

## Appendix A: Effective (Isotropic) Radiated Power Output Data

### Test Result

Condition	Band	Channel Bandwidth	Channel	RB Configure	Result (dBm)		Tune-Up	
					QPSK	16QAM	QPSK	16QAM
NTNV	Band4	1.4MHz	19957	1RB#0	23.60	22.38	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	19957	1RB#2	23.41	22.24	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	19957	1RB#5	23.43	22.11	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	19957	3RB#0	23.52	22.37	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	19957	3RB#1	23.36	22.05	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	19957	3RB#3	23.23	21.99	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	19957	6RB#0	23.50	22.24	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20175	1RB#0	23.50	22.29	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20175	1RB#2	23.88	22.71	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20175	1RB#5	23.37	22.22	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20175	3RB#0	23.38	22.40	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20175	3RB#1	23.75	<b>22.77</b>	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20175	3RB#3	23.34	22.25	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20175	6RB#0	23.84	22.75	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20393	1RB#0	23.07	21.94	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20393	1RB#2	23.03	21.72	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20393	1RB#5	23.09	21.78	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20393	3RB#0	23.05	21.71	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20393	3RB#1	23.00	21.91	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20393	3RB#3	22.93	21.81	23.0±1.0	22.0±1.0
NTNV	Band4	1.4MHz	20393	6RB#0	22.96	21.84	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	19965	1RB#0	23.46	22.35	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	19965	1RB#8	23.82	22.47	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	19965	1RB#14	<b>23.92</b>	22.78	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	19965	8RB#0	23.33	22.22	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	19965	8RB#4	23.66	22.68	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	19965	8RB#7	23.81	22.80	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	19965	15RB#0	23.73	22.50	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	20175	1RB#0	23.15	21.91	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	20175	1RB#8	23.90	22.73	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	20175	1RB#14	23.64	22.55	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	20175	8RB#0	22.94	21.67	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	20175	8RB#4	23.69	22.39	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	20175	8RB#7	23.52	22.17	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	20175	15RB#0	23.84	<b>22.85</b>	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	20385	1RB#0	23.67	22.42	23.0±1.0	22.0±1.0

NTNV	Band4	3MHz	20385	1RB#8	23.27	22.27	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	20385	1RB#14	23.77	22.74	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	20385	8RB#0	23.56	22.22	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	20385	8RB#4	23.26	22.11	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	20385	8RB#7	23.60	22.25	23.0±1.0	22.0±1.0
NTNV	Band4	3MHz	20385	15RB#0	23.66	22.56	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	19975	1RB#0	23.00	21.96	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	19975	1RB#12	23.43	22.35	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	19975	1RB#24	23.41	22.43	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	19975	12RB#0	22.98	21.75	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	19975	12RB#6	23.35	22.16	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	19975	12RB#13	23.26	21.94	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	19975	25RB#0	23.29	22.30	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20175	1RB#0	<b>23.82</b>	<b>22.81</b>	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20175	1RB#12	23.00	21.67	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20175	1RB#24	23.29	22.17	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20175	12RB#0	23.65	22.46	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20175	12RB#6	22.84	21.74	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20175	12RB#13	23.27	22.10	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20175	25RB#0	23.80	22.79	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20375	1RB#0	23.72	22.70	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20375	1RB#12	23.38	22.14	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20375	1RB#24	23.16	21.90	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20375	12RB#0	23.61	22.37	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20375	12RB#6	23.36	22.02	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20375	12RB#13	23.08	21.90	23.0±1.0	22.0±1.0
NTNV	Band4	5MHz	20375	25RB#0	23.67	22.42	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20000	1RB#0	23.26	22.23	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20000	1RB#24	23.80	22.60	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20000	1RB#49	23.63	22.37	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20000	25RB#0	23.24	22.18	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20000	25RB#12	23.67	22.41	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20000	25RB#25	23.42	22.07	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20000	50RB#0	23.62	22.30	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20175	1RB#0	23.74	22.70	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20175	1RB#24	23.87	22.54	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20175	1RB#49	23.26	21.91	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20175	25RB#0	23.68	<b>22.71</b>	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20175	25RB#12	23.77	22.47	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20175	25RB#25	23.14	22.14	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20175	50RB#0	23.76	22.57	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20350	1RB#0	23.82	22.64	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20350	1RB#24	23.81	22.66	23.0±1.0	22.0±1.0

NTNV	Band4	10MHz	20350	1RB#49	<b>23.92</b>	22.66	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20350	25RB#0	23.68	22.67	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20350	25RB#12	23.68	22.47	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20350	25RB#25	23.75	22.67	23.0±1.0	22.0±1.0
NTNV	Band4	10MHz	20350	50RB#0	23.74	22.45	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20025	1RB#0	23.20	22.00	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20025	1RB#38	23.26	22.02	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20025	1RB#74	23.03	21.76	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20025	38RB#0	23.01	21.79	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20025	38RB#18	23.18	22.09	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20025	38RB#37	22.96	21.83	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20025	75RB#0	23.26	22.19	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20175	1RB#0	23.83	22.78	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20175	1RB#38	23.53	22.54	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20175	1RB#74	23.07	21.87	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20175	38RB#0	23.71	22.68	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20175	38RB#18	23.43	22.13	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20175	38RB#37	22.98	22.01	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20175	75RB#0	23.74	22.42	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20325	1RB#0	23.91	<b>22.82</b>	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20325	1RB#38	23.06	21.86	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20325	1RB#74	23.02	21.80	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20325	38RB#0	23.76	22.64	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20325	38RB#18	22.88	21.76	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20325	38RB#37	22.83	21.75	23.0±1.0	22.0±1.0
NTNV	Band4	15MHz	20325	75RB#0	23.76	22.77	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20050	1RB#0	23.56	22.22	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20050	1RB#49	23.39	22.40	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20050	1RB#99	23.72	22.38	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20050	50RB#0	23.46	22.30	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20050	50RB#25	23.33	22.18	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20050	50RB#50	23.61	22.40	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20050	100RB#0	23.66	22.54	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20175	1RB#0	23.22	21.88	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20175	1RB#49	23.75	22.42	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20175	1RB#99	23.74	22.68	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20175	50RB#0	23.09	21.88	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20175	50RB#25	23.57	22.33	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20175	50RB#50	23.74	<b>22.75</b>	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20175	100RB#0	23.65	22.53	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20300	1RB#0	23.82	22.65	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20300	1RB#49	23.05	21.99	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20300	1RB#99	23.90	22.72	23.0±1.0	22.0±1.0

NTNV	Band4	20MHz	20300	50RB#0	23.72	22.52	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20300	50RB#25	22.85	21.60	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20300	50RB#50	23.76	22.70	23.0±1.0	22.0±1.0
NTNV	Band4	20MHz	20300	100RB#0	23.89	22.68	23.0±1.0	22.0±1.0

## Appendix B: Peak-to-Average Ratio(CCDF)

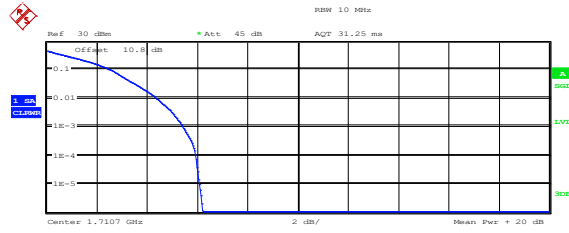
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	5.42	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.77	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	5.06	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.51	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	5.67	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.83	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	6.25	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.54	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.83	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.25	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	6.25	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.57	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	5.51	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.83	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	5.26	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.54	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	5.74	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.93	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	6.38	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.63	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	6.03	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.25	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	6.57	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.63	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	5.61	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.87	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	5.35	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.54	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	5.80	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.87	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	6.15	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.54	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	6.12	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.22	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	6.31	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.54	13	PASS

Band4	10MHz	QPSK	20000	1RB#0	5.51	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.87	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	5.48	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.54	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	5.74	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.80	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	6.47	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.67	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	6.22	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.41	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	6.70	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.57	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	6.03	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	6.03	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	5.87	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.87	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	5.80	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.80	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	6.92	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.92	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	6.79	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.79	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	6.76	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.76	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	6.67	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	6.67	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	6.47	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	6.47	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	6.38	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	6.38	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	7.31	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	7.31	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	7.18	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	7.18	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	7.15	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	7.15	13	PASS

# Test Graphs

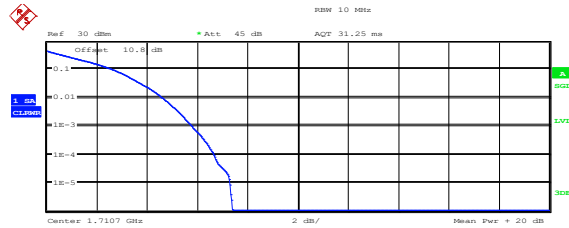
## Band4-1.4MHz-QPSK-19957-1RB#0



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	8.86 dBm
Peak	15.13 dBm
Crest	6.26 dB
10 %	2.53 dB
1 %	4.36 dB
.1 %	5.42 dB
.01 %	5.93 dB

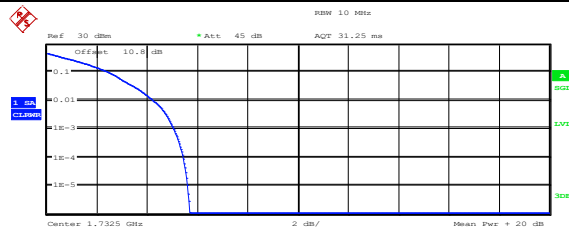
## Band4-1.4MHz-QPSK-19957-6RB#0



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	7.94 dBm
Peak	15.41 dBm
Crest	7.46 dB
10 %	2.63 dB
1 %	4.58 dB
.1 %	5.77 dB
.01 %	6.63 dB

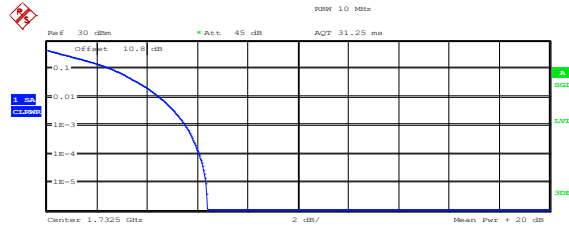
## Band4-1.4MHz-QPSK-20175-1RB#0



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	8.66 dBm
Peak	14.42 dBm
Crest	5.76 dB
10 %	2.47 dB
1 %	4.23 dB
.1 %	5.06 dB
.01 %	5.45 dB

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

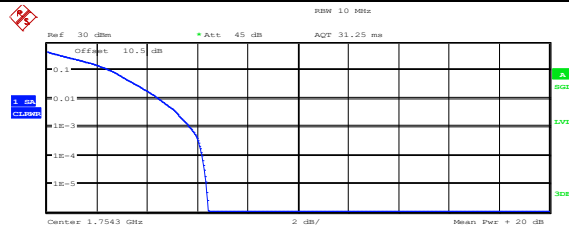


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.82 dBm  
 Peak 14.21 dBm  
 Crest 6.39 dB

10 %	2.56 dB
1 %	4.46 dB
.1 %	5.51 dB
.01 %	6.06 dB

### Band4-1.4MHz-QPSK-20393-1RB#0

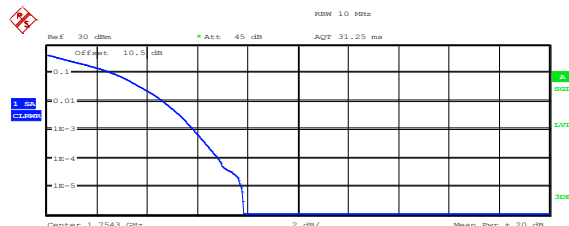


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 9.04 dBm  
 Peak 15.48 dBm  
 Crest 6.44 dB

10 %	2.53 dB
1 %	4.46 dB
.1 %	5.67 dB
.01 %	6.19 dB

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



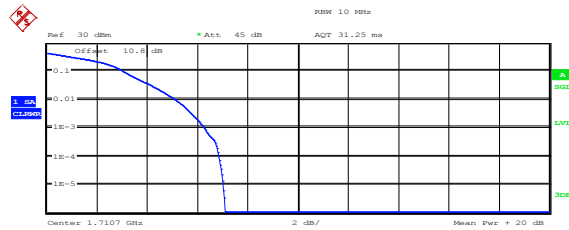
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.79 dBm  
 Peak 15.69 dBm  
 Crest 7.90 dB

10 %	2.63 dB
1 %	4.62 dB
.1 %	5.83 dB
.01 %	6.79 dB

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



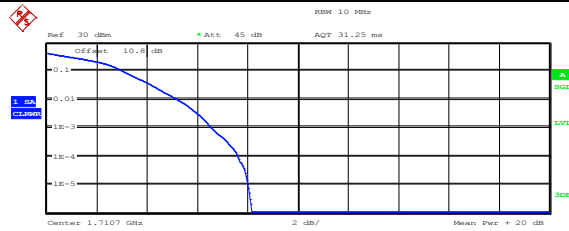


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 8.52 dBm  
 Peak 15.69 dBm  
 Crest 7.17 dB

10 %	3.04 dB
1 %	5.10 dB
.1 %	6.25 dB
.01 %	6.86 dB

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

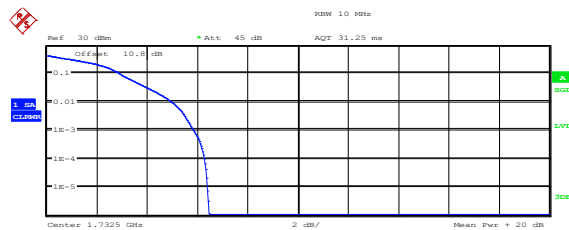


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.32 dBm  
 Peak 15.55 dBm  
 Crest 8.23 dB

10 %	3.04 dB
1 %	5.19 dB
.1 %	6.54 dB
.01 %	7.60 dB

### Band4-1.4MHz-16QAM-20175-1RB#0

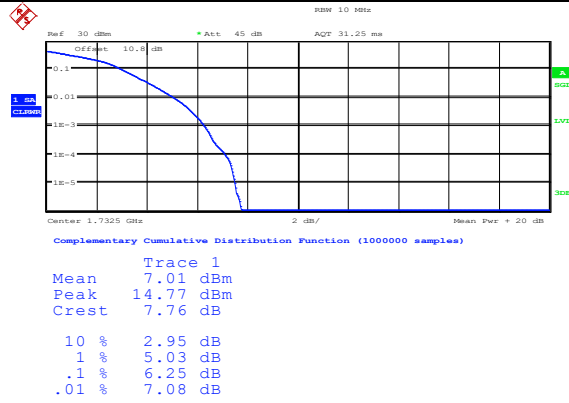


Complementary Cumulative Distribution Function (1000000 samples)

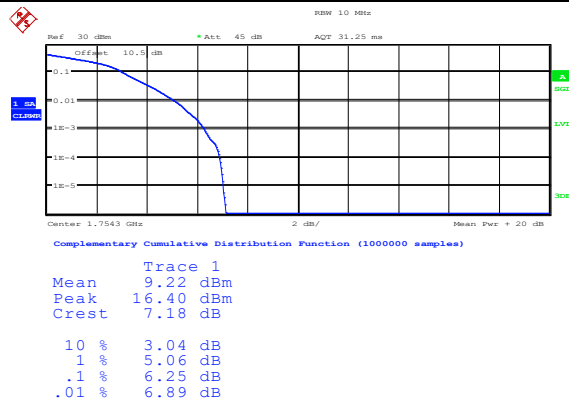
Trace 1  
 Mean 8.11 dBm  
 Peak 14.56 dBm  
 Crest 6.46 dB

10 %	2.92 dB
1 %	4.97 dB
.1 %	5.83 dB
.01 %	6.28 dB

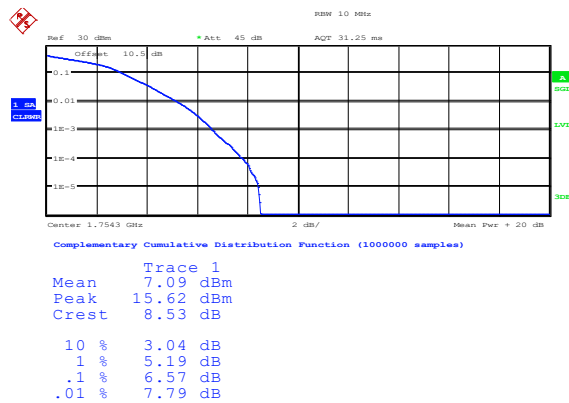
### Band4-1.4MHz-16QAM-20175-6RB#0



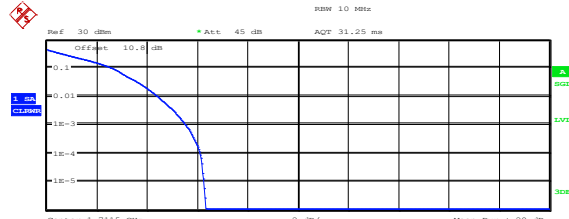
### Band4-1.4MHz-16QAM-20393-1RB#0



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



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

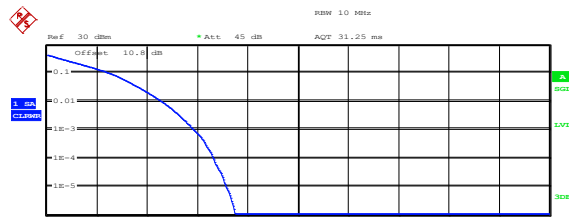


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 8.78 dBm  
 Peak 15.13 dBm  
 Crest 6.35 dB

10	2.60 dB
1	4.39 dB
.1	5.51 dB
.01	6.09 dB

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

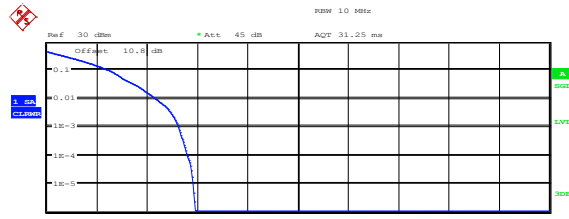


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.84 dBm  
 Peak 15.41 dBm  
 Crest 7.57 dB

10	2.50 dB
1	4.55 dB
.1	5.83 dB
.01	6.63 dB

### Band4-3MHz-QPSK-20175-1RB#0

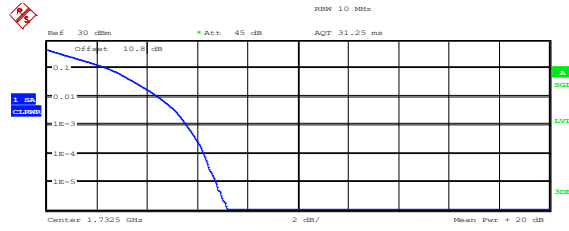


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 8.64 dBm  
 Peak 14.56 dBm  
 Crest 5.92 dB

10	2.47 dB
1	4.33 dB
.1	5.26 dB
.01	5.61 dB

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

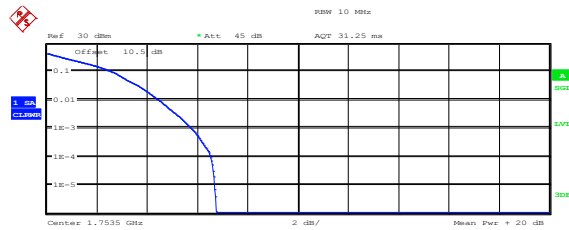


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.75 dBm  
 Peak 14.98 dBm  
 Crest 7.23 dB

10 %	2.44 dB
1 %	4.42 dB
.1 %	5.54 dB
.01 %	6.25 dB

### Band4-3MHz-QPSK-20385-1RB#0

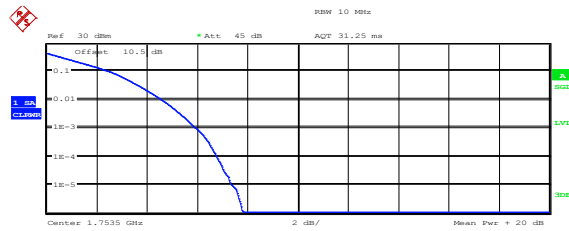


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 9.07 dBm  
 Peak 15.83 dBm  
 Crest 6.76 dB

10 %	2.60 dB
1 %	4.46 dB
.1 %	5.74 dB
.01 %	6.54 dB

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

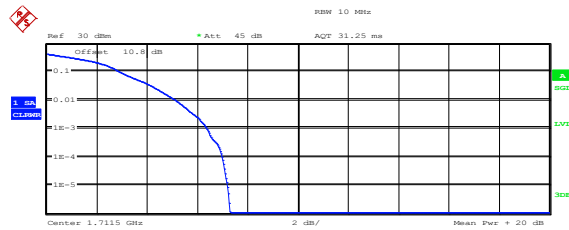


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.97 dBm  
 Peak 15.90 dBm  
 Crest 7.93 dB

10 %	2.50 dB
1 %	4.55 dB
.1 %	5.93 dB
.01 %	6.76 dB

### Band4-3MHz-16QAM-19965-1RB#0

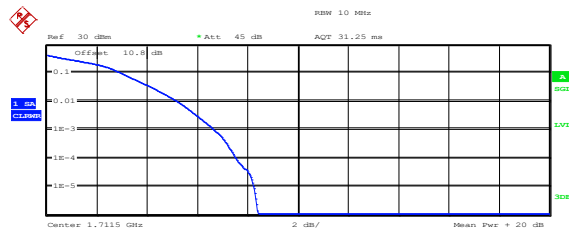


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.91 dBm  
 Peak 15.20 dBm  
 Crest 7.29 dB

10 %	2.88 dB
1 %	5.13 dB
.1 %	6.38 dB
.01 %	6.99 dB

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

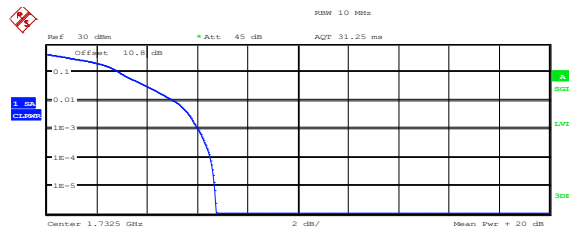


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 6.94 dBm  
 Peak 15.41 dBm  
 Crest 8.47 dB

10 %	2.95 dB
1 %	5.19 dB
.1 %	6.63 dB
.01 %	7.53 dB

### Band4-3MHz-16QAM-20175-1RB#0

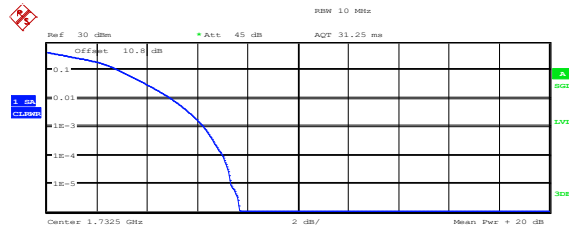


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.29 dBm  
 Peak 14.07 dBm  
 Crest 6.78 dB

10 %	2.88 dB
1 %	5.03 dB
.1 %	6.03 dB
.01 %	6.51 dB

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

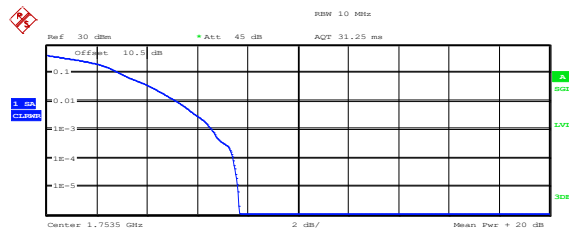


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 6.89 dBm  
 Peak 14.63 dBm  
 Crest 7.74 dB

10 %	2.85 dB
1 %	4.94 dB
.1 %	6.25 dB
.01 %	6.99 dB

### Band4-3MHz-16QAM-20385-1RB#0

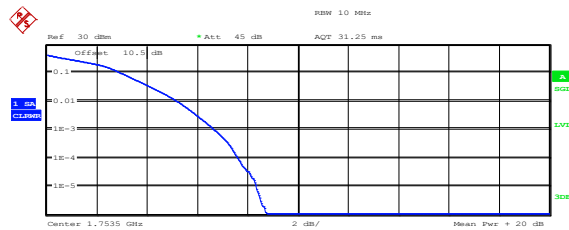


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 8.24 dBm  
 Peak 15.90 dBm  
 Crest 7.66 dB

10 %	2.88 dB
1 %	5.16 dB
.1 %	6.57 dB
.01 %	7.40 dB

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

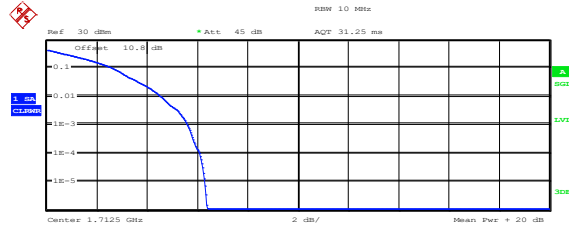


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.04 dBm  
 Peak 15.83 dBm  
 Crest 8.79 dB

10 %	2.95 dB
1 %	5.19 dB
.1 %	6.63 dB
.01 %	7.60 dB

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

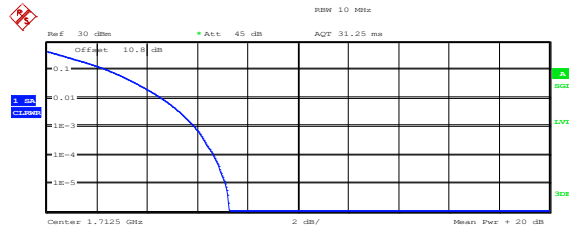


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 8.73 dBm  
 Peak 15.13 dBm  
 Crest 6.39 dB

10 %	2.63 dB
1 %	4.52 dB
.1 %	5.61 dB
.01 %	6.09 dB

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

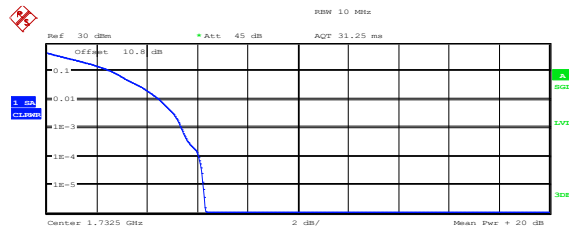


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.66 dBm  
 Peak 15.06 dBm  
 Crest 7.39 dB

10 %	2.40 dB
1 %	4.55 dB
.1 %	5.87 dB
.01 %	6.63 dB

### Band4-5MHz-QPSK-20175-1RB#0

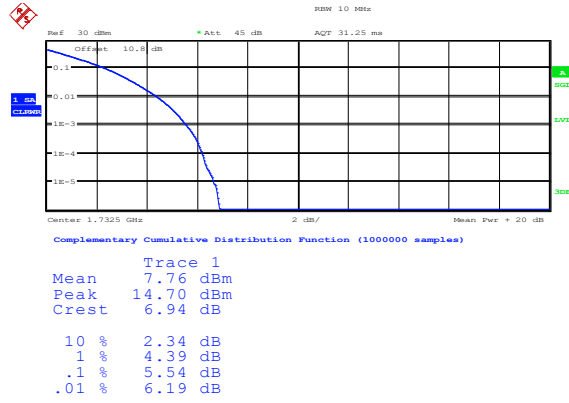


Complementary Cumulative Distribution Function (1000000 samples)

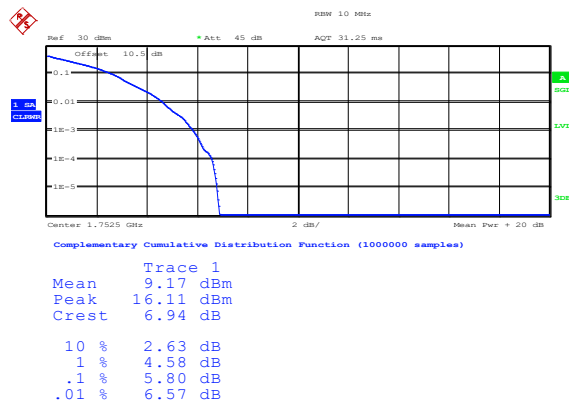
Trace 1  
 Mean 8.63 dBm  
 Peak 14.98 dBm  
 Crest 6.36 dB

10 %	2.60 dB
1 %	4.49 dB
.1 %	5.35 dB
.01 %	6.03 dB

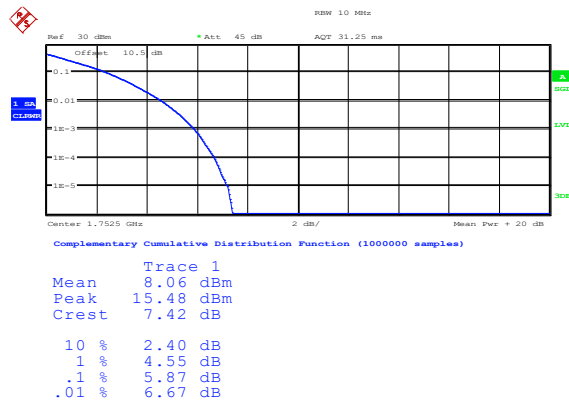
### Band4-5MHz-QPSK-20175-25RB#0



### Band4-5MHz-QPSK-20375-1RB#0

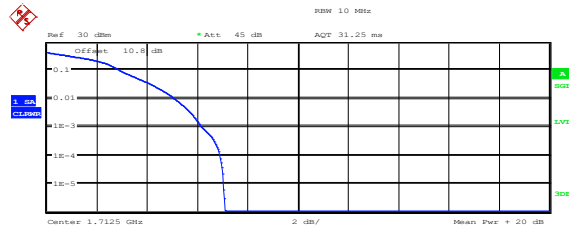


### Band4-5MHz-QPSK-20375-25RB#0



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



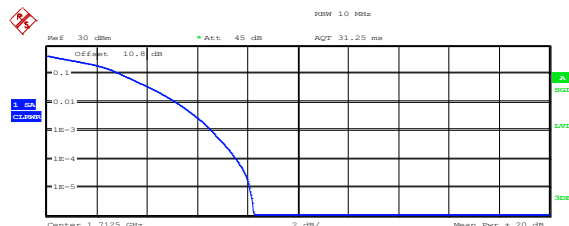


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.03 dBm  
 Peak 14.14 dBm  
 Crest 7.11 dB

10	2.92 dB
1	5.06 dB
.1	6.15 dB
.01	6.89 dB

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

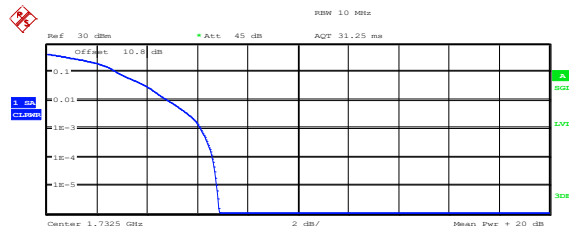


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 6.82 dBm  
 Peak 15.13 dBm  
 Crest 8.30 dB

10	2.92 dB
1	5.13 dB
.1	6.54 dB
.01	7.53 dB

### Band4-5MHz-16QAM-20175-1RB#0

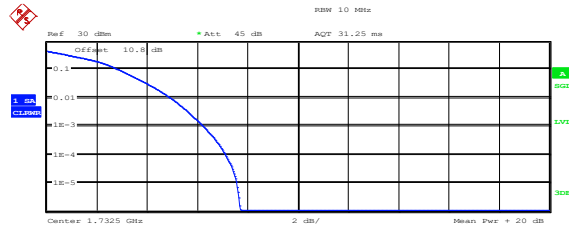


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.33 dBm  
 Peak 14.21 dBm  
 Crest 6.88 dB

10	2.79 dB
1	4.81 dB
.1	6.12 dB
.01	6.60 dB

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

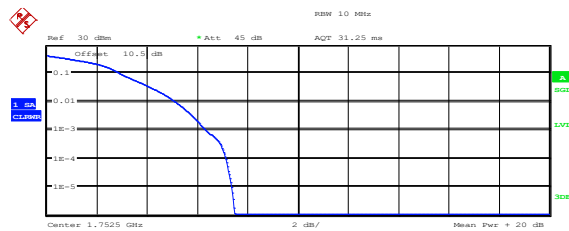


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 6.90 dBm  
 Peak 14.63 dBm  
 Crest 7.73 dB

10 %	2.85 dB
1 %	4.90 dB
.1 %	6.22 dB
.01 %	7.12 dB

### Band4-5MHz-16QAM-20375-1RB#0

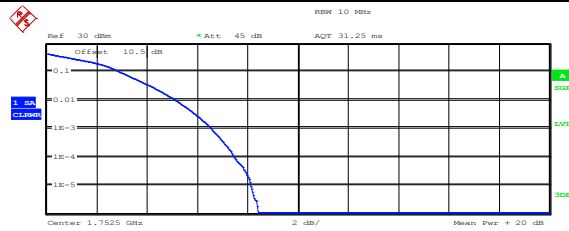


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.47 dBm  
 Peak 14.98 dBm  
 Crest 7.52 dB

10 %	2.92 dB
1 %	5.10 dB
.1 %	6.31 dB
.01 %	7.15 dB

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

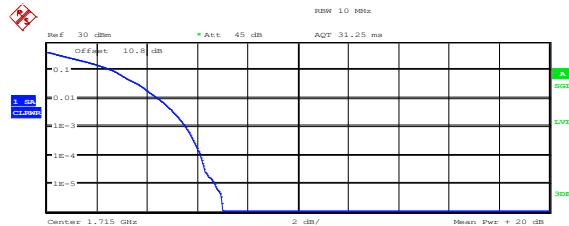


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.28 dBm  
 Peak 15.76 dBm  
 Crest 8.48 dB

10 %	2.92 dB
1 %	5.13 dB
.1 %	6.54 dB
.01 %	7.44 dB

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

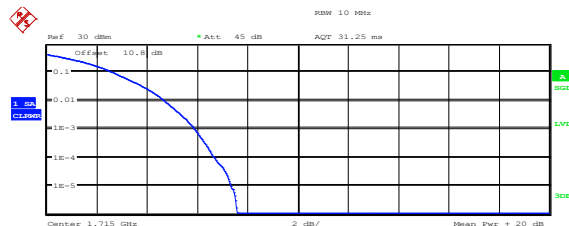


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 6.65 dBm  
 Peak 13.86 dBm  
 Crest 7.21 dB

10 %	2.60 dB
1 %	4.42 dB
.1 %	5.51 dB
.01 %	6.12 dB

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

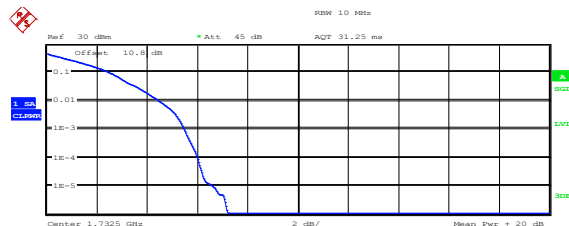


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.49 dBm  
 Peak 15.13 dBm  
 Crest 7.64 dB

10 %	2.63 dB
1 %	4.65 dB
.1 %	5.87 dB
.01 %	6.67 dB

### Band4-10MHz-QPSK-20175-1RB#0

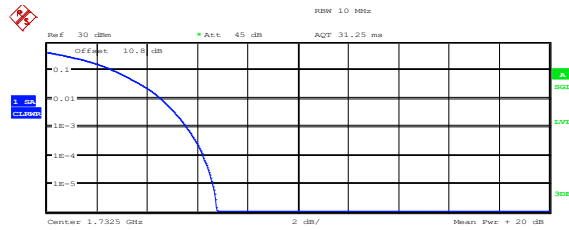


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 6.87 dBm  
 Peak 14.21 dBm  
 Crest 7.33 dB

10 %	2.50 dB
1 %	4.46 dB
.1 %	5.48 dB
.01 %	5.99 dB

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

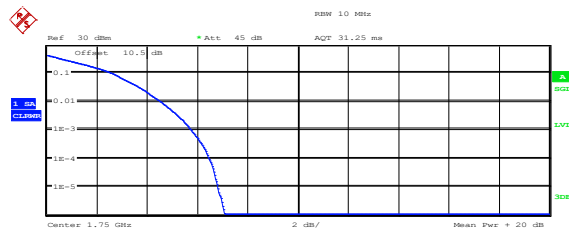


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 7.66 dBm  
 Peak 14.56 dBm  
 Crest 6.90 dB

10 %	2.66 dB
1 %	4.52 dB
.1 %	5.54 dB
.01 %	6.22 dB

### Band4-10MHz-QPSK-20350-1RB#0



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 6.57 dBm  
 Peak 13.71 dBm  
 Crest 7.15 dB

10 %	2.60 dB
1 %	4.52 dB
.1 %	5.74 dB
.01 %	6.44 dB

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

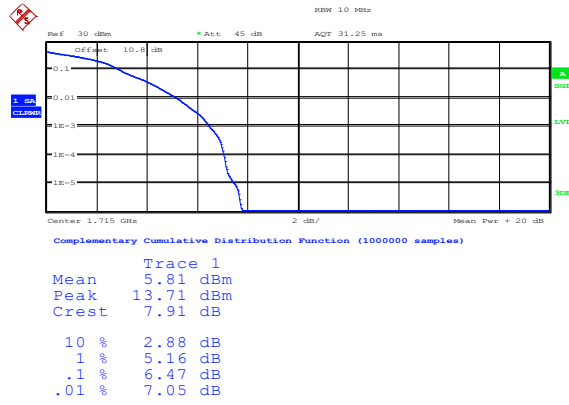


Complementary Cumulative Distribution Function (1000000 samples)

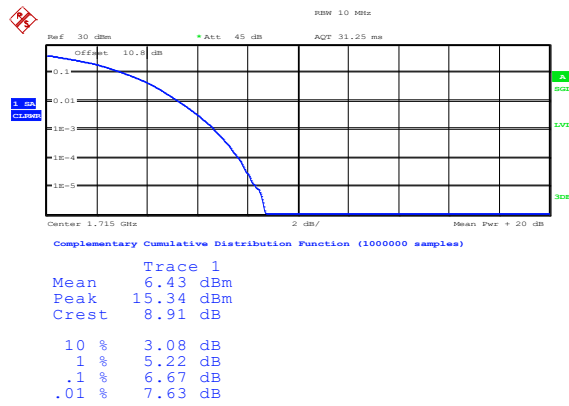
Trace 1  
 Mean 7.81 dBm  
 Peak 15.27 dBm  
 Crest 7.45 dB

10 %	2.56 dB
1 %	4.58 dB
.1 %	5.80 dB
.01 %	6.63 dB

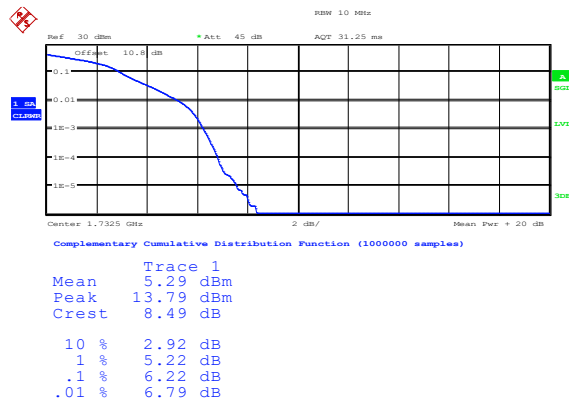
### Band4-10MHz-16QAM-20000-1RB#0



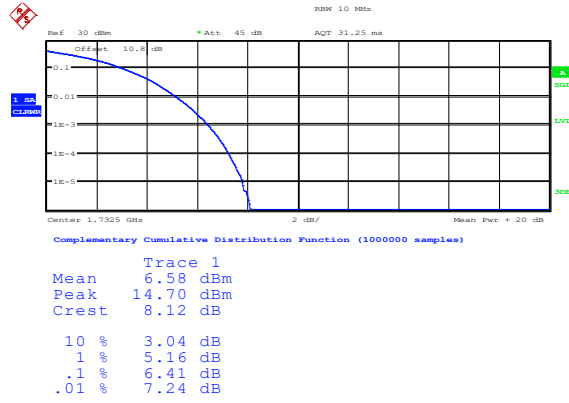
### Band4-10MHz-16QAM-20000-50RB#0



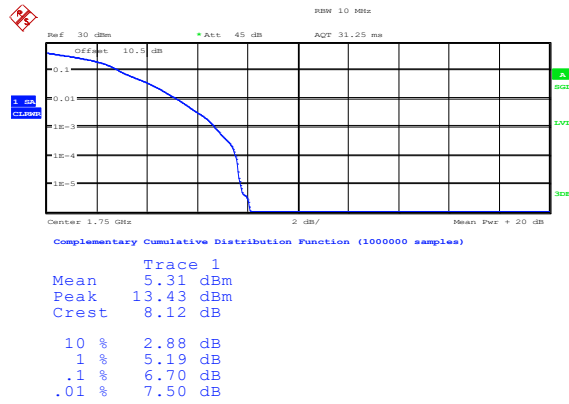
### Band4-10MHz-16QAM-20175-1RB#0



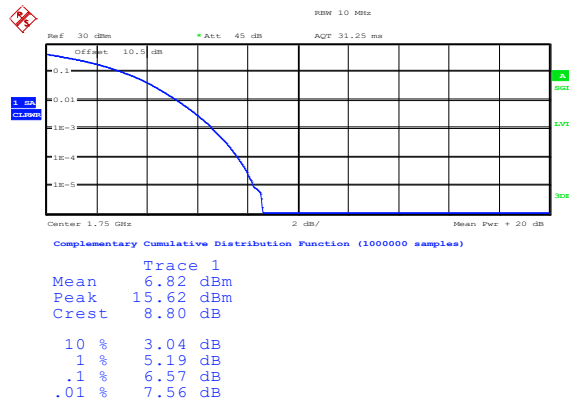
### Band4-10MHz-16QAM-20175-50RB#0



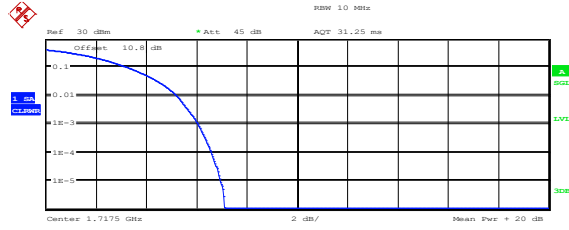
### Band4-10MHz-16QAM-20350-1RB#0



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



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

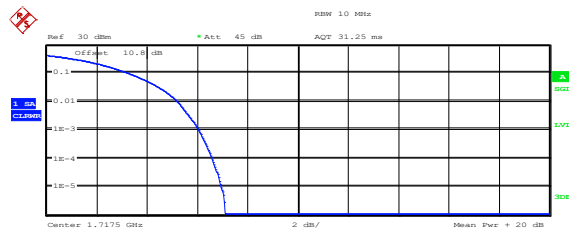


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 5.84 dBm  
 Peak 13.08 dBm  
 Crest 7.24 dB

10 %	3.24 dB
1 %	5.16 dB
.1 %	6.03 dB
.01 %	6.57 dB

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

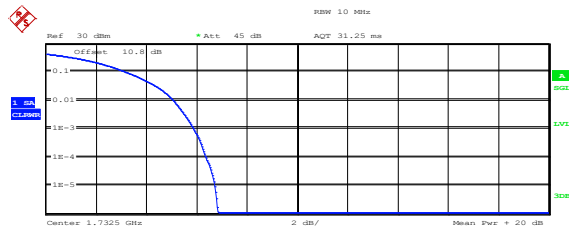


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 5.84 dBm  
 Peak 13.08 dBm  
 Crest 7.24 dB

10 %	3.24 dB
1 %	5.16 dB
.1 %	6.03 dB
.01 %	6.57 dB

**Band4-15MHz-QPSK-20175-1RB#0**

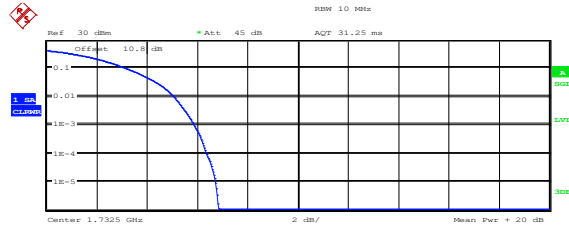


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 6.42 dBm  
 Peak 13.29 dBm  
 Crest 6.87 dB

10 %	3.17 dB
1 %	5.06 dB
.1 %	5.87 dB
.01 %	6.35 dB

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

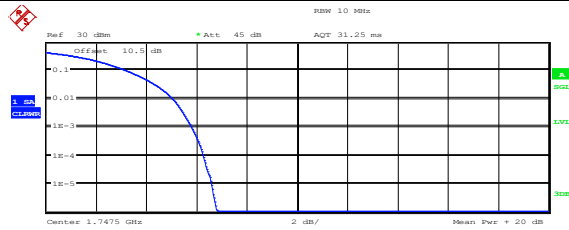


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 6.42 dBm  
 Peak 13.29 dBm  
 Crest 6.87 dB

10 %	3.17 dB
1 %	5.06 dB
.1 %	5.87 dB
.01 %	6.35 dB

### Band4-15MHz-QPSK-20325-1RB#0

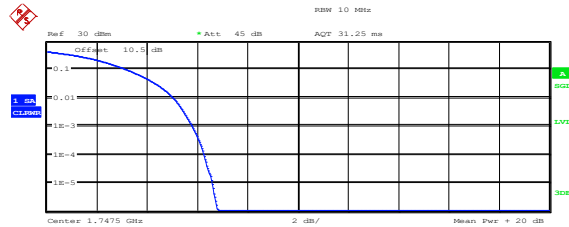


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 6.21 dBm  
 Peak 13.15 dBm  
 Crest 6.94 dB

10 %	3.17 dB
1 %	5.03 dB
.1 %	5.80 dB
.01 %	6.25 dB

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



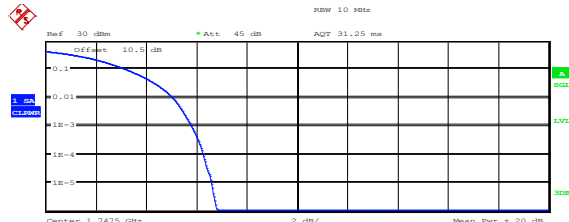
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 6.21 dBm  
 Peak 13.15 dBm  
 Crest 6.94 dB

10 %	3.17 dB
1 %	5.03 dB
.1 %	5.80 dB
.01 %	6.25 dB

### Band4-15MHz-16QAM-20025-1RB#0



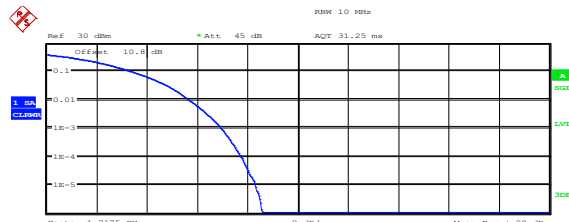


Center: 1.7475 GHz      2 dB/      Mean: Pwr = 20 dB

Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	6.21 dBm
Peak	13.15 dBm
Crest	6.94 dB
10 %	3.17 dB
1 %	5.03 dB
.1 %	5.80 dB
.01 %	6.25 dB

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

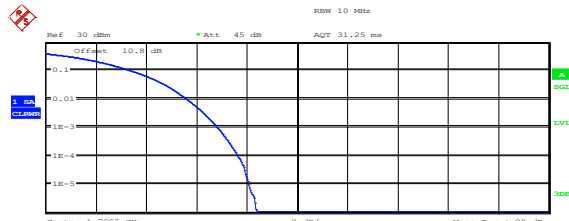


Center: 1.7575 GHz      2 dB/      Mean: Pwr = 20 dB

Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	4.88 dBm
Peak	13.50 dBm
Crest	8.63 dB
10 %	3.43 dB
1 %	5.67 dB
.1 %	6.92 dB
.01 %	7.72 dB

### Band4-15MHz-16QAM-20175-1RB#0

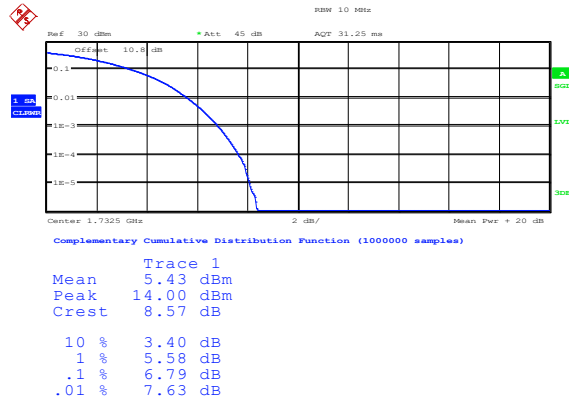


Center: 1.7325 GHz      2 dB/      Mean: Pwr = 20 dB

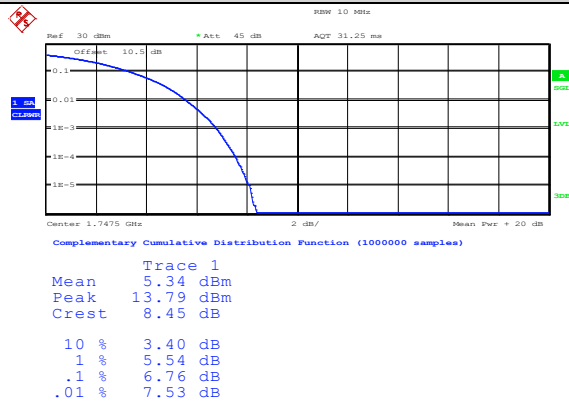
Complementary Cumulative Distribution Function (1000000 samples)

Trace 1	
Mean	5.43 dBm
Peak	14.00 dBm
Crest	8.57 dB
10 %	3.40 dB
1 %	5.58 dB
.1 %	6.79 dB
.01 %	7.63 dB

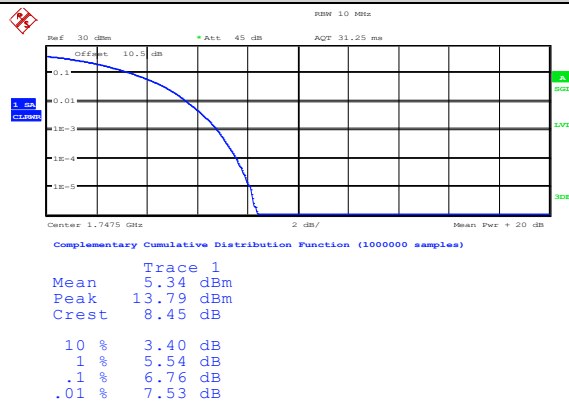
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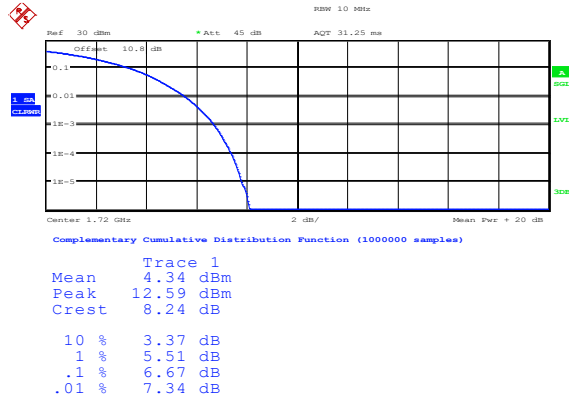
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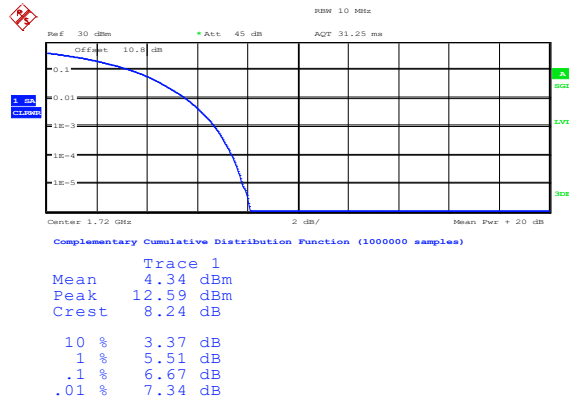
### Band4-15MHz-16QAM-20325-75RB#0



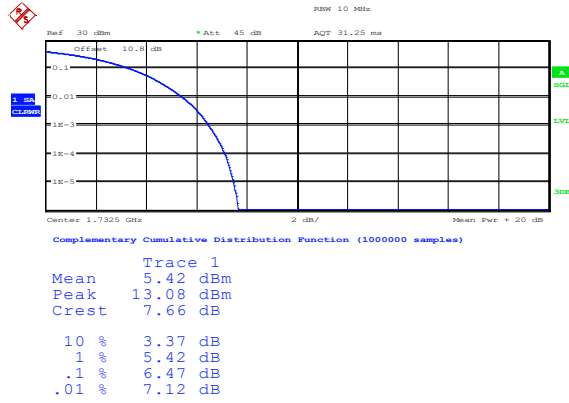
### Band4-20MHz-QPSK-20050-1RB#0



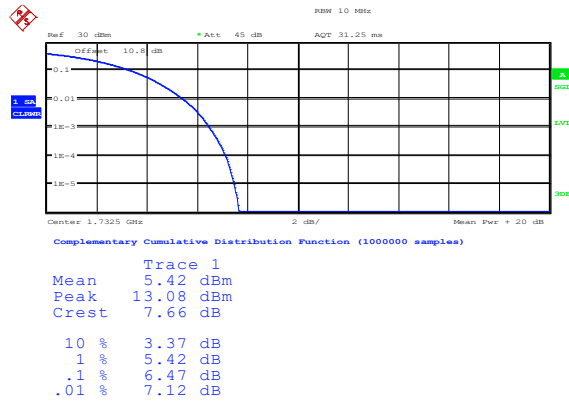
### Band4-20MHz-QPSK-20050-100RB#0



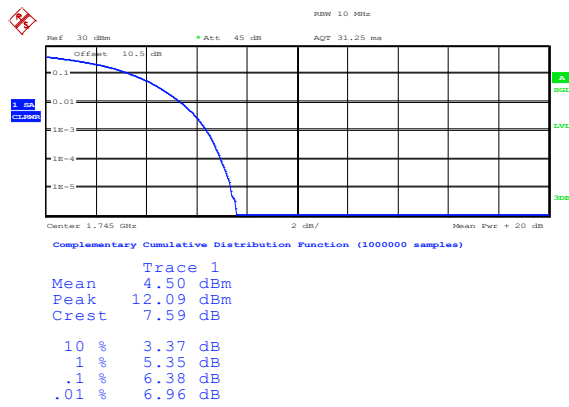
### Band4-20MHz-QPSK-20175-1RB#0



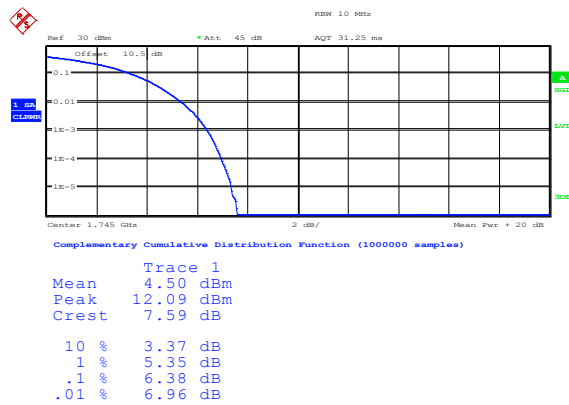
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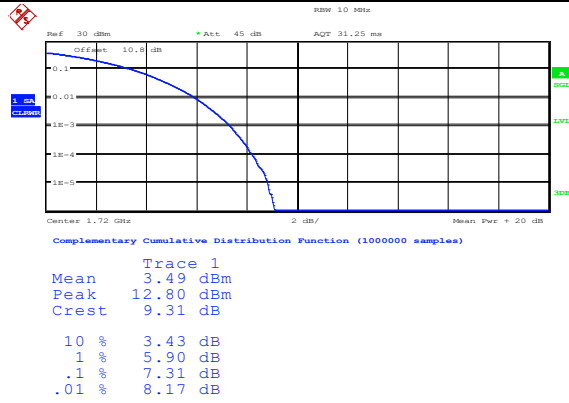
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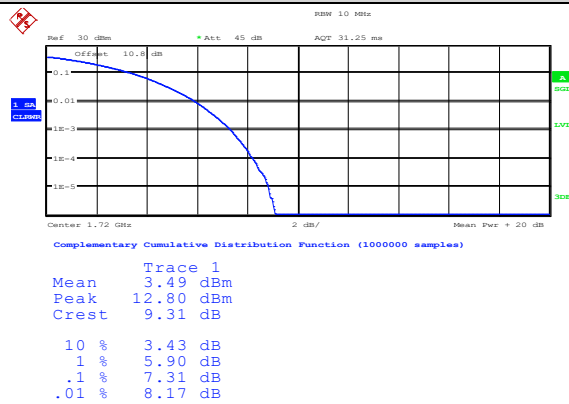
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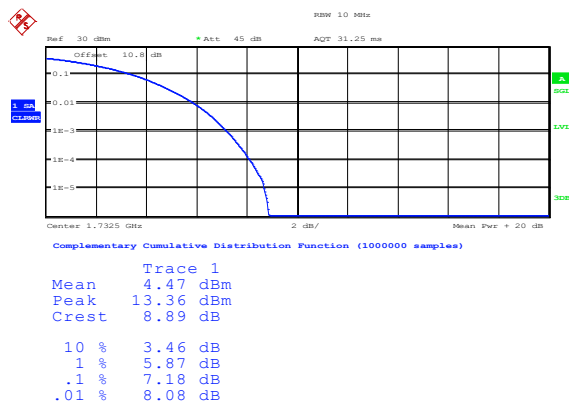
### Band4-20MHz-16QAM-20050-1RB#0



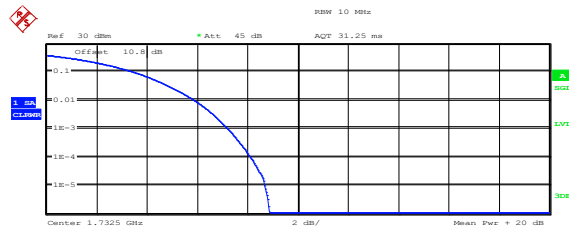
**Band4-20MHz-16QAM-20050-100RB#0**



**Band4-20MHz-16QAM-20175-1RB#0**



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

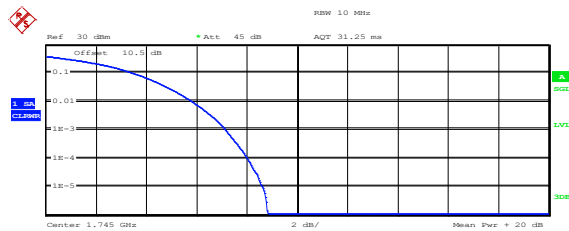


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 4.47 dBm  
 Peak 13.36 dBm  
 Crest 8.89 dB

10 %	3.46 dB
1 %	5.87 dB
.1 %	7.18 dB
.01 %	8.08 dB

### Band4-20MHz-16QAM-20300-1RB#0

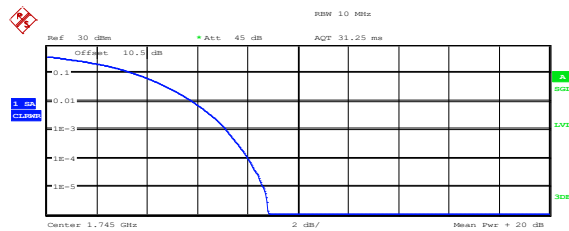


Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 3.68 dBm  
 Peak 12.52 dBm  
 Crest 8.83 dB

10 %	3.46 dB
1 %	5.80 dB
.1 %	7.15 dB
.01 %	7.98 dB

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



Complementary Cumulative Distribution Function (1000000 samples)

Trace 1  
 Mean 3.68 dBm  
 Peak 12.52 dBm  
 Crest 8.83 dB

10 %	3.46 dB
1 %	5.80 dB
.1 %	7.15 dB
.01 %	7.98 dB

## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

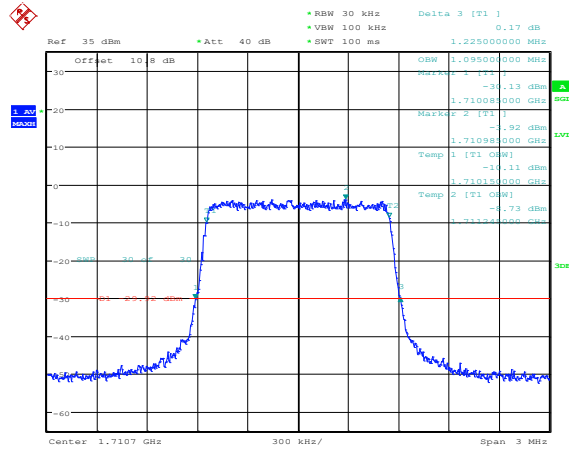
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.095	1.22	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.09	1.23	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.095	1.21	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.095	1.22	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.09	1.22	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.09	1.22	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.663	2.82	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7	2.89	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7	2.93	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7	2.89	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7	2.90	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7	2.89	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.487	4.70	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.51	4.79	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5	4.81	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.51	4.80	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5	4.82	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.51	4.77	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.006	9.46	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.967	9.67	PASS
Band4	10MHz	QPSK	20350	50RB#0	9	9.67	PASS
Band4	10MHz	16QAM	20000	50RB#0	9	9.70	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.967	9.67	PASS
Band4	10MHz	16QAM	20350	50RB#0	9	9.67	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.51	14.33	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.45	14.50	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.5	14.45	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.55	14.55	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.45	14.45	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.5	14.50	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.333	19.10	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.933	19.60	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.133	19.60	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.133	19.60	PASS

Band4	20MHz	16QAM	20175	100RB#0	18	19.60	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.067	19.60	PASS

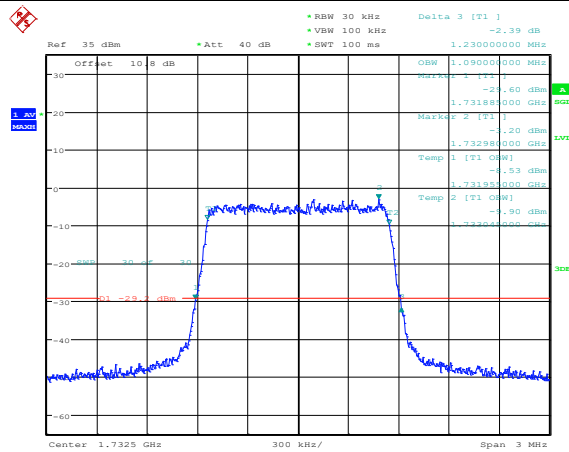


# Test Graphs

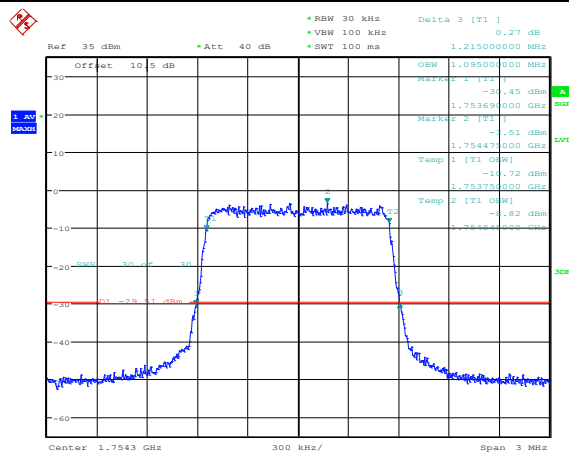
## Band4-1.4MHz-QPSK-19957-6RB#0



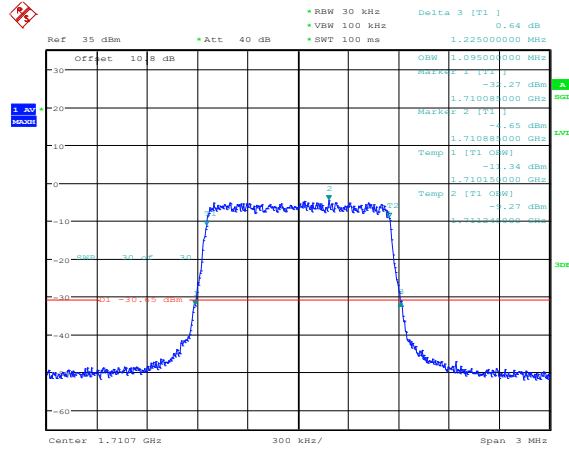
## Band4-1.4MHz-QPSK-20175-6RB#0



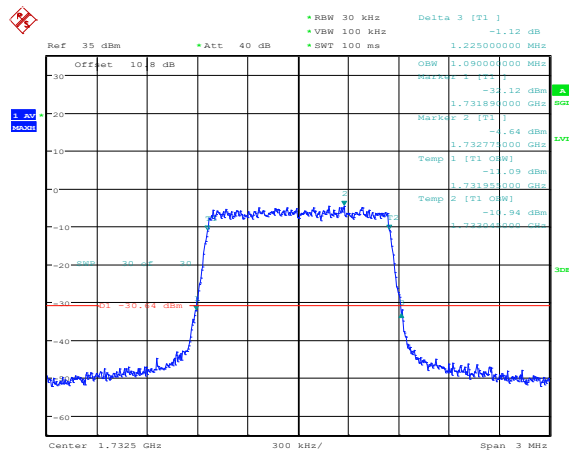
## Band4-1.4MHz-QPSK-20393-6RB#0



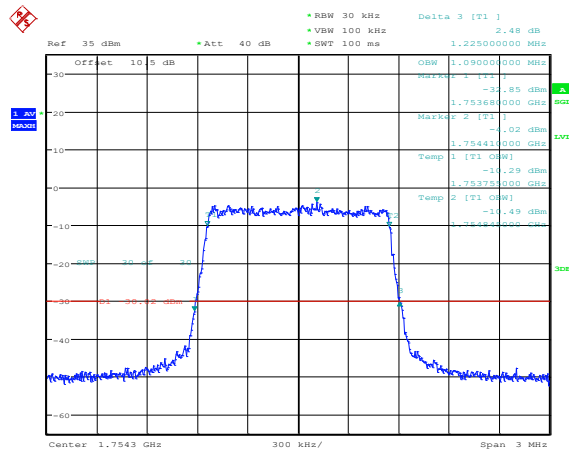
## Band4-1.4MHz-16QAM-19957-6RB#0



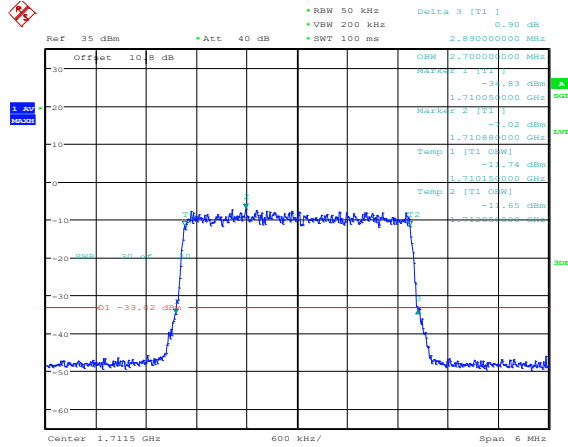
Band4-1.4MHz-16QAM-20175-6RB#0



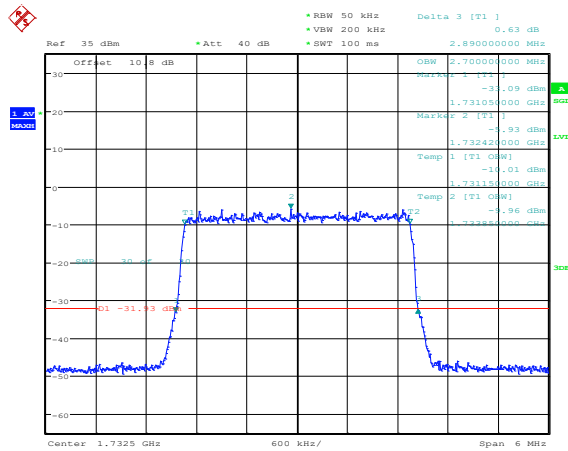
Band4-1.4MHz-16QAM-20393-6RB#0



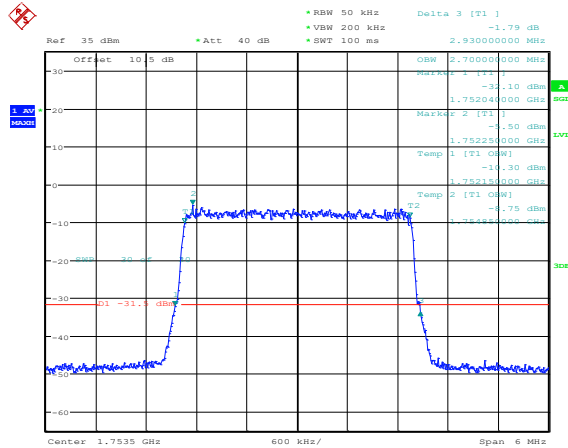
Band4-3MHz-QPSK-19965-15RB#0



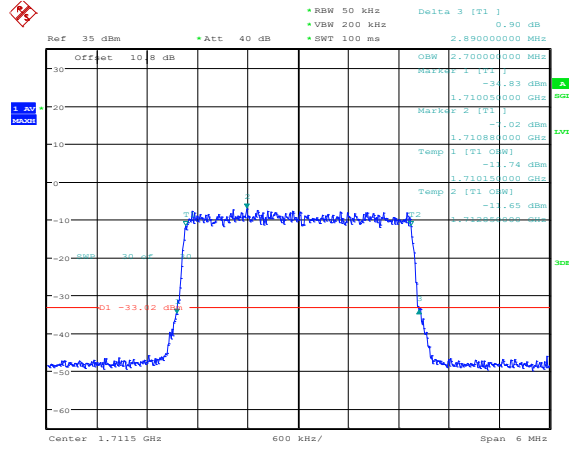
**Band4-3MHz-QPSK-20175-15RB#0**



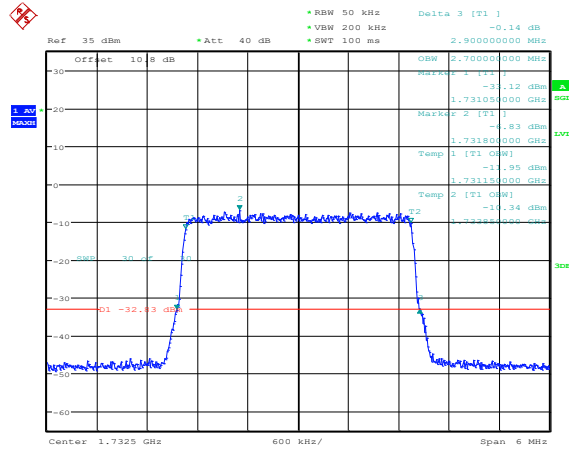
**Band4-3MHz-QPSK-20385-15RB#0**



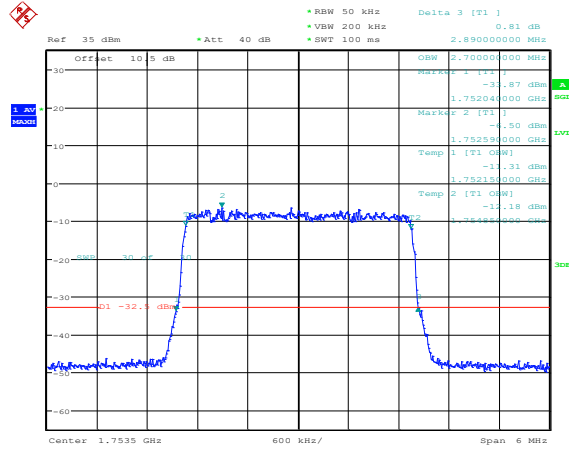
**Band4-3MHz-16QAM-19965-15RB#0**



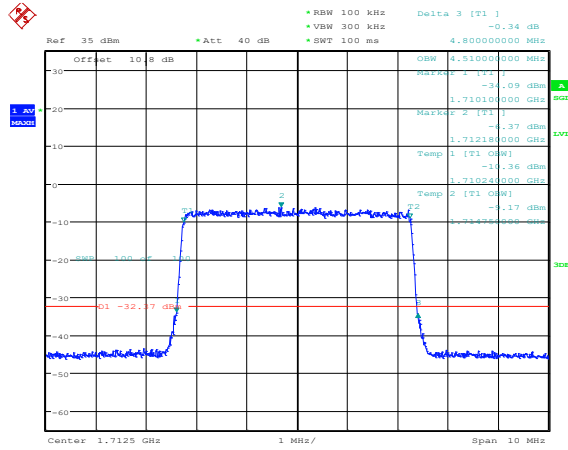
**Band4-3MHz-16QAM-20175-15RB#0**



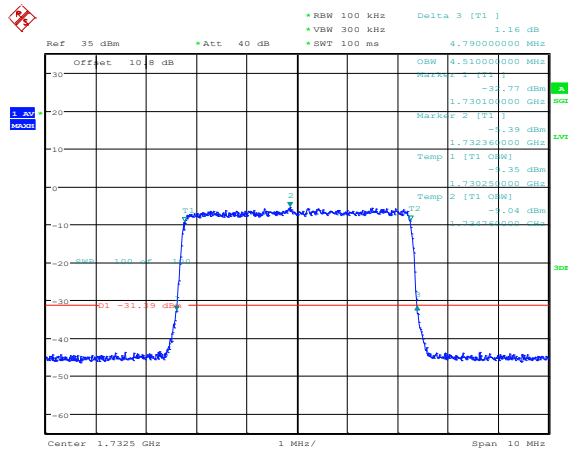
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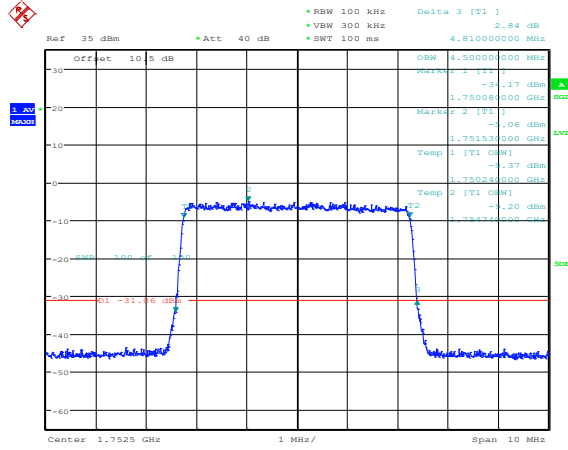
**Band4-5MHz-QPSK-19975-25RB#0**



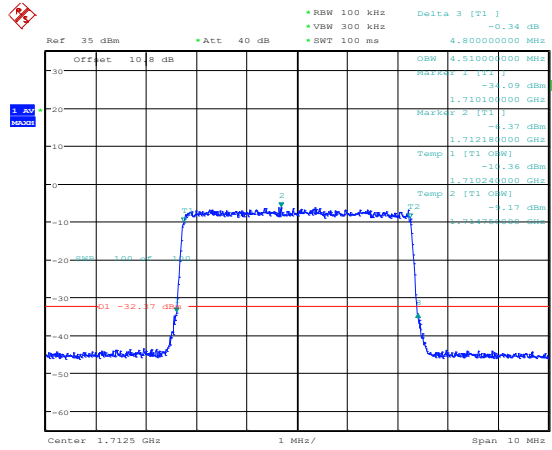
**Band4-5MHz-QPSK-20175-25RB#0**



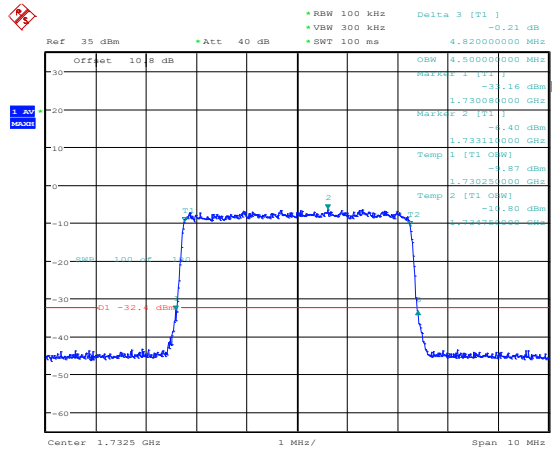
**Band4-5MHz-QPSK-20375-25RB#0**



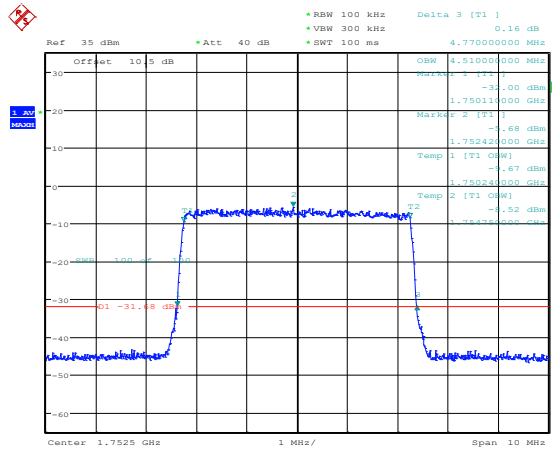
**Band4-5MHz-16QAM-19975-25RB#0**



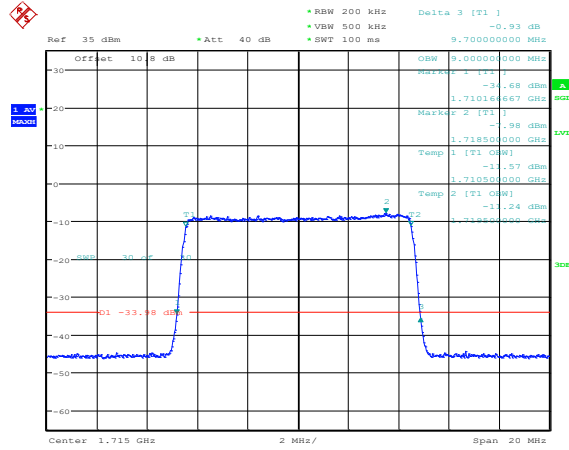
### Band4-5MHz-16QAM-20175-25RB#0



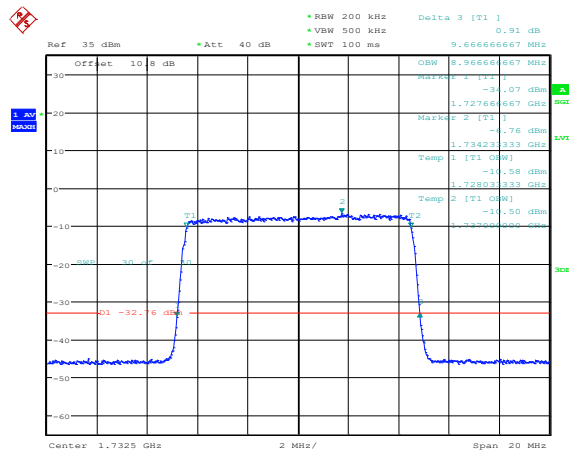
### Band4-5MHz-16QAM-20375-25RB#0



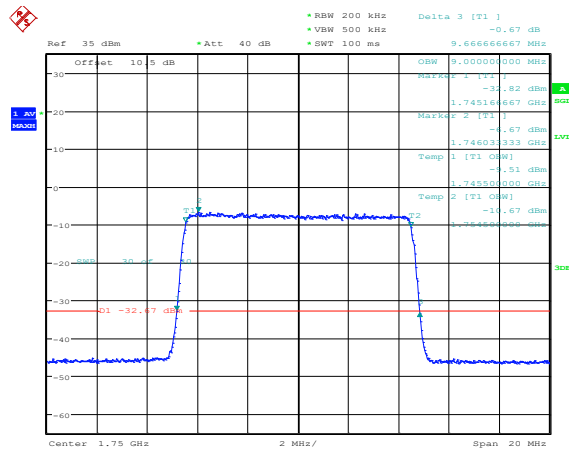
### Band4-10MHz-QPSK-20000-50RB#0



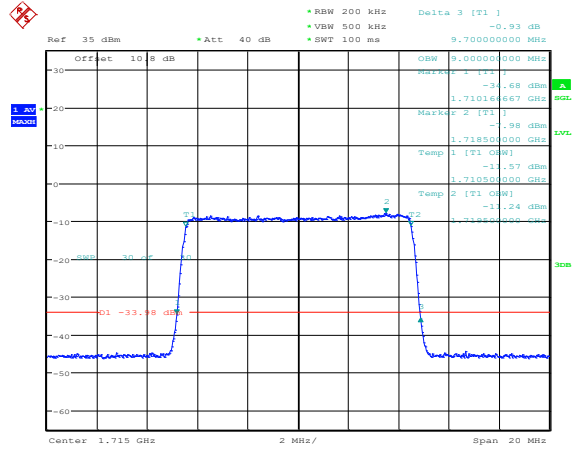
### Band4-10MHz-QPSK-20175-50RB#0



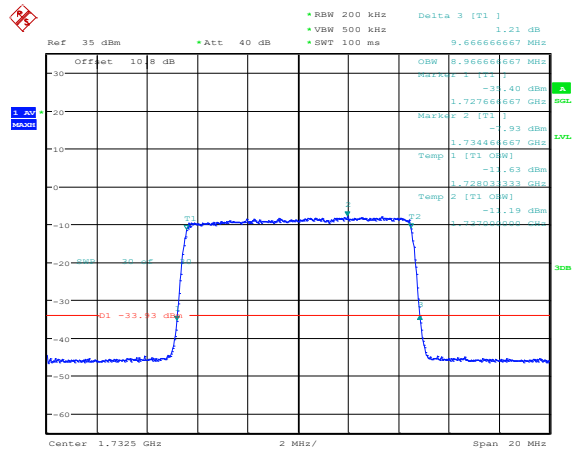
### Band4-10MHz-QPSK-20350-50RB#0



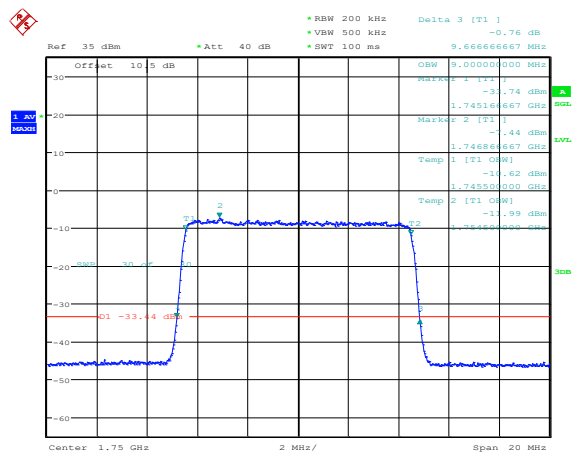
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**Band4-10MHz-16QAM-20175-50RB#0**

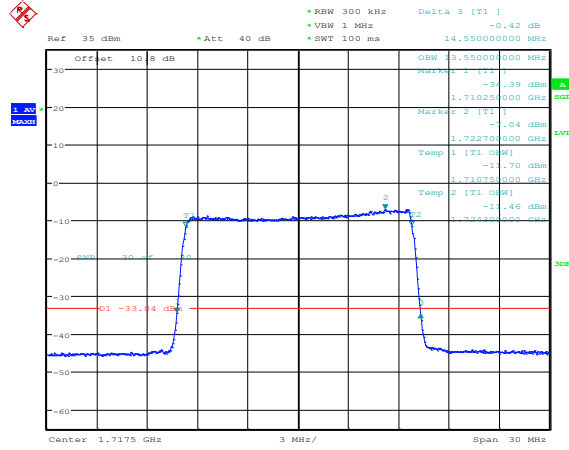


**Band4-10MHz-16QAM-20350-50RB#0**

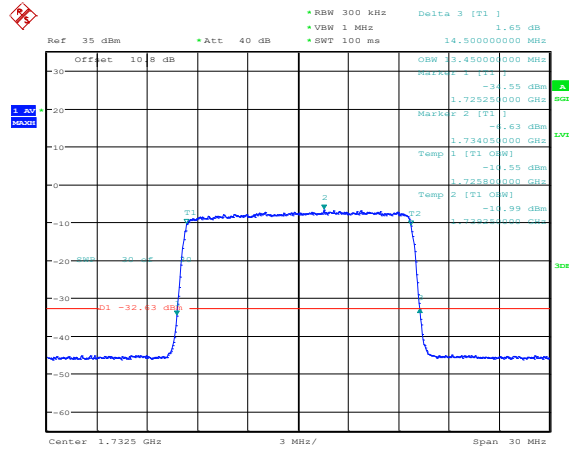


**Band4-15MHz-QPSK-20025-75RB#0**

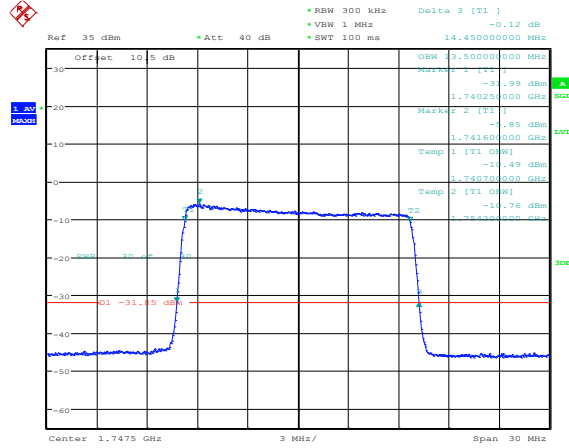




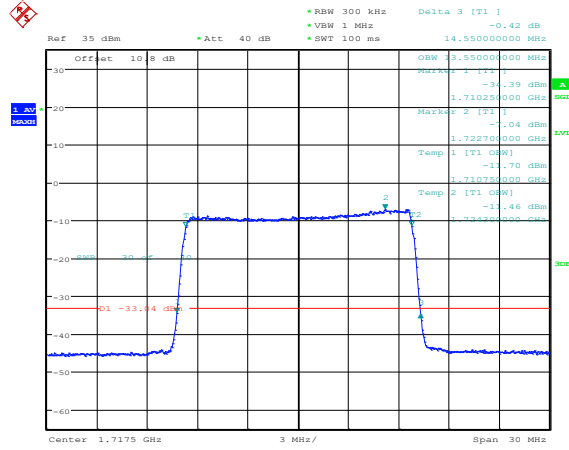
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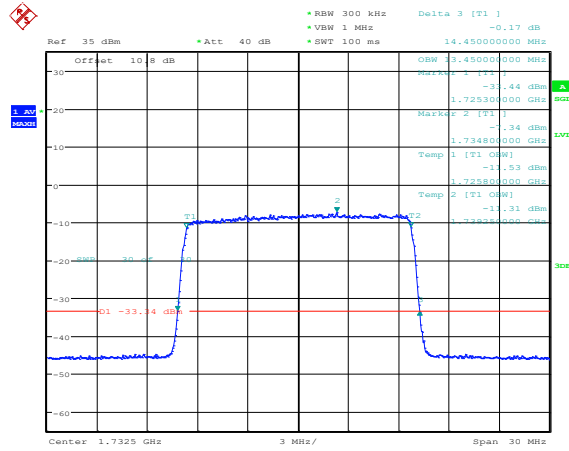
### Band4-15MHz-QPSK-20325-75RB#0



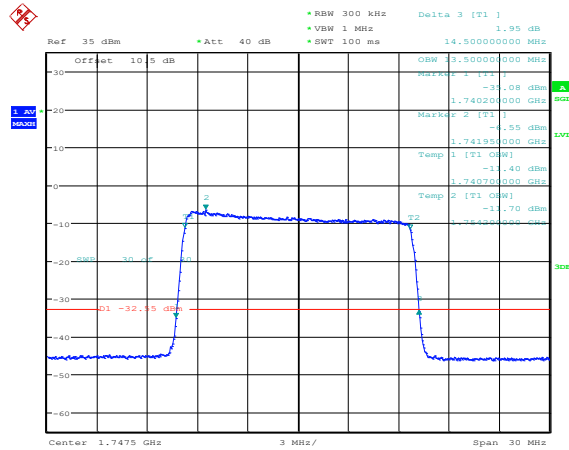
### Band4-15MHz-16QAM-20025-75RB#0



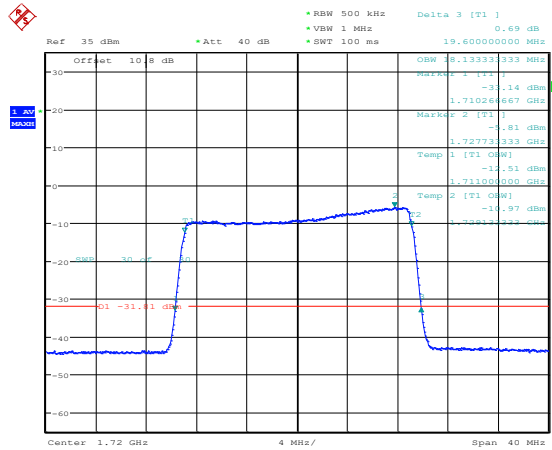
### Band4-15MHz-16QAM-20175-75RB#0



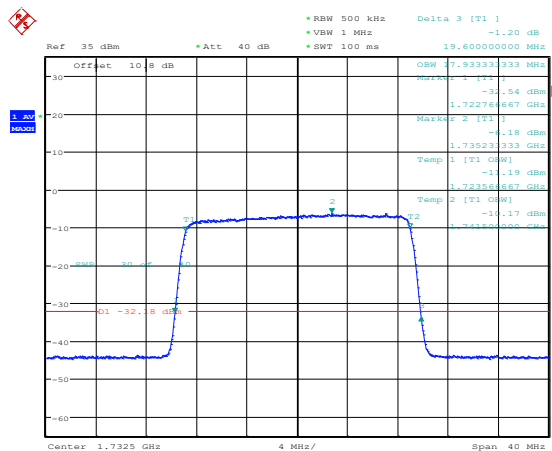
### Band4-15MHz-16QAM-20325-75RB#0



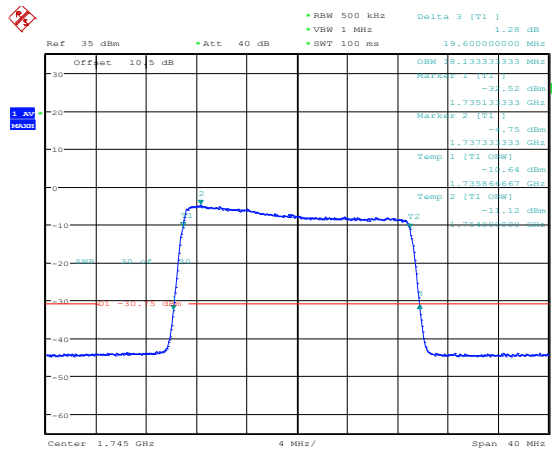
### Band4-20MHz-QPSK-20050-100RB#0



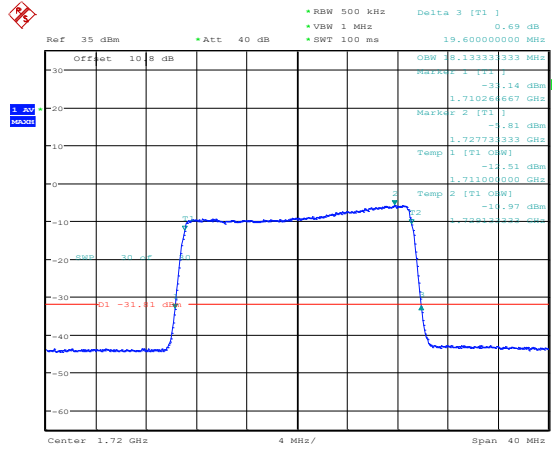
**Band4-20MHz-QPSK-20175-100RB#0**



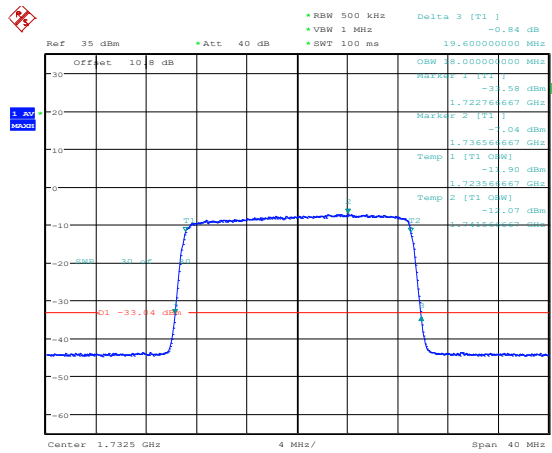
**Band4-20MHz-QPSK-20300-100RB#0**



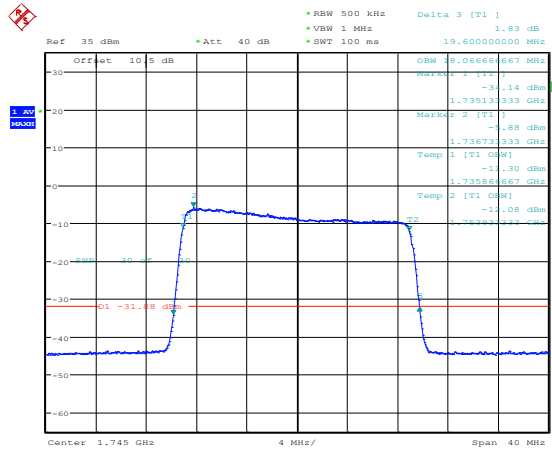
**Band4-20MHz-16QAM-20050-100RB#0**



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



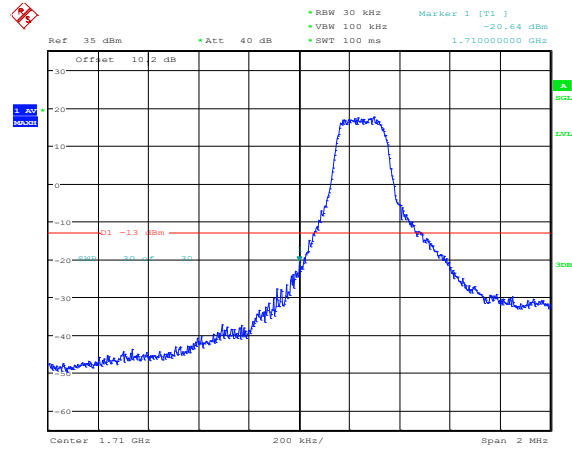
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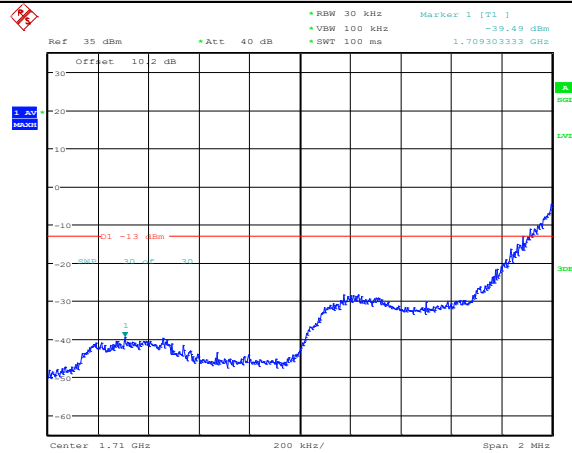
# Appendix D: Band Edge

## Test Graphs

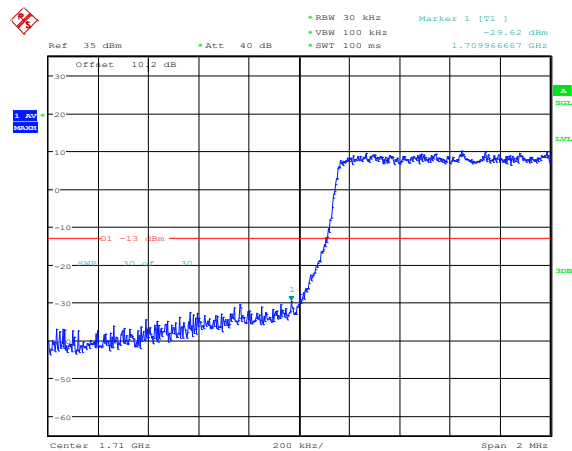
Band4-1.4MHz-QPSK-19957-1RB#0



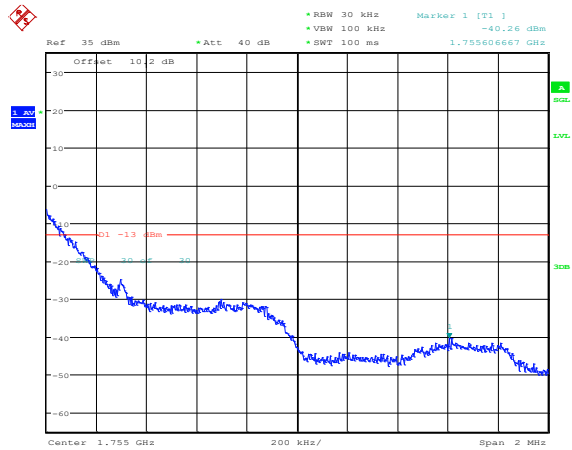
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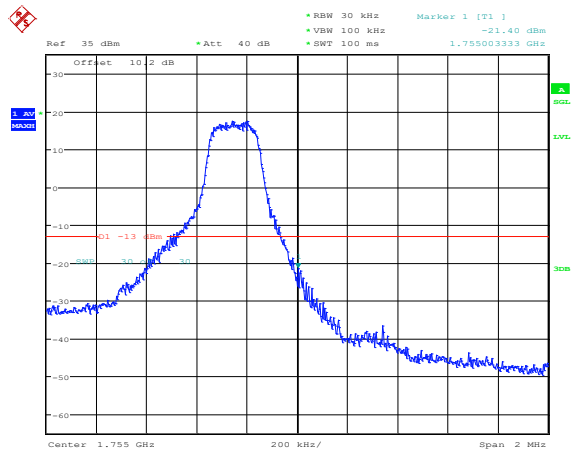
Band4-1.4MHz-QPSK-19957-6RB#0



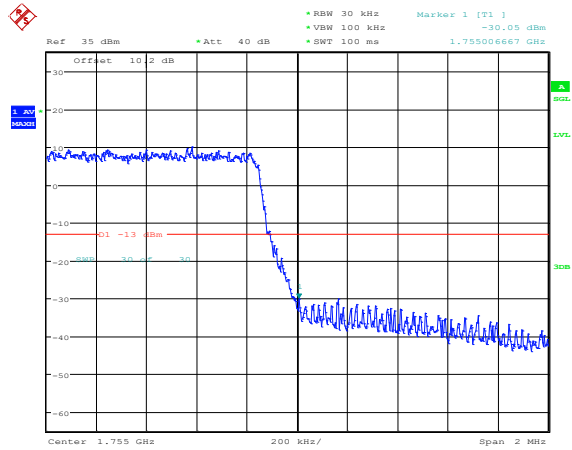
Band4-1.4MHz-QPSK-20393-1RB#0



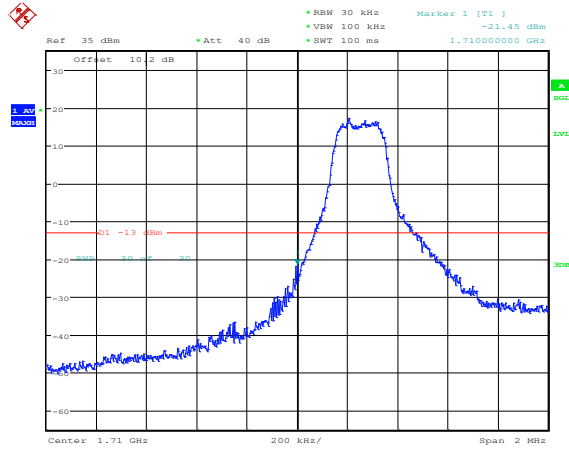
Band4-1.4MHz-QPSK-20393-1RB#5



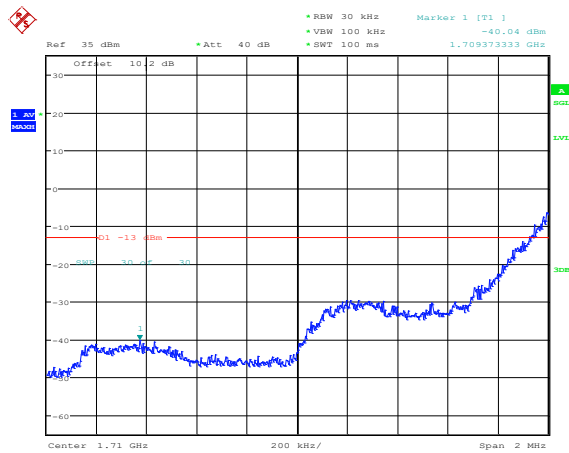
Band4-1.4MHz-QPSK-20393-6RB#0



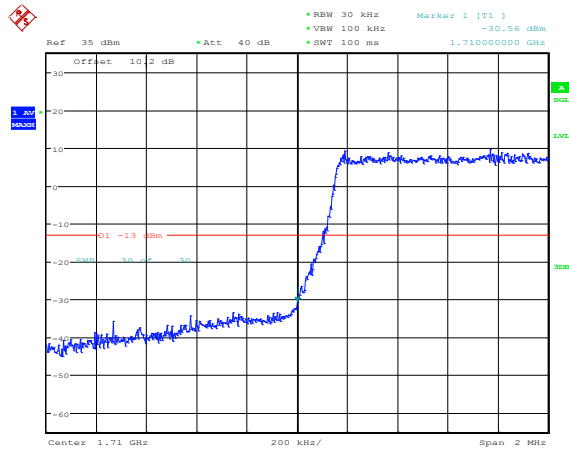
Band4-1.4MHz-16QAM-19957-1RB#0



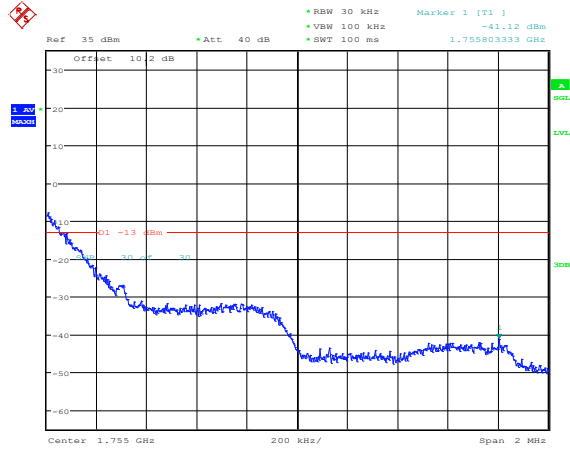
Band4-1.4MHz-16QAM-19957-1RB#5



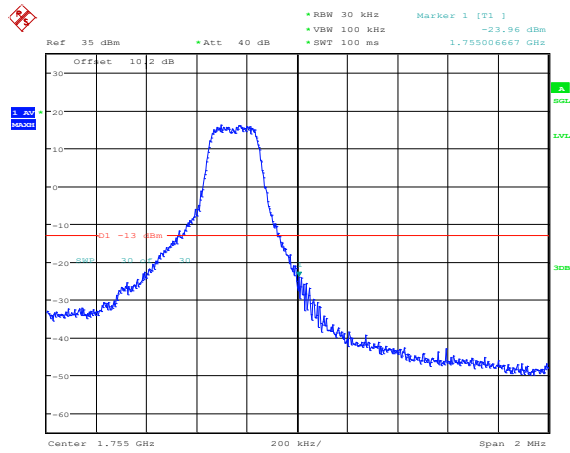
Band4-1.4MHz-16QAM-19957-6RB#0



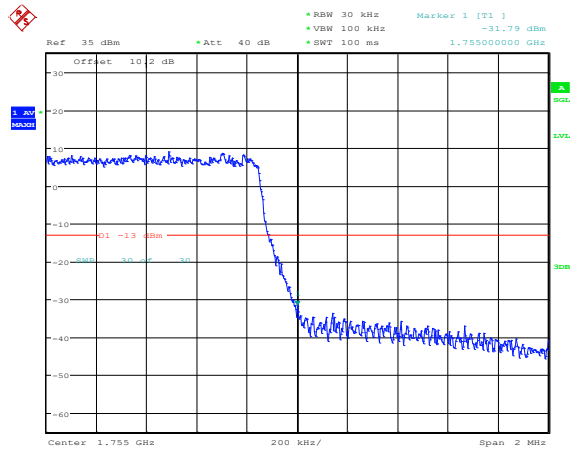
Band4-1.4MHz-16QAM-20393-1RB#0



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



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





## Appendix E: Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band 4	1.4MHz	QPSK	19957	1RB#0	Range1:0.009~0.15MHz	-78.25	PASS
Band 4	1.4MHz	QPSK	19957	1RB#0	Range2:0.15~30MHz	-62.74	PASS
Band 4	1.4MHz	QPSK	19957	1RB#0	Range3:30~1000MHz	-50.32	PASS
Band 4	1.4MHz	QPSK	19957	1RB#0	Range4:1000~20000MHz	-43.55	PASS
Band 4	1.4MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-77.5	PASS
Band 4	1.4MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-62.69	PASS
Band 4	1.4MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-50.16	PASS
Band 4	1.4MHz	QPSK	20175	1RB#0	Range4:1000~20000MHz	-45.1	PASS
Band 4	1.4MHz	QPSK	20393	1RB#0	Range1:0.009~0.15MHz	-78.69	PASS
Band 4	1.4MHz	QPSK	20393	1RB#0	Range2:0.15~30MHz	-64.09	PASS
Band 4	1.4MHz	QPSK	20393	1RB#0	Range3:30~1000MHz	-50.4	PASS
Band 4	1.4MHz	QPSK	20393	1RB#0	Range4:1000~20000MHz	-43.72	PASS
Band 4	1.4MHz	16QAM	19957	1RB#0	Range1:0.009~0.15MHz	-79.48	PASS
Band 4	1.4MHz	16QAM	19957	1RB#0	Range2:0.15~30MHz	-64.05	PASS
Band 4	1.4MHz	16QAM	19957	1RB#0	Range3:30~1000MHz	-50.25	PASS
Band 4	1.4MHz	16QAM	19957	1RB#0	Range4:1000~20000MHz	-44.87	PASS
Band 4	1.4MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-79.45	PASS
Band 4	1.4MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-62.71	PASS

Band 4	1.4MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-50.25	PAS S
Band 4	1.4MHz	16QAM	20175	1RB#0	Range4:1000~20000MHz	-43.31	PAS S
Band 4	1.4MHz	16QAM	20393	1RB#0	Range1:0.009~0.15MHz	-78.36	PAS S
Band 4	1.4MHz	16QAM	20393	1RB#0	Range2:0.15~30MHz	-62.62	PAS S
Band 4	1.4MHz	16QAM	20393	1RB#0	Range3:30~1000MHz	-50.4	PAS S
Band 4	1.4MHz	16QAM	20393	1RB#0	Range4:1000~20000MHz	-44.69	PAS S
Band 4	3MHz	QPSK	19965	1RB#0	Range1:0.009~0.15MHz	-78.63	PAS S
Band 4	3MHz	QPSK	19965	1RB#0	Range2:0.15~30MHz	-60.98	PAS S
Band 4	3MHz	QPSK	19965	1RB#0	Range3:30~1000MHz	-50.38	PAS S
Band 4	3MHz	QPSK	19965	1RB#0	Range4:1000~20000MHz	-43.91	PAS S
Band 4	3MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-79.23	PAS S
Band 4	3MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-62.9	PAS S
Band 4	3MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-50.34	PAS S
Band 4	3MHz	QPSK	20175	1RB#0	Range4:1000~20000MHz	-44.43	PAS S
Band 4	3MHz	QPSK	20385	1RB#0	Range1:0.009~0.15MHz	-77.95	PAS S
Band 4	3MHz	QPSK	20385	1RB#0	Range2:0.15~30MHz	-63.26	PAS S
Band 4	3MHz	QPSK	20385	1RB#0	Range3:30~1000MHz	-50.01	PAS S
Band 4	3MHz	QPSK	20385	1RB#0	Range4:1000~20000MHz	-43.97	PAS S
Band 4	3MHz	16QAM	19965	1RB#0	Range1:0.009~0.15MHz	-79.05	PAS S
Band 4	3MHz	16QAM	19965	1RB#0	Range2:0.15~30MHz	-63.22	PAS S
Band 4	3MHz	16QAM	19965	1RB#0	Range3:30~1000MHz	-50.55	PAS S
Band 4	3MHz	16QAM	19965	1RB#0	Range4:1000~20000MHz	-44.08	PAS S

Band 4	3MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-78.5	PASS
Band 4	3MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-62.3	PASS
Band 4	3MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-50.42	PASS
Band 4	3MHz	16QAM	20175	1RB#0	Range4:1000~20000MHz	-43.59	PASS
Band 4	3MHz	16QAM	20385	1RB#0	Range1:0.009~0.15MHz	-78.5	PASS
Band 4	3MHz	16QAM	20385	1RB#0	Range2:0.15~30MHz	-63.89	PASS
Band 4	3MHz	16QAM	20385	1RB#0	Range3:30~1000MHz	-50.31	PASS
Band 4	3MHz	16QAM	20385	1RB#0	Range4:1000~20000MHz	-44.83	PASS
Band 4	5MHz	QPSK	19975	1RB#0	Range1:0.009~0.15MHz	-77.39	PASS
Band 4	5MHz	QPSK	19975	1RB#0	Range2:0.15~30MHz	-63.41	PASS
Band 4	5MHz	QPSK	19975	1RB#0	Range3:30~1000MHz	-50.49	PASS
Band 4	5MHz	QPSK	19975	1RB#0	Range4:1000~20000MHz	-48.01	PASS
Band 4	5MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-77.81	PASS
Band 4	5MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-63.75	PASS
Band 4	5MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-50.29	PASS
Band 4	5MHz	QPSK	20175	1RB#0	Range4:1000~20000MHz	-48.25	PASS
Band 4	5MHz	QPSK	20375	1RB#0	Range1:0.009~0.15MHz	-78	PASS
Band 4	5MHz	QPSK	20375	1RB#0	Range2:0.15~30MHz	-63.41	PASS
Band 4	5MHz	QPSK	20375	1RB#0	Range3:30~1000MHz	-50.29	PASS
Band 4	5MHz	QPSK	20375	1RB#0	Range4:1000~20000MHz	-48.9	PASS
Band 4	5MHz	16QAM	19975	1RB#0	Range1:0.009~0.15MHz	-77.21	PASS
Band 4	5MHz	16QAM	19975	1RB#0	Range2:0.15~30MHz	-62.9	PASS

Band 4	5MHz	16QAM	19975	1RB#0	Range3:30~1000MHz	-50.17	PASS
Band 4	5MHz	16QAM	19975	1RB#0	Range4:1000~20000MHz	-47.9	PASS
Band 4	5MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-78.6	PASS
Band 4	5MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-64.53	PASS
Band 4	5MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-50.35	PASS
Band 4	5MHz	16QAM	20175	1RB#0	Range4:1000~20000MHz	-48.77	PASS
Band 4	5MHz	16QAM	20375	1RB#0	Range1:0.009~0.15MHz	-77.94	PASS
Band 4	5MHz	16QAM	20375	1RB#0	Range2:0.15~30MHz	-62.4	PASS
Band 4	5MHz	16QAM	20375	1RB#0	Range3:30~1000MHz	-50.32	PASS
Band 4	5MHz	16QAM	20375	1RB#0	Range4:1000~20000MHz	-48.38	PASS
Band 4	10MHz	QPSK	20000	1RB#0	Range1:0.009~0.15MHz	-78.02	PASS
Band 4	10MHz	QPSK	20000	1RB#0	Range2:0.15~30MHz	-63.21	PASS
Band 4	10MHz	QPSK	20000	1RB#0	Range3:30~1000MHz	-50.28	PASS
Band 4	10MHz	QPSK	20000	1RB#0	Range4:1000~20000MHz	-48.37	PASS
Band 4	10MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-78.31	PASS
Band 4	10MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-63.2	PASS
Band 4	10MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-50.44	PASS
Band 4	10MHz	QPSK	20175	1RB#0	Range4:1000~20000MHz	-48.03	PASS
Band 4	10MHz	QPSK	20350	1RB#0	Range1:0.009~0.15MHz	-79.65	PASS
Band 4	10MHz	QPSK	20350	1RB#0	Range2:0.15~30MHz	-63.44	PASS
Band 4	10MHz	QPSK	20350	1RB#0	Range3:30~1000MHz	-50.27	PASS
Band 4	10MHz	QPSK	20350	1RB#0	Range4:1000~20000MHz	-48.21	PASS

Band 4	10MHz	16QAM	20000	1RB#0	Range1:0.009~0.15MHz	-76.69	PASS
Band 4	10MHz	16QAM	20000	1RB#0	Range2:0.15~30MHz	-62.98	PASS
Band 4	10MHz	16QAM	20000	1RB#0	Range3:30~1000MHz	-50.32	PASS
Band 4	10MHz	16QAM	20000	1RB#0	Range4:1000~20000MHz	-48.41	PASS
Band 4	10MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-77.35	PASS
Band 4	10MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-63.22	PASS
Band 4	10MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-50.4	PASS
Band 4	10MHz	16QAM	20175	1RB#0	Range4:1000~20000MHz	-47.97	PASS
Band 4	10MHz	16QAM	20350	1RB#0	Range1:0.009~0.15MHz	-78.22	PASS
Band 4	10MHz	16QAM	20350	1RB#0	Range2:0.15~30MHz	-63.26	PASS
Band 4	10MHz	16QAM	20350	1RB#0	Range3:30~1000MHz	-50.44	PASS
Band 4	10MHz	16QAM	20350	1RB#0	Range4:1000~20000MHz	-44.56	PASS
Band 4	15MHz	QPSK	20025	1RB#0	Range1:0.009~0.15MHz	-78.51	PASS
Band 4	15MHz	QPSK	20025	1RB#0	Range2:0.15~30MHz	-61.68	PASS
Band 4	15MHz	QPSK	20025	1RB#0	Range3:30~1000MHz	-50.19	PASS
Band 4	15MHz	QPSK	20025	1RB#0	Range4:1000~20000MHz	-47.95	PASS
Band 4	15MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-78.85	PASS
Band 4	15MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-63.13	PASS
Band 4	15MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-50.29	PASS
Band 4	15MHz	QPSK	20175	1RB#0	Range4:1000~20000MHz	-48.27	PASS
Band 4	15MHz	QPSK	20325	1RB#0	Range1:0.009~0.15MHz	-78.73	PASS
Band 4	15MHz	QPSK	20325	1RB#0	Range2:0.15~30MHz	-62.96	PASS

Band 4	15MHz	QPSK	20325	1RB#0	Range3:30~1000MHz	-50.2 6	PAS S
Band 4	15MHz	QPSK	20325	1RB#0	Range4:1000~20000MHz	-46.0 1	PAS S
Band 4	15MHz	16QAM	20025	1RB#0	Range1:0.009~0.15MHz	-79.2 2	PAS S
Band 4	15MHz	16QAM	20025	1RB#0	Range2:0.15~30MHz	-62.9 8	PAS S
Band 4	15MHz	16QAM	20025	1RB#0	Range3:30~1000MHz	-50.2 7	PAS S
Band 4	15MHz	16QAM	20025	1RB#0	Range4:1000~20000MHz	-48.4 1	PAS S
Band 4	15MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-77.9 1	PAS S
Band 4	15MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-63.3 5	PAS S
Band 4	15MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-50.2 9	PAS S
Band 4	15MHz	16QAM	20175	1RB#0	Range4:1000~20000MHz	-48.4 6	PAS S
Band 4	15MHz	16QAM	20325	1RB#0	Range1:0.009~0.15MHz	-79.8 z	PAS S
Band 4	15MHz	16QAM	20325	1RB#0	Range2:0.15~30MHz	-63.3 1	PAS S
Band 4	15MHz	16QAM	20325	1RB#0	Range3:30~1000MHz	-50.3	PAS S
Band 4	15MHz	16QAM	20325	1RB#0	Range4:1000~20000MHz	-45.3 7	PAS S
Band 4	20MHz	QPSK	20050	1RB#0	Range1:0.009~0.15MHz	-77.9 8	PAS S
Band 4	20MHz	QPSK	20050	1RB#0	Range2:0.15~30MHz	-63.7 4	PAS S
Band 4	20MHz	QPSK	20050	1RB#0	Range3:30~1000MHz	-50.5	PAS S
Band 4	20MHz	QPSK	20050	1RB#0	Range4:1000~20000MHz	-48.2 7	PAS S
Band 4	20MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-78.2 z	PAS S
Band 4	20MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-63.5 5	PAS S
Band 4	20MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-50.1 2	PAS S
Band 4	20MHz	QPSK	20175	1RB#0	Range4:1000~20000MHz	-48.5 5	PAS S

Band 4	20MHz	QPSK	20300	1RB#0	Range1:0.009~0.15MHz	-75.04	PASS
Band 4	20MHz	QPSK	20300	1RB#0	Range2:0.15~30MHz	-52.61	PASS
Band 4	20MHz	QPSK	20300	1RB#0	Range3:30~1000MHz	-50.2	PASS
Band 4	20MHz	QPSK	20300	1RB#0	Range4:1000~20000MHz	-47.09	PASS
Band 4	20MHz	16QAM	20050	1RB#0	Range1:0.009~0.15MHz	-78.23	PASS
Band 4	20MHz	16QAM	20050	1RB#0	Range2:0.15~30MHz	-63.97	PASS
Band 4	20MHz	16QAM	20050	1RB#0	Range3:30~1000MHz	-50.29	PASS
Band 4	20MHz	16QAM	20050	1RB#0	Range4:1000~20000MHz	-48.89	PASS
Band 4	20MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-76.81	PASS
Band 4	20MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-53.03	PASS
Band 4	20MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-49.88	PASS
Band 4	20MHz	16QAM	20175	1RB#0	Range4:1000~20000MHz	-48.79	PASS
Band 4	20MHz	16QAM	20300	1RB#0	Range1:0.009~0.15MHz	-75.14	PASS
Band 4	20MHz	16QAM	20300	1RB#0	Range2:0.15~30MHz	-53.39	PASS
Band 4	20MHz	16QAM	20300	1RB#0	Range3:30~1000MHz	-49.94	PASS
Band 4	20MHz	16QAM	20300	1RB#0	Range4:1000~20000MHz	-47.18	PASS

## Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0-Range1:0.009~0.15MHz