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Appendix B.2

LTE Band 4



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t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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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	21.54	24.4	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.5	24.36	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.6	24.46	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.62	23.48	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	21.47	24.33	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	21.55	24.41	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	21.49	24.35	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.81	23.67	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.63	24.49	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.62	24.48	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.4	24.26	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.63	23.49	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.59	23.45	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.75	23.61	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.89	23.75	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.74	22.6	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.78	23.64	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	20.86	23.72	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.77	23.63	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.73	22.59	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.75	23.61	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.83	23.69	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.67	23.53	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.66	22.52	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	19.75	22.61	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	19.89	22.75	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	19.82	22.68	30	PASS



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Band4	1.4MHz	64QAM	19957	6RB#0	18.75	21.61	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	19.8	22.66	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	19.99	22.85	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	19.82	22.68	30	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	18.84	21.7	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	20.01	22.87	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	20.1	22.96	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	19.71	22.57	30	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	18.72	21.58	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#0	16.85	19.71	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#2	16.72	19.58	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#5	16.9	19.76	30	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	16.69	19.55	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#0	16.63	19.49	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#2	16.87	19.73	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#5	16.69	19.55	30	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	16.73	19.59	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#0	16.79	19.65	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#2	16.82	19.68	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#5	16.64	19.5	30	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	16.7	19.56	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.55	24.41	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.49	24.35	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.64	24.5	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.72	23.58	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.53	24.39	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.63	24.49	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.52	24.38	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.76	23.62	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	20.62	23.48	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.63	24.49	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.62	24.48	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.75	23.61	30	PASS



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Band4	3MHz	16QAM	19965	1RB#0	20.99	23.85	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.92	23.78	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	20.8	23.66	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	19.75	22.61	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	20.74	23.6	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.77	23.63	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	20.76	23.62	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	19.81	22.67	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.77	23.63	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.06	23.92	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.73	23.59	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	19.74	22.6	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	19.74	22.6	30	PASS
Band4	3MHz	64QAM	19965	1RB#8	19.87	22.73	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	19.88	22.74	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	18.71	21.57	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	19.82	22.68	30	PASS
Band4	3MHz	64QAM	20175	1RB#8	19.87	22.73	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	19.91	22.77	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	18.83	21.69	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	19.77	22.63	30	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.02	22.88	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.08	22.94	30	PASS
Band4	3MHz	64QAM	20385	15RB#0	18.76	21.62	30	PASS
Band4	3MHz	256QAM	19965	1RB#0	16.75	19.61	30	PASS
Band4	3MHz	256QAM	19965	1RB#8	16.87	19.73	30	PASS
Band4	3MHz	256QAM	19965	1RB#14	16.79	19.65	30	PASS
Band4	3MHz	256QAM	19965	15RB#0	16.72	19.58	30	PASS
Band4	3MHz	256QAM	20175	1RB#0	16.77	19.63	30	PASS
Band4	3MHz	256QAM	20175	1RB#8	16.95	19.81	30	PASS
Band4	3MHz	256QAM	20175	1RB#14	16.72	19.58	30	PASS
Band4	3MHz	256QAM	20175	15RB#0	16.78	19.64	30	PASS
Band4	3MHz	256QAM	20385	1RB#0	16.61	19.47	30	PASS



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Band4	3MHz	256QAM	20385	1RB#8	16.94	19.8	30	PASS
Band4	3MHz	256QAM	20385	1RB#14	16.83	19.69	30	PASS
Band4	3MHz	256QAM	20385	15RB#0	16.72	19.58	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	21.55	24.41	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.62	24.48	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.5	24.36	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.71	23.57	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.6	24.46	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	21.35	24.21	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.36	24.22	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	20.69	23.55	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.63	24.49	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.62	24.48	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	21.55	24.41	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	20.75	23.61	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.92	23.78	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	20.78	23.64	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.88	23.74	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.79	22.65	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.73	23.59	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	20.8	23.66	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.8	23.66	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	19.72	22.58	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.85	23.71	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	20.86	23.72	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.93	23.79	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.77	22.63	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	19.72	22.58	30	PASS
Band4	5MHz	64QAM	19975	1RB#12	20.03	22.89	30	PASS
Band4	5MHz	64QAM	19975	1RB#24	19.75	22.61	30	PASS
Band4	5MHz	64QAM	19975	25RB#0	18.77	21.63	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	19.91	22.77	30	PASS
Band4	5MHz	64QAM	20175	1RB#12	19.97	22.83	30	PASS



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Band4	5MHz	64QAM	20175	25RB#0	18.72	21.58	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	19.86	22.72	30	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.25	23.11	30	PASS
Band4	5MHz	64QAM	20375	1RB#24	19.85	22.71	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	18.73	21.59	30	PASS
Band4	5MHz	256QAM	19975	1RB#0	16.86	19.72	30	PASS
Band4	5MHz	256QAM	19975	1RB#12	16.87	19.73	30	PASS
Band4	5MHz	256QAM	19975	1RB#24	16.89	19.75	30	PASS
Band4	5MHz	256QAM	19975	25RB#0	16.7	19.56	30	PASS
Band4	5MHz	256QAM	20175	1RB#0	16.81	19.67	30	PASS
Band4	5MHz	256QAM	20175	1RB#12	16.9	19.76	30	PASS
Band4	5MHz	256QAM	20175	1RB#24	16.7	19.56	30	PASS
Band4	5MHz	256QAM	20175	25RB#0	16.64	19.5	30	PASS
Band4	5MHz	256QAM	20375	1RB#0	16.78	19.64	30	PASS
Band4	5MHz	256QAM	20375	1RB#12	16.94	19.8	30	PASS
Band4	5MHz	256QAM	20375	1RB#24	16.82	19.68	30	PASS
Band4	5MHz	256QAM	20375	25RB#0	16.8	19.66	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.61	24.47	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.6	24.46	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.58	24.44	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	20.8	23.66	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	21.62	24.48	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.61	24.47	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.55	24.41	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	20.76	23.62	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	21.55	24.41	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	21.62	24.48	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.5	24.36	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	20.8	23.66	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	20.75	23.61	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	20.94	23.8	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.69	23.55	30	PASS



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Band4	10MHz	16QAM	20175	1RB#0	20.77	23.63	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	20.84	23.7	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.84	23.7	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	19.77	22.63	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.76	23.62	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	20.97	23.83	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.78	23.64	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.76	22.62	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	19.8	22.66	30	PASS
Band4	10MHz	64QAM	20000	1RB#24	20.06	22.92	30	PASS
Band4	10MHz	64QAM	20000	1RB#49	19.88	22.74	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	18.73	21.59	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	19.92	22.78	30	PASS
Band4	10MHz	64QAM	20175	1RB#24	19.83	22.69	30	PASS
Band4	10MHz	64QAM	20175	1RB#49	19.98	22.84	30	PASS
Band4	10MHz	64QAM	20175	50RB#0	18.8	21.66	30	PASS
Band4	10MHz	64QAM	20350	1RB#0	19.84	22.7	30	PASS
Band4	10MHz	64QAM	20350	1RB#24	19.89	22.75	30	PASS
Band4	10MHz	64QAM	20350	1RB#49	19.91	22.77	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	18.77	21.63	30	PASS
Band4	10MHz	256QAM	20000	1RB#0	16.83	19.69	30	PASS
Band4	10MHz	256QAM	20000	1RB#24	16.78	19.64	30	PASS
Band4	10MHz	256QAM	20000	1RB#49	16.73	19.59	30	PASS
Band4	10MHz	256QAM	20000	50RB#0	16.82	19.68	30	PASS
Band4	10MHz	256QAM	20175	1RB#0	16.75	19.61	30	PASS
Band4	10MHz	256QAM	20175	1RB#24	16.99	19.85	30	PASS
Band4	10MHz	256QAM	20175	1RB#49	16.74	19.6	30	PASS
Band4	10MHz	256QAM	20175	50RB#0	16.74	19.6	30	PASS
Band4	10MHz	256QAM	20350	1RB#0	16.76	19.62	30	PASS
Band4	10MHz	256QAM	20350	1RB#24	16.92	19.78	30	PASS
Band4	10MHz	256QAM	20350	1RB#49	16.66	19.52	30	PASS
Band4	10MHz	256QAM	20350	50RB#0	16.79	19.65	30	PASS



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Band4	15MHz	QPSK	20025	1RB#0	21.4	24.26	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.63	24.49	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.56	24.42	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.72	23.58	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.55	24.41	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.63	24.49	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.36	24.22	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.53	23.39	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	21.6	24.46	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.49	24.35	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.57	24.43	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.7	23.56	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	20.64	23.5	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.84	23.7	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	20.82	23.68	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.74	22.6	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.75	23.61	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	20.64	23.5	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.77	23.63	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	19.57	22.43	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.67	23.53	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	20.72	23.58	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	20.76	23.62	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	19.68	22.54	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	19.61	22.47	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	19.79	22.65	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	19.96	22.82	30	PASS
Band4	15MHz	64QAM	20025	75RB#0	18.63	21.49	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	19.76	22.62	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	19.74	22.6	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	19.9	22.76	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	18.59	21.45	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	19.85	22.71	30	PASS



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Band4	15MHz	64QAM	20325	1RB#38	19.61	22.47	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	19.87	22.73	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	18.7	21.56	30	PASS
Band4	15MHz	256QAM	20025	1RB#0	16.78	19.64	30	PASS
Band4	15MHz	256QAM	20025	1RB#38	16.53	19.39	30	PASS
Band4	15MHz	256QAM	20025	1RB#74	16.82	19.68	30	PASS
Band4	15MHz	256QAM	20025	75RB#0	16.59	19.45	30	PASS
Band4	15MHz	256QAM	20175	1RB#0	16.75	19.61	30	PASS
Band4	15MHz	256QAM	20175	1RB#38	17	19.86	30	PASS
Band4	15MHz	256QAM	20175	1RB#74	16.77	19.63	30	PASS
Band4	15MHz	256QAM	20175	75RB#0	16.59	19.45	30	PASS
Band4	15MHz	256QAM	20325	1RB#0	16.85	19.71	30	PASS
Band4	15MHz	256QAM	20325	1RB#38	16.66	19.52	30	PASS
Band4	15MHz	256QAM	20325	1RB#74	16.76	19.62	30	PASS
Band4	15MHz	256QAM	20325	75RB#0	16.68	19.54	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.43	24.29	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	21.53	24.39	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	21.63	24.49	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	20.65	23.51	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	20.55	23.41	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	21.45	24.31	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.63	24.49	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.66	23.52	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.61	24.47	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	21.54	24.4	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	21.59	24.45	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.71	23.57	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.6	23.46	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	20.96	23.82	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.83	23.69	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	19.64	22.5	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.66	23.52	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	20.76	23.62	30	PASS



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Band4	20MHz	16QAM	20175	1RB#99	20.78	23.64	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	19.68	22.54	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.68	23.54	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.31	24.17	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.01	23.87	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	19.69	22.55	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	19.65	22.51	30	PASS
Band4	20MHz	64QAM	20050	1RB#49	19.87	22.73	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	19.87	22.73	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	18.62	21.48	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	19.76	22.62	30	PASS
Band4	20MHz	64QAM	20175	1RB#49	19.85	22.71	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	19.7	22.56	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	18.65	21.51	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	19.62	22.48	30	PASS
Band4	20MHz	64QAM	20300	1RB#49	19.66	22.52	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	19.82	22.68	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	18.71	21.57	30	PASS
Band4	20MHz	256QAM	20050	1RB#0	16.53	19.39	30	PASS
Band4	20MHz	256QAM	20050	1RB#49	16.48	19.34	30	PASS
Band4	20MHz	256QAM	20050	1RB#99	16.77	19.63	30	PASS
Band4	20MHz	256QAM	20050	100RB#0	16.73	19.59	30	PASS
Band4	20MHz	256QAM	20175	1RB#0	16.59	19.45	30	PASS
Band4	20MHz	256QAM	20175	1RB#49	16.76	19.62	30	PASS
Band4	20MHz	256QAM	20175	1RB#99	16.76	19.62	30	PASS
Band4	20MHz	256QAM	20175	100RB#0	16.61	19.47	30	PASS
Band4	20MHz	256QAM	20300	1RB#0	16.89	19.75	30	PASS
Band4	20MHz	256QAM	20300	1RB#49	16.63	19.49	30	PASS
Band4	20MHz	256QAM	20300	1RB#99	16.61	19.47	30	PASS
Band4	20MHz	256QAM	20300	100RB#0	16.67	19.53	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	5.26	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.58	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.24	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.18	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.34	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.16	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.66	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.84	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.68	13	PASS
Band4	20MHz	256QAM	20050	100RB#0	7.02	13	PASS
Band4	20MHz	256QAM	20175	100RB#0	7.20	13	PASS
Band4	20MHz	256QAM	20300	100RB#0	6.92	13	PASS



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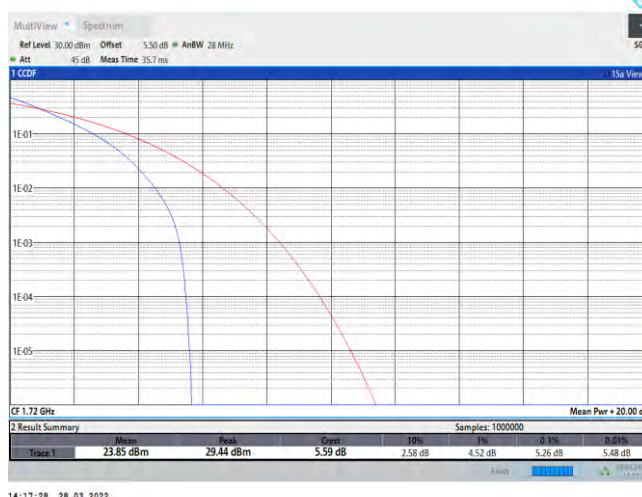
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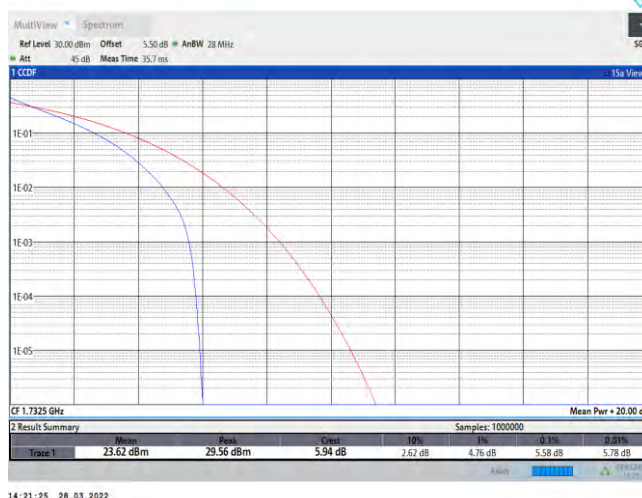
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Test Graphs

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



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



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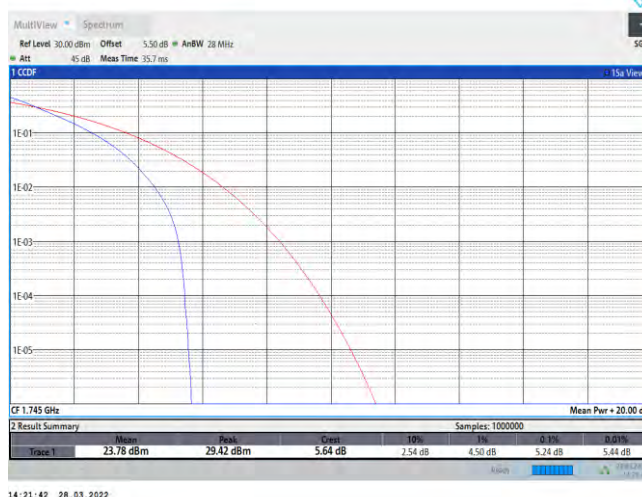
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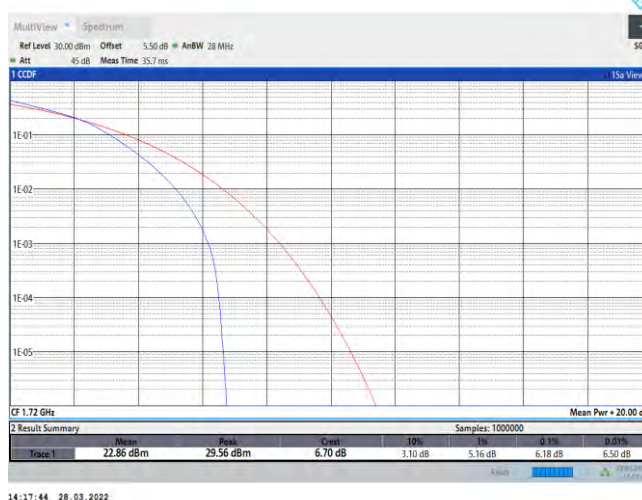
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Band4-20MHz-QPSK-20300-100RB#0



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



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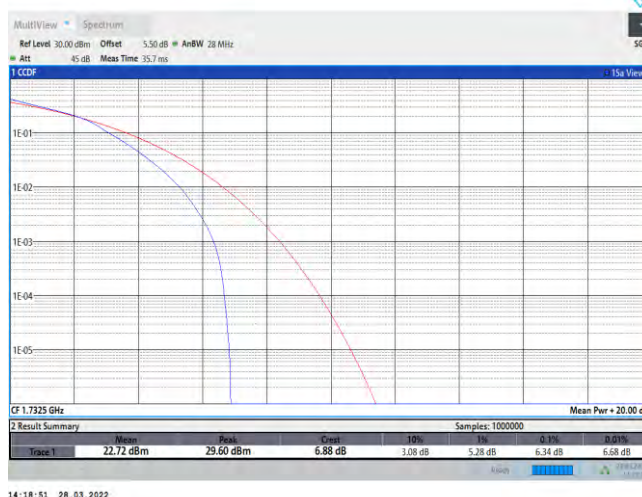
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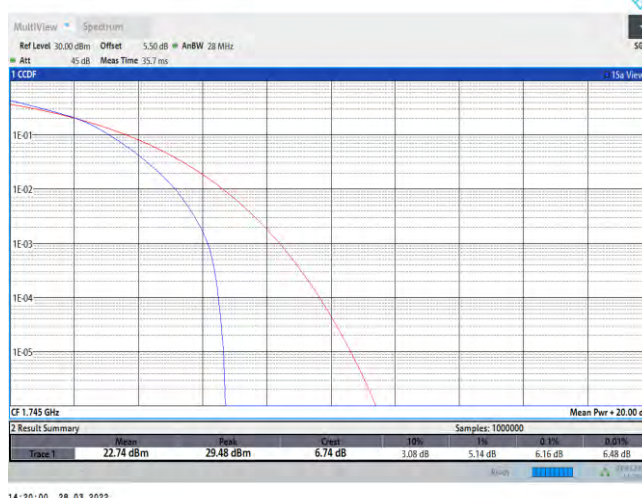
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Band4-20MHz-16QAM-20175-100RB#0



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



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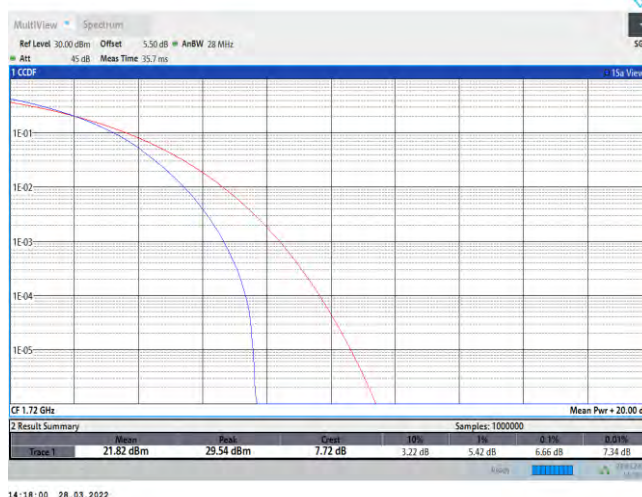
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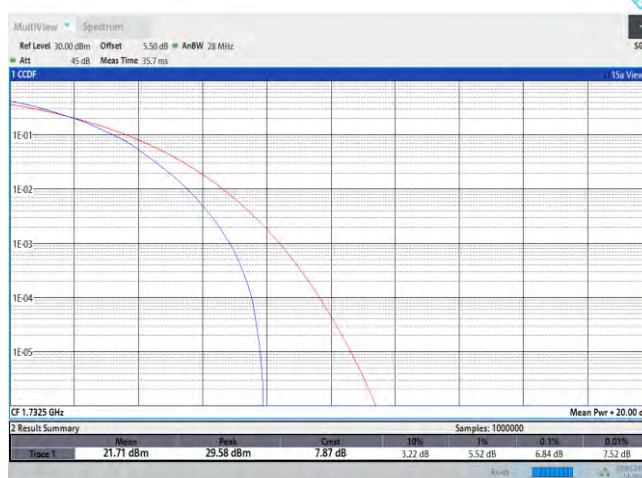
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Band4-20MHz-64QAM-20050-100RB#0



14:18:00 28.03.2022

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



14:19:08 28.03.2022



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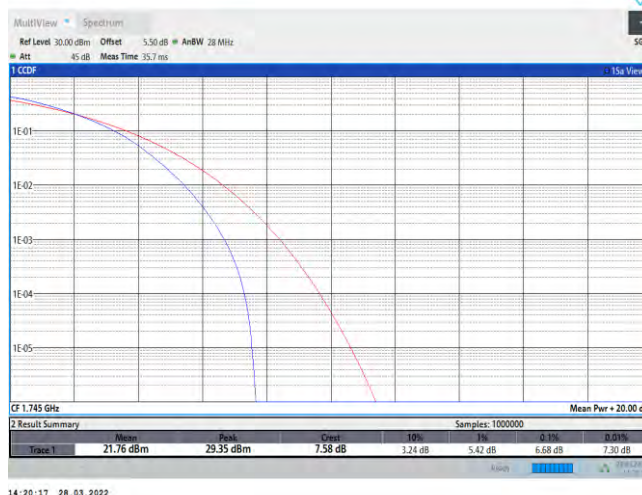
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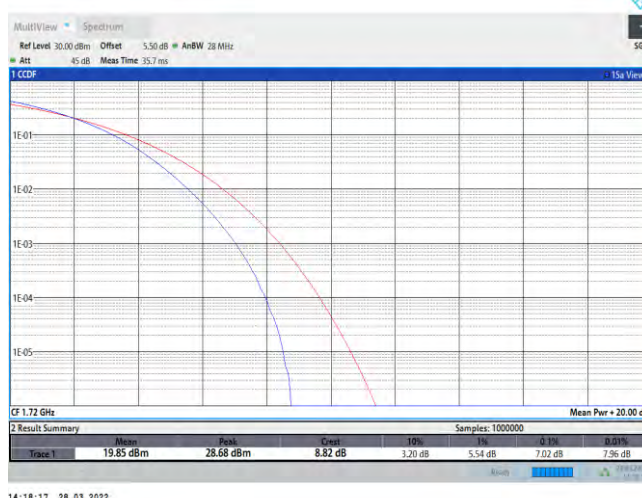
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Band4-20MHz-64QAM-20300-100RB#0



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



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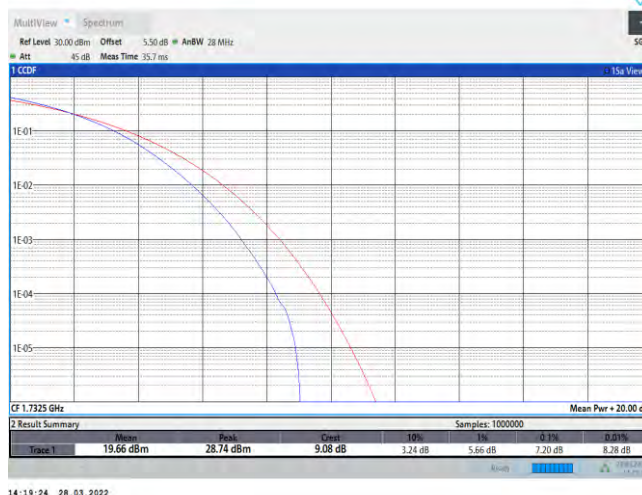
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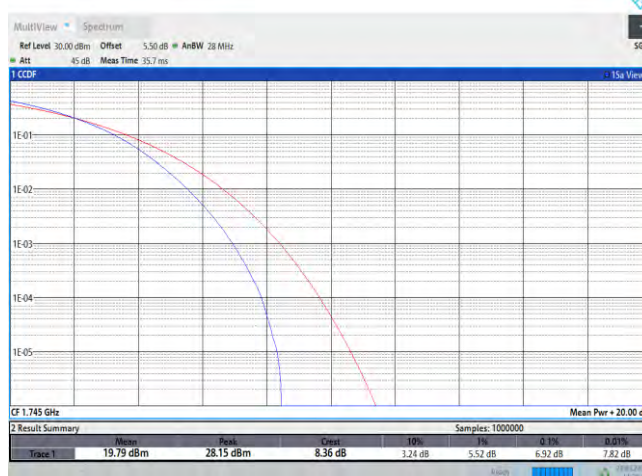
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Band4-20MHz-256QAM-20175-100RB#0



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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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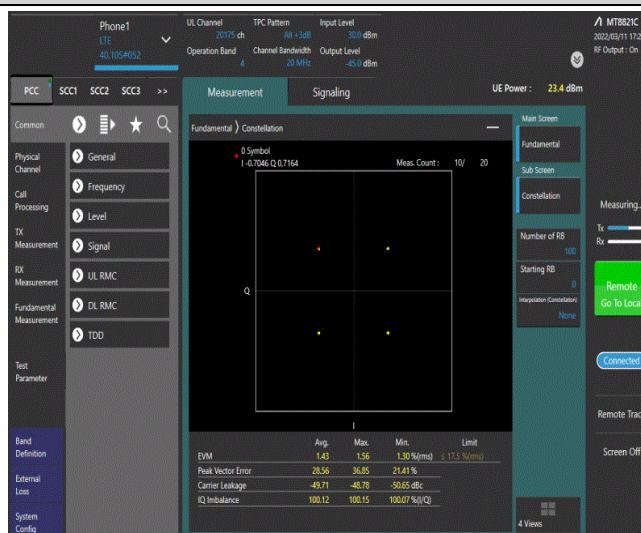
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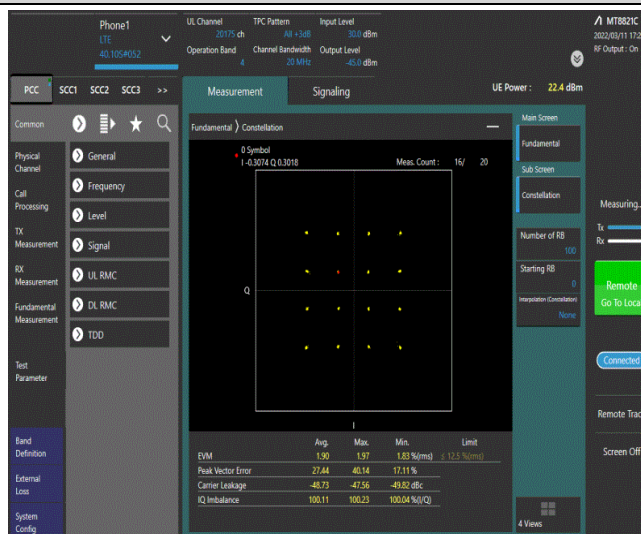
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Test Graphs

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



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



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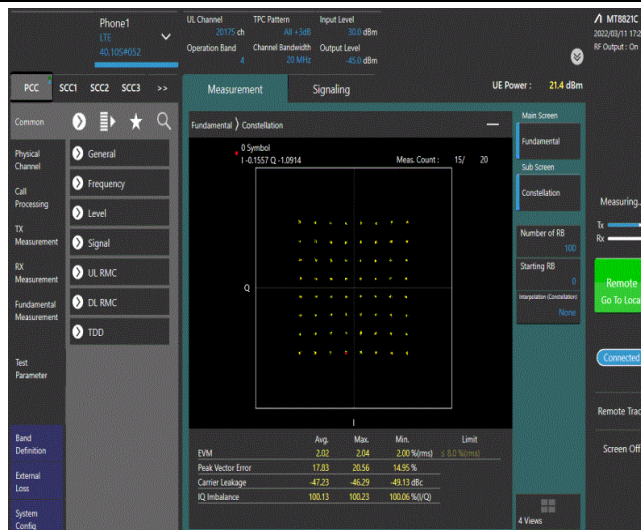
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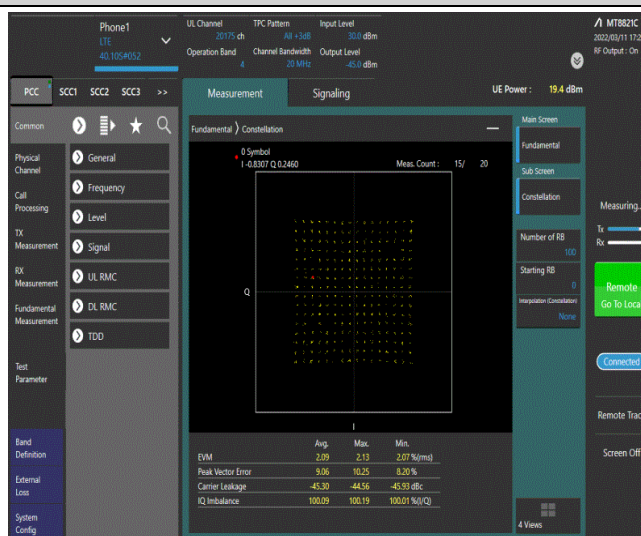
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Band4-20MHz-64QAM-20175-100RB#0



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	1.39	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.109	1.37	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.106	1.43	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.102	1.38	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.103	1.39	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.107	1.39	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.106	1.39	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.105	1.37	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.106	1.42	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	1.104	1.39	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	1.11	1.41	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	1.103	1.37	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.702	3.04	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.696	3.06	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.706	3.07	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.701	3.04	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.697	3.02	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.696	3.05	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.695	3.07	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.698	3.04	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.699	3.03	PASS
Band4	3MHz	256QAM	19965	15RB#0	2.697	3.02	PASS
Band4	3MHz	256QAM	20175	15RB#0	2.695	3.07	PASS
Band4	3MHz	256QAM	20385	15RB#0	2.7	3.06	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.478	5.07	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.479	5.04	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.483	5.09	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.48	5.11	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.477	5.06	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.479	5.04	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.478	5.05	PASS



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Band4	5MHz	64QAM	20175	25RB#0	4.482	5.05	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.48	5.01	PASS
Band4	5MHz	256QAM	19975	25RB#0	4.479	5.03	PASS
Band4	5MHz	256QAM	20175	25RB#0	4.483	5.01	PASS
Band4	5MHz	256QAM	20375	25RB#0	4.477	5.04	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.93	9.92	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.95	9.86	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.959	9.96	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.944	9.76	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.939	9.74	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.955	9.86	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.942	9.86	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.948	9.76	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.938	9.80	PASS
Band4	10MHz	256QAM	20000	50RB#0	8.944	9.82	PASS
Band4	10MHz	256QAM	20175	50RB#0	8.958	9.88	PASS
Band4	10MHz	256QAM	20350	50RB#0	8.933	9.88	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.496	15.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.515	15.09	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.488	14.91	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.459	15.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.496	14.88	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.481	14.94	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.475	14.88	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.511	15.12	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.475	15.09	PASS
Band4	15MHz	256QAM	20025	75RB#0	13.458	14.91	PASS
Band4	15MHz	256QAM	20175	75RB#0	13.498	15.06	PASS
Band4	15MHz	256QAM	20325	75RB#0	13.473	15.03	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.88	19.52	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.96	19.72	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.907	19.56	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.94	19.52	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.935	19.64	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.902	19.80	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.886	19.68	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.946	19.72	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.898	19.60	PASS



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Band4	20MHz	256QAM	20050	100RB#0	17.899	19.64	PASS
Band4	20MHz	256QAM	20175	100RB#0	17.956	19.76	PASS
Band4	20MHz	256QAM	20300	100RB#0	17.907	19.56	PASS



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Test Graphs

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



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



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



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



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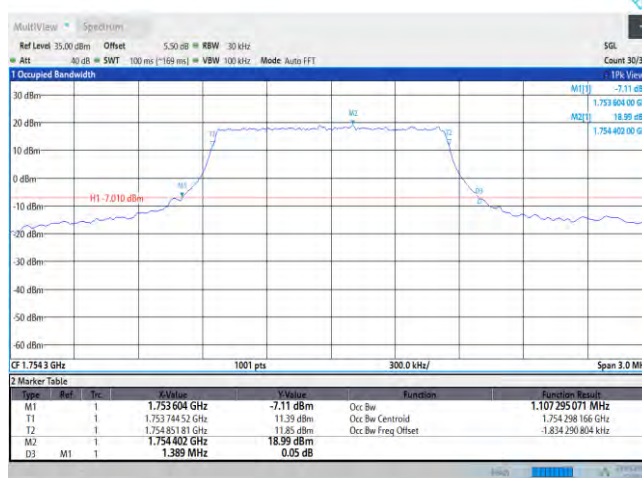
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12:43:24 28.03.2022

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



12:44:41 28.03.2022



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12:42:25 28.03.2022

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



12:43:42 28.03.2022



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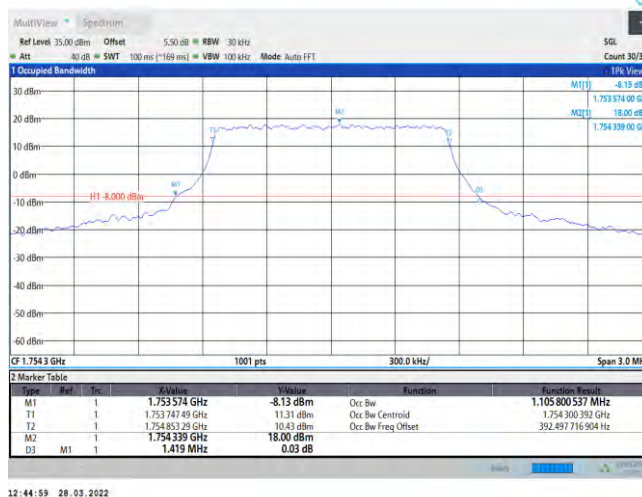
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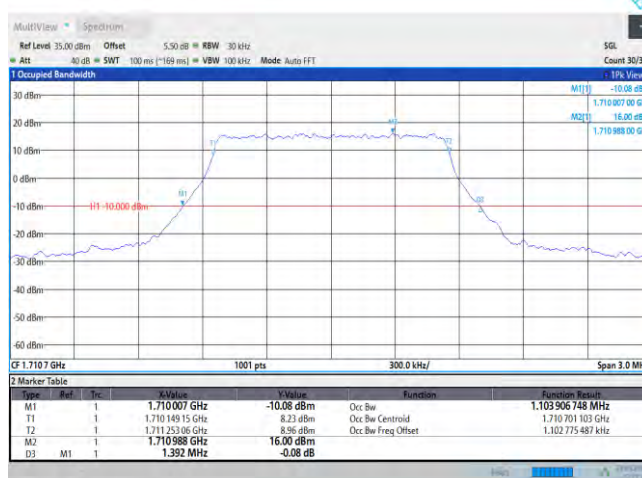
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Band4-1.4MHz-256QAM-19957-6RB#0



12:42:43 28.03.2022



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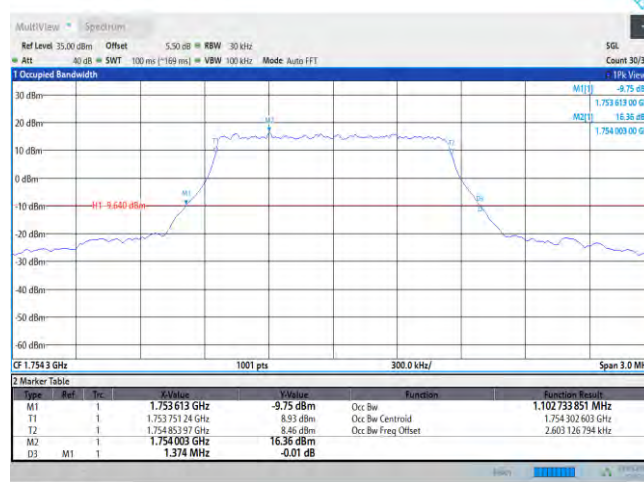
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12:44:00 28.03.2022

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



12:45:17 28.03.2022



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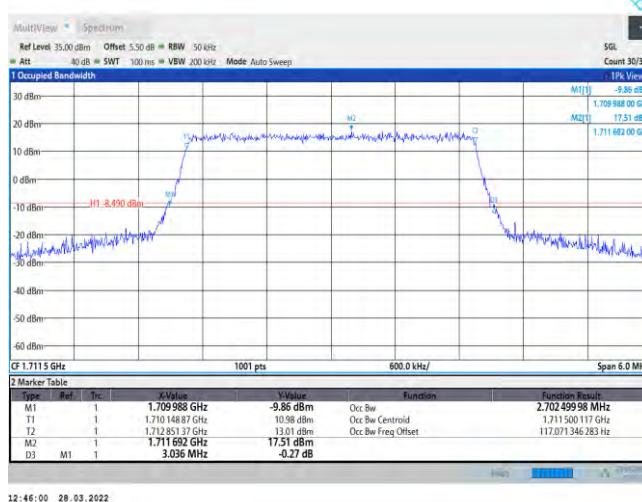
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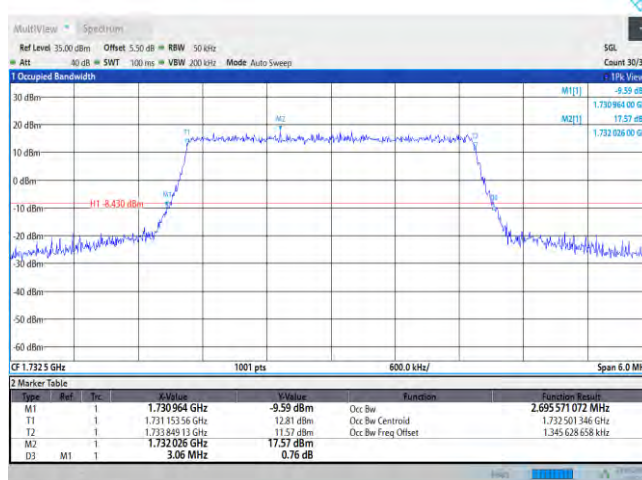
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Band4-3MHz-QPSK-20175-15RB#0



14:05:58 28.03.2022



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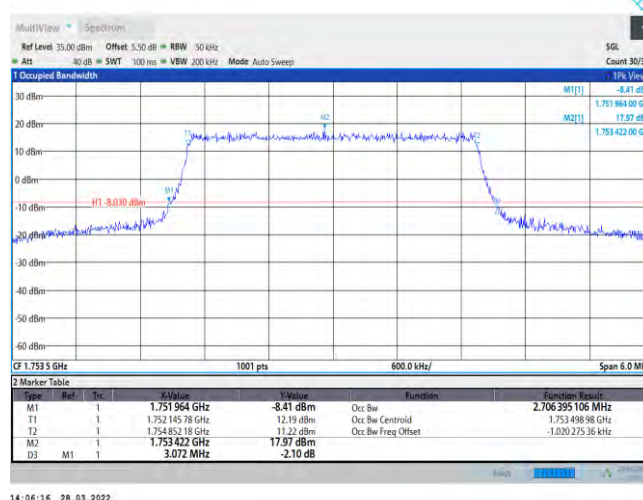
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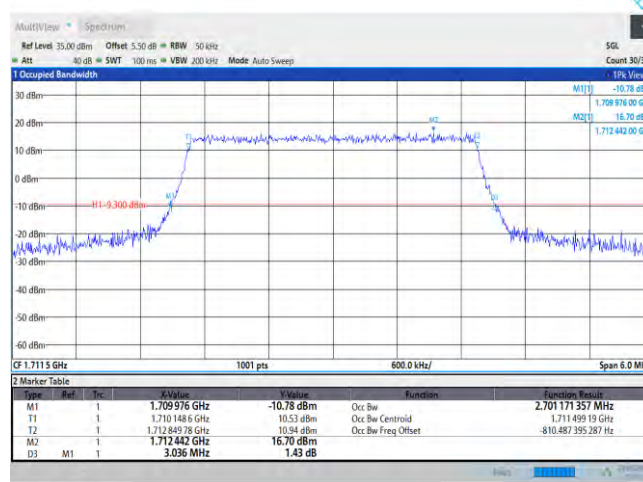
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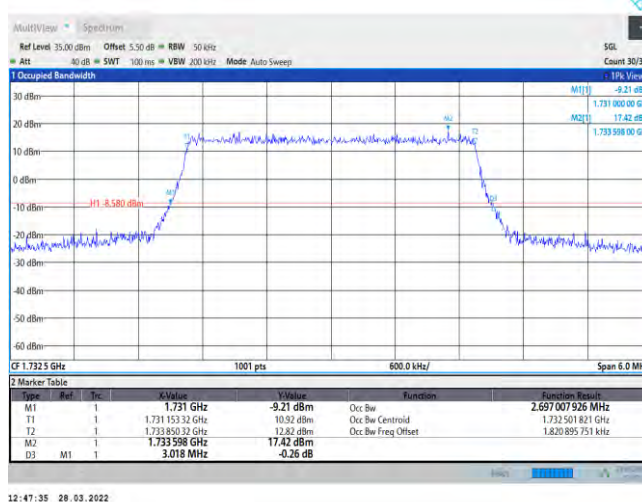
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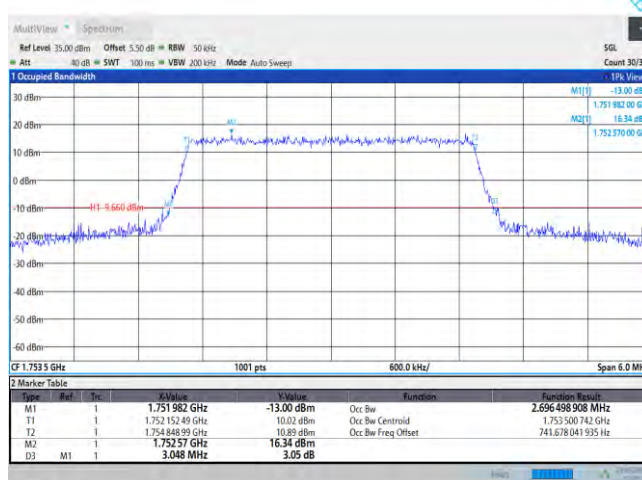
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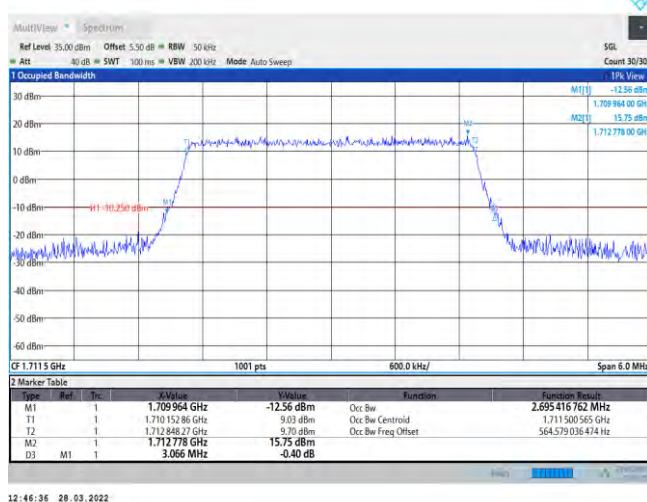
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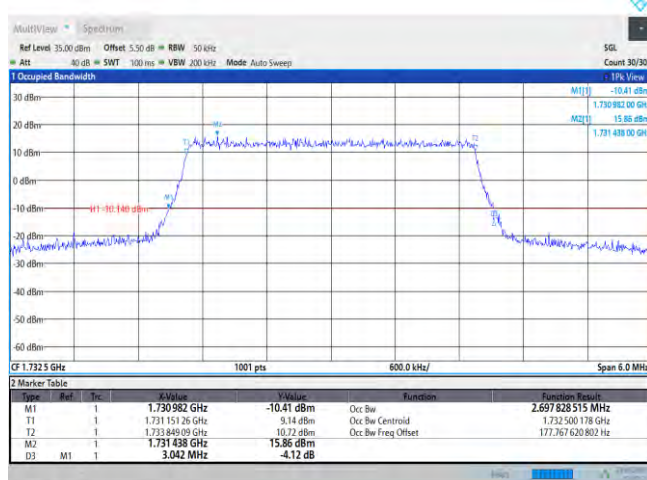
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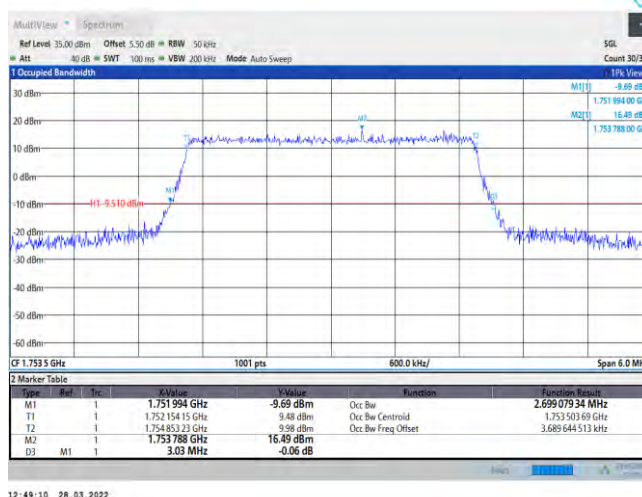
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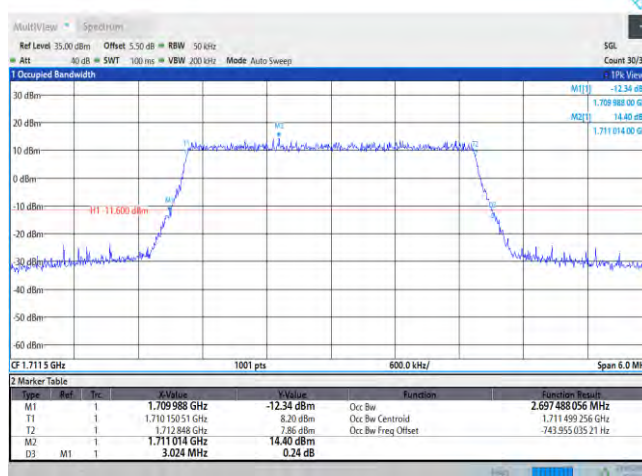
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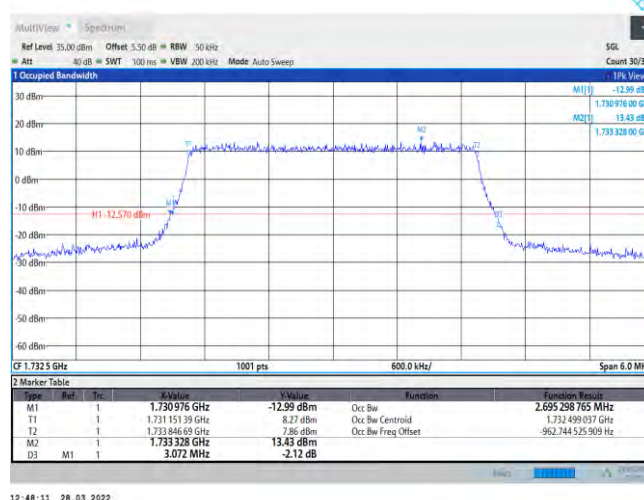
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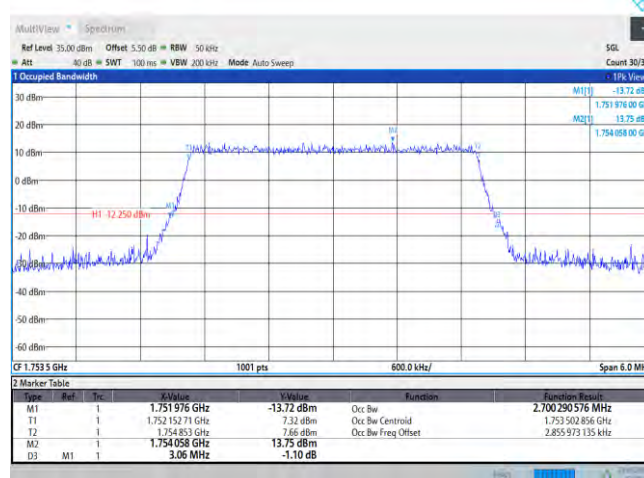
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Band4-3MHz-256QAM-20175-15RB#0



12:48:11 28.03.2022

Band4-3MHz-256QAM-20385-15RB#0



12:49:28 28.03.2022



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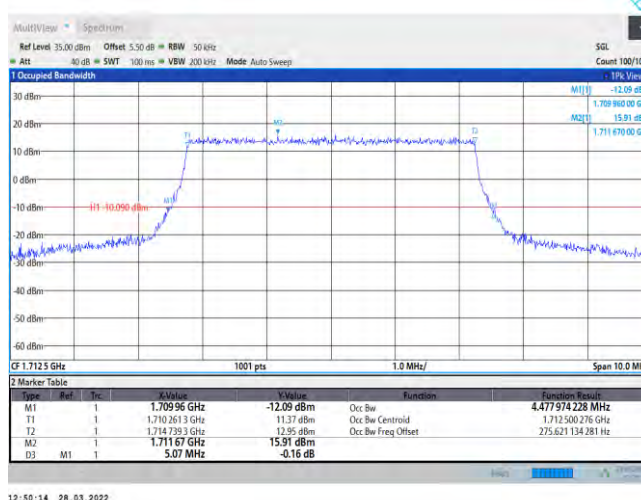
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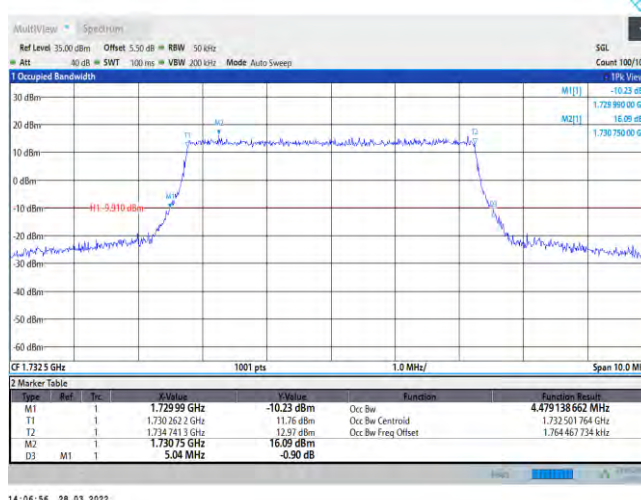
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12:50:14 28.03.2022

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



14:06:56 28.03.2022



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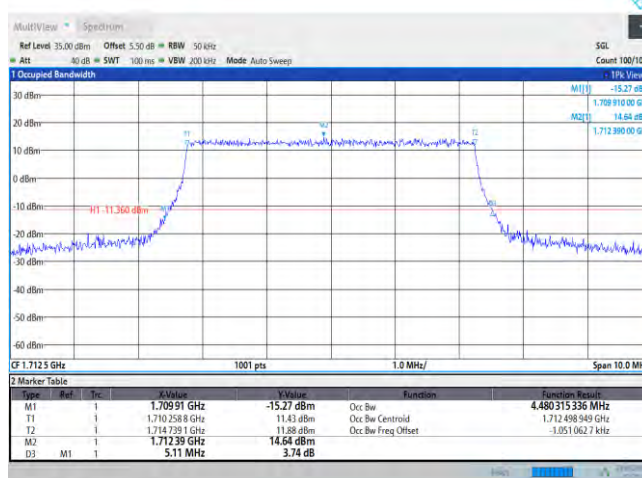
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14:07:21 28.03.2022

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



12:50:39 28.03.2022



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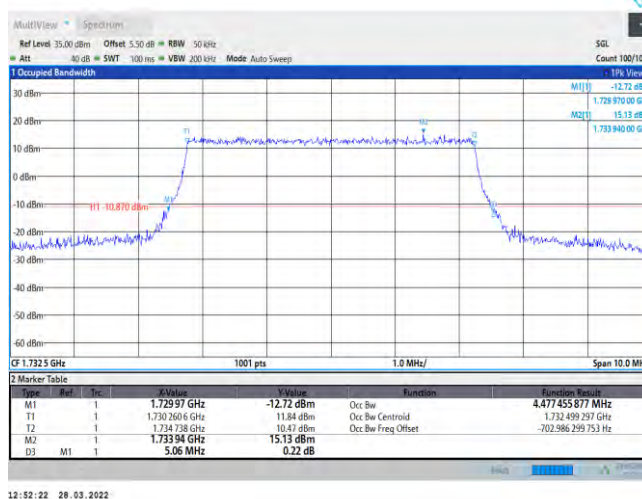
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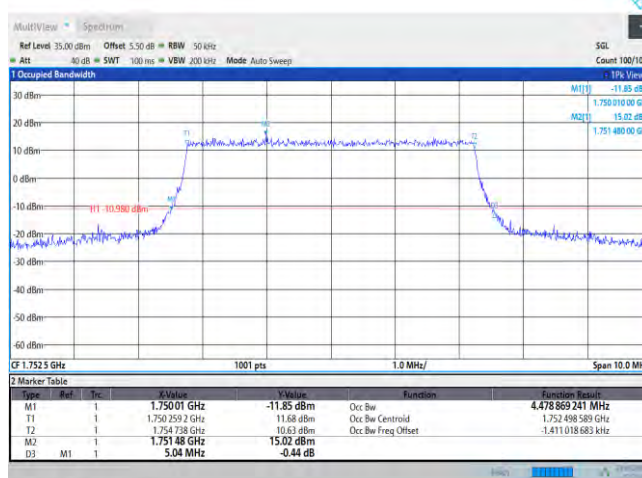
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Band4-5MHz-16QAM-20375-25RB#0



12:54:04 28.03.2022



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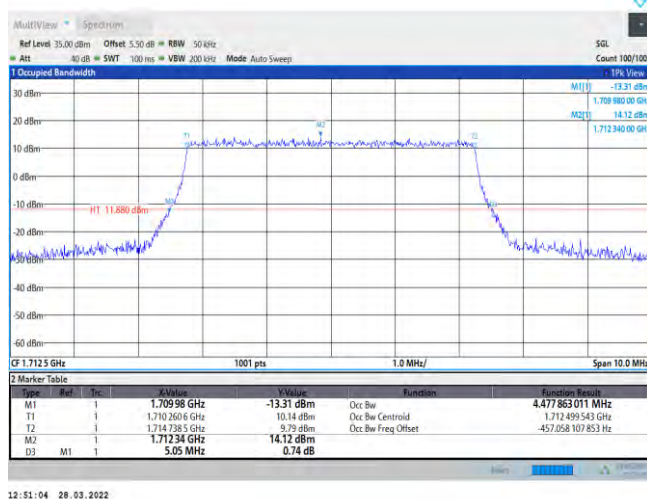
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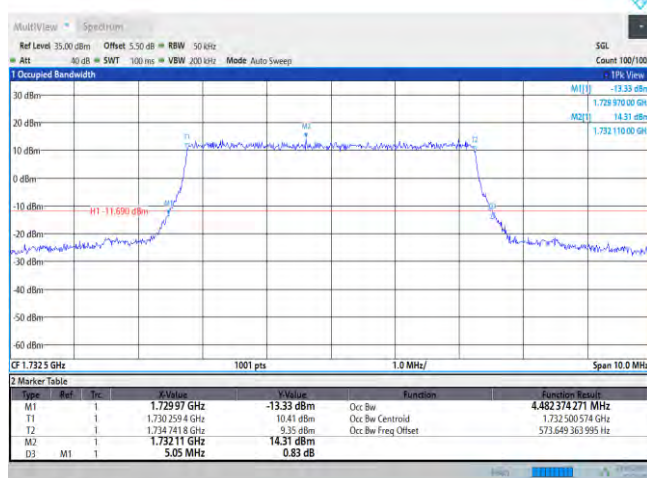
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Band4-5MHz-64QAM-20175-25RB#0



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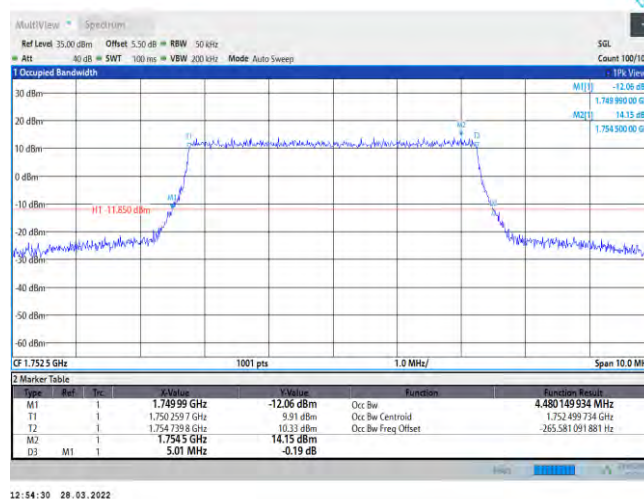
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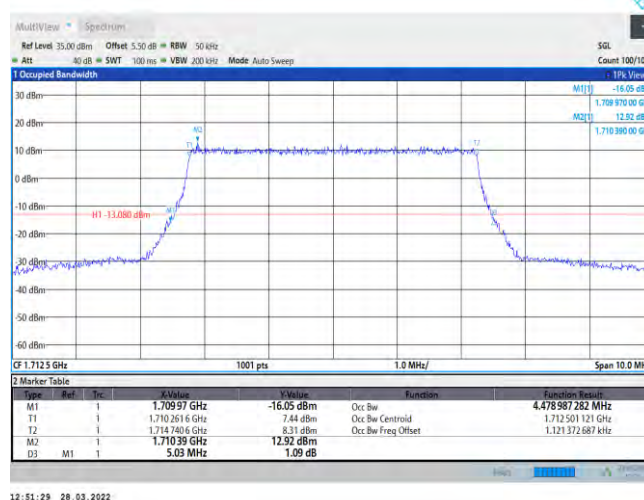
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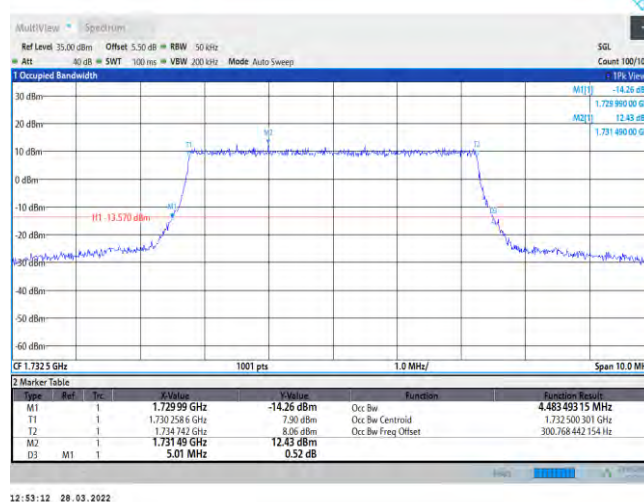
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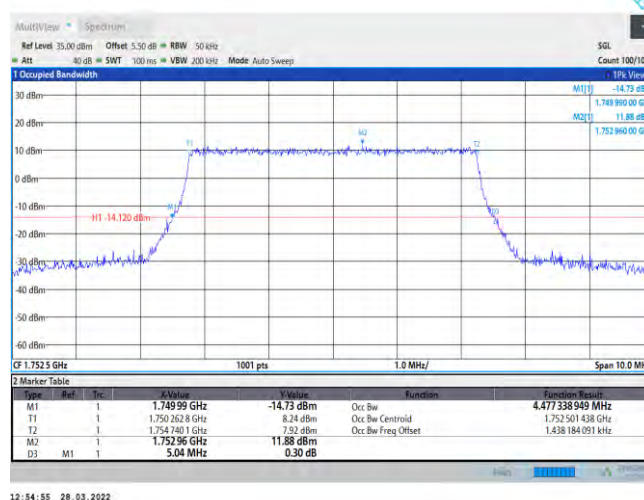
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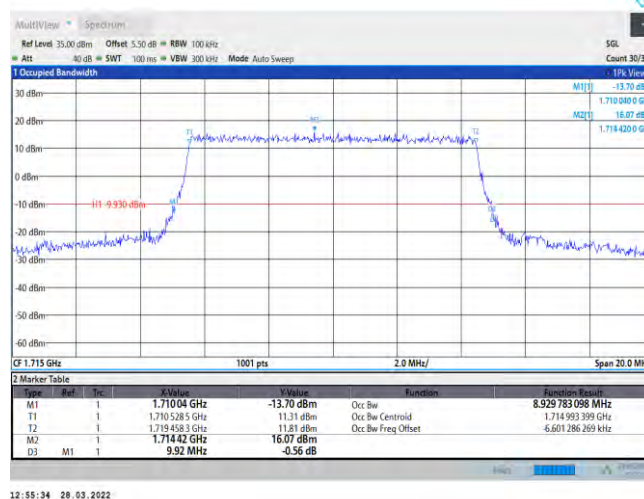
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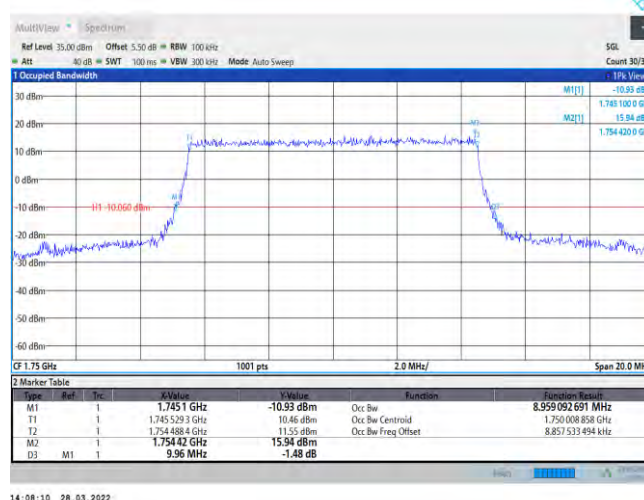
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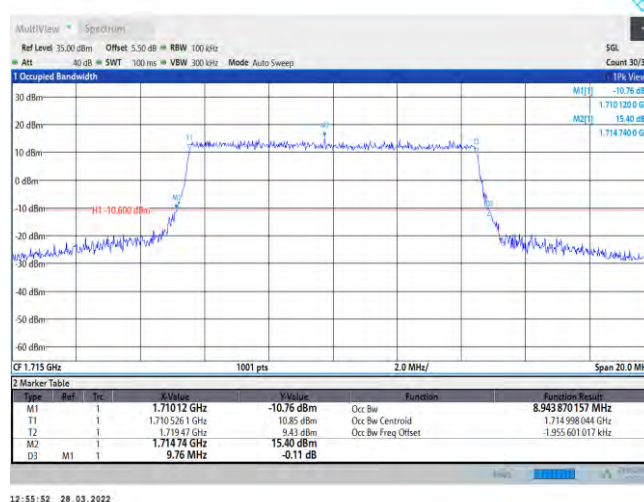
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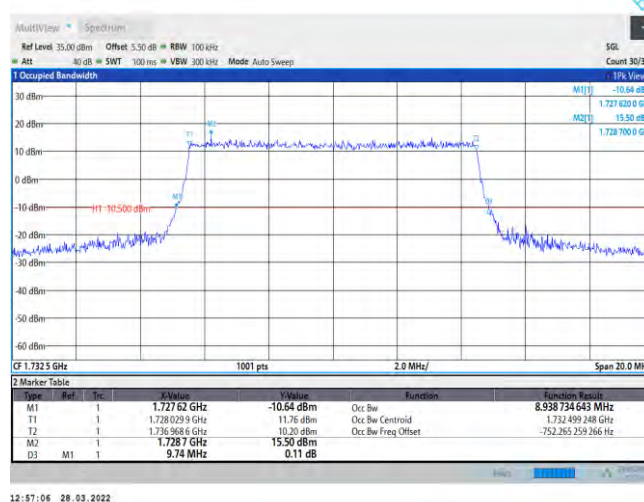
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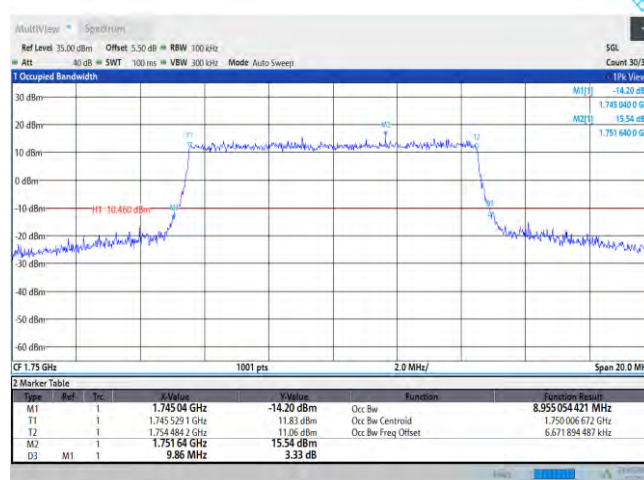
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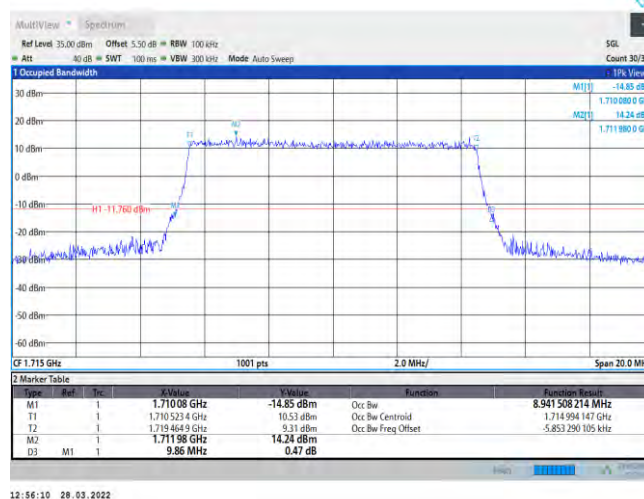
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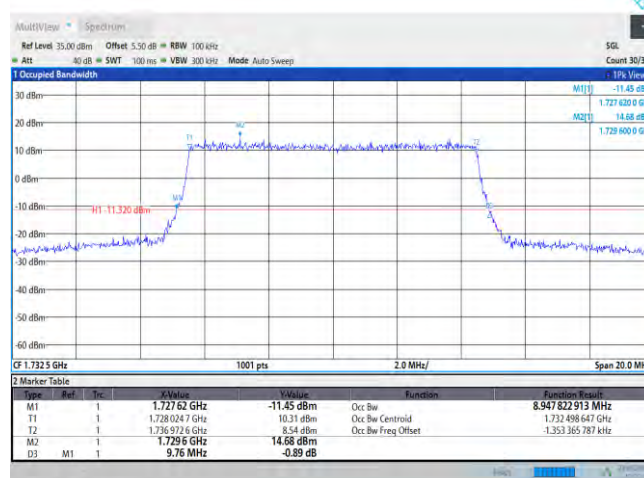
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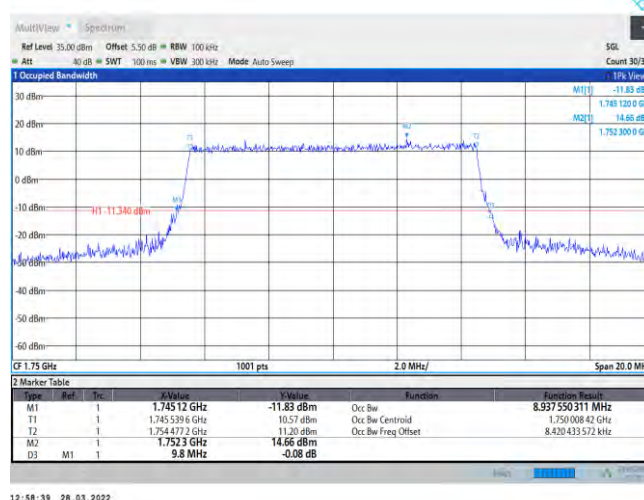
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Band4-10MHz-256QAM-20000-50RB#0



12:56:28 28.03.2022



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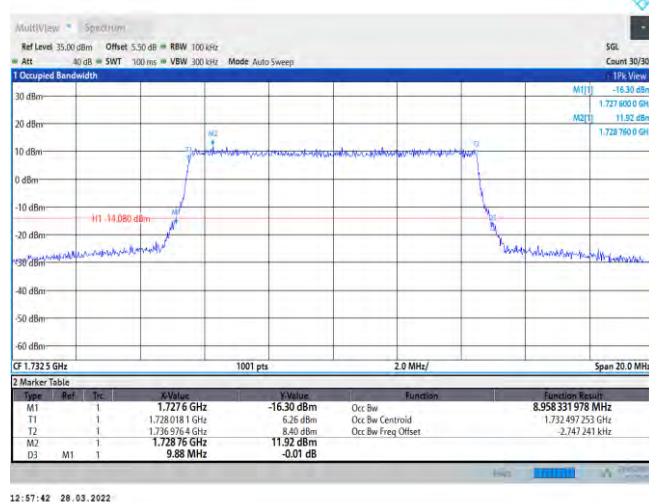
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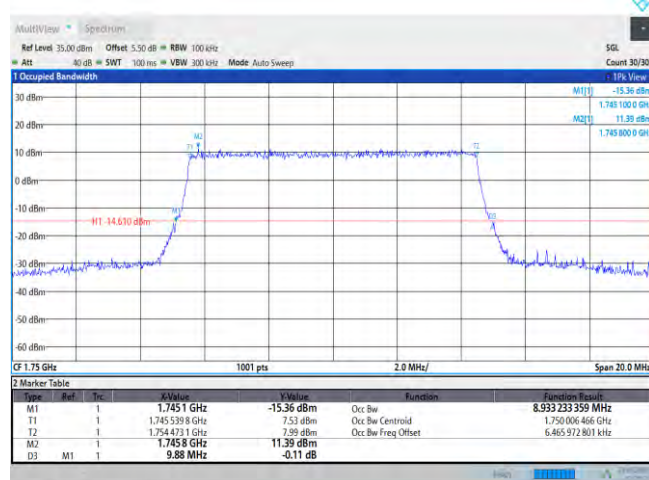
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Band4-10MHz-256QAM-20350-50RB#0



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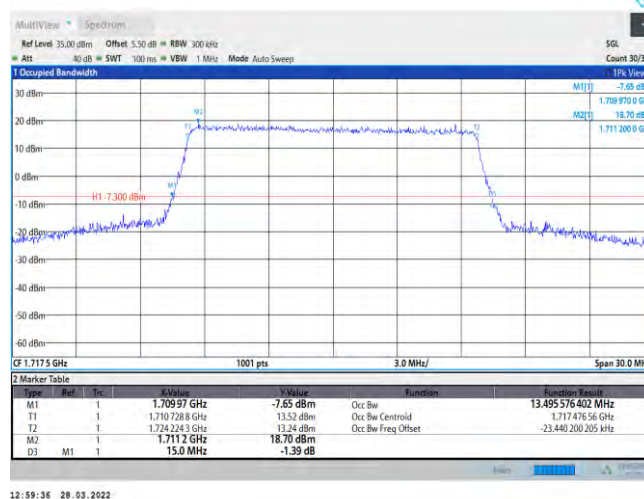
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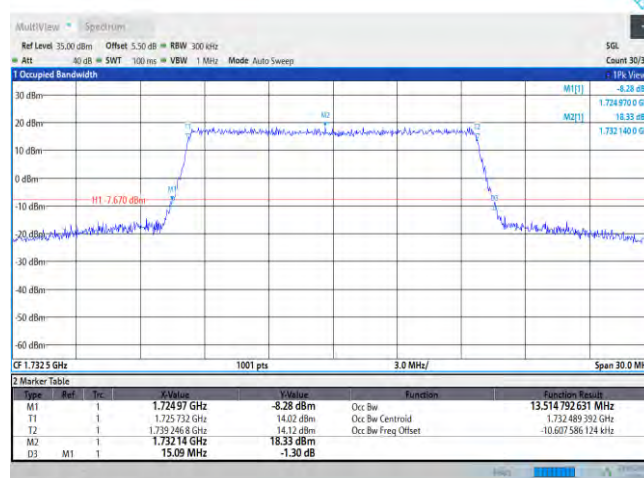
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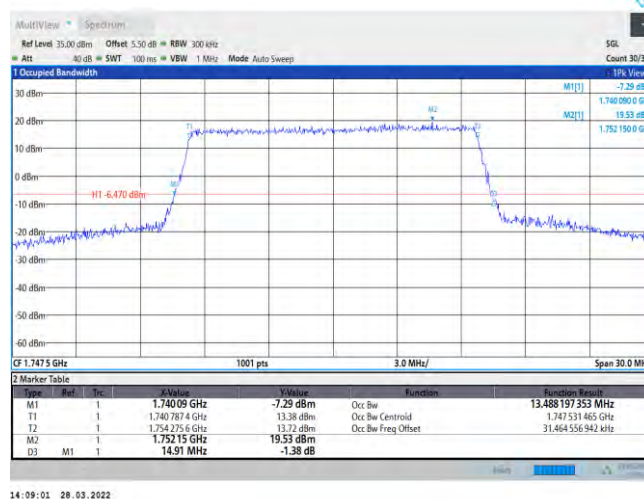
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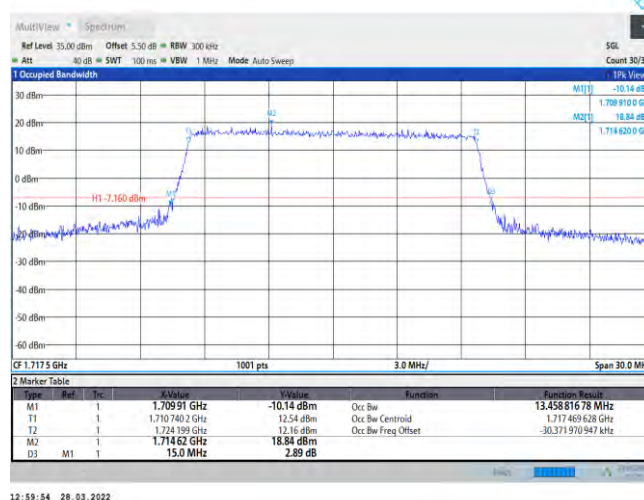
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Band4-15MHz-16QAM-20025-75RB#0



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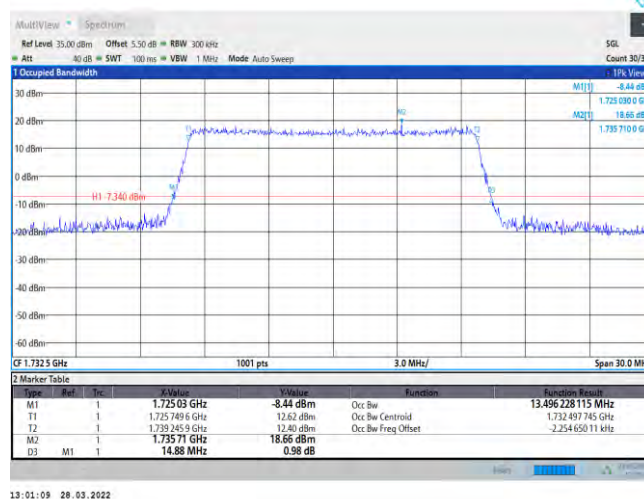
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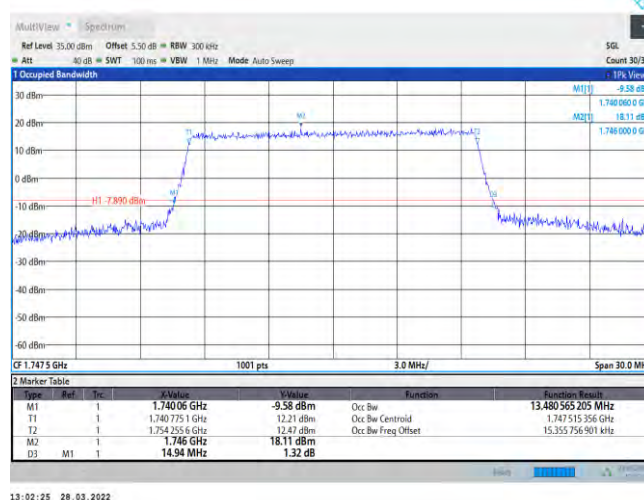
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Band4-15MHz-16QAM-20325-75RB#0



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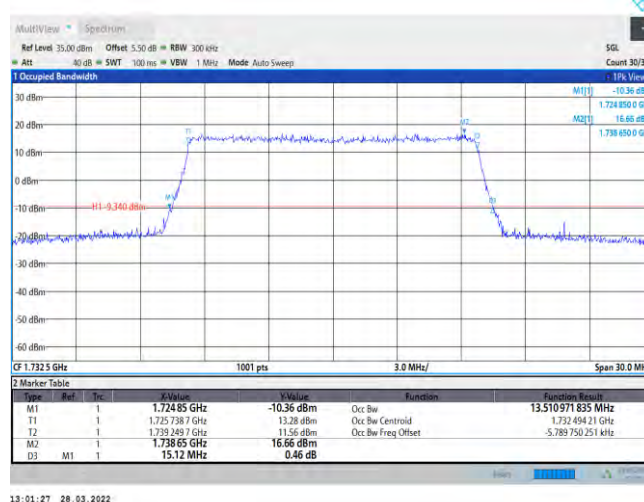
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Band4-15MHz-64QAM-20175-75RB#0



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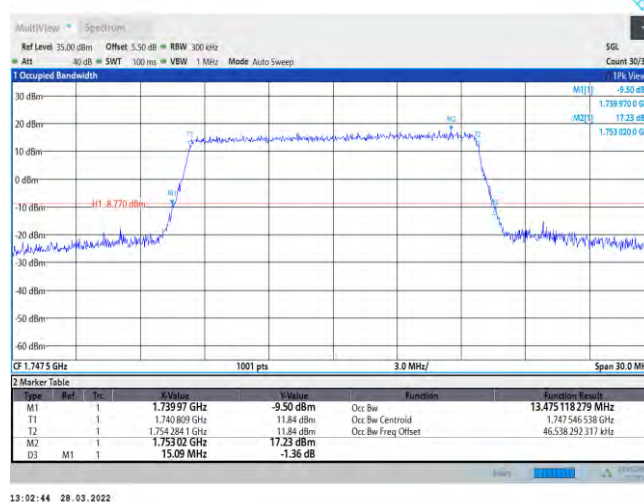
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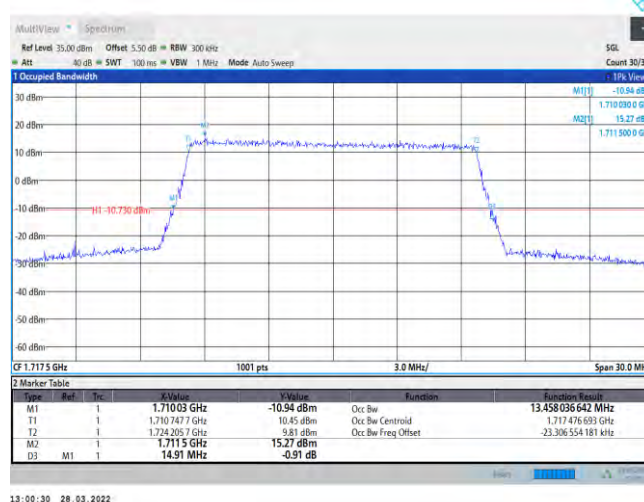
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Band4-15MHz-256QAM-20025-75RB#0



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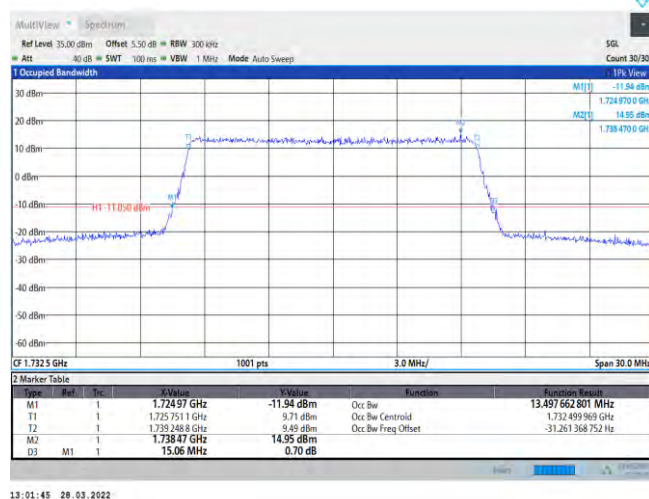
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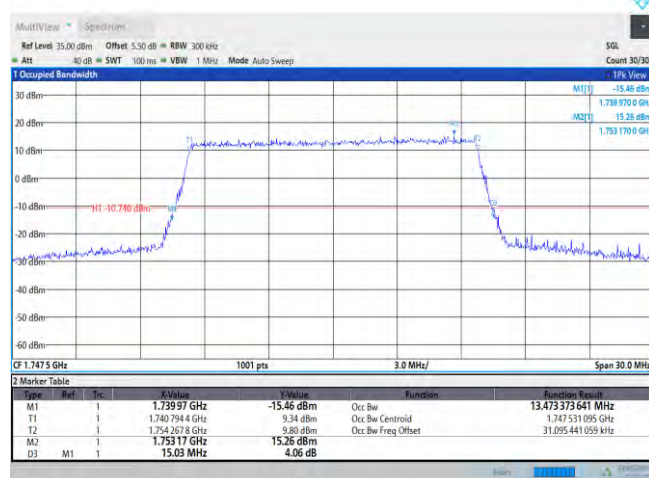
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13:03:02 28.03.2022

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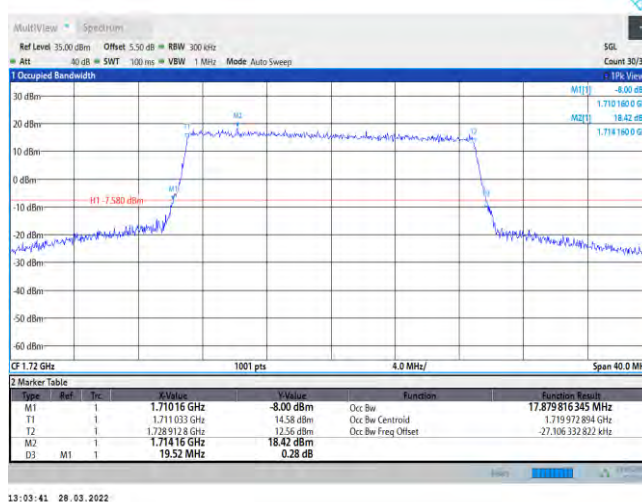
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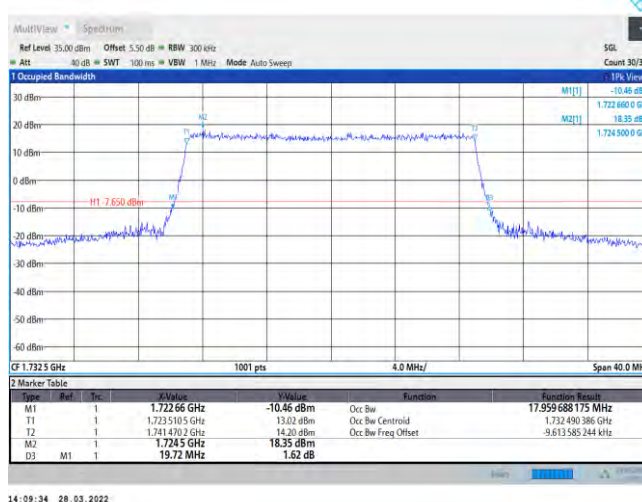
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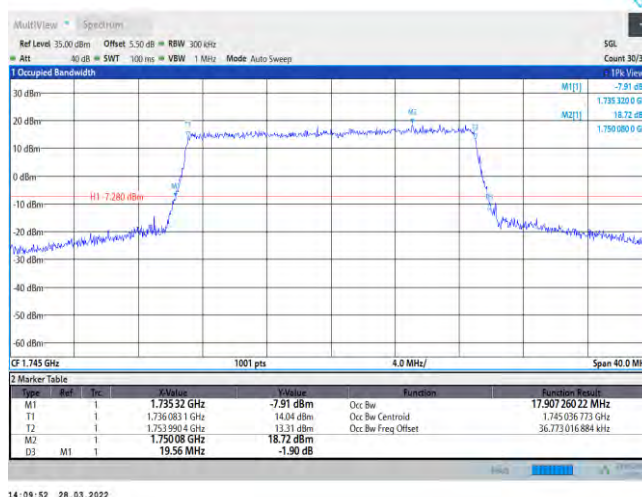
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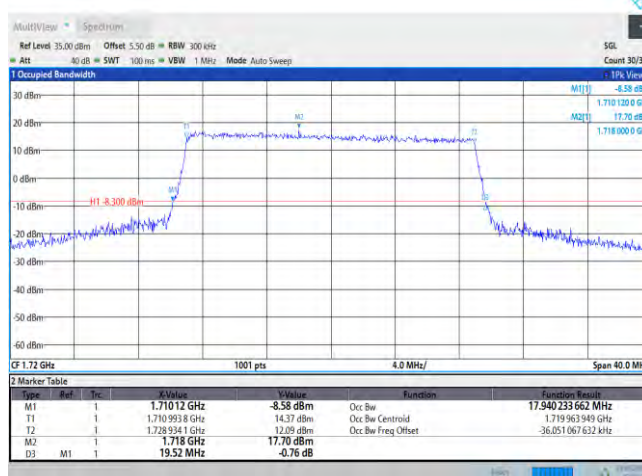
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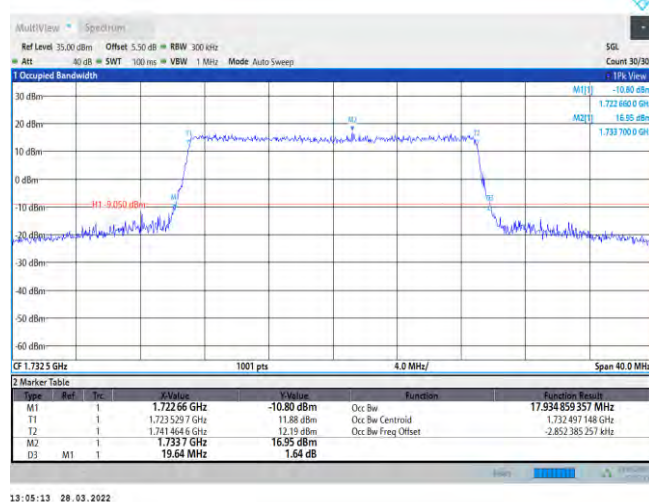
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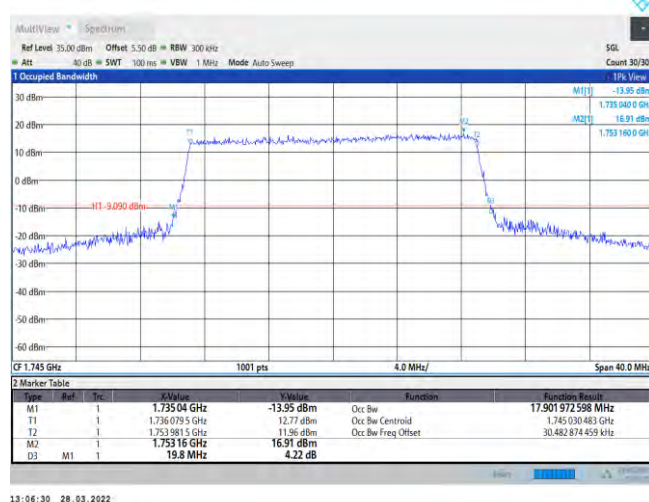
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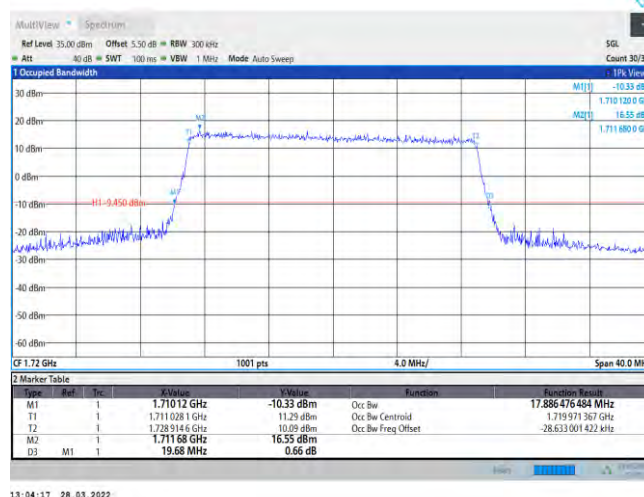
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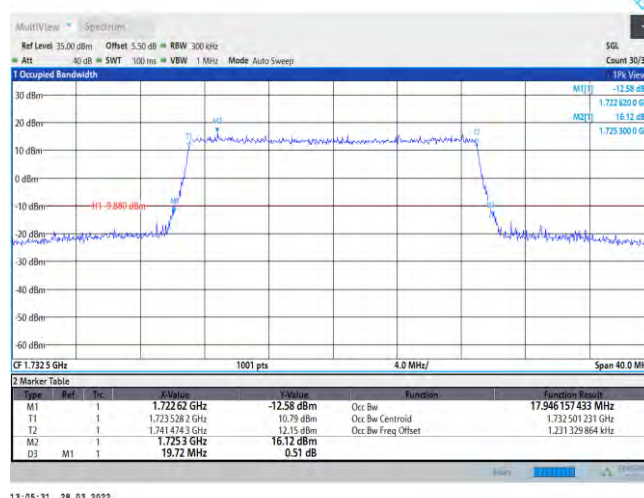
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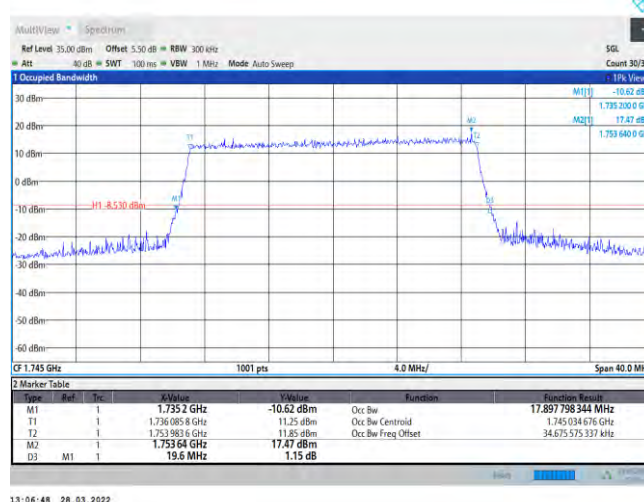
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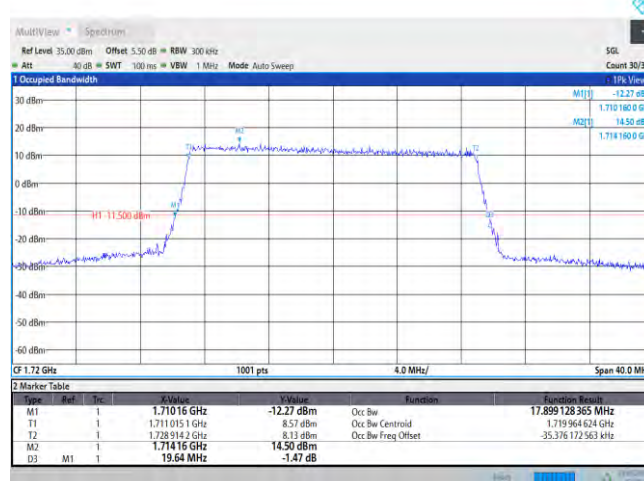
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Band4-20MHz-64QAM-20300-100RB#0



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



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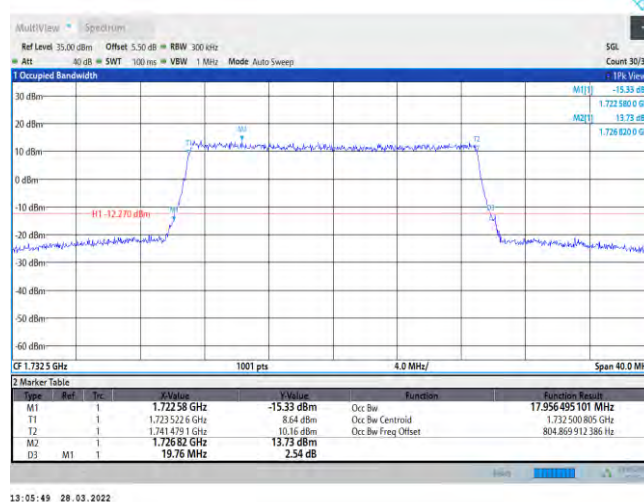
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Band4-20MHz-256QAM-20175-100RB#0



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



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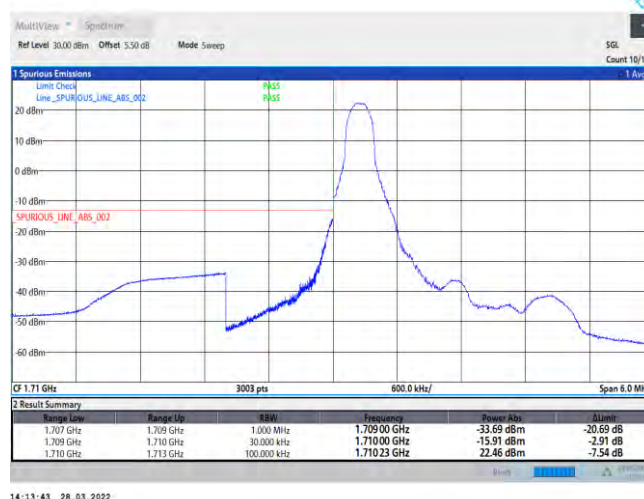
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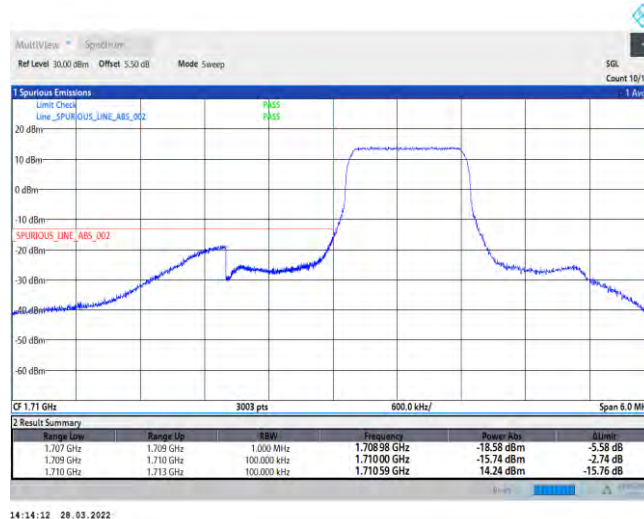
Band Edge

Test Graphs

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



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



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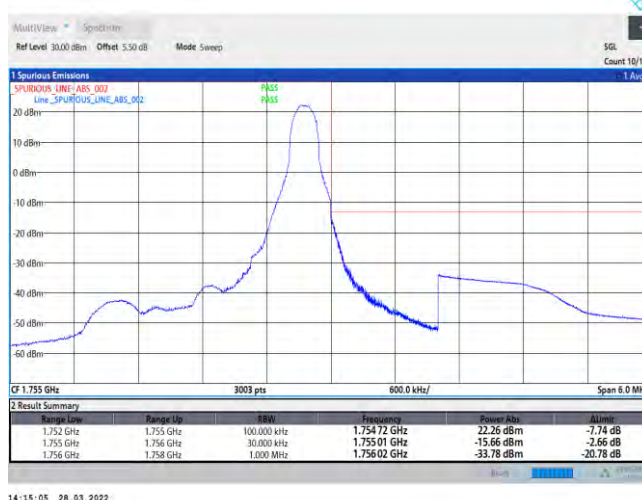
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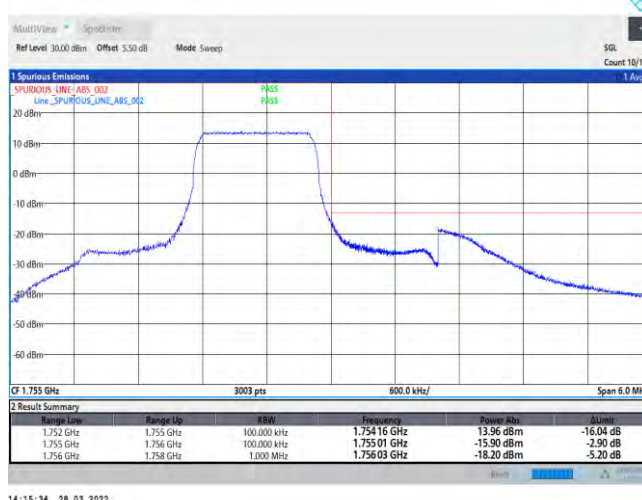
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Band4-1.4MHz-QPSK-20393-1RB#5



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



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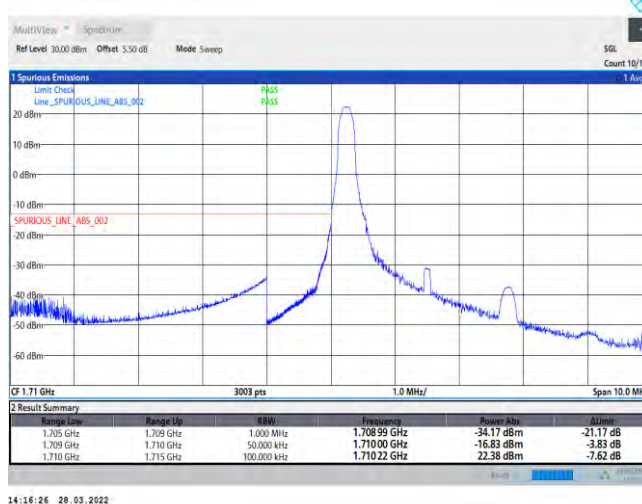
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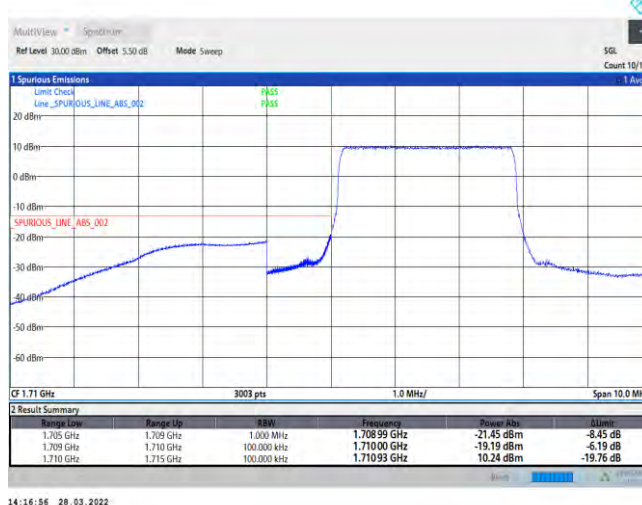
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Band4-3MHz-QPSK-19965-1RB#0



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



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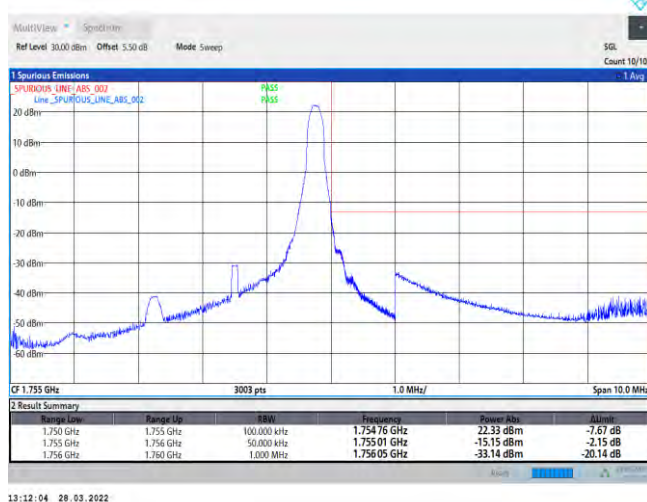
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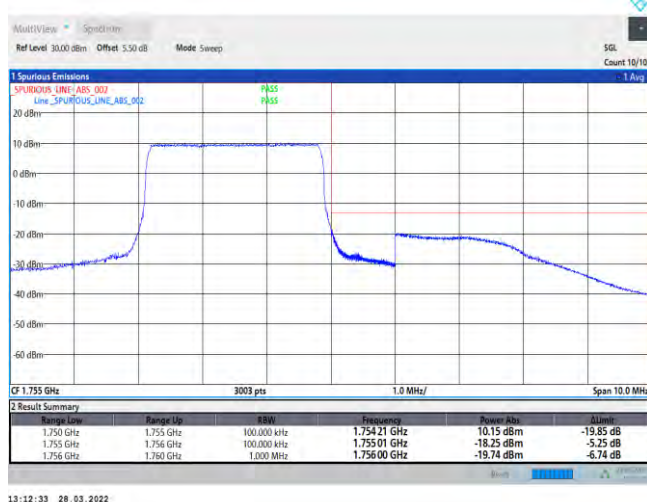
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Band4-3MHz-QPSK-20385-1RB#14



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



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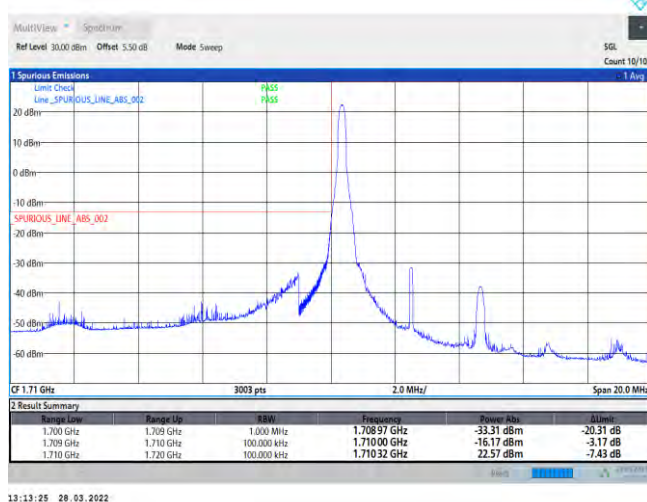
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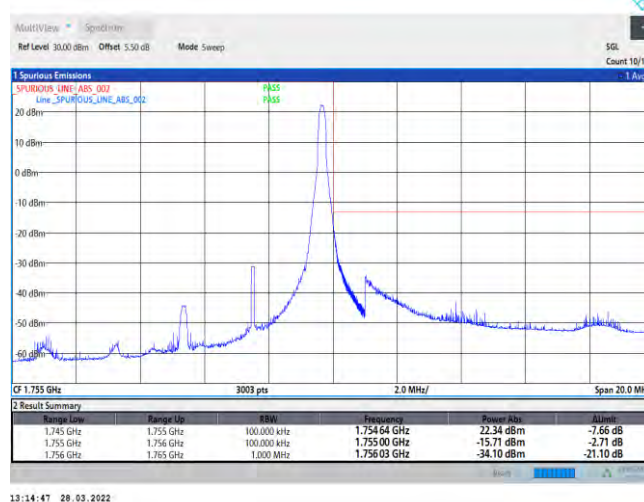
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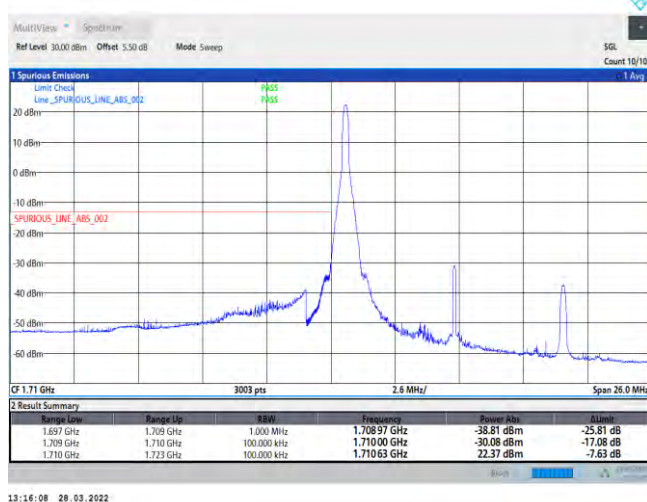
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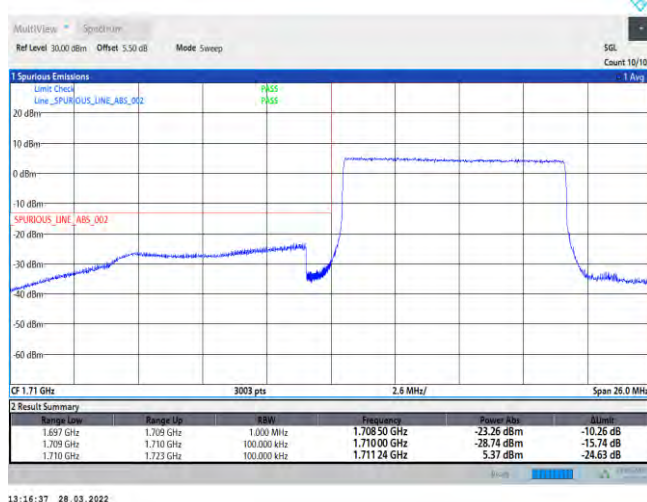
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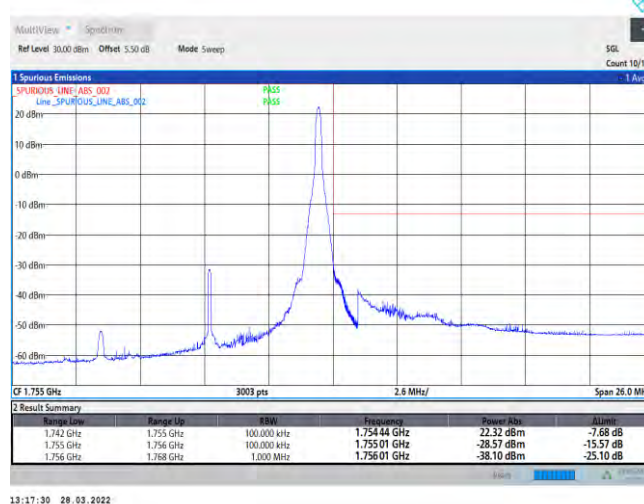
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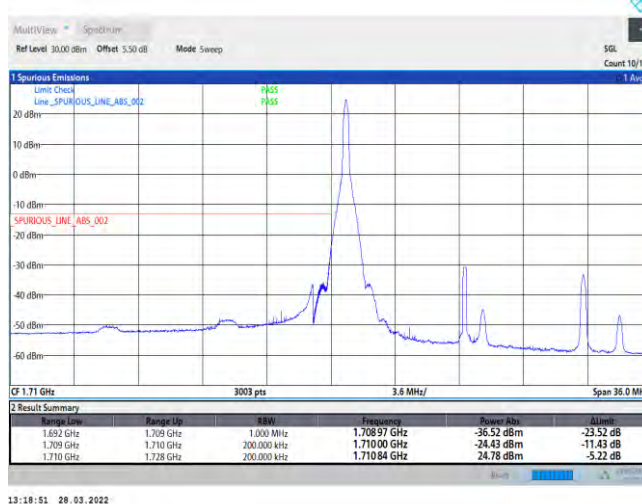
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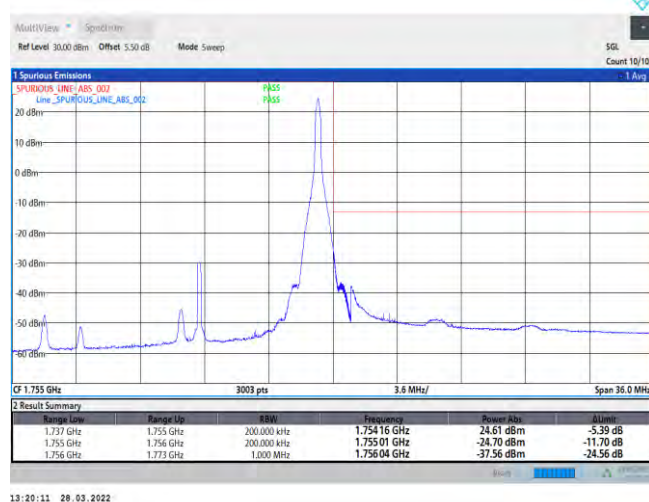
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Band4-15MHz-QPSK-20325-1RB#74



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



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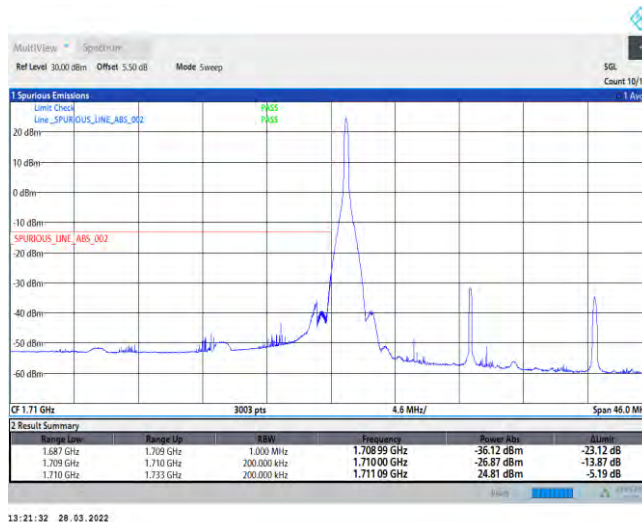
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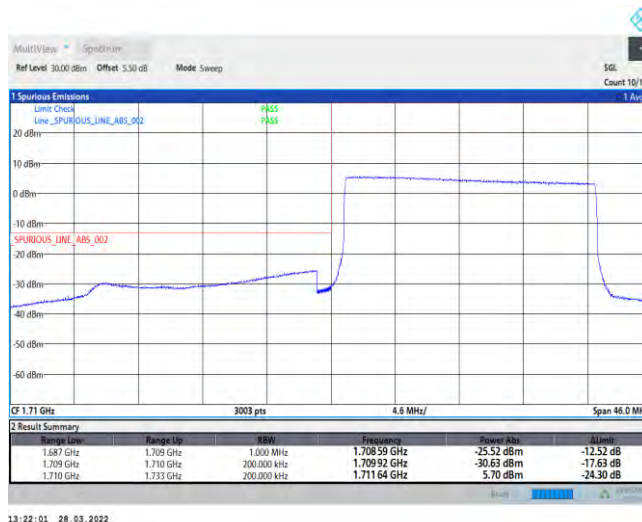
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Band4-20MHz-QPSK-20050-1RB#0



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



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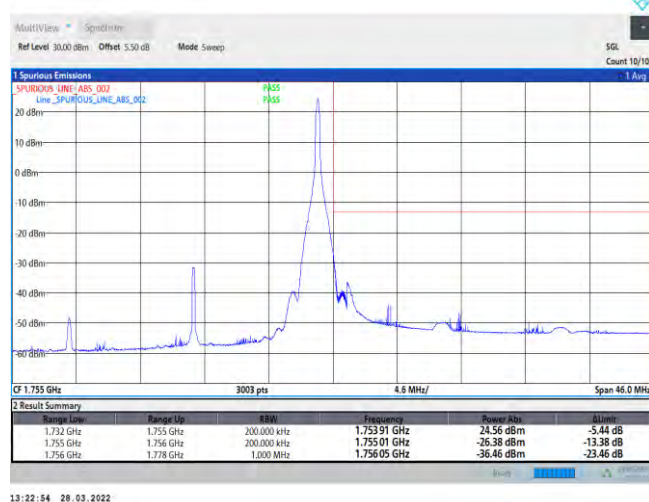
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Band4-20MHz-QPSK-20300-1RB#99



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



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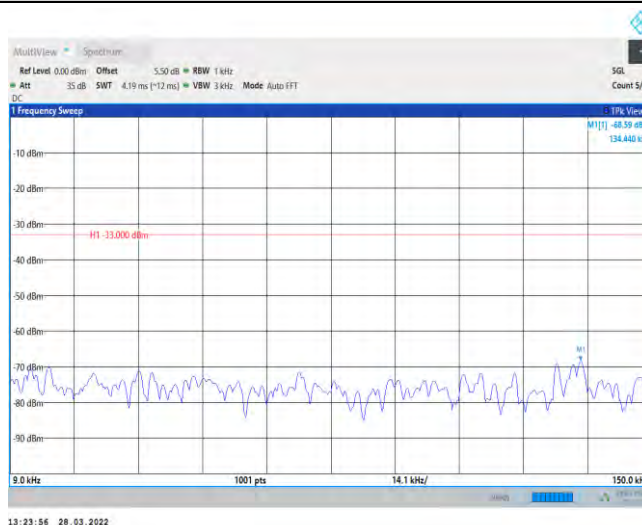
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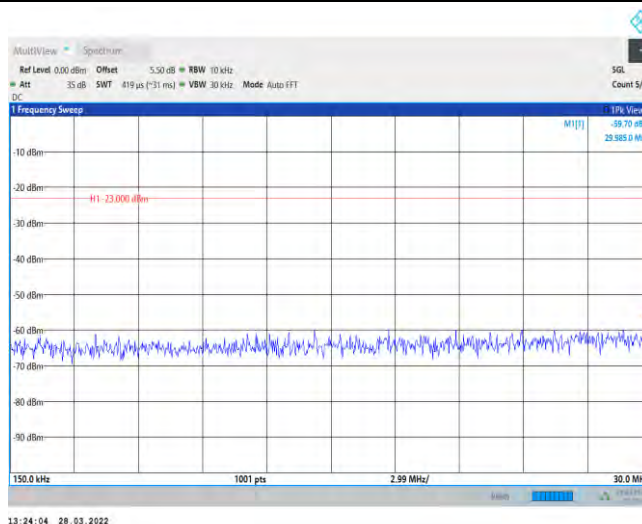
Conducted Spurious Emission

Test Graphs

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



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



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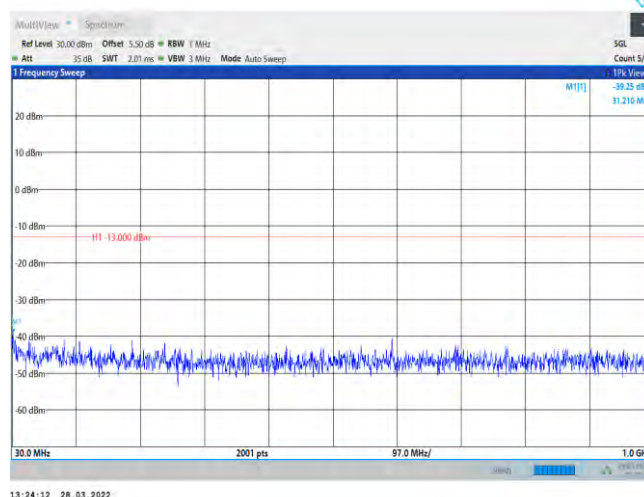
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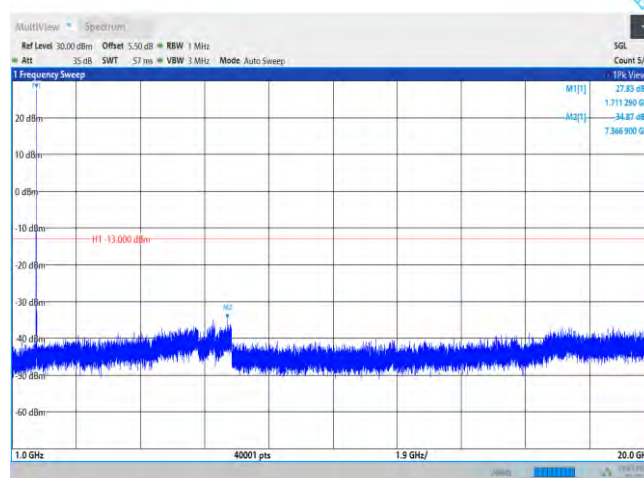
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Band4-20MHz-QPSK-20050-1RB#0-Range3:30~1000MHz



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



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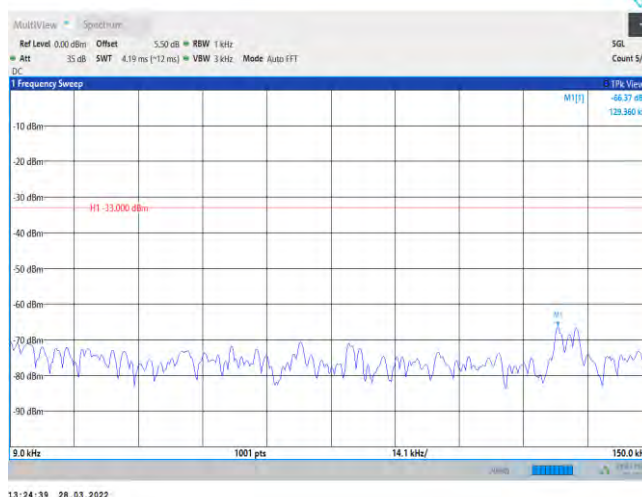
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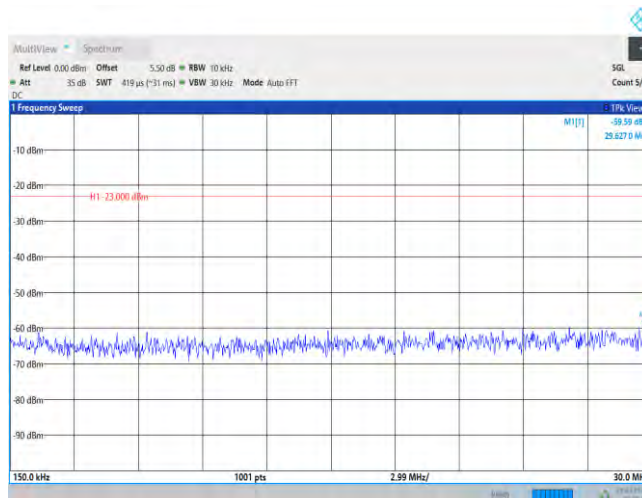
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Band4-20MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz



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



13:24:47 28.03.2022



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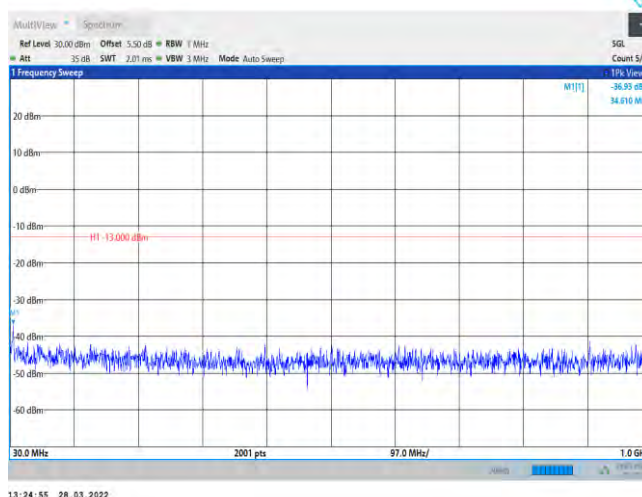
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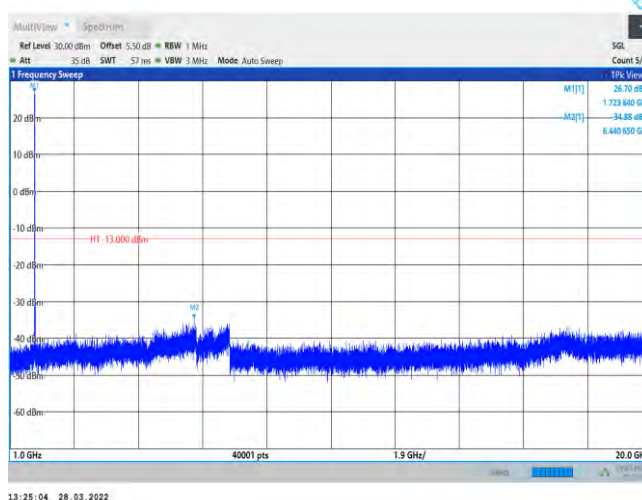
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Band4-20MHz-QPSK-20175-1RB#0-Range3:30~1000MHz



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



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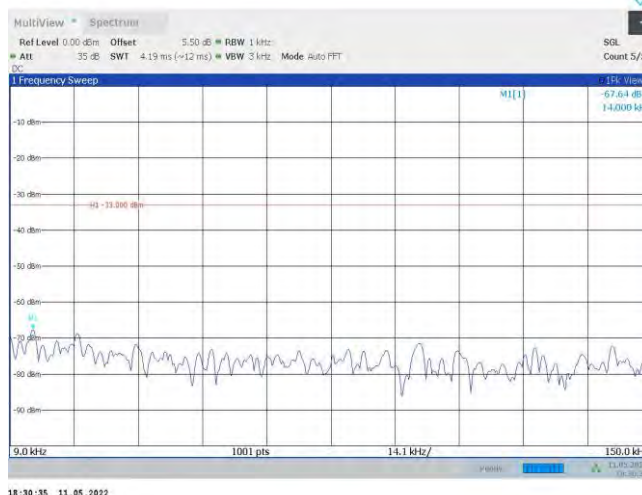
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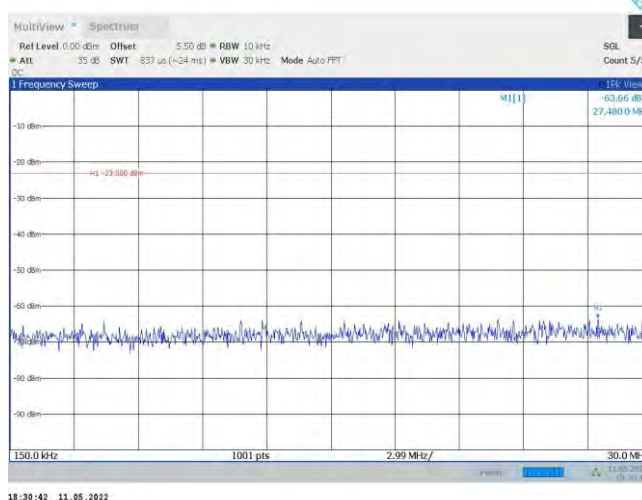
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Band4-20MHz-QPSK-20300-1RB#0-Range1:0.009~0.15MHz



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



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



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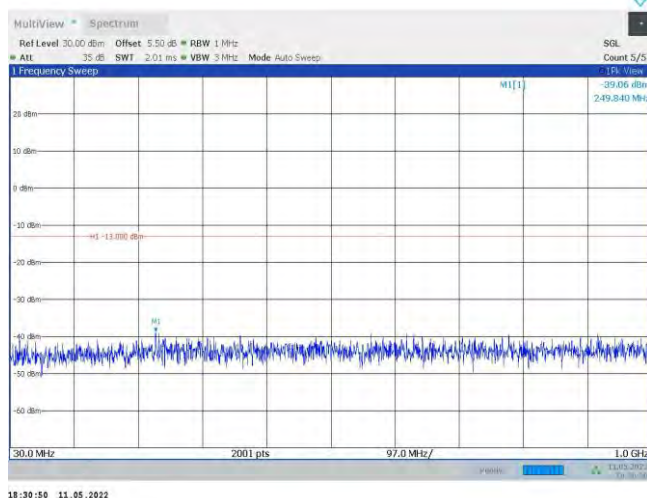
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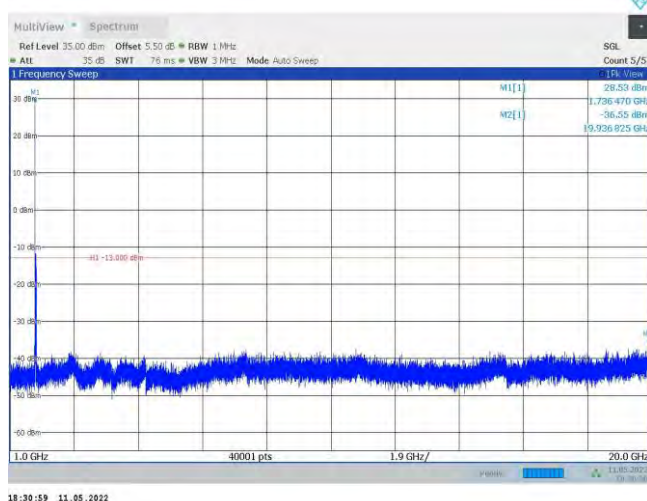
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Band4-20MHz-QPSK-20300-1RB#0-Range4:1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = _LTE Band4 TM1

Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	71.70	-112.09	-40.39	-13.00	27.39	148	262	Horizontal
2	5133.2700	62.45	-107.65	-45.20	-13.00	32.20	159	34	Horizontal
3	6844.3600	61.13	-103.51	-42.38	-13.00	29.38	126	120	Horizontal
4	8555.4500	51.78	-99.06	-47.28	-13.00	34.28	235	55	Horizontal
5	10266.5400	43.85	-95.66	-51.81	-13.00	38.81	148	347	Horizontal
6	11977.6300	41.69	-93.83	-52.14	-13.00	39.14	197	163	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	74.52	-112.09	-37.57	-13.00	24.57	201	193	Vertical
2	5133	68.24	-107.65	-39.41	-13.00	26.41	158	207	Vertical
3	6844.3600	71.90	-103.51	-31.61	-13.00	18.61	213	193	Vertical
4	8555.4500	57.06	-99.06	-42.00	-13.00	29.00	204	347	Vertical
5	10266.5400	47.65	-95.66	-48.01	-13.00	35.01	178	193	Vertical
6	11977.6300	47.14	-93.83	-46.69	-13.00	33.69	190	163	Vertical



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Report No.: SUZR/2022/1002201

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Test Band = _LTE Band4 TM1

Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447	75.11	-112.06	-36.95	-13.00	23.95	155	176	Horizontal
2	5170.5	57.63	-107.59	-49.96	-13.00	36.96	142	48	Horizontal
3	6894.3600	57.74	-103.41	-45.67	-13.00	32.67	136	48	Horizontal
4	8617.9500	54.69	-98.88	-44.19	-13.00	31.19	298	20	Horizontal
5	10341.5400	43.68	-95.47	-51.79	-13.00	38.79	175	356	Horizontal
6	12065.1300	42.12	-93.68	-51.56	-13.00	38.56	126	162	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.1800	74.58	-112.06	-37.48	-13.00	24.48	184	191	Vertical
2	5170.7700	60.71	-107.59	-46.88	-13.00	33.88	266	77	Vertical
3	6894.3600	69.16	-103.41	-34.25	-13.00	21.25	294	206	Vertical
4	8617.9500	56.57	-98.88	-42.31	-13.00	29.31	172	177	Vertical
5	10341.5400	44.92	-95.47	-50.55	-13.00	37.55	200	14	Vertical
6	12065.1300	46.24	-93.68	-47.44	-13.00	34.44	138	133	Vertical



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South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Test Band = _LTE Band4 TM1

Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	75.12	-112.03	-36.91	-13.00	23.91	128	154	Horizontal
2	5208	59.43	-107.54	-48.11	-13.00	35.11	166	356	Horizontal
3	6944.25	61.02	-103.10	-42.08	-13.00	29.08	199	32	Horizontal
4	8680.4500	56.48	-99.00	-42.52	-13.00	29.52	102	19	Horizontal
5	10416.5400	43.03	-95.36	-52.33	-13.00	39.33	188	289	Horizontal
6	12152.6300	42.98	-93.59	-50.61	-13.00	37.61	146	76	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	77.39	-112.03	-34.64	-13.00	21.64	188	148	Vertical
2	5208.2700	67.96	-107.54	-39.58	-13.00	26.58	194	188	Vertical
3	6944.25	72.17	-103.10	-30.93	-13.00	17.93	172	202	Vertical
4	8680.4500	64.75	-99.00	-34.25	-13.00	21.25	233	162	Vertical
5	10416.5400	47.10	-95.36	-48.26	-13.00	35.26	203	318	Vertical
6	12152.6300	52.50	-93.59	-41.09	-13.00	28.09	166	162	Vertical



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t (86-512) 62992980 sgs.china@sgs.com

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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	-0.70	-0.000404	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	0.00	0.000000	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-1.90	-0.001097	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-1.60	-0.000924	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	-1.20	-0.000693	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-1.80	-0.001039	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-0.30	-0.000173	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-1.70	-0.000981	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-3.30	-0.001905	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	-0.30	-0.000173	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-1.40	-0.000808	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-0.60	-0.000346	PASS

The End



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