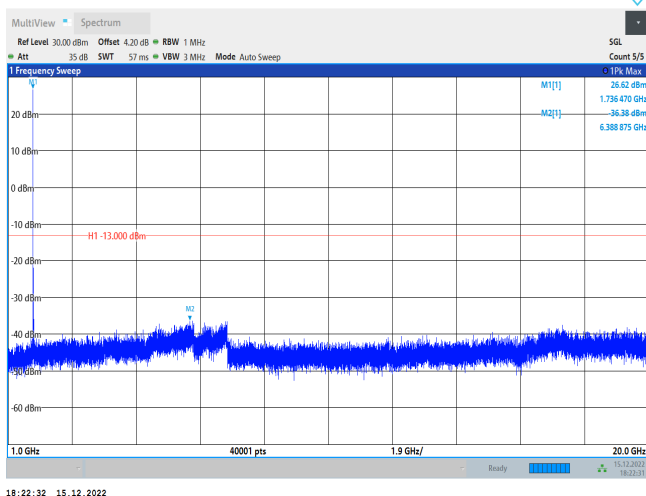


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Band4-20MHz-QPSK-20300-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE Band 4 ANT 0_TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.18	50.50	-45.88	29.43	-61.21	-13.00	48.21	188	26	Horizontal
2	5133.27	40.61	-44.24	32.60	-66.29	-13.00	53.29	213	357	Horizontal
3	6844.36	42.00	-42.50	35.89	-59.87	-13.00	46.87	305	96	Horizontal
4	8555.45	36.04	-39.68	38.11	-60.79	-13.00	47.79	246	357	Horizontal
5	10266.54	33.53	-36.74	38.79	-59.67	-13.00	46.67	163	5	Horizontal
6	11977.63	31.25	-35.32	38.62	-60.70	-13.00	47.70	288	327	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.18	49.14	-45.88	29.43	-62.57	-13.00	49.57	235	92	Vertical
2	5133.27	40.37	-44.24	32.60	-66.53	-13.00	53.53	155	178	Vertical
3	6844.36	40.65	-42.50	35.89	-61.22	-13.00	48.22	189	142	Vertical
4	8555.45	36.67	-39.68	38.11	-60.16	-13.00	47.16	236	0	Vertical
5	10266.54	33.20	-36.74	38.79	-60.00	-13.00	47.00	307	142	Vertical
6	11977.63	31.70	-35.32	38.62	-60.25	-13.00	47.25	186	258	Vertical



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Test Band = LTE Band 4 ANT 0_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447	50.45	-45.82	29.42	-61.21	-13.00	48.21	185	26	Horizontal
2	5170.77	41.03	-44.19	32.60	-65.82	-13.00	52.82	214	129	Horizontal
3	6894.36	40.87	-42.44	35.99	-60.84	-13.00	47.84	236	262	Horizontal
4	8617.95	36.50	-39.74	38.18	-60.32	-13.00	47.32	285	246	Horizontal
5	10341.54	33.66	-36.68	38.88	-59.40	-13.00	46.40	302	94	Horizontal
6	12065.13	31.67	-35.25	38.67	-60.18	-13.00	47.18	195	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447	51.26	-45.82	29.42	-60.40	-13.00	47.40	185	262	Vertical
2	5170.77	42.13	-44.19	32.60	-64.72	-13.00	51.72	235	80	Vertical
3	6894.36	40.33	-42.44	35.99	-61.38	-13.00	48.38	154	345	Vertical
4	8617.95	35.90	-39.74	38.18	-60.92	-13.00	47.92	268	328	Vertical
5	10341.54	33.92	-36.68	38.88	-59.14	-13.00	46.14	306	145	Vertical
6	12065.13	31.98	-35.25	38.67	-59.87	-13.00	46.87	245	262	Vertical



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Test Band = LTE Band 4 ANT 0_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.18	46.02	-45.76	29.41	-65.59	-13.00	52.59	185	259	Horizontal
2	5208.27	40.10	-44.14	32.60	-66.70	-13.00	53.70	215	309	Horizontal
3	6944.36	38.93	-42.50	36.09	-62.74	-13.00	49.74	265	173	Horizontal
4	8680.45	35.51	-39.46	38.25	-60.96	-13.00	47.96	204	0	Horizontal
5	10416.54	31.47	-36.46	38.96	-61.29	-13.00	48.29	165	157	Horizontal
6	12152.63	31.03	-35.22	38.75	-60.70	-13.00	47.70	274	343	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.18	48.43	-45.76	29.41	-63.18	-13.00	50.18	215	111	Vertical
2	5208.27	41.18	-44.14	32.60	-65.62	-13.00	52.62	223	329	Vertical
3	6944.36	38.94	-42.50	36.09	-62.73	-13.00	49.73	185	0	Vertical
4	8680.45	34.86	-39.46	38.25	-61.61	-13.00	48.61	174	313	Vertical
5	10416.54	30.82	-36.46	38.96	-61.94	-13.00	48.94	255	295	Vertical
6	12152.63	31.23	-35.22	38.75	-60.50	-13.00	47.50	302	247	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

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	-0.10	-0.000058	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	0.40	0.000231	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	0.70	0.000404	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	NV	-40	0.90	0.001076	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	0.20	0.000115	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	0.60	0.000346	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-0.60	-0.000346	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	0.60	0.000346	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	0.80	0.000462	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-0.40	-0.000231	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	0.40	0.000231	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	1.00	0.000577	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-0.10	-0.000058	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	60	-1.60	-0.001913	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	75	-0.20	-0.000239	PASS

---End of Attachment---



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