



Report No.: SEWA2304000052RG01

Rev.: 01

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Appendix B.3

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	24.63	26.1	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.7	25.17	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.26	24.73	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.28	23.75	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	24.36	25.83	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	24.84	26.31	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	24.67	26.14	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	23.76	25.23	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	24.52	25.99	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	24.51	25.98	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	24.25	25.72	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.28	24.75	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.52	24.99	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.63	24.1	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.33	23.8	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.37	22.84	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	24.26	25.73	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.8	25.27	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.8	25.27	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	22.86	24.33	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	24.18	25.65	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.55	25.02	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	23.32	24.79	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	22.36	23.83	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	22.36	23.83	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	21.69	23.16	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.32	22.79	30	PASS





Band4	1.4MHz	64QAM	19957	6RB#0	20.39	21.86	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	23.4	24.87	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	22.93	24.4	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	22.95	24.42	30	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	21.97	23.44	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	23.06	24.53	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	22.62	24.09	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	22.39	23.86	30	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	21.38	22.85	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#0	20.18	21.65	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#2	19.68	21.15	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#5	19.3	20.77	30	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	19.4	20.87	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#0	20.25	21.72	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#2	20.39	21.86	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#5	20.48	21.95	30	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	20.25	21.72	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#0	20.23	21.7	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#2	20.25	21.72	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#5	20.26	21.73	30	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	20.23	21.7	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	24.81	26.28	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.51	24.98	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.13	24.6	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.25	23.72	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	24.63	26.1	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	24.86	26.33	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	24.77	26.24	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	23.86	25.33	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	24.41	25.88	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	24.6	26.07	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	24.35	25.82	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	23.35	24.82	30	PASS





Band4	3MHz	16QAM	19965	1RB#0	23.4	24.87	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.52	23.99	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.26	23.73	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.29	22.76	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	24.36	25.83	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	24.01	25.48	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	23.9	25.37	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	22.89	24.36	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	24.21	25.68	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.54	25.01	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.46	24.93	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	22.4	23.87	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	22.25	23.72	30	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.51	22.98	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.2	22.67	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.3	21.77	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	23.31	24.78	30	PASS
Band4	3MHz	64QAM	20175	1RB#8	23.07	24.54	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	23	24.47	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	21.95	23.42	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	23.18	24.65	30	PASS
Band4	3MHz	64QAM	20385	1RB#8	22.63	24.1	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	22.47	23.94	30	PASS
Band4	3MHz	64QAM	20385	15RB#0	21.45	22.92	30	PASS
Band4	3MHz	256QAM	19965	1RB#0	19.95	21.42	30	PASS
Band4	3MHz	256QAM	19965	1RB#8	19.57	21.04	30	PASS
Band4	3MHz	256QAM	19965	1RB#14	19.33	20.8	30	PASS
Band4	3MHz	256QAM	19965	15RB#0	19.37	20.84	30	PASS
Band4	3MHz	256QAM	20175	1RB#0	20.29	21.76	30	PASS
Band4	3MHz	256QAM	20175	1RB#8	20.49	21.96	30	PASS
Band4	3MHz	256QAM	20175	1RB#14	20.23	21.7	30	PASS
Band4	3MHz	256QAM	20175	15RB#0	20.3	21.77	30	PASS
Band4	3MHz	256QAM	20385	1RB#0	20.32	21.79	30	PASS



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Band4	3MHz	256QAM	20385	1RB#8	20,41	21,88	30	PASS
Band4	3MHz	256QAM	20385	1RB#14	20,25	21,72	30	PASS
Band4	3MHz	256QAM	20385	15RB#0	20,26	21,73	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	24,98	26,45	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	23,44	24,91	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	23,2	24,67	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22,21	23,68	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	24,21	25,68	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	24,96	26,43	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	24,95	26,42	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	23,91	25,38	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	24,52	25,99	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	24,71	26,18	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	24,55	26,02	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	23,37	24,84	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	23,58	25,05	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	22,47	23,94	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22,36	23,83	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21,26	22,73	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	24,35	25,82	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	24,07	25,54	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	24,12	25,59	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	22,94	24,41	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	24,26	25,73	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	23,75	25,22	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	23,65	25,12	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	22,42	23,89	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	22,41	23,88	30	PASS
Band4	5MHz	64QAM	19975	1RB#12	21,51	22,98	30	PASS
Band4	5MHz	64QAM	19975	1RB#24	21,27	22,74	30	PASS
Band4	5MHz	64QAM	19975	25RB#0	20,3	21,77	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	23,54	25,01	30	PASS
Band4	5MHz	64QAM	20175	1RB#12	23,1	24,57	30	PASS





Band4	5MHz	64QAM	20175	1RB#24	23.23	24.7	30	PASS
Band4	5MHz	64QAM	20175	25RB#0	22	23.47	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	23.28	24.75	30	PASS
Band4	5MHz	64QAM	20375	1RB#12	22.73	24.2	30	PASS
Band4	5MHz	64QAM	20375	1RB#24	22.68	24.15	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	21.47	22.94	30	PASS
Band4	5MHz	256QAM	19975	1RB#0	20.21	21.68	30	PASS
Band4	5MHz	256QAM	19975	1RB#12	19.56	21.03	30	PASS
Band4	5MHz	256QAM	19975	1RB#24	19.41	20.88	30	PASS
Band4	5MHz	256QAM	19975	25RB#0	19.32	20.79	30	PASS
Band4	5MHz	256QAM	20175	1RB#0	20.38	21.85	30	PASS
Band4	5MHz	256QAM	20175	1RB#12	20.36	21.83	30	PASS
Band4	5MHz	256QAM	20175	1RB#24	20.6	22.07	30	PASS
Band4	5MHz	256QAM	20175	25RB#0	20.27	21.74	30	PASS
Band4	5MHz	256QAM	20375	1RB#0	20.27	21.74	30	PASS
Band4	5MHz	256QAM	20375	1RB#12	20.3	21.77	30	PASS
Band4	5MHz	256QAM	20375	1RB#24	20.17	21.64	30	PASS
Band4	5MHz	256QAM	20375	25RB#0	20.31	21.78	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.54	26.01	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.42	24.89	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.47	24.94	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.32	23.79	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.15	25.62	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	24.77	26.24	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	24.63	26.1	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	23.94	25.41	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	24.36	25.83	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	24.86	26.33	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	24.78	26.25	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.58	25.05	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.66	25.13	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.45	23.92	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.57	24.04	30	PASS



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Band4	10MHz	16QAM	20000	50RB#0	21,36	22,83	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	24,41	25,88	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	23,88	25,35	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	24,22	25,69	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	23	24,47	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	24,17	25,64	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	23,75	25,22	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	23,84	25,31	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	22,62	24,09	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	22,46	23,93	30	PASS
Band4	10MHz	64QAM	20000	1RB#24	21,3	22,77	30	PASS
Band4	10MHz	64QAM	20000	1RB#49	21,61	23,08	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	20,4	21,87	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	23,23	24,7	30	PASS
Band4	10MHz	64QAM	20175	1RB#24	22,96	24,43	30	PASS
Band4	10MHz	64QAM	20175	1RB#49	23,39	24,86	30	PASS
Band4	10MHz	64QAM	20175	50RB#0	22,06	23,53	30	PASS
Band4	10MHz	64QAM	20350	1RB#0	23,39	24,86	30	PASS
Band4	10MHz	64QAM	20350	1RB#24	22,78	24,25	30	PASS
Band4	10MHz	64QAM	20350	1RB#49	22,96	24,43	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	21,66	23,13	30	PASS
Band4	10MHz	256QAM	20000	1RB#0	20,26	21,73	30	PASS
Band4	10MHz	256QAM	20000	1RB#24	19,42	20,89	30	PASS
Band4	10MHz	256QAM	20000	1RB#49	19,7	21,17	30	PASS
Band4	10MHz	256QAM	20000	50RB#0	19,44	20,91	30	PASS
Band4	10MHz	256QAM	20175	1RB#0	20,33	21,8	30	PASS
Band4	10MHz	256QAM	20175	1RB#24	20,49	21,96	30	PASS
Band4	10MHz	256QAM	20175	1RB#49	20,21	21,68	30	PASS
Band4	10MHz	256QAM	20175	50RB#0	20,39	21,86	30	PASS
Band4	10MHz	256QAM	20350	1RB#0	20,24	21,71	30	PASS
Band4	10MHz	256QAM	20350	1RB#24	20,41	21,88	30	PASS
Band4	10MHz	256QAM	20350	1RB#49	20,44	21,91	30	PASS
Band4	10MHz	256QAM	20350	50RB#0	20,42	21,89	30	PASS



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Band4	15MHz	QPSK	20025	1RB#0	24.9	26.37	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.45	24.92	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.73	25.2	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.31	23.78	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	24.41	25.88	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	24.71	26.18	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	24.93	26.4	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	23.8	25.27	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	24.63	26.1	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	24.9	26.37	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	24.61	26.08	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.54	25.01	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.6	25.07	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.43	23.9	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.74	24.21	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.37	22.84	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	24.15	25.62	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.76	25.23	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	24.08	25.55	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	22.84	24.31	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	24.09	25.56	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.8	25.27	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.6	25.07	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	22.57	24.04	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	22.33	23.8	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.41	22.88	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.83	23.3	30	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.42	21.89	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	22.79	24.26	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	22.84	24.31	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	23.19	24.66	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	21.89	23.36	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	23.53	25	30	PASS





Band4	15MHz	64QAM	20325	1RB#38	22,87	24,34	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	22,65	24,12	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	21,62	23,09	30	PASS
Band4	15MHz	256QAM	20025	1RB#0	20,12	21,59	30	PASS
Band4	15MHz	256QAM	20025	1RB#38	19,38	20,85	30	PASS
Band4	15MHz	256QAM	20025	1RB#74	20,01	21,48	30	PASS
Band4	15MHz	256QAM	20025	75RB#0	19,44	20,91	30	PASS
Band4	15MHz	256QAM	20175	1RB#0	20,34	21,81	30	PASS
Band4	15MHz	256QAM	20175	1RB#38	20,66	22,13	30	PASS
Band4	15MHz	256QAM	20175	1RB#74	20,69	22,16	30	PASS
Band4	15MHz	256QAM	20175	75RB#0	20,12	21,59	30	PASS
Band4	15MHz	256QAM	20325	1RB#0	19,9	21,37	30	PASS
Band4	15MHz	256QAM	20325	1RB#38	20,35	21,82	30	PASS
Band4	15MHz	256QAM	20325	1RB#74	20,1	21,57	30	PASS
Band4	15MHz	256QAM	20325	75RB#0	20,08	21,55	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	24,92	26,39	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23,52	24,99	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	24,21	25,68	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22,56	24,03	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	24,41	25,88	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	24,69	26,16	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	24,8	26,27	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	23,74	25,21	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	24,16	25,63	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	24,57	26,04	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	24,69	26,16	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	23,66	25,13	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	23,49	24,96	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22,52	23,99	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	23,32	24,79	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	21,57	23,04	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	23,94	25,41	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	23,74	25,21	30	PASS





Band4	20MHz	16QAM	20175	1RB#99	24	25,47	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	22,76	24,23	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	24,36	25,83	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	24,15	25,62	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	23,75	25,22	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	22,71	24,18	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	22,33	23,8	30	PASS
Band4	20MHz	64QAM	20050	1RB#49	21,62	23,09	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	22,38	23,85	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	20,62	22,09	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	22,58	24,05	30	PASS
Band4	20MHz	64QAM	20175	1RB#49	22,91	24,38	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	23,1	24,57	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	21,82	23,29	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	23,45	24,92	30	PASS
Band4	20MHz	64QAM	20300	1RB#49	23,05	24,52	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	22,87	24,34	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	21,8	23,27	30	PASS
Band4	20MHz	256QAM	20050	1RB#0	19,86	21,33	30	PASS
Band4	20MHz	256QAM	20050	1RB#49	19,48	20,95	30	PASS
Band4	20MHz	256QAM	20050	1RB#99	20,26	21,73	30	PASS
Band4	20MHz	256QAM	20050	100RB#0	19,66	21,13	30	PASS
Band4	20MHz	256QAM	20175	1RB#0	20,36	21,83	30	PASS
Band4	20MHz	256QAM	20175	1RB#49	20,32	21,79	30	PASS
Band4	20MHz	256QAM	20175	1RB#99	20,36	21,83	30	PASS
Band4	20MHz	256QAM	20175	100RB#0	20,25	21,72	30	PASS
Band4	20MHz	256QAM	20300	1RB#0	19,99	21,46	30	PASS
Band4	20MHz	256QAM	20300	1RB#49	20,45	21,92	30	PASS
Band4	20MHz	256QAM	20300	1RB#99	20,3	21,77	30	PASS
Band4	20MHz	256QAM	20300	100RB#0	20,21	21,68	30	PASS





Peak-to-Average Ratio(CCDF)

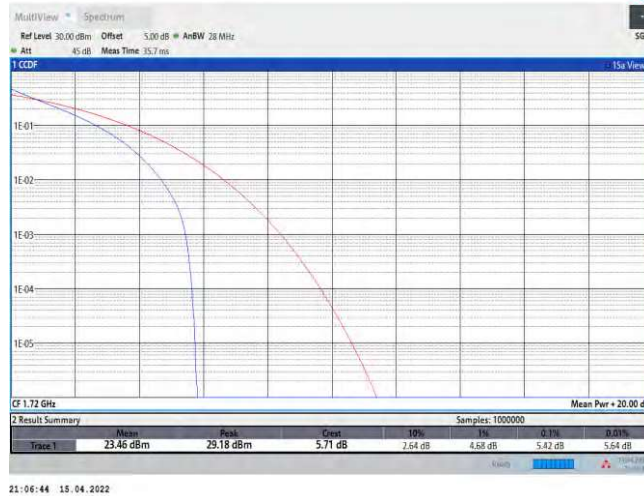
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.42	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.22	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.34	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.36	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.94	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.94	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.90	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.54	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.46	13	PASS
Band4	20MHz	256QAM	20050	100RB#0	7.20	13	PASS
Band4	20MHz	256QAM	20175	100RB#0	7.08	13	PASS
Band4	20MHz	256QAM	20300	100RB#0	7.12	13	PASS

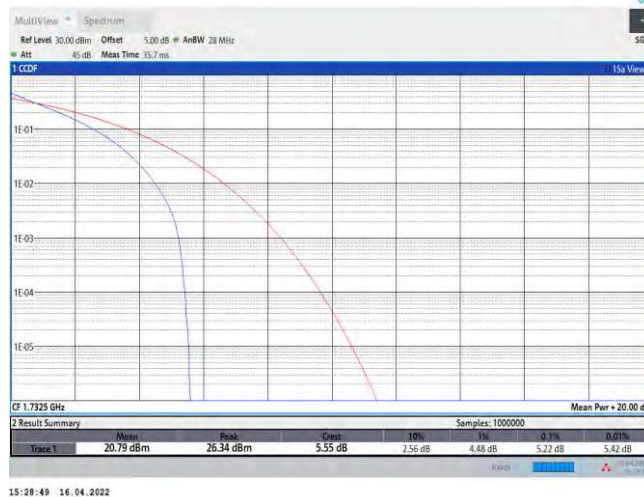


Test Graphs

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



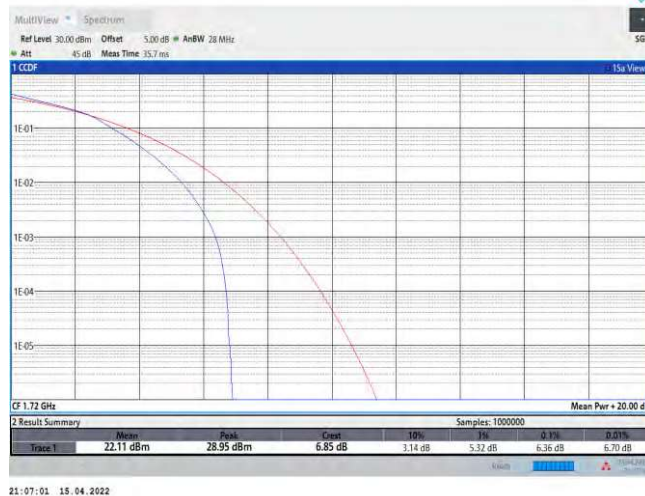
Band4-20MHz-QPSK-20175-100RB#0



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

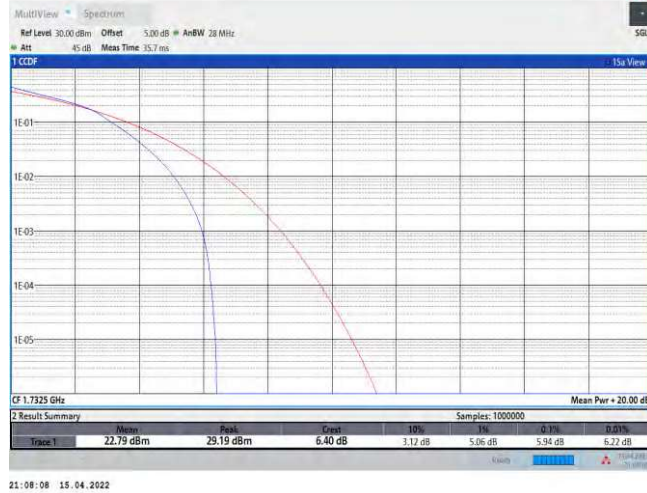


Band4-20MHz-16QAM-20050-100RB#0



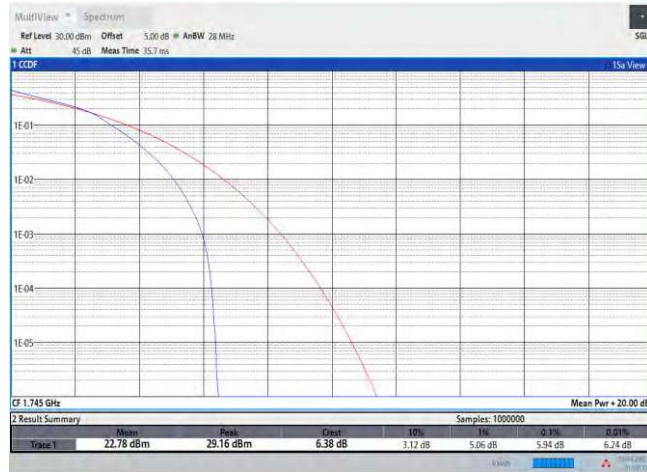


Band4-20MHz-16QAM-20175-100RB#0



21:08:08 15.04.2022

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



21:09:18 15.04.2022

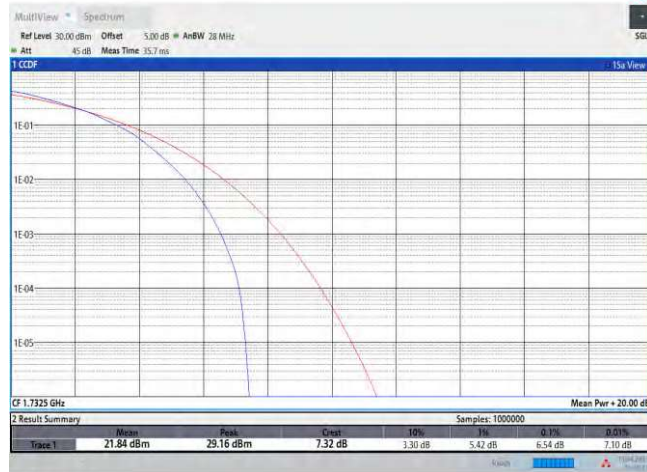


Band4-20MHz-64QAM-20050-100RB#0



21:07:17 15.04.2022

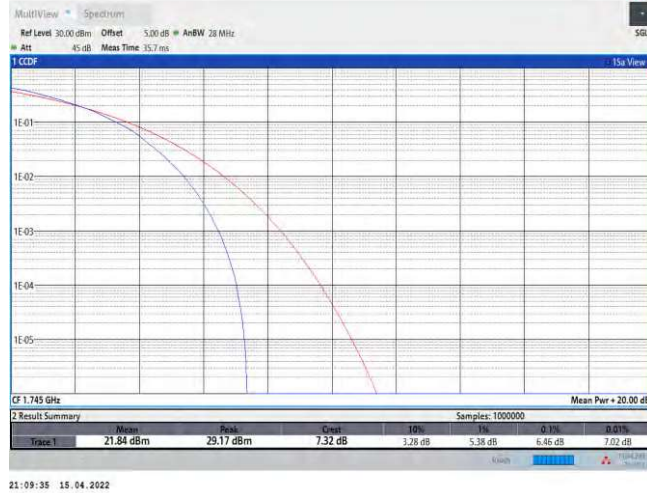
Band4-20MHz-64QAM-20175-100RB#0



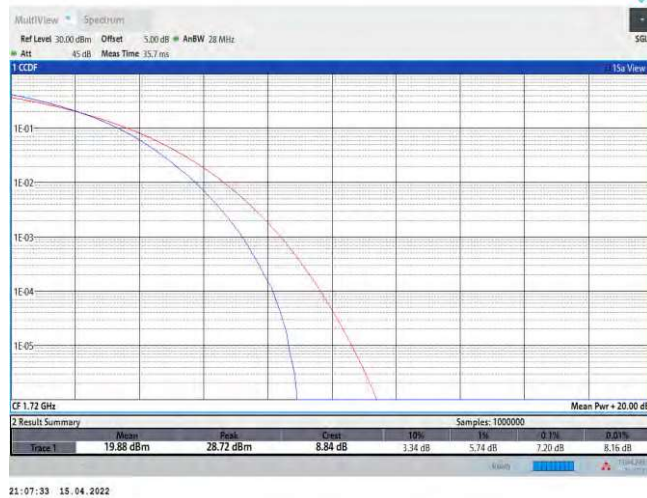
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Band4-20MHz-64QAM-20300-100RB#0



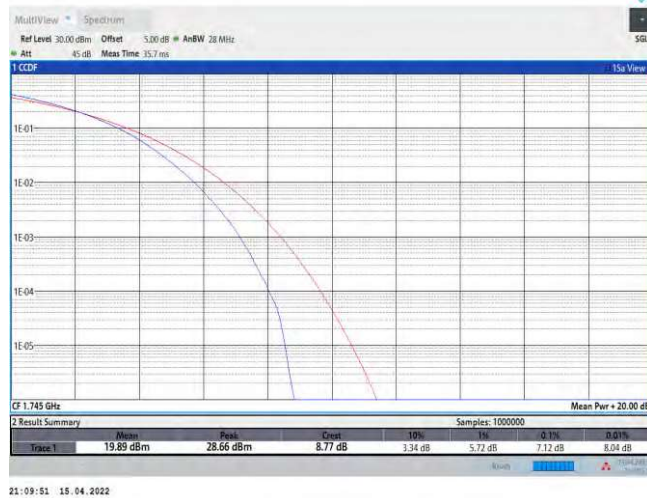
Band4-20MHz-256QAM-20050-100RB#0



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



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





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Modulation Characteristics

Test Result

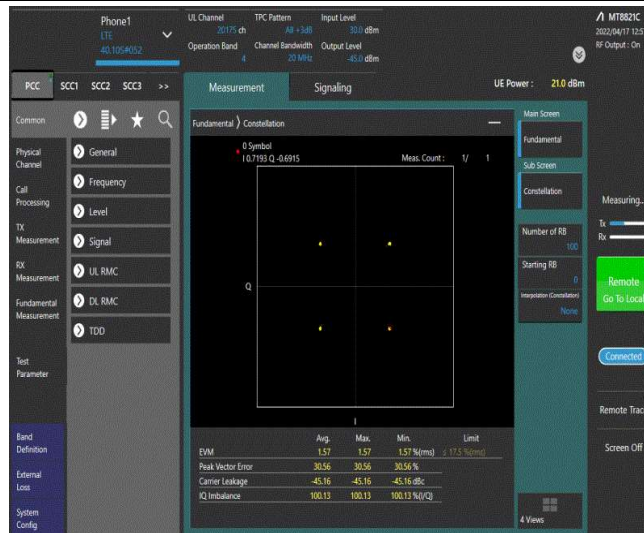
Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band4	20MHz	QPSK	20175	100RB#0	PASS	PASS
Band4	20MHz	16QAM	20175	100RB#0	PASS	PASS
Band4	20MHz	64QAM	20175	100RB#0	PASS	PASS
Band4	20MHz	256QAM	20175	100RB#0	PASS	PASS



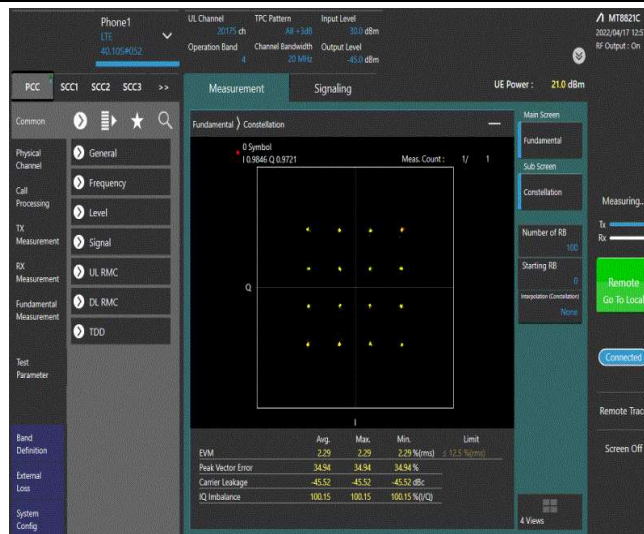
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Test Graphs

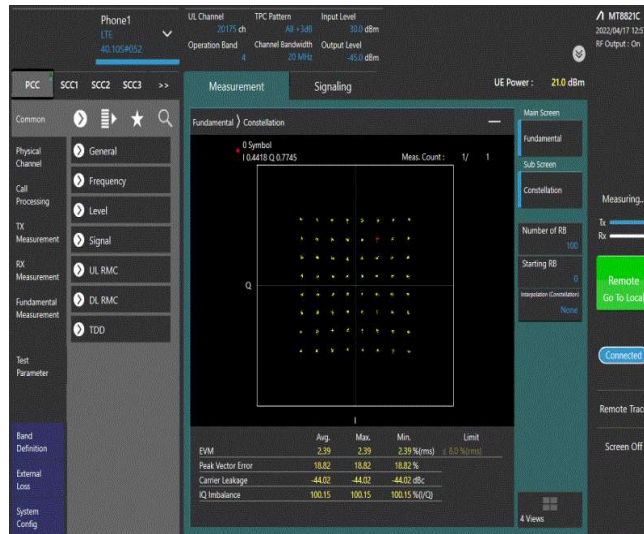
Band4-20MHz-QPSK-20175-100RB#0



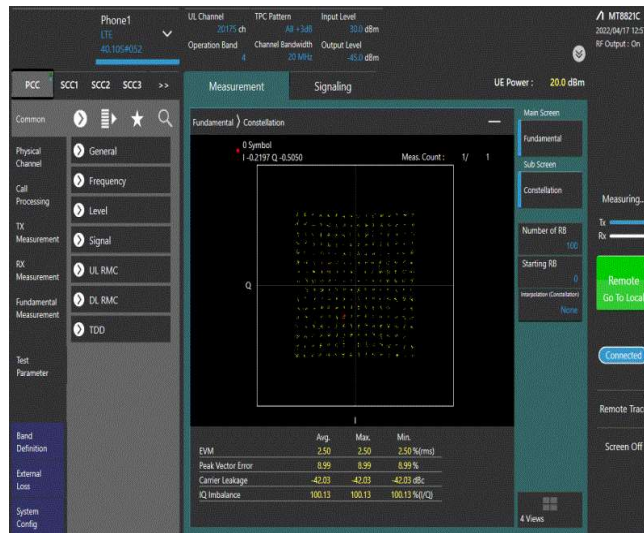
Band4-20MHz-16QAM-20175-100RB#0



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



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



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	1,108	1.37	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1,108	1.37	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1,105	1.37	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1,109	1.44	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1,107	1.40	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1,110	1.39	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1,109	1.38	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1,109	1.40	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1,109	1.42	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	1,108	1.42	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	1,105	1.39	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	1,106	1.41	PASS
Band4	3MHz	QPSK	19965	15RB#0	2,692	3.05	PASS
Band4	3MHz	QPSK	20175	15RB#0	2,697	3.03	PASS
Band4	3MHz	QPSK	20385	15RB#0	2,694	3.04	PASS
Band4	3MHz	16QAM	19965	15RB#0	2,706	3.05	PASS
Band4	3MHz	16QAM	20175	15RB#0	2,699	3.04	PASS
Band4	3MHz	16QAM	20385	15RB#0	2,700	3.08	PASS
Band4	3MHz	64QAM	19965	15RB#0	2,704	3.04	PASS
Band4	3MHz	64QAM	20175	15RB#0	2,699	3.05	PASS
Band4	3MHz	64QAM	20385	15RB#0	2,701	3.06	PASS
Band4	3MHz	256QAM	19965	15RB#0	2,696	3.05	PASS
Band4	3MHz	256QAM	20175	15RB#0	2,702	3.04	PASS
Band4	3MHz	256QAM	20385	15RB#0	2,702	3.05	PASS
Band4	5MHz	QPSK	19975	25RB#0	4,480	5.02	PASS
Band4	5MHz	QPSK	20175	25RB#0	4,478	5.07	PASS
Band4	5MHz	QPSK	20375	25RB#0	4,477	5.08	PASS
Band4	5MHz	16QAM	19975	25RB#0	4,483	5.01	PASS
Band4	5MHz	16QAM	20175	25RB#0	4,480	5.06	PASS
Band4	5MHz	16QAM	20375	25RB#0	4,482	5.04	PASS





Band4	5MHz	64QAM	19975	25RB#0	4.480	5.07	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.484	5.05	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.482	5.08	PASS
Band4	5MHz	256QAM	19975	25RB#0	4.482	5.06	PASS
Band4	5MHz	256QAM	20175	25RB#0	4.481	5.10	PASS
Band4	5MHz	256QAM	20375	25RB#0	4.482	5.03	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.967	9.92	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.940	9.82	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.939	9.92	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.963	9.88	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.966	9.90	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.959	9.92	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.948	9.92	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.953	9.88	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.958	9.82	PASS
Band4	10MHz	256QAM	20000	50RB#0	8.949	9.90	PASS
Band4	10MHz	256QAM	20175	50RB#0	8.943	9.88	PASS
Band4	10MHz	256QAM	20350	50RB#0	8.959	9.94	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.513	15.12	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.483	14.94	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.500	15.09	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.510	15.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.488	14.97	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.504	15.06	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.502	15.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.494	14.97	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.499	15.12	PASS
Band4	15MHz	256QAM	20025	75RB#0	13.501	15.00	PASS
Band4	15MHz	256QAM	20175	75RB#0	13.471	15.03	PASS
Band4	15MHz	256QAM	20325	75RB#0	13.512	15.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.938	19.72	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.885	19.60	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.949	19.68	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.950	19.68	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.903	19.56	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.940	19.52	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.955	19.76	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.903	19.68	PASS





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Band4	20MHz	64QAM	20300	100RB#0	17.949	19.60	PASS
Band4	20MHz	256QAM	20050	100RB#0	17.986	19.88	PASS
Band4	20MHz	256QAM	20175	100RB#0	17.899	19.64	PASS
Band4	20MHz	256QAM	20300	100RB#0	17.938	19.84	PASS



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Test Graphs

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



20:15:40 15. 04. 2022

Band4-1.4MHz-QPSK-20175-6RB#0



15:20:59 16. 04. 2022



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



15:21:18 16. 04. 2022

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



20:15:58 16. 04. 2022



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



20:17:13 15.04.2022

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



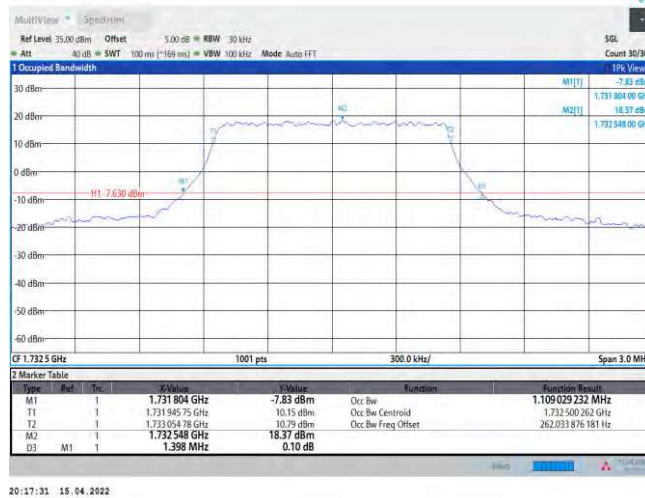
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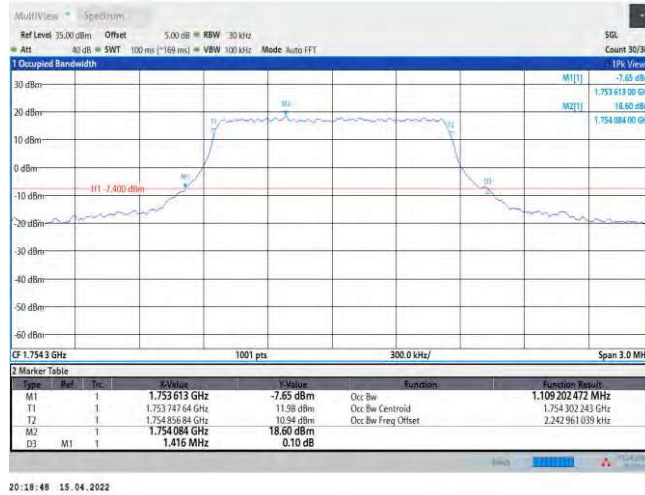
Band4-1.4MHz-64QAM-19957-6RB#0



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



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



20:18:48 15. 04. 2022

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



20:16:34 15. 04. 2022



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



20:17:49 15. 04. 2022

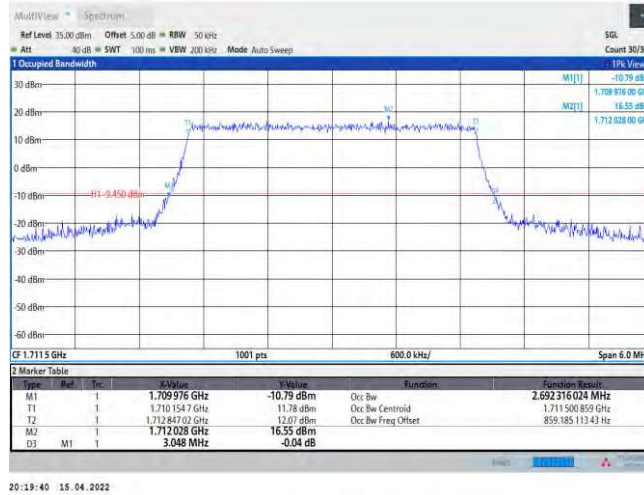
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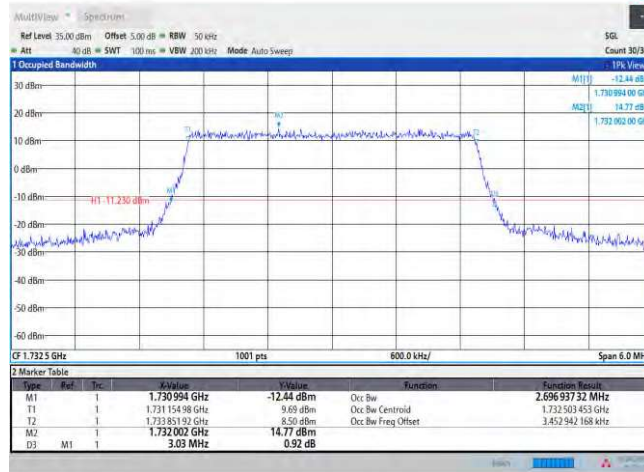


Band4-3MHz-QPSK-19965-15RB#0



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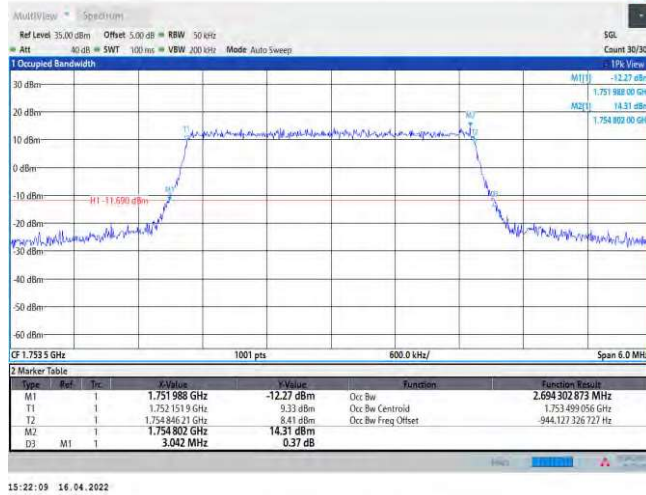
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15:21:51 16.04.2022

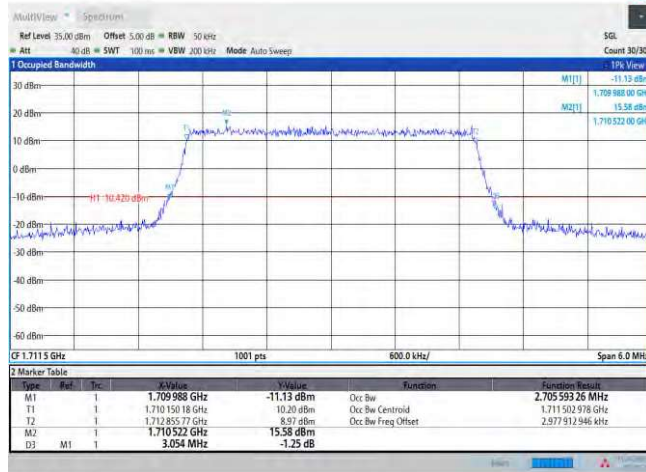


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15:22:09 16.04.2022

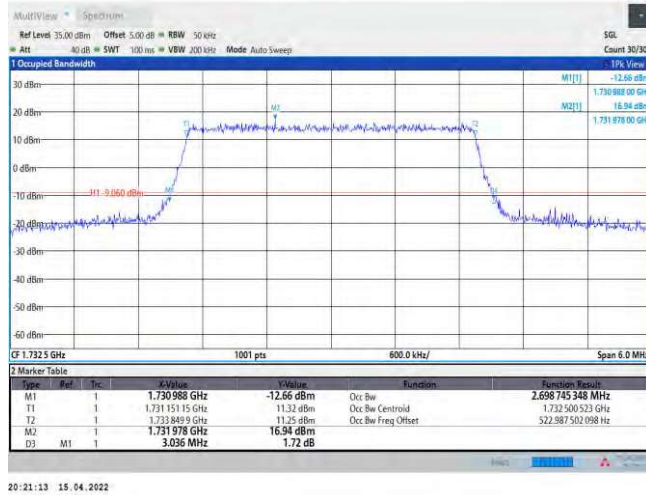
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20:19:58 16.04.2022

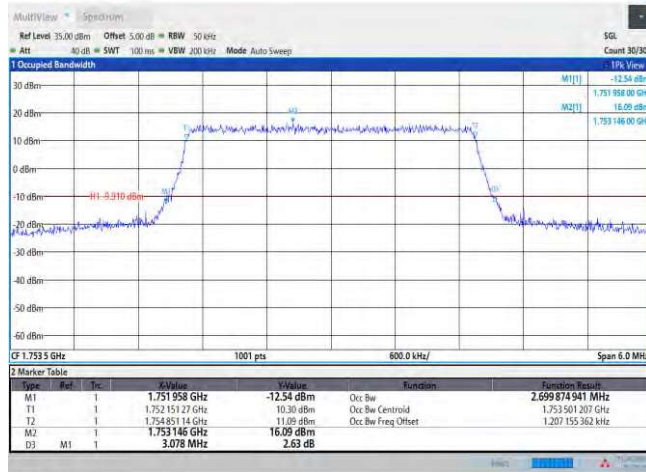


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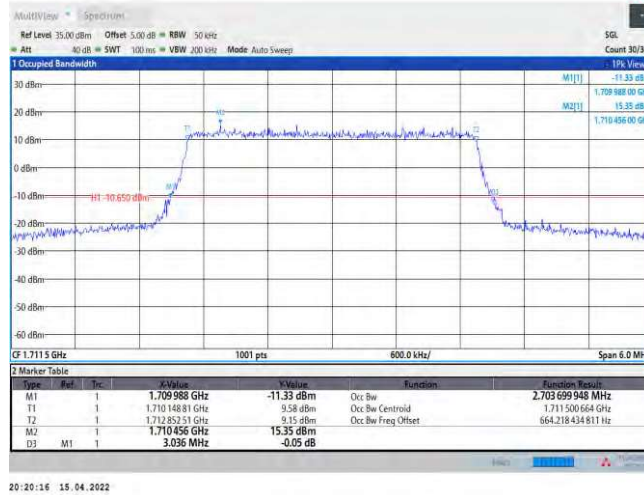
Band4-3MHz-16QAM-20385-15RB#0



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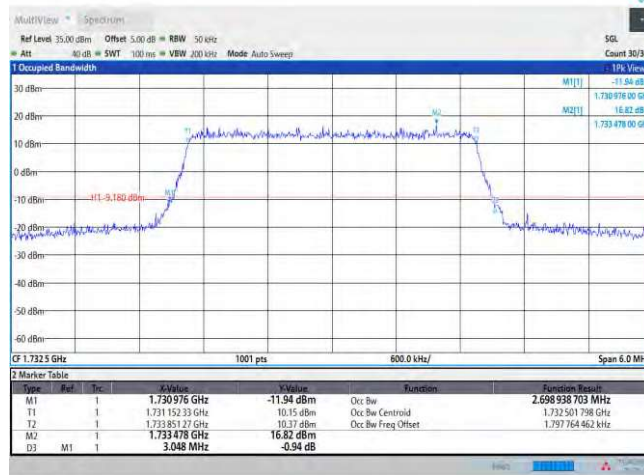


Band4-3MHz-64QAM-19965-15RB#0



20:20:16 15. 04. 2022

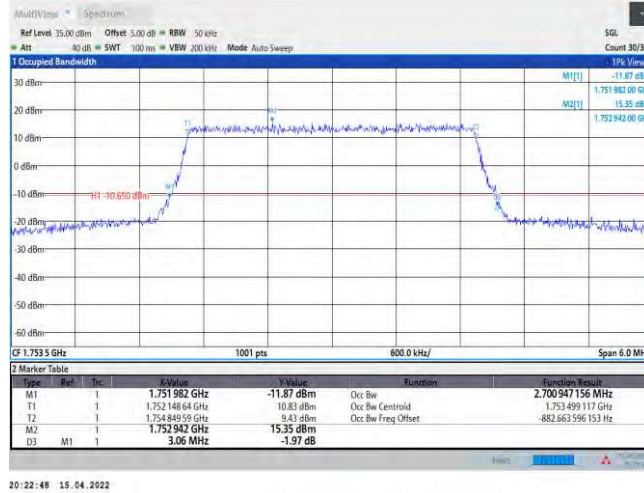
Band4-3MHz-64QAM-20175-15RB#0



20:21:31 15. 04. 2022

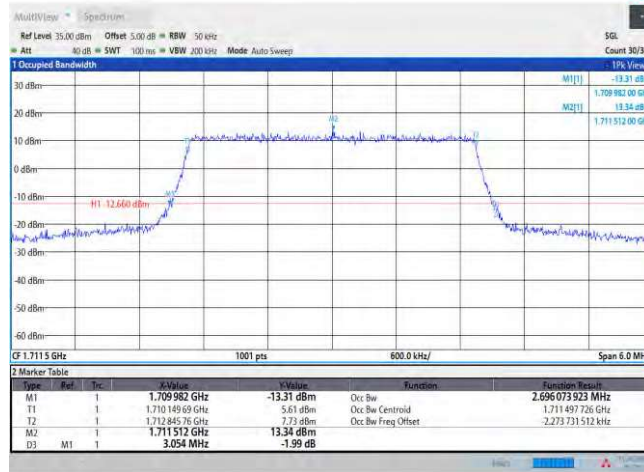


Band4-3MHz-64QAM-20385-15RB#0



20:22:48 15. 04. 2022

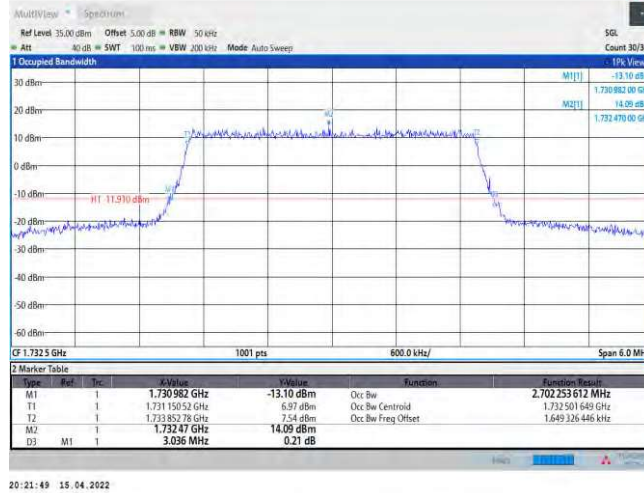
Band4-3MHz-256QAM-19965-15RB#0



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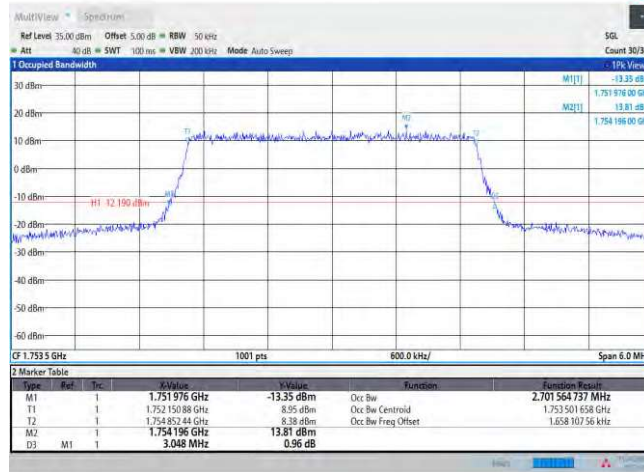


Band4-3MHz-256QAM-20175-15RB#0



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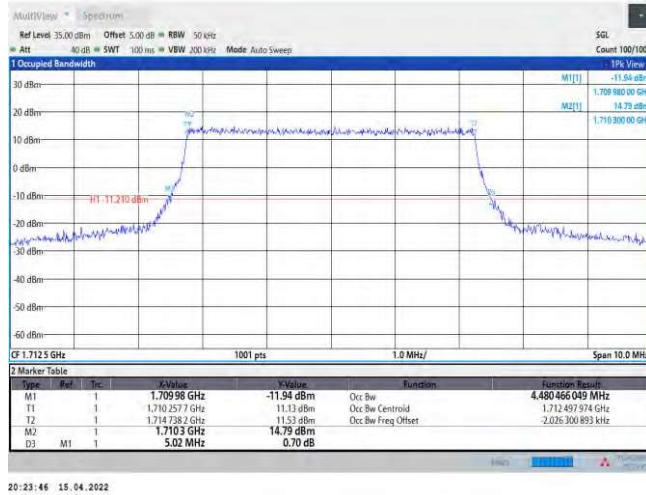
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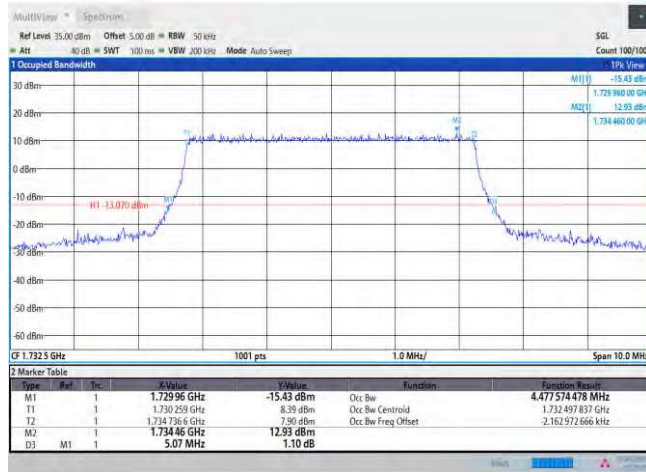


Band4-5MHz-QPSK-19975-25RB#0



20:23:46 15. 04. 2022

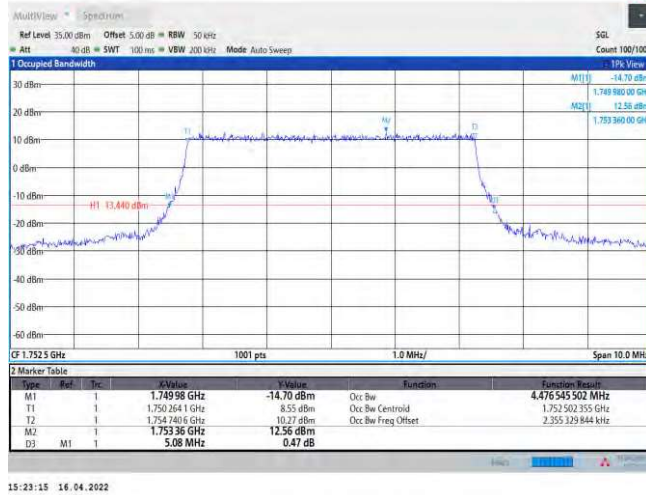
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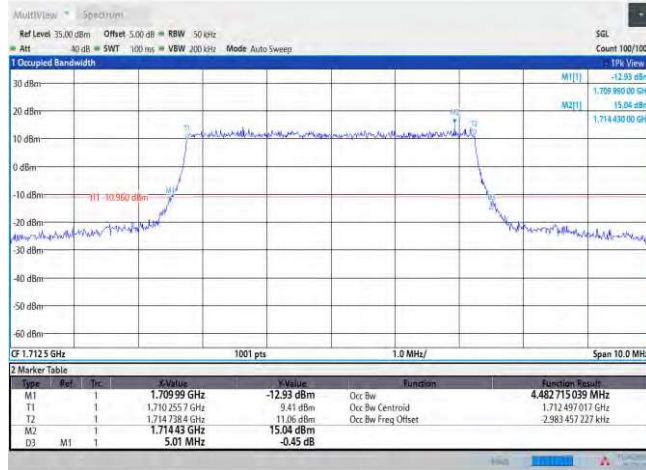


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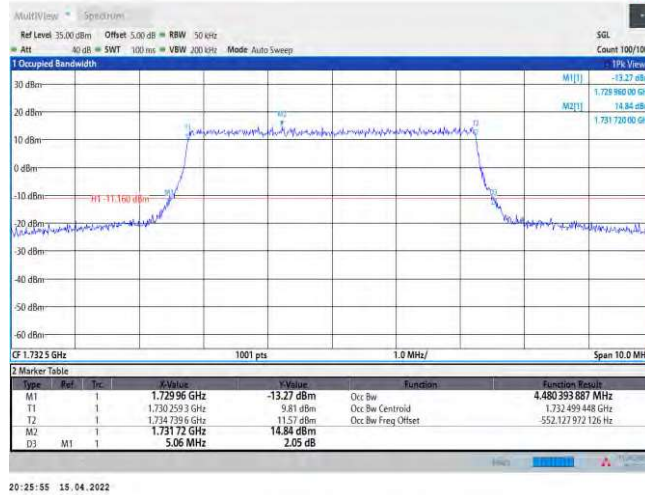
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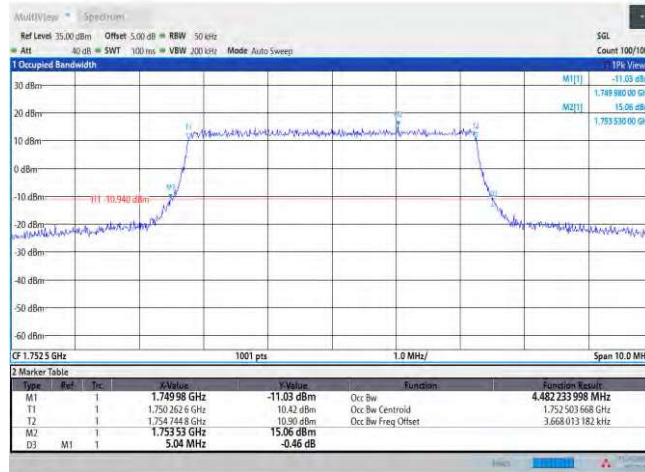


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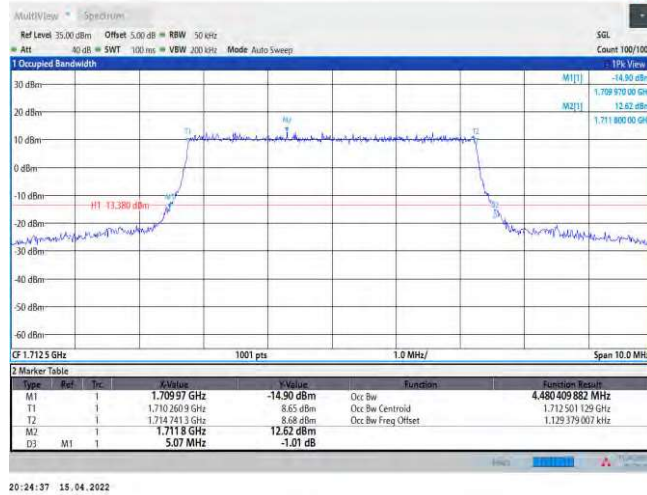
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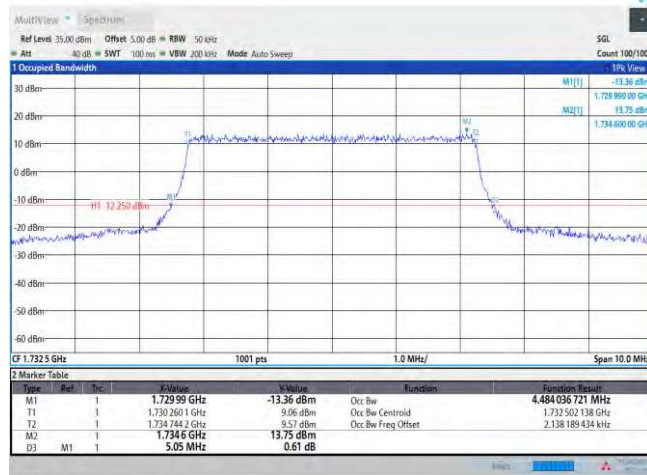


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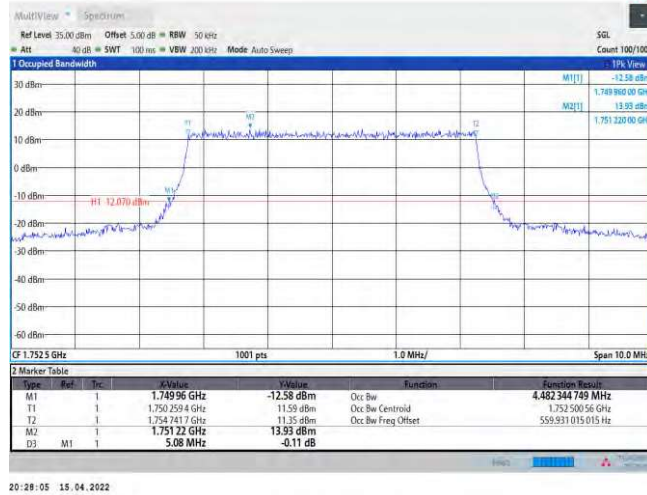
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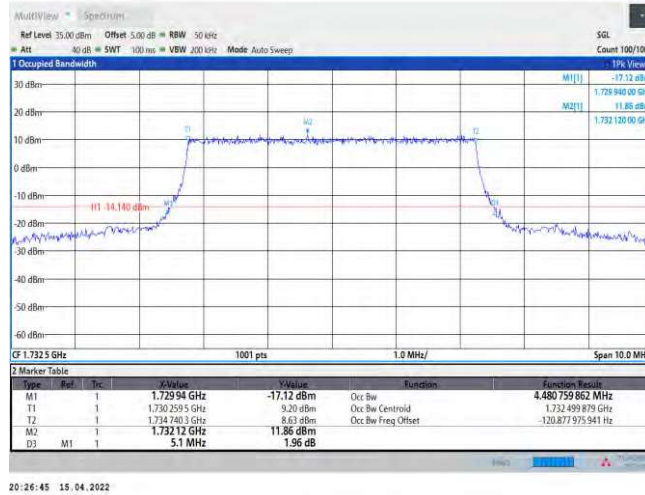
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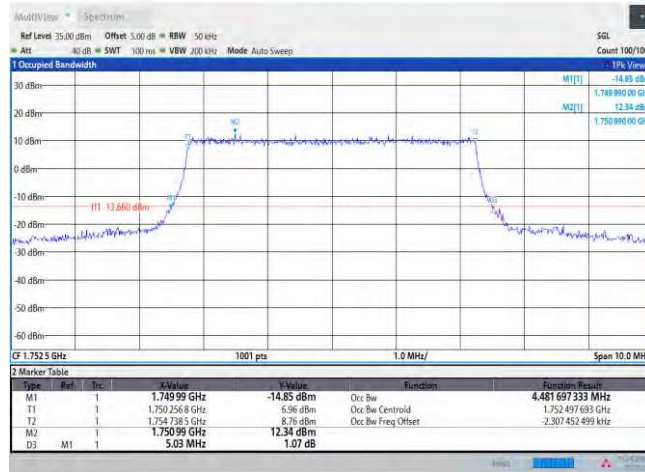


Band4-5MHz-256QAM-20175-25RB#0



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



20:28:30 15.04.2022

